

TEST REPORT

Reference No..... : WTX25X07188392W001
FCC ID : 2A2P9-MT001
Applicant : EcoFlow Inc.
Address : RM 401, Plant #1, Runheng Industrial Zone, Fuhai Street, Bao'an District,
Shenzhen, 518000 China
Manufacturer : The same as Applicant
Address : The same as Applicant
Product Name : EcoFlow PowerInsight 2 Monitor
Model No..... : EF-MT-002
Standards : FCC Part 15.407
Date of Receipt sample : 2025-07-08
Date of Test..... : 2025-07-08 to 2025-08-23
Date of Issue : 2025-08-23
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.

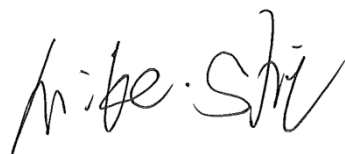
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Report version

Version No.	Date of issue	Description
Rev.00	2025-08-23	Original
/	/	/

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT	
Product Name:	EcoFlow PowerInsight 2 Monitor
Trade Name:	ECOFLOW; EF ECOFLOW
Model No.:	EF-MT-002
Adding Model(s):	/
Input:	Type-C DC5V3A; 9V2A; 12V1.5A
Input(Bracket):	Type-C DC5V3A; 9V3A; 12V2.5A
Output:	Type-C DC5V 0.5A
Battery Voltage:	DC3.85V
Battery Capacity:	4650mAh
Power Adapter:	/
<i>Note: The test data is gathered from a production sample, provided by the manufacturer.</i>	

Technical Characteristics of EUT(Q1-C4595)	
Support Standards:	802.11a, 802.11n-HT20, 802.11n-HT40, 802.11ac-VHT20/40/80, 802.11ax-HE20/40/80
Frequency Range:	5180-5240MHz, 5260-5320MHz 5500-5700MHz, 5745-5825MHz
Max. RF Output Power:	Antenna 1: 16.76dBm (Conducted) Antenna 2: 16.37dBm (Conducted)
Type of Modulation:	QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
Type of Antenna:	FPC Antenna
Antenna Gain:	Antenna 1: 4.59dBi Antenna 2: 2.09dBi
<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

Run commands 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:

Antenna 1												
Mode	Test Frequency (MHz)											
	NCB: 20MHz											
	5180	5200	5240	5260	5280	5320	5500	5580	5700	5745	5785	5825
802.11a	13	13	13	13	13	13	13	13	13	13	13	13
802.11n-HT20	12	12	12	12	12	12	12	12	12	12	12	12
802.11ac-VHT20	12	12	12	12	12	12	12	12	12	12	12	12
802.11ax-HE20	12	12	12	12	12	12	12	12	12	12	12	12
Mode	NCB: 40MHz											
	5190	5230	5270	5310	5510	5550	5670	5710	5755	5795		
802.11n-HT40	12	12	12	12	12	12	12	12	12	12	12	
802.11ac-VHT40	12	12	12	12	12	12	12	12	12	12	12	

802.11ax- HE40	12	12	12	12	12	12	12	12	12	12	12
Mode	NCB: 80MHz										
	5210	5290	5530	5610	5775						
802.11ac- VHT80	12	12	12	12	12						
802.11ax- HE80	12	12	12	12	12						

Antenna 2												
Mode	Test Frequency (MHz)											
	NCB: 20MHz											
	5180	5200	5240	5260	5280	5320	5500	5580	5700	5745	5785	5825
802.11a	13	13	13	13	13	13	13	13	13	13	13	13
802.11n- HT20	12	12	12	12	12	12	12	12	12	12	12	12
802.11ac- VHT20	11	11	11	11	11	11	11	11	11	11	11	11
802.11ax- HE20	11	11	11	11	11	11	11	11	11	11	11	11
Mode	NCB: 40MHz											
	5190	5230	5270	5310	5510	5550	5670	5710	5755	5795		
802.11n- HT40	11	11	11	11	11	11	11	11	11	11	11	11
802.11ac- VHT40	11	11	11	11	11	11	11	11	11	11	11	11
802.11ax- HE40	11	11	11	11	11	11	11	11	11	11	11	11
Mode	NCB: 80MHz											
	5210	5290	5530	5610	5775							
802.11ac- VHT80	11	11	11	11	11							
802.11ax- HE80	11	11	11	11	11							

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,5500MHz,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	802.11n-HT40	5190MHz,5230MHz,5270MHz,5310MHz,5510MHz,5550MHz,5670MHz,5755MHz,5795MHz
TM6	802.11ac-VHT40	5190MHz,5230MHz,5270MHz,5310MHz,5510MHz,5550MHz,5670MHz,5755MHz,5795MHz
TM7	802.11ax-HE40	5190MHz,5230MHz,5270MHz,5310MHz,5510MHz,5550MHz,5670MHz,5755MHz,5795MHz
TM8	802.11ac-VHT80	5210MHz,5290MHz,5530MHz,5610MHz,5775MHz
TM9	802.11ax-HE80	5210MHz,5290MHz,5530MHz,5610MHz,5775MHz
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 mode for this report; For Antenna 1 Gain is 4.59dBi; Antenna 2 Gain is 2.09dBi; According to KDB 662911, Directional gain = $10 \log[(10G1/20 + 10G2/20 + \dots + 10GN/20)^2 / NANT]$ dBi = 6.44dBi		
Note 3: Refer to appendix B for duty cycle.		

Test Conditions	
Temperature:	22~25 °C
Relative Humidity:	45~75 %
ATM Pressure:	1019 mbar

EUT Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
Type-C Cable	2.0	Shielded	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
Adapter	Huajin	HJ-PD66W-US	/

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
WTXE1103A 1003	Attenuator	Pasternack	PE4007-4	/	2025-02-23	2026-02-22
WTXE1003A 1-005	Coaxial Cable	/	0M4RFC	/	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
☐ 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 1001	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 1002	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 FPC antenna, 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.

(iv) For mobile and portable client devices in the 5.15-5.25GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250mW provided the maximum antenna gain does not exceed 6dBi. 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.

(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.

(iv) For mobile and portable client devices in the 5.15-5.25GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250mW provided the maximum antenna gain does not exceed 6 dBi. 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.

(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.: WTX25X07188392W001

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 A

7. Maximum Conducted Output Power

7.1 Standard Applicable

Section 15.407(a) Power limits:

(1) For the band 5.15-5.25GHz.

(iv) For mobile and portable client devices in the 5.15-5.25GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11dBm 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 6dBi.

(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 11dBm + 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.

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.

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

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

where:

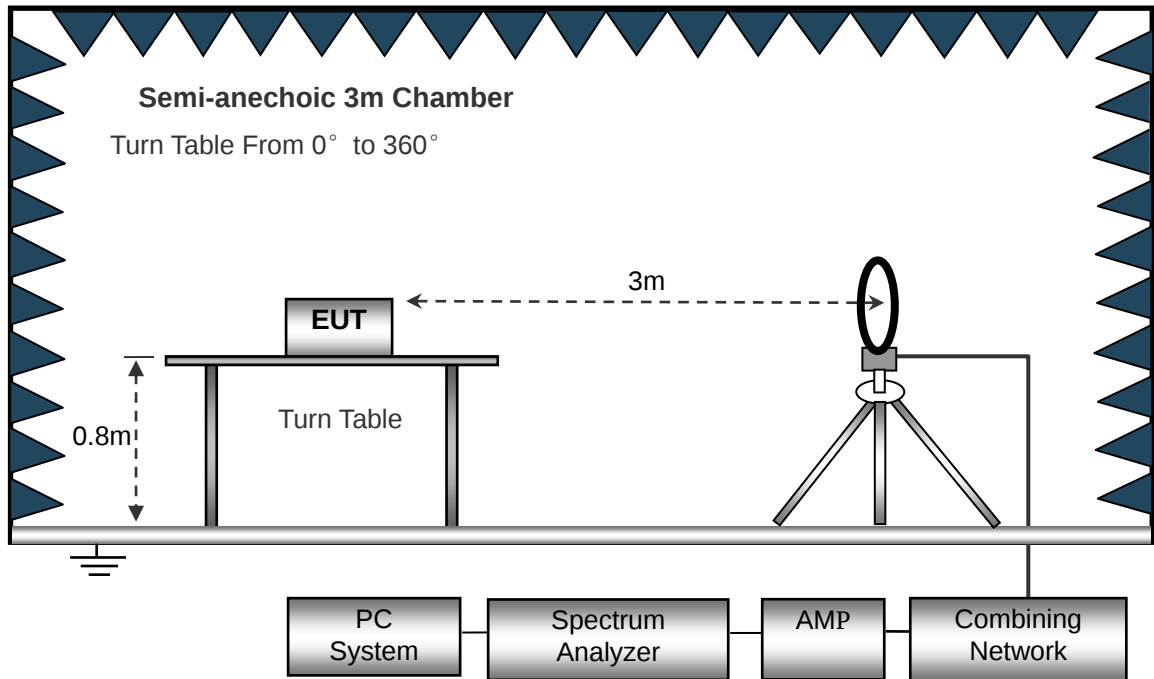
- E is the field strength in V/m;
- d is the measurement distance in meters;
- EIRP is the equivalent isotropically radiated power in watts.

8.2 Test Procedure

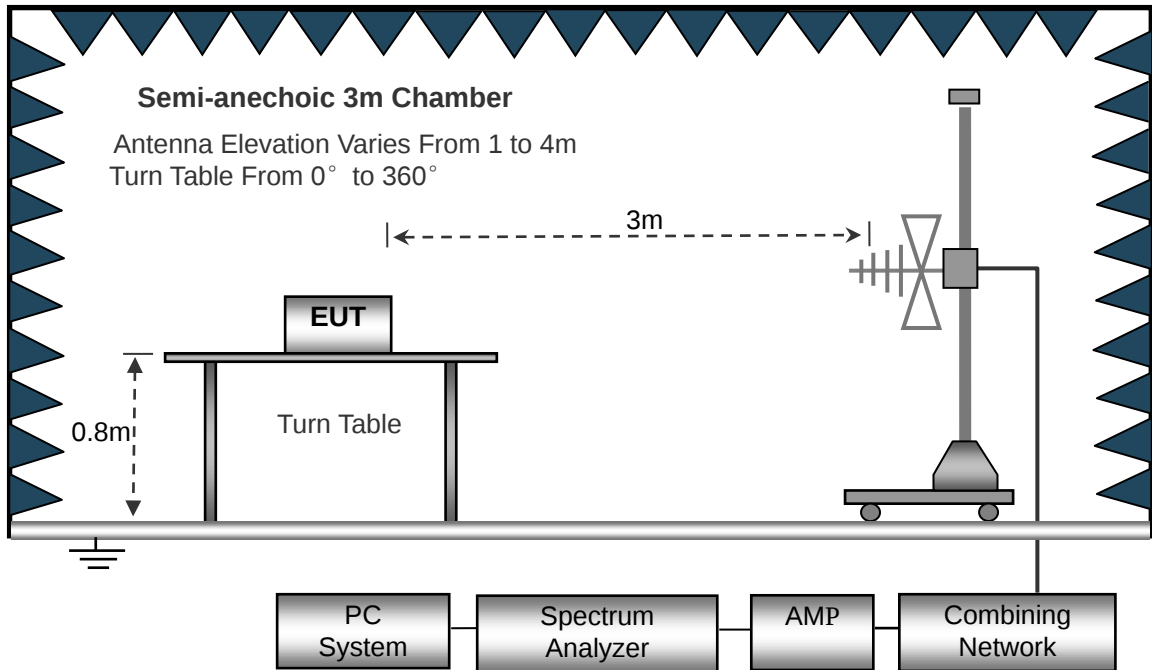
The setup of EUT is according with per ANSI C63.10-2020 measurement procedure. The specification used was with the FCC Part 15.205 15.407(b)(6) and FCC Part 15.209 Limit..

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.

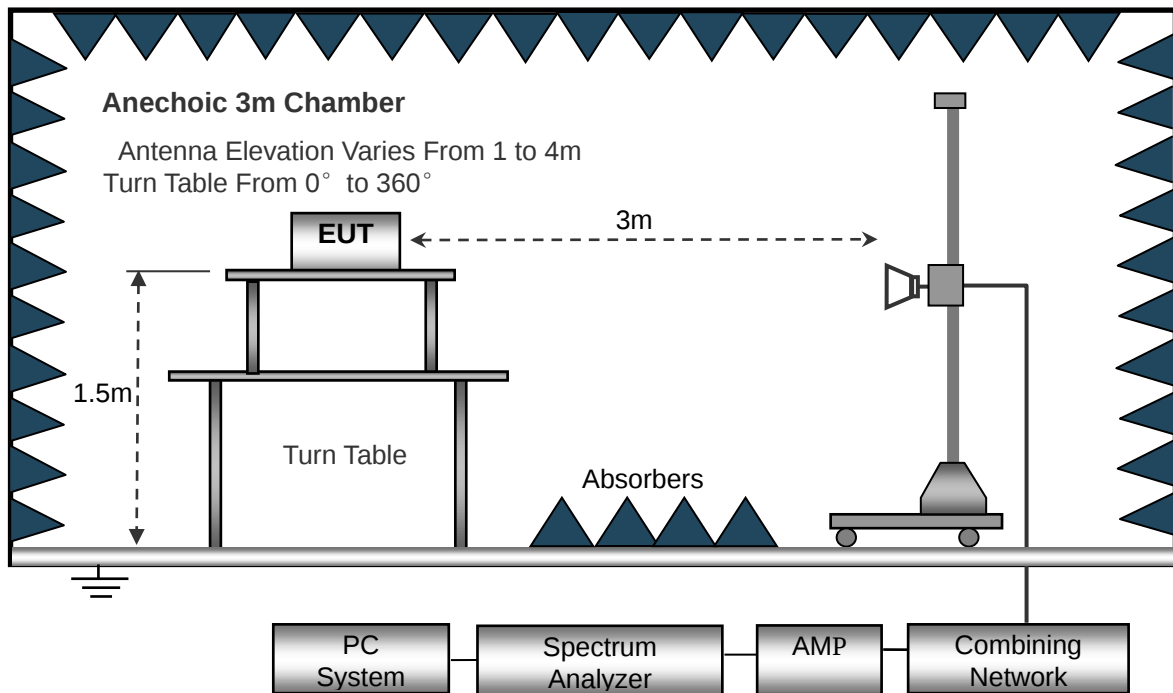
The test setup for emission measurement below 30MHz.



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 -6dBμV means the emission is 6dBμV below the maximum limit for Class B. The equation for margin calculation is as follows:

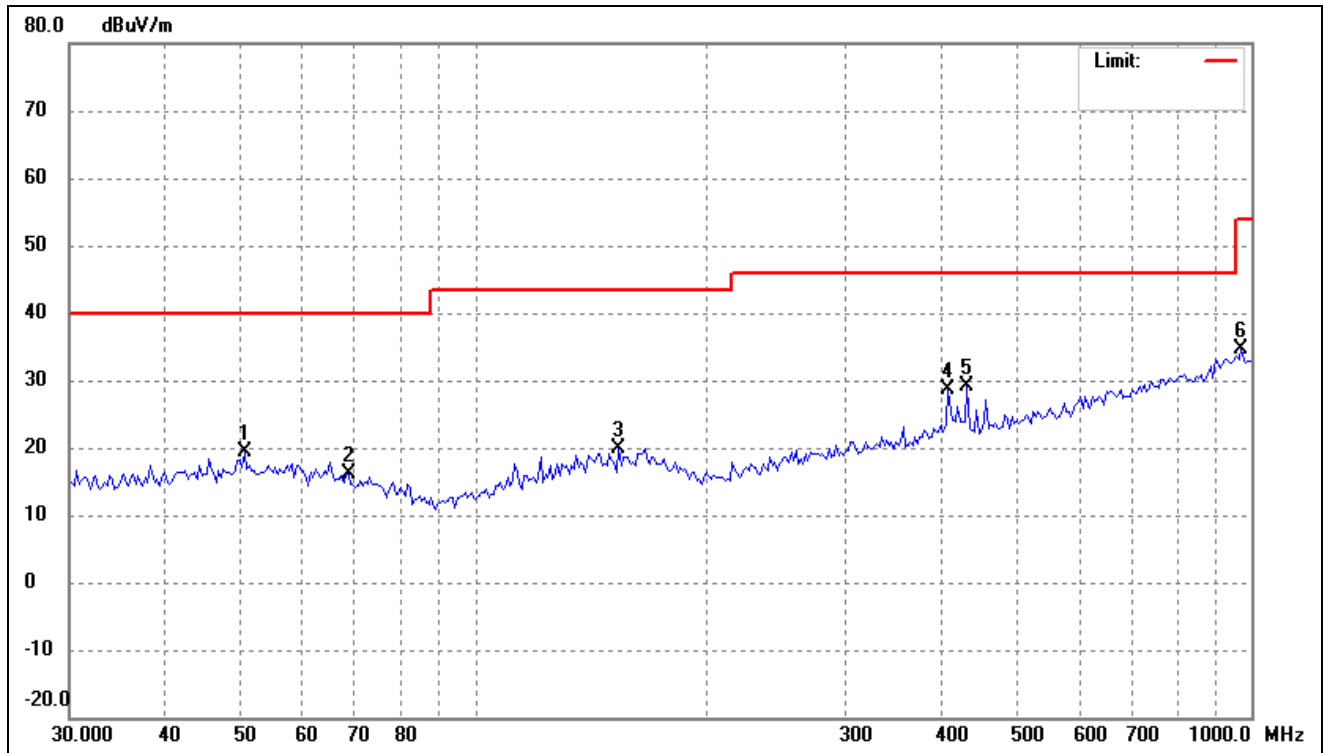
$$\text{Margin} = \text{Corr. Ampl.} - \text{FCC Part 15 Limit}$$

8.5 Summary of Test Results/Plots

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

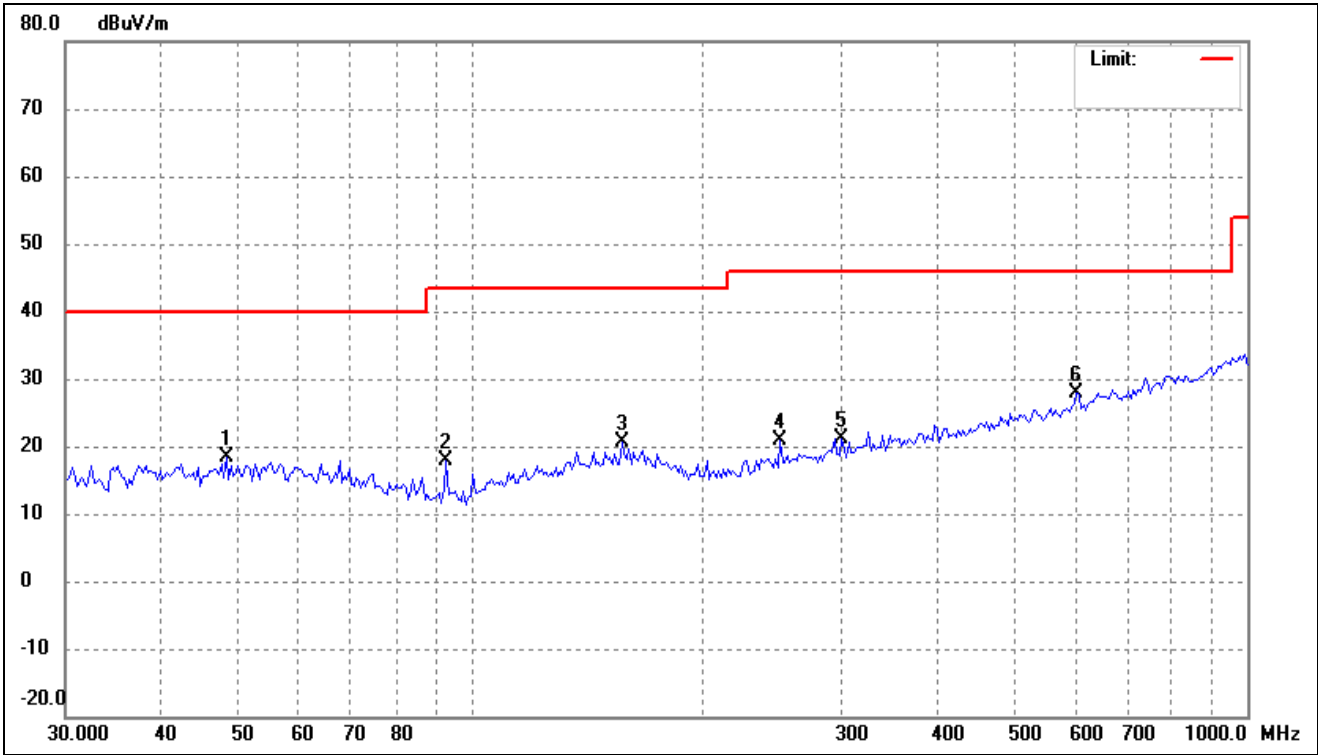
- Spurious Emission From 30MHz to 1GHz
- Antenna 1
- 5150-5250MHz

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	50.4614	28.39	-8.98	19.41	40.00	-20.59	-	-	peak
2	68.7450	27.08	-10.91	16.17	40.00	-23.83	-	-	peak
3	153.1627	28.71	-8.77	19.94	43.50	-23.56	-	-	peak
4	406.7820	34.54	-6.01	28.53	46.00	-17.47	-	-	peak
5	430.3053	34.76	-5.61	29.15	46.00	-16.85	-	-	peak
6	972.2827	31.58	2.98	34.56	54.00	-19.44	-	-	peak

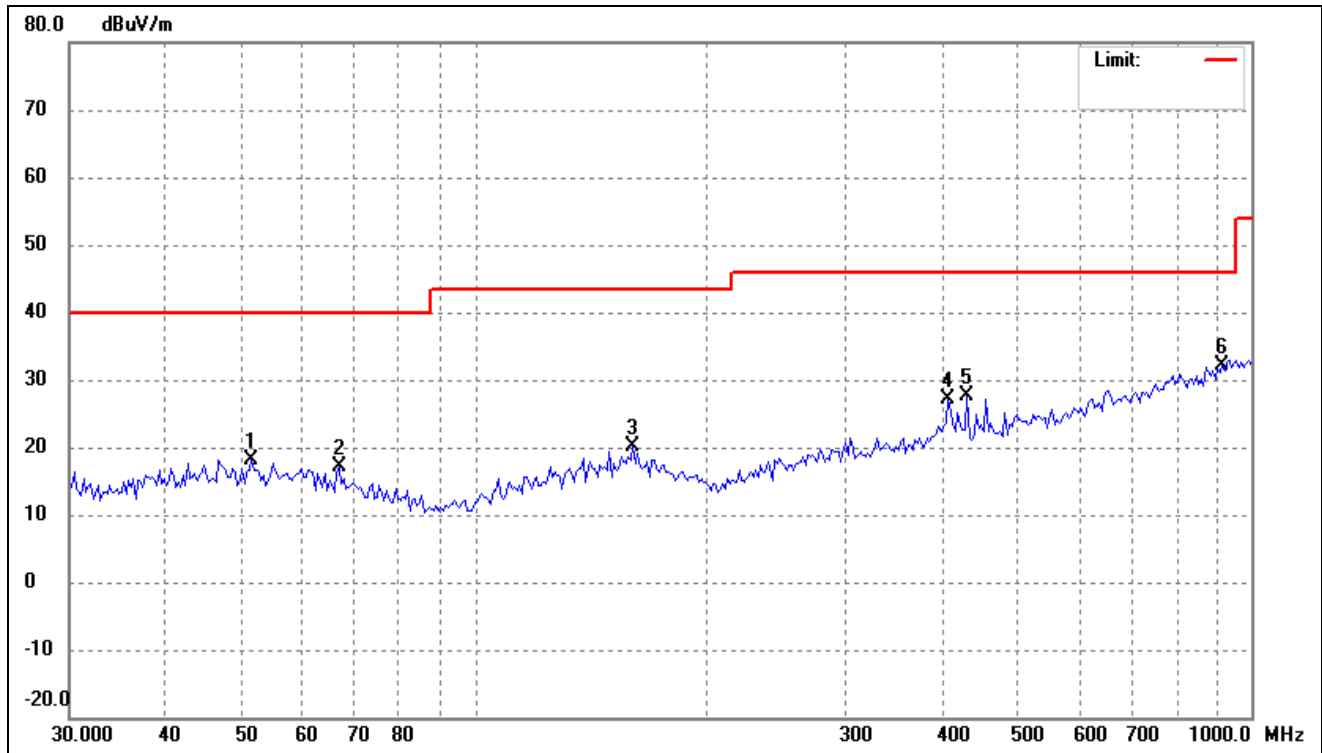
802.11a(Worst case)			
Test Channel	5180MHz(Worst case)	Polarity:	Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	48.3779	27.45	-9.02	18.43	40.00	-21.57	-	-	peak
2	92.9974	32.36	-14.44	17.92	43.50	-25.58	-	-	peak
3	156.4258	29.11	-8.58	20.53	43.50	-22.97	-	-	peak
4	250.4859	30.44	-9.57	20.87	46.00	-25.13	-	-	peak
5	300.6988	28.92	-7.73	21.19	46.00	-24.81	-	-	peak
6	602.9287	29.84	-2.06	27.78	46.00	-18.22	-	-	peak

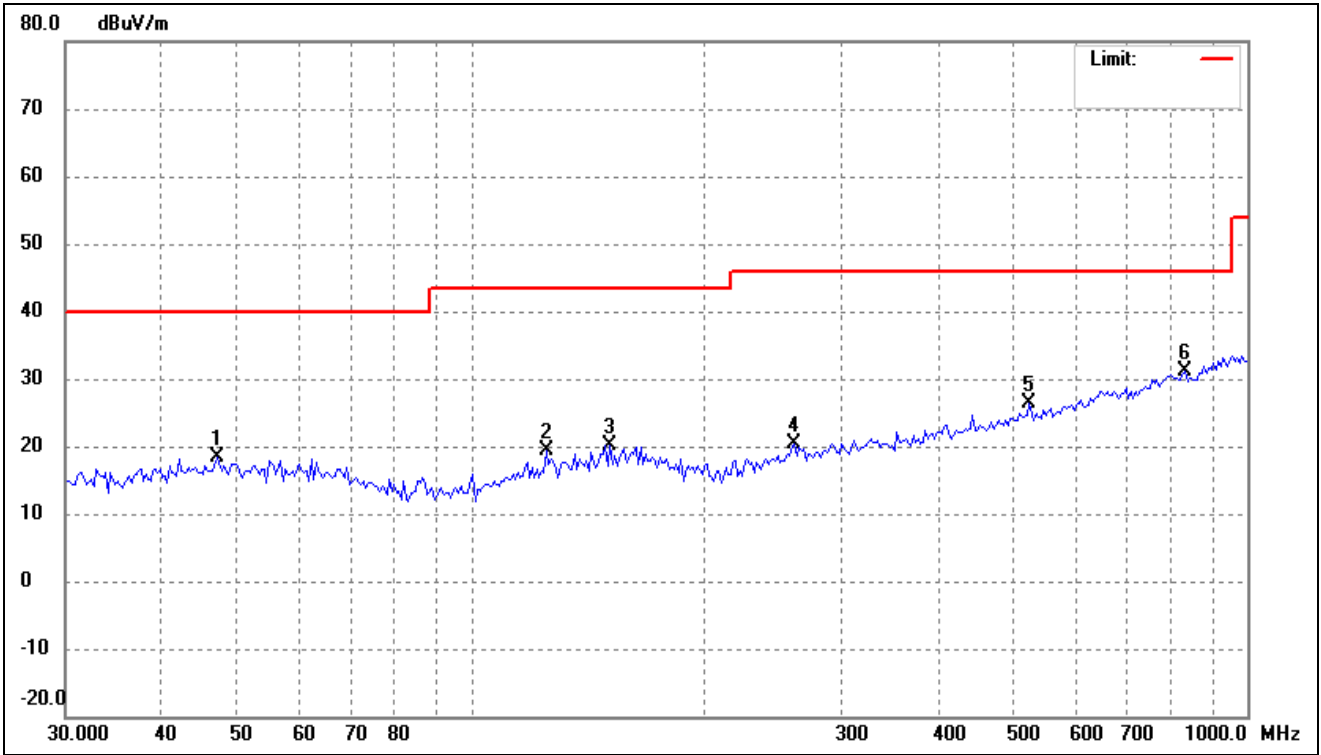
➤ 5250-5350MHz

802.11a(worst case)			
Test Channel	5260MHz(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	51.5365	27.14	-8.99	18.15	40.00	-21.85	-	-	peak
2	66.8395	27.68	-10.51	17.17	40.00	-22.83	-	-	peak
3	159.7586	28.57	-8.53	20.04	43.50	-23.46	-	-	peak
4	406.7820	33.26	-6.01	27.25	46.00	-18.75	-	-	peak
5	430.3053	33.23	-5.61	27.62	46.00	-18.38	-	-	peak
6	919.1315	29.69	2.33	32.02	46.00	-13.98	-	-	peak

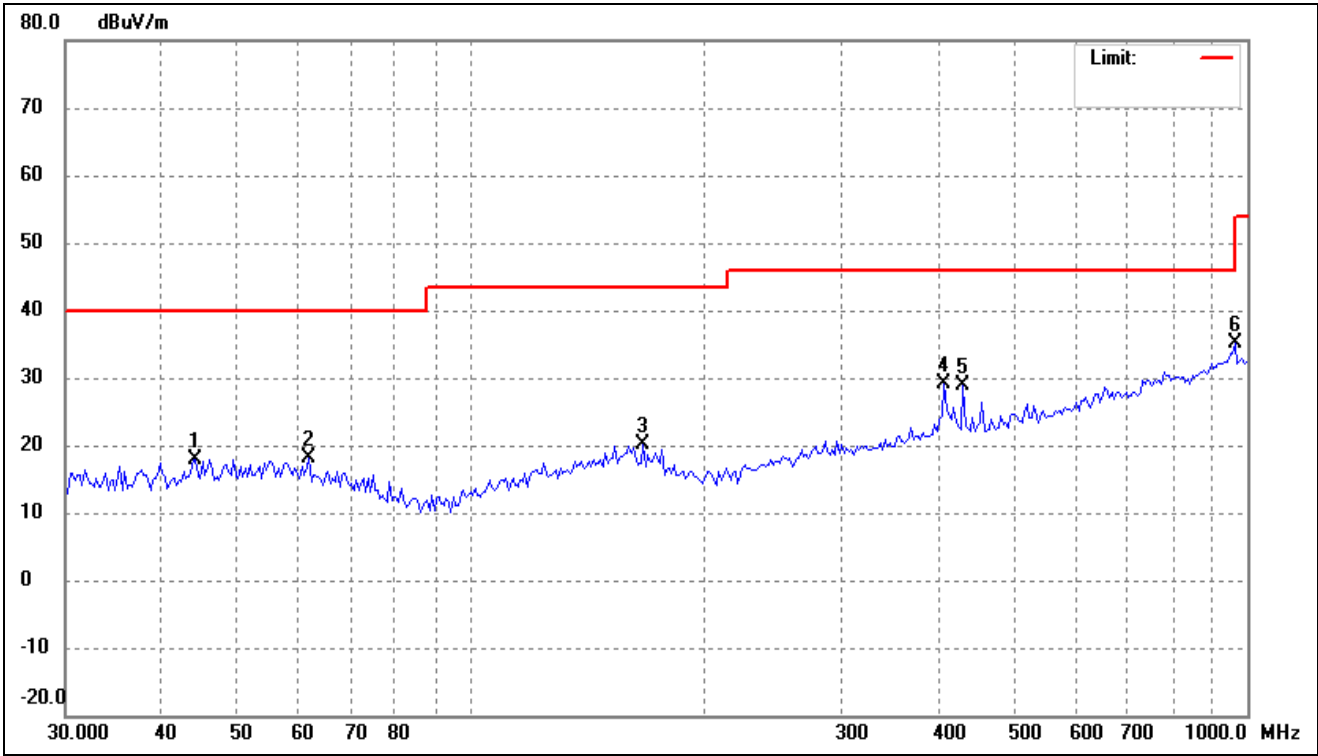
802.11a(worst case)			
Test Channel	5260MHz(worst case)	Polarity:	Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	47.0371	27.38	-9.01	18.37	40.00	-21.63	-	-	peak
2	124.9249	29.92	-10.50	19.42	43.50	-24.08	-	-	peak
3	151.0252	29.14	-8.90	20.24	43.50	-23.26	-	-	peak
4	261.2730	29.71	-9.24	20.47	46.00	-25.53	-	-	peak
5	523.8763	30.23	-3.86	26.37	46.00	-19.63	-	-	peak
6	833.0127	30.20	0.98	31.18	46.00	-14.82	-	-	peak

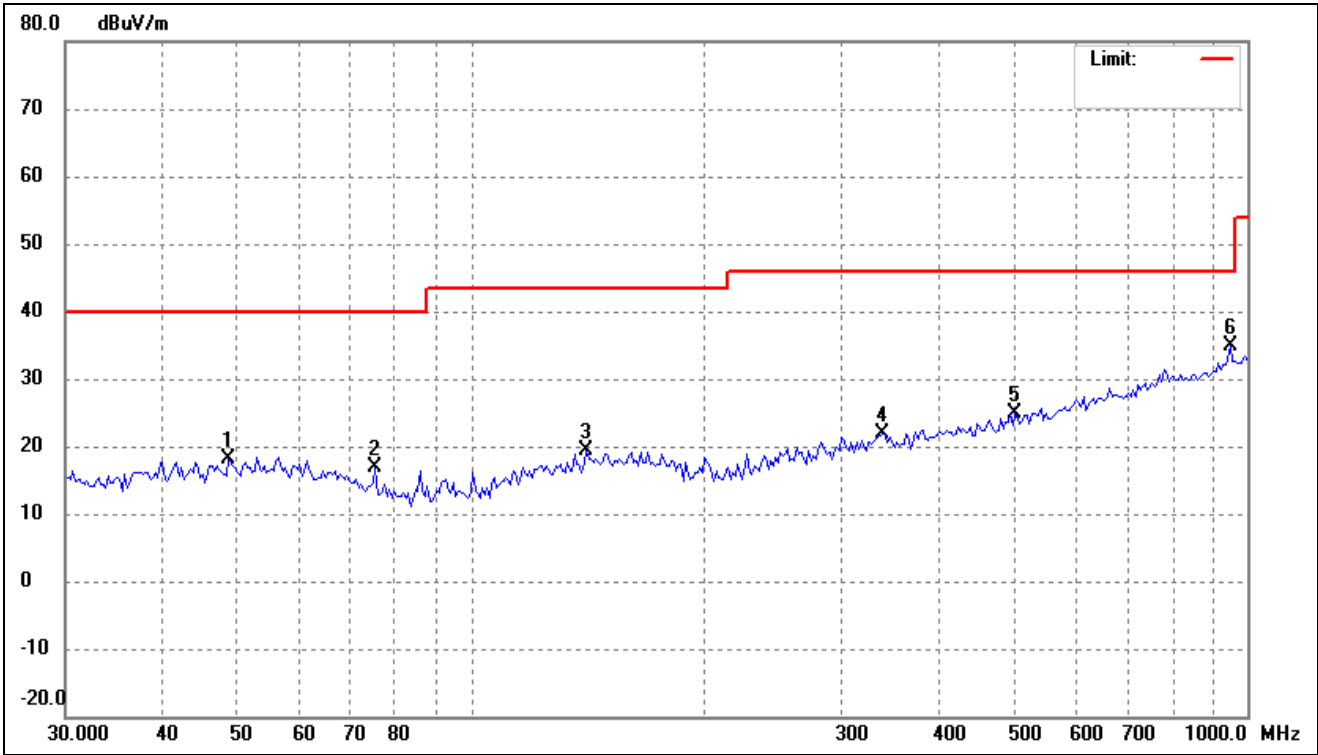
➤ 5470-5725MHz

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	44.1544	27.07	-9.13	17.94	40.00	-22.06	-	-	peak
2	61.8676	27.83	-9.80	18.03	40.00	-21.97	-	-	peak
3	166.6385	28.77	-8.75	20.02	43.50	-23.48	-	-	peak
4	406.7820	35.07	-6.01	29.06	46.00	-16.94	-	-	peak
5	430.3053	34.53	-5.61	28.92	46.00	-17.08	-	-	peak
6	965.4742	32.16	2.98	35.14	54.00	-18.86	-	-	peak

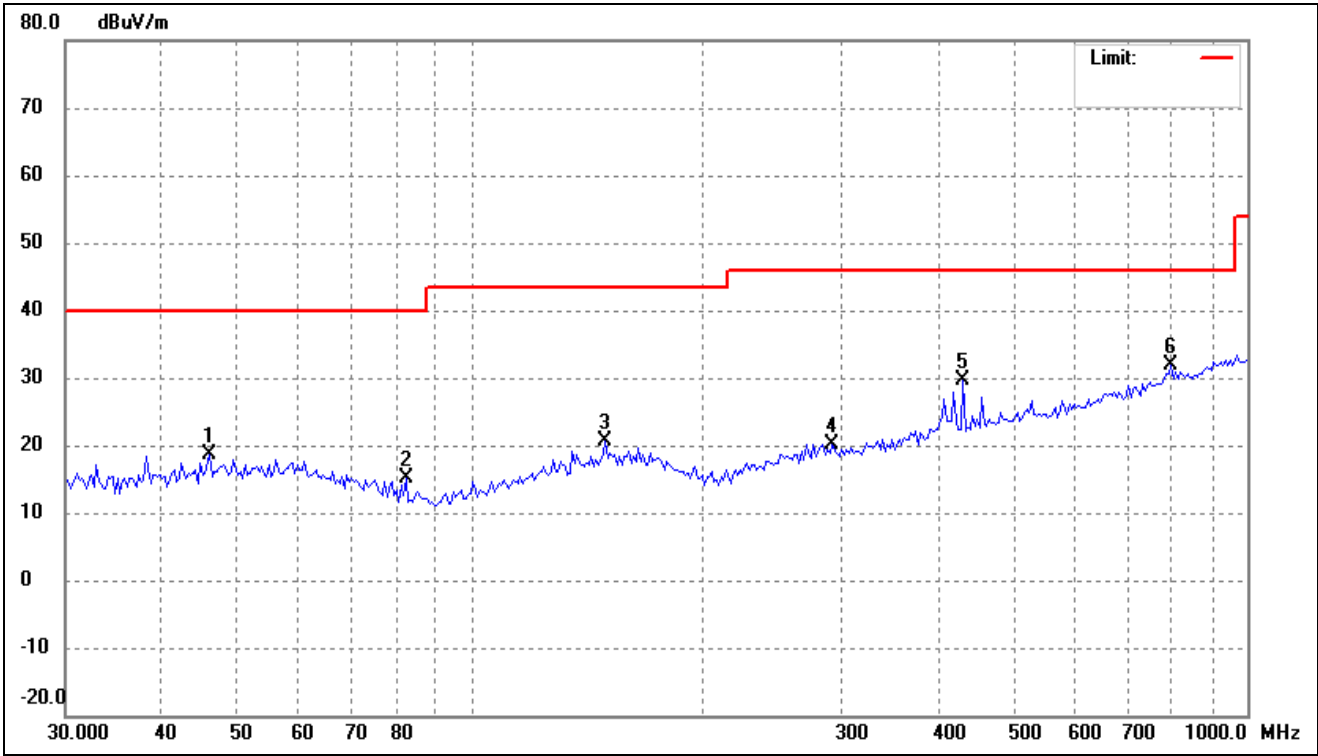
802.11a(worst case)			
Test Channel	5500MHz(worst case)	Polarity:	Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	48.7191	27.11	-9.02	18.09	40.00	-21.91	-	-	peak
2	75.3208	29.06	-12.14	16.92	40.00	-23.08	-	-	peak
3	140.7767	28.73	-9.32	19.41	43.50	-24.09	-	-	peak
4	338.8546	28.91	-7.10	21.81	46.00	-24.19	-	-	peak
5	502.2473	29.29	-4.31	24.98	46.00	-21.02	-	-	peak
6	952.0001	31.84	2.95	34.79	46.00	-11.21	-	-	peak

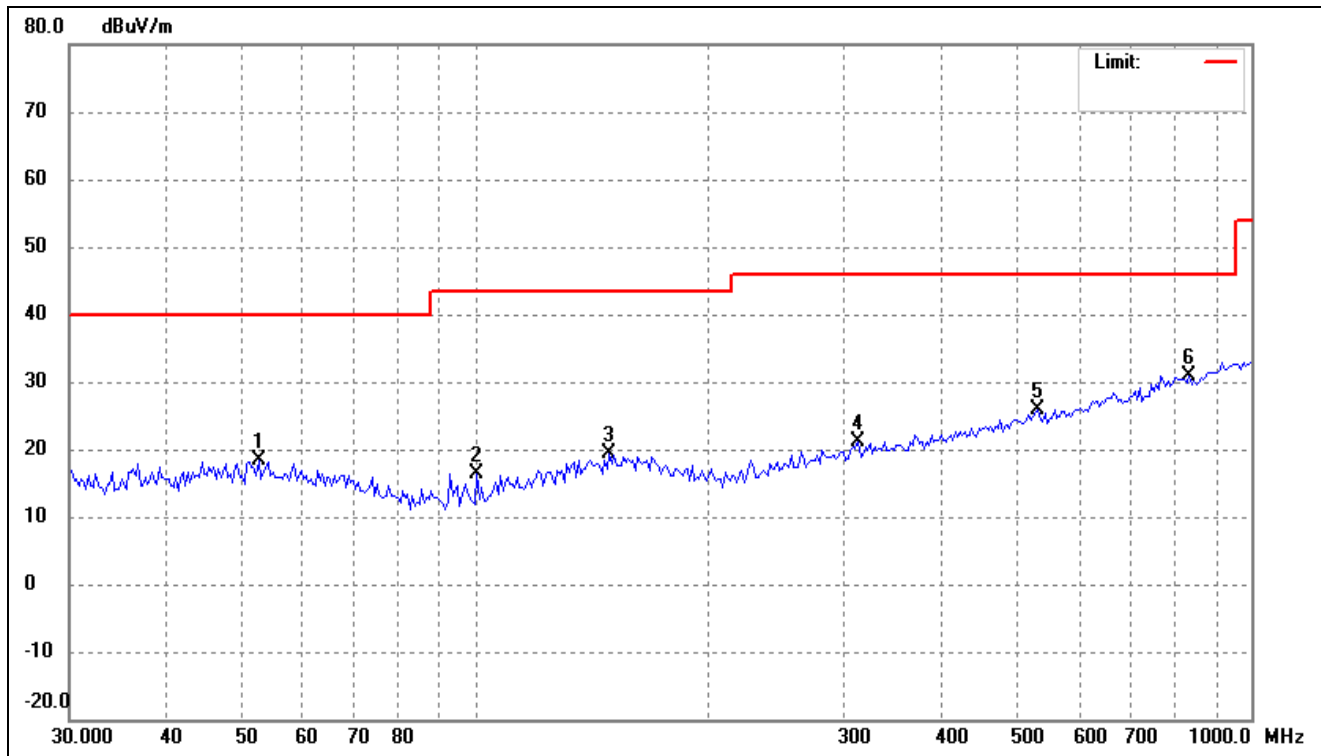
➤ 5725-5850MHz

802.11a(worst case)			
Test Channel	5745MHz(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	46.0558	27.70	-9.03	18.67	40.00	-21.33	-	-	peak
2	82.5257	28.62	-13.53	15.09	40.00	-24.91	-	-	peak
3	148.9175	29.64	-8.91	20.73	43.50	-22.77	-	-	peak
4	292.3643	28.16	-7.91	20.25	46.00	-25.75	-	-	peak
5	430.3053	35.21	-5.61	29.60	46.00	-16.40	-	-	peak
6	798.6205	30.92	0.99	31.91	46.00	-14.09	-	-	peak

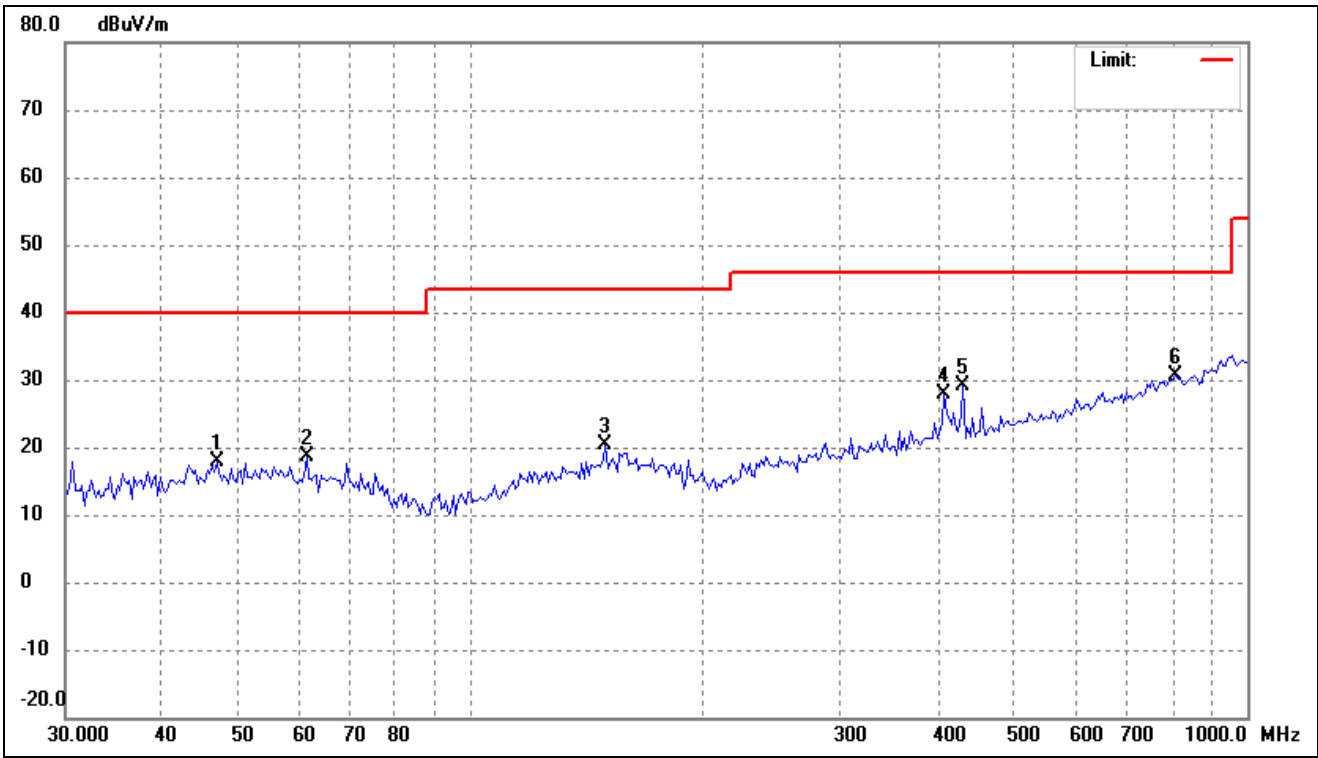
802.11a(worst case)			
Test Channel	5745MHz(worst case)	Polarity:	Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	52.6345	27.45	-9.04	18.41	40.00	-21.59	-	-	peak
2	100.4712	29.78	-13.50	16.28	43.50	-27.22	-	-	peak
3	148.9175	28.34	-8.91	19.43	43.50	-24.07	-	-	peak
4	311.4519	28.60	-7.48	21.12	46.00	-24.88	-	-	peak
5	531.2910	29.66	-3.80	25.86	46.00	-20.14	-	-	peak
6	833.0127	29.94	0.98	30.92	46.00	-15.08	-	-	peak

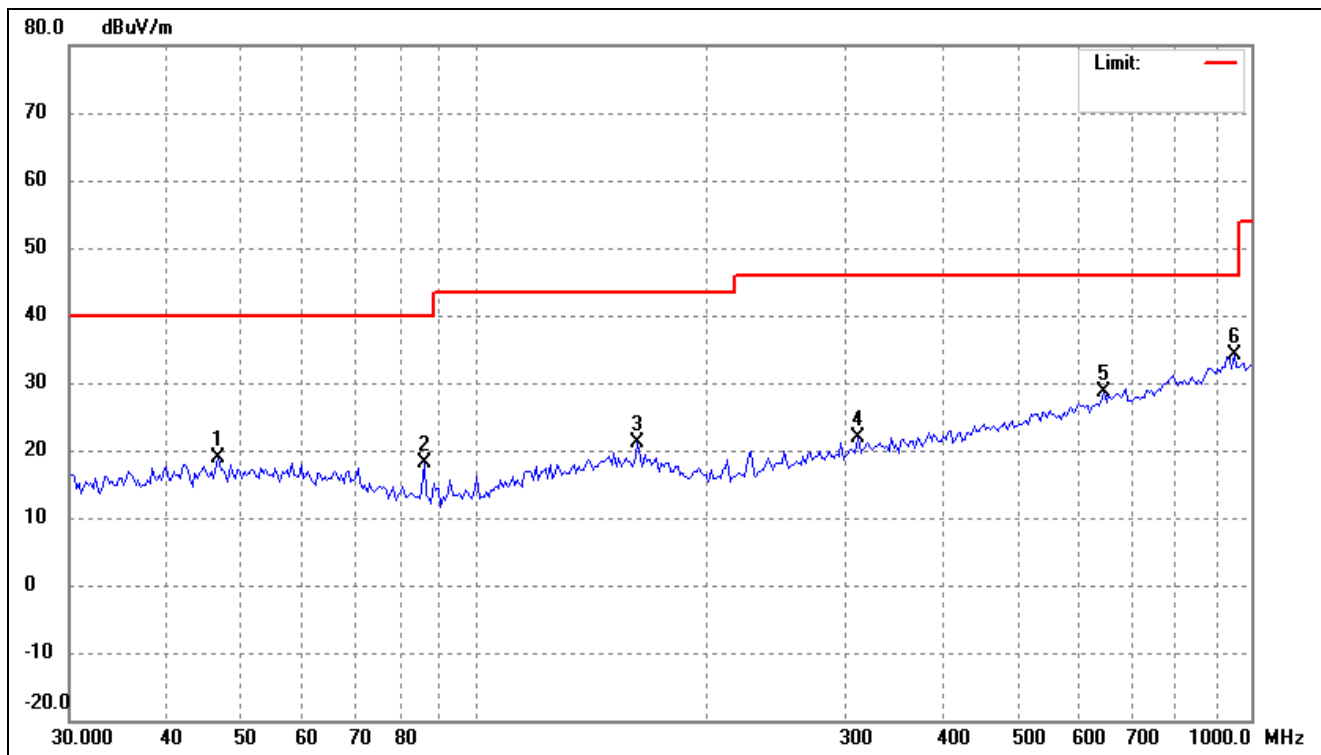
- Antenna 2
- 5150-5250MHz

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	47.0371	26.93	-9.01	17.92	40.00	-22.08	-	-	peak
2	61.4343	28.42	-9.74	18.68	40.00	-21.32	-	-	peak
3	148.9175	29.21	-8.91	20.30	43.50	-23.20	-	-	peak
4	406.7820	33.77	-6.01	27.76	46.00	-18.24	-	-	peak
5	430.3053	34.74	-5.61	29.13	46.00	-16.87	-	-	peak
6	809.9238	29.68	1.00	30.68	46.00	-15.32	-	-	peak

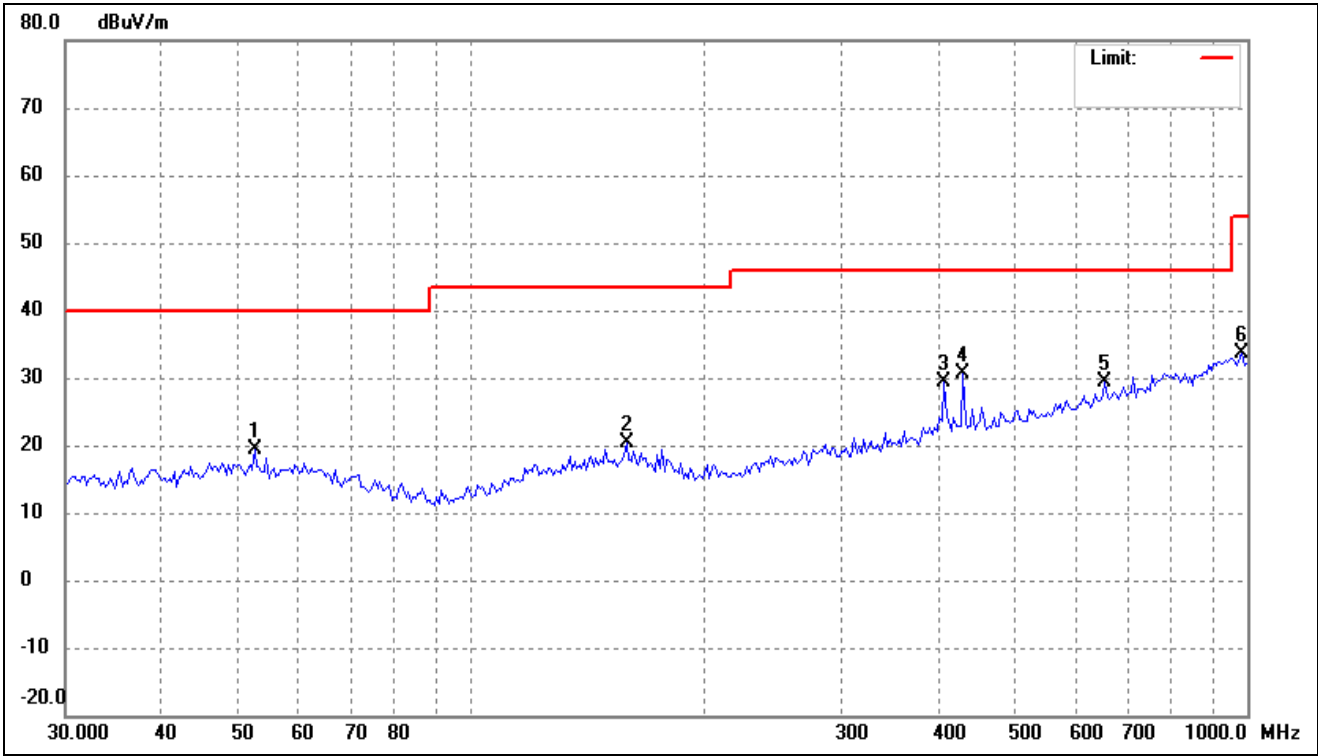
802.11a(Worst case)			
Test Channel	5180MHz(Worst case)	Polarity:	Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	46.7077	27.81	-9.01	18.80	40.00	-21.20	-	-	peak
2	86.0796	32.17	-14.07	18.10	40.00	-21.90	-	-	peak
3	162.0197	29.56	-8.53	21.03	43.50	-22.47	-	-	peak
4	311.4519	29.26	-7.48	21.78	46.00	-24.22	-	-	peak
5	646.8217	30.15	-1.45	28.70	46.00	-17.30	-	-	peak
6	952.0001	31.24	2.95	34.19	46.00	-11.81	-	-	peak

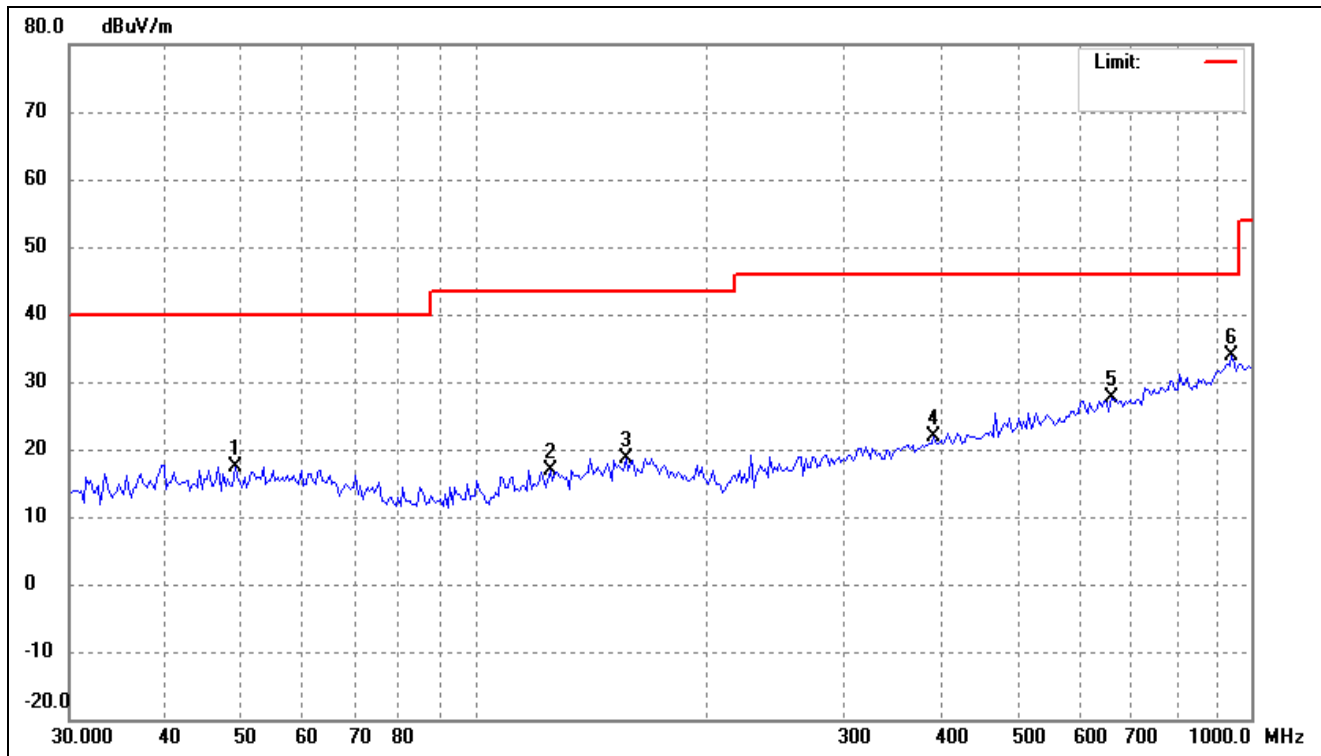
➤ 5250-5350MHz

802.11a(worst case)			
Test Channel	5260MHz(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	52.6345	28.54	-9.04	19.50	40.00	-20.50	-	-	peak
2	158.6399	28.84	-8.56	20.28	43.50	-23.22	-	-	peak
3	406.7820	35.30	-6.01	29.29	46.00	-16.71	-	-	peak
4	430.3053	36.30	-5.61	30.69	46.00	-15.31	-	-	peak
5	655.9766	30.56	-1.30	29.26	46.00	-16.74	-	-	peak
6	986.0440	30.60	3.01	33.61	54.00	-20.39	-	-	peak

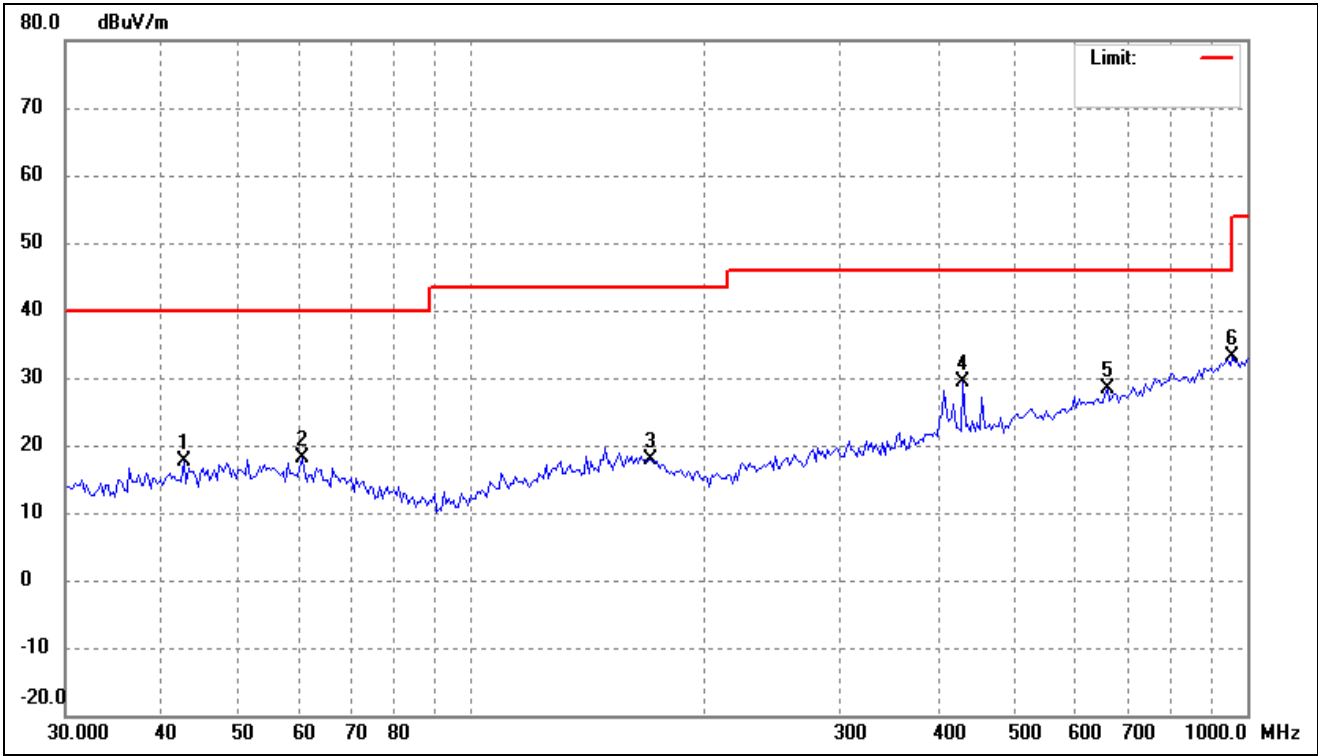
802.11a(worst case)			
Test Channel	5260MHz(worst case)	Polarity:	Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	49.0627	26.46	-9.00	17.46	40.00	-22.54	-	-	peak
2	124.9249	27.34	-10.50	16.84	43.50	-26.66	-	-	peak
3	156.4259	27.22	-8.58	18.64	43.50	-24.86	-	-	peak
4	389.9874	28.17	-6.29	21.88	46.00	-24.12	-	-	peak
5	660.6025	28.98	-1.26	27.72	46.00	-18.28	-	-	peak
6	945.3336	31.03	2.85	33.88	46.00	-12.12	-	-	peak

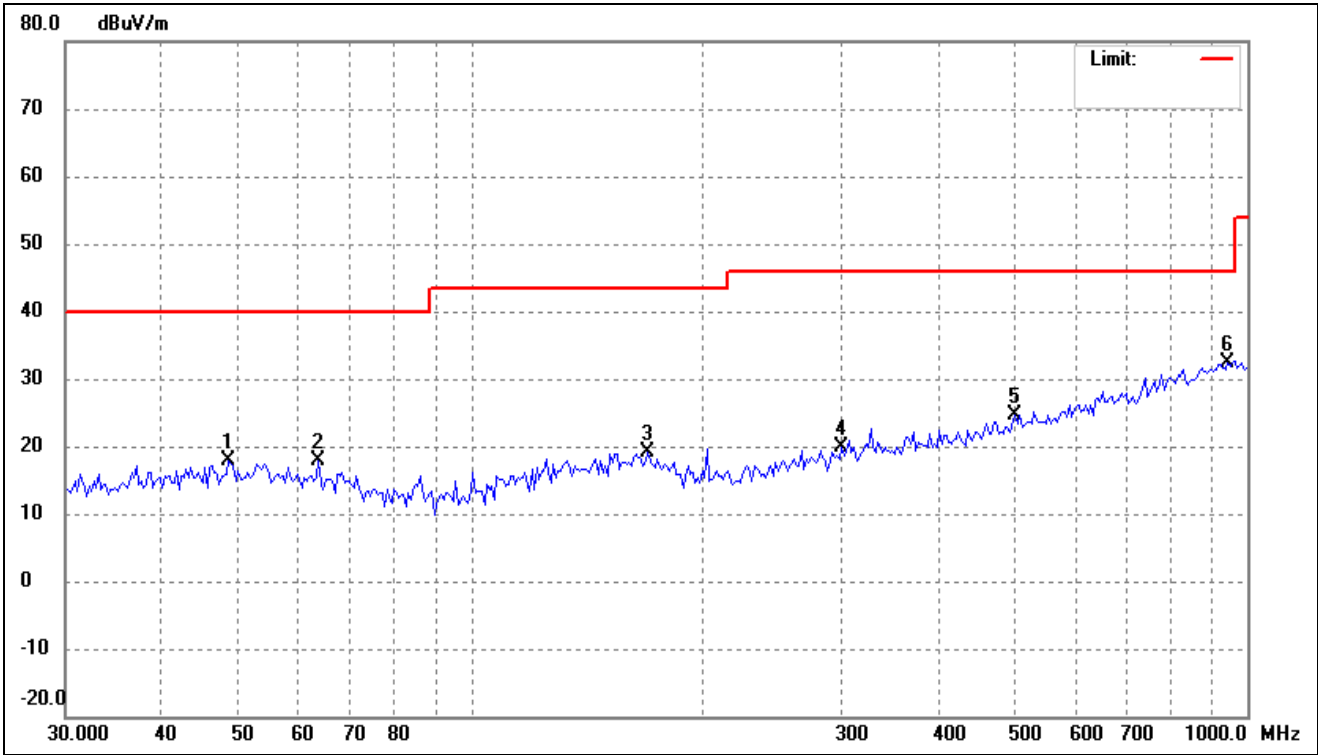
➤ 5470-5725MHz

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	42.6299	26.89	-9.30	17.59	40.00	-22.41	-	-	peak
2	60.5769	27.72	-9.63	18.09	40.00	-21.91	-	-	peak
3	170.1888	26.74	-8.87	17.87	43.50	-25.63	-	-	peak
4	430.3053	35.11	-5.61	29.50	46.00	-16.50	-	-	peak
5	660.6025	29.71	-1.26	28.45	46.00	-17.55	-	-	peak
6	958.7135	30.11	2.97	33.08	46.00	-12.92	-	-	peak

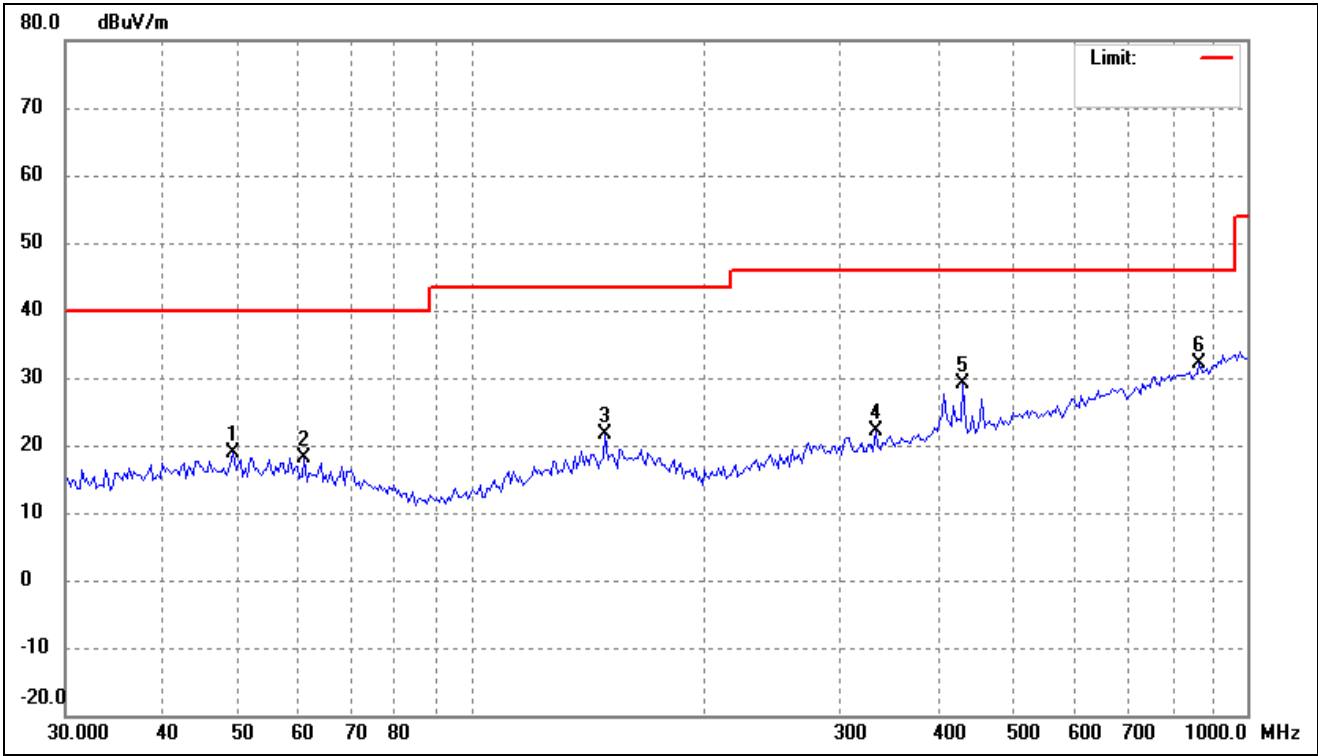
802.11a(worst case)			
Test Channel	5500MHz(worst case)	Polarity:	Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	48.7191	26.80	-9.02	17.78	40.00	-22.22	-	-	peak
2	63.6312	28.00	-10.03	17.97	40.00	-22.03	-	-	peak
3	168.9970	28.05	-8.80	19.25	43.50	-24.25	-	-	peak
4	300.6988	27.62	-7.73	19.89	46.00	-26.11	-	-	peak
5	502.2473	28.93	-4.31	24.62	46.00	-21.38	-	-	peak
6	945.3336	29.43	2.85	32.28	46.00	-13.72	-	-	peak

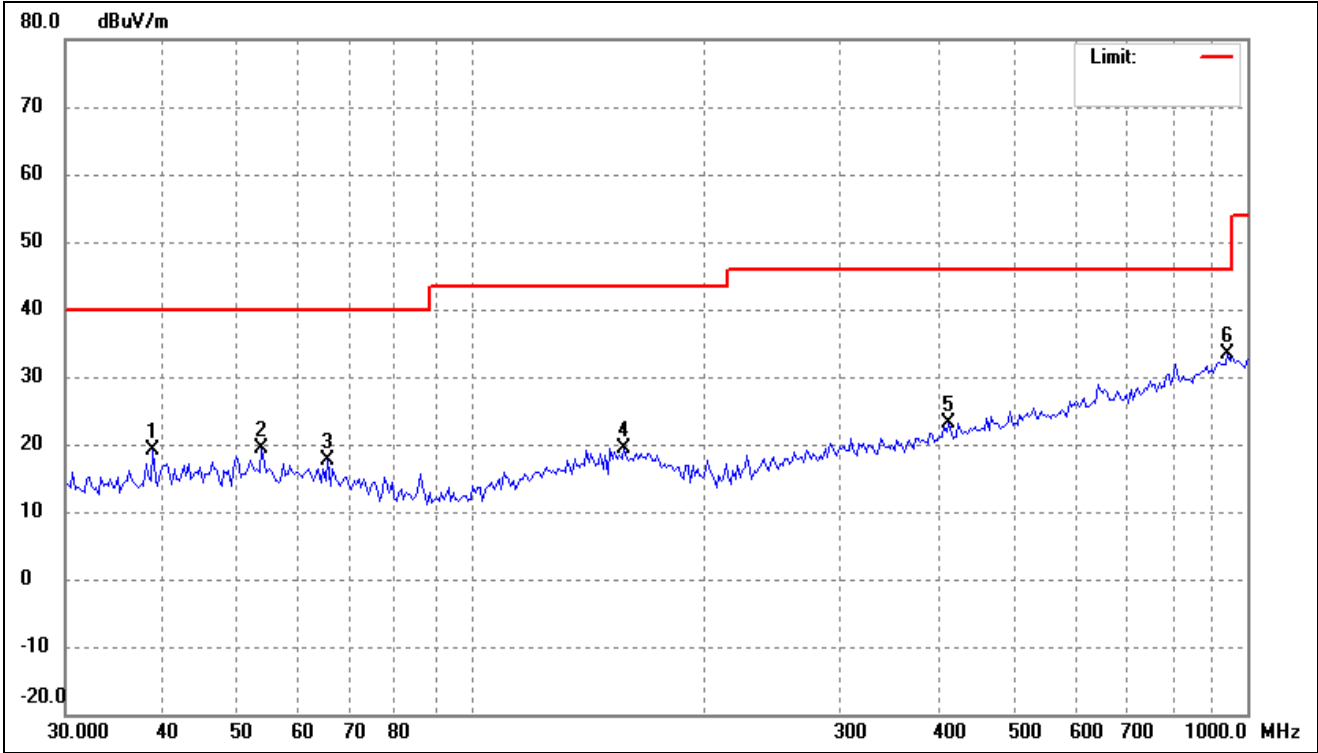
➤ 5725-5850MHz

802.11a(worst case)			
Test Channel	5745MHz(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	49.4087	27.93	-8.99	18.94	40.00	-21.06	-	-	peak
2	61.0041	27.79	-9.69	18.10	40.00	-21.90	-	-	peak
3	148.9175	30.58	-8.91	21.67	43.50	-21.83	-	-	peak
4	331.7858	29.10	-7.08	22.02	46.00	-23.98	-	-	peak
5	430.3053	34.84	-5.61	29.23	46.00	-16.77	-	-	peak
6	868.8860	30.91	1.33	32.24	46.00	-13.76	-	-	peak

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

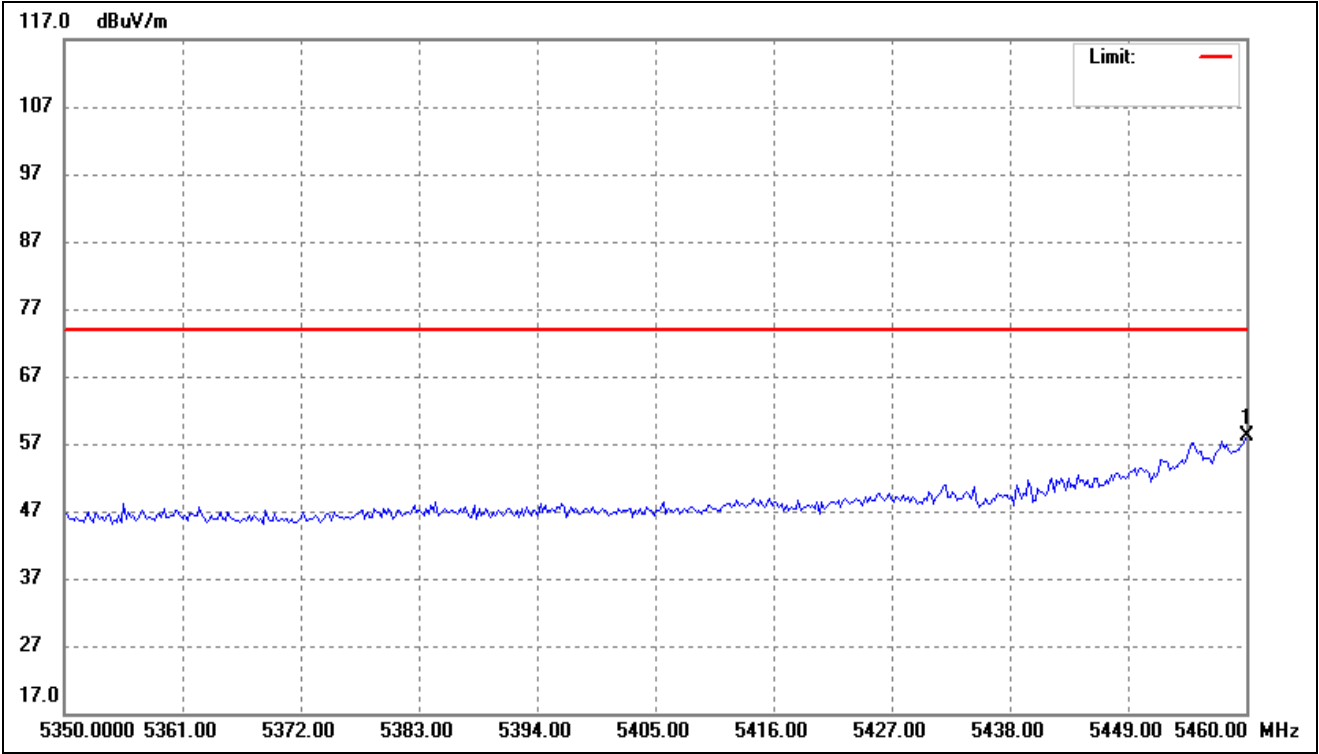


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	38.9081	28.93	-9.69	19.24	40.00	-20.76	-	-	peak
2	53.7559	28.40	-9.11	19.29	40.00	-20.71	-	-	peak
3	65.4452	27.88	-10.26	17.62	40.00	-22.38	-	-	peak
4	157.5290	27.94	-8.57	19.37	43.50	-24.13	-	-	peak
5	412.5395	29.18	-5.94	23.24	46.00	-22.76	-	-	peak
6	945.3336	30.41	2.85	33.26	46.00	-12.74	-	-	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.

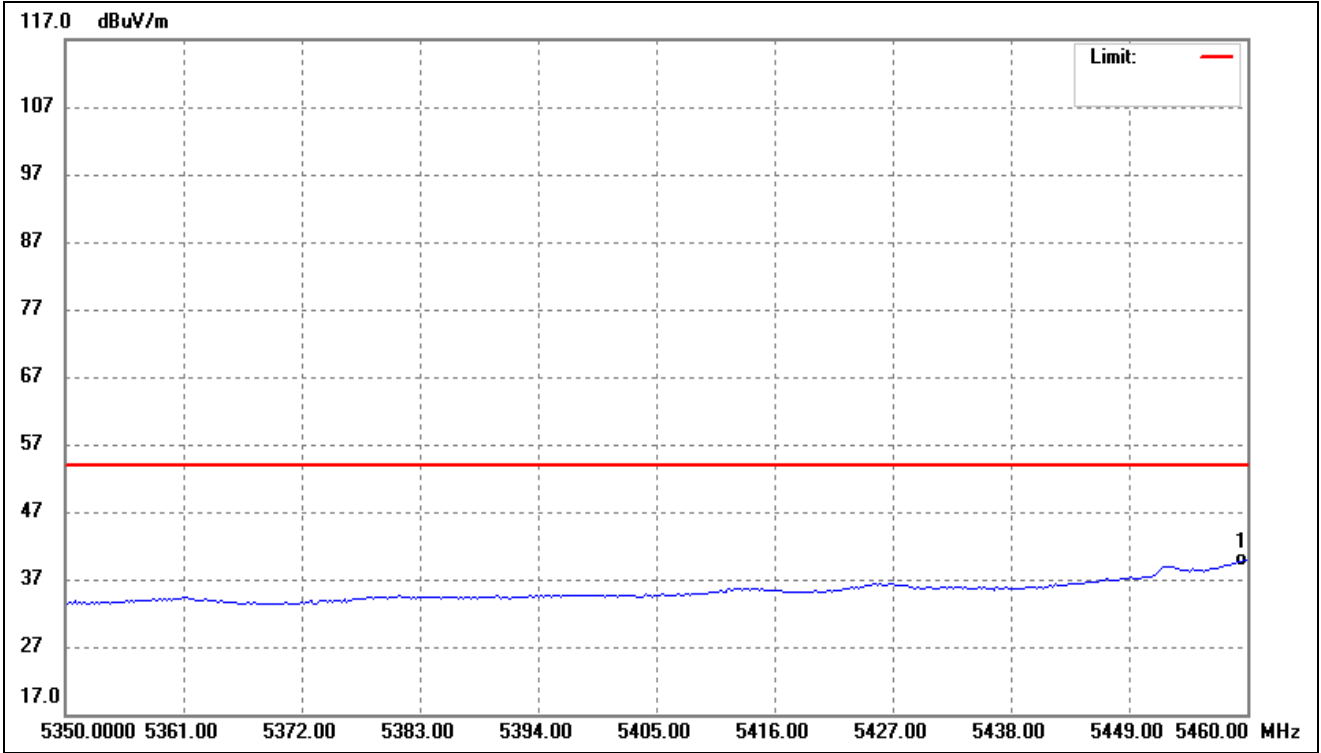
➤ Spurious Emission above 1GHz
Antenna 2(worst case)

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



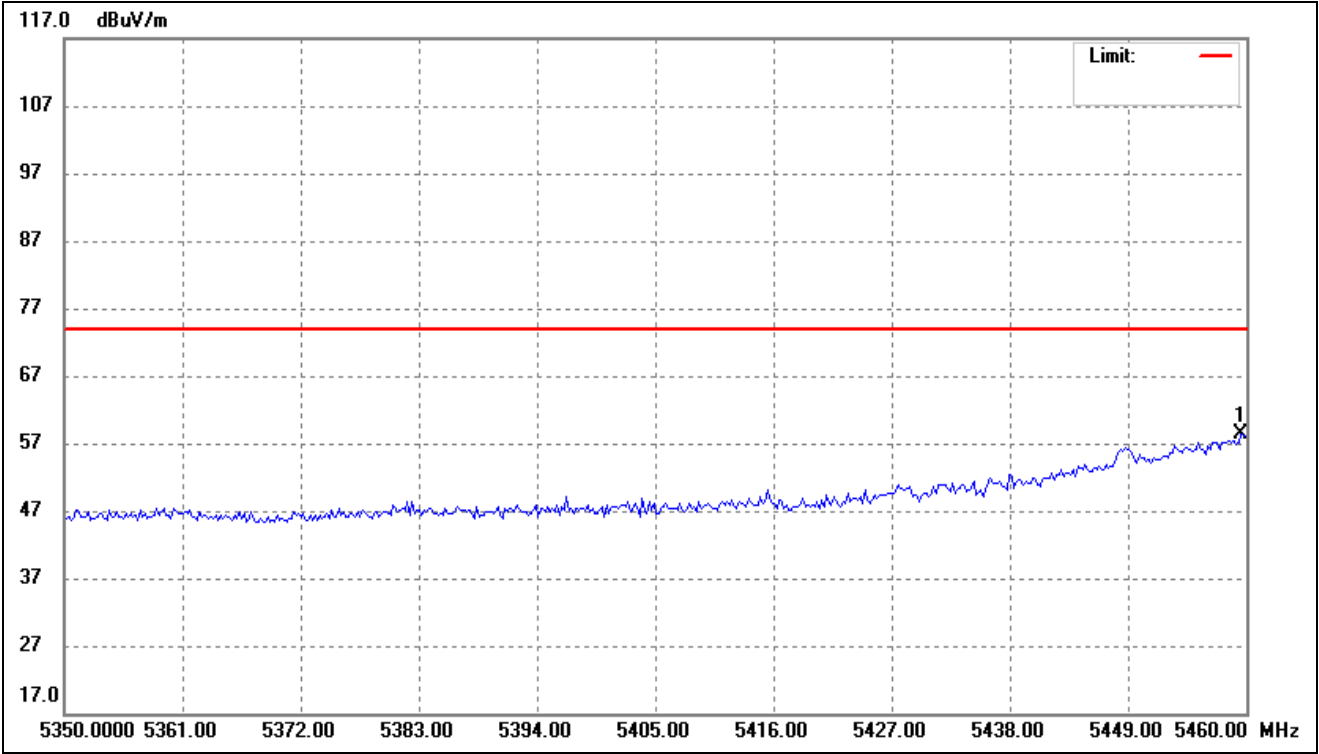
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5460.000	68.71	-10.61	58.10	74.00	-15.90	-	-	peak

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



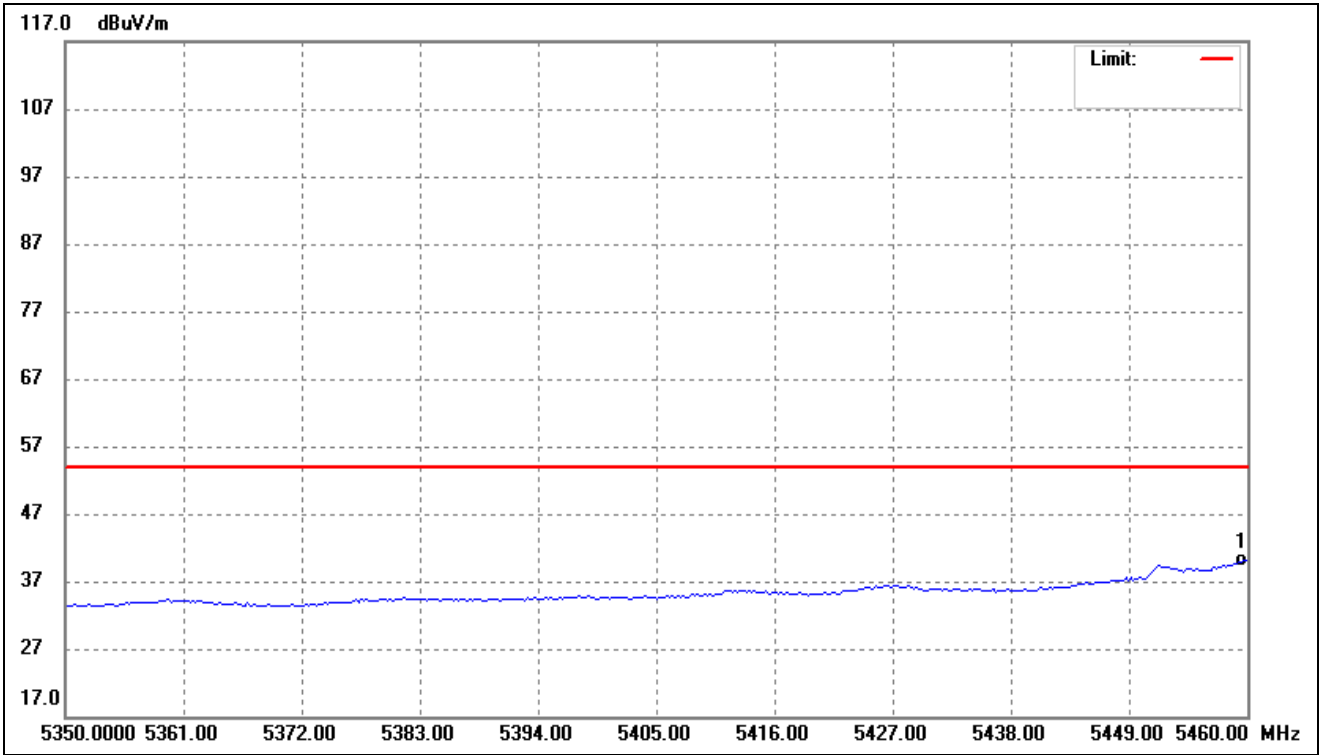
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5460.000	50.52	-10.61	39.91	54.00	-14.09	-	-	AVG

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



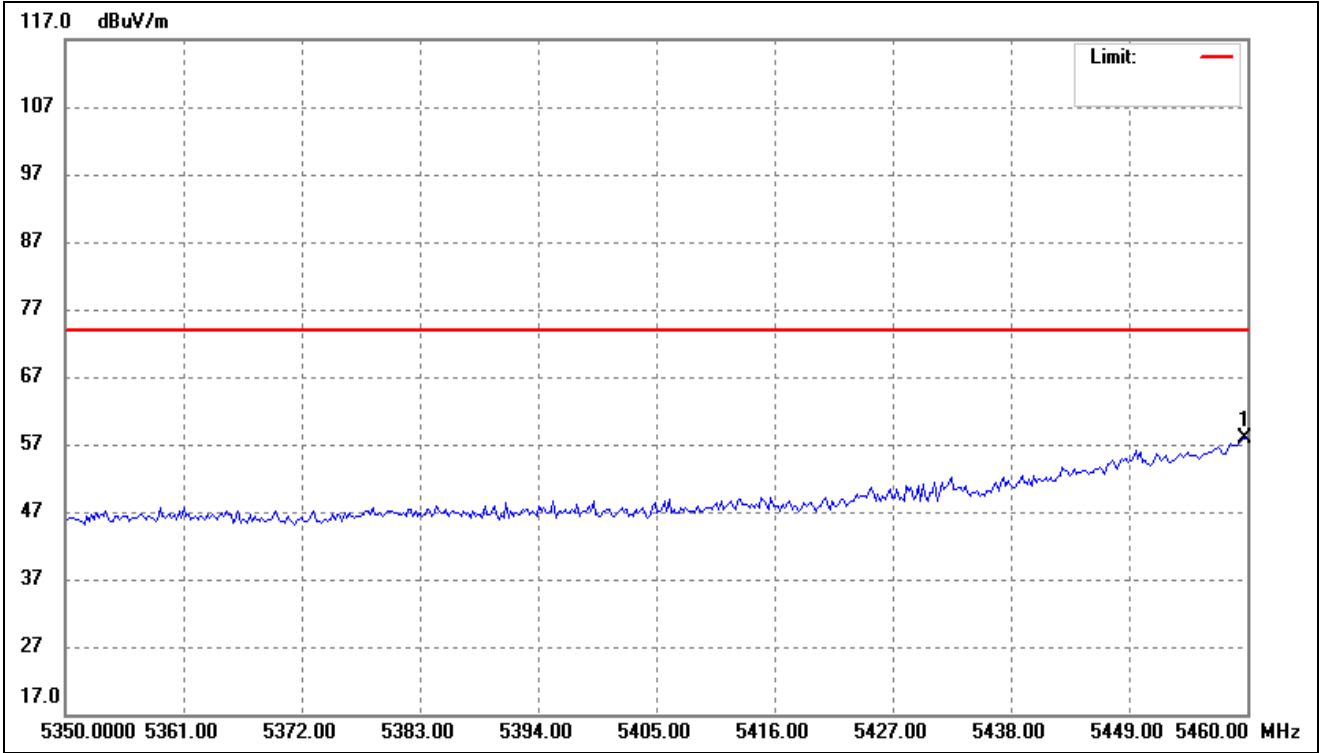
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5459.559	69.11	-10.61	58.50	74.00	-15.50	-	-	peak

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



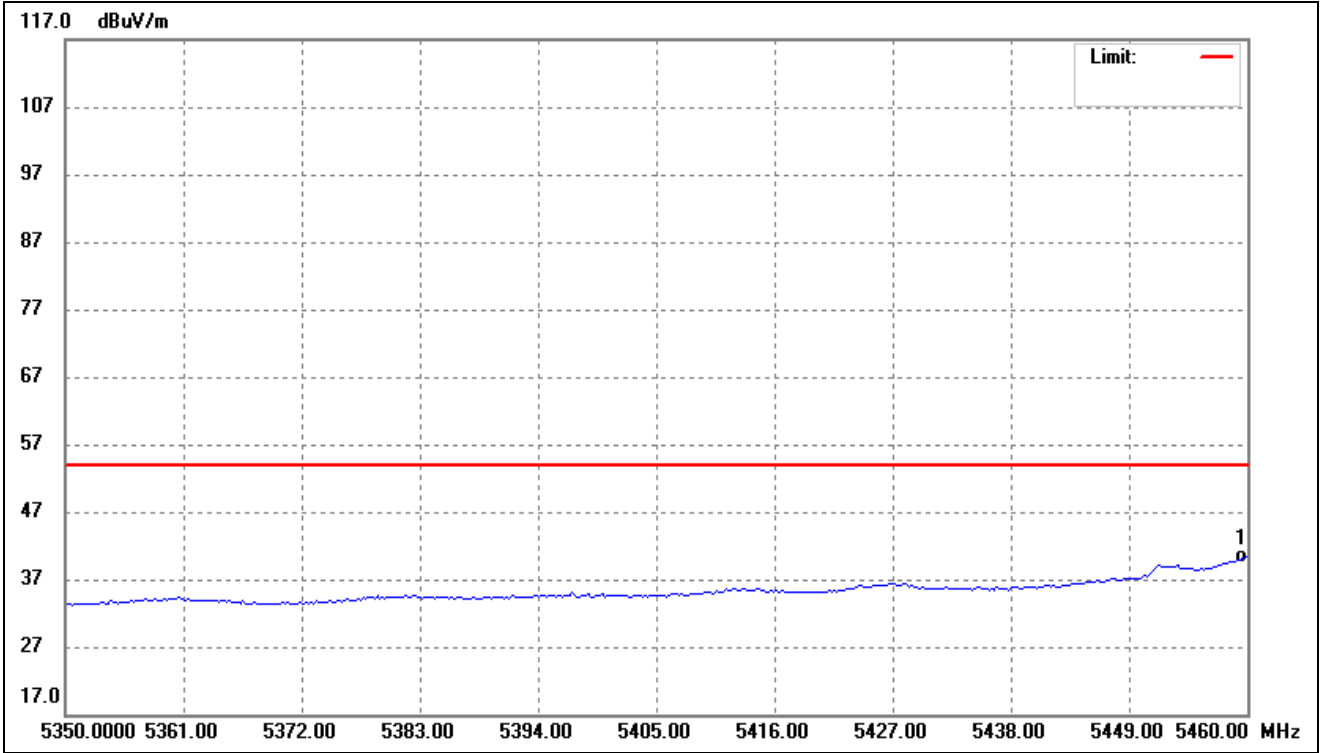
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5460.000	50.76	-10.61	40.15	54.00	-13.85	-	-	AVG

802.11ac-VHT20- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Horizontal(worst case)



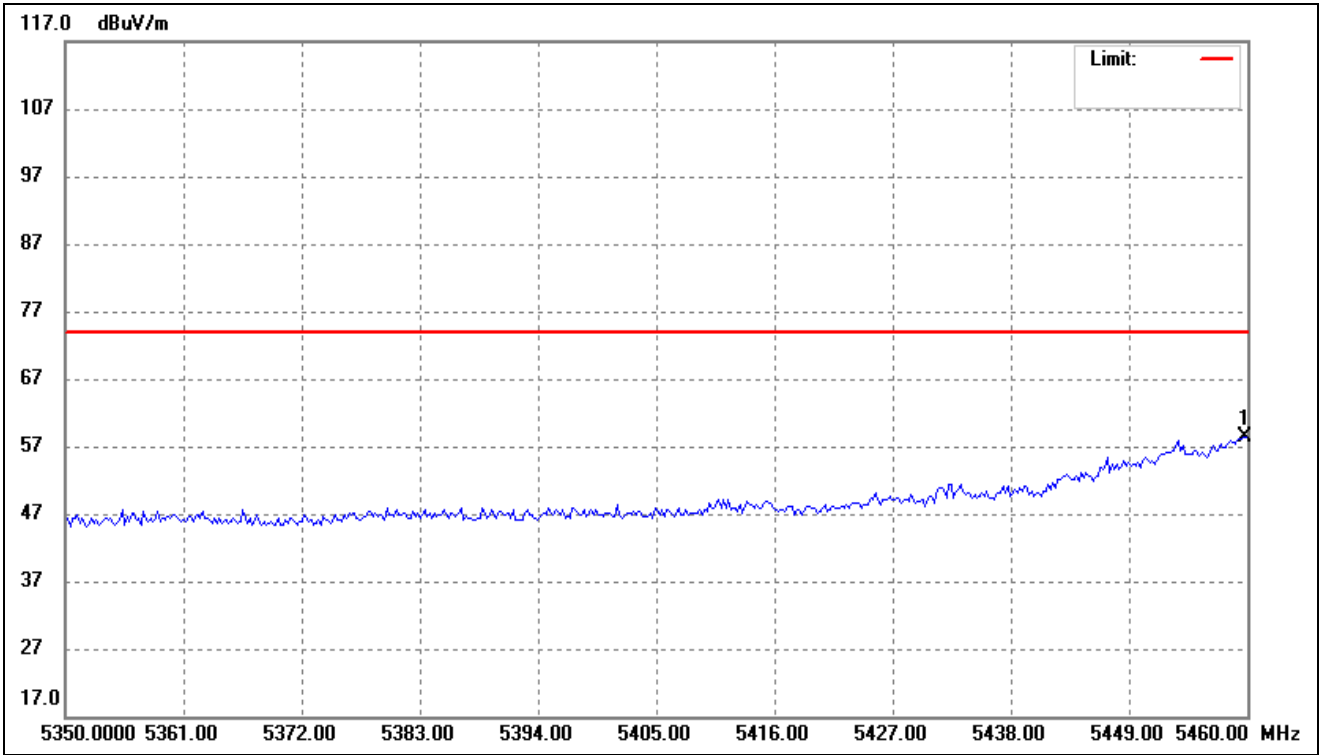
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5459.780	68.41	-10.61	57.80	74.00	-16.20	-	-	peak

802.11ac-VHT20- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Horizontal(worst case)



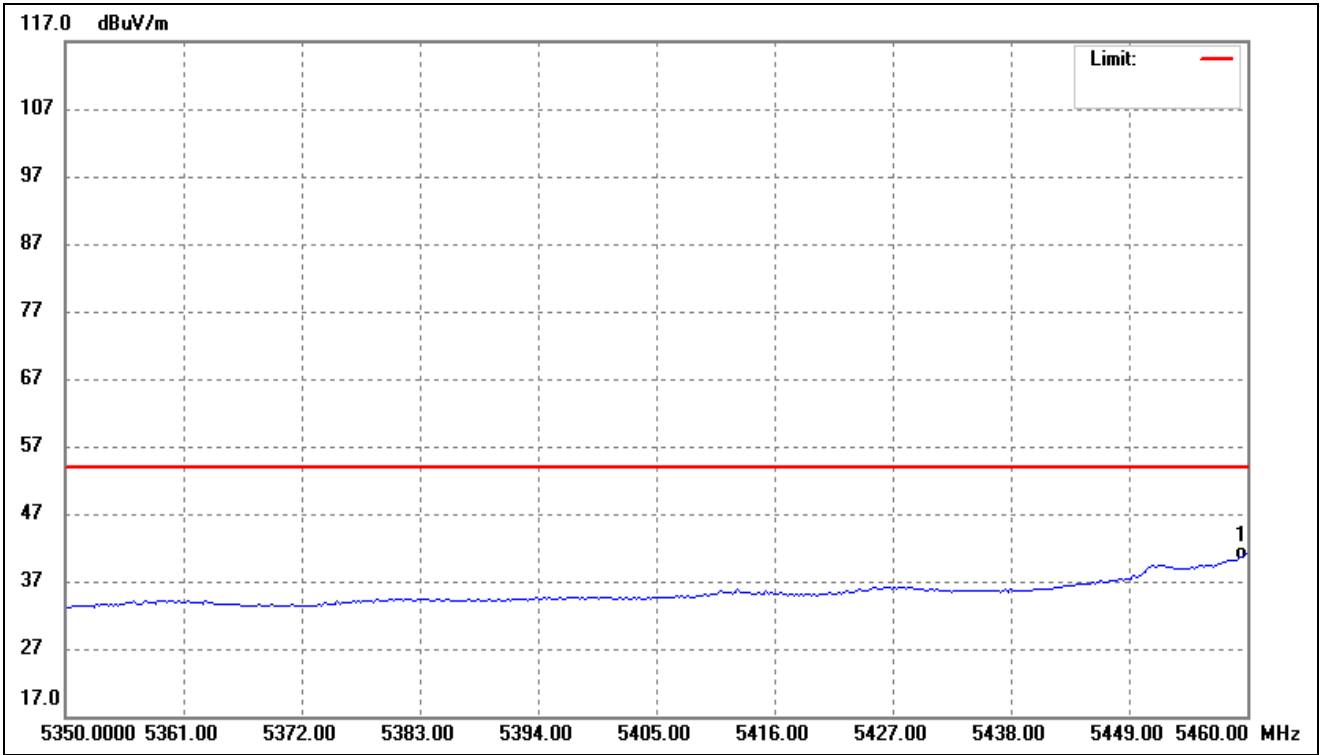
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5460.000	50.99	-10.61	40.38	54.00	-13.62	-	-	AVG

802.11ax-HE20- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Horizontal(worst case)



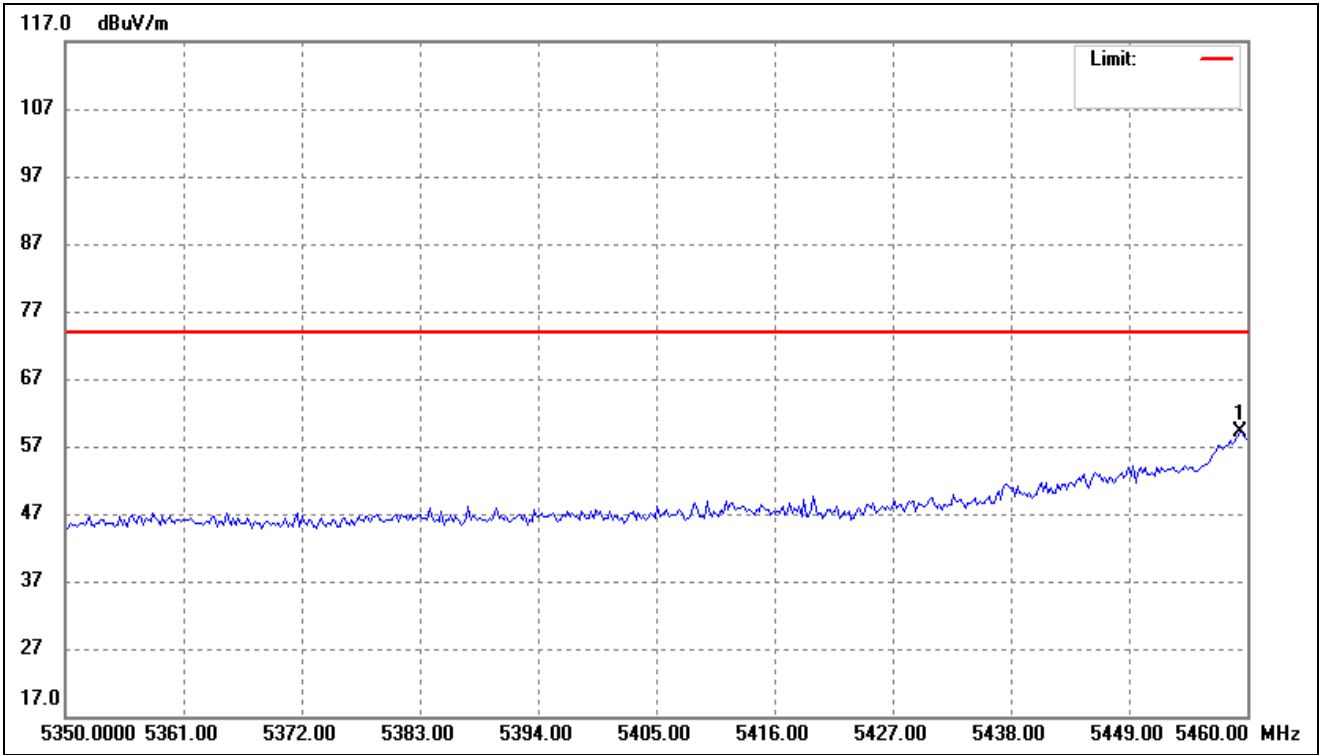
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5459.780	68.93	-10.61	58.32	74.00	-15.68	-	-	peak

802.11ax-HE20- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Horizontal(worst case)



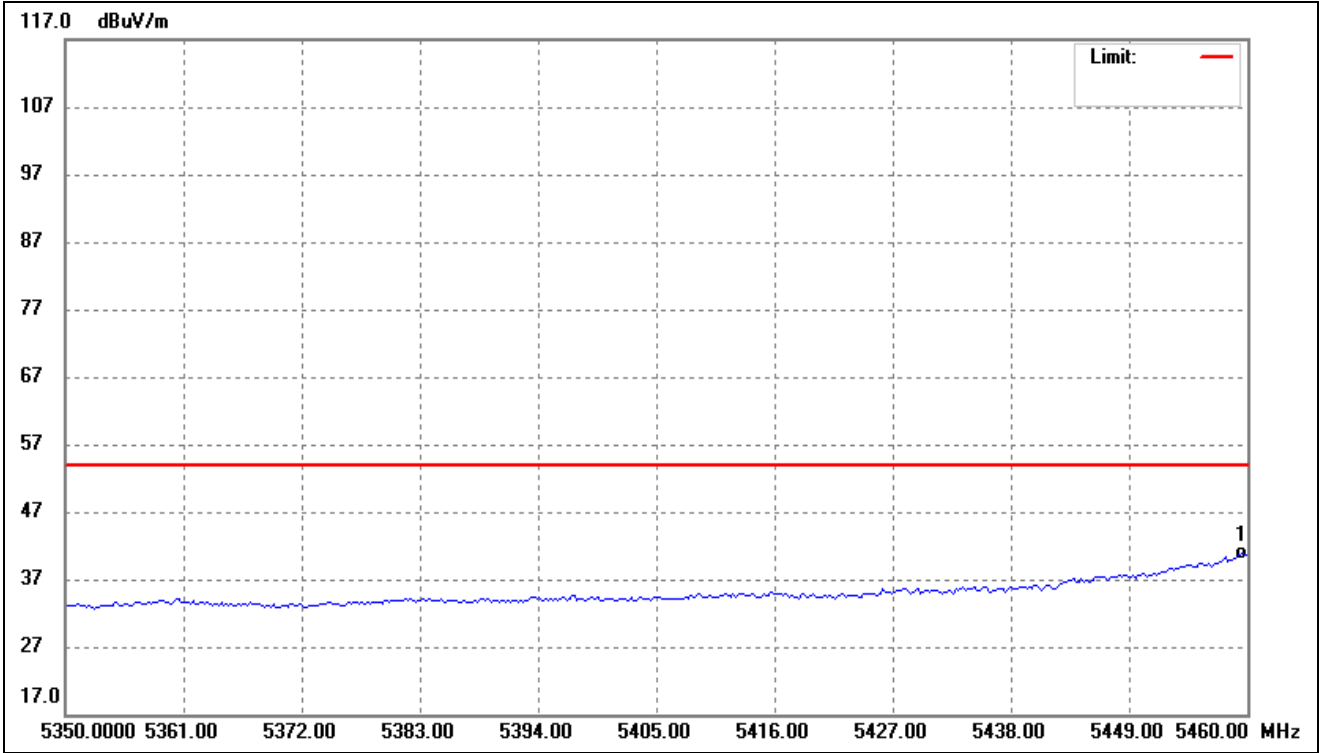
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5460.000	51.77	-10.61	41.16	54.00	-12.84	-	-	AVG

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



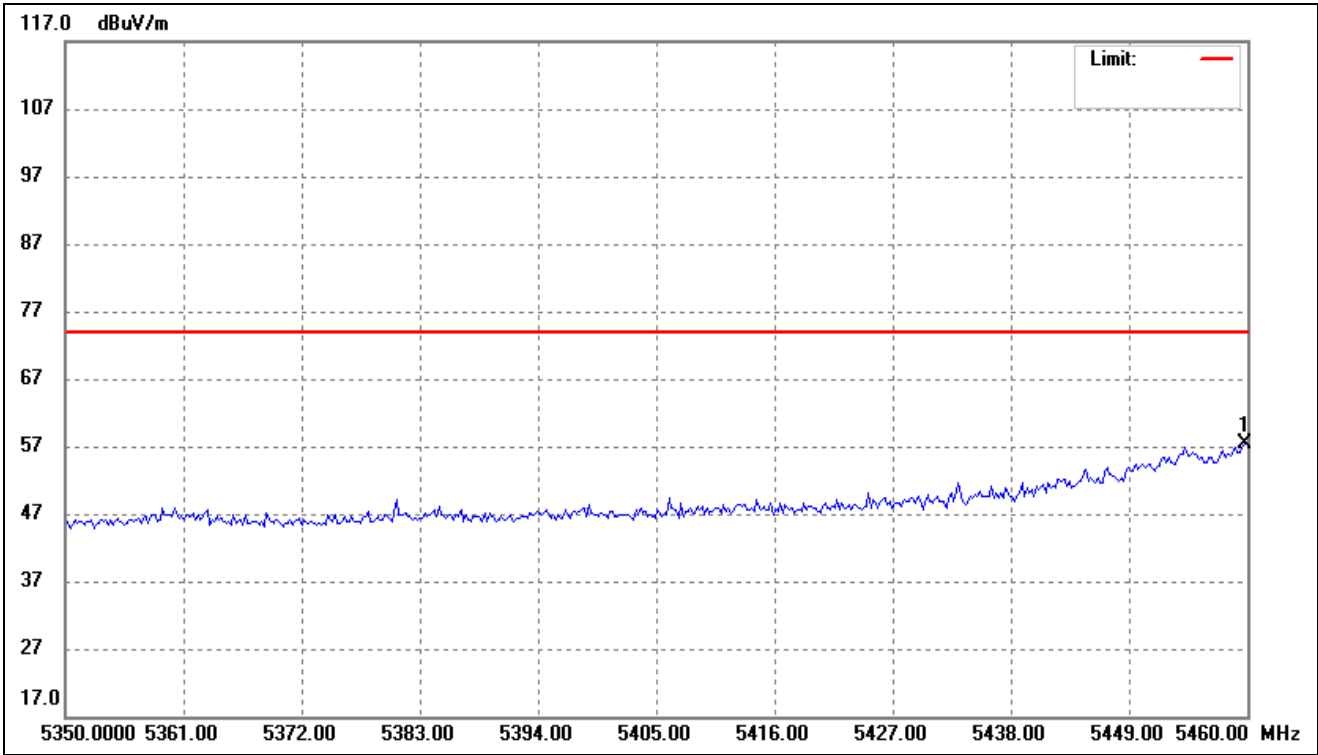
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5459.339	69.82	-10.61	59.21	74.00	-14.79	-	-	peak

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



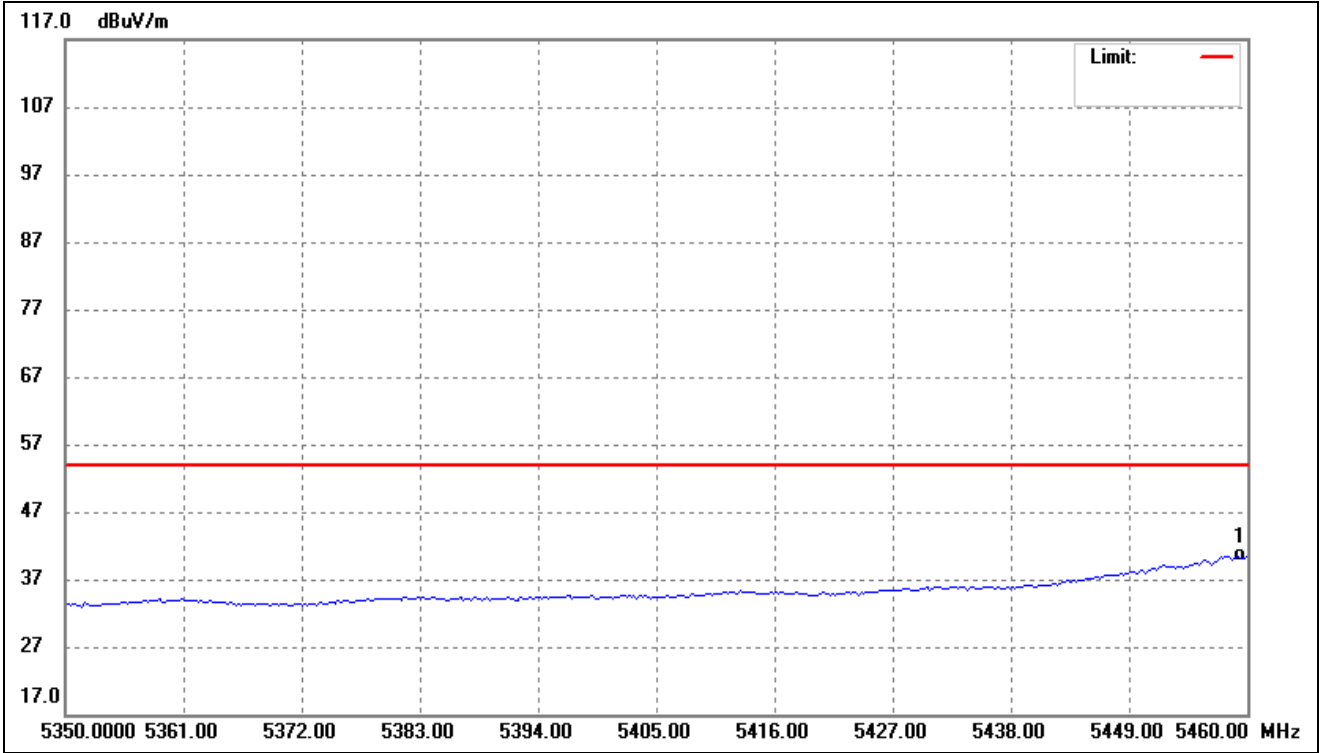
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5459.559	51.50	-10.61	40.89	54.00	-13.11	-	-	AVG

802.11ac-VHT40- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Horizontal(worst case)



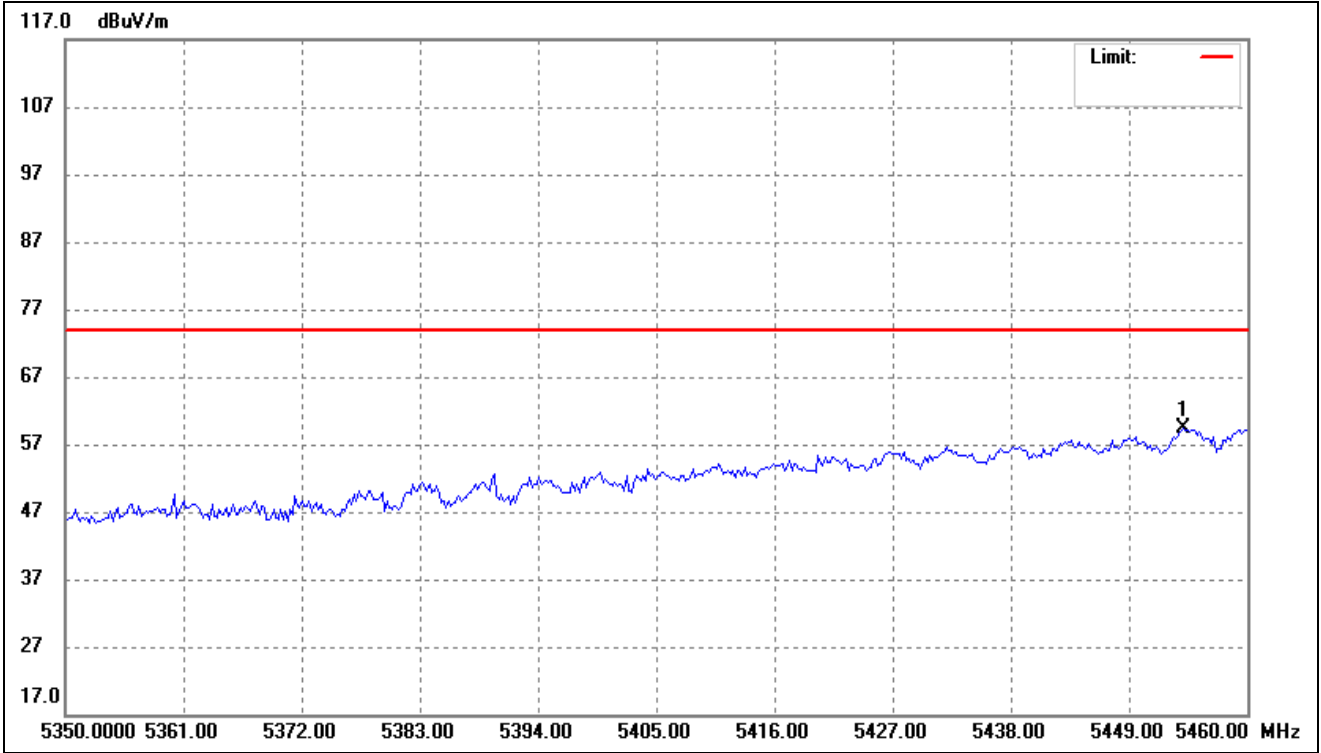
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5459.780	68.05	-10.61	57.44	74.00	-16.56	-	-	peak

802.11ac-VHT40- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Horizontal(worst case)



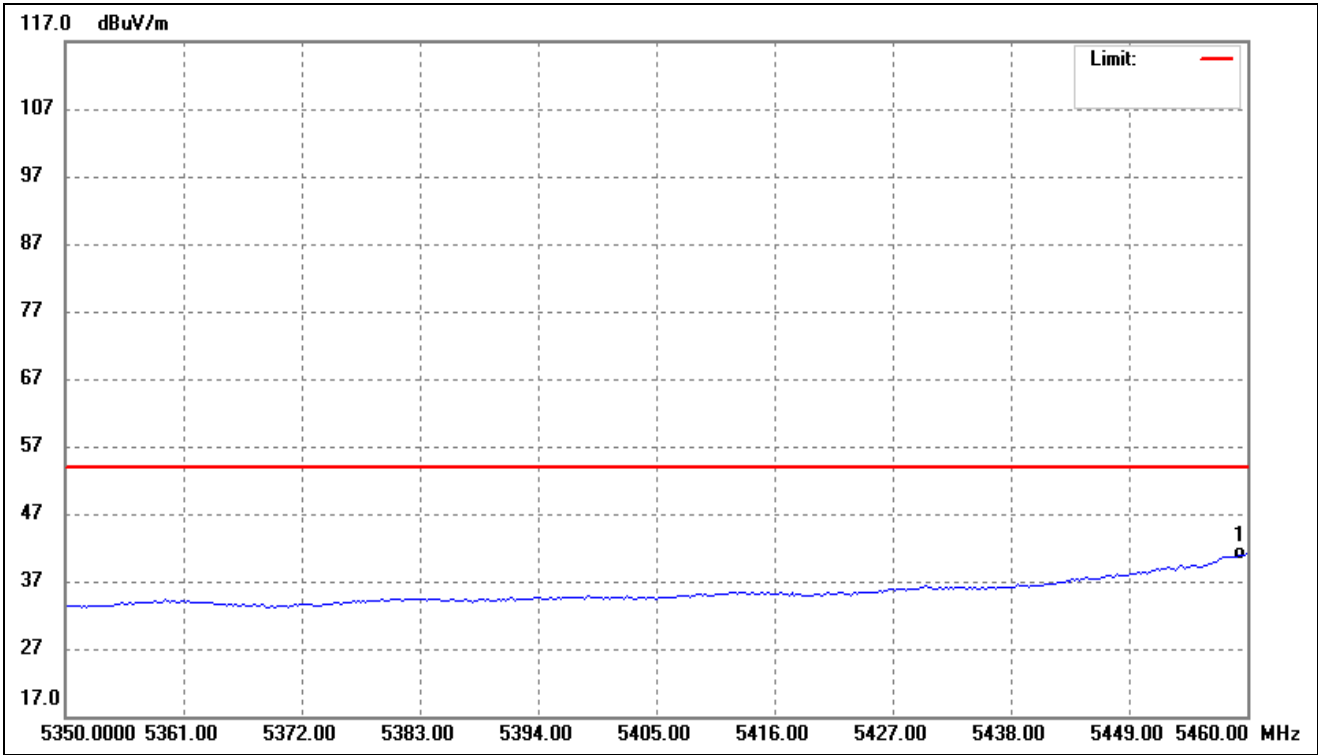
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5460.000	51.29	-10.61	40.68	54.00	-13.32	-	-	AVG

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



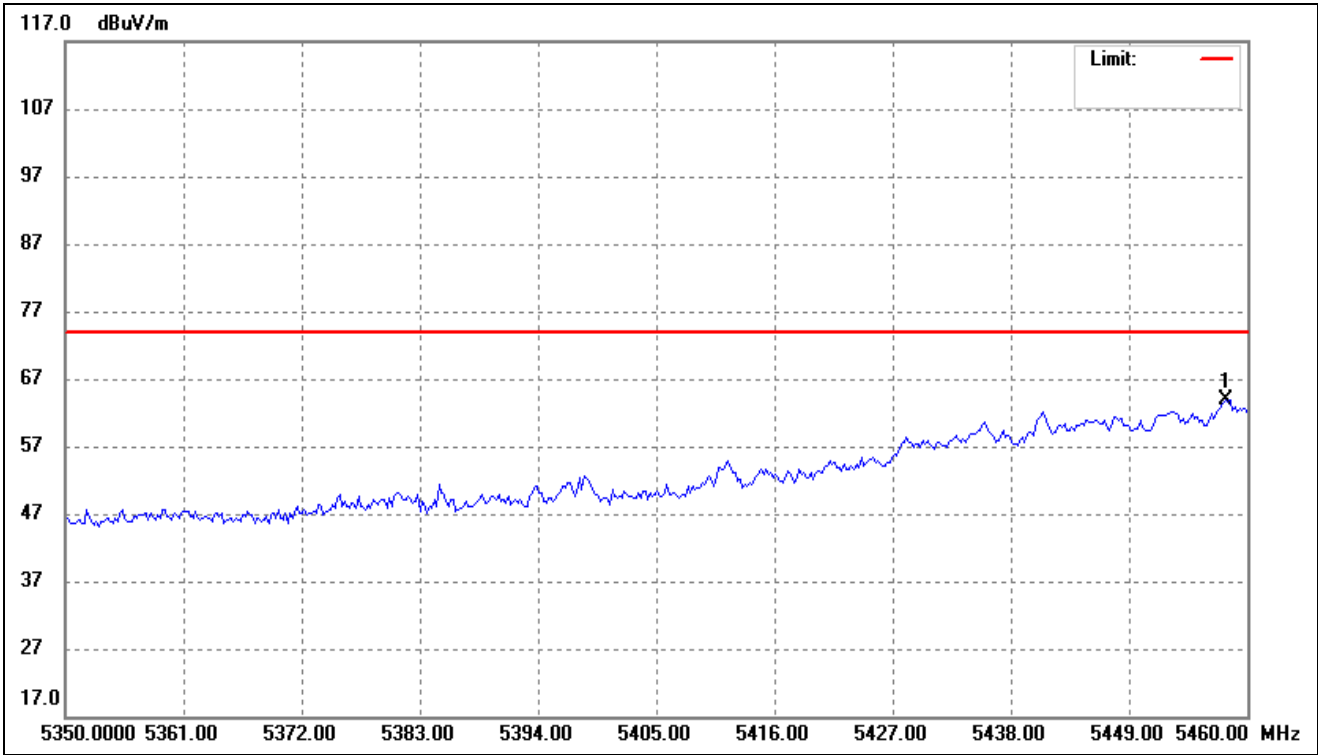
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5454.048	69.94	-10.64	59.30	74.00	-14.70	-	-	peak

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



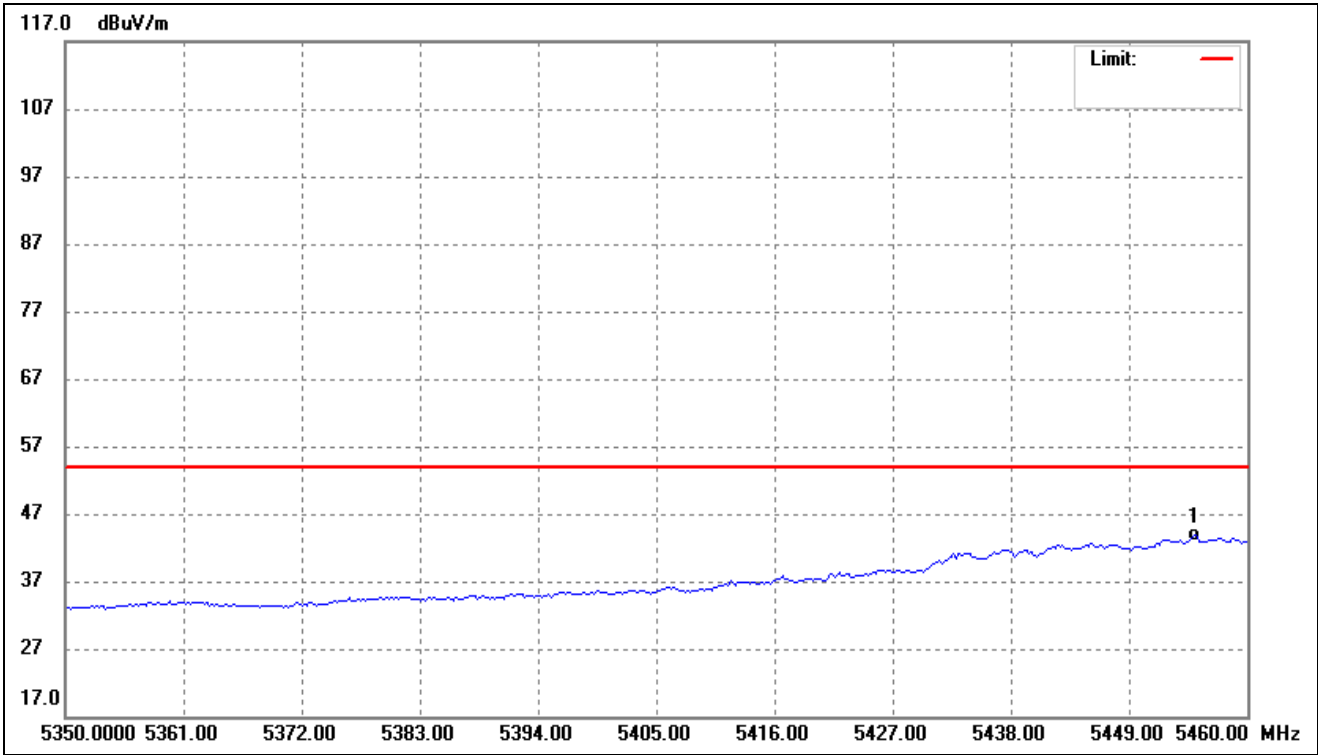
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5460.000	51.72	-10.61	41.11	54.00	-12.89	-	-	AVG

802.11ac-VHT80- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Horizontal(worst case)



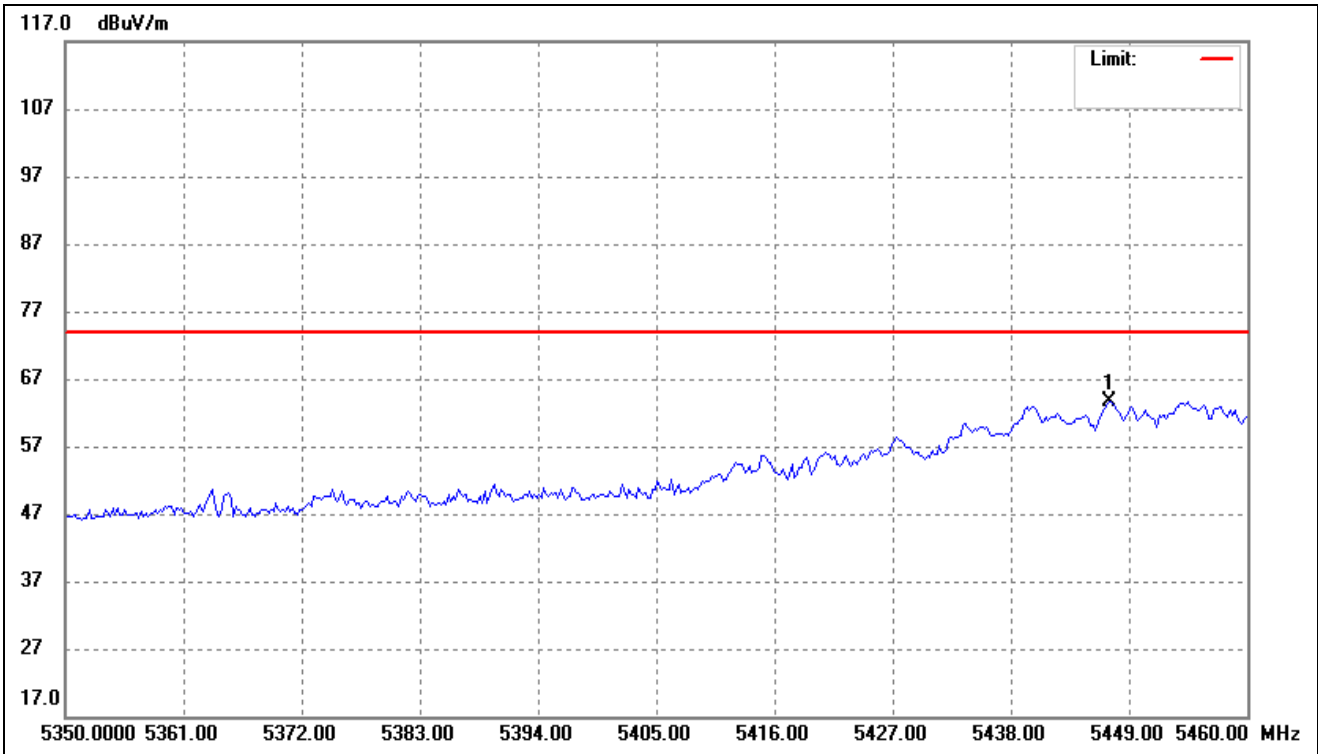
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5458.016	74.48	-10.62	63.86	74.00	-10.14	-	-	peak

802.11ac-VHT80- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Horizontal(worst case)



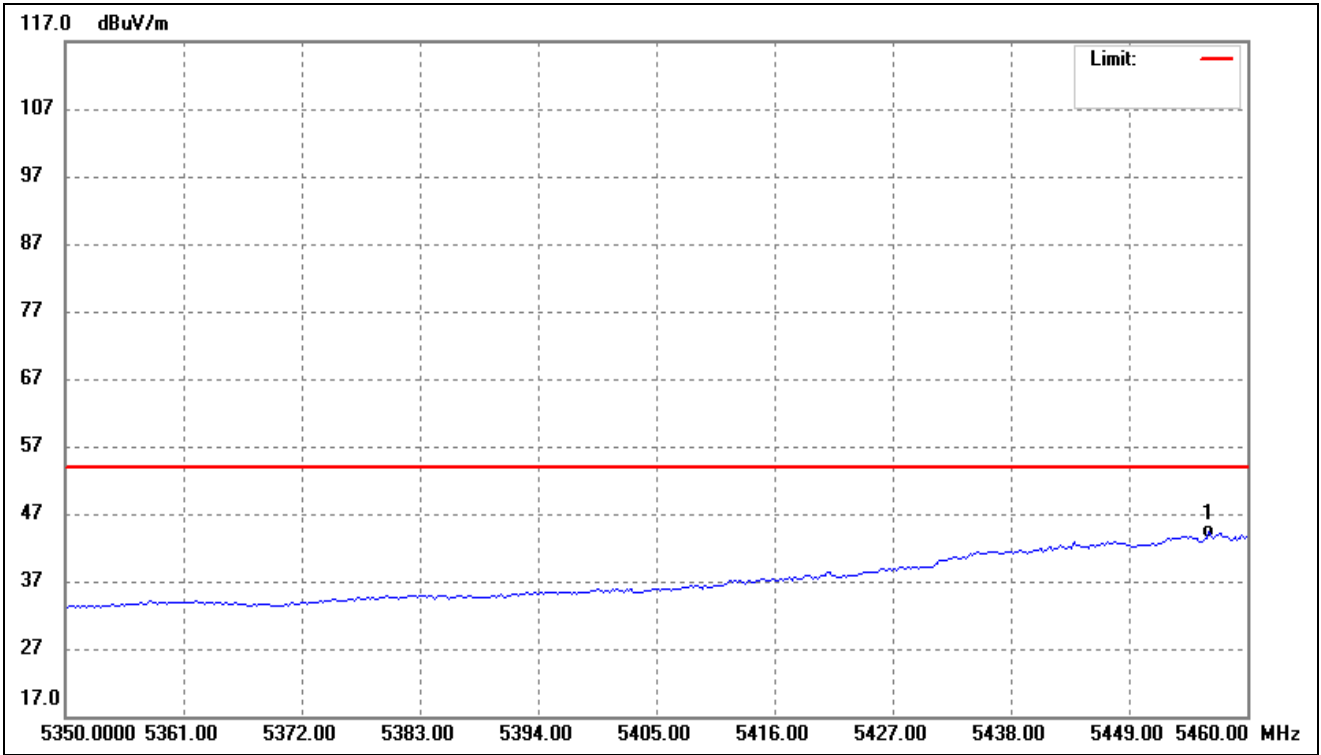
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5455.150	54.42	-10.63	43.79	54.00	-10.21	-	-	AVG

802.11ax-HE80- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Horizontal(worst case)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	()	(cm)	
1	5447.214	74.37	-10.67	63.70	74.00	-10.30	-	-	peak

802.11ax-HE80- Restricted Bandedge			
Test Channel	band 5.35-5.47GHz	Polarity:	Horizontal(worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	5456.473	54.93	-10.62	44.31	54.00	-9.69	-	-	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 2(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	52.60	-4.22	48.38	74	-25.62	H	PK
10360	50.40	-4.22	46.18	54	-7.82	H	AV
10360	47.41	-4.22	43.19	74	-30.81	V	PK
10360	45.74	-4.22	41.52	54	-12.48	V	AV
Middle Channel (5200MHz)							
10400	54.00	-4.19	49.81	74	-24.19	H	PK
10400	50.30	-4.19	46.11	54	-7.89	H	AV
10400	47.33	-4.19	43.14	74	-30.86	V	PK
10400	45.84	-4.19	41.65	54	-12.35	V	AV
High Channel (5240MHz)							
10480	53.57	-4.16	49.41	74	-24.59	H	PK
10480	50.01	-4.16	45.85	54	-8.15	H	AV
10480	48.94	-4.16	44.78	74	-29.22	V	PK
10480	46.76	-4.16	42.60	54	-11.40	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	52.90	-4.14	48.76	74	-25.24	H	PK
10520	50.34	-4.14	46.20	54	-7.80	H	AV
10520	48.33	-4.14	44.19	74	-29.81	V	PK
10520	45.76	-4.14	41.62	54	-12.38	V	AV
Middle Channel (5280MHz)							
10560	53.71	-4.12	49.59	74	-24.41	H	PK
10560	50.45	-4.12	46.33	54	-7.67	H	AV
10560	47.88	-4.12	43.76	74	-30.24	V	PK
10560	45.30	-4.12	41.18	54	-12.82	V	AV
High Channel (5320MHz)							
10640	52.93	-4.10	48.83	74	-25.17	H	PK
10640	50.80	-4.10	46.70	54	-7.30	H	AV
10640	47.85	-4.10	43.75	74	-30.25	V	PK
10640	45.62	-4.10	41.52	54	-12.48	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	53.62	-3.96	49.66	74	-24.34	H	PK
11000	50.49	-3.96	46.53	54	-7.47	H	AV
11000	47.81	-3.96	43.85	74	-30.15	V	PK
11000	45.74	-3.96	41.78	54	-12.22	V	AV
Middle Channel (5580MHz)							
11160	53.79	-3.40	50.39	74	-23.61	H	PK
11160	50.55	-3.40	47.15	54	-6.85	H	AV
11160	47.81	-3.40	44.41	74	-29.59	V	PK
11160	45.92	-3.40	42.52	54	-11.48	V	AV
High Channel (5700MHz)							
11400	53.22	-2.56	50.66	74	-23.34	H	PK
11400	50.67	-2.56	48.11	54	-5.89	H	AV
11400	48.45	-2.56	45.89	74	-28.11	V	PK
11400	45.77	-2.56	43.21	54	-10.79	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	53.33	-2.24	51.09	74	-22.91	H	PK
11490	50.05	-2.24	47.81	54	-6.19	H	AV
11490	48.35	-2.24	46.11	74	-27.89	V	PK
11490	45.96	-2.24	43.72	54	-10.28	V	AV
Middle Channel (5785MHz)							
11570	52.80	-1.79	51.01	74	-22.99	H	PK
11570	49.43	-1.79	47.64	54	-6.36	H	AV
11570	47.06	-1.79	45.27	74	-28.73	V	PK
11570	44.53	-1.79	42.74	54	-11.26	V	AV
High Channel (5825MHz)							
11650	52.41	-1.52	50.89	74	-23.11	H	PK
11650	49.15	-1.52	47.63	54	-6.37	H	AV
11650	47.48	-1.52	45.96	74	-28.04	V	PK
11650	45.24	-1.52	43.72	54	-10.28	V	AV

➤ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-33.45	-27
Highest	Above 5350	-40.68	-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	-40.62	-27
Highest	Above 5350	-34.46	-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	-33.85	-27
Highest	Above 5725	-36.87	-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	-45.98	-27
	5650 to 5700	-37.98	-27 to -17
	5700 to 5720	-30.18	-17 to 15.6
	5720 to 5725	-18.52	15.6 to 27
Highest	5850 to 5855	-14.21	27 to 15.6
	5855 to 5875	-26.84	15.6 to -17
	5875 to 5925	-37.20	-17 to -27
	Above 5925	-43.14	-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	52.43	-4.22	48.21	74	-25.79	H	PK
10360	49.20	-4.22	44.98	54	-9.02	H	AV
10360	46.82	-4.22	42.60	74	-31.40	V	PK
10360	44.70	-4.22	40.48	54	-13.52	V	AV
Middle Channel (5200MHz)							
10400	51.91	-4.19	47.72	74	-26.28	H	PK
10400	49.16	-4.19	44.97	54	-9.03	H	AV
10400	46.63	-4.19	42.44	74	-31.56	V	PK
10400	45.23	-4.19	41.04	54	-12.96	V	AV
High Channel (5240MHz)							
10480	52.71	-4.16	48.55	74	-25.45	H	PK
10480	49.39	-4.16	45.23	54	-8.77	H	AV
10480	46.79	-4.16	42.63	74	-31.37	V	PK
10480	44.81	-4.16	40.65	54	-13.35	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	52.72	-4.14	48.58	74	-25.42	H	PK
10520	49.43	-4.14	45.29	54	-8.71	H	AV
10520	46.80	-4.14	42.66	74	-31.34	V	PK
10520	45.25	-4.14	41.11	54	-12.89	V	AV
Middle Channel (5280MHz)							
10560	52.20	-4.12	48.08	74	-25.92	H	PK
10560	49.14	-4.12	45.02	54	-8.98	H	AV
10560	47.04	-4.12	42.92	74	-31.08	V	PK
10560	44.40	-4.12	40.28	54	-13.72	V	AV
High Channel (5320MHz)							
10640	52.23	-4.10	48.13	74	-25.87	H	PK
10640	50.03	-4.10	45.93	54	-8.07	H	AV
10640	46.61	-4.10	42.51	74	-31.49	V	PK
10640	44.53	-4.10	40.43	54	-13.57	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	52.23	-3.96	48.27	74	-25.73	H	PK
11000	49.71	-3.96	45.75	54	-8.25	H	AV
11000	46.61	-3.96	42.65	74	-31.35	V	PK
11000	45.18	-3.96	41.22	54	-12.78	V	AV
Middle Channel (5580MHz)							
11160	52.12	-3.40	48.72	74	-25.28	H	PK
11160	49.54	-3.40	46.14	54	-7.86	H	AV
11160	47.22	-3.40	43.82	74	-30.18	V	PK
11160	44.36	-3.40	40.96	54	-13.04	V	AV
High Channel (5700MHz)							
11400	51.37	-2.56	48.81	74	-25.19	H	PK
11400	48.39	-2.56	45.83	54	-8.17	H	AV
11400	45.60	-2.56	43.04	74	-30.96	V	PK
11400	43.65	-2.56	41.09	54	-12.91	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	51.00	-2.24	48.76	74	-25.24	H	PK
11490	48.28	-2.24	46.04	54	-7.96	H	AV
11490	46.34	-2.24	44.10	74	-29.90	V	PK
11490	43.90	-2.24	41.66	54	-12.34	V	AV
Middle Channel (5785MHz)							
11570	51.46	-1.79	49.67	74	-24.33	H	PK
11570	48.42	-1.79	46.63	54	-7.37	H	AV
11570	45.78	-1.79	43.99	74	-30.01	V	PK
11570	44.13	-1.79	42.34	54	-11.66	V	AV
High Channel (5825MHz)							
11650	51.52	-1.52	50.00	74	-24.00	H	PK
11650	48.67	-1.52	47.15	54	-6.85	H	AV
11650	46.35	-1.52	44.83	74	-29.17	V	PK
11650	43.82	-1.52	42.30	54	-11.70	V	AV

➤ Out of Band edge 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-33.59	-27
Highest	Above 5350	-41.58	-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	-39.06	-27
Highest	Above 5350	-33.01	-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	-31.61	-27
Highest	Above 5725	-35.50	-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	-43.44	-27
	5650 to 5700	-33.33	-27 to -17
	5700 to 5720	-28.16	-17 to 15.6
	5720 to 5725	-19.34	15.6 to 27
Highest	5850 to 5855	-15.90	27 to 15.6
	5855 to 5875	-27.57	15.6 to -17
	5875 to 5925	-35.15	-17 to -27
	Above 5925	-40.37	-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	52.10	-4.22	47.88	74	-26.12	H	PK
10360	49.77	-4.22	45.55	54	-8.45	H	AV
10360	46.93	-4.22	42.71	74	-31.29	V	PK
10360	44.61	-4.22	40.39	54	-13.61	V	AV
Middle Channel (5200MHz)							
10400	52.22	-4.19	48.03	74	-25.97	H	PK
10400	49.23	-4.19	45.04	54	-8.96	H	AV
10400	46.81	-4.19	42.62	74	-31.38	V	PK
10400	44.33	-4.19	40.14	54	-13.86	V	AV
High Channel (5240MHz)							
10480	52.63	-4.16	48.47	74	-25.53	H	PK
10480	49.83	-4.16	45.67	54	-8.33	H	AV
10480	47.10	-4.16	42.94	74	-31.06	V	PK
10480	44.71	-4.16	40.55	54	-13.45	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	52.27	-4.14	48.13	74	-25.87	H	PK
10520	49.46	-4.14	45.32	54	-8.68	H	AV
10520	47.47	-4.14	43.33	74	-30.67	V	PK
10520	45.13	-4.14	40.99	54	-13.01	V	AV
Middle Channel (5280MHz)							
10560	52.20	-4.12	48.08	74	-25.92	H	PK
10560	49.07	-4.12	44.95	54	-9.05	H	AV
10560	46.81	-4.12	42.69	74	-31.31	V	PK
10560	44.82	-4.12	40.70	54	-13.30	V	AV
High Channel (5320MHz)							
10640	52.65	-4.10	48.55	74	-25.45	H	PK
10640	49.56	-4.10	45.46	54	-8.54	H	AV
10640	47.03	-4.10	42.93	74	-31.07	V	PK
10640	44.99	-4.10	40.89	54	-13.11	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	51.92	-3.96	47.96	74	-26.04	H	PK
11000	49.77	-3.96	45.81	54	-8.19	H	AV
11000	46.98	-3.96	43.02	74	-30.98	V	PK
11000	44.62	-3.96	40.66	54	-13.34	V	AV
Middle Channel (5580MHz)							
11160	51.46	-3.40	48.06	74	-25.94	H	PK
11160	48.06	-3.40	44.66	54	-9.34	H	AV
11160	45.69	-3.40	42.29	74	-31.71	V	PK
11160	43.79	-3.40	40.39	54	-13.61	V	AV
High Channel (5700MHz)							
11400	51.18	-2.56	48.62	74	-25.38	H	PK
11400	48.26	-2.56	45.70	54	-8.30	H	AV
11400	45.52	-2.56	42.96	74	-31.04	V	PK
11400	43.98	-2.56	41.42	54	-12.58	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	51.42	-2.24	49.18	74	-24.82	H	PK
11490	48.72	-2.24	46.48	54	-7.52	H	AV
11490	45.59	-2.24	43.35	74	-30.65	V	PK
11490	43.63	-2.24	41.39	54	-12.61	V	AV
Middle Channel (5785MHz)							
11570	50.36	-1.79	48.57	74	-25.43	H	PK
11570	47.13	-1.79	45.34	54	-8.66	H	AV
11570	45.16	-1.79	43.37	74	-30.63	V	PK
11570	42.53	-1.79	40.74	54	-13.26	V	AV
High Channel (5825MHz)							
11650	50.63	-1.52	49.11	74	-24.89	H	PK
11650	47.14	-1.52	45.62	54	-8.38	H	AV
11650	44.92	-1.52	43.40	74	-30.60	V	PK
11650	43.25	-1.52	41.73	54	-12.27	V	AV

➤ Out of Band edge 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-35.62	-27
Highest	Above 5350	-37.77	-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	-38.19	-27
Highest	Above 5350	-33.39	-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	-33.99	-27
Highest	Above 5725	-36.35	-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	-41.86	-27
	5650 to 5700	-34.42	-27 to -17
	5700 to 5720	-25.63	-17 to 15.6
	5720 to 5725	-15.27	15.6 to 27
Highest	5850 to 5855	-13.17	27 to 15.6
	5855 to 5875	-24.92	15.6 to -17
	5875 to 5925	-32.65	-17 to -27
	Above 5925	-36.43	-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	51.70	-4.22	47.48	74	-26.52	H	PK
10360	48.47	-4.22	44.25	54	-9.75	H	AV
10360	45.89	-4.22	41.67	74	-32.33	V	PK
10360	43.58	-4.22	39.36	54	-14.64	V	AV
Middle Channel (5200MHz)							
10400	51.17	-4.19	46.98	74	-27.02	H	PK
10400	48.32	-4.19	44.13	54	-9.87	H	AV
10400	45.91	-4.19	41.72	74	-32.28	V	PK
10400	44.10	-4.19	39.91	54	-14.09	V	AV
High Channel (5240MHz)							
10480	51.70	-4.16	47.54	74	-26.46	H	PK
10480	48.17	-4.16	44.01	54	-9.99	H	AV
10480	46.35	-4.16	42.19	74	-31.81	V	PK
10480	43.58	-4.16	39.42	54	-14.58	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	50.98	-4.14	46.84	74	-27.16	H	PK
10520	48.17	-4.14	44.03	54	-9.97	H	AV
10520	45.51	-4.14	41.37	74	-32.63	V	PK
10520	43.34	-4.14	39.20	54	-14.80	V	AV
Middle Channel (5280MHz)							
10560	51.39	-4.12	47.27	74	-26.73	H	PK
10560	48.13	-4.12	44.01	54	-9.99	H	AV
10560	45.67	-4.12	41.55	74	-32.45	V	PK
10560	43.42	-4.12	39.30	54	-14.70	V	AV
High Channel (5320MHz)							
10640	51.04	-4.10	46.94	74	-27.06	H	PK
10640	48.24	-4.10	44.14	54	-9.86	H	AV
10640	45.60	-4.10	41.50	74	-32.50	V	PK
10640	43.30	-4.10	39.20	54	-14.80	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	51.05	-3.96	47.09	74	-26.91	H	PK
11000	48.75	-3.96	44.79	54	-9.21	H	AV
11000	46.20	-3.96	42.24	74	-31.76	V	PK
11000	43.78	-3.96	39.82	54	-14.18	V	AV
Middle Channel (5580MHz)							
11160	51.42	-3.40	48.02	74	-25.98	H	PK
11160	48.67	-3.40	45.27	54	-8.73	H	AV
11160	46.08	-3.40	42.68	74	-31.32	V	PK
11160	43.49	-3.40	40.09	54	-13.91	V	AV
High Channel (5700MHz)							
11400	51.12	-2.56	48.56	74	-25.44	H	PK
11400	48.30	-2.56	45.74	54	-8.26	H	AV
11400	46.26	-2.56	43.70	74	-30.30	V	PK
11400	43.75	-2.56	41.19	54	-12.81	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	49.88	-2.24	47.64	74	-26.36	H	PK
11490	47.62	-2.24	45.38	54	-8.62	H	AV
11490	44.97	-2.24	42.73	74	-31.27	V	PK
11490	42.44	-2.24	40.20	54	-13.80	V	AV
Middle Channel (5785MHz)							
11570	50.24	-1.79	48.45	74	-25.55	H	PK
11570	47.12	-1.79	45.33	54	-8.67	H	AV
11570	44.80	-1.79	43.01	74	-30.99	V	PK
11570	42.48	-1.79	40.69	54	-13.31	V	AV
High Channel (5825MHz)							
11650	50.52	-1.52	49.00	74	-25.00	H	PK
11650	47.11	-1.52	45.59	54	-8.41	H	AV
11650	44.73	-1.52	43.21	74	-30.79	V	PK
11650	42.58	-1.52	41.06	54	-12.94	V	AV

➤ Out of Band edge 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-34.50	-27
Highest	Above 5350	-41.11	-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	-33.19	-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	-35.50	-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	-43.80	-27
	5650 to 5700	-33.44	-27 to -17
	5700 to 5720	-28.01	-17 to 15.6
	5720 to 5725	-19.31	15.6 to 27
Highest	5850 to 5855	-15.49	27 to 15.6
	5855 to 5875	-27.16	15.6 to -17
	5875 to 5925	-34.79	-17 to -27
	Above 5925	-40.03	-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	50.44	-4.21	46.23	74	-27.77	H	PK
10380	47.51	-4.21	43.30	54	-10.70	H	AV
10380	44.93	-4.21	40.72	74	-33.28	V	PK
10380	42.37	-4.21	38.16	54	-15.84	V	AV
High Channel (5230MHz)							
10460	49.96	-4.17	45.79	74	-28.21	H	PK
10460	47.97	-4.17	43.80	54	-10.20	H	AV
10460	45.25	-4.17	41.08	74	-32.92	V	PK
10460	42.61	-4.17	38.44	54	-15.56	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	50.08	-4.14	45.94	74	-28.06	H	PK
10540	47.69	-4.14	43.55	54	-10.45	H	AV
10540	45.26	-4.14	41.12	74	-32.88	V	PK
10540	42.97	-4.14	38.83	54	-15.17	V	AV
High Channel (5310MHz)							
10620	50.53	-4.10	46.43	74	-27.57	H	PK
10620	47.94	-4.10	43.84	54	-10.16	H	AV
10620	45.06	-4.10	40.96	74	-33.04	V	PK
10620	43.15	-4.10	39.05	54	-14.95	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	50.71	-3.89	46.82	74	-27.18	H	PK
11020	47.62	-3.89	43.73	54	-10.27	H	AV
11020	45.40	-3.89	41.51	74	-32.49	V	PK
11020	43.21	-3.89	39.32	54	-14.68	V	AV
Middle Channel (5550MHz)							
11100	50.46	-3.61	46.85	74	-27.15	H	PK
11100	47.54	-3.61	43.93	54	-10.07	H	AV
11100	44.92	-3.61	41.31	74	-32.69	V	PK
11100	43.02	-3.61	39.41	54	-14.59	V	AV
High Channel (5670MHz)							
11340	49.98	-2.77	47.21	74	-26.79	H	PK
11340	47.48	-2.77	44.71	54	-9.29	H	AV
11340	44.57	-2.77	41.80	74	-32.20	V	PK
11340	43.24	-2.77	40.47	54	-13.53	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	48.88	-2.19	46.69	74	-27.31	H	PK
11510	46.20	-2.19	44.01	54	-9.99	H	AV
11510	43.94	-2.19	41.75	74	-32.25	V	PK
11510	42.23	-2.19	40.04	54	-13.96	V	AV
High Channel (5795MHz)							
11590	49.74	-2.03	47.71	74	-26.29	H	PK
11590	47.01	-2.03	44.98	54	-9.02	H	AV
11590	44.02	-2.03	41.99	74	-32.01	V	PK
11590	42.23	-2.03	40.20	54	-13.80	V	AV

➤ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-32.08	-27
Highest	Above 5350	-39.58	-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	39.48	-27
Highest	Above 5350	-32.09	-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	-31.62	-27
Highest	Above 5725	-34.35	-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	-41.50	-27
	5650 to 5700	-32.10	-27 to -17
	5700 to 5720	-23.25	-17 to 15.6
	5720 to 5725	-13.75	15.6 to 27
Highest	5850 to 5855	-10.10	27 to 15.6
	5855 to 5875	-22.47	15.6 to -17
	5875 to 5925	-29.06	-17 to -27
	Above 5925	-34.67	-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	50.22	-4.21	46.01	74	-27.99	H	PK
10380	47.38	-4.21	43.17	54	-10.83	H	AV
10380	44.79	-4.21	40.58	74	-33.42	V	PK
10380	42.68	-4.21	38.47	54	-15.53	V	AV
High Channel (5230MHz)							
10460	49.96	-4.17	45.79	74	-28.21	H	PK
10460	47.65	-4.17	43.48	54	-10.52	H	AV
10460	44.56	-4.17	40.39	74	-33.61	V	PK
10460	42.88	-4.17	38.71	54	-15.29	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	50.43	-4.14	46.29	74	-27.71	H	PK
10540	47.67	-4.14	43.53	54	-10.47	H	AV
10540	44.64	-4.14	40.50	74	-33.50	V	PK
10540	42.94	-4.14	38.80	54	-15.20	V	AV
High Channel (5310MHz)							
10620	50.81	-4.10	46.71	74	-27.29	H	PK
10620	47.22	-4.10	43.12	54	-10.88	H	AV
10620	45.40	-4.10	41.30	74	-32.70	V	PK
10620	42.66	-4.10	38.56	54	-15.44	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	50.80	-3.89	46.91	74	-27.09	H	PK
11020	47.07	-3.89	43.18	54	-10.82	H	AV
11020	44.80	-3.89	40.91	74	-33.09	V	PK
11020	42.76	-3.89	38.87	54	-15.13	V	AV
Middle Channel (5550MHz)							
11100	49.08	-3.61	45.47	74	-28.53	H	PK
11100	46.26	-3.61	42.65	54	-11.35	H	AV
11100	44.34	-3.61	40.73	74	-33.27	V	PK
11100	41.45	-3.61	37.84	54	-16.16	V	AV
High Channel (5670MHz)							
11340	49.27	-2.77	46.50	74	-27.50	H	PK
11340	46.81	-2.77	44.04	54	-9.96	H	AV
11340	43.63	-2.77	40.86	74	-33.14	V	PK
11340	42.26	-2.77	39.49	54	-14.51	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	48.86	-2.19	46.67	74	-27.33	H	PK
11510	46.18	-2.19	43.99	54	-10.01	H	AV
11510	44.46	-2.19	42.27	74	-31.73	V	PK
11510	41.31	-2.19	39.12	54	-14.88	V	AV
High Channel (5795MHz)							
11590	49.56	-2.03	47.53	74	-26.47	H	PK
11590	46.38	-2.03	44.35	54	-9.65	H	AV
11590	44.15	-2.03	42.12	74	-31.88	V	PK
11590	41.97	-2.03	39.94	54	-14.06	V	AV

➤ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-31.89	-27
Highest	Above 5350	-38.95	-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	-38.96	-27
Highest	Above 5350	-32.88	-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	-32.01	-27
Highest	Above 5725	-33.98	-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	-42.20	-27
	5650 to 5700	-32.01	-27 to -17
	5700 to 5720	-22.07	-17 to 15.6
	5720 to 5725	-15.15	15.6 to 27
Highest	5850 to 5855	-11.46	27 to 15.6
	5855 to 5875	-21.17	15.6 to -17
	5875 to 5925	-29.21	-17 to -27
	Above 5925	-35.08	-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	49.64	-4.21	45.43	74	-28.57	H	PK
10380	46.93	-4.21	42.72	54	-11.28	H	AV
10380	44.24	-4.21	40.03	74	-33.97	V	PK
10380	42.06	-4.21	37.85	54	-16.15	V	AV
High Channel (5230MHz)							
10460	49.23	-4.17	45.06	74	-28.94	H	PK
10460	46.24	-4.17	42.07	54	-11.93	H	AV
10460	43.72	-4.17	39.55	74	-34.45	V	PK
10460	42.05	-4.17	37.88	54	-16.12	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	48.94	-4.14	44.80	74	-29.20	H	PK
10540	46.40	-4.14	42.26	54	-11.74	H	AV
10540	44.24	-4.14	40.10	74	-33.90	V	PK
10540	41.72	-4.14	37.58	54	-16.42	V	AV
High Channel (5310MHz)							
10620	49.17	-4.10	45.07	74	-28.93	H	PK
10620	46.27	-4.10	42.17	54	-11.83	H	AV
10620	43.94	-4.10	39.84	74	-34.16	V	PK
10620	41.61	-4.10	37.51	54	-16.49	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	49.02	-3.89	45.13	74	-28.87	H	PK
11020	46.65	-3.89	42.76	54	-11.24	H	AV
11020	43.59	-3.89	39.70	74	-34.30	V	PK
11020	41.85	-3.89	37.96	54	-16.04	V	AV
Middle Channel (5550MHz)							
11100	49.74	-3.61	46.13	74	-27.87	H	PK
11100	46.52	-3.61	42.91	54	-11.09	H	AV
11100	44.01	-3.61	40.40	74	-33.60	V	PK
11100	42.18	-3.61	38.57	54	-15.43	V	AV
High Channel (5670MHz)							
11340	48.88	-2.77	46.11	74	-27.89	H	PK
11340	46.33	-2.77	43.56	54	-10.44	H	AV
11340	43.74	-2.77	40.97	74	-33.03	V	PK
11340	41.97	-2.77	39.20	54	-14.80	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	48.88	-2.19	46.69	74	-27.31	H	PK
11510	46.13	-2.19	43.94	54	-10.06	H	AV
11510	43.90	-2.19	41.71	74	-32.29	V	PK
11510	42.25	-2.19	40.06	54	-13.94	V	AV
High Channel (5795MHz)							
11590	48.99	-2.03	46.96	74	-27.04	H	PK
11590	46.99	-2.03	44.96	54	-9.04	H	AV
11590	43.65	-2.03	41.62	74	-32.38	V	PK
11590	41.50	-2.03	39.47	54	-14.53	V	AV

➤ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-31.98	-27
Highest	Above 5350	-36.78	-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	-38.25	-27
Highest	Above 5350	-31.57	-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	-32.05	-27
Highest	Above 5725	-33.83	-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	-40.71	-27
	5650 to 5700	-34.79	-27 to -17
	5700 to 5720	-24.30	-17 to 15.6
	5720 to 5725	-16.82	15.6 to 27
Highest	5850 to 5855	-11.47	27 to 15.6
	5855 to 5875	-23.86	15.6 to -17
	5875 to 5925	-30.93	-17 to -27
	Above 5925	-37.19	-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	49.73	-4.19	45.54	74	-28.46	H	PK
10420	45.55	-4.19	41.36	54	-12.64	H	AV
10420	44.48	-4.19	40.29	74	-33.71	H	PK
10420	40.99	-4.19	36.80	54	-17.20	H	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
5290MHz							
10580	49.71	-4.12	45.59	74	-28.41	H	PK
10580	45.78	-4.12	41.66	54	-12.34	H	AV
10580	43.76	-4.12	39.64	74	-34.36	V	PK
10580	40.45	-4.12	36.33	54	-17.67	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	49.31	-3.75	45.56	74	-28.44	H	PK
11060	45.08	-3.75	41.33	54	-12.67	H	AV
11060	44.25	-3.75	40.50	74	-33.50	V	PK
11060	41.15	-3.75	37.40	54	-16.60	V	AV
High Channel (5610MHz)							
11220	49.05	-3.19	45.86	74	-28.14	H	PK
11220	46.00	-3.19	42.81	54	-11.19	H	AV
11220	43.57	-3.19	40.38	74	-33.62	V	PK
11220	40.69	-3.19	37.50	54	-16.50	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
5775MHz							
11550	49.40	-2.11	47.29	74	-26.71	H	PK
11550	45.98	-2.11	43.87	54	-10.13	H	AV
11550	43.85	-2.11	41.74	74	-32.26	V	PK
11550	41.10	-2.11	38.99	54	-15.01	V	AV

➤ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-31.89	-27
Highest	Above 5350	-36.98	-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	-38.96	-27
Highest	Above 5350	-32.91	-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	-36.42	-27
Highest	Above 5725	-34.05	-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	-41.60	-27
	5650 to 5700	-32.74	-27 to -17
	5700 to 5720	-25.93	-17 to 15.6
	5720 to 5725	-16.59	15.6 to 27
Highest	5850 to 5855	-12.03	27 to 15.6
	5855 to 5875	-24.67	15.6 to -17
	5875 to 5925	-32.12	-17 to -27
	Above 5925	-38.11	-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	49.40	-4.19	45.21	74	-28.79	H	PK
10420	45.99	-4.19	41.80	54	-12.20	H	AV
10420	43.99	-4.19	39.80	74	-34.20	H	PK
10420	40.62	-4.19	36.43	54	-17.57	H	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
5290MHz							
10580	49.21	-4.12	45.09	74	-28.91	H	PK
10580	45.29	-4.12	41.17	54	-12.83	H	AV
10580	43.80	-4.12	39.68	74	-34.32	V	PK
10580	40.83	-4.12	36.71	54	-17.29	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	48.97	-3.75	45.22	74	-28.78	H	PK
11060	45.23	-3.75	41.48	54	-12.52	H	AV
11060	44.20	-3.75	40.45	74	-33.55	V	PK
11060	41.03	-3.75	37.28	54	-16.72	V	AV
High Channel (5610MHz)							
11220	49.14	-3.19	45.95	74	-28.05	H	PK
11220	45.81	-3.19	42.62	54	-11.38	H	AV
11220	44.26	-3.19	41.07	74	-32.93	V	PK
11220	40.49	-3.19	37.30	54	-16.70	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
5775MHz							
11550	49.76	-2.11	47.65	74	-26.35	H	PK
11550	46.04	-2.11	43.93	54	-10.07	H	AV
11550	43.61	-2.11	41.50	74	-32.50	V	PK
11550	41.23	-2.11	39.12	54	-14.88	V	AV

➤ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-32.08	-27
Highest	Above 5350	-36.98	-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	-38.25	-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	-36.77	-27
Highest	Above 5725	-34.12	-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	-41.80	-27
	5650 to 5700	-32.12	-27 to -17
	5700 to 5720	-25.62	-17 to 15.6
	5720 to 5725	-15.96	15.6 to 27
Highest	5850 to 5855	-11.43	27 to 15.6
	5855 to 5875	-24.82	15.6 to -17
	5875 to 5925	-32.72	-17 to -27
	Above 5925	-38.36	-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

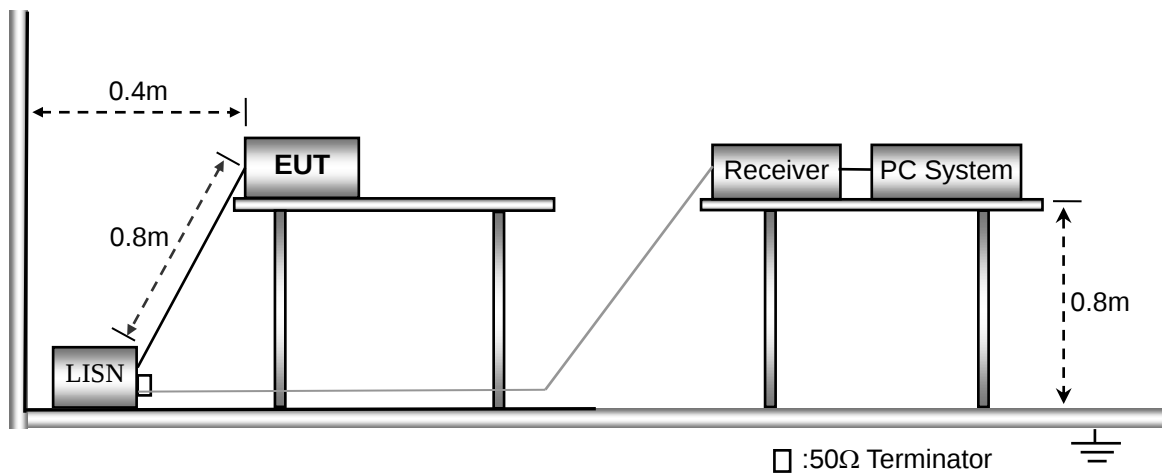
10. Conducted Emissions

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



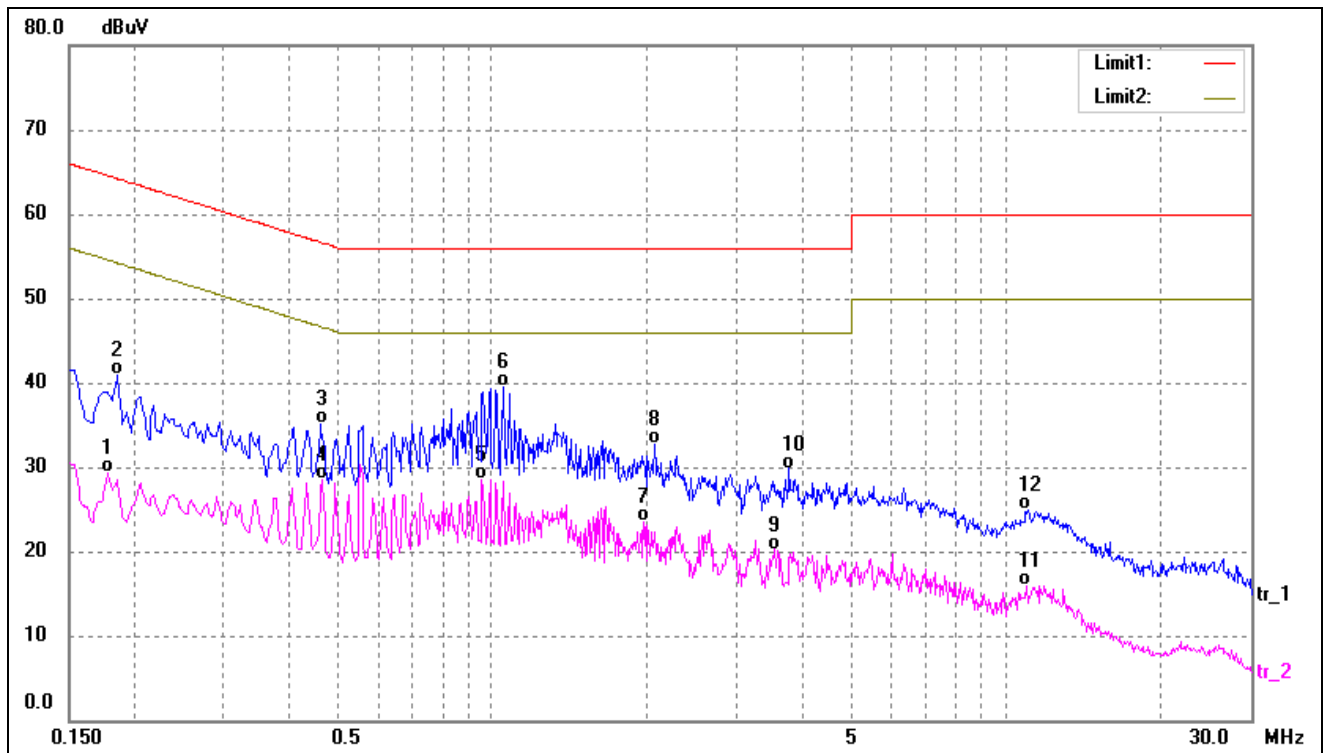
10.3 Test Receiver Setup

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

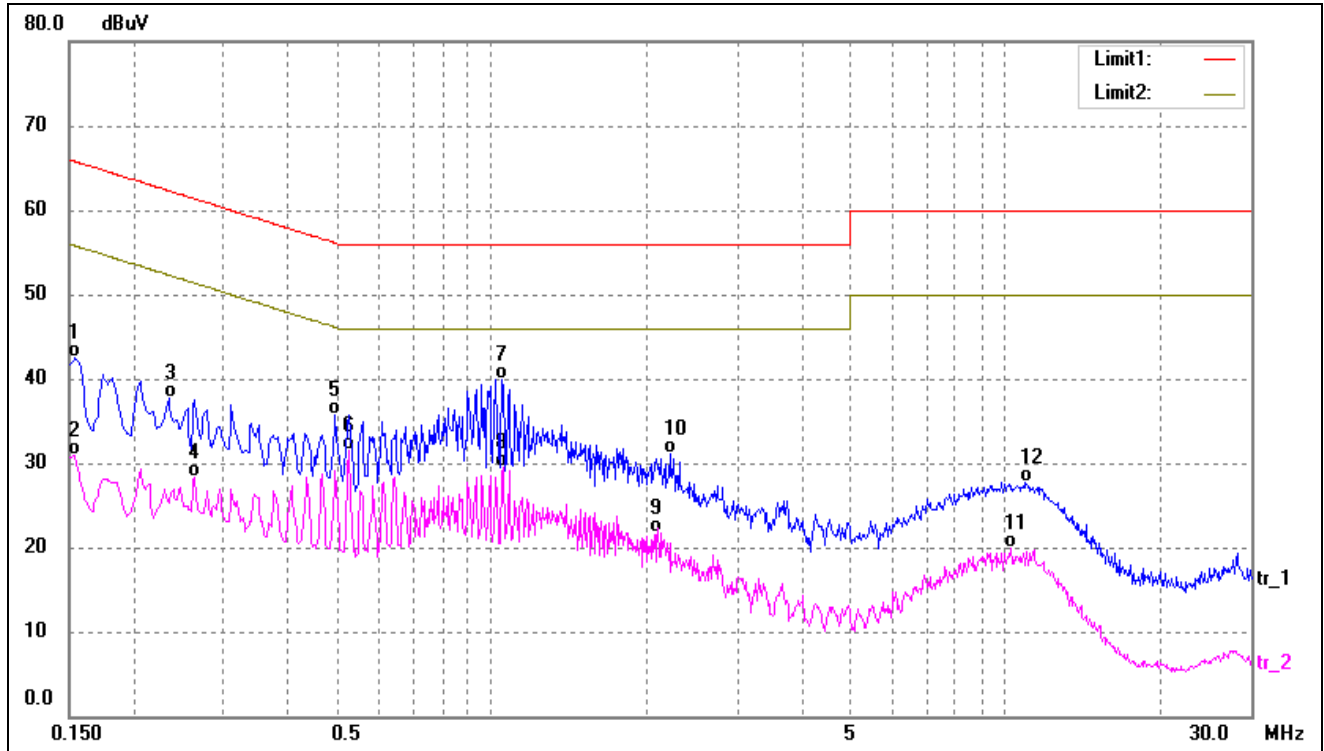
10.4 Summary of Test Results/Plots

Test Mode	Communication	AC120V 60Hz	Polarity:	Neutral
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1780	19.86	9.54	29.40	54.57	-25.17	AVG
2	0.1860	31.37	9.57	40.94	64.21	-23.27	QP
3	0.4620	25.52	9.65	35.17	56.66	-21.49	QP
4	0.4660	18.84	9.65	28.49	46.58	-18.09	AVG
5	0.9580	18.79	9.76	28.55	46.00	-17.45	AVG
6*	1.0500	29.74	9.74	39.48	56.00	-16.52	QP
7	1.9780	14.04	9.37	23.41	46.00	-22.59	AVG
8	2.0700	23.35	9.36	32.71	56.00	-23.29	QP
9	3.5900	10.65	9.44	20.09	46.00	-25.91	AVG
10	3.7820	20.35	9.45	29.80	56.00	-26.20	QP
11	11.0060	6.13	9.75	15.88	50.00	-34.12	AVG
12	11.0300	15.08	9.75	24.83	60.00	-35.17	QP

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1539	33.02	9.45	42.47	65.78	-23.31	QP
2	0.1539	21.37	9.45	30.82	55.78	-24.96	AVG
3	0.2340	27.98	9.63	37.61	62.30	-24.69	QP
4	0.2620	18.70	9.63	28.33	51.36	-23.03	AVG
5	0.4940	26.15	9.65	35.80	56.10	-20.30	QP
6*	0.5260	21.83	9.66	31.49	46.00	-14.51	AVG
7	1.0460	30.11	9.74	39.85	56.00	-16.15	QP
8	1.0500	19.67	9.74	29.41	46.00	-16.59	AVG
9	2.1300	12.36	9.37	21.73	46.00	-24.27	AVG
10	2.2220	21.69	9.37	31.06	56.00	-24.94	QP
11	10.2739	10.06	9.79	19.85	50.00	-30.15	AVG
12	10.8540	17.89	9.76	27.65	60.00	-32.35	QP

APPENDIX SUMMARY

Project No.	WTX25X07188392W001	Test Engineer	BAldi Zhong
Start date	2025/7/15	Finish date	2025/8/10
Temperature	23℃	Humidity	63%
RF specifications	WIFI-5G		

APPENDIX	Description of Test Item	Result
A	Emission Bandwidth& Occupied channel bandwidth& 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	18.240	5170.960	5189.200	---	---
11A	Ant2	5180	18.400	5170.920	5189.320	---	---
11A	Ant1	5200	18.240	5190.920	5209.160	---	---
11A	Ant2	5200	18.280	5190.960	5209.240	---	---
11A	Ant1	5240	18.280	5230.840	5249.120	---	---
11A	Ant2	5240	18.360	5230.880	5249.240	---	---
11A	Ant1	5260	18.280	5250.840	5269.120	---	---
11A	Ant2	5260	18.320	5250.920	5269.240	---	---
11A	Ant1	5280	18.360	5270.800	5289.160	---	---
11A	Ant2	5280	18.400	5270.920	5289.320	---	---
11A	Ant1	5320	18.320	5310.800	5329.120	---	---
11A	Ant2	5320	18.240	5310.920	5329.160	---	---
11A	Ant1	5500	18.400	5490.800	5509.200	---	---
11A	Ant2	5500	18.400	5490.920	5509.320	---	---
11A	Ant1	5580	18.320	5570.840	5589.160	---	---
11A	Ant2	5580	18.280	5570.960	5589.240	---	---
11A	Ant1	5700	18.400	5690.760	5709.160	---	---
11A	Ant2	5700	18.240	5691.000	5709.240	---	---
11A	Ant1	5745	18.320	5735.880	5754.200	---	---
11A	Ant2	5745	18.200	5735.960	5754.160	---	---
11A	Ant1	5785	18.320	5775.840	5794.160	---	---
11A	Ant2	5785	18.280	5775.960	5794.240	---	---
11A	Ant1	5825	18.280	5815.840	5834.120	---	---
11A	Ant2	5825	18.200	5815.920	5834.120	---	---
11N20MIMO	Ant1	5180	19.400	5170.280	5189.680	---	---
11N20MIMO	Ant2	5180	19.320	5170.280	5189.600	---	---
11N20MIMO	Ant1	5200	19.360	5190.320	5209.680	---	---
11N20MIMO	Ant2	5200	19.400	5190.280	5209.680	---	---
11N20MIMO	Ant1	5240	19.360	5230.280	5249.640	---	---
11N20MIMO	Ant2	5240	19.320	5230.320	5249.640	---	---
11N20MIMO	Ant1	5260	19.400	5250.240	5269.640	---	---
11N20MIMO	Ant2	5260	19.280	5250.400	5269.680	---	---
11N20MIMO	Ant1	5280	19.360	5270.280	5289.640	---	---
11N20MIMO	Ant2	5280	19.400	5270.240	5289.640	---	---
11N20MIMO	Ant1	5320	19.360	5310.280	5329.640	---	---
11N20MIMO	Ant2	5320	19.360	5310.240	5329.600	---	---

11N20MIMO	Ant1	5500	19.360	5490.320	5509.680	---	---
11N20MIMO	Ant2	5500	19.400	5490.280	5509.680	---	---
11N20MIMO	Ant1	5580	19.280	5570.320	5589.600	---	---
11N20MIMO	Ant2	5580	19.400	5570.280	5589.680	---	---
11N20MIMO	Ant1	5700	19.400	5690.280	5709.680	---	---
11N20MIMO	Ant2	5700	19.480	5690.240	5709.720	---	---
11N20MIMO	Ant1	5745	19.240	5735.400	5754.640	---	---
11N20MIMO	Ant2	5745	19.360	5735.320	5754.680	---	---
11N20MIMO	Ant1	5785	19.320	5775.320	5794.640	---	---
11N20MIMO	Ant2	5785	19.440	5775.240	5794.680	---	---
11N20MIMO	Ant1	5825	19.280	5815.320	5834.600	---	---
11N20MIMO	Ant2	5825	19.240	5815.400	5834.640	---	---
11N40MIMO	Ant1	5190	39.040	5170.720	5209.760	---	---
11N40MIMO	Ant2	5190	38.880	5170.720	5209.600	---	---
11N40MIMO	Ant1	5230	38.960	5210.720	5249.680	---	---
11N40MIMO	Ant2	5230	39.120	5210.640	5249.760	---	---
11N40MIMO	Ant1	5270	38.800	5250.720	5289.520	---	---
11N40MIMO	Ant2	5270	39.120	5250.640	5289.760	---	---
11N40MIMO	Ant1	5310	39.040	5290.640	5329.680	---	---
11N40MIMO	Ant2	5310	39.120	5290.640	5329.760	---	---
11N40MIMO	Ant1	5510	39.040	5490.640	5529.680	---	---
11N40MIMO	Ant2	5510	39.120	5490.640	5529.760	---	---
11N40MIMO	Ant1	5550	38.960	5530.720	5569.680	---	---
11N40MIMO	Ant2	5550	38.880	5530.800	5569.680	---	---
11N40MIMO	Ant1	5670	38.880	5650.720	5689.600	---	---
11N40MIMO	Ant2	5670	39.040	5650.560	5689.600	---	---
11N40MIMO	Ant1	5755	39.040	5735.720	5774.760	---	---
11N40MIMO	Ant2	5755	38.960	5735.640	5774.600	---	---
11N40MIMO	Ant1	5795	39.040	5775.720	5814.760	---	---
11N40MIMO	Ant2	5795	38.800	5775.640	5814.440	---	---
11AC20MIMO	Ant1	5180	19.400	5170.360	5189.760	---	---
11AC20MIMO	Ant2	5180	19.560	5170.200	5189.760	---	---
11AC20MIMO	Ant1	5200	19.400	5190.240	5209.640	---	---
11AC20MIMO	Ant2	5200	19.320	5190.400	5209.720	---	---
11AC20MIMO	Ant1	5240	19.320	5230.360	5249.680	---	---
11AC20MIMO	Ant2	5240	19.480	5230.200	5249.680	---	---
11AC20MIMO	Ant1	5260	19.240	5250.400	5269.640	---	---
11AC20MIMO	Ant2	5260	19.440	5250.280	5269.720	---	---
11AC20MIMO	Ant1	5280	19.360	5270.280	5289.640	---	---
11AC20MIMO	Ant2	5280	19.360	5270.280	5289.640	---	---
11AC20MIMO	Ant1	5320	19.400	5310.360	5329.760	---	---

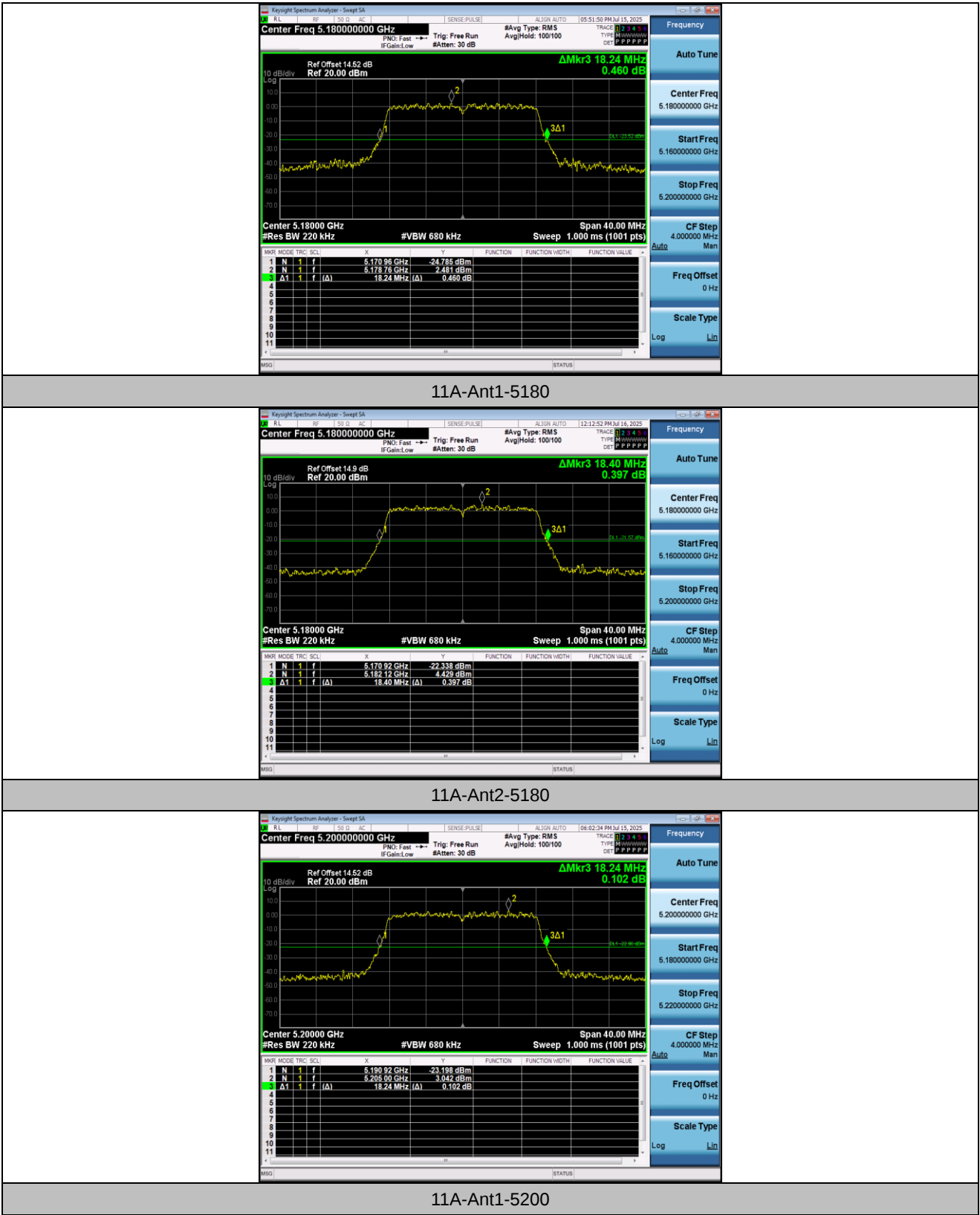
11AC20MIMO	Ant2	5320	19.560	5310.240	5329.800	---	---
11AC20MIMO	Ant1	5500	19.400	5490.360	5509.760	---	---
11AC20MIMO	Ant2	5500	19.480	5490.240	5509.720	---	---
11AC20MIMO	Ant1	5580	19.480	5570.240	5589.720	---	---
11AC20MIMO	Ant2	5580	19.360	5570.360	5589.720	---	---
11AC20MIMO	Ant1	5700	19.480	5690.280	5709.760	---	---
11AC20MIMO	Ant2	5700	19.400	5690.280	5709.680	---	---
11AC20MIMO	Ant1	5745	19.440	5735.280	5754.720	---	---
11AC20MIMO	Ant2	5745	19.520	5735.280	5754.800	---	---
11AC20MIMO	Ant1	5785	19.360	5775.320	5794.680	---	---
11AC20MIMO	Ant2	5785	19.400	5775.240	5794.640	---	---
11AC20MIMO	Ant1	5825	19.400	5815.200	5834.600	---	---
11AC20MIMO	Ant2	5825	19.480	5815.200	5834.680	---	---
11AC40MIMO	Ant1	5190	38.880	5170.800	5209.680	---	---
11AC40MIMO	Ant2	5190	39.120	5170.560	5209.680	---	---
11AC40MIMO	Ant1	5230	38.800	5210.640	5249.440	---	---
11AC40MIMO	Ant2	5230	39.040	5210.640	5249.680	---	---
11AC40MIMO	Ant1	5270	38.960	5250.640	5289.600	---	---
11AC40MIMO	Ant2	5270	39.120	5250.560	5289.680	---	---
11AC40MIMO	Ant1	5310	38.800	5290.560	5329.360	---	---
11AC40MIMO	Ant2	5310	38.800	5290.640	5329.440	---	---
11AC40MIMO	Ant1	5510	38.800	5490.880	5529.680	---	---
11AC40MIMO	Ant2	5510	39.120	5490.640	5529.760	---	---
11AC40MIMO	Ant1	5550	38.880	5530.800	5569.680	---	---
11AC40MIMO	Ant2	5550	38.800	5530.720	5569.520	---	---
11AC40MIMO	Ant1	5670	38.880	5650.720	5689.600	---	---
11AC40MIMO	Ant2	5670	38.960	5650.640	5689.600	---	---
11AC40MIMO	Ant1	5755	38.880	5735.640	5774.520	---	---
11AC40MIMO	Ant2	5755	38.560	5735.720	5774.280	---	---
11AC40MIMO	Ant1	5795	38.800	5775.720	5814.520	---	---
11AC40MIMO	Ant2	5795	38.960	5775.640	5814.600	---	---
11AC80MIMO	Ant1	5210	84.320	5169.200	5253.520	---	---
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11AC80MIMO	Ant1	5290	86.720	5246.640	5333.360	---	---
11AC80MIMO	Ant2	5290	85.120	5245.840	5330.960	---	---
11AC80MIMO	Ant1	5530	86.880	5486.320	5573.200	---	---
11AC80MIMO	Ant2	5530	84.320	5488.560	5572.880	---	---
11AC80MIMO	Ant1	5610	87.360	5566.160	5653.520	---	---
11AC80MIMO	Ant2	5610	84.960	5565.680	5650.640	---	---
11AC80MIMO	Ant1	5775	87.040	5731.000	5818.040	---	---
11AC80MIMO	Ant2	5775	84.320	5731.320	5815.640	---	---

11AX20MIMO	Ant1	5180	19.480	5170.240	5189.720	---	---
11AX20MIMO	Ant2	5180	19.360	5170.280	5189.640	---	---
11AX20MIMO	Ant1	5200	19.520	5190.200	5209.720	---	---
11AX20MIMO	Ant2	5200	19.440	5190.240	5209.680	---	---
11AX20MIMO	Ant1	5240	19.440	5230.240	5249.680	---	---
11AX20MIMO	Ant2	5240	19.440	5230.240	5249.680	---	---
11AX20MIMO	Ant1	5260	19.440	5250.280	5269.720	---	---
11AX20MIMO	Ant2	5260	19.400	5250.280	5269.680	---	---
11AX20MIMO	Ant1	5280	19.480	5270.200	5289.680	---	---
11AX20MIMO	Ant2	5280	19.360	5270.240	5289.600	---	---
11AX20MIMO	Ant1	5320	19.280	5310.320	5329.600	---	---
11AX20MIMO	Ant2	5320	19.440	5310.280	5329.720	---	---
11AX20MIMO	Ant1	5500	19.400	5490.320	5509.720	---	---
11AX20MIMO	Ant2	5500	19.360	5490.400	5509.760	---	---
11AX20MIMO	Ant1	5580	19.400	5570.240	5589.640	---	---
11AX20MIMO	Ant2	5580	19.440	5570.280	5589.720	---	---
11AX20MIMO	Ant1	5700	19.360	5690.400	5709.760	---	---
11AX20MIMO	Ant2	5700	19.360	5690.360	5709.720	---	---
11AX20MIMO	Ant1	5745	19.400	5735.240	5754.640	---	---
11AX20MIMO	Ant2	5745	19.480	5735.240	5754.720	---	---
11AX20MIMO	Ant1	5785	19.520	5775.280	5794.800	---	---
11AX20MIMO	Ant2	5785	19.400	5775.200	5794.600	---	---
11AX20MIMO	Ant1	5825	19.400	5815.280	5834.680	---	---
11AX20MIMO	Ant2	5825	19.520	5815.200	5834.720	---	---
11AX40MIMO	Ant1	5190	39.600	5170.240	5209.840	---	---
11AX40MIMO	Ant2	5190	39.600	5170.080	5209.680	---	---
11AX40MIMO	Ant1	5230	40.000	5210.000	5250.000	---	---
11AX40MIMO	Ant2	5230	39.840	5210.080	5249.920	---	---
11AX40MIMO	Ant1	5270	39.760	5250.080	5289.840	---	---
11AX40MIMO	Ant2	5270	39.840	5250.080	5289.920	---	---
11AX40MIMO	Ant1	5310	39.600	5290.080	5329.680	---	---
11AX40MIMO	Ant2	5310	40.000	5290.000	5330.000	---	---
11AX40MIMO	Ant1	5510	39.840	5490.080	5529.920	---	---
11AX40MIMO	Ant2	5510	40.000	5490.080	5530.080	---	---
11AX40MIMO	Ant1	5550	39.440	5530.240	5569.680	---	---
11AX40MIMO	Ant2	5550	39.680	5530.160	5569.840	---	---
11AX40MIMO	Ant1	5670	39.520	5650.160	5689.680	---	---
11AX40MIMO	Ant2	5670	39.920	5650.080	5690.000	---	---
11AX40MIMO	Ant1	5755	39.840	5735.080	5774.920	---	---
11AX40MIMO	Ant2	5755	39.840	5735.080	5774.920	---	---
11AX40MIMO	Ant1	5795	39.760	5775.080	5814.840	---	---

Reference No.: WTX25X07188392W001

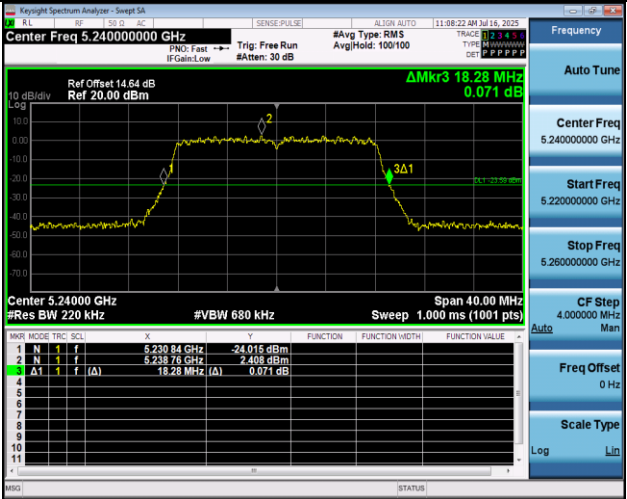
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11AX80MIMO	Ant2	5210	83.680	5168.720	5252.400	---	---
11AX80MIMO	Ant1	5290	85.280	5247.440	5332.720	---	---
11AX80MIMO	Ant2	5290	84.960	5245.520	5330.480	---	---
11AX80MIMO	Ant1	5530	86.080	5486.800	5572.880	---	---
11AX80MIMO	Ant2	5530	84.160	5488.560	5572.720	---	---
11AX80MIMO	Ant1	5610	87.360	5566.160	5653.520	---	---
11AX80MIMO	Ant2	5610	84.480	5566.000	5650.480	---	---
11AX80MIMO	Ant1	5775	87.520	5730.680	5818.200	---	---
11AX80MIMO	Ant2	5775	85.280	5730.680	5815.960	---	---

Test Graphs

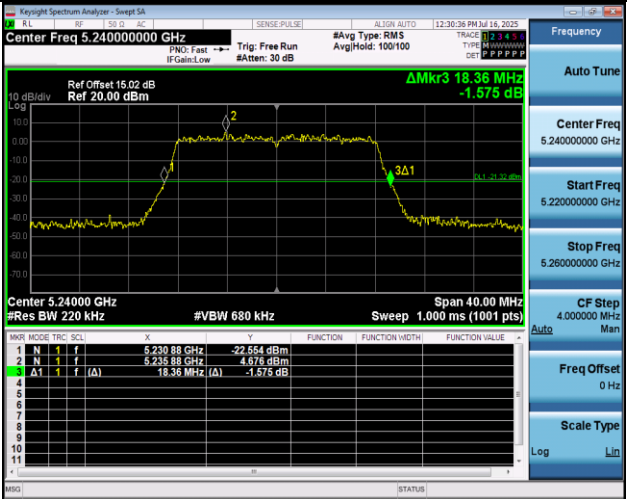




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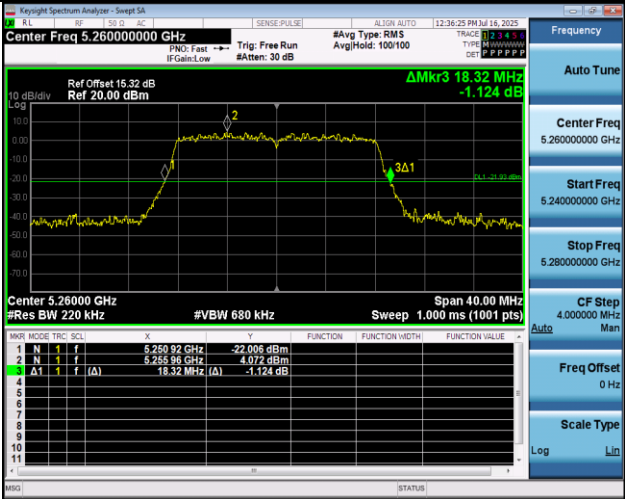
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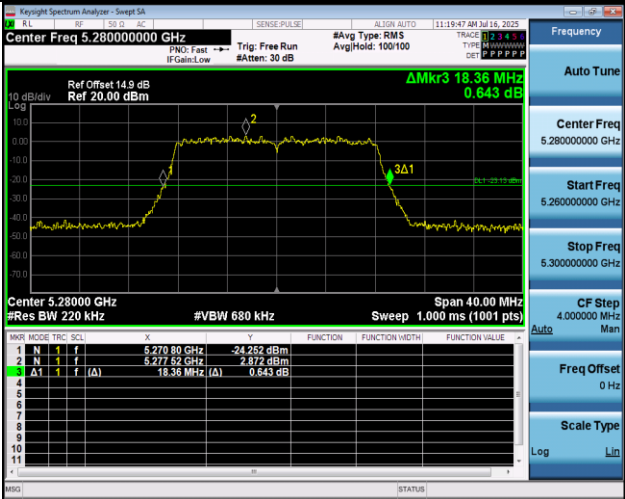
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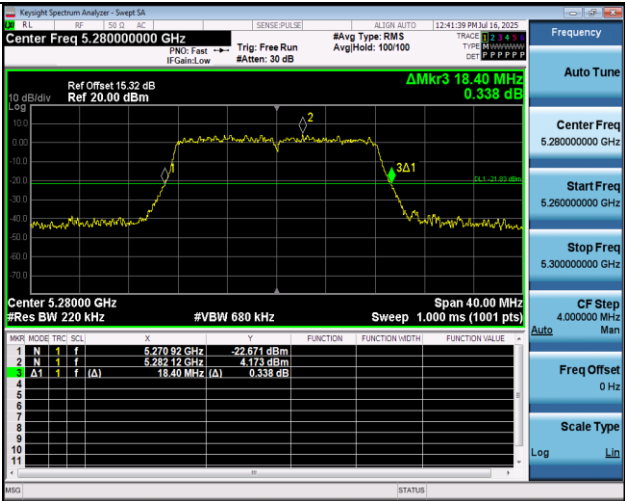
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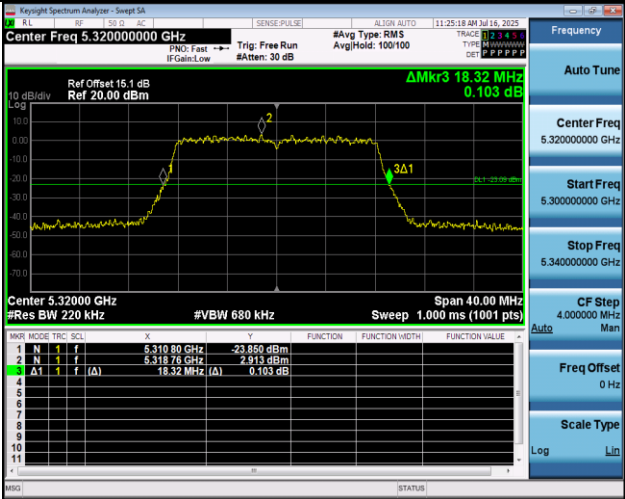
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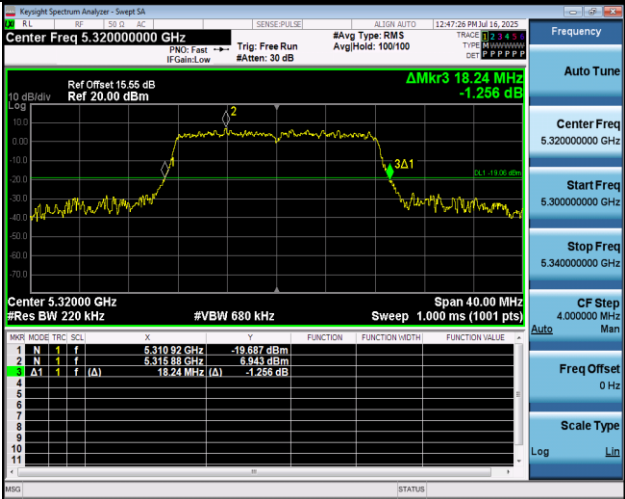
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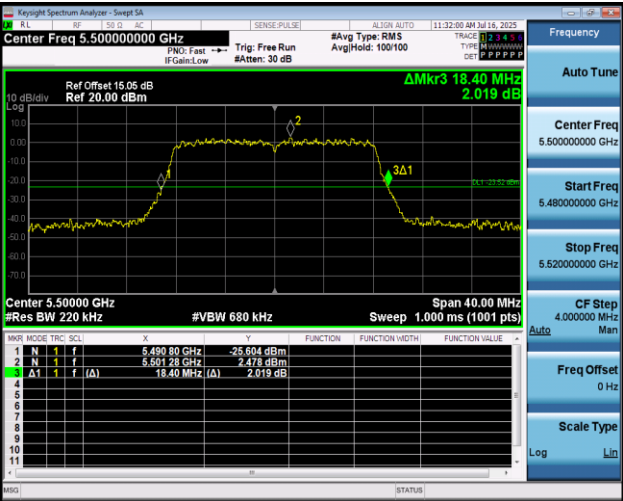
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11A-Ant1-5320



11A-Ant2-5320



11A-Ant1-5500



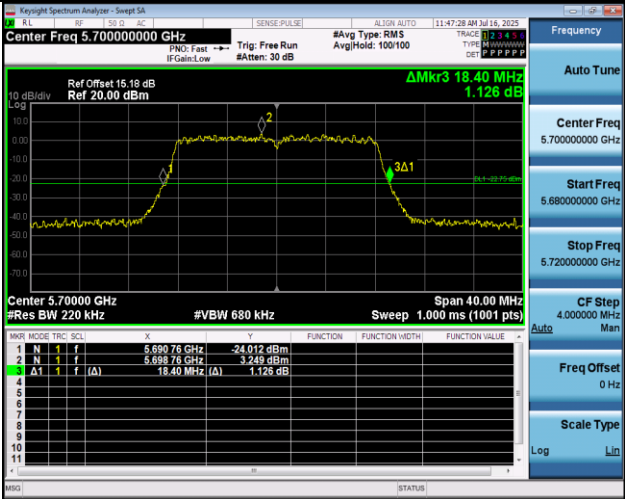
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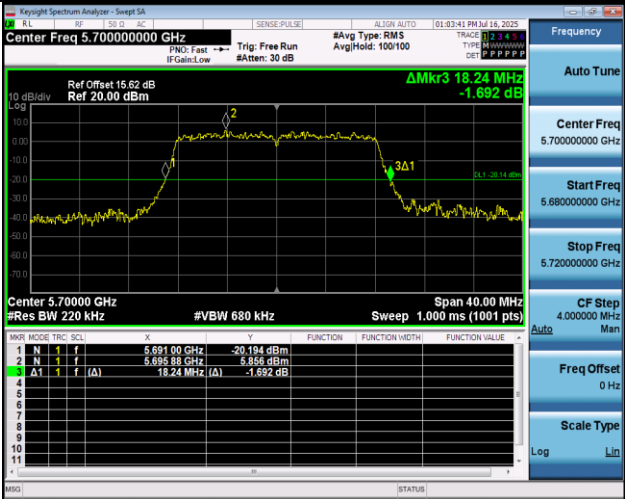
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11A-Ant2-5580



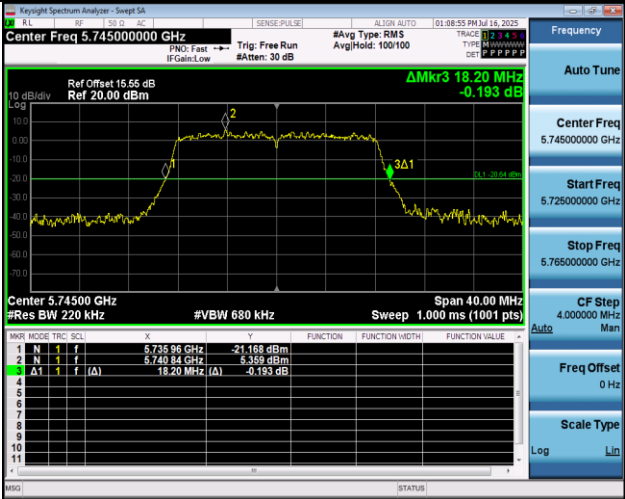
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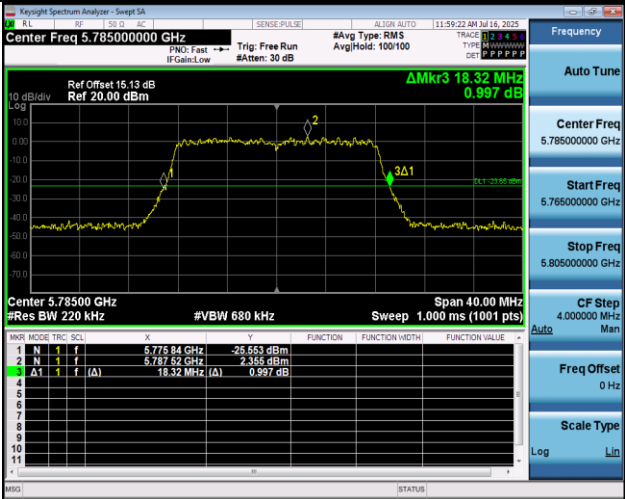
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11A-Ant1-5745



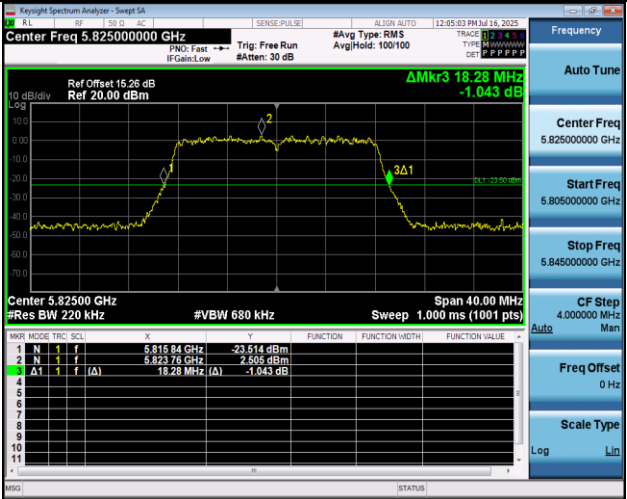
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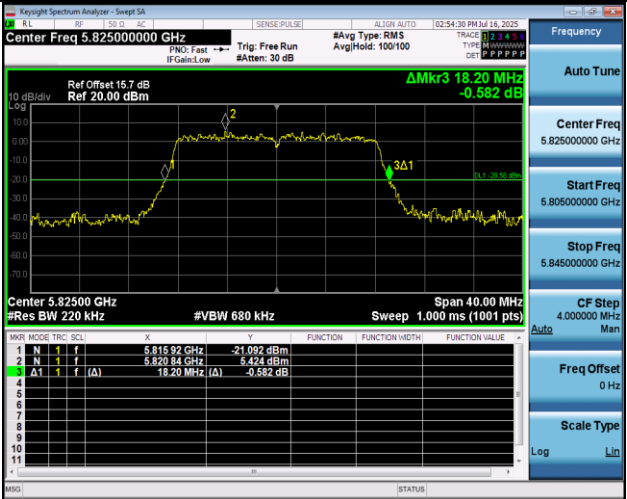
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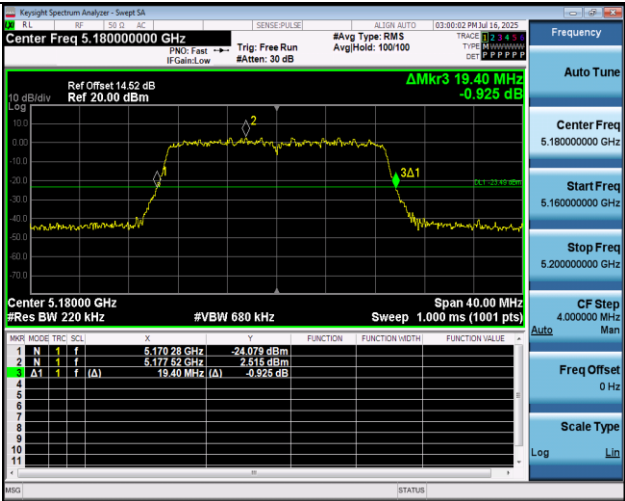
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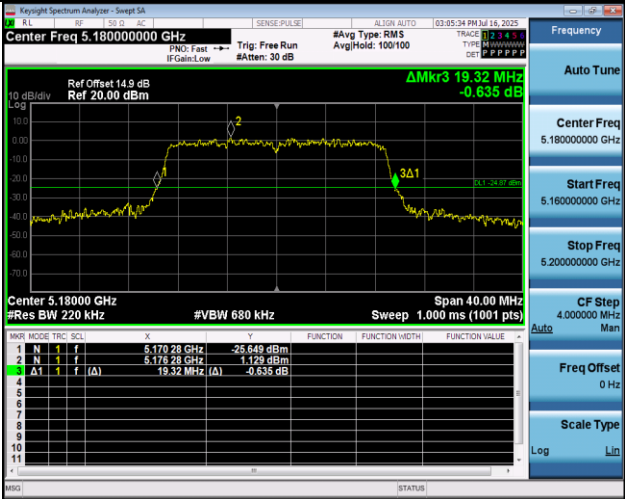
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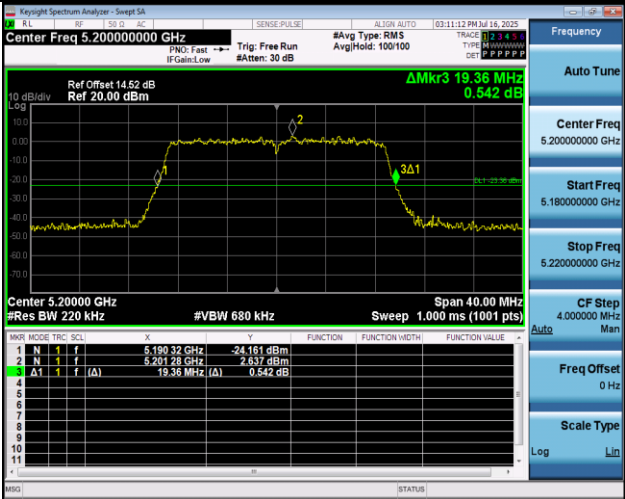
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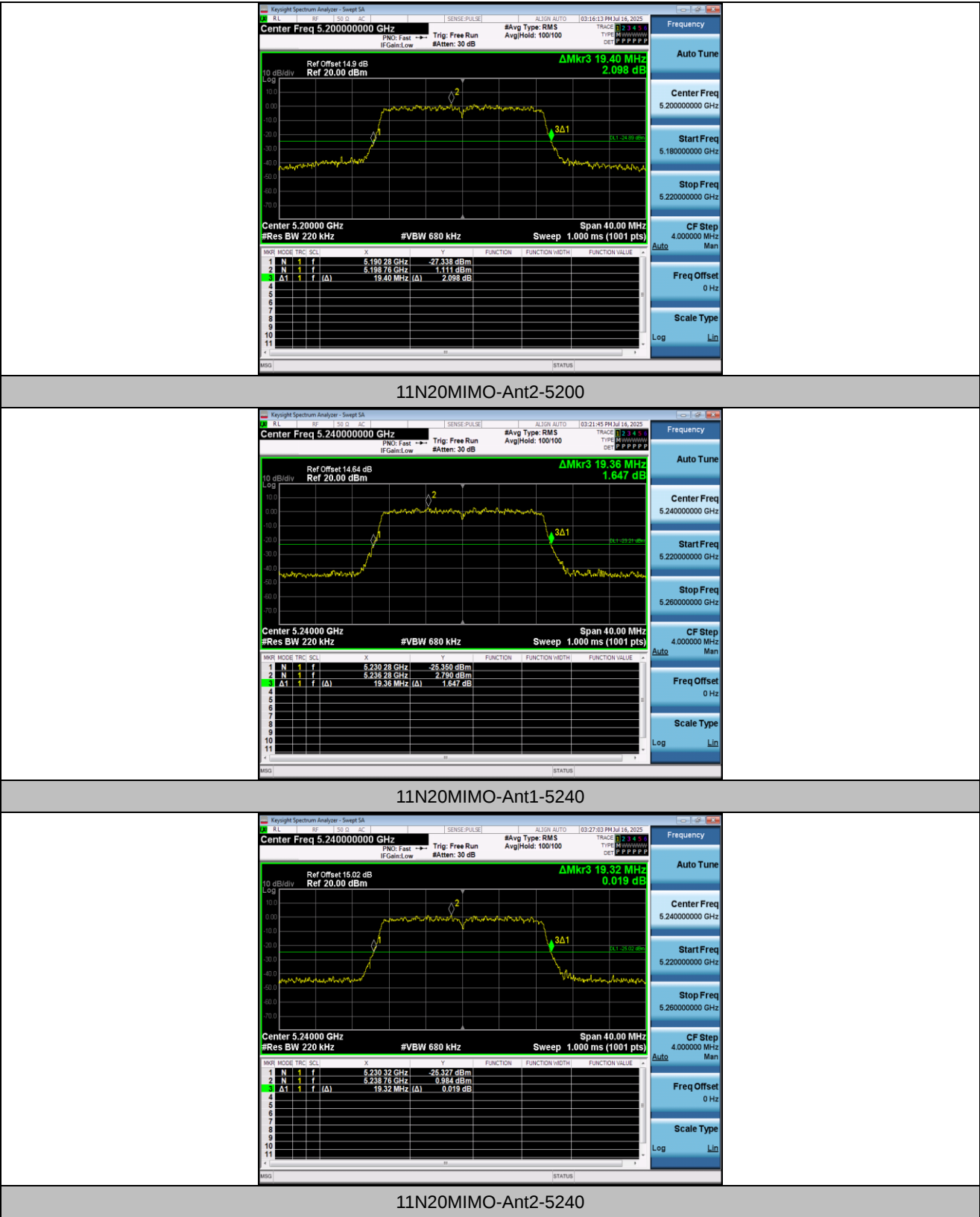
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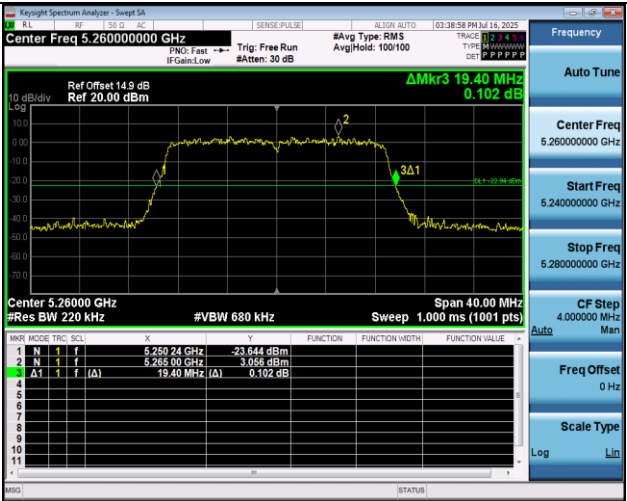


11N20MIMO-Ant2-5180

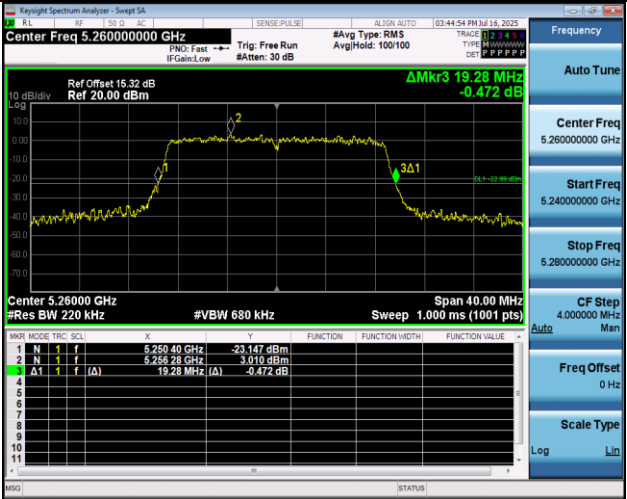


11N20MIMO-Ant1-5200

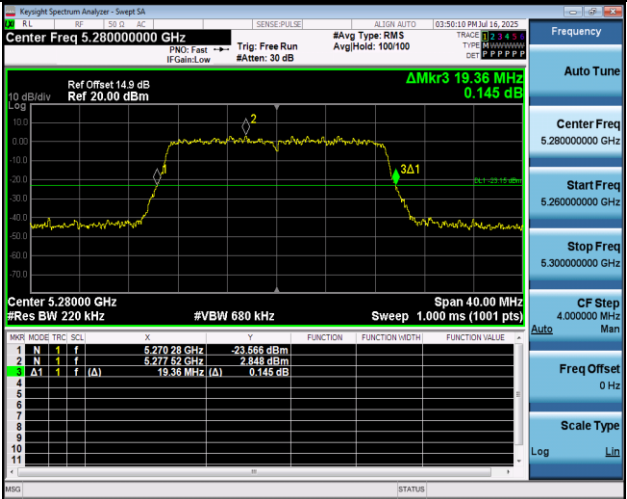




11N20MIMO-Ant1-5260



11N20MIMO-Ant2-5260



11N20MIMO-Ant1-5280

