

TEST REPORT

Reference No...... : WTD25X07172964W001
FCC ID..... : 2APRGRE3600
Applicant..... : Shenzhen Cudy Technology Co., Ltd.
Address..... : 7/F, Lepu Tower (West), 66 Xingke Rd, Nanshan, Shenzhen, China
Manufacturer..... : The same as Applicant
Address..... : The same as Applicant
Product Name..... : BE3600 Dual-Band Mesh Wi-Fi 7 Extender
Model No...... : RE3600
Standards..... : FCC Part 15.407
Date of Receipt sample..... : 2025-07-01
Date of Test..... : 2025-07-04 to 2025-11-20
Date of Issue..... : 2025-11-24
Test Report Form No...... : WTX_Part 15_407W
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

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Report version

Version No.	Date of issue	Description
Rev.00	2025-11-24	Original
/	/	/

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT	
Product Name:	BE3600 Dual-Band Mesh Wi-Fi 7 Extender
Trade Name:	Cudy
Model No.:	RE3600
Adding Model(s):	/
Rated Voltage:	Input:100-240V~50/60Hz, 0.3A
Battery Capacity:	/
Power Adapter:	/
<i>Note: The test data is gathered from a production sample, provided by the manufacturer.</i>	

Technical Characteristics of EUT	
Support Standards:	802.11a, 802.11n-HT20, 802.11n-HT40, 802.11ac-VHT20/40/80/160, 802.11ax-HE20/40/80/160, 802.11be-EHT20/40/80/160,
Frequency Range:	5180-5250MHz, 5250-5320MHz 5500-5700MHz, 5745-5825MHz
Max. RF Output Power:	5180-5250MHz: 17.31dBm (Conducted) 5250-5320MHz: 17.57dBm (Conducted) 5500-5700MHz: 17.69dBm (Conducted) 5745-5825MHz: 17.86dBm (Conducted)
Type of Modulation:	OFDM, OFDMA, BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM
Type of Antenna:	External Antenna
Antenna Gain:	ANT1:1.05dBi ANT2:1.05dBi
<i>Note The Antenna Gain is provided by the customer and can affect the validity of results.</i>	

1.2 Test Standards

The tests were performed according to following standards:

FCC Rules Part 15.407: General technical requirements.

ANSI C63.10-2020: American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

KDB789033 D02 v02r01: Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-Nii) Devices Part 15, Subparte.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which result in lowering the emission, should be checked to ensure compliance has been maintained.

1.3 Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2020, KDB789033 D02 v02r01. The equipment under test (EUT) was configured to measure its highest possible emission level. The test modes were adapted accordingly in reference to the Operating Instructions.

1.4 Table for parameters of Test Software setting

Use “accessMTool.exe” and follow the instructions given by the manufacturer, you can start to test. During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. Test use the customer default power level, and to measure its highest possible emissions level, more detailed description as follows:

Mode	Test Frequency (MHz)											
	NCB: 20MHz											
	5180	5200	5240	5260	5280	5320	5500	5580	5700	5745	5785	5825
802.11a	64	64	64	64	64	64	64	64	64	64	64	64
802.11n-HT20	64	64	64	64	64	64	64	64	64	64	64	64
802.11ac-VHT20	60	60	60	60	60	60	60	60	60	60	60	60
802.11ax-HE20	60	60	60	60	60	60	60	60	60	60	60	60
802.11be-EHT20	60	60	60	60	60	60	60	60	60	60	60	60
Mode	NCB: 40MHz											
	5190	5230	5270	5310	5510	5550	5670	5710	5755	5795		
802.11n-HT40	48	48	48	48	48	48	48	48	48	48	48	
802.11ac-VHT40	48	48	48	48	48	48	48	48	48	48	48	
802.11ax-HE40	48	48	48	48	48	48	48	48	48	48	48	
802.11be-EHT40	48	48	48	48	48	48	48	48	48	48	48	
Mode	NCB: 80MHz											
	5210		5290		5530		5610		5775			
802.11ac-VH80	48		48		48		48		48			

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802.11ax-HE80	48	48	48	48	48
802.11be-EHT80	48	48	48	48	48
Mode	NCB: 160MHz				
	5250		5570		
802.11ac-VH160	48		48		
802.11ax-HE160	48		48		
802.11be-EHT160	48		48		

1.5 EUT Operating during test

EUT was programmed to be in continuously transmitting mode. During the test, EUT operation to normal function and programs under Android were executed.

1.6 Test Facility

Address of the test laboratory

Laboratory: Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road, Block 70 Bao'an District, Shenzhen, Guangdong, China

FCC – Registration No.: 125990

Waltek Testing Group (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. The Designation Number is CN5010, and Test Firm Registration Number is 125990.

Industry Canada (IC) Registration No.: 11464A

The 3m Semi-anechoic chamber of Waltek Testing Group (Shenzhen) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A and the CAB identifier is CN0057.

1.7 EUT Setup and Test Mode

The EUT was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements. All testing shall be performed under maximum output power condition, and to measure its highest possible emissions level, more detailed description as follows:

Test Mode List		
Test Mode	Description	Remark
TM1	802.11a	5180MHz,5200MHz,5240MHz,5260MHz,5280MHz,5320MHz,5500MHz,5580MHz,5700MHz,5745MHz, 5785MHz,5825MHz
TM2	802.11n-HT20	5180MHz,5200MHz,5240MHz,5260MHz,5280MHz,5320MHz,500MHz,5580MHz,5700MHz,5745MHz, 5785MHz,5825MHz
TM3	802.11ac-VHT20	5180MHz,5200MHz,5240MHz,5260MHz,5280MHz,5320MHz,5500MHz,5580MHz,5700MHz,5745MHz, 5785MHz,5825MHz
TM4	802.11ax-HE20	5180MHz,5200MHz,5240MHz,5260MHz,5280MHz,5320MHz,5500MHz,5580MHz,5700MHz,5745MHz, 5785MHz,5825MHz
TM5	802.11be-EHT20	5180MHz,5200MHz,5240MHz,5260MHz,5280MHz,5320MHz,5500MHz,5580MHz,5700MHz,5745MHz, 5785MHz,5825MHz
TM6	802.11n-HT40	5190MHz,5230MHz,5270MHz,5310MHz,5510MHz,5550MHz,5670MHz,5755MHz,5795MHz
TM7	802.11ac-VHT40	5190MHz,5230MHz,5270MHz,5310MHz,5510MHz,5550MHz,5670MHz,5755MHz,5795MHz
TM8	802.11ax-HE40	5190MHz,5230MHz,5270MHz,5310MHz,5510MHz,5550MHz,5670MHz,5755MHz,5795MHz
TM9	802.11be-EHT40	5190MHz,5230MHz,5270MHz,5310MHz,5510MHz,5550MHz,5670MHz,5755MHz,5795MHz
TM10	802.11ac-VHT80	5210MHz,5290MHz,5530MHz,5610MHz,5775MHz
TM11	802.11ax-HE80	5210MHz,5290MHz,5530MHz,5610MHz,5775MHz
TM12	802.11be-EHT80	5210MHz,5290MHz,5530MHz,5610MHz,5775MHz
TM13	802.11ac-VHT160	5250MHz,5570MHz
TM14	802.11ax-HE160	5250MHz,5570MHz
TM15	802.11be-EHT160	5250MHz,5570MHz
Note 1: All test modes (different data rate and different modulation) are performed, but only the worst case is recorded in this report.		
Note 2: The 5GHz WIFI has two antennas and support Multiple Outputs for 802.11n/ac/ax/be mode for this report; For Antenna 1 Gain is 1.05dBi; Antenna 2 Gain is 1.05dBi.		
According to KDB 662911, for same Directional gain = GANT + 10 log(NANT) dBi = 1.05+10log(2) dBi=4.06dBi		
Note 3: 802.11ax, 802.11be, only support full RU.		

Test Conditions	
Temperature:	25 °C
Relative Humidity:	56 %.
ATM Pressure:	1019 mbar

EUT Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Special Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
Computer	Lenovo	L13 Yoga	/

1.8 Measurement Uncertainty

Measurement uncertainty		
Parameter	Conditions	Uncertainty
RF Output Power	Conducted	0.57dB
Occupied Bandwidth	Conducted	0.015MHz
Power Spectral Density	Conducted	1.8dB
Conducted Spurious Emission	Conducted	2.17dB
Conducted Emissions	Conducted	9-150kHz, 3.74dB
		0.15-30MHz, 3.34dB
Transmitter Spurious Emissions	Radiated	30-200MHz, 4.52dB
		0.2-1GHz 5.56dB
		1-6GHz, 3.84dB
		6-18GHz, 3.92dB

1.9 Test Equipment List and Details

Fixed asset Number	Description	Manufacturer	Model	Serial No.	Cal Date	Due. Date
WTXE1041A 1001	Communication Tester	Rohde & Schwarz	CMW500	148650	2025-02-23	2026-02-22
WTXE1005A 1005	Spectrum Analyzer	Agilent	N9020A	US471401 02	2025-02-23	2026-02-22
WTXE1084A 1001	Spectrum Analyzer	Agilent	N9020A	MY543205 48	2025-02-23	2026-02-22
WTXE1004A 1-001	Spectrum Analyzer	Rohde & Schwarz	FSP40	100612	2025-02-23	2026-02-22
WTXW1105A 1010	Spectrum Analyzer	KEYSIGHT	N9020A	MY512856 77	2025-02-23	2026-02-22
WTXE1105A 1008	RF Control Unit	Tonscend	JS0806-2	24F80620 870	2025-02-23	2026-02-22
WTXE1103A 1003	Attenuator	Pasternack	PE4007-4	/	2025-02-23	2026-02-22
WTXE1003A 1-005	Coaxial Cable	/	0M4RFC	/	2025-02-23	2026-02-22
☐ Chamber A: Below 1GHz						
WTXE1005A 1003	Spectrum Analyzer	Rohde & Schwarz	FSP30	836079/03 5	2025-02-23	2026-02-22
WTXE1001A 1001	EMI Test Receiver	Rohde & Schwarz	ESPI	101611	2025-02-23	2026-02-22
WTXE1007A 1002	Amplifier	HP	8447F	2805A034 75	2025-02-23	2026-02-22
WTXE1010A 1007	Loop Antenna	Schwarz beck	FMZB 1516	9773	2024-02-26	2026-02-25
WTXE1010A 1006	Broadband Antenna	Schwarz beck	VULB9163	9163-333	2025-02-23	2026-02-22
WTXE1104A 1032-1	Coaxial Cable	/	RC_6G-N-M	/	2025-02-23	2026-02-22
WTXE1104A 1032-2	Coaxial Cable	/	RC_6G-N-M	/	2025-02-23	2026-02-22
WTXE1104A 1032-3	Coaxial Cable	/	RC_6G-N-M	/	2025-02-23	2026-02-22
☐ Chamber A: Above 1GHz						
WTXE1005A 1003	Spectrum Analyzer	Rohde & Schwarz	FSP30	836079/03 5	2025-02-23	2026-02-22
WTXE1001A 1001	EMI Test Receiver	Rohde & Schwarz	ESPI	101611	2025-02-23	2026-02-22

WTXE1065A 1001	Amplifier	C&D	PAP-1.0G18	14918	2025-02-23	2026-02-22
WTXE1010A 1005	Horn Antenna	ETS	3117	00086197	2025-02-23	2026-02-22
WTXE1010A 1010	DRG Horn Antenna	A.H. SYSTEMS	SAS-574	571	2024-03-17	2026-03-16
WTXE1003A 1001	Pre-amplifier	Schwarzbeck	BBV 9721	9721-031	2025-02-23	2026-02-22
WTXE1104A 1033-1	Coaxial Cable	/	C16-07-07	/	2025-02-23	2026-02-22
WTXE1104A 1033-2	Coaxial Cable	/	C16-07-07	/	2025-02-23	2026-02-22
WTXE1104A 1033-3	Coaxial Cable	/	C16-07-07	/	2025-02-23	2026-02-22
☐ Chamber B:Below 1GHz						
WTXE1010A 1006	Trilog Broadband Antenna	Schwarz beck	VULB9163(B)	9163-635	2024-03-17	2027-03-16
WTXE1038A 1001	Amplifier	Agilent	8447D	2944A104 57	2025-02-23	2026-02-22
WTXE1001A 1002	EMI Test Receiver	Rohde & Schwarz	ESPI	101391	2025-02-23	2026-02-22
WTXE1104A 1031-1	Coaxial Cable	/	1.5MRFC-LWB3	/	2025-02-23	2026-02-22
WTXE1104A 1031-2	Coaxial Cable	/	RG 316	/	2025-02-23	2026-02-22
WTXE1104A 1031-3	Coaxial Cable	/	RG 316	/	2025-02-23	2026-02-22
☒ Chamber C:Below 1GHz						
WTXE1093A 1001	EMI Test Receiver	Rohde & Schwarz	ESIB 26	100401	2025-02-23	2026-02-22
WTXE1010A 1013-1	Trilog Broadband Antenna	Schwarz beck	VULB 9168	1194	2024-04-18	2027-04-17
WTXE1010A 1007	Loop Antenna	Schwarz beck	FMZB 1516	9773	2024-02-26	2026-02-25
WTXE1007A 1003	Amplifier	HP	8447F	2944A038 69	2025-02-23	2026-02-22
WTXE1104A 1034-1	Coaxial Cable	/	RC_6G-N-M	/	2025-02-23	2026-02-22
WTXE1104A 1034-2	Coaxial Cable	/	RC_6G-N-M	/	2025-02-23	2026-02-22

WTXE1104A 1034-3	Coaxial Cable	/	RC_6G-N-M	/	2025-02-23	2026-02-22
☒ Chamber C: Above 1GHz						
WTXE1093A 1001	EMI Test Receiver	Rohde & Schwarz	ESIB 26	100401	2025-02-23	2026-02-22
WTXE1103A 1005	Horn Antenna	POAM	RTF-118A	1820	2025-06-13	2027-06-12
WTXE1103A 1006	Amplifier	Tonscend	TAP01018050	AP22E806 235	2025-02-23	2026-02-22
WTXE1010A 1010	DRG Horn Antenna	A.H. SYSTEMS	SAS-574	571	2024-03-17	2026-03-16
WTXE1003A 1001	Pre-amplifier	Schwarzbeck	BBV 9721	9721-031	2025-02-23	2026-02-22
WTXE1104A 1035-1	Coaxial Cable	/	RC-18G-N-M	/	2025-02-23	2026-02-22
WTXE1104A 1035-2	Coaxial Cable	/	RC-18G-N-M	/	2025-02-23	2026-02-22
WTXE1104A 1035-3	Coaxial Cable	/	RC-18G-N-M	/	2025-02-23	2026-02-22
☐ Conducted Room 1#						
WTXE1104A 1029	EMI Test Receiver	Rohde & Schwarz	ESCI	100525	2024-12-08	2025-12-07
WTXE1002A 1001	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100911	2025-02-23	2026-02-22
WTXE1003A 1001	AC LISN	Schwarz beck	NSLK8126	8126-279	2025-02-23	2026-02-22
WTXE1104A 1036	Coaxial Cable	/	RG 316	/	2025-02-23	2026-02-22
WTXE1104A 1038	Coaxial Cable	/	6MRFC-DP	/	2025-02-23	2026-02-22
☒ Conducted Room 2#						
WTXE1001A 1004	EMI Test Receiver	Rohde & Schwarz	ESPI	101259	2025-02-23	2026-02-22
WTXE1003A 1003	LISN	Rohde & Schwarz	ENV 216	100097	2025-02-23	2026-02-22
WTXE1104A 1037	Coaxial Cable	/	RG 316	/	2025-02-23	2026-02-22

Software List			
Description	Manufacturer	Model	Version
EMI Test Software (Radiated Emission A)	Farad	EZ-EMC	RA-03A1 (1.1.4.2)
EMI Test Software (Radiated Emission B)	Farad	EZ-EMC	RA-03A1 (1.1.4.2)
EMI Test Software (Radiated Emission C)	Farad	EZ-EMC	RA-03A1-2 (1.1.4.2)
EMI Test Software (Conducted Emission Room 1#)	Farad	EZ-EMC	3A1*CE-RE 1.1.4.3
EMI Test Software (Conducted Emission Room 2#)	Farad	EZ-EMC	3A1*CE-RE 1.1.4.3
RF Test System	Tonscend	JS1120-3	V3.5.39

*Remark: indicates software version used in the compliance certification testing.

2. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test Item	Result
§15.203; §15.405	Antenna Requirement	Compliant
15.407 (c)	Automatically Discontinue Transmission	Compliant
§15.207; §15.407(b)(6)	Conducted Emission	Compliant
§15.407(a)(1),(2)	Power Spectral Density	Compliant
§15.407(e)	Emission Bandwidth and Occupied Bandwidth	Compliant
§15.407(a)(1),(2)	Maximum Conducted Output Power	Compliant
§15.407(b)(1),(2),(3),(4)	Undesirable emission	Compliant
§15.205; §15.209; §15.407(b)(1),(2),(3)	Radiated Emission	Compliant
§15.407(g)	Frequency Stability	Compliant
§15.407(h)	Dynamic Frequency Selection (DFS)	Compliant

N/A: Not applicable.

3. Antenna Requirement

3.1 Standard Applicable

According to FCC Part 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

3.2 Evaluation Information

This product has two External antennas, fulfill the requirement of this section.

4. Automatically Discontinue Transmission

4.1 Standard Applicable

According to FCC Part 15.407(c), 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 signaling 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 to describe how this requirement is met.

4.2 Summary of Test Results

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.

5. Power Spectral Density

5.1 Standard Applicable

Section 15.407(a) Power limits:

(1) For the band 5.15-5.25GHz.

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(2) For the 5.25-5.35GHz and 5.47-5.725GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250mW or $11 \text{ dBm} + 10 \log B$, where B is the 26dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

(3) For the band 5.725-5.85GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30dBm in any 500kHz band. If transmitting antennas of directional gain greater than 6dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

5.2 Test Procedure

According to 789033 D02 v02r01 General UNII Test Procedures New Rules v02, the following is the measurement procedure.

For devices operating in the bands 5.15-5.25GHz, 5.25-5.35GHz, and 5.47-5.725GHz, the above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in § 15.407(a)(5). For devices operating in the band 5.725-5.85GHz, the rules specify a measurement bandwidth of 500kHz. Many spectrum analyzers do not have 500kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500kHz, "provided that the measured power is integrated over the full

reference bandwidth” to show the total power over the specified measurement bandwidth (i.e., 1MHz, or 500kHz). If measurements are performed using a reduced resolution bandwidth ($< 1\text{MHz}$, or $< 500\text{kHz}$) and integrated over 1 MHz, or 500kHz bandwidth, the following adjustments to the procedures apply:

- a) Set $\text{RBW} \geq 1/T$, where T is defined in section II.B.I.a).
- b) Set $\text{VBW} \geq 3 \text{ RBW}$.
- c) If measurement bandwidth of Maximum PSD is specified in 500kHz, add $10\log(500\text{kHz}/\text{RBW})$ to the measured result, whereas $\text{RBW} (< 500\text{kHz})$ is the reduced resolution bandwidth of the spectrum analyzer set during measurement.
- d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add $10\log(1\text{MHz}/\text{RBW})$ to the measured result, whereas $\text{RBW} (< 1\text{MHz})$ is the reduced resolution bandwidth of spectrum analyzer set during measurement.
- e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100kHz for the sections 5.c) and 5.d) above, since $\text{RBW}=100\text{kHz}$ is available on nearly all spectrum analyzers.

5.3 Summary of Test Results/Plots

Please refer to Appendix D

6. Emission Bandwidth and Occupied Bandwidth

6.1 Standard Applicable

According to 15.407(a) and (e):

(1) For the band 5.15-5.25GHz.

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(2) For the 5.25-5.35GHz and 5.47-5.725GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250mW or $11\text{dBm} + 10 \log B$, where B is the 26dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

(3) For the band 5.725-5.85GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30dBm in any 500kHz band. If transmitting antennas of directional gain greater than 6dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(e) Within the 5.725-5.85GHz band, the minimum 6dB bandwidth of U-NII devices shall be at least 500kHz.

6.2 Test Procedure

According to 789033 D02 v02r0r section C&D, the following is the measurement procedure.

1. Emission Bandwidth (EBW)

a) Set RBW = approximately 1% of the emission bandwidth.

b) Set the VBW > RBW.

- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Measure the maximum width of the emission that is 26dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

2. Minimum Emission Bandwidth for the band 5.725-5.85GHz Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500KHz for the band 5.715-5.85 GHz. The following procedure shall be used for measuring this bandwidth:

- a) Set RBW = 100kHz.
- b) Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6dB relative to the maximum level measured in the fundamental emission.

Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described above.

D. 99 Percent Occupied Bandwidth

The 99-percent occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5 % of the total mean power of the given emission. Measurement of the 99-percent occupied bandwidth is required only as a condition for using the optional band-edge measurement techniques described in section II.G.3.d). Measurements of 99-percent occupied bandwidth may also optionally be used in lieu of the EBW to 789033 D02 v02r01 General UNII Test Procedures New Rules v01 define the minimum frequency range over which the spectrum is integrated when measuring maximum conducted output power as described in section II.E. However, the EBW must be measured to determine bandwidth dependent limits on maximum conducted output power in accordance with 15.407(a).

The following procedure shall be used for measuring (99 %) power bandwidth:

- 1. Set center frequency to the nominal EUT channel center frequency.
- 2. Set span = 1.5 times to 5.0 times the OBW.
- 3. Set RBW = 1 % to 5 % of the OBW
- 4. Set VBW $\geq 3 \times$ RBW
- 5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- 6. Use the 99 % power bandwidth function of the instrument (if available).
- 7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency.

Reference No.: WTD25X07172964W001

The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

6.3 Summary of Test Results/Plots

Please refer to Appendix A1&A2&A3

7. Maximum Conducted Output Power

7.1 Standard Applicable

Section 15.407(a) Power limits:

(1) For the band 5.15-5.25GHz.

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(2) For the 5.25-5.35GHz and 5.47-5.725GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250mW or $11\text{dBm} + 10 \log B$, where B is the 26dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

(3) For the band 5.725-5.85GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30dBm in any 500kHz band. If transmitting antennas of directional gain greater than 6dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple colocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

7.2 Test Procedure

According to KDB789033 D02 v02r01 section E, the following is the measurement procedure.

- (i) Set span to encompass the entire emission bandwidth (EBW) (or, alternatively, the entire 99% occupied bandwidth) of the signal.
- (ii) Set RBW = 1MHz.
- (iii) Set VBW $\geq$ 3MHz.
- (iv) Number of points in sweep $\geq$ 2 Span / RBW. (This ensures that bin-to-bin spacing is $\leq$ RBW/2, so that

narrowband signals are not lost between frequency bins.)

(v) Sweep time = auto.

(vi) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.

(vii) If transmit duty cycle < 98 percent, use a video trigger with the trigger level set to enable triggering only on full power pulses. Transmitter must operate at maximum power control level for the entire duration of every sweep. If the EUT transmits continuously (i.e., with no off intervals) or at duty cycle $\geq$ 98 percent, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to "free run".

(viii) Trace average at least 100 traces in power averaging (i.e., RMS) mode.

(ix) Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument's band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at 1MHz intervals extending across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the spectrum.

7.3 Summary of Test Results/Plots

Please refer to Appendix C

8. Radiated Spurious Emissions

8.1 Standard Applicable

According to §15.407(b), undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

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

According to §15.407(b)(6), Unwanted emissions below 1GHz must comply with the general field strength limits set forth in §15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207.

According to §15.407(b)(7), The provisions of §15.205 apply to intentional radiators operating under this section.

789033 D02 v02r01 General UNII Test Procedures New Rules v01

If radiated measurements are performed, field strength is then converted to EIRP as follows:

$$\text{EIRP} = ((E \cdot d)^2) / 30$$

where:

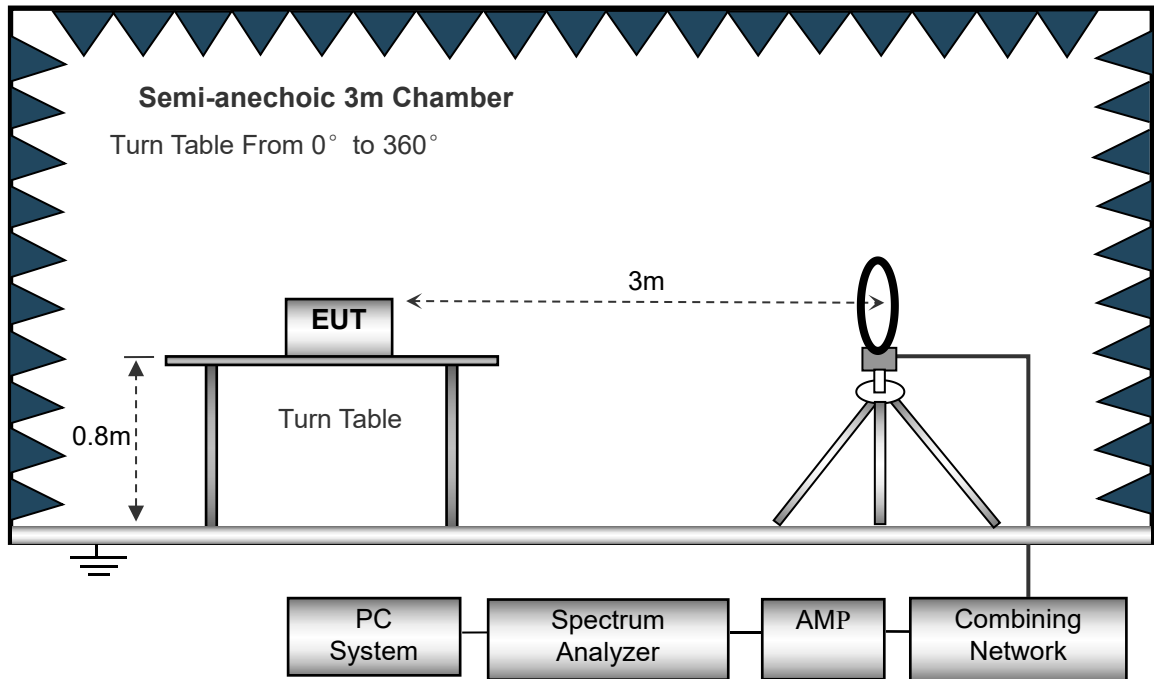
- E is the field strength in V/m;
- d is the measurement distance in meters;
- EIRP is the equivalent isotropically radiated power in watts.

8.2 Test Procedure

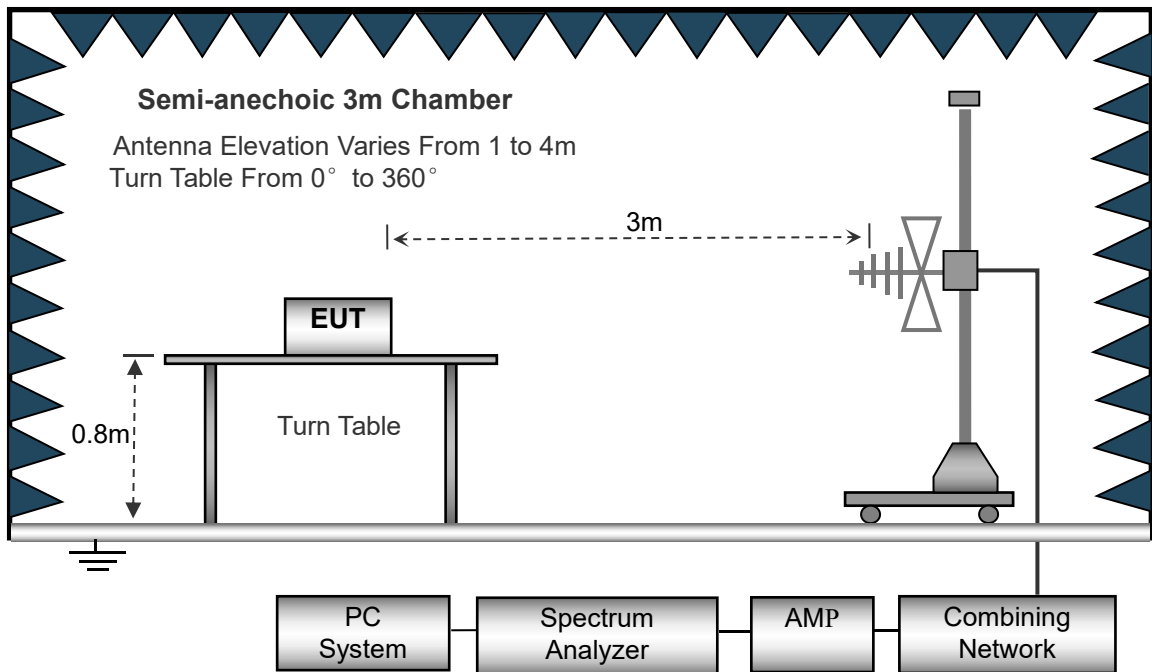
The setup of EUT is according with per ANSI C63.10-2020 measurement procedure. The specification used was with the FCC Part 15.205 15.407(b)(6) and FCC Part 15.209 Limit..

The external I/O cables were draped along the test table and formed a bundle 30 to 40cm long in the middle. The spacing between the peripherals was 10cm.

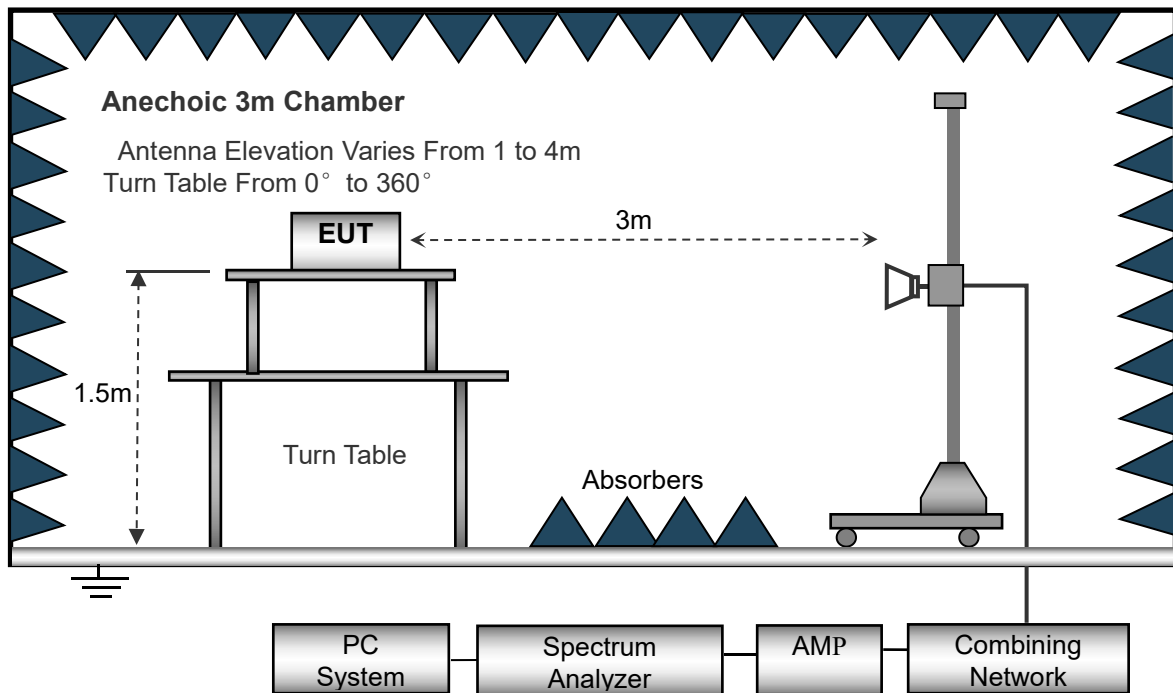
The test setup for emission measurement below 30MHz.



The test setup for emission measurement from 30MHz to 1GHz.



The test setup for emission measurement above 1GHz.



8.3 Test Receiver Setup

During the radiated emission test for above 1GHz, the test receiver was set with the following configurations:

For peak detector:

RBW = 1000kHz, VBW = 3000kHz, Sweep Time = Auto

For average detector:

RBW = 1000kHz, VBW = 10Hz, Sweep Time = Auto

8.4 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated adding the Antenna Factor and the Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

$$\text{Corr. Ampl.} = \text{Indicated Reading} + \text{Ant. Factor} + \text{Cable Loss} - \text{Ampl. Gain}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -6dB μ V means the emission is 6dB μ V below the maximum limit for Class B. The equation for margin calculation is as follows:

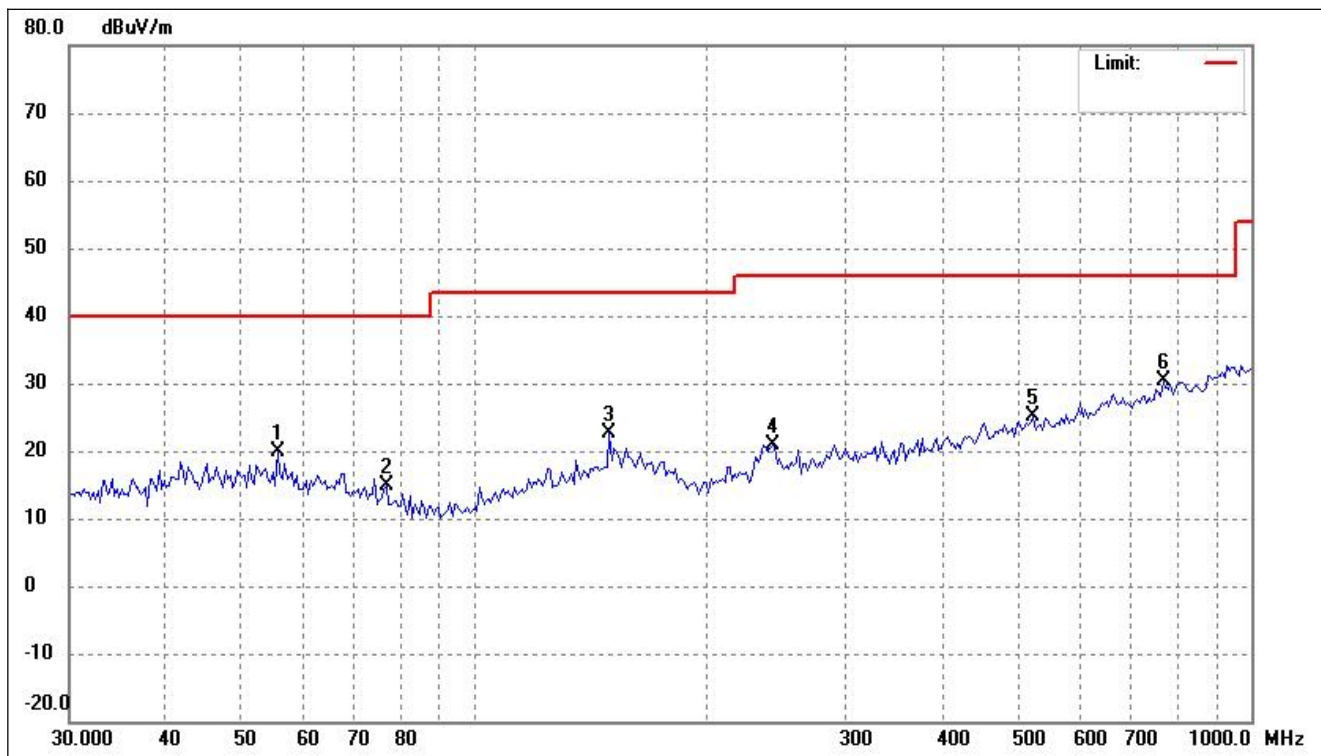
$$\text{Margin} = \text{Corr. Ampl.} - \text{FCC Part 15 Limit}$$

8.5 Summary of Test Results/Plots

Note: this EUT was tested in 3 orthogonal positions and the worst case position data was reported.

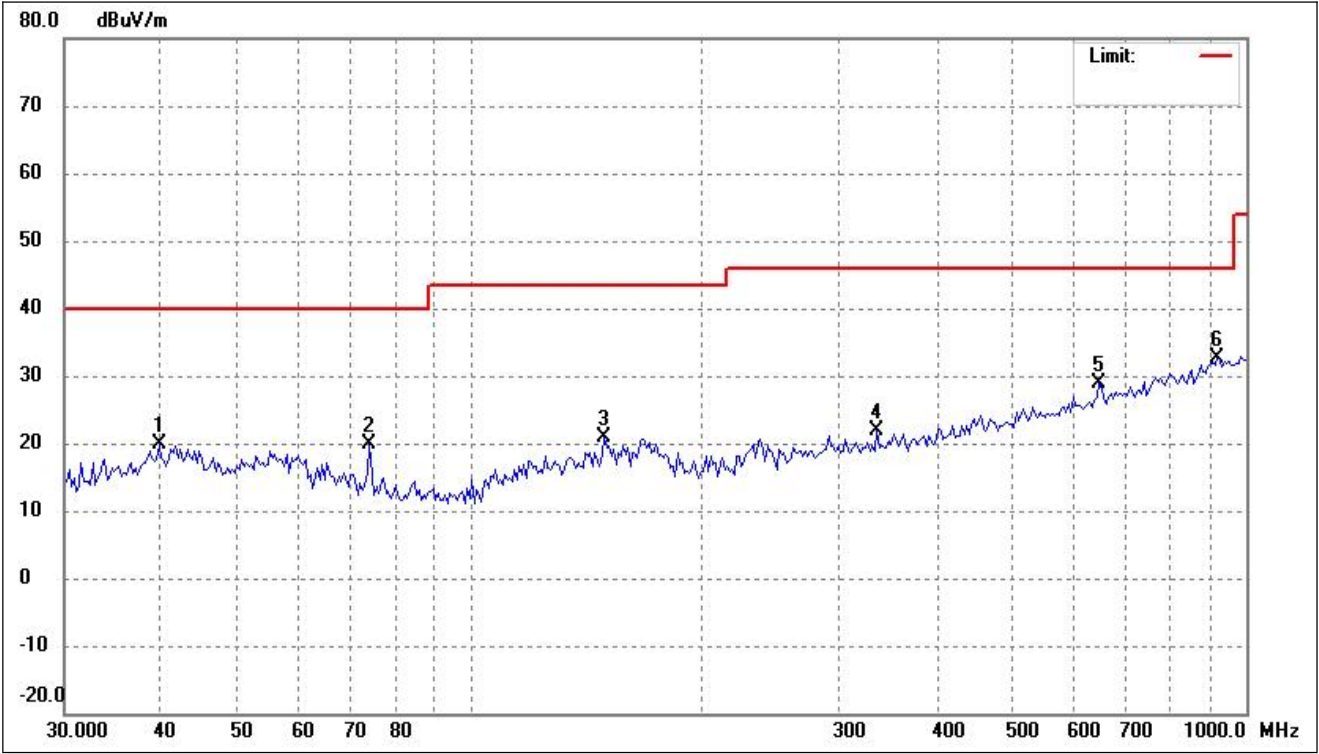
- Spurious Emission From 30MHz to 1GHz
- Antenna 1(worst case)
- 5150-5250MHz

802.11a(worst case)			
Test Channel	5180MHz(worst case)	Polarity:	Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	55.6782	29.18	-9.24	19.94	40.00	-20.06	-	-	peak
2	76.9256	27.34	-12.46	14.88	40.00	-25.12	-	-	peak
3	148.9175	31.59	-8.91	22.68	43.50	-20.82	-	-	peak
4	241.8377	30.83	-9.91	20.92	46.00	-25.08	-	-	peak
5	523.8763	28.92	-3.86	25.06	46.00	-20.94	-	-	peak
6	771.0475	29.78	0.53	30.31	46.00	-15.69	-	-	peak

802.11a(worst case)			
Test Channel	5180MHz(worst case)	Polarity:	Vertical

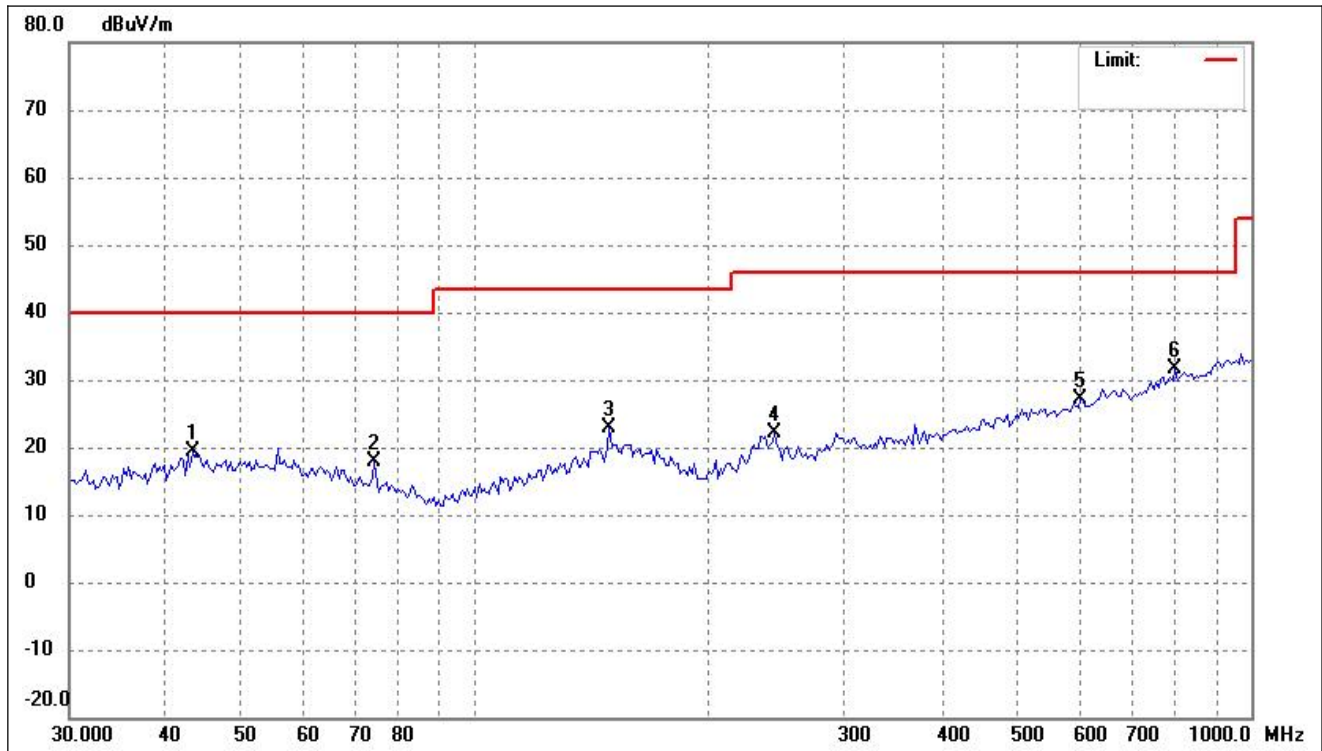


No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	39.7371	29.45	-9.61	19.84	40.00	-20.16	-	-	peak
2	74.2696	31.76	-11.92	19.84	40.00	-20.16	-	-	peak
3	148.9175	29.77	-8.91	20.86	43.50	-22.64	-	-	peak
4	334.1255	28.91	-7.08	21.83	46.00	-24.17	-	-	peak
5	646.8217	30.36	-1.45	28.91	46.00	-17.09	-	-	peak
6	919.1315	30.38	2.33	32.71	46.00	-13.29	-	-	peak

➤ 5250-5350MHz

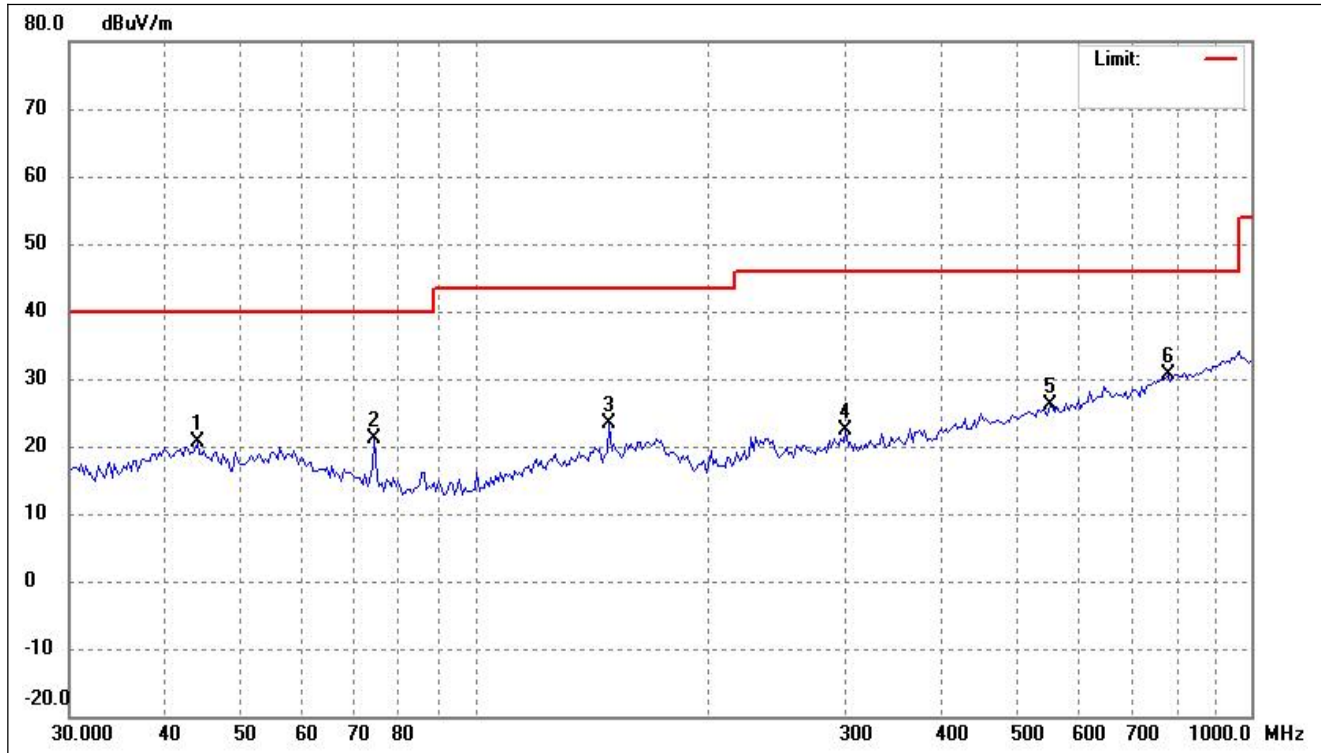
802.11a(worst case)

Test Channel	5320MHz(worst case)	Polarity:	Horizontal
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No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	43.2333	28.56	-9.23	19.33	40.00	-20.67	-	-	peak
2	74.2696	29.87	-11.92	17.95	40.00	-22.05	-	-	peak
3	148.9175	31.73	-8.91	22.82	43.50	-20.68	-	-	peak
4	243.5431	31.85	-9.83	22.02	46.00	-23.98	-	-	peak
5	602.9287	29.09	-2.06	27.03	46.00	-18.97	-	-	peak
6	798.6205	30.72	0.99	31.71	46.00	-14.29	-	-	peak

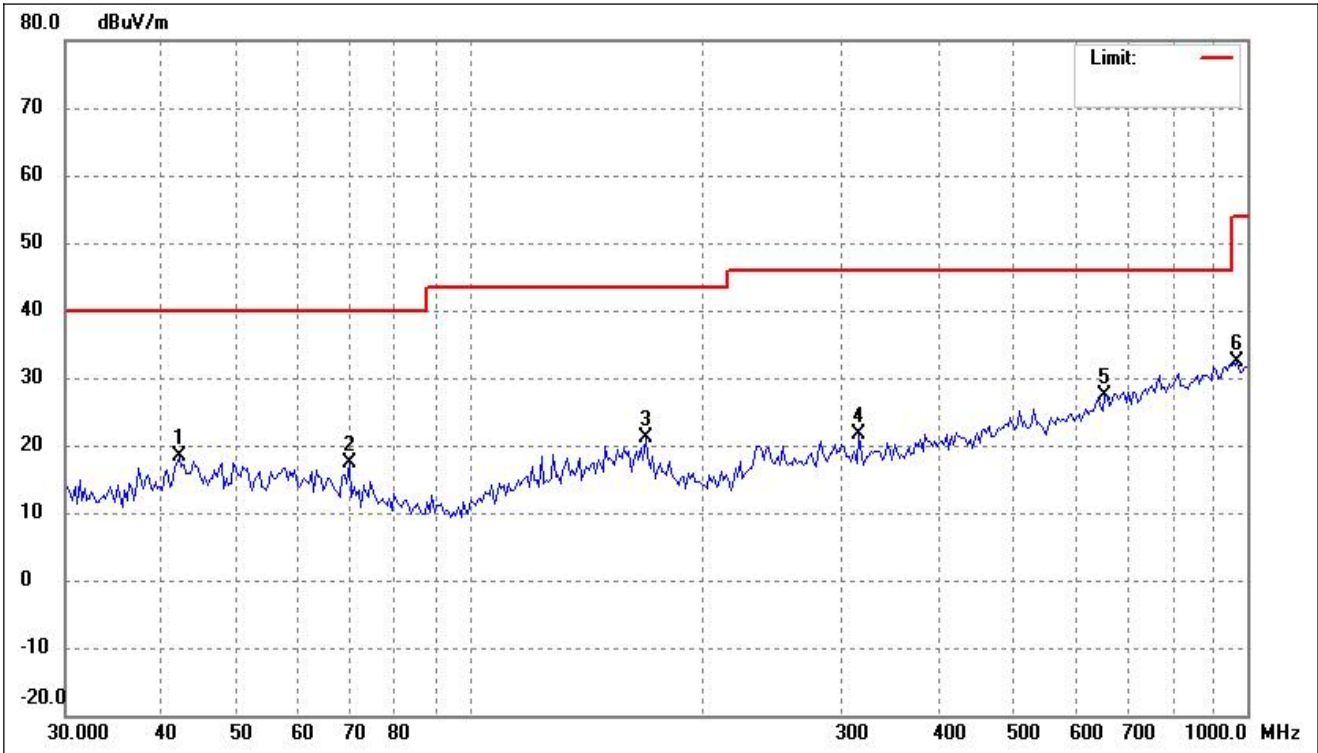
802.11a(worst case)			
Test Channel	5320MHz(worst case)	Polarity:	Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	43.8452	29.75	-9.16	20.59	40.00	-19.41	-	-	peak
2	74.2696	32.97	-11.92	21.05	40.00	-18.95	-	-	peak
3	148.9175	32.36	-8.91	23.45	43.50	-20.05	-	-	peak
4	300.6988	30.15	-7.73	22.42	46.00	-23.58	-	-	peak
5	550.2902	29.96	-3.78	26.18	46.00	-19.82	-	-	peak
6	781.9606	29.95	0.71	30.66	46.00	-15.34	-	-	peak

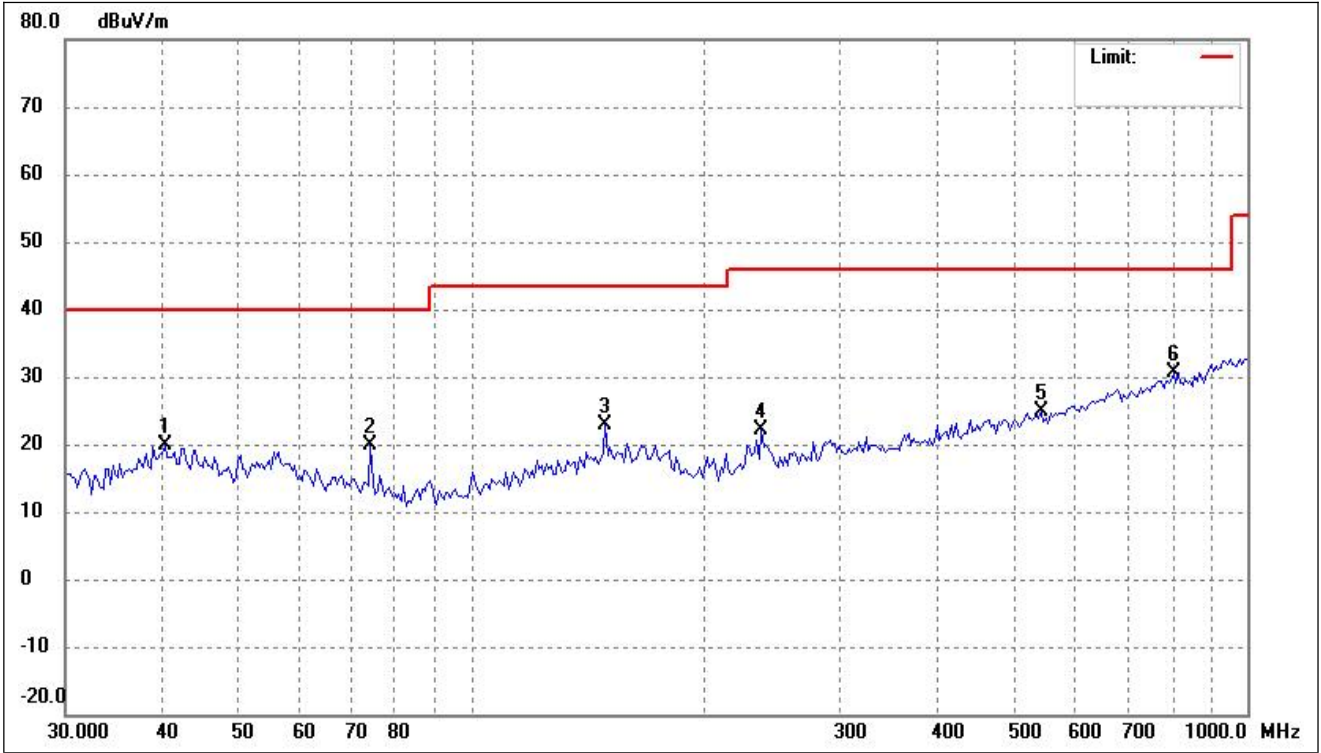
➤ 5470-5725MHz

802.11a(worst case)			
Test Channel	5500MHz(worst case)	Polarity:	Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	42.0350	27.72	-9.39	18.33	40.00	-21.67	-	-	peak
2	69.7179	28.37	-11.09	17.28	40.00	-22.72	-	-	peak
3	167.8136	29.89	-8.76	21.13	43.50	-22.37	-	-	peak
4	315.8601	29.12	-7.37	21.75	46.00	-24.25	-	-	peak
5	655.9766	28.64	-1.30	27.34	46.00	-18.66	-	-	peak
6	972.2827	29.51	2.98	32.49	54.00	-21.51	-	-	peak

802.11a(worst case)			
Test Channel	5500MHz(worst case)	Polarity:	Vertical

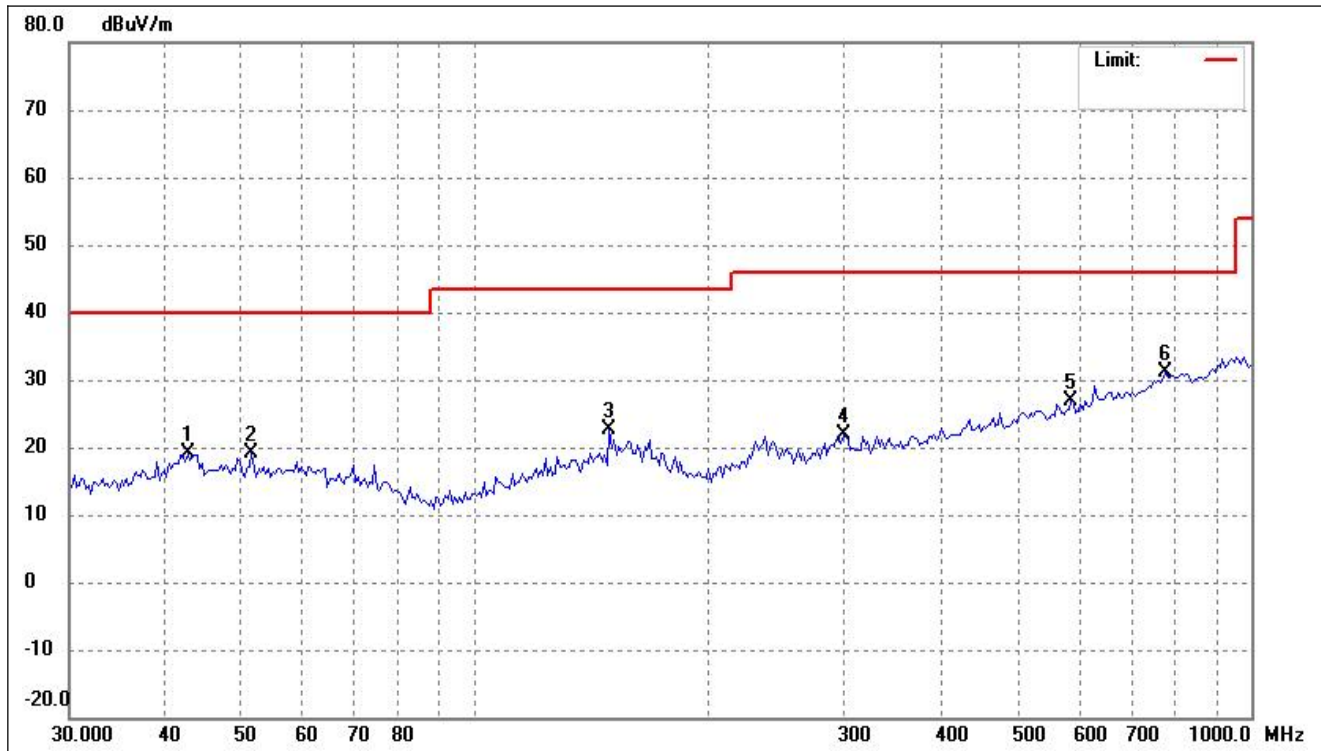


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	40.2995	29.53	-9.55	19.98	40.00	-20.02	-	-	peak
2	74.2696	31.83	-11.92	19.91	40.00	-20.09	-	-	peak
3	148.9175	31.74	-8.91	22.83	43.50	-20.67	-	-	peak
4	236.7928	32.38	-10.18	22.20	46.00	-23.80	-	-	peak
5	542.6104	28.61	-3.81	24.80	46.00	-21.20	-	-	peak
6	804.2523	29.58	1.01	30.59	46.00	-15.41	-	-	peak

➤ 5725-5850MHz

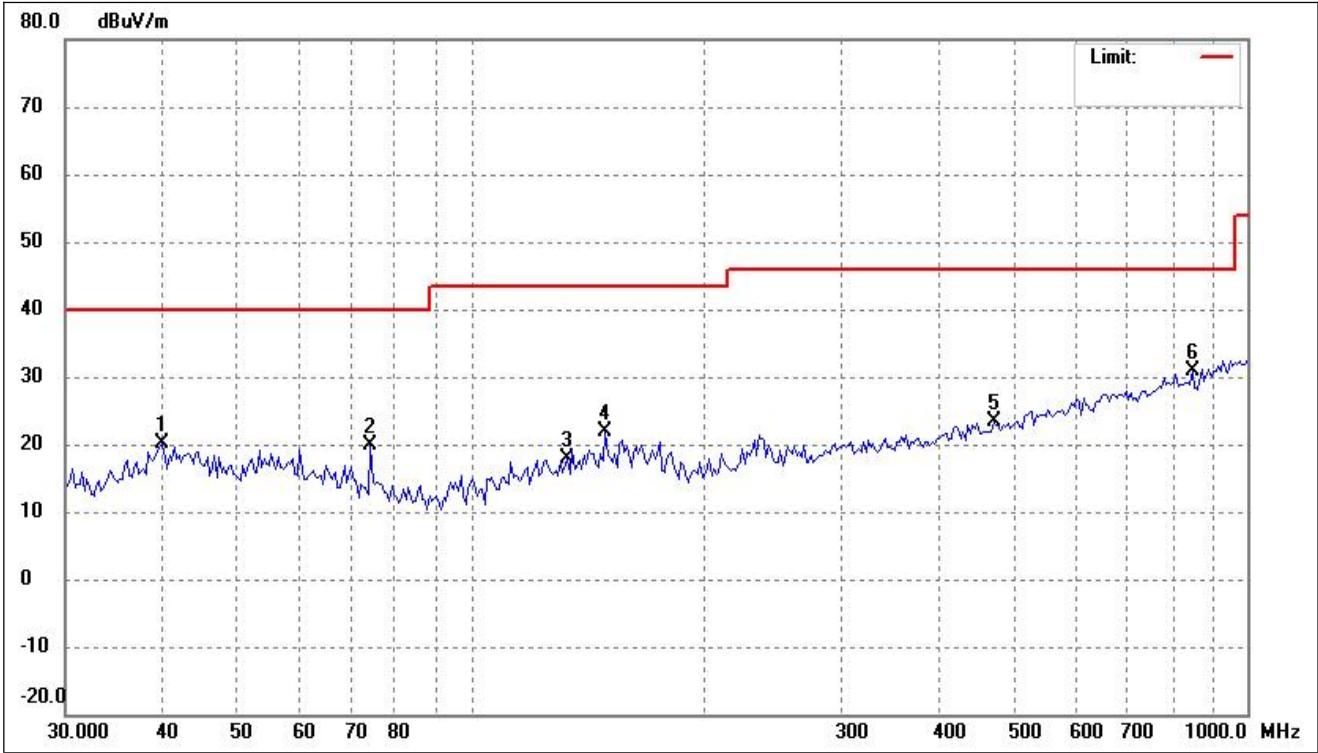
802.11a(worst case)

Test Channel	5745MHz(worst case)	Polarity:	Horizontal
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No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	42.6299	28.36	-9.30	19.06	40.00	-20.94	-	-	peak
2	51.5365	28.20	-8.99	19.21	40.00	-20.79	-	-	peak
3	148.9175	31.55	-8.91	22.64	43.50	-20.86	-	-	peak
4	298.5932	29.61	-7.76	21.85	46.00	-24.15	-	-	peak
5	586.2172	29.34	-2.48	26.86	46.00	-19.14	-	-	peak
6	776.4849	30.44	0.63	31.07	46.00	-14.93	-	-	peak

802.11a(worst case)			
Test Channel	5745MHz(worst case)	Polarity:	Vertical

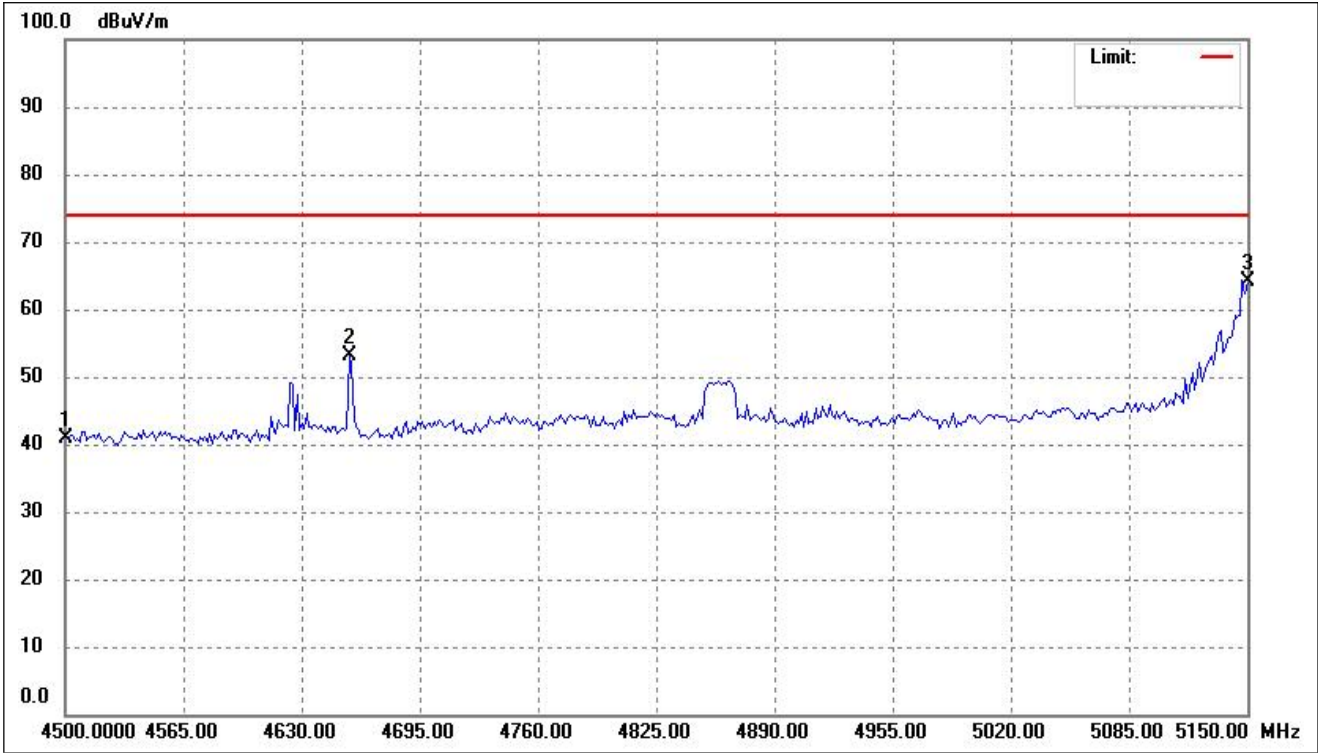


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	40.0173	29.81	-9.57	20.24	40.00	-19.76	-	-	peak
2	74.2696	31.86	-11.92	19.94	40.00	-20.06	-	-	peak
3	133.0809	27.70	-9.85	17.85	43.50	-25.65	-	-	peak
4	148.9175	30.80	-8.91	21.89	43.50	-21.61	-	-	peak
5	471.4665	28.31	-4.87	23.44	46.00	-22.56	-	-	peak
6	850.7603	29.92	0.97	30.89	46.00	-15.11	-	-	peak

Remark: ‘-’Means’ the test Degree and Height are not recorded by the test software and only show the worst case in the test report.

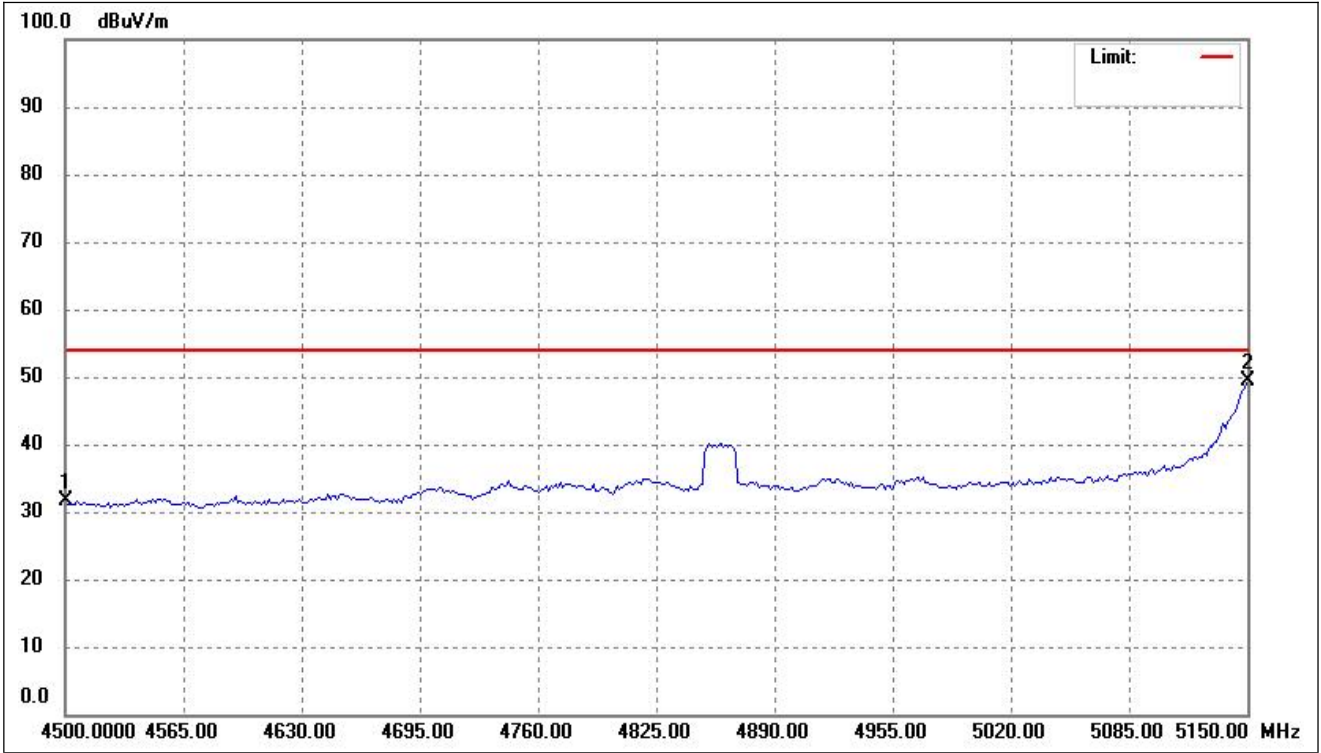
- Spurious Emission above 1GHz
- Antenna 1(worst case)

802.11a- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Vertical(worst case)



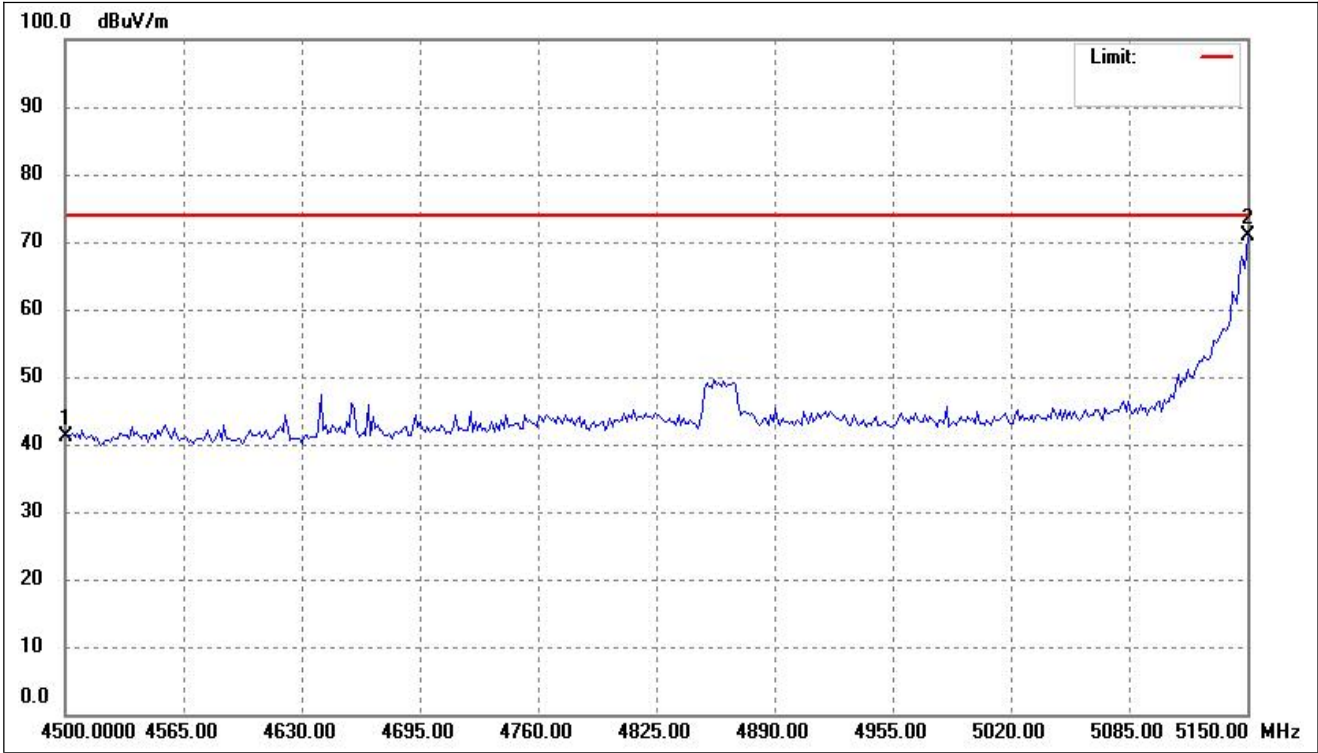
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	54.44	-13.60	40.84	74.00	-33.16	-	-	peak
2	4656.313	66.49	-13.40	53.09	74.00	-20.91	-	-	peak
3	5150.000	76.32	-12.21	64.11	74.00	-9.89	-	-	peak

802.11a- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Vertical(worst case)



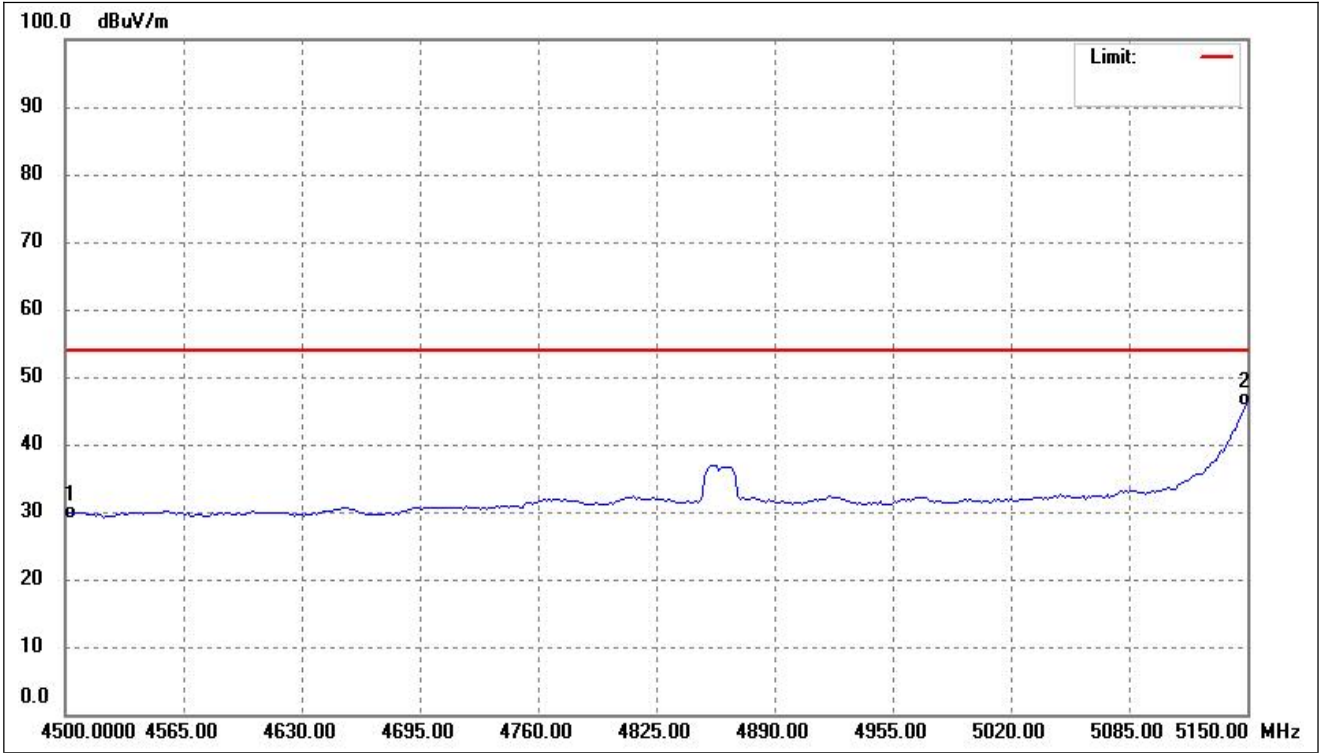
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	45.29	-13.60	31.69	54.00	-22.31	-	-	AVG
2	5150.000	61.64	-12.21	49.43	54.00	-4.57	-	-	AVG

802.11n-HT20- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Vertical(worst case)



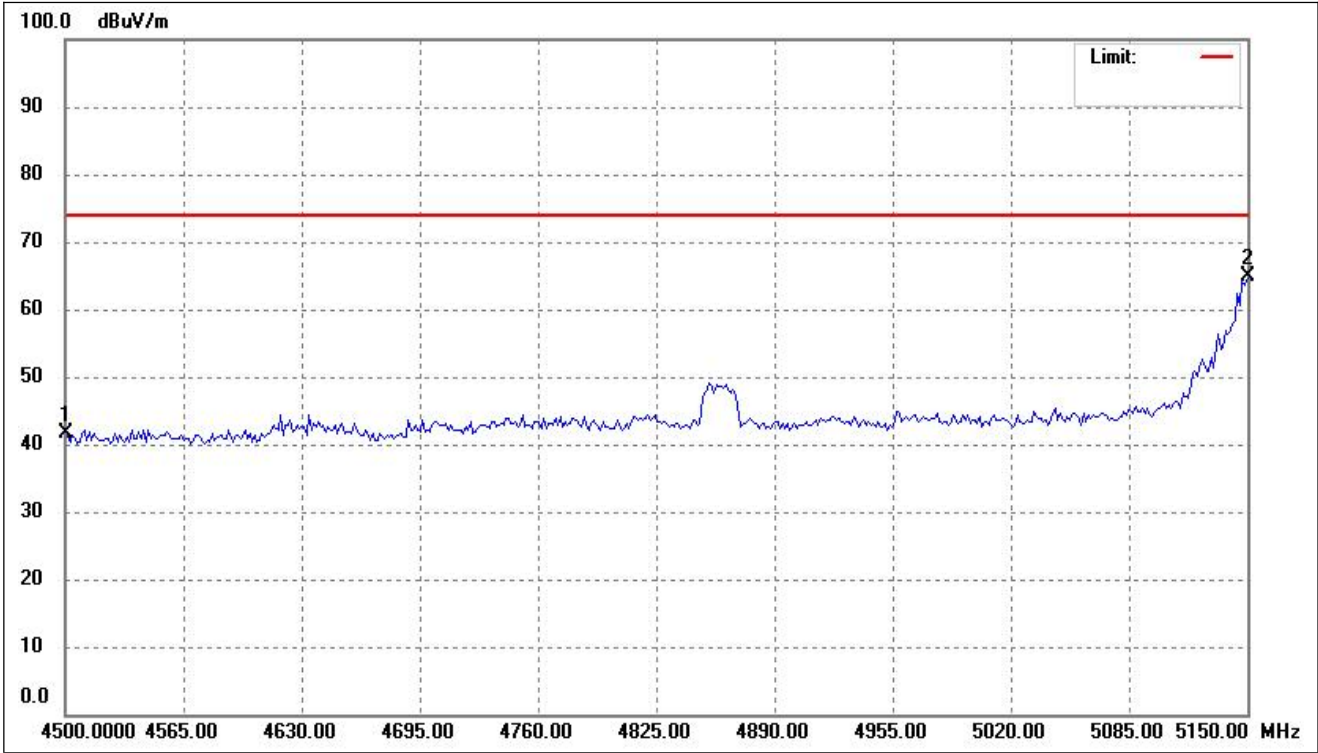
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	54.73	-13.60	41.13	74.00	-32.87	-	-	peak
2	5150.000	83.03	-12.21	70.82	74.00	-3.18	-	-	peak

802.11n-HT20- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Vertical(worst case)



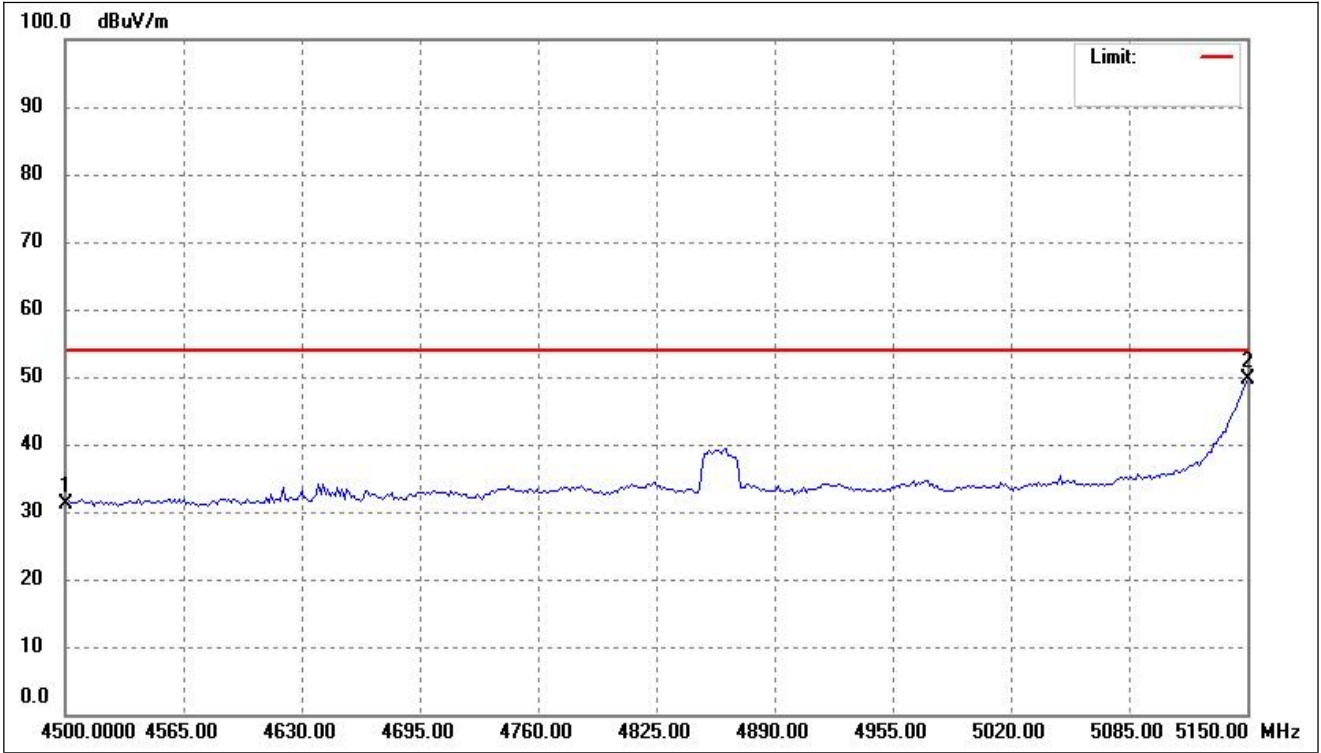
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	43.52	-13.60	29.92	54.00	-24.08	-	-	AVG
2	5150.000	58.74	-12.21	46.53	54.00	-7.47	-	-	AVG

802.11be-EHT20- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Vertical(worst case)



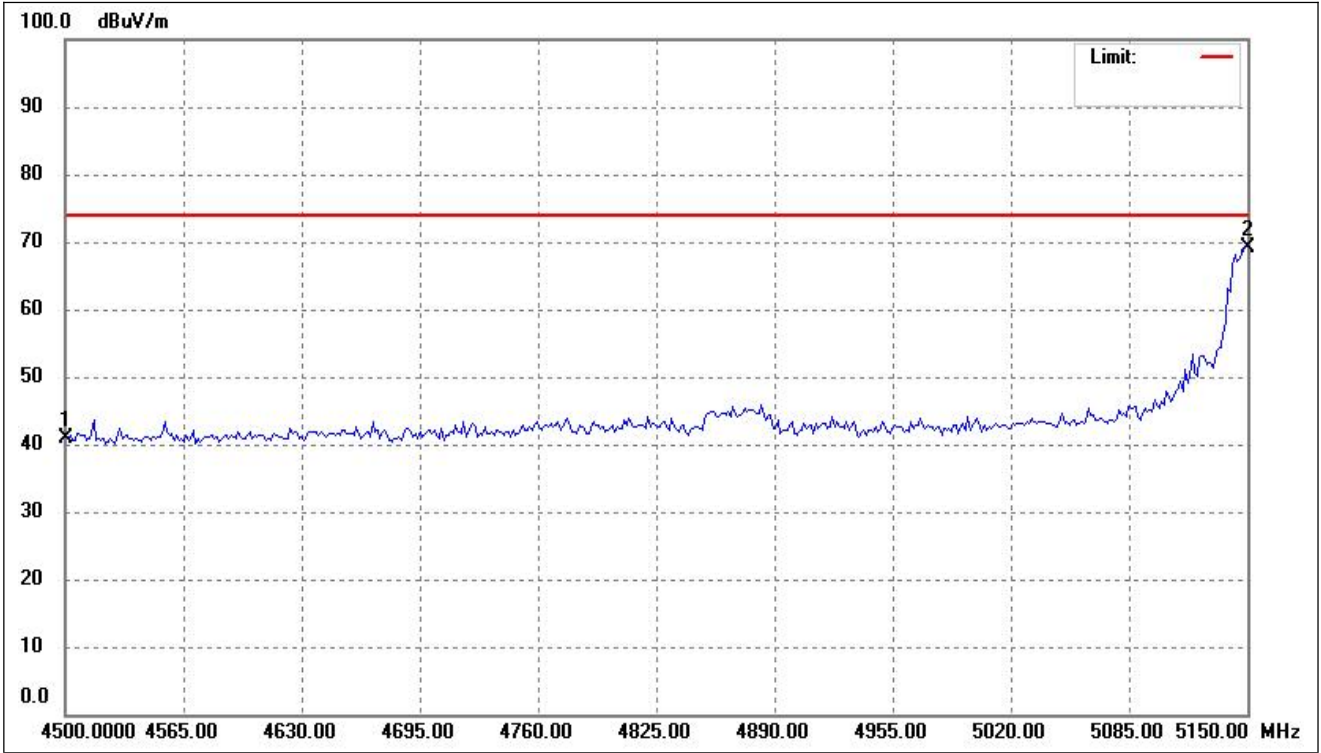
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	55.14	-13.60	41.54	74.00	-32.46	-	-	peak
2	5150.000	77.17	-12.21	64.96	74.00	-9.04	-	-	peak

802.11be-EHT20- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Vertical(worst case)



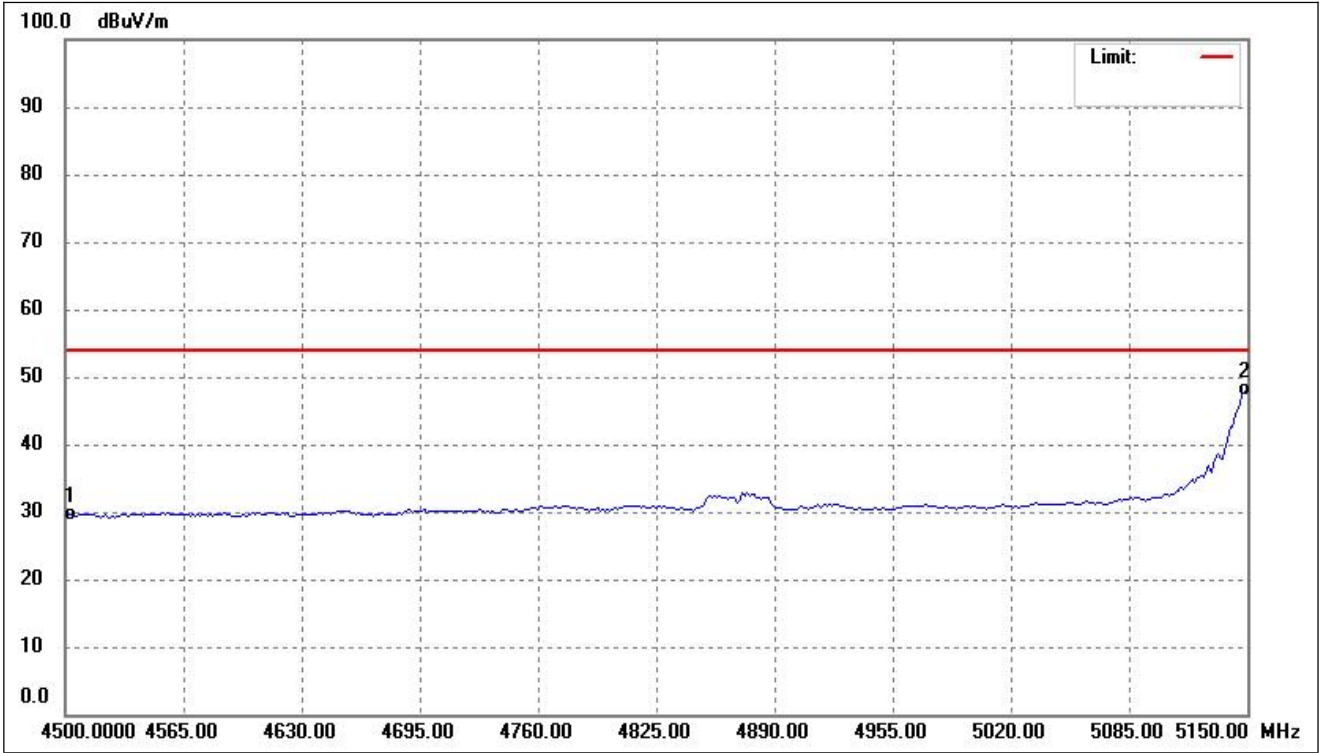
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	44.76	-13.60	31.16	54.00	-22.84	-	-	AVG
2	5150.000	61.90	-12.21	49.69	54.00	-4.31	-	-	AVG

802.11n-HT40- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Vertical(worst case)



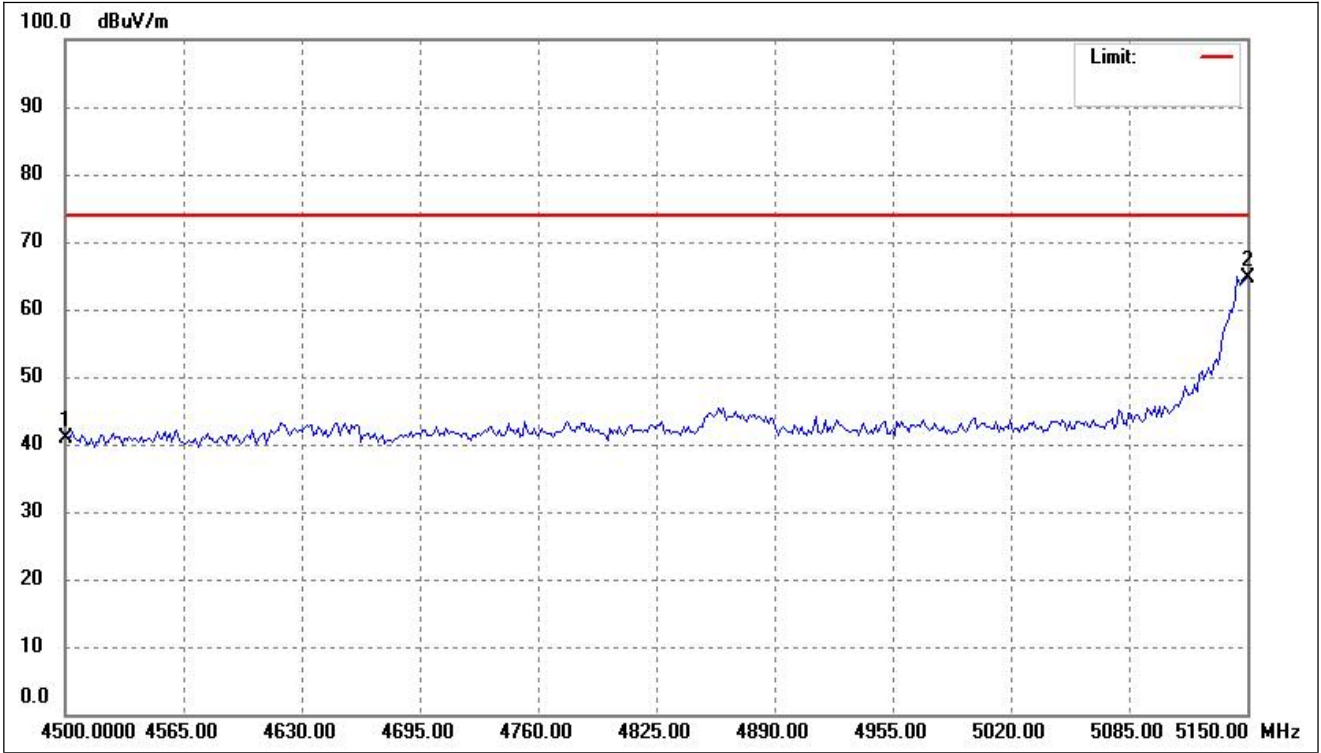
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	54.46	-13.60	40.86	74.00	-33.14	-	-	peak
2	5150.000	81.24	-12.21	69.03	74.00	-4.97	-	-	peak

802.11n-HT40- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Vertical(worst case)



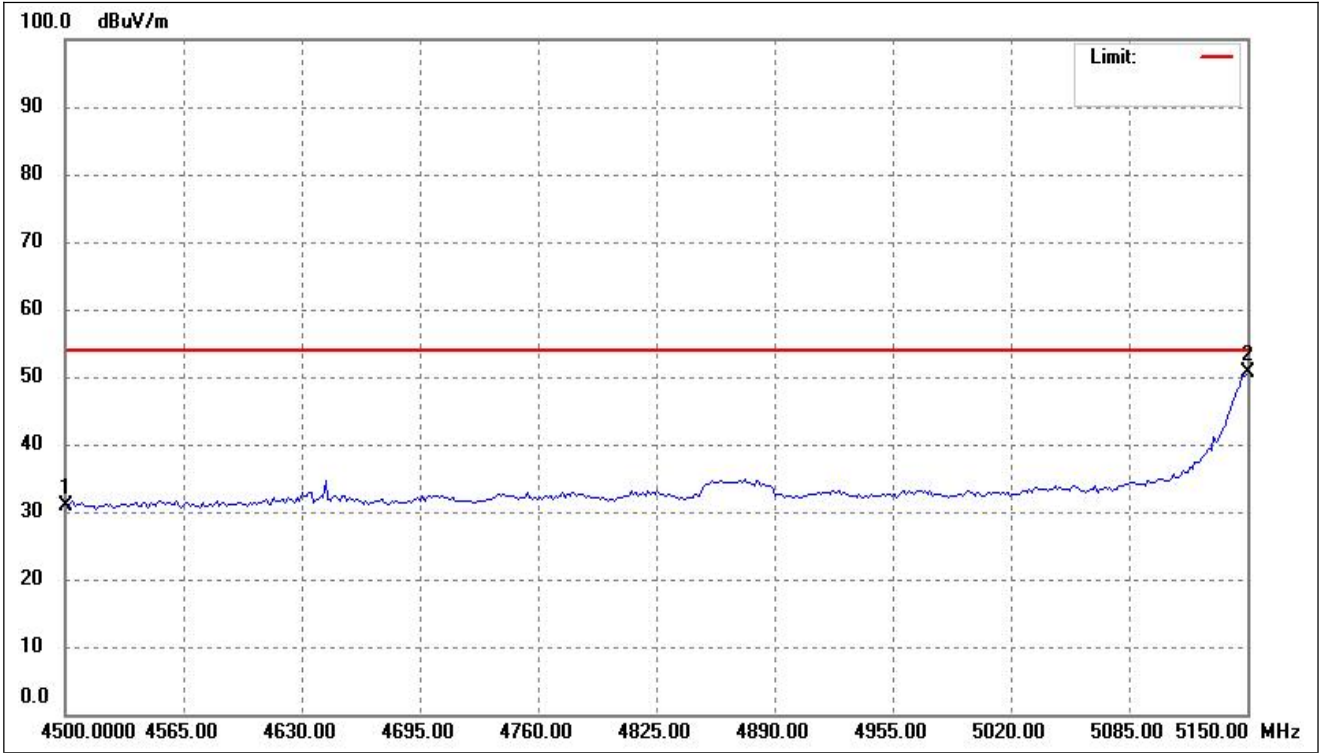
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	43.12	-13.60	29.52	54.00	-24.48	-	-	AVG
2	5150.000	60.46	-12.21	48.25	54.00	-5.75	-	-	AVG

802.11ax-HE40- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Vertical(worst case)



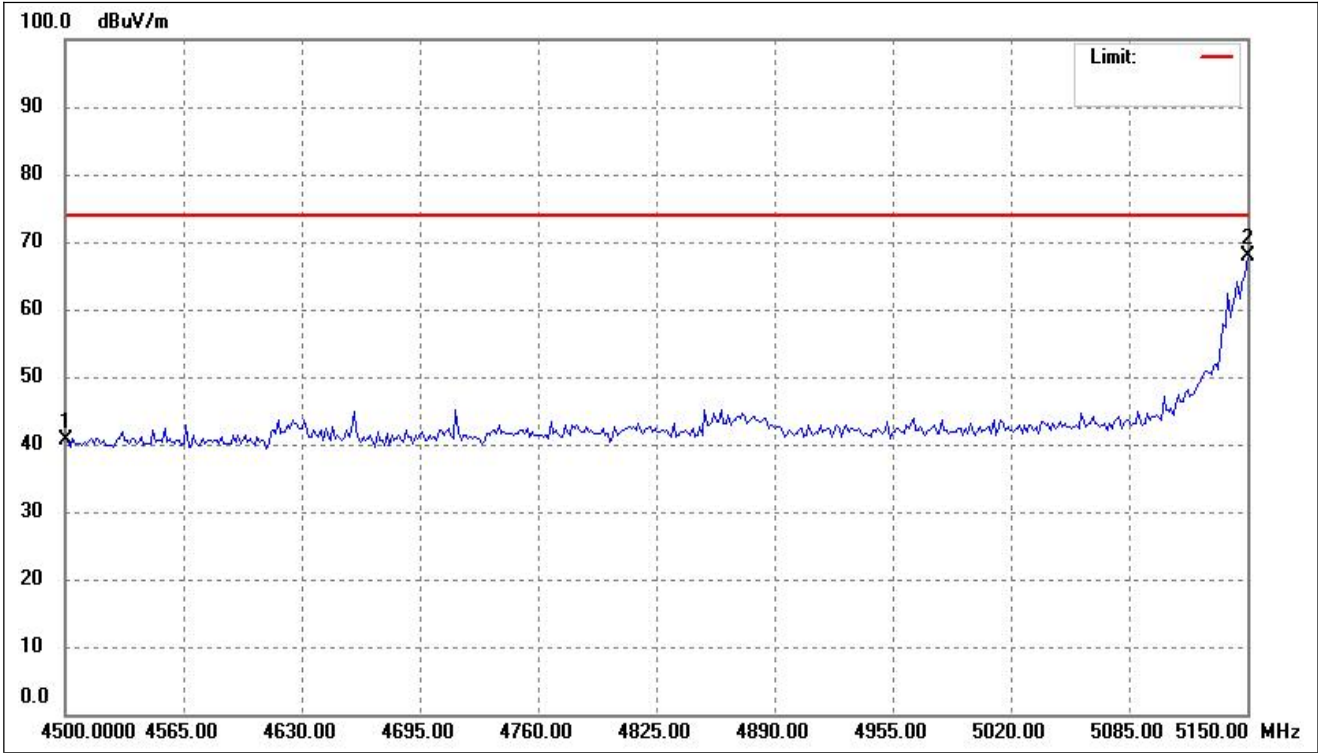
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	54.43	-13.60	40.83	74.00	-33.17	-	-	peak
2	5150.000	76.80	-12.21	64.59	74.00	-9.41	-	-	peak

802.11ax-HE40- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Vertical(worst case)



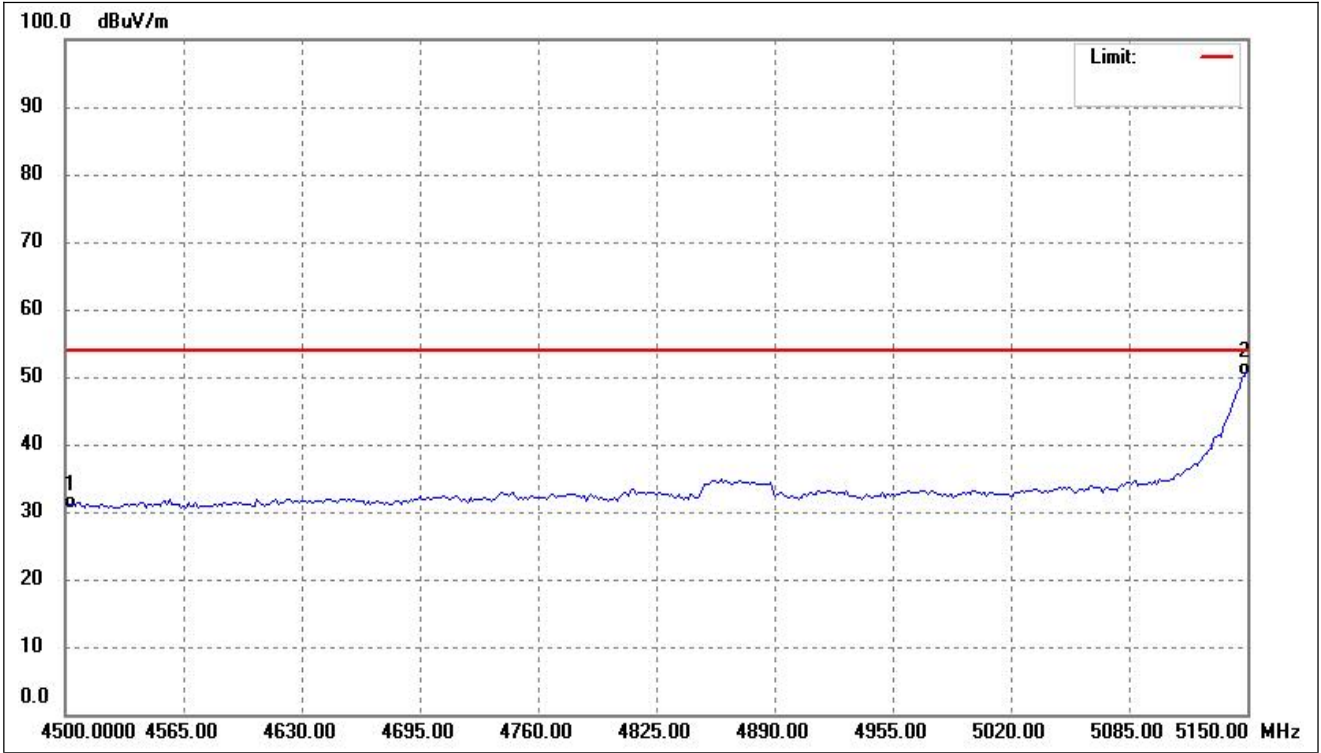
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	44.59	-13.60	30.99	54.00	-23.01	-	-	AVG
2	5150.000	62.88	-12.21	50.67	54.00	-3.33	-	-	AVG

802.11be-EHT40- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Vertical(worst case)



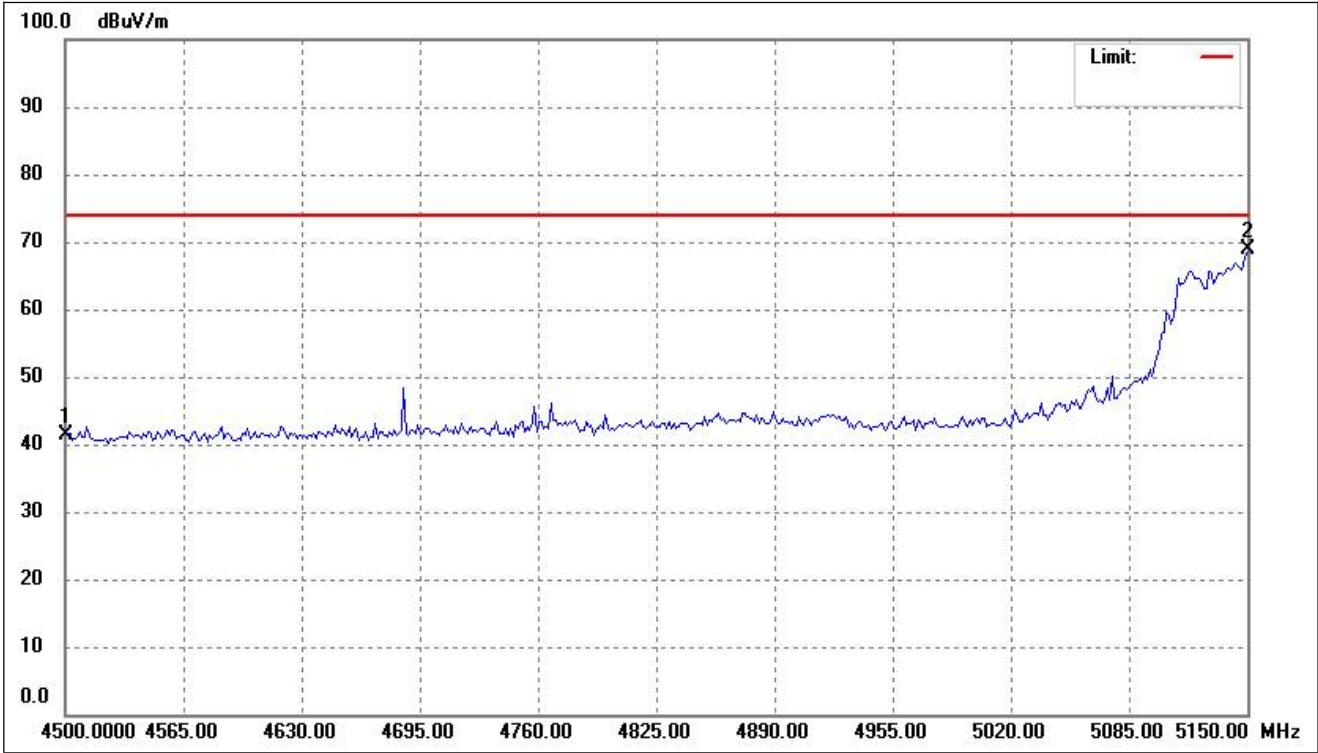
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	54.14	-13.60	40.54	74.00	-33.46	-	-	peak
2	5150.000	79.99	-12.21	67.78	74.00	-6.22	-	-	peak

802.11be-EHT40- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Vertical(worst case)



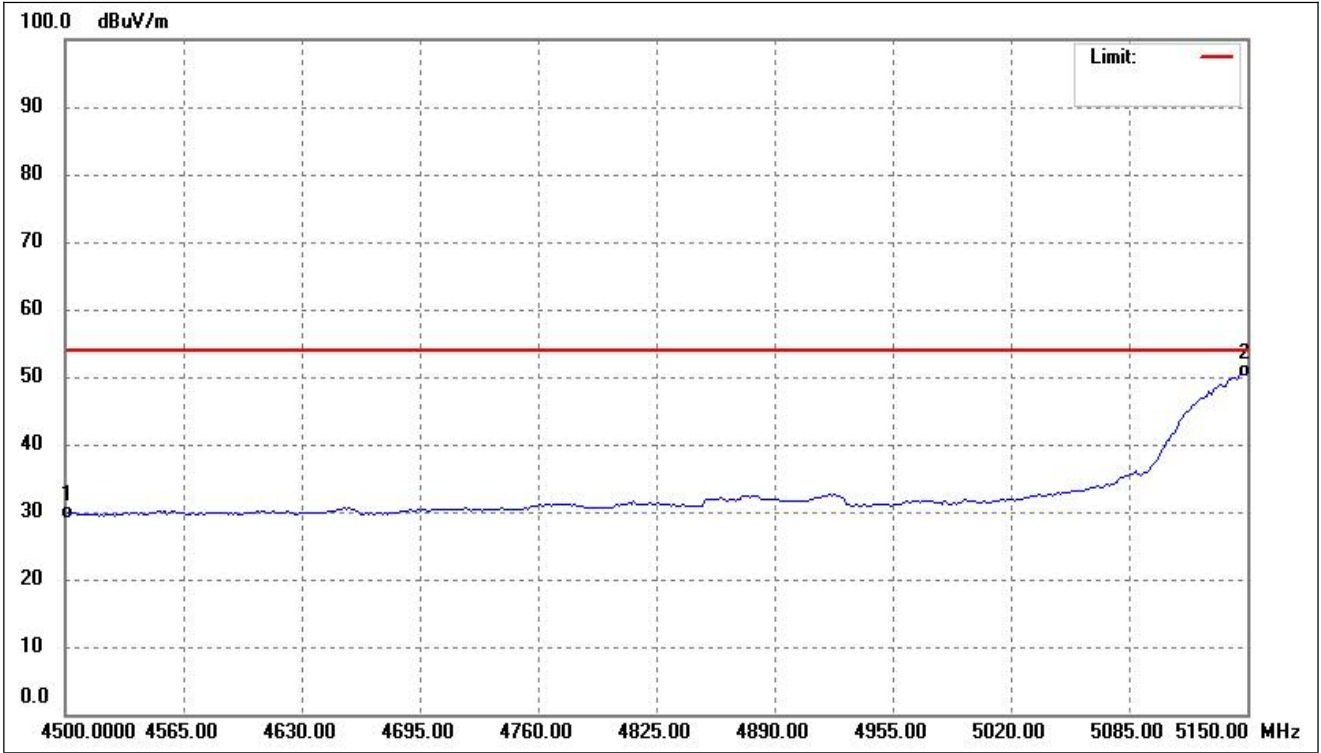
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	44.87	-13.60	31.27	54.00	-22.73	-	-	AVG
2	5150.000	63.26	-12.21	51.05	54.00	-2.95	-	-	AVG

802.11be-EHT80- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Vertical(worst case)



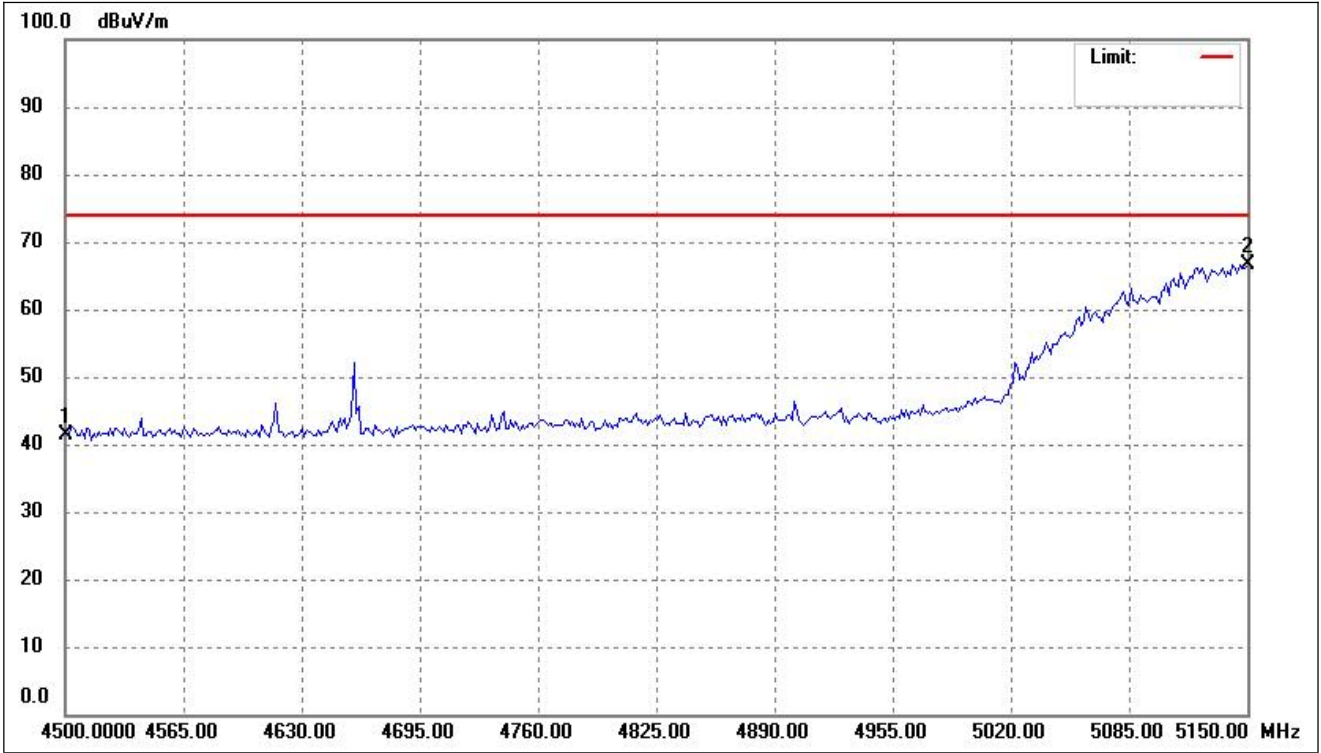
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	55.04	-13.60	41.44	74.00	-32.56	-	-	peak
2	5150.000	81.05	-12.21	68.84	74.00	-5.16	-	-	peak

802.11be-EHT80- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Vertical(worst case)



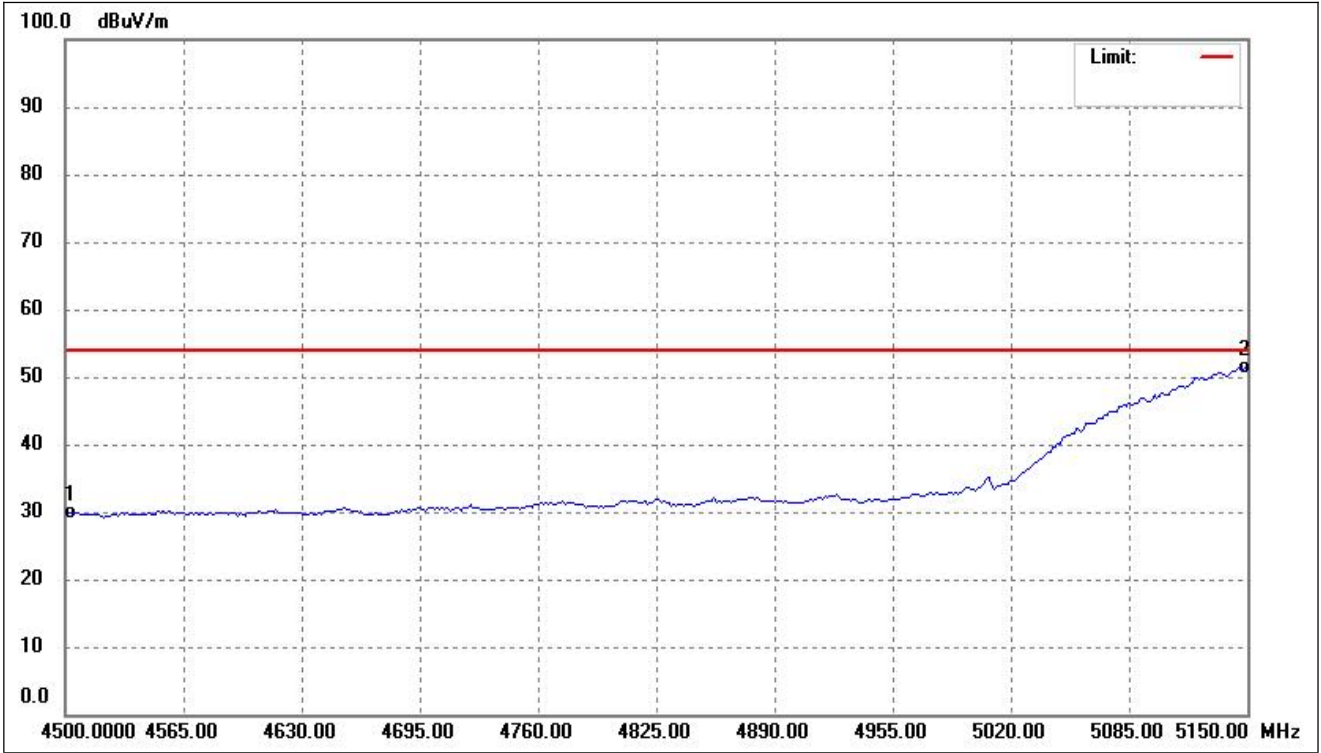
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	43.42	-13.60	29.82	54.00	-24.18	-	-	AVG
2	5150.000	63.11	-12.21	50.90	54.00	-3.10	-	-	AVG

802.11be-EHT160- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Vertical(worst case)



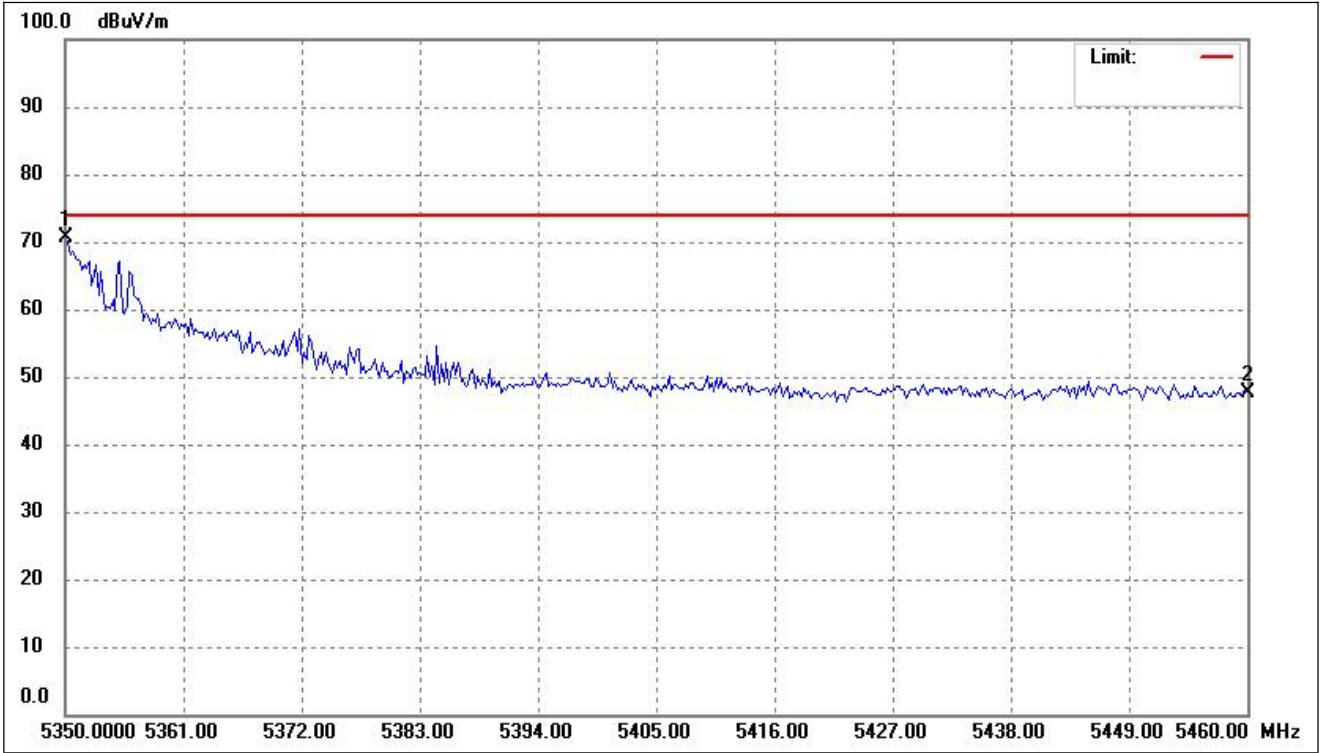
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	55.09	-13.60	41.49	74.00	-32.51	-	-	peak
2	5150.000	78.75	-12.21	66.54	74.00	-7.46	-	-	peak

802.11be-EHT160- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Vertical(worst case)



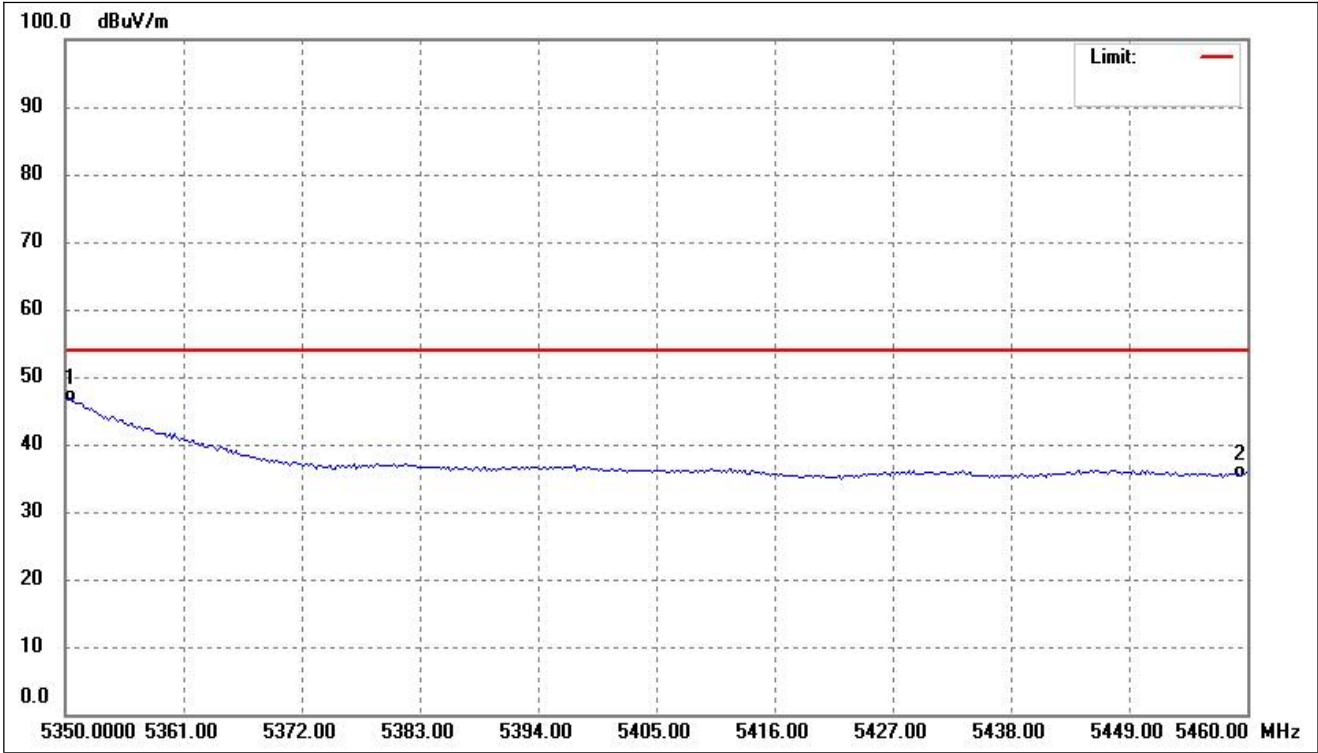
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	4500.000	43.52	-13.60	29.92	54.00	-24.08	-	-	AVG
2	5150.000	63.51	-12.21	51.30	54.00	-2.70	-	-	AVG

802.11a- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Vertical(worst case)



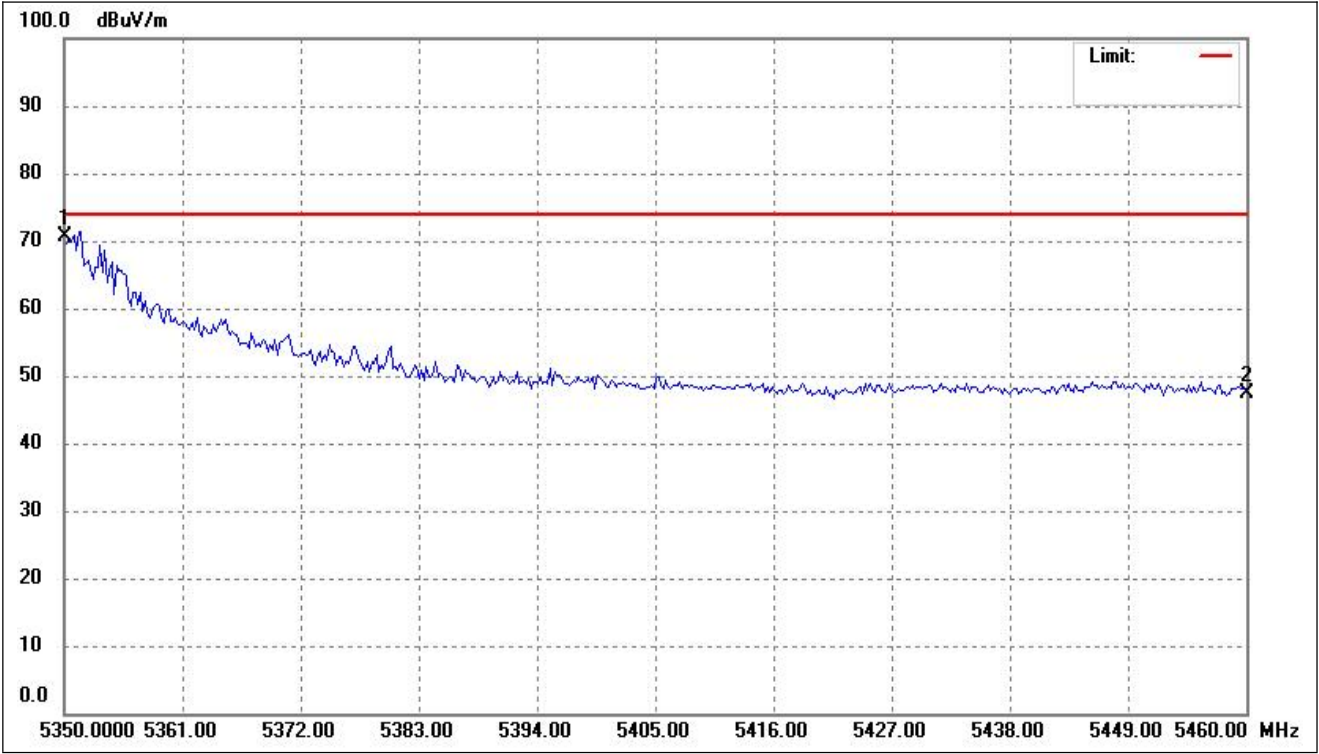
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	81.91	-11.17	70.74	74.00	-3.26	-	-	peak
2	5460.000	58.25	-10.61	47.64	74.00	-26.36	-	-	peak

802.11a- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Vertical(worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	58.18	-11.17	47.01	54.00	-6.99	-	-	AVG
2	5460.000	46.38	-10.61	35.77	54.00	-18.23	-	-	AVG

802.11n-HT20- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Vertical(worst case)



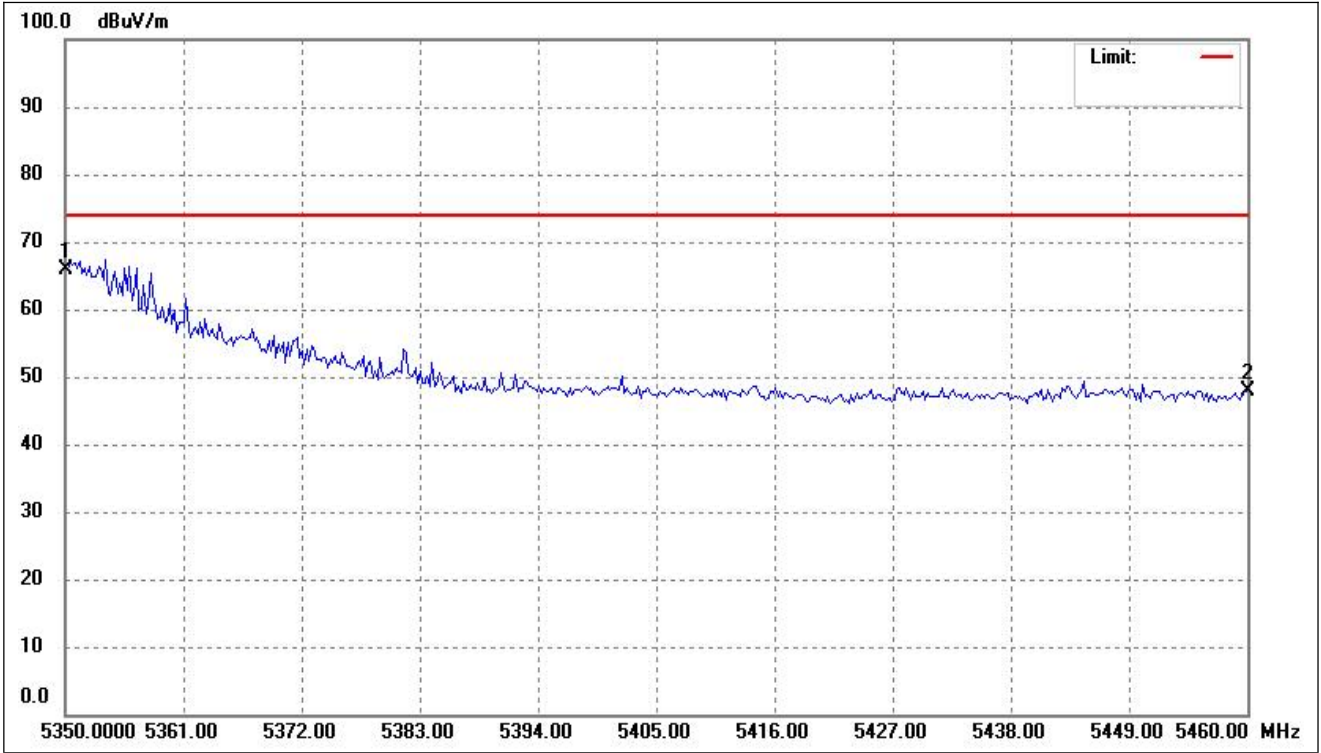
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	81.68	-11.17	70.51	74.00	-3.49	-	-	peak
2	5460.000	58.06	-10.61	47.45	74.00	-26.55	-	-	peak

802.11n-HT20- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Vertical(worst case)



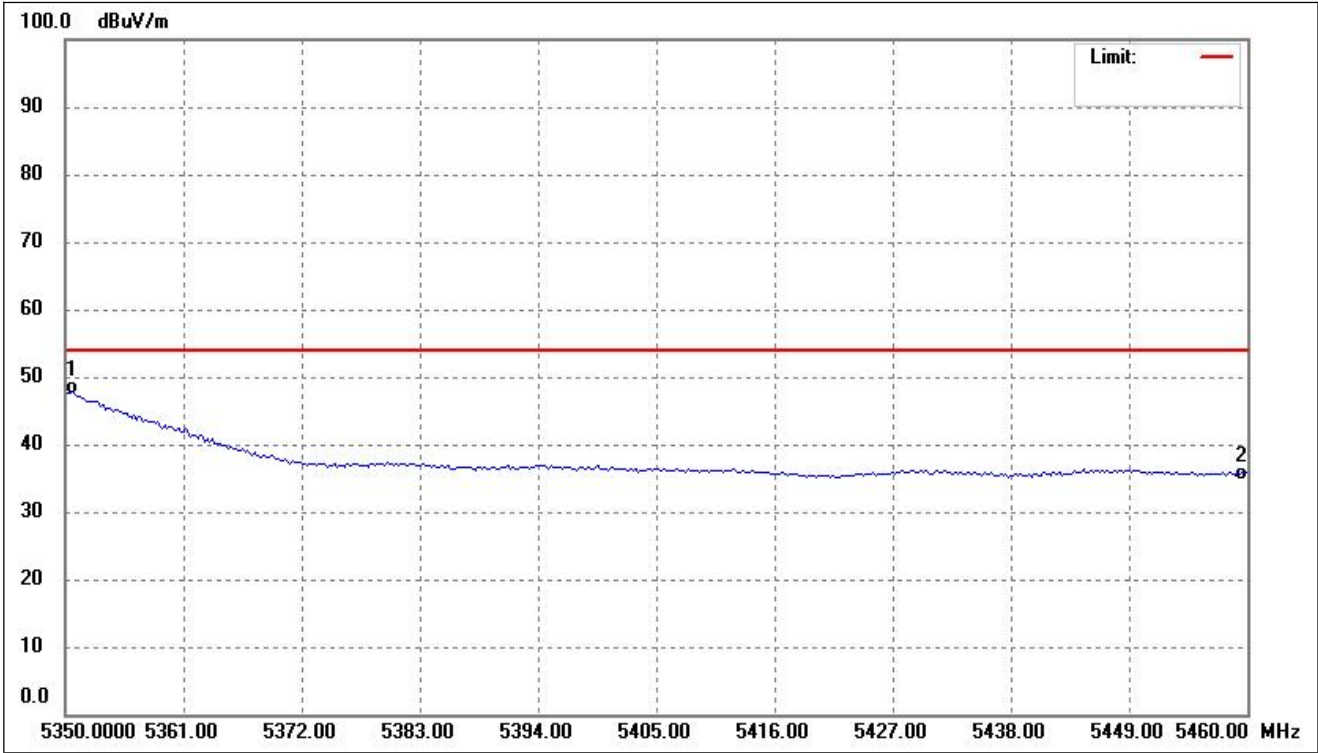
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	58.78	-11.17	47.61	54.00	-6.39	-	-	AVG
2	5460.000	46.38	-10.61	35.77	54.00	-18.23	-	-	AVG

802.11be-EHT20- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Vertical(worst case)



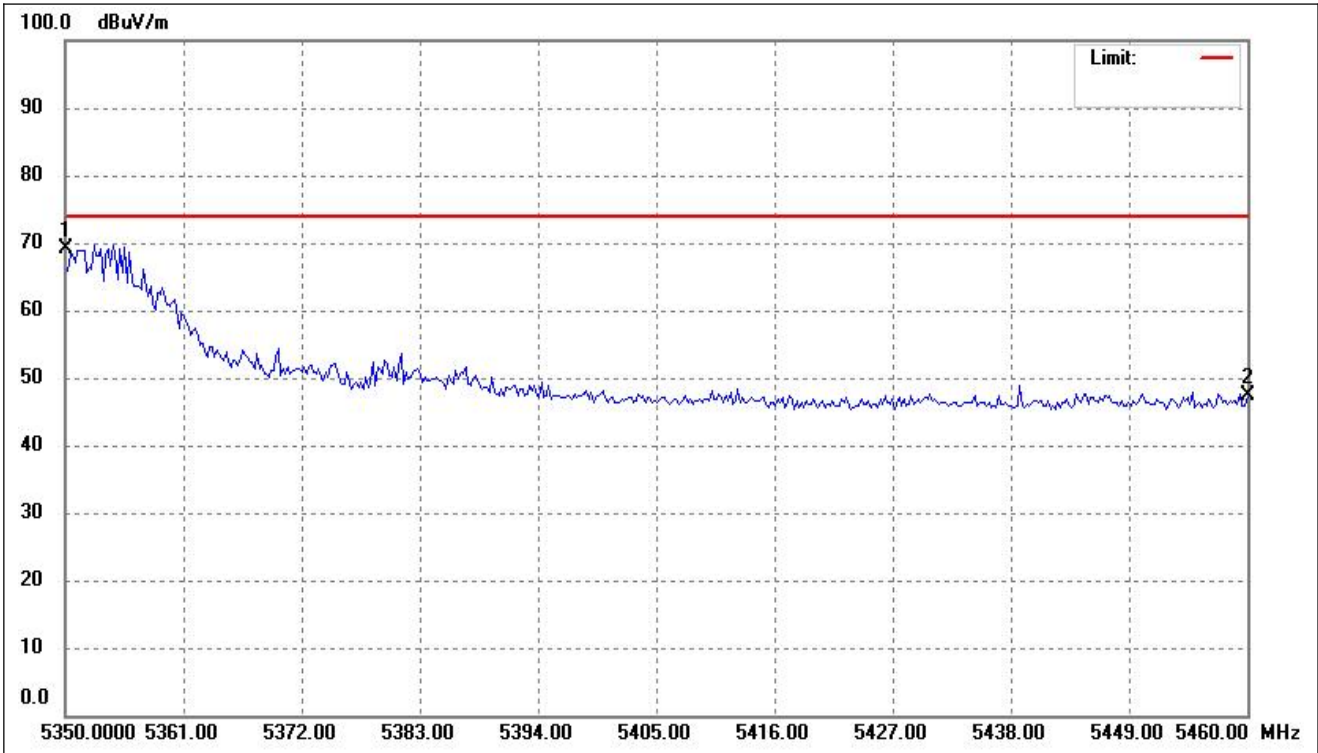
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	76.94	-11.17	65.77	74.00	-8.23	-	-	peak
2	5460.000	58.40	-10.61	47.79	74.00	-26.21	-	-	peak

802.11be-EHT20- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Vertical(worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	59.53	-11.17	48.36	54.00	-5.64	-	-	AVG
2	5460.000	46.24	-10.61	35.63	54.00	-18.37	-	-	AVG

802.11n-HT40- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Vertical(worst case)



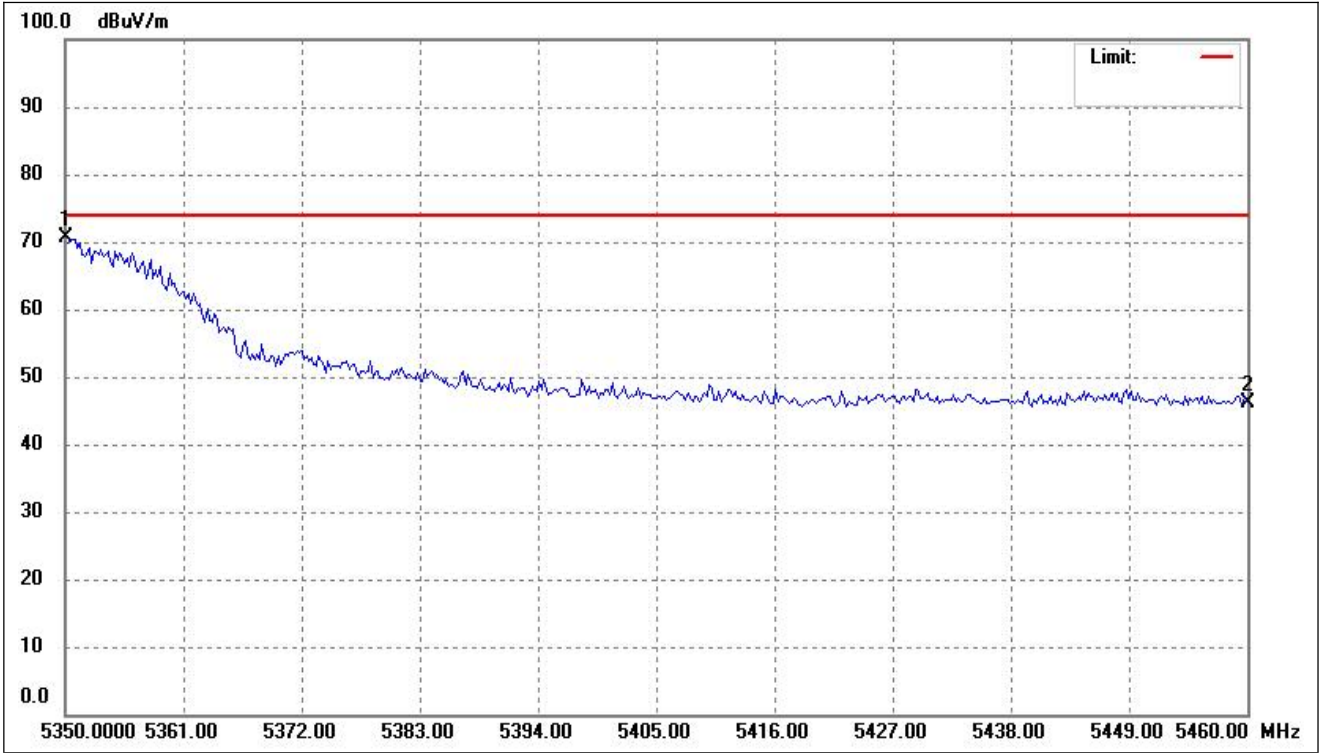
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	80.27	-11.17	69.10	74.00	-4.90	-	-	peak
2	5460.000	58.06	-10.61	47.45	74.00	-26.55	-	-	peak

802.11n-HT40- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Vertical(worst case)



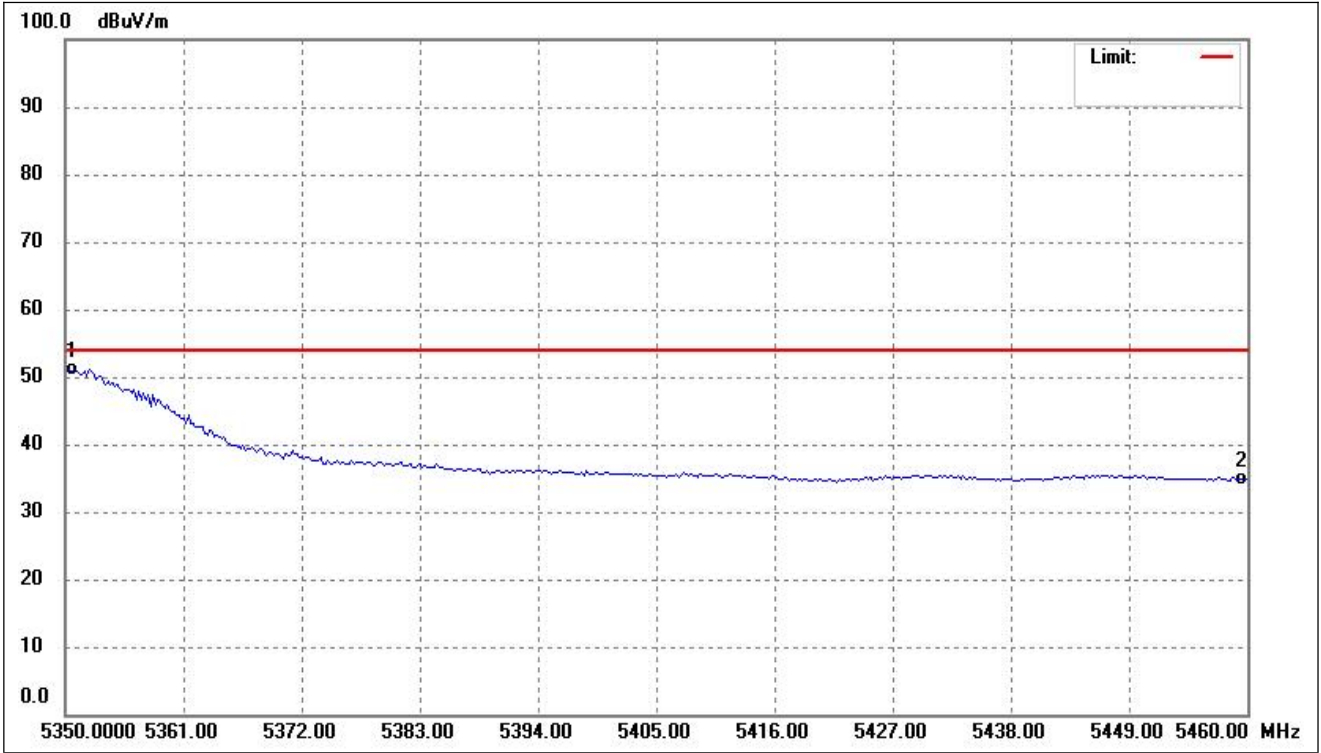
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	57.78	-11.17	46.61	54.00	-7.39	-	-	AVG
2	5460.000	44.61	-10.61	34.00	54.00	-20.00	-	-	AVG

802.11ax-HE40- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Vertical(worst case)



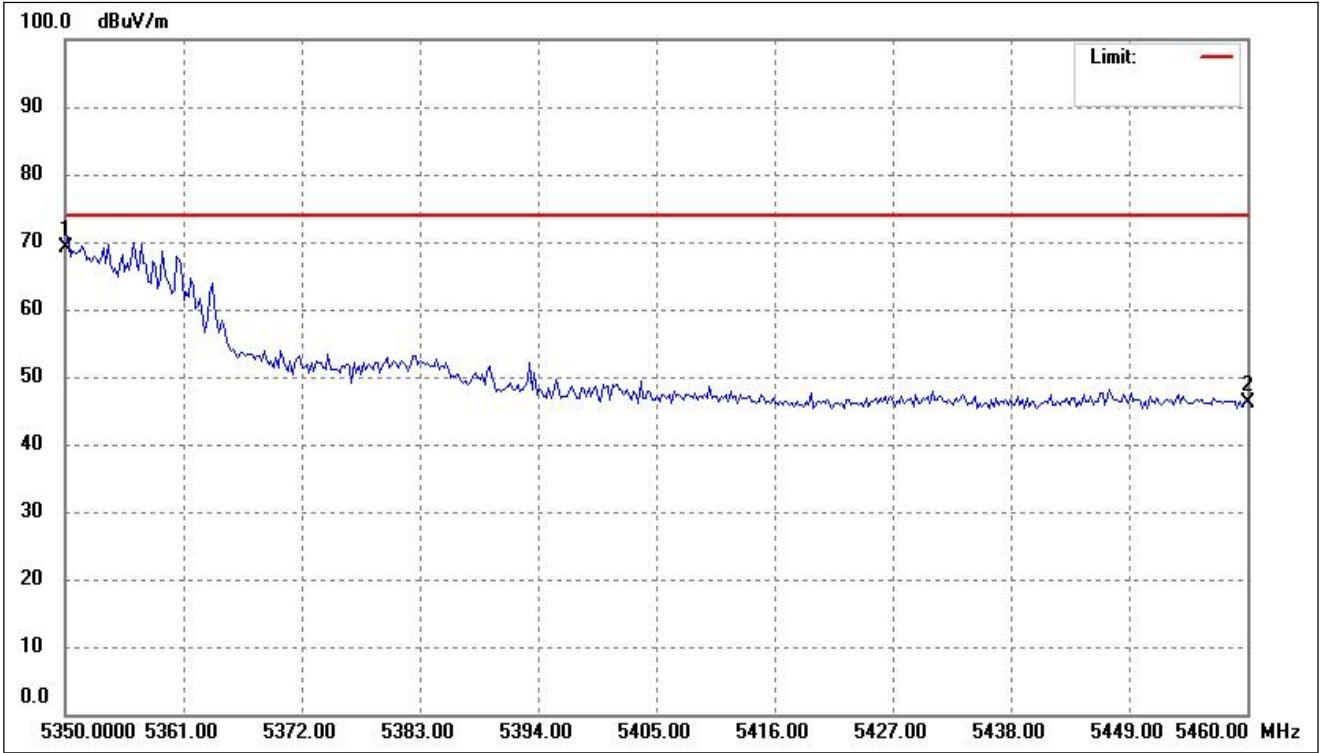
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	81.83	-11.17	70.66	74.00	-3.34	-	-	peak
2	5460.000	56.82	-10.61	46.21	74.00	-27.79	-	-	peak

802.11ax-HE40- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Vertical(worst case)



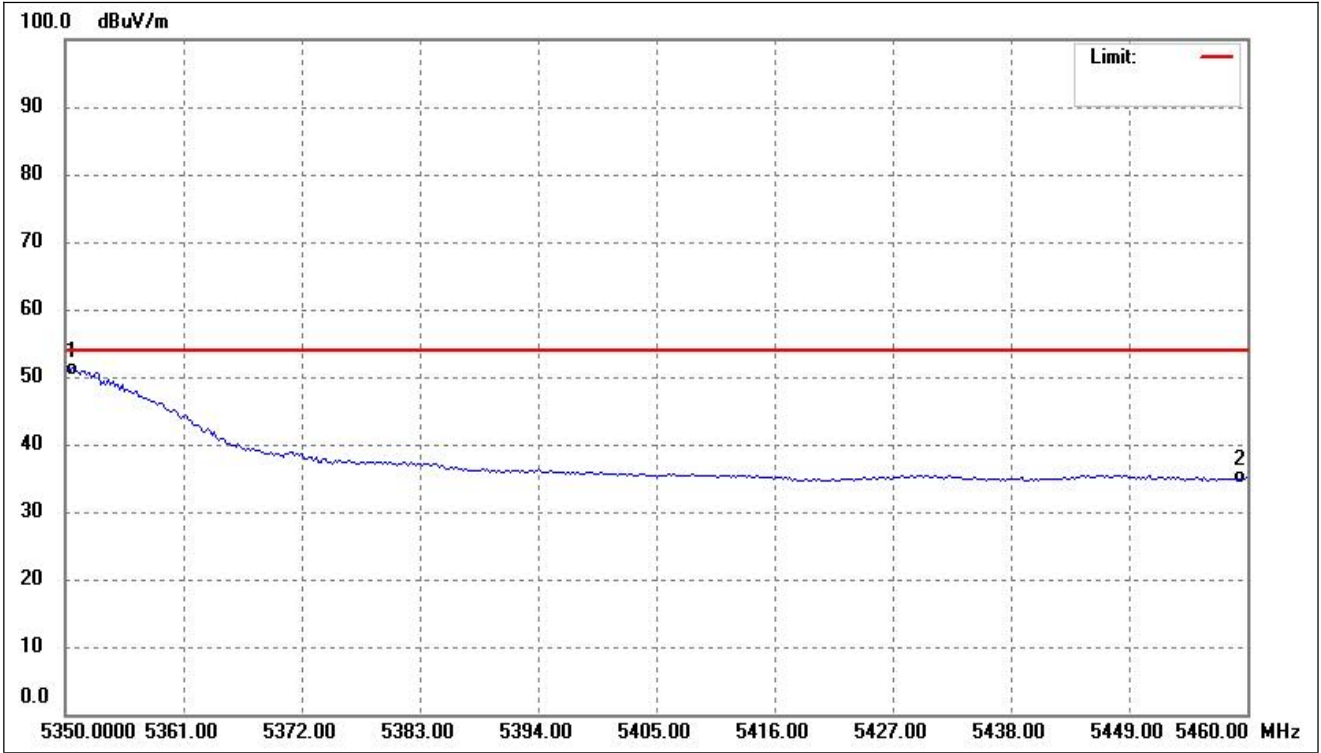
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	62.29	-11.17	51.12	54.00	-2.88	-	-	AVG
2	5460.000	45.50	-10.61	34.89	54.00	-19.11	-	-	AVG

802.11be-EHT40- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Vertical(worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	80.42	-11.17	69.25	74.00	-4.75	-	-	peak
2	5460.000	56.86	-10.61	46.25	74.00	-27.75	-	-	peak

802.11be-EHT40- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Vertical(worst case)



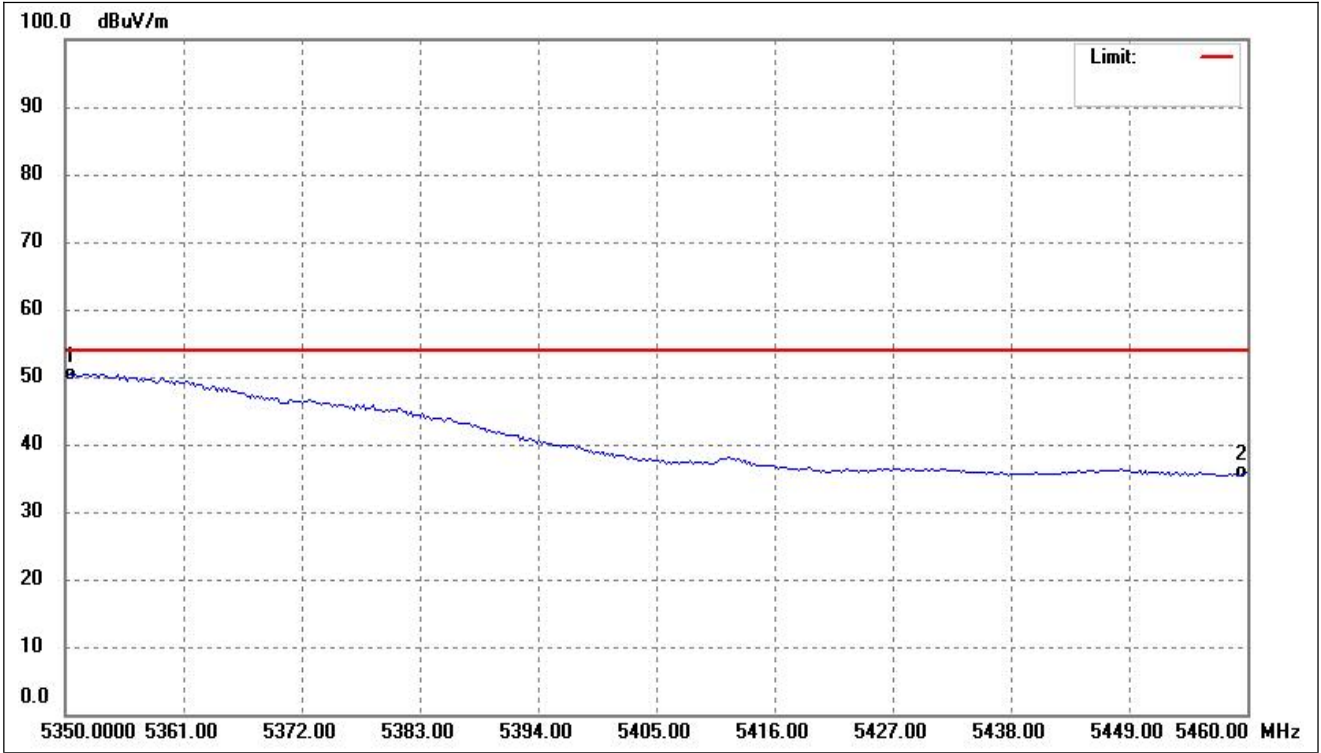
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	62.40	-11.17	51.23	54.00	-2.77	-	-	AVG
2	5460.000	45.65	-10.61	35.04	54.00	-18.96	-	-	AVG

802.11be-EHT80- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Vertical(worst case)



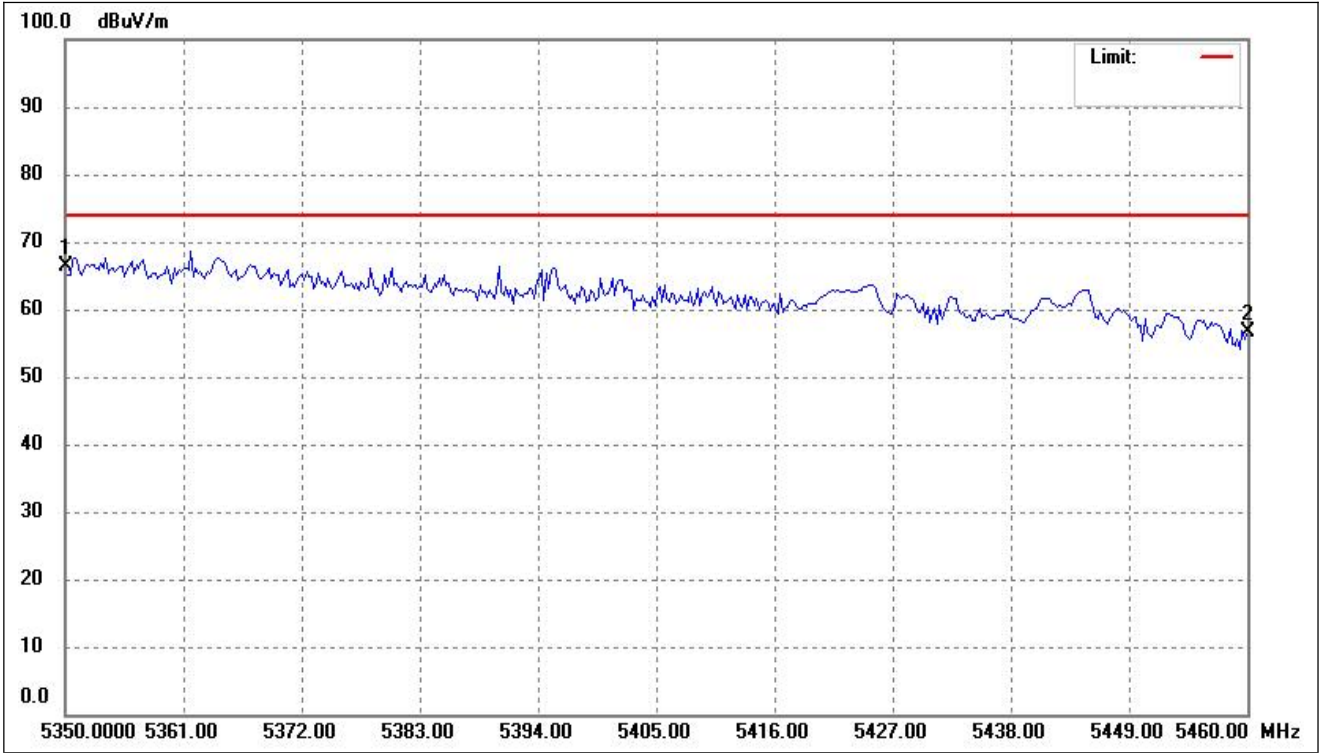
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	78.68	-11.17	67.51	74.00	-6.49	-	-	peak
2	5460.000	58.49	-10.61	47.88	74.00	-26.12	-	-	peak

802.11be-EHT80- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Vertical(worst case)



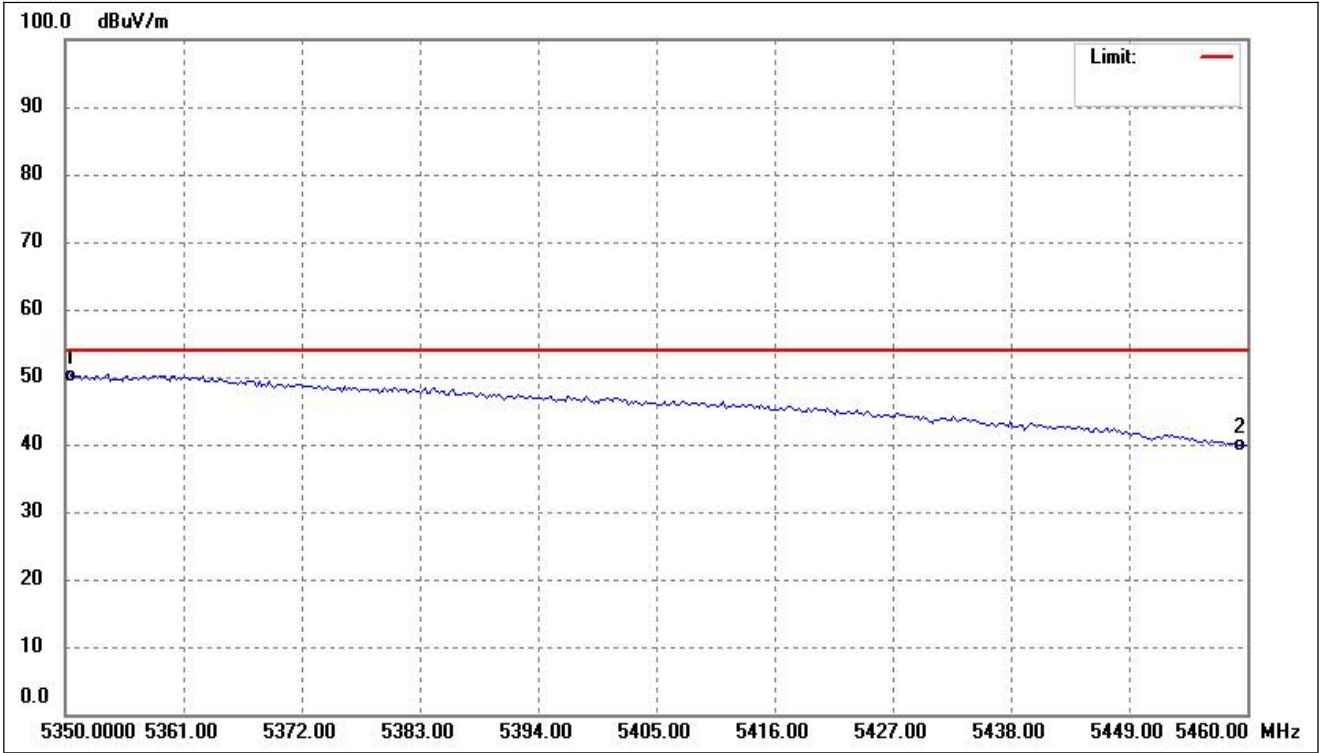
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	61.54	-11.17	50.37	54.00	-3.63	-	-	AVG
2	5460.000	46.38	-10.61	35.77	54.00	-18.23	-	-	AVG

802.11be-EHT160- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Vertical(worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	77.61	-11.17	66.44	74.00	-7.56	-	-	peak
2	5460.000	67.33	-10.61	56.72	74.00	-17.28	-	-	peak

802.11be-EHT160- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Vertical(worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5350.000	61.24	-11.17	50.07	54.00	-3.93	-	-	AVG
2	5460.000	50.46	-10.61	39.85	54.00	-14.15	-	-	AVG

Note: The Restricted Bandedge was tested in Horizontal /Vertical and the worst case position data was reported.

Remark: ‘-’Means’ the test Degree and Height is not recorded by the test software and only show the worst case in the test report.

- Antenna 1(worst case)
- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz (802.11a)
- Harmonics And Spurious Emissions

Frequency (MHz)	Reading (dBuV/m)	Correct dB	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polar H/V	Detector
Low Channel (5180MHz)							
10360	52.64	-4.22	48.42	74	-25.58	H	PK
10360	50.47	-4.22	46.25	54	-7.75	H	AV
10360	52.18	-4.22	47.96	74	-26.04	V	PK
10360	50.18	-4.22	45.96	54	-8.04	V	AV
Middle Channel (5200MHz)							
10400	52.45	-4.19	48.26	74	-25.74	H	PK
10400	50.34	-4.19	46.15	54	-7.85	H	AV
10400	52.62	-4.19	48.43	74	-25.57	V	PK
10400	50.97	-4.19	46.78	54	-7.22	V	AV
High Channel (5240MHz)							
10480	52.51	-4.16	48.35	74	-25.65	H	PK
10480	50.75	-4.16	46.59	54	-7.41	H	AV
10480	52.11	-4.16	47.95	74	-26.05	V	PK
10480	50.14	-4.16	45.98	54	-8.02	V	AV

Frequency (MHz)	Reading (dBuV/m)	Correct dB	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polar H/V	Detector
Low Channel (5260MHz)							
10520	52.79	-4.14	48.65	74	-25.35	H	PK
10520	50.79	-4.14	46.65	54	-7.35	H	AV
10520	52.46	-4.14	48.32	74	-25.68	V	PK
10520	50.68	-4.14	46.54	54	-7.46	V	AV
Middle Channel (5280MHz)							
10560	52.62	-4.12	48.50	74	-25.50	H	PK
10560	50.99	-4.12	46.87	54	-7.13	H	AV
10560	52.78	-4.12	48.66	74	-25.34	V	PK
10560	50.32	-4.12	46.20	54	-7.80	V	AV
High Channel (5320MHz)							
10640	52.64	-4.10	48.54	74	-25.46	H	PK
10640	50.69	-4.10	46.59	54	-7.41	H	AV
10640	52.75	-4.10	48.65	74	-25.35	V	PK
10640	50.15	-4.10	46.05	54	-7.95	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5500MHz)							
11000	52.63	-3.96	48.67	74	-25.33	H	PK
11000	50.65	-3.96	46.69	54	-7.31	H	AV
11000	53.00	-3.96	49.04	74	-24.96	V	PK
11000	50.22	-3.96	46.26	54	-7.74	V	AV
Middle Channel (5580MHz)							
11160	52.40	-3.40	49.00	74	-25.00	H	PK
11160	50.11	-3.40	46.71	54	-7.29	H	AV
11160	52.64	-3.40	49.24	74	-24.76	V	PK
11160	50.99	-3.40	47.59	54	-6.41	V	AV
High Channel (5700MHz)							
11400	50.78	-2.56	48.22	74	-25.78	H	PK
11400	48.46	-2.56	45.90	54	-8.10	H	AV
11400	50.26	-2.56	47.70	74	-26.30	V	PK
11400	48.37	-2.56	45.81	54	-8.19	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5745MHz)							
11490	50.16	-2.24	47.92	74	-26.08	H	PK
11490	48.47	-2.24	46.23	54	-7.77	H	AV
11490	50.14	-2.24	47.90	74	-26.10	V	PK
11490	48.81	-2.24	46.57	54	-7.43	V	AV
Middle Channel (5785MHz)							
11570	50.20	-1.79	48.41	74	-25.59	H	PK
11570	48.83	-1.79	47.04	54	-6.96	H	AV
11570	50.60	-1.79	48.81	74	-25.19	V	PK
11570	48.33	-1.79	46.54	54	-7.46	V	AV
High Channel (5825MHz)							
11650	51.01	-1.52	49.49	74	-24.51	H	PK
11650	48.24	-1.52	46.72	54	-7.28	H	AV
11650	50.71	-1.52	49.19	74	-24.81	V	PK
11650	48.77	-1.52	47.25	54	-6.75	V	AV

➤ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-33.36	-27
Highest	Above 5350	-41.16	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-40.16	-27
Highest	Above 5350	-33.97	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-34.05	-27
Highest	Above 5725	-37.50	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5650	-44.67	-27
	5650 to 5700	-37.65	-27 to -17
	5700 to 5720	-29.31	-17 to 15.6
	5720 to 5725	-18.41	15.6 to 27
Highest	5850 to 5855	-13.32	27 to 15.6
	5855 to 5875	-27.20	15.6 to -17
	5875 to 5925	-36.23	-17 to -27
	Above 5925	-43.35	-27
Note: the data just list the worst cases			

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz, 5.850-5.895GHz (802.11n HT20)
- Harmonics And Spurious Emissions

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5180MHz)							
10360	52.06	-4.22	47.84	74	-26.16	H	PK
10360	49.14	-4.22	44.92	54	-9.08	H	AV
10360	51.45	-4.22	47.23	74	-26.77	V	PK
10360	49.15	-4.22	44.93	54	-9.07	V	AV
Middle Channel (5200MHz)							
10400	51.76	-4.19	47.57	74	-26.43	H	PK
10400	49.32	-4.19	45.13	54	-8.87	H	AV
10400	51.17	-4.19	46.98	74	-27.02	V	PK
10400	49.57	-4.19	45.38	54	-8.62	V	AV
High Channel (5240MHz)							
10480	51.78	-4.16	47.62	74	-26.38	H	PK
10480	50.06	-4.16	45.90	54	-8.10	H	AV
10480	51.81	-4.16	47.65	74	-26.35	V	PK
10480	49.51	-4.16	45.35	54	-8.65	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5260MHz)							
10520	51.44	-4.14	47.30	74	-26.70	H	PK
10520	49.09	-4.14	44.95	54	-9.05	H	AV
10520	51.25	-4.14	47.11	74	-26.89	V	PK
10520	49.65	-4.14	45.51	54	-8.49	V	AV
Middle Channel (5280MHz)							
10560	51.39	-4.12	47.27	74	-26.73	H	PK
10560	49.80	-4.12	45.68	54	-8.32	H	AV
10560	51.50	-4.12	47.38	74	-26.62	V	PK
10560	49.27	-4.12	45.15	54	-8.85	V	AV
High Channel (5320MHz)							
10640	51.62	-4.10	47.52	74	-26.48	H	PK
10640	49.66	-4.10	45.56	54	-8.44	H	AV
10640	51.90	-4.10	47.80	74	-26.20	V	PK
10640	49.49	-4.10	45.39	54	-8.61	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5500MHz)							
11000	51.23	-3.96	47.27	74	-26.73	H	PK
11000	49.99	-3.96	46.03	54	-7.97	H	AV
11000	51.47	-3.96	47.51	74	-26.49	V	PK
11000	49.60	-3.96	45.64	54	-8.36	V	AV
Middle Channel (5580MHz)							
11160	51.17	-3.40	47.77	74	-26.23	H	PK
11160	49.10	-3.40	45.70	54	-8.30	H	AV
11160	51.66	-3.40	48.26	74	-25.74	V	PK
11160	49.83	-3.40	46.43	54	-7.57	V	AV
High Channel (5700MHz)							
11400	49.10	-2.56	46.54	74	-27.46	H	PK
11400	47.72	-2.56	45.16	54	-8.84	H	AV
11400	50.00	-2.56	47.44	74	-26.56	V	PK
11400	47.48	-2.56	44.92	54	-9.08	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5745MHz)							
11490	49.98	-2.24	47.74	74	-26.26	H	PK
11490	47.51	-2.24	45.27	54	-8.73	H	AV
11490	49.45	-2.24	47.21	74	-26.79	V	PK
11490	47.23	-2.24	44.99	54	-9.01	V	AV
Middle Channel (5785MHz)							
11570	49.30	-1.79	47.51	74	-26.49	H	PK
11570	47.99	-1.79	46.20	54	-7.80	H	AV
11570	49.58	-1.79	47.79	74	-26.21	V	PK
11570	47.24	-1.79	45.45	54	-8.55	V	AV
High Channel (5825MHz)							
11650	49.21	-1.52	47.69	74	-26.31	H	PK
11650	47.73	-1.52	46.21	54	-7.79	H	AV
11650	49.74	-1.52	48.22	74	-25.78	V	PK
11650	47.09	-1.52	45.57	54	-8.43	V	AV

➤ Out of Band edge 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-34.22	-27
Highest	Above 5350	-40.77	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-38.21	-27
Highest	Above 5350	-34.31	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-31.08	-27
Highest	Above 5725	-35.11	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5650	-43.02	-27
	5650 to 5700	-33.15	-27 to -17
	5700 to 5720	-28.14	-17 to 15.6
	5720 to 5725	-19.66	15.6 to 27
Highest	5850 to 5855	-15.69	27 to 15.6
	5855 to 5875	-27.78	15.6 to -17
	5875 to 5925	-34.57	-17 to -27
	Above 5925	-40.96	-27

Note: the data just list the worst cases

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz(802.11ac VHT20)
- Harmonics And Spurious Emissions

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5180MHz)							
10360	51.40	-4.22	47.18	74	-26.82	H	PK
10360	49.84	-4.22	45.62	54	-8.38	H	AV
10360	51.18	-4.22	46.96	74	-27.04	V	PK
10360	49.88	-4.22	45.66	54	-8.34	V	AV
Middle Channel (5200MHz)							
10400	51.11	-4.19	46.92	74	-27.08	H	PK
10400	49.10	-4.19	44.91	54	-9.09	H	AV
10400	51.64	-4.19	47.45	74	-26.55	V	PK
10400	49.81	-4.19	45.62	54	-8.38	V	AV
High Channel (5240MHz)							
10480	51.35	-4.16	47.19	74	-26.81	H	PK
10480	49.84	-4.16	45.68	54	-8.32	H	AV
10480	51.24	-4.16	47.08	74	-26.92	V	PK
10480	49.60	-4.16	45.44	54	-8.56	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5260MHz)							
10520	51.17	-4.14	47.03	74	-26.97	H	PK
10520	49.34	-4.14	45.20	54	-8.80	H	AV
10520	51.86	-4.14	47.72	74	-26.28	V	PK
10520	50.00	-4.14	45.86	54	-8.14	V	AV
Middle Channel (5280MHz)							
10560	51.41	-4.12	47.29	74	-26.71	H	PK
10560	49.87	-4.12	45.75	54	-8.25	H	AV
10560	51.82	-4.12	47.70	74	-26.30	V	PK
10560	49.63	-4.12	45.51	54	-8.49	V	AV
High Channel (5320MHz)							
10640	51.26	-4.10	47.16	74	-26.84	H	PK
10640	49.36	-4.10	45.26	54	-8.74	H	AV
10640	51.43	-4.10	47.33	74	-26.67	V	PK
10640	49.81	-4.10	45.71	54	-8.29	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5500MHz)							
11000	51.99	-3.96	48.03	74	-25.97	H	PK
11000	49.87	-3.96	45.91	54	-8.09	H	AV
11000	51.80	-3.96	47.84	74	-26.16	V	PK
11000	49.43	-3.96	45.47	54	-8.53	V	AV
Middle Channel (5580MHz)							
11160	50.12	-3.40	46.72	74	-27.28	H	PK
11160	48.65	-3.40	45.25	54	-8.75	H	AV
11160	50.74	-3.40	47.34	74	-26.66	V	PK
11160	48.96	-3.40	45.56	54	-8.44	V	AV
High Channel (5700MHz)							
11400	50.89	-2.56	48.33	74	-25.67	H	PK
11400	48.15	-2.56	45.59	54	-8.41	H	AV
11400	50.40	-2.56	47.84	74	-26.16	V	PK
11400	48.23	-2.56	45.67	54	-8.33	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5745MHz)							
11490	49.37	-2.24	47.13	74	-26.87	H	PK
11490	47.71	-2.24	45.47	54	-8.53	H	AV
11490	49.09	-2.24	46.85	74	-27.15	V	PK
11490	47.97	-2.24	45.73	54	-8.27	V	AV
Middle Channel (5785MHz)							
11570	49.13	-1.79	47.34	74	-26.66	H	PK
11570	47.28	-1.79	45.49	54	-8.51	H	AV
11570	49.46	-1.79	47.67	74	-26.33	V	PK
11570	47.29	-1.79	45.50	54	-8.50	V	AV
High Channel (5825MHz)							
11650	49.42	-1.52	47.90	74	-26.10	H	PK
11650	47.43	-1.52	45.91	54	-8.09	H	AV
11650	49.84	-1.52	48.32	74	-25.68	V	PK
11650	47.71	-1.52	46.19	54	-7.81	V	AV

➤ Out of Band edge 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-35.75	-27
Highest	Above 5350	-38.47	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-38.62	-27
Highest	Above 5350	-33.26	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-34.93	-27
Highest	Above 5725	-35.81	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5650	-41.05	-27
	5650 to 5700	-33.85	-27 to -17
	5700 to 5720	-27.09	-17 to 15.6
	5720 to 5725	-14.49	15.6 to 27
Highest	5850 to 5855	-11.98	27 to 15.6
	5855 to 5875	-24.52	15.6 to -17
	5875 to 5925	-32.34	-17 to -27
	Above 5925	-36.71	-27

Note: the data just list the worst cases

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz, 5.850-5.895GHz (802.11ax HE20)
- Harmonics And Spurious Emissions

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5180MHz)							
10360	51.77	-4.22	47.55	74	-26.45	H	PK
10360	49.70	-4.22	45.48	54	-8.52	H	AV
10360	51.55	-4.22	47.33	74	-26.67	V	PK
10360	50.04	-4.22	45.82	54	-8.18	V	AV
Middle Channel (5200MHz)							
10400	51.80	-4.19	47.61	74	-26.39	H	PK
10400	49.81	-4.19	45.62	54	-8.38	H	AV
10400	51.45	-4.19	47.26	74	-26.74	V	PK
10400	49.95	-4.19	45.76	54	-8.24	V	AV
High Channel (5240MHz)							
10480	51.47	-4.16	47.31	74	-26.69	H	PK
10480	49.53	-4.16	45.37	54	-8.63	H	AV
10480	51.64	-4.16	47.48	74	-26.52	V	PK
10480	49.14	-4.16	44.98	54	-9.02	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5260MHz)							
10520	51.99	-4.14	47.85	74	-26.15	H	PK
10520	49.37	-4.14	45.23	54	-8.77	H	AV
10520	51.25	-4.14	47.11	74	-26.89	V	PK
10520	49.67	-4.14	45.53	54	-8.47	V	AV
Middle Channel (5280MHz)							
10560	51.91	-4.12	47.79	74	-26.21	H	PK
10560	49.71	-4.12	45.59	54	-8.41	H	AV
10560	52.00	-4.12	47.88	74	-26.12	V	PK
10560	49.71	-4.12	45.59	54	-8.41	V	AV
High Channel (5320MHz)							
10640	51.79	-4.10	47.69	74	-26.31	H	PK
10640	49.62	-4.10	45.52	54	-8.48	H	AV
10640	51.41	-4.10	47.31	74	-26.69	V	PK
10640	49.70	-4.10	45.60	54	-8.40	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5500MHz)							
11000	50.18	-3.96	46.22	74	-27.78	H	PK
11000	48.52	-3.96	44.56	54	-9.44	H	AV
11000	51.00	-3.96	47.04	74	-26.96	V	PK
11000	48.89	-3.96	44.93	54	-9.07	V	AV
Middle Channel (5580MHz)							
11160	50.51	-3.40	47.11	74	-26.89	H	PK
11160	48.68	-3.40	45.28	54	-8.72	H	AV
11160	50.16	-3.40	46.76	74	-27.24	V	PK
11160	48.87	-3.40	45.47	54	-8.53	V	AV
High Channel (5700MHz)							
11400	50.87	-2.56	48.31	74	-25.69	H	PK
11400	48.30	-2.56	45.74	54	-8.26	H	AV
11400	50.59	-2.56	48.03	74	-25.97	V	PK
11400	48.23	-2.56	45.67	54	-8.33	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5745MHz)							
11490	49.60	-2.24	47.36	74	-26.64	H	PK
11490	47.20	-2.24	44.96	54	-9.04	H	AV
11490	49.90	-2.24	47.66	74	-26.34	V	PK
11490	47.27	-2.24	45.03	54	-8.97	V	AV
Middle Channel (5785MHz)							
11570	49.28	-1.79	47.49	74	-26.51	H	PK
11570	47.56	-1.79	45.77	54	-8.23	H	AV
11570	49.56	-1.79	47.77	74	-26.23	V	PK
11570	47.53	-1.79	45.74	54	-8.26	V	AV
High Channel (5825MHz)							
11650	48.77	-1.52	47.25	74	-26.75	H	PK
11650	46.79	-1.52	45.27	54	-8.73	H	AV
11650	48.88	-1.52	47.36	74	-26.64	V	PK
11650	46.85	-1.52	45.33	54	-8.67	V	AV

➤ Out of Band edge 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-33.55	-27
Highest	Above 5350	-42.60	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-40.41	-27
Highest	Above 5350	-32.98	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-32.42	-27
Highest	Above 5725	-34.03	-27

Note: the data just list the worst cases

➤ Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5650	-42.36	-27
	5650 to 5700	-32.52	-27 to -17
	5700 to 5720	-27.44	-17 to 15.6
	5720 to 5725	-17.90	15.6 to 27
Highest	5850 to 5855	-14.77	27 to 15.6
	5855 to 5875	-28.19	15.6 to -17
	5875 to 5925	-35.31	-17 to -27
	Above 5925	-39.29	-27

Note: the data just list the worst cases

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz(802.11n HT40)
- Harmonics And Spurious Emissions

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5190MHz)							
10380	49.95	-4.21	45.74	74	-28.26	H	PK
10380	47.55	-4.21	43.34	54	-10.66	H	AV
10380	49.82	-4.21	45.61	74	-28.39	V	PK
10380	48.05	-4.21	43.84	54	-10.16	V	AV
High Channel (5230MHz)							
10460	49.32	-4.17	45.15	74	-28.85	H	PK
10460	47.80	-4.17	43.63	54	-10.37	H	AV
10460	49.83	-4.17	45.66	74	-28.34	V	PK
10460	47.90	-4.17	43.73	54	-10.27	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5270MHz)							
10540	49.31	-4.14	45.17	74	-28.83	H	PK
10540	47.31	-4.14	43.17	54	-10.83	H	AV
10540	49.51	-4.14	45.37	74	-28.63	V	PK
10540	47.30	-4.14	43.16	54	-10.84	V	AV
High Channel (5310MHz)							
10620	49.56	-4.10	45.46	74	-28.54	H	PK
10620	47.46	-4.10	43.36	54	-10.64	H	AV
10620	49.53	-4.10	45.43	74	-28.57	V	PK
10620	47.43	-4.10	43.33	54	-10.67	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5510MHz)							
11020	48.65	-3.89	44.76	74	-29.24	H	PK
11020	46.30	-3.89	42.41	54	-11.59	H	AV
11020	48.47	-3.89	44.58	74	-29.42	V	PK
11020	47.02	-3.89	43.13	54	-10.87	V	AV
Middle Channel (5550MHz)							
11100	48.63	-3.61	45.02	74	-28.98	H	PK
11100	46.95	-3.61	43.34	54	-10.66	H	AV
11100	48.80	-3.61	45.19	74	-28.81	V	PK
11100	47.07	-3.61	43.46	54	-10.54	V	AV
High Channel (5670MHz)							
11340	48.13	-2.77	45.36	74	-28.64	H	PK
11340	46.98	-2.77	44.21	54	-9.79	H	AV
11340	48.79	-2.77	46.02	74	-27.98	V	PK
11340	46.50	-2.77	43.73	54	-10.27	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5755MHz)							
11510	48.30	-2.19	46.11	74	-27.89	H	PK
11510	46.48	-2.19	44.29	54	-9.71	H	AV
11510	48.84	-2.19	46.65	74	-27.35	V	PK
11510	46.76	-2.19	44.57	54	-9.43	V	AV
High Channel (5795MHz)							
11590	48.50	-2.03	46.47	74	-27.53	H	PK
11590	46.45	-2.03	44.42	54	-9.58	H	AV
11590	48.61	-2.03	46.58	74	-27.42	V	PK
11590	46.48	-2.03	44.45	54	-9.55	V	AV

➤ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-33.95	-27
Highest	Above 5350	-39.36	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-39.74	-27
Highest	Above 5350	-32.45	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-31.12	-27
Highest	Above 5725	-33.10	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5650	-41.27	-27
	5650 to 5700	-31.62	-27 to -17
	5700 to 5720	-23.07	-17 to 15.6
	5720 to 5725	-14.92	15.6 to 27
Highest	5850 to 5855	-11.19	27 to 15.6
	5855 to 5875	-23.61	15.6 to -17
	5875 to 5925	-29.24	-17 to -27
	Above 5925	-33.77	-27
Note: the data just list the worst cases			

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz(802.11ac VHT40)
- Harmonics And Spurious Emissions

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5190MHz)							
10380	49.21	-4.21	45.00	74	-29.00	H	PK
10380	47.76	-4.21	43.55	54	-10.45	H	AV
10380	49.23	-4.21	45.02	74	-28.98	V	PK
10380	47.47	-4.21	43.26	54	-10.74	V	AV
High Channel (5230MHz)							
10460	49.60	-4.17	45.43	74	-28.57	H	PK
10460	47.52	-4.17	43.35	54	-10.65	H	AV
10460	49.98	-4.17	45.81	74	-28.19	V	PK
10460	47.77	-4.17	43.60	54	-10.40	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5270MHz)							
10540	49.54	-4.14	45.40	74	-28.60	H	PK
10540	47.60	-4.14	43.46	54	-10.54	H	AV
10540	49.22	-4.14	45.08	74	-28.92	V	PK
10540	47.84	-4.14	43.70	54	-10.30	V	AV
High Channel (5310MHz)							
10620	49.83	-4.10	45.73	74	-28.27	H	PK
10620	47.46	-4.10	43.36	54	-10.64	H	AV
10620	49.96	-4.10	45.86	74	-28.14	V	PK
10620	47.91	-4.10	43.81	54	-10.19	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5510MHz)							
11020	49.44	-3.89	45.55	74	-28.45	H	PK
11020	47.55	-3.89	43.66	54	-10.34	H	AV
11020	49.76	-3.89	45.87	74	-28.13	V	PK
11020	48.08	-3.89	44.19	54	-9.81	V	AV
Middle Channel (5550MHz)							
11100	49.02	-3.61	45.41	74	-28.59	H	PK
11100	46.59	-3.61	42.98	54	-11.02	H	AV
11100	49.04	-3.61	45.43	74	-28.57	V	PK
11100	46.80	-3.61	43.19	54	-10.81	V	AV
High Channel (5670MHz)							
11340	48.09	-2.77	45.32	74	-28.68	H	PK
11340	46.32	-2.77	43.55	54	-10.45	H	AV
11340	48.20	-2.77	45.43	74	-28.57	V	PK
11340	46.17	-2.77	43.40	54	-10.60	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5755MHz)							
11510	48.79	-2.19	46.60	74	-27.40	H	PK
11510	46.62	-2.19	44.43	54	-9.57	H	AV
11510	48.77	-2.19	46.58	74	-27.42	V	PK
11510	46.50	-2.19	44.31	54	-9.69	V	AV
High Channel (5795MHz)							
11590	48.45	-2.03	46.42	74	-27.58	H	PK
11590	46.12	-2.03	44.09	54	-9.91	H	AV
11590	48.64	-2.03	46.61	74	-27.39	V	PK
11590	46.22	-2.03	44.19	54	-9.81	V	AV

➤ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-31.44	-27
Highest	Above 5350	-39.68	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-37.21	-27
Highest	Above 5350	-32.05	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-32.29	-27
Highest	Above 5725	-35.07	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5650	-41.31	-27
	5650 to 5700	-32.74	-27 to -17
	5700 to 5720	-22.86	-17 to 15.6
	5720 to 5725	-16.50	15.6 to 27
Highest	5850 to 5855	-11.93	27 to 15.6
	5855 to 5875	-21.07	15.6 to -17
	5875 to 5925	-28.10	-17 to -27
	Above 5925	-35.21	-27
Note: the data just list the worst cases			

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz(802.11ax HE40)
- Harmonics And Spurious Emissions

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5190MHz)							
10380	48.79	-4.21	44.58	74	-29.42	H	PK
10380	47.02	-4.21	42.81	54	-11.19	H	AV
10380	48.30	-4.21	44.09	74	-29.91	V	PK
10380	46.97	-4.21	42.76	54	-11.24	V	AV
High Channel (5230MHz)							
10460	48.32	-4.17	44.15	74	-29.85	H	PK
10460	46.10	-4.17	41.93	54	-12.07	H	AV
10460	49.04	-4.17	44.87	74	-29.13	V	PK
10460	46.54	-4.17	42.37	54	-11.63	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5270MHz)							
10540	48.56	-4.14	44.42	74	-29.58	H	PK
10540	46.83	-4.14	42.69	54	-11.31	H	AV
10540	48.80	-4.14	44.66	74	-29.34	V	PK
10540	46.79	-4.14	42.65	54	-11.35	V	AV
High Channel (5310MHz)							
10620	48.26	-4.10	44.16	74	-29.84	H	PK
10620	46.70	-4.10	42.60	54	-11.40	H	AV
10620	48.60	-4.10	44.50	74	-29.50	V	PK
10620	46.16	-4.10	42.06	54	-11.94	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5510MHz)							
11020	48.13	-3.89	44.24	74	-29.76	H	PK
11020	46.87	-3.89	42.98	54	-11.02	H	AV
11020	48.48	-3.89	44.59	74	-29.41	V	PK
11020	46.36	-3.89	42.47	54	-11.53	V	AV
Middle Channel (5550MHz)							
11100	48.16	-3.61	44.55	74	-29.45	H	PK
11100	46.54	-3.61	42.93	54	-11.07	H	AV
11100	48.27	-3.61	44.66	74	-29.34	V	PK
11100	46.26	-3.61	42.65	54	-11.35	V	AV
High Channel (5670MHz)							
11340	48.73	-2.77	45.96	74	-28.04	H	PK
11340	46.31	-2.77	43.54	54	-10.46	H	AV
11340	48.72	-2.77	45.95	74	-28.05	V	PK
11340	46.68	-2.77	43.91	54	-10.09	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5755MHz)							
11510	49.00	-2.19	46.81	74	-27.19	H	PK
11510	46.86	-2.19	44.67	54	-9.33	H	AV
11510	48.78	-2.19	46.59	74	-27.41	V	PK
11510	46.81	-2.19	44.62	54	-9.38	V	AV
High Channel (5795MHz)							
11590	47.83	-2.03	45.80	74	-28.20	H	PK
11590	45.48	-2.03	43.45	54	-10.55	H	AV
11590	47.10	-2.03	45.07	74	-28.93	V	PK
11590	45.92	-2.03	43.89	54	-10.11	V	AV

➤ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-32.37	-27
Highest	Above 5350	-36.33	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-37.57	-27
Highest	Above 5350	-32.54	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-30.72	-27
Highest	Above 5725	-34.77	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5650	-42.03	-27
	5650 to 5700	-34.06	-27 to -17
	5700 to 5720	-23.63	-17 to 15.6
	5720 to 5725	-15.76	15.6 to 27
Highest	5850 to 5855	-11.37	27 to 15.6
	5855 to 5875	-23.55	15.6 to -17
	5875 to 5925	-30.25	-17 to -27
	Above 5925	-37.30	-27
Note: the data just list the worst cases			

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz(802.11ac VHT80)
- Harmonics And Spurious Emissions

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
5210MHz							
10420	47.60	-4.19	43.41	74	-30.59	H	PK
10420	45.33	-4.19	41.14	54	-12.86	H	AV
10420	47.36	-4.19	43.17	74	-30.83	H	PK
10420	45.26	-4.19	41.07	54	-12.93	H	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
5290MHz							
10580	47.78	-4.12	43.66	74	-30.34	H	PK
10580	45.62	-4.12	41.50	54	-12.50	H	AV
10580	47.36	-4.12	43.24	74	-30.76	V	PK
10580	45.52	-4.12	41.40	54	-12.60	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5530MHz)							
11060	48.04	-3.75	44.29	74	-29.71	H	PK
11060	45.51	-3.75	41.76	54	-12.24	H	AV
11060	48.04	-3.75	44.29	74	-29.71	V	PK
11060	45.15	-3.75	41.40	54	-12.60	V	AV
High Channel (5610MHz)							
11220	47.59	-3.19	44.40	74	-29.60	H	PK
11220	45.24	-3.19	42.05	54	-11.95	H	AV
11220	47.43	-3.19	44.24	74	-29.76	V	PK
11220	45.73	-3.19	42.54	54	-11.46	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
5775MHz							
11550	47.69	-2.11	45.58	74	-28.42	H	PK
11550	45.42	-2.11	43.31	54	-10.69	H	AV
11550	47.82	-2.11	45.71	74	-28.29	V	PK
11550	45.75	-2.11	43.64	54	-10.36	V	AV

➤ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-32.34	-27
Highest	Above 5350	-38.67	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-39.71	-27
Highest	Above 5350	-33.26	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-36.93	-27
Highest	Above 5725	-34.52	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5650	-42.80	-27
	5650 to 5700	-32.80	-27 to -17
	5700 to 5720	-25.92	-17 to 15.6
	5720 to 5725	-17.20	15.6 to 27
Highest	5850 to 5855	-12.20	27 to 15.6
	5855 to 5875	-24.34	15.6 to -17
	5875 to 5925	-30.83	-17 to -27
	Above 5925	-37.70	-27
Note: the data just list the worst cases			

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz(802.11ax HE80)
- Harmonics And Spurious Emissions

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
5210MHz							
10420	47.67	-4.19	43.48	74	-30.52	H	PK
10420	45.14	-4.19	40.95	54	-13.05	H	AV
10420	48.06	-4.19	43.87	74	-30.13	H	PK
10420	45.40	-4.19	41.21	54	-12.79	H	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
5290MHz							
10580	47.94	-4.12	43.82	74	-30.18	H	PK
10580	45.31	-4.12	41.19	54	-12.81	H	AV
10580	47.46	-4.12	43.34	74	-30.66	V	PK
10580	45.93	-4.12	41.81	54	-12.19	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5530MHz)							
11060	47.32	-3.75	43.57	74	-30.43	H	PK
11060	45.42	-3.75	41.67	54	-12.33	H	AV
11060	47.79	-3.75	44.04	74	-29.96	V	PK
11060	45.90	-3.75	42.15	54	-11.85	V	AV
High Channel (5610MHz)							
11220	47.61	-3.19	44.42	74	-29.58	H	PK
11220	45.79	-3.19	42.60	54	-11.40	H	AV
11220	47.19	-3.19	44.00	74	-30.00	V	PK
11220	45.17	-3.19	41.98	54	-12.02	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
5775MHz							
11550	47.70	-2.11	45.59	74	-28.41	H	PK
11550	45.24	-2.11	43.13	54	-10.87	H	AV
11550	47.98	-2.11	45.87	74	-28.13	V	PK
11550	45.40	-2.11	43.29	54	-10.71	V	AV

➤ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-32.34	-27
Highest	Above 5350	-36.96	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-39.21	-27
Highest	Above 5350	-33.64	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-36.54	-27
Highest	Above 5725	-34.79	-27
Note: the data just list the worst cases			

➤ Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5650	-42.89	-27
	5650 to 5700	-31.84	-27 to -17
	5700 to 5720	-24.63	-17 to 15.6
	5720 to 5725	-16.13	15.6 to 27
Highest	5850 to 5855	-11.20	27 to 15.6
	5855 to 5875	-25.65	15.6 to -17
	5875 to 5925	-33.60	-17 to -27
	Above 5925	-37.23	-27
Note: the data just list the worst cases			

Note: Testing is carried out with frequency rang 9kHz to 40Ghz, other than listed in the table above are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

9. Frequency Stability

9.1 Standard Applicable

According to §15.407(g), manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

9.2 Test Procedure

According to §2.1055, the following test procedure was performed.

The Frequency Stability is measured directly with a Frequency Domain Analyzer. Frequency Deviation in ppm is calculated from the measured peak to peak value.

The Carrier Frequency Stability over Power Supply Voltage and over Temperature is measured with a Frequency Domain Analyzer in histogram mode.

9.3 Summary of Test Results/Plots

Please refer to Appendix E

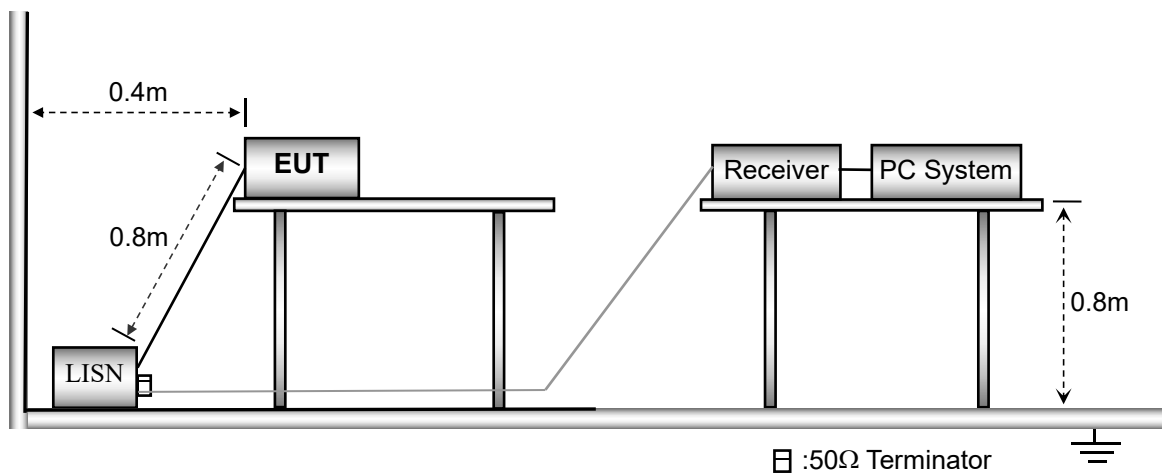
10. Conducted Emissions

10.1 Test Procedure

The setup of EUT is according with per ANSI C63.10-2020 measurement procedure. The specification used was with the FCC Part 15.207 Limit.

The external I/O cables were draped along the test table and formed a bundle 30 to 40cm long in the middle. The spacing between the peripherals was 10cm.

10.2 Basic Test Setup Block Diagram



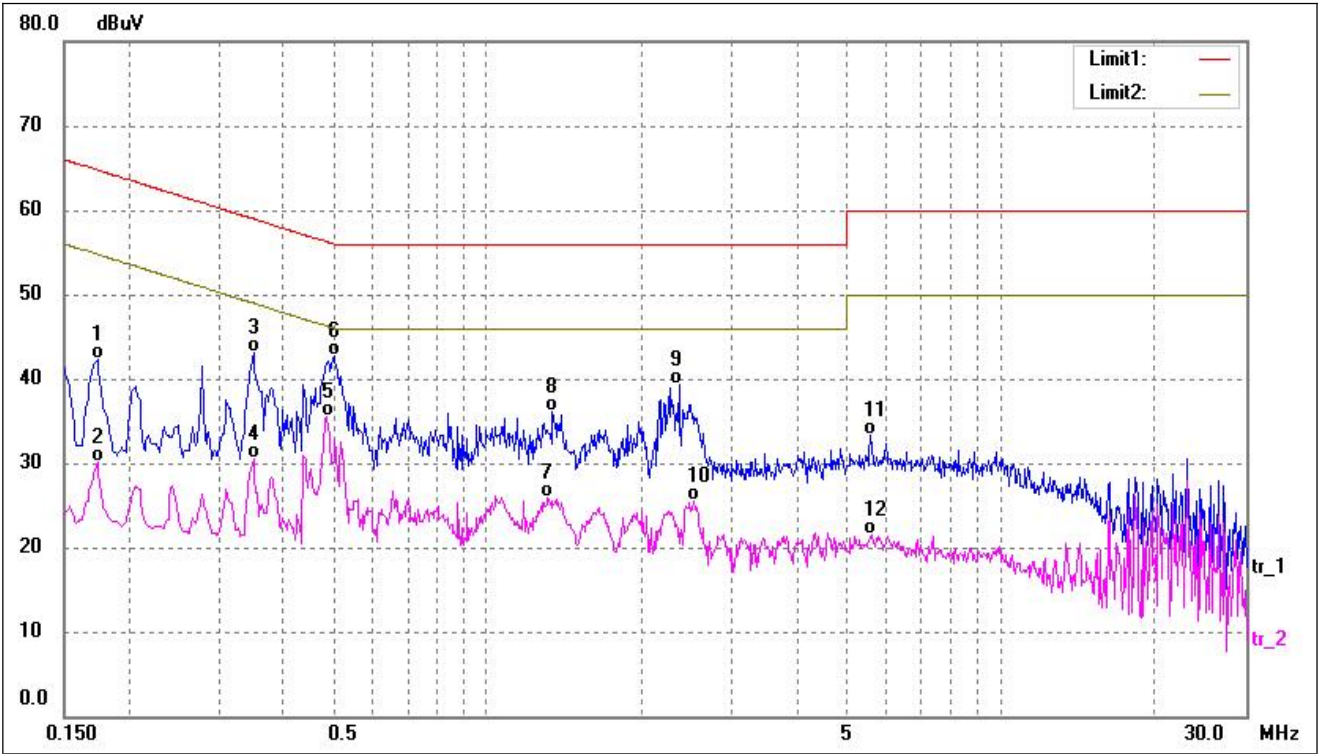
10.3 Test Receiver Setup

During the conducted emission test, the test receiver was set with the following configurations:

Start Frequency.....	150kHz
Stop Frequency.....	30MHz
Sweep Speed.....	Auto
IF Bandwidth.....	10kHz
Quasi-Peak Adapter Bandwidth.....	9kHz
Quasi-Peak Adapter Mode.....	Normal

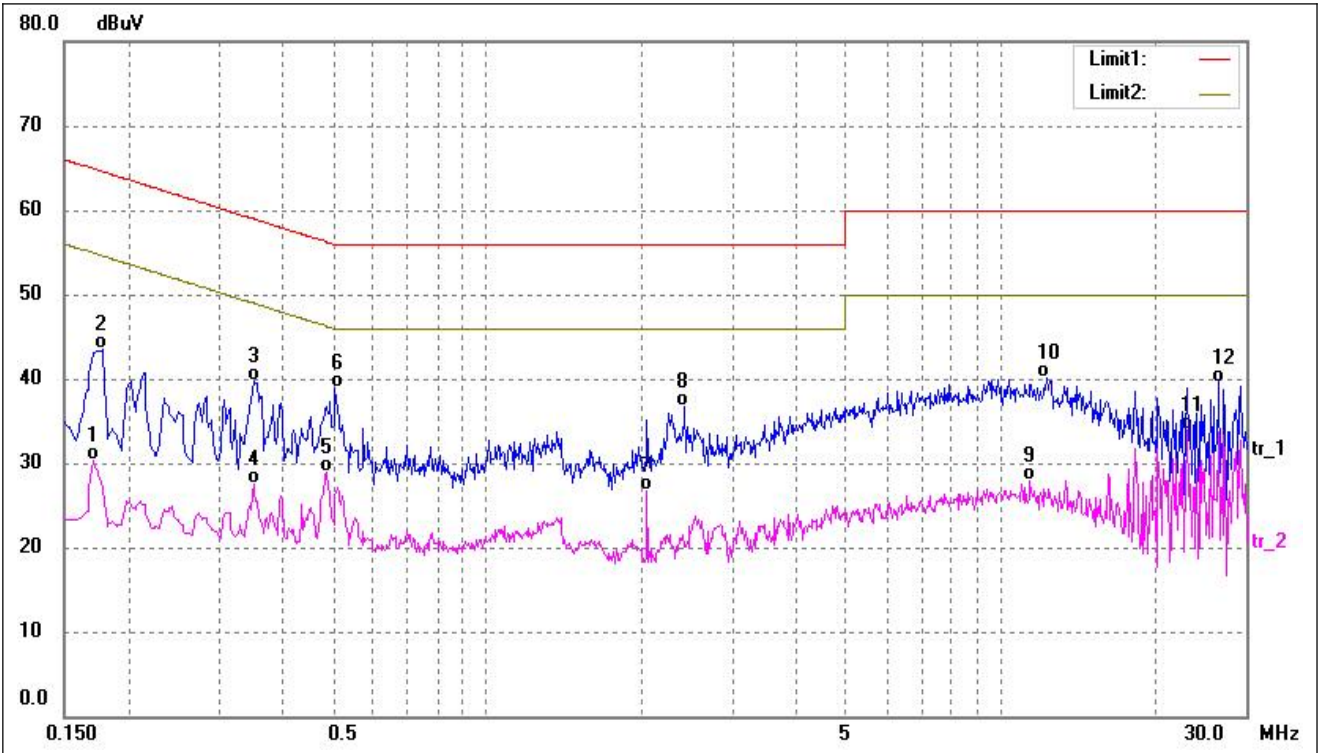
10.4 Summary of Test Results/Plots

Test Mode	Communication	AC120V 60Hz	Polarity:	Neutral
-----------	---------------	-------------	-----------	---------



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1740	32.84	9.53	42.37	64.76	-22.39	QP
2	0.1740	20.51	9.53	30.04	54.76	-24.72	AVG
3	0.3500	33.42	9.63	43.05	58.96	-15.91	QP
4	0.3500	20.97	9.63	30.60	48.96	-18.36	AVG
5*	0.4860	25.76	9.65	35.41	46.24	-10.83	AVG
6	0.5020	33.14	9.65	42.79	56.00	-13.21	QP
7	1.3140	16.32	9.63	25.95	46.00	-20.05	AVG
8	1.3380	26.57	9.62	36.19	56.00	-19.81	QP
9	2.3660	29.86	9.38	39.24	56.00	-16.76	QP
10	2.5340	16.08	9.38	25.46	46.00	-20.54	AVG
11	5.5660	23.66	9.64	33.30	60.00	-26.70	QP
12	5.6060	11.95	9.64	21.59	50.00	-28.41	AVG

Test Mode	Communication	AC120V 60Hz	Polarity:	Line
-----------	---------------	-------------	-----------	------



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1700	20.77	9.51	30.28	54.96	-24.68	AVG
2	0.1780	33.88	9.54	43.42	64.57	-21.15	QP
3	0.3500	30.12	9.63	39.75	58.96	-19.21	QP
4	0.3500	17.81	9.63	27.44	48.96	-21.52	AVG
5	0.4860	19.29	9.65	28.94	46.24	-17.30	AVG
6	0.5060	29.34	9.65	38.99	56.00	-17.01	QP
7	2.0500	17.36	9.36	26.72	46.00	-19.28	AVG
8	2.4260	27.25	9.38	36.63	56.00	-19.37	QP
9	11.4220	18.19	9.72	27.91	50.00	-22.09	AVG
10	12.2860	30.41	9.67	40.08	60.00	-19.92	QP
11*	23.1299	24.42	9.54	33.96	50.00	-16.04	AVG
12	26.6100	30.05	9.55	39.60	60.00	-20.40	QP

APPENDIX SUMMARY

Project No.	WTD25X07172964W001	Test Engineer	BAldi zhong
Start date	2025-08-24	Finish date	2025-09-18
Temperature	23℃	Humidity	56%
RF specifications	WIFI-5GHz		

APPENDIX	Description of Test Item	Result
A1	Emission Bandwidth	Compliant
A2	Occupied channel bandwidth	Compliant
A3	Min emission bandwidth	Compliant
B	Duty Cycle	Compliant
C	Maximum conducted output power	Compliant
D	Maximum power spectral density	Compliant
E	Frequency Stability	Compliant

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency [MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11A	Ant1	5180	21.360	5169.280	5190.640	---	---
11A	Ant2	5180	21.320	5169.360	5190.680	---	---
11A	Ant1	5200	21.240	5189.600	5210.840	---	---
11A	Ant2	5200	20.840	5189.680	5210.520	---	---
11A	Ant1	5240	21.360	5229.320	5250.680	---	---
11A	Ant2	5240	21.680	5229.160	5250.840	---	---
11A	Ant1	5260	21.520	5249.360	5270.880	---	---
11A	Ant2	5260	21.080	5249.480	5270.560	---	---
11A	Ant1	5280	21.200	5269.640	5290.840	---	---
11A	Ant2	5280	21.040	5269.680	5290.720	---	---
11A	Ant1	5320	21.120	5309.520	5330.640	---	---
11A	Ant2	5320	21.160	5309.560	5330.720	---	---
11A	Ant1	5500	21.520	5489.320	5510.840	---	---
11A	Ant2	5500	21.160	5489.600	5510.760	---	---
11A	Ant1	5580	21.240	5569.600	5590.840	---	---
11A	Ant2	5580	21.080	5569.560	5590.640	---	---
11A	Ant1	5700	21.400	5689.440	5710.840	---	---
11A	Ant2	5700	21.120	5689.520	5710.640	---	---
11A	Ant1	5745	21.400	5734.400	5755.800	---	---
11A	Ant2	5745	21.240	5734.480	5755.720	---	---
11A	Ant1	5785	21.360	5774.400	5795.760	---	---
11A	Ant2	5785	21.080	5774.480	5795.560	---	---
11A	Ant1	5825	21.080	5814.640	5835.720	---	---
11A	Ant2	5825	21.000	5814.520	5835.520	---	---
11N20MIMO	Ant1	5180	21.440	5169.440	5190.880	---	---
11N20MIMO	Ant2	5180	21.520	5169.360	5190.880	---	---
11N20MIMO	Ant1	5200	21.360	5189.400	5210.760	---	---
11N20MIMO	Ant2	5200	21.720	5189.200	5210.920	---	---
11N20MIMO	Ant1	5240	21.360	5229.400	5250.760	---	---
11N20MIMO	Ant2	5240	21.440	5229.280	5250.720	---	---
11N20MIMO	Ant1	5260	21.520	5249.240	5270.760	---	---
11N20MIMO	Ant2	5260	21.480	5249.440	5270.920	---	---
11N20MIMO	Ant1	5280	21.320	5269.520	5290.840	---	---
11N20MIMO	Ant2	5280	21.520	5269.240	5290.760	---	---
11N20MIMO	Ant1	5320	21.440	5309.320	5330.760	---	---
11N20MIMO	Ant2	5320	21.280	5309.400	5330.680	---	---
11N20MIMO	Ant1	5500	21.360	5489.400	5510.760	---	---

11N20MIMO	Ant2	5500	21.200	5489.520	5510.720	---	---
11N20MIMO	Ant1	5580	21.520	5569.320	5590.840	---	---
11N20MIMO	Ant2	5580	21.680	5569.200	5590.880	---	---
11N20MIMO	Ant1	5700	21.800	5689.240	5711.040	---	---
11N20MIMO	Ant2	5700	21.320	5689.320	5710.640	---	---
11N20MIMO	Ant1	5745	21.440	5734.360	5755.800	---	---
11N20MIMO	Ant2	5745	21.200	5734.560	5755.760	---	---
11N20MIMO	Ant1	5785	21.160	5774.560	5795.720	---	---
11N20MIMO	Ant2	5785	21.400	5774.280	5795.680	---	---
11N20MIMO	Ant1	5825	21.520	5814.280	5835.800	---	---
11N20MIMO	Ant2	5825	21.400	5814.320	5835.720	---	---
11N40MIMO	Ant1	5190	39.680	5170.160	5209.840	---	---
11N40MIMO	Ant2	5190	39.120	5170.480	5209.600	---	---
11N40MIMO	Ant1	5230	39.920	5210.160	5250.080	---	---
11N40MIMO	Ant2	5230	39.760	5210.160	5249.920	---	---
11N40MIMO	Ant1	5270	39.840	5250.160	5290.000	---	---
11N40MIMO	Ant2	5270	39.520	5250.320	5289.840	---	---
11N40MIMO	Ant1	5310	39.360	5290.480	5329.840	---	---
11N40MIMO	Ant2	5310	39.200	5290.480	5329.680	---	---
11N40MIMO	Ant1	5510	39.680	5490.320	5530.000	---	---
11N40MIMO	Ant2	5510	39.360	5490.400	5529.760	---	---
11N40MIMO	Ant1	5550	39.840	5530.160	5570.000	---	---
11N40MIMO	Ant2	5550	39.600	5530.320	5569.920	---	---
11N40MIMO	Ant1	5670	39.760	5650.160	5689.920	---	---
11N40MIMO	Ant2	5670	39.760	5650.320	5690.080	---	---
11N40MIMO	Ant1	5755	39.840	5735.160	5775.000	---	---
11N40MIMO	Ant2	5755	39.360	5735.400	5774.760	---	---
11N40MIMO	Ant1	5795	39.920	5775.240	5815.160	---	---
11N40MIMO	Ant2	5795	39.680	5775.080	5814.760	---	---
11AC20MIMO	Ant1	5180	21.520	5169.280	5190.800	---	---
11AC20MIMO	Ant2	5180	21.400	5169.320	5190.720	---	---
11AC20MIMO	Ant1	5200	21.480	5189.240	5210.720	---	---
11AC20MIMO	Ant2	5200	21.360	5189.400	5210.760	---	---
11AC20MIMO	Ant1	5240	21.640	5229.280	5250.920	---	---
11AC20MIMO	Ant2	5240	21.280	5229.360	5250.640	---	---
11AC20MIMO	Ant1	5260	21.760	5249.280	5271.040	---	---
11AC20MIMO	Ant2	5260	21.520	5249.240	5270.760	---	---
11AC20MIMO	Ant1	5280	21.480	5269.200	5290.680	---	---
11AC20MIMO	Ant2	5280	21.400	5269.440	5290.840	---	---
11AC20MIMO	Ant1	5320	21.600	5309.320	5330.920	---	---
11AC20MIMO	Ant2	5320	21.360	5309.400	5330.760	---	---

11AC20MIMO	Ant1	5500	21.640	5489.280	5510.920	---	---
11AC20MIMO	Ant2	5500	21.360	5489.400	5510.760	---	---
11AC20MIMO	Ant1	5580	21.520	5569.280	5590.800	---	---
11AC20MIMO	Ant2	5580	21.440	5569.320	5590.760	---	---
11AC20MIMO	Ant1	5700	40.000	5680.000	5720.000	---	---
11AC20MIMO	Ant2	5700	21.360	5689.320	5710.680	---	---
11AC20MIMO	Ant1	5745	21.480	5734.280	5755.760	---	---
11AC20MIMO	Ant2	5745	21.280	5734.400	5755.680	---	---
11AC20MIMO	Ant1	5785	21.560	5774.200	5795.760	---	---
11AC20MIMO	Ant2	5785	21.400	5774.280	5795.680	---	---
11AC20MIMO	Ant1	5825	21.520	5814.160	5835.680	---	---
11AC20MIMO	Ant2	5825	21.240	5814.400	5835.640	---	---
11AC40MIMO	Ant1	5190	39.840	5170.080	5209.920	---	---
11AC40MIMO	Ant2	5190	40.000	5170.000	5210.000	---	---
11AC40MIMO	Ant1	5230	40.000	5210.080	5250.080	---	---
11AC40MIMO	Ant2	5230	39.760	5209.920	5249.680	---	---
11AC40MIMO	Ant1	5270	40.000	5250.080	5290.080	---	---
11AC40MIMO	Ant2	5270	40.000	5249.920	5289.920	---	---
11AC40MIMO	Ant1	5310	39.920	5290.160	5330.080	---	---
11AC40MIMO	Ant2	5310	39.680	5290.080	5329.760	---	---
11AC40MIMO	Ant1	5510	39.840	5490.160	5530.000	---	---
11AC40MIMO	Ant2	5510	39.680	5490.160	5529.840	---	---
11AC40MIMO	Ant1	5550	39.680	5530.160	5569.840	---	---
11AC40MIMO	Ant2	5550	39.520	5530.240	5569.760	---	---
11AC40MIMO	Ant1	5670	39.920	5650.080	5690.000	---	---
11AC40MIMO	Ant2	5670	39.760	5650.080	5689.840	---	---
11AC40MIMO	Ant1	5755	40.000	5735.000	5775.000	---	---
11AC40MIMO	Ant2	5755	39.920	5735.000	5774.920	---	---
11AC40MIMO	Ant1	5795	39.920	5775.160	5815.080	---	---
11AC40MIMO	Ant2	5795	39.600	5775.080	5814.680	---	---
11AC80MIMO	Ant1	5210	82.400	5169.520	5251.920	---	---
11AC80MIMO	Ant2	5210	81.440	5169.360	5250.800	---	---
11AC80MIMO	Ant1	5290	82.880	5249.200	5332.080	---	---
11AC80MIMO	Ant2	5290	81.440	5249.200	5330.640	---	---
11AC80MIMO	Ant1	5530	82.880	5488.880	5571.760	---	---
11AC80MIMO	Ant2	5530	81.120	5489.680	5570.800	---	---
11AC80MIMO	Ant1	5610	82.880	5569.040	5651.920	---	---
11AC80MIMO	Ant2	5610	81.760	5569.040	5650.800	---	---
11AC80MIMO	Ant1	5775	82.400	5734.680	5817.080	---	---
11AC80MIMO	Ant2	5775	81.120	5734.680	5815.800	---	---
11AC160MIMO	Ant1	5250	163.520	5169.040	5332.560	---	---

11AC160MIMO	Ant2	5250	162.880	5168.720	5331.600	---	---
11AC160MIMO	Ant1	5250_UNII-1	80.96	5169.040	5250	---	---
11AC160MIMO	Ant2	5250_UNII-1	81.28	5168.720	5250	---	---
11AC160MIMO	Ant1	5250_UNII-2A	82.56	5250	5332.560	---	---
11AC160MIMO	Ant2	5250_UNII-2A	81.6	5250	5331.600	---	---
11AC160MIMO	Ant1	5570	163.840	5488.720	5652.560	---	---
11AC160MIMO	Ant2	5570	163.520	5488.400	5651.920	---	---
11AX20MIMO	Ant1	5180	21.480	5169.280	5190.760	---	---
11AX20MIMO	Ant2	5180	21.520	5169.280	5190.800	---	---
11AX20MIMO	Ant1	5200	21.720	5189.280	5211.000	---	---
11AX20MIMO	Ant2	5200	21.280	5189.440	5210.720	---	---
11AX20MIMO	Ant1	5240	21.680	5229.040	5250.720	---	---
11AX20MIMO	Ant2	5240	21.680	5229.160	5250.840	---	---
11AX20MIMO	Ant1	5260	21.560	5249.280	5270.840	---	---
11AX20MIMO	Ant2	5260	21.280	5249.400	5270.680	---	---
11AX20MIMO	Ant1	5280	21.440	5269.360	5290.800	---	---
11AX20MIMO	Ant2	5280	21.600	5269.200	5290.800	---	---
11AX20MIMO	Ant1	5320	21.280	5309.400	5330.680	---	---
11AX20MIMO	Ant2	5320	21.240	5309.400	5330.640	---	---
11AX20MIMO	Ant1	5500	21.720	5489.240	5510.960	---	---
11AX20MIMO	Ant2	5500	21.480	5489.440	5510.920	---	---
11AX20MIMO	Ant1	5580	21.360	5569.320	5590.680	---	---
11AX20MIMO	Ant2	5580	21.560	5569.280	5590.840	---	---
11AX20MIMO	Ant1	5700	21.680	5689.200	5710.880	---	---
11AX20MIMO	Ant2	5700	21.680	5689.120	5710.800	---	---
11AX20MIMO	Ant1	5745	21.560	5734.280	5755.840	---	---
11AX20MIMO	Ant2	5745	21.400	5734.400	5755.800	---	---
11AX20MIMO	Ant1	5785	21.720	5774.040	5795.760	---	---
11AX20MIMO	Ant2	5785	21.400	5774.400	5795.800	---	---
11AX20MIMO	Ant1	5825	21.720	5814.000	5835.720	---	---
11AX20MIMO	Ant2	5825	21.400	5814.360	5835.760	---	---
11AX40MIMO	Ant1	5190	40.400	5169.920	5210.320	---	---
11AX40MIMO	Ant2	5190	40.240	5169.840	5210.080	---	---
11AX40MIMO	Ant1	5230	40.240	5210.000	5250.240	---	---
11AX40MIMO	Ant2	5230	40.080	5210.080	5250.160	---	---
11AX40MIMO	Ant1	5270	40.080	5250.000	5290.080	---	---
11AX40MIMO	Ant2	5270	40.240	5250.000	5290.240	---	---
11AX40MIMO	Ant1	5310	40.800	5289.600	5330.400	---	---
11AX40MIMO	Ant2	5310	40.240	5290.000	5330.240	---	---
11AX40MIMO	Ant1	5510	40.240	5490.000	5530.240	---	---
11AX40MIMO	Ant2	5510	40.400	5490.000	5530.400	---	---

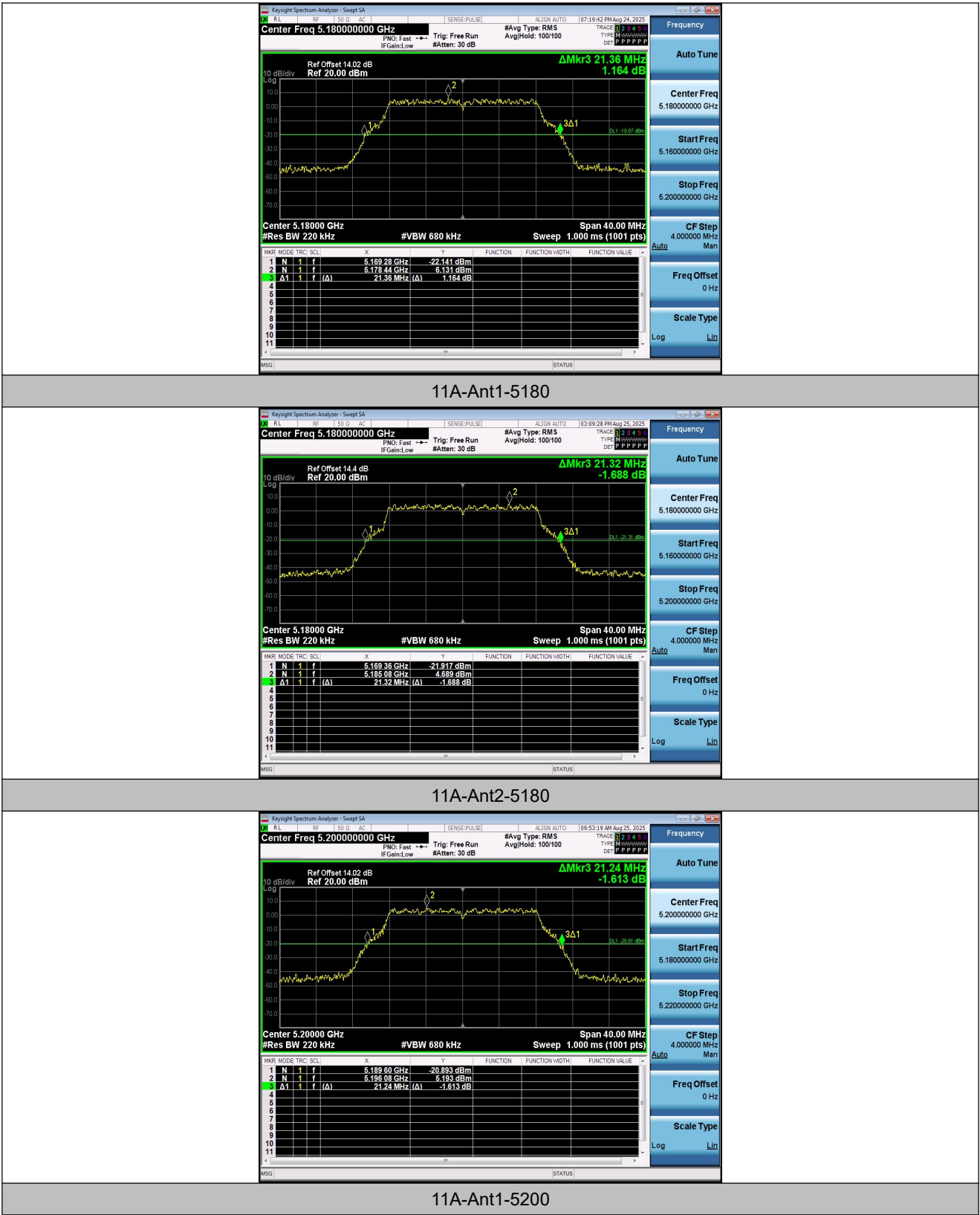
11AX40MIMO	Ant1	5550	40.480	5529.840	5570.320	---	---
11AX40MIMO	Ant2	5550	40.160	5530.000	5570.160	---	---
11AX40MIMO	Ant1	5670	40.400	5650.000	5690.400	---	---
11AX40MIMO	Ant2	5670	40.240	5650.000	5690.240	---	---
11AX40MIMO	Ant1	5755	40.320	5734.840	5775.160	---	---
11AX40MIMO	Ant2	5755	39.760	5735.240	5775.000	---	---
11AX40MIMO	Ant1	5795	40.640	5774.840	5815.480	---	---
11AX40MIMO	Ant2	5795	40.000	5775.160	5815.160	---	---
11AX80MIMO	Ant1	5210	81.120	5169.520	5250.640	---	---
11AX80MIMO	Ant2	5210	81.440	5169.680	5251.120	---	---
11AX80MIMO	Ant1	5290	81.120	5249.520	5330.640	---	---
11AX80MIMO	Ant2	5290	81.760	5249.360	5331.120	---	---
11AX80MIMO	Ant1	5530	81.600	5489.520	5571.120	---	---
11AX80MIMO	Ant2	5530	81.440	5489.360	5570.800	---	---
11AX80MIMO	Ant1	5610	81.280	5569.200	5650.480	---	---
11AX80MIMO	Ant2	5610	81.120	5569.680	5650.800	---	---
11AX80MIMO	Ant1	5775	81.280	5734.520	5815.800	---	---
11AX80MIMO	Ant2	5775	81.280	5734.840	5816.120	---	---
11AX160MIMO	Ant1	5250	163.840	5169.040	5332.880	---	---
11AX160MIMO	Ant2	5250	163.200	5168.400	5331.600	---	---
11AX160MIMO	Ant1	5250_UNII-1	80.96	5169.040	5250	---	---
11AX160MIMO	Ant2	5250_UNII-1	81.6	5168.400	5250	---	---
11AX160MIMO	Ant1	5250_UNII-2A	82.88	5250	5332.880	---	---
11AX160MIMO	Ant2	5250_UNII-2A	81.6	5250	5331.600	---	---
11AX160MIMO	Ant1	5570	163.840	5488.400	5652.240	---	---
11AX160MIMO	Ant2	5570	162.880	5488.720	5651.600	---	---
11BE20MIMO	Ant1	5180	21.760	5169.040	5190.800	---	---
11BE20MIMO	Ant2	5180	21.120	5169.480	5190.600	---	---
11BE20MIMO	Ant1	5200	21.640	5189.200	5210.840	---	---
11BE20MIMO	Ant2	5200	21.360	5189.360	5210.720	---	---
11BE20MIMO	Ant1	5240	21.360	5229.360	5250.720	---	---
11BE20MIMO	Ant2	5240	21.640	5229.200	5250.840	---	---
11BE20MIMO	Ant1	5260	21.560	5249.240	5270.800	---	---
11BE20MIMO	Ant2	5260	21.360	5249.280	5270.640	---	---
11BE20MIMO	Ant1	5280	21.440	5269.320	5290.760	---	---
11BE20MIMO	Ant2	5280	21.280	5269.320	5290.600	---	---
11BE20MIMO	Ant1	5320	21.200	5309.400	5330.600	---	---
11BE20MIMO	Ant2	5320	21.320	5309.400	5330.720	---	---
11BE20MIMO	Ant1	5500	21.480	5489.320	5510.800	---	---
11BE20MIMO	Ant2	5500	21.560	5489.280	5510.840	---	---
11BE20MIMO	Ant1	5580	21.560	5569.200	5590.760	---	---

11BE20MIMO	Ant2	5580	21.200	5569.480	5590.680	---	---
11BE20MIMO	Ant1	5700	21.560	5689.240	5710.800	---	---
11BE20MIMO	Ant2	5700	21.320	5689.440	5710.760	---	---
11BE20MIMO	Ant1	5745	40.000	5725.000	5765.000	---	---
11BE20MIMO	Ant2	5745	21.400	5734.280	5755.680	---	---
11BE20MIMO	Ant1	5785	21.400	5774.240	5795.640	---	---
11BE20MIMO	Ant2	5785	21.440	5774.240	5795.680	---	---
11BE20MIMO	Ant1	5825	21.320	5814.240	5835.560	---	---
11BE20MIMO	Ant2	5825	21.360	5814.440	5835.800	---	---
11BE40MIMO	Ant1	5190	40.320	5169.920	5210.240	---	---
11BE40MIMO	Ant2	5190	40.320	5169.760	5210.080	---	---
11BE40MIMO	Ant1	5230	40.720	5209.440	5250.160	---	---
11BE40MIMO	Ant2	5230	40.240	5209.920	5250.160	---	---
11BE40MIMO	Ant1	5270	40.320	5249.920	5290.240	---	---
11BE40MIMO	Ant2	5270	40.720	5249.600	5290.320	---	---
11BE40MIMO	Ant1	5310	40.880	5289.440	5330.320	---	---
11BE40MIMO	Ant2	5310	40.160	5290.080	5330.240	---	---
11BE40MIMO	Ant1	5510	40.320	5489.920	5530.240	---	---
11BE40MIMO	Ant2	5510	40.320	5490.080	5530.400	---	---
11BE40MIMO	Ant1	5550	40.320	5529.840	5570.160	---	---
11BE40MIMO	Ant2	5550	40.000	5530.240	5570.240	---	---
11BE40MIMO	Ant1	5670	40.400	5649.840	5690.240	---	---
11BE40MIMO	Ant2	5670	40.160	5649.920	5690.080	---	---
11BE40MIMO	Ant1	5755	40.800	5734.440	5775.240	---	---
11BE40MIMO	Ant2	5755	40.720	5734.760	5775.480	---	---
11BE40MIMO	Ant1	5795	40.240	5774.920	5815.160	---	---
11BE40MIMO	Ant2	5795	40.640	5774.680	5815.320	---	---
11BE80MIMO	Ant1	5210	82.080	5169.360	5251.440	---	---
11BE80MIMO	Ant2	5210	81.120	5169.680	5250.800	---	---
11BE80MIMO	Ant1	5290	81.280	5249.840	5331.120	---	---
11BE80MIMO	Ant2	5290	81.440	5249.680	5331.120	---	---
11BE80MIMO	Ant1	5530	81.920	5489.680	5571.600	---	---
11BE80MIMO	Ant2	5530	81.440	5489.680	5571.120	---	---
11BE80MIMO	Ant1	5610	81.920	5569.200	5651.120	---	---
11BE80MIMO	Ant2	5610	81.600	5569.360	5650.960	---	---
11BE80MIMO	Ant1	5775	82.240	5734.200	5816.440	---	---
11BE80MIMO	Ant2	5775	81.440	5734.680	5816.120	---	---
11BE160MIMO	Ant1	5250	163.520	5168.400	5331.920	---	---
11BE160MIMO	Ant2	5250	162.560	5169.040	5331.600	---	---
11BE160MIMO	Ant1	5250_UNII-1	81.6	5168.400	5250	---	---
11BE160MIMO	Ant2	5250_UNII-1	80.96	5169.040	5250	---	---

Reference No.: WTD25X07172964W001

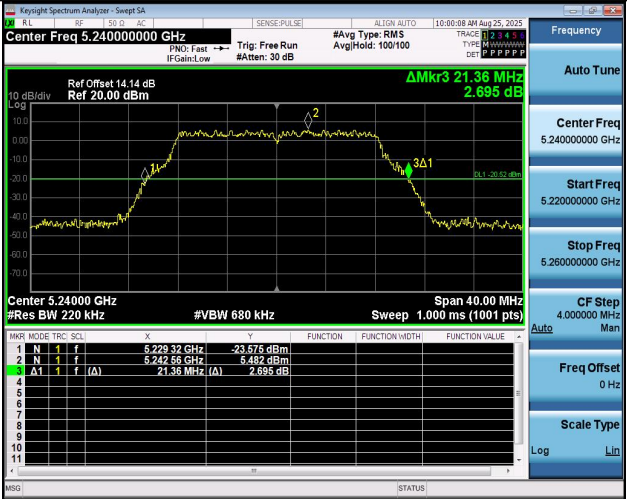
11BE160MIMO	Ant1	5250_UNII-2A	81.92	5250	5331.920	---	---
11BE160MIMO	Ant2	5250_UNII-2A	81.6	5250	5331.600	---	---
11BE160MIMO	Ant1	5570	163.840	5488.400	5652.240	---	---
11BE160MIMO	Ant2	5570	163.200	5488.400	5651.600	---	---

Test Graphs

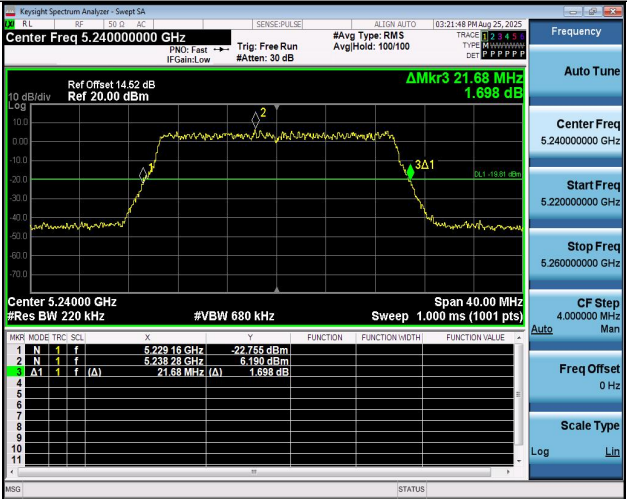




11A-Ant2-5200



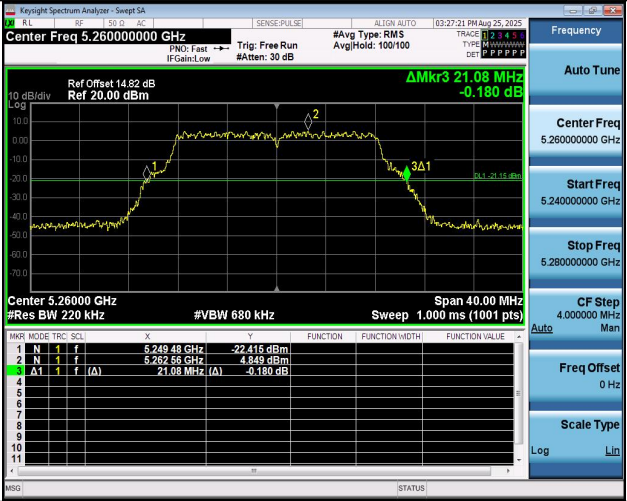
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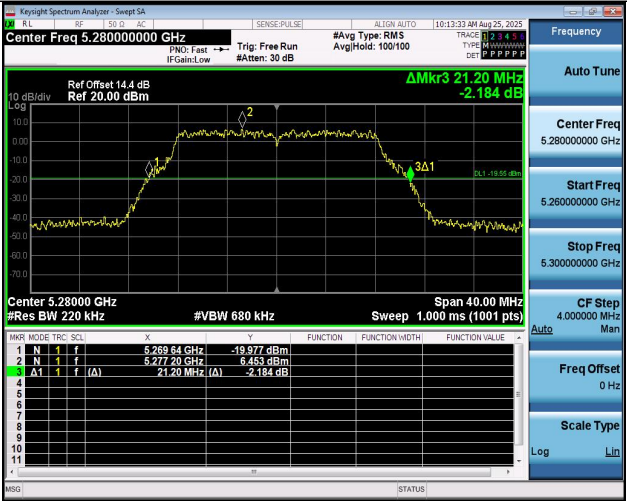
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11A-Ant1-5260



11A-Ant2-5260



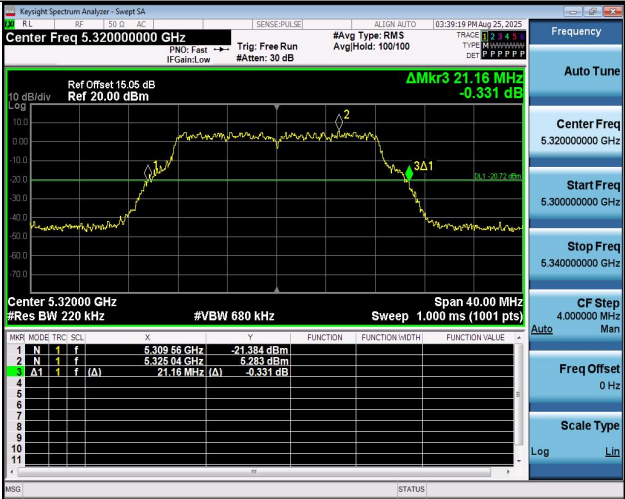
11A-Ant1-5280



11A-Ant2-5280



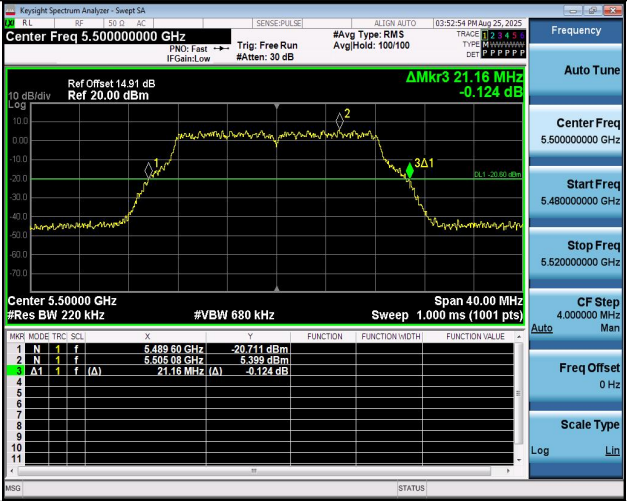
11A-Ant1-5320



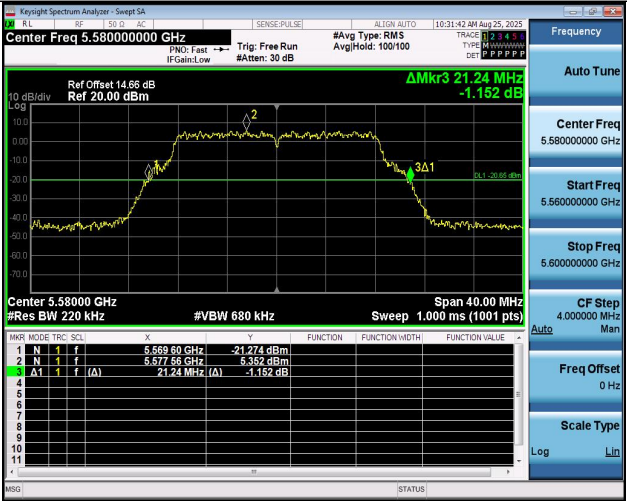
11A-Ant2-5320



11A-Ant1-5500



11A-Ant2-5500



11A-Ant1-5580