

RF Test Report

Applicant : Meter Inc

Product Name : Meter wireless access point

Trade Name : Meter

Model Number : MW08

Applicable Standard : FCC 47 CFR PART 15 SUBPART E
ANSI C63.10:2013

Received Date : Apr. 18, 2023

Test Period : Apr. 19 ~ May 25, 2023

Issued Date : Jun. 17, 2023

Issued by

Eurofins E&E Wireless Taiwan Co., Ltd.
No. 140-1, Changan Street, Bade District,
Taoyuan City 334025, Taiwan (R.O.C.)
Tel : +886-3-2710188 / Fax : +886-3-2710190



Taiwan Accreditation Foundation accreditation number: 1330
Frequency Range : 9 kHz to 40 GHz
Test Firm MRA designation number: TW0010 (Bade test site)
Test Firm MRA designation number: TW0034 (Wugu test site)

Note:

1. The test results are valid only for samples provided by customers and under the test conditions described in this report.
2. This report shall not be reproduced except in full, without the written approval of Eurofins E&E Wireless Taiwan Co., Ltd.
3. The relevant information is provided by customers in this test report. According to the correctness, appropriateness or completeness of the information provided by the customer, if there is any doubt or error in the information which affects the validity of the test results, the laboratory does not take the responsibility.

Revision History

Version	Issued Date	Revisions	Revised By
00	Jun. 17, 2023	Initial Issue	Snow Wang

Verification of Compliance

Applicant : Meter Inc

Product Name : Meter wireless access point

Trade Name : Meter

Model Number : MW08

FCC ID : 2AVVV-MW08

Applicable Standard : FCC 47 CFR PART 15 SUBPART E
ANSI C63.10:2013

Test Result : Complied

Performing Lab. : Eurofins E&E Wireless Taiwan Co., Ltd.
No. 140-1, Changan Street, Bade District,
Taoyuan City 334025, Taiwan (R.O.C.)
Tel : +886-3-2710188 / Fax : +886-3-2710190
Taiwan Accreditation Foundation accreditation number: 1330



Eurofins E&E Wireless Taiwan Co., Ltd. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by Eurofins E&E Wireless Taiwan Co., Ltd. based on interpretations and/or observations of test results. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Approved By : _____

TABLE OF CONTENTS

1	General Information.....	5
1.1.	Summary of Test Result	5
1.2.	Testing Location	6
1.3.	Measurement Uncertainty	6
2	EUT Description.....	7
3	Test Methodology	11
3.1.	Mode of Operation	11
3.2.	EUT Test Step	14
3.3.	Configuration of Test System Details	14
3.4.	Test Instruments.....	16
3.5.	Test Site Environment	18
4	Measurement Procedure	19
4.1.	AC Power Conducted Emission Measurement	19
4.2.	Transmitter Radiated Emissions Measurement.....	21
4.3.	Maximum Conducted Output Power Measurement	26
4.4.	26 dB RF Bandwidth Measurement	27
4.5.	6 dB RF Bandwidth Measurement	28
4.6.	Maximum Power Spectral Density Measurement	29
4.7.	Automatically discontinue transmission.....	31
4.8.	Antenna Requirement	31
5	Test Results	34
5.1.	Conducted Emission	34
5.2.	Radiated Emission Measurement	36
5.3.	Conducted Test Results	230

Appendix A. Test Data

Appendix B. Test Plots

Appendix C. Test Setup Photographs

1 General Information

1.1. Summary of Test Result

Standard	Item	Result	Remark
15.407(b)(9) 15.207	AC Power Conducted Emission	PASS	---
15.407(b) 15.205 / 15.209	Transmitter Radiated Emissions	PASS	---
15.407(a)	Maximum Conducted Output Power	PASS	---
15.407(a)	26 dB RF Bandwidth	Reference	---
15.407(e)	6 dB RF Bandwidth	PASS	---
15.407(a)	Maximum Power Spectral Density	PASS	---
15.407(c)	Automatically discontinue transmission	PASS	---
15.407(a) 15.203	Antenna Requirement	PASS	---

Decision Rule

- ☒ Uncertainty is not included.
- ☐ Uncertainty is included.

Standard	Description
CFR47, Part 15, Subpart C	Intentional Radiators
CFR47, Part 15, Subpart E	Unlicensed National Information Infrastructure Devices
ANSI C63. 10: 2013	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
KDB789033: D02	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
KDB 662911 D01 v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)

1.2. Testing Location

Lab Name: Eurofins E&E Wireless Taiwan Co., Ltd.

Site Address: ☒ No. 140-1, Changan Street, Bade District, Taoyuan City 334025, Taiwan (R.O.C.)

Site Address: ☐ No. 2, Wuquan 5th Rd. Wugu Dist., New Taipei City, Taiwan (R.O.C.)

1.3. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty
Conducted Emission	150 kHz ~ 30 MHz	2.7 dB
Radiated Emission	9 kHz ~ 30 MHz	1.9 dB
	30 MHz ~ 1000 MHz	4.9 dB
	1000 MHz ~ 18000 MHz	5.0 dB
	18000 MHz ~ 26500 MHz	4.4 dB
	26500 MHz ~ 40000 MHz	4.4 dB
Conducted Output Power		1.1 dB
RF Bandwidth		4.7 %
Power Spectral Density		1.1 dB
Frequency Stability		1.3×10^{-7}
Duty Cycle		1.1 %
Time Occupancy		1.5 %

2 EUT Description

Applicant	Meter Inc 548 Market St., PMB 22716, San Francisco, CA 94104				
Product Name	Meter wireless access point				
Trade Name	Meter				
Model Number	MW08				
FCC ID	2AVVV-MW08				
Operate Frequency	Frequency Band		Frequency Range (MHz)	Number of Channels	
	802.11a	U-NII Band 1	5180 – 5240	4	
		U-NII Band 3	5745 – 5825	3	
	802.11n HT20 / 802.11ac VHT20/ 802.11ax HE20	U-NII Band 1	5180 – 5240	4	
		U-NII Band 3	5745 – 5825	3	
	802.11n HT40 / 802.11ac VHT40/ 802.11ax HE40	U-NII Band 1	5190 – 5230	2	
		U-NII Band 3	5755 – 5795	2	
	802.11ac VHT80/ 802.11ax HE80	U-NII Band 1	5210	1	
		U-NII Band 3	5775	1	
Modulation Type	OFDM/OFDMA				
Antenna information	Antenna	Model	Type	Max. Gain (dBi)	
	QCN5054				
	ANT-0 (5G0)	5718A0518300	PIFA Antenna	U-NII Band 1	5.13
				U-NII Band 3	5.19
	ANT-1 (5G1)	5718A0522300	PIFA Antenna	U-NII Band 1	4.26
				U-NII Band 3	3.81
	ANT-2 (5G2)	5718A0521300	PIFA Antenna	U-NII Band 1	5.04
				U-NII Band 3	5.04
	ANT-3 (5G3)	5718A0520300	PIFA Antenna	U-NII Band 1	4.03
				U-NII Band 3	4.56
	QCA9889				
	ANT-0 (Scanning)	5718A0601300	PCB Antenna	U-NII Band 1	6.17
U-NII Band 3				6.17	
Antenna Delivery	Reference section 3.1				
Operate Temp. Range	0 ~ 40 °C				
EUT Power Rating	DC INPUT: 12 V, .2.5 A PoE INPUT: 54 V, 0.6 A				

QCN5054

Frequency Band		RF Output Power (W)
802.11a	U-NII Band 1	0.191
	U-NII Band 3	0.661
802.11n HT20	U-NII Band 1	0.214
	U-NII Band 3	0.652
802.11n HT40	U-NII Band 1	0.294
	U-NII Band 3	0.612
802.11ac VHT20	U-NII Band 1	0.218
	U-NII Band 3	0.662
802.11ac VHT40	U-NII Band 1	0.301
	U-NII Band 3	0.627
802.11ac VHT80	U-NII Band 1	0.121
	U-NII Band 3	0.255
802.11ax HE20	U-NII Band 1	0.222
	U-NII Band 3	0.673
802.11ax HE40	U-NII Band 1	0.306
	U-NII Band 3	0.638
802.11ax HE80	U-NII Band 1	0.124
	U-NII Band 3	0.261

Beamforming on

Frequency Band		RF Output Power (W)
802.11n HT20	U-NII Band 1	0.048
	U-NII Band 3	0.151
802.11n HT40	U-NII Band 1	0.067
	U-NII Band 3	0.135
802.11ac VHT20	U-NII Band 1	0.049
	U-NII Band 3	0.155
802.11ac VHT40	U-NII Band 1	0.069
	U-NII Band 3	0.139
802.11ac VHT80	U-NII Band 1	0.027
	U-NII Band 3	0.060
802.11ax HE20	U-NII Band 1	0.053
	U-NII Band 3	0.165
802.11ax HE40	U-NII Band 1	0.073
	U-NII Band 3	0.149
802.11ax HE80	U-NII Band 1	0.028
	U-NII Band 3	0.064

QCN9889

Frequency Band		RF Output Power (W)
802.11a	U-NII Band 1	0.090
	U-NII Band 3	0.011
802.11n HT20	U-NII Band 1	0.077
	U-NII Band 3	0.012
802.11n HT40	U-NII Band 1	0.043
	U-NII Band 3	0.014
802.11ac VHT20	U-NII Band 1	0.078
	U-NII Band 3	0.012
802.11ac VHT40	U-NII Band 1	0.044
	U-NII Band 3	0.015
802.11ac VHT80	U-NII Band 1	0.010
	U-NII Band 3	0.018

Equipment Type		
Outdoor access point	point-to-point	---
	point-to-multipoint	---
Indoor access point		V
Fixed point-to-point access points		---
Client devices		---

3 Test Methodology

3.1. Mode of Operation

Decision of Test Eurofins has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

QCN5054	
Pre-Test Mode	Final-Test Mode
Transmit Mode	V
802.11a	V
802.11n HT20	
802.11n HT40	
802.11ac VHT20	
802.11ac VHT40	
802.11ac VHT80	
802.11ax HE20	V
802.11ax HE40	V
802.11ax HE80	V

Note 1: Investigation has been done on all the possible configurations for searching the worst cases (HE20/HE40/HE80 covers HT20/HT40/VHT20/VHT40/VHT80). The table is a list of the test modes show in this test report.

Note 2: 802.11 ax only support full RU.

QCA9889	
Pre-Test Mode	Final-Test Mode
Transmit Mode	V
802.11a	V
802.11n HT20	
802.11n HT40	
802.11ac VHT20	V
802.11ac VHT40	V
802.11ac VHT80	V

Note: Investigation has been done on all the possible configurations for searching the worst cases (VHT20/VHT40 covers HT20/HT40). The table is a list of the test modes show in this test report.

Software used to control the EUT for staying in continuous transmitting mode was programmed.

After verification, all tests were carried out with the worst case test modes.

By preliminary testing and verifying three axis (X, Y and Z) position of EUT transmitted status, it was found that "Z axis" position was the worst, then the final test was executed the worst condition and test data were recorded in this report.

QCN5054

Test Mode	ANT-0	ANT-1	ANT-2	ANT-3	ANT-0+1+2+3
802.11a	V	V	V	V	V
802.11n HT20	V	V	V	V	V
802.11n HT40	V	V	V	V	V
802.11ac VHT20	V	V	V	V	V
802.11ac VHT40	V	V	V	V	V
802.11ac VHT80	V	V	V	V	V
802.11ax HE20	V	V	V	V	V
802.11ax HE40	V	V	V	V	V
802.11ax HE80	V	V	V	V	V

Test Mode	Antenna Delivery	Data Rate (Mbps)	Band	Test Channel
802.11a	4TX (CDD)	6	U-NII Band 1	36, 40, 48
			U-NII Band 3	149, 157, 165
802.11n HT20	4TX (CDD/ Beamforming on)	26	U-NII Band 1	36, 40, 48
			U-NII Band 3	149, 157, 165
802.11n HT40	4TX (CDD/ Beamforming on)	54	U-NII Band 1	38, 46
			U-NII Band 3	151, 159
802.11ac VHT20	4TX (CDD/ Beamforming on)	26	U-NII Band 1	36, 40, 48
			U-NII Band 3	149, 157, 165
802.11ac VHT40	4TX (CDD/ Beamforming on)	54	U-NII Band 1	38, 46
			U-NII Band 3	151, 159
802.11ac VHT80	4TX (CDD/ Beamforming on)	117.2	U-NII Band 1	42
			U-NII Band 3	155
802.11ax HE20	4TX (CDD/ Beamforming on)	MCS0	U-NII Band 1	36, 40, 48
			U-NII Band 3	149, 157, 165
802.11ax HE40	4TX (CDD/ Beamforming on)	MCS0	U-NII Band 1	38, 46
			U-NII Band 3	151, 159
802.11ax HE80	4TX (CDD/ Beamforming on)	MCS0	U-NII Band 1	42
			U-NII Band 3	155

QCA9889

Test Mode	ANT-0
802.11a	V
802.11n HT20	V
802.11n HT40	V
802.11ac VHT20	V
802.11ac VHT40	V
802.11ac VHT80	V

Test Mode	Antenna Delivery	Data Rate (Mbps)	Band	Test Channel
802.11a	1TX	6	U-NII Band 1	36, 40, 48
			U-NII Band 3	149, 157, 165
802.11n HT20	1TX	6.5	U-NII Band 1	36, 40, 48
			U-NII Band 3	149, 157, 165
802.11n HT40	1TX	13.5	U-NII Band 1	38, 46
			U-NII Band 3	151, 159
802.11ac VHT20	1TX	6.5	U-NII Band 1	36, 40, 48
			U-NII Band 3	149, 157, 165
802.11ac VHT40	1TX	13.5	U-NII Band 1	38, 46
			U-NII Band 3	151, 159
802.11ac VHT80	1TX	29.3	U-NII Band 1	42
			U-NII Band 3	155

3.2. EUT Test Step

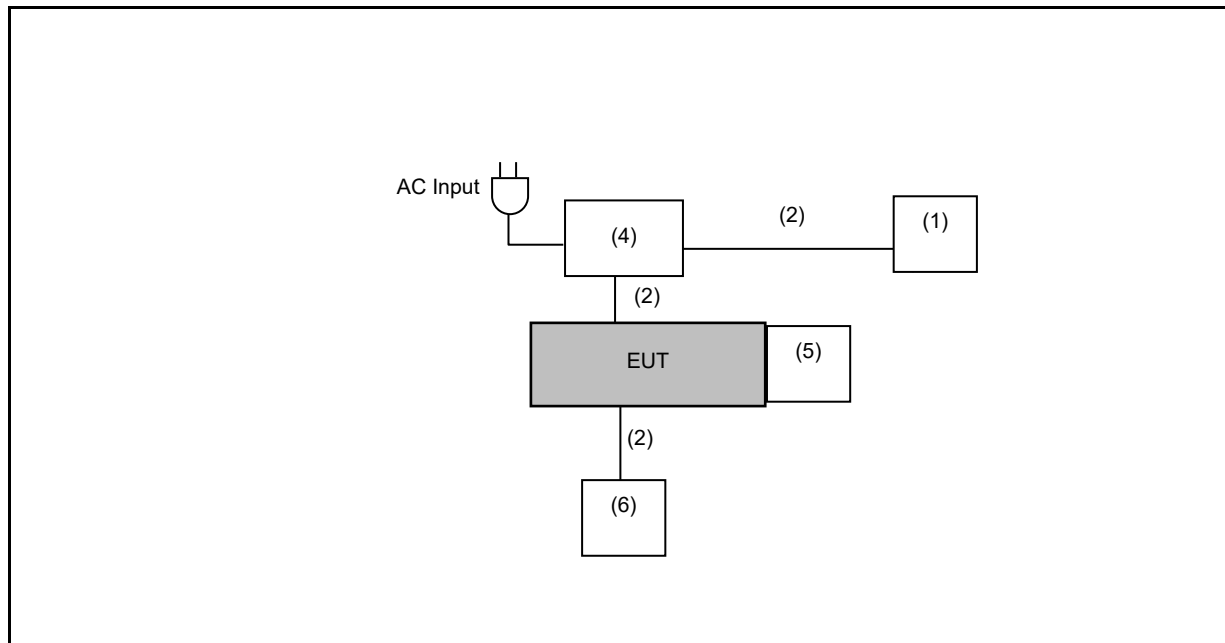
The EUT is operated in the engineering mode to fix the TX frequency for the purposes of measurement.

According to its specifications, the EUT must comply with the requirements of Section 15.407 under the FCC Rules Part 15 Subpart E.

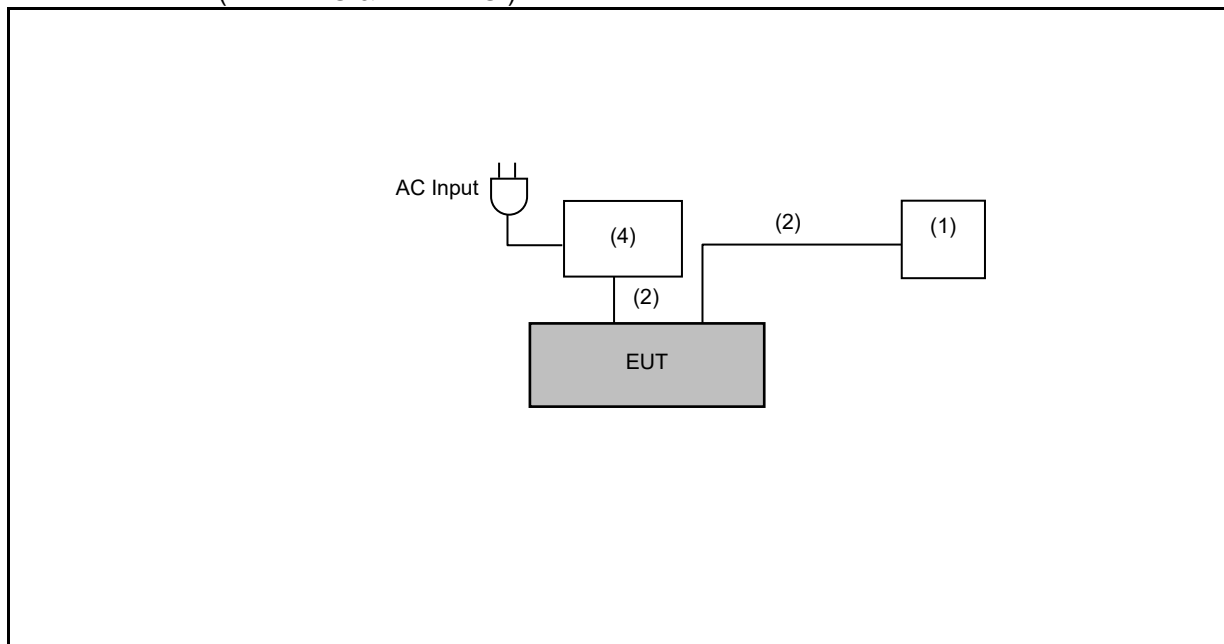
1.	Setup the EUT shown on “Configuration of Test System Details”.
2.	Turn on the power of all equipment.
3.	Turn on TX function.
4.	EUT run test program.

3.3. Configuration of Test System Details

Conducted Emission



Radiated Emission (Below 1G & Above 1G)



	Product	Manufacturer	Model Number	Serial Number	Power Cord
(1)	Notebook	ASUS	P1448U	---	---
(2)	LAN Cable	TATUNG	CAT5E	---	---
(3)	Adapter	SPC	ZZU1588-250120-2A	---	---
(4)	PoE Injector	emplus	EPA5006GAT	---	---
(5)	USB Dongle	ADATA	C906	---	---
(6)	Notebook	ASUS	N19C1	---	---

3.4. Test Instruments

For Conducted Emission

Test Period: May 04, 2023

Testing Engineer: Jayson Hsieh

Test Site		Conduction01-BD				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Test Receiver	R&S	ESCI	100367	May 19, 2022	1 year
☐	Test Receiver	R&S	ESCI	100722	Nov. 02, 2022	1 year
☐	Test Receiver	R&S	ESCI	101000	Nov. 23, 2022	1 year
☒	LISN	R&S	ENV216	101040	Mar. 21, 2023	1 year
☒	LISN	R&S	ENV216	101140	Jan. 12, 2023	1 year
☒	RF Cable	Woken	00100D1380194M	TE-02-03	May 27, 2022	1 year
☒	Software	EZ EMC	1.1.4.3	N/A	N.C.R.	---

For Conducted

Test Period: Apr. 23 ~ May 25, 2023

Testing Engineer: Andy Lu · Brian Lin

Test Site		RF01-BD				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☐	Power Sensor	Anritsu	MA2411B	1126022	Sep. 04, 2022	1 year
☐	Power Meter	Anritsu	ML2495A	1135009	Sep. 04, 2022	1 year
☒	Power Sensor	Agilent	N1921A	MY45241957	Nov. 30, 2022	1 year
☒	Power Meter	Agilent	N1911A	MY45101619	Nov. 30, 2022	1 year
☒	Spectrum Analyzer (10 Hz~26.5 GHz)	Keysight	N9010B	MY59071418	Mar. 20, 2023	1 year
☐	Spectrum Analyzer (9 kHz~26.5 GHz)	Agilent	N9010A	MY48030518	Jul. 21, 2022	1 year
☐	Spectrum Analyzer (20 Hz~26.5 GHz)	Agilent	N9020A	US47520902	Sep. 01, 2022	1 year
☐	Spectrum Analyzer (3 Hz~50 GHz)	Agilent	N9030A	MY53120541	Dec. 29, 2022	1 year
☐	Temperature & Humidity Chamber	TAICHY	MHU-225LA	980729	Mar. 29, 2023	1 year
☐	Signal Generator	Keysight	N5182B	MY53052569	Apr. 17, 2023	1 year
☐	Signal Generator	Keysight	N5182BX07	MY59360221	Apr. 17, 2023	1 year
☐	Bluetooth Tester	R&S	CBT	100350	Mar. 20, 2023	2 years
☐	Wireless Connectivity Tester	R&S	CMW270	102208	Jun. 01, 2022	1 year
☐	Power Supply	KEITHLEY	2303	4045290	Jan. 06, 2023	1 year

Note: N.C.R. = No Calibration Request.

For Radiated Emissions

Test Period: Apr. 19~ May 23, 2023

Testing Engineer: Hung Chou, Kerry Xu, Marc Yeh

Test Site		96603-BD				
Radiation test sites		Semi Anechoic Room				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☐	Spectrum Analyzer (10 Hz~44 GHz)	Keysight	N9010A	MY52221312	Jan. 07, 2023	1 year
☐	Spectrum Analyzer (3 Hz~50 GHz)	Agilent	N9030A	MY53120541	Dec. 29, 2022	1 year
☐	Spectrum Analyzer (2 Hz~50 GHz)	Keysight	N9030B	MY57143537	Apr. 18, 2023	1 year
☒	Spectrum Analyzer (10 Hz~44 GHz)	Keysight	N9020B	MY60112363	Jan. 13, 2023	1 year
☒	Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A11119	Jan. 07, 2023	1 year
☐	Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A10961	Jul. 07, 2022	1 year
☐	Broadband Amplifier (100 kHz~1 GHz)	Titan	T0910E00014330 A1F	001	Jul. 21, 2022	1 year
☐	Amplifier (1 GHz~26.5 GHz)	Agilent	8449B	3008A02237	Oct. 19, 2022	1 year
☒	Broadband Amplifier (1 GHz~26.5 GHz)	Titan	T0912E01263025 A1F	002	Jul. 21, 2022	1 year
☒	Preamplifier (26.5 GHz~40 GHz)	EMCI	EMC2654045	980028	Sep. 02, 2022	1 year
☐	Preamplifier (18 GHz~40 GHz)	EMCI	EMC184045SE	980861	Dec. 15, 2022	1 year
☒	Loop Antenna (9 kHz~30 MHz)	COM-POWER CORPORATION	AL-130	121014	Mar. 23, 2023	1 year
☐	Active Loop Antenna (9 kHz~30 MHz)	Schwarzbeck Mess-Elektronik	FMZB 1513-60	1513-60-031	Feb. 21, 2023	1 year
☒	Trilog Broadband Antenna (30 kHz~1 GHz)	Schwarzbeck Mess-Elektronik	VULB9168	01146	Jul. 22, 2022	1 year
☐	Trilog Broadband Antenna (30 kHz~1 GHz)	Schwarzbeck Mess-Elektronik	VULB9168	416	Dec. 19, 2022	1 year
☐	Broadband Horn Antenna (1 GHz~18 GHz)	Schwarzbeck Mess-Elektronik	9120D	02207	Jul. 13, 2022	1 year
☐	Broadband Horn Antenna (1 GHz~18 GHz)	Schwarzbeck Mess-Elektronik	9120D	9120D-550	Aug. 25, 2022	1 year

Note: N.C.R. = No Calibration Request.

For Radiated Emissions

Test Period: Apr. 19~ May 23, 2023

Testing Engineer: Hung Chou, Kerry Xu, Marc Yeh

Test Site		96603-BD				
Radiation test sites		Semi Anechoic Room				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Broadband Horn Antenna (18 GHz~40 GHz)	Schwarzbeck Mess-Elektronik	9170	9170-320	Aug. 25, 2022	1 year
☐	Horn Antenna (18 GHz~40 GHz)	ETS	3116	00086467	Dec. 05, 2022	1 year
☐	RF Cable	EMCI	EMC104-N-N-6000	TE01-1	Feb. 17, 2023	1 year
☐	Microwave Cable	EMCI	EMC104-SM-SM-13000	170814	Feb. 17, 2023	1 year
☐	Microwave Cable	EMCI	EMC102-KM-KM-14000	151001	Feb. 17, 2023	1 year
☒	Coaxial Cable	Titan	T0710AT327A10A100	J11005	Aug. 04, 2022	1 year
☒	Coaxial Cable	Titan	T0710AT327A10A900	J11004	Aug. 04, 2022	1 year
☒	Coaxial Cable	Titan	CFD400NL-LW	001	Aug. 04, 2022	1 year
☐	Bluetooth Tester	R&S	CBT	100350	Mar. 20, 2023	2 years
☐	Wireless Connectivity Tester	R&S	CMW270	102208	Jun. 01, 2022	1 year
☐	Power Supply	KEITHLEY	2303	4045290	Jan. 06, 2023	1 year
☒	Software	EZ EMC	1.1.4.4	N/A	N.C.R.	---

Note: N.C.R. = No Calibration Request.

3.5. Test Site Environment

Items	Required (IEC 60068-1)	Actual
Temperature (°C)	15-35	20-30
Humidity (%RH)	25-75	45-75

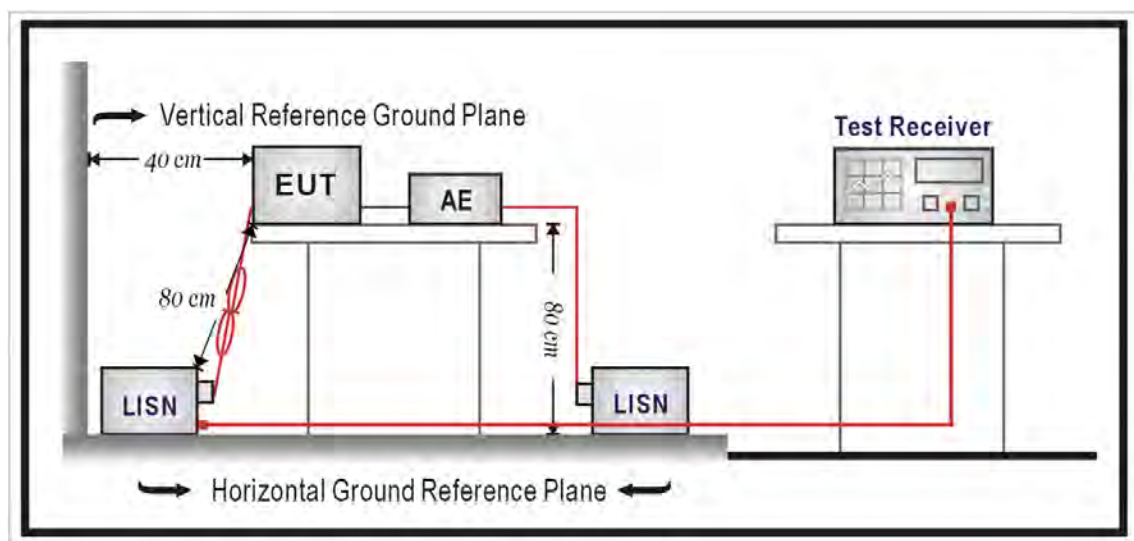
4 Measurement Procedure

4.1. AC Power Conducted Emission Measurement

■ Limit

Frequency (MHz)	Quasi-peak	Average
0.15 - 0.5	66 to 56	56 to 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

■ Test Setup



■ Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a $50\ \Omega // 50\ \mu\text{H}$ coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a $50\ \Omega // 50\ \mu\text{H}$ coupling impedance with 50 ohm termination.

Tabletop device shall be placed on a non-conducting platform, of nominal size 1 m by 1.5 m, raised 80 cm above the reference ground plane. The wall of screened room shall be located 40 cm to the rear of the EUT. Other surfaces of tabletop or floor standing EUT shall be at least 80 cm from any other ground conducting surface including one or more LISNs. For floor-standing device shall be placed under the EUT with a 12 mm insulating material.

Conducted emissions were investigated over the frequency range from 0.15 MHz to 30 MHz using a resolution bandwidth of 9 kHz. The equipment under test (EUT) shall be meet the limits in section 4.1, as applicable, including the average limit and the quasi-peak limit when using respectively, an average detector and quasi-peak detector measured in accordance with the methods described of related standard. When all of peak value were complied with quasi-peak and average limit from 150 kHz to 30 MHz then quasi-peak and average measurement was unnecessary.

The AMN shall be placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for AMNs mounted on top of the ground reference plane. This distance is between the closest points of the AMN and the EUT. All other units of the EUT and associated equipment shall be at least 0.8 m from the AMN. If the mains power cable is longer than 1 m then the cable shall be folded back and forth at the centre of the lead to form a bundle no longer than 0.4 m. All of interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long. All of EUT and AE shall be separate place more than 0.1 m. All 50 Ω ports of the LISN shall be resistively terminated into 50 Ω loads when not connected to the measuring instrument.

If the reading of the measuring receiver shows fluctuations close to the limit, the reading shall be observed for at least 15 s at each measurement frequency; the higher reading shall be recorded with the exception of any brief isolated high reading which shall be ignored

4.2. Transmitter Radiated Emissions Measurement

■ Limit

(1) Undesirable emission limits. Except as shown in paragraph (b)(9) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- (a) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (b) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (c) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (d) For transmitters operating in the 5.725-5.85 GHz band:
 - (i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

EIRP (dBm)	Field Strength at 3 m (dBuV/m)
-27	68.3

(2) Limits of Radiated Emission Measurement

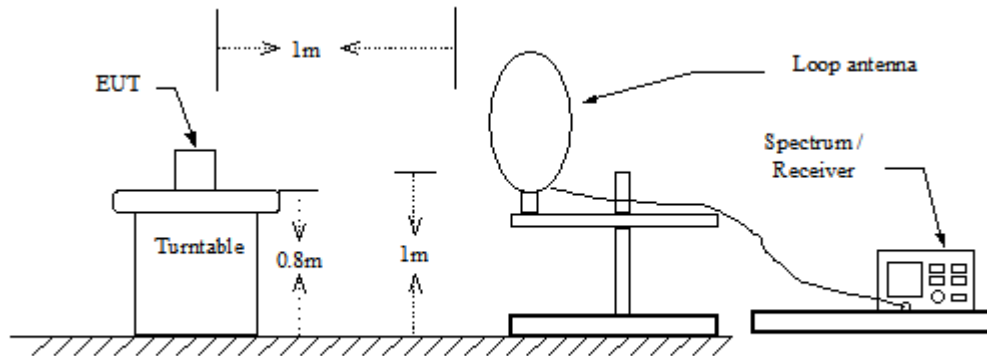
Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

Frequency Range (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	10	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

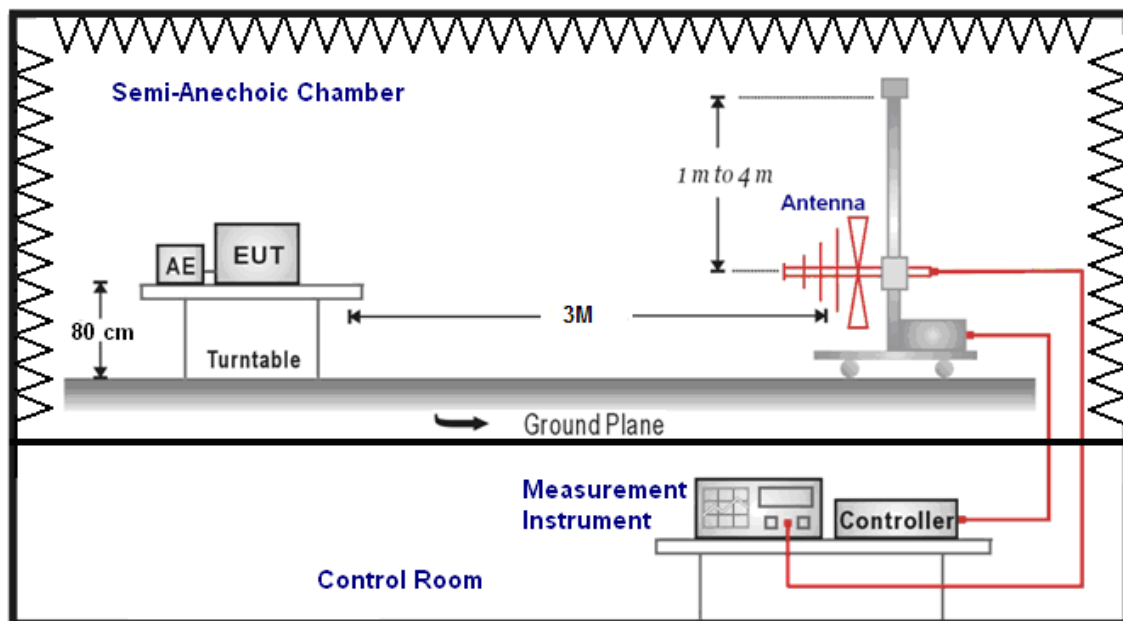
- Note:
- The lower limit shall apply at the transition frequencies.
 - Emission level (dBuV/m) = 20 log Emission level (uV/m).
 - As shown in 15.35(b), for frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

■ Setup

9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



The diagram illustrates a Semi-Anechoic Chamber used for antenna measurements. The chamber's interior walls, floor, and ceiling are lined with pyramidal-shaped electromagnetic absorbers to eliminate reflections. Inside the chamber, a Turntable is positioned on a platform 1.5M above the Ground Plane. On the turntable, an Antenna Element (AE) and a Unit Under Test (EUT) are placed. A horizontal distance of 3M separates the turntable from the measurement area. Two horn antennas are mounted on a vertical mast, with the upper antenna positioned 'Above 1m to 4m' and the lower antenna at a distance of 1m from the ground plane. Red lines indicate the signal path from the antennas to a Measurement Instrument and a Controller located in the Control Room outside the chamber. A label 'Above 1GHz only' points to the ground plane, indicating the frequency range of the setup.

■ Test Procedure

Final radiation measurements were made on a three-meter, Semi Anechoic Chamber. The EUT system was placed on a nonconductive turntable which is 0.8 or 1.5 meters height (below 1 GHz use 0.8 m turntable / above 1 GHz use 1.5 m turntable), top surface 1.0 x 1.5 meter. The spectrum was examined from 250 MHz to 2.5 GHz in order to cover the whole spectrum below 10th harmonic which could generate from the EUT. During the test, EUT was set to transmit continuously & Measurements spectrum range from 9 kHz to 40 GHz is investigated.

For measurements below 30 MHz the resolution bandwidth is set to 10 kHz for peak detection measurements or 9 kHz for quasi-peak detection measurements. The video bandwidth is 3 times of the resolution bandwidth.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For restricted measurements above 1 GHz the resolution bandwidth is set to 1 MHz, and then the video bandwidth is set to 3 MHz for peak measurements and 10 Hz for average measurements when Duty cycle > 0.98 / 1/T for average measurements when Duty cycle < 0.98.

For out of band measurements above 1 GHz the resolution bandwidth is set to 1 MHz, and then the video bandwidth is set to 3 MHz for peak measurements.

A nonconductive material surrounded the EUT to supporting the EUT for standing on three orthogonal planes. At each condition, the EUT was rotated 360 degrees, and the antenna was raised and lowered from one to four meters to find the maximum emission levels. Measurements were taken using both horizontal and vertical antenna polarization. SCHWARZBECK MESS-ELEKTRONIK Trilog-Broadband Antenna at 3 Meter and the ETS-Lindgren Double-Ridged Waveguide Horn antenna Schwarzbeck Mess-Elektronik Broadband Horn Antenna was used in frequencies 1 – 40 GHz at a distance of 3 meter. The antenna at an angle toward the source of the emission. All test results were extrapolated to equivalent signal at 3 meters utilizing an inverse linear distance extrapolation Factor (20 dB/decade).

For testing above 1 GHz, the emission level of the EUT in peak mode was 20 dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

Appropriate preamplifiers were used for improving sensitivity and precautions were taken to avoid overloading or desensitizing the spectrum analyzer. No post – detector video filters were used in the test.

The spectrum analyzer's 6 dB bandwidth was set to 1 MHz, and the analyzer was operated in the peak detection mode, for frequencies both below and up 1 GHz. The average levels were obtained by subtracting the duty cycle correction factor from the peak readings.

The following procedures were used to convert the emission levels measured in decibels referenced to 1 microvolt (dBuV) into field intensity in micro volts per meter (uV/m).

The actual field intensity in decibels referenced to 1 microvolt in to field intensity in micro volts per meter (dBuV/m).

Data of measurement within this frequency range without mark in the table above means the reading of emissions are attenuated more than 20 dB below the permissible limits or the field strength is too small to be measured.

The actual field is intensity in referenced to 1 microvolt per meter (dBuV/m) is determined by algebraically adding the measured reading in dBuV, the antenna factor (dB), and cable loss (dB) and Subtracting the gain of preamplifier (dB) is auto calculate in spectrum analyzer.

$$(1) \text{ Amplitude (dBuV/m) = FI (dBuV) + AF (dBuV) + CL (dBuV) - Gain (dB)}$$

FI= Reading of the field intensity.

AF= Antenna factor.

CL= Cable loss.

P.S Amplitude is auto calculate in spectrum analyzer.

$$(2) \text{ Actual Amplitude (dBuV/m) = Amplitude (dBuV) - Dis(dB)}$$

The FCC specified emission limits were calculated according the EUT operating frequency and by following linear interpolation equations:

(a) For fundamental frequency : Transmitter Output < +30 dBm

(b) For spurious frequency : Spurious emission limits = fundamental emission limit /10

Measuring Instruments and setting

The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	40 GHz
RBW/VBW(Emission in restricted band)	1 MHz / 3 MHz for Peak 1 MHz / (1/T) for Average
RBW/VBW(Emission in non-restricted band)	1 MHz / 3 MHz for Peak

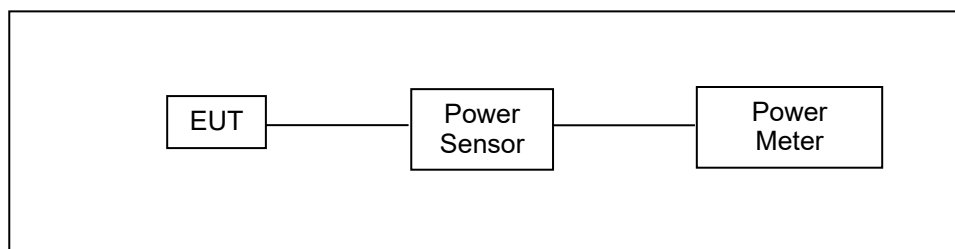
4.3. Maximum Conducted Output Power Measurement

■ Limit

Frequency Range (MHz)	FCC Maximum Conducted Output Power Limit
	Master
5.150 ~ 5.250 GHz	The lesser of 1 W (30 dBm)
5.250 ~ 5.350 GHz	The lesser of 250 mW (24 dBm) or 11 dBm + 10 log (B)
5.470 ~ 5.725 GHz	The lesser of 250 mW (24 dBm) or 11 dBm + 10 log (B)
5.725 ~ 5.850 GHz	The lesser of 1 W (30 dBm)

According FCC KDB 662911 D01 v02r01 – for power measurements on IEEE802.11 devices,

■ Test Setup



■ Test Procedure

The test is performed in accordance with ANSI C63.10:2013 section 12.3.3.2, Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices

Section (E) Maximum Conducted Output Power

3. Measurement using a Power Meter (PM)

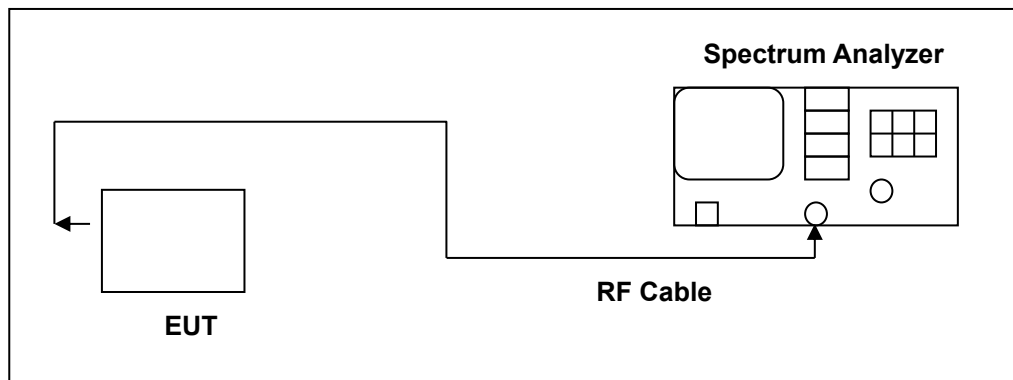
b) Method PM-G (Measurement using a gated RF average power meter)

4.4. 26 dB RF Bandwidth Measurement

■ **Limit**

N/A

■ **Test Setup**



■ **Test Procedure**

The test is performed in accordance with ANSI C63.10:2013 section 12.4.1, Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - Part 15, Subpart E.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	>26 dB Bandwidth
RBW	Approximately 1 % of the emission bandwidth
VBW	VBW > RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

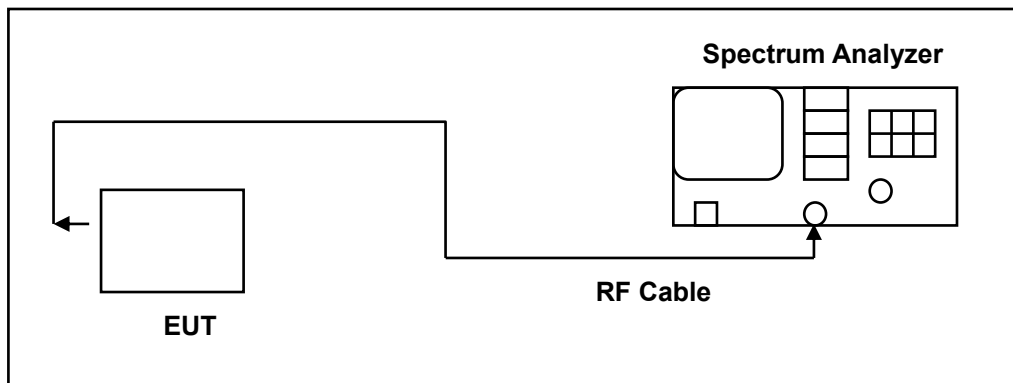
4.5. 6 dB RF Bandwidth Measurement

■ Limit

6 dB RF Bandwidth

Systems using digital modulation techniques may operate in the 5725~5825 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

■ Test Setup



■ Test Procedure

6 dB RF Bandwidth

The EUT tested to UNII test procedure of ANSI C63.10:2013 section 6.9.2 for compliance to FCC 47CFR 15.407 requirements.

The antenna port of the EUT was connected to the input of a spectrum analyzer. Analyzer RES BW was set to 100 kHz. For each RF output channel investigated, the spectrum analyzer center frequency was set to the channel carrier. A peak output reading was taken, a DISPLAY line was drawn 6 dB lower than peak level. The 6 dB bandwidth was determined from where the channel output spectrum intersected the display line.

The test was performed at 3 channels.

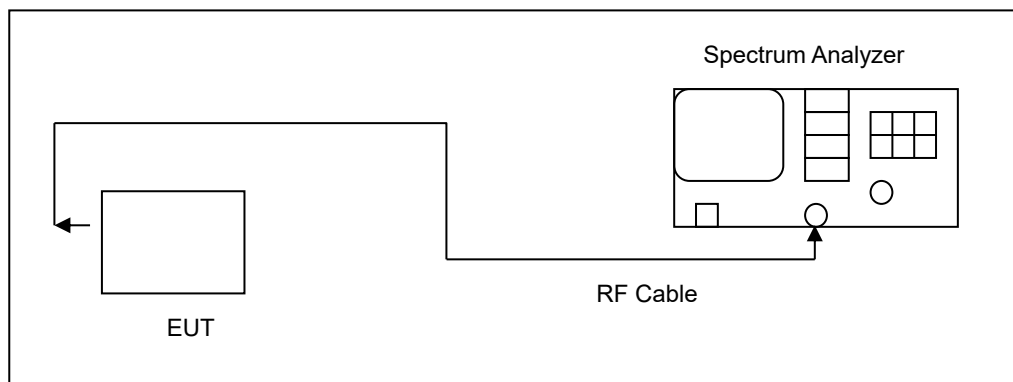
4.6. Maximum Power Spectral Density Measurement

■ Limit

Frequency Range (MHz)	FCC Limit
	Master
5.150 ~ 5.250 GHz	17 dBm/MHz
5.250 ~ 5.350 GHz	11 dBm/MHz
5.470 ~ 5.725 GHz	11 dBm/MHz
5.725 ~ 5.850 GHz	30 dBm/500 kHz

According FCC KDB 662911 D01 v02r01 – for power spectral density measurements on IEEE802.11 devices,

■ Test Setup



■ Test Procedure

The test is performed in accordance with ANSI C63.10:2013 section 12.5, Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - Part 15, Subpart E.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	1 MHz (5725 ~ 5850 MHz use 100 kHz)
VBW	3 MHz (5725 ~ 5850 MHz use 300 kHz)
Detector	RMS
Trace	AVERAGE
Sweep Time	Auto
Trace Average	100 times
Note: If measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10 \log(500 \text{ kHz}/100 \text{ kHz})$ to the measured result.	

4.7. Automatically discontinue transmission

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

■ Declare

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving.

The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

4.8. Antenna Requirement

■ Requirement

For intentional device, according to 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.

And According to 15.407 (a), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

■ Antenna Connector Construction

See section 2 – antenna information.

■ Directional Gain Calculated

QCN5054										
Test mode	Band	Transmission Type	Antenna				Directional Gain	Directional Gain	Power	PSD
							for	for	Limit	Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Power	PSD	Reduction	Reduction
			(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
802.11a	Band 1	CDD	5.13	4.26	5.04	4.03	5.13	10.65	0.00	4.65
	Band 3		5.19	3.81	5.04	4.56	5.19	10.69	0.00	4.69
802.11n HT20 802.11n HT40 802.11ac VHT20 802.11ac VHT40 802.11ac VHT80 802.11ax HE20 802.11ax HE40 802.11ax HE80	Band 1	CDD	5.13	4.26	5.04	4.03	5.13	10.65	0.00	4.65
Band 3	5.19		3.81	5.04	4.56	5.19	10.69	0.00	4.69	
If transmit signals are correlated, then Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$										
If all transmit signals are completely uncorrelated, then Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/NANT]$										

Beamforming on										
Test mode	Band	Transmission Type	Antenna				Directional Gain	Directional Gain	Power	PSD
							for	for	Limit	Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Power	PSD	Reduction	Reduction
			(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
802.11n HT20 802.11n HT40 802.11ac VHT20 802.11ac VHT40 802.11ac VHT80 802.11ax HE20 802.11ax HE40 802.11ax HE80	Band 1	MIMO	5.13	4.26	5.04	4.03	10.65	10.65	4.65	4.65
Band 3	5.19		3.81	5.04	4.56	10.69	10.69	4.69	4.69	
If transmit signals are correlated, then Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$										
If all transmit signals are completely uncorrelated, then Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/NANT]$										

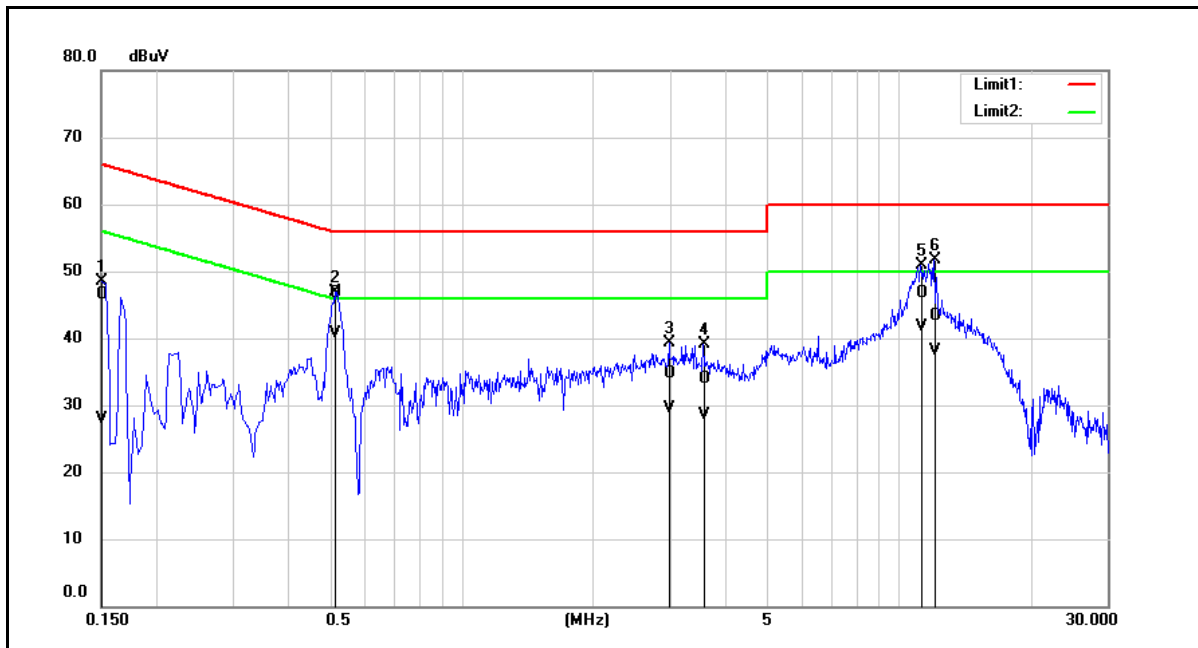
QCA9889

Test mode	Band	Transmission Type	Antenna				Directional Gain	Directional Gain	Power	PSD
							for	for	Limit	Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Power	PSD	Reduction	Reduction
			(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
802.11a	Band 1	CDD	6.17	-	-	-	6.17	6.17	0.17	0.17
	Band 3		6.17	-	-	-	6.17	6.17	0.17	0.17
802.11n HT20 802.11n HT40 802.11ac VHT20 802.11ac VHT40 802.11ac VHT80	Band 1	CDD	6.17	-	-	-	6.17	6.17	0.17	0.17
	Band 3		6.17	-	-	-	6.17	6.17	0.17	0.17
			6.17	-	-	-	6.17	6.17	0.17	0.17
			6.17	-	-	-	6.17	6.17	0.17	0.17
If transmit signals are correlated, then Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$										
If all transmit signals are completely uncorrelated, then Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/NANT]$										

5 Test Results

5.1. Conducted Emission

Standard:	FCC Part 15.407	Line:	L1
Test item:	Conducted Emission	Power:	AC 120 V/60 Hz
Test Mode:	Transmit mode		
Description:	PoE Injector		

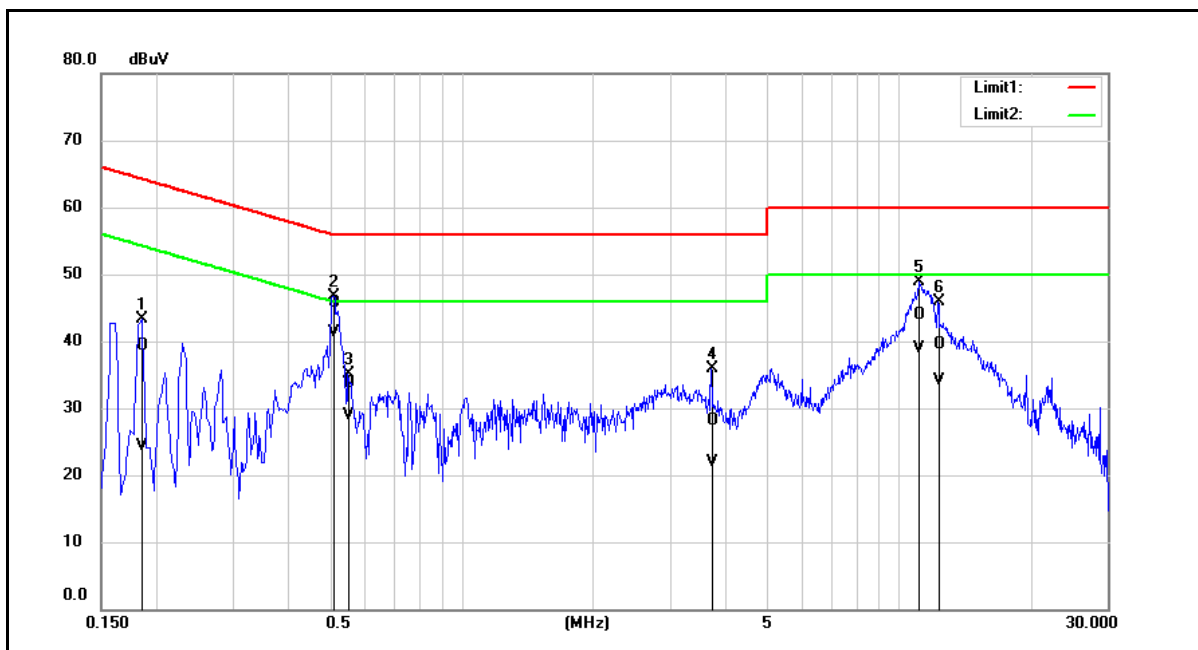


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1500	36.92	18.36	9.58	46.50	27.94	66.00	56.00	-19.50	-28.06	Pass
2	0.5140	37.05	31.05	9.59	46.64	40.64	56.00	46.00	-9.36	-5.36	Pass
3	2.9900	24.94	19.87	9.69	34.63	29.56	56.00	46.00	-21.37	-16.44	Pass
4	3.5820	24.24	18.86	9.71	33.95	28.57	56.00	46.00	-22.05	-17.43	Pass
5	11.2140	36.78	31.83	9.90	46.68	41.73	60.00	50.00	-13.32	-8.27	Pass
6	12.0260	33.28	28.25	9.93	43.21	38.18	60.00	50.00	-16.79	-11.82	Pass

Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB) = Cable loss (dB) + L.I.S.N. factor (dB).

Standard:	FCC Part 15.407	Line:	N
Test item:	Conducted Emission	Power:	AC 120 V/60 Hz
Test Mode:	Transmit mode		
Description:	PoE Injector		



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1860	29.82	14.69	9.58	39.40	24.27	64.21	54.21	-24.81	-29.94	Pass
2	0.5100	36.07	31.74	9.59	45.66	41.33	56.00	46.00	-10.34	-4.67	Pass
3	0.5500	24.02	19.30	9.59	33.61	28.89	56.00	46.00	-22.39	-17.11	Pass
4	3.7260	18.37	12.19	9.71	28.08	21.90	56.00	46.00	-27.92	-24.10	Pass
5	11.0860	34.08	29.02	9.90	43.98	38.92	60.00	50.00	-16.02	-11.08	Pass
6	12.2660	29.56	24.21	9.94	39.50	34.15	60.00	50.00	-20.50	-15.85	Pass

Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

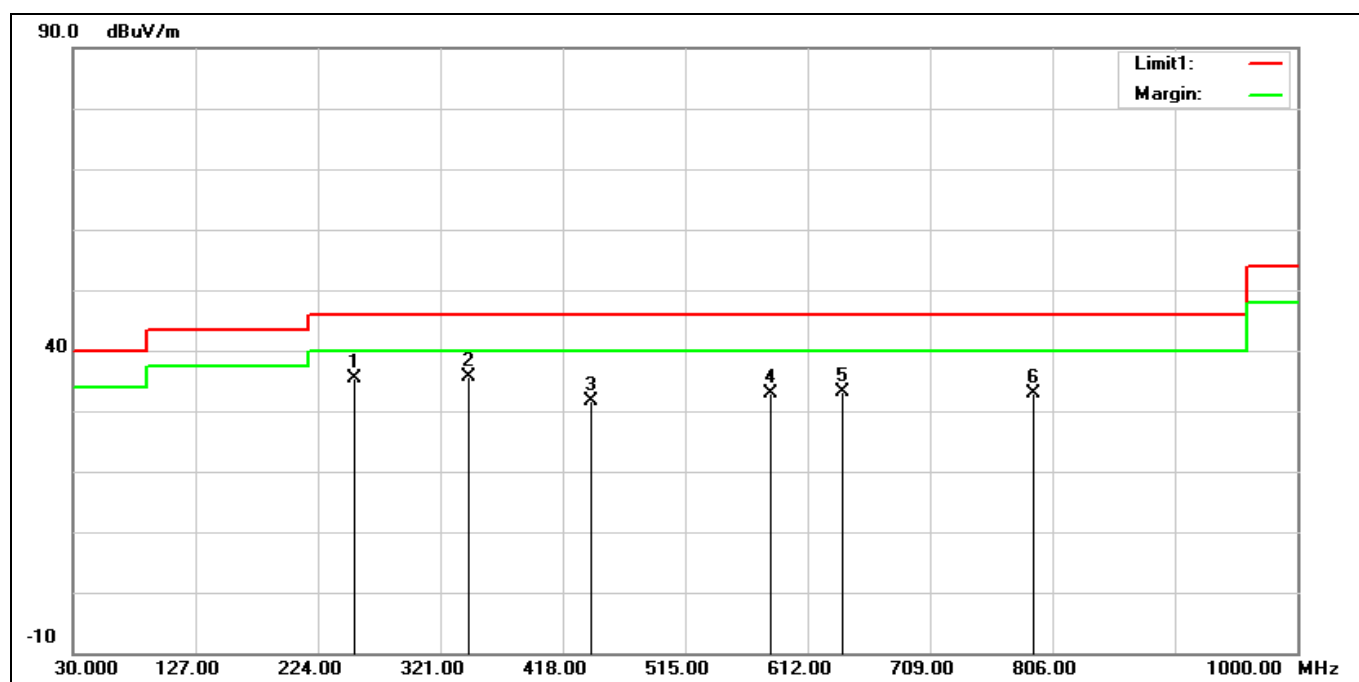
2. Correction factor (dB) = Cable loss (dB) + L.I.S.N. factor (dB).

5.2. Radiated Emission Measurement

QCN5054

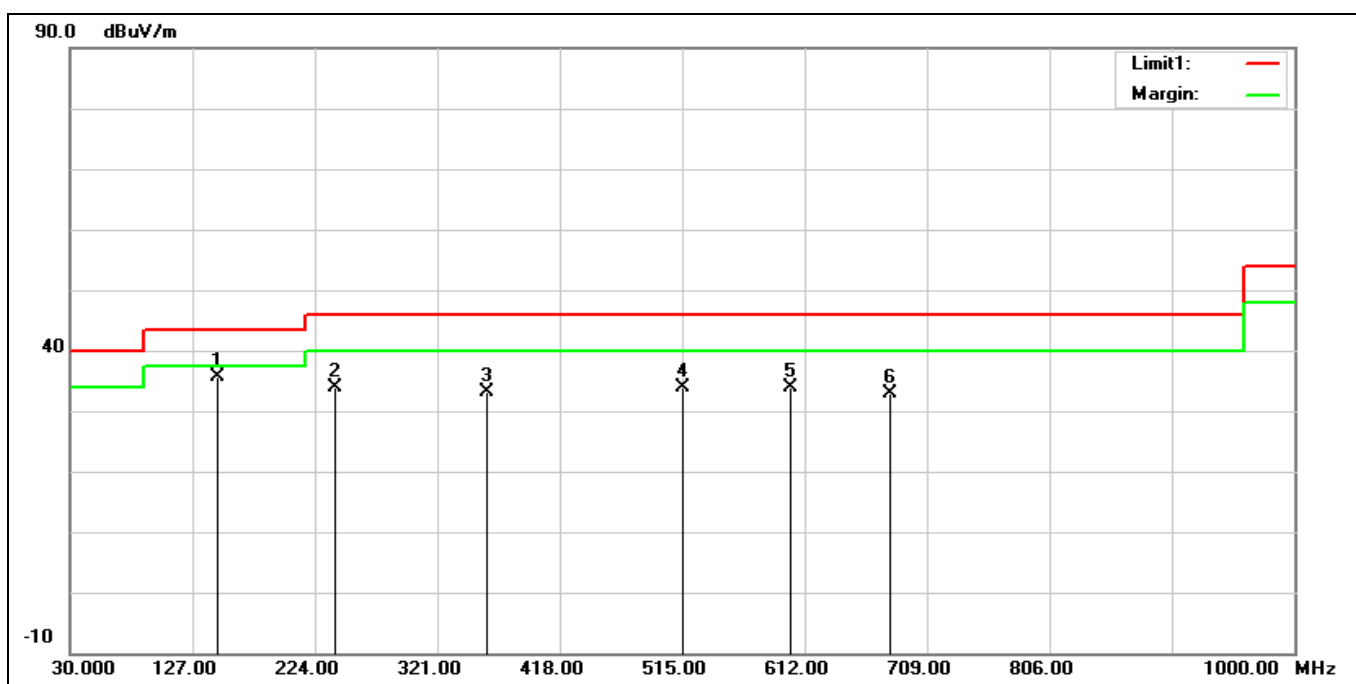
Below 1 GHz

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE20 5180 MHz		
Remark:			



No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	253.1000	42.55	-7.25	35.30	46.00	-10.70	QP
2*	343.3100	40.54	-4.89	35.65	46.00	-10.35	QP
3	440.3100	34.49	-2.79	31.70	46.00	-14.30	QP
4	582.9000	32.99	-0.20	32.79	46.00	-13.21	QP
5	640.1300	32.85	0.38	33.23	46.00	-12.77	QP
6	790.4800	29.21	3.56	32.77	46.00	-13.23	QP

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE20 5180 MHz		
Remark:			

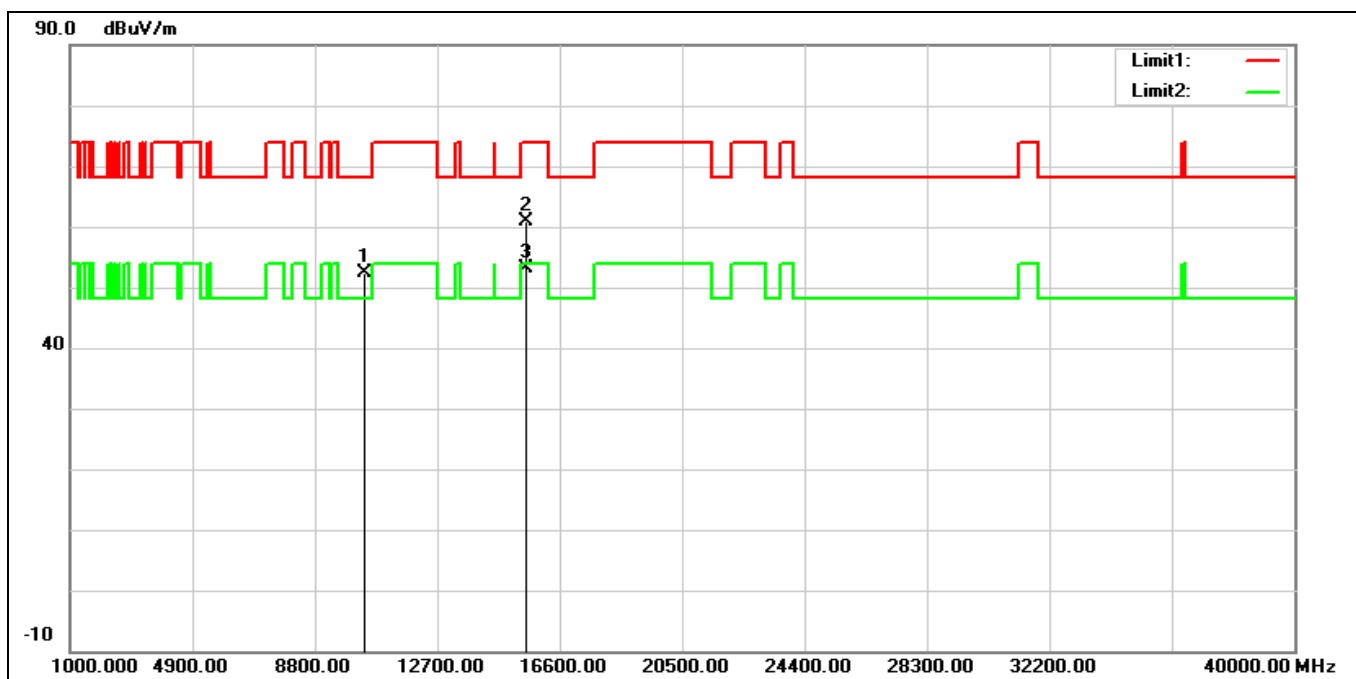


No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	147.3700	42.96	-7.24	35.72	43.50	-7.78	QP
2	240.4900	41.62	-7.65	33.97	46.00	-12.03	QP
3	359.8000	37.57	-4.54	33.03	46.00	-12.97	QP
4	515.0000	35.67	-1.68	33.99	46.00	-12.01	QP
5	601.3300	33.58	0.24	33.82	46.00	-12.18	QP
6	679.9000	31.83	1.13	32.96	46.00	-13.04	QP

Harmonic

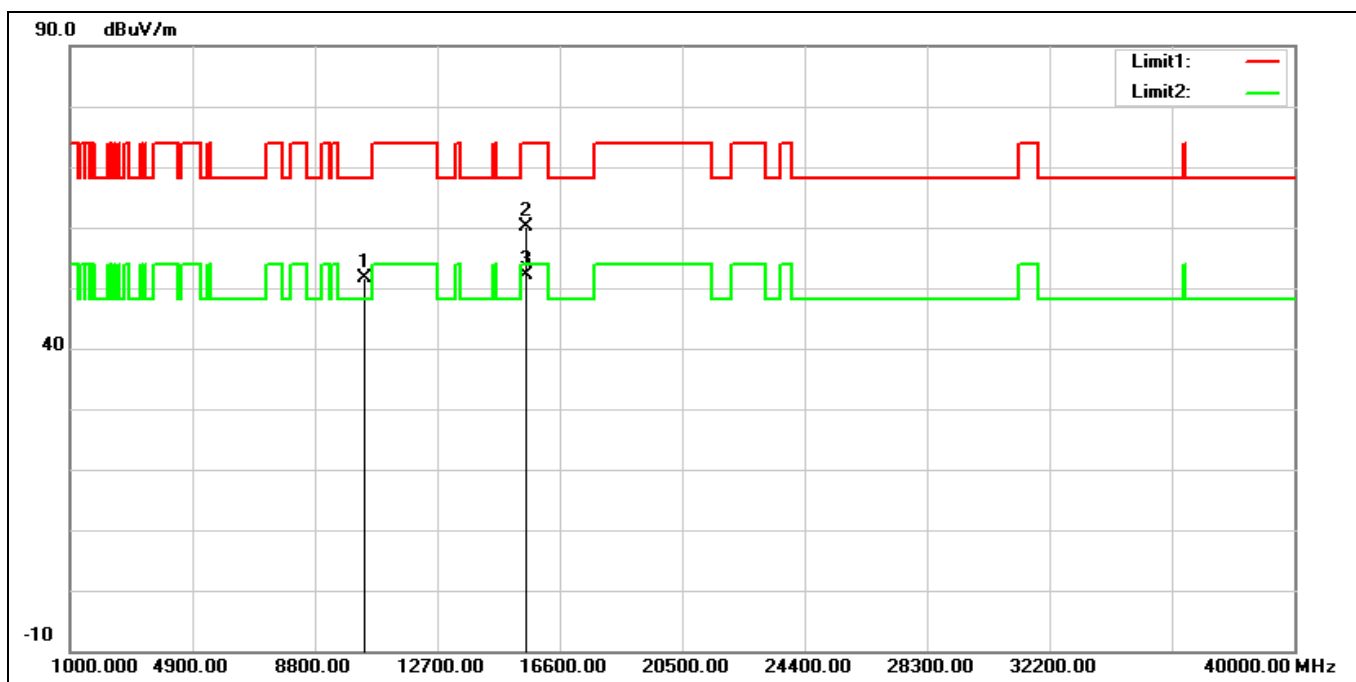
Above 1 GHz

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5180 MHz		
Remark:			



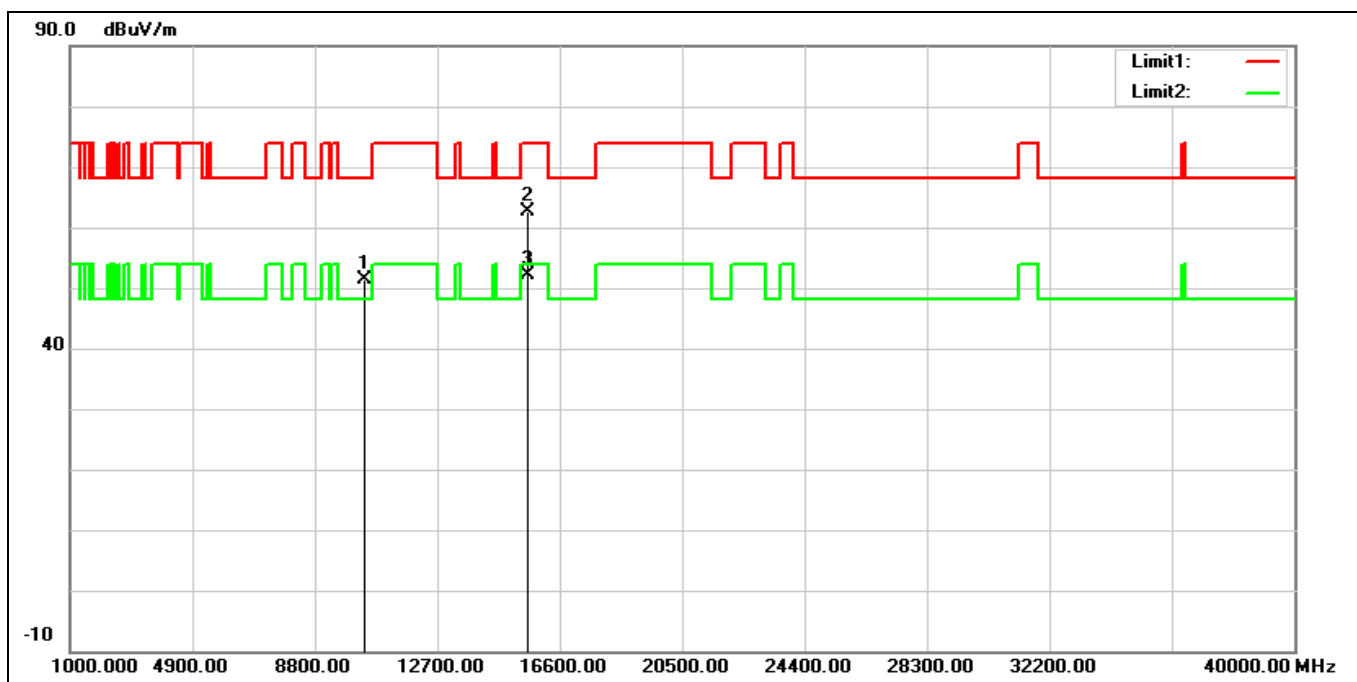
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	38.39	13.99	52.38	68.20	-15.82	peak
2	15540.000	43.53	17.31	60.84	74.00	-13.16	peak
3*	15540.000	35.73	17.31	53.04	54.00	-0.96	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5180 MHz		
Remark:			



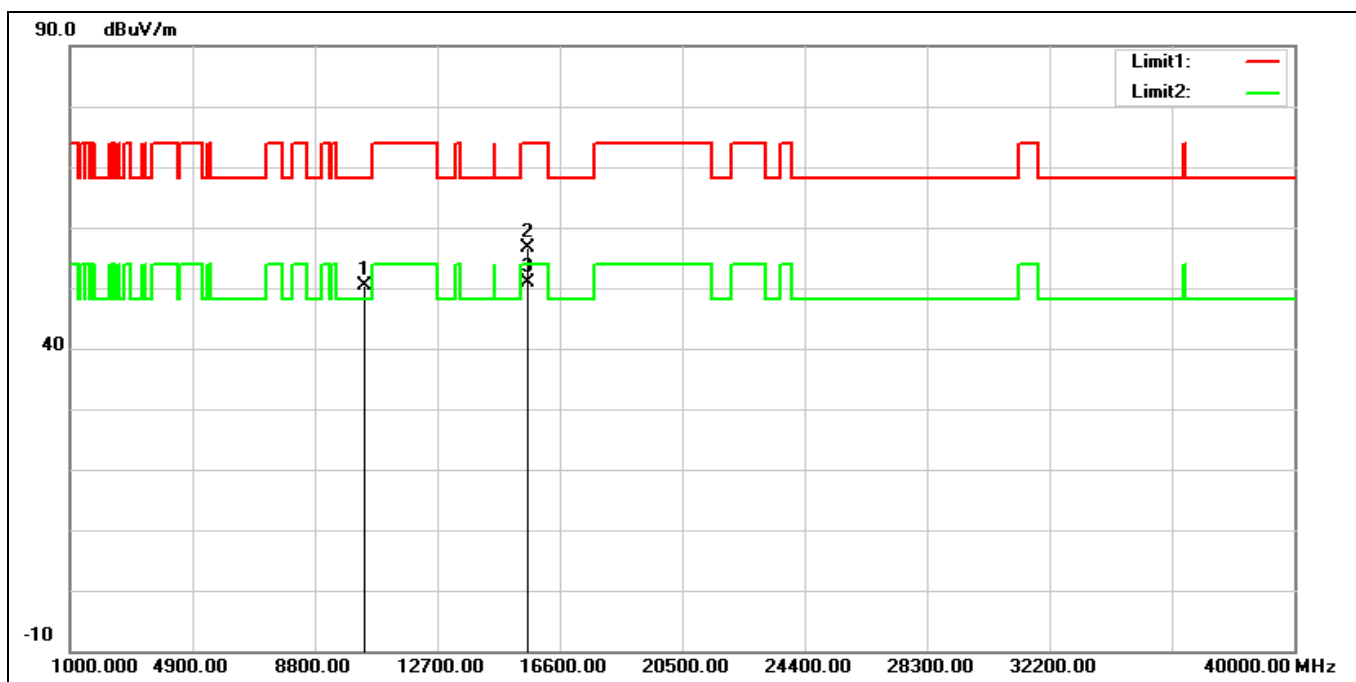
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	37.53	13.99	51.52	68.20	-16.68	peak
2	15540.000	42.81	17.31	60.12	74.00	-13.88	peak
3*	15540.000	34.76	17.31	52.07	54.00	-1.93	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5200 MHz		
Remark:			



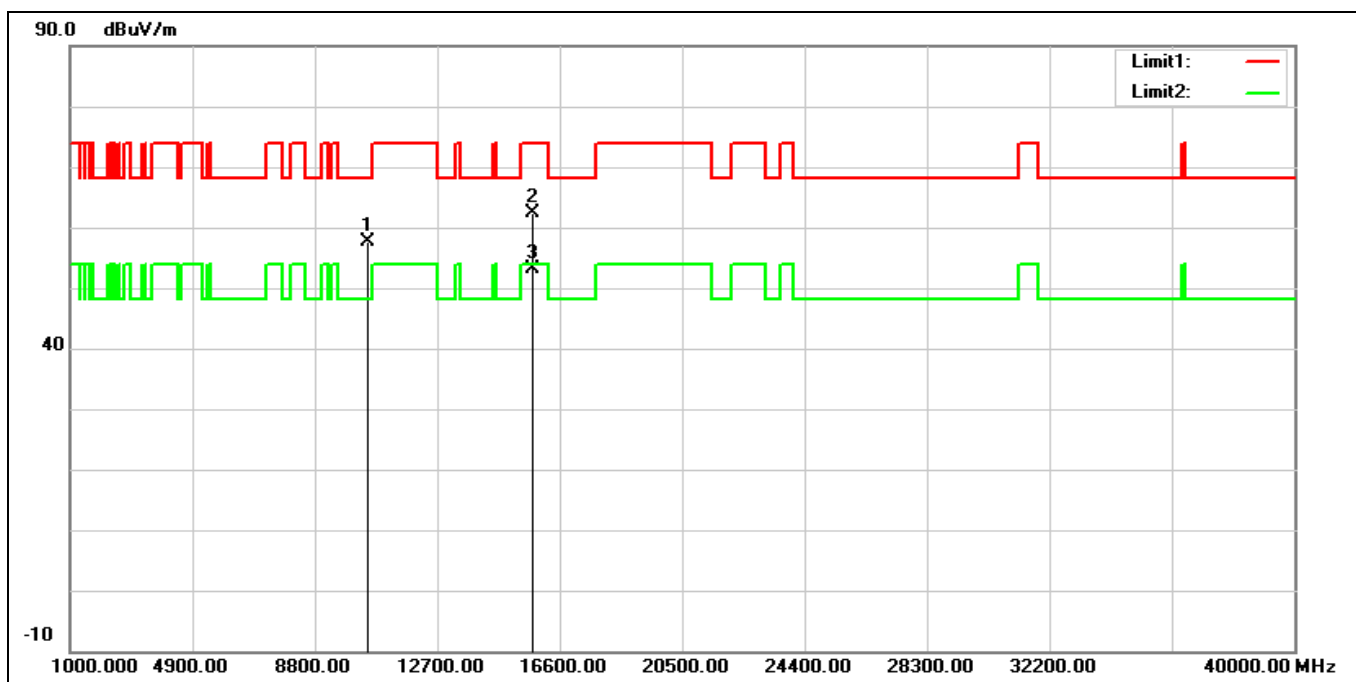
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	37.18	14.10	51.28	68.20	-16.92	peak
2	15600.000	45.55	17.01	62.56	74.00	-11.44	peak
3*	15600.000	35.11	17.01	52.12	54.00	-1.88	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5200 MHz		
Remark:			



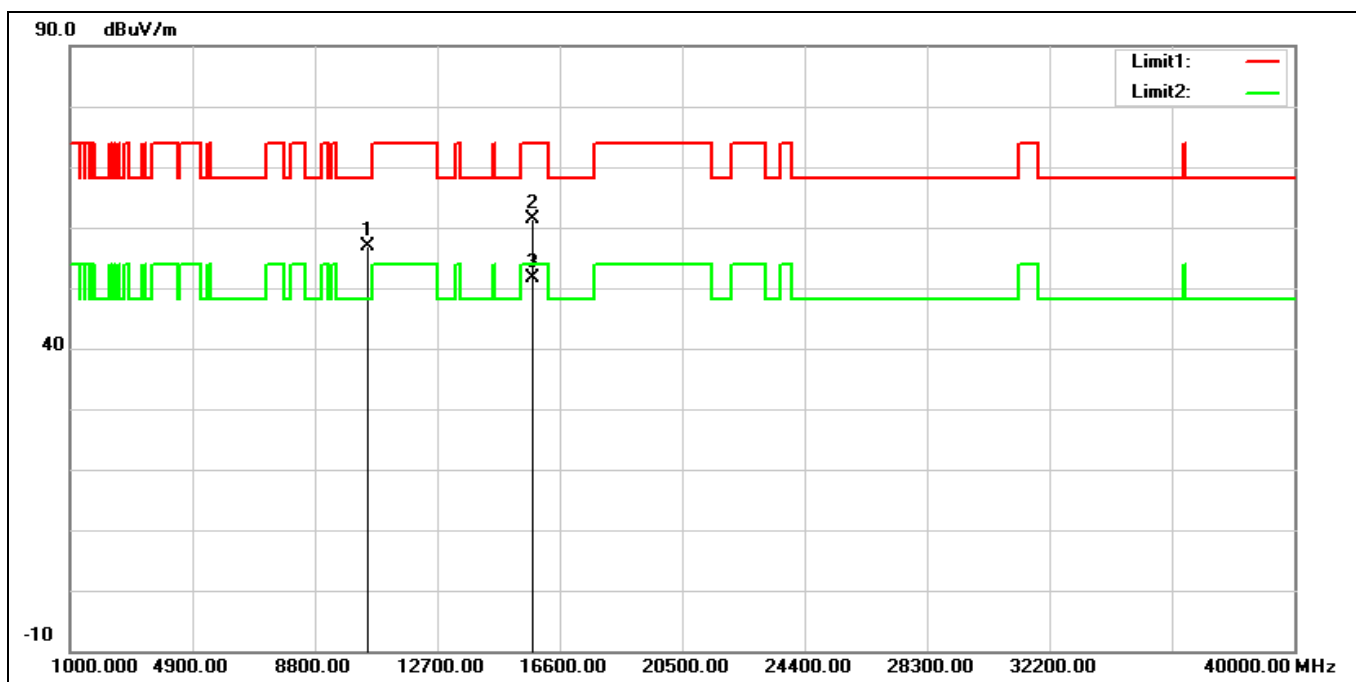
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	36.38	14.10	50.48	68.20	-17.72	peak
2	15600.000	39.65	17.01	56.66	74.00	-17.34	peak
3*	15600.000	33.76	17.01	50.77	54.00	-3.23	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5240 MHz		
Remark:			



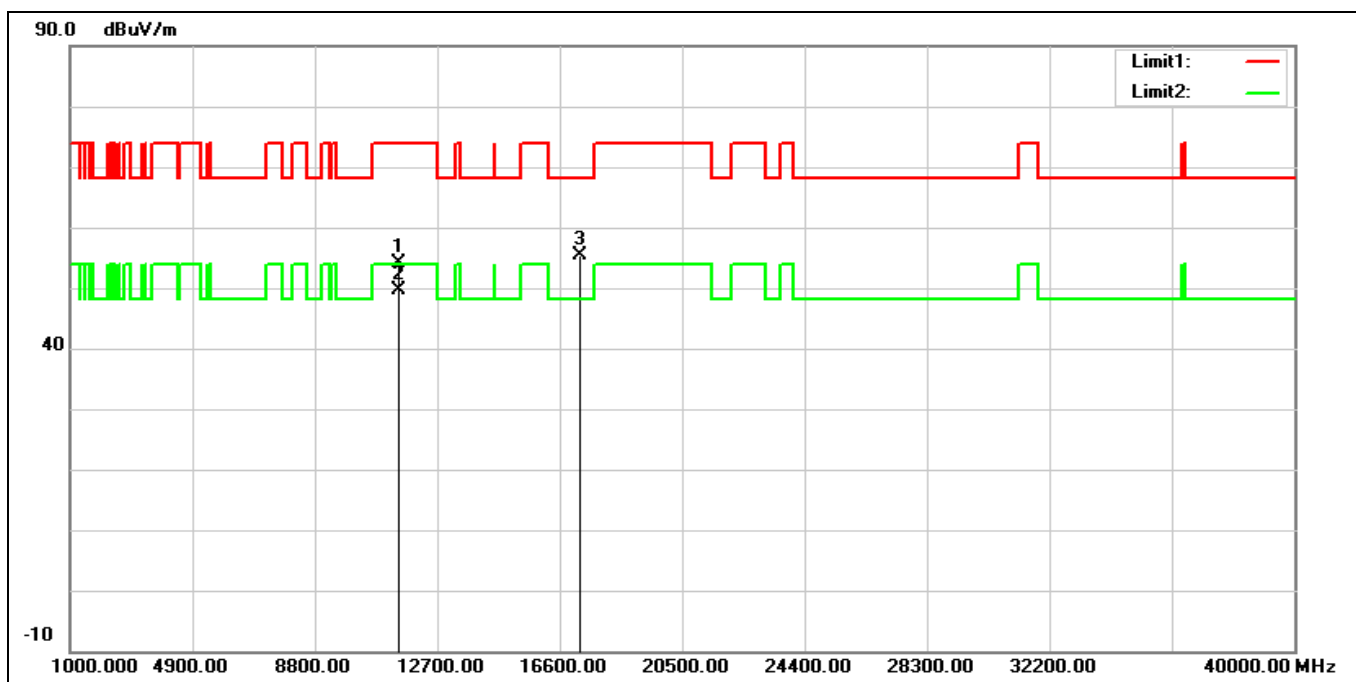
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	43.00	14.54	57.54	68.20	-10.66	peak
2	15720.000	45.12	17.34	62.46	74.00	-11.54	peak
3*	15720.000	35.91	17.34	53.25	54.00	-0.75	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5240 MHz		
Remark:			



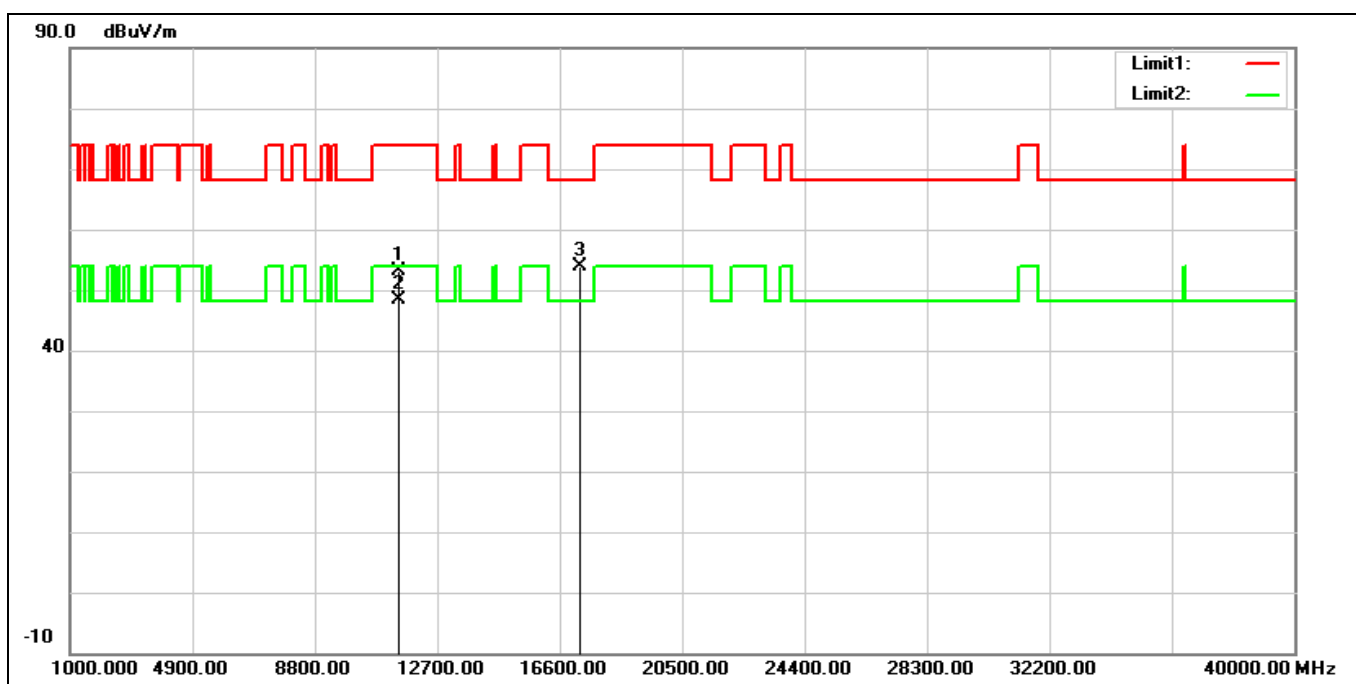
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	42.35	14.54	56.89	68.20	-11.31	peak
2	15720.000	44.08	17.34	61.42	74.00	-12.58	peak
3*	15720.000	34.33	17.34	51.67	54.00	-2.33	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5745 MHz		
Remark:			



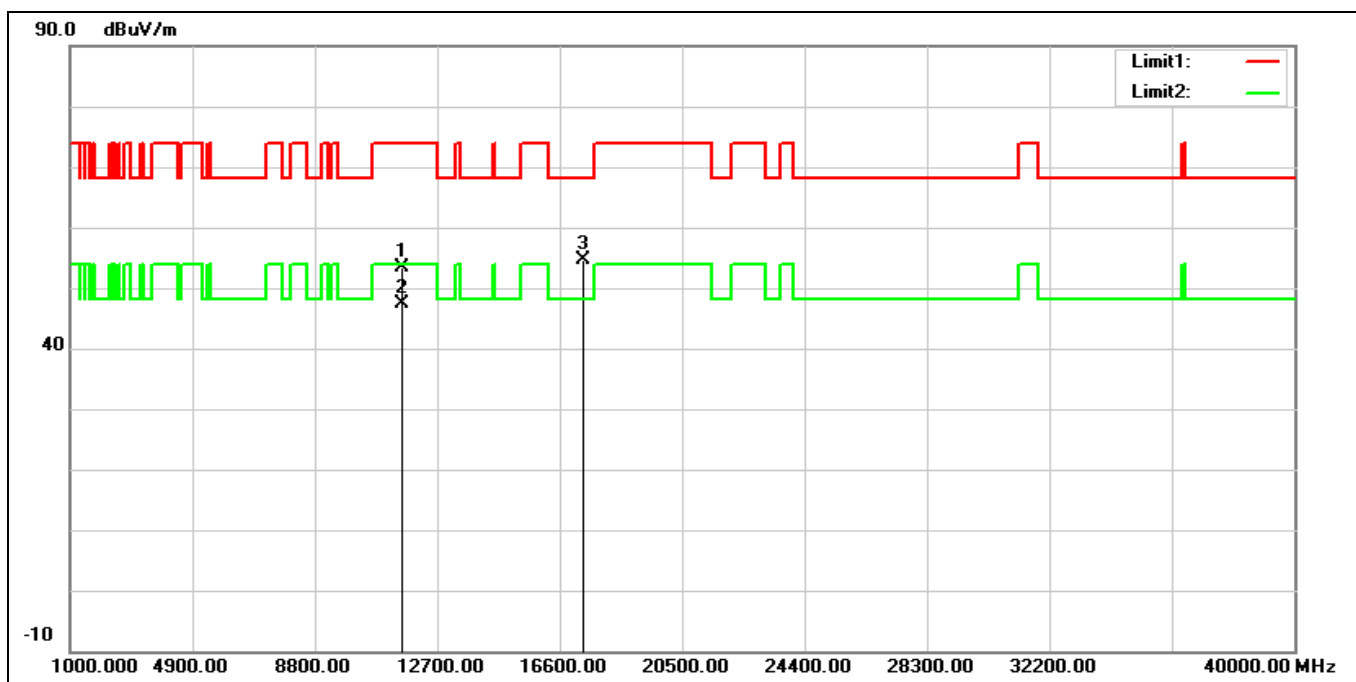
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	38.78	15.42	54.20	74.00	-19.80	peak
2*	11490.000	34.09	15.42	49.51	54.00	-4.49	AVG
3	17235.000	33.47	22.01	55.48	68.20	-12.72	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5745 MHz		
Remark:			



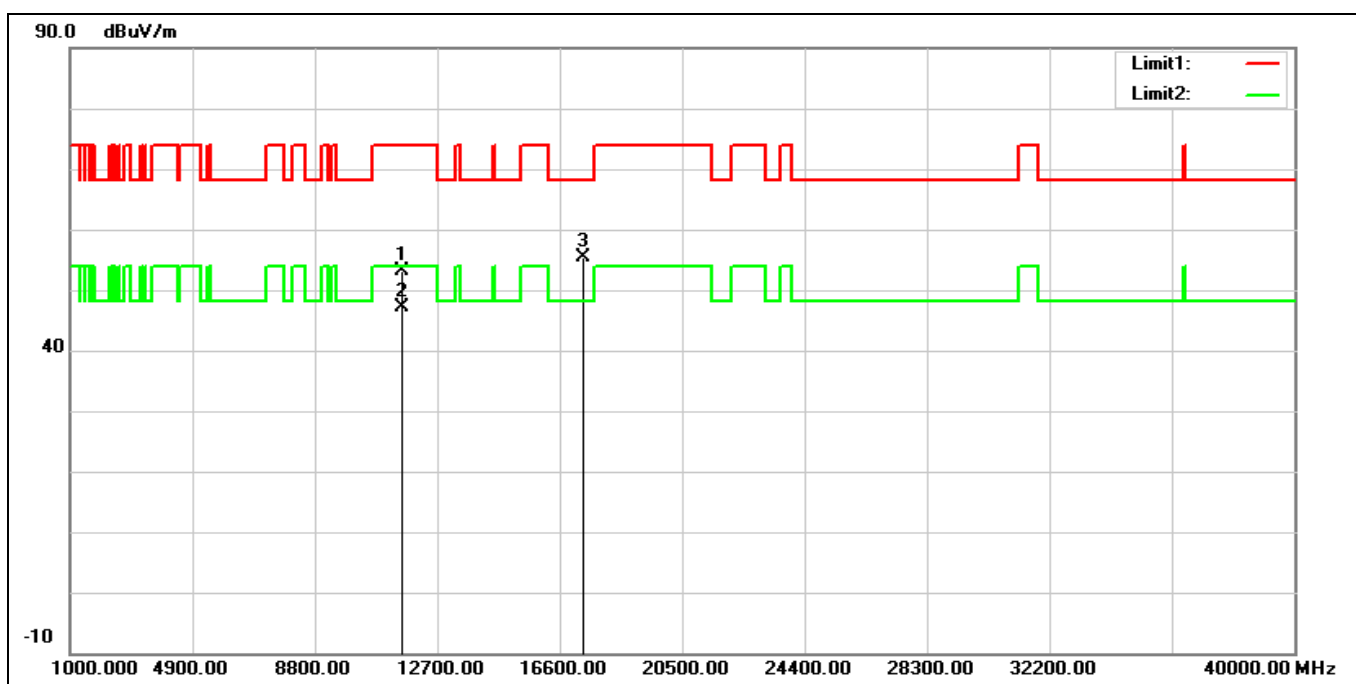
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11489.000	37.67	15.42	53.09	74.00	-20.91	peak
2*	11489.000	32.90	15.42	48.32	54.00	-5.68	AVG
3	17235.000	31.89	22.01	53.90	68.20	-14.30	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5785 MHz		
Remark:			



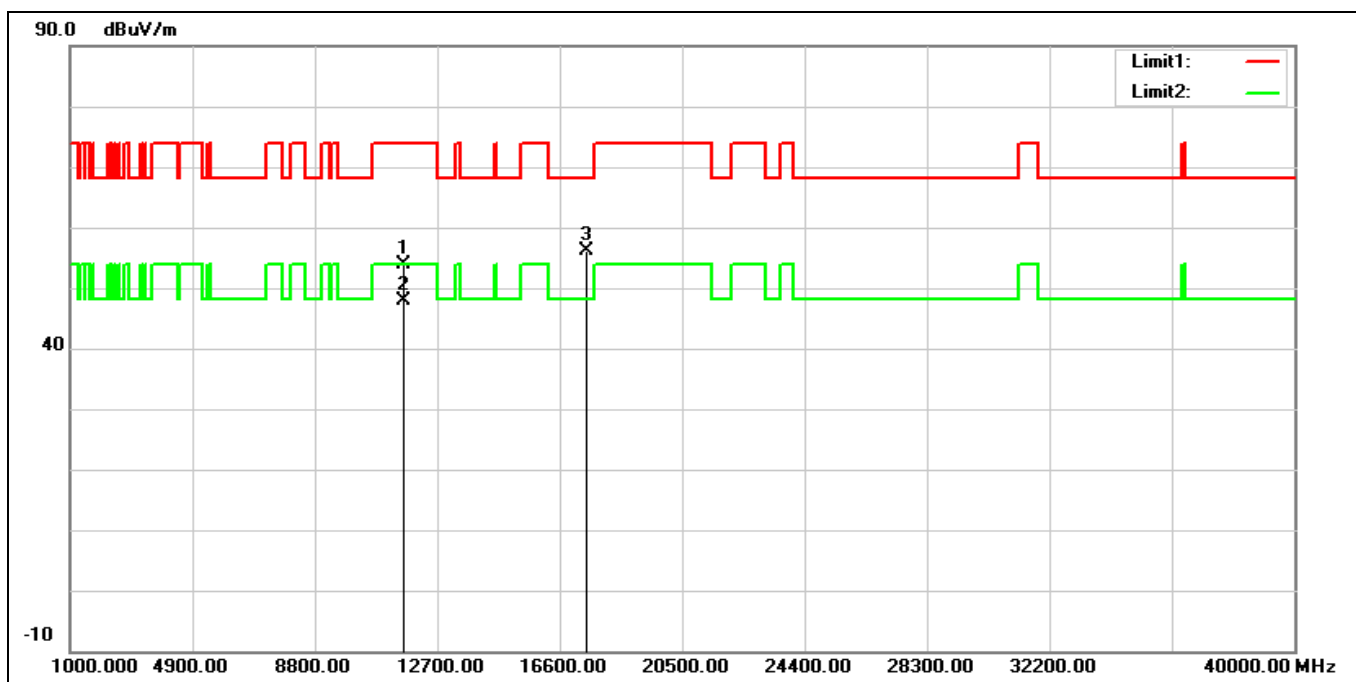
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	38.27	15.21	53.48	74.00	-20.52	peak
2*	11570.000	32.22	15.21	47.43	54.00	-6.57	AVG
3	17355.000	31.63	22.96	54.59	68.20	-13.61	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5785 MHz		
Remark:			



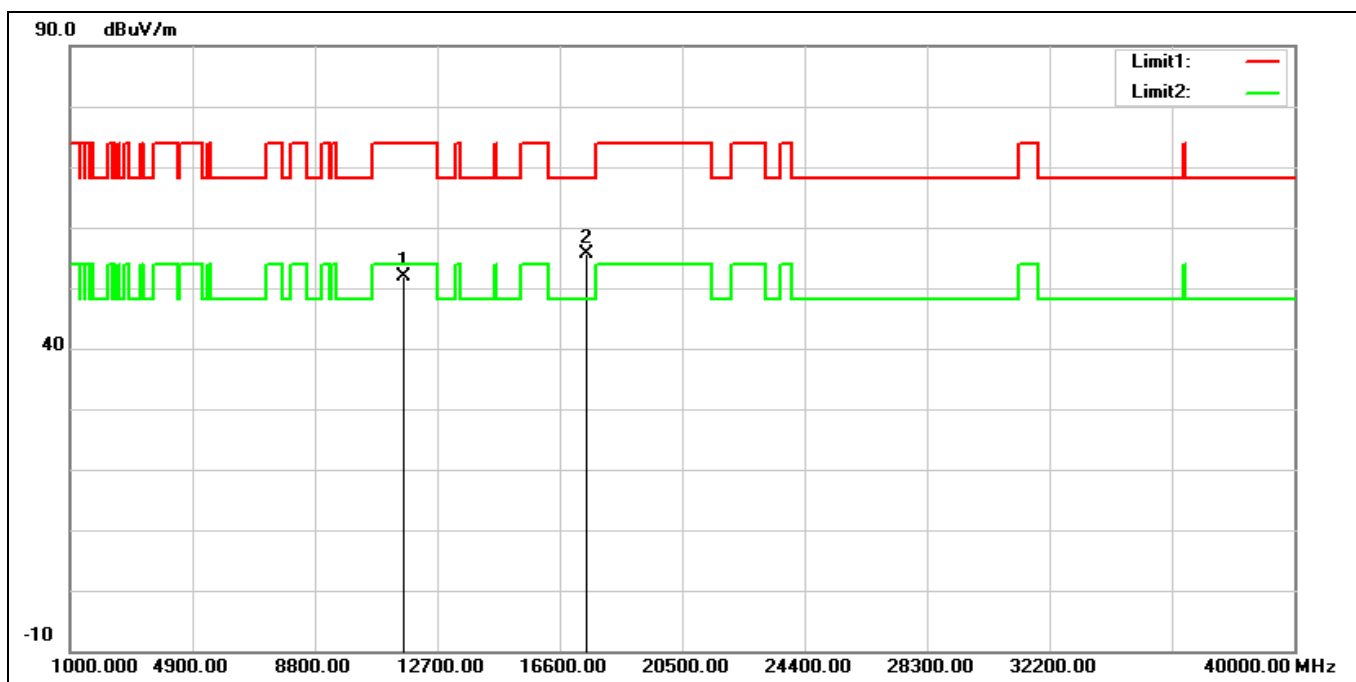
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	38.04	15.21	53.25	74.00	-20.75	peak
2*	11570.000	31.93	15.21	47.14	54.00	-6.86	AVG
3	17355.000	32.40	22.96	55.36	68.20	-12.84	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5825 MHz		
Remark:			



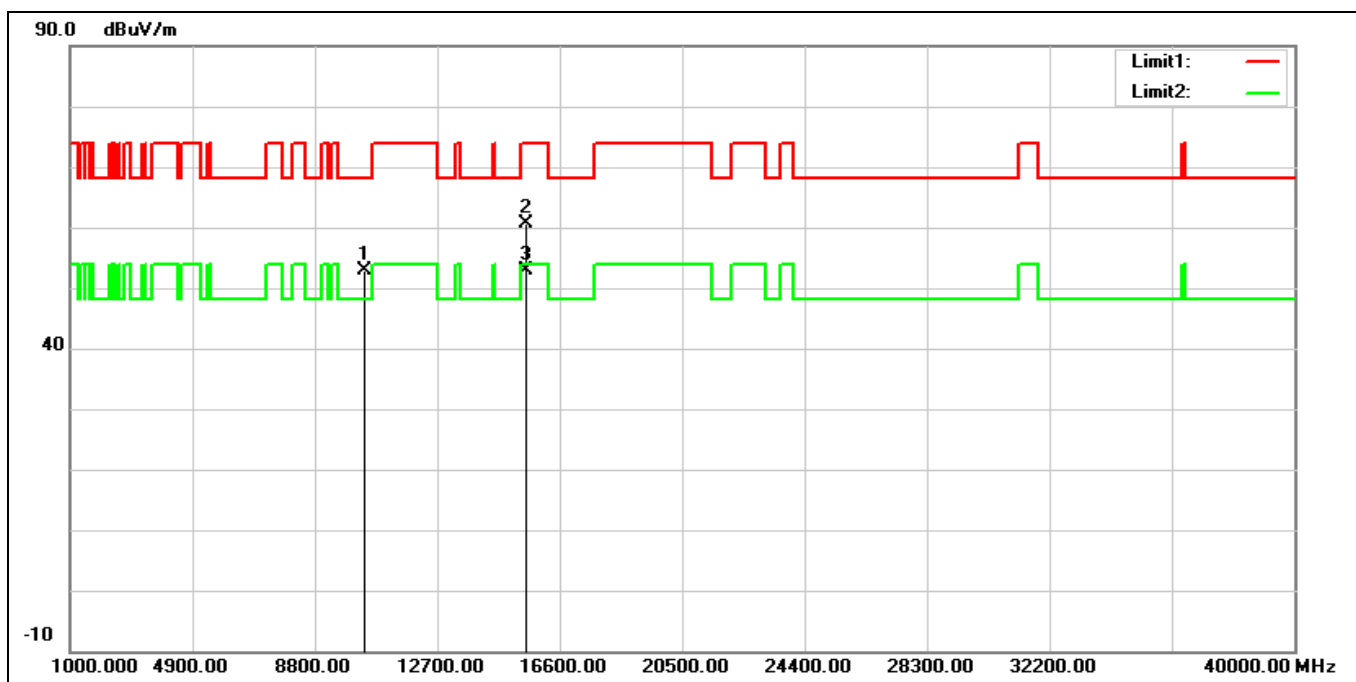
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	38.74	15.04	53.78	74.00	-20.22	peak
2*	11650.000	32.91	15.04	47.95	54.00	-6.05	AVG
3	17475.000	32.23	23.95	56.18	68.20	-12.02	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5825 MHz		
Remark:			



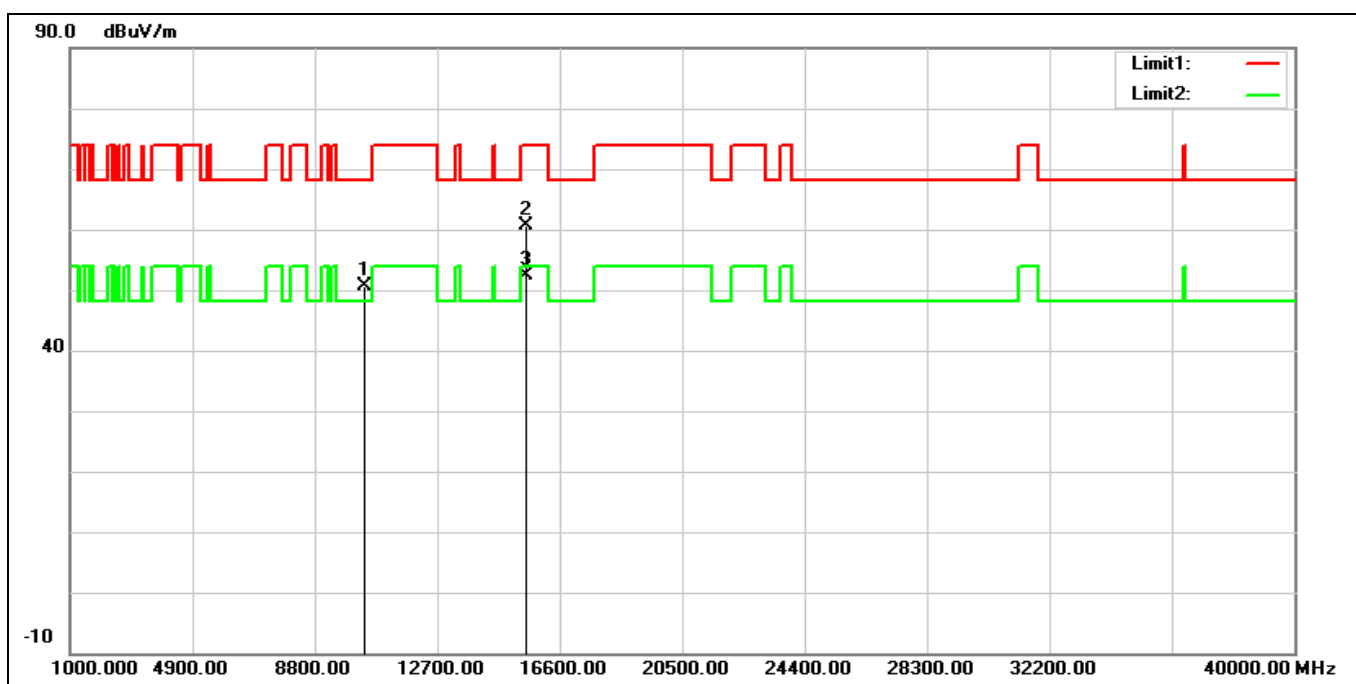
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	36.77	15.04	51.81	74.00	-22.19	peak
2*	17475.000	31.69	23.95	55.64	68.20	-12.56	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE20 5180 MHz		
Remark:			



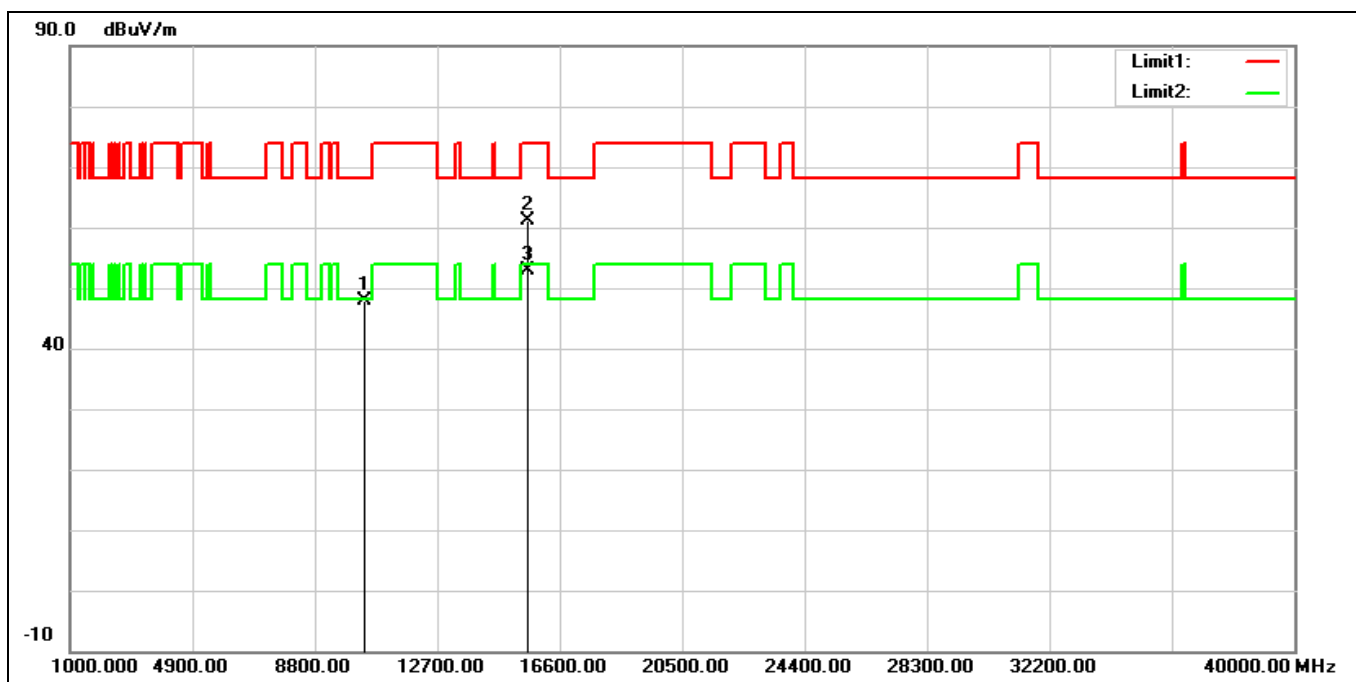
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	38.81	13.99	52.80	68.20	-15.40	peak
2	15540.000	43.32	17.31	60.63	74.00	-13.37	peak
3*	15540.000	35.53	17.31	52.84	54.00	-1.16	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE20 5180 MHz		
Remark:			



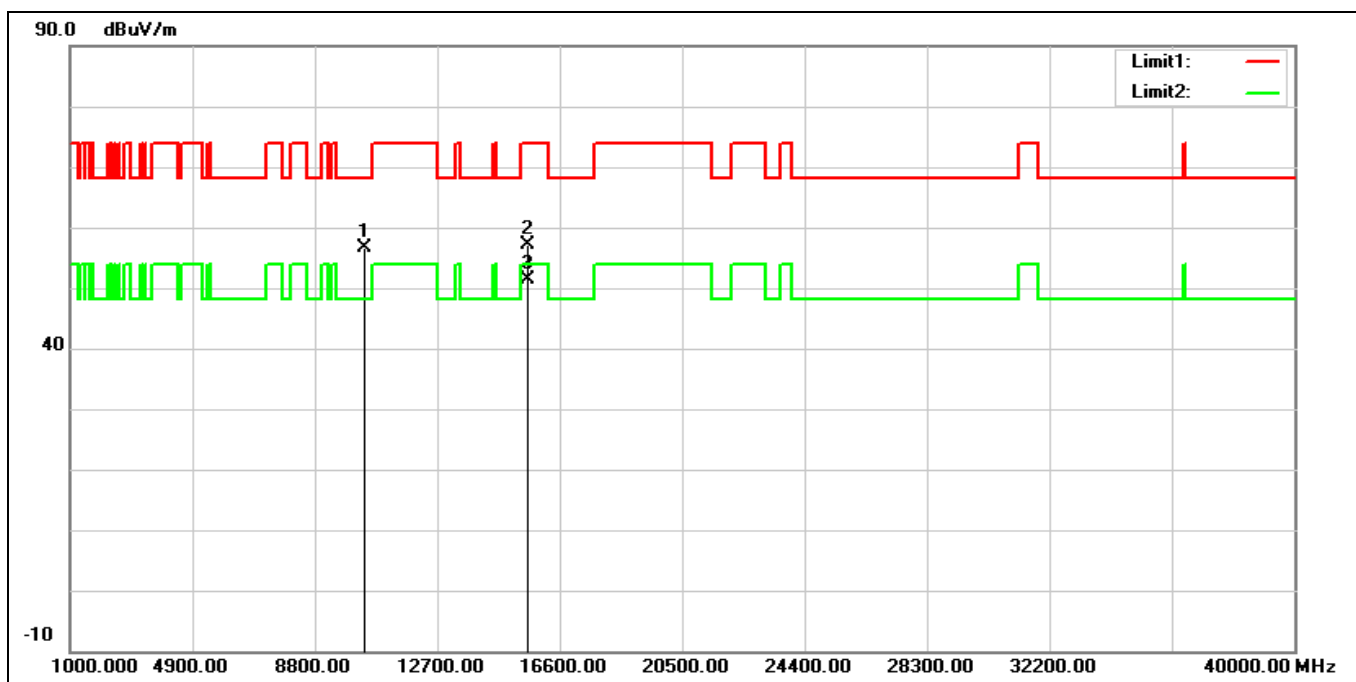
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	36.76	13.99	50.75	68.20	-17.45	peak
2	15540.000	43.40	17.31	60.71	74.00	-13.29	peak
3*	15540.000	34.98	17.31	52.29	54.00	-1.71	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE20 5200 MHz		
Remark:			



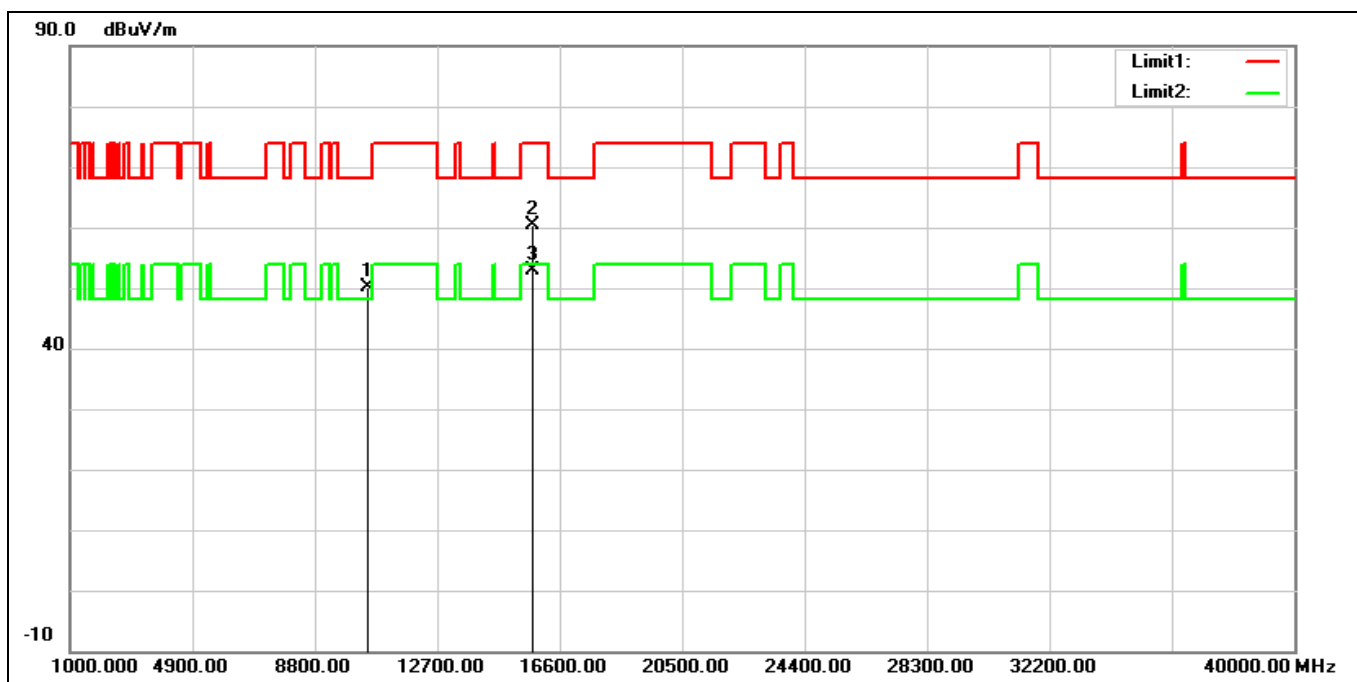
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	33.86	14.10	47.96	68.20	-20.24	peak
2	15600.000	44.18	17.01	61.19	74.00	-12.81	peak
3*	15600.000	35.80	17.01	52.81	54.00	-1.19	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE20 5200 MHz		
Remark:			



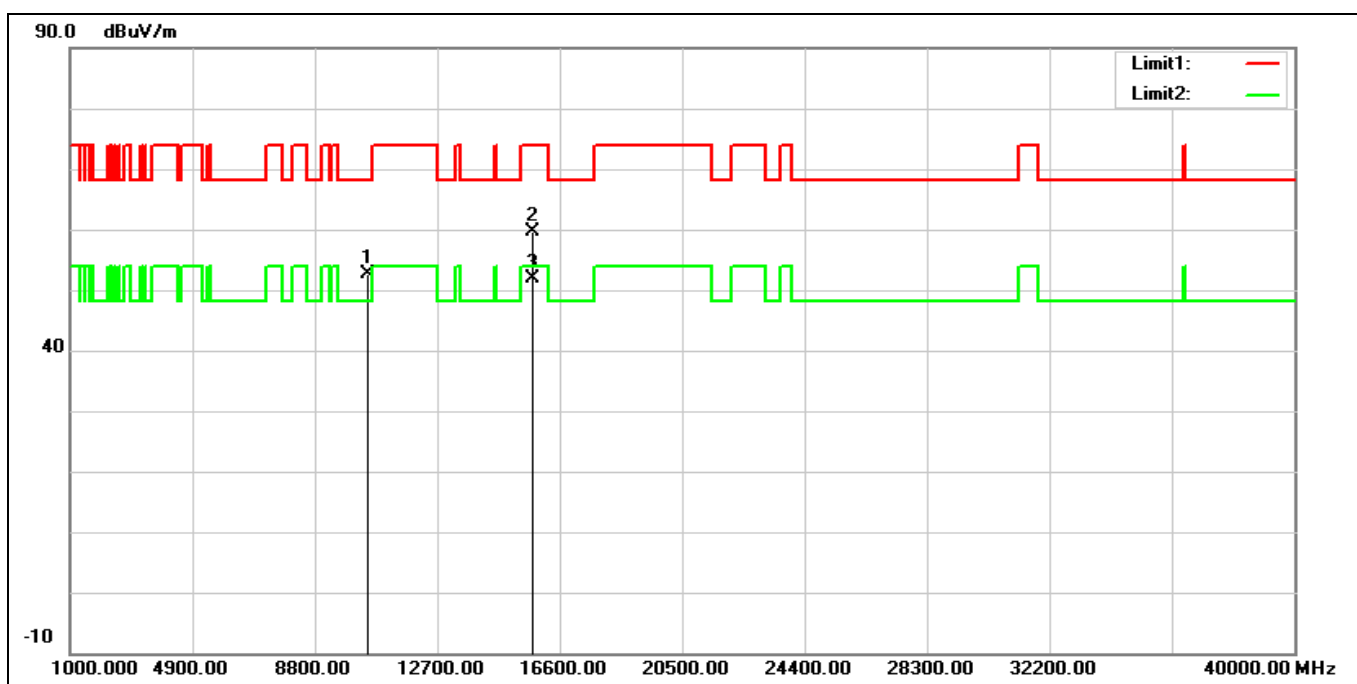
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	42.46	14.10	56.56	68.20	-11.64	peak
2	15600.000	40.23	17.01	57.24	74.00	-16.76	peak
3*	15600.000	34.35	17.01	51.36	54.00	-2.64	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE20 5240 MHz		
Remark:			



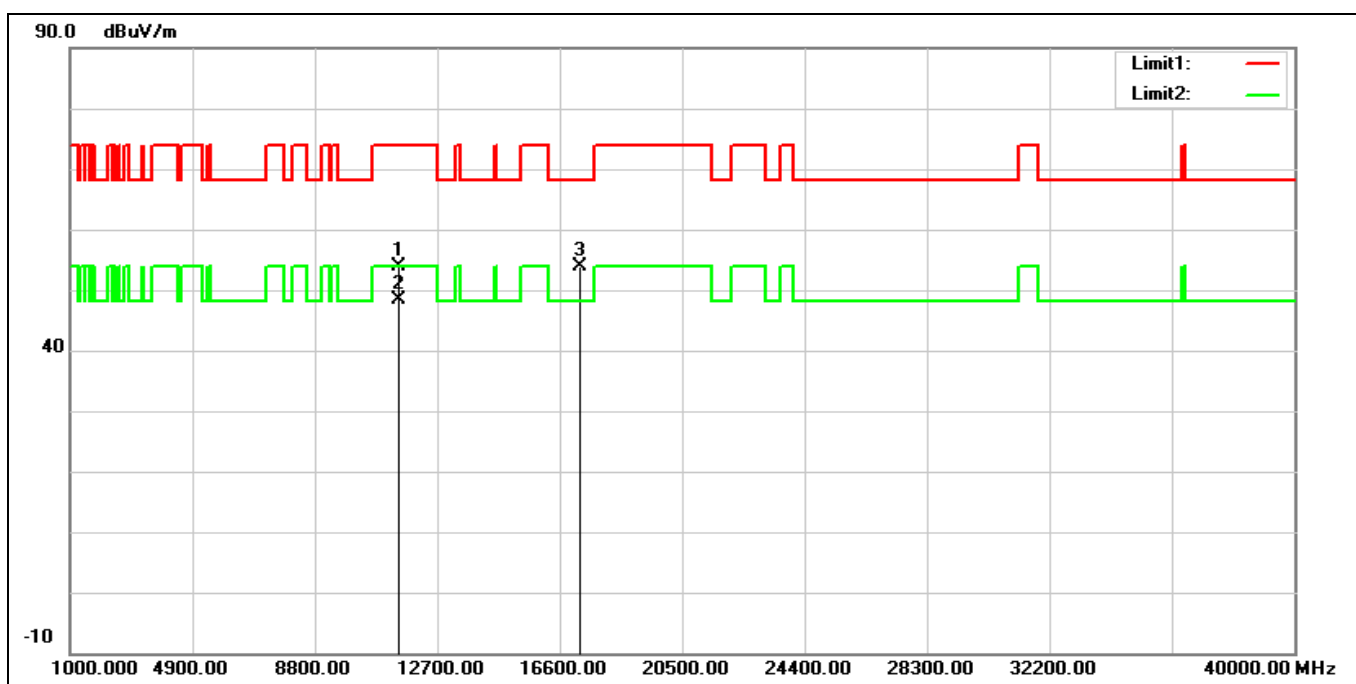
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	35.52	14.54	50.06	68.20	-18.14	peak
2	15720.000	43.05	17.34	60.39	74.00	-13.61	peak
3*	15720.000	35.47	17.34	52.81	54.00	-1.19	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE20 5240 MHz		
Remark:			



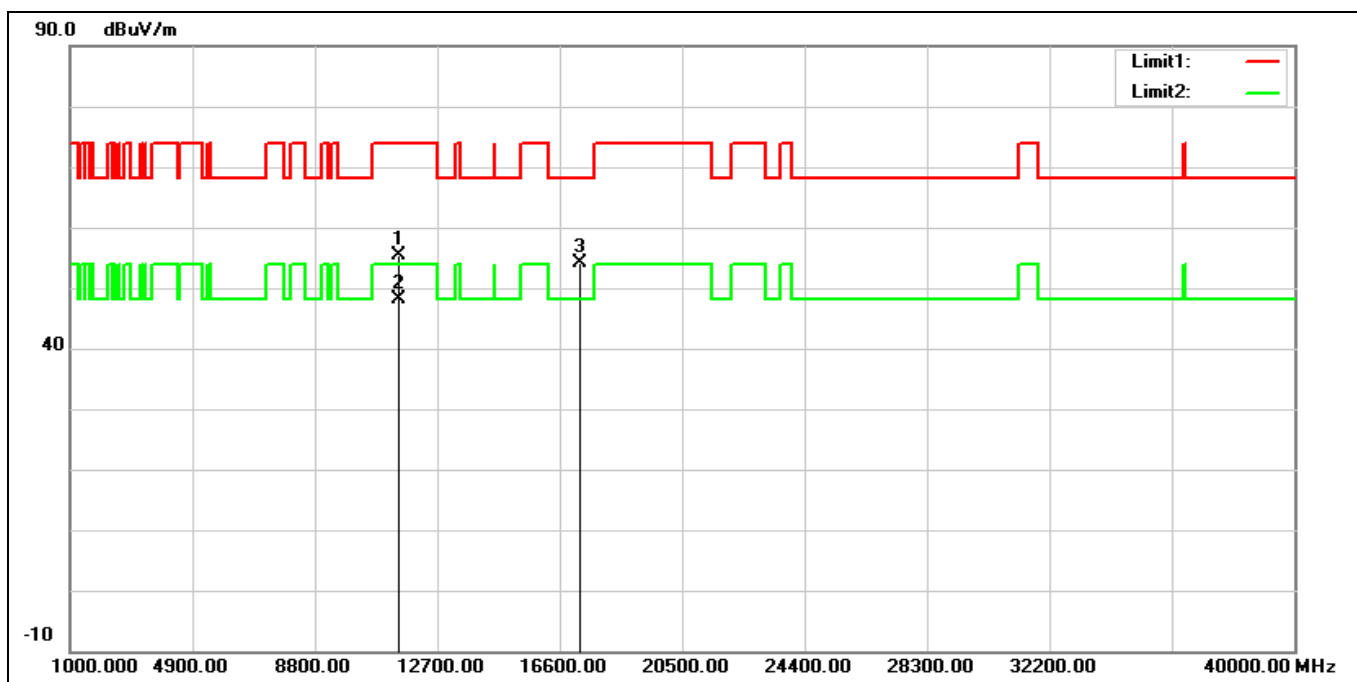
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	38.00	14.54	52.54	68.20	-15.66	peak
2	15720.000	42.31	17.34	59.65	74.00	-14.35	peak
3*	15720.000	34.50	17.34	51.84	54.00	-2.16	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE20 5745 MHz		
Remark:			



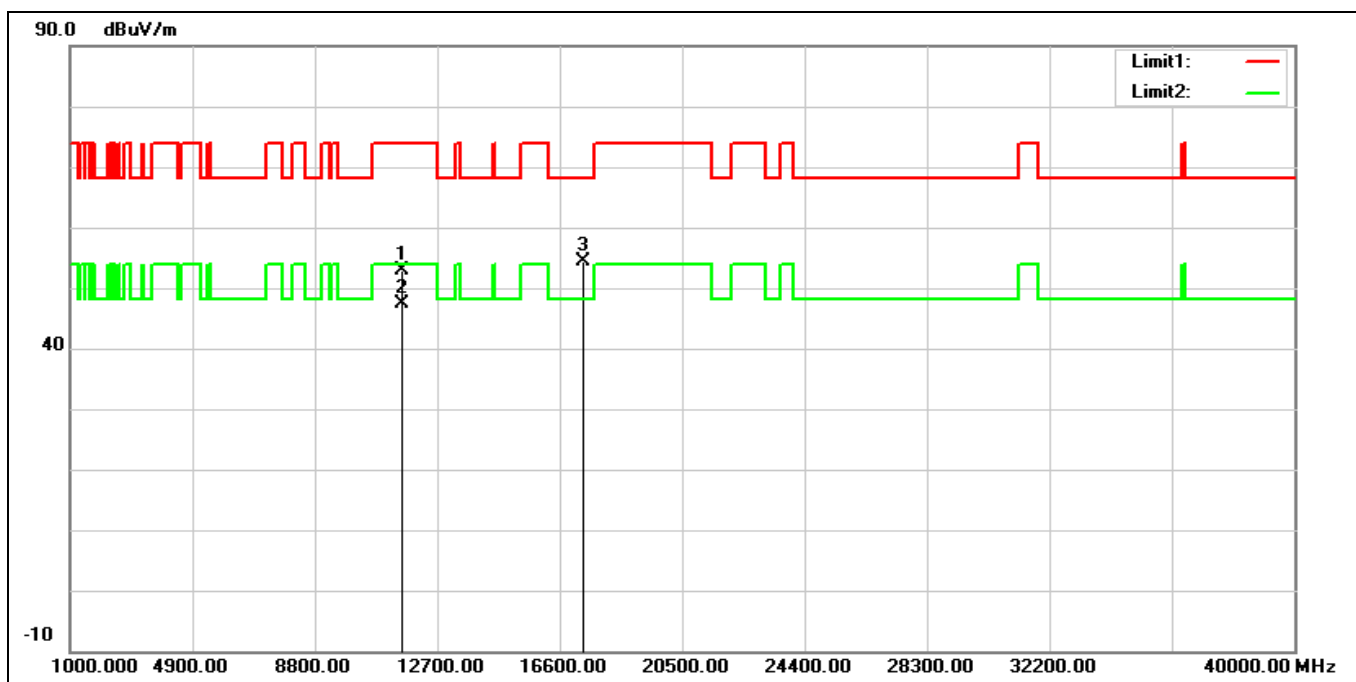
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	38.38	15.42	53.80	74.00	-20.20	peak
2*	11490.000	32.93	15.42	48.35	54.00	-5.65	AVG
3	17235.000	31.86	22.01	53.87	68.20	-14.33	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE20 5745 MHz		
Remark:			



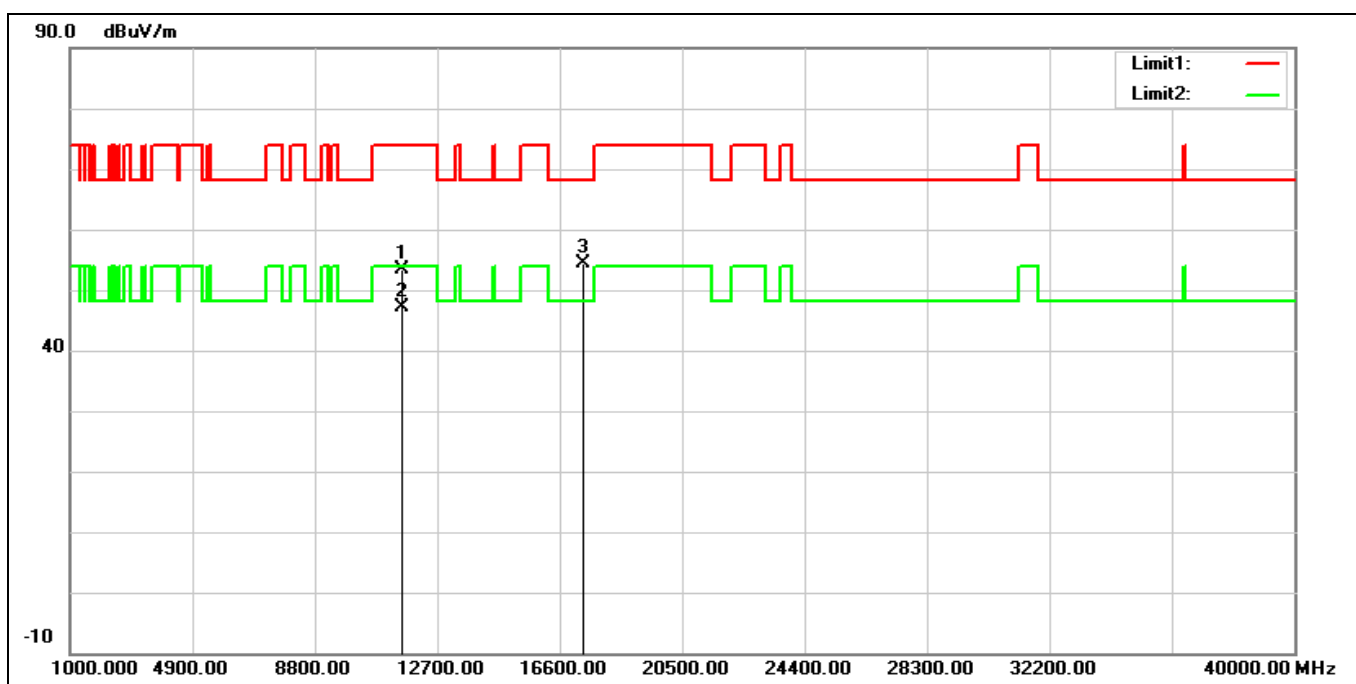
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	39.96	15.42	55.38	74.00	-18.62	peak
2*	11490.000	32.79	15.42	48.21	54.00	-5.79	AVG
3	17235.000	32.19	22.01	54.20	68.20	-14.00	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE20 5785 MHz		
Remark:			



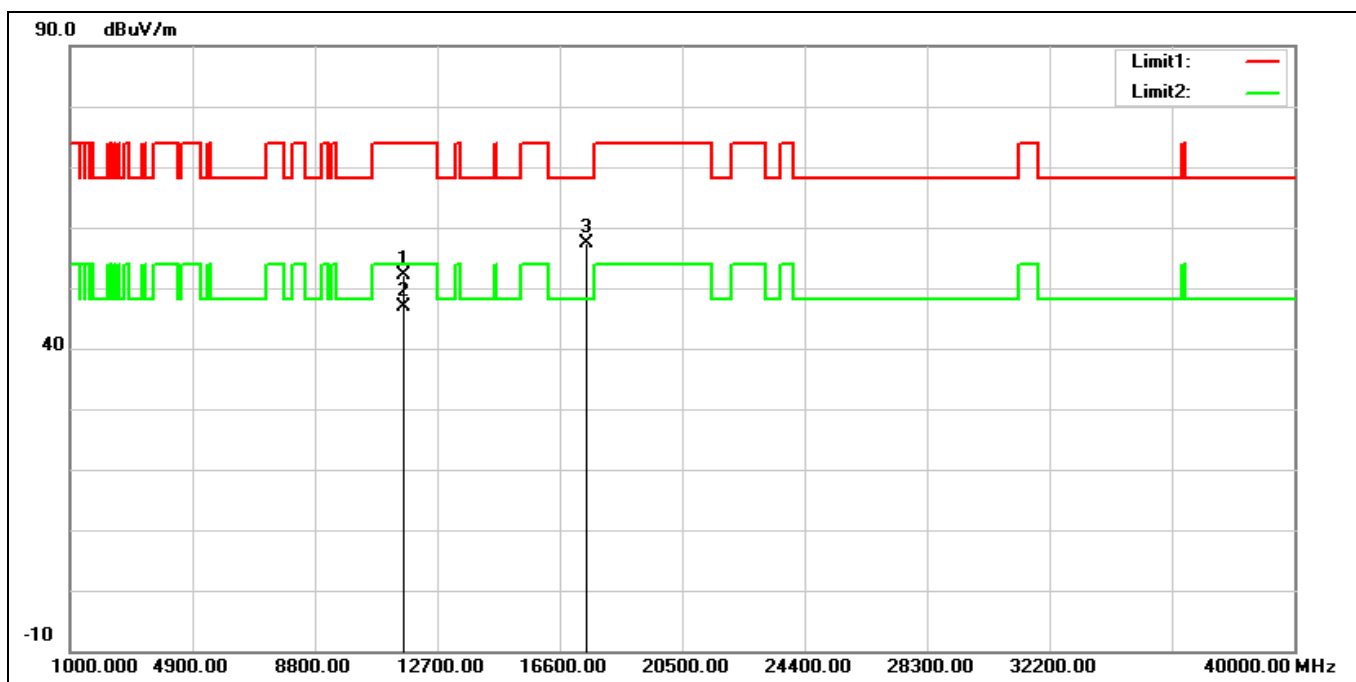
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	37.77	15.21	52.98	74.00	-21.02	peak
2*	11570.000	32.21	15.21	47.42	54.00	-6.58	AVG
3	17355.000	31.48	22.96	54.44	68.20	-13.76	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE20 5785 MHz		
Remark:			



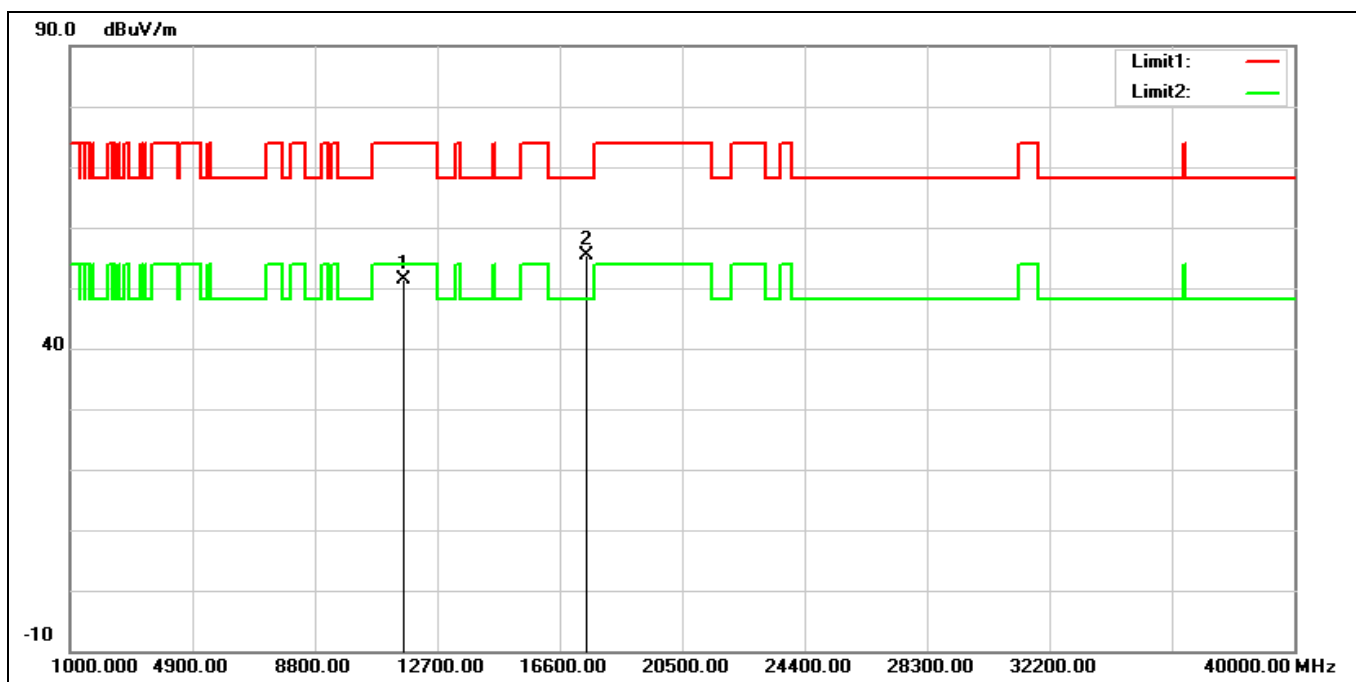
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	38.08	15.21	53.29	74.00	-20.71	peak
2*	11570.000	31.98	15.21	47.19	54.00	-6.81	AVG
3	17355.000	31.30	22.96	54.26	68.20	-13.94	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE20 5825 MHz		
Remark:			



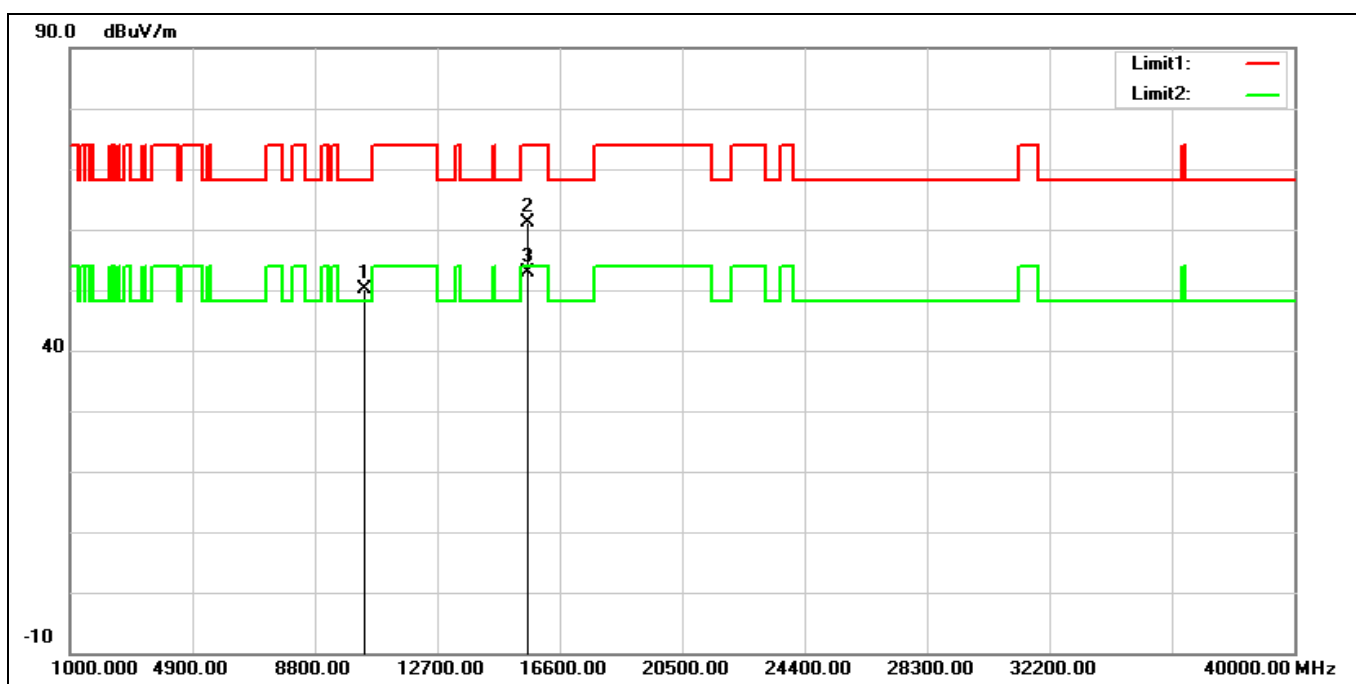
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	37.17	15.04	52.21	74.00	-21.79	peak
2*	11650.000	31.89	15.04	46.93	54.00	-7.07	AVG
3	17475.000	33.34	23.95	57.29	68.20	-10.91	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE20 5825 MHz		
Remark:			



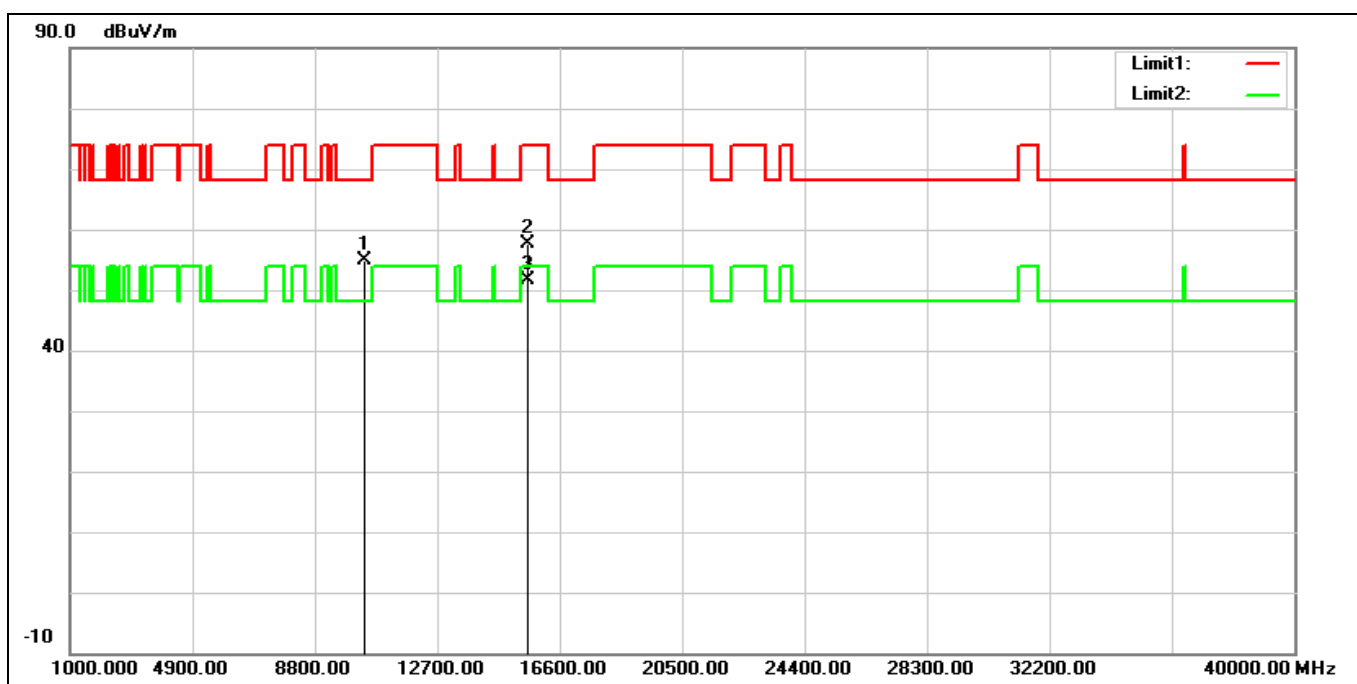
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	36.29	15.04	51.33	74.00	-22.67	peak
2*	17475.000	31.32	23.95	55.27	68.20	-12.93	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE40 5190 MHz		
Remark:			



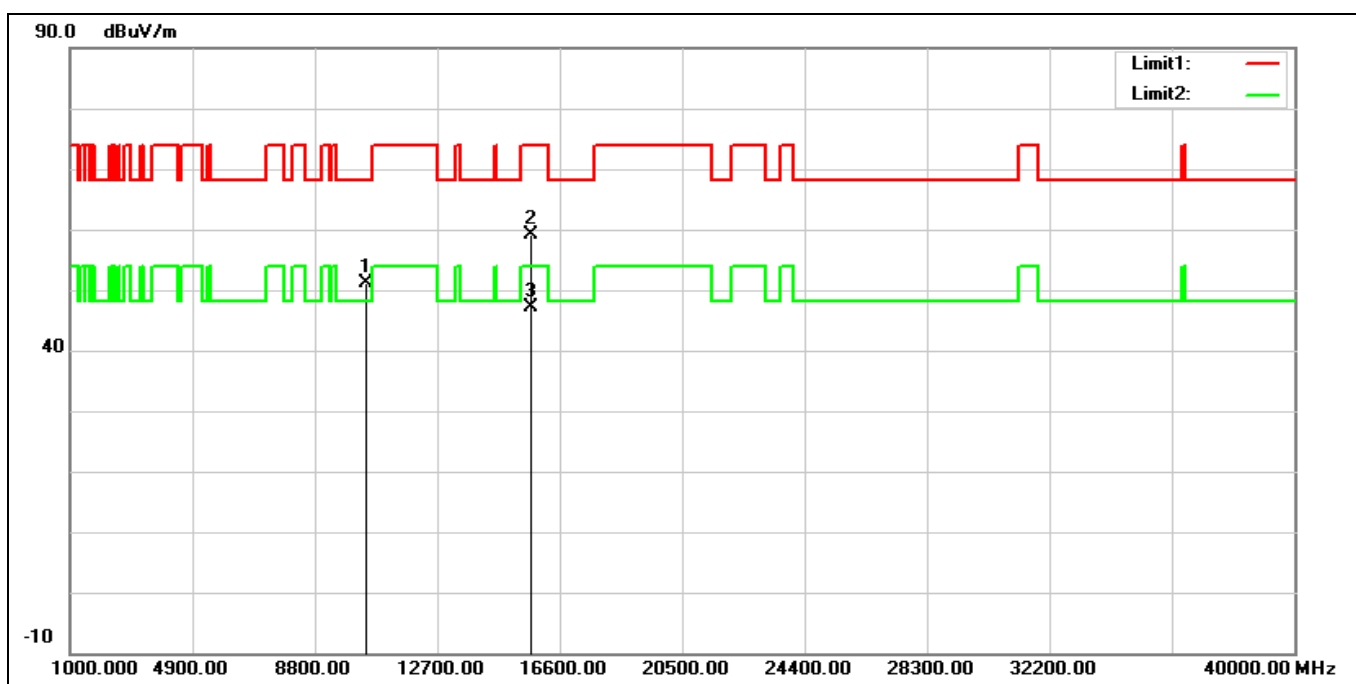
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	36.08	14.04	50.12	68.20	-18.08	peak
2	15570.000	44.02	17.16	61.18	74.00	-12.82	peak
3*	15570.000	35.63	17.16	52.79	54.00	-1.21	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE40 5190 MHz		
Remark:			



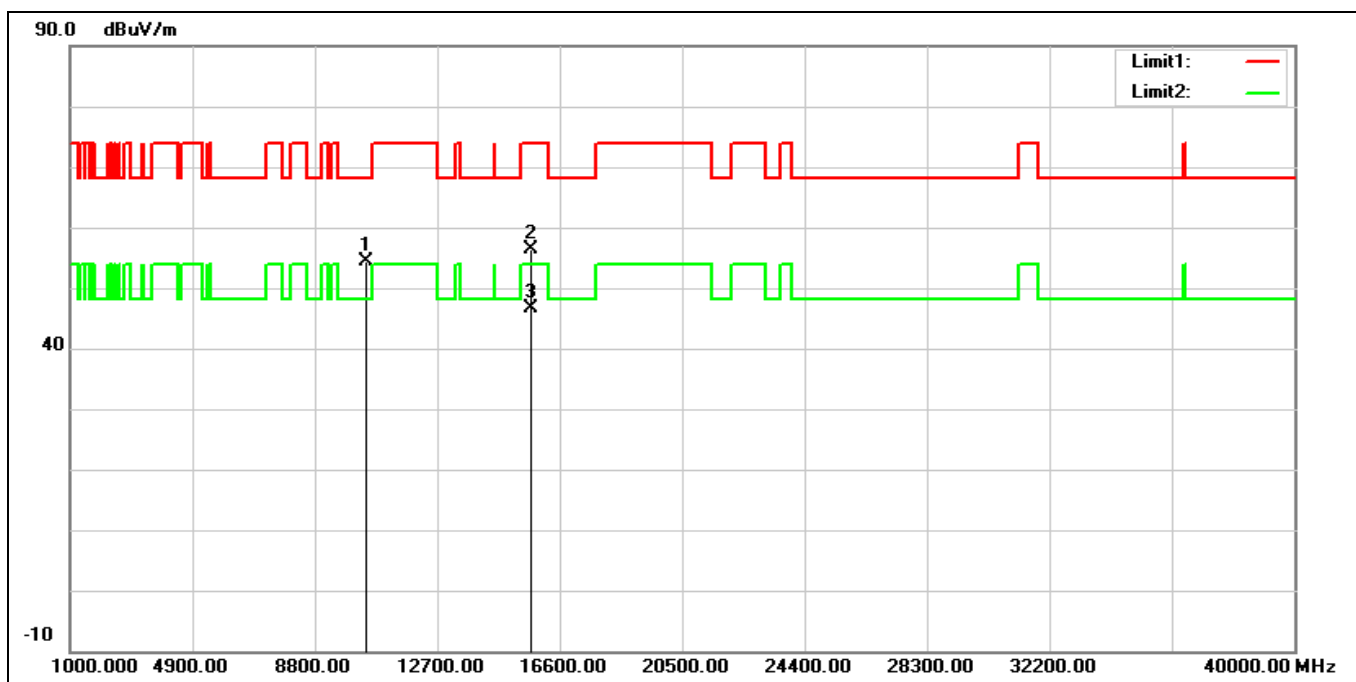
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	40.91	14.04	54.95	68.20	-13.25	peak
2	15570.000	40.50	17.16	57.66	74.00	-16.34	peak
3*	15570.000	34.57	17.16	51.73	54.00	-2.27	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE40 5230 MHz		
Remark:			



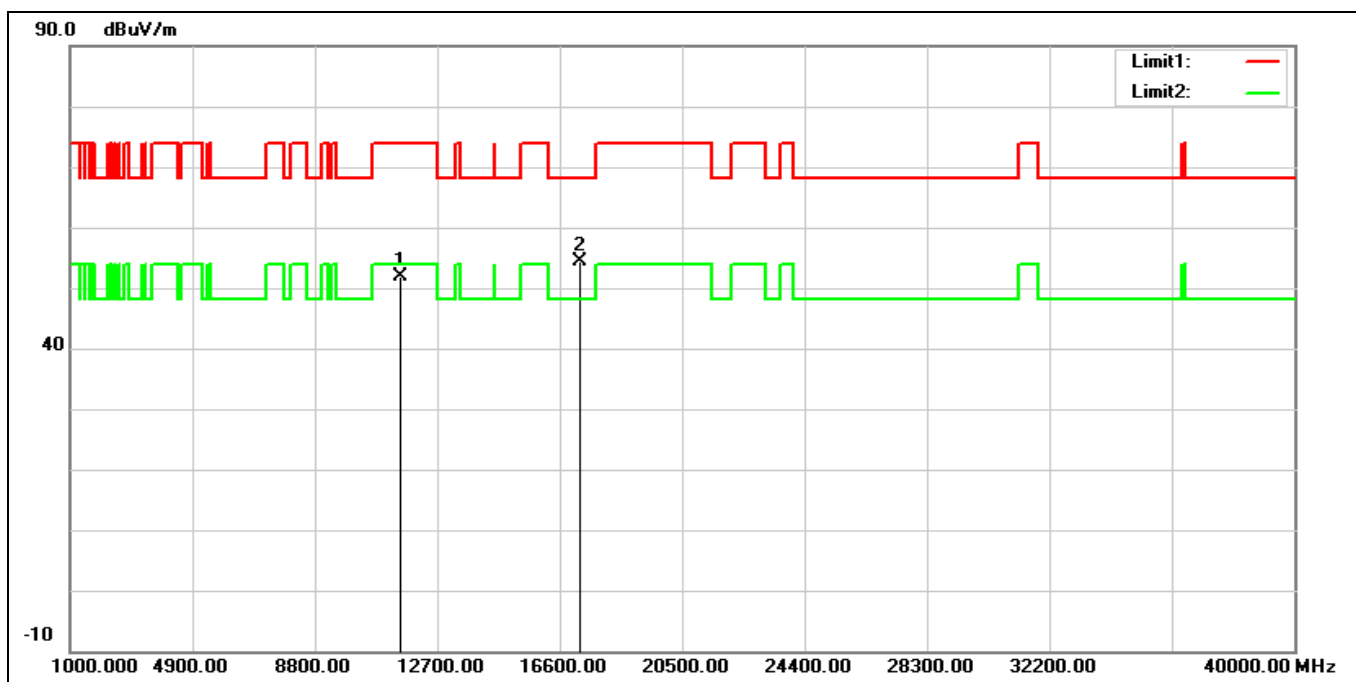
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	36.61	14.43	51.04	68.20	-17.16	peak
2	15690.000	41.78	17.37	59.15	74.00	-14.85	peak
3*	15690.000	29.74	17.37	47.11	54.00	-6.89	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE40 5230 MHz		
Remark:			



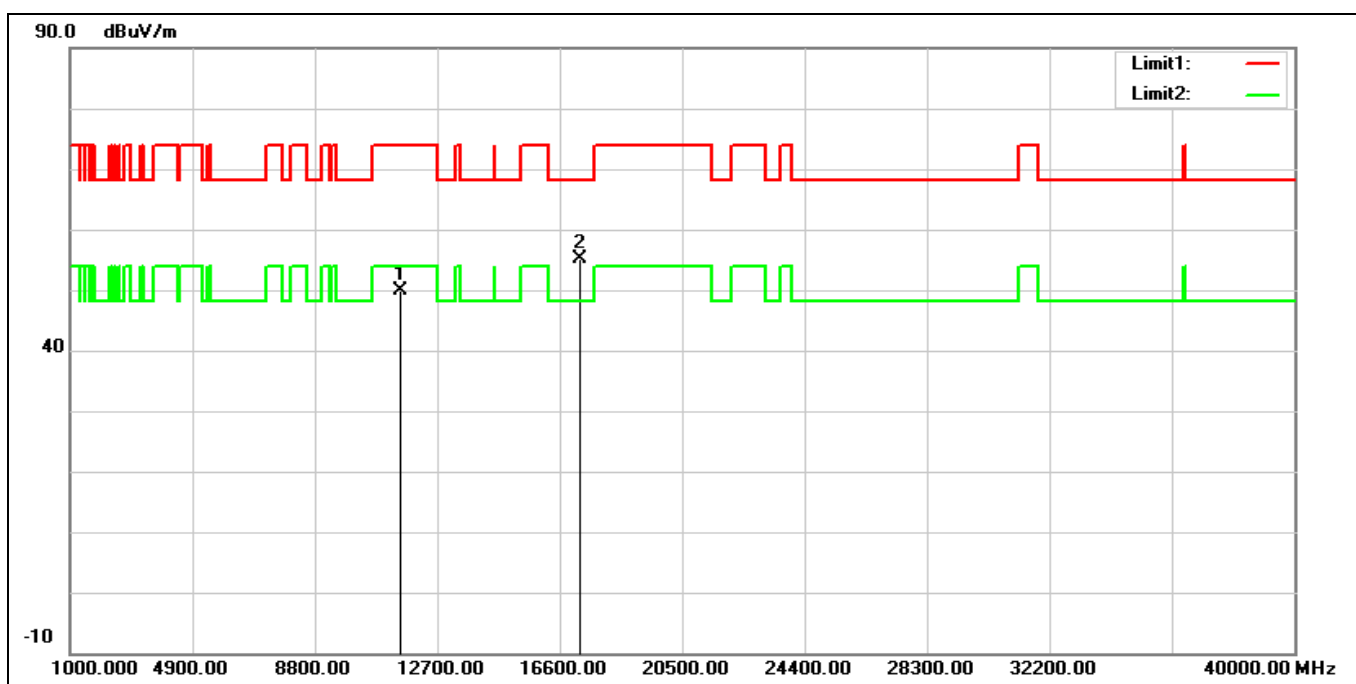
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	39.85	14.43	54.28	68.20	-13.92	peak
2	15690.000	38.89	17.37	56.26	74.00	-17.74	peak
3*	15690.000	29.30	17.37	46.67	54.00	-7.33	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE40 5755 MHz		
Remark:			



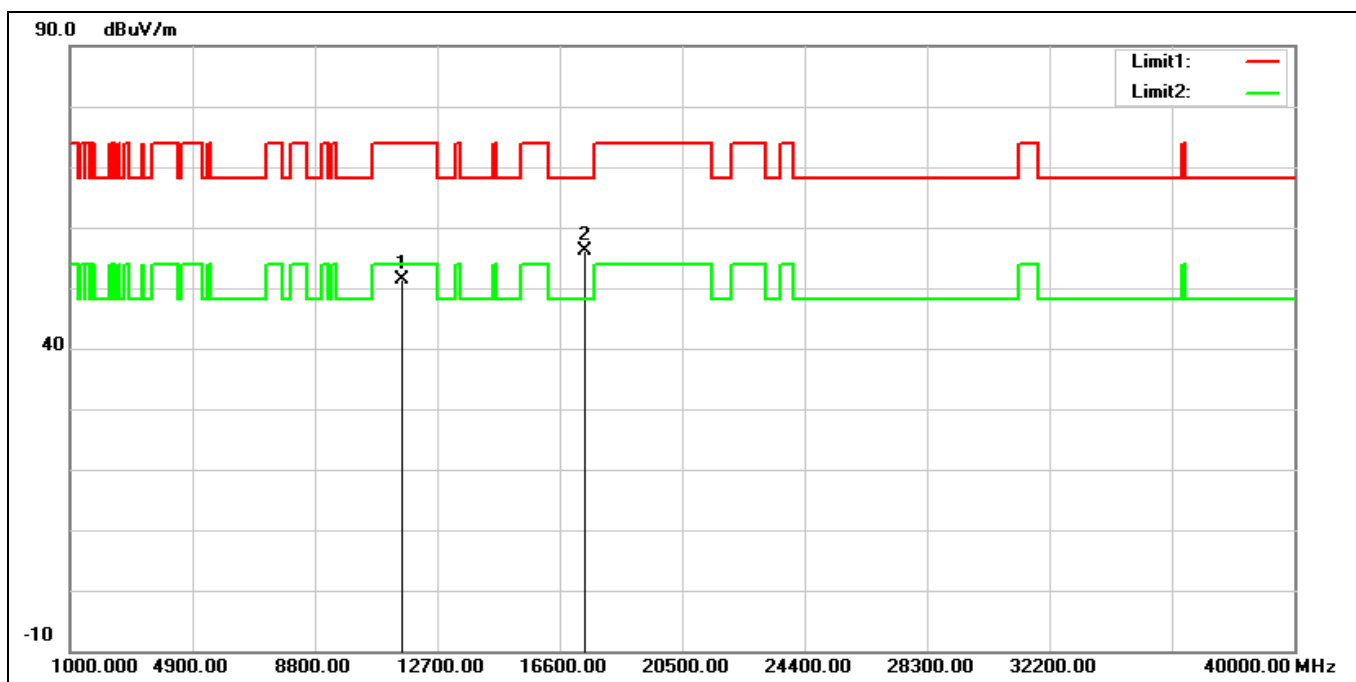
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	36.47	15.42	51.89	74.00	-22.11	peak
2*	17265.000	32.04	22.32	54.36	68.20	-13.84	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE40 5755 MHz		
Remark:			



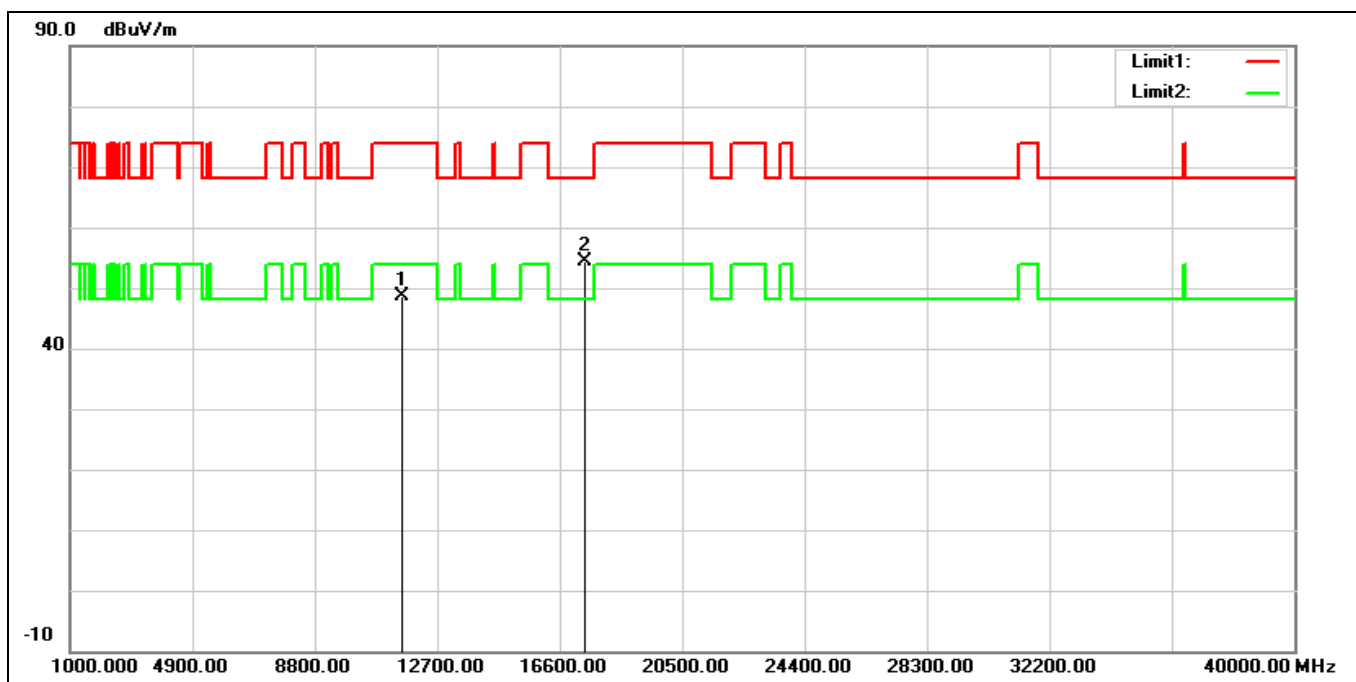
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	34.48	15.42	49.90	74.00	-24.10	peak
2*	17265.000	32.69	22.32	55.01	68.20	-13.19	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE40 5795 MHz		
Remark:			



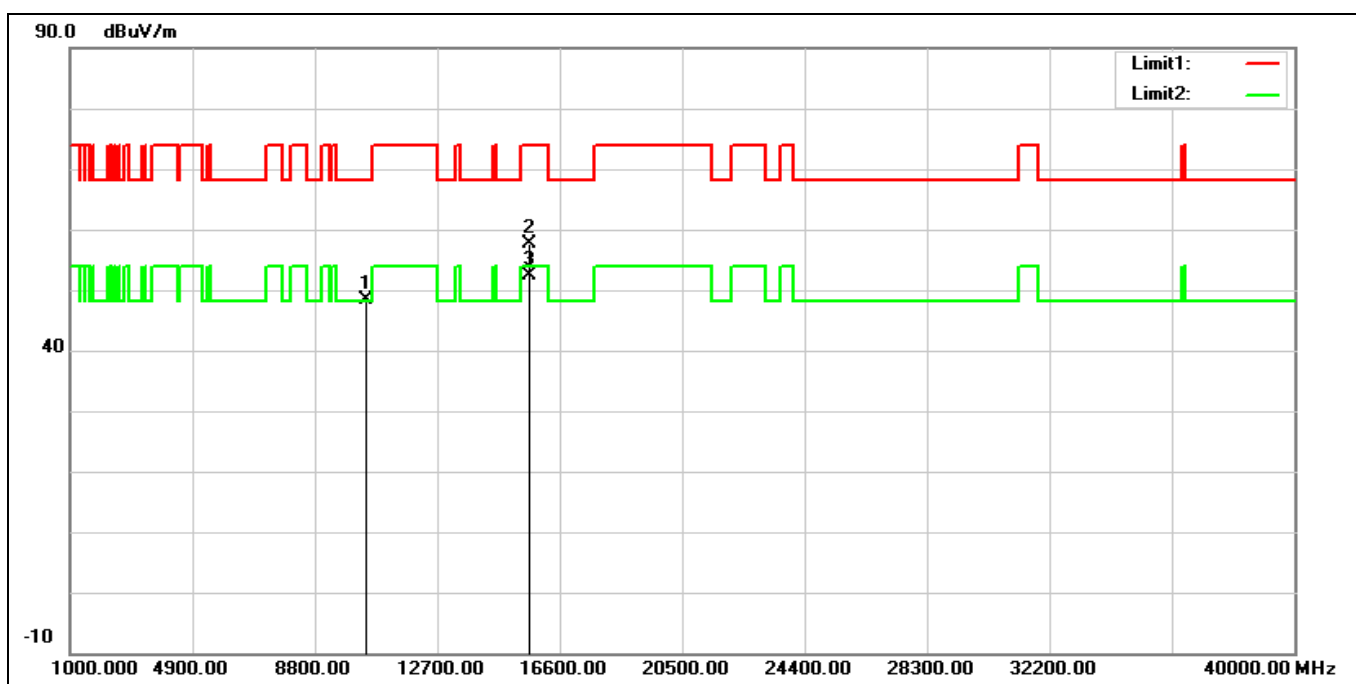
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	36.14	15.14	51.28	74.00	-22.72	peak
2*	17385.000	33.03	23.11	56.14	68.20	-12.06	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE40 5795 MHz		
Remark:			



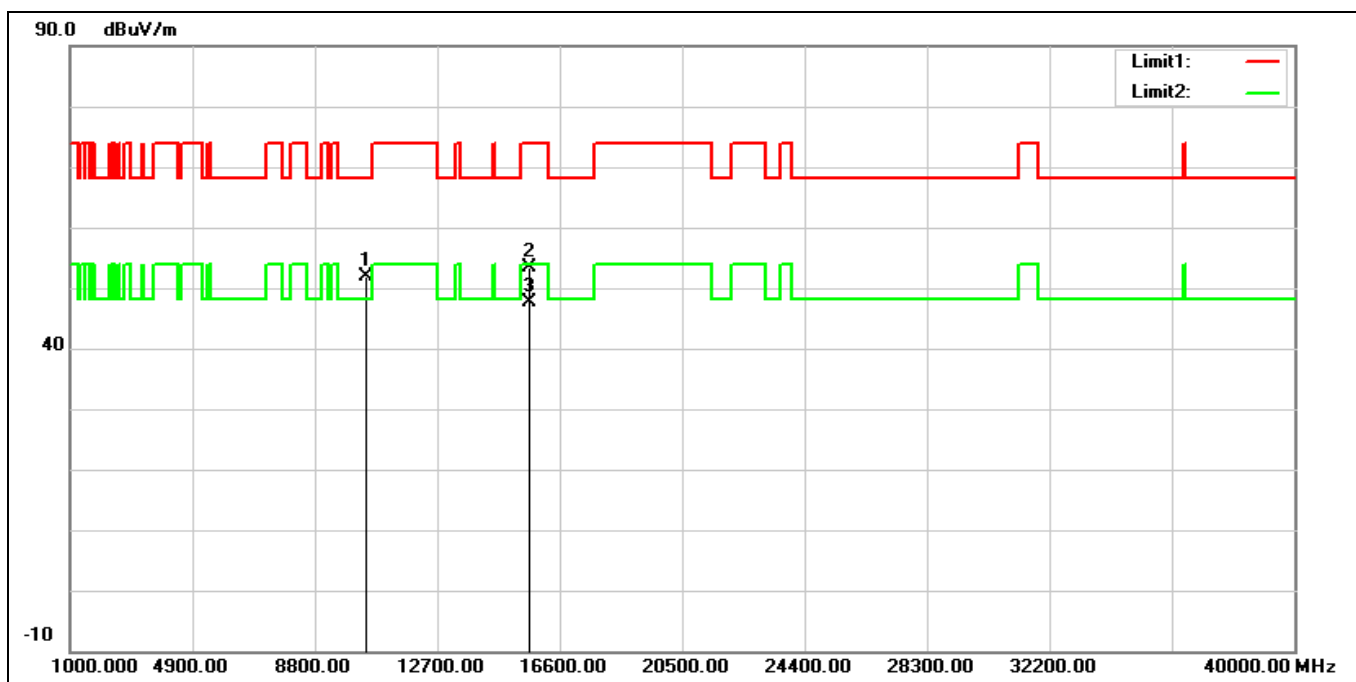
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	33.52	15.14	48.66	74.00	-25.34	peak
2*	17385.000	31.17	23.11	54.28	68.20	-13.92	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE80 5210 MHz		
Remark:			



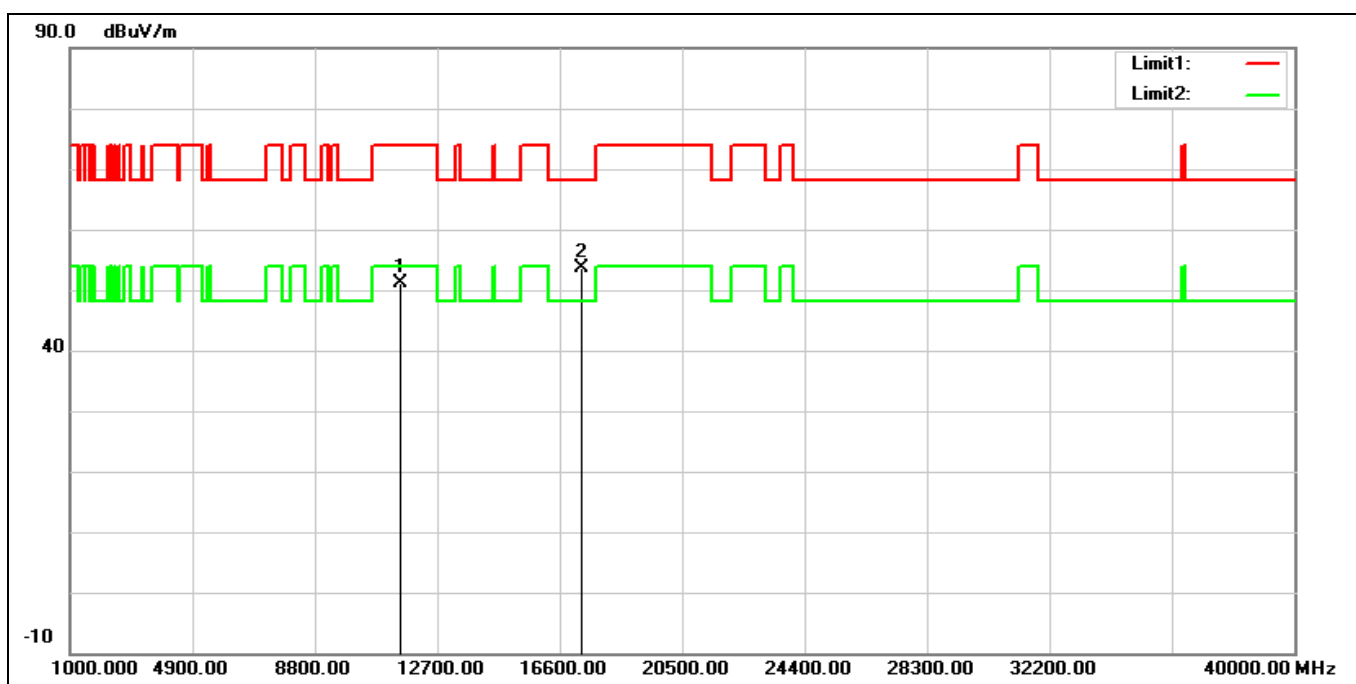
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	34.06	14.20	48.26	68.20	-19.94	peak
2	15630.000	40.60	17.14	57.74	74.00	-16.26	peak
3*	15630.000	35.26	17.14	52.40	54.00	-1.60	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE80 5210 MHz		
Remark:			



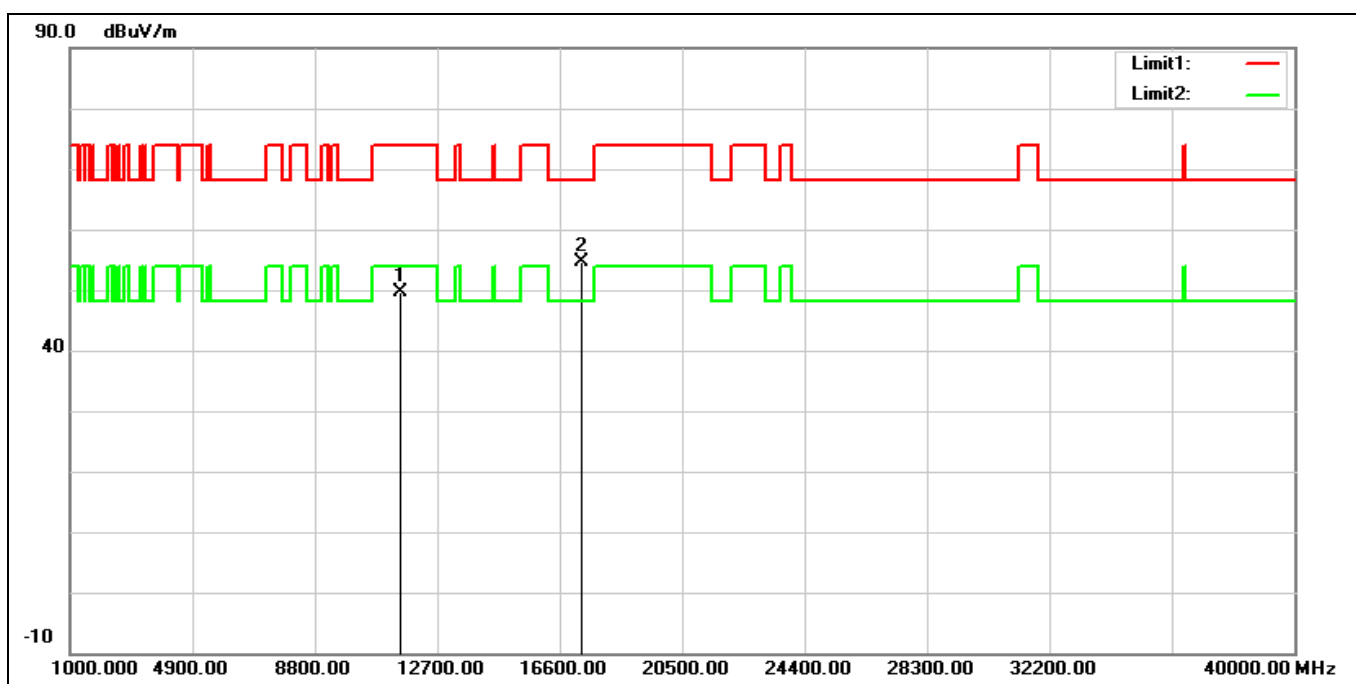
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	37.74	14.20	51.94	68.20	-16.26	peak
2	15630.000	36.34	17.14	53.48	74.00	-20.52	peak
3*	15630.000	30.61	17.14	47.75	54.00	-6.25	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE80 5775 MHz		
Remark:			



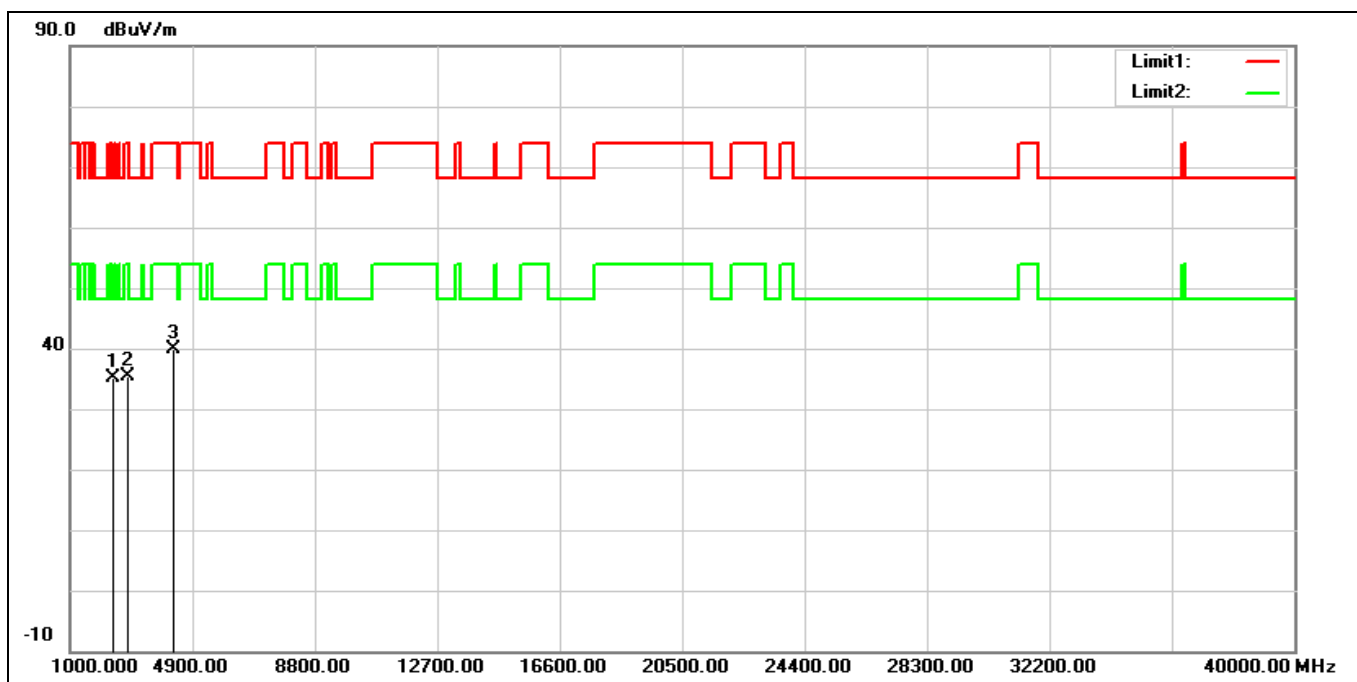
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	35.79	15.28	51.07	74.00	-22.93	peak
2*	17325.000	30.96	22.79	53.75	68.20	-14.45	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE80 5775 MHz		
Remark:			



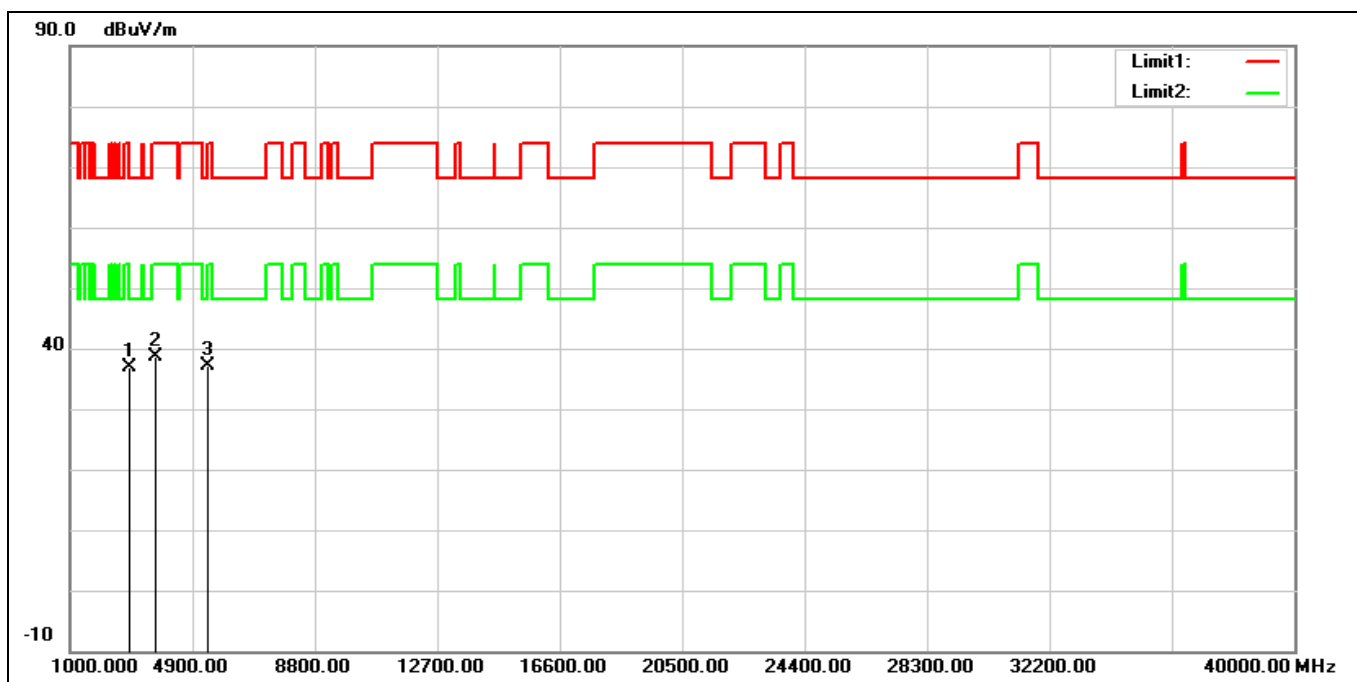
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	34.41	15.28	49.69	74.00	-24.31	peak
2*	17325.000	31.94	22.79	54.73	68.20	-13.47	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	Wifi 2.4G + Wifi 5G + Scanning radio 2.4G + Scanning radio 5G + BLE		
Remark:			



No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2343.000	41.22	-6.02	35.20	74.00	-38.80	peak
2	2853.000	40.65	-5.23	35.42	74.00	-38.58	peak
3*	4298.000	41.54	-1.63	39.91	74.00	-34.09	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	Wifi 2.4G + Wifi 5G + Scanning radio 2.4G + Scanning radio 5G + BLE		
Remark:			

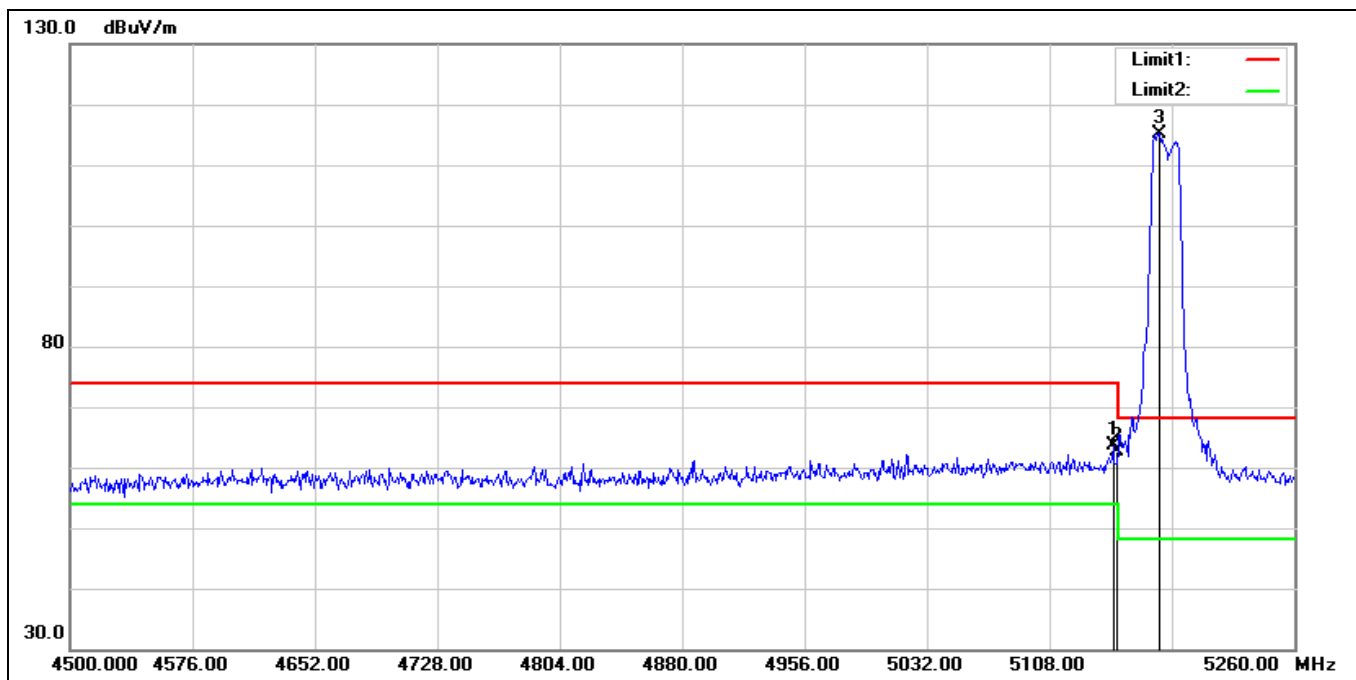


No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2853.000	42.01	-5.23	36.78	74.00	-37.22	peak
2*	3737.000	41.77	-3.24	38.53	74.00	-35.47	peak
3	5386.000	35.63	1.42	37.05	74.00	-36.95	peak

Band Edge

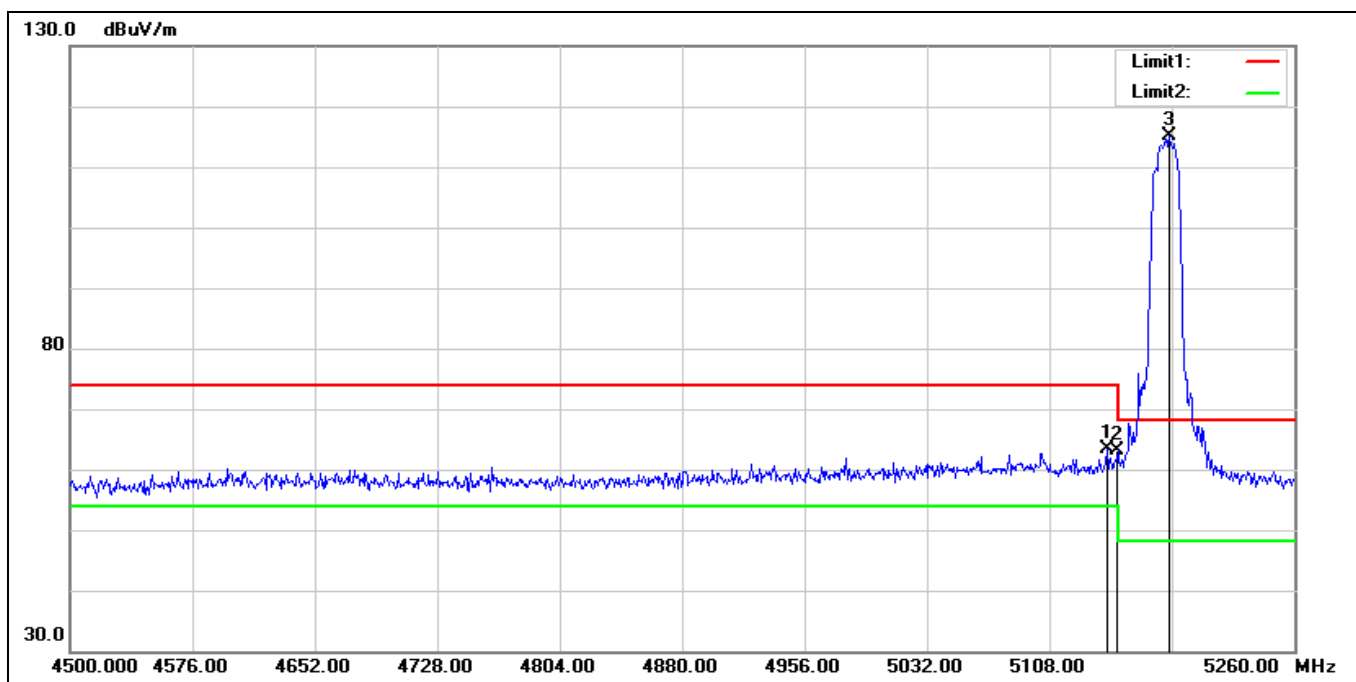
Peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5180 MHz		
Remark:			



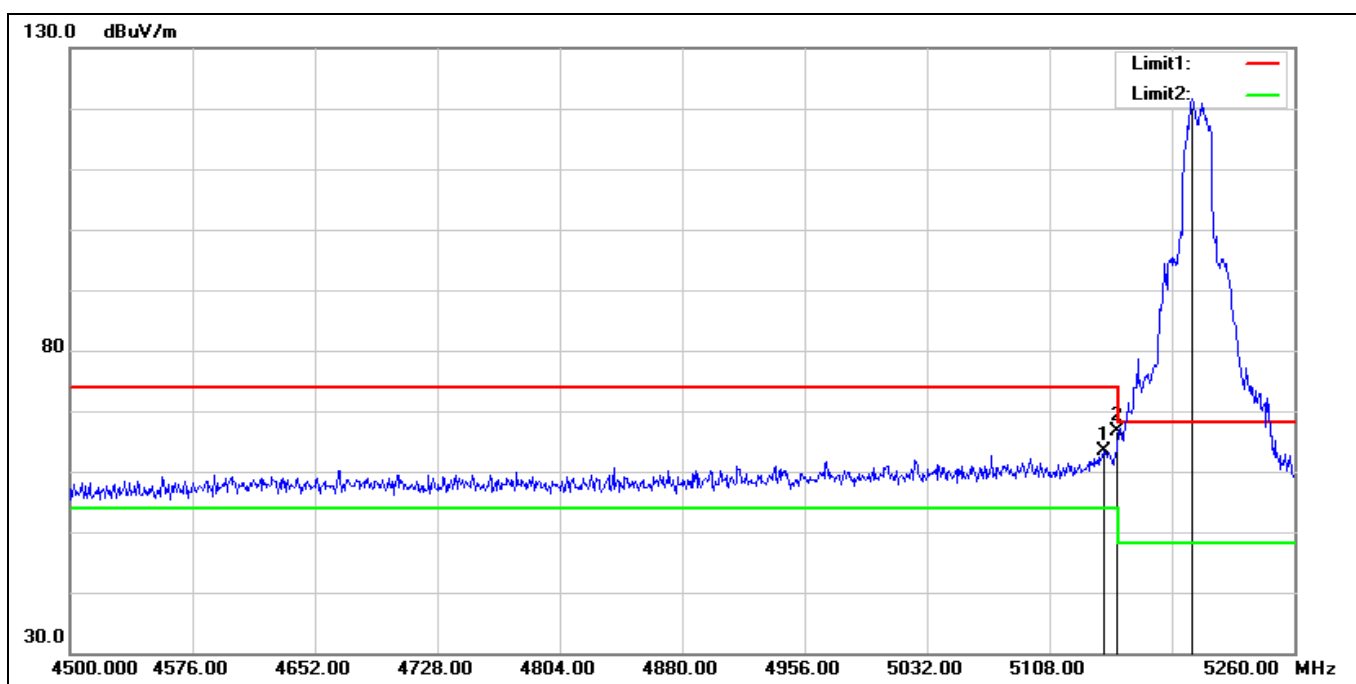
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.520	62.09	1.42	63.51	74.00	-10.49	peak
2	5150.000	61.31	1.42	62.73	74.00	-11.27	peak
3*	5176.400	113.80	1.35	115.15	68.20	46.95	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5180 MHz		
Remark:			



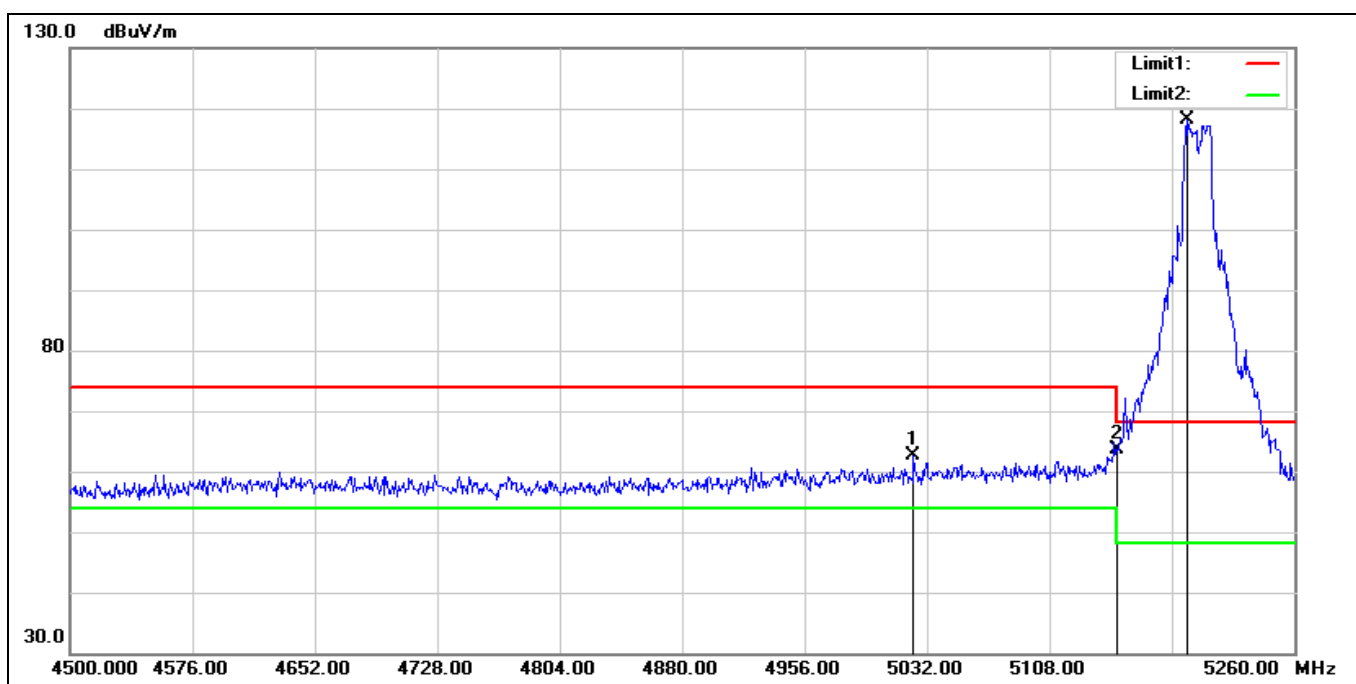
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.720	61.98	1.41	63.39	74.00	-10.61	peak
2	5150.000	61.75	1.42	63.17	74.00	-10.83	peak
3*	5182.480	113.70	1.33	115.03	68.20	46.83	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5200 MHz		
Remark:			



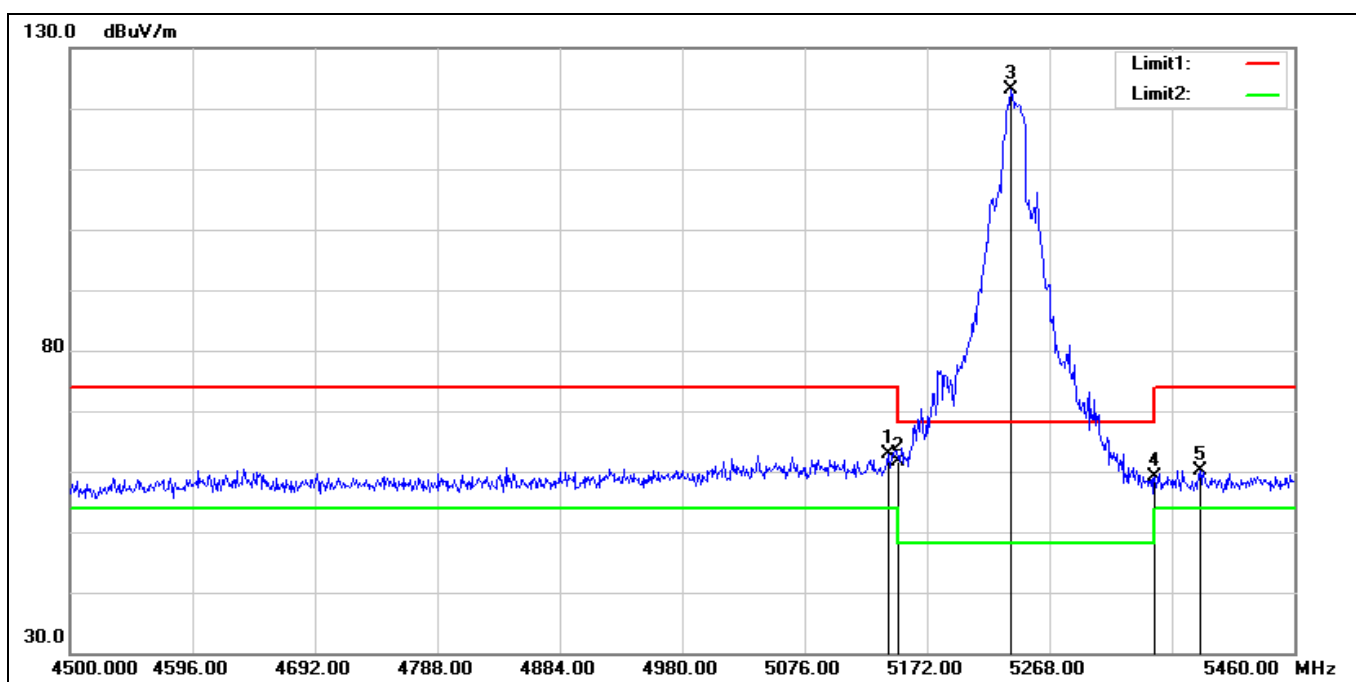
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.440	62.08	1.40	63.48	74.00	-10.52	peak
2	5150.000	65.14	1.42	66.56	74.00	-7.44	peak
3*	5196.920	120.36	1.29	121.65	68.20	53.45	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5200 MHz		
Remark:			



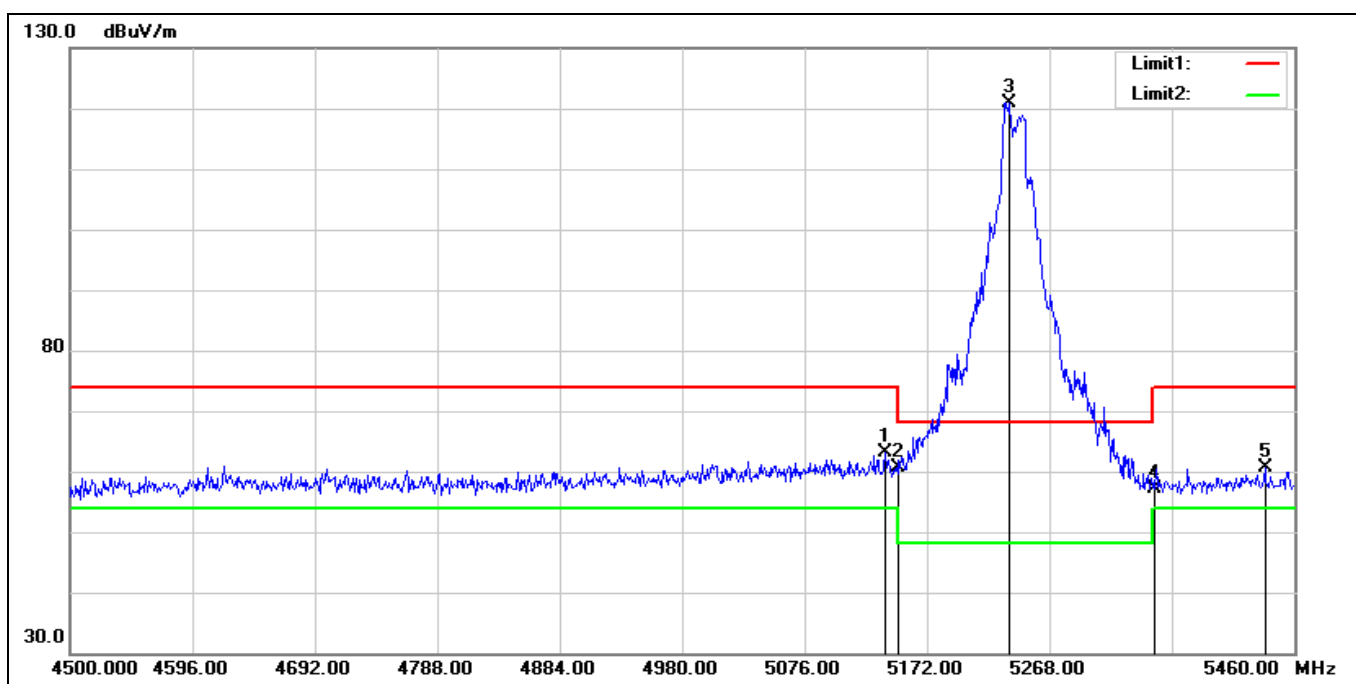
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5023.640	61.66	0.89	62.55	74.00	-11.45	peak
2	5150.000	62.11	1.42	63.53	74.00	-10.47	peak
3*	5193.120	116.75	1.31	118.06	68.20	49.86	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5240 MHz		
Remark:			



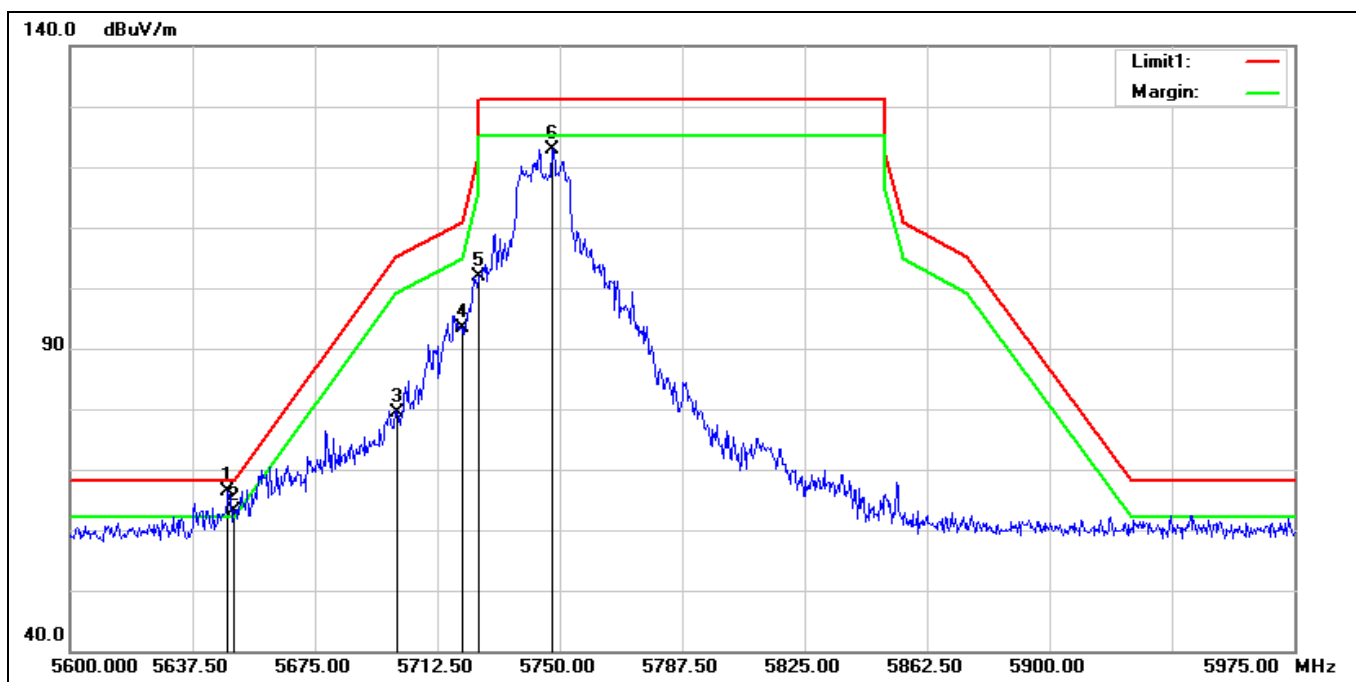
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.280	61.51	1.40	62.91	74.00	-11.09	peak
2	5150.000	60.24	1.42	61.66	74.00	-12.34	peak
3*	5237.280	122.05	1.11	123.16	68.20	54.96	peak
4	5350.000	58.12	1.08	59.20	74.00	-14.80	peak
5	5386.080	58.83	1.42	60.25	74.00	-13.75	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5240 MHz		
Remark:			



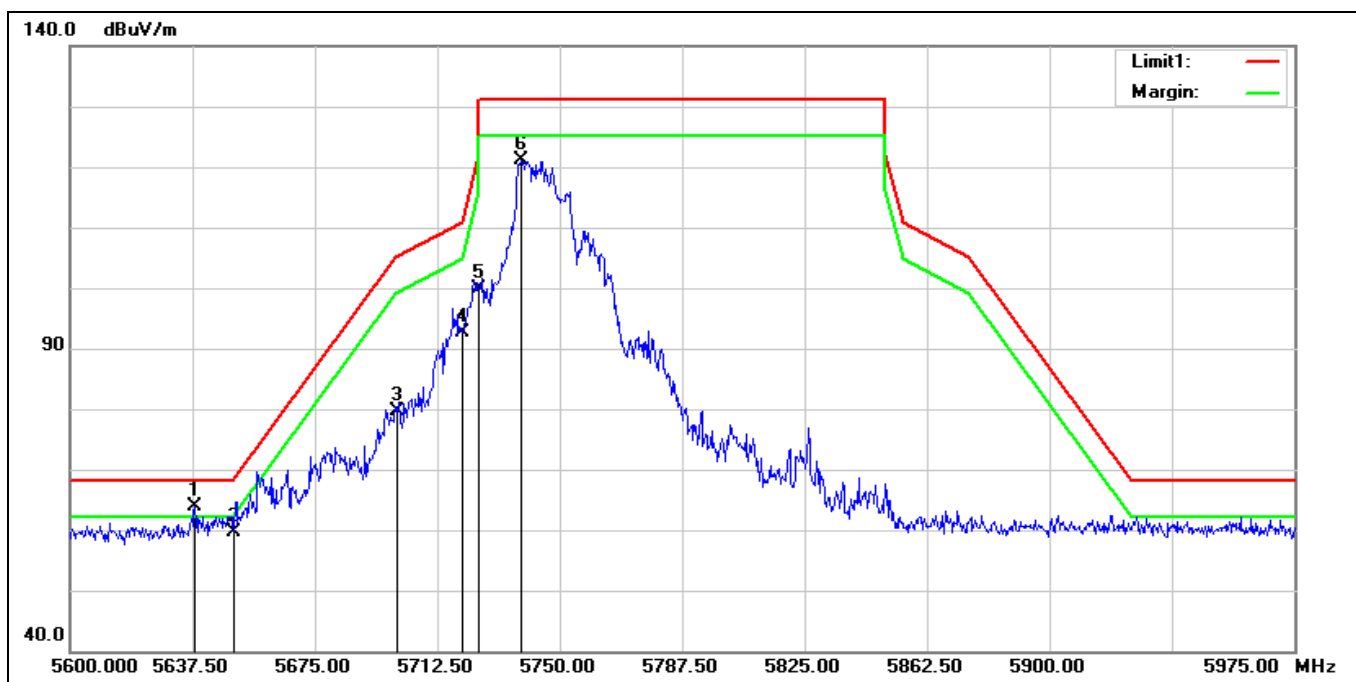
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5139.360	61.61	1.40	63.01	74.00	-10.99	peak
2	5150.000	59.30	1.42	60.72	74.00	-13.28	peak
3*	5236.320	119.89	1.11	121.00	68.20	52.80	peak
4	5350.000	56.11	1.08	57.19	74.00	-16.81	peak
5	5436.960	58.98	1.66	60.64	74.00	-13.36	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5745 MHz		
Remark:			



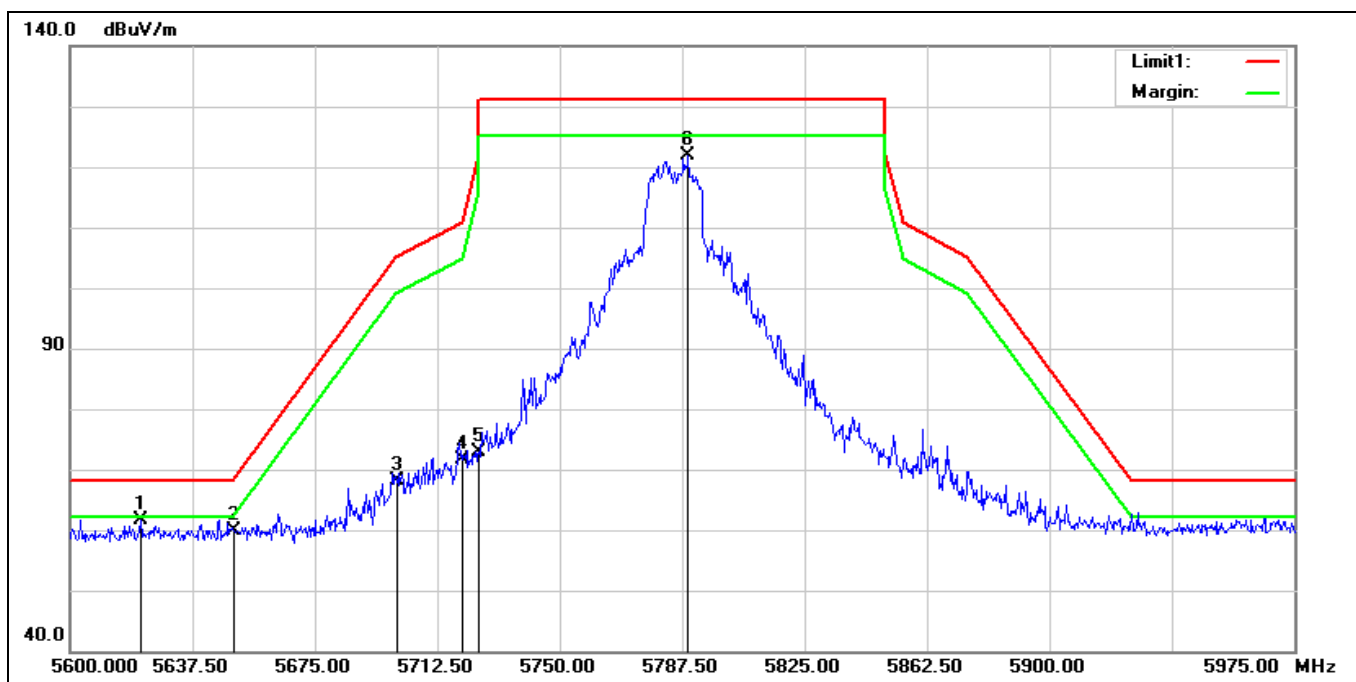
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5648.375	64.52	1.91	66.43	68.20	-1.77	peak
2!	5650.000	61.25	1.90	63.15	68.20	-5.05	peak
3	5700.000	77.27	2.06	79.33	105.20	-25.87	peak
4	5720.000	91.13	2.26	93.39	110.80	-17.41	peak
5	5725.000	99.55	2.30	101.85	122.20	-20.35	peak
6	5747.750	120.48	2.52	123.00	131.20	-8.20	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5745 MHz		
Remark:			



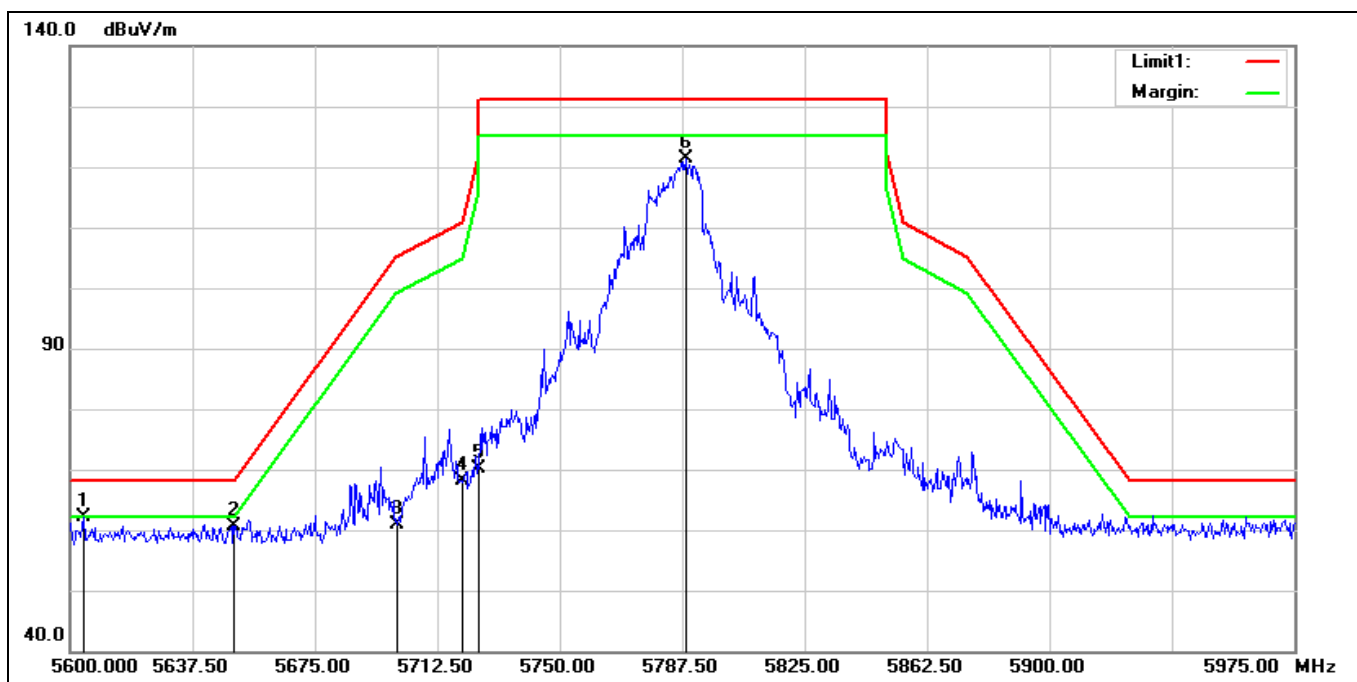
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5638.250	61.99	1.93	63.92	68.20	-4.28	peak
2	5650.000	57.77	1.90	59.67	68.20	-8.53	peak
3	5700.000	77.58	2.06	79.64	105.20	-25.56	peak
4	5720.000	90.47	2.26	92.73	110.80	-18.07	peak
5	5725.000	97.64	2.30	99.94	122.20	-22.26	peak
6	5738.375	118.80	2.43	121.23	131.20	-9.97	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5785 MHz		
Remark:			



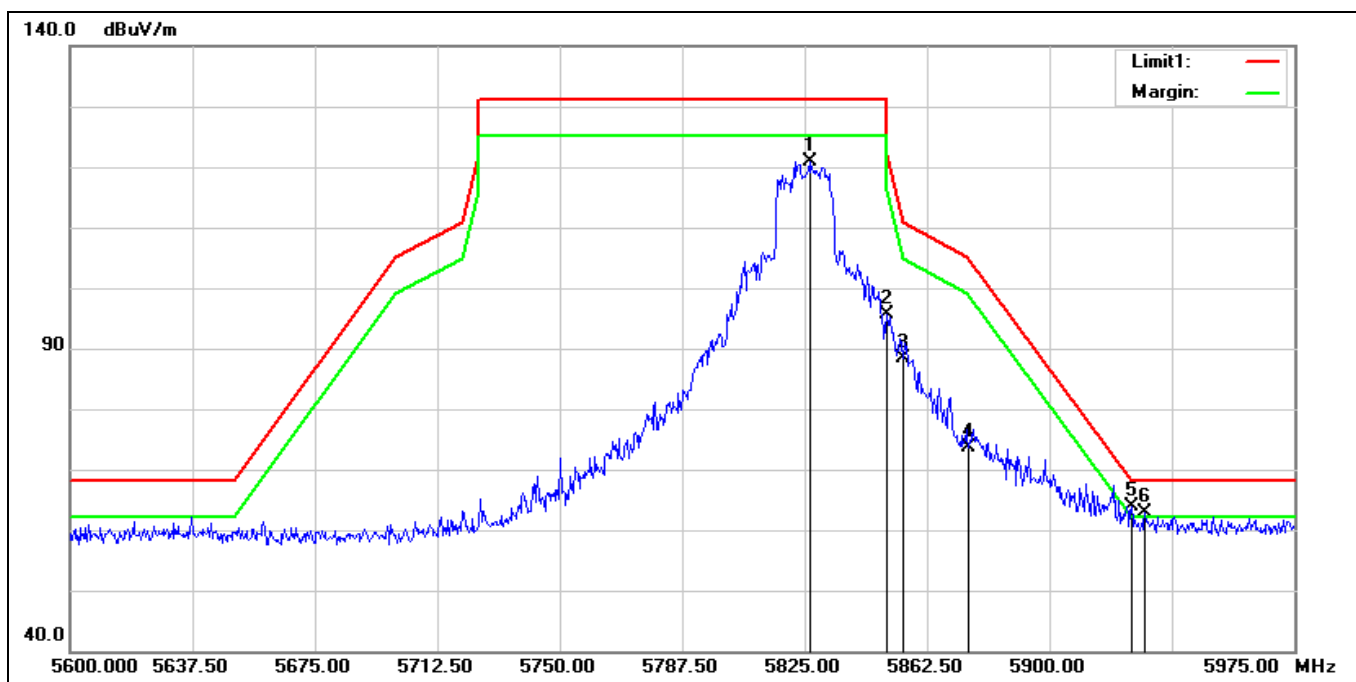
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5621.750	59.70	1.97	61.67	68.20	-6.53	peak
2	5650.000	57.93	1.90	59.83	68.20	-8.37	peak
3	5700.000	65.96	2.06	68.02	105.20	-37.18	peak
4	5720.000	69.37	2.26	71.63	110.80	-39.17	peak
5	5725.000	70.46	2.30	72.76	122.20	-49.44	peak
6	5789.375	119.09	2.76	121.85	131.20	-9.35	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5785 MHz		
Remark:			



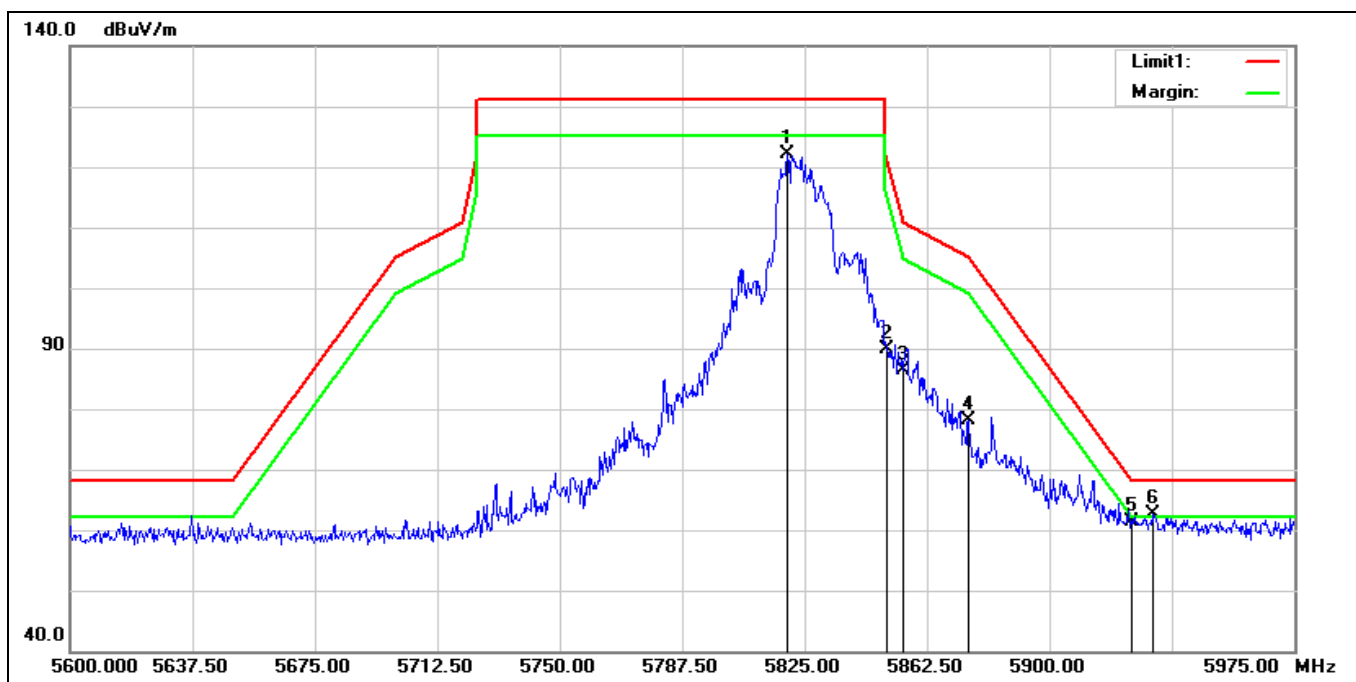
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5604.125	60.14	2.00	62.14	68.20	-6.06	peak
2	5650.000	58.83	1.90	60.73	68.20	-7.47	peak
3	5700.000	58.74	2.06	60.80	105.20	-44.40	peak
4	5720.000	65.80	2.26	68.06	110.80	-42.74	peak
5	5725.000	67.81	2.30	70.11	122.20	-52.09	peak
6	5788.625	118.58	2.75	121.33	131.20	-9.87	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5825 MHz		
Remark:			



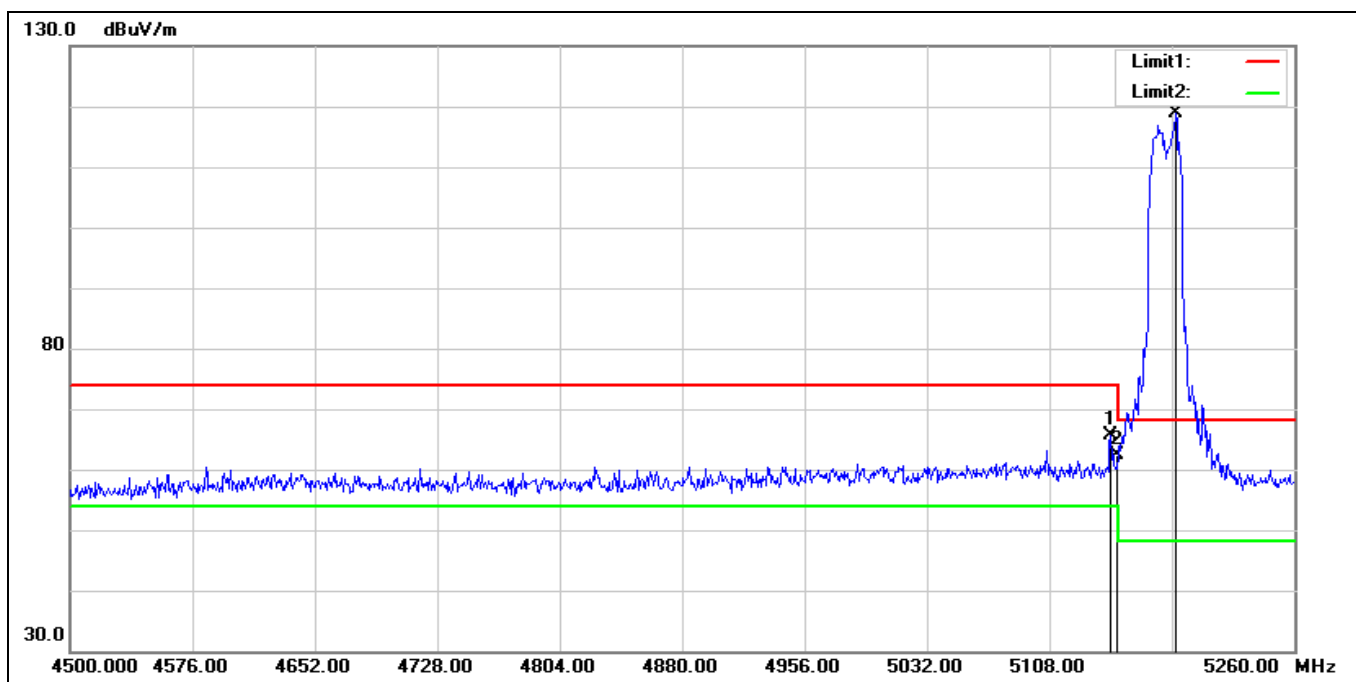
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5826.500	117.95	2.91	120.86	131.20	-10.34	peak
2	5850.000	92.63	2.98	95.61	122.20	-26.59	peak
3	5855.000	85.34	3.01	88.35	110.80	-22.45	peak
4	5875.000	70.46	3.07	73.53	105.20	-31.67	peak
5*	5925.000	60.80	3.10	63.90	68.20	-4.30	peak
6!	5929.250	59.81	3.08	62.89	68.20	-5.31	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5825 MHz		
Remark:			



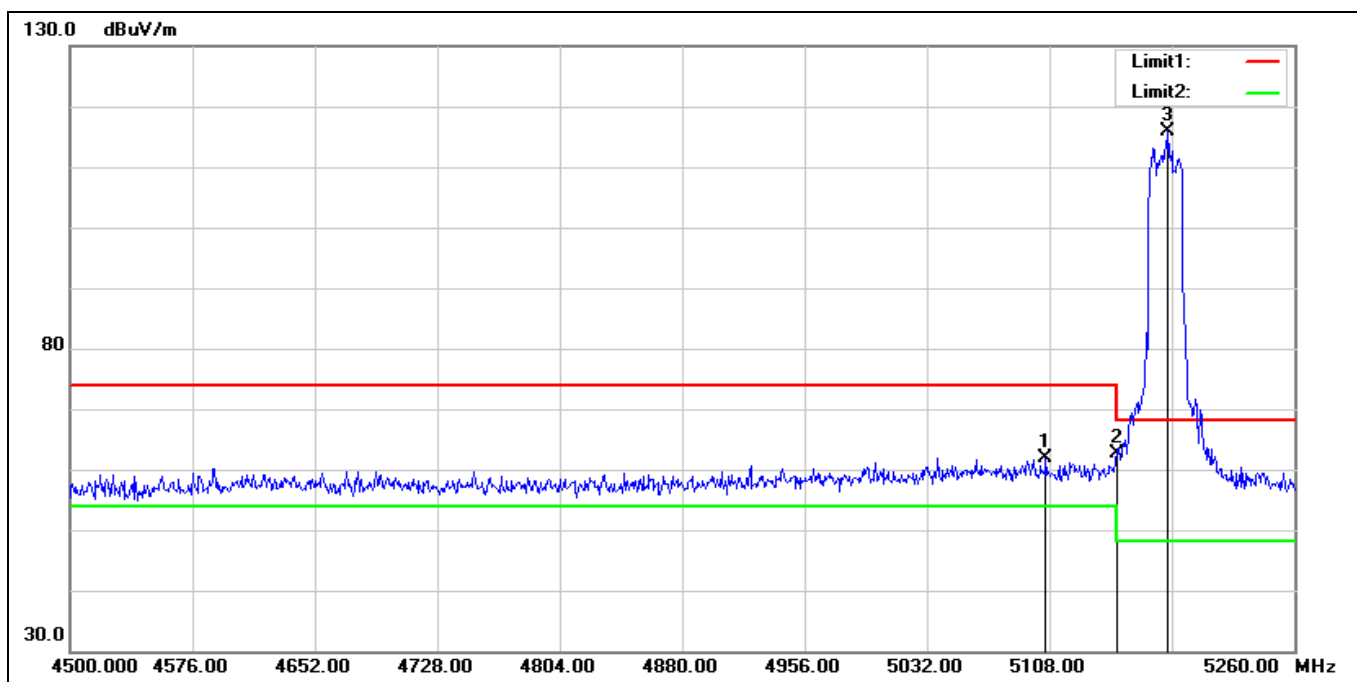
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5819.750	119.23	2.88	122.11	131.20	-9.09	peak
2	5850.000	86.91	2.98	89.89	122.20	-32.31	peak
3	5855.000	83.44	3.01	86.45	110.80	-24.35	peak
4	5875.000	75.08	3.07	78.15	105.20	-27.05	peak
5	5925.000	58.34	3.10	61.44	68.20	-6.76	peak
6*	5931.500	59.51	3.07	62.58	68.20	-5.62	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE20 5180 MHz		
Remark:			



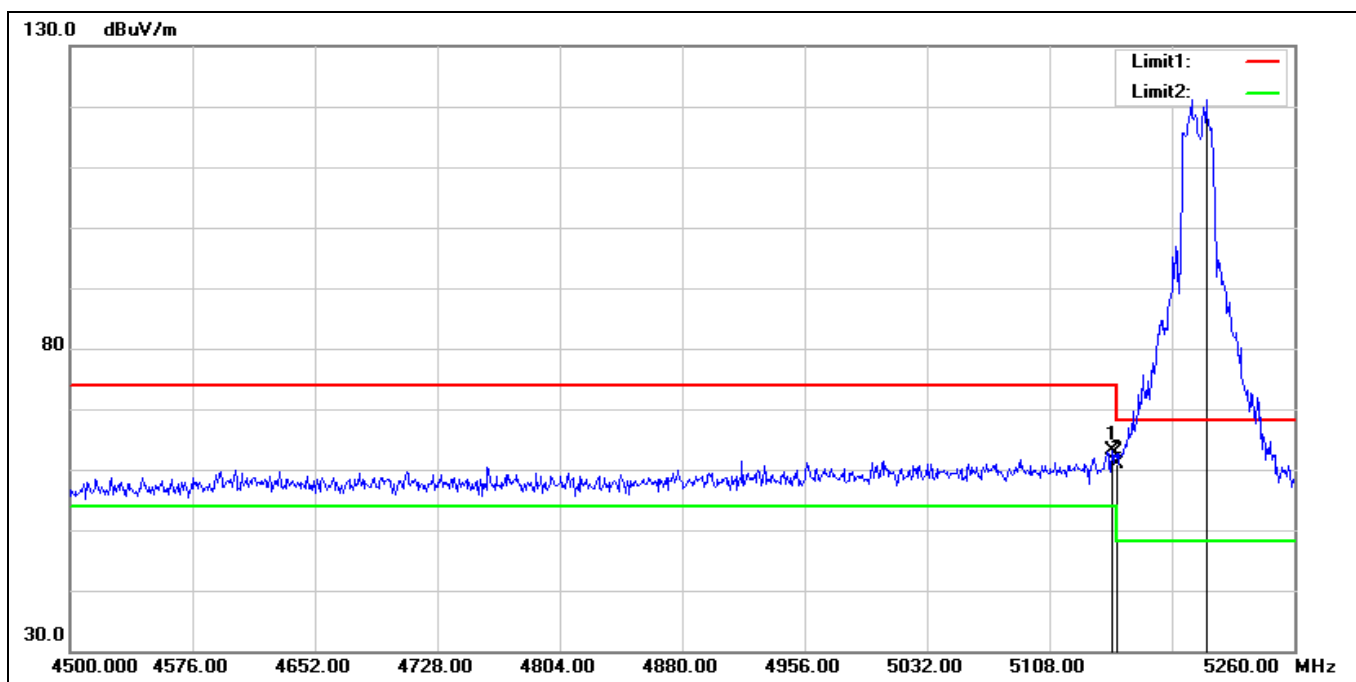
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.000	64.30	1.42	65.72	74.00	-8.28	peak
2	5150.000	61.03	1.42	62.45	74.00	-11.55	peak
3*	5186.280	117.55	1.31	118.86	68.20	50.66	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE20 5180 MHz		
Remark:			



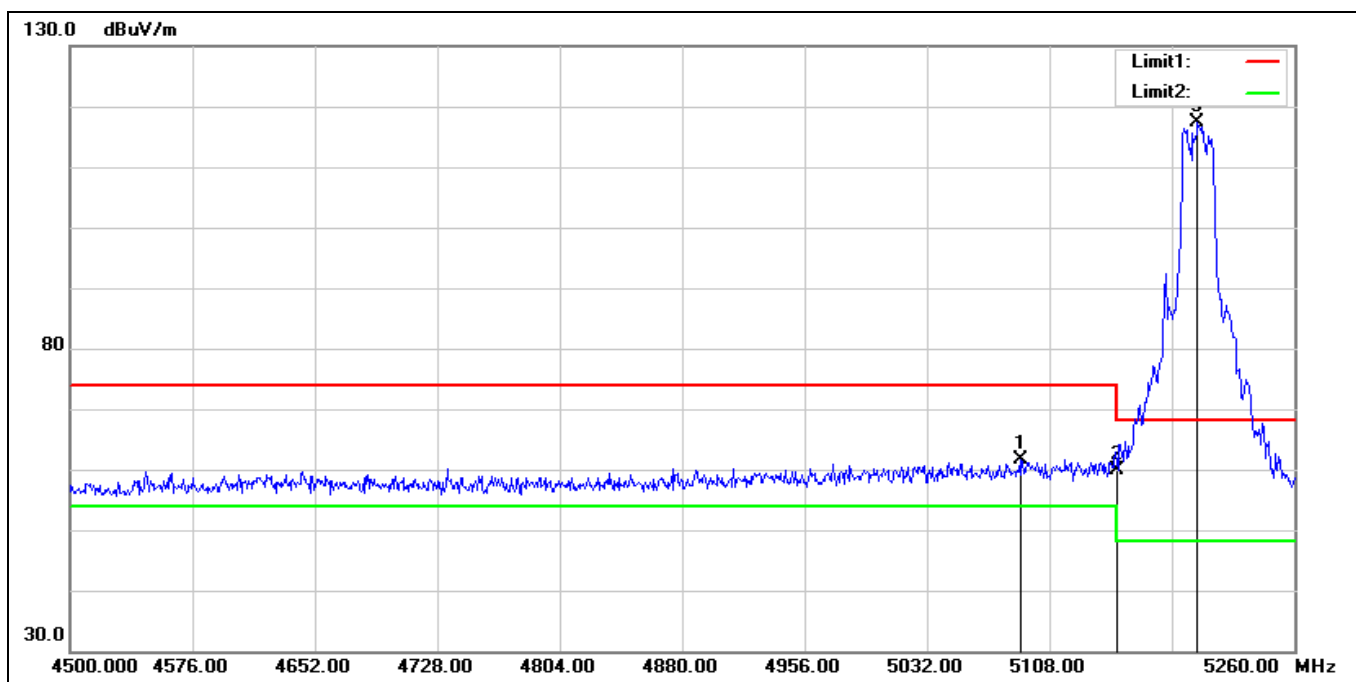
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5105.720	60.59	1.36	61.95	74.00	-12.05	peak
2	5150.000	61.33	1.42	62.75	74.00	-11.25	peak
3*	5181.720	114.60	1.33	115.93	68.20	47.73	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE20 5200 MHz		
Remark:			



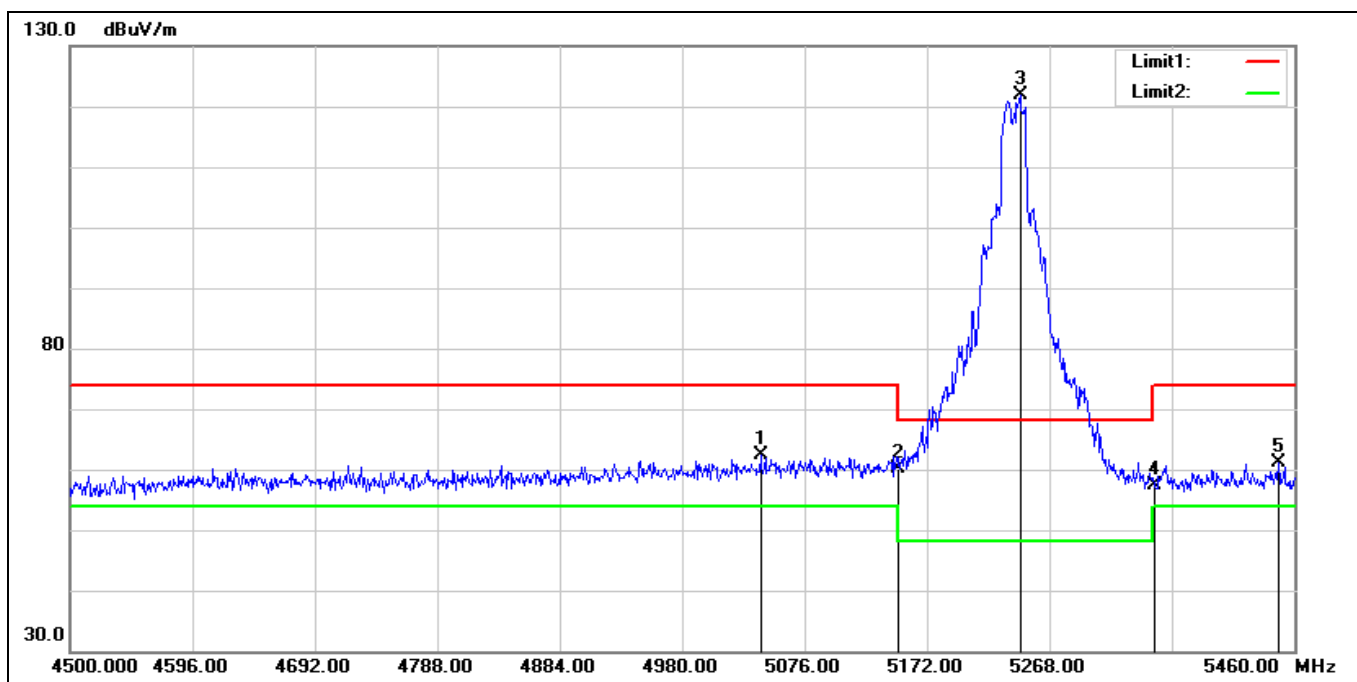
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.760	61.59	1.42	63.01	74.00	-10.99	peak
2	5150.000	59.37	1.42	60.79	74.00	-13.21	peak
3*	5205.280	119.88	1.26	121.14	68.20	52.94	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE20 5200 MHz		
Remark:			



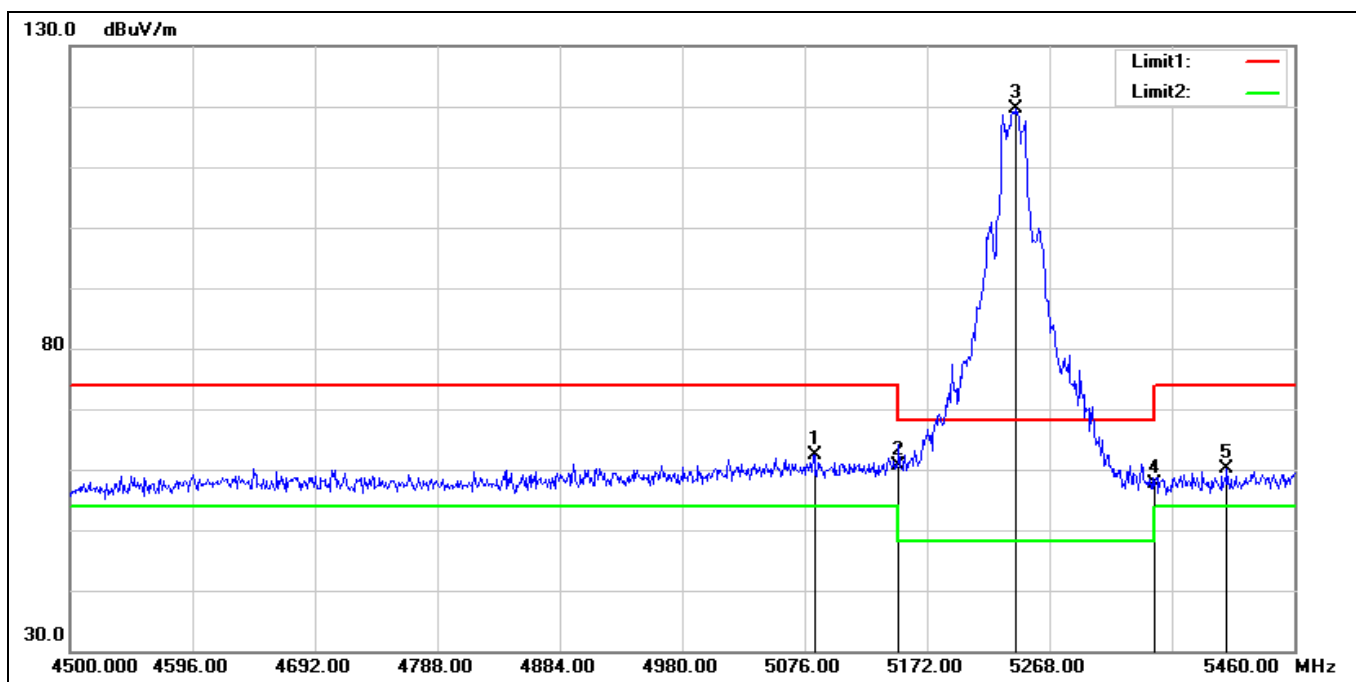
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5089.760	60.41	1.29	61.70	74.00	-12.30	peak
2	5150.000	58.47	1.42	59.89	74.00	-14.11	peak
3*	5199.960	116.19	1.28	117.47	68.20	49.27	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE20 5240 MHz		
Remark:			



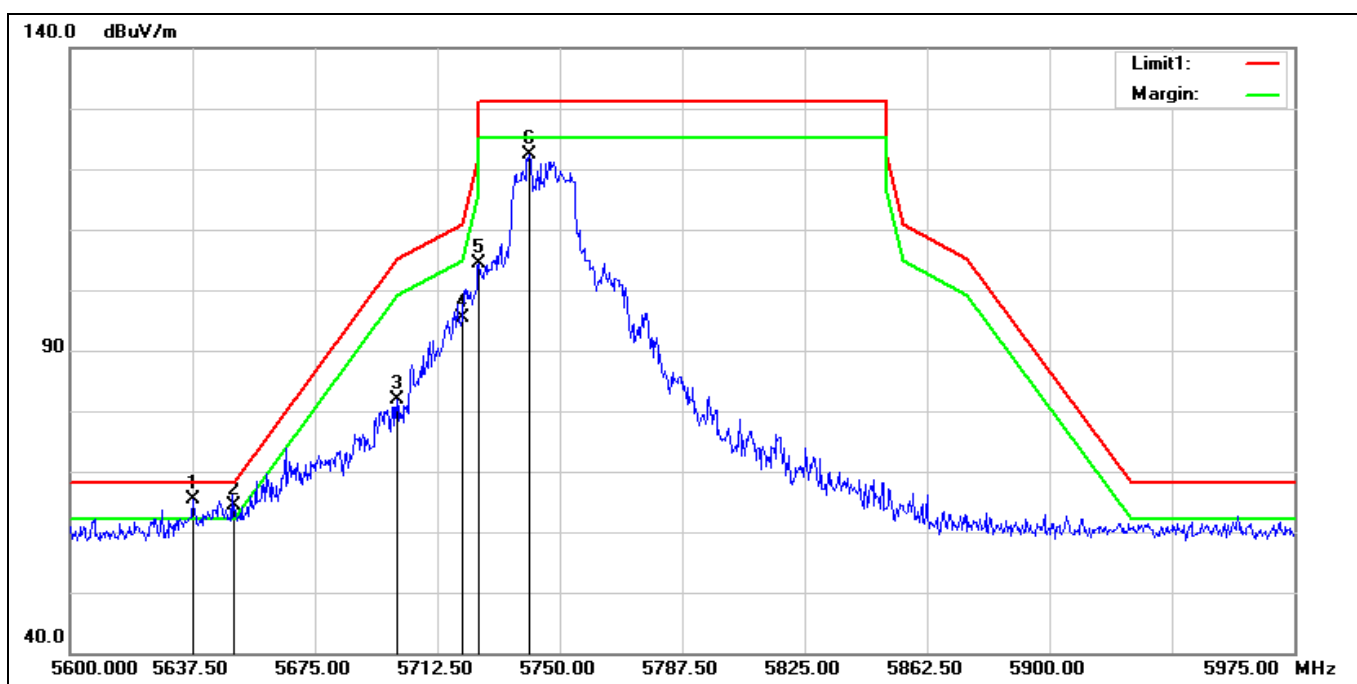
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5041.440	61.29	1.02	62.31	74.00	-11.69	peak
2	5150.000	58.81	1.42	60.23	74.00	-13.77	peak
3*	5244.960	120.80	1.08	121.88	68.20	53.68	peak
4	5350.000	56.39	1.08	57.47	74.00	-16.53	peak
5	5447.520	59.52	1.71	61.23	74.00	-12.77	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE20 5240 MHz		
Remark:			



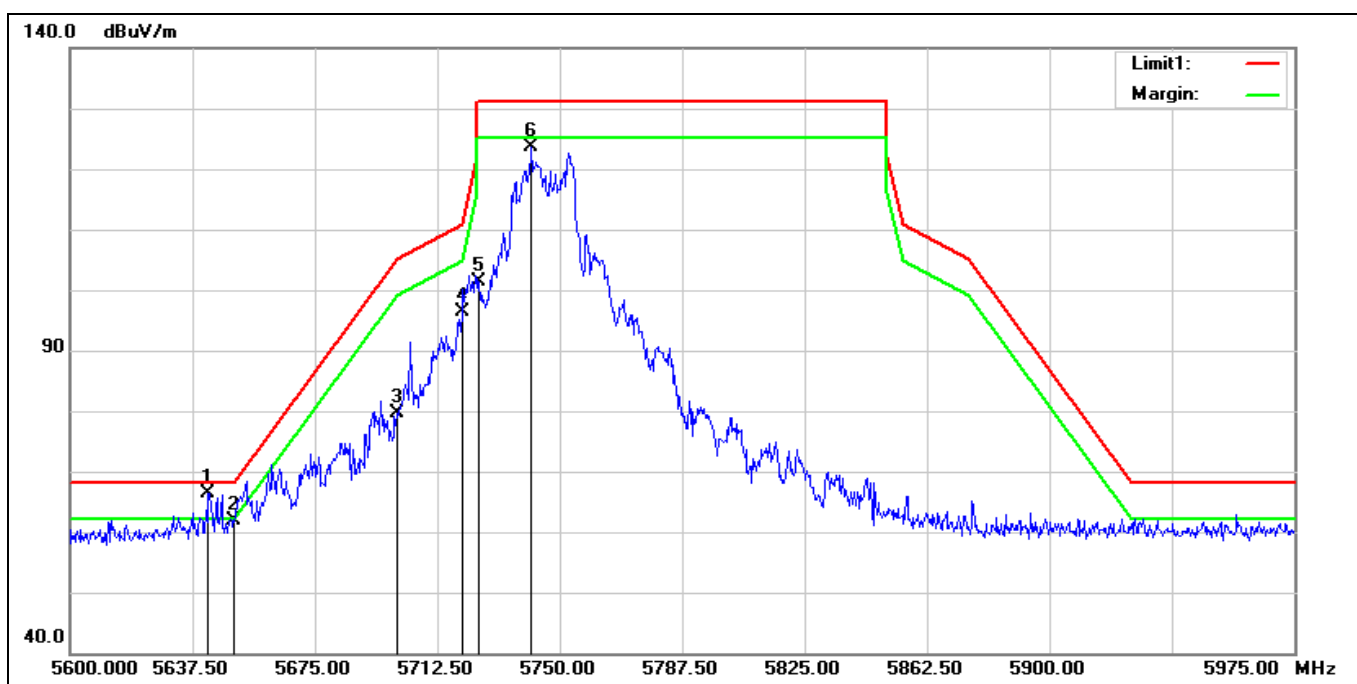
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5083.680	61.14	1.26	62.40	74.00	-11.60	peak
2	5150.000	59.30	1.42	60.72	74.00	-13.28	peak
3*	5241.120	118.62	1.08	119.70	68.20	51.50	peak
4	5350.000	56.48	1.08	57.56	74.00	-16.44	peak
5	5407.200	58.47	1.56	60.03	74.00	-13.97	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE20 5745 MHz		
Remark:			



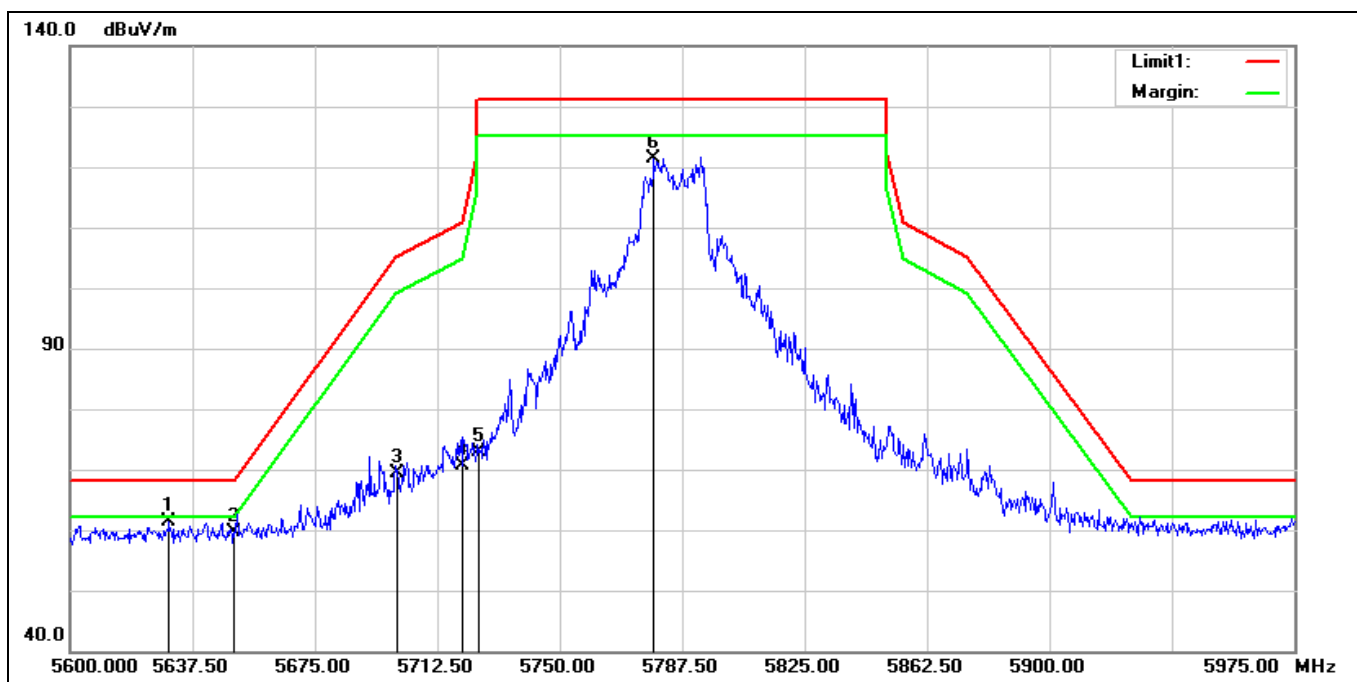
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5637.500	63.33	1.93	65.26	68.20	-2.94	peak
2!	5650.000	62.45	1.90	64.35	68.20	-3.85	peak
3	5700.000	79.94	2.06	82.00	105.20	-23.20	peak
4	5720.000	93.00	2.26	95.26	110.80	-15.54	peak
5	5725.000	102.14	2.30	104.44	122.20	-17.76	peak
6	5740.625	119.92	2.44	122.36	131.20	-8.84	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE20 5745 MHz		
Remark:			



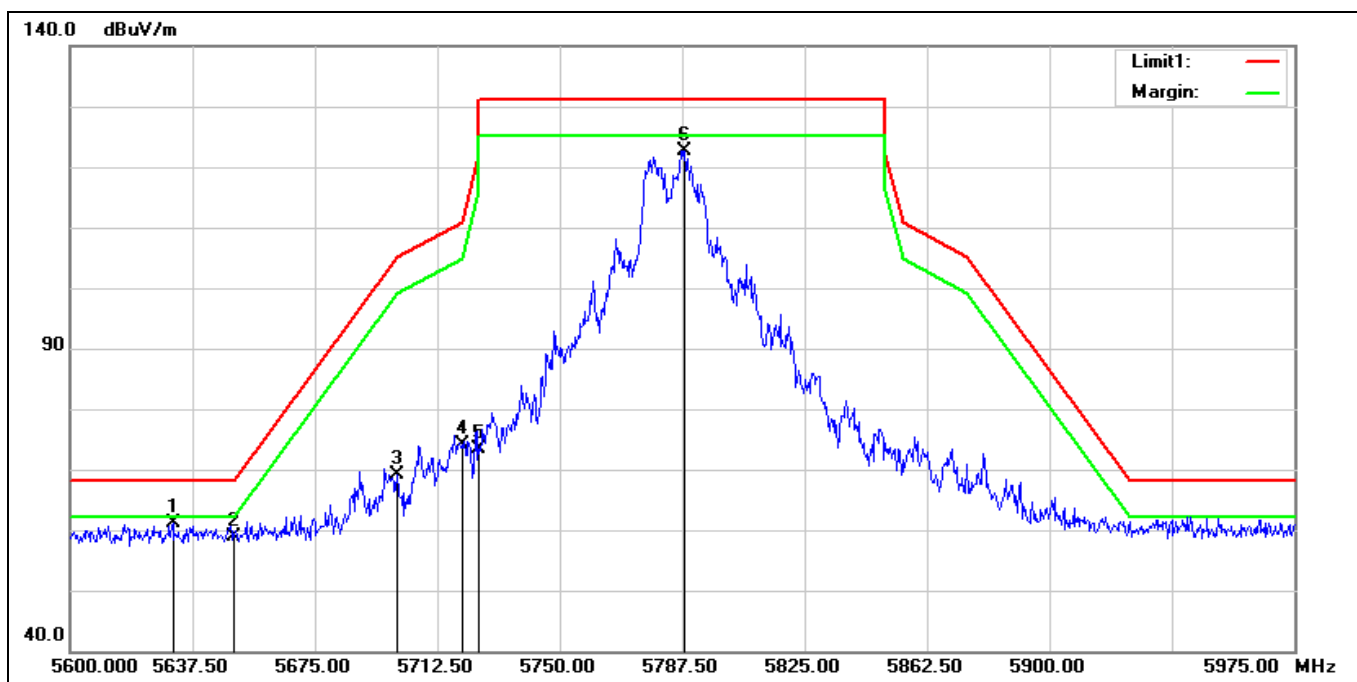
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5642.375	64.40	1.91	66.31	68.20	-1.89	peak
2	5650.000	60.02	1.90	61.92	68.20	-6.28	peak
3	5700.000	77.47	2.06	79.53	105.20	-25.67	peak
4	5720.000	94.20	2.26	96.46	110.80	-14.34	peak
5	5725.000	99.13	2.30	101.43	122.20	-20.77	peak
6	5741.375	121.28	2.45	123.73	131.20	-7.47	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE20 5785 MHz		
Remark:			



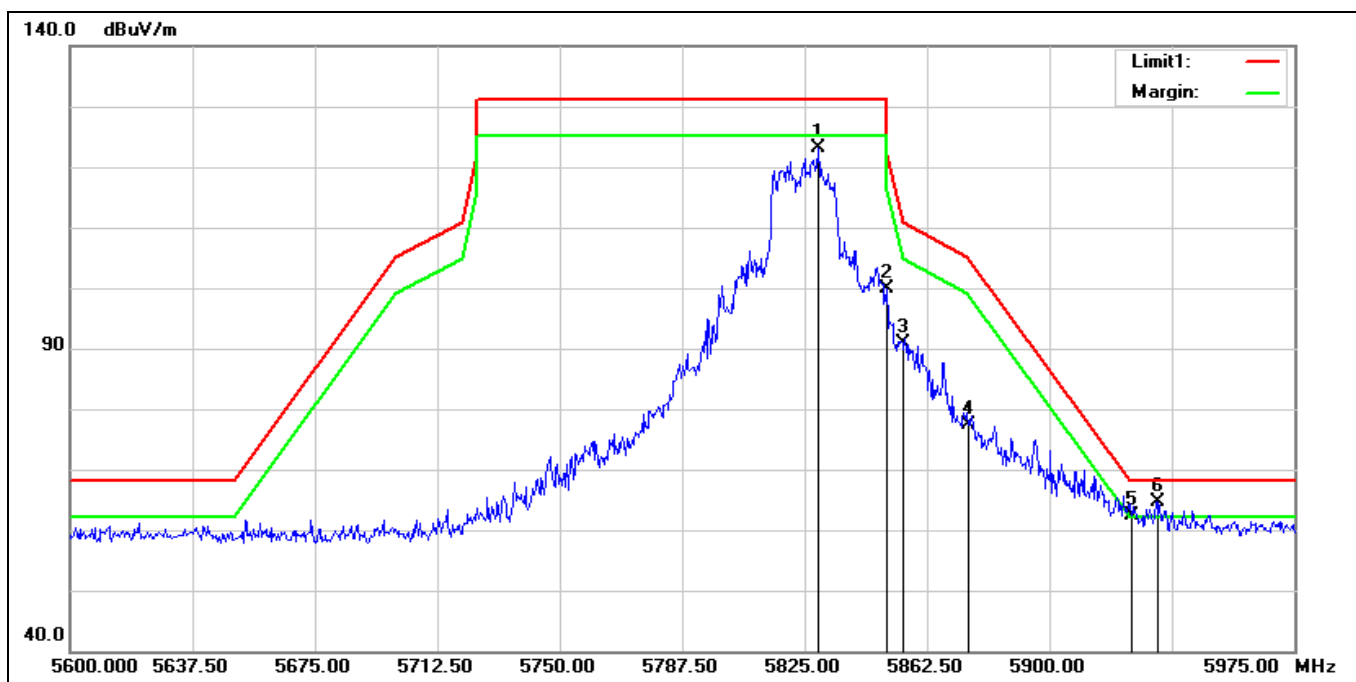
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5630.375	59.41	1.94	61.35	68.20	-6.85	peak
2	5650.000	57.73	1.90	59.63	68.20	-8.57	peak
3	5700.000	67.34	2.06	69.40	105.20	-35.80	peak
4	5720.000	68.34	2.26	70.60	110.80	-40.20	peak
5	5725.000	70.52	2.30	72.82	122.20	-49.38	peak
6	5778.875	118.70	2.70	121.40	131.20	-9.80	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE20 5785 MHz		
Remark:			



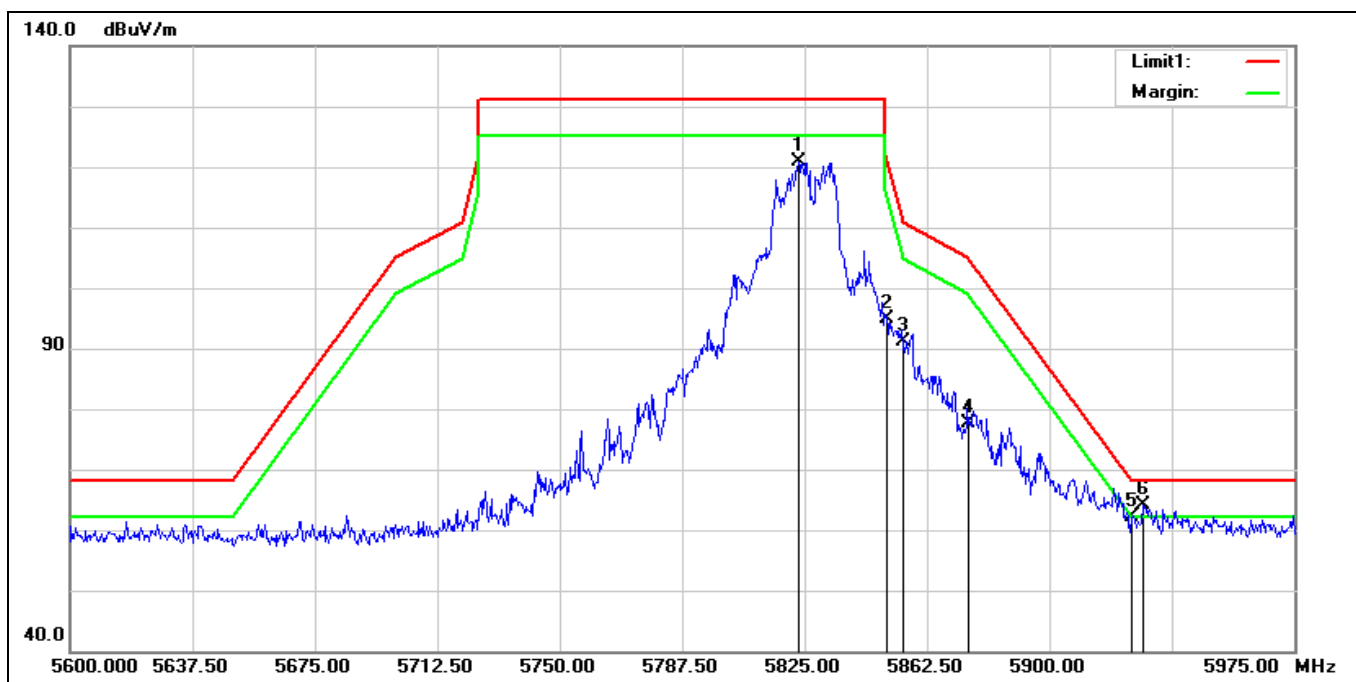
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5631.500	59.28	1.93	61.21	68.20	-6.99	peak
2	5650.000	56.99	1.90	58.89	68.20	-9.31	peak
3	5700.000	67.01	2.06	69.07	105.20	-36.13	peak
4	5720.000	71.87	2.26	74.13	110.80	-36.67	peak
5	5725.000	71.05	2.30	73.35	122.20	-48.85	peak
6	5788.250	119.88	2.75	122.63	131.20	-8.57	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE20 5825 MHz		
Remark:			



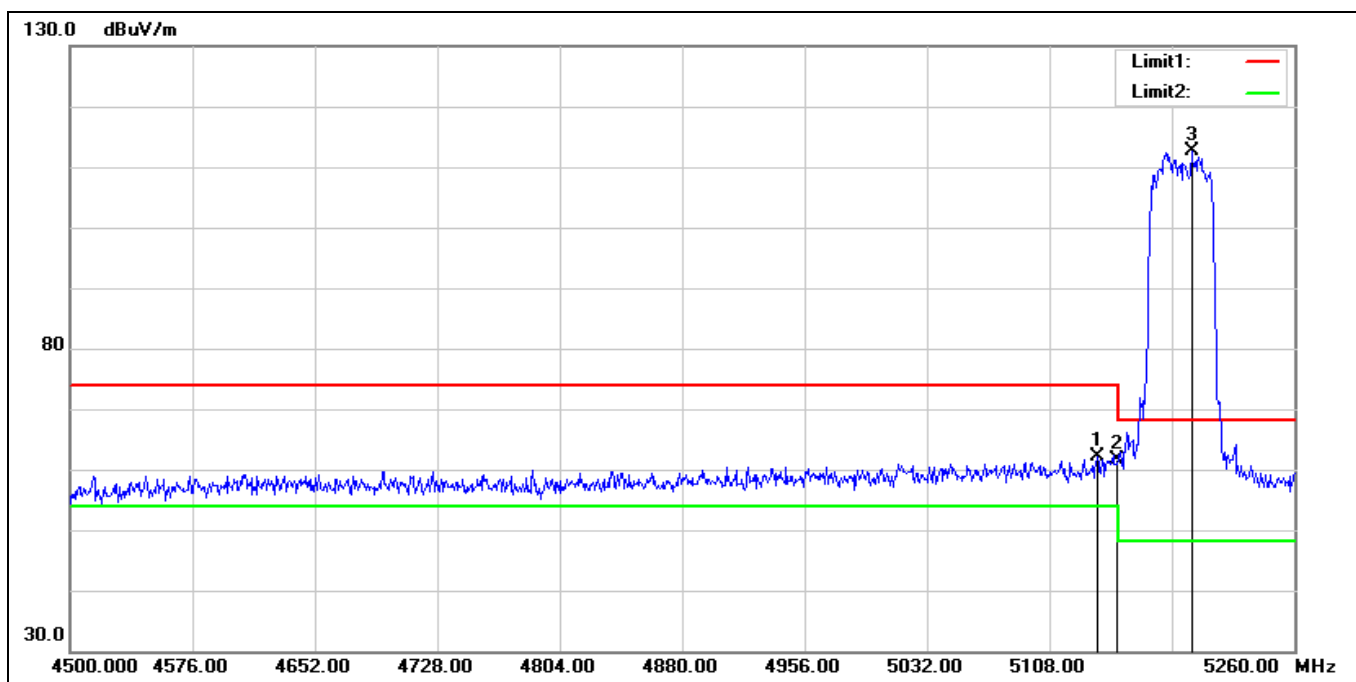
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5829.125	120.31	2.92	123.23	131.20	-7.97	peak
2	5850.000	96.92	2.98	99.90	122.20	-22.30	peak
3	5855.000	87.80	3.01	90.81	110.80	-19.99	peak
4	5875.000	74.22	3.07	77.29	105.20	-27.91	peak
5!	5925.000	59.17	3.10	62.27	68.20	-5.93	peak
6*	5933.000	61.62	3.07	64.69	68.20	-3.51	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE20 5825 MHz		
Remark:			



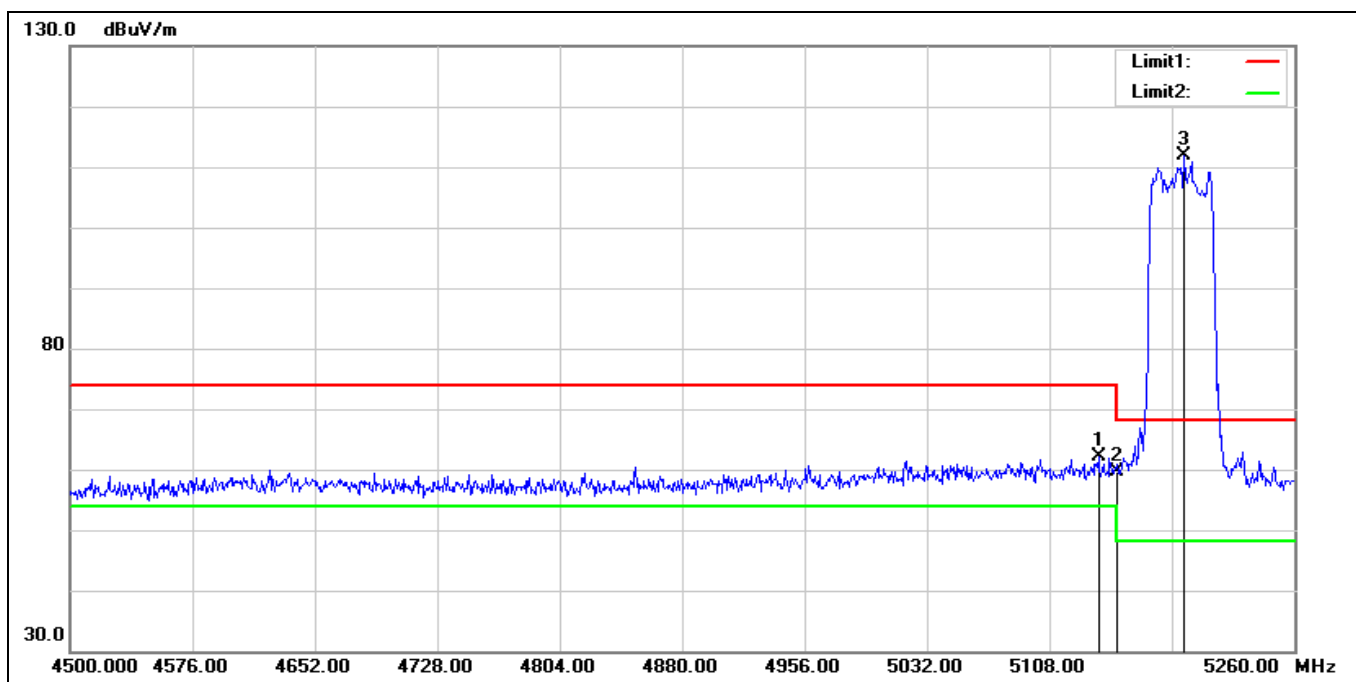
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5823.125	117.93	2.89	120.82	131.20	-10.38	peak
2	5850.000	91.89	2.98	94.87	122.20	-27.33	peak
3	5855.000	88.21	3.01	91.22	110.80	-19.58	peak
4	5875.000	74.54	3.07	77.61	105.20	-27.59	peak
5	5925.000	58.94	3.10	62.04	68.20	-6.16	peak
6*	5928.500	61.02	3.09	64.11	68.20	-4.09	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE40 5190 MHz		
Remark:			



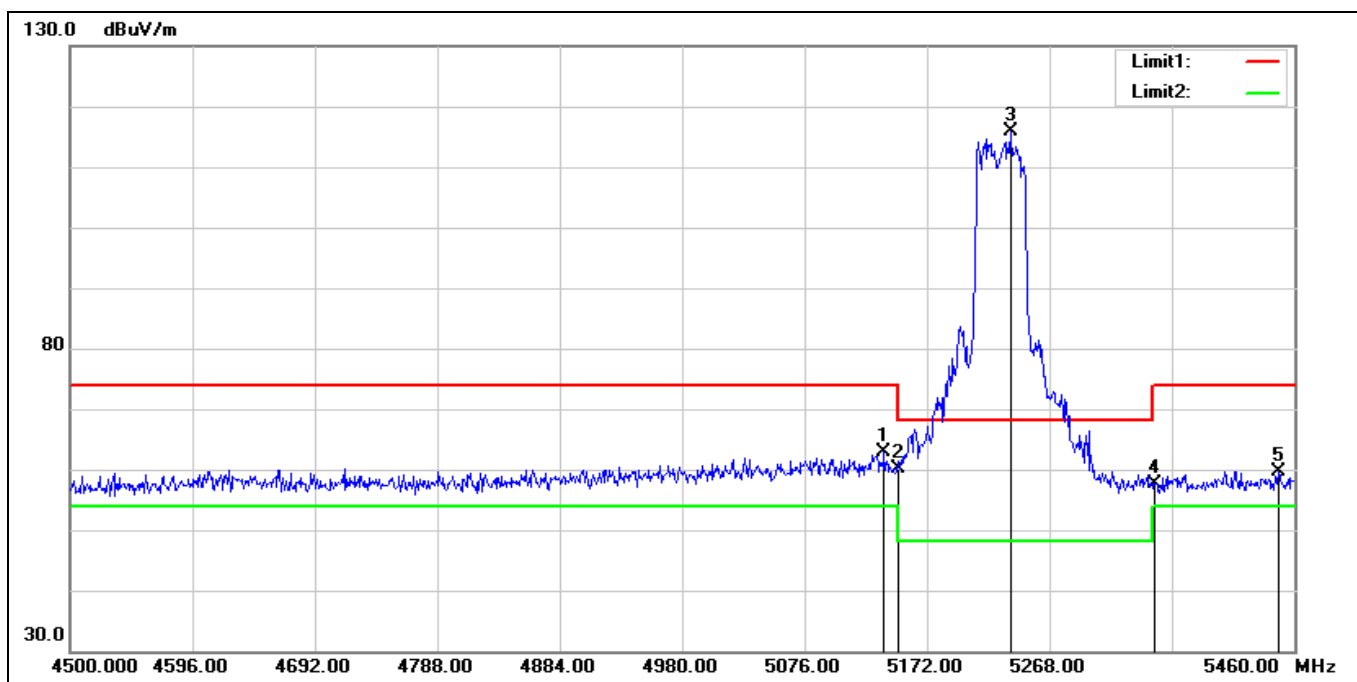
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5137.640	60.66	1.40	62.06	74.00	-11.94	peak
2	5150.000	60.27	1.42	61.69	74.00	-12.31	peak
3*	5196.160	111.37	1.30	112.67	68.20	44.47	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE40 5190 MHz		
Remark:			



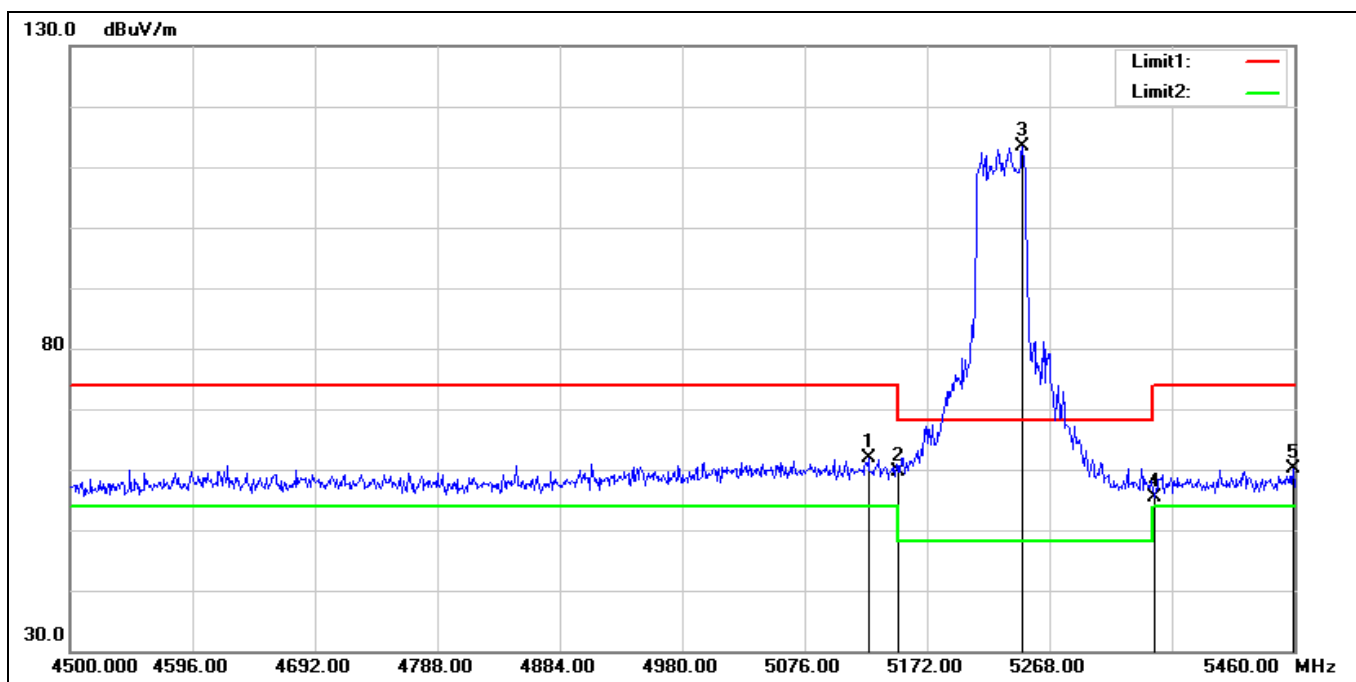
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5138.400	60.63	1.40	62.03	74.00	-11.97	peak
2	5150.000	58.09	1.42	59.51	74.00	-14.49	peak
3*	5191.600	110.51	1.30	111.81	68.20	43.61	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE40 5230 MHz		
Remark:			



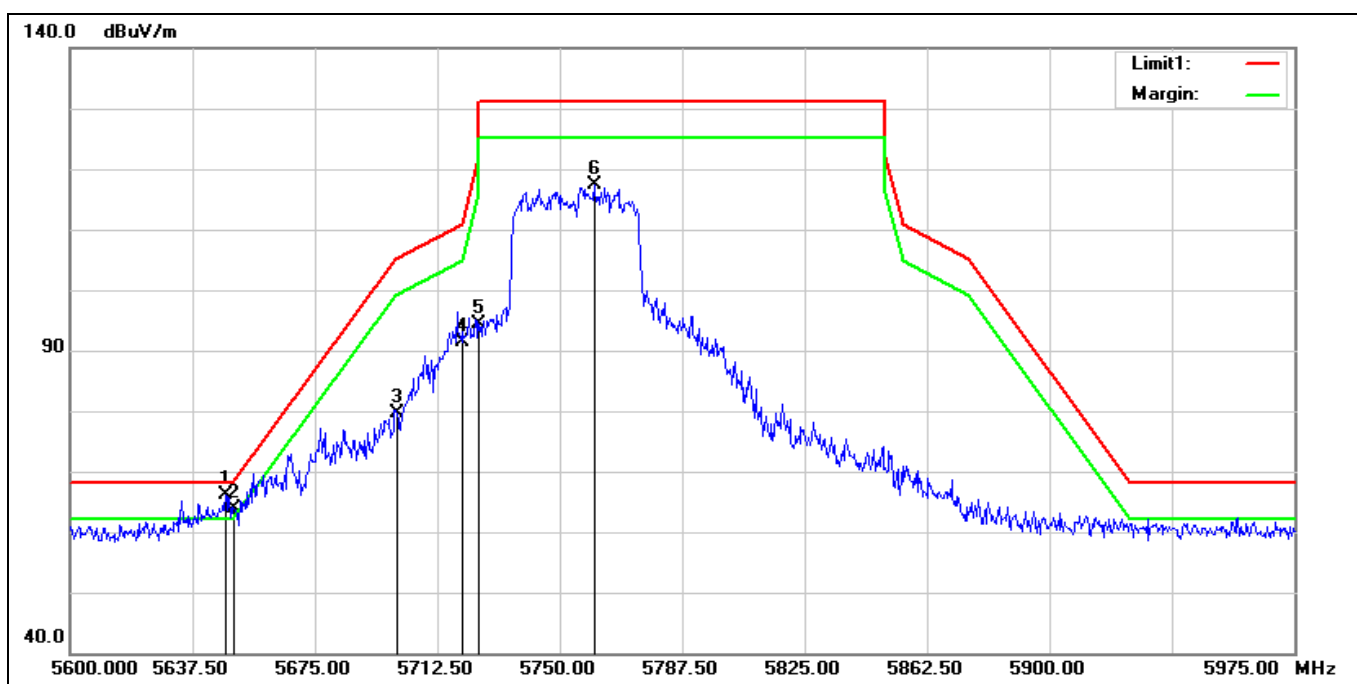
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5138.400	61.60	1.40	63.00	74.00	-11.00	peak
2	5150.000	58.78	1.42	60.20	74.00	-13.80	peak
3*	5237.280	114.89	1.11	116.00	68.20	47.80	peak
4	5350.000	56.56	1.08	57.64	74.00	-16.36	peak
5	5447.520	57.98	1.71	59.69	74.00	-14.31	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE40 5230 MHz		
Remark:			



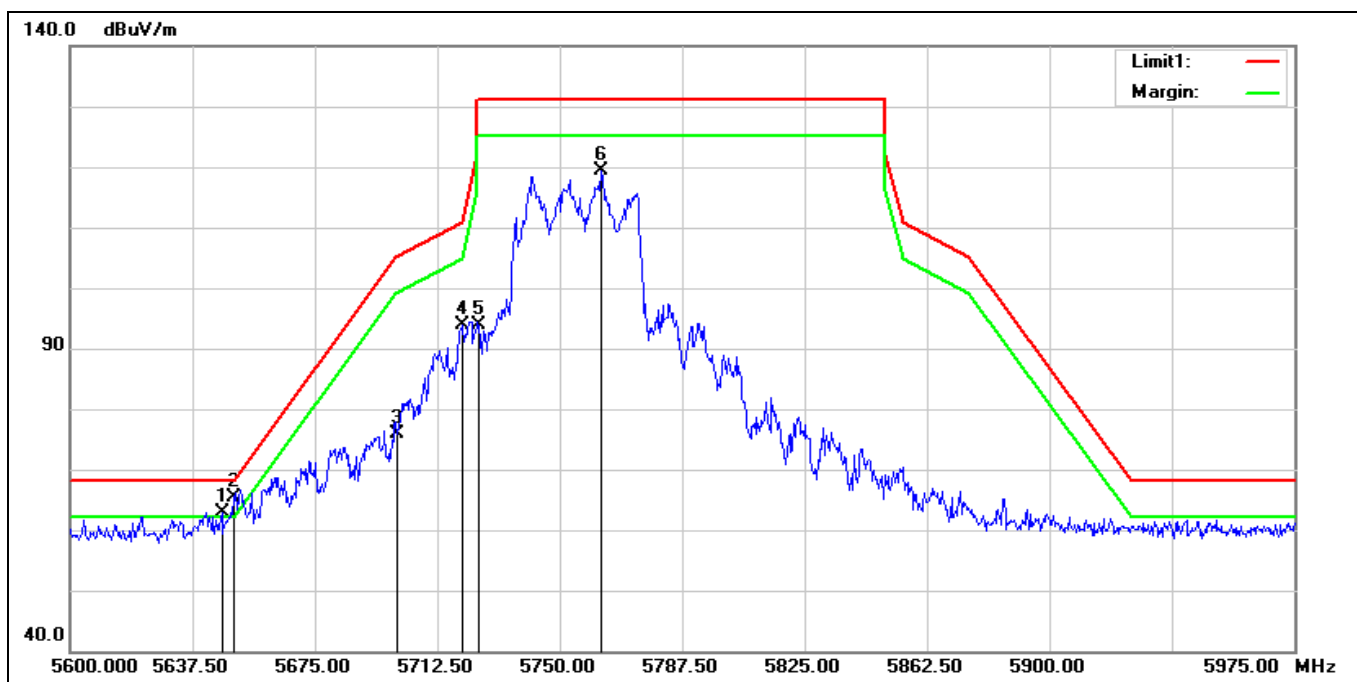
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5125.920	60.46	1.39	61.85	74.00	-12.15	peak
2	5150.000	58.26	1.42	59.68	74.00	-14.32	peak
3*	5246.880	112.34	1.07	113.41	68.20	45.21	peak
4	5350.000	54.33	1.08	55.41	74.00	-18.59	peak
5	5459.040	58.44	1.73	60.17	74.00	-13.83	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE40 5755 MHz		
Remark:			



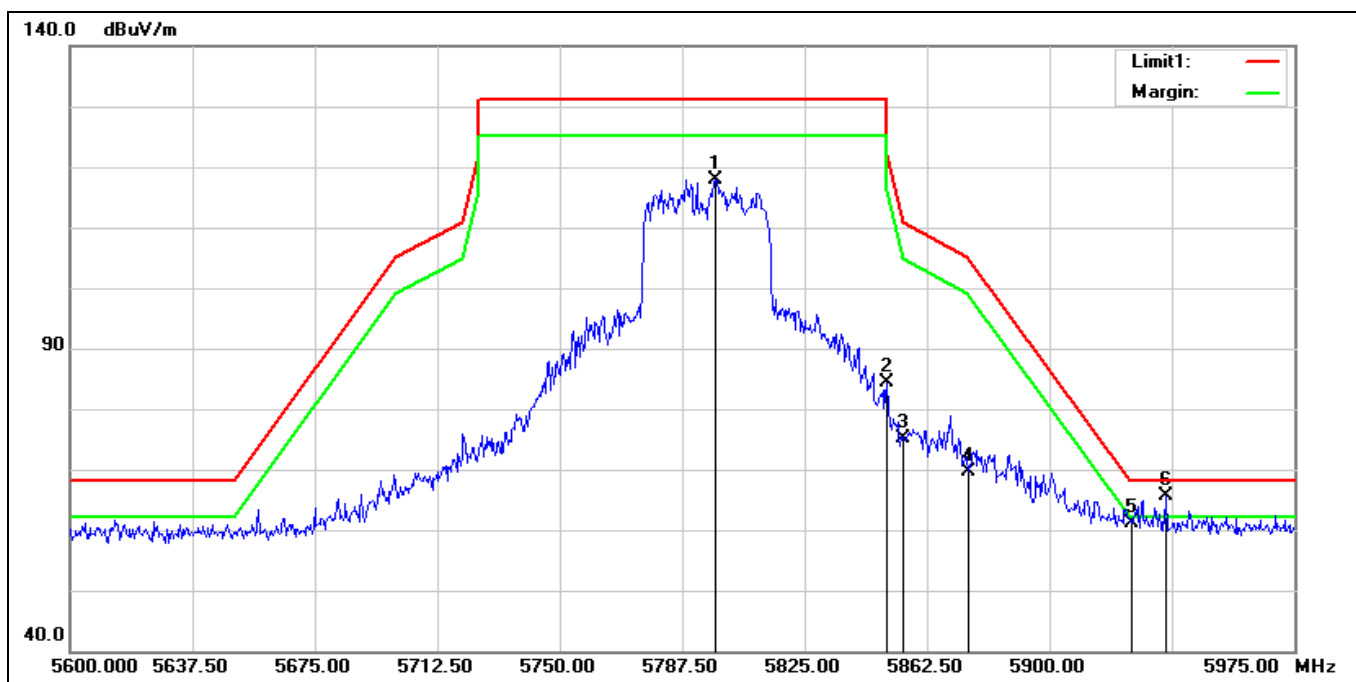
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5647.625	64.29	1.91	66.20	68.20	-2.00	peak
2!	5650.000	61.89	1.90	63.79	68.20	-4.41	peak
3	5700.000	77.64	2.06	79.70	105.20	-25.50	peak
4	5720.000	89.12	2.26	91.38	110.80	-19.42	peak
5	5725.000	91.98	2.30	94.28	122.20	-27.92	peak
6	5760.500	114.89	2.60	117.49	131.20	-13.71	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE40 5755 MHz		
Remark:			



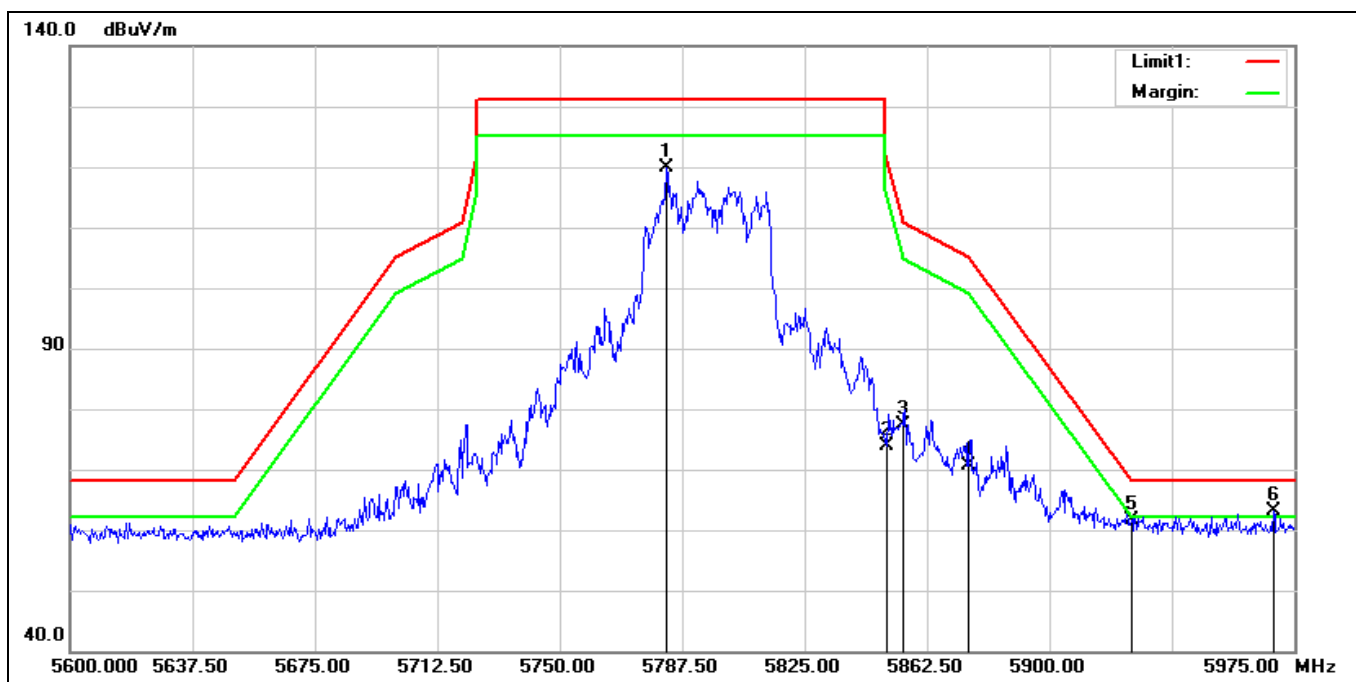
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1!	5646.500	60.94	1.91	62.85	68.20	-5.35	peak
2*	5650.000	63.52	1.90	65.42	68.20	-2.78	peak
3	5700.000	73.92	2.06	75.98	105.20	-29.22	peak
4	5720.000	91.58	2.26	93.84	110.80	-16.96	peak
5	5725.000	91.50	2.30	93.80	122.20	-28.40	peak
6	5762.750	116.89	2.61	119.50	131.20	-11.70	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE40 5795 MHz		
Remark:			



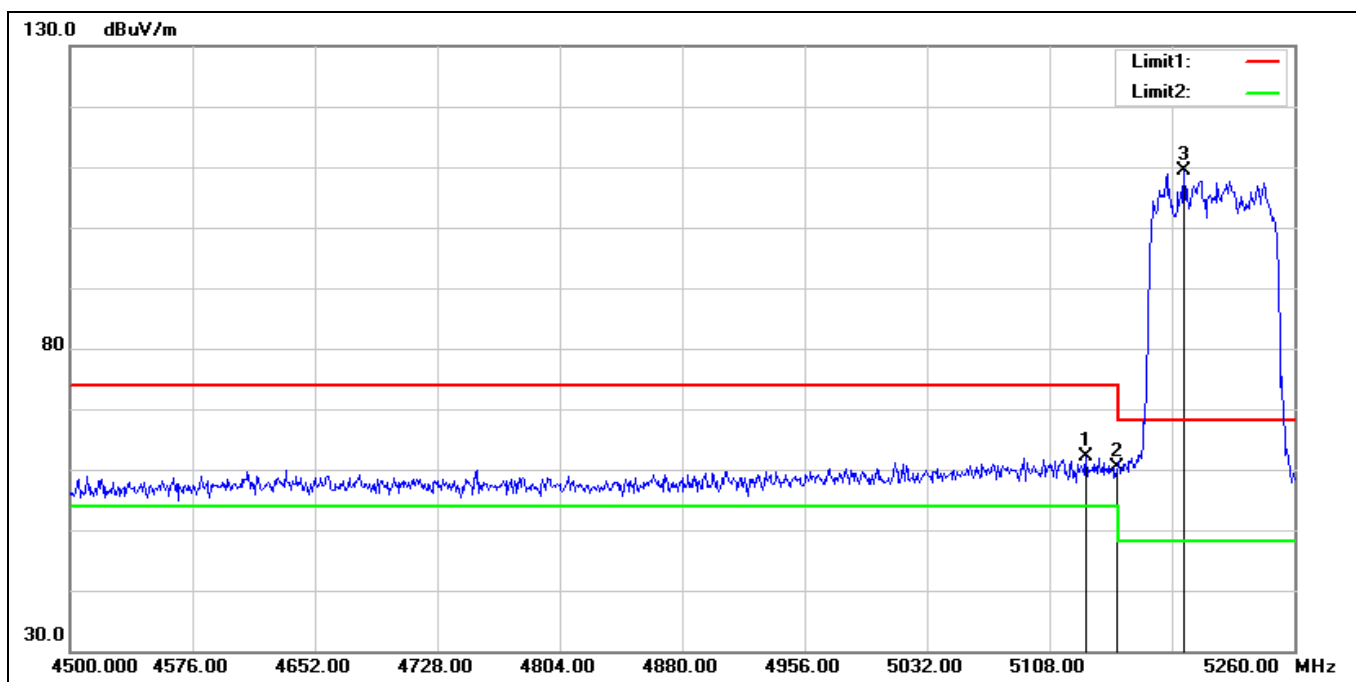
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5797.625	115.15	2.79	117.94	131.20	-13.26	peak
2	5850.000	81.28	2.98	84.26	122.20	-37.94	peak
3	5855.000	72.15	3.01	75.16	110.80	-35.64	peak
4	5875.000	66.57	3.07	69.64	105.20	-35.56	peak
5	5925.000	58.09	3.10	61.19	68.20	-7.01	peak
6*	5935.625	62.49	3.06	65.55	68.20	-2.65	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE40 5795 MHz		
Remark:			



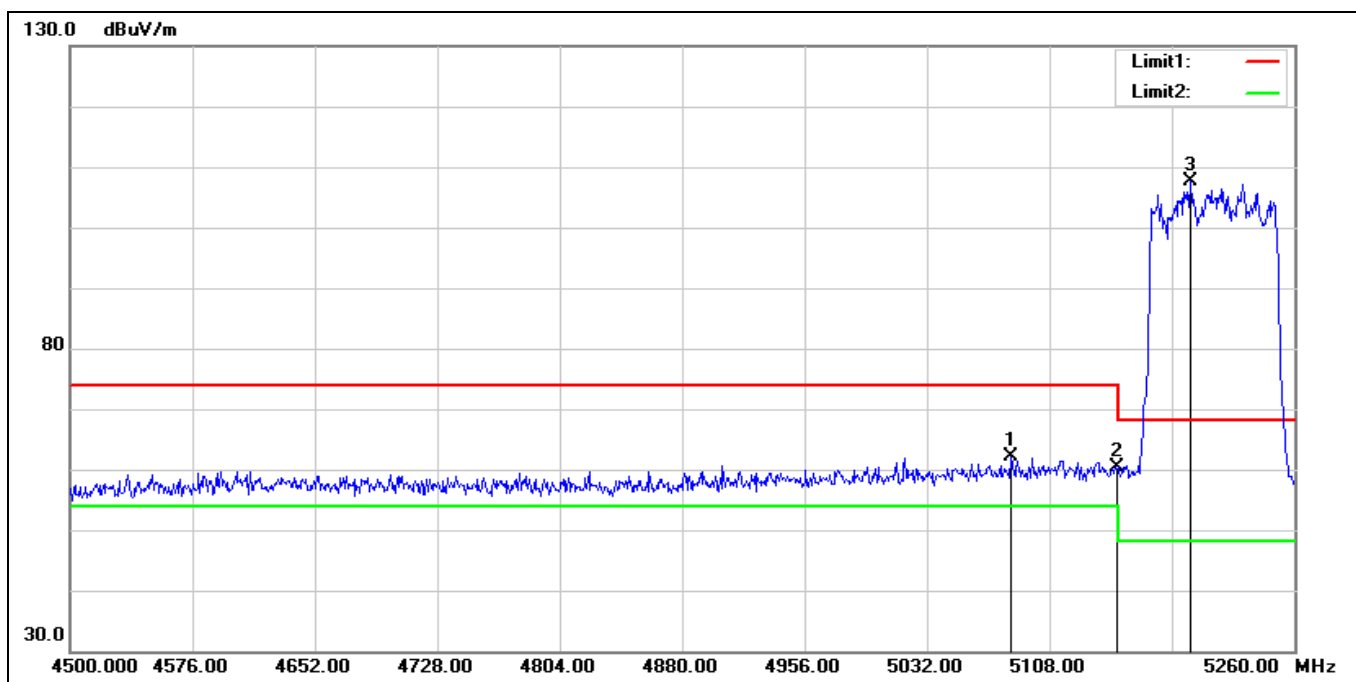
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5782.625	117.07	2.71	119.78	131.20	-11.42	peak
2	5850.000	70.83	2.98	73.81	122.20	-48.39	peak
3	5855.000	74.32	3.01	77.33	110.80	-33.47	peak
4	5875.000	67.66	3.07	70.73	105.20	-34.47	peak
5	5925.000	58.50	3.10	61.60	68.20	-6.60	peak
6*	5968.625	60.06	3.13	63.19	68.20	-5.01	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE80 5210 MHz		
Remark:			



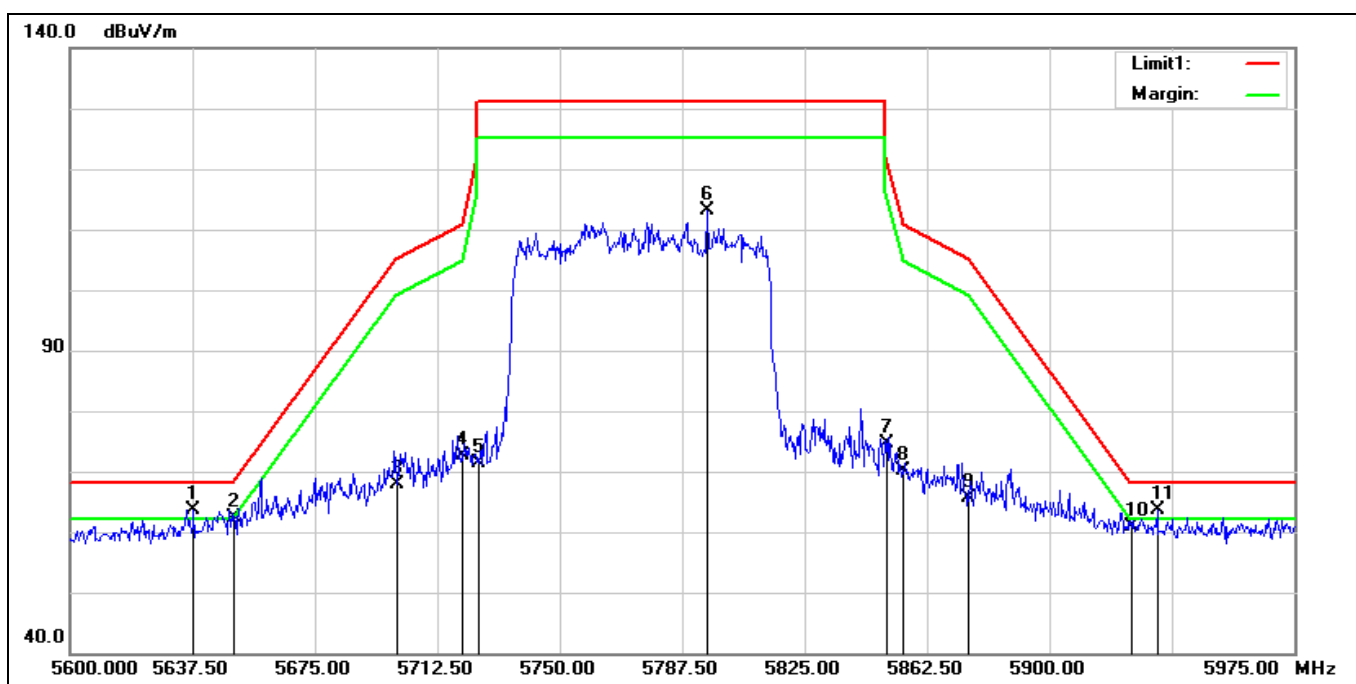
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5130.800	60.69	1.39	62.08	74.00	-11.92	peak
2	5150.000	58.88	1.42	60.30	74.00	-13.70	peak
3*	5191.600	108.20	1.30	109.50	68.20	41.30	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE80 5210 MHz		
Remark:			



No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5084.440	60.88	1.27	62.15	74.00	-11.85	peak
2	5150.000	58.88	1.42	60.30	74.00	-13.70	peak
3*	5195.400	106.29	1.30	107.59	68.20	39.39	peak

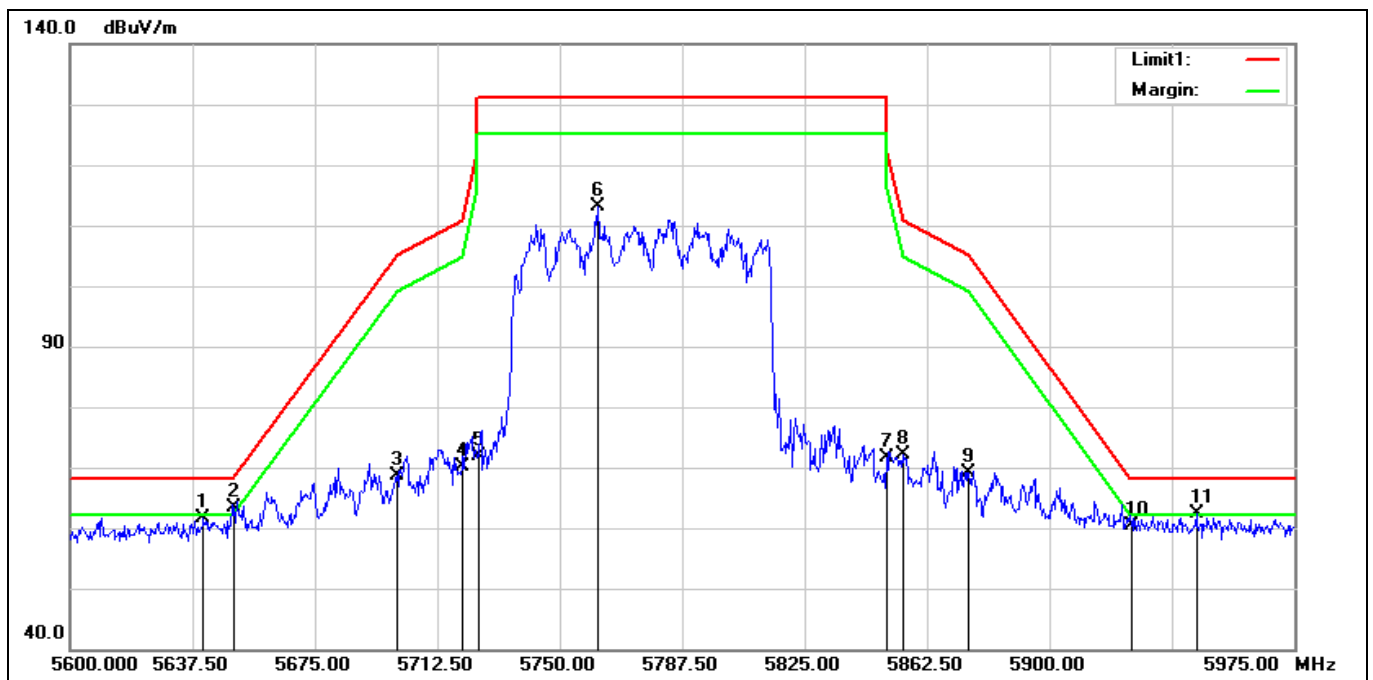
Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE80 5775 MHz		
Remark:			



Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE80 5775 MHz		
Remark:			

No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5637.875	61.78	1.93	63.71	68.20	-4.49	peak
2!	5650.000	60.54	1.90	62.44	68.20	-5.76	peak
3	5700.000	65.71	2.06	67.77	105.20	-37.43	peak
4	5720.000	70.40	2.26	72.66	110.80	-38.14	peak
5	5725.000	69.02	2.30	71.32	122.20	-50.88	peak
6	5795.000	110.45	2.78	113.23	131.20	-17.97	peak
7	5850.000	71.61	2.98	74.59	122.20	-47.61	peak
8	5855.000	67.12	3.01	70.13	110.80	-40.67	peak
9	5875.000	62.63	3.07	65.70	105.20	-39.50	peak
10	5925.000	57.74	3.10	60.84	68.20	-7.36	peak
11!	5933.000	60.44	3.07	63.51	68.20	-4.69	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE80 5775 MHz		
Remark:			

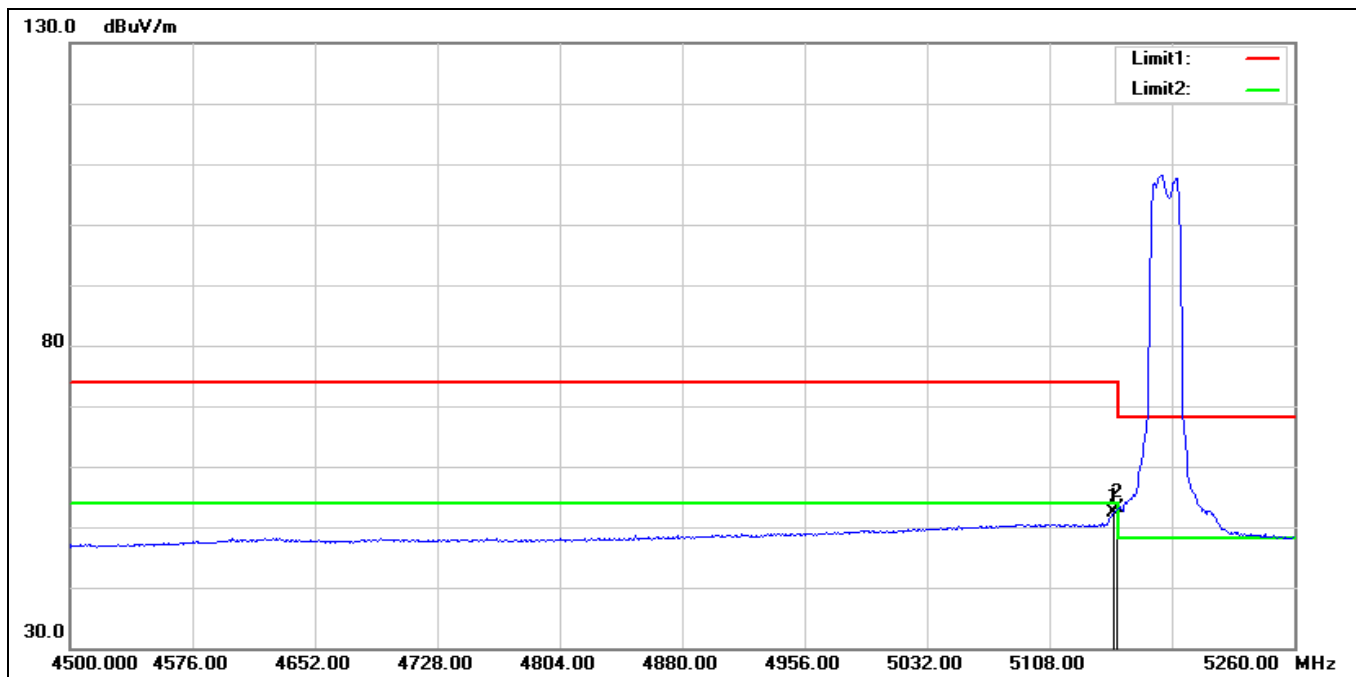


Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE80 5775 MHz		
Remark:			

No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5640.875	59.65	1.92	61.57	68.20	-6.63	peak
2*	5650.000	61.60	1.90	63.50	68.20	-4.70	peak
3	5700.000	66.51	2.06	68.57	105.20	-36.63	peak
4	5720.000	67.87	2.26	70.13	110.80	-40.67	peak
5	5725.000	69.49	2.30	71.79	122.20	-50.41	peak
6	5761.625	110.45	2.61	113.06	131.20	-18.14	peak
7	5850.000	68.59	2.98	71.57	122.20	-50.63	peak
8	5855.000	69.17	3.01	72.18	110.80	-38.62	peak
9	5875.000	66.00	3.07	69.07	105.20	-36.13	peak
10	5925.000	57.36	3.10	60.46	68.20	-7.74	peak
11!	5945.000	59.25	3.04	62.29	68.20	-5.91	peak

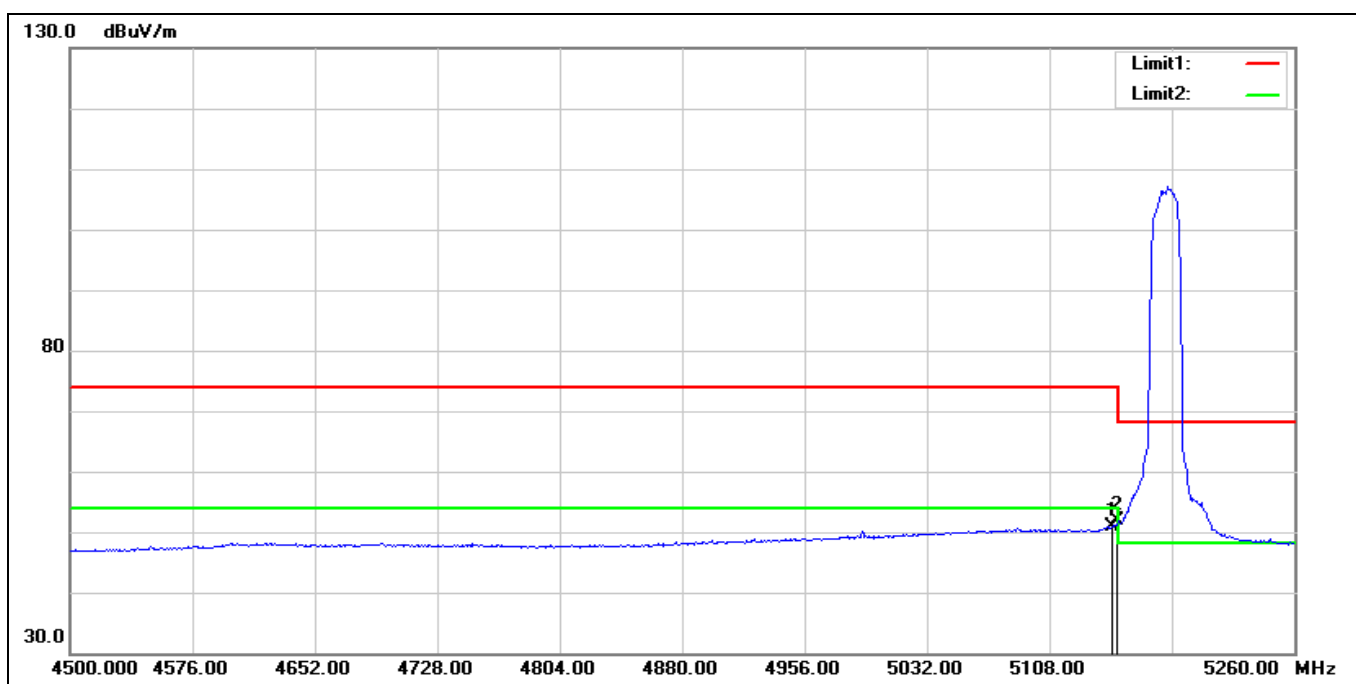
Average

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5180 MHz		
Remark:			



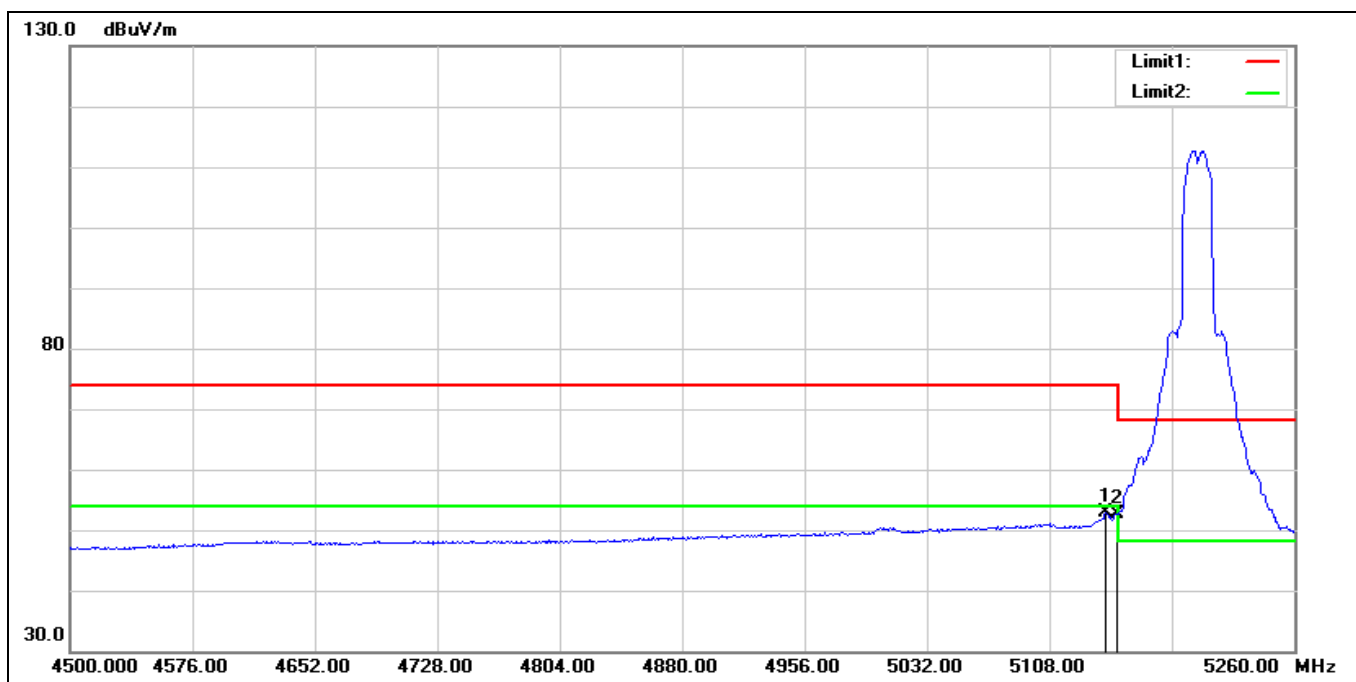
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.280	51.01	1.42	52.43	54.00	-1.57	AVG
2*	5150.000	51.80	1.42	53.22	54.00	-0.78	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5180 MHz		
Remark:			



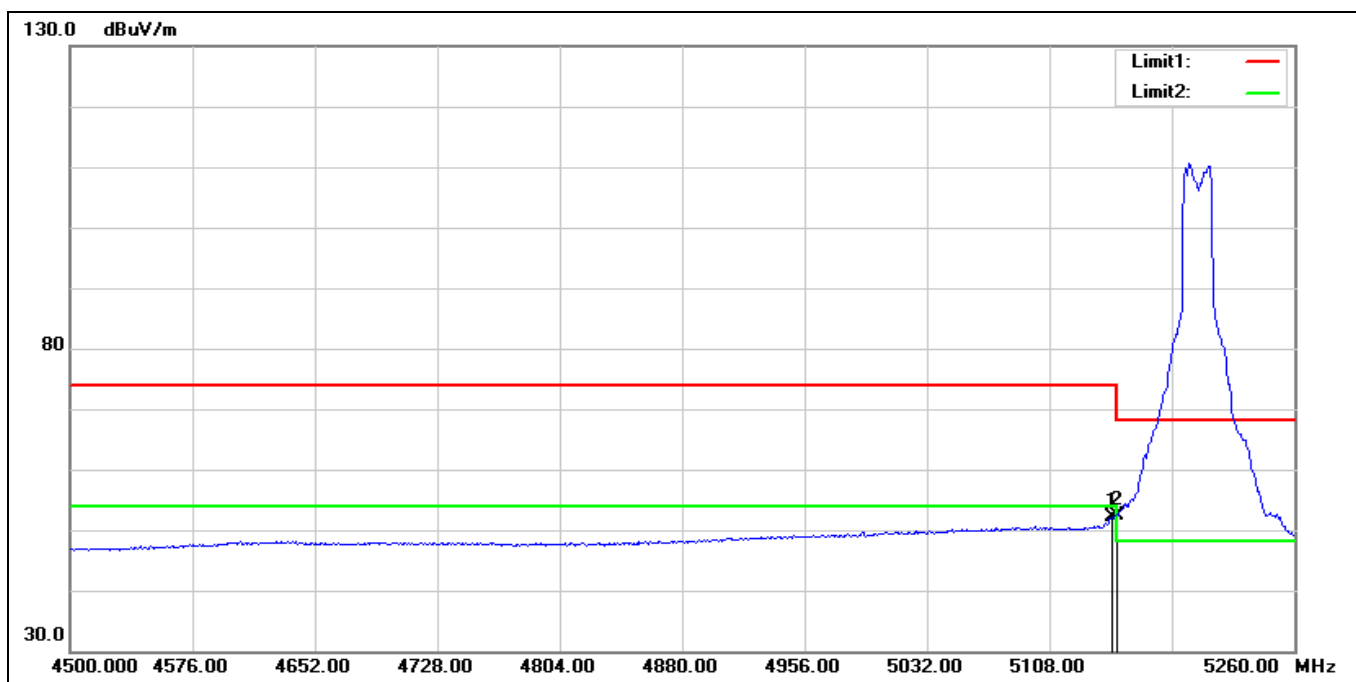
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.760	49.46	1.42	50.88	54.00	-3.12	AVG
2*	5150.000	50.39	1.42	51.81	54.00	-2.19	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5200 MHz		
Remark:			



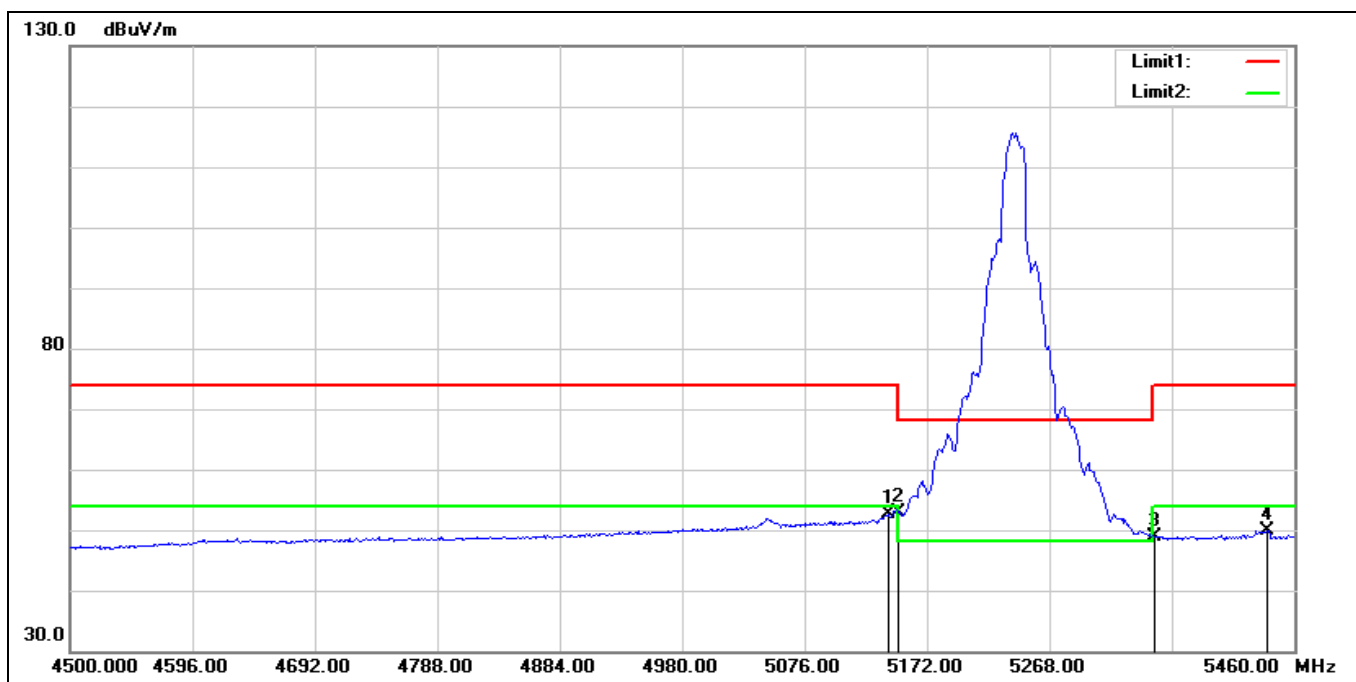
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5142.960	51.43	1.41	52.84	54.00	-1.16	AVG
2	5150.000	51.26	1.42	52.68	54.00	-1.32	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5200 MHz		
Remark:			



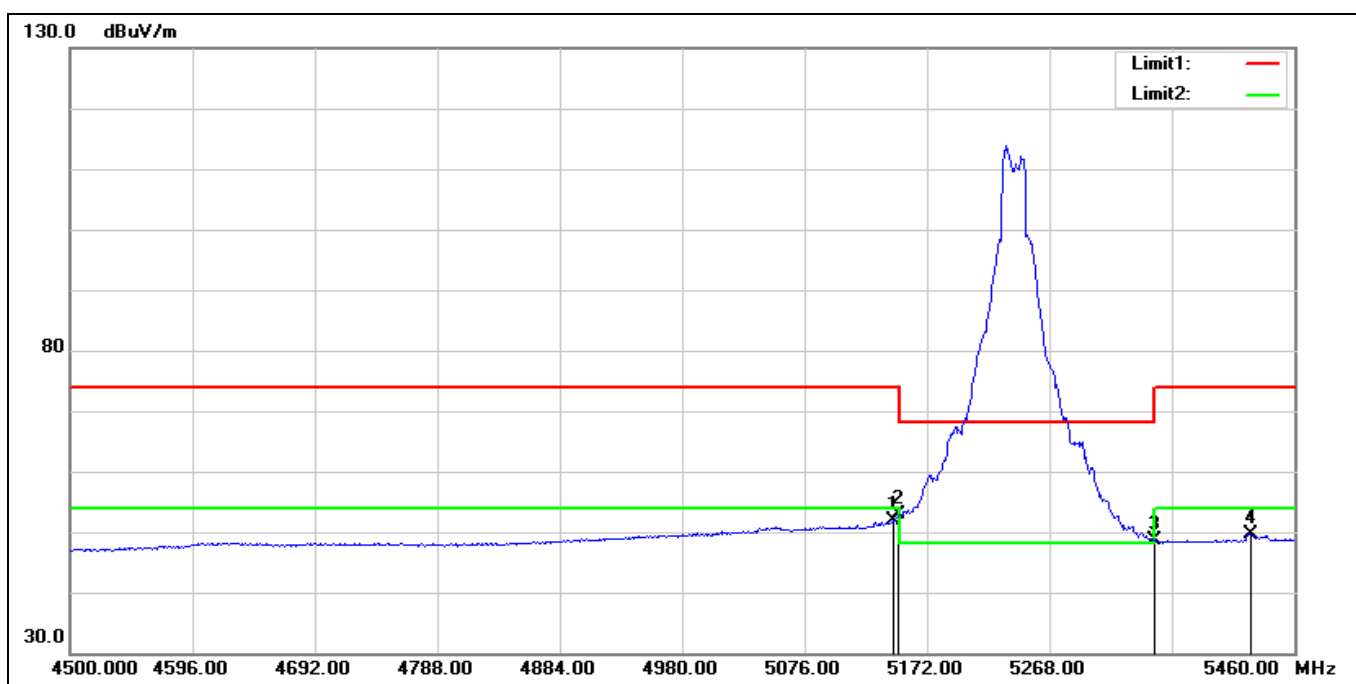
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.760	50.62	1.42	52.04	54.00	-1.96	AVG
2*	5150.000	51.06	1.42	52.48	54.00	-1.52	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5240 MHz		
Remark:			



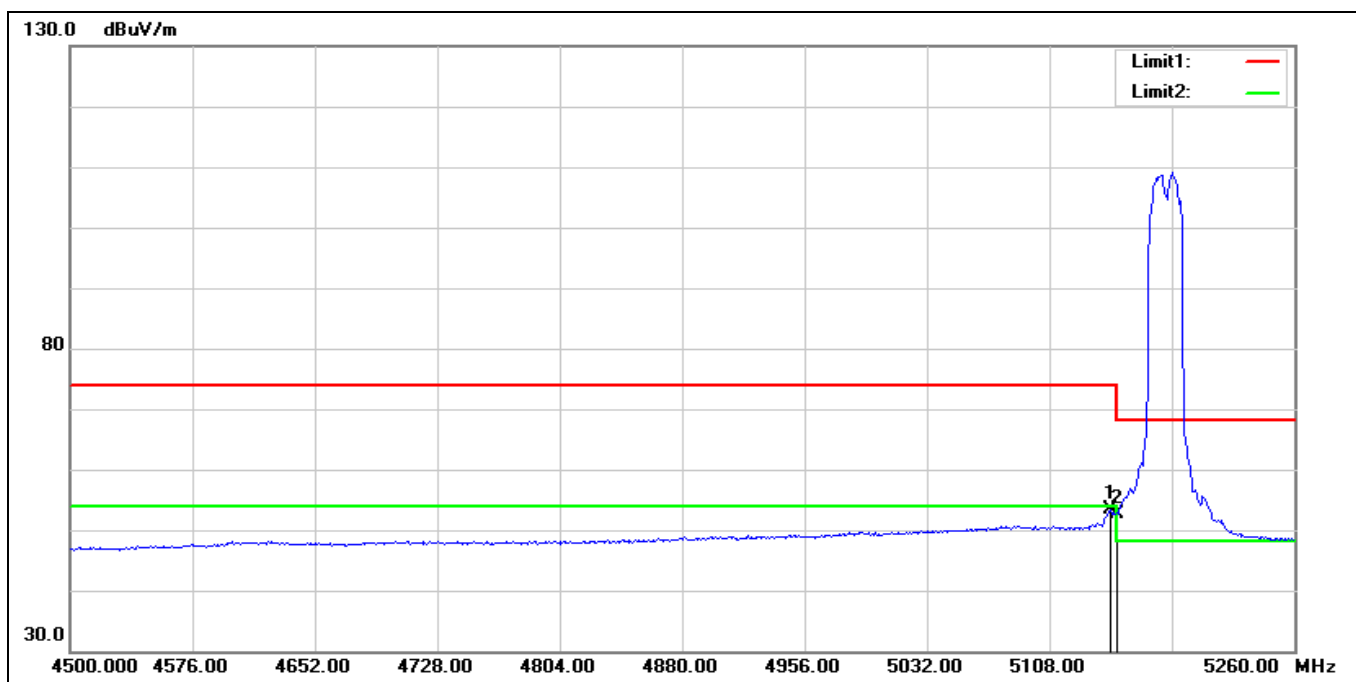
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.280	51.15	1.40	52.55	54.00	-1.45	AVG
2*	5150.000	51.36	1.42	52.78	54.00	-1.22	AVG
3	5350.000	47.88	1.08	48.96	54.00	-5.04	AVG
4	5438.880	48.12	1.68	49.80	54.00	-4.20	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5240 MHz		
Remark:			



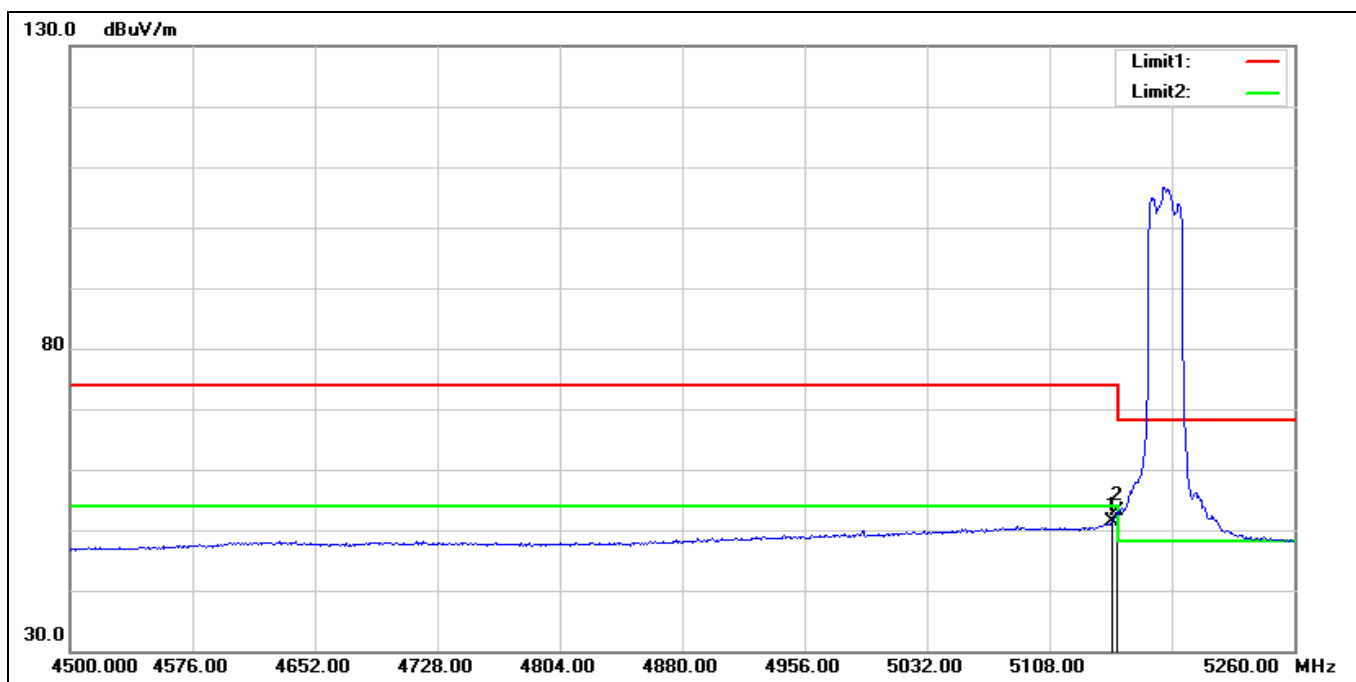
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.080	50.48	1.42	51.90	54.00	-2.10	AVG
2*	5150.000	51.51	1.42	52.93	54.00	-1.07	AVG
3	5350.000	47.50	1.08	48.58	54.00	-5.42	AVG
4	5426.400	48.10	1.64	49.74	54.00	-4.26	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE20 5180 MHz		
Remark:			



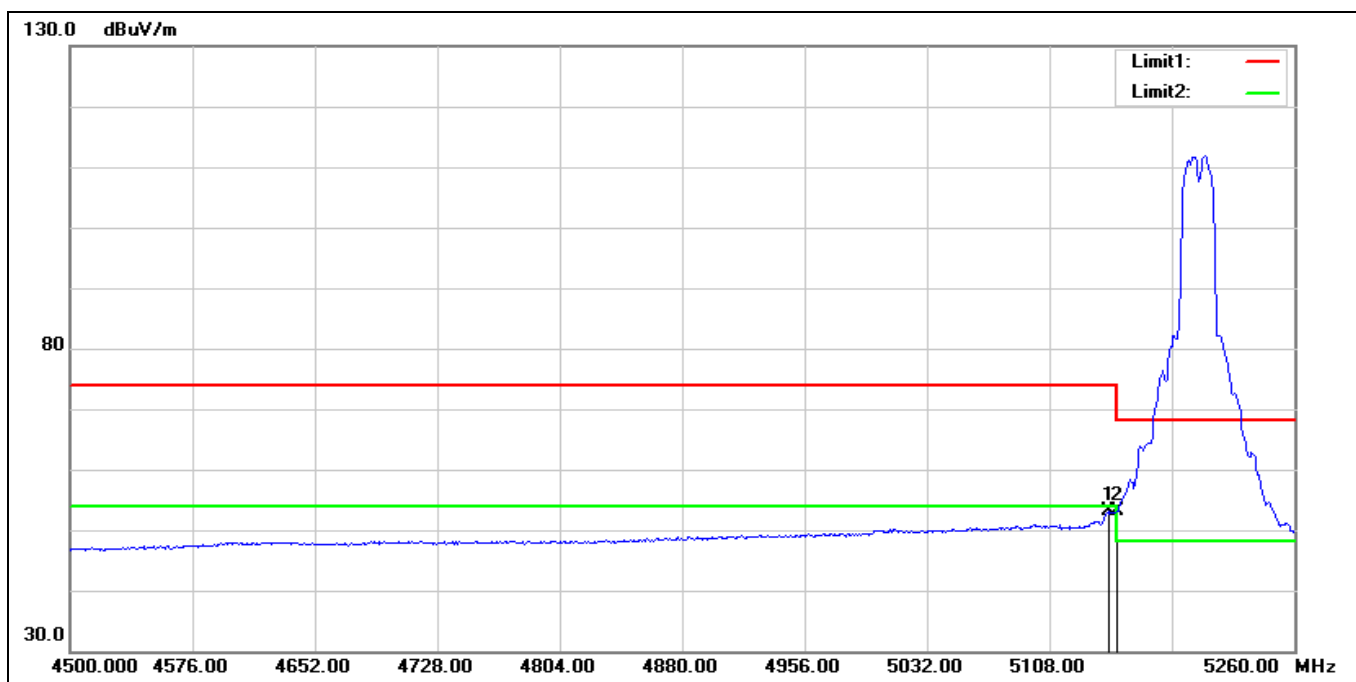
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5146.000	51.88	1.42	53.30	54.00	-0.70	AVG
2	5150.000	51.24	1.42	52.66	54.00	-1.34	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE20 5180 MHz		
Remark:			



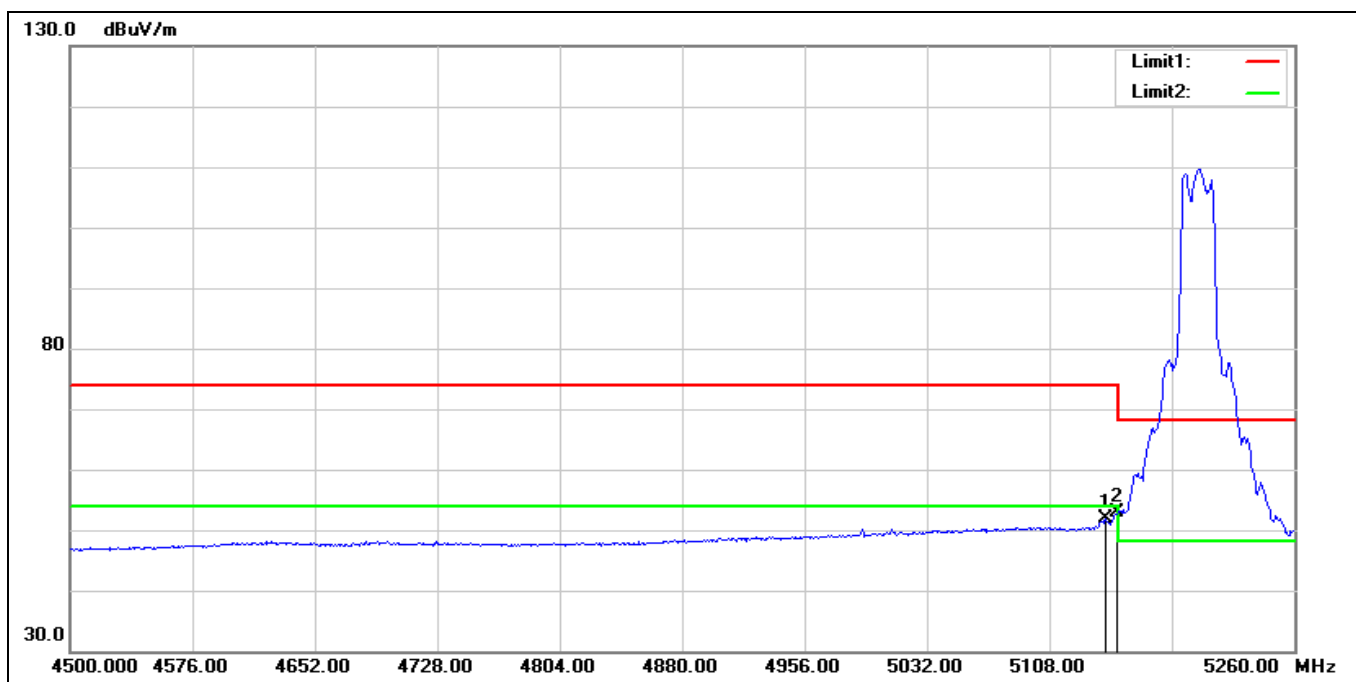
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.760	49.93	1.42	51.35	54.00	-2.65	AVG
2*	5150.000	51.59	1.42	53.01	54.00	-0.99	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE20 5200 MHz		
Remark:			



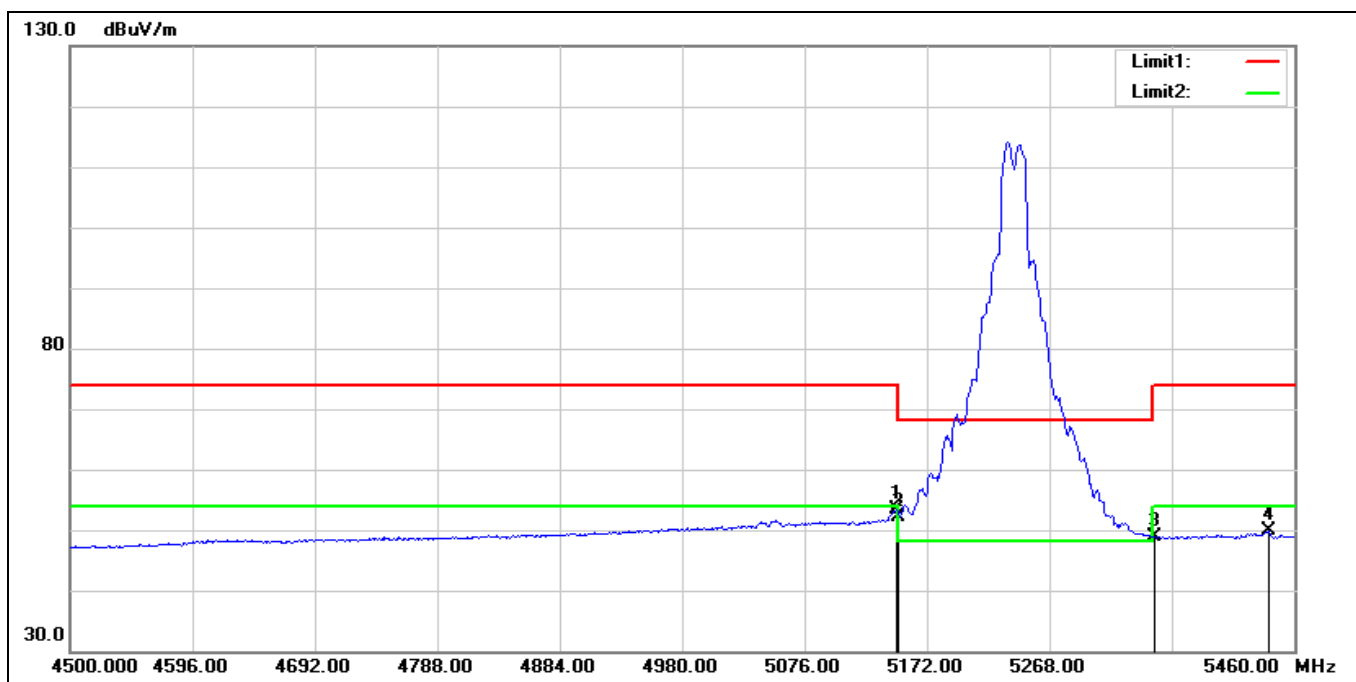
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5144.480	51.71	1.41	53.12	54.00	-0.88	AVG
2	5150.000	51.59	1.42	53.01	54.00	-0.99	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE20 5200 MHz		
Remark:			



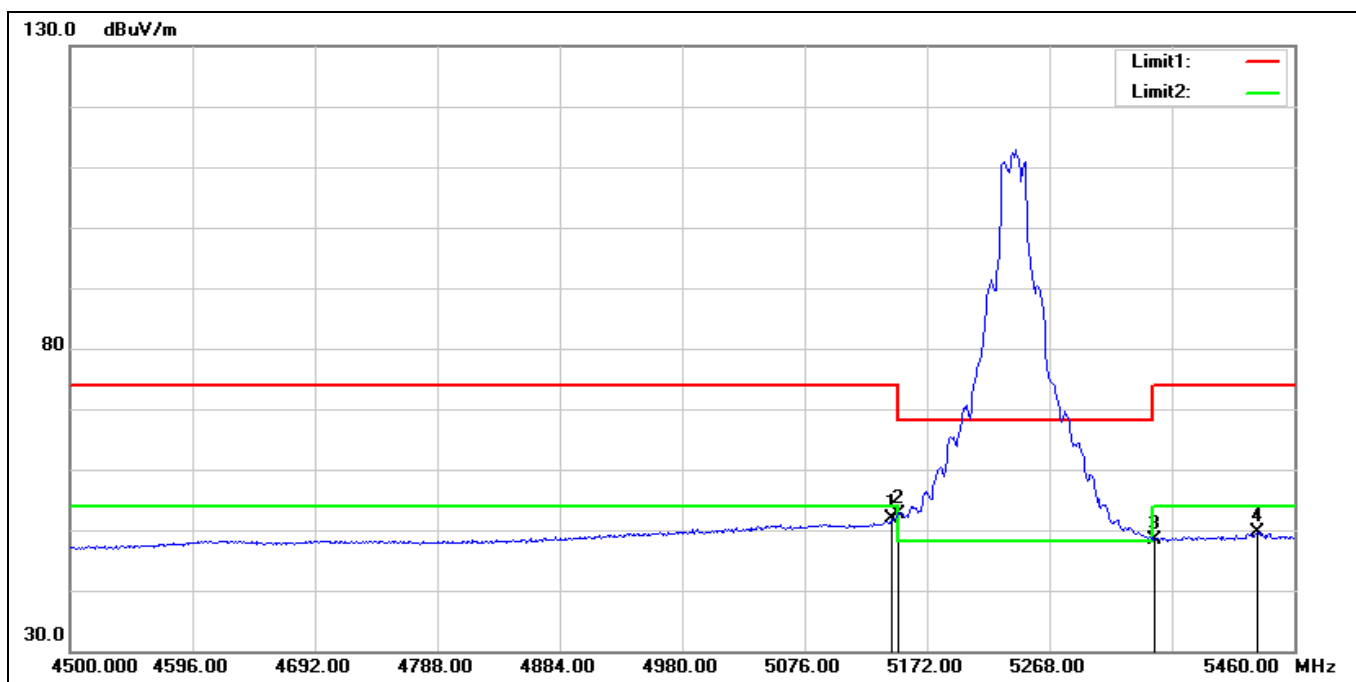
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.960	50.36	1.41	51.77	54.00	-2.23	AVG
2*	5150.000	51.53	1.42	52.95	54.00	-1.05	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE20 5240 MHz		
Remark:			



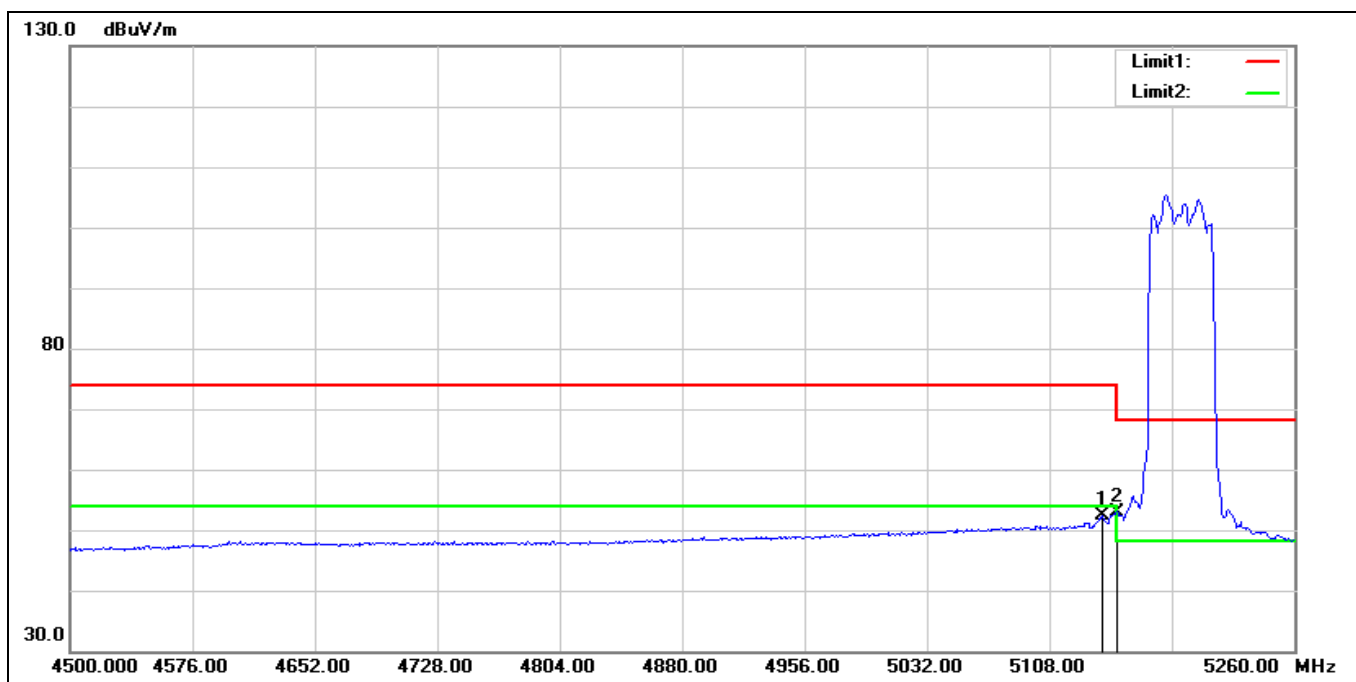
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5148.000	51.84	1.42	53.26	54.00	-0.74	AVG
2	5150.000	50.66	1.42	52.08	54.00	-1.92	AVG
3	5350.000	47.77	1.08	48.85	54.00	-5.15	AVG
4	5439.840	48.11	1.68	49.79	54.00	-4.21	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE20 5240 MHz		
Remark:			



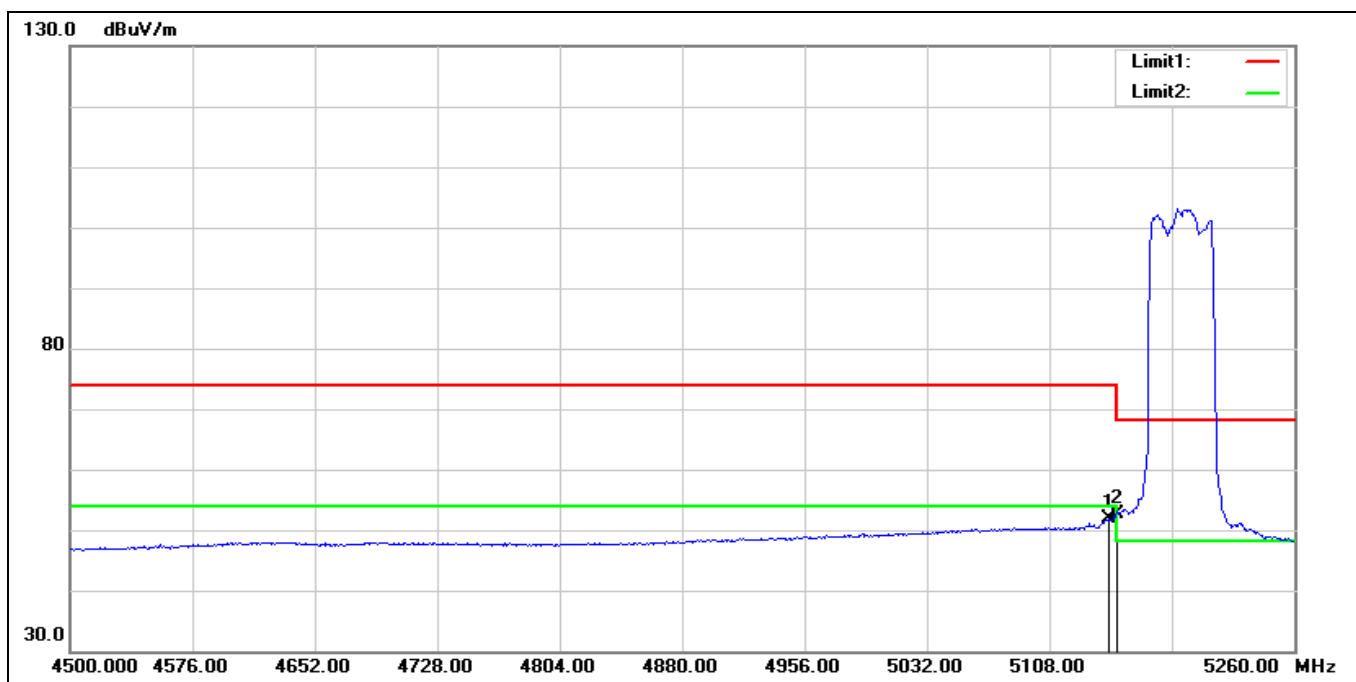
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.160	50.44	1.41	51.85	54.00	-2.15	AVG
2*	5150.000	51.32	1.42	52.74	54.00	-1.26	AVG
3	5350.000	47.41	1.08	48.49	54.00	-5.51	AVG
4	5431.200	47.99	1.65	49.64	54.00	-4.36	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE40 5190 MHz		
Remark:			



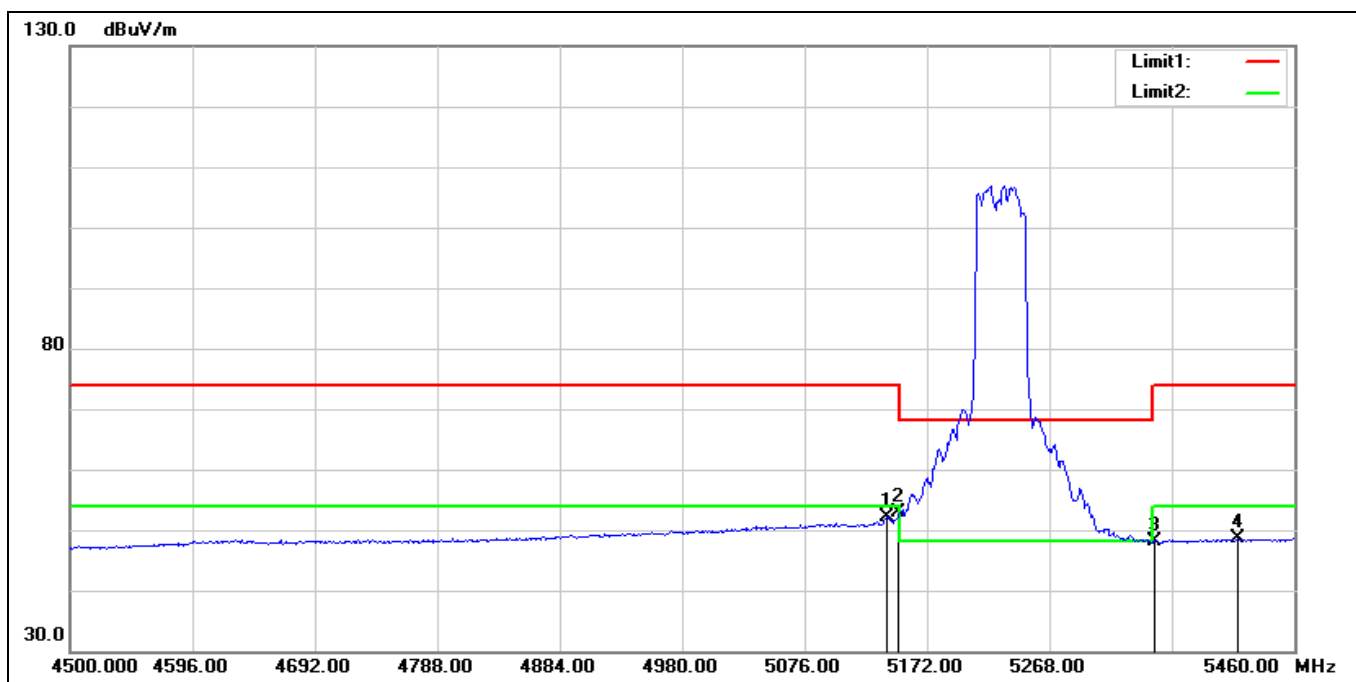
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5140.680	50.89	1.40	52.29	54.00	-1.71	AVG
2*	5150.000	51.53	1.42	52.95	54.00	-1.05	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE40 5190 MHz		
Remark:			



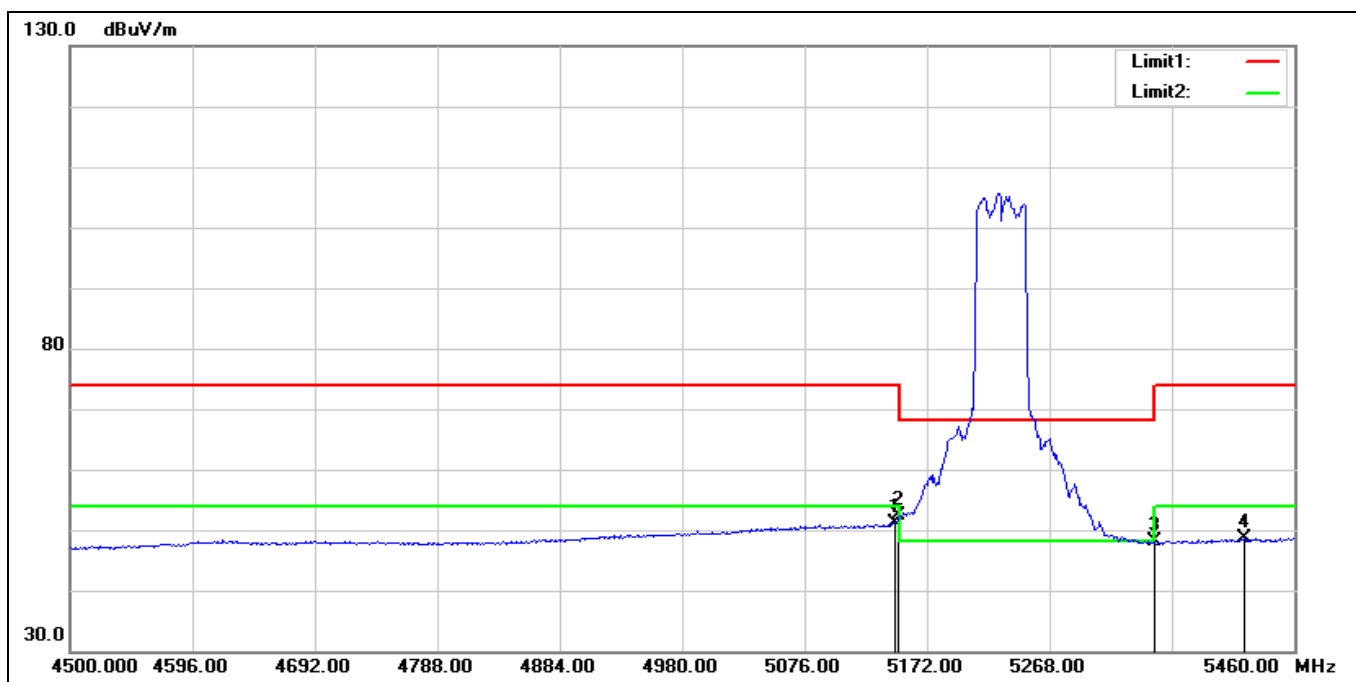
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.480	50.48	1.41	51.89	54.00	-2.11	AVG
2*	5150.000	51.25	1.42	52.67	54.00	-1.33	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE40 5230 MHz		
Remark:			



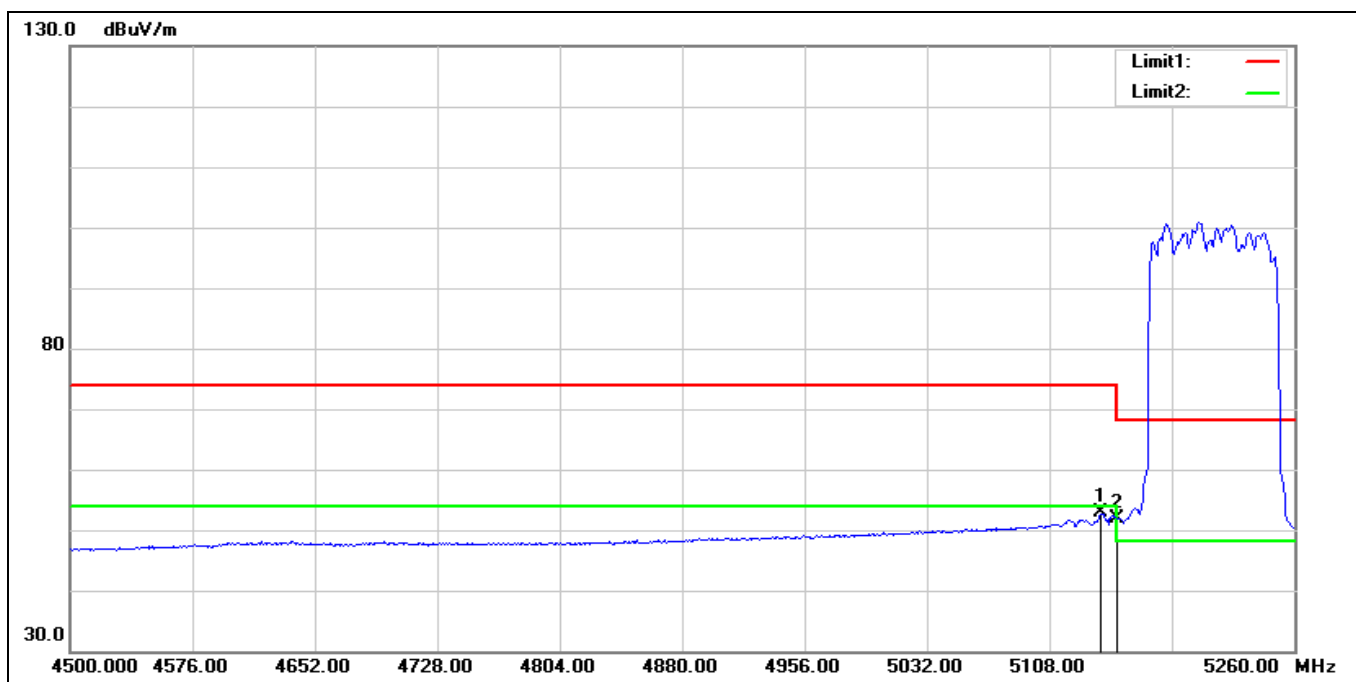
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5140.320	50.84	1.40	52.24	54.00	-1.76	AVG
2*	5150.000	51.57	1.42	52.99	54.00	-1.01	AVG
3	5350.000	47.00	1.08	48.08	54.00	-5.92	AVG
4	5415.840	46.94	1.60	48.54	54.00	-5.46	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE40 5230 MHz		
Remark:			



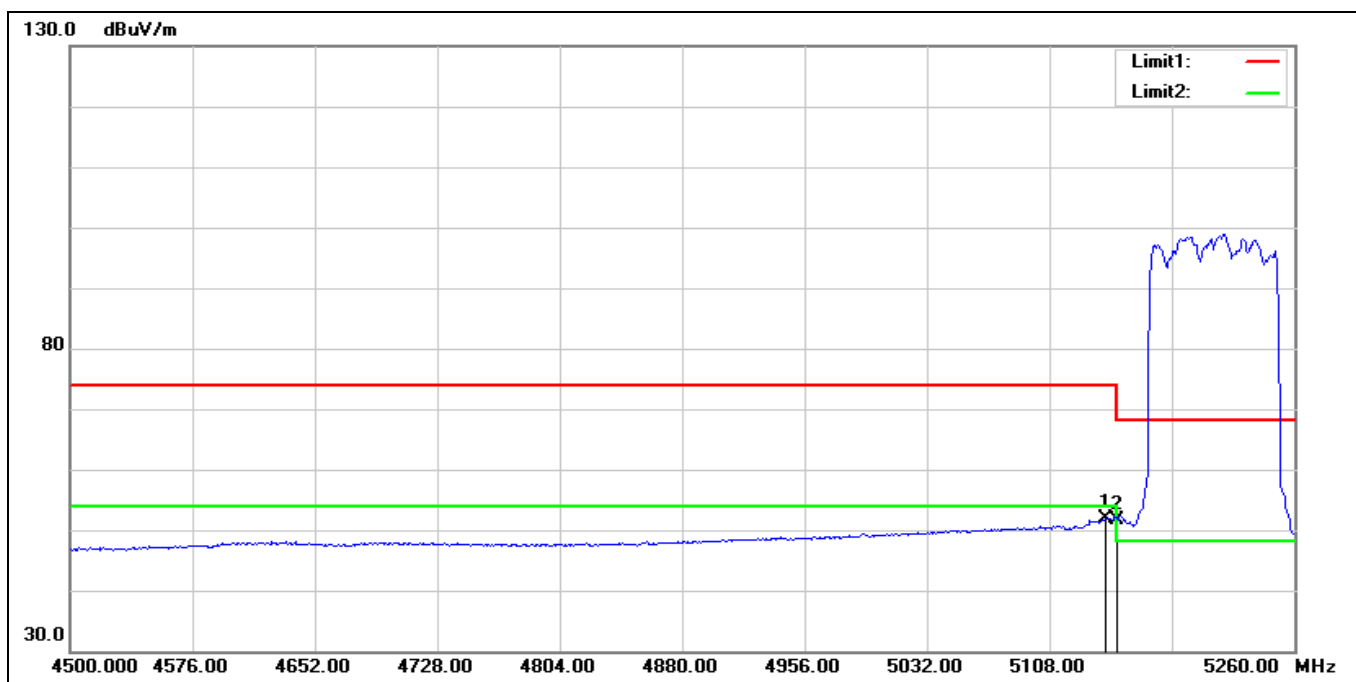
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.040	49.71	1.42	51.13	54.00	-2.87	AVG
2*	5150.000	50.91	1.42	52.33	54.00	-1.67	AVG
3	5350.000	46.97	1.08	48.05	54.00	-5.95	AVG
4	5420.640	47.01	1.61	48.62	54.00	-5.38	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ax HE80 5210 MHz		
Remark:			



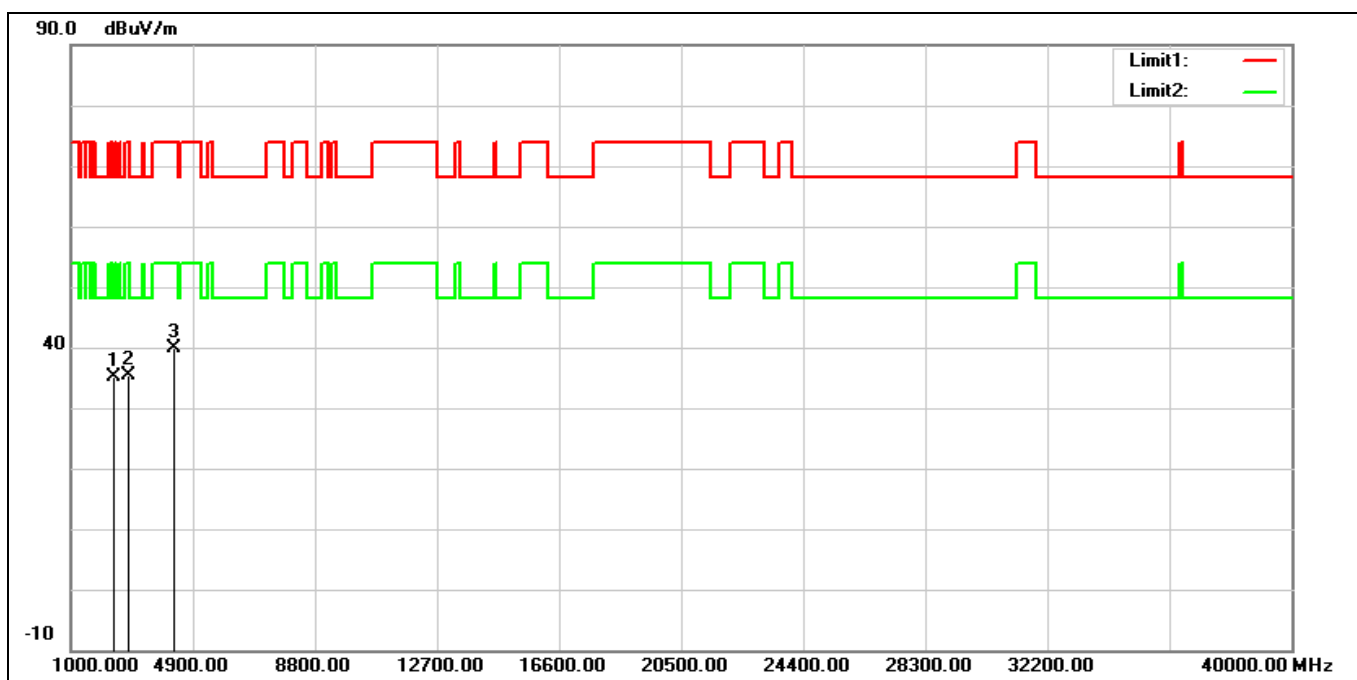
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5139.920	51.50	1.40	52.90	54.00	-1.10	AVG
2	5150.000	50.41	1.42	51.83	54.00	-2.17	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ax HE80 5210 MHz		
Remark:			



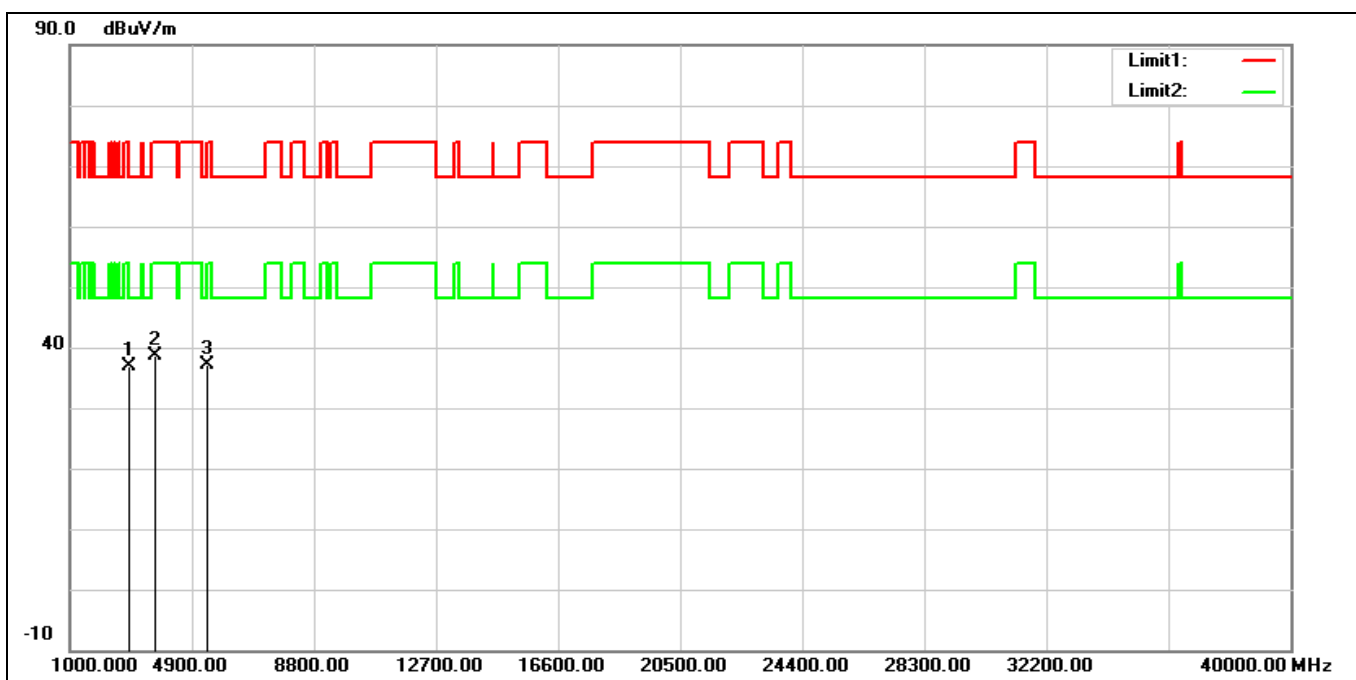
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5142.960	50.45	1.41	51.86	54.00	-2.14	AVG
2	5150.000	50.16	1.42	51.58	54.00	-2.42	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	Wifi 2.4G + Wifi 5G + Scanning radio 2.4G + Scanning radio 5G + BLE		
Remark:			



No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2343.000	41.22	-6.02	35.20	74.00	-38.80	peak
2	2853.000	40.65	-5.23	35.42	74.00	-38.58	peak
3*	4298.000	41.54	-1.63	39.91	74.00	-34.09	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	Wifi 2.4G + Wifi 5G + Scanning radio 2.4G + Scanning radio 5G + BLE		
Remark:			

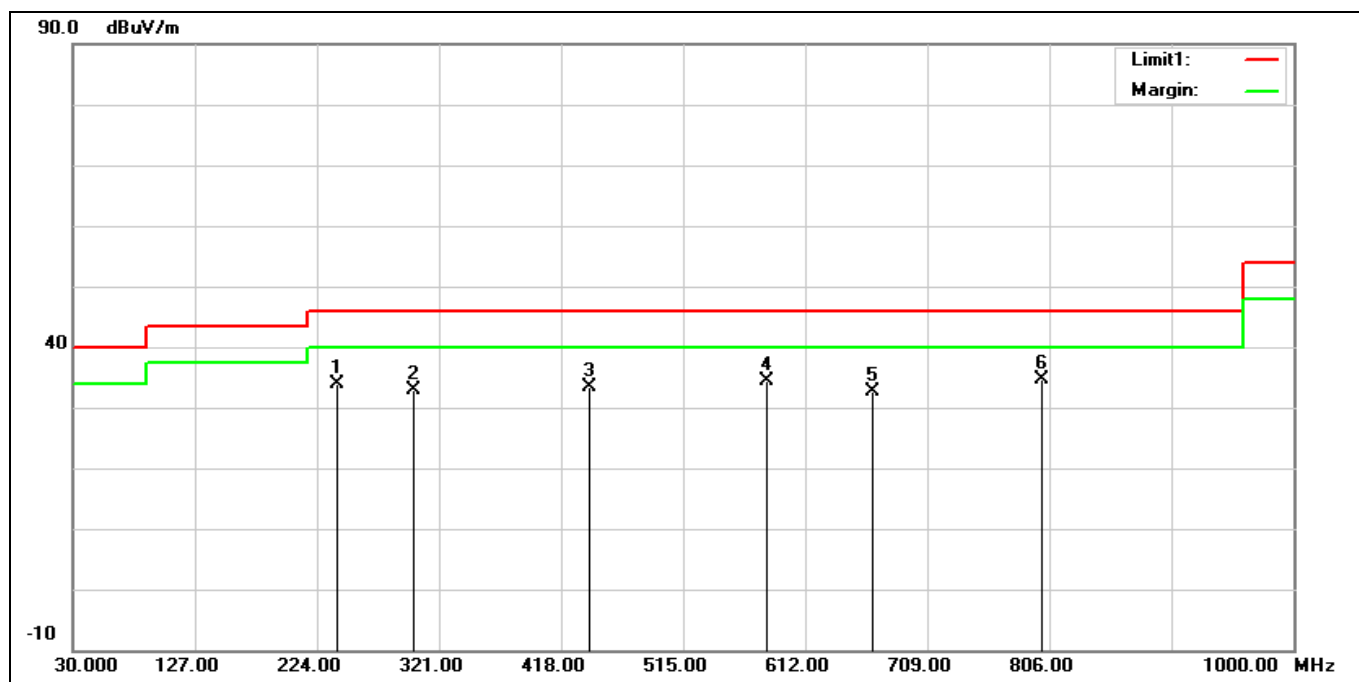


No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2853.000	42.01	-5.23	36.78	74.00	-37.22	peak
2*	3737.000	41.77	-3.24	38.53	74.00	-35.47	peak
3	5386.000	35.63	1.42	37.05	74.00	-36.95	peak

QCA9889

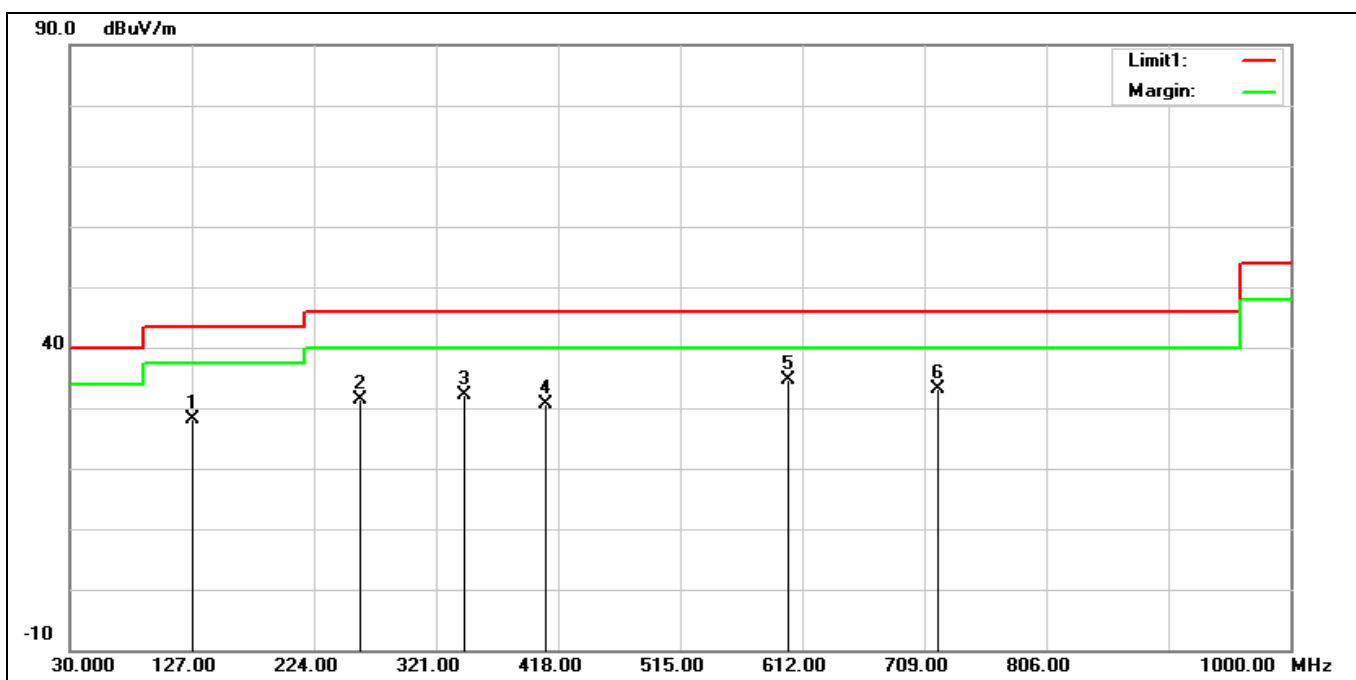
Below 1 GHz

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5745 MHz		
Remark:			



No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	239.5200	41.57	-7.69	33.88	46.00	-12.12	QP
2	300.6300	38.54	-5.78	32.76	46.00	-13.24	QP
3	440.3100	36.18	-2.79	33.39	46.00	-12.61	QP
4	581.9300	34.59	-0.23	34.36	46.00	-11.64	QP
5	665.3500	31.93	0.78	32.71	46.00	-13.29	QP
6*	800.1800	30.79	3.74	34.53	46.00	-11.47	QP

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5745 MHz		
Remark:			

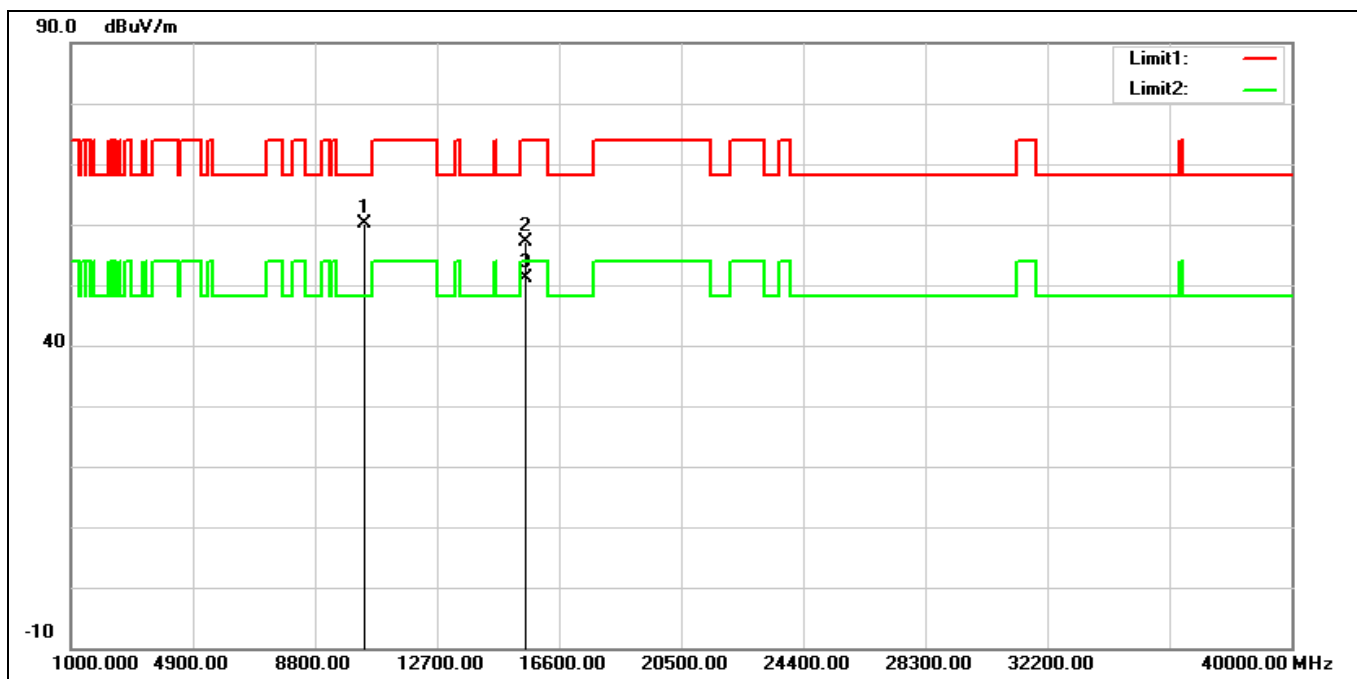


No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	127.0000	37.25	-9.16	28.09	43.50	-15.41	QP
2	260.8600	38.31	-7.03	31.28	46.00	-14.72	QP
3	343.3100	36.90	-4.89	32.01	46.00	-13.99	QP
4	408.3000	34.04	-3.48	30.56	46.00	-15.44	QP
5*	600.3600	34.44	0.23	34.67	46.00	-11.33	QP
6	719.6700	31.04	2.09	33.13	46.00	-12.87	QP

Harmonic

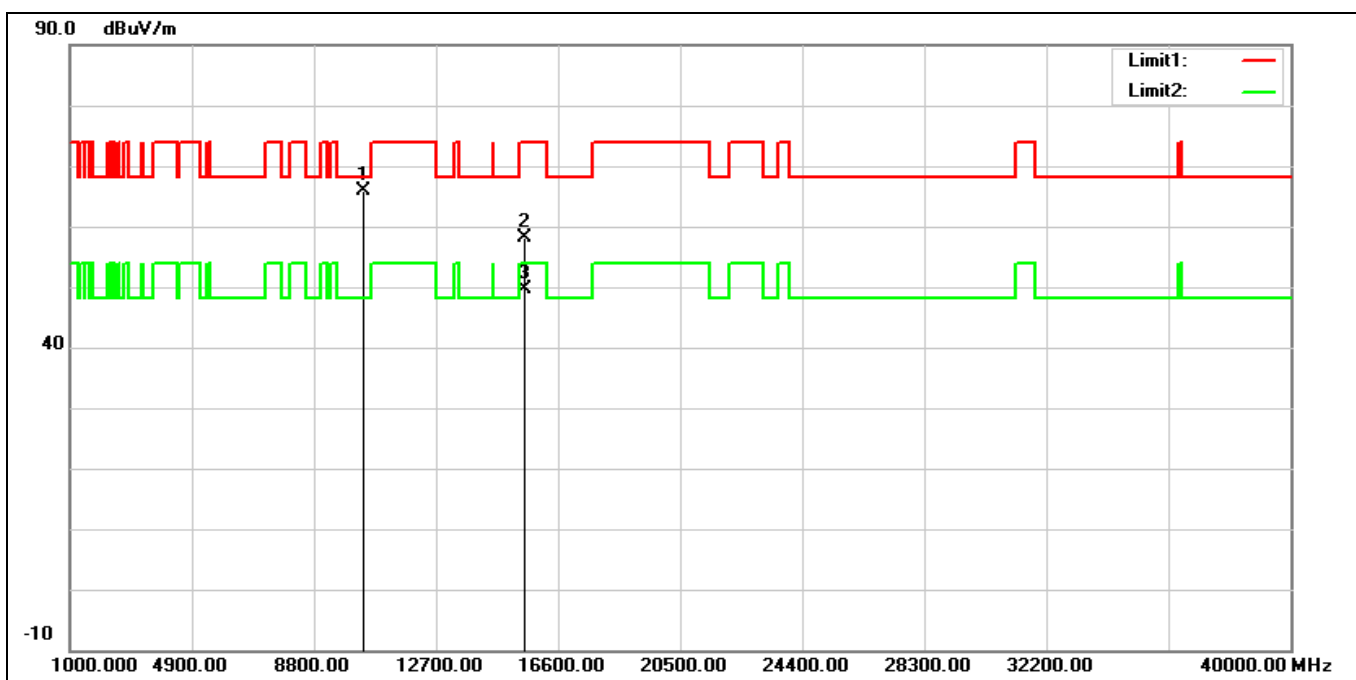
Above 1 GHz

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5180 MHz		
Remark:			



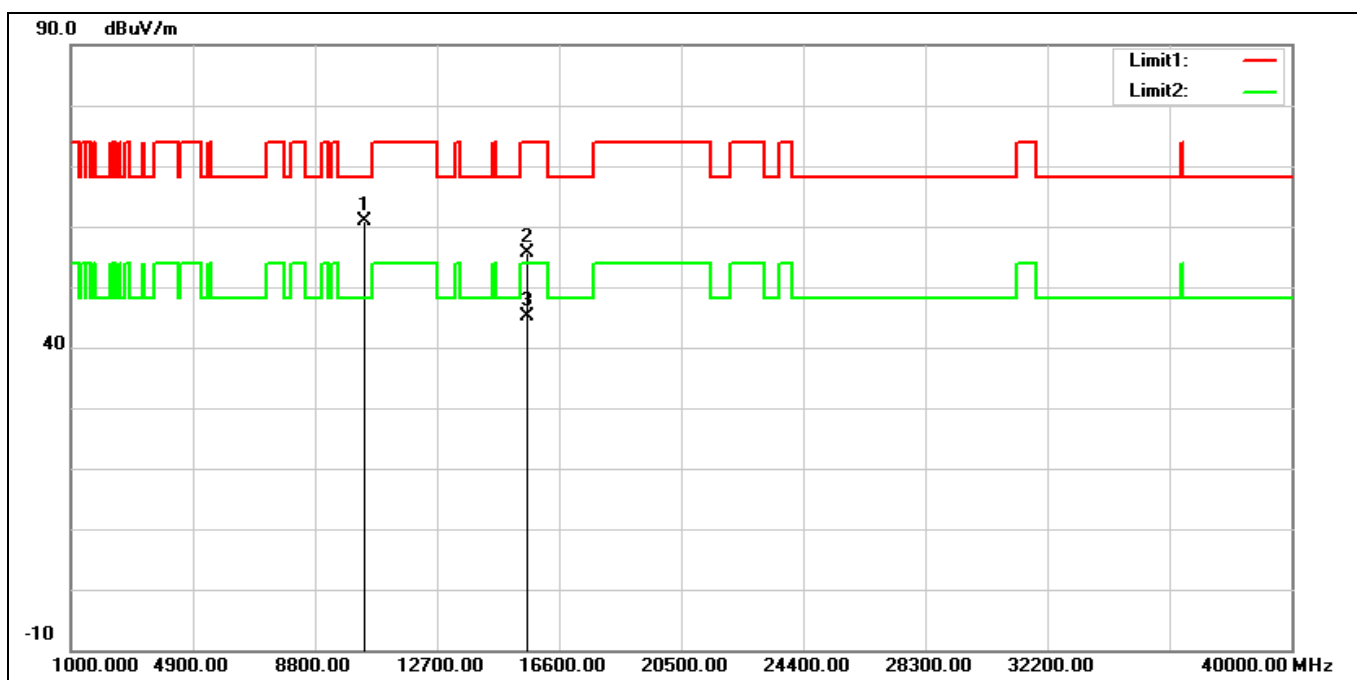
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	46.10	13.99	60.09	68.20	-8.11	peak
2	15540.000	39.74	17.31	57.05	74.00	-16.95	peak
3*	15540.000	33.72	17.31	51.03	54.00	-2.97	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5180 MHz		
Remark:			



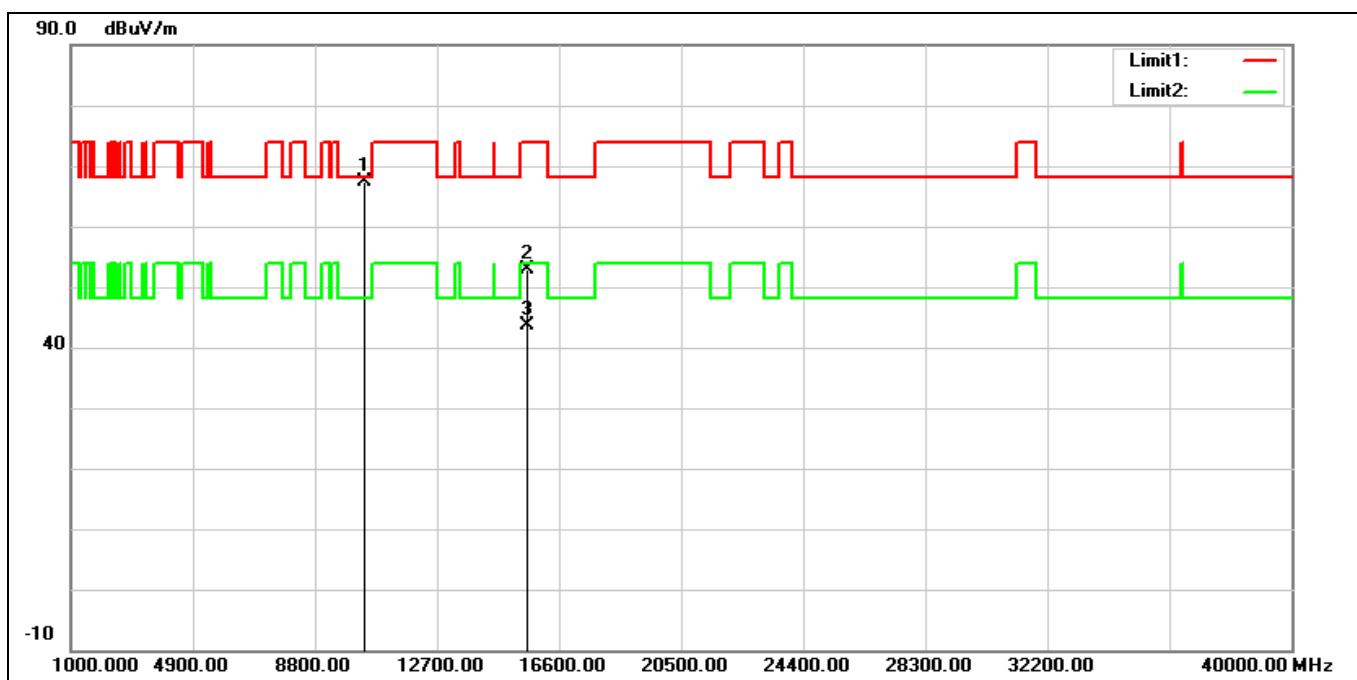
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	10360.000	51.98	13.99	65.97	68.20	-2.23	peak
2	15540.000	40.73	17.31	58.04	74.00	-15.96	peak
3	15540.000	32.38	17.31	49.69	54.00	-4.31	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5200 MHz		
Remark:			



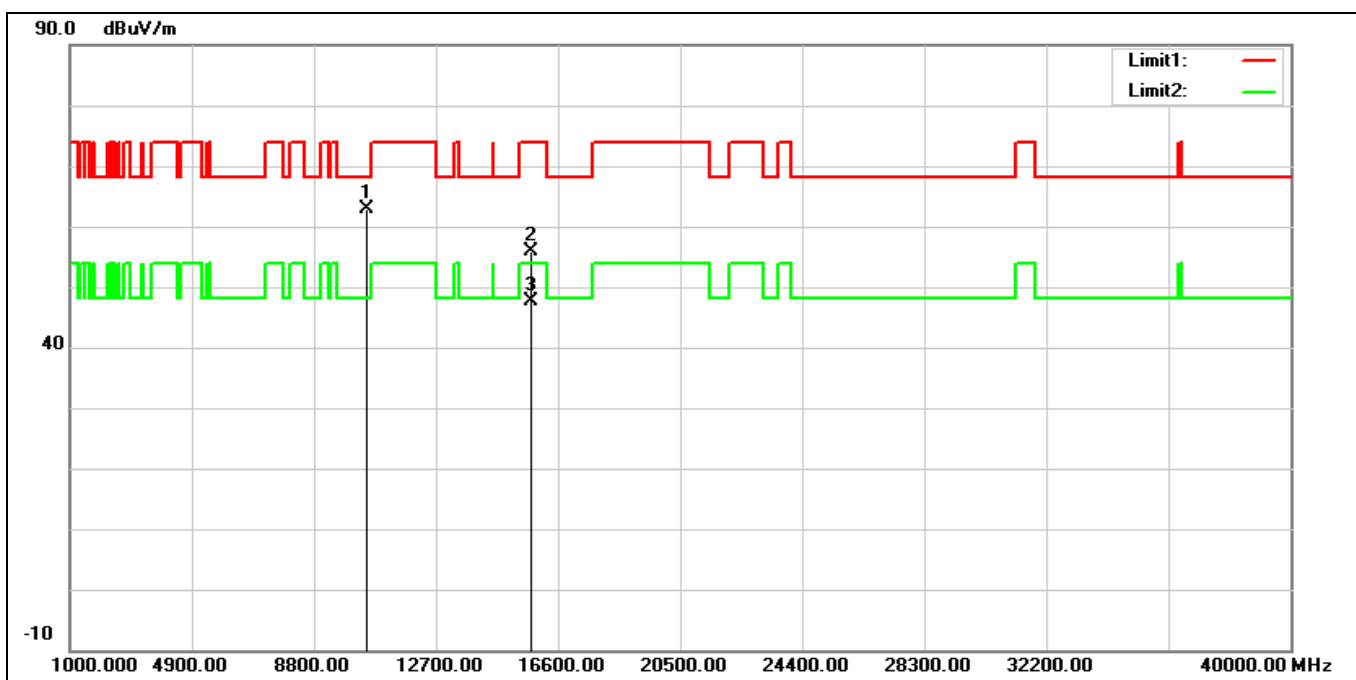
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	10400.000	46.72	14.10	60.82	68.20	-7.38	peak
2	15600.000	38.67	17.01	55.68	74.00	-18.32	peak
3	15600.000	28.09	17.01	45.10	54.00	-8.90	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5200 MHz		
Remark:			



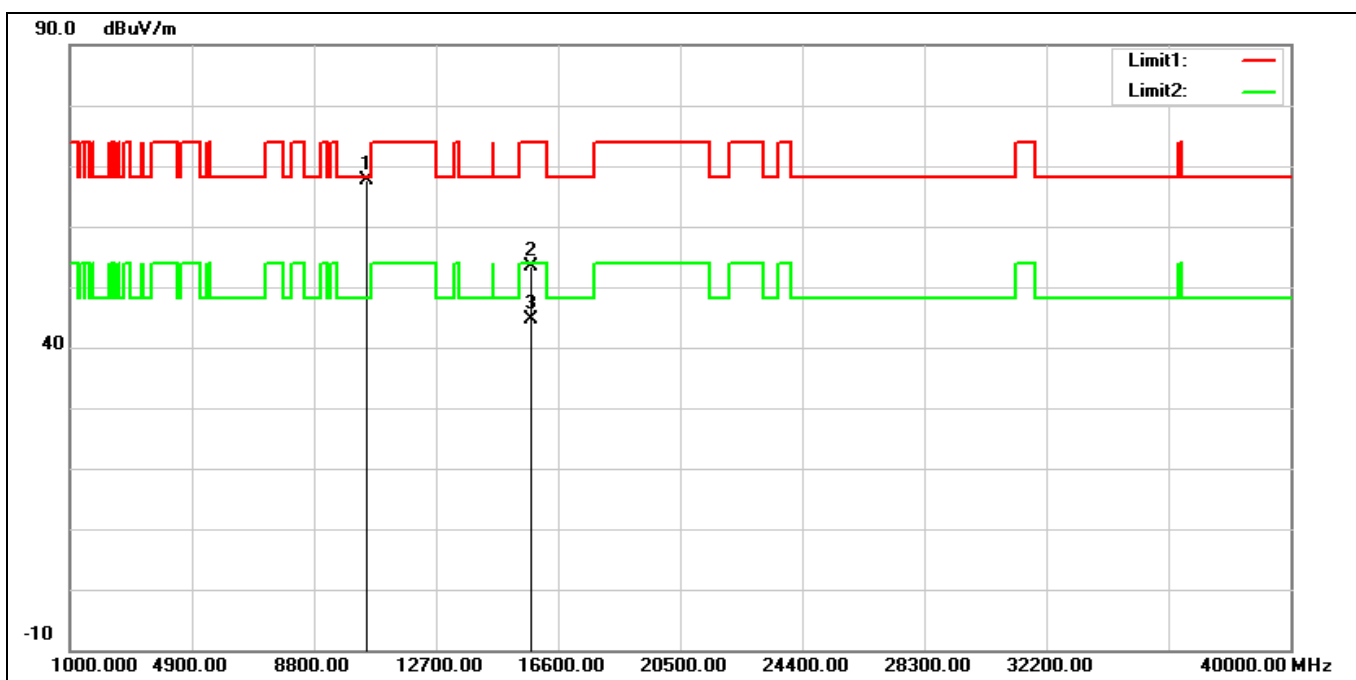
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	10400.000	53.18	14.10	67.28	68.20	-0.92	peak
2	15600.000	35.84	17.01	52.85	74.00	-21.15	peak
3	15600.000	26.57	17.01	43.58	54.00	-10.42	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5240 MHz		
Remark:			



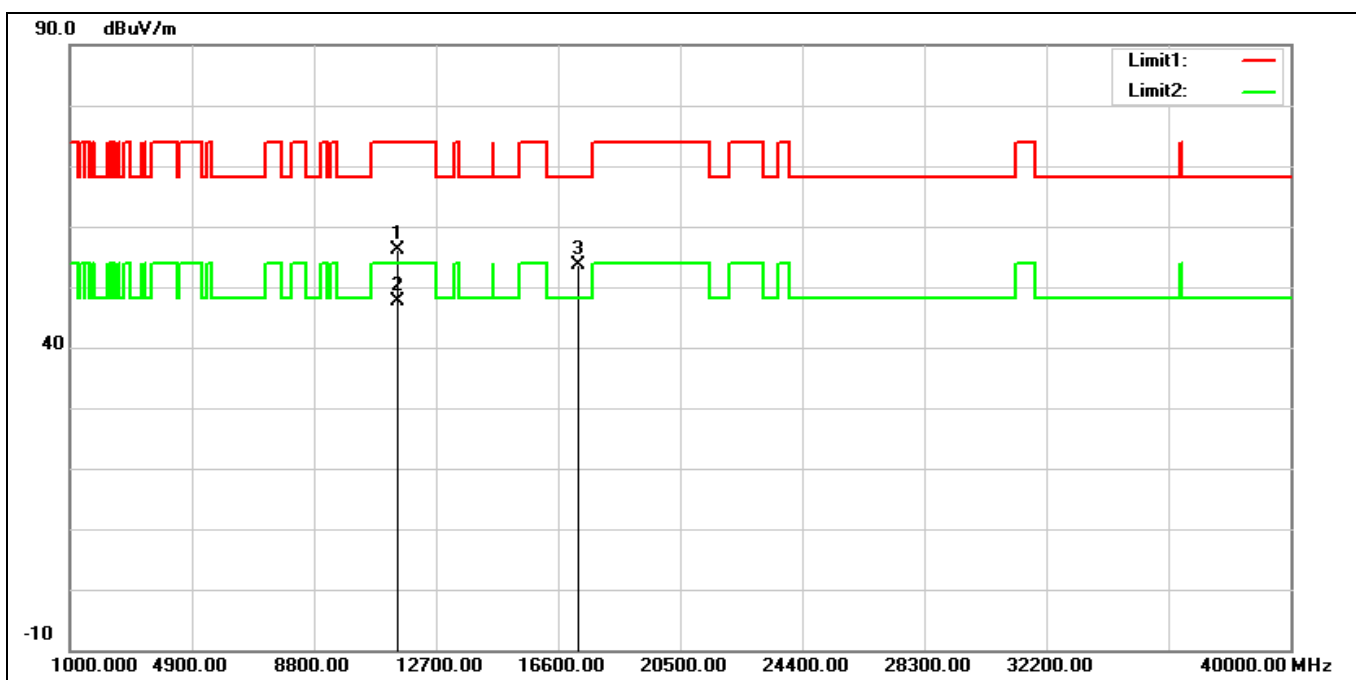
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	10480.000	48.37	14.54	62.91	68.20	-5.29	peak
2	15720.000	38.47	17.34	55.81	74.00	-18.19	peak
3	15720.000	30.37	17.34	47.71	54.00	-6.29	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5240 MHz		
Remark:			



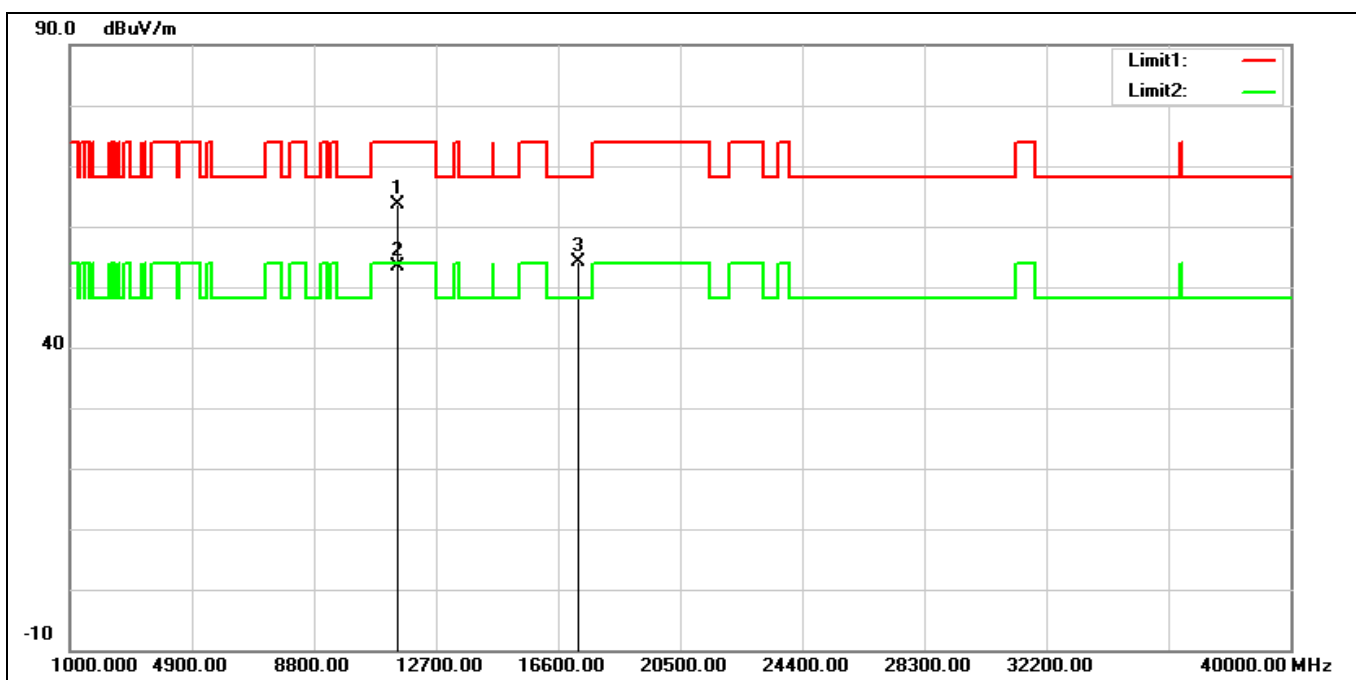
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	10480.000	53.01	14.54	67.55	68.20	-0.65	peak
2	15720.000	36.02	17.34	53.36	74.00	-20.64	peak
3	15720.000	27.25	17.34	44.59	54.00	-9.41	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5745 MHz		
Remark:			



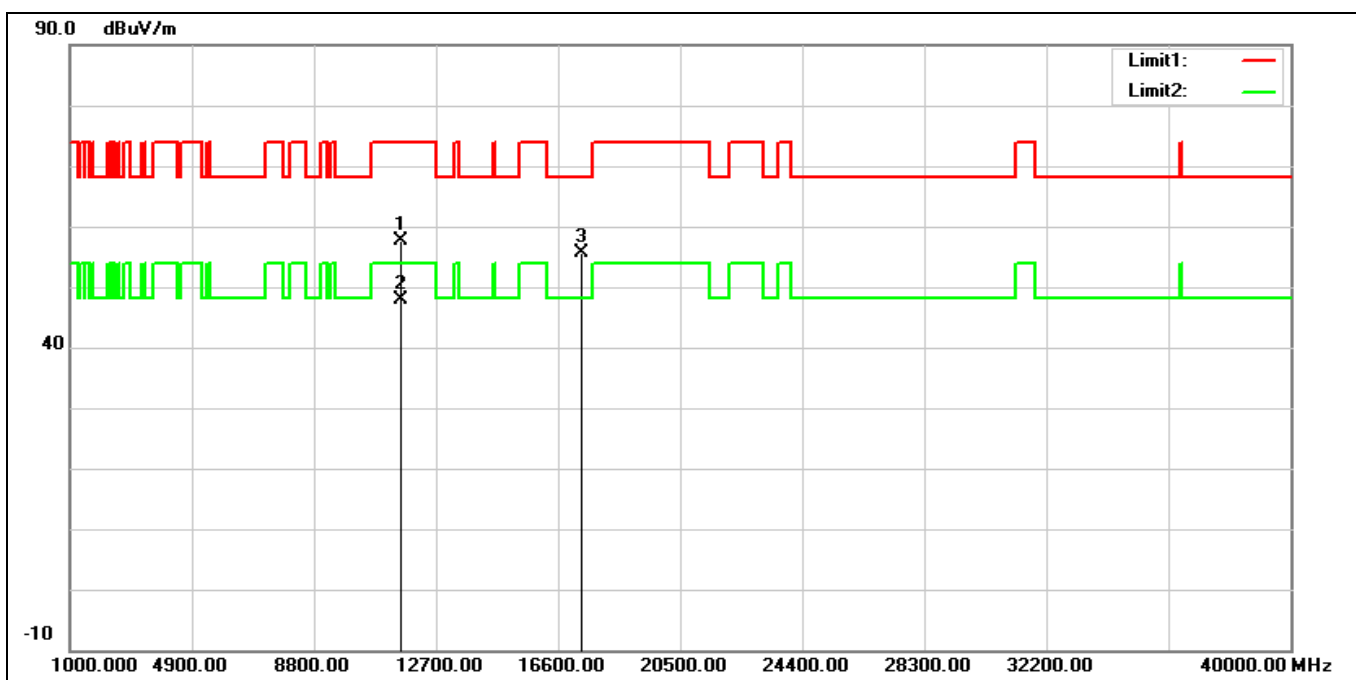
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	40.60	15.42	56.02	74.00	-17.98	peak
2*	11490.000	32.22	15.42	47.64	54.00	-6.36	AVG
3	17235.000	31.58	22.01	53.59	68.20	-14.61	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5745 MHz		
Remark:			



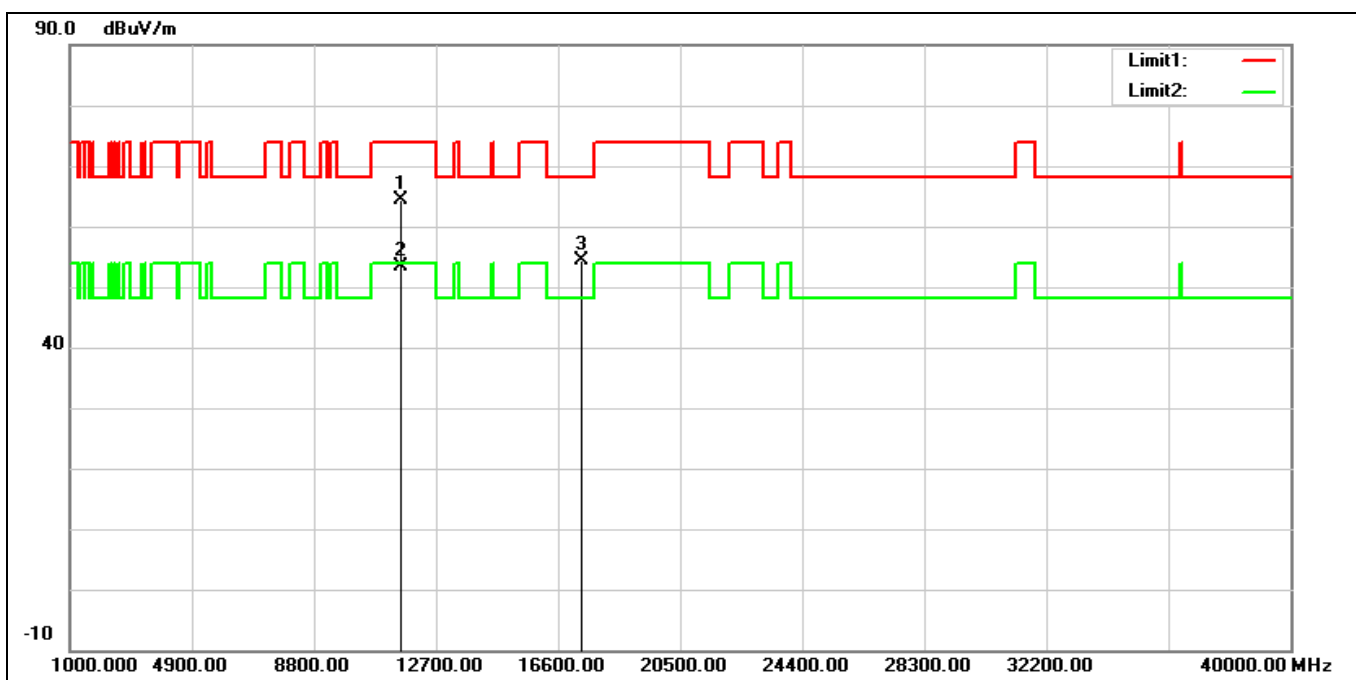
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	48.10	15.42	63.52	74.00	-10.48	peak
2*	11490.000	38.07	15.42	53.49	54.00	-0.51	AVG
3	17235.000	32.03	22.01	54.04	68.20	-14.16	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5785 MHz		
Remark:			



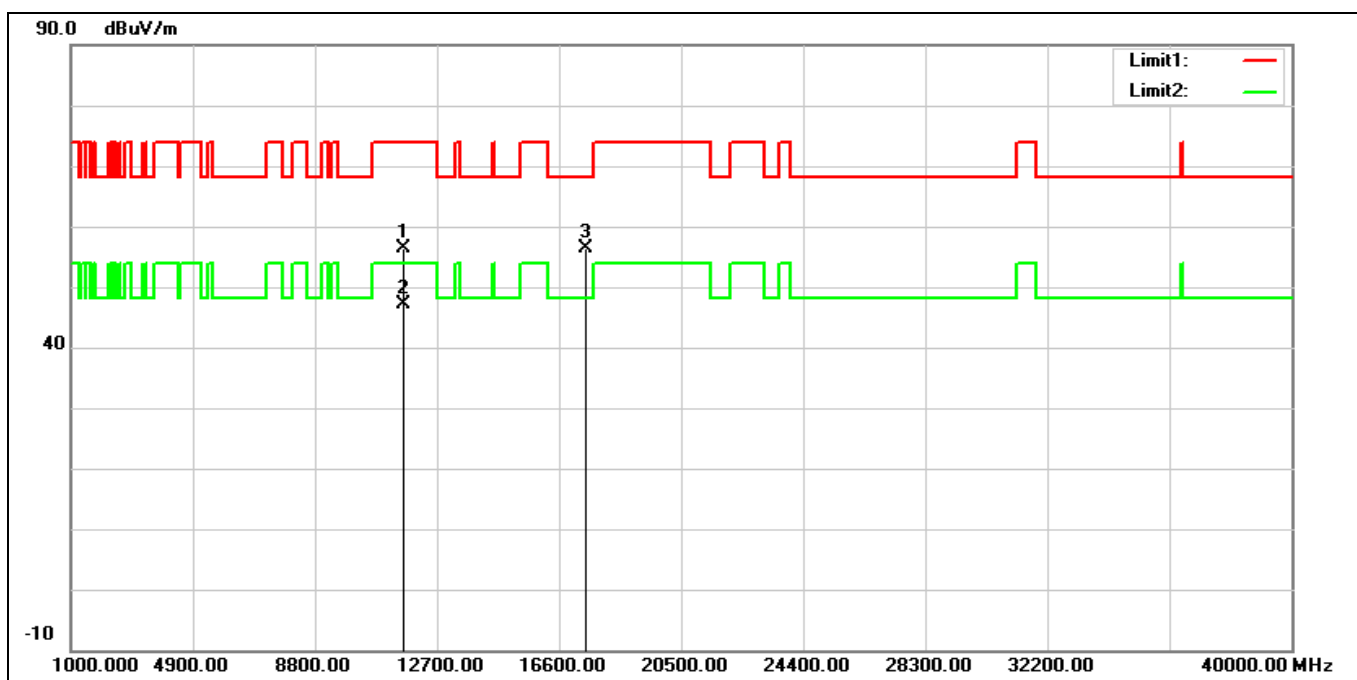
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	42.40	15.21	57.61	74.00	-16.39	peak
2*	11570.000	32.70	15.21	47.91	54.00	-6.09	AVG
3	17355.000	32.56	22.96	55.52	68.20	-12.68	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5785 MHz		
Remark:			



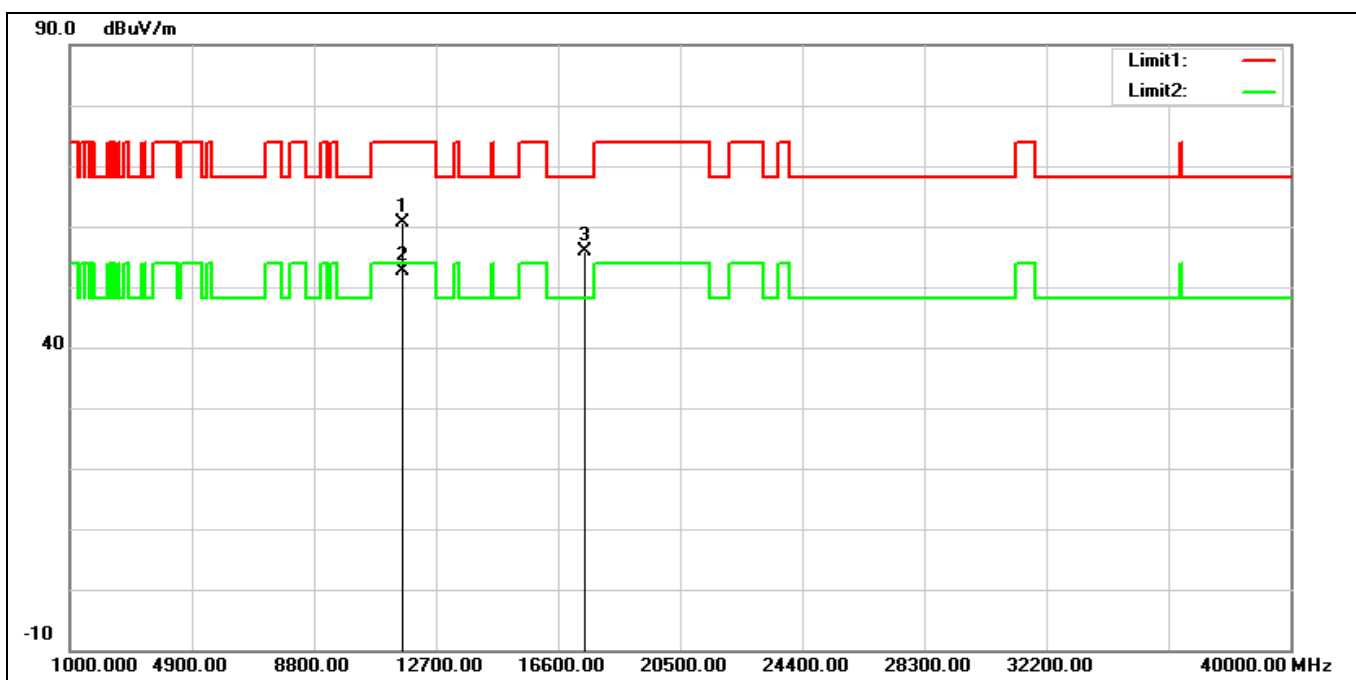
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	49.06	15.21	64.27	74.00	-9.73	peak
2*	11570.000	38.27	15.21	53.48	54.00	-0.52	AVG
3	17355.000	31.42	22.96	54.38	68.20	-13.82	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5825 MHz		
Remark:			



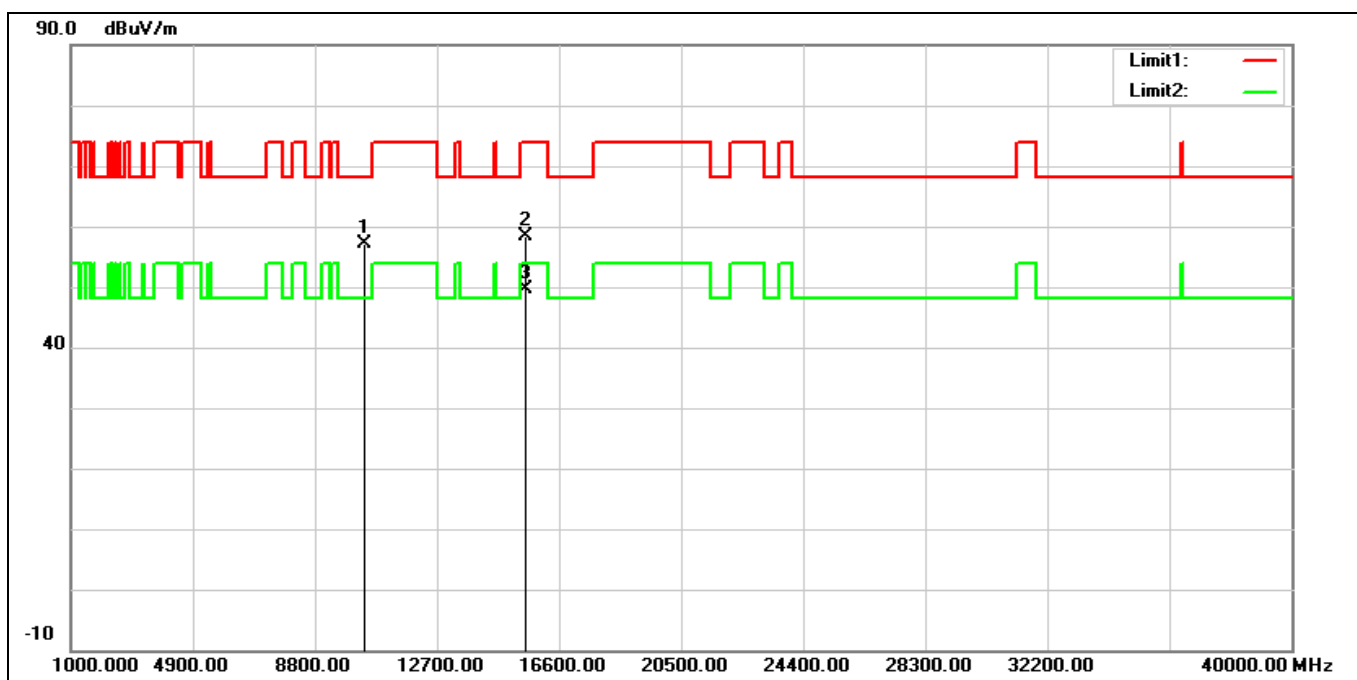
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	41.34	15.04	56.38	74.00	-17.62	peak
2*	11650.000	32.06	15.04	47.10	54.00	-6.90	AVG
3	17475.000	32.54	23.95	56.49	68.20	-11.71	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5825 MHz		
Remark:			



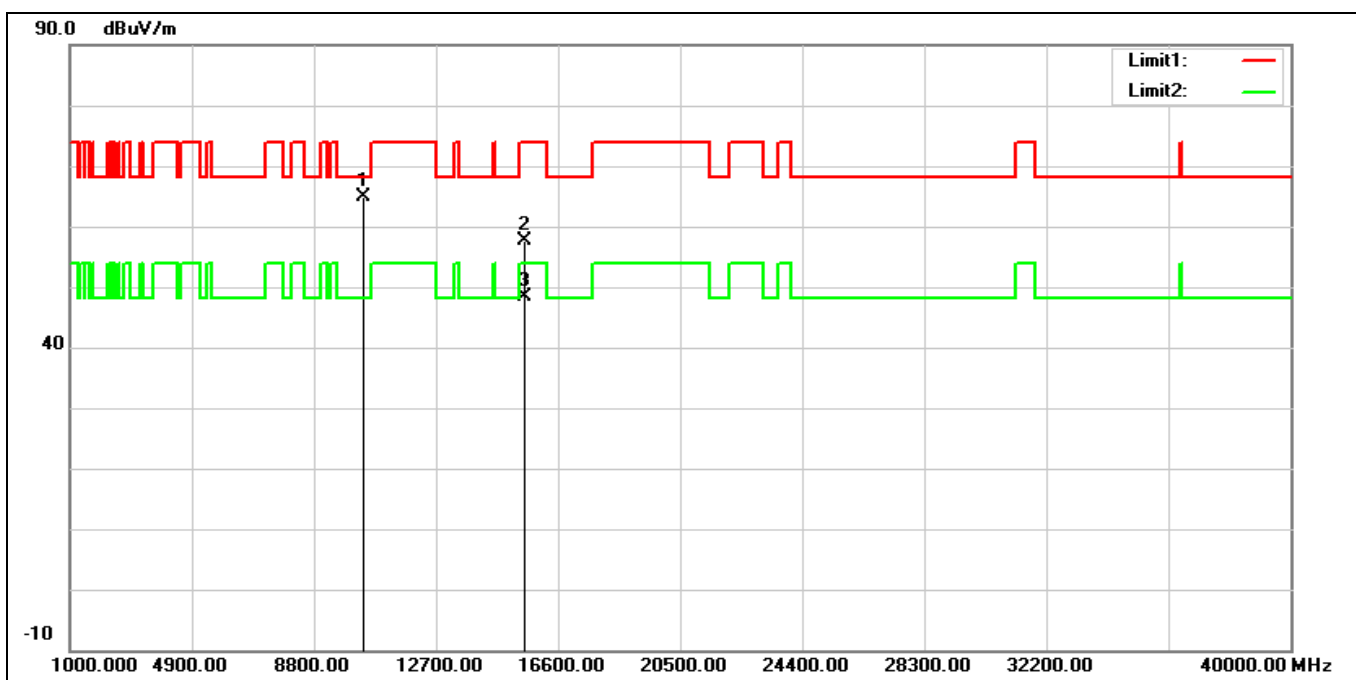
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	45.60	15.04	60.64	74.00	-13.36	peak
2*	11650.000	37.68	15.04	52.72	54.00	-1.28	AVG
3	17475.000	31.82	23.95	55.77	68.20	-12.43	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT20 5180 MHz		
Remark:			



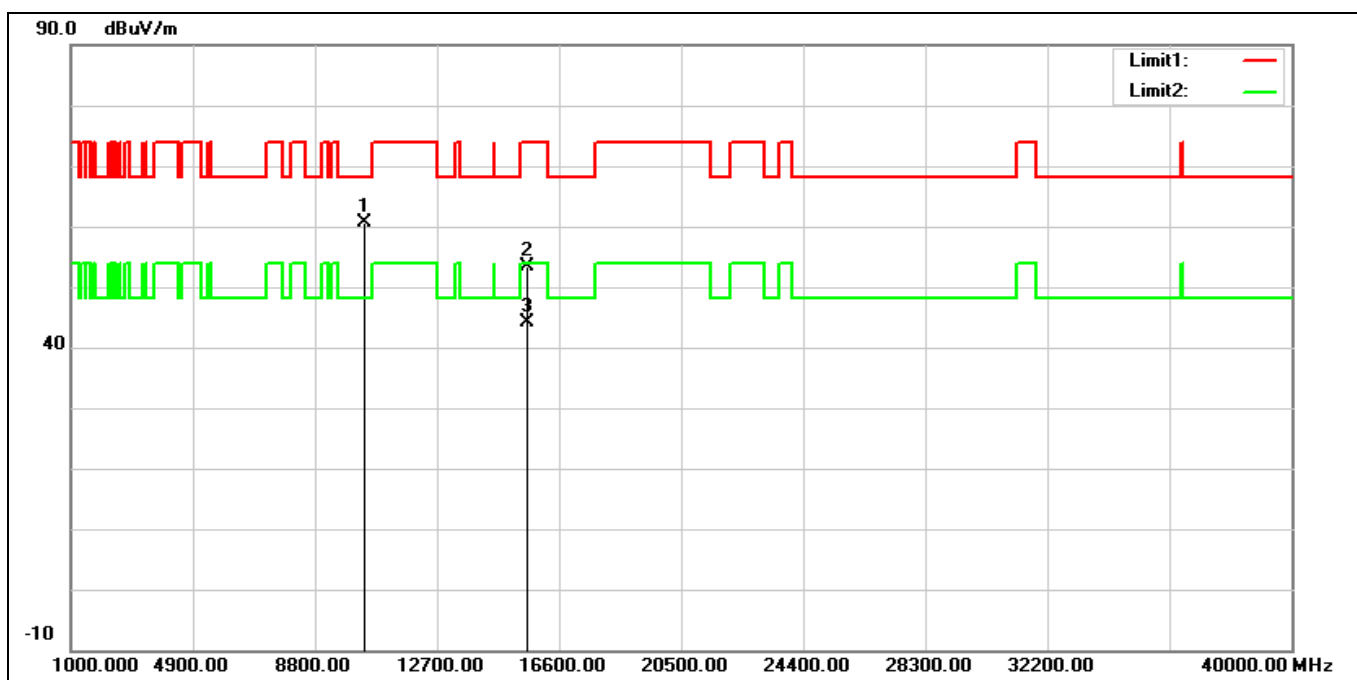
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	43.06	13.99	57.05	68.20	-11.15	peak
2	15540.000	40.96	17.31	58.27	74.00	-15.73	peak
3*	15540.000	32.22	17.31	49.53	54.00	-4.47	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT20 5180 MHz		
Remark:			



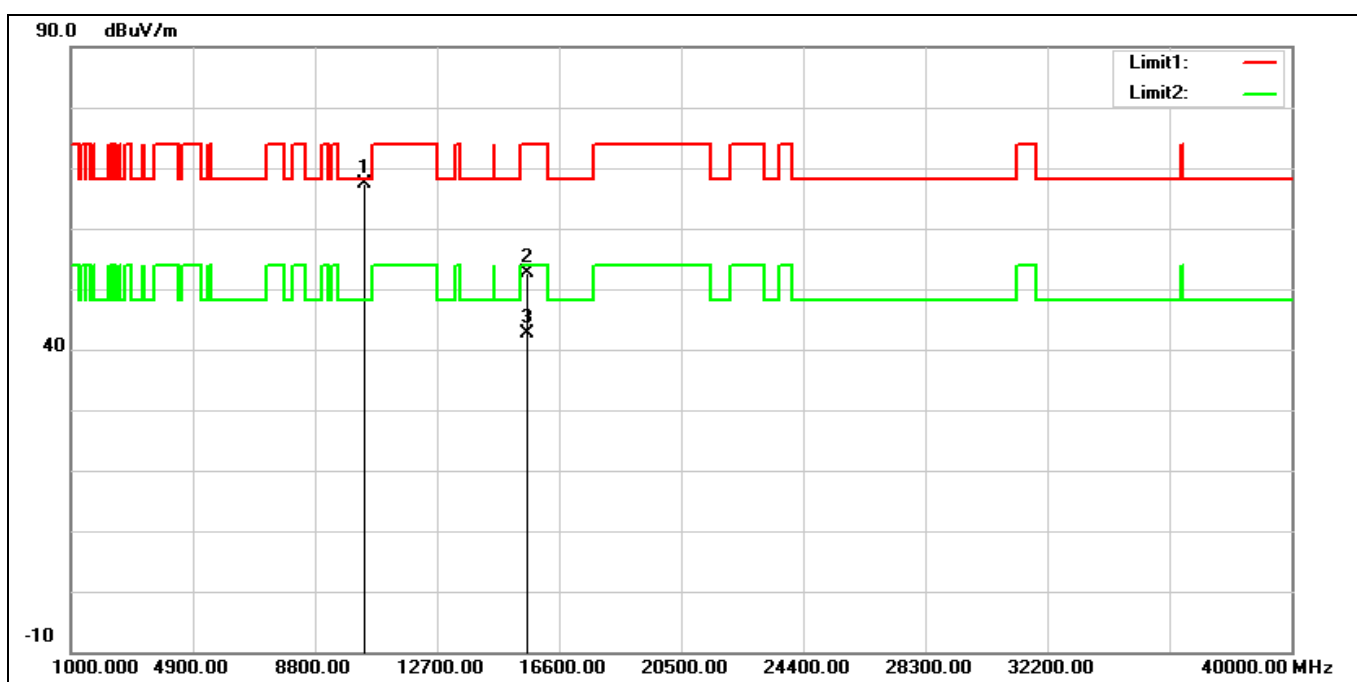
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	10360.000	50.93	13.99	64.92	68.20	-3.28	peak
2	15540.000	40.20	17.31	57.51	74.00	-16.49	peak
3	15540.000	31.09	17.31	48.40	54.00	-5.60	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT20 5200 MHz		
Remark:			



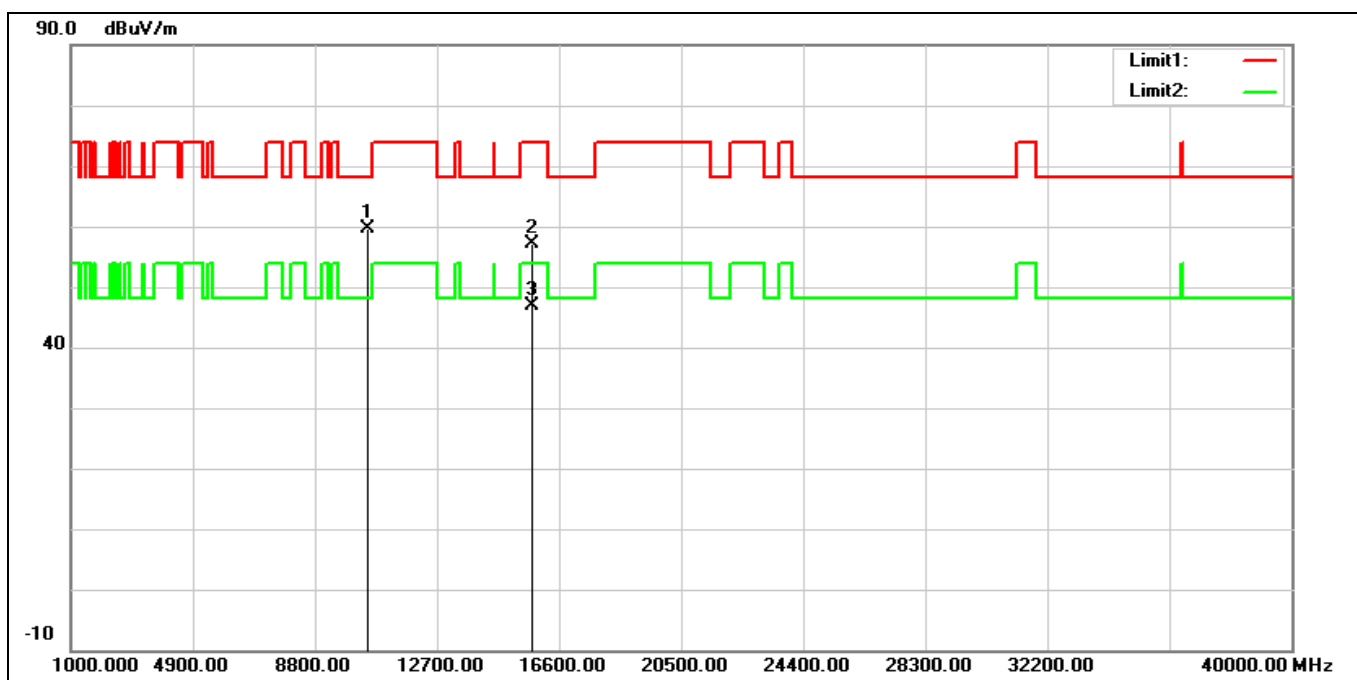
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	10400.000	46.46	14.10	60.56	68.20	-7.64	peak
2	15600.000	36.42	17.01	53.43	74.00	-20.57	peak
3	15600.000	27.02	17.01	44.03	54.00	-9.97	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT20 5200 MHz		
Remark:			



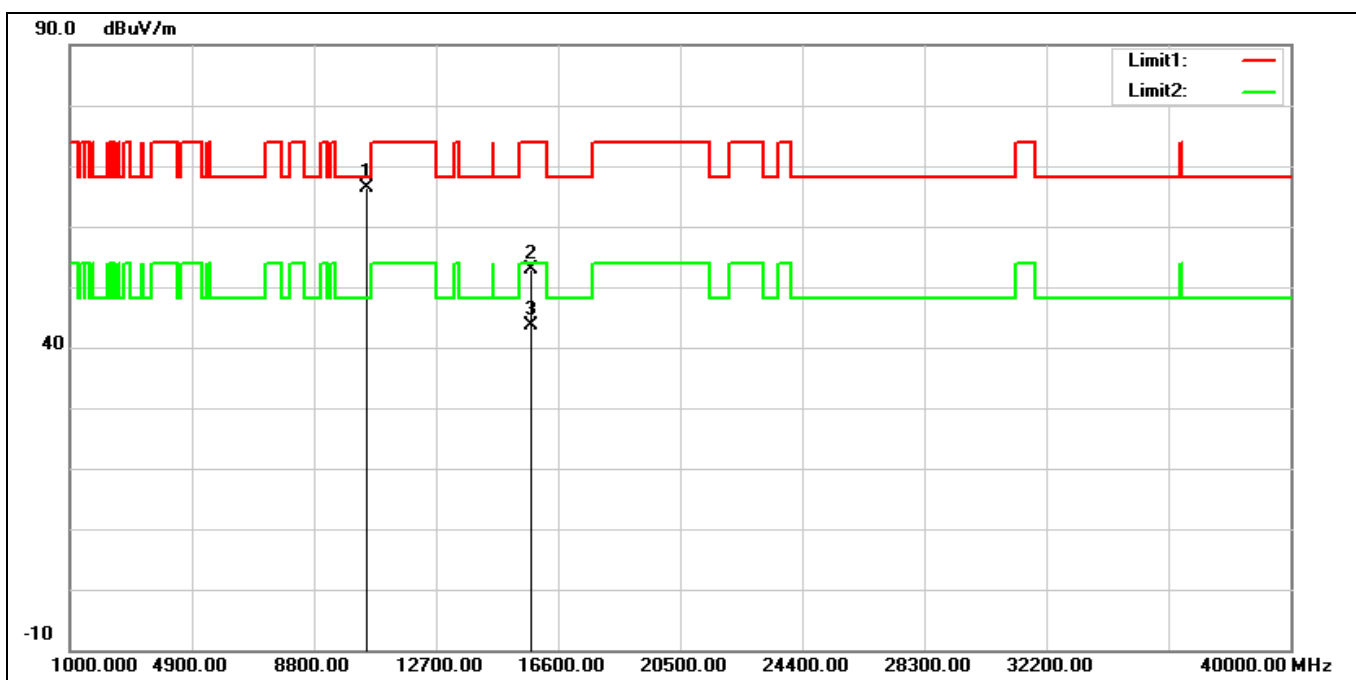
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	10400.000	53.29	14.10	67.39	68.20	-0.81	peak
2	15600.000	35.70	17.01	52.71	74.00	-21.29	peak
3	15600.000	25.71	17.01	42.72	54.00	-11.28	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT20 5240 MHz		
Remark:			



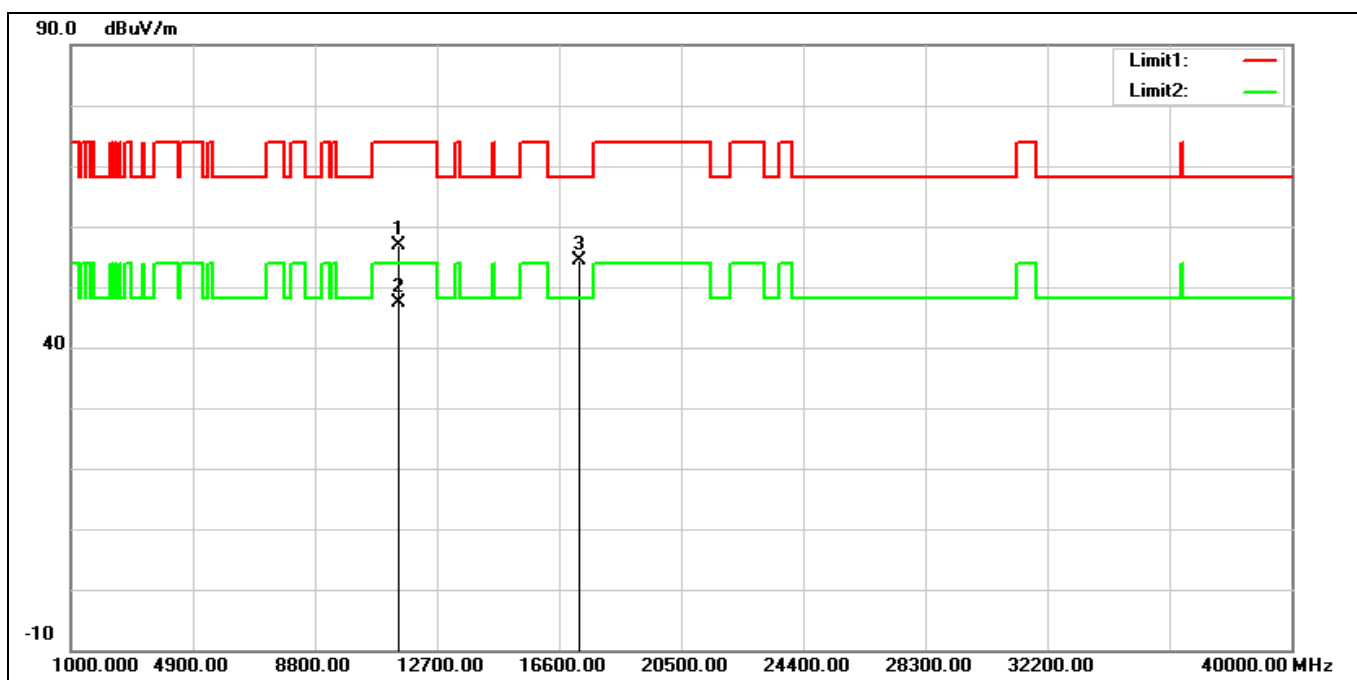
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	45.03	14.54	59.57	68.20	-8.63	peak
2	15720.000	39.83	17.34	57.17	74.00	-16.83	peak
3*	15720.000	29.63	17.34	46.97	54.00	-7.03	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT20 5240 MHz		
Remark:			



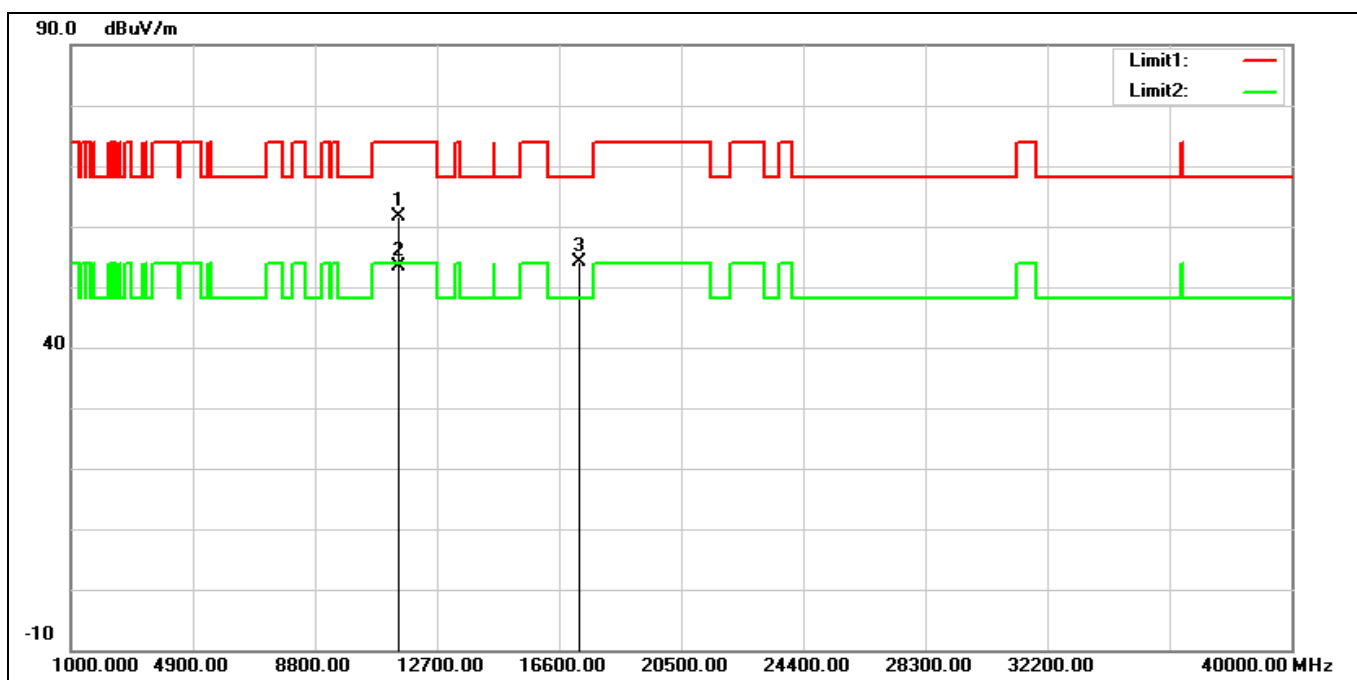
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	10480.000	51.80	14.54	66.34	68.20	-1.86	peak
2	15720.000	35.57	17.34	52.91	74.00	-21.09	peak
3	15720.000	26.41	17.34	43.75	54.00	-10.25	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT20 5745 MHz		
Remark:			



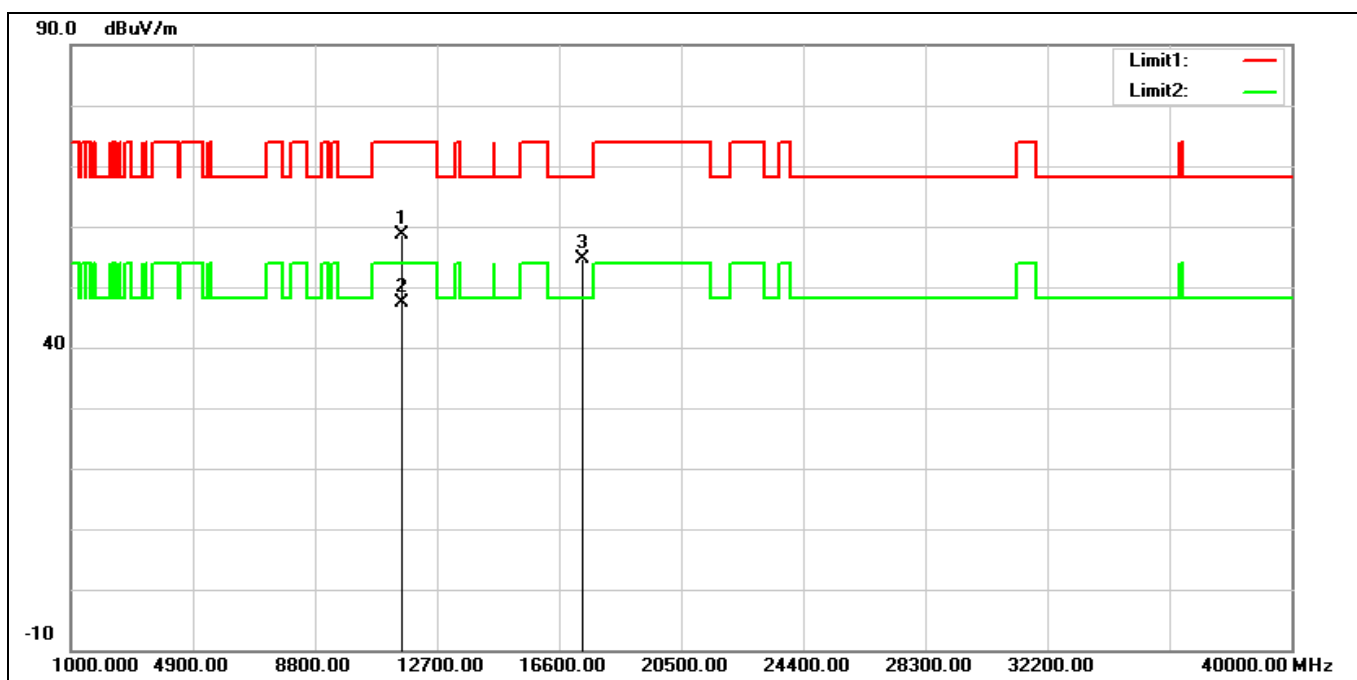
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	41.37	15.42	56.79	74.00	-17.21	peak
2*	11490.000	32.08	15.42	47.50	54.00	-6.50	AVG
3	17235.000	32.43	22.01	54.44	68.20	-13.76	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT20 5745 MHz		
Remark:			



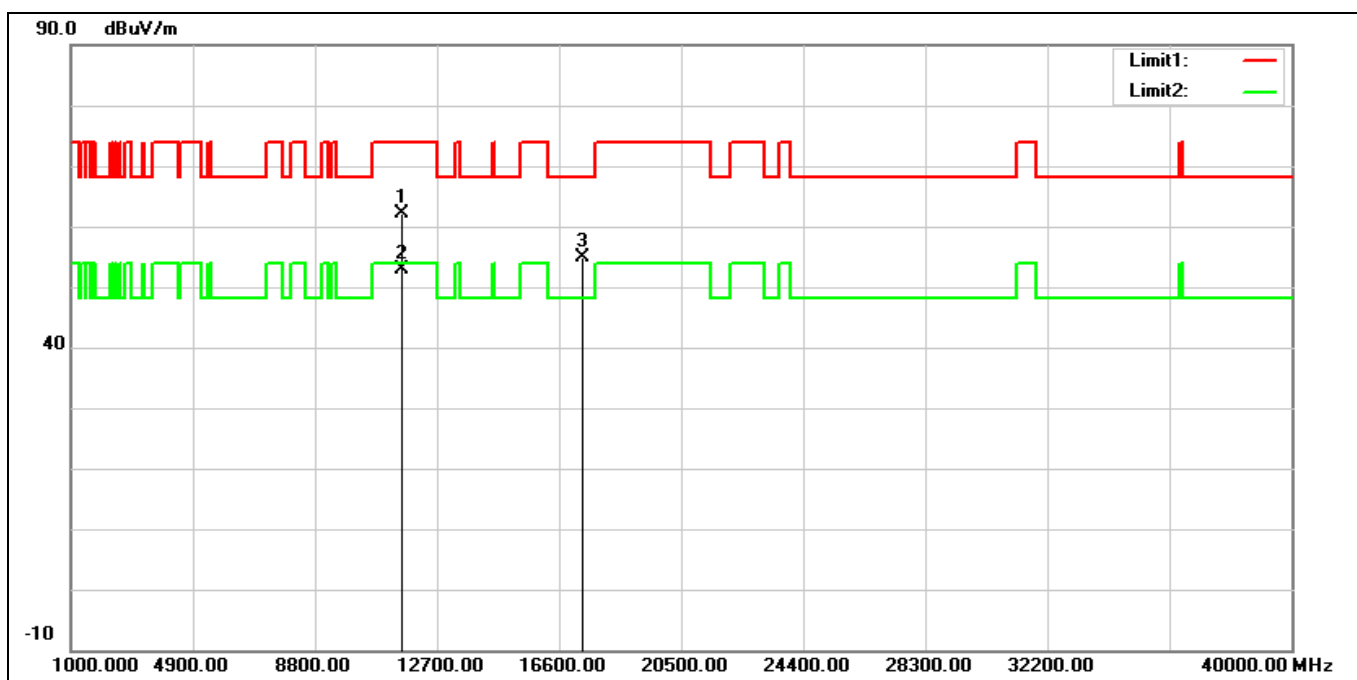
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	46.13	15.42	61.55	74.00	-12.45	peak
2*	11490.000	37.85	15.42	53.27	54.00	-0.73	AVG
3	17235.000	32.04	22.01	54.05	68.20	-14.15	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT20 5785 MHz		
Remark:			



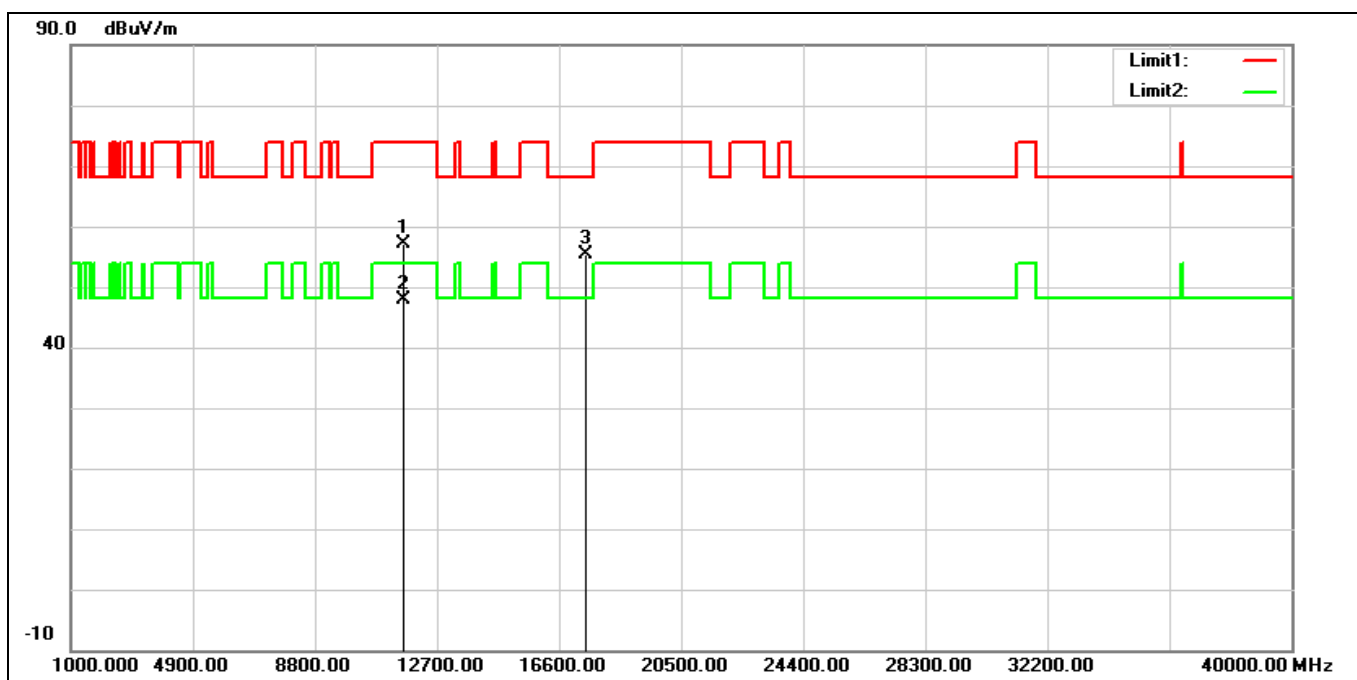
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	43.40	15.21	58.61	74.00	-15.39	peak
2*	11570.000	32.12	15.21	47.33	54.00	-6.67	AVG
3	17355.000	31.74	22.96	54.70	68.20	-13.50	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT20 5785 MHz		
Remark:			



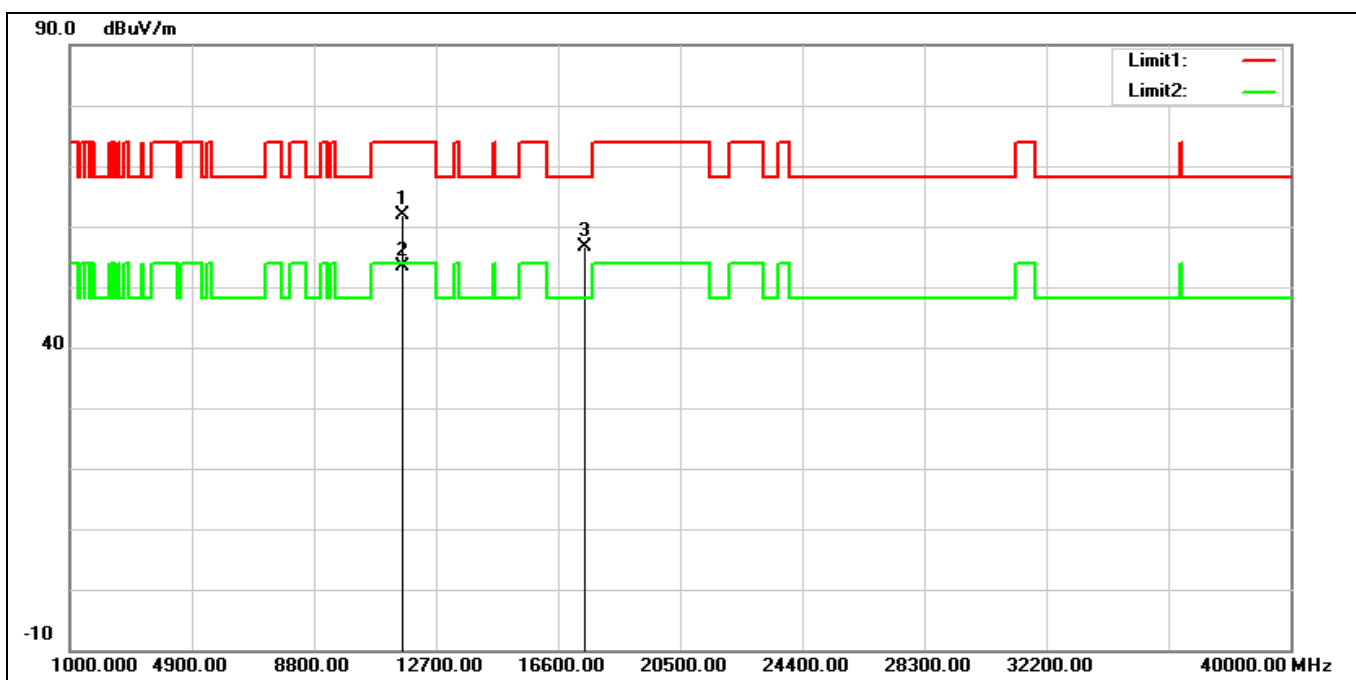
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	46.98	15.21	62.19	74.00	-11.81	peak
2*	11570.000	37.79	15.21	53.00	54.00	-1.00	AVG
3	17355.000	31.98	22.96	54.94	68.20	-13.26	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT20 5825 MHz		
Remark:			



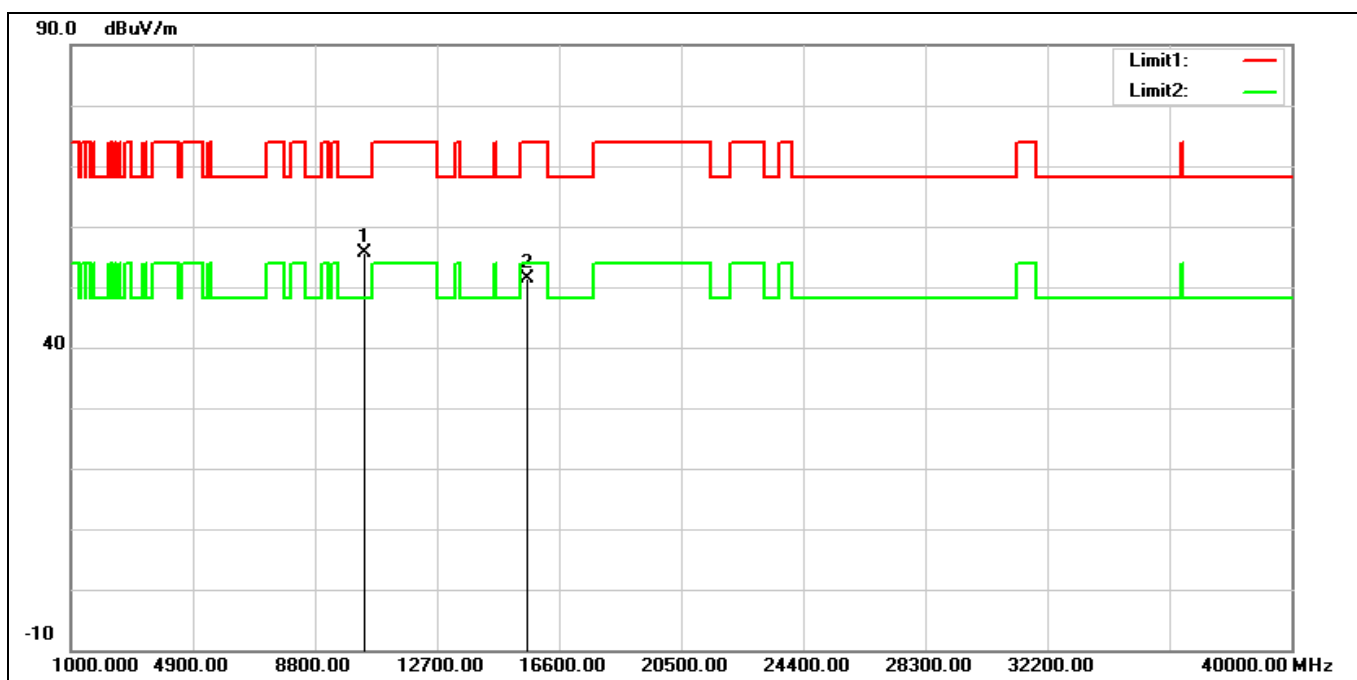
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	42.20	15.04	57.24	74.00	-16.76	peak
2*	11650.000	32.84	15.04	47.88	54.00	-6.12	AVG
3	17475.000	31.47	23.95	55.42	68.20	-12.78	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT20 5825 MHz		
Remark:			



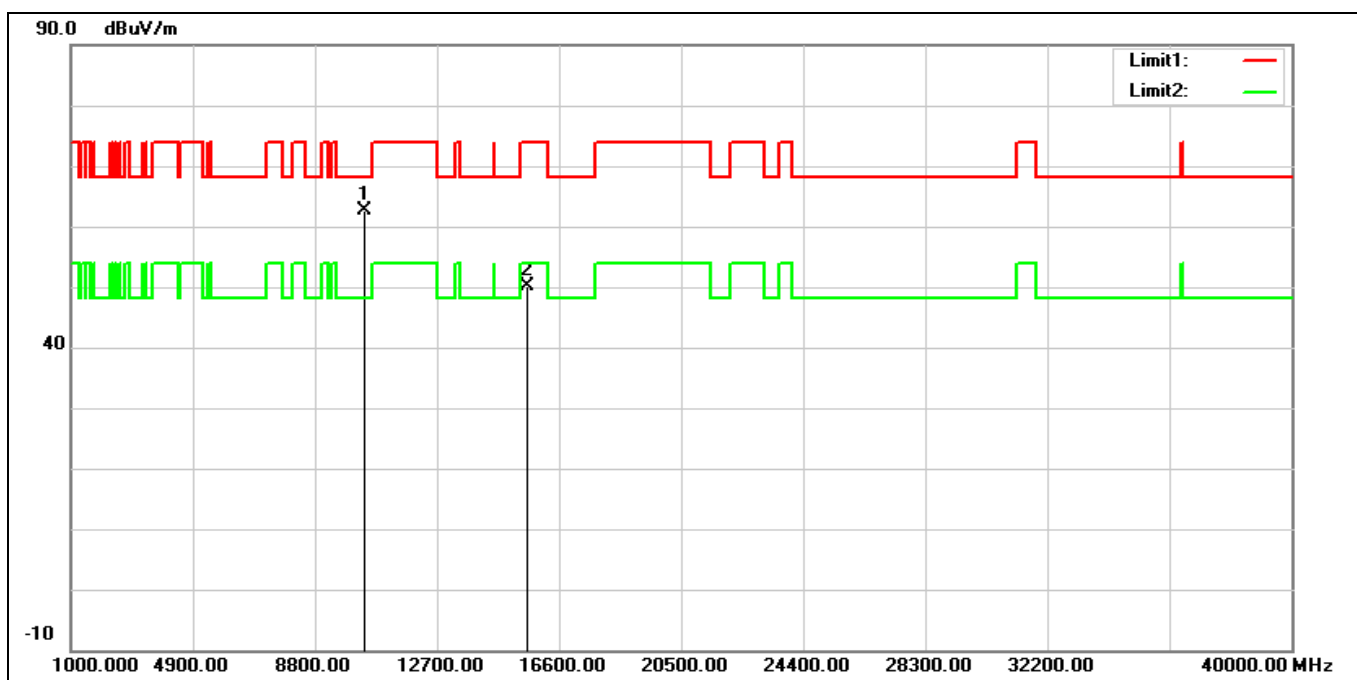
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	46.78	15.04	61.82	74.00	-12.18	peak
2*	11650.000	38.45	15.04	53.49	54.00	-0.51	AVG
3	17475.000	32.59	23.95	56.54	68.20	-11.66	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT40 5190 MHz		
Remark:			



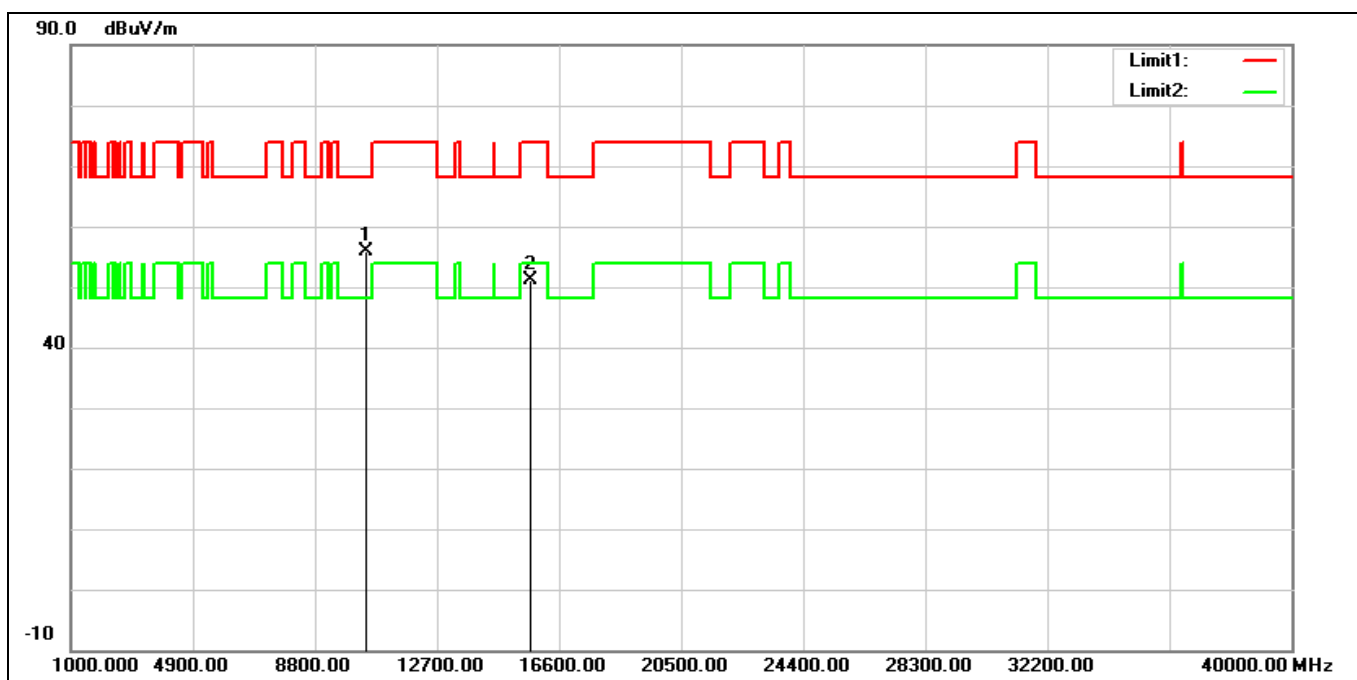
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	10380.000	41.69	14.04	55.73	68.20	-12.47	peak
2	15570.000	34.10	17.16	51.26	74.00	-22.74	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT40 5190 MHz		
Remark:			



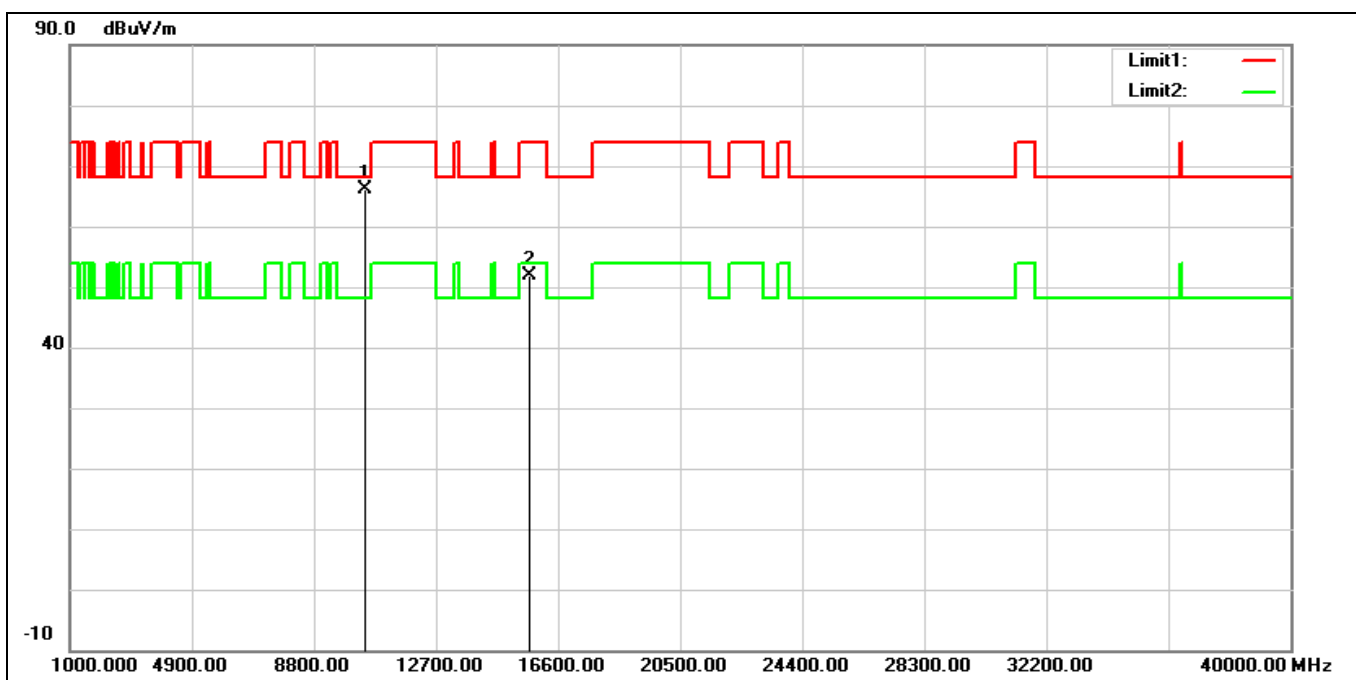
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	10380.000	48.58	14.04	62.62	68.20	-5.58	peak
2	15570.000	33.08	17.16	50.24	74.00	-23.76	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT40 5230 MHz		
Remark:			



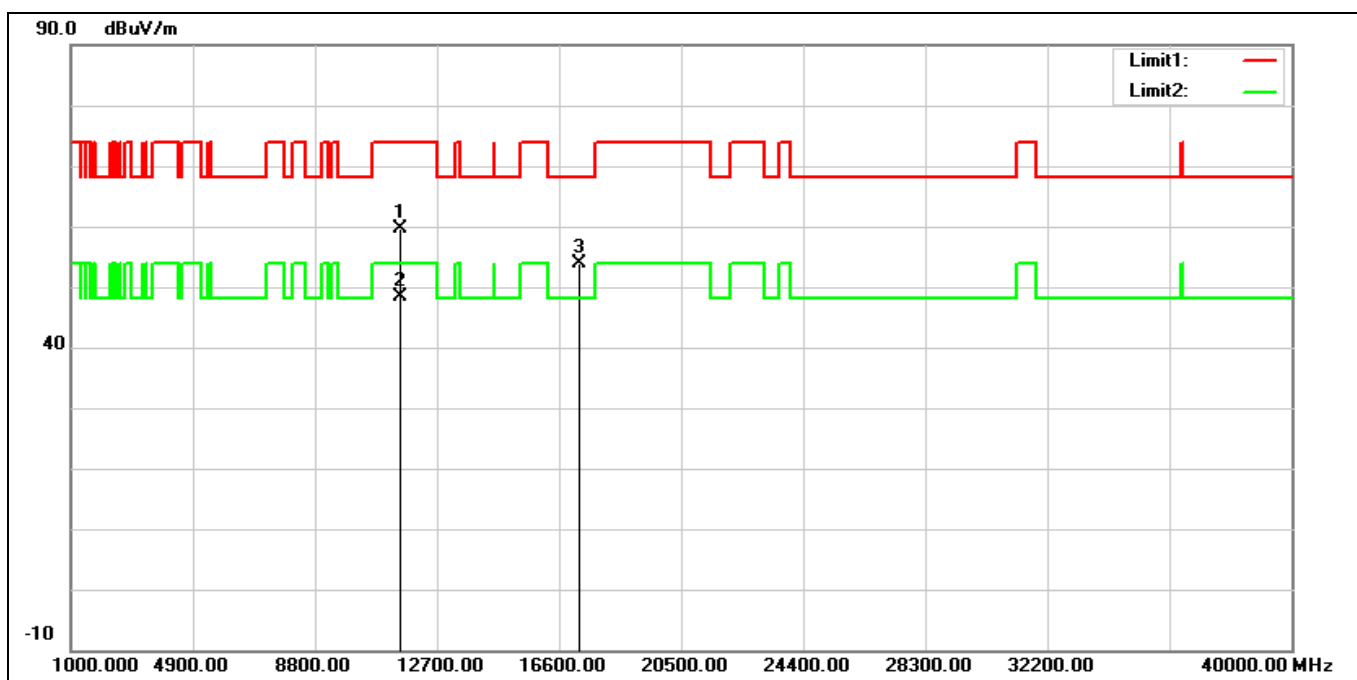
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	10460.000	41.52	14.43	55.95	68.20	-12.25	peak
2	15690.000	33.80	17.37	51.17	74.00	-22.83	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT40 5230 MHz		
Remark:			



No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	10460.000	51.76	14.43	66.19	68.20	-2.01	peak
2	15690.000	34.53	17.37	51.90	74.00	-22.10	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT40 5755 MHz		
Remark:			



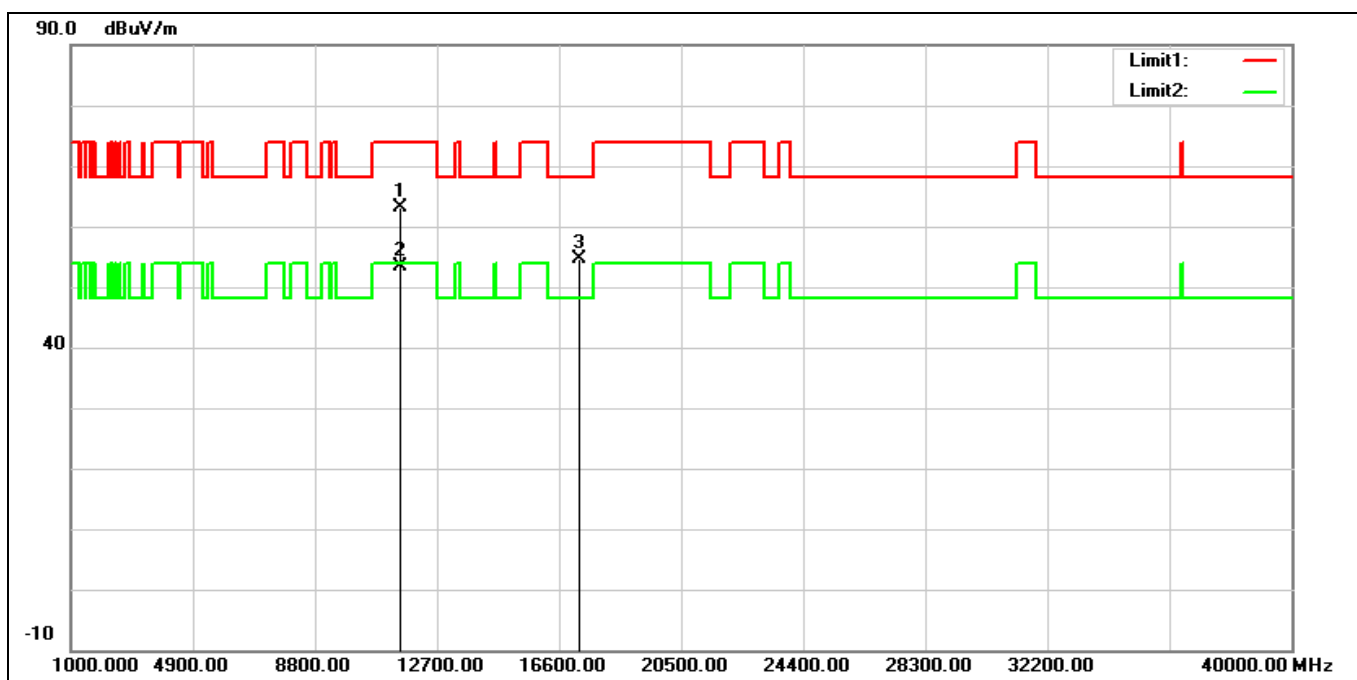
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	44.27	15.42	59.69	74.00	-14.31	peak
2*	11510.000	32.92	15.42	48.34	54.00	-5.66	AVG
3	17265.000	31.66	22.32	53.98	68.20	-14.22	peak

Standard: Part 15E Test Site: 966 Chamber

Polarization: Vertical

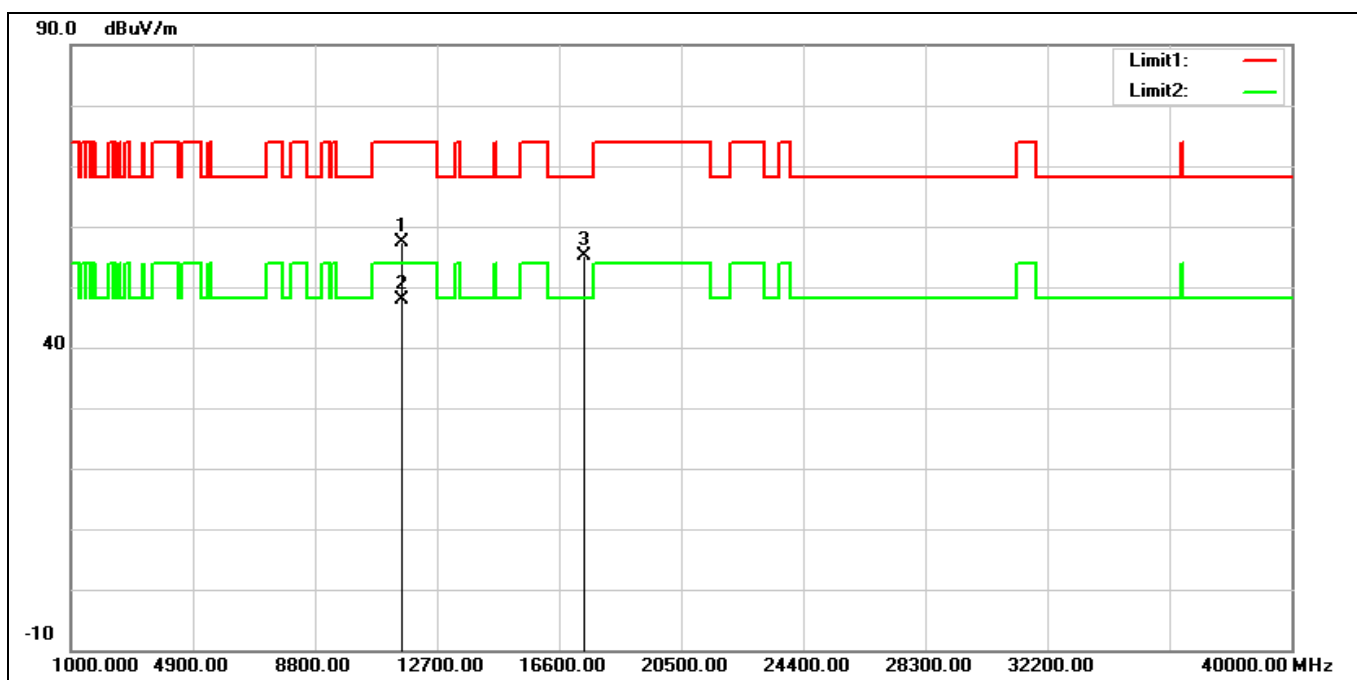
Test Mode: 802.11ac VHT40 5755 MHz

Remark:



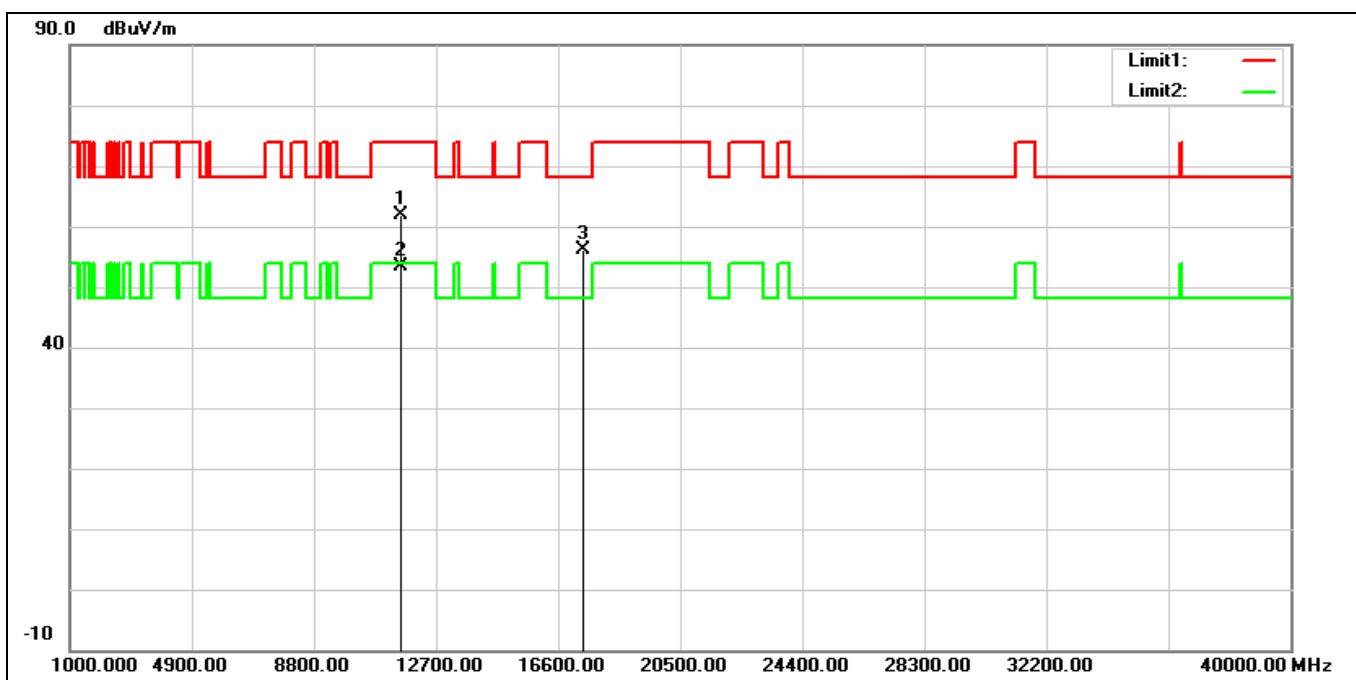
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	47.79	15.42	63.21	74.00	-10.79	peak
2*	11510.000	38.07	15.42	53.49	54.00	-0.51	AVG
3	17265.000	32.21	22.32	54.53	68.20	-13.67	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT40 5795 MHz		
Remark:			



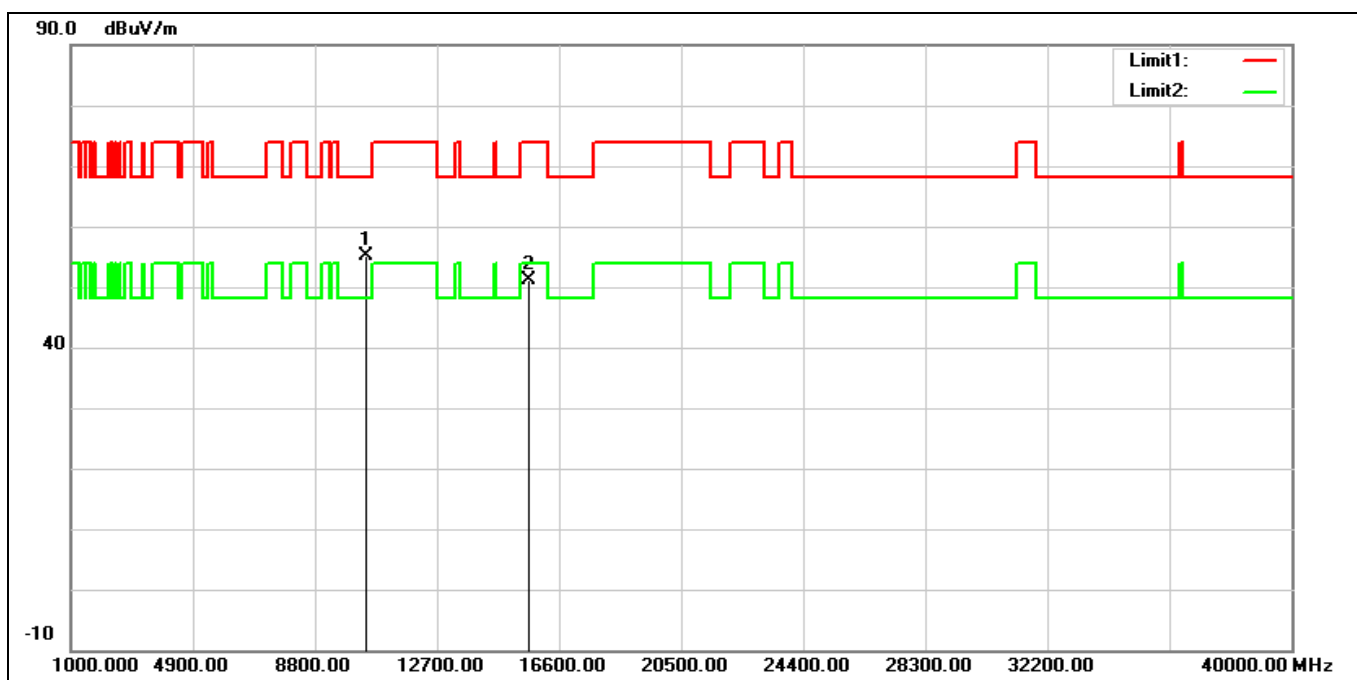
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	42.36	15.14	57.50	74.00	-16.50	peak
2*	11590.000	32.63	15.14	47.77	54.00	-6.23	AVG
3	17385.000	32.09	23.11	55.20	68.20	-13.00	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT40 5795 MHz		
Remark:			



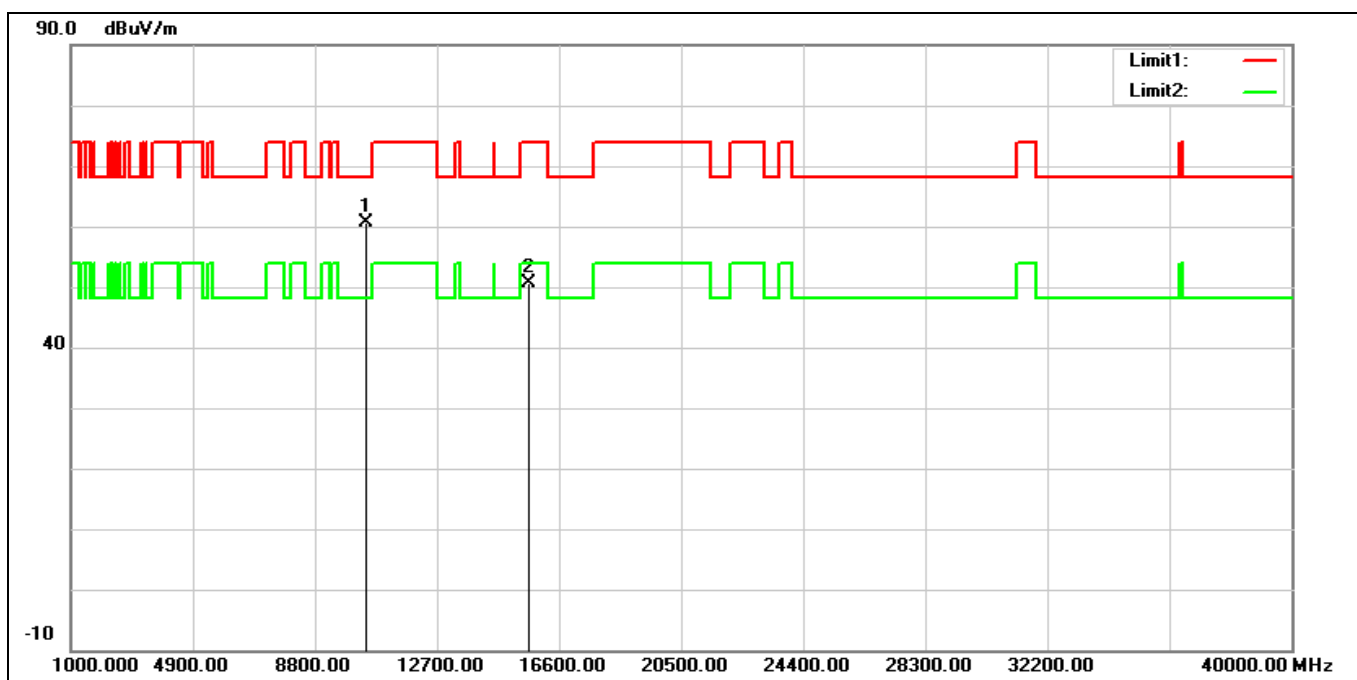
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	46.80	15.14	61.94	74.00	-12.06	peak
2*	11590.000	38.33	15.14	53.47	54.00	-0.53	AVG
3	17385.000	32.91	23.11	56.02	68.20	-12.18	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT80 5210 MHz		
Remark:			



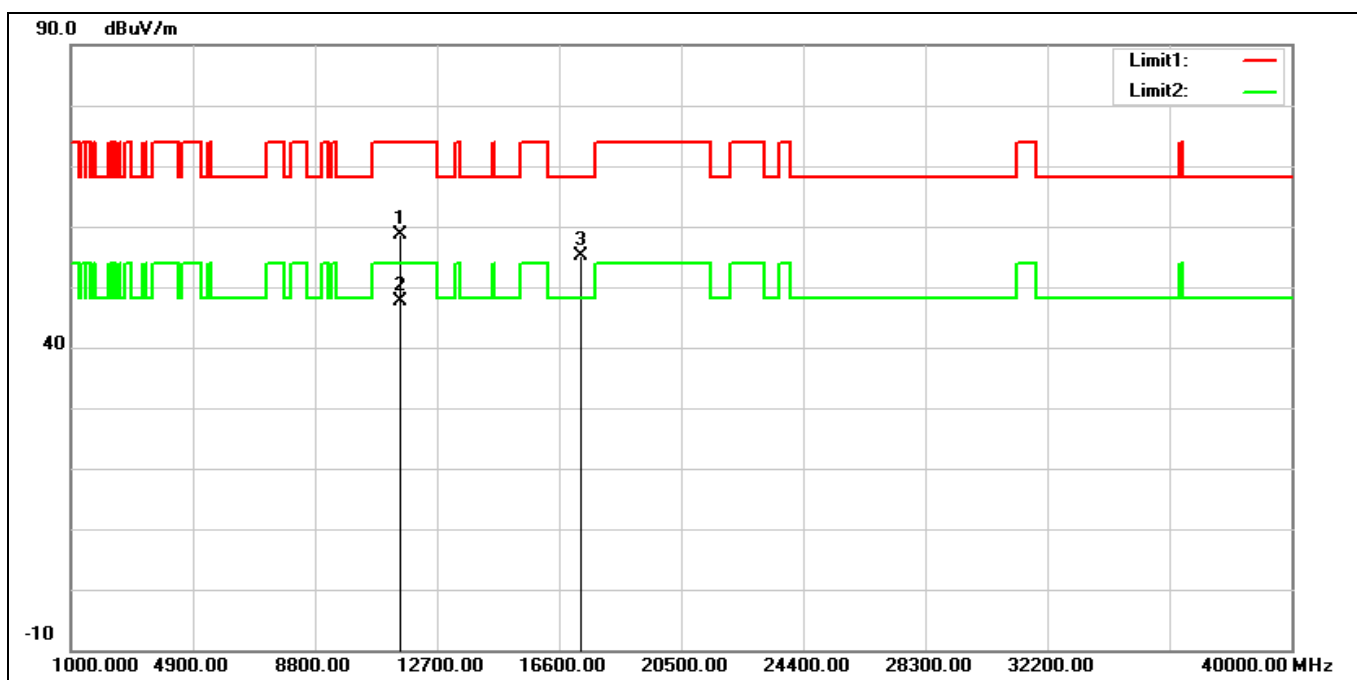
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	10420.000	40.89	14.20	55.09	68.20	-13.11	peak
2	15630.000	34.03	17.14	51.17	74.00	-22.83	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT80 5210 MHz		
Remark:			



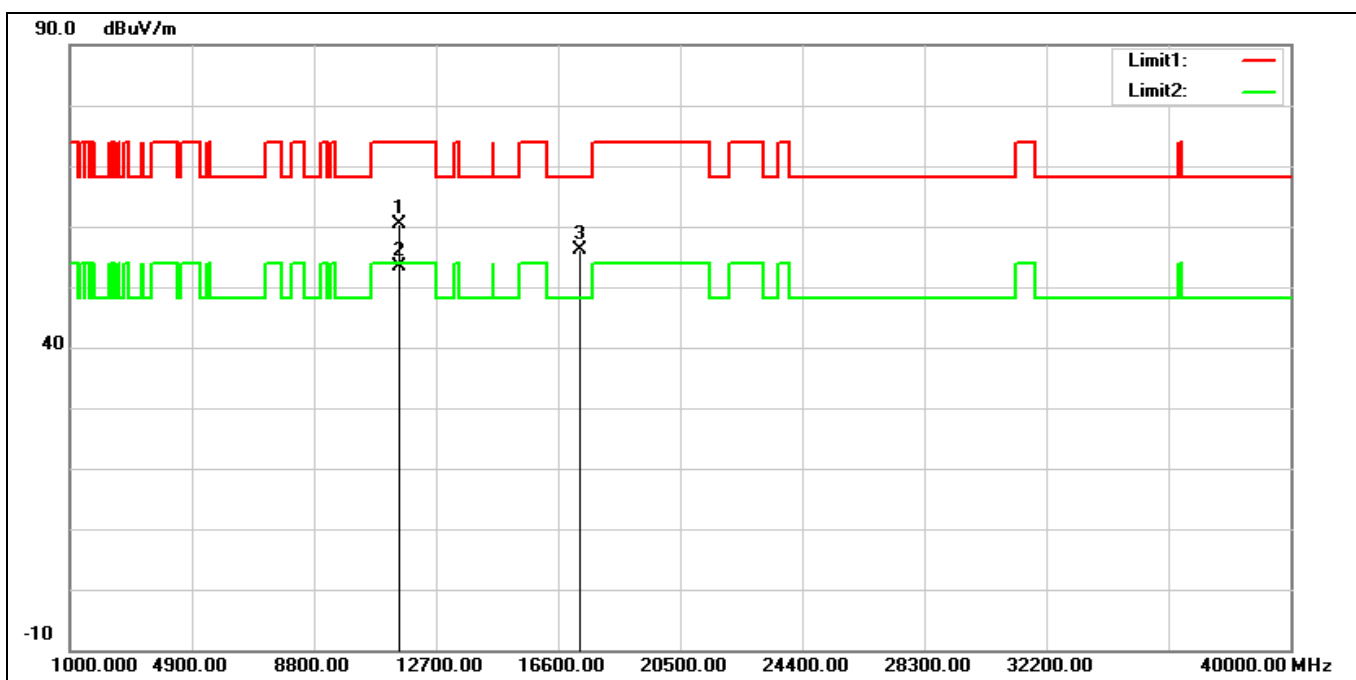
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	10420.000	46.31	14.20	60.51	68.20	-7.69	peak
2	15630.000	33.59	17.14	50.73	74.00	-23.27	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT80 5775 MHz		
Remark:			



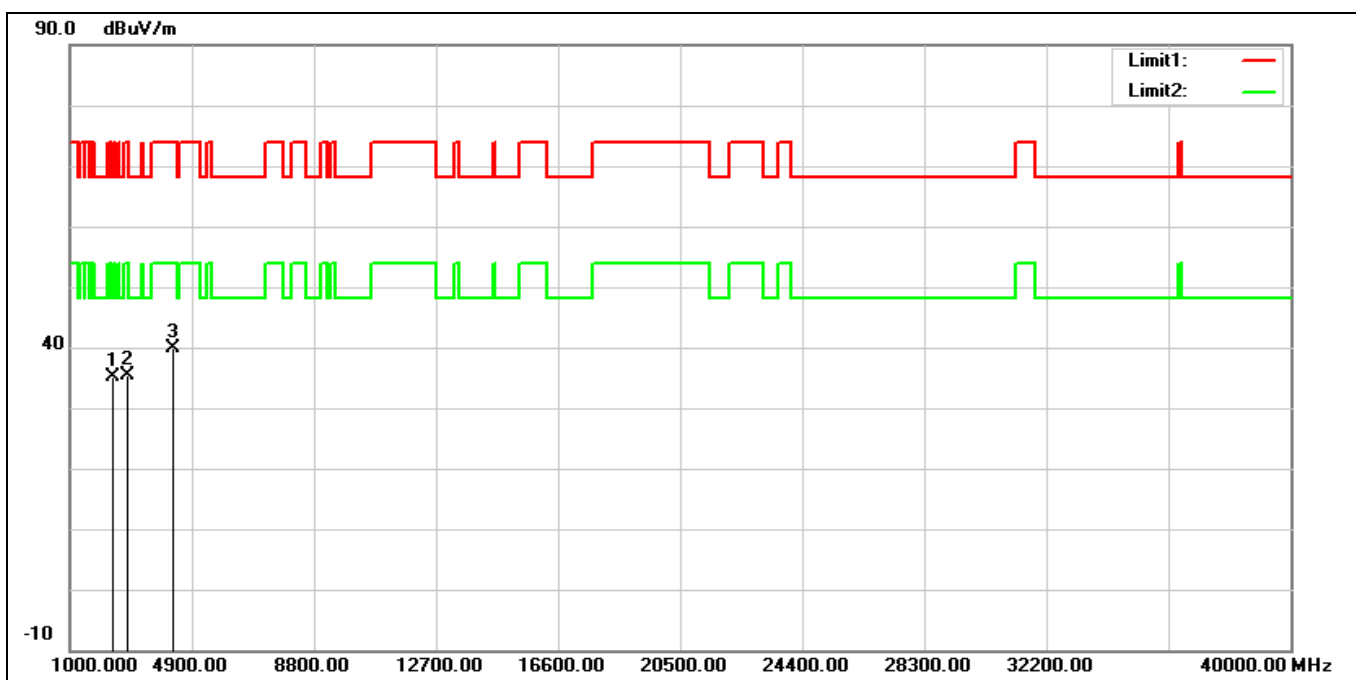
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	43.36	15.28	58.64	74.00	-15.36	peak
2*	11550.000	32.42	15.28	47.70	54.00	-6.30	AVG
3	17325.000	32.36	22.79	55.15	68.20	-13.05	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT80 5775 MHz		
Remark:			



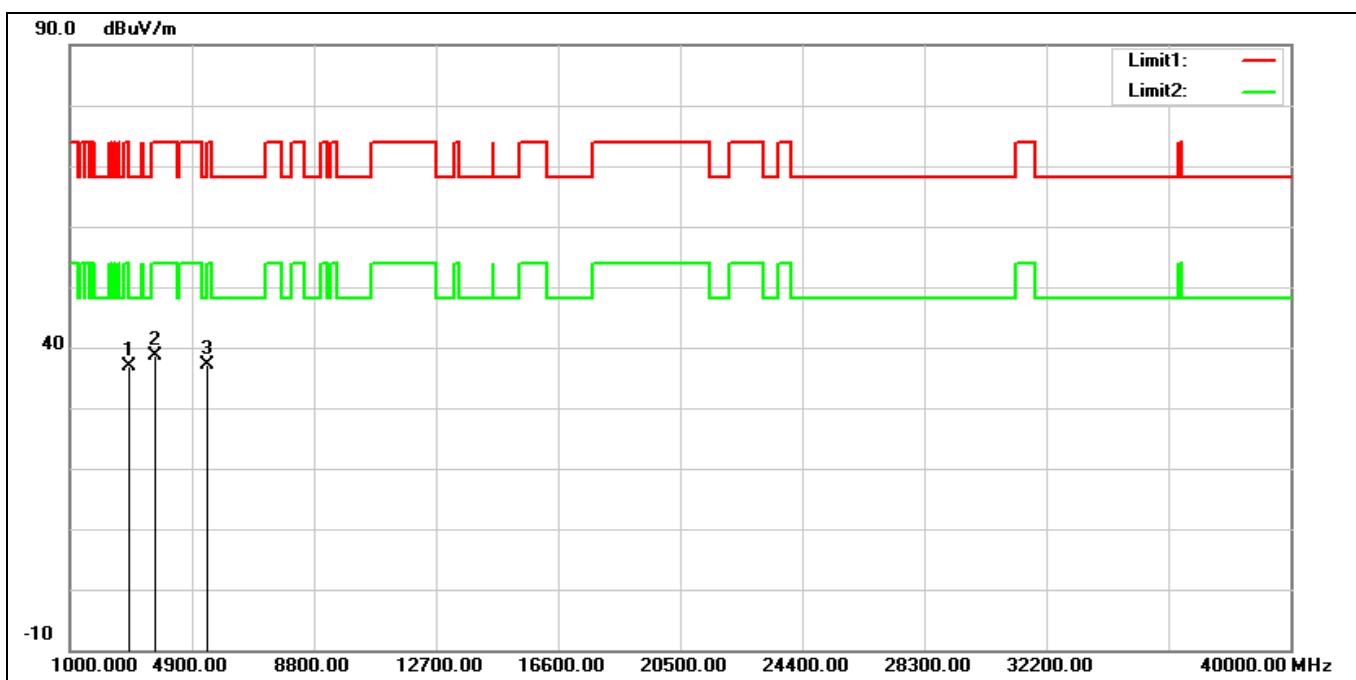
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	45.14	15.28	60.42	74.00	-13.58	peak
2*	11550.000	38.20	15.28	53.48	54.00	-0.52	AVG
3	17325.000	33.25	22.79	56.04	68.20	-12.16	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	Wifi 2.4G + Wifi 5G + Scanning radio 2.4G + Scanning radio 5G + BLE		
Remark:			



No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2343.000	41.22	-6.02	35.20	74.00	-38.80	peak
2	2853.000	40.65	-5.23	35.42	74.00	-38.58	peak
3*	4298.000	41.54	-1.63	39.91	74.00	-34.09	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	Wifi 2.4G + Wifi 5G + Scanning radio 2.4G + Scanning radio 5G + BLE		
Remark:			

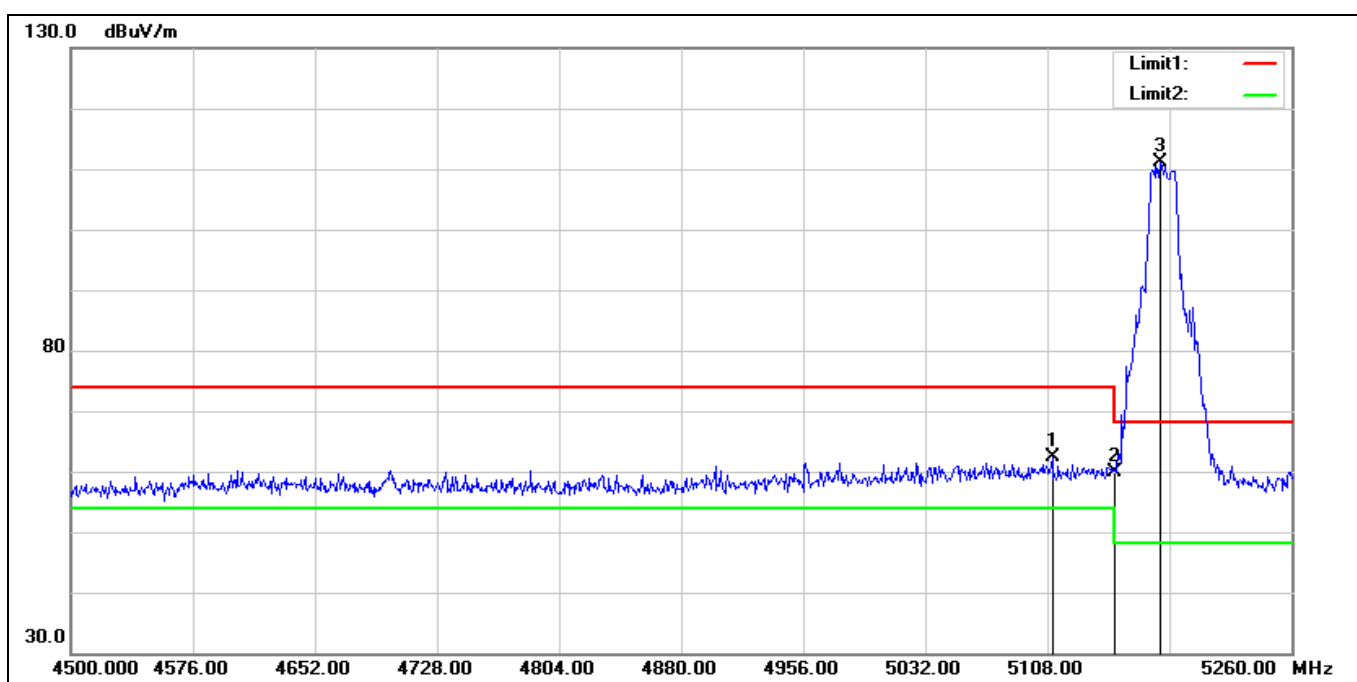


No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2853.000	42.01	-5.23	36.78	74.00	-37.22	peak
2*	3737.000	41.77	-3.24	38.53	74.00	-35.47	peak
3	5386.000	35.63	1.42	37.05	74.00	-36.95	peak

Band Edge

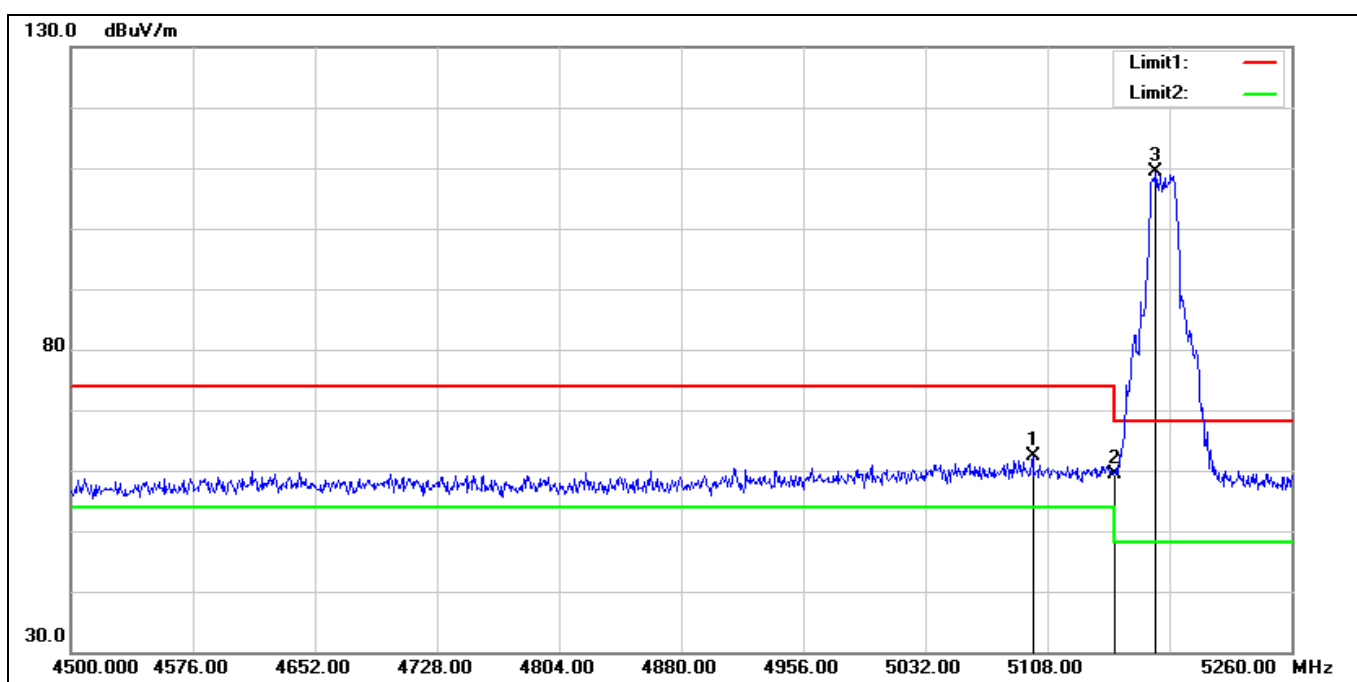
Peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5180 MHz		
Remark:			



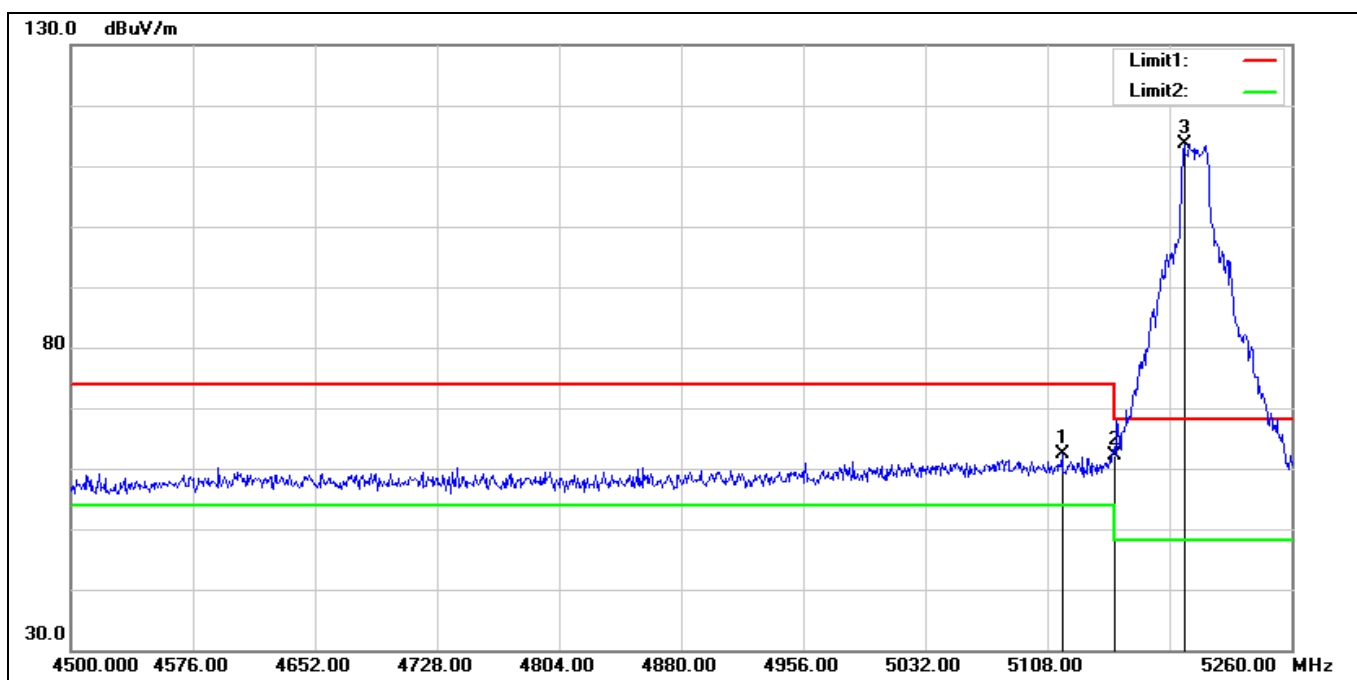
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5111.040	61.03	1.37	62.40	74.00	-11.60	peak
2	5150.000	58.40	1.42	59.82	74.00	-14.18	peak
3*	5177.920	109.70	1.35	111.05	68.20	42.85	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5180 MHz		
Remark:			



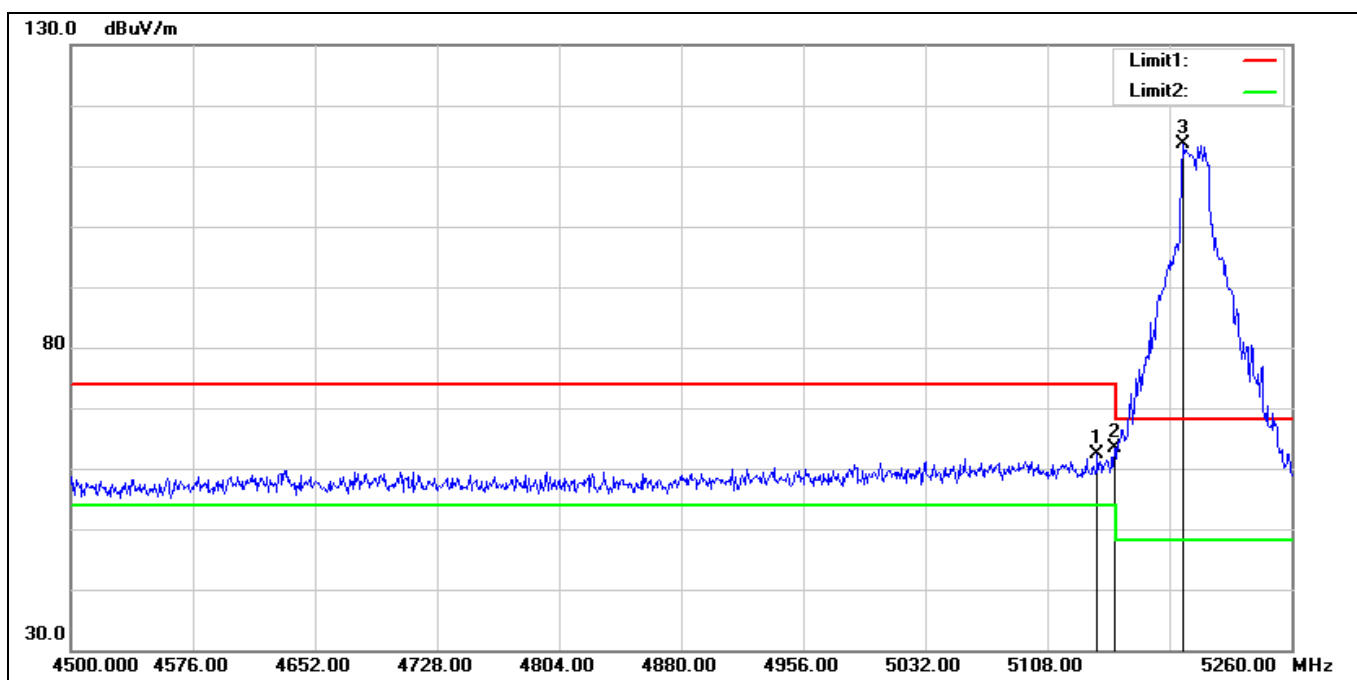
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5098.880	61.01	1.35	62.36	74.00	-11.64	peak
2	5150.000	57.99	1.42	59.41	74.00	-14.59	peak
3*	5175.640	107.99	1.36	109.35	68.20	41.15	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5200 MHz		
Remark:			



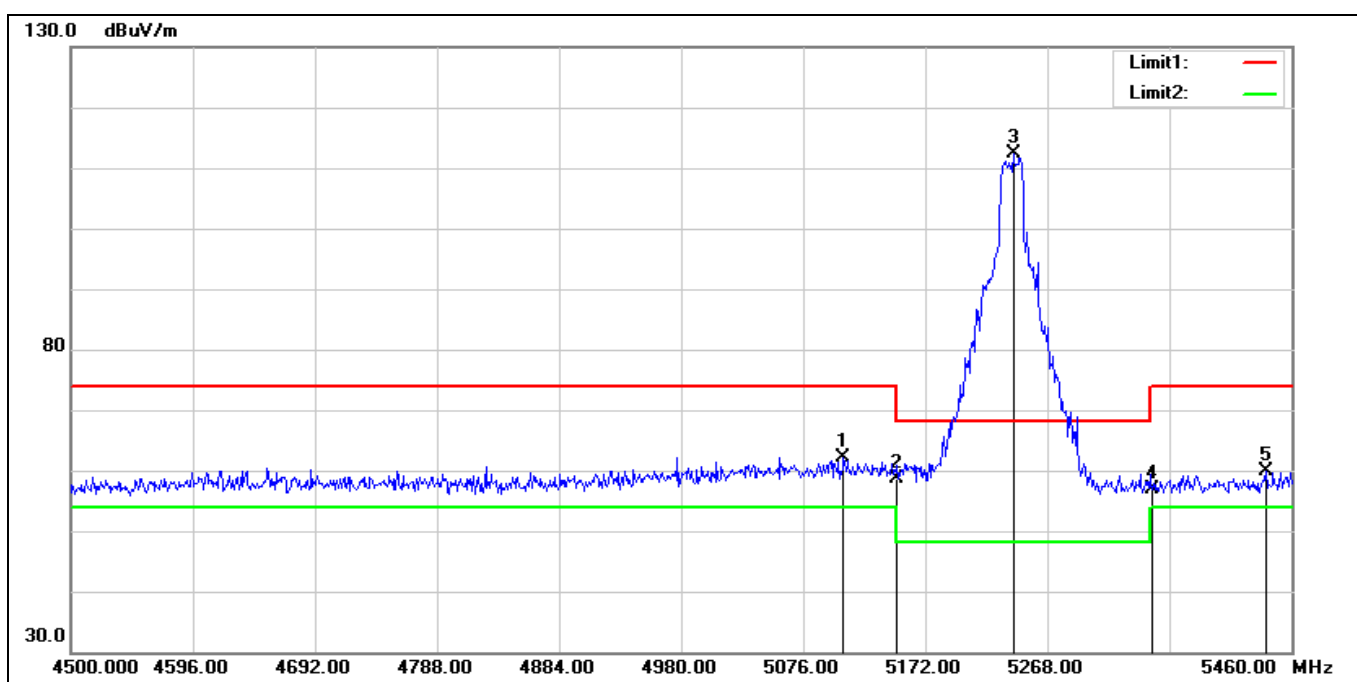
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5117.120	61.01	1.37	62.38	74.00	-11.62	peak
2	5150.000	60.74	1.42	62.16	74.00	-11.84	peak
3*	5193.120	112.39	1.31	113.70	68.20	45.50	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5200 MHz		
Remark:			



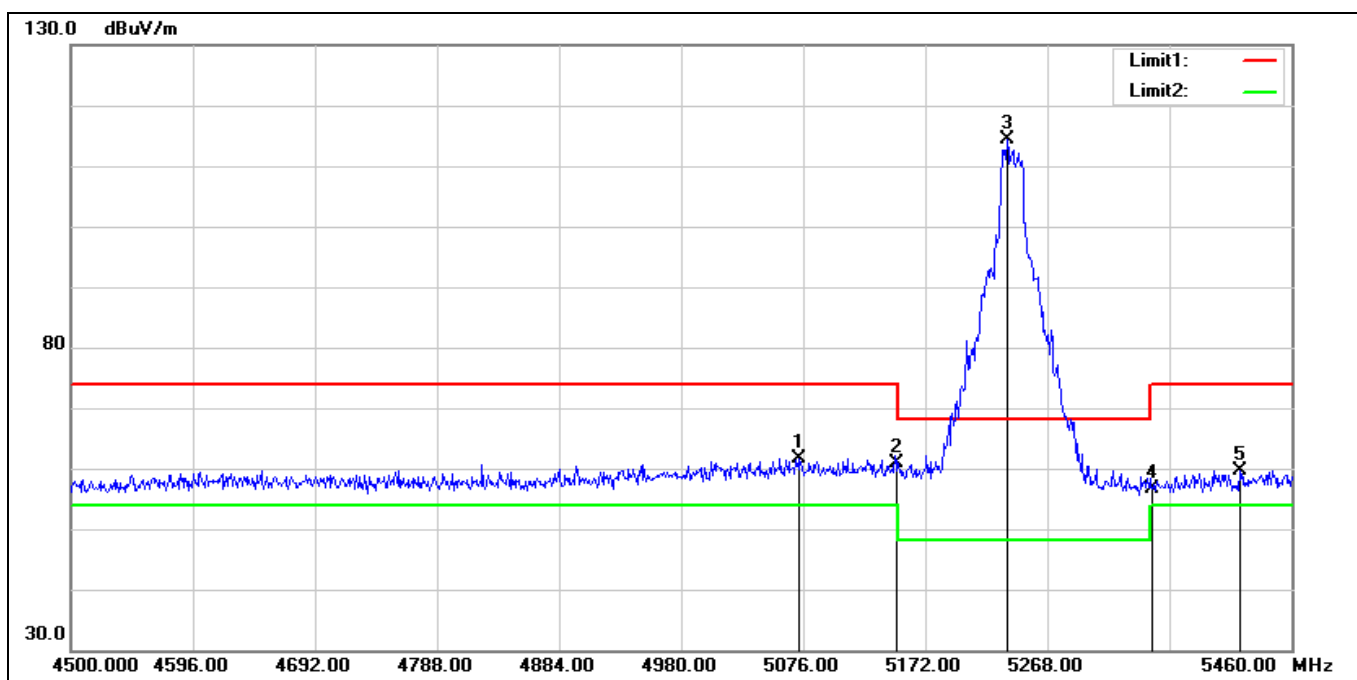
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5139.160	60.93	1.40	62.33	74.00	-11.67	peak
2	5150.000	61.88	1.42	63.30	74.00	-10.70	peak
3*	5192.360	112.23	1.31	113.54	68.20	45.34	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5240 MHz		
Remark:			



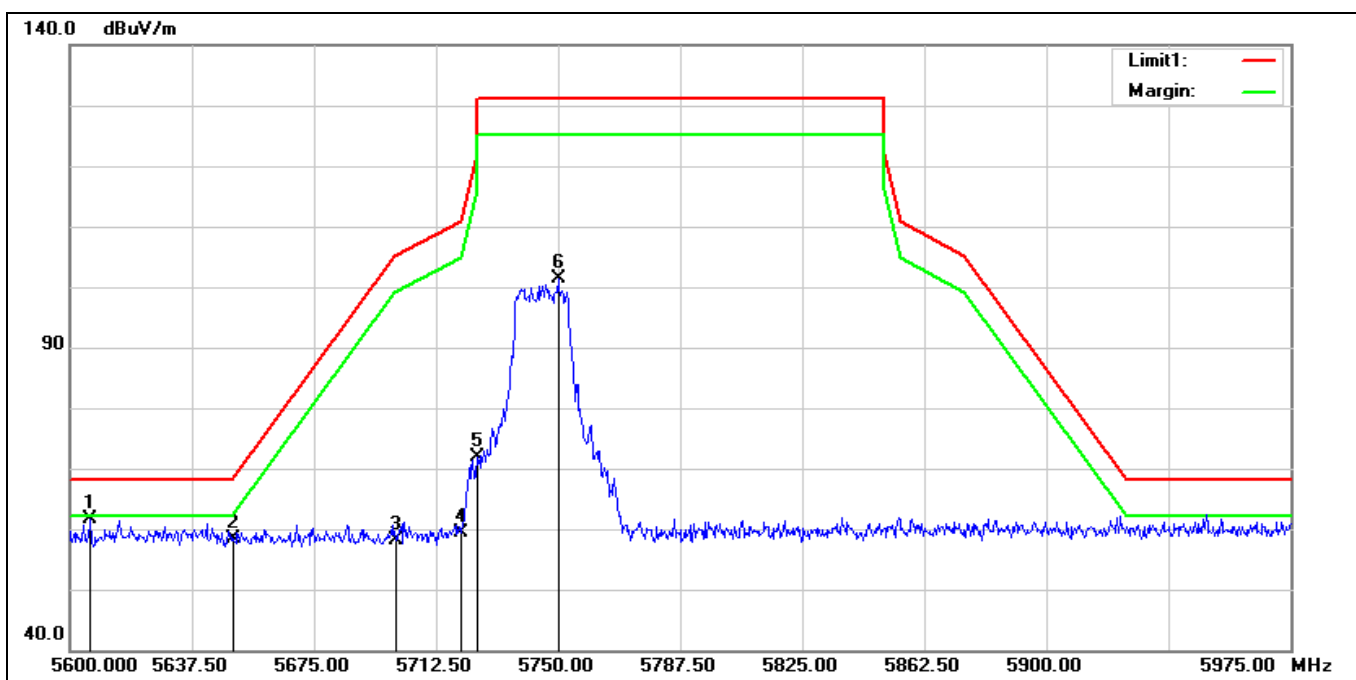
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5107.680	60.70	1.36	62.06	74.00	-11.94	peak
2	5150.000	57.10	1.42	58.52	74.00	-15.48	peak
3*	5241.120	111.41	1.08	112.49	68.20	44.29	peak
4	5350.000	55.85	1.08	56.93	74.00	-17.07	peak
5	5439.840	58.30	1.68	59.98	74.00	-14.02	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5240 MHz		
Remark:			



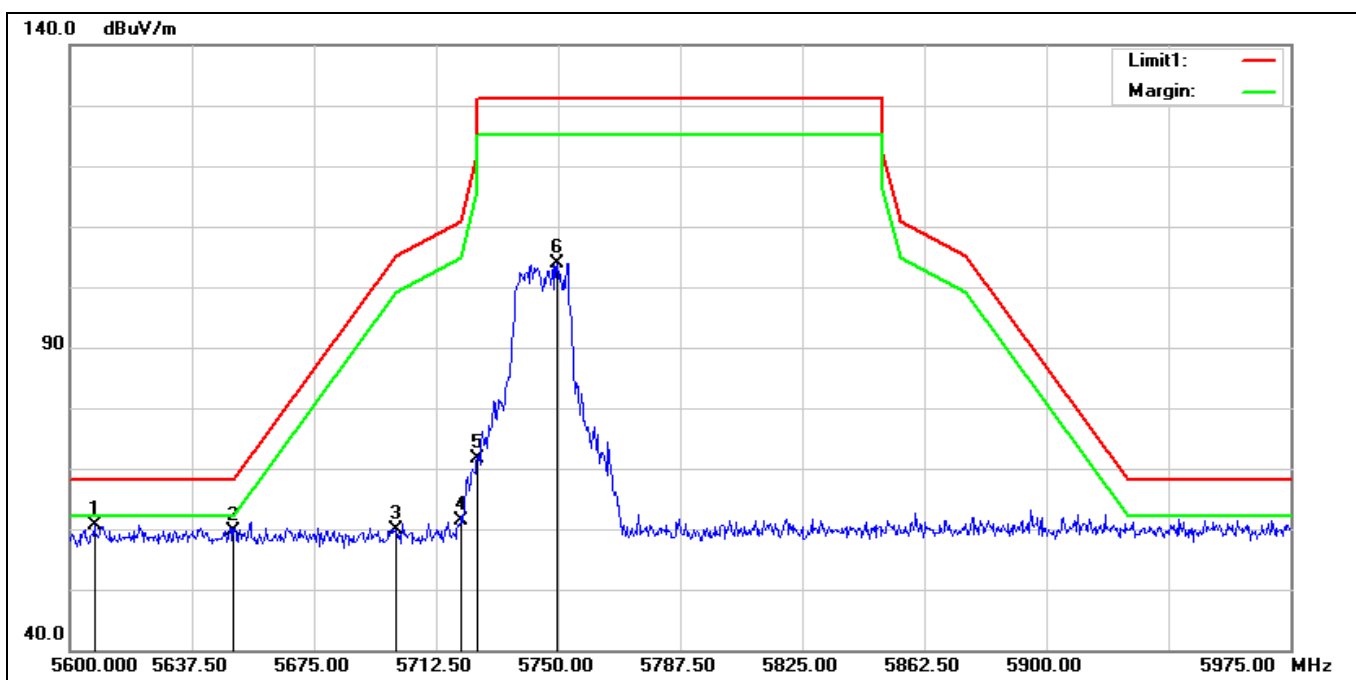
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5073.120	60.50	1.20	61.70	74.00	-12.30	peak
2	5150.000	59.54	1.42	60.96	74.00	-13.04	peak
3*	5236.320	113.37	1.11	114.48	68.20	46.28	peak
4	5350.000	55.62	1.08	56.70	74.00	-17.30	peak
5	5419.680	58.10	1.61	59.71	74.00	-14.29	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5745 MHz		
Remark:			



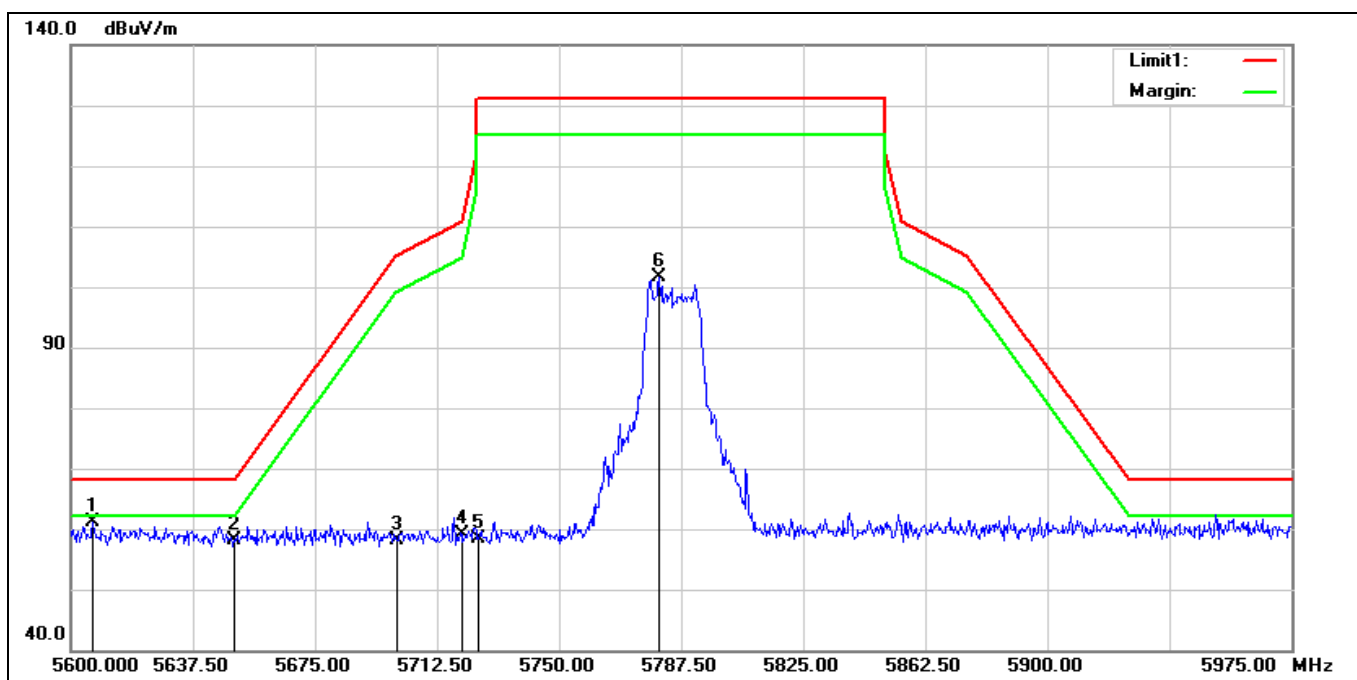
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5606.375	59.71	2.01	61.72	68.20	-6.48	peak
2	5650.000	56.44	1.90	58.34	68.20	-9.86	peak
3	5700.000	55.98	2.06	58.04	105.20	-47.16	peak
4	5720.000	57.13	2.26	59.39	110.80	-51.41	peak
5	5725.000	69.68	2.30	71.98	122.20	-50.22	peak
6	5750.000	98.79	2.54	101.33	131.20	-29.87	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5745 MHz		
Remark:			



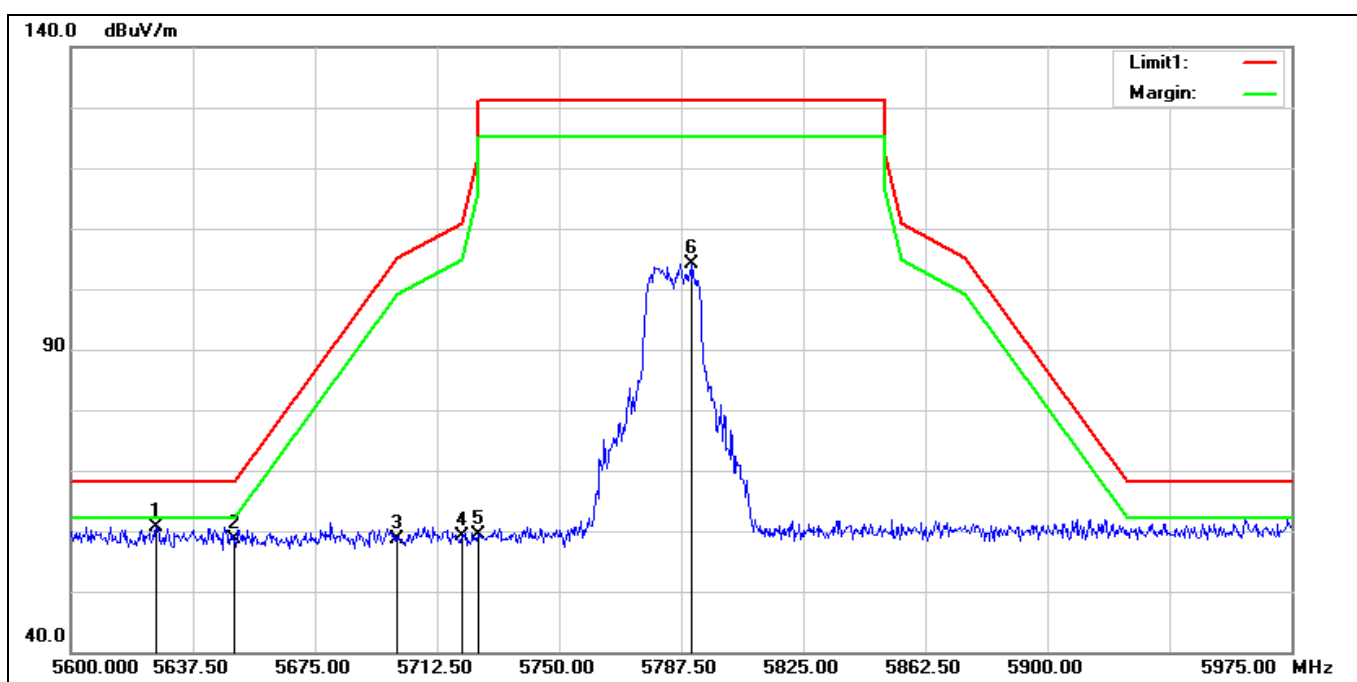
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5607.500	58.72	2.01	60.73	68.20	-7.47	peak
2	5650.000	57.75	1.90	59.65	68.20	-8.55	peak
3	5700.000	57.86	2.06	59.92	105.20	-45.28	peak
4	5720.000	59.20	2.26	61.46	110.80	-49.34	peak
5	5725.000	69.38	2.30	71.68	122.20	-50.52	peak
6	5749.625	101.42	2.54	103.96	131.20	-27.24	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5785 MHz		
Remark:			



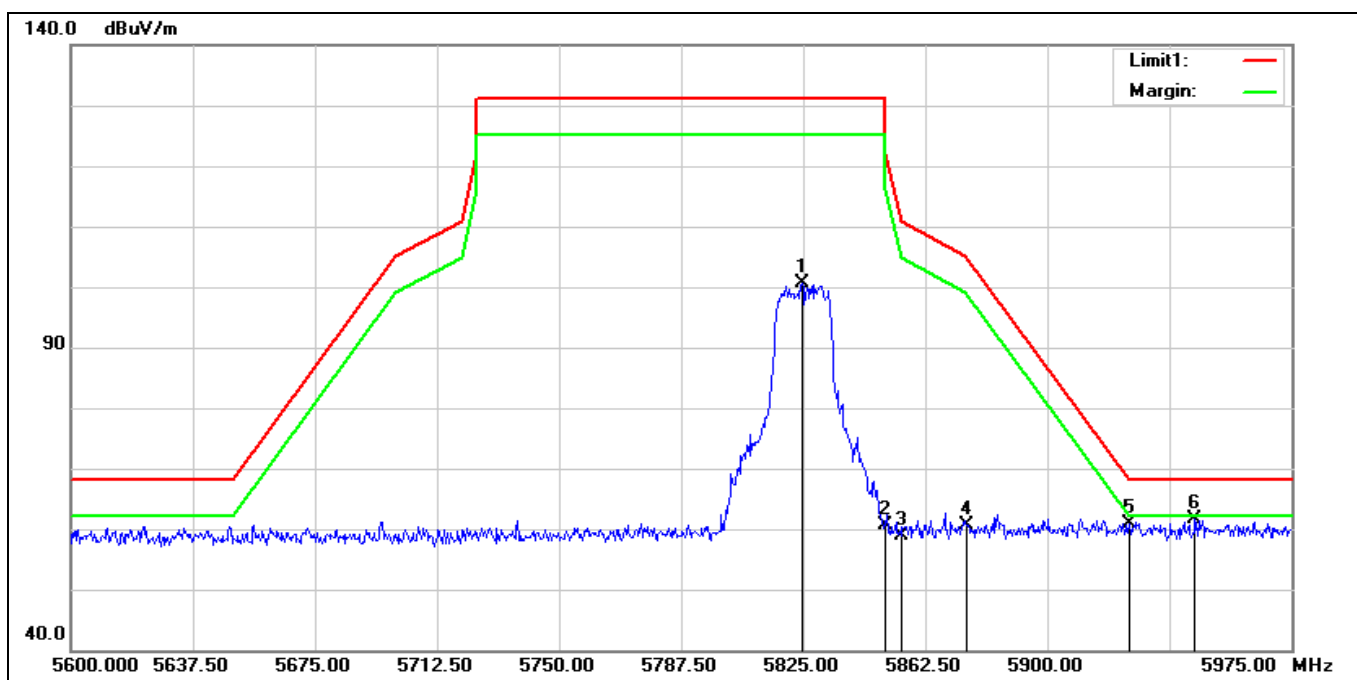
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5606.750	59.21	2.01	61.22	68.20	-6.98	peak
2	5650.000	56.32	1.90	58.22	68.20	-9.98	peak
3	5700.000	55.97	2.06	58.03	105.20	-47.17	peak
4	5720.000	56.81	2.26	59.07	110.80	-51.73	peak
5	5725.000	56.02	2.30	58.32	122.20	-63.88	peak
6	5780.750	98.98	2.70	101.68	131.20	-29.52	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5785 MHz		
Remark:			



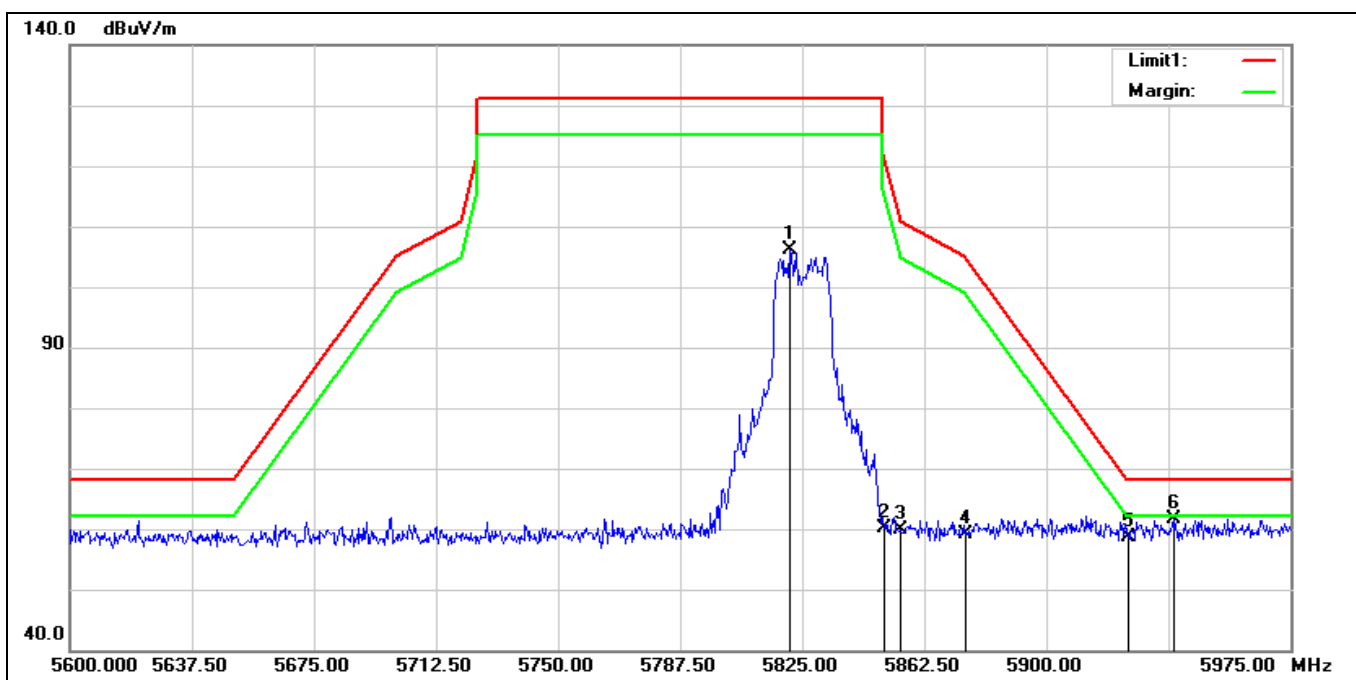
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5626.250	58.76	1.95	60.71	68.20	-7.49	peak
2	5650.000	56.72	1.90	58.62	68.20	-9.58	peak
3	5700.000	56.56	2.06	58.62	105.20	-46.58	peak
4	5720.000	56.85	2.26	59.11	110.80	-51.69	peak
5	5725.000	57.03	2.30	59.33	122.20	-62.87	peak
6	5790.875	101.47	2.76	104.23	131.20	-26.97	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5825 MHz		
Remark:			



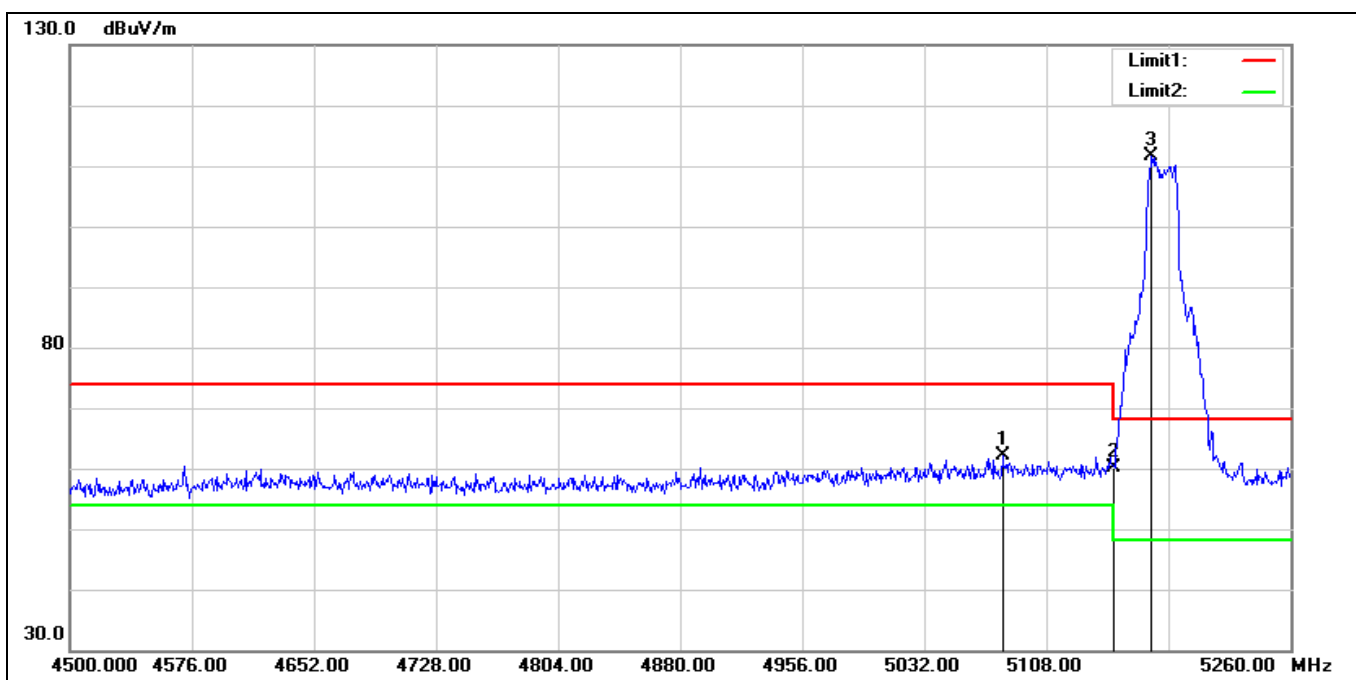
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5824.625	97.66	2.89	100.55	131.20	-30.65	peak
2	5850.000	57.59	2.98	60.57	122.20	-61.63	peak
3	5855.000	55.96	3.01	58.97	110.80	-51.83	peak
4	5875.000	57.61	3.07	60.68	105.20	-44.52	peak
5	5925.000	57.79	3.10	60.89	68.20	-7.31	peak
6*	5945.375	58.70	3.04	61.74	68.20	-6.46	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5825 MHz		
Remark:			



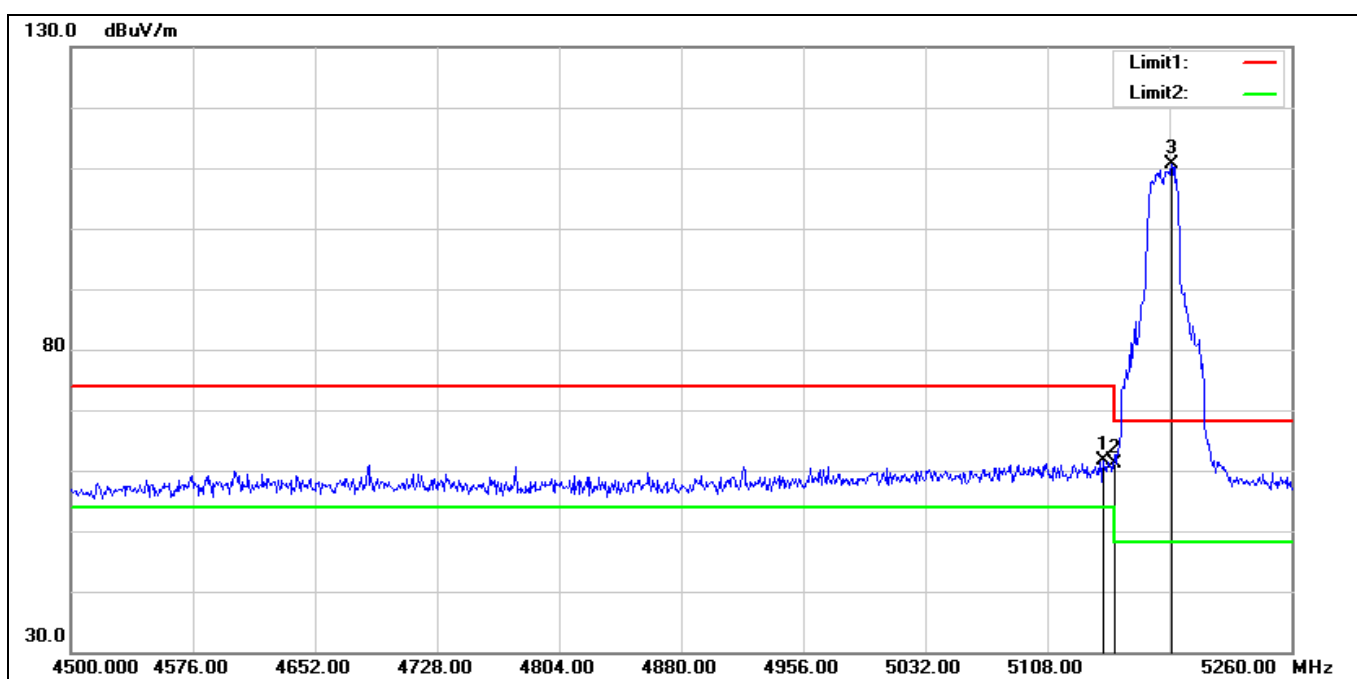
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5821.250	103.15	2.88	106.03	131.20	-25.17	peak
2	5850.000	57.11	2.98	60.09	122.20	-62.11	peak
3	5855.000	56.90	3.01	59.91	110.80	-50.89	peak
4	5875.000	56.12	3.07	59.19	105.20	-46.01	peak
5	5925.000	55.46	3.10	58.56	68.20	-9.64	peak
6*	5939.000	58.52	3.06	61.58	68.20	-6.62	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT20 5180 MHz		
Remark:			



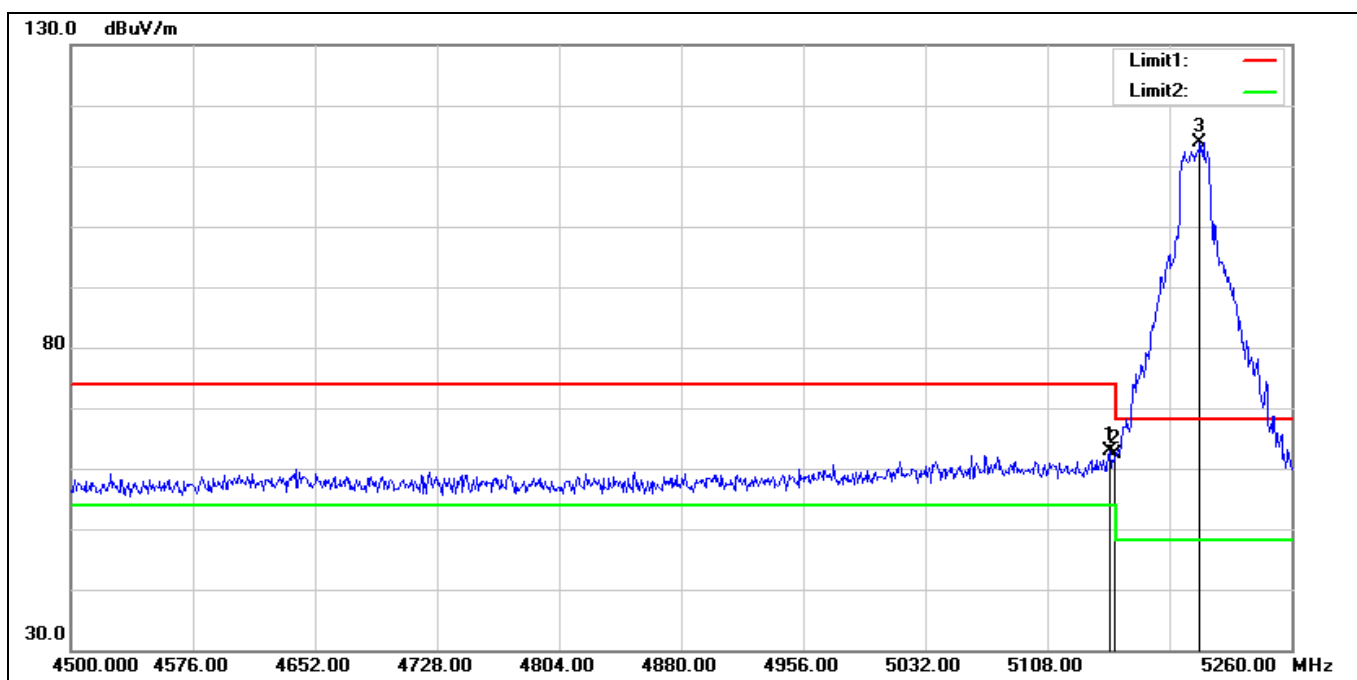
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5080.640	60.89	1.25	62.14	74.00	-11.86	peak
2	5150.000	58.63	1.42	60.05	74.00	-13.95	peak
3*	5173.360	110.21	1.35	111.56	68.20	43.36	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT20 5180 MHz		
Remark:			



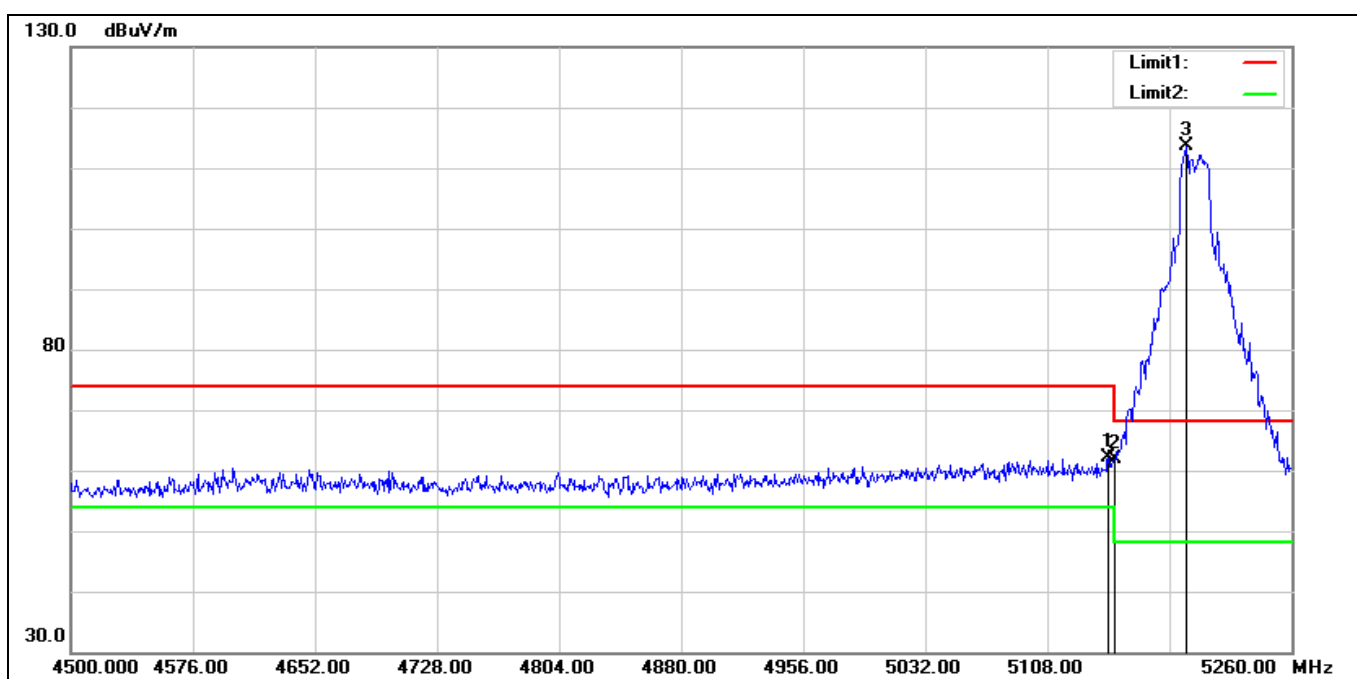
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.960	60.25	1.41	61.66	74.00	-12.34	peak
2	5150.000	59.61	1.42	61.03	74.00	-12.97	peak
3*	5185.520	109.41	1.32	110.73	68.20	42.53	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT20 5200 MHz		
Remark:			



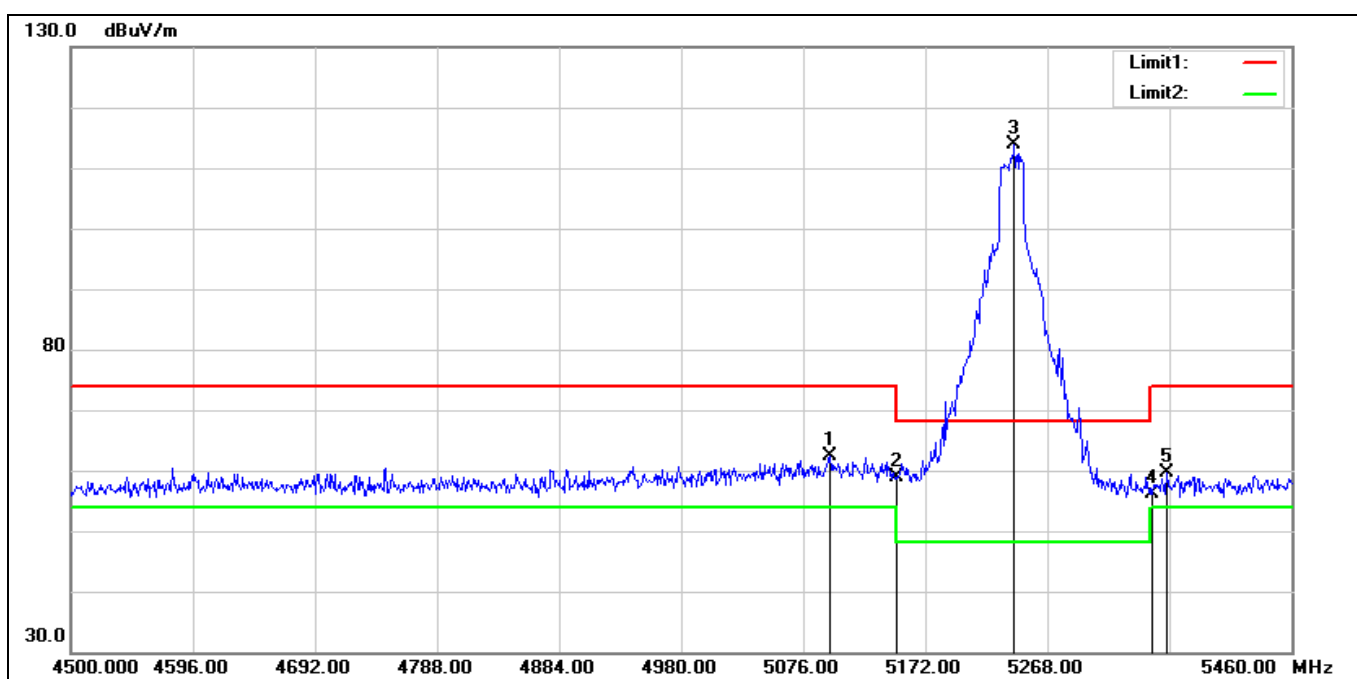
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.760	61.57	1.42	62.99	74.00	-11.01	peak
2	5150.000	60.95	1.42	62.37	74.00	-11.63	peak
3*	5203.000	112.58	1.27	113.85	68.20	45.65	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT20 5200 MHz		
Remark:			



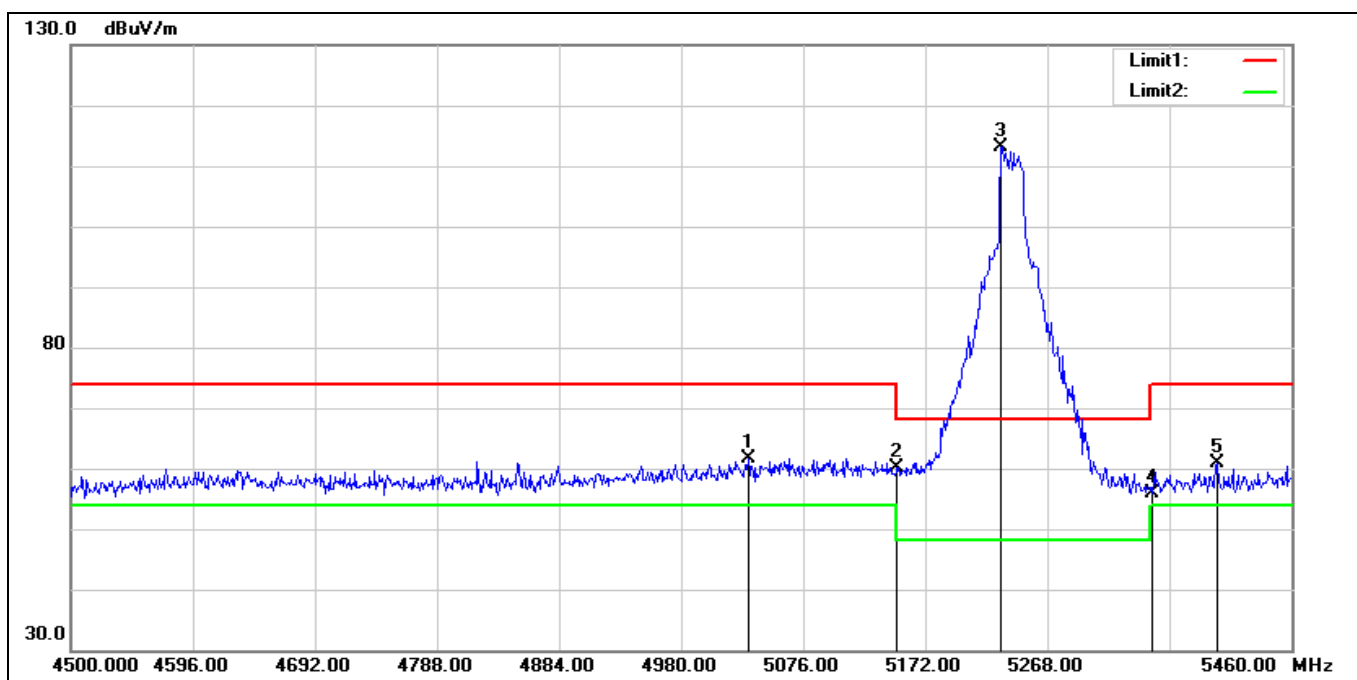
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.000	60.74	1.42	62.16	74.00	-11.84	peak
2	5150.000	60.38	1.42	61.80	74.00	-12.20	peak
3*	5194.640	112.43	1.30	113.73	68.20	45.53	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT20 5240 MHz		
Remark:			



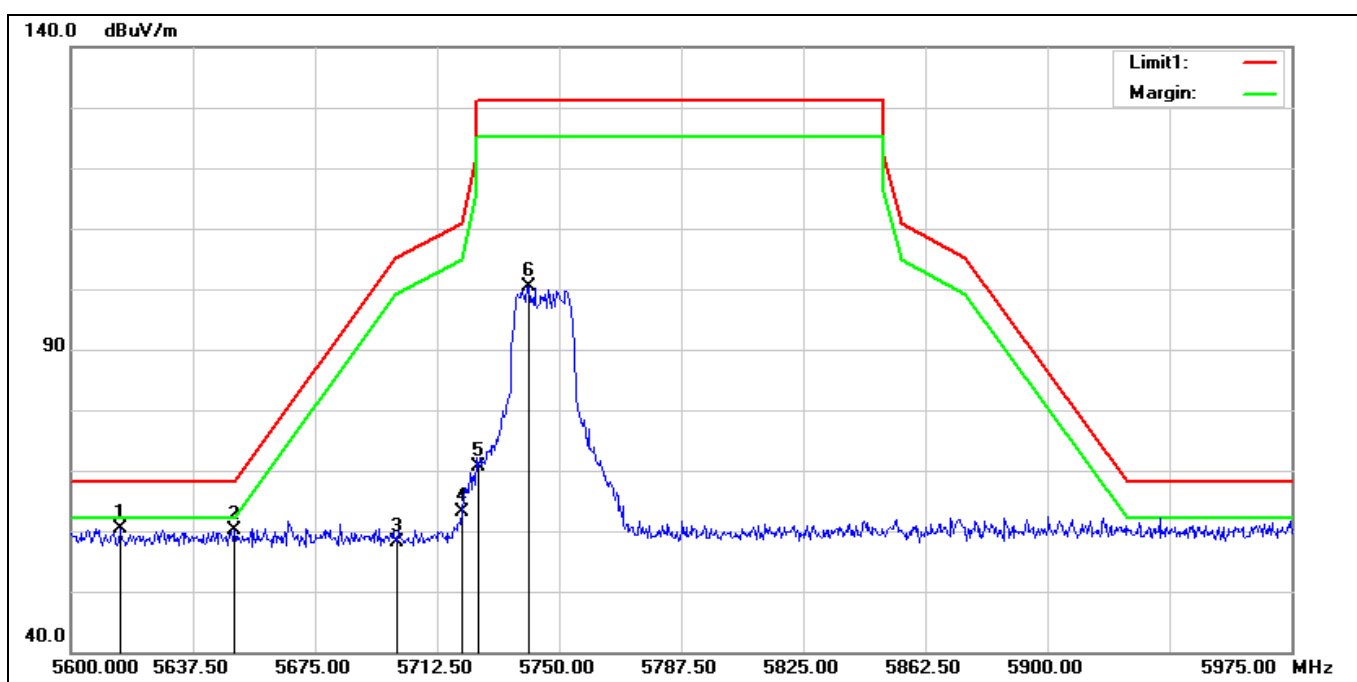
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5097.120	60.97	1.34	62.31	74.00	-11.69	peak
2	5150.000	57.36	1.42	58.78	74.00	-15.22	peak
3*	5242.080	112.76	1.09	113.85	68.20	45.65	peak
4	5350.000	55.02	1.08	56.10	74.00	-17.90	peak
5	5362.080	58.38	1.20	59.58	74.00	-14.42	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT20 5240 MHz		
Remark:			



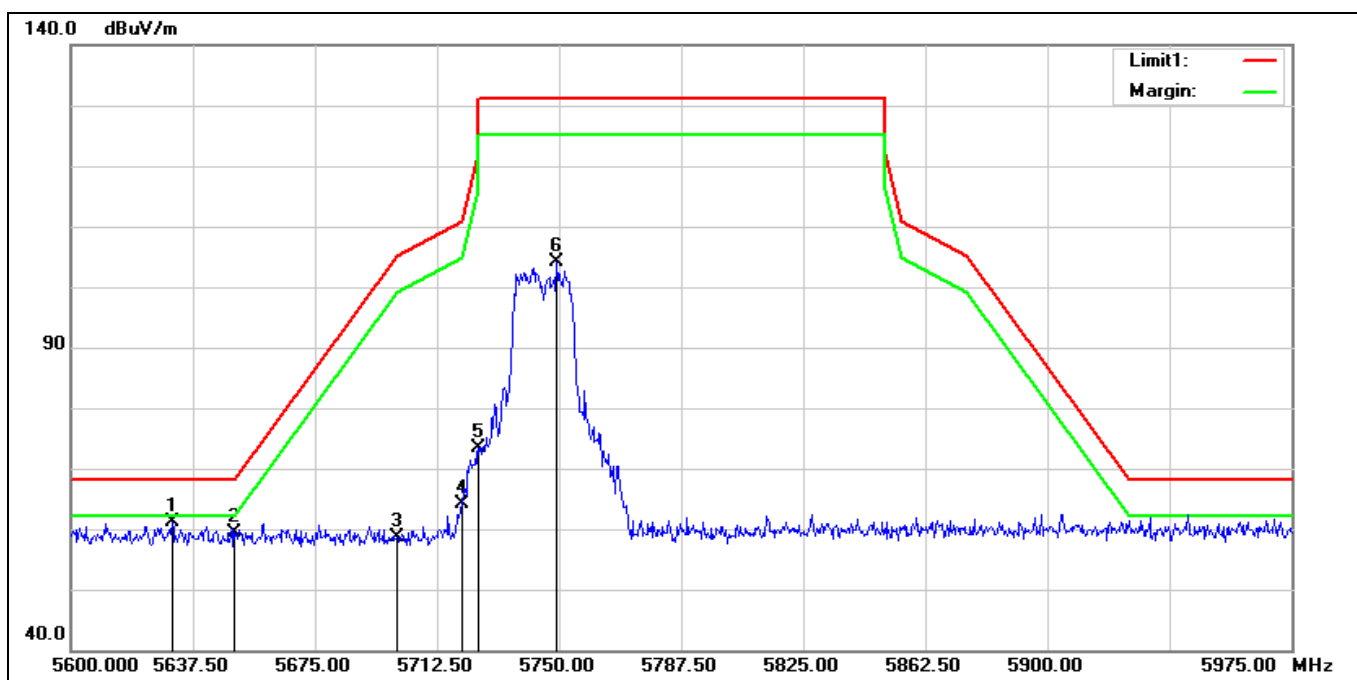
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5032.800	60.67	0.96	61.63	74.00	-12.37	peak
2	5150.000	58.79	1.42	60.21	74.00	-13.79	peak
3*	5231.520	111.96	1.14	113.10	68.20	44.90	peak
4	5350.000	54.89	1.08	55.97	74.00	-18.03	peak
5	5401.440	59.37	1.55	60.92	74.00	-13.08	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT20 5745 MHz		
Remark:			



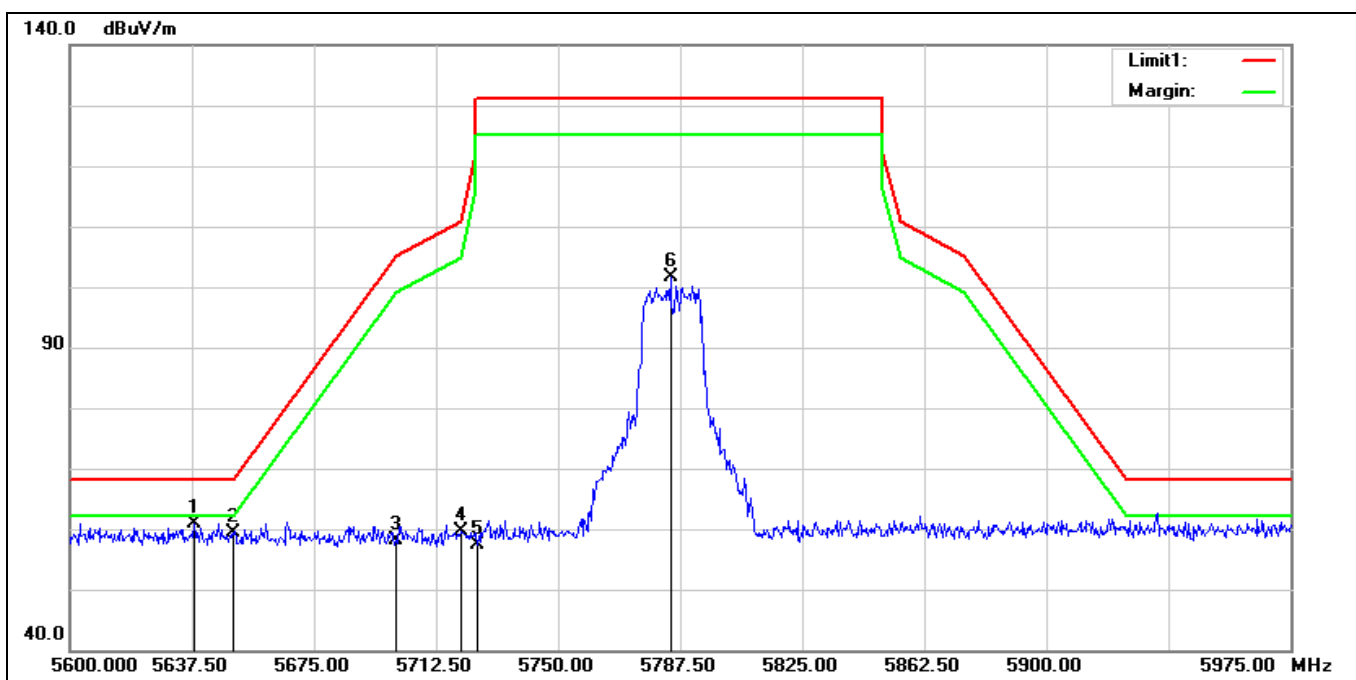
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5615.000	58.46	1.98	60.44	68.20	-7.76	peak
2	5650.000	58.18	1.90	60.08	68.20	-8.12	peak
3	5700.000	56.05	2.06	58.11	105.20	-47.09	peak
4	5720.000	60.79	2.26	63.05	110.80	-47.75	peak
5	5725.000	68.45	2.30	70.75	122.20	-51.45	peak
6	5740.625	98.03	2.44	100.47	131.20	-30.73	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT20 5745 MHz		
Remark:			



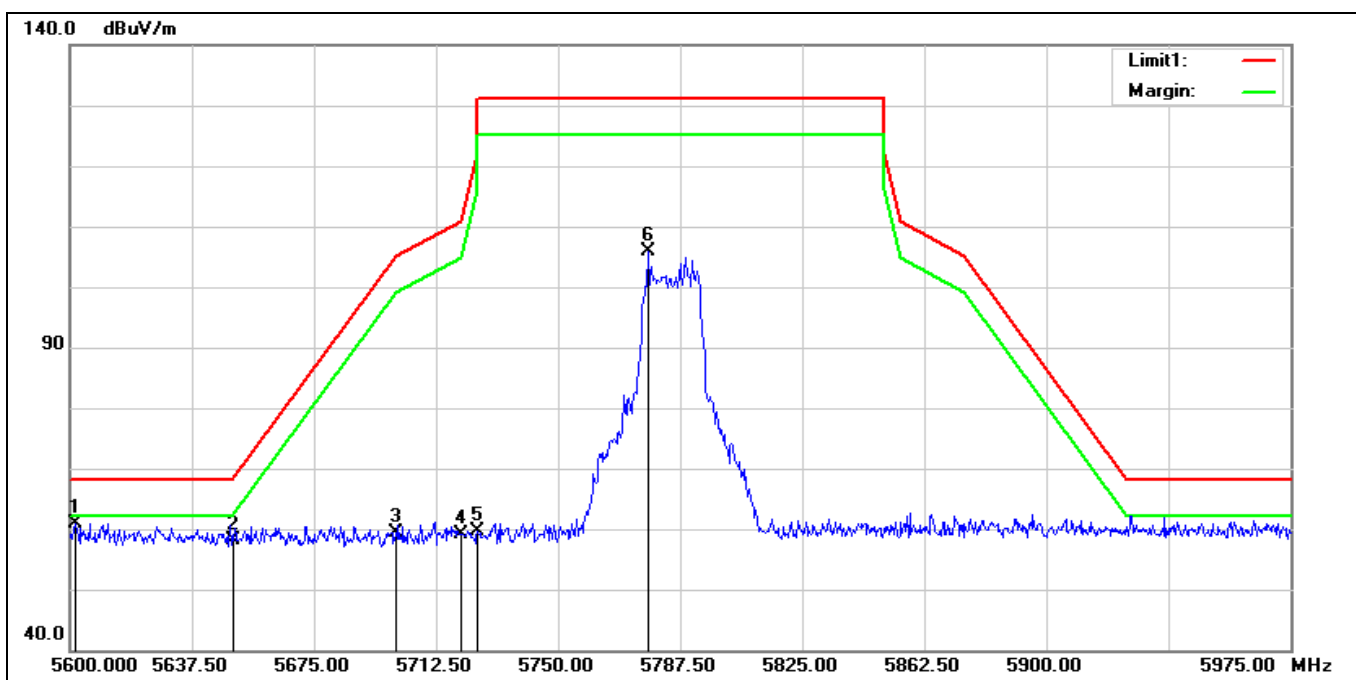
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5631.125	59.17	1.94	61.11	68.20	-7.09	peak
2	5650.000	57.41	1.90	59.31	68.20	-8.89	peak
3	5700.000	56.66	2.06	58.72	105.20	-46.48	peak
4	5720.000	61.94	2.26	64.20	110.80	-46.60	peak
5	5725.000	71.09	2.30	73.39	122.20	-48.81	peak
6	5749.250	101.61	2.53	104.14	131.20	-27.06	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT20 5785 MHz		
Remark:			



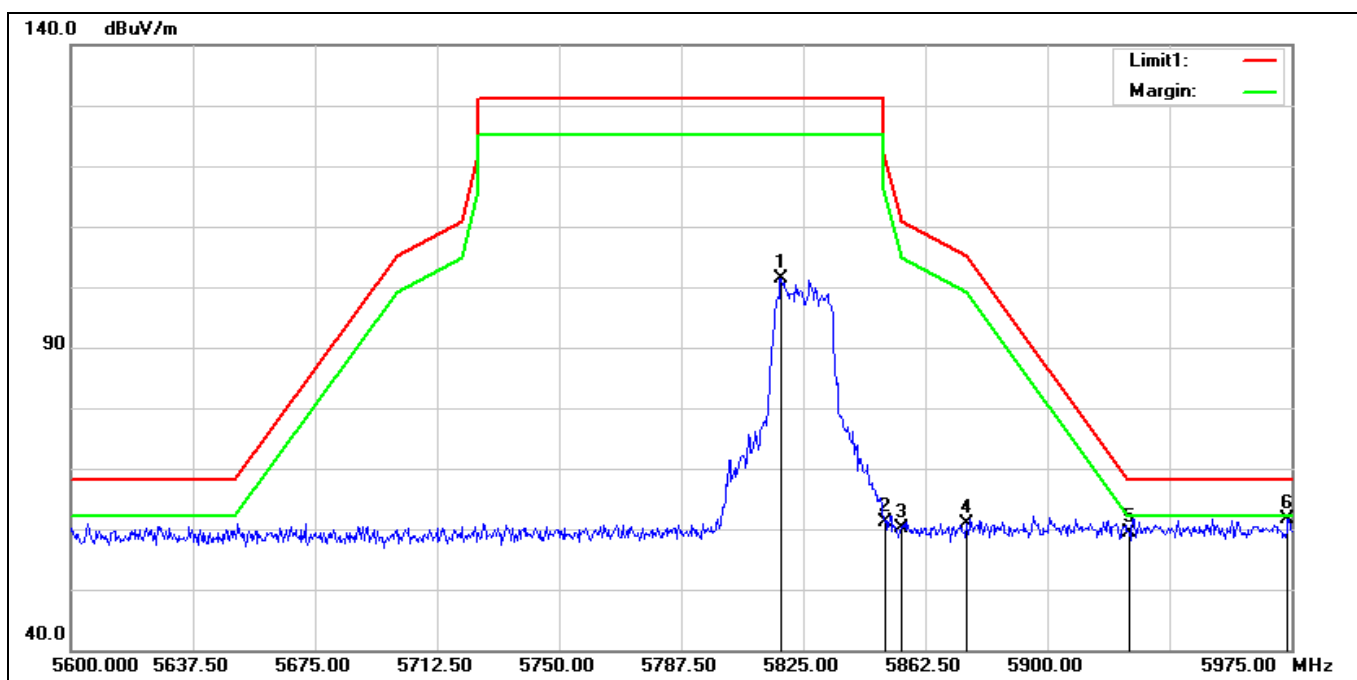
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5638.250	58.86	1.93	60.79	68.20	-7.41	peak
2	5650.000	57.52	1.90	59.42	68.20	-8.78	peak
3	5700.000	56.17	2.06	58.23	105.20	-46.97	peak
4	5720.000	57.32	2.26	59.58	110.80	-51.22	peak
5	5725.000	55.06	2.30	57.36	122.20	-64.84	peak
6	5784.500	98.90	2.72	101.62	131.20	-29.58	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT20 5785 MHz		
Remark:			



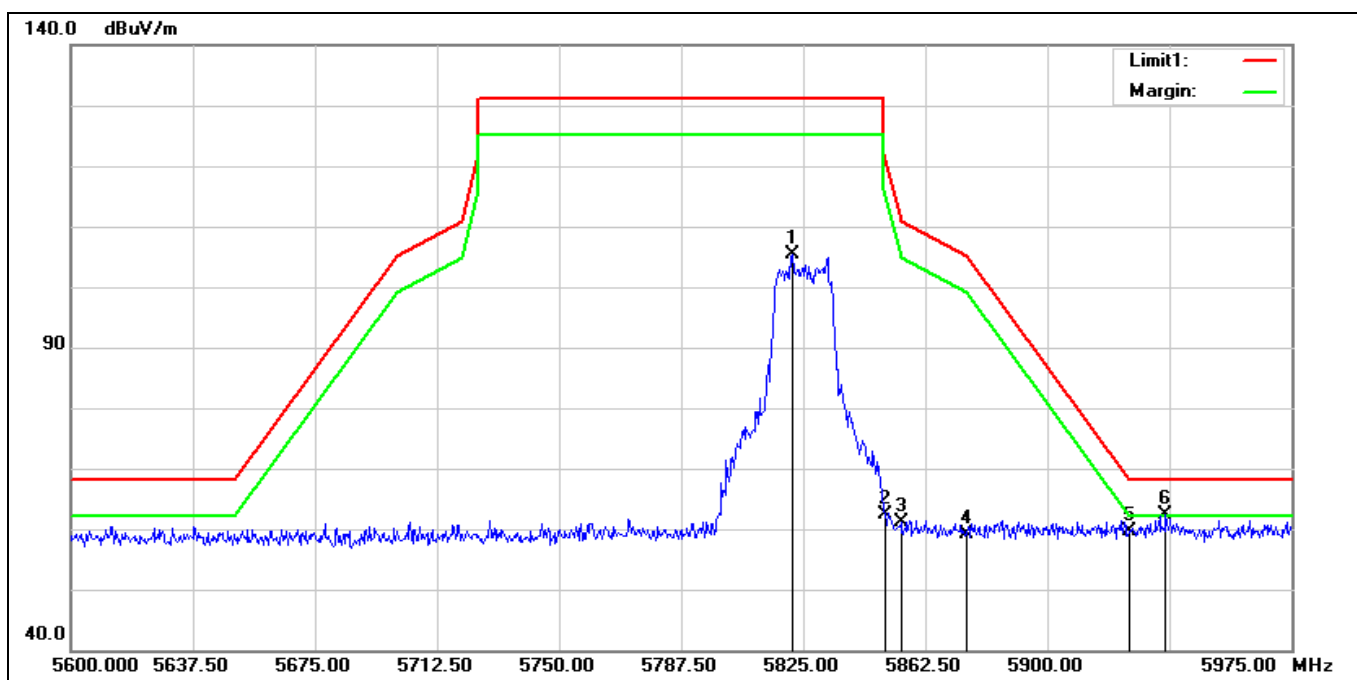
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5601.500	58.96	2.01	60.97	68.20	-7.23	peak
2	5650.000	56.34	1.90	58.24	68.20	-9.96	peak
3	5700.000	57.43	2.06	59.49	105.20	-45.71	peak
4	5720.000	56.88	2.26	59.14	110.80	-51.66	peak
5	5725.000	57.22	2.30	59.52	122.20	-62.68	peak
6	5777.750	103.10	2.69	105.79	131.20	-25.41	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT20 5825 MHz		
Remark:			



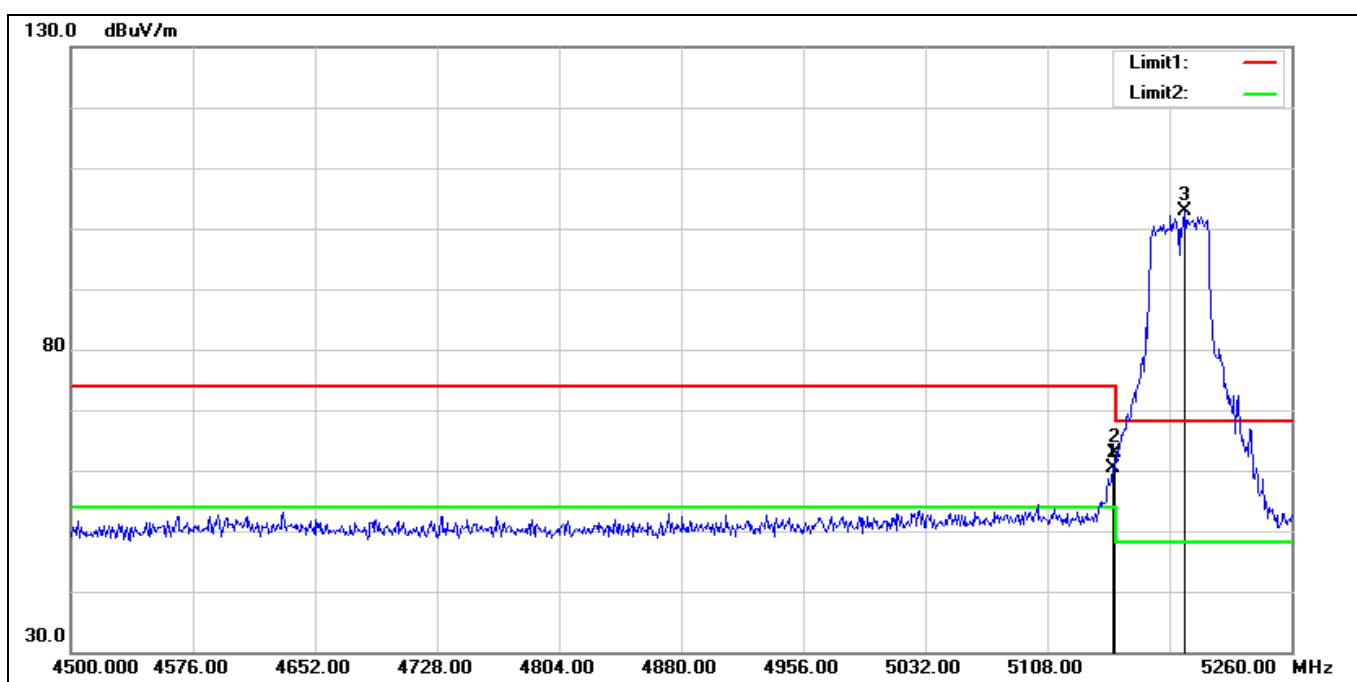
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5818.250	98.61	2.88	101.49	131.20	-29.71	peak
2	5850.000	58.26	2.98	61.24	122.20	-60.96	peak
3	5855.000	57.14	3.01	60.15	110.80	-50.65	peak
4	5875.000	57.77	3.07	60.84	105.20	-44.36	peak
5	5925.000	56.21	3.10	59.31	68.20	-8.89	peak
6*	5973.875	58.45	3.16	61.61	68.20	-6.59	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT20 5825 MHz		
Remark:			



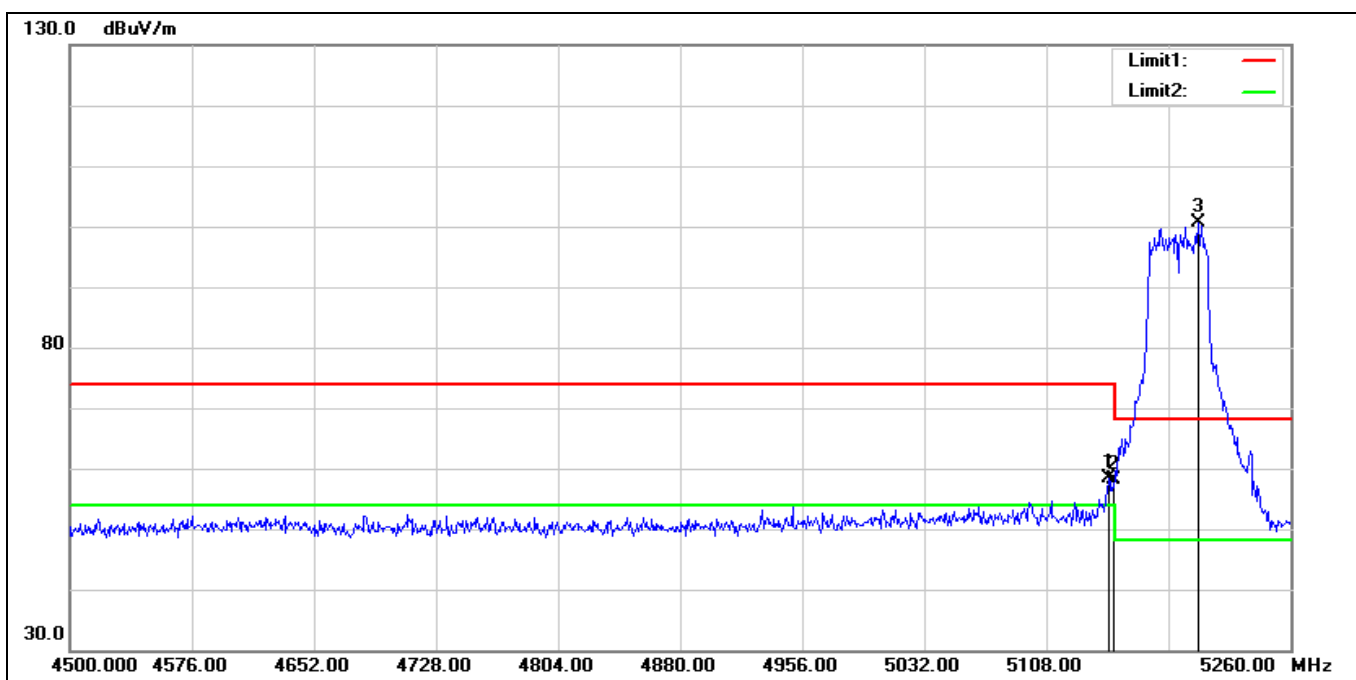
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5821.625	102.43	2.88	105.31	131.20	-25.89	peak
2	5850.000	59.28	2.98	62.26	122.20	-59.94	peak
3	5855.000	58.08	3.01	61.09	110.80	-49.71	peak
4	5875.000	56.05	3.07	59.12	105.20	-46.08	peak
5	5925.000	56.51	3.10	59.61	68.20	-8.59	peak
6*	5936.375	59.27	3.05	62.32	68.20	-5.88	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT40 5190 MHz		
Remark:			



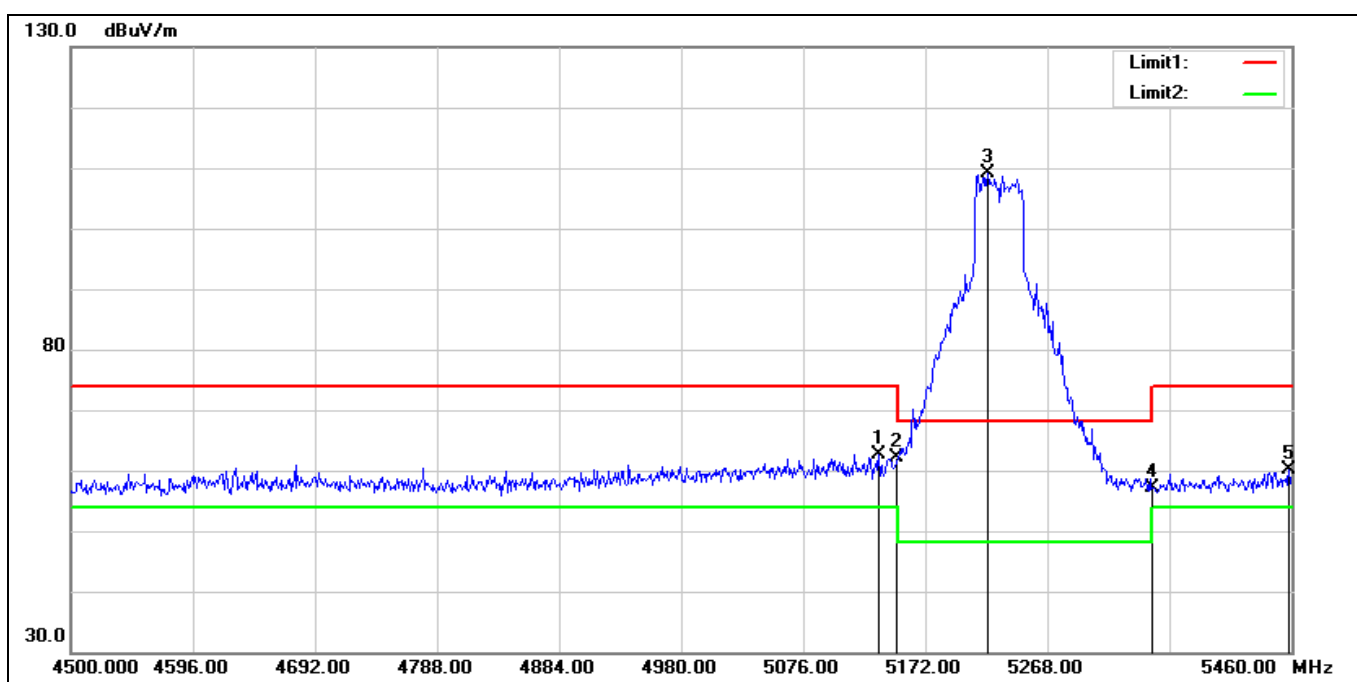
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.040	58.98	1.42	60.40	74.00	-13.60	peak
2	5150.000	61.52	1.42	62.94	74.00	-11.06	peak
3*	5193.880	101.55	1.30	102.85	68.20	34.65	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT40 5190 MHz		
Remark:			



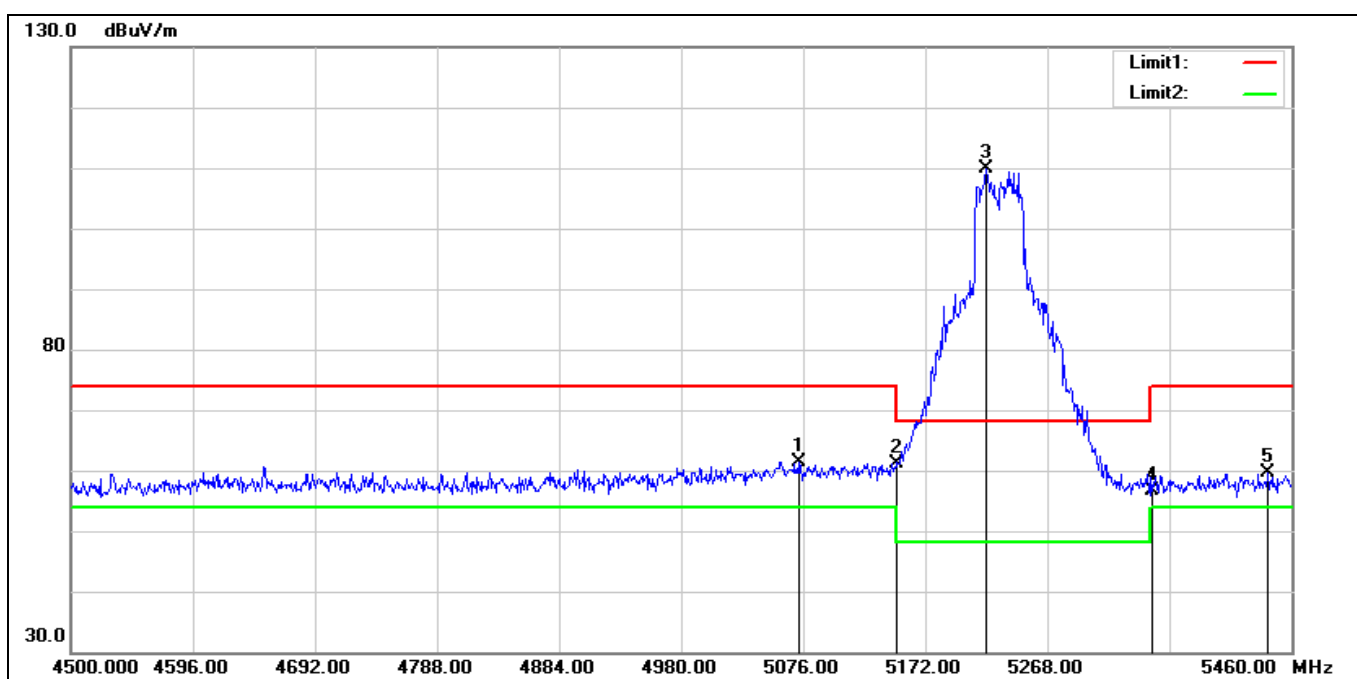
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.760	57.03	1.42	58.45	74.00	-15.55	peak
2	5150.000	56.68	1.42	58.10	74.00	-15.90	peak
3*	5203.000	99.29	1.27	100.56	68.20	32.36	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT40 5230 MHz		
Remark:			



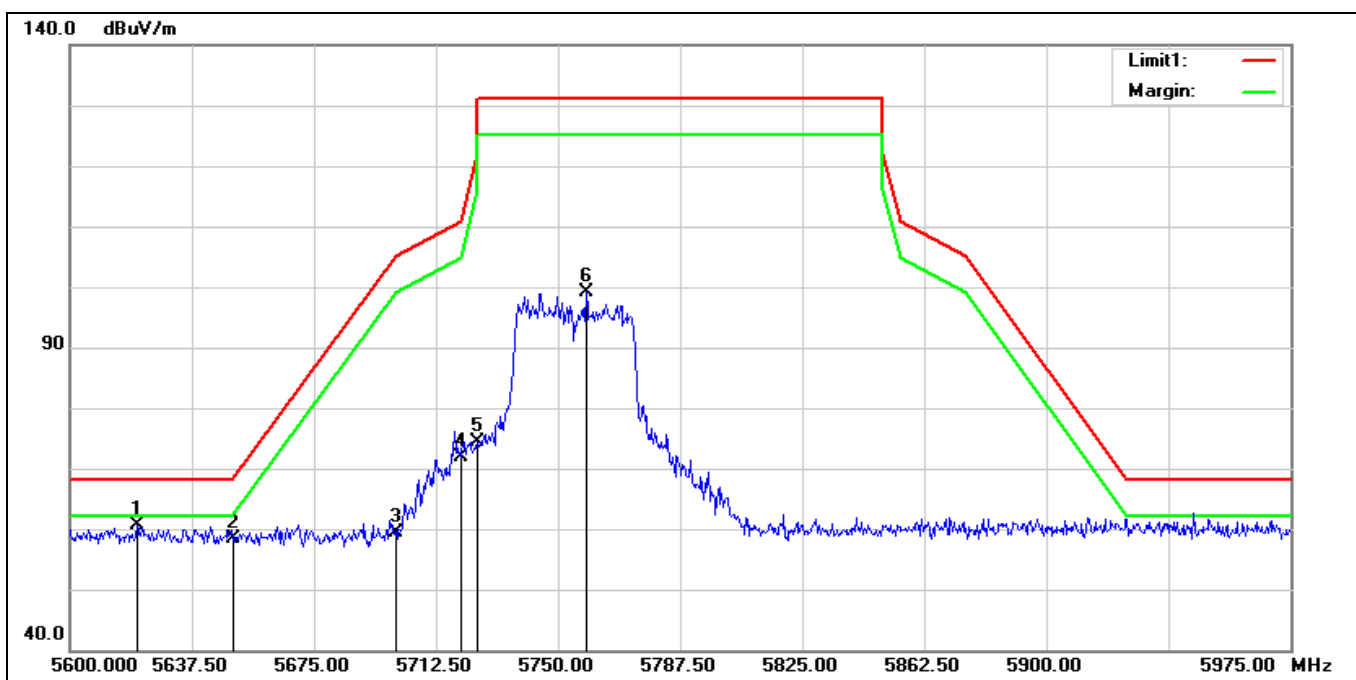
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5135.520	61.26	1.40	62.66	74.00	-11.34	peak
2	5150.000	60.83	1.42	62.25	74.00	-11.75	peak
3*	5220.960	107.93	1.18	109.11	68.20	40.91	peak
4	5350.000	55.95	1.08	57.03	74.00	-16.97	peak
5	5458.080	58.33	1.72	60.05	74.00	-13.95	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT40 5230 MHz		
Remark:			



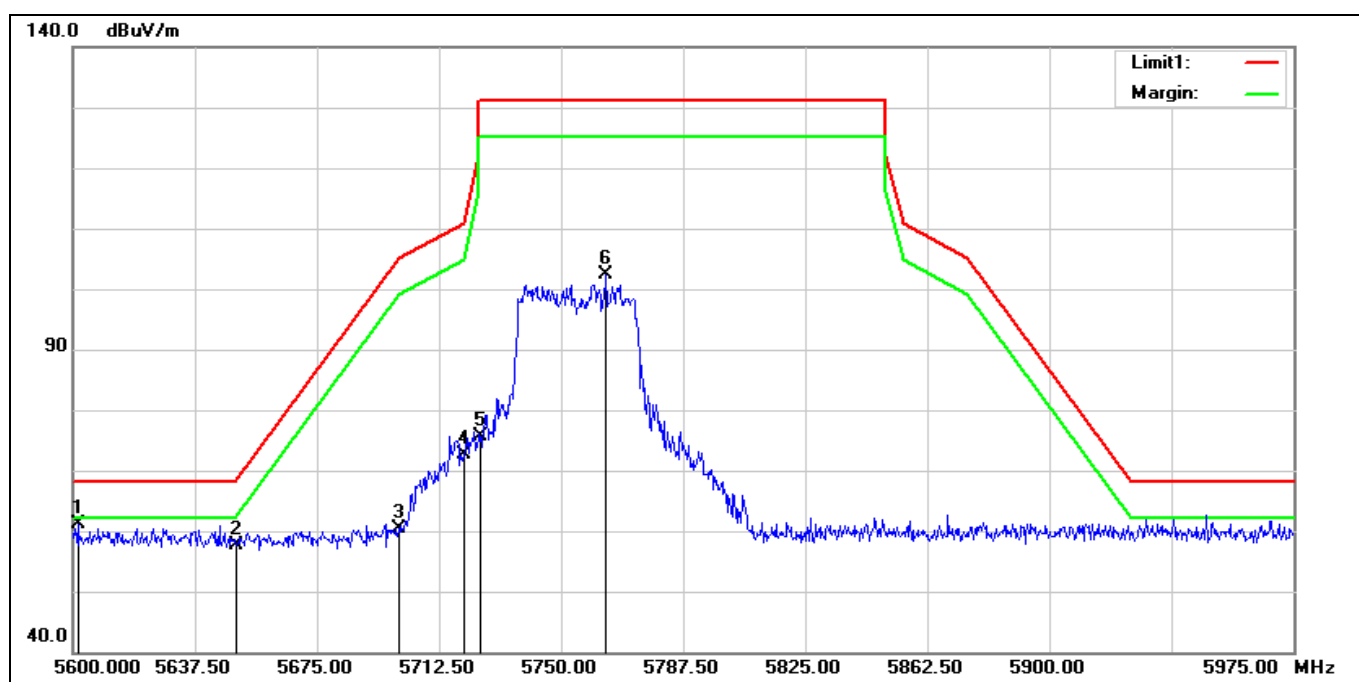
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5072.160	60.27	1.20	61.47	74.00	-12.53	peak
2	5150.000	59.71	1.42	61.13	74.00	-12.87	peak
3*	5220.000	108.78	1.19	109.97	68.20	41.77	peak
4	5350.000	55.46	1.08	56.54	74.00	-17.46	peak
5	5441.760	57.92	1.69	59.61	74.00	-14.39	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT40 5755 MHz		
Remark:			



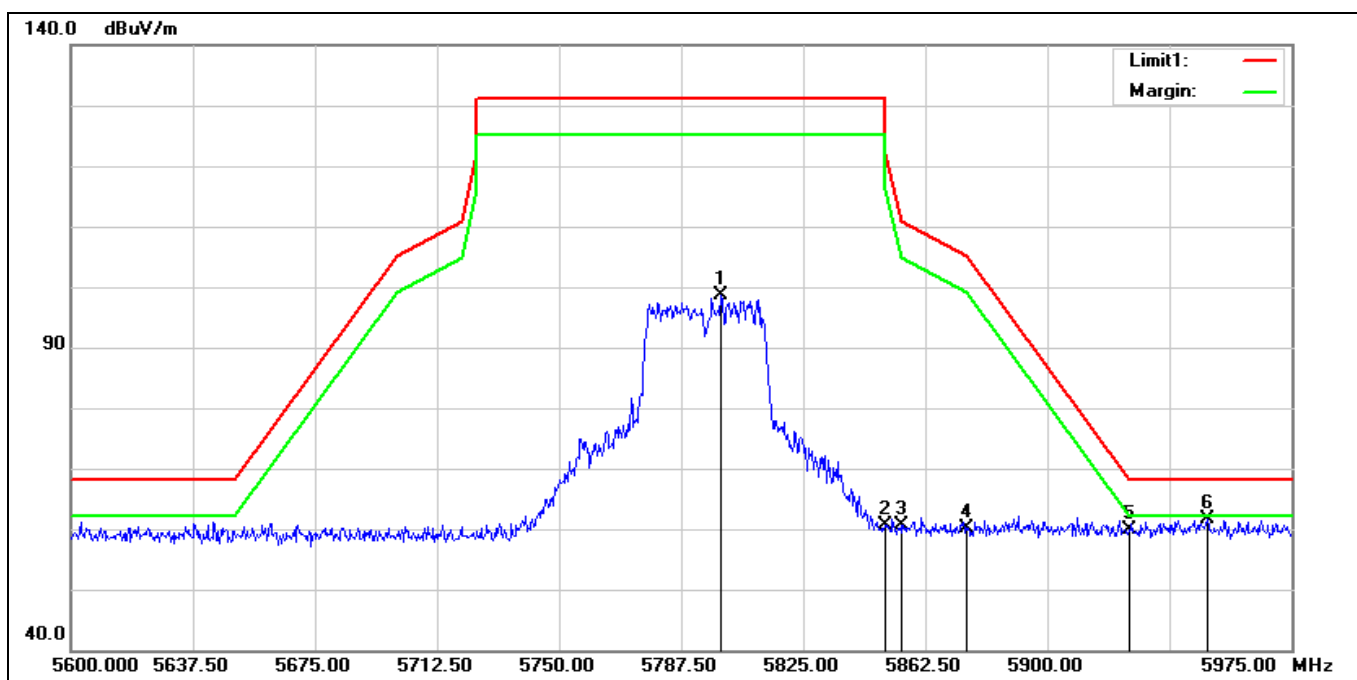
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5620.625	58.65	1.98	60.63	68.20	-7.57	peak
2	5650.000	56.60	1.90	58.50	68.20	-9.70	peak
3	5700.000	57.32	2.06	59.38	105.20	-45.82	peak
4	5720.000	69.66	2.26	71.92	110.80	-38.88	peak
5	5725.000	72.16	2.30	74.46	122.20	-47.74	peak
6	5758.625	96.49	2.59	99.08	131.20	-32.12	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT40 5755 MHz		
Remark:			



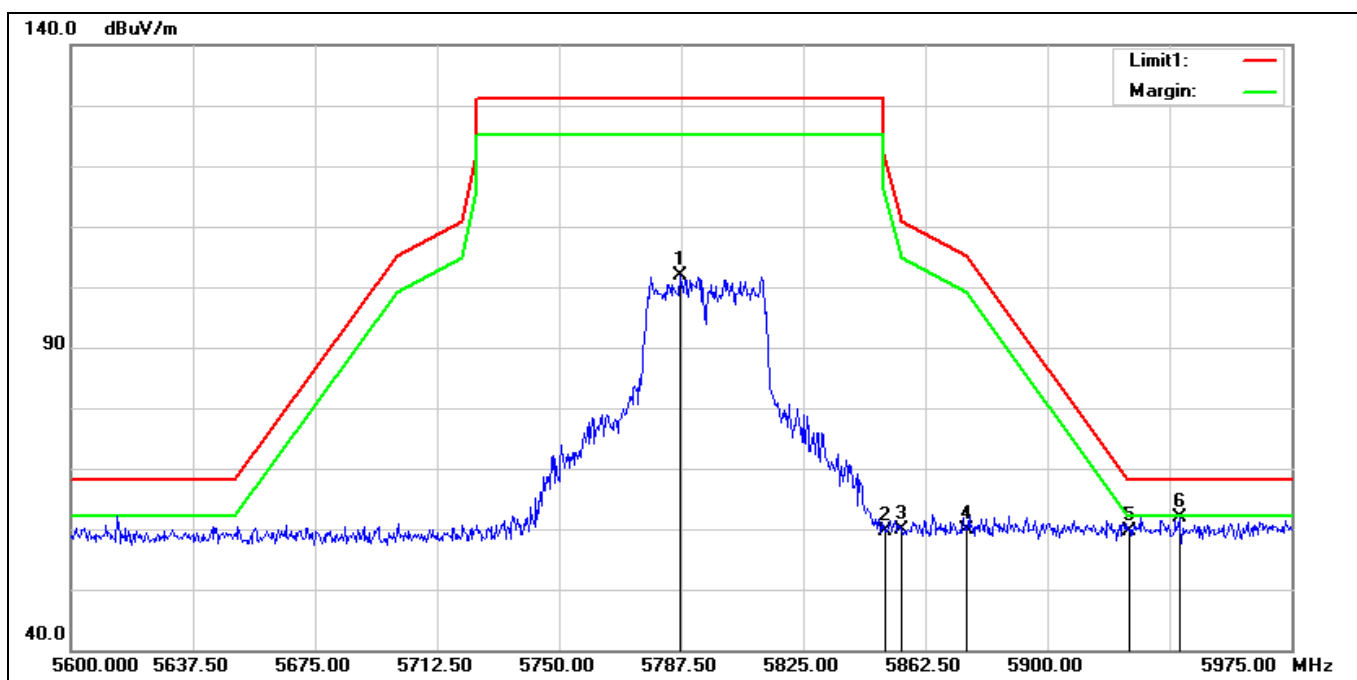
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5601.500	59.17	2.01	61.18	68.20	-7.02	peak
2	5650.000	55.85	1.90	57.75	68.20	-10.45	peak
3	5700.000	58.24	2.06	60.30	105.20	-44.90	peak
4	5720.000	70.27	2.26	72.53	110.80	-38.27	peak
5	5725.000	73.45	2.30	75.75	122.20	-46.45	peak
6	5763.875	99.76	2.62	102.38	131.20	-28.82	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT40 5795 MHz		
Remark:			



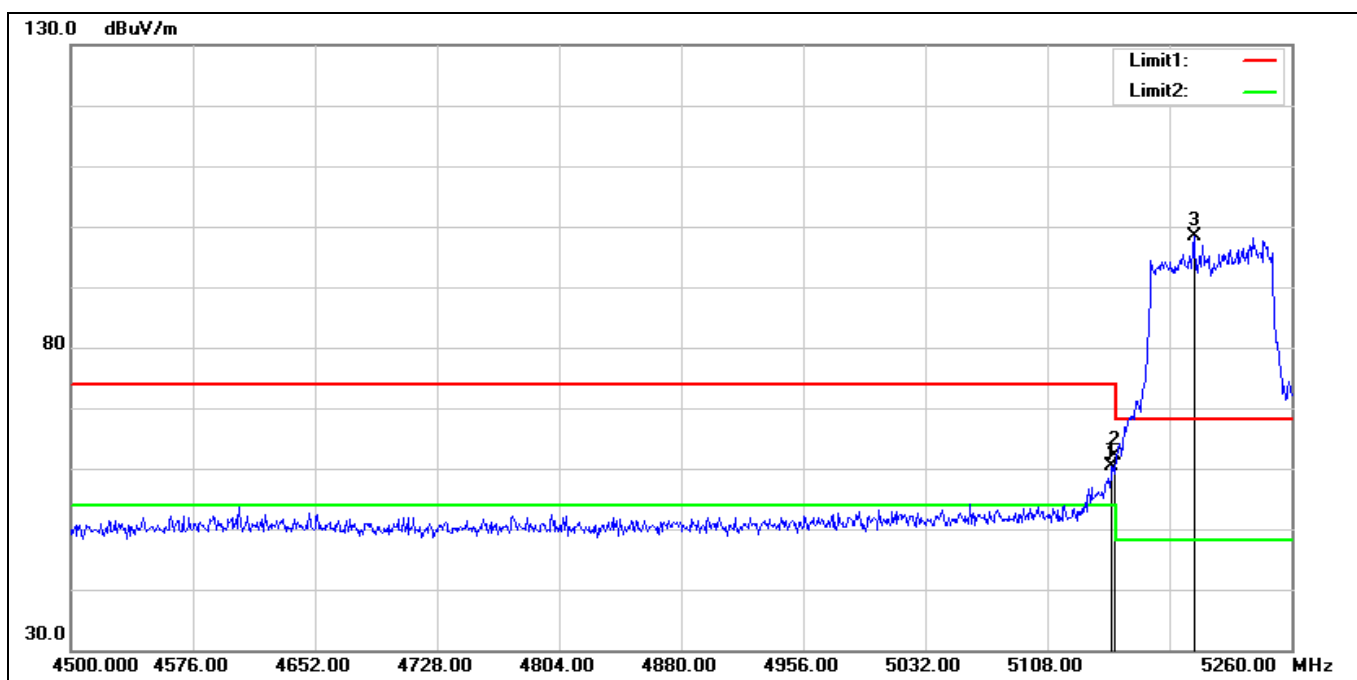
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5799.875	95.74	2.82	98.56	131.20	-32.64	peak
2	5850.000	57.61	2.98	60.59	122.20	-61.61	peak
3	5855.000	57.56	3.01	60.57	110.80	-50.23	peak
4	5875.000	57.02	3.07	60.09	105.20	-45.11	peak
5	5925.000	56.75	3.10	59.85	68.20	-8.35	peak
6*	5949.125	58.58	3.02	61.60	68.20	-6.60	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT40 5795 MHz		
Remark:			



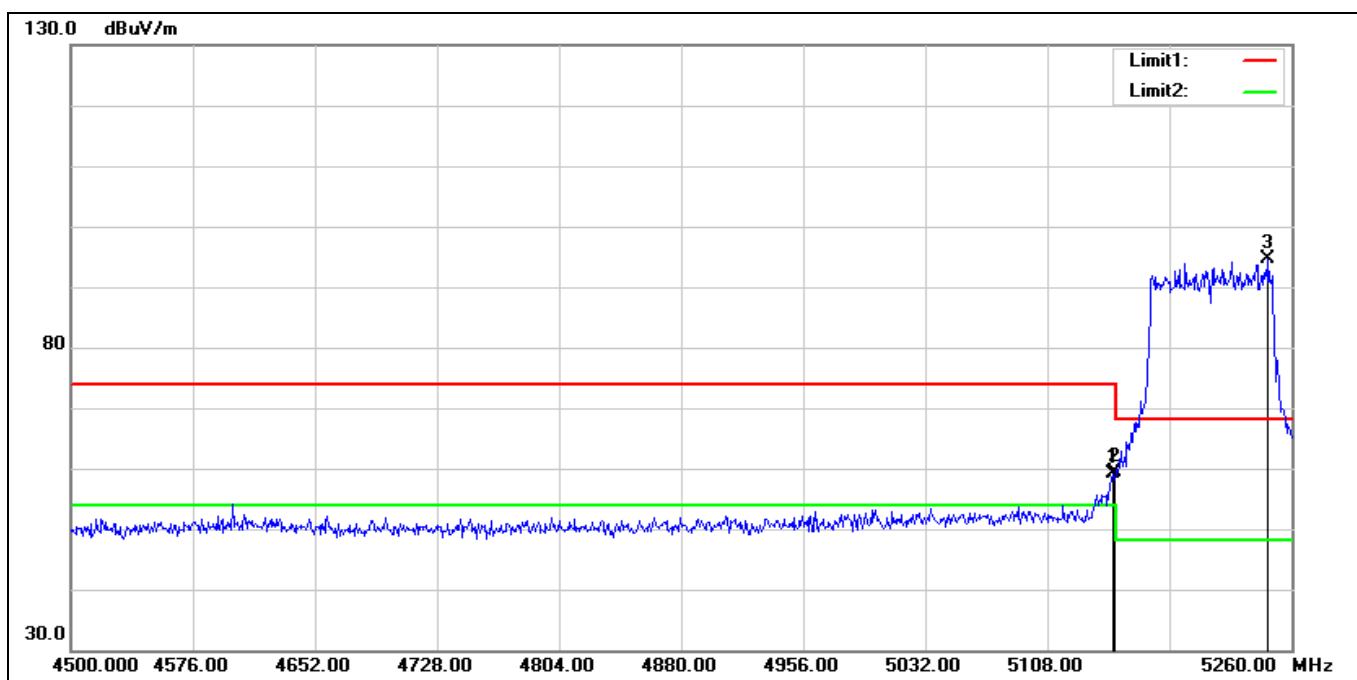
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5787.125	99.09	2.75	101.84	131.20	-29.36	peak
2	5850.000	56.58	2.98	59.56	122.20	-62.64	peak
3	5855.000	56.91	3.01	59.92	110.80	-50.88	peak
4	5875.000	56.69	3.07	59.76	105.20	-45.44	peak
5	5925.000	56.60	3.10	59.70	68.20	-8.50	peak
6*	5940.500	58.91	3.06	61.97	68.20	-6.23	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT80 5210 MHz		
Remark:			



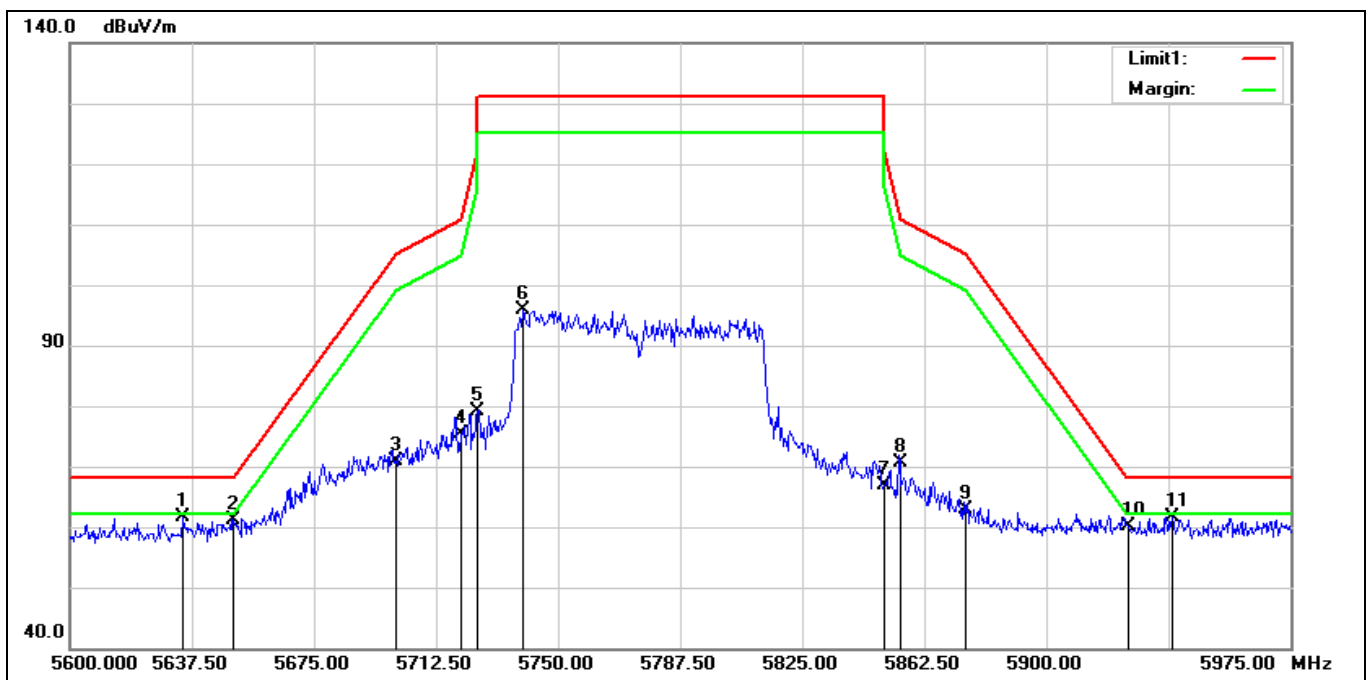
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.280	58.98	1.42	60.40	74.00	-13.60	peak
2	5150.000	60.70	1.42	62.12	74.00	-11.88	peak
3*	5199.200	97.15	1.28	98.43	68.20	30.23	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT80 5210 MHz		
Remark:			



No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.040	57.73	1.42	59.15	74.00	-14.85	peak
2	5150.000	57.87	1.42	59.29	74.00	-14.71	peak
3*	5245.560	93.50	1.08	94.58	68.20	26.38	peak

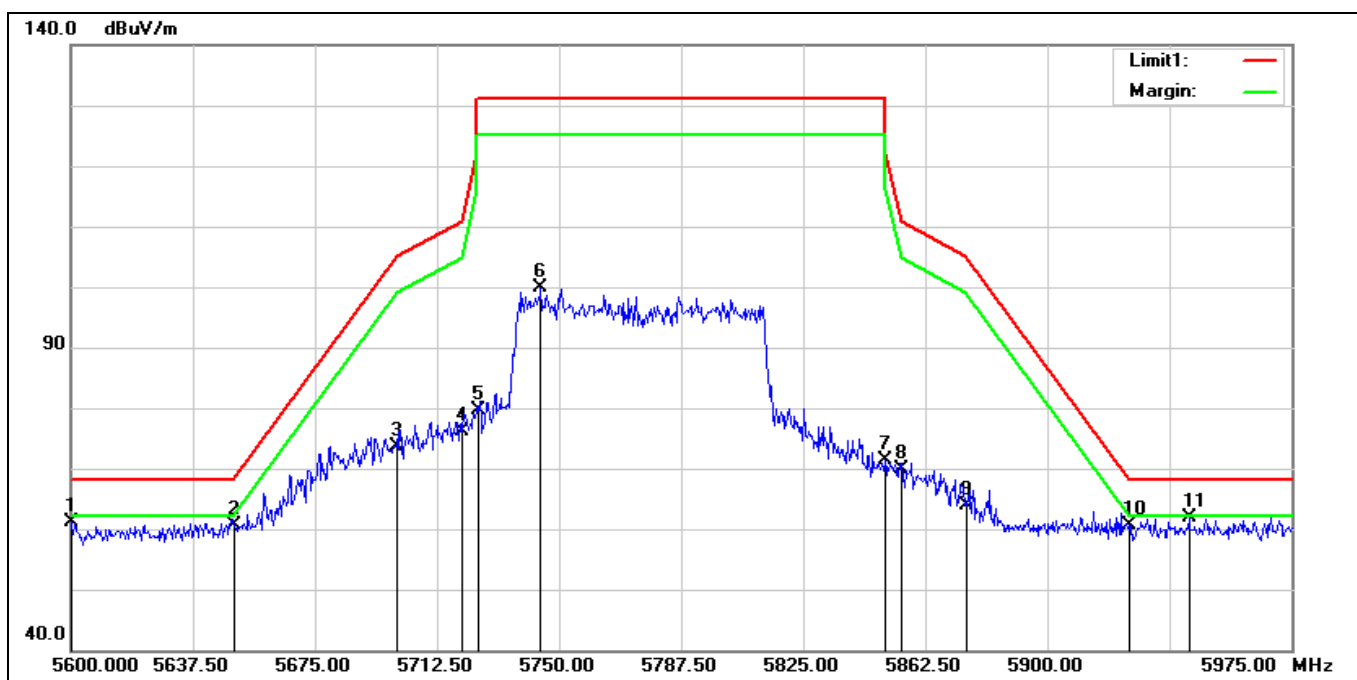
Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT80 5775 MHz		
Remark:			



Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT80 5775 MHz		
Remark:			

No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
0	5634.875	59.65	1.94	61.59	68.20	-6.61	peak
1	5650.000	59.19	1.90	61.09	68.20	-7.11	peak
2	5700.000	68.80	2.06	70.86	105.20	-34.34	peak
3	5720.000	73.12	2.26	75.38	110.80	-35.42	peak
4	5725.000	76.79	2.30	79.09	122.20	-43.11	peak
5	5739.125	93.36	2.43	95.79	131.20	-35.41	peak
6	5850.000	63.91	2.98	66.89	122.20	-55.31	peak
7	5855.000	67.74	3.01	70.75	110.80	-40.05	peak
8	5875.000	59.93	3.07	63.00	105.20	-42.20	peak
9	5925.000	56.94	3.10	60.04	68.20	-8.16	peak
10*	5938.625	58.64	3.07	61.71	68.20	-6.49	peak

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT80 5775 MHz		
Remark:			

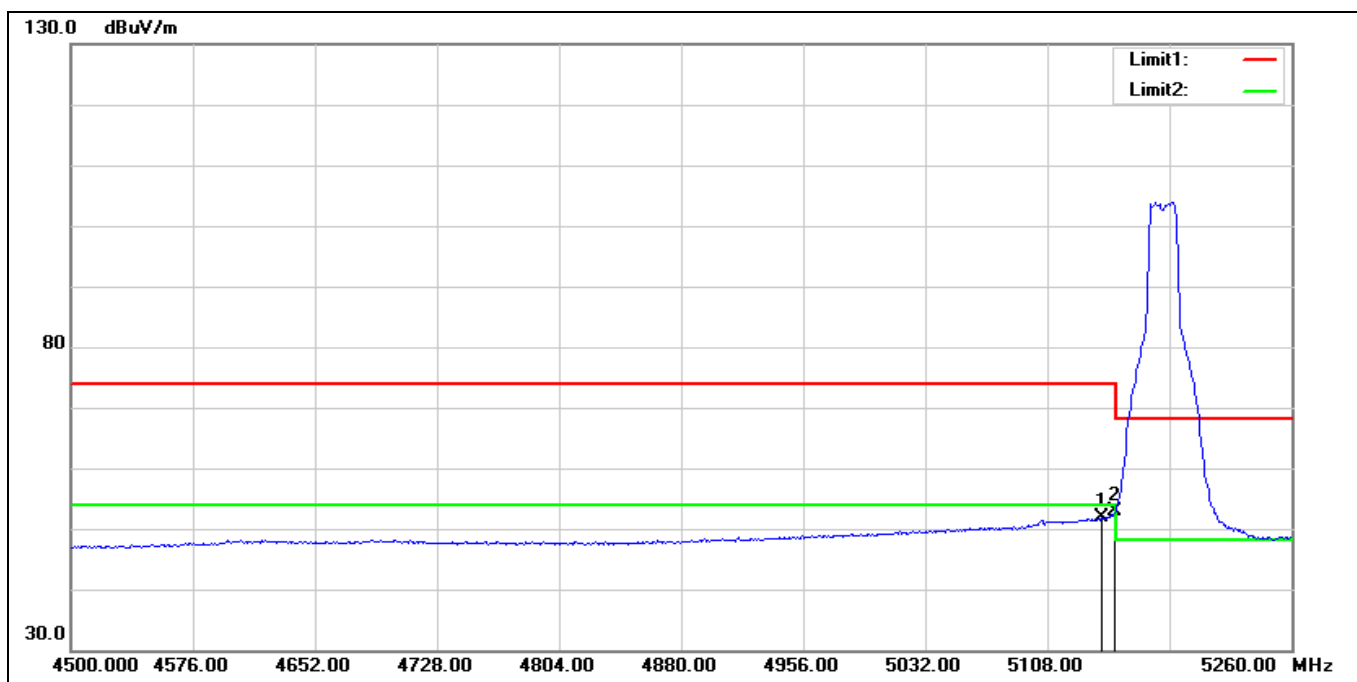


Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT80 5775 MHz		
Remark:			

No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
0	5600.000	59.11	2.02	61.13	68.20	-7.07	peak
1	5650.000	58.67	1.90	60.57	68.20	-7.63	peak
2	5700.000	71.52	2.06	73.58	105.20	-31.62	peak
3	5720.000	73.75	2.26	76.01	110.80	-34.79	peak
4	5725.000	77.29	2.30	79.59	122.20	-42.61	peak
5	5744.375	97.50	2.49	99.99	131.20	-31.21	peak
6	5850.000	68.39	2.98	71.37	122.20	-50.83	peak
7	5855.000	66.90	3.01	69.91	110.80	-40.89	peak
8	5875.000	60.75	3.07	63.82	105.20	-41.38	peak
9	5925.000	57.47	3.10	60.57	68.20	-7.63	peak
10*	5943.500	58.88	3.05	61.93	68.20	-6.27	peak

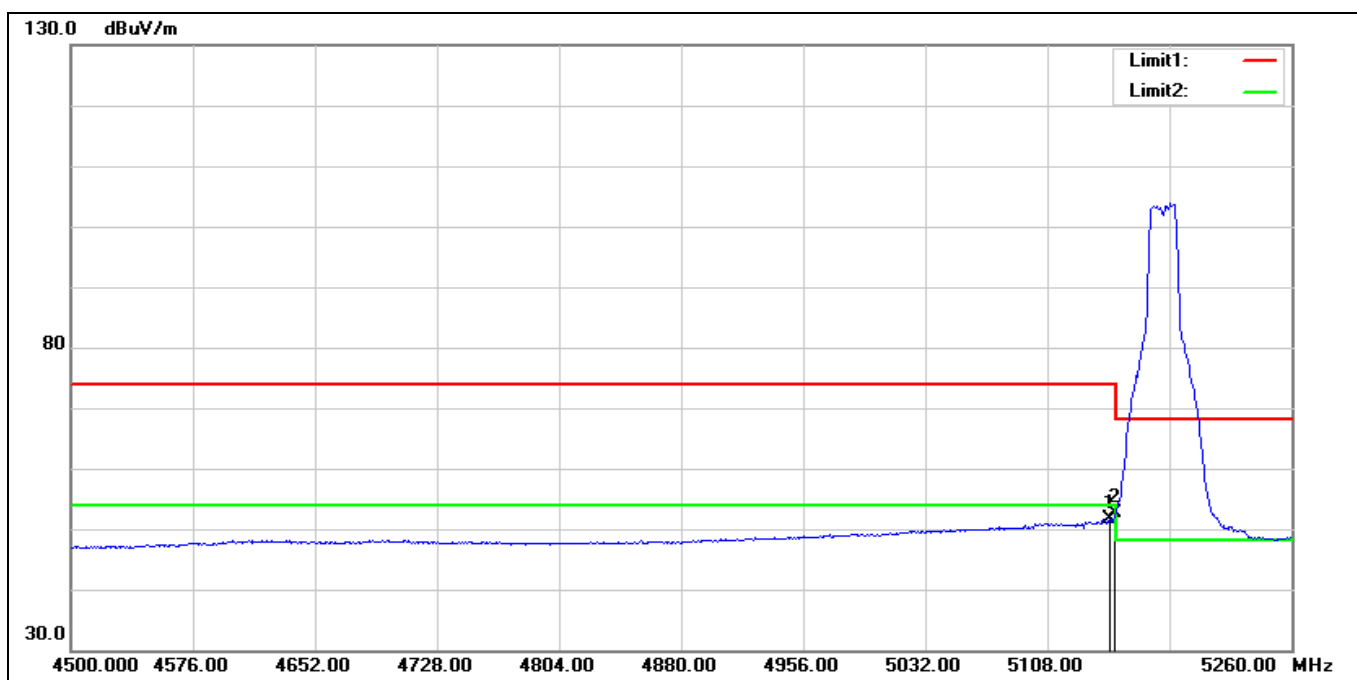
Average

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5180 MHz		
Remark:			



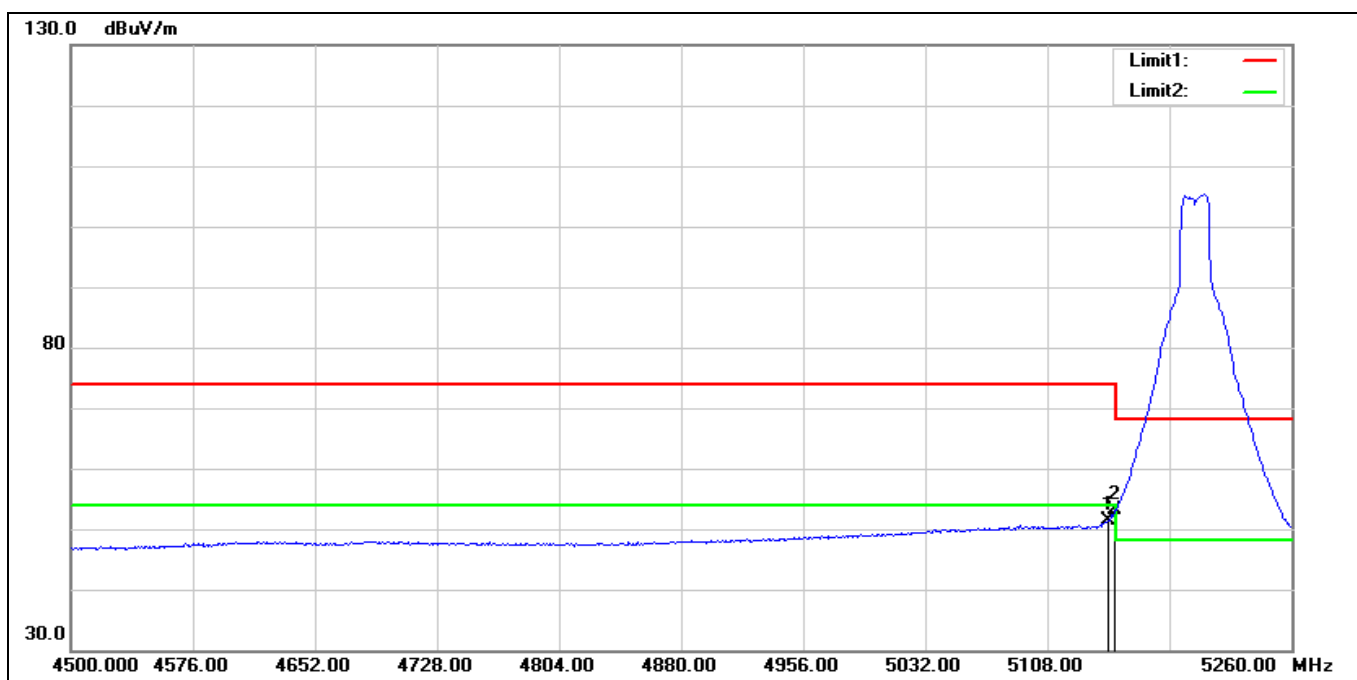
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.440	50.38	1.40	51.78	54.00	-2.22	AVG
2*	5150.000	51.49	1.42	52.91	54.00	-1.09	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5180 MHz		
Remark:			



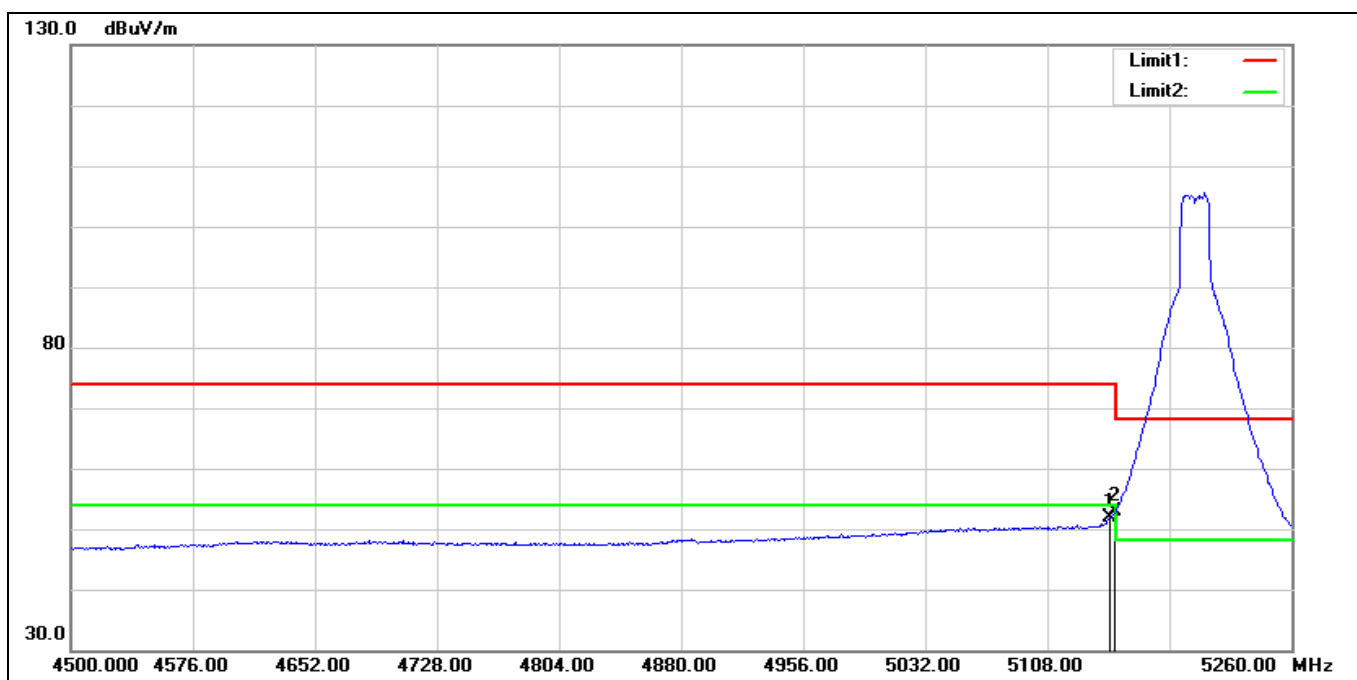
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.760	50.18	1.42	51.60	54.00	-2.40	AVG
2*	5150.000	51.09	1.42	52.51	54.00	-1.49	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5200 MHz		
Remark:			



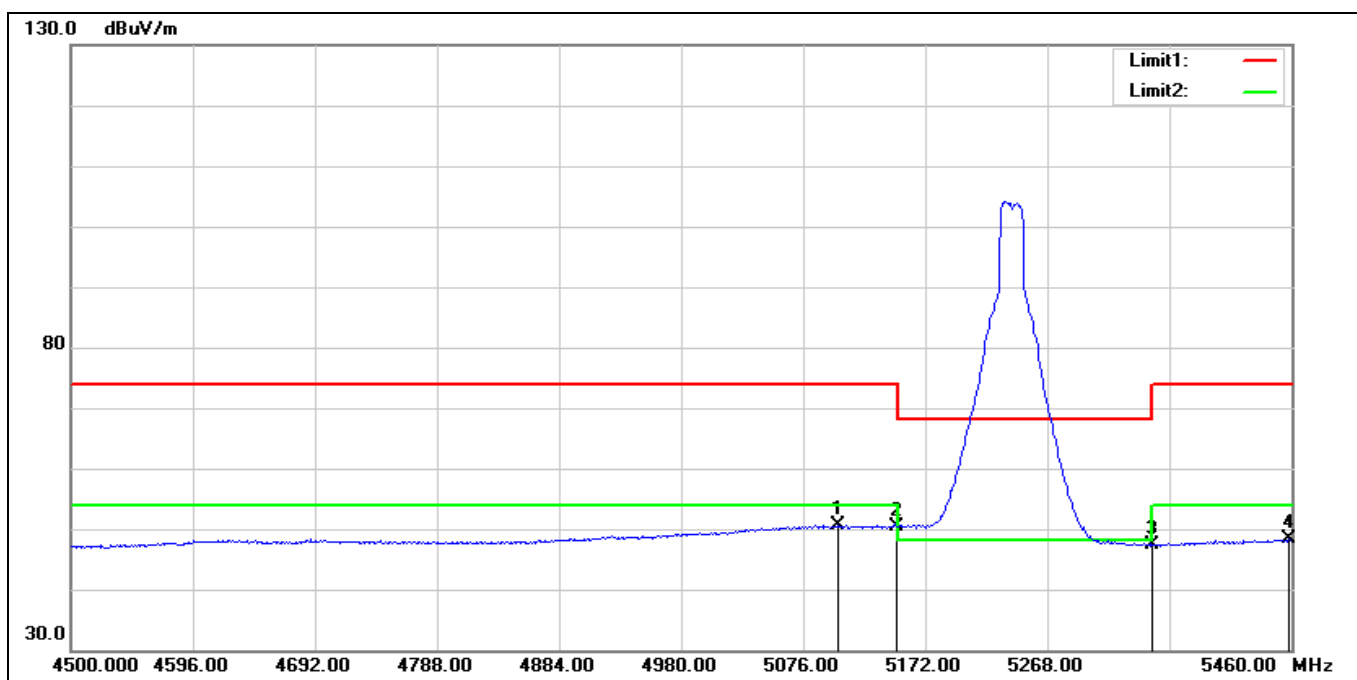
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.000	49.85	1.42	51.27	54.00	-2.73	AVG
2*	5150.000	51.77	1.42	53.19	54.00	-0.81	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5200 MHz		
Remark:			



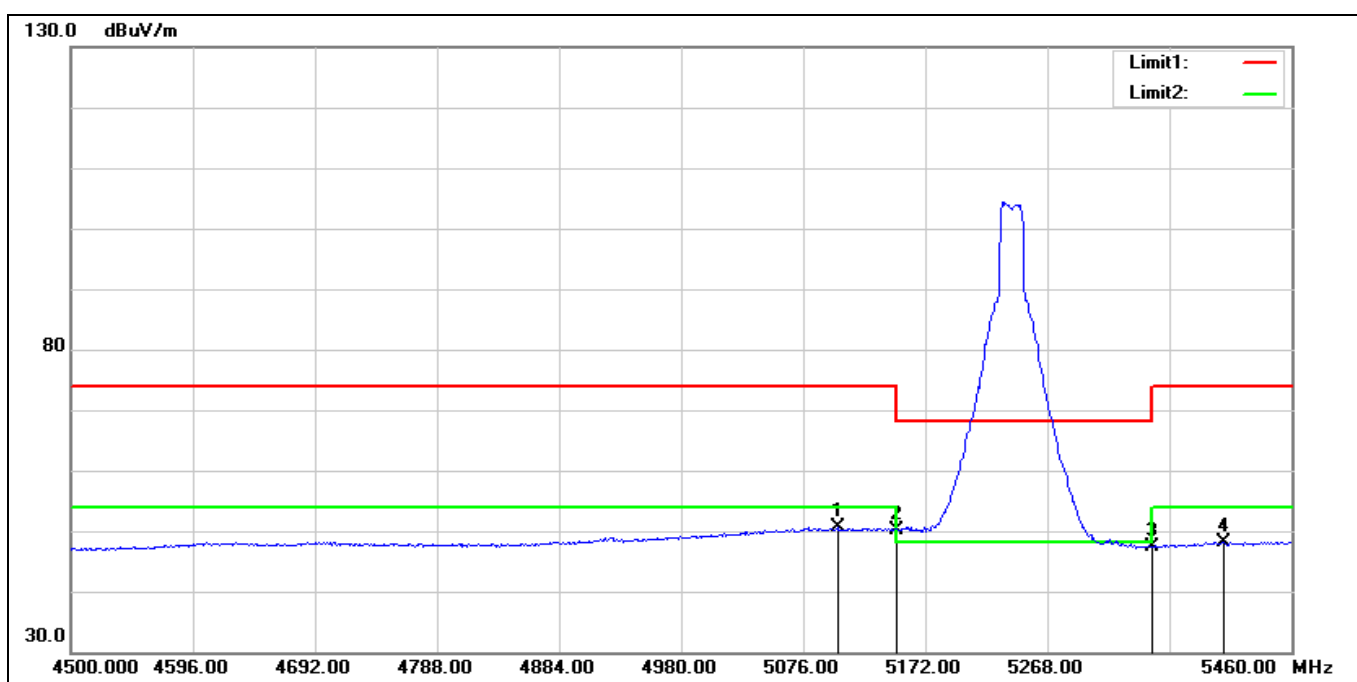
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.760	50.34	1.42	51.76	54.00	-2.24	AVG
2*	5150.000	51.55	1.42	52.97	54.00	-1.03	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11a 5240 MHz		
Remark:			



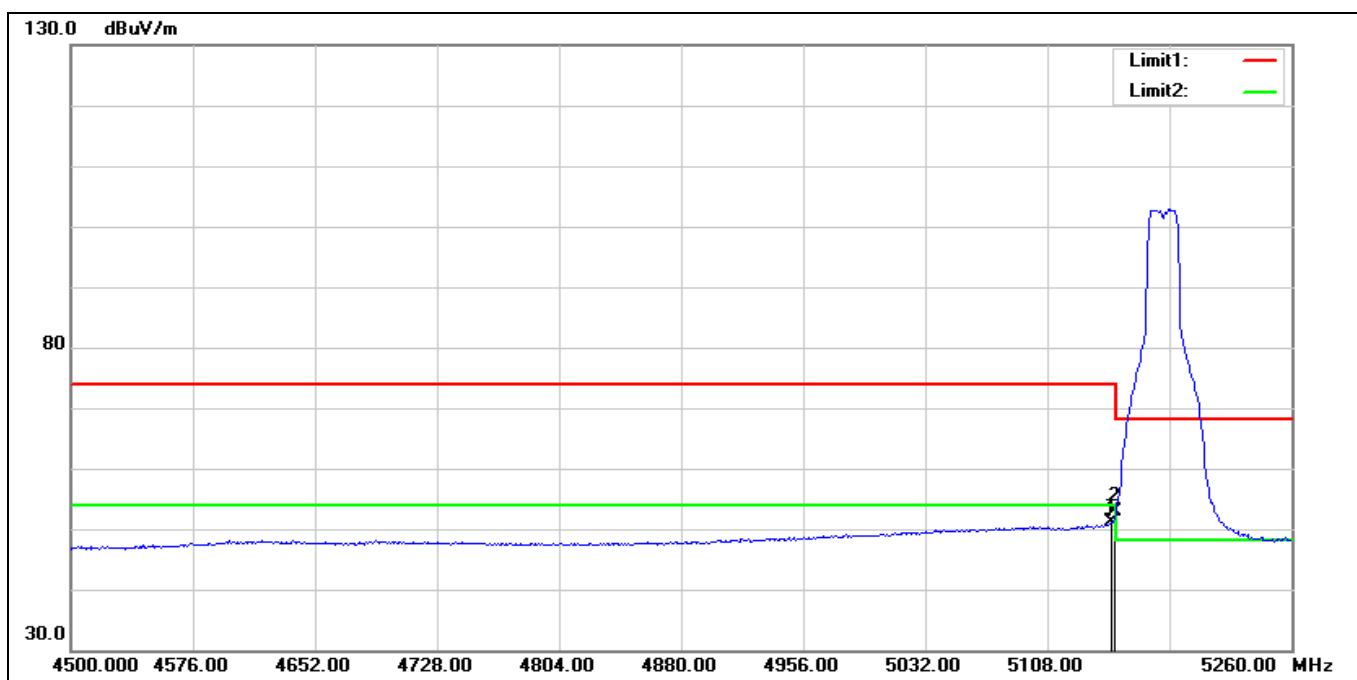
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5102.880	49.23	1.35	50.58	54.00	-3.42	AVG
2	5150.000	49.00	1.42	50.42	54.00	-3.58	AVG
3	5350.000	46.29	1.08	47.37	54.00	-6.63	AVG
4	5458.080	46.57	1.72	48.29	54.00	-5.71	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11a 5240 MHz		
Remark:			



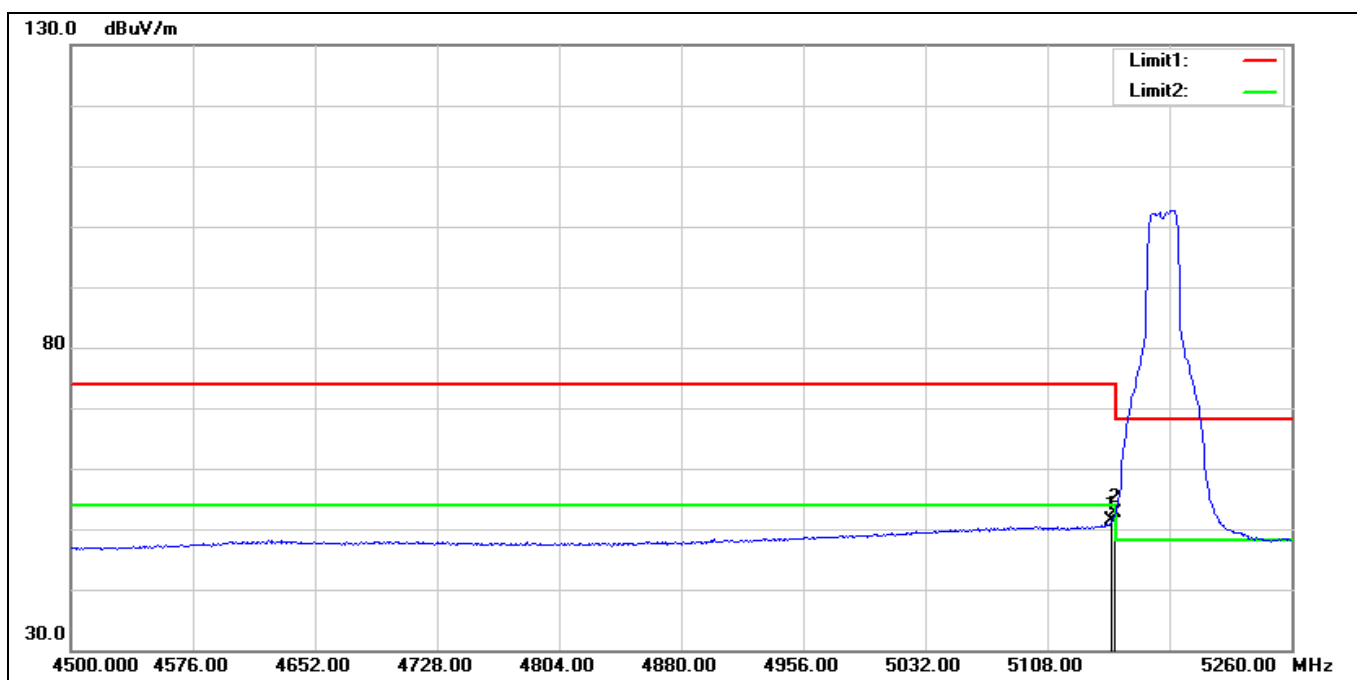
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5103.840	49.28	1.35	50.63	54.00	-3.37	AVG
2	5150.000	48.62	1.42	50.04	54.00	-3.96	AVG
3	5350.000	46.34	1.08	47.42	54.00	-6.58	AVG
4	5406.240	46.66	1.56	48.22	54.00	-5.78	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT20 5180 MHz		
Remark:			



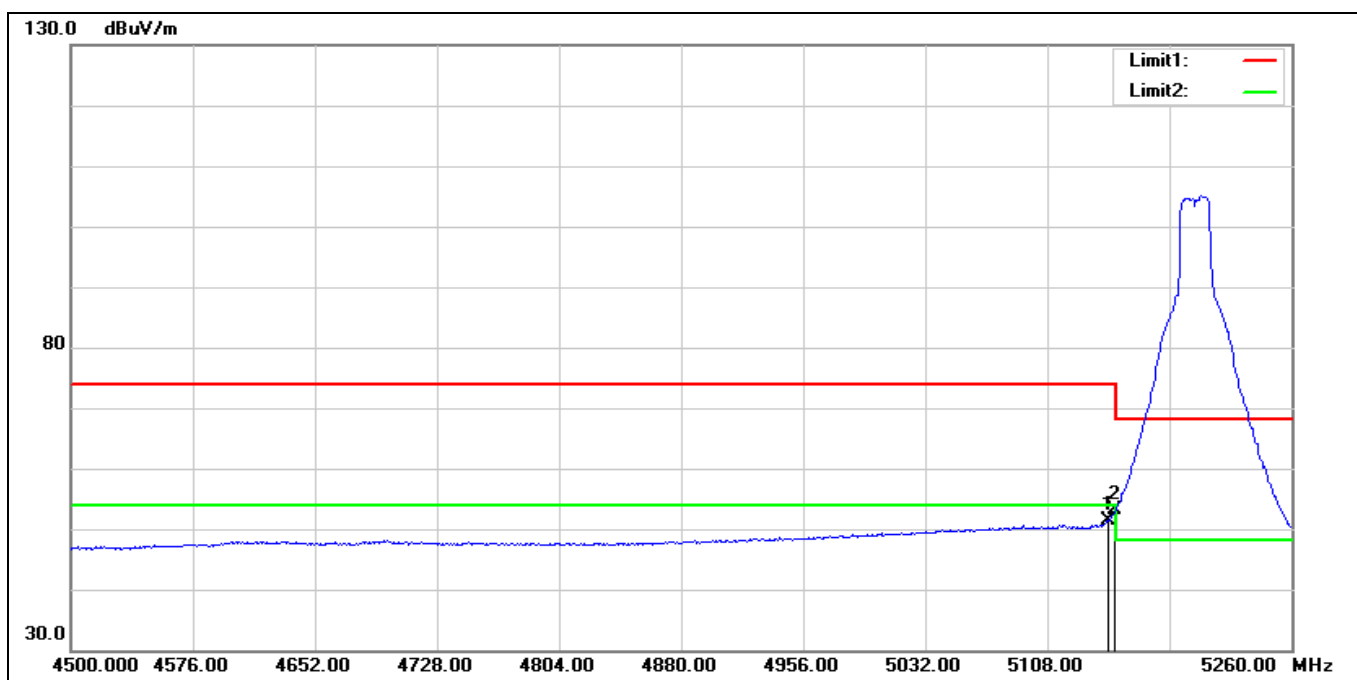
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.280	49.70	1.42	51.12	54.00	-2.88	AVG
2*	5150.000	51.49	1.42	52.91	54.00	-1.09	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT20 5180 MHz		
Remark:			



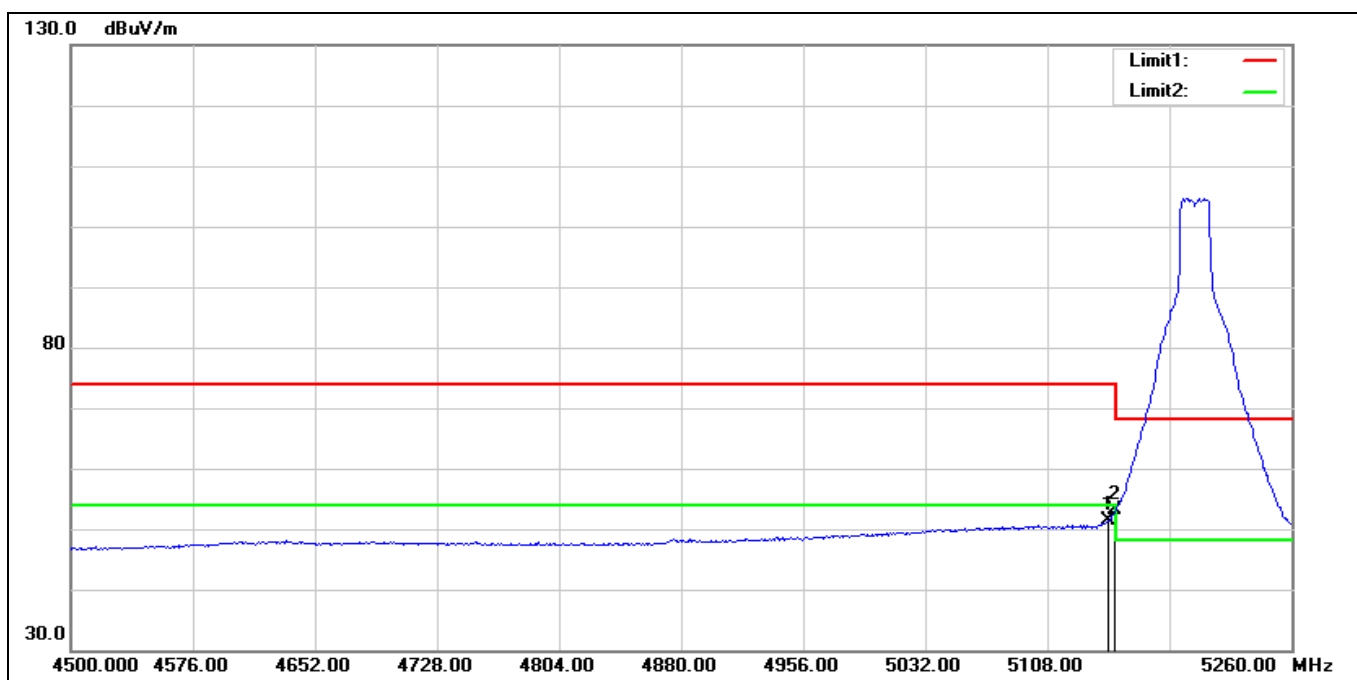
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.280	49.97	1.42	51.39	54.00	-2.61	AVG
2*	5150.000	51.30	1.42	52.72	54.00	-1.28	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT20 5200 MHz		
Remark:			



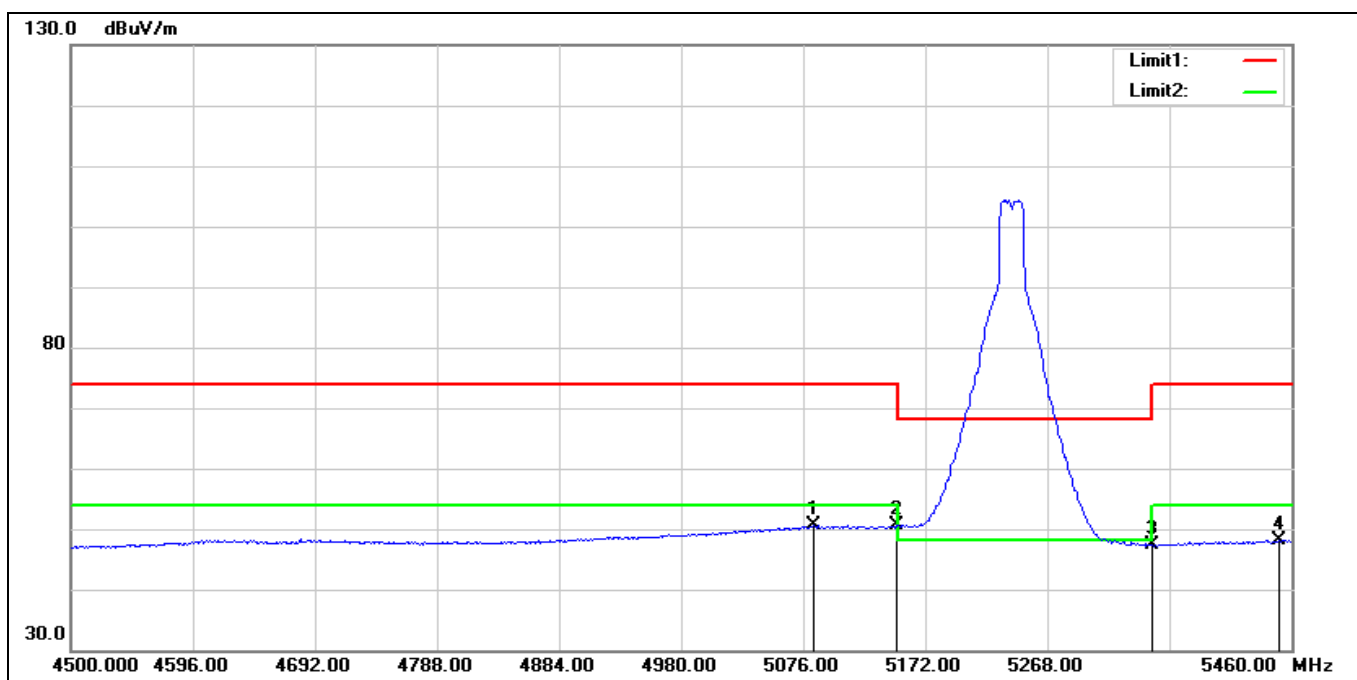
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.000	49.91	1.42	51.33	54.00	-2.67	AVG
2*	5150.000	51.63	1.42	53.05	54.00	-0.95	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT20 5200 MHz		
Remark:			



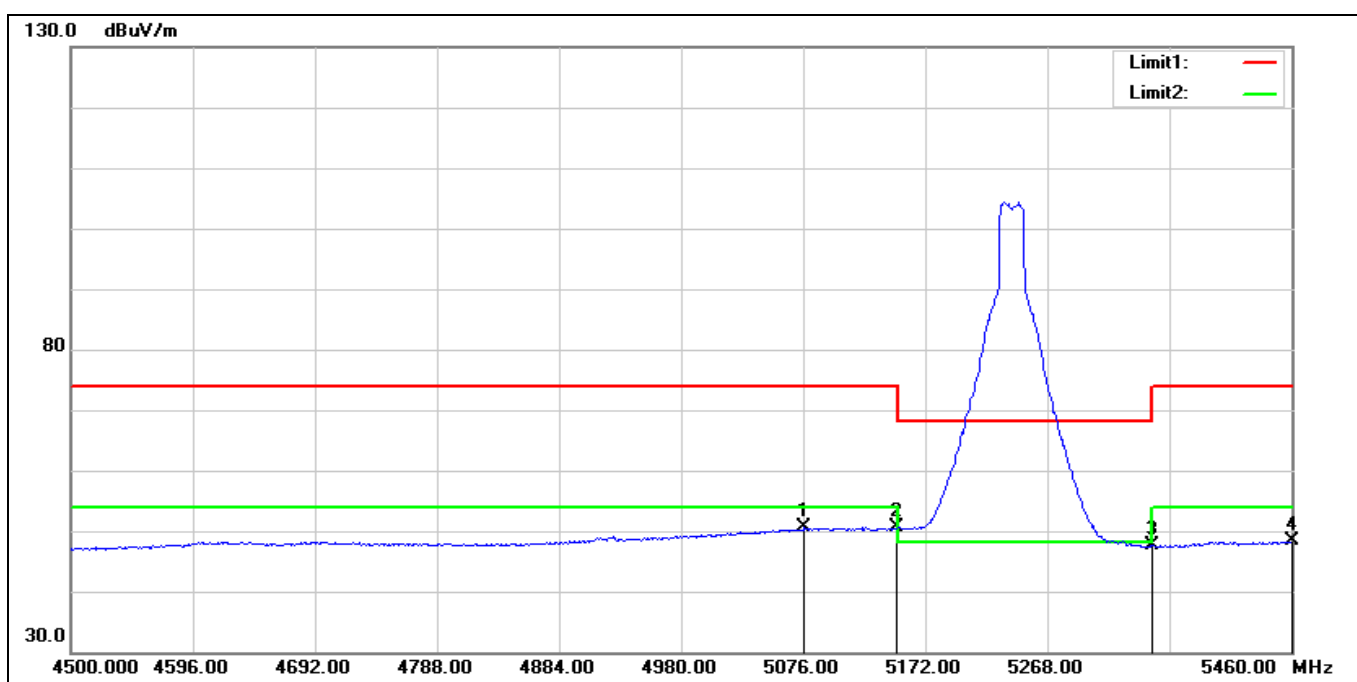
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.000	49.95	1.42	51.37	54.00	-2.63	AVG
2*	5150.000	51.82	1.42	53.24	54.00	-0.76	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT20 5240 MHz		
Remark:			



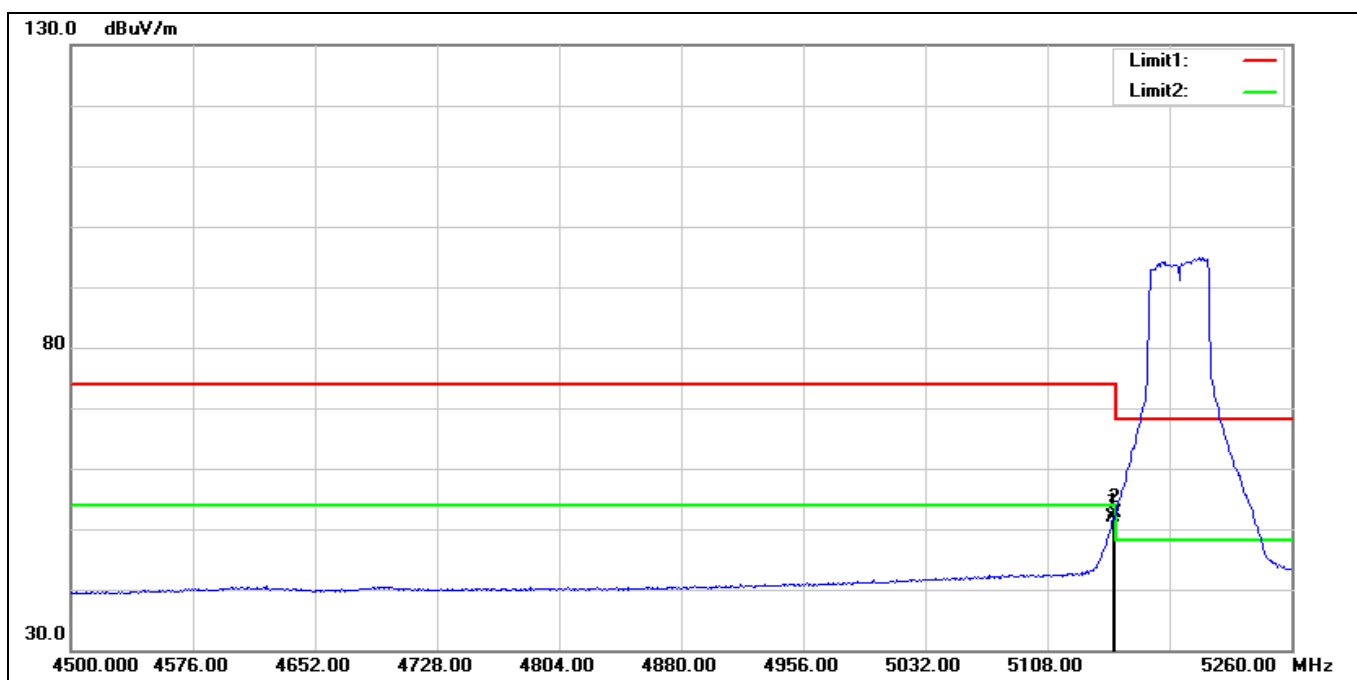
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5083.680	49.37	1.26	50.63	54.00	-3.37	AVG
2	5150.000	49.14	1.42	50.56	54.00	-3.44	AVG
3	5350.000	46.34	1.08	47.42	54.00	-6.58	AVG
4	5450.400	46.40	1.71	48.11	54.00	-5.89	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT20 5240 MHz		
Remark:			



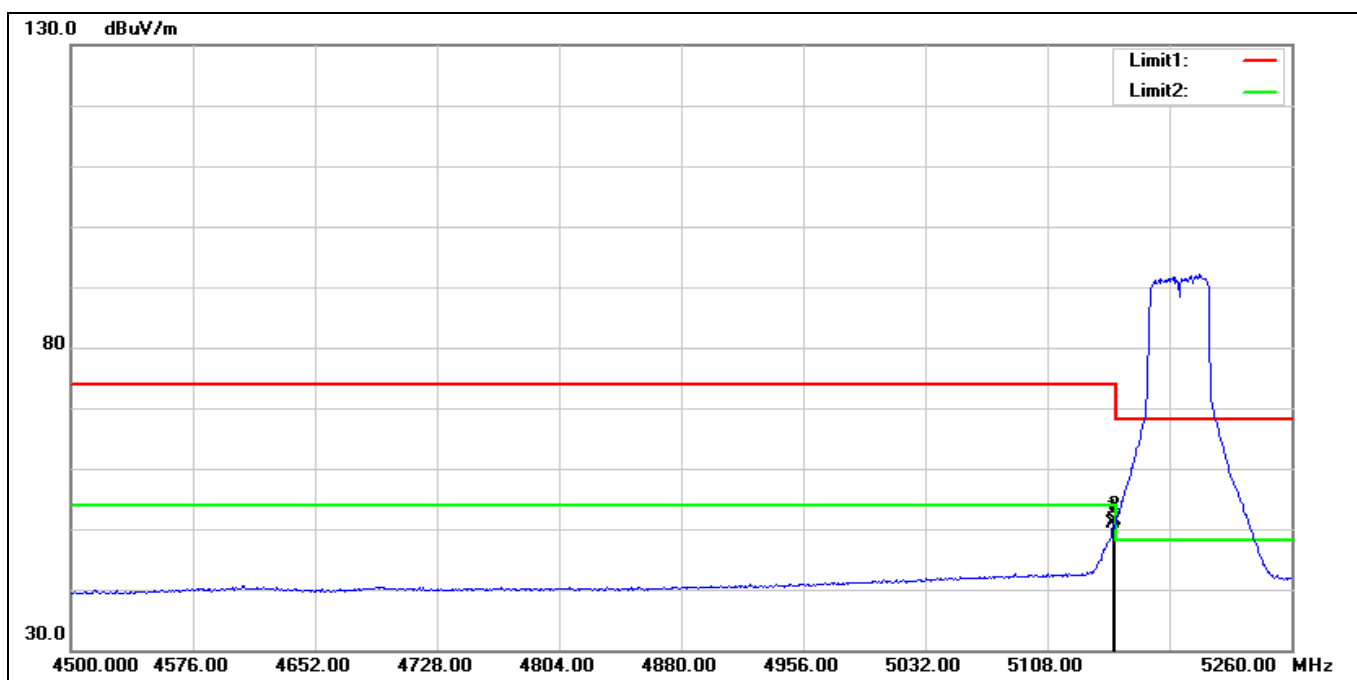
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5076.960	49.36	1.24	50.60	54.00	-3.40	AVG
2*	5150.000	49.19	1.42	50.61	54.00	-3.39	AVG
3	5350.000	46.59	1.08	47.67	54.00	-6.33	AVG
4	5460.000	46.55	1.73	48.28	54.00	-5.72	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT40 5190 MHz		
Remark:			



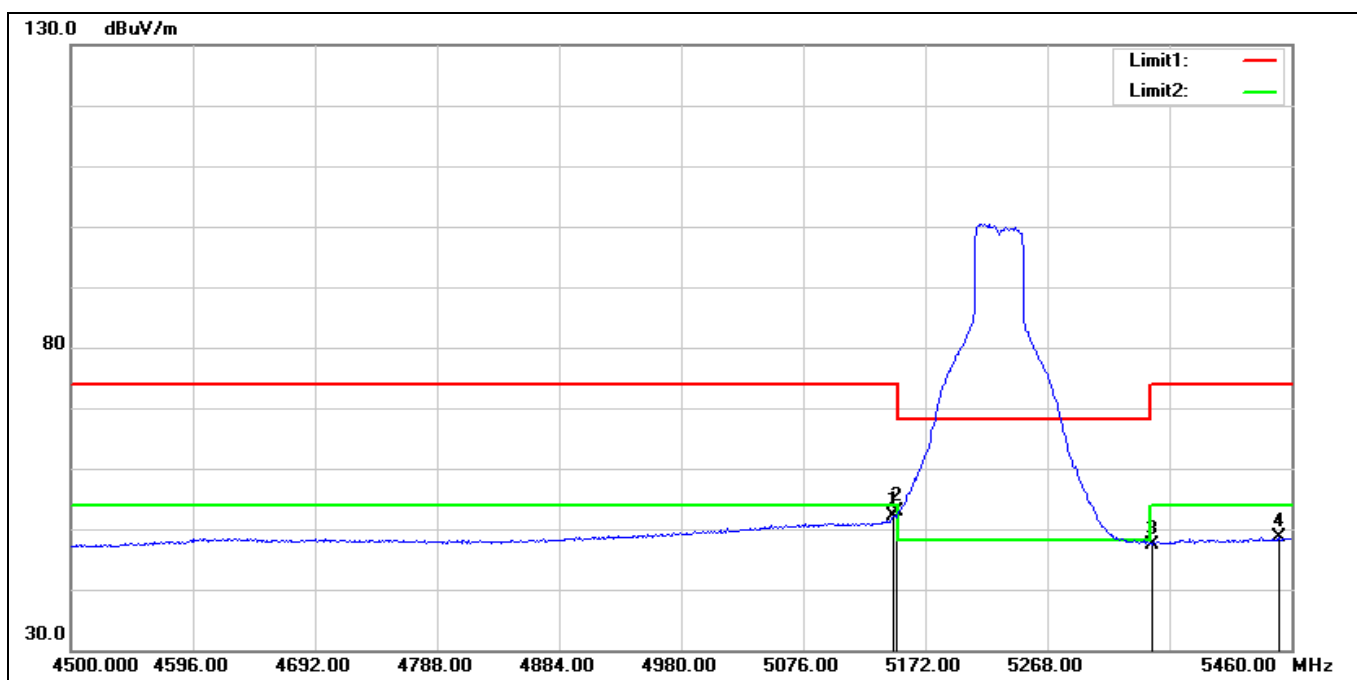
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.040	50.35	1.42	51.77	54.00	-2.23	AVG
2*	5150.000	51.09	1.42	52.51	54.00	-1.49	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT40 5190 MHz		
Remark:			



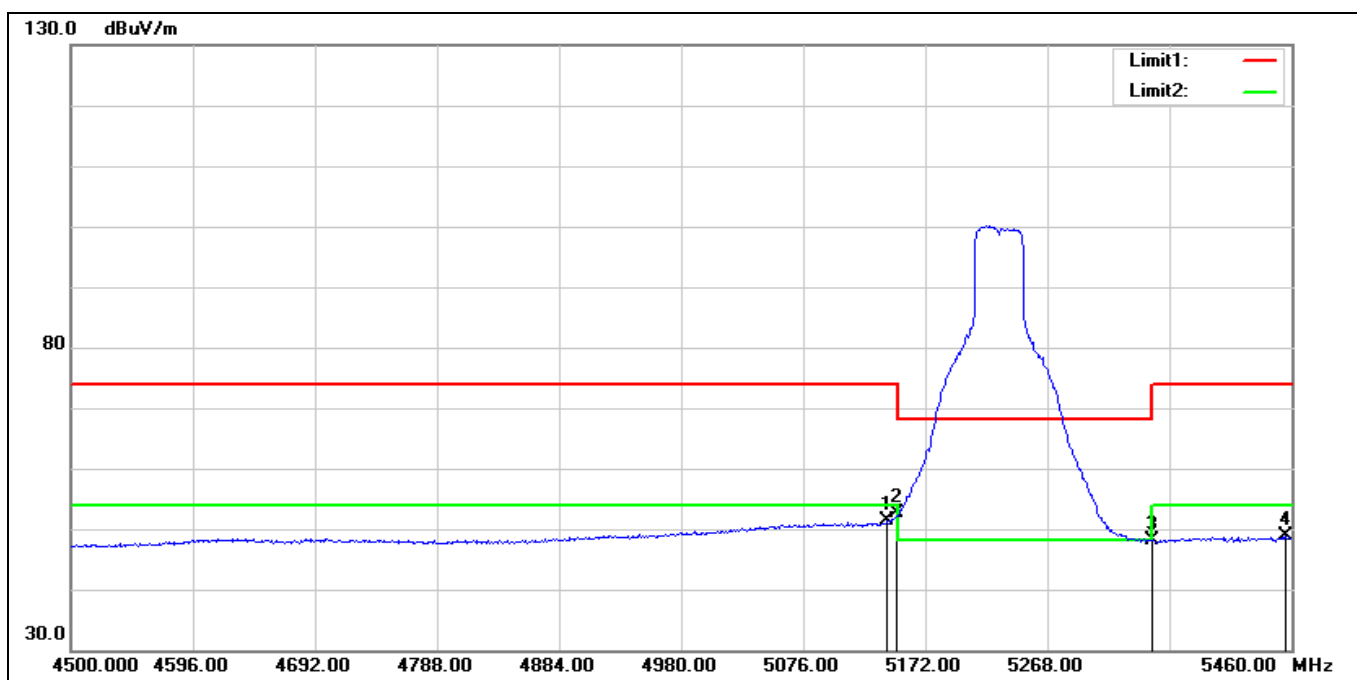
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.040	49.48	1.42	50.90	54.00	-3.10	AVG
2*	5150.000	49.98	1.42	51.40	54.00	-2.60	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT40 5230 MHz		
Remark:			



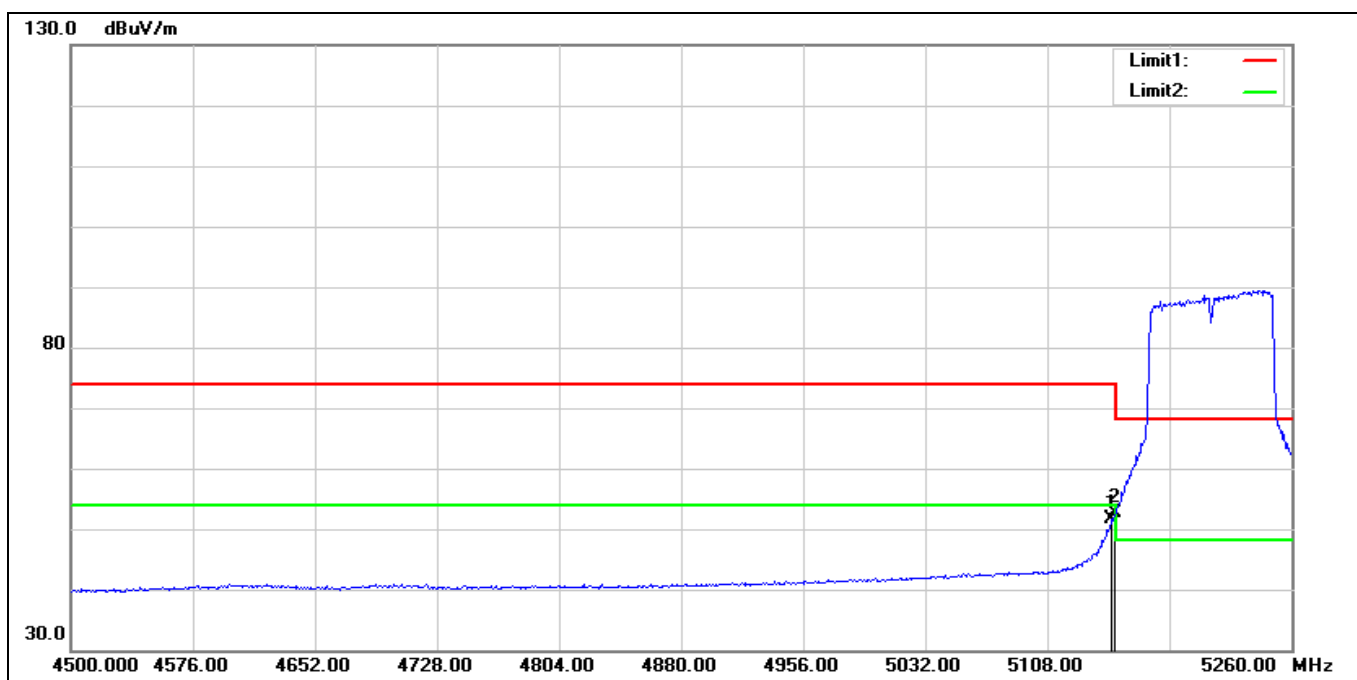
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.040	50.60	1.42	52.02	54.00	-1.98	AVG
2*	5150.000	51.42	1.42	52.84	54.00	-1.16	AVG
3	5350.000	46.40	1.08	47.48	54.00	-6.52	AVG
4	5450.400	46.91	1.71	48.62	54.00	-5.38	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT40 5230 MHz		
Remark:			



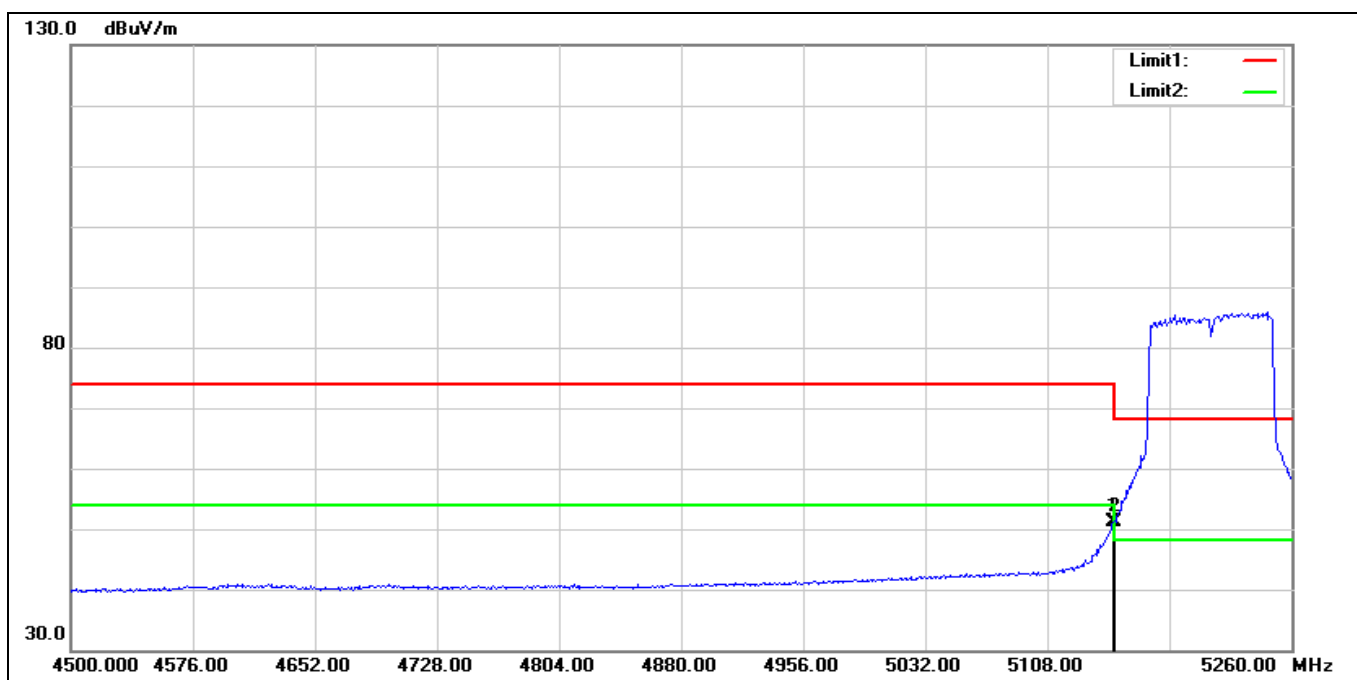
No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.240	49.86	1.41	51.27	54.00	-2.73	AVG
2*	5150.000	51.25	1.42	52.67	54.00	-1.33	AVG
3	5350.000	47.02	1.08	48.10	54.00	-5.90	AVG
4	5455.200	47.07	1.72	48.79	54.00	-5.21	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Horizontal		
Test Mode:	802.11ac VHT80 5210 MHz		
Remark:			



No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.280	50.29	1.42	51.71	54.00	-2.29	AVG
2*	5150.000	51.32	1.42	52.74	54.00	-1.26	AVG

Standard:	Part 15E	Test Site:	966 Chamber
Polarization:	Vertical		
Test Mode:	802.11ac VHT80 5210 MHz		
Remark:			



No.	Frequency (MHz)	Reading (dBuV)	Correction (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.040	49.64	1.42	51.06	54.00	-2.94	AVG
2*	5150.000	49.72	1.42	51.14	54.00	-2.86	AVG

5.3. Conducted Test Results

Duty cycle

Reference Appendix A / Appendix B

Maximum Conducted Output Power Measurement

Reference Appendix A

26 dB RF Bandwidth Measurement & 99 % Occupied Bandwidth Measurement

Reference Appendix A / Appendix B

6 dB RF Bandwidth Measurement

Reference Appendix A / Appendix B

Maximum Power Spectral Density Measurement

Reference Appendix A / Appendix B

---END---