Verification of Compliance

Product Name	:	**SWITCHING POWER SUPPLY**
Trade Name	:	**MEAN WELL**
Model Number	:	**DRP/DBR-3200-x-y, (x=24,48，y=NC,CAN)** **DHP/DHB-12K1UT-x (x=24,48)**
Applicant	:	**MEAN WELL ENTERPRISES CO., LTD.**
Address	:	**No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.)**
Report Number	:	**C32-M020-1708-294**
Issue Date	:	**February 6, 2018**
Applicable Standards	:	

Emission :
EN 55032 : 2015 Class A
EN 61000-3-2 : 2014
EN 61000-3-3 : 2013

Immunity :

EN 55024 : 2010+A1 :2015
EN 61000-6-2 : 2005
EN 61000-4-2 : 2009
EN 61000-4-3 : 2006+A1 : 2008+A2 : 2010
EN 61000-4-4 : 2012
EN 61000-4-5 : 2014
EN 61000-4-6 : 2014
EN 61000-4-8 : 2010
EN 61000-4-11 : 2004

Based on the EMC Directive 2014/30/EU and the specifications of the customer, one sample of the designated product has been tested in our laboratory and found to be in compliance with the EMC standards cited above.

CE

TAF 0905
FCC CAB Code TW1104, TW0019
NVLAP Lab Code 200575-0
IC Code 4699A
VCCI Accep. No. R-11527, C-11609, T-11441, G-10, C-20010, T-20009, G-614

Central Research Technology Co.
EMC Test Laboratory
11, Lane41, Fushuen St., Jungshan Chiu,
Taipei, Taiwan, 104, R.O.C.
Tel : 886-2-25984568
Fax: 886-2-25984546

T. Y. Shih

(Tsun-Yu Shih/ General Manager)

Date: February 6, 2018

CE EMC Test Report

for

SWITCHING POWER SUPPLY

Trade Name	**:**	**MEAN WELL**
Model Number	**:**	**DRP/DBR-3200-x-y, (x=24,48，y=NC,CAN)**
		DHP/DHB-12K1UT-x (x=24,48)
Report Number	**:**	**C32-M020-1708-294**
Date of Receipt	**:**	**December 27, 2017**
Date of Report	**:**	**February 6, 2018**

Prepared for

MEAN WELL ENTERPRISES CO., LTD.

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.)

Prepared by

Central Research Technology Co.

EMC Test Laboratory

11, Lane 41, Fushuen St., Jungshan Chiu, Taipei, Taiwan, 104, R.O.C.

Verification of Compliance

Equipment Under Test	**:**	SWITCHING POWER SUPPLY
Model No.	**:**	DRP/DBR-3200-x-y, (x=24,48，y=NC,CAN) DHP/DHB-12K1UT-x (x=24,48)
Applicant	**:**	MEAN WELL ENTERPRISES CO., LTD.
Address	**:**	No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.)
Applicable Standards	**:**	

Emission :
EN 55032 : 2015 Class A
EN 61000-3-2 : 2014
EN 61000-3-3 : 2013

Immunity :
EN 55024 : 2010+A1 :2015
EN 61000-6-2 : 2005
EN 61000-4-2 : 2009
EN 61000-4-3 : 2006+A1 : 2008+A2 : 2010
EN 61000-4-4 : 2012
EN 61000-4-5 : 2014
EN 61000-4-6 : 2014
EN 61000-4-8 : 2010
EN 61000-4-11 : 2004

CE

Date of Testing	**:**	December 27, 2017~January 16, 2018
Deviation	**:**	1.The method, configuration and arrangement of the tests are following the requirement of customer and the applicable standards cited above. 2.According to the requirements of the manufacturer, the limits of Conducted Emission Test is following the Class B.
Condition of Test Sample	**:**	Engineering Sample

We, **Central Research Technology Co**., hereby certify that one sample of the designated product was tested in our facility during the period mentioned above. The test records, data evaluation and Equipment Under Test (EUT) configurations shown in the present report are true and accurate representation of the measurements of the sample's EMC characteristics under the conditions herein specified.

The test results show that the EUT as described in the present report is in compliance with the requirements set forth in the standards mentioned above and apply to the tested sample identified in the present report only. The test report shall not be reproduced, except in its entirety, without the written approval of Central Research Technology Co.

PREPARED BY : Rosa Hsieh , **DATE :** February 6, 2018
(Rosa Hsieh/System Executive)

APPROVED BY : J. Y. , **DATE :** Feb. 6, 2018
(Tsun-Yu Shih/General Manager)

The list of the factory:

(1) MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.)

(2) MEAN WELL (GUANGZHOU) ELECTRONICS CO., LTD HUADU BRANCH
No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou, China.

(3) SuZhou MEAN WELL Technology Co., Ltd.
No.77, Jian-min Road, Dong-qiao, Pan-yang Ind. Park, Huang-dai Town, Xiang-cheng District, Suzhou, Jiangsu 215152, P.R. China

Contents

1. General Description

1.1 General Description of EUT

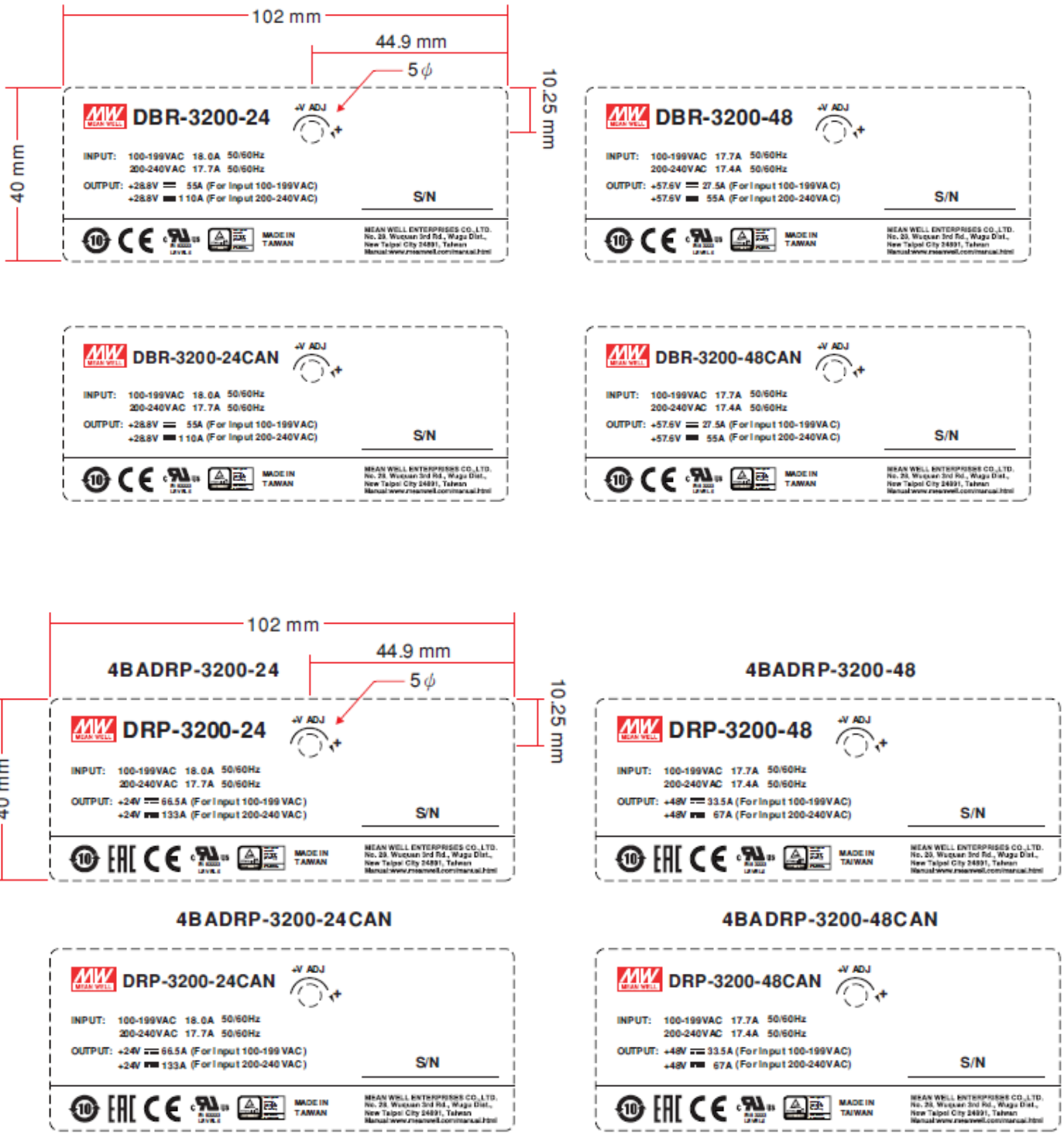
Equipment Under Test	:	SWITCHING POWER SUPPLY
Model No.	:	DRP/DBR-3200-x-y, (x=24,48，y=NC,CAN)
		DHP/DHB-12K1UT-x (x=24,48)
Power Rating	:	See the page 8
Highest Operating Frequency	:	<108MHz from the test specification
Function Description	:	

The EUT are engineering samples of the SWITCHING POWER SUPPLY. Please refer to the user's manual for the details.

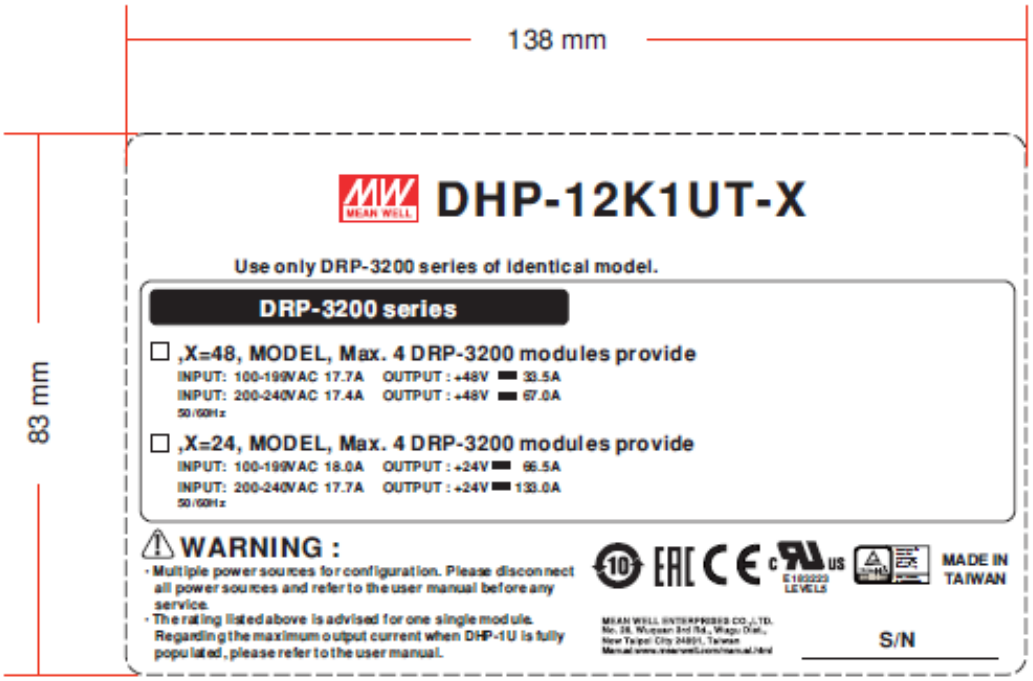
The I/O ports of EUT are listed below:

No.	I/O Port Type	Quantity
1	I/O interface	1

The label of EUTs are supplied by the manufacturer and shown as below.




138 mm
83 mm
DHB-12K1UT-X
Use only DBR-3200 series of identical model.
DBR-3200 series
☐ ,X=48, MODEL, Max. 4 DBR-3200 modules provide
INPUT: 100-199VAC 17.7A OUTPUT : +57.6V 27.5A
INPUT: 200-240VAC 17.4A OUTPUT : +57.6V 55.0A
50/60Hz
☐ ,X=24, MODEL, Max. 4 DBR-3200 modules provide
INPUT: 100-199VAC 18.0A OUTPUT : +28.8V 55.0A
INPUT: 200-240VAC 17.7A OUTPUT : +28.8V 110.0A
50/60Hz
WARNING :
• Multiple power sources for configuration. Please disconnect all power sources and refer to the user manual before any service.
• The rating listed above is advised for one single module. Regarding the maximum output current when DHP-1U is fully populated, please refer to the user manual.
MADE IN TAIWAN
S/N


138 mm
83 mm
DHP-12K1UT-X
Use only DRP-3200 series of identical model.
DRP-3200 series
☐ ,X=48, MODEL, Max. 4 DRP-3200 modules provide
INPUT: 100-199VAC 17.7A OUTPUT : +48V 33.5A
INPUT: 200-240VAC 17.4A OUTPUT : +48V 67.0A
50/60Hz
☐ ,X=24, MODEL, Max. 4 DRP-3200 modules provide
INPUT: 100-199VAC 18.0A OUTPUT : +24V 66.5A
INPUT: 200-240VAC 17.7A OUTPUT : +24V 133.0A
50/60Hz
WARNING :
• Multiple power sources for configuration. Please disconnect all power sources and refer to the user manual before any service.
• The rating listed above is advised for one single module. Regarding the maximum output current when DHP-1U is fully populated, please refer to the user manual.
MADE IN TAIWAN
S/N

1.2 Test Mode

Final Compliance Test Modes

Test Mode	Test Voltage	Model No.	Loading condition	Test Item
Mode 5	230V/50Hz	DRP-3200-48 Slot A	Full Load	1.Conducted Emission Test. 2.Radiated Emission Test.
			Half Load	
	230V/50Hz		Full Load	1. Harmonic Current and Voltage Fluctuation Emission Measurement. 2. All EMS Tests shown in clause 1.3.

Verification Mode

Test Mode	Test Voltage	Model No.	Loading condition	Test Item
Mode 1	230V/50Hz	DRP-3200-24 Slot A	Full Load / Half Load	1.Conducted Emission Test. 2.Radiated Emission Test.
Mode 2		DRP-3200-24 Slot B		
Mode 3		DRP-3200-24 Slot C		
Mode 4		DRP-3200-24 Slot D		
Mode 6		DRP-3200-48 Slot B		
Mode 7		DRP-3200-48 Slot C		
Mode 8		DRP-3200-48 Slot D		

1.3 Applied standards

Based on European Council EMC Directive 2014/30/EU and the specifications of the manufacturer, the applied standards to evaluate the compliance of the EUT are as following:

Applied Standards	Test Items	Results
☑ EN 55032: 2015 Class A	Conducted Emission Measurement	PASS
	Radiated Emission Measurement	PASS
☑ EN 61000-3-2: 2014	Harmonic Current Emission Measurement	PASS
☑ EN 61000-3-3:2013	Voltage Fluctuation and Flicker Emission Measurement	PASS
☑ EN 55024:2010+A1:2015		PASS
☑ EN 61000-6-2:2005		PASS
☑ EN 61000-4-2:2009	Electrostatic discharge Test (ESD)	PASS
☑ EN 61000-4-3:2006+A1:2008+A2:2010	Radiated electromagnetic field immunity Test (RS)	PASS
☑ EN 61000-4-4:2012	Electrical fast transient / burst immunity Test (EFT)	PASS
☑ EN 61000-4-5:2014	Surge immunity Test	PASS
☑ EN 61000-4-6:2014	Immunity to conducted disturbances, induced by radio-frequency fields (CS)	PASS
☑ EN 61000-4-8:2010	Power frequency magnetic field immunity Test (PFM)	PASS
☑ EN 61000-4-11:2004	Voltage dips, short interruptions Test	PASS

1.4 Description of Performance Criteria

Criteria A : normal performance within levels specified by the manufacturer, requestor or purchaser;

Criteria B : temporary loss of function or degradation of performance which ceases after the disturbance ceases, and from which the EUT recovers its normal performance, without operator intervention;

Criteria C : temporary loss of function or degradation of performance, the correction of which requires operator intervention;

1.5 Test Setup for the EUT

The EUT is an unique unit connected with other necessary accessories and support units listed in the next section. It has been tested against each standard after the following setup steps:

a. Connect the Dummy Load to the EUT.

b. Connect the EUT to the appropriate power source through power filter or other LISN in different site for each test item.

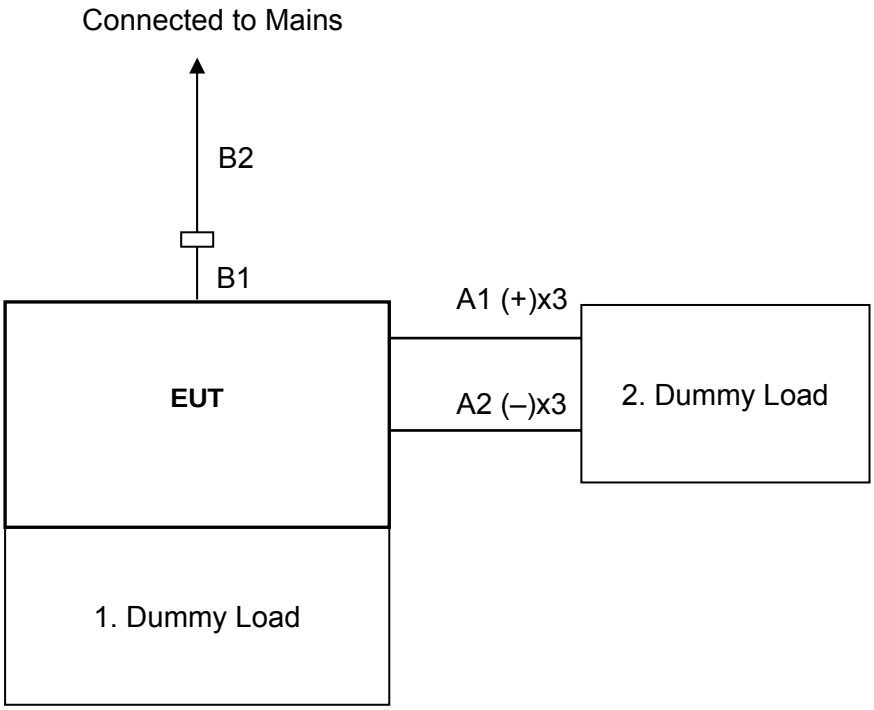
c. Set the Dummy Load at the appropriate loading condition.

d. Repeat and keep the setup steps listed above before and during all tests.

1.6 The Support Units

No.	Unit	Model No./ Serial No.	FCC ID	Trade Name	Power Cord	Supported by lab.
1	Dummy Load	DHP-1UT-A	N/A	MW	N/A	
2		N/A	N/A	N/A	N/A	

1.7 Layout of the Setup



Connecting Cables:

No.	Cable	Length	Shielded	Shielded Backshell	Supported by lab.	Note
A1	Power Cable (+)	0.4m				
A2	Power Cable (–)	0.4m				
B1	AC Power Cable	0.1m				
B2	AC Power Cable	1.0m				

1.8 Test Capability

Test Facility

The test facility used for evaluating the conformance of the EUT with each standard in the present report meets what required in CISPR16-1-4, CISPR16-2-3.

Test Room	Type of Test Room	Descriptions
TR1	10m semi-anechoic chamber	Complying with the NSA and the site VSWR requirements in documents CISPR 22, CISPR 32 and CISPR 16-1-4 for the radiated emission measurement.
TR1	10m semi-anechoic chamber with absorber	
TR11	3m semi-anechoic chamber	Complying with the NSA requirements in documents CISPR 22, ANSI C63.4: 2014 for the radiated emission measurement.
TR5	Shielding Room	For the conducted emission measurement.
TR20	Shielding Room	
TR3	3m fully-anechoic chamber	Complying with the field uniformity requirements in standard IEC/ EN 61000-4-3 for the radiated immunity test.
TR7	Shielding Room	For the Current Harmonic / Voltage Flicker and other immunity tests.
TR8	Shielding Room	
TR4	Shielding Room	
AR	Shielding Room	
TR12	Plane Grounding Site	
TR14	Plane Grounding Site	
TR300	3m fully-anechoic chamber	Complying with the site VSWR requirements set in documents CISPR 16-1-4 for the radiated emission measurement.

Test Laboratory Competence Information

Central Research Technology Co. has been accredited / filed / authorized by the agencies listed in the following table.

Certificate	Nation	Agency	Code	Mark
Accreditation Certificate	USA	NVLAP	200575-0	ISO/IEC 17025
	USA	FCC	TW1104, TW0019	ISO/IEC 17025
	R.O.C. (Taiwan)	TAF	0905	ISO/IEC 17025
	R.O.C. (Taiwan)	BSMI	SL2-IN-E-0033, SL2-IS-E-0033, SL2-R1/R2-E-0033, SL2-A1-E-0033, SL2-L1-E-0033	ISO/IEC 17025
Site Filing Document	Canada	IC	4699A-1,-3	Test facility list & NSA Data
	Japan	VCCI	R-11527,C-11609,T-11441,G-10, C-20010, G-614, T-20009	Test facility list & NSA Data
Authorization Certificate	Germany	TUV	UA 50235497	ISO/IEC 17025

The copy of each certificate can be downloaded from our web site: www.crc-lab.com

2. Conducted Emission Measurement

Test Result : PASS

2.1 Limits for Emission Measurement

☑ Limits for conducted disturbances at the power mains

Frequency (MHz)	Class A Equipment		Class B Equipment	
	Quasi-peak (dBμV)	Average (dBμV)	Quasi-peak (dBμV)	Average (dBμV)
0.15 to 0.5	79	66	66 – 56	56 – 46
0.5 to 5	73	60	56	46
5 to 30	73	60	60	50
Note 1- The lower limit shall apply at the transition frequency. Note 2- The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5MHz for Class B equipment.				

☐ Limits for conducted common mode disturbances at telecommunication ports

Frequency (MHz)	Class A Equipment				Class B Equipment			
	Voltage Limits		Current Limits		Voltage Limits		Current Limits	
	Q.P. (dBμV)	Average (dBμV)	Q.P. (dBμA)	Average (dBμA)	Q.P. (dBμV)	Average (dBμV)	Q.P. (dBμA)	Average (dBμA)
0.15 to 0.5	97 - 87	84 – 74	53 – 43	40 – 30	84 – 74	74 - 64	40 – 30	30 - 20
0.5 to 30	87	74	43	30	74	64	30	20
Note 1- The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5MHz. Note 2- The current and voltage disturbance limits are derived for use with an impedance stabilization network (ISN) which presents a common mode (asymmetric mode) impedance of 150Ω to the telecommunication port under test.								

2.2 Test Instruments

Test Site and Equipment	Manufacturer	Model No./ Serial No.	Last Calibration Date	Calibration Due Date
Test Receiver	R&S	ESR/ 102308	July 11, 2017	July 11, 2018
LISN	SchwarzBeck	NSLK-8128-RC/ 8128-383	Aug. 1, 2017	Aug. 1, 2018
2nd LISN	R&S	ENV4200/ 833209/010	April 26, 2017	April 26, 2018
ISN	FCC	☐ FCC-TLISN-T2-02/20269	Aug. 18, 2017	Aug. 18, 2018
	TESEQ	☐ ISN T400A/ 28575	July 26, 2017	July 26, 2018
		☐ ISN T800/ 36191	July 26, 2017	July 26, 2018
50Ω terminator	SHHNER	65 BNC-50-0-1/133 NE/005	May 12, 2017	May 12, 2018
RF Switch	R&S	RSU28/ 338965/002	Jan. 4, 2018	July 4, 2018
RF Cable	N/A	N/A/ C0052 ~ 56	Jan. 4, 2018	July 4, 2018
Test Software	Audix	e3/ V6.20110303y	NCR	NCR
TR5 shielded room	ETS LINDGREN	TR5/ 15353-F	NCR	NCR

Note:

1. The calibrations are traceable to NML/ROC.
2. NCR : No Calibration Required.

Measurement Uncertainty

The assessed measurement uncertainty with a suitable coverage factor K to ensure 95% confidence level for the normal distribution are shown as below, the values are less than U_{cispr} in table 1 of CISPR 16-4-2.

Equipment	Model Number	Uncertainty Value
LISN	NSLK-8128-RC	1.84dB
	ENV 4200	1.92dB
ISN	FCC-TLISN-T2-02	1.80dB
	ISN T400A	1.94dB
	ISN T800	2.08dB

2.3 Test Procedures

a. The EUT was set up per the test configuration figured in the next section of this chapter to simulate the typical usage per the user's manual.

b. If the EUT is tabletop equipment, it was placed on a wooden table with a height of 0.8 meters above the reference ground plane and 0.4 meters from the conducting wall of the shielded room. Also if the EUT is floor-standing equipment, it was placed on a non-conducted support with a height up to 0.15 meters above the reference ground plane.

c. For EN 55032, all cables connecting to AE located outside the chamber shall drop directly to, but be insulated from, the RGP (or turntable). The thickness of the insulation shall not be more than 150 mm.

d. Connect the EUT's power source / telecommunication lines to the appropriate power mains / peripherals through the LISN / ISN.

e. All the other peripherals are connected to the 2nd LISN, if any.

f. The LISN / ISN was placed 0.8 meters from the EUT and at least 0.8 meters from other units and other metal planes.

g. Measure the conducted emissions on each power line (Neutral Line and Line 1 – Hot side) of the EUT's power source by using the test receiver connected to the coupling RF output port of LISN.

h. Rapidly scan the signal from 150kHz to 30MHz by using the receiver through the Maximum-Peak detector to determine those frequencies associated with higher emission levels for each measured line.

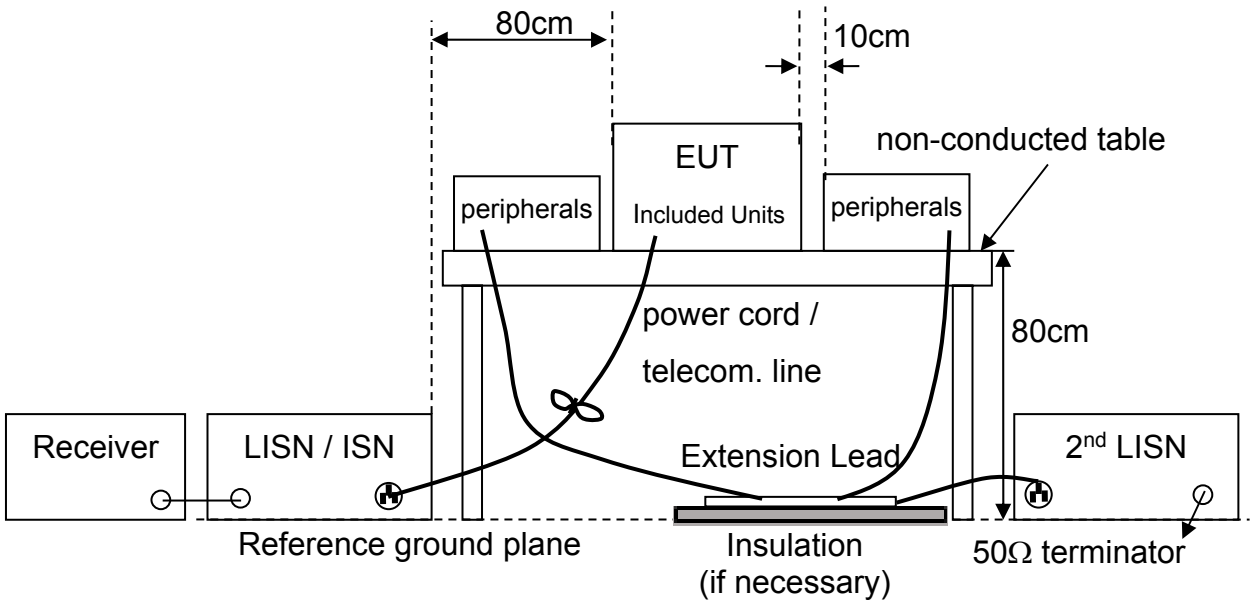
i. Then measure the maximum level of conducted disturbance for each frequency found from step g. by using the receiver through the Quasi-Peak and Average detectors per CISPR 16-1.

j. Record the level for each frequency and compare with the required limit.

k. If required, measure the conducted emissions on telecommunication lines of EUT by using the test receiver connected to the coupling RF output port of ISN and repeat step g. to i.

l. If the peak emission level is lower than the specified Average limit, then the emission values presented will be the peak value only. Otherwise, accurate Q.P. or Average values will be measured and presented.

2.4 Test Configurations



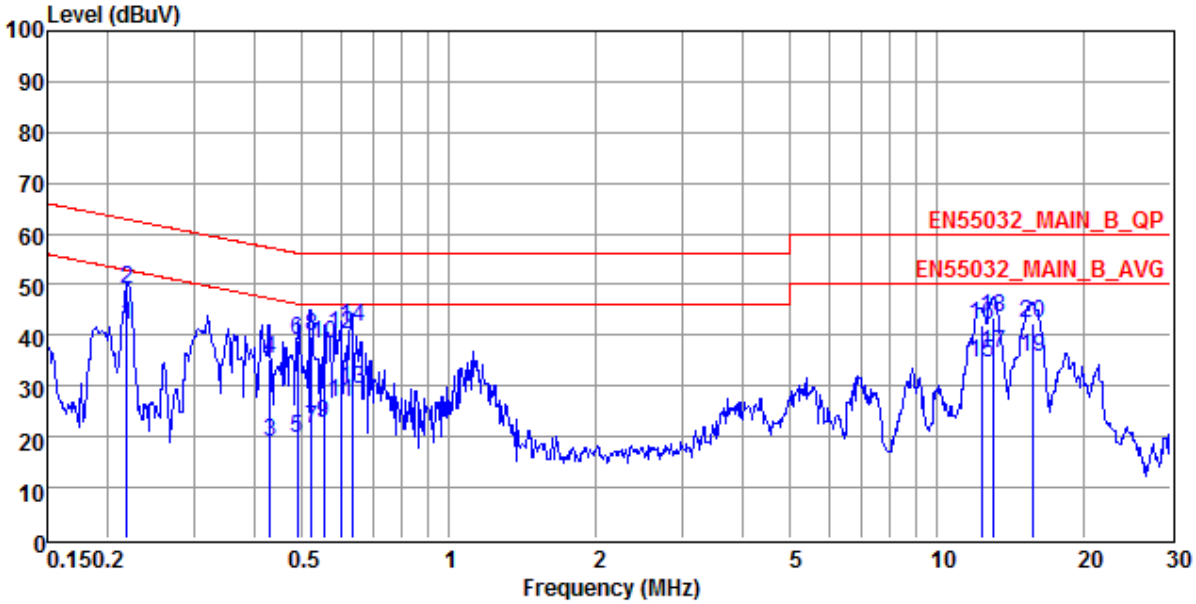
2.5 Photographs of the Test Configurations

Please refer to the Attachment 1 of the present report.

2.6 Test Results

Final Compliance Test Mode

Test Mode	:	Mode 5 (Model No.: DRP-3200-48 Slot A, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	57%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Line**

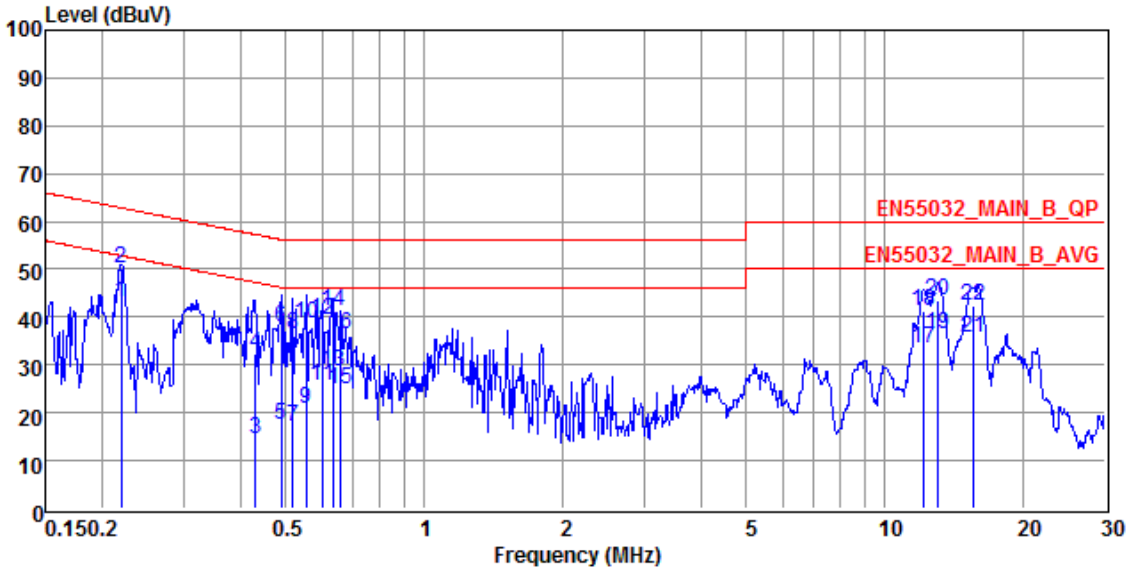


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.219	42.19	42.09	0.10	52.88	-10.69	LINE	Average
2	0.219	49.19	49.09	0.10	62.88	-13.69	LINE	QP
3	0.428	18.86	18.76	0.10	47.29	-28.43	LINE	Average
4	0.428	35.50	35.40	0.10	57.29	-21.79	LINE	QP
5	0.489	19.57	19.46	0.11	46.19	-26.62	LINE	Average
6	0.489	38.99	38.88	0.11	56.19	-17.20	LINE	QP
7	0.521	21.51	21.39	0.12	46.00	-24.49	LINE	Average
8	0.521	39.62	39.50	0.12	56.00	-16.38	LINE	QP
9	0.552	22.69	22.57	0.12	46.00	-23.31	LINE	Average
10	0.552	38.35	38.23	0.12	56.00	-17.65	LINE	QP
11	0.598	26.81	26.69	0.12	46.00	-19.19	LINE	Average
12	0.598	40.15	40.03	0.12	56.00	-15.85	LINE	QP
13	0.630	29.25	29.13	0.12	46.00	-16.75	LINE	Average
14	0.630	41.56	41.44	0.12	56.00	-14.44	LINE	QP
15	12.318	34.46	33.92	0.54	50.00	-15.54	LINE	Average
16	12.318	42.05	41.51	0.54	60.00	-17.95	LINE	QP
17	13.057	36.56	36.00	0.56	50.00	-13.44	LINE	Average
18	13.057	43.64	43.08	0.56	60.00	-16.36	LINE	QP
19	15.635	35.76	35.16	0.60	50.00	-14.24	LINE	Average
20	15.635	42.31	41.71	0.60	60.00	-17.69	LINE	QP

Note:

1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

Test Mode	:	Mode 5 (Model No.: DRP-3200-48 Slot A, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Neutral**

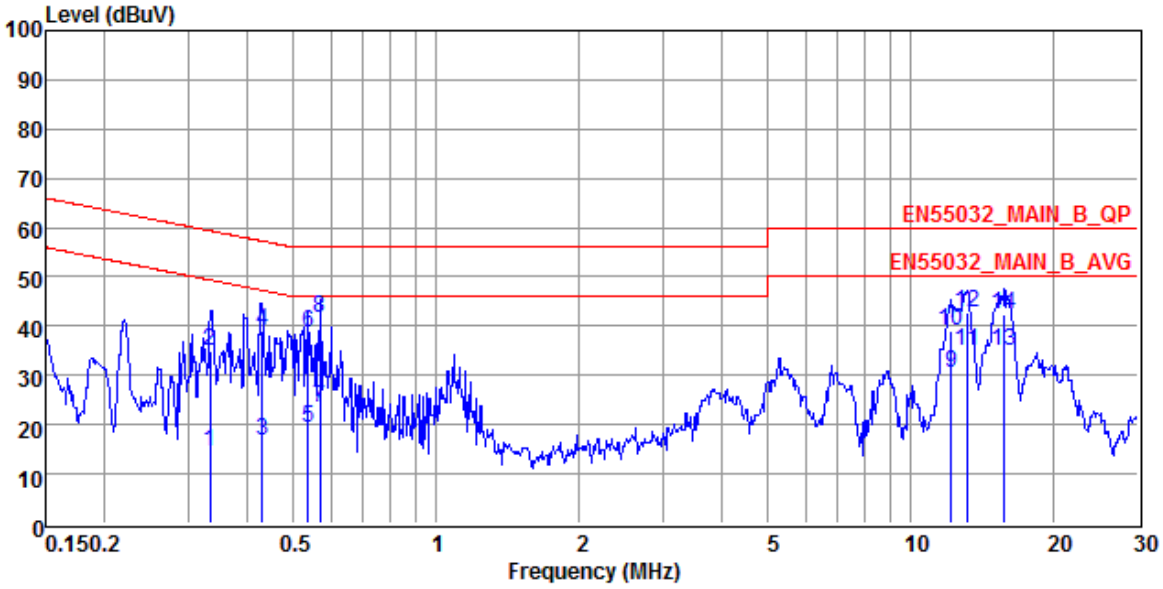


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.220	43.03	42.94	0.09	52.83	-9.80	NEUTRAL	Average
2	0.220	50.15	50.06	0.09	62.83	-12.68	NEUTRAL	QP
3	0.428	14.35	14.26	0.09	47.29	-32.94	NEUTRAL	Average
4	0.428	32.27	32.18	0.09	57.29	-25.02	NEUTRAL	QP
5	0.489	17.49	17.39	0.10	46.19	-28.70	NEUTRAL	Average
6	0.489	37.75	37.65	0.10	56.19	-18.44	NEUTRAL	QP
7	0.518	17.04	16.94	0.10	46.00	-28.96	NEUTRAL	Average
8	0.518	36.36	36.26	0.10	56.00	-19.64	NEUTRAL	QP
9	0.552	20.69	20.59	0.10	46.00	-25.31	NEUTRAL	Average
10	0.552	38.53	38.43	0.10	56.00	-17.47	NEUTRAL	QP
11	0.598	25.55	25.45	0.10	46.00	-20.45	NEUTRAL	Average
12	0.598	39.58	39.48	0.10	56.00	-16.42	NEUTRAL	QP
13	0.630	28.50	28.40	0.10	46.00	-17.50	NEUTRAL	Average
14	0.630	41.33	41.23	0.10	56.00	-14.67	NEUTRAL	QP
15	0.658	24.85	24.74	0.11	46.00	-21.15	NEUTRAL	Average
16	0.658	36.47	36.36	0.11	56.00	-19.53	NEUTRAL	QP
17	12.124	33.32	32.77	0.55	50.00	-16.68	NEUTRAL	Average
18	12.124	41.31	40.76	0.55	60.00	-18.69	NEUTRAL	QP
19	13.057	36.52	35.94	0.58	50.00	-13.48	NEUTRAL	Average
20	13.057	43.56	42.98	0.58	60.00	-16.44	NEUTRAL	QP
21	15.552	35.69	35.06	0.63	50.00	-14.31	NEUTRAL	Average
22	15.552	42.32	41.69	0.63	60.00	-17.68	NEUTRAL	QP

Note:

1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

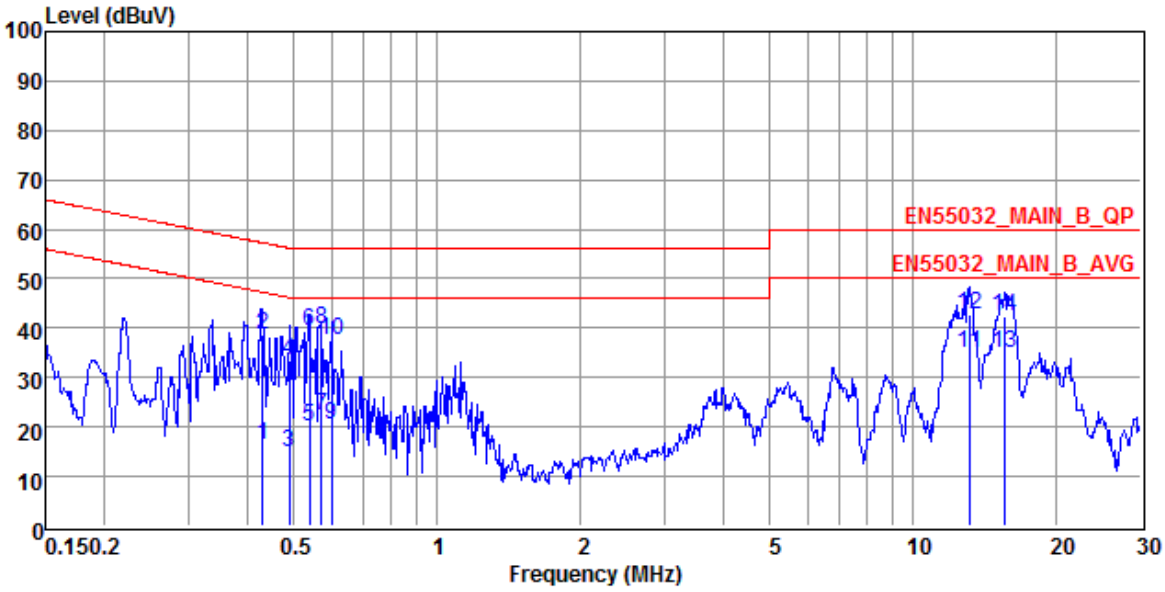
Test Mode	:	Mode 5 (Model No.: DRP-3200-48 Slot A, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Line**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.334	14.33	14.23	0.10	49.35	-35.02	LINE	Average
2	0.334	35.03	34.93	0.10	59.35	-24.32	LINE	QP
3	0.428	16.56	16.46	0.10	47.29	-30.73	LINE	Average
4	0.428	39.10	39.00	0.10	57.29	-18.19	LINE	QP
5	0.535	19.25	19.13	0.12	46.00	-26.75	LINE	Average
6	0.535	38.71	38.59	0.12	56.00	-17.29	LINE	QP
7	0.567	23.52	23.40	0.12	46.00	-22.48	LINE	Average
8	0.567	41.56	41.44	0.12	56.00	-14.44	LINE	QP
9	12.124	30.37	29.83	0.54	50.00	-19.63	LINE	Average
10	12.124	38.87	38.33	0.54	60.00	-21.13	LINE	QP
11	13.127	34.81	34.25	0.56	50.00	-15.19	LINE	Average
12	13.127	42.62	42.06	0.56	60.00	-17.38	LINE	QP
13	15.718	35.02	34.42	0.60	50.00	-14.98	LINE	Average
14	15.718	42.46	41.86	0.60	60.00	-17.54	LINE	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

Test Mode	:	Mode 5 (Model No.: DRP-3200-48, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Neutral**

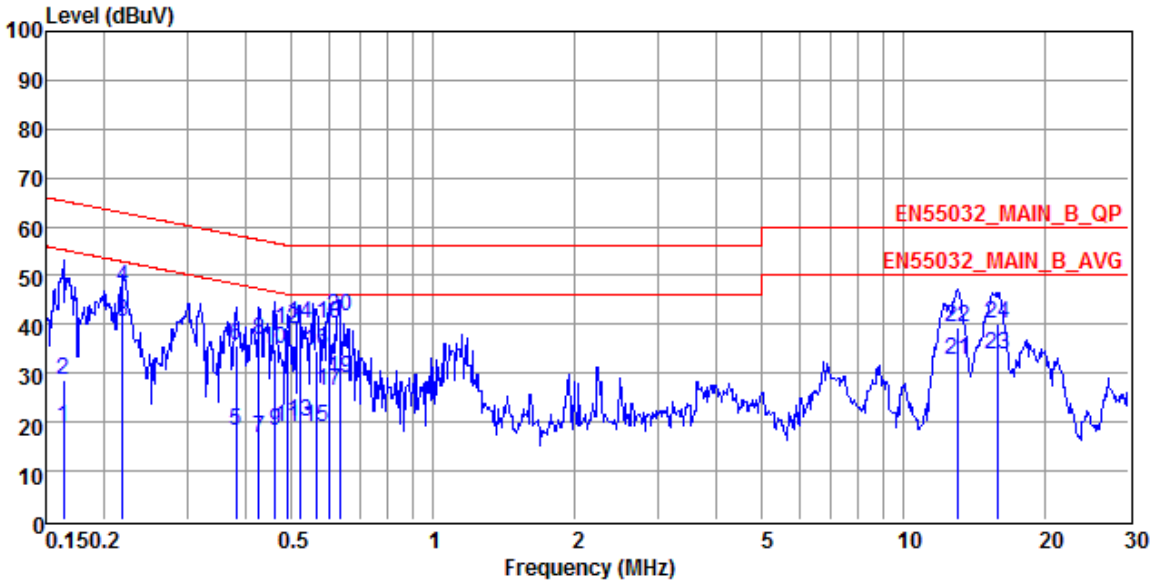


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.428	16.37	16.28	0.09	47.29	-30.92	NEUTRAL	Average
2	0.428	38.53	38.44	0.09	57.29	-18.76	NEUTRAL	QP
3	0.489	14.72	14.62	0.10	46.19	-31.47	NEUTRAL	Average
4	0.489	33.29	33.19	0.10	56.19	-22.90	NEUTRAL	QP
5	0.538	20.10	20.00	0.10	46.00	-25.90	NEUTRAL	Average
6	0.538	39.58	39.48	0.10	56.00	-16.42	NEUTRAL	QP
7	0.570	22.43	22.33	0.10	46.00	-23.57	NEUTRAL	Average
8	0.570	39.80	39.70	0.10	56.00	-16.20	NEUTRAL	QP
9	0.598	20.28	20.18	0.10	46.00	-25.72	NEUTRAL	Average
10	0.598	37.69	37.59	0.10	56.00	-18.31	NEUTRAL	QP
11	13.127	34.78	34.20	0.58	50.00	-15.22	NEUTRAL	Average
12	13.127	42.69	42.11	0.58	60.00	-17.31	NEUTRAL	QP
13	15.552	34.86	34.23	0.63	50.00	-15.14	NEUTRAL	Average
14	15.552	42.31	41.68	0.63	60.00	-17.69	NEUTRAL	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

Verification Mode

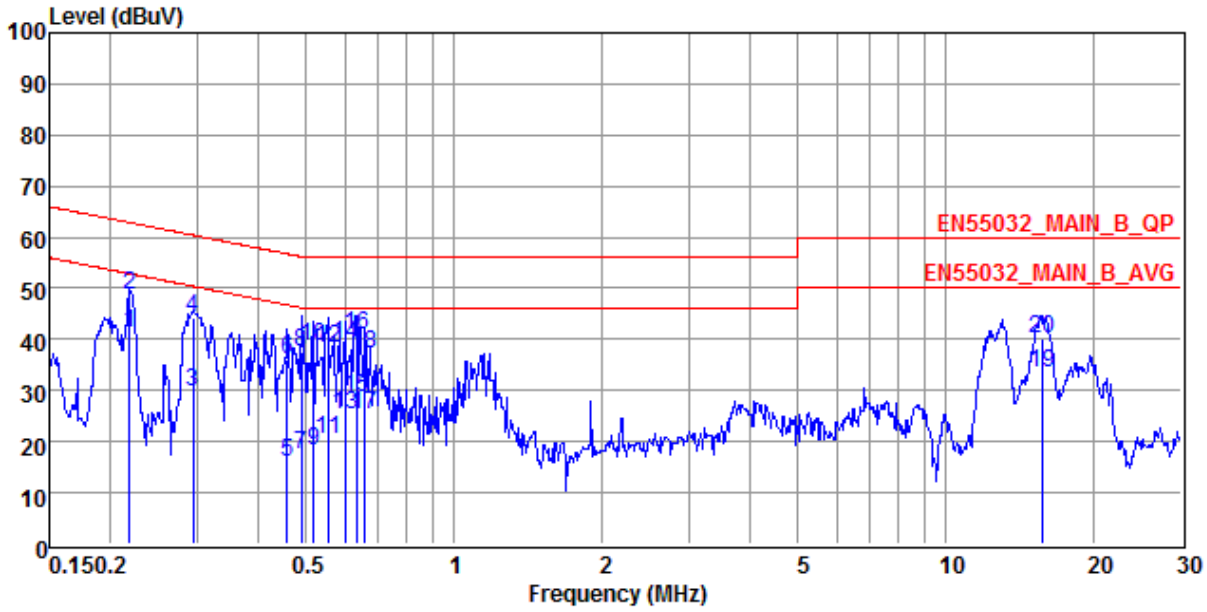
Test Mode	:	Mode 1 (Model No.: DRP-3200-24 Slot A, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Line**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.163	18.88	18.78	0.10	55.30	-36.42	LINE	Average
2	0.163	28.65	28.55	0.10	65.30	-36.65	LINE	QP
3	0.219	40.52	40.42	0.10	52.88	-12.36	LINE	Average
4	0.219	47.57	47.47	0.10	62.88	-15.31	LINE	QP
5	0.381	18.30	18.20	0.10	48.25	-29.95	LINE	Average
6	0.381	35.77	35.67	0.10	58.25	-22.48	LINE	QP
7	0.426	16.60	16.50	0.10	47.33	-30.73	LINE	Average
8	0.426	36.89	36.79	0.10	57.33	-20.44	LINE	QP
9	0.461	18.25	18.14	0.11	46.67	-28.42	LINE	Average
10	0.461	34.80	34.69	0.11	56.67	-21.87	LINE	QP
11	0.489	19.04	18.93	0.11	46.19	-27.15	LINE	Average
12	0.489	38.97	38.86	0.11	56.19	-17.22	LINE	QP
13	0.521	20.01	19.89	0.12	46.00	-25.99	LINE	Average
14	0.521	40.04	39.92	0.12	56.00	-15.96	LINE	QP
15	0.564	19.14	19.02	0.12	46.00	-26.86	LINE	Average
16	0.564	34.68	34.56	0.12	56.00	-21.32	LINE	QP
17	0.598	26.24	26.12	0.12	46.00	-19.76	LINE	Average
18	0.598	40.01	39.89	0.12	56.00	-15.99	LINE	QP
19	0.630	28.98	28.86	0.12	46.00	-17.02	LINE	Average
20	0.630	41.47	41.35	0.12	56.00	-14.53	LINE	QP
21	12.988	32.67	32.11	0.56	50.00	-17.33	LINE	Average
22	12.988	39.47	38.91	0.56	60.00	-20.53	LINE	QP
23	15.801	33.80	33.18	0.62	50.00	-16.20	LINE	Average
24	15.801	40.26	39.64	0.62	60.00	-19.74	LINE	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

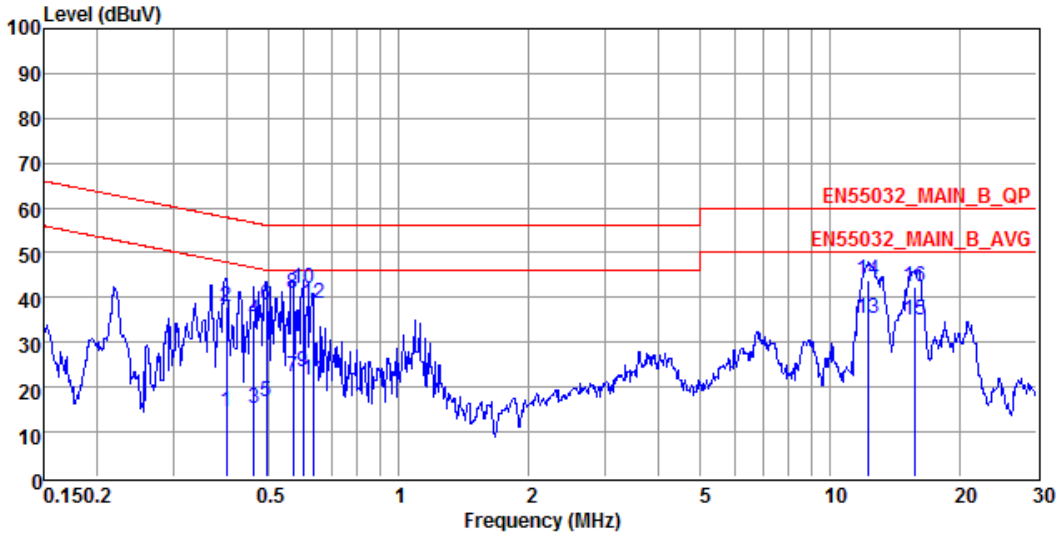
Test Mode	:	Mode 1 (Model No.: DRP-3200-24 Slot A, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Neutral**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.219	41.11	41.02	0.09	52.88	-11.77	NEUTRAL	Average
2	0.219	48.71	48.62	0.09	62.88	-14.17	NEUTRAL	QP
3	0.294	29.83	29.74	0.09	50.41	-20.58	NEUTRAL	Average
4	0.294	44.15	44.06	0.09	60.41	-16.26	NEUTRAL	QP
5	0.456	15.82	15.72	0.10	46.76	-30.94	NEUTRAL	Average
6	0.456	35.88	35.78	0.10	56.76	-20.88	NEUTRAL	QP
7	0.489	17.62	17.52	0.10	46.19	-28.57	NEUTRAL	Average
8	0.489	37.40	37.30	0.10	56.19	-18.79	NEUTRAL	QP
9	0.518	18.38	18.28	0.10	46.00	-27.62	NEUTRAL	Average
10	0.518	38.67	38.57	0.10	56.00	-17.33	NEUTRAL	QP
11	0.552	20.38	20.28	0.10	46.00	-25.62	NEUTRAL	Average
12	0.552	38.44	38.34	0.10	56.00	-17.56	NEUTRAL	QP
13	0.598	25.17	25.07	0.10	46.00	-20.83	NEUTRAL	Average
14	0.598	38.97	38.87	0.10	56.00	-17.03	NEUTRAL	QP
15	0.630	28.48	28.38	0.10	46.00	-17.52	NEUTRAL	Average
16	0.630	41.00	40.90	0.10	56.00	-15.00	NEUTRAL	QP
17	0.658	25.39	25.28	0.11	46.00	-20.61	NEUTRAL	Average
18	0.658	37.16	37.05	0.11	56.00	-18.84	NEUTRAL	QP
19	15.635	33.51	32.88	0.63	50.00	-16.49	NEUTRAL	Average
20	15.635	39.98	39.35	0.63	60.00	-20.02	NEUTRAL	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

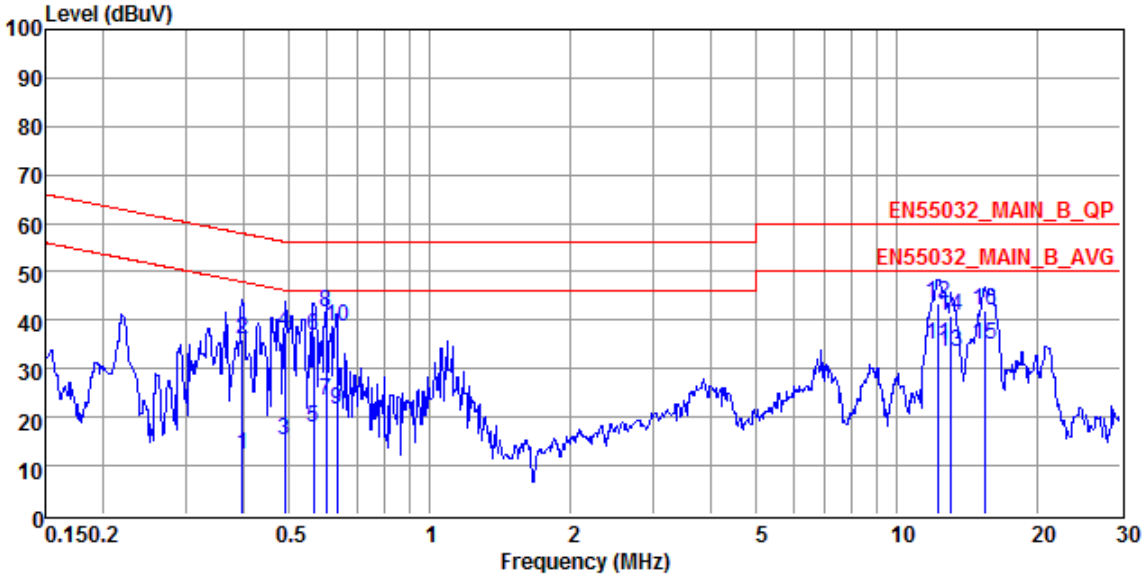
Test Mode	:	Mode 1 (Model No.: DRP-3200-24 Slot A, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Line**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.398	14.60	14.50	0.10	47.90	-33.30	LINE	Average
2	0.398	38.01	37.91	0.10	57.90	-19.89	LINE	QP
3	0.461	15.10	14.99	0.11	46.67	-31.57	LINE	Average
4	0.461	34.76	34.65	0.11	56.67	-21.91	LINE	QP
5	0.491	16.75	16.64	0.11	46.14	-29.39	LINE	Average
6	0.491	38.31	38.20	0.11	56.14	-17.83	LINE	QP
7	0.567	22.17	22.05	0.12	46.00	-23.83	LINE	Average
8	0.567	40.91	40.79	0.12	56.00	-15.09	LINE	QP
9	0.598	23.59	23.47	0.12	46.00	-22.41	LINE	Average
10	0.598	42.07	41.95	0.12	56.00	-13.93	LINE	QP
11	0.630	21.61	21.49	0.12	46.00	-24.39	LINE	Average
12	0.630	38.82	38.70	0.12	56.00	-17.18	LINE	QP
13	12.253	35.15	34.61	0.54	50.00	-14.85	LINE	Average
14	12.253	43.78	43.24	0.54	60.00	-16.22	LINE	QP
15	15.718	34.98	34.38	0.60	50.00	-15.02	LINE	Average
16	15.718	42.36	41.76	0.60	60.00	-17.64	LINE	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

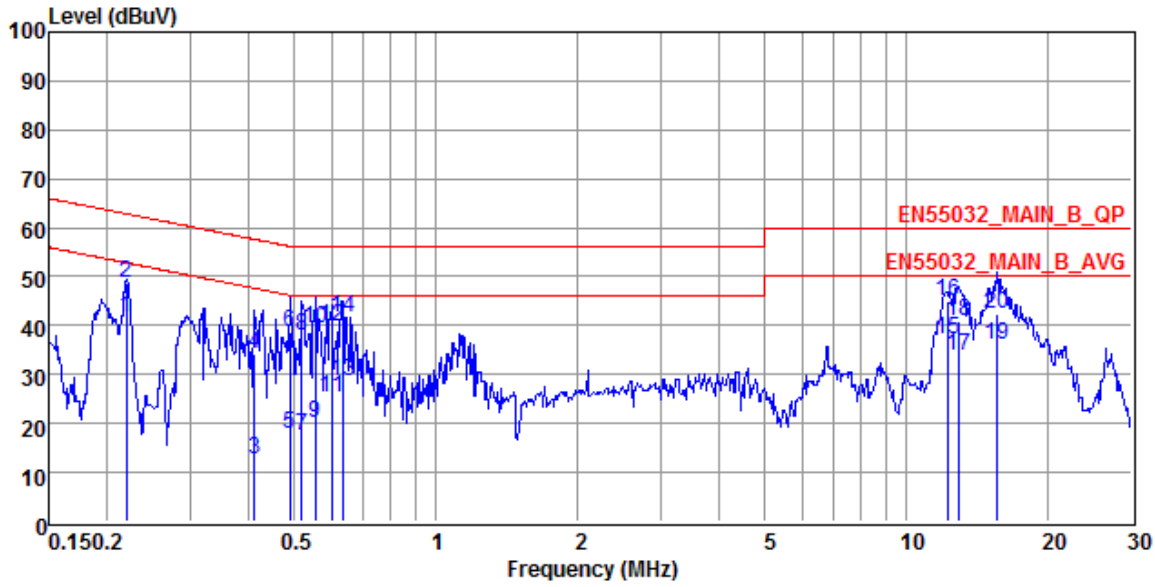
Test Mode	:	Mode 1 (Model No.: DRP-3200-24 Slot A, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Neutral**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.396	12.40	12.31	0.09	47.95	-35.55	NEUTRAL	Average
2	0.396	36.18	36.09	0.09	57.95	-21.77	NEUTRAL	QP
3	0.489	15.19	15.09	0.10	46.19	-31.00	NEUTRAL	Average
4	0.489	37.37	37.27	0.10	56.19	-18.82	NEUTRAL	QP
5	0.564	17.93	17.83	0.10	46.00	-28.07	NEUTRAL	Average
6	0.564	36.63	36.53	0.10	56.00	-19.37	NEUTRAL	QP
7	0.598	23.35	23.25	0.10	46.00	-22.65	NEUTRAL	Average
8	0.598	41.79	41.69	0.10	56.00	-14.21	NEUTRAL	QP
9	0.630	21.46	21.36	0.10	46.00	-24.54	NEUTRAL	Average
10	0.630	38.68	38.58	0.10	56.00	-17.32	NEUTRAL	QP
11	12.188	34.83	34.28	0.55	50.00	-15.17	NEUTRAL	Average
12	12.188	43.64	43.09	0.55	60.00	-16.36	NEUTRAL	QP
13	13.057	33.58	33.00	0.58	50.00	-16.42	NEUTRAL	Average
14	13.057	41.02	40.44	0.58	60.00	-18.98	NEUTRAL	QP
15	15.388	34.76	34.14	0.62	50.00	-15.24	NEUTRAL	Average
16	15.388	42.19	41.57	0.62	60.00	-17.81	NEUTRAL	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

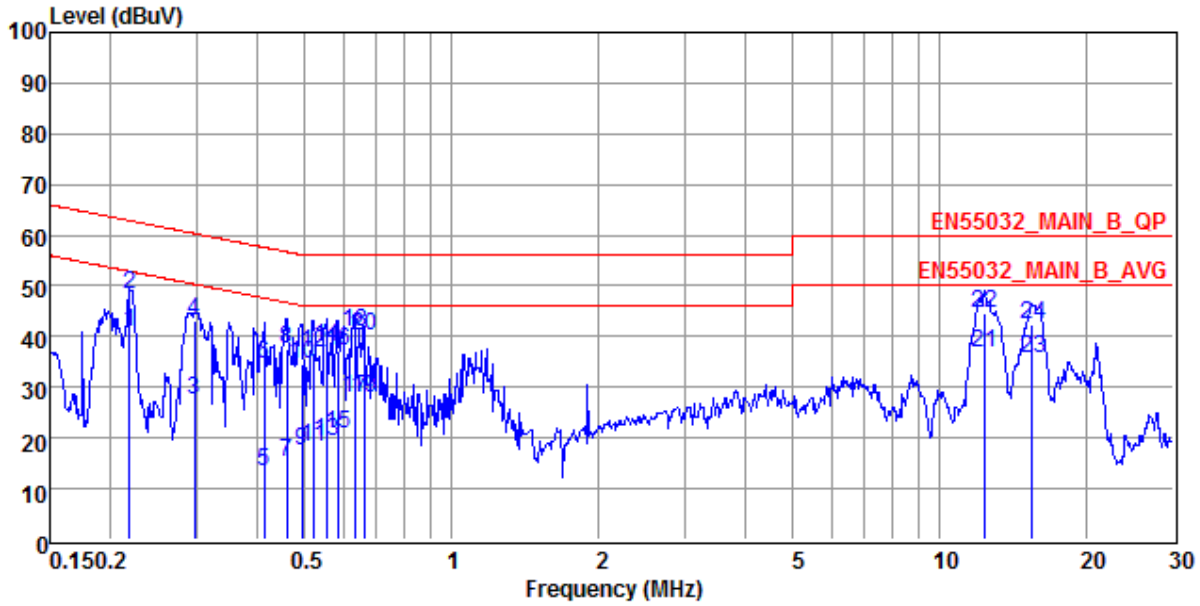
Test Mode	:	Mode 2 (Model No.: DRP-3200-24 Slot B, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Line**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.220	41.65	41.55	0.10	52.83	-11.18	LINE	Average
2	0.220	48.54	48.44	0.10	62.83	-14.29	LINE	QP
3	0.410	12.74	12.64	0.10	47.64	-34.90	LINE	Average
4	0.410	34.24	34.14	0.10	57.64	-23.40	LINE	QP
5	0.489	17.80	17.69	0.11	46.19	-28.39	LINE	Average
6	0.489	38.78	38.67	0.11	56.19	-17.41	LINE	QP
7	0.518	17.37	17.25	0.12	46.00	-28.63	LINE	Average
8	0.518	38.09	37.97	0.12	56.00	-17.91	LINE	QP
9	0.552	20.09	19.97	0.12	46.00	-25.91	LINE	Average
10	0.552	39.40	39.28	0.12	56.00	-16.60	LINE	QP
11	0.598	25.45	25.33	0.12	46.00	-20.55	LINE	Average
12	0.598	39.66	39.54	0.12	56.00	-16.34	LINE	QP
13	0.630	28.74	28.62	0.12	46.00	-17.26	LINE	Average
14	0.630	41.46	41.34	0.12	56.00	-14.54	LINE	QP
15	12.188	37.04	36.50	0.54	50.00	-12.96	LINE	Average
16	12.188	45.06	44.52	0.54	60.00	-14.94	LINE	QP
17	12.920	33.98	33.42	0.56	50.00	-16.02	LINE	Average
18	12.920	40.78	40.22	0.56	60.00	-19.22	LINE	QP
19	15.552	35.88	35.28	0.60	50.00	-14.12	LINE	Average
20	15.552	42.40	41.80	0.60	60.00	-17.60	LINE	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

Test Mode	:	Mode 2 (Model No.: DRP-3200-24 Slot B, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Neutral**

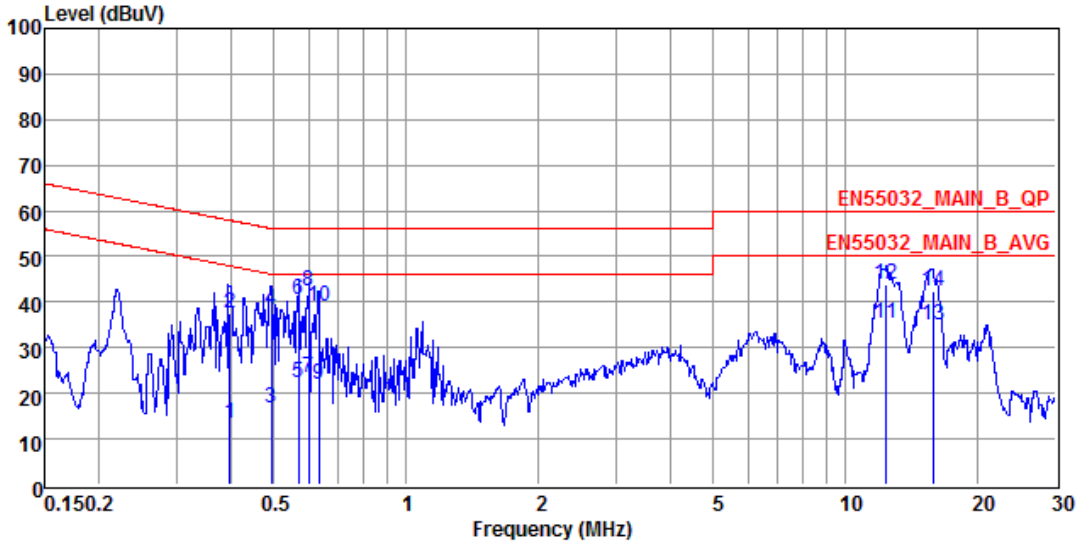


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.219	40.97	40.88	0.09	52.88	-11.91	NEUTRAL	Average
2	0.219	48.50	48.41	0.09	62.88	-14.38	NEUTRAL	QP
3	0.297	27.69	27.60	0.09	50.32	-22.63	NEUTRAL	Average
4	0.297	42.96	42.87	0.09	60.32	-17.36	NEUTRAL	QP
5	0.413	13.52	13.43	0.09	47.59	-34.07	NEUTRAL	Average
6	0.413	34.41	34.32	0.09	57.59	-23.18	NEUTRAL	QP
7	0.459	15.23	15.13	0.10	46.71	-31.48	NEUTRAL	Average
8	0.459	37.40	37.30	0.10	56.71	-19.31	NEUTRAL	QP
9	0.491	17.33	17.23	0.10	46.14	-28.81	NEUTRAL	Average
10	0.491	34.45	34.35	0.10	56.14	-21.69	NEUTRAL	QP
11	0.521	18.21	18.11	0.10	46.00	-27.79	NEUTRAL	Average
12	0.521	36.85	36.75	0.10	56.00	-19.15	NEUTRAL	QP
13	0.552	19.36	19.26	0.10	46.00	-26.64	NEUTRAL	Average
14	0.552	37.98	37.88	0.10	56.00	-18.02	NEUTRAL	QP
15	0.582	20.76	20.66	0.10	46.00	-25.24	NEUTRAL	Average
16	0.582	37.06	36.96	0.10	56.00	-18.94	NEUTRAL	QP
17	0.630	27.92	27.82	0.10	46.00	-18.08	NEUTRAL	Average
18	0.630	41.01	40.91	0.10	56.00	-14.99	NEUTRAL	QP
19	0.661	27.86	27.75	0.11	46.00	-18.14	NEUTRAL	Average
20	0.661	40.27	40.16	0.11	56.00	-15.73	NEUTRAL	QP
21	12.384	36.72	36.16	0.56	50.00	-13.28	NEUTRAL	Average
22	12.384	44.48	43.92	0.56	60.00	-15.52	NEUTRAL	QP
23	15.470	35.81	35.19	0.62	50.00	-14.19	NEUTRAL	Average
24	15.470	42.31	41.69	0.62	60.00	-17.69	NEUTRAL	QP

Note:

1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

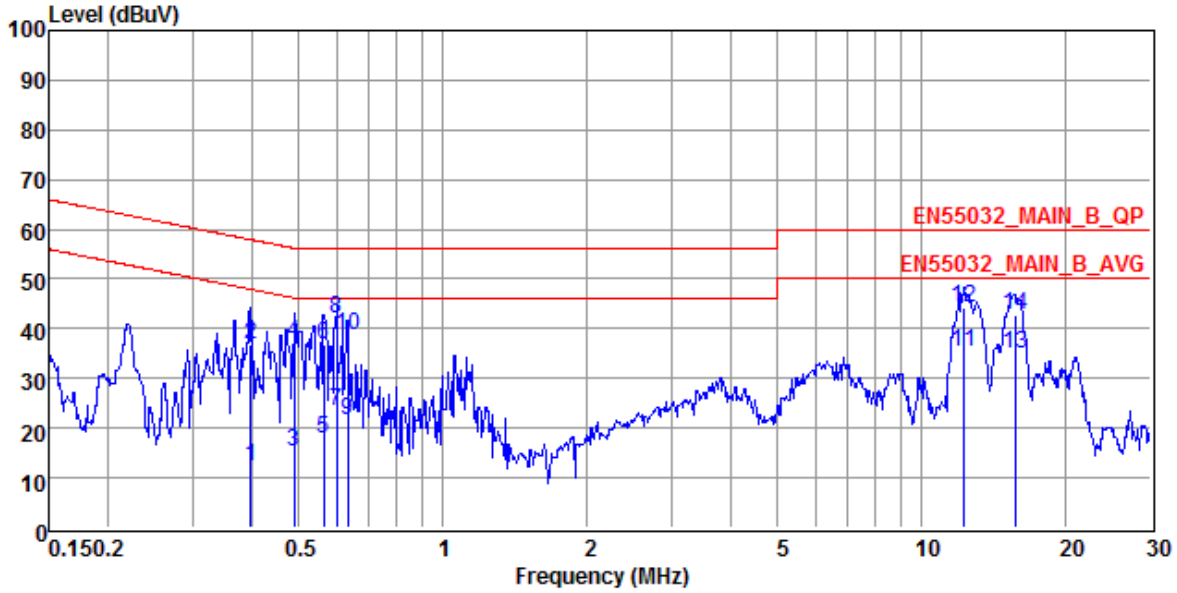
Test Mode	:	Mode 2 (Model No.: DRP-3200-24 Slot B, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Line**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.396	13.53	13.43	0.10	47.93	-34.40	LINE	Average
2	0.396	37.73	37.63	0.10	57.93	-20.20	LINE	QP
3	0.491	16.68	16.57	0.11	46.14	-29.46	LINE	Average
4	0.491	38.18	38.07	0.11	56.14	-17.96	LINE	QP
5	0.567	22.16	22.04	0.12	46.00	-23.84	LINE	Average
6	0.567	40.66	40.54	0.12	56.00	-15.34	LINE	QP
7	0.598	23.57	23.45	0.12	46.00	-22.43	LINE	Average
8	0.598	42.38	42.26	0.12	56.00	-13.62	LINE	QP
9	0.630	21.96	21.84	0.12	46.00	-24.04	LINE	Average
10	0.630	39.04	38.92	0.12	56.00	-16.96	LINE	QP
11	12.384	35.41	34.87	0.54	50.00	-14.59	LINE	Average
12	12.384	43.98	43.44	0.54	60.00	-16.02	LINE	QP
13	15.801	35.08	34.46	0.62	50.00	-14.92	LINE	Average
14	15.801	42.41	41.79	0.62	60.00	-17.59	LINE	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

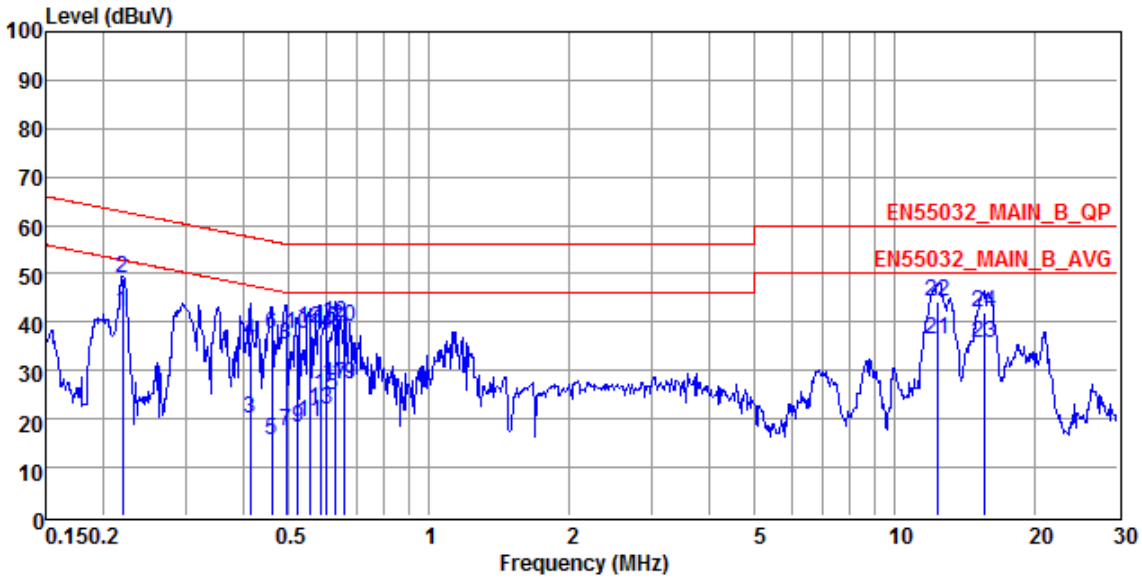
Test Mode	:	Mode 2 (Model No.: DRP-3200-24 Slot B, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Neutral**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.396	12.30	12.21	0.09	47.95	-35.65	NEUTRAL	Average
2	0.396	36.84	36.75	0.09	57.95	-21.11	NEUTRAL	QP
3	0.489	15.26	15.16	0.10	46.19	-30.93	NEUTRAL	Average
4	0.489	37.33	37.23	0.10	56.19	-18.86	NEUTRAL	QP
5	0.564	17.83	17.73	0.10	46.00	-28.17	NEUTRAL	Average
6	0.564	36.78	36.68	0.10	56.00	-19.22	NEUTRAL	QP
7	0.598	23.32	23.22	0.10	46.00	-22.68	NEUTRAL	Average
8	0.598	42.10	42.00	0.10	56.00	-13.90	NEUTRAL	QP
9	0.630	21.59	21.49	0.10	46.00	-24.41	NEUTRAL	Average
10	0.630	38.79	38.69	0.10	56.00	-17.21	NEUTRAL	QP
11	12.253	35.50	34.95	0.55	50.00	-14.50	NEUTRAL	Average
12	12.253	44.36	43.81	0.55	60.00	-15.64	NEUTRAL	QP
13	15.635	35.02	34.39	0.63	50.00	-14.98	NEUTRAL	Average
14	15.635	42.74	42.11	0.63	60.00	-17.26	NEUTRAL	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

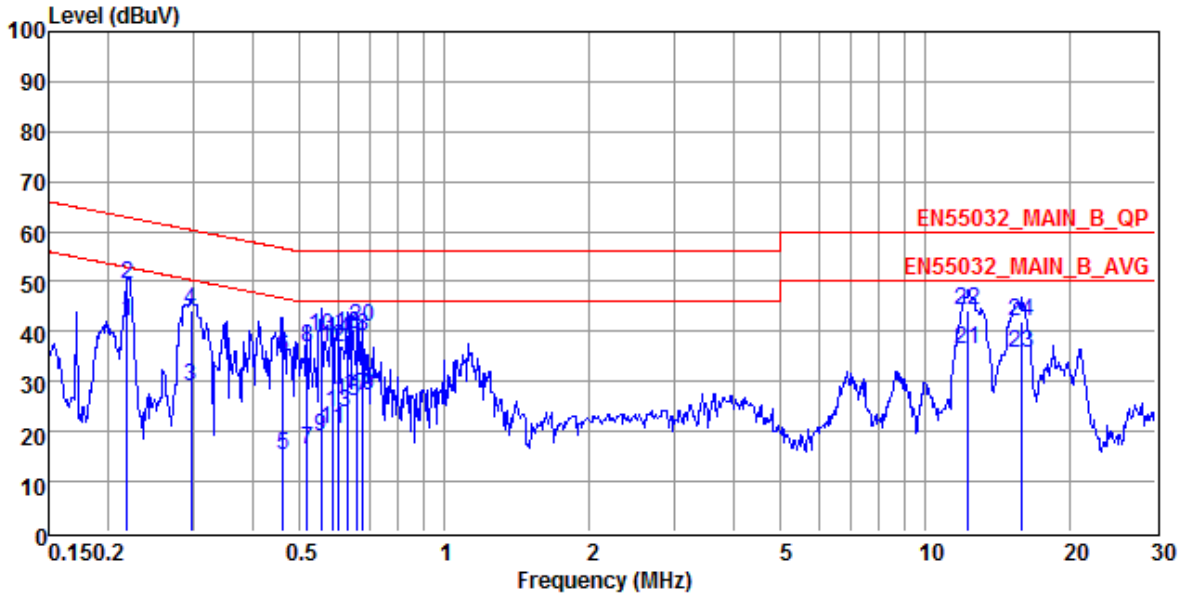
Test Mode	:	Mode 3 (Model No.: DRP-3200-24 Slot C, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Line**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.220	42.09	41.99	0.10	52.83	-10.74	LINE	Average
2	0.220	49.21	49.11	0.10	62.83	-13.62	LINE	QP
3	0.413	20.21	20.11	0.10	47.59	-27.38	LINE	Average
4	0.413	36.22	36.12	0.10	57.59	-21.37	LINE	QP
5	0.459	15.65	15.54	0.11	46.71	-31.06	LINE	Average
6	0.459	37.63	37.52	0.11	56.71	-19.08	LINE	QP
7	0.491	17.64	17.53	0.11	46.14	-28.50	LINE	Average
8	0.491	35.48	35.37	0.11	56.14	-20.66	LINE	QP
9	0.521	18.24	18.12	0.12	46.00	-27.76	LINE	Average
10	0.521	37.56	37.44	0.12	56.00	-18.44	LINE	QP
11	0.552	19.47	19.35	0.12	46.00	-26.53	LINE	Average
12	0.552	38.79	38.67	0.12	56.00	-17.21	LINE	QP
13	0.582	21.89	21.77	0.12	46.00	-24.11	LINE	Average
14	0.582	37.57	37.45	0.12	56.00	-18.43	LINE	QP
15	0.598	25.08	24.96	0.12	46.00	-20.92	LINE	Average
16	0.598	38.81	38.69	0.12	56.00	-17.19	LINE	QP
17	0.627	27.27	27.15	0.12	46.00	-18.73	LINE	Average
18	0.627	39.71	39.59	0.12	56.00	-16.29	LINE	QP
19	0.658	27.06	26.94	0.12	46.00	-18.94	LINE	Average
20	0.658	39.19	39.07	0.12	56.00	-16.81	LINE	QP
21	12.384	36.38	35.84	0.54	50.00	-13.62	LINE	Average
22	12.384	44.11	43.57	0.54	60.00	-15.89	LINE	QP
23	15.552	35.53	34.93	0.60	50.00	-14.47	LINE	Average
24	15.552	42.05	41.45	0.60	60.00	-17.95	LINE	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

Test Mode	:	Mode 3 (Model No.: DRP-3200-24 Slot C, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Neutral**

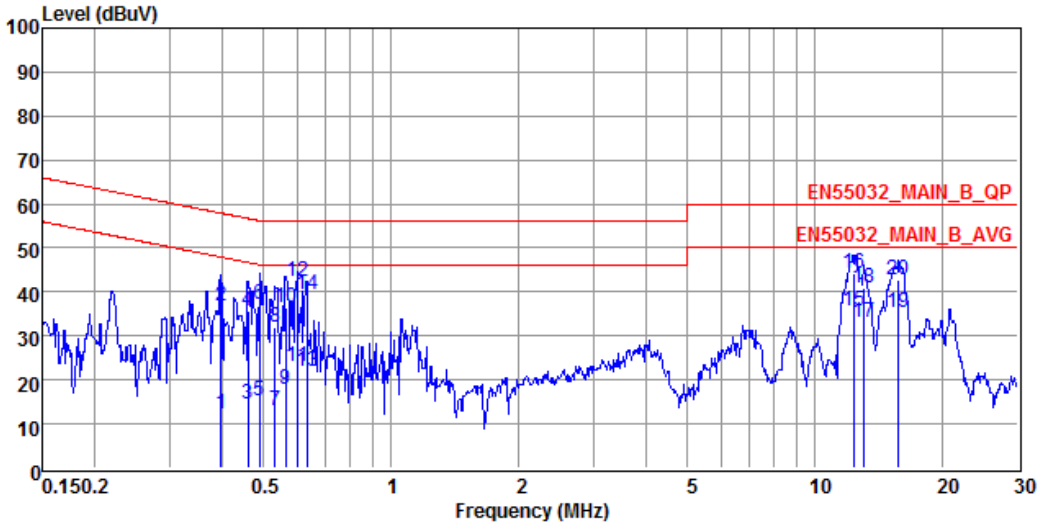


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.219	41.89	41.80	0.09	52.88	-10.99	NEUTRAL	Average
2	0.219	49.53	49.44	0.09	62.88	-13.35	NEUTRAL	QP
3	0.297	28.83	28.74	0.09	50.32	-21.49	NEUTRAL	Average
4	0.297	44.41	44.32	0.09	60.32	-15.91	NEUTRAL	QP
5	0.461	15.13	15.03	0.10	46.67	-31.54	NEUTRAL	Average
6	0.461	34.77	34.67	0.10	56.67	-21.90	NEUTRAL	QP
7	0.518	16.24	16.14	0.10	46.00	-29.76	NEUTRAL	Average
8	0.518	36.89	36.79	0.10	56.00	-19.11	NEUTRAL	QP
9	0.552	19.06	18.96	0.10	46.00	-26.94	NEUTRAL	Average
10	0.552	38.85	38.75	0.10	56.00	-17.15	NEUTRAL	QP
11	0.585	20.35	20.25	0.10	46.00	-25.65	NEUTRAL	Average
12	0.585	36.97	36.87	0.10	56.00	-19.03	NEUTRAL	QP
13	0.598	23.92	23.82	0.10	46.00	-22.08	NEUTRAL	Average
14	0.598	38.35	38.25	0.10	56.00	-17.65	NEUTRAL	QP
15	0.627	26.14	26.04	0.10	46.00	-19.86	NEUTRAL	Average
16	0.627	39.44	39.34	0.10	56.00	-16.56	NEUTRAL	QP
17	0.658	27.07	26.96	0.11	46.00	-18.93	NEUTRAL	Average
18	0.658	39.05	38.94	0.11	56.00	-16.95	NEUTRAL	QP
19	0.675	27.02	26.91	0.11	46.00	-18.98	NEUTRAL	Average
20	0.675	40.72	40.61	0.11	56.00	-15.28	NEUTRAL	QP
21	12.253	36.44	35.89	0.55	50.00	-13.56	NEUTRAL	Average
22	12.253	44.16	43.61	0.55	60.00	-15.84	NEUTRAL	QP
23	15.885	35.79	35.15	0.64	50.00	-14.21	NEUTRAL	Average
24	15.885	41.90	41.26	0.64	60.00	-18.10	NEUTRAL	QP

Note:

1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

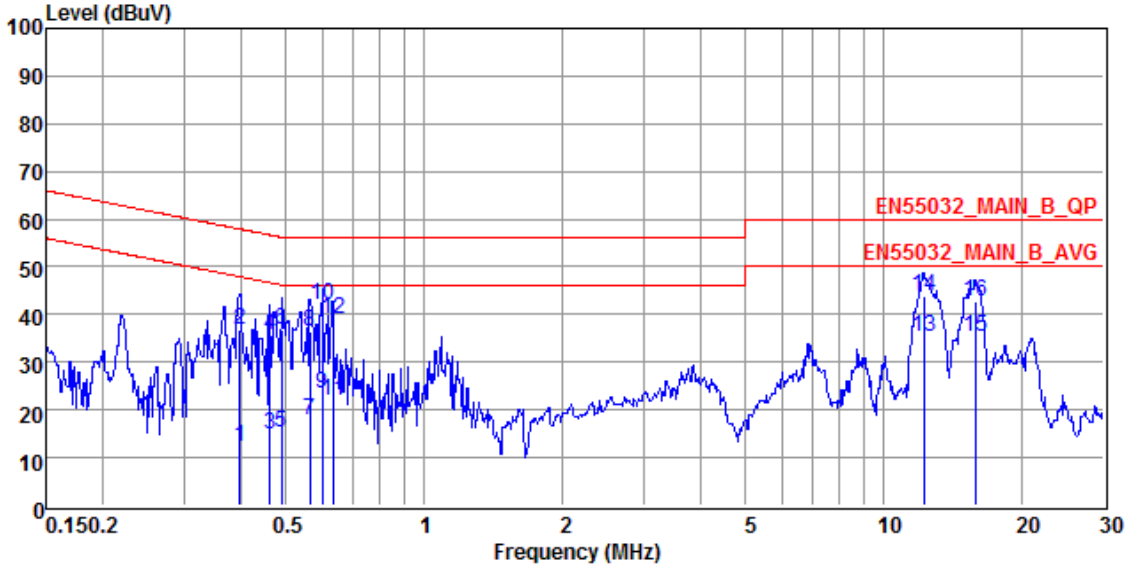
Test Mode	:	Mode 3 (Model No.: DRP-3200-24 Slot C, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Line**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.396	12.37	12.27	0.10	47.95	-35.58	LINE	Average
2	0.396	36.87	36.77	0.10	57.95	-21.08	LINE	QP
3	0.459	14.45	14.34	0.11	46.71	-32.26	LINE	Average
4	0.459	35.77	35.66	0.11	56.71	-20.94	LINE	QP
5	0.489	15.36	15.25	0.11	46.19	-30.83	LINE	Average
6	0.489	37.34	37.23	0.11	56.19	-18.85	LINE	QP
7	0.532	12.92	12.80	0.12	46.00	-33.08	LINE	Average
8	0.532	32.03	31.91	0.12	56.00	-23.97	LINE	QP
9	0.564	17.70	17.58	0.12	46.00	-28.30	LINE	Average
10	0.564	36.61	36.49	0.12	56.00	-19.39	LINE	QP
11	0.598	23.03	22.91	0.12	46.00	-22.97	LINE	Average
12	0.598	42.20	42.08	0.12	56.00	-13.80	LINE	QP
13	0.630	22.09	21.97	0.12	46.00	-23.91	LINE	Average
14	0.630	39.44	39.32	0.12	56.00	-16.56	LINE	QP
15	12.318	35.54	35.00	0.54	50.00	-14.46	LINE	Average
16	12.318	44.41	43.87	0.54	60.00	-15.59	LINE	QP
17	12.988	32.92	32.36	0.56	50.00	-17.08	LINE	Average
18	12.988	40.80	40.24	0.56	60.00	-19.20	LINE	QP
19	15.718	35.23	34.63	0.60	50.00	-14.77	LINE	Average
20	15.718	42.84	42.24	0.60	60.00	-17.16	LINE	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

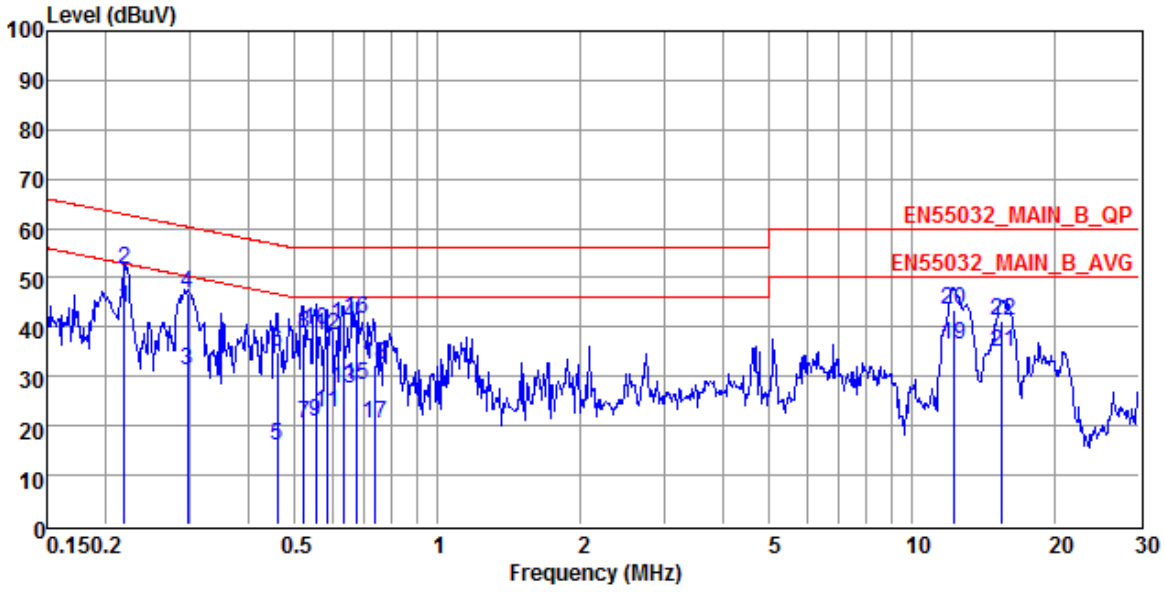
Test Mode	:	Mode 3 (Model No.: DRP-3200-24 Slot C, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	58%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Neutral**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.396	12.35	12.26	0.09	47.95	-35.60	NEUTRAL	Average
2	0.396	36.97	36.88	0.09	57.95	-20.98	NEUTRAL	QP
3	0.461	14.83	14.73	0.10	46.67	-31.84	NEUTRAL	Average
4	0.461	35.51	35.41	0.10	56.67	-21.16	NEUTRAL	QP
5	0.489	15.23	15.13	0.10	46.19	-30.96	NEUTRAL	Average
6	0.489	36.96	36.86	0.10	56.19	-19.23	NEUTRAL	QP
7	0.564	17.82	17.72	0.10	46.00	-28.18	NEUTRAL	Average
8	0.564	36.57	36.47	0.10	56.00	-19.43	NEUTRAL	QP
9	0.598	23.48	23.38	0.10	46.00	-22.52	NEUTRAL	Average
10	0.598	42.08	41.98	0.10	56.00	-13.92	NEUTRAL	QP
11	0.630	22.02	21.92	0.10	46.00	-23.98	NEUTRAL	Average
12	0.630	38.91	38.81	0.10	56.00	-17.09	NEUTRAL	QP
13	12.188	35.14	34.59	0.55	50.00	-14.86	NEUTRAL	Average
14	12.188	43.89	43.34	0.55	60.00	-16.11	NEUTRAL	QP
15	15.801	35.22	34.58	0.64	50.00	-14.78	NEUTRAL	Average
16	15.801	42.61	41.97	0.64	60.00	-17.39	NEUTRAL	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

Test Mode	:	Mode 4 (Model No.: DRP-3200-24 Slot D, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	58%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Line**

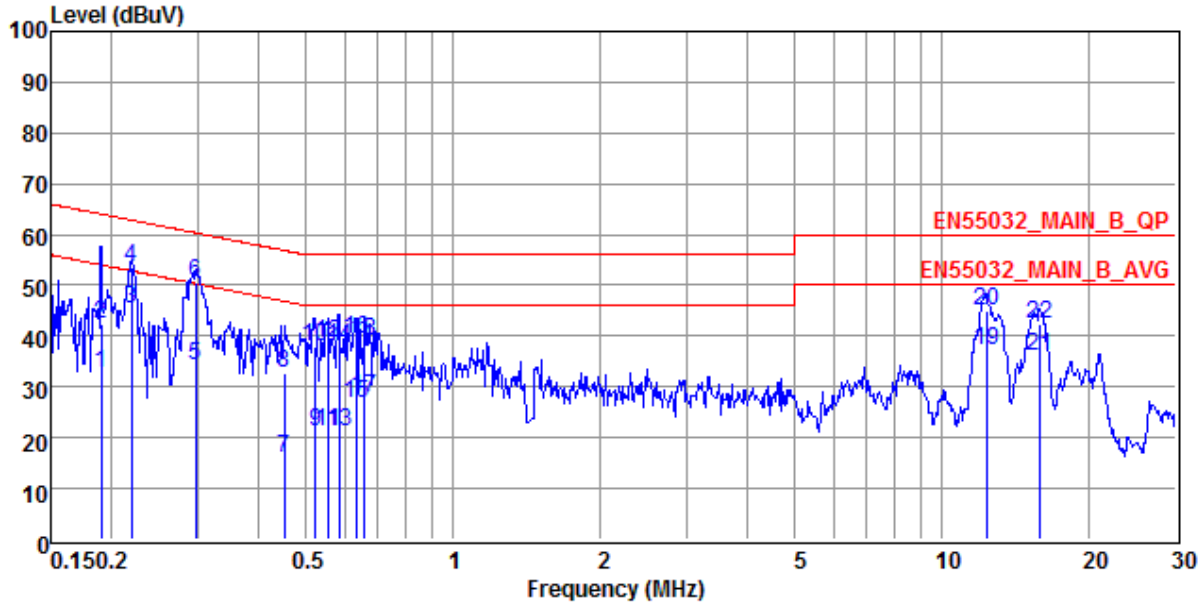


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.219	43.73	43.63	0.10	52.88	-9.15	LINE	Average
2	0.219	51.56	51.46	0.10	62.88	-11.32	LINE	QP
3	0.297	31.15	31.05	0.10	50.32	-19.17	LINE	Average
4	0.297	46.95	46.85	0.10	60.32	-13.37	LINE	QP
5	0.459	16.10	15.99	0.11	46.71	-30.61	LINE	Average
6	0.459	34.90	34.79	0.11	56.71	-21.81	LINE	QP
7	0.521	20.54	20.42	0.12	46.00	-25.46	LINE	Average
8	0.521	38.59	38.47	0.12	56.00	-17.41	LINE	QP
9	0.552	20.78	20.66	0.12	46.00	-25.22	LINE	Average
10	0.552	39.35	39.23	0.12	56.00	-16.65	LINE	QP
11	0.582	22.76	22.64	0.12	46.00	-23.24	LINE	Average
12	0.582	38.31	38.19	0.12	56.00	-17.69	LINE	QP
13	0.630	27.46	27.34	0.12	46.00	-18.54	LINE	Average
14	0.630	40.50	40.38	0.12	56.00	-15.50	LINE	QP
15	0.675	28.09	27.97	0.12	46.00	-17.91	LINE	Average
16	0.675	41.48	41.36	0.12	56.00	-14.52	LINE	QP
17	0.739	20.55	20.43	0.12	46.00	-25.45	LINE	Average
18	0.739	32.49	32.37	0.12	56.00	-23.51	LINE	QP
19	12.188	36.37	35.83	0.54	50.00	-13.63	LINE	Average
20	12.188	43.55	43.01	0.54	60.00	-16.45	LINE	QP
21	15.470	35.13	34.53	0.60	50.00	-14.87	LINE	Average
22	15.470	41.31	40.71	0.60	60.00	-18.69	LINE	QP

Note:

1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

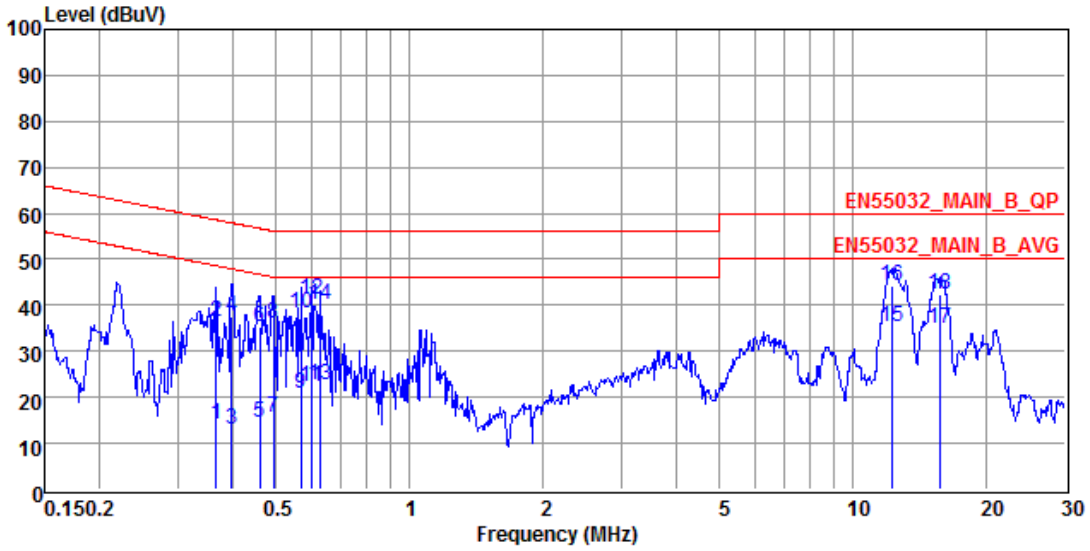
Test Mode	:	Mode 4 (Model No.: DRP-3200-24 Slot D, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Neutral**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.190	32.73	32.64	0.09	54.02	-21.29	NEUTRAL	Average
2	0.190	42.20	42.11	0.09	64.02	-21.82	NEUTRAL	QP
3	0.220	45.36	45.27	0.09	52.83	-7.47	NEUTRAL	Average
4	0.220	53.63	53.54	0.09	62.83	-9.20	NEUTRAL	QP
5	0.297	34.33	34.24	0.09	50.32	-15.99	NEUTRAL	Average
6	0.297	50.59	50.50	0.09	60.32	-9.73	NEUTRAL	QP
7	0.452	16.01	15.91	0.10	46.85	-30.84	NEUTRAL	Average
8	0.452	32.63	32.53	0.10	56.85	-24.22	NEUTRAL	QP
9	0.521	21.23	21.13	0.10	46.00	-24.77	NEUTRAL	Average
10	0.521	37.97	37.87	0.10	56.00	-18.03	NEUTRAL	QP
11	0.552	21.33	21.23	0.10	46.00	-24.67	NEUTRAL	Average
12	0.552	38.74	38.64	0.10	56.00	-17.26	NEUTRAL	QP
13	0.582	21.25	21.15	0.10	46.00	-24.75	NEUTRAL	Average
14	0.582	38.04	37.94	0.10	56.00	-17.96	NEUTRAL	QP
15	0.630	26.87	26.77	0.10	46.00	-19.13	NEUTRAL	Average
16	0.630	39.54	39.44	0.10	56.00	-16.46	NEUTRAL	QP
17	0.658	27.72	27.61	0.11	46.00	-18.28	NEUTRAL	Average
18	0.658	39.09	38.98	0.11	56.00	-16.91	NEUTRAL	QP
19	12.318	37.14	36.58	0.56	50.00	-12.86	NEUTRAL	Average
20	12.318	45.00	44.44	0.56	60.00	-15.00	NEUTRAL	QP
21	15.885	36.04	35.40	0.64	50.00	-13.96	NEUTRAL	Average
22	15.885	42.27	41.63	0.64	60.00	-17.73	NEUTRAL	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

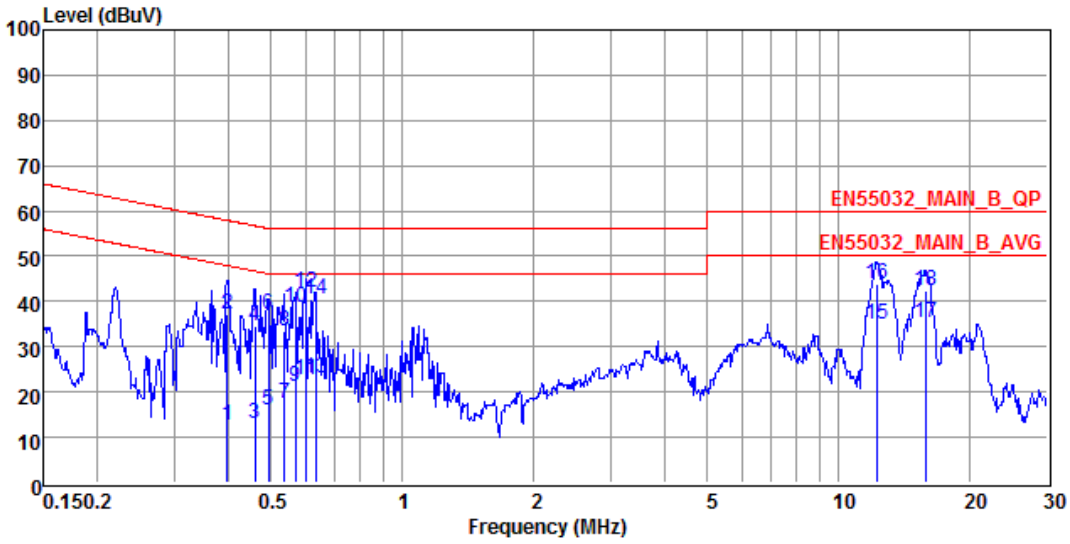
Test Mode	:	Mode 4 (Model No.: DRP-3200-24 Slot D, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Line**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.365	14.11	14.01	0.10	48.61	-34.50	LINE	Average
2	0.365	36.49	36.39	0.10	58.61	-22.12	LINE	QP
3	0.396	12.91	12.81	0.10	47.95	-35.04	LINE	Average
4	0.396	37.54	37.44	0.10	57.95	-20.41	LINE	QP
5	0.459	14.38	14.27	0.11	46.71	-32.33	LINE	Average
6	0.459	35.34	35.23	0.11	56.71	-21.37	LINE	QP
7	0.491	15.79	15.68	0.11	46.14	-30.35	LINE	Average
8	0.491	36.17	36.06	0.11	56.14	-19.97	LINE	QP
9	0.567	20.71	20.59	0.12	46.00	-25.29	LINE	Average
10	0.567	38.21	38.09	0.12	56.00	-17.79	LINE	QP
11	0.598	22.49	22.37	0.12	46.00	-23.51	LINE	Average
12	0.598	41.20	41.08	0.12	56.00	-14.80	LINE	QP
13	0.627	22.82	22.70	0.12	46.00	-23.18	LINE	Average
14	0.627	40.06	39.94	0.12	56.00	-15.94	LINE	QP
15	12.253	35.27	34.73	0.54	50.00	-14.73	LINE	Average
16	12.253	44.17	43.63	0.54	60.00	-15.83	LINE	QP
17	15.718	34.93	34.33	0.60	50.00	-15.07	LINE	Average
18	15.718	42.35	41.75	0.60	60.00	-17.65	LINE	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

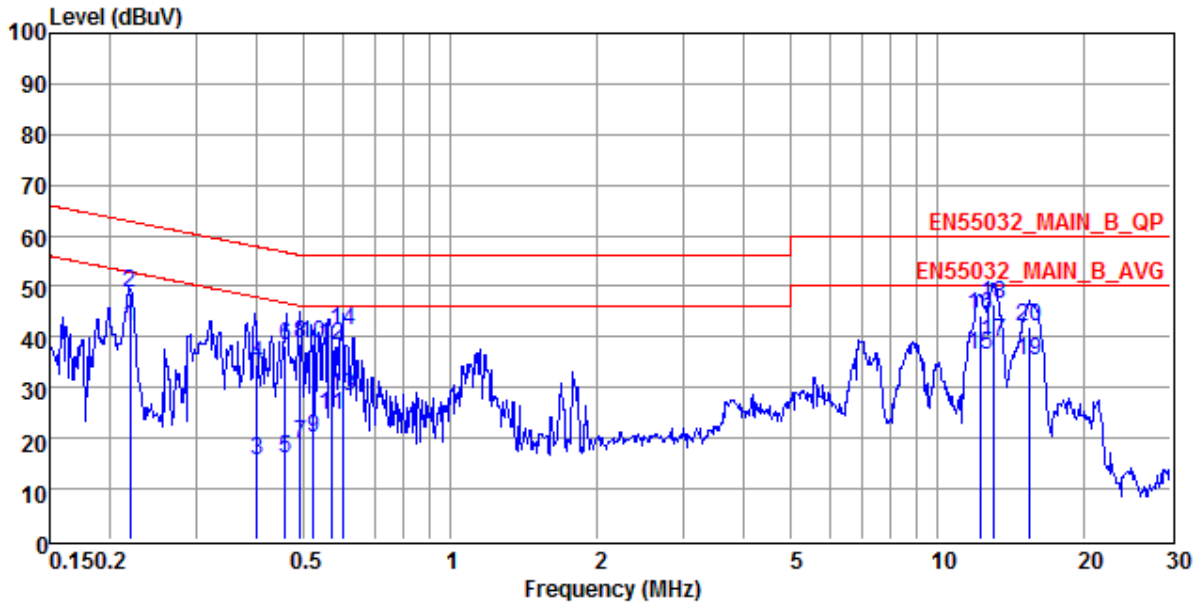
Test Mode	**:**	Mode 4 (Model No.: DRP-3200-24 Slot D, Half Load)			
Test Voltage	**:**	230V/50Hz			
Tester	**:**	Der-Jan Ken	**Temperature**	**:**	24°C
Humidity	**:**	61%RH	**Frequency Range**	**:**	150kHz~30MHz
IF Bandwidth	**:**	9kHz	**Phase**	**:**	**Neutral**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.396	12.60	12.51	0.09	47.95	-35.35	NEUTRAL	Average
2	0.396	37.34	37.25	0.09	57.95	-20.61	NEUTRAL	QP
3	0.459	12.99	12.89	0.10	46.71	-33.72	NEUTRAL	Average
4	0.459	34.59	34.49	0.10	56.71	-22.12	NEUTRAL	QP
5	0.491	15.98	15.88	0.10	46.14	-30.16	NEUTRAL	Average
6	0.491	37.02	36.92	0.10	56.14	-19.12	NEUTRAL	QP
7	0.535	17.38	17.28	0.10	46.00	-28.62	NEUTRAL	Average
8	0.535	33.58	33.48	0.10	56.00	-22.42	NEUTRAL	QP
9	0.567	21.03	20.93	0.10	46.00	-24.97	NEUTRAL	Average
10	0.567	38.54	38.44	0.10	56.00	-17.46	NEUTRAL	QP
11	0.598	22.66	22.56	0.10	46.00	-23.34	NEUTRAL	Average
12	0.598	41.87	41.77	0.10	56.00	-14.13	NEUTRAL	QP
13	0.630	23.22	23.12	0.10	46.00	-22.78	NEUTRAL	Average
14	0.630	40.66	40.56	0.10	56.00	-15.34	NEUTRAL	QP
15	12.188	34.87	34.32	0.55	50.00	-15.13	NEUTRAL	Average
16	12.188	43.71	43.16	0.55	60.00	-16.29	NEUTRAL	QP
17	15.801	35.14	34.50	0.64	50.00	-14.86	NEUTRAL	Average
18	15.801	42.37	41.73	0.64	60.00	-17.63	NEUTRAL	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

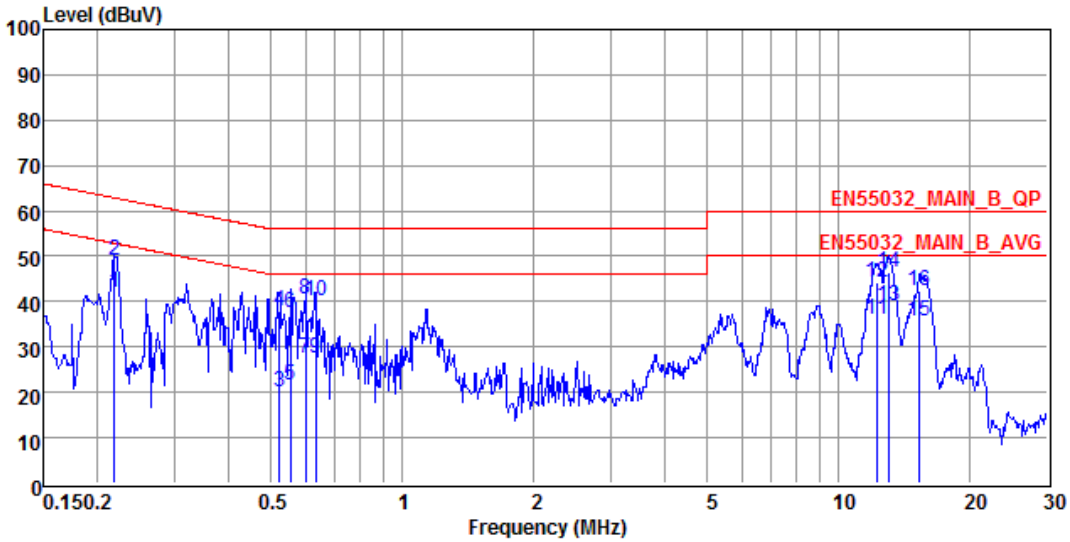
Test Mode	:	Mode 6 (Model No.: DRP-3200-48 Slot B, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Line**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.220	41.82	41.72	0.10	52.84	-11.02	LINE	Average
2	0.220	48.52	48.42	0.10	62.84	-14.32	LINE	QP
3	0.400	15.68	15.58	0.10	47.86	-32.18	LINE	Average
4	0.400	34.51	34.41	0.10	57.86	-23.35	LINE	QP
5	0.457	16.02	15.91	0.11	46.74	-30.72	LINE	Average
6	0.457	38.46	38.35	0.11	56.74	-18.28	LINE	QP
7	0.490	18.97	18.86	0.11	46.17	-27.20	LINE	Average
8	0.490	38.52	38.41	0.11	56.17	-17.65	LINE	QP
9	0.522	19.89	19.77	0.12	46.00	-26.11	LINE	Average
10	0.522	38.80	38.68	0.12	56.00	-17.20	LINE	QP
11	0.568	24.51	24.39	0.12	46.00	-21.49	LINE	Average
12	0.568	38.35	38.23	0.12	56.00	-17.65	LINE	QP
13	0.599	28.43	28.31	0.12	46.00	-17.57	LINE	Average
14	0.599	41.37	41.25	0.12	56.00	-14.63	LINE	QP
15	12.190	36.38	35.84	0.54	50.00	-13.62	LINE	Average
16	12.190	44.21	43.67	0.54	60.00	-15.79	LINE	QP
17	12.988	38.89	38.33	0.56	50.00	-11.11	LINE	Average
18	12.988	46.35	45.79	0.56	60.00	-13.65	LINE	QP
19	15.388	35.22	34.62	0.60	50.00	-14.78	LINE	Average
20	15.388	42.02	41.42	0.60	60.00	-17.98	LINE	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

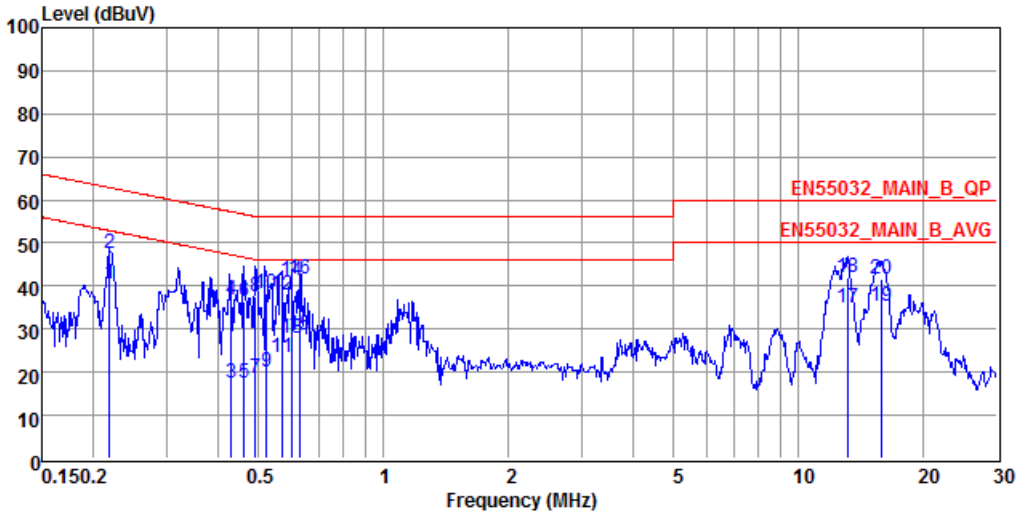
Test Mode	:	Mode 6 (Model No.: DRP-3200-48 Slot B, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Neutral**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.219	41.97	41.88	0.09	52.87	-10.90	NEUTRAL	Average
2	0.219	48.99	48.90	0.09	62.87	-13.88	NEUTRAL	QP
3	0.522	20.12	20.02	0.10	46.00	-25.88	NEUTRAL	Average
4	0.522	37.85	37.75	0.10	56.00	-18.15	NEUTRAL	QP
5	0.553	21.43	21.33	0.10	46.00	-24.57	NEUTRAL	Average
6	0.553	37.53	37.43	0.10	56.00	-18.47	NEUTRAL	QP
7	0.598	27.40	27.30	0.10	46.00	-18.60	NEUTRAL	Average
8	0.598	40.56	40.46	0.10	56.00	-15.44	NEUTRAL	QP
9	0.630	27.34	27.24	0.10	46.00	-18.66	NEUTRAL	Average
10	0.630	40.09	39.99	0.10	56.00	-15.91	NEUTRAL	QP
11	12.188	36.23	35.68	0.55	50.00	-13.77	NEUTRAL	Average
12	12.188	44.34	43.79	0.55	60.00	-15.66	NEUTRAL	QP
13	12.988	39.09	38.51	0.58	50.00	-10.91	NEUTRAL	Average
14	12.988	46.42	45.84	0.58	60.00	-13.58	NEUTRAL	QP
15	15.307	35.61	34.99	0.62	50.00	-14.39	NEUTRAL	Average
16	15.307	42.24	41.62	0.62	60.00	-17.76	NEUTRAL	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

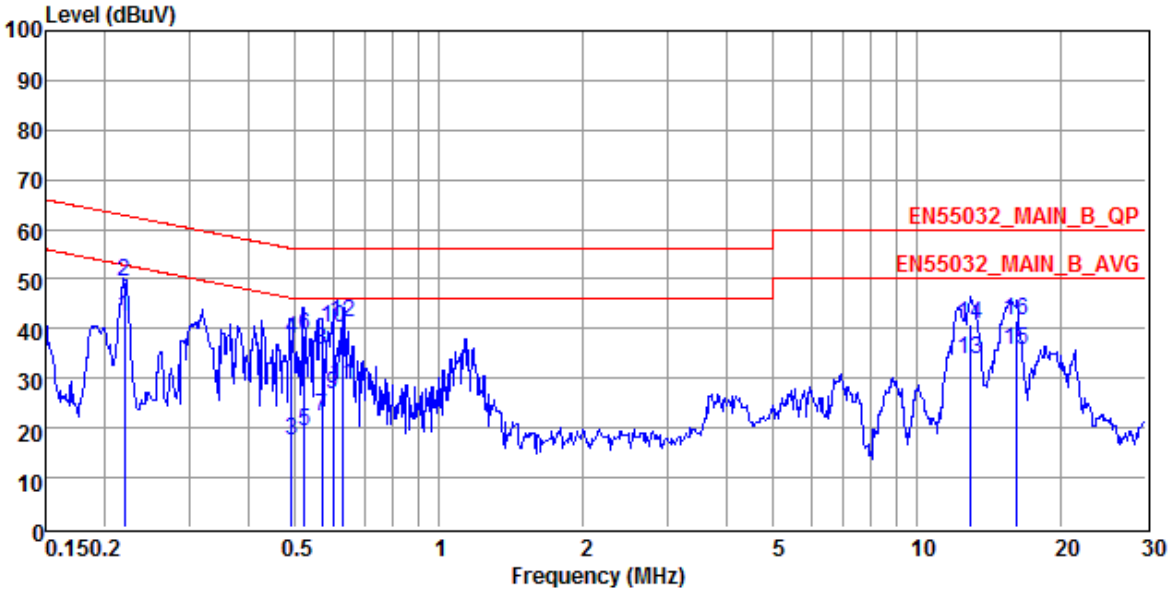
Test Mode	:	Mode 6 (Model No.: DRP-3200-48 Slot B, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Line**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.219	40.69	40.59	0.10	52.88	-12.19	LINE	Average
2	0.219	47.44	47.34	0.10	62.88	-15.44	LINE	QP
3	0.429	17.37	17.27	0.10	47.27	-29.90	LINE	Average
4	0.429	36.79	36.69	0.10	57.27	-20.48	LINE	QP
5	0.460	17.65	17.54	0.11	46.69	-29.04	LINE	Average
6	0.460	36.61	36.50	0.11	56.69	-20.08	LINE	QP
7	0.491	18.53	18.42	0.11	46.15	-27.62	LINE	Average
8	0.491	37.67	37.56	0.11	56.15	-18.48	LINE	QP
9	0.522	20.04	19.92	0.12	46.00	-25.96	LINE	Average
10	0.522	38.21	38.09	0.12	56.00	-17.79	LINE	QP
11	0.568	23.42	23.30	0.12	46.00	-22.58	LINE	Average
12	0.568	37.85	37.73	0.12	56.00	-18.15	LINE	QP
13	0.599	27.77	27.65	0.12	46.00	-18.23	LINE	Average
14	0.599	41.30	41.18	0.12	56.00	-14.70	LINE	QP
15	0.629	28.63	28.51	0.12	46.00	-17.37	LINE	Average
16	0.629	41.51	41.39	0.12	56.00	-14.49	LINE	QP
17	13.127	34.95	34.39	0.56	50.00	-15.05	LINE	Average
18	13.127	42.08	41.52	0.56	60.00	-17.92	LINE	QP
19	15.885	35.31	34.69	0.62	50.00	-14.69	LINE	Average
20	15.885	41.62	41.00	0.62	60.00	-18.38	LINE	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

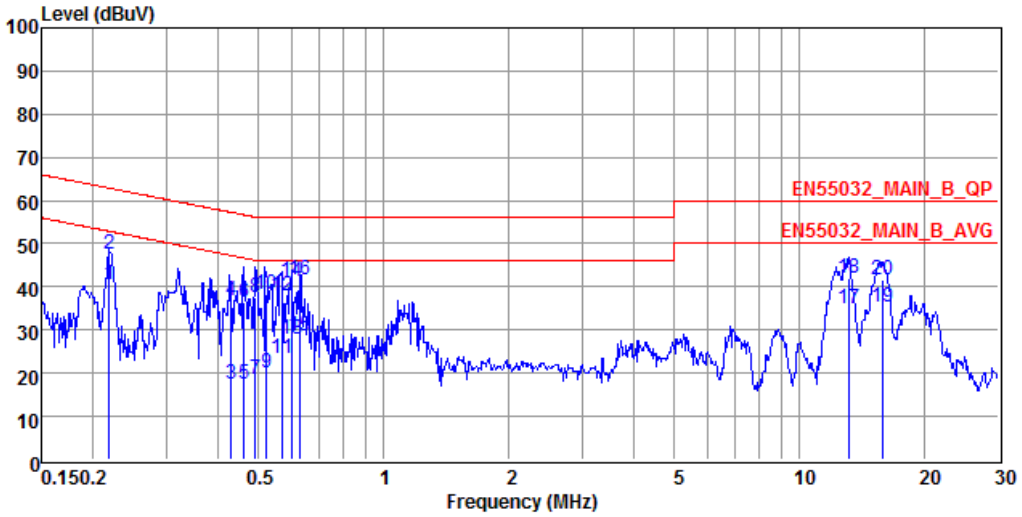
Test Mode	:	Mode 6 (Model No.: DRP-3200-48 Slot B, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Neutral**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.220	42.37	42.28	0.09	52.84	-10.47	NEUTRAL	Average
2	0.220	49.47	49.38	0.09	62.84	-13.37	NEUTRAL	QP
3	0.489	17.52	17.42	0.10	46.18	-28.66	NEUTRAL	Average
4	0.489	37.78	37.68	0.10	56.18	-18.40	NEUTRAL	QP
5	0.523	19.35	19.25	0.10	46.00	-26.65	NEUTRAL	Average
6	0.523	38.57	38.47	0.10	56.00	-17.43	NEUTRAL	QP
7	0.569	22.24	22.14	0.10	46.00	-23.76	NEUTRAL	Average
8	0.569	35.79	35.69	0.10	56.00	-20.21	NEUTRAL	QP
9	0.599	26.84	26.74	0.10	46.00	-19.16	NEUTRAL	Average
10	0.599	40.30	40.20	0.10	56.00	-15.70	NEUTRAL	QP
11	0.629	28.59	28.49	0.10	46.00	-17.41	NEUTRAL	Average
12	0.629	41.41	41.31	0.10	56.00	-14.59	NEUTRAL	QP
13	12.920	33.96	33.38	0.58	50.00	-16.04	NEUTRAL	Average
14	12.920	41.05	40.47	0.58	60.00	-18.95	NEUTRAL	QP
15	16.140	35.53	34.89	0.64	50.00	-14.47	NEUTRAL	Average
16	16.140	41.64	41.00	0.64	60.00	-18.36	NEUTRAL	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

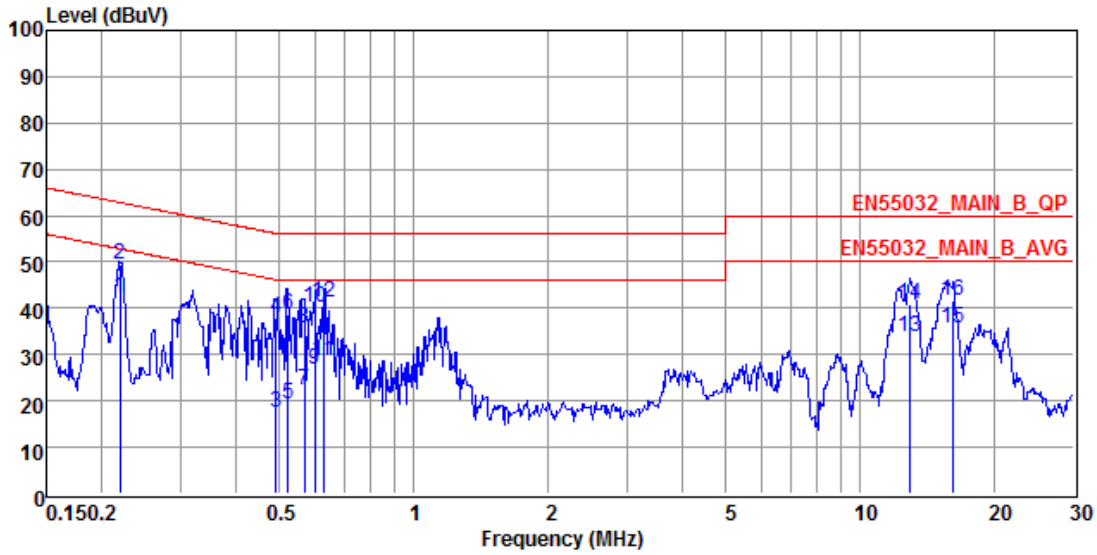
Test Mode	:	Mode 7 (Model No.: DRP-3200-48 Slot C, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Line**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.219	40.69	40.59	0.10	52.88	-12.19	LINE	Average
2	0.219	47.44	47.34	0.10	62.88	-15.44	LINE	QP
3	0.429	17.37	17.27	0.10	47.27	-29.90	LINE	Average
4	0.429	36.79	36.69	0.10	57.27	-20.48	LINE	QP
5	0.460	17.65	17.54	0.11	46.69	-29.04	LINE	Average
6	0.460	36.61	36.50	0.11	56.69	-20.08	LINE	QP
7	0.491	18.53	18.42	0.11	46.15	-27.62	LINE	Average
8	0.491	37.67	37.56	0.11	56.15	-18.48	LINE	QP
9	0.522	20.04	19.92	0.12	46.00	-25.96	LINE	Average
10	0.522	38.21	38.09	0.12	56.00	-17.79	LINE	QP
11	0.568	23.42	23.30	0.12	46.00	-22.58	LINE	Average
12	0.568	37.85	37.73	0.12	56.00	-18.15	LINE	QP
13	0.599	27.77	27.65	0.12	46.00	-18.23	LINE	Average
14	0.599	41.30	41.18	0.12	56.00	-14.70	LINE	QP
15	0.629	28.63	28.51	0.12	46.00	-17.37	LINE	Average
16	0.629	41.51	41.39	0.12	56.00	-14.49	LINE	QP
17	13.127	34.95	34.39	0.56	50.00	-15.05	LINE	Average
18	13.127	42.08	41.52	0.56	60.00	-17.92	LINE	QP
19	15.885	35.31	34.69	0.62	50.00	-14.69	LINE	Average
20	15.885	41.62	41.00	0.62	60.00	-18.38	LINE	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

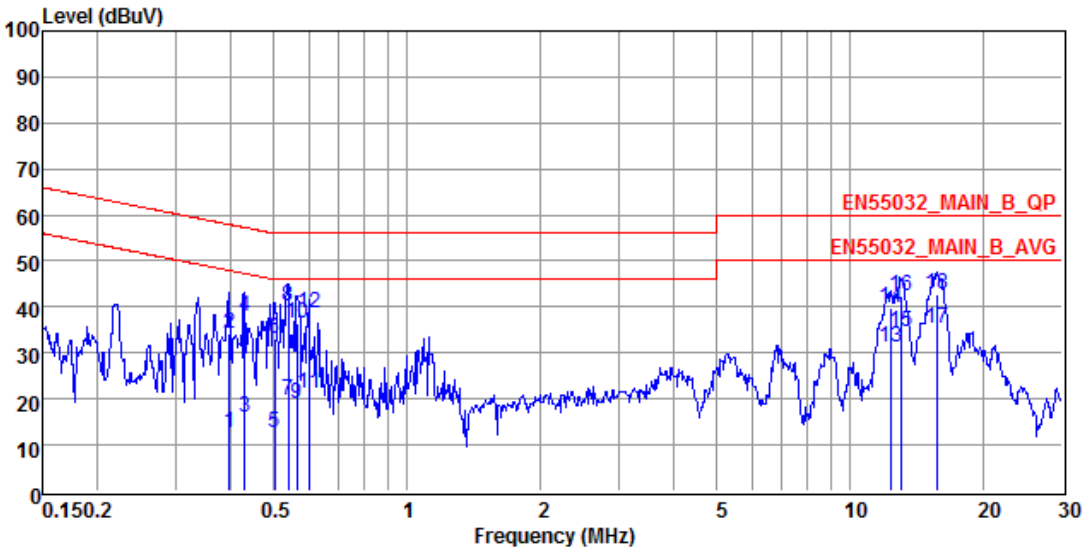
Test Mode	:	Mode 7 (Model No.: DRP-3200-48 Slot C, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Neutral**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.220	42.37	42.28	0.09	52.84	-10.47	NEUTRAL	Average
2	0.220	49.47	49.38	0.09	62.84	-13.37	NEUTRAL	QP
3	0.489	17.52	17.42	0.10	46.18	-28.66	NEUTRAL	Average
4	0.489	37.78	37.68	0.10	56.18	-18.40	NEUTRAL	QP
5	0.523	19.35	19.25	0.10	46.00	-26.65	NEUTRAL	Average
6	0.523	38.57	38.47	0.10	56.00	-17.43	NEUTRAL	QP
7	0.569	22.24	22.14	0.10	46.00	-23.76	NEUTRAL	Average
8	0.569	35.79	35.69	0.10	56.00	-20.21	NEUTRAL	QP
9	0.599	26.84	26.74	0.10	46.00	-19.16	NEUTRAL	Average
10	0.599	40.30	40.20	0.10	56.00	-15.70	NEUTRAL	QP
11	0.629	28.59	28.49	0.10	46.00	-17.41	NEUTRAL	Average
12	0.629	41.41	41.31	0.10	56.00	-14.59	NEUTRAL	QP
13	12.920	33.96	33.38	0.58	50.00	-16.04	NEUTRAL	Average
14	12.920	41.05	40.47	0.58	60.00	-18.95	NEUTRAL	QP
15	16.140	35.53	34.89	0.64	50.00	-14.47	NEUTRAL	Average
16	16.140	41.64	41.00	0.64	60.00	-18.36	NEUTRAL	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

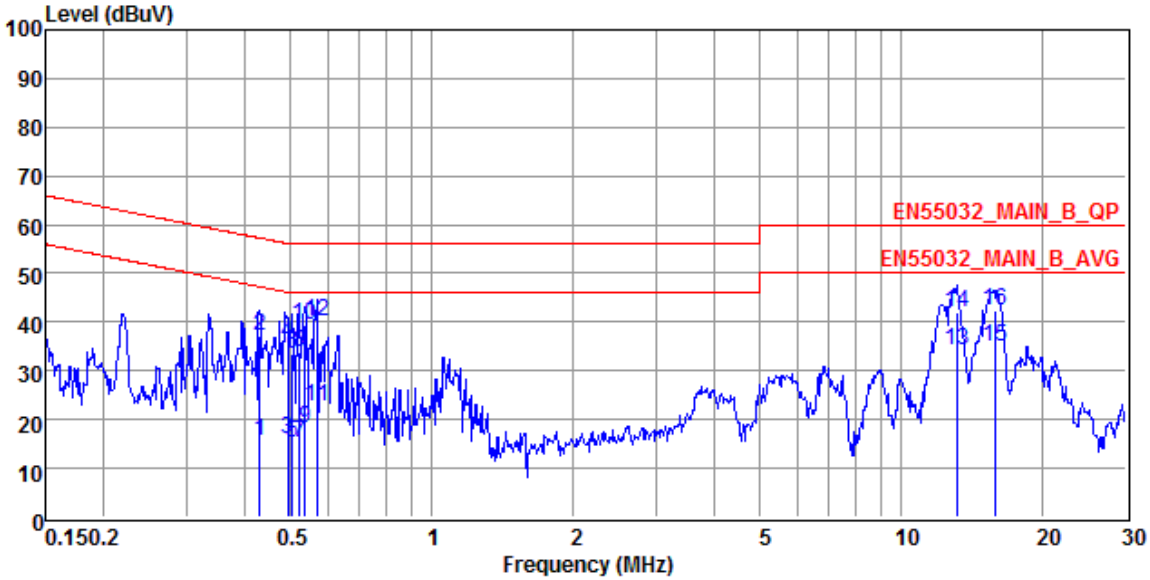
Test Mode	:	Mode 7 (Model No.: DRP-3200-48 Slot C, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	58%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Line**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.396	12.56	12.46	0.10	47.95	-35.39	LINE	Average
2	0.396	34.04	33.94	0.10	57.95	-23.91	LINE	QP
3	0.428	15.99	15.89	0.10	47.29	-31.30	LINE	Average
4	0.428	37.97	37.87	0.10	57.29	-19.32	LINE	QP
5	0.502	12.77	12.66	0.11	46.00	-33.23	LINE	Average
6	0.502	33.13	33.02	0.11	56.00	-22.87	LINE	QP
7	0.538	19.72	19.60	0.12	46.00	-26.28	LINE	Average
8	0.538	39.98	39.86	0.12	56.00	-16.02	LINE	QP
9	0.564	19.09	18.97	0.12	46.00	-26.91	LINE	Average
10	0.564	36.45	36.33	0.12	56.00	-19.55	LINE	QP
11	0.598	21.17	21.05	0.12	46.00	-24.83	LINE	Average
12	0.598	38.57	38.45	0.12	56.00	-17.43	LINE	QP
13	12.384	31.15	30.61	0.54	50.00	-18.85	LINE	Average
14	12.384	39.79	39.25	0.54	60.00	-20.21	LINE	QP
15	13.057	34.51	33.95	0.56	50.00	-15.49	LINE	Average
16	13.057	42.26	41.70	0.56	60.00	-17.74	LINE	QP
17	15.718	35.18	34.58	0.60	50.00	-14.82	LINE	Average
18	15.718	42.68	42.08	0.60	60.00	-17.32	LINE	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

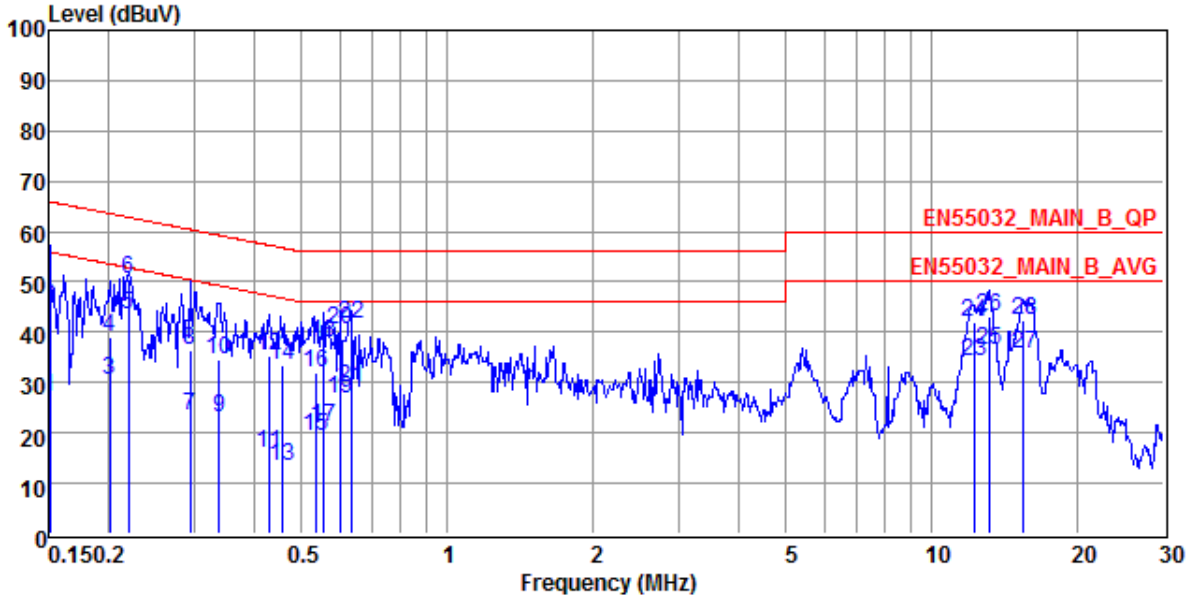
Test Mode	:	Mode 7 (Model No.: DRP-3200-48 Slot C, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	58%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Neutral**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.428	15.45	15.36	0.09	47.29	-31.84	NEUTRAL	Average
2	0.428	37.12	37.03	0.09	57.29	-20.17	NEUTRAL	QP
3	0.492	16.16	16.06	0.10	46.13	-29.97	NEUTRAL	Average
4	0.492	35.85	35.75	0.10	56.13	-20.28	NEUTRAL	QP
5	0.505	15.26	15.16	0.10	46.00	-30.74	NEUTRAL	Average
6	0.505	33.57	33.47	0.10	56.00	-22.43	NEUTRAL	QP
7	0.521	15.38	15.28	0.10	46.00	-30.62	NEUTRAL	Average
8	0.521	33.83	33.73	0.10	56.00	-22.17	NEUTRAL	QP
9	0.535	18.29	18.19	0.10	46.00	-27.71	NEUTRAL	Average
10	0.535	39.25	39.15	0.10	56.00	-16.75	NEUTRAL	QP
11	0.567	22.68	22.58	0.10	46.00	-23.32	NEUTRAL	Average
12	0.567	39.98	39.88	0.10	56.00	-16.02	NEUTRAL	QP
13	13.127	34.23	33.65	0.58	50.00	-15.77	NEUTRAL	Average
14	13.127	42.05	41.47	0.58	60.00	-17.95	NEUTRAL	QP
15	15.801	35.12	34.48	0.64	50.00	-14.88	NEUTRAL	Average
16	15.801	42.48	41.84	0.64	60.00	-17.52	NEUTRAL	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

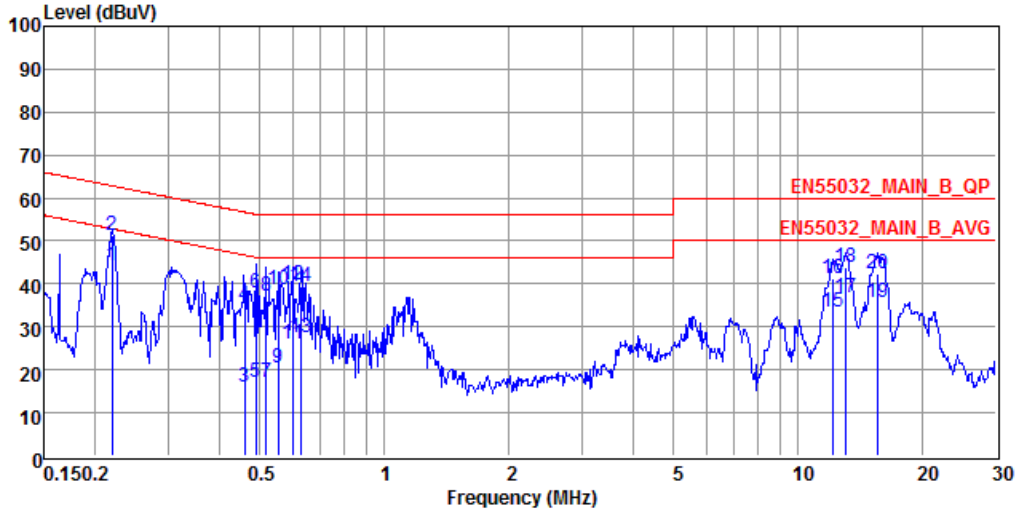
Test Mode	:	Mode 8 (Model No.: DRP-3200-48 Slot D, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Line**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.151	27.19	27.09	0.10	55.96	-28.77	LINE	Average
2	0.151	45.03	44.93	0.10	65.96	-20.93	LINE	QP
3	0.201	30.58	30.48	0.10	53.58	-23.00	LINE	Average
4	0.201	39.15	39.05	0.10	63.58	-24.43	LINE	QP
5	0.220	43.50	43.40	0.10	52.83	-9.33	LINE	Average
6	0.220	50.65	50.55	0.10	62.83	-12.18	LINE	QP
7	0.294	23.33	23.23	0.10	50.41	-27.08	LINE	Average
8	0.294	36.29	36.19	0.10	60.41	-24.12	LINE	QP
9	0.337	23.05	22.95	0.10	49.27	-26.22	LINE	Average
10	0.337	34.48	34.38	0.10	59.27	-24.79	LINE	QP
11	0.428	16.14	16.04	0.10	47.29	-31.15	LINE	Average
12	0.428	35.27	35.17	0.10	57.29	-22.02	LINE	QP
13	0.457	13.31	13.20	0.11	46.76	-33.45	LINE	Average
14	0.457	33.56	33.45	0.11	56.76	-23.20	LINE	QP
15	0.535	19.24	19.12	0.12	46.00	-26.76	LINE	Average
16	0.535	31.97	31.85	0.12	56.00	-24.03	LINE	QP
17	0.552	21.18	21.06	0.12	46.00	-24.82	LINE	Average
18	0.552	38.00	37.88	0.12	56.00	-18.00	LINE	QP
19	0.598	26.89	26.77	0.12	46.00	-19.11	LINE	Average
20	0.598	40.59	40.47	0.12	56.00	-15.41	LINE	QP
21	0.630	28.99	28.87	0.12	46.00	-17.01	LINE	Average
22	0.630	41.57	41.45	0.12	56.00	-14.43	LINE	QP
23	12.188	34.15	33.61	0.54	50.00	-15.85	LINE	Average
24	12.188	41.89	41.35	0.54	60.00	-18.11	LINE	QP
25	13.127	36.31	35.75	0.56	50.00	-13.69	LINE	Average
26	13.127	43.28	42.72	0.56	60.00	-16.72	LINE	QP
27	15.470	35.64	35.04	0.60	50.00	-14.36	LINE	Average
28	15.470	42.29	41.69	0.60	60.00	-17.71	LINE	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

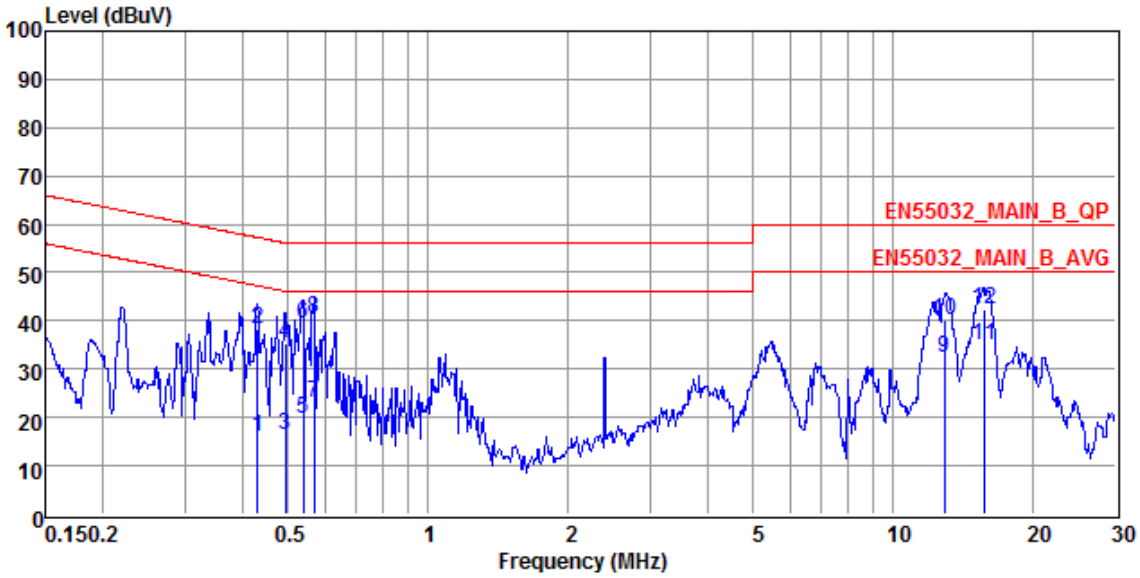
Test Mode	:	Mode 8 (Model No.: DRP-3200-48 Slot D, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Neutral**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.220	44.20	44.11	0.09	52.83	-8.63	NEUTRAL	Average
2	0.220	51.19	51.10	0.09	62.83	-11.64	NEUTRAL	QP
3	0.459	16.13	16.03	0.10	46.70	-30.57	NEUTRAL	Average
4	0.459	34.91	34.81	0.10	56.70	-21.79	NEUTRAL	QP
5	0.489	16.97	16.87	0.10	46.19	-29.22	NEUTRAL	Average
6	0.489	38.10	38.00	0.10	56.19	-18.09	NEUTRAL	QP
7	0.518	17.00	16.90	0.10	46.00	-29.00	NEUTRAL	Average
8	0.518	36.99	36.89	0.10	56.00	-19.01	NEUTRAL	QP
9	0.552	20.59	20.49	0.10	46.00	-25.41	NEUTRAL	Average
10	0.552	38.48	38.38	0.10	56.00	-17.52	NEUTRAL	QP
11	0.598	25.93	25.83	0.10	46.00	-20.07	NEUTRAL	Average
12	0.598	39.91	39.81	0.10	56.00	-16.09	NEUTRAL	QP
13	0.627	27.36	27.26	0.10	46.00	-18.64	NEUTRAL	Average
14	0.627	39.54	39.44	0.10	56.00	-16.46	NEUTRAL	QP
15	12.124	33.56	33.01	0.55	50.00	-16.44	NEUTRAL	Average
16	12.124	41.34	40.79	0.55	60.00	-18.66	NEUTRAL	QP
17	13.057	36.64	36.06	0.58	50.00	-13.36	NEUTRAL	Average
18	13.057	43.73	43.15	0.58	60.00	-16.27	NEUTRAL	QP
19	15.552	35.84	35.21	0.63	50.00	-14.16	NEUTRAL	Average
20	15.552	42.53	41.90	0.63	60.00	-17.47	NEUTRAL	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

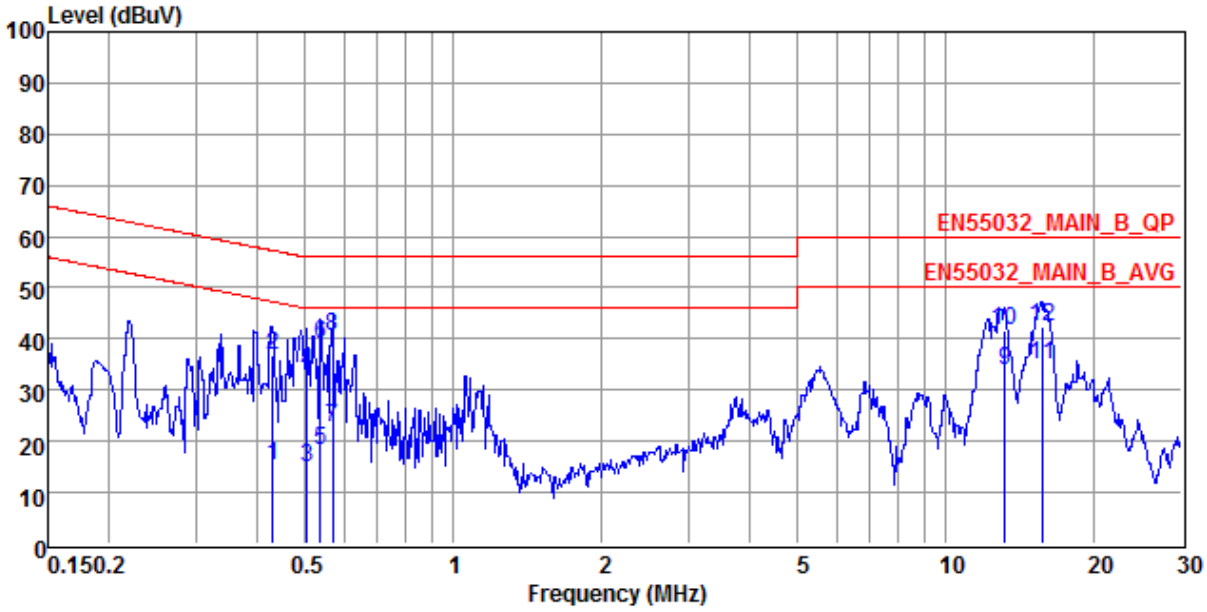
Test Mode	:	Mode 8 (Model No.: DRP-3200-48 Slot D, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Line**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.428	15.86	15.76	0.10	47.29	-31.43	LINE	Average
2	0.428	38.43	38.33	0.10	57.29	-18.86	LINE	QP
3	0.491	16.32	16.21	0.11	46.14	-29.82	LINE	Average
4	0.491	35.32	35.21	0.11	56.14	-20.82	LINE	QP
5	0.538	19.75	19.63	0.12	46.00	-26.25	LINE	Average
6	0.538	39.43	39.31	0.12	56.00	-16.57	LINE	QP
7	0.567	23.21	23.09	0.12	46.00	-22.79	LINE	Average
8	0.567	40.53	40.41	0.12	56.00	-15.47	LINE	QP
9	12.852	32.39	31.84	0.55	50.00	-17.61	LINE	Average
10	12.852	40.24	39.69	0.55	60.00	-19.76	LINE	QP
11	15.635	34.98	34.38	0.60	50.00	-15.02	LINE	Average
12	15.635	42.42	41.82	0.60	60.00	-17.58	LINE	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

Test Mode	:	Mode 8 (Model No.: DRP-3200-48 Slot D, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Der-Jan Ken	**Temperature**	:	24°C
Humidity	:	61%RH	**Frequency Range**	:	150kHz~30MHz
IF Bandwidth	:	9kHz	**Phase**	:	**Neutral**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.428	15.34	15.25	0.09	47.29	-31.95	NEUTRAL	Average
2	0.428	36.88	36.79	0.09	57.29	-20.41	NEUTRAL	QP
3	0.505	15.05	14.95	0.10	46.00	-30.95	NEUTRAL	Average
4	0.505	33.39	33.29	0.10	56.00	-22.61	NEUTRAL	QP
5	0.535	18.10	18.00	0.10	46.00	-27.90	NEUTRAL	Average
6	0.535	39.04	38.94	0.10	56.00	-16.96	NEUTRAL	QP
7	0.567	22.80	22.70	0.10	46.00	-23.20	NEUTRAL	Average
8	0.567	40.69	40.59	0.10	56.00	-15.31	NEUTRAL	QP
9	13.127	33.82	33.24	0.58	50.00	-16.18	NEUTRAL	Average
10	13.127	41.78	41.20	0.58	60.00	-18.22	NEUTRAL	QP
11	15.635	34.85	34.22	0.63	50.00	-15.15	NEUTRAL	Average
12	15.635	42.20	41.57	0.63	60.00	-17.80	NEUTRAL	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + insertion loss of LISN.
3. Q.P. is abbreviation of quasi-peak.
4. If the limit for the measurement with the average detector is met when using a receiver with a quasi-peak detector, the EUT shall be deemed to meet both limits.

3. Radiated Emission Measurement

3.1 Limits for Emission Measurement

Type of EUT	Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
☑	Below 108	1000
☐	108 - 500	2000
☐	500 - 1000	5000
☐	Above 1000	5th harmonic of the highest frequency or 6GHz, whichever is lower

☑ Limits for radiated disturbances at a measuring distance of 10m

Frequency (MHz)	Class A Equipment	Class B Equipment
	Quasi-peak (dBμV/m)	Quasi-peak (dBμV/m)
30 to 230	40	30
230 to 1000	47	37
Note 1- The lower limit shall apply at the transition frequency. Note 2- Additional provisions may be required for cases where interference occurs.		

☐ Limits for radiated disturbances at a measuring distance of 3m

Frequency (GHz)	Class A Equipment		Class B Equipment	
	Peak (dBμV/m)	Average (dBμV/m)	Peak (dBμV/m)	Average (dBμV/m)
1 to 3	76	56	70	50
3 to 6	80	60	74	54
Note 1- The lower limit shall apply at the transition frequency.				

3.2 Test Instruments

☑ Below 1GHz measurement

Test Site and Equipment	Manufacturer	Model No./ Serial No.	Last Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESCS30/ 836858/021	Jan. 17, 2017	Jan. 17, 2018
Bilog Antenna with 4dB Attenuator	SCHWARZBECK & Mini-Circuits	VULB 9168 & UNAT-4+/ VULB 9168-618 & 001	June 20, 2017	June 20, 2018
Bilog Antenna with 4dB Attenuator	SCHWARZBECK & Mini-Circuits	VULB 9168 & UNAT-4+/ VULB 9168-619 & 002	July 12, 2017	July 12, 2018
Pre-Amplifier	Mini-circuit	ZKL-1R5+/ 001	Aug. 18, 2017	Feb. 18, 2018
Pre-Amplifier	Mini-circuit	ZKL-1R5+/ 002	Aug. 18, 2017	Feb. 18, 2018
Spectrum Analyzer	R&S	FSP7/ 100108	Sept. 15, 2017	Sept. 15, 2018
Spectrum Analyzer	R&S	FSP7/ 100384	Feb. 7, 2017	Feb. 7, 2018
RF Cable	JYEBAO	0214/ C0058 + C0049 + C0049-2 + RSU + C0050-3	Aug. 18, 2017	Feb. 18, 2018
RF Cable	JYEBAO	0214/ C0059 + C0050 + C0050-2 + RSU + C0050-3	Aug. 18, 2017	Feb. 18, 2018
Test Software	Audix	e3/ V6.110303a	NCR	NCR
TR1 Semi - anechoic Chamber	ETS. LINDGREN	TR1/ 17627-B	Feb. 18, 2017	Feb. 18, 2018

Note:

1. The calibrations are traceable to NML/ROC.
2. NCR : No Calibration Required.
3. The calibration date of the chamber TR1 listed above is the date of NSA measurement.

Measurement Uncertainty

The assessed measurement uncertainty with a suitable coverage factor K to ensure 95% confidence level for the normal distribution are shown as below, the values are less than U_{cispr} in table 1 of CISPR 16-4-2.

Test Site (Measuring distance)	**Polarization**	**Frequency Range**	
		30MHz ~200MHz	200MHz ~1000MHz
TR1(10m)	Horizontal	3.98dB	3.10dB
	Vertical	3.76dB	3.28dB

Test Site (Measuring distance)	**Polarization**	**Frequency Range**
		1GHz ~6GHz
TR1(3m)	Horizontal	4.70dB
	Vertical	4.78dB
TR300(3m)	Horizontal	5.08dB
	Vertical	5.02dB

3.3 Test Procedures

Below 1GHz measurement

a. The EUT was set up per the test configuration figured in the next section of this chapter to simulate the typical usage per the user's manual.

b. If the EUT is tabletop equipment, it was placed on a wooden table with a height of 0.8 meters above the reference ground plane and 10 meters away from the interference receiving antenna in the semi-anechoic chamber.

c. If the EUT is floor-standing equipment, it was placed on a non-conducted support with a height up to 0.15 meters above the reference ground plane and 10 meters away from the interference-receiving antenna in the semi-anechoic chamber.

d. For EN 55032, all cables connecting to AE located outside the chamber shall drop directly to, but be insulated from, the RGP (or turntable). The thickness of the insulation shall not be more than 150 mm.

e. Rapidly sweep the signal from 30MHz to 1GHz by using the spectrum through the Maximum-peak detector.

f. Rotate the EUT from 0° to 360° and position the receiving antenna at heights from 1 to 4 meters above the reference ground plane continuously to determine at least six frequencies associated with higher emission levels and record them.

g. Then measure each frequency found from step e. by using the spectrum with rotating the EUT and positioning the receiving antenna height to determine the maximum level.

h. Finely tune the antenna and turntable around the recorded position of each frequency found from step f. by using the receiver through the Quasi-Peak detector per CISPR 16-1 to find out where the maximum level occurred.

i. Record frequency, azimuth angle of the turntable, height, and polarization of the receiving antenna and compare the maximum level with the required limit.

j. Change the receiving antenna to another polarization to measure radiated emission by following step d. to h. again.

k. If the peak emission level measured from step e. is 4dB lower than the limit specified, then the emission values presented will be the peak value only. Otherwise, accurate Q.P. value will be measured and presented.

Above 1GHz measurement

a. The EUT was set up per the test configuration figured in the next section of this chapter to simulate the typical usage per the user's manual.

b. If the EUT is tabletop equipment, it should be placed on a non-conducted table with a height of 0.8 meters above the reference ground plane and 3 meters away from the interference receiving antenna in the fully-anechoic chamber.

c. If the EUT is floor-standing equipment, it should be placed on a non-conducted support with a height up to 0.15 meters above the reference ground plane and 3 meters away from the interference-receiving antenna in the fully-anechoic chamber.

d. For EN 55032, all cables connecting to AE located outside the chamber shall drop directly to, but be insulated from, the RGP (or turntable). The thickness of the insulation shall not be more than 150 mm.

e. Rapidly sweep the signal from 1GHz to the upper frequency of measurement range by using the spectrum through the Maximum-peak detector.

f. If the 3dB beamwidth of the receiving antenna (minima w is 1.41m while test distance is 3m) encompasses EUT height, the center of the receiving antenna will be fixed at the height of the center of the EUT. If w of a 1m-height receiving antenna encompasses the whole EUT, the antenna will be fixed at 1m height. For any EUT with the height larger than w, the receiving antenna will travelled vertically so that the antenna beam scans the whole EUT.

g. Rotate the EUT from 0° to 360° continuously and position the receiving antenna at specified height above the reference ground plane to determine the frequencies associated with higher emission levels and record them.

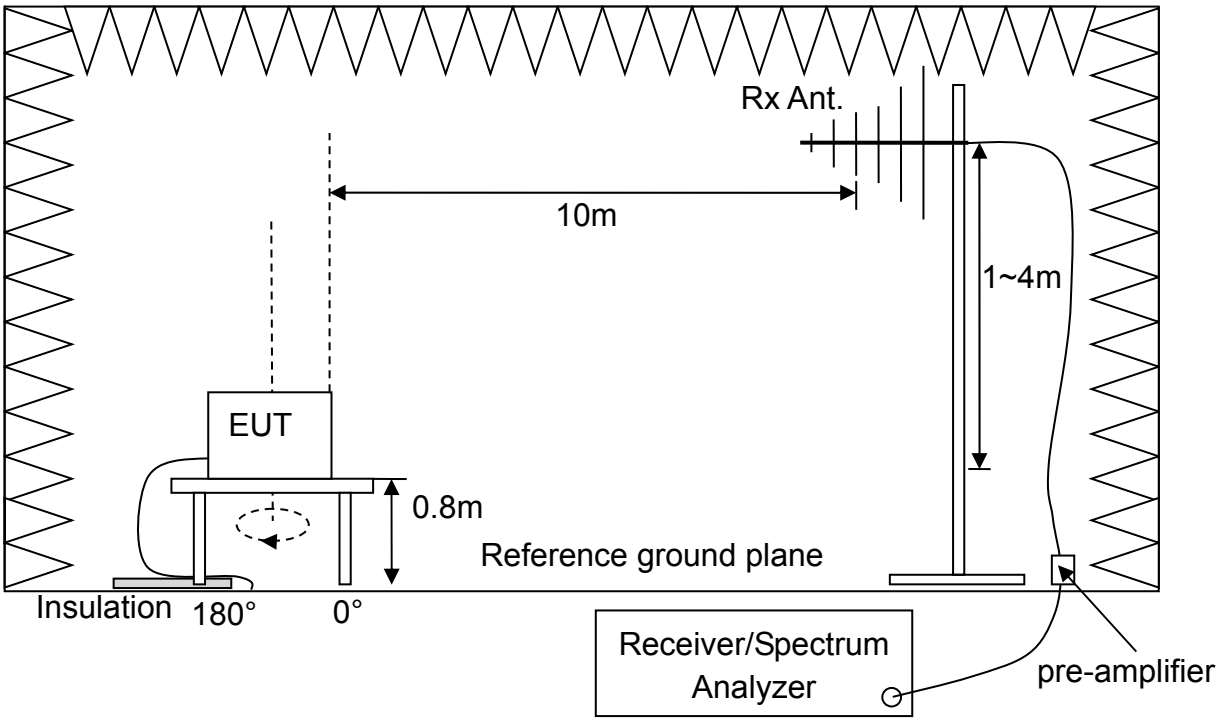
h. Then measure each frequency found from step e. by using the spectrum with rotating the EUT to determine the maximum peak and average level.

i. Record frequency, azimuth angle of the turntable and compare the maximum level with the required limit.

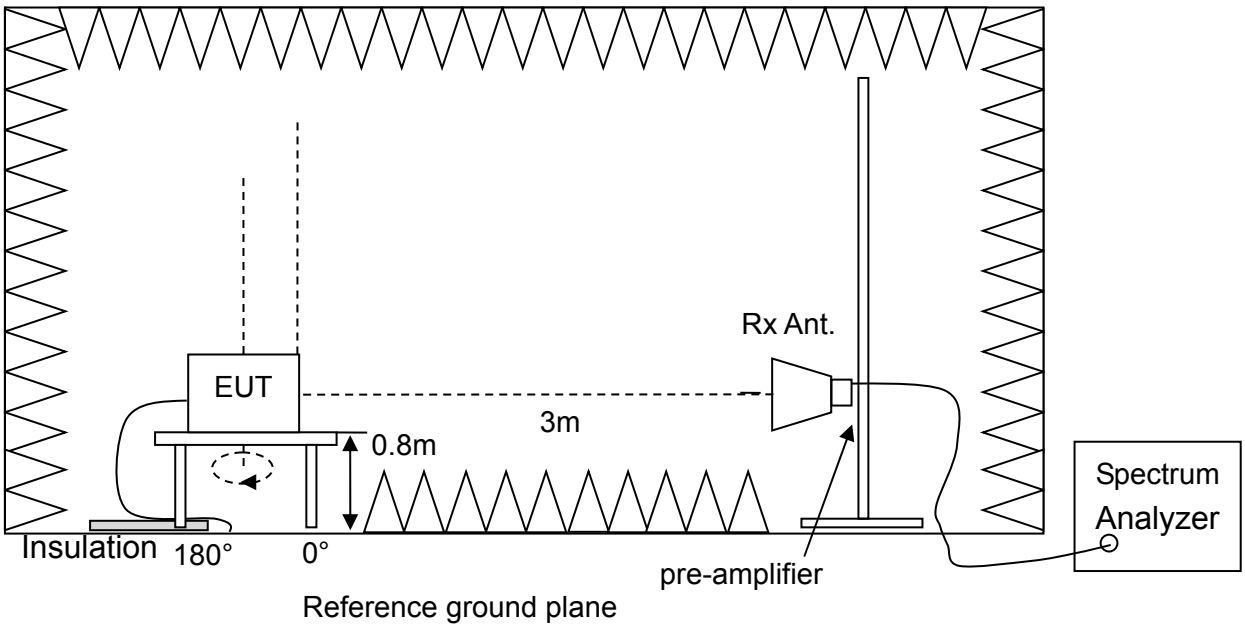
j. Change the receiving antenna to another polarization to measure radiated emission by following step d. to g. again.

3.4 Test Configurations

Below 1GHz measurement



Above 1GHz measurement



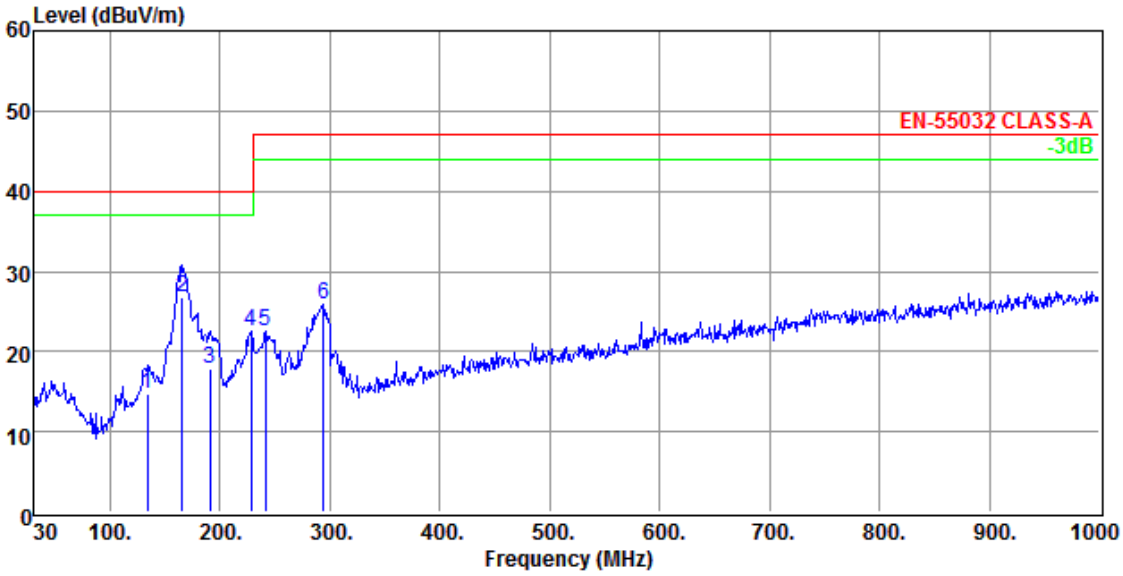
3.5 Photographs of the Test Configurations

Please refer to the Attachment 1 of the present report.

3.6 Test Results

Final Compliance Test Mode

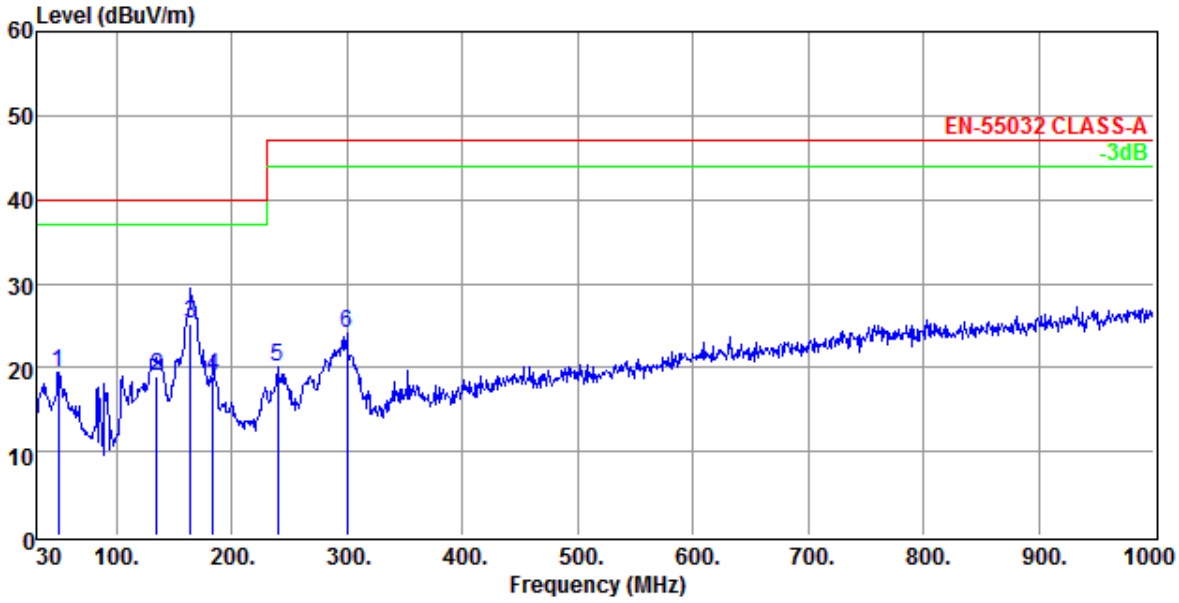
Test Mode	:	Mode 5 (Model No.: DRP-3200-48 Slot A, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Horizontal**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	133.79	14.68	36.80	-22.12	40.00	-25.32	345	70	HORIZONTAL	QP
2	165.80	26.71	47.85	-21.14	40.00	-13.29	294	199	HORIZONTAL	QP
3	191.02	17.95	41.47	-23.52	40.00	-22.05	261	90	HORIZONTAL	QP
4	227.88	22.51	46.15	-23.64	40.00	-17.49	---	---	HORIZONTAL	Peak
5	241.46	22.42	44.74	-22.32	47.00	-24.58	---	---	HORIZONTAL	Peak
6	293.84	25.96	46.09	-20.13	47.00	-21.04	---	---	HORIZONTAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

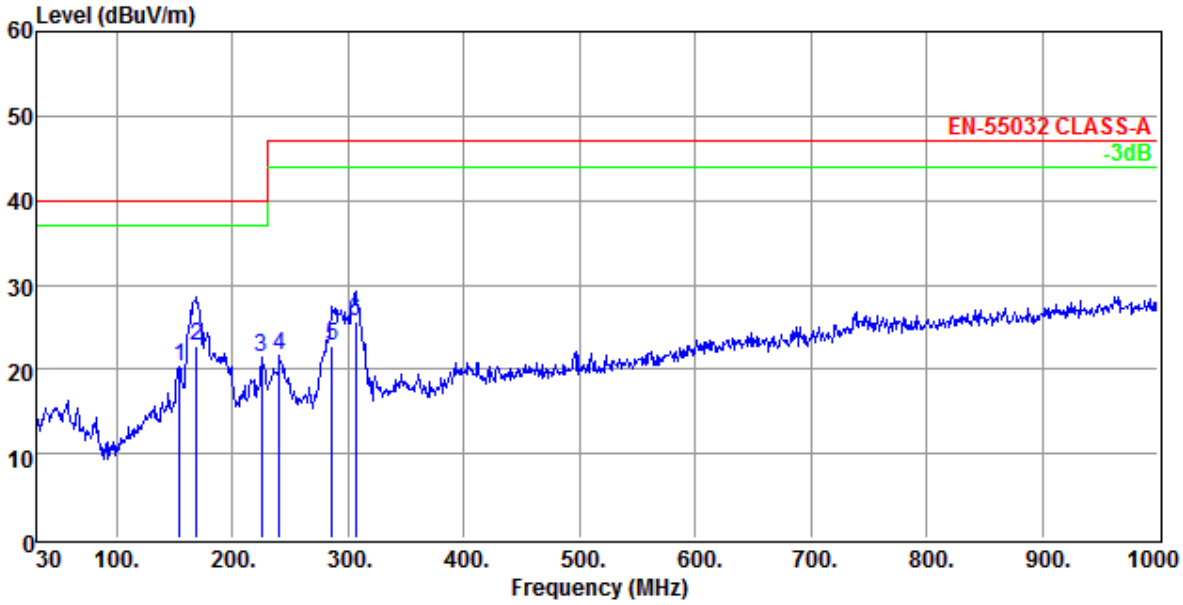
Test Mode	:	Mode 5 (Model No.: DRP-3200-48 Slot A, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Vertical**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	49.40	19.47	40.91	-21.44	40.00	-20.53	---	---	VERTICAL	Peak
2	134.76	18.99	40.74	-21.75	40.00	-21.01	106	5	VERTICAL	QP
3	163.86	25.24	45.97	-20.73	40.00	-14.76	142	37	VERTICAL	QP
4	183.26	18.96	41.34	-22.38	40.00	-21.04	217	86	VERTICAL	QP
5	239.52	20.06	42.01	-21.95	47.00	-26.94	---	---	VERTICAL	Peak
6	299.66	24.15	43.81	-19.66	47.00	-22.85	---	---	VERTICAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

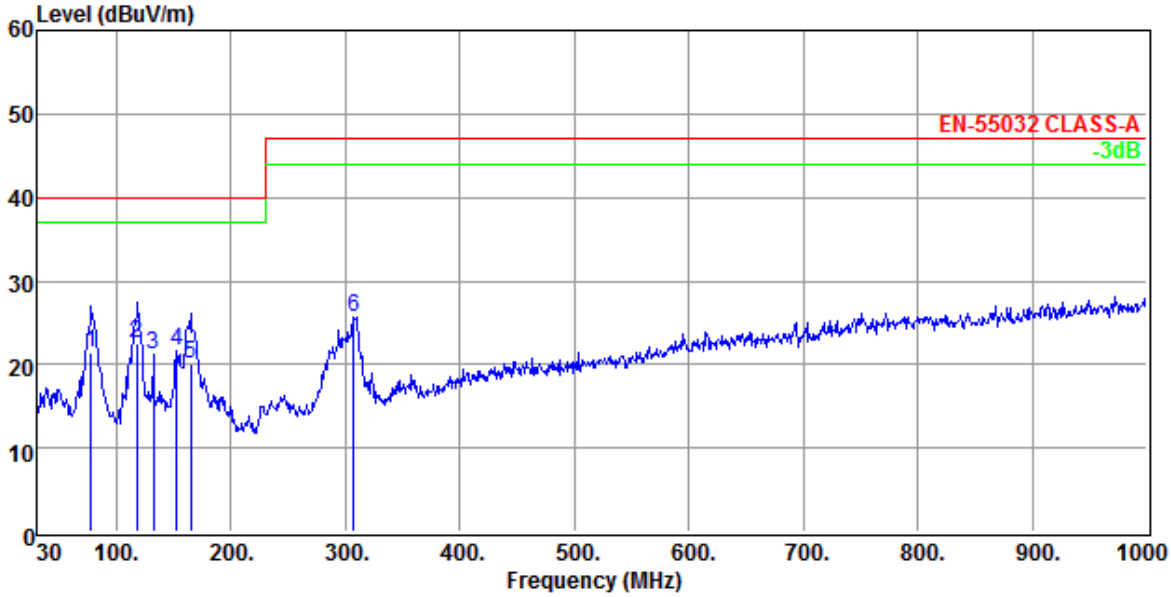
Test Mode	:	Mode 5 (Model No.: DRP-3200-48 Slot A, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Horizontal**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	154.16	20.41	41.47	-21.06	40.00	-19.59	---	---	HORIZONTAL	Peak
2	168.71	22.79	44.06	-21.27	40.00	-17.21	207	140	HORIZONTAL	QP
3	224.97	21.41	45.24	-23.83	40.00	-18.59	---	---	HORIZONTAL	Peak
4	240.49	21.68	44.04	-22.36	47.00	-25.32	---	---	HORIZONTAL	Peak
5	286.08	22.71	43.10	-20.39	47.00	-24.29	360	15	HORIZONTAL	QP
6	306.45	25.69	45.47	-19.78	47.00	-21.31	345	25	HORIZONTAL	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

Test Mode	:	Mode 5 (Model No.: DRP-3200-48 Slot A Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Vertical**

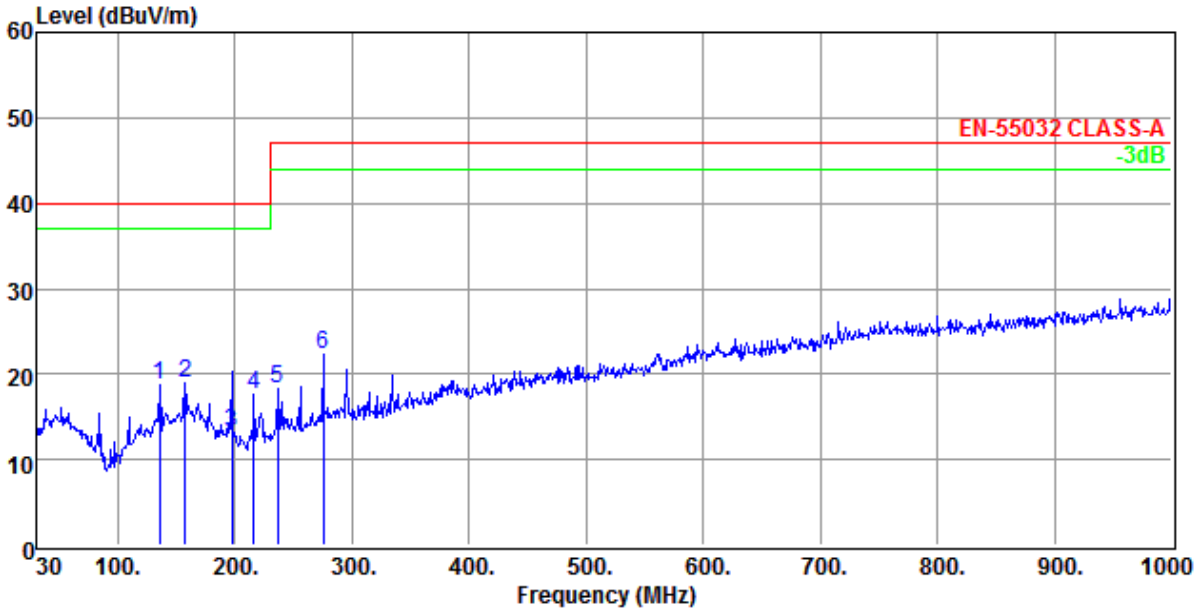


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	77.53	21.40	47.01	-25.61	40.00	-18.60	116	14	VERTICAL	QP
2	117.53	22.63	46.08	-23.45	40.00	-17.37	147	0	VERTICAL	QP
3	131.85	21.26	43.31	-22.05	40.00	-18.74	---	---	VERTICAL	Peak
4	152.22	21.63	42.42	-20.79	40.00	-18.37	---	---	VERTICAL	Peak
5	164.83	20.04	40.82	-20.78	40.00	-19.96	110	76	VERTICAL	QP
6	307.42	25.61	45.06	-19.45	47.00	-21.39	---	---	VERTICAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

Verification Modes

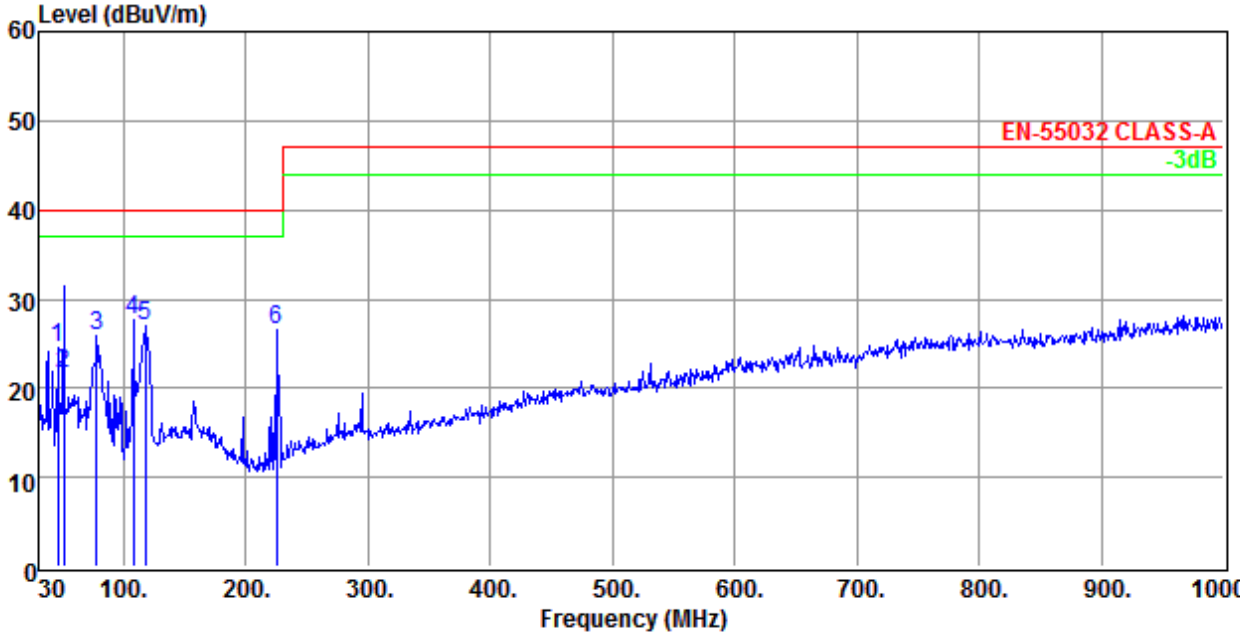
Test Mode	:	Mode 1 (Model No.: DRP-3200-24 Slot A, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Horizontal**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	135.73	18.63	40.60	-21.97	40.00	-21.37	---	---	HORIZONTAL	Peak
2	157.07	18.99	39.96	-20.97	40.00	-21.01	---	---	HORIZONTAL	Peak
3	196.84	13.09	37.14	-24.05	40.00	-26.91	121	0	HORIZONTAL	QP
4	216.24	17.57	41.81	-24.24	40.00	-22.43	---	---	HORIZONTAL	Peak
5	236.61	18.34	41.10	-22.76	47.00	-28.66	---	---	HORIZONTAL	Peak
6	275.41	22.33	43.16	-20.83	47.00	-24.67	---	---	HORIZONTAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

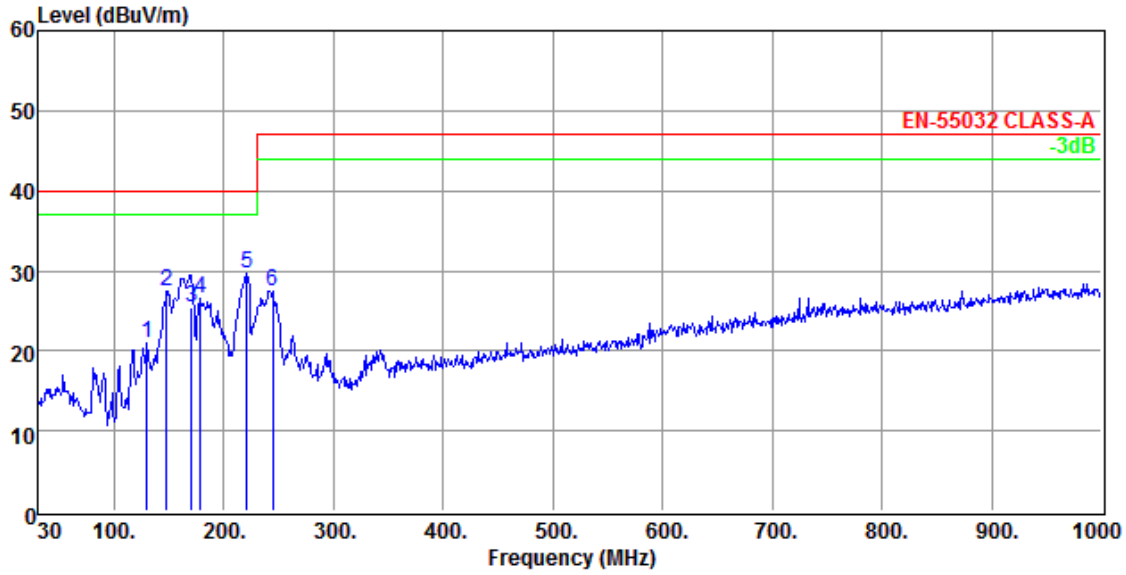
Test Mode	:	Mode 1 (Model No.: DRP-3200-24 Slot A, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Vertical**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	45.52	24.60	46.26	-21.66	40.00	-15.40	---	---	VERTICAL	Peak
2	50.37	21.64	43.08	-21.44	40.00	-18.36	148	50	VERTICAL	QP
3	77.53	25.87	51.48	-25.61	40.00	-14.13	---	---	VERTICAL	Peak
4	107.60	27.65	52.18	-24.53	40.00	-12.35	---	---	VERTICAL	Peak
5	117.30	26.91	50.39	-23.48	40.00	-13.09	---	---	VERTICAL	Peak
6	224.97	26.48	49.93	-23.45	40.00	-13.52	---	---	VERTICAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

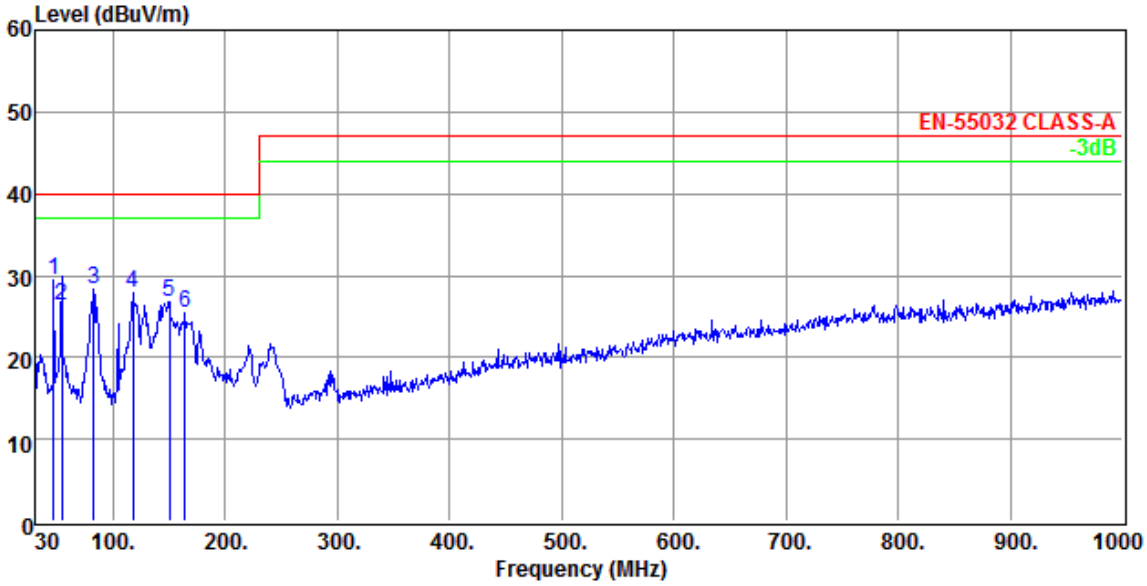
Test Mode	:	Mode 1 (Model No.: DRP-3200-24 Slot A, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Horizontal**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	129.91	21.04	43.47	-22.43	40.00	-18.96	---	---	HORIZONTAL	Peak
2	147.37	27.51	48.80	-21.29	40.00	-12.49	---	---	HORIZONTAL	Peak
3	170.65	25.39	46.78	-21.39	40.00	-14.61	300	194	HORIZONTAL	QP
4	178.41	26.61	48.70	-22.09	40.00	-13.39	---	---	HORIZONTAL	Peak
5	221.09	29.63	53.72	-24.09	40.00	-10.37	---	---	HORIZONTAL	Peak
6	244.37	27.51	49.69	-22.18	47.00	-19.49	---	---	HORIZONTAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

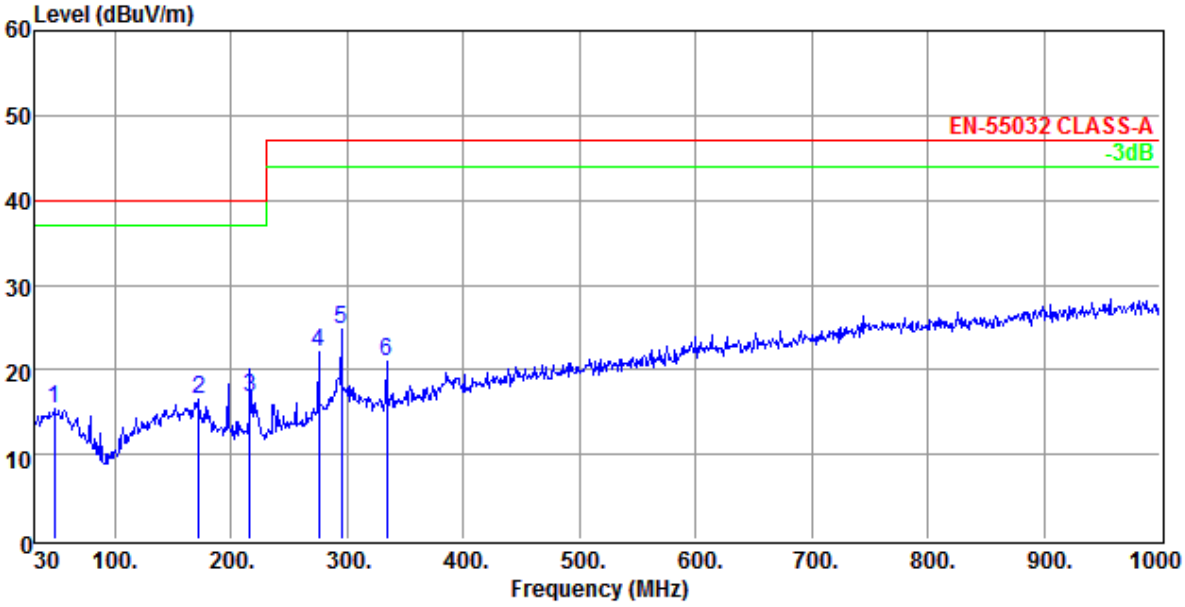
Test Mode	:	Mode 1 (Model No.: DRP-3200-24 Slot A, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Vertical**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	46.49	29.46	51.06	-21.60	40.00	-10.54	---	---	VERTICAL	Peak
2	54.25	26.31	48.02	-21.71	40.00	-13.69	137	24	VERTICAL	QP
3	82.38	28.25	54.71	-26.46	40.00	-11.75	---	---	VERTICAL	Peak
4	117.30	27.84	51.32	-23.48	40.00	-12.16	---	---	VERTICAL	Peak
5	150.28	26.72	47.57	-20.85	40.00	-13.28	---	---	VERTICAL	Peak
6	163.86	25.38	46.11	-20.73	40.00	-14.62	---	---	VERTICAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

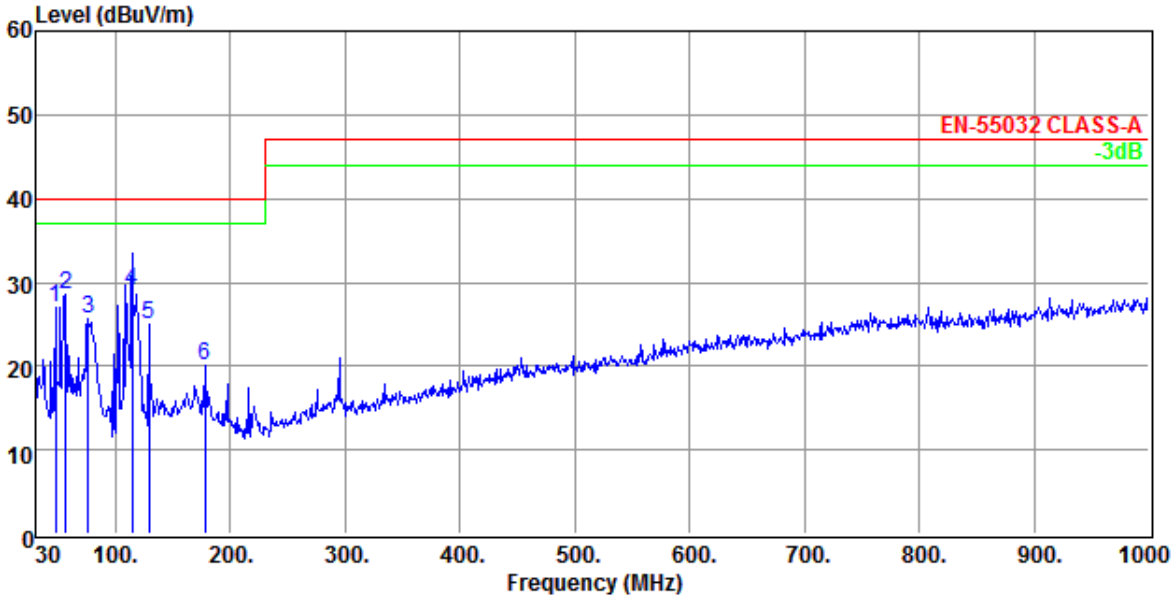
Test Mode	:	Mode 2 (Model No.: DRP-3200-24 Slot B, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Horizontal**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	47.46	15.49	37.33	-21.84	40.00	-24.51	---	---	HORIZONTAL	Peak
2	171.62	16.54	38.01	-21.47	40.00	-23.46	---	---	HORIZONTAL	Peak
3	216.24	16.76	41.00	-24.24	40.00	-23.24	166	14	HORIZONTAL	QP
4	275.41	22.02	42.85	-20.83	47.00	-24.98	---	---	HORIZONTAL	Peak
5	294.81	24.77	44.88	-20.11	47.00	-22.23	---	---	HORIZONTAL	Peak
6	333.61	20.98	39.98	-19.00	47.00	-26.02	---	---	HORIZONTAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

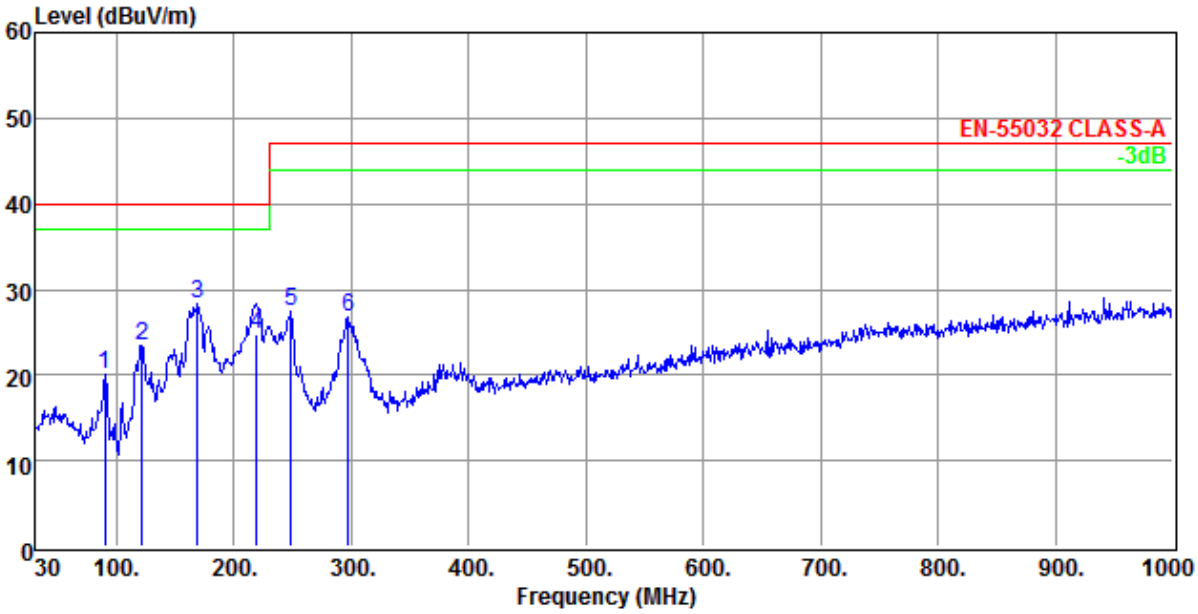
Test Mode	:	Mode 2 (Model No.: DRP-3200-24 Slot B, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Vertical**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	47.46	27.09	48.64	-21.55	40.00	-12.91	---	---	VERTICAL	Peak
2	56.19	28.57	50.40	-21.83	40.00	-11.43	---	---	VERTICAL	Peak
3	75.59	25.54	50.68	-25.14	40.00	-14.46	---	---	VERTICAL	Peak
4	114.39	28.94	52.69	-23.75	40.00	-11.06	128	29	VERTICAL	QP
5	128.94	25.03	47.37	-22.34	40.00	-14.97	---	---	VERTICAL	Peak
6	177.44	20.06	41.72	-21.66	40.00	-19.94	---	---	VERTICAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

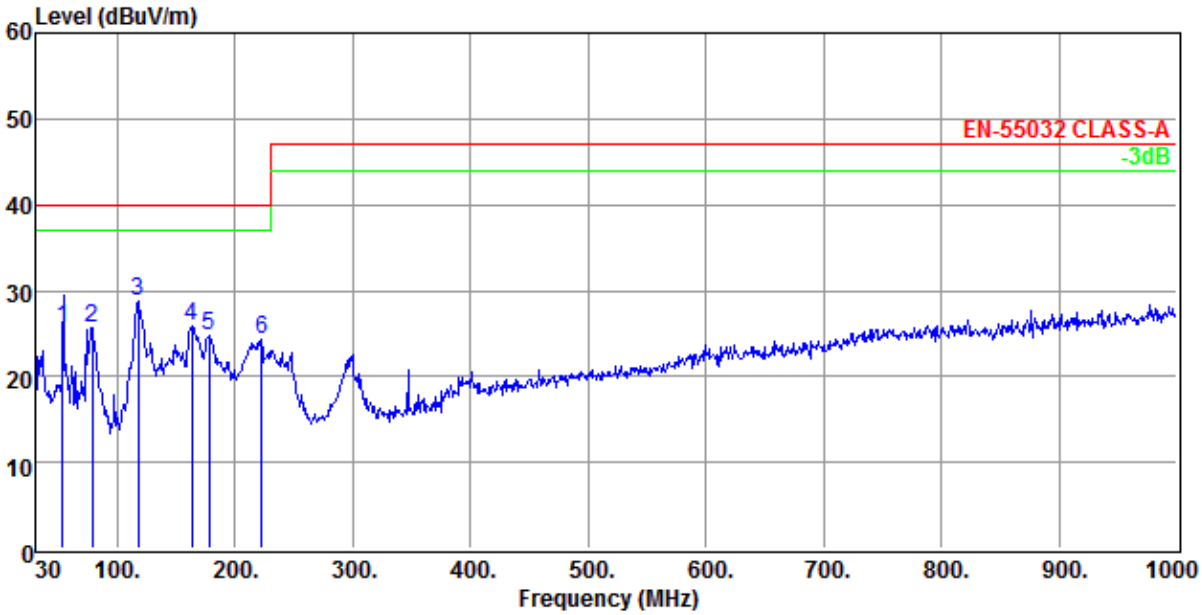
Test Mode	:	Mode 2 (Model No.: DRP-3200-24 Slot B, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Horizontal**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	90.14	20.15	47.63	-27.48	40.00	-19.85	---	---	HORIZONTAL	Peak
2	121.18	23.47	46.75	-23.28	40.00	-16.53	---	---	HORIZONTAL	Peak
3	168.71	28.22	49.49	-21.27	40.00	-11.78	---	---	HORIZONTAL	Peak
4	219.34	24.76	48.94	-24.18	40.00	-15.24	303	33	HORIZONTAL	QP
5	248.25	27.33	49.36	-22.03	47.00	-19.67	---	---	HORIZONTAL	Peak
6	297.72	26.67	46.71	-20.04	47.00	-20.33	---	---	HORIZONTAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

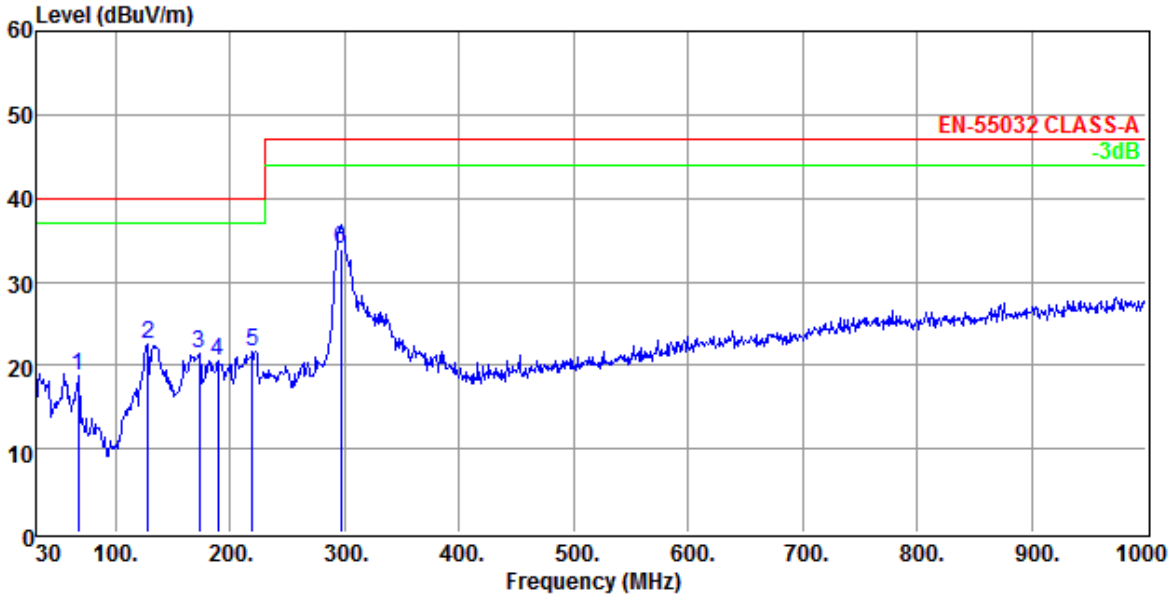
Test Mode	:	Mode 2 (Model No.: DRP-3200-24 Slot B, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Vertical**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	53.49	25.61	47.27	-21.66	40.00	-14.39	122	329	VERTICAL	QP
2	78.50	25.72	51.56	-25.84	40.00	-14.28	---	---	VERTICAL	Peak
3	117.30	28.83	52.31	-23.48	40.00	-11.17	---	---	VERTICAL	Peak
4	162.89	25.81	46.50	-20.69	40.00	-14.19	---	---	VERTICAL	Peak
5	177.44	24.66	46.32	-21.66	40.00	-15.34	---	---	VERTICAL	Peak
6	222.06	24.31	48.01	-23.70	40.00	-15.69	---	---	VERTICAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

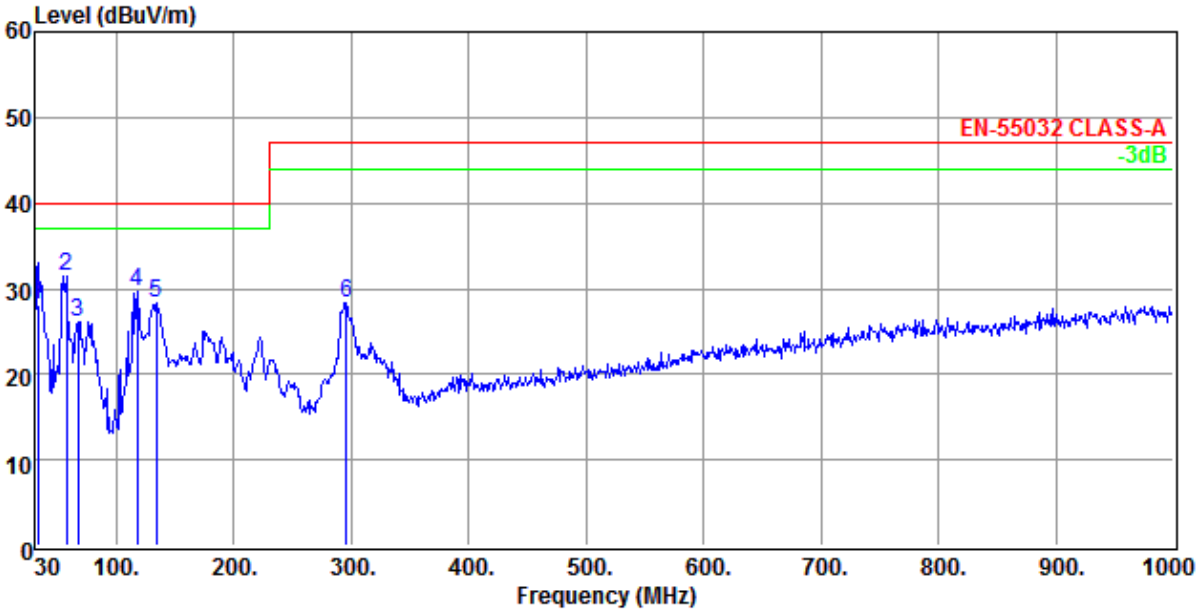
Test Mode	:	Mode 3 (Model No.: DRP-3200-24 Slot C, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Horizontal**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	66.86	18.67	41.94	-23.27	40.00	-21.33	---	---	HORIZONTAL	Peak
2	127.97	22.52	45.13	-22.61	40.00	-17.48	---	---	HORIZONTAL	Peak
3	172.59	21.45	43.01	-21.56	40.00	-18.55	---	---	HORIZONTAL	Peak
4	189.08	20.58	43.89	-23.31	40.00	-19.42	---	---	HORIZONTAL	Peak
5	219.15	21.67	45.85	-24.18	40.00	-18.33	---	---	HORIZONTAL	Peak
6	296.33	33.88	53.94	-20.06	47.00	-13.12	301	341	HORIZONTAL	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

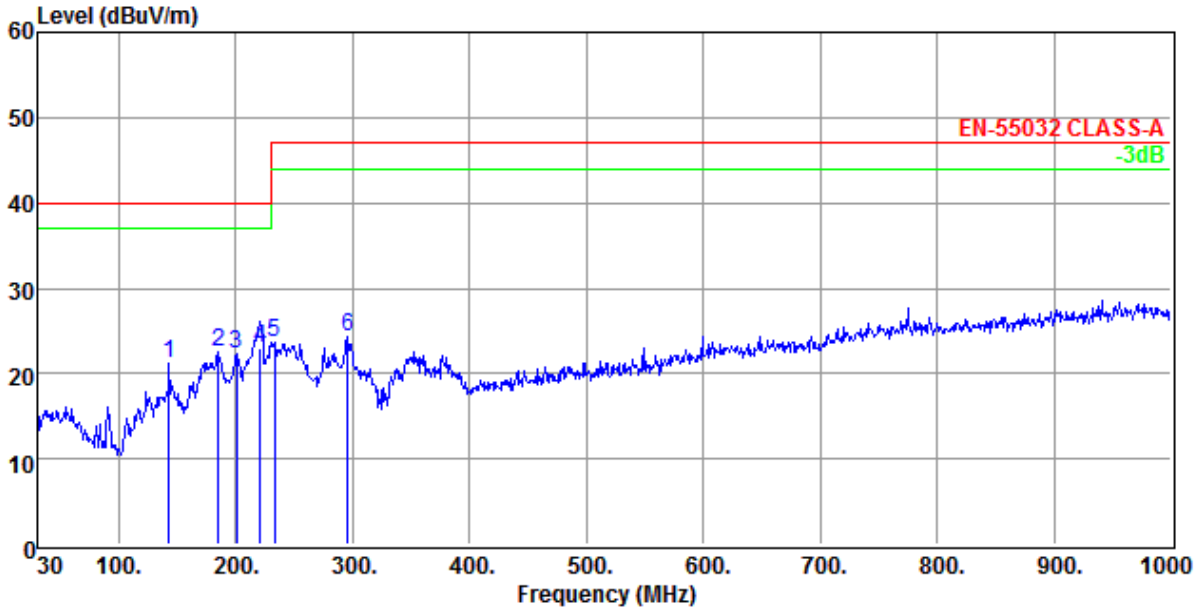
Test Mode	:	Mode 3 (Model No.: DRP-3200-24 Slot C, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Vertical**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	32.91	28.10	51.15	-23.05	40.00	-11.90	116	360	VERTICAL	QP
2	57.16	31.56	53.46	-21.90	40.00	-8.44	---	---	VERTICAL	Peak
3	66.86	26.02	49.24	-23.22	40.00	-13.98	---	---	VERTICAL	Peak
4	117.30	29.60	53.08	-23.48	40.00	-10.40	---	---	VERTICAL	Peak
5	133.79	28.34	50.19	-21.85	40.00	-11.66	---	---	VERTICAL	Peak
6	295.78	28.28	48.01	-19.73	47.00	-18.72	---	---	VERTICAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

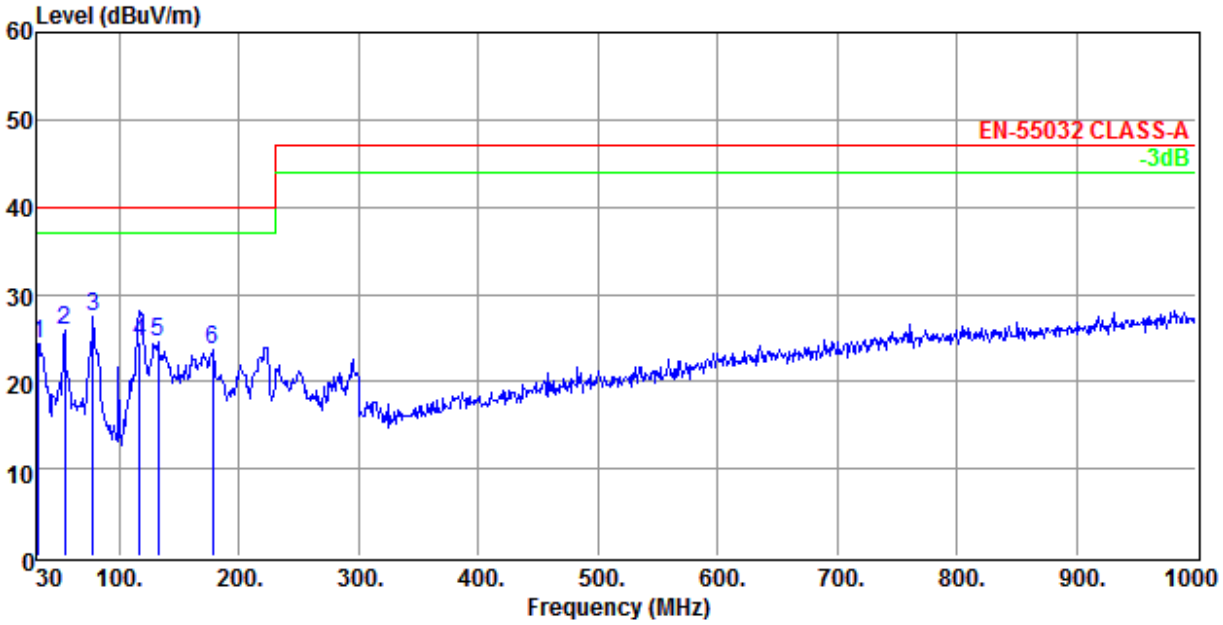
Test Mode	:	Mode 3 (Model No.: DRP-3200-24 Slot C, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Horizontal**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	142.52	21.25	42.77	-21.52	40.00	-18.75	---	---	HORIZONTAL	Peak
2	185.20	22.61	45.47	-22.86	40.00	-17.39	---	---	HORIZONTAL	Peak
3	200.72	22.24	46.57	-24.33	40.00	-17.76	---	---	HORIZONTAL	Peak
4	221.09	22.92	47.01	-24.09	40.00	-17.08	154	9	HORIZONTAL	QP
5	232.73	23.70	46.90	-23.20	47.00	-23.30	---	---	HORIZONTAL	Peak
6	295.78	24.30	44.38	-20.08	47.00	-22.70	---	---	HORIZONTAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

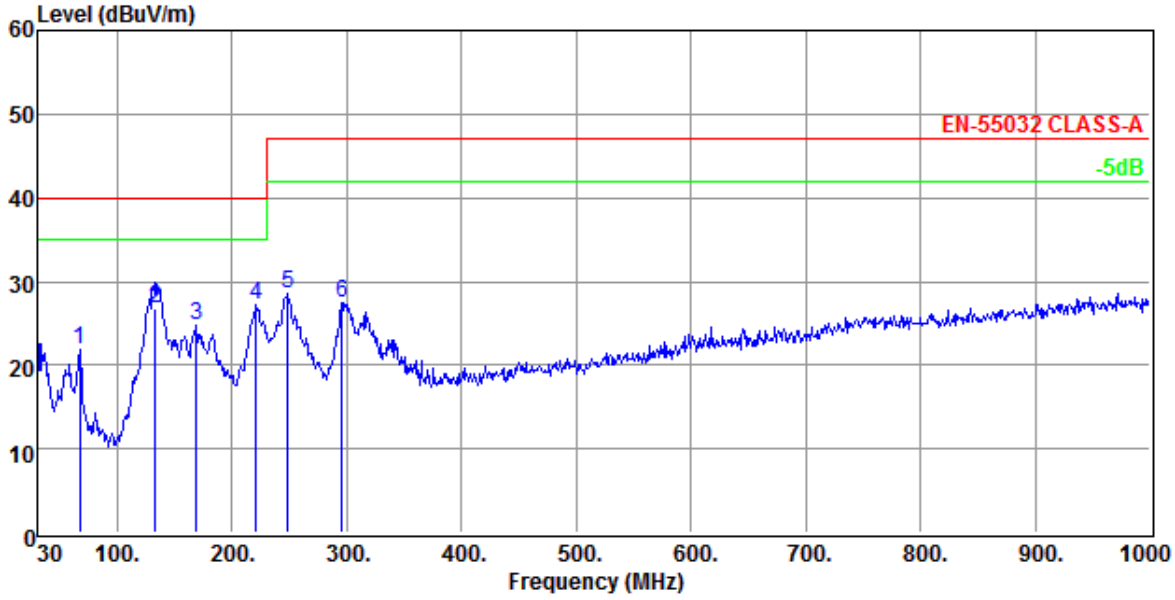
Test Mode	:	Mode 3 (Model No.: DRP-3200-24 Slot C, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Vertical**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	31.94	24.34	47.48	-23.14	40.00	-15.66	---	---	VERTICAL	Peak
2	54.25	25.86	47.57	-21.71	40.00	-14.14	---	---	VERTICAL	Peak
3	77.53	27.54	53.15	-25.61	40.00	-12.46	---	---	VERTICAL	Peak
4	116.33	24.57	48.14	-23.57	40.00	-15.43	133	23	VERTICAL	QP
5	131.85	24.48	46.53	-22.05	40.00	-15.52	---	---	VERTICAL	Peak
6	177.44	23.64	45.30	-21.66	40.00	-16.36	---	---	VERTICAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

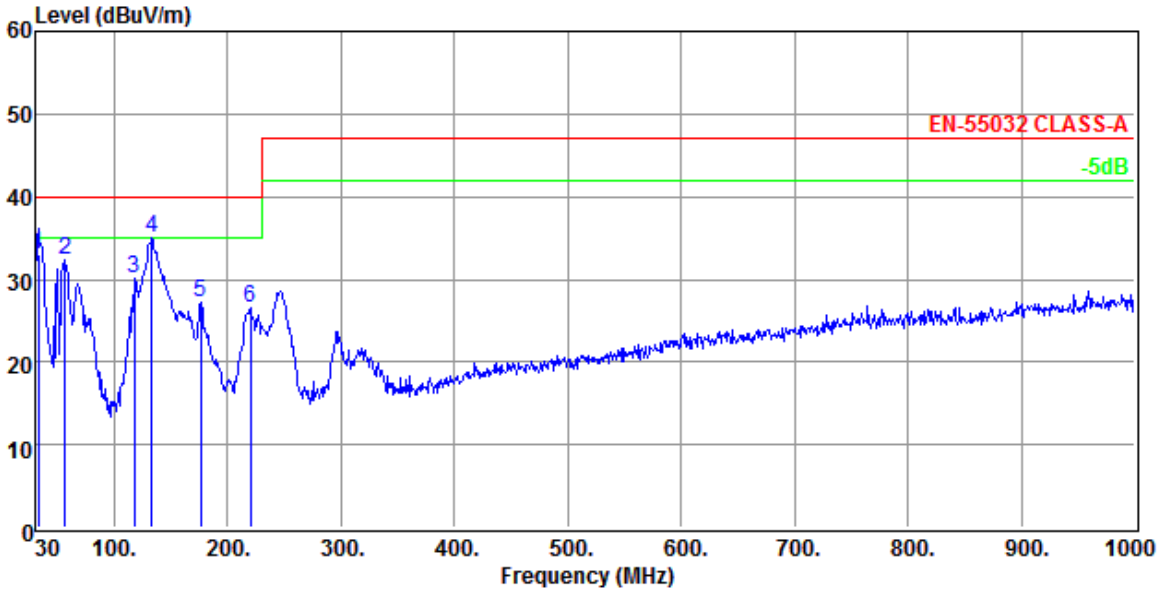
Test Mode	:	Mode 4 (Model No.: DRP-3200-24 Slot D, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Horizontal**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	66.86	21.84	45.11	-23.27	40.00	-18.16	---	---	HORIZONTAL	Peak
2	132.82	26.82	49.02	-22.20	40.00	-13.18	378	111	HORIZONTAL	QP
3	168.71	24.84	46.11	-21.27	40.00	-15.16	---	---	HORIZONTAL	Peak
4	221.09	27.24	51.33	-24.09	40.00	-12.76	---	---	HORIZONTAL	Peak
5	248.25	28.65	50.68	-22.03	47.00	-18.35	---	---	HORIZONTAL	Peak
6	295.78	27.40	47.48	-20.08	47.00	-19.60	---	---	HORIZONTAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

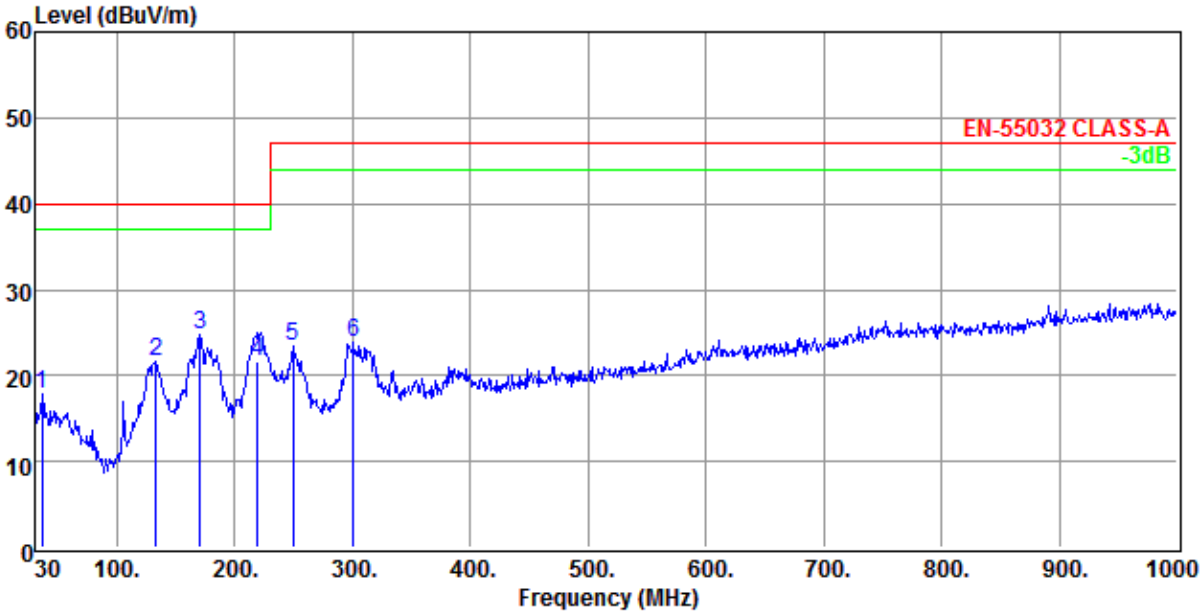
Test Mode	:	Mode 4 (Model No.: DRP-3200-24 Slot D, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Vertical**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	32.65	33.09	56.16	-23.07	40.00	-6.91	128	22	VERTICAL	QP
2	56.19	32.37	54.20	-21.83	40.00	-7.63	---	---	VERTICAL	Peak
3	117.30	30.07	53.55	-23.48	40.00	-9.93	---	---	VERTICAL	Peak
4	132.82	34.98	56.93	-21.95	40.00	-5.02	---	---	VERTICAL	Peak
5	176.47	27.18	48.76	-21.58	40.00	-12.82	---	---	VERTICAL	Peak
6	220.12	26.43	50.32	-23.89	40.00	-13.57	---	---	VERTICAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

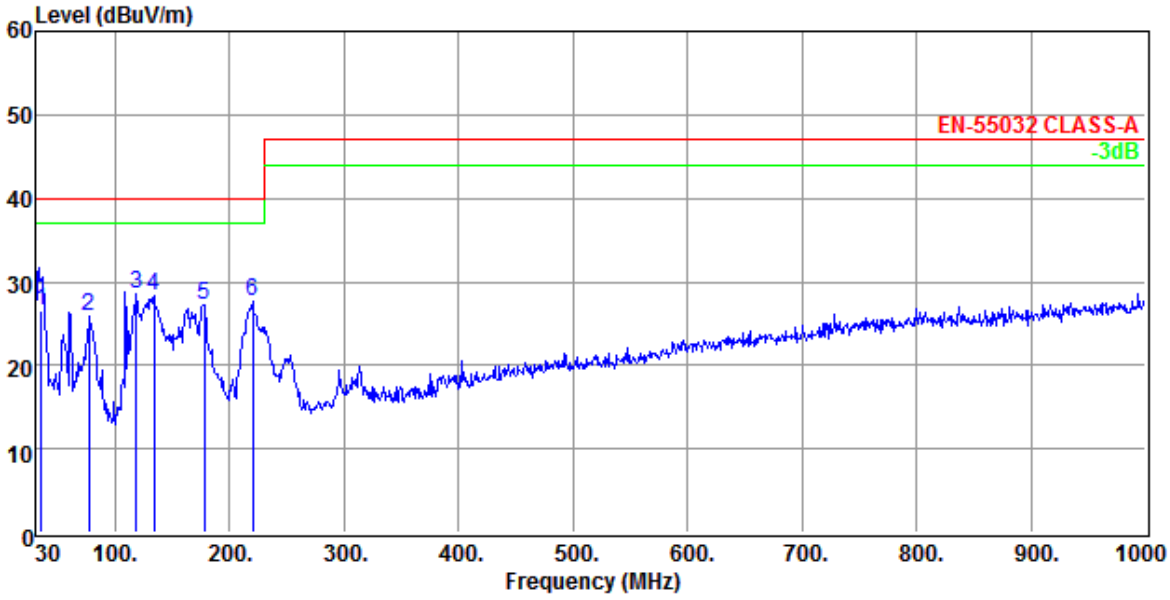
Test Mode	:	Mode 4 (Model No.: DRP-3200-24 Slot D, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Horizontal**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	35.82	17.80	40.66	-22.86	40.00	-22.20	---	---	HORIZONTAL	Peak
2	132.82	21.65	43.85	-22.20	40.00	-18.35	---	---	HORIZONTAL	Peak
3	170.65	24.73	46.12	-21.39	40.00	-15.27	---	---	HORIZONTAL	Peak
4	219.15	21.52	45.70	-24.18	40.00	-18.48	257	110	HORIZONTAL	QP
5	249.22	23.36	45.34	-21.98	47.00	-23.64	---	---	HORIZONTAL	Peak
6	300.63	23.80	43.76	-19.96	47.00	-23.20	---	---	HORIZONTAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

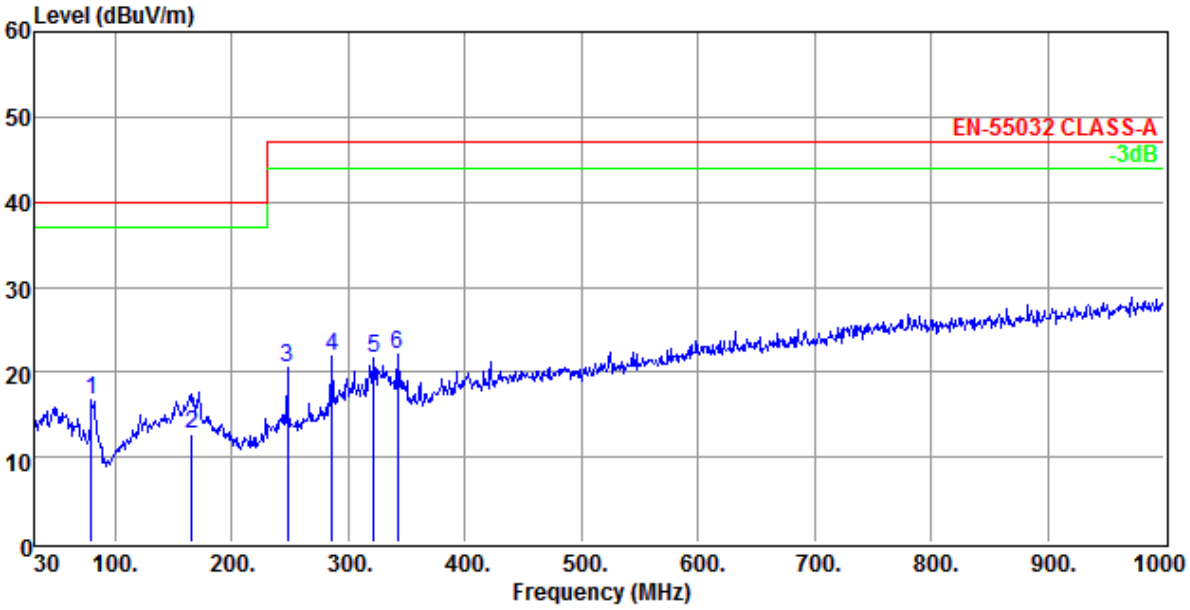
Test Mode	:	Mode 4 (Model No.: DRP-3200-24 Slot D, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Vertical**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	35.65	26.56	49.33	-22.77	40.00	-13.44	263	0	VERTICAL	QP
2	76.56	25.80	51.17	-25.37	40.00	-14.20	---	---	VERTICAL	Peak
3	118.27	28.45	51.84	-23.39	40.00	-11.55	---	---	VERTICAL	Peak
4	133.79	28.35	50.20	-21.85	40.00	-11.65	---	---	VERTICAL	Peak
5	177.44	27.24	48.90	-21.66	40.00	-12.76	---	---	VERTICAL	Peak
6	220.12	27.55	51.44	-23.89	40.00	-12.45	---	---	VERTICAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

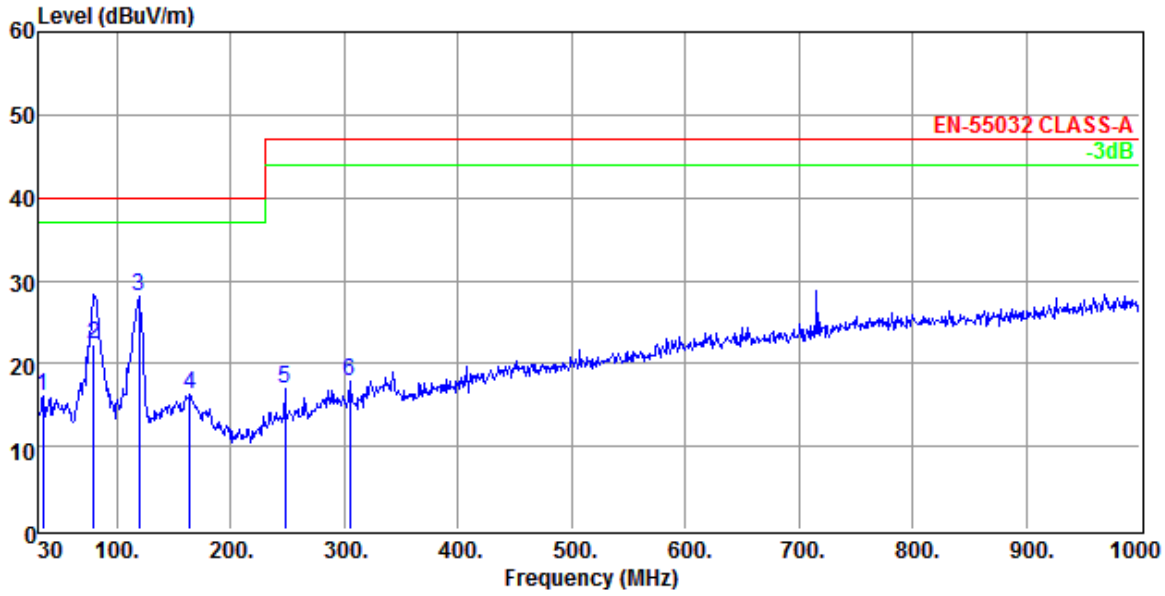
Test Mode	:	Mode 6 (Model No.: DRP-3200-48 Slot B, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Horizontal**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	79.47	16.68	42.67	-25.99	40.00	-23.32	---	---	HORIZONTAL	Peak
2	165.80	12.72	33.86	-21.14	40.00	-27.28	134	53	HORIZONTAL	QP
3	247.28	20.48	42.55	-22.07	47.00	-26.52	---	---	HORIZONTAL	Peak
4	286.08	21.94	42.33	-20.39	47.00	-25.06	---	---	HORIZONTAL	Peak
5	321.97	21.66	40.99	-19.33	47.00	-25.34	---	---	HORIZONTAL	Peak
6	342.34	21.97	40.74	-18.77	47.00	-25.03	---	---	HORIZONTAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

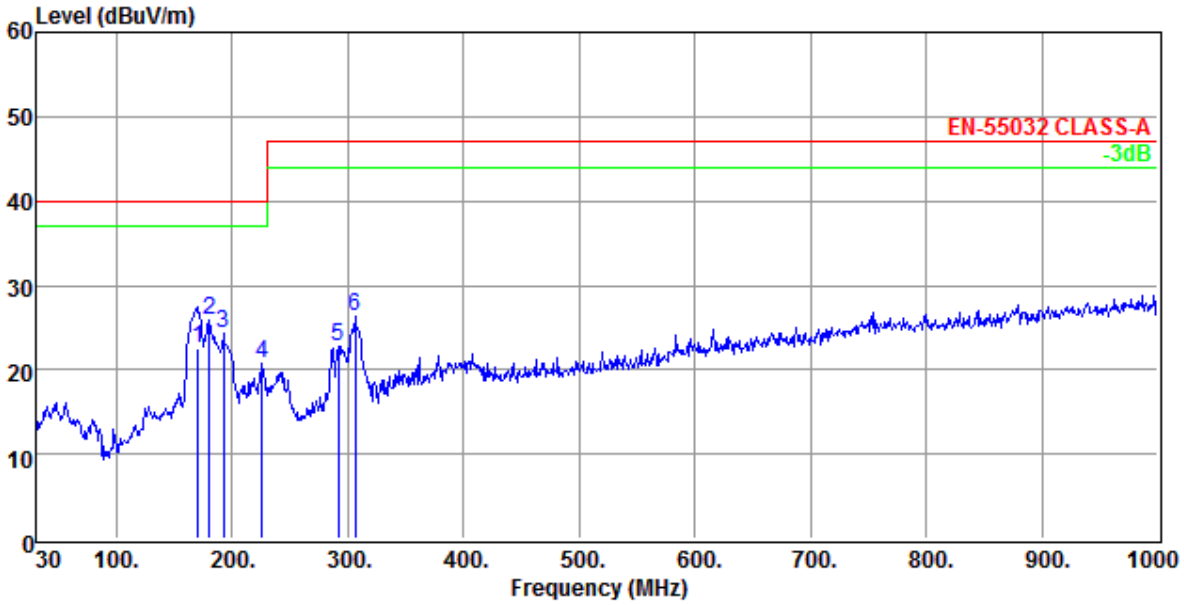
Test Mode	:	Mode 6 (Model No.: DRP-3200-48 Slot B, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Vertical**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	34.85	16.12	38.99	-22.87	40.00	-23.88	---	---	VERTICAL	Peak
2	79.51	22.37	48.45	-26.08	40.00	-17.63	119	27	VERTICAL	QP
3	119.24	28.00	51.31	-23.31	40.00	-12.00	---	---	VERTICAL	Peak
4	163.86	16.27	37.00	-20.73	40.00	-23.73	---	---	VERTICAL	Peak
5	247.28	16.87	38.52	-21.65	47.00	-30.13	---	---	VERTICAL	Peak
6	304.51	17.80	37.33	-19.53	47.00	-29.20	---	---	VERTICAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

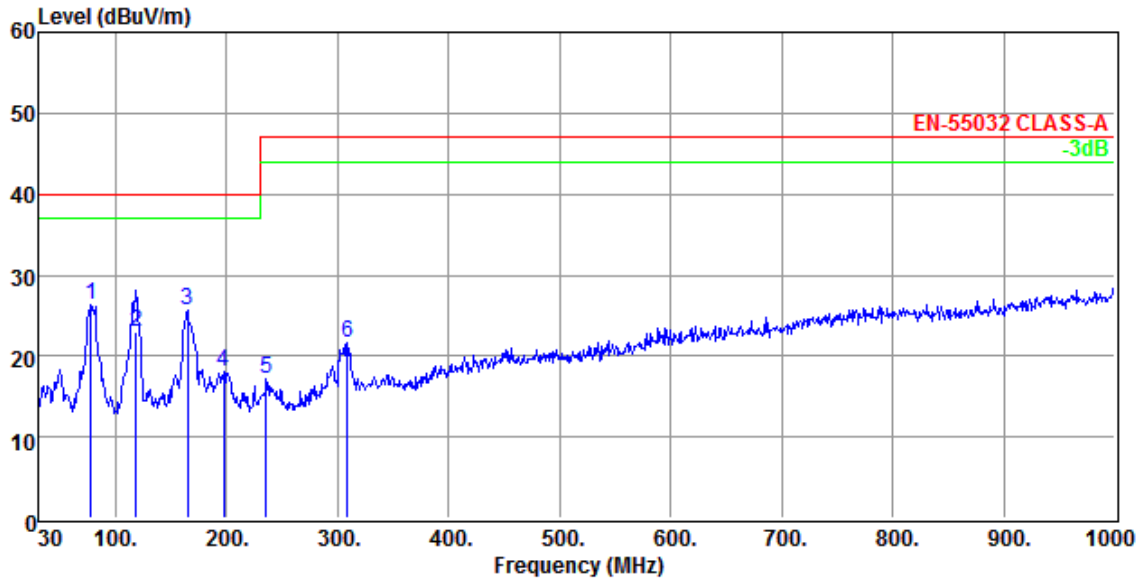
Test Mode	:	Mode 6 (Model No.: DRP-3200-48 Slot B, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Horizontal**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	170.65	22.60	43.99	-21.39	40.00	-17.40	216	12	HORIZONTAL	QP
2	180.35	25.97	48.24	-22.27	40.00	-14.03	---	---	HORIZONTAL	Peak
3	191.99	24.33	47.94	-23.61	40.00	-15.67	---	---	HORIZONTAL	Peak
4	225.94	20.64	44.40	-23.76	40.00	-19.36	---	---	HORIZONTAL	Peak
5	291.90	22.85	43.04	-20.19	47.00	-24.15	---	---	HORIZONTAL	Peak
6	306.45	26.32	46.10	-19.78	47.00	-20.68	---	---	HORIZONTAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

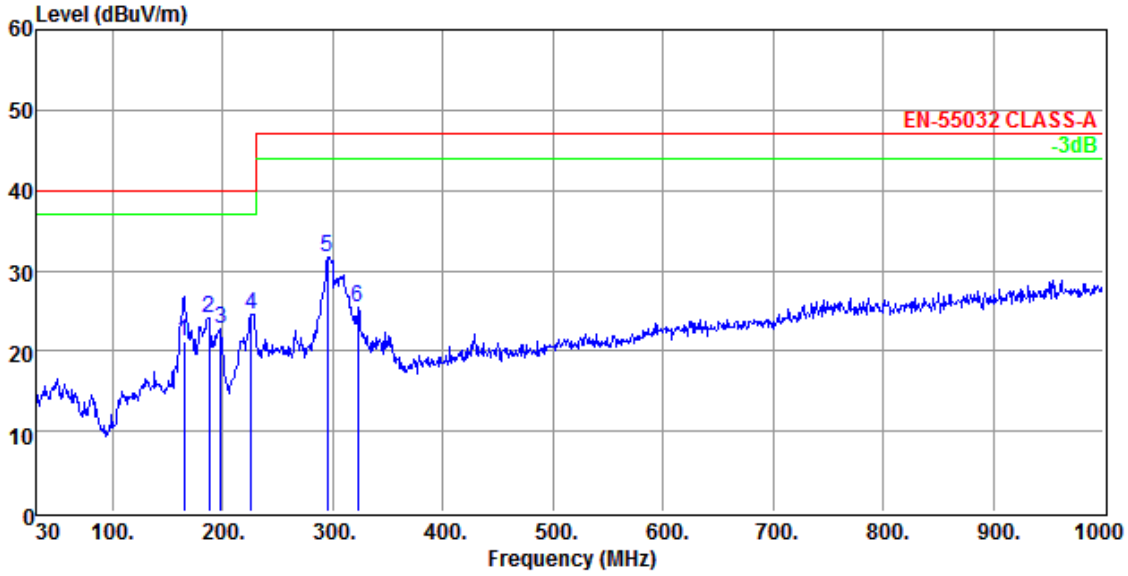
Test Mode	:	Mode 6 (Model No.: DRP-3200-48 Slot B, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Vertical**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	77.53	26.40	52.01	-25.61	40.00	-13.60	---	---	VERTICAL	Peak
2	118.27	22.92	46.31	-23.39	40.00	-17.08	105	47	VERTICAL	QP
3	164.83	25.75	46.53	-20.78	40.00	-14.25	---	---	VERTICAL	Peak
4	196.84	17.99	41.77	-23.78	40.00	-22.01	---	---	VERTICAL	Peak
5	235.64	17.13	39.51	-22.38	47.00	-29.87	---	---	VERTICAL	Peak
6	308.39	21.66	41.08	-19.42	47.00	-25.34	---	---	VERTICAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

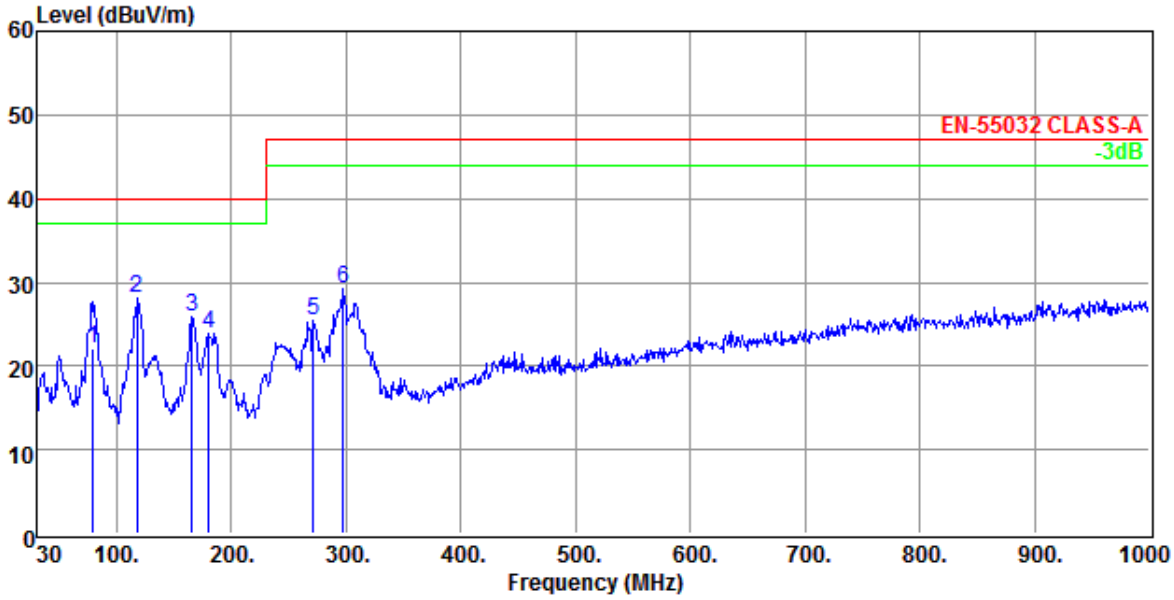
Test Mode	:	Mode 7 (Model No.: DRP-3200-48 Slot C, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Horizontal**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	164.83	21.10	42.21	-21.11	40.00	-18.90	347	94	HORIZONTAL	QP
2	187.14	24.04	47.14	-23.10	40.00	-15.96	---	---	HORIZONTAL	Peak
3	197.81	22.81	46.95	-24.14	40.00	-17.19	---	---	HORIZONTAL	Peak
4	225.94	24.62	48.38	-23.76	40.00	-15.38	---	---	HORIZONTAL	Peak
5	294.81	31.78	51.89	-20.11	47.00	-15.22	---	---	HORIZONTAL	Peak
6	322.94	25.48	44.78	-19.30	47.00	-21.52	---	---	HORIZONTAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

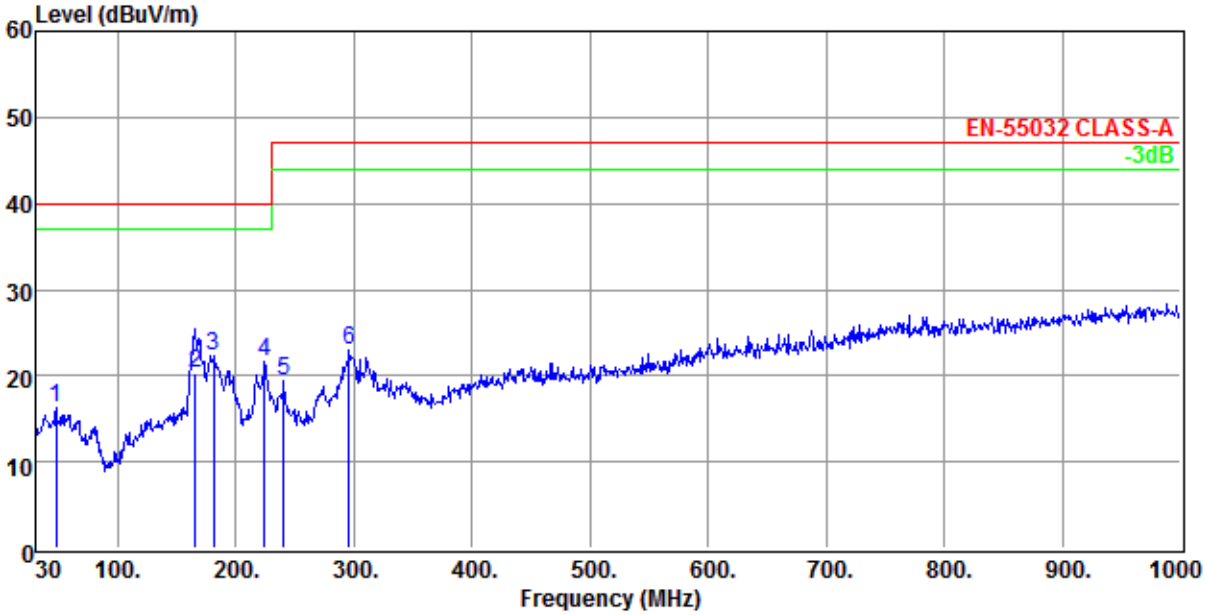
Test Mode	:	Mode 7 (Model No.: DRP-3200-48 Slot C, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Vertical**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	79.36	22.15	48.19	-26.04	40.00	-17.85	120	7	VERTICAL	QP
2	117.30	28.03	51.51	-23.48	40.00	-11.97	---	---	VERTICAL	Peak
3	165.80	25.77	46.58	-20.81	40.00	-14.23	---	---	VERTICAL	Peak
4	180.35	23.82	45.77	-21.95	40.00	-16.18	---	---	VERTICAL	Peak
5	271.53	25.43	46.04	-20.61	47.00	-21.57	---	---	VERTICAL	Peak
6	297.72	29.17	48.87	-19.70	47.00	-17.83	---	---	VERTICAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

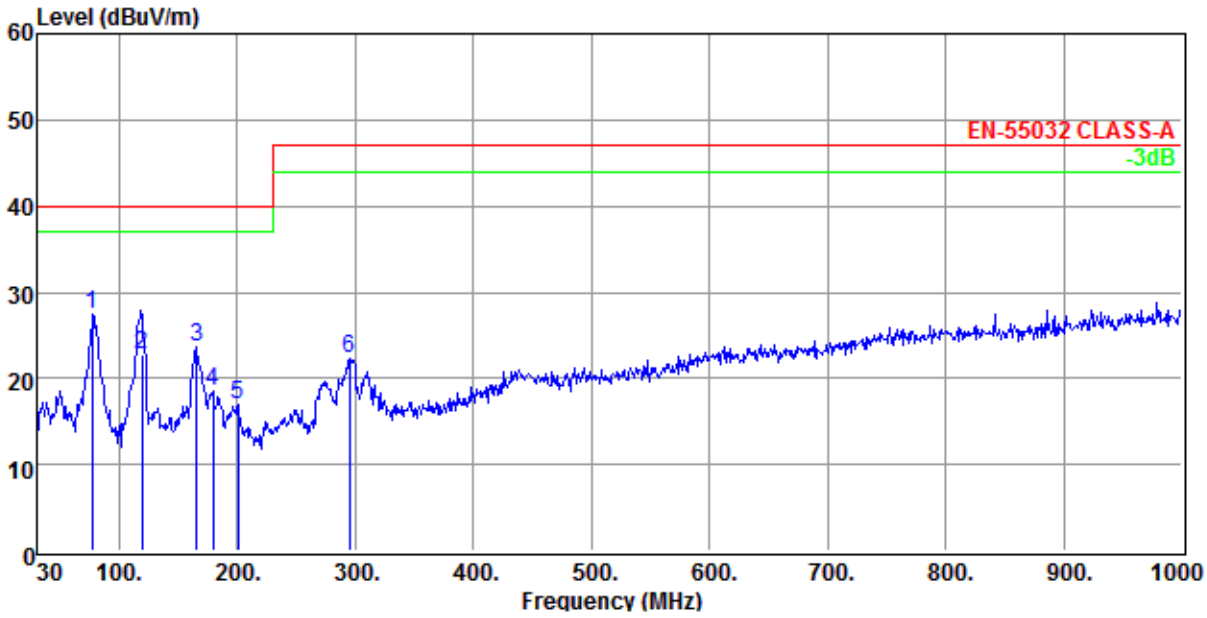
Test Mode	:	Mode 7 (Model No.: DRP-3200-48 Slot C, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Horizontal**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	47.46	16.24	38.08	-21.84	40.00	-23.76	---	---	HORIZONTAL	Peak
2	165.80	20.38	41.52	-21.14	40.00	-19.62	382	280	HORIZONTAL	QP
3	181.32	22.29	44.69	-22.40	40.00	-17.71	---	---	HORIZONTAL	Peak
4	224.00	21.53	45.43	-23.90	40.00	-18.47	---	---	HORIZONTAL	Peak
5	240.49	19.51	41.87	-22.36	47.00	-27.49	---	---	HORIZONTAL	Peak
6	295.78	23.01	43.09	-20.08	47.00	-23.99	---	---	HORIZONTAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

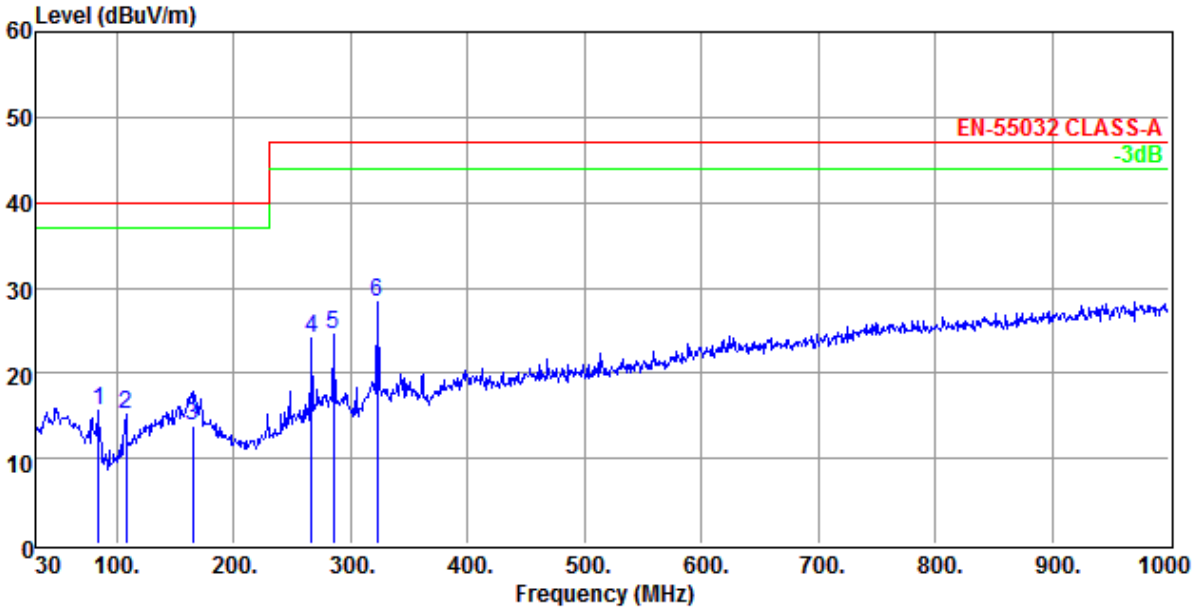
Test Mode	:	Mode 7 (Model No.: DRP-3200-48 Slot C, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Vertical**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	76.56	27.50	52.87	-25.37	40.00	-12.50	---	---	VERTICAL	Peak
2	118.99	22.74	46.07	-23.33	40.00	-17.26	183	73	VERTICAL	QP
3	165.80	23.67	44.48	-20.81	40.00	-16.33	---	---	VERTICAL	Peak
4	179.38	18.57	40.40	-21.83	40.00	-21.43	---	---	VERTICAL	Peak
5	200.72	17.00	40.96	-23.96	40.00	-23.00	---	---	VERTICAL	Peak
6	294.81	22.22	41.97	-19.75	47.00	-24.78	---	---	VERTICAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

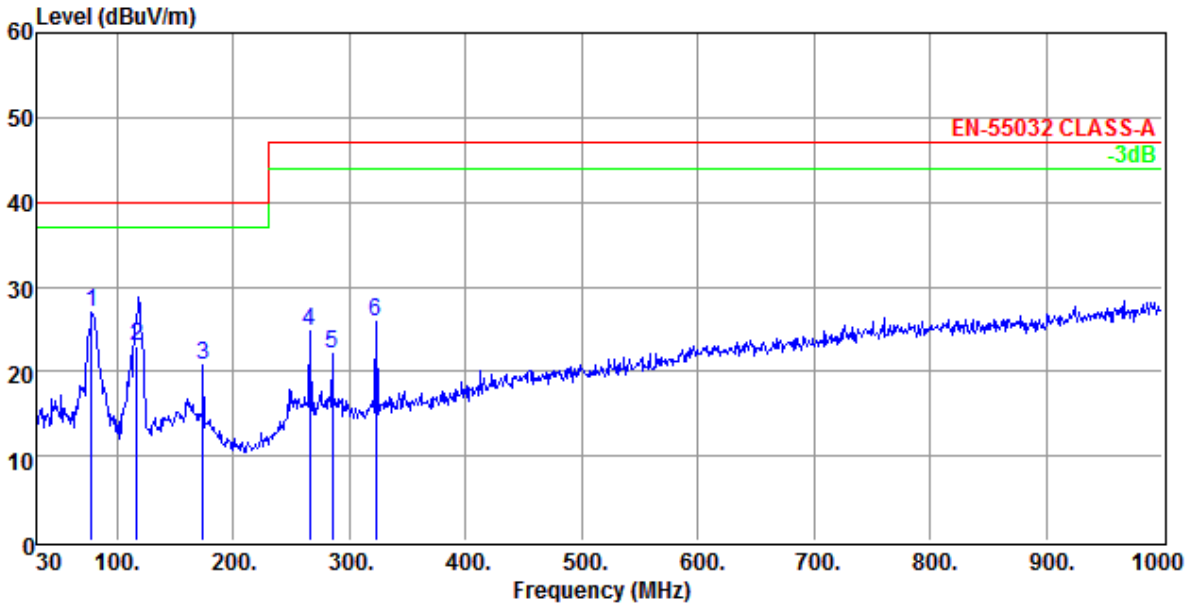
Test Mode	:	Mode 8 (Model No.: DRP-3200-48 Slot D, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Horizontal**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	84.32	15.52	42.24	-26.72	40.00	-24.48	---	---	HORIZONTAL	Peak
2	107.60	15.26	40.16	-24.90	40.00	-24.74	---	---	HORIZONTAL	Peak
3	164.83	13.88	34.99	-21.11	40.00	-26.12	152	32	HORIZONTAL	QP
4	266.68	24.09	45.41	-21.32	47.00	-22.91	---	---	HORIZONTAL	Peak
5	285.11	24.63	45.06	-20.43	47.00	-22.37	---	---	HORIZONTAL	Peak
6	322.94	28.39	47.69	-19.30	47.00	-18.61	---	---	HORIZONTAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

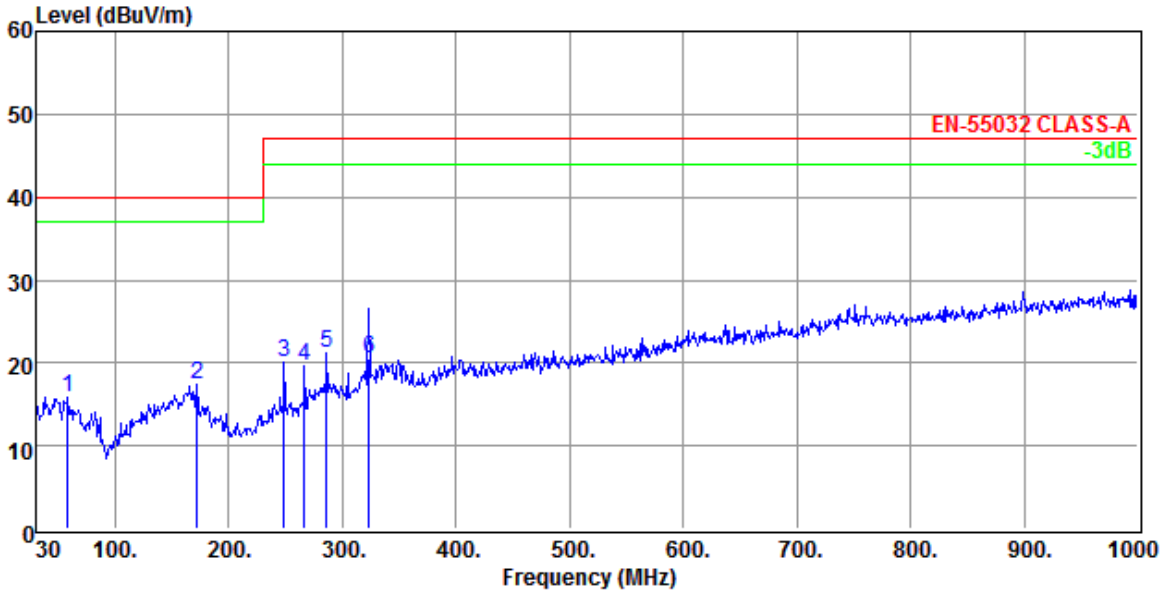
Test Mode	:	Mode 8 (Model No.: DRP-3200-48 Slot D, Full Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Vertical**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	77.53	27.02	52.63	-25.61	40.00	-12.98	---	---	VERTICAL	Peak
2	116.89	22.94	46.45	-23.51	40.00	-17.06	117	43	VERTICAL	QP
3	173.56	20.72	42.03	-21.31	40.00	-19.28	---	---	VERTICAL	Peak
4	265.71	24.72	45.67	-20.95	47.00	-22.28	---	---	VERTICAL	Peak
5	285.11	22.16	42.14	-19.98	47.00	-24.84	---	---	VERTICAL	Peak
6	322.94	25.91	44.94	-19.03	47.00	-21.09	---	---	VERTICAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

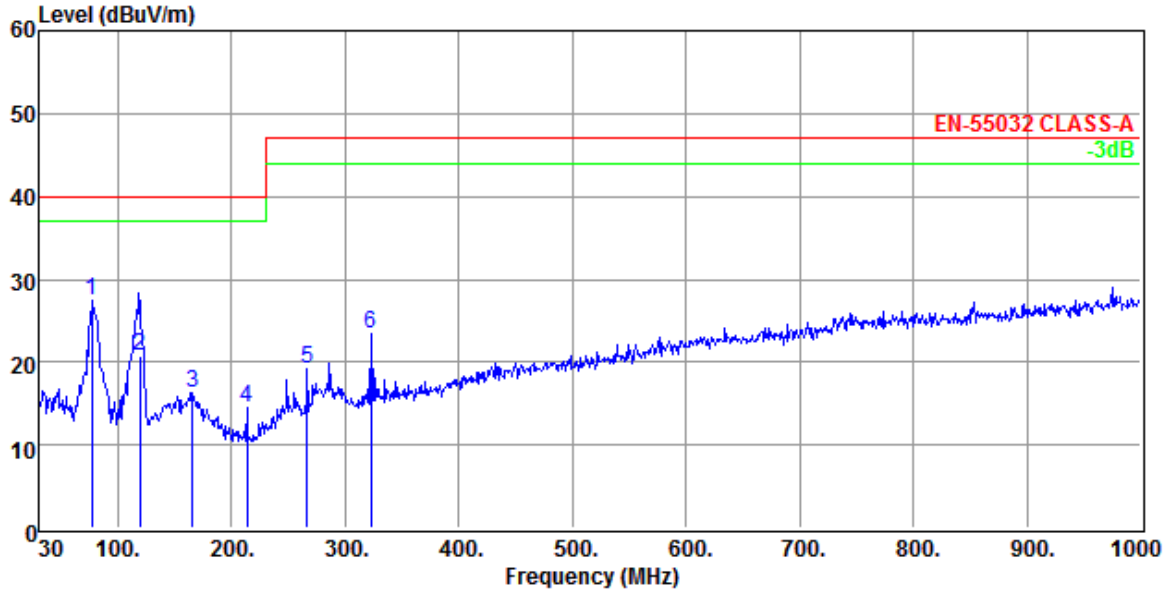
Test Mode	:	Mode 8 (Model No.: DRP-3200-48 Slot D, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Horizontal**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	58.13	15.92	38.09	-22.17	40.00	-24.08	---	---	HORIZONTAL	Peak
2	171.62	17.43	38.90	-21.47	40.00	-22.57	---	---	HORIZONTAL	Peak
3	248.25	20.16	42.19	-22.03	47.00	-26.84	---	---	HORIZONTAL	Peak
4	266.68	19.71	41.03	-21.32	47.00	-27.29	---	---	HORIZONTAL	Peak
5	286.08	21.30	41.69	-20.39	47.00	-25.70	---	---	HORIZONTAL	Peak
6	323.60	20.45	39.73	-19.28	47.00	-26.55	192	60	HORIZONTAL	QP

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

Test Mode	:	Mode 8 (Model No.: DRP-3200-48 Slot D, Half Load)			
Test Voltage	:	230V/50Hz			
Tester	:	Carl	**Temperature**	:	23°C
Humidity	:	72%RH	**Frequency Range**	:	30MHz~1GHz
IF Bandwidth	:	120kHz	**Polarization**	:	**Vertical**



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	76.56	27.42	52.79	-25.37	40.00	-12.58	---	---	VERTICAL	Peak
2	118.79	20.71	44.05	-23.34	40.00	-19.29	114	3	VERTICAL	QP
3	165.80	16.30	37.11	-20.81	40.00	-23.70	---	---	VERTICAL	Peak
4	213.33	14.60	38.54	-23.94	40.00	-25.40	---	---	VERTICAL	Peak
5	266.68	19.20	40.09	-20.89	47.00	-27.80	---	---	VERTICAL	Peak
6	322.94	23.38	42.41	-19.03	47.00	-23.62	---	---	VERTICAL	Peak

Note:
1. Emission Level = reading value + correction factor.
2. Correction factor = cable loss + antenna factor – gain of pre-amplifier.
3. Q.P is abbreviation of quasi-peak.

4. Harmonic Current Emission Measurement

Test Result : PASS

4.1 Limits for Emission Measurement

☑ Limits for Class A equipment

Harmonic order (n) Odd harmonics	Maximum permissible harmonic current (A)	Harmonic order (n) Even Harmonics	Maximum permissible harmonic current (A)
3	2.30	2	1.08
5	1.14	4	0.43
7	0.77	6	0.3
9	0.40	8 ≦ n ≦40	0.23 8/n
11	0.33		
13	0.21		
15 ≦ n ≦ 39	0.15 15/n		

☐ Limits for Class B equipment

It shall not exceed the values give in class A multiplied by a factor of 1.5.

☐ Limits for Class C equipment

Harmonic order (n)	Maximum permissible harmonic current expressed as a percentage of the input current at the fundamental frequency %
2	2
3	30·λ (λ is the circuit power factor)
5	10
7	7
9	5
11 ≤ n ≤ 39 (odd harmonics only)	3

☐ Limits for Class D equipment

Harmonic order (n)	Maximum permissible harmonic current per watt (mA/W)	Maximum permissible harmonic current (A)
3	3.4	2.30
5	1.9	1.14
7	1.0	0.77
9	0.5	0.40
11	0.35	0.33
13 ≤ n ≤ 39 (odd harmonics only)	3.85/n	See class A

4.2 Test Instruments

Test Site and Equipment	Manufacturer	Model No./ Serial No.	Last Calibration Date	Calibration Due Date
Multifunction AC/DC Power Source	EM Test	NetWave 60/ V1233113363	Dec. 27, 2017	Dec. 27, 2018
Digital Power Analyzer	EM Test	DPA 503 N/ V1233113364	Dec. 27, 2017	Dec. 27, 2018
Test Software	EM Test	dpa.control/ V5.3.1	NCR	NCR
TR14 Plane Grounding Site	CRC	TR14	NCR	NCR

Note:

1. The calibrations are traceable to NML/ROC.
2. NCR : No Calibration Required.

4.3 Test Procedures

a. The EUT was set up per the test configuration figured in the next section of this chapter to simulate the typical usage per the user's manual.

b. If the EUT is tabletop equipment, it was placed on a wooden table with a height of 0.8 meters in the shielded room.

c. If the EUT is floor-standing equipment, it was placed on a non-conducted support with a height of 0.1 meters in the shielded room.

d. Decide the classification of the EUT as following:

Class A : - balanced three-phase equipment

- household appliances, excluding equipment identified as class D
- tools, excluding portable tools
- dimmers for incandescent lamps
- audio equipment
- equipments not specified in one of the three other classes

Class B : - portable tools

- arc welding equipment which is not professional equipment.

Class C : - lighting equipment

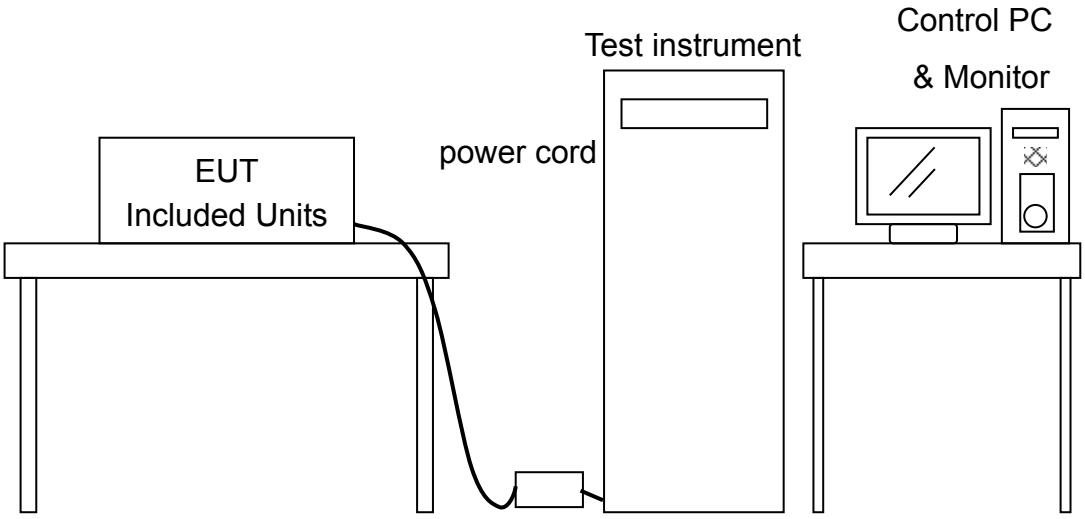
Class D : - Equipment specified power less than or equal to 600W of the following types

- personal computers and personal computer monitors
- television receivers
- refrigerators and freezers having one or more variable-speed drives to control compressor motor(s).

e. Connects the EUT's power source to the mains power supplied by the test instrument. Turn on the EUT.

f. Operating the EUT as required and measuring the harmonic current emissions on the current carrying lines of EUT's power source.

4.4 Test Configurations



4.5 Photographs of the Test Configurations

Please refer to the Attachment 1 of the present report.

4.6 Test Results

Test Mode : Mode 5 (Model No.: DRP-3200-48 Slot A, Full Load)

Tester : Eddie

Temperature : 24°C

Humidity : 55%RH

Test Frequency (Hz)	50.0
Test Voltage (V)	230
Test observation period (Minutes)	10
Reference Current (A)	14.147
Power Factor	0.997
Total Harmonic Distortion, THC (A)	0.70
Total Harmonic Distortion, THD (%)	5%
Power (Watt)	3279

Test Raw Data:

Average harmonic current results

Hn	Ieff [A]	% of Limit	Limit [A]	Result
1	14.147			
2	102.027E-3	9.447	1.08	PASS
3	415.475E-3	18.064	2.30	PASS
4	96.842E-3	22.521	430.00E-3	PASS
5	78.575E-3			PASS
6	83.236E-3			PASS
7	120.985E-3	15.712	770.00E-3	PASS
8	65.302E-3			PASS
9	42.686E-3			PASS
10	50.297E-3			PASS
11	103.768E-3	31.445	330.00E-3	PASS
12	41.852E-3			PASS
13	137.475E-3	65.464	210.00E-3	PASS
14	39.152E-3			PASS
15	114.699E-3	76.466	150.00E-3	PASS
16	35.760E-3			PASS
17	87.926E-3	66.434	132.35E-3	PASS
18	31.838E-3			PASS
19	54.095E-3			PASS
20	29.353E-3			PASS
21	83.678E-3			PASS
22	27.102E-3			PASS
23	92.056E-3	62.732	146.74E-3	PASS
24	24.508E-3			PASS
25	78.528E-3			PASS
26	24.515E-3			PASS
27	53.047E-3			PASS
28	24.374E-3			PASS
29	25.616E-3			PASS
30	21.001E-3			PASS
31	35.583E-3			PASS
32	19.499E-3			PASS
33	46.100E-3			PASS
34	18.677E-3			PASS
35	43.487E-3			PASS
36	17.533E-3			PASS
37	28.267E-3			PASS
38	17.617E-3			PASS
39	37.850E-3			PASS
40	17.074E-3			PASS

Harmonic currents less than 0.6% of the input current measured under the test conditions, or less than 5 mA, whichever is greater, are disregarded.

5. Voltage Fluctuations and Flickers Emission Measurement

Test Result : PASS

5.1 Limits for Emission Measurement

- the short-term flicker indicator, P_{st}, shall not be greater than 1.0;
- the long-term flicker indicator, P_{lt}, shall not be greater than 0.65;
- the relative steady-state voltage change, d_c, shall not exceed 3.3%;
- the voltage change with time, d(t), during a voltage change shall not exceed 3.3% for more than 500ms.
- the maximum relative voltage change, d_{max}, shall not exceed
  - ☑ a) 4% without additional conditions;
  - ☐ b) 6% for equipment which is switched manually
  - ☐ c) 7% for equipment which is attended whilst in use

5.2 Test Instruments

Test Site and Equipment	Manufacturer	Model No./ Serial No.	Last Calibration Date	Calibration Due Date
Multifunction AC/DC Power Source	EM Test	NetWave 60/ V1233113363	Dec. 27, 2017	Dec. 27, 2018
Digital Power Analyzer	EM Test	DPA 503 N/ V1233113364	Dec. 27, 2017	Dec. 27, 2018
Artificial lumped Impedance for Flicker	EM Test	AIF 503 N63/ V1233113365	Dec. 27, 2017	Dec. 27, 2018
Test Software	EM Test	dpa.control/ V5.3.1	NCR	NCR
TR14 Plane Grounding Site	CRC	TR14	NCR	NCR

Note:

1. The calibrations are traceable to NML/ROC.
2. NCR : No Calibration Required.

5.3 Test Procedures

a. The EUT was set up per the test configuration figured in the next section of this chapter to simulate the typical usage per the user's manual.

b. If the EUT is tabletop equipment, it was placed on a wooden table with a height of 0.8 meters in the shielded room.

c. If the EUT is floor-standing equipment, it was placed on a non-conducted support with a height of 0.1 meters in the shielded room.

d. Decide the type of EUT to define the d_{max} limit and its corresponding test methods described in the relative standard.

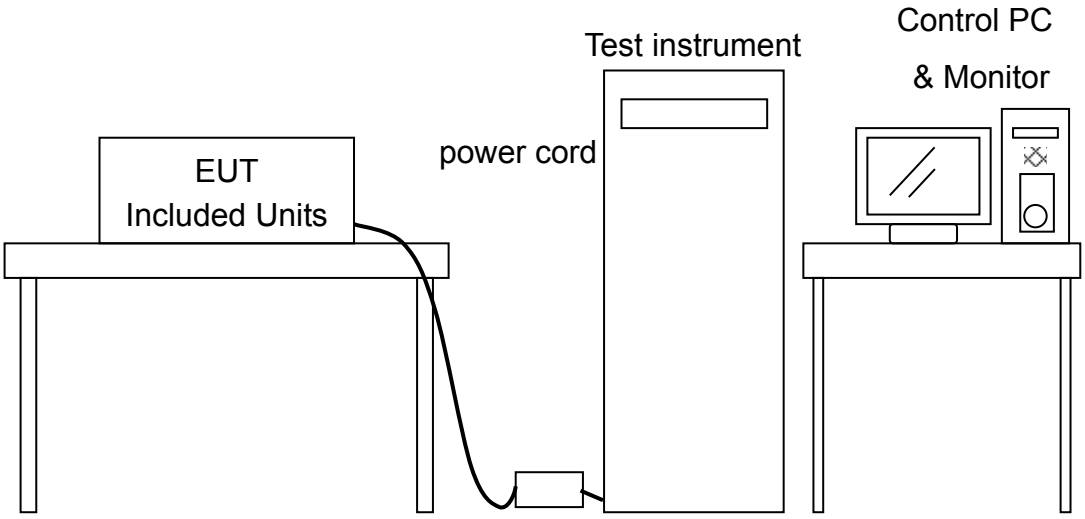
e. Maintain the supply voltage to be ±2% of the EUT's rated voltage and also the frequency to be 50Hz ±0.5%.

f. Connects the EUT's power source to the mains power supplied by the test instrument.

g. Operating the EUT as required and measuring the voltage fluctuation and flickers of EUT's power source.

h. Verify the fluctuations of the test supply voltage to be less than 0.4 before and after the test.

5.4 Test Configurations



5.5 Photographs of the Test Configurations

Please refer to the Attachment 1 of the present report.

5.6 Test Results

Test Mode : Mode 5 (Model No.: DRP-3200-48 Slot A, Full Load)

Tester : Eddie

Temperature : 24°C

Humidity : 55%RH

TEST FREQ	50 Hz		
TEST VOLTS	230 Vac		
TEST TIME	10 Minutes		
	EUT values	**Limit**	**Result**
Pst	0.050	1.00	PASS
Plt	0.050	0.65	PASS
dc [%]	0.000	3.30	PASS
dmax [%]	0.092	4.00	PASS
dt [s]	0.000	0.50	PASS

6. Electrostatic Discharge (ESD) Immunity Test

Test Result : PASS

6.1 Specifications of Immunity Test Requirement

Product (Generic) Standard	**:**	EN 55024 EN 61000-6-2 as §1.3 described
Basic Standard	**:**	EN 61000-4-2
Required Performance	**:**	B
Test Level	**:**	2 (Contact discharge) 3 (Air discharge)
Discharge Voltage	**:**	Contact → ±4kV (Direct / Indirect discharge) Air → ±2 kV, ±4kV, ±8kV (Direct discharge)
Time Interval	**:**	1 sec. minimum
Number of discharges	**:**	Minimum 20 times at each test point
Test Voltage	**:**	230V/50Hz
Tester	**:**	Wilson
Ambient Temperature	**:**	22°C
Relative Humidity	**:**	44%
Atmospheric Pressure	**:**	1025mbar

6.2 Test Instruments

Test Site and Equipment	Manufacturer	Model No./ Serial No.	Last Calibration Date	Calibration Due Date
Electrostatic Generator	EM TEST	DITO/ V0644101914	April 12, 2017	April 12, 2018
TR12 Plane Grounding Site	CRC	TR12	NCR	NCR

Note:

1. The calibrations are traceable to NML/ROC.
2. NCR : No Calibration Required.

6.3 Test Procedures

a. The EUT was set up per the test configuration figured in the next section of this chapter to simulate the typical usage per the user's manual.

b. If the EUT is tabletop equipment, it was placed on a wooden table with a height of 0.8 meters above the ground reference plane in the shielded room. Also a HCP (Horizontal Coupling Plane) which was connected to the ground reference plane via a cable with a 470kΩ resister located at each end was placed on the wooden table and isolated with the EUT by an insulating support 0.5mm thick. The ground reference plane shall project beyond the EUT or HCP by at least 0.5m on all sides.

c. If the EUT is floor-standing equipment, it was placed on a non-conducted support with a height of 0.1 meters above the ground reference plane in the shielded room. The ground reference plane shall project beyond the EUT by at least 0.5m on all sides.

d. Keep the EUT 1m away from all other metallic walls in the shielded room as the minimum distance.

e. The static electricity discharges shall be applied only to those points and surfaces of the EUT which are accessible to persons during normal use. Contact discharge is the preferred test method and it is applied to the conductive surfaces of EUT and coupling planes. Air discharge shall be used where contact discharge cannot be performed and it is applied to the insulating surfaces of EUT.

f. The discharge return cable of the generator shall be kept at a distance of at least 0.2m from the EUT whilst the discharge is being applied.

g. The time interval between successive single discharges was at least 1 second.

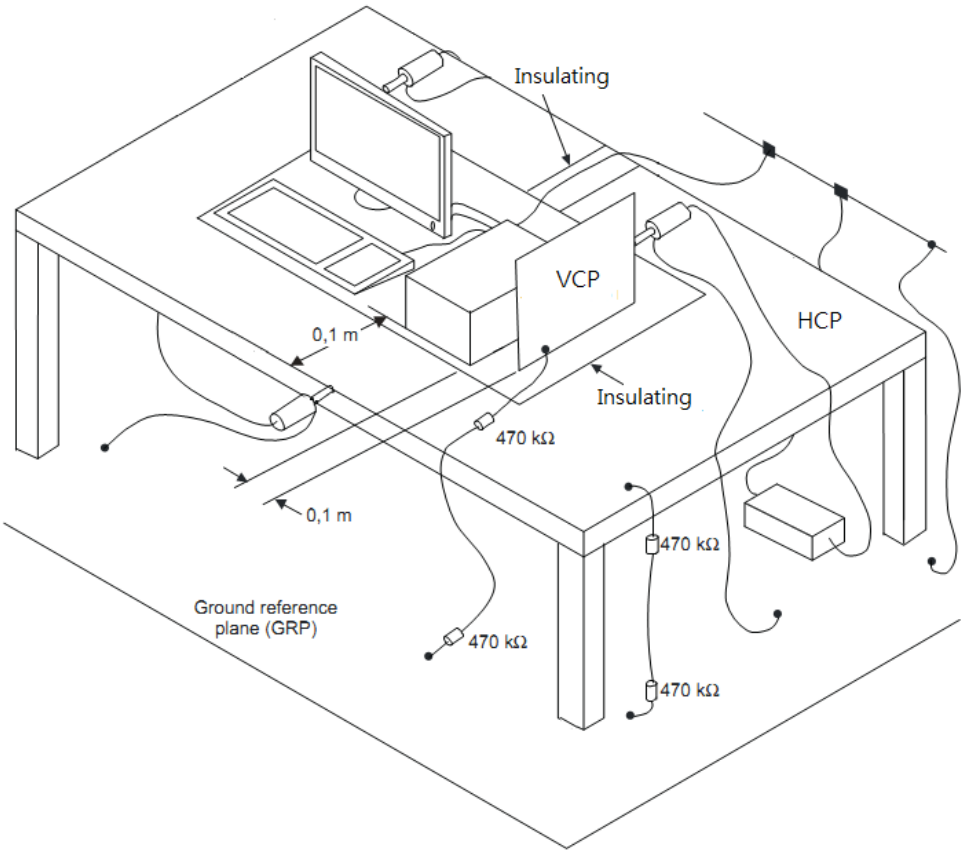
h. Select appropriate points of the EUT for contact discharge and put marks on it to indicate the tested point(s). Then start the contact discharge with the tip of the discharge electrode to touch the EUT before the discharge switch is operated.

i. Use the round discharge tip of the discharge electrode to scan the EUT to select the points for air discharge. Then start the air discharge by approaching the discharge electrode as fast as possible to touch the EUT. After each discharge, the ESD generator shall be removed from the EUT.

j. The indirect HCP discharge test is applied at the front edge of each HCP opposite the center point of each unit of the EUT and 0.1m from the front of the EUT. The long axis of the discharge electrode shall be in the plane of the HCP and perpendicular to its front edge during the discharge.

k. The indirect VCP (Vertical Coupling Plane) discharge test is applied to the center of one vertical edge of the coupling plane. The VCP, of dimensions 0.5m×0.5m, is placed parallel to, and positioned at a distance of 0.1m from the EUT. It shall be applied with sufficient different positions such that the four faces of the EUT are completely illuminated.

6.4 Test Configurations



6.5 Photographs of the Test Configurations

Please refer to the Attachment 1 of the present report.

6.6 Test Results

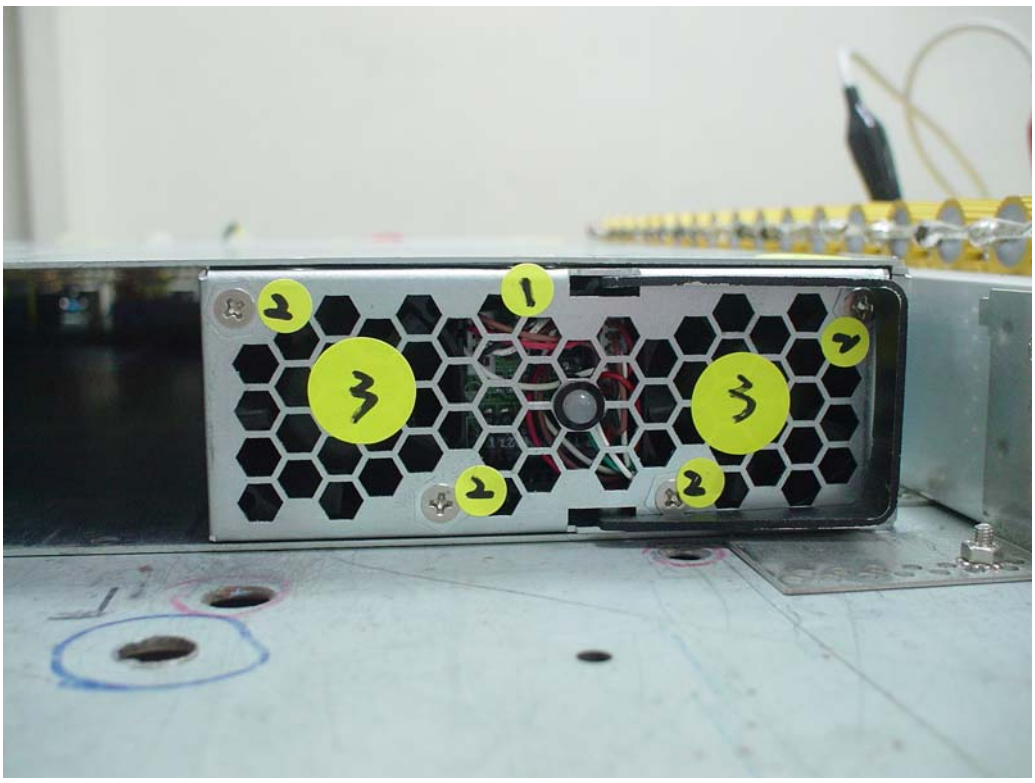
Test Mode : Mode 5 (Model No.: DRP-3200-48 Slot A, Full Load)

Discharge Voltage (kV)	Type of discharge	Label for Dischargeable Points	Performance		Result (Pass/Fail)
			Required	Observation	
±4	Contact	1,2,3	B	A(1)	**Pass**
±2	Air	1,2,3	B	A(1)	**Pass**
±4	Air	1,2,3	B	A(1)	**Pass**
±8	Air	1,2,3	B	A(1)	**Pass**
±4	HCP-Bottom	Edge of the HCP	B	A(1)	**Pass**
±4	VCP-Front	Center of the VCP	B	A(1)	**Pass**
±4	VCP-Left	Center of the VCP	B	A(1)	**Pass**
±4	VCP-Back	Center of the VCP	B	A(1)	**Pass**
±4	VCP-Right	Center of the VCP	B	A(1)	**Pass**

Observation of Performance during Test

(1) Normal operation condition specified by manufacturer during the test.

Photographs of the Dischargeable Points on the EUT for ESD Test




A
B
C
D

7. Radiated Electromagnetic Field (RS) Immunity Test

Test Result : PASS

7.1 Specifications of Immunity Test Requirement

Product (Generic) Standard	**:**	EN 55024 as §1.3 described
Basic Standard	**:**	EN 61000-4-3
Required Performance	**:**	A
Test Level	**:**	2
Field Strength	**:**	3 V/m
Test Frequency Range	**:**	80MHz~1GHz
Frequency Step	**:**	1% of the momentary frequency
Dwell Time	**:**	Minimum 3 sec. per frequency
Modulation	**:**	1kHz Sine Wave with 80% Amplitude Modulation
Polarization of Antenna	**:**	Horizontal and Vertical
Test Voltage	**:**	230V/50Hz
Tester	**:**	Eddie
Ambient Temperature	**:**	23°C
Relative Humidity	**:**	58%
Atmospheric Pressure	**:**	1021mbar

Product (Generic) Standard	**:**	EN 61000-6-2 as §1.3 described
Basic Standard	**:**	EN 61000-4-3
Required Performance	**:**	A
Test Level	**:**	3
Field Strength	**:**	10 V/m (80MHz~1GHz) 3 V/m (1.4GHz~2GHz) 1 V/m (2GHz~2.7GHz)
Test Frequency Range	**:**	80MHz~1GHz/ 1.4GHz~2GHz/ 2GHz~2.7GHz
Frequency Step	**:**	1% of the momentary frequency
Dwell Time	**:**	Minimum 3 sec. per frequency
Modulation	**:**	1kHz Sine Wave with 80% Amplitude Modulation
Polarization of Antenna	**:**	Horizontal and Vertical
Test Voltage	**:**	230V/50Hz
Tester	**:**	Eddie
Ambient Temperature	**:**	23°C
Relative Humidity	**:**	58%
Atmospheric Pressure	**:**	1021mbar

7.2 Test Instruments

Test Site and Equipment	Manufacturer	Model No./ Serial No.	Last Calibration Date	Calibration Due Date
Signal Generator	R&S	SMB 100A / 113868	March 10, 2017	March 10, 2018
Dual Directional Coupler	AR	DC-6180 / 28730	Jan. 18, 2017	Jan. 18, 2018
	AR	DC7205A / 0347145	April 26, 2017	April 26, 2018
Boardband Amplifier	TESEQ	CBA 1G-275 / T4428	NCR	NCR
	R&S	BBA150 / 308785	NCR	NCR
Log Antenna	R&S	HL046 / 359132/004	NCR	NCR
Stacked log.-Per Antenna	Schwarzbeck Mess - Elektronik	STLP 9149 / 9149-467	NCR	NCR
Isotropic E Field Probe	AR	FL7006 / 336500	Feb. 23, 2017	Feb. 23, 2018
Average Power Sensor	R&S	NRP6AN / 101001	March 13, 2017	March 13, 2018
Test Software	Audix	i2 / V5.160802a	NCR	NCR
TR3 fully-anechoic chamber	ETS. LINDGREN	TR3/ 15353-I	April 7, 2017	April 7, 2018

Note:

1. The calibrations are traceable to NML/ROC.
2. NCR : No Calibration Required.
3. The calibration date of the fully-anechoic chamber listed above is the date of Field Uniformity Calibration measurement.

7.3 Test Procedures

a. The EUT was set up per the test configuration figured in the next section of this chapter to simulate the typical usage per the user's manual.

b. If the EUT is tabletop equipment, it was placed on a wooden table with a height of 0.8 meters and 2.0 meters away from the transmitting antenna in the fully anechoic chamber.

c. If the EUT is floor-standing equipment, it was placed on a non-conducted support with a height of 0.1 meters and 2.0 meters away from the transmitting antenna in the fully anechoic chamber. Also if the floor-standing equipment which is capable of being stood on a non-conducting 0.8m high platform may be so arranged.

d. All EUT's individual faces shall be fully enclosed by the "uniform area" and its wires shall be arranged parallel to the uniform area of the field.

e. Before testing the EUT, the intensity of the established field strength is checked by placing the field sensor at a calibration grid point to give the calibrated field strength to measure the EUT.

f. After the calibration has been verified, the test field can be generated using the values obtained from the calibration.

g. Perform the test with the specified immunity level in the test frequency range and with the specified modulation type.

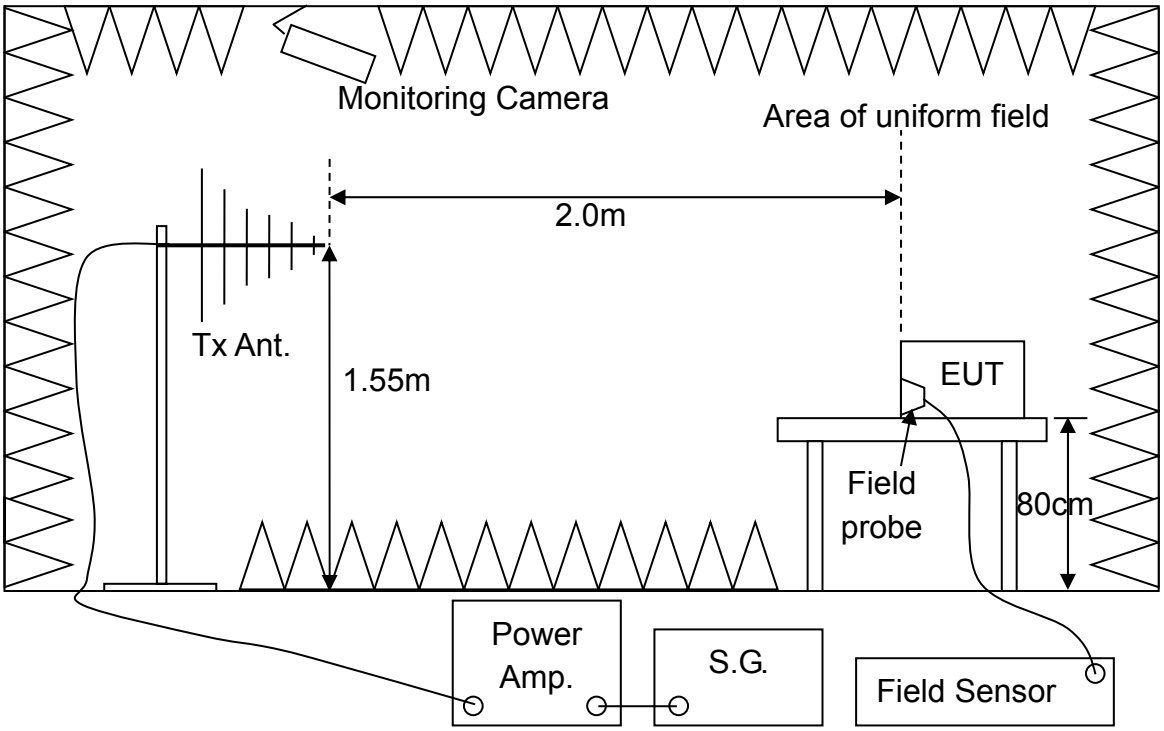
h. The transmitting antenna is normally facing each of the four sides of the EUT with two polarizations (Vertical and Horizontal) to perform the test.

i. The dwell time at each frequency shall be not less than the time necessary for the EUT to be exercised and be able to respond.

j. The sensitive frequencies of EUT shall be analyzed separately, if any.

k. Record the performance of the EUT.

7.4 Test Configurations



7.5 Photographs of the Test Configurations

Please refer to the Attachment 1 of the present report.

7.6 Test Results

Test Mode : Mode 5 (Model No.: DRP-3200-48 Slot A, Full Load)

Test Standard : EN 55024

80-1000 MHz, with 1kHz Sine Wave 80% Amplitude Modulation				
Side of the EUT	**Polarization**	**Performance**		**Result**
		Required	**Observation**	**(Pass/Fail)**
Front	H	A	A(1)	**Pass**
	V	A	A(1)	**Pass**
Left	H	A	A(1)	**Pass**
	V	A	A(1)	**Pass**
Back	H	A	A(1)	**Pass**
	V	A	A(1)	**Pass**
Right	H	A	A(1)	**Pass**
	V	A	A(1)	**Pass**

Observation of Performance during Test

(1) Normal operation condition specified by manufacturer during the test.

Test Standard : EN 61000-6-2

80-1000 MHz, with 1kHz Sine Wave 80% Amplitude Modulation				
Side of the EUT	**Polarization**	**Performance**		**Result**
		Required	**Observation**	**(Pass/Fail)**
Front	H	A	A(1)	**Pass**
	V	A	A(1)	**Pass**
Left	H	A	A(1)	**Pass**
	V	A	A(1)	**Pass**
Back	H	A	A(1)	**Pass**
	V	A	A(1)	**Pass**
Right	H	A	A(1)	**Pass**
	V	A	A(1)	**Pass**

Observation of Performance during Test

(1) Normal operation condition specified by manufacturer during the test.

1.4GHz~2GHz, with 1kHz Sine Wave 80% Amplitude Modulation				
Side of the EUT	**Polarization**	**Performance**		**Result**
		Required	**Observation**	**(Pass/Fail)**
Front	H	A	A(1)	**Pass**
	V	A	A(1)	**Pass**
Left	H	A	A(1)	**Pass**
	V	A	A(1)	**Pass**
Back	H	A	A(1)	**Pass**
	V	A	A(1)	**Pass**
Right	H	A	A(1)	**Pass**
	V	A	A(1)	**Pass**

Observation of Performance during Test

(1) Normal operation condition specified by manufacturer during the test.

2GHz~2.7GHz, with 1kHz Sine Wave 80% Amplitude Modulation				
Side of the EUT	**Polarization**	**Performance**		**Result (Pass/Fail)**
		Required	**Observation**	
Front	H	A	A(1)	**Pass**
	V	A	A(1)	**Pass**
Left	H	A	A(1)	**Pass**
	V	A	A(1)	**Pass**
Back	H	A	A(1)	**Pass**
	V	A	A(1)	**Pass**
Right	H	A	A(1)	**Pass**
	V	A	A(1)	**Pass**

Observation of Performance during Test

(1) Normal operation condition specified by manufacturer during the test.

8. Electrical fast transient / burst (EFT) Immunity Test

Test Result : PASS

8.1 Specifications of Immunity Test Requirement

Product (Generic) Standard	**:**	EN 55024 EN 61000-6-2 as §1.3 described
Basic Standard	**:**	EN 61000-4-4
Required Performance	**:**	B
Test Level	**:**	3
Voltage Peak	**:**	☑ ±1kV, ±2kV (on power supply port) ☐ ±0.5kV (on I/O signal, data and control port)
Impulse Frequency	**:**	5kHz
Wave Shape of the Pulse (T_r/T_h)	**:**	5ns / 50ns
Burst Duration	**:**	15ms
Burst Period	**:**	300ms
Time Duration	**:**	1 min
Test Voltage	**:**	230V/50Hz
Tester	**:**	Eddie
Ambient Temperature	**:**	23°C
Relative Humidity	**:**	58%
Atmospheric Pressure	**:**	1021mbar

8.2 Test Instruments

Test Site and Equipment	Manufacturer	Model No./ Serial No.	Last Calibration Date	Calibration Due Date
EFT/Burst Simulator	EMC PARTNER	TRA2006/ 1501	Aug. 18, 2017	Aug. 18, 2018
Test Software	EMC PARTNER	TEMA/ Ver. 2.05	NCR	NCR
TR14 Plane Grounding Site	CRC	TR14	NCR	NCR

Note:

1. The calibrations are traceable to NML/ROC.
2. NCR : No Calibration Required.

8.3 Test Procedures

a. The EUT was set up per the test configuration figured in the next section of this chapter to simulate the typical usage per the user's manual.

b. If the EUT is tabletop equipment, it was placed on a non-conducted support with a height 0.1 meters above the ground reference plane. Also the ground reference plane is placed on a wooden table with a height of 0.8 meters in the shielded room. The ground reference plane shall project beyond the EUT by at least 0.1m on all sides.

c. If the EUT is floor-standing equipment, it was placed on a non-conducted support with a height of 0.1 meters above the ground reference plane in the shielded room. The ground reference plane shall project beyond the EUT by at least 0.1m on all sides.

d. The test generator and the coupling/decoupling network shall be placed directly on, and bonded to, the ground reference plane.

e. All cables to the EUT shall be placed on the insulation support 0.1 m above the ground reference plane. Cables not subject to electrical fast transients shall be routed as far as possible from the cable under test to minimize the coupling between the cables.

f. Keep the EUT 0.5m away from all other conductive structures, except the ground reference plane beneath the EUT as the minimum distance. Also if any, the minimum distance between the coupling clamp and all other conductive structures, except the ground reference plane beneath the coupling clamp and EUT shall be 0.5m.

g. Keep the length of the power and signal lines, if required, between the coupling device and the EUT to be 0.5m. If a non-detachable supply cable more than 0.5m long, the excess length of this cable shall be folded to avoid a flat coil and situated at a distance of 0,1 m above the ground reference plane.

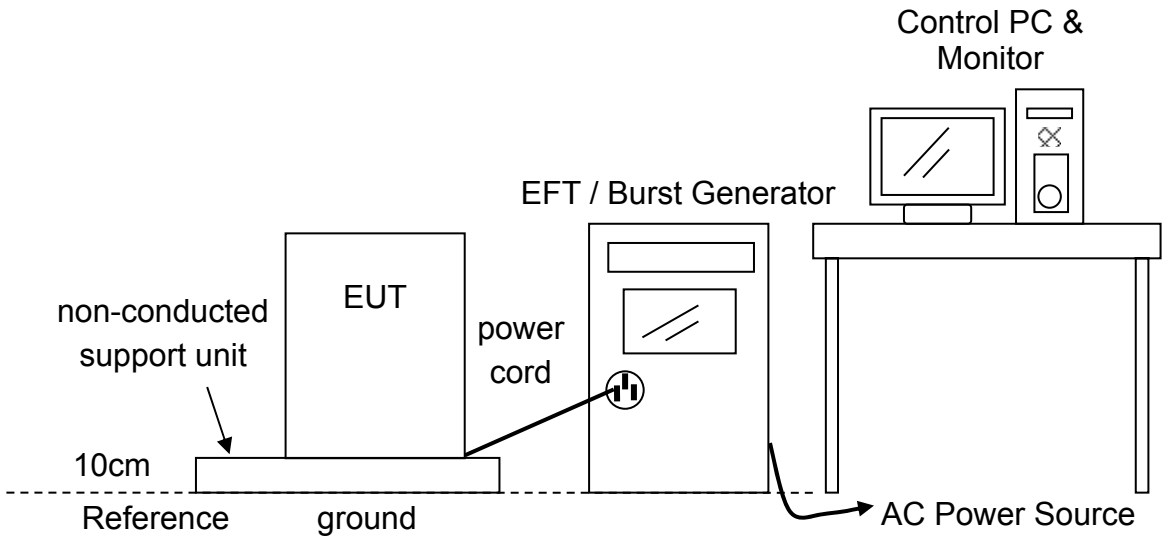
h. Connect the EUT's power source to the appropriate power through the coupling devices and perform the specified test level.

i. If any, connect all the I/O signal, data and control lines between EUT and accessories/support units through the coupling devices and perform the specified test level.

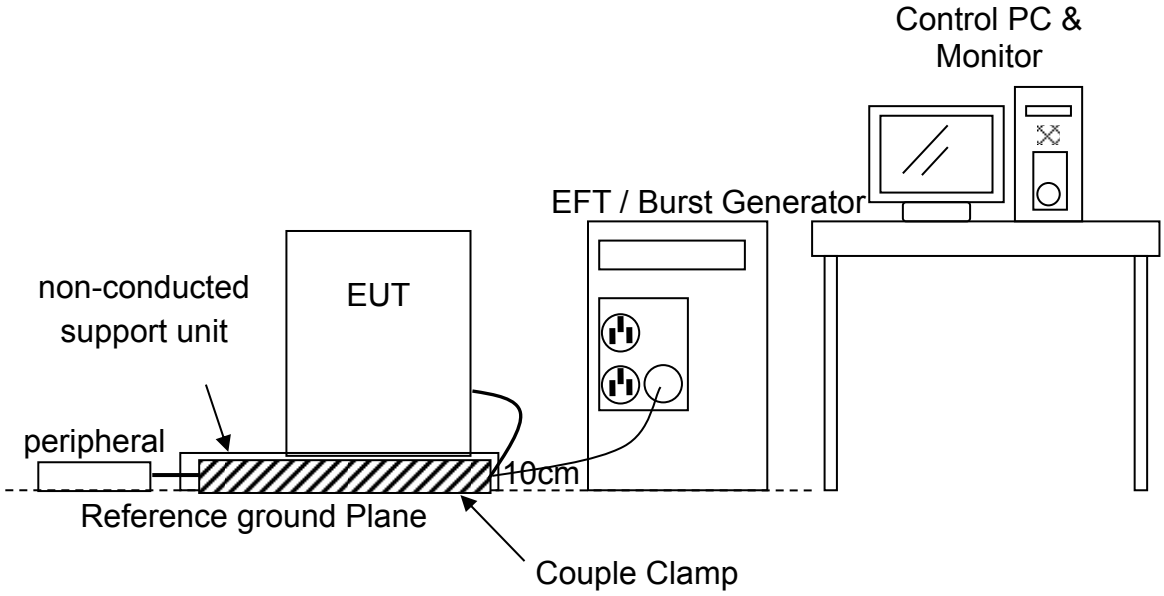
j. Record the performance of the EUT.

8.4 Test Configurations

Power supply port Test



I/O signal, data and control port Test (if any)



8.5 Photographs of the Test Configurations

Please refer to the Attachment 1 of the present report.

8.6 Test Results

Test Mode : Mode 5 (Model No.: DRP-3200-48 Slot A, Full Load)

Test Standard : EN 55024

Injected Line	Voltage Peak (kV)	Injected Method	Performance		Result (Pass/Fail)
			Required	Observation	
L1	±1.0	Direct	B	A(1)	**Pass**
L2	±1.0	Direct	B	A(1)	**Pass**
PE	±1.0	Direct	B	A(1)	**Pass**
L1 - L2 - PE	±1.0	Direct	B	A(1)	**Pass**

Observation of Performance during Test

(1) Normal operation condition specified by manufacturer during the test.

Test Standard : EN 61000-6-2

Injected Line	Voltage Peak (kV)	Injected Method	Performance		Result (Pass/Fail)
			Required	Observation	
L1	±2.0	Direct	B	A(1)	**Pass**
L2	±2.0	Direct	B	A(1)	**Pass**
PE	±2.0	Direct	B	A(1)	**Pass**
L1 - L2 - PE	±2.0	Direct	B	A(1)	**Pass**

Observation of Performance during Test

(1) Normal operation condition specified by manufacturer during the test.

9. Surge Immunity Test

Test Result : PASS

9.1 Specifications of Immunity Test Requirement

Product (Generic) Standard	**:**	EN 55024 EN 61000-6-2 as §1.3 described and requirement of manufacturer
Basic Standard	**:**	EN 61000-4-5
Required Performance	**:**	B
Test Level	**:**	☑ 4 (line to line on power supply port) ☑ 4 (line to earth (ground) on power supply port) ☐ 2 (on I/O signal, data and control port)
Open-circuit Test Voltage	**:**	☑ ±0.5 kV, ±1kV, ±2kV (line to line on power supply port) ☑±0.5kV, ±1kV, ±2kV, ±4kV (line to earth (ground) on power supply port) ☐ ±0.5kV, ±1kV (on I/O signal, data and control port)
CW Waveform (T_r/T_h)	**:**	1.2 / 50μs (open-circuit voltage) 8 / 20μs (short-circuit current)
Phase Angle	**:**	0^o, 90^o, 180^o, 270^o
Repetition Rate	**:**	1/min. maximum
Number of Test	**:**	at least 5 positive and 5 negative at selected points
Test Voltage	**:**	230V/50Hz
Tester	**:**	Eddie
Ambient Temperature	**:**	23°C
Relative Humidity	**:**	58%
Atmospheric Pressure	**:**	1021mbar

9.2 Test Instruments

Test Site and Equipment	Manufacturer	Model No./ Serial No.	Last Calibration Date	Calibration Due Date
Surge Simulator	NoiseKen	LSS-F02A3A/ LSS1232638	Dec. 5, 2017	Dec. 5, 2018
Test Software	NoiseKen	Remote control software for LSS-F02/ V 1.1.1.0	NCR	NCR
TR14 Plane Grounding Site	CRC	TR14	NCR	NCR

Note:

1. The calibrations are traceable to NML/ROC.
2. NCR : No Calibration Required.

9.3 Test Procedures

a. The EUT was set up per the test configuration figured in the next section of this chapter to simulate the typical usage per the user's manual.

b. If the EUT is tabletop equipment, it was placed on a wooden table with a height of 0.8 meters in the shielded room.

c. If the EUT is floor-standing equipment, it was placed on a non-conducted support with a height of 0.1 meters above the ground reference plane in the shielded room.

d. For the surge test applied to EUT's power supply and unshielded unsymmetrical interconnection lines, if required, the capacitive coupling network are used.

e. If any, the surge test applied to the unshielded symmetrically interconnection lines of EUT, the gas arrestors coupling network are used.

f. Keep the interconnection line, if required, or power cord between the EUT or its power source and the coupling / decoupling network to be 2m in length (or shorter).

g. The surges have to be applied synchronized to the voltage phase at the zero-crossing and the peak value of the a.c. voltage wave (positive and negative).

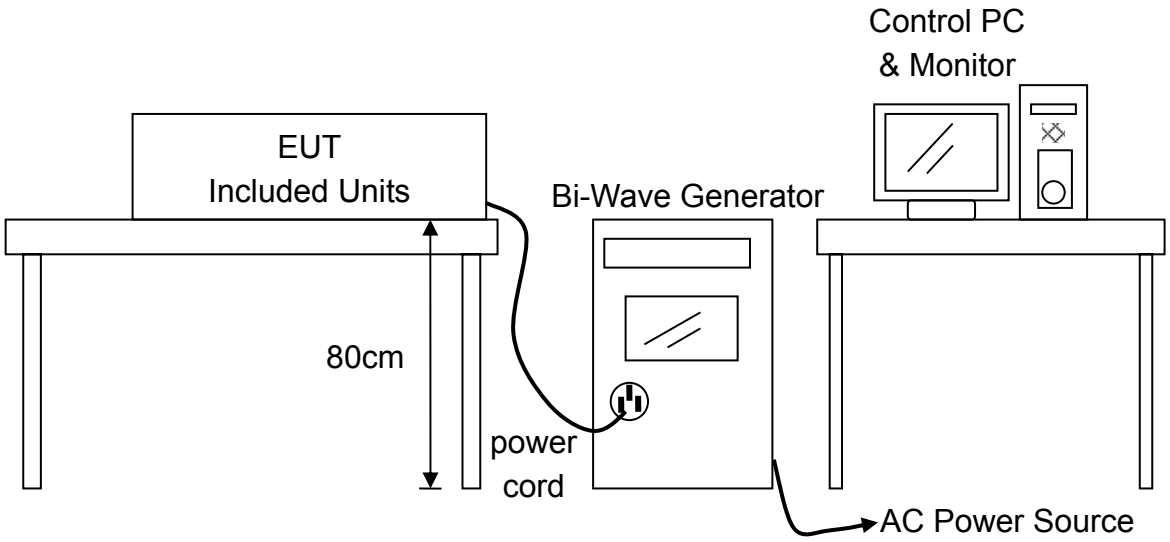
h. All lower levels including the selected test level shall be satisfied and the test voltage has to be increased by steps up to the specified test level.

i. Connect the EUT's power source to the appropriate power through the coupling devices and perform the specified test level.

j. If any, connect all the interconnection lines between EUT and accessories/support units through the coupling devices and perform the specified test level.

k. Record the performance of the EUT.

9.4 Test Configurations



9.5 Photographs of the Test Configurations

Please refer to the Attachment 1 of the present report.

9.6 Test Results

Test Mode : Mode 5 (Model No.: DRP-3200-48 Slot A, Full Load)

Test Standard : EN 55024

Coupled Line (AC input)	Open-circuit Test Voltage (kV)	Performance					Result (Pass/Fail)
		Required	Observation				
			0°	90°	180°	270°	
L1 - PE	±0.5	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L2 - PE	±0.5	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L1 – L2	±0.5	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L1 - PE	±1	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L2 - PE	±1	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L1 – L2	±1	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L1 - PE	±2	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L2 - PE	±2	B	A(1)	A(1)	A(1)	A(1)	**Pass**

Observation of Performance during Test

(1) Normal operation condition specified by manufacturer during the test.

Test Standard : EN 61000-6-2

Coupled Line (AC input)	Open-circuit Test Voltage (kV)	Performance					Result (Pass/Fail)
		Required	Observation				
			0°	90°	180°	270°	
L1 - PE	±0.5	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L2 - PE	±0.5	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L1 – L2	±0.5	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L1 - PE	±1	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L2 - PE	±1	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L1 – L2	±1	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L1 - PE	±2	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L2 - PE	±2	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L1 – L2	±2	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L1 - PE	±4	B	A(1)	A(1)	A(1)	A(1)	**Pass**
L2 - PE	±4	B	A(1)	A(1)	A(1)	A(1)	**Pass**

Observation of Performance during Test

(1) Normal operation condition specified by manufacturer during the test.

10. Conducted disturbances (CS) Immunity Test

Test Result : PASS

10.1 Specifications of Immunity Test Requirement

Product (Generic) Standard	**:**	EN 55024
		as §1.3 described
Basic Standard	**:**	EN 61000-4-6
Required Performance	**:**	A
Test Level	**:**	2
Voltage Level(e.m.f.)	**:**	3V (e.m.f)
Test Frequency Range	**:**	150kHz ~ 80MHz
Frequency Step	**:**	1% of the momentary frequency
Dwell Time	**:**	Minimum 3 sec. per frequency
Modulation	**:**	1kHz Sine Wave with 80% Amplitude Modulation
Coupling Devices	**:**	☑ CDN-M3 (on power supply port)
	:	☐ CDN-T2 (on RJ-11 port)
		☐ CDN-T4 (on LAN port)
		☐ CDN-T8 (on LAN port)
		☐ EM Clamp (on I/O signal, data and control port)
Test Voltage	**:**	230V/50Hz
Tester	**:**	Eddie
Ambient Temperature	**:**	23°C
Relative Humidity	**:**	58%
Atmospheric Pressure	**:**	1021mbar

Product (Generic) Standard	**:**	EN 61000-6-2
		as §1.3 described
Basic Standard	**:**	EN 61000-4-6
Required Performance	**:**	A
Test Level	**:**	3
Voltage Level (e.m.f.)	**:**	10V (e.m.f)
Test Frequency Range	**:**	150kHz ~ 80MHz
Frequency Step	**:**	1% of the momentary frequency
Dwell Time	**:**	Minimum 3 sec. per frequency
Modulation	**:**	1kHz Sine Wave with 80% Amplitude Modulation
Coupling Devices	**:**	☑ CDN-M3 (on power supply port)
	:	☐ CDN-T2 (on RJ-11 port)
		☐ CDN-T4 (on LAN port)
		☐ CDN-T8 (on LAN port)
		☐ EM Clamp (on I/O signal, data and control port)
Test Voltage	**:**	230V/50Hz
Tester	**:**	Eddie
Ambient Temperature	**:**	23°C
Relative Humidity	**:**	58%
Atmospheric Pressure	**:**	1021mbar

10.2 Test Instruments

Test Site and Equipment	Manufacturer	Model No./ Serial No.	Last Calibration Date	Calibration Due Date
Signal Generator	R&S	SML03/ 101676	July 24, 2017	July 24, 2018
Dual Directional Coupler	AR	DC2600/ 28834	Jan. 18, 2017	Jan. 18, 2018
Power Amplifier	AR	75A250/ 28845	NCR	NCR
CDN	FCC	☐ FCC-801-M2-16A/ 2032	Jan. 18, 2017	Jan. 18, 2018
		☑ FCC-801-M3-75A/ 140465	June 23, 2017	June 23, 2018
		☐ FCC-801-M5-16A/ 2020	Nov. 10, 2017	Nov. 10, 2018
	FCC	☐ FCC-801-T2/ 2032	Oct. 5, 2017	Oct. 5, 2018
		☐ FCC-801-T4-RJ45/ 08031	Oct. 5, 2017	Oct. 5, 2018
		☐ NCDN-T8-RJ45/ 06016	Oct. 5, 2017	Oct. 5, 2018
ATTENUATOR	BIRD	300-A-MFN-06/ 37	Oct. 23, 2017	Oct. 23, 2018
EM CLAMP	TESEQ	KEMZ 801A / 38676	Oct. 5, 2017	Oct. 5, 2018
Dual Channel Power Meter	R&S	NRVD/ 100499	Jan. 18, 2017	Jan. 18, 2018
Power Sensor	R&S	URV5-Z2/ 835640/013	Jan. 18, 2017	Jan. 18, 2018
	R&S	URV5-Z2/ 100731	Jan. 18, 2017	Jan. 18, 2018
Test Software	Audix	i2/ V5.160802a	NCR	NCR
TR4 shielded room	ETS LINDGREN	TR4/ 15353-E	NCR	NCR

Note:

1. The calibrations are traceable to NML/ROC.
2. NCR : No Calibration Required.

10.3 Test Procedures

a. The EUT was set up per the test configuration figured in the next section of this chapter to simulate the typical usage per the user's manual.

b. If the EUT is tabletop equipment, it was placed on a non-conducted support with a height 0.1 meters above the ground reference plane. Also the ground reference plane is placed on a wooden table with a height of 0.8 meters in the shielded room.

c. If the EUT is floor-standing equipment, it was placed on a non-conducted support with a height of 0.1 meters above the ground reference plane in the shielded room.

d. Decide the injection methods and test points according to the relative standard.

e. All relevant cables shall be provide with the appropriate coupling and decoupling devices at a distance between 0.1m and 0.3m from the projected geometry of the EUT on the ground reference plane.

f. All cables connected to each Auxiliary Equipment (AE), other than those being connected to the EUT, shall not be bundled nor wrapped and shall be kept between 30mm and 50mm above the ground reference plane.

g. The test shall be performed with the test generator connected to each of the coupling and decoupling devices in turn while the other non-excited RF input ports of the coupling devices are terminated by a 50Ω load resistor.

h. Perform the test with the specified immunity level in the test frequency range and with the specified modulation type.

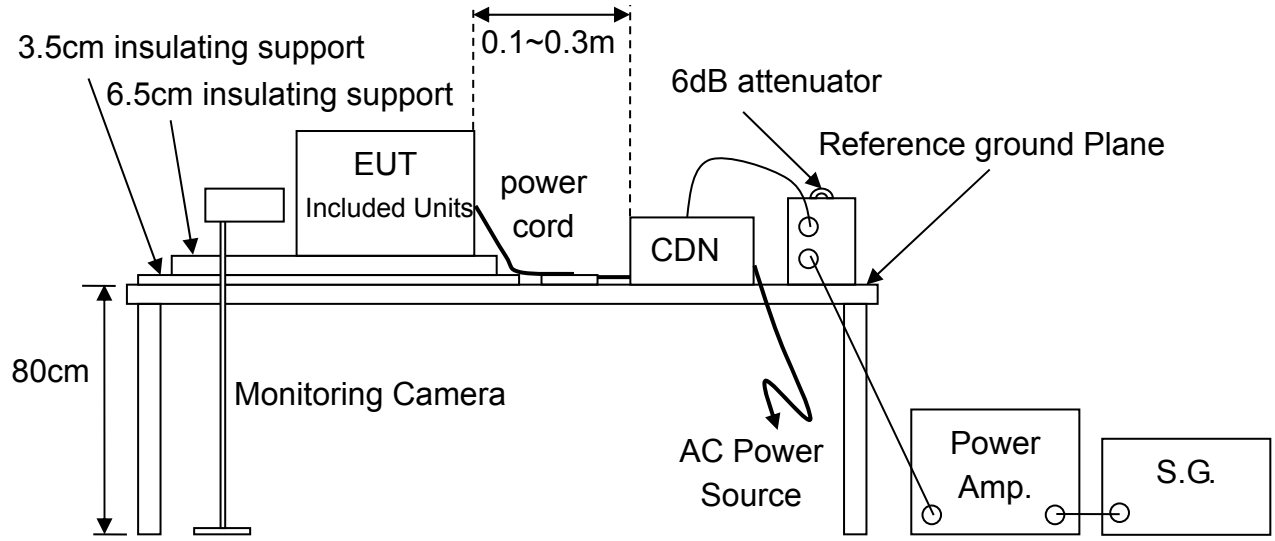
i. The dwell time at each frequency shall be not less than the time necessary for the EUT to be exercised and be able to respond.

j. The sensitive frequencies of EUT and harmonics or frequencies of dominant interest shall be analyzed separately, if any.

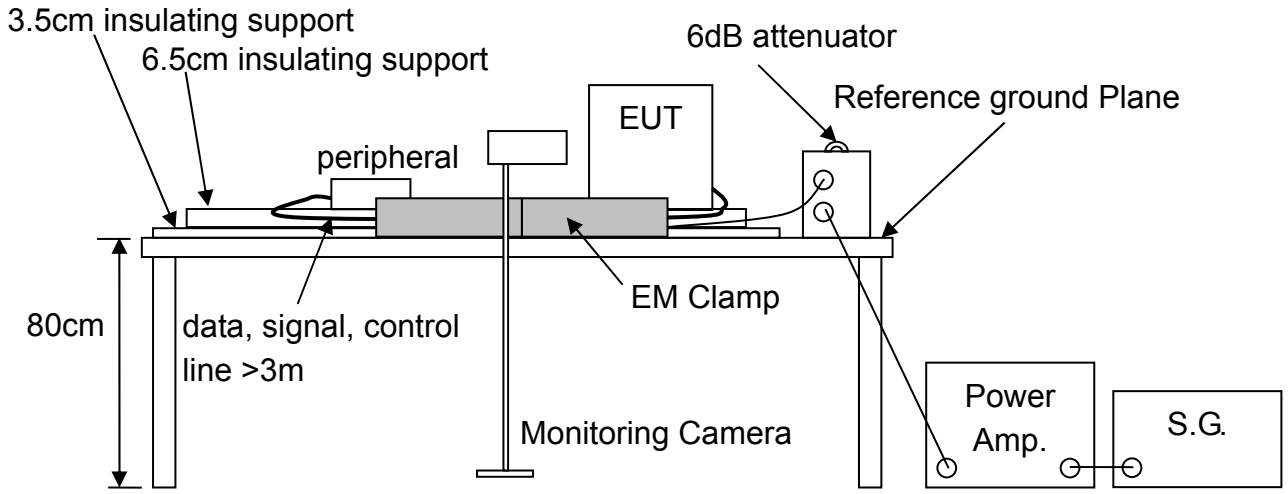
k. Record the performance of the EUT.

10.4 Test Configurations

Power supply and LAN port Test



I/O signal, data and control port Test (if any)



10.5 Photographs of the Test Configurations

Please refer to the Attachment 1 of the present report.

10.6 Test Results

Test Mode : Mode 5 (Model No.: DRP-3200-48 Slot A, Full Load)

Test Standard : EN 55024

Injected Line	Coupling Devices	Performance		Result (Pass/Fail)
		Required	Observation	
Power Lines	CDN-M3	A	A(1)	**Pass**

Observation of Performance during Test

(1) Normal operation condition specified by manufacturer during the test.

Test Standard : EN 61000-6-2

Injected Line	Coupling Devices	Performance		Result (Pass/Fail)
		Required	Observation	
Power Lines	CDN-M3	A	A(1)	**Pass**

Observation of Performance during Test

(1) Normal operation condition specified by manufacturer during the test.

11. Power frequency magnetic field (PFM) Immunity Test

Test Result : PASS

11.1 Specifications of Immunity Test Requirement

Product (Generic) Standard	**:**	EN 55024 as §1.3 described
Basic Standard	**:**	EN 61000-4-8
Required Performance	**:**	A
Test Level	**:**	1
Magnetic Field Strength	**:**	1 A/m
Power Frequency	**:**	50Hz
Test Duration	**:**	1 min.
Magnetic Field Orientation	**:**	X, Y, Z-axis
Test Voltage	**:**	230V/50Hz
Tester	**:**	Wilson
Environment Magnetic Field	**:**	0.04 A/m (< 0.1 A/m (20dB below the test field))
Ambient Temperature	**:**	22°C
Relative Humidity	**:**	60%
Atmospheric Pressure	**:**	1025mbar

Product (Generic) Standard	**:**	EN 61000-6-2 as §1.3 described
Basic Standard	**:**	EN 61000-4-8
Required Performance	**:**	A
Test Level	**:**	4
Magnetic Field Strength	**:**	30 A/m
Power Frequency	**:**	50Hz
Test Duration	**:**	1 min.
Magnetic Field Orientation	**:**	X, Y, Z-axis
Test Voltage	**:**	230V/50Hz
Tester	**:**	Wilson
Environment Magnetic Field	**:**	0.04 A/m (< 3 A/m (20dB below the test field))
Ambient Temperature	**:**	22°C
Relative Humidity	**:**	60%
Atmospheric Pressure	**:**	1025mbar

11.2 Test Instruments

Test Site and Equipment	Manufacturer	Model No./ Serial No.	Last Calibration Date	Calibration Due Date
Current Source	FCC	F-1000-4-8-G-125A / 1008	June 29, 2017	June 29, 2018
Coil	FCC	F-1000-4-8-L-1M / 1007	June 29, 2017	June 29, 2018
Low Frequency Gauss Meter	F.W. BELL	4190 / 1010002	April 19, 2017	April 19, 2018
TR12 Plane Grounding Site	CRC	TR12	NCR	NCR

Note:

1. The calibrations are traceable to NML/ROC.
2. NCR : No Calibration Required.

11.3 Test Procedures

a. The EUT was set up per the test configuration figured in the next section of this chapter to simulate the typical usage per the user's manual.

b. If the EUT is tabletop equipment, it was placed on a wooden table with a height 0.8 meters.

c. If the EUT is floor-standing equipment, it was placed on a non-conducted support with a height of 0.1 meters above the ground reference plane (minimum size is 1m×1m) in the shielded room.

d. For the tabletop equipment, the induction coil with a square form in 1m side (or diameter) is used and shall enclose the EUT placed at its center. For the floor-standing equipment, the induction coil shall be able to envelop the EUT and made of conductors of relatively small cross-section.

e. The dimensions of induction coil shall be able to keep the magnetic fields over the whole volume of the EUT with an acceptable variation of ±3dB.

f. The test generator shall be placed at less than 3m distance from the induction coil.

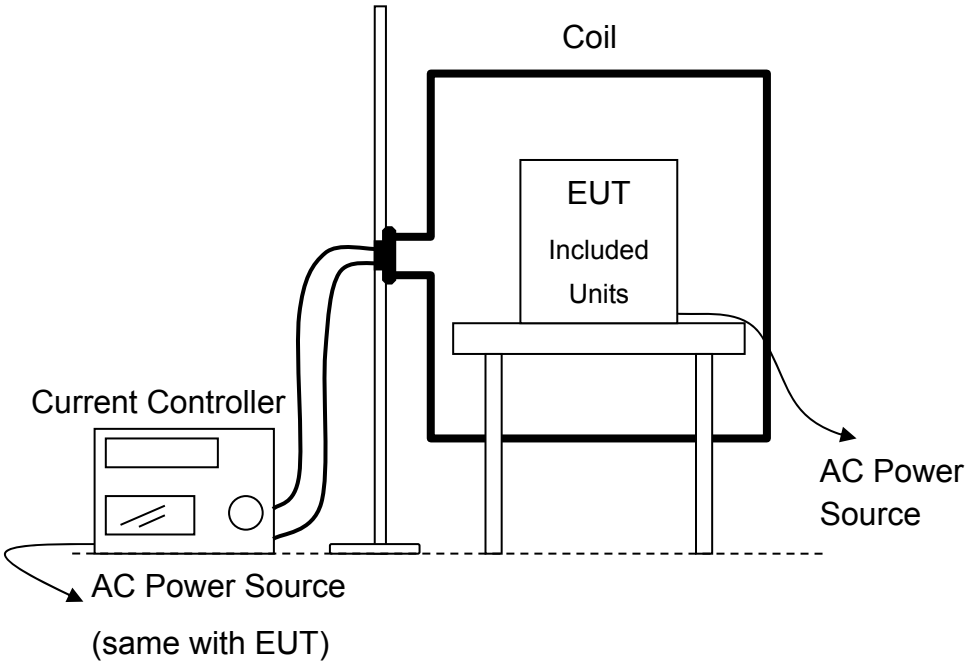
g. Keep all cables of EUT to be exposed to the magnetic field for 1m of their length.

h. Before the test, maintain the electromagnetic field value of the test environment to be at least 20dB lower than the selected test level. Then tune up the currents of the test generator and use the Guass Meter to calibrate the specified test level at the center of the induction coil.

i. Perform the test with the specified magnetic field by rotating the induction coil to three different orientations to generate X, Y and Z directed magnetic field sequentially.

j. Record the performance of the EUT.

11.4 Test Configurations



11.5 Photographs of the Test Configurations

Please refer to the Attachment 1 of the present report.

11.6 Test Results

Test Mode : Mode 5 (Model No.: DRP-3200-48 Slot A, Full Load)

Test Standard : EN 55024

Magnetic Field Orientation	Magnetic Field (A/m)	Frequency (Hz)	Performance		Result (Pass/Fail)
			Required	Observation	
X-axis	1	50	A	A(1)	**Pass**
Y-axis	1	50	A	A(1)	**Pass**
Z-axis	1	50	A	A(1)	**Pass**

Observation of Performance during Test

(1) Normal operation condition specified by manufacturer during the test.

Test Standard : EN 61000-6-2

Magnetic Field Orientation	Magnetic Field (A/m)	Frequency (Hz)	Performance		Result (Pass/Fail)
			Required	Observation	
X-axis	30	50	A	A(1)	**Pass**
Y-axis	30	50	A	A(1)	**Pass**
Z-axis	30	50	A	A(1)	**Pass**

Observation of Performance during Test

(1) Normal operation condition specified by manufacturer during the test.

12. Voltage dips, short interruptions Immunity Test

Test Result : PASS

12.1 Specifications of Immunity Test Requirement

Product (Generic) Standard	**:**	EN 55024 as §1.3 described
Basic Standard	**:**	EN 61000-4-11
Required Performance and Test Level	**:**	☑ B for 0% residual voltage dips with 0.5 cycle ☑ C for 70% residual voltage dips with 25 cycles ☐ C for 40% residual voltage dips ☑ C for 0% residual voltage interruptions with 250 cycles
Basis Test Voltage Level (U_T)	**:**	230V/50Hz
Test Duration	**:**	Maximum 3 dips/interruptions with a sequence
Time interval	**:**	10s minimum between each test event
Phase Angle of Abrupt Changes	**:**	0º
Tester	**:**	Eddie
Ambient Temperature	**:**	23°C
Relative Humidity	**:**	51%
Atmospheric Pressure	**:**	1012mbar

Product (Generic) Standard	:	EN 61000-6-2 as §1.3 described
Basic Standard	:	EN 61000-4-11
Required Performance and Test Level	:	☑ B for 0% residual voltage dips with 1 cycle ☑ C for 40% residual voltage dips with 10 cycles ☑ C for 70% residual voltage dips with 25 cycles ☑ C for 0% residual voltage interruptions with 250 cycles
Basis Test Voltage Level (U_T)	:	230V/50Hz
Test Duration	:	Maximum 3 dips/interruptions with a sequence
Time interval	:	10s minimum between each test event
Phase Angle of Abrupt Changes	:	0º, 180º
Tester	:	Eddie
Ambient Temperature	:	23°C
Relative Humidity	:	51%
Atmospheric Pressure	:	1012mbar

12.2 Test Instruments

Test Site and Equipment	Manufacturer	Model No./ Serial No.	Last Calibration Date	Calibration Due Date
Power Fail Simulator	EM Test	PFS503N63.1/ V1233113366	March 16, 2017	March 16, 2018
Test Software	EM Test	IEC.Control/ V5.2.10	NCR	NCR
TR14 Plane Grounding Site	CRC	TR14	NCR	NCR

Note:

1. The calibrations are traceable to NML/ROC.
2. NCR : No Calibration Required.

12.3 Test Procedures

a. The EUT was set up per the test configuration figured in the next section of this chapter to simulate the typical usage per the user's manual.

b. If the EUT is tabletop equipment, it was placed on a wooden table with a height 0.8 meters above the ground reference plane in the shielded room.

c. If the EUT is floor-standing equipment, it was placed on a non-conducted support with a height of 0.1 meters above the ground reference plane in the shielded room.

d. The test shall be performed with the EUT connected to the test Generator with the shortest power supply cable as specified by the manufacturer.

e. If any, tests on the three-phase EUT are accomplished by using three sets of equipment mutually synchronized.

f. During the tests, the main voltage for testing is monitored within an accuracy of 2% and the zero crossing control of the generators must have an accuracy of $\pm 10^{o}$.

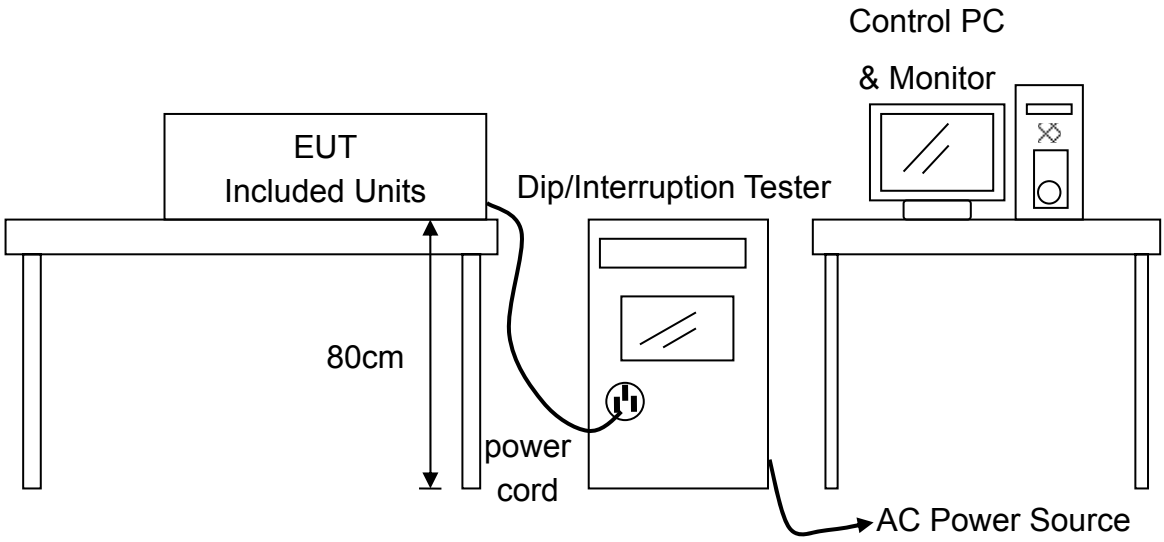
g. The EUT shall be tested for each selected combination of test level and duration with a sequence of three dips/interruptions with intervals of 10 sec. minimum (between each test event). Each representative mode of operation shall be test.

h. Abrupt changes in supply voltage shall occur at zero crossings of the voltage and additional angles preferably selected from 0^{o}, 45^{o}, 90^{o}, 135^{o}, 180^{o}, 225^{o}, 270^{o}, 315^{o} on each phase.

i. Connect the EUT's power source to the appropriate power through the test generator and perform the specified test level.

j. Record the performance of the EUT.

12.4 Test Configurations



12.5 Photographs of the Test Configurations

Please refer to the Attachment 1 of the present report.

12.6 Test Results

Test Mode : Mode 5 (Model No.: DRP-3200-48 Slot A, Full Load)

Test Standard : EN 55024

Voltage Dips Test

Test level (% residual voltage)	Reduction Voltage (%)	Duration (cycle)	Performance		Result (Pass/Fail)
			Required	Observation	
0	>95	0.5	B	B(2)	**Pass**
70	30	25	C	A(1)	**Pass**

Voltage Interruption Test

Test level (% residual voltage)	Reduction Voltage (%)	Duration (cycle)	Performance		Result (Pass/Fail)
			Required	Observation	
0	>95	250	C	B(2)	**Pass**

Observation of Performance during Test

(1) Normal operation condition specified by manufacturer during the test.

(2) The EUT would shut down while test is performed, it could self-recover after the test.

Test Standard : EN 61000-6-2

Voltage Dips Test

Test level (% residual voltage)	Reduction Voltage (%)	Duration (cycle)	Performance		Result (Pass/Fail)
			Required	Observation	
0	>95	1	B	B(2)	**Pass**
40	60	10	C	A(1)	**Pass**
70	30	25	C	B(2)	**Pass**

Voltage Interruption Test

Test level (% residual voltage)	Reduction Voltage (%)	Duration (cycle)	Performance		Result (Pass/Fail)
			Required	Observation	
0	>95	250	C	B(2)	**Pass**

Observation of Performance during Test

(1) Normal operation condition specified by manufacturer during the test.

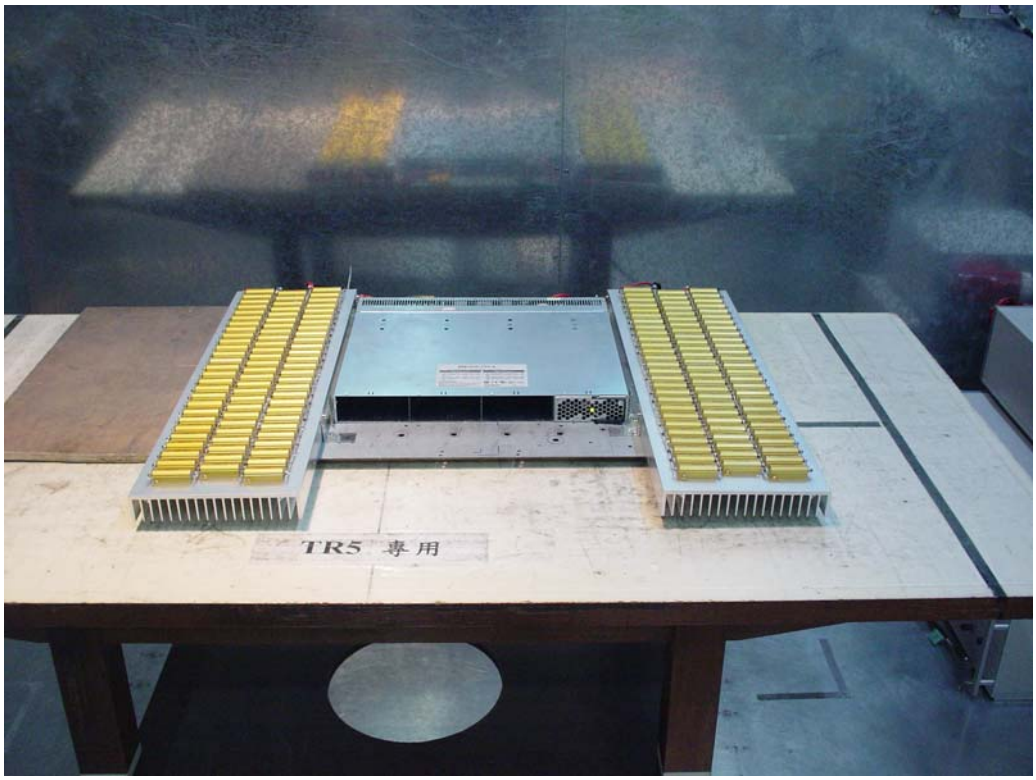
(2) The EUT would shut down while test is performed, it could self-recover after the test.

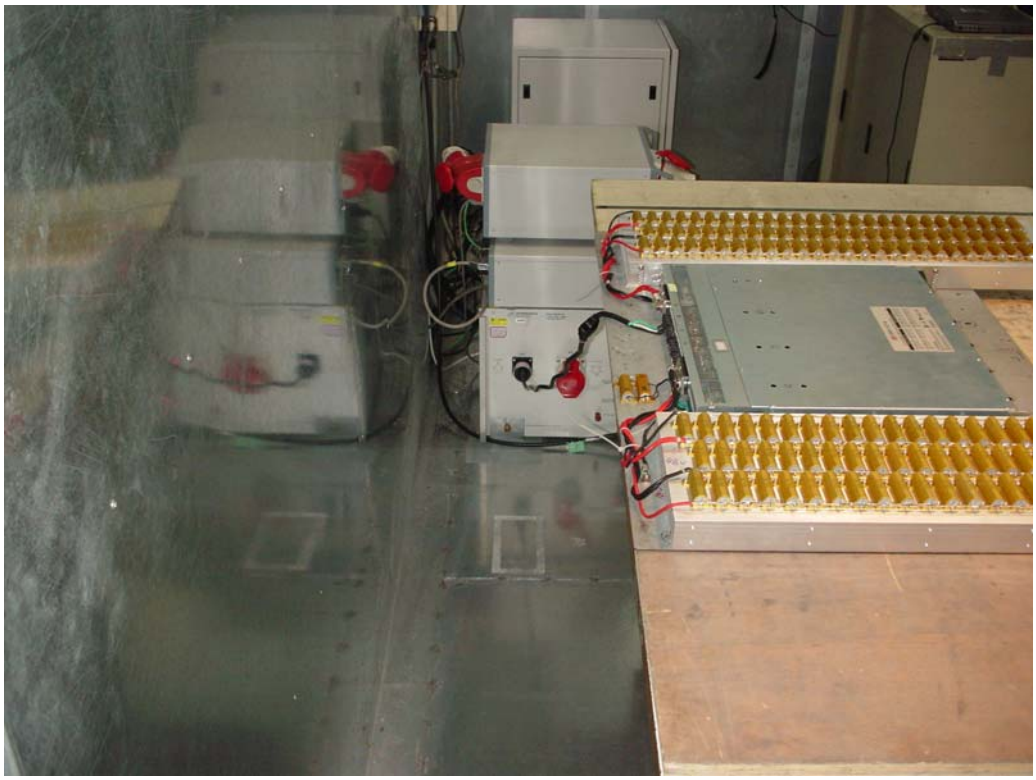
Attachment 1

Photographs of the Test Configurations

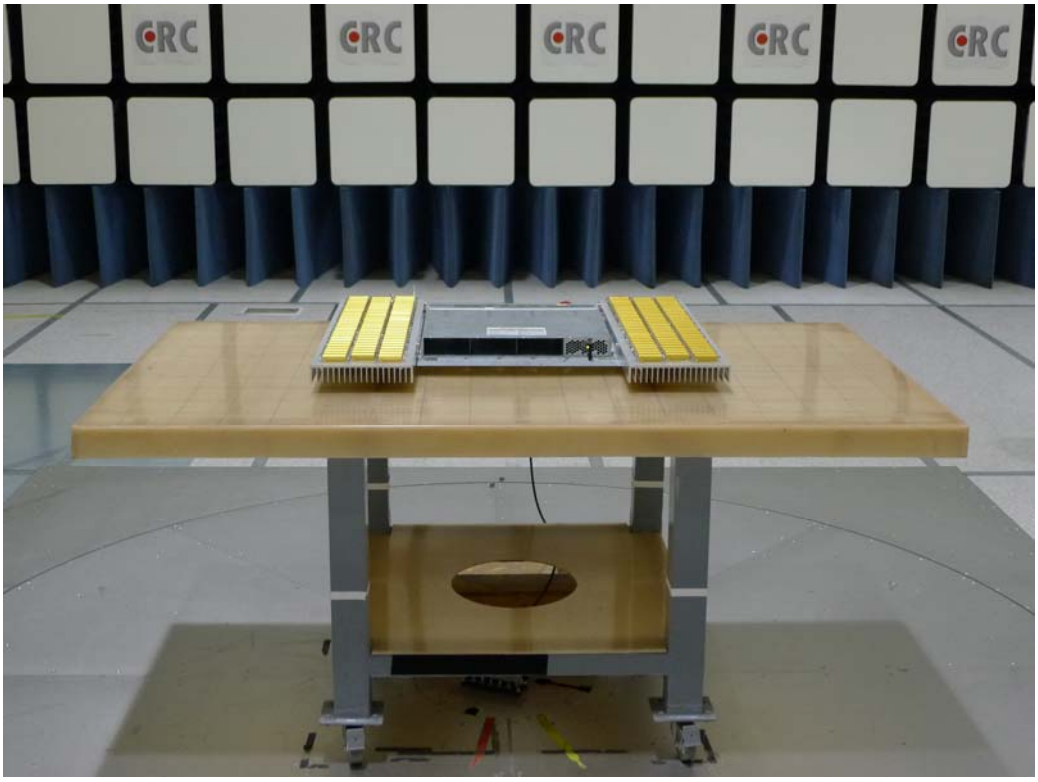
Contents

1. Conducted Emission Measurement





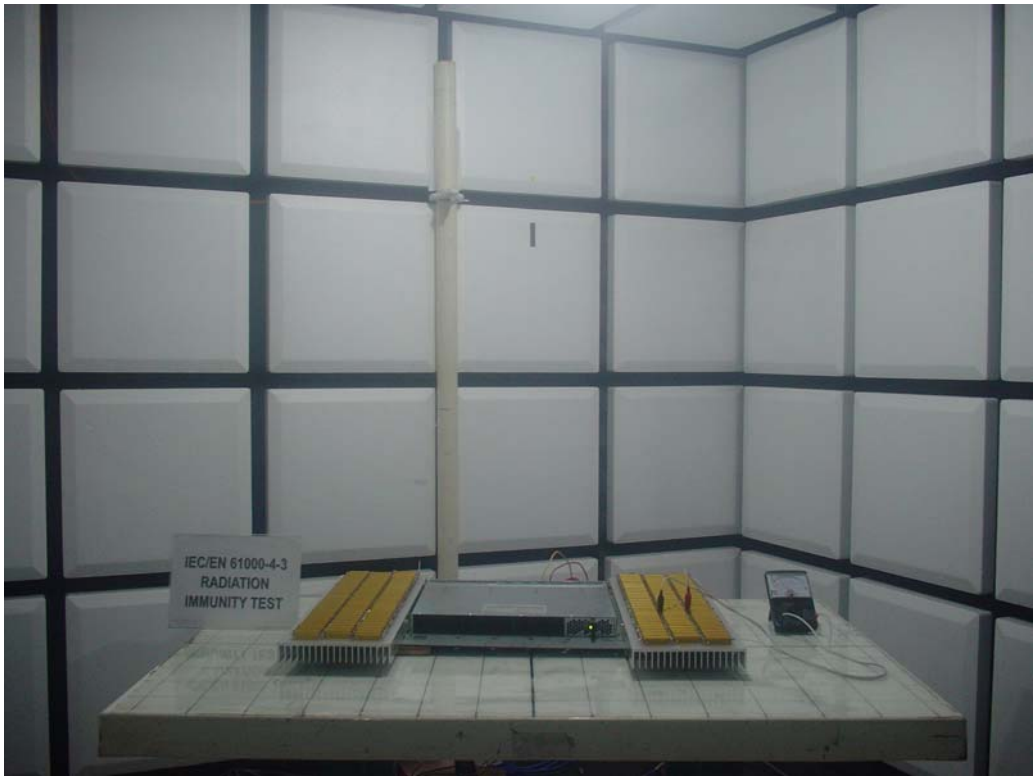
2. Radiated Emission Measurement



3. Harmonic Current & Voltage Fluctuations Emission Measurement

4. Electrostatic Discharge (ESD) Immunity Test

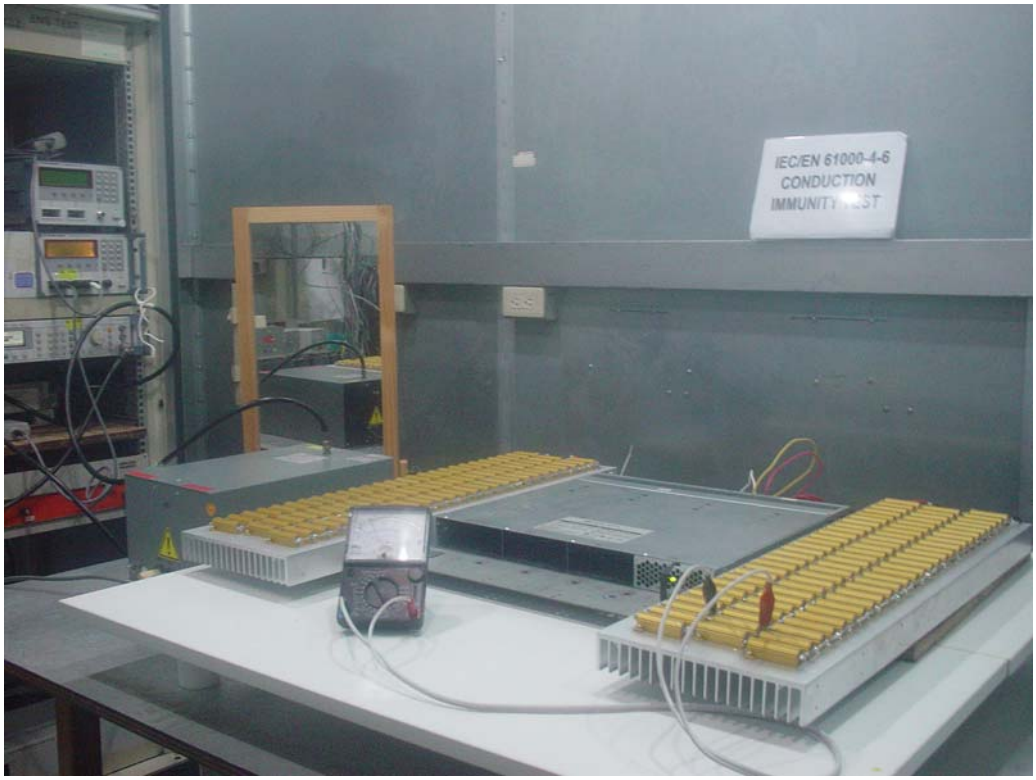
5. Radiated Electromagnetic Field (RS) Immunity Test



6. Electrical fast transient / burst (EFT) Immunity Test

7. Surge Immunity Test

8. Conducted disturbances (CS) Immunity Test



9. Power frequency magnetic field (PFM) Immunity Test

10. Voltage dips, short interruptions Immunity Test

Attachment 2

Photographs of Production

(Supplied by Customer)

Model No.: DRP-3200-24


DRP-3200-24

Model No.: DRP-3200-48


DRP-3200-48