RF Test Report

FCC ID:2BDR5-33R

Report No.	:	TBR-C-202409-0059-8
Applicant	:	Videotimes Technology (Hubei) Co., Ltd
Equipment Under Test (EUT)		
EUT Name	:	2.4GHz Digital Wireless Video Baby Monitor
Model No.	:	HB6233
Series Model No.	:	HB6231,BBM802,BBM802-2,BBM802RX,HB6231-2,HB6231RX,JA2215,JA2215-2, JA2215RX,BBM803,BBM803-2,BBM803RX,HB6233-2,HB6233RX,VT302,VT302-2, VT302RX,HB6336,BBM808,BBM808-2,BBM808RX,HB6336-2,HB6336RX,VV6036, BL9036,BL9036-2,BL9036RX,HB6339,BBM809,BBM809-2,BBM809RX,HB6339-2, HB6339RX,FK3963,FK3963-2,FK3963RX,HB2031,BBM842,N0157_S,HB2033,BBM843, HB2036,BBM844,HB2039,BBM871,SC340,HB2439,BBM801,HB2438,BBM830,HB2438-2, HB2438RX,VT301,VT301-2,VT301RX,BG1038,HB2229,BBM874
Brand Name	:	----
Sample ID	:	HC-C-202409-0059-01-01# HC-C-202409-0059-01-02# HC-C-202409-0059-01-03# HC-C-202409-0059-01-04# HC-C-202409-0059-01-05# HC-C-202409-0059-01-06# HC-C-202409-0059-01-07#
Receipt Date	:	2024-09-19
Test Date	:	2024-09-19 to 2024-11-05
Issue Date	:	2024-11-05
Standards	:	FCC Part 15, Subpart C 15.247
Test Method	:	ANSI C63.10:2013 KDB 558074 D01 15.247 Meas Guidance v05r02
Conclusions	:	**PASS** In the configuration tested, the EUT complied with the standards specified above,

Tested By	:	ZKN.Zhou	ZKN Zhou
Reviewed By	:	Henry Huang	Henry huang
Approved By	:	IVAN SU	Ivan Su

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.

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Contents

Revision History

Report No.	Version	Description	Issued Date
TBR-C-202409-0059-8	Rev.01	Initial issue of report	2024-11-05

1. General Information about EUT

1.1 Client Information

Applicant	:	Videotimes Technology (Hubei) Co., Ltd
Address	:	B5-1,B5-2, Electronic Information Industry Park, Wuxue, Huanggang, Hubei, China.
Manufacturer	:	Videotimes Technology (Hubei) Co., Ltd
Address	:	B5-1,B5-2, Electronic Information Industry Park, Wuxue, Huanggang, Hubei, China.

1.2 General Description of EUT (Equipment Under Test)

EUT Name	:	2.4GHz Digital Wireless Video Baby Monitor	
Models No.	:	HB6233, HB6231,BBM802,BBM802-2,BBM802RX,HB6231-2,HB6231RX, JA2215,JA2215-2,JA2215RX,BBM803,BBM803-2,BBM803RX,HB6233-2, HB6233RX,VT302,VT302-2,VT302RX,HB6336,BBM808,BBM808-2, BBM808RX,HB6336-2,HB6336RX,VV6036,BL9036,BL9036-2,BL9036RX, HB6339,BBM809,BBM809-2,BBM809RX,HB6339-2,HB6339RX,FK3963, FK3963-2,FK3963RX,HB2031,BBM842,N0157_S,HB2033,BBM843, HB2036,BBM844,HB2039,BBM871,SC340,HB2439,BBM801,HB2438, BBM830,HB2438-2,HB2438RX,VT301,VT301-2,VT301RX,BG1038, HB2229,BBM874	
Model Difference	:	All these models are identical in the same PCB, layout and electrical circuit, The difference is that the appearance material and screen size and buttons are not consistent	
Product Description	:	Operation Frequency:	2.4G: 2412MHz~2469MHz
		Number of Channel:	58 Channels See Note 2
		Antenna Gain:	2dBi Copper Tube Antenna
		Modulation Type:	GFSK
Power Rating	:	Please see Note(List:3) DC 3.7V by 1250mAh 4.625Wh Rechargeable Li-ion battery（BPI PL 603450） DC 3.7V by 1250mAh 4.625Wh Rechargeable Li-ion battery（ABD PL563450） DC 3.7V by 950mAh 3.515Wh Rechargeable Li-ion battery（BPI PL 503450） （Battery differences are mainly based on the applicant and model and capacity differences, only the worst mode is assessed BPI PL 603450）	
Software Version	:	1.0	
Hardware Version	:	1.1	
Remark: The adapter and antenna gain from the manufacturer, the verified for the RF conduction test provided by TOBY test lab. The above antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.			

Note:

(1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

(2) Channel List:

Channel List					
Channel	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**
00	**2412**	20	2432	40	2452
01	2413	21	2433	41	2453
02	2414	22	2434	42	2454
03	2415	23	2435	43	2455
04	2416	24	2436	44	2456
05	2417	25	2437	45	2457
06	2418	26	2438	46	2458
07	2419	27	2439	47	2459
08	2420	28	2440	48	2460
09	2421	29	2441	49	2461
10	2422	**30**	**2442**	50	2462
11	2423	31	2443	51	2463
12	2424	32	2444	52	2464
13	2425	33	2445	53	2465
14	2426	34	2446	54	2466
15	2427	35	2447	55	2467
16	2428	36	2448	56	2468
17	2429	37	2449	**57**	**2469**
18	2430	38	2450		
19	2431	39	2451		
Note: Test frequencies are lowest channel: 2412MHz, middle channel: 2442MHz and highest channel: 2469MHz.					

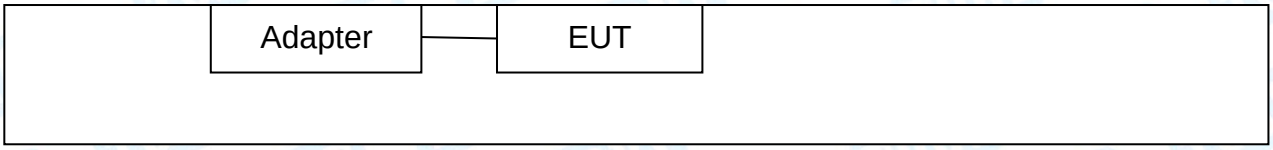
(3) List:

1#	AC Adapter 1# (Model: K05V050100U): Input: 100-240V~50/60Hz, 0.2A Output: 5.0V⎓1.0A
2#	AC Adapter 1# (Model: K05E050100U): Input: 100-240V~50/60Hz, 0.2A Output: 5.0V⎓1.0A
3#	AC Adapter 1# (Model: ZL-A0501000SUS): Input: 100-240V~50/60Hz, 0.4A Output: 5.0V⎓1.0A
4#	AC Adapter 1# (Model: K05S050100U): Input: 100-240V~50/60Hz, 0.2A Output: 5.0V⎓1.0A
5#	AC Adapter 1# (Model: A318-050100W-US2): Input: 100-240V~50/60Hz, 0.2A Output: 5.0V⎓1.0A

The differential prototype evaluates the worst pattern using a 1# adapter	
Test sample	Model number.
appearance of PCB of test model	HB6233
Differential prototype 1#	HB6336
Differential prototype 2#	HB6339
Differential prototype 3#	HB2229
Differential prototype 4#	HB6231
Differential prototype 5#	HB2438

1.3 Block Diagram Showing the Configuration of System Tested

Adapter & TX Mode



1.4 Description of Support Units

The EUT has been tested as an independent unit.

1.5 Description of Test Mode

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned follow was evaluated respectively.

For Conducted Test	
Final Test Mode	**Description**
Mode 1	Adapter#1+ TX Mode Channel 00
Mode 2	Adapter#2+ TX Mode Channel 00
Mode 3	Adapter#3+ TX Mode Channel 00
Mode 4	Adapter#4+ TX Mode Channel 00
Mode 5	Adapter#5+ TX Mode Channel 00
RSE testing uses only 1# adapters the worst patterns are evaluated Differential prototypes are tested with only 1# adapters	
For Radiated Test	
Final Test Mode	**Description**
Mode 6	Adapter#1+ TX Mode Channel 00
Mode 7	Adapter#2+ TX Mode Channel 00
Mode 8	Adapter#3+ TX Mode Channel 00
Mode 9	Adapter#4+ TX Mode Channel 00
Mode 10	Adapter#5+ TX Mode Channel 00
Mode 11	TX Mode Channel 00/30/57
Mode 12	Hopping TX Mode
RSE testing uses only 1# adapters the worst patterns are evaluated Differential prototypes are tested with only 1# adapters	

Note:

(1) For all test, we have verified the construction and function in typical operation. And all the test modes were carried out with the EUT in transmitting operation in maximum power with all kinds of data rate. We have pretested all the test modes above.

According to ANSI C63.10 standards, the measurements are performed at the highest, middle, lowest available channels, and the worst case data rate as follows:

TX Mode: GFSK

(2) The EUT is considered a portable unit; it was pre-tested on the positioned of each 3 axis, X-plane, Y-plane and Z-plane. The worst case was found positioned on X-plane as the normal use. Therefore only the test data of this X-plane was used for radiated emission measurement test.

1.6 Description of Test Software Setting

During testing channel power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of Bluetooth mode.

Test Software Version	**Adjust and control the corresponding transmission frequency through the EUT entity key.**		
Frequency	2412MHz	2442MHz	2469MHz
GFSK	DEF	DEF	DEF

1.7 Measurement Uncertainty

The reported uncertainty of measurement y ± U，where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2，providing a level of confidence of approximately 95 %.

Test Item	**Parameters**	**Expanded Uncertainty (U_{Lab})**
Conducted Emission	Level Accuracy: 9kHz~150kHz 150kHz to 30MHz	±3.50 dB ±3.10 dB
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	±4.60 dB
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	±4.20 dB
Radiated Emission	Level Accuracy: Above 1000MHz	±4.20 dB

1.8 Test Facility

The testing report were performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at 1/F., Building 6, Rundongsheng Industrial Zone, Longzhu, Xixiang, Bao'an District, Shenzhen, Guangdong, China. At the time of testing, the following bodies accredited the Laboratory:

CNAS (L5813)
The Laboratory has been accredited by CNAS to ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

A2LA Certificate No.: 4750.01
The laboratory has been accredited by American Association for Laboratory Accreditation(A2LA) to ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories for the technical competence in the field of Electrical Testing. And the A2LA Certificate No.: 4750.01.FCC Accredited Test Site Number: 854351. Designation Number: CN1223.

IC Registration No.: (11950A)
The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A. CAB identifier: CN0056.

2. Test Summary

Standard Section FCC	Test Item	Test Sample(s)	Judgment	Remark
FCC 15.207(a)	Conducted Emission	HC-C-202409-0059-01-01# HC-C-202409-0059-01-02# HC-C-202409-0059-01-03# HC-C-202409-0059-01-04# HC-C-202409-0059-01-05# HC-C-202409-0059-01-06#	PASS	N/A
FCC 15.209 & 15.247(d)	Radiated Unwanted Emissions	HC-C-202409-0059-01-01# HC-C-202409-0059-01-02# HC-C-202409-0059-01-03# HC-C-202409-0059-01-04# HC-C-202409-0059-01-05# HC-C-202409-0059-01-06#	PASS	N/A
FCC 15.203	Antenna Requirement	HC-C-202409-0059-01-07#	PASS	N/A
FCC 15.247(a)	99% Occupied Bandwidth & 20dB Bandwidth	HC-C-202409-0059-01-07#	PASS	N/A
FCC 15.247(b)(1)	Peak Output Power	HC-C-202409-0059-01-07#	PASS	N/A
FCC 15.247(a)(1)	Carrier frequency separation	HC-C-202409-0059-01-07#	PASS	N/A
FCC 15.247(a)(1)	Time of occupancy	HC-C-202409-0059-01-07#	PASS	N/A
FCC 15.247(b)(1)	Number of Hopping Frequency	HC-C-202409-0059-01-07#	PASS	N/A
FCC 15.247(d)	Band Edge	HC-C-202409-0059-01-07#	PASS	N/A
FCC 15.207(a)	Conducted Unwanted Emissions	HC-C-202409-0059-01-07#	PASS	N/A
FCC 15.205	Emissions in Restricted Bands	HC-C-202409-0059-01-07#	PASS	N/A

Note: N/A is an abbreviation for Not Applicable.

3. Test Software

Test Item	Test Software	Manufacturer	Version No.
Conducted Emission	EZ-EMC	EZ	CDI-03A2
Radiation Emission	EZ-EMC	EZ	FA-03A2RE
Radiation Emission	EZ-EMC	EZ	FA-03A2RE+
RF Conducted Measurement	MTS-8310	MWRFtest	V2.0.0.0
RF Test System	JS1120-3	Tonscend	V3.2.22

4. Test Equipment and Test Site

Test Site				
No.	**Test Site**	**Manufacturer**	**Specification**	**Used**
TB-EMCSR001	Shielding Chamber #1	YIHENG	7.5*4.0*3.0 (m)	√
TB-EMCSR002	Shielding Chamber #2	YIHENG	8.0*4.0*3.0 (m)	X
TB-EMCCA001	3m Anechoic Chamber #A	ETS	9.0*6.0*6.0 (m)	X
TB-EMCCB002	3m Anechoic Chamber #B	YIHENG	9.0*6.0*6.0 (m)	√

Conducted Emission Test					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Cal. Due Date**
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jun. 17, 2024	Jun. 16, 2025
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jun. 17, 2024	Jun. 16, 2025
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jun. 17, 2024	Jun. 16, 2025
LISN	Rohde & Schwarz	ENV216	101131	Jun. 17, 2024	Jun. 16, 2025
Radiation Emission Test(B Site)					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Cal. Due Date**
Spectrum Analyzer	Agilent	N9020A	MY49100060	Aug. 29, 2024	Aug. 28, 2025
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jun. 17, 2024	Jun. 16, 2025
EMI Test Receiver	Rohde & Schwarz	ESU-8	100472/008	Feb. 23, 2024	Feb.22, 2025
Bilog Antenna	SCHWARZBECK	VULB 9168	1225	Nov. 13, 2023	Nov. 12, 2025
Horn Antenna	SCHWARZBECK	BBHA 9120 D	2463	Jun. 14, 2024	Jun. 13, 2026
Horn Antenna	SCHWARZBECK	BBHA 9170	1118	Feb. 27, 2024	Feb.26, 2026
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-059	Jun. 14, 2024	Jun. 13, 2026
HF Amplifier	Tonscend	TAP9E6343	AP21C806117	Aug. 29, 2024	Aug. 28, 2025
HF Amplifier	Tonscend	TAP051845	AP21C806141	Aug. 29, 2024	Aug. 28, 2025
HF Amplifier	Tonscend	TAP0184050	AP21C806129	Aug. 29, 2024	Aug. 28, 2025
Highpass Filter	CD	HPM-6.4/18G	---	N/A	N/A
Highpass Filter	CD	HPM-2.8/18G	---	N/A	N/A
Highpass Filter	XINBO	XBLBQ-HTA67(8-25G)	22052702-1	N/A	N/A
Antenna Conducted Emission					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Cal. Due Date**
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jun. 17, 2024	Jun. 16, 2025
MXA Signal Analyzer	KEYSIGHT	N9020B	MY60110172	Aug. 29, 2024	Aug. 28, 2025
MXA Signal Analyzer	Agilent	N9020A	MY47380425	Aug. 29, 2024	Aug. 28, 2025
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO26	Aug. 29, 2024	Aug. 28, 2025
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO29	Aug. 29, 2024	Aug. 28, 2025
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO31	Aug. 29, 2024	Aug. 28, 2025
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO33	Aug. 29, 2024	Aug. 28, 2025
Temperature and Humidity Chamber	ZhengHang	ZH-QTH-1500	ZH2107264	Jun. 17, 2024	Jun. 16, 2025

5. Conducted Emission Test

5.1 Test Standard and Limit

5.1.1Test Standard

FCC Part 15.207

5.1.2 Test Limit

Conducted Emission Test Limit

Frequency	Maximum RF Line Voltage (dBμV)	
	Quasi-peak Level	Average Level
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *
500kHz~5MHz	56	46
5MHz~30MHz	60	50

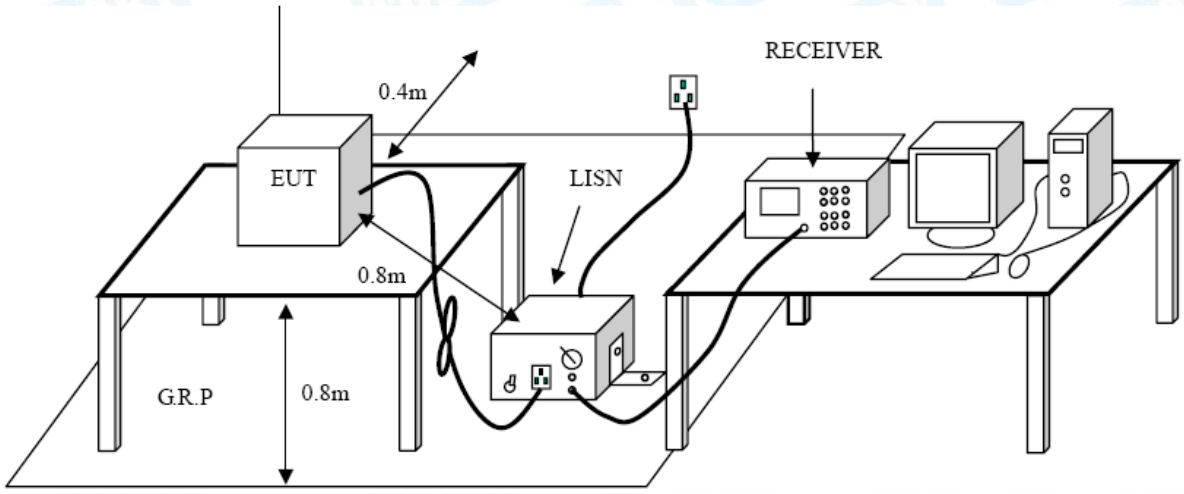
Notes:

(1) *Decreasing linearly with logarithm of the frequency.

(2) The lower limit shall apply at the transition frequencies.

(3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

5.2 Test Setup



5.3 Test Procedure

The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

LISN at least 80 cm from nearest part of EUT chassis

The bandwidth of EMI test receiver is set at 9kHz, and the test frequency band is from 0.15MHz to 30MHz.

5.4 Deviation From Test Standard

No deviation

5.5 EUT Operating Mode

Please refer to the description of test mode.

5.6 Test Data

Please refer to the Attachment A.

6. Radiated Emission Test

6.1 Test Standard and Limit

6.1.1 Test Standard

FCC Part 15.209 & FCC Part 15.247(d)

6.1.2 Test Limit

Radiated Emission Limit (9 kHz~1000MHz)

Frequency (MHz	Field Strength (microvolt/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

Radiated Emission Limit (Above 1000MHz)

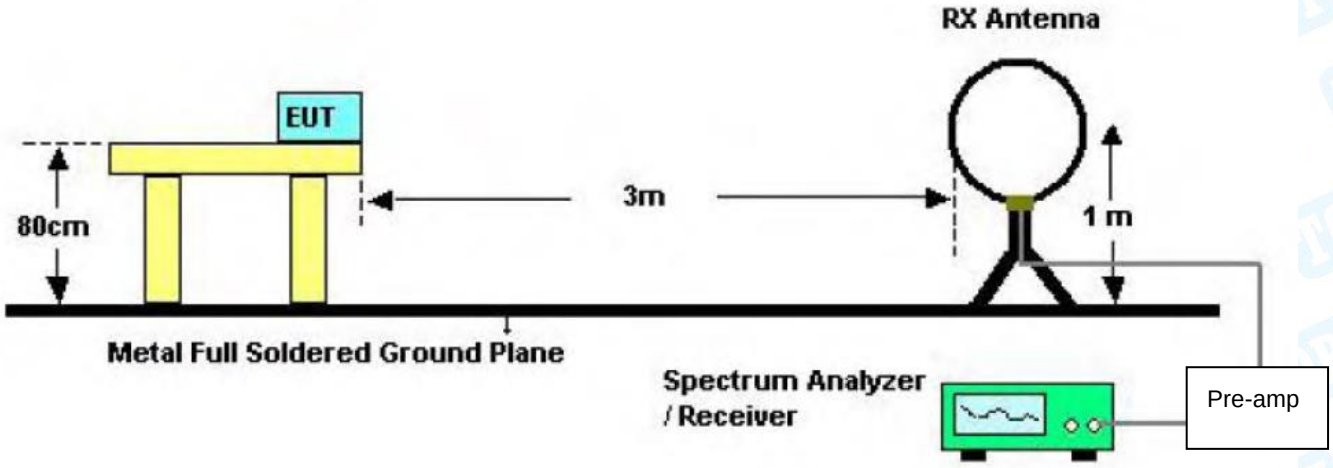
Frequency (MHz)	Distance Meters(at 3m)	
	Peak	Average
Above 1000	74	54

Note:

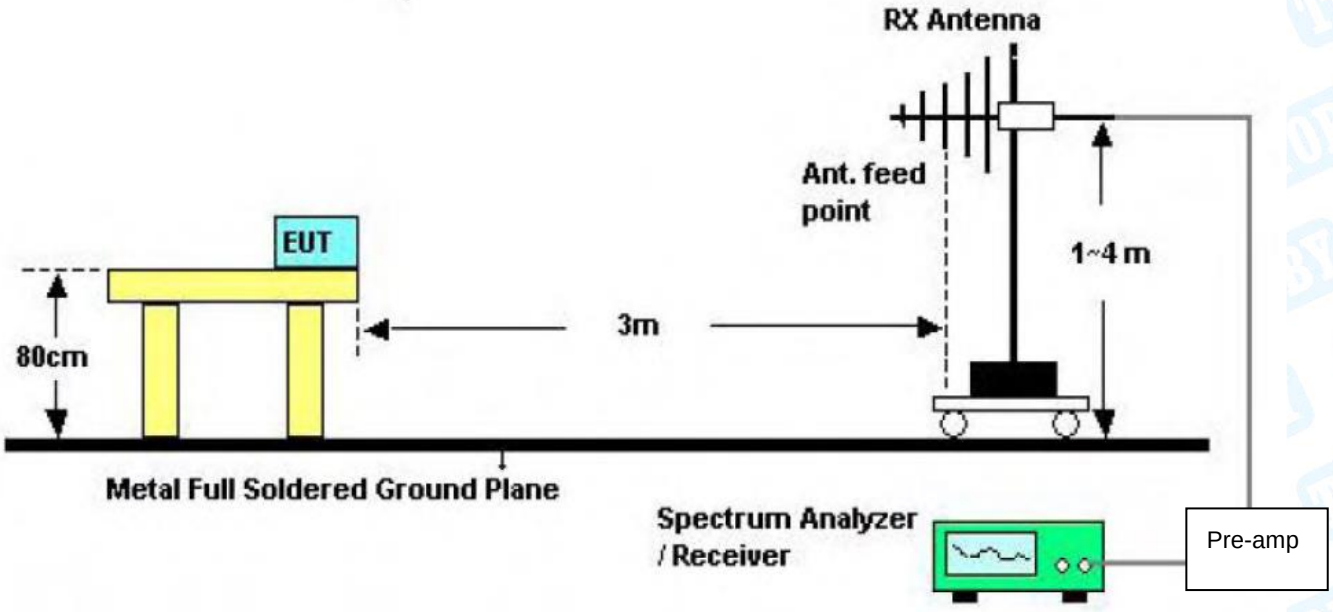
(1) The tighter limit applies at the band edges.

(2) Emission Level (dBuV/m)=20log Emission Level (uV/m)

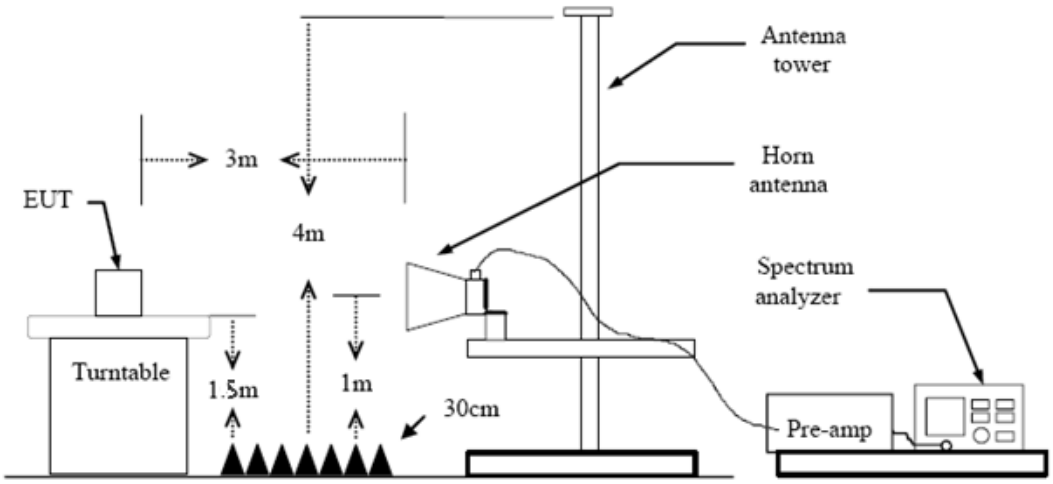
6.2 Test Setup



Below 30MHz Test Setup



Below 1000MHz Test Setup



Above 1GHz Test Setup

6.3 Test Procedure

(1) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.

(2) Measurements at frequency Below 1GHz. The EUT was placed on a rotating 0.8m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.

(3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.

(4) The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.

(5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.

(6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.

(7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.

(8) For the actual test configuration, please see the test setup photo.

6.4 Deviation From Test Standard

No deviation

6.5 EUT Operating Condition

The Equipment Under Test was set to Continual Transmitting in maximum power.

6.6 Test Data

Remark: During testing above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.

Please refer to the Attachment B.

7. Restricted Bands and Band-edge test

7.1 Test Standard and Limit

7.1.1 Test Standard

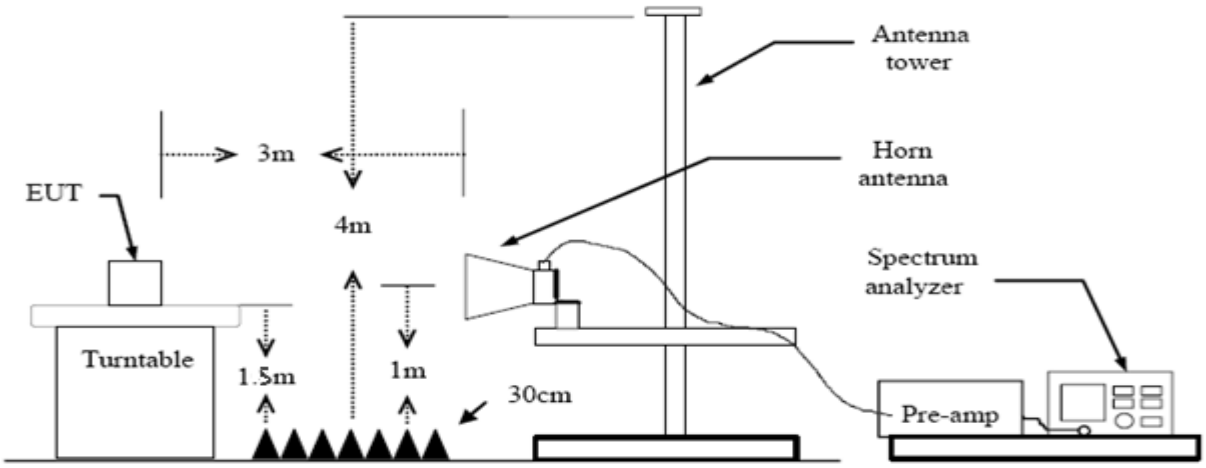
FCC Part 15.205 & FCC Part 15.247(d)

7.1.2 Test Limit

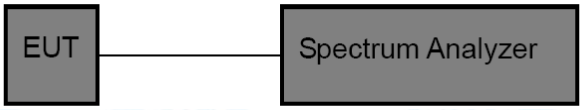
Radiated measurement		
Restricted Frequency Band (MHz)	**Distance Meters(at 3m)**	
	Peak (dBuV/m)	**Average (dBuV/m)**
2310 ~2390	74	54
2483.5 ~2500	74	54
Conducted measurement		
	Peak (dBm)see 7.3 e)	**Average (dBm)** see 7.3 e)
2310 ~2390	-41.20	-21.20
2483.5 ~2500	-41.20	-21.20
Note: According the ANSI C63.10 11.12.2 antenna-port conducted measurements may also be used as an alternative to radiated measurements for determining compliance in the restricted frequency bands requirements. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test forcabinet/case emissions is required.		

7.2 Test Setup

Radiated measurement



Conducted measurement



7.3 Test Procedure

---Radiated measurement

(1) The measuring distance of 3m shall be used for measurements at frequency up to 1GHz and above 1 GHz. The EUT was placed on a rotating 0.8m high above ground, the table was rotated 360 degrees to determine the position of the highest radiation.

(2) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.

(3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.

(4) The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.

(5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Below 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.

(6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.

(7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.

(8) For the actual test configuration, please see the test setup photo.

---Conducted measurement

a) Measure the conducted output power (in dBm) using the detector specified by the appropriate regulatory agency (see 11.12.2.3 through 11.12.2.5 for guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).

b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP (see 11.12.2.6 for guidance on determining the applicable antenna gain).

c) Add the appropriate maximum ground reflection factor to the EIRP (6 dB for frequencies ≤30 MHz; 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive; and 0 dB for frequencies > 1000 MHz).

d) For MIMO devices, measure the power of each chain and sum the EIRP of all chains in linear terms (i.e., watts and mW).

e) Convert the resultant EIRP to an equivalen t electric field strength using the following

relationship:

$$E = \text{EIRP} - 20 \log d + 104.8$$

where

E is the electric field strength in dBuV/m

EIRP is the equivalent isotropically radiated power in dBm

d is the specified measurement distance in m

f) Compare the resultant electric field strength level with the applicable regulatory limit.

g) Perform the radiated spurious emission test.

7.4 Deviation From Test Standard

No deviation

7.5 EUT Operating Condition

The Equipment Under Test was set to Continual Transmitting in maximum power.

7.6 Test Data

Please refer to the Attachment C.

8. Number of Hopping Channel

8.1 Test Standard and Limit

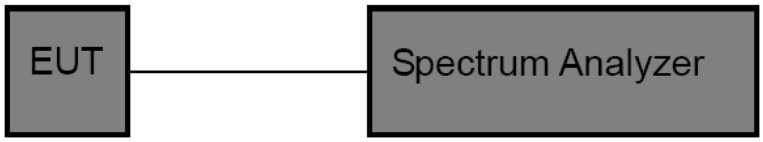
8.1.1 Test Standard

FCC Part 15.247 (a)(1)

8.1.2 Test Limit

Section	Test Item	Limit
15.247	Number of Hopping Channel	>15

8.2 Test Setup



8.3 Test Procedure

(1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
(2) Spectrum Setting: RBW=100 KHz, VBW=100 KHz, Sweep time= Auto.

8.4 Deviation From Test Standard

No deviation

8.5 EUT Operating Condition

The EUT was set to the Hopping Mode by the Customer.

8.6 Test Data

Please refer to the Attachment D.

9. Average Time of Occupancy

9.1 Test Standard and Limit

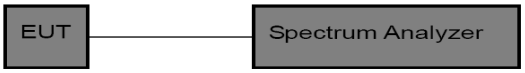
9.1.1 Test Standard

FCC Part 15.247 (a)(1)

9.1.2 Test Limit

Test Item	Limit
Average Time of Occupancy	0.4 sec

9.2 Test Setup



9.3 Test Procedure

(1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
(2) Spectrum Setting: RBW=100KHz, VBW=300KHz.
(3) Use video trigger with the trigger level set to enable triggering only on full pulses.
(4) Sweep Time is more than once pulse time.
(5) Set the center frequency on any frequency would be measure and set the frequency span to zero.
(6) Measure the maximum time duration of one single pulse.
(7) Set the EUT for packet transmitting.
(8) Measure the maximum time duration of one single pulse.

9.4 EUT Operating Condition

The average time of occupancy on any channel within the Period can be calculated with formulas:
The Dwell Time = Burst Width * Total Hops. The detailed calculations are showed as follows:
The duration for dwell time calculation: 0.4 [s] * hopping number = 0.4 [s] * 20 [ch] = 8.0 [s*ch];
The burst width, which is directly measured, refers to the duration on one channel hop.
The maximum number of hopping channels in 8.0s =3*(8.0/0.24) =100
The lowest, middle and highest channels are selected to perform testing to record the dwell time of each occupation measured in this channel, which is called Pulse Time here.

The EUT was set to the Hopping Mode by the Customer.

9.4 Deviation From Test Standard

No deviation

9.5 Test Data

Please refer to the Attachment E.

10. Channel Separation and Bandwidth Test

10.1 Test Standard and Limit

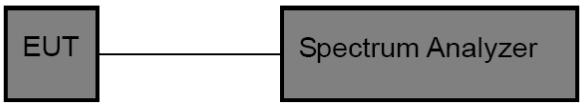
10.1.1 Test Standard

FCC Part 15.247

10.1.2 Test Limit

Test Item	Limit	Frequency Range(MHz)
Bandwidth	<=1 MHz (20dB bandwidth)	2400~2483.5
Channel Separation	>25KHz or >two-thirds of the 20 dB bandwidth Which is greater	2400~2483.5

10.2 Test Setup



10.3 Test Procedure

(1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.

(2) Spectrum Setting:
Channel Separation: RBW=100 kHz, VBW=100 kHz.
Bandwidth: RBW=30 kHz, VBW=100 kHz.

(3) The bandwidth is measured at an amplitude level reduced 20dB from the reference level. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst –case (i.e the widest) bandwidth.

(4) Measure the channel separation the spectrum analyzer was set to Resolution Bandwidth:30 kHz, and Video Bandwidth:100 kHz. Sweep Time set auto.

10.4 Deviation From Test Standard

No deviation

10.5 EUT Operating Condition

The EUT was set to the Hopping Mode for Channel Separation Test and continuously transmitting for the Bandwidth Test.

10.6 Test Data

Please refer to the Attachment F.

11. Peak Output Power Test

11.1 Test Standard and Limit

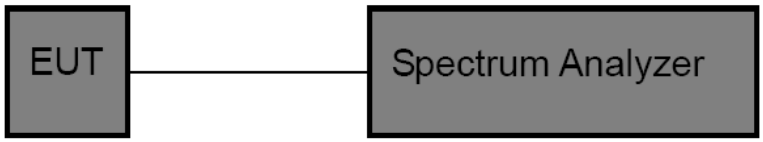
11.1.1 Test Standard

FCC Part 15.247 (b) (1)

11.1.2 Test Limit

Test Item	Limit	Frequency Range(MHz)
Peak Output Power	Hopping Channels>75 Power<1W(30dBm) Other <125 mW(21dBm)	2400~2483.5

11.2 Test Setup



11.3 Test Procedure

(1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.

(2) Spectrum Setting:

Peak Detector: RBW=1 MHz, VBW=3 MHz for bandwidth less than 1MHz.

RBW=3 MHz, VBW=3 MHz for bandwidth more than 1MHz.

11.4 Deviation From Test Standard

No deviation

11.5 EUT Operating Condition

The EUT was set to continuously transmitting in the max power during the test.

11.6 Test Data

Please refer to the Attachment G.

12. Antenna Requirement

12.1 Standard Requirement

12.1.1 Standard

FCC Part 15.203

12.1.2 Requirement

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.

12.2 Deviation From Test Standard

No deviation

12.3 Antenna Connected Construction

The gains of the antenna used for transmitting is 2.0dBi, and the antenna connector is de-signed with permanent attachment and no consideration of replacement. Please see the EUT photo for details.

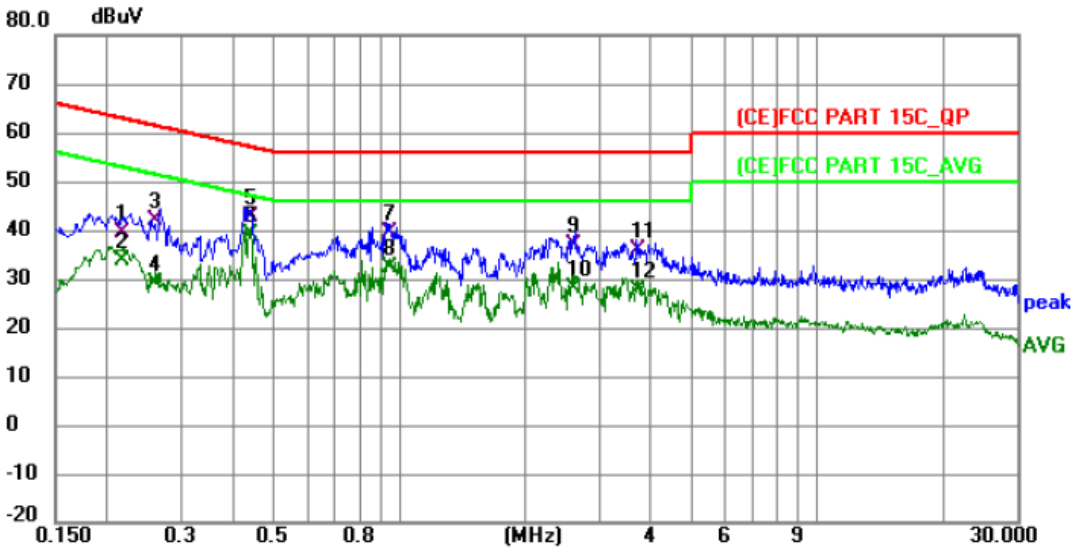
12.4 Result

The EUT antenna is a Copper Tube Antenna. It complies with the standard requirement.

Antenna Type
☒Permanent attached antenna
☐Unique connector antenna
☐Professional installation antenna

Attachment A-- Conducted Emission Test Data

Test Voltage:	AC 120V/60Hz
Terminal:	Line
Test Mode:	Mode 1 Adapter#1
Remark:	Only worse case is reported.

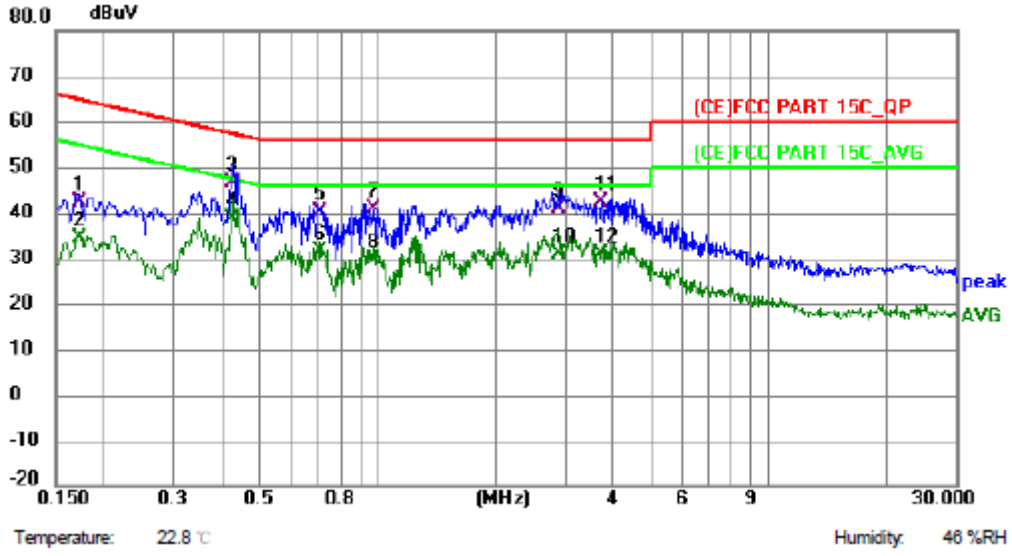


Temperature: 22.8 ℃ Humidity: 46 %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.217	30.02	9.52	39.54	62.93	-23.39	QP
2		0.217	24.15	9.52	33.67	52.93	-19.26	AVG
3		0.260	32.48	9.49	41.97	61.43	-19.46	QP
4		0.260	19.73	9.49	29.22	51.43	-22.21	AVG
5		0.438	33.31	9.47	42.78	57.10	-14.32	QP
6	*	0.438	29.61	9.47	39.08	47.10	-8.02	AVG
7		0.951	29.85	9.57	39.42	56.00	-16.58	QP
8		0.951	22.67	9.57	32.24	46.00	-13.76	AVG
9		2.607	27.26	9.59	36.85	56.00	-19.15	QP
10		2.607	18.27	9.59	27.86	46.00	-18.14	AVG
11		3.709	26.34	9.54	35.88	56.00	-20.12	QP
12		3.709	18.29	9.54	27.83	46.00	-18.17	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

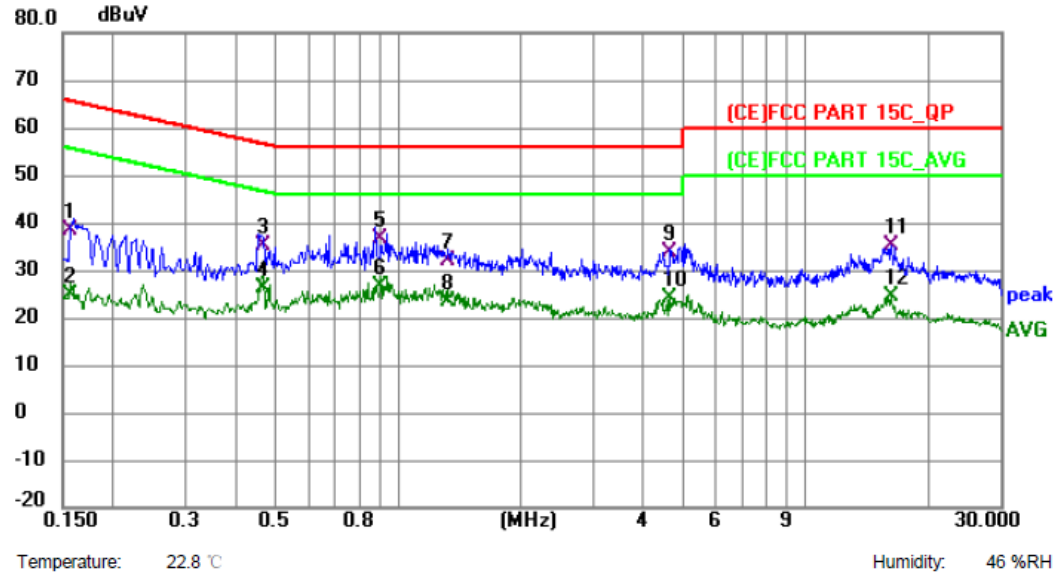
Test Voltage:	AC 120V/60Hz
Terminal:	Neutral
Test Mode:	Mode 1 Adapter#1
Remark:	Only worse case is reported.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.172	32.92	9.53	42.45	64.86	-22.41	QP
2		0.172	24.76	9.53	34.29	54.86	-20.57	AVG
3		0.424	37.21	9.47	46.68	57.37	-10.69	QP
4	*	0.424	29.44	9.47	38.91	47.37	-8.46	AVG
5		0.713	30.59	9.47	40.06	56.00	-15.94	QP
6		0.713	22.10	9.47	31.57	46.00	-14.43	AVG
7		0.969	31.53	9.47	41.00	56.00	-15.00	QP
8		0.969	20.32	9.47	29.79	46.00	-16.21	AVG
9		2.890	31.50	9.54	41.04	56.00	-14.96	QP
10		2.890	21.22	9.54	30.76	46.00	-15.24	AVG
11		3.714	32.79	9.51	42.30	56.00	-13.70	QP
12		3.714	21.39	9.51	30.90	46.00	-15.10	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV))

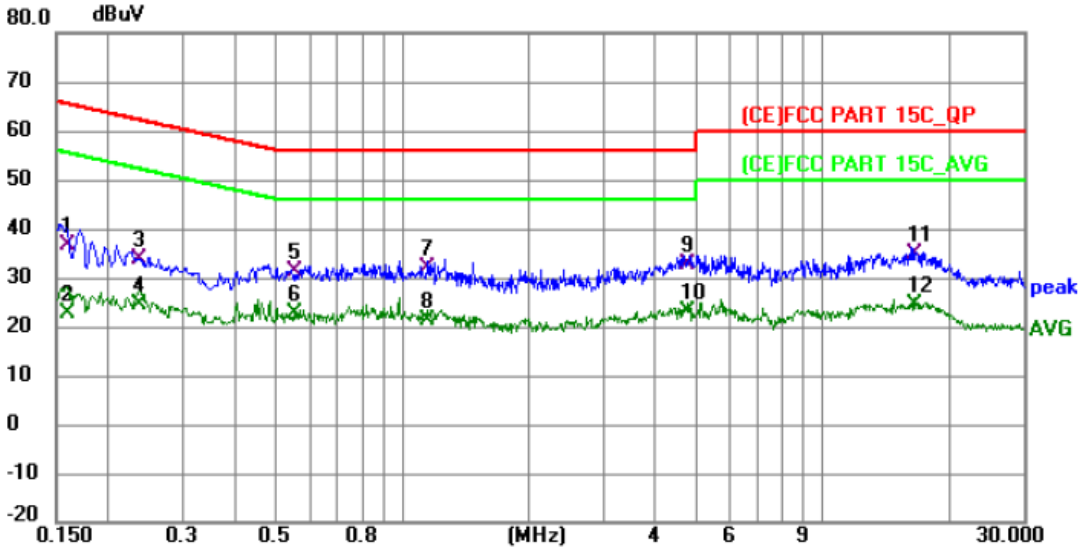
Test Voltage:	AC 120V/60Hz
Terminal:	Line
Test Mode:	Mode 2 Adapter#2
Remark:	Only worse case is reported.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.157	28.93	9.59	38.52	65.62	-27.10	QP
2		0.157	15.23	9.59	24.82	55.62	-30.80	AVG
3		0.464	25.56	9.47	35.03	56.62	-21.59	QP
4		0.464	16.83	9.47	26.30	46.62	-20.32	AVG
5		0.906	27.11	9.54	36.65	56.00	-19.35	QP
6	*	0.906	17.17	9.54	26.71	46.00	-19.29	AVG
7		1.329	22.46	9.63	32.09	56.00	-23.91	QP
8		1.329	13.80	9.63	23.43	46.00	-22.57	AVG
9		4.654	24.30	9.56	33.86	56.00	-22.14	QP
10		4.654	14.41	9.56	23.97	46.00	-22.03	AVG
11		16.220	25.58	9.75	35.33	60.00	-24.67	QP
12		16.220	14.59	9.75	24.34	50.00	-25.66	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

Test Voltage:	AC 120V/60Hz
Terminal:	Neutral
Test Mode:	Mode 2 Adapter#2
Remark:	Only worse case is reported.

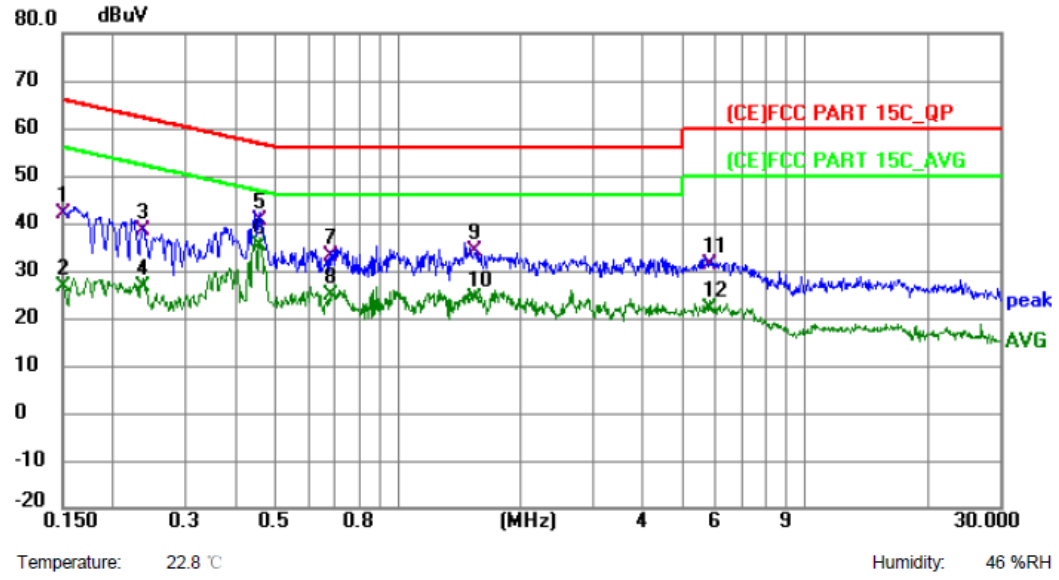


Temperature: 22.8 ℃ Humidity: 46 %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.160	27.01	9.54	36.55	65.46	-28.91	QP
2		0.160	13.01	9.54	22.55	55.46	-32.91	AVG
3		0.235	24.45	9.47	33.92	62.27	-28.35	QP
4		0.235	14.83	9.47	24.30	52.27	-27.97	AVG
5		0.555	21.69	9.47	31.16	56.00	-24.84	QP
6		0.555	13.05	9.47	22.52	46.00	-23.48	AVG
7		1.149	22.48	9.47	31.95	56.00	-24.05	QP
8		1.149	11.66	9.47	21.13	46.00	-24.87	AVG
9		4.753	23.09	9.51	32.60	56.00	-23.40	QP
10	*	4.753	13.45	9.51	22.96	46.00	-23.04	AVG
11		16.557	25.00	9.74	34.74	60.00	-25.26	QP
12		16.557	14.59	9.74	24.33	50.00	-25.67	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

Test Voltage:	AC 120V/60Hz
Terminal:	Line
Test Mode:	Mode 3 Adapter#3
Remark:	Only worse case is reported.

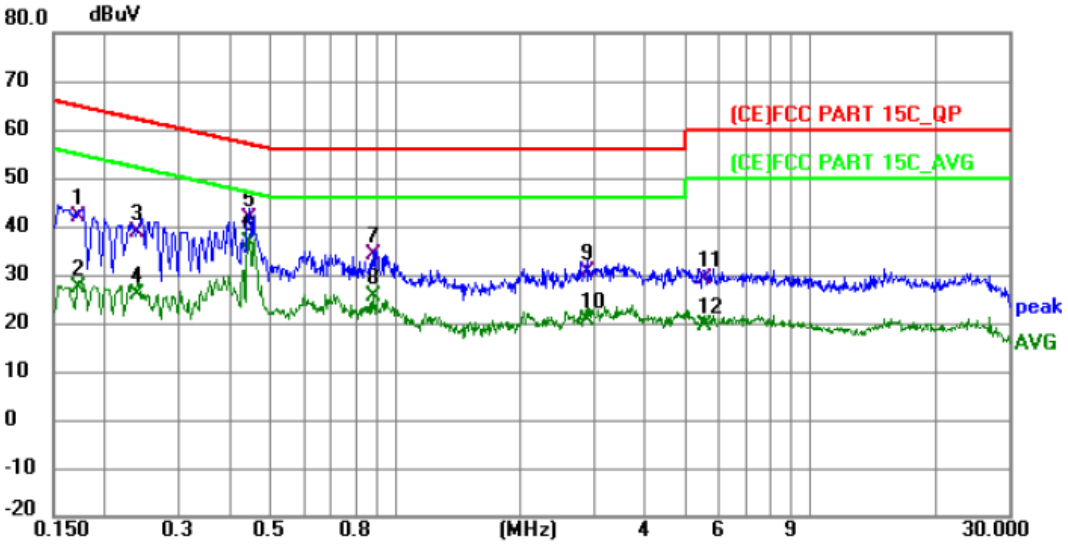


Temperature: 22.8 ℃ Humidity: 46 %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.150	32.18	9.62	41.80	66.00	-24.20	QP
2		0.150	16.90	9.62	26.52	56.00	-29.48	AVG
3		0.235	28.88	9.50	38.38	62.27	-23.89	QP
4		0.235	17.06	9.50	26.56	52.27	-25.71	AVG
5		0.456	31.24	9.47	40.71	56.77	-16.06	QP
6	*	0.456	25.59	9.47	35.06	46.77	-11.71	AVG
7		0.685	23.66	9.49	33.15	56.00	-22.85	QP
8		0.685	15.22	9.49	24.71	46.00	-21.29	AVG
9		1.545	24.33	9.61	33.94	56.00	-22.06	QP
10		1.545	14.41	9.61	24.02	46.00	-21.98	AVG
11		5.816	21.50	9.63	31.13	60.00	-28.87	QP
12		5.816	12.21	9.63	21.84	50.00	-28.16	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

Test Voltage:	AC 120V/60Hz
Terminal:	Neutral
Test Mode:	Mode 3 Adapter#3
Remark:	Only worse case is reported.

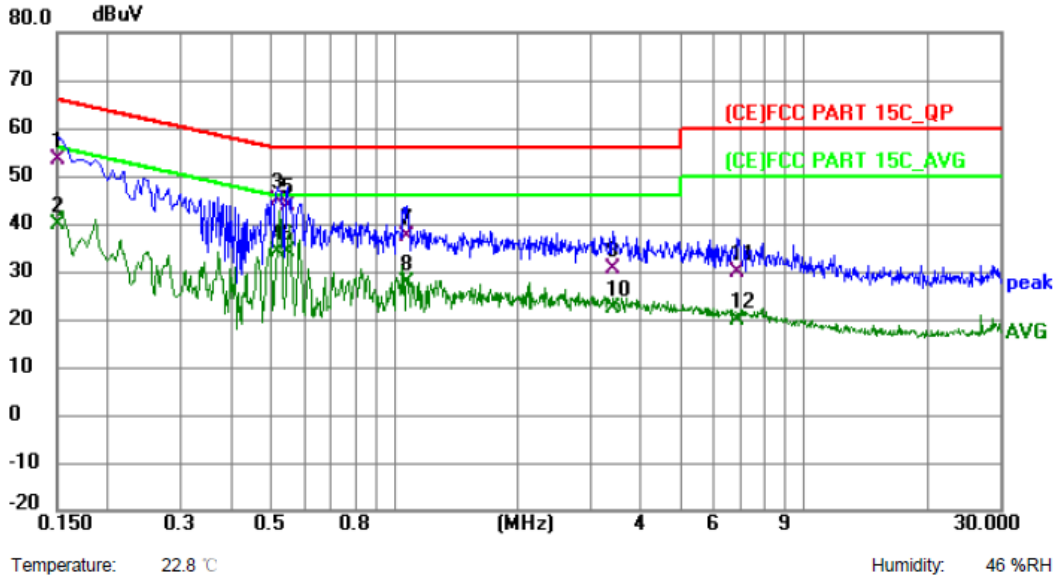


Temperature: 22.8 ℃ Humidity: 46 %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.172	32.28	9.53	41.81	64.86	-23.05	QP
2		0.172	17.68	9.53	27.21	54.86	-27.65	AVG
3		0.239	29.21	9.47	38.68	62.13	-23.45	QP
4		0.239	16.40	9.47	25.87	52.13	-26.26	AVG
5		0.442	32.27	9.47	41.74	57.02	-15.28	QP
6	*	0.442	26.96	9.47	36.43	47.02	-10.59	AVG
7		0.883	24.53	9.46	33.99	56.00	-22.01	QP
8		0.883	16.13	9.46	25.59	46.00	-20.41	AVG
9		2.886	20.82	9.54	30.36	56.00	-25.64	QP
10		2.886	11.13	9.54	20.67	46.00	-25.33	AVG
11		5.559	19.48	9.55	29.03	60.00	-30.97	QP
12		5.559	10.04	9.55	19.59	50.00	-30.41	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

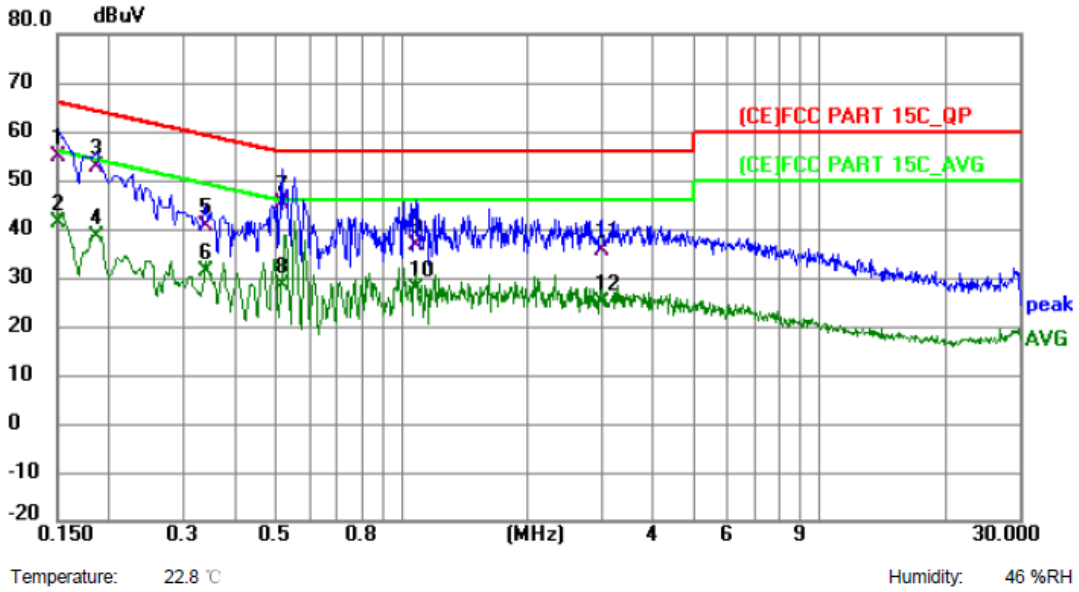
Test Voltage:	AC 120V/60Hz
Terminal:	Line
Test Mode:	Mode 4 Adapter#4
Remark:	Only worse case is reported.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.150	43.73	9.62	53.35	66.00	-12.65	QP
2		0.150	30.06	9.62	39.68	56.00	-16.32	AVG
3	*	0.514	35.28	9.47	44.75	56.00	-11.25	QP
4		0.514	24.70	9.47	34.17	46.00	-11.83	AVG
5		0.546	34.45	9.47	43.92	56.00	-12.08	QP
6		0.546	24.54	9.47	34.01	46.00	-11.99	AVG
7		1.073	27.68	9.61	37.29	56.00	-18.71	QP
8		1.073	17.99	9.61	27.60	46.00	-18.40	AVG
9		3.417	21.02	9.54	30.56	56.00	-25.44	QP
10		3.417	12.90	9.54	22.44	46.00	-23.56	AVG
11		6.909	20.14	9.66	29.80	60.00	-30.20	QP
12		6.909	10.06	9.66	19.72	50.00	-30.28	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

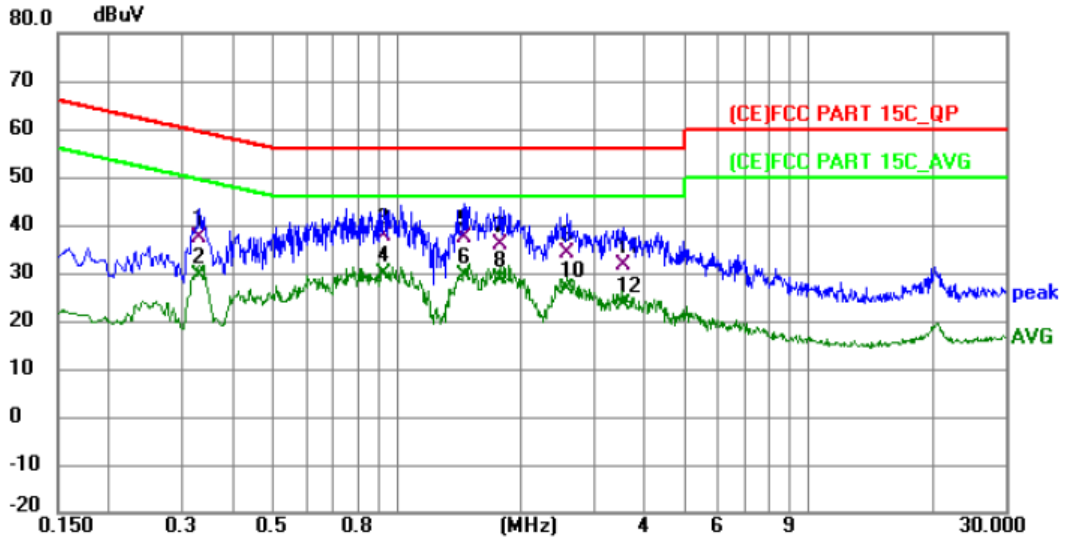
Test Voltage:	AC 120V/60Hz
Terminal:	Neutral
Test Mode:	Mode 4 Adapter#4
Remark:	Only worse case is reported.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.150	45.34	9.56	54.90	66.00	-11.10	QP
2		0.150	31.57	9.56	41.13	56.00	-14.87	AVG
3		0.186	43.03	9.52	52.55	64.21	-11.66	QP
4		0.186	29.04	9.52	38.56	54.21	-15.65	AVG
5		0.339	30.92	9.47	40.39	59.23	-18.84	QP
6		0.339	21.86	9.47	31.33	49.23	-17.90	AVG
7	*	0.514	35.61	9.45	45.06	56.00	-10.94	QP
8		0.514	19.07	9.45	28.52	46.00	-17.48	AVG
9		1.081	27.14	9.47	36.61	56.00	-19.39	QP
10		1.081	18.37	9.47	27.84	46.00	-18.16	AVG
11		3.007	26.01	9.53	35.54	56.00	-20.46	QP
12		3.007	15.25	9.53	24.78	46.00	-21.22	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

Test Voltage:	AC 120V/60Hz
Terminal:	Line
Test Mode:	Mode 5 Adapter#5
Remark:	Only worse case is reported.

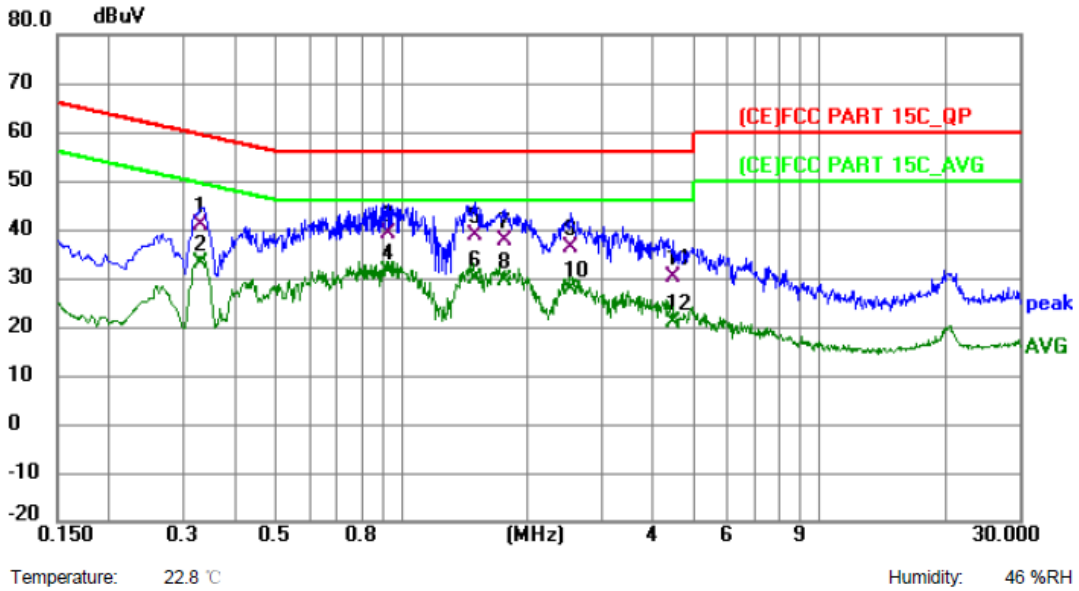


Temperature: 22.8 ℃ Humidity: 46 %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.330	27.86	9.48	37.34	59.45	-22.11	QP
2		0.330	20.13	9.48	29.61	49.45	-19.84	AVG
3		0.924	27.98	9.56	37.54	56.00	-18.46	QP
4	*	0.924	20.31	9.56	29.87	46.00	-16.13	AVG
5		1.455	27.58	9.62	37.20	56.00	-18.80	QP
6		1.455	19.97	9.62	29.59	46.00	-16.41	AVG
7		1.774	26.39	9.60	35.99	56.00	-20.01	QP
8		1.774	19.15	9.60	28.75	46.00	-17.25	AVG
9		2.594	24.64	9.59	34.23	56.00	-21.77	QP
10		2.594	17.13	9.59	26.72	46.00	-19.28	AVG
11		3.557	22.04	9.53	31.57	56.00	-24.43	QP
12		3.557	13.96	9.53	23.49	46.00	-22.51	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

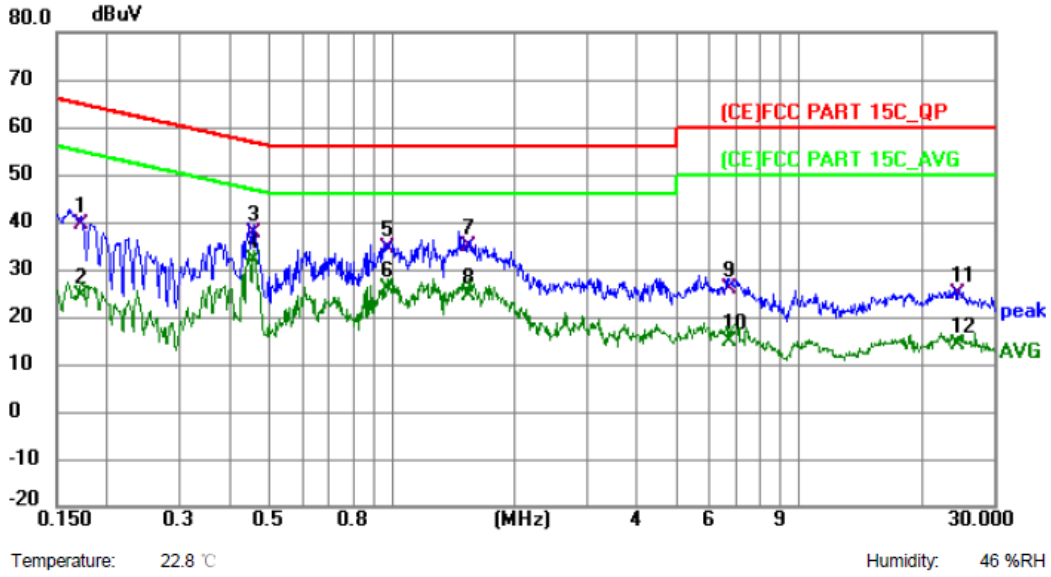
Test Voltage:	AC 120V/60Hz
Terminal:	Neutral
Test Mode:	Mode 5 Adapter#5
Remark:	Only worse case is reported.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.330	31.39	9.47	40.86	59.45	-18.59	QP
2		0.330	23.52	9.47	32.99	49.45	-16.46	AVG
3		0.928	29.68	9.47	39.15	56.00	-16.85	QP
4	*	0.928	21.75	9.47	31.22	46.00	-14.78	AVG
5		1.509	29.26	9.48	38.74	56.00	-17.26	QP
6		1.509	20.27	9.48	29.75	46.00	-16.25	AVG
7		1.756	28.04	9.49	37.53	56.00	-18.47	QP
8		1.756	19.83	9.49	29.32	46.00	-16.68	AVG
9		2.544	26.66	9.56	36.22	56.00	-19.78	QP
10		2.544	18.11	9.56	27.67	46.00	-18.33	AVG
11		4.461	20.68	9.52	30.20	56.00	-25.80	QP
12		4.461	11.55	9.52	21.07	46.00	-24.93	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

Test Voltage:	AC 120V/60Hz
Terminal:	Line
Test Mode:	Mode 1 Adapter#1& Difference prototype 1#
Remark:	Only worse case is reported.

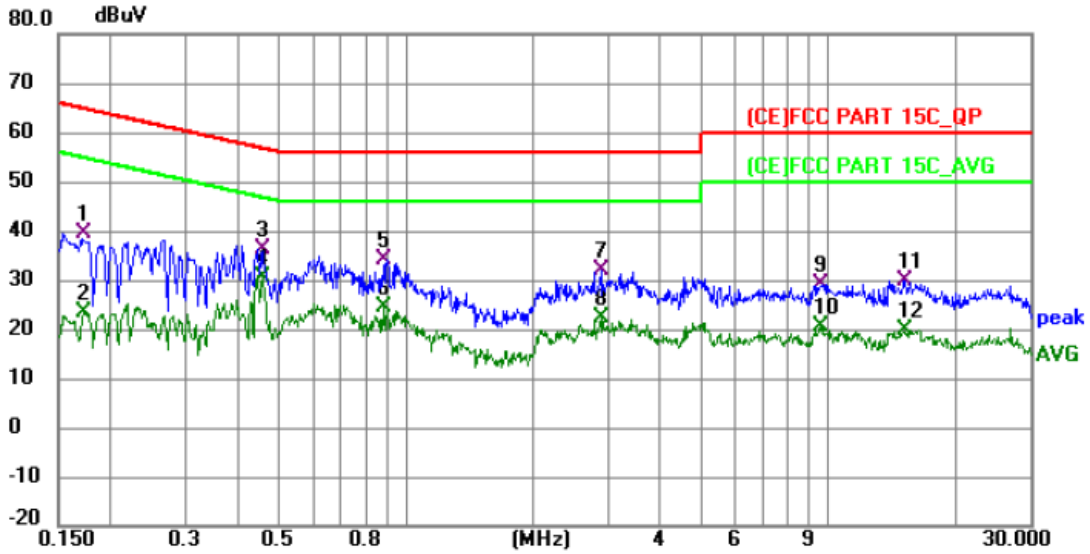


Temperature: 22.8 ℃ Humidity: 46 %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.172	29.99	9.55	39.54	64.86	-25.32	QP
2		0.172	14.75	9.55	24.30	54.86	-30.56	AVG
3		0.456	28.24	9.47	37.71	56.77	-19.06	QP
4	*	0.456	22.59	9.47	32.06	46.77	-14.71	AVG
5		0.978	24.93	9.58	34.51	56.00	-21.49	QP
6		0.978	16.34	9.58	25.92	46.00	-20.08	AVG
7		1.545	25.33	9.61	34.94	56.00	-21.06	QP
8		1.545	14.91	9.61	24.52	46.00	-21.48	AVG
9		6.756	16.37	9.65	26.02	60.00	-33.98	QP
10		6.756	5.15	9.65	14.80	50.00	-35.20	AVG
11		24.590	14.55	10.35	24.90	60.00	-35.10	QP
12		24.590	3.90	10.35	14.25	50.00	-35.75	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

Test Voltage:	AC 120V/60Hz
Terminal:	Neutral
Test Mode:	Mode 1 Adapter#1& Difference prototype 1#
Remark:	Only worse case is reported.

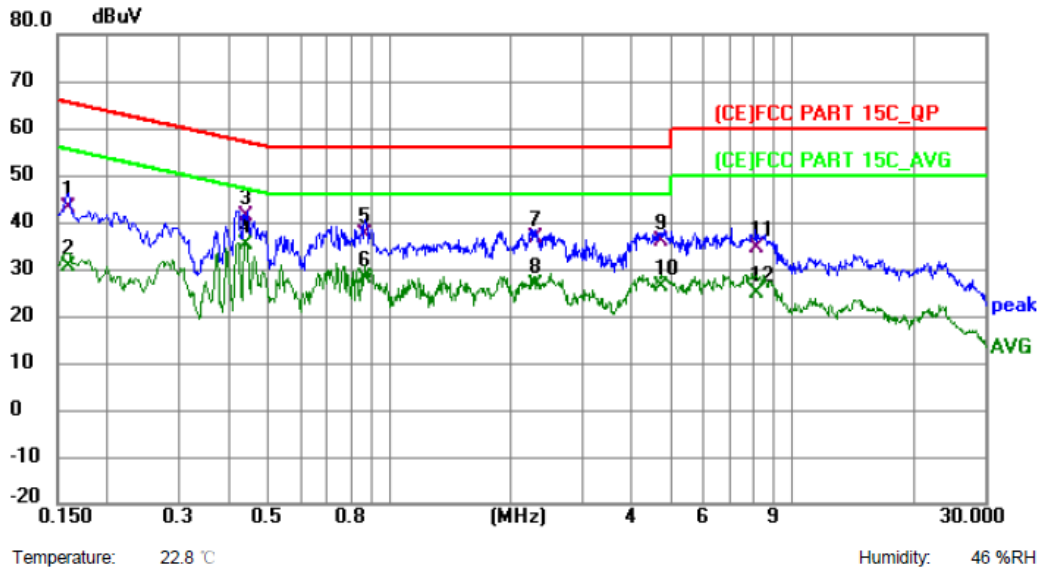


Temperature: 22.8 ℃ Humidity: 46 %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.172	29.83	9.53	39.36	64.86	-25.50	QP
2		0.172	13.71	9.53	23.24	54.86	-31.62	AVG
3		0.456	26.78	9.46	36.24	56.77	-20.53	QP
4	*	0.456	21.25	9.46	30.71	46.77	-16.06	AVG
5		0.883	24.53	9.46	33.99	56.00	-22.01	QP
6		0.883	15.13	9.46	24.59	46.00	-21.41	AVG
7		2.886	22.32	9.54	31.86	56.00	-24.14	QP
8		2.886	12.63	9.54	22.17	46.00	-23.83	AVG
9		9.614	19.44	9.55	28.99	60.00	-31.01	QP
10		9.614	11.00	9.55	20.55	50.00	-29.45	AVG
11		15.220	20.12	9.68	29.80	60.00	-30.20	QP
12		15.220	10.06	9.68	19.74	50.00	-30.26	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

Test Voltage:	AC 120V/60Hz
Terminal:	Line
Test Mode:	Mode 1 Adapter#1& Difference prototype 2#
Remark:	Only worse case is reported.

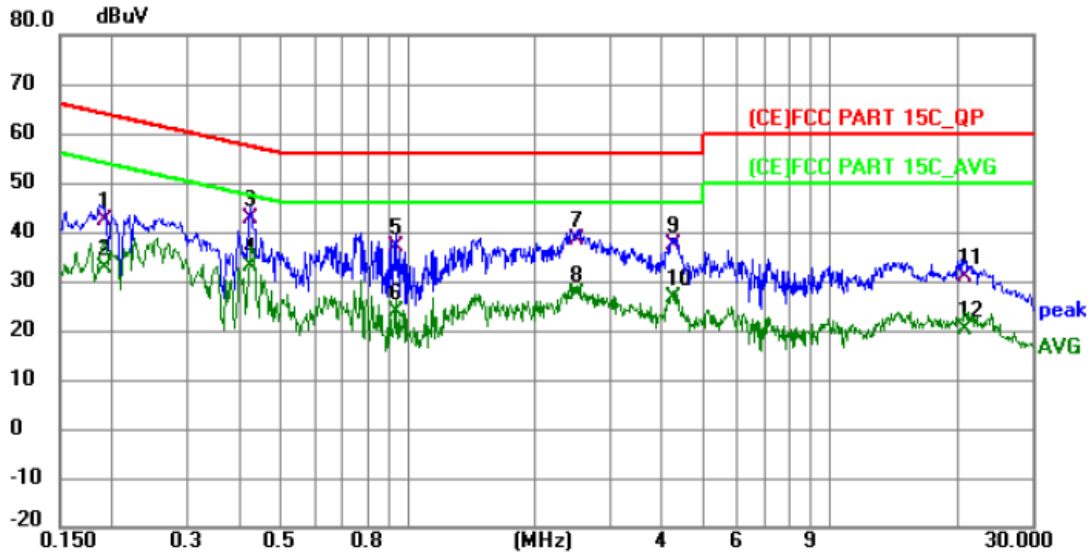


Temperature: 22.8 ℃ Humidity: 46 %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.159	33.58	9.58	43.16	65.52	-22.36	QP
2		0.159	20.93	9.58	30.51	55.52	-25.01	AVG
3		0.438	31.71	9.47	41.18	57.10	-15.92	QP
4	*	0.438	25.72	9.47	35.19	47.10	-11.91	AVG
5		0.875	27.90	9.52	37.42	56.00	-18.58	QP
6		0.875	18.41	9.52	27.93	46.00	-18.07	AVG
7		2.310	26.86	9.59	36.45	56.00	-19.55	QP
8		2.310	16.86	9.59	26.45	46.00	-19.55	AVG
9		4.718	26.25	9.56	35.81	56.00	-20.19	QP
10		4.718	16.58	9.56	26.14	46.00	-19.86	AVG
11		8.182	24.73	9.63	34.36	60.00	-25.64	QP
12		8.182	15.05	9.63	24.68	50.00	-25.32	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

Test Voltage:	AC 120V/60Hz
Terminal:	Neutral
Test Mode:	Mode 1 Adapter#1& Difference prototype 2#
Remark:	Only worse case is reported.

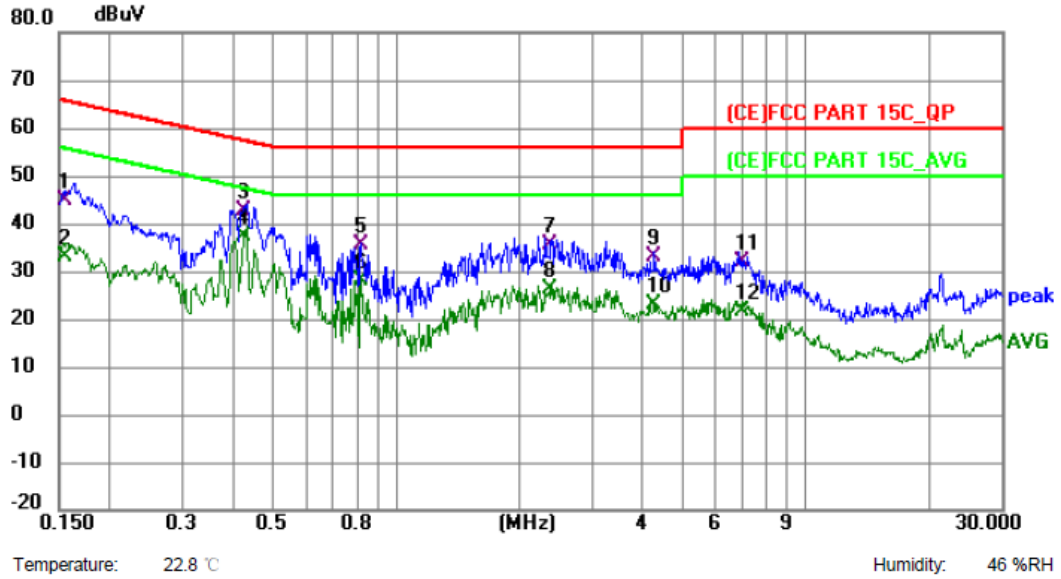


Temperature: 22.8 ℃ Humidity: 46 %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.191	32.88	9.52	42.40	63.99	-21.59	QP
2		0.191	23.19	9.52	32.71	53.99	-21.28	AVG
3		0.424	33.19	9.47	42.66	57.37	-14.71	QP
4	*	0.424	23.56	9.47	33.03	47.37	-14.34	AVG
5		0.938	27.48	9.47	36.95	56.00	-19.05	QP
6		0.938	14.39	9.47	23.86	46.00	-22.14	AVG
7		2.517	28.93	9.56	38.49	56.00	-17.51	QP
8		2.517	17.64	9.56	27.20	46.00	-18.80	AVG
9		4.250	27.80	9.51	37.31	56.00	-18.69	QP
10		4.250	16.94	9.51	26.45	46.00	-19.55	AVG
11		20.841	20.81	9.98	30.79	60.00	-29.21	QP
12		20.841	10.34	9.98	20.32	50.00	-29.68	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

Test Voltage:	AC 120V/60Hz
Terminal:	Line
Test Mode:	Mode 1 Adapter#1& Difference prototype 3#
Remark:	Only worse case is reported.

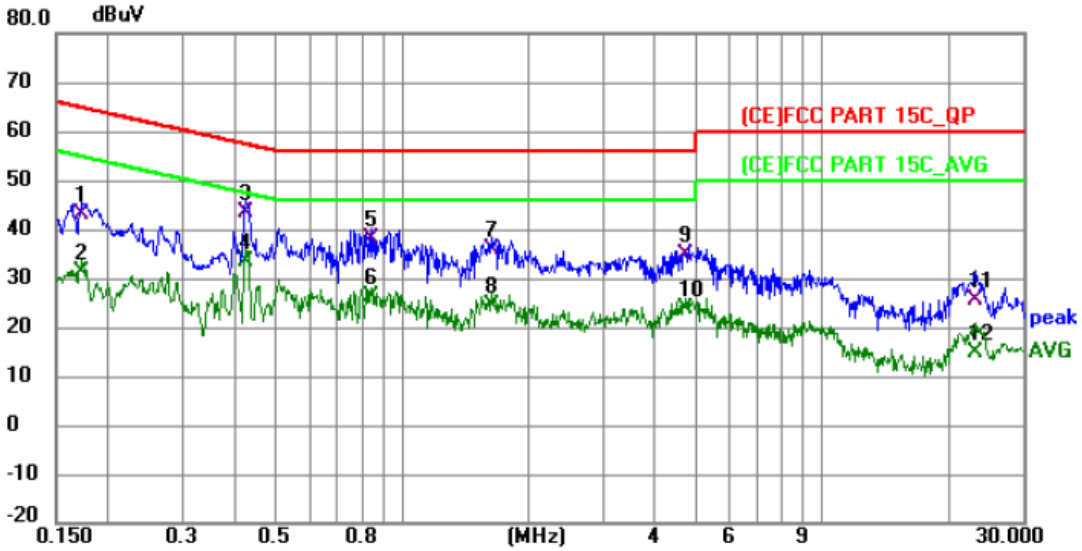


Temperature: 22.8 ℃ Humidity: 46 %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.155	35.40	9.60	45.00	65.73	-20.73	QP
2		0.155	23.40	9.60	33.00	55.73	-22.73	AVG
3		0.424	33.30	9.46	42.76	57.37	-14.61	QP
4	*	0.424	27.90	9.46	37.36	47.37	-10.01	AVG
5		0.821	25.92	9.49	35.41	56.00	-20.59	QP
6		0.821	18.51	9.49	28.00	46.00	-18.00	AVG
7		2.377	25.89	9.58	35.47	56.00	-20.53	QP
8		2.377	16.57	9.58	26.15	46.00	-19.85	AVG
9		4.250	23.60	9.54	33.14	56.00	-22.86	QP
10		4.250	13.33	9.54	22.87	46.00	-23.13	AVG
11		6.954	22.48	9.66	32.14	60.00	-27.86	QP
12		6.954	12.02	9.66	21.68	50.00	-28.32	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

Test Voltage:	AC 120V/60Hz
Terminal:	Neutral
Test Mode:	Mode 1 Adapter#1& Difference prototype 3#
Remark:	Only worse case is reported.

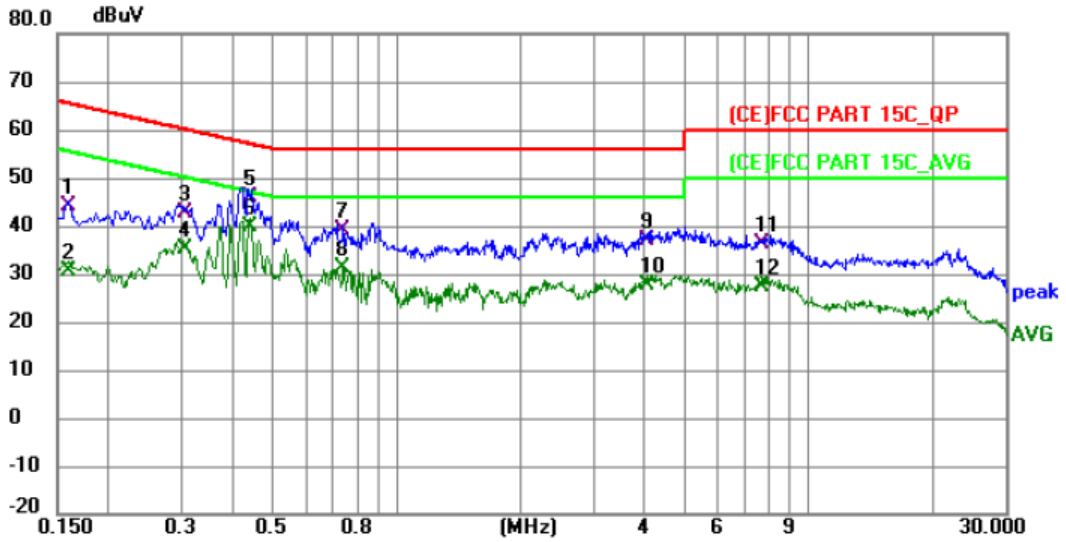


Temperature: 22.8 ℃ Humidity: 46 %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.172	33.61	9.53	43.14	64.86	-21.72	QP
2		0.172	21.67	9.53	31.20	54.86	-23.66	AVG
3		0.424	33.84	9.47	43.31	57.37	-14.06	QP
4	*	0.424	23.92	9.47	33.39	47.37	-13.98	AVG
5		0.843	28.56	9.46	38.02	56.00	-17.98	QP
6		0.843	16.70	9.46	26.16	46.00	-19.84	AVG
7		1.631	26.52	9.49	36.01	56.00	-19.99	QP
8		1.631	14.99	9.49	24.48	46.00	-21.52	AVG
9		4.745	25.24	9.51	34.75	56.00	-21.25	QP
10		4.745	14.25	9.51	23.76	46.00	-22.24	AVG
11		23.212	15.26	10.40	25.66	60.00	-34.34	QP
12		23.212	4.50	10.40	14.90	50.00	-35.10	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

Test Voltage:	AC 120V/60Hz
Terminal:	Line
Test Mode:	Mode 1 Adapter#1& Difference prototype 4#
Remark:	Only worse case is reported.

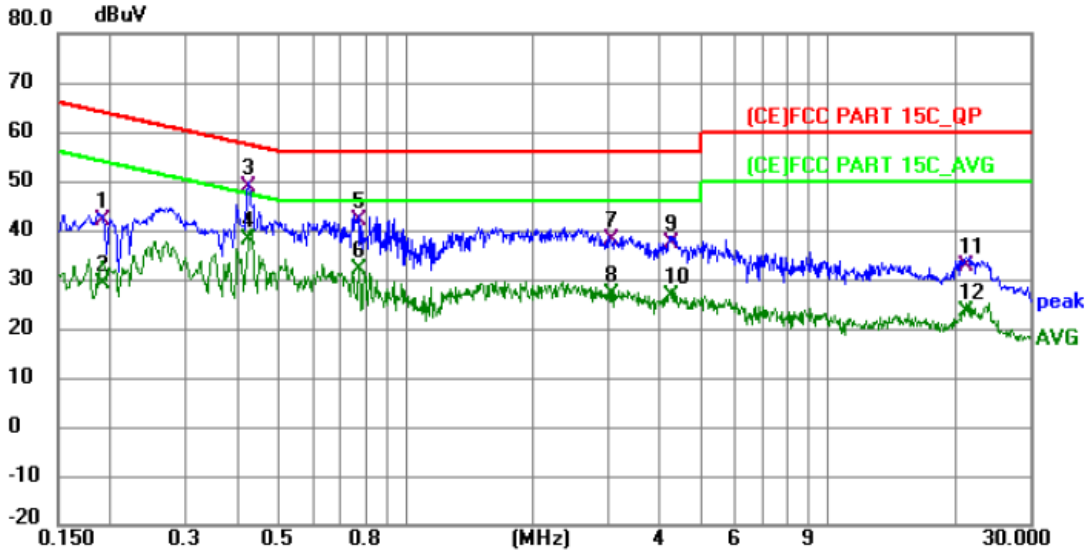


Temperature: 22.8 ℃ Humidity: 46 %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.159	34.58	9.58	44.16	65.52	-21.36	QP
2		0.159	20.93	9.58	30.51	55.52	-25.01	AVG
3		0.307	33.22	9.49	42.71	60.05	-17.34	QP
4		0.307	25.69	9.49	35.18	50.05	-14.87	AVG
5		0.438	36.52	9.47	45.99	57.10	-11.11	QP
6	*	0.438	30.22	9.47	39.69	47.10	-7.41	AVG
7		0.740	29.60	9.48	39.08	56.00	-16.92	QP
8		0.740	21.88	9.48	31.36	46.00	-14.64	AVG
9		4.056	27.53	9.53	37.06	56.00	-18.94	QP
10		4.056	18.28	9.53	27.81	46.00	-18.19	AVG
11		7.652	26.45	9.64	36.09	60.00	-23.91	QP
12		7.652	17.76	9.64	27.40	50.00	-22.60	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

Test Voltage:	AC 120V/60Hz
Terminal:	Neutral
Test Mode:	Mode 1 Adapter#1& Difference prototype 4#
Remark:	Only worse case is reported.

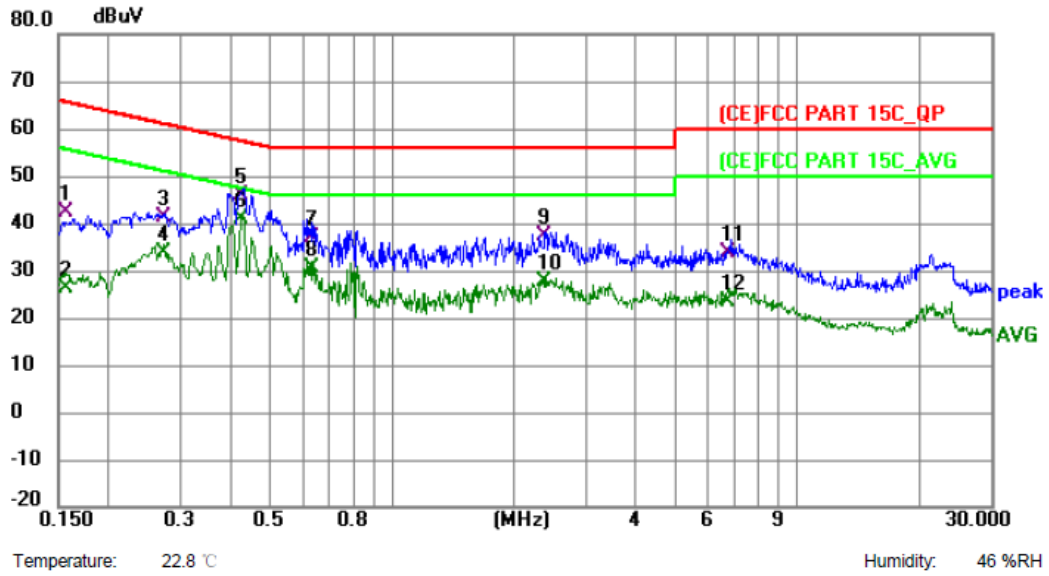


Temperature: 22.8 ℃ Humidity: 46 %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.191	32.38	9.52	41.90	63.99	-22.09	QP
2		0.191	19.69	9.52	29.21	53.99	-24.78	AVG
3	*	0.424	39.19	9.47	48.66	57.37	-8.71	QP
4		0.424	28.56	9.47	38.03	47.37	-9.34	AVG
5		0.771	32.40	9.47	41.87	56.00	-14.13	QP
6		0.771	22.65	9.47	32.12	46.00	-13.88	AVG
7		3.062	28.49	9.52	38.01	56.00	-17.99	QP
8		3.062	17.41	9.52	26.93	46.00	-19.07	AVG
9		4.250	27.80	9.51	37.31	56.00	-18.69	QP
10		4.250	16.94	9.51	26.45	46.00	-19.55	AVG
11		21.323	22.43	10.12	32.55	60.00	-27.45	QP
12		21.323	13.13	10.12	23.25	50.00	-26.75	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

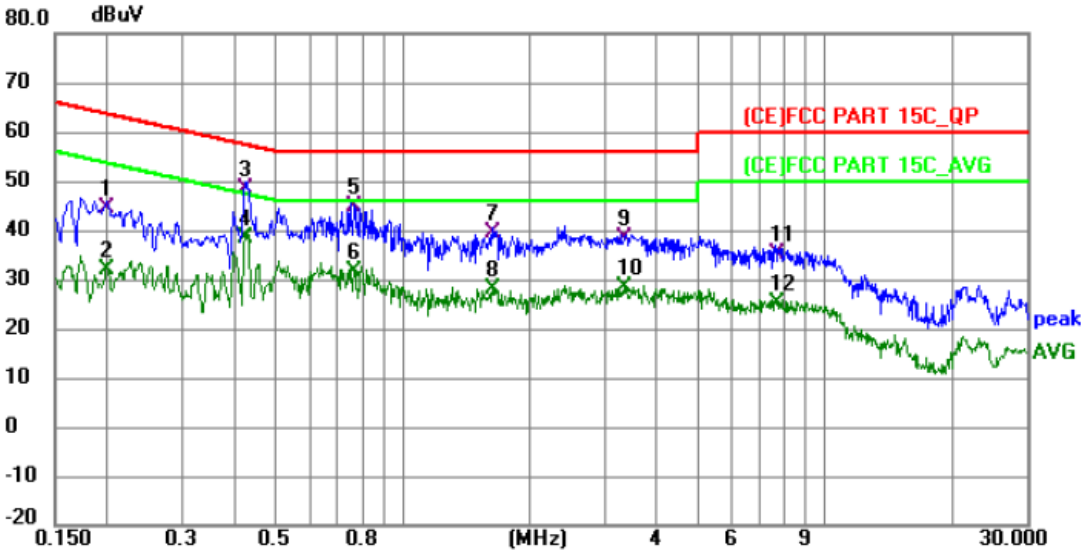
Test Voltage:	AC 120V/60Hz
Terminal:	Line
Test Mode:	Mode 1 Adapter#1& Difference prototype 5#
Remark:	Only worse case is reported.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.157	32.62	9.59	42.21	65.62	-23.41	QP
2		0.157	16.69	9.59	26.28	55.62	-29.34	AVG
3		0.272	31.77	9.49	41.26	61.06	-19.80	QP
4		0.272	24.40	9.49	33.89	51.06	-17.17	AVG
5		0.424	36.30	9.46	45.76	57.37	-11.61	QP
6	*	0.424	31.40	9.46	40.86	47.37	-6.51	AVG
7		0.636	27.40	9.48	36.88	56.00	-19.12	QP
8		0.636	21.10	9.48	30.58	46.00	-15.42	AVG
9		2.377	27.59	9.58	37.17	56.00	-18.83	QP
10		2.377	18.07	9.58	27.65	46.00	-18.35	AVG
11		6.734	23.99	9.65	33.64	60.00	-26.36	QP
12		6.734	13.81	9.65	23.46	50.00	-26.54	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

Test Voltage:	AC 120V/60Hz
Terminal:	Neutral
Test Mode:	Mode 1 Adapter#1& Difference prototype 5#
Remark:	Only worse case is reported.



Temperature: 22.8 ℃ Humidity: 46 %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.200	34.88	9.51	44.39	63.61	-19.22	QP
2		0.200	22.52	9.51	32.03	53.61	-21.58	AVG
3		0.424	38.79	9.47	48.26	57.37	-9.11	QP
4	*	0.424	29.08	9.47	38.55	47.37	-8.82	AVG
5		0.766	35.21	9.47	44.68	56.00	-11.32	QP
6		0.766	22.30	9.47	31.77	46.00	-14.23	AVG
7		1.631	30.02	9.49	39.51	56.00	-16.49	QP
8		1.631	18.49	9.49	27.98	46.00	-18.02	AVG
9		3.345	28.98	9.49	38.47	56.00	-17.53	QP
10		3.345	18.86	9.49	28.35	46.00	-17.65	AVG
11		7.697	25.60	9.56	35.16	60.00	-24.84	QP
12		7.697	15.50	9.56	25.06	50.00	-24.94	AVG

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

Attachment B-- Radiated Emission Test Data

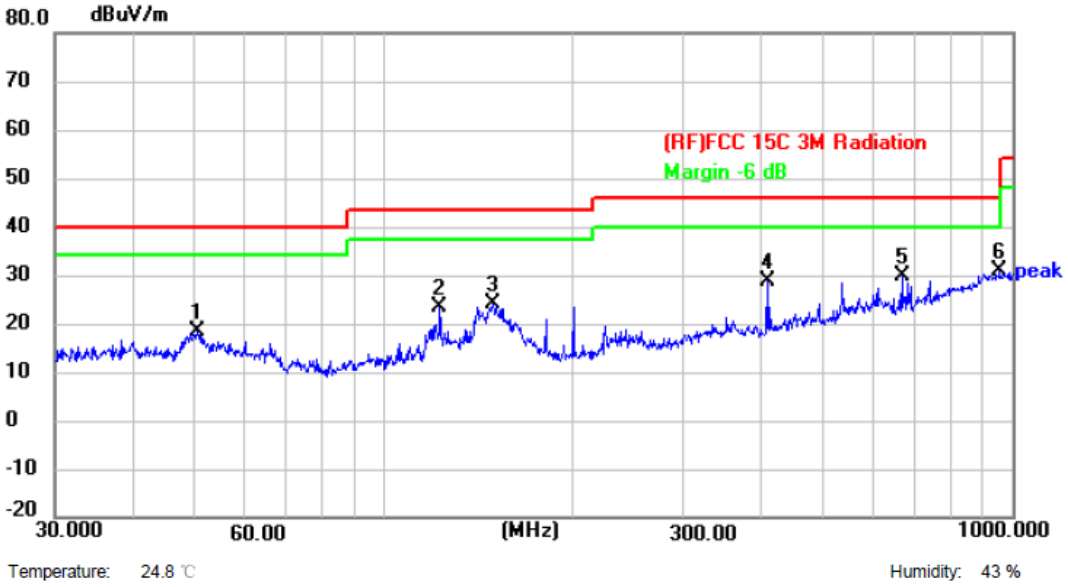
9KHz~30MHz

From 9KHz to 30MHz: Conclusion: PASS

Note: The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

30MHz~1GHz

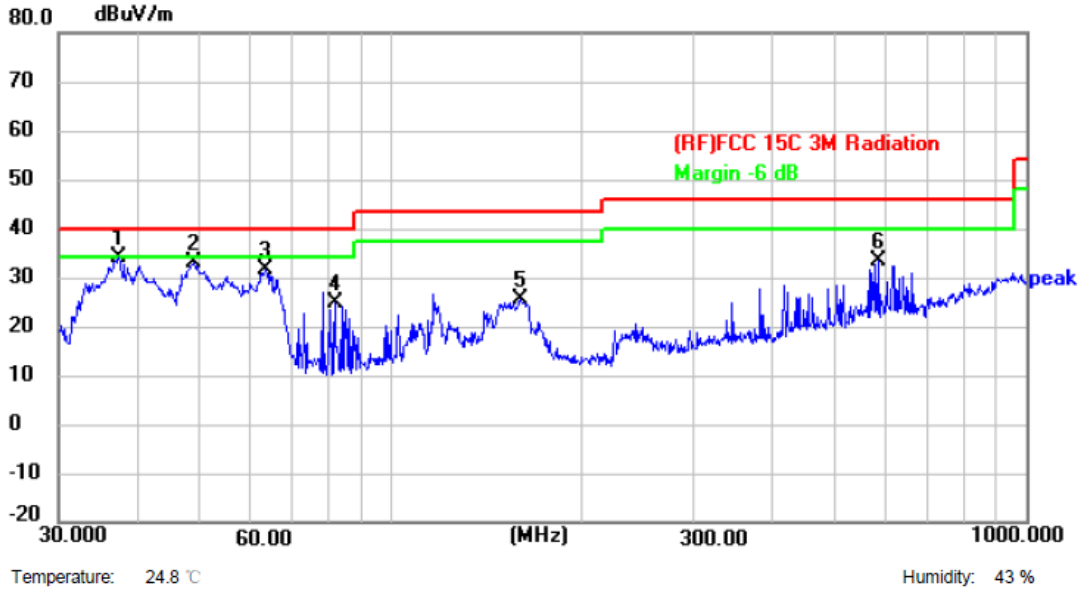
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Horizontal
Test Mode:	Mode 6 Adapter1#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	50.5860	42.92	-24.58	18.34	40.00	-21.66	peak	P
2	122.8340	46.89	-23.44	23.45	43.50	-20.05	peak	P
3	148.9624	44.92	-20.91	24.01	43.50	-19.49	peak	P
4	407.5144	47.78	-19.15	28.63	46.00	-17.37	peak	P
5	668.1422	43.32	-13.40	29.92	46.00	-16.08	peak	P
6 *	955.4380	38.31	-7.47	30.84	46.00	-15.16	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

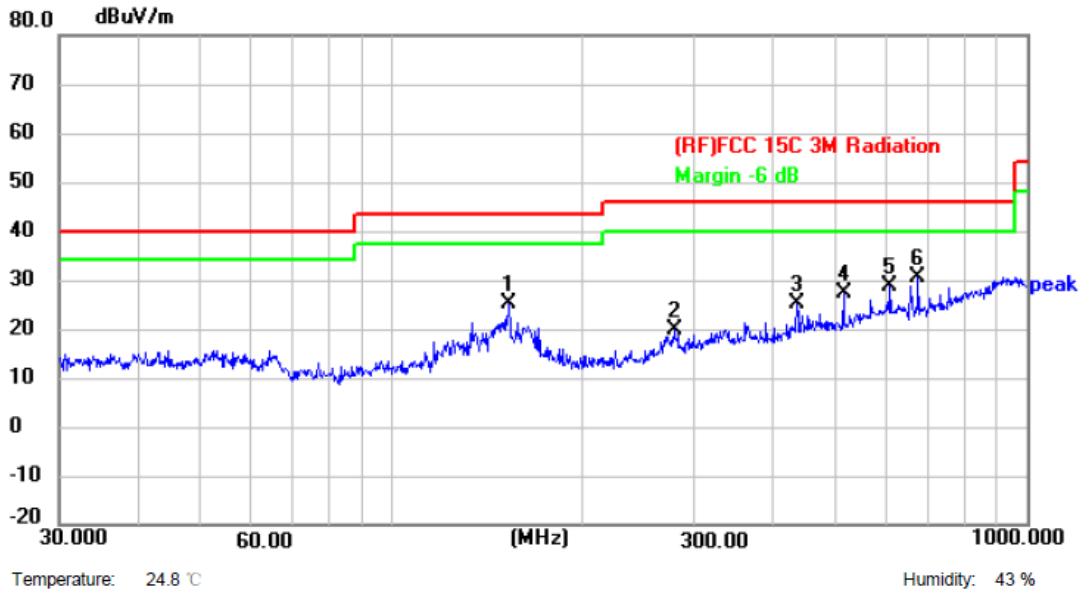
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Vertical
Test Mode:	Mode 6 Adapter1#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	37.4164	57.98	-23.82	34.16	40.00	-5.84	peak	P
2	48.8428	57.45	-24.59	32.86	40.00	-7.14	peak	P
3	63.5356	56.21	-24.52	31.69	40.00	-8.31	peak	P
4	81.7832	52.19	-27.28	24.91	40.00	-15.09	peak	P
5	159.7844	46.81	-21.40	25.41	43.50	-18.09	peak	P
6	584.7894	47.81	-14.32	33.49	46.00	-12.51	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
3. Margin (dB) = QuasiPeak (dBµV/m)-Limit QPK(dBµV/m)

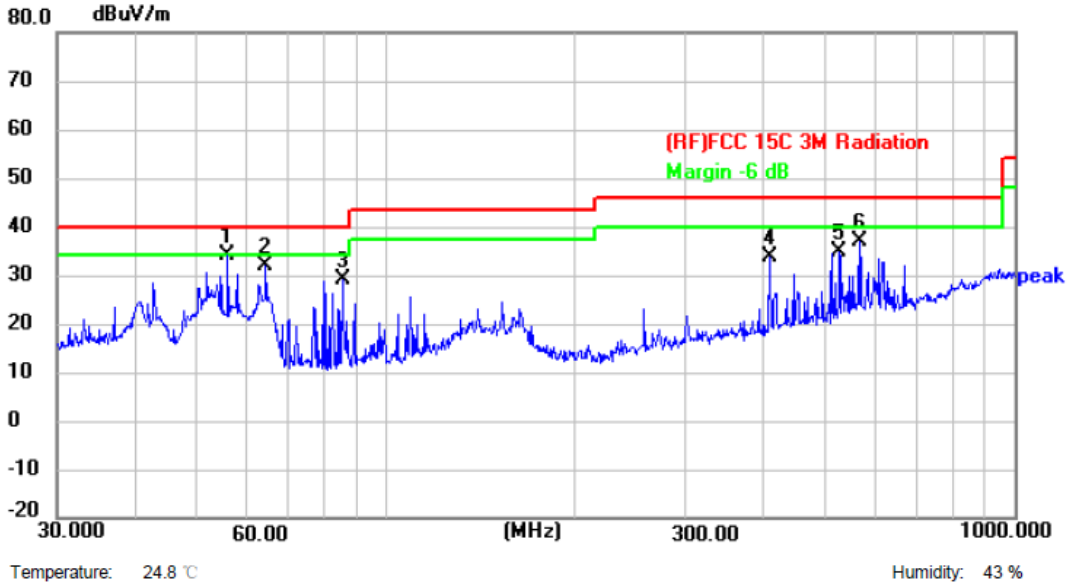
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Horizontal
Test Mode:	Mode 7 Adapter2#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	153.2003	46.46	-21.28	25.18	43.50	-18.32	peak	P
2	279.0436	42.01	-22.14	19.87	46.00	-26.13	peak	P
3	434.0650	42.70	-17.38	25.32	46.00	-20.68	peak	P
4	515.4373	43.63	-16.31	27.32	46.00	-18.68	peak	P
5	609.9217	42.39	-13.79	28.60	46.00	-17.40	peak	P
6 *	675.2080	44.62	-14.10	30.52	46.00	-15.48	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

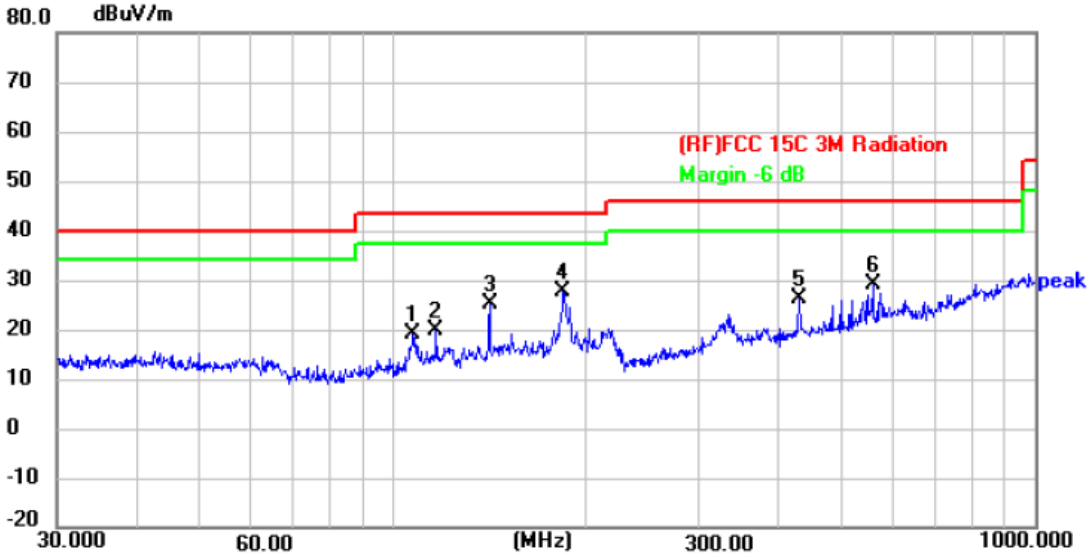
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Vertical
Test Mode:	Mode 7 Adapter2#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	56.0007	58.93	-24.77	34.16	40.00	-5.84	peak	P
2	64.4330	56.32	-24.51	31.81	40.00	-8.19	peak	P
3	85.2980	56.34	-27.06	29.28	40.00	-10.72	peak	P
4	407.5144	52.88	-19.15	33.73	46.00	-12.27	peak	P
5	526.3967	50.88	-15.94	34.94	46.00	-11.06	peak	P
6	568.6126	51.28	-14.37	36.91	46.00	-9.09	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

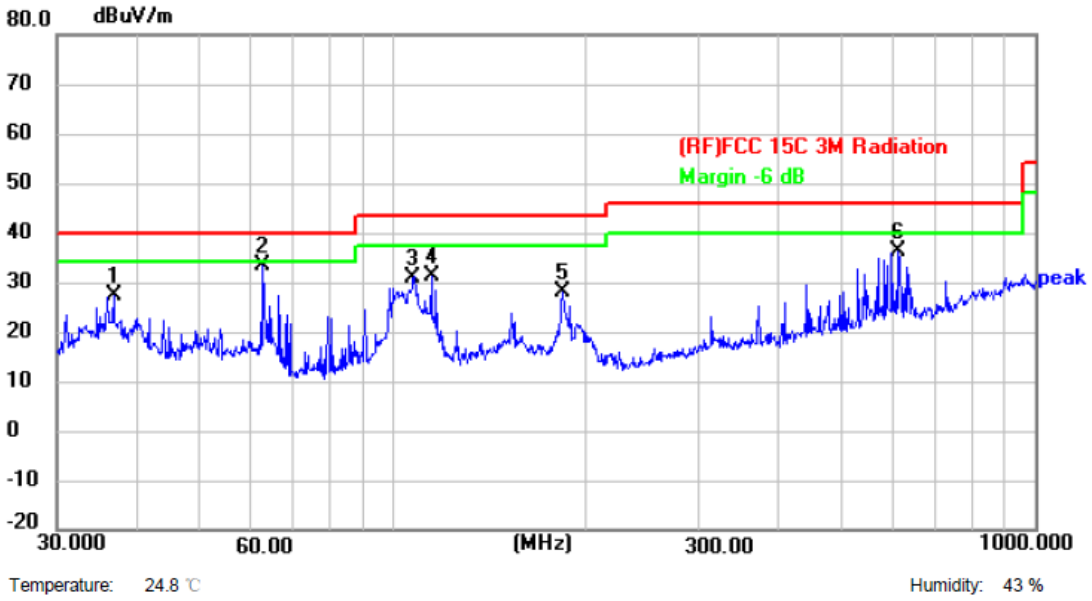
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Horizontal
Test Mode:	Mode 8 Adapter3#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	107.5100	43.91	-24.73	19.18	43.50	-24.32	peak	P
2	116.9493	44.12	-24.26	19.86	43.50	-23.64	peak	P
3	141.8262	47.58	-22.24	25.34	43.50	-18.16	peak	P
4 *	184.4898	52.08	-24.37	27.71	43.50	-15.79	peak	P
5	429.5228	44.06	-17.76	26.30	46.00	-19.70	peak	P
6	558.7300	43.71	-14.56	29.15	46.00	-16.85	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

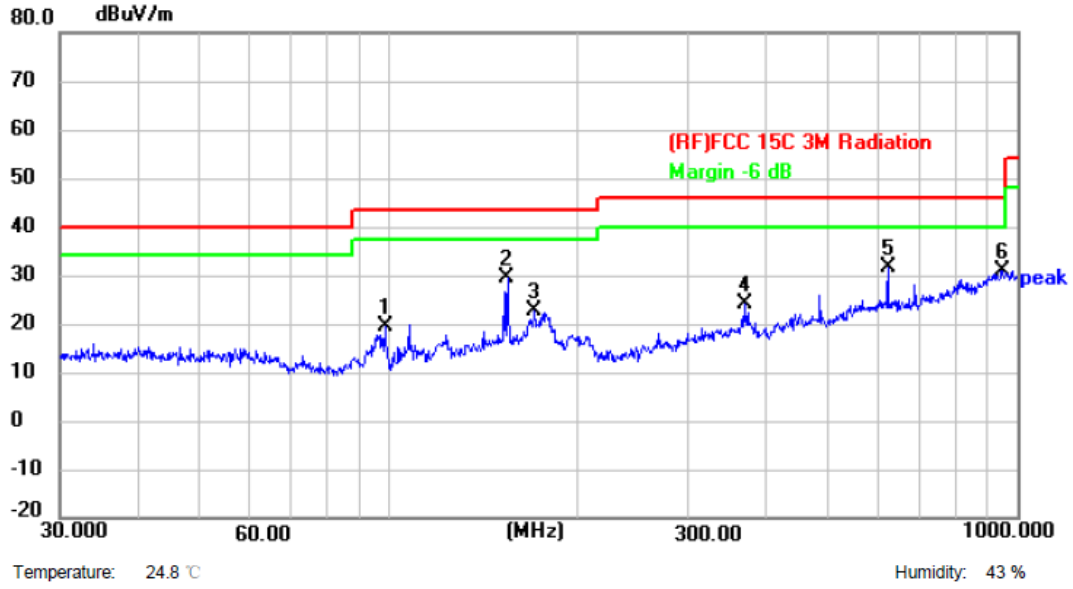
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Vertical
Test Mode:	Mode 8 Adapter3#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	36.7661	50.83	-23.65	27.18	40.00	-12.82	peak	P
2 *	62.8707	58.23	-24.95	33.28	40.00	-6.72	peak	P
3	107.5100	55.49	-24.73	30.76	43.50	-12.74	peak	P
4	114.9168	55.79	-24.46	31.33	43.50	-12.17	peak	P
5	183.8440	52.11	-23.96	28.15	43.50	-15.35	peak	P
6	614.2142	49.87	-13.69	36.18	46.00	-9.82	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

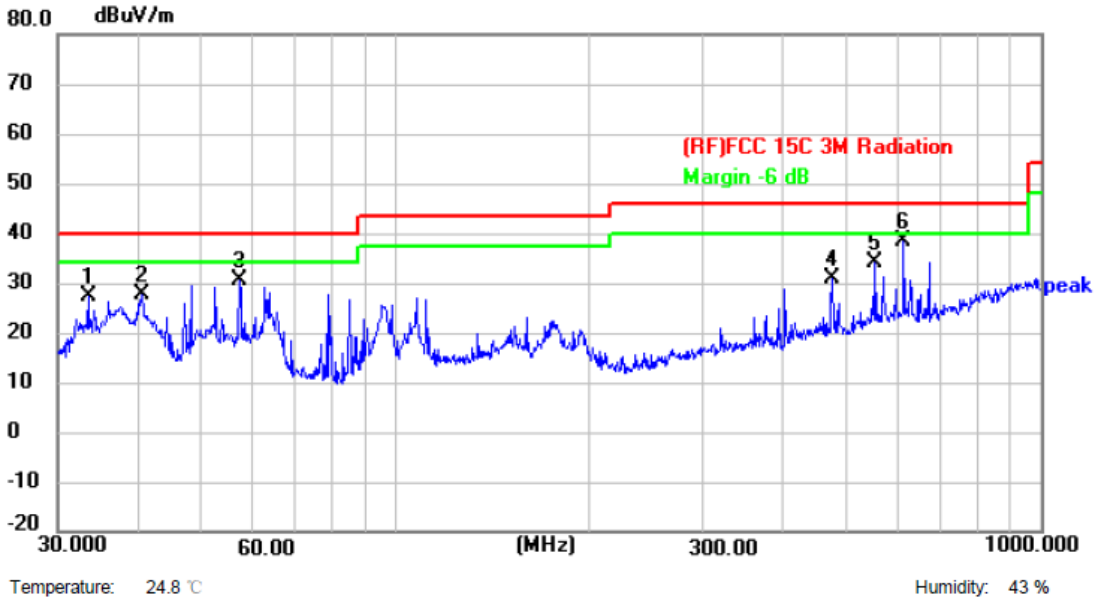
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Horizontal
Test Mode:	Mode 9 Adapter4#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	98.8324	45.68	-26.07	19.61	43.50	-23.89	peak	P
2 *	154.8204	51.33	-21.83	29.50	43.50	-14.00	peak	P
3	170.7926	45.12	-22.40	22.72	43.50	-20.78	peak	P
4	369.4047	43.93	-19.80	24.13	46.00	-21.87	peak	P
5	622.8900	44.98	-13.54	31.44	46.00	-14.56	peak	P
6	945.4400	37.99	-7.17	30.82	46.00	-15.18	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

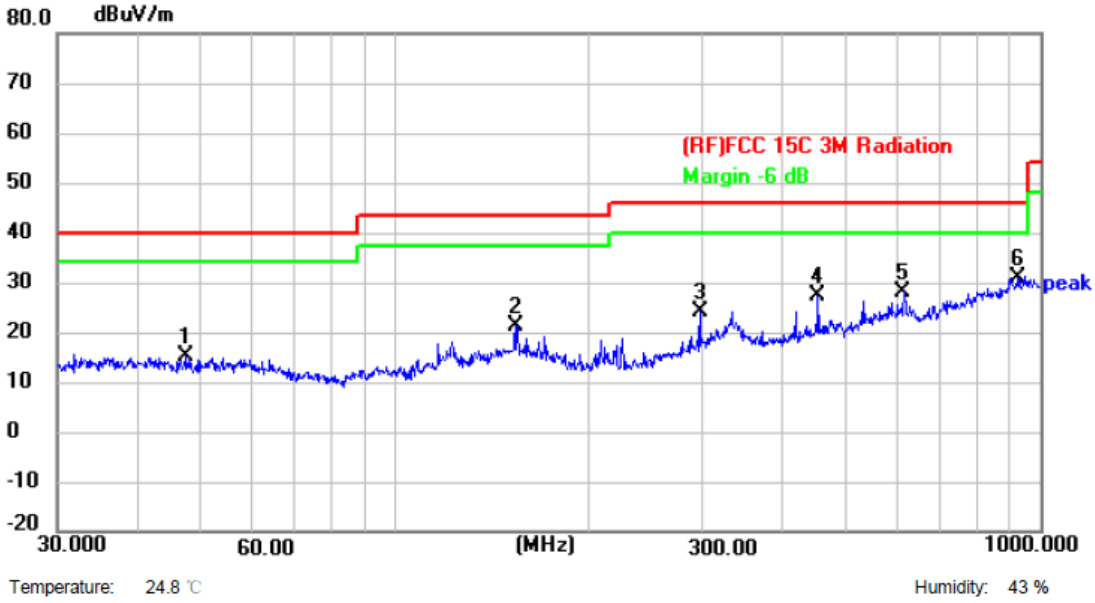
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Vertical
Test Mode:	Mode 9 Adapter4#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	33.4450	51.00	-23.85	27.15	40.00	-12.85	peak	P
2	40.4170	51.40	-23.64	27.76	40.00	-12.24	peak	P
3	57.3923	54.74	-24.16	30.58	40.00	-9.42	peak	P
4	475.4991	47.58	-16.83	30.75	46.00	-15.25	peak	P
5	554.8254	48.32	-14.29	34.03	46.00	-11.97	peak	P
6 *	614.2142	51.99	-13.69	38.30	46.00	-7.70	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

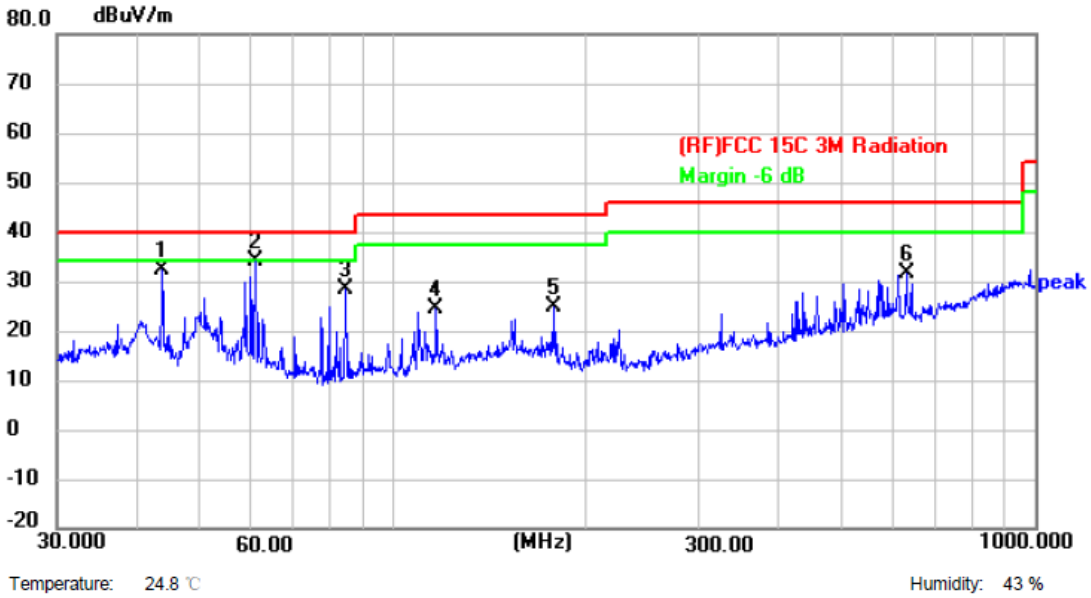
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Horizontal
Test Mode:	Mode 10 Adapter5#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	47.3255	39.36	-24.33	15.03	40.00	-24.97	peak	P
2	154.8204	43.16	-21.83	21.33	43.50	-22.17	peak	P
3	297.2240	45.33	-21.31	24.02	46.00	-21.98	peak	P
4	452.7197	44.63	-17.17	27.46	46.00	-18.54	peak	P
5	616.3716	41.90	-13.71	28.19	46.00	-17.81	peak	P
6 *	922.5157	38.35	-7.55	30.80	46.00	-15.20	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

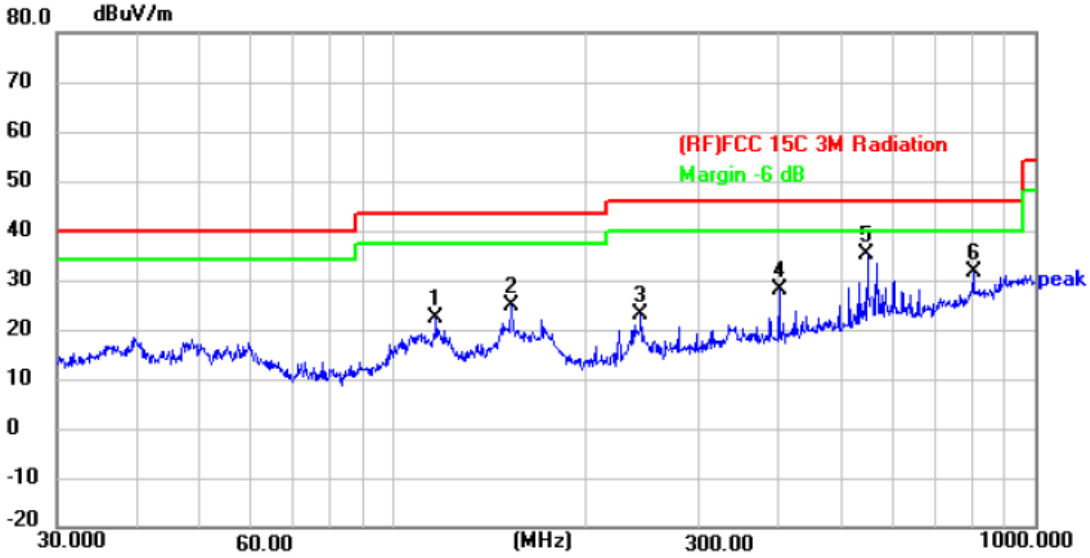
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Vertical
Test Mode:	Mode 10 Adapter5#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	43.8120	56.10	-23.93	32.17	40.00	-7.83	peak	P
2 *	61.1315	58.94	-25.01	33.93	40.00	-6.07	peak	P
3	84.7020	55.66	-27.20	28.46	40.00	-11.54	peak	P
4	116.9494	48.57	-24.26	24.31	43.50	-19.19	peak	P
5	178.7584	48.05	-23.28	24.77	43.50	-18.73	peak	P
6	631.6883	45.06	-13.30	31.76	46.00	-14.24	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
3. Margin (dB) = QuasiPeak (dBµV/m)-Limit QPK(dBµV/m)

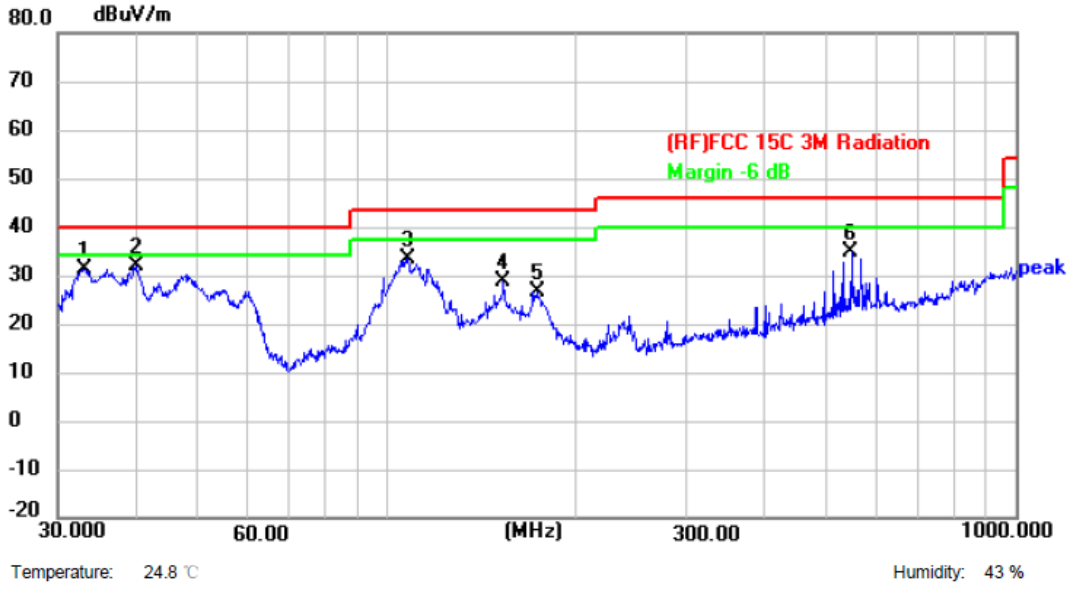
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Horizontal
Test Mode:	Mode 6 Adapter#1& Difference prototype 1#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	116.9493	46.65	-24.26	22.39	43.50	-21.11	peak	P
2	152.6640	46.18	-21.39	24.79	43.50	-18.71	peak	P
3	243.3771	46.97	-23.94	23.03	46.00	-22.97	peak	P
4	400.4318	48.04	-19.95	28.09	46.00	-17.91	peak	P
5 *	549.0193	49.81	-14.76	35.05	46.00	-10.95	peak	P
6	801.7862	41.29	-9.86	31.43	46.00	-14.57	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

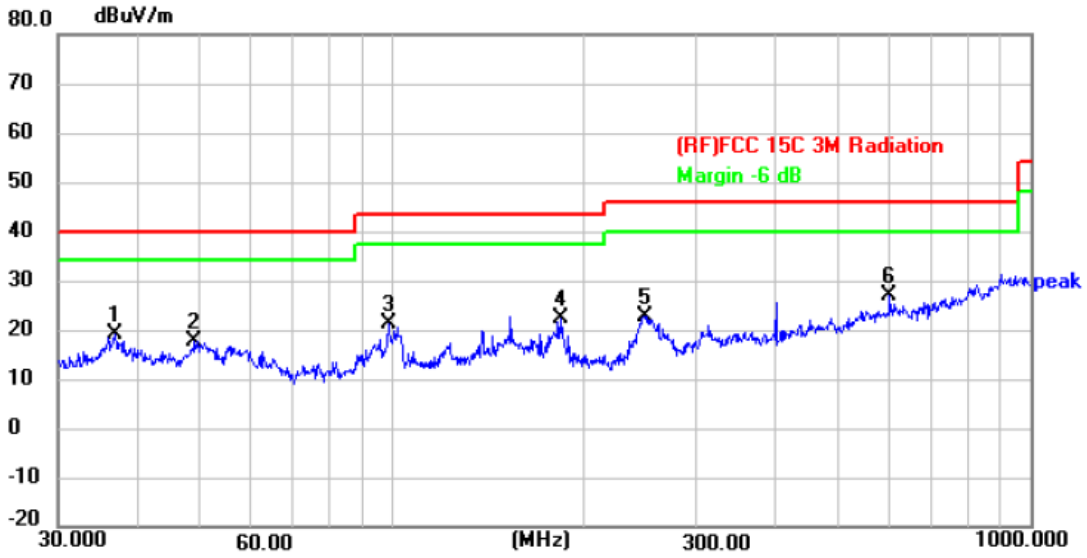
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Vertical
Test Mode:	Mode 6 Adapter#1& Difference prototype 1#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	33.0950	55.08	-23.77	31.31	40.00	-8.69	peak	P
2 *	40.1347	55.44	-23.46	31.98	40.00	-8.02	peak	P
3	107.8877	58.04	-24.55	33.49	43.50	-10.01	peak	P
4	153.2003	50.20	-21.28	28.92	43.50	-14.58	peak	P
5	173.2050	49.54	-22.89	26.65	43.50	-16.85	peak	P
6	549.0193	49.55	-14.76	34.79	46.00	-11.21	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

Test Voltage:	AC 120V/60Hz
Ant. Pol.	Horizontal
Test Mode:	Mode 6 Adapter#1& Difference prototype 2#
Remark:	Only worse case is reported

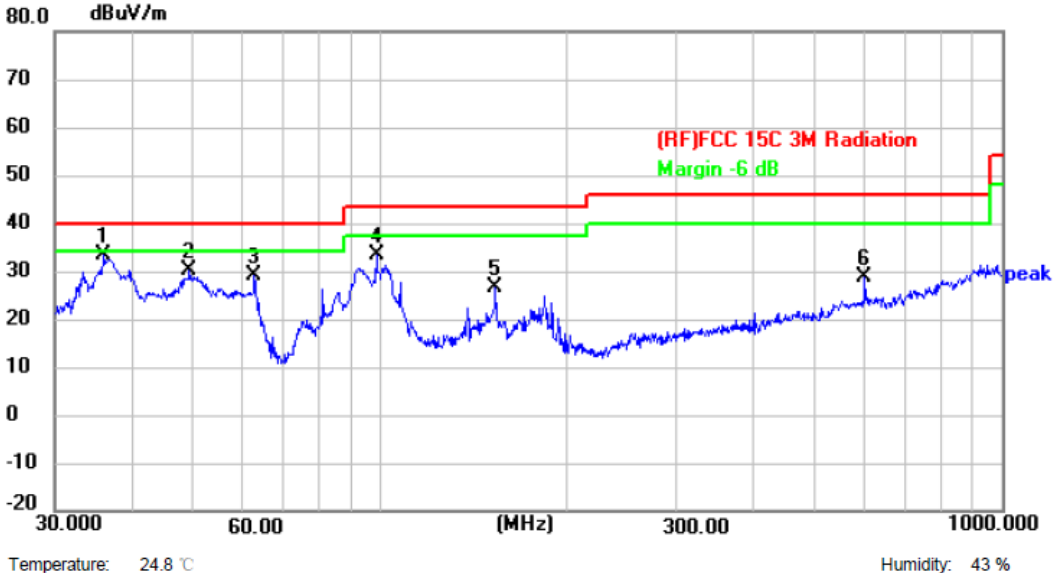


Temperature: 24.8 ℃ Humidity: 43 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	36.7661	42.60	-23.65	18.95	40.00	-21.05	peak	P
2	49.0144	42.22	-24.66	17.56	40.00	-22.44	peak	P
3	98.8324	47.28	-26.07	21.21	43.50	-22.29	peak	P
4	184.4898	46.72	-24.37	22.35	43.50	-21.15	peak	P
5	249.4250	47.03	-24.18	22.85	46.00	-23.15	peak	P
6 *	601.4265	40.96	-13.83	27.13	46.00	-18.87	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

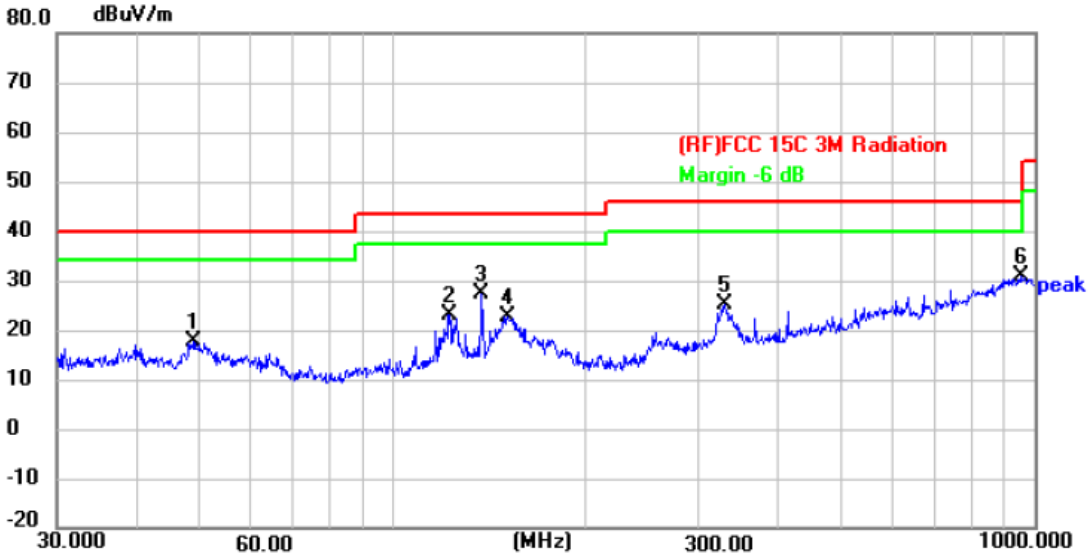
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Vertical
Test Mode:	Mode 6 Adapter#1& Difference prototype 2#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	36.0007	56.87	-23.54	33.33	40.00	-6.67	peak	P
2	49.3594	54.75	-24.74	30.01	40.00	-9.99	peak	P
3	62.8707	54.01	-24.95	29.06	40.00	-10.94	peak	P
4	98.8324	59.40	-26.07	33.33	43.50	-10.17	peak	P
5	153.2003	47.91	-21.28	26.63	43.50	-16.87	peak	P
6	601.4265	42.58	-13.83	28.75	46.00	-17.25	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

Test Voltage:	AC 120V/60Hz
Ant. Pol.	Horizontal
Test Mode:	Mode 6 Adapter#1& Difference prototype 3#
Remark:	Only worse case is reported

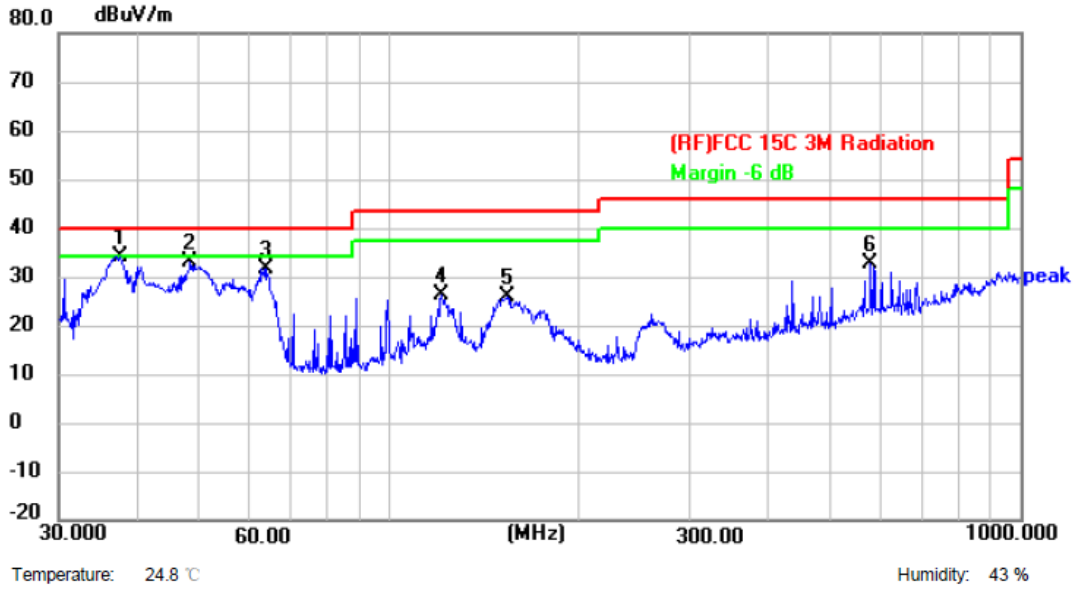


Temperature: 24.8 ℃ Humidity: 43 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	48.8428	42.20	-24.59	17.61	40.00	-22.39	peak	P
2	122.4040	46.54	-23.34	23.20	43.50	-20.30	peak	P
3	137.9030	49.99	-22.68	27.31	43.50	-16.19	peak	P
4	151.0665	44.48	-21.77	22.71	43.50	-20.79	peak	P
5	330.1948	45.81	-20.65	25.16	46.00	-20.84	peak	P
6 *	955.4381	38.37	-7.47	30.90	46.00	-15.10	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

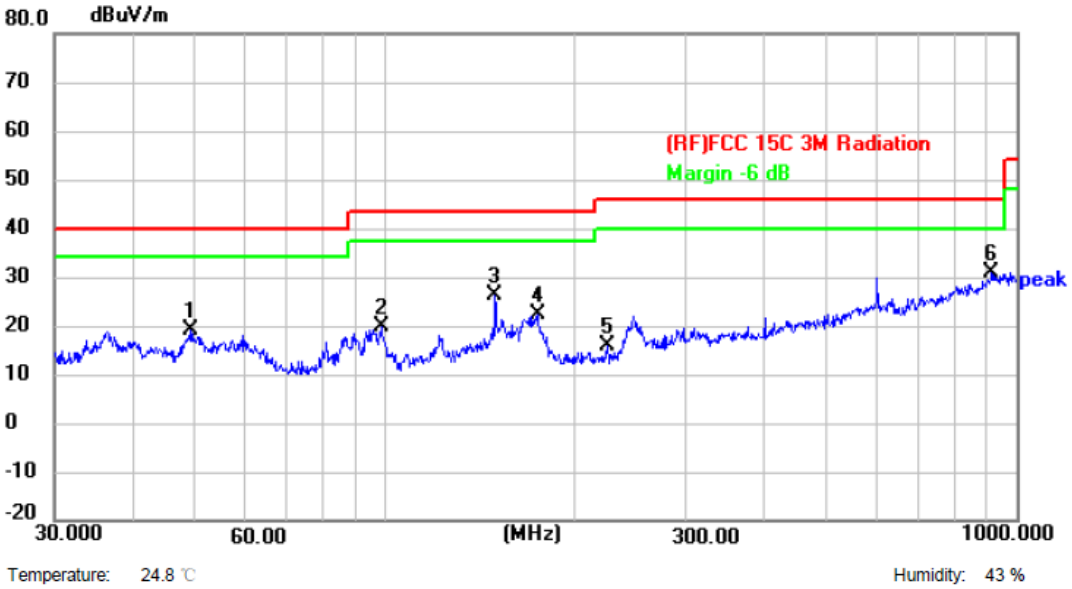
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Vertical
Test Mode:	Mode 6 Adapter#1& Difference prototype 3#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	37.5478	58.09	-23.85	34.24	40.00	-5.76	peak	P
2	48.5015	57.31	-24.44	32.87	40.00	-7.13	peak	P
3	63.7588	56.03	-24.36	31.67	40.00	-8.33	peak	P
4	121.1231	50.08	-23.88	26.20	43.50	-17.30	peak	P
5	153.7385	47.22	-21.33	25.89	43.50	-17.61	peak	P
6	578.6700	47.02	-14.30	32.72	46.00	-13.28	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

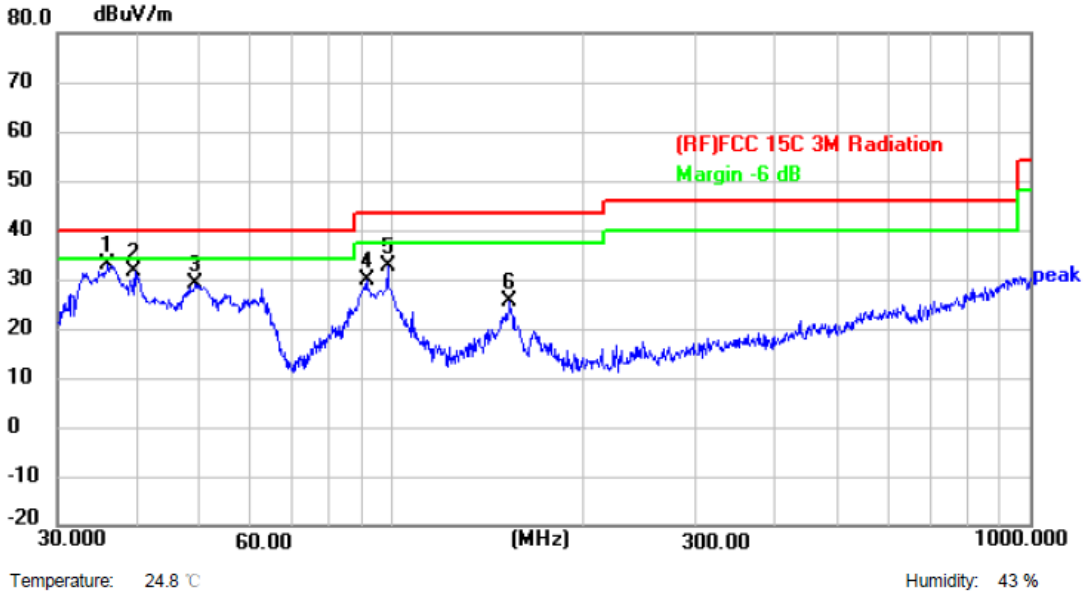
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Horizontal
Test Mode:	Mode 6 Adapter#1& Difference prototype4#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	49.3594	43.79	-24.74	19.05	40.00	-20.95	peak	P
2	98.8324	46.06	-26.07	19.99	43.50	-23.51	peak	P
3	149.4857	47.23	-21.05	26.18	43.50	-17.32	peak	P
4	174.4240	45.39	-23.21	22.18	43.50	-21.32	peak	P
5	225.3080	40.59	-24.79	15.80	46.00	-30.20	peak	P
6 *	912.8620	38.46	-7.45	31.01	46.00	-14.99	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

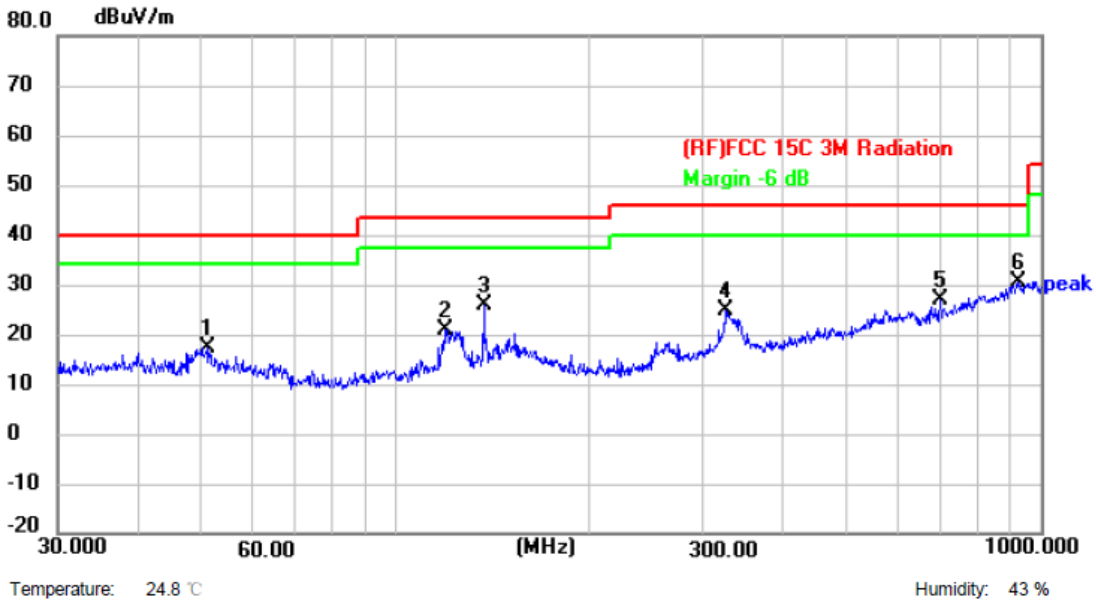
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Vertical
Test Mode:	Mode 6 Adapter#1& Difference prototype 4#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	36.0007	56.44	-23.54	32.90	40.00	-7.10	peak	P
2	39.7146	54.93	-23.42	31.51	40.00	-8.49	peak	P
3	49.3594	53.70	-24.74	28.96	40.00	-11.04	peak	P
4	91.4947	56.67	-26.82	29.85	43.50	-13.65	peak	P
5	98.8324	58.61	-26.07	32.54	43.50	-10.96	peak	P
6	153.2003	46.74	-21.28	25.46	43.50	-18.04	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

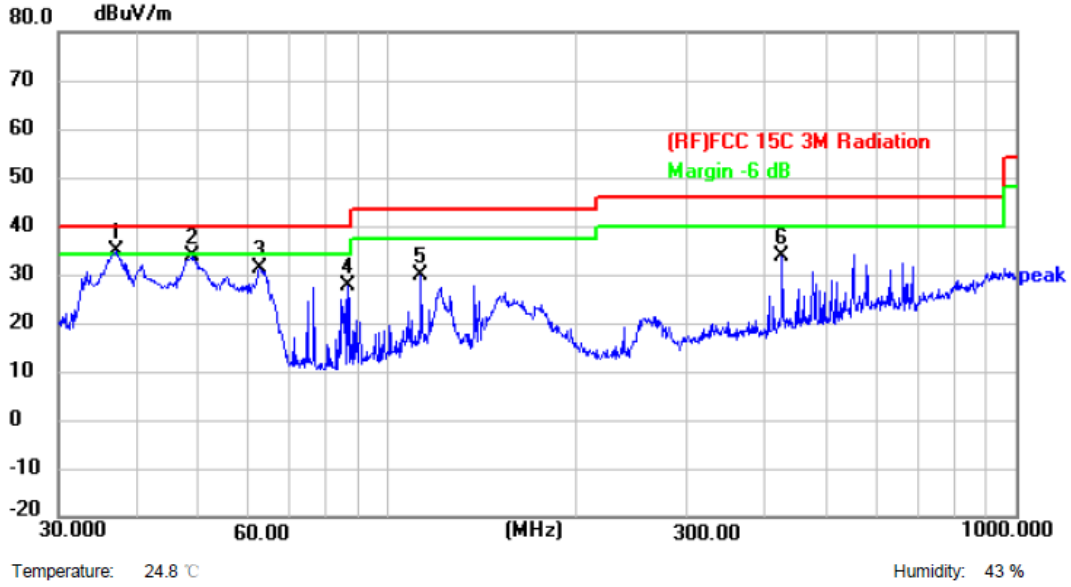
Test Voltage:	AC 120V/60Hz
Ant. Pol.	Horizontal
Test Mode:	Mode 6 Adapter#1& Difference prototype 5#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	51.1210	41.76	-24.37	17.39	40.00	-22.61	peak	P
2	119.4360	44.53	-23.60	20.93	43.50	-22.57	peak	P
3	137.4202	48.27	-22.43	25.84	43.50	-17.66	peak	P
4	325.5958	45.59	-20.76	24.83	46.00	-21.17	peak	P
5	699.3045	39.73	-12.90	26.83	46.00	-19.17	peak	P
6 *	925.7562	37.86	-7.36	30.50	46.00	-15.50	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

Test Voltage:	AC 120V/60Hz
Ant. Pol.	Vertical
Test Mode:	Mode 6 Adapter#1& Difference prototype 5#
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	37.0250	58.47	-23.68	34.79	40.00	-5.21	peak	P
2	48.8428	58.44	-24.59	33.85	40.00	-6.15	peak	P
3	62.8707	56.28	-24.95	31.33	40.00	-8.67	peak	P
4	86.8067	54.44	-26.89	27.55	40.00	-12.45	peak	P
5	113.3162	53.85	-24.02	29.83	43.50	-13.67	peak	P
6	425.0280	51.88	-18.06	33.82	46.00	-12.18	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

Above 1GHz (Only worse case is reported)

Temperature:	24.3℃	Relative Humidity:	47%
Test Voltage:	AC 120V		
Ant. Pol.	Horizontal		
Test Mode:	TX GFSK Mode 2412MHz		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	4825.000	64.59	-11.60	52.99	74.00	-21.01	peak	P
2	12067.000	47.81	0.55	48.36	74.00	-25.64	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
4. The tests evaluated1-26.5GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value.

Temperature:	24.3℃	Relative Humidity:	47%
Test Voltage:	AC 120V		
Ant. Pol.	Vertical		
Test Mode:	TX GFSK Mode 2412MHz		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	12067.000	51.88	0.55	52.43	74.00	-21.57	peak	P
2	14464.000	47.82	2.09	49.91	74.00	-24.09	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
4. The tests evaluated1-26.5GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value.

Temperature:	24.3℃	Relative Humidity:	47%
Test Voltage:	AC 120V		
Ant. Pol.	Horizontal		
Test Mode:	TX GFSK Mode 2442MHz		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3652.000	62.73	-16.24	46.49	74.00	-27.51	peak	P
2 *	4876.000	62.75	-11.10	51.65	74.00	-22.35	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
4. The tests evaluated1-26.5GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value.

Temperature:	24.3℃	Relative Humidity:	47%
Test Voltage:	AC 120V		
Ant. Pol.	Vertical		
Test Mode:	TX GFSK Mode 2442MHz		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4876.000	52.57	-11.10	41.47	74.00	-32.53	peak	P
2 *	12220.000	50.45	0.56	51.01	74.00	-22.99	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
4. The tests evaluated1-26.5GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value.

Temperature:	24.3℃	Relative Humidity:	47%
Test Voltage:	AC 120V		
Ant. Pol.	Horizontal		
Test Mode:	TX GFSK Mode 2469MHz		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3703.000	61.25	-17.04	44.21	74.00	-29.79	peak	P
2 *	4927.000	60.02	-11.09	48.93	74.00	-25.07	peak	P

Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
4. The tests evaluated1-26.5GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value.

Temperature:	24.3℃	Relative Humidity:	47%
Test Voltage:	AC 120V		
Ant. Pol.	Vertical		
Test Mode:	TX GFSK Mode 2469MHz		

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	9032.500	49.52	-2.59	46.93	74.00	-27.07	peak	P
2 *	12347.500	47.49	0.15	47.64	74.00	-26.36	peak	P

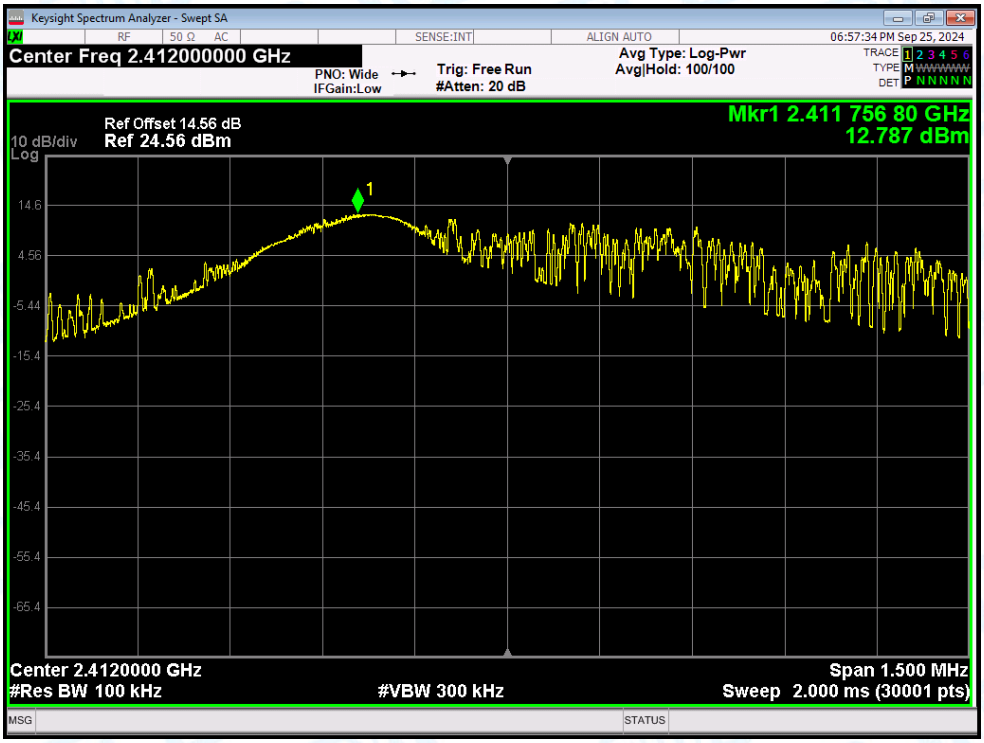
Remark:
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)
4. The tests evaluated1-26.5GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.
5. No report for the emission which more than 20dB below the prescribed limit.
6. The peak value＜average limit, So only show the peak value.

Conducted Emission Test Data

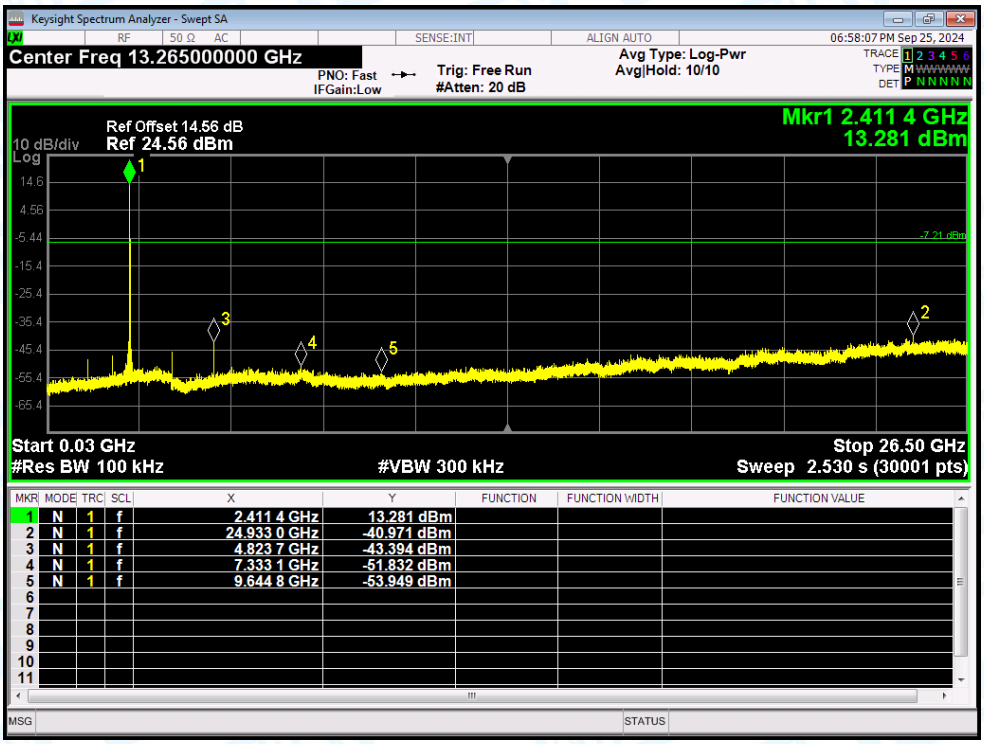
Condition	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2412	-53.76	-20	Pass
NVNT	2442	-54.29	-20	Pass
NVNT	2469	-53.83	-20	Pass

Test Graphs

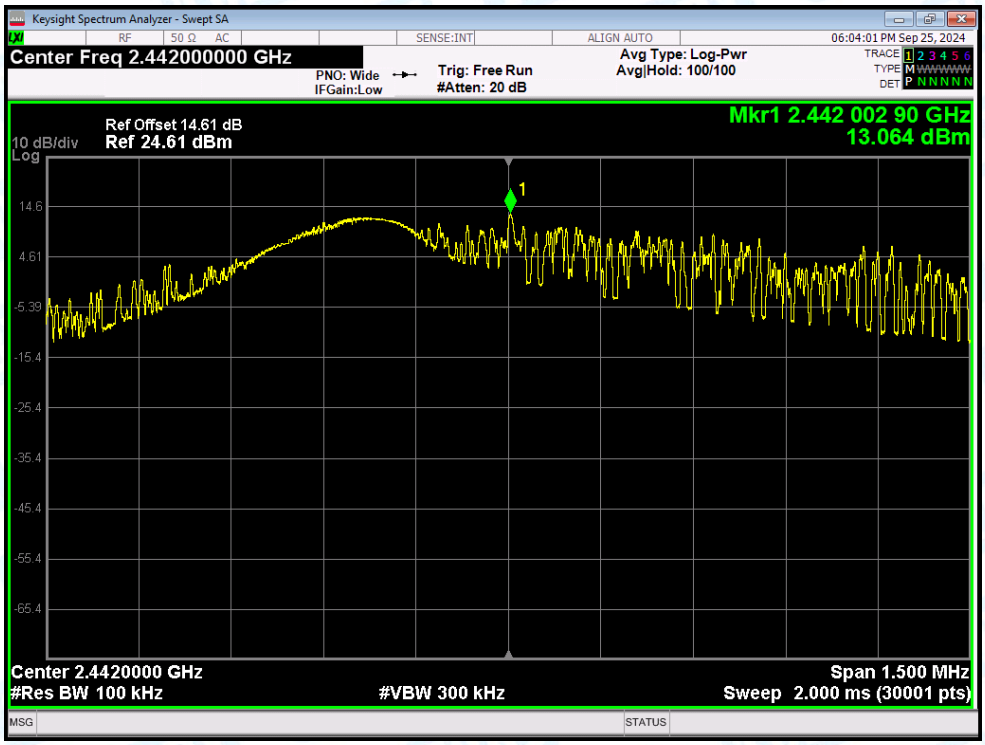
Tx. Spurious NVNT user 2412MHz Ant1 Ref



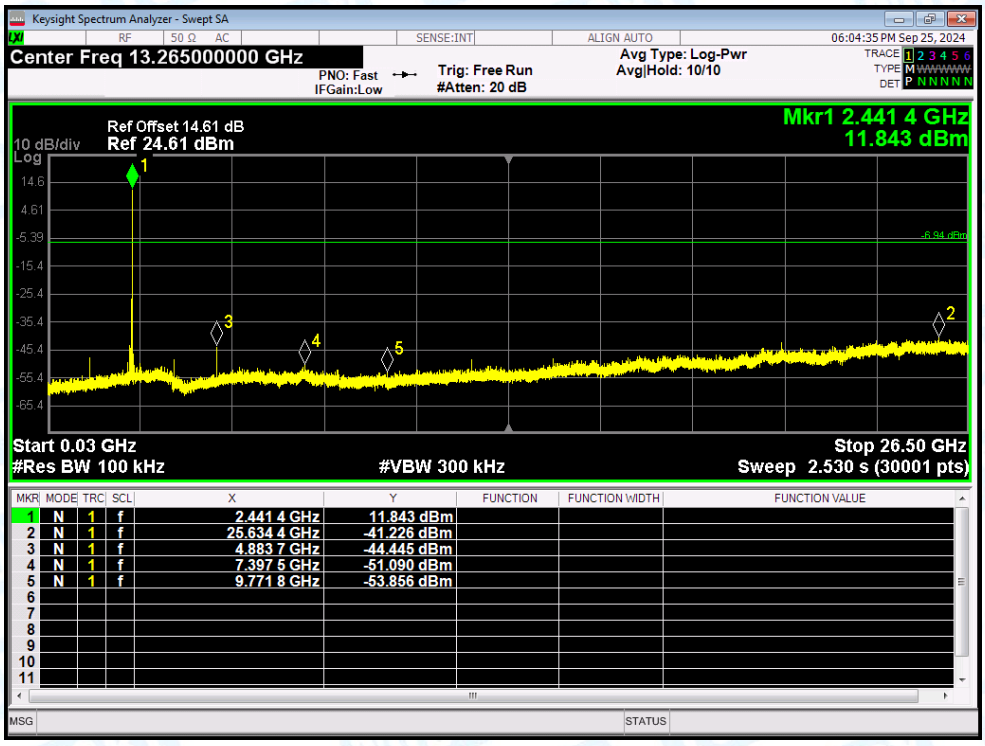
Tx. Spurious NVNT user 2412MHz Ant1 Emission



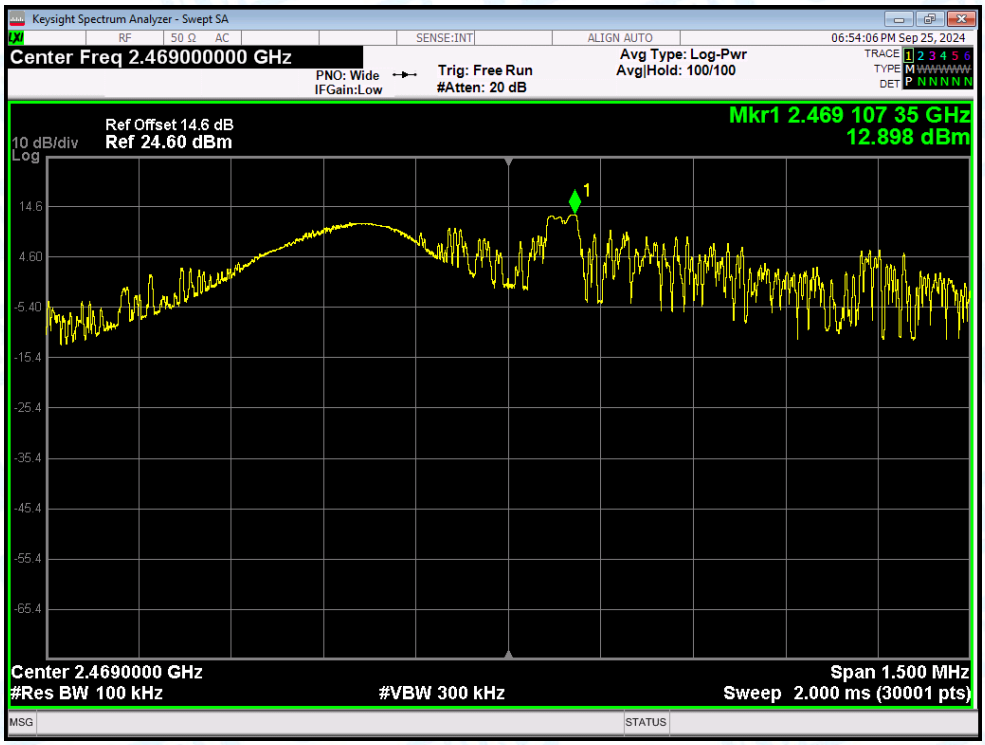
Tx. Spurious NVNT user 2442MHz Ant1 Ref



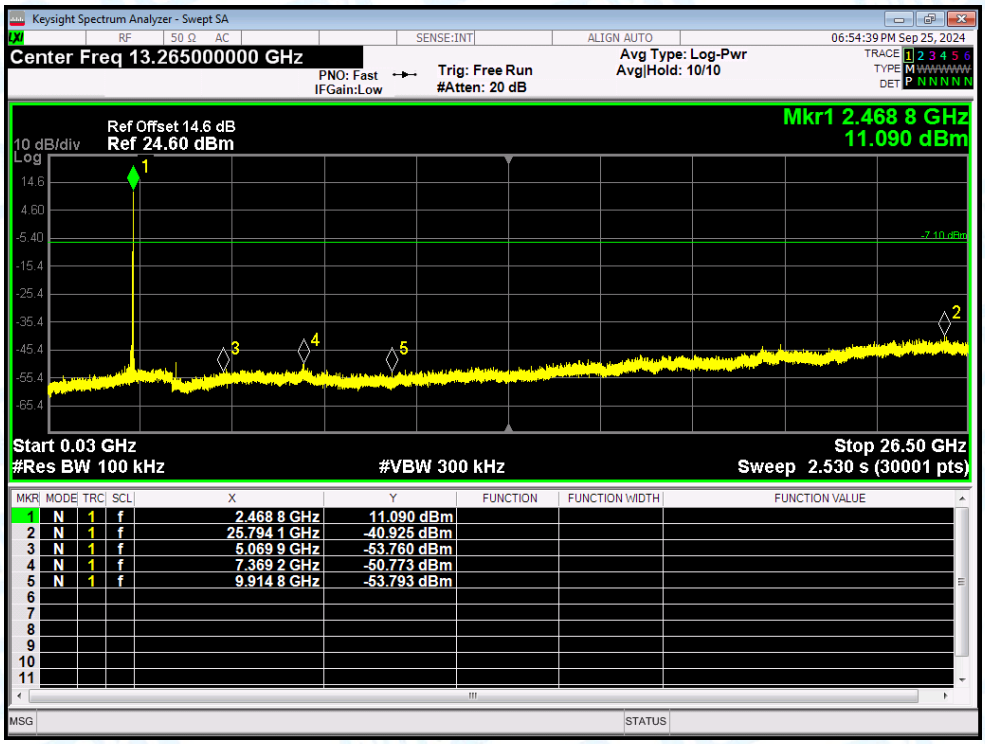
Tx. Spurious NVNT user 2442MHz Ant1 Emission



Tx. Spurious NVNT user 2469MHz Ant1 Ref



Tx. Spurious NVNT user 2469MHz Ant1 Emission



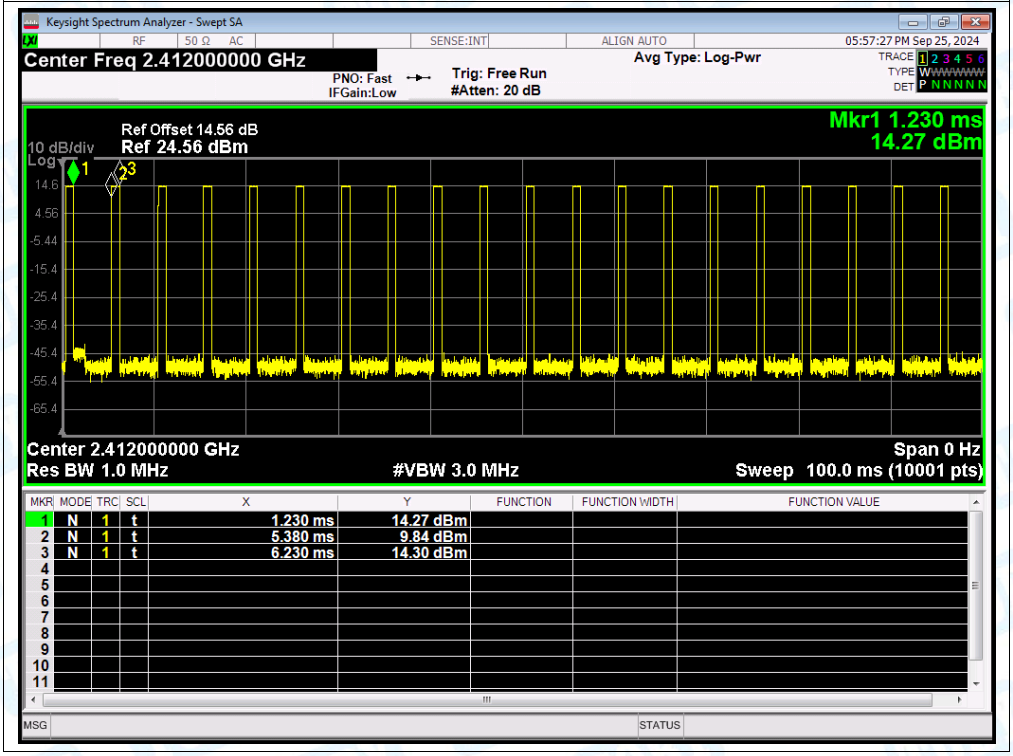
Attachment C-- Restricted Bands Requirement Test Data

1.Duty Cycle

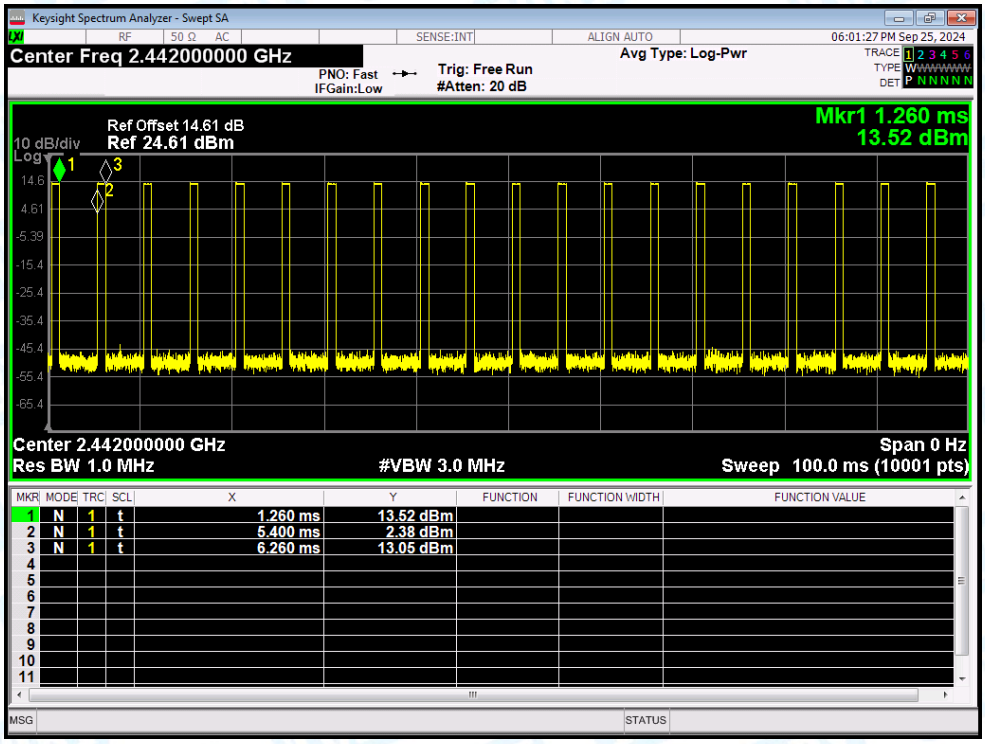
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	user	2412	Ant1	17	7.7	1.18
NVNT	user	2442	Ant1	17.2	7.64	1.16
NVNT	user	2469	Ant1	17.2	7.64	1.16

Test Graphs

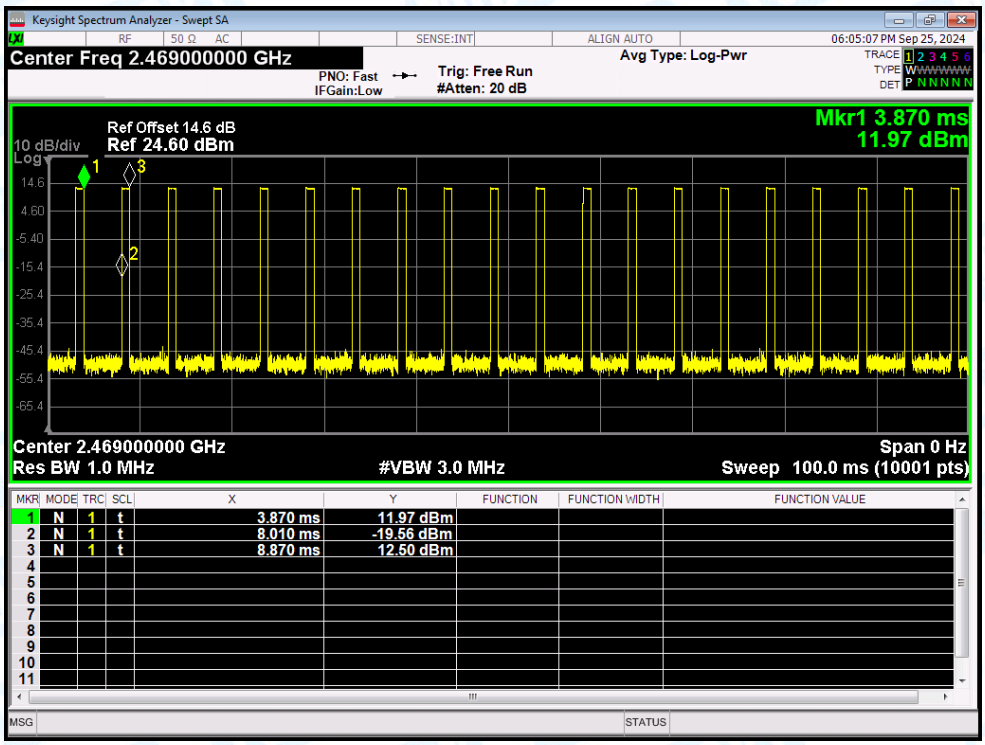
Duty Cycle NVNT user 2412MHz Ant1



Duty Cycle NVNT user 2442MHz Ant1



Duty Cycle NVNT user 2469MHz Ant1

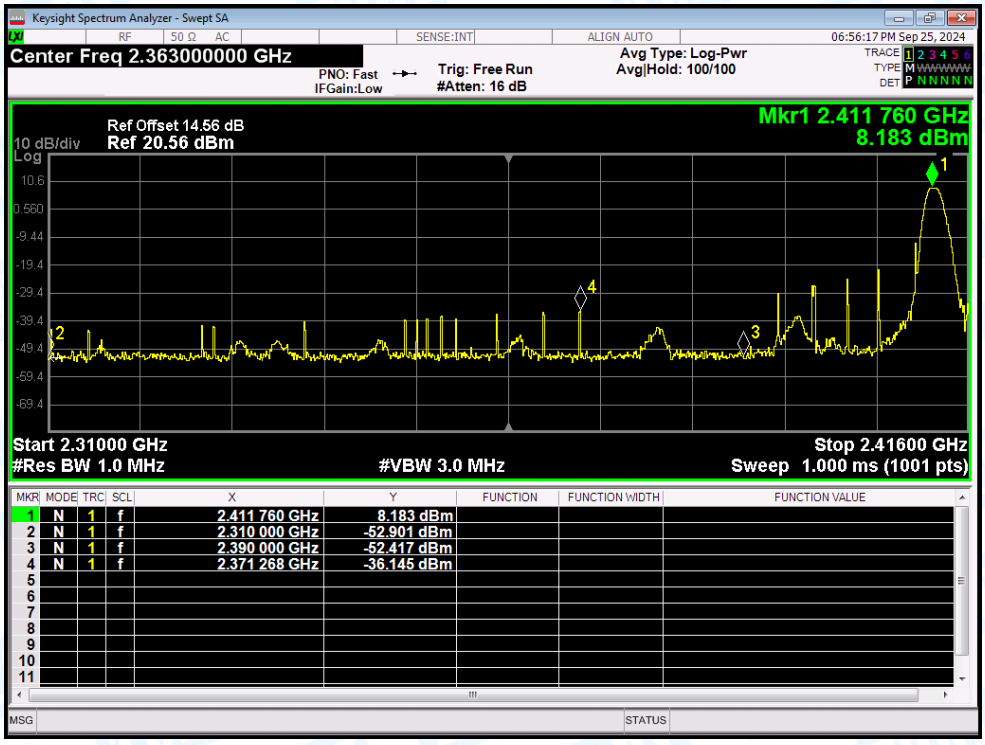


2.Restricted Bands Test Data

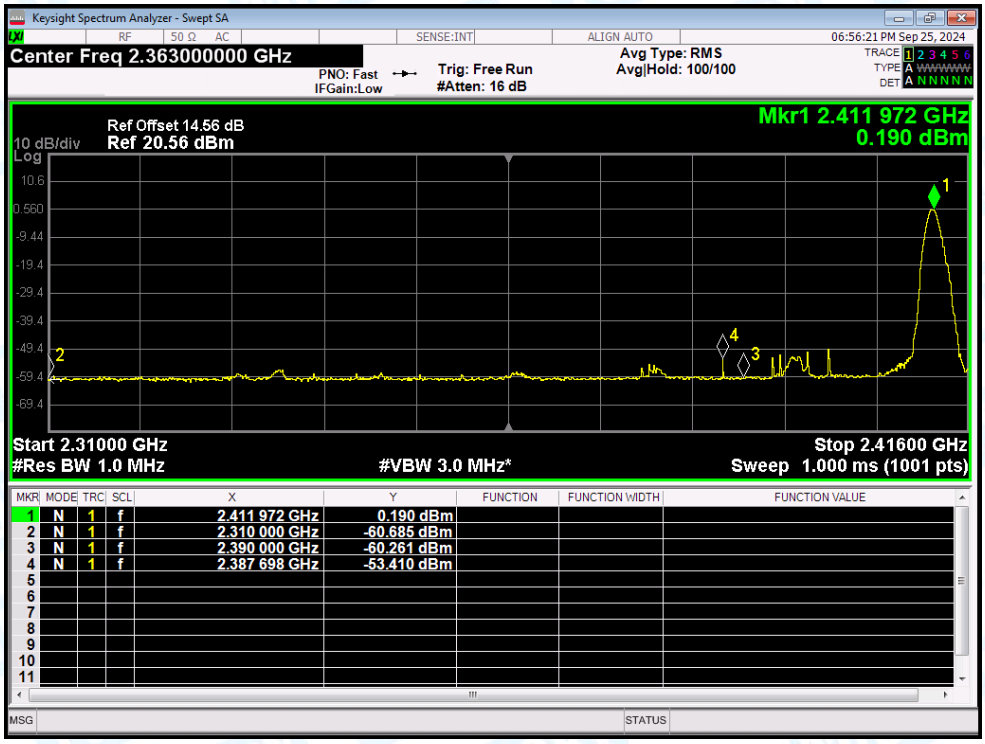
Condition	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	2412	Ant1	No-Hopping	2310	-52.9	2	-	44.36	Peak	74	Pass
NVNT	2412	Ant1	No-Hopping	2310	-60.69	2	7.7	44.27	Average	54	Pass
NVNT	2412	Ant1	No-Hopping	2371.268	-36.14	2	-	61.12	Peak	74	Pass
NVNT	2412	Ant1	No-Hopping	2387.698	-53.41	2	7.7	51.55	Average	54	Pass
NVNT	2412	Ant1	No-Hopping	2390	-52.42	2	-	44.84	Peak	74	Pass
NVNT	2412	Ant1	No-Hopping	2390	-60.26	2	7.7	44.7	Average	54	Pass
NVNT	2469	Ant1	No-Hopping	2483.5	-47.54	2	-	49.72	Peak	74	Pass
NVNT	2469	Ant1	No-Hopping	2483.5	-58.97	2	7.64	45.93	Average	54	Pass
NVNT	2469	Ant1	No-Hopping	2484.25	-29.35	2	-	67.91	Peak	74	Pass
NVNT	2469	Ant1	No-Hopping	2484.04	-52.47	2	7.64	52.43	Average	54	Pass
NVNT	2469	Ant1	No-Hopping	2500	-49.27	2	-	47.99	Peak	74	Pass
NVNT	2469	Ant1	No-Hopping	2500	-59.22	2	7.64	45.68	Average	54	Pass

Test Graphs

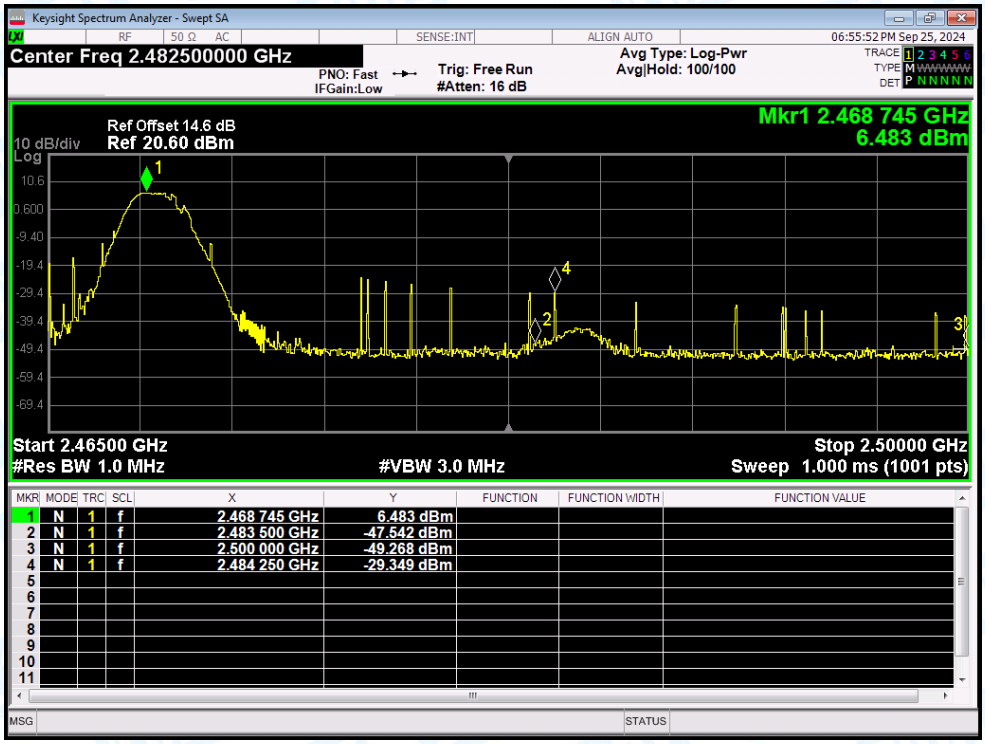
Restrict Band NVNT user 2412MHz Ant1 No-Hopping Peak



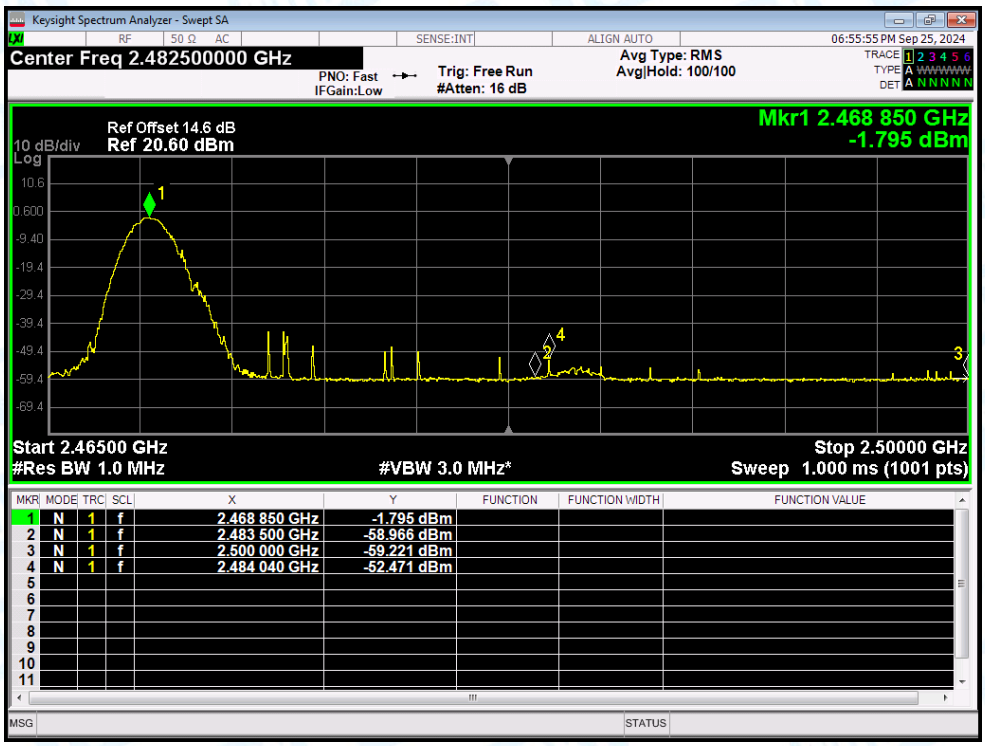
Restrict Band NVNT user 2412MHz Ant1 No-Hopping Average



Restrict Band NVNT user 2469MHz Ant1 No-Hopping Peak



Restrict Band NVNT user 2469MHz Ant1 No-Hopping Average



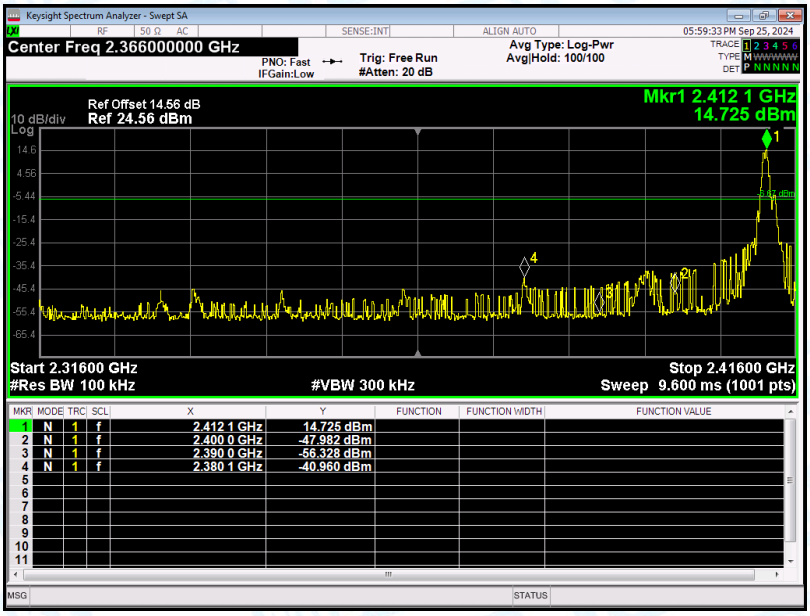
(1) Band Edge

Condition	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2412	No-Hopping	-54.29	-20	Pass
NVNT	2469	No-Hopping	-52.98	-20	Pass

Test Graphs

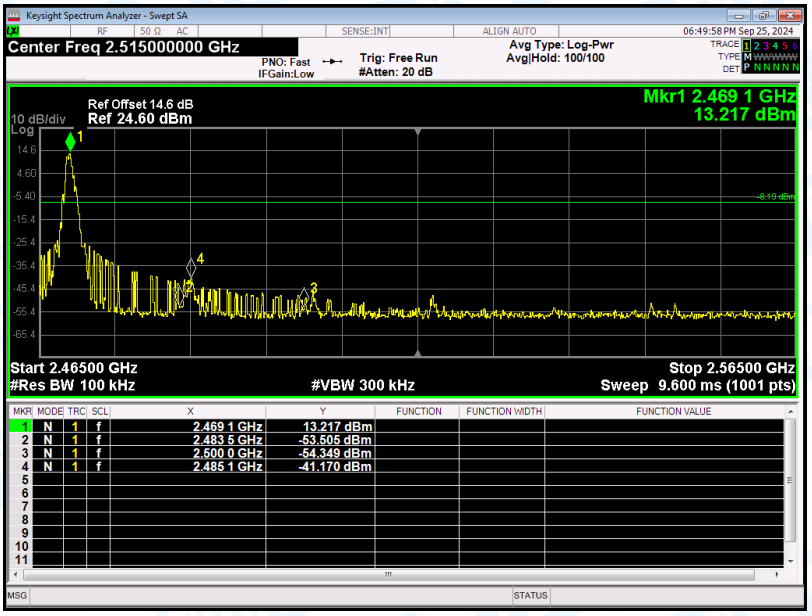
Band Edge NVNT user 2412MHz Ant1 No-Hopping Ref

Band Edge NVNT user 2412MHz Ant1 No-Hopping Emission



Band Edge NVNT user 2469MHz Ant1 No-Hopping Ref

Band Edge NVNT user 2469MHz Ant1 No-Hopping Emission

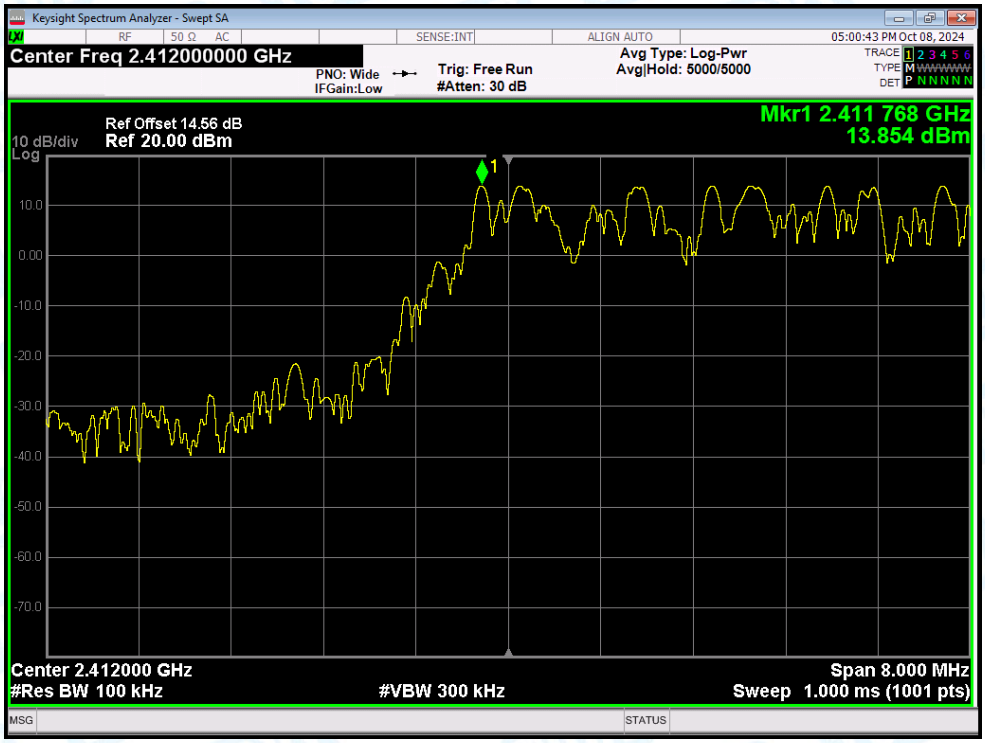


(2) Band Edge(Hopping)

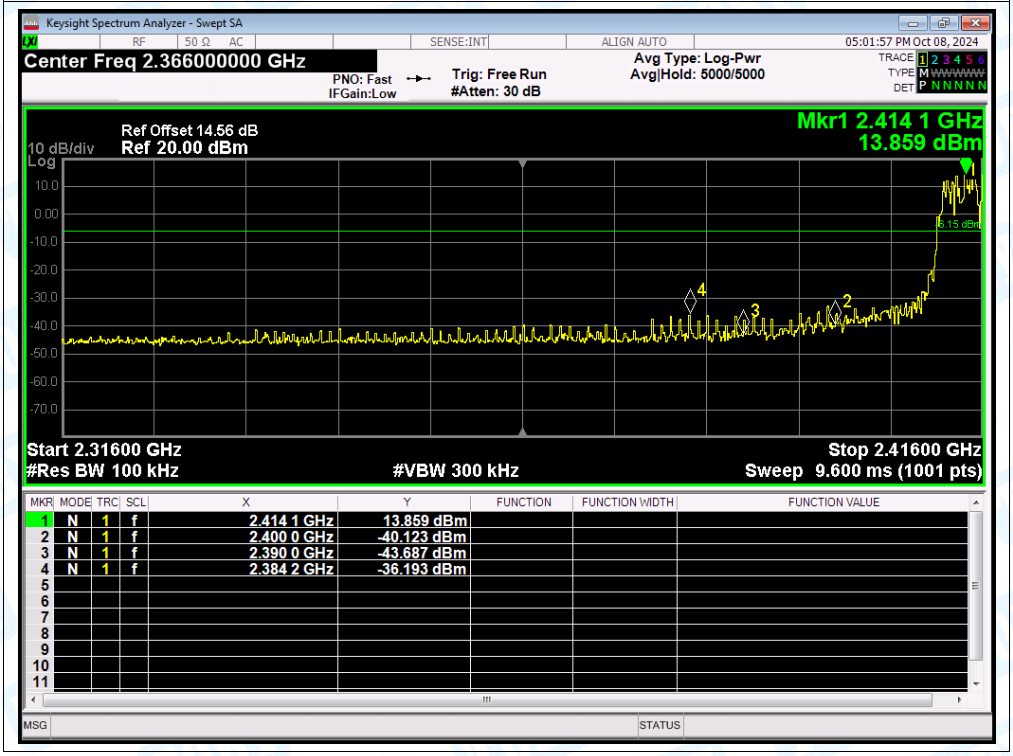
Condition	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2412	Hopping	-50.04	-20	Pass
NVNT	2469	Hopping	-51.56	-20	Pass

Test Graphs

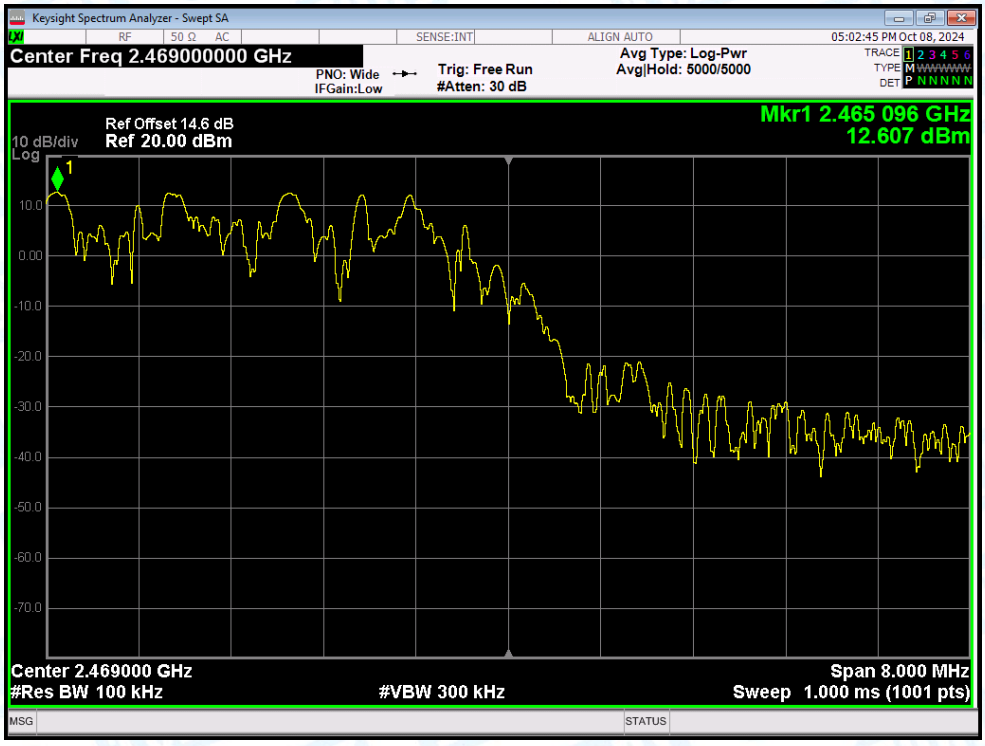
Band Edge(Hopping) NVNT user 2412MHz Ant1 Hopping Ref



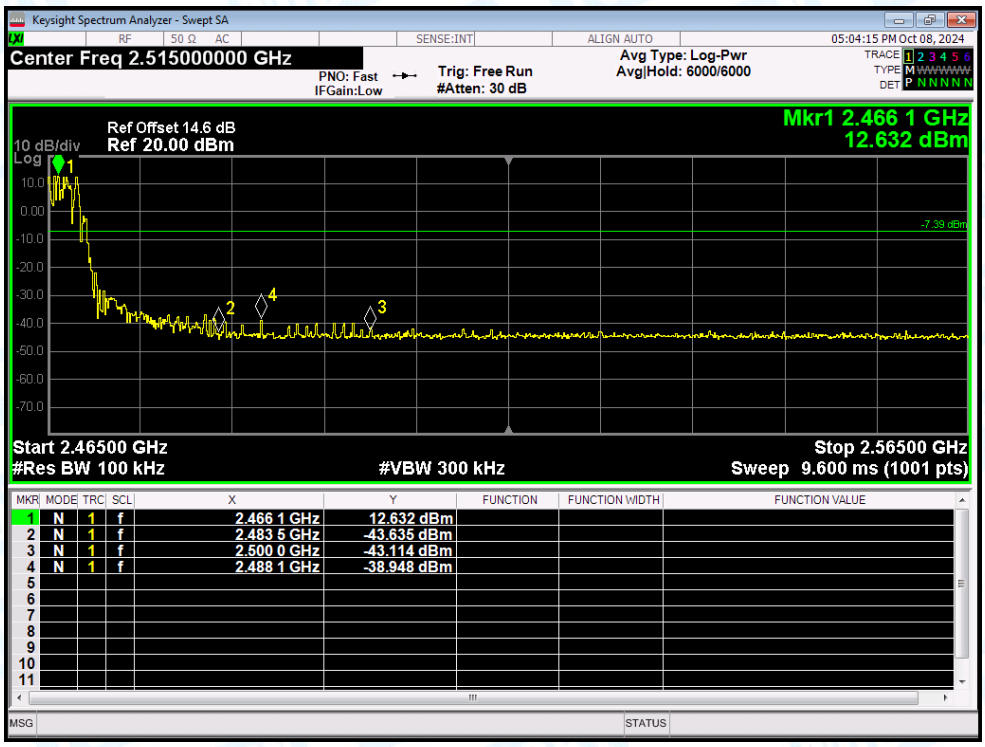
Band Edge(Hopping) NVNT user 2412MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT user 2469MHz Ant1 Hopping Ref

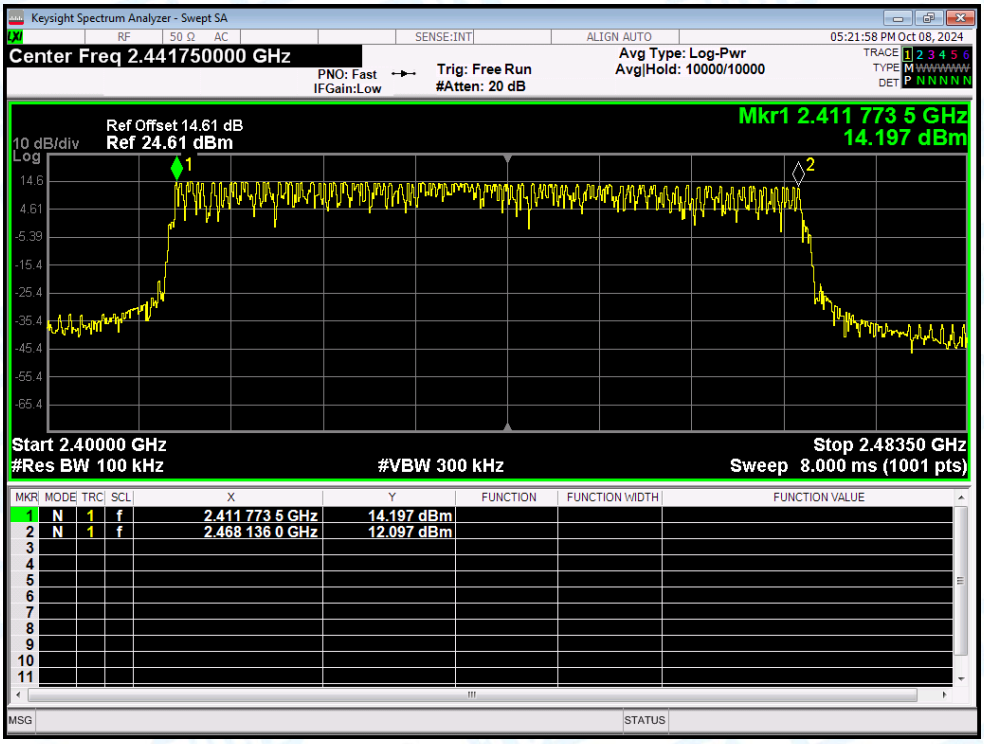


Band Edge(Hopping) NVNT user 2469MHz Ant1 Hopping Emission



Attachment D-- Number of Hopping Channel Test Data

Condition	Hopping Number	Limit	Verdict
NVNT	58	15	Pass



Attachment E-- Average Time of Occupancy Test Data

Temperature:	24.6℃	Relative Humidity:	52%
Test Voltage:	AC 120V		
Test Mode:	Hopping Mode (GFSK)		

Test Mode	Channel (MHz)	Reading Time (ms)	Total hops	Test Result (ms)	Limit (ms)	Result
GFSK	2442	1.98	7	13.86	**400**	**PASS**

The Dwell Time = Burst Width * Total Hops. The detailed calculations are showed as follows:

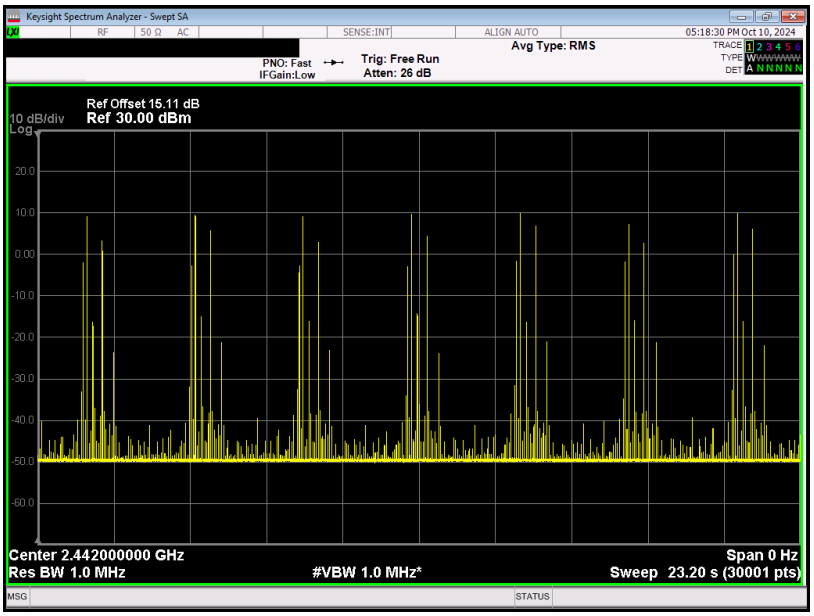
The duration for dwell time calculation: 0.4 [s] * hopping number = 0.4 [s] * 58 [ch] =23.2[s*ch];

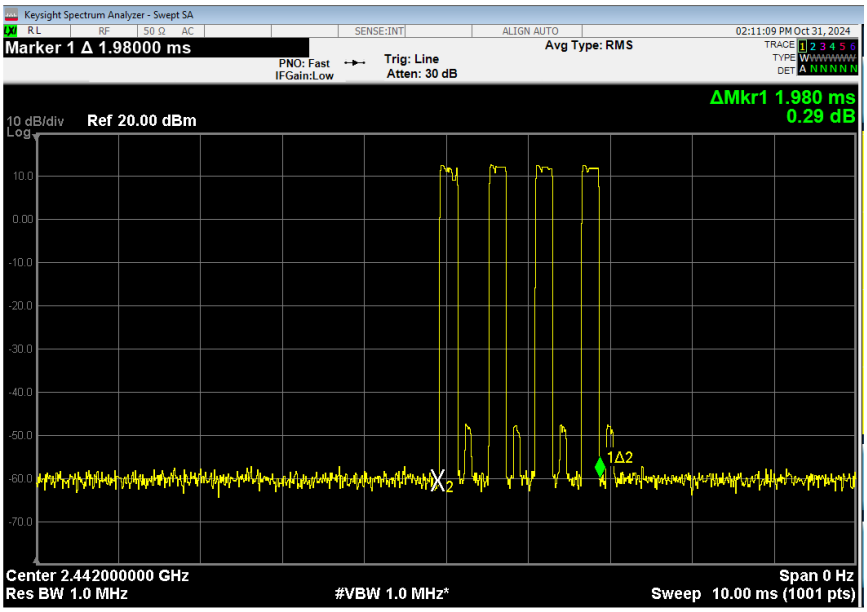
The burst width, which is directly measured, refers to the duration on one channel hop.

The maximum number of hopping channels in 23.2s is 7

Reading Time=1.98 ms

GFSK Hopping Mode





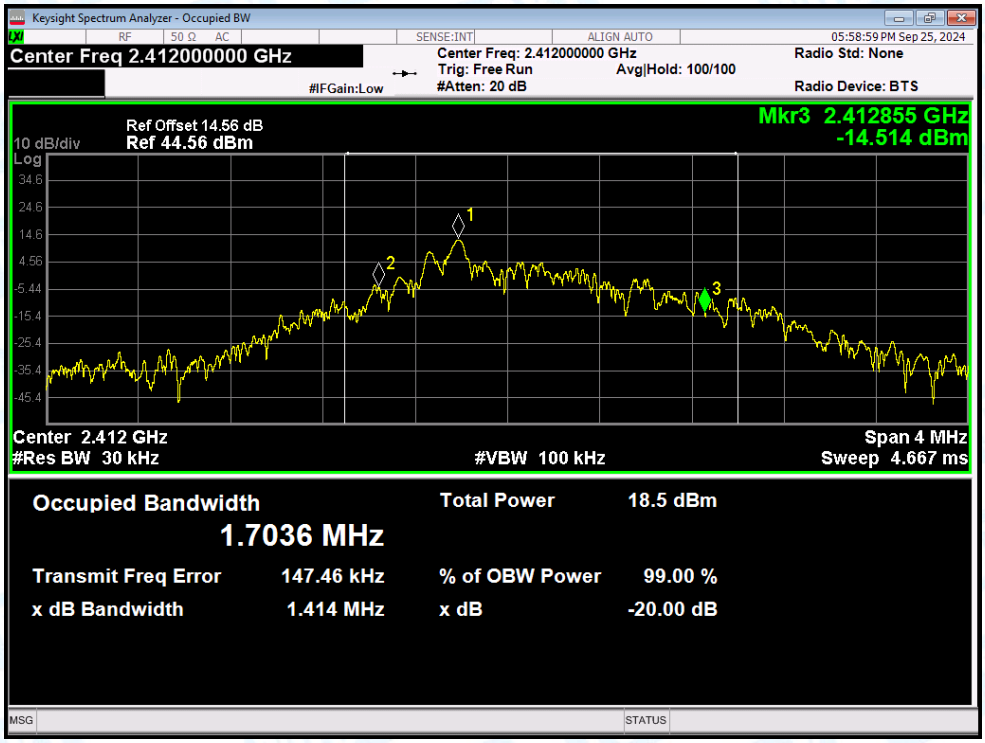
Attachment F-- Channel Separation and Bandwidth Test Data

Bandwidth Test Data:

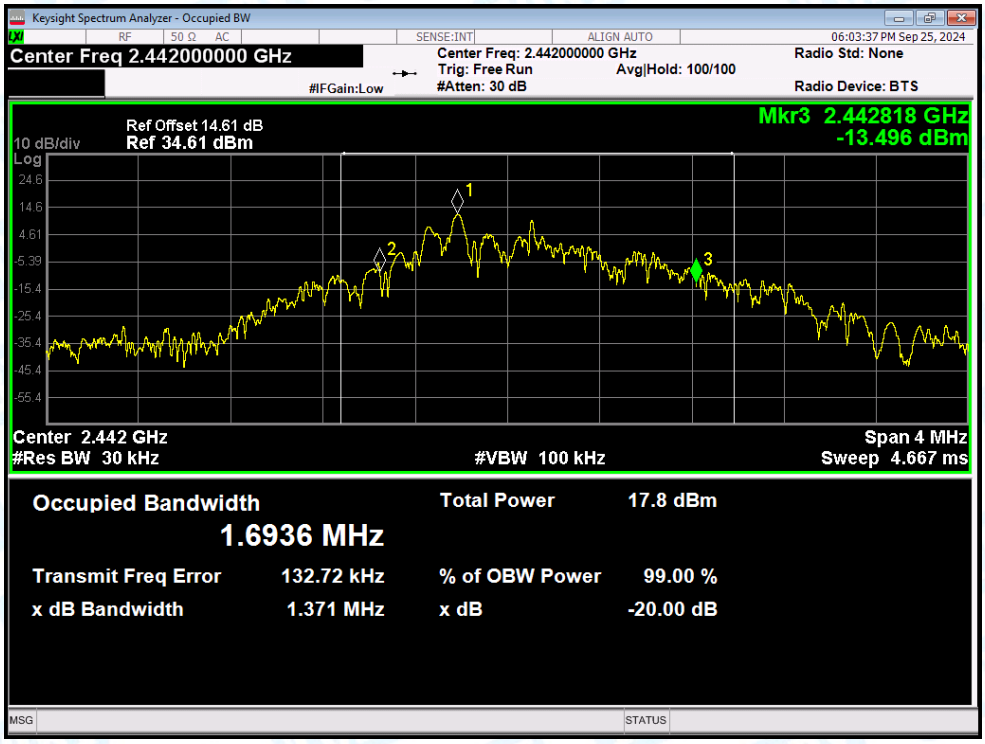
Condition	Frequency (MHz)	-20 dB Bandwidth (MHz)	2/3 *-20 dB Bandwidth (MHz)
NVNT	2412	1.41	0.940
NVNT	2442	1.37	0.913
NVNT	2469	1.28	0.853

Test Graphs

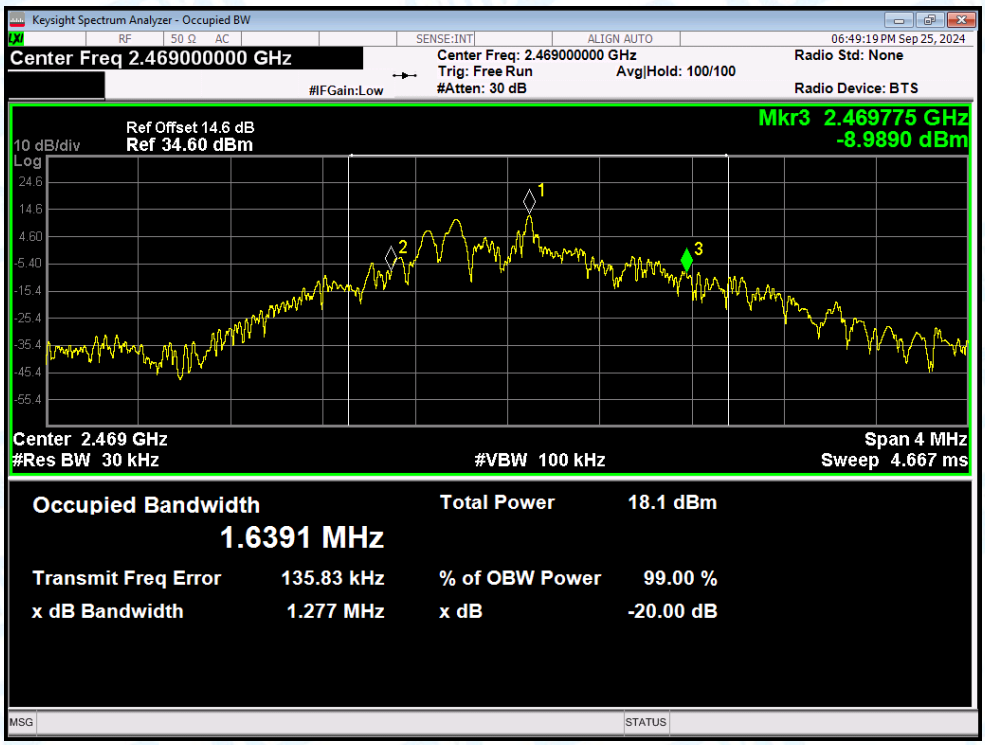
-20dB Bandwidth NVNT user 2412MHz Ant1



-20dB Bandwidth NVNT user 2442MHz Ant1



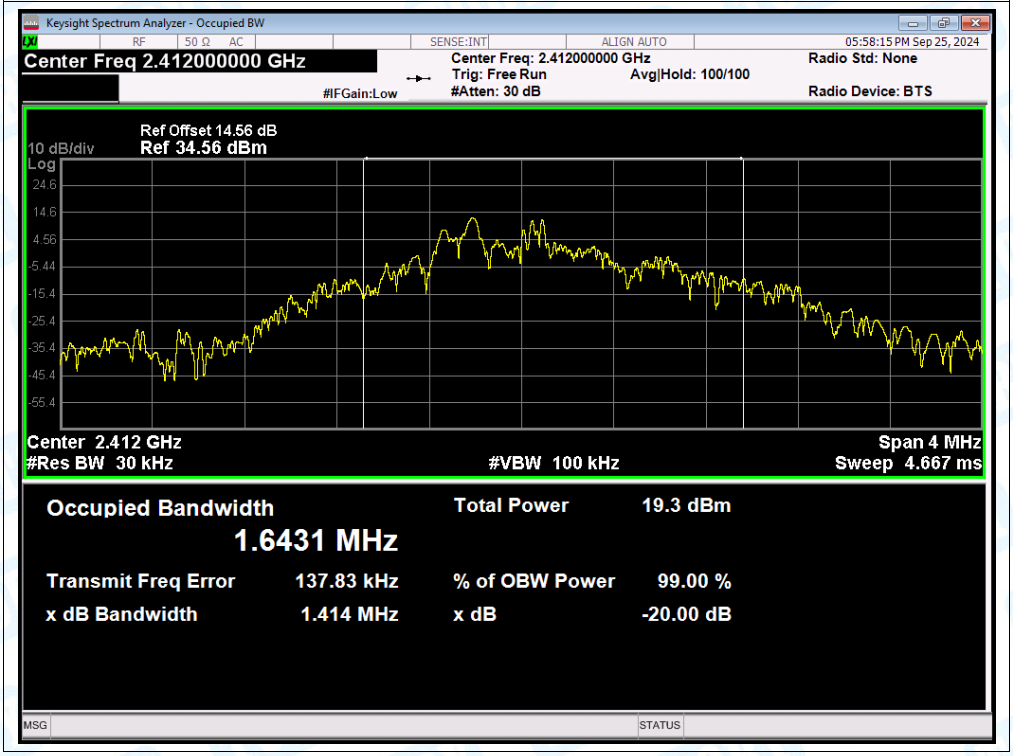
-20dB Bandwidth NVNT user 2469MHz Ant1



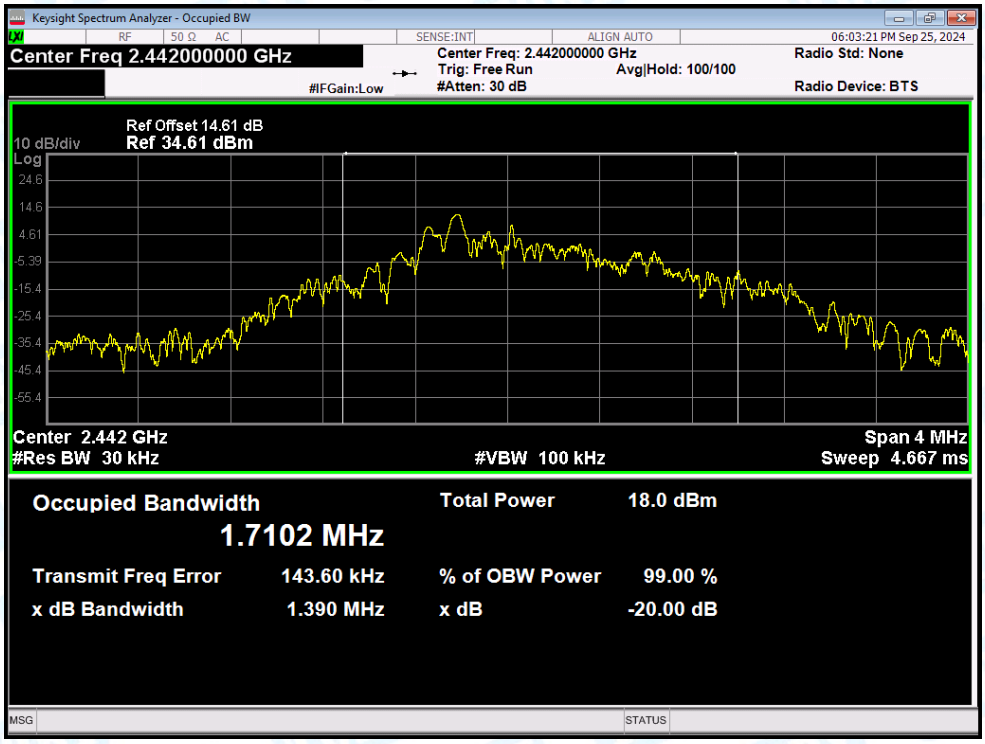
Condition	Frequency (MHz)	99% OBW (MHz)
NVNT	2412	1.643
NVNT	2442	1.71
NVNT	2469	1.569

Test Graphs

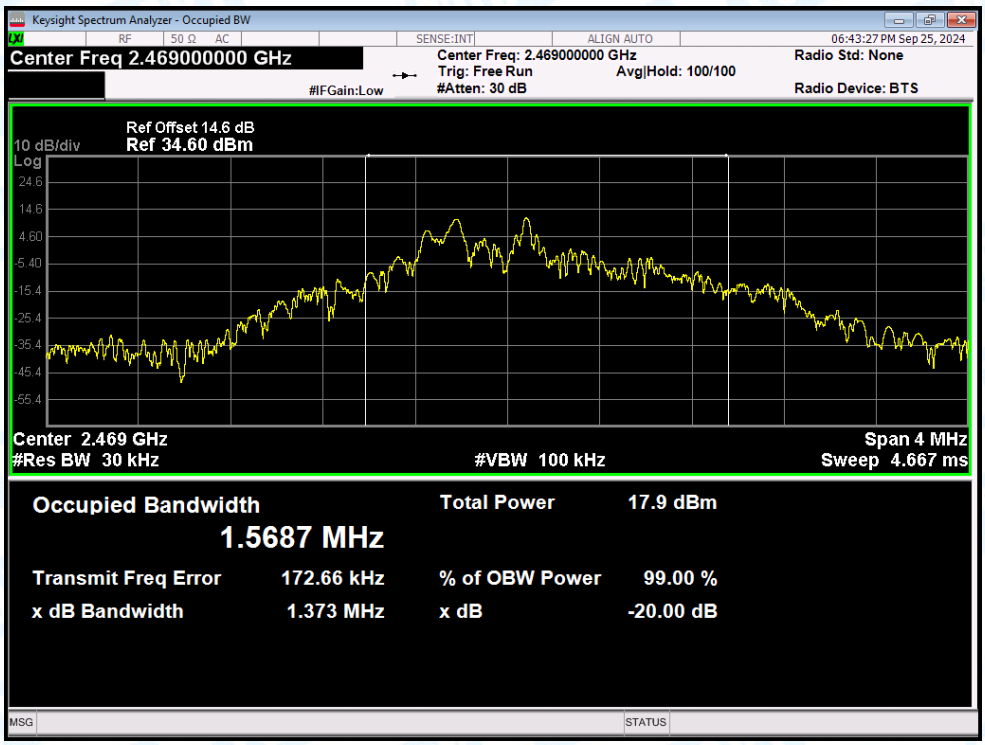
OBW NVNT user 2412MHz Ant1



OBW NVNT user 2442MHz Ant1



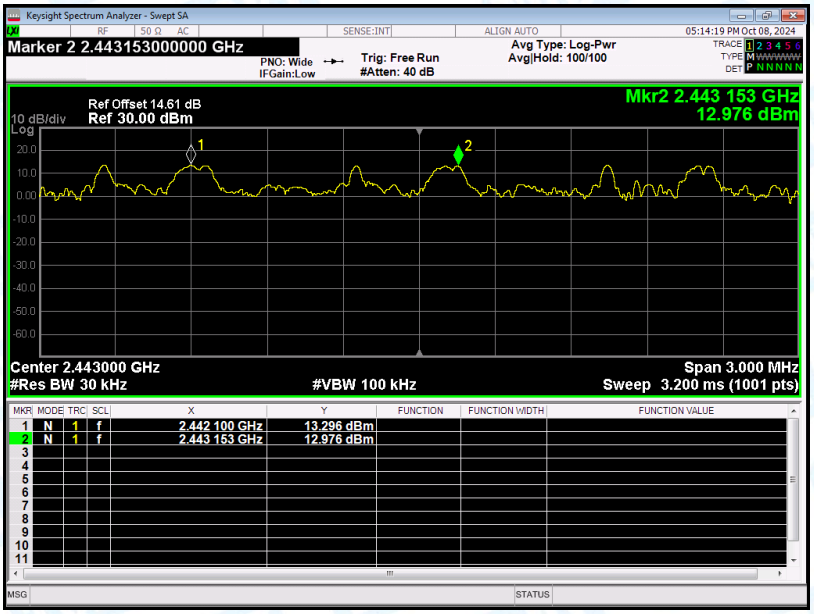
OBW NVNT user 2469MHz Ant1



Channel Separation Test data:

Condition	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	2442.100	2443.153	1.053	0.940	Pass

Test Graphs

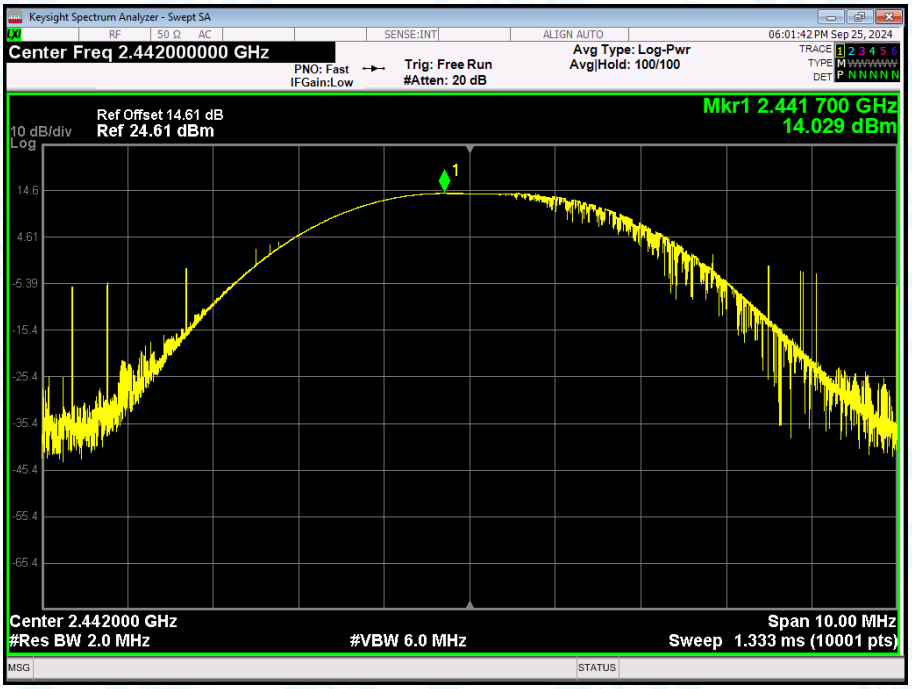


Attachment G-- Peak Output Power Test Data

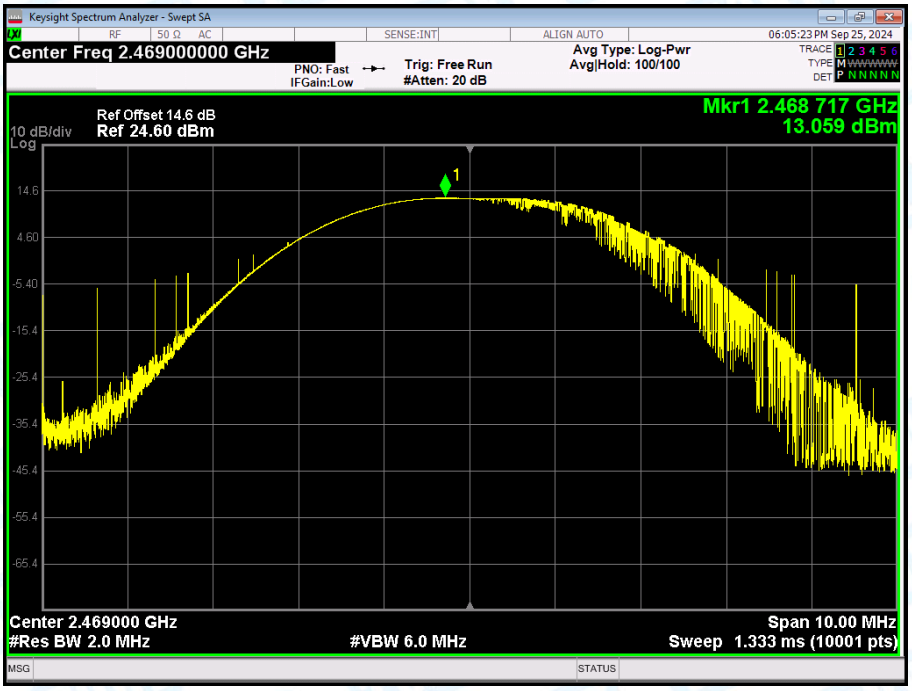
Condition	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	2412	14.595	21	Pass
NVNT	2442	14.029	21	Pass
NVNT	2469	13.059	21	Pass

Test Graphs
Power NVNT user 2412MHz Ant1

Power NVNT user 2442MHz Ant1



Power NVNT user 2469MHz Ant1



-----END OF THE REPORT-----