TEST REPORT

Report No.:	8227EU010508W2
Applicant:	Shenzhen Intellirocks Tech. Co., Ltd.
Address:	No. 3301, Block C, Section 1, Chuangzhi Yuncheng Building, Liuxian Avenue,Xili Community, Xili Street, Nanshan District, Shenzhen, China
Product Name:	Govee RGBIC Led Strip Lights
Model No.:	H619E (refer to clause 2.4)
Trademark:	Govee
FCC ID:	2AQA6-H619EA
Test Standard(s):	47 CFR Part 15 Subpart C
Date of Receipt:	Mar. 05, 2024
Test Date:	Mar. 05, 2024 – Dec. 11, 2024
Date of Issue:	Mar. 12, 2025

ISSUED BY:

SHENZHEN EU TESTING LABORATORY LIMITED

SHENZHEN EU TESTING LABORATORY LIMITED APPROVED

Prepared by:	**Reviewed and Approved by:**
Mikey Zhu/ Engineer	Sally Zhang/ Manager

Revision Record

Report Version	Issued Date	Description	Status
V0	Mar. 12, 2025	Original	Valid

Table of Contents

2 General Information

2.1 Applicant Information

Applicant	Shenzhen Intellirocks Tech. Co., Ltd.
Address	No. 3301, Block C, Section 1, Chuangzhi Yuncheng Building, Liuxian Avenue,Xili Community, Xili Street, Nanshan District, Shenzhen, China

2.2 Manufacturer Information

Manufacturer	Shenzhen Intellirocks Tech. Co., Ltd.
Address	No. 3301, Block C, Section 1, Chuangzhi Yuncheng Building, Liuxian Avenue,Xili Community, Xili Street, Nanshan District, Shenzhen, China

2.3 Factory Information

Factory	N/A
Address	N/A

2.4 General Description of E.U.T.

Product Name	Govee RGBIC Led Strip Lights
Model No. Under Test	H619E
List Model No.	H619A, H619B, H619C, H619D, H619Z, H6168, H618A, H618C, H618E, H618F
Description of Model differentiation	All samples are the same, only the input current, adapter, lengths of light and appearance color are different. The model differentiations will not affect RF parameters, so we prepare all models for Conducted Emission, Radiated Emission tests with their own adapters. And prepare “H619E” for RF test only.
Rating(s)	Refer to the following detailed table.
Product Type	☒ Mobile ☐ Portable ☐ Fix Location
Test Sample No.	8227EU010508W-1/12(Normal Sample, H619E), 8227EU010508W-2/12(Normal Sample, H619A), 8227EU010508W-3/12(Normal Sample, H619B), 8227EU010508W-4/12(Normal Sample, H619C) 8227EU010508W-5/12(Normal Sample, H619D) 8227EU010508W-6/12(Normal Sample, H619Z) 8227EU010508W-7/12(Normal Sample, H6168) 8227EU010508W-8/12(Normal Sample, H618A) 8227EU010508W-9/12(Normal Sample, H618C) 8227EU010508W-10/12(Normal Sample, H618E) 8227EU010508W-11/12(Normal Sample, H618F) 8227EU010508W-12/12(Engineering Sample)
Hardware Version	V1.0
Software Version	6.5.1

Remark	1) The above information are declared by the applicant, EU-LAB is not responsible for the information accuracy provided by the applicant. 2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

Detailed table:

Model No.	Length of Light	Rating	Adapter Information
H619E	2*10m	24V⎓ 3.0A	Model No.: BI72G-240300-E2 Input: 100-240V~, 50/60Hz 1.8A Output: 24.0V⎓ 3.0A Manufacturer: Dong Guan Royal Intelligent Co., Ltd.
H619A	5m	24V⎓ 1.0A	Model No.: BI24GL-240100-AdU Input: 100-240V~, 50/60Hz 0.8A Output: 24.0V⎓ 1.0A Manufacturer: Dong Guan Royal Intelligent Co., Ltd.
H619B	7.5m	24V⎓ 1.0A	Model No.: BI24GL-240100-AdU Input: 100-240V~, 50/60Hz 0.8A Output: 24.0V⎓ 1.0A Manufacturer: Dong Guan Royal Intelligent Co., Ltd.
H619C	7.5m	24V⎓ 1.5A	Model No.: BI36GL-240150-AdU Input: 100-240V~, 50/60Hz 1.0A Output: 24.0V⎓ 1.5A Manufacturer: Dong Guan Royal Intelligent Co., Ltd.
H619D	2*7.5m	24V⎓ 2.0A	Model No.: BI48G-240200-AdU Input: 100-240V~, 50/60Hz 1.4A Output: 24.0V⎓ 2.0A Manufacturer: Dong Guan Royal Intelligent Co., Ltd.
H619Z	4m	24V⎓ 0.5A	Model No.: BI12G-240050-BdU Input: 100-240V~, 50/60Hz 0.5A Output: 24.0V⎓ 0.5A Manufacturer: Dong Guan Royal Intelligent Co., Ltd.
H6168	2*1.9m	12V⎓ 1.5A	Model No.: BI18GL-120150-AdU Input: 100-240V~, 50/60Hz 0.8A Output: 12.0V⎓ 1.5A Manufacturer: Dong Guan Royal Intelligent Co., Ltd.
H618A	5m	24V⎓ 0.5A	Model No.: BI12G-240050-BdU Input: 100-240V~, 50/60Hz 0.5A Output: 24.0V⎓ 0.5A Manufacturer: Dong Guan Royal Intelligent Co., Ltd.
H618C	10m	24V⎓ 0.75A	Model No.: YXTG18US-2400750 Input: 100-240V~, 50/60Hz 0.8A Max Output: 24.0V⎓ 0.75A 18.0W Manufacturer: SHENZHEN LINKSOONER TECHNOLOGY CO., LTD
H618E	2*10m	24V⎓ 1.5A	Model No.: BI36GL-240150-AdU Input: 100-240V~, 50/60Hz 1.0A Output: 24V⎓ 1.5A Manufacturer: Dong Guan Royal Intelligent Co., Ltd.
H618F	2*15m	24V⎓ 2.0A	Model No.: BI48G-240200-AdU Input: 100-240V~, 50/60Hz 1.4A Output: 24V⎓ 2A Manufacturer: Dong Guan Royal Intelligent Co., Ltd.

2.5 Technical Information of E.U.T.

Network and Wireless Connectivity	Bluetooth (BLE) WiFi 2.4G: 802.11b, 802.11g, 802.11n(HT20)

The requirement for the following technical information of the EUT was tested in this report:

Technology	**WiFi 2.4G**			
Operation Mode	☒ b	☒ g	☒ n(HT20)	☐ n(HT40)
	☐ ac(VHT20)	☐ ac(VHT40)	☐ ax(HEW20)	☐ ax(HEW40)
Operating Frequency	802.11b/g/n(HT20): 2412MHz to 2462MHz			
Number of Channels	802.11b/g/n(HT20): 11 Channels			
Modulation Technology	DSSS, OFDM			
Modulation Type	802.11b: DSSS(CCK, DQPSK, DBPSK) 802.11g: OFDM(BPSK, QPSK, 16QAM, 64QAM) 802.11n(HT20): OFDM (BPSK, QPSK, 16QAM, 64QAM)			
Antenna Type	PCB Antenna			
Antenna Gain(Peak)	4.42 dBi			
Remark	The above information are declared by the applicant, EU-LAB is not responsible for the information accuracy provided by the applicant.			

All channels were listed on the following table:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

Modulation technology	Modulation Type	Transfer Rate (Mbps)(Single RF path)
DSSS (802.11b)	DBPSK	1
	DQPSK	2
	CCK	5.5/11
OFDM (802.11g)	BPSK	6/9
	QPSK	12/18
	16QAM	24/36
	64QAM	48/54
OFDM (802.11n-20 MHz)	BPSK	6.5/7.2
	QPSK	13/19.5/14.4/21.7
	16QAM	26/39/28.9/43.3
	64QAM	52/58.5/65/57.8/65/72.2

Note: Preliminary tests were performed in different data rate in above table to find the worst radiated emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

Test Items	Mode	Data Rate	Channel
Conducted Emission at AC Power Line	11b/11g/11n20	1/6/6.5Mbps	1/6/11
DTS Bandwidth	11b/11g/11n20	1/6/6.5Mbps	1/6/11
Maximum Conducted Output Power	11b/11g/11n20	1/6/6.5Mbps	1/6/11
Power spectral density (PSD)	11b/11g/11n20	1/6/6.5Mbps	1/6/11
Emission in non-restricted frequency bands (Conducted)	11b/11g/11n20	1/6/6.5Mbps	1/6/11
Band Edge Emissions (Restricted frequency bands)	11b/11g/11n20	1/6/6.5Mbps	1/6/11
Radiated Spurious Emission	11b/11g/11n20	1/6/6.5Mbps	1/6/11

Note: The above EUT information in section 2.4 was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

3 Test Summary

3.1 Test Standard

The tests were performed according to following standards:

No.	Identity	Document Title
1	47 CFR Part 15, Subpart C	Intentional radiators of radio frequency equipment
2	ANSI C63.10-2020	American National Standard for Testing Unlicensed Wireless Devices
3	KDB Publication 558074 D01v05r02	Guidance for compliance measurements on digital transmission system, frequency hopping spread spectrum system, and hybrid system devices operating under section 15.247 of the FCC rules

Remark:
Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product maybe which result in lowering the emission/immunity should be checked to ensure compliance has been maintained.

3.2 Test Verdict

No.	Description	FCC Part No.	Verdict	Remark
1	Antenna Requirement	15.203	Pass	--
2	Conducted Emission at AC Power Line	15.207	Pass	--
3	DTS Bandwidth	15.247(a)(2)	Pass	--
4	Maximum Conducted Output Power	15.247(b)(3)	Pass	--
5	Power spectral density (PSD)	15.247(e)	Pass	--
6	Emission in non-restricted frequency bands (Conducted)	15.247(d)	Pass	--
7	Band Edge Emissions (Restricted frequency bands)	15.247(d)	Pass	--
8	Radiated Spurious Emission	15.247(d)	Pass	--

3.3 Test Laboratory

Test Laboratory	Shenzhen EU Testing Laboratory Limited
Address	101, Building B1, Fuqiao Fourth Area, Qiaotou Community, Fuhai Subdistrict, Baoan District, Shenzhen, Guangdong, China
Designation Number	CN1368
Test Firm Registration Number	952583

4 Test Configuration

4.1 Test Environment

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity	30% to 60%	
Atmospheric Pressure	86 kPa to 106 kPa	
Temperature	NT (Normal Temperature)	+15℃ to +35℃
Working Voltage of the EUT	NV (Normal Voltage)	120VAC, 60Hz for adapter

4.2 Test Equipment

Conducted Emission at AC power line					
Equipment	**Manufacturer**	**Model No**	**Serial No**	**Cal. Date**	**Cal. Due Date**
L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	EE-004	2024/01/09	2025/01/08
EMI Test Receiver	Rohde & Schwarz	ESCI	EE-005	2024/01/09	2025/01/08
Test Software	Ferrari Technology	EZ-EMC	EE-014	N.C.R	N.C.R

Radiated Emission and RF Test					
Equipment	**Manufacturer**	**Model No**	**Serial No**	**Cal Date**	**Cal Due Date**
EMI Test Receiver	ROHDE & SCHWARZ	ESPI	EE-006	2024/01/09	2025/01/08
Bilog Broadband Antenna	SCHWARZBECK	VULB 9163	EE-007	2023/01/14	2026/01/13
Double Ridged Horn Antenna	A-INFOMW	LB-10180-NF	EE-008	2023/01/12	2026/01/11
Pre-amplifier	Agilent	8447D	EE-009	2024/01/09	2025/01/08
Pre-amplifier	Agilent	8449B	EE-010	2024/01/09	2025/01/08
MXA Signal Analyzer	Agilent	N9020A	EE-011	2024/01/09	2025/01/08
MXG RF Vector Signal Generator	Agilent	N5182A	EE-012	2024/01/09	2025/01/08
Test Software	Farad	EZ-EMC	EE-015	N.C.R	N.C.R
MIMO Power Measurement Module	TSTPASS	TSPS 2023R	EE-016	2024/01/09	2025/01/08
RF Test Software	TSTPASS	TS32893 V2.0	EE-017	N.C.R	N.C.R
Wideband Radio Communication Tester	ROHDE & SCHWARZ	CMW500	EE-402	2024/02/15	2025/02/14
Loop Antenna	TESEQ	HLA6121	EE-403	2024/02/15	2025/02/14
MXG RF Analog Signal Generator	Agilent	N5181A	EE-406	2024/02/15	2025/02/14
Constant Temperature Humidity Chamber	Guangxin	GXP-401	ES-002	2024/07/30	2025/07/29
Power Sensor	ROHDE&SCHWARZN	NRP18S	ES-052	2024/02/15	2025/02/14

4.3 Description of Support Unit

No.	Title	Manufacturer	Model No.	Serial No.
1	Adapter	refer to clause 2.4	refer to clause 2.4	N/A
2	Led Strip Lights	Same as applicant	H619E	N/A
3	Led Strip Lights	Same as applicant	H619A	N/A
4	Led Strip Lights	Same as applicant	H619B	N/A
5	Led Strip Lights	Same as applicant	H619C	N/A
6	Led Strip Lights	Same as applicant	H619D	N/A
7	Led Strip Lights	Same as applicant	H619Z	N/A
8	Led Strip Lights	Same as applicant	H6168	N/A
9	Led Strip Lights	Same as applicant	H618A	N/A
10	Led Strip Lights	Same as applicant	H618C	N/A
11	Led Strip Lights	Same as applicant	H618E	N/A
12	Led Strip Lights	Same as applicant	H618F	N/A

4.4 Test Mode

No.	Test Modes	Description
TM1	802.11b mode	Keep the EUT in 802.11b transmitting mode.
TM2	802.11g mode	Keep the EUT in 802.11g transmitting mode.
TM3	802.11n(HT20) mode	Keep the EUT in 802.11n(HT20) transmitting mode.

4.5 Description of Calculation

4.5.1. Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS (dBuV/m) = RA (dBuV) + AF (dB/m) + CL (dB) – AG (dB)

Where	FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
	RA = Reading Amplitude	AG = Amplifier Gain
	AF = Antenna Factor	

4.5.2. Disturbance Calculation

The AC mains conducted disturbance is calculated by adding the 10dB Pulse Limiter and Cable Factor and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

CD (dBuV) = RA (dBuV) + PL (dB) + CL (dB)

Where	CD = Conducted Disturbance	CL = Cable Attenuation Factor (Cable Loss)
	RA = Reading Amplitude	PL = 10 dB Pulse Limiter Factor

4.6 Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.
This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Test Item	Measurement Uncertainty
Conducted Emission	2.64 dB
Occupied Channel Bandwidth	2.8 %
RF output power, conducted	0.68 dB
Power Spectral Density, conducted	1.37 dB
Unwanted Emissions, conducted	1.84 dB
Radiated Emission (9kHz- 30MHz)	Ur = 2.50 dB
Radiated Emission (30MHz- 1GHz)	Ur = 2.70 dB (Horizontal)
	Ur = 2.70 dB (Vertical)
Radiated Emission (1GHz- 18GHz)	Ur = 3.50 dB (Horizontal)
	Ur = 3.50 dB (Vertical)
Radiated Emission (18GHz- 40GHz)	Ur = 5.15 dB (Horizontal)
	Ur = 5.24 dB (Vertical)
Temperature	0.8°C
Humidity	4%

4.7 Deviation from Standards

None.

4.8 Abnormalities from Standard Condition

None.

5 Test Items

5.1 Antenna requirement

5.1.1 Test Requirement

Test Requirement	According to FCC §15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, § 15.213, § 15.217, § 15.219, or § 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded. If directional gain of transmitting antennas is greater than 6 dBi, the power shall be reduced by the same level in dB comparing to gain minus 6 dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the FCC rule.

5.1.2 Antenna Anti-Replacement Construction

The Antenna Anti-Replacement as following method:

Protected Method	Description
The antenna is embedded in the product.	An embedded-in antenna design is used.

Reference Documents	Item
Photo	Please refer to the EUT Photo documents.

5.1.3 Antenna Gain

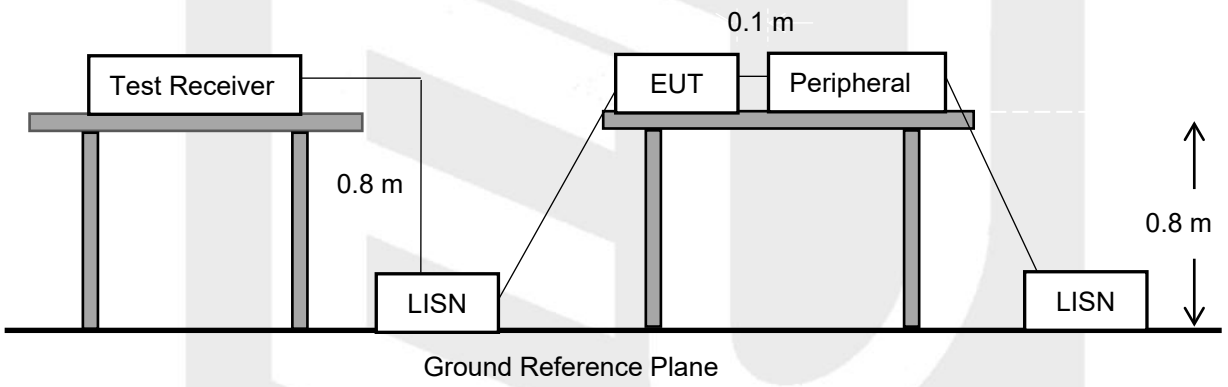
The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

5.2 Conducted Emission at AC Power Line

5.2.1 Test Requirement

Test Requirement	Except as shown in paragraphs (b)and (c)of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μH/50 ohms line impedance stabilization network (LISN).
Test Limit	Frequency of emission (MHz) / Conducted limit (dBμV): Quasi-peak / Average 0.15-0.5: 66 to 56* / 56 to 46* 0.5-5: 56 / 46 5-30: 60 / 50 *Decreases with the logarithm of the frequency.
Test Method	ANSI C63.10-2020 section 6.2

5.2.2 Test Setup Diagram



5.2.3 Test Procedure

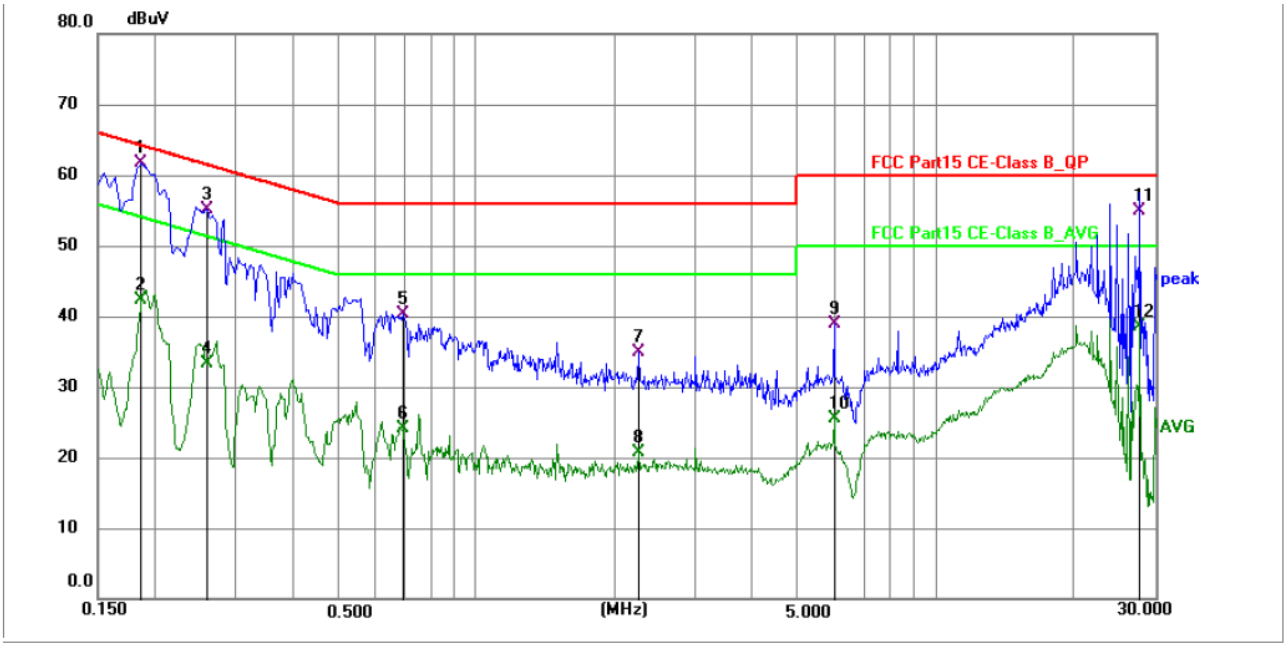
The EUT is put on the plane 0.8 m high above the ground by insulating support and connected to the AC mains through Line Impedance Stability Network (L.I.S.N). This provided a 50ohm coupling impedance for the tested equipment. Both sides of AC line are investigated to find out the maximum conducted emission according to the test standard regulations during conducted emission measurement.
The bandwidth of the field strength meter (R&S Test Receiver ESCI) is set at 9kHz in 150kHz~30MHz.
The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.
Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. A device rated for 50/60 Hz operation need not be tested at both frequencies provided the radiated and line conducted emissions are the same at both frequencies.

5.2.4 Test Data

PASS.
All modes have been tested and PASS. Only the worst case data was showed in the report, please to see the following pages.

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Live Line
Model No.:	H619E

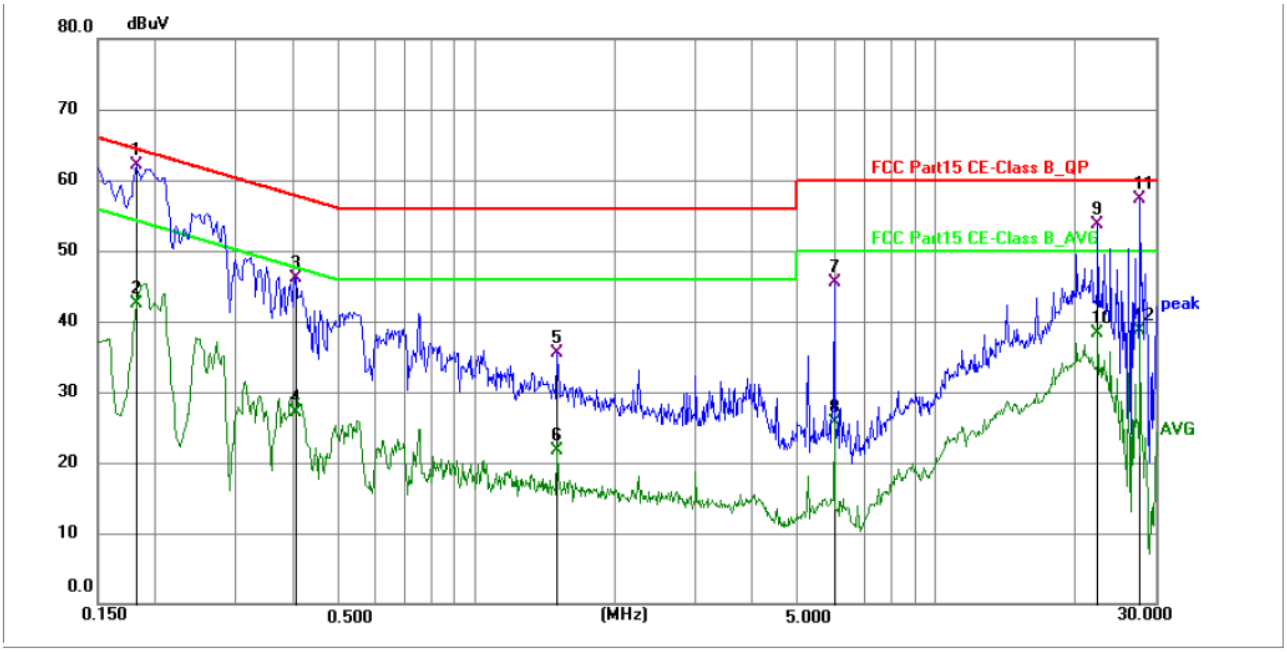


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1 *	0.1860	51.71	9.96	61.67	64.21	-2.54	QP	P	
2	0.1860	32.34	9.96	42.30	54.21	-11.91	AVG	P	
3	0.2580	45.20	9.99	55.19	61.50	-6.31	QP	P	
4	0.2580	23.30	9.99	33.29	51.50	-18.21	AVG	P	
5	0.6900	30.17	10.04	40.21	56.00	-15.79	QP	P	
6	0.6900	14.10	10.04	24.14	46.00	-21.86	AVG	P	
7	2.2515	24.83	10.03	34.86	56.00	-21.14	QP	P	
8	2.2515	10.65	10.03	20.68	46.00	-25.32	AVG	P	
9	6.0000	28.86	10.03	38.89	60.00	-21.11	QP	P	
10	6.0000	15.38	10.03	25.41	50.00	-24.59	AVG	P	
11	27.7530	44.68	10.22	54.90	60.00	-5.10	QP	P	
12	27.7530	28.25	10.22	38.47	50.00	-11.53	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Neutral Line
Model No.:	H619E

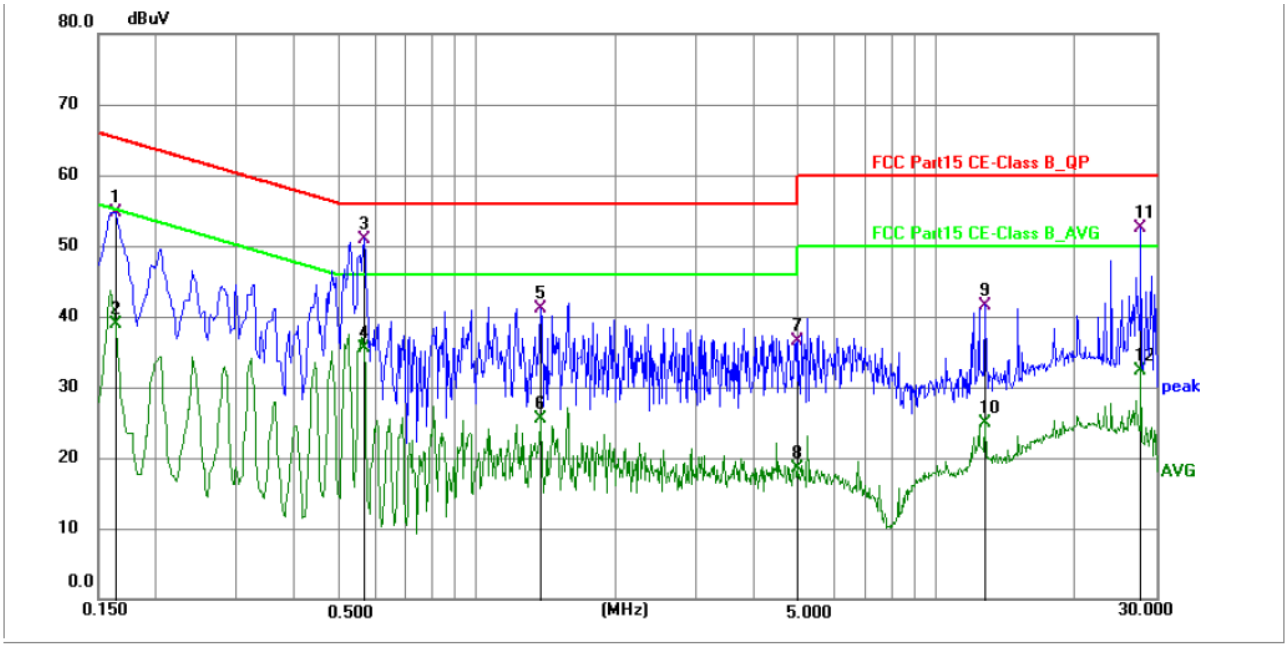


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1 *	0.1815	52.16	9.99	62.15	64.42	-2.27	QP	P	
2	0.1815	32.53	9.99	42.52	54.42	-11.90	AVG	P	
3	0.4020	36.16	10.04	46.20	57.81	-11.61	QP	P	
4	0.4020	17.03	10.04	27.07	47.81	-20.74	AVG	P	
5	1.5000	25.52	10.06	35.58	56.00	-20.42	QP	P	
6	1.5000	11.73	10.06	21.79	46.00	-24.21	AVG	P	
7	5.9955	35.39	10.04	45.43	60.00	-14.57	QP	P	
8	5.9955	15.65	10.04	25.69	50.00	-24.31	AVG	P	
9	22.5015	43.50	10.12	53.62	60.00	-6.38	QP	P	
10	22.5015	28.19	10.12	38.31	50.00	-11.69	AVG	P	
11	27.7485	47.01	10.20	57.21	60.00	-2.79	QP	P	
12	27.7485	28.49	10.20	38.69	50.00	-11.31	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Live Line
Model No.:	H619A

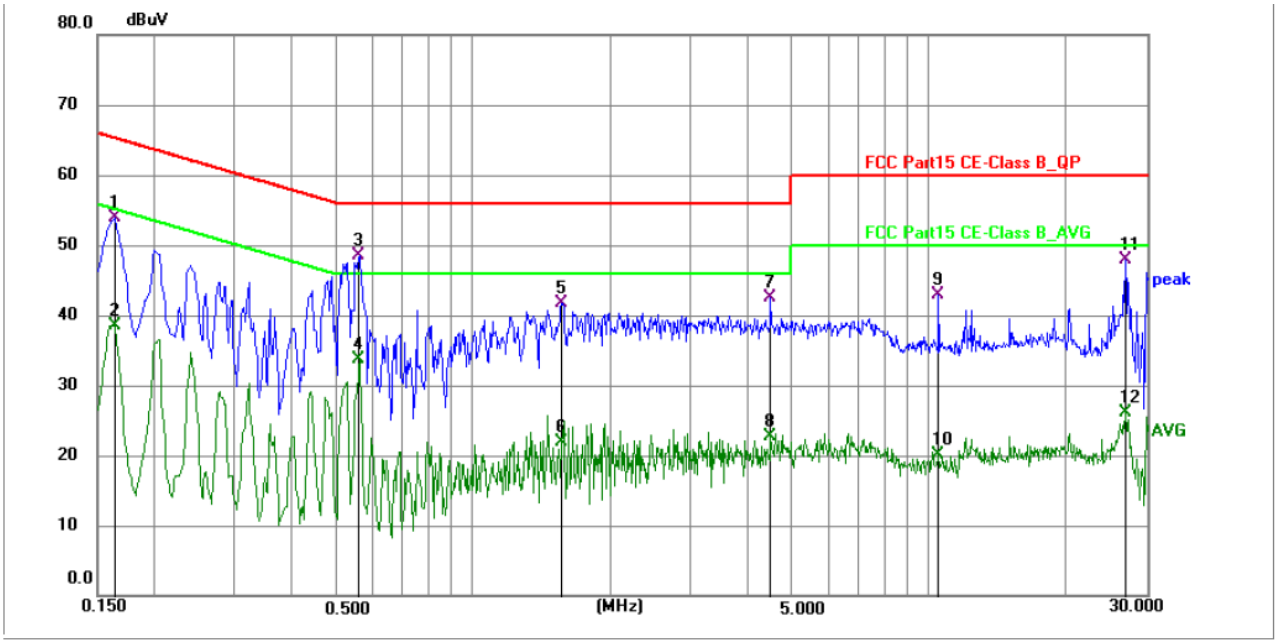


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1635	44.82	9.96	54.78	65.28	-10.50	QP	P	
2	0.1635	28.96	9.96	38.92	55.28	-16.36	AVG	P	
3 *	0.5685	40.96	10.04	51.00	56.00	-5.00	QP	P	
4	0.5685	25.45	10.04	35.49	46.00	-10.51	AVG	P	
5	1.3785	31.06	10.03	41.09	56.00	-14.91	QP	P	
6	1.3785	15.40	10.03	25.43	46.00	-20.57	AVG	P	
7	4.9785	26.52	10.04	36.56	56.00	-19.44	QP	P	
8	4.9785	8.48	10.04	18.52	46.00	-27.48	AVG	P	
9	12.7500	31.63	9.97	41.60	60.00	-18.40	QP	P	
10	12.7500	15.00	9.97	24.97	50.00	-25.03	AVG	P	
11	27.7485	42.36	10.22	52.58	60.00	-7.42	QP	P	
12	27.7485	22.03	10.22	32.25	50.00	-17.75	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Neutral Line
Model No.:	H619A

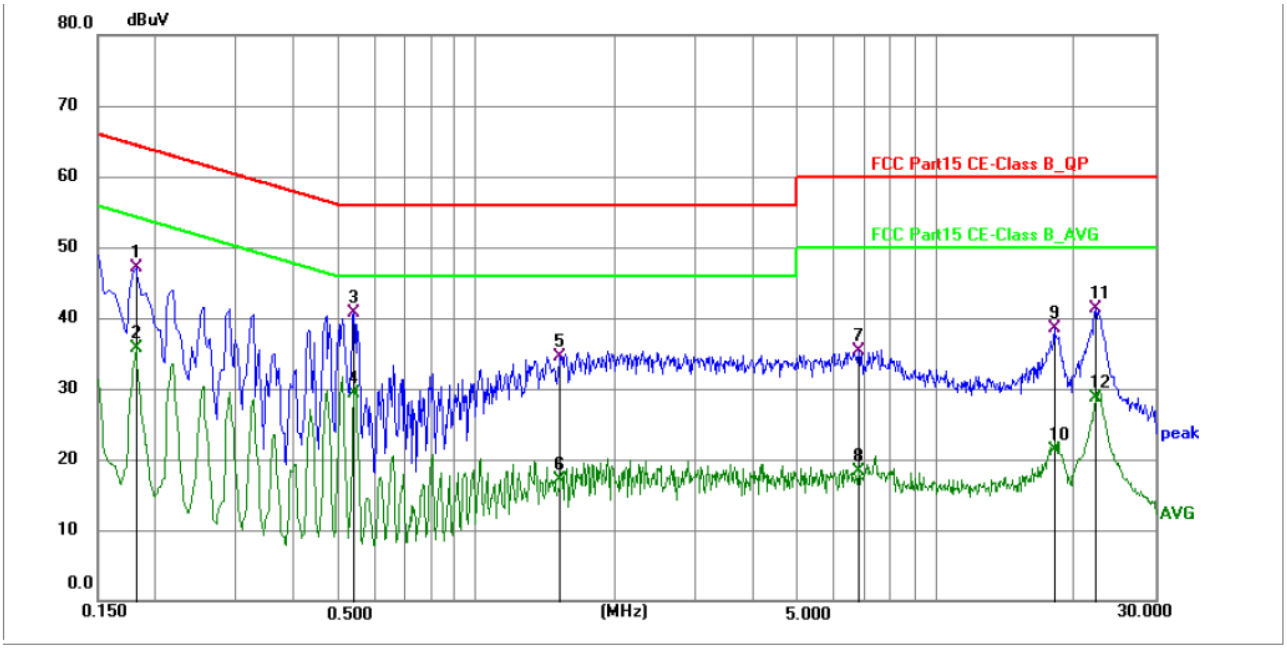


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1635	43.89	9.98	53.87	65.28	-11.41	QP	P	
2	0.1635	28.56	9.98	38.54	55.28	-16.74	AVG	P	
3 *	0.5639	38.34	10.07	48.41	56.00	-7.59	QP	P	
4	0.5639	23.63	10.07	33.70	46.00	-12.30	AVG	P	
5	1.5675	31.58	10.07	41.65	56.00	-14.35	QP	P	
6	1.5675	11.91	10.07	21.98	46.00	-24.02	AVG	P	
7	4.4970	32.39	10.05	42.44	56.00	-13.56	QP	P	
8	4.4970	12.63	10.05	22.68	46.00	-23.32	AVG	P	
9	10.5000	32.93	10.01	42.94	60.00	-17.06	QP	P	
10	10.5000	10.01	10.01	20.02	50.00	-29.98	AVG	P	
11	26.9700	37.62	10.19	47.81	60.00	-12.19	QP	P	
12	26.9700	15.82	10.19	26.01	50.00	-23.99	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Live Line
Model No.:	H619B

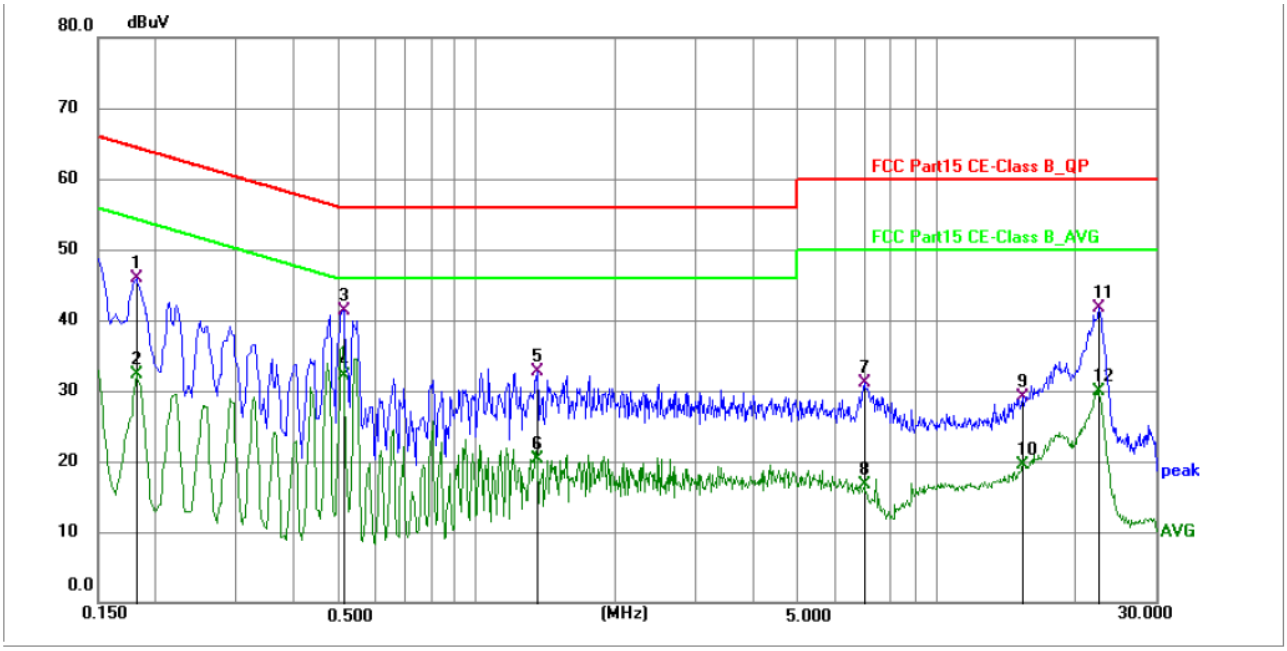


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1815	37.22	9.96	47.18	64.42	-17.24	QP	P	
2	0.1815	25.66	9.96	35.62	54.42	-18.80	AVG	P	
3 *	0.5415	30.67	10.04	40.71	56.00	-15.29	QP	P	
4	0.5415	19.19	10.04	29.23	46.00	-16.77	AVG	P	
5	1.5225	24.51	10.03	34.54	56.00	-21.46	QP	P	
6	1.5225	7.00	10.03	17.03	46.00	-28.97	AVG	P	
7	6.8010	25.32	10.01	35.33	60.00	-24.67	QP	P	
8	6.8010	8.28	10.01	18.29	50.00	-31.71	AVG	P	
9	18.0465	28.47	10.03	38.50	60.00	-21.50	QP	P	
10	18.0465	11.32	10.03	21.35	50.00	-28.65	AVG	P	
11	22.2585	31.18	10.12	41.30	60.00	-18.70	QP	P	
12	22.2585	18.54	10.12	28.66	50.00	-21.34	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Neutral Line
Model No.:	H619B

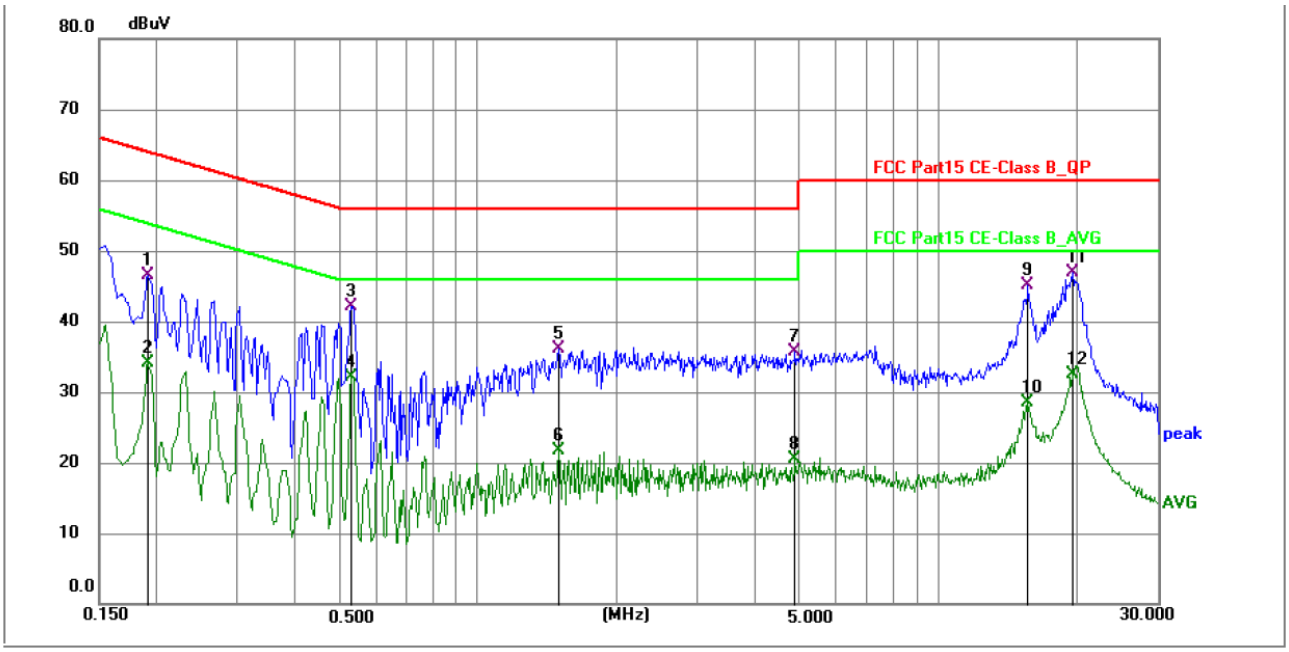


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1815	35.98	9.99	45.97	64.42	-18.45	QP	P	
2	0.1815	22.31	9.99	32.30	54.42	-22.12	AVG	P	
3	0.5144	31.14	10.07	41.21	56.00	-14.79	QP	P	
4 *	0.5144	21.98	10.07	32.05	46.00	-13.95	AVG	P	
5	1.3560	22.58	10.06	32.64	56.00	-23.36	QP	P	
6	1.3560	10.34	10.06	20.40	46.00	-25.60	AVG	P	
7	6.9630	21.06	10.04	31.10	60.00	-28.90	QP	P	
8	6.9630	6.60	10.04	16.64	50.00	-33.36	AVG	P	
9	15.4275	19.15	10.00	29.15	60.00	-30.85	QP	P	
10	15.4275	9.42	10.00	19.42	50.00	-30.58	AVG	P	
11	22.5690	31.55	10.12	41.67	60.00	-18.33	QP	P	
12	22.5690	19.70	10.12	29.82	50.00	-20.18	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Live Line
Model No.:	H619C

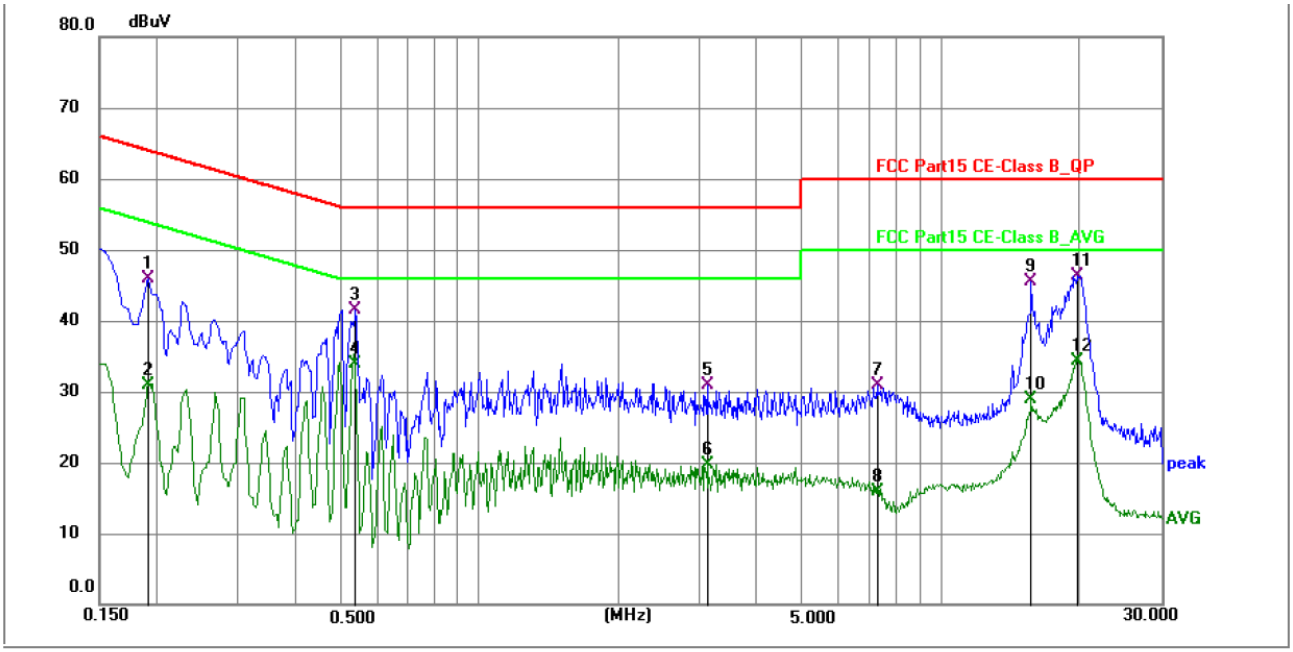


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1905	36.52	9.97	46.49	64.01	-17.52	QP	P	
2	0.1905	24.06	9.97	34.03	54.01	-19.98	AVG	P	
3	0.5280	32.04	10.04	42.08	56.00	-13.92	QP	P	
4	0.5280	22.01	10.04	32.05	46.00	-13.95	AVG	P	
5	1.5000	26.16	10.03	36.19	56.00	-19.81	QP	P	
6	1.5000	11.60	10.03	21.63	46.00	-24.37	AVG	P	
7	4.8840	25.59	10.04	35.63	56.00	-20.37	QP	P	
8	4.8840	10.49	10.04	20.53	46.00	-25.47	AVG	P	
9	15.6570	35.03	9.98	45.01	60.00	-14.99	QP	P	
10	15.6570	18.47	9.98	28.45	50.00	-21.55	AVG	P	
11 *	19.5540	36.92	10.06	46.98	60.00	-13.02	QP	P	
12	19.5540	22.48	10.06	32.54	50.00	-17.46	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Neutral Line
Model No.:	H619C

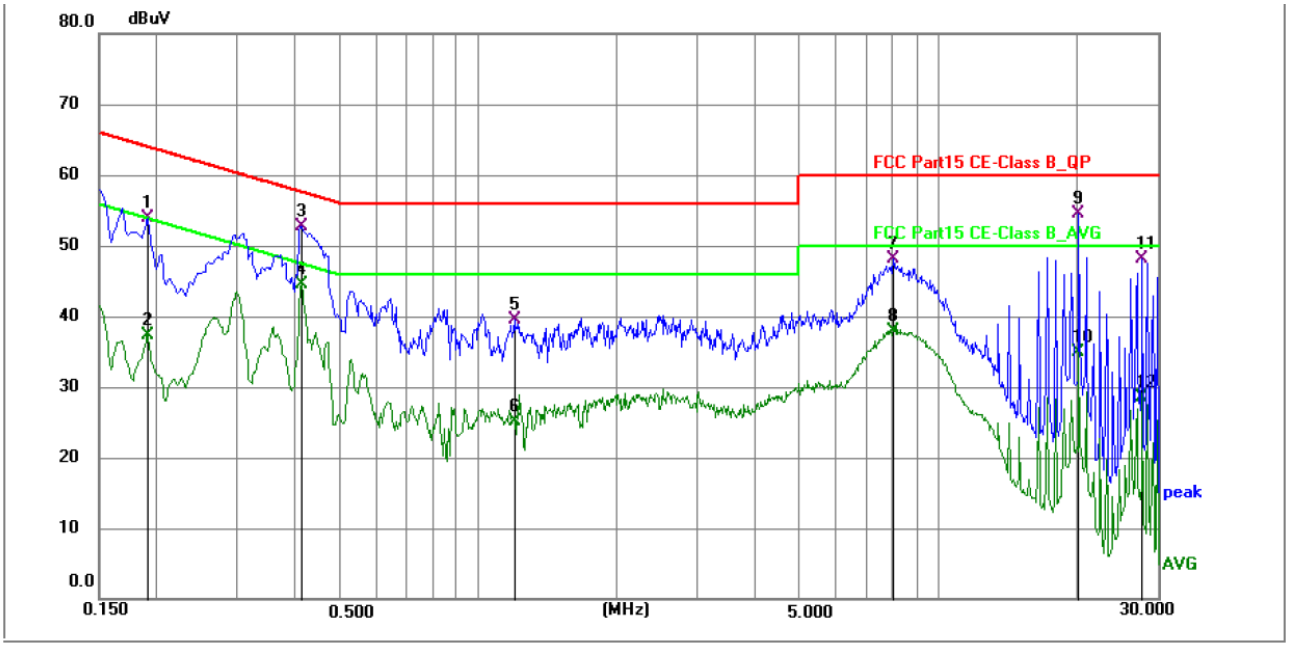


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1905	35.82	9.99	45.81	64.01	-18.20	QP	P	
2	0.1905	20.94	9.99	30.93	54.01	-23.08	AVG	P	
3	0.5370	31.36	10.07	41.43	56.00	-14.57	QP	P	
4 *	0.5370	23.91	10.07	33.98	46.00	-12.02	AVG	P	
5	3.1110	20.78	10.04	30.82	56.00	-25.18	QP	P	
6	3.1110	9.60	10.04	19.64	46.00	-26.36	AVG	P	
7	7.2780	20.81	10.03	30.84	60.00	-29.16	QP	P	
8	7.2780	5.94	10.03	15.97	50.00	-34.03	AVG	P	
9	15.6795	35.45	10.00	45.45	60.00	-14.55	QP	P	
10	15.6795	18.95	10.00	28.95	50.00	-21.05	AVG	P	
11	19.6485	36.31	10.07	46.38	60.00	-13.62	QP	P	
12	19.6485	24.20	10.07	34.27	50.00	-15.73	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Live Line
Model No.:	H619D

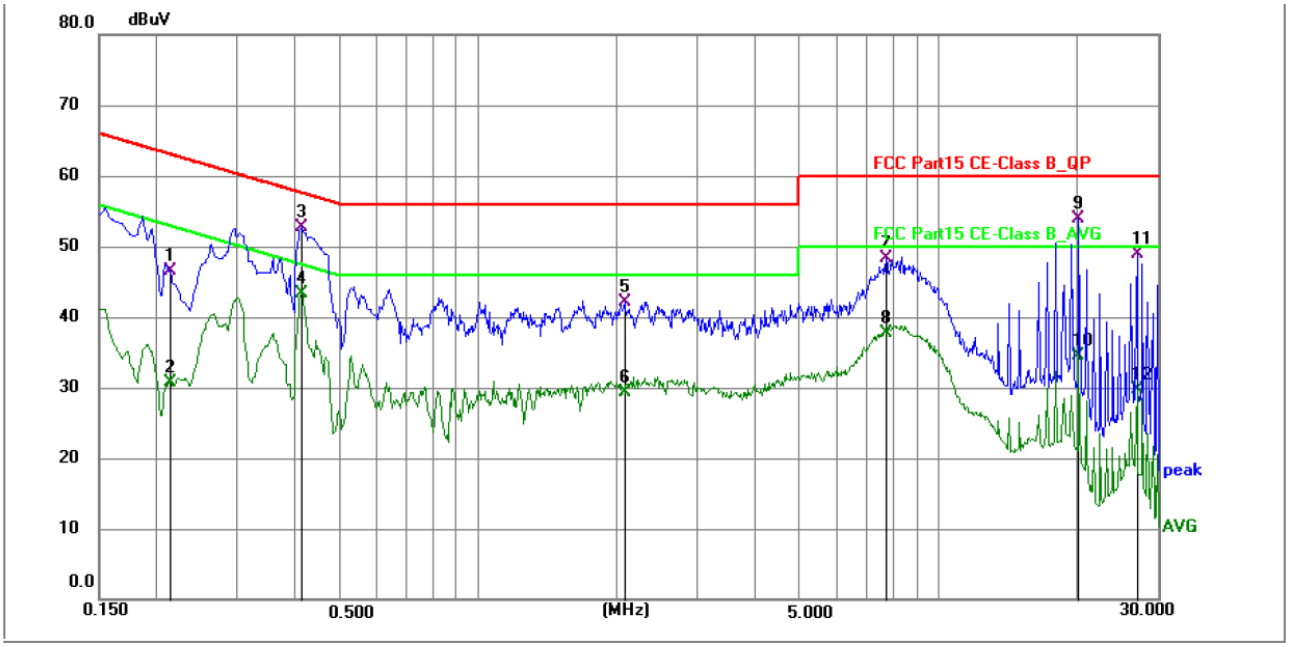


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1905	43.89	9.97	53.86	64.01	-10.15	QP	P	
2	0.1905	27.31	9.97	37.28	54.01	-16.73	AVG	P	
3	0.4110	42.64	10.02	52.66	57.63	-4.97	QP	P	
4 *	0.4110	34.39	10.02	44.41	47.63	-3.22	AVG	P	
5	1.1985	29.51	10.04	39.55	56.00	-16.45	QP	P	
6	1.1985	15.02	10.04	25.06	46.00	-20.94	AVG	P	
7	8.0160	38.21	9.99	48.20	60.00	-11.80	QP	P	
8	8.0160	27.83	9.99	37.82	50.00	-12.18	AVG	P	
9	20.2470	44.38	10.08	54.46	60.00	-5.54	QP	P	
10	20.2470	24.91	10.08	34.99	50.00	-15.01	AVG	P	
11	27.7485	37.83	10.22	48.05	60.00	-11.95	QP	P	
12	27.7485	18.23	10.22	28.45	50.00	-21.55	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Neutral Line
Model No.:	H619D

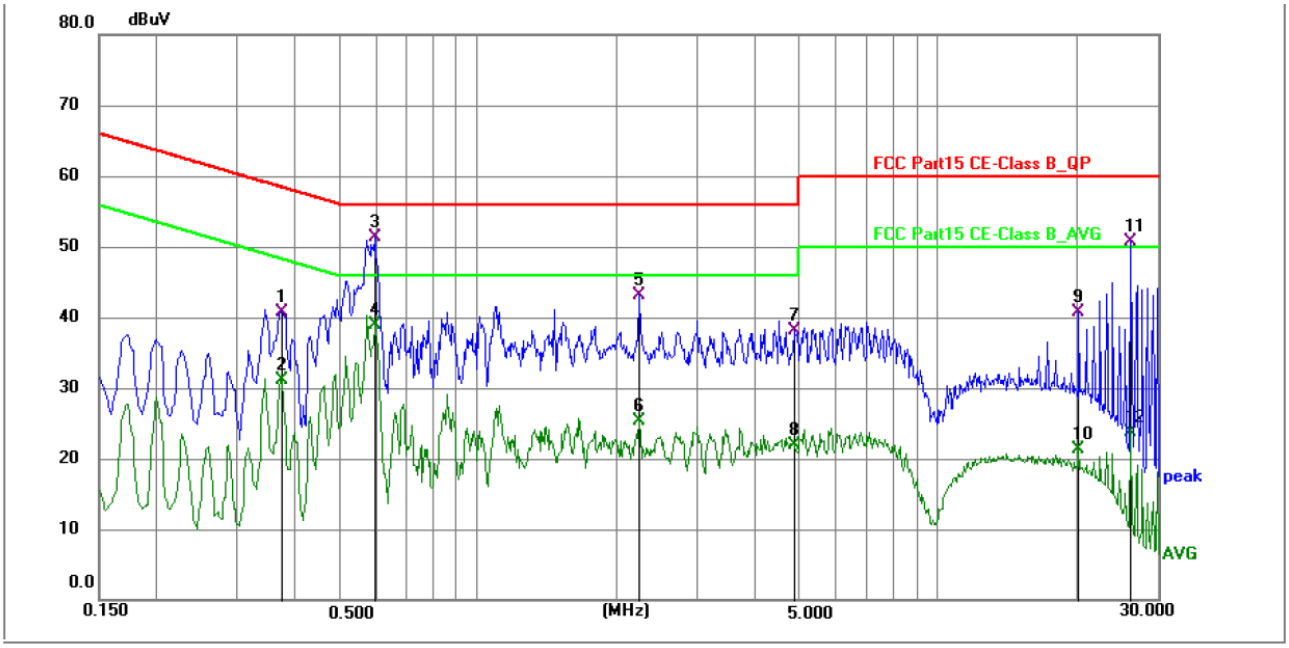


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.2130	36.53	9.99	46.52	63.09	-16.57	QP	P	
2	0.2130	20.66	9.99	30.65	53.09	-22.44	AVG	P	
3	0.4110	42.61	10.04	52.65	57.63	-4.98	QP	P	
4 *	0.4110	33.21	10.04	43.25	47.63	-4.38	AVG	P	
5	2.0805	32.05	10.07	42.12	56.00	-13.88	QP	P	
6	2.0805	19.19	10.07	29.26	46.00	-16.74	AVG	P	
7	7.6920	38.20	10.03	48.23	60.00	-11.77	QP	P	
8	7.6920	27.73	10.03	37.76	50.00	-12.24	AVG	P	
9	20.2470	43.78	10.08	53.86	60.00	-6.14	QP	P	
10	20.2470	24.52	10.08	34.60	50.00	-15.40	AVG	P	
11	27.0015	38.69	10.19	48.88	60.00	-11.12	QP	P	
12	27.0015	19.59	10.19	29.78	50.00	-20.22	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Live Line
Model No.:	H619Z

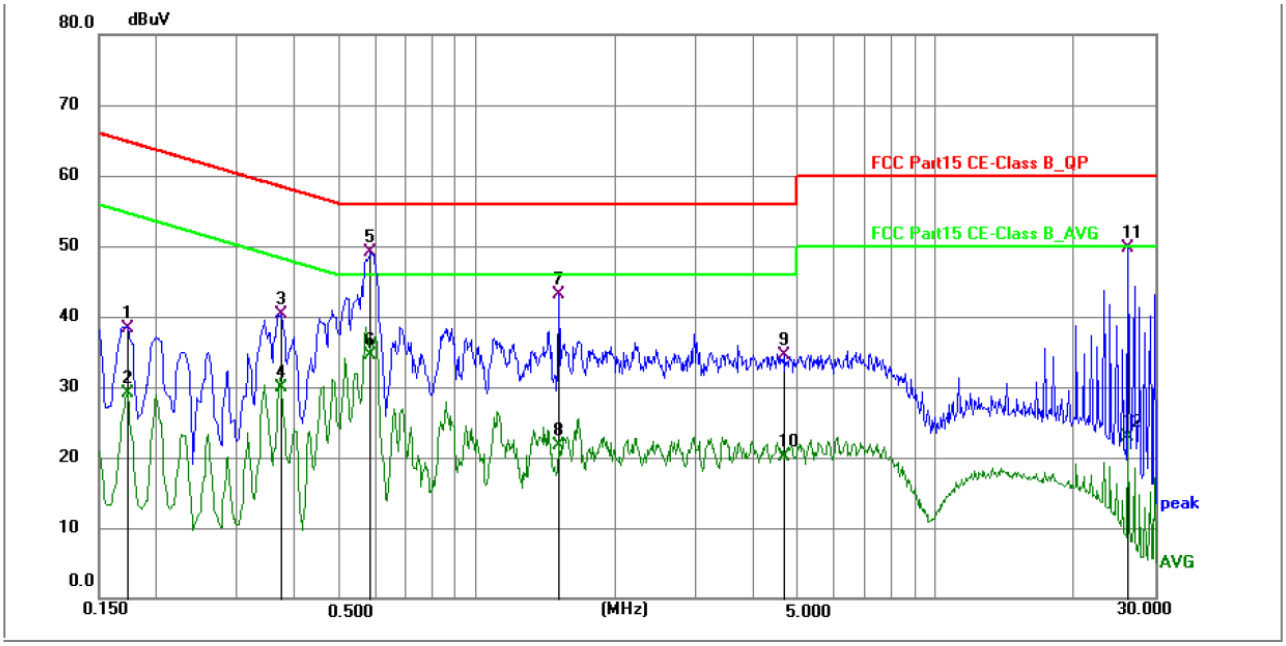


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.3750	30.76	10.01	40.77	58.39	-17.62	QP	P	
2	0.3750	21.19	10.01	31.20	48.39	-17.19	AVG	P	
3 *	0.5955	41.32	10.04	51.36	56.00	-4.64	QP	P	
4	0.5955	28.86	10.04	38.90	46.00	-7.10	AVG	P	
5	2.2470	33.17	10.03	43.20	56.00	-12.80	QP	P	
6	2.2470	15.19	10.03	25.22	46.00	-20.78	AVG	P	
7	4.8705	28.10	10.04	38.14	56.00	-17.86	QP	P	
8	4.8705	11.91	10.04	21.95	46.00	-24.05	AVG	P	
9	20.2515	30.67	10.08	40.75	60.00	-19.25	QP	P	
10	20.2515	11.15	10.08	21.23	50.00	-28.77	AVG	P	
11	26.2500	40.46	10.20	50.66	60.00	-9.34	QP	P	
12	26.2500	13.55	10.20	23.75	50.00	-26.25	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Neutral Line
Model No.:	H619Z

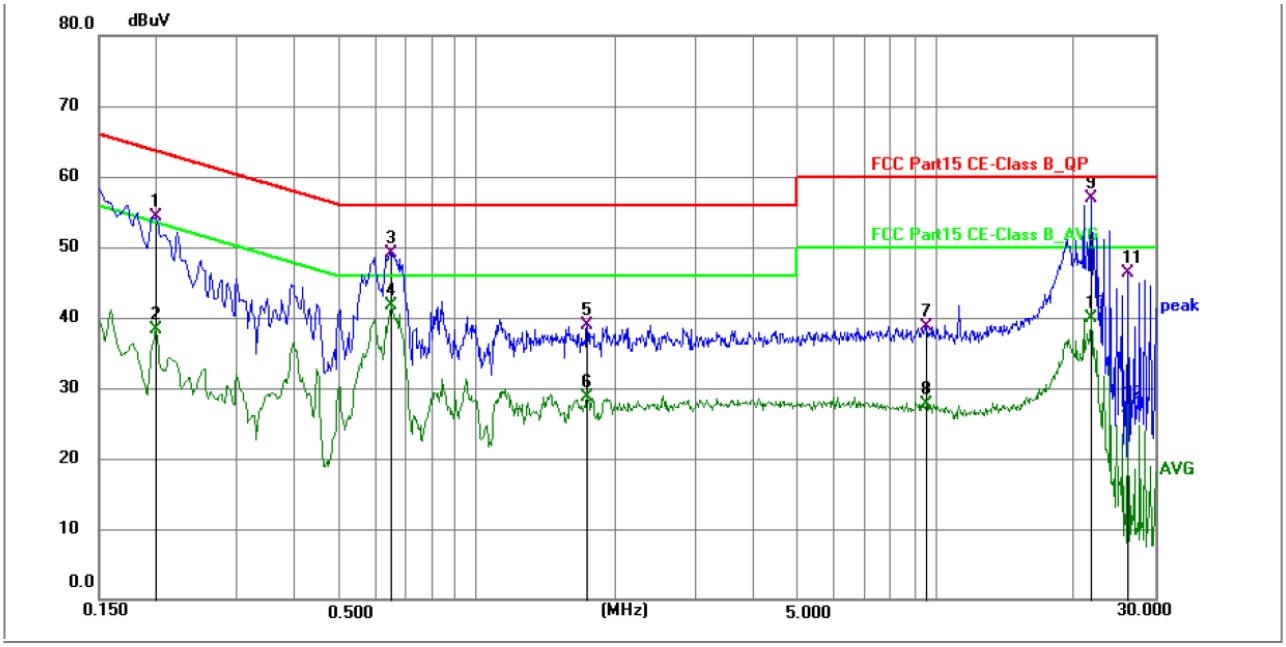


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1725	28.42	9.98	38.40	64.84	-26.44	QP	P	
2	0.1725	19.13	9.98	29.11	54.84	-25.73	AVG	P	
3	0.3750	30.32	10.04	40.36	58.39	-18.03	QP	P	
4	0.3750	19.94	10.04	29.98	48.39	-18.41	AVG	P	
5 *	0.5865	39.00	10.07	49.07	56.00	-6.93	QP	P	
6	0.5865	24.36	10.07	34.43	46.00	-11.57	AVG	P	
7	1.5045	32.97	10.07	43.04	56.00	-12.96	QP	P	
8	1.5045	11.65	10.07	21.72	46.00	-24.28	AVG	P	
9	4.6545	24.53	10.05	34.58	56.00	-21.42	QP	P	
10	4.6545	10.00	10.05	20.05	46.00	-25.95	AVG	P	
11	26.2500	39.58	10.18	49.76	60.00	-10.24	QP	P	
12	26.2500	12.70	10.18	22.88	50.00	-27.12	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Live Line
Model No.:	H6168

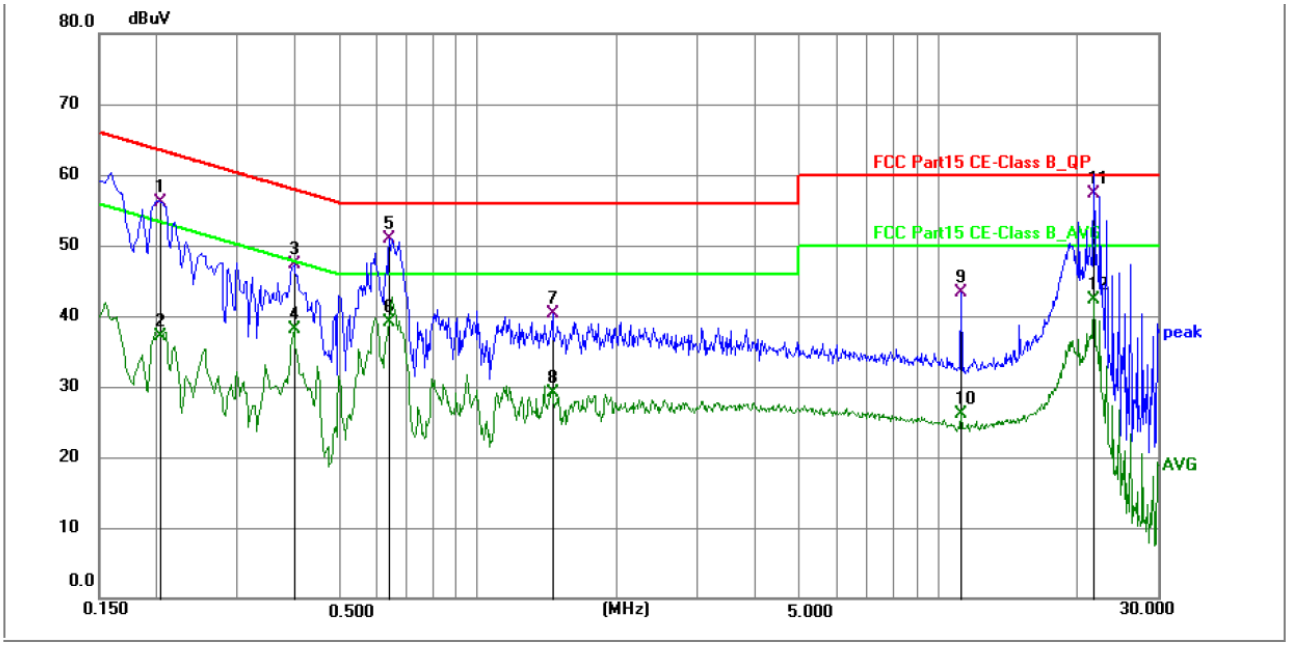


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1995	44.26	9.97	54.23	63.63	-9.40	QP	P	
2	0.1995	28.37	9.97	38.34	53.63	-15.29	AVG	P	
3	0.6495	39.08	10.04	49.12	56.00	-6.88	QP	P	
4	0.6495	31.73	10.04	41.77	46.00	-4.23	AVG	P	
5	1.7430	28.98	10.02	39.00	56.00	-17.00	QP	P	
6	1.7430	18.63	10.02	28.65	46.00	-17.35	AVG	P	
7	9.5415	28.74	9.97	38.71	60.00	-21.29	QP	P	
8	9.5415	17.76	9.97	27.73	50.00	-22.27	AVG	P	
9 *	21.7545	46.81	10.11	56.92	60.00	-3.08	QP	P	
10	21.7545	29.79	10.11	39.90	50.00	-10.10	AVG	P	
11	26.2500	36.18	10.20	46.38	60.00	-13.62	QP	P	
12	26.2500	16.95	10.20	27.15	50.00	-22.85	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Neutral Line
Model No.:	H6168

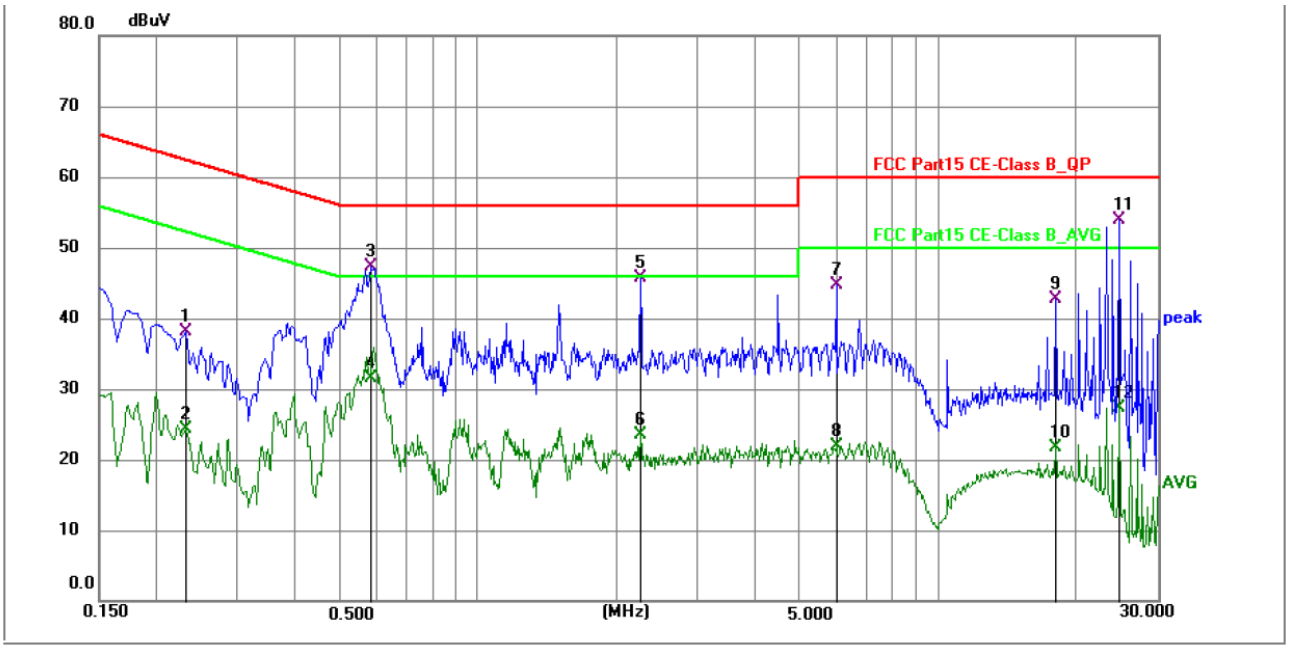


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.2040	46.18	9.99	56.17	63.45	-7.28	QP	P	
2	0.2040	27.11	9.99	37.10	53.45	-16.35	AVG	P	
3	0.3975	37.29	10.04	47.33	57.91	-10.58	QP	P	
4	0.3975	28.00	10.04	38.04	47.91	-9.87	AVG	P	
5	0.6405	40.90	10.06	50.96	56.00	-5.04	QP	P	
6	0.6405	29.12	10.06	39.18	46.00	-6.82	AVG	P	
7	1.4550	30.16	10.06	40.22	56.00	-15.78	QP	P	
8	1.4550	19.01	10.06	29.07	46.00	-16.93	AVG	P	
9	11.2470	33.28	10.01	43.29	60.00	-16.71	QP	P	
10	11.2470	16.05	10.01	26.06	50.00	-23.94	AVG	P	
11 *	21.7500	47.19	10.11	57.30	60.00	-2.70	QP	P	
12	21.7500	32.22	10.11	42.33	50.00	-7.67	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Live Line
Model No.:	H618A

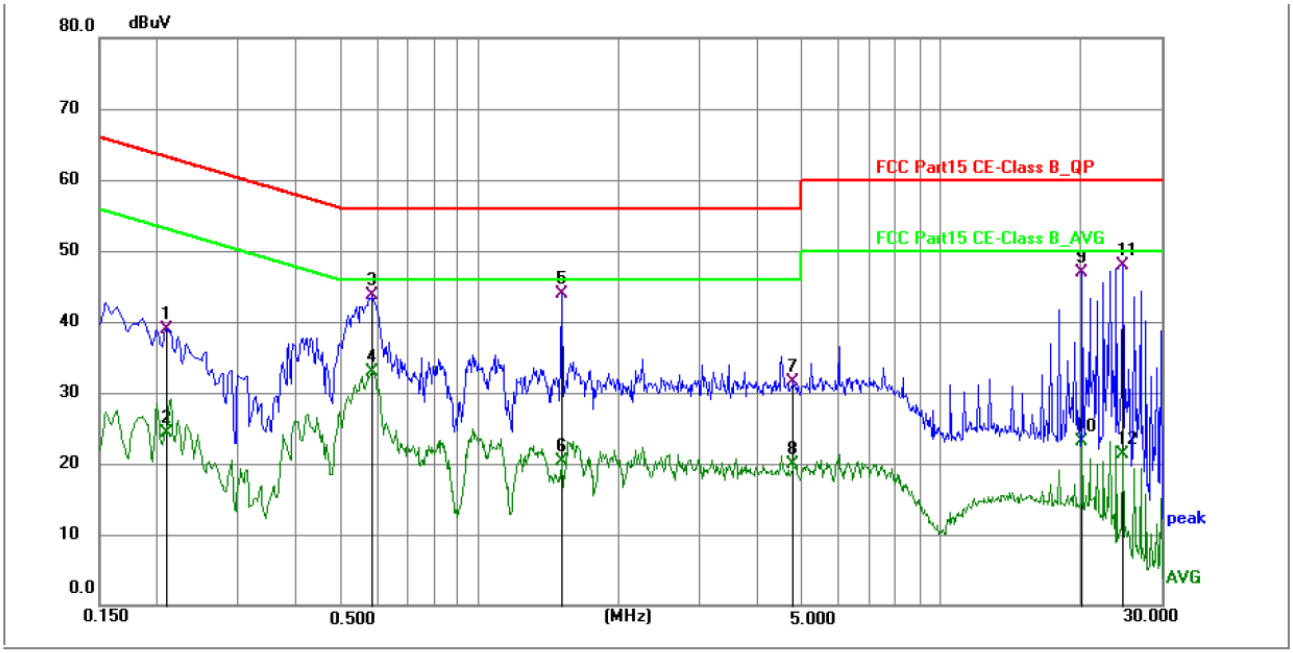


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.2310	28.13	9.97	38.10	62.41	-24.31	QP	P	
2	0.2310	14.27	9.97	24.24	52.41	-28.17	AVG	P	
3	0.5820	37.22	10.04	47.26	56.00	-8.74	QP	P	
4	0.5820	21.48	10.04	31.52	46.00	-14.48	AVG	P	
5	2.2515	35.58	10.03	45.61	56.00	-10.39	QP	P	
6	2.2515	13.52	10.03	23.55	46.00	-22.45	AVG	P	
7	6.0000	34.58	10.03	44.61	60.00	-15.39	QP	P	
8	6.0000	11.82	10.03	21.85	50.00	-28.15	AVG	P	
9	18.0015	32.71	10.03	42.74	60.00	-17.26	QP	P	
10	18.0015	11.62	10.03	21.65	50.00	-28.35	AVG	P	
11 *	24.7515	43.71	10.17	53.88	60.00	-6.12	QP	P	
12	24.7515	17.19	10.17	27.36	50.00	-22.64	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Neutral Line
Model No.:	H618A

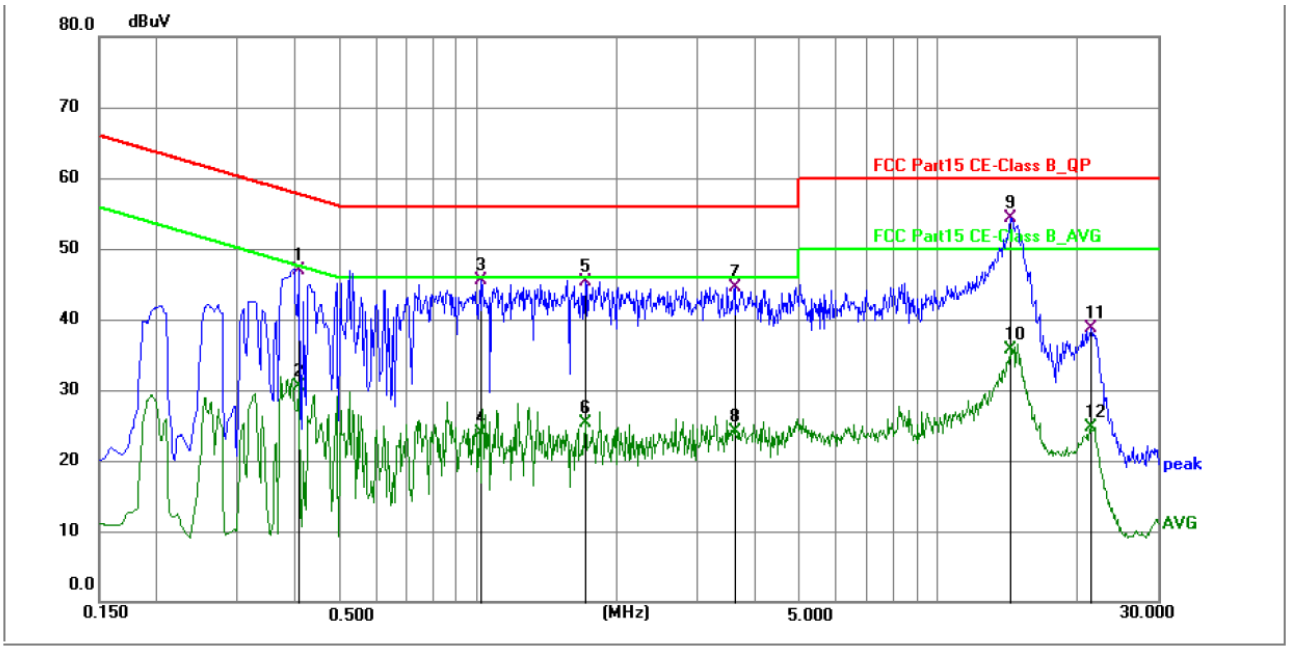


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.2085	28.97	9.99	38.96	63.26	-24.30	QP	P	
2	0.2085	14.37	9.99	24.36	53.26	-28.90	AVG	P	
3	0.5865	33.58	10.07	43.65	56.00	-12.35	QP	P	
4	0.5865	22.78	10.07	32.85	46.00	-13.15	AVG	P	
5 *	1.5045	33.81	10.07	43.88	56.00	-12.12	QP	P	
6	1.5045	10.21	10.07	20.28	46.00	-25.72	AVG	P	
7	4.7940	21.40	10.05	31.45	56.00	-24.55	QP	P	
8	4.7940	9.79	10.05	19.84	46.00	-26.16	AVG	P	
9	20.2515	36.82	10.08	46.90	60.00	-13.10	QP	P	
10	20.2515	13.08	10.08	23.16	50.00	-26.84	AVG	P	
11	24.7515	37.67	10.16	47.83	60.00	-12.17	QP	P	
12	24.7515	11.09	10.16	21.25	50.00	-28.75	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Live Line
Model No.:	H618C

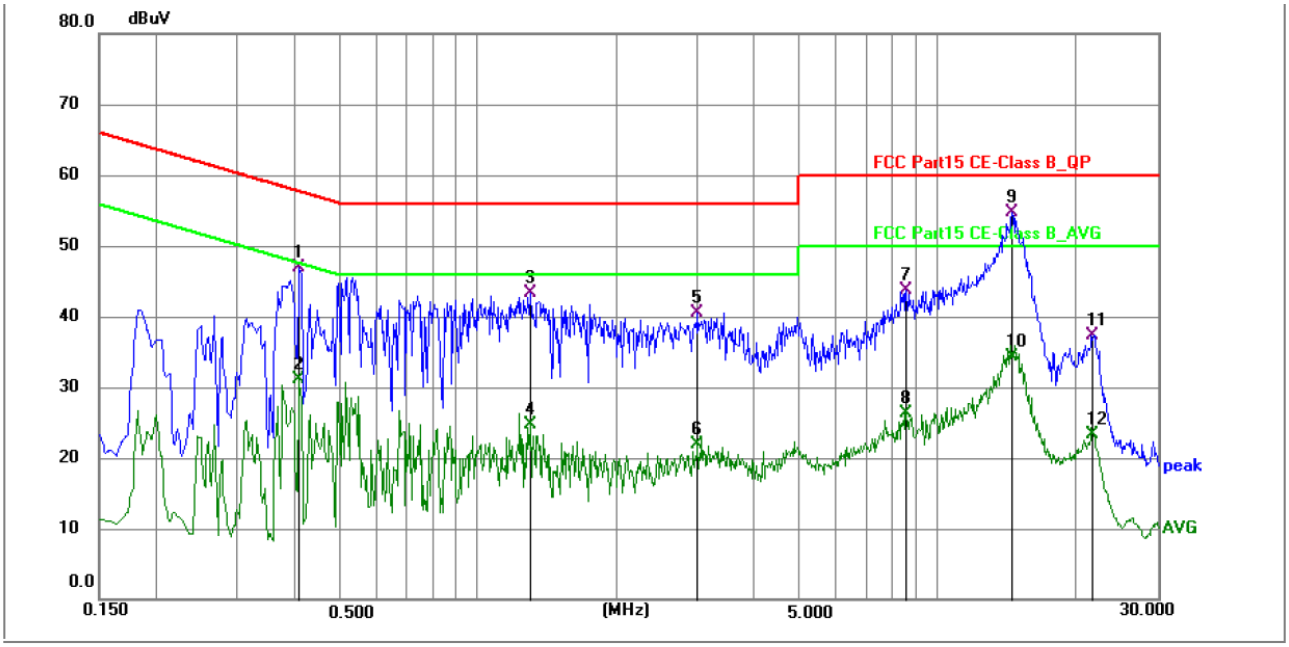


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.4065	36.87	10.02	46.89	57.72	-10.83	QP	P	
2	0.4065	20.48	10.02	30.50	47.72	-17.22	AVG	P	
3	1.0184	35.40	10.04	45.44	56.00	-10.56	QP	P	
4	1.0184	13.89	10.04	23.93	46.00	-22.07	AVG	P	
5	1.7115	35.24	10.03	45.27	56.00	-10.73	QP	P	
6	1.7115	15.24	10.03	25.27	46.00	-20.73	AVG	P	
7	3.6060	34.55	10.05	44.60	56.00	-11.40	QP	P	
8	3.6060	14.13	10.05	24.18	46.00	-21.82	AVG	P	
9 *	14.3340	44.30	9.97	54.27	60.00	-5.73	QP	P	
10	14.3340	25.77	9.97	35.74	50.00	-14.26	AVG	P	
11	21.5160	28.59	10.10	38.69	60.00	-21.31	QP	P	
12	21.5160	14.65	10.10	24.75	50.00	-25.25	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Neutral Line
Model No.:	H618C

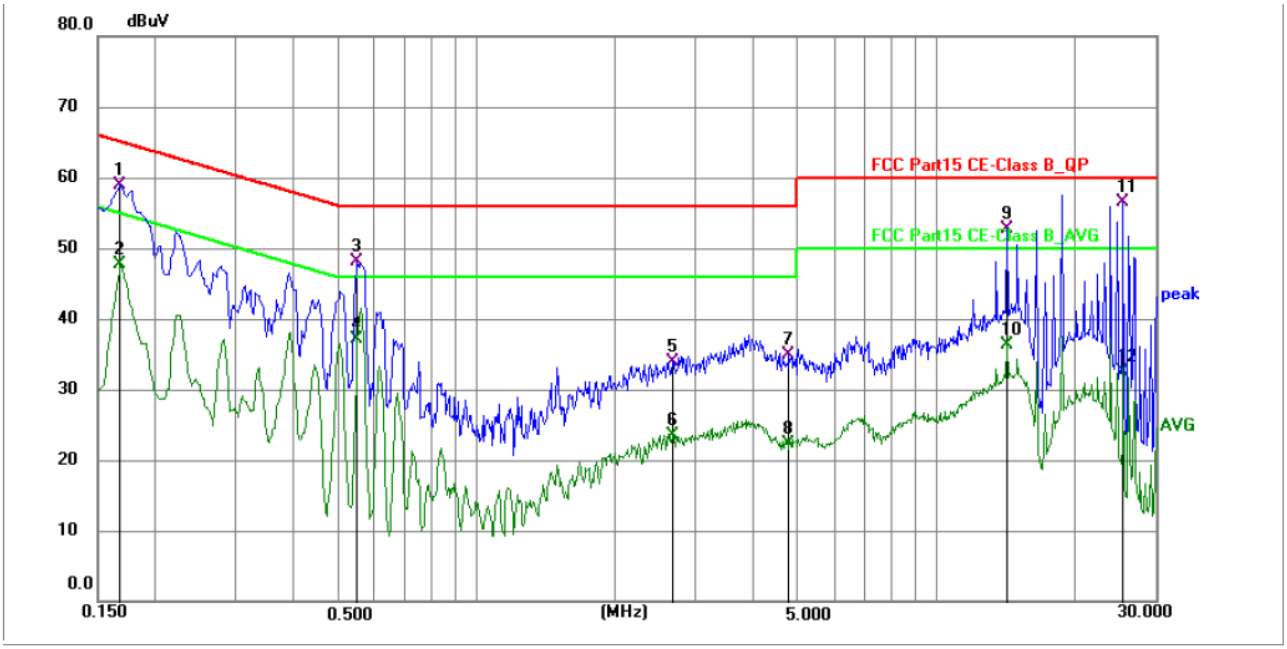


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.4065	36.93	10.04	46.97	57.72	-10.75	QP	P	
2	0.4065	21.08	10.04	31.12	47.72	-16.60	AVG	P	
3	1.2975	33.15	10.06	43.21	56.00	-12.79	QP	P	
4	1.2975	14.56	10.06	24.62	46.00	-21.38	AVG	P	
5	3.0030	30.47	10.04	40.51	56.00	-15.49	QP	P	
6	3.0030	11.78	10.04	21.82	46.00	-24.18	AVG	P	
7	8.5290	33.77	10.02	43.79	60.00	-16.21	QP	P	
8	8.5290	16.35	10.02	26.37	50.00	-23.63	AVG	P	
9 *	14.5005	44.65	9.99	54.64	60.00	-5.36	QP	P	
10	14.5005	24.30	9.99	34.29	50.00	-15.71	AVG	P	
11	21.7724	27.21	10.11	37.32	60.00	-22.68	QP	P	
12	21.7724	13.13	10.11	23.24	50.00	-26.76	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Live Line
Model No.:	H618E

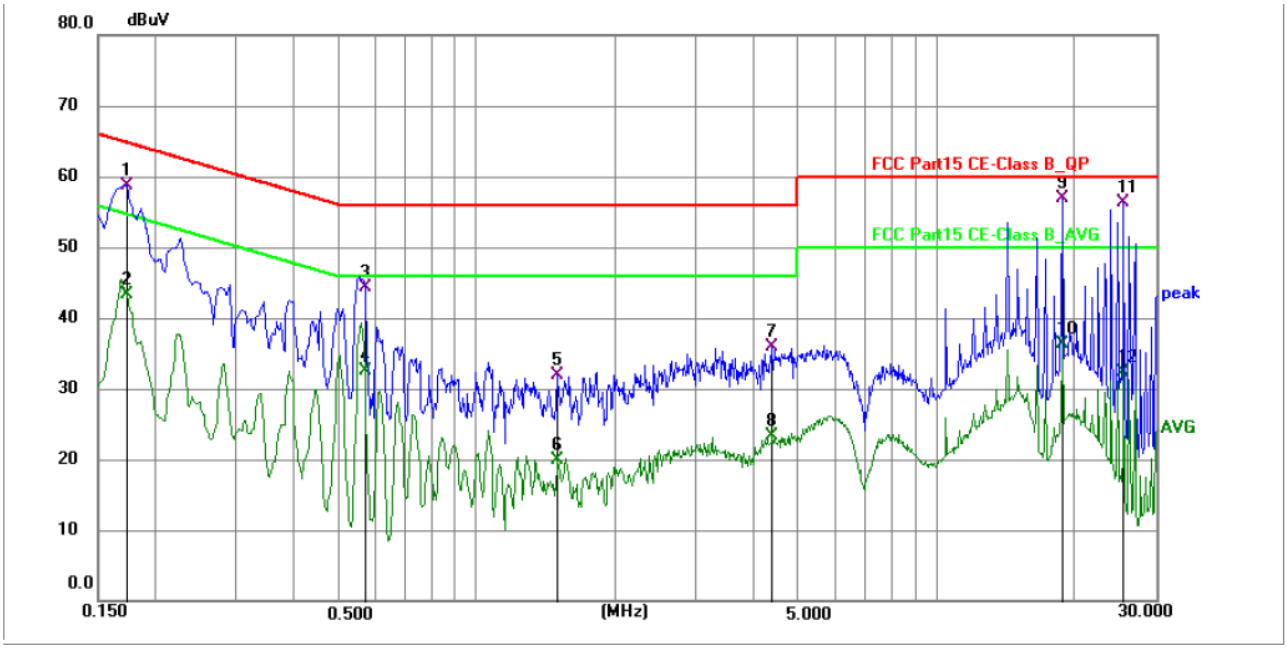


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1680	48.95	9.96	58.91	65.06	-6.15	QP	P	
2	0.1680	37.82	9.96	47.78	55.06	-7.28	AVG	P	
3	0.5505	38.05	10.04	48.09	56.00	-7.91	QP	P	
4	0.5505	27.12	10.04	37.16	46.00	-8.84	AVG	P	
5	2.6745	23.90	10.05	33.95	56.00	-22.05	QP	P	
6	2.6745	13.44	10.05	23.49	46.00	-22.51	AVG	P	
7	4.7805	24.93	10.04	34.97	56.00	-21.03	QP	P	
8	4.7805	12.27	10.04	22.31	46.00	-23.69	AVG	P	
9	14.2530	42.83	9.97	52.80	60.00	-7.20	QP	P	
10	14.2530	26.39	9.97	36.36	50.00	-13.64	AVG	P	
11 *	25.4985	46.22	10.19	56.41	60.00	-3.59	QP	P	
12	25.4985	22.35	10.19	32.54	50.00	-17.46	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Neutral Line
Model No.:	H618E

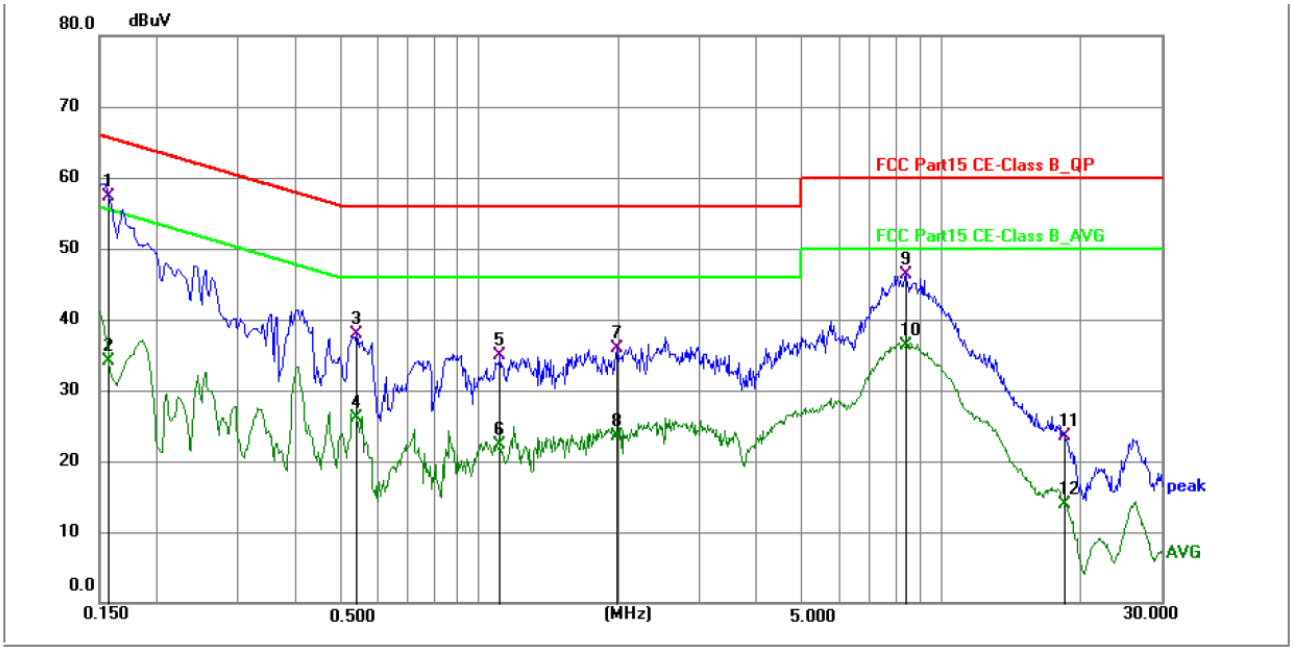


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1725	48.72	9.96	58.68	64.84	-6.16	QP	P	
2	0.1725	33.34	9.96	43.30	54.84	-11.54	AVG	P	
3	0.5701	34.36	10.04	44.40	56.00	-11.60	QP	P	
4	0.5701	22.52	10.04	32.56	46.00	-13.44	AVG	P	
5	1.5000	21.92	10.03	31.95	56.00	-24.05	QP	P	
6	1.5000	9.95	10.03	19.98	46.00	-26.02	AVG	P	
7	4.3845	25.79	10.04	35.83	56.00	-20.17	QP	P	
8	4.3845	13.23	10.04	23.27	46.00	-22.73	AVG	P	
9 *	18.7485	46.90	10.04	56.94	60.00	-3.06	QP	P	
10	18.7485	26.34	10.04	36.38	50.00	-13.62	AVG	P	
11	25.4985	46.09	10.19	56.28	60.00	-3.72	QP	P	
12	25.4985	22.03	10.19	32.22	50.00	-17.78	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Live Line
Model No.:	H618F

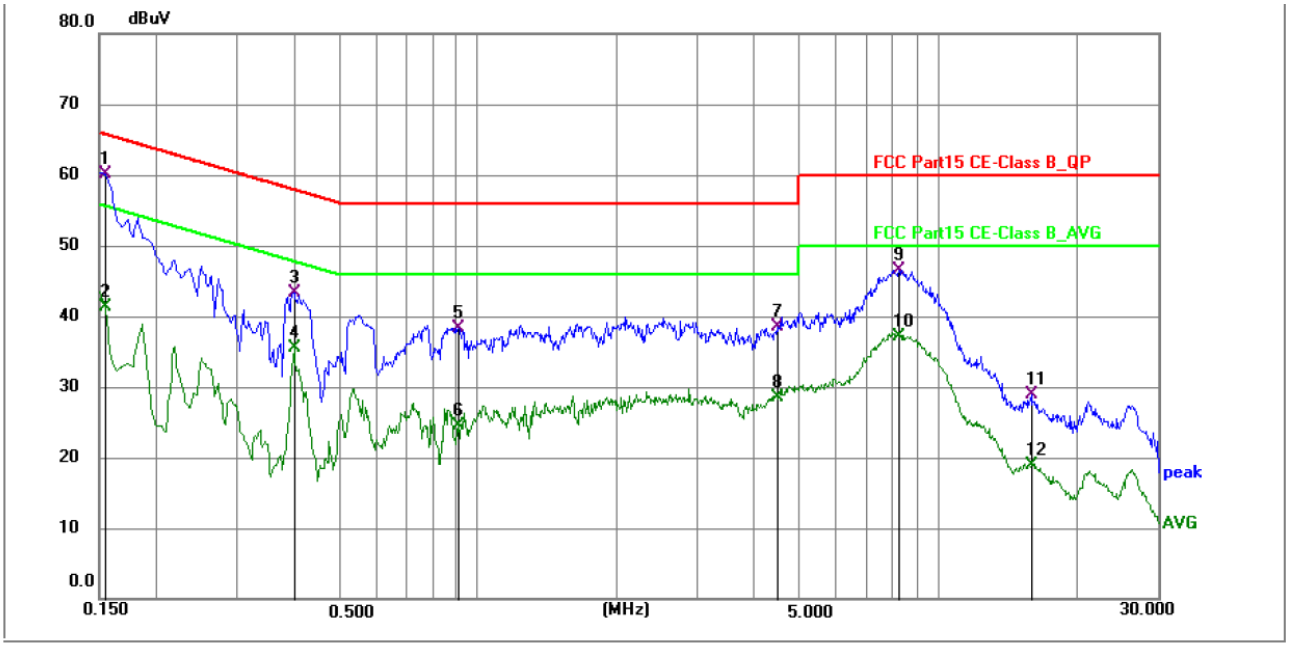


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1 *	0.1573	47.25	9.96	57.21	65.61	-8.40	QP	P	
2	0.1573	24.08	9.96	34.04	55.61	-21.57	AVG	P	
3	0.5415	27.88	10.04	37.92	56.00	-18.08	QP	P	
4	0.5415	16.01	10.04	26.05	46.00	-19.95	AVG	P	
5	1.1085	24.80	10.04	34.84	56.00	-21.16	QP	P	
6	1.1085	12.28	10.04	22.32	46.00	-23.68	AVG	P	
7	1.9860	25.90	10.02	35.92	56.00	-20.08	QP	P	
8	1.9860	13.58	10.02	23.60	46.00	-22.40	AVG	P	
9	8.4030	36.41	9.99	46.40	60.00	-13.60	QP	P	
10	8.4030	26.35	9.99	36.34	50.00	-13.66	AVG	P	
11	18.5640	13.49	10.04	23.53	60.00	-36.47	QP	P	
12	18.5640	3.84	10.04	13.88	50.00	-36.12	AVG	P	

Note: Level = Reading + Factor Margin = Level - Limit

Conducted Emission Test Data

Test Site:	Shielded Room #1
Test Mode:	TM1/ CH Middle
Comments:	Neutral Line
Model No.:	H618F



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1 *	0.1545	50.17	9.98	60.15	65.75	-5.60	QP	P	
2	0.1545	31.24	9.98	41.22	55.75	-14.53	AVG	P	
3	0.3975	33.29	10.04	43.33	57.91	-14.58	QP	P	
4	0.3975	25.37	10.04	35.41	47.91	-12.50	AVG	P	
5	0.9060	28.19	10.06	38.25	56.00	-17.75	QP	P	
6	0.9060	14.48	10.06	24.54	46.00	-21.46	AVG	P	
7	4.4610	28.43	10.05	38.48	56.00	-17.52	QP	P	
8	4.4610	18.49	10.05	28.54	46.00	-17.46	AVG	P	
9	8.2005	36.56	10.02	46.58	60.00	-13.42	QP	P	
10	8.2005	27.04	10.02	37.06	50.00	-12.94	AVG	P	
11	15.9630	18.83	10.01	28.84	60.00	-31.16	QP	P	
12	15.9630	8.96	10.01	18.97	50.00	-31.03	AVG	P	

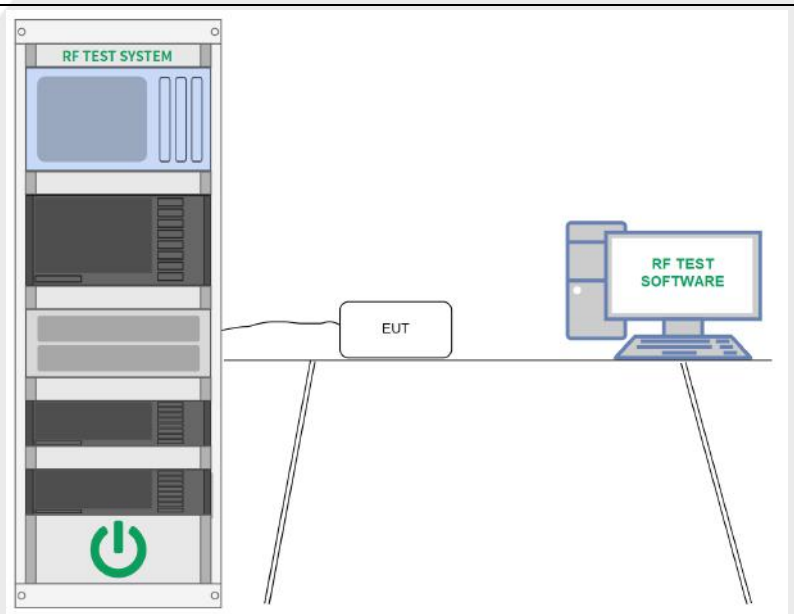
Note: Level = Reading + Factor Margin = Level - Limit

5.3 DTS Bandwidth

5.3.1 Test Requirement

Test Requirement	Systems using digital modulation techniques may operate in the 902-928 MHz, and 2400-2483.5 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.
Test Limit	Section (a)(2), Systems using digital modulation techniques may operate in the 902-928 MHz, and 2400-2483.5 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.
Test Method	ANSI C63.10-2020 section 11.8

5.3.2 Test Setup Diagram



5.3.3 Test Procedure

a) Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz.
b) Set the VBW >= [3 × RBW].
c) Detector = peak.
d) Trace mode = max hold.
e) Sweep = auto couple.
f) Allow the trace to stabilize.
g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.3.4 Test Data

PASS.

Please refer to Annex E for details.

5.4 Maximum Conducted Output Power

5.4.1 Test Requirement

Test Requirement	For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.
Test Limit	For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.
Test Method	ANSI C63.10-2020 section 11.9

5.4.2 Test Setup Diagram

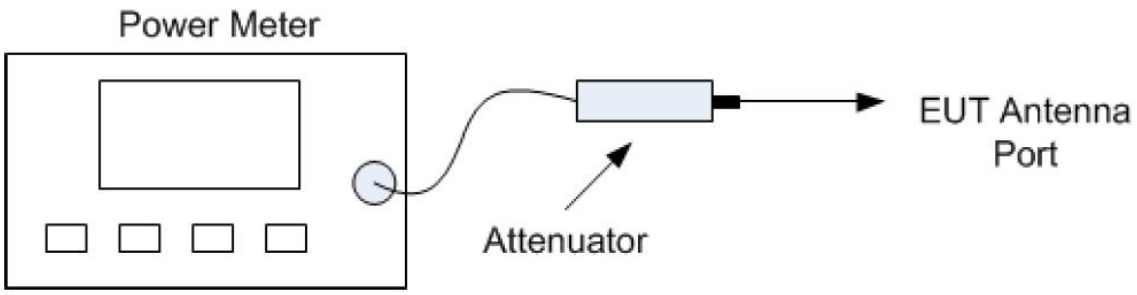


Figure 24—Example of a power meter conducted test setup

5.4.3 Test Procedure

The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall use a fast responding diode detector.

5.4.4 Test Data

PASS.

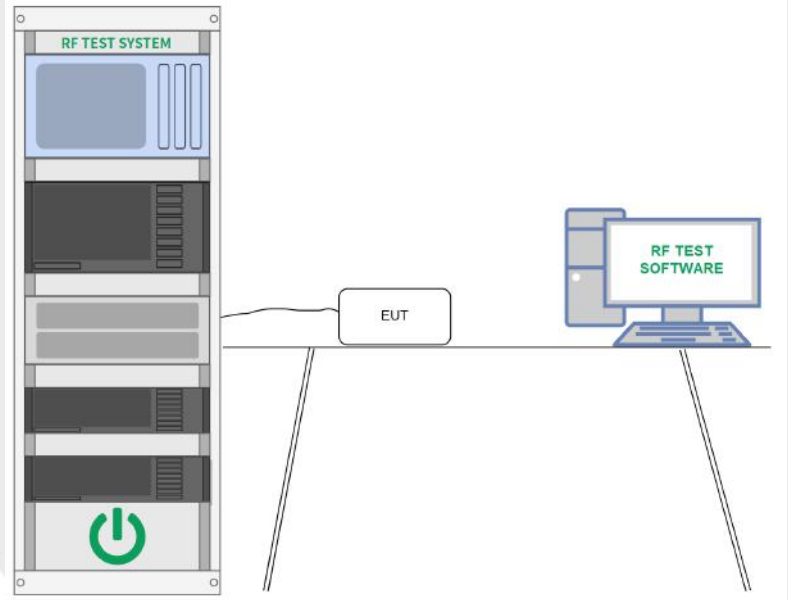
Please refer to Annex E for details.

5.5 Power Spectral Density

5.5.1 Test Requirement

Test Requirement	For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.
Test Limit	For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.
Test Method	ANSI C63.10-2020 section 11.10

5.5.2 Test Setup Diagram



5.5.3 Test Procedure

Set analyzer center frequency to DTS channel center frequency.
Set the span to 1.5 times the DTS bandwidth.
Set the RBW to: 3 kHz ⩽ RBW ⩽ 100 kHz.
Set the VBW ⩾ 3 RBW.
Detector = peak.
Sweep time = auto couple.
Trace mode = max hold.
Allow trace to fully stabilize.
Use the peak marker function to determine the maximum amplitude level within the RBW.
If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

5.5.4 Test Data

PASS.

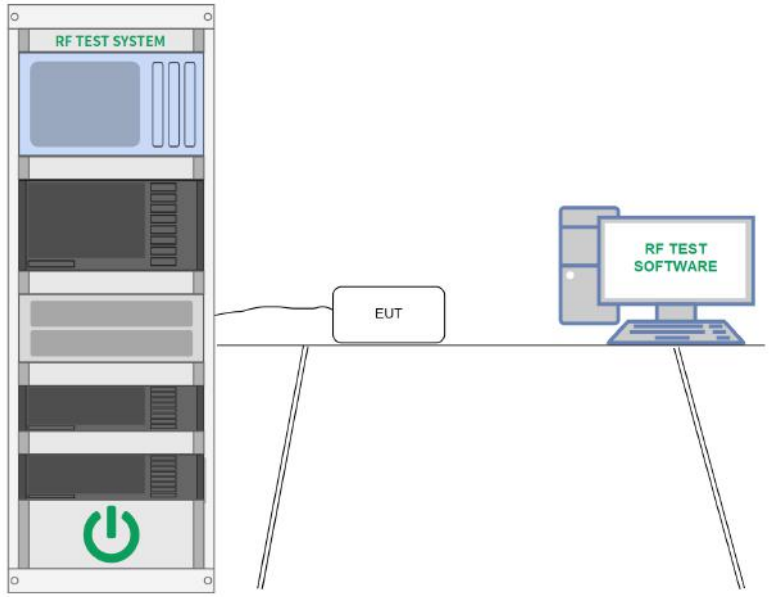
Please refer to Annex E for details.

5.6 Emissions in Non-restricted Frequency Bands (Conducted)

5.6.1 Test Requirement

Test Requirement	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required.
Test Limit	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required.
Test Method	ANSI C63.10-2020 section 11.11

5.6.2 Test Setup Diagram



5.6.3 Test Procedure

The following procedures may be used to determine the peak or average field strength or power of an unwanted emission that is within 2 MHz of the authorized band edge. If a peak detector is utilized, use the procedure described in 13.2.1. Use the procedure described in 13.2.2 when using an average detector and the EUT can be configured to transmit continuously (i.e., duty cycle ⩾ 98%). Use the procedure described in 13.2.3 when using an average detector and the EUT cannot be configured to transmit continuously but the duty cycle is constant (i.e., duty cycle variations are less than ± 2 percent). Use the procedure described in 13.2.4 when using an average detector for those cases where the EUT cannot be configured to transmit continuously and the duty cycle is not constant (duty cycle variations equal or exceed 2 percent).
When using a peak detector to measure unwanted emissions at or near the band edge (within 2 MHz of the authorized band), the following integration procedure can be used.
Set instrument center frequency to the frequency of the emission to be measured (must be within 2 MHz of the authorized band edge).
Set span to 2 MHz
RBW = 100 kHz.
VBW ⩾ 3 x RBW.
Detector = peak.
Sweep time = auto.
Trace mode = max hold.
Allow sweep to continue until the trace stabilizes (required measurement time may increase for low duty cycle applications)
Compute the power by integrating the spectrum over 1 MHz using the analyzer's band power measurement function with band limits set equal to the emission frequency (femission) ± 0.5 MHz. If the instrument does not have a band power function, then sum the amplitude levels (in power units) at 100 kHz intervals extending across the 1 MHz spectrum defined by femission ± 0.5 MHz.
Standard method(The 99% OBW of the fundamental emission is without 2 MHz of the authorized band):
Span: Wide enough to capture the peak level of the emission operating on the channel closest to the band edge, as well as any modulation products that fall outside of the authorized band of operation.
Reference level: As required to keep the signal from exceeding the maximum instrument input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2.
Attenuation: Auto (at least 10 dB preferred).
Sweep time: Coupled.
Resolution bandwidth: 100 kHz.
Video bandwidth: 300 kHz.
Detector: Peak.
Trace: Max hold.

5.6.4 Test Data

PASS.

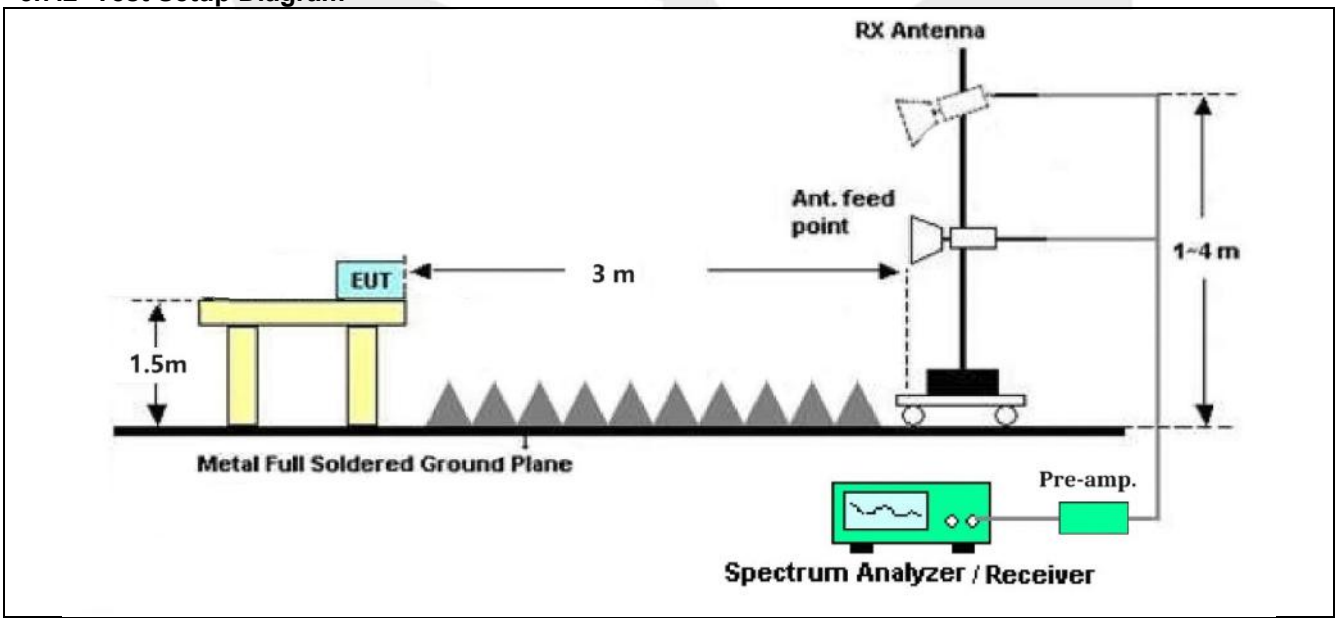
Please refer to Annex E for details.

5.7 Band edge Emissions (Restricted frequency bands)

5.7.1 Test Requirement

Test Requirement	In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).
Test Limit	Frequency (MHz) / Field strength (microvolts/meter) / Measurement distance (meters) 0.009-0.490 / 2400/F(kHz) / 300 0.490-1.705 / 24000/F(kHz) / 30 1.705-30.0 / 30 / 30 30-88 / 100 ** / 3 88-216 / 150 ** / 3 216-960 / 200 ** / 3 Above 960 / 500 / 3 ** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. Note: 1) Field Strength (dBμV/m) = 20*log[Field Strength (μV/m)]. 2) In the emission tables above, the tighter limit applies at the band edges. 3) For Above 1000 MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit. 4) For above 1000 MHz, limit field strength of harmonics: 54dBuV/m@3m (AV) and 74dBuV/m@3m (PK).
Test Method	ANSI C63.10-2020 section 11.12

5.7.2 Test Setup Diagram



5.7.3 Test Procedure

The measurement frequency range is from 9 kHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.
The power of the EUT transmitting frequency should be ignored.
All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.
Use the following spectrum analyzer settings:
Span = wide enough to fully capture the emission being measured
RBW = 1 MHz for f ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ RBW
Sweep = auto
Detector function = peak
Trace = max hold.

5.7.4 Test Data

PASS.

Please refer to the following pages.

Band Edge Emissions (Restricted frequency bands):

Test Mode: 802.11b					CH Low: 2412 MHz			
Pol.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector Type	Result
H	2310.00	44.73	-2.81	41.92	74.00	-32.08	PK	PASS
H	2390.00	48.18	-2.69	45.49	74.00	-28.51	PK	PASS
H	**2400.00	63.51	-2.68	60.83	74.00	-13.17	PK	PASS
V	2310.00	44.21	-2.81	41.40	74.00	-32.60	PK	PASS
V	2390.00	48.86	-2.69	46.17	74.00	-27.83	PK	PASS
V	**2400.00	63.38	-2.68	60.70	74.00	-13.30	PK	PASS
H	2310.00	32.41	-2.81	29.60	54.00	-24.40	AV	PASS
H	2390.00	37.39	-2.69	34.70	54.00	-19.30	AV	PASS
H	**2400.00	48.27	-2.68	45.59	54.00	-8.41	AV	PASS
V	2310.00	33.64	-2.81	30.83	54.00	-23.17	AV	PASS
V	2390.00	36.27	-2.69	33.58	54.00	-20.42	AV	PASS
V	**2400.00	46.70	-2.68	44.02	54.00	-9.98	AV	PASS

Test Mode: 802.11b					CH High: 2462 MHz			
Pol.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector Type	Result
H	**2483.50	47.16	-2.56	44.60	74.00	-29.40	PK	PASS
H	2500.00	51.22	-2.54	48.68	74.00	-25.32	PK	PASS
V	**2483.50	46.69	-2.56	44.13	74.00	-29.87	PK	PASS
V	2500.00	51.93	-2.54	49.39	74.00	-24.61	PK	PASS
H	**2483.50	36.08	-2.56	33.52	54.00	-20.48	AV	PASS
H	2500.00	42.45	-2.54	39.91	54.00	-14.09	AV	PASS
V	**2483.50	39.51	-2.56	36.95	54.00	-17.05	AV	PASS
V	2500.00	38.83	-2.54	36.29	54.00	-17.71	AV	PASS

Remark:
1. Emission Level = Reading + Factor, Margin= Emission Level – Limit.

Band Edge Emissions (Restricted frequency bands):

Test Mode: 802.11g					CH Low: 2412 MHz			
Pol.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector Type	Result
H	2310.00	45.09	-2.81	42.28	74.00	-31.72	PK	PASS
H	2390.00	46.96	-2.69	44.27	74.00	-29.73	PK	PASS
H	**2400.00	63.84	-2.68	61.16	74.00	-12.84	PK	PASS
V	2310.00	42.73	-2.81	39.92	74.00	-34.08	PK	PASS
V	2390.00	46.10	-2.69	43.41	74.00	-30.59	PK	PASS
V	**2400.00	64.95	-2.68	62.27	74.00	-11.73	PK	PASS
H	2310.00	34.59	-2.81	31.78	54.00	-22.22	AV	PASS
H	2390.00	37.18	-2.69	34.49	54.00	-19.51	AV	PASS
H	**2400.00	49.80	-2.68	47.12	54.00	-6.88	AV	PASS
V	2310.00	33.10	-2.81	30.29	54.00	-23.71	AV	PASS
V	2390.00	38.11	-2.69	35.42	54.00	-18.58	AV	PASS
V	**2400.00	49.74	-2.68	47.06	54.00	-6.94	AV	PASS

Test Mode: 802.11g					CH High: 2462 MHz			
Pol.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector Type	Result
H	**2483.50	47.54	-2.56	44.98	74.00	-29.02	PK	PASS
H	2500.00	51.86	-2.54	49.32	74.00	-24.68	PK	PASS
V	**2483.50	47.19	-2.56	44.63	74.00	-29.37	PK	PASS
V	2500.00	49.66	-2.54	47.12	74.00	-26.88	PK	PASS
H	**2483.50	36.51	-2.56	33.95	54.00	-20.05	AV	PASS
H	2500.00	40.44	-2.54	37.90	54.00	-16.10	AV	PASS
V	**2483.50	39.67	-2.56	37.11	54.00	-16.89	AV	PASS
V	2500.00	40.18	-2.54	37.64	54.00	-16.36	AV	PASS

Remark:
1. Emission Level = Reading + Factor, Margin= Emission Level – Limit.

Band Edge Emissions (Restricted frequency bands):

Test Mode: 802.11n(HT20)					CH Low: 2412 MHz			
Pol.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector Type	Result
H	2310.00	45.54	-2.81	42.73	74.00	-31.27	PK	PASS
H	2390.00	47.85	-2.69	45.16	74.00	-28.84	PK	PASS
H	**2400.00	62.23	-2.68	59.55	74.00	-14.45	PK	PASS
V	2310.00	45.55	-2.81	42.74	74.00	-31.26	PK	PASS
V	2390.00	48.06	-2.69	45.37	74.00	-28.63	PK	PASS
V	**2400.00	64.77	-2.68	62.09	74.00	-11.91	PK	PASS
H	2310.00	35.20	-2.81	32.39	54.00	-21.61	AV	PASS
H	2390.00	35.42	-2.69	32.73	54.00	-21.27	AV	PASS
H	**2400.00	48.32	-2.68	45.64	54.00	-8.36	AV	PASS
V	2310.00	34.85	-2.81	32.04	54.00	-21.96	AV	PASS
V	2390.00	35.12	-2.69	32.43	54.00	-21.57	AV	PASS
V	**2400.00	47.72	-2.68	45.04	54.00	-8.96	AV	PASS

Test Mode: 802.11n(HT20)					CH High: 2462 MHz			
Pol.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector Type	Result
H	**2483.50	49.11	-2.56	46.55	74.00	-27.45	PK	PASS
H	2500.00	51.84	-2.54	49.30	74.00	-24.70	PK	PASS
V	**2483.50	47.52	-2.56	44.96	74.00	-29.04	PK	PASS
V	2500.00	49.78	-2.54	47.24	74.00	-26.76	PK	PASS
H	**2483.50	37.50	-2.56	34.94	54.00	-19.06	AV	PASS
H	2500.00	41.09	-2.54	38.55	54.00	-15.45	AV	PASS
V	**2483.50	39.38	-2.56	36.82	54.00	-17.18	AV	PASS
V	2500.00	39.66	-2.54	37.12	54.00	-16.88	AV	PASS

Remark:
1. Emission Level = Reading + Factor, Margin= Emission Level – Limit.

5.8 Radiated Spurious Emissions

5.8.1 Test Requirement

<table>
<tr><td>Test Requirement</td><td>In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).</td></tr>
<tr><td>Test Limit</td><td>
<table>
<tr><th>Frequency (MHz)</th><th>Field strength (microvolts/meter)</th><th>Measurement distance (meters)</th></tr>
<tr><td>0.009-0.490</td><td>2400/F(kHz)</td><td>300</td></tr>
<tr><td>0.490-1.705</td><td>24000/F(kHz)</td><td>30</td></tr>
<tr><td>1.705-30.0</td><td>30</td><td>30</td></tr>
<tr><td>30-88</td><td>100 **</td><td>3</td></tr>
<tr><td>88-216</td><td>150 **</td><td>3</td></tr>
<tr><td>216-960</td><td>200 **</td><td>3</td></tr>
<tr><td>Above 960</td><td>500</td><td>3</td></tr>
</table>
** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.
Note:
1) Field Strength (dBμV/m) = 20*log[Field Strength (μV/m)].
2) In the emission tables above, the tighter limit applies at the band edges.
3) For Above 1000 MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.
4) For above 1000 MHz, limit field strength of harmonics: 54dBuV/m@3m (AV) and 74dBuV/m@3m (PK).</td></tr>
<tr><td>Test Method</td><td>ANSI C63.10-2020 section 6.6.4</td></tr>
</table>

5.8.2 Test Setup Diagram

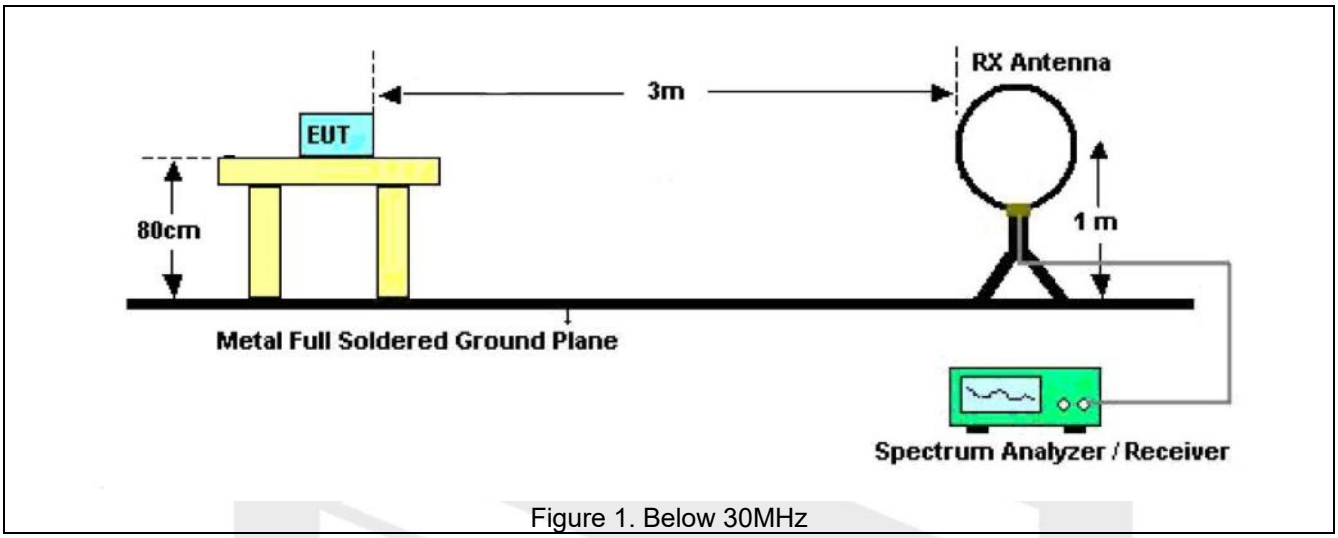


Figure 1. Below 30MHz

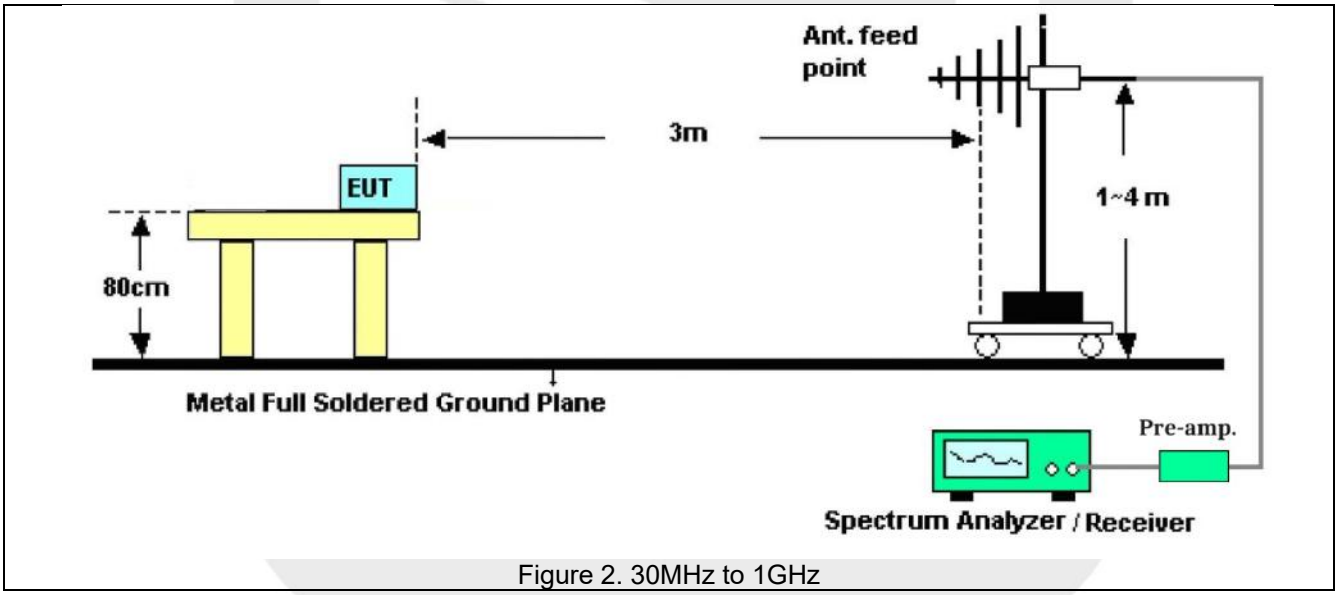


Figure 2. 30MHz to 1GHz

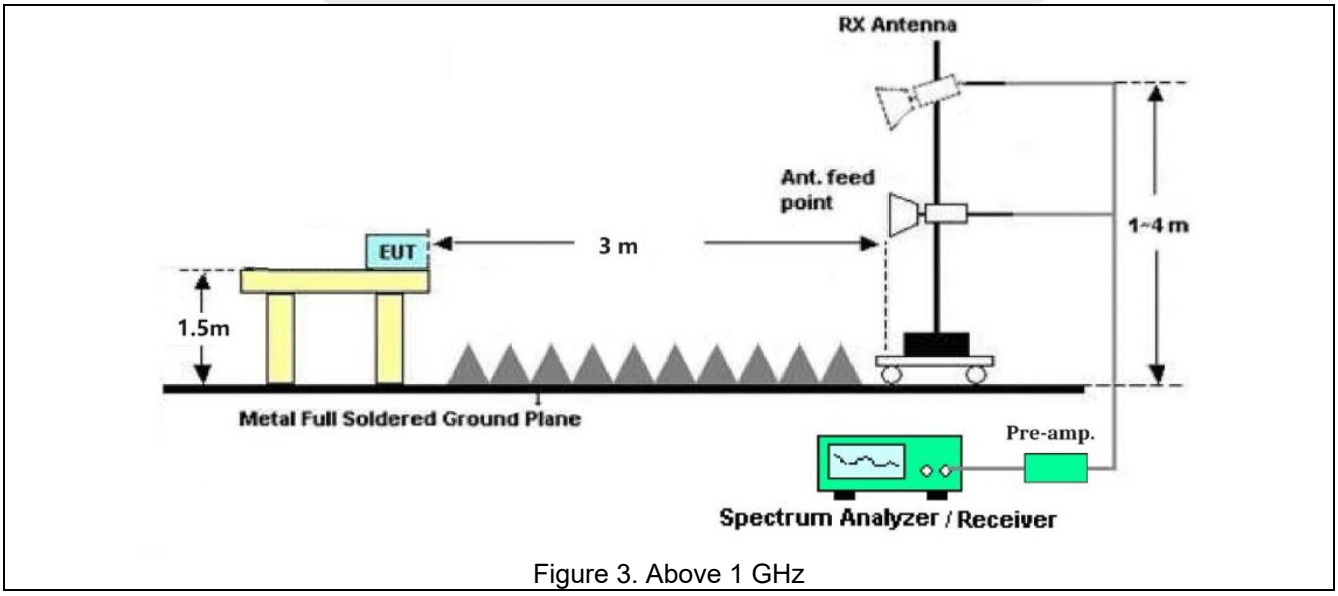


Figure 3. Above 1 GHz

5.8.3 Test Procedure

The measurement frequency range is from 9 kHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power.
Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.
The power of the EUT transmitting frequency should be ignored.
All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.
Use the following spectrum analyzer settings:
Span = wide enough to fully capture the emission being measured
For 9kHz to 150kHz, Set the spectrum analyzer as:
RBW = 200Hz, VBW =1kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 150kHz to 30MHz, Set the spectrum analyzer as:
RBW = 9KHz, VBW =30kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 30MHz to 1000MHz, Set the spectrum analyzer as:
RBW = 100kHz, VBW =300kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For above 1GHz, Set the spectrum analyzer as:
RBW =1MHz, VBW =1MHz, Detector= Peak, Trace mode= Max hold, Sweep- auto couple.
RBW =1MHz, VBW =10Hz, Detector= Average, Trace mode= Max hold, Sweep- auto couple.

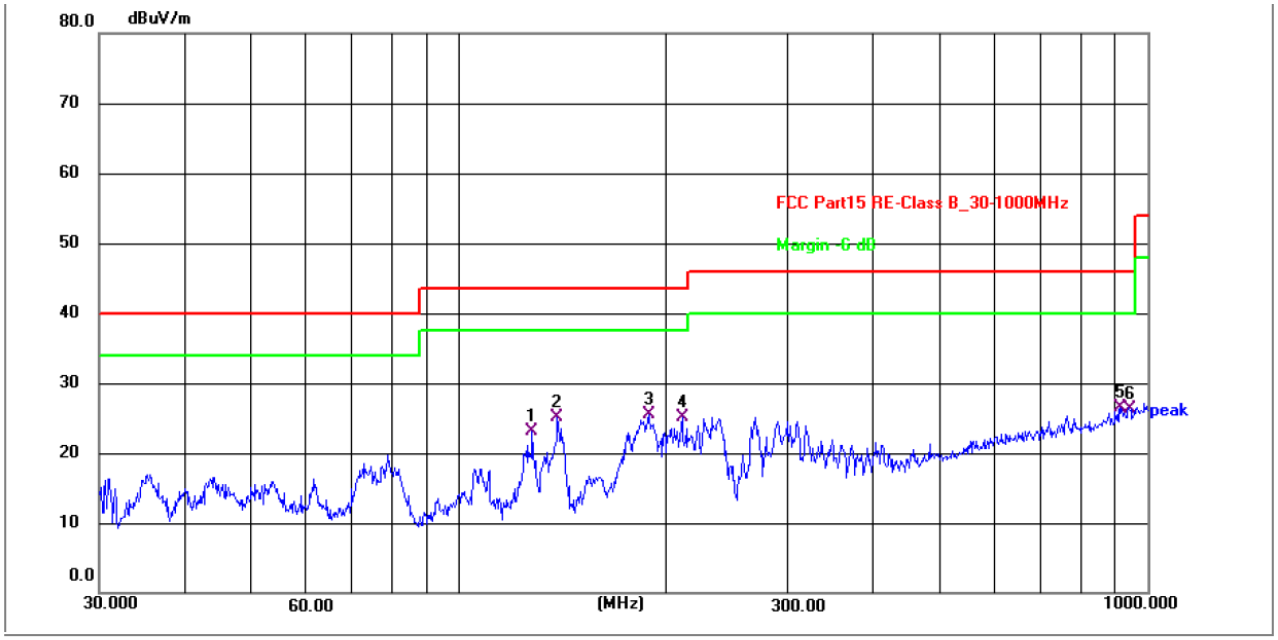
For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported, Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

5.8.4 Test Data

PASS.
Please to see the following pages.
The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.
For test of 30MHz-1GHz, during the test, pre-scan all modes, only the worst case is recorded in the report.
For test of 1GHz-25GHz, during the test, pre-scan all modes, and found the 802.11n(HT20) is worse case, the report only record this mode.

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Horizontal**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H619E**		

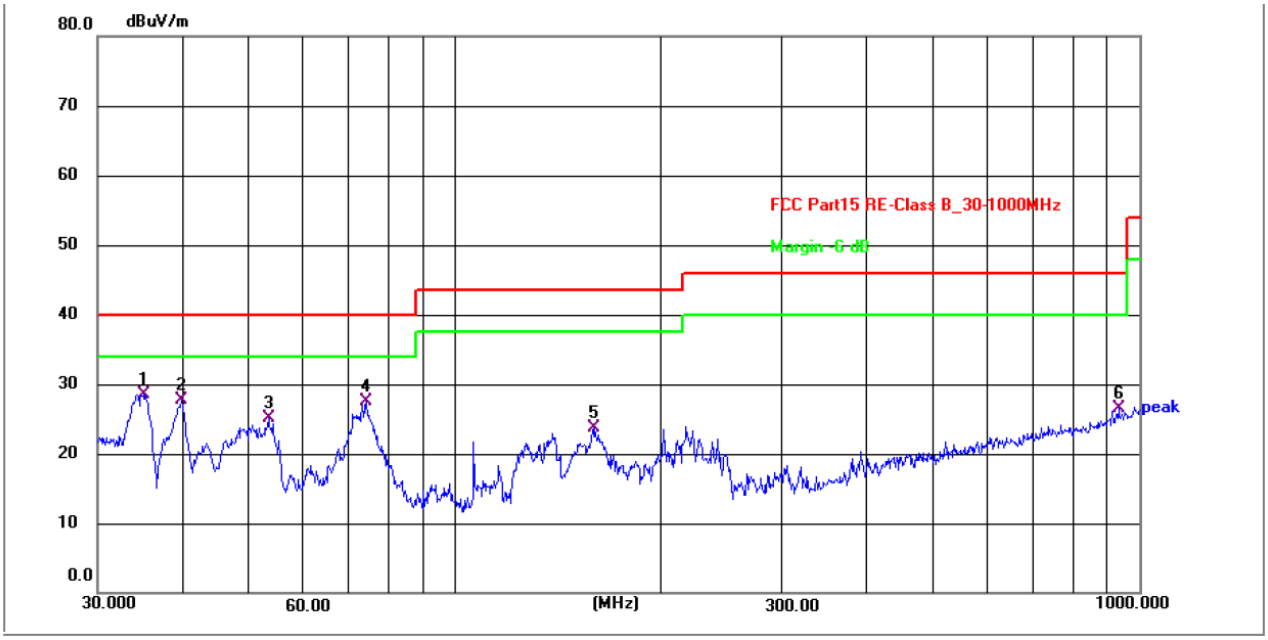


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	127.6645	40.56	-17.37	23.19	43.50	-20.31	QP	P	
2	138.8735	43.17	-18.04	25.13	43.50	-18.37	QP	P	
3 *	188.4125	41.46	-15.90	25.56	43.50	-17.94	QP	P	
4	210.7860	39.79	-14.69	25.10	43.50	-18.40	QP	P	
5	912.8620	28.48	-1.90	26.58	46.00	-19.42	QP	P	
6	945.4399	27.61	-1.36	26.25	46.00	-19.75	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Vertical**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H619E**		

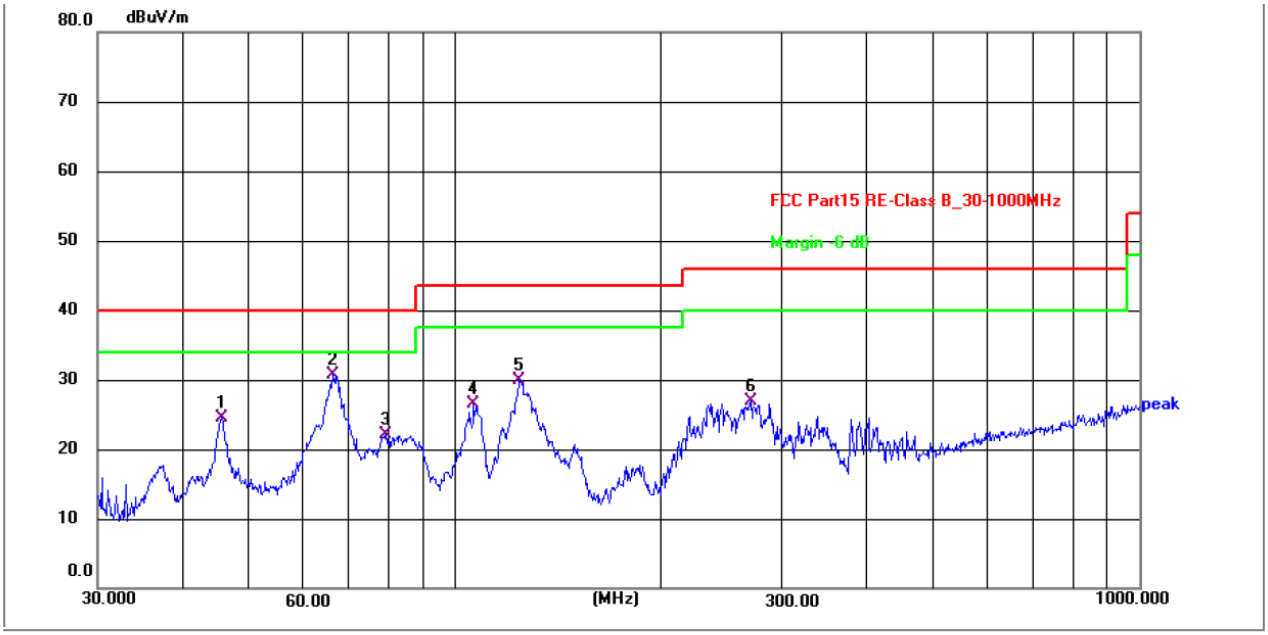


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	35.0048	45.33	-16.82	28.51	40.00	-11.49	QP	P	
2	39.8542	42.92	-15.25	27.67	40.00	-12.33	QP	P	
3	53.3180	39.55	-14.40	25.15	40.00	-14.85	QP	P	
4	74.1351	46.39	-18.94	27.45	40.00	-12.55	QP	P	
5	159.7844	41.60	-17.98	23.62	43.50	-19.88	QP	P	
6	932.2715	28.27	-1.81	26.46	46.00	-19.54	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Horizontal**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H619A**		

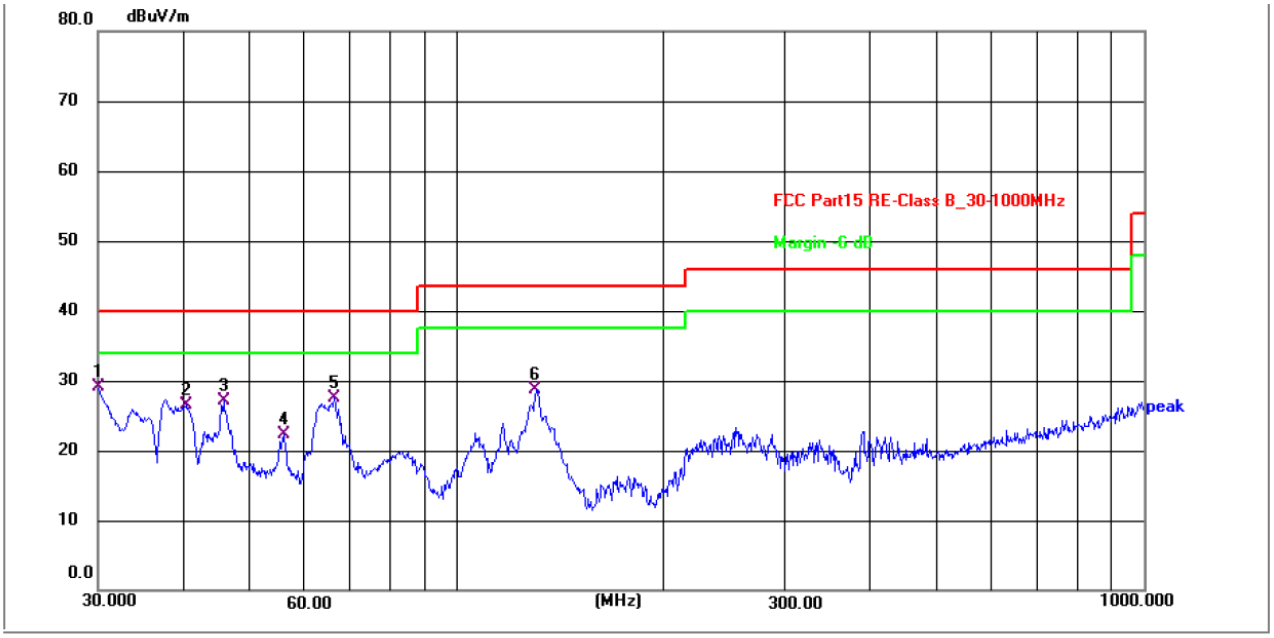


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	45.5348	38.79	-14.23	24.56	40.00	-15.44	QP	P	
2 *	66.2662	47.34	-16.64	30.70	40.00	-9.30	QP	P	
3	79.2426	41.78	-19.59	22.19	40.00	-17.81	QP	P	
4	106.3850	42.57	-16.10	26.47	43.50	-17.03	QP	P	
5	123.6985	47.13	-17.14	29.99	43.50	-13.51	QP	P	
6	270.3748	39.62	-12.78	26.84	46.00	-19.16	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Vertical**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H619A**		

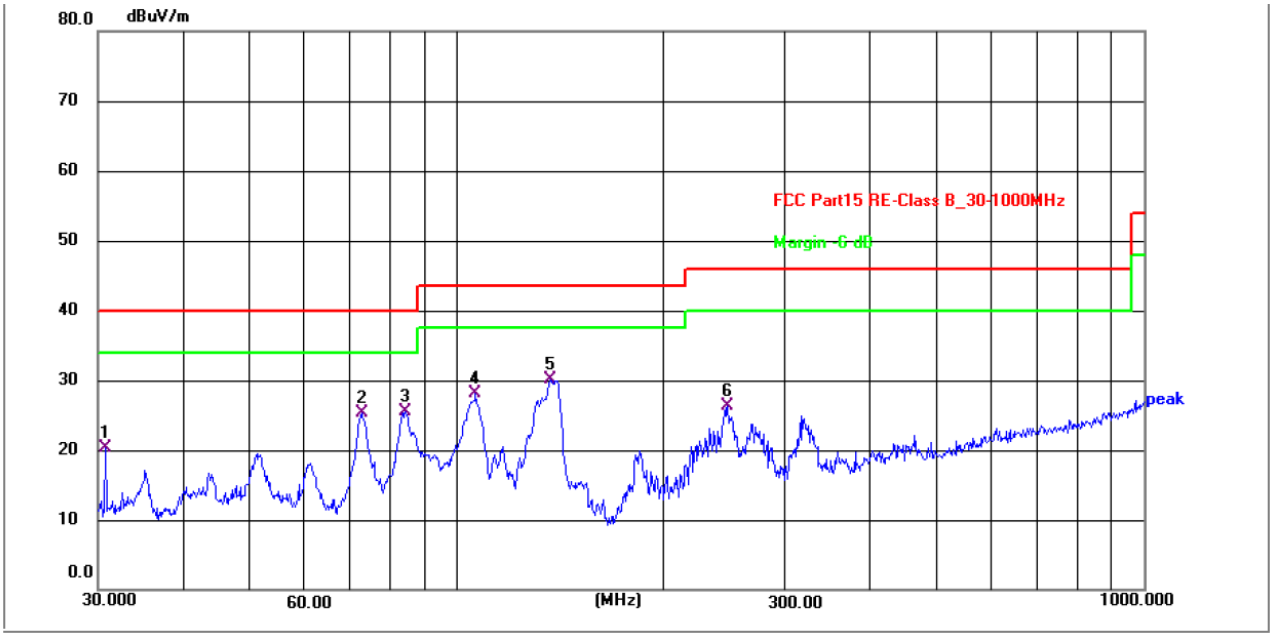


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	30.0000	46.12	-16.94	29.18	40.00	-10.82	QP	P	
2	40.2757	41.66	-15.16	26.50	40.00	-13.50	QP	P	
3	45.6948	41.27	-14.23	27.04	40.00	-12.96	QP	P	
4	56.0007	36.99	-14.70	22.29	40.00	-17.71	QP	P	
5	66.2662	44.17	-16.64	27.53	40.00	-12.47	QP	P	
6	130.3789	46.31	-17.54	28.77	43.50	-14.73	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Horizontal**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H619B**		

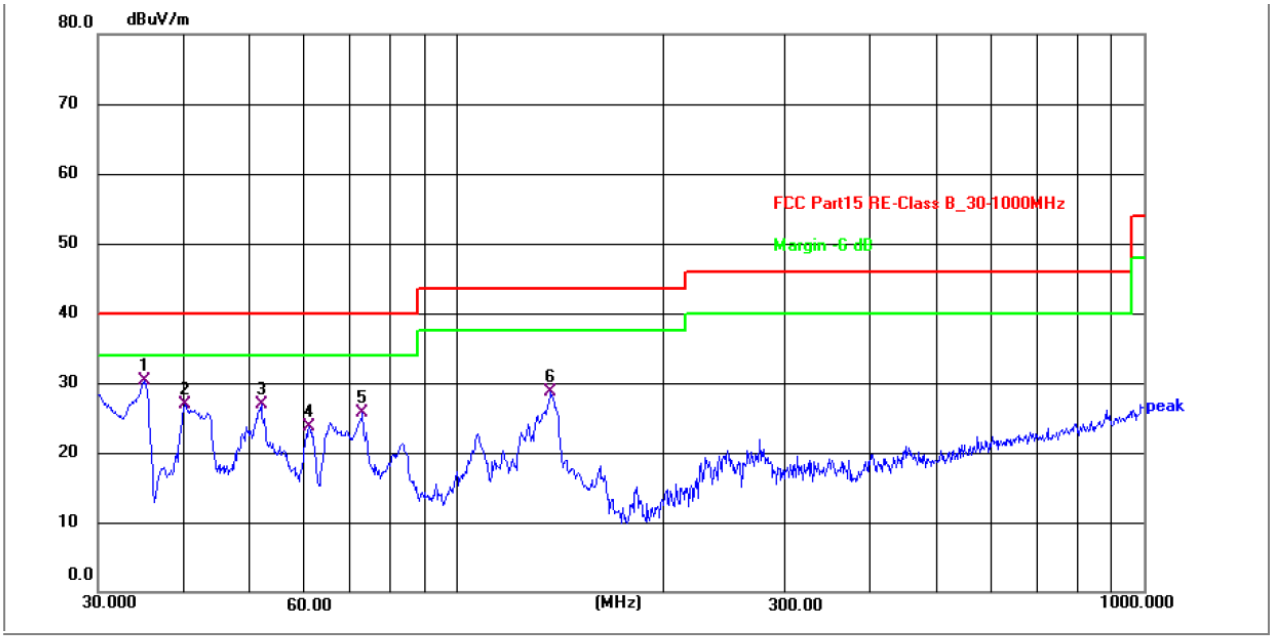


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	30.7455	37.22	-16.93	20.29	40.00	-19.71	QP	P	
2	72.5916	43.83	-18.59	25.24	40.00	-14.76	QP	P	
3	84.1100	44.33	-18.90	25.43	40.00	-14.57	QP	P	
4	106.3850	44.21	-16.10	28.11	43.50	-15.39	QP	P	
5 *	136.4598	48.08	-17.89	30.19	43.50	-13.31	QP	P	
6	247.6819	39.61	-13.40	26.21	46.00	-19.79	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Vertical**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H619B**		

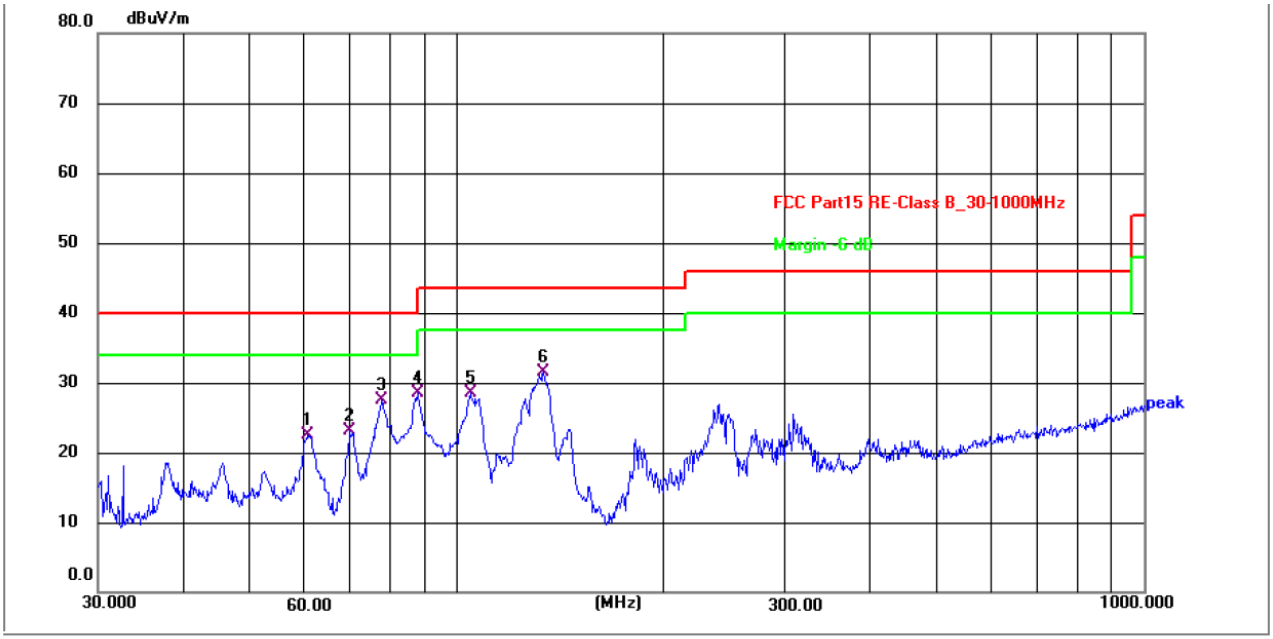


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	35.0048	47.19	-16.82	30.37	40.00	-9.63	QP	P	
2	40.1347	42.04	-15.19	26.85	40.00	-13.15	QP	P	
3	51.8430	41.21	-14.30	26.91	40.00	-13.09	QP	P	
4	60.9176	39.26	-15.59	23.67	40.00	-16.33	QP	P	
5	72.8466	44.28	-18.65	25.63	40.00	-14.37	QP	P	
6	136.9391	46.64	-17.92	28.72	43.50	-14.78	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Horizontal**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H619C**		

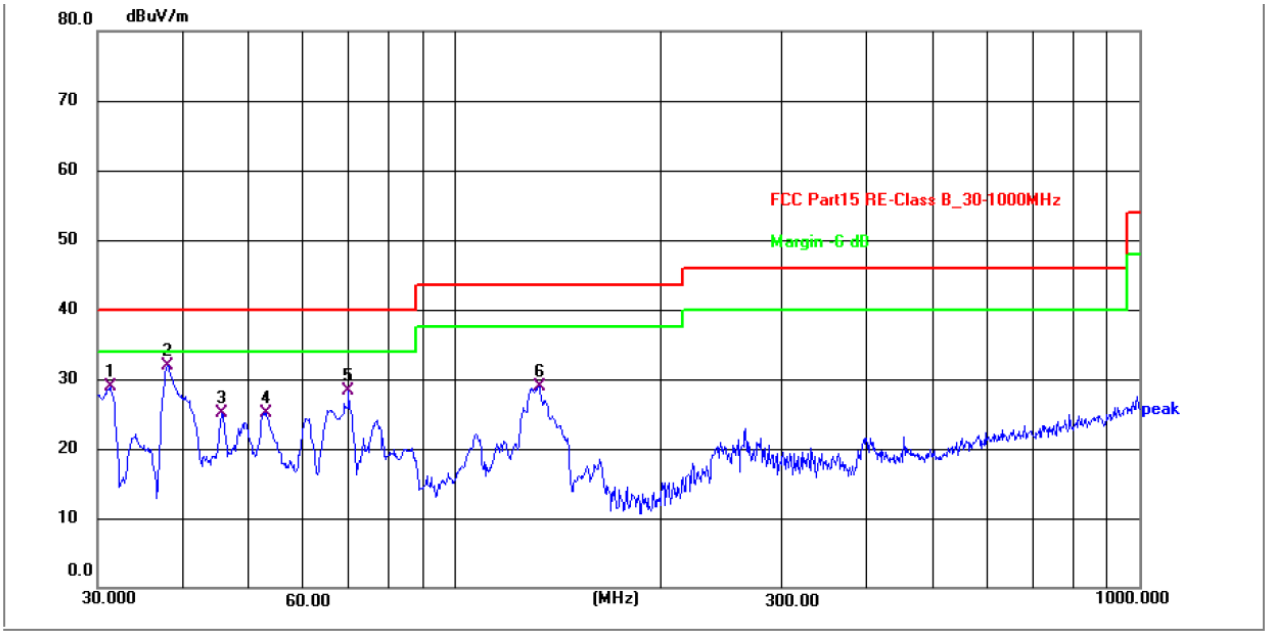


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	60.4918	38.06	-15.52	22.54	40.00	-17.46	QP	P	
2	69.6004	40.96	-17.87	23.09	40.00	-16.91	QP	P	
3	77.5927	46.92	-19.41	27.51	40.00	-12.49	QP	P	
4 *	87.7246	46.61	-18.02	28.59	40.00	-11.41	QP	P	
5	104.5360	44.42	-16.00	28.42	43.50	-15.08	QP	P	
6	133.6188	49.18	-17.73	31.45	43.50	-12.05	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Vertical**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H619C**		

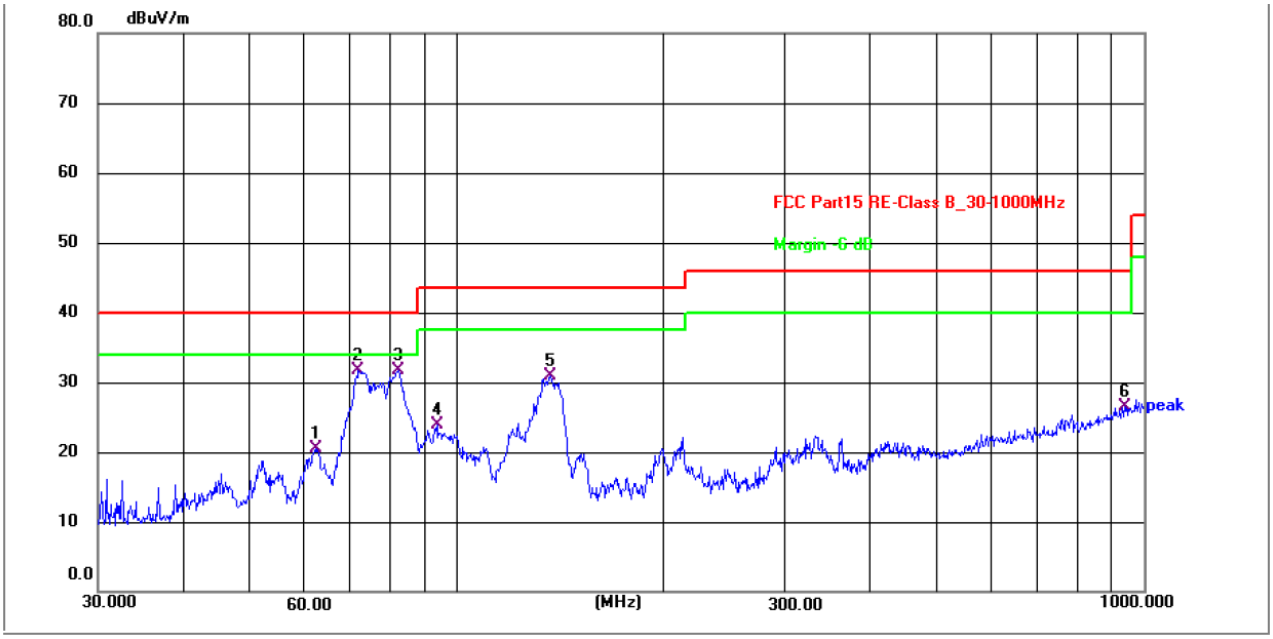


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	31.2893	45.84	-16.90	28.94	40.00	-11.06	QP	P	
2 *	37.9450	47.74	-15.87	31.87	40.00	-8.13	QP	P	
3	45.5348	39.38	-14.23	25.15	40.00	-14.85	QP	P	
4	52.9453	39.49	-14.37	25.12	40.00	-14.88	QP	P	
5	69.8450	46.25	-17.95	28.30	40.00	-11.70	QP	P	
6	132.6850	46.61	-17.66	28.95	43.50	-14.55	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Horizontal**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H619D**		

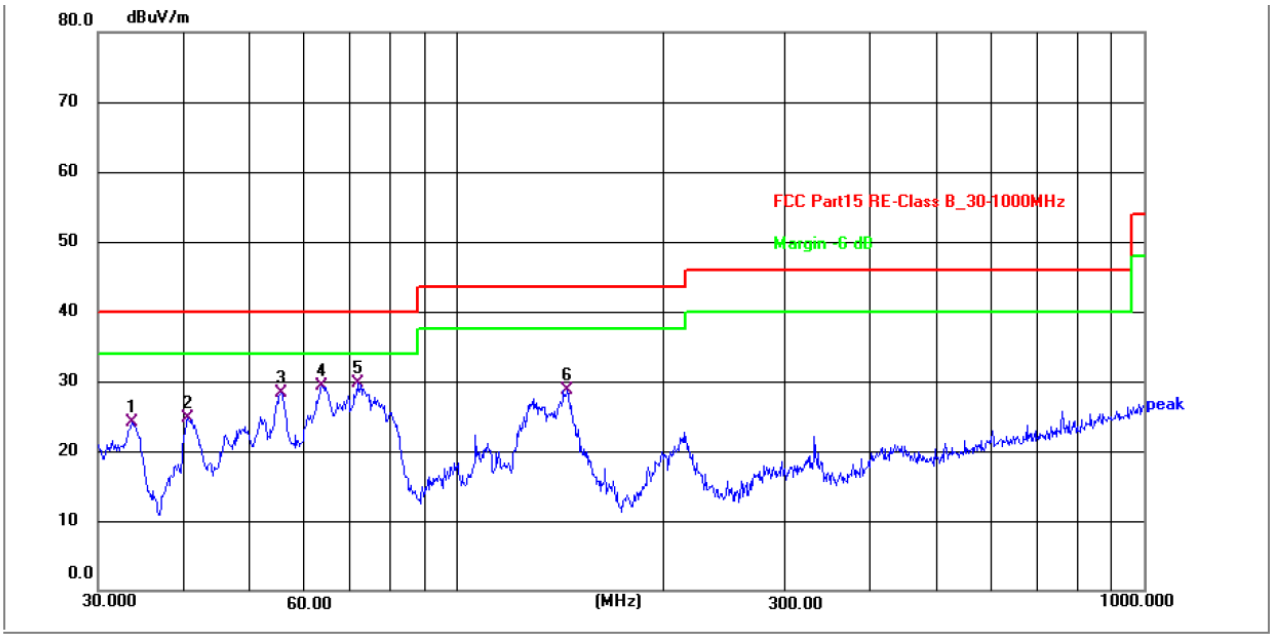


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	62.2128	36.23	-15.77	20.46	40.00	-19.54	QP	P	
2	71.8320	50.03	-18.42	31.61	40.00	-8.39	QP	P	
3 *	82.0706	51.03	-19.29	31.74	40.00	-8.26	QP	P	
4	93.4402	40.75	-16.93	23.82	43.50	-19.68	QP	P	
5	136.9391	48.77	-17.92	30.85	43.50	-12.65	QP	P	
6	938.8326	27.91	-1.47	26.44	46.00	-19.56	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Vertical**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H619D**		

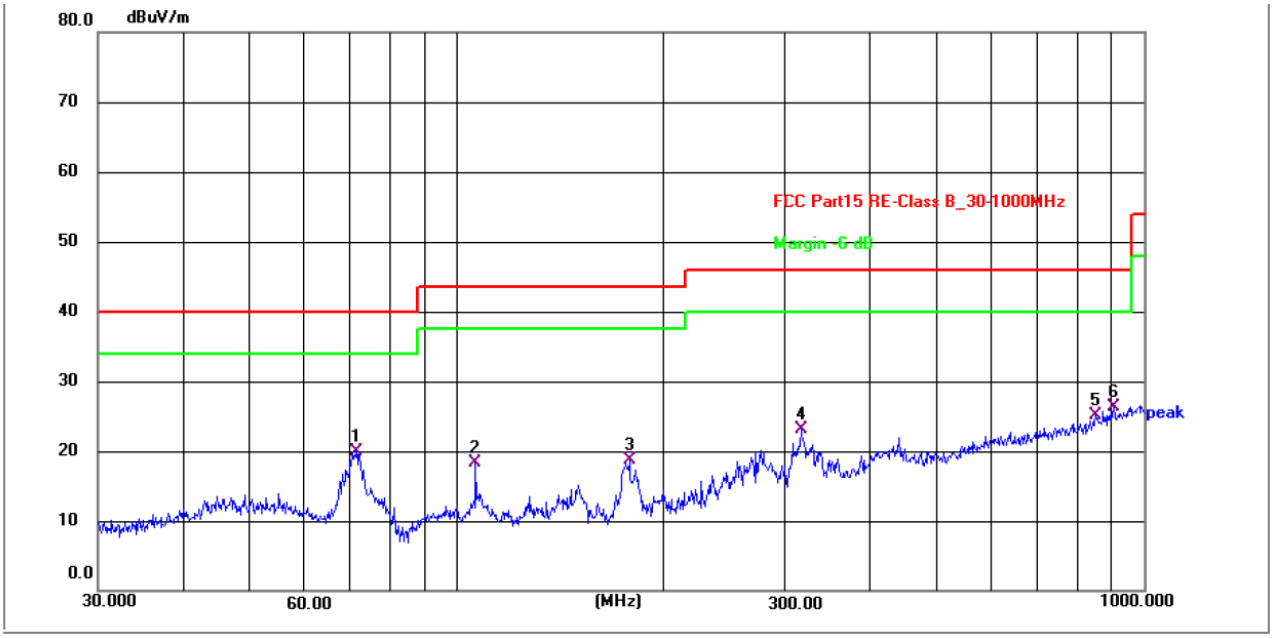


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	33.5624	40.97	-16.86	24.11	40.00	-15.89	QP	P	
2	40.5591	39.74	-15.10	24.64	40.00	-15.36	QP	P	
3	55.4147	42.90	-14.59	28.31	40.00	-11.69	QP	P	
4	63.5356	45.19	-15.97	29.22	40.00	-10.78	QP	P	
5 *	71.5806	48.13	-18.37	29.76	40.00	-10.24	QP	P	
6	144.8418	47.14	-18.39	28.75	43.50	-14.75	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Horizontal**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H619Z**		

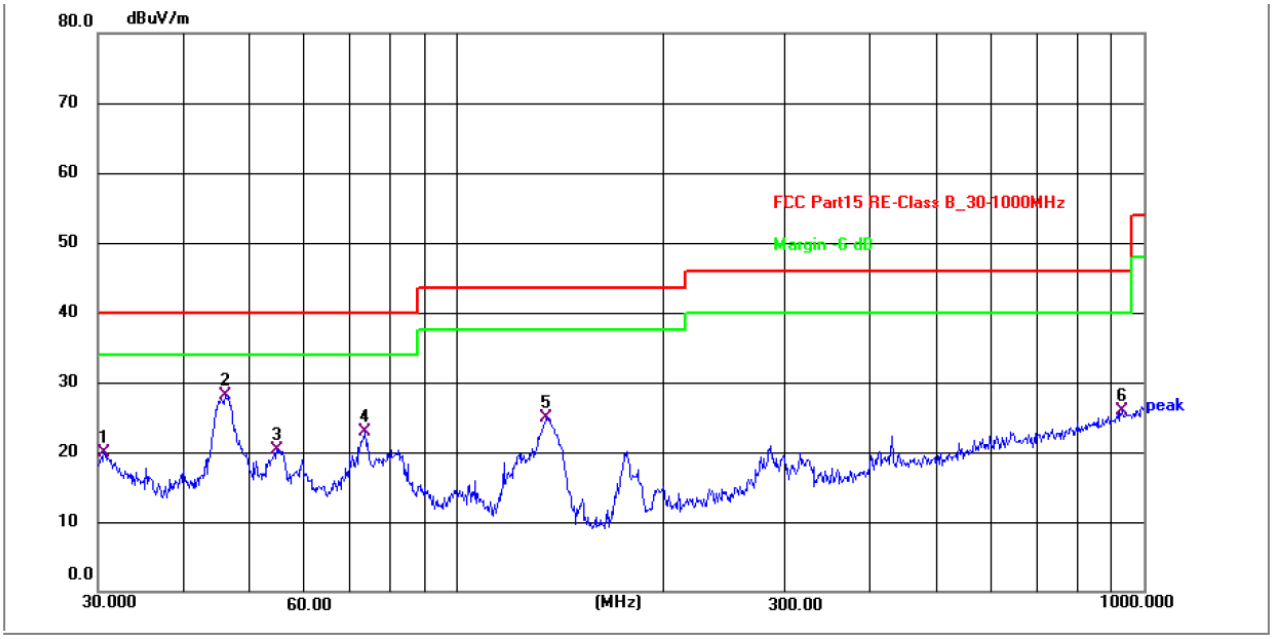


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	71.3300	38.31	-18.31	20.00	40.00	-20.00	QP	P	
2	106.3850	34.44	-16.10	18.34	43.50	-25.16	QP	P	
3	178.1327	35.31	-16.65	18.66	43.50	-24.84	QP	P	
4	316.5890	34.73	-11.63	23.10	46.00	-22.90	QP	P	
5	851.0353	28.06	-2.97	25.09	46.00	-20.91	QP	P	
6 *	903.3094	28.37	-2.05	26.32	46.00	-19.68	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Vertical**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H619Z**		

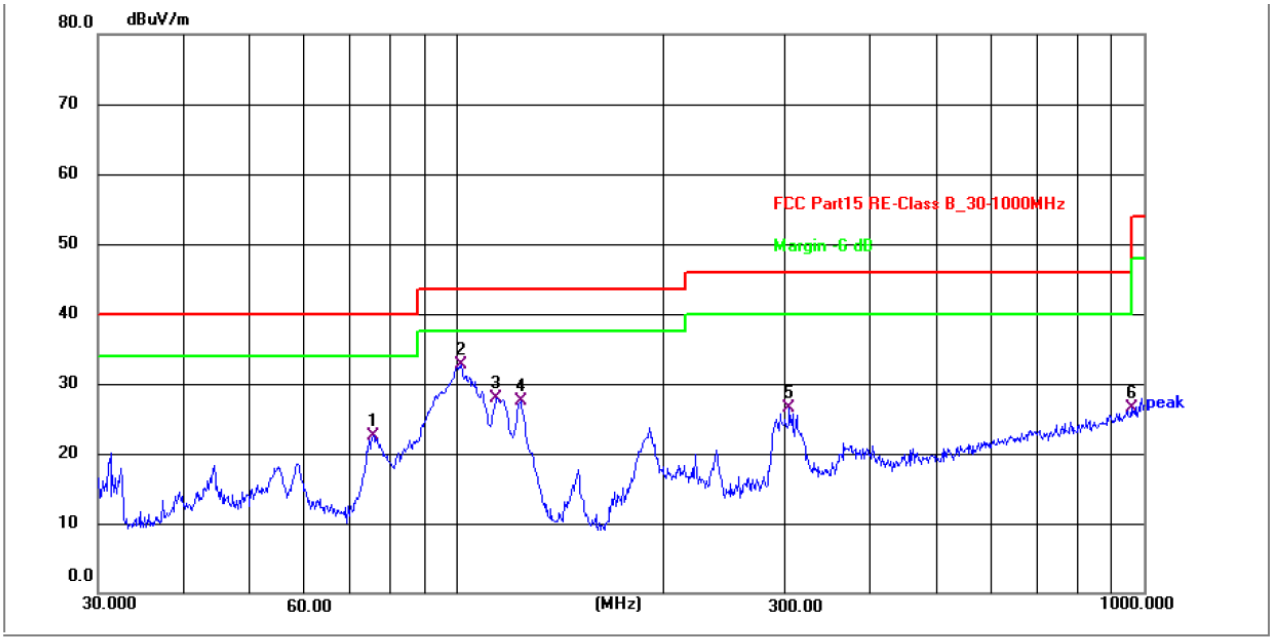


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	30.6379	36.77	-16.93	19.84	40.00	-20.16	QP	P	
2 *	46.0164	42.39	-14.22	28.17	40.00	-11.83	QP	P	
3	54.6429	34.81	-14.48	20.33	40.00	-19.67	QP	P	
4	73.3593	41.71	-18.77	22.94	40.00	-17.06	QP	P	
5	135.0319	42.68	-17.81	24.87	43.50	-18.63	QP	P	
6	929.0082	27.84	-1.86	25.98	46.00	-20.02	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Horizontal**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H6168**		

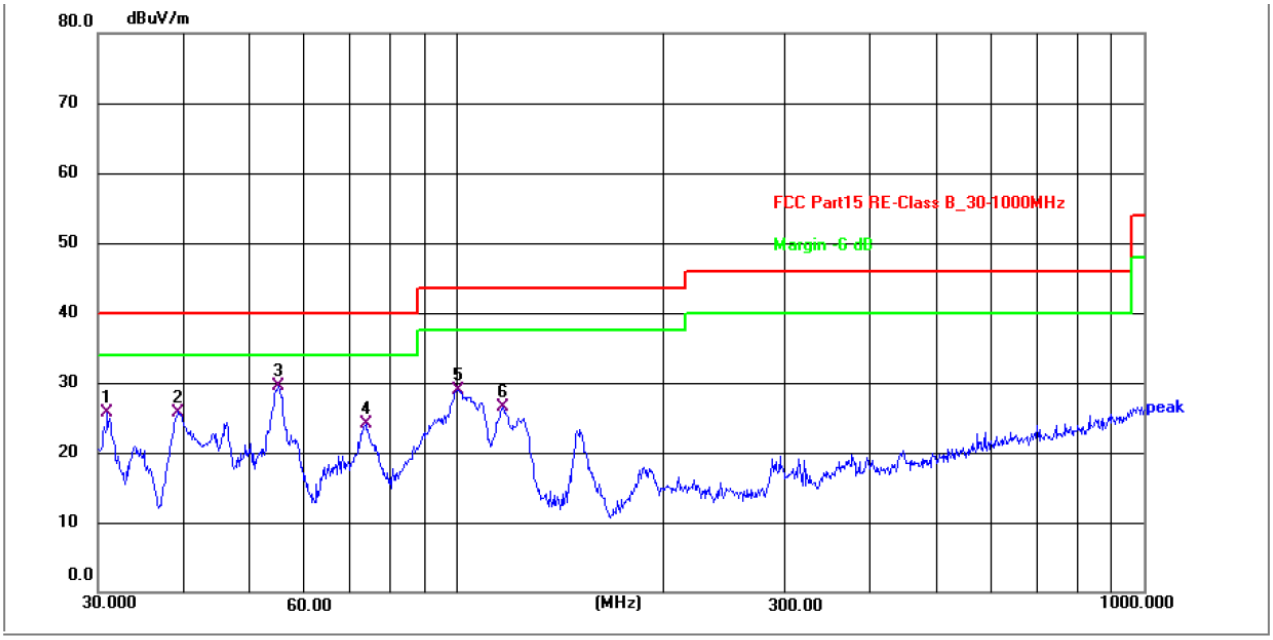


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	75.4464	41.72	-19.18	22.54	40.00	-17.46	QP	P	
2 *	101.2885	48.52	-15.81	32.71	43.50	-10.79	QP	P	
3	114.1138	44.47	-16.57	27.90	43.50	-15.60	QP	P	
4	123.6985	44.68	-17.14	27.54	43.50	-15.96	QP	P	
5	304.6099	38.46	-11.89	26.57	46.00	-19.43	QP	P	
6	958.7943	27.60	-1.16	26.44	46.00	-19.56	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Vertical**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H6168**		

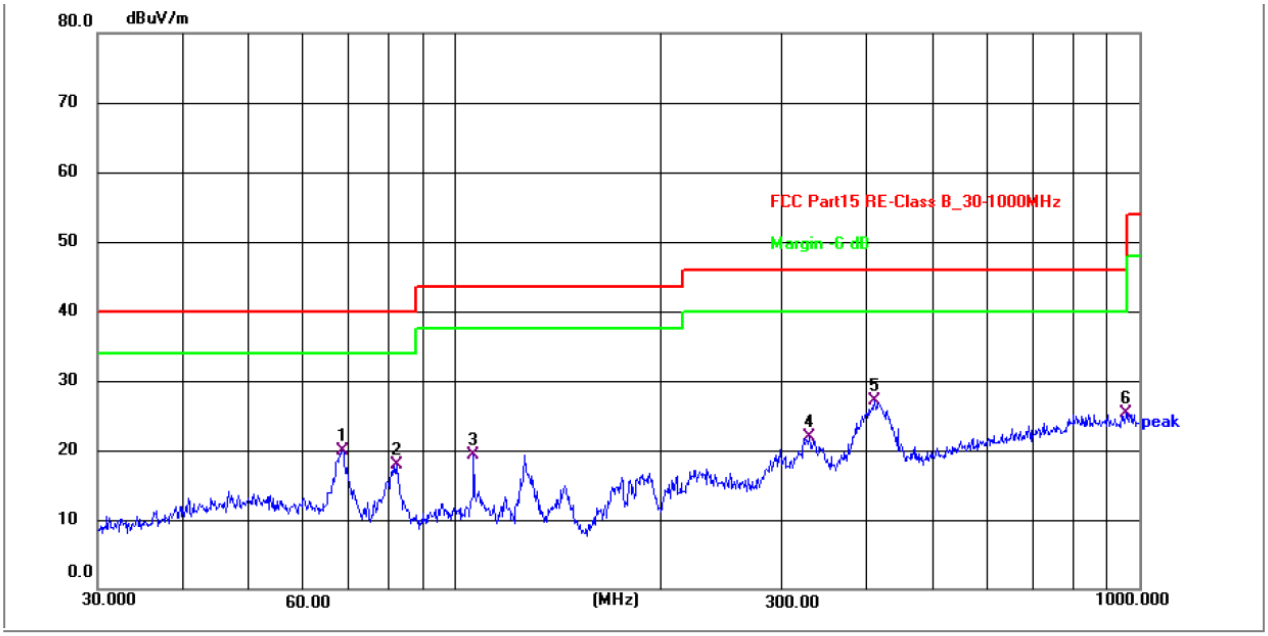


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	30.9619	42.59	-16.91	25.68	40.00	-14.32	QP	P	
2	39.2991	41.22	-15.42	25.80	40.00	-14.20	QP	P	
3 *	55.0274	44.00	-14.52	29.48	40.00	-10.52	QP	P	
4	73.6170	43.03	-18.83	24.20	40.00	-15.80	QP	P	
5	100.5806	44.73	-15.77	28.96	43.50	-14.54	QP	P	
6	116.5401	43.27	-16.71	26.56	43.50	-16.94	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Horizontal**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H618A**		

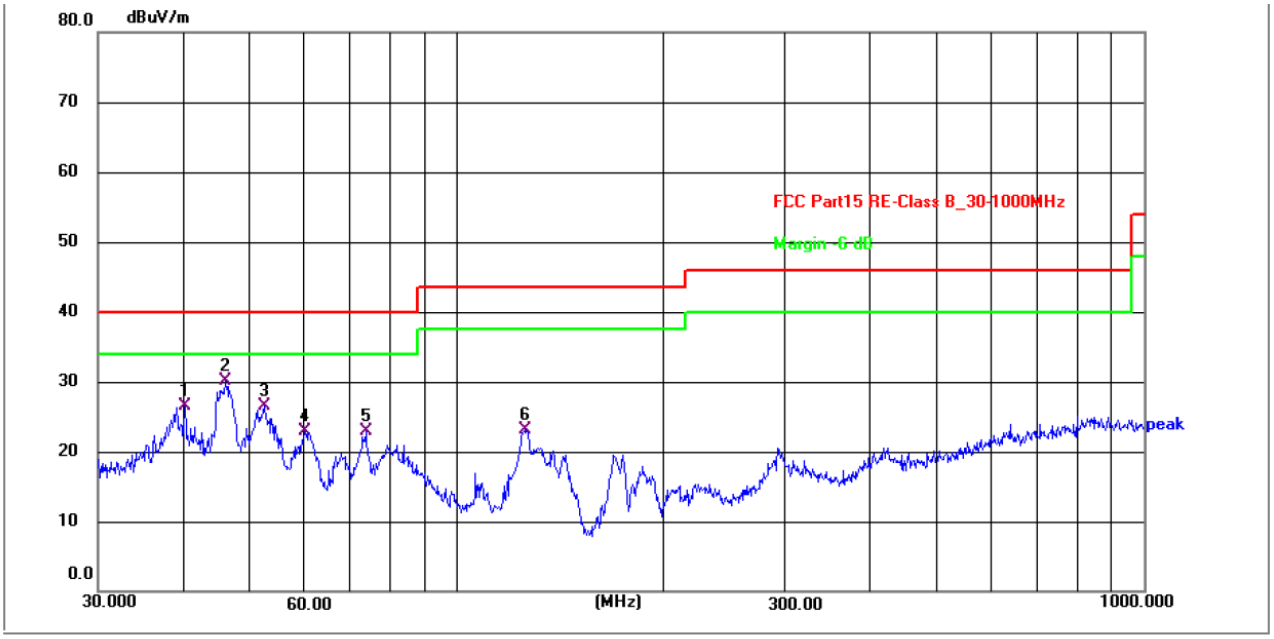


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	68.3908	37.42	-17.42	20.00	40.00	-20.00	QP	P	
2	82.0706	37.12	-19.29	17.83	40.00	-22.17	QP	P	
3	106.3850	35.46	-16.10	19.36	43.50	-24.14	QP	P	
4	329.0390	33.32	-11.36	21.96	46.00	-24.04	QP	P	
5 *	410.3825	36.81	-9.75	27.06	46.00	-18.94	QP	P	
6	955.4381	26.56	-1.21	25.35	46.00	-20.65	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Vertical**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H618A**		

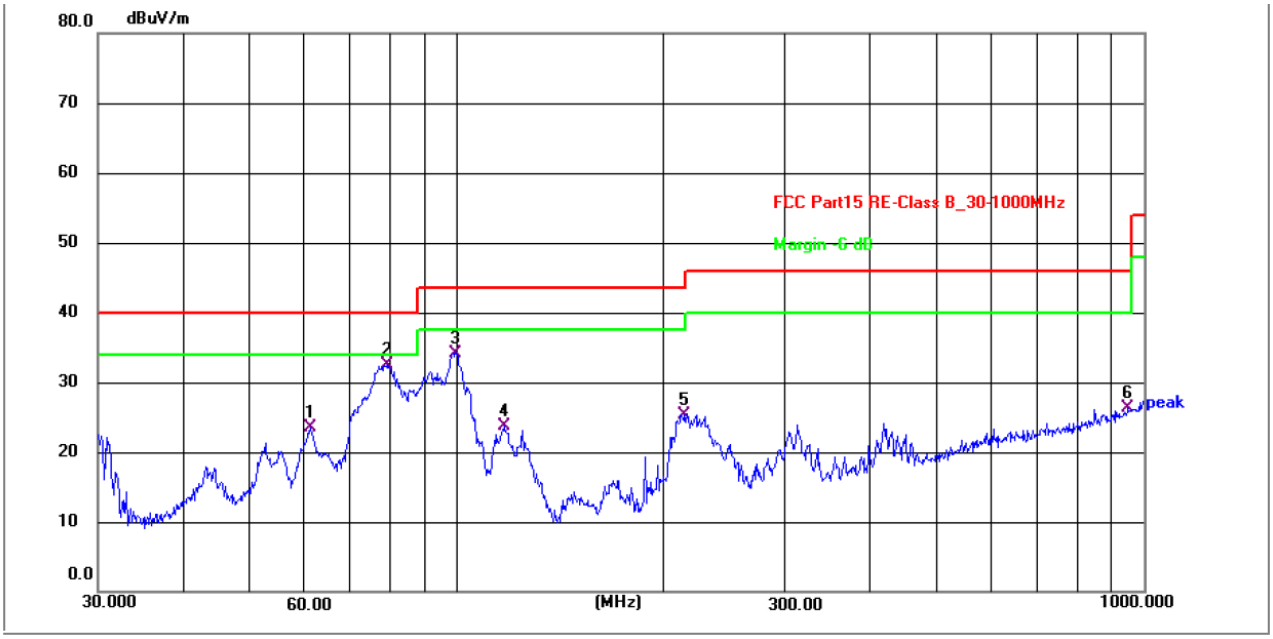


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	40.1347	41.61	-15.19	26.42	40.00	-13.58	QP	P	
2 *	46.0164	44.23	-14.22	30.01	40.00	-9.99	QP	P	
3	52.3912	40.79	-14.33	26.46	40.00	-13.54	QP	P	
4	60.0691	38.39	-15.46	22.93	40.00	-17.07	QP	P	
5	73.6170	41.68	-18.83	22.85	40.00	-17.15	QP	P	
6	125.8864	40.27	-17.26	23.01	43.50	-20.49	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Horizontal**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H618C**		

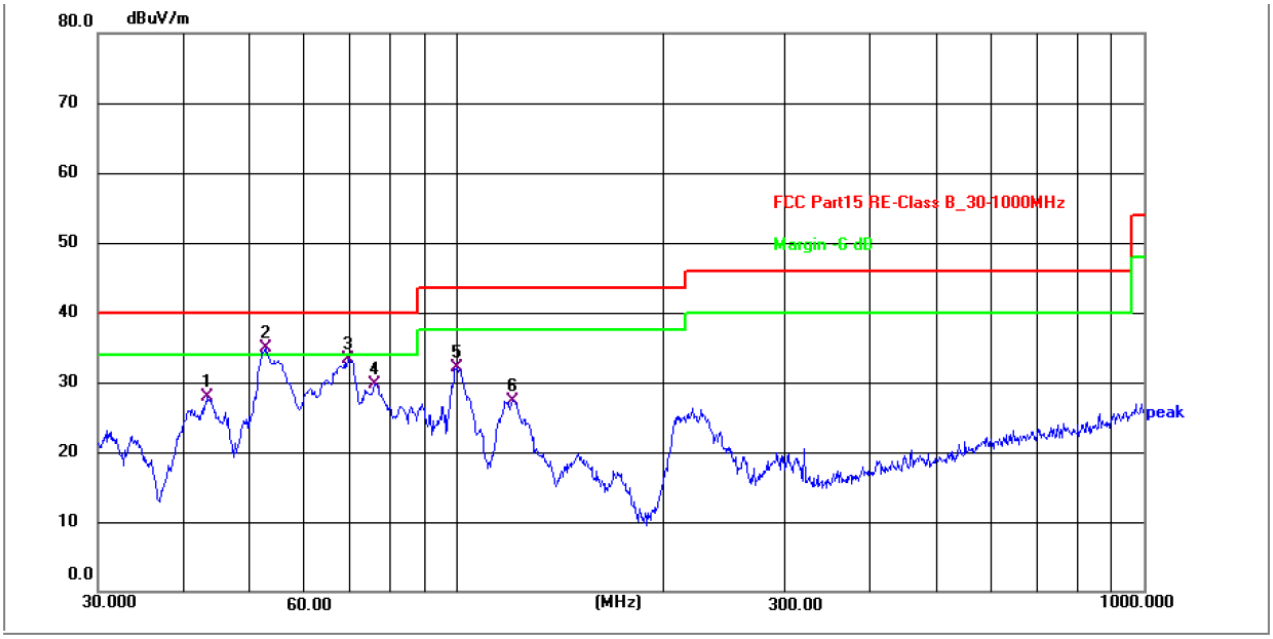


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	61.1316	39.05	-15.61	23.44	40.00	-16.56	QP	P	
2 *	78.9652	52.00	-19.56	32.44	40.00	-7.56	QP	P	
3	99.5281	50.02	-15.82	34.20	43.50	-9.30	QP	P	
4	117.3603	40.38	-16.76	23.62	43.50	-19.88	QP	P	
5	213.7634	39.94	-14.58	25.36	43.50	-18.14	QP	P	
6	948.7610	27.67	-1.30	26.37	46.00	-19.63	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Vertical**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H618C**		

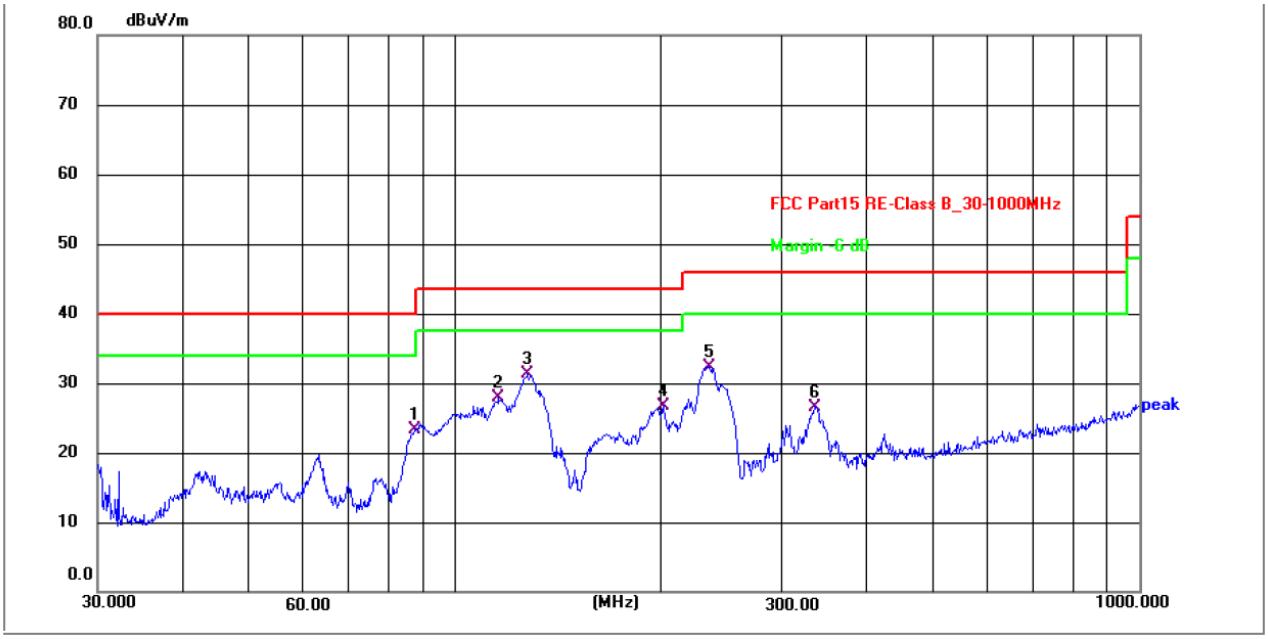


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	43.3534	42.37	-14.56	27.81	40.00	-12.19	QP	P	
2 *	52.5753	49.19	-14.35	34.84	40.00	-5.16	QP	P	
3	69.3568	50.99	-17.78	33.21	40.00	-6.79	QP	P	
4	75.7114	48.99	-19.22	29.77	40.00	-10.23	QP	P	
5	99.8777	47.80	-15.75	32.05	43.50	-11.45	QP	P	
6	120.2766	44.29	-16.94	27.35	43.50	-16.15	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Horizontal**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H618E**		

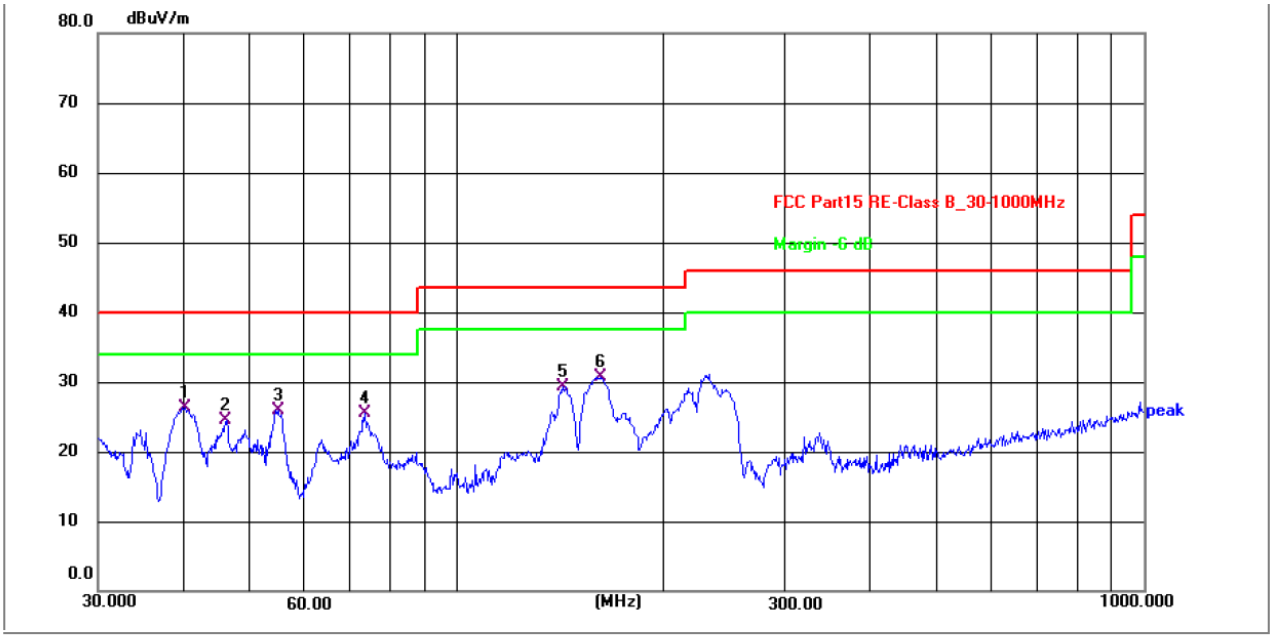


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	87.1116	41.56	-18.18	23.38	40.00	-16.62	QP	P	
2	115.7256	44.54	-16.67	27.87	43.50	-15.63	QP	P	
3 *	127.6645	48.73	-17.37	31.36	43.50	-12.14	QP	P	
4	201.3930	41.62	-15.01	26.61	43.50	-16.89	QP	P	
5	234.9910	46.17	-13.85	32.32	46.00	-13.68	QP	P	
6	336.0351	37.81	-11.21	26.60	46.00	-19.40	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Vertical**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H618E**		

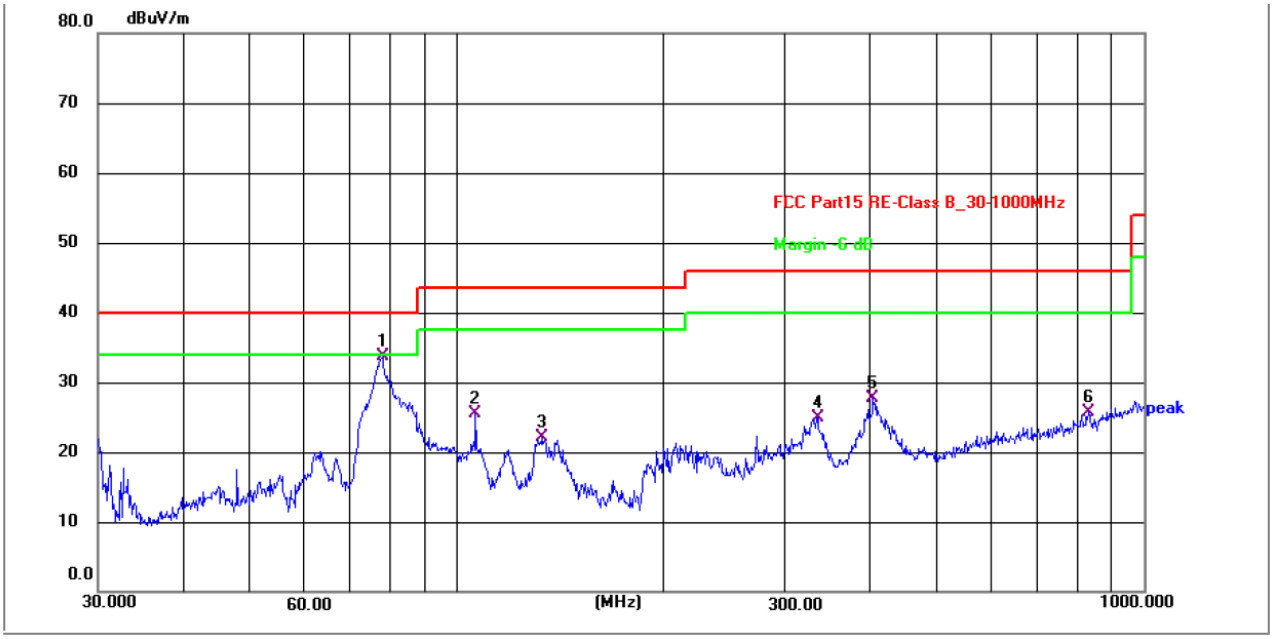


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	40.1347	41.59	-15.19	26.40	40.00	-13.60	QP	P	
2	46.1779	38.80	-14.22	24.58	40.00	-15.42	QP	P	
3	54.8348	40.48	-14.50	25.98	40.00	-14.02	QP	P	
4	73.3593	44.33	-18.77	25.56	40.00	-14.44	QP	P	
5	142.3243	47.61	-18.25	29.36	43.50	-14.14	QP	P	
6 *	161.4742	48.63	-17.86	30.77	43.50	-12.73	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Horizontal**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H618F**		

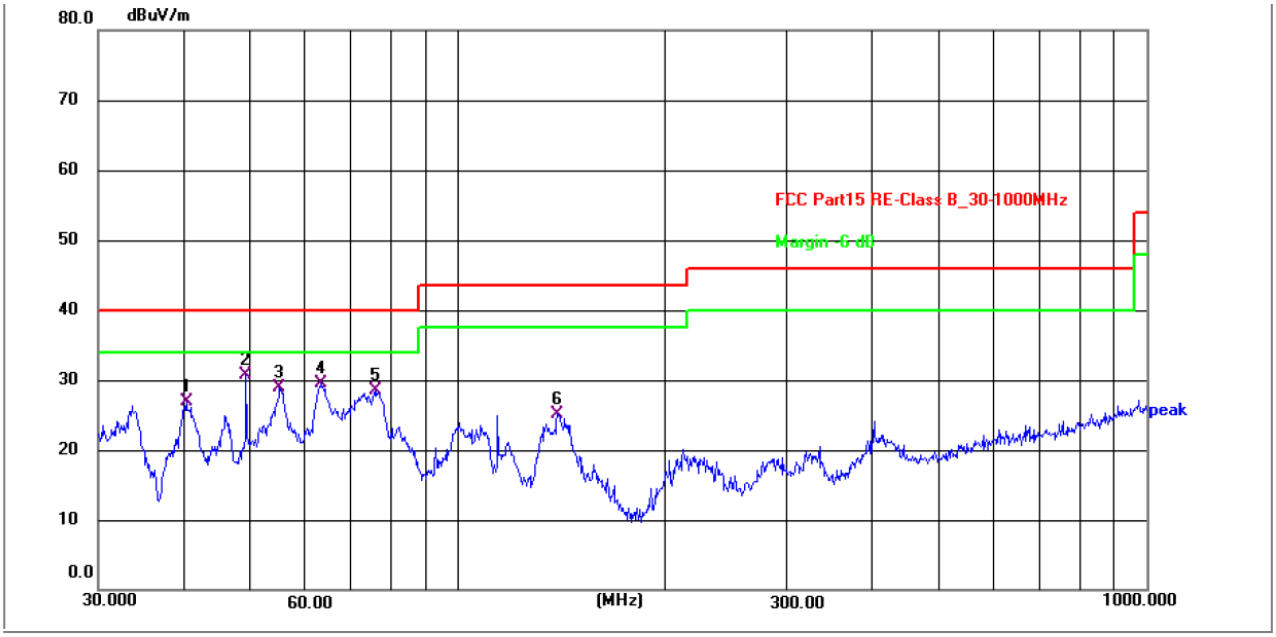


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	77.8654	53.10	-19.44	33.66	40.00	-6.34	QP	P	
2	106.3850	41.68	-16.10	25.58	43.50	-17.92	QP	P	
3	133.1511	39.74	-17.69	22.05	43.50	-21.45	QP	P	
4	334.8589	36.17	-11.23	24.94	46.00	-21.06	QP	P	
5	403.2500	37.61	-9.87	27.74	46.00	-18.26	QP	P	
6	830.4002	28.99	-3.38	25.61	46.00	-20.39	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Emission Test Data (30-1000MHz)

Test Site:	**966 Chamber #1**	**Polarization:**	**Vertical**
Distance:	**3m**	**Test Mode:**	**TM1/ CH High**
Model No.:	**H618F**		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	40.2757	42.02	-15.16	26.86	40.00	-13.14	QP	P	
2 *	49.1865	44.97	-14.18	30.79	40.00	-9.21	QP	P	
3	55.0274	43.38	-14.52	28.86	40.00	-11.14	QP	P	
4	63.3132	45.34	-15.93	29.41	40.00	-10.59	QP	P	
5	75.7114	47.69	-19.22	28.47	40.00	-11.53	QP	P	
6	139.3613	43.21	-18.06	25.15	43.50	-18.35	QP	P	

Note: Level = Reading + Factor Margin = Level - Limit

Radiated Spurious Emission (1GHz-25GHz)

Test Mode: 802.11n(HT20)					CH Low: 2412 MHz			
Pol.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector Type	Result
V	4824.10	40.71	4.74	45.45	74.00	-28.55	PK	PASS
V	7236.34	33.97	9.84	43.81	74.00	-30.20	PK	PASS
V	9648.40	29.65	13.18	42.83	74.00	-31.18	PK	PASS
V	12060.93	*	*	*	74.00	*	PK	PASS
V	14472.65	*	*	*	74.00	*	PK	PASS
V	16884.89	*	*	*	74.00	*	PK	PASS
H	4824.37	42.01	4.74	46.75	74.00	-27.26	PK	PASS
H	7236.48	35.59	9.84	45.43	74.00	-28.58	PK	PASS
H	9648.52	29.96	13.18	43.14	74.00	-30.86	PK	PASS
H	12060.89	*	*	*	74.00	*	PK	PASS
H	14472.81	*	*	*	74.00	*	PK	PASS
H	16884.37	*	*	*	74.00	*	PK	PASS
V	4824.93	30.22	4.74	34.96	54.00	-19.05	AV	PASS
V	7236.51	24.52	9.84	34.36	54.00	-19.64	AV	PASS
V	9648.32	18.23	13.18	31.41	54.00	-22.60	AV	PASS
V	12060.28	*	*	*	54.00	*	AV	PASS
V	14472.56	*	*	*	54.00	*	AV	PASS
V	16884.14	*	*	*	54.00	*	AV	PASS
H	4824.77	30.82	4.74	35.56	54.00	-18.44	AV	PASS
H	7236.48	22.27	9.84	32.11	54.00	-21.89	AV	PASS
H	9648.52	17.55	13.18	30.73	54.00	-23.27	AV	PASS
H	12060.89	*	*	*	54.00	*	AV	PASS
H	14472.81	*	*	*	54.00	*	AV	PASS
H	16884.37	*	*	*	54.00	*	AV	PASS

Remark:
1. Emission Level = Reading + Factor, Margin= Emission Level – Limit.
2. “*” means the test results were attenuated more than 20dB below the permissible limits, so the results don't record in the report.

Radiated Spurious Emission (1GHz-25GHz)

Test Mode: 802.11n(HT20)					CH Middle: 2437 MHz			
Pol.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector Type	Result
V	4874.05	40.49	4.90	45.39	74.00	-28.62	PK	PASS
V	7311.84	35.25	9.83	45.08	74.00	-28.92	PK	PASS
V	9748.81	28.53	13.21	41.74	74.00	-32.26	PK	PASS
V	12185.78	*	*	*	74.00	*	PK	PASS
V	14622.96	*	*	*	74.00	*	PK	PASS
V	17059.54	*	*	*	74.00	*	PK	PASS
H	4874.72	41.50	4.90	46.40	74.00	-27.61	PK	PASS
H	7311.75	34.65	9.83	44.48	74.00	-29.52	PK	PASS
H	9748.69	30.57	13.21	43.78	74.00	-30.23	PK	PASS
H	12185.79	*	*	*	74.00	*	PK	PASS
H	14622.03	*	*	*	74.00	*	PK	PASS
H	17059.89	*	*	*	74.00	*	PK	PASS
V	4874.97	31.12	4.90	36.02	54.00	-17.99	AV	PASS
V	7311.28	24.05	9.83	33.88	54.00	-20.13	AV	PASS
V	9748.76	17.65	13.21	30.86	54.00	-23.15	AV	PASS
V	12185.85	*	*	*	54.00	*	AV	PASS
V	14622.81	*	*	*	54.00	*	AV	PASS
V	17059.32	*	*	*	54.00	*	AV	PASS
H	4874.72	31.45	4.90	36.35	54.00	-17.65	AV	PASS
H	7311.75	23.86	9.83	33.69	54.00	-20.31	AV	PASS
H	9748.69	17.23	13.21	30.44	54.00	-23.57	AV	PASS
H	12185.79	*	*	*	54.00	*	AV	PASS
H	14622.03	*	*	*	54.00	*	AV	PASS
H	17059.89	*	*	*	54.00	*	AV	PASS

Remark:
1. Emission Level = Reading + Factor, Margin= Emission Level – Limit.
2. “*” means the test results were attenuated more than 20dB below the permissible limits, so the results don't record in the report.

Radiated Spurious Emission (1GHz-25GHz)

Test Mode: 802.11n(HT20)					CH High: 2462 MHz			
Pol.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector Type	Result
V	4924.91	41.69	5.05	46.74	74.00	-27.26	PK	PASS
V	7387.00	35.04	9.83	44.87	74.00	-29.14	PK	PASS
V	9848.07	29.08	13.24	42.32	74.00	-31.69	PK	PASS
V	12310.95	*	*	*	74.00	*	PK	PASS
V	14772.32	*	*	*	74.00	*	PK	PASS
V	17234.81	*	*	*	74.00	*	PK	PASS
H	4924.77	41.74	5.05	46.79	74.00	-27.22	PK	PASS
H	7386.62	35.40	9.83	45.23	74.00	-28.78	PK	PASS
H	9848.72	29.08	13.24	42.32	74.00	-31.69	PK	PASS
H	12310.35	*	*	*	74.00	*	PK	PASS
H	14772.37	*	*	*	74.00	*	PK	PASS
H	17234.32	*	*	*	74.00	*	PK	PASS
V	4924.01	32.05	5.05	37.10	54.00	-16.90	AV	PASS
V	7386.82	24.34	9.83	34.17	54.00	-19.83	AV	PASS
V	9848.15	19.44	13.24	32.68	54.00	-21.33	AV	PASS
V	12310.32	*	*	*	54.00	*	AV	PASS
V	14772.09	*	*	*	54.00	*	AV	PASS
V	17234.10	*	*	*	54.00	*	AV	PASS
H	4924.77	31.83	5.05	36.88	54.00	-17.13	AV	PASS
H	7386.62	22.30	9.83	32.13	54.00	-21.88	AV	PASS
H	9848.72	19.95	13.24	33.19	54.00	-20.81	AV	PASS
H	12310.35	*	*	*	54.00	*	AV	PASS
H	14772.37	*	*	*	54.00	*	AV	PASS
H	17234.32	*	*	*	54.00	*	AV	PASS

Remark:
1. Emission Level = Reading + Factor, Margin= Emission Level – Limit.
2. “*” means the test results were attenuated more than 20dB below the permissible limits, so the results don't record in the report.

ANNEX A TEST SETUP PHOTOS

Please refer to the document “8227EU010508W-AA.PDF”

ANNEX B EXTERNAL PHOTOS

Please refer to the document “8227EU010508W-AB.PDF”

ANNEX C INTERNAL PHOTOS

Please refer to the document “8227EU010508W-AC.PDF”

ANNEX D TEST DATA

Please refer to the document “8227EU010508W-AE.PDF”

STATEMENT

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
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