

TEST REPORT

Radio Frequency Devices-Intentional Radiators

for

Products Name: Bluetooth Dante Wall Plate

Model No.: Refer to section 2.2

FCC ID: 2A6L9-HAD-WPD22BAUS

Report No.: SST2609E013

Issued Date: 2026-9-2

Issued for

Shenzhen HDCVT Technology Co., Ltd

Floor 7, Building 5, Lihe Industrial Park, Songbai Road, Nanshan District, Shenzhen, Guangdong, China

Issued by

DONGGUAN QIYANG TESTING TECHNOLOGY CO., LTD.

Room 101-1, Building 1, No. 19, Tianxin Butterfly 1st Road, Huangjiang, Dongguan, Guangdong, China

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1. Basic Introduction

Applicant's name..... :	Shenzhen HDCVT Technology Co., Ltd	
Address :	Floor 7, Building 5, Lihe Industrial Park, Songbai Road, Nanshan District, Shenzhen, Guangdong, China	
Manufacturer's name :	Shenzhen HDCVT Technology Co., Ltd	
Address :	Floor 7, Building 5, Lihe Industrial Park, Songbai Road, Nanshan District, Shenzhen, Guangdong, China	
Factory name :	Shenzhen HDCVT Technology Co., Ltd	
Address :	Floor 7, Building 5, Lihe Industrial Park, Songbai Road, Nanshan District, Shenzhen, Guangdong, China	
Products Name..... :	Bluetooth Dante Wall Plate	
Model No..... :	Refer to section 2.2	
Trade Mark :	/	
Rating(s)..... :	12VDC powered by external power source or POE power supply	
Date of sample receipt..... :	2026-8-18	
Date of Test..... :	2026-8-18~2026-9-2	
Standard(s) :	FCC 47 CFR PART 15 Subpart C Section 15.247 ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	
Tested by (+signature)..... :	Connor Ma	
Check by (+signature)..... :	Davis Zhou	
Approved by (+signature).... :	Tiger Chen	



2. General description

2.1. EUT description

Products Name	Bluetooth Dante Wall Plate	
Model No.	Refer to section 2.2	
Rating(s)	12VDC powered by external power source or POE power supply	
SN:	26081813-02	
Software version.....	/	
Hardware version	/	
Operation frequency	2402MHz ~ 2480MHz	
Channel numbers	40	
Channel separation	2MHz	
Modulation technology	GFSK	
Antenna type	FPC Antenna	
Antenna gain	0.91 dBi	
Cable	Name	Description
		☐ Shielded ☐ Unshielded ☐ Detachable ☐ Un-detachable ☐ No applicable ☐ Length:

2.2. Serial model(s) and model difference

Main model(s)	HDA-WPD22BAUS
Serial model(s)	HDA-WPD20BUS, HDA-WPD20BEU, HDA-WPD22BAEU, HDA-WPA20BEU, HDP-WPD20BUS, HDP-WPD20BEU, HDP-WPD22BAUS, HDP-WPD22BAEU, HDP-AUD2BEN
Model difference	All models were in same PCB design and internal structure. The only difference is model name and enclosure color for commercial purpose.

2.3. Auxiliary equipment

Support equipment list			
Description	Manufacturer	Model No.	Serial No.
Adapter	Mass power	NBS12E120100UV	/
PC	HP	Zhan 66P	/
PC	Lenovo	ThinkPad X280	/
Support cable list			

Description	Specified length(m)	Shielded	Unshielded
/	/	/	/

2.4. Description of test modes

Prescan Operating Mode		
No.	Detailed description of the operating mode	Test voltage
1	continuously transmitting, with its lowest data rate which emit the max power level	AC 120V

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	10	2422MHz	20	2442MHz	30	2462MHz
1	2404MHz	11	2424MHz	21	2444MHz	31	2464MHz
2	2406MHz	12	2426MHz	22	2446MHz	32	2466MHz
3	2408MHz	13	2428MHz	23	2448MHz	33	2468MHz
4	2410MHz	14	2430MHz	24	2450MHz	34	2470MHz
5	2412MHz	15	2432MHz	25	2452MHz	35	2472MHz
6	2414MHz	16	2434MHz	26	2454MHz	36	2474MHz
7	2416MHz	17	2436MHz	27	2456MHz	37	2476MHz
8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz
9	2420MHz	19	2440MHz	29	2460MHz	39	2480MHz

2.5. Test environmental conditions

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment.		
The climatic conditions during the tests were within the following limits:		
Ambient temperature	Relative humidity	Atmospheric pressure
15 °C ~ 35 °C	30 % ~ 60 %	86 kPa ~ 106 kPa
If explicitly required in the basic standard or applied product standard the climatic values are recorded and documented separately in this test report.		

2.6.Statement of Measurement Uncertainty

Test Item	Uncertainty
Uncertainty for Conducted emissions	3.31 dB
Uncertainty for Radiated emission (9 kHz to 30 MHz)	3.1 dB
Uncertainty for Radiated emission (30 MHz to 1 GHz)	4.53 dB
Uncertainty for Radiated emission (above 1 GHz)	4.80 dB
RF power, conducted	1.08 dB
Power Spectral Density, Conducted	1.46 dB
Spurious Emissions, Conducted	2.94 dB
Occupied bandwidth	57.74 kHz
Measurement Uncertainty Decision Rule Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115: 2023, clause 4.3.3 and 4.3.4.	

2.7.Report modification record

Report No.	Issue Date	Description
SST2609E013	2026-9-2	Original Report

2.8.Test Facility

The test facility is recognized, certified, or accredited by the following organizations:	
A2LA	Certificate No.:7057.01
FCC	Designation Number:CN1432
	Test Firm Registration:640253
IC	Company Number: 30419
	CAB identifier: CN0154
Location	DONGGUAN QIYANG TESTING TECHNOLOGY CO., LTD. Room 101-1, Building 1, No. 19, Tianxin Butterfly 1st Road, Huangjiang, Dongguan, Guangdong, China

2.9. Other information

The laboratory responsible for all the information provided in the report, except those information provided by the applicant.

The applicant shall fully responsible for the information they provided.

The report would be invalid without a stamp of test laboratory and the signatures of compiler and approver.

The laboratory has not been responsible for the sampling stage; the test report merely corresponds to the test sample received.

Any objection to the test report shall submitted to the test laboratory within 15 days from the date of receipt of the report.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

2.10. Addition Instructions

Test Software	BlueTest3
Power level setup	default

3. Verdict summary section

FCC 47 CFR PART 15 Subpart C		
Requirement – Test case	Basic standard	Verdict
Antenna requirement	FCC part 15.203	Pass
AC Power Line Conducted Emission	FCC part 15.207	Pass
Conducted Peak Output Power	FCC part 15.247 (b)(3)	Pass
Channel Bandwidth & 99% OCB	FCC part 15.247 (a)(2)	Pass
Power Spectral Density	FCC part 15.247 (e)	Pass
Spurious Emission & Band Edge	FCC part 15.247(d) FCC part 15.205/15.209	Pass

Test case verdicts	
- Test case does not apply to the test object	N/A
- Test object does meet the requirement	P (Pass)
- Test object does not meet the requirement	F (Fail)

4. List of Test Equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal. cycle	Cal. Due
Conducted emissions					
EMI Test Receiver	R&S	ESR3	103057	1 year	2027/04/09
LISN	R&S	ENV 216	102832	1 year	2027/04/09
Test Software	Farad	EZ-EMC	3A1.6	/	/
Radiated emissions					
Loop Antenna	Schwarzbeck	FMZB 1513-60B	00044	1 year	2027/04/10
Broadband Antenna	Schwarzbeck	VULB 9162	00556	1 year	2027/04/10
Horn Antenna	Schwarzbeck	BBHA 9120 D	02783	1 year	2027/04/10
Horn Antenna	Schwarzbeck	BBHA 9170	01306	1 year	2027/04/10
EMI Test Receiver	R&S	ESU8	100372	1 year	2027/04/10
Spectrum Analyzer	R&S	FSV40-N	101791	1 year	2027/04/10
Amplifier	Schwarzbeck	BBV 9744	00327	1 year	2027/04/10
Amplifier	TSTPASS	LNA10180G45	TS2215008	1 year	2027/04/13
Amplifier	RF system	TRLA-180400G45B	23060801	1 year	2027/04/13
Notch Filter	COM-MW	ZBSF6-C2400-2483.5-1079	05235565	1 year	2027/04/10
Notch Filter	COM-MW	ZBSF6-C5150-5850-329	05235564	1 year	2027/04/10
3m Anechoic Chamber	BOST	CHC-966	/	3 year	2029/04/10
Test Software	Farad	EZ-EMC	3A1.1+	/	/
RF conducted					
Spectrum Analyzer	keysight	N9020A	MY51280659	1 year	2027/04/09
Signal Generator	Agilent	N5181A	MY48180054	1 year	2027/04/09
Signal Generator	keysight	N5172B	MY57281610	1 year	2027/04/09
Spectrum Analyzer	R&S	FSV40-N	101791	1 year	2027/04/09
Wideband Radio Communication Tester	R&S	CMW500	123123	1 year	2027/04/09
RF Switch Box	TST PASS	TST V2	/	1 year	2027/04/09
Test Software	TST PASS	TST PASS	V2.0	/	/
Temperature and humidity chamber	Guangdong fenghe	FH-TH-1000	FH24032017	1 year	2027/03/10

5. Technical Requirement and Measurement Data

5.1. Generally requirement

15.203 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.

EUT Antenna:

The antenna is FPC antenna, Reference to the appendix for details

5.2. Conducted emissions

5.2.1. Limits

Frequency (MHz)	Quasi-peak	Average
0.15 to 0.5	66 to 56	56 to 46
0.5 to 5	56	46
5 to 30	60	50

5.2.2. Test method

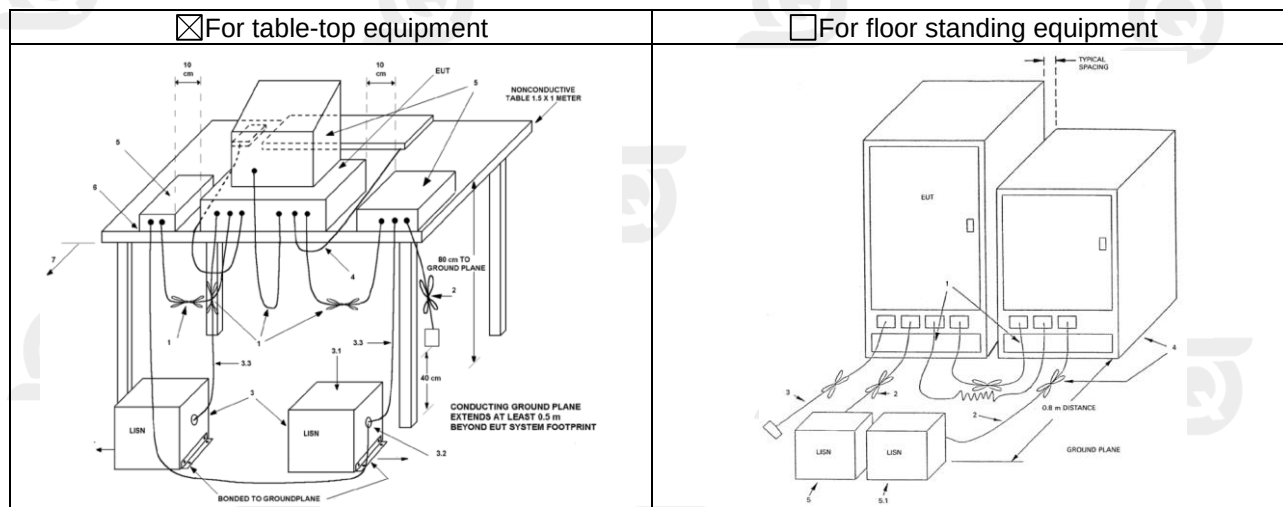
The measurement was performed in a shield room.

Measured levels of ac power-line conducted emission shall be the radio-noise voltage from the voltage probe, where permitted, or across the 50 Ω LISN port (to which the EUT is connected), as terminated into a 50 Ω EMI receiver or spectrum analyzer. All radio-noise voltage and current measurements shall be made on each current-carrying conductor at the plug end of the EUT power cord or calibrated extension cord by the use of mating plugs and receptacles on the EUT and LISN, if used. The manufacturer shall test equipment with power cords that are normally supplied or recommended by the manufacturer and that have electrical and shielding characteristics that are the same as those cords normally supplied or recommended. For measurements using a LISN, the 50 Ω measuring port is terminated into a 50 Ω EMI receiver or spectrum analyzer. All other ports are terminated into 50 Ω loads.

Table top devices shall be placed on a platform of nominal size 1 m by 1.5 m, raised 80 cm above the reference ground plane. The vertical conducting plane or wall of an RF-shielded (screened) room shall be located 40 cm to the rear of the EUT. Floor-standing devices shall be placed either directly on the reference ground-plane or on insulating material as described in ANSI C63.4. All other surfaces of tabletop or floor-standing EUTs shall be at least 80 cm from any other grounded conducting surface, including the case or cases of one or more LISNs.

The bandwidth of the test receiver is set at 9 kHz.

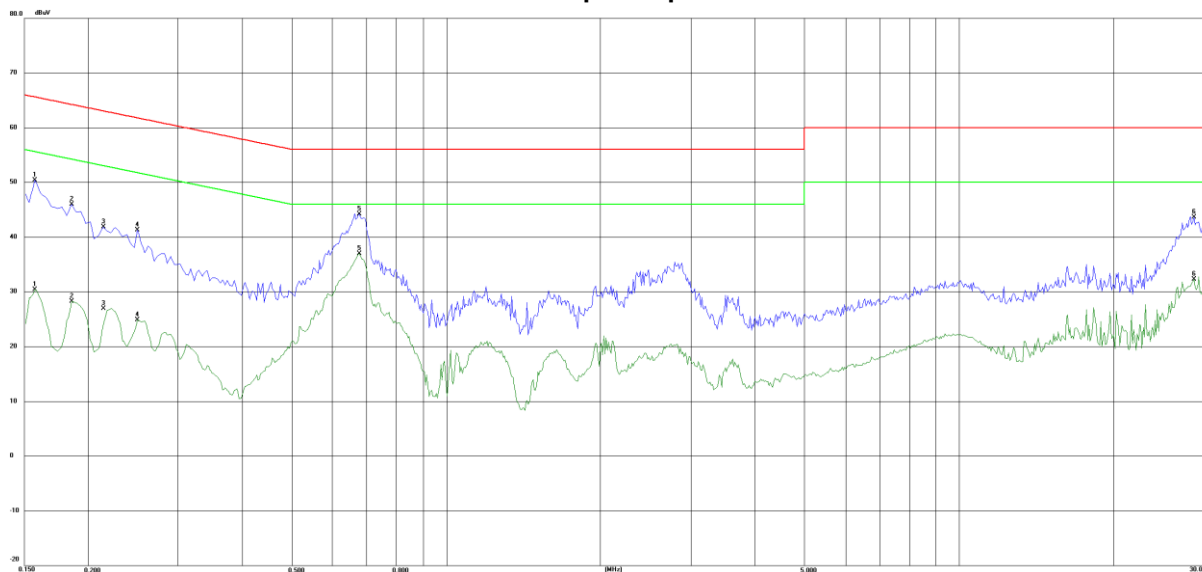
5.2.3. Block diagram of test setup



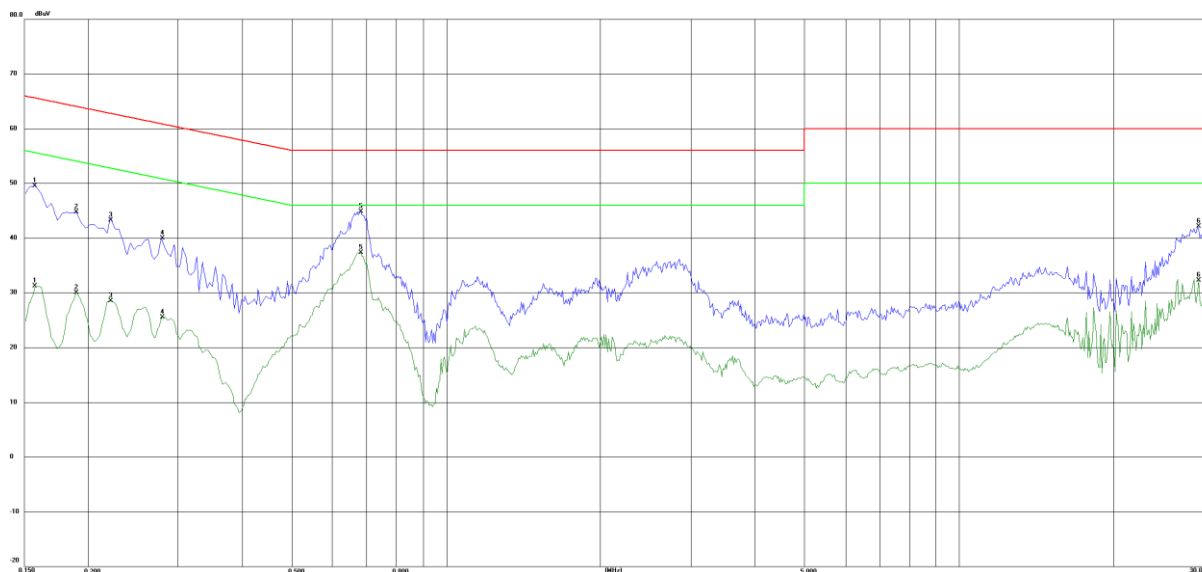
5.2.4. Test information

Ambient temperature:	23.0 °C
Relative humidity:	47 %
EUT operation mode:	Mode 1
Test results:	Pass
Remark:	Correct Factor Value = Attenuator Factor + Cable Loss + LISN Factor Measurement Value = Reading Level Value + Correct Factor Value Over Value = Measurement Value - Limit Value Only the worst case report (2402MHz)

Measurement data and Graphical presentation of the result



No.	Frequency (MHz)	QP Value (dBuV)	QP Limit (dBuV)	QP Margin (dB)	AVG Value (dBuV)	AVG Limit (dBuV)	AVG Margin (dB)	Result	Line
1	0.158	50.44	65.57	-15.13	30.40	55.57	-25.17	Pass	Neutral
2	0.186	46.02	64.21	-18.19	28.24	54.21	-25.97	Pass	Neutral
3	0.214	41.87	63.05	-21.18	26.93	53.05	-26.12	Pass	Neutral
4	0.250	41.33	61.76	-20.43	24.86	51.76	-26.90	Pass	Neutral
5	0.678	44.22	56.00	-11.78	37.01	46.00	-8.99	Pass	Neutral
6	28.686	43.61	60.00	-16.39	32.31	50.00	-17.69	Pass	Neutral



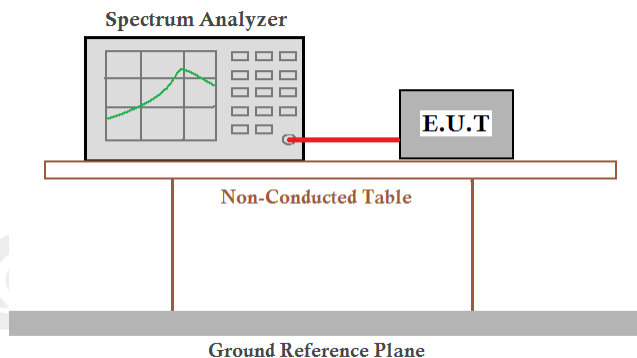
No.	Frequency (MHz)	QP Value (dBuV)	QP Limit (dBuV)	QP Margin (dB)	AVG Value (dBuV)	AVG Limit (dBuV)	AVG Margin (dB)	Result	Line
1	0.158	49.60	65.57	-15.97	31.22	55.57	-24.35	Pass	Line 1
2	0.190	44.73	64.04	-19.31	30.07	54.04	-23.97	Pass	Line 1
3	0.222	43.23	62.74	-19.51	28.53	52.74	-24.21	Pass	Line 1
4	0.280	39.99	60.82	-20.83	25.54	50.82	-25.28	Pass	Line 1
5	0.682	44.91	56.00	-11.09	37.40	46.00	-8.60	Pass	Line 1
6	29.234	42.14	60.00	-17.86	32.28	50.00	-17.72	Pass	Line 1

5.3. Duty Cycle

Limit

Report for use

Block diagram of Test Setup



Test Instrument

Refer to section 4 for details

Test Procedures

The transmitter output connected to the Spectrum Analyzer.
Test according to Procedure 6.0)b in KDB 558074 v05r02.

- 1.RBW=8 MHz(the largest available value)
- 2.VBW=8 MHz(>RBW)
- 3.SPAN = 0 Hz
- 4.Detector = Peak
- 5.Number of points in sweep: 30001
- 6.Trace mode: Clear write
- 7.Measure T_{total} and T_{on}
- 8.Calculate Duty Cycle = T_{on}/T_{total} and Duty Cycle Factor = $10\log(1/\text{Duty Cycle})$

Verdict

Pass

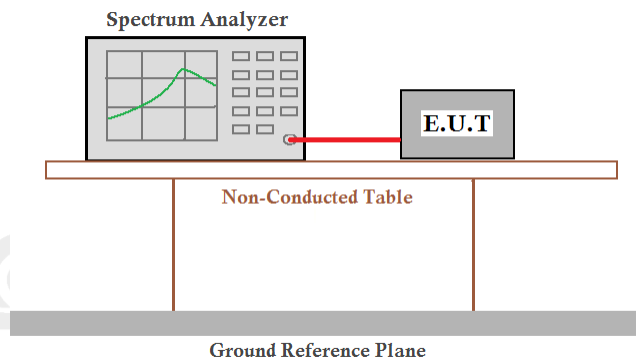
Measurement Data: The detailed test data see Appendix

5.4. Conducted Peak Output Power

Limit

1W (30dBm, Conducted)

Block diagram of Test Setup



Test Instrument

Refer to section 4 for details

Test Procedures

The path loss was compensated to the results for each measurement.

Use the following spectrum analyzer settings:

- Set the RBW $\geq$ DTS bandwidth.
- Set VBW $\geq [3 \times \text{RBW}]$.
- Set span $\geq [3 \times \text{RBW}]$.
- Sweep time = No faster than coupled (auto) time.
- Detector = peak.
- Trace mode = max-hold.
- Allow trace to fully stabilize.
- Use peak marker function to determine the peak amplitude level.

Verdict

Pass

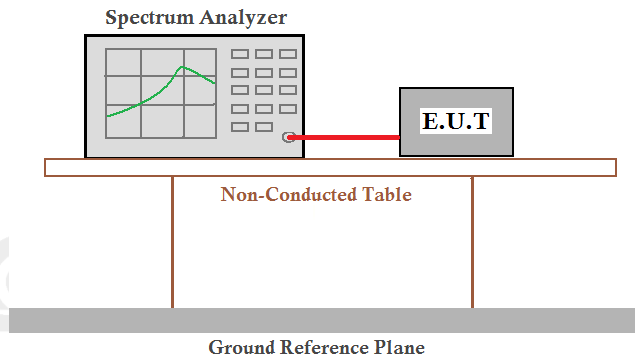
Measurement Data: The detailed test data see Appendix

5.5. Channel Bandwidth

Limit

>500KHz

Block diagram of Test Setup



Test Instrument

Refer to section 4 for details

Test Procedures

The steps for the first option are as follows:

- Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz.
- Set the VBW $\geq [3 \times \text{RBW}]$.
- Detector = peak.
- Trace mode = max-hold.
- Sweep = No faster than coupled (auto) time.
- Allow the trace to stabilize.
- Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “-6 dB down amplitude”. If a marker is below this “-6 dB down amplitude” value, then it shall be as close as possible to this value.

The following procedure shall be used for measuring 99% power bandwidth: Use the following spectrum analyzer settings:

- Span equal to approximately 1.5 times the OBW, centered on the carrier frequency
- RBW, prefer 1% to 5% of OBW, or a minimum of 1 MHz if this is not possible due to a large OBW
- VBW approximately $3 \times \text{RBW}$.
- Sweep = No faster than coupled (auto) time
- Detector function = peak.
- Trace = max-hold.
- The EUT shall be transmitting at its maximum data rate. Allow the trace to stabilize.

Verdict

Pass

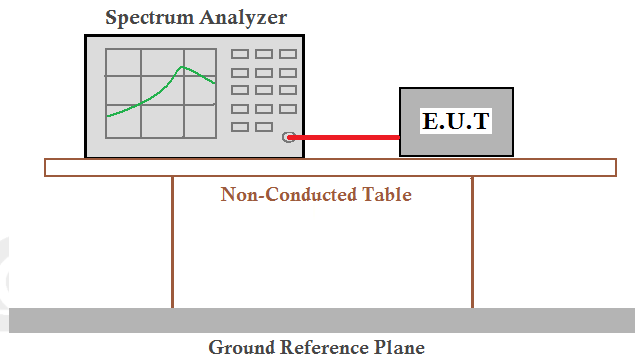
Measurement Data: The detailed test data see Appendix

5.6. Power Spectral Density

Limit

8dBm/3kHz

Block diagram of Test Setup



Test Instrument

Refer to section 4 for details

Test Procedures

The path loss was compensated to the results for each measurement.

- Set analyzer center frequency to DTS channel center frequency.
- Set the span >1.5 times the DTS bandwidth.
- Set the RBW to $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- Set the VBW $\geq [3 \times \text{RBW}]$.
- Detector = peak.
- Sweep time = No faster than coupled (auto) time.
- Trace mode = max-hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level within the RBW.

Verdict

Pass

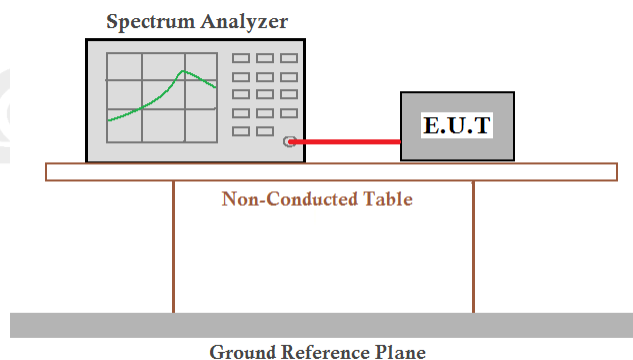
Measurement Data: The detailed test data see Appendix

5.7. Conducted Spurious Emission

Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum 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.

Block diagram of Test Setup



Test Instrument

Refer to section 4 for details

Test Procedures

The path loss was compensated to the results for each measurement.

Establish a reference level by using the following procedure:

- Set instrument center frequency to DTS channel center frequency.
 - Set the span to ≥ 1.5 times the DTS bandwidth.
 - Set the RBW = 100 kHz.
 - Set the VBW $\geq [3 \times \text{RBW}]$.
 - Detector = peak.
 - Sweep time = No faster than coupled (auto) time.
 - Trace mode = max-hold.
 - Allow trace to fully stabilize.
 - Use the peak marker function to determine the maximum PSD level.
- Note that the channel found to contain the maximum PSD level can be used to establish the reference level

Establish an emission level by using the following procedure:

- Set the center frequency and span to encompass frequency range to be measured. Note that the frequency range might need to be divided into multiple frequency ranges to retain frequency resolution.

NOTE—the number of points can also be increased for large spans to retain frequency resolution

- Set the RBW = 100 kHz.
- Set the VBW $\geq [3 \times \text{RBW}]$.
- Detector = peak.
- Sweep time = No faster than coupled (auto) time.
- Trace mode = max-hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level.

Verdict

Pass

Note: The conducted spurious emissions test has compensated for the maximum line loss measurement, and the recorded data represents the worst-case scenario

Measurement Data: The detailed test data see Appendix

5.8. Radiated emissions

5.8.1. Limits

Frequency (MHz)	Field Strength(microvolts/meter)	Measurement distance(meters)
0.009~0.49	2400/F(kHz)	300
0.49~1.705	24000/F(kHz)	30
1.705~30	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.

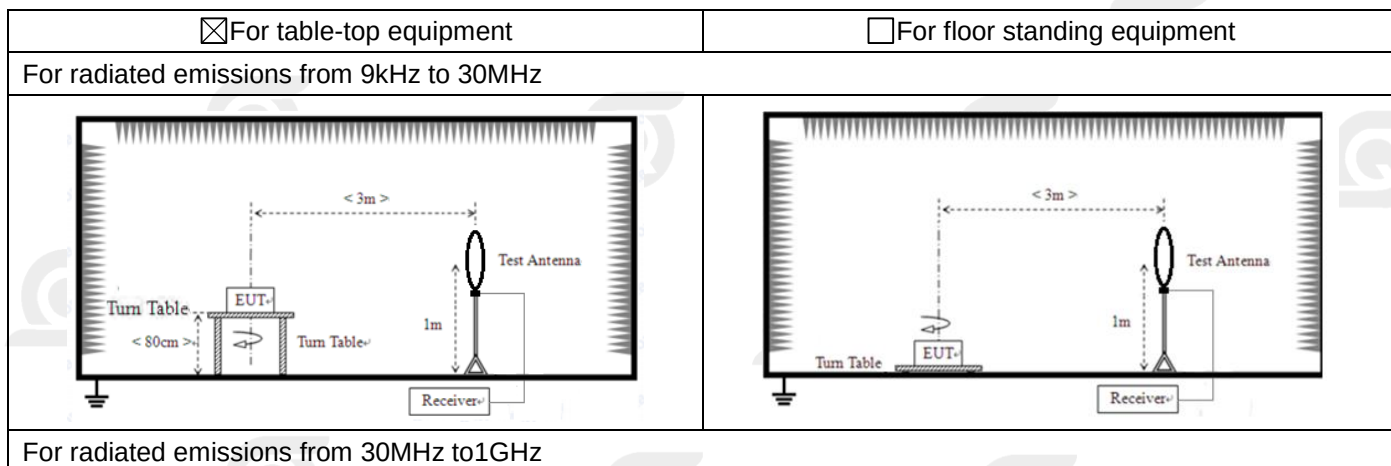
5.8.2. Test method

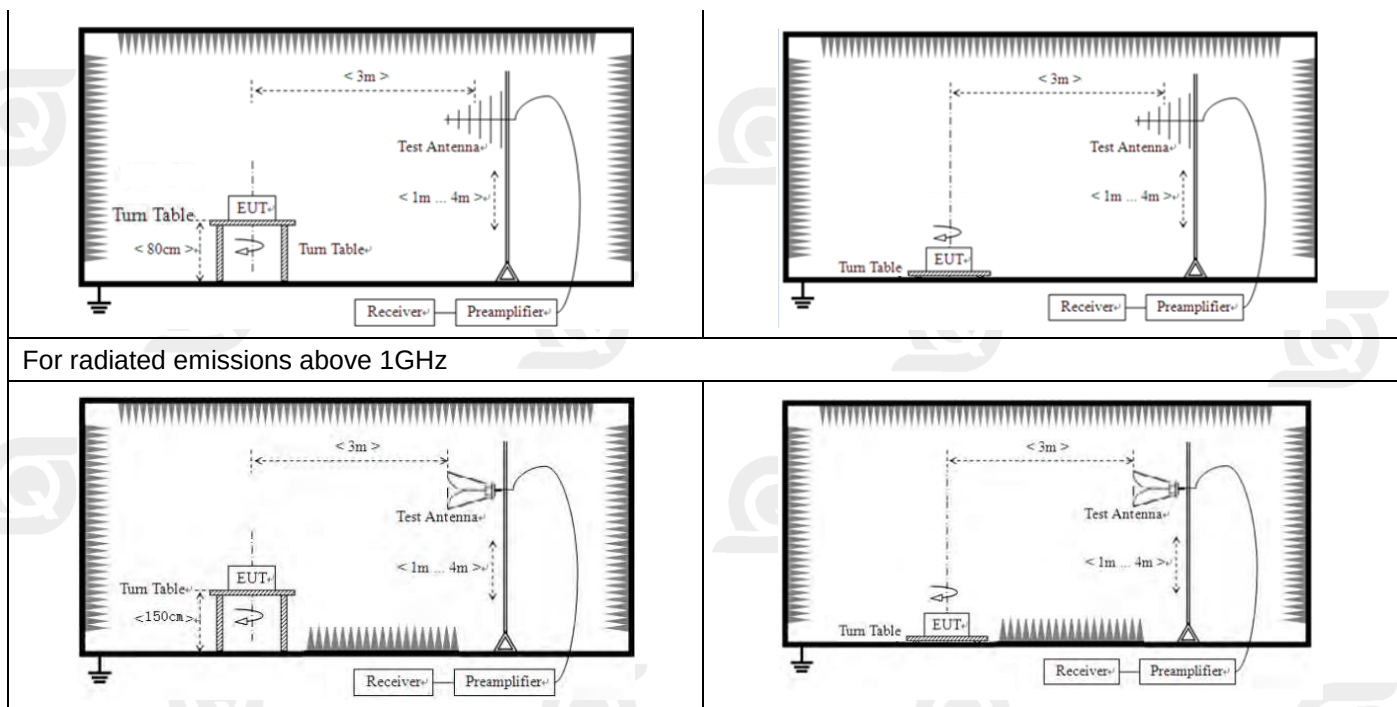
Measurements were made in semi-anechoic chamber or Open Area Test Site that complies to CISPR 16.

Preliminary (peak) measurements. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in horizontal and vertical polarities. Final measurements (quasi-peak detector below 1 GHz and average detector above 1 GHz) were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4 m. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable.

Test applies to KDB558074 D01 15.247 Meas Guidance v05r02 & C63.10

5.8.3. Block diagram of test setup





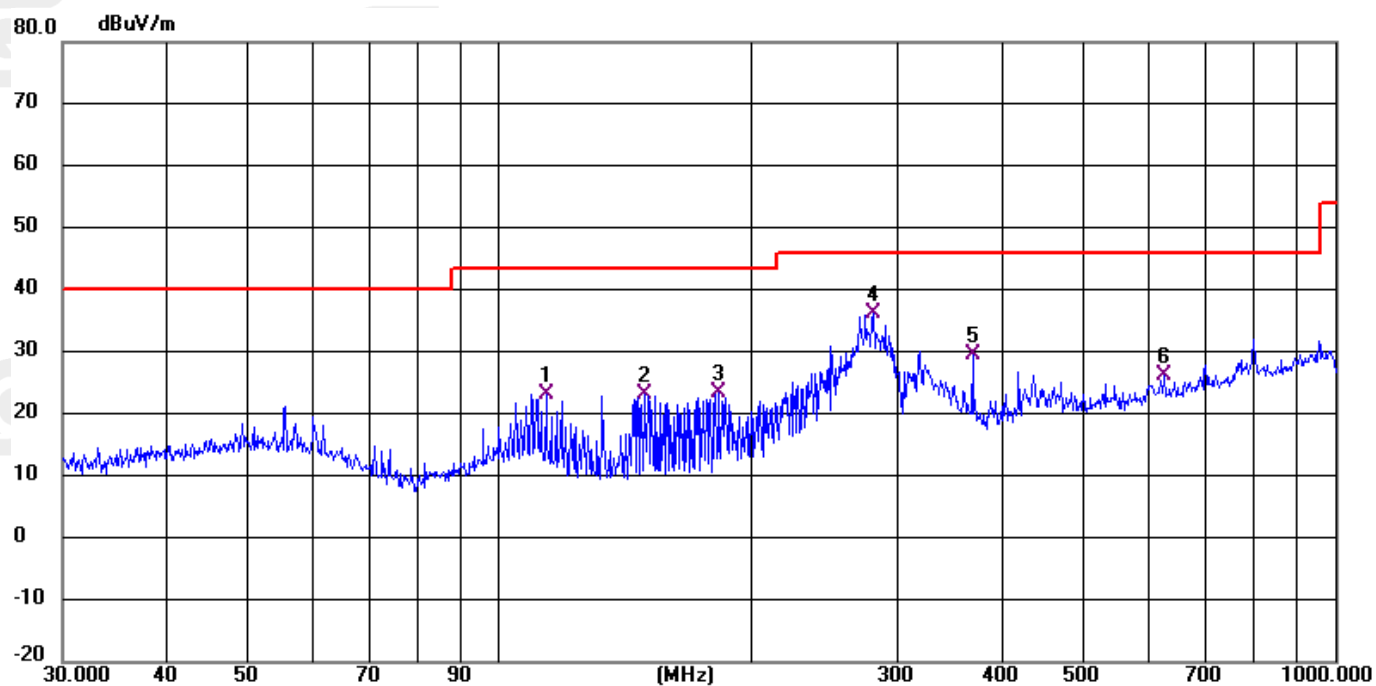
5.8.4. Test information

Ambient temperature:	24.5 °C
Relative humidity:	46 %
EUT operation mode:	Mode 1
Test results:	Pass
Remark:	Factor Value = Antenna Factor + Cable Loss - Preamplifier Factor Level Value = Reading Value + Factor Value Margin Value = Level Value - Limit Value

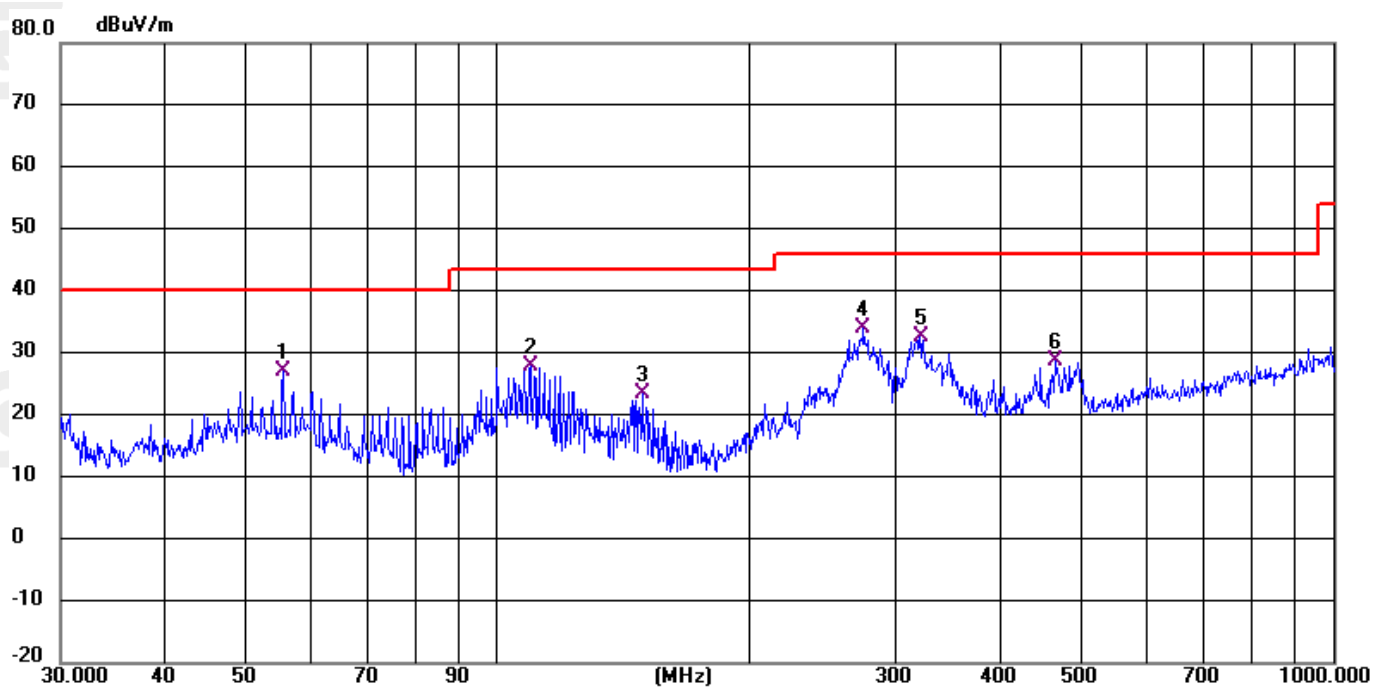
Note: The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o), the test result no need to reported.

All condition were test and passed, only worst data report (2402MHz)

Measurement data and Graphical presentation of the result



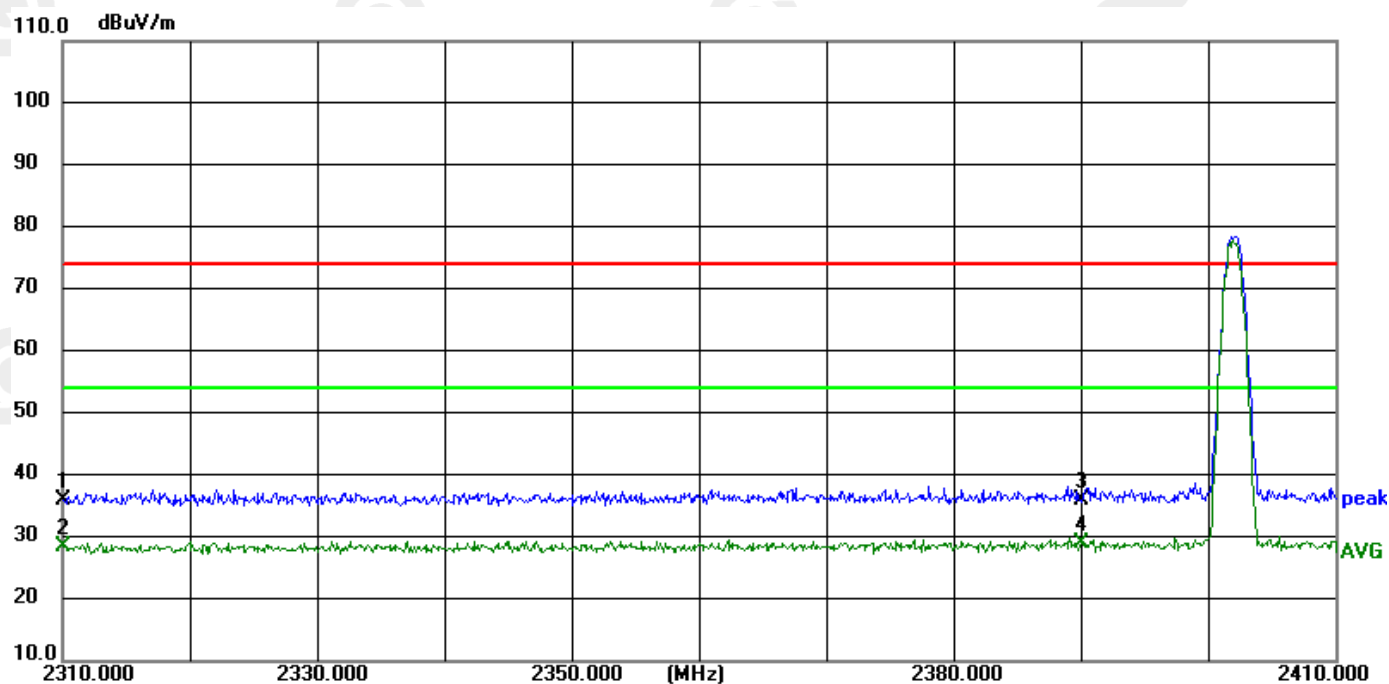
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Remark
1	114.064	11.23	12.04	23.27	43.50	-20.23	QP	Horizontal
2	149.486	13.95	9.34	23.29	43.50	-20.21	QP	Horizontal
3	183.442	11.97	11.42	23.39	43.50	-20.11	QP	Horizontal
4 *	280.024	21.34	14.92	36.26	46.00	-9.74	QP	Horizontal
5	368.758	12.39	17.07	29.46	46.00	-16.54	QP	Horizontal
6	625.901	4.67	21.63	26.30	46.00	-19.70	QP	Horizontal



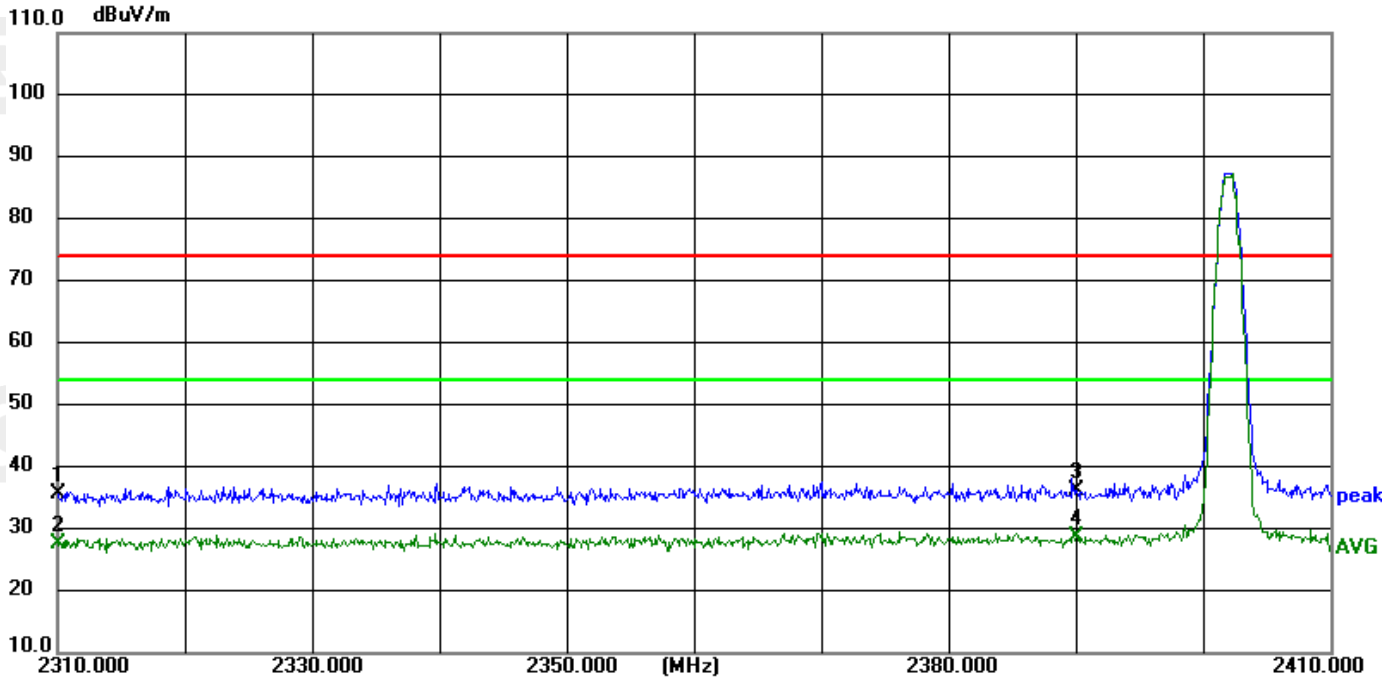
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Remark
1	55.463	12.81	14.21	27.02	40.00	-12.98	QP	Vertical
2	109.412	15.23	12.59	27.82	43.50	-15.68	QP	Vertical
3	149.486	14.08	9.34	23.42	43.50	-20.08	QP	Vertical
4 *	274.555	19.32	14.78	34.10	46.00	-11.90	QP	Vertical
5	321.061	16.67	15.96	32.63	46.00	-13.37	QP	Vertical
6	467.030	9.76	18.90	28.66	46.00	-17.34	QP	Vertical

Restricted Bands:

Lowest channel:

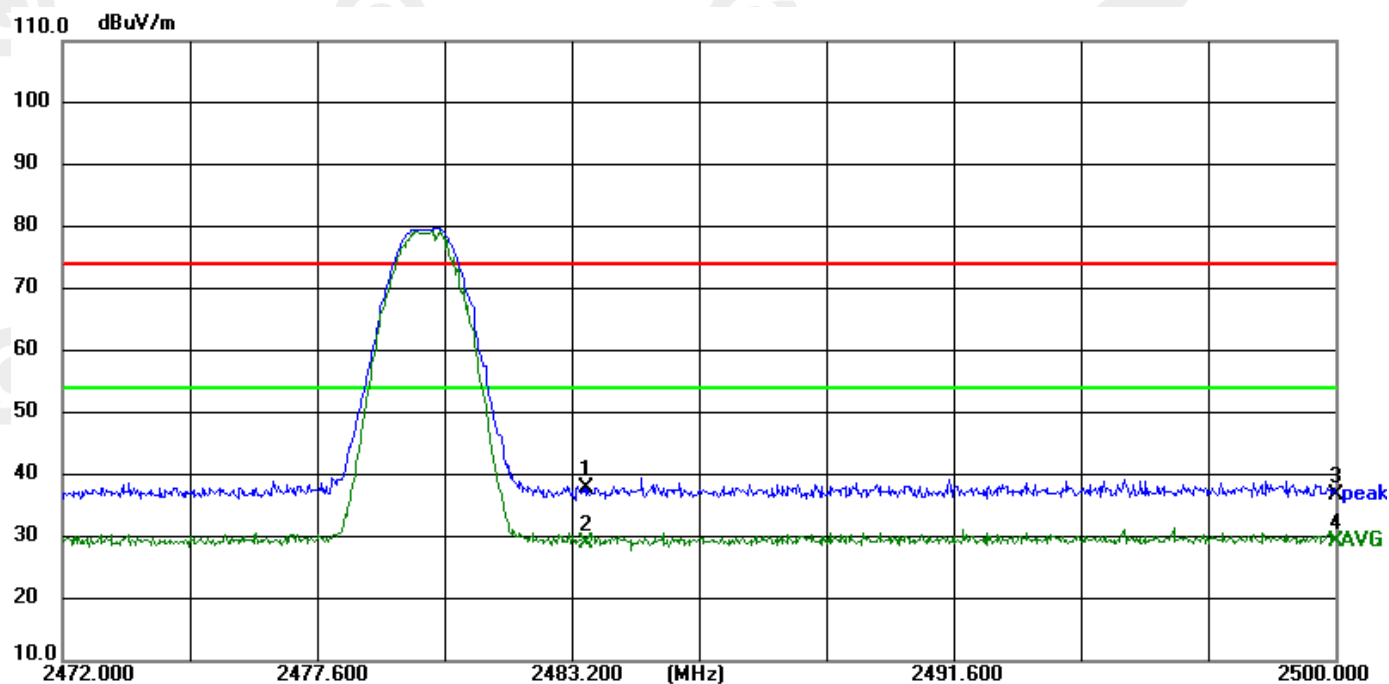


No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	2310.000	56.73	-20.81	35.92	74.00	-38.08	peak	Vertical
2	2310.000	49.41	-20.81	28.60	54.00	-25.40	AVG	Vertical
3	2390.000	56.61	-20.60	36.01	74.00	-37.99	peak	Vertical
4 *	2390.000	49.54	-20.60	28.94	54.00	-25.06	AVG	Vertical

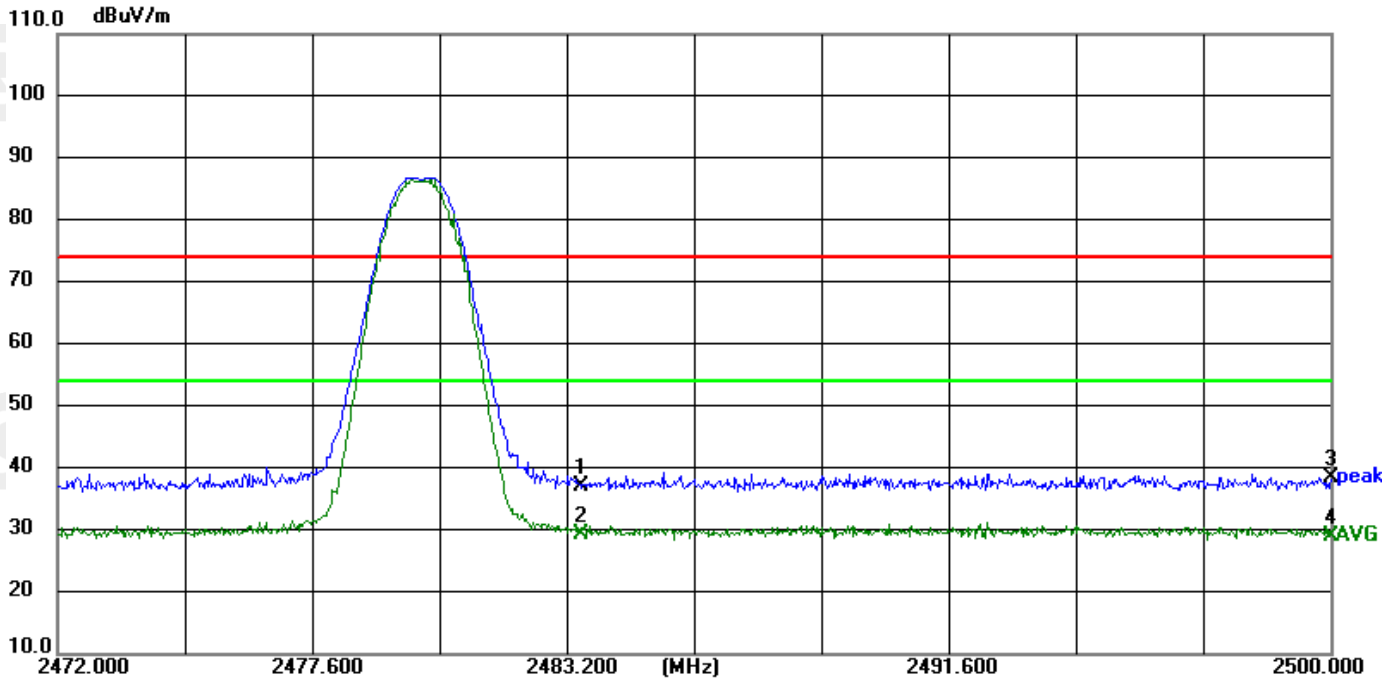


No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	2310.000	56.50	-20.81	35.69	74.00	-38.31	peak	Horizontal
2	2310.000	48.33	-20.81	27.52	54.00	-26.48	AVG	Horizontal
3	2390.000	56.85	-20.60	36.25	74.00	-37.75	peak	Horizontal
4 *	2390.000	49.29	-20.60	28.69	54.00	-25.31	AVG	Horizontal

Highest channel:



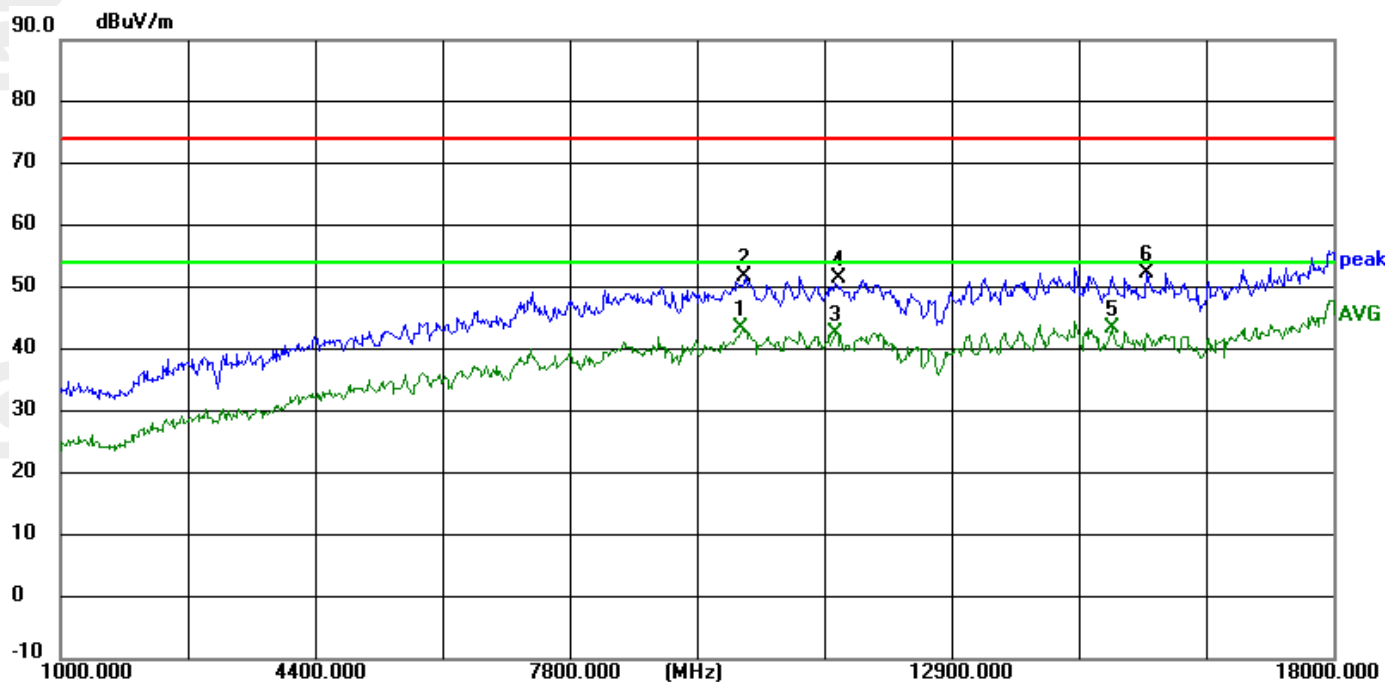
No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	2483.500	58.23	-20.29	37.94	74.00	-36.06	peak	Vertical
2	2483.500	49.45	-20.29	29.16	54.00	-24.84	AVG	Vertical
3	2500.000	56.94	-20.20	36.74	74.00	-37.26	peak	Vertical
4 *	2500.000	49.41	-20.20	29.21	54.00	-24.79	AVG	Vertical



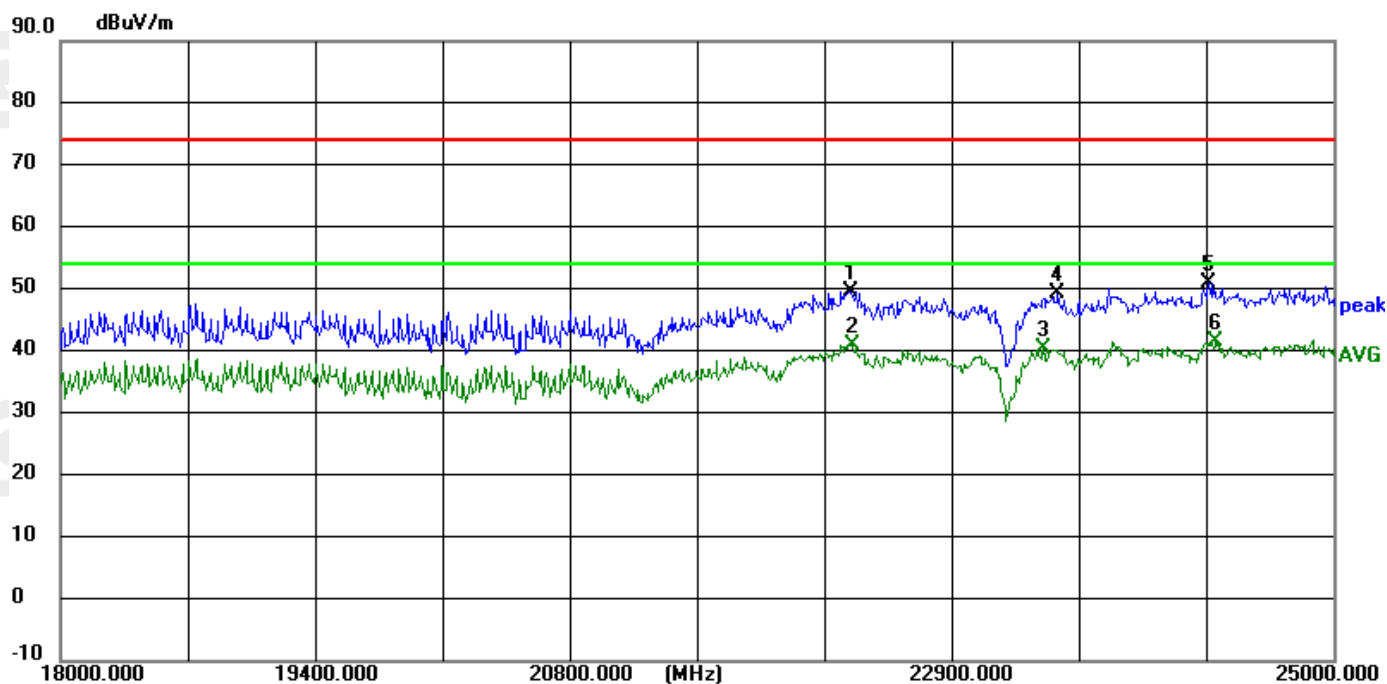
No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	2483.500	57.48	-20.29	37.19	74.00	-36.81	peak	Horizontal
2 *	2483.500	49.60	-20.29	29.31	54.00	-24.69	AVG	Horizontal
3	2500.000	58.62	-20.20	38.42	74.00	-35.58	peak	Horizontal
4	2500.000	49.32	-20.20	29.12	54.00	-24.88	AVG	Horizontal

Spurious Emissions:

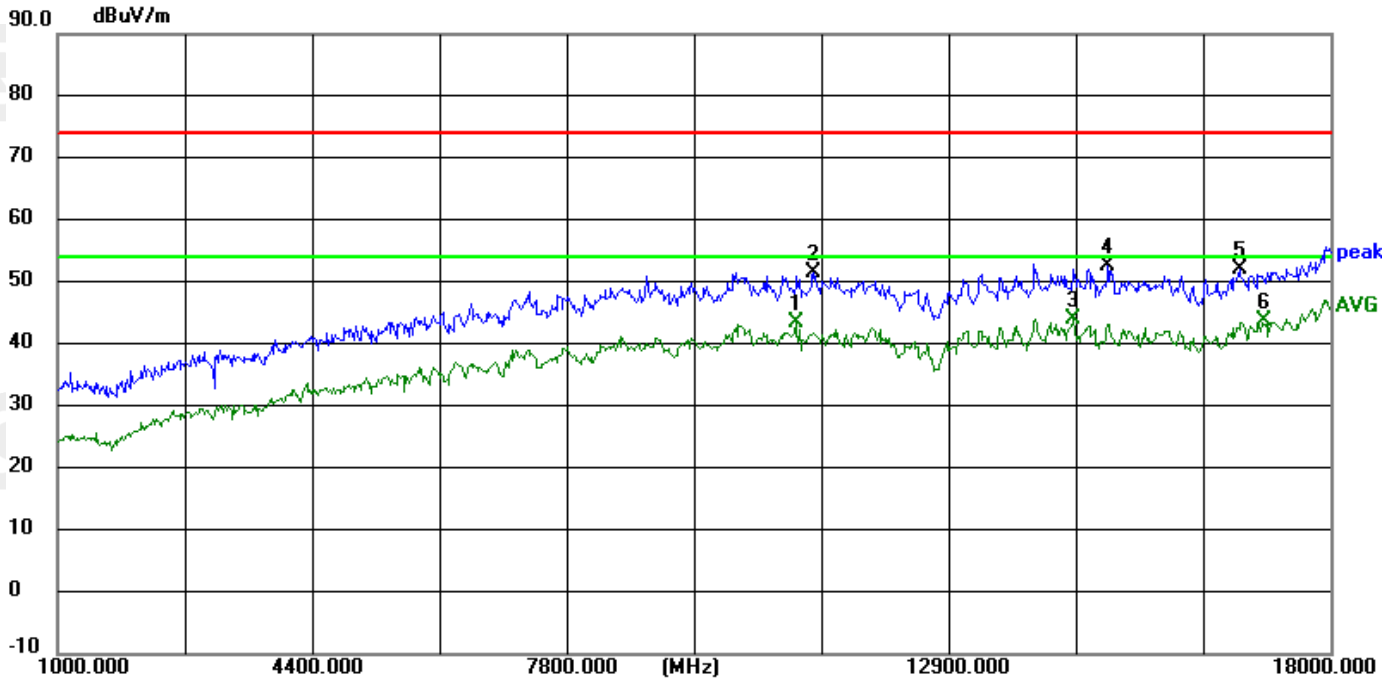
Lowest Channel



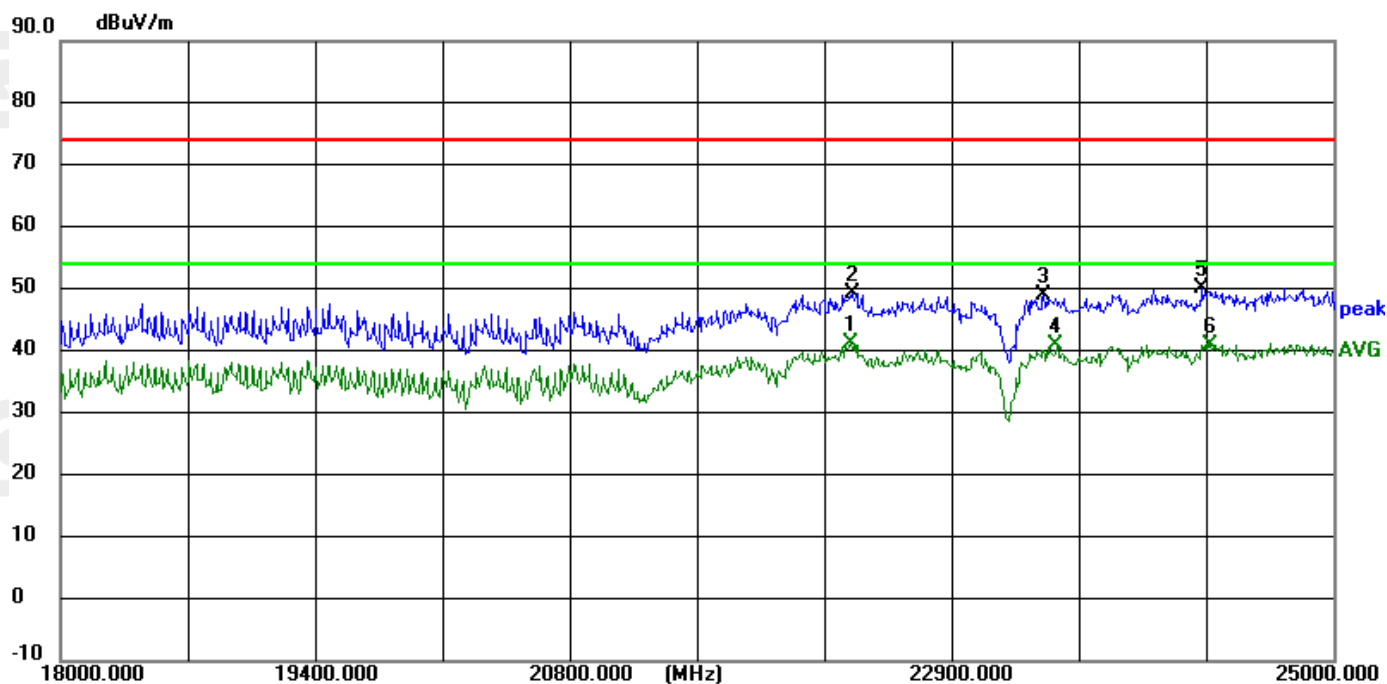
No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	10101.375	46.02	-2.66	43.36	54.00	-10.64	AVG	Horizontal
2	10143.875	54.44	-2.62	51.82	74.00	-22.18	peak	Horizontal
3	11359.375	44.24	-1.53	42.71	54.00	-11.29	AVG	Horizontal
4	11404.000	53.10	-1.50	51.60	74.00	-22.40	peak	Horizontal
5 *	15044.125	43.06	0.33	43.39	54.00	-10.61	AVG	Horizontal
6	15526.500	51.93	0.52	52.45	74.00	-21.55	peak	Horizontal



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	22340.875	52.84	-3.15	49.69	74.00	-24.31	peak	Horizontal
2	22347.875	44.16	-3.15	41.01	54.00	-12.99	AVG	Horizontal
3	23408.375	42.64	-2.33	40.31	54.00	-13.69	AVG	Horizontal
4	23487.125	51.32	-2.15	49.17	74.00	-24.83	peak	Horizontal
5	24320.125	52.19	-1.29	50.90	74.00	-23.10	peak	Horizontal
6 *	24363.000	42.80	-1.26	41.54	54.00	-12.46	AVG	Horizontal

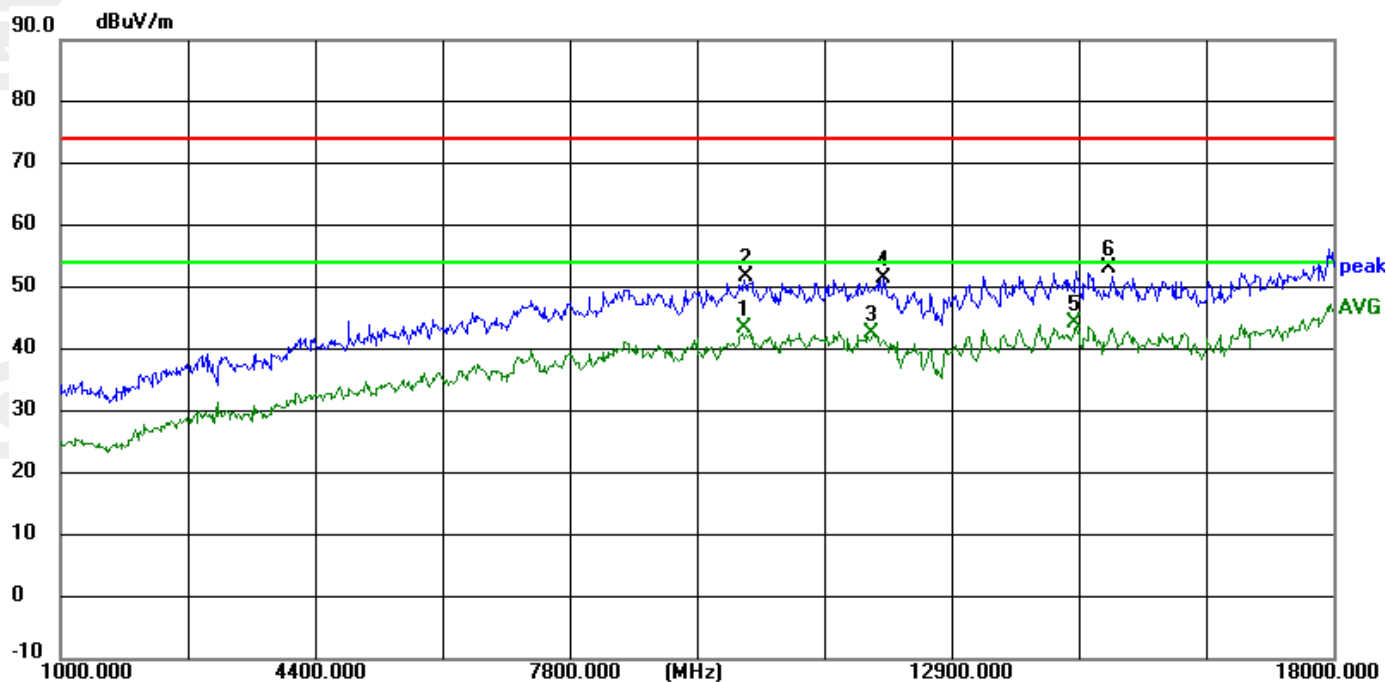


No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	10868.500	44.65	-1.29	43.36	54.00	-10.64	AVG	Vertical
2	11100.125	52.85	-1.27	51.58	74.00	-22.42	peak	Vertical
3 *	14566.000	43.25	0.83	44.08	54.00	-9.92	AVG	Vertical
4	15039.875	52.20	0.34	52.54	74.00	-21.46	peak	Vertical
5	16782.375	50.93	1.22	52.15	74.00	-21.85	peak	Vertical
6	17128.750	41.61	2.07	43.68	54.00	-10.32	AVG	Vertical

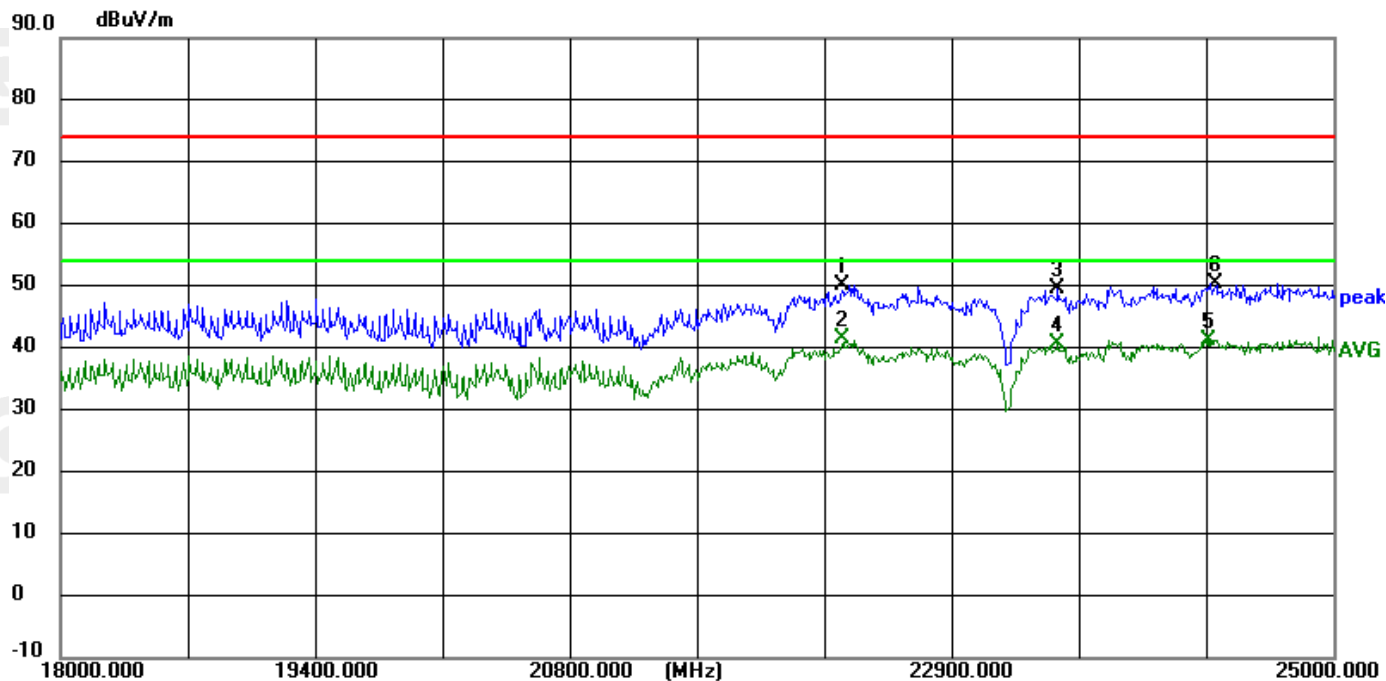


No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1 *	22342.625	44.31	-3.15	41.16	54.00	-12.84	AVG	Vertical
2	22347.875	52.52	-3.15	49.37	74.00	-24.63	peak	Vertical
3	23408.375	51.23	-2.33	48.90	74.00	-25.10	peak	Vertical
4	23479.250	43.13	-2.17	40.96	54.00	-13.04	AVG	Vertical
5	24282.500	51.45	-1.33	50.12	74.00	-23.88	peak	Vertical
6	24332.375	42.32	-1.28	41.04	54.00	-12.96	AVG	Vertical

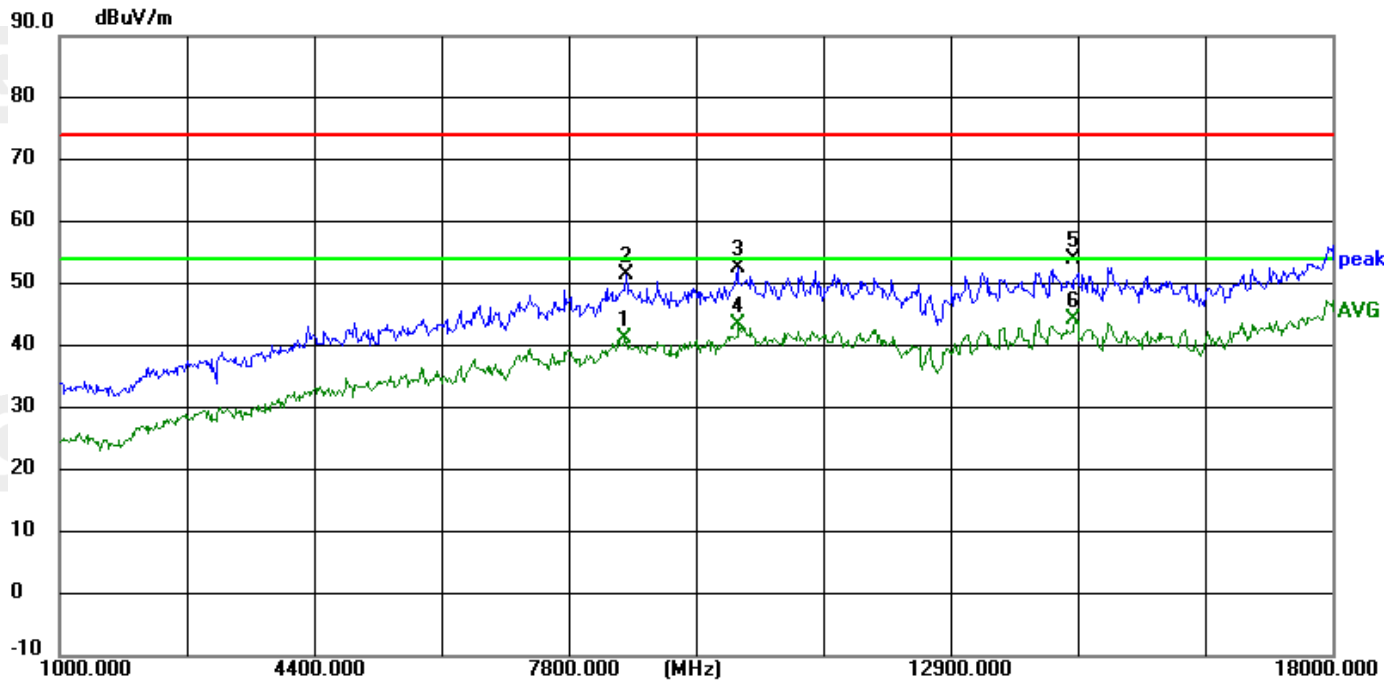
Middle Channel



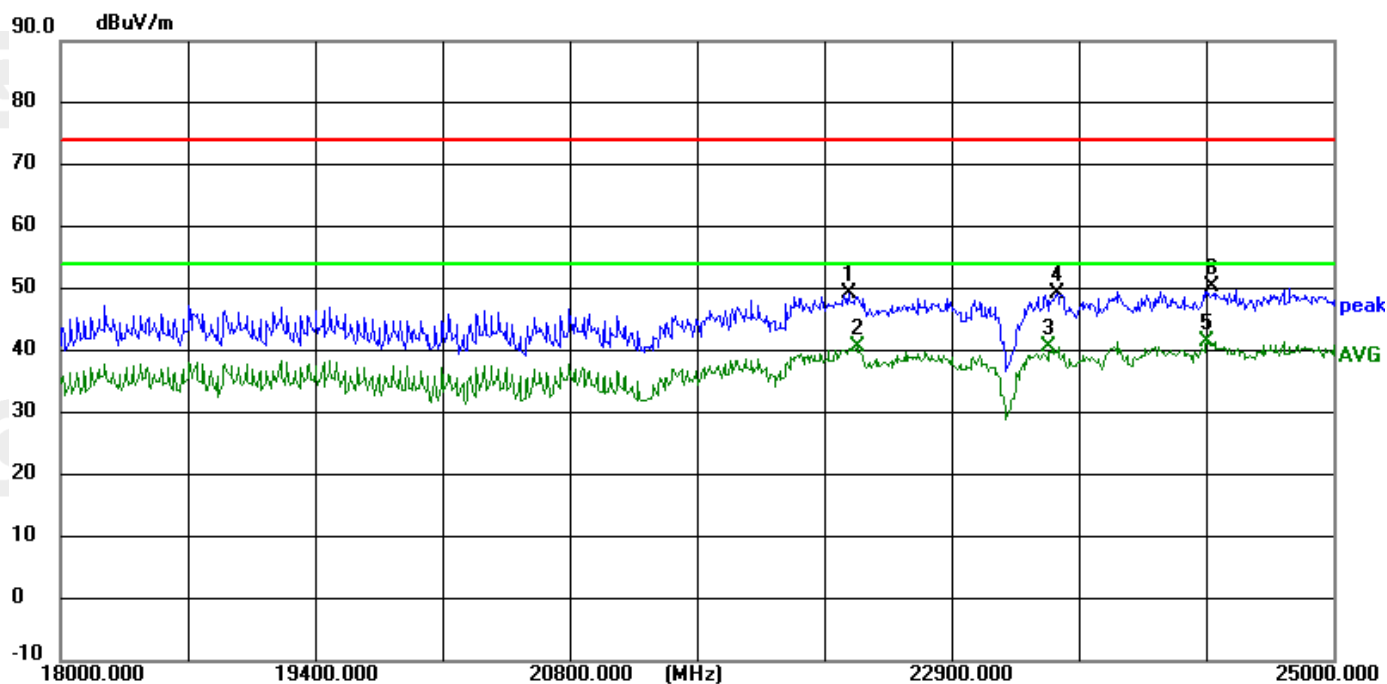
No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	10135.375	46.11	-2.63	43.48	54.00	-10.52	AVG	Horizontal
2	10175.750	54.53	-2.59	51.94	74.00	-22.06	peak	Horizontal
3	11839.625	44.77	-2.00	42.77	54.00	-11.23	AVG	Horizontal
4	11986.250	53.22	-1.81	51.41	74.00	-22.59	peak	Horizontal
5 *	14555.375	43.43	0.85	44.28	54.00	-9.72	AVG	Horizontal
6	15022.875	52.75	0.34	53.09	74.00	-20.91	peak	Horizontal



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	22302.375	53.36	-3.13	50.23	74.00	-23.77	peak	Horizontal
2 *	22302.375	44.54	-3.13	41.41	54.00	-12.59	AVG	Horizontal
3	23484.500	51.62	-2.16	49.46	74.00	-24.54	peak	Horizontal
4	23484.500	42.83	-2.16	40.67	54.00	-13.33	AVG	Horizontal
5	24316.625	42.68	-1.30	41.38	54.00	-12.62	AVG	Horizontal
6	24363.000	51.74	-1.26	50.48	74.00	-23.52	peak	Horizontal

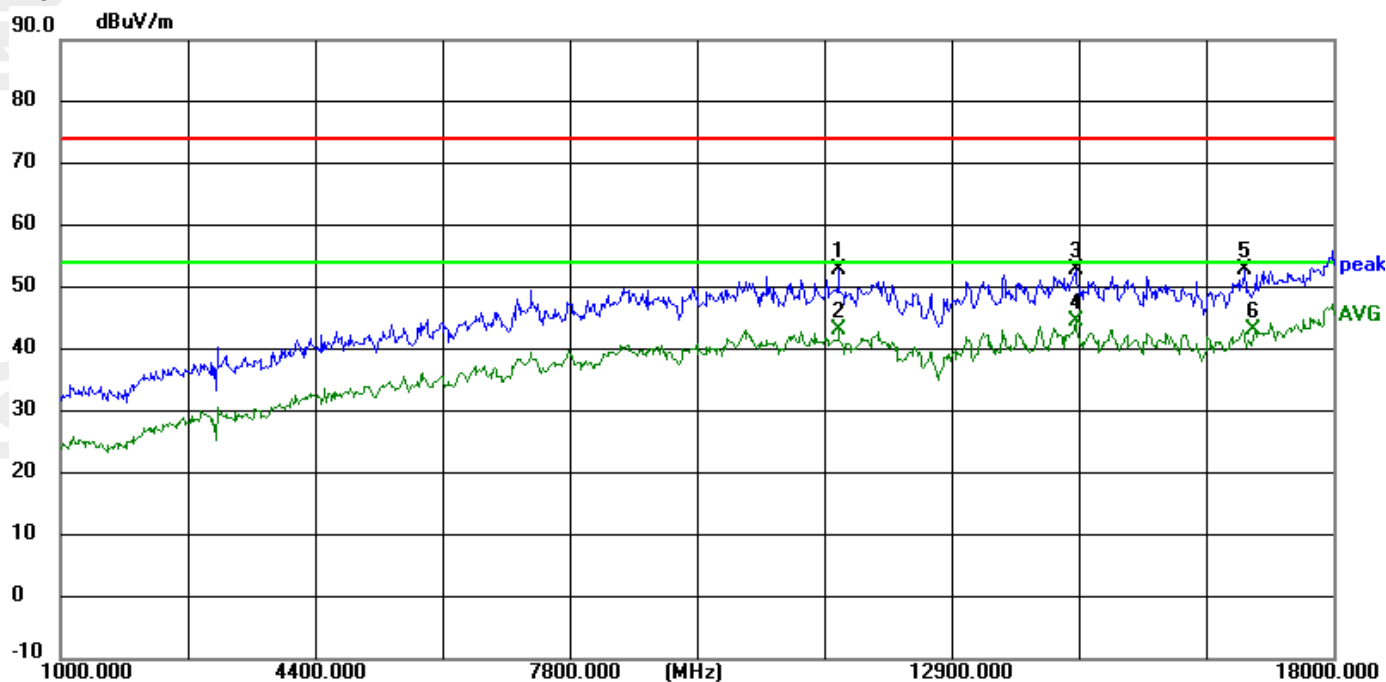


No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	8556.500	46.65	-5.46	41.19	54.00	-12.81	AVG	Vertical
2	8569.250	57.03	-5.43	51.60	74.00	-22.40	peak	Vertical
3	10054.625	55.47	-2.80	52.67	74.00	-21.33	peak	Vertical
4	10067.375	46.16	-2.77	43.39	54.00	-10.61	AVG	Vertical
5	14557.500	53.28	0.84	54.12	74.00	-19.88	peak	Vertical
6 *	14557.500	43.58	0.84	44.42	54.00	-9.58	AVG	Vertical

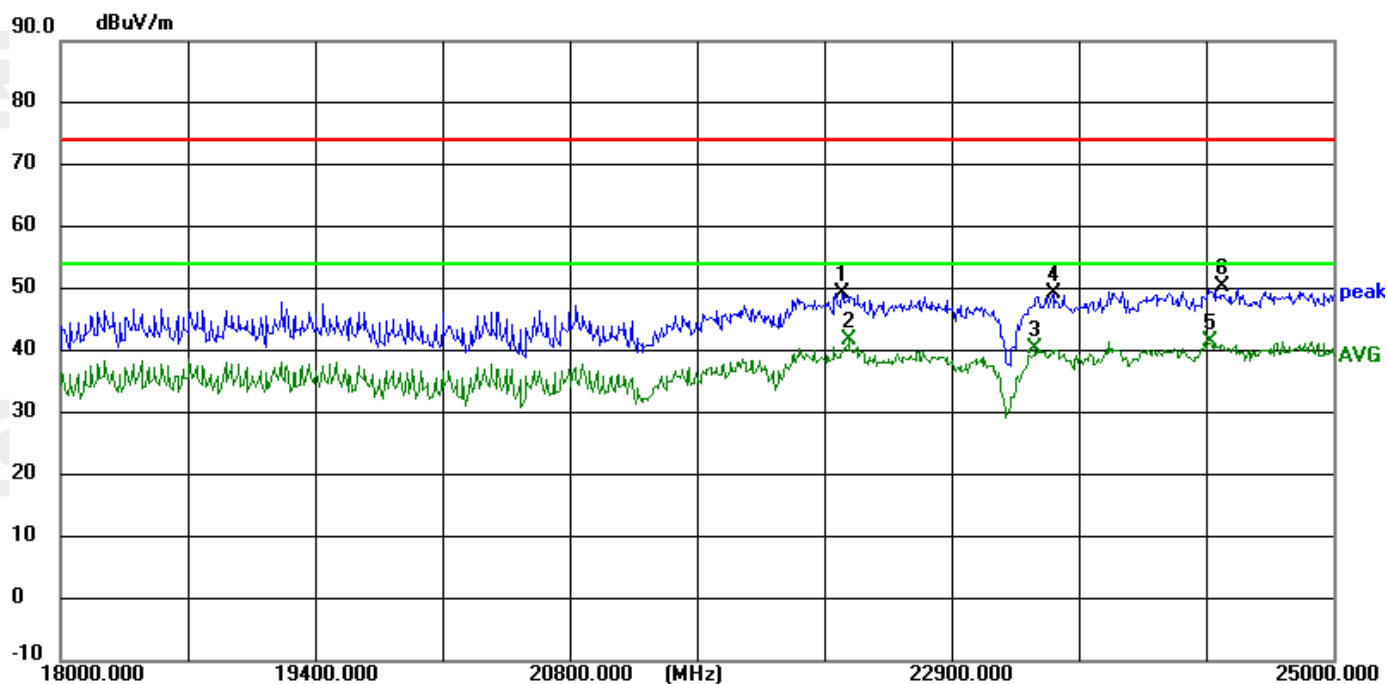


No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	22334.750	52.52	-3.15	49.37	74.00	-24.63	peak	Vertical
2	22378.500	43.93	-3.17	40.76	54.00	-13.24	AVG	Vertical
3	23439.000	42.97	-2.27	40.70	54.00	-13.30	AVG	Vertical
4	23476.625	51.38	-2.18	49.20	74.00	-24.80	peak	Vertical
5 *	24300.000	42.85	-1.32	41.53	54.00	-12.47	AVG	Vertical
6	24342.000	51.62	-1.27	50.35	74.00	-23.65	peak	Vertical

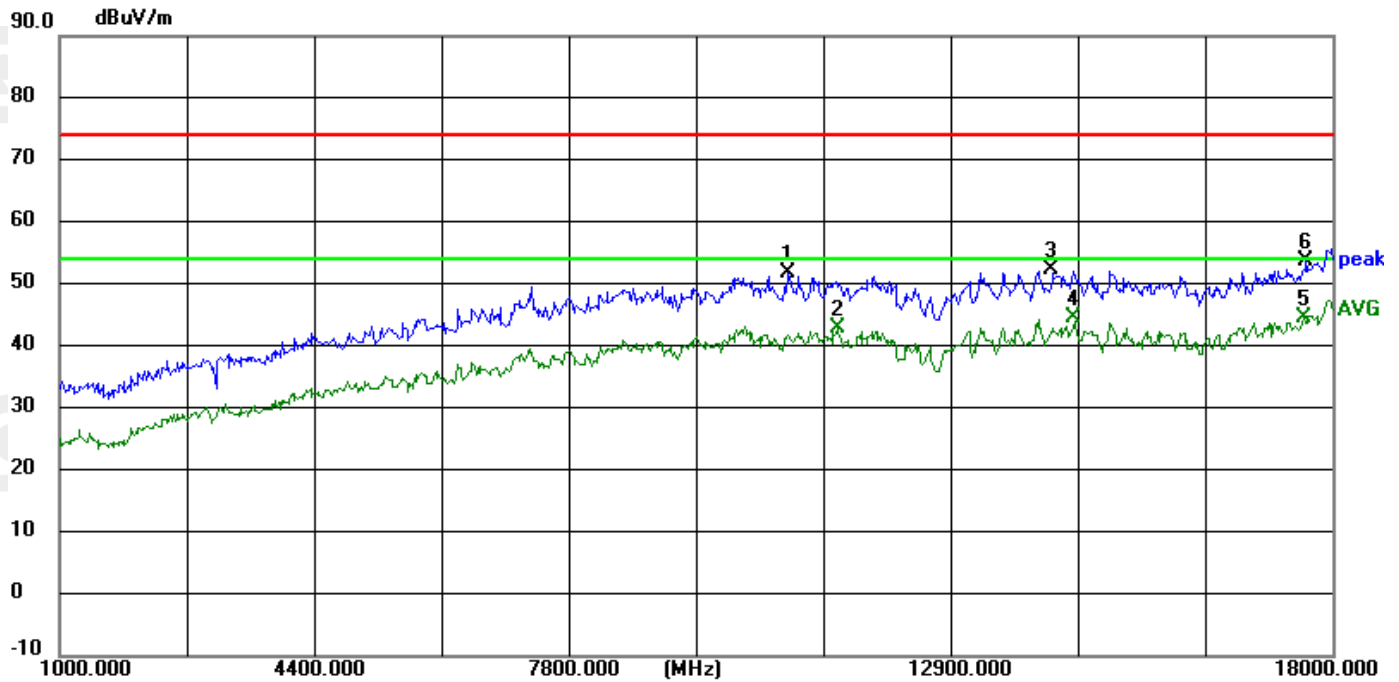
Highest Channel



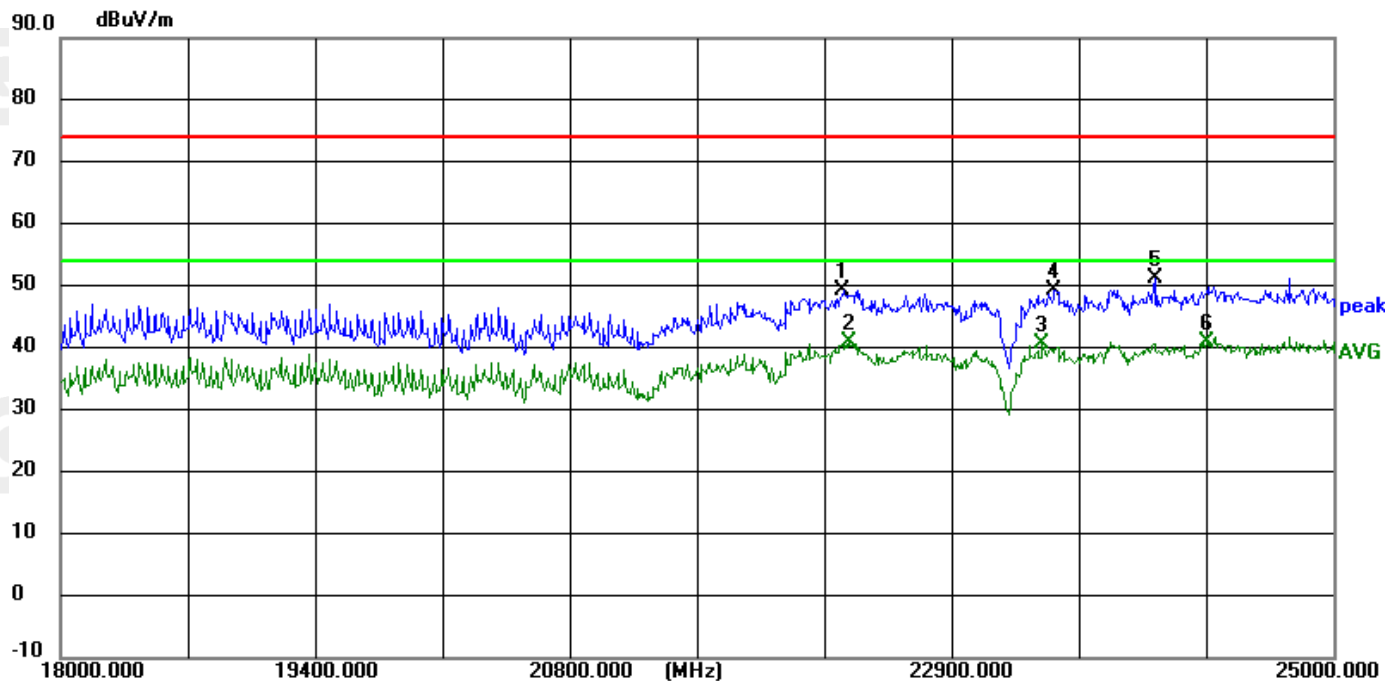
No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	11397.625	54.38	-1.51	52.87	74.00	-21.13	peak	Horizontal
2	11397.625	44.69	-1.51	43.18	54.00	-10.82	AVG	Horizontal
3	14555.375	52.03	0.85	52.88	74.00	-21.12	peak	Horizontal
4 *	14555.375	43.70	0.85	44.55	54.00	-9.45	AVG	Horizontal
5	16831.250	51.54	1.31	52.85	74.00	-21.15	peak	Horizontal
6	16943.875	41.72	1.55	43.27	54.00	-10.73	AVG	Horizontal



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	22292.750	52.44	-3.14	49.30	74.00	-24.70	peak	Horizontal
2 *	22336.500	44.86	-3.15	41.71	54.00	-12.29	AVG	Horizontal
3	23368.125	42.92	-2.43	40.49	54.00	-13.51	AVG	Horizontal
4	23461.750	51.40	-2.20	49.20	74.00	-24.80	peak	Horizontal
5	24328.000	42.68	-1.29	41.39	54.00	-12.61	AVG	Horizontal
6	24397.125	51.63	-1.22	50.41	74.00	-23.59	peak	Horizontal



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	10728.250	53.47	-1.58	51.89	74.00	-22.11	peak	Vertical
2	11391.250	44.35	-1.51	42.84	54.00	-11.16	AVG	Vertical
3	14255.750	51.46	0.87	52.33	74.00	-21.67	peak	Vertical
4	14563.875	43.71	0.83	44.54	54.00	-9.46	AVG	Vertical
5 *	17611.125	40.91	3.70	44.61	54.00	-9.39	AVG	Vertical
6	17647.250	49.72	3.97	53.69	74.00	-20.31	peak	Vertical



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	22304.125	52.56	-3.13	49.43	74.00	-24.57	peak	Vertical
2	22338.250	44.16	-3.16	41.00	54.00	-13.00	AVG	Vertical
3	23402.250	43.05	-2.34	40.71	54.00	-13.29	AVG	Vertical
4	23472.250	51.43	-2.19	49.24	74.00	-24.76	peak	Vertical
5	24013.875	52.83	-1.68	51.15	74.00	-22.85	peak	Vertical
6 *	24305.250	42.40	-1.31	41.09	54.00	-12.91	AVG	Vertical

Remark: margin=measurement-limit

6. Test setup photo

Refer to appendix for details

7. Photo of the EUT

Refer to appendix for details

*****End of report*****