RF Test Report

Applicant	:	Meter Inc
Product Name	:	Meter wireless access point
Trade Name	:	meter
Model Number	:	MW06, MW07
Applicable Standard	:	FCC 47 CFR PART 15 SUBPART E ANSI C63.10:2013
Received Date	:	Jun. 01, 2023
Test Period	:	Jun. 13 ~ Jun. 25, 2023
Issued Date	:	Aug. 02, 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 Registration Number: 226252 (Bade test site)
Test Firm Registration Number: 191812 (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	Aug. 02, 2023	Initial Issue	Abby Huang

Verification of Compliance

Applicant	:	Meter Inc
Product Name	:	Meter wireless access point
Trade Name	:	meter
Model Number	:	MW06, MW07
FCC ID	:	2AVVV-MW06
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 : Kai Yu Yang

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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	N/A	Note
15.407(a)	Maximum Power Spectral Density	PASS	---
15.407(c)	Automatically discontinue transmission	PASS	---
15.407(a) 15.203	Antenna Requirement	PASS	---

Note：The test data refer to the report number：2201FR95.

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 x 10^-7
Duty Cycle		1.1 %
Time Occupancy		1.5 %

2 EUT Description

Applicant	Meter Inc 548 Market St., PMB 22716, San Francisco, CA 94104-5401			
Product Name	Meter wireless access point			
Trade Name	meter			
Model Number	MW06, MW07			
Models different description	MW06 add Band 2, Band 3 for DFS Function, add series model name MW07, MW07 with 2GB DDR RAM, Band 2, Band 3 for DFS Function, removes the shipping adapter, others are all identical to MW06			
FCC ID	2AVVV-MW06			
Operate Frequency	Frequency Band		Frequency Range (MHz)	Number of Channels
	802.11a	U-NII Band 2-A	5260 – 5320	4
		U-NII Band 2-C	5500 – 5700	8
	802.11n HT20 / 802.11ac VHT20	U-NII Band 2-A	5260 – 5320	4
		U-NII Band 2-C	5500 – 5700	8
	802.11n HT40 / 802.11ac VHT40	U-NII Band 2-A	5270 – 5310	2
		U-NII Band 2-C	5510 – 5670	3
	802.11ac VHT80	U-NII Band 2-A	5290	1
		U-NII Band 2-C	5530	1
Modulation Type	OFDM			

Antenna information	Antenna	Model	Type	Max. Gain (dBi)	
	QCA9884-5G				
	ANT-0 (Ant-5)	5718A0350300	Metal PIFA Antenna	U-NII Band 2-A	4.54
				U-NII Band 2-C	5.65
	ANT-1 (Ant-6)	5718A0351300	Metal PIFA Antenna	U-NII Band 2-A	4.61
				U-NII Band 2-C	4.59
	ANT-2 (Ant-8)	5718A0353300	Metal PIFA Antenna	U-NII Band 2-A	4.15
				U-NII Band 2-C	4.98
	ANT-3 (Ant-7)	5718A0352300	Metal PIFA Antenna	U-NII Band 2-A	4.25
				U-NII Band 2-C	5.84
	Antenna	Model	Type	Max. Gain (dBi)	
	QCA9889				
	ANT-0 (Ant-9)	5718A0643300	Metal PIFA Antenna	U-NII Band 2-A	5.14
				U-NII Band 2-C	5.14
Antenna Delivery	Reference section 3.1				
Operate Temp. Range	0 ~ +40 ℃				
EUT Power Rating	DC INPUT: 12 V, 2 A PoE INPUT: 54 V, 0.6 A				

EUT Modify Description：

Modify Description: Add host system new model number: MW07 MW07 with 2GB DDR RAM, add Band 2, Band 3 for DFS Function, removes the shipping adapter, others are all identical to MW06. After the evaluation, All Band 2, Band 3 need to be re-evaluated. The other test data refer to the original report.
With reference to FCC ID: 2AVVV-MW06

QCA9884-5G

Frequency Band		RF Output Power (W)
802.11a	U-NII Band 2-A	0.059
	U-NII Band 2-C	0.050
802.11n HT20	U-NII Band 2-A	0.174
	U-NII Band 2-C	0.181
802.11n HT40	U-NII Band 2-A	0.232
	U-NII Band 2-C	0.224
802.11ac VHT20	U-NII Band 2-A	0.183
	U-NII Band 2-C	0.192
802.11ac VHT40	U-NII Band 2-A	0.244
	U-NII Band 2-C	0.232
802.11ac VHT80	U-NII Band 2-A	0.067
	U-NII Band 2-C	0.055

Beamforming on

Frequency Band		RF Output Power (W)
802.11n HT20	U-NII Band 2-A	0.041
	U-NII Band 2-C	0.044
802.11n HT40	U-NII Band 2-A	0.056
	U-NII Band 2-C	0.053
802.11ac VHT20	U-NII Band 2-A	0.044
	U-NII Band 2-C	0.046
802.11ac VHT40	U-NII Band 2-A	0.059
	U-NII Band 2-C	0.056
802.11ac VHT80	U-NII Band 2-A	0.015
	U-NII Band 2-C	0.013

QCA9889

Frequency Band		RF Output Power (W)
802.11a	U-NII Band 2-A	0.008
	U-NII Band 2-C	0.011
802.11n HT20	U-NII Band 2-A	0.007
	U-NII Band 2-C	0.010
802.11n HT40	U-NII Band 2-A	0.007
	U-NII Band 2-C	0.009
802.11ac VHT20	U-NII Band 2-A	0.007
	U-NII Band 2-C	0.011
802.11ac VHT40	U-NII Band 2-A	0.007
	U-NII Band 2-C	0.009
802.11ac VHT80	U-NII Band 2-A	0.006
	U-NII Band 2-C	0.008

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

In the test report use EUT model: MW06 to operate testing.

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:

5G Wlan_QCA9984

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.

Scan Radio_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.

QCA9884-5G

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

Test Mode	Antenna Delivery	Data Rate (Mbps)	Band	Test Channel
802.11a	4TX / 4RX (CDD)	6	U-NII Band 2-A	52, 56, 64
			U-NII Band 2-C	100, 112, 140
802.11n HT20	4TX / 4RX (STBC/Beamforming on)	26	U-NII Band 2-A	52, 56, 64
			U-NII Band 2-C	100, 112, 140
802.11n HT40	4TX / 4RX (STBC/Beamforming on)	54	U-NII Band 2-A	54, 62
			U-NII Band 2-C	102, 110, 134
802.11ac VHT20	4TX / 4RX (STBC/Beamforming on)	26	U-NII Band 2-A	52, 56, 64
			U-NII Band 2-C	100, 112, 140
802.11ac VHT40	4TX / 4RX (STBC/Beamforming on)	54	U-NII Band 2-A	54, 62
			U-NII Band 2-C	102, 110, 134
802.11ac VHT80	4TX / 4RX (STBC/Beamforming on)	117.2	U-NII Band 2-A	58
			U-NII Band 2-C	106

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 / 1RX	6	U-NII Band 2-A	52, 56, 64
			U-NII Band 2-C	100, 112, 140
802.11n HT20	1TX / 1RX	6.5	U-NII Band 2-A	52, 56, 64
			U-NII Band 2-C	100, 112, 140
802.11n HT40	1TX / 1RX	13.5	U-NII Band 2-A	54, 62
			U-NII Band 2-C	102, 110, 134
802.11ac VHT20	1TX / 1RX	6.5	U-NII Band 2-A	52, 56, 64
			U-NII Band 2-C	100, 112, 140
802.11ac VHT40	1TX / 1RX	13.5	U-NII Band 2-A	54, 62
			U-NII Band 2-C	102, 110, 134
802.11ac VHT80	1TX / 1RX	29.3	U-NII Band 2-A	58
			U-NII Band 2-C	106

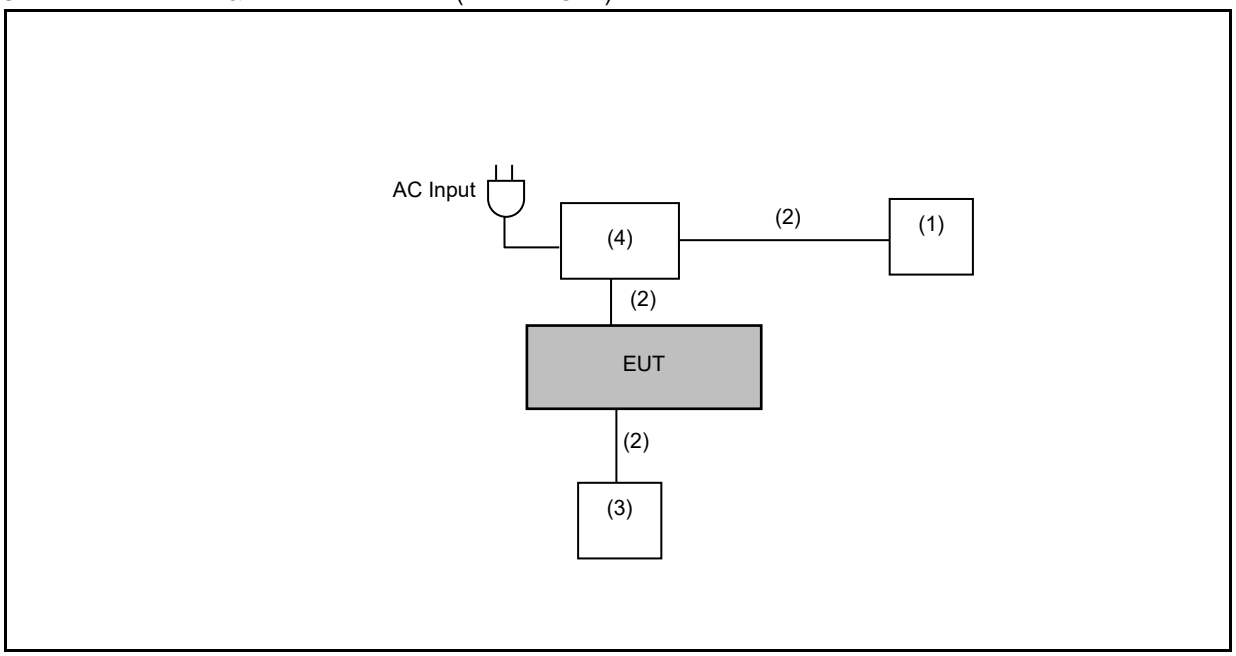
3.2. EUT Test Step

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.

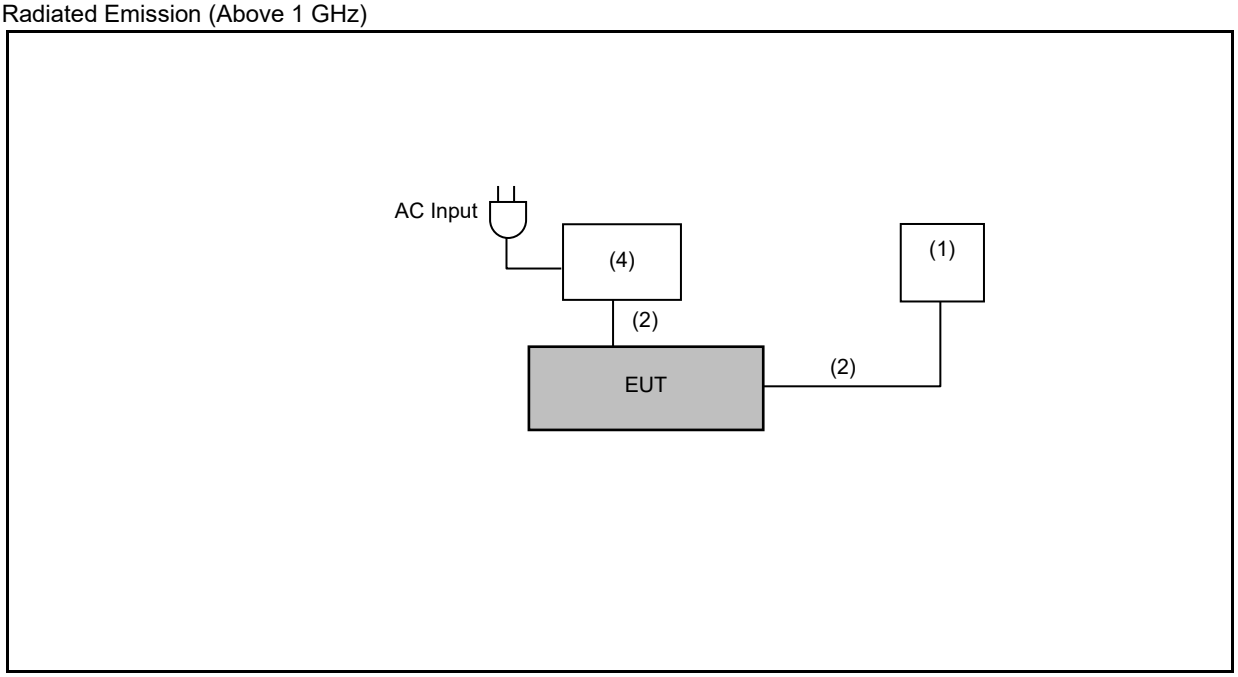
1.	Setup the EUT shown on “Configuration of Test System Details”.
2.	Turn on the power of all equipment.
3.	Turn on TX function.
4.	EUT run test program.

3.3. Configuration of Test System Details

Conducted Emission & Radiated Emission (Below 1 GHz)



Radiated Emission (Above 1 GHz)



Product		Manufacturer	Model Number	Serial Number	Power Cord
(1)	Notebook	ASUS	P1448U	---	---
(2)	LAN Cable	TATUNG	CAT5E	---	---
(3)	Notebook	Acer	N19C1	---	---
(4)	PoE Injector	emplus	EPA5006GAT	---	---
(5)	Adapter	APD	WB-24J12FG	---	---
(6)	Adapter	DEE	KSA-24W-120200D5	---	---

3.4. Test Instruments

For Conducted Emission
Test Period: Jun. 18, 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 22, 2023	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	Jun. 01, 2023	1 year
☒	Software	EZ EMC	1.1.4.3	N/A	N.C.R.	---

For Conducted
Test Period: Jun. 13 ~ Jun. 25, 2023
Testing Engineer: Brian Lin, Andy Lu

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. 05, 2023	1 year
☐	Power Supply	KEITHLEY	2303	4045290	Jan. 06, 2023	1 year

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

For Radiated Emissions
Test Period: Jun. 15 ~ Jun. 20, 2023
Testing Engineer: Eason Lee, Jayson Hsieh

Test Site		96601-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
☒	Amplifier (10 kHz~3 GHz)	Agilent	EMC001330	980862	Dec. 01, 2022	1 year
☐	Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A10961	Jul. 07, 2022	1 year
☐	Amplifier (1 GHz~26.5 GHz)	Agilent	8449B	3008A02237	Oct. 19, 2022	1 year
☒	Pre Amplifier (1~26.5 GHz)	Agilent	8449B	3008A02455	Jul. 07, 2022	1 year
☐	Preamplifier (1 GHz~26.5 GHz)	EMCI	EMC012645SE	980289	Feb. 16, 2023	1 year
☒	Preamplifier (26.5 GHz~40 GHz)	EMCI	EMC2654045	980028	Sep. 02, 2022	1 year
☒	Loop Antenna (9 kHz~30 MHz)	COM-POWER CORPORATION	AL-130	121014	Mar. 23, 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
☒	Broadband Horn Antenna (18 GHz~40 GHz)	Schwarzbeck Mess-Elektronik	9170	9170-320	Aug. 25, 2022	1 year
☐	Preamplifier (18 GHz~40 GHz)	EMCI	EMC184045SE	980861	Dec. 15, 2022	1 year
☐	Horn Antenna (18 GHz~40 GHz)	ETS	3116	00086467	Dec. 05, 2022	1 year

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

For Radiated Emissions
Test Period: Jun. 15 ~ Jun. 20, 2023
Testing Engineer: Eason Lee, Jayson Hsieh

Test Site		96601-BD				
Radiation test sites		Semi Anechoic Room				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Microwave Cable	EMCI	EMC104-SM-SM-13000	170814	Feb. 17, 2023	1 year
☒	Microwave Cable	EMCI	EMCCFD400-NM-NM-6000	210902	Feb. 17, 2023	1 year
☒	Microwave Cable	SUHNER	suflex104	313229/4	Feb. 17, 2023	1 year
☐	Microwave Cable	EMCI	EMC102-KM-KM-14000	151001	Feb. 17, 2023	1 year
☐	RF Cable (30-1000 MHz)	EMCI	EMC104-N-N-2000	TE01-2	Feb. 17, 2023	1 year
☐	RF Cable (30-1000 MHz)	EMCI	EMC104-N-N-6000	TE01-1	Feb. 17, 2023	1 year
☐	RF Cable (30-1000 MHz)	EMCI	EMC 106-SM-NM-1000	171219 (TE01-3)	Feb. 17, 2023	1 year
☐	Bluetooth Tester	R&S	CBT	100350	Mar. 20, 2023	2 years
☐	Wireless Connectivity Tester	R&S	CMW270	102208	Jun. 05, 2023	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

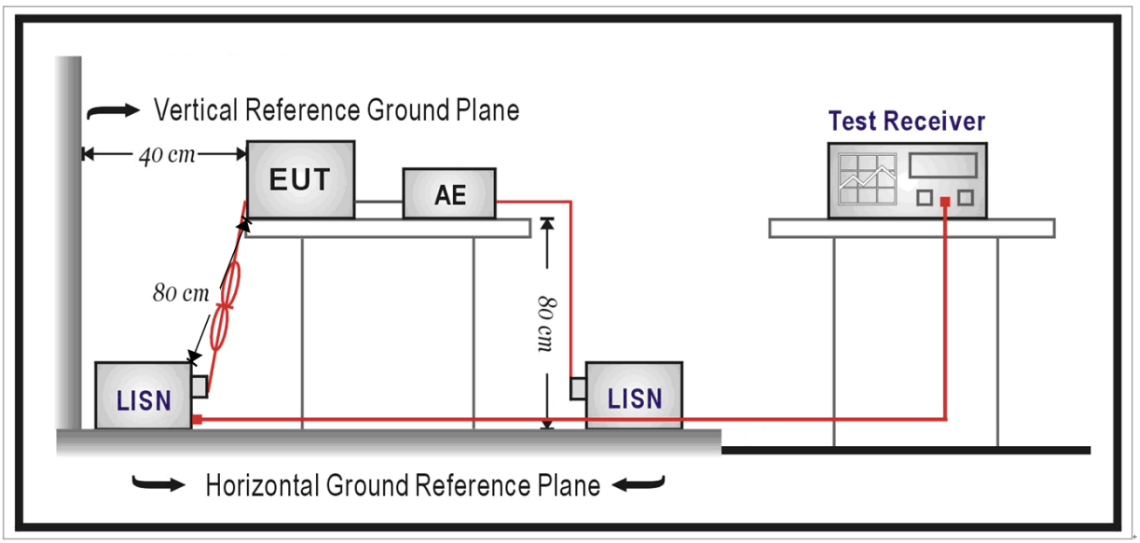
4 Measurement Procedure

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 Ω// 50 uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50 Ω// 50 uH 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

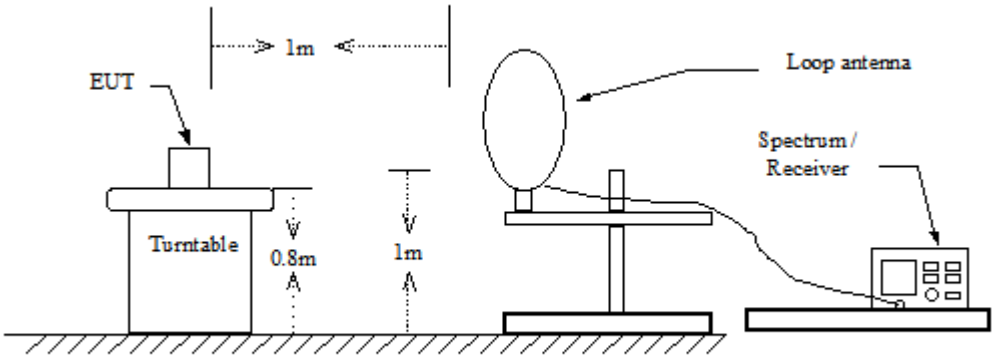
Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

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

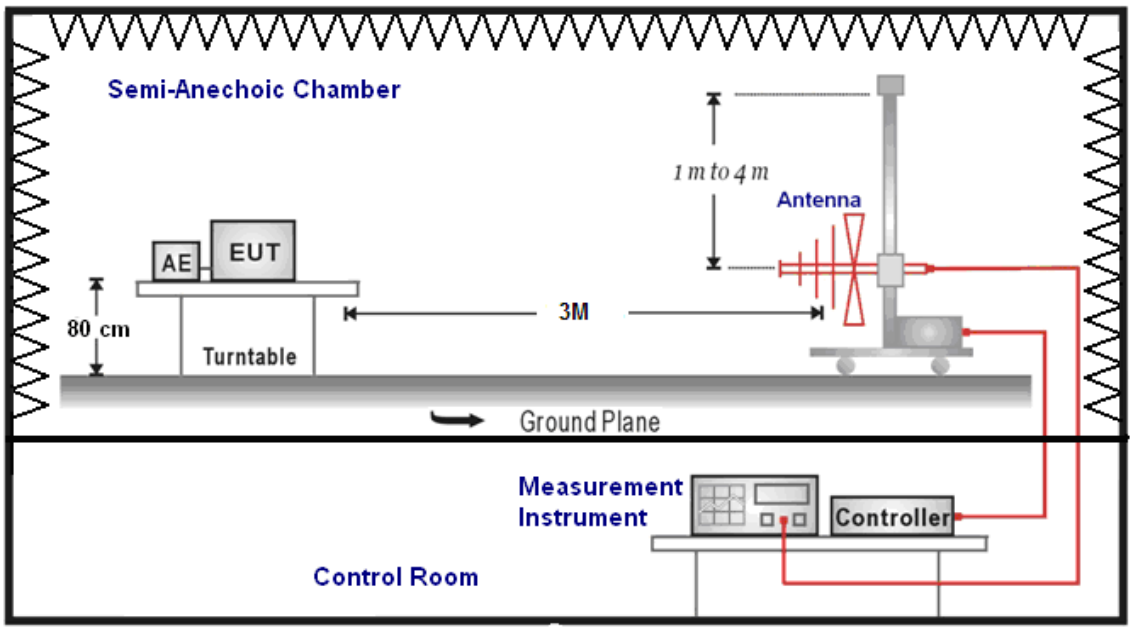
Note: 1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

■ **Setup**

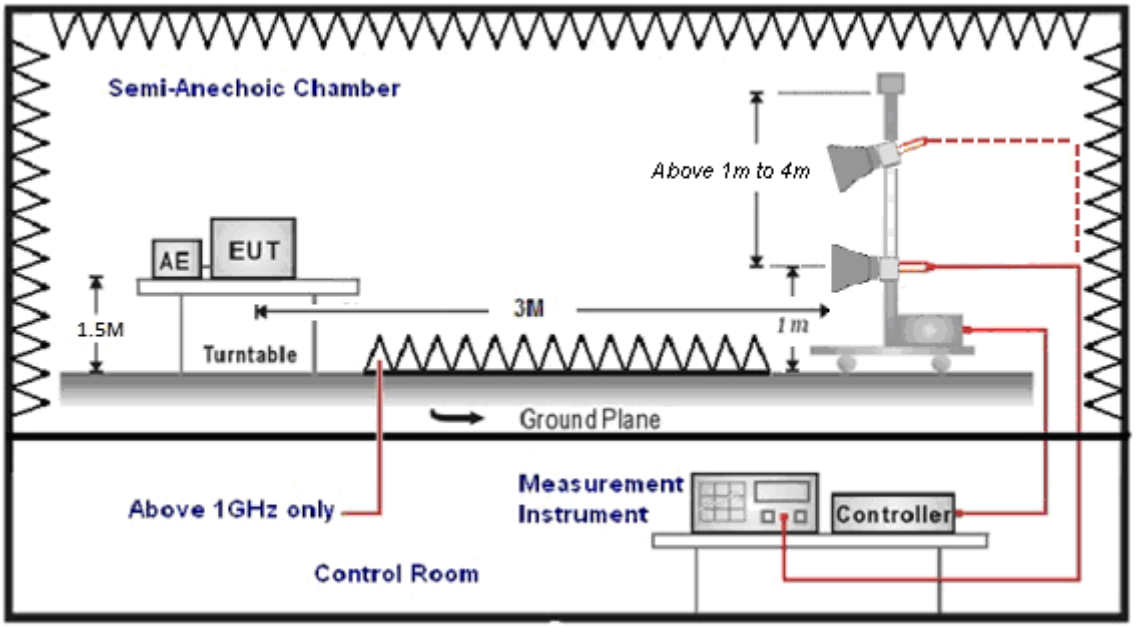
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz


Semi-Anechoic Chamber
Above 1m to 4m
AE
EUT
1.5M
3M
1 m
Turntable
Ground Plane
Above 1GHz only
Measurement
Instrument
Controller
Control Room

■ **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 tree 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 antnna 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 pre meter (uV/m).

The actual field intensity in decibels referenced to 1 microvolt in to field intensity in micro colts 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) 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) 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

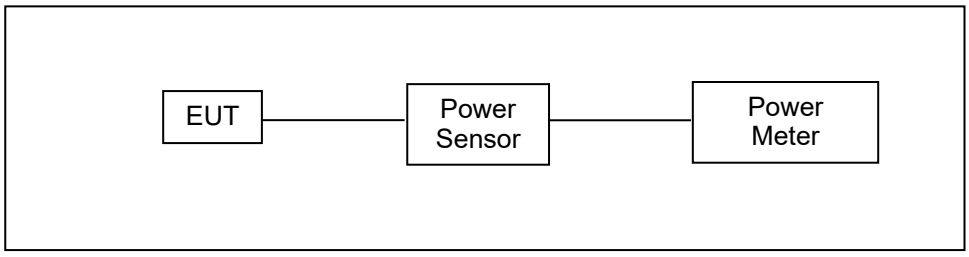
4.3. Maximum Conducted Output Power and Transmit power control Measurement

■ **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)

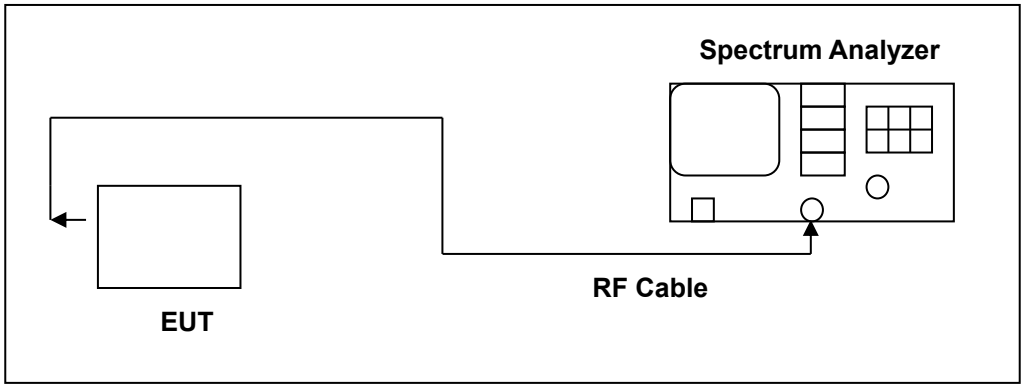
b) Method PM-G (Measurement using a gated RF average power meter)

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

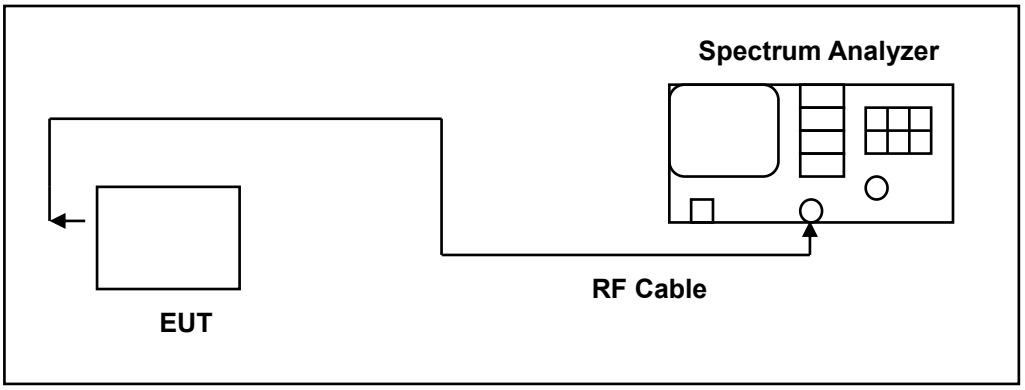
4.5. 6 dB RF Bandwidth Measurement

■ **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.

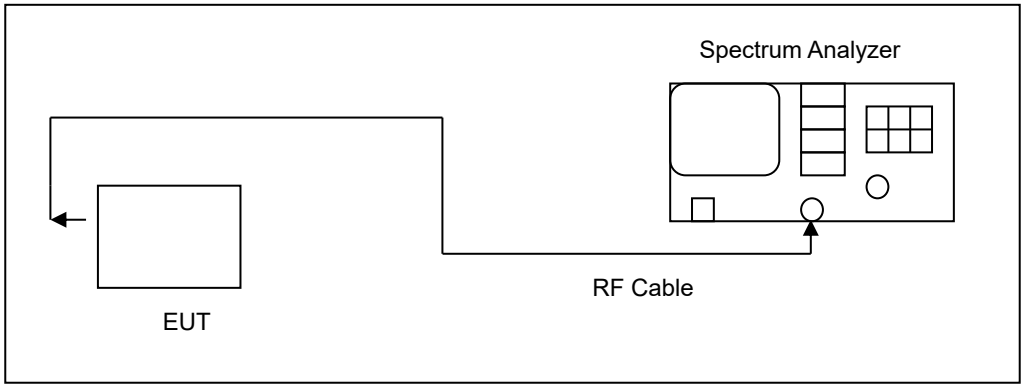
4.6. Maximum Power Spectral Density Measurement

■ **Limit**

Frequency Range (MHz)	FCC Limit
	Master
5.250 ~ 5.350 GHz	11 dBm/MHz
5.470 ~ 5.725 GHz	11 dBm/MHz

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 kHz/100 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**

Test mode	Band	Transmission Type	Antenna				Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
			Ant-0 (dBi)	Ant-1 (dBi)	Ant-2 (dBi)	Ant-3 (dBi)				
802.11a	Band II-A	CDD	4.54	4.61	4.15	4.25	4.61	10.41	0.00	4.41
	Band II-C		5.65	4.59	4.98	5.84	5.84	11.30	0.00	5.30
802.11n HT20/ 802.11n HT40/ 802.11ac VHT20/ 802.11ac VHT40/ 802.11ac VHT80	Band II-A	STBC	4.54	4.61	4.15	4.25	4.61	4.39	0.00	0.00
	Band II-C		5.65	4.59	4.98	5.84	5.84	5.29	0.00	0.00

If transmit signals are correlated, then Directional gain = 10 log[($10^{G1/20}$ + $10^{G2/20}$ + … + $10^{GN/20}$) 2 /NANT]
If all transmit signals are completely uncorrelated, then Directional gain = 10 log[($10^{G1/10}$ + $10^{G2/10}$ + ⋯ + $10^{GN/10}$)/NANT]

Beamforming on

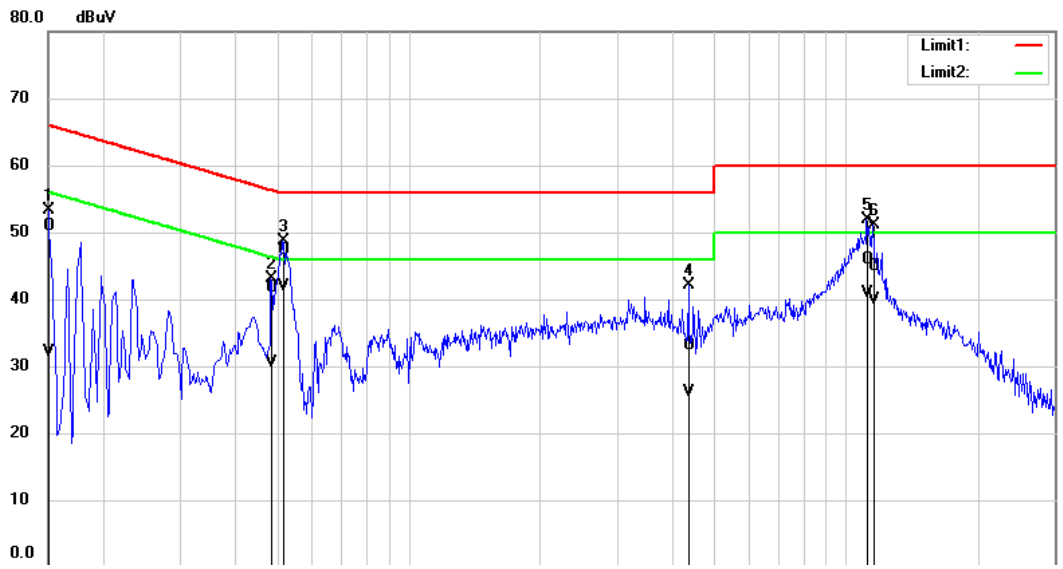
Test mode	Band	Transmission Type	Antenna				Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
			Ant-0 (dBi)	Ant-1 (dBi)	Ant-2 (dBi)	Ant-3 (dBi)				
802.11n HT20/ 802.11n HT40/ 802.11ac VHT20/ 802.11ac VHT40/ 802.11ac VHT80	Band II-A	MIMO	4.54	4.61	4.15	4.25	10.41	10.41	4.41	4.41
	Band II-C		5.65	4.59	4.98	5.84	11.30	11.30	5.30	5.30

If transmit signals are correlated, then Directional gain = 10 log[($10^{G1/20}$ + $10^{G2/20}$ + ⋯ + $10^{GN/20}$) 2 /NANT]
If all transmit signals are completely uncorrelated, then Directional gain = 10 log[($10^{G1/10}$ + $10^{G2/10}$ + ⋯ + $10^{GN/10}$)/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:			

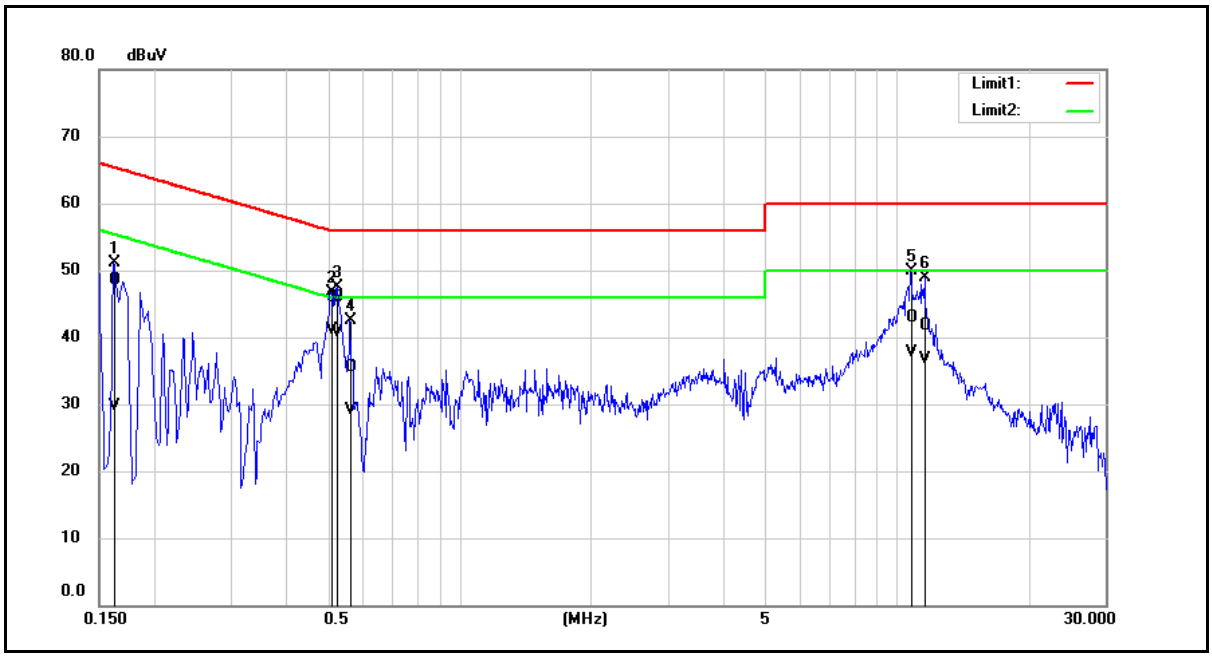


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1500	41.32	22.56	9.59	50.91	32.15	66.00	56.00	-15.09	-23.85	Pass
2	0.4860	32.03	20.90	9.60	41.63	30.50	56.24	46.24	-14.61	-15.74	Pass
3	0.5180	37.70	32.31	9.60	47.30	41.91	56.00	46.00	-8.70	-4.09	Pass
4	4.3820	23.36	16.34	9.73	33.09	26.07	56.00	46.00	-22.91	-19.93	Pass
5	11.1620	36.12	31.06	9.86	45.98	40.92	60.00	50.00	-14.02	-9.08	Pass
6	11.5500	35.03	30.01	9.87	44.90	39.88	60.00	50.00	-15.10	-10.12	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:			



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	0.1620	38.89	20.08	9.58	48.47	29.66	65.36	55.36	-16.89	-25.70	Pass
2	0.5100	36.32	31.61	9.59	45.91	41.20	56.00	46.00	-10.09	-4.80	Pass
3	0.5260	36.37	31.18	9.59	45.96	40.77	56.00	46.00	-10.04	-5.23	Pass
4	0.5620	25.83	19.46	9.59	35.42	29.05	56.00	46.00	-20.58	-16.95	Pass
5	10.7500	32.94	27.79	9.90	42.84	37.69	60.00	50.00	-17.16	-12.31	Pass
6	11.5620	31.78	26.72	9.92	41.70	36.64	60.00	50.00	-18.30	-13.36	Pass

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

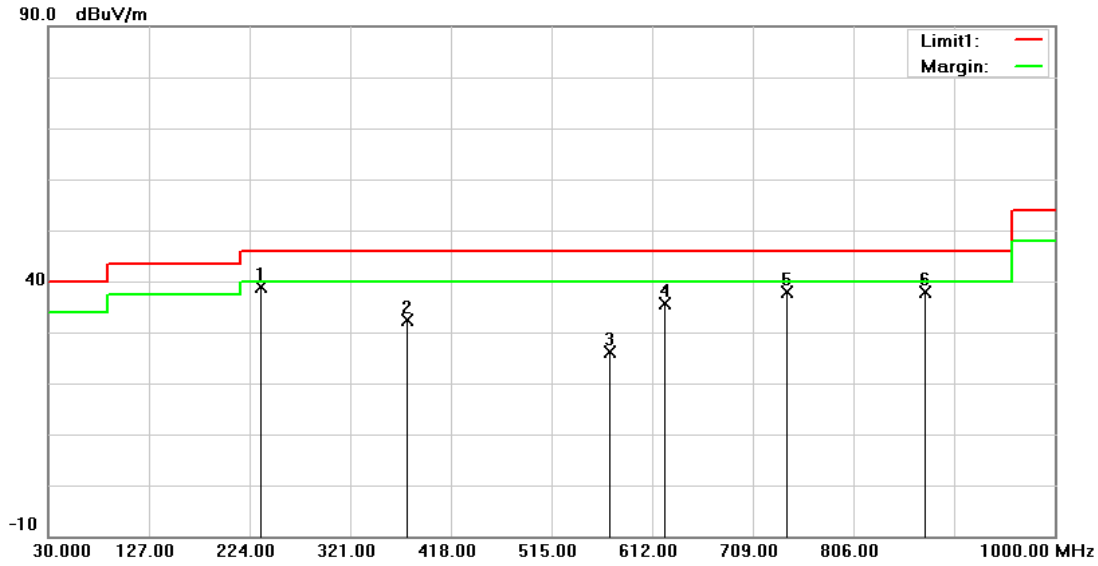
2. Correction factor (dB) = Cable loss (dB) + L.I.S.N. factor (dB).

5.2. Radiated Emission Measurement

QCA9884-5G

Below 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Radiated Emission		
Mode:	Transmit mode		
Ant.Polar.:	Horizontal		



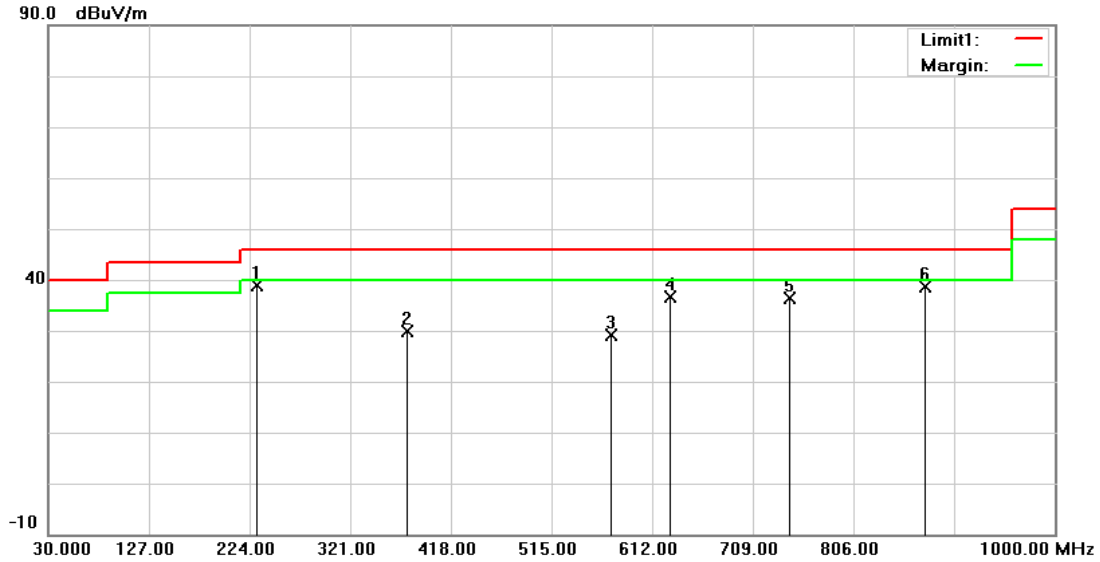
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	234.6700	51.01	-12.15	38.86	46.00	-7.14	QP
2	375.3200	39.31	-6.84	32.47	46.00	-13.53	QP
3	571.2600	29.04	-2.90	26.14	46.00	-19.86	QP
4	624.6100	36.69	-1.06	35.63	46.00	-10.37	QP
5	741.9800	36.92	0.96	37.88	46.00	-8.12	QP
6	874.8700	35.88	1.97	37.85	46.00	-8.15	QP

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Radiated Emission		
Mode:	Transmit mode		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	230.7900	51.60	-12.83	38.77	46.00	-7.23	QP
2	375.3200	36.81	-6.84	29.97	46.00	-16.03	QP
3	572.2300	32.08	-2.85	29.23	46.00	-16.77	QP
4	629.4600	37.68	-1.06	36.62	46.00	-9.38	QP
5	743.9200	35.49	1.00	36.49	46.00	-9.51	QP
6	874.8700	36.58	1.97	38.55	46.00	-7.45	QP

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

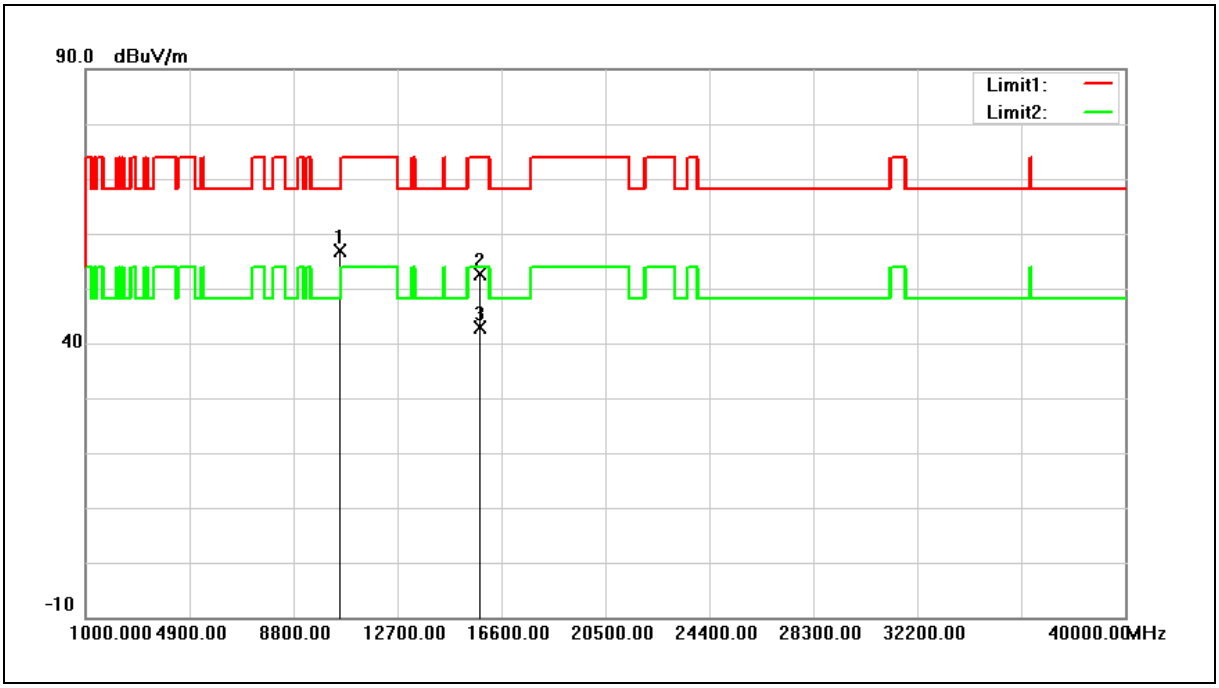
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Harmonic

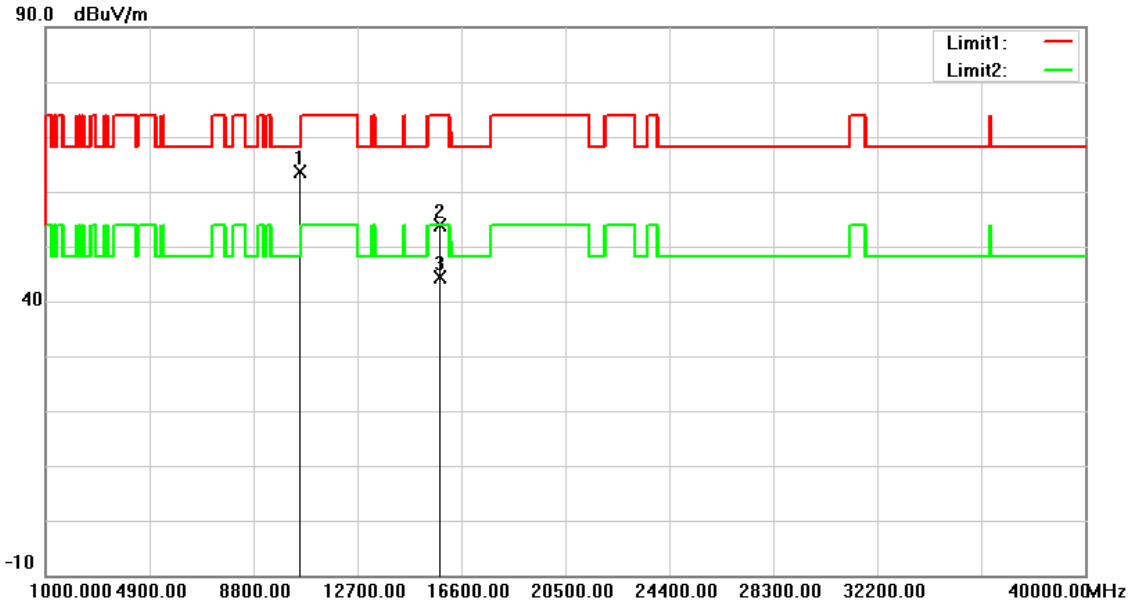
Above 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



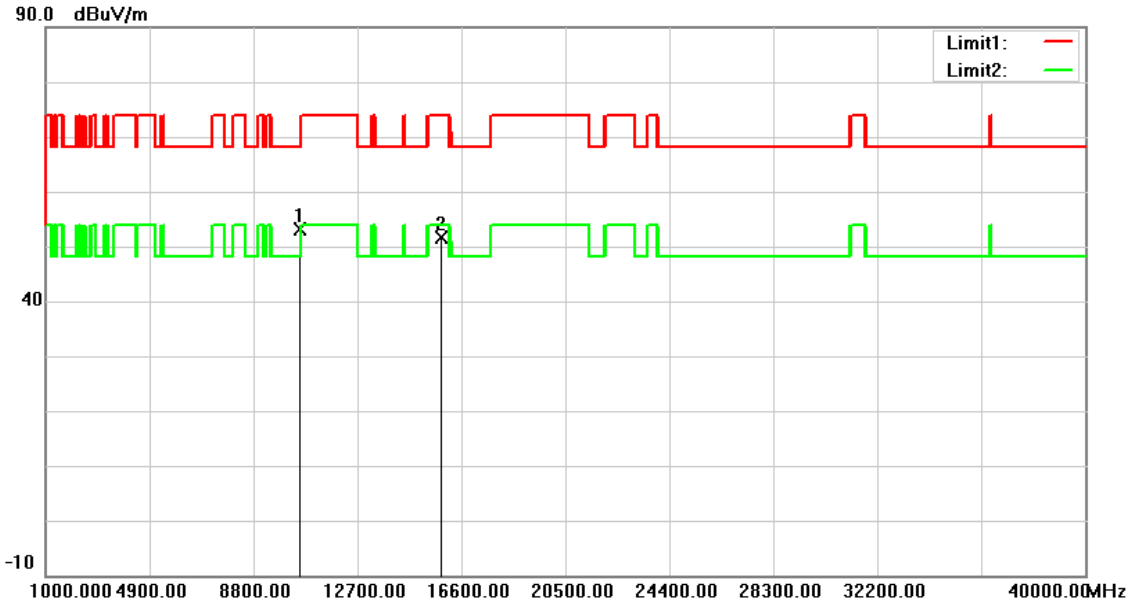
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	38.29	18.71	57.00	68.20	-11.20	peak
2	15780.000	71.30	-18.75	52.55	74.00	-21.45	peak
3	15780.000	61.54	-18.75	42.79	54.00	-11.21	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



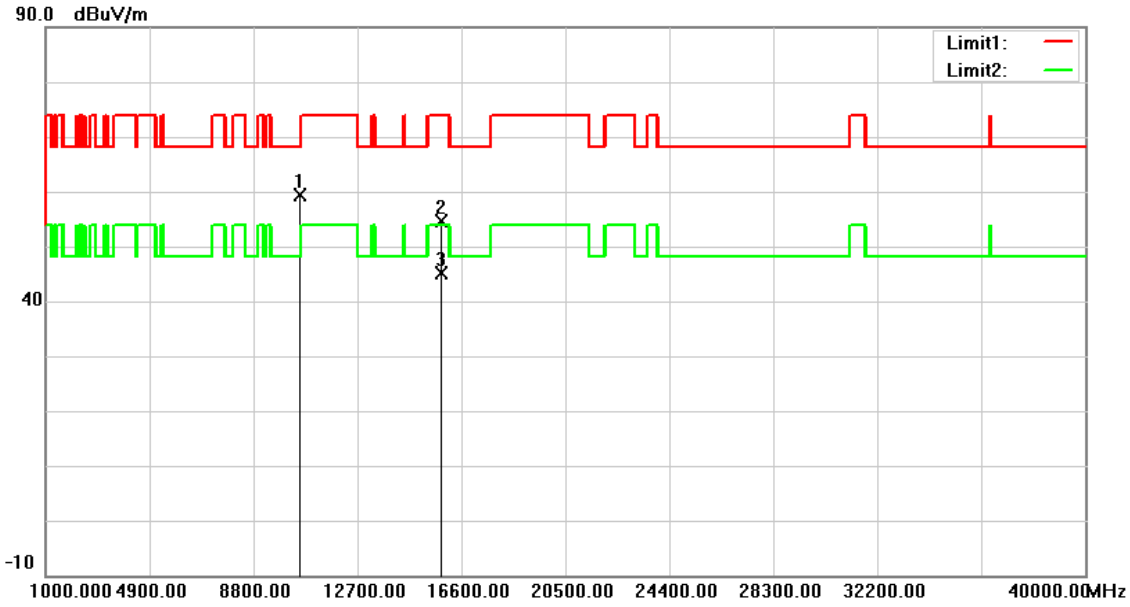
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	44.81	18.71	63.52	68.20	-4.68	peak
2	15780.000	72.65	-18.75	53.90	74.00	-20.10	peak
3	15780.000	63.13	-18.75	44.38	54.00	-9.62	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5280 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



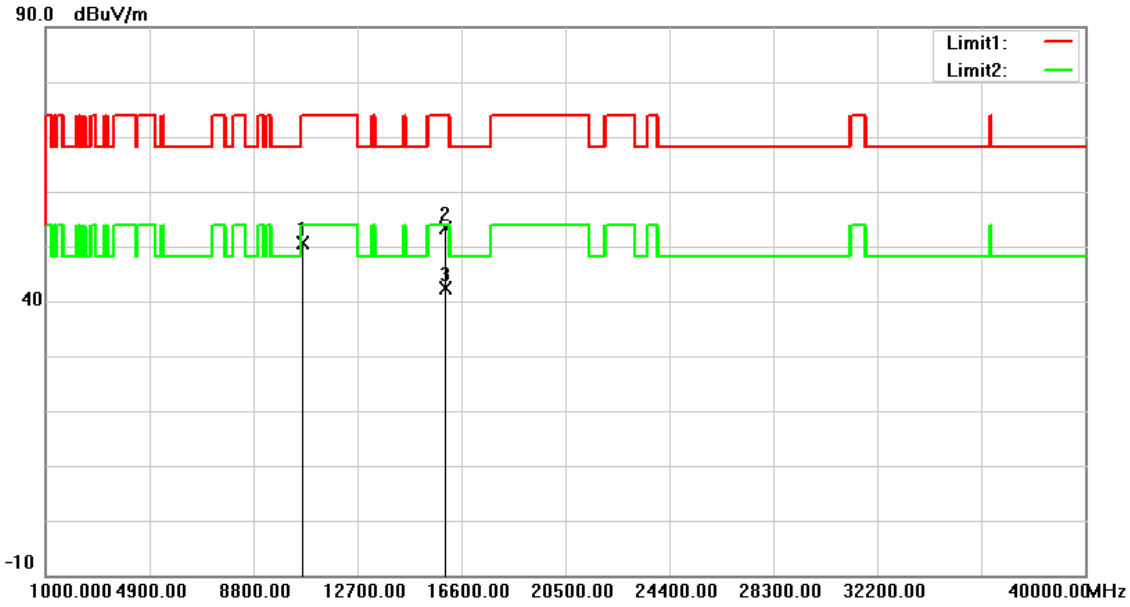
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	34.52	18.71	53.23	68.20	-14.97	peak
2	15840.000	70.42	-18.89	51.53	74.00	-22.47	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5280 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



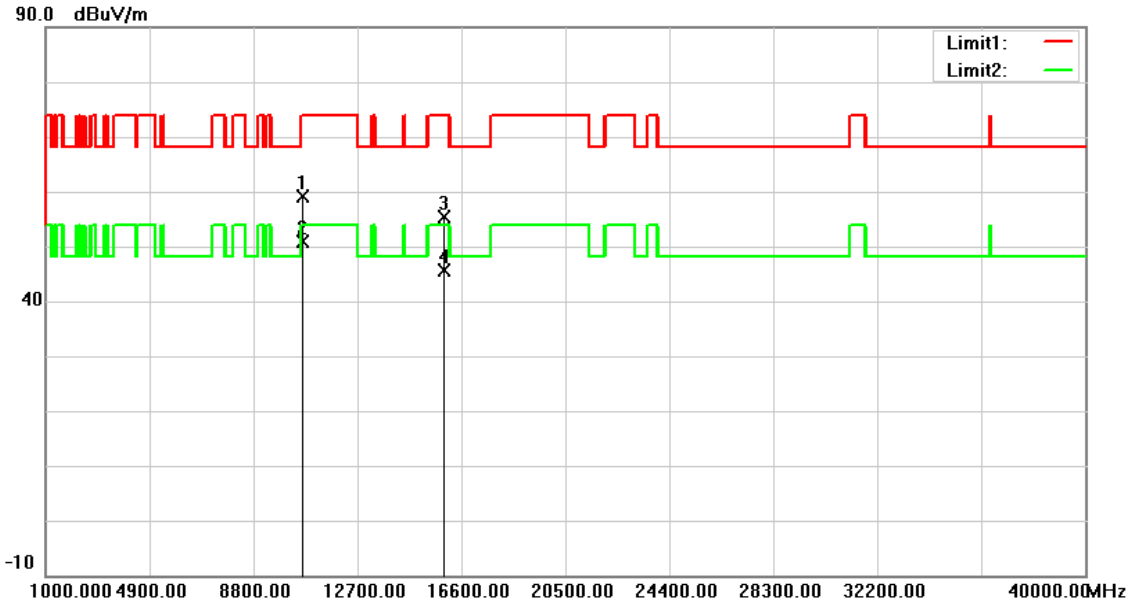
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	40.68	18.71	59.39	68.20	-8.81	peak
2	15840.000	73.63	-18.89	54.74	74.00	-19.26	peak
3	15840.000	63.97	-18.89	45.08	54.00	-8.92	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5320 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



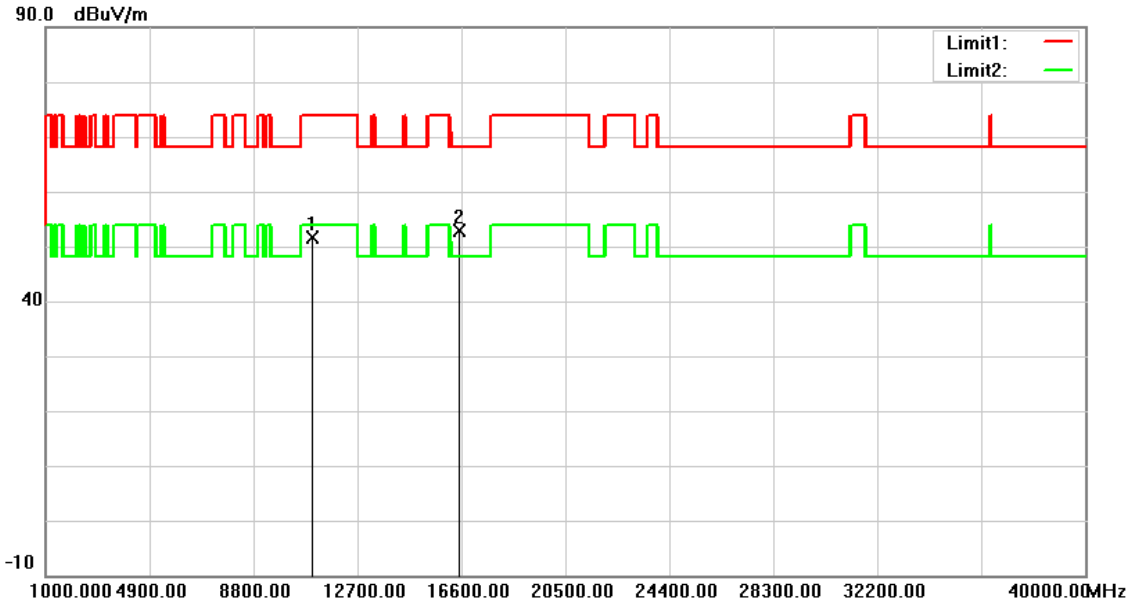
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	31.77	18.79	50.56	74.00	-23.44	peak
2	15960.000	72.50	-19.18	53.32	74.00	-20.68	peak
3	15960.000	61.46	-19.18	42.28	54.00	-11.72	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5320 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



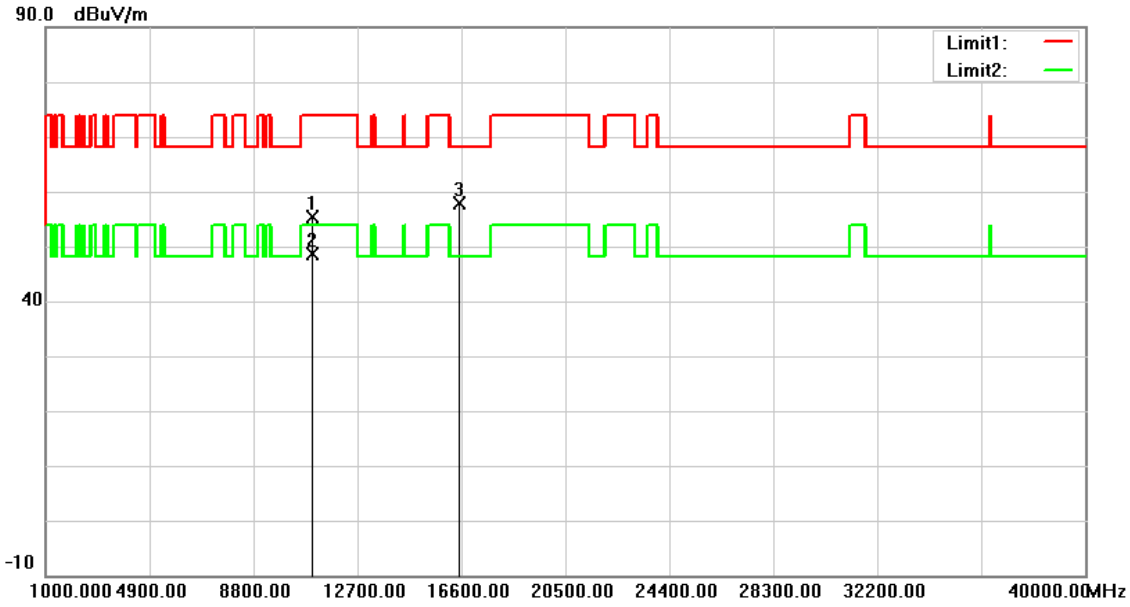
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	40.25	18.79	59.04	74.00	-14.96	peak
2	10640.000	32.18	18.79	50.97	54.00	-3.03	AVG
3	15960.000	74.53	-19.18	55.35	74.00	-18.65	peak
4	15960.000	64.88	-19.18	45.70	54.00	-8.30	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5500 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



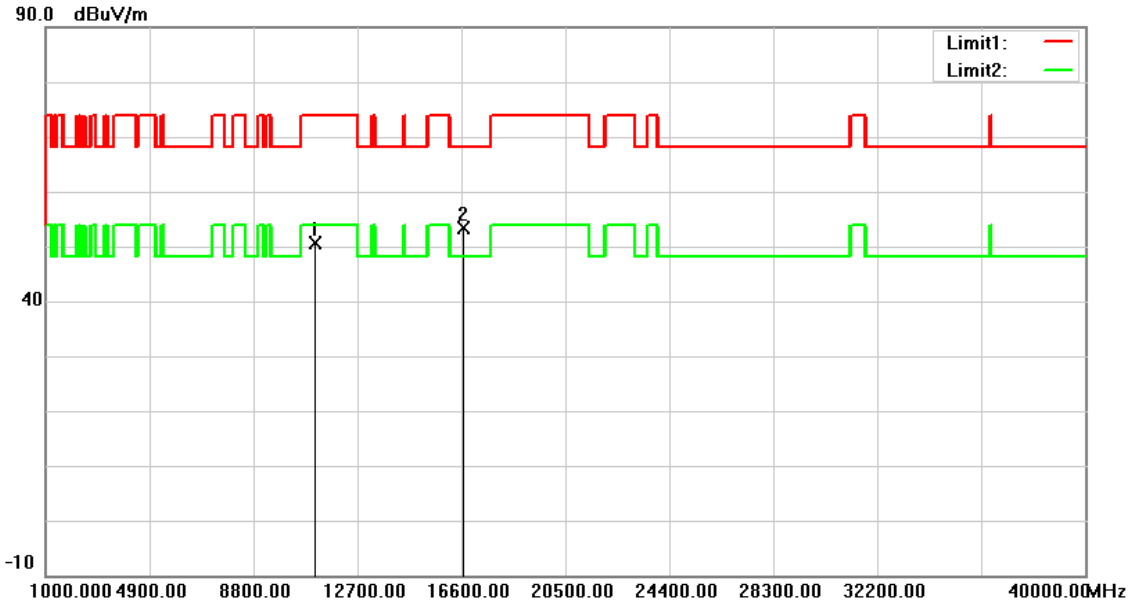
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	31.94	19.61	51.55	74.00	-22.45	peak
2	16500.000	70.87	-17.99	52.88	68.20	-15.32	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5500 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



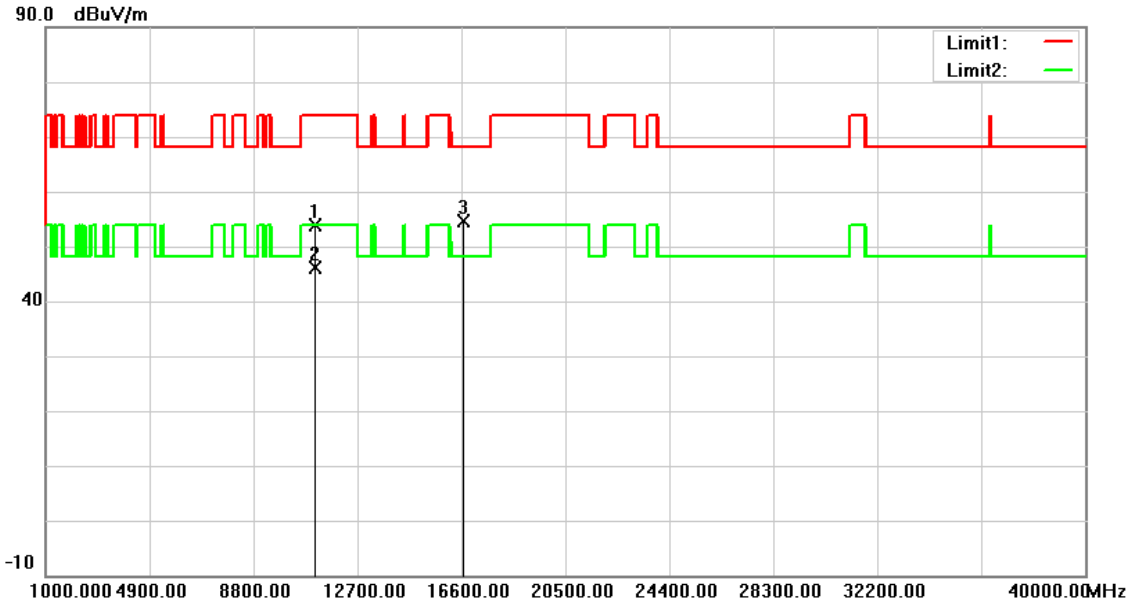
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	35.75	19.61	55.36	74.00	-18.64	peak
2	11000.000	28.92	19.61	48.53	54.00	-5.47	AVG
3	16500.000	75.83	-17.99	57.84	68.20	-10.36	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5560 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



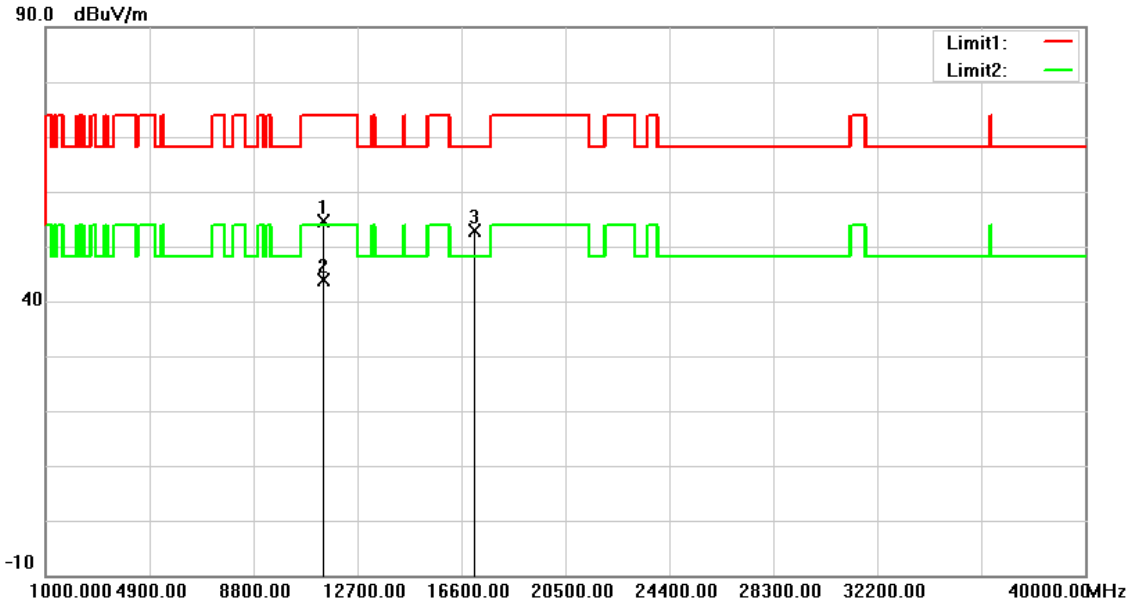
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	30.87	19.64	50.51	74.00	-23.49	peak
2	16680.000	70.91	-17.50	53.41	68.20	-14.79	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5560 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



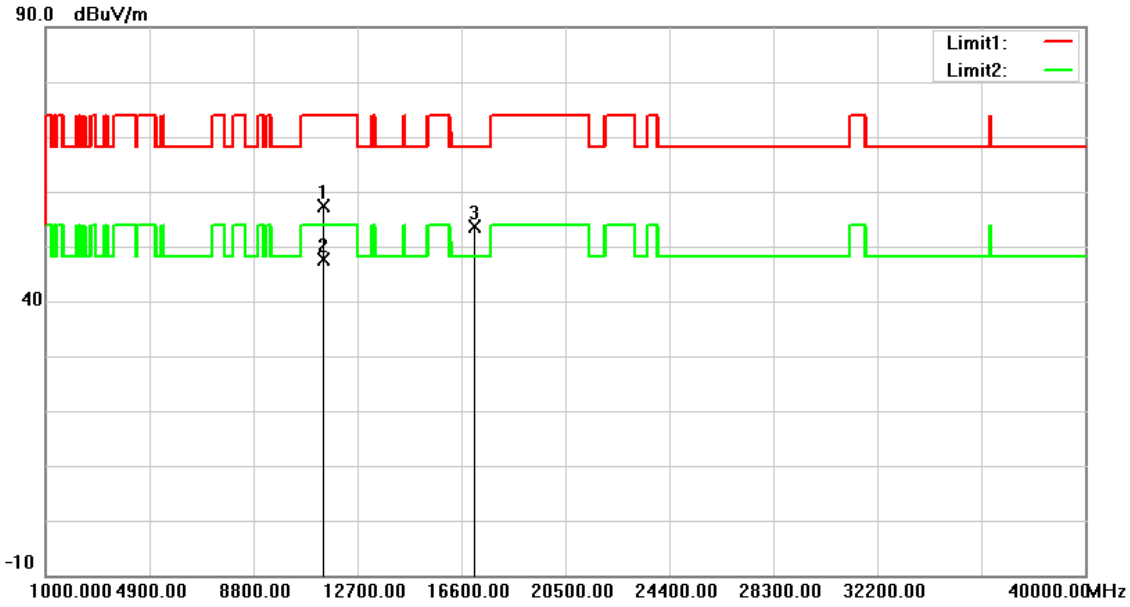
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	34.33	19.64	53.97	74.00	-20.03	peak
2	11120.000	26.47	19.64	46.11	54.00	-7.89	AVG
3	16680.000	72.23	-17.50	54.73	68.20	-13.47	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5700 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



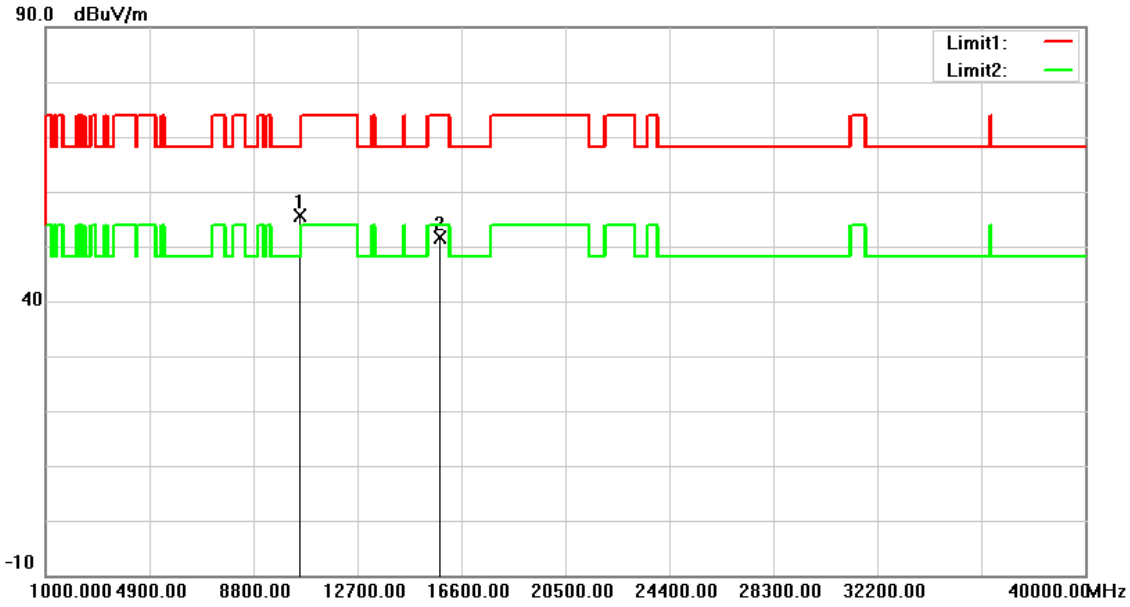
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	34.62	20.12	54.74	74.00	-19.26	peak
2	11400.000	23.80	20.12	43.92	54.00	-10.08	AVG
3	17100.000	69.31	-16.55	52.76	68.20	-15.44	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5700 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



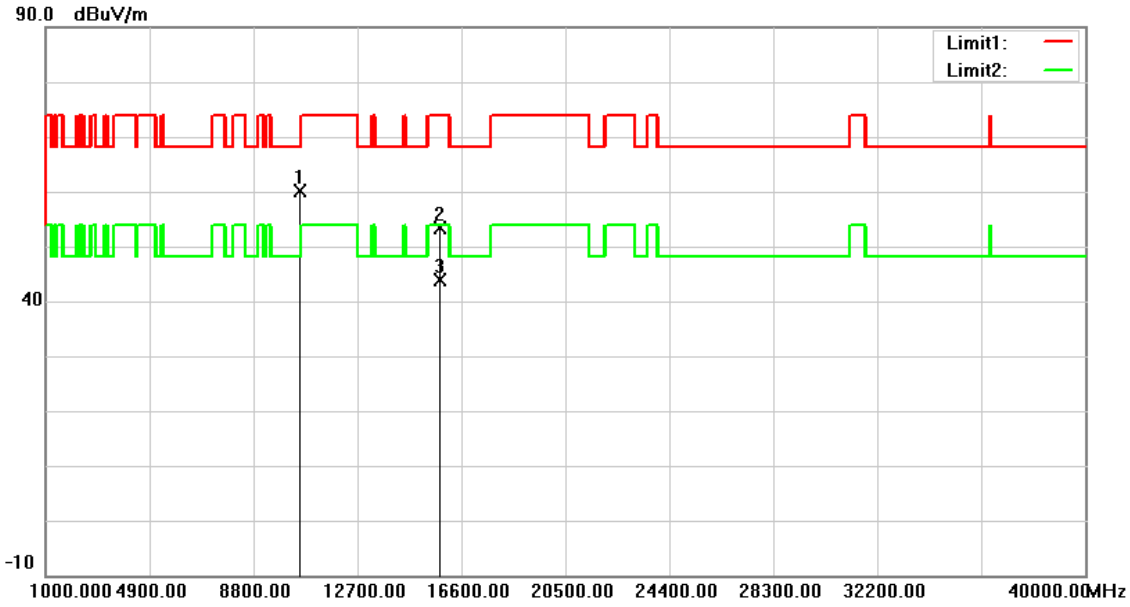
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	37.37	20.12	57.49	74.00	-16.51	peak
2	11400.000	27.51	20.12	47.63	54.00	-6.37	AVG
3	17100.000	70.24	-16.55	53.69	68.20	-14.51	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



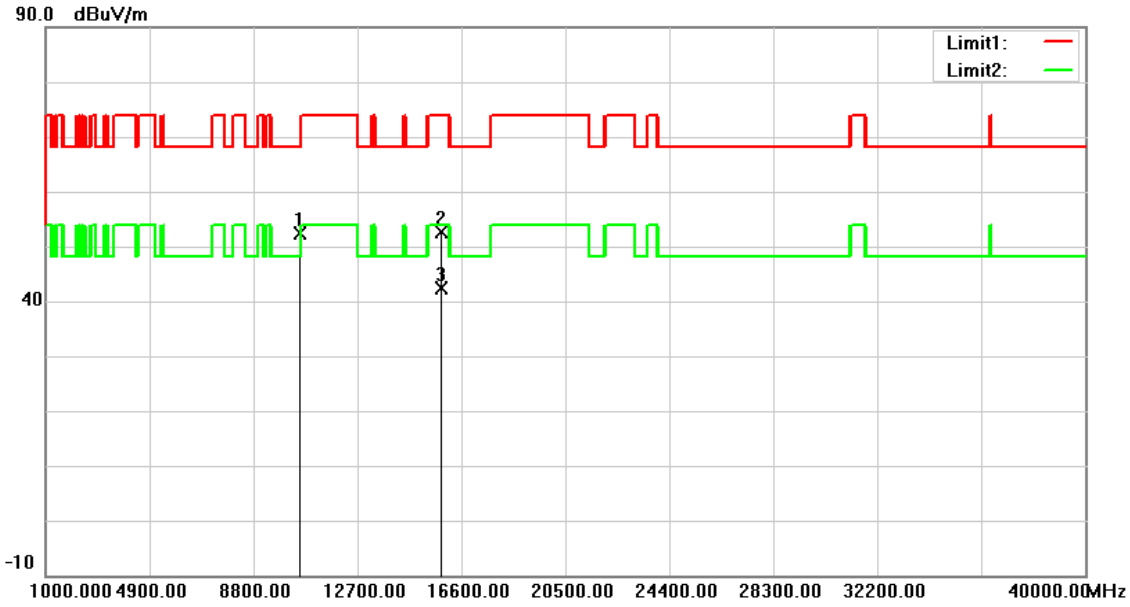
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	36.86	18.71	55.57	68.20	-12.63	peak
2	15780.000	70.35	-18.75	51.60	74.00	-22.40	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



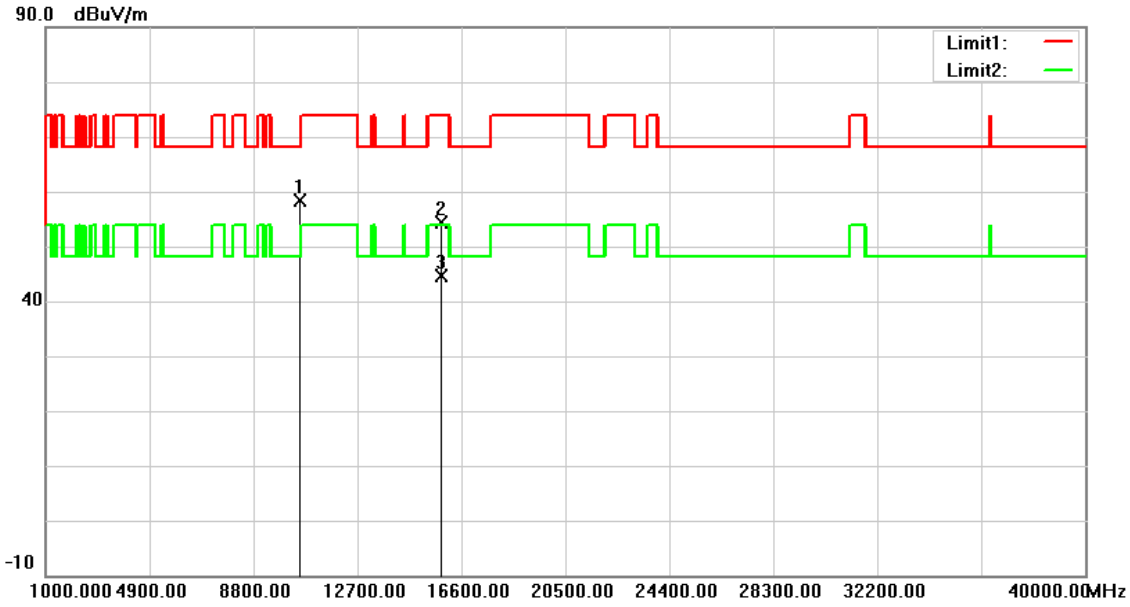
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	41.54	18.71	60.25	68.20	-7.95	peak
2	15780.000	72.18	-18.75	53.43	74.00	-20.57	peak
3	15780.000	62.73	-18.75	43.98	54.00	-10.02	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5280 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



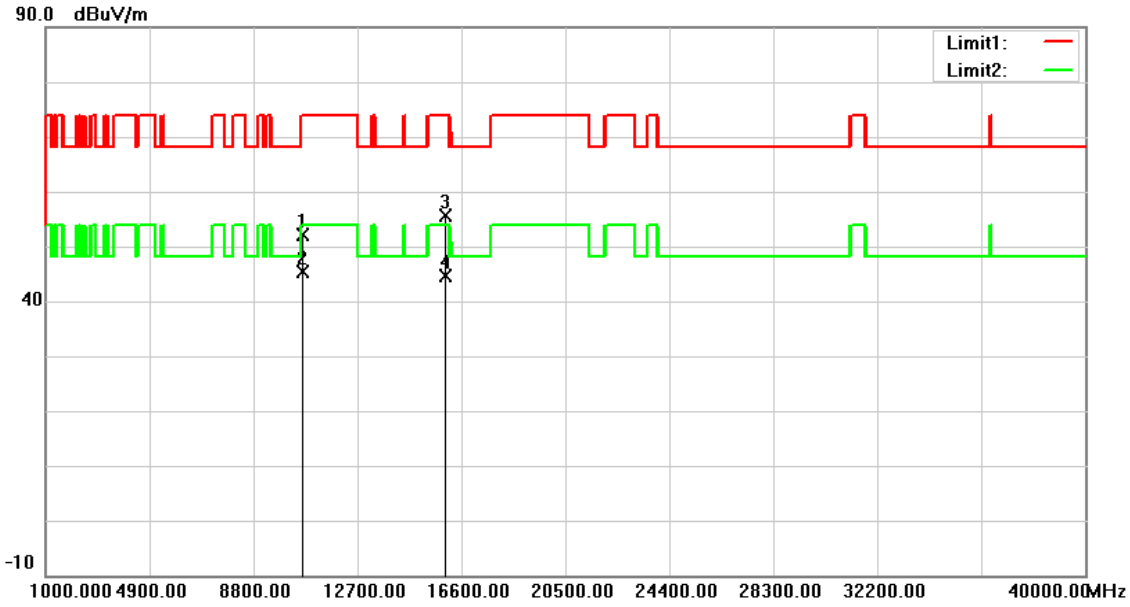
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	33.60	18.71	52.31	68.20	-15.89	peak
2	15840.000	71.44	-18.89	52.55	74.00	-21.45	peak
3	15840.000	61.34	-18.89	42.45	54.00	-11.55	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5280 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



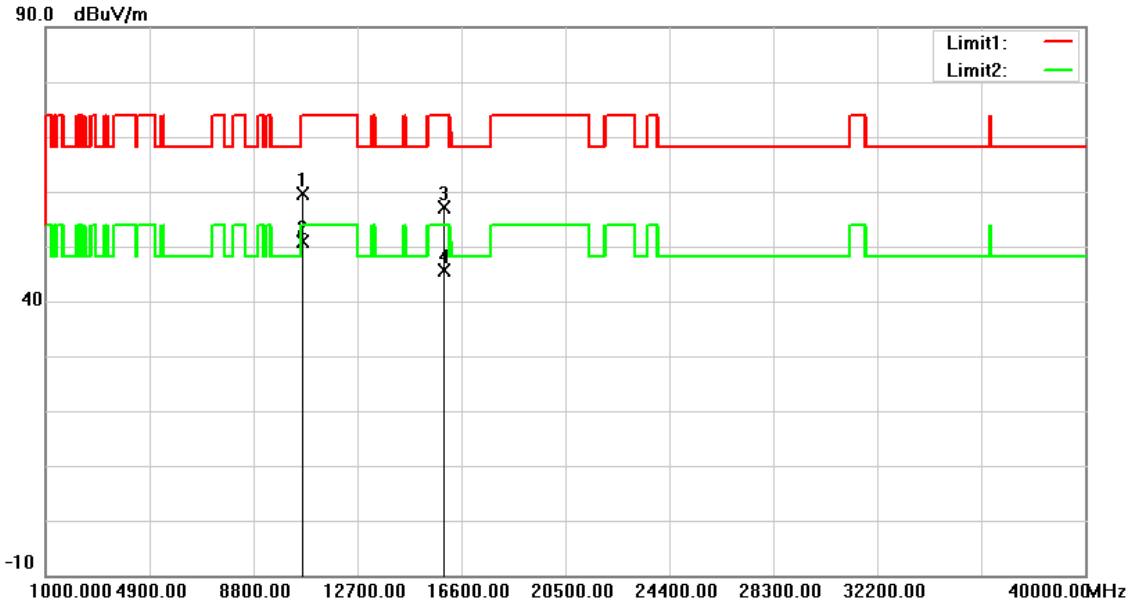
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	39.69	18.71	58.40	68.20	-9.80	peak
2	15840.000	73.16	-18.89	54.27	74.00	-19.73	peak
3	15840.000	63.57	-18.89	44.68	54.00	-9.32	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5320 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



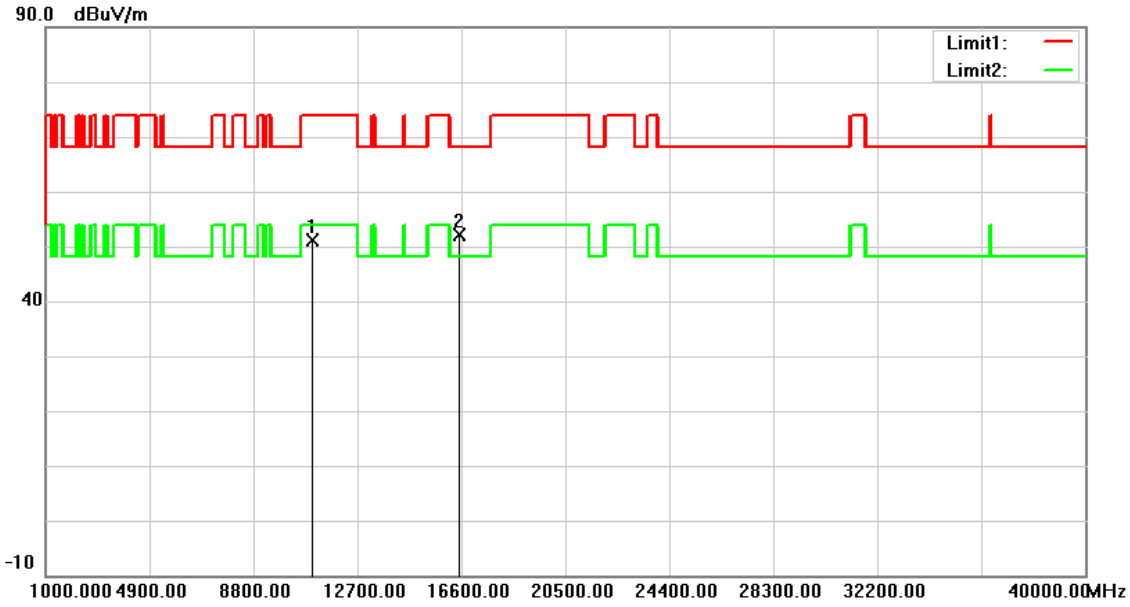
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	33.40	18.79	52.19	74.00	-21.81	peak
2	10640.000	26.58	18.79	45.37	54.00	-8.63	AVG
3	15960.000	74.82	-19.18	55.64	74.00	-18.36	peak
4	15960.000	63.69	-19.18	44.51	54.00	-9.49	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5320 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



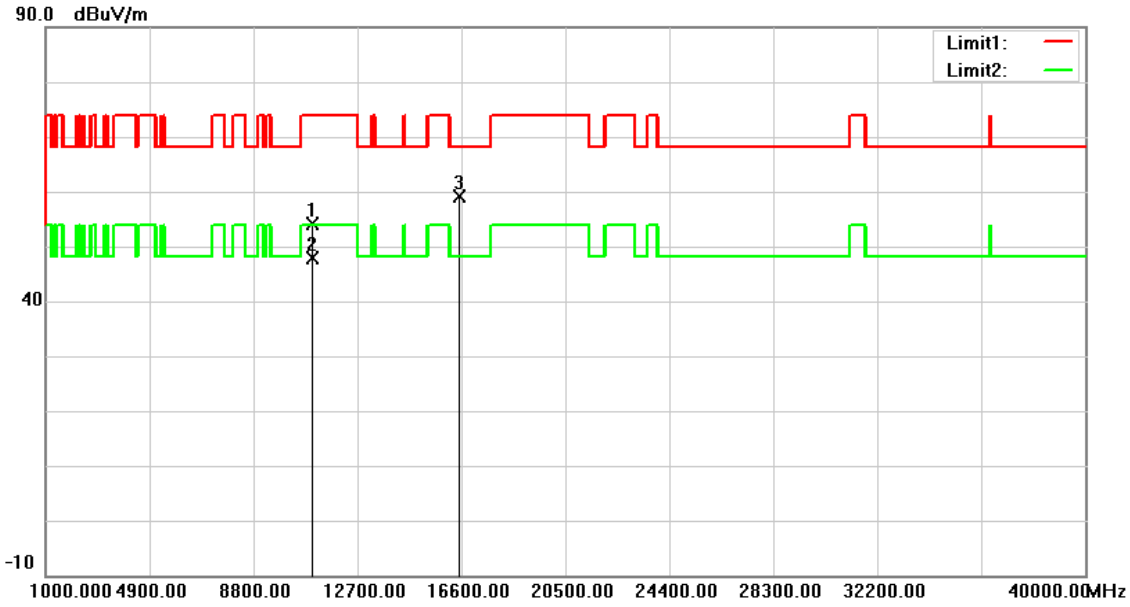
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	40.84	18.79	59.63	74.00	-14.37	peak
2	10640.000	32.12	18.79	50.91	54.00	-3.09	AVG
3	15960.000	76.33	-19.18	57.15	74.00	-16.85	peak
4	15960.000	64.82	-19.18	45.64	54.00	-8.36	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5500 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



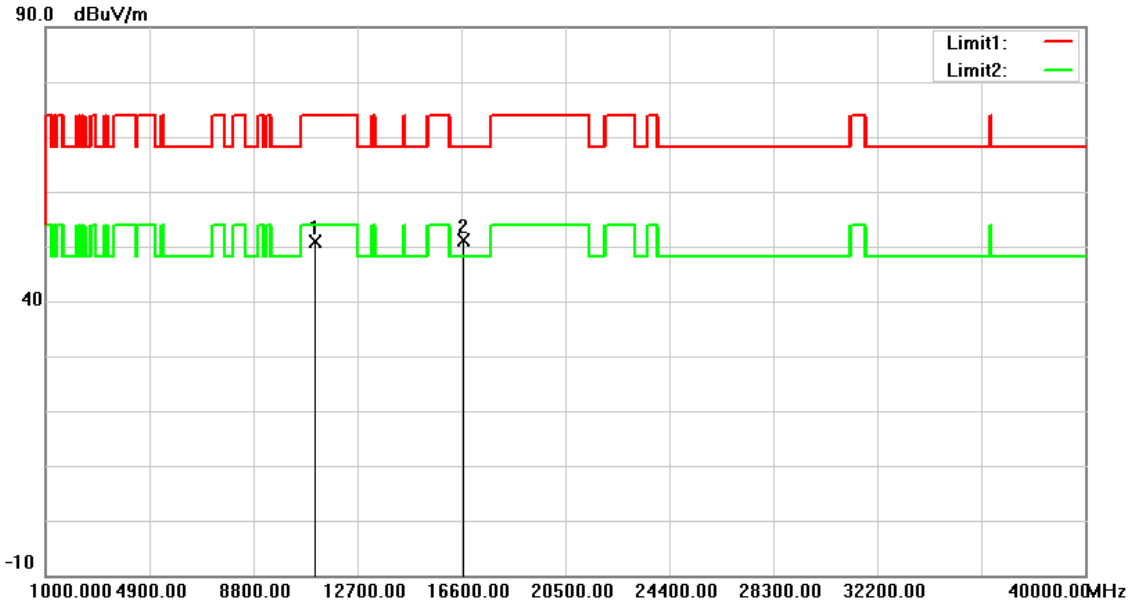
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	31.54	19.61	51.15	74.00	-22.85	peak
2	16500.000	70.23	-17.99	52.24	68.20	-15.96	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5500 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



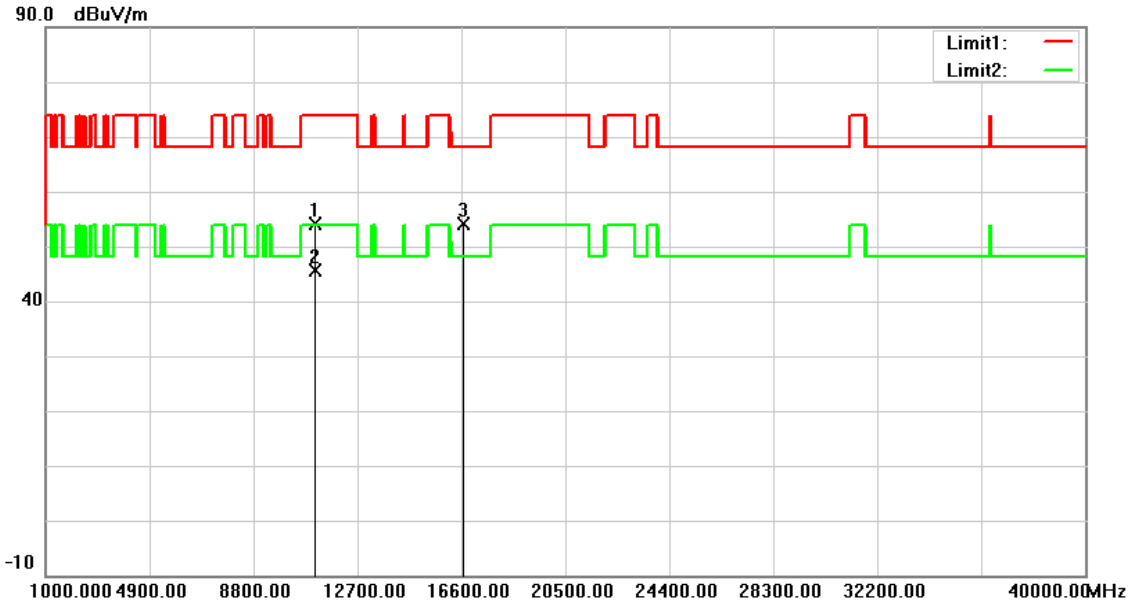
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	34.55	19.61	54.16	74.00	-19.84	peak
2	11000.000	28.23	19.61	47.84	54.00	-6.16	AVG
3	16500.000	77.14	-17.99	59.15	68.20	-9.05	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5560 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



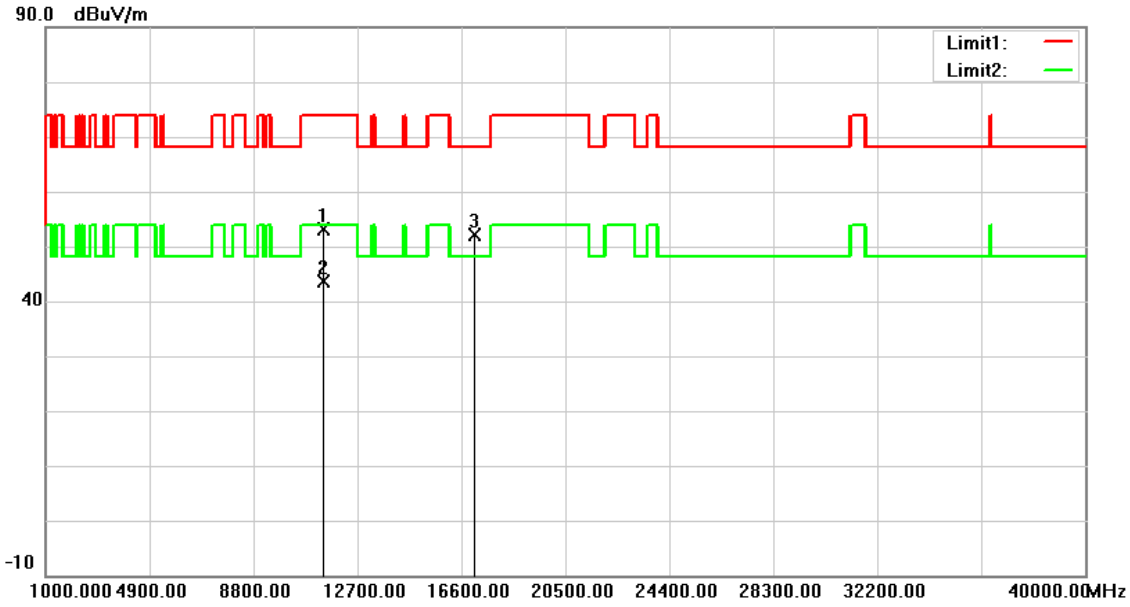
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	31.34	19.64	50.98	74.00	-23.02	peak
2	16680.000	68.54	-17.50	51.04	68.20	-17.16	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5560 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



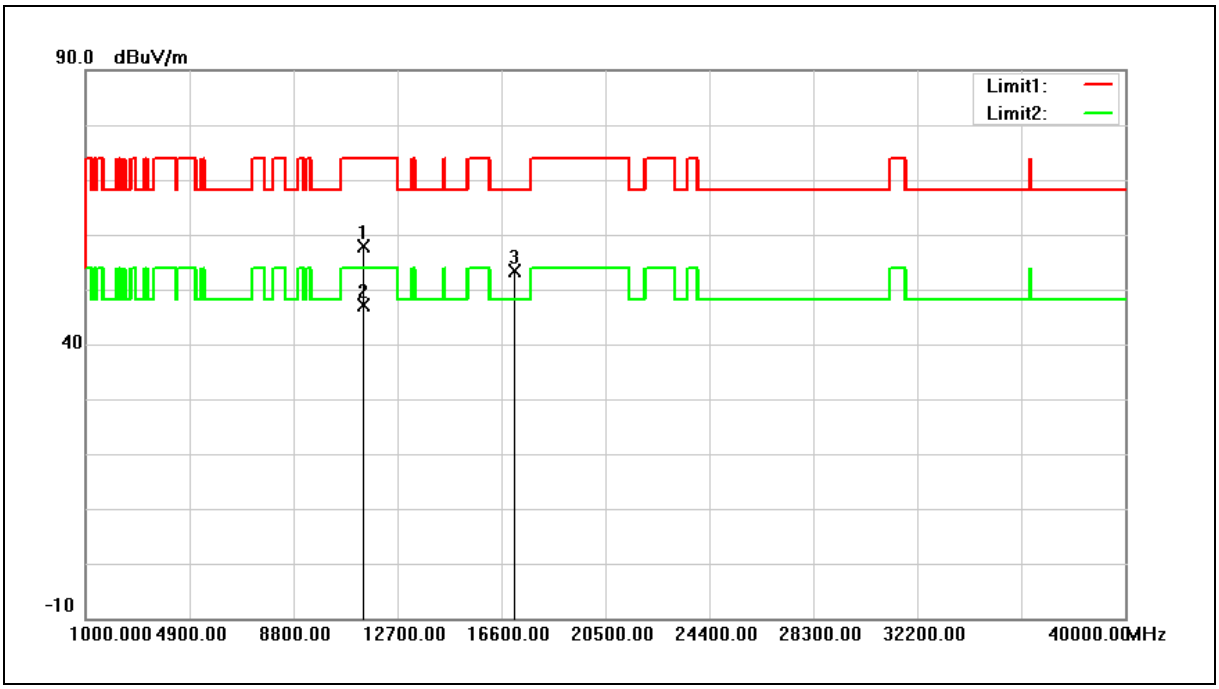
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	34.57	19.64	54.21	74.00	-19.79	peak
2	11120.000	26.03	19.64	45.67	54.00	-8.33	AVG
3	16680.000	71.68	-17.50	54.18	68.20	-14.02	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5700 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



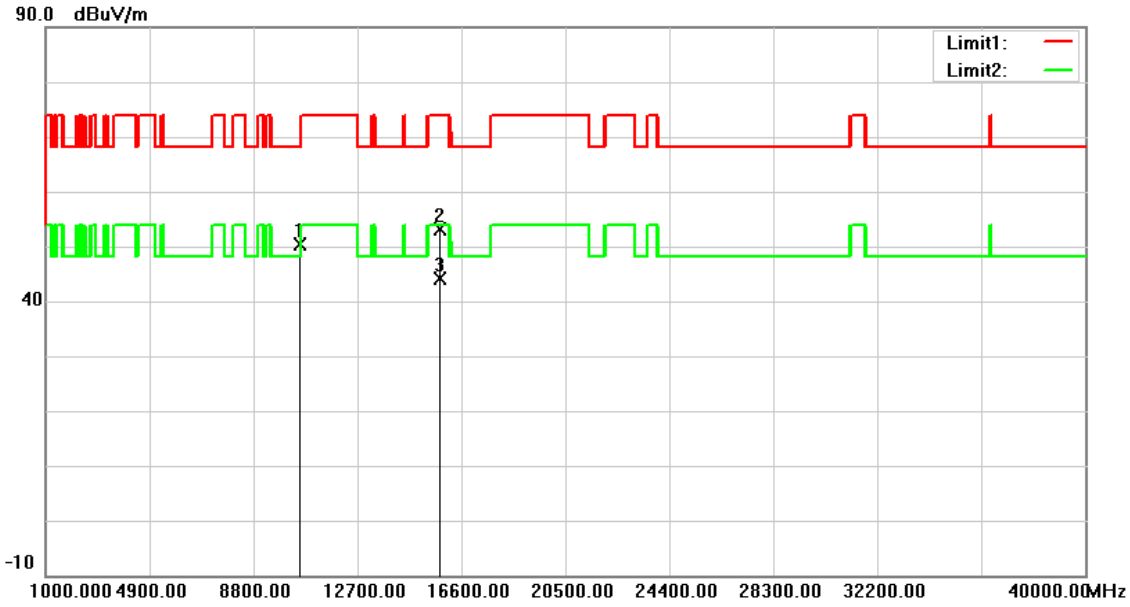
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	33.06	20.12	53.18	74.00	-20.82	peak
2	11400.000	23.47	20.12	43.59	54.00	-10.41	AVG
3	17100.000	68.75	-16.55	52.20	68.20	-16.00	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5700 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



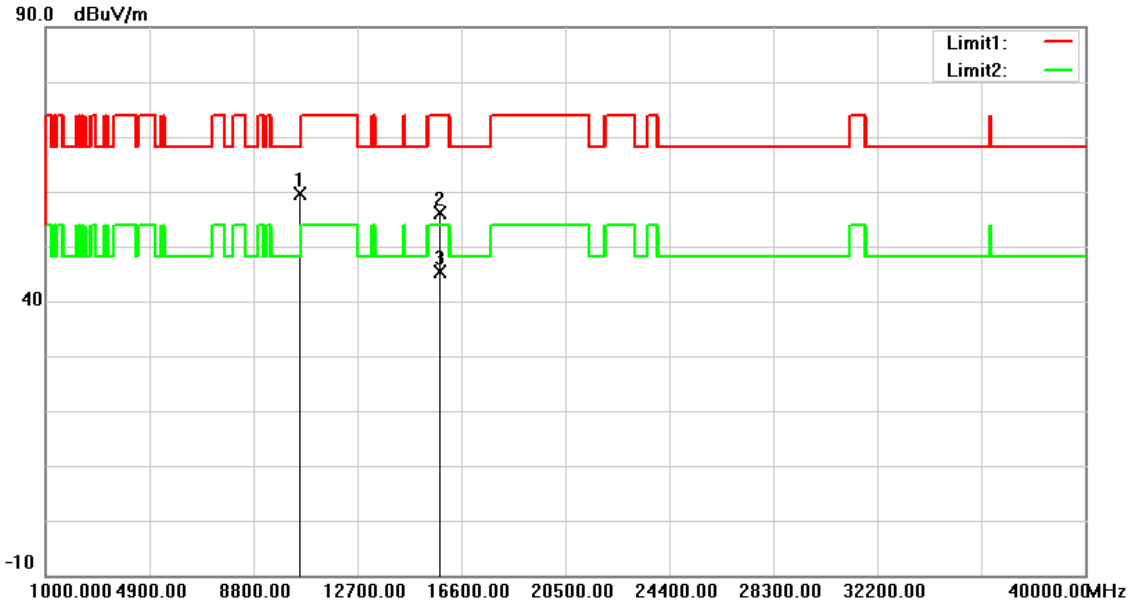
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	37.85	20.12	57.97	74.00	-16.03	peak
2	11400.000	27.04	20.12	47.16	54.00	-6.84	AVG
3	17100.000	70.04	-16.55	53.49	68.20	-14.71	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



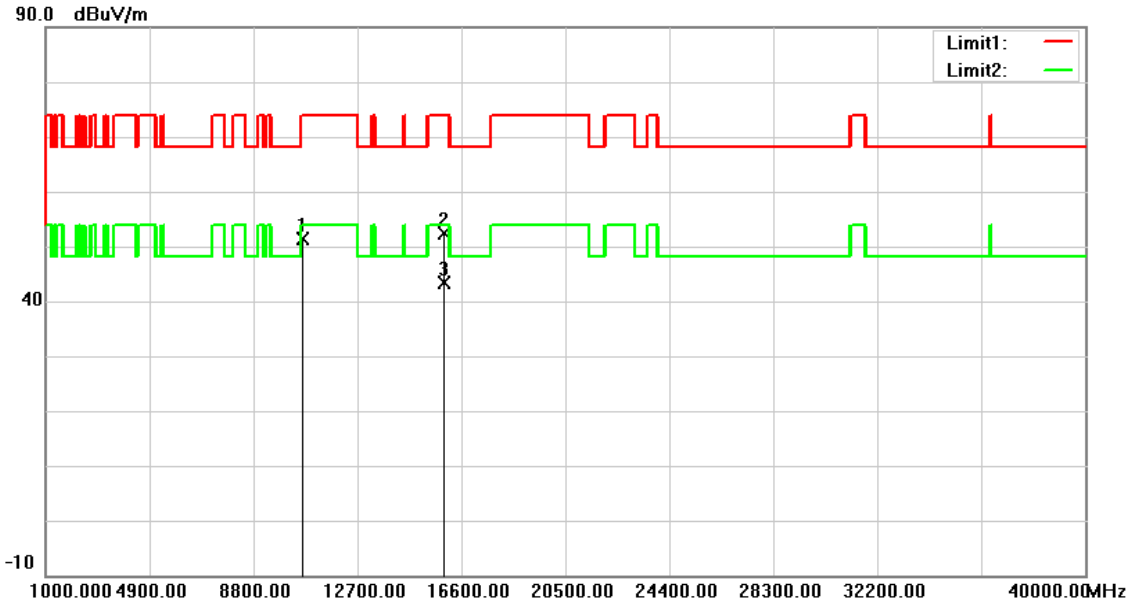
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	31.77	18.71	50.48	68.20	-17.72	peak
2	15810.000	72.06	-18.82	53.24	74.00	-20.76	peak
3	15810.000	62.97	-18.82	44.15	54.00	-9.85	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



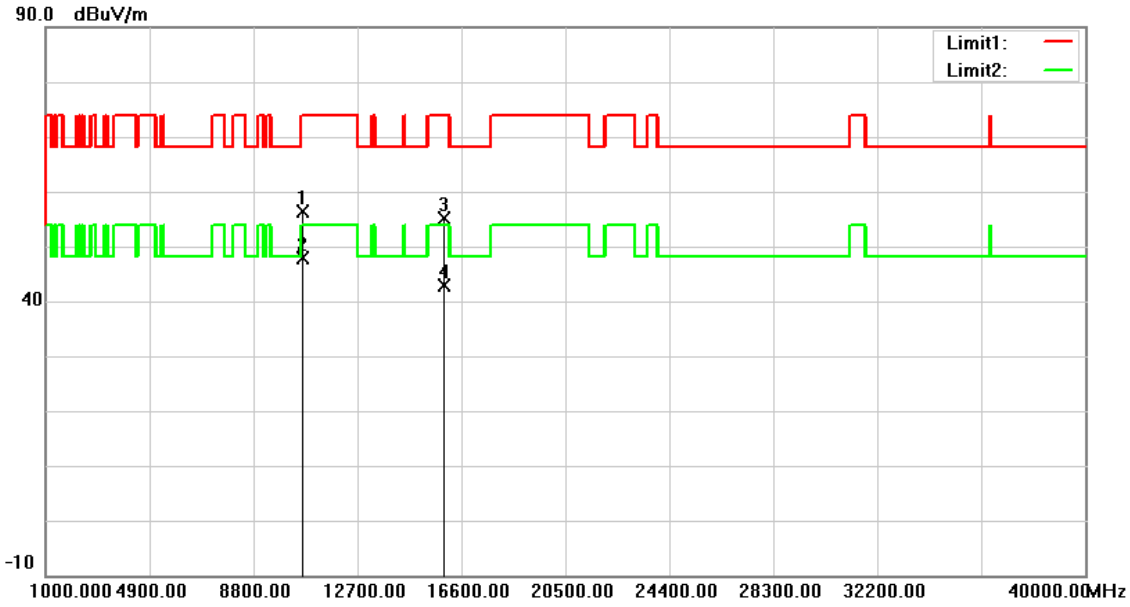
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	40.95	18.71	59.66	68.20	-8.54	peak
2	15810.000	74.85	-18.82	56.03	74.00	-17.97	peak
3	15810.000	64.26	-18.82	45.44	54.00	-8.56	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5310 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



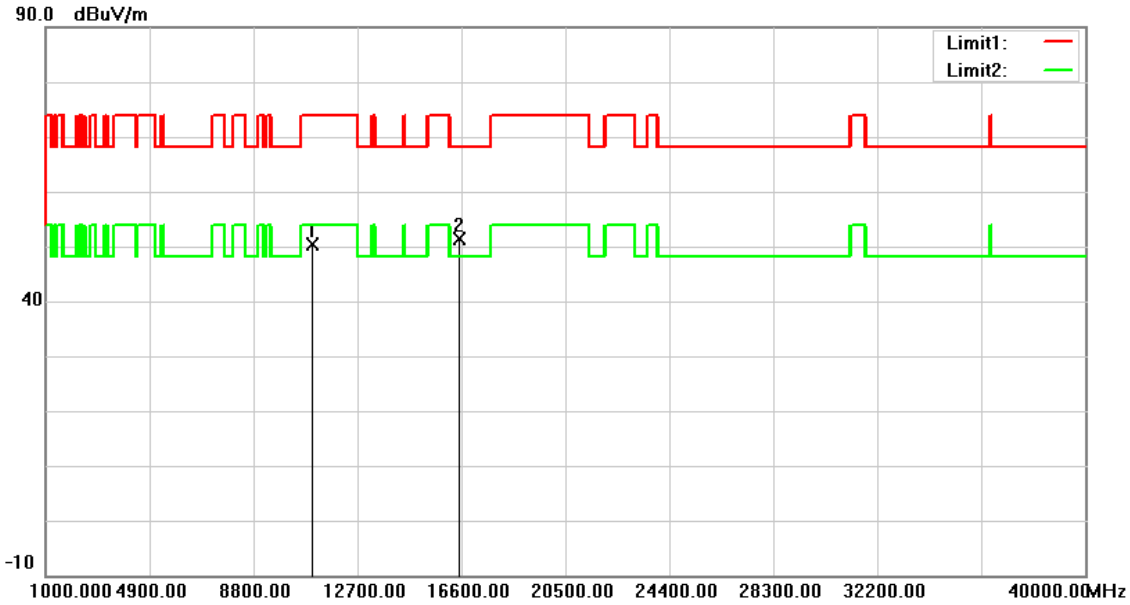
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	32.58	18.75	51.33	74.00	-22.67	peak
2	15930.000	71.52	-19.10	52.42	74.00	-21.58	peak
3	15930.000	62.45	-19.10	43.35	54.00	-10.65	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5310 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



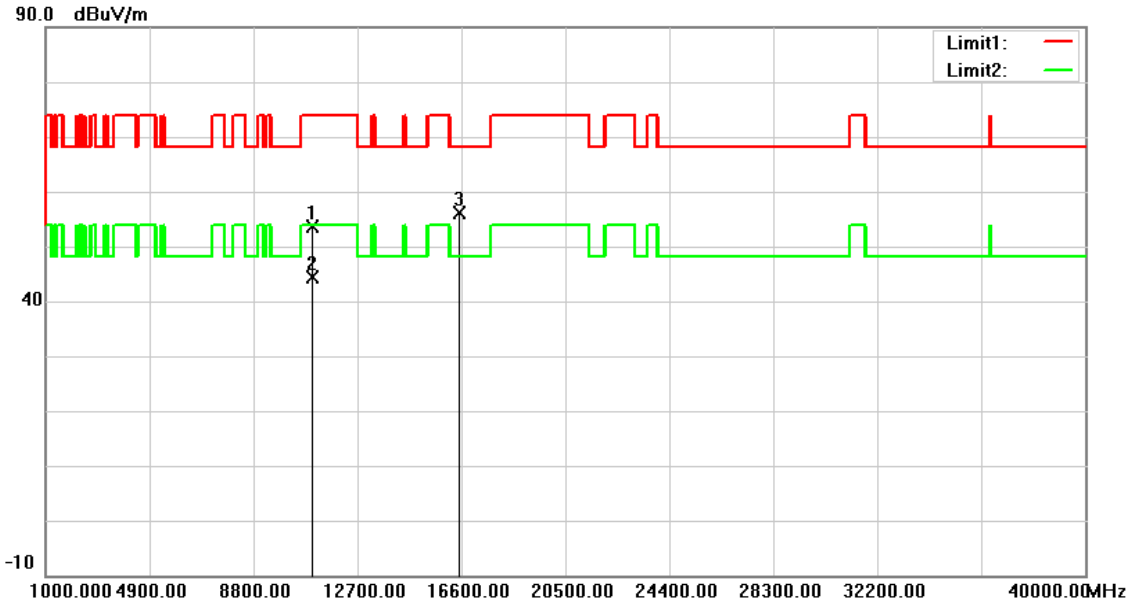
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	37.74	18.75	56.49	74.00	-17.51	peak
2	10620.000	29.09	18.75	47.84	54.00	-6.16	AVG
3	15930.000	74.28	-19.10	55.18	74.00	-18.82	peak
4	15930.000	62.01	-19.10	42.91	54.00	-11.09	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5510 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



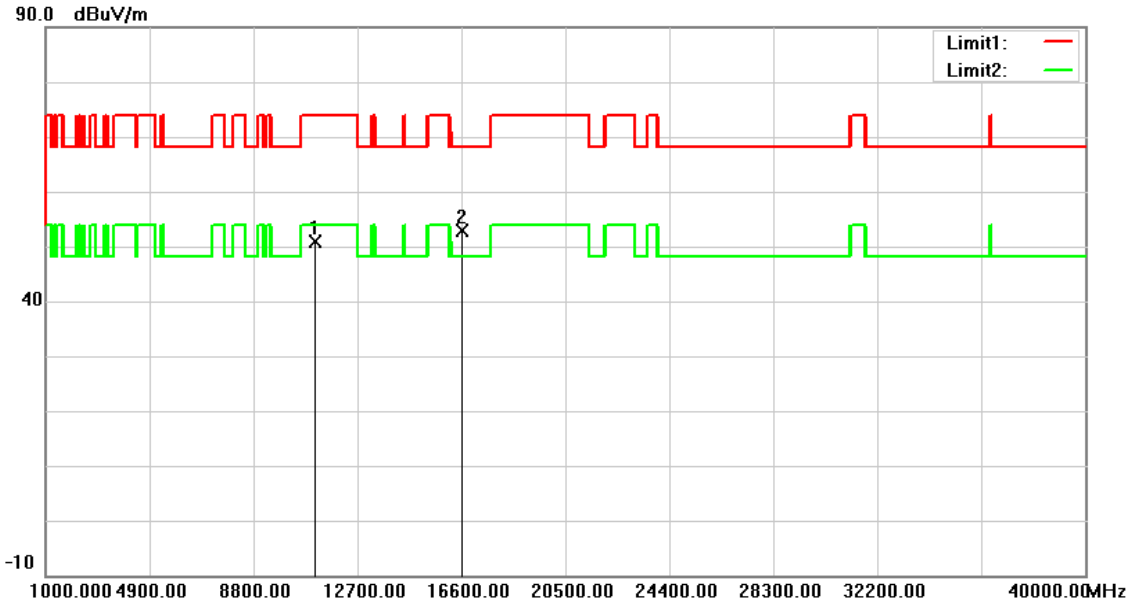
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	30.79	19.61	50.40	74.00	-23.60	peak
2	16530.000	69.40	-17.91	51.49	68.20	-16.71	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5510 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



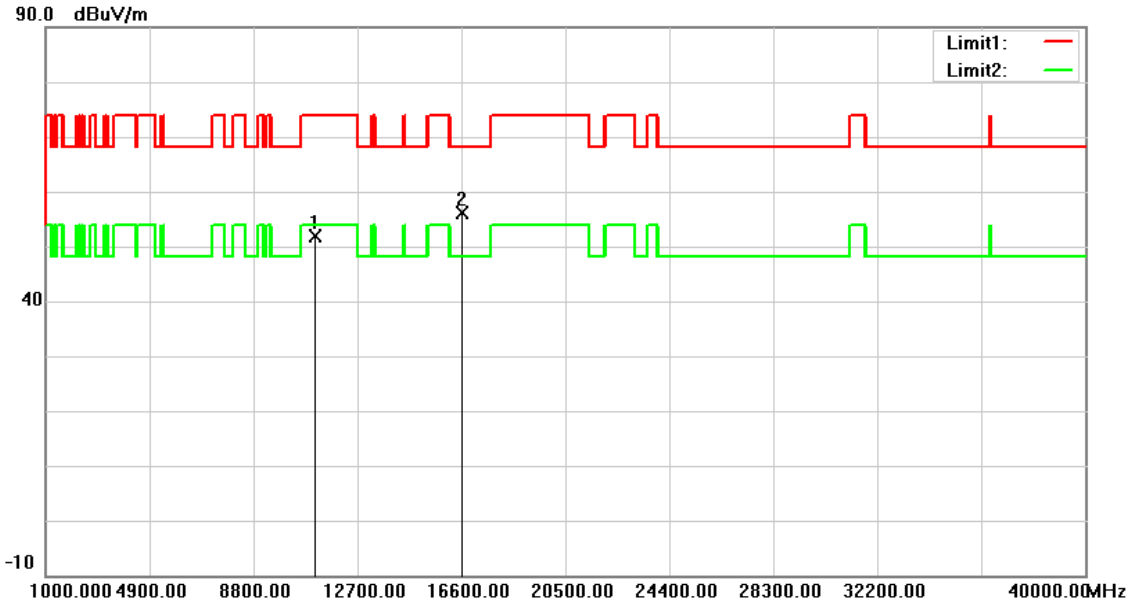
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	33.92	19.61	53.53	74.00	-20.47	peak
2	11020.000	24.87	19.61	44.48	54.00	-9.52	AVG
3	16530.000	74.15	-17.91	56.24	68.20	-11.96	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5550 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



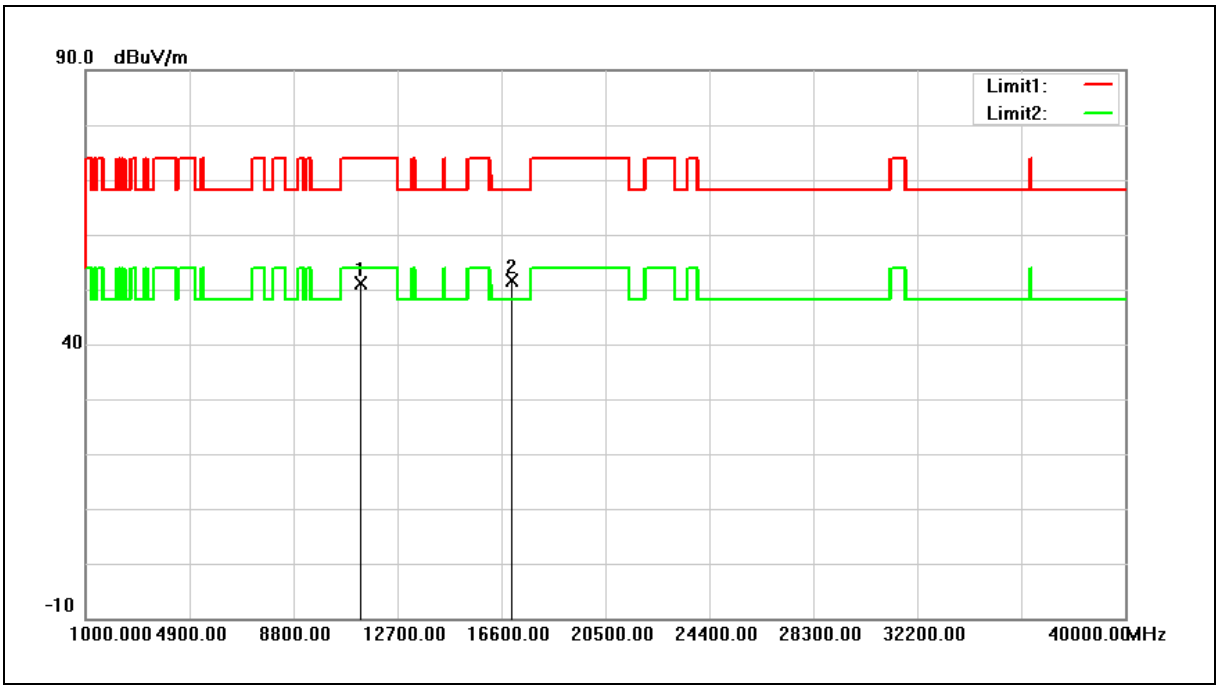
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11100.000	31.37	19.63	51.00	74.00	-23.00	peak
2	16650.000	70.44	-17.58	52.86	68.20	-15.34	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5550 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



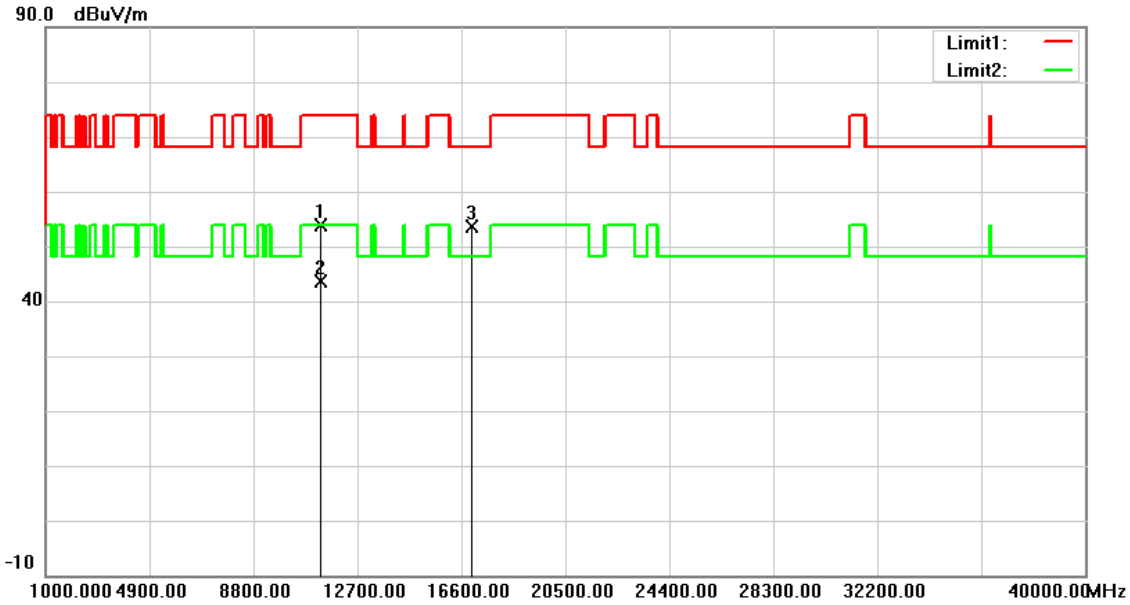
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11100.000	32.32	19.63	51.95	74.00	-22.05	peak
2	16650.000	73.70	-17.58	56.12	68.20	-12.08	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5670 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



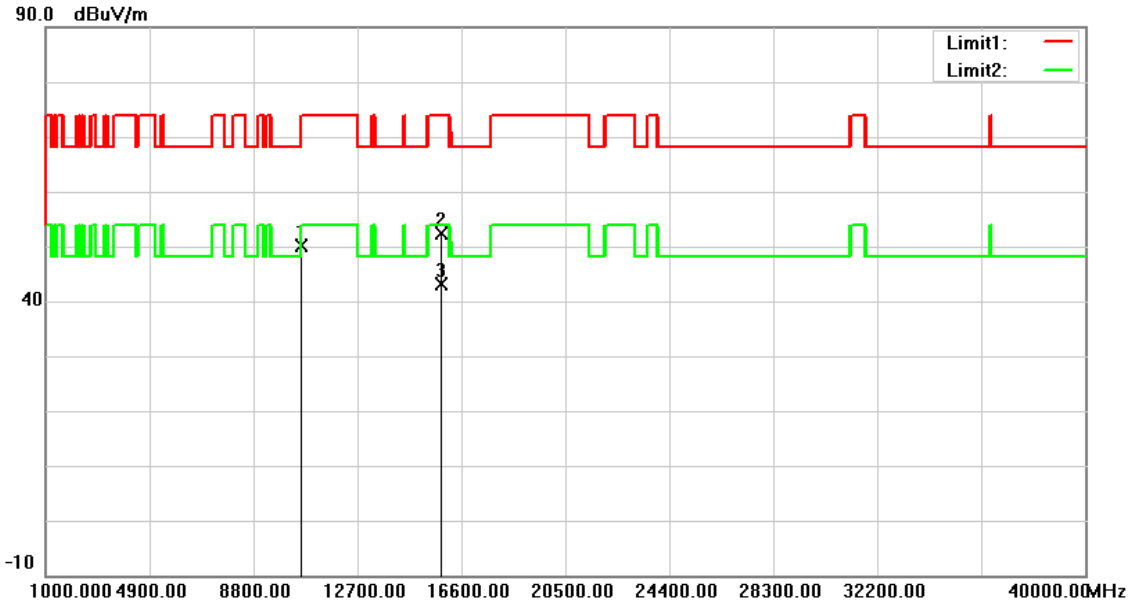
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	31.12	19.92	51.04	74.00	-22.96	peak
2	17010.000	68.15	-16.62	51.53	68.20	-16.67	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5670 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



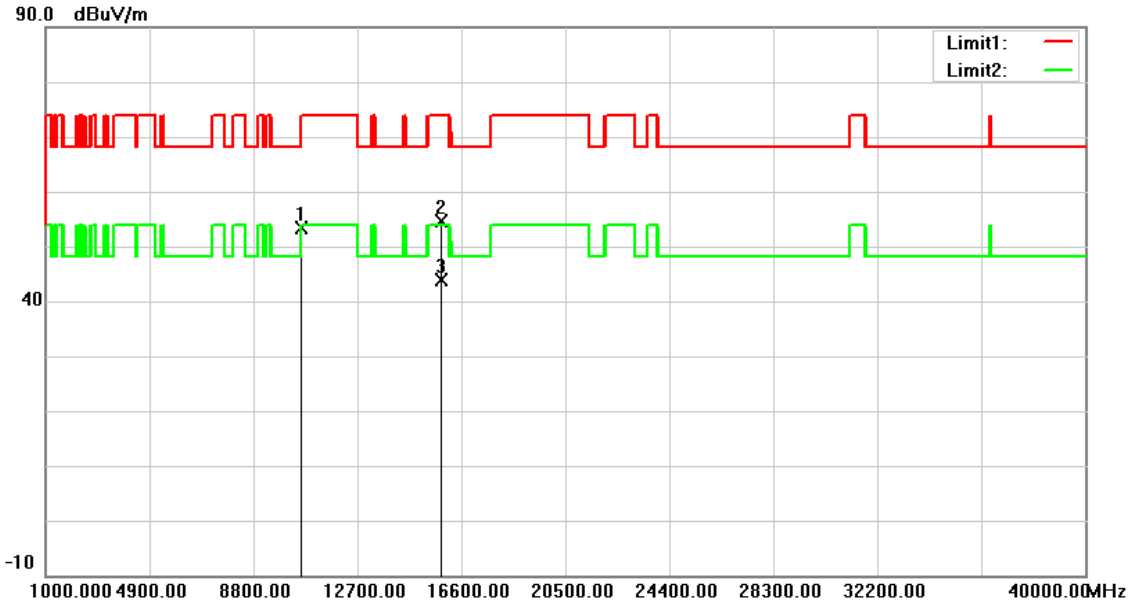
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	34.07	19.92	53.99	74.00	-20.01	peak
2	11340.000	23.71	19.92	43.63	54.00	-10.37	AVG
3	17010.000	70.24	-16.62	53.62	68.20	-14.58	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Horizontal		



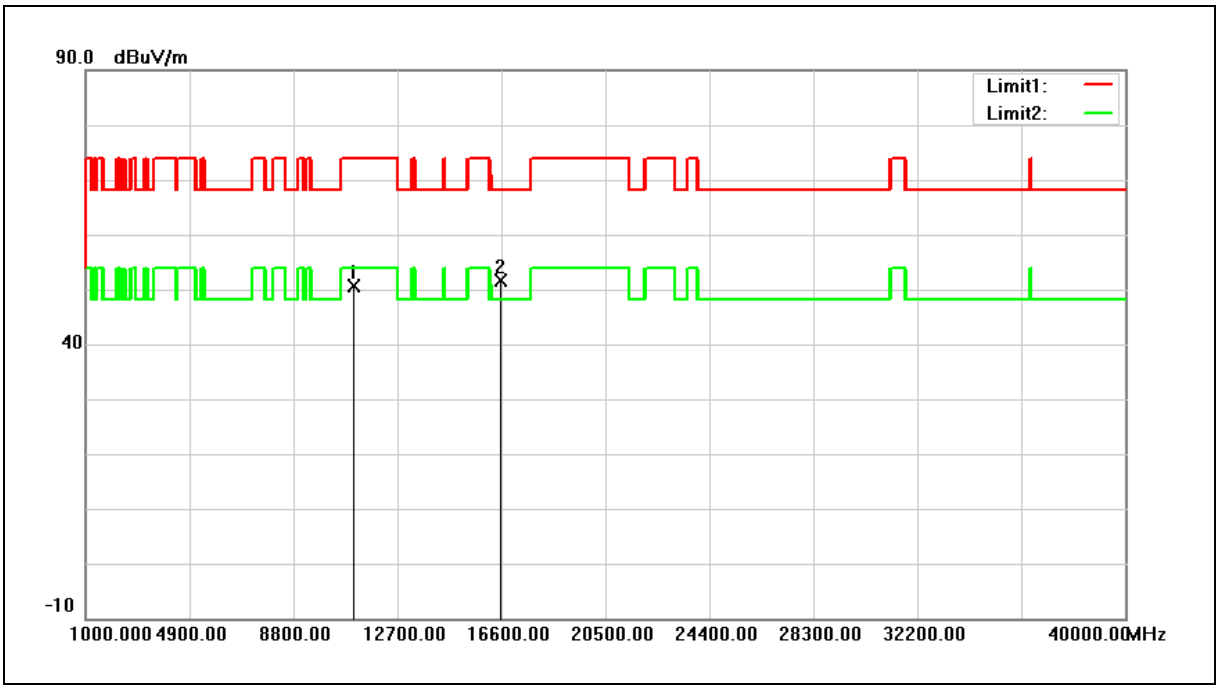
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	31.49	18.71	50.20	68.20	-18.00	peak
2	15870.000	71.30	-18.96	52.34	74.00	-21.66	peak
3	15870.000	62.05	-18.96	43.09	54.00	-10.91	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Vertical		



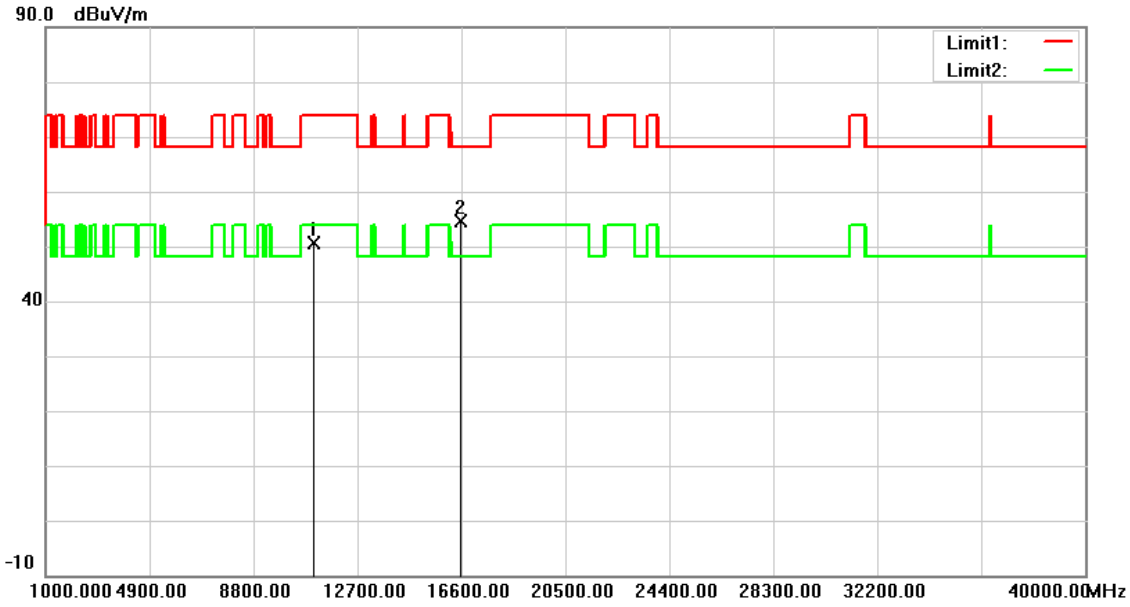
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	34.65	18.71	53.36	68.20	-14.84	peak
2	15870.000	73.60	-18.96	54.64	74.00	-19.36	peak
3	15870.000	62.91	-18.96	43.95	54.00	-10.05	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5530 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Horizontal		



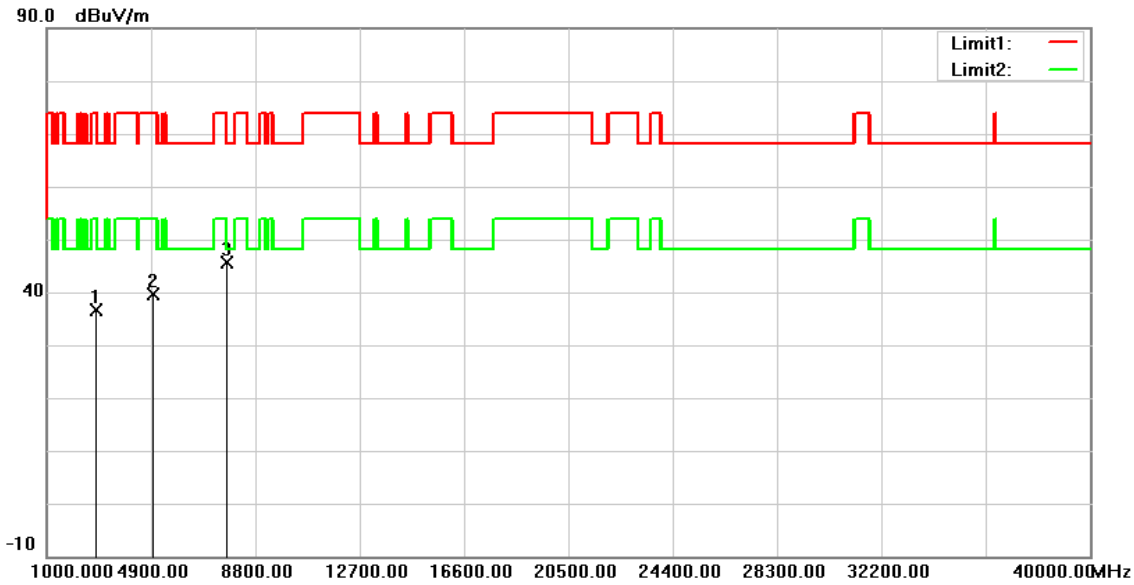
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	30.99	19.62	50.61	74.00	-23.39	peak
2	16590.000	69.28	-17.75	51.53	68.20	-16.67	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5530 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	31.10	19.62	50.72	74.00	-23.28	peak
2	16590.000	72.37	-17.75	54.62	68.20	-13.58	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Transmitter Unwanted Emissions		
Test Mode:	Simultaneous Transmitting		
	Wlan 2.4G + Wlan 5G + Scanning 2.4G + Scanning 5G		
Ant.Polar.:	Horizontal		



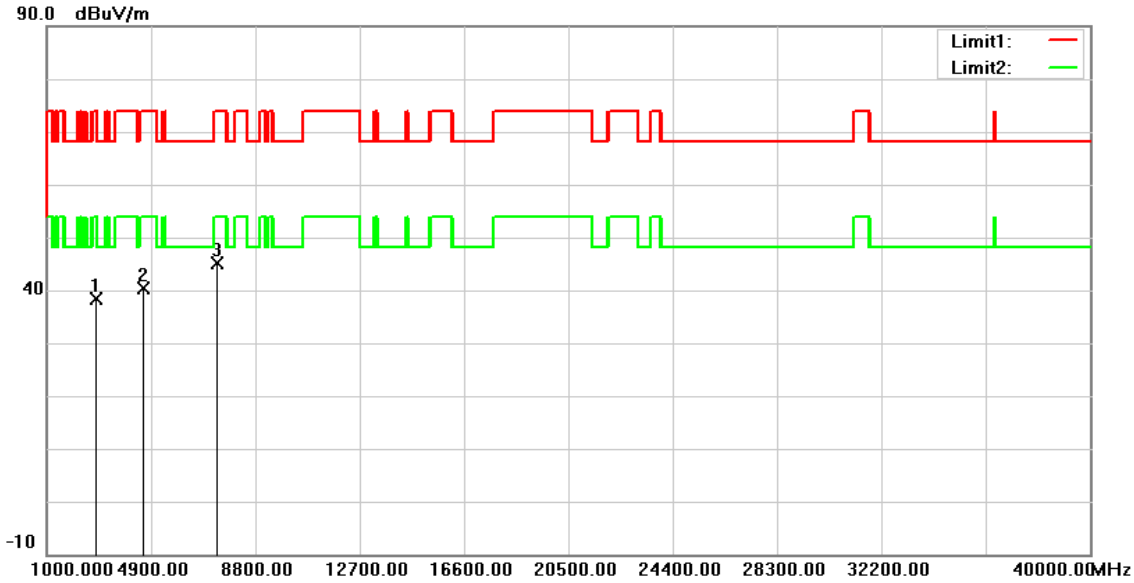
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2853.000	36.12	0.54	36.66	74.00	-37.34	peak
2	4995.000	32.59	6.94	39.53	74.00	-34.47	peak
3	7681.000	32.07	13.51	45.58	74.00	-28.42	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Transmitter Unwanted Emissions		
Test Mode:	Simultaneous Transmitting		
	Wlan 2.4G + Wlan 5G + Scanning 2.4G + Scanning 5G		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2802.000	38.23	0.17	38.40	74.00	-35.60	peak
2	4587.000	34.39	6.05	40.44	74.00	-33.56	peak
3	7358.000	31.52	13.65	45.17	74.00	-28.83	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

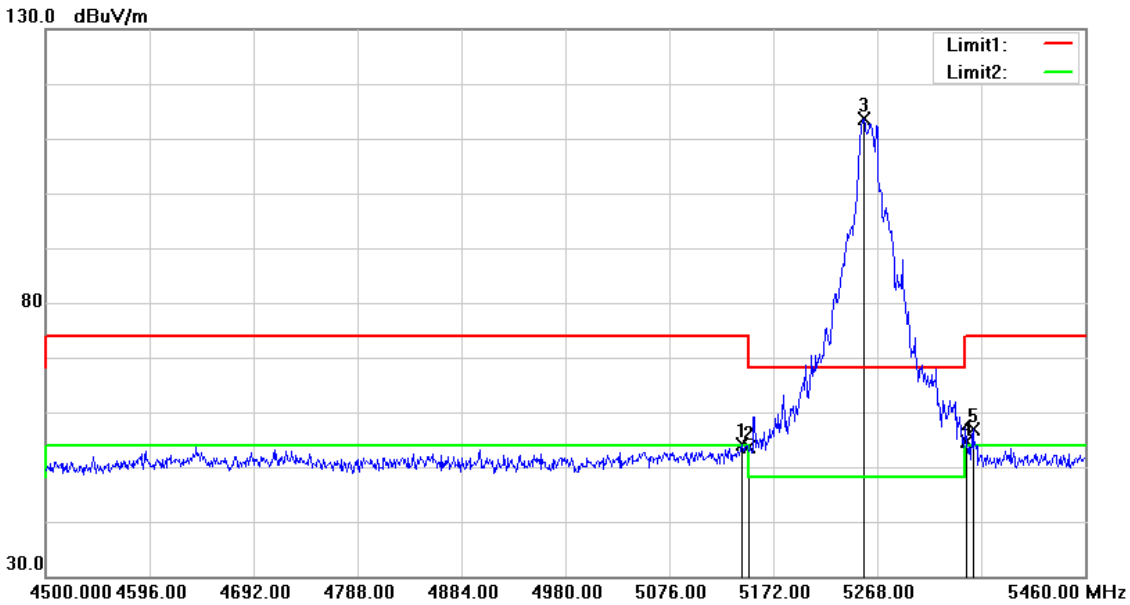
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Band Edge

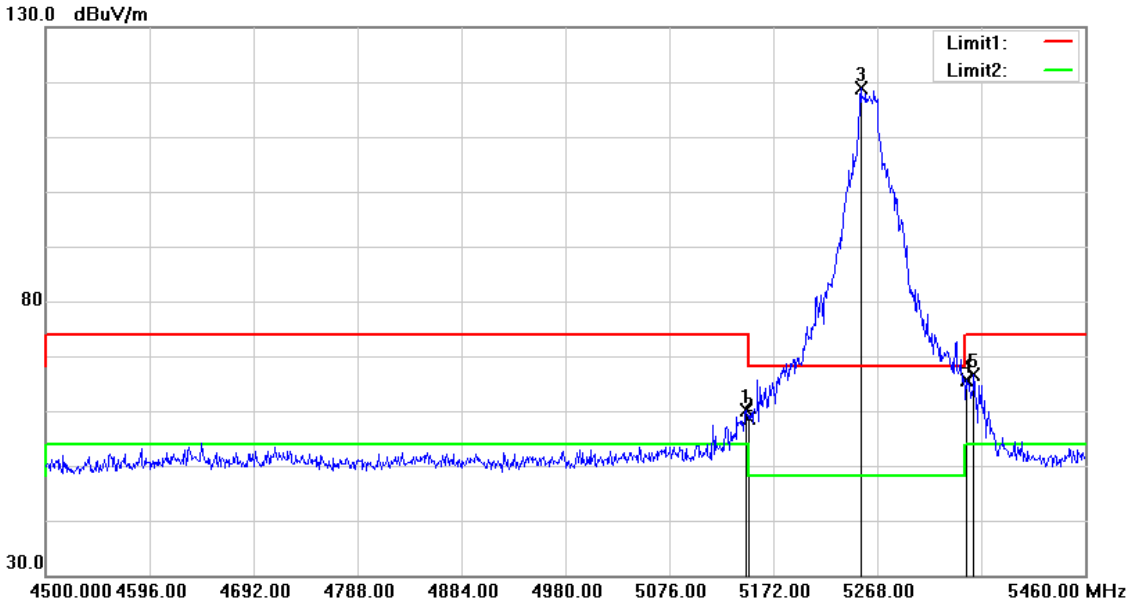
Peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



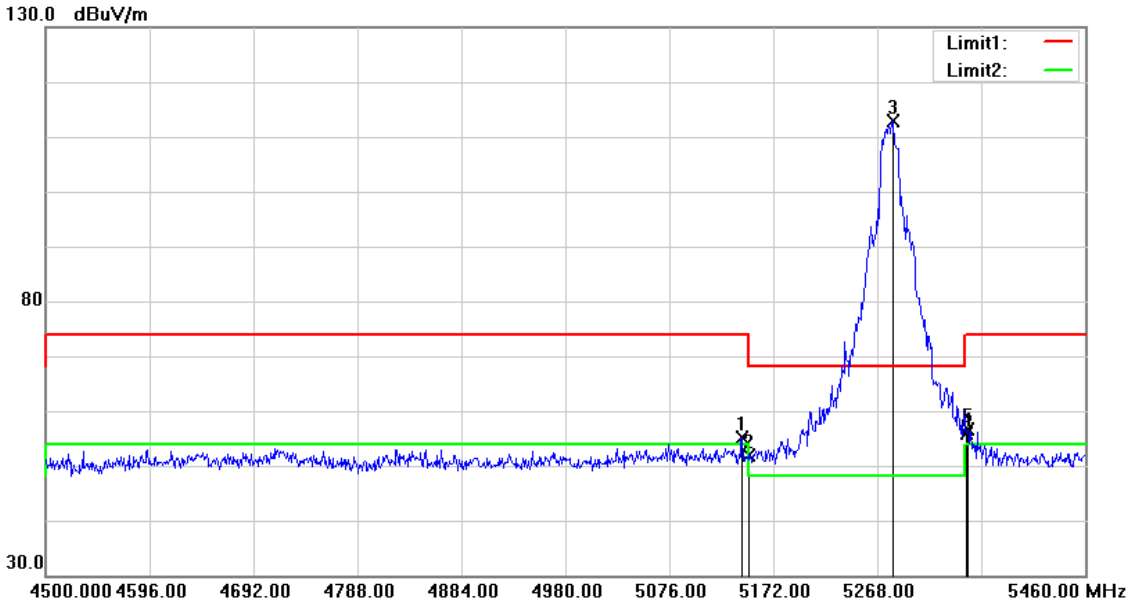
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.200	46.37	7.66	54.03	74.00	-19.97	peak
2	5150.000	46.00	7.66	53.66	74.00	-20.34	peak
3	5255.520	106.27	7.33	113.60	68.20	45.40	peak
4	5350.000	47.34	7.30	54.64	74.00	-19.36	peak
5	5356.320	49.61	7.29	56.90	74.00	-17.10	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



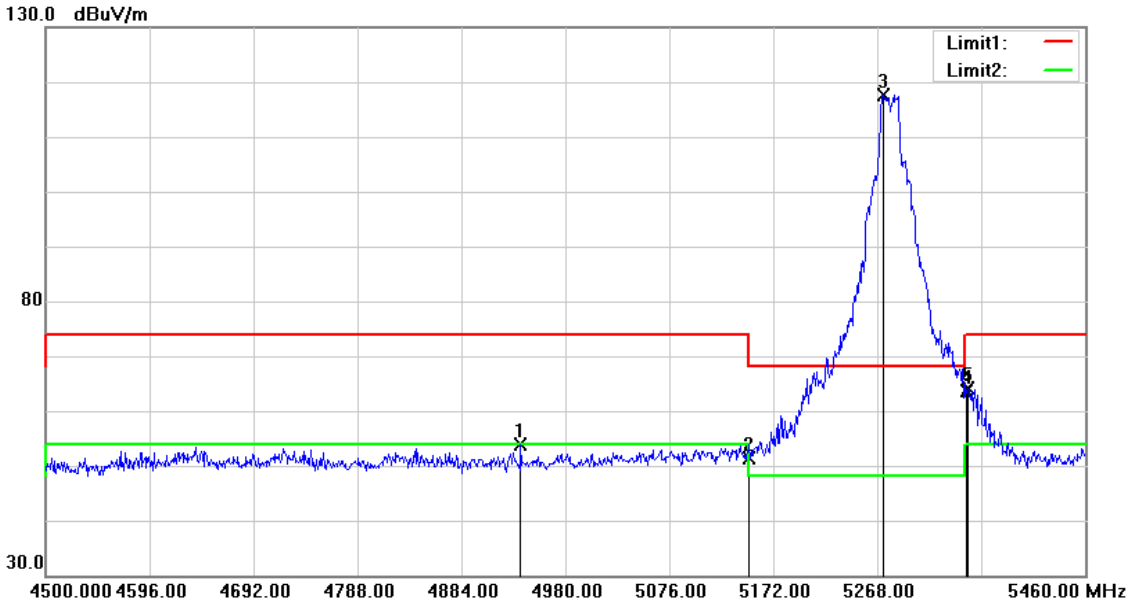
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.040	52.41	7.66	60.07	74.00	-13.93	peak
2	5150.000	50.93	7.66	58.59	74.00	-15.41	peak
3	5252.640	111.44	7.33	118.77	68.20	50.57	peak
4	5350.000	58.29	7.30	65.59	74.00	-8.41	peak
5	5357.280	59.25	7.29	66.54	74.00	-7.46	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



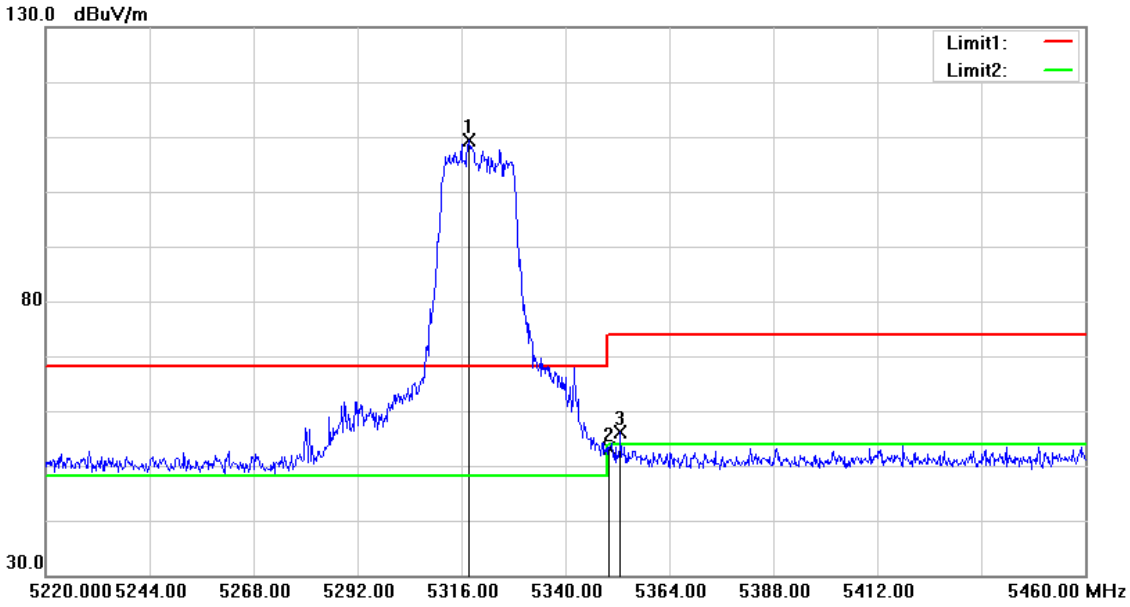
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.200	47.45	7.66	55.11	74.00	-18.89	peak
2	5150.000	44.24	7.66	51.90	74.00	-22.10	peak
3	5282.400	105.62	7.35	112.97	68.20	44.77	peak
4	5350.000	48.67	7.30	55.97	74.00	-18.03	peak
5	5351.520	49.25	7.30	56.55	74.00	-17.45	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



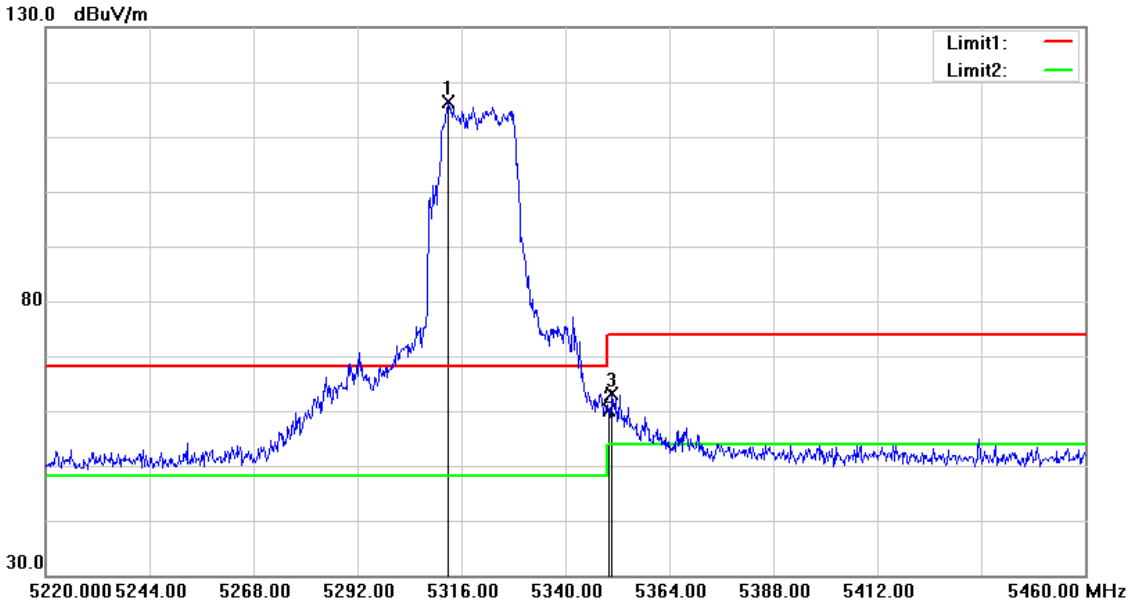
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4938.720	47.02	6.74	53.76	74.00	-20.24	peak
2	5150.000	43.82	7.66	51.48	74.00	-22.52	peak
3	5273.760	110.18	7.34	117.52	68.20	49.32	peak
4	5350.000	56.36	7.30	63.66	74.00	-10.34	peak
5	5351.520	56.79	7.30	64.09	74.00	-9.91	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



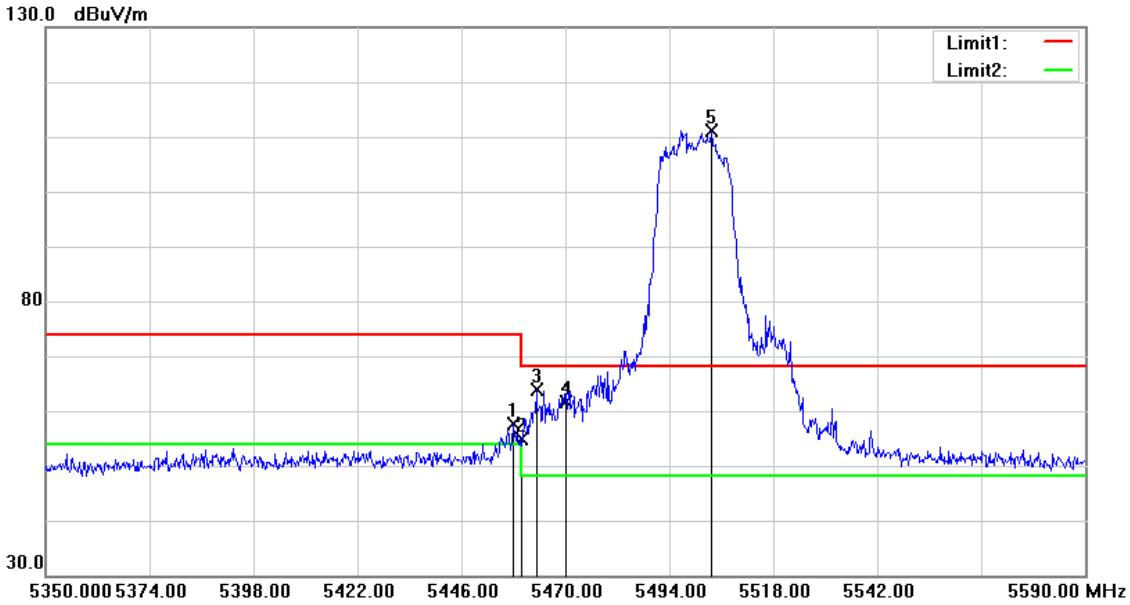
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5317.680	102.06	7.33	109.39	68.20	41.19	peak
2	5350.000	45.87	7.30	53.17	74.00	-20.83	peak
3	5352.720	48.75	7.29	56.04	74.00	-17.96	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



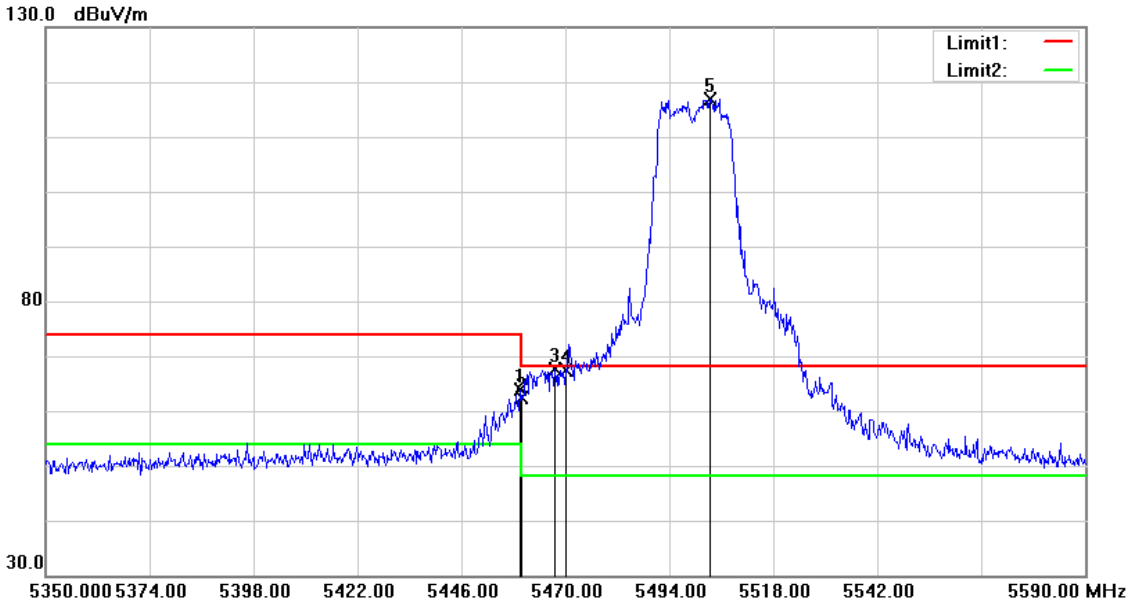
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5312.880	108.94	7.34	116.28	68.20	48.08	peak
2	5350.000	52.85	7.30	60.15	74.00	-13.85	peak
3	5350.800	55.81	7.30	63.11	74.00	-10.89	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



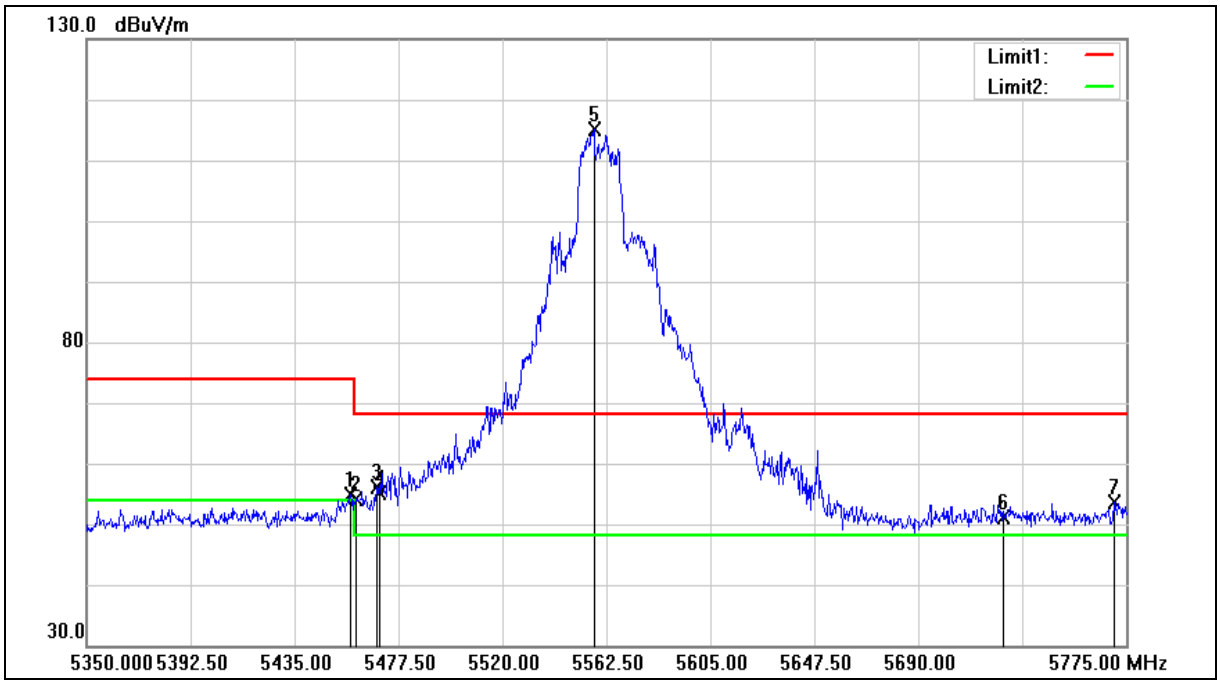
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5458.000	49.81	7.72	57.53	74.00	-16.47	peak
2	5460.000	47.14	7.74	54.88	74.00	-19.12	peak
3	5463.280	56.13	7.77	63.90	68.20	-4.30	peak
4	5470.000	53.80	7.83	61.63	68.20	-6.57	peak
5	5503.840	103.06	8.08	111.14	68.20	42.94	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.680	56.14	7.74	63.88	74.00	-10.12	peak
2	5460.000	54.75	7.74	62.49	74.00	-11.51	peak
3	5467.600	59.85	7.81	67.66	68.20	-0.54	peak
4	5470.000	59.47	7.83	67.30	68.20	-0.90	peak
5	5503.360	108.80	8.08	116.88	68.20	48.68	peak

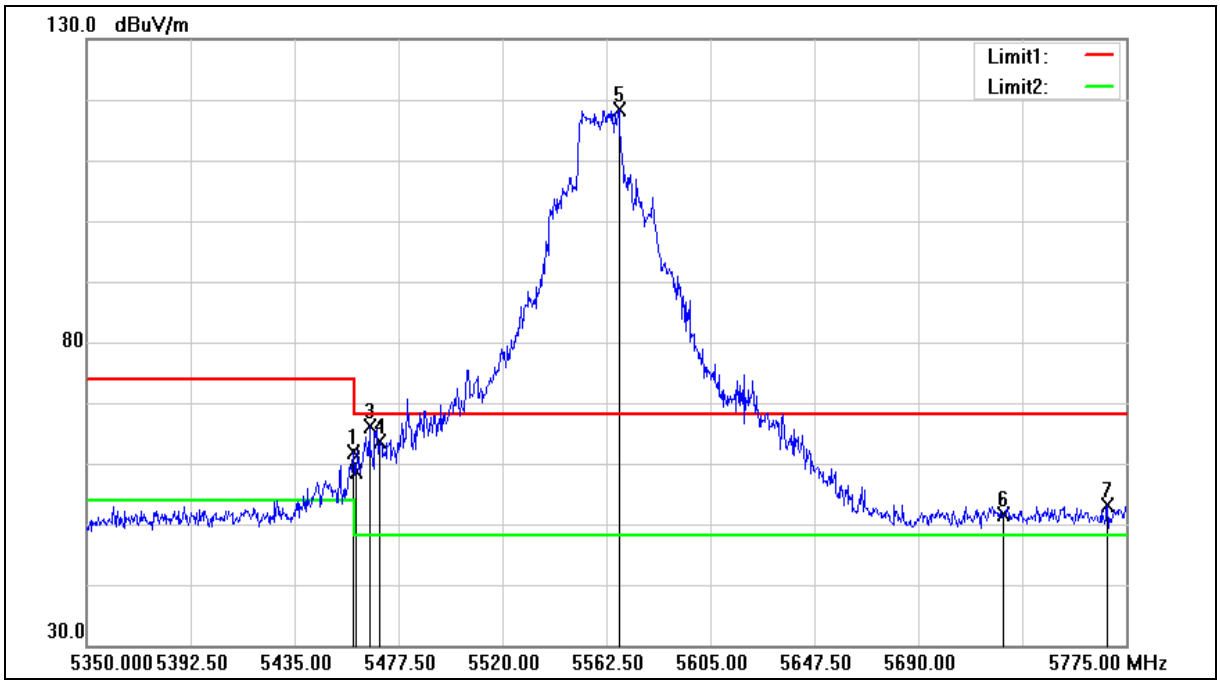
Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.950	47.22	7.72	54.94	74.00	-19.06	peak
2	5460.000	46.44	7.74	54.18	74.00	-19.82	peak
3	5468.575	48.32	7.82	56.14	68.20	-12.06	peak
4	5470.000	47.26	7.83	55.09	68.20	-13.11	peak
5	5557.400	107.25	7.89	115.14	68.20	46.94	peak
6	5725.000	43.13	8.10	51.23	68.20	-16.97	peak
7	5769.900	45.06	8.52	53.58	68.20	-14.62	peak

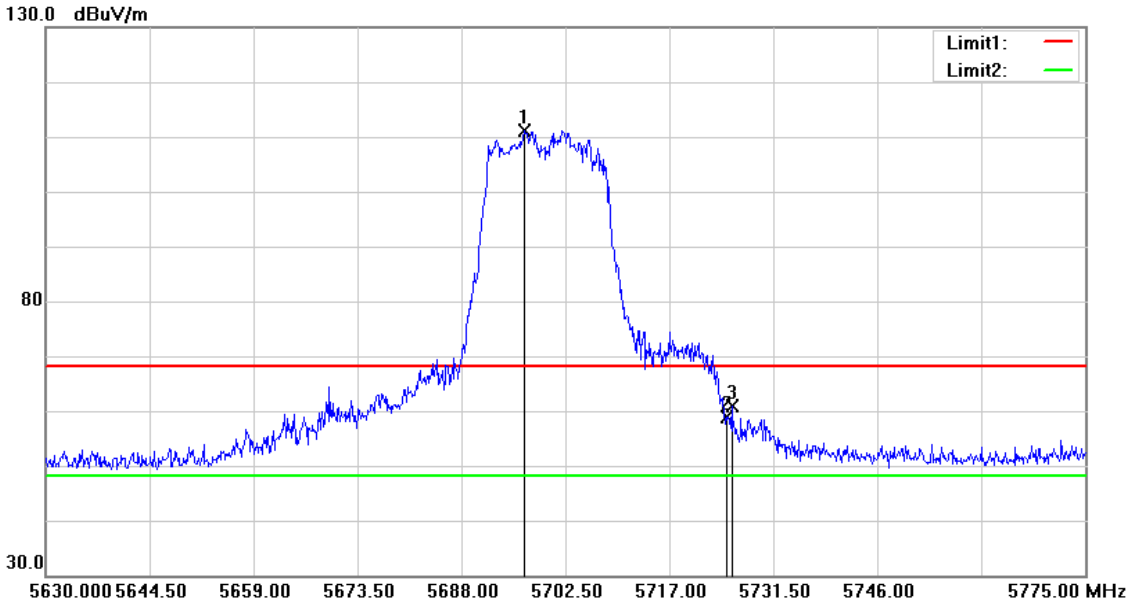
Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		

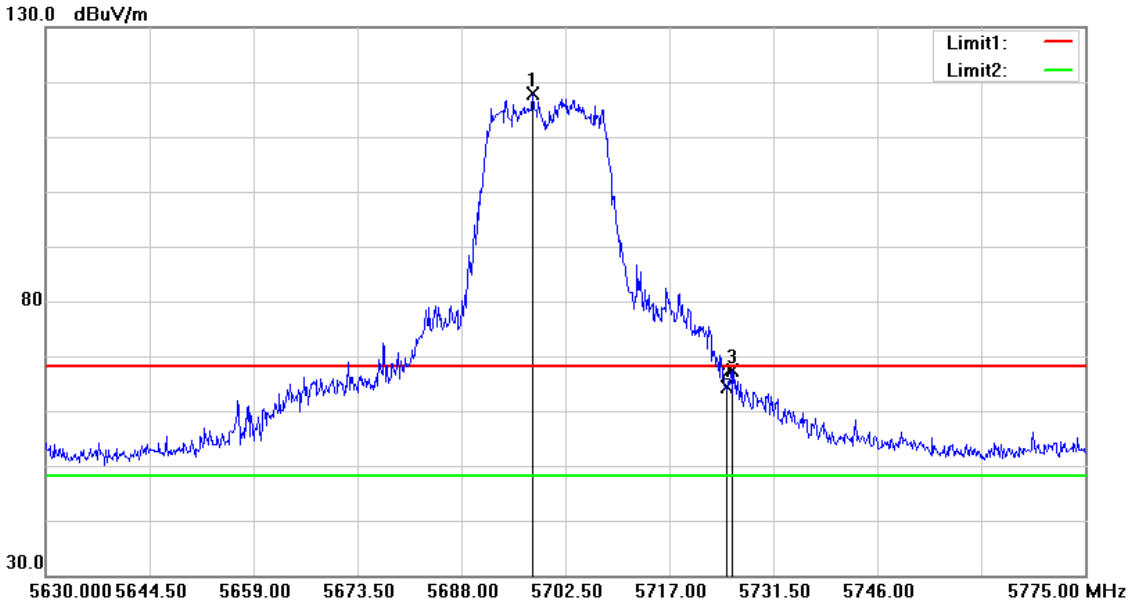
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5458.800	54.27	7.73	62.00	74.00	-12.00	peak
2	5460.000	50.89	7.74	58.63	74.00	-15.37	peak
3	5465.600	58.37	7.79	66.16	68.20	-2.04	peak
4	5470.000	55.69	7.83	63.52	68.20	-4.68	peak
5	5567.600	110.61	7.88	118.49	68.20	50.29	peak
6	5725.000	43.55	8.10	51.65	68.20	-16.55	peak
7	5767.350	44.54	8.49	53.03	68.20	-15.17	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5700 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



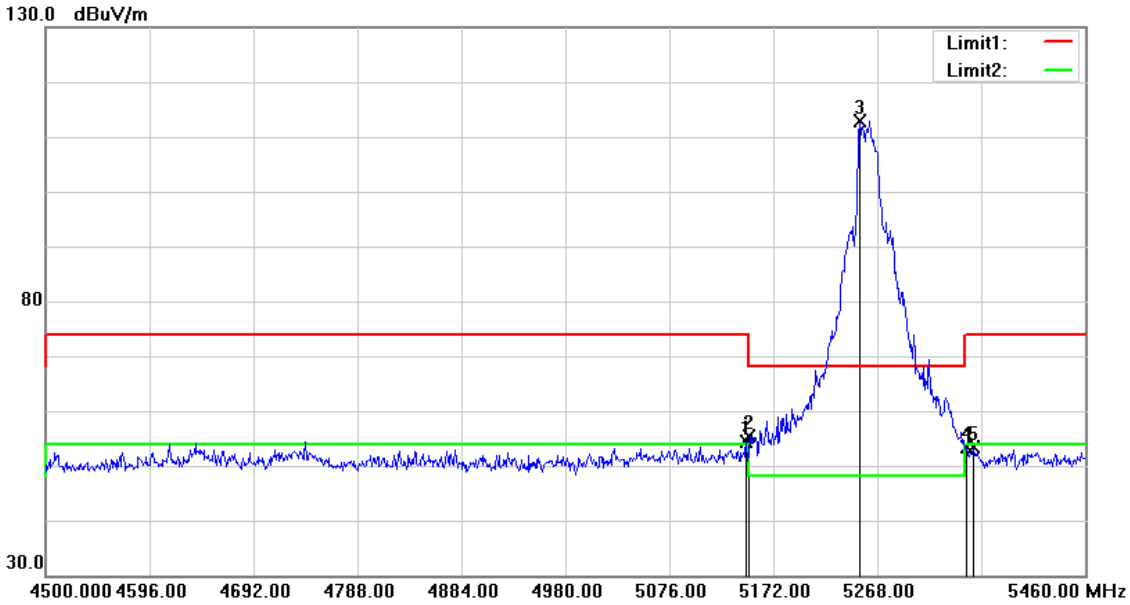
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5696.700	103.27	7.97	111.24	68.20	43.04	peak
2	5725.000	50.76	8.10	58.86	68.20	-9.34	peak
3	5725.700	52.85	8.10	60.95	68.20	-7.25	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5700 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



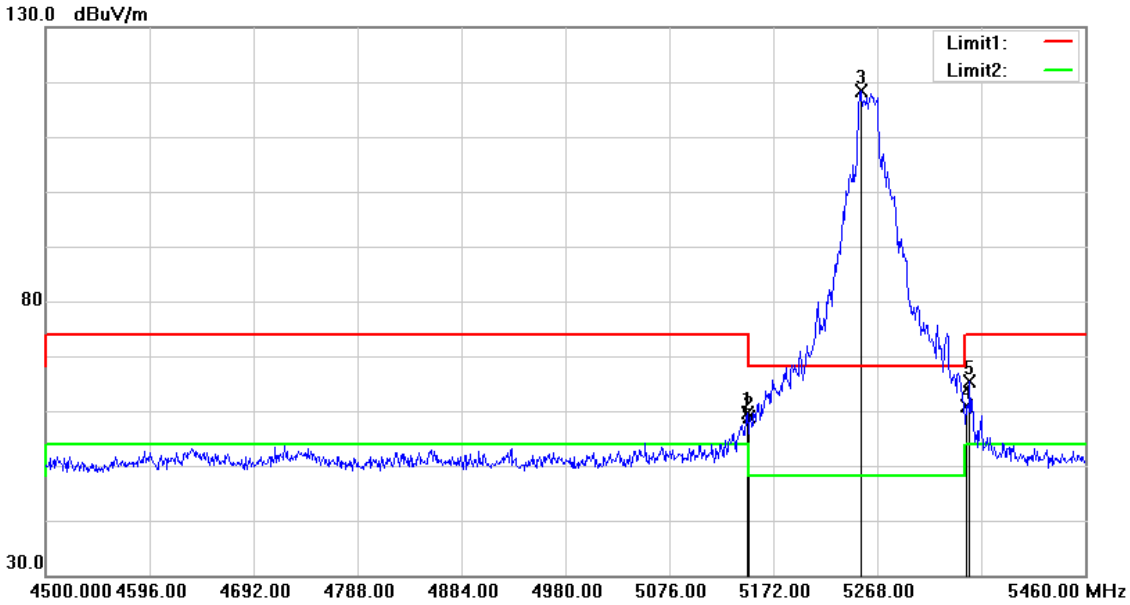
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5697.860	109.85	7.96	117.81	68.20	49.61	peak
2	5725.000	56.23	8.10	64.33	68.20	-3.87	peak
3	5725.700	59.24	8.10	67.34	68.20	-0.86	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



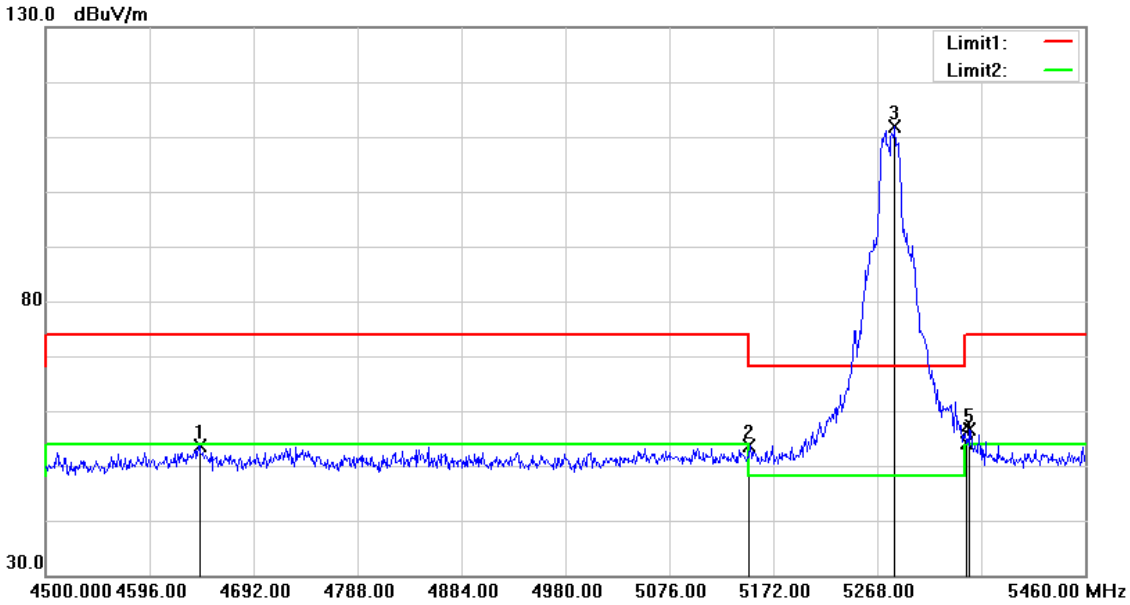
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.040	46.72	7.66	54.38	74.00	-19.62	peak
2	5150.000	47.83	7.66	55.49	74.00	-18.51	peak
3	5251.680	105.64	7.33	112.97	68.20	44.77	peak
4	5350.000	46.08	7.30	53.38	74.00	-20.62	peak
5	5357.280	46.07	7.29	53.36	74.00	-20.64	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



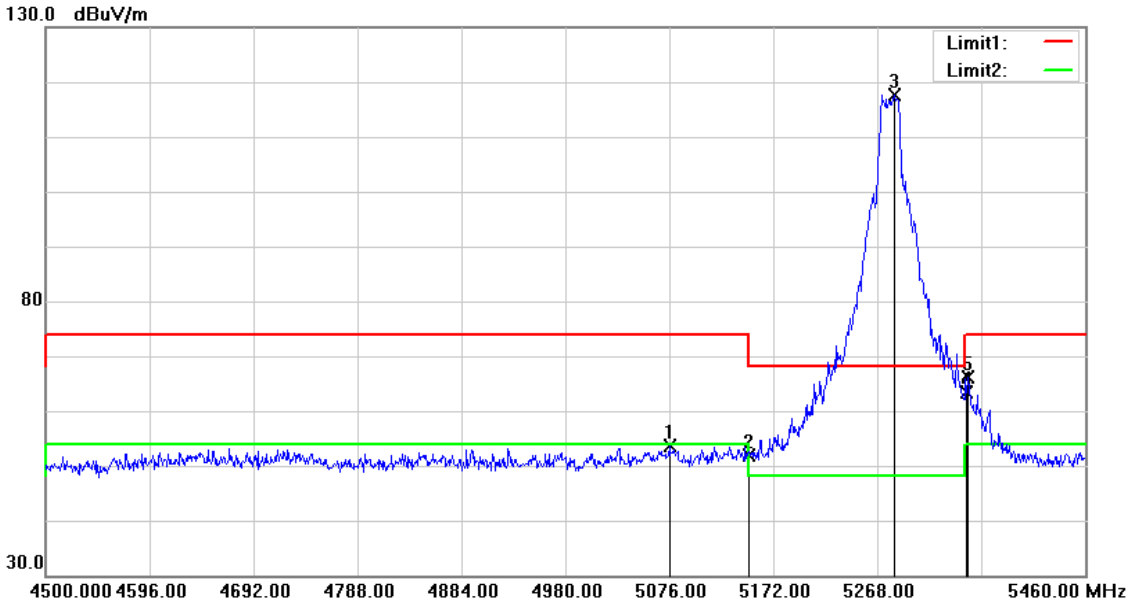
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.000	51.88	7.65	59.53	74.00	-14.47	peak
2	5150.000	51.25	7.66	58.91	74.00	-15.09	peak
3	5252.640	111.09	7.33	118.42	68.20	50.22	peak
4	5350.000	53.53	7.30	60.83	74.00	-13.17	peak
5	5353.440	58.01	7.29	65.30	74.00	-8.70	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



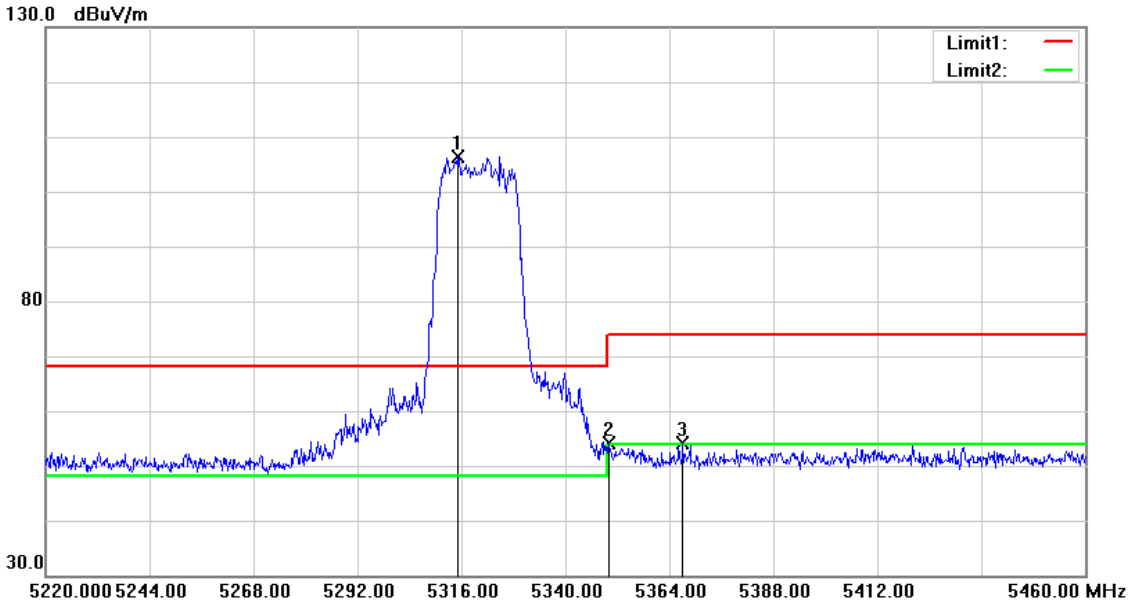
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4642.080	47.43	6.18	53.61	74.00	-20.39	peak
2	5150.000	45.93	7.66	53.59	74.00	-20.41	peak
3	5284.320	104.41	7.35	111.76	68.20	43.56	peak
4	5350.000	46.78	7.30	54.08	74.00	-19.92	peak
5	5353.440	49.38	7.29	56.67	74.00	-17.33	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



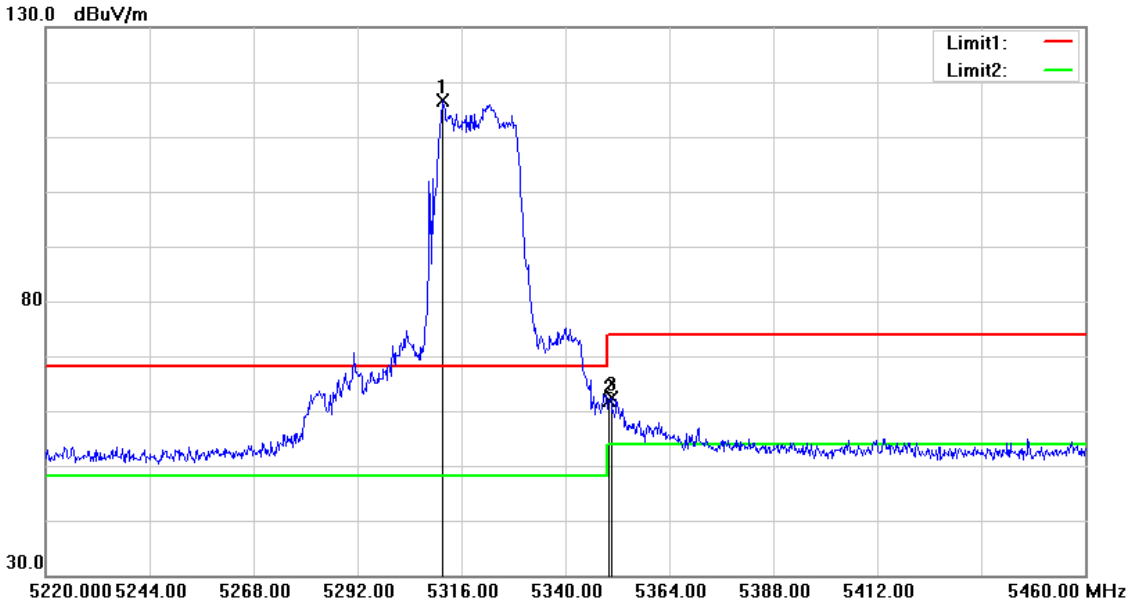
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5076.000	46.11	7.57	53.68	74.00	-20.32	peak
2	5150.000	44.18	7.66	51.84	74.00	-22.16	peak
3	5284.320	110.33	7.35	117.68	68.20	49.48	peak
4	5350.000	56.10	7.30	63.40	74.00	-10.60	peak
5	5351.520	58.71	7.30	66.01	74.00	-7.99	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



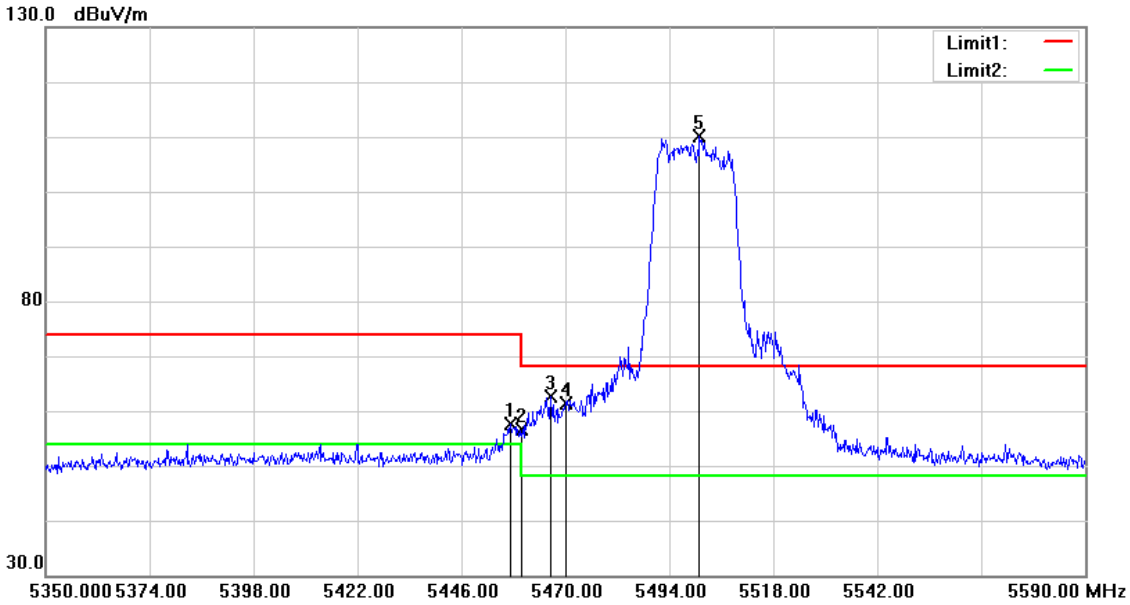
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5315.280	99.11	7.34	106.45	68.20	38.25	peak
2	5350.000	46.73	7.30	54.03	74.00	-19.97	peak
3	5367.120	46.83	7.28	54.11	74.00	-19.89	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



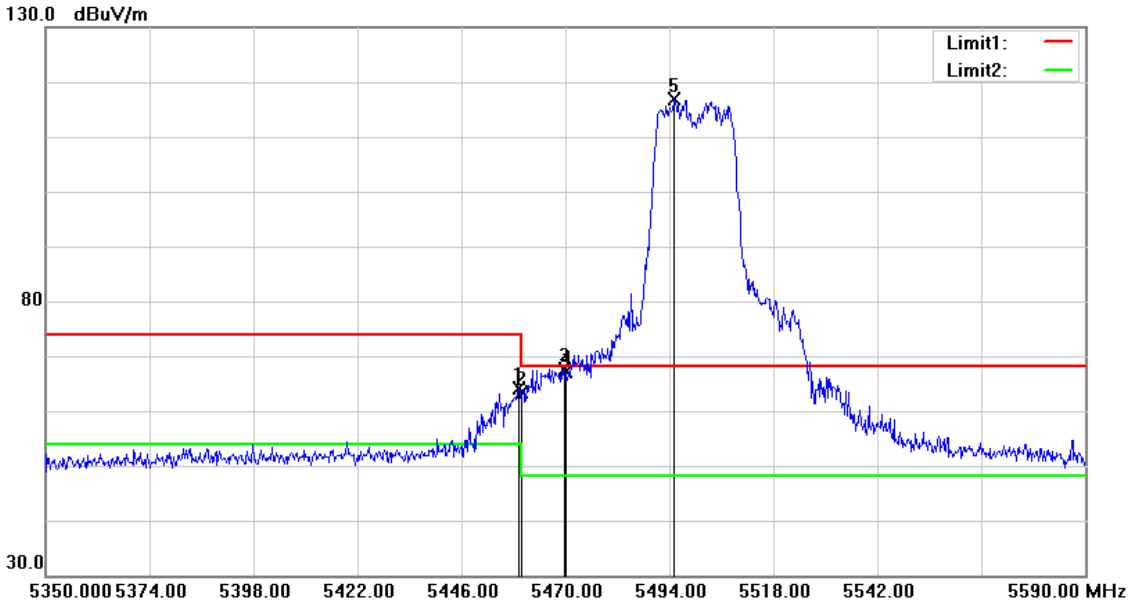
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5311.680	109.32	7.35	116.67	68.20	48.47	peak
2	5350.000	54.68	7.30	61.98	74.00	-12.02	peak
3	5350.560	55.10	7.30	62.40	74.00	-11.60	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



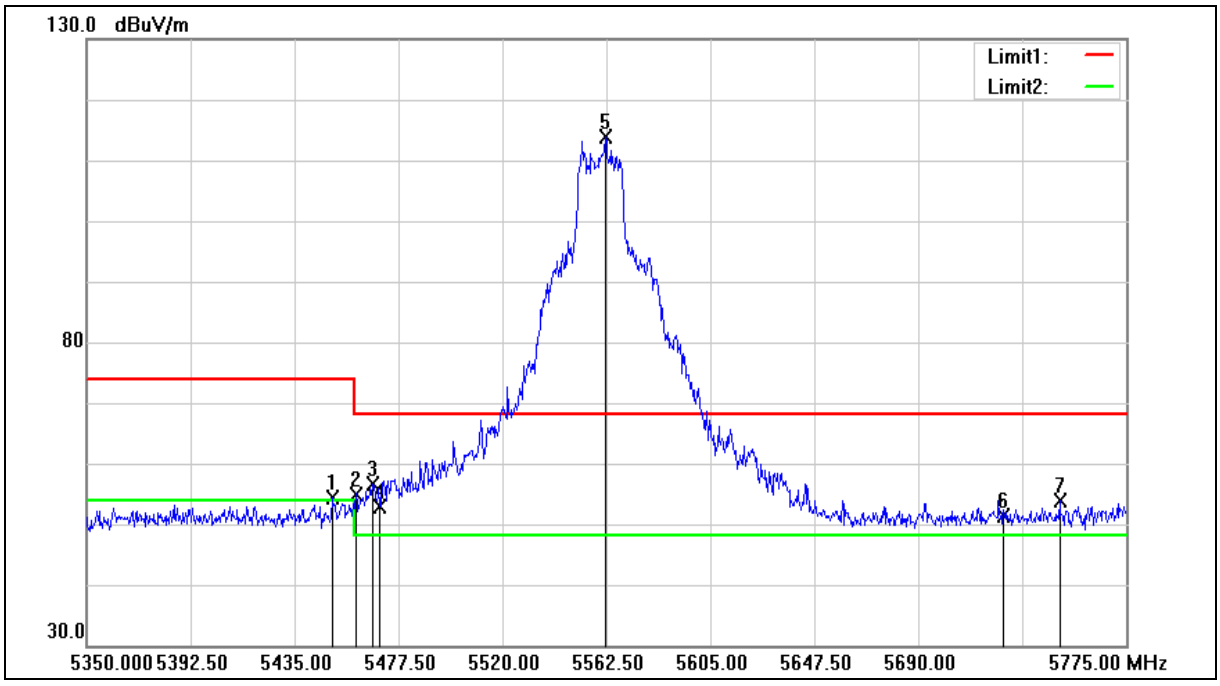
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.280	49.80	7.72	57.52	74.00	-16.48	peak
2	5460.000	48.89	7.74	56.63	74.00	-17.37	peak
3	5466.640	54.78	7.80	62.58	68.20	-5.62	peak
4	5470.000	53.45	7.83	61.28	68.20	-6.92	peak
5	5500.960	102.08	8.08	110.16	68.20	41.96	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.200	56.41	7.73	64.14	74.00	-9.86	peak
2	5460.000	55.63	7.74	63.37	74.00	-10.63	peak
3	5469.760	59.87	7.83	67.70	68.20	-0.50	peak
4	5470.000	59.25	7.83	67.08	68.20	-1.12	peak
5	5495.200	108.80	8.05	116.85	68.20	48.65	peak

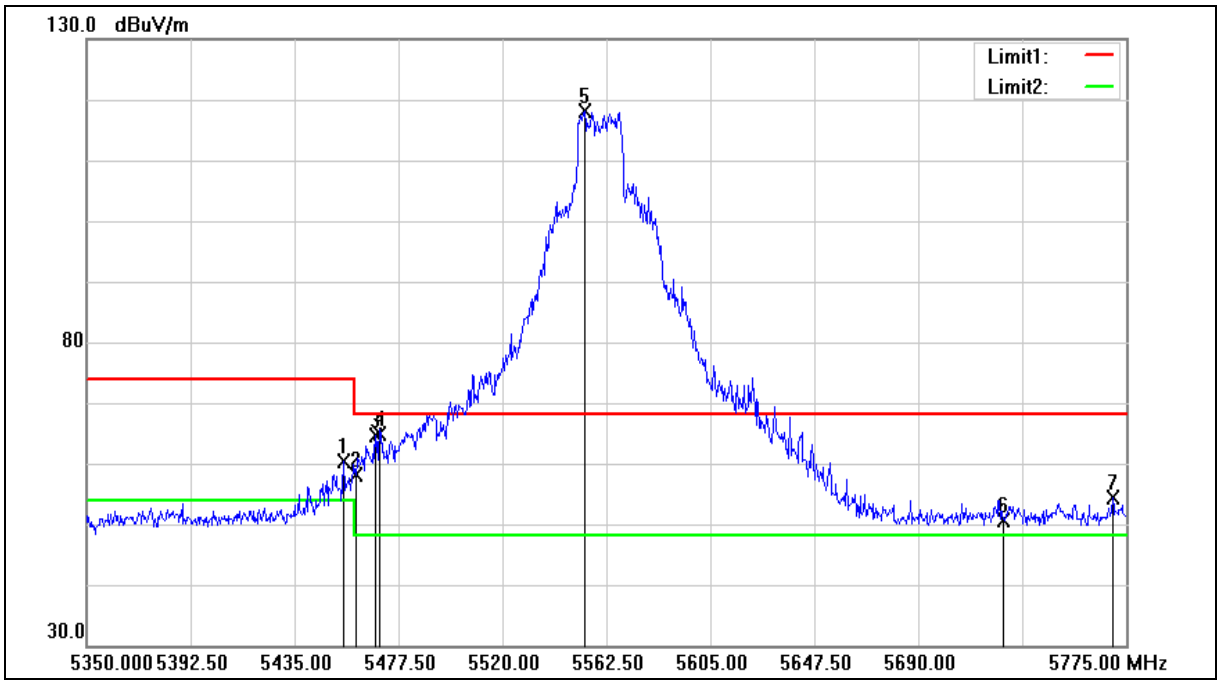
Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5450.300	46.71	7.66	54.37	74.00	-19.63	peak
2	5460.000	47.26	7.74	55.00	74.00	-19.00	peak
3	5466.875	48.79	7.80	56.59	68.20	-11.61	peak
4	5470.000	44.93	7.83	52.76	68.20	-15.44	peak
5	5562.075	105.90	7.89	113.79	68.20	45.59	peak
6	5725.000	43.31	8.10	51.41	68.20	-16.79	peak
7	5747.800	45.54	8.23	53.77	68.20	-14.43	peak

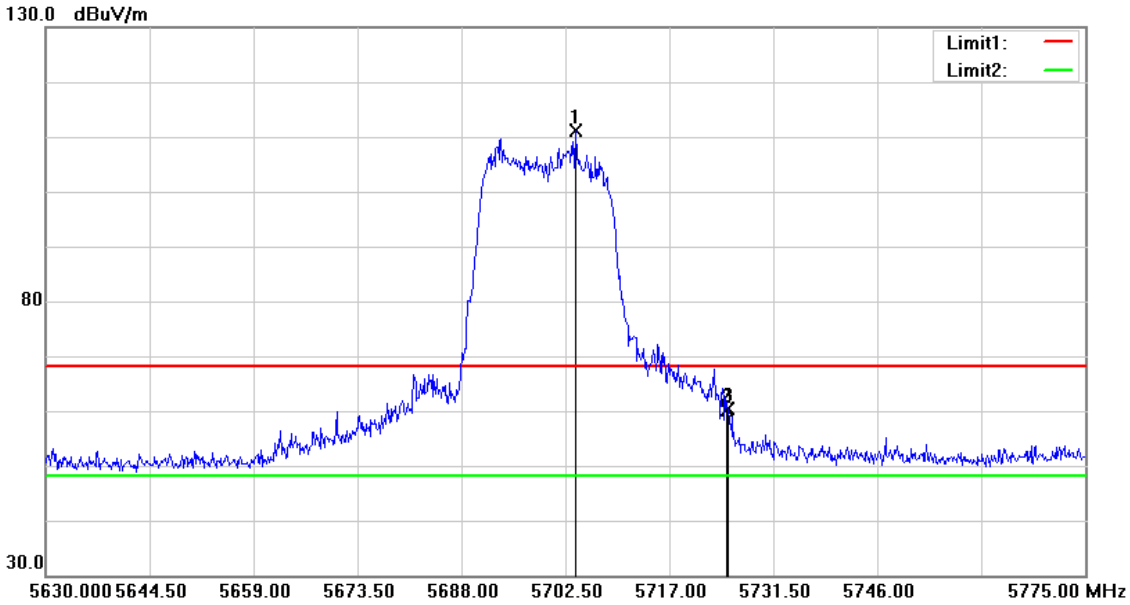
Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		

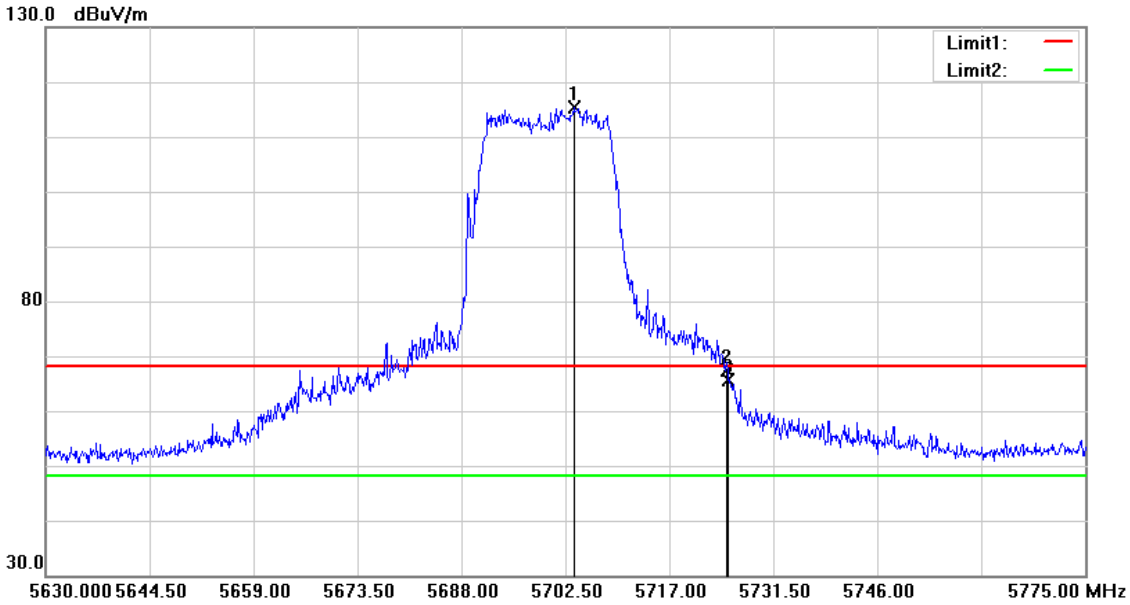
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5454.975	52.61	7.70	60.31	74.00	-13.69	peak
2	5460.000	50.37	7.74	58.11	74.00	-15.89	peak
3	5468.150	56.85	7.82	64.67	68.20	-3.53	peak
4	5470.000	57.03	7.83	64.86	68.20	-3.34	peak
5	5553.575	110.14	7.88	118.02	68.20	49.82	peak
6	5725.000	42.59	8.10	50.69	68.20	-17.51	peak
7	5769.475	45.78	8.51	54.29	68.20	-13.91	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5700 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



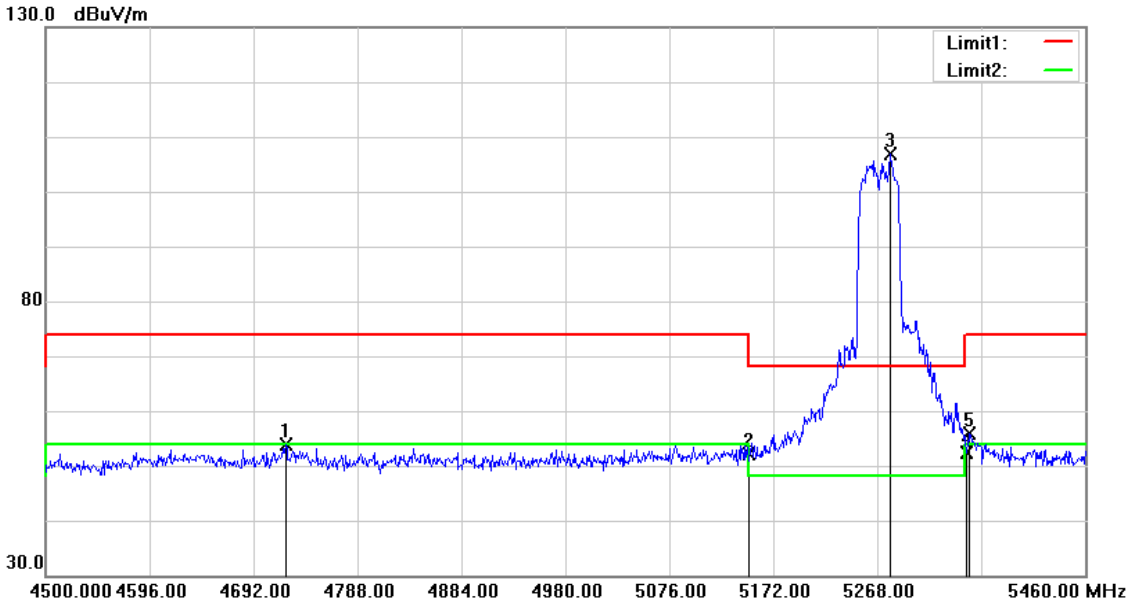
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5703.950	103.07	7.98	111.05	68.20	42.85	peak
2	5725.000	52.11	8.10	60.21	68.20	-7.99	peak
3	5725.265	52.34	8.10	60.44	68.20	-7.76	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5700 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



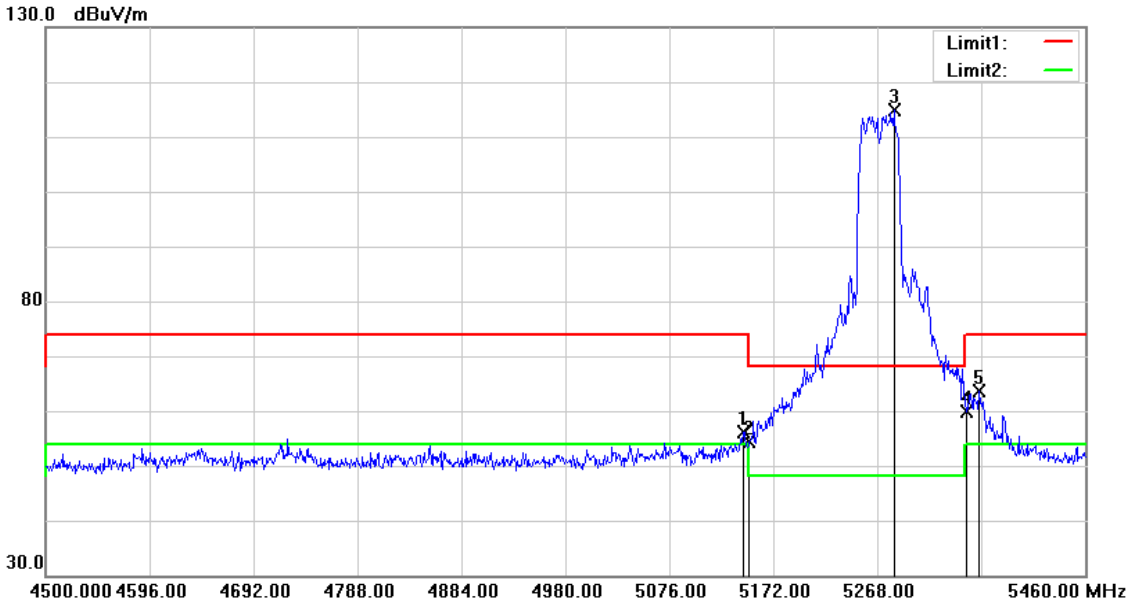
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5703.660	107.39	7.97	115.36	68.20	47.16	peak
2	5725.000	59.26	8.10	67.36	68.20	-0.84	peak
3	5725.265	57.57	8.10	65.67	68.20	-2.53	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



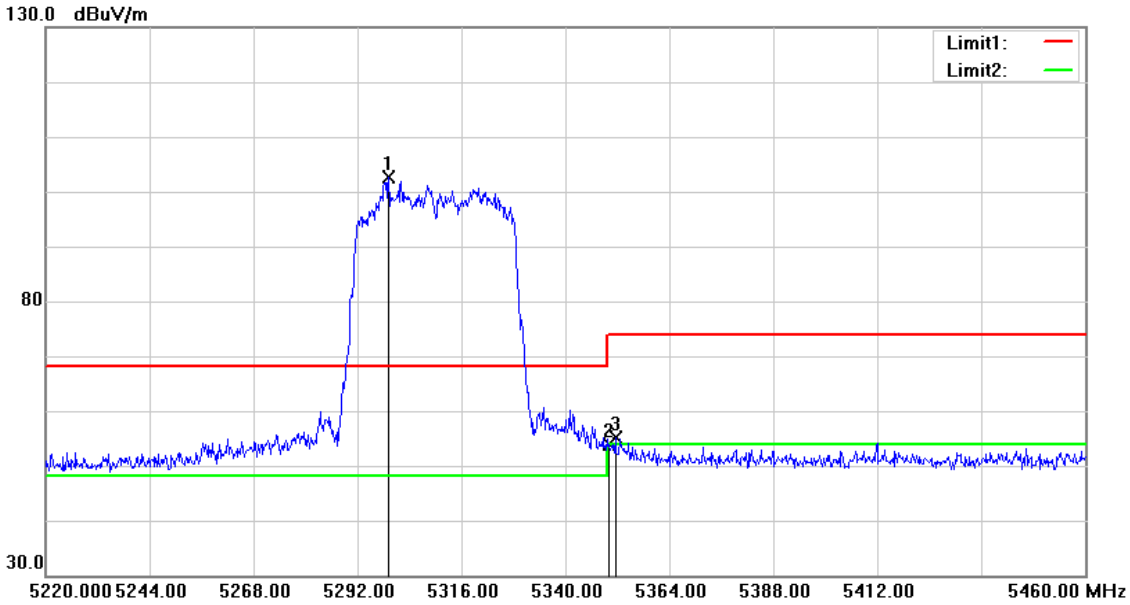
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4721.760	47.21	6.59	53.80	74.00	-20.20	peak
2	5150.000	44.35	7.66	52.01	74.00	-21.99	peak
3	5279.520	99.53	7.35	106.88	68.20	38.68	peak
4	5350.000	44.98	7.30	52.28	74.00	-21.72	peak
5	5353.440	48.55	7.29	55.84	74.00	-18.16	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



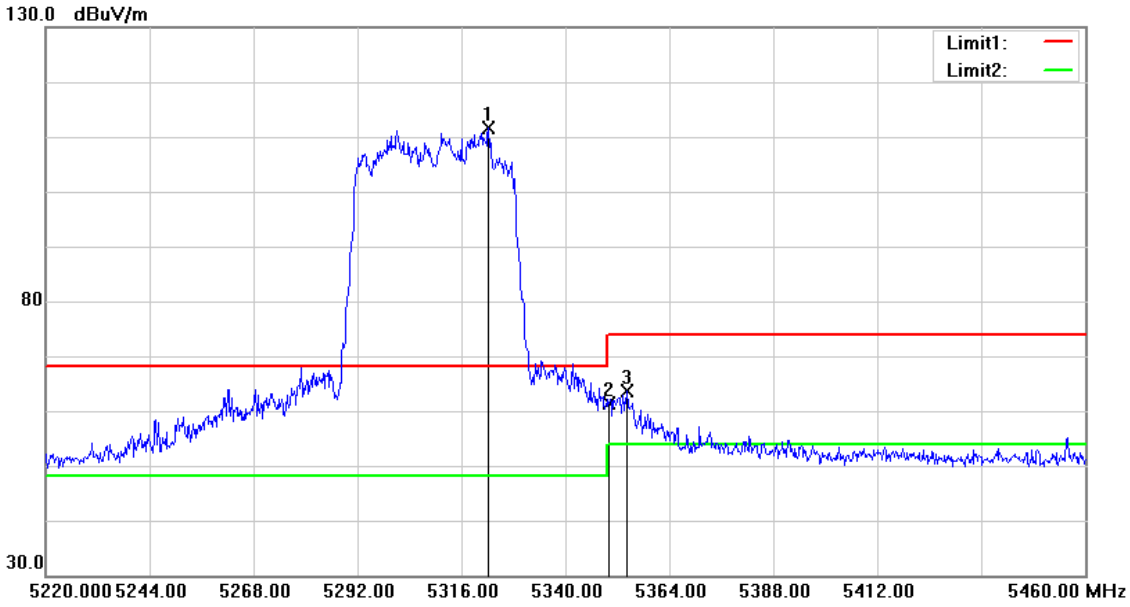
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.160	48.43	7.66	56.09	74.00	-17.91	peak
2	5150.000	46.84	7.66	54.50	74.00	-19.50	peak
3	5283.360	107.62	7.35	114.97	68.20	46.77	peak
4	5350.000	52.52	7.30	59.82	74.00	-14.18	peak
5	5362.080	56.31	7.28	63.59	74.00	-10.41	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5310 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



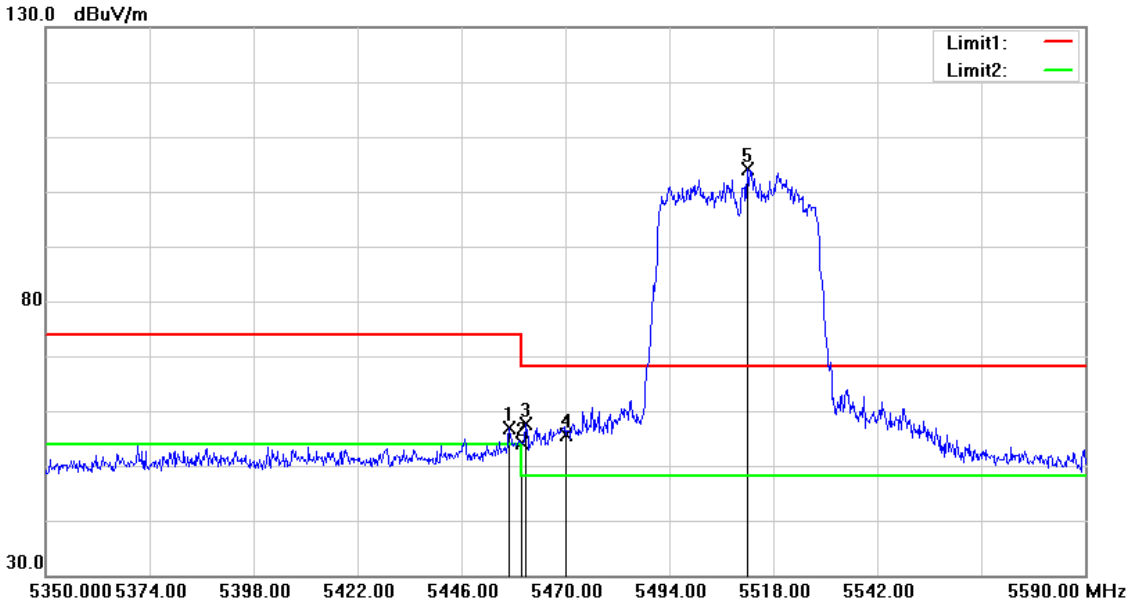
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5299.200	95.33	7.36	102.69	68.20	34.49	peak
2	5350.000	46.61	7.30	53.91	74.00	-20.09	peak
3	5351.520	47.86	7.30	55.16	74.00	-18.84	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5310 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



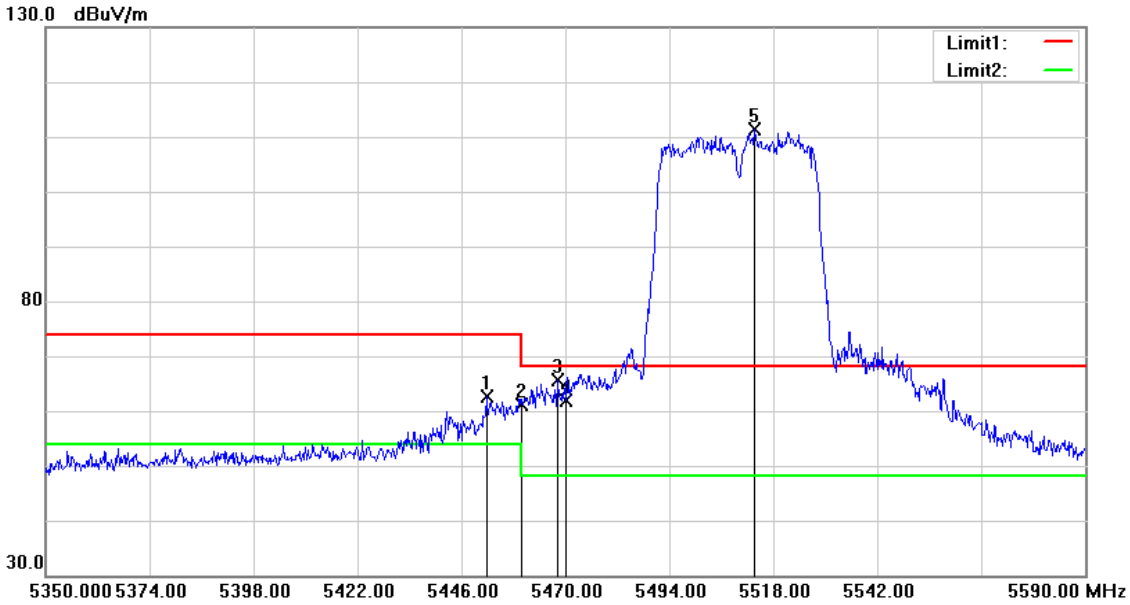
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5322.240	104.24	7.34	111.58	68.20	43.38	peak
2	5350.000	54.07	7.30	61.37	74.00	-12.63	peak
3	5354.160	56.42	7.29	63.71	74.00	-10.29	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5510 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



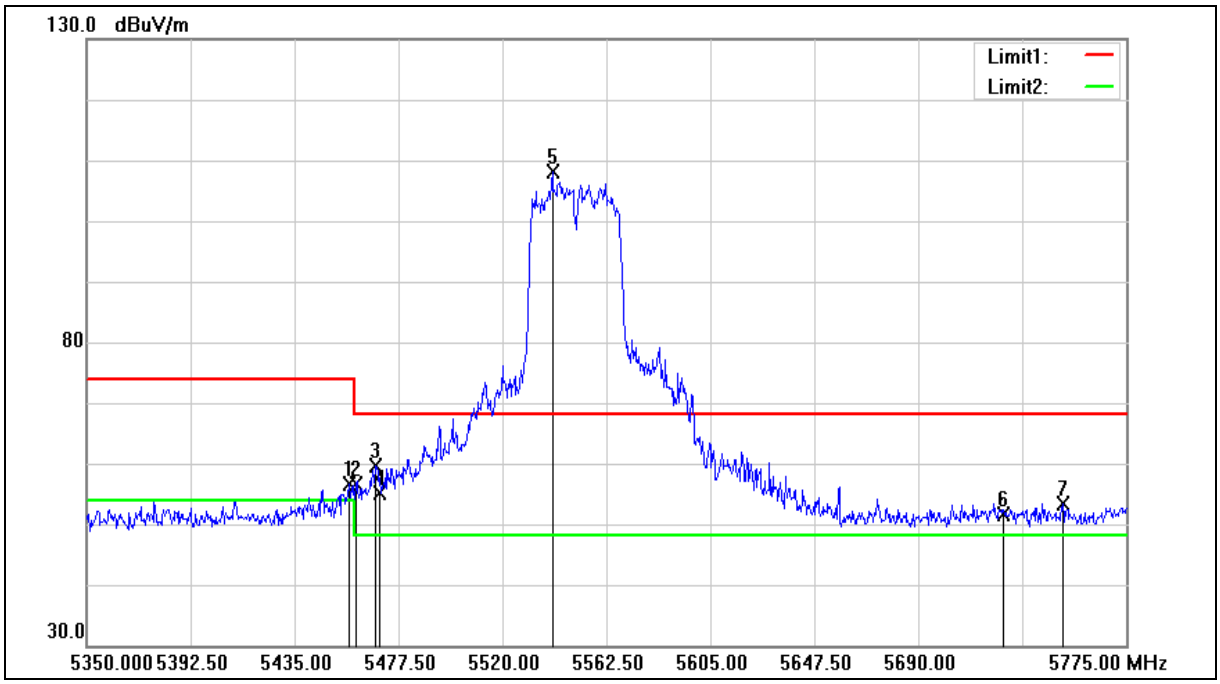
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.040	49.04	7.72	56.76	74.00	-17.24	peak
2	5460.000	46.50	7.74	54.24	74.00	-19.76	peak
3	5460.880	49.95	7.75	57.70	68.20	-10.50	peak
4	5470.000	47.86	7.83	55.69	68.20	-12.51	peak
5	5512.000	96.01	8.04	104.05	68.20	35.85	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5510 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5451.760	54.87	7.67	62.54	74.00	-11.46	peak
2	5460.000	53.31	7.74	61.05	74.00	-12.95	peak
3	5468.080	57.79	7.81	65.60	68.20	-2.60	peak
4	5470.000	54.04	7.83	61.87	68.20	-6.33	peak
5	5513.680	103.37	8.04	111.41	68.20	43.21	peak

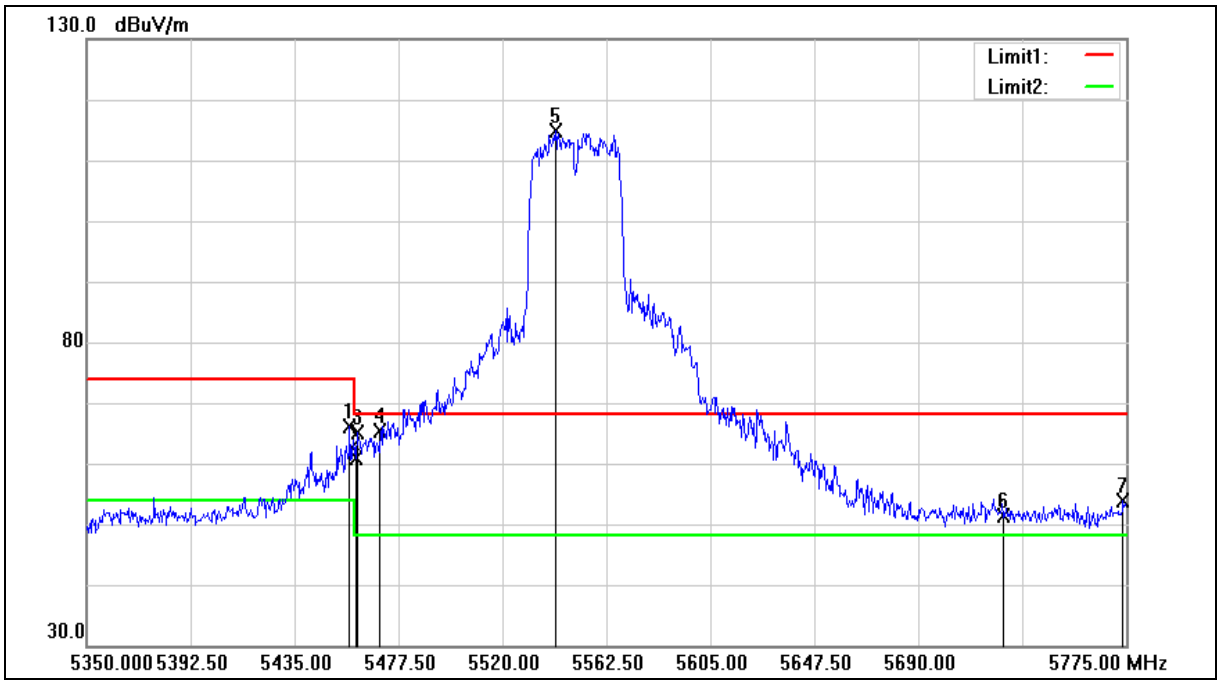
Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5550 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5550 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.525	48.79	7.72	56.51	74.00	-17.49	peak
2	5460.000	48.85	7.74	56.59	74.00	-17.41	peak
3	5468.150	51.70	7.82	59.52	68.20	-8.68	peak
4	5470.000	47.40	7.83	55.23	68.20	-12.97	peak
5	5540.400	100.09	7.93	108.02	68.20	39.82	peak
6	5725.000	43.65	8.10	51.75	68.20	-16.45	peak
7	5749.075	45.21	8.24	53.45	68.20	-14.75	peak

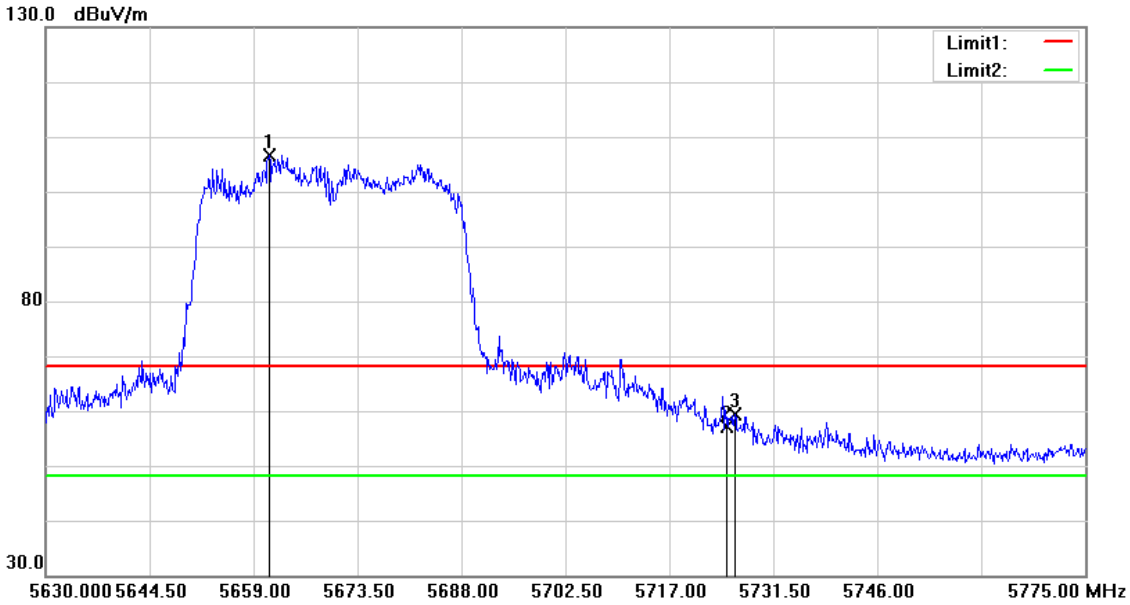
Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5550 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5550 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		

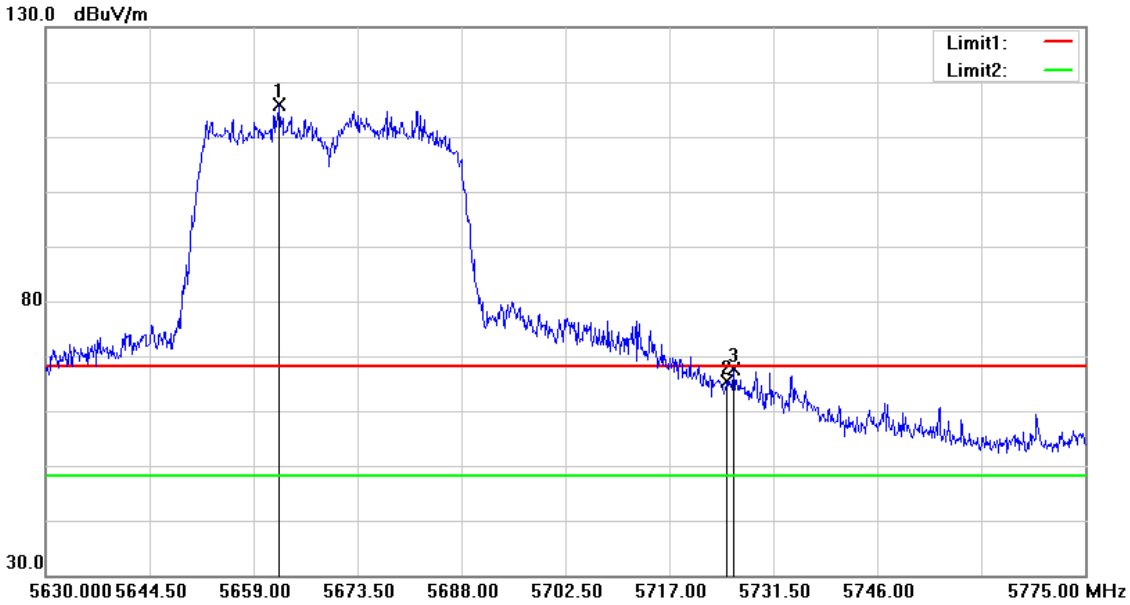
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.525	58.48	7.72	66.20	74.00	-7.80	peak
2	5460.000	53.25	7.74	60.99	74.00	-13.01	peak
3	5460.500	57.38	7.74	65.12	68.20	-3.08	peak
4	5470.000	57.60	7.83	65.43	68.20	-2.77	peak
5	5541.675	106.89	7.92	114.81	68.20	46.61	peak
6	5725.000	43.20	8.10	51.30	68.20	-16.90	peak
7	5773.725	45.31	8.57	53.88	68.20	-14.32	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5670 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



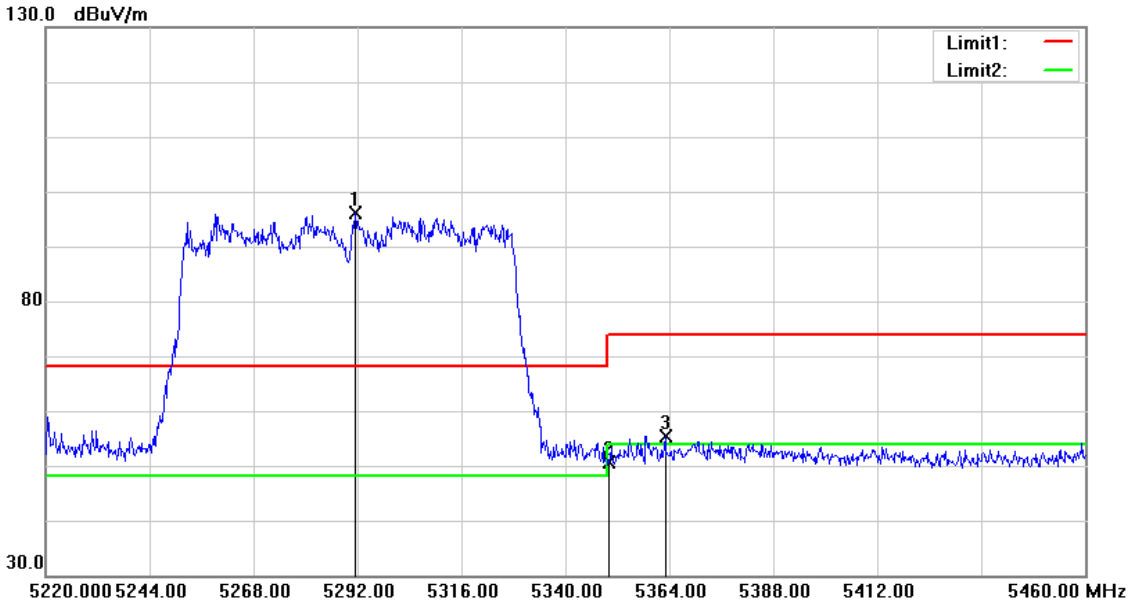
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5661.175	98.44	8.11	106.55	68.20	38.35	peak
2	5725.000	48.96	8.10	57.06	68.20	-11.14	peak
3	5726.135	51.17	8.10	59.27	68.20	-8.93	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5670 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



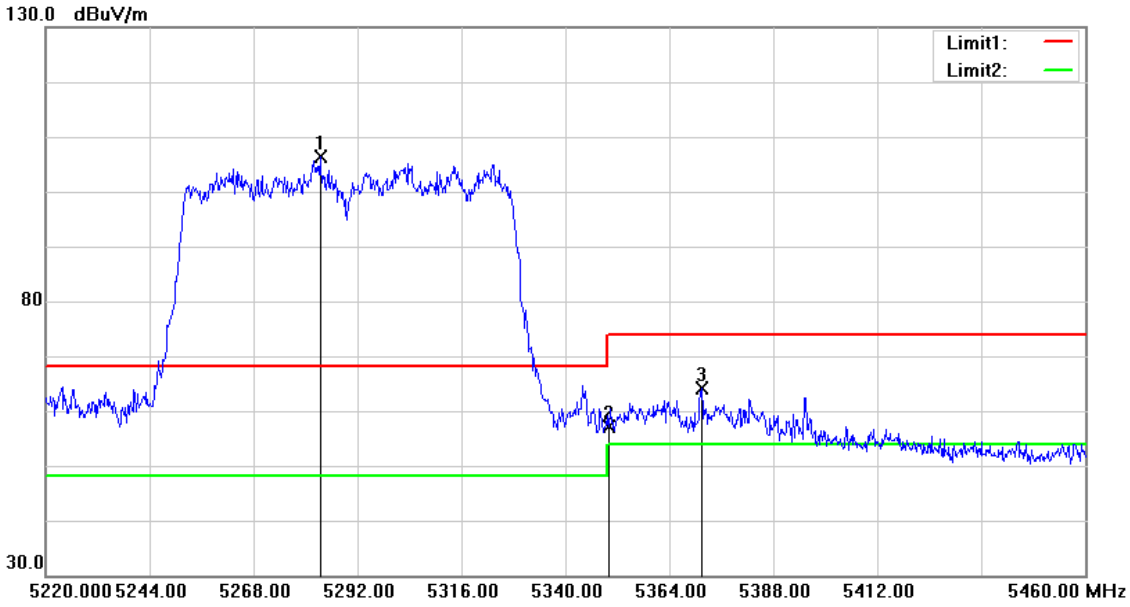
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5662.625	107.68	8.10	115.78	68.20	47.58	peak
2	5725.000	57.29	8.10	65.39	68.20	-2.81	peak
3	5725.990	59.44	8.10	67.54	68.20	-0.66	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Horizontal		



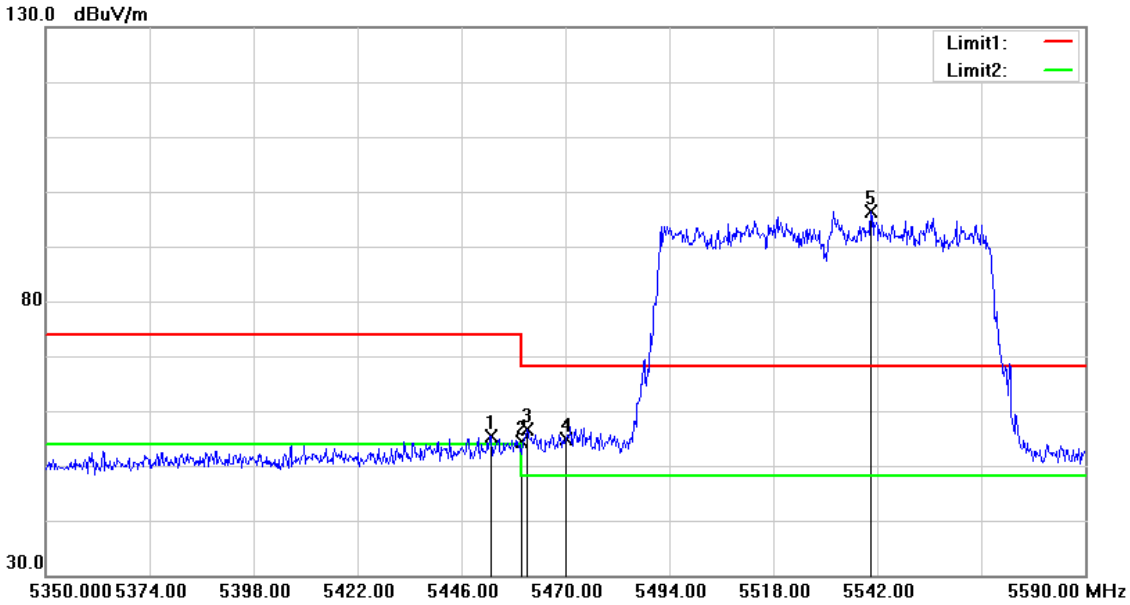
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5291.520	88.76	7.35	96.11	68.20	27.91	peak
2	5350.000	43.29	7.30	50.59	74.00	-23.41	peak
3	5363.040	48.23	7.27	55.50	74.00	-18.50	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Vertical		



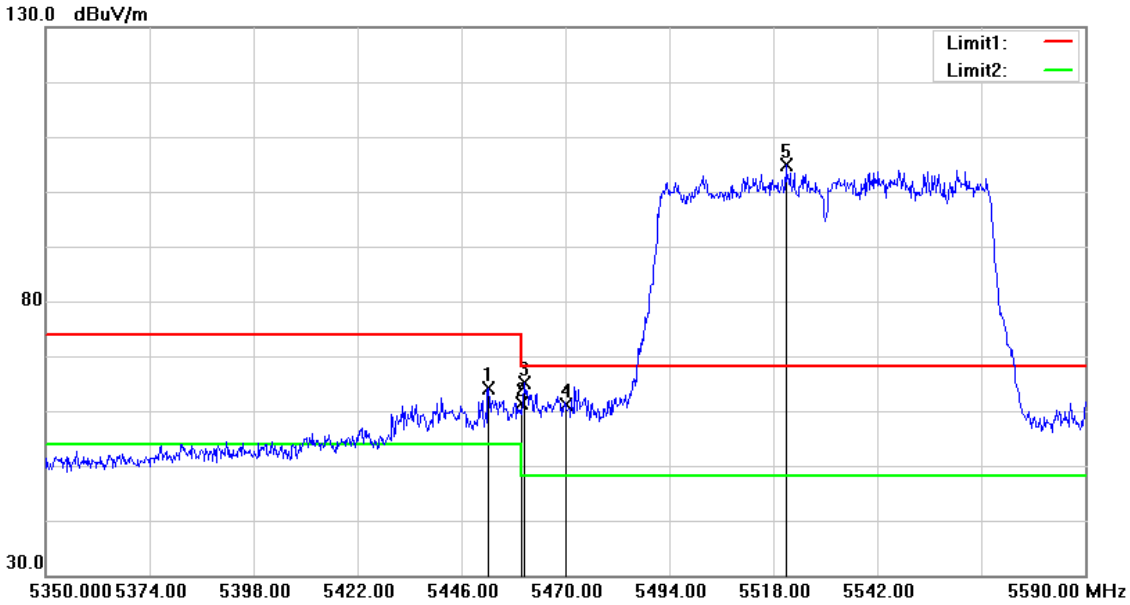
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5283.360	98.93	7.35	106.28	68.20	38.08	peak
2	5350.000	49.84	7.30	57.14	74.00	-16.86	peak
3	5371.440	56.78	7.27	64.05	74.00	-9.95	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5530 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5452.960	47.66	7.68	55.34	74.00	-18.66	peak
2	5460.000	46.75	7.74	54.49	74.00	-19.51	peak
3	5461.120	48.78	7.75	56.53	68.20	-11.67	peak
4	5470.000	47.09	7.83	54.92	68.20	-13.28	peak
5	5540.560	88.38	7.93	96.31	68.20	28.11	peak

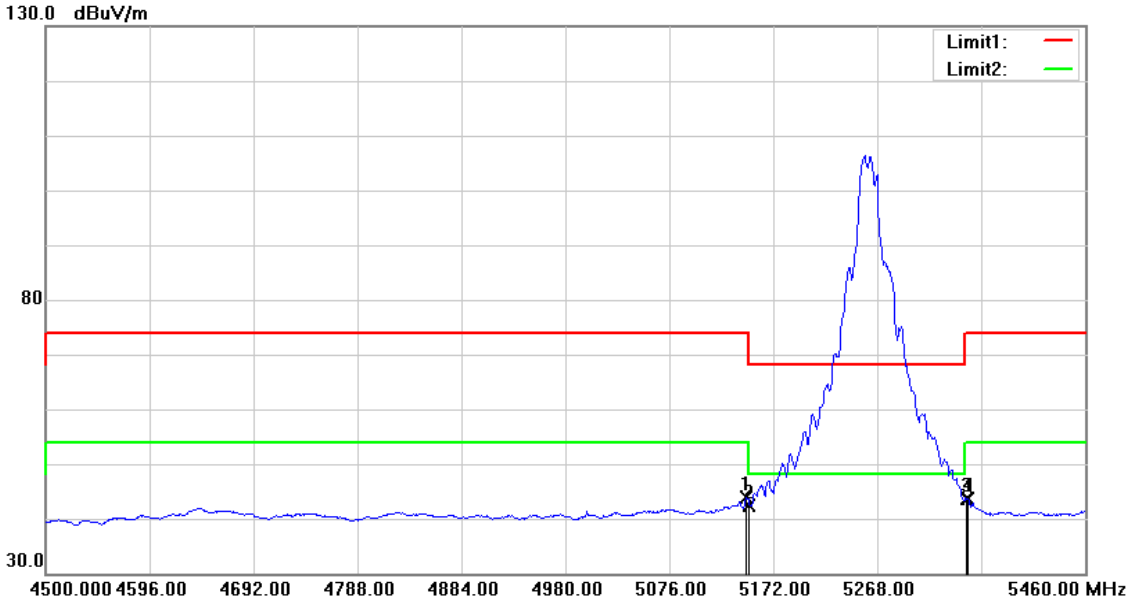
Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5530 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5452.240	56.57	7.68	64.25	74.00	-9.75	peak
2	5460.000	53.65	7.74	61.39	74.00	-12.61	peak
3	5460.640	57.42	7.75	65.17	68.20	-3.03	peak
4	5470.000	53.28	7.83	61.11	68.20	-7.09	peak
5	5520.880	96.91	8.00	104.91	68.20	36.71	peak

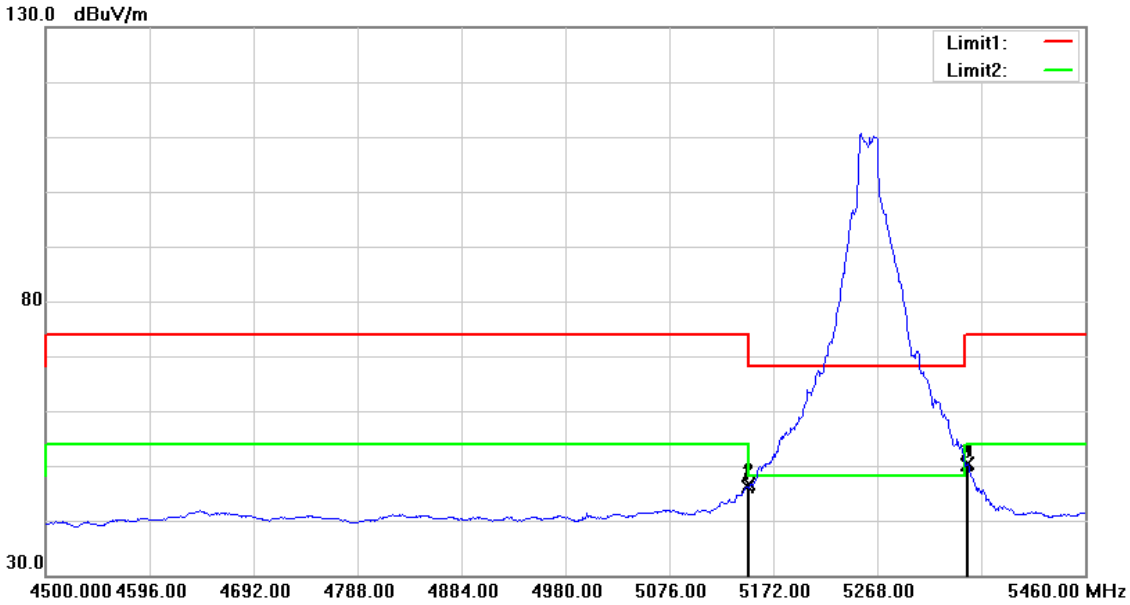
Average

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



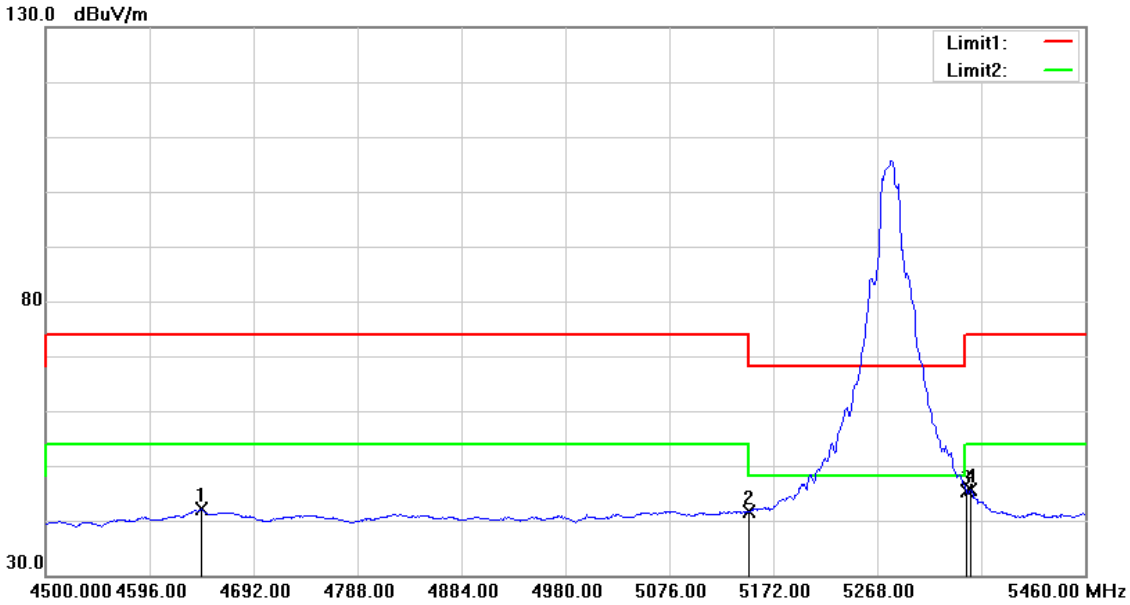
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.040	36.10	7.66	43.76	54.00	-10.24	AVG
2	5150.000	34.72	7.66	42.38	54.00	-11.62	AVG
3	5350.000	36.44	7.30	43.74	54.00	-10.26	AVG
4	5351.520	36.25	7.30	43.55	54.00	-10.45	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



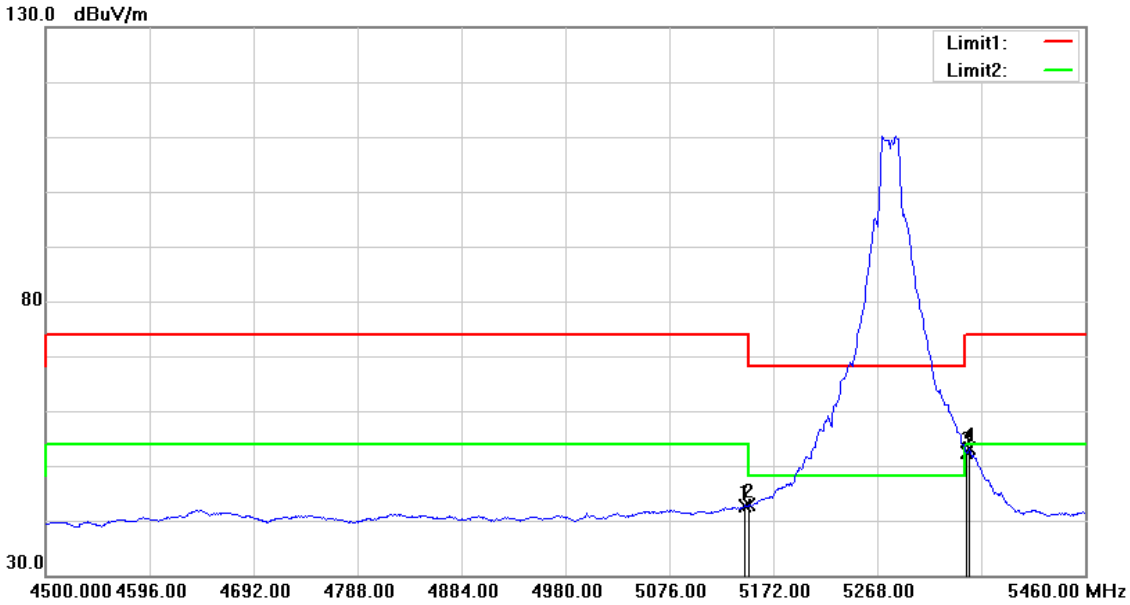
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.000	38.57	7.65	46.22	54.00	-7.78	AVG
2	5150.000	38.90	7.66	46.56	54.00	-7.44	AVG
3	5350.000	42.91	7.30	50.21	54.00	-3.79	AVG
4	5351.520	43.10	7.30	50.40	54.00	-3.60	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



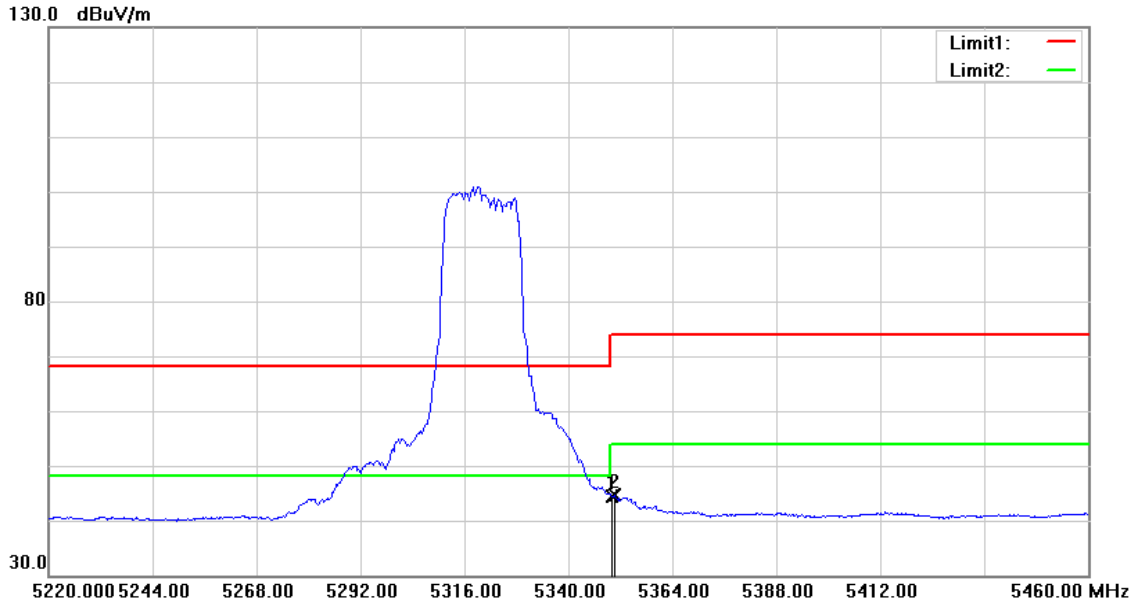
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4644.000	35.83	6.18	42.01	54.00	-11.99	AVG
2	5150.000	33.91	7.66	41.57	54.00	-12.43	AVG
3	5350.000	38.14	7.30	45.44	54.00	-8.56	AVG
4	5354.400	38.30	7.29	45.59	54.00	-8.41	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



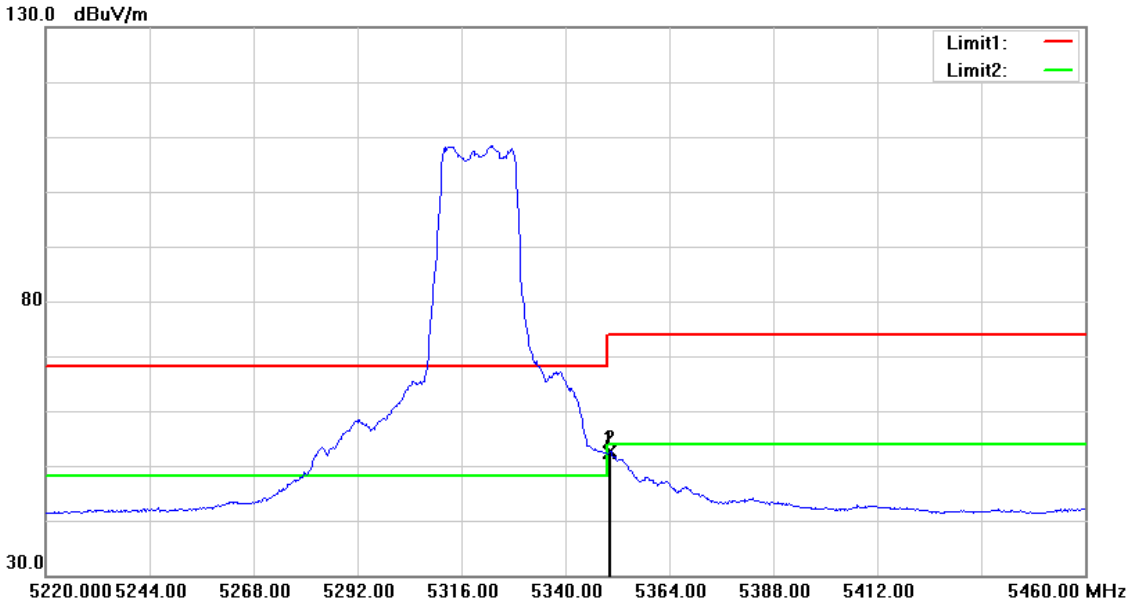
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.080	35.09	7.66	42.75	54.00	-11.25	AVG
2	5150.000	35.10	7.66	42.76	54.00	-11.24	AVG
3	5350.000	45.19	7.30	52.49	54.00	-1.51	AVG
4	5353.440	45.72	7.29	53.01	54.00	-0.99	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



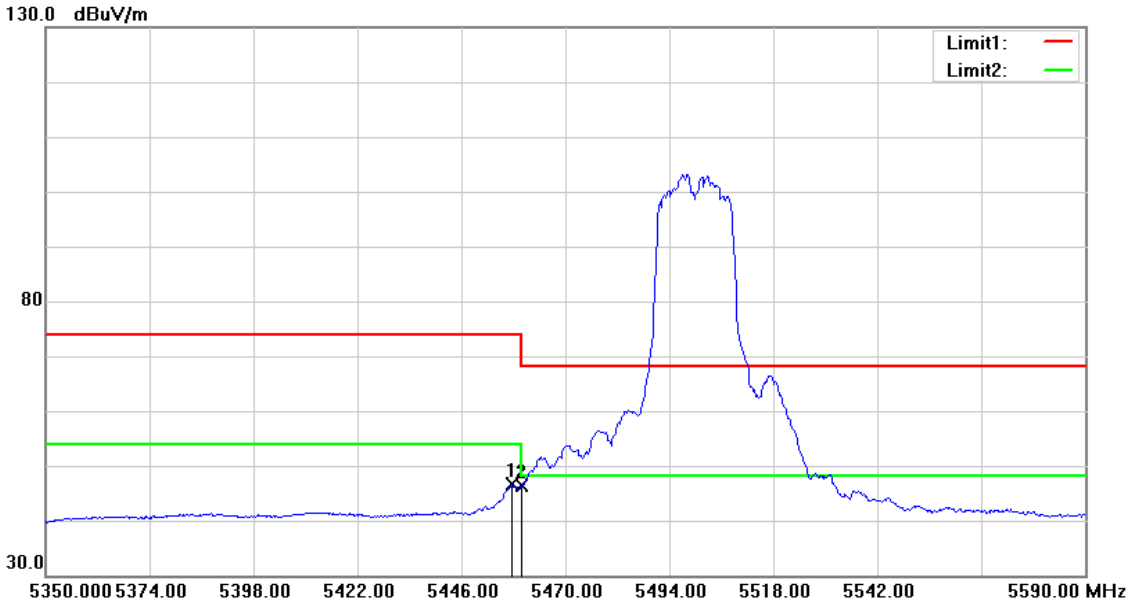
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	37.14	7.30	44.44	54.00	-9.56	AVG
2	5350.800	37.32	7.30	44.62	54.00	-9.38	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



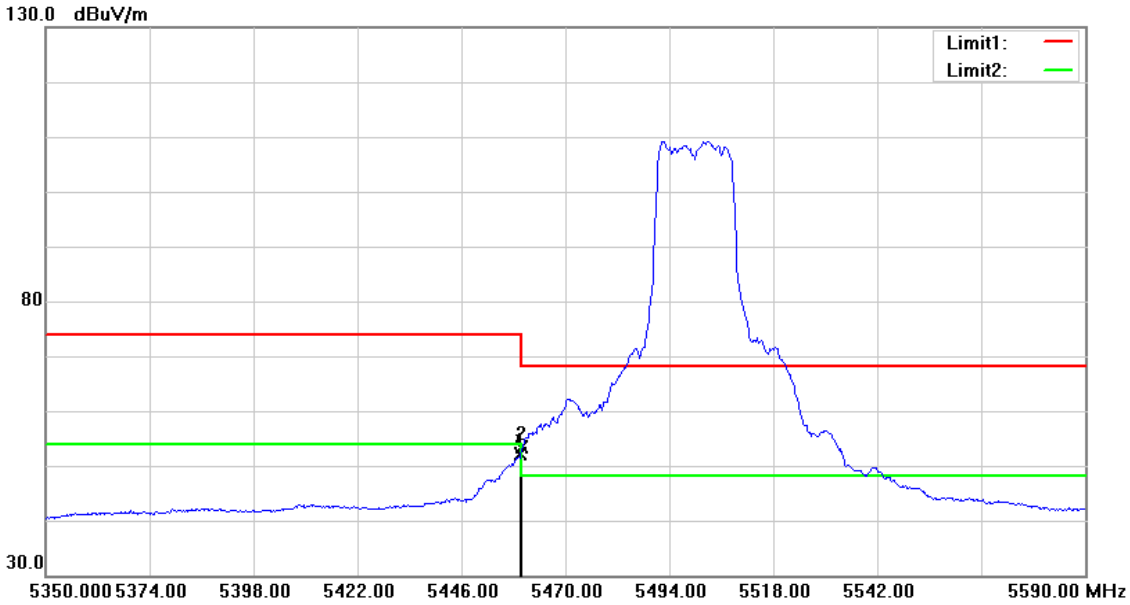
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	44.97	7.30	52.27	54.00	-1.73	AVG
2	5350.320	45.27	7.30	52.57	54.00	-1.43	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



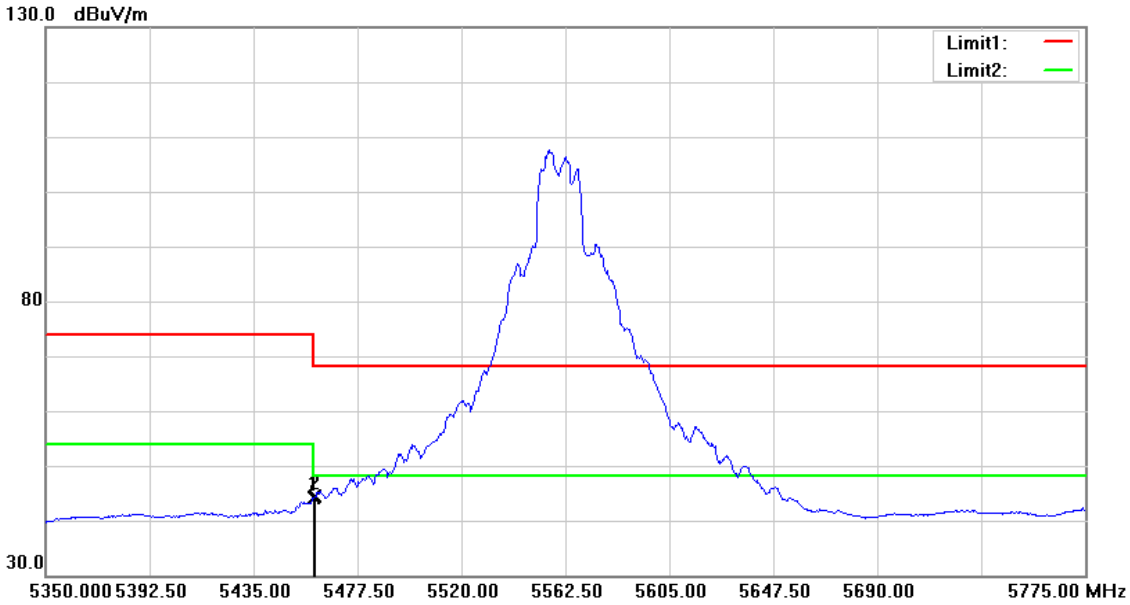
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.520	38.86	7.72	46.58	54.00	-7.42	AVG
2	5460.000	38.76	7.74	46.50	54.00	-7.50	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



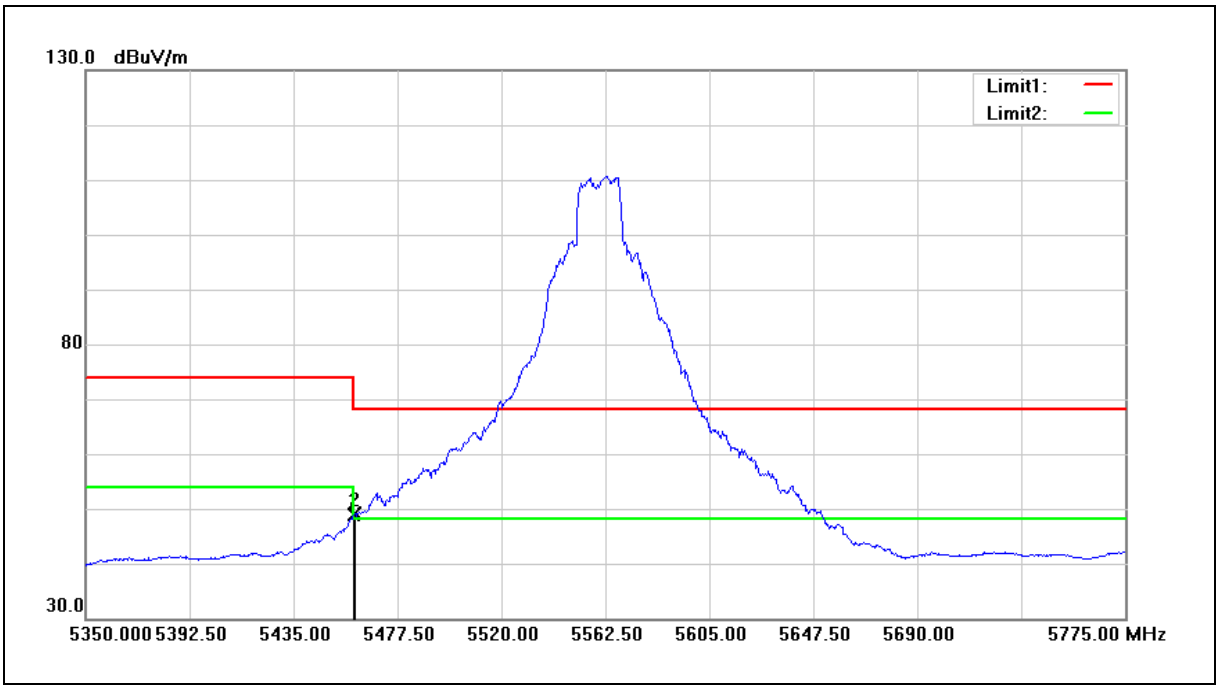
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.680	44.33	7.74	52.07	54.00	-1.93	AVG
2	5460.000	45.75	7.74	53.49	54.00	-0.51	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



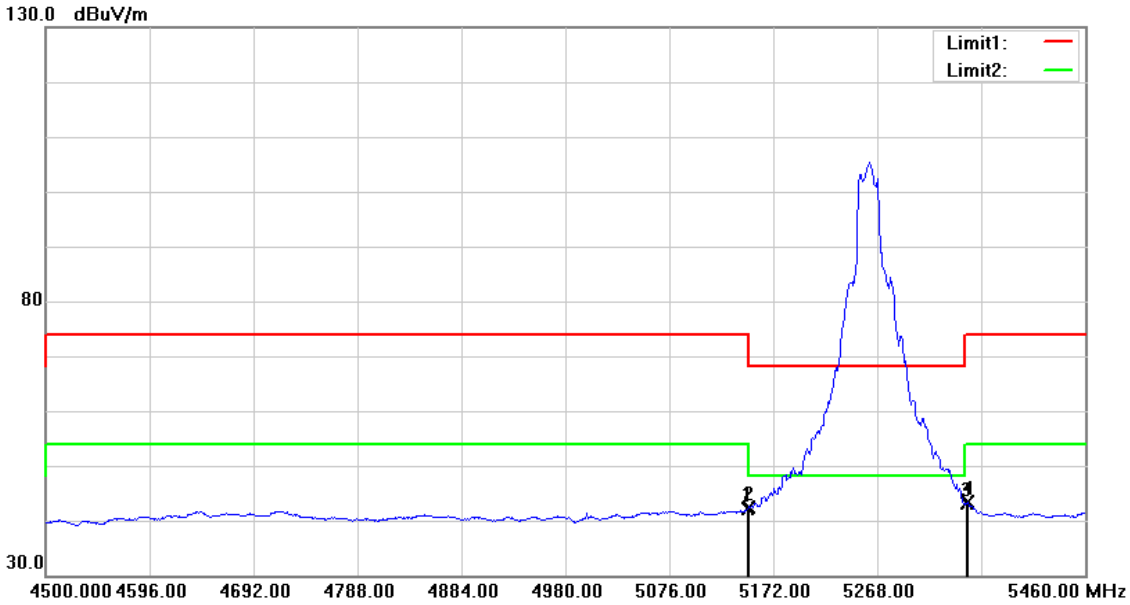
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.650	36.36	7.74	44.10	54.00	-9.90	AVG
2	5460.000	36.52	7.74	44.26	54.00	-9.74	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



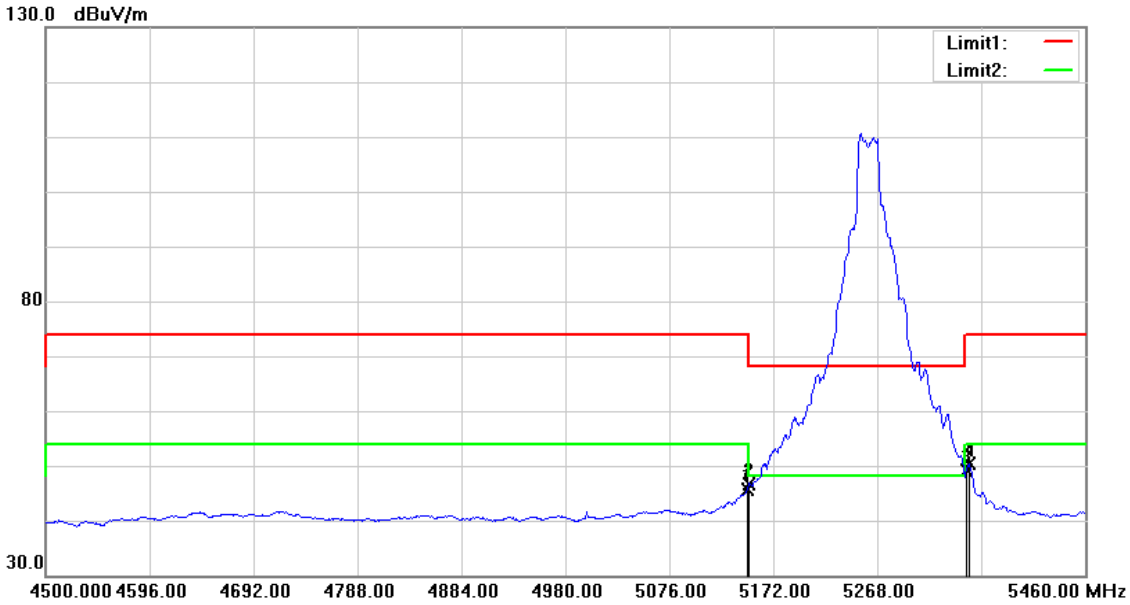
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.650	41.06	7.74	48.80	54.00	-5.20	AVG
2	5460.000	41.29	7.74	49.03	54.00	-4.97	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



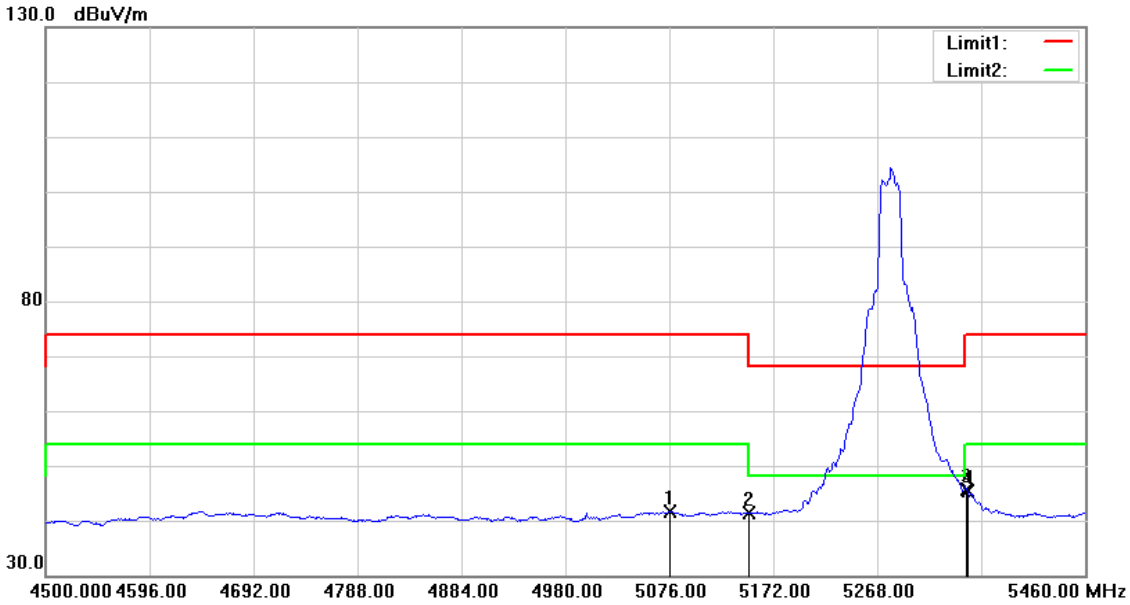
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.000	34.44	7.65	42.09	54.00	-11.91	AVG
2	5150.000	34.78	7.66	42.44	54.00	-11.56	AVG
3	5350.000	35.87	7.30	43.17	54.00	-10.83	AVG
4	5351.520	36.07	7.30	43.37	54.00	-10.63	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



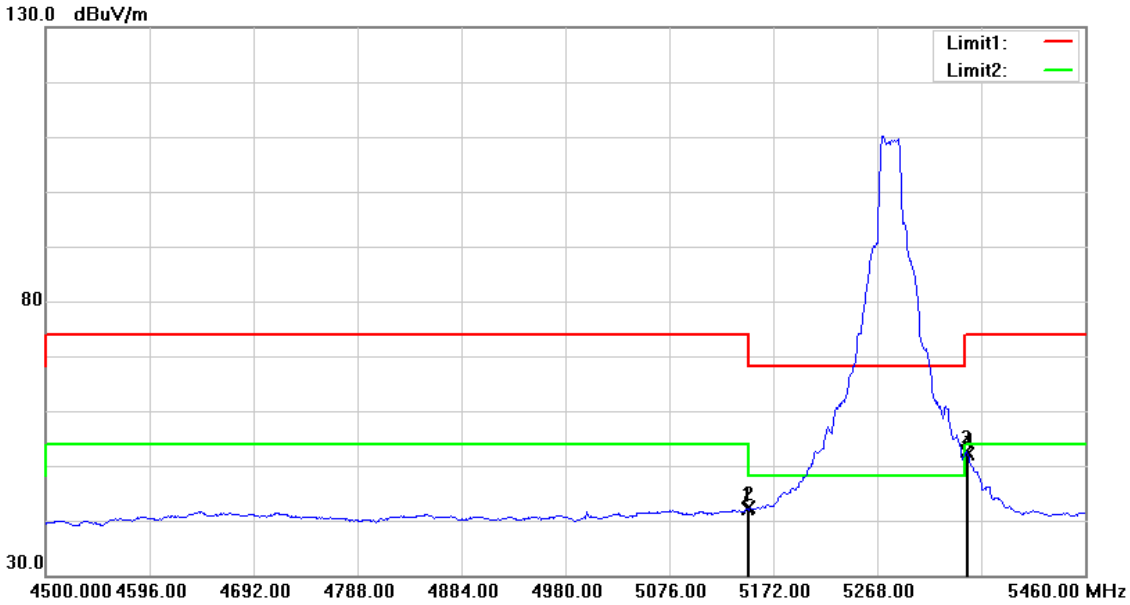
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.000	37.90	7.65	45.55	54.00	-8.45	AVG
2	5150.000	39.04	7.66	46.70	54.00	-7.30	AVG
3	5350.000	41.82	7.30	49.12	54.00	-4.88	AVG
4	5352.480	43.10	7.30	50.40	54.00	-3.60	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



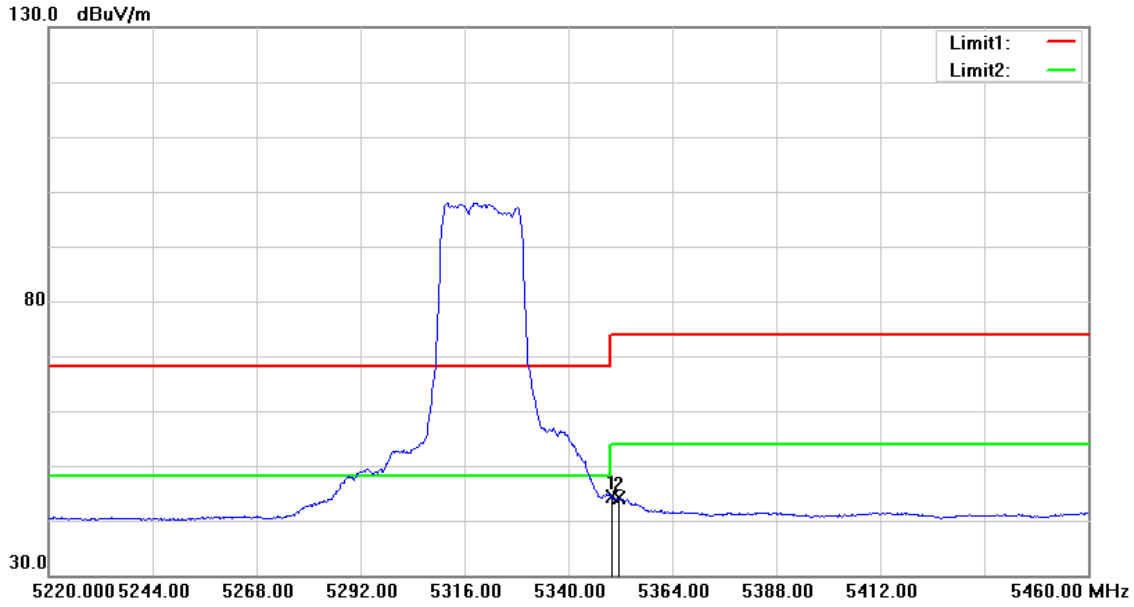
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5076.960	34.02	7.57	41.59	54.00	-12.41	AVG
2	5150.000	33.71	7.66	41.37	54.00	-12.63	AVG
3	5350.000	38.32	7.30	45.62	54.00	-8.38	AVG
4	5351.520	37.98	7.30	45.28	54.00	-8.72	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



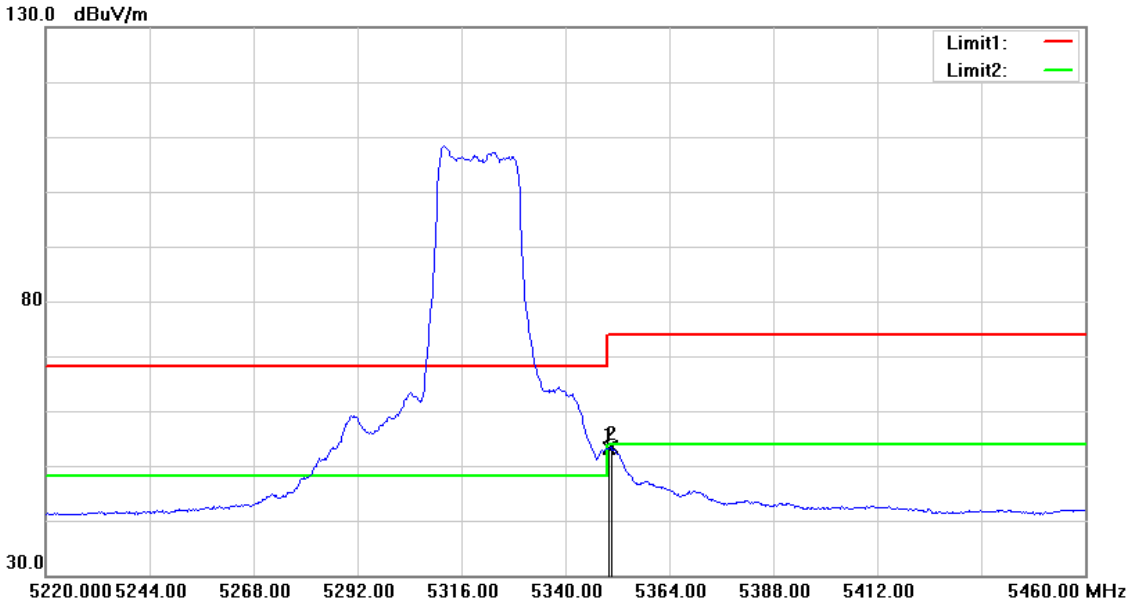
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.000	34.41	7.65	42.06	54.00	-11.94	AVG
2	5150.000	34.68	7.66	42.34	54.00	-11.66	AVG
3	5350.000	45.23	7.30	52.53	54.00	-1.47	AVG
4	5351.520	44.76	7.30	52.06	54.00	-1.94	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



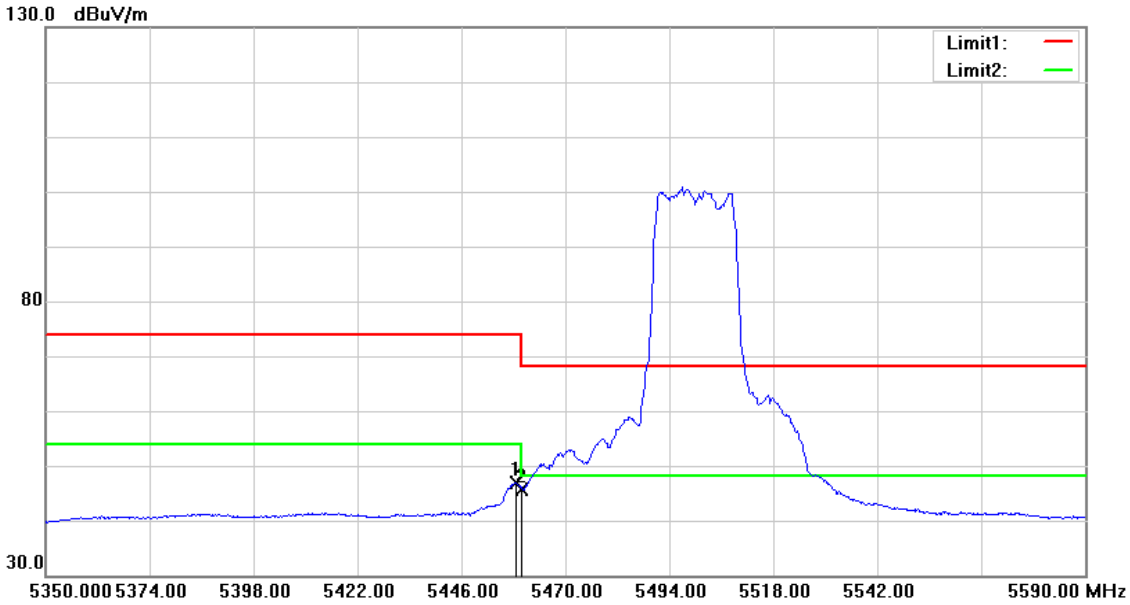
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	37.00	7.30	44.30	54.00	-9.70	AVG
2	5351.760	36.77	7.30	44.07	54.00	-9.93	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



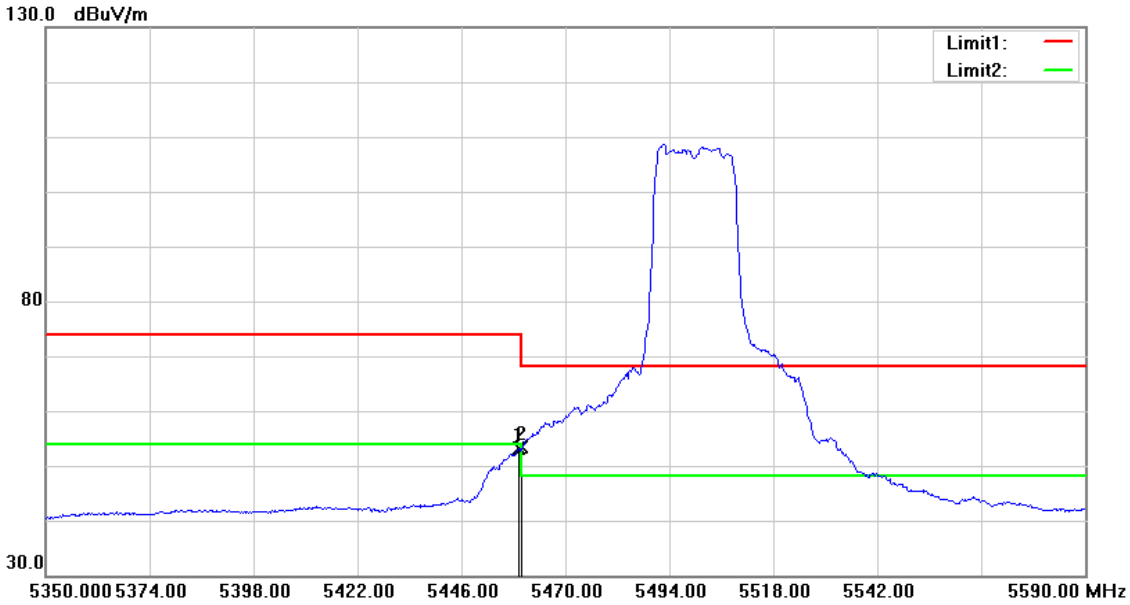
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	45.80	7.30	53.10	54.00	-0.90	AVG
2	5350.560	46.18	7.30	53.48	54.00	-0.52	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



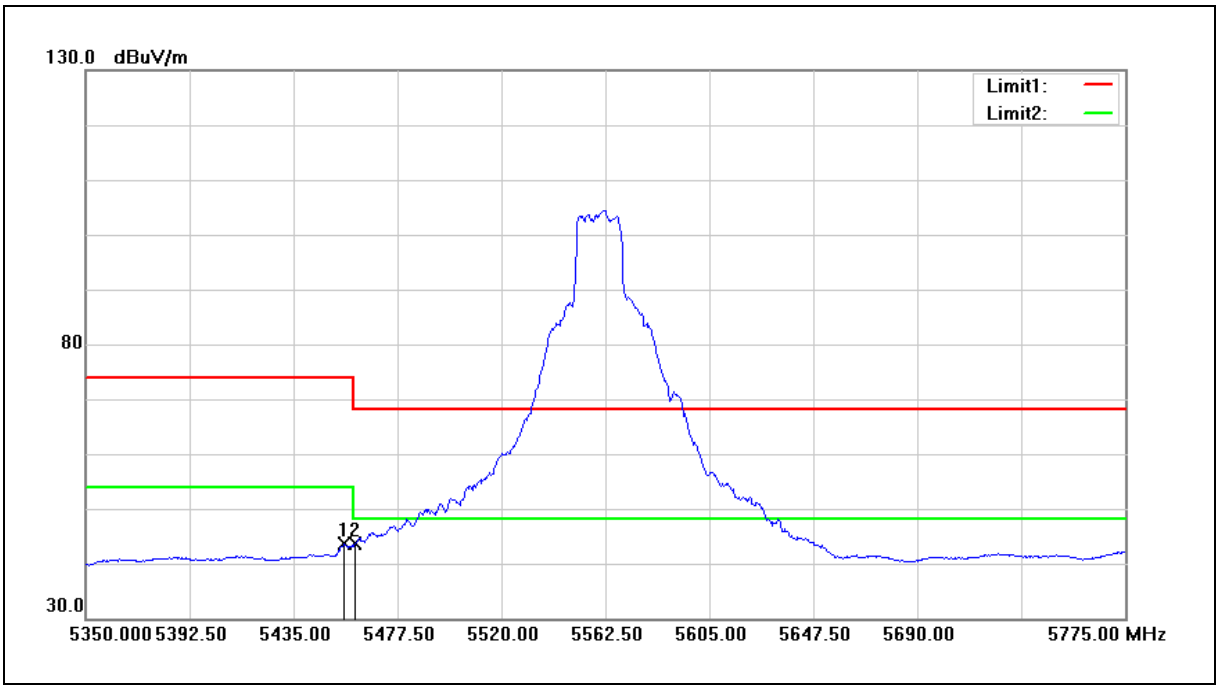
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5458.720	39.08	7.73	46.81	54.00	-7.19	AVG
2	5460.000	37.80	7.74	45.54	54.00	-8.46	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



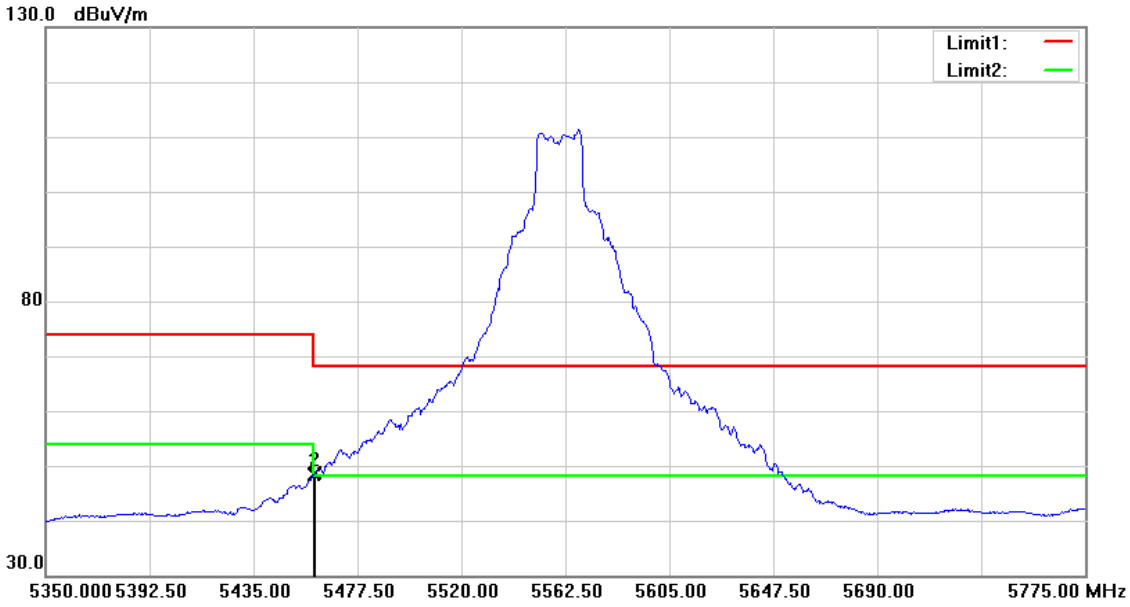
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.200	45.30	7.73	53.03	54.00	-0.97	AVG
2	5460.000	45.71	7.74	53.45	54.00	-0.55	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



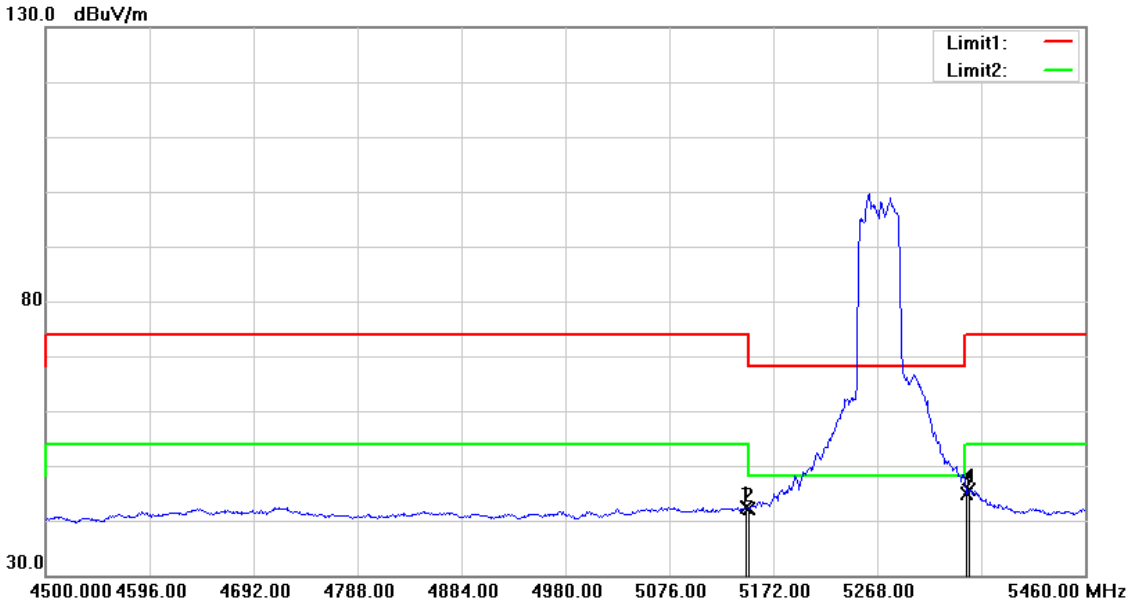
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.825	35.88	7.71	43.59	54.00	-10.41	AVG
2	5460.000	35.79	7.74	43.53	54.00	-10.47	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



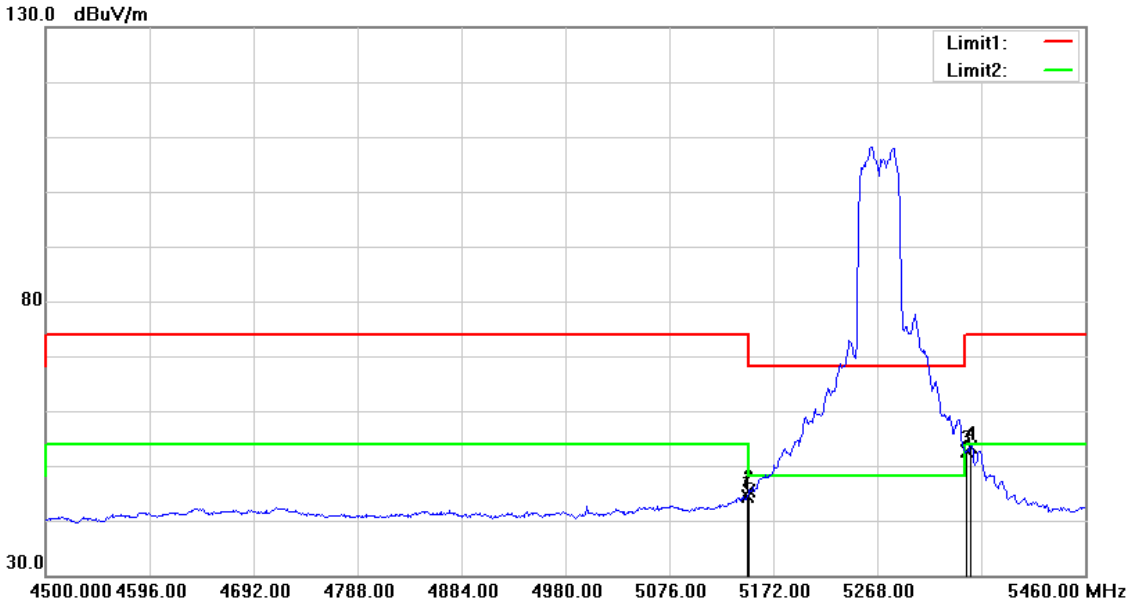
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.650	40.66	7.74	48.40	54.00	-5.60	AVG
2	5460.000	41.01	7.74	48.75	54.00	-5.25	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



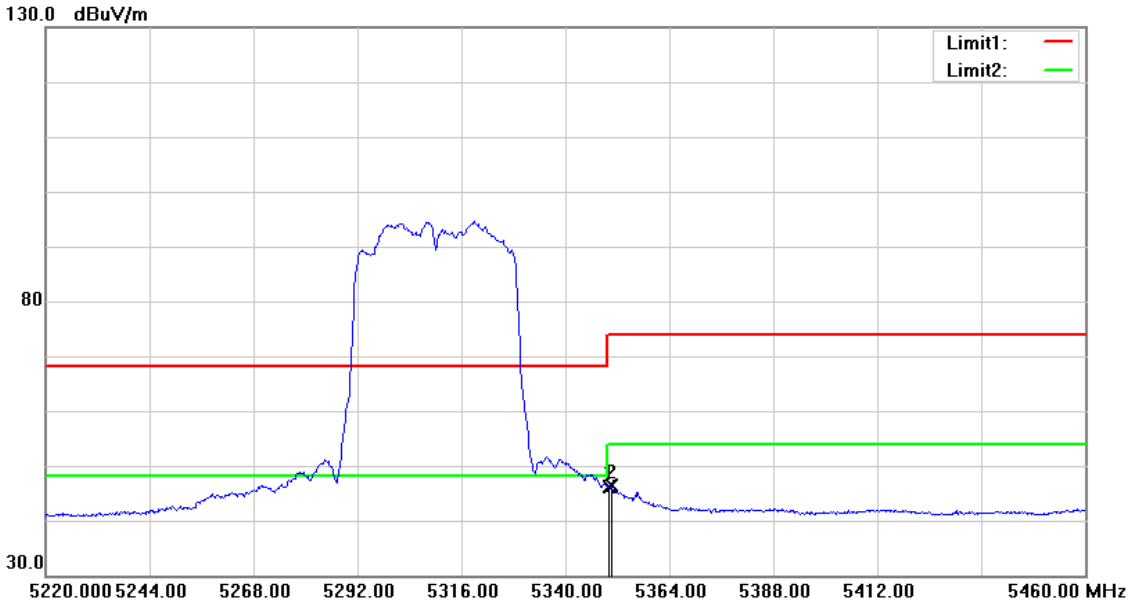
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.040	34.79	7.66	42.45	54.00	-11.55	AVG
2	5150.000	34.49	7.66	42.15	54.00	-11.85	AVG
3	5350.000	37.62	7.30	44.92	54.00	-9.08	AVG
4	5353.440	38.42	7.29	45.71	54.00	-8.29	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



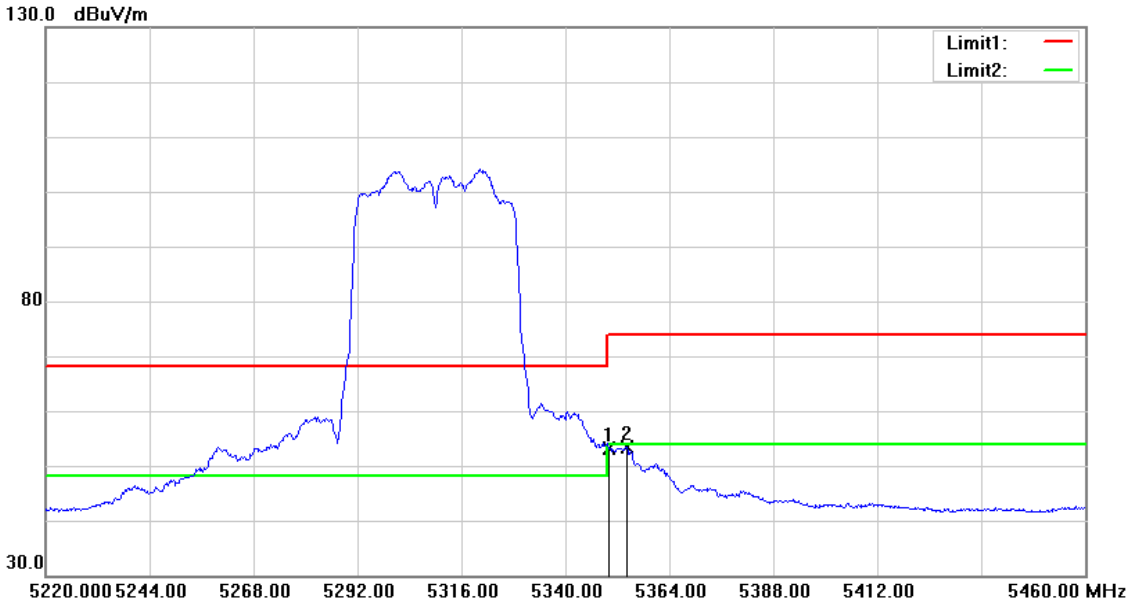
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.000	36.72	7.65	44.37	54.00	-9.63	AVG
2	5150.000	37.68	7.66	45.34	54.00	-8.66	AVG
3	5350.000	45.44	7.30	52.74	54.00	-1.26	AVG
4	5354.400	46.16	7.29	53.45	54.00	-0.55	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5310 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



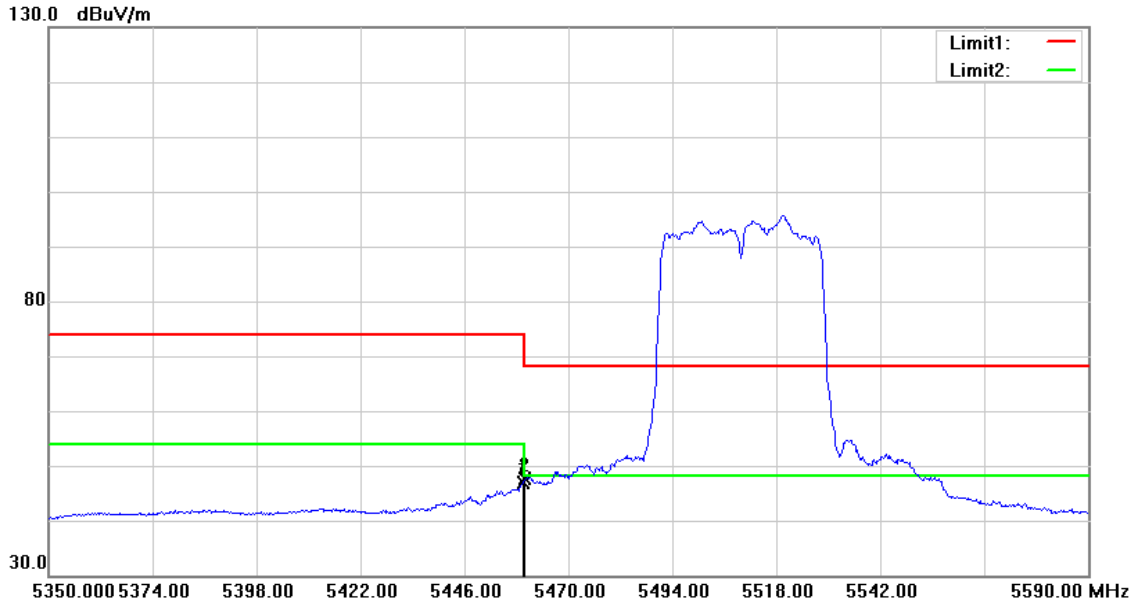
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	38.75	7.30	46.05	54.00	-7.95	AVG
2	5350.560	39.13	7.30	46.43	54.00	-7.57	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5310 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



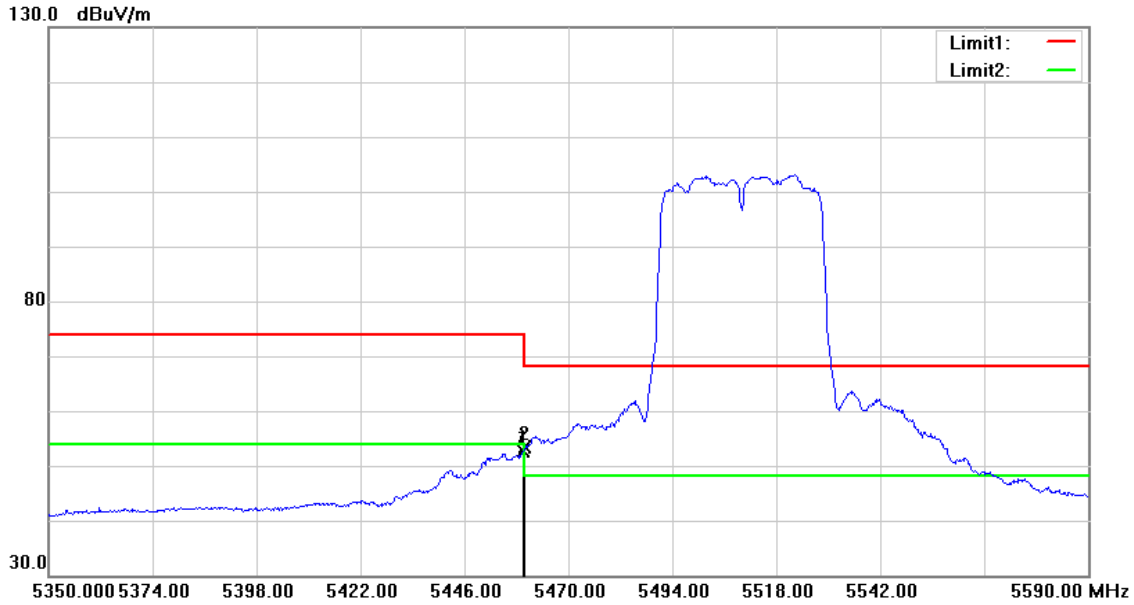
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	45.89	7.30	53.19	54.00	-0.81	AVG
2	5354.160	46.02	7.29	53.31	54.00	-0.69	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5510 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



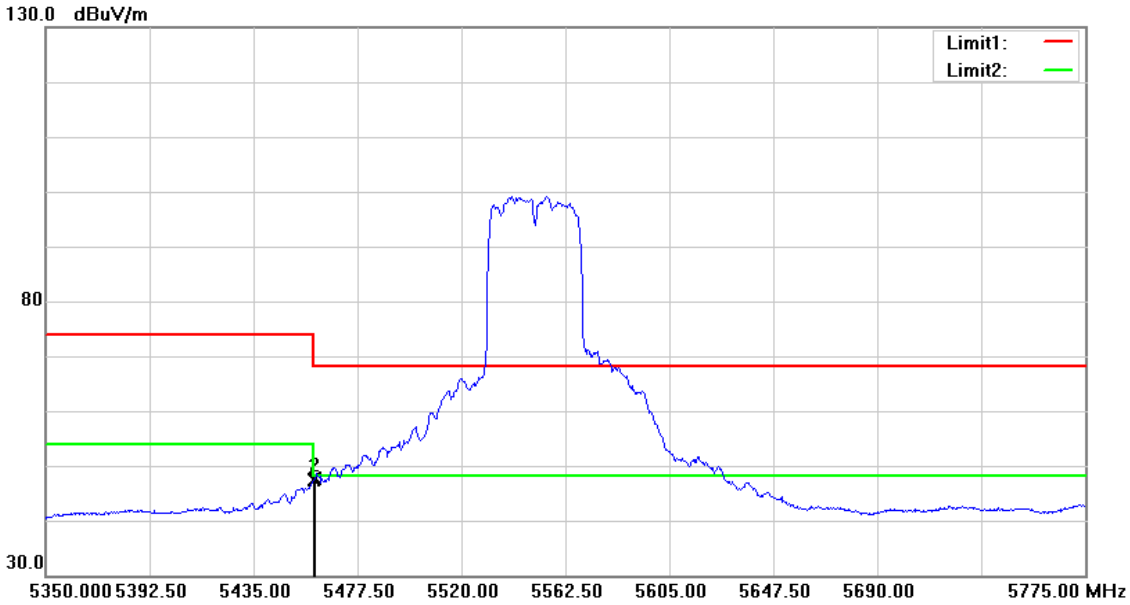
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.440	39.04	7.74	46.78	54.00	-7.22	AVG
2	5460.000	39.91	7.74	47.65	54.00	-6.35	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5510 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



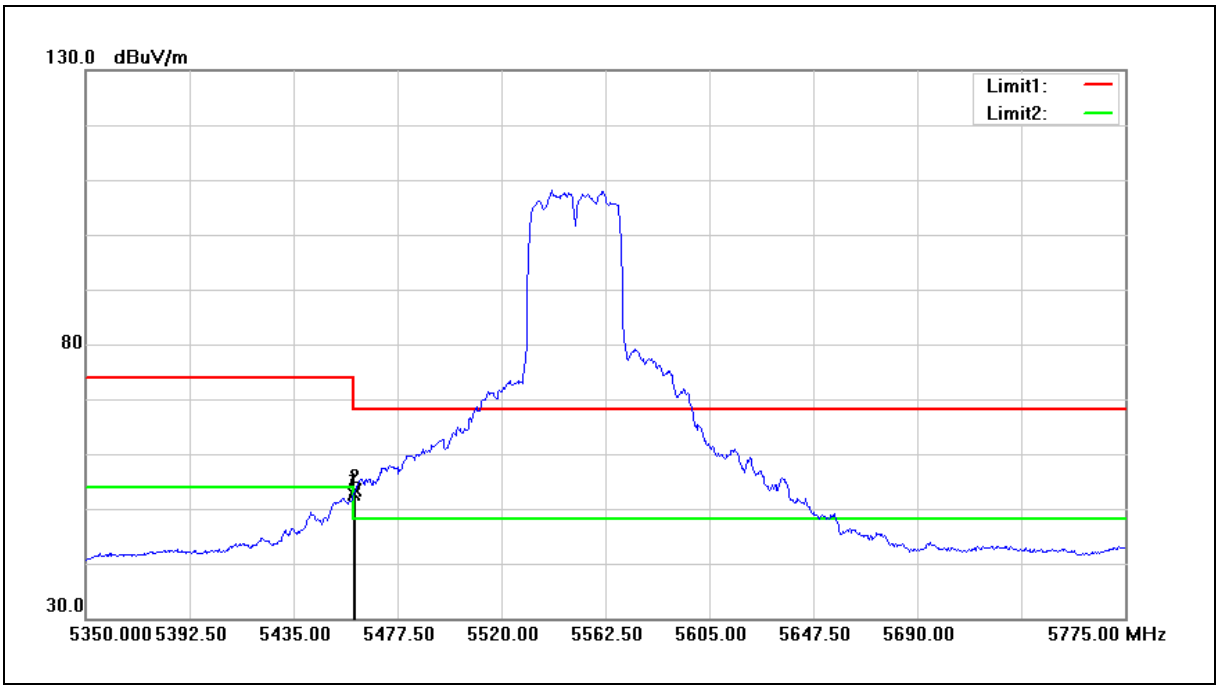
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.680	44.96	7.74	52.70	54.00	-1.30	AVG
2	5460.000	45.75	7.74	53.49	54.00	-0.51	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5550 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



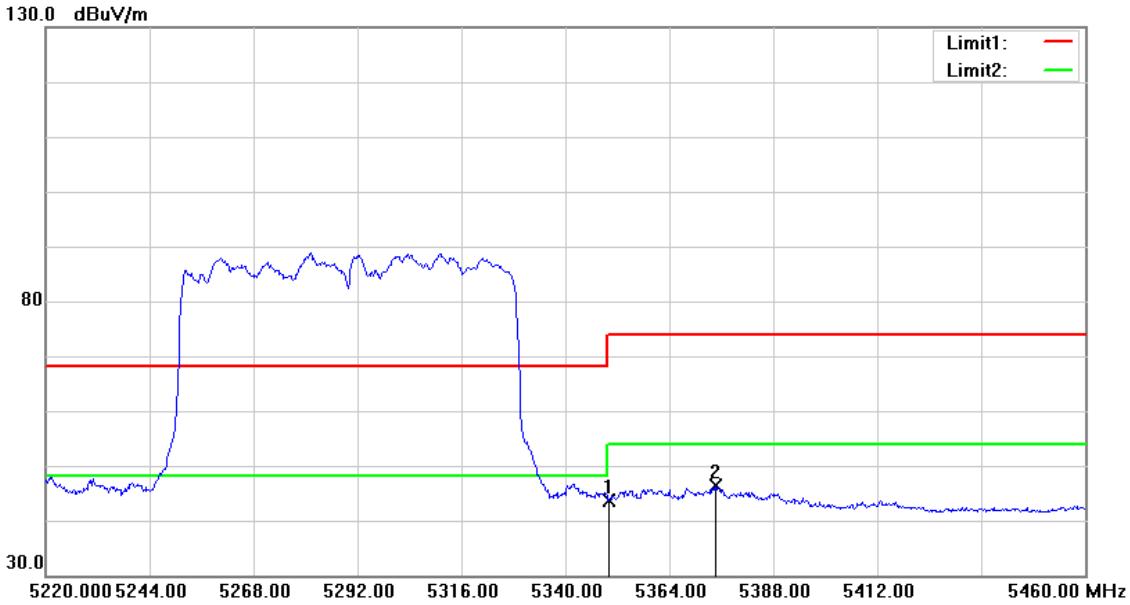
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.650	39.74	7.74	47.48	54.00	-6.52	AVG
2	5460.000	39.99	7.74	47.73	54.00	-6.27	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5550 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



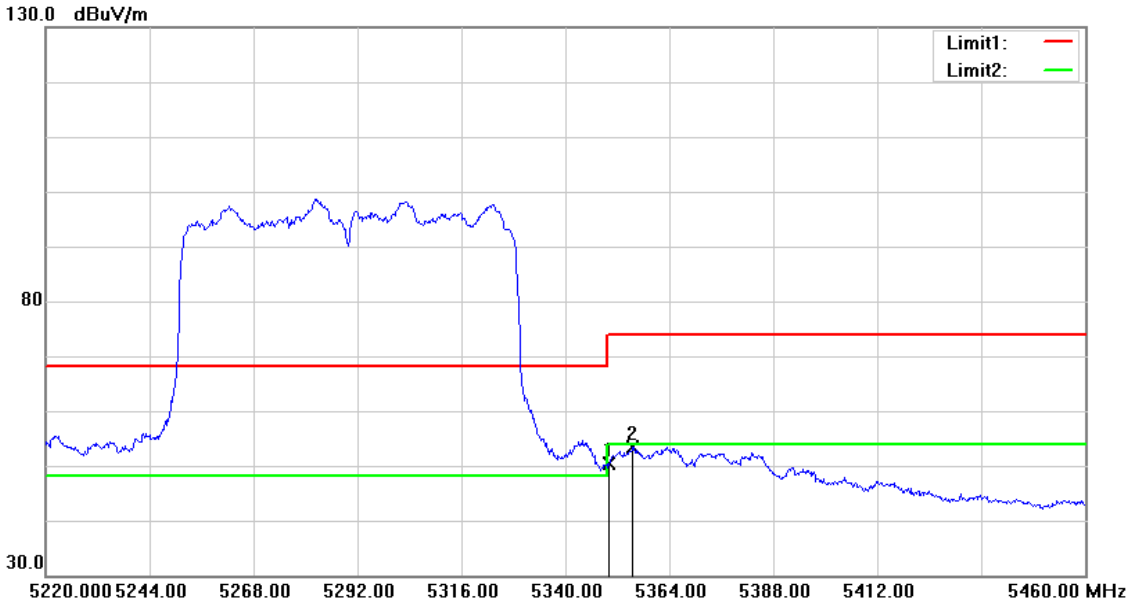
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.650	44.93	7.74	52.67	54.00	-1.33	AVG
2	5460.000	45.68	7.74	53.42	54.00	-0.58	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Horizontal		



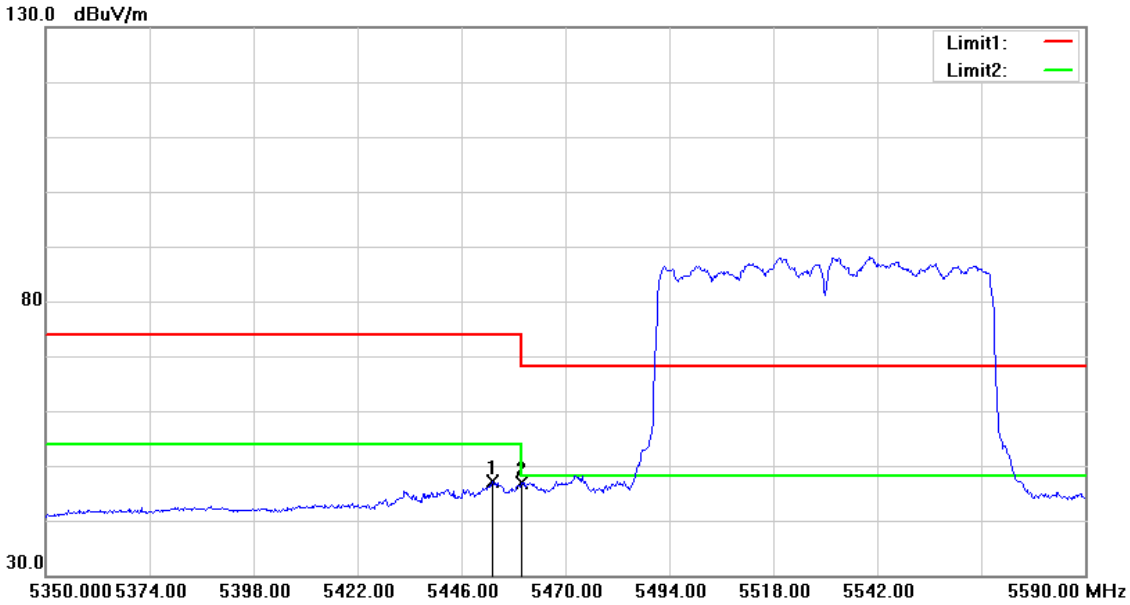
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	36.27	7.30	43.57	54.00	-10.43	AVG
2	5374.560	39.07	7.26	46.33	54.00	-7.67	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Vertical		



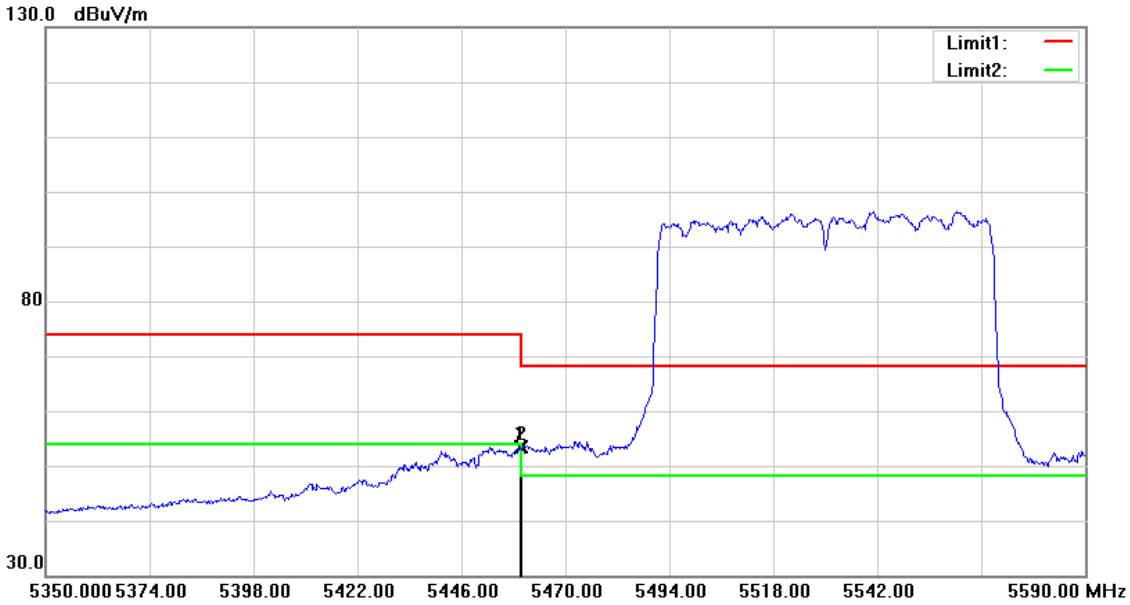
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	42.97	7.30	50.27	54.00	-3.73	AVG
2	5355.600	46.18	7.29	53.47	54.00	-0.53	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5530 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5453.200	39.51	7.69	47.20	54.00	-6.80	AVG
2	5460.000	39.07	7.74	46.81	54.00	-7.19	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5530 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Vertical		

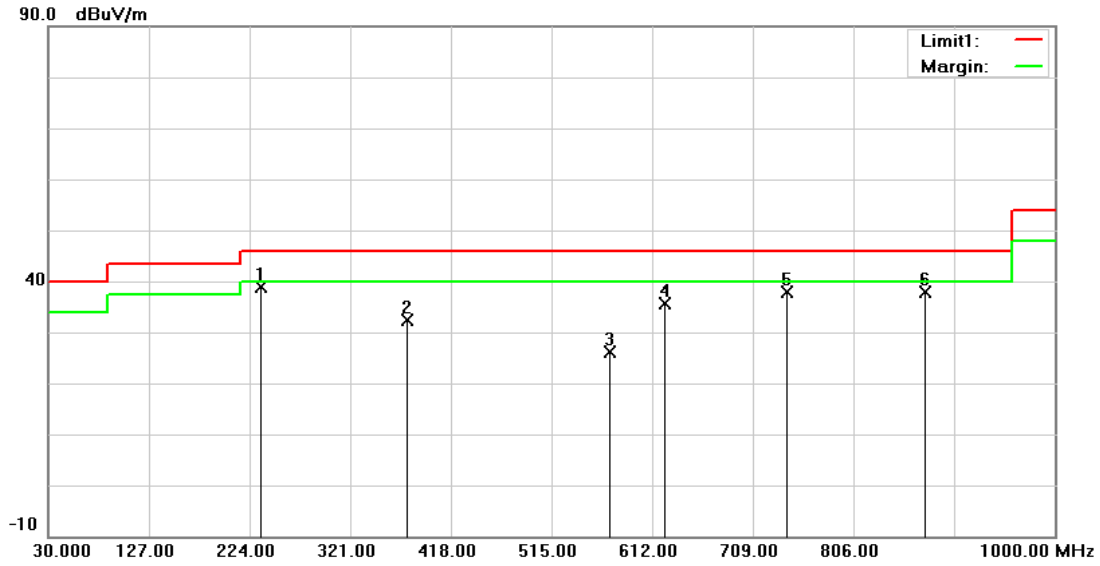


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.680	45.61	7.74	53.35	54.00	-0.65	AVG
2	5460.000	45.60	7.74	53.34	54.00	-0.66	AVG

Beamforming on

Below 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Radiated Emission		
Mode:	Transmit mode		
Ant.Polar.:	Horizontal		



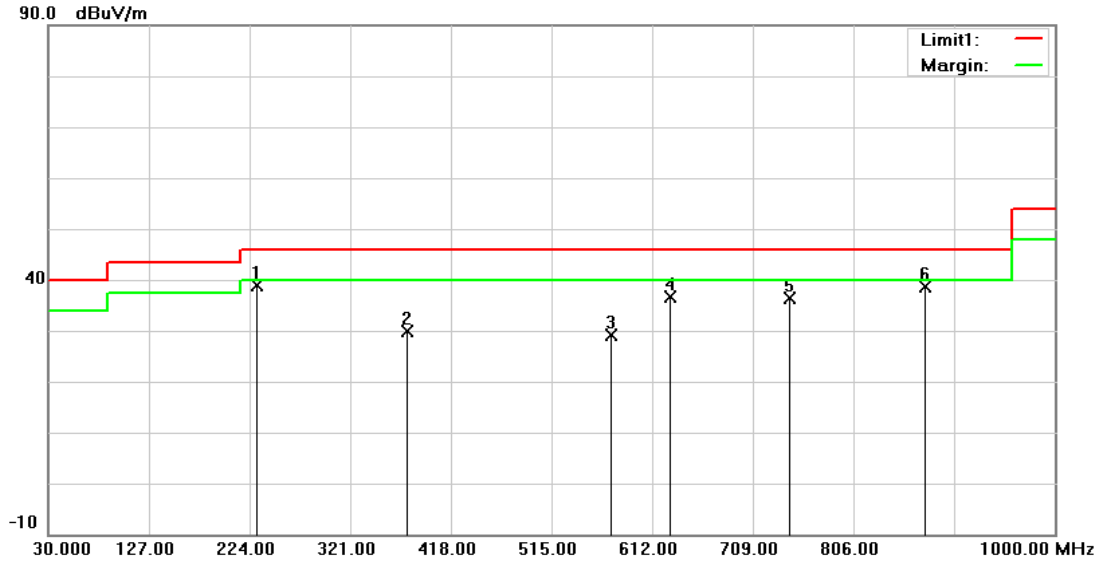
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	234.6700	51.01	-12.15	38.86	46.00	-7.14	QP
2	375.3200	39.31	-6.84	32.47	46.00	-13.53	QP
3	571.2600	29.04	-2.90	26.14	46.00	-19.86	QP
4	624.6100	36.69	-1.06	35.63	46.00	-10.37	QP
5	741.9800	36.92	0.96	37.88	46.00	-8.12	QP
6	874.8700	35.88	1.97	37.85	46.00	-8.15	QP

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Radiated Emission		
Mode:	Transmit mode		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	230.7900	51.60	-12.83	38.77	46.00	-7.23	QP
2	375.3200	36.81	-6.84	29.97	46.00	-16.03	QP
3	572.2300	32.08	-2.85	29.23	46.00	-16.77	QP
4	629.4600	37.68	-1.06	36.62	46.00	-9.38	QP
5	743.9200	35.49	1.00	36.49	46.00	-9.51	QP
6	874.8700	36.58	1.97	38.55	46.00	-7.45	QP

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

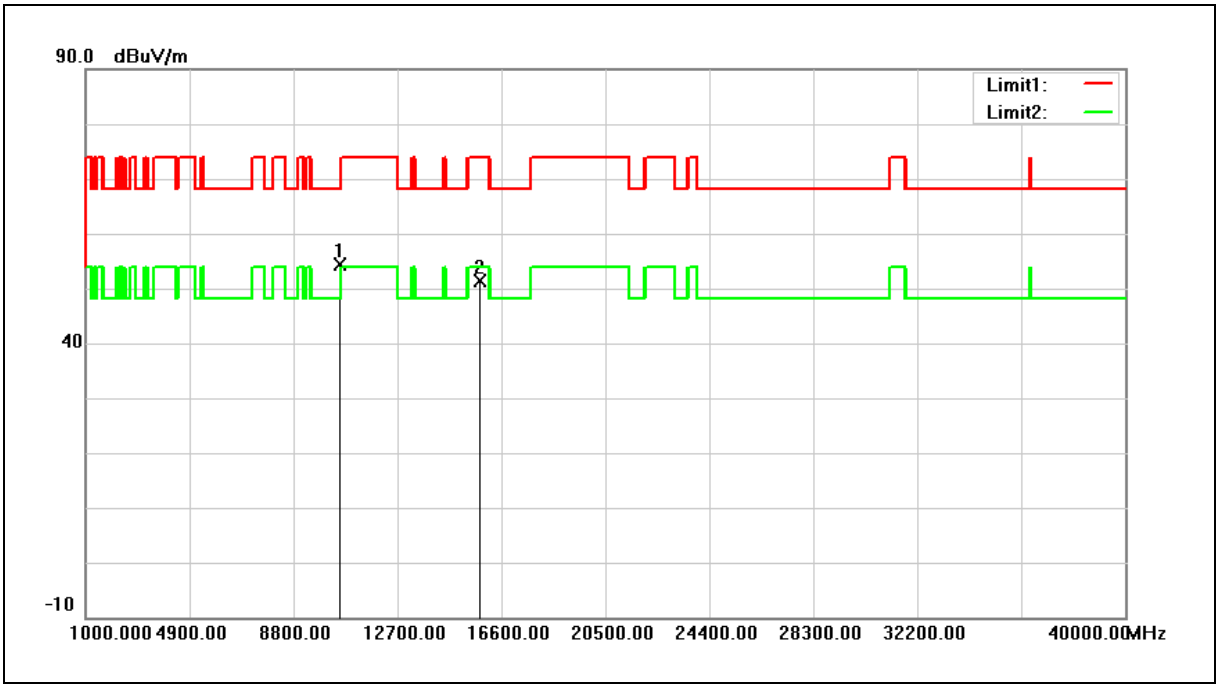
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Harmonic

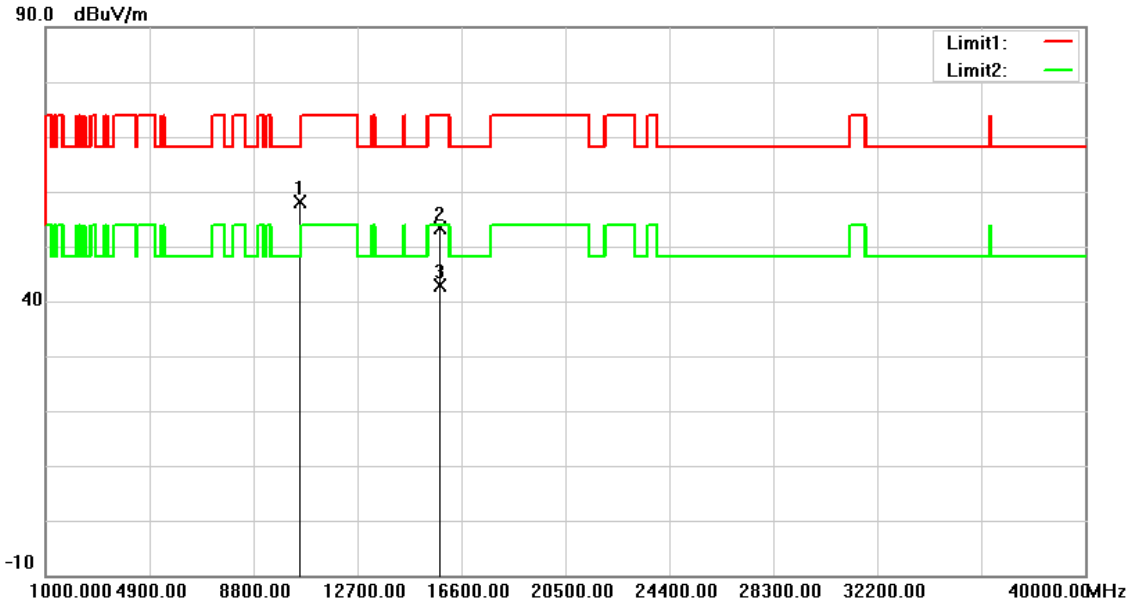
Above 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



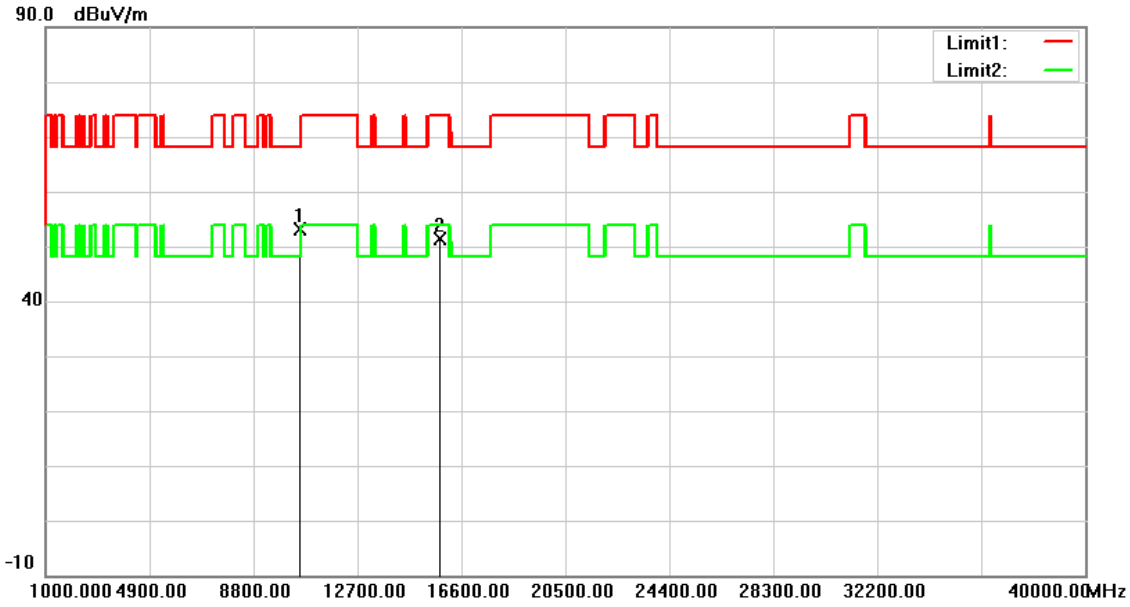
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	35.67	18.71	54.38	68.20	-13.82	peak
2	15780.000	70.11	-18.75	51.36	74.00	-22.64	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



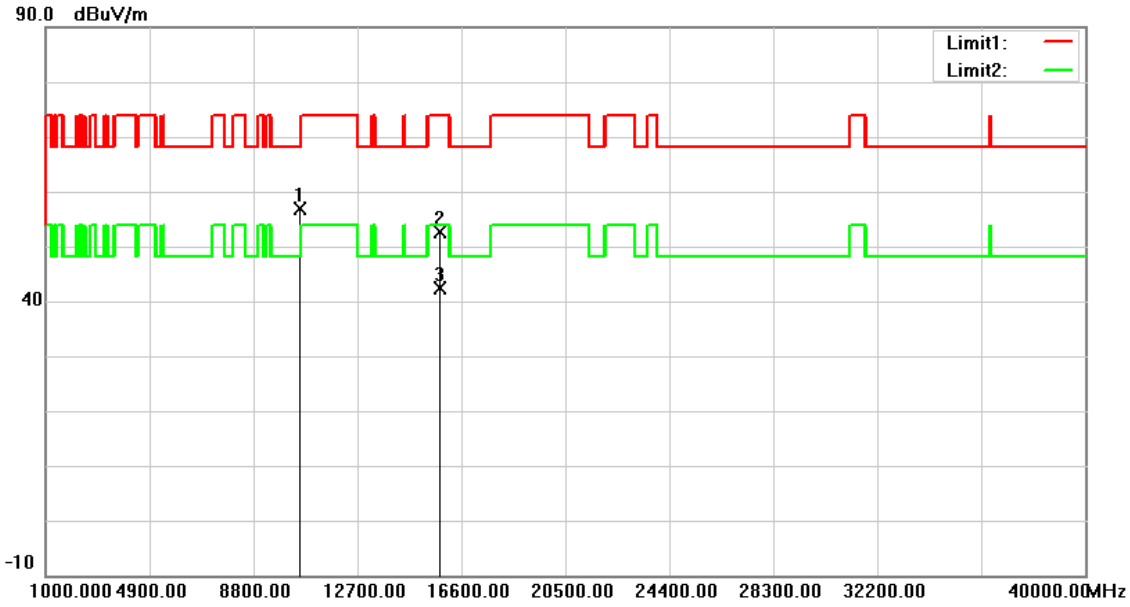
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	39.35	18.71	58.06	68.20	-10.14	peak
2	15780.000	72.05	-18.75	53.30	74.00	-20.70	peak
3	15780.000	61.52	-18.75	42.77	54.00	-11.23	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



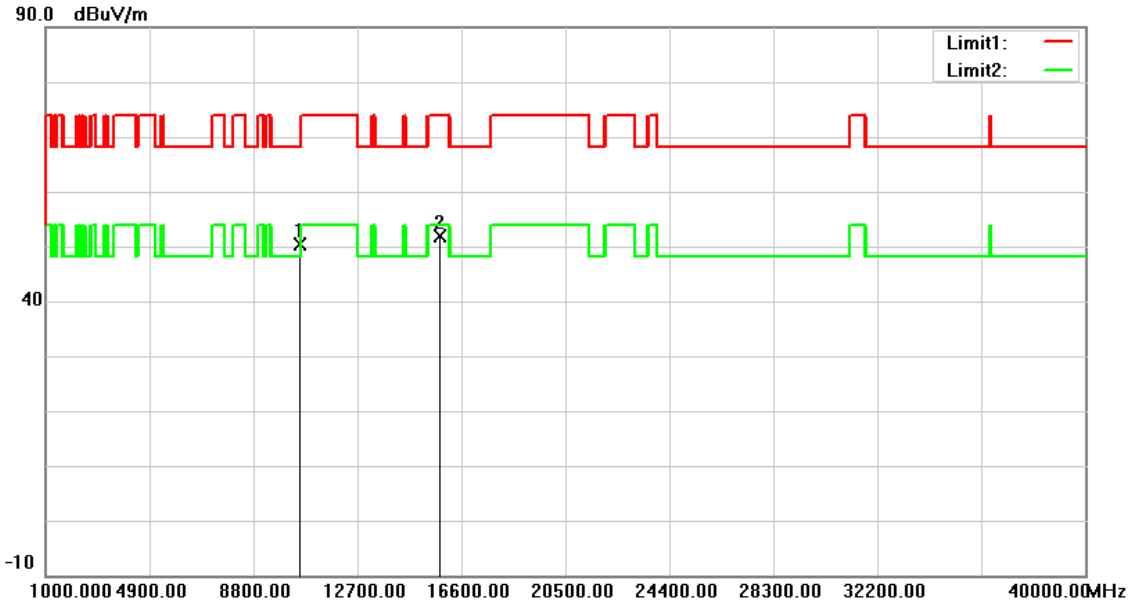
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	34.40	18.71	53.11	68.20	-15.09	peak
2	15780.000	70.11	-18.75	51.36	74.00	-22.64	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



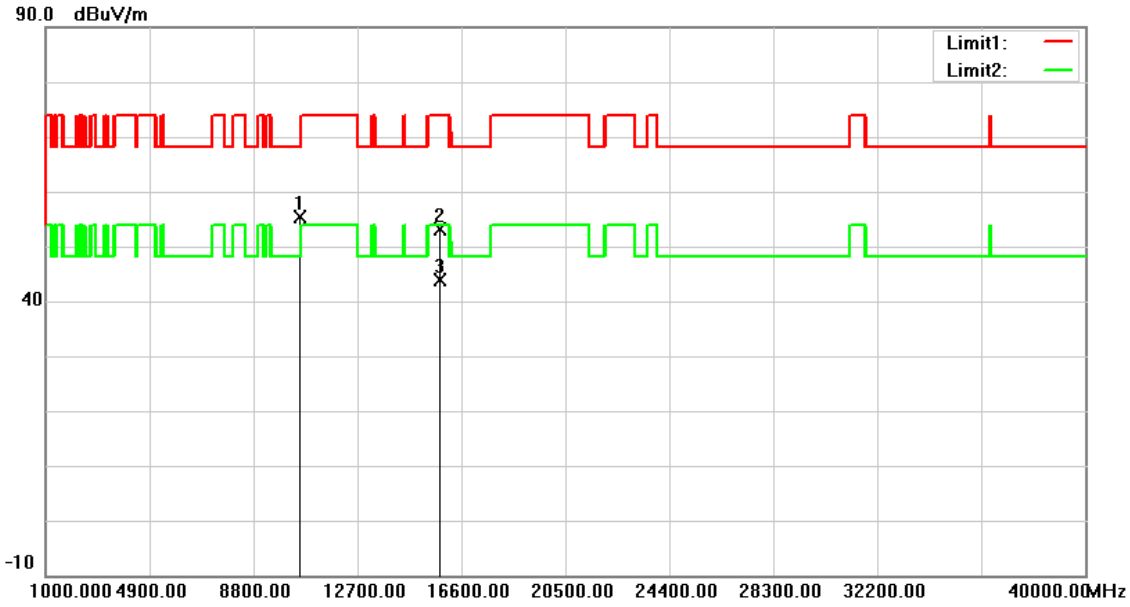
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	38.27	18.71	56.98	68.20	-11.22	peak
2	15780.000	71.28	-18.75	52.53	74.00	-21.47	peak
3	15780.000	61.04	-18.75	42.29	54.00	-11.71	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



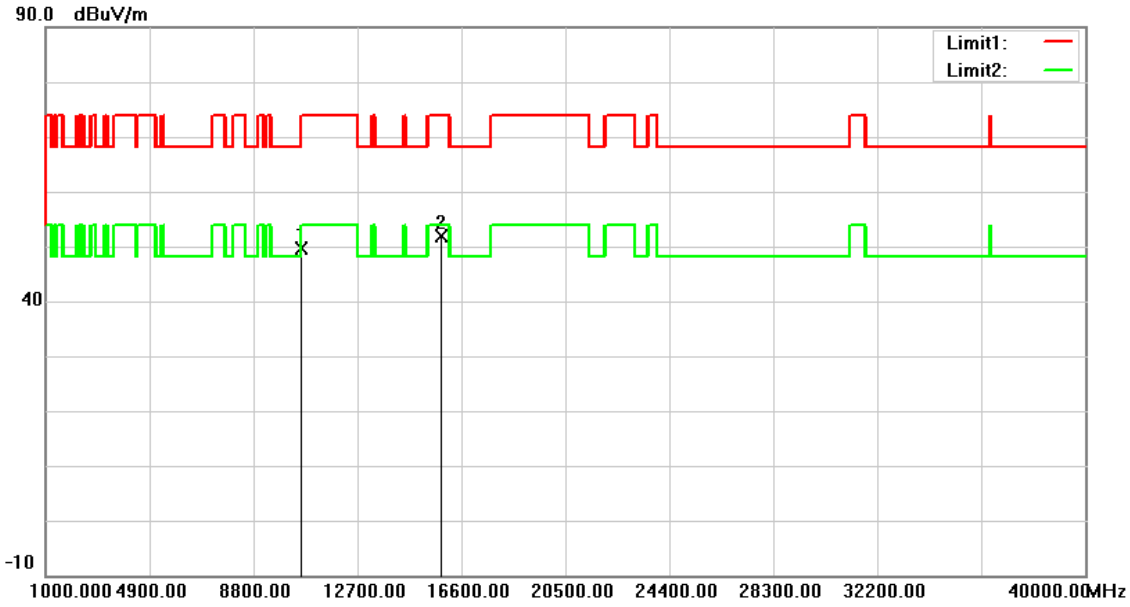
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	31.57	18.71	50.28	68.20	-17.92	peak
2	15810.000	70.78	-18.82	51.96	74.00	-22.04	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



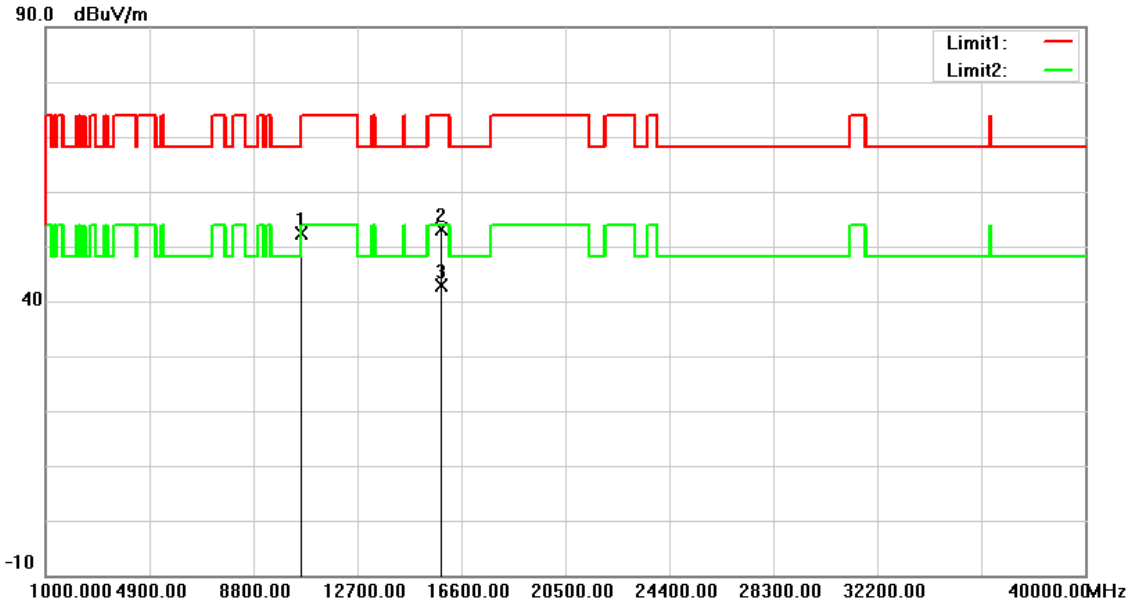
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	36.64	18.71	55.35	68.20	-12.85	peak
2	15810.000	71.93	-18.82	53.11	74.00	-20.89	peak
3	15810.000	62.72	-18.82	43.90	54.00	-10.10	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Horizontal		



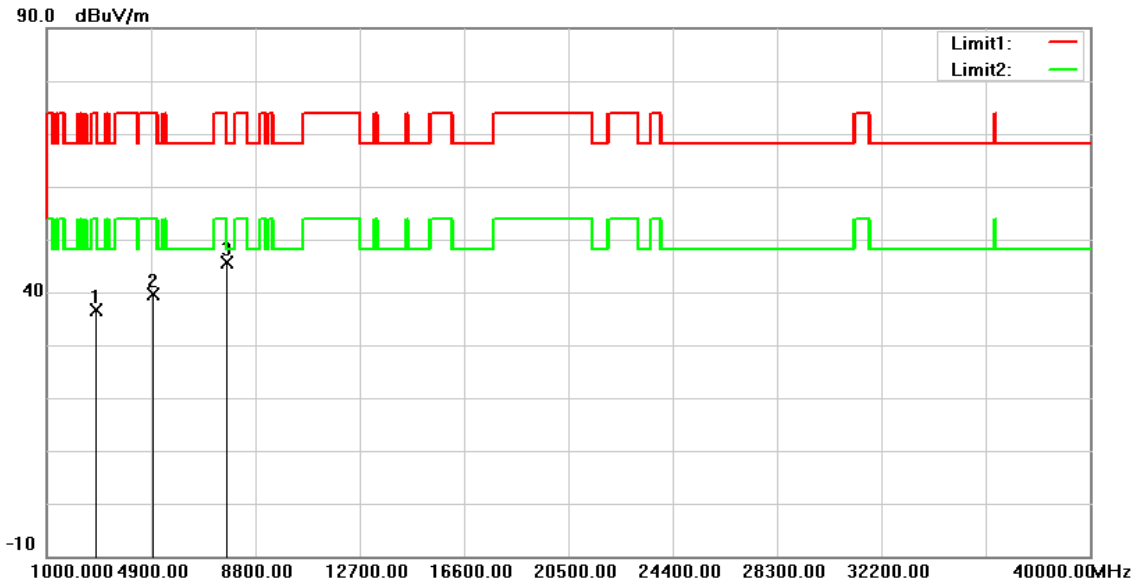
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	30.92	18.71	49.63	68.20	-18.57	peak
2	15870.000	70.81	-18.96	51.85	74.00	-22.15	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	33.79	18.71	52.50	68.20	-15.70	peak
2	15870.000	72.15	-18.96	53.19	74.00	-20.81	peak
3	15870.000	61.90	-18.96	42.94	54.00	-11.06	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Transmitter Unwanted Emissions		
Test Mode:	Simultaneous Transmitting		
	Wlan 2.4G + Wlan 5G + Scanning 2.4G + Scanning 5G		
Ant.Polar.:	Horizontal		



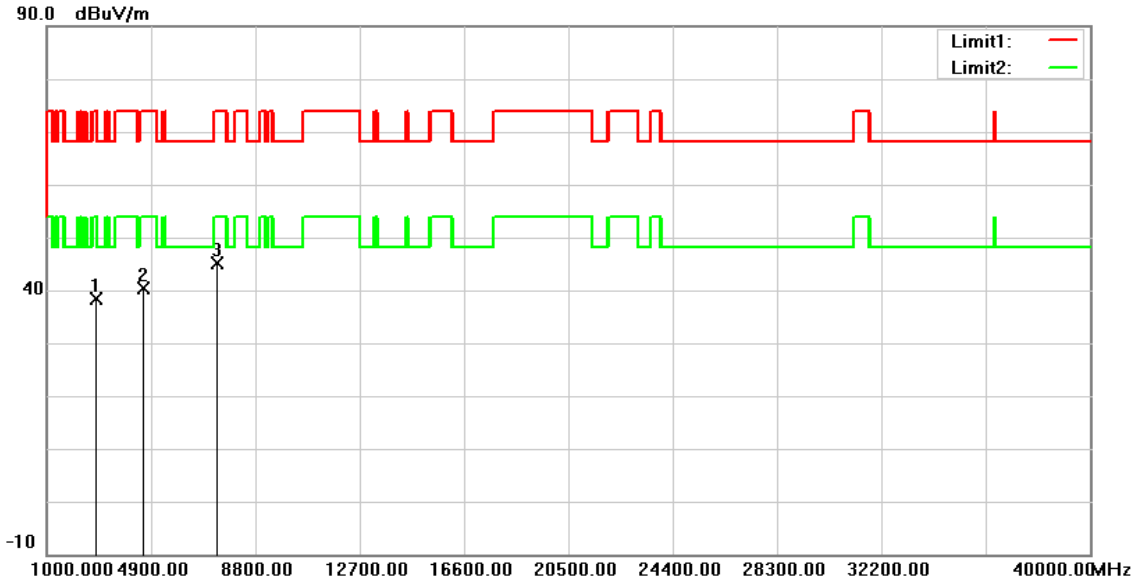
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2853.000	36.12	0.54	36.66	74.00	-37.34	peak
2	4995.000	32.59	6.94	39.53	74.00	-34.47	peak
3	7681.000	32.07	13.51	45.58	74.00	-28.42	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Transmitter Unwanted Emissions		
Test Mode:	Simultaneous Transmitting		
	Wlan 2.4G + Wlan 5G + Scanning 2.4G + Scanning 5G		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2802.000	38.23	0.17	38.40	74.00	-35.60	peak
2	4587.000	34.39	6.05	40.44	74.00	-33.56	peak
3	7358.000	31.52	13.65	45.17	74.00	-28.83	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

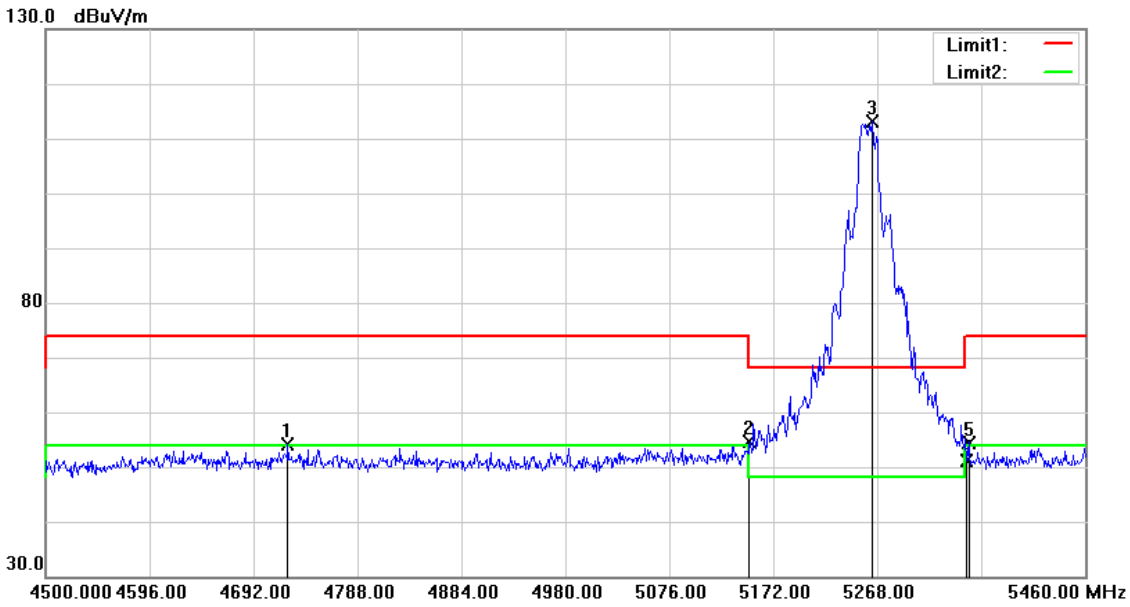
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Band Edge

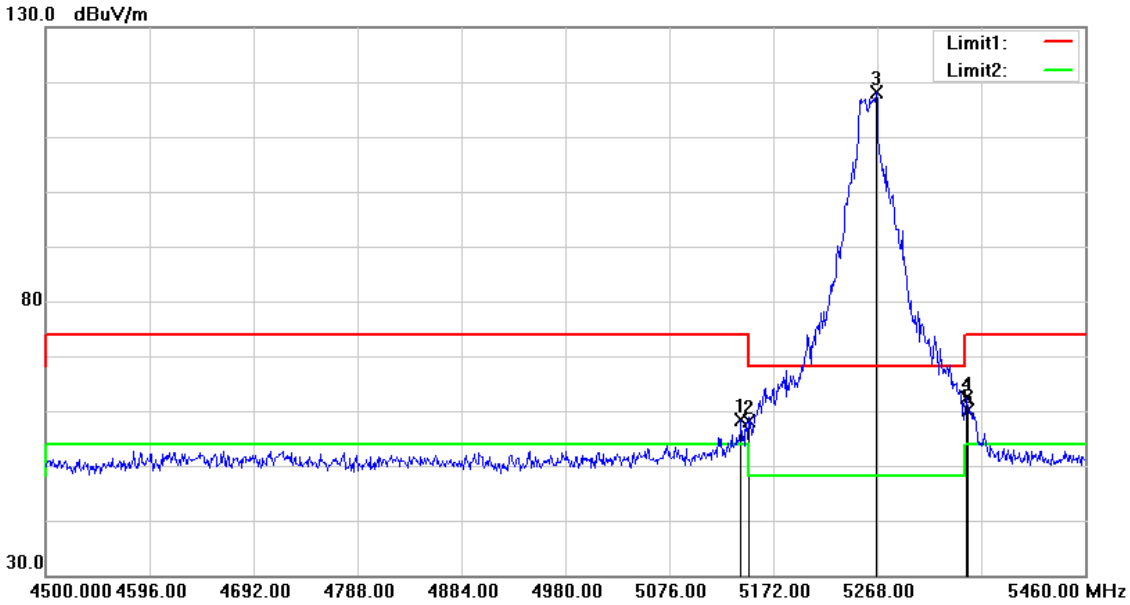
Peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



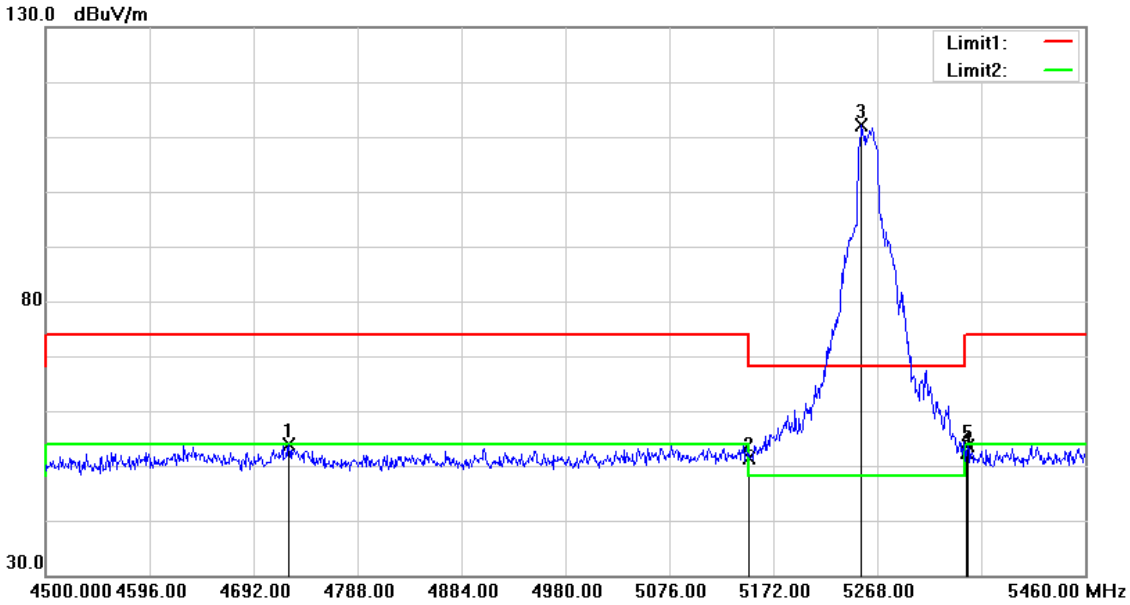
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4723.680	47.47	6.61	54.08	74.00	-19.92	peak
2	5150.000	46.85	7.66	54.51	74.00	-19.49	peak
3	5263.200	105.74	7.33	113.07	68.20	44.87	peak
4	5350.000	43.94	7.30	51.24	74.00	-22.76	peak
5	5352.480	47.20	7.30	54.50	74.00	-19.50	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



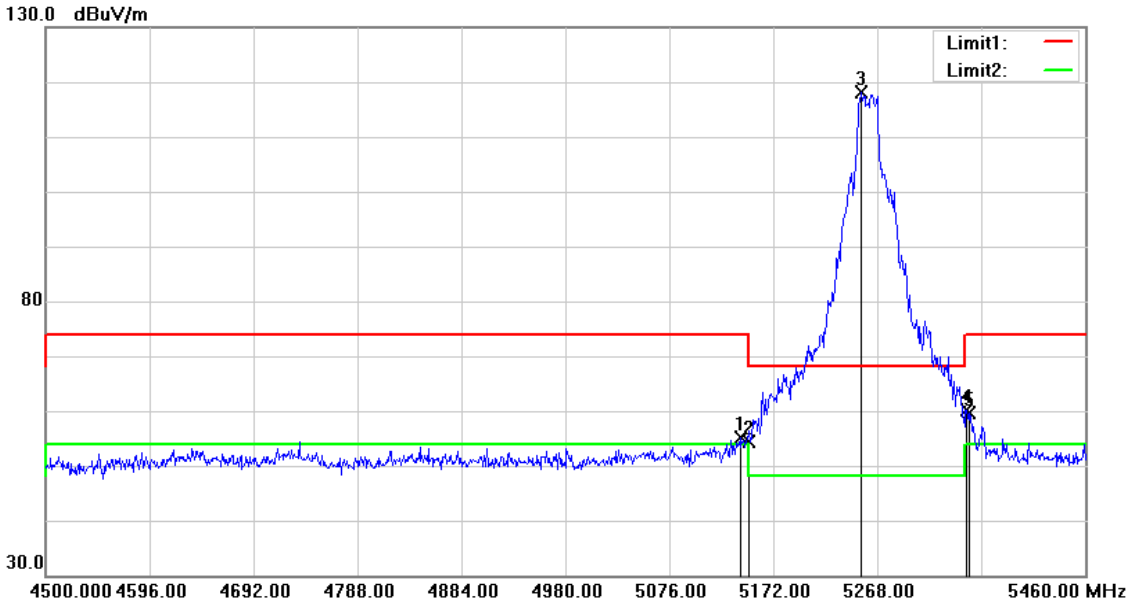
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.240	50.76	7.67	58.43	74.00	-15.57	peak
2	5150.000	50.46	7.66	58.12	74.00	-15.88	peak
3	5267.040	110.87	7.34	118.21	68.20	50.01	peak
4	5350.000	55.01	7.30	62.31	74.00	-11.69	peak
5	5351.520	52.95	7.30	60.25	74.00	-13.75	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



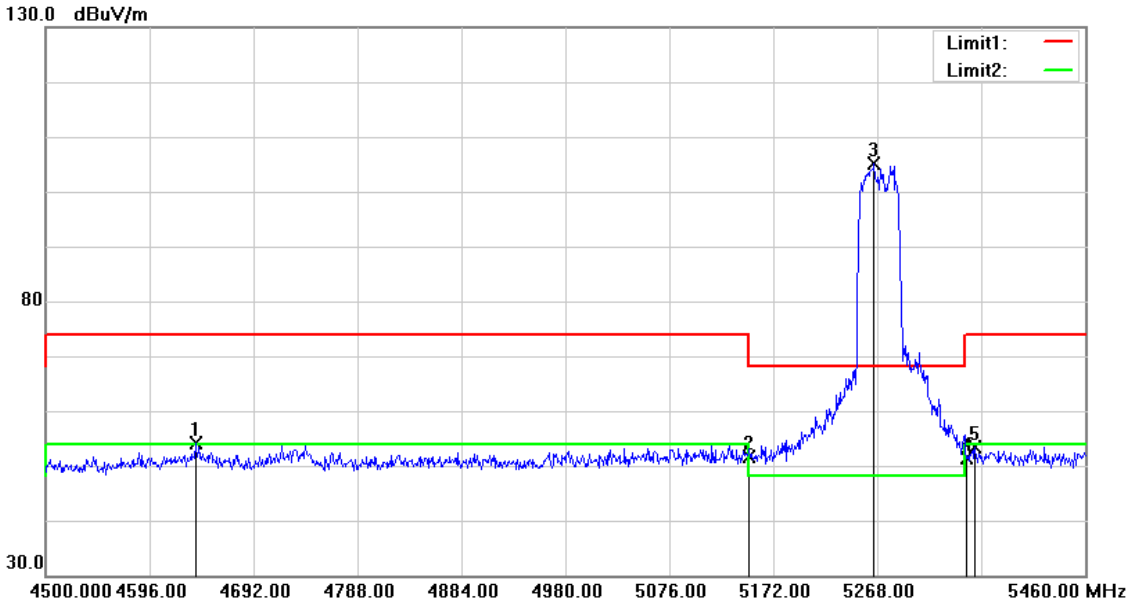
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4724.640	47.17	6.62	53.79	74.00	-20.21	peak
2	5150.000	43.77	7.66	51.43	74.00	-22.57	peak
3	5253.600	104.87	7.33	112.20	68.20	44.00	peak
4	5350.000	44.98	7.30	52.28	74.00	-21.72	peak
5	5351.520	46.34	7.30	53.64	74.00	-20.36	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



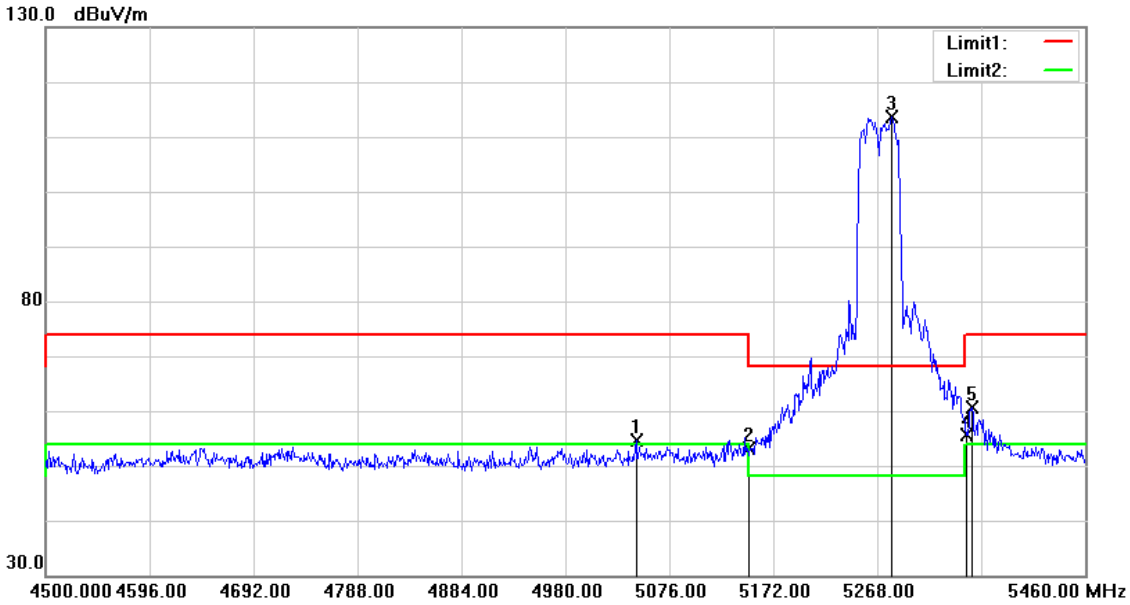
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.240	47.49	7.67	55.16	74.00	-18.84	peak
2	5150.000	46.61	7.66	54.27	74.00	-19.73	peak
3	5252.640	110.87	7.33	118.20	68.20	50.00	peak
4	5350.000	52.74	7.30	60.04	74.00	-13.96	peak
5	5353.440	52.27	7.29	59.56	74.00	-14.44	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



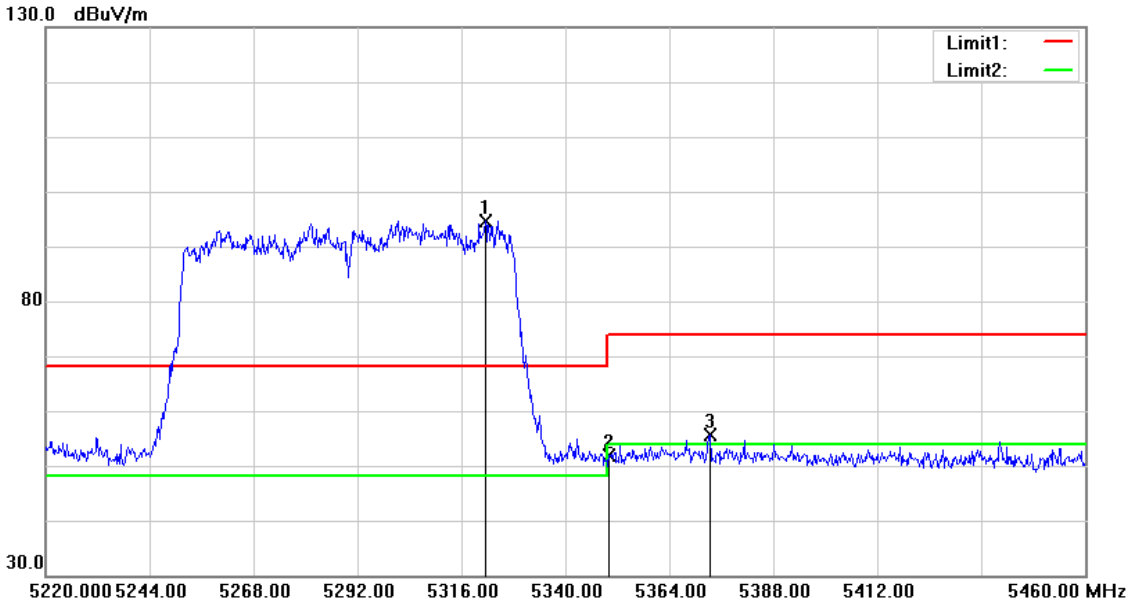
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4638.240	47.84	6.18	54.02	74.00	-19.98	peak
2	5150.000	43.94	7.66	51.60	74.00	-22.40	peak
3	5265.120	97.84	7.34	105.18	68.20	36.98	peak
4	5350.000	44.16	7.30	51.46	74.00	-22.54	peak
5	5358.240	46.20	7.28	53.48	74.00	-20.52	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



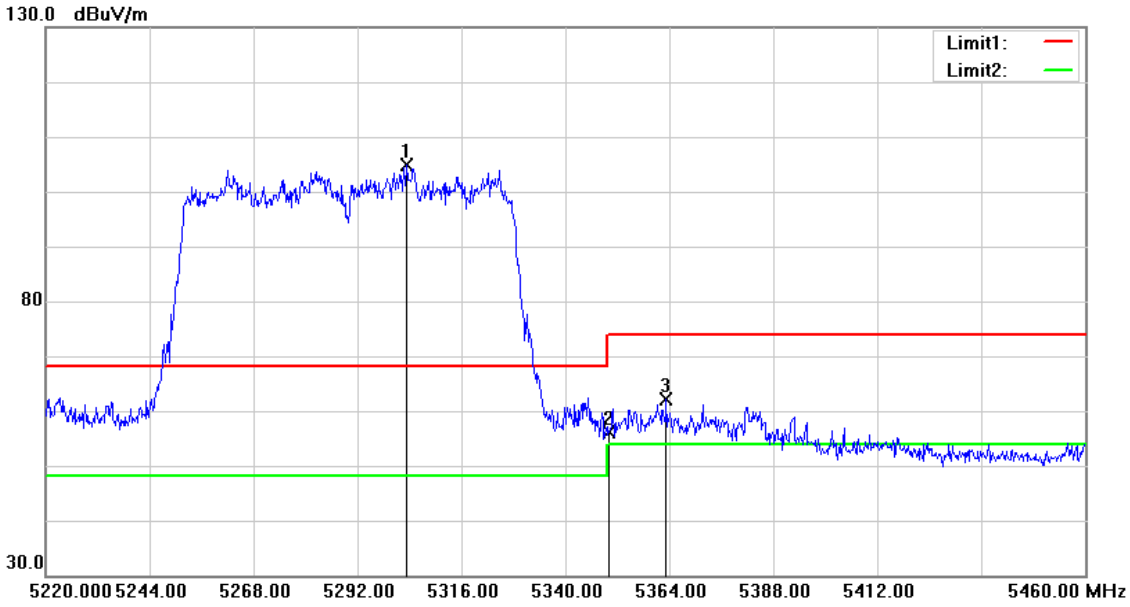
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5045.280	47.27	7.35	54.62	74.00	-19.38	peak
2	5150.000	45.37	7.66	53.03	74.00	-20.97	peak
3	5281.440	106.32	7.35	113.67	68.20	45.47	peak
4	5350.000	48.42	7.30	55.72	74.00	-18.28	peak
5	5355.360	53.34	7.29	60.63	74.00	-13.37	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5321.520	87.27	7.34	94.61	68.20	26.41	peak
2	5350.000	44.65	7.30	51.95	74.00	-22.05	peak
3	5373.360	48.26	7.26	55.52	74.00	-18.48	peak

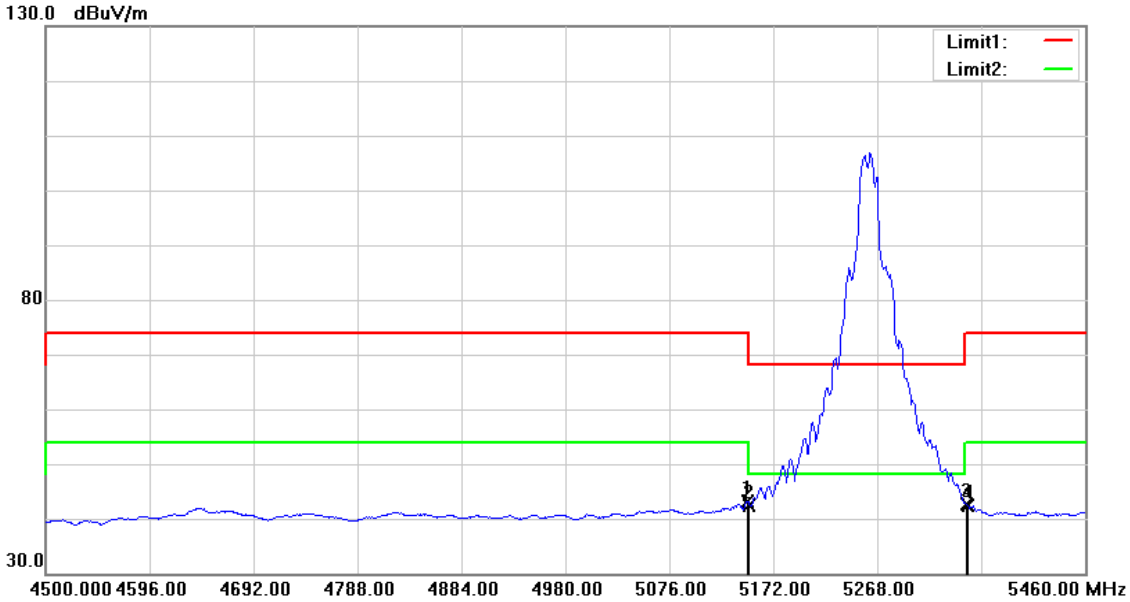
Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5303.280	97.60	7.35	104.95	68.20	36.75	peak
2	5350.000	48.94	7.30	56.24	74.00	-17.76	peak
3	5363.280	54.76	7.27	62.03	74.00	-11.97	peak

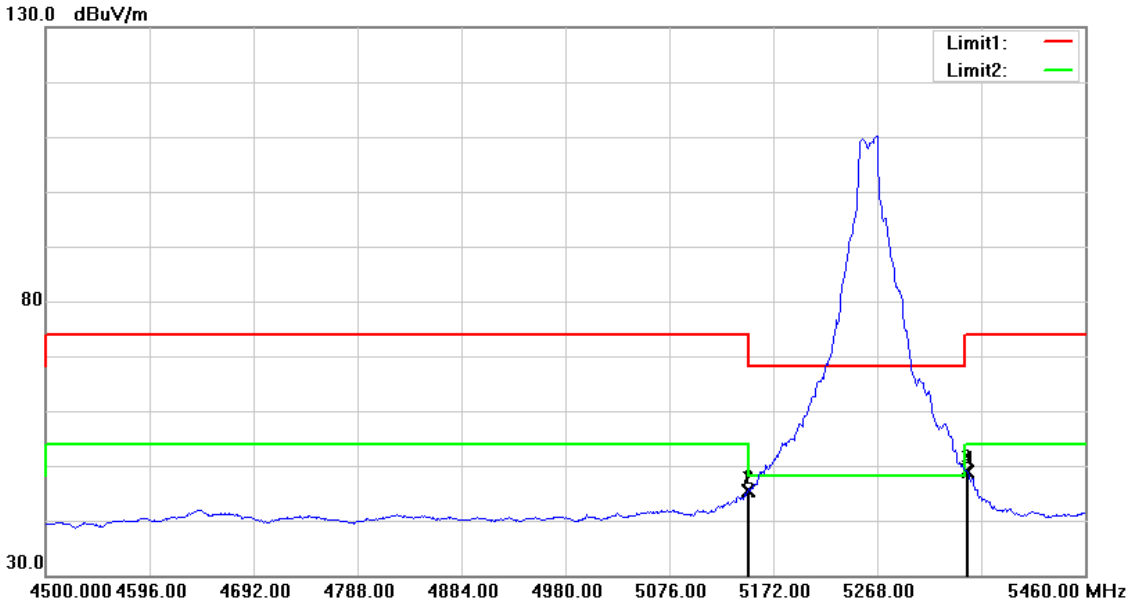
Average

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



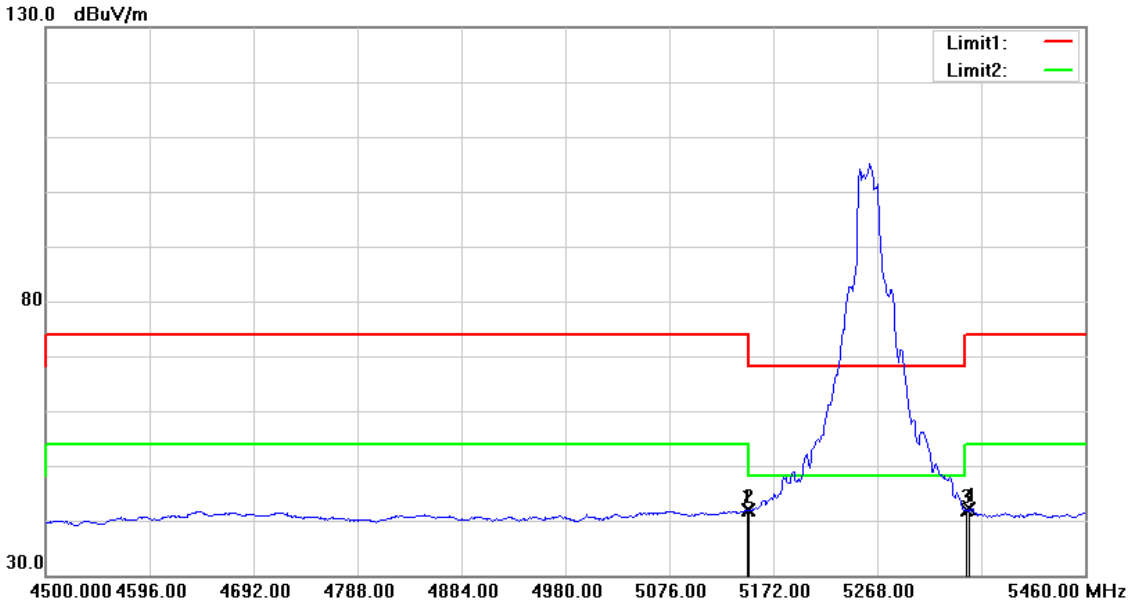
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.000	35.50	7.65	43.15	54.00	-10.85	AVG
2	5150.000	34.62	7.66	42.28	54.00	-11.72	AVG
3	5350.000	35.38	7.30	42.68	54.00	-11.32	AVG
4	5351.520	35.17	7.30	42.47	54.00	-11.53	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



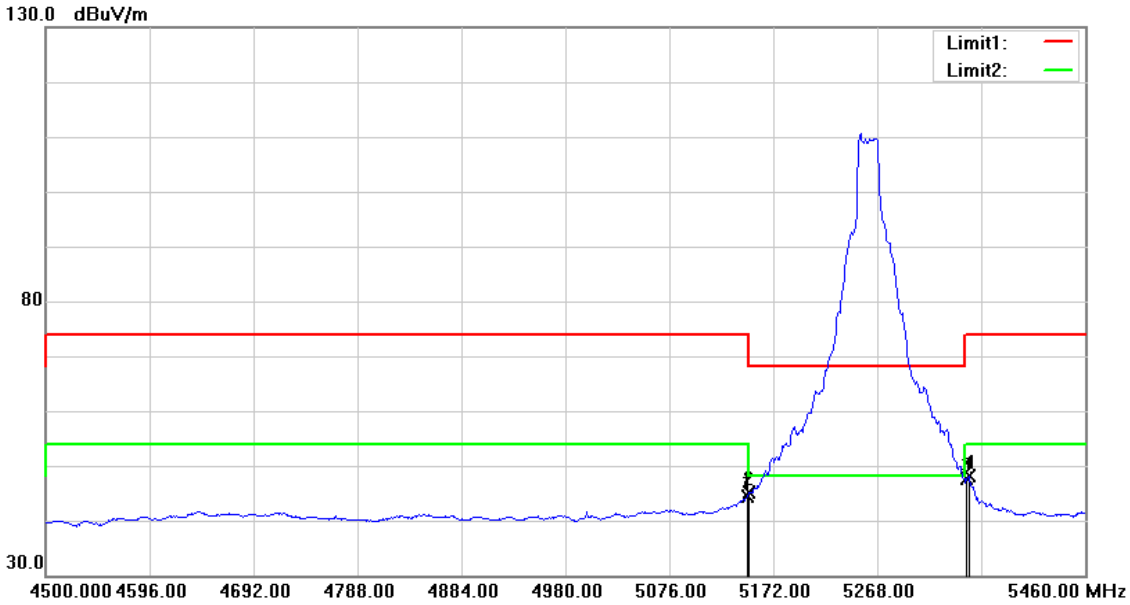
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.000	37.73	7.65	45.38	54.00	-8.62	AVG
2	5150.000	37.61	7.66	45.27	54.00	-8.73	AVG
3	5350.000	41.86	7.30	49.16	54.00	-4.84	AVG
4	5351.520	41.67	7.30	48.97	54.00	-5.03	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



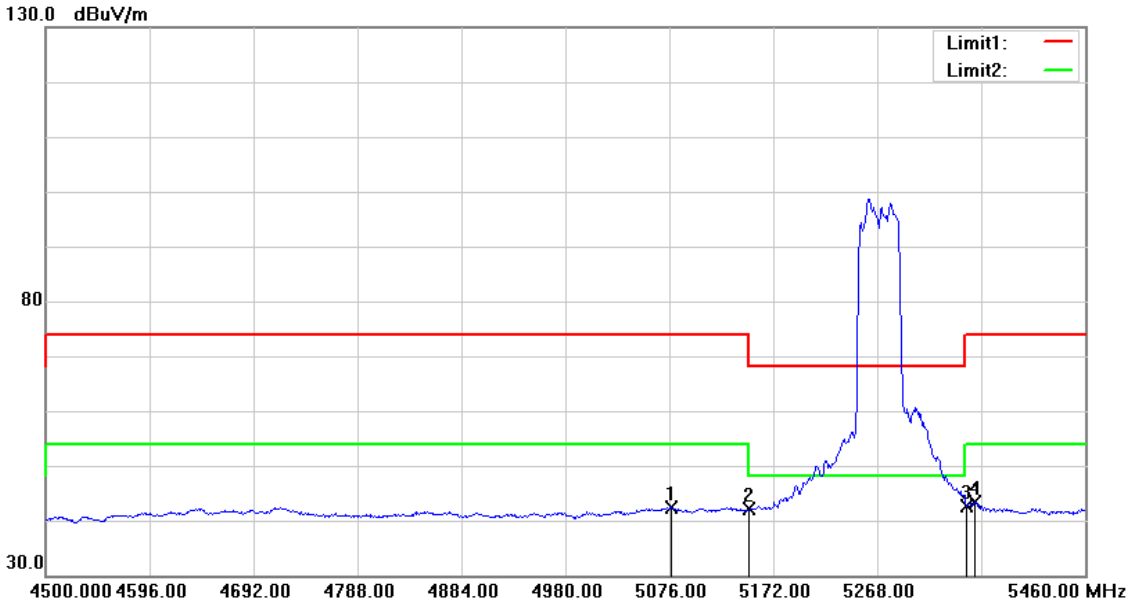
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.000	34.28	7.65	41.93	54.00	-12.07	AVG
2	5150.000	34.28	7.66	41.94	54.00	-12.06	AVG
3	5350.000	34.53	7.30	41.83	54.00	-12.17	AVG
4	5352.480	34.93	7.30	42.23	54.00	-11.77	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



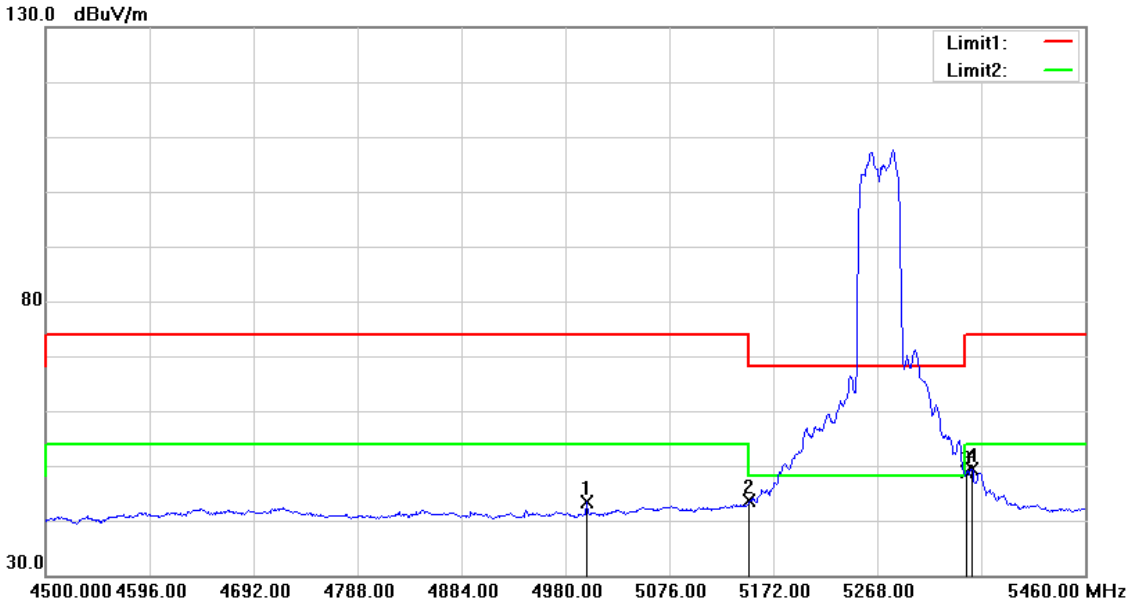
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5148.000	36.73	7.65	44.38	54.00	-9.62	AVG
2	5150.000	37.42	7.66	45.08	54.00	-8.92	AVG
3	5350.000	40.34	7.30	47.64	54.00	-6.36	AVG
4	5352.480	40.72	7.30	48.02	54.00	-5.98	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



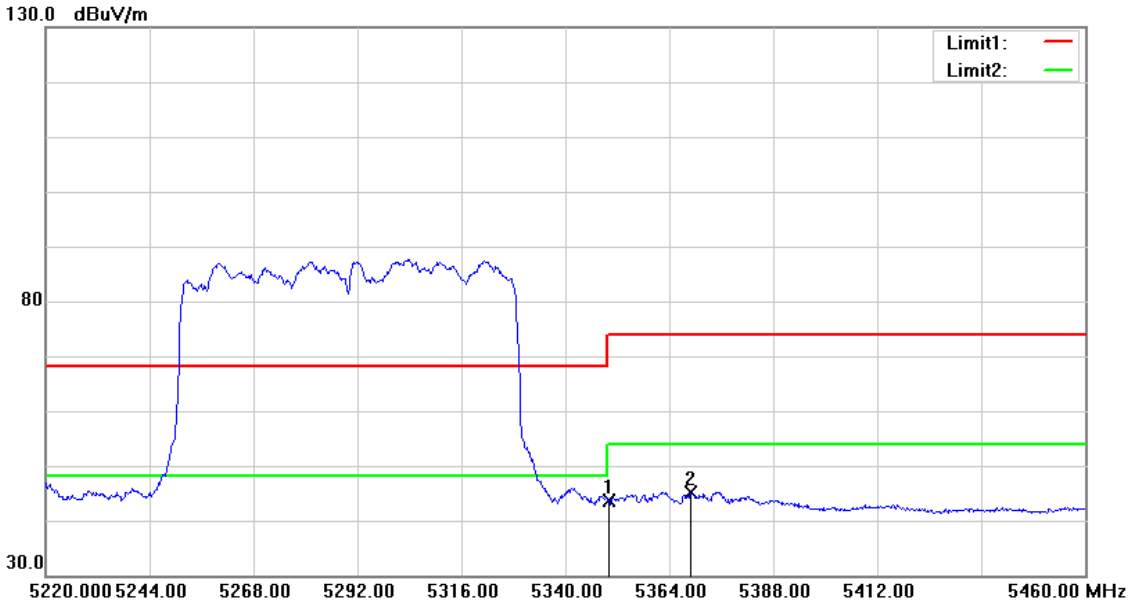
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5077.920	34.92	7.58	42.50	54.00	-11.50	AVG
2	5150.000	34.49	7.66	42.15	54.00	-11.85	AVG
3	5350.000	35.32	7.30	42.62	54.00	-11.38	AVG
4	5358.240	36.00	7.28	43.28	54.00	-10.72	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



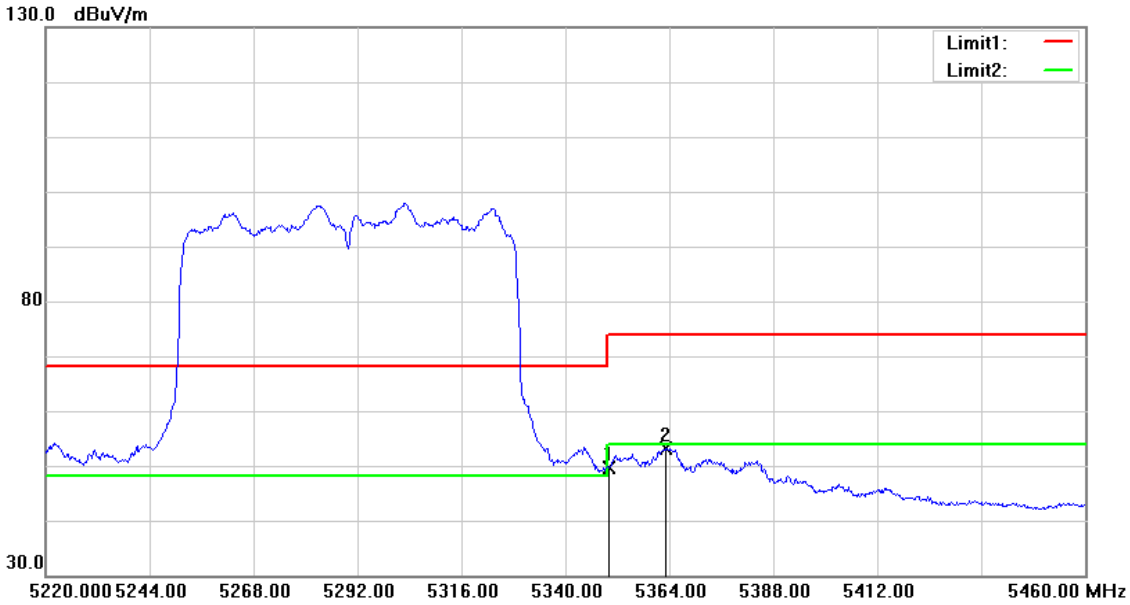
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5000.160	36.31	6.96	43.27	54.00	-10.73	AVG
2	5150.000	35.92	7.66	43.58	54.00	-10.42	AVG
3	5350.000	41.67	7.30	48.97	54.00	-5.03	AVG
4	5355.360	42.15	7.29	49.44	54.00	-4.56	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	36.30	7.30	43.60	54.00	-10.40	AVG
2	5369.040	37.93	7.27	45.20	54.00	-8.80	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Vertical		

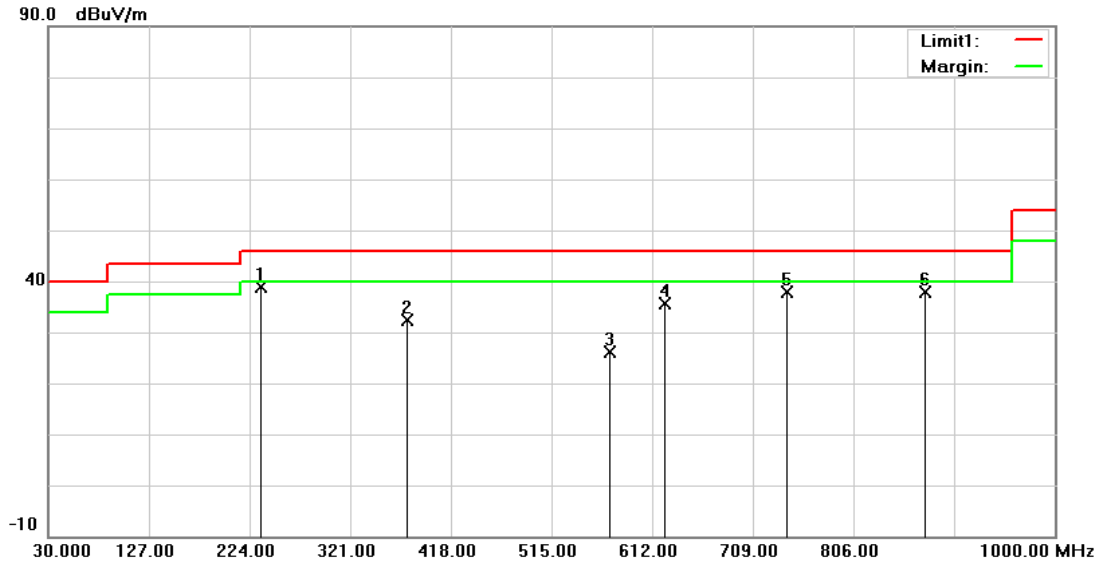


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	42.42	7.30	49.72	54.00	-4.28	AVG
2	5363.040	45.96	7.27	53.23	54.00	-0.77	AVG

QCA9889

Below 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Radiated Emission		
Mode:	Transmit mode		
Ant.Polar.:	Horizontal		



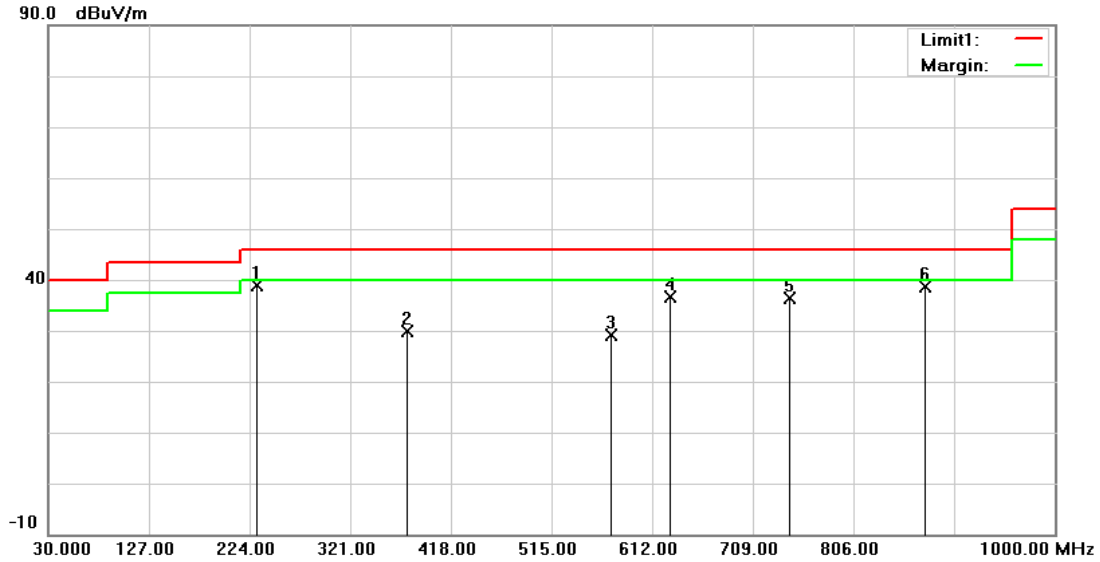
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	234.6700	51.01	-12.15	38.86	46.00	-7.14	QP
2	375.3200	39.31	-6.84	32.47	46.00	-13.53	QP
3	571.2600	29.04	-2.90	26.14	46.00	-19.86	QP
4	624.6100	36.69	-1.06	35.63	46.00	-10.37	QP
5	741.9800	36.92	0.96	37.88	46.00	-8.12	QP
6	874.8700	35.88	1.97	37.85	46.00	-8.15	QP

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Radiated Emission		
Mode:	Transmit mode		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	230.7900	51.60	-12.83	38.77	46.00	-7.23	QP
2	375.3200	36.81	-6.84	29.97	46.00	-16.03	QP
3	572.2300	32.08	-2.85	29.23	46.00	-16.77	QP
4	629.4600	37.68	-1.06	36.62	46.00	-9.38	QP
5	743.9200	35.49	1.00	36.49	46.00	-9.51	QP
6	874.8700	36.58	1.97	38.55	46.00	-7.45	QP

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

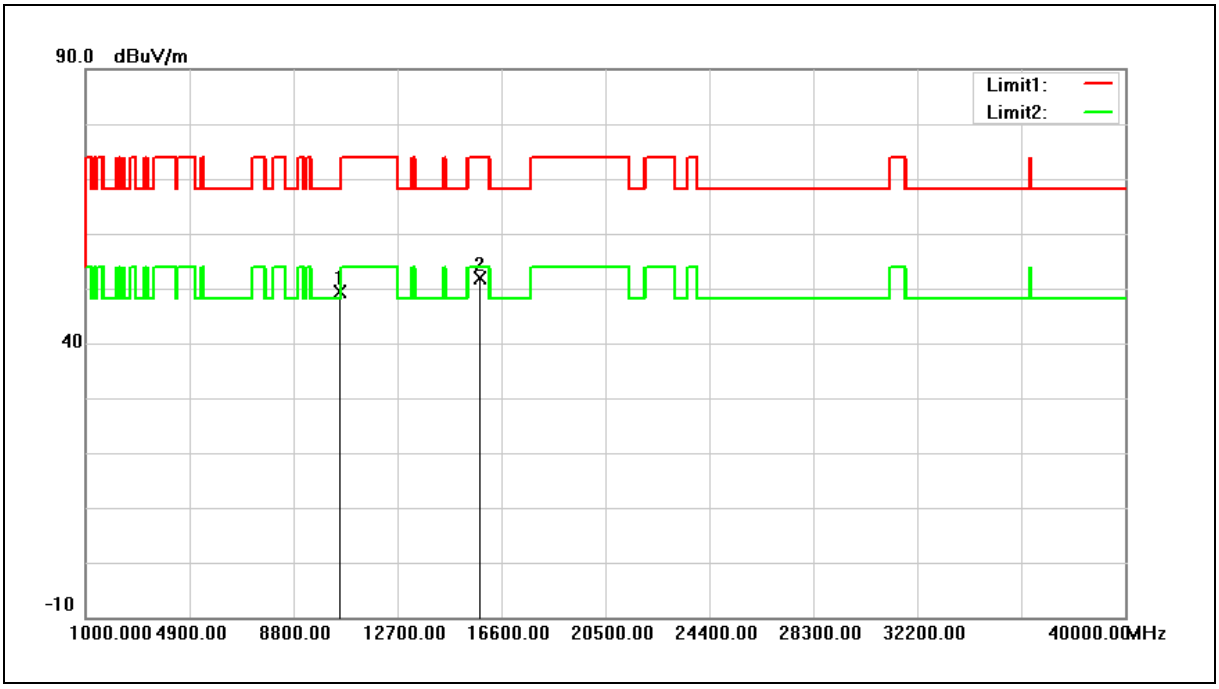
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Harmonic

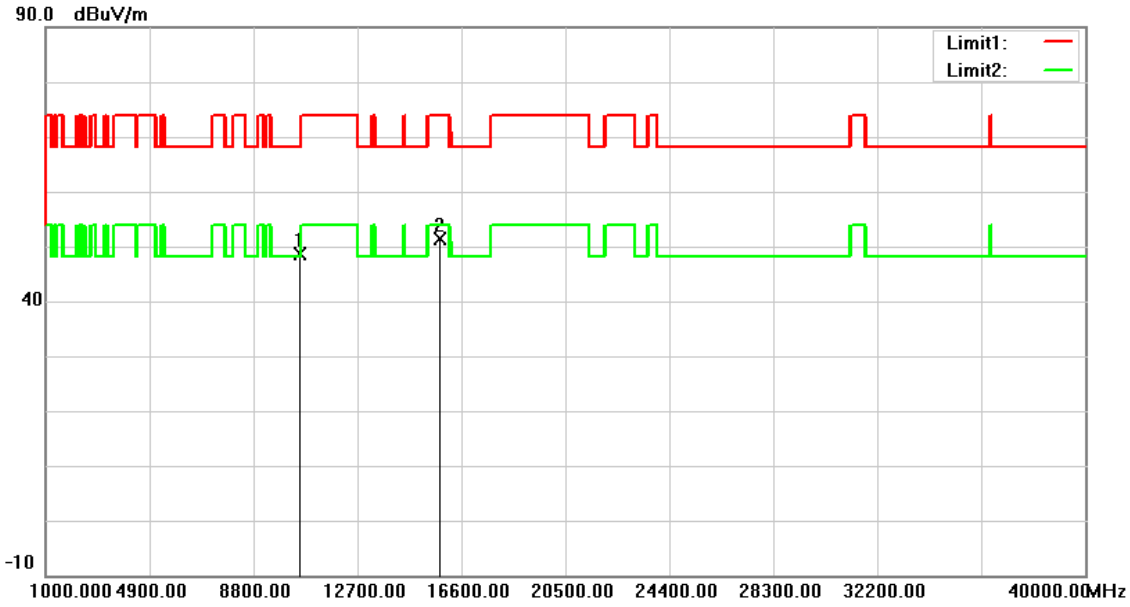
Above 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



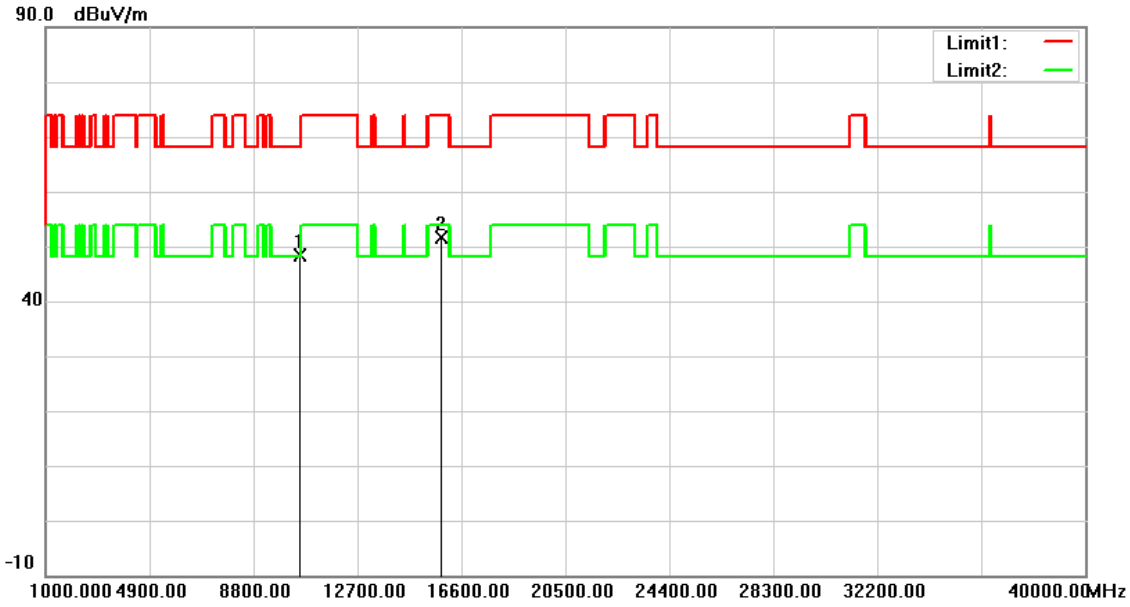
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	30.77	18.71	49.48	68.20	-18.72	peak
2	15780.000	70.54	-18.75	51.79	74.00	-22.21	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



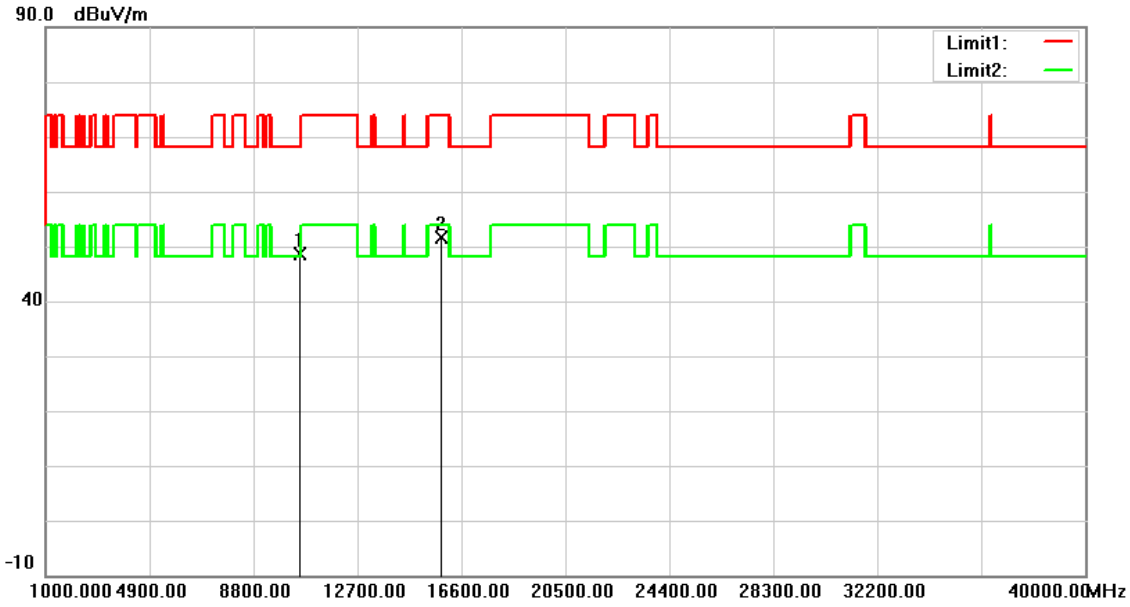
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	29.80	18.71	48.51	68.20	-19.69	peak
2	15780.000	70.03	-18.75	51.28	74.00	-22.72	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5280 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



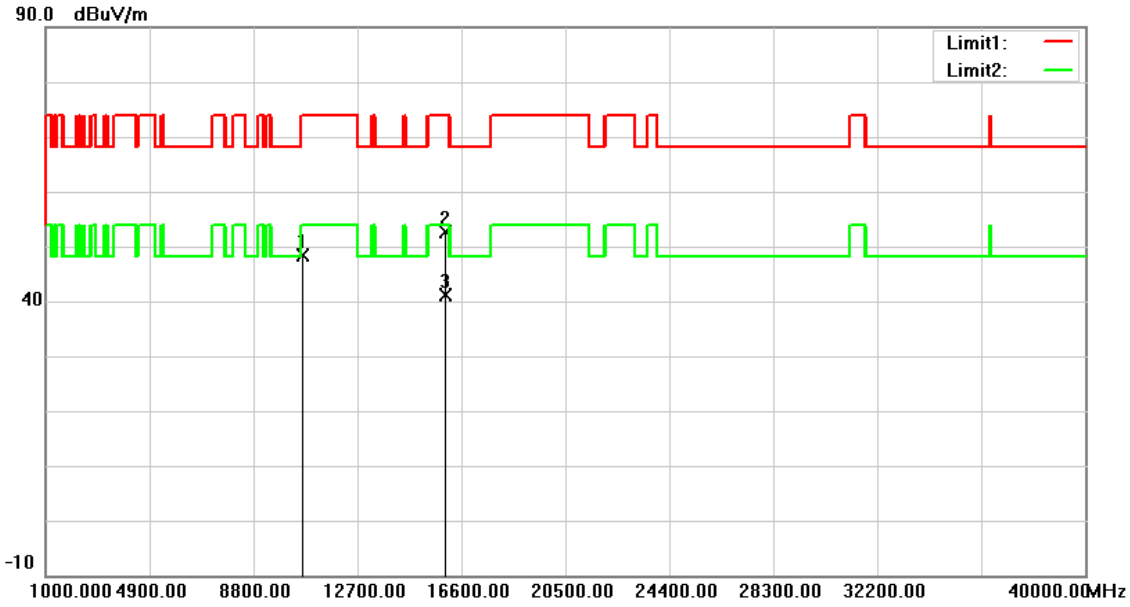
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	29.64	18.71	48.35	68.20	-19.85	peak
2	15840.000	70.48	-18.89	51.59	74.00	-22.41	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5280 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



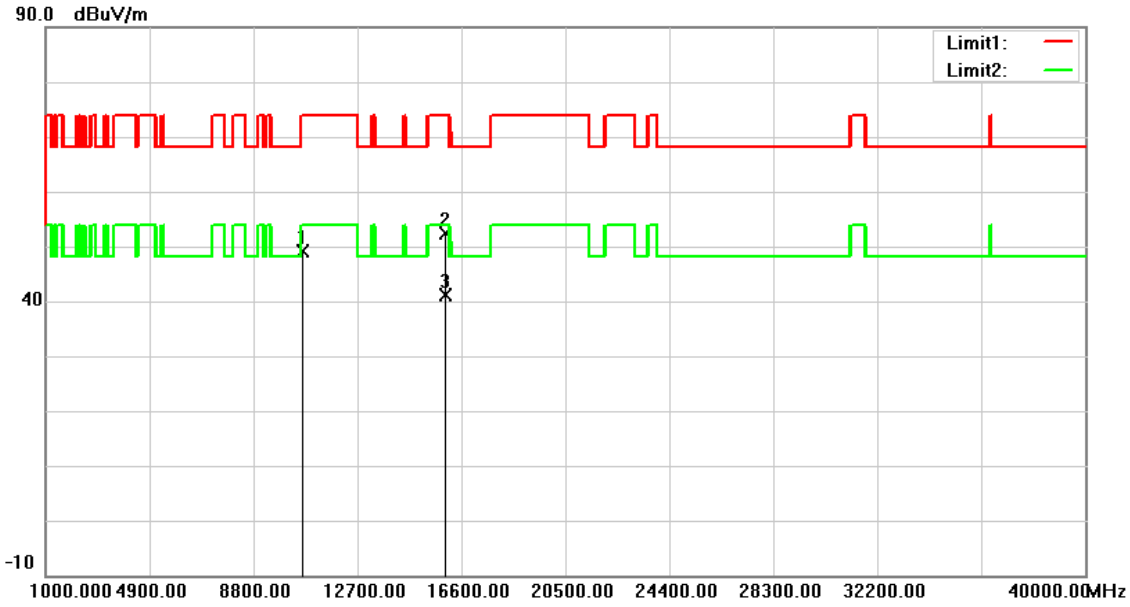
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	30.00	18.71	48.71	68.20	-19.49	peak
2	15840.000	70.59	-18.89	51.70	74.00	-22.30	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5320 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



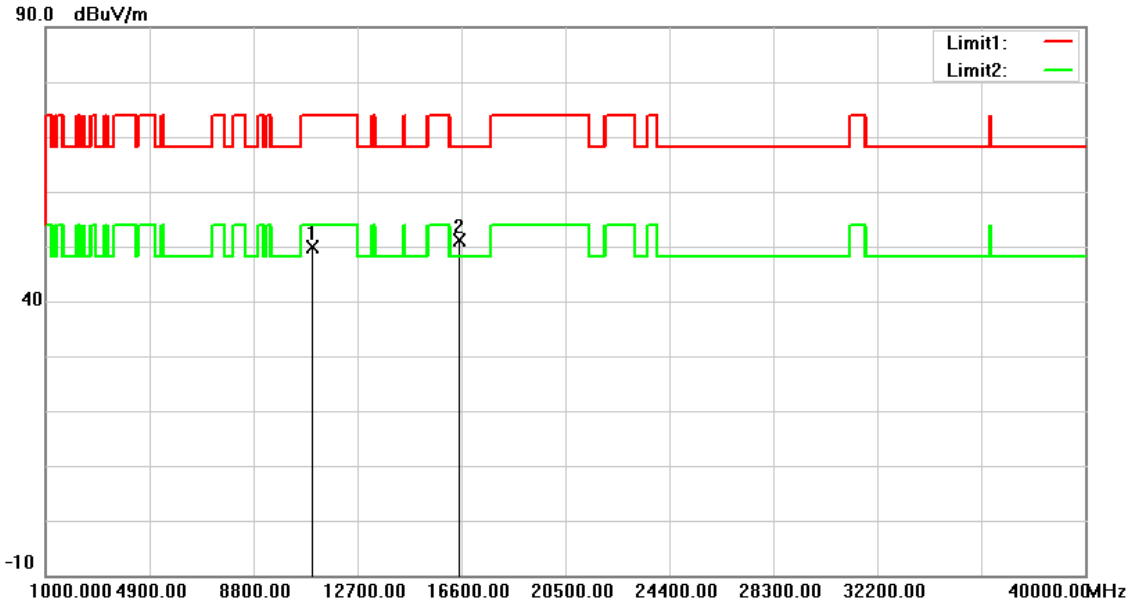
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	29.63	18.79	48.42	74.00	-25.58	peak
2	15960.000	71.81	-19.18	52.63	74.00	-21.37	peak
3	15960.000	60.30	-19.18	41.12	54.00	-12.88	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5320 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



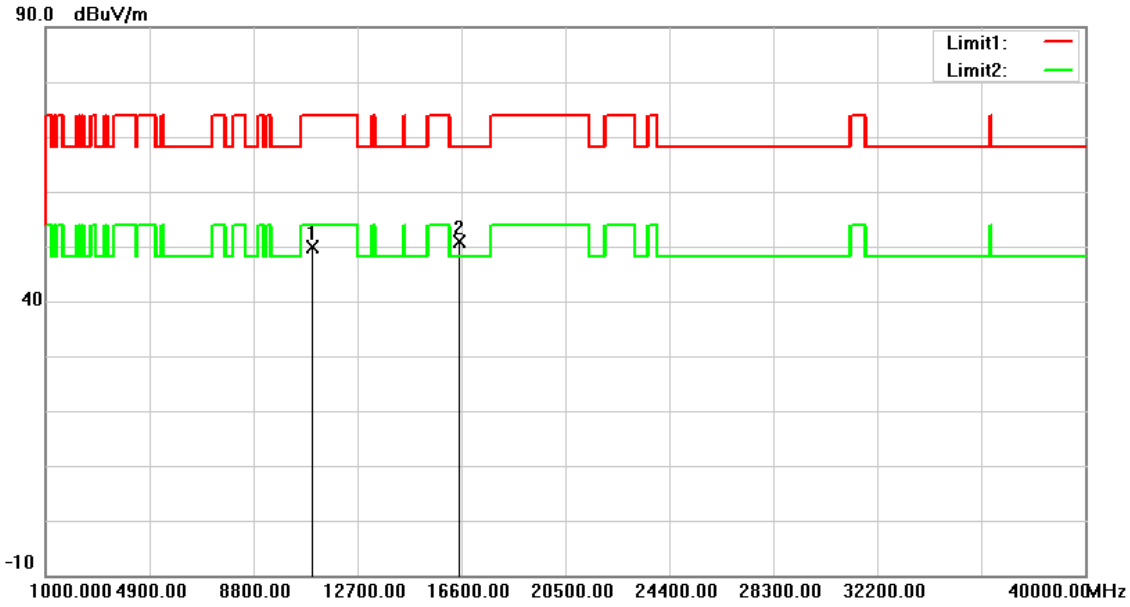
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	30.29	18.79	49.08	74.00	-24.92	peak
2	15960.000	71.62	-19.18	52.44	74.00	-21.56	peak
3	15960.000	60.23	-19.18	41.05	54.00	-12.95	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5500 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



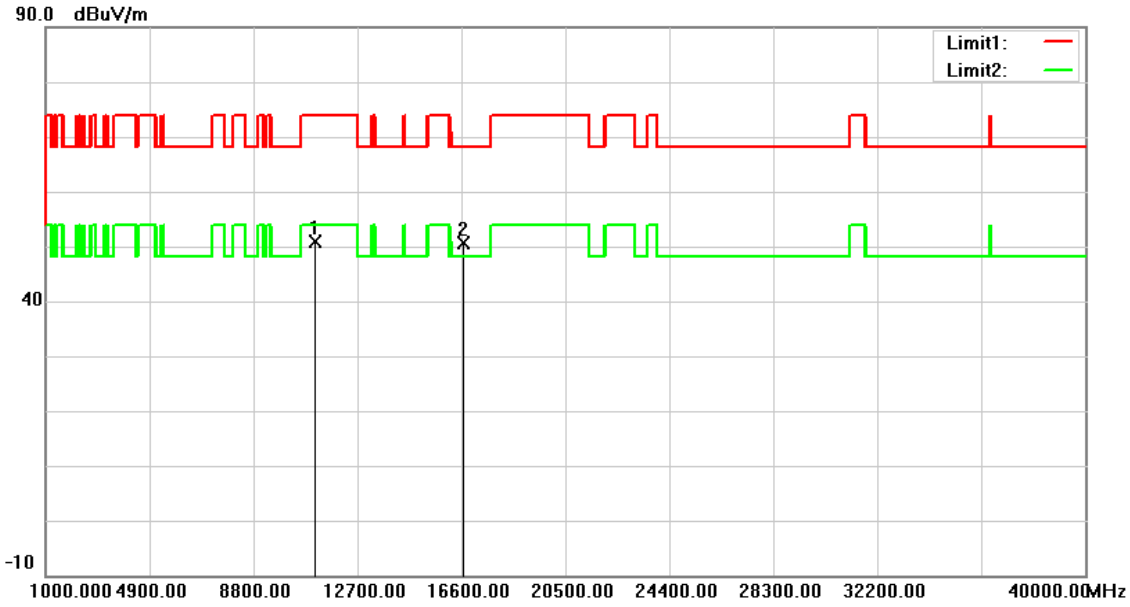
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	30.37	19.61	49.98	74.00	-24.02	peak
2	16500.000	69.00	-17.99	51.01	68.20	-17.19	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5500 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



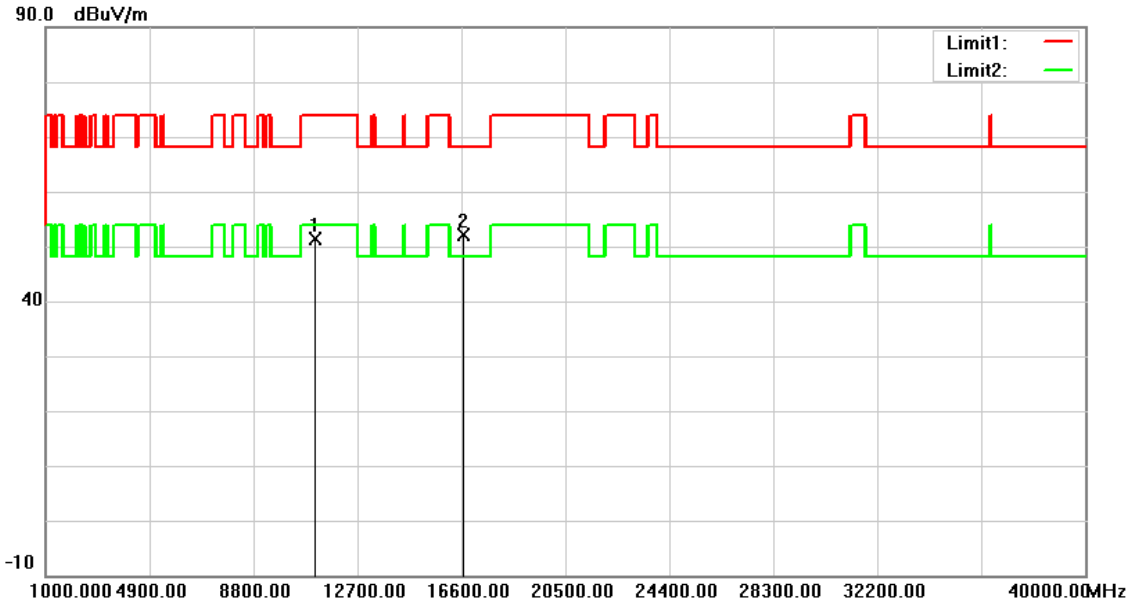
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	30.29	19.61	49.90	74.00	-24.10	peak
2	16500.000	68.93	-17.99	50.94	68.20	-17.26	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5560 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



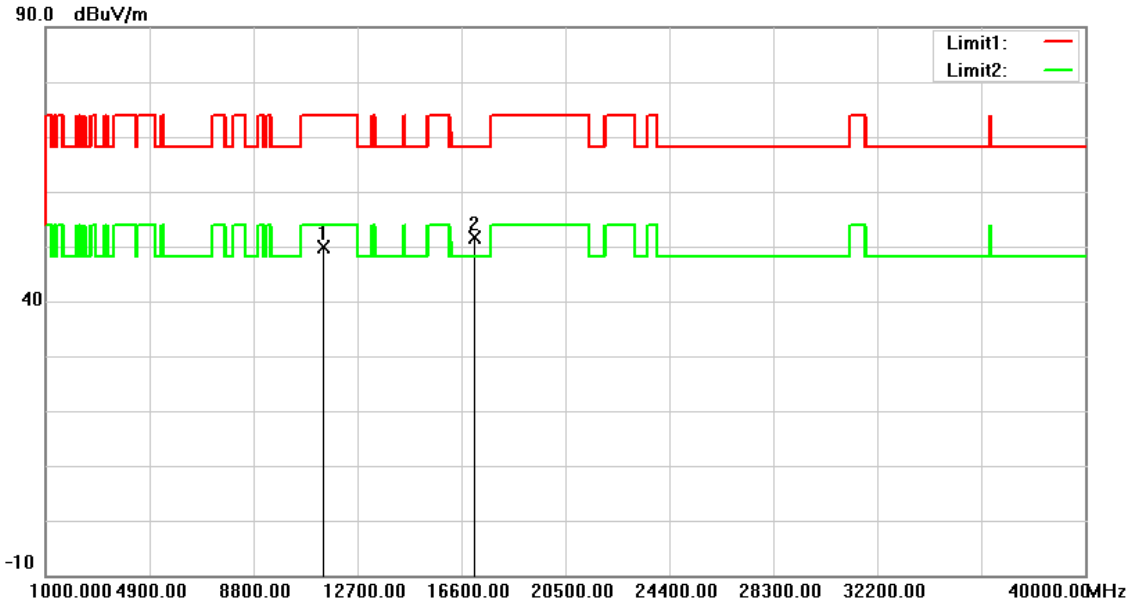
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	31.30	19.64	50.94	74.00	-23.06	peak
2	16680.000	68.07	-17.50	50.57	68.20	-17.63	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5560 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



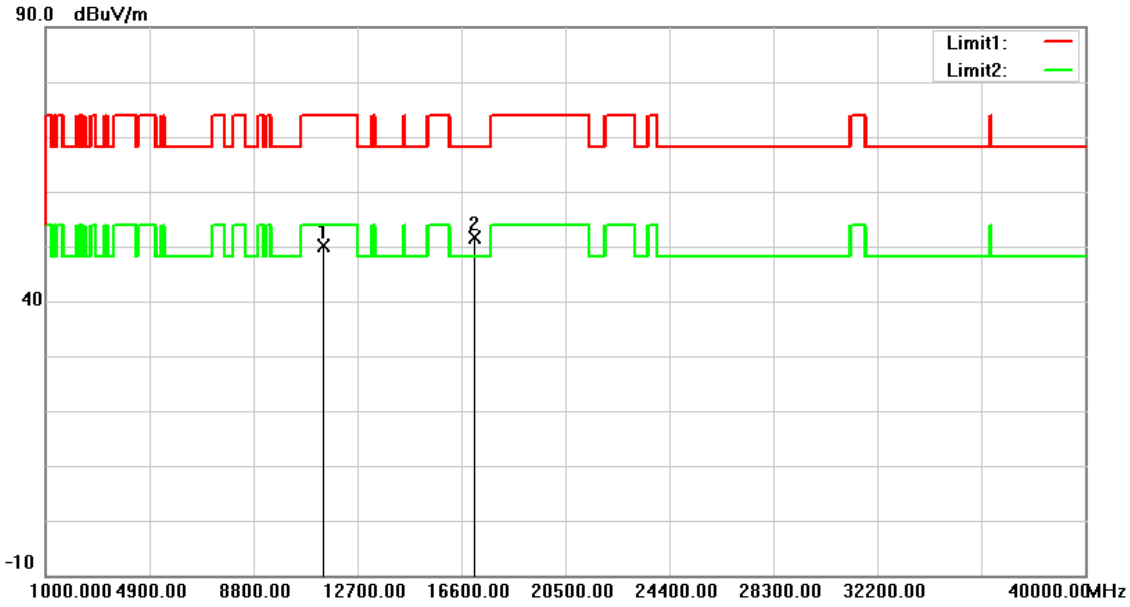
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	31.70	19.64	51.34	74.00	-22.66	peak
2	16680.000	69.66	-17.50	52.16	68.20	-16.04	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5700 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



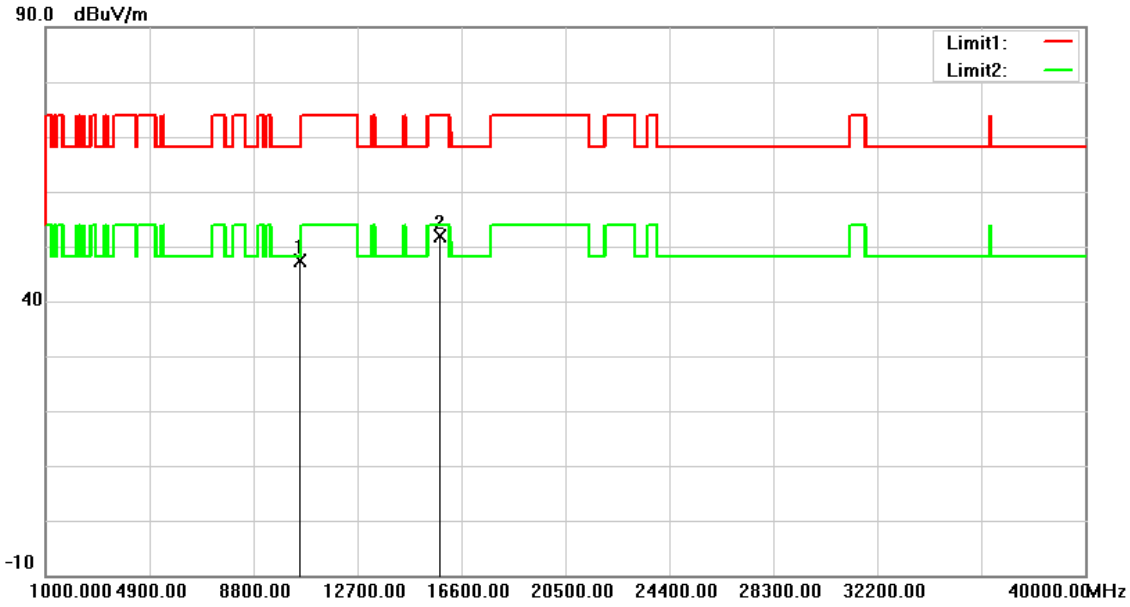
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	29.71	20.12	49.83	74.00	-24.17	peak
2	17100.000	68.17	-16.55	51.62	68.20	-16.58	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5700 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



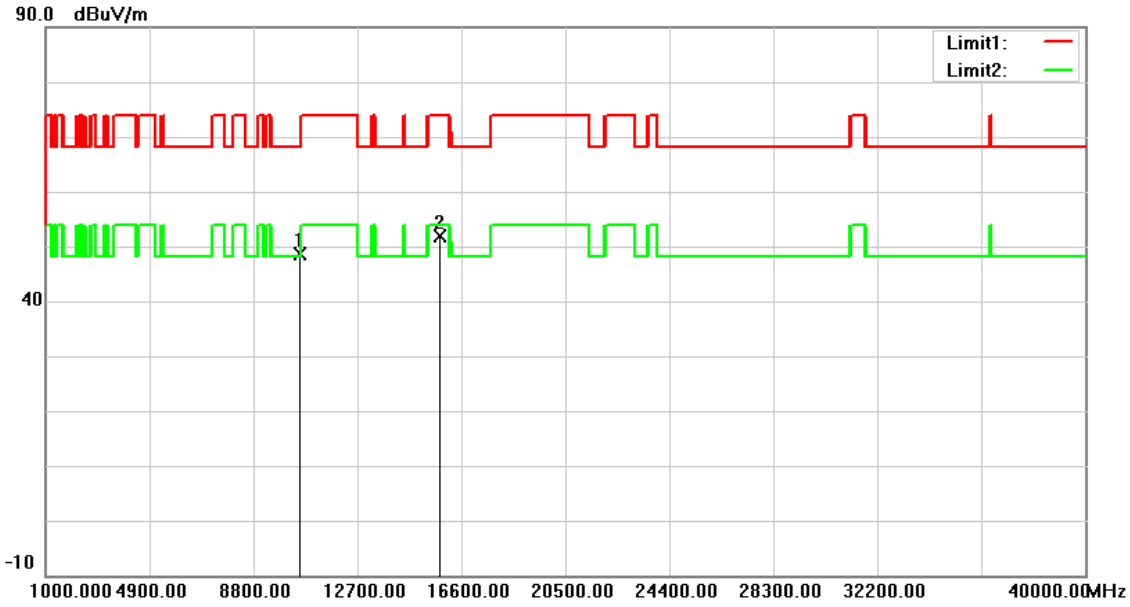
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	29.99	20.12	50.11	74.00	-23.89	peak
2	17100.000	68.06	-16.55	51.51	68.20	-16.69	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



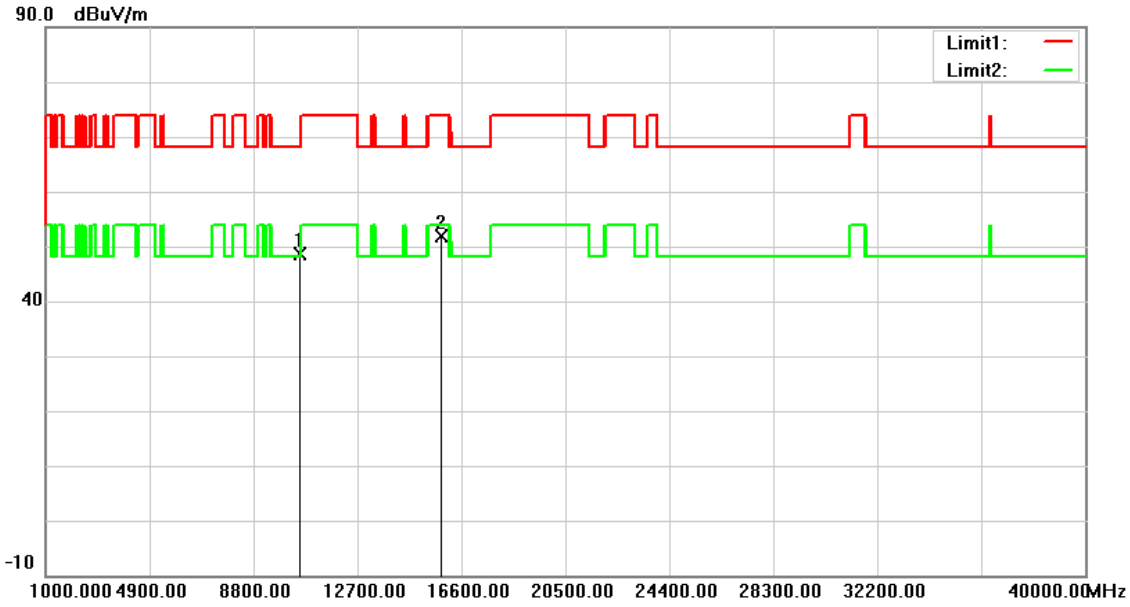
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	28.78	18.71	47.49	68.20	-20.71	peak
2	15780.000	70.60	-18.75	51.85	74.00	-22.15	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



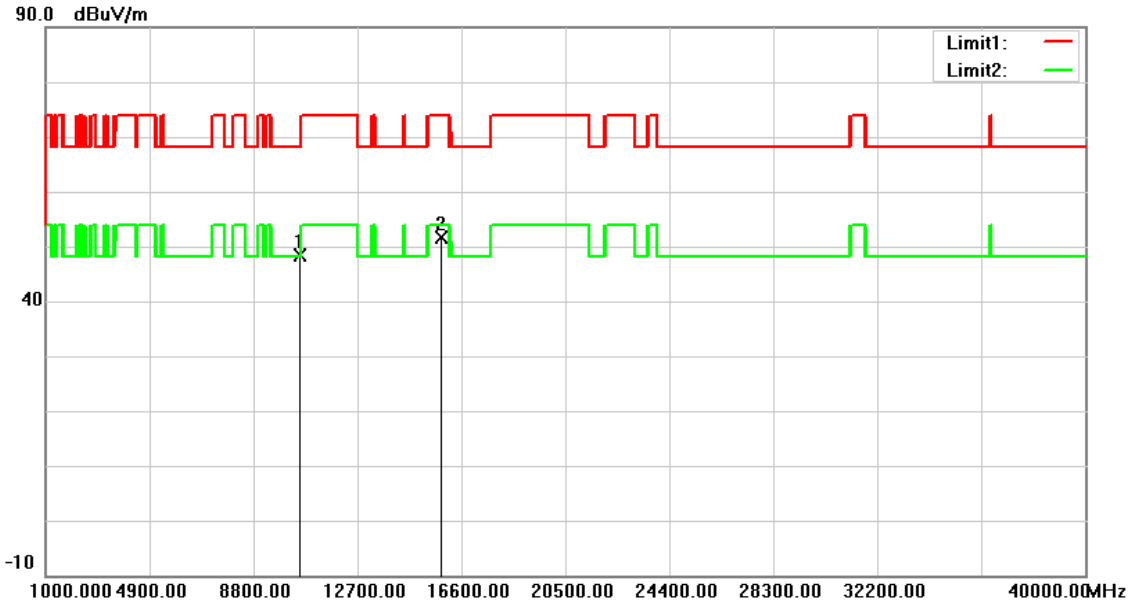
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	29.95	18.71	48.66	68.20	-19.54	peak
2	15780.000	70.64	-18.75	51.89	74.00	-22.11	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5280 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



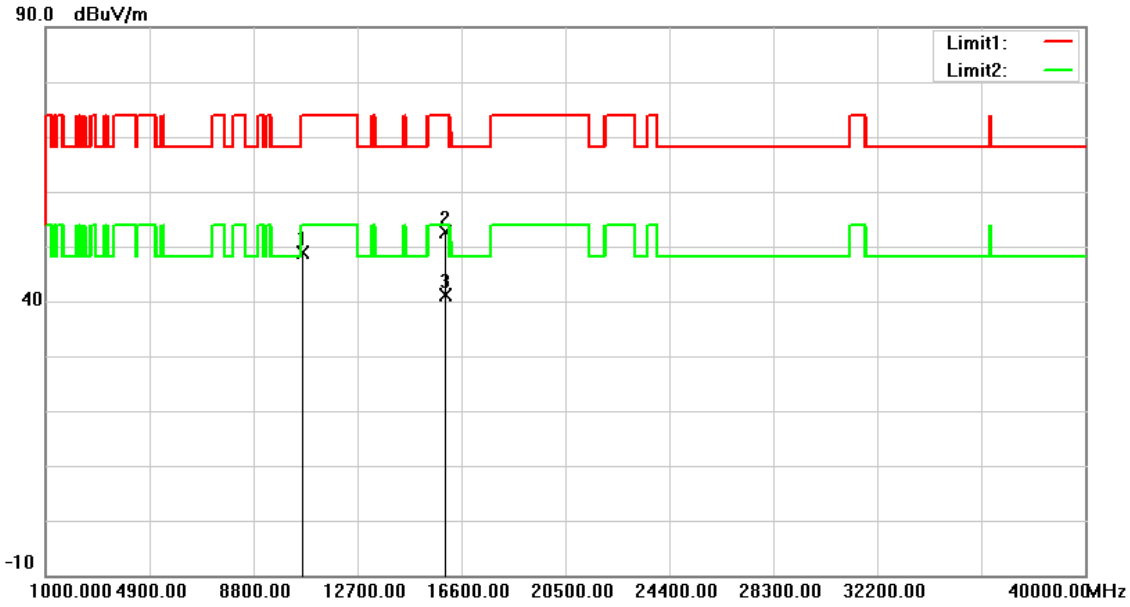
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	29.89	18.71	48.60	68.20	-19.60	peak
2	15840.000	70.74	-18.89	51.85	74.00	-22.15	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5280 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



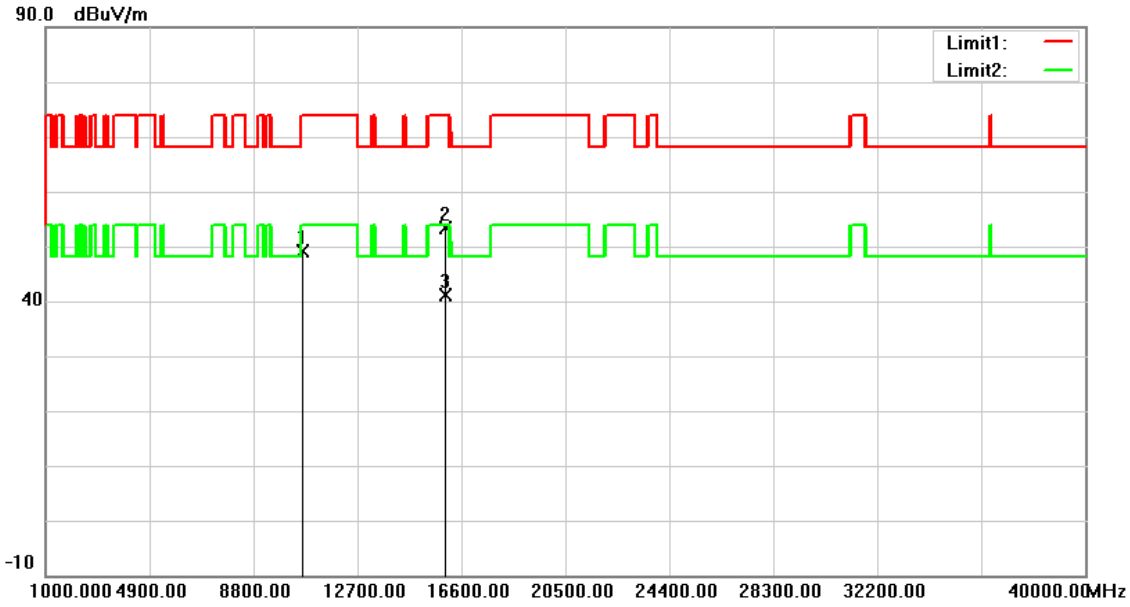
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	29.63	18.71	48.34	68.20	-19.86	peak
2	15840.000	70.55	-18.89	51.66	74.00	-22.34	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5320 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



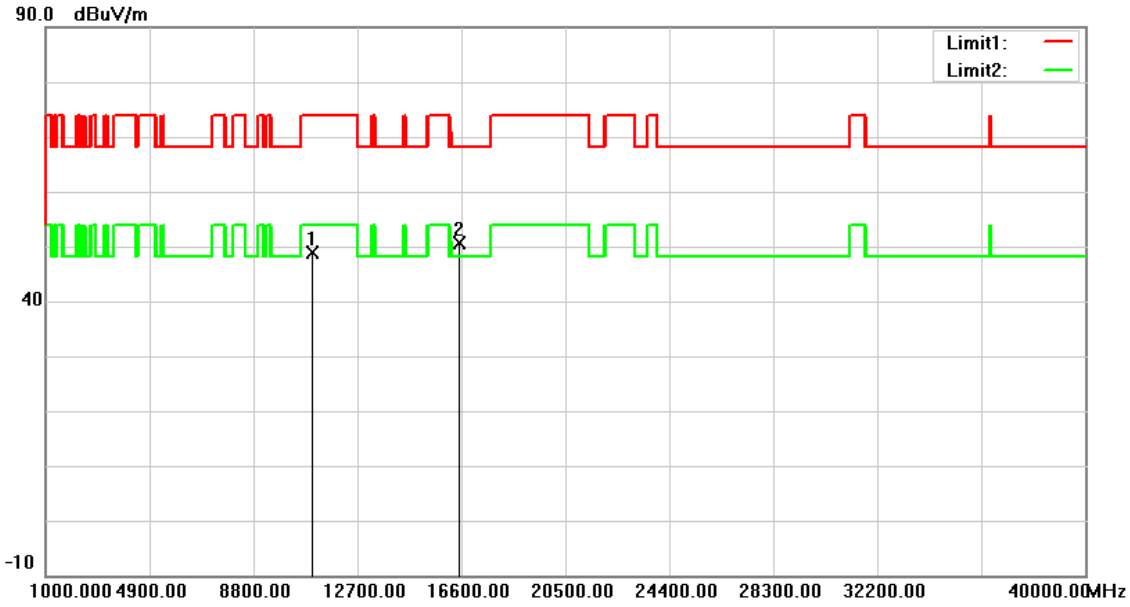
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	30.04	18.79	48.83	74.00	-25.17	peak
2	15960.000	71.88	-19.18	52.70	74.00	-21.30	peak
3	15960.000	60.32	-19.18	41.14	54.00	-12.86	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5320 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



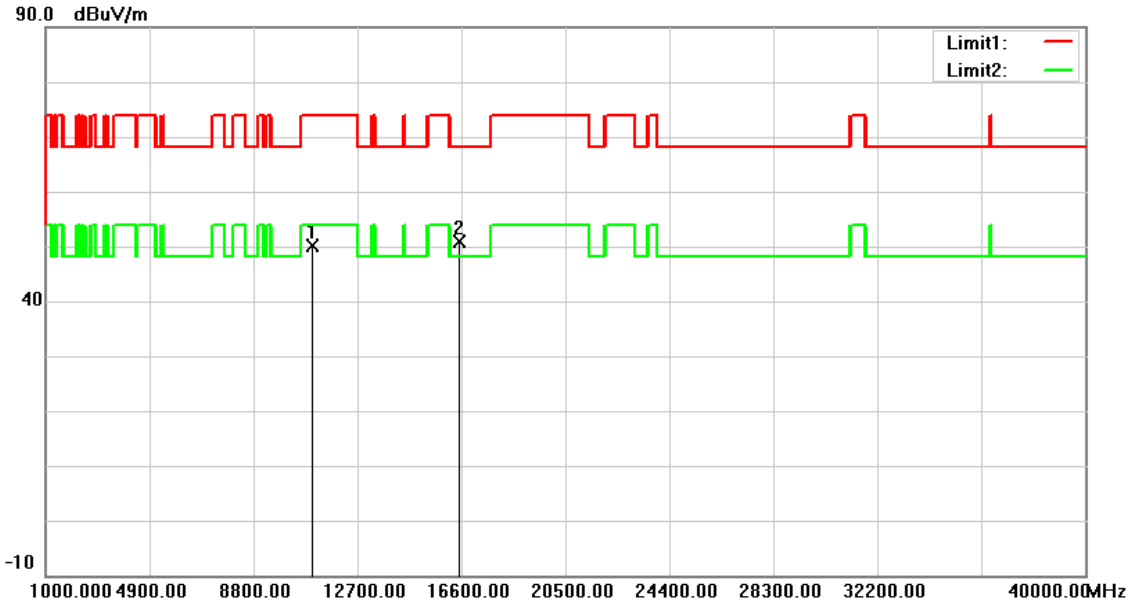
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	30.37	18.79	49.16	74.00	-24.84	peak
2	15960.000	72.56	-19.18	53.38	74.00	-20.62	peak
3	15960.000	60.40	-19.18	41.22	54.00	-12.78	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5500 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



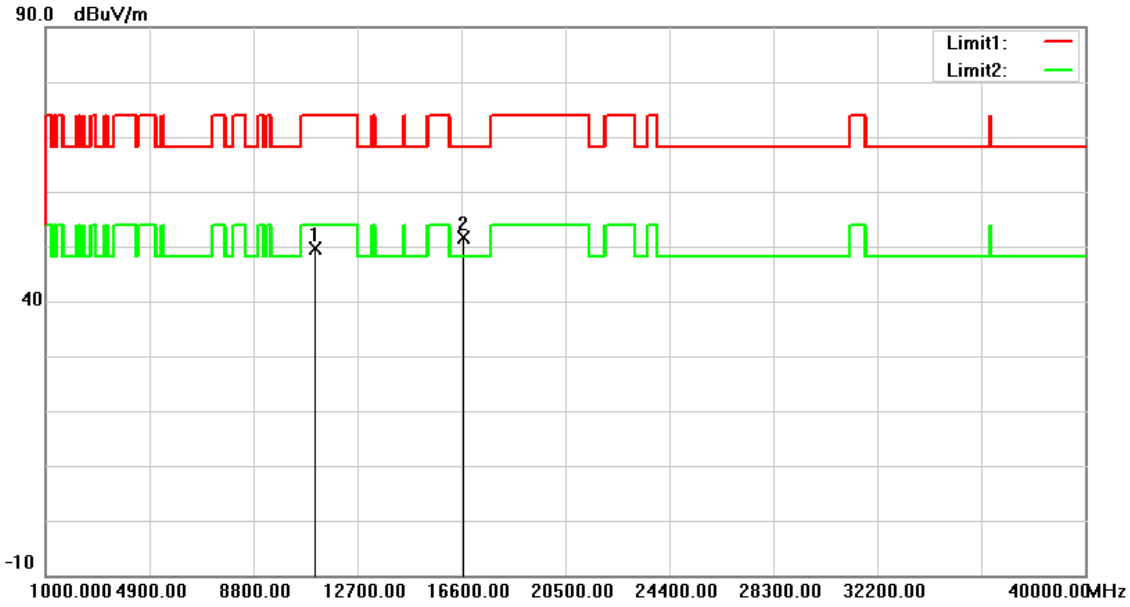
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	29.20	19.61	48.81	74.00	-25.19	peak
2	16500.000	68.59	-17.99	50.60	68.20	-17.60	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5500 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



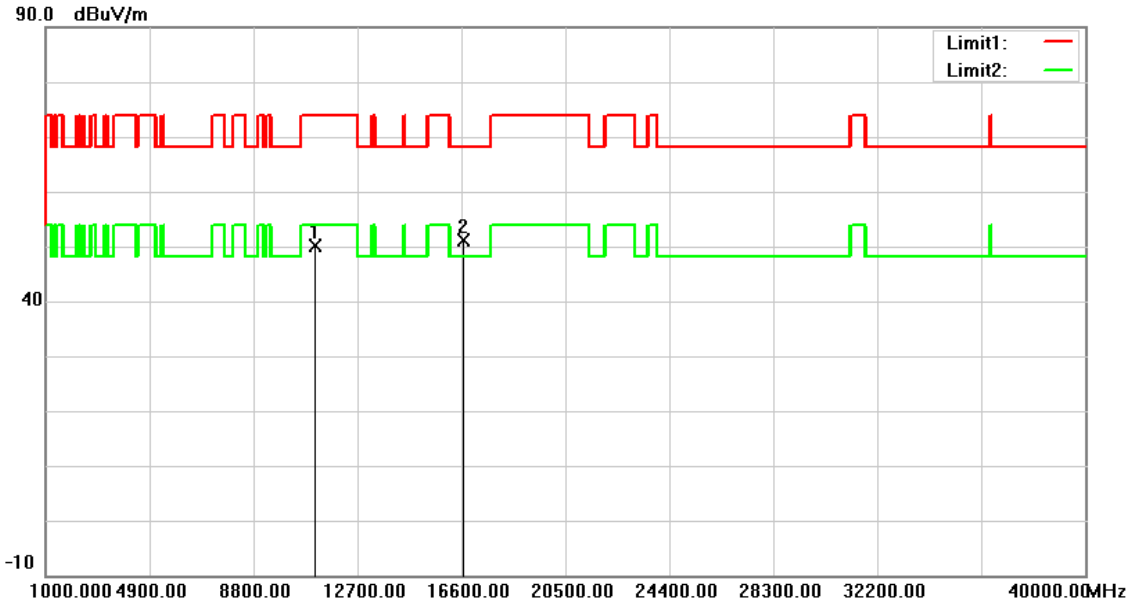
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	30.45	19.61	50.06	74.00	-23.94	peak
2	16500.000	68.96	-17.99	50.97	68.20	-17.23	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5560 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



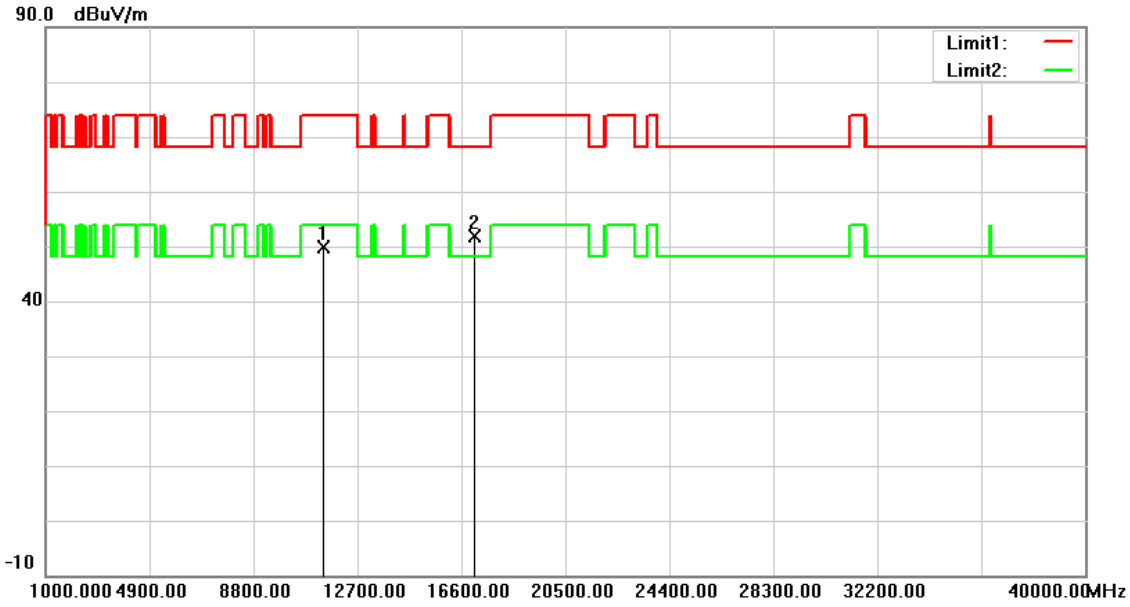
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	29.89	19.64	49.53	74.00	-24.47	peak
2	16680.000	69.15	-17.50	51.65	68.20	-16.55	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5560 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



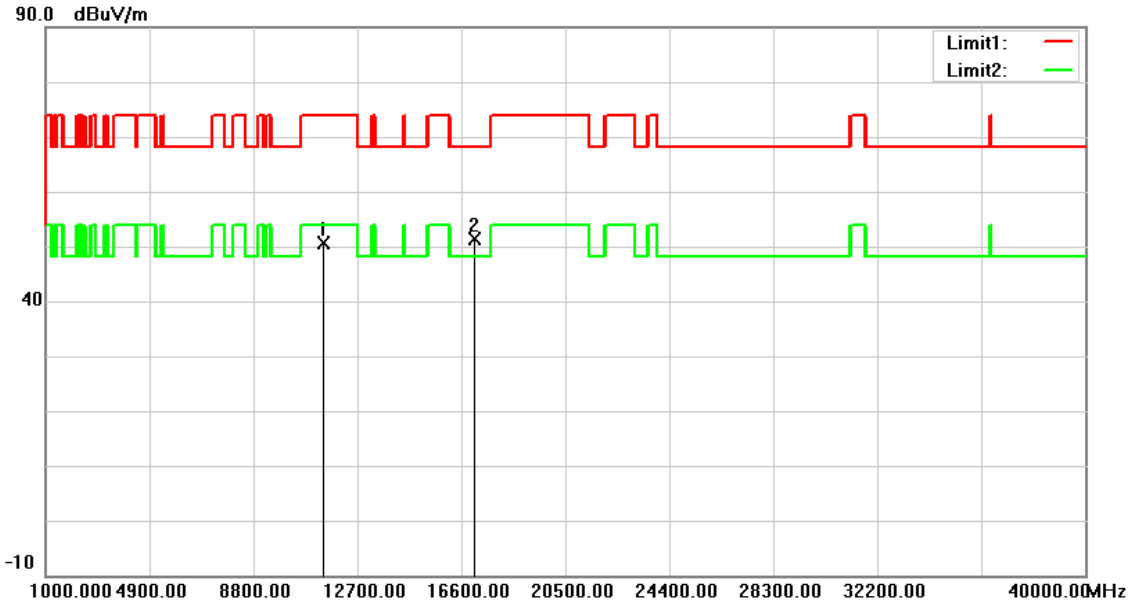
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	30.52	19.64	50.16	74.00	-23.84	peak
2	16680.000	68.72	-17.50	51.22	68.20	-16.98	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5700 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



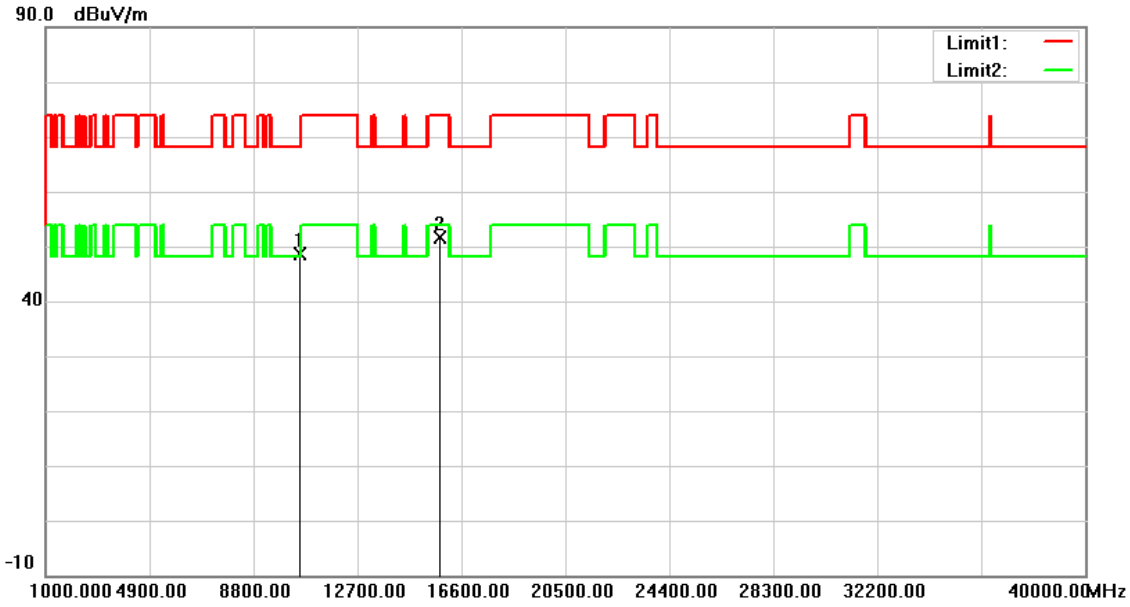
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	29.68	20.12	49.80	74.00	-24.20	peak
2	17100.000	68.47	-16.55	51.92	68.20	-16.28	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5700 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



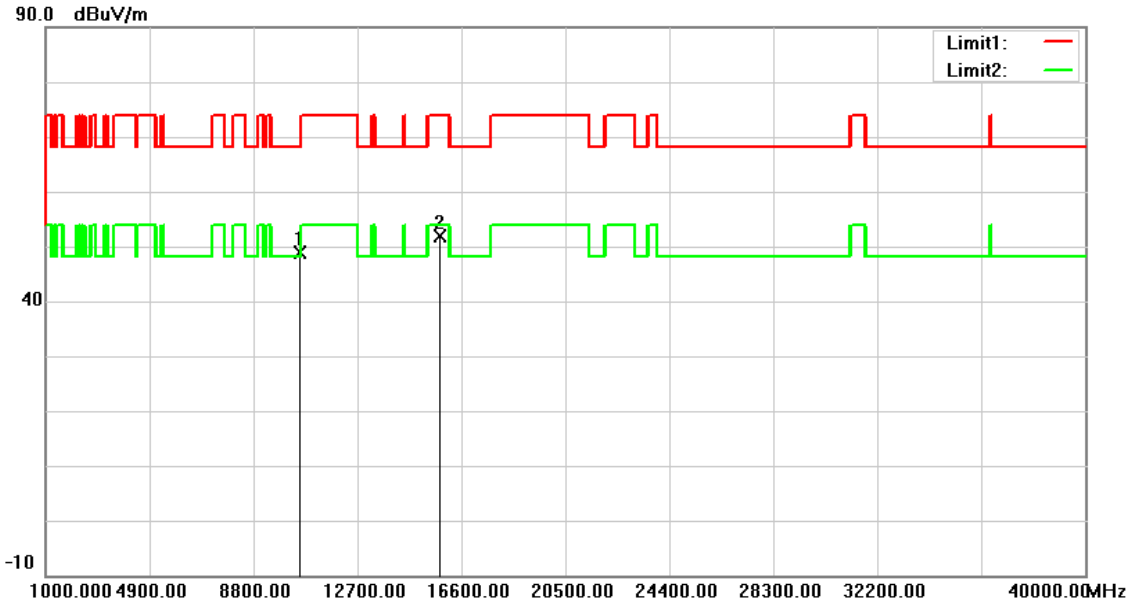
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	30.41	20.12	50.53	74.00	-23.47	peak
2	17100.000	68.02	-16.55	51.47	68.20	-16.73	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



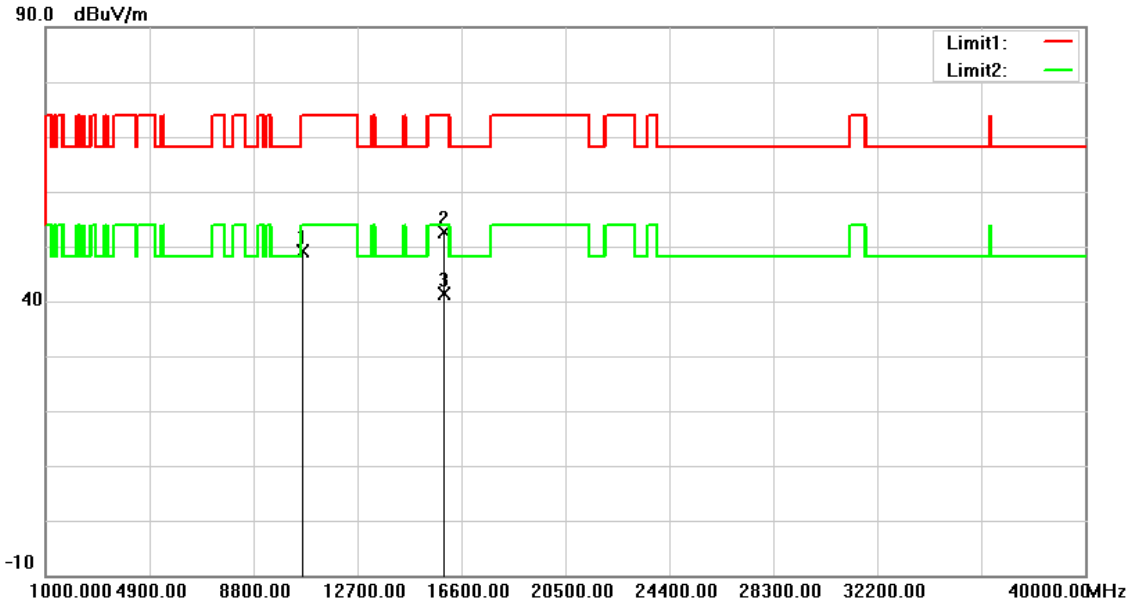
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	29.81	18.71	48.52	68.20	-19.68	peak
2	15810.000	70.56	-18.82	51.74	74.00	-22.26	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



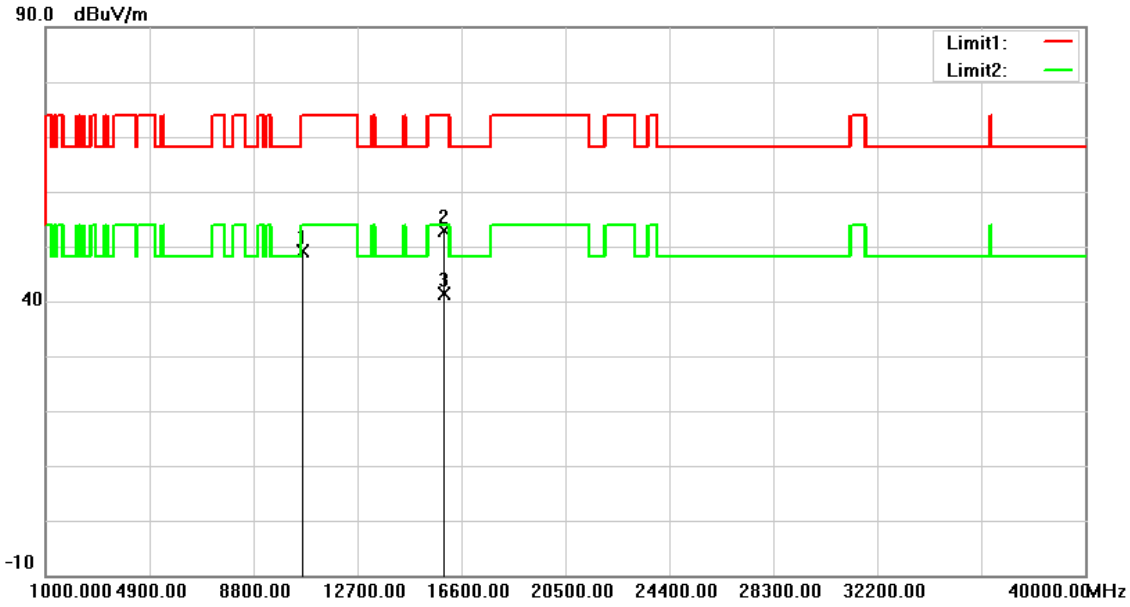
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	30.07	18.71	48.78	68.20	-19.42	peak
2	15810.000	70.63	-18.82	51.81	74.00	-22.19	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5310 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



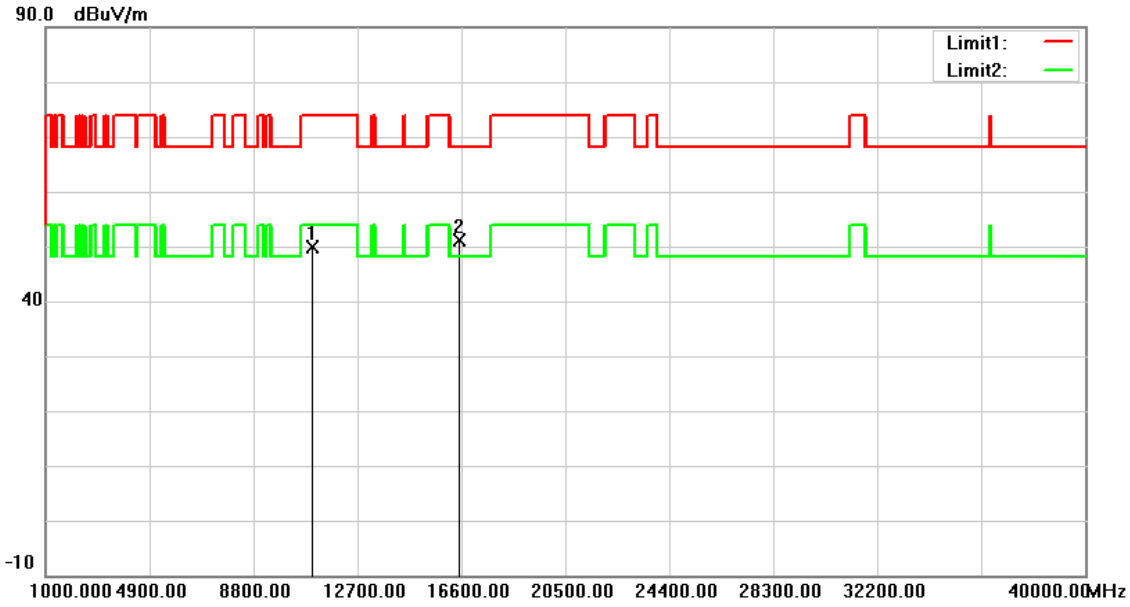
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	30.32	18.75	49.07	74.00	-24.93	peak
2	15930.000	71.72	-19.10	52.62	74.00	-21.38	peak
3	15930.000	60.48	-19.10	41.38	54.00	-12.62	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5310 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



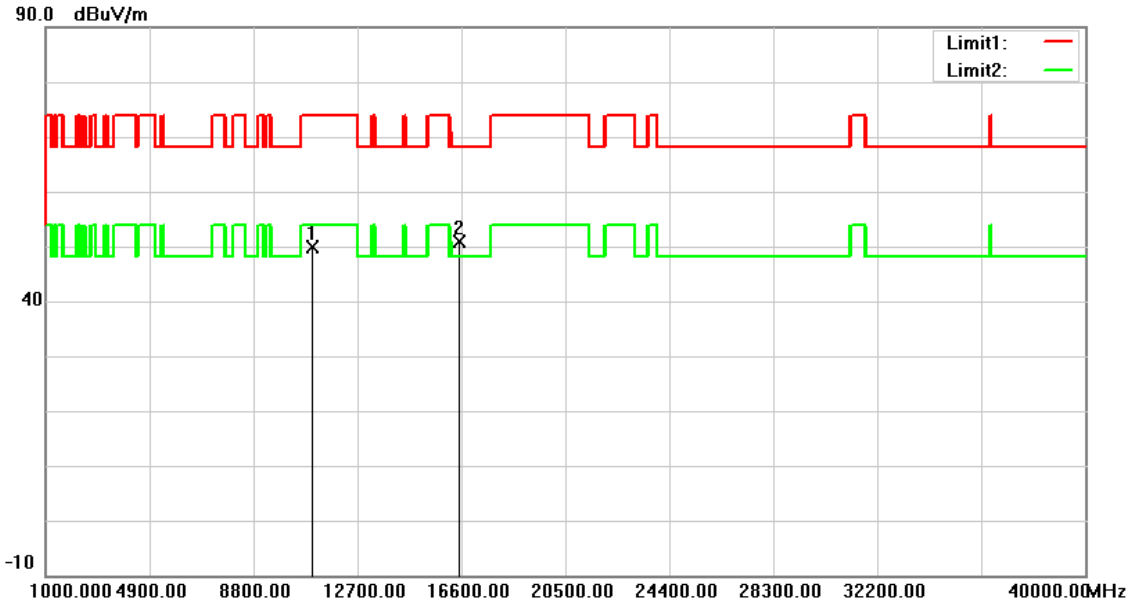
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	30.38	18.75	49.13	74.00	-24.87	peak
2	15930.000	71.95	-19.10	52.85	74.00	-21.15	peak
3	15930.000	60.52	-19.10	41.42	54.00	-12.58	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5510 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



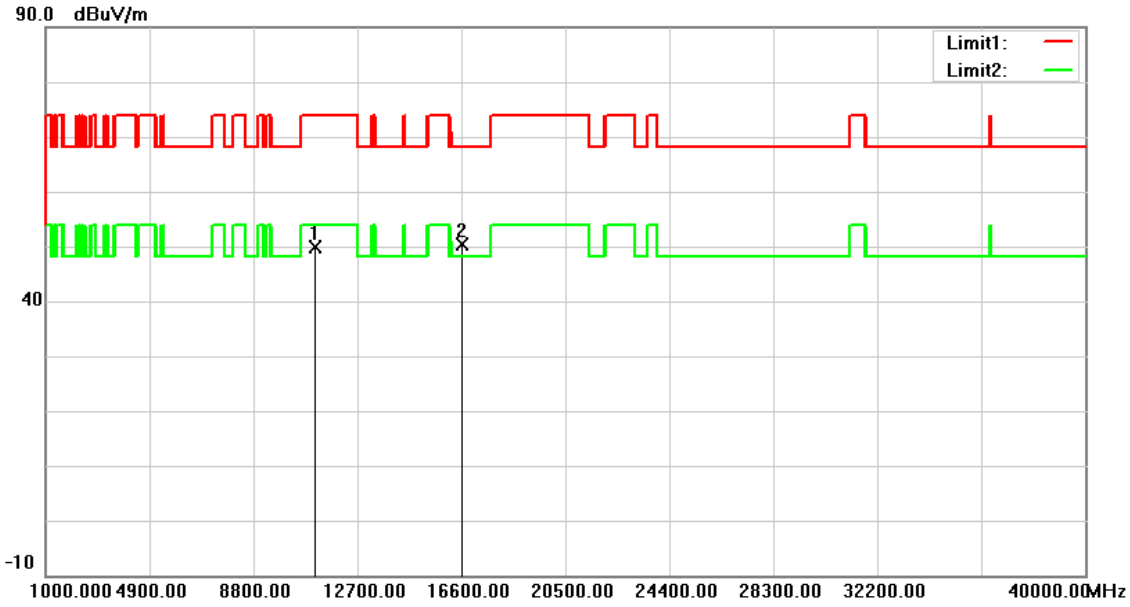
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	30.28	19.61	49.89	74.00	-24.11	peak
2	16530.000	68.94	-17.91	51.03	68.20	-17.17	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5510 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



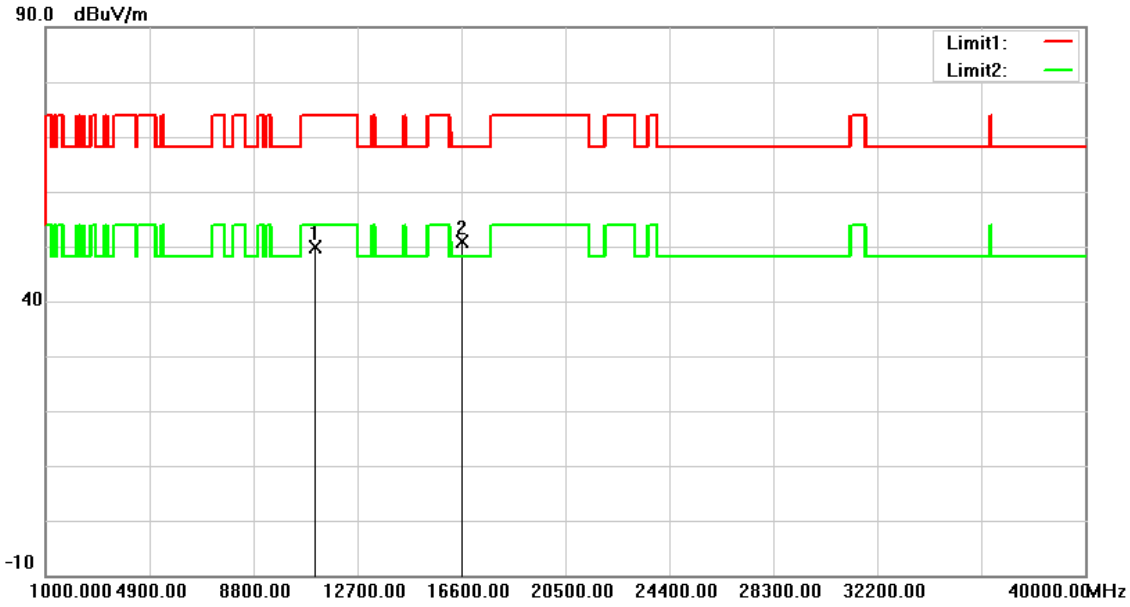
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	30.15	19.61	49.76	74.00	-24.24	peak
2	16530.000	68.71	-17.91	50.80	68.20	-17.40	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5550 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



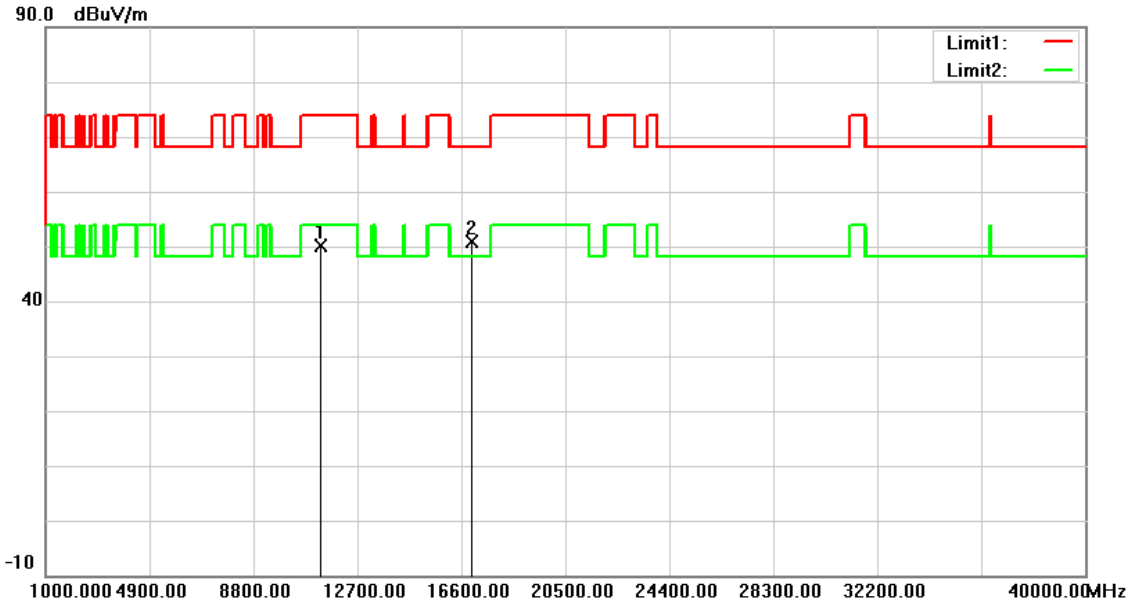
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11100.000	30.34	19.63	49.97	74.00	-24.03	peak
2	16650.000	67.96	-17.58	50.38	68.20	-17.82	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5550 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



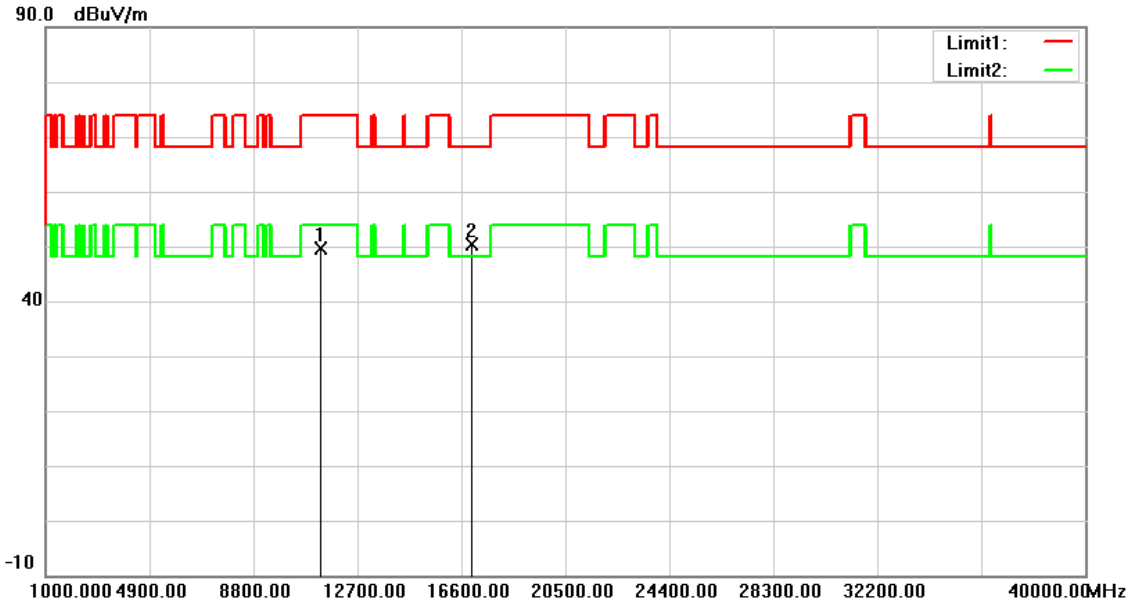
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11100.000	30.18	19.63	49.81	74.00	-24.19	peak
2	16650.000	68.47	-17.58	50.89	68.20	-17.31	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5670 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



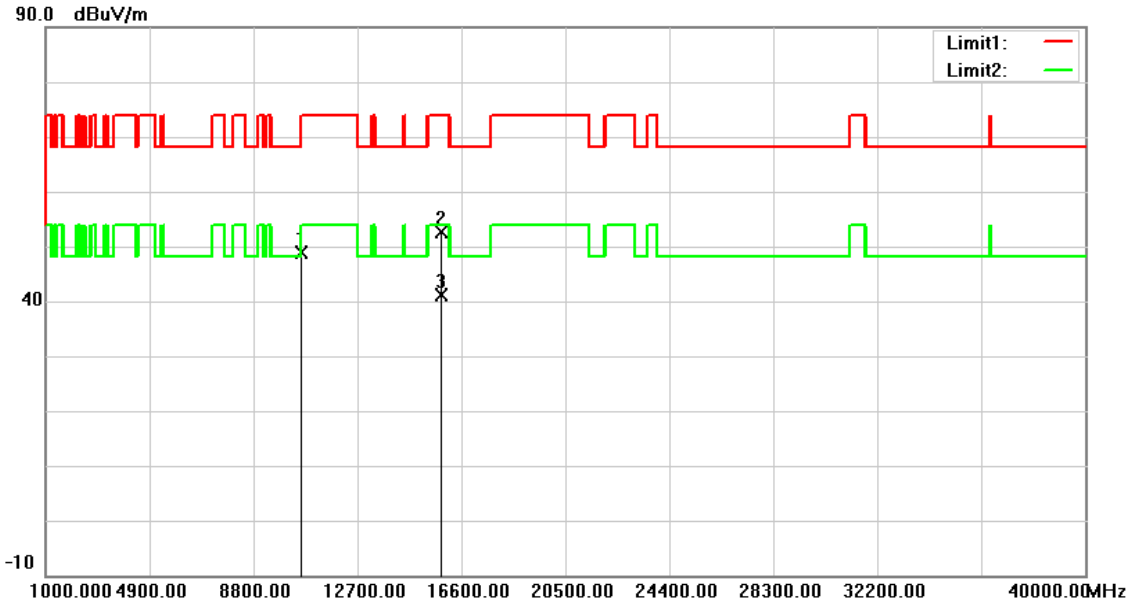
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	30.19	19.92	50.11	74.00	-23.89	peak
2	17010.000	67.59	-16.62	50.97	68.20	-17.23	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5670 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



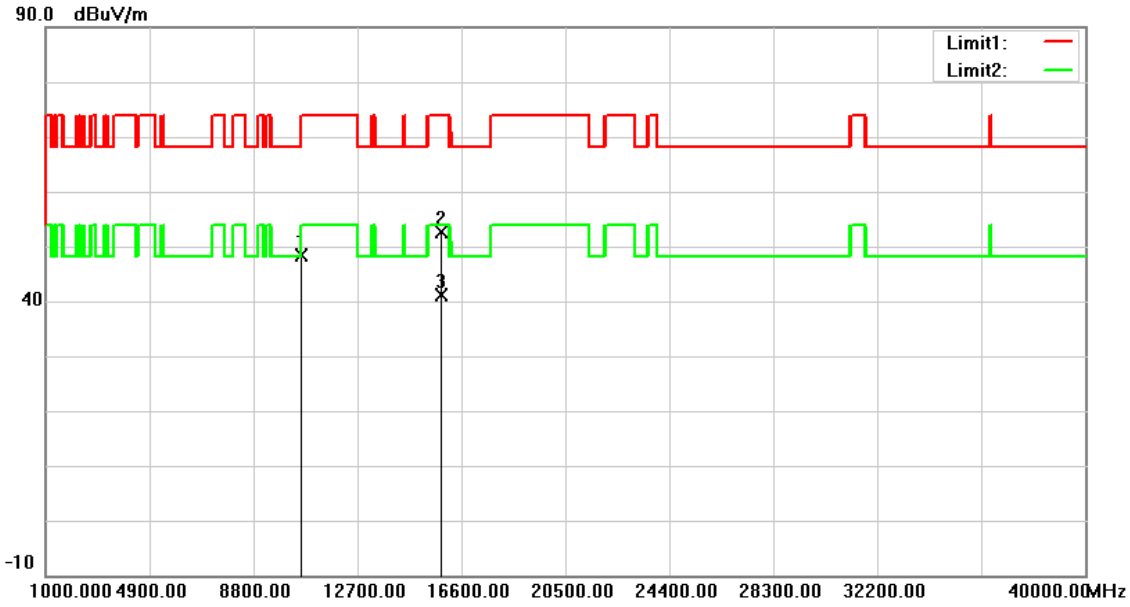
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	29.72	19.92	49.64	74.00	-24.36	peak
2	17010.000	66.98	-16.62	50.36	68.20	-17.84	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Horizontal		



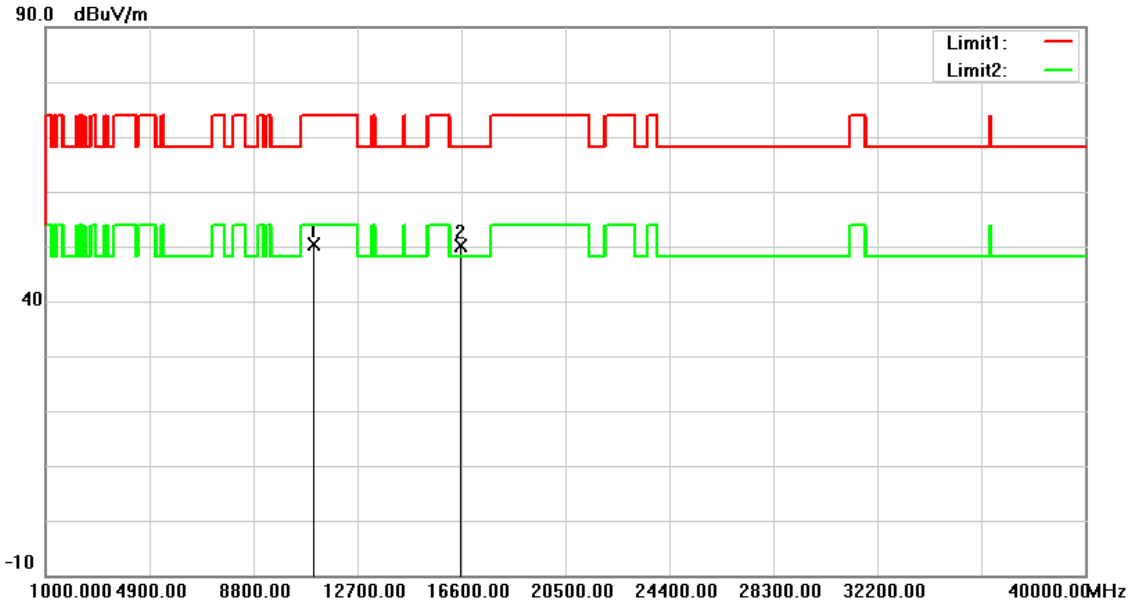
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	30.28	18.71	48.99	68.20	-19.21	peak
2	15870.000	71.50	-18.96	52.54	74.00	-21.46	peak
3	15870.000	60.09	-18.96	41.13	54.00	-12.87	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Vertical		



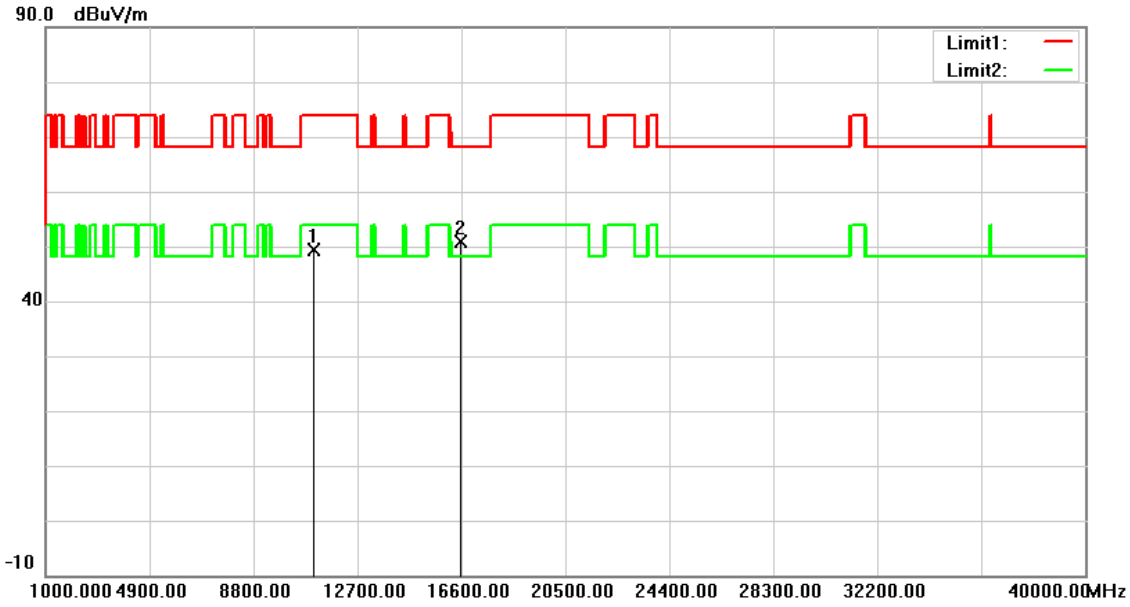
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	29.70	18.71	48.41	68.20	-19.79	peak
2	15870.000	71.66	-18.96	52.70	74.00	-21.30	peak
3	15870.000	59.99	-18.96	41.03	54.00	-12.97	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5530 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Horizontal		



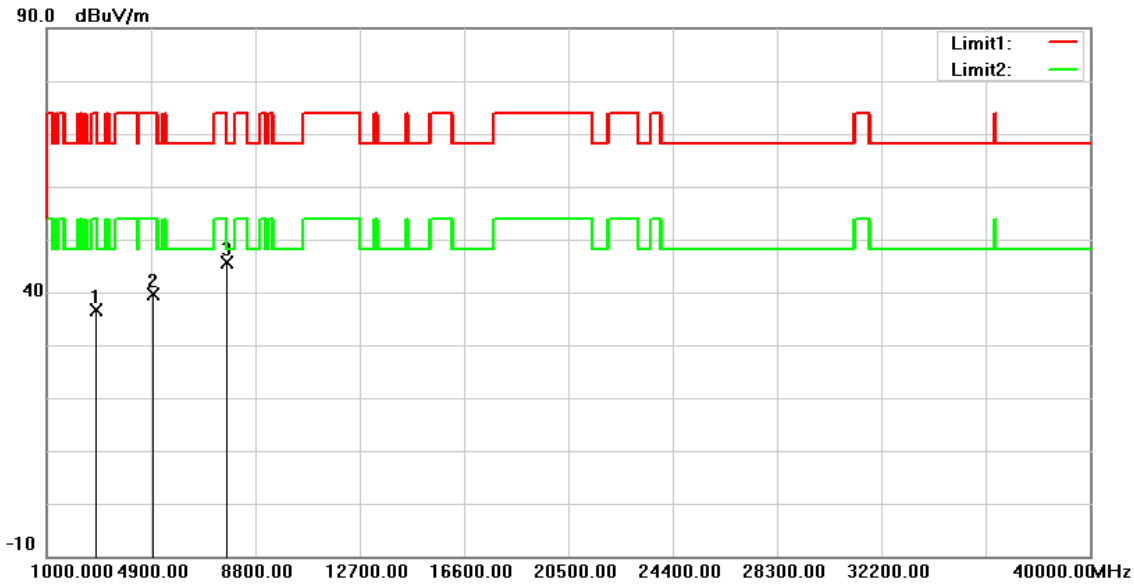
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	30.86	19.62	50.48	74.00	-23.52	peak
2	16590.000	67.92	-17.75	50.17	68.20	-18.03	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5530 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	29.75	19.62	49.37	74.00	-24.63	peak
2	16590.000	68.51	-17.75	50.76	68.20	-17.44	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Transmitter Unwanted Emissions		
Test Mode:	Simultaneous Transmitting		
	Wlan 2.4G + Wlan 5G + Scanning 2.4G + Scanning 5G		
Ant.Polar.:	Horizontal		



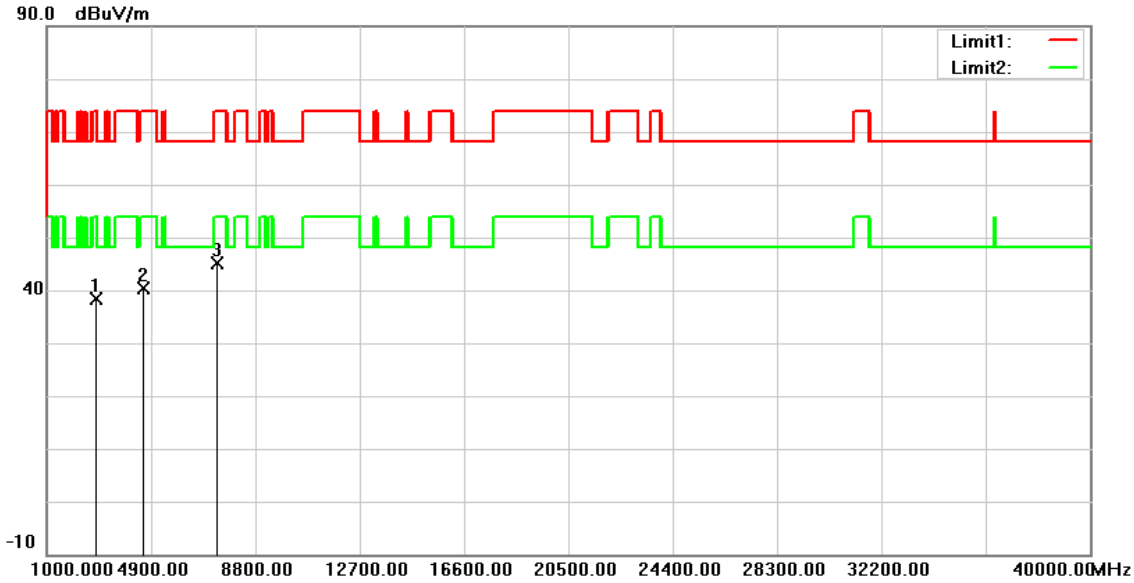
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2853.000	36.12	0.54	36.66	74.00	-37.34	peak
2	4995.000	32.59	6.94	39.53	74.00	-34.47	peak
3	7681.000	32.07	13.51	45.58	74.00	-28.42	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Transmitter Unwanted Emissions		
Test Mode:	Simultaneous Transmitting		
	Wlan 2.4G + Wlan 5G + Scanning 2.4G + Scanning 5G		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2802.000	38.23	0.17	38.40	74.00	-35.60	peak
2	4587.000	34.39	6.05	40.44	74.00	-33.56	peak
3	7358.000	31.52	13.65	45.17	74.00	-28.83	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

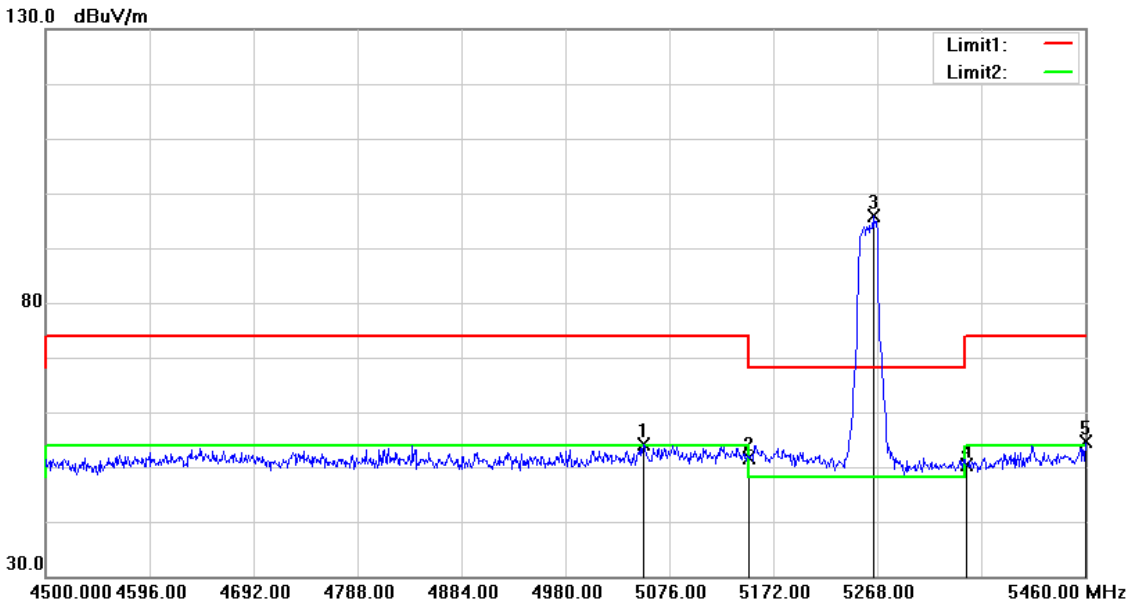
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Band Edge

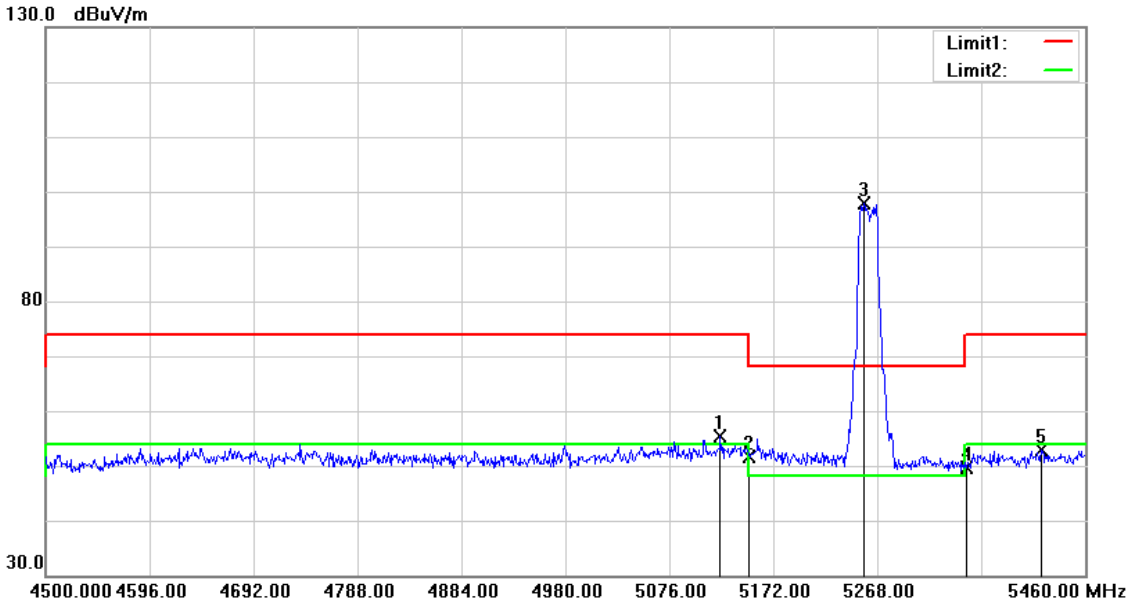
Peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



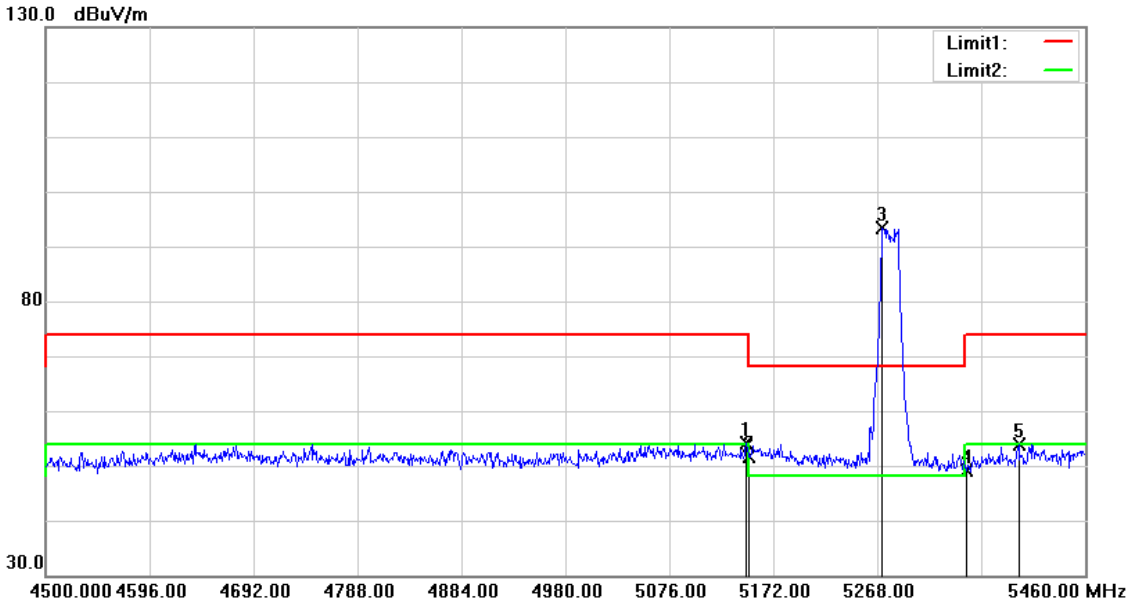
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5052.000	46.65	7.41	54.06	74.00	-19.94	peak
2	5150.000	44.02	7.66	51.68	74.00	-22.32	peak
3	5264.160	88.57	7.33	95.90	68.20	27.70	peak
4	5350.000	42.98	7.30	50.28	74.00	-23.72	peak
5	5460.000	46.82	7.74	54.56	74.00	-19.44	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



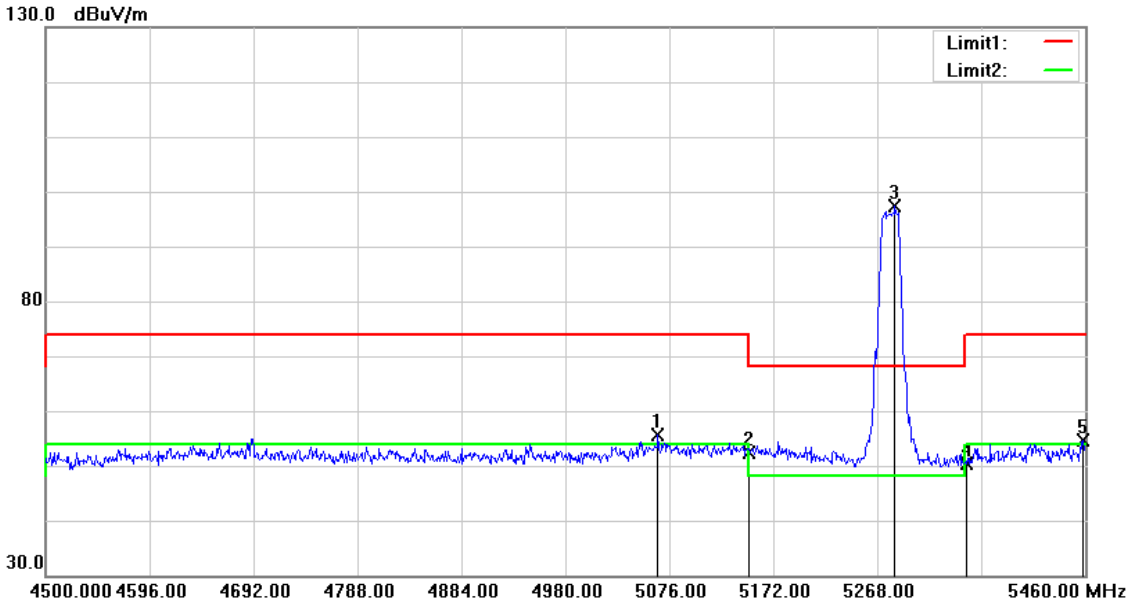
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5123.040	47.70	7.70	55.40	74.00	-18.60	peak
2	5150.000	44.08	7.66	51.74	74.00	-22.26	peak
3	5255.520	90.49	7.33	97.82	68.20	29.62	peak
4	5350.000	42.22	7.30	49.52	74.00	-24.48	peak
5	5419.680	45.57	7.39	52.96	74.00	-21.04	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



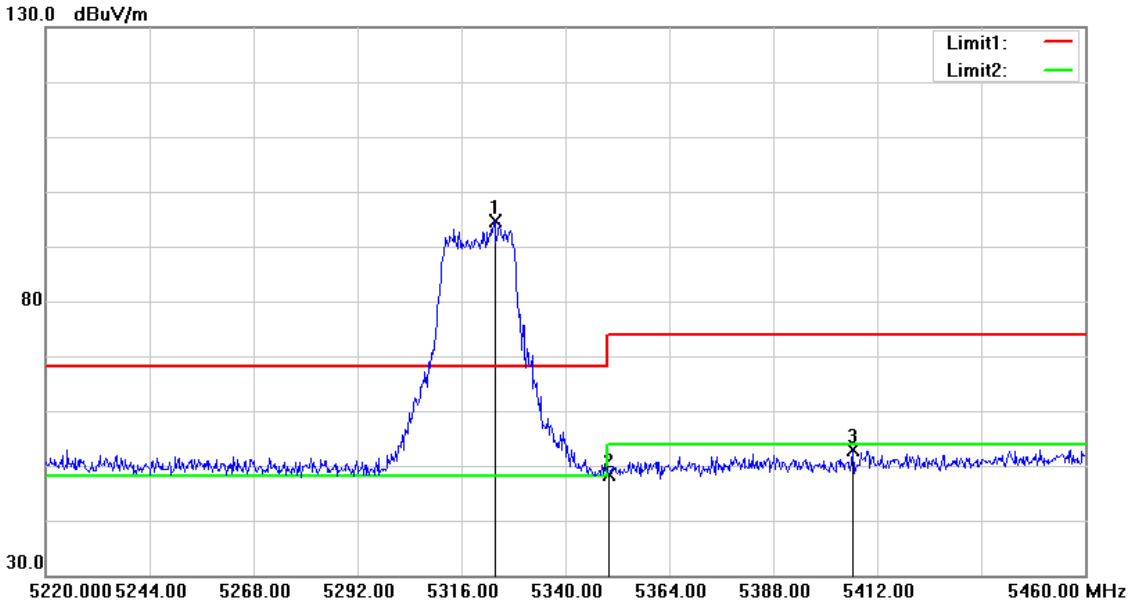
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.040	46.43	7.66	54.09	74.00	-19.91	peak
2	5150.000	43.95	7.66	51.61	74.00	-22.39	peak
3	5272.800	86.00	7.34	93.34	68.20	25.14	peak
4	5350.000	41.76	7.30	49.06	74.00	-24.94	peak
5	5398.560	46.70	7.22	53.92	74.00	-20.08	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



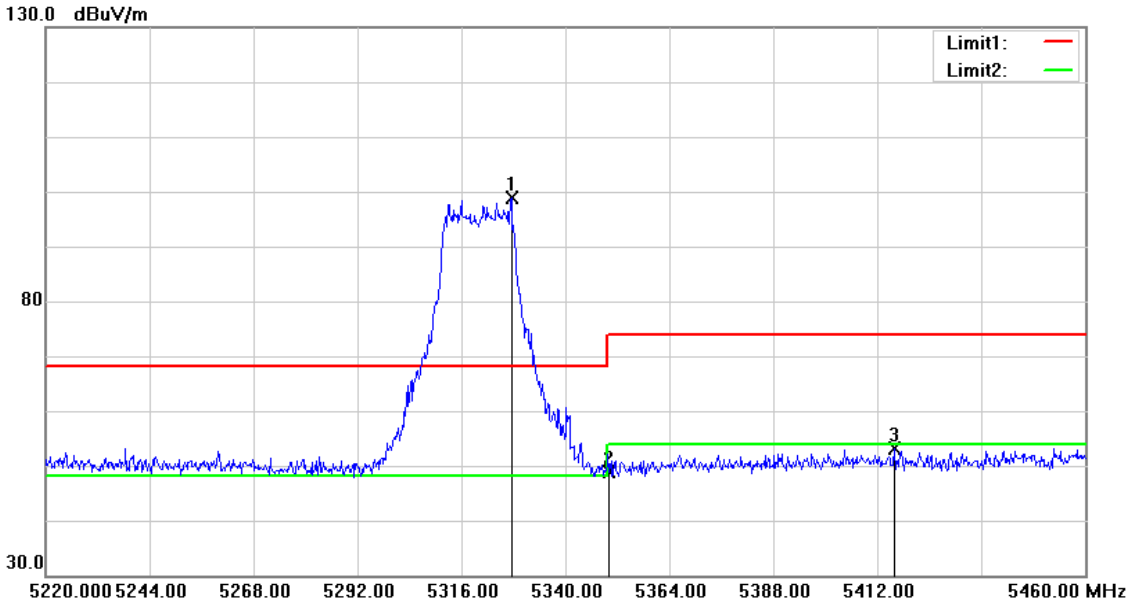
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5065.440	48.03	7.50	55.53	74.00	-18.47	peak
2	5150.000	44.74	7.66	52.40	74.00	-21.60	peak
3	5284.320	90.00	7.35	97.35	68.20	29.15	peak
4	5350.000	42.97	7.30	50.27	74.00	-23.73	peak
5	5458.080	46.80	7.72	54.52	74.00	-19.48	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



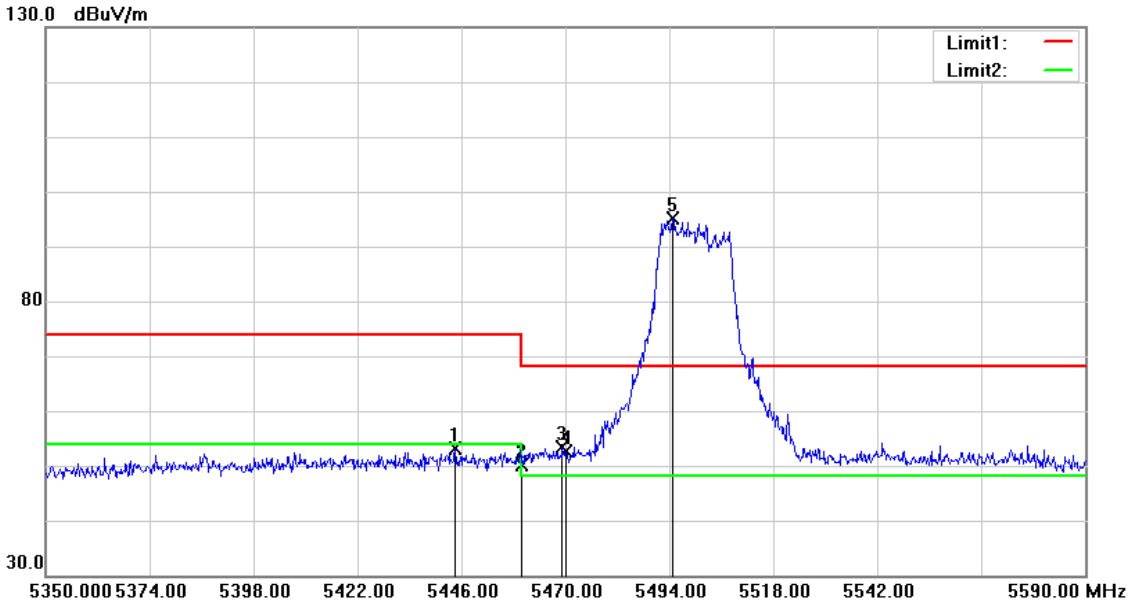
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5323.680	87.20	7.33	94.53	68.20	26.33	peak
2	5350.000	41.05	7.30	48.35	74.00	-25.65	peak
3	5406.480	45.71	7.27	52.98	74.00	-21.02	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



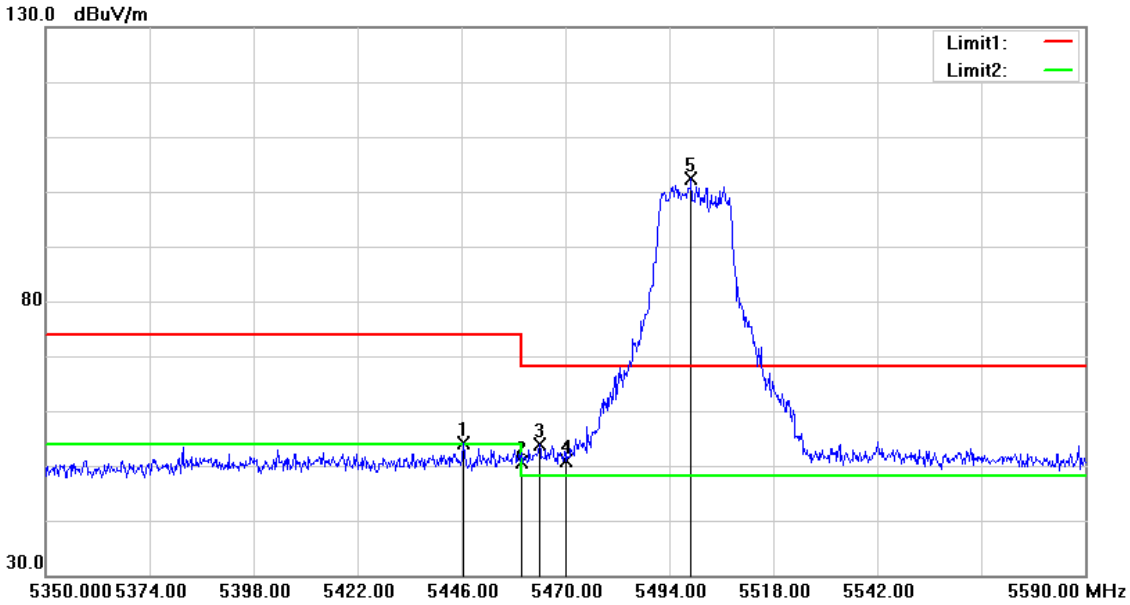
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5327.520	91.51	7.32	98.83	68.20	30.63	peak
2	5350.000	41.59	7.30	48.89	74.00	-25.11	peak
3	5415.840	45.84	7.36	53.20	74.00	-20.80	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



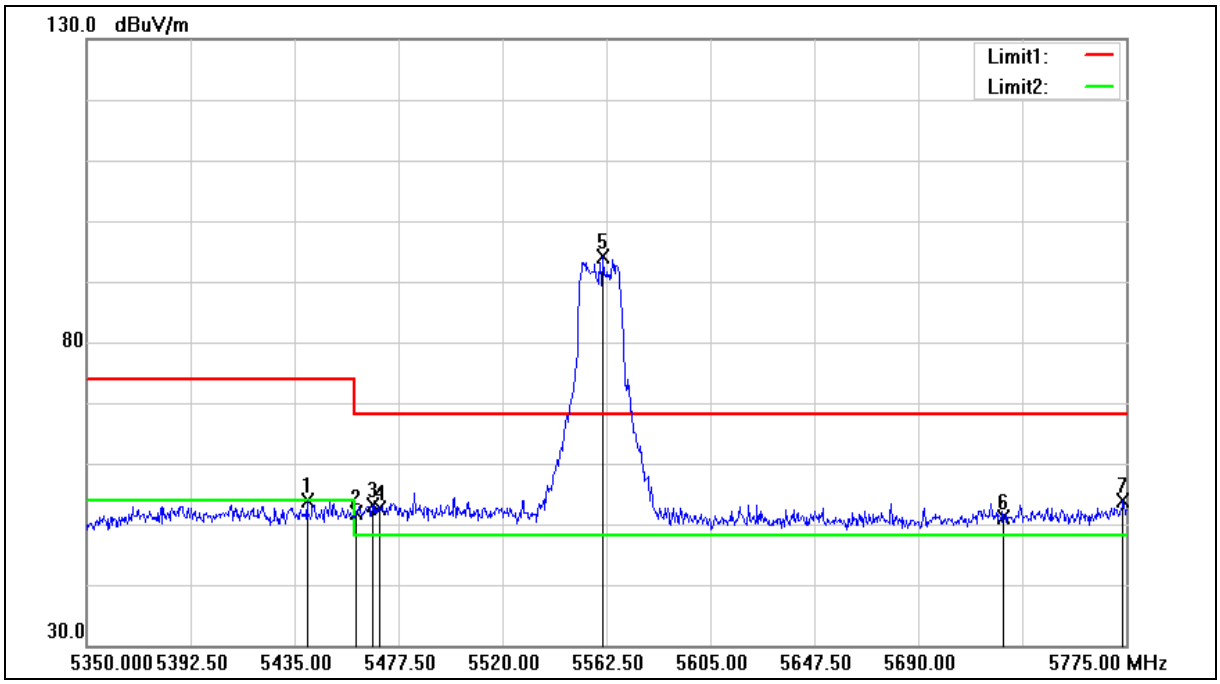
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5444.560	45.57	7.61	53.18	74.00	-20.82	peak
2	5460.000	42.34	7.74	50.08	74.00	-23.92	peak
3	5469.280	45.66	7.82	53.48	68.20	-14.72	peak
4	5470.000	44.72	7.83	52.55	68.20	-15.65	peak
5	5494.720	87.09	8.05	95.14	68.20	26.94	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5446.480	46.46	7.62	54.08	74.00	-19.92	peak
2	5460.000	42.83	7.74	50.57	74.00	-23.43	peak
3	5464.000	46.06	7.77	53.83	68.20	-14.37	peak
4	5470.000	42.96	7.83	50.79	68.20	-17.41	peak
5	5499.040	94.19	8.08	102.27	68.20	34.07	peak

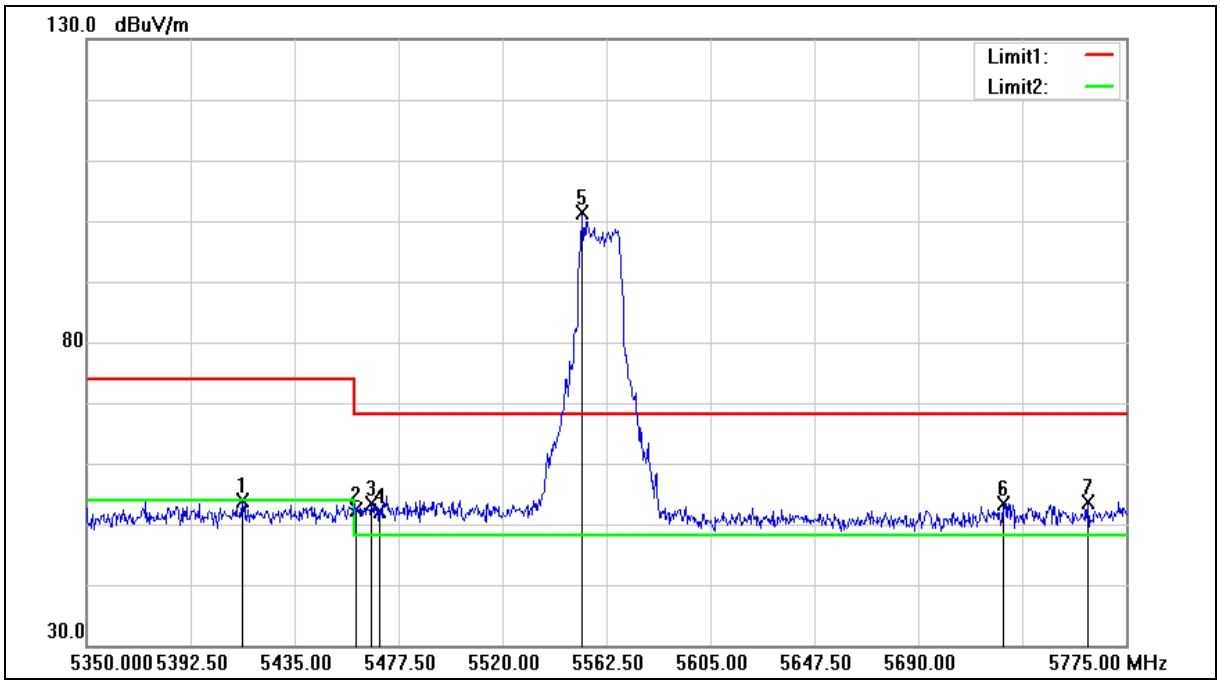
Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5440.100	46.21	7.57	53.78	74.00	-20.22	peak
2	5460.000	44.08	7.74	51.82	74.00	-22.18	peak
3	5466.875	45.37	7.80	53.17	68.20	-15.03	peak
4	5470.000	44.70	7.83	52.53	68.20	-15.67	peak
5	5560.800	86.16	7.88	94.04	68.20	25.84	peak
6	5725.000	42.99	8.10	51.09	68.20	-17.11	peak
7	5773.725	45.22	8.57	53.79	68.20	-14.41	peak

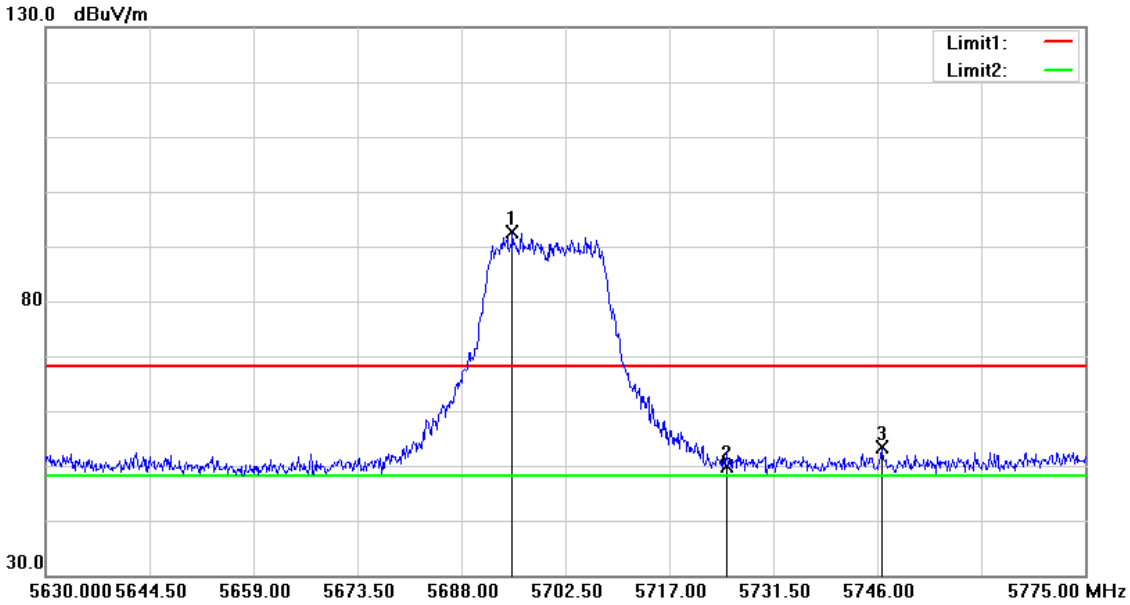
Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		

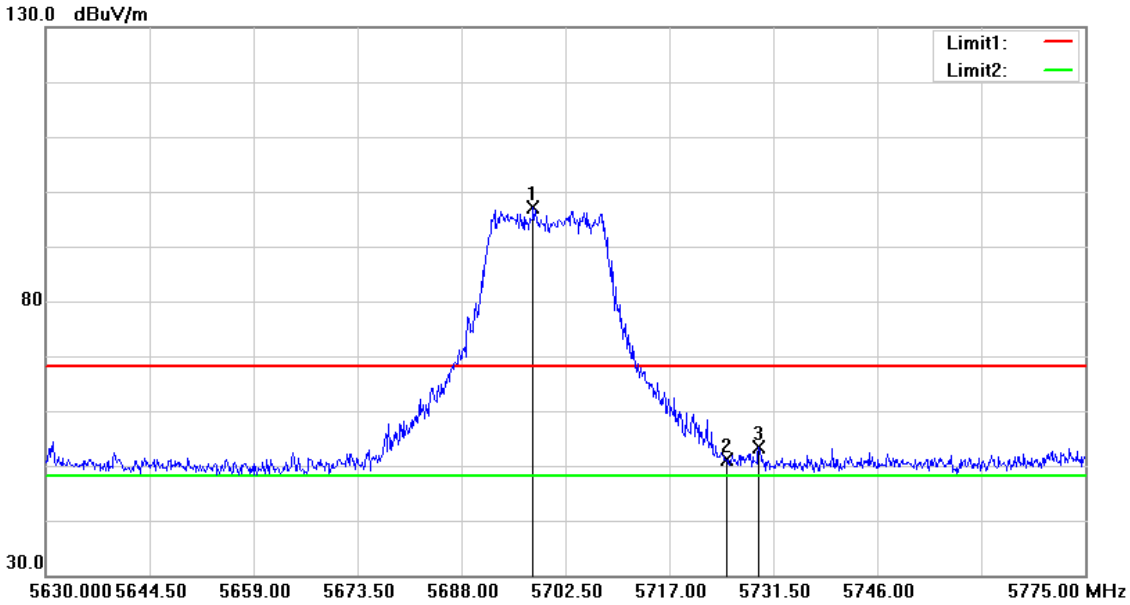
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5413.750	46.46	7.34	53.80	74.00	-20.20	peak
2	5460.000	44.64	7.74	52.38	74.00	-21.62	peak
3	5466.450	45.66	7.80	53.46	68.20	-14.74	peak
4	5470.000	44.20	7.83	52.03	68.20	-16.17	peak
5	5552.725	93.52	7.88	101.40	68.20	33.20	peak
6	5725.000	45.24	8.10	53.34	68.20	-14.86	peak
7	5759.275	45.37	8.37	53.74	68.20	-14.46	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5700 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



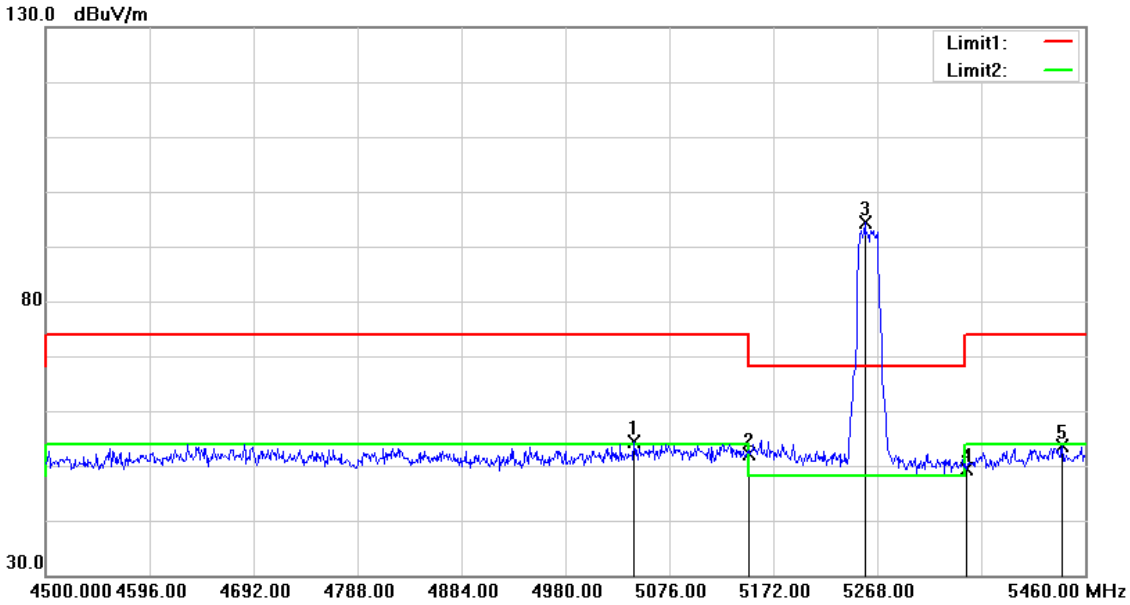
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5695.105	84.56	7.97	92.53	68.20	24.33	peak
2	5725.000	41.87	8.10	49.97	68.20	-18.23	peak
3	5746.580	45.06	8.23	53.29	68.20	-14.91	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5700 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



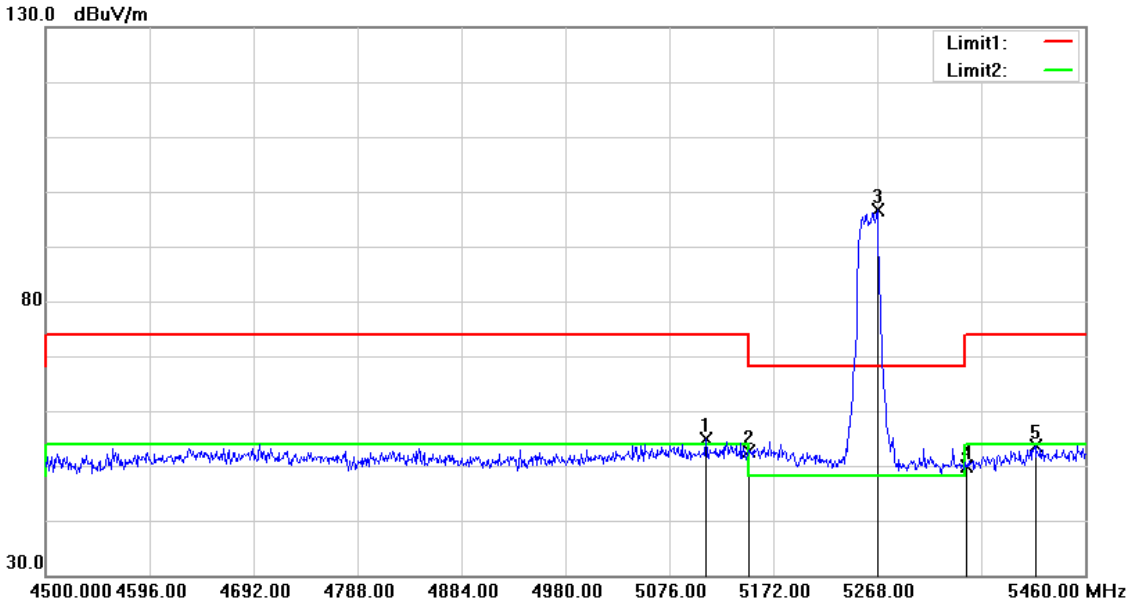
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5698.005	89.15	7.96	97.11	68.20	28.91	peak
2	5725.000	43.05	8.10	51.15	68.20	-17.05	peak
3	5729.470	45.27	8.13	53.40	68.20	-14.80	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



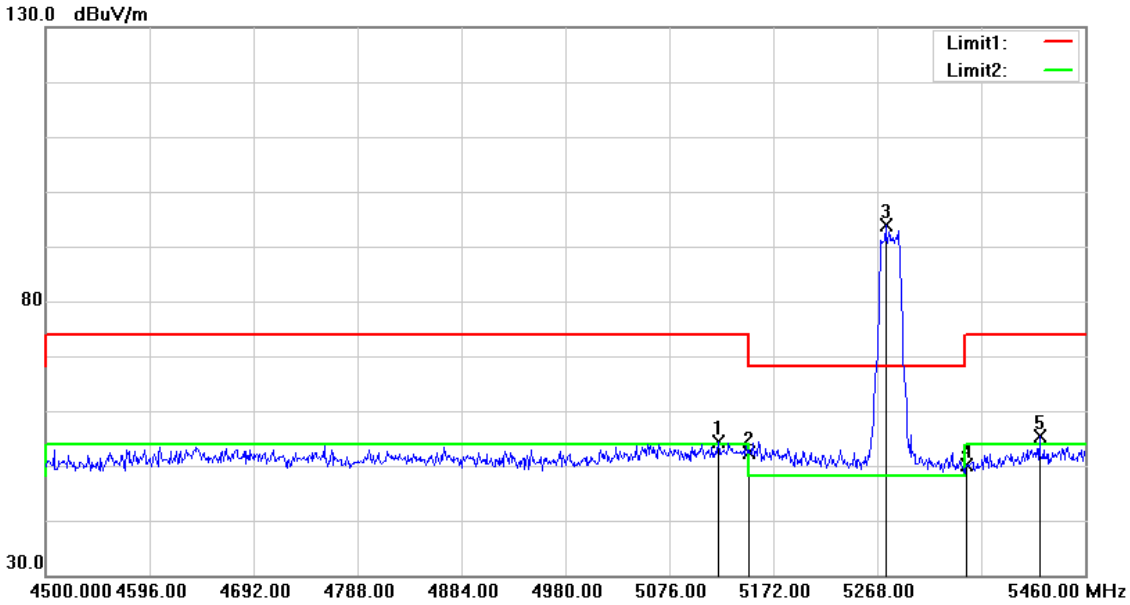
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5043.360	47.08	7.34	54.42	74.00	-19.58	peak
2	5150.000	44.41	7.66	52.07	74.00	-21.93	peak
3	5256.480	87.08	7.33	94.41	68.20	26.21	peak
4	5350.000	42.17	7.30	49.47	74.00	-24.53	peak
5	5438.880	46.03	7.56	53.59	74.00	-20.41	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



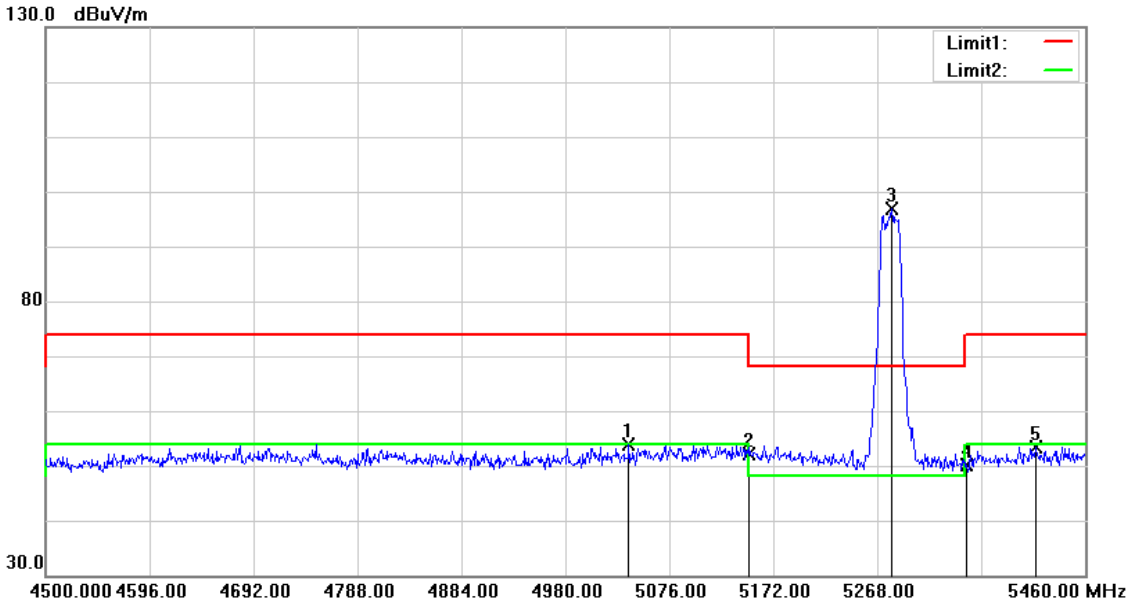
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5109.600	47.24	7.72	54.96	74.00	-19.04	peak
2	5150.000	44.87	7.66	52.53	74.00	-21.47	peak
3	5268.000	89.41	7.34	96.75	68.20	28.55	peak
4	5350.000	42.61	7.30	49.91	74.00	-24.09	peak
5	5413.920	46.36	7.34	53.70	74.00	-20.30	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



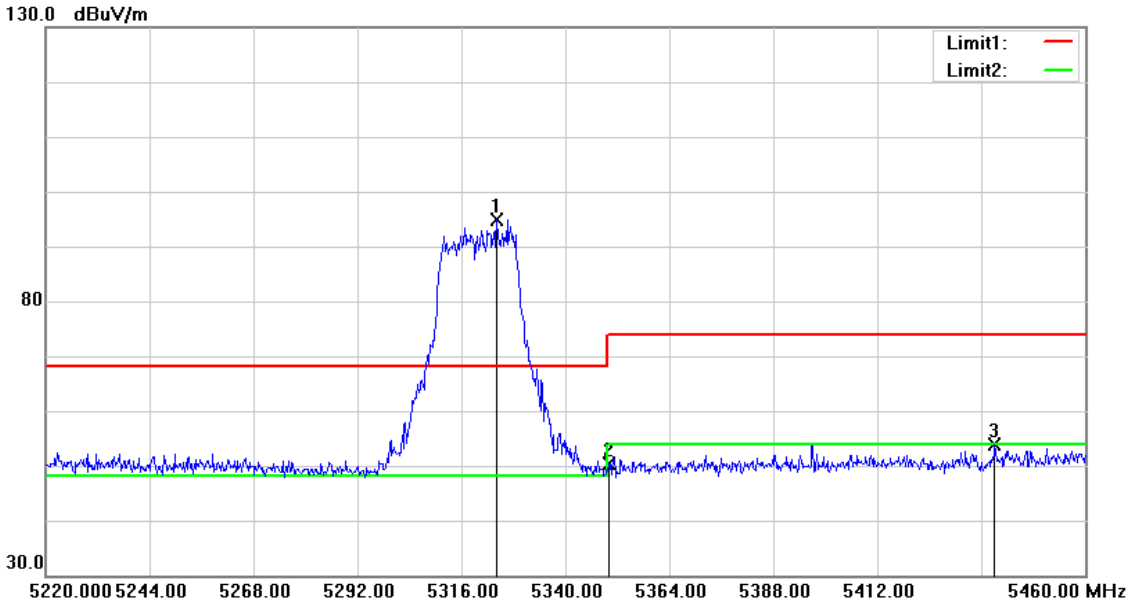
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5121.120	46.70	7.70	54.40	74.00	-19.60	peak
2	5150.000	44.67	7.66	52.33	74.00	-21.67	peak
3	5275.680	86.61	7.34	93.95	68.20	25.75	peak
4	5350.000	42.92	7.30	50.22	74.00	-23.78	peak
5	5417.760	47.91	7.37	55.28	74.00	-18.72	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



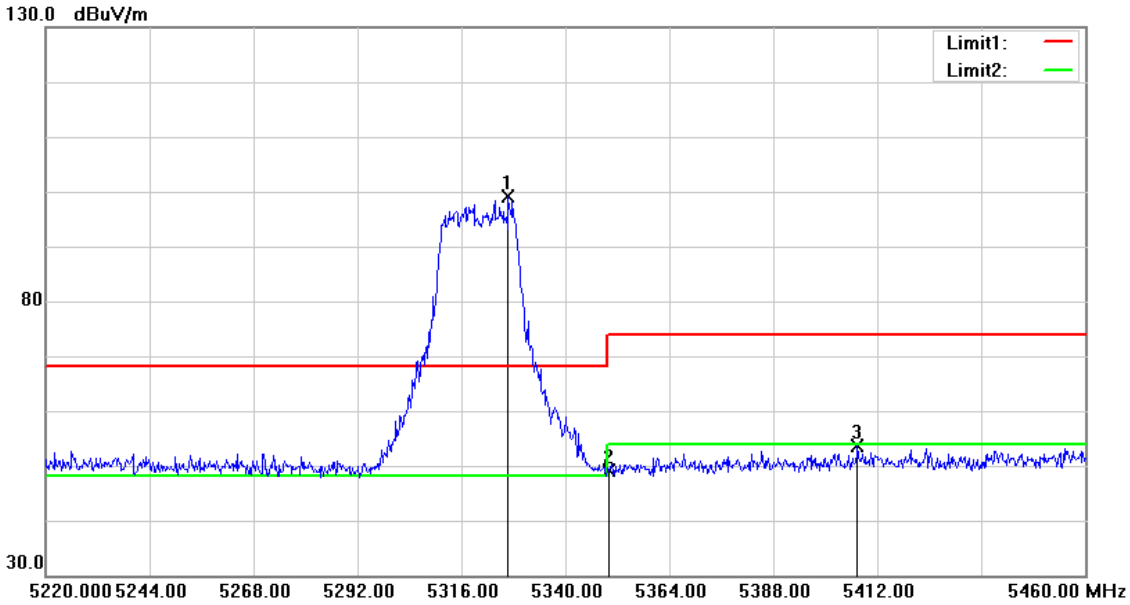
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5038.560	46.54	7.30	53.84	74.00	-20.16	peak
2	5150.000	44.59	7.66	52.25	74.00	-21.75	peak
3	5281.440	89.46	7.35	96.81	68.20	28.61	peak
4	5350.000	42.89	7.30	50.19	74.00	-23.81	peak
5	5413.920	46.09	7.34	53.43	74.00	-20.57	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



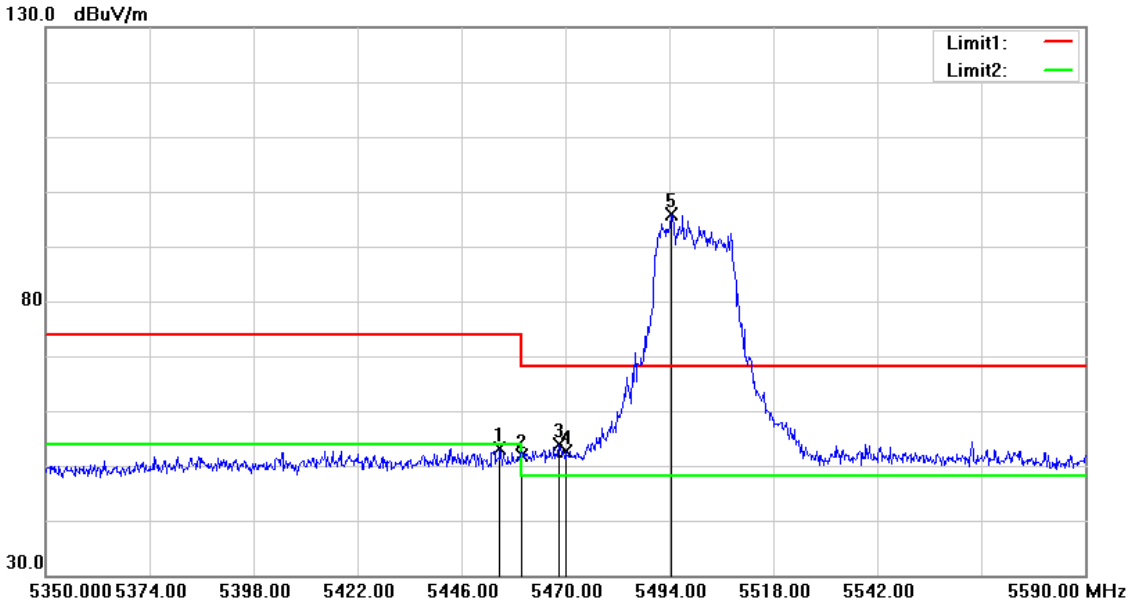
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5324.160	87.59	7.33	94.92	68.20	26.72	peak
2	5350.000	43.00	7.30	50.30	74.00	-23.70	peak
3	5439.120	46.32	7.56	53.88	74.00	-20.12	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



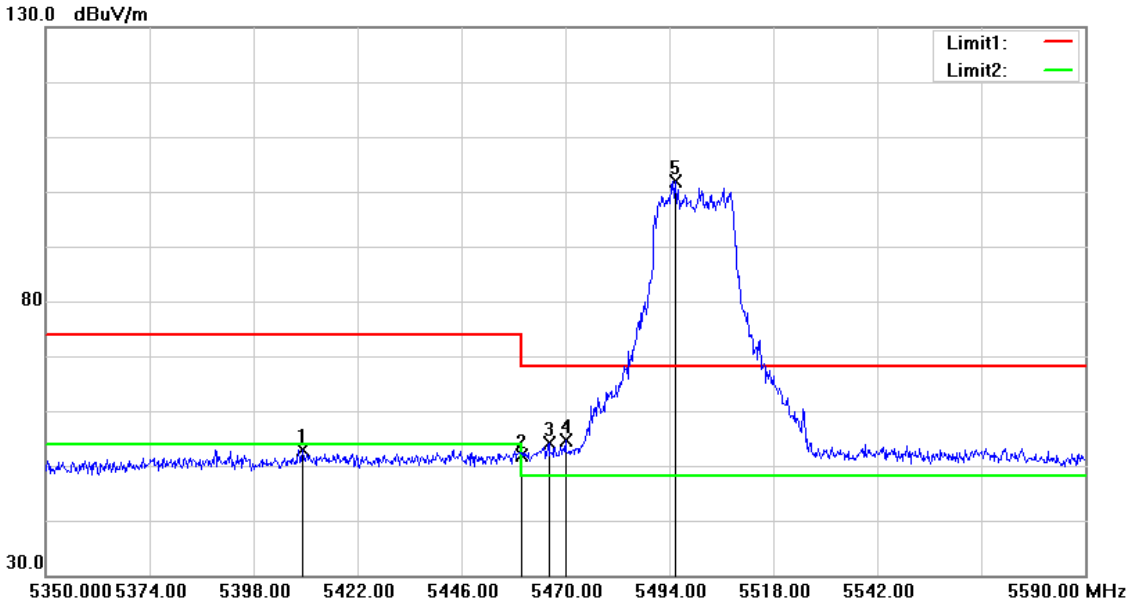
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5326.800	91.84	7.33	99.17	68.20	30.97	peak
2	5350.000	41.79	7.30	49.09	74.00	-24.91	peak
3	5407.440	46.29	7.29	53.58	74.00	-20.42	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



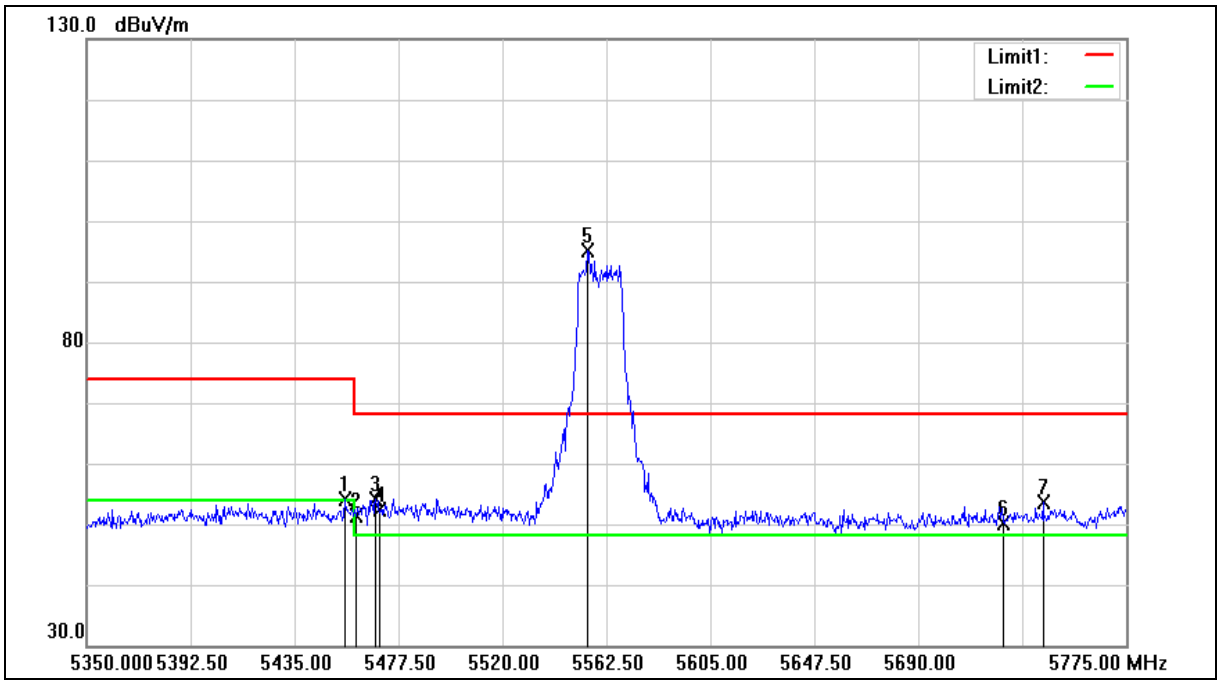
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5454.880	45.45	7.70	53.15	74.00	-20.85	peak
2	5460.000	44.20	7.74	51.94	74.00	-22.06	peak
3	5468.560	46.14	7.82	53.96	68.20	-14.24	peak
4	5470.000	44.88	7.83	52.71	68.20	-15.49	peak
5	5494.480	87.77	8.05	95.82	68.20	27.62	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5409.280	45.70	7.30	53.00	74.00	-21.00	peak
2	5460.000	44.14	7.74	51.88	74.00	-22.12	peak
3	5466.160	46.37	7.80	54.17	68.20	-14.03	peak
4	5470.000	46.70	7.83	54.53	68.20	-13.67	peak
5	5495.440	93.75	8.05	101.80	68.20	33.60	peak

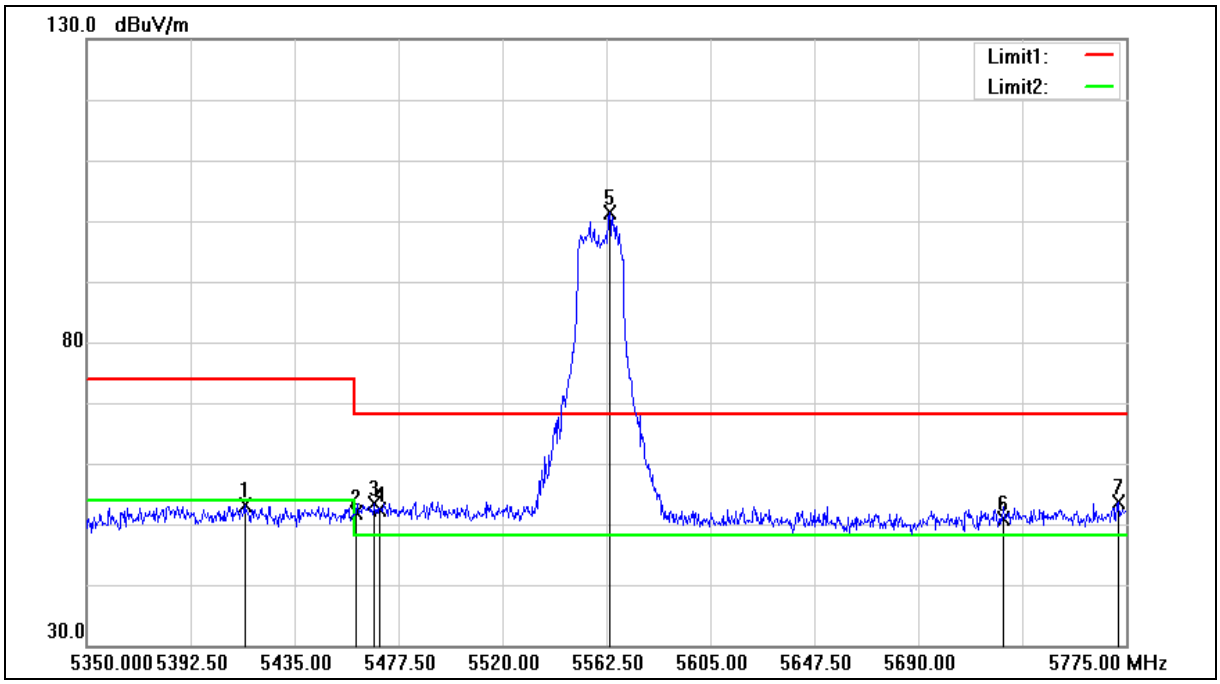
Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.400	46.34	7.70	54.04	74.00	-19.96	peak
2	5460.000	43.65	7.74	51.39	74.00	-22.61	peak
3	5468.150	46.36	7.82	54.18	68.20	-14.02	peak
4	5470.000	44.53	7.83	52.36	68.20	-15.84	peak
5	5554.850	87.29	7.88	95.17	68.20	26.97	peak
6	5725.000	42.01	8.10	50.11	68.20	-18.09	peak
7	5741.000	45.39	8.19	53.58	68.20	-14.62	peak

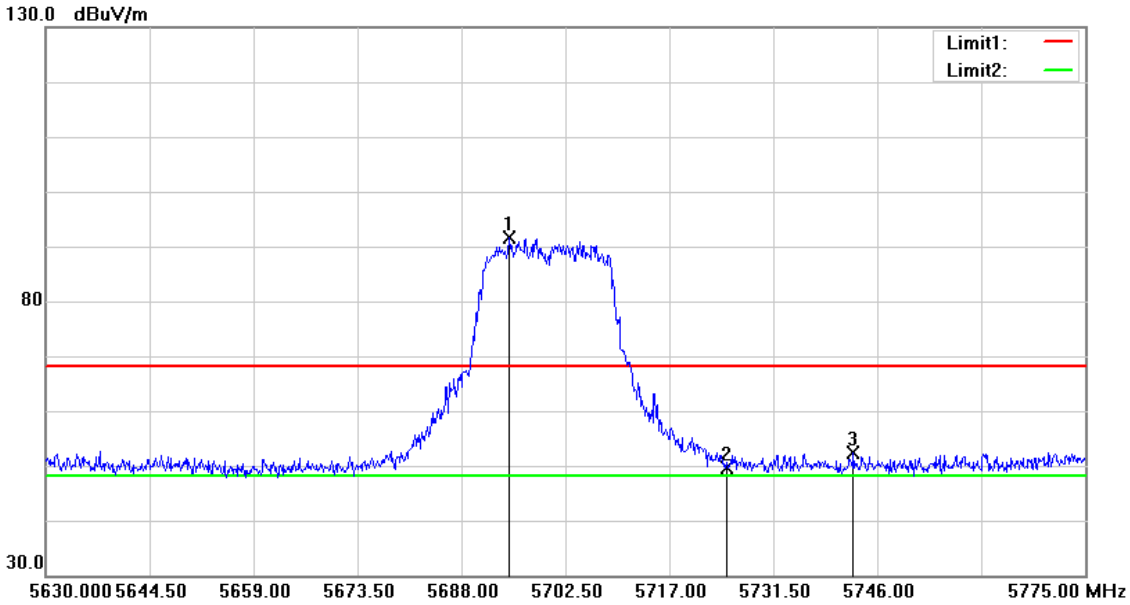
Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		

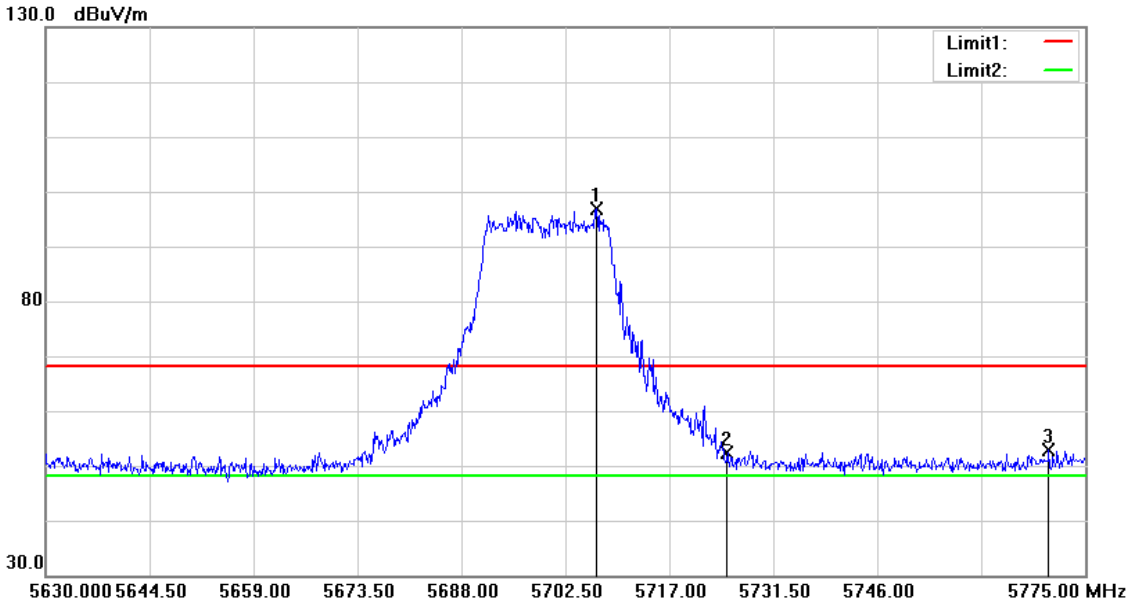
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5414.600	45.84	7.35	53.19	74.00	-20.81	peak
2	5460.000	44.06	7.74	51.80	74.00	-22.20	peak
3	5467.725	45.46	7.81	53.27	68.20	-14.93	peak
4	5470.000	44.60	7.83	52.43	68.20	-15.77	peak
5	5563.775	93.41	7.88	101.29	68.20	33.09	peak
6	5725.000	42.67	8.10	50.77	68.20	-17.43	peak
7	5771.600	44.98	8.55	53.53	68.20	-14.67	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5700 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



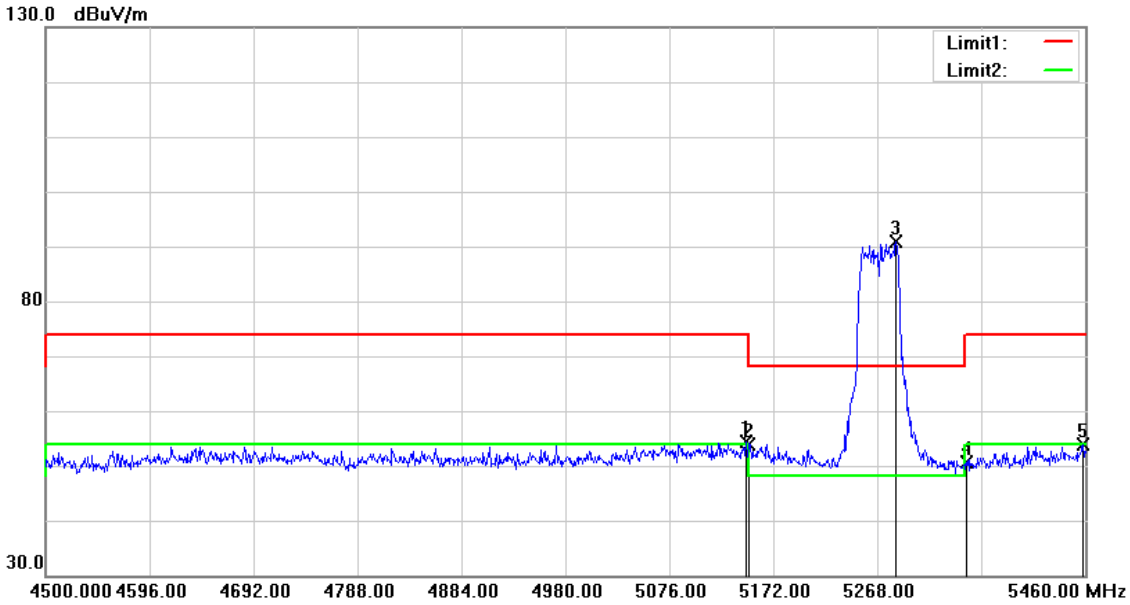
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5694.670	83.65	7.97	91.62	68.20	23.42	peak
2	5725.000	41.46	8.10	49.56	68.20	-18.64	peak
3	5742.665	44.08	8.20	52.28	68.20	-15.92	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5700 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



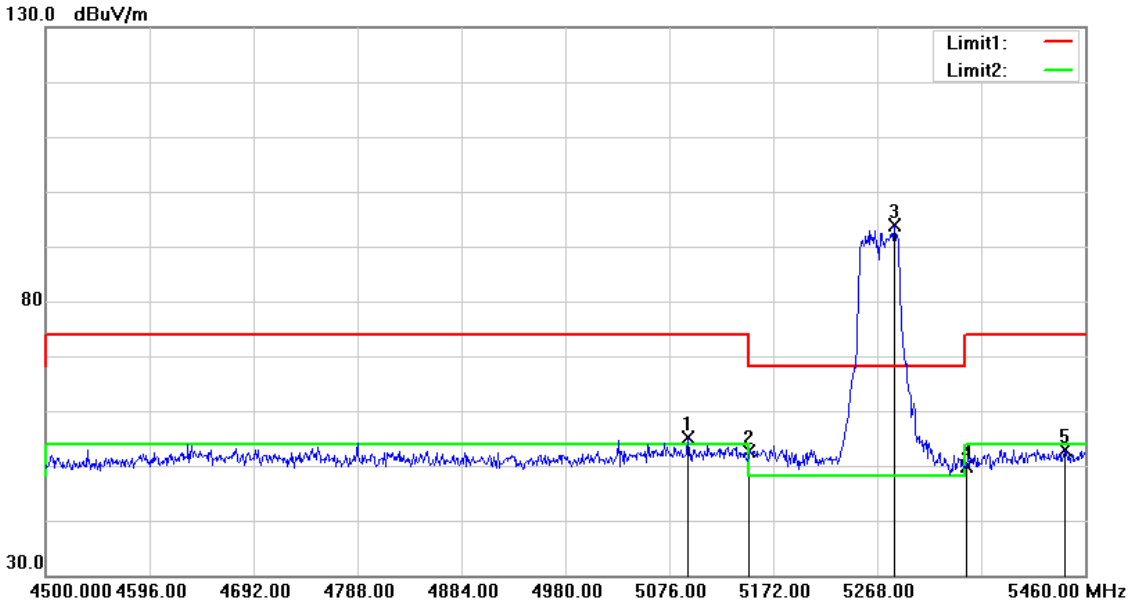
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5706.850	88.81	7.99	96.80	68.20	28.60	peak
2	5725.000	44.28	8.10	52.38	68.20	-15.82	peak
3	5769.925	44.44	8.52	52.96	68.20	-15.24	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



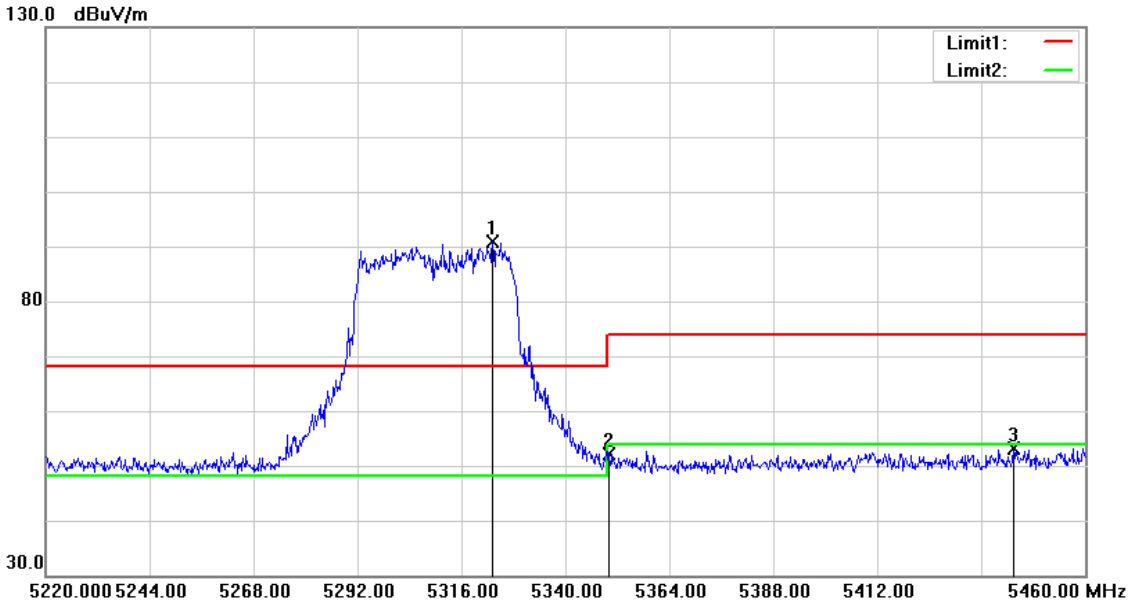
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.040	46.71	7.66	54.37	74.00	-19.63	peak
2	5150.000	46.19	7.66	53.85	74.00	-20.15	peak
3	5285.280	83.59	7.35	90.94	68.20	22.74	peak
4	5350.000	43.30	7.30	50.60	74.00	-23.40	peak
5	5458.080	46.11	7.72	53.83	74.00	-20.17	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



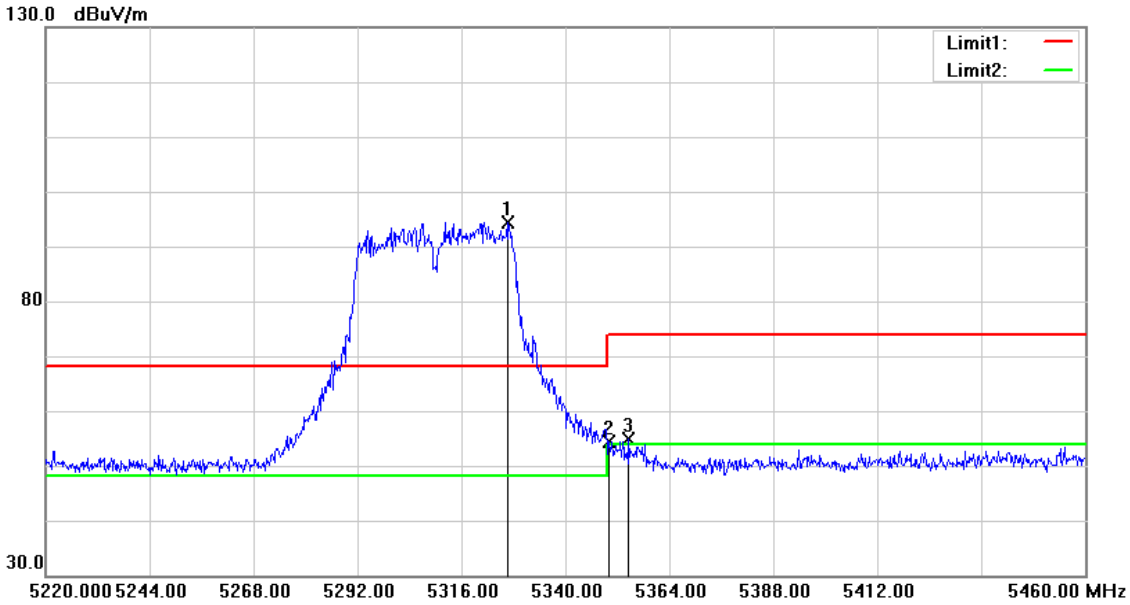
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5093.280	47.41	7.69	55.10	74.00	-18.90	peak
2	5150.000	44.87	7.66	52.53	74.00	-21.47	peak
3	5283.360	86.57	7.35	93.92	68.20	25.72	peak
4	5350.000	42.68	7.30	49.98	74.00	-24.02	peak
5	5441.760	45.39	7.58	52.97	74.00	-21.03	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5310 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



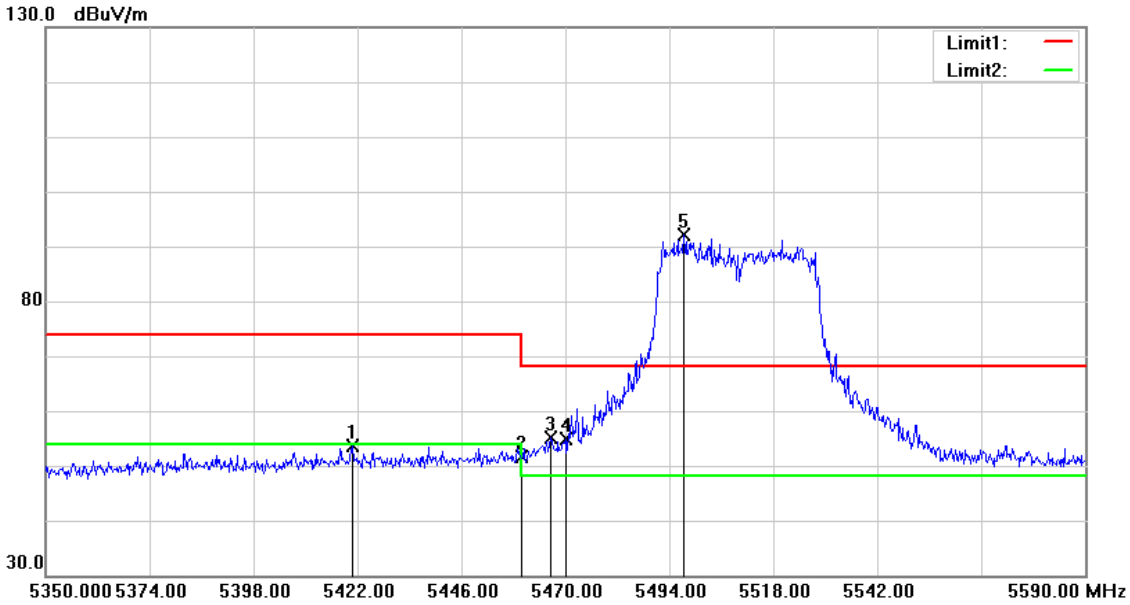
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5323.200	83.61	7.33	90.94	68.20	22.74	peak
2	5350.000	44.90	7.30	52.20	74.00	-21.80	peak
3	5443.440	45.62	7.60	53.22	74.00	-20.78	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5310 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



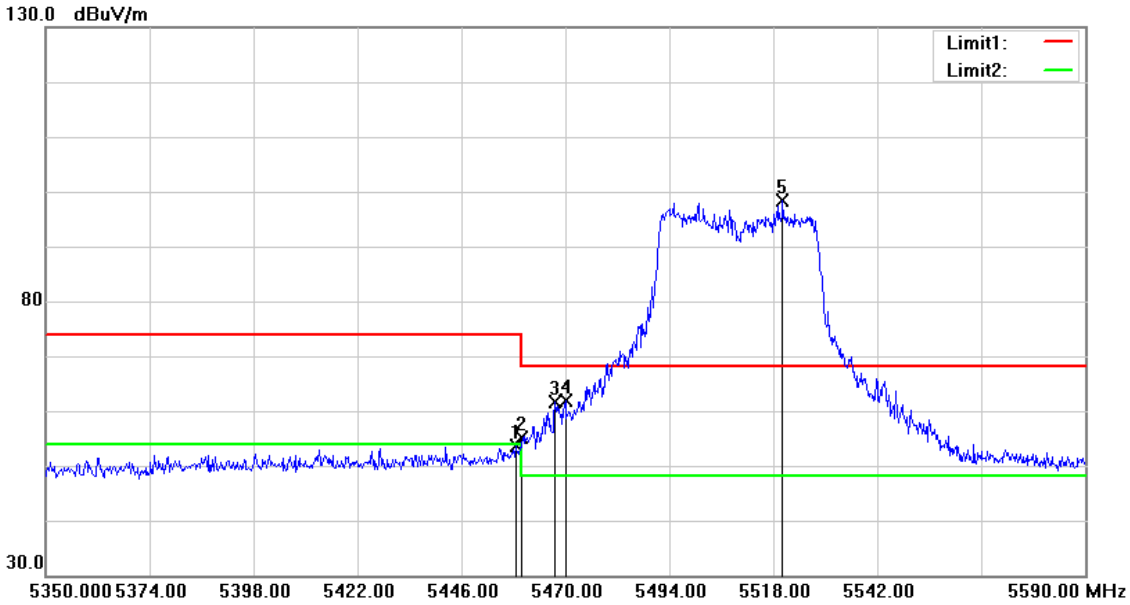
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5326.560	87.14	7.33	94.47	68.20	26.27	peak
2	5350.000	47.08	7.30	54.38	74.00	-19.62	peak
3	5354.640	47.68	7.29	54.97	74.00	-19.03	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5510 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



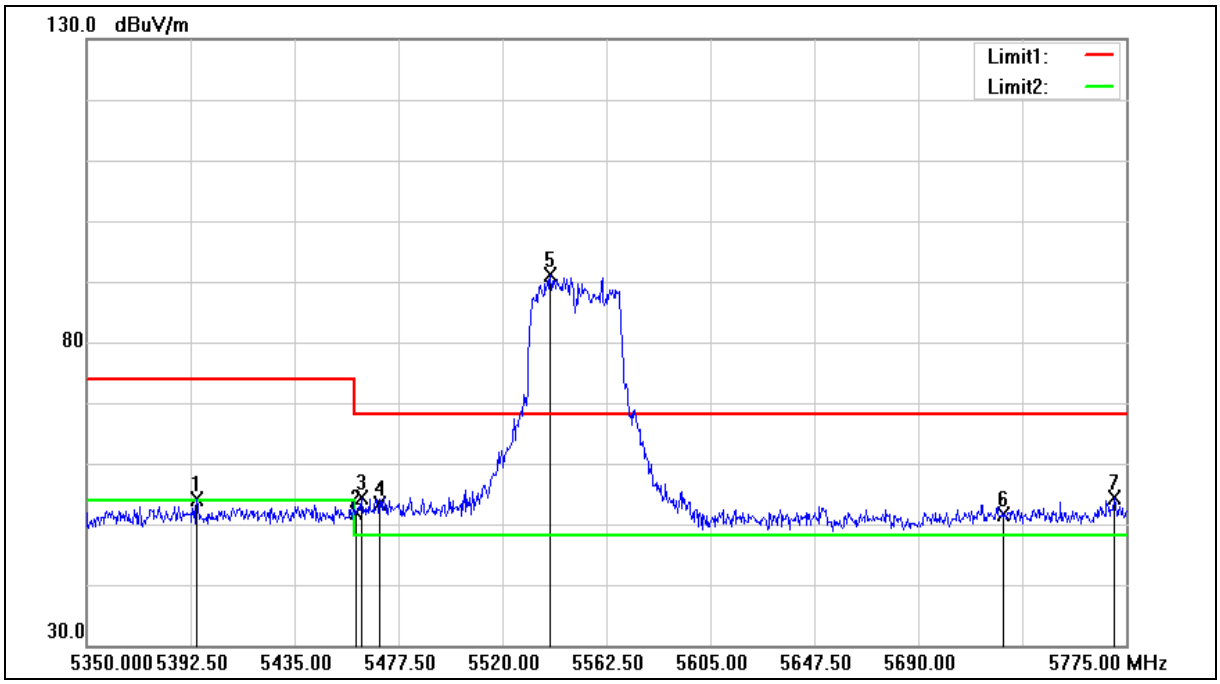
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5420.800	46.16	7.40	53.56	74.00	-20.44	peak
2	5460.000	43.81	7.74	51.55	74.00	-22.45	peak
3	5466.640	47.28	7.80	55.08	68.20	-13.12	peak
4	5470.000	47.13	7.83	54.96	68.20	-13.24	peak
5	5497.360	83.99	8.07	92.06	68.20	23.86	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5510 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5458.480	45.93	7.73	53.66	74.00	-20.34	peak
2	5460.000	47.32	7.74	55.06	74.00	-18.94	peak
3	5467.600	53.81	7.81	61.62	68.20	-6.58	peak
4	5470.000	54.15	7.83	61.98	68.20	-6.22	peak
5	5520.160	90.27	8.01	98.28	68.20	30.08	peak

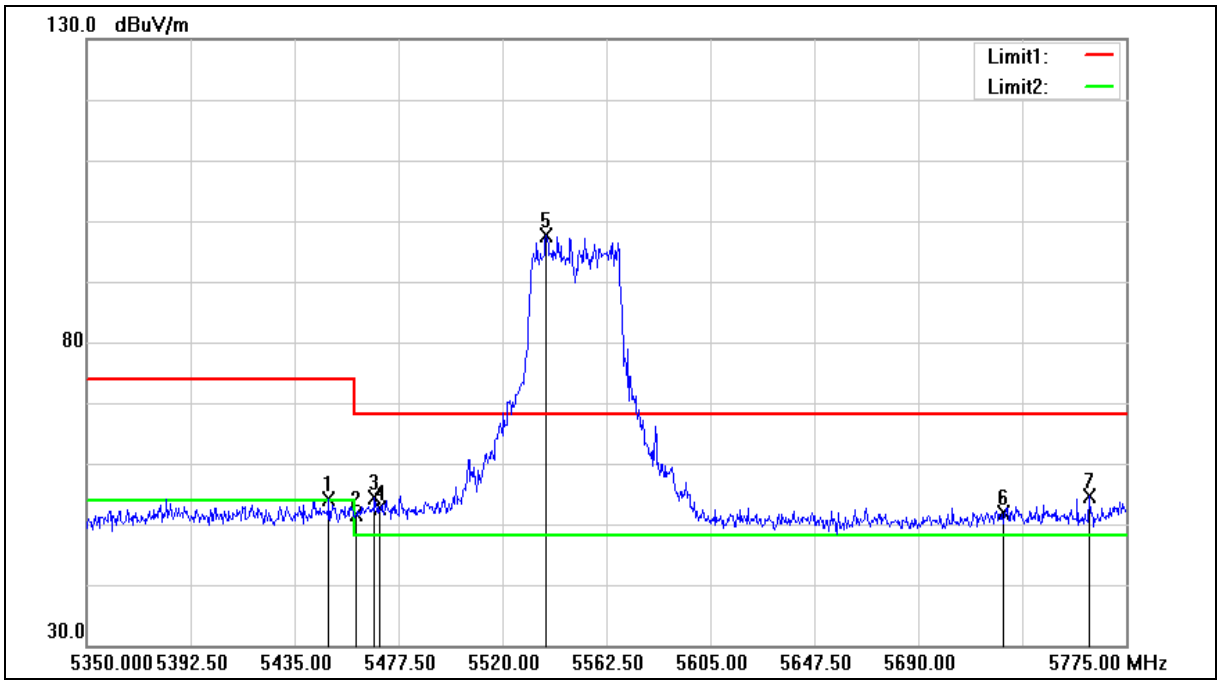
Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5550 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5550 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5395.050	46.81	7.23	54.04	74.00	-19.96	peak
2	5460.000	44.24	7.74	51.98	74.00	-22.02	peak
3	5462.200	46.66	7.76	54.42	68.20	-13.78	peak
4	5470.000	45.67	7.83	53.50	68.20	-14.70	peak
5	5539.550	83.14	7.92	91.06	68.20	22.86	peak
6	5725.000	43.50	8.10	51.60	68.20	-16.60	peak
7	5770.325	45.96	8.52	54.48	68.20	-13.72	peak

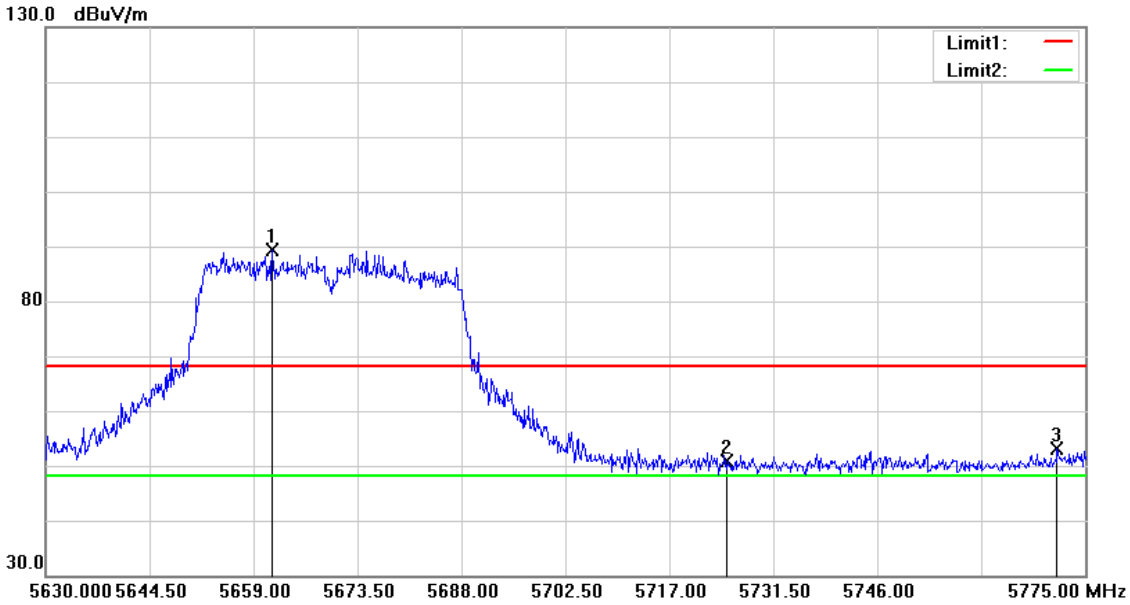
Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5550 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5550 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		

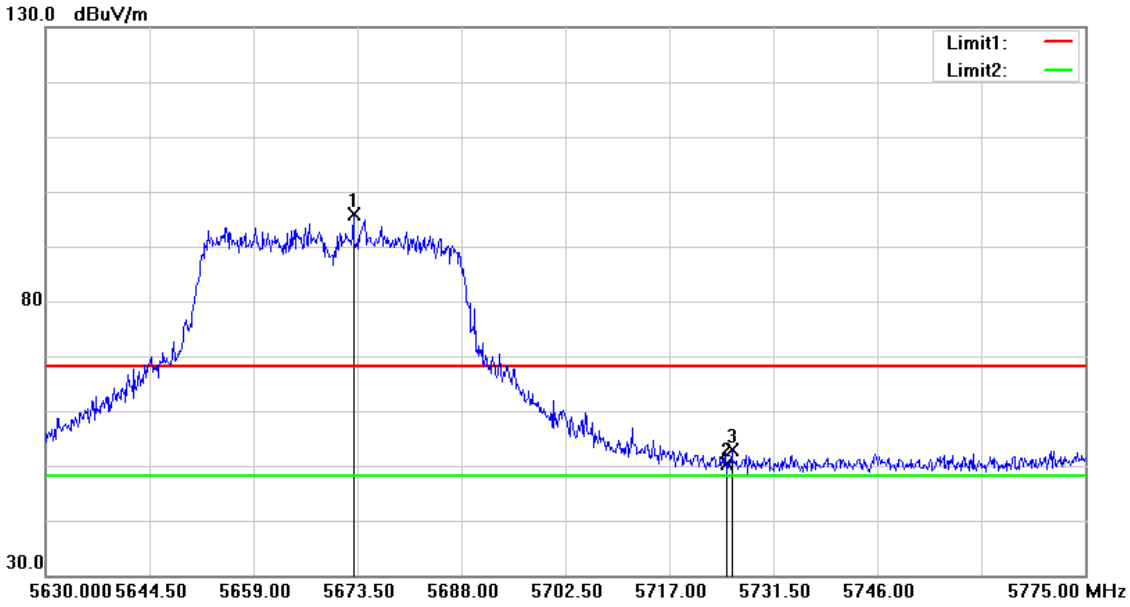
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5449.025	46.58	7.64	54.22	74.00	-19.78	peak
2	5460.000	43.87	7.74	51.61	74.00	-22.39	peak
3	5467.725	46.48	7.81	54.29	68.20	-13.91	peak
4	5470.000	44.71	7.83	52.54	68.20	-15.66	peak
5	5537.850	89.70	7.93	97.63	68.20	29.43	peak
6	5725.000	43.73	8.10	51.83	68.20	-16.37	peak
7	5759.700	46.15	8.38	54.53	68.20	-13.67	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5670 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



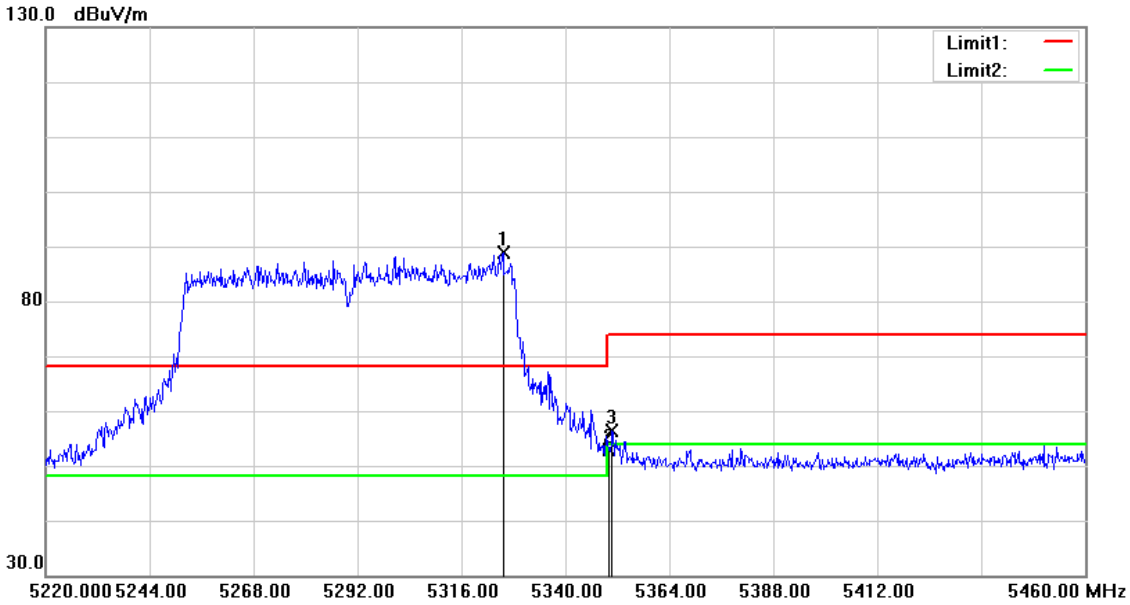
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5661.610	81.21	8.11	89.32	68.20	21.12	peak
2	5725.000	42.66	8.10	50.76	68.20	-17.44	peak
3	5771.085	44.52	8.53	53.05	68.20	-15.15	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5670 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



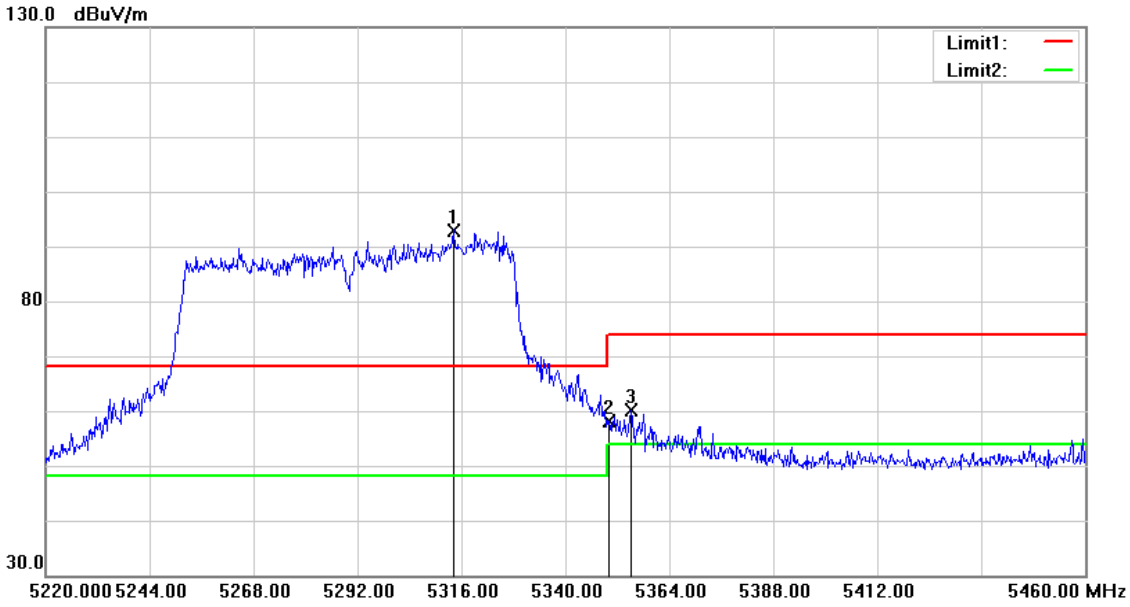
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5672.920	87.90	8.06	95.96	68.20	27.76	peak
2	5725.000	42.29	8.10	50.39	68.20	-17.81	peak
3	5725.700	44.88	8.10	52.98	68.20	-15.22	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Horizontal		



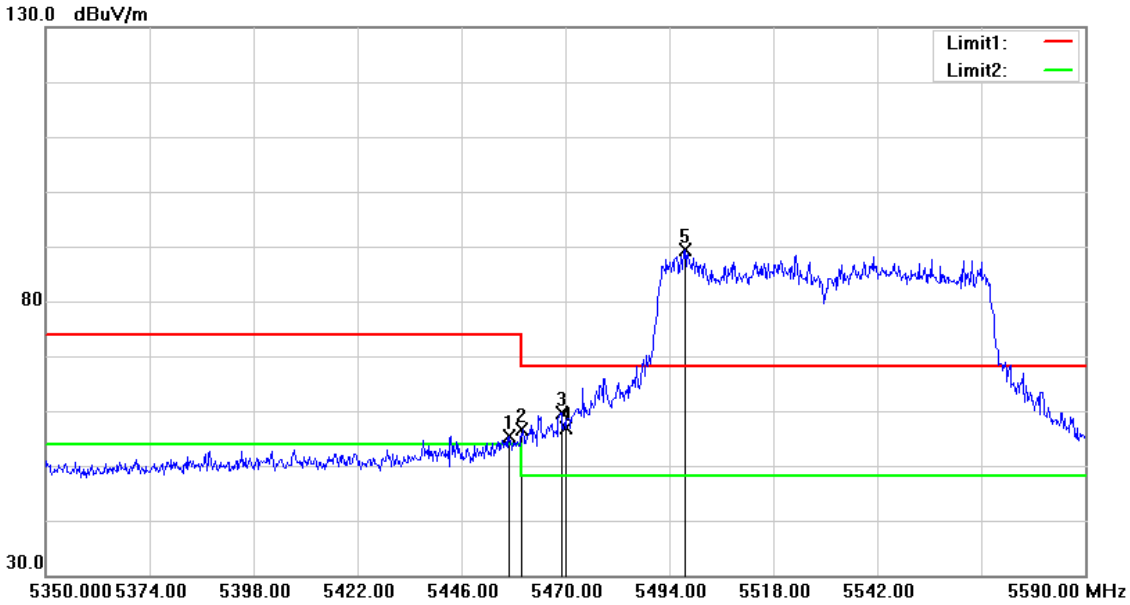
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5325.600	81.43	7.33	88.76	68.20	20.56	peak
2	5350.000	45.50	7.30	52.80	74.00	-21.20	peak
3	5350.800	49.07	7.30	56.37	74.00	-17.63	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Vertical		



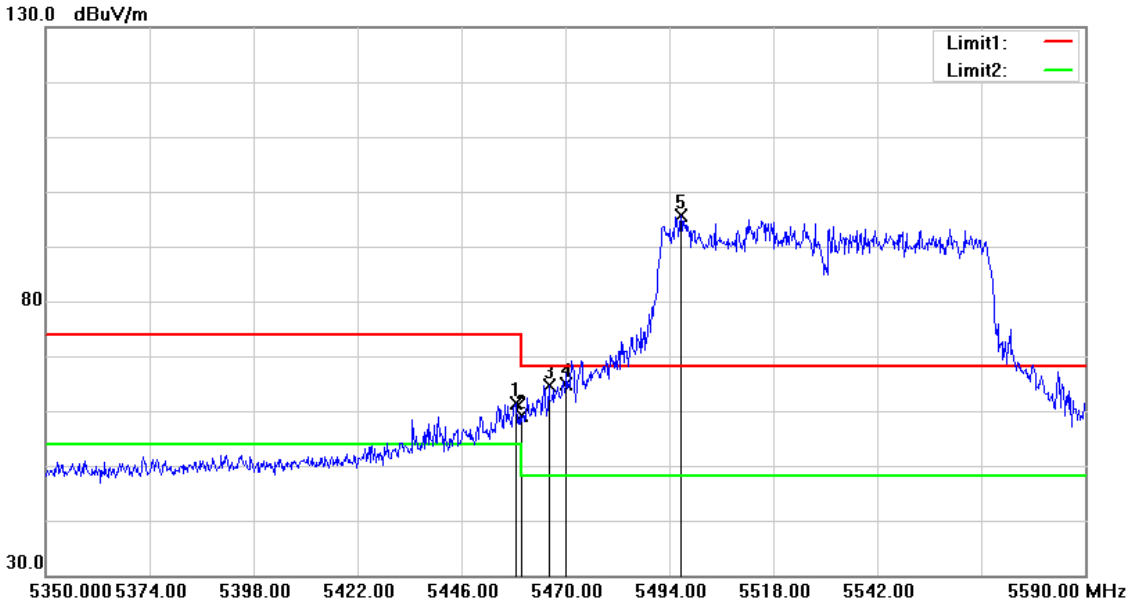
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5314.080	85.66	7.34	93.00	68.20	24.80	peak
2	5350.000	50.93	7.30	58.23	74.00	-15.77	peak
3	5355.120	52.76	7.29	60.05	74.00	-13.95	peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5530 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.040	47.61	7.72	55.33	74.00	-18.67	peak
2	5460.000	48.93	7.74	56.67	74.00	-17.33	peak
3	5469.040	51.76	7.82	59.58	68.20	-8.62	peak
4	5470.000	49.05	7.83	56.88	68.20	-11.32	peak
5	5497.600	81.34	8.07	89.41	68.20	21.21	peak

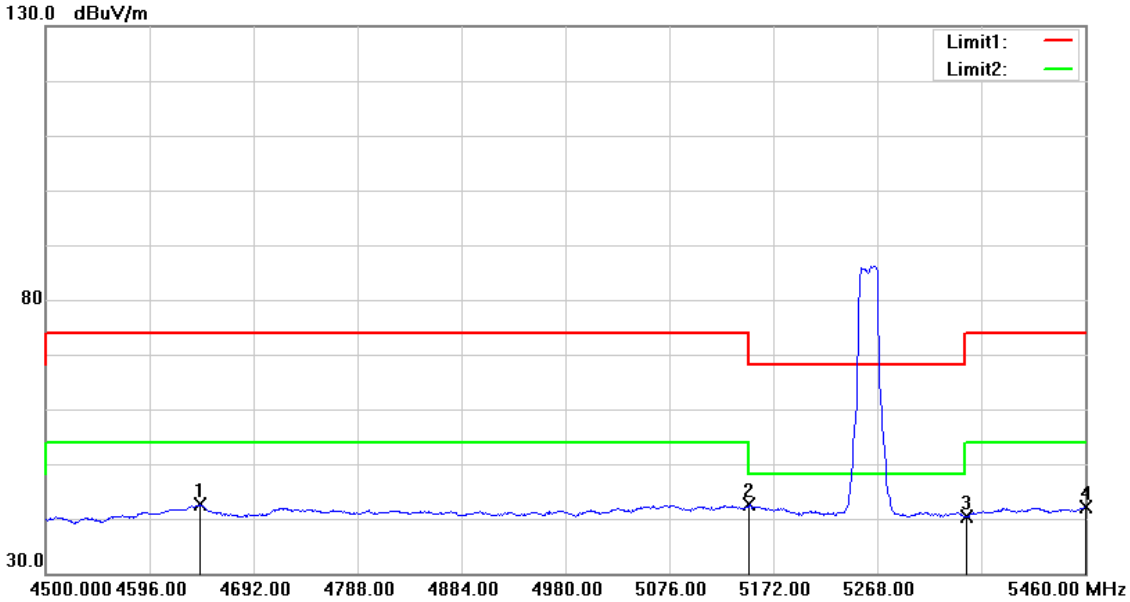
Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5530 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5458.480	53.55	7.73	61.28	74.00	-12.72	peak
2	5460.000	51.46	7.74	59.20	74.00	-14.80	peak
3	5466.160	56.91	7.80	64.71	68.20	-3.49	peak
4	5470.000	57.13	7.83	64.96	68.20	-3.24	peak
5	5496.640	87.61	8.06	95.67	68.20	27.47	peak

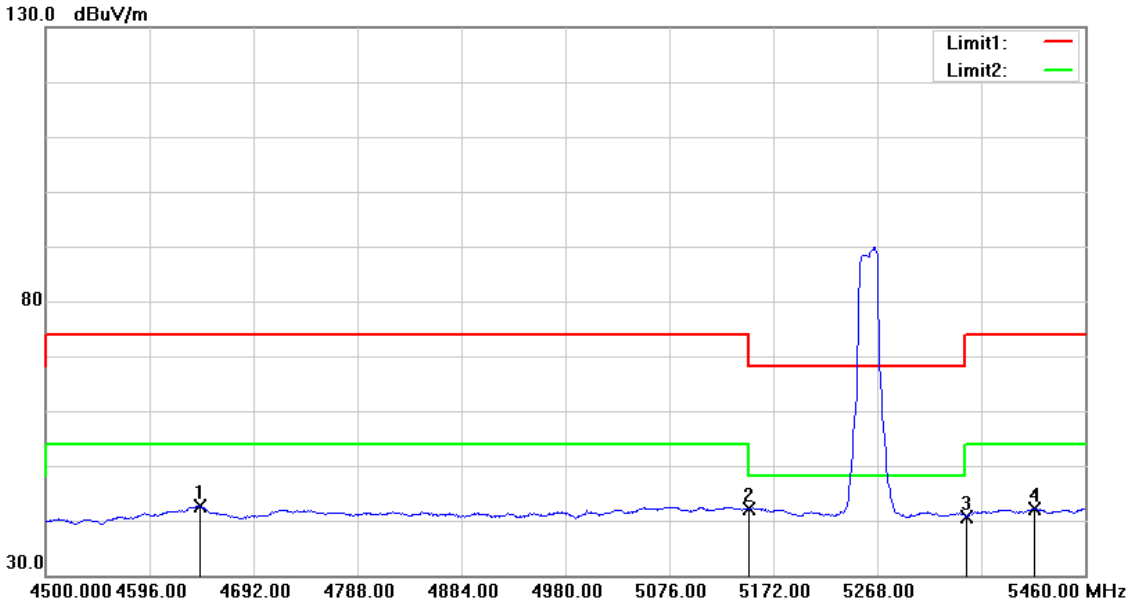
Average

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



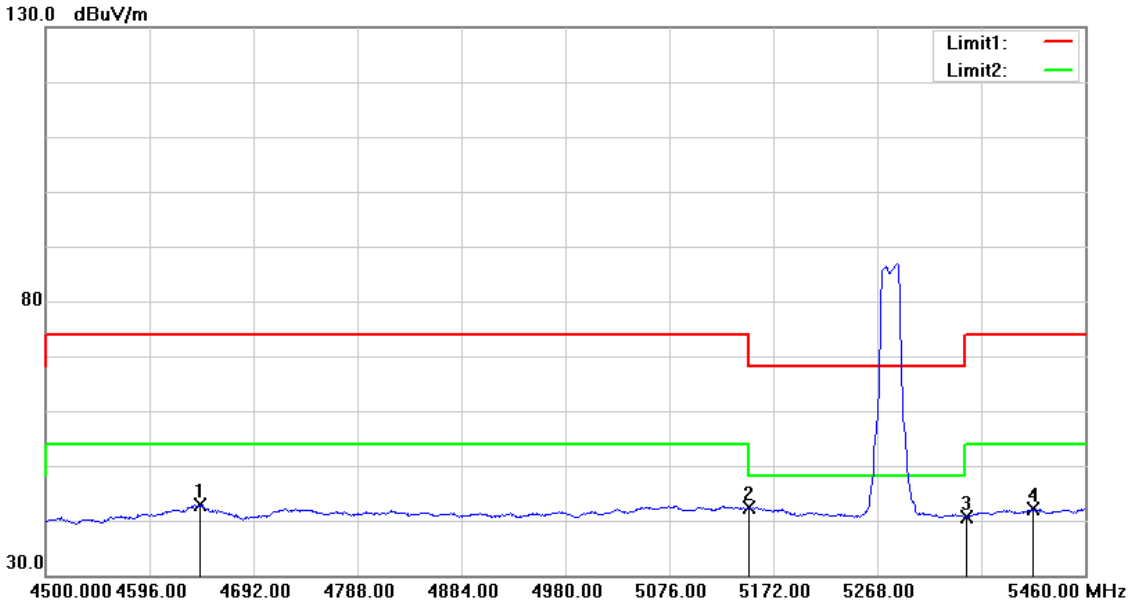
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4642.080	36.39	6.18	42.57	54.00	-11.43	AVG
2	5150.000	34.86	7.66	42.52	54.00	-11.48	AVG
3	5350.000	33.15	7.30	40.45	54.00	-13.55	AVG
4	5460.000	34.33	7.74	42.07	54.00	-11.93	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



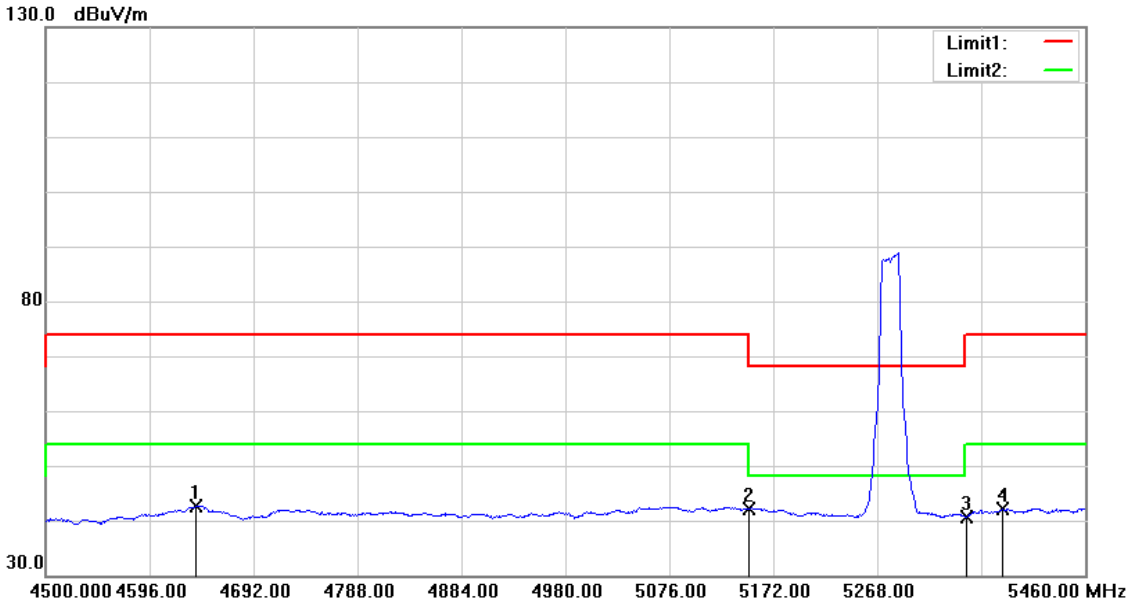
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4642.080	36.48	6.18	42.66	54.00	-11.34	AVG
2	5150.000	34.47	7.66	42.13	54.00	-11.87	AVG
3	5350.000	33.42	7.30	40.72	54.00	-13.28	AVG
4	5412.960	34.92	7.33	42.25	54.00	-11.75	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



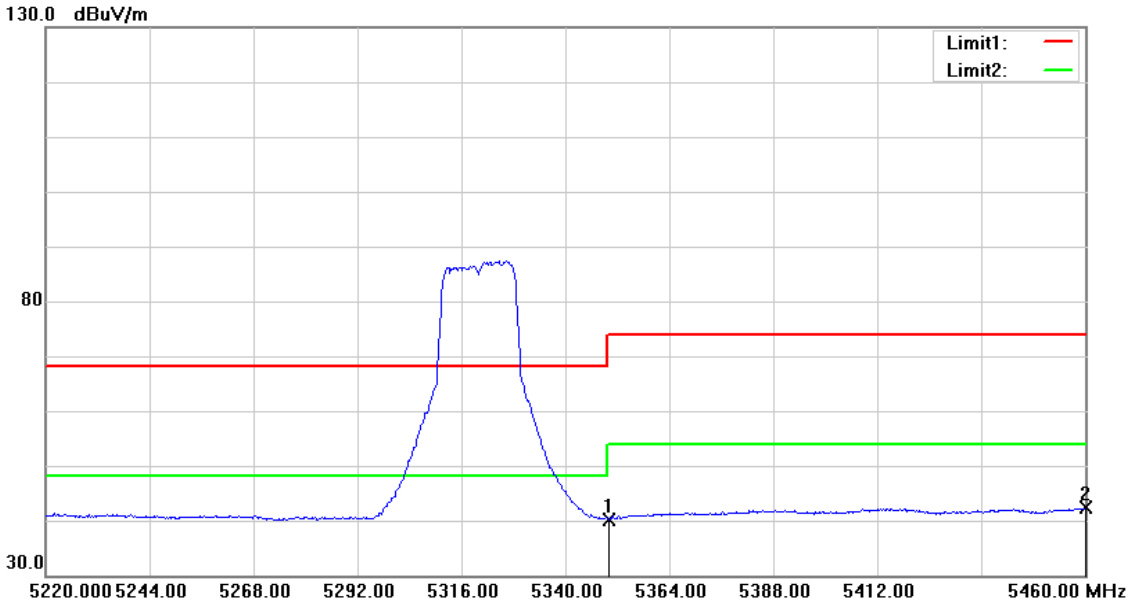
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4642.080	36.76	6.18	42.94	54.00	-11.06	AVG
2	5150.000	34.66	7.66	42.32	54.00	-11.68	AVG
3	5350.000	33.34	7.30	40.64	54.00	-13.36	AVG
4	5412.000	34.80	7.33	42.13	54.00	-11.87	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



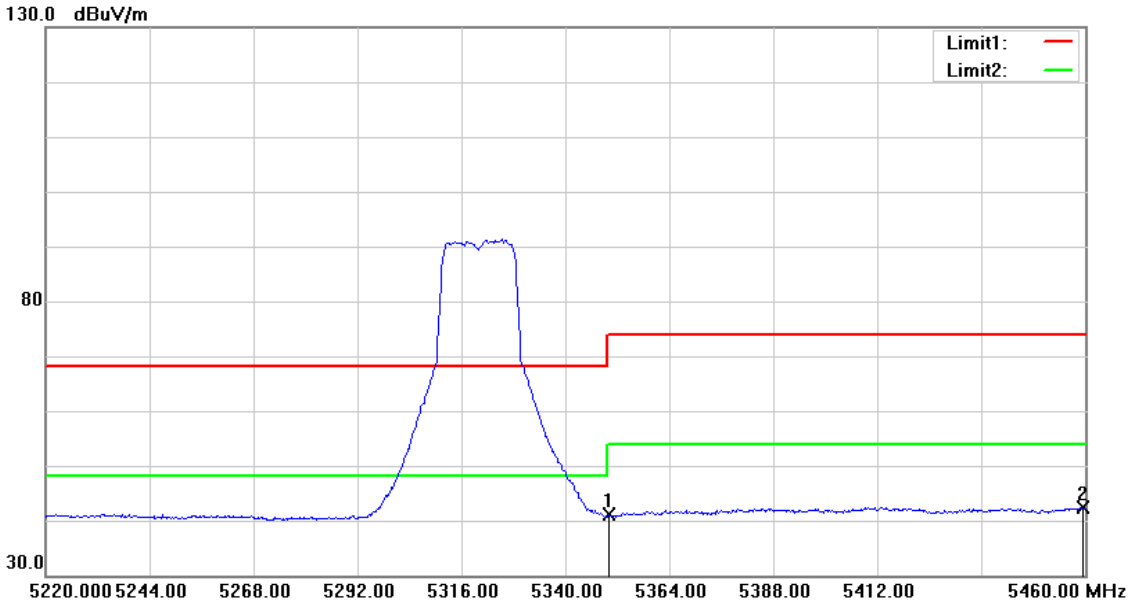
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4639.200	36.52	6.18	42.70	54.00	-11.30	AVG
2	5150.000	34.53	7.66	42.19	54.00	-11.81	AVG
3	5350.000	33.40	7.30	40.70	54.00	-13.30	AVG
4	5383.200	34.95	7.24	42.19	54.00	-11.81	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



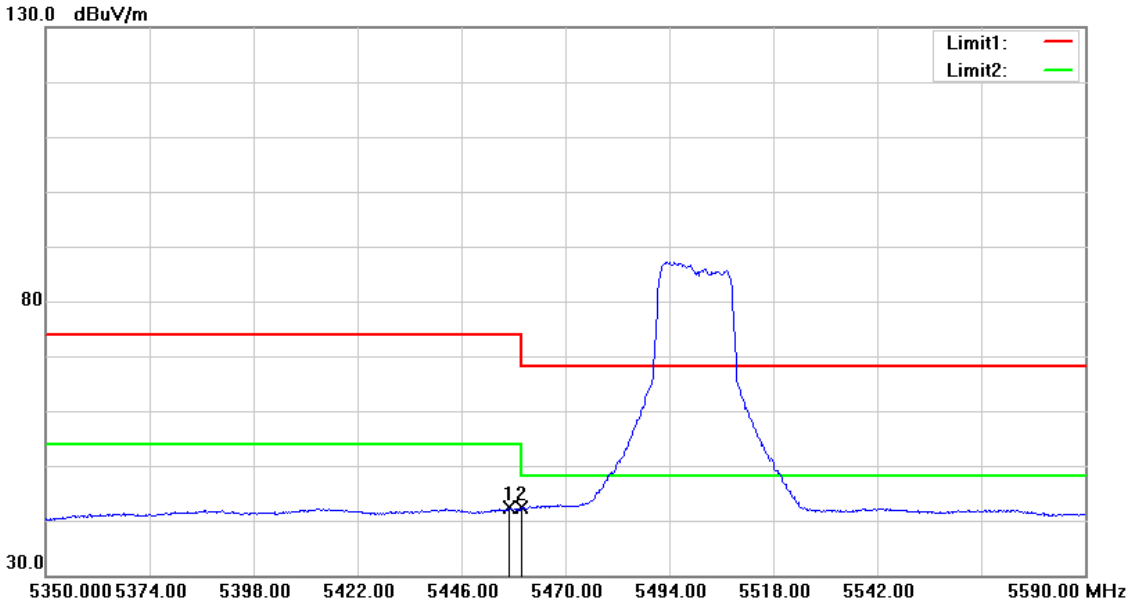
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	32.88	7.30	40.18	54.00	-13.82	AVG
2	5460.000	34.53	7.74	42.27	54.00	-11.73	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



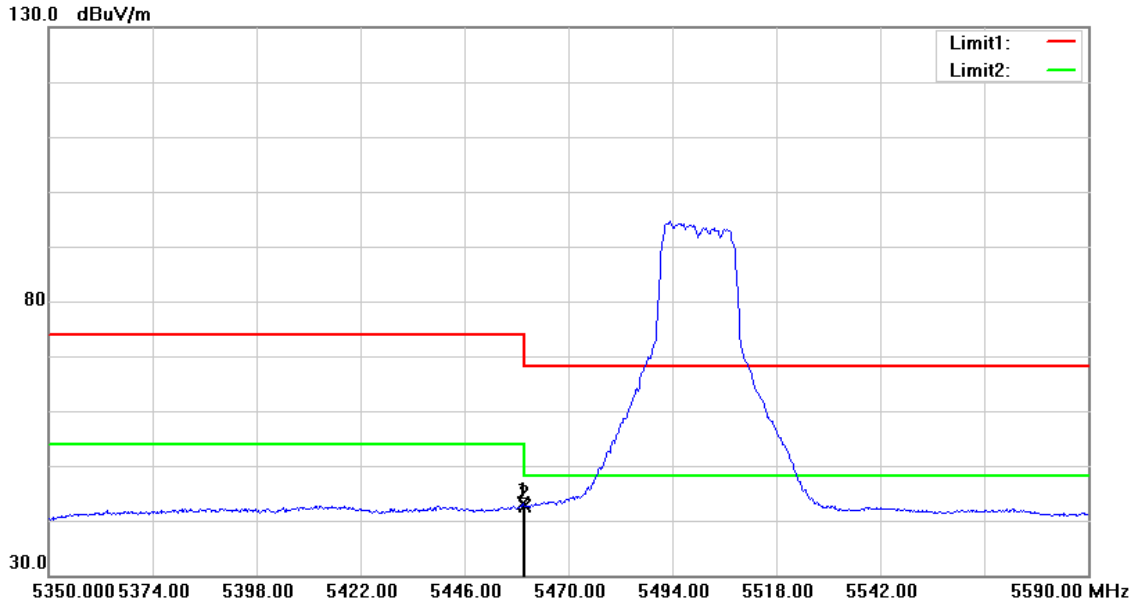
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	33.71	7.30	41.01	54.00	-12.99	AVG
2	5459.520	34.72	7.74	42.46	54.00	-11.54	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



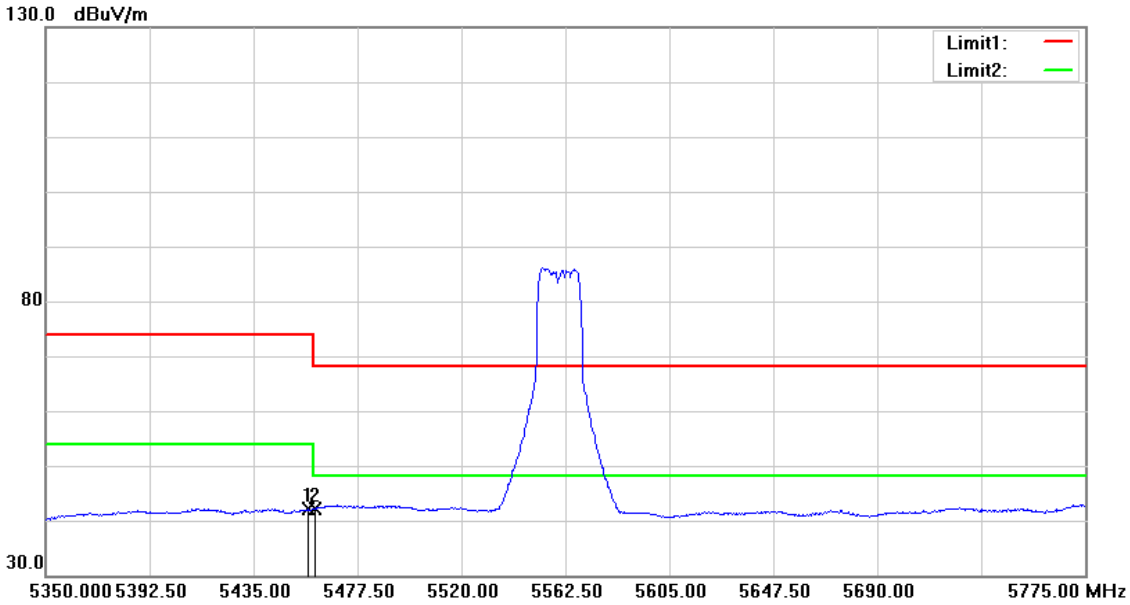
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.040	34.62	7.72	42.34	54.00	-11.66	AVG
2	5460.000	34.54	7.74	42.28	54.00	-11.72	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



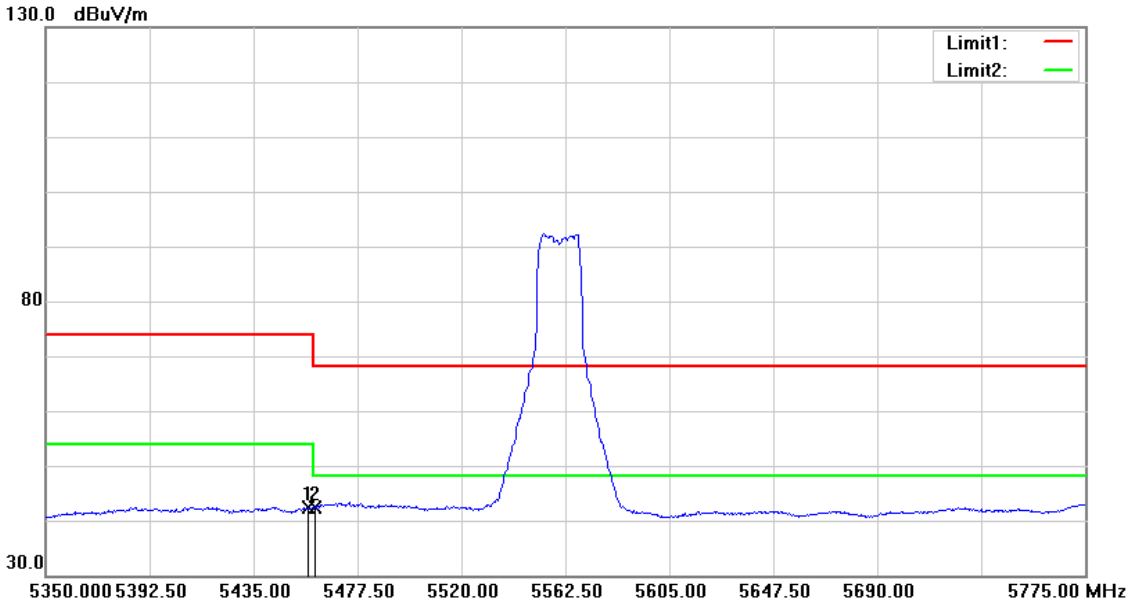
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.440	35.31	7.74	43.05	54.00	-10.95	AVG
2	5460.000	34.92	7.74	42.66	54.00	-11.34	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11a		
Ant.Polar.:	Horizontal		



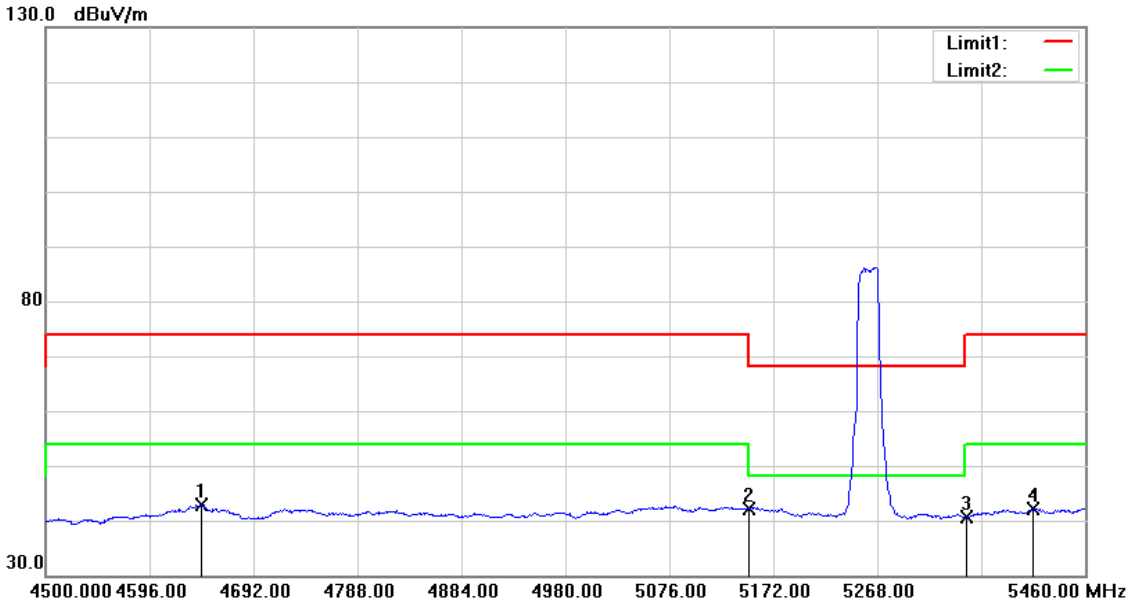
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.525	34.50	7.72	42.22	54.00	-11.78	AVG
2	5460.000	34.50	7.74	42.24	54.00	-11.76	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11a		
Ant.Polar.:	Vertical		



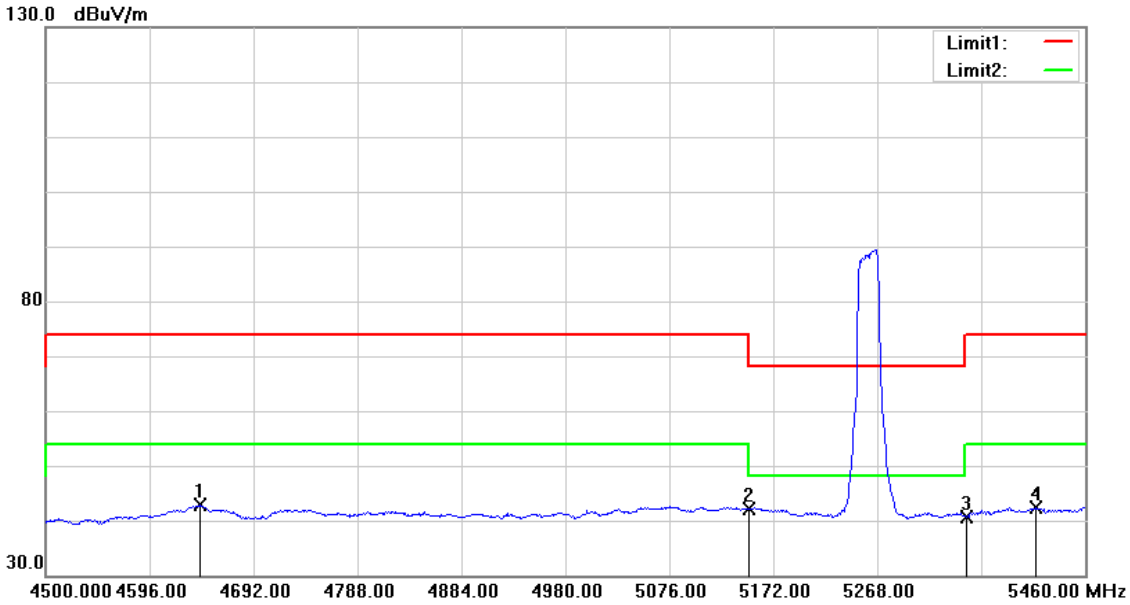
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.525	34.76	7.72	42.48	54.00	-11.52	AVG
2	5460.000	34.53	7.74	42.27	54.00	-11.73	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



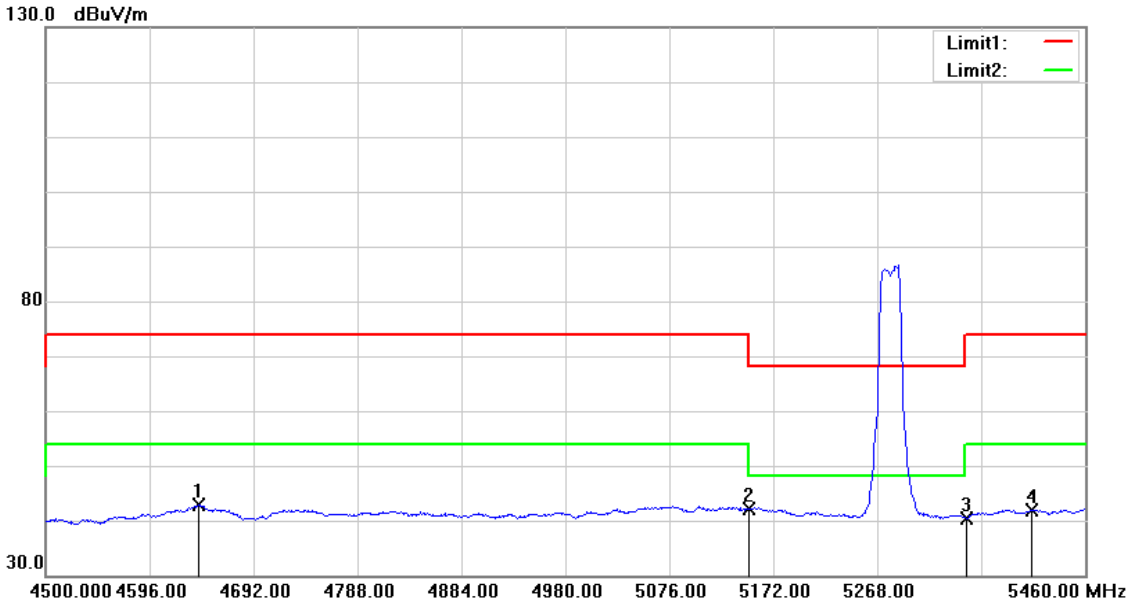
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4644.000	36.77	6.18	42.95	54.00	-11.05	AVG
2	5150.000	34.51	7.66	42.17	54.00	-11.83	AVG
3	5350.000	33.25	7.30	40.55	54.00	-13.45	AVG
4	5412.000	34.90	7.33	42.23	54.00	-11.77	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



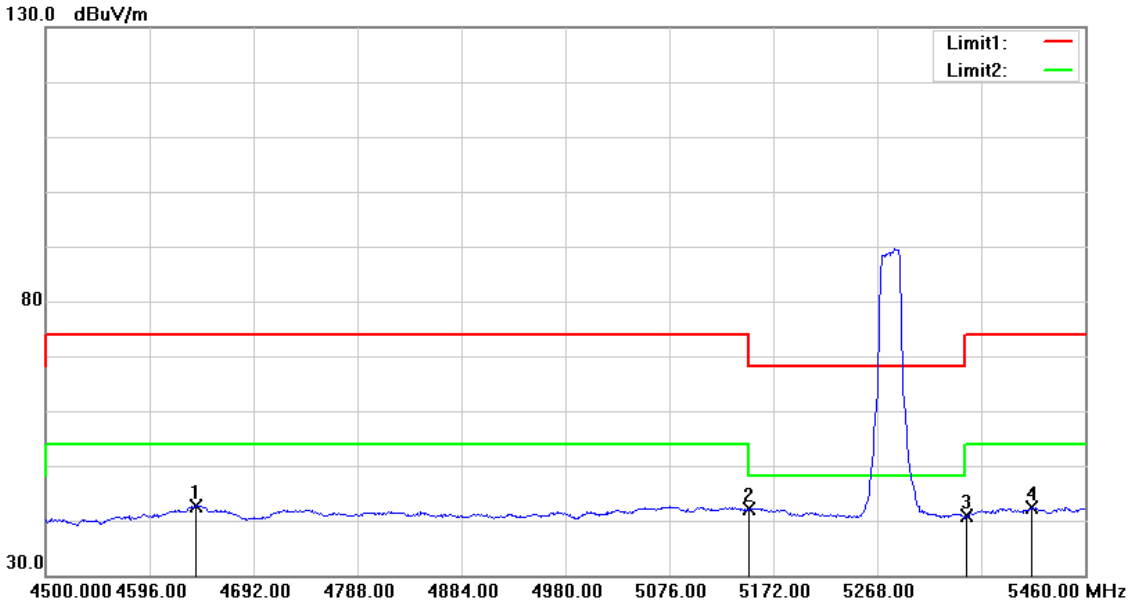
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4642.080	36.59	6.18	42.77	54.00	-11.23	AVG
2	5150.000	34.40	7.66	42.06	54.00	-11.94	AVG
3	5350.000	33.35	7.30	40.65	54.00	-13.35	AVG
4	5413.920	35.07	7.34	42.41	54.00	-11.59	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



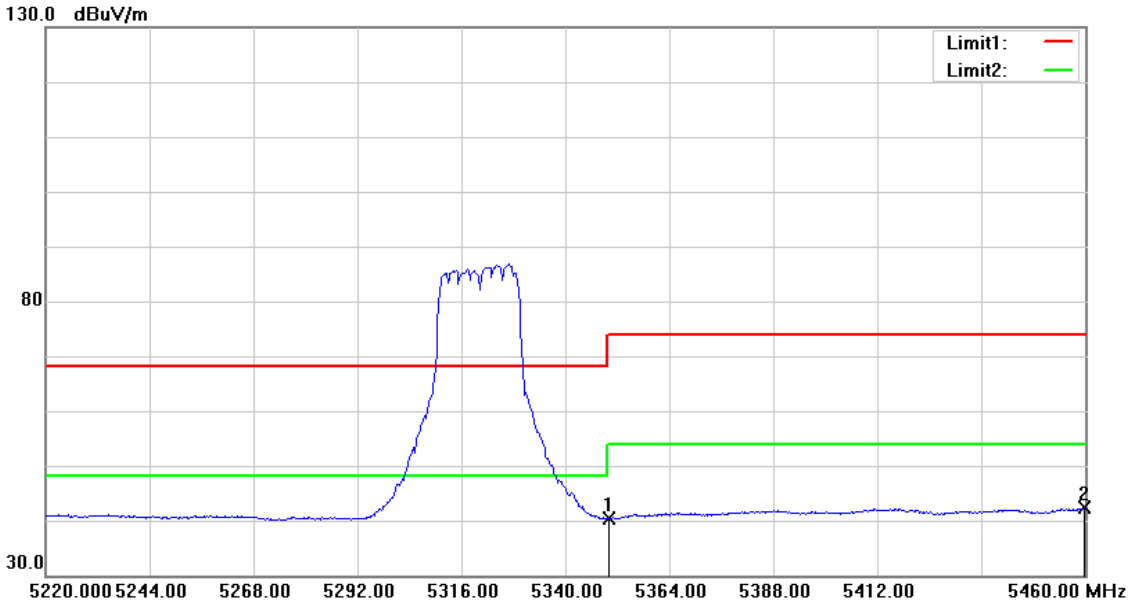
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4641.120	36.79	6.18	42.97	54.00	-11.03	AVG
2	5150.000	34.48	7.66	42.14	54.00	-11.86	AVG
3	5350.000	33.17	7.30	40.47	54.00	-13.53	AVG
4	5410.080	34.68	7.31	41.99	54.00	-12.01	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



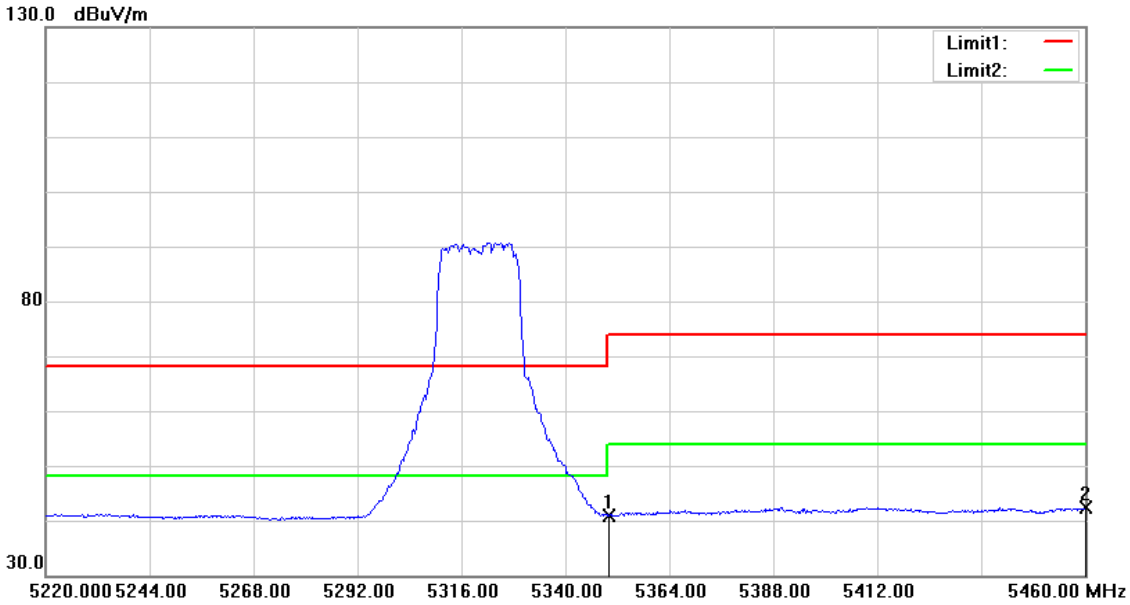
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4639.200	36.57	6.18	42.75	54.00	-11.25	AVG
2	5150.000	34.43	7.66	42.09	54.00	-11.91	AVG
3	5350.000	33.62	7.30	40.92	54.00	-13.08	AVG
4	5411.040	35.18	7.32	42.50	54.00	-11.50	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



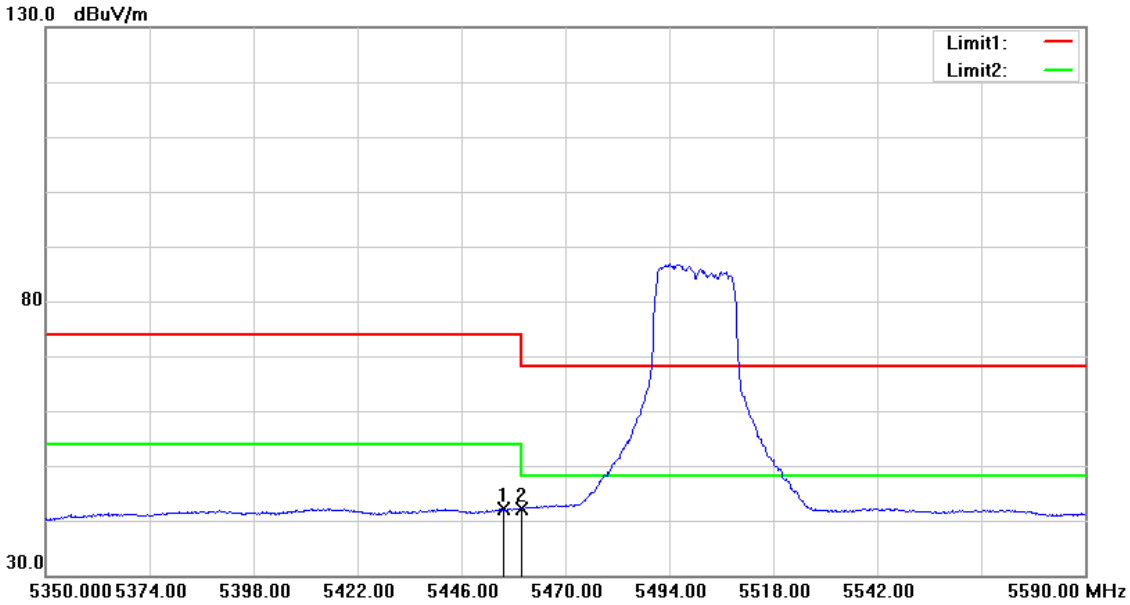
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	32.98	7.30	40.28	54.00	-13.72	AVG
2	5459.760	34.64	7.74	42.38	54.00	-11.62	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



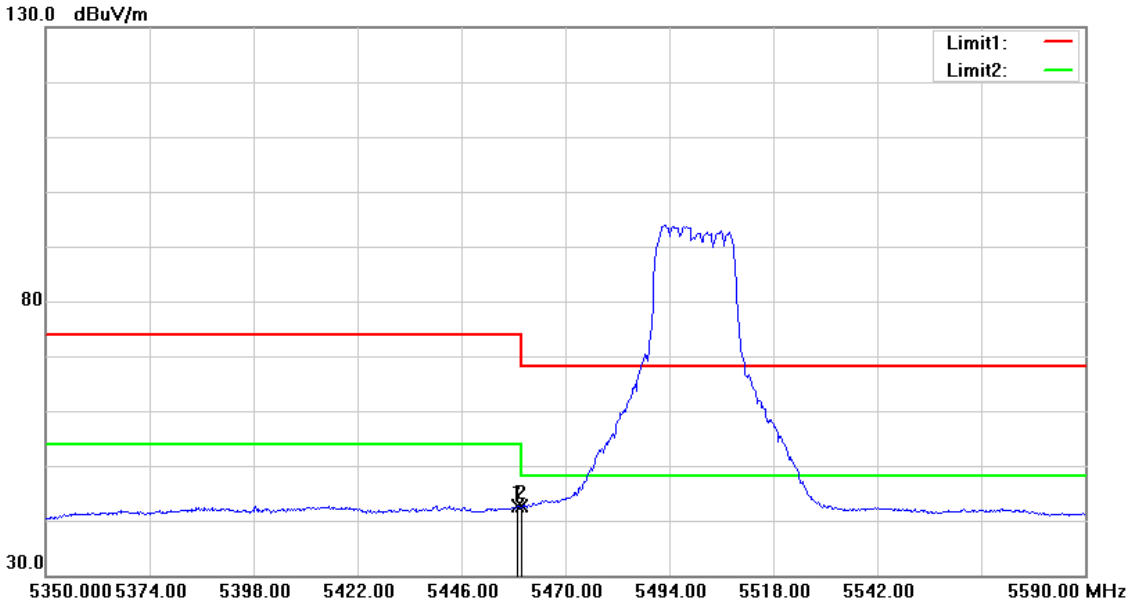
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	33.65	7.30	40.95	54.00	-13.05	AVG
2	5460.000	34.71	7.74	42.45	54.00	-11.55	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



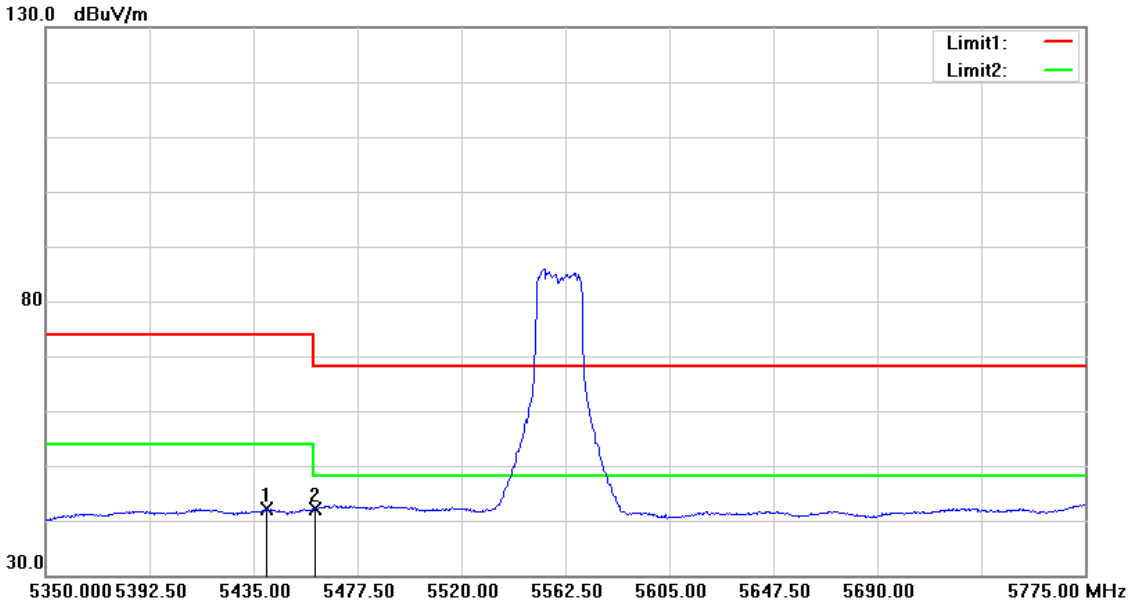
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.600	34.48	7.70	42.18	54.00	-11.82	AVG
2	5460.000	34.50	7.74	42.24	54.00	-11.76	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



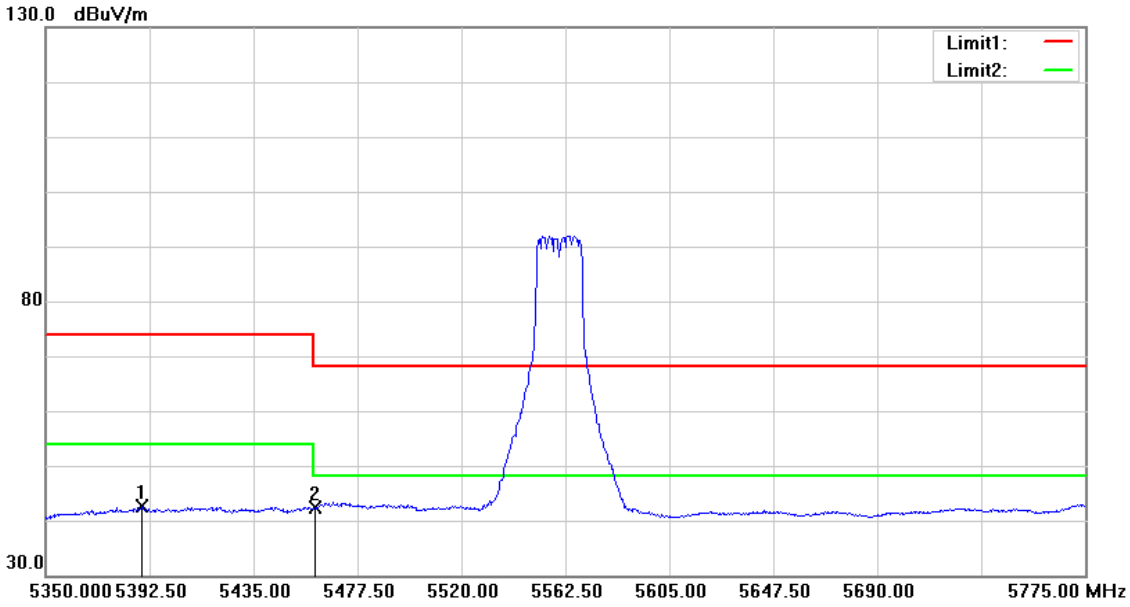
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5458.960	35.00	7.73	42.73	54.00	-11.27	AVG
2	5460.000	34.79	7.74	42.53	54.00	-11.47	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Horizontal		



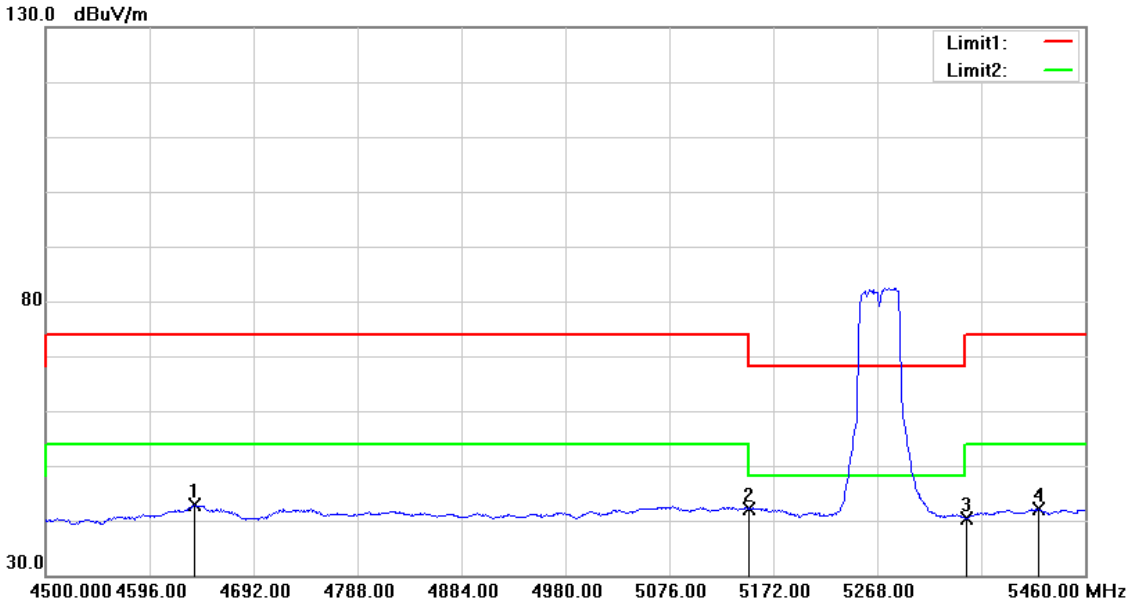
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5440.100	34.55	7.57	42.12	54.00	-11.88	AVG
2	5460.000	34.37	7.74	42.11	54.00	-11.89	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	802.11ac VHT20		
Ant.Polar.:	Vertical		



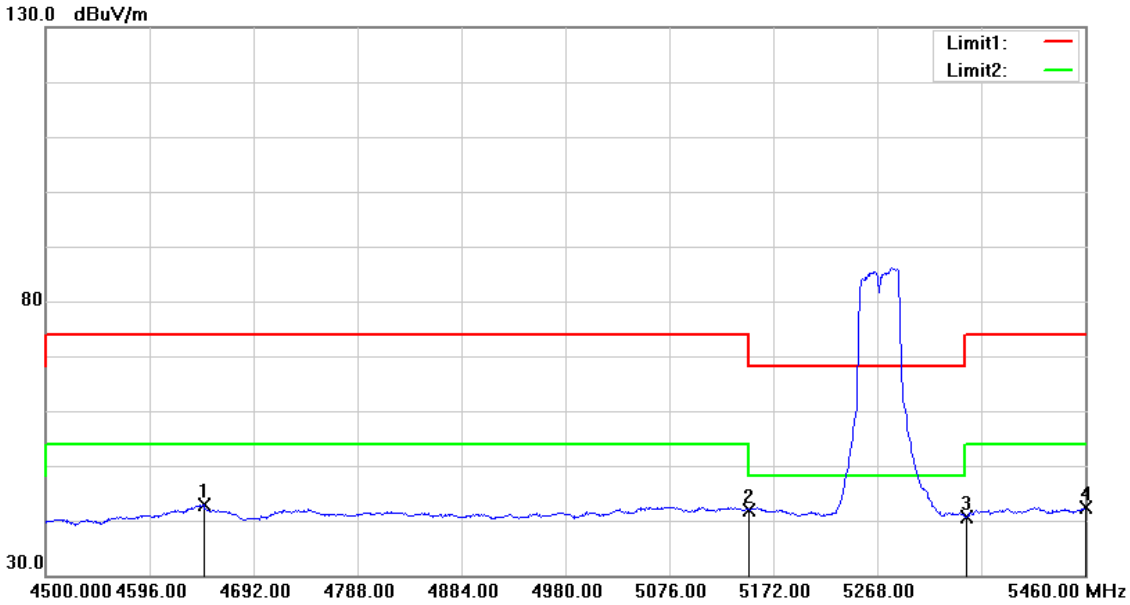
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5389.525	35.29	7.23	42.52	54.00	-11.48	AVG
2	5460.000	34.52	7.74	42.26	54.00	-11.74	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



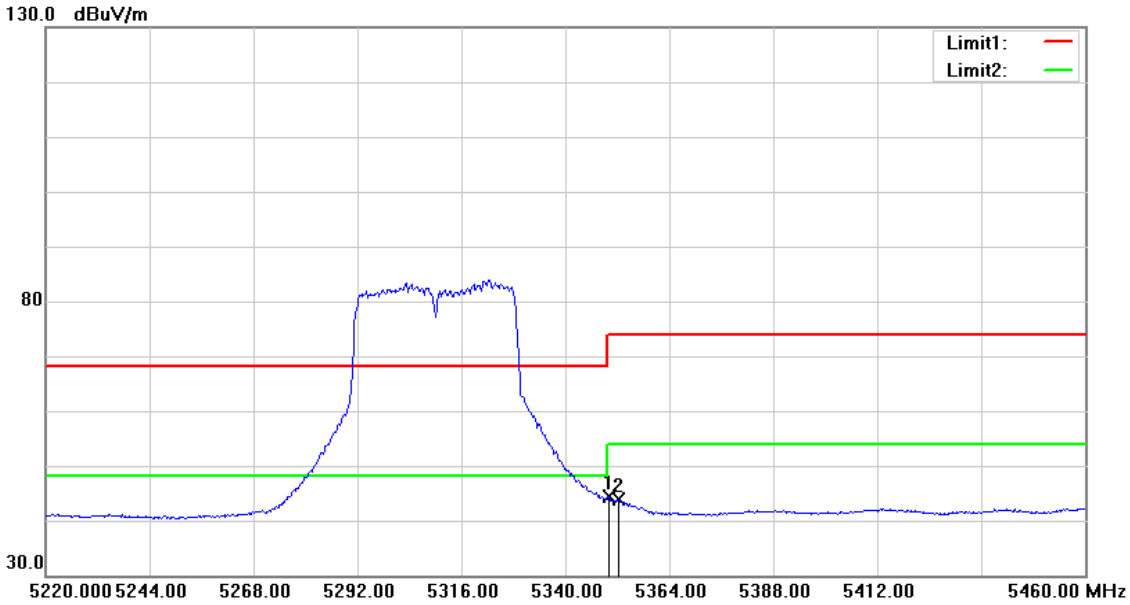
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4637.280	36.63	6.17	42.80	54.00	-11.20	AVG
2	5150.000	34.58	7.66	42.24	54.00	-11.76	AVG
3	5350.000	33.10	7.30	40.40	54.00	-13.60	AVG
4	5416.800	34.75	7.36	42.11	54.00	-11.89	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5270 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



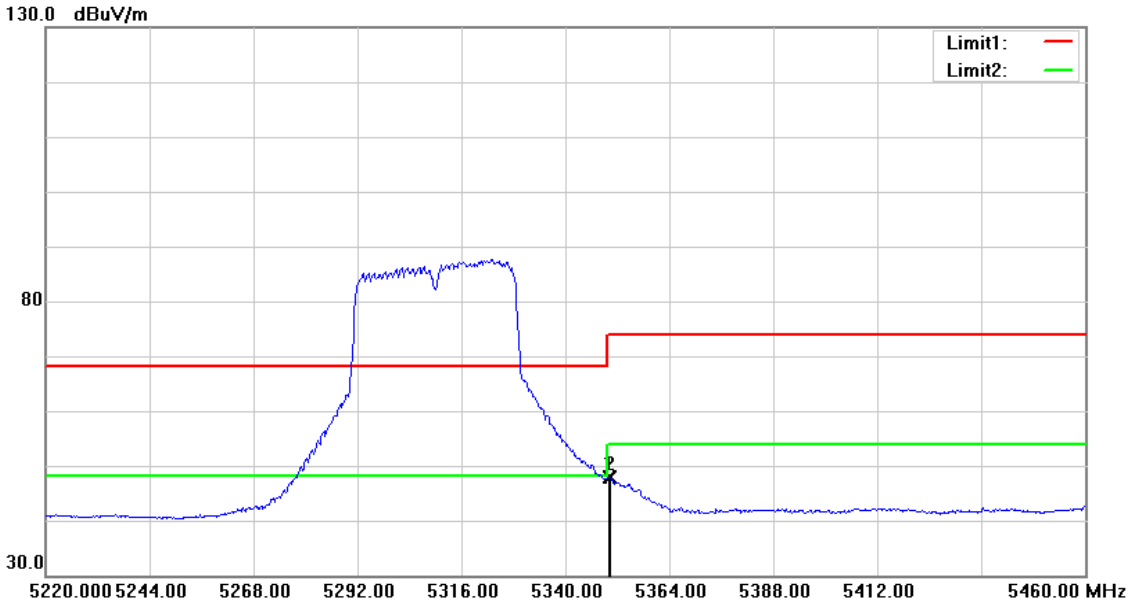
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4645.920	36.62	6.18	42.80	54.00	-11.20	AVG
2	5150.000	34.23	7.66	41.89	54.00	-12.11	AVG
3	5350.000	33.43	7.30	40.73	54.00	-13.27	AVG
4	5460.000	34.63	7.74	42.37	54.00	-11.63	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5310 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



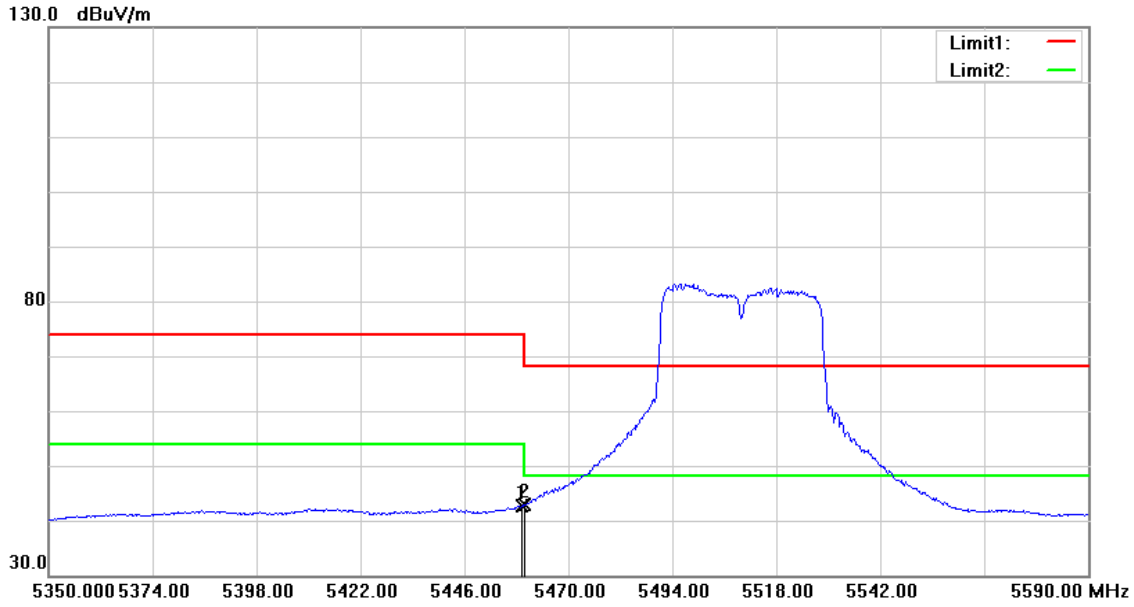
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	37.11	7.30	44.41	54.00	-9.59	AVG
2	5352.240	36.47	7.30	43.77	54.00	-10.23	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5310 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



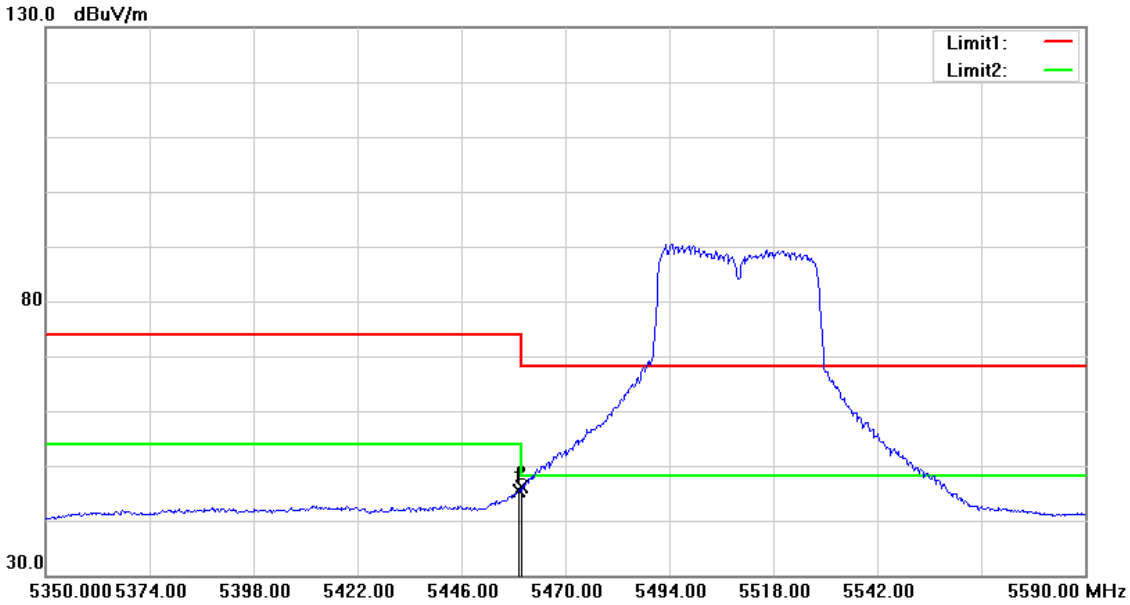
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	40.67	7.30	47.97	54.00	-6.03	AVG
2	5350.320	40.49	7.30	47.79	54.00	-6.21	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5510 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



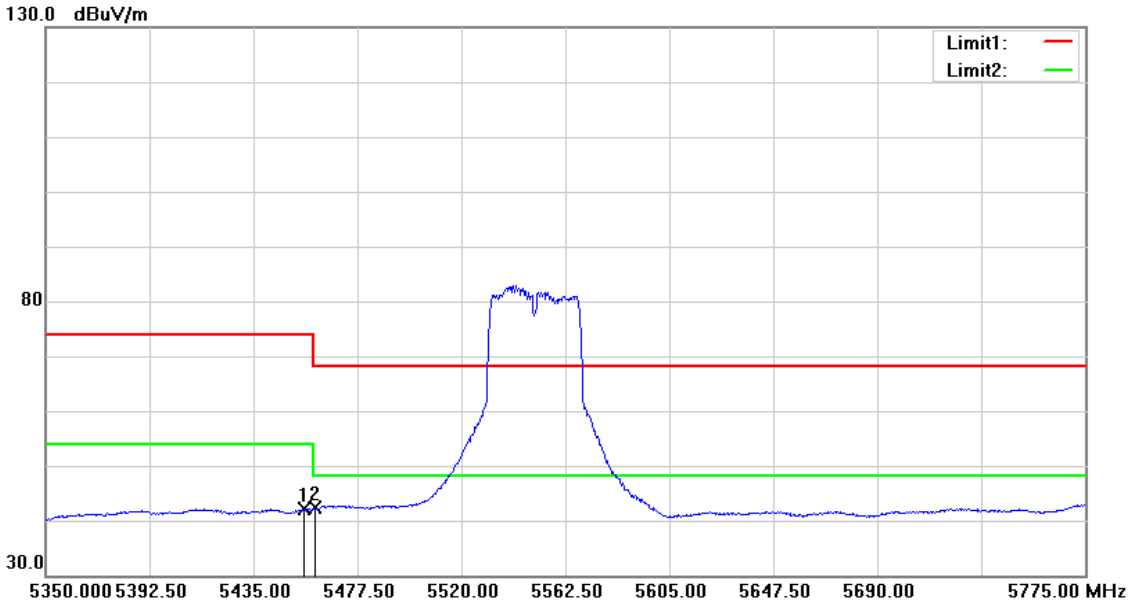
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.200	34.90	7.73	42.63	54.00	-11.37	AVG
2	5460.000	35.18	7.74	42.92	54.00	-11.08	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5510 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



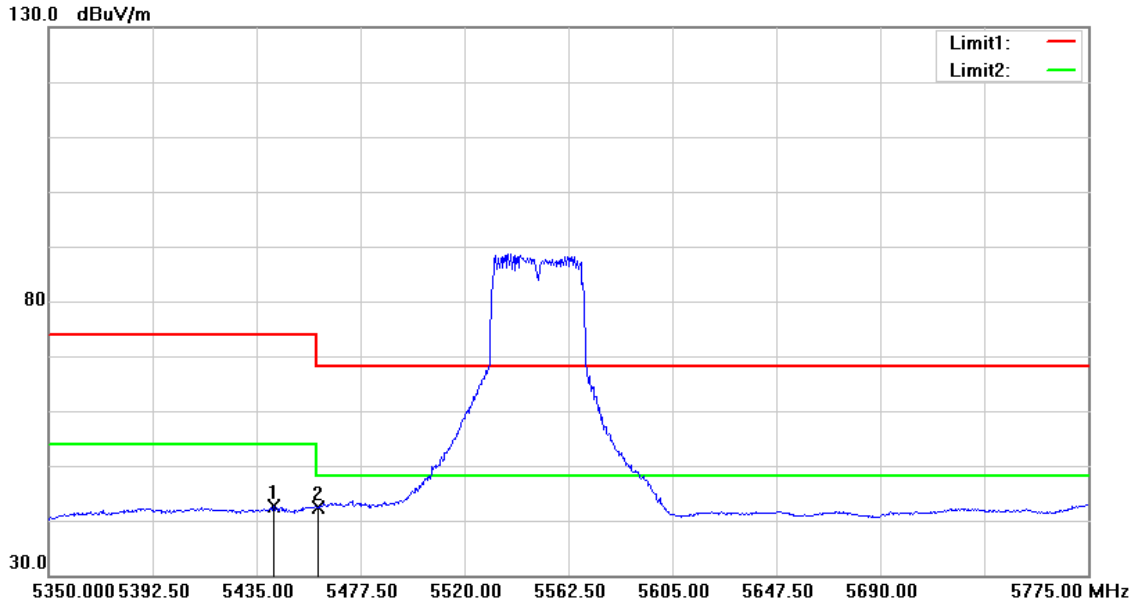
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.200	37.66	7.73	45.39	54.00	-8.61	AVG
2	5460.000	38.27	7.74	46.01	54.00	-7.99	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5550 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Horizontal		



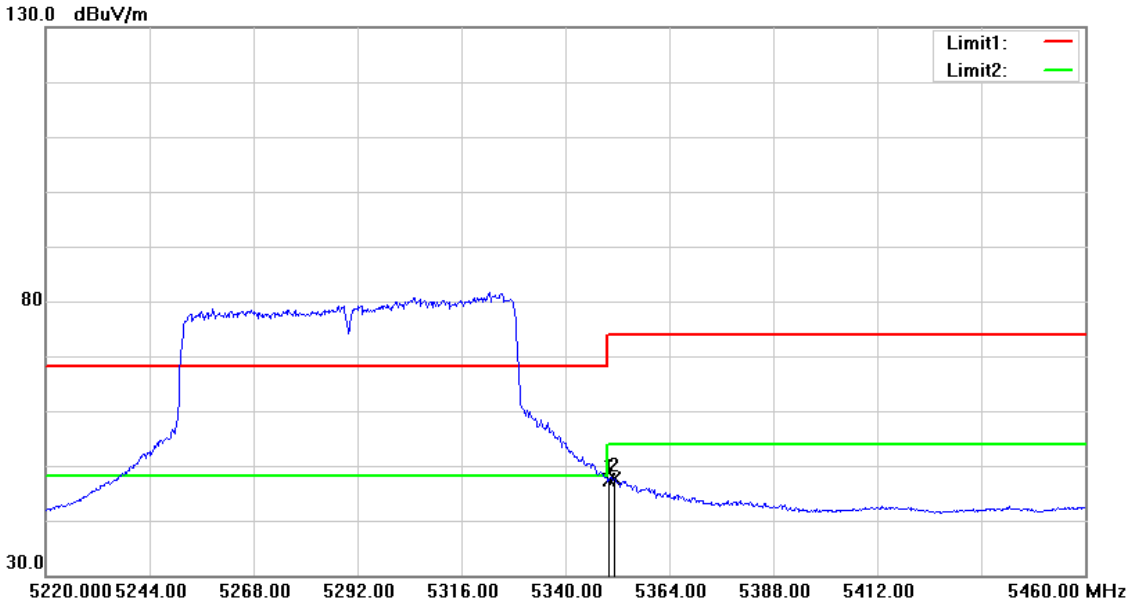
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.825	34.41	7.71	42.12	54.00	-11.88	AVG
2	5460.000	34.53	7.74	42.27	54.00	-11.73	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5550 MHz		
Mode:	802.11ac VHT40		
Ant.Polar.:	Vertical		



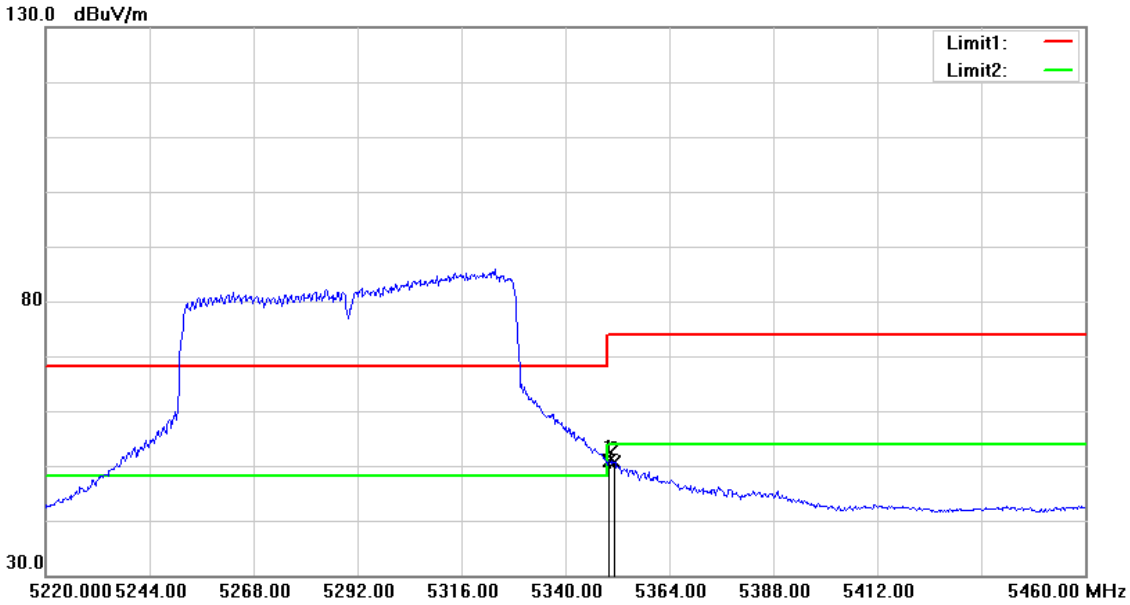
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5442.225	35.03	7.59	42.62	54.00	-11.38	AVG
2	5460.000	34.72	7.74	42.46	54.00	-11.54	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Horizontal		



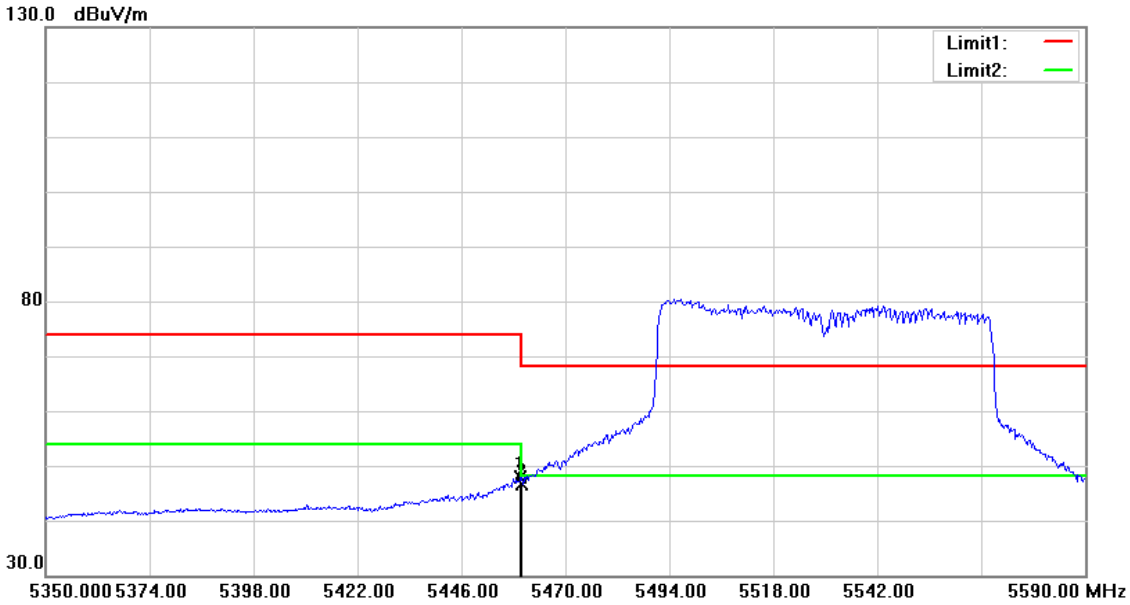
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	40.19	7.30	47.49	54.00	-6.51	AVG
2	5351.280	40.30	7.30	47.60	54.00	-6.40	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5290 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Vertical		



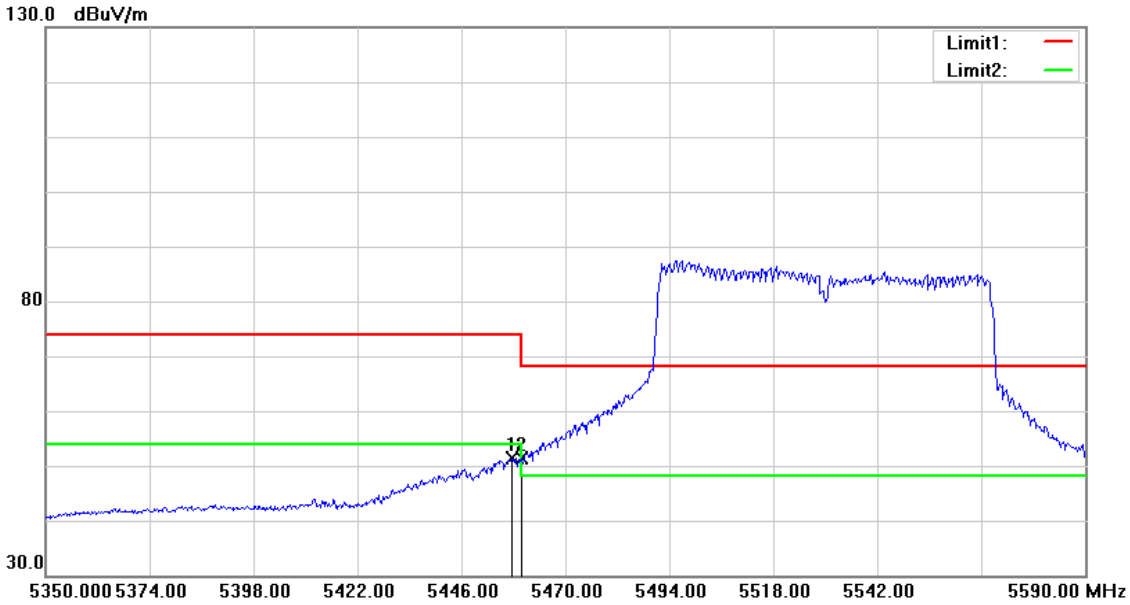
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	43.58	7.30	50.88	54.00	-3.12	AVG
2	5351.280	43.39	7.30	50.69	54.00	-3.31	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5530 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.680	40.03	7.74	47.77	54.00	-6.23	AVG
2	5460.000	38.89	7.74	46.63	54.00	-7.37	AVG

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5530 MHz		
Mode:	802.11ac VHT80		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.760	43.72	7.72	51.44	54.00	-2.56	AVG
2	5460.000	43.76	7.74	51.50	54.00	-2.50	AVG

5.3. Conducted Test Results

Duty cycle

Reference Appendix A / Appendix B

Maximum Conducted Output Power and Transmit power control Measurement

Reference Appendix A

26 dB RF Bandwidth Measurement & 99 % Occupied Bandwidth Measurement

Reference Appendix A / Appendix B

Maximum Power Spectral Density Measurement

Reference Appendix A / Appendix B

---END---