

RF TEST REPORT

FCC ID: 2BX8P-T5PRO

Product Name: Rugged Tablet
Brand Name: RUGTAKE
Model Name: T5 Pro
Report No.: N26073003405E

Prepared for

Shenzhen Wanfeng Kerui Technology Co., Ltd
Room 521, 5th Floor, Liangji Building, Donghuan 1st Road, Fukang Community, Longhua Street, Longhua District, Shenzhen

Prepared by

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1 Revision History

Revision History			
Report No.	Version	Description	Issued Date
N26073003405E	Rev.01	Initial issue of report	25, Aug. 2026

2 Test Summary

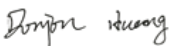
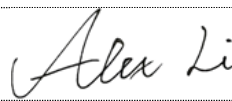
FCC Rule	Test Item	Method	Tested By	Result
47 CFR 15.203	Antenna requirement	---	Yuqiang Xiao	Pass
47 CFR 15.207(a)	Conducted Emission at AC power line	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.2	Runmin Chen	Pass
47 CFR 15.247(a)(2)	6dB Bandwidth	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024, section 11.8 KDB 558074 D01 15.247 Meas Guidance v05r02	Yuqiang Xiao	Pass
47 CFR 15.247(b)(3)	Maximum Conducted Output Power	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024, section 11.9.2 KDB 558074 D01 15.247 Meas Guidance v05r02	Yuqiang Xiao	Pass
47 CFR 15.247(e)	Power Spectral Density	KDB 558074 D01 15.247 Meas Guidance v05r02	Yuqiang Xiao	Pass
47 CFR 15.247(d)	Emissions in non-restricted frequency bands	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 11.11 KDB 558074 D01 15.247 Meas Guidance v05r02	Yuqiang Xiao	Pass
47 CFR 15.247(d), 15.209, 15.205	Band edge emissions (Radiated)	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.10 KDB 558074 D01 15.247 Meas Guidance v05r02	Harry Huang	Pass
47 CFR 15.247(d), 15.209, 15.205	Emissions in frequency bands (below 30MHz)	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.4 KDB 558074 D01 15.247 Meas Guidance v05r02		Init
47 CFR 15.247(d), 15.209, 15.205	Emissions in frequency bands (30M - 1GHz)	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.5.4 KDB 558074 D01 15.247 Meas Guidance v05r02	Harry Huang	Pass
47 CFR 15.247(d), 15.209, 15.205	Emissions in frequency bands (1G - 18GHz)	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.6 KDB 558074 D01 15.247 Meas Guidance v05r02	Harry Huang	Pass
47 CFR 15.247(d), 15.209, 15.205	Emissions in frequency bands (above 18GHz)	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.6 KDB 558074 D01 15.247 Meas Guidance v05r02	Harry Huang	Pass

Remark:

- "N/A" denotes test is not applicable in this Test Report.
- All test items were verified and recorded according to the standards and without any deviation during the test.

3 Test Result Certification

CLIENT INFORMATION	
Applicant:	Shenzhen Wanfeng Kerui Technology Co., Ltd
Address of Applicant:	Room 521, 5th Floor, Liangji Building, Donghuan 1st Road, Fukang Community, Longhua Street, Longhua District, Shenzhen
Manufacturer:	Shenzhen Wanfeng Kerui Technology Co., Ltd
Address of Manufacturer:	Room 521, 5th Floor, Liangji Building, Donghuan 1st Road, Fukang Community, Longhua Street, Longhua District, Shenzhen
EUT INFORMATION	
Product Name:	Rugged Tablet
Brand Name:	RUGTAKE
Model Name:	T5 Pro
Sample Received Date:	05, Aug. 2026
Sample Number:	S2607310461-1#
Applicable Standards	47 CFR Part 15.247
Measurement Procedures	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 KDB 558074 D01 15.247 Meas Guidance v05r02
<p>This device described above has been tested by Shenzhen NTEK Testing Technology Co., Ltd., and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.</p> <p>This report shall not be reproduced except in full without the written approval of NTEK. This document may be altered or revised only by NTEK personnel, and revisions shall be recorded in the revision history of the document.</p>	
Date of Test:	10, Aug. 2026 to 21, Aug. 2026
Issue Date:	25, Aug. 2026

Prepared By:		Reviewed by:		Approved By:	
	Donjon Huang (Project Engineer)		Aaron Cheng (Supervisor)		Alex Li (Manager)

4 Facilities and Accreditations

4.1 Facilities

All measurement facilities used to collect the measurement data are located at Building 1/2/11/12, No. 24 Xinfu East Road, Xiangshan Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, China.

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.10 and CISPR Publication 16-1-4.

4.2 Laboratory Accreditations And Listings

Site Description	
CNAS-Lab.	: Registration Code L5516
A2LA-Lab.	: Certificate Number 4298.01
FCC-Accredited	: Test Firms Registration Number: 463705 Designation Number: CN1184
ISED Wireless Device Testing Laboratories	: The ISED Company Number is 9270A CAB identifier:CN0074

4.3 Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where the expanded uncertainty U is obtained by multiplying the standard uncertainty by a coverage factor $k=2$, corresponding to a confidence level of approximately 95%.

Item	Uncertainty
Conductions Emission-Power Port(0.15MHz ~ 30MHz)	3.30dB
FCC_Occupied bandwidth(2G/3G/4G/5G)	0.01
RF Power, conducted	1.34dB
Power Spectral Density, conducted	0.91dB
Spurious emissions, conducted	2.71dB
Radiated Spurious Emissions(1GHz ~ 18GHz)	5.1dB
Radiated Spurious Emissions(30MHz ~ 1GHz)	4.9dB
Radiated Spurious Emissions(18GHz ~ 40GHz)	5.76dB

5 General Description of EUT

5.1 Details of E.U.T.

Product Name	Rugged Tablet
Brand Name	RUGTAKE
Model Name	T5 Pro
Family Model	T1, T1 Pro, T1 Plus, T3, T3 Pro, T3 Plus, T5, T5 Plus, T6, T6 Pro, T6 Plus, T7, T7 Pro, T7 Plus, T8, T8 Pro, T8 Plus, T9, T9 Pro, T9 Plus
Model Difference	Only the model name is different.

Note 1: From the above models, model T5 Pro was selected as representative model for the test and its data was recorded in this report. Note 2: The above information was declared by manufacturer.

5.2 EUT Feature And Specification

Operation Frequency	802.11b/g/n(HT20): 2412MHz to 2462MHz; 802.11n(HT40): 2422MHz to 2452MHz
Modulation	802.11b: DSSS(CCK, DQPSK, DBPSK); 802.11g: OFDM(BPSK, QPSK, 16QAM, 64QAM); 802.11n(HT20 and HT40): OFDM (BPSK, QPSK, 16QAM, 64QAM)
Number of Channels	802.11b/g/n(HT20): 11 Channels; 802.11n(HT40): 7 Channels
Antenna Type	PIFA antenna
Antenna Gain	-0.39dBi
Antenna system	☒ SISO; ☐ MIMO;
Power Supply	☒ DC supply: DC 3.87V ☒ Adapter supply: N/A
Battery	DC 3.87V 20080mAh 77.71Wh
Adapter	Model: QZ-D031A2-33 Input: 100-240V~50/60Hz 1.2A Output(PD): 5.0V---3.0A 15.0W or 9.0V---3.0A 27.0W or 12.0V---2.5A 30.0W or 15.0V---2.0A 30.0W or 20.0V---1.5A 30.0W Max. (PPS) 5.0V-11.0V---3.0A 33.0W Max.
Hardware Version	J37_9621MB_D4FU_V1.0
Firmware Version	N/A
Software Version	RUGTAKE_T5 Pro_A16_V01_20260702
Frequency and Channel list:	
Channel	Frequency(MHz)
1	2412
2	2417
...	...
5	2432
6	2437
...	...
10	2457
11	2462

Note:

1. $F=2412\text{MHz}+(k-1)\times 5\text{MHz}$ ($k=1,2,\dots,11$)

2: The above information is declared by the manufacturer, NTEK is not responsible for the accuracy of the above parameters.

3: The antenna gain provided by the customer is used to calculate the EIRP results.

5.3 Deviation from Standards

None

5.4 Abnormalities from Standard Condition

None

6 Description of Test Modes and Operation Configuration of EUT

6.1 Description of Test Modes

- The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.
- AC power line Conducted Emission was tested under maximum output power.
- The measurements are performed at the highest, middle, lowest available channels.
- The measurements are performed at all Bit Rate of Transmitter, the worst data was reported

The following summary table is showing all test modes to demonstrate in compliance with the standard

No	Title	Description
TM1	802.11b mode	Keep the EUT in 802.11b transmitting mode at lowest, middle and highest channel.
TM2	802.11g mode	Keep the EUT in 802.11g transmitting mode at lowest, middle and highest channel.
TM3	802.11n(HT20) mode	Keep the EUT in 802.11n(HT20) transmitting mode at lowest, middle and highest channel.
TM4	802.11n(HT40) mode	Keep the EUT in 802.11n(HT40) transmitting mode at lowest, middle and highest channel.

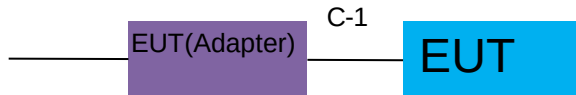
6.2 Operation Configuration of EUT

	Normal Test Conditions	Extreme Test Conditions
Temperature	25 °C	LTNV:0 °C HTNV:50 °C
Relative Humidity	20% - 75%	N/A
Supply Voltage	3.87VDC	N/A
Note: The HT 50°C and LT 0°C was declared by manufacturer, The EUT couldn't be operate normally with higher or lower temperature.		

7 Setup Of Equipment Under Test

7.1 Block Diagram Configuration Of Test System

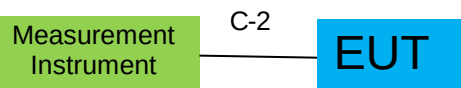
For AC Conducted Emission Mode



For Radiated Test Cases

EUT

For Conducted Test Cases



Note: The temporary antenna connector is soldered on the PCB board in order to perform conducted tests and this temporary antenna connector is listed in the equipment list.

7.2 Support Equipment

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Cable Type	Shielded Type	Ferrite Core	Length (cm)
C-1	Power Cable	YES	NO	1.0m
C-2	RF Cable	YES	NO	0.1m

8 Equipment List

Conducted Emission at AC power line					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Semi Anechoic Chamber	Taihe Mao Rui Electronic	854	N/A	2025-01-03	2028-01-02
Single Phase LISN	R&S	ENV216	102827	2026-04-08	2027-04-07
Single Phase LISN	R&S	ENV216	102849	2026-04-08	2027-04-07
Single Phase LISN	R&S	ENV216	101490	2026-04-08	2027-04-07
Single Phase LISN	R&S	ENV216	101313	2026-04-08	2027-04-07
Three-Phase LISN	SCHWARZBECK	NNLK 8129	8129245	2026-04-08	2027-04-07
EMI Test Receiver	R&S	ESCI	101160	2026-04-08	2027-04-07
EMI Test Receiver	R&S	ESPI3	1164.6407K03Ser.101417	2026-06-29	2027-06-28
EZ-EMC_CE-Software	Farad		AIT-03A	/	/

6dB Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in non-restricted frequency bands					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Power meter	MWRFTest	MW100-PSB	N/A	2025-09-16	2026-09-15
Power meter	MWRFTest	MW100-PSB	N/A	2025-09-16	2026-09-15
Power meter	MWRFTest	MW100-PSB	N/A	2025-09-16	2026-09-15
Power meter	MWRFTest	MW100-PSB	N/A	2025-09-16	2026-09-15
Spread spectrum device	MWRFTest	MW100-7UD	N/A	2025-09-16	2026-09-15
Spectrum Analyzer	R&S	FSV40	101417	2026-04-08	2027-04-07
MXG Vector Signal Generator	Agilent	N5182A	MY47070317	2026-04-08	2027-04-07
USB RF Power Sensor	DARE	RPR3006W	15I00041SNO84	2026-04-08	2027-04-07
Shielding Room	Taihe Mao Rui Electronic	743	N/A	2025-01-03	2028-01-02

Band edge emissions (Radiated) Emissions in frequency bands (30M - 1GHz) Emissions in frequency bands (1G - 18GHz) Emissions in frequency bands (above 18GHz)					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Low Noise Amplifier	EMC Solutions	TRLA-180400G 50	25102901	2026-04-08	2027-04-07
Wideband Radio Communication Tester	R&S	CMW500	153336	2026-04-08	2027-04-07
Spectrum Analyzer	Keysight	N9020B	MY60112710	2025-12-25	2026-12-24
Semi Anechoic Chamber	N/A	966	N/A	2024-05-20	2027-05-19
Spectrum Analyzer	Keysight	N9020A	MY53280244	2026-04-15	2027-04-14
Broadband Horn Antenna	SCHWARZBECK	BBHA 9120 D	2816	2024-05-18	2027-05-17
AMPLIFIER	Sonoma	310N	186604	2026-04-08	2027-04-07
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	803	2024-05-12	2027-05-11
Active Loop Antenna	SCHWARZBECK	FMZB 1519 B	055	2024-05-17	2027-05-16
Spectrum Analyzer	R&S	FSV40	101417	2026-04-08	2027-04-07
Low Noise Amplifier	B&Z	BZ-P540-550850-452727	16476-11729	2026-04-16	2027-04-15
Pre-Amplifier	EMC	EMC0518 35SE	980246	2026-04-08	2027-04-07
Universal Radio Communication Tester	R&S	CMU200	117858	2026-04-08	2027-04-07
Universal Radio Communication Tester	R&S	CMU200	105747	2026-04-08	2027-04-07
Broadband Horn Antenna	EM	EM-AH-10180	2011071402	2024-05-12	2027-05-11

Measurement Software

Item	Manufacturer	Software Name	Software Version	Description
1	MWRFTtest	MTS 8310 2.4GHz/5GHz	2.0	RF Conducted Test
2	Farad	EZ-EMC_RE	AIT-03A	RadiatedTest
3	raditeq	RadiMation	2023.1.3	RadiatedTest
4	Farad	EZ-EMC_CE	AIT-03A	AC Conducted Test

9 Evaluation Results (Evaluation)

9.1 Antenna requirement

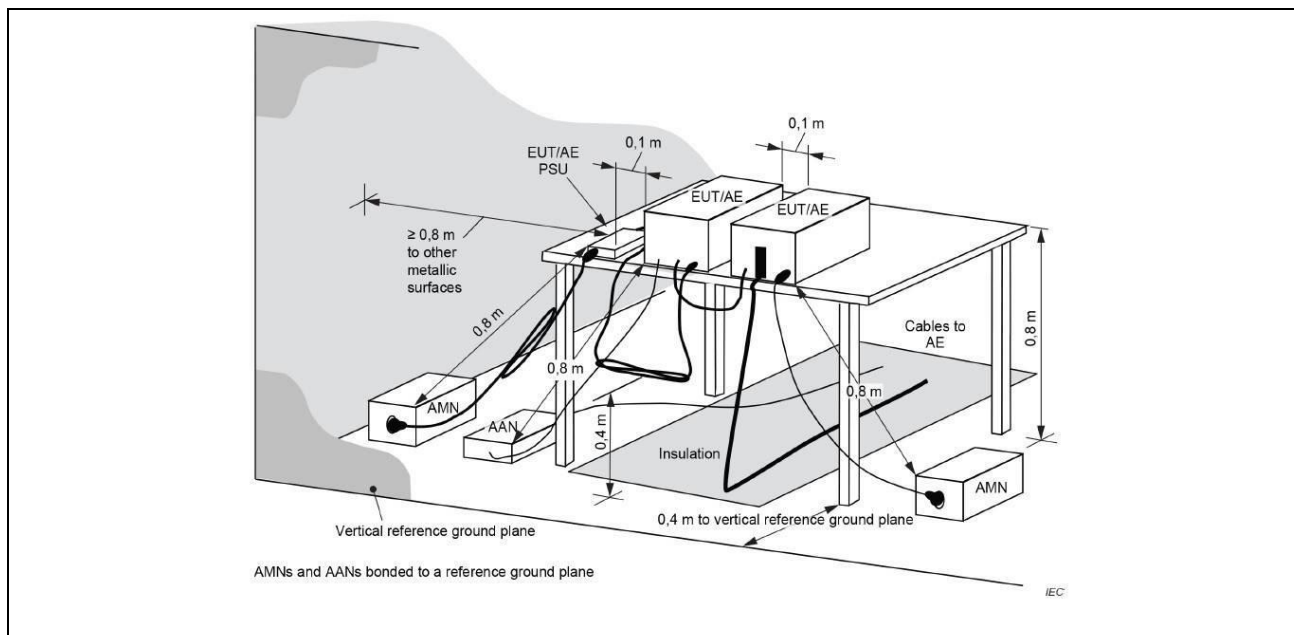
Test Requirement:	Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.
Conclusion	<p>EUT Antenna: The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is -0.39dBi.</p> <p>Antenna location: Refer to internal photos</p>

10 Radio Spectrum Matter Test Results (RF)

10.1 Conducted Emission at AC power line

Test Requirement:	Refer to 47 CFR 15.207(a), Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN).		
Test Limit:	Frequency of emission (MHz)	Conducted limit (dB μ V)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
	*Decreases with the logarithm of the frequency.		
Test Method:	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.2		
Procedure:	Refer to ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.2, standard test method for ac power-line conducted emissions from unlicensed wireless devices Remark: 1. Test the EUT on the lowest, middle, and highest channels. 2. Level= Reading+ Factor, Margin= Level- Limit, Factor = Insertion Loss + Cable Loss. 3. All modes' lowest, middle, and highest channels were tested, but only the worst data was recorded in the report.		

10.1.1 Test Setup Diagram:

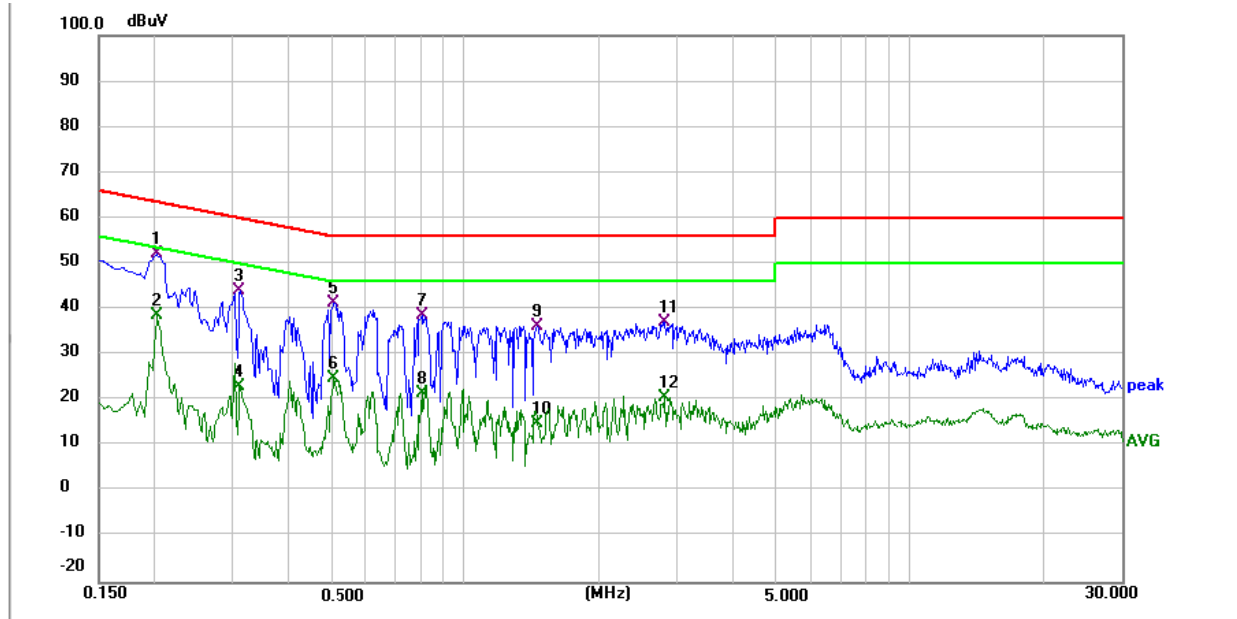


10.1.2 E.U.T. Operation:

Operating Environment:					
Temperature:	22.5 °C	Humidity:	52.6 %	Atmospheric Pressure:	1010 mbar
Per-test mode:	TM1				
Final test mode:	TM1(Low channel)				
Test Voltage:	AC 120V/60Hz				

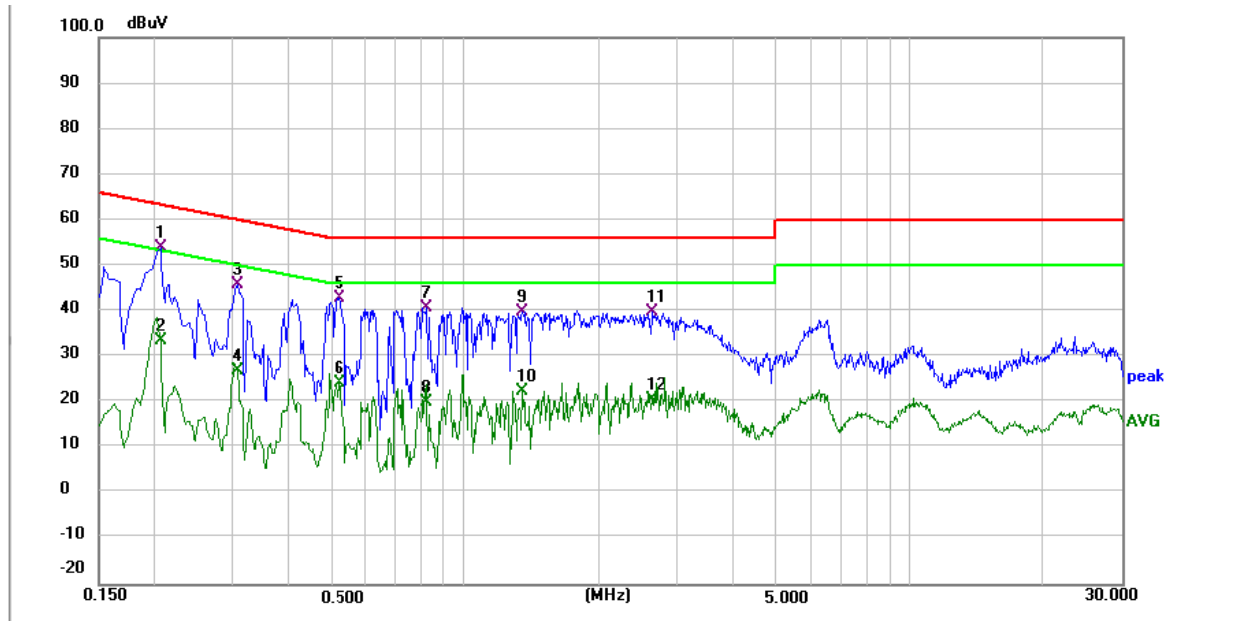
10.1.3 Test Data:

TM1 / Line: Line / Band: 2400-2483.5 MHz / BW: 20 / CH: L



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1 *	0.2020	31.59	20.45	52.04	63.53	-11.49	QP	P	
2	0.2020	18.14	20.45	38.59	53.53	-14.94	AVG	P	
3	0.3100	23.40	20.52	43.92	59.97	-16.05	QP	P	
4	0.3100	2.50	20.52	23.02	49.97	-26.95	AVG	P	
5	0.5060	20.78	20.47	41.25	56.00	-14.75	QP	P	
6	0.5060	4.30	20.47	24.77	46.00	-21.23	AVG	P	
7	0.8020	18.32	20.43	38.75	56.00	-17.25	QP	P	
8	0.8020	0.99	20.43	21.42	46.00	-24.58	AVG	P	
9	1.4580	16.05	20.28	36.33	56.00	-19.67	QP	P	
10	1.4580	-5.39	20.28	14.89	46.00	-31.11	AVG	P	
11	2.8100	16.84	20.28	37.12	56.00	-18.88	QP	P	
12	2.8100	0.41	20.28	20.69	46.00	-25.31	AVG	P	

TM1 / Line: Neutral / Band: 2400-2483.5 MHz / BW: 20 / CH: L

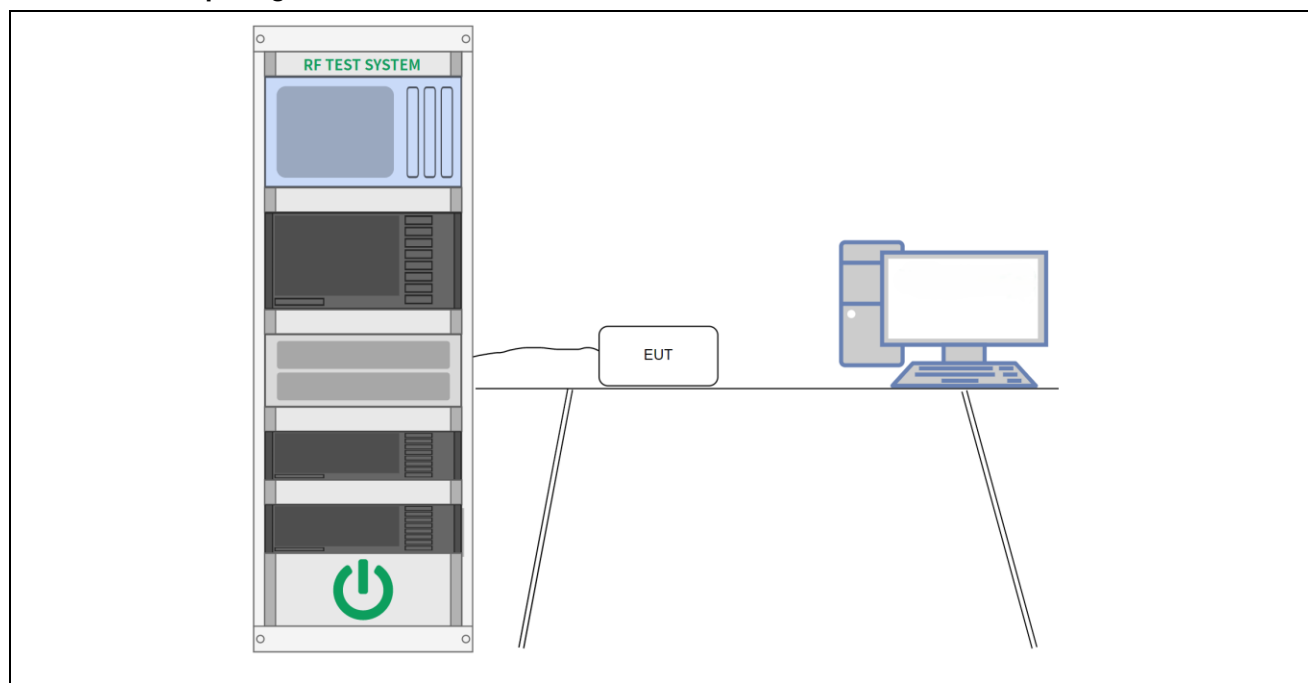


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1 *	0.2060	33.48	20.40	53.88	63.37	-9.49	QP	P	
2	0.2060	13.16	20.40	33.56	53.37	-19.81	AVG	P	
3	0.3060	25.42	20.55	45.97	60.08	-14.11	QP	P	
4	0.3060	6.42	20.55	26.97	50.08	-23.11	AVG	P	
5	0.5220	22.41	20.41	42.82	56.00	-13.18	QP	P	
6	0.5220	3.90	20.41	24.31	46.00	-21.69	AVG	P	
7	0.8220	20.43	20.44	40.87	56.00	-15.13	QP	P	
8	0.8220	-0.25	20.44	20.19	46.00	-25.81	AVG	P	
9	1.3460	19.63	20.25	39.88	56.00	-16.12	QP	P	
10	1.3460	2.18	20.25	22.43	46.00	-23.57	AVG	P	
11	2.6420	19.54	20.21	39.75	56.00	-16.25	QP	P	
12	2.6420	0.45	20.21	20.66	46.00	-25.34	AVG	P	

10.2 6dB Bandwidth

Test Requirement:	47 CFR 15.247(a)(2)
Test Limit:	Refer to 47 CFR 15.247(a)(2), Systems using digital modulation techniques may operate in the 902-928 MHz, and 2400-2483.5 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.
Test Method:	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024, section 11.8 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	<p>11.8.1 Option 1</p> <p>The steps for the first option are as follows:</p> <ol style="list-style-type: none"> 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. <p>11.8.2 Option 2</p> <p>The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described in 11.8.1 (i.e., RBW = 100 kHz, VBW $\geq 3 \times \text{RBW}$, and peak detector with maximum hold) is implemented by the instrumentation function. When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be ≥ 6 dB.</p>

10.2.1 Test Setup Diagram:



10.2.2 E.U.T. Operation:

Operating Environment:					
Temperature:	26.7 °C	Humidity:	42.5 %	Atmospheric Pressure:	1010 mbar
Per-test mode:	TM1, TM2, TM3, TM4				
Final test mode:	TM1, TM2, TM3, TM4				

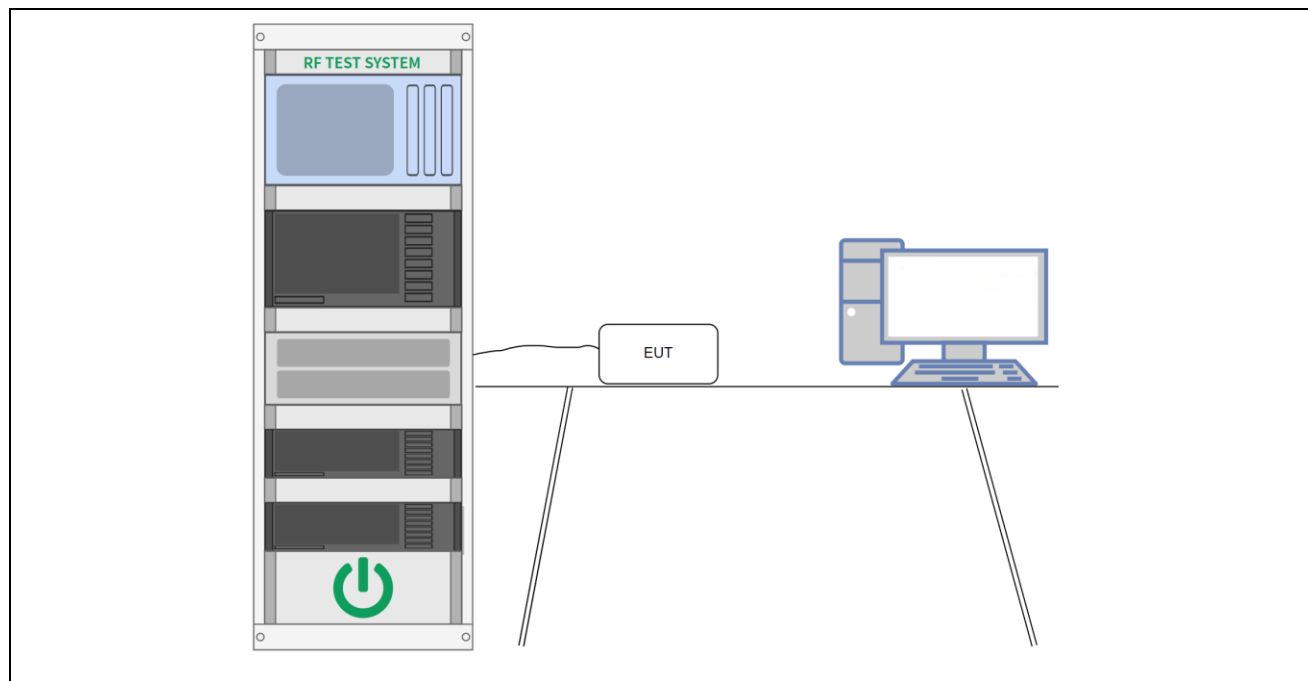
10.2.3 Test Data:

Please Refer to Appendix for Details.

10.3 Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(3)
Test Limit:	Refer to 47 CFR 15.247(b)(3), For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.
Test Method:	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024, section 11.9.2 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024, section 11.9.2 Maximum conducted (average) output power

10.3.1 Test Setup Diagram:



10.3.2 E.U.T. Operation:

Operating Environment:					
Temperature:	26.7 °C	Humidity:	42.5 %	Atmospheric Pressure:	1010 mbar
Per-test mode:	TM1, TM2, TM3, TM4				
Final test mode:	TM1, TM2, TM3, TM4				

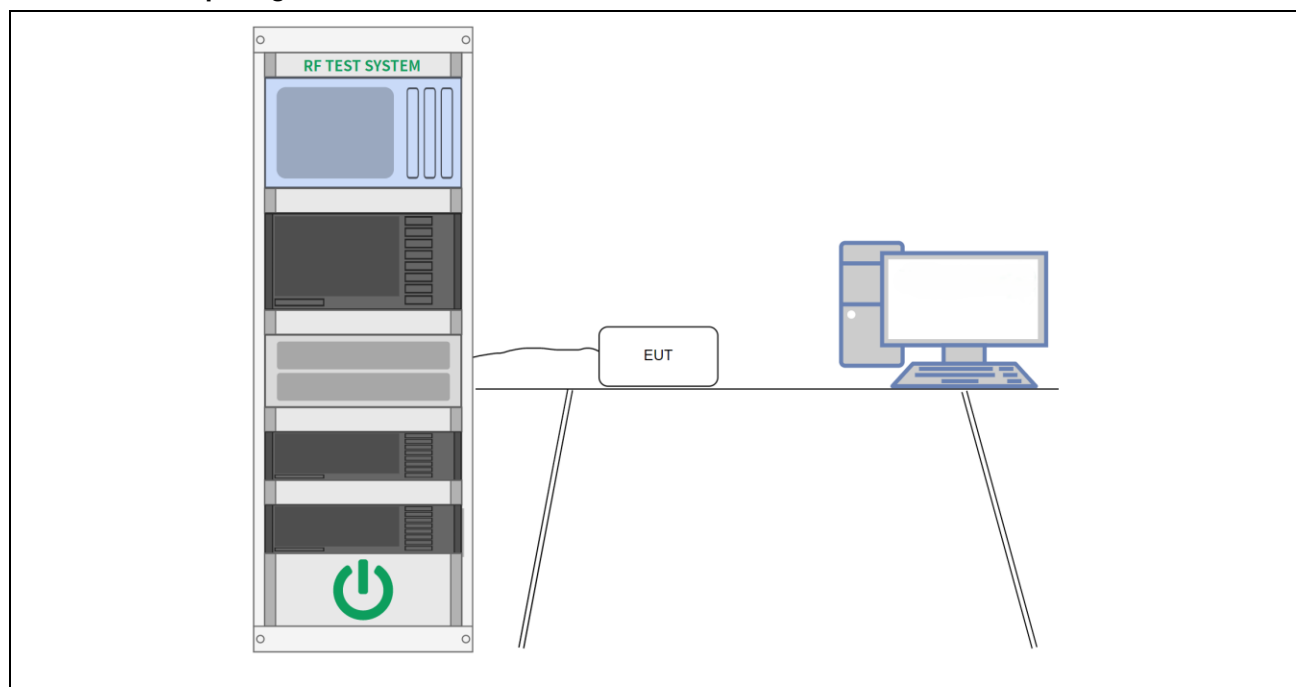
10.3.3 Test Data:

Please Refer to Appendix for Details.

10.4 Power Spectral Density

Test Requirement:	47 CFR 15.247(e)
Test Limit:	Refer to 47 CFR 15.247(e), For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.
Test Method:	KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024, section 11.10, Maximum power spectral density level in the fundamental emission

10.4.1 Test Setup Diagram:



10.4.2 E.U.T. Operation:

Operating Environment:					
Temperature:	26.7 °C	Humidity:	42.5 %	Atmospheric Pressure:	1010 mbar
Per-test mode:	TM1, TM2, TM3, TM4				
Final test mode:	TM1, TM2, TM3, TM4				

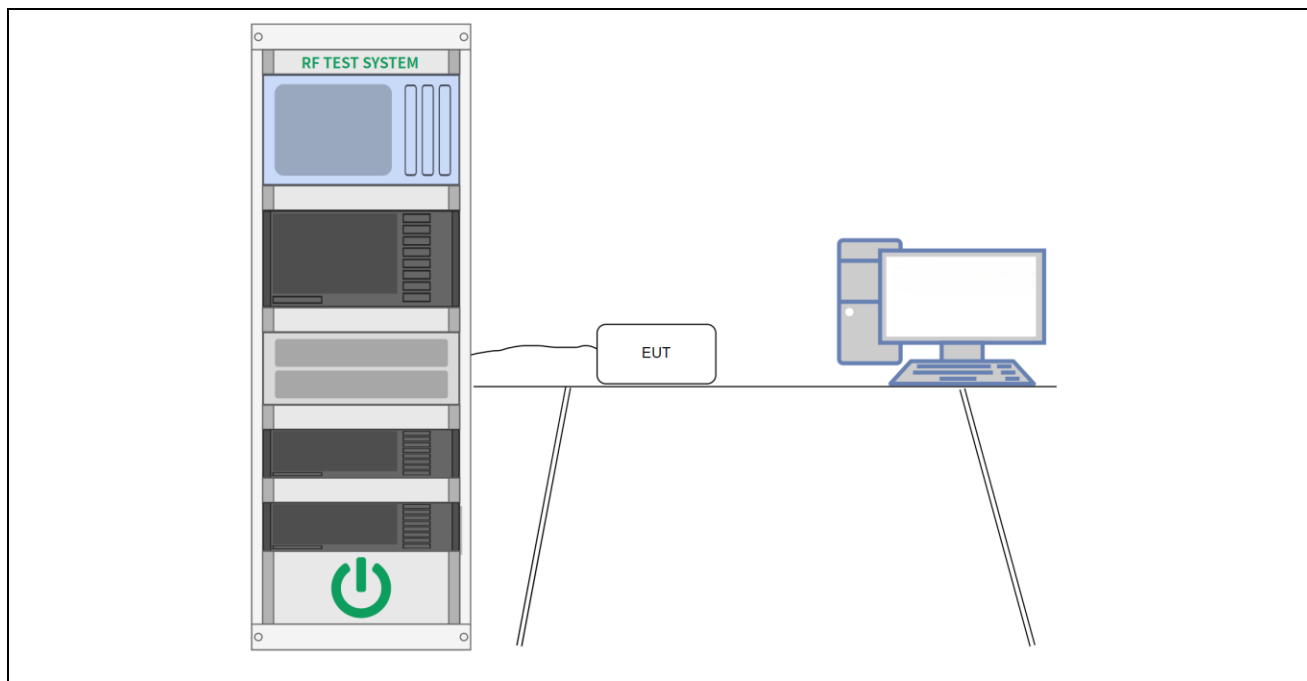
10.4.3 Test Data:

Please Refer to Appendix for Details.

10.5 Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d)
Test Limit:	Refer to 47 CFR 15.247(d), In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required.
Test Method:	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 11.11 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 Section 11.11.1, Section 11.11.2, Section 11.11.3

10.5.1 Test Setup Diagram:



10.5.2 E.U.T. Operation:

Operating Environment:					
Temperature:	26.7 °C	Humidity:	42.5 %	Atmospheric Pressure:	1010 mbar
Per-test mode:	TM1, TM2, TM3, TM4				
Final test mode:	TM1, TM2, TM3, TM4				

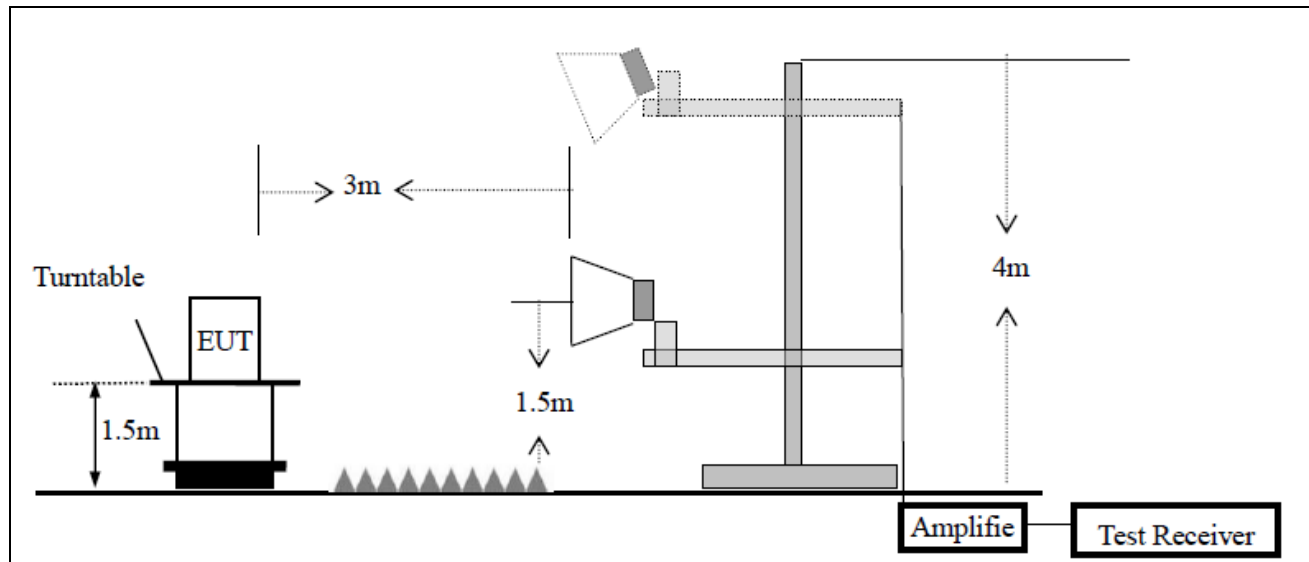
10.5.3 Test Data:

Please Refer to Appendix for Details.

10.6 Band edge emissions (Radiated)

Test Requirement:	Refer to 47 CFR 15.247(d), In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).		
Test Limit:	According to FCC Part 15.247(d): radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).		
	According to FCC Part15.205, Restricted bands		
	MHz	MHz	MHz
	0.090-0.110	16.42-16.423	399.9-410
	0.495-0.505	16.69475-16.69525	608-614
	2.1735-2.1905	16.80425-16.80475	960-1240
	4.125-4.128	25.5-25.67	1300-1427
	4.17725-4.17775	37.5-38.25	1435-1626.5
	4.20725-4.20775	73-74.6	1645.5-1646.5
	6.215-6.218	74.8-75.2	1660-1710
	6.26775-6.26825	123-138	2200-2300
	8.291-8.294	149.9-150.05	2310-2390
	8.362-8.366	156.52475-156.52525	2483.5-2500
	8.37625-8.38675	156.7-156.9	2690-2900
	8.41425-8.41475	162.0125-167.17	3260-3267
	12.29-12.293	167.72-173.2	3332-3339
	12.51975-12.52025	240-285	3345.8-3358
	12.57675-12.57725	322-335.4	3600-4400
	13.36-13.41		
	Limits of Radiated Emission Measurement(Above 1000MHz)		
	Frequency(MHz)	Class B (dBuV/m) (at 3M)	
		PEAK	AVERAGE
	Above 1000	74	54
Test Method:	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.10 KDB 558074 D01 15.247 Meas Guidance v05r02		
Procedure:	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.10.5.2 Remark: 1. Measurement at a distance of 3 meters. 2. Test the EUT on the lowest and highest channels. 3. Level= Reading+ Factor, Margin= Level- Limit. 4. All modes' lowest and highest channels were tested, but only the worst data was recorded in the report.		

10.6.1 Test Setup Diagram

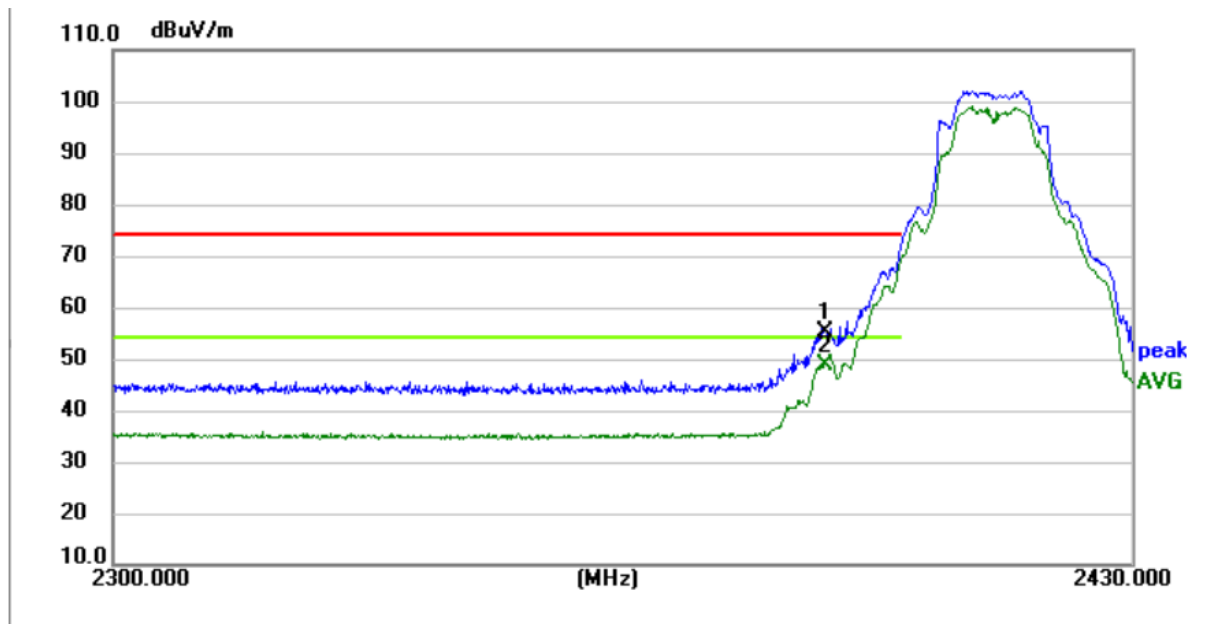


10.6.2 E.U.T. Operation:

Operating Environment:					
Temperature:	26.1 °C	Humidity:	47.2 %	Atmospheric Pressure:	1010 mbar
Per-test mode:	TM1, TM2, TM3, TM4				
Final test mode:	TM1, TM2, TM3, TM4				
Test Voltage:	DC 3.87V				

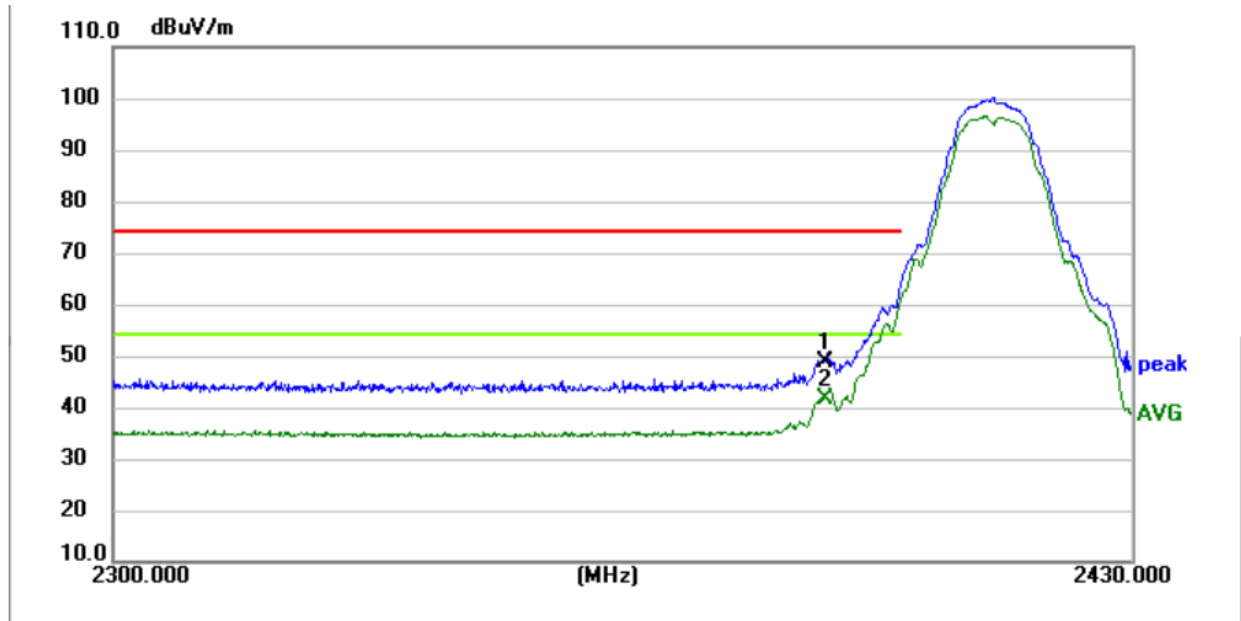
10.6.3 Test Data:

TM1 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: L



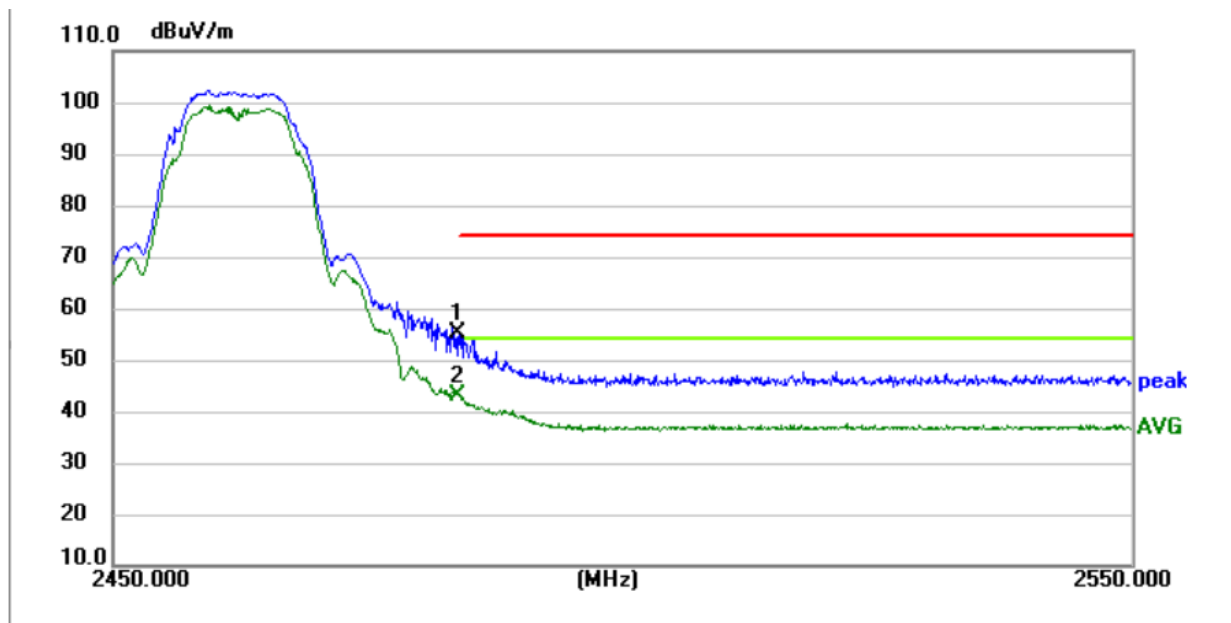
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2390.000	25.18	29.88	55.06	74.00	-18.94	peak	P	
2 *	2390.000	18.86	29.88	48.74	54.00	-5.26	AVG	P	

TM1 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: L



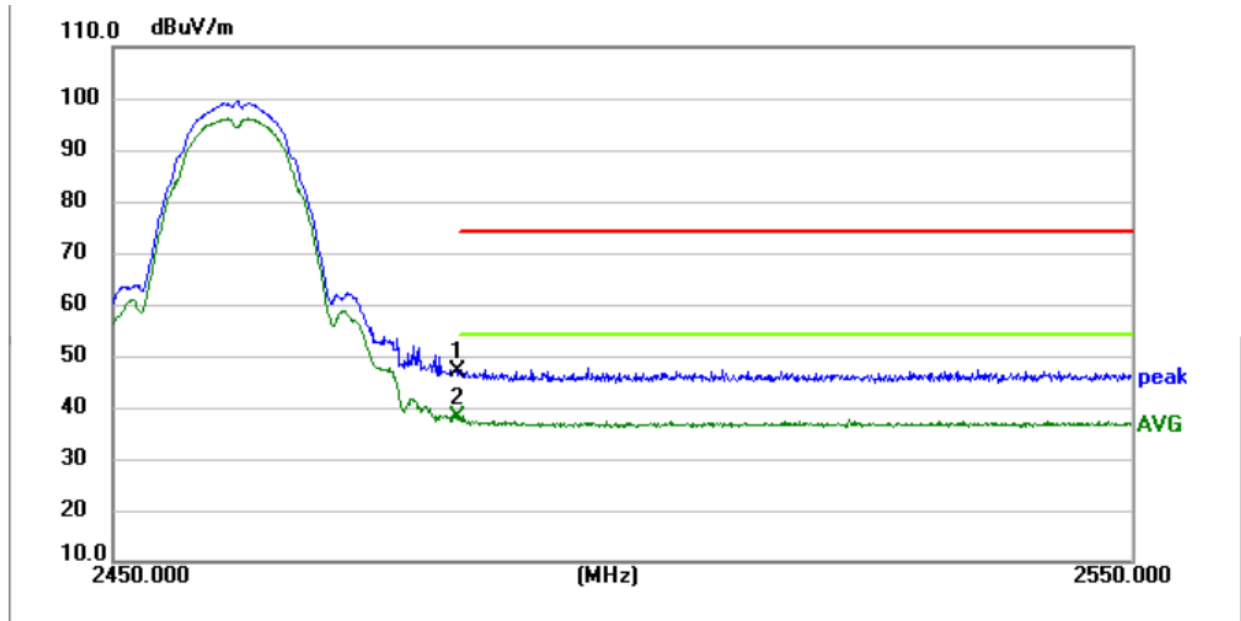
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2390.000	18.98	29.88	48.86	74.00	-25.14	peak	P	
2 *	2390.000	11.77	29.88	41.65	54.00	-12.35	AVG	P	

TM1 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: H



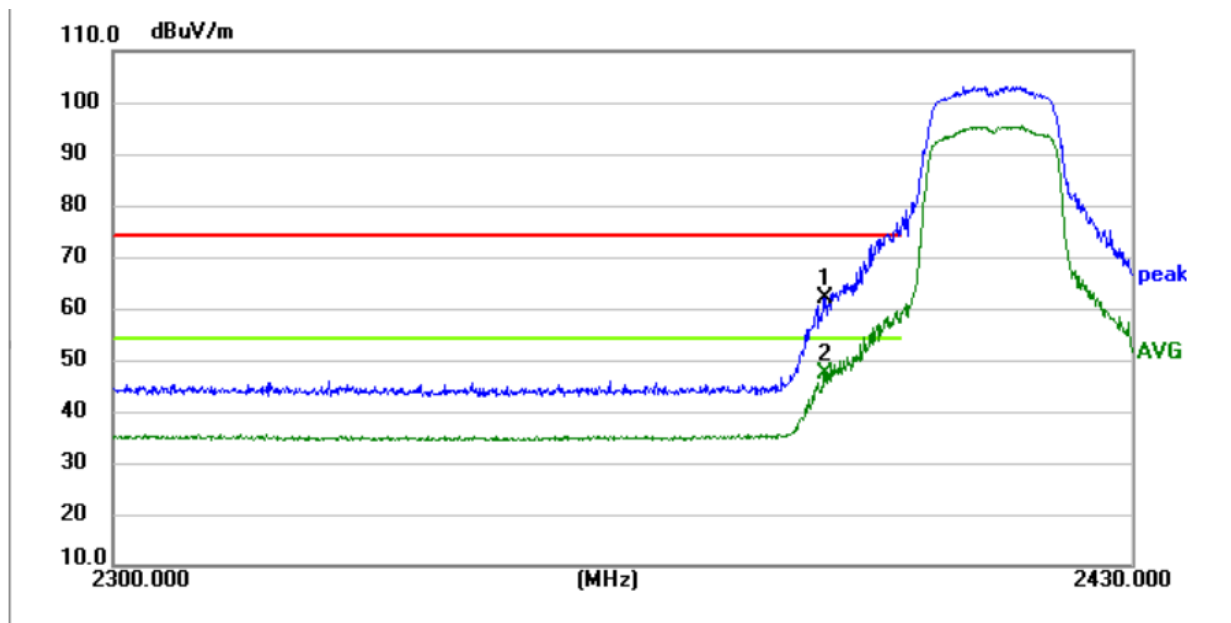
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2483.500	24.58	30.69	55.27	74.00	-18.73	peak	P	
2 *	2483.500	12.51	30.69	43.20	54.00	-10.80	AVG	P	

TM1 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: H



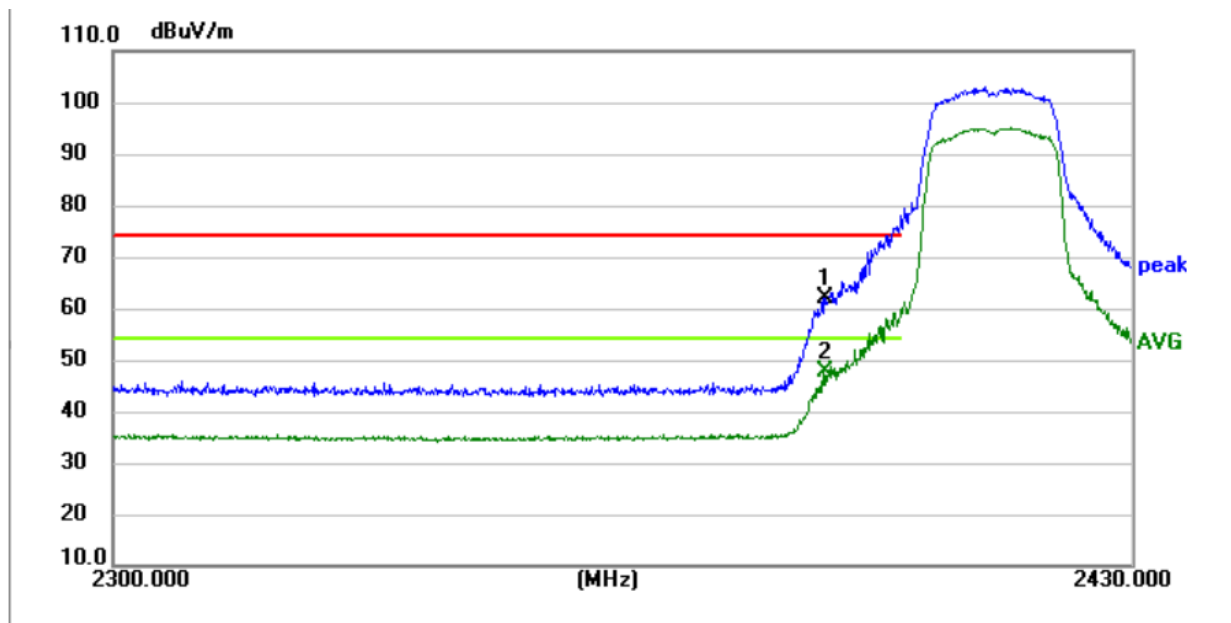
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2483.500	16.29	30.69	46.98	74.00	-27.02	peak	P	
2 *	2483.500	7.28	30.69	37.97	54.00	-16.03	AVG	P	

TM2 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: L



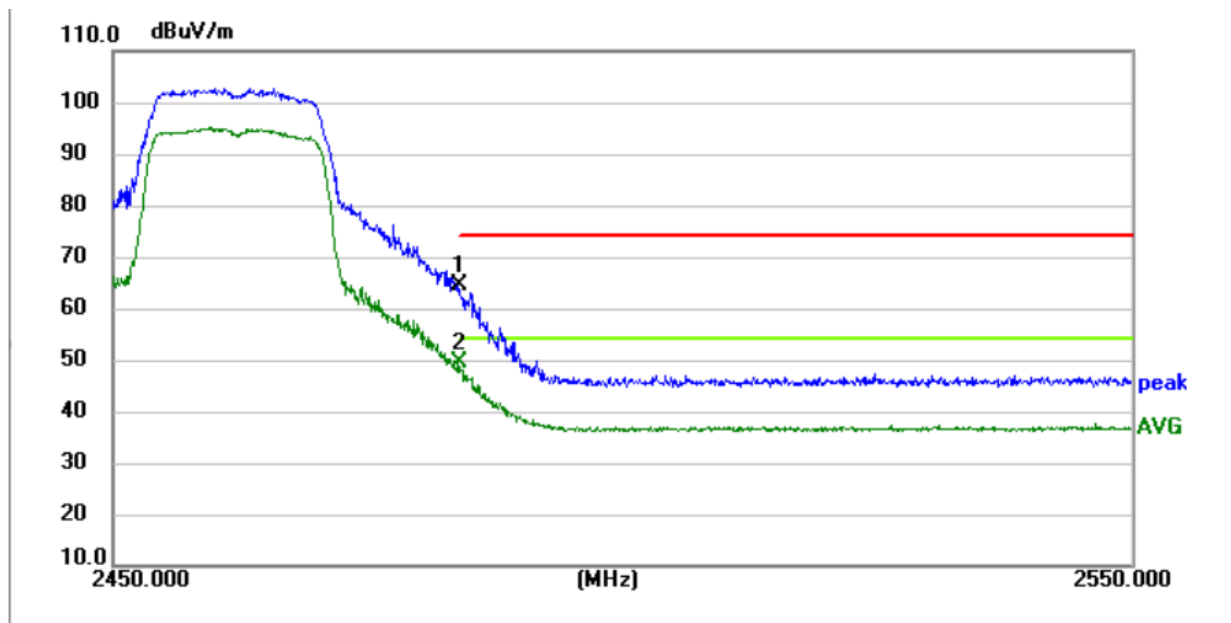
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2390.000	31.91	29.88	61.79	74.00	-12.21	peak	P	
2 *	2390.000	17.62	29.88	47.50	54.00	-6.50	AVG	P	

TM2 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: L



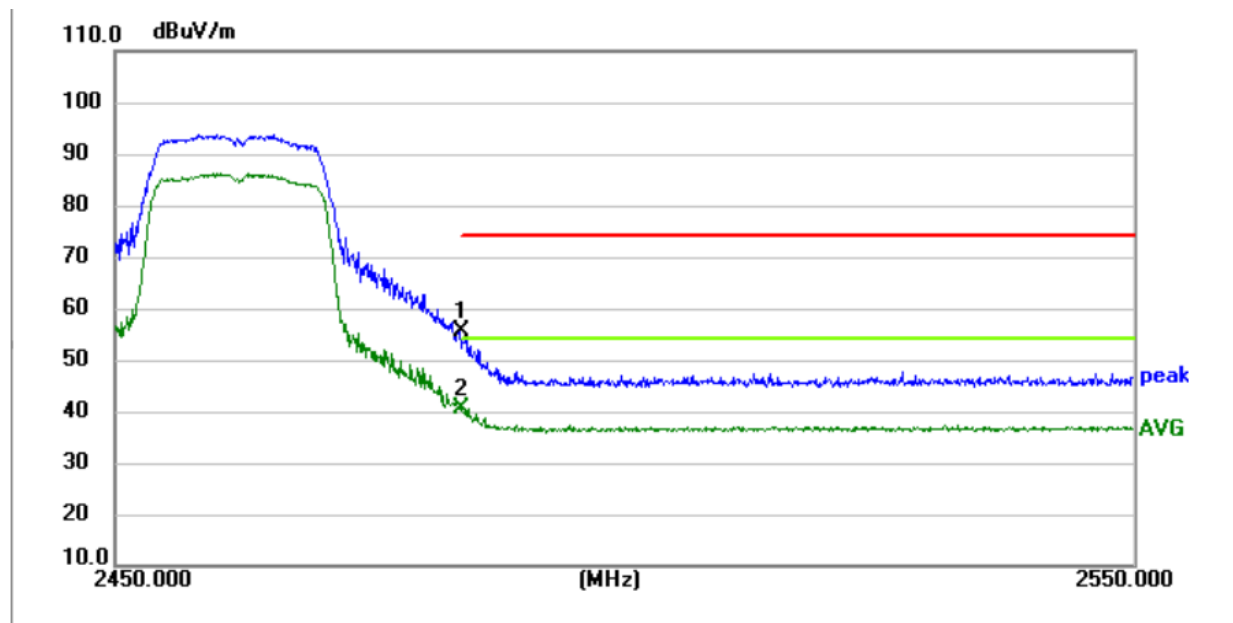
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2390.000	31.98	29.88	61.86	74.00	-12.14	peak	P	
2 *	2390.000	17.72	29.88	47.60	54.00	-6.40	AVG	P	

TM2 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: H



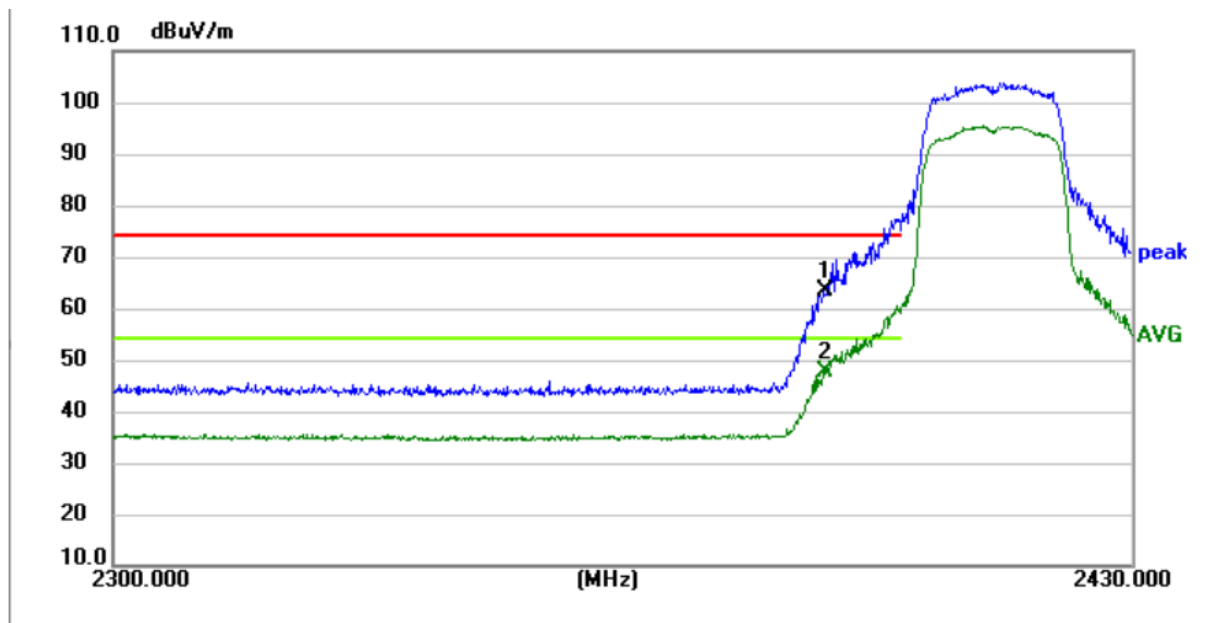
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2483.500	33.61	30.69	64.30	74.00	-9.70	peak	P	
2 *	2483.500	18.73	30.69	49.42	54.00	-4.58	AVG	P	

TM2 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: H



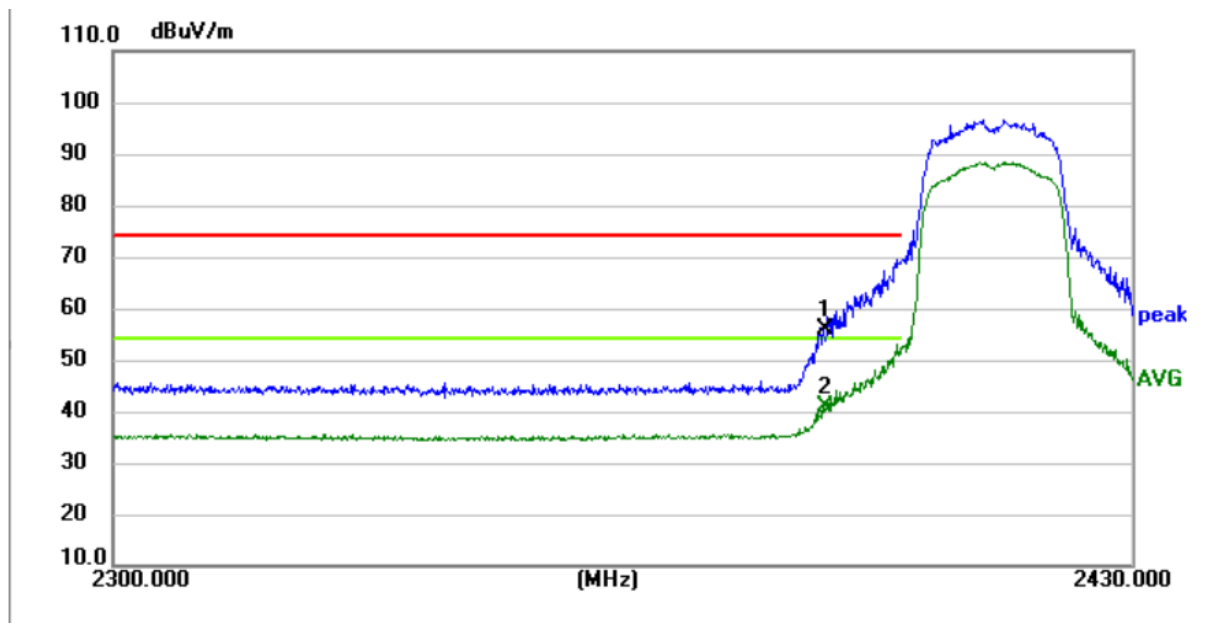
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2483.500	24.68	30.69	55.37	74.00	-18.63	peak	P	
2 *	2483.500	9.89	30.69	40.58	54.00	-13.42	AVG	P	

TM3 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: L



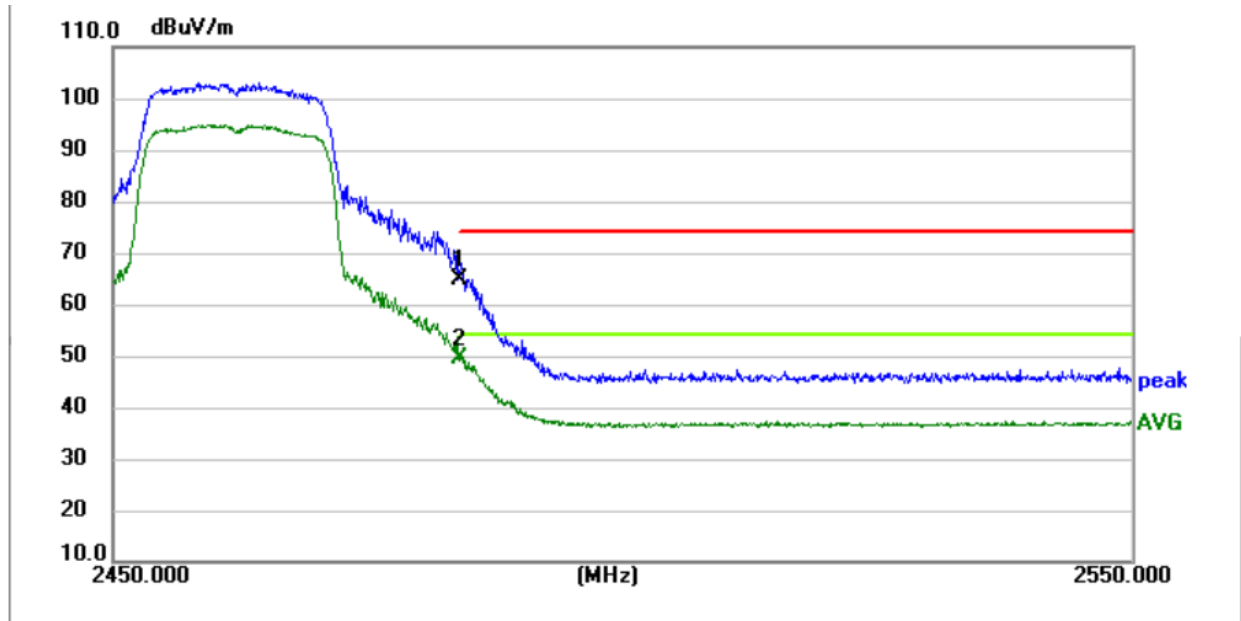
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2390.000	33.67	29.88	63.55	74.00	-10.45	peak	P	
2 *	2390.000	17.93	29.88	47.81	54.00	-6.19	AVG	P	

TM3 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: L



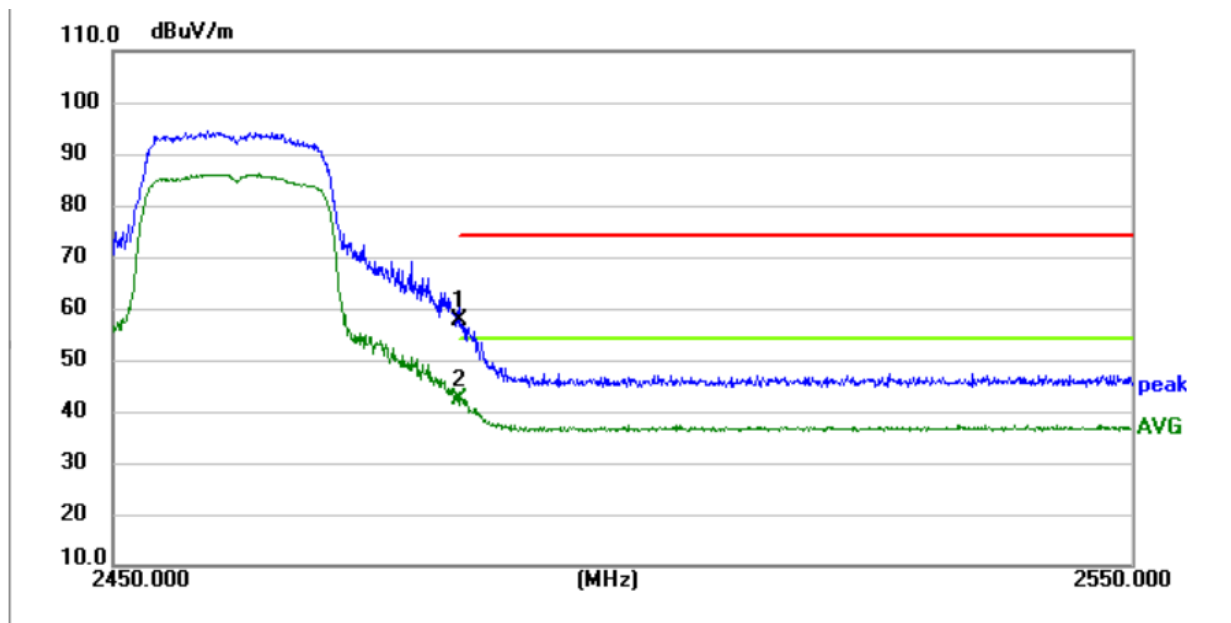
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2390.000	26.02	29.88	55.90	74.00	-18.10	peak	P	
2 *	2390.000	11.12	29.88	41.00	54.00	-13.00	AVG	P	

TM3 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: H



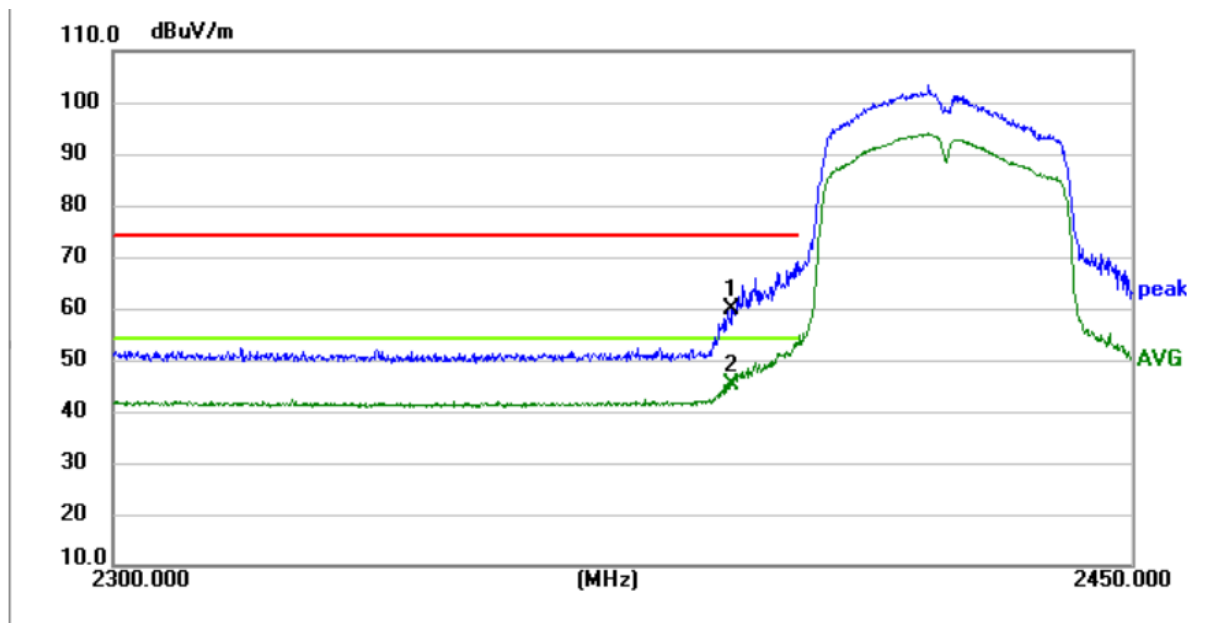
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2483.500	33.99	30.69	64.68	74.00	-9.32	peak	P	
2 *	2483.500	18.68	30.69	49.37	54.00	-4.63	AVG	P	

TM3 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: H



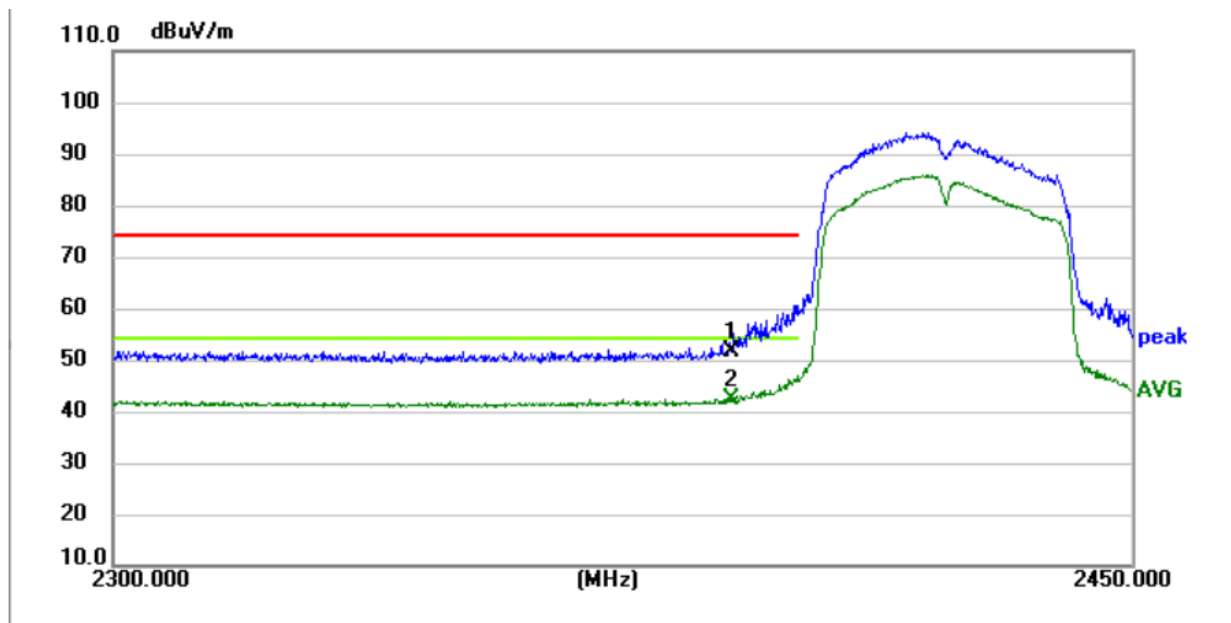
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2483.500	27.14	30.69	57.83	74.00	-16.17	peak	P	
2 *	2483.500	11.57	30.69	42.26	54.00	-11.74	AVG	P	

TM4 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 40 / CH: L



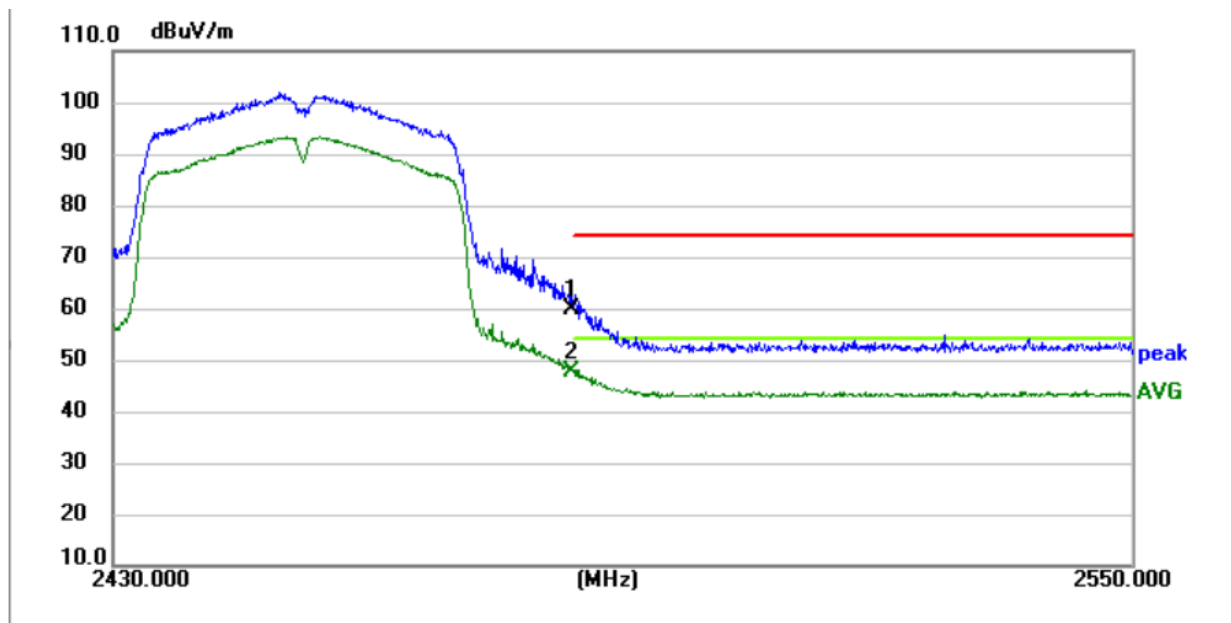
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2390.000	30.08	29.88	59.96	74.00	-14.04	peak	P	
2 *	2390.000	15.30	29.88	45.18	54.00	-8.82	AVG	P	

TM4 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 40 / CH: L



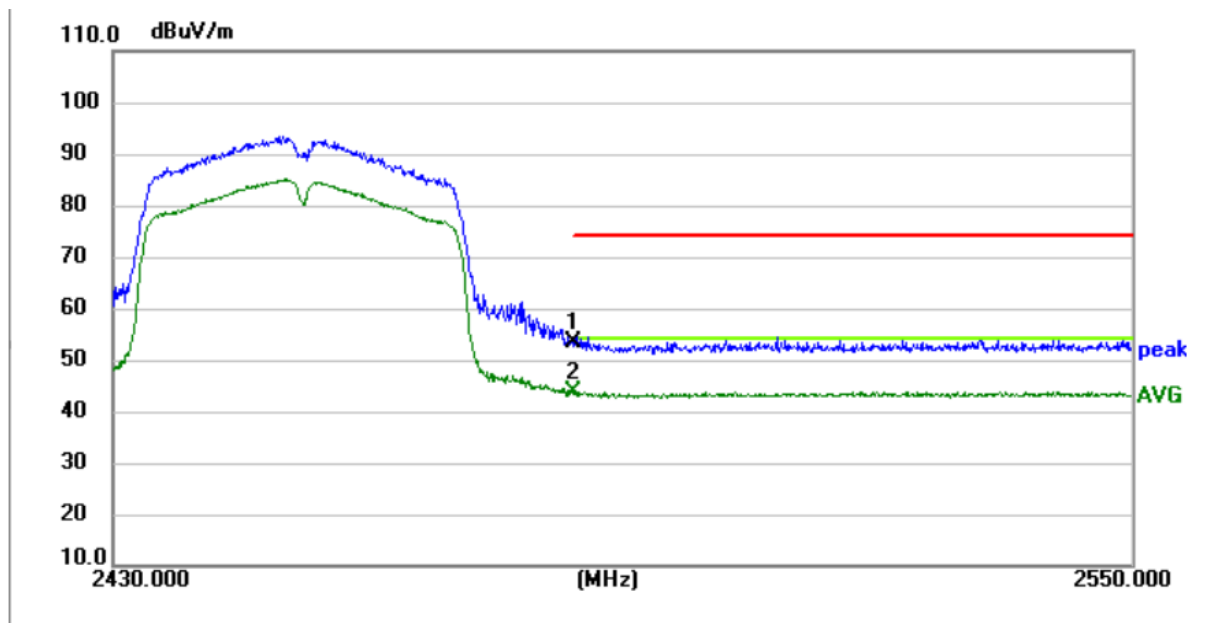
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2390.000	21.62	29.88	51.50	74.00	-22.50	peak	P	
2 *	2390.000	12.31	29.88	42.19	54.00	-11.81	AVG	P	

TM4 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 40 / CH: H



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2483.500	29.06	30.69	59.75	74.00	-14.25	peak	P	
2 *	2483.500	17.09	30.69	47.78	54.00	-6.22	AVG	P	

TM4 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 40 / CH: H

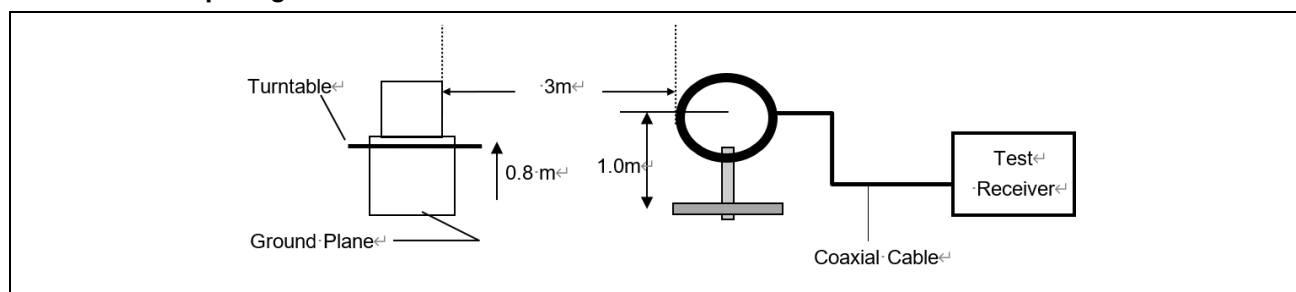


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	2483.500	22.73	30.69	53.42	74.00	-20.58	peak	P	
2 *	2483.500	12.95	30.69	43.64	54.00	-10.36	AVG	P	

10.7 Emissions in frequency bands (below 30MHz)

Test Requirement:	Refer to 47 CFR 15.247(d), In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).		
Test Limit:	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300
	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30	30
	30-88	100 **	3
	88-216	150 **	3
	216-960	200 **	3
	Above 960	500	3
	<p>** 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.</p> <p>In the emission table above, the tighter limit applies at the band edges.</p> <p>The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.</p>		
Test Method:	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.4 KDB 558074 D01 15.247 Meas Guidance v05r02		
Procedure:	<p>ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.4</p> <p>Remark:</p> <ol style="list-style-type: none"> 1. Emission level, For Frequency 9kHz~30MHz: $\text{dBuA/m} = 20 \log(\mu\text{A/m})$ 2. Measurement was performed at an antenna to the closed point of EUT distance of meters. 3. For Frequency 9kHz~30MHz: Distance extrapolation factor $= 40 \log(\text{Specific distance} / \text{test distance}) (\text{dB})$; Limit line = Specific limits(dBuA) + distance extrapolation factor. Limit line = Specific limits(dBuV) + distance extrapolation factor. <ol style="list-style-type: none"> 1. Measurement at a distance of 3 meters. 2. Test the EUT on the lowest, middle, and highest channels. 3. Level = Reading + Factor, Margin = Level - Limit. 4. All modes' lowest, middle, and highest channels were tested, but only the worst data was recorded in the report. 		

10.7.1 Test Setup Diagram:



10.7.2 E.U.T. Operation:

Operating Environment:					
Temperature:	0 °C	Humidity:	0 %	Atmospheric Pressure:	0 mbar
Per-test mode:	TM1, TM2, TM3, TM4				

Final test mode:	TM1, TM2, TM3, TM4
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10.7.3Test Data:

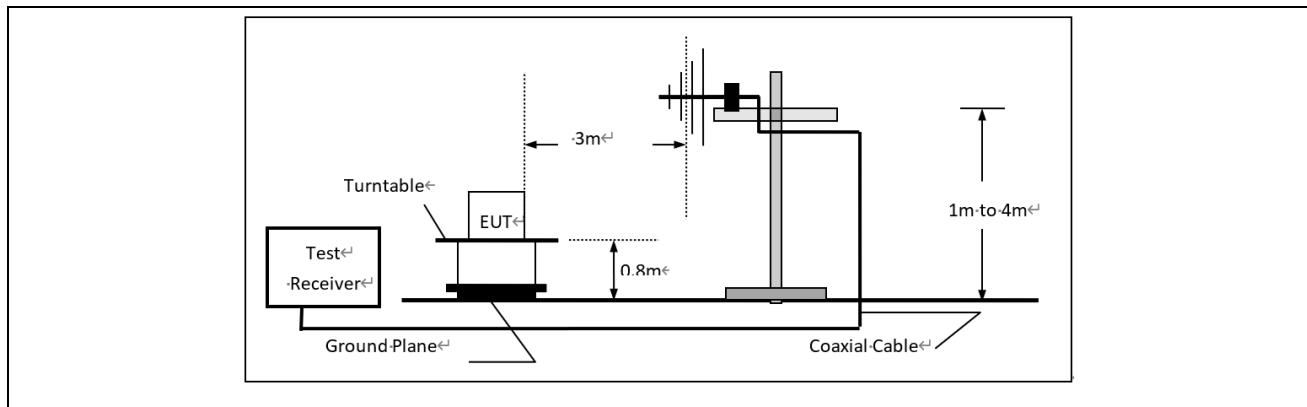
Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
		PK	AV	PK	AV	PK	AV
--	--	--	--	--	--	--	--

Note: the amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

Emissions in frequency bands (30M - 1GHz)

Test Requirement:	Refer to 47 CFR 15.247(d), In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).		
Test Limit:	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300
	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30	30
	30-88	100 **	3
	88-216	150 **	3
	216-960	200 **	3
	Above 960	500	3
<p>** 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.</p> <p>In the emission table above, the tighter limit applies at the band edges.</p> <p>The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.</p>			
Test Method:	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.5.4 KDB 558074 D01 15.247 Meas Guidance v05r02		
Procedure:	<p>ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.5.4</p> <p>Remark:</p> <ol style="list-style-type: none"> 1. Emission level, For Frequency above 30MHz: $\text{dBuV/m} = 20 \log (\mu\text{V/m})$ 2. Measurement was performed at an antenna to the closed point of EUT distance of meters. 3. For Frequency above 30MHz: Distance extrapolation factor $= 20 \log (\text{Specific distance} / \text{test distance}) (\text{dB})$; Limit line = Specific limits (dBuV) + distance extrapolation factor. <p>1. Measurement at a distance of 3 meters. 2. Test the EUT on the lowest, middle, and highest channels. 3. Level = Reading + Factor, Margin = Level - Limit. 4. All modes' lowest, middle, and highest channels were tested, but only the worst data was recorded in the report.</p>		

10.7.4 Test Setup Diagram:



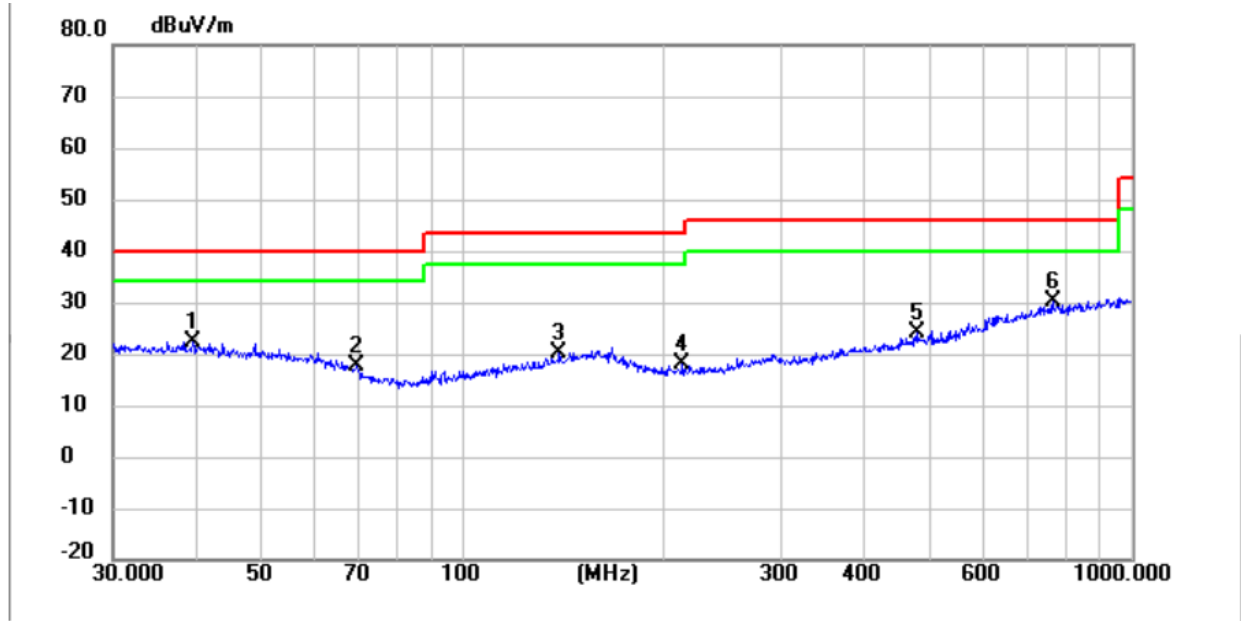
10.7.5 E.U.T. Operation:

Operating Environment:

Temperature:	22.9 °C	Humidity:	49.6 %	Atmospheric Pressure:	1010 mbar
Per-test mode:	TM1, TM2, TM3, TM4				
Final test mode:	TM1(Low channel)				
Test Voltage:	DC 3.87V				

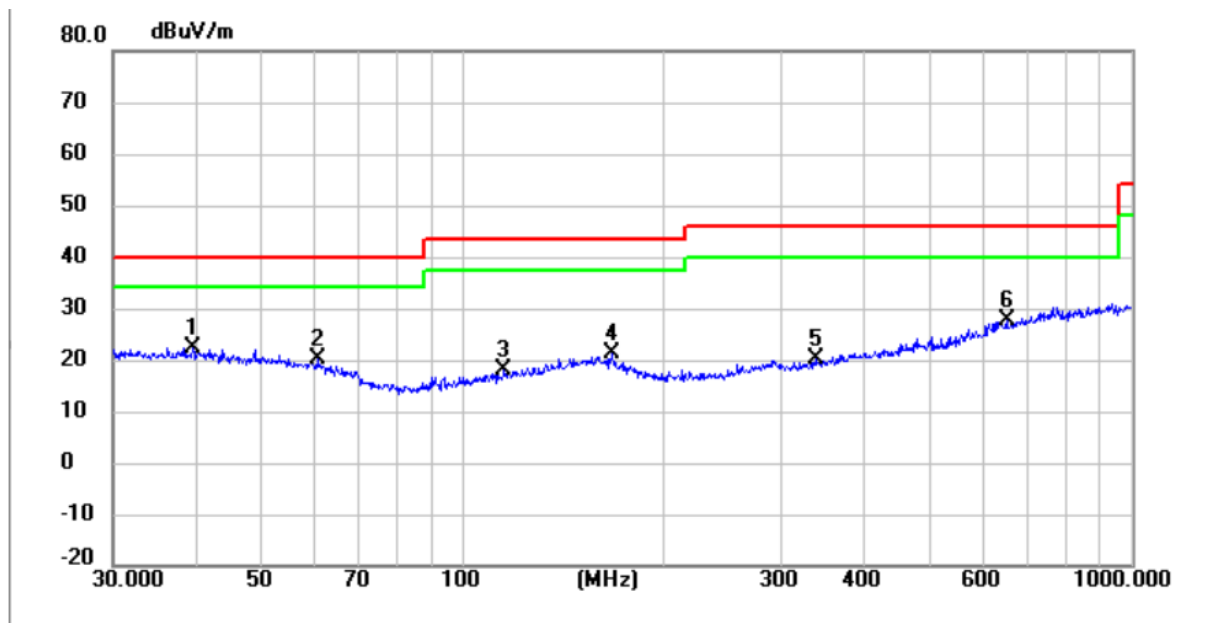
10.7.6 Test Data:

TM1 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: L



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	39.576	7.95	14.29	22.24	40.00	-17.76	peak	P	
2	69.600	6.54	11.30	17.84	40.00	-22.16	peak	P	
3	139.361	6.14	13.97	20.11	43.50	-23.39	peak	P	
4	213.015	7.11	10.87	17.98	43.50	-25.52	peak	P	
5	477.169	7.23	17.02	24.25	46.00	-21.75	peak	P	
6 *	763.376	8.10	21.97	30.07	46.00	-15.93	peak	P	

TM1 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: L

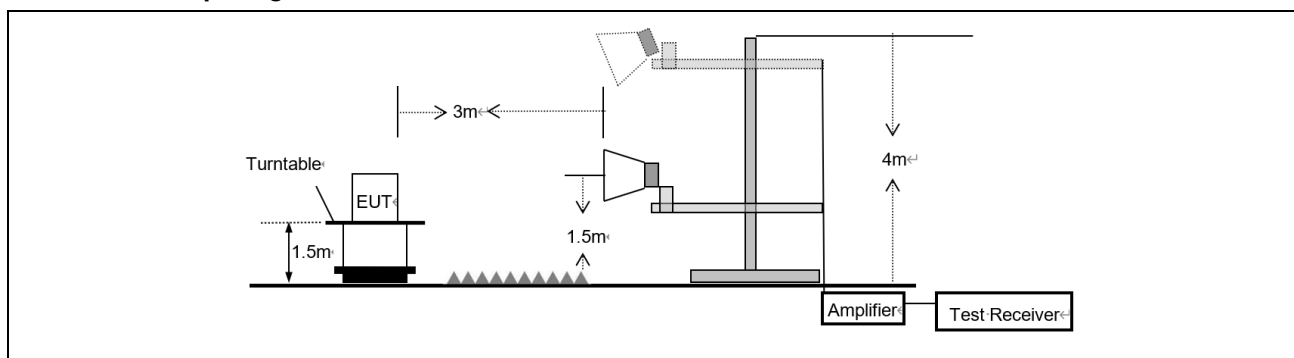


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	39.576	7.95	14.29	22.24	40.00	-17.76	peak	P	
2	60.918	7.07	12.94	20.01	40.00	-19.99	peak	P	
3	115.321	5.80	12.19	17.99	43.50	-25.51	peak	P	
4	167.237	7.09	14.00	21.09	43.50	-22.41	peak	P	
5	338.400	5.79	14.46	20.25	46.00	-25.75	peak	P	
6	651.942	7.49	20.19	27.68	46.00	-18.32	peak	P	

10.8 Emissions in frequency bands (1G - 18GHz)

Test Requirement:	Refer to 47 CFR 15.247(d), in addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).		
Test Limit:	Frequency(MHz)	Class B (dBuV/m) (at 3M)	
		PEAK	AVERAGE
	Above 1000	74	54
Test Method:	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.6 KDB 558074 D01 15.247 Meas Guidance v05r02		
Procedure:	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.6		

10.8.1 Test Setup Diagram:

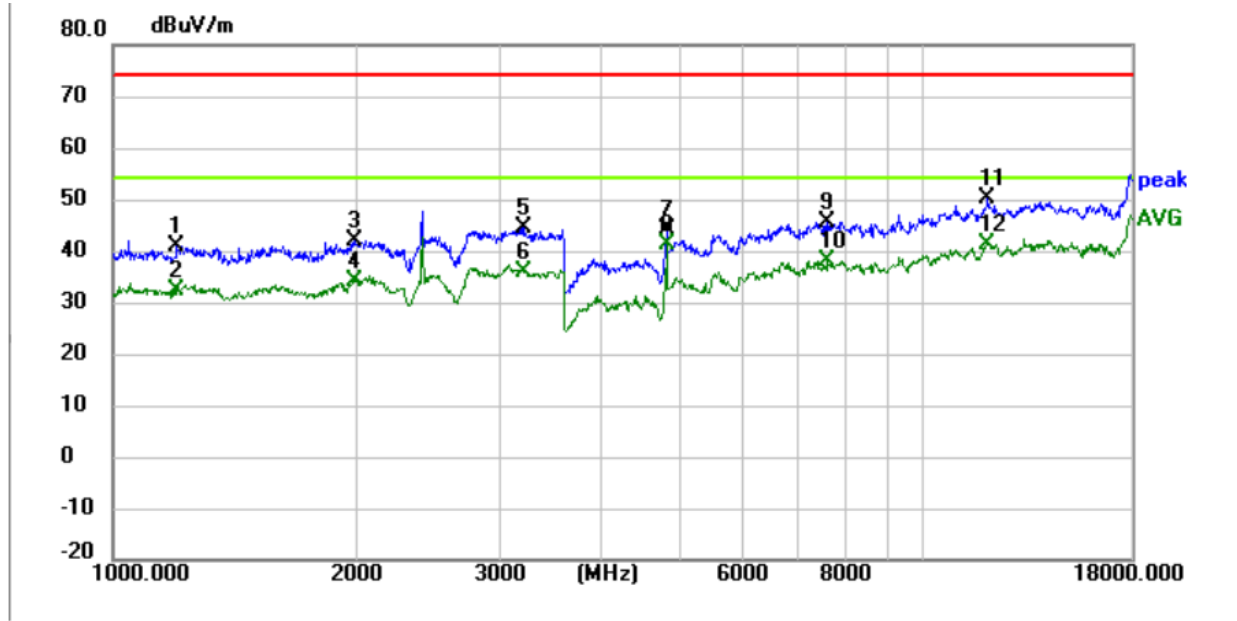


10.8.2 E.U.T. Operation:

Operating Environment:					
Temperature:	26.1 °C	Humidity:	47.2 %	Atmospheric Pressure:	1010 mbar
Per-test mode:	TM1, TM2, TM3, TM4				
Final test mode:	TM1, TM2, TM3, TM4				
Test Voltage:	DC 3.87V				

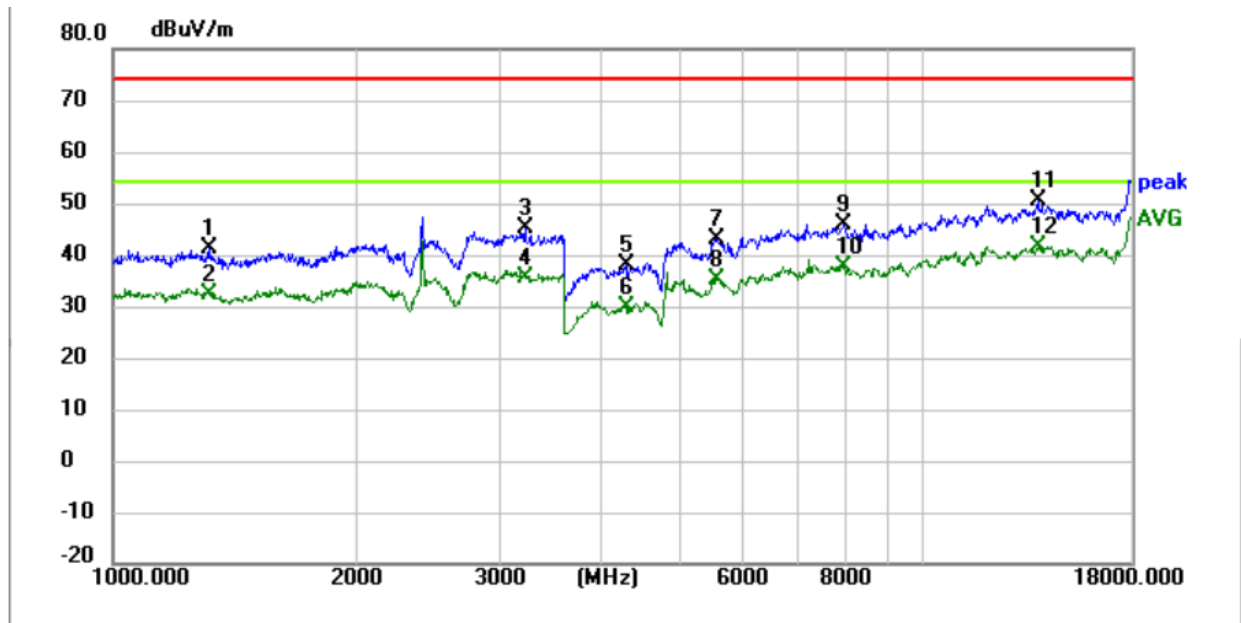
10.8.3 Test Data:

TM1 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: L



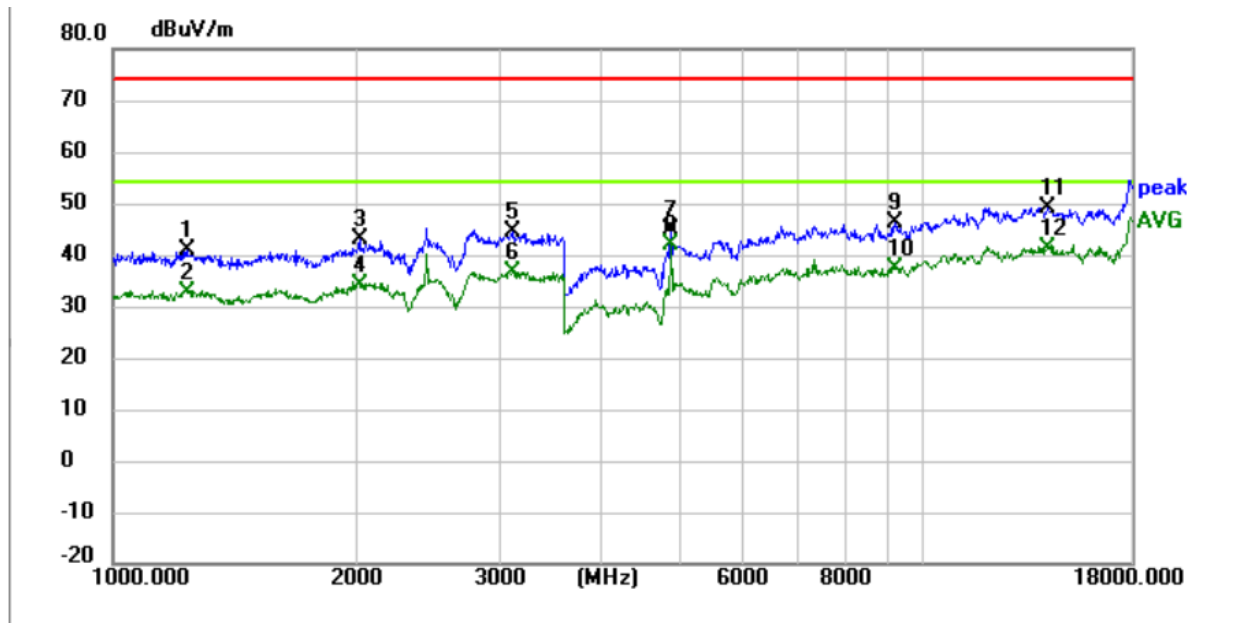
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1201.025	59.43	-18.39	41.04	74.00	-32.96	peak	P	
2	1201.025	50.59	-18.39	32.20	54.00	-21.80	AVG	P	
3	1986.850	55.98	-13.90	42.08	74.00	-31.92	peak	P	
4	1986.850	47.86	-13.90	33.96	54.00	-20.04	AVG	P	
5	3217.650	53.70	-9.13	44.57	74.00	-29.43	peak	P	
6	3217.650	44.97	-9.13	35.84	54.00	-18.16	AVG	P	
7	4824.150	51.03	-6.95	44.08	74.00	-29.92	peak	P	
8	4824.150	48.10	-6.95	41.15	54.00	-12.85	AVG	P	

TM1 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: L



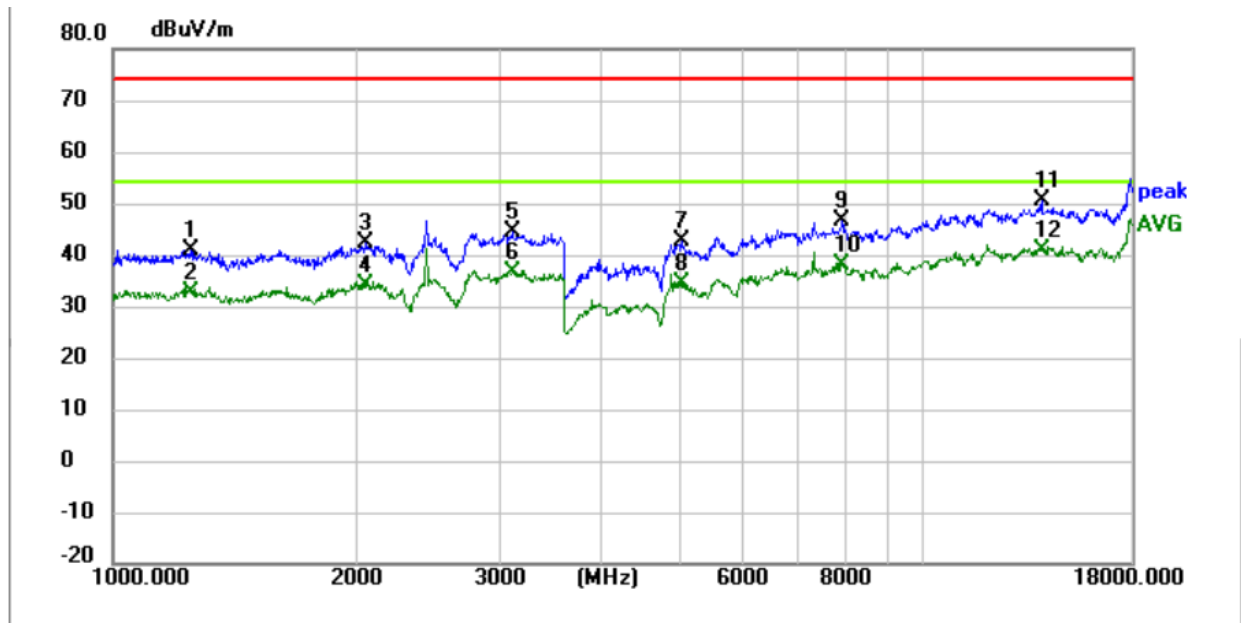
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1312.800	59.08	-17.87	41.21	74.00	-32.79	peak	P	
2	1312.800	50.27	-17.87	32.40	54.00	-21.60	AVG	P	
3	3226.150	54.13	-9.09	45.04	74.00	-28.96	peak	P	
4	3226.150	44.80	-9.09	35.71	54.00	-18.29	AVG	P	
5	4300.125	46.00	-7.87	38.13	74.00	-35.87	peak	P	
6	4300.125	37.85	-7.87	29.98	54.00	-24.02	AVG	P	
7	5554.725	48.88	-5.71	43.17	74.00	-30.83	peak	P	
8	5554.725	40.72	-5.71	35.01	54.00	-18.99	AVG	P	

TM1 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: M



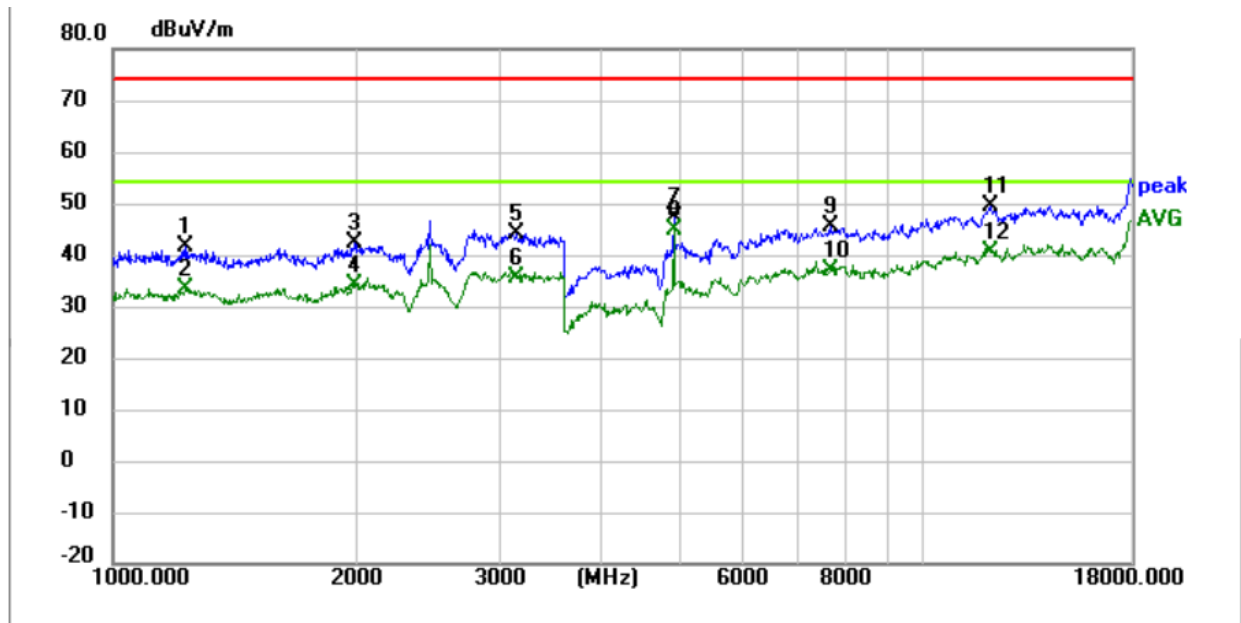
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1237.150	58.84	-18.01	40.83	74.00	-33.17	peak	P	
2	1237.150	50.79	-18.01	32.78	54.00	-21.22	AVG	P	
3	2015.750	56.26	-13.38	42.88	74.00	-31.12	peak	P	
4	2015.750	47.45	-13.38	34.07	54.00	-19.93	AVG	P	
5	3111.400	53.92	-9.54	44.38	74.00	-29.62	peak	P	
6	3111.400	46.08	-9.54	36.54	54.00	-17.46	AVG	P	
7	4874.300	52.14	-7.16	44.98	74.00	-29.02	peak	P	
8 *	4874.300	49.25	-7.16	42.09	54.00	-11.91	AVG	P	

TM1 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: M



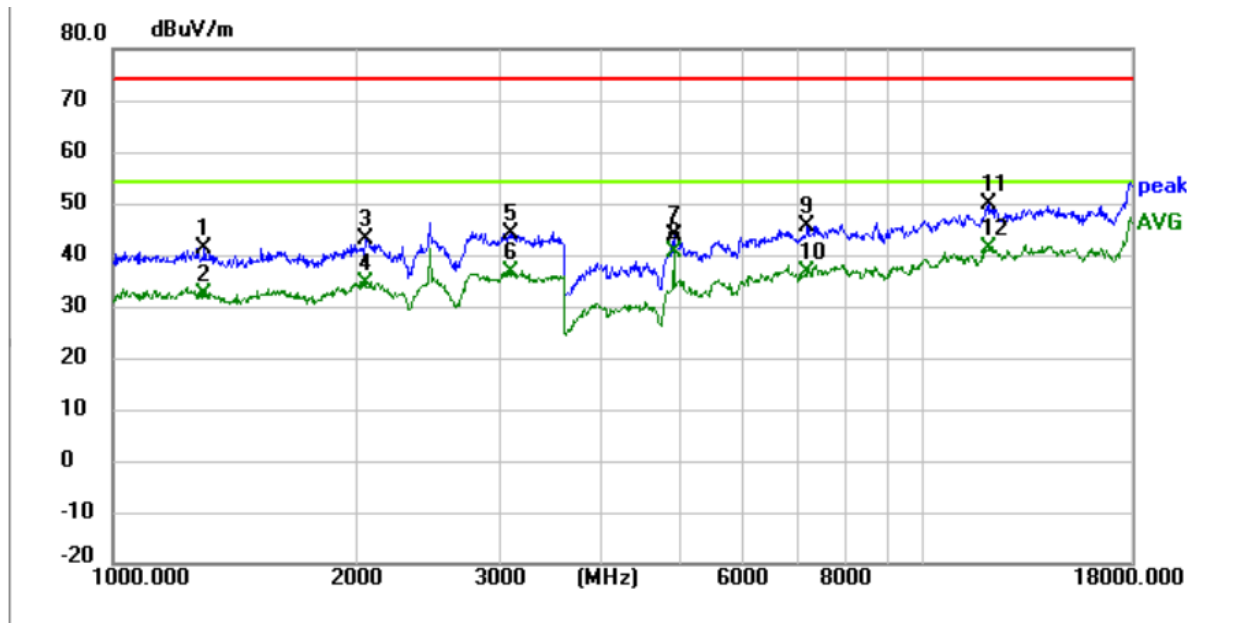
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1248.625	58.85	-17.89	40.96	74.00	-33.04	peak	P	
2	1248.625	50.74	-17.89	32.85	54.00	-21.15	AVG	P	
3	2058.250	55.10	-12.82	42.28	74.00	-31.72	peak	P	
4	2058.250	46.98	-12.82	34.16	54.00	-19.84	AVG	P	
5	3109.275	54.09	-9.54	44.55	74.00	-29.45	peak	P	
6	3109.275	46.25	-9.54	36.71	54.00	-17.29	AVG	P	
7	5039.200	48.55	-5.93	42.62	74.00	-31.38	peak	P	
8	5039.200	40.31	-5.93	34.38	54.00	-19.62	AVG	P	

TM1 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: H



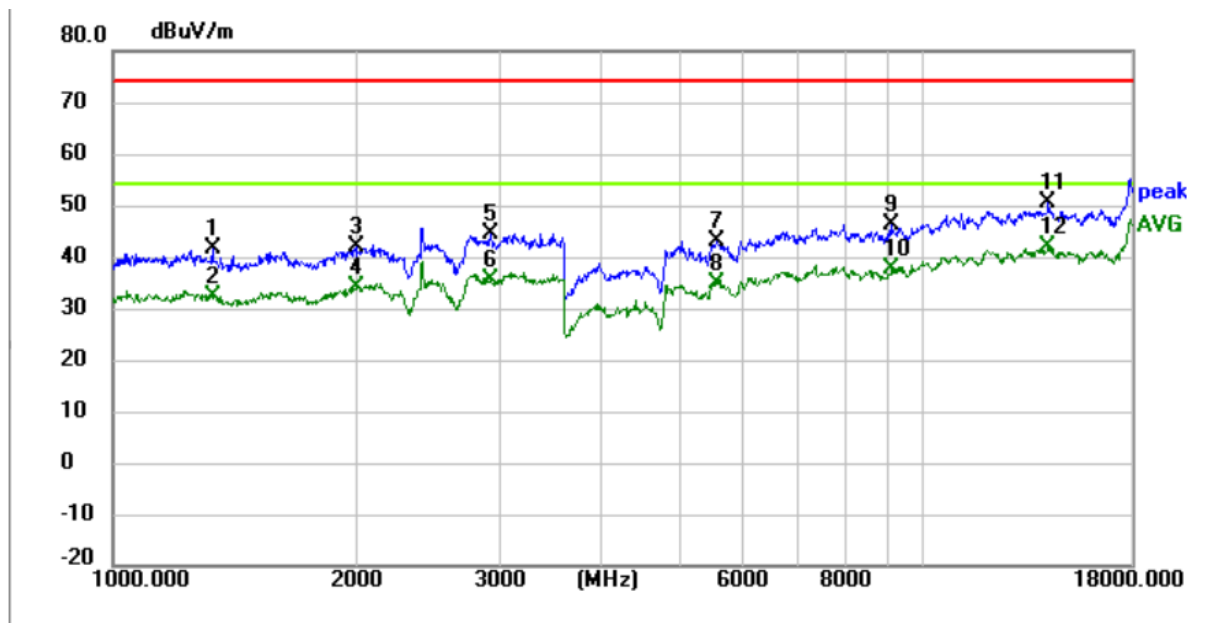
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1231.200	59.51	-18.07	41.44	74.00	-32.56	peak	P	
2	1231.200	51.64	-18.07	33.57	54.00	-20.43	AVG	P	
3	1991.100	55.96	-13.80	42.16	74.00	-31.84	peak	P	
4	1991.100	47.85	-13.80	34.05	54.00	-19.95	AVG	P	
5	3157.725	53.72	-9.44	44.28	74.00	-29.72	peak	P	
6	3157.725	45.08	-9.44	35.64	54.00	-18.36	AVG	P	
7	4924.450	54.12	-6.75	47.37	74.00	-26.63	peak	P	
8 *	4924.450	51.68	-6.75	44.93	54.00	-9.07	AVG	P	

TM1 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: H



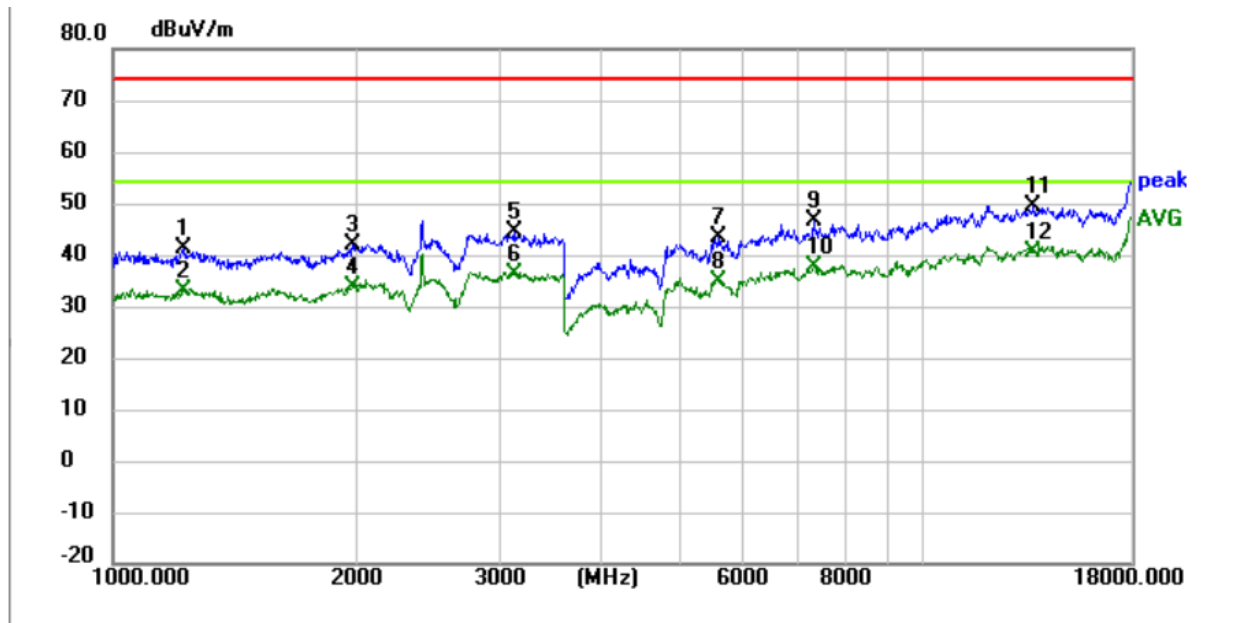
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1300.050	59.07	-17.85	41.22	74.00	-32.78	peak	P	
2	1300.050	50.32	-17.85	32.47	54.00	-21.53	AVG	P	
3	2055.275	55.76	-12.85	42.91	74.00	-31.09	peak	P	
4	2055.275	47.16	-12.85	34.31	54.00	-19.69	AVG	P	
5	3099.925	53.80	-9.55	44.25	74.00	-29.75	peak	P	
6	3099.925	46.05	-9.55	36.50	54.00	-17.50	AVG	P	
7	4924.450	50.65	-6.75	43.90	74.00	-30.10	peak	P	
8	4924.450	47.37	-6.75	40.62	54.00	-13.38	AVG	P	

TM2 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: L



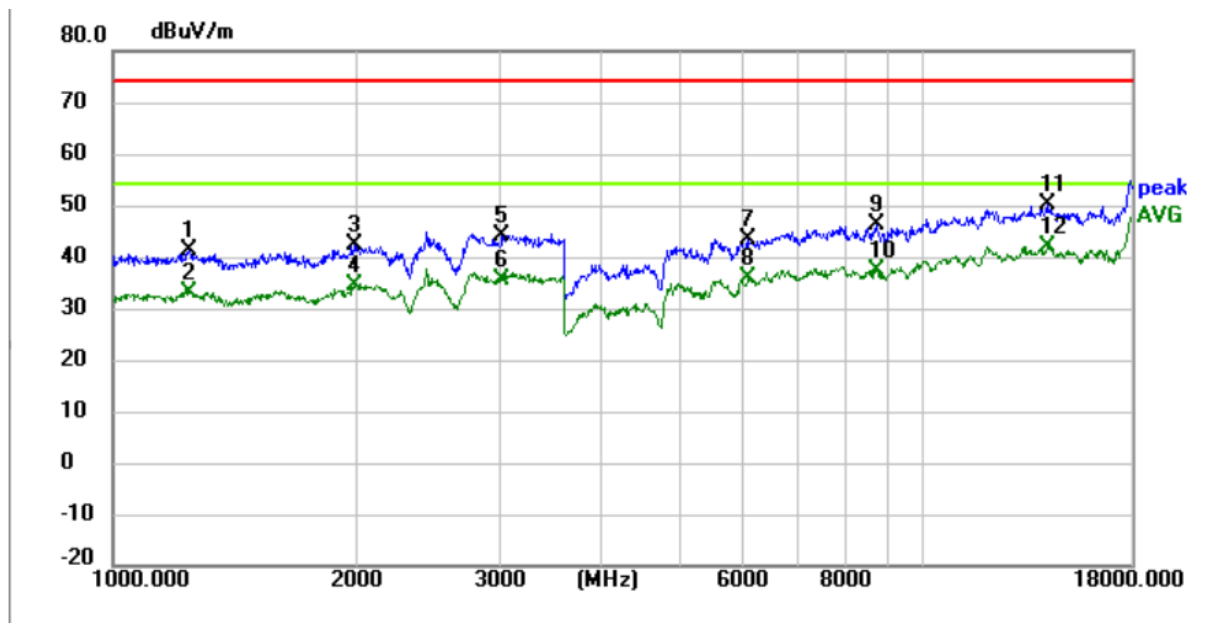
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1329.375	59.66	-17.90	41.76	74.00	-32.24	peak	P	
2	1329.375	50.36	-17.90	32.46	54.00	-21.54	AVG	P	
3	2000.875	55.38	-13.59	41.79	74.00	-32.21	peak	P	
4	2000.875	47.72	-13.59	34.13	54.00	-19.87	AVG	P	
5	2923.125	54.51	-10.03	44.48	74.00	-29.52	peak	P	
6	2923.125	45.61	-10.03	35.58	54.00	-18.42	AVG	P	
7	5560.250	48.89	-5.73	43.16	74.00	-30.84	peak	P	
8	5560.250	40.71	-5.73	34.98	54.00	-19.02	AVG	P	

TM2 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: L



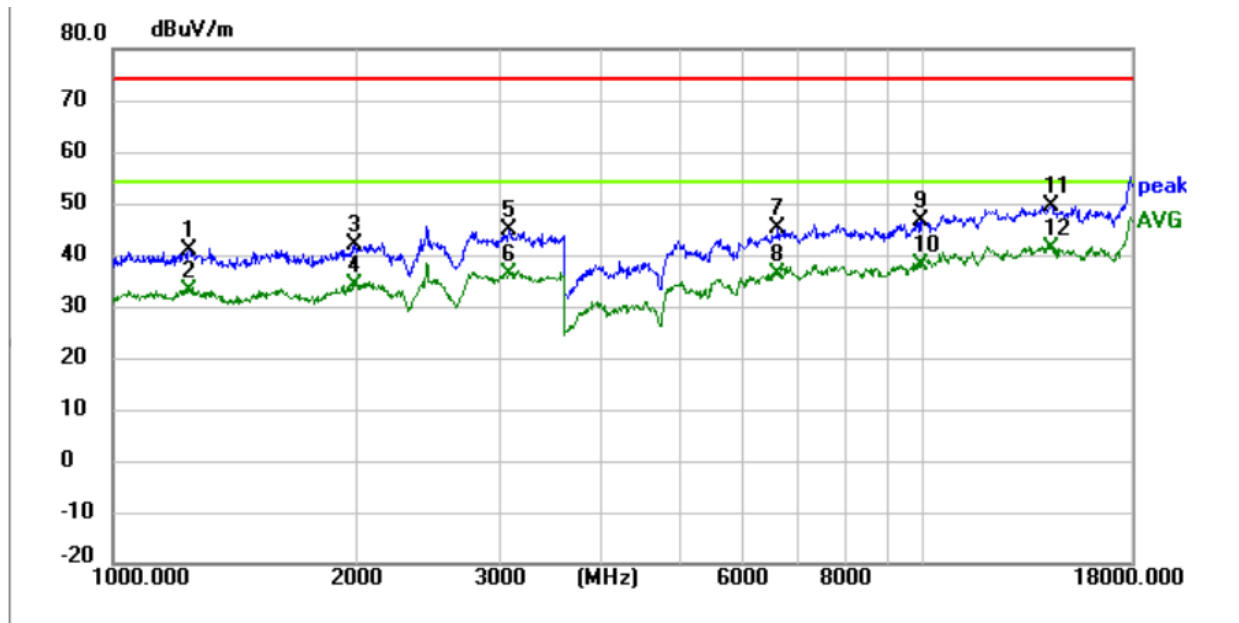
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1226.950	59.48	-18.11	41.37	74.00	-32.63	peak	P	
2	1226.950	51.21	-18.11	33.10	54.00	-20.90	AVG	P	
3	1975.375	56.04	-14.15	41.89	74.00	-32.11	peak	P	
4	1975.375	47.90	-14.15	33.75	54.00	-20.25	AVG	P	
5	3130.525	53.99	-9.51	44.48	74.00	-29.52	peak	P	
6	3130.525	45.73	-9.51	36.22	54.00	-17.78	AVG	P	
7	5569.600	49.22	-5.77	43.45	74.00	-30.55	peak	P	
8	5569.600	40.56	-5.77	34.79	54.00	-19.21	AVG	P	

TM2 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: M



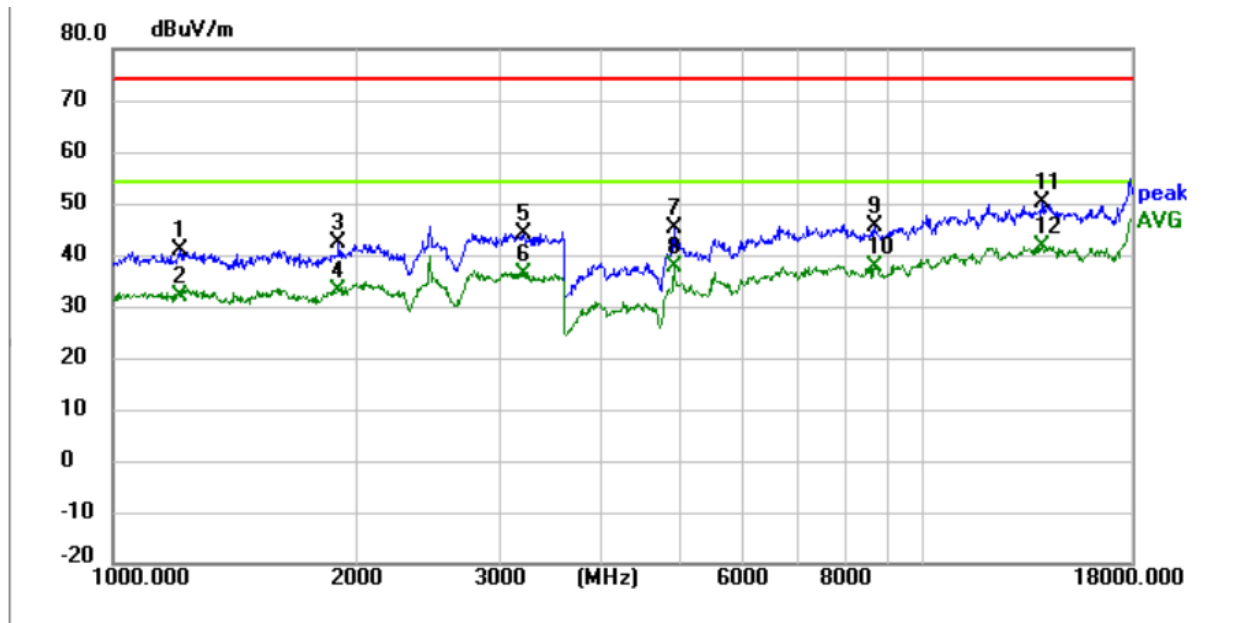
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1242.250	59.15	-17.95	41.20	74.00	-32.80	peak	P	
2	1242.250	51.08	-17.95	33.13	54.00	-20.87	AVG	P	
3	1990.250	56.25	-13.82	42.43	74.00	-31.57	peak	P	
4	1990.250	48.11	-13.82	34.29	54.00	-19.71	AVG	P	
5	3017.475	53.71	-9.52	44.19	74.00	-29.81	peak	P	
6	3017.475	44.89	-9.52	35.37	54.00	-18.63	AVG	P	
7	6088.100	48.35	-4.81	43.54	74.00	-30.46	peak	P	
8	6088.100	40.66	-4.81	35.85	54.00	-18.15	AVG	P	

TM2 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: M



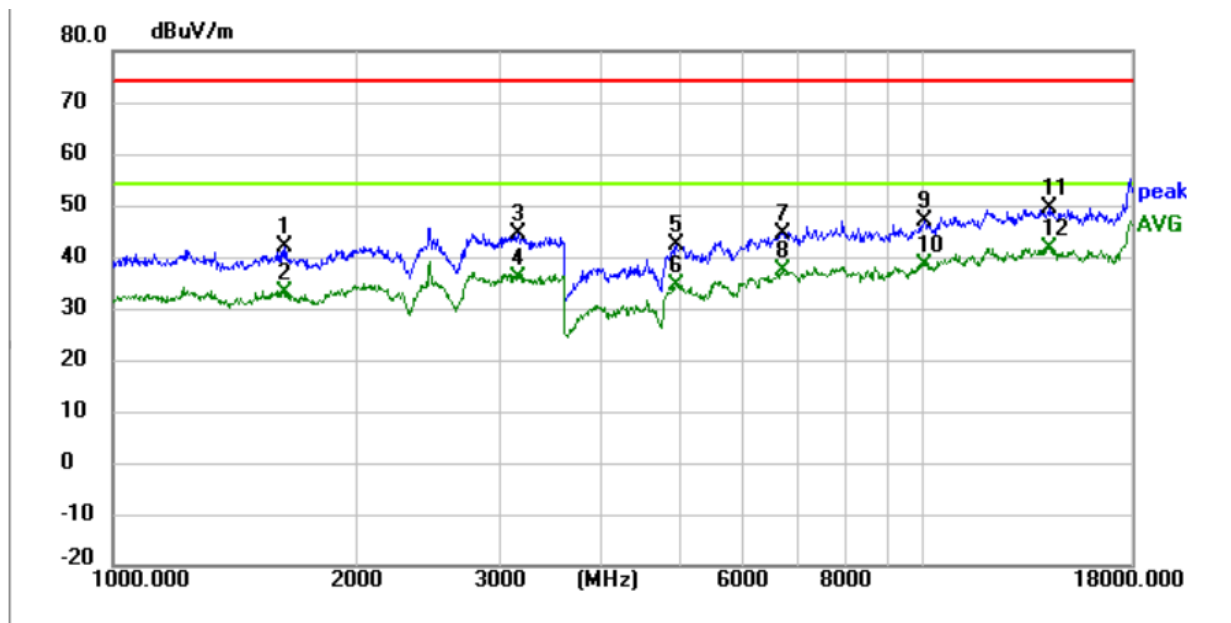
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1243.100	58.98	-17.95	41.03	74.00	-32.97	peak	P	
2	1243.100	50.93	-17.95	32.98	54.00	-21.02	AVG	P	
3	1989.400	55.70	-13.83	41.87	74.00	-32.13	peak	P	
4	1989.400	48.08	-13.83	34.25	54.00	-19.75	AVG	P	
5	3081.225	54.31	-9.57	44.74	74.00	-29.26	peak	P	
6	3081.225	45.90	-9.57	36.33	54.00	-17.67	AVG	P	
7	6603.200	48.46	-3.28	45.18	74.00	-28.82	peak	P	
8	6603.200	39.68	-3.28	36.40	54.00	-17.60	AVG	P	

TM2 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: H



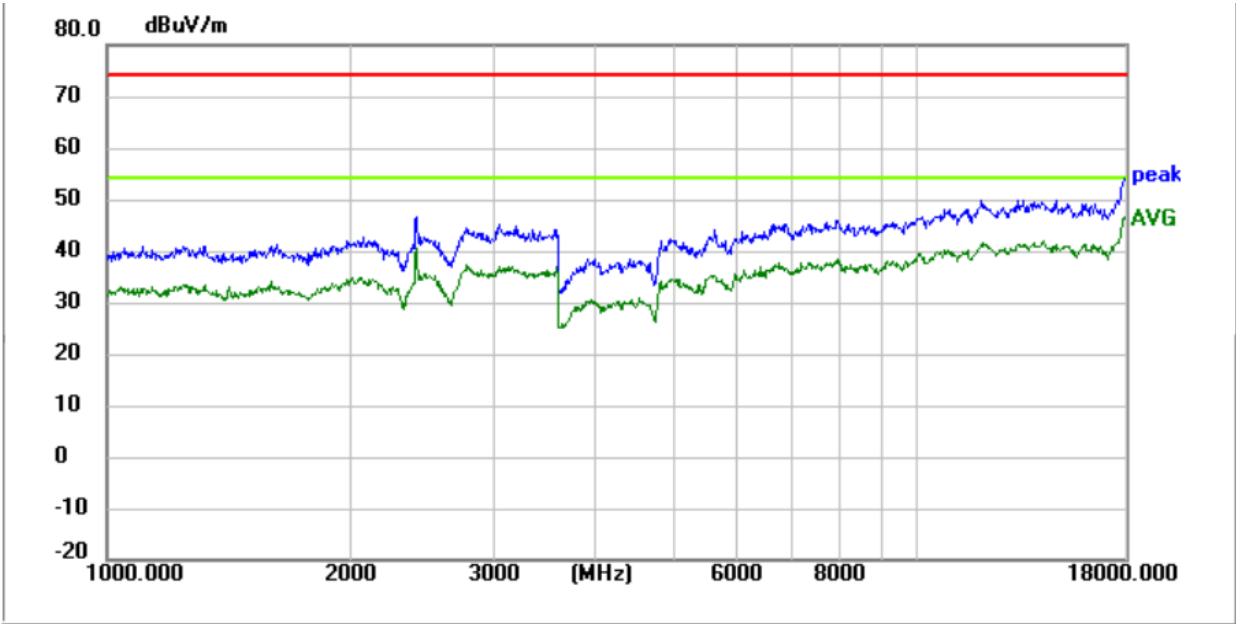
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1208.250	59.23	-18.31	40.92	74.00	-33.08	peak	P	
2	1208.250	50.23	-18.31	31.92	54.00	-22.08	AVG	P	
3	1900.575	57.25	-14.85	42.40	74.00	-31.60	peak	P	
4	1900.575	47.97	-14.85	33.12	54.00	-20.88	AVG	P	
5	3220.200	53.22	-9.12	44.10	74.00	-29.90	peak	P	
6	3220.200	45.41	-9.12	36.29	54.00	-17.71	AVG	P	
7	4924.025	51.98	-6.76	45.22	74.00	-28.78	peak	P	
8	4924.025	44.30	-6.76	37.54	54.00	-16.46	AVG	P	

TM2 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: H



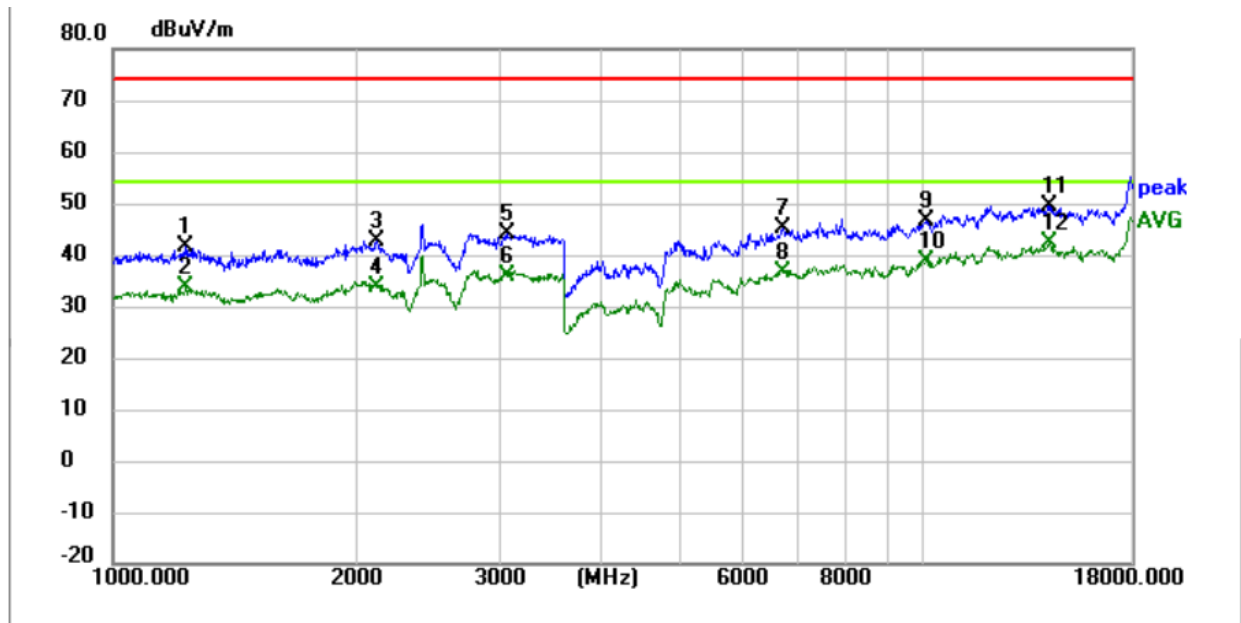
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1626.875	58.69	-16.60	42.09	74.00	-31.91	peak	P	
2	1626.875	49.48	-16.60	32.88	54.00	-21.12	AVG	P	
3	3159.425	54.00	-9.44	44.56	74.00	-29.44	peak	P	
4	3159.425	45.26	-9.44	35.82	54.00	-18.18	AVG	P	
5	4951.225	48.49	-6.01	42.48	74.00	-31.52	peak	P	
6	4951.225	40.62	-6.01	34.61	54.00	-19.39	AVG	P	
7	6702.225	47.42	-2.87	44.55	74.00	-29.45	peak	P	
8	6702.225	40.32	-2.87	37.45	54.00	-16.55	AVG	P	

TM3 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: L



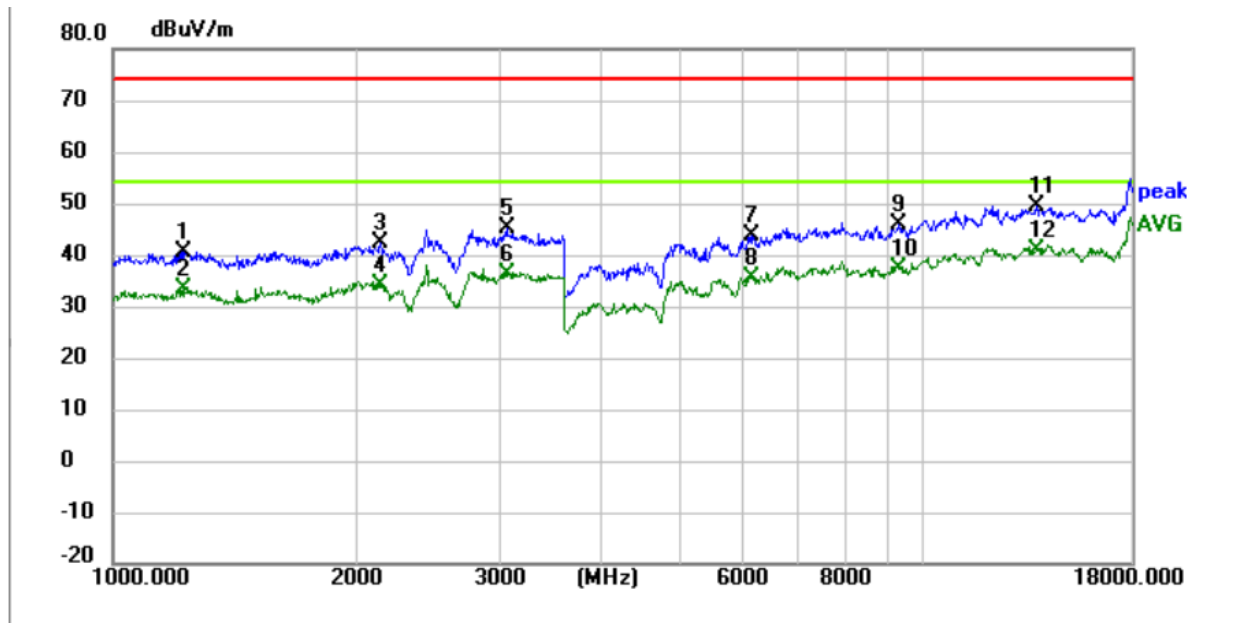
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
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TM3 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: L



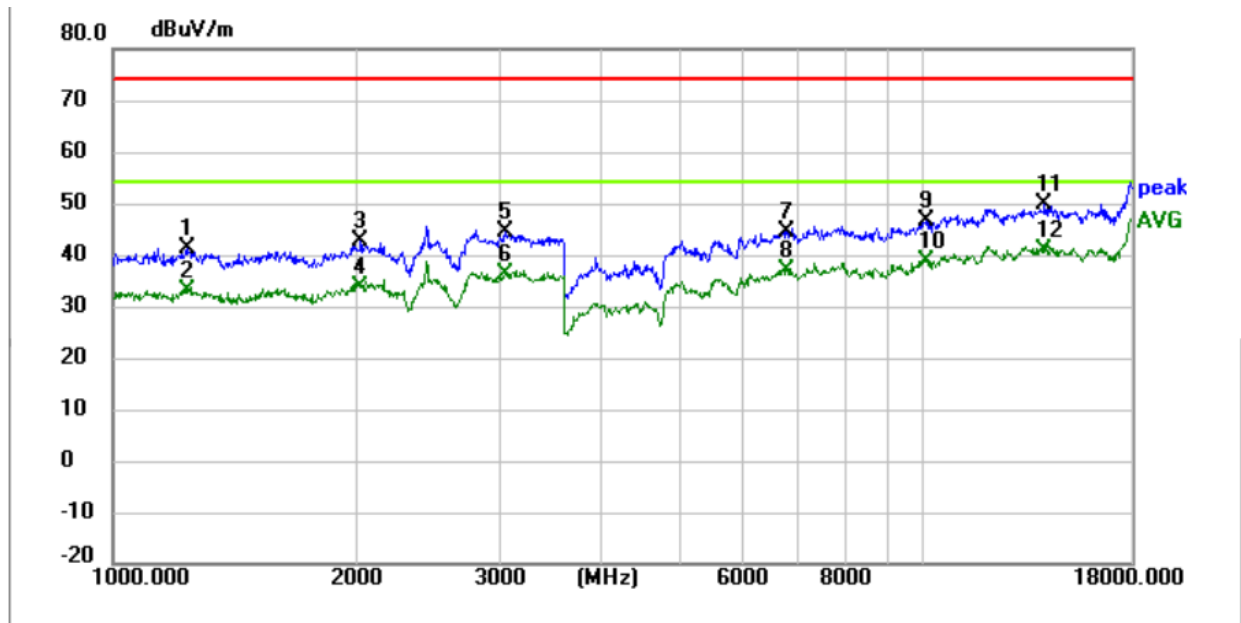
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1232.475	59.60	-18.06	41.54	74.00	-32.46	peak	P	
2	1232.475	51.83	-18.06	33.77	54.00	-20.23	AVG	P	
3	2117.325	55.43	-12.58	42.85	74.00	-31.15	peak	P	
4	2117.325	46.45	-12.58	33.87	54.00	-20.13	AVG	P	
5	3076.125	53.82	-9.58	44.24	74.00	-29.76	peak	P	
6	3076.125	45.43	-9.58	35.85	54.00	-18.15	AVG	P	
7	6700.525	48.11	-2.84	45.27	74.00	-28.73	peak	P	
8	6700.525	39.61	-2.84	36.77	54.00	-17.23	AVG	P	

TM3 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: M



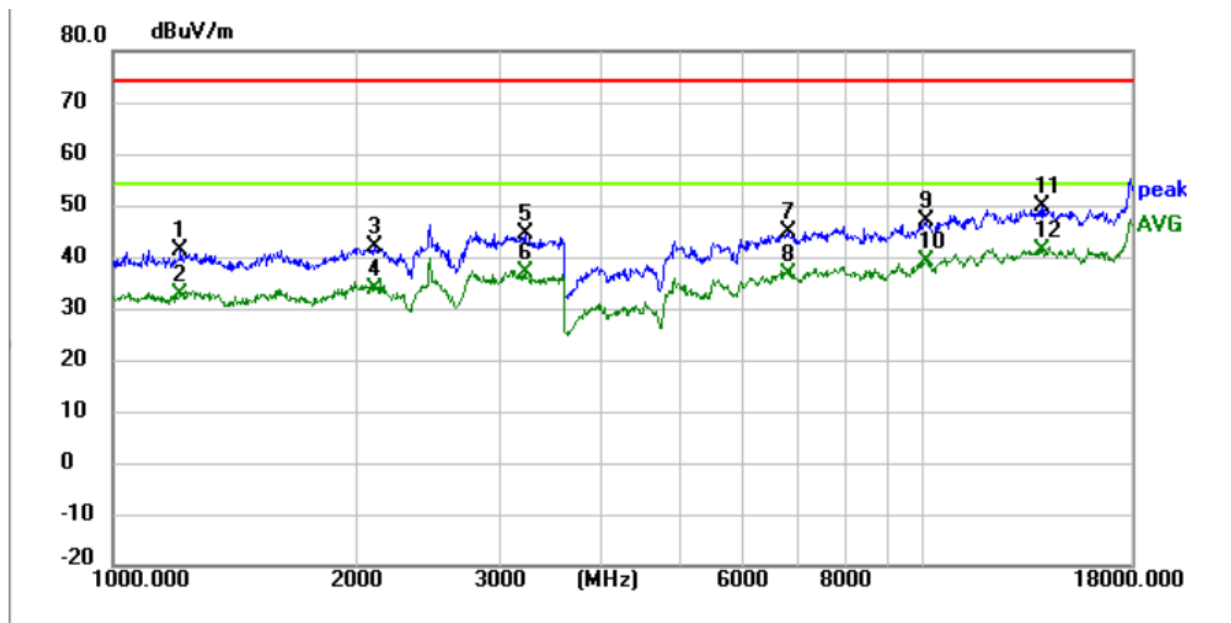
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1223.125	58.81	-18.16	40.65	74.00	-33.35	peak	P	
2	1223.125	51.60	-18.16	33.44	54.00	-20.56	AVG	P	
3	2141.550	54.97	-12.72	42.25	74.00	-31.75	peak	P	
4	2141.550	46.70	-12.72	33.98	54.00	-20.02	AVG	P	
5	3062.950	54.89	-9.59	45.30	74.00	-28.70	peak	P	
6	3062.950	45.75	-9.59	36.16	54.00	-17.84	AVG	P	
7	6147.600	48.34	-4.64	43.70	74.00	-30.30	peak	P	
8	6147.600	40.11	-4.64	35.47	54.00	-18.53	AVG	P	

TM3 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: M



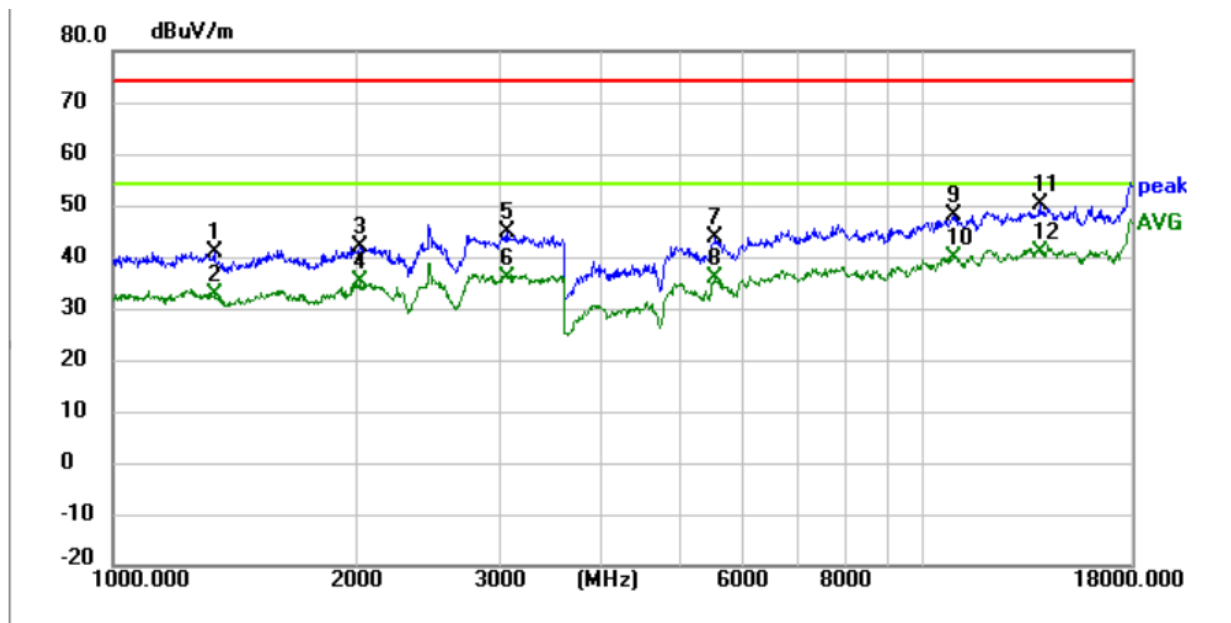
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1236.300	59.14	-18.02	41.12	74.00	-32.88	peak	P	
2	1236.300	50.93	-18.02	32.91	54.00	-21.09	AVG	P	
3	2022.125	55.82	-13.28	42.54	74.00	-31.46	peak	P	
4	2022.125	47.15	-13.28	33.87	54.00	-20.13	AVG	P	
5	3049.350	54.11	-9.60	44.51	74.00	-29.49	peak	P	
6	3049.350	46.00	-9.60	36.40	54.00	-17.60	AVG	P	
7	6775.750	47.99	-3.46	44.53	74.00	-29.47	peak	P	
8	6775.750	40.36	-3.46	36.90	54.00	-17.10	AVG	P	

TM3 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: H



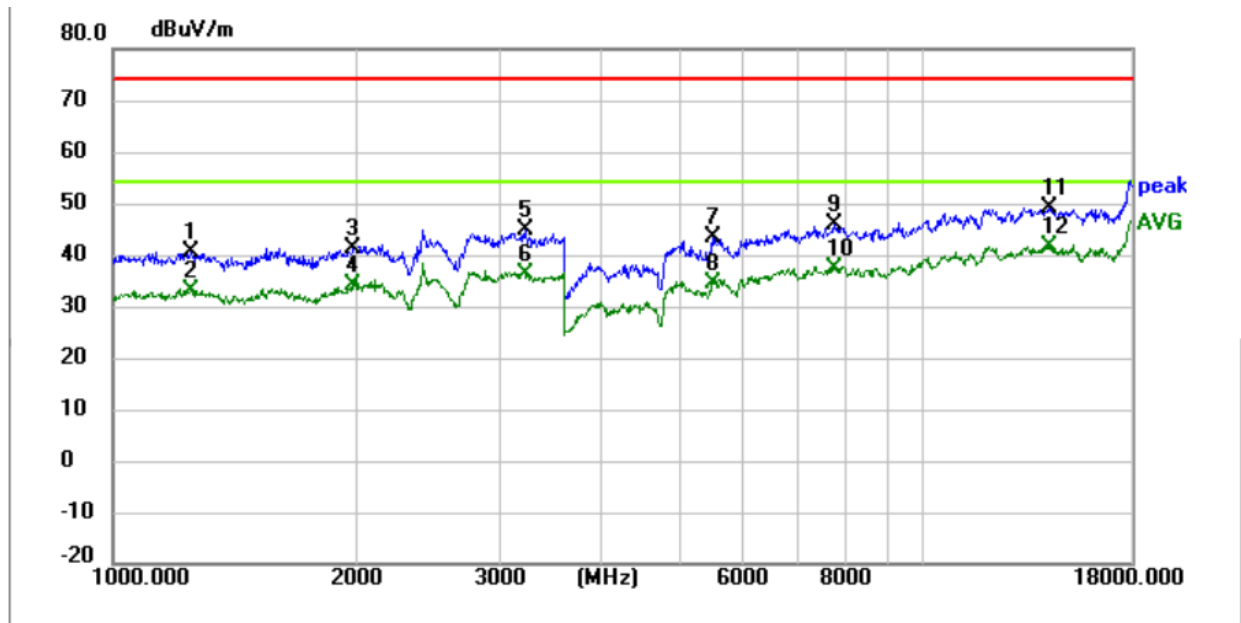
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1211.225	59.51	-18.29	41.22	74.00	-32.78	peak	P	
2	1211.225	51.00	-18.29	32.71	54.00	-21.29	AVG	P	
3	2102.025	54.61	-12.50	42.11	74.00	-31.89	peak	P	
4	2102.025	46.08	-12.50	33.58	54.00	-20.42	AVG	P	
5	3225.300	53.70	-9.10	44.60	74.00	-29.40	peak	P	
6	3225.300	46.03	-9.10	36.93	54.00	-17.07	AVG	P	
7	6807.625	48.07	-3.27	44.80	74.00	-29.20	peak	P	
8	6807.625	39.72	-3.27	36.45	54.00	-17.55	AVG	P	

TM3 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: H



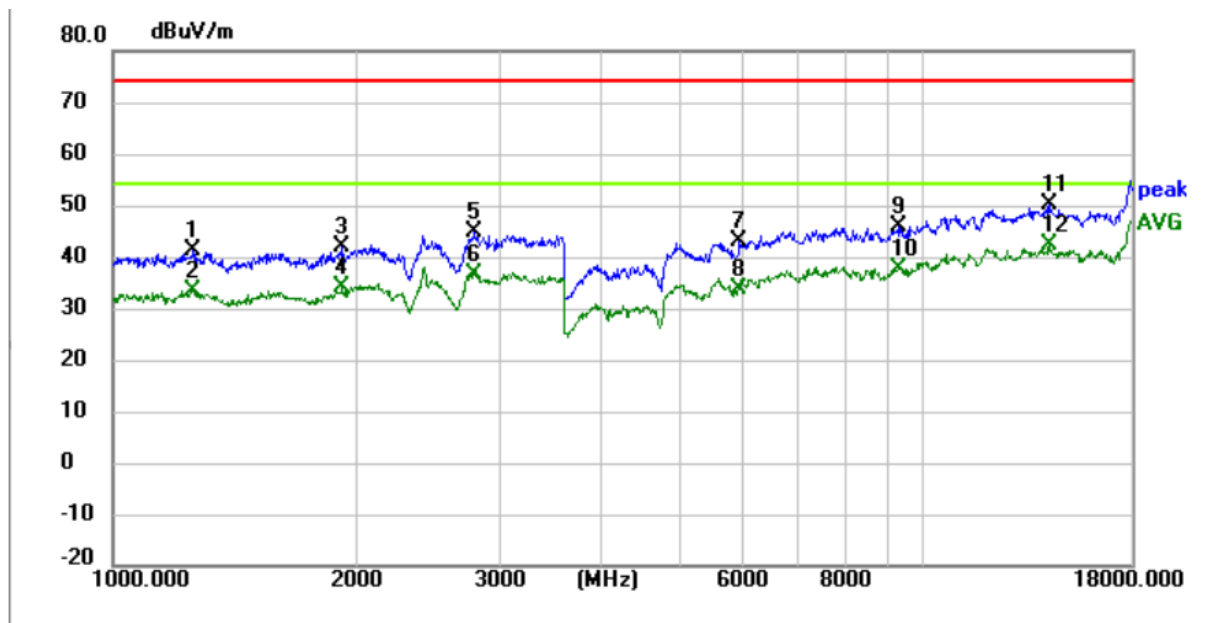
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1338.300	58.95	-17.90	41.05	74.00	-32.95	peak	P	
2	1338.300	50.65	-17.90	32.75	54.00	-21.25	AVG	P	
3	2013.625	55.46	-13.41	42.05	74.00	-31.95	peak	P	
4	2013.625	48.61	-13.41	35.20	54.00	-18.80	AVG	P	
5	3072.300	54.25	-9.59	44.66	74.00	-29.34	peak	P	
6	3072.300	45.40	-9.59	35.81	54.00	-18.19	AVG	P	
7	5544.525	49.31	-5.64	43.67	74.00	-30.33	peak	P	
8	5544.525	41.64	-5.64	36.00	54.00	-18.00	AVG	P	

TM4 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 40 / CH: L



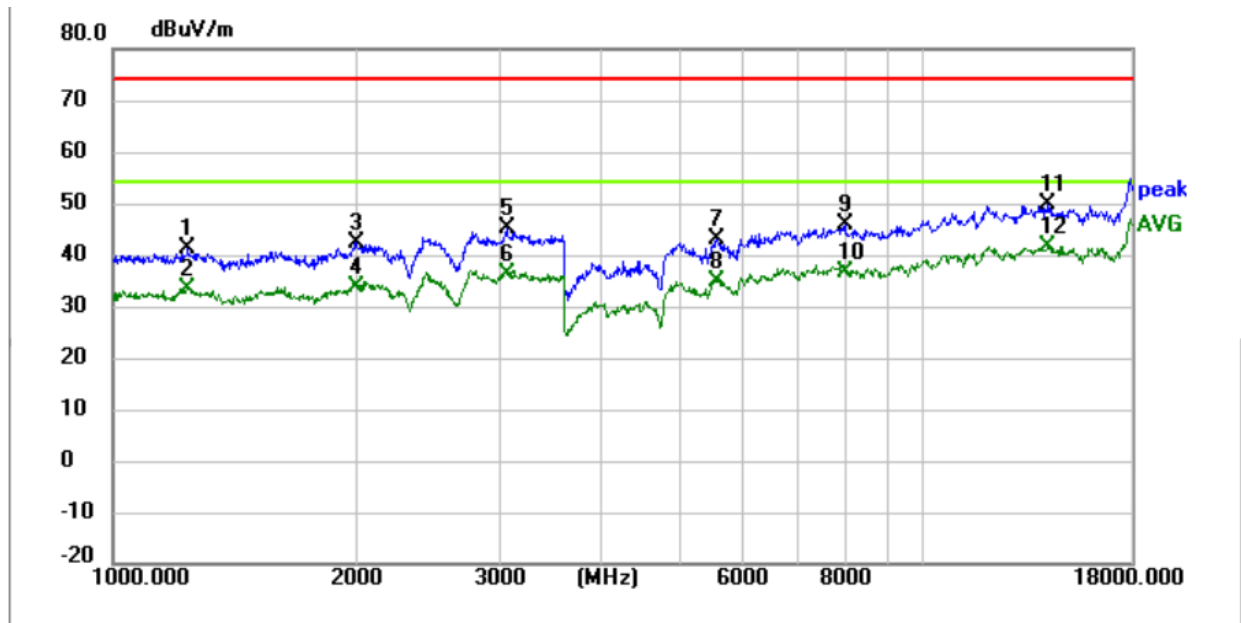
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1251.175	58.34	-17.87	40.47	74.00	-33.53	peak	P	
2	1251.175	50.75	-17.87	32.88	54.00	-21.12	AVG	P	
3	1979.625	55.39	-14.06	41.33	74.00	-32.67	peak	P	
4	1979.625	48.07	-14.06	34.01	54.00	-19.99	AVG	P	
5	3224.450	53.79	-9.10	44.69	74.00	-29.31	peak	P	
6	3224.450	45.36	-9.10	36.26	54.00	-17.74	AVG	P	
7	5499.475	48.86	-5.30	43.56	74.00	-30.44	peak	P	
8	5499.475	39.93	-5.30	34.63	54.00	-19.37	AVG	P	

TM4 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 40 / CH: L



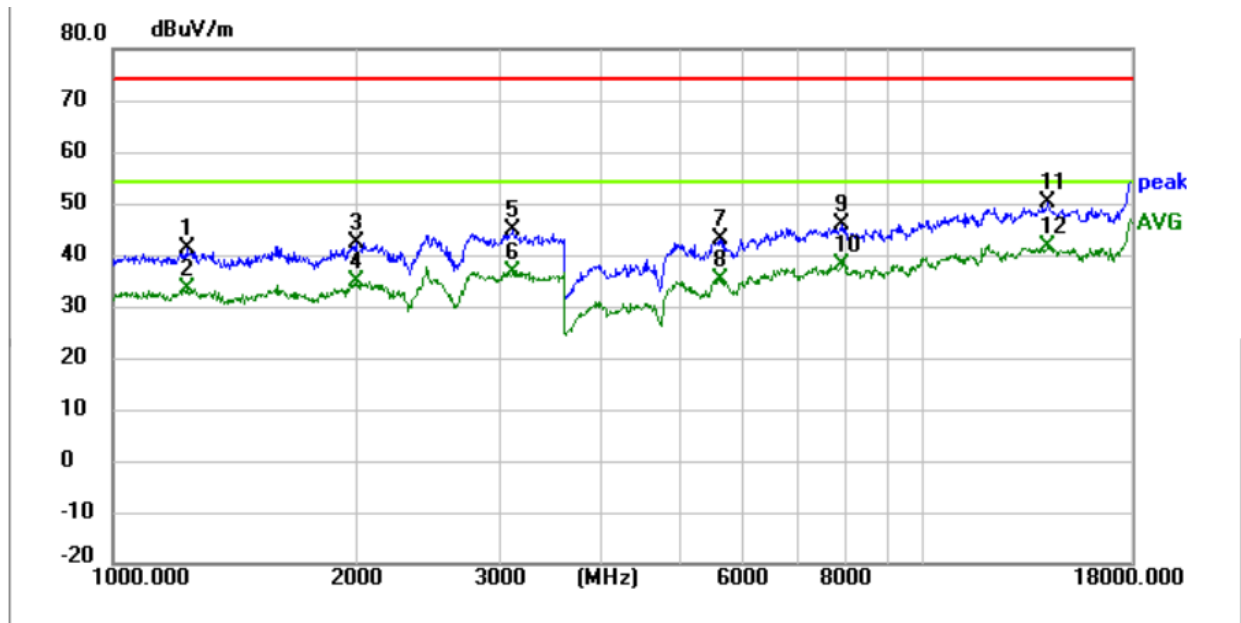
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1256.700	58.96	-17.87	41.09	74.00	-32.91	peak	P	
2	1256.700	51.11	-17.87	33.24	54.00	-20.76	AVG	P	
3	1921.400	56.94	-14.80	42.14	74.00	-31.86	peak	P	
4	1921.400	48.82	-14.80	34.02	54.00	-19.98	AVG	P	
5	2791.800	55.18	-10.48	44.70	74.00	-29.30	peak	P	
6	2791.800	47.10	-10.48	36.62	54.00	-17.38	AVG	P	
7	5932.550	47.41	-4.54	42.87	74.00	-31.13	peak	P	
8	5932.550	38.45	-4.54	33.91	54.00	-20.09	AVG	P	

TM4 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 40 / CH: M



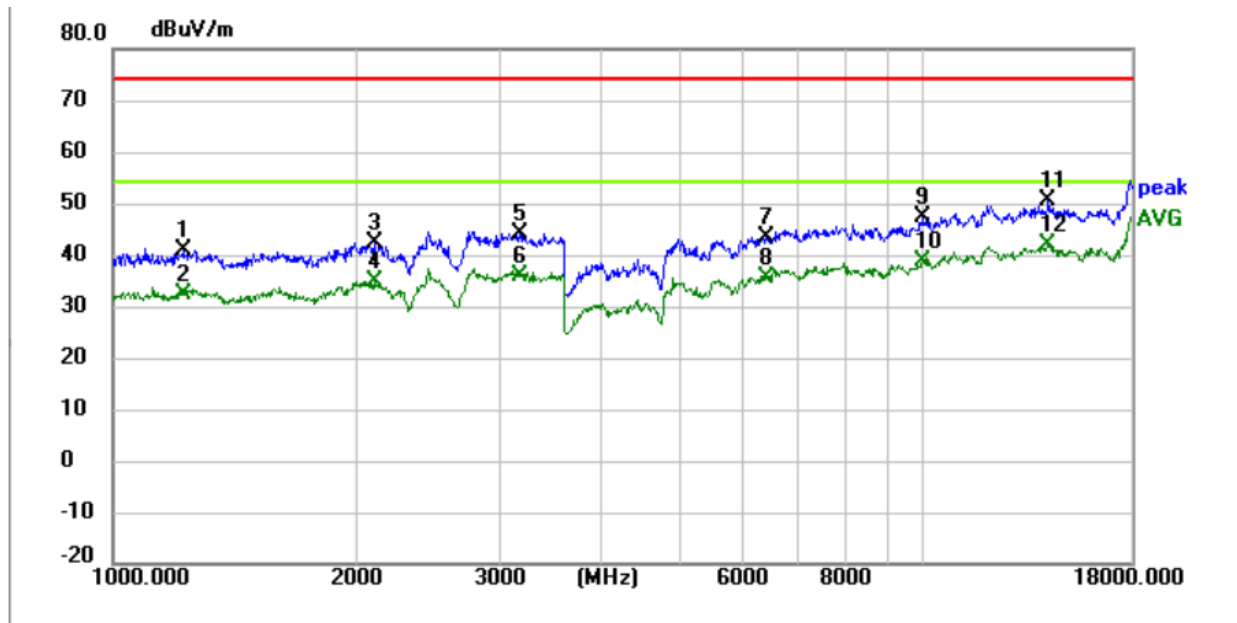
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1240.975	59.07	-17.96	41.11	74.00	-32.89	peak	P	
2	1240.975	51.53	-17.96	33.57	54.00	-20.43	AVG	P	
3	1998.750	55.89	-13.62	42.27	74.00	-31.73	peak	P	
4	1998.750	47.41	-13.62	33.79	54.00	-20.21	AVG	P	
5	3068.900	54.71	-9.59	45.12	74.00	-28.88	peak	P	
6	3068.900	45.75	-9.59	36.16	54.00	-17.84	AVG	P	
7	5565.350	48.79	-5.75	43.04	74.00	-30.96	peak	P	
8	5565.350	40.40	-5.75	34.65	54.00	-19.35	AVG	P	

TM4 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 40 / CH: M



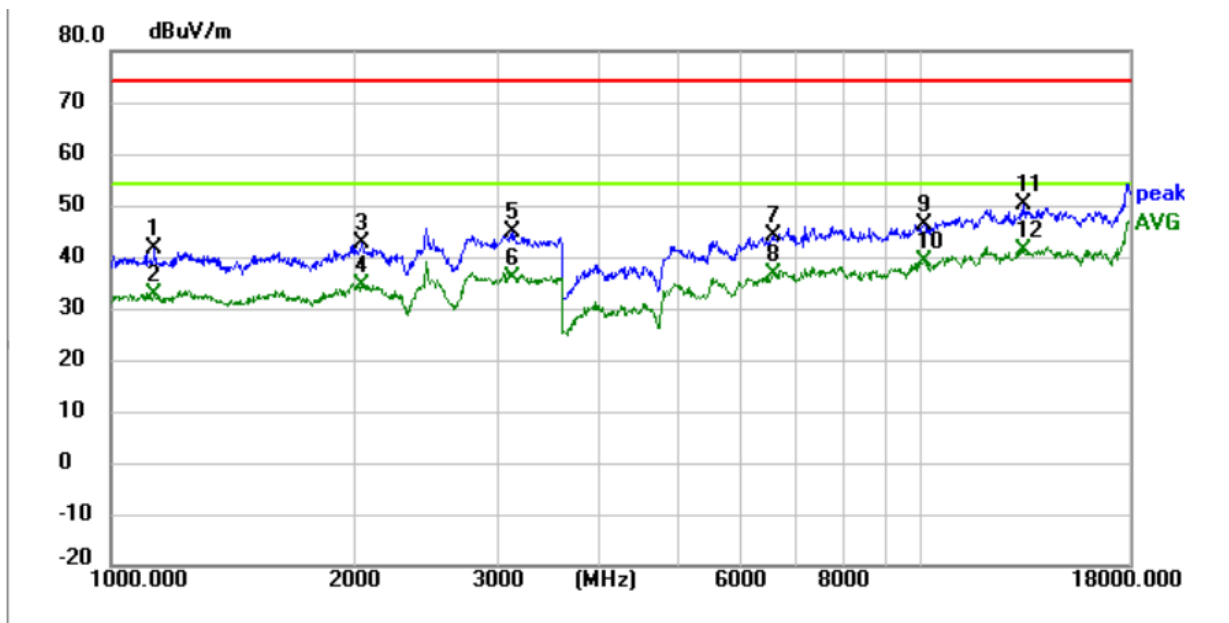
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1238.425	59.34	-17.99	41.35	74.00	-32.65	peak	P	
2	1238.425	51.53	-17.99	33.54	54.00	-20.46	AVG	P	
3	1996.625	56.01	-13.68	42.33	74.00	-31.67	peak	P	
4	1996.625	48.41	-13.68	34.73	54.00	-19.27	AVG	P	
5	3118.200	54.42	-9.52	44.90	74.00	-29.10	peak	P	
6	3118.200	46.25	-9.52	36.73	54.00	-17.27	AVG	P	
7	5613.800	48.77	-5.82	42.95	74.00	-31.05	peak	P	
8	5613.800	40.87	-5.82	35.05	54.00	-18.95	AVG	P	

TM4 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 40 / CH: H



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1222.700	59.07	-18.16	40.91	74.00	-33.09	peak	P	
2	1222.700	50.61	-18.16	32.45	54.00	-21.55	AVG	P	
3	2102.025	54.91	-12.50	42.41	74.00	-31.59	peak	P	
4	2102.025	47.40	-12.50	34.90	54.00	-19.10	AVG	P	
5	3170.475	53.44	-9.39	44.05	74.00	-29.95	peak	P	
6	3170.475	45.11	-9.39	35.72	54.00	-18.28	AVG	P	
7	6410.250	47.39	-4.01	43.38	74.00	-30.62	peak	P	
8	6410.250	39.68	-4.01	35.67	54.00	-18.33	AVG	P	

TM4 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 40 / CH: H

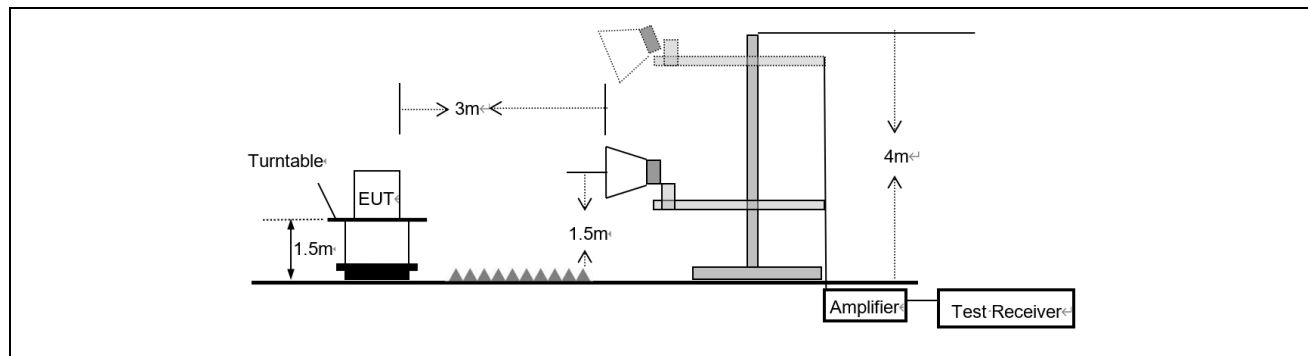


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1132.600	60.08	-18.59	41.49	74.00	-32.51	peak	P	
2	1132.600	51.16	-18.59	32.57	54.00	-21.43	AVG	P	
3	2044.650	55.50	-12.96	42.54	74.00	-31.46	peak	P	
4	2044.650	47.56	-12.96	34.60	54.00	-19.40	AVG	P	
5	3133.075	54.34	-9.51	44.83	74.00	-29.17	peak	P	
6	3133.075	45.58	-9.51	36.07	54.00	-17.93	AVG	P	
7	6561.975	47.28	-3.34	43.94	74.00	-30.06	peak	P	
8	6561.975	40.11	-3.34	36.77	54.00	-17.23	AVG	P	

10.9 Emissions in frequency bands (above 18GHz)

Test Requirement:	Refer to 47 CFR 15.247(d), in addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).		
Test Limit:	Frequency(MHz)	Class B (dBuV/m) (at 3M)	
		PEAK	AVERAGE
	Above 1000	74	54
Test Method:	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.6 KDB 558074 D01 15.247 Meas Guidance v05r02		
Procedure:	ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 section 6.6 Remark: 1. Measurement at a distance of 3 meters. 2. Test the EUT on the lowest, middle, and highest channels. 3. Level= Reading+ Factor, Margin= Level- Limit. 4. All modes' lowest, middle, and highest channels were tested, but only the worst data was recorded in the report.		

10.9.1 Test Setup Diagram:

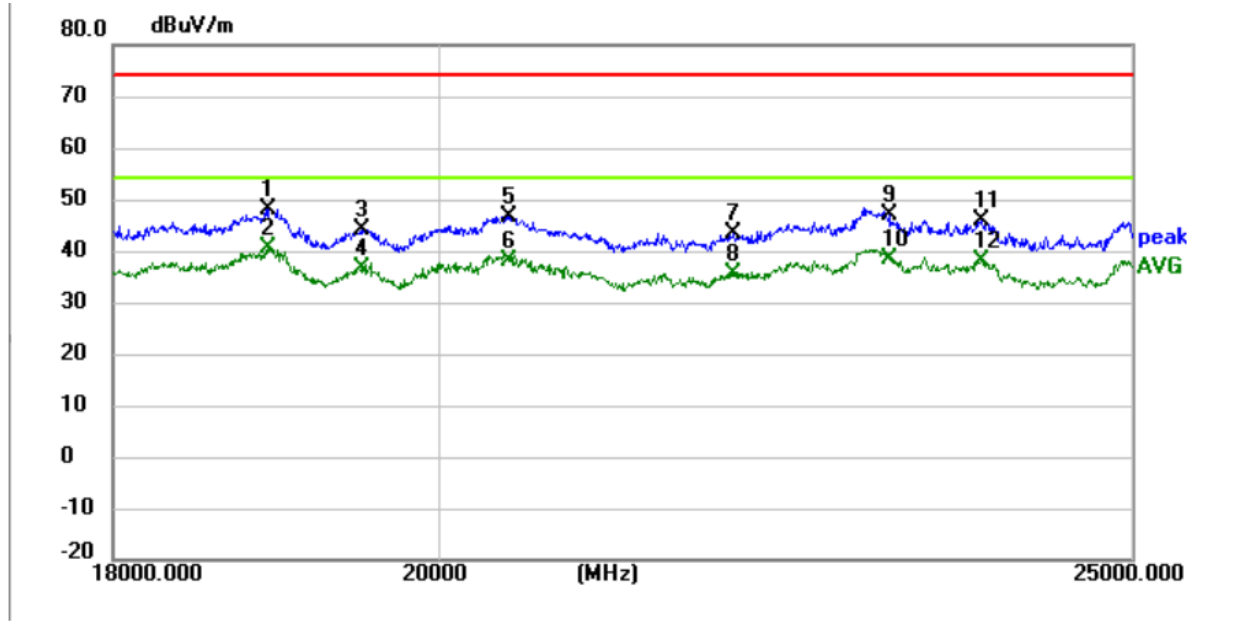


10.9.2 E.U.T. Operation:

Operating Environment:					
Temperature:	22.9 °C	Humidity:	49.6 %	Atmospheric Pressure:	1010 mbar
Per-test mode:	TM1, TM2, TM3, TM4				
Final test mode:	TM1(Low channel)				

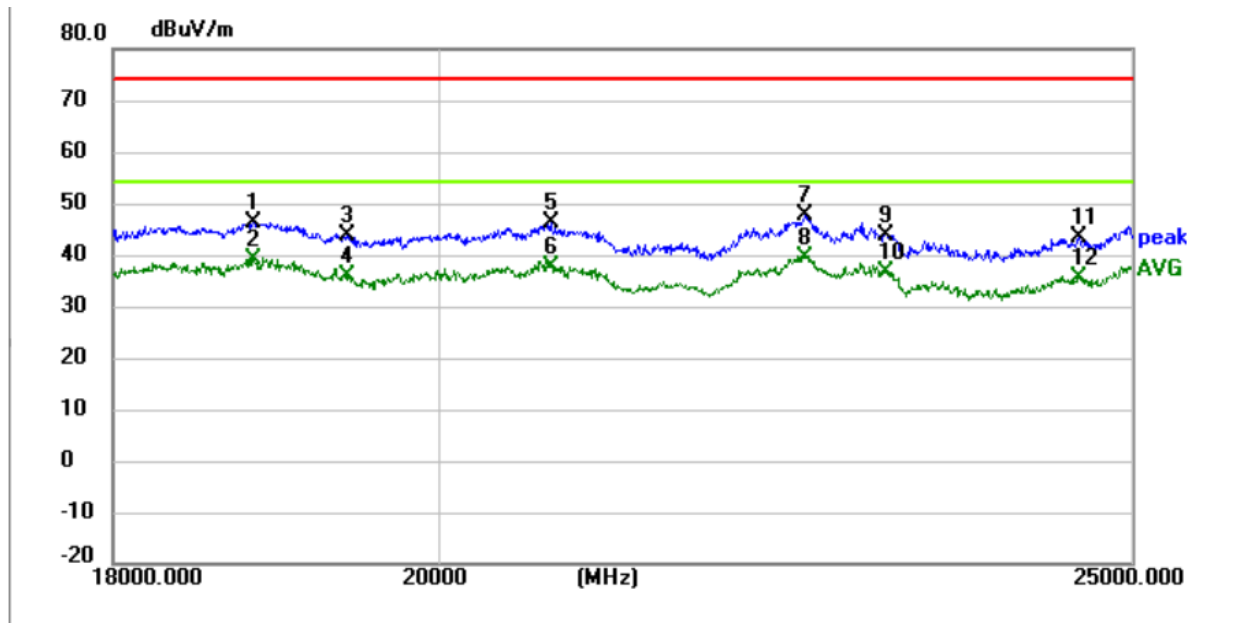
10.9.3 Test Data:

TM1 / Polarization: Horizontal / Band: 2400-2483.5 MHz / BW: 20 / CH: L



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	18928.725	62.30	-14.21	48.09	74.00	-25.91	peak	P	
2 *	18928.725	54.90	-14.21	40.69	54.00	-13.31	AVG	P	
3	19512.525	57.71	-13.45	44.26	74.00	-29.74	peak	P	
4	19512.525	50.03	-13.45	36.58	54.00	-17.42	AVG	P	
5	20454.025	58.94	-12.26	46.68	74.00	-27.32	peak	P	
6	20454.025	50.41	-12.26	38.15	54.00	-15.85	AVG	P	
7	21995.600	55.39	-11.99	43.40	74.00	-30.60	peak	P	
8	21995.600	47.65	-11.99	35.66	54.00	-18.34	AVG	P	

TM1 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 20 / CH: L



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	18838.950	60.70	-14.39	46.31	74.00	-27.69	peak	P	
2	18838.950	53.41	-14.39	39.02	54.00	-14.98	AVG	P	
3	19416.275	57.32	-13.59	43.73	74.00	-30.27	peak	P	
4	19416.275	49.42	-13.59	35.83	54.00	-18.17	AVG	P	
5	20735.600	58.31	-12.13	46.18	74.00	-27.82	peak	P	
6	20735.600	49.83	-12.13	37.70	54.00	-16.30	AVG	P	
7	22499.775	59.03	-11.49	47.54	74.00	-26.46	peak	P	
8 *	22499.775	50.96	-11.49	39.47	54.00	-14.53	AVG	P	

Appendix A

A.1 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.54	0.02	0.12
NVNT	b	2437	Ant1	99.53	0.02	0.12
NVNT	b	2462	Ant1	99.51	0.02	0.12
NVNT	g	2412	Ant1	96.88	0.14	0.73
NVNT	g	2437	Ant1	96.92	0.14	0.74
NVNT	g	2462	Ant1	96.92	0.14	0.74
NVNT	n20	2412	Ant1	96.35	0.16	0.87
NVNT	n20	2437	Ant1	96.35	0.16	0.86
NVNT	n20	2462	Ant1	96.35	0.16	0.87
NVNT	n40	2422	Ant1	93.66	0.28	1.72
NVNT	n40	2437	Ant1	92.05	0.36	1.75
NVNT	n40	2452	Ant1	93.65	0.28	1.72

