TEST REPORT

Reference No.	:	WTD25X07172964W003
FCC ID	:	2APRGRE3600
Applicant	:	Shenzhen Cudy Technology Co., Ltd.
Address	:	7/F, Lepu Tower (West), 66 Xingke Rd, Nanshan, Shenzhen, China
Manufacturer	:	The same as Applicant
Address	:	The same as Applicant
Product Name	:	BE3600 Dual-Band Mesh Wi-Fi 7 Extender
Model No.	:	RE3600
Standards	:	FCC Part 15.247
Date of Receipt sample	:	2025-07-01
Date of Test	:	2025-07-04 to 2026-02-02
Date of Issue	:	2026-02-02
Test Report Form No.	:	WTX_Part 15_247W
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.

Prepared By:

Waltek Testing Group (Shenzhen) Co., Ltd.

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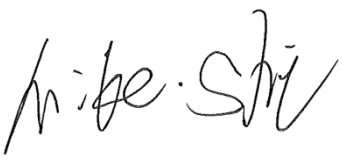
Tested by:



Mike Shi/Project Engineer

Approved by:

Silin Chen/Manager

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Report version

Version No.	Date of issue	Description
Rev.00	2026-02-02	Original
/	/	/

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

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

Technical Characteristics of EUT	
Support Standards:	802.11b, 802.11g, 802.11n, 802.11ax, 802.11be
Frequency Range:	2412-2462MHz for 802.11b/g/n/ax/be(HT/HE/EHT20) 2422-2452MHz for 802.11n/ax/be(HT/HE/EHT40)
Max. RF Output Power:	802.11b/g ANT1:15.92dBm (Conducted) 802.11b/g ANT2:15.97dBm (Conducted) 802.11n/ax/be MIMO:16.83dBm (Conducted)
Type of Modulation:	DSSS, OFDM, OFDMA, BPSK, QPSK 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM
Quantity of Channels:	11 for 802.11b/g/n/ax/be(HT/HE/EHT20); 7 for 802.11n/ax/be(HT/HE/EHT40)
Channel Separation:	5MHz
Type of Antenna:	External Antenna
Antenna Gain:	ANT1:1.18dBi ANT2:1.18dBi
Note1: The Antenna Gain is provided by the customer and can affect the validity of results. *Note2:* The 2.4GHz WIFI has two antennas and support Multiple Outputs for 802.11n/ax/be mode for this report; Antenna 1&2 Gain is 1.18dBi; For this function is belong to Correlated Categorization equipment According to KDB 662911, for same directional gain. Directional gain = GANT + 10 log(NANT) dBi =1.18+10log(2) dBi=4.19dBi	

1.2 Test Standards

The tests were performed according to following standards:

FCC Rules Part 15.247: Frequency Hopping, Direct Spread Spectrum and Hybrid Systems that are in operation within the bands of 902-928MHz, 2400-2483.5MHz, and 5725-5850MHz.
558074 D01 15.247 Meas Guidance v05r02: Guidance for Compliance Measurements on Digital Transmission System, Frequency Hopping Spread Spectrum System, and Hybrid System Devices Operating undersection 15.247 of the Fcc rules.
ANSI C63.10-2020: American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

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, KDB 558074 D01 15.247 Meas Guidance v05r02.
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 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 mai ntained 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.

1.5 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	802.11b	Low:2412MHz, Middle:2437MHz,High:2462MHz
TM2	802.11g	Low:2412MHz, Middle:2437MHz,High:2462MHz
TM3	802.11n-HT20	Low:2412MHz, Middle:2437MHz,High:2462MHz
TM4	802.11ax-HE20	Low:2412MHz, Middle:2437MHz,High:2462MHz
TM5	802.11be-EHT20	Low:2412MHz, Middle:2437MHz,High:2462MHz
TM6	802.11n-HT40	Low:2422MHz, Middle:2437MHz,High:2452MHz
TM7	802.11ax-HE40	Low:2422MHz, Middle:2437MHz,High:2452MHz
TM8	802.11be-EHT40	Low:2422MHz, Middle:2437MHz,High:2452MHz
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: 802.11ax, 802.11be, only support full RU.		

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

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

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

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

1.6 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

1.7 Test Equipment List and Details

Fixed asset Number	Description	Manufacturer	Model	Serial No.	Cal Date	Due. Date
WTXE1041A1001	Communication Tester	Rohde & Schwarz	CMW500	148650	2025-02-23	2026-02-22
WTXE1005A1005	Spectrum Analyzer	Agilent	N9020A	US47140102	2025-02-23	2026-02-22
WTXE1084A1001	Spectrum Analyzer	Agilent	N9020A	MY54320548	2025-02-23	2026-02-22
WTXE1004A1-001	Spectrum Analyzer	Rohde & Schwarz	FSP40	100612	2025-02-23	2026-02-22
WTXE1051A1001	Power Sensor	Agilent	U2021XA	MY55160007	2025-02-23	2026-02-22
WTXE1051A1002	Power Sensor	Agilent	U2021XA	MY54240001	2025-02-23	2026-02-22
WTXW1105A1010	Spectrum Analyzer	KEYSIGHT	N9020A	MY51285677	2025-02-23	2026-02-22
WTXE1105A1008	RF Control Unit	Tonscend	JS0806-2	24F80620870	2025-02-23	2026-02-22
WTXE1103A1003	Attenuator	Pasternack	PE4007-4	/	2025-02-23	2026-02-22
WTXE1003A1-005	Coaxial Cable	/	0M4RFC	/	2025-02-23	2026-02-22
☐ Chamber A: Below 1GHz						
WTXE1005A1003	Spectrum Analyzer	Rohde & Schwarz	FSP30	836079/035	2025-02-23	2026-02-22
WTXE1001A1001	EMI Test Receiver	Rohde & Schwarz	ESPI	101611	2025-02-23	2026-02-22
WTXE1007A1002	Amplifier	HP	8447F	2805A03475	2025-02-23	2026-02-22
WTXE1010A1007	Loop Antenna	Schwarz beck	FMZB 1516	9773	2024-02-26	2026-02-25
WTXE1010A1006	Broadband Antenna	Schwarz beck	VULB9163	9163-333	2025-02-23	2026-02-22
WTXE1104A1032-1	Coaxial Cable	/	RC_6G-N-M	/	2025-02-23	2026-02-22
WTXE1104A1032-2	Coaxial Cable	/	RC_6G-N-M	/	2025-02-23	2026-02-22
WTXE1104A1032-3	Coaxial Cable	/	RC_6G-N-M	/	2025-02-23	2026-02-22
☐ Chamber A: Above 1GHz						

WTXE1005A 1003	Spectrum Analyzer	Rohde & Schwarz	FSP30	836079/035	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	2944A10457	2025-02-23	2026-02-22
WTXE1001A 1002	EMI Test Receiver	Rohde & Schwarz	ESPI	101391	2025-02-23	2026-02-22
WTXE1104A 1031-1	Coaxial Cable	/	1.5MRFC-LWB3	/	2025-02-23	2026-02-22
WTXE1104A 1031-2	Coaxial Cable	/	RG 316	/	2025-02-23	2026-02-22
WTXE1104A 1031-3	Coaxial Cable	/	RG 316	/	2025-02-23	2026-02-22
☒ Chamber C:Below 1GHz						
WTXE1093A 1001	EMI Test Receiver	Rohde & Schwarz	ESIB 26	100401	2025-02-23	2026-02-22
WTXE1010A 1013-1	Trilog Broadband Antenna	Schwarz beck	VULB 9168	1194	2024-04-18	2027-04-17
WTXE1010A 1007	Loop Antenna	Schwarz beck	FMZB 1516	9773	2024-02-26	2026-02-25
WTXE1007A 1003	Amplifier	HP	8447F	2944A03869	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
					2025-11-25	2026-11-24
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; §15.247(b)(4)(i)	Antenna Requirement	Compliant
§15.205	Restricted Band of Operation	Compliant
§15.207(a)	Conducted Emission	Compliant
§15.247(e)	Power Spectral Density	Compliant
§15.247(a)(2)	DTS Bandwidth	Compliant
§15.247(b)(3)	RF Output Power	Compliant
§15.209(a)	Radiated Emission	Compliant
§15.247(d)	Band Edge (Out of Band Emissions)	Compliant

N/A: Not applicable.

3. Antenna Requirement

3.1 Standard Applicable

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

3.2 Evaluation Information

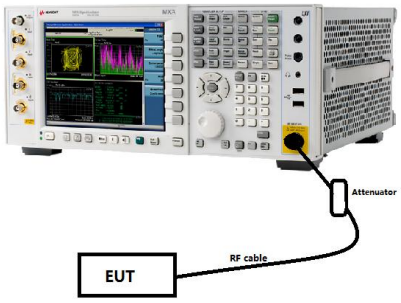
This product has two External antennas, fulfill the requirement of this section.

4. Power Spectral Density

4.1 Standard Applicable

According to 15.247(e), for digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission.

4.2 Test Setup Block Diagram



4.3 Test Procedure

According to the KDB 558074 D01 v05r02 Subclause 8.4 and ANSI C63.10-2020 Subclause 11.10.3, such specifications require that the same method as used to determine the conducted output power shall also be used to determine the power spectral density. The test method of power spectral density as below:

a) Set instrument center frequency to DTS channel center frequency.
b) Set span to at least 1.5 times the OBW.
c) Set RBW to: 3kHz ≤ RBW ≤ 100kHz. .
d) Set VBW ≥3 x RBW.
e) Detector = power averaging (RMS) or sample detector (when RMS not available).
f) Ensure that the number of measurement points in the sweep ≥ 2 x span/RBW.
g) Sweep time = auto couple.
h) Employ trace averaging (RMS) mode over a minimum of 100 traces.
i) Use the peak marker function to determine the maximum amplitude level.
j) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat (note that this may require zooming in on the emission of interest and reducing the span in order to meet the minimum measurement point requirement as the RBW is reduced).

4.4 Summary of Test Results/Plots

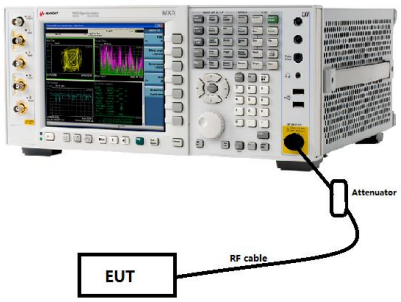
Please refer to Appendix C

5. DTS Bandwidth

5.1 Standard Applicable

According to 15.247(a)(2), systems using digital modulation techniques may operate in the 902–928MHz, 2400–2483.5MHz, and 5725–5850MHz bands. The minimum 6 dB bandwidth shall be at least 500kHz.

5.2 Test Setup Block Diagram



5.3 Test Procedure

According to the KDB 558074 D01 v05r02 Subclause 8.2 and ANSI C63.10-2020 Subclause 11.8.1, the test method of DTS Bandwidth as below:

Option 1：

The steps for the first option are as follows:

a) Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz.

b) Set the VBW ≥ [3 × RBW].

c) Detector = peak.

d) Trace mode = max-hold.

e) Sweep = No faster than coupled (auto) time.

f) Allow the trace to stabilize.

g) Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “-6 dB down amplitude”. If a marker is below this “-6 dB downamplitude” value, then it shall be as close as possible to this value.

Option 2：

The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described in ANSI C63.10-2020 Subclause 11.8.1 (i.e., RBW = 100 kHz, VBW ≥ 3 × RBW, and peak detector with maximum hold) is implemented by the instrumentation function. When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be ≥ 6 dB

5.4 Summary of Test Results/Plots

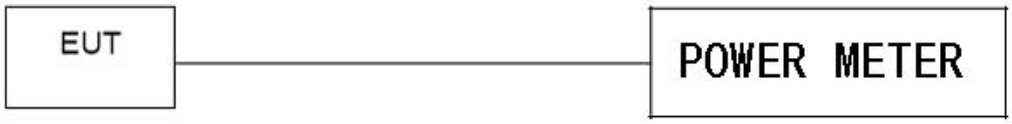
Please refer to Appendix A

6. RF Output Power

6.1 Standard Applicable

According to 15.247(b)(3), for systems using digital modulation in the 902–928MHz, 2400–2483.5MHz, and 5725–5850MHz bands: 1 Watt.

6.2 Test Setup Block Diagram



6.3 Test Procedure

The EUT was directly connected to the Power meter.

6.4 Summary of Test Results/Plots

Please refer to Appendix B

7. Field Strength of Spurious Emissions

7.1 Standard Applicable

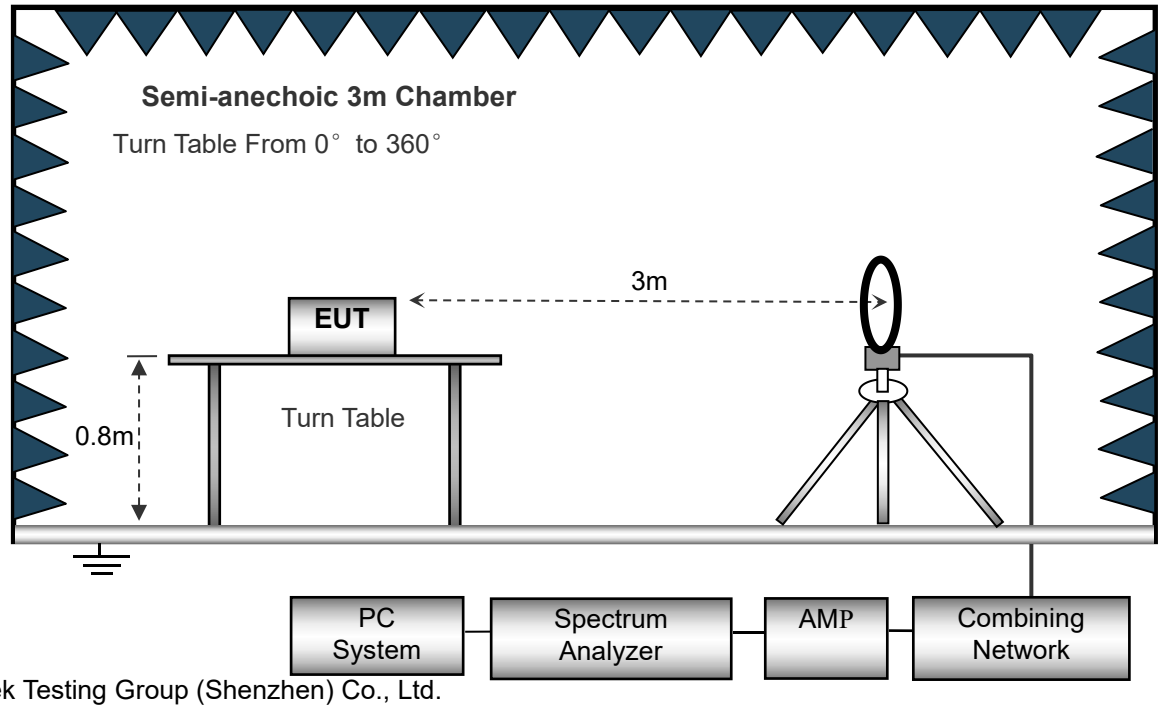
According to §15.247(d), in any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30dB instead of 20dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a).

The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in §15.35 for limiting peak emissions apply. Spurious Radiated Emissions measurements starting below or at the lowest crystal frequency.

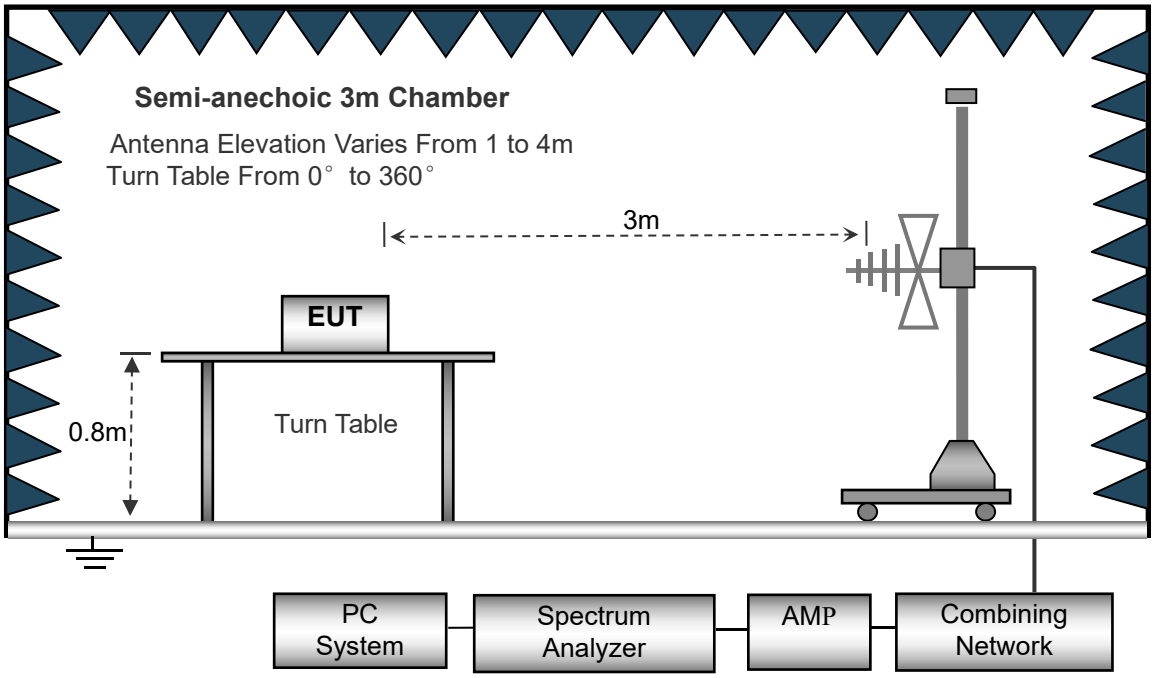
7.2 Test Procedure

The setup of EUT is according with per ANSI C63.10-2020 measurement procedure. The specification used was with the FCC Part 15.205 15.247(a) 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.

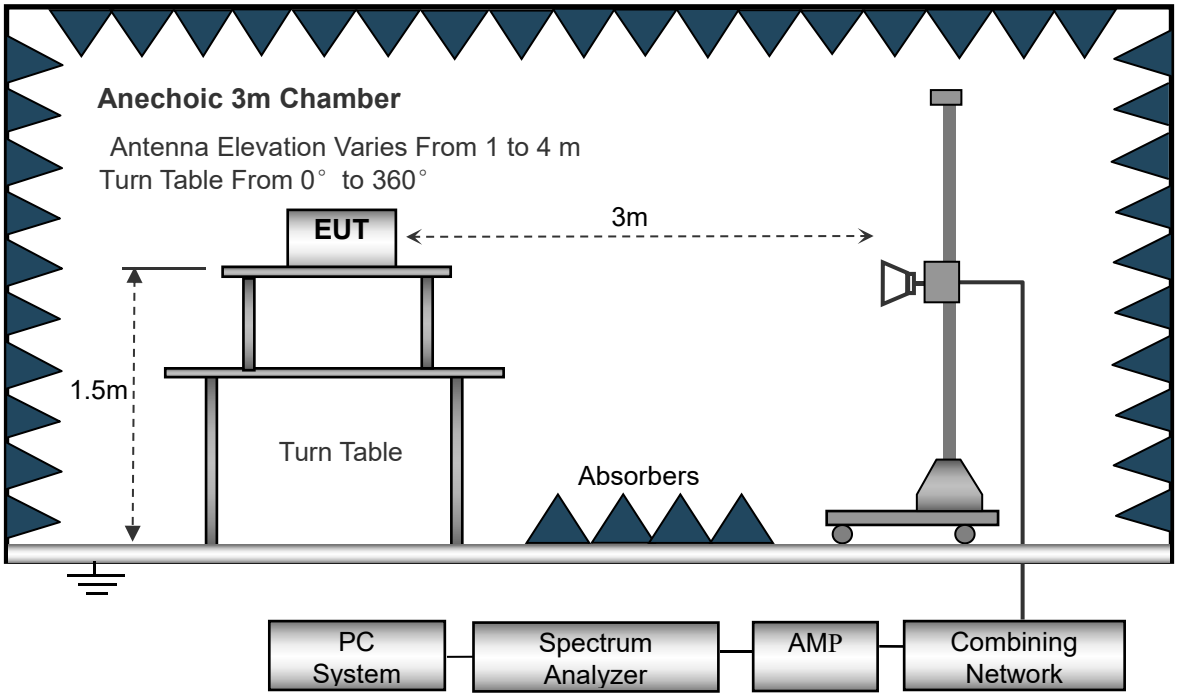
The test setup for emission measurement below 30MHz.



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



The test setup for emission measurement above 1GHz.



Frequency :9kHz-30MHz	Frequency :30MHz-1GHz	Frequency :Above 1GHz
RBW=10kHz,	RBW=120kHz,	RBW=1MHz,
VBW =30kHz	VBW=300kHz	VBW=3MHz(Peak), 10Hz(AV)
Sweep time= Auto	Sweep time= Auto	Sweep time= Auto
Trace = max hold	Trace = max hold	Trace = max hold
Detector function = peak	Detector function = peak, QP	Detector function = peak, AV

7.3 Corrected Amplitude & Margin Calculation

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

Corr. Ampl. = Indicated Reading + Ant. Factor + Cable Loss – 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. The equation for margin calculation is as follows:

Margin = Corr. Ampl. – FCC Part 15 Limit

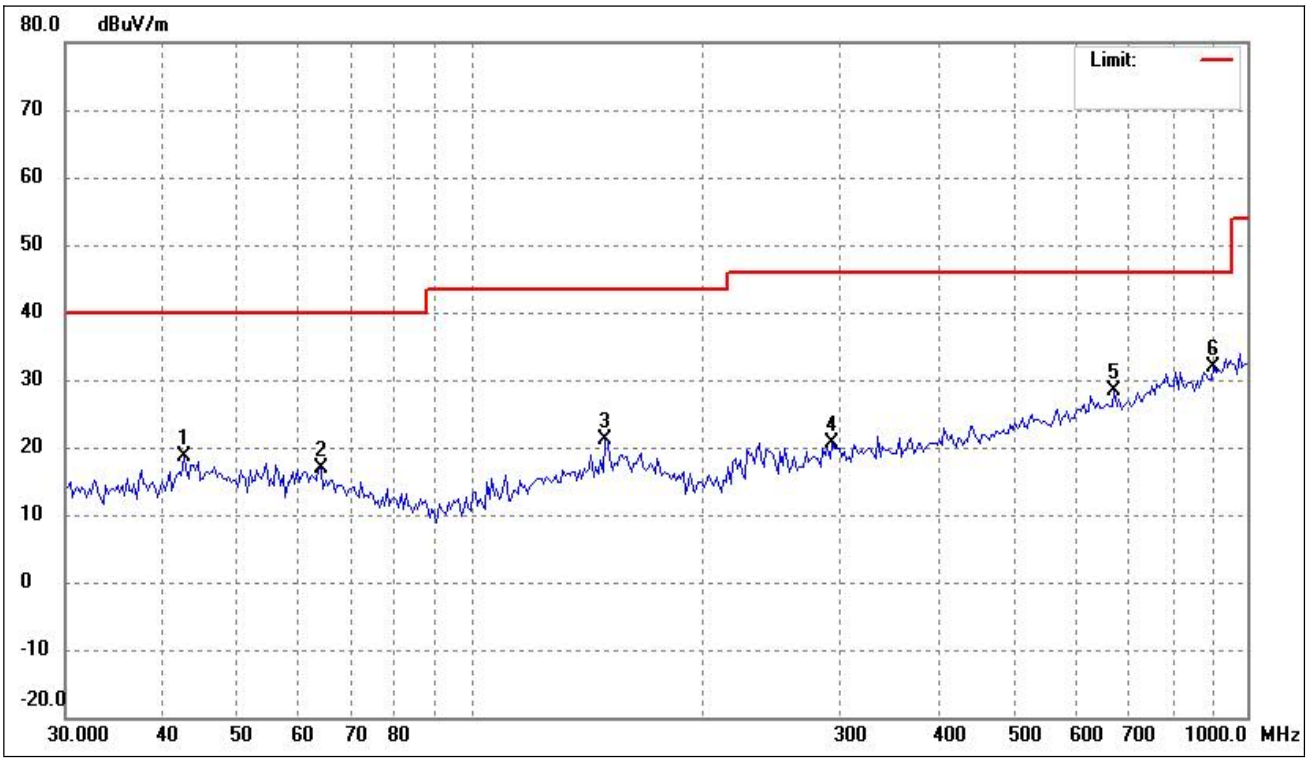
7.4 Summary of Test Results/Plots

Note: 1.This EUT was tested in 3 orthogonal positions and the worst case position data was reported.
All test modes (different data rate and different modulation) are performed, but only the worst case(802.11b_ 11Mbps) is recorded in this report.

➢ Spurious Emissions Below 1GHz

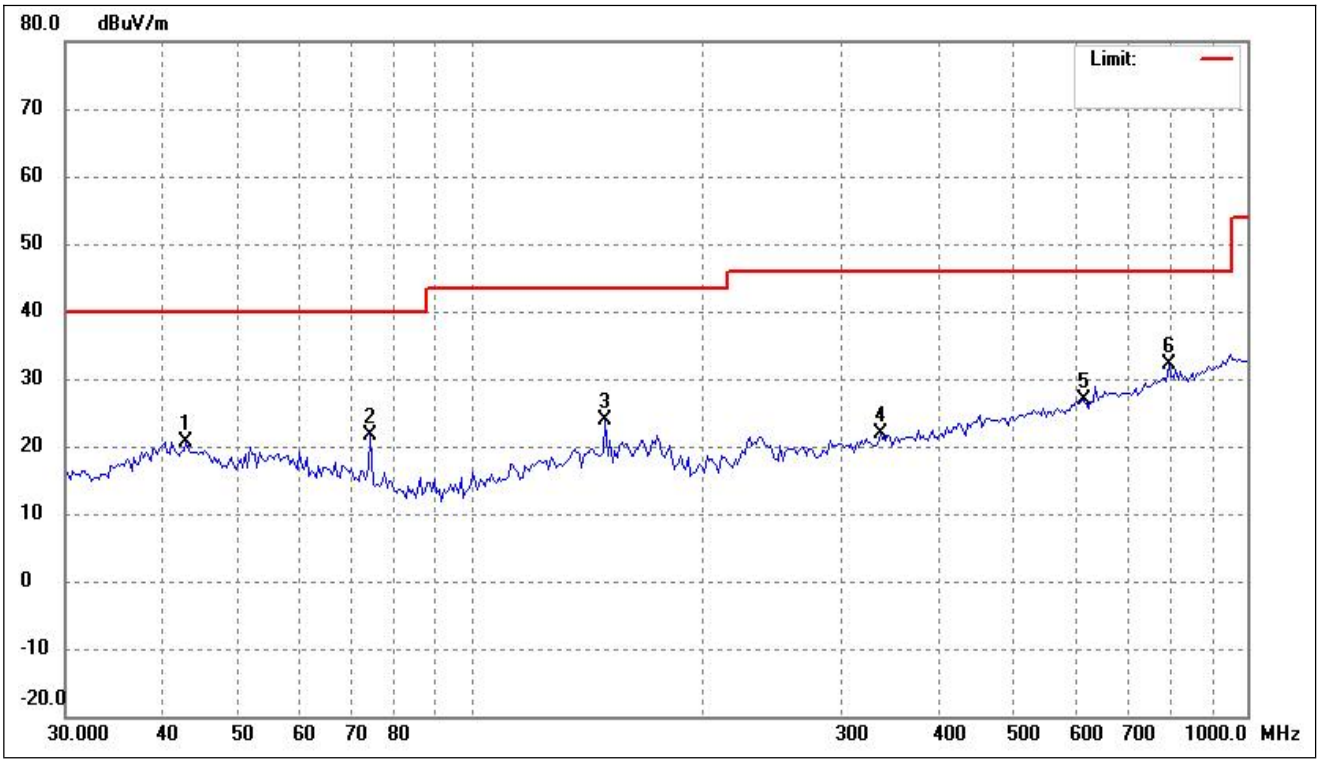
Antenna 1(worst case)

802.11b_11Mbps			
Test Channel	Low(worst case)	Polarity:	Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(·)	(cm)	
1	42.6299	27.88	-9.30	18.58	40.00	-21.42	-	-	peak
2	64.0800	27.05	-10.08	16.97	40.00	-23.03	-	-	peak
3	148.9175	29.97	-8.91	21.06	43.50	-22.44	-	-	peak
4	292.3643	28.62	-7.91	20.71	46.00	-25.29	-	-	peak
5	674.6768	29.56	-1.14	28.42	46.00	-17.58	-	-	peak
6	906.3041	29.75	2.08	31.83	46.00	-14.17	-	-	peak

802.11b_11Mbps			
Test Channel	Low(worst case)	Polarity:	Vertical



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(·)	(cm)	
1	42.9305	29.86	-9.27	20.59	40.00	-19.41	-	-	peak
2	74.2696	33.51	-11.92	21.59	40.00	-18.41	-	-	peak
3	148.9175	32.87	-8.91	23.96	43.50	-19.54	-	-	peak
4	336.4817	28.87	-7.10	21.77	46.00	-24.23	-	-	peak
5	615.7743	28.90	-2.11	26.79	46.00	-19.21	-	-	peak
6	793.0281	31.31	0.89	32.20	46.00	-13.80	-	-	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 Emissions Above 1GHz
- Antenna 1(worst case)
- Test Mode: 802.11b_11Mbps (worst case)

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel-2412MHz							
4824.000	62.35	-13.21	49.14	74	-24.86	H	PK
4824.000	59.81	-13.21	46.60	54	-7.40	H	AV
7236.000	55.91	-6.94	48.97	74	-25.03	H	PK
7236.000	47.03	-6.94	40.09	54	-13.91	H	AV
4824.000	62.15	-13.21	48.94	74	-25.06	V	PK
4824.000	60.05	-13.21	46.84	54	-7.16	V	AV
7236.000	54.83	-6.94	47.89	74	-26.11	V	PK
7236.000	46.50	-6.94	39.56	54	-14.44	V	AV
Middle Channel-2437MHz							
4874.000	62.92	-13.15	49.77	74	-24.23	H	PK
4874.000	60.02	-13.15	46.87	54	-7.13	H	AV
7311.000	55.63	-7.15	48.48	74	-25.52	H	PK
7311.000	47.08	-7.15	39.93	54	-14.07	H	AV
4874.000	62.42	-13.15	49.27	74	-24.73	V	PK
4874.000	59.56	-13.15	46.41	54	-7.59	V	AV
7311.000	54.83	-7.15	47.68	74	-26.32	V	PK
7311.000	46.56	-7.15	39.41	54	-14.59	V	AV
High Channel-2462MHz							
4924.000	63.06	-13.09	49.97	74	-24.03	H	PK
4924.000	59.54	-13.09	46.45	54	-7.55	H	AV
7386.000	55.18	-7.37	47.81	74	-26.19	H	PK
7386.000	46.64	-7.37	39.27	54	-14.73	H	AV
4924.000	63.13	-13.09	50.04	74	-23.96	V	PK
4924.000	59.94	-13.09	46.85	54	-7.15	V	AV
7386.000	55.30	-7.37	47.93	74	-26.07	V	PK
7386.000	46.19	-7.37	38.82	54	-15.18	V	AV

Note: Testing is carried out with frequency rang 9kHz to the tenth harmonics, 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.

Conducted Spurious Emission Please refer to Appendix F

8. Out of Band Emissions

8.1 Standard Applicable

According to §15.247(d), in any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30dB instead of 20dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a).

8.2 Test Procedure

According to the KDB 558074D01 v05r02 Subclause 8.4 and ANSI C63.10-2020 Subclause 11.11, the Emissions in nonrestricted frequency bands test method as follows:

a) Set the center frequency and span to encompass frequency range to be measured.
b) Set the RBW = 100kHz.
c) Set the VBW ≥ [3 × RBW].
d) Detector = peak.
e) Sweep time = auto couple.
f) Trace mode = max hold.
g) Allow trace to fully stabilize.
h) Use the peak marker function to determine the maximum amplitude level.

According to the KDB 558074 D01 v05r02 Subclause 8.5 and ANSI C63.10-2020 Subclause 11.12, the Emissions in restricted frequency bands test method as follows:

A. Radiated emission measurements:
Set span = wide enough to capture the peak level of the emission operating on the channel closest to the bandedge, as well as any modulation products which fall outside of the authorized band of operation (2310MHz to 2420MHz for low bandedge, 2460MHz to 2500MHz for the high bandedge)
RBW = 1MHz, VBW = 1MHz for peak value measured
RBW = 1MHz, VBW = 10Hz for average value measured
Sweep = auto; Detector function = peak/average; Trace = max hold
All the trace to stabilize, set the marker on the emission at the bandedge, or on the highest modulation product outside of the band, if this level is greater than that at the bandedge. Enable the marker-delta function, then use the marker-to-peak function to move the marker to the peak of the in-band emission. Those emission

must comply with the 15.209 limit for fall in the restricted bands listed in section 15.205. Note that the method of measurement KDB publication number: 913591 may be used for the radiated bandedge measurements.

B. Antenna-port conducted measurements

Peak emission levels are measured by setting the instrument as follows:

a) RBW = as specified in Table 9.

b) VBW ≥ [3 × RBW].

c) Detector = peak.

d) Sweep time = auto.

e) Trace mode = max hold.

f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be lengthened for low-duty-cycle applications.)

Table 9—RBW as a function of frequency

Frequency	RBW
9 kHz to 150 kHz	200 Hz to 300 Hz
0.15 MHz to 30 MHz	9 kHz to 10 kHz
30 MHz to 1000 MHz	100 kHz to 120 kHz
>1000 MHz	1 MHz

If the peak-detected amplitude can be shown to comply with the average limit, then it is not necessary to perform a separate average measurement.

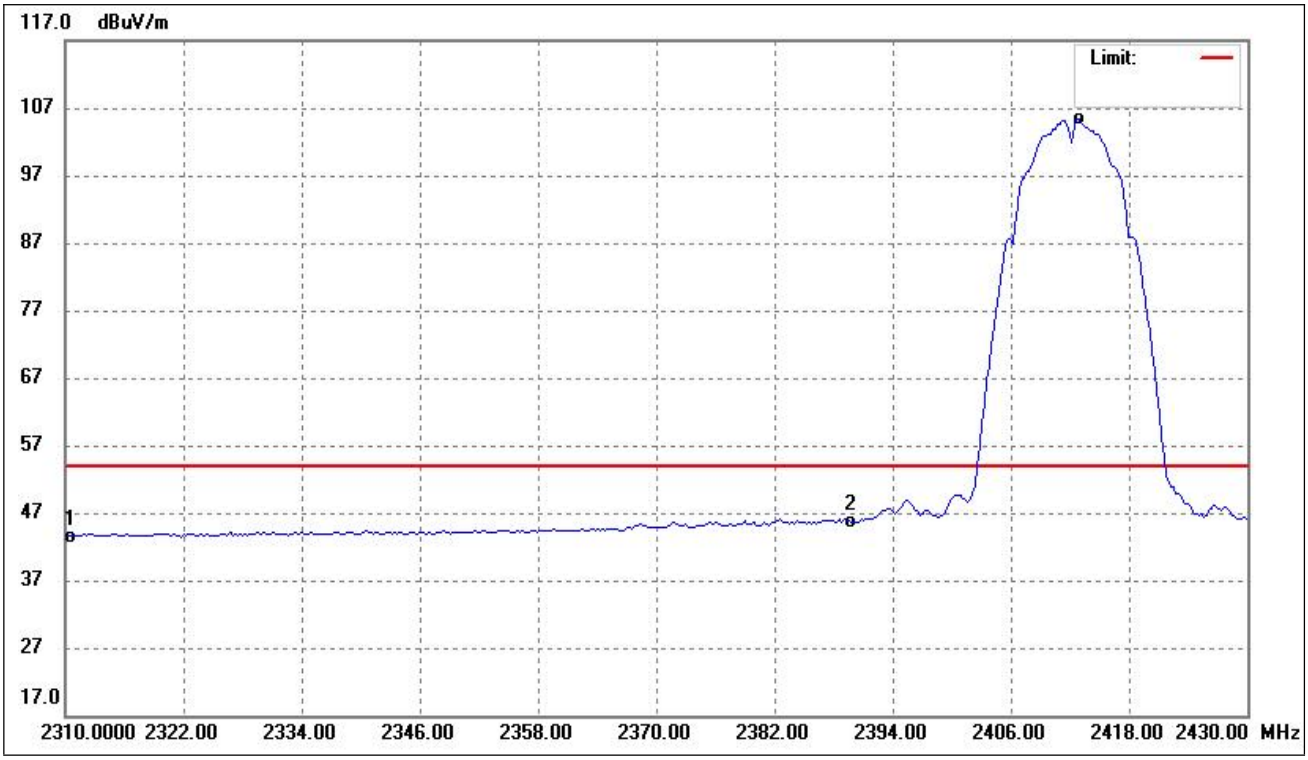
Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) are attenuated by at least the minimum requirements specified in section 8.1. Report the three highest emissions relative to the limit.

8.3 Summary of Test Results/Plots

➢ Radiated test

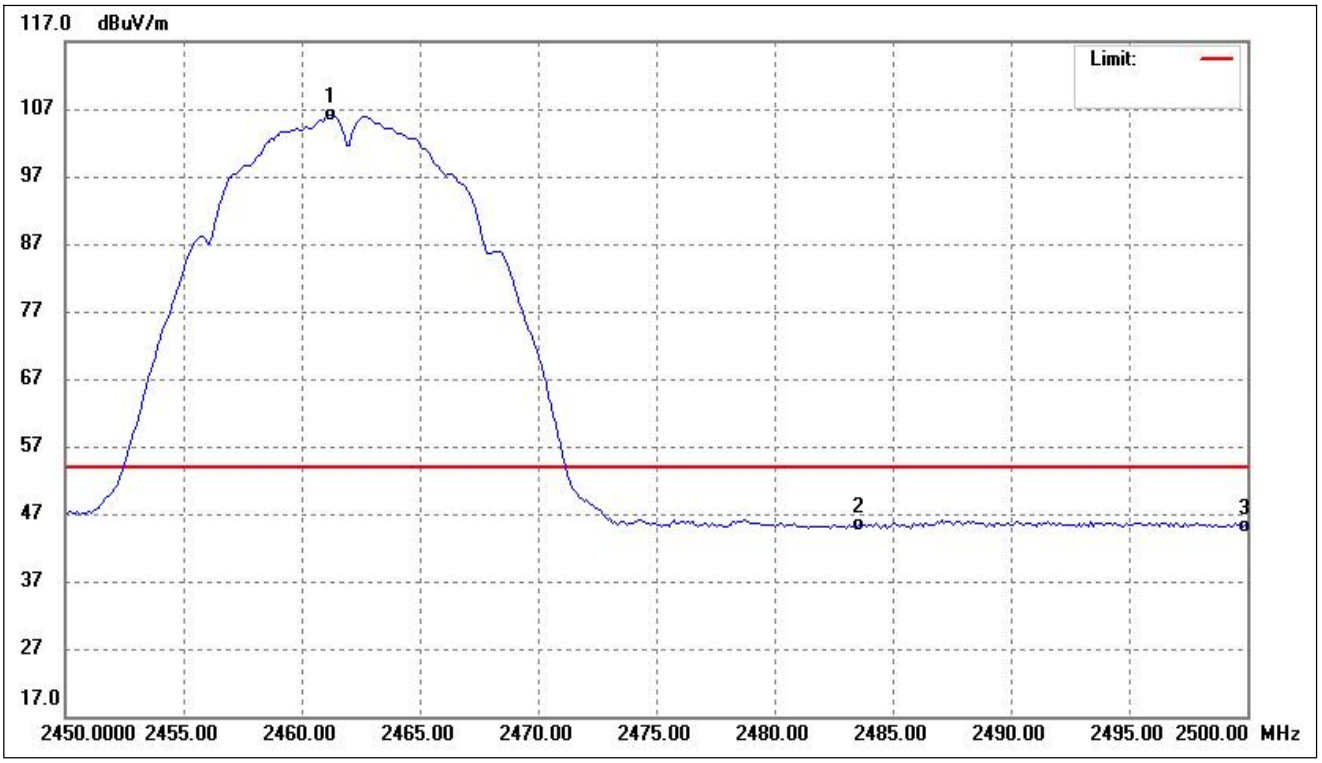
Antenna 1(worst case)

802.11b_11Mbps			
Test Channel	Low	Polarity:	Vertical(worst case)



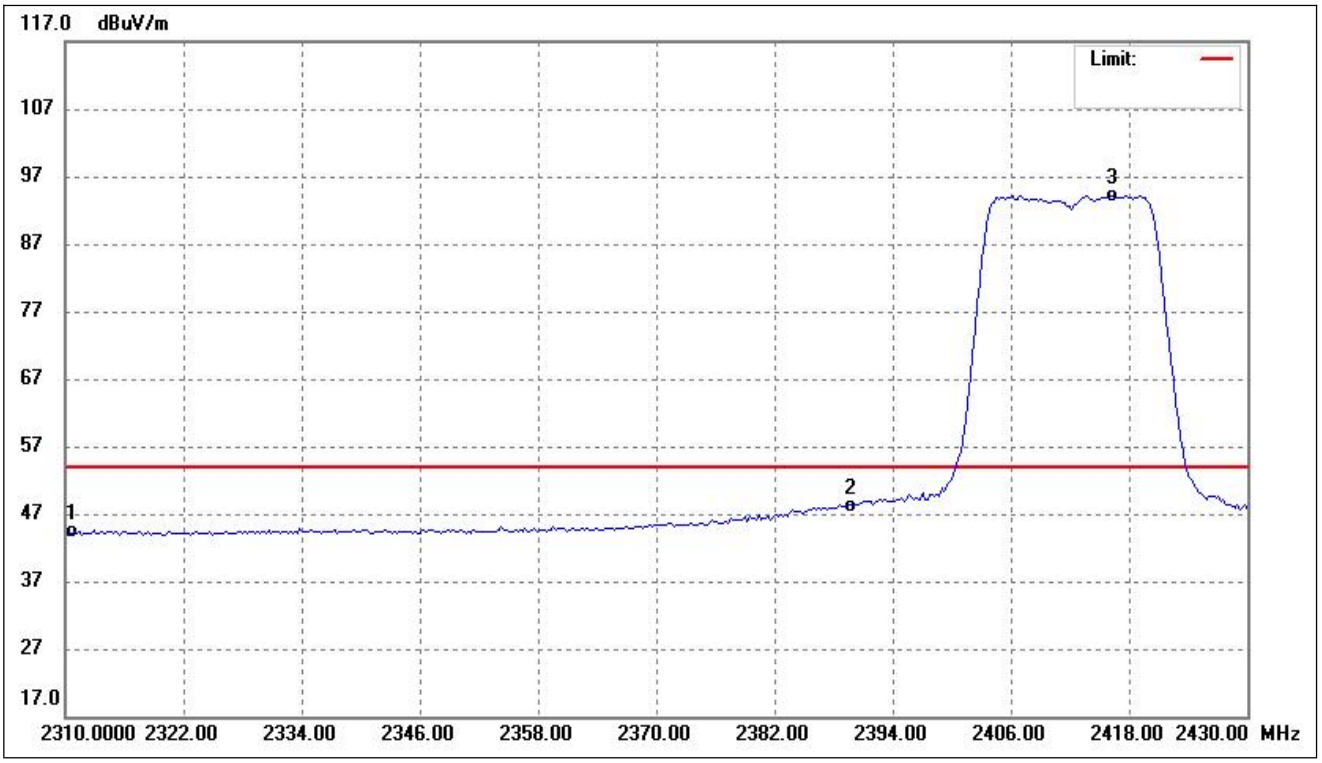
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2310.000	42.98	0.50	43.48	54.00	-10.52	Average Detector
	2310.000	56.09	0.50	56.59	74.00	-17.41	Peak Detector
2	2390.000	44.91	0.69	45.60	54.00	-8.40	Average Detector
	2390.000	57.40	0.69	58.09	74.00	-15.91	Peak Detector
3	2412.926	104.59	0.75	105.34	/	/	Average Detector
	2413.166	108.92	0.75	109.67	/	/	Peak Detector

802.11b_11Mbps			
Test Channel	High	Polarity:	Vertical(worst case)



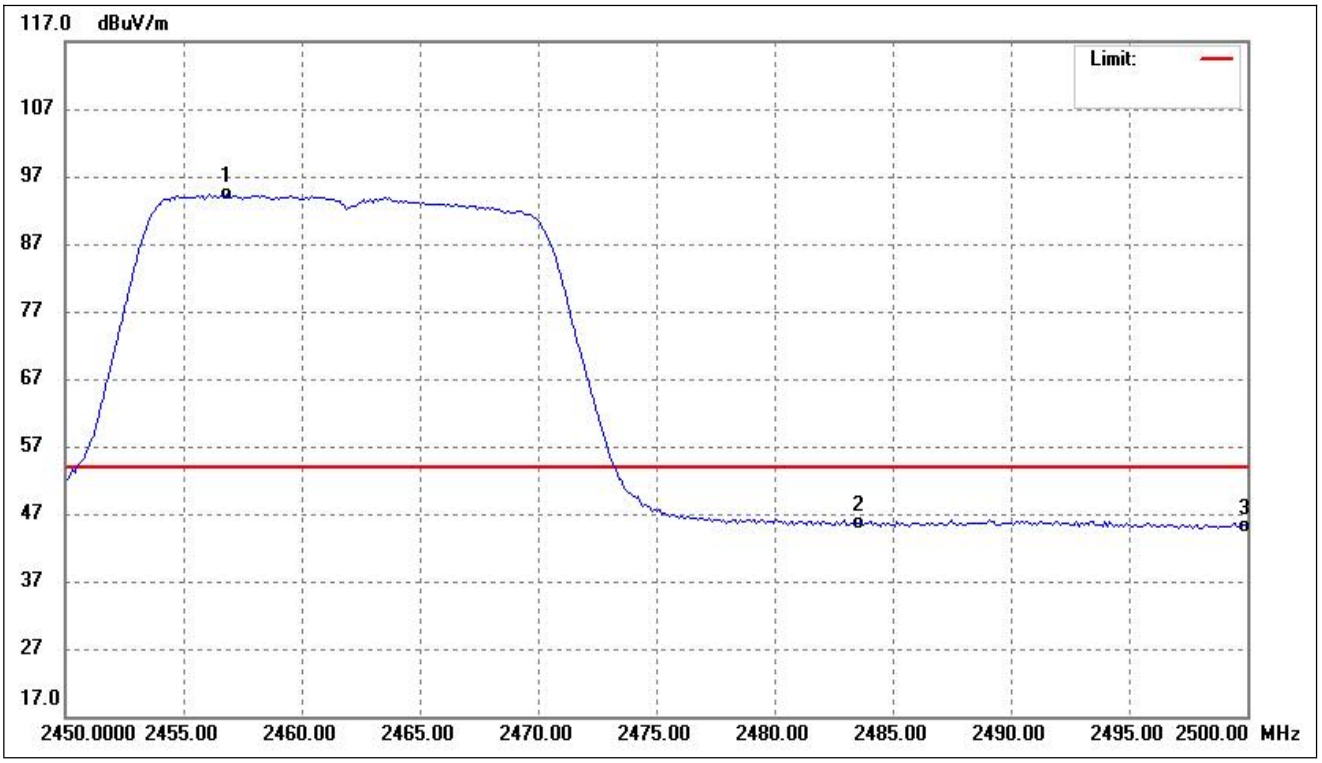
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2461.222	105.19	0.85	106.04	/	/	Average Detector
	2460.721	109.14	0.85	109.99	/	/	Peak Detector
2	2483.500	44.36	0.91	45.27	54.00	-8.73	Average Detector
	2483.500	56.57	0.91	57.48	74.00	-16.52	Peak Detector
3	2500.000	44.29	0.95	45.24	54.00	-8.76	Average Detector
	2500.000	57.31	0.95	58.26	74.00	-15.74	Peak Detector

802.11g_54Mbps			
Test Channel	Low	Polarity:	Vertical(worst case)



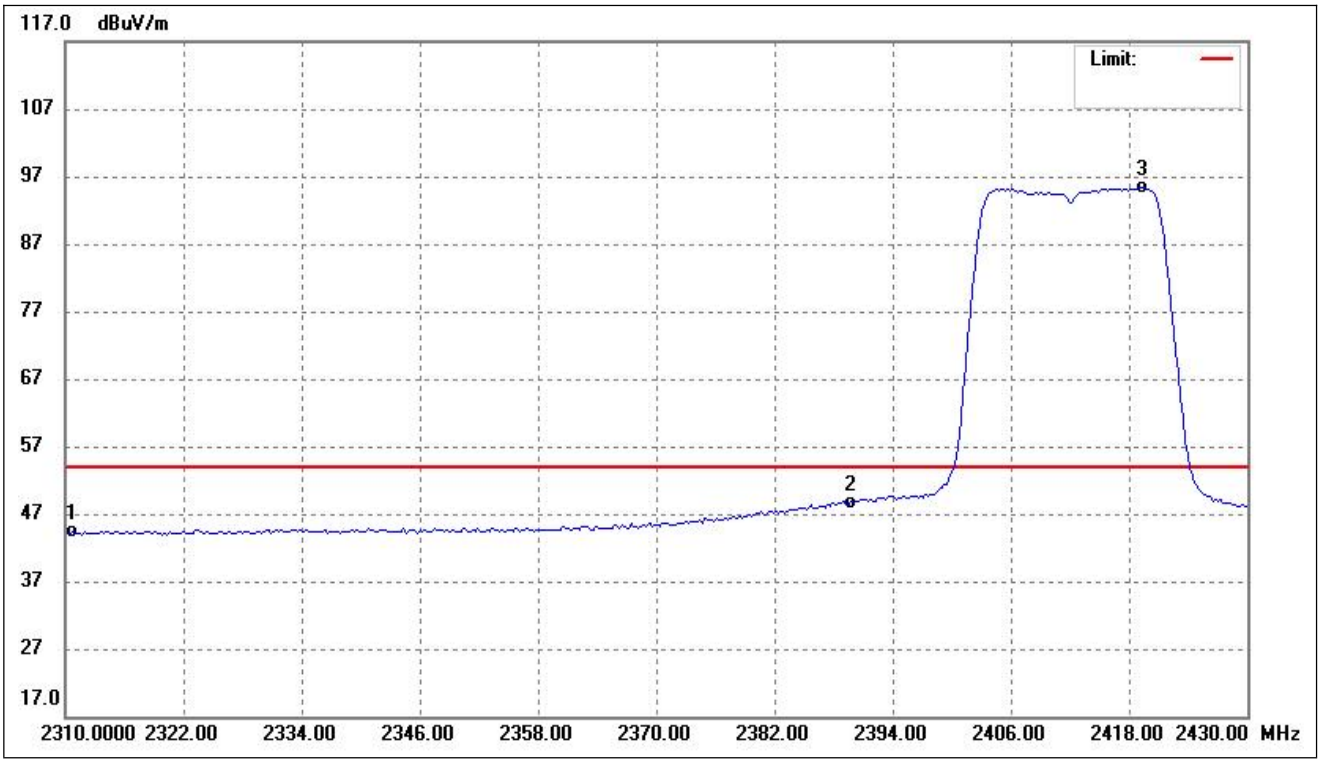
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2310.000	43.89	0.50	44.39	54.00	-9.61	Average Detector
	2310.000	56.38	0.50	56.88	74.00	-17.12	Peak Detector
2	2390.000	47.37	0.69	48.06	54.00	-5.94	Average Detector
	2390.000	67.71	0.69	68.40	74.00	-5.60	Peak Detector
3	2416.293	93.35	0.76	94.11	/	/	Average Detector
	2404.990	108.47	0.72	109.19	/	/	Peak Detector

802.11g_54Mbps			
Test Channel	High	Polarity:	Vertical(worst case)



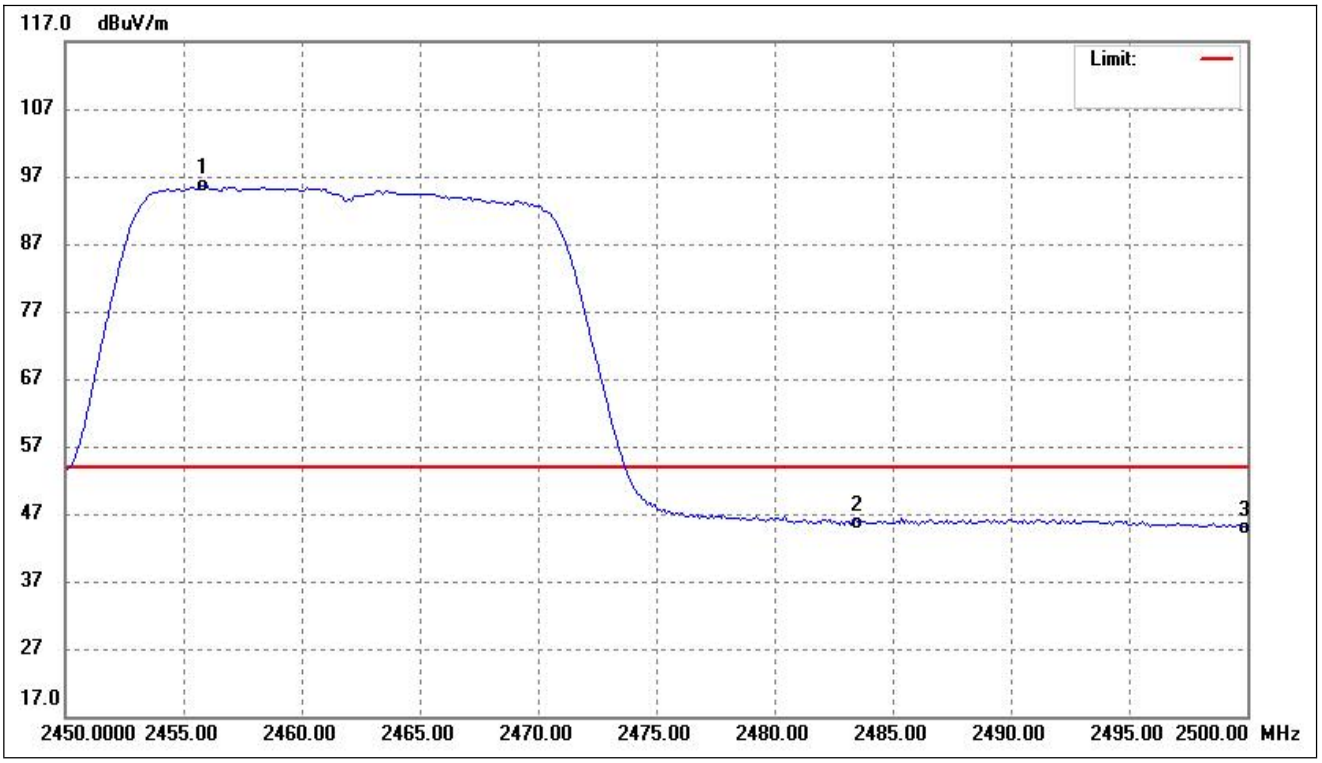
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2456.814	93.58	0.84	94.42	/	/	Average Detector
	2458.116	108.52	0.85	109.37	/	/	Peak Detector
2	2483.500	44.73	0.91	45.64	54.00	-8.36	Average Detector
	2483.500	60.24	0.91	61.15	74.00	-12.85	Peak Detector
3	2500.000	44.30	0.95	45.25	54.00	-8.75	Average Detector
	2500.000	56.31	0.95	57.26	74.00	-16.74	Peak Detector

802.11n-HT20_MCS7			
Test Channel	Low	Polarity:	Vertical(worst case)



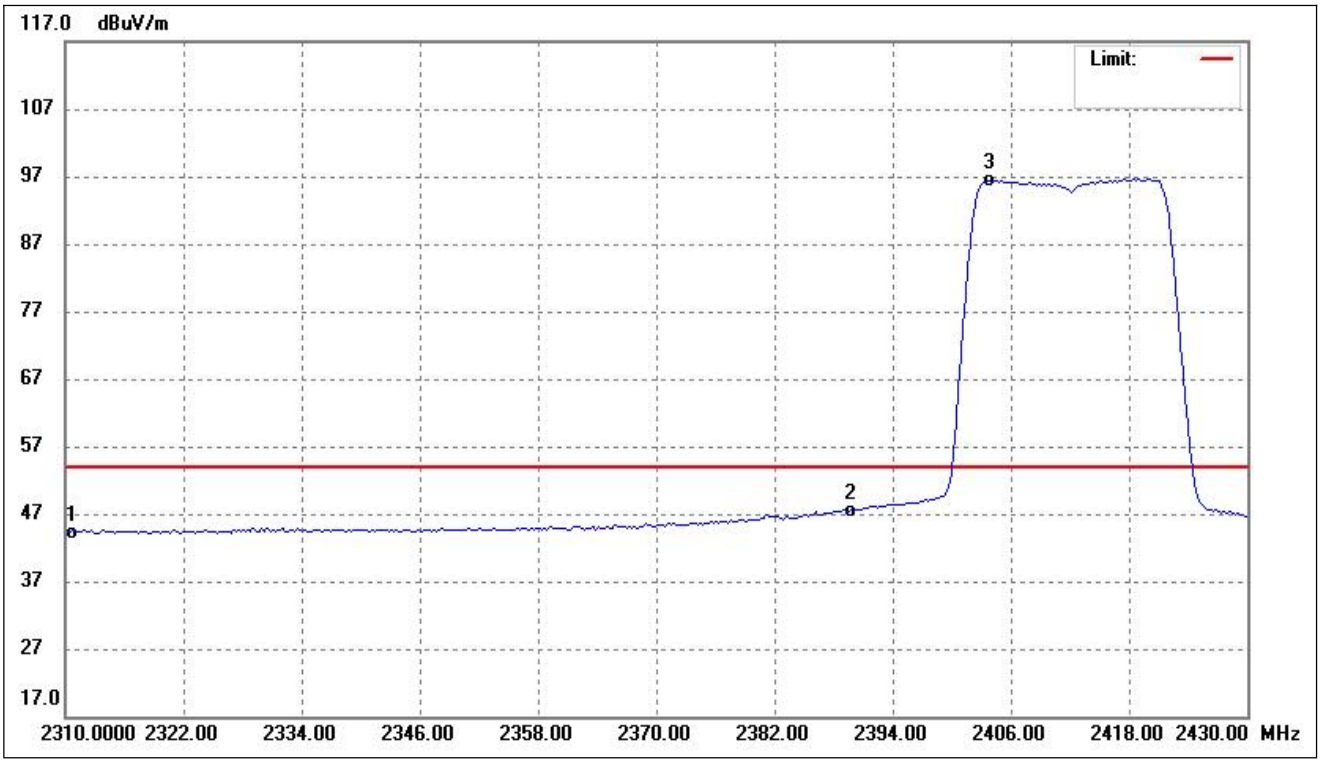
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2310.000	43.76	0.50	44.26	54.00	-9.74	Average Detector
	2310.000	55.10	0.50	55.60	74.00	-18.40	Peak Detector
2	2390.000	47.93	0.69	48.62	54.00	-5.38	Average Detector
	2390.000	68.05	0.69	68.74	74.00	-5.26	Peak Detector
3	2419.419	94.69	0.76	95.45	/	/	Average Detector
	2414.609	108.21	0.75	108.96	/	/	Peak Detector

802.11n-HT20_MCS7			
Test Channel	High	Polarity:	Vertical(worst case)



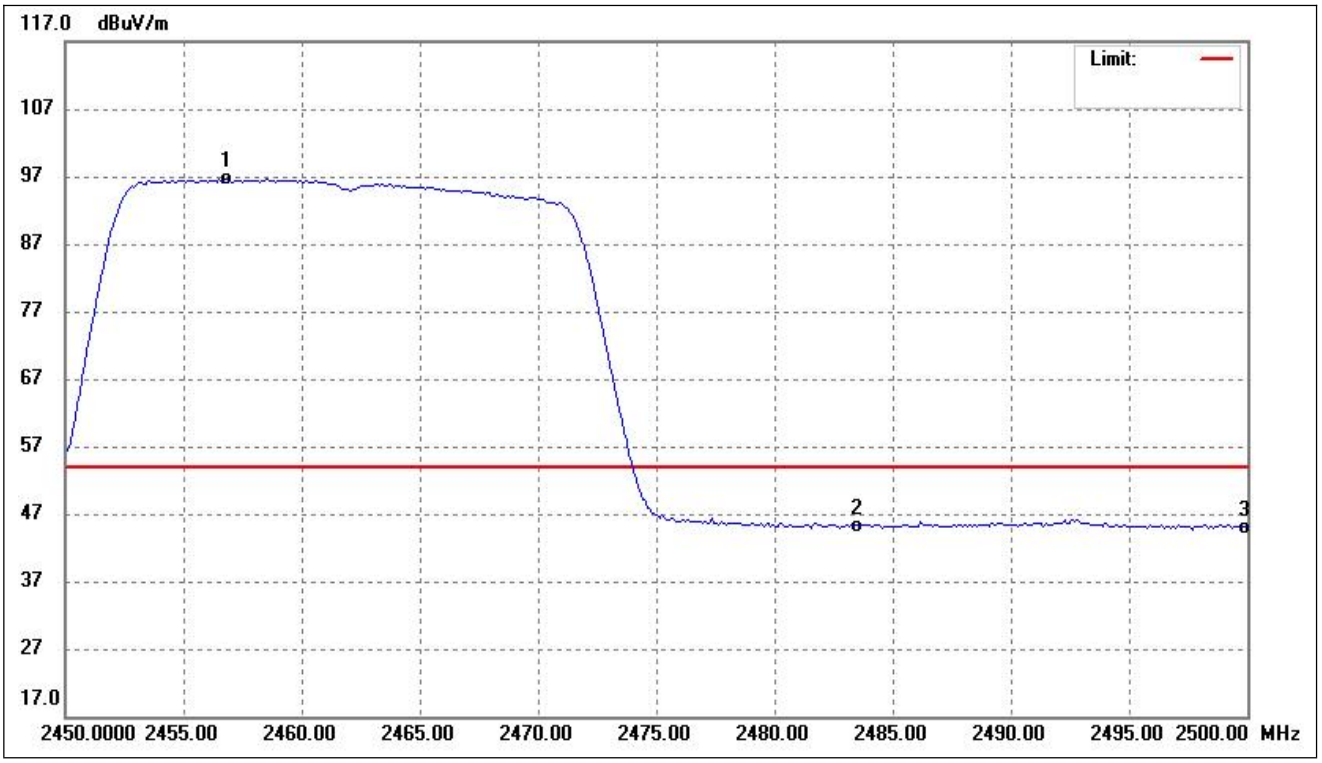
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2455.812	94.68	0.84	95.52	/	/	Average Detector
	2458.016	108.83	0.85	109.68	/	/	Peak Detector
2	2483.500	44.63	0.91	45.54	54.00	-8.46	Average Detector
	2483.500	64.41	0.91	65.32	74.00	-8.68	Peak Detector
3	2500.000	43.98	0.95	44.93	54.00	-9.07	Average Detector
	2500.000	57.28	0.95	58.23	74.00	-15.77	Peak Detector

802.11ax-HE20_MCS7			
Test Channel	Low	Polarity:	Vertical(worst case)



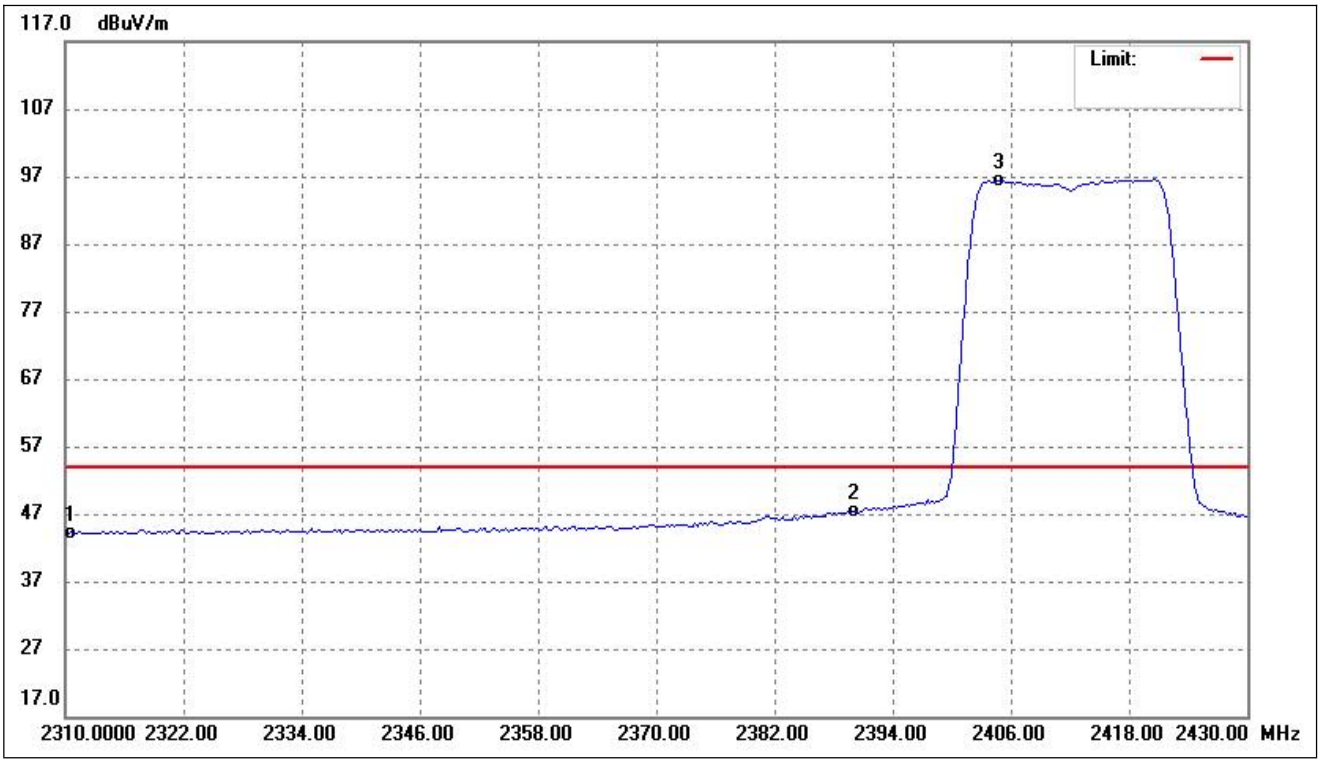
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2310.000	43.73	0.50	44.23	54.00	-9.77	Average Detector
	2310.000	56.19	0.50	56.69	74.00	-17.31	Peak Detector
2	2390.000	46.79	0.69	47.48	54.00	-6.52	Average Detector
	2390.000	66.87	0.69	67.56	74.00	-6.44	Peak Detector
3	2403.788	95.70	0.72	96.42	/	/	Average Detector
	2404.990	109.95	0.72	110.67	/	/	Peak Detector

802.11ax-HE20_MCS7			
Test Channel	High	Polarity:	Vertical(worst case)



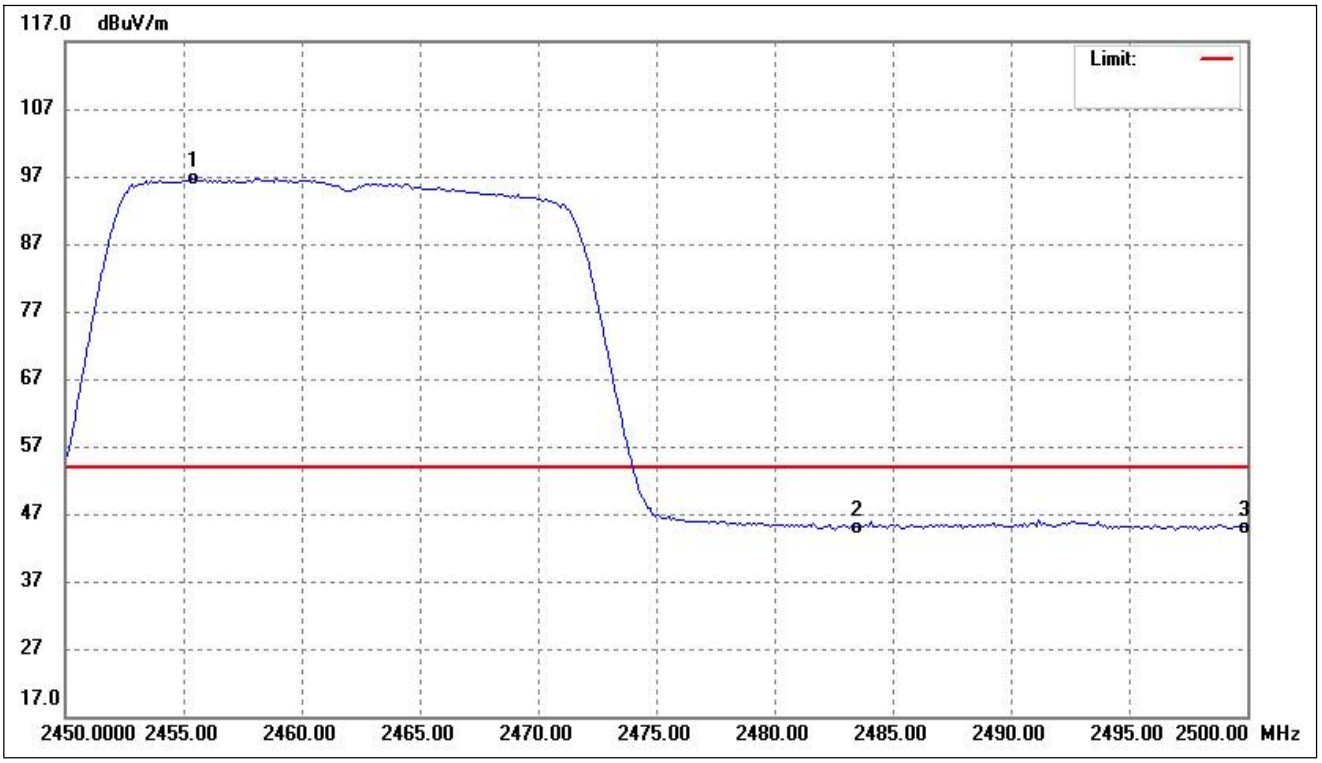
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2456.814	95.72	0.84	96.56	/	/	Average Detector
	2457.715	110.11	0.85	110.96	/	/	Peak Detector
2	2483.500	44.24	0.91	45.15	54.00	-8.85	Average Detector
	2483.500	63.77	0.91	64.68	74.00	-9.32	Peak Detector
3	2500.000	44.02	0.95	44.97	54.00	-9.03	Average Detector
	2500.000	57.69	0.95	58.64	74.00	-15.36	Peak Detector

802.11be-EHT20_MCS7			
Test Channel	Low	Polarity:	Vertical(worst case)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2310.000	43.72	0.50	44.22	54.00	-9.78	Average Detector
	2310.000	55.72	0.50	56.22	74.00	-17.78	Peak Detector
2	2390.000	46.75	0.69	47.44	54.00	-6.56	Average Detector
	2390.000	68.69	0.69	69.38	74.00	-4.62	Peak Detector
3	2404.749	95.68	0.72	96.40	/	/	Average Detector
	2403.307	109.65	0.72	110.37	/	/	Peak Detector

802.11be-EHT20_MCS7			
Test Channel	High	Polarity:	Vertical(worst case)

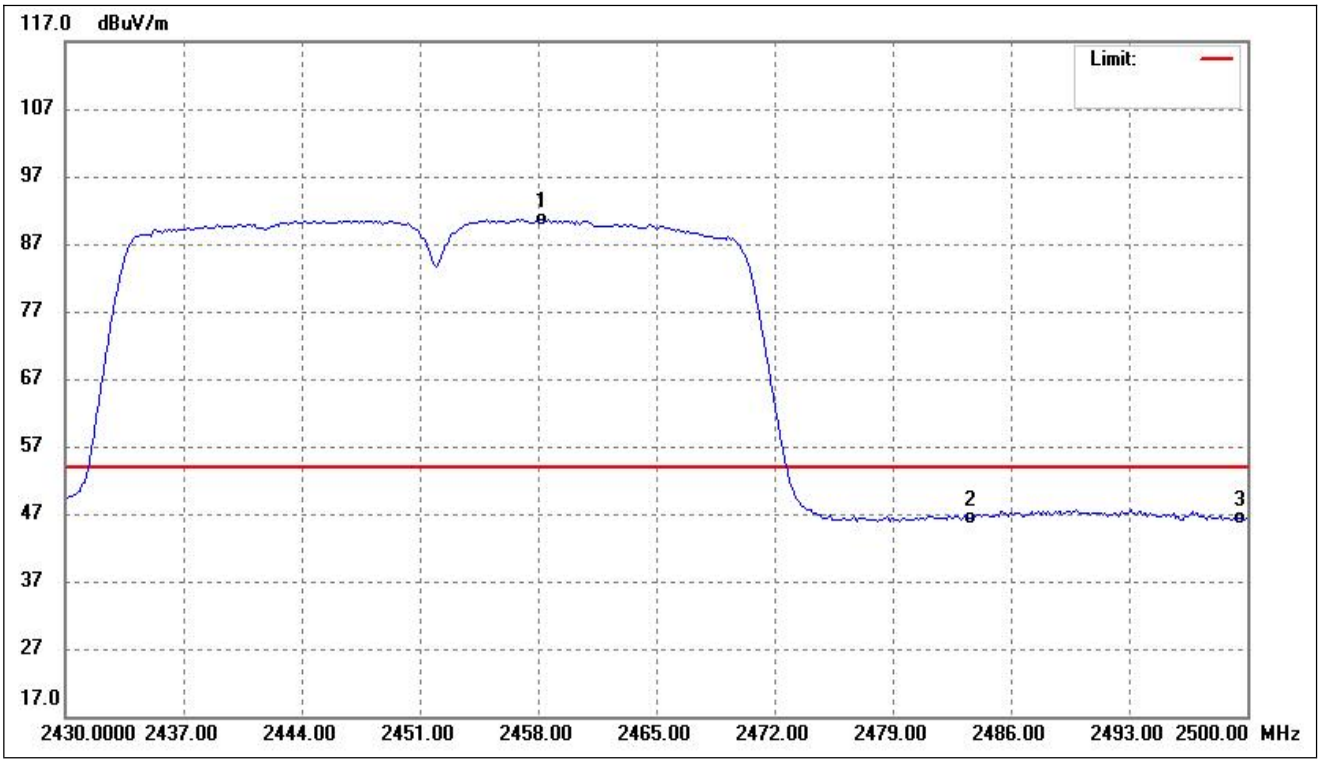


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2455.411	95.89	0.84	96.73	/	/	Average Detector
	2453.607	110.05	0.84	110.89	/	/	Peak Detector
2	2483.500	44.06	0.91	44.97	54.00	-9.03	Average Detector
	2483.500	65.36	0.91	66.27	74.00	-7.73	Peak Detector
3	2500.000	44.05	0.95	45.00	54.00	-9.00	Average Detector
	2500.000	56.16	0.95	57.11	74.00	-16.89	Peak Detector

802.11n-HT40_MCS7			
Test Channel	Low	Polarity:	Vertical(worst case)

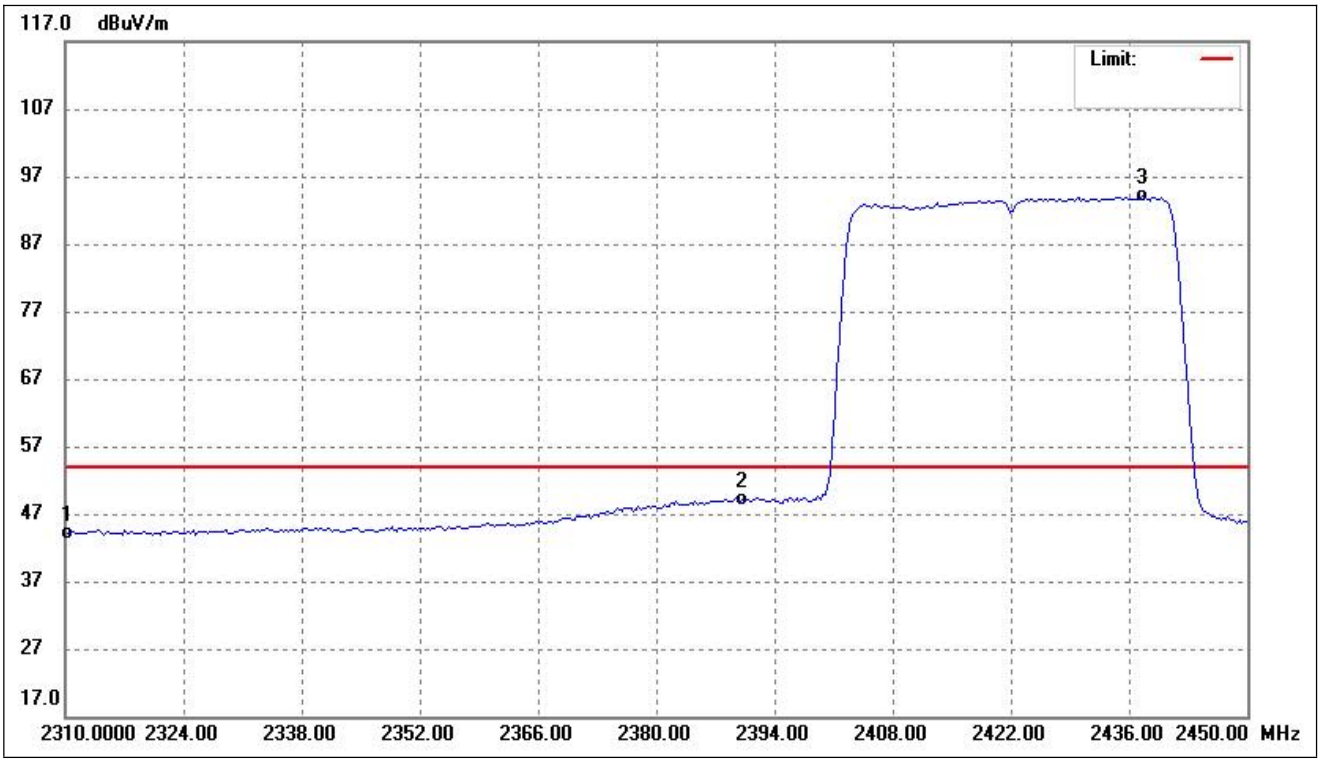
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2310.000	43.92	0.50	44.42	54.00	-9.58	Average Detector
	2310.000	55.86	0.50	56.36	74.00	-17.64	Peak Detector
2	2390.000	49.07	0.69	49.76	54.00	-4.24	Average Detector
	2390.000	68.66	0.69	69.35	74.00	-4.65	Peak Detector
3	2426.713	90.45	0.78	91.23	/	/	Average Detector
	2426.713	106.08	0.78	106.86	/	/	Peak Detector

802.11n-HT40_MCS7			
Test Channel	High	Polarity:	Vertical(worst case)



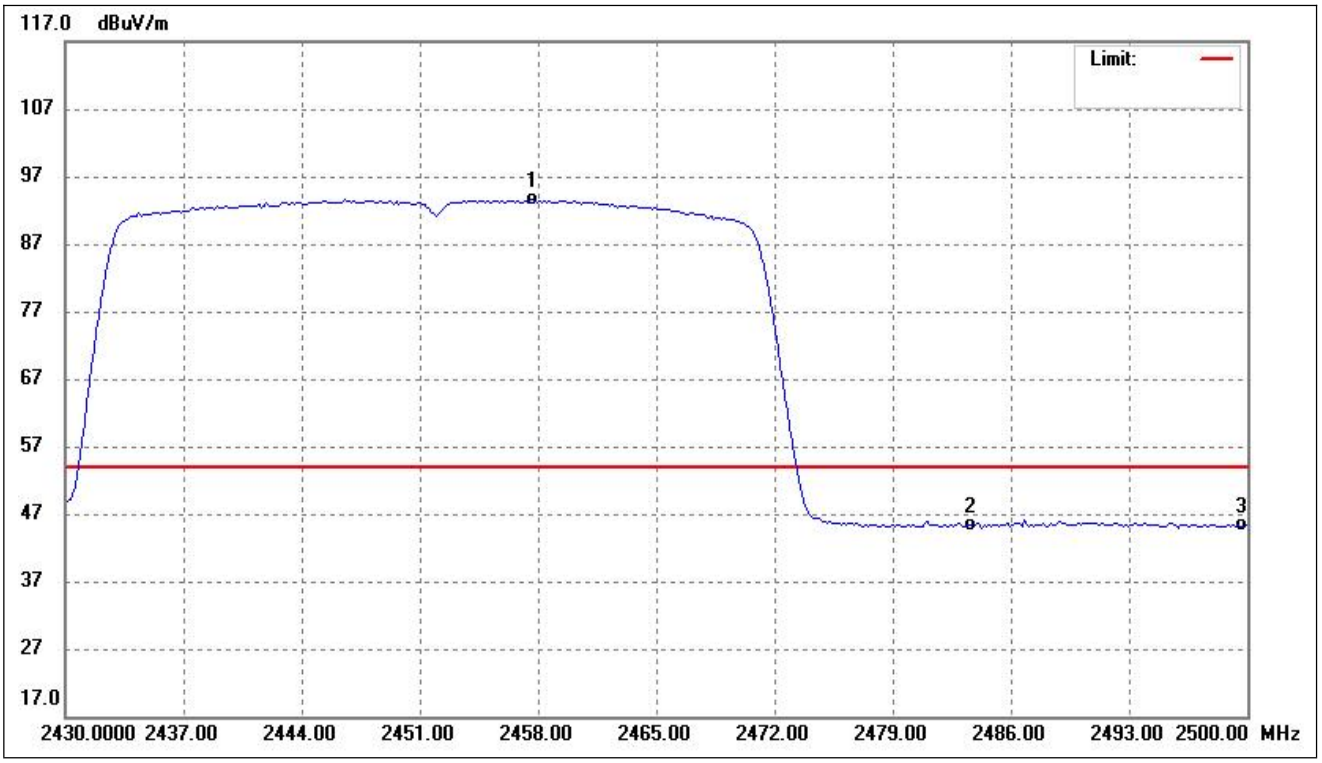
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2458.196	89.89	0.85	90.74	/	/	Average Detector
	2445.431	105.59	0.82	106.41	/	/	Peak Detector
2	2483.500	45.49	0.91	46.40	54.00	-7.60	Average Detector
	2483.500	60.00	0.91	60.91	74.00	-13.09	Peak Detector
3	2500.000	45.34	0.95	46.29	54.00	-7.71	Average Detector
	2500.000	61.43	0.95	62.38	74.00	-11.62	Peak Detector

802.11ax-HE40_MCS7			
Test Channel	Low	Polarity:	Vertical(worst case)



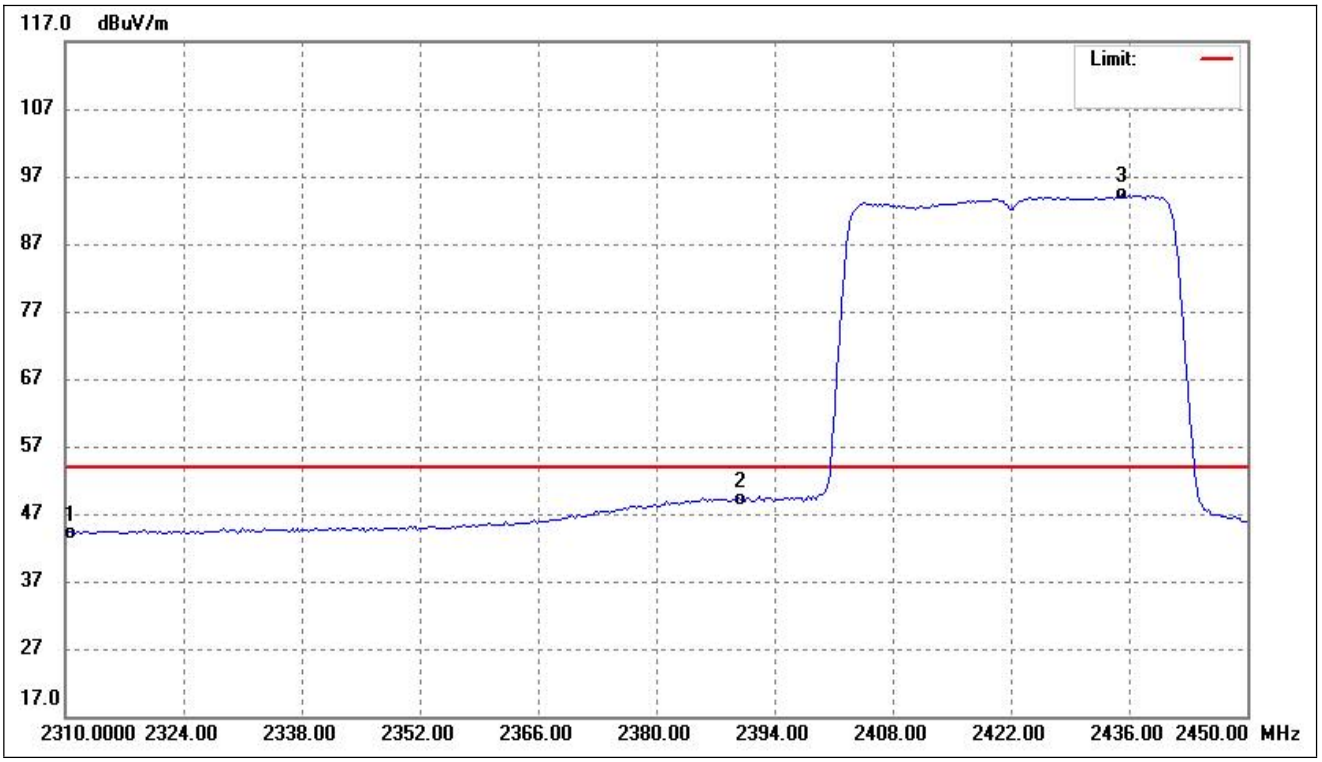
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2310.000	43.61	0.50	44.11	54.00	-9.89	Average Detector
	2310.000	55.16	0.50	55.66	74.00	-18.34	Peak Detector
2	2390.000	48.38	0.69	49.07	54.00	-4.93	Average Detector
	2390.000	62.05	0.69	62.74	74.00	-11.26	Peak Detector
3	2437.655	93.25	0.80	94.05	/	/	Average Detector
	2434.850	106.98	0.80	107.78	/	/	Peak Detector

802.11ax-HE40_MCS7			
Test Channel	High	Polarity:	Vertical(worst case)



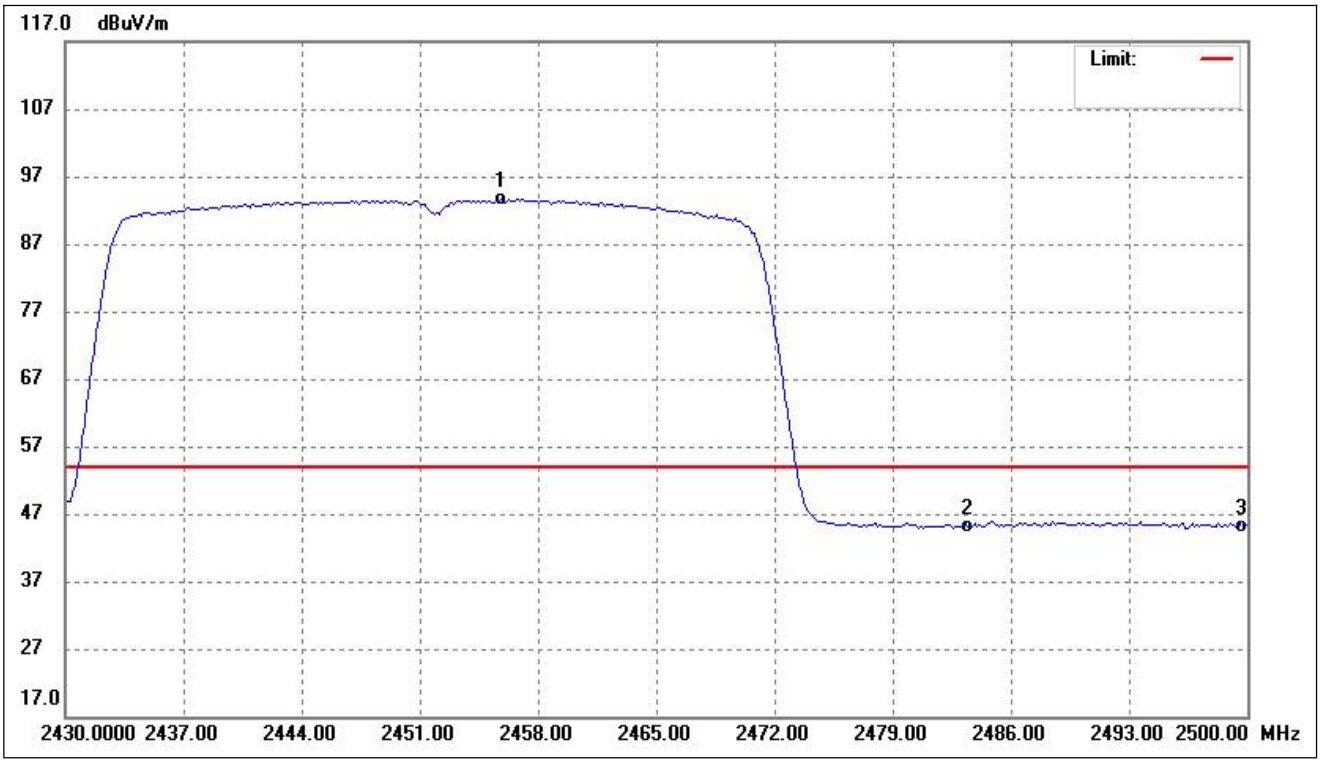
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2457.635	92.69	0.85	93.54	/	/	Average Detector
	2448.798	106.66	0.83	107.49	/	/	Peak Detector
2	2483.500	44.45	0.91	45.36	54.00	-8.64	Average Detector
	2483.500	57.16	0.91	58.07	74.00	-15.93	Peak Detector
3	2500.000	44.34	0.95	45.29	54.00	-8.71	Average Detector
	2500.000	57.94	0.95	58.89	74.00	-15.11	Peak Detector

802.11be-EHT40_MCS7			
Test Channel	Low	Polarity:	Vertical(worst case)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2310.000	43.65	0.50	44.15	54.00	-9.85	Average Detector
	2310.000	56.23	0.50	56.73	74.00	-17.27	Peak Detector
2	2390.000	48.36	0.69	49.05	54.00	-4.95	Average Detector
	2390.000	65.92	0.69	66.61	74.00	-7.39	Peak Detector
3	2435.130	93.48	0.80	94.28	/	/	Average Detector
	2430.922	106.86	0.79	107.65	/	/	Peak Detector

802.11be-EHT40_MCS7			
Test Channel	High	Polarity:	Vertical(worst case)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2455.812	92.80	0.84	93.64	/	/	Average Detector
	2456.232	106.35	0.84	107.19	/	/	Peak Detector
2	2483.500	44.17	0.91	45.08	54.00	-8.92	Average Detector
	2483.500	57.05	0.91	57.96	74.00	-16.04	Peak Detector
3	2500.000	44.24	0.95	45.19	54.00	-8.81	Average Detector
	2500.000	57.97	0.95	58.92	74.00	-15.08	Peak Detector

- Conducted test

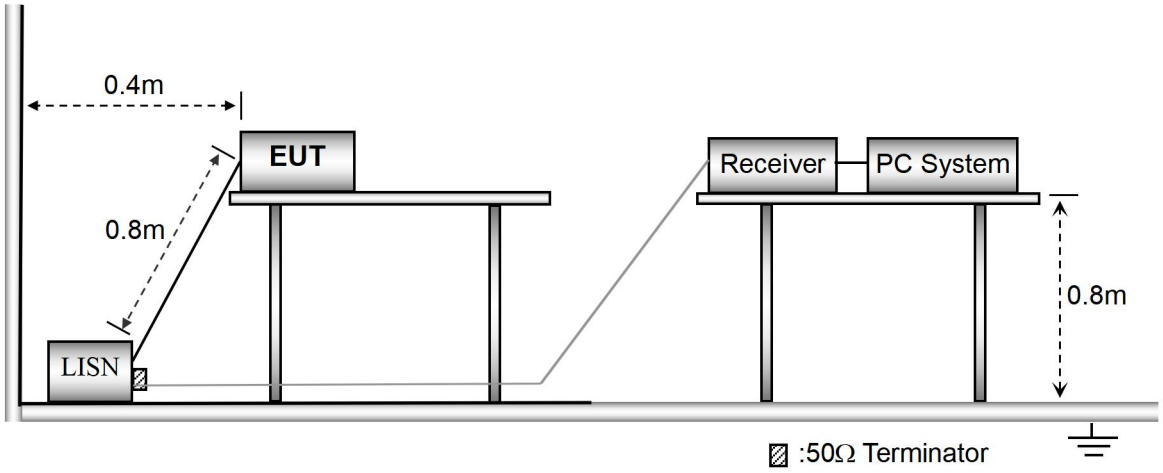
Please refer to Appendix D&E

9. Conducted Emissions

9.1 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.

9.2 Basic Test Setup Block Diagram



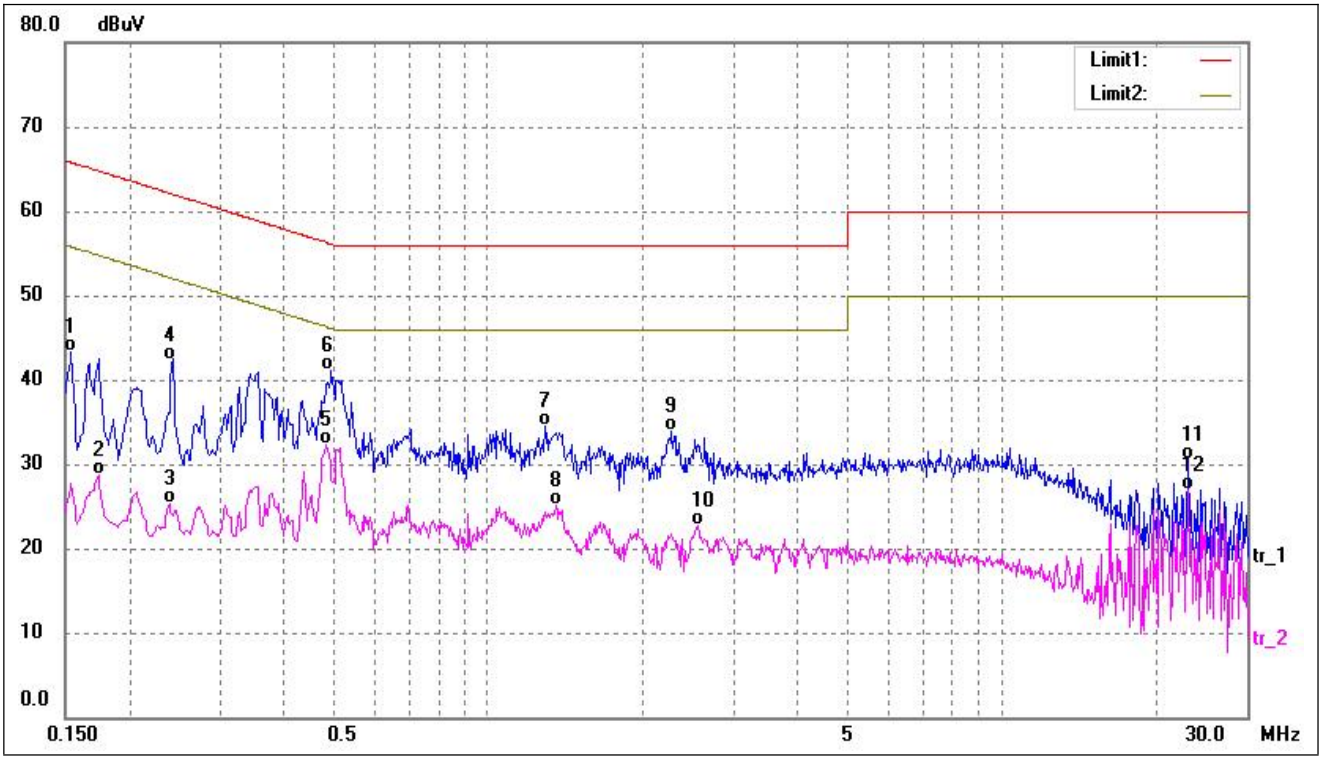
9.3 Test Receiver Setup

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

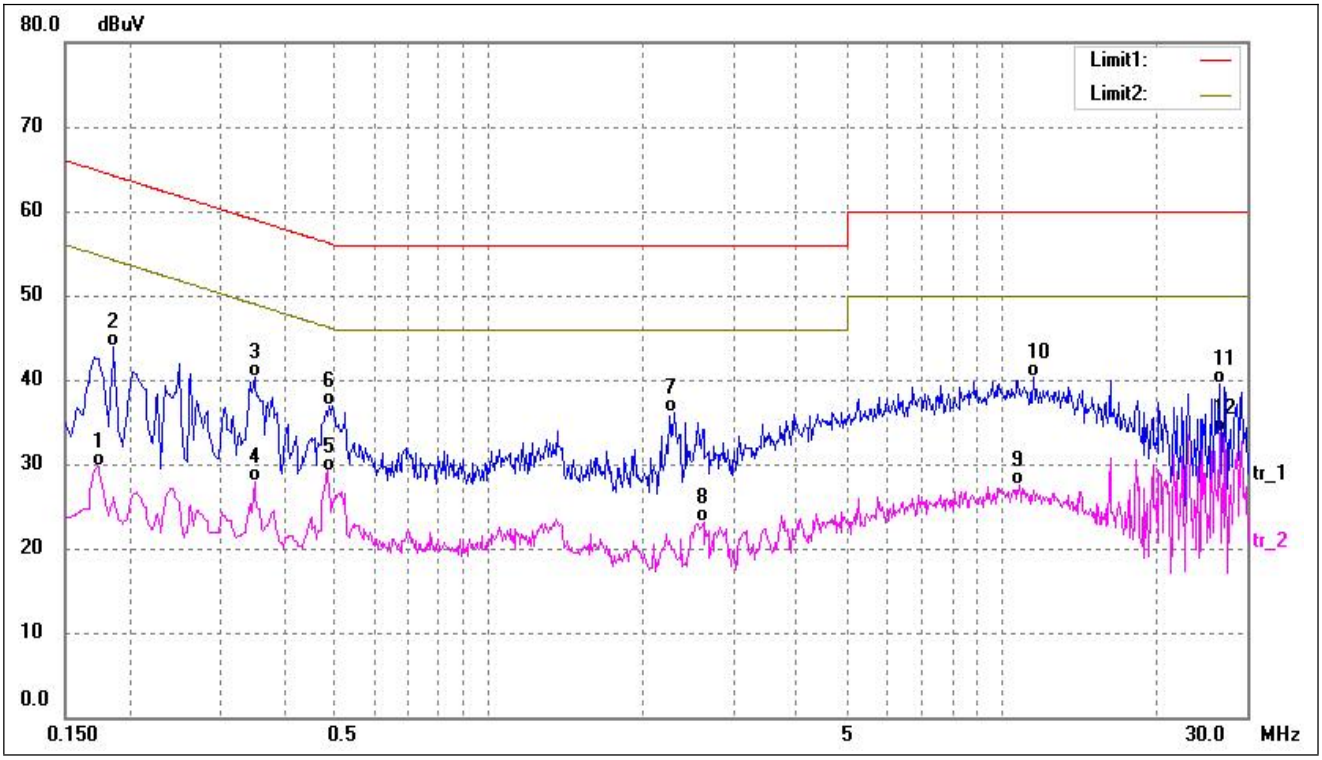
9.4 Summary of Test Results/Plots

Test Mode	Communication	AC120V 60Hz	Polarity:	Neutral



No.	Frequency	Reading	Correct	Result	Limit	Margin	Detector
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1539	33.78	9.45	43.23	65.78	-22.55	QP
2	0.1740	19.20	9.53	28.73	54.76	-26.03	AVG
3	0.2380	15.67	9.63	25.30	52.16	-26.86	AVG
4	0.2420	32.77	9.63	42.40	62.02	-19.62	QP
5*	0.4820	22.67	9.65	32.32	46.30	-13.98	AVG
6	0.4940	31.52	9.65	41.17	56.10	-14.93	QP
7	1.2940	24.83	9.64	34.47	56.00	-21.53	QP
8	1.3540	15.56	9.62	25.18	46.00	-20.82	AVG
9	2.2740	24.49	9.37	33.86	56.00	-22.14	QP
10	2.5579	13.32	9.38	22.70	46.00	-23.30	AVG
11	23.1299	21.04	9.54	30.58	60.00	-29.42	QP
12	23.1299	17.46	9.54	27.00	50.00	-23.00	AVG

Test Mode	Communication	AC120V 60Hz	Polarity:	Line



No.	Frequency	Reading	Correct	Result	Limit	Margin	Detector
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1740	20.22	9.53	29.75	54.76	-25.01	AVG
2	0.1860	34.37	9.57	43.94	64.21	-20.27	QP
3	0.3500	30.68	9.63	40.31	58.96	-18.65	QP
4	0.3500	18.19	9.63	27.82	48.96	-21.14	AVG
5	0.4860	19.55	9.65	29.20	46.24	-17.04	AVG
6	0.4900	27.33	9.65	36.98	56.17	-19.19	QP
7	2.3060	26.80	9.38	36.18	56.00	-19.82	QP
8	2.6260	13.67	9.38	23.05	46.00	-22.95	AVG
9	10.8260	17.69	9.76	27.45	50.00	-22.55	AVG
10	11.5140	30.62	9.72	40.34	60.00	-19.66	QP
11	26.4860	29.95	9.55	39.50	60.00	-20.50	QP
12*	26.6100	24.14	9.55	33.69	50.00	-16.31	AVG

APPENDIX SUMMARY

Project No.	WTD25X07172964W003	Test Engineer	BAIdi zhong
Start date	2025-08-24	Finish date	2026-02-02
Temperature	23℃	Humidity	56%
RF specifications	WIFI-2.4GHz		

APPENDIX	Description of Test Item	Result
A	DTS Bandwidth	Compliant
B	Maximum conducted output power	Compliant
C	Maximum power spectral density	Compliant
D	Reference level measurement	Compliant
E	Band edge measurements	Compliant
F	Conducted Spurious Emission	Compliant
G	Duty Cycle	Compliant

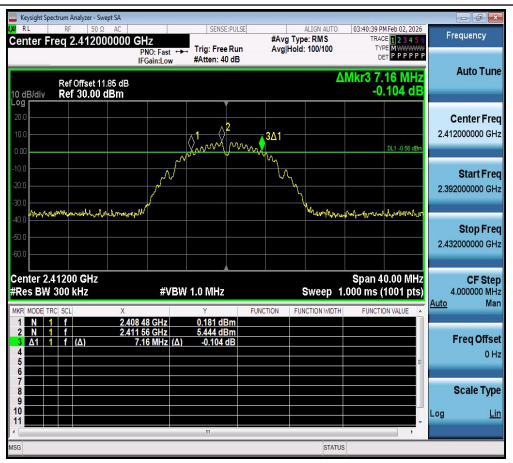
Appendix A: DTS Bandwidth

Test Result

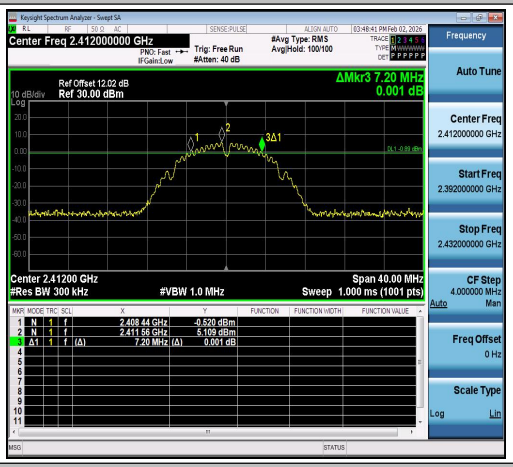
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.160	2408.480	2415.640	0.5	PASS
11B	Ant2	2412	7.200	2408.440	2415.640	0.5	PASS
11B	Ant1	2437	7.200	2433.440	2440.640	0.5	PASS
11B	Ant2	2437	7.200	2433.440	2440.640	0.5	PASS
11B	Ant1	2462	7.200	2458.440	2465.640	0.5	PASS
11B	Ant2	2462	7.200	2458.440	2465.640	0.5	PASS
11G	Ant1	2412	16.360	2403.880	2420.240	0.5	PASS
11G	Ant2	2412	16.240	2403.880	2420.120	0.5	PASS
11G	Ant1	2437	16.600	2428.840	2445.440	0.5	PASS
11G	Ant2	2437	16.520	2428.760	2445.280	0.5	PASS
11G	Ant1	2462	16.400	2453.880	2470.280	0.5	PASS
11G	Ant2	2462	16.480	2453.800	2470.280	0.5	PASS
11N20MIMO	Ant1	2412	17.680	2403.200	2420.880	0.5	PASS
11N20MIMO	Ant2	2412	17.600	2403.240	2420.840	0.5	PASS
11N20MIMO	Ant1	2437	17.680	2428.200	2445.880	0.5	PASS
11N20MIMO	Ant2	2437	17.680	2428.240	2445.920	0.5	PASS
11N20MIMO	Ant1	2462	17.640	2453.240	2470.880	0.5	PASS
11N20MIMO	Ant2	2462	17.640	2453.240	2470.880	0.5	PASS
11N40MIMO	Ant1	2422	36.320	2404.000	2440.320	0.5	PASS
11N40MIMO	Ant2	2422	36.480	2403.600	2440.080	0.5	PASS
11N40MIMO	Ant1	2437	36.320	2418.920	2455.240	0.5	PASS
11N40MIMO	Ant2	2437	36.800	2418.760	2455.560	0.5	PASS
11N40MIMO	Ant1	2452	36.400	2434.000	2470.400	0.5	PASS
11N40MIMO	Ant2	2452	36.320	2433.840	2470.160	0.5	PASS
11AX20MIMO	Ant1	2412	19.120	2402.520	2421.640	0.5	PASS
11AX20MIMO	Ant2	2412	19.000	2402.560	2421.560	0.5	PASS
11AX20MIMO	Ant1	2437	19.160	2427.480	2446.640	0.5	PASS
11AX20MIMO	Ant2	2437	19.040	2427.560	2446.600	0.5	PASS
11AX20MIMO	Ant1	2462	18.840	2452.640	2471.480	0.5	PASS
11AX20MIMO	Ant2	2462	19.160	2452.480	2471.640	0.5	PASS
11AX40MIMO	Ant1	2422	37.840	2403.040	2440.880	0.5	PASS
11AX40MIMO	Ant2	2422	36.960	2403.440	2440.400	0.5	PASS
11AX40MIMO	Ant1	2437	37.760	2418.200	2455.960	0.5	PASS
11AX40MIMO	Ant2	2437	37.520	2418.280	2455.800	0.5	PASS
11AX40MIMO	Ant1	2452	37.280	2433.280	2470.560	0.5	PASS
11AX40MIMO	Ant2	2452	37.280	2433.520	2470.800	0.5	PASS
11BE20MIMO	Ant1	2412	19.040	2402.520	2421.560	0.5	PASS

11BE20MIMO	Ant2	2412	19.080	2402.480	2421.560	0.5	PASS
11BE20MIMO	Ant1	2437	39.920	2417.040	2456.960	0.5	PASS
11BE20MIMO	Ant2	2437	18.840	2427.600	2446.440	0.5	PASS
11BE20MIMO	Ant1	2462	18.880	2452.680	2471.560	0.5	PASS
11BE20MIMO	Ant2	2462	18.960	2452.560	2471.520	0.5	PASS
11BE40MIMO	Ant1	2422	38.000	2403.120	2441.120	0.5	PASS
11BE40MIMO	Ant2	2422	37.920	2403.040	2440.960	0.5	PASS
11BE40MIMO	Ant1	2437	38.000	2418.120	2456.120	0.5	PASS
11BE40MIMO	Ant2	2437	37.520	2418.440	2455.960	0.5	PASS
11BE40MIMO	Ant1	2452	37.600	2433.360	2470.960	0.5	PASS
11BE40MIMO	Ant2	2452	38.000	2432.960	2470.960	0.5	PASS

Test Graphs



11B-Ant1-2412-PASS



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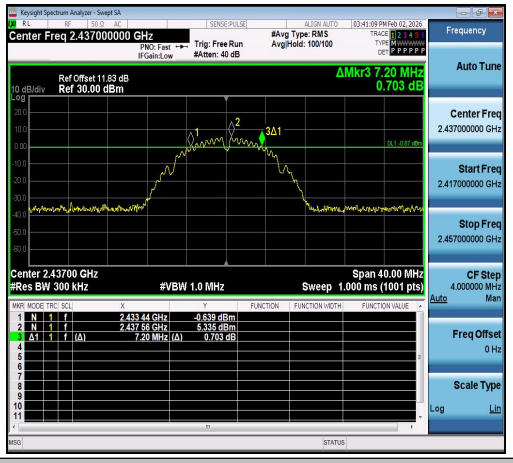

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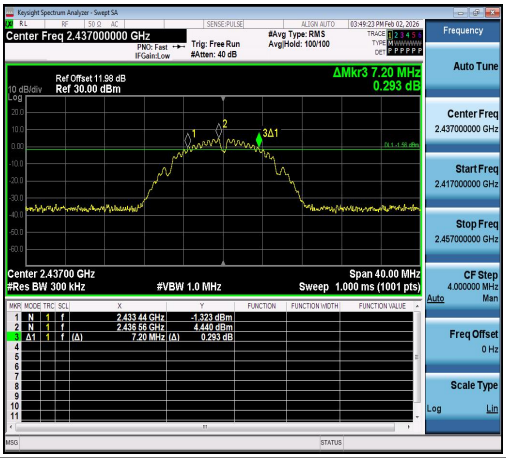

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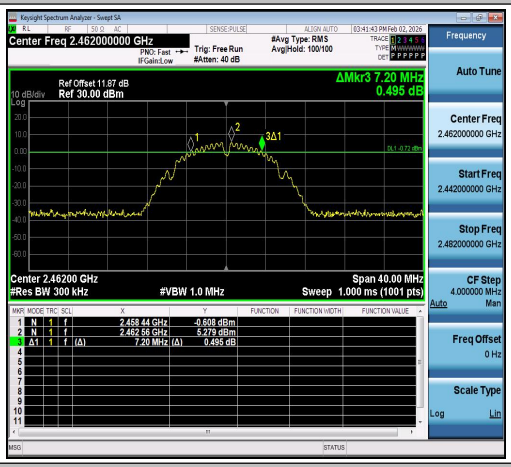

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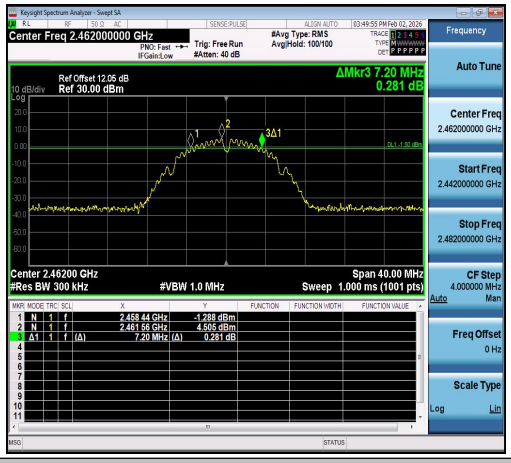

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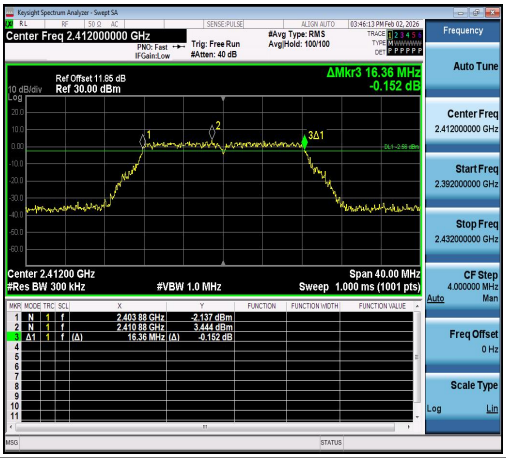

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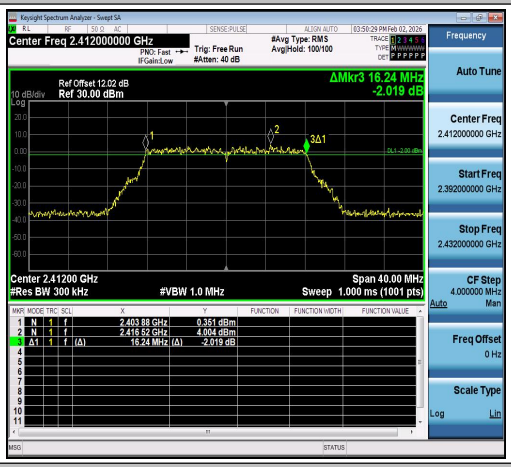
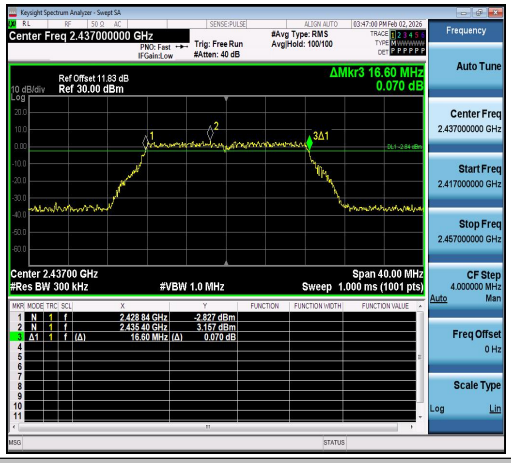


11G-Ant2-2412-PASS



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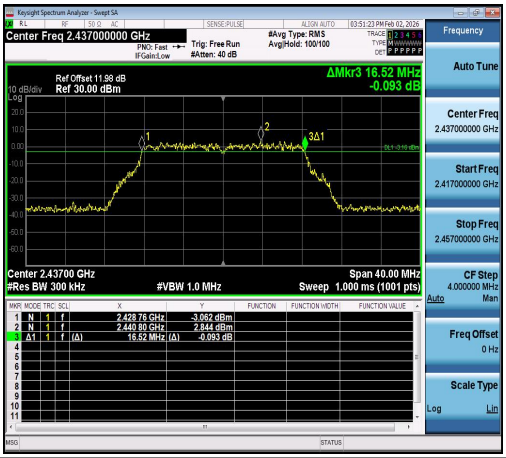

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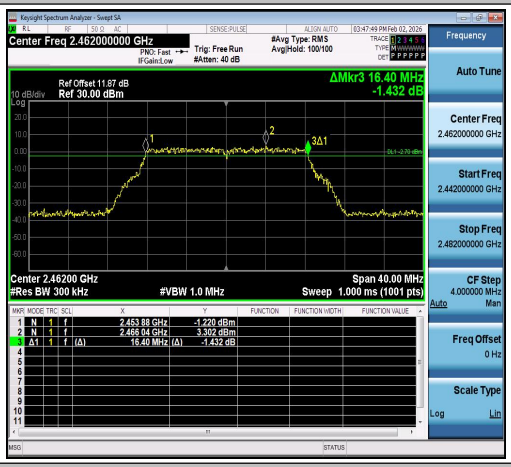

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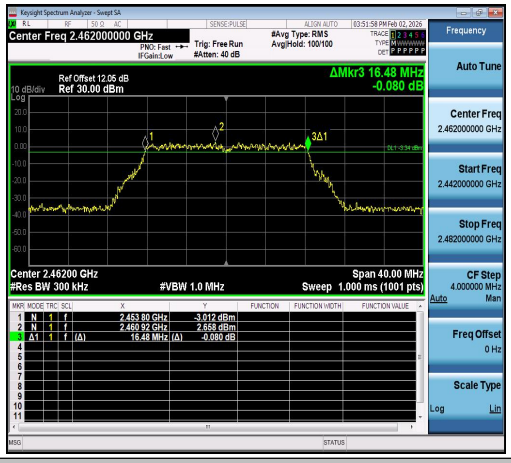

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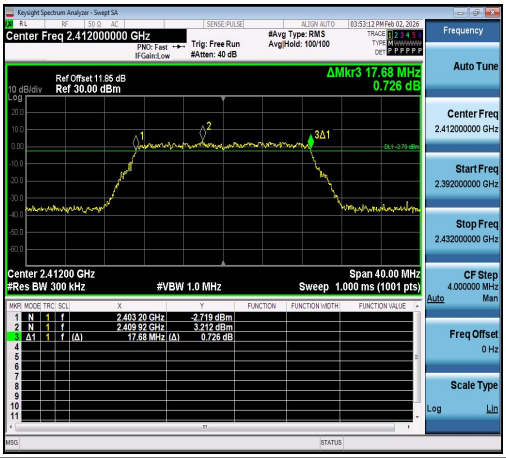

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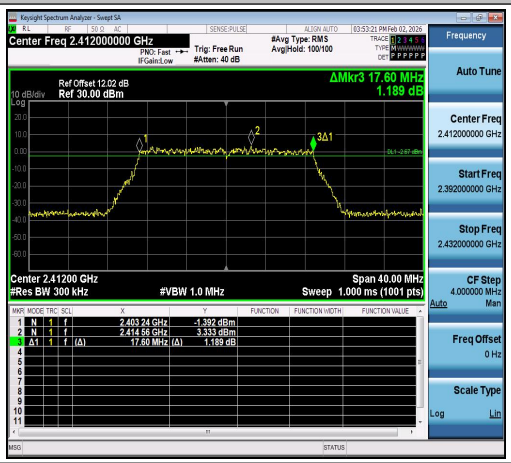

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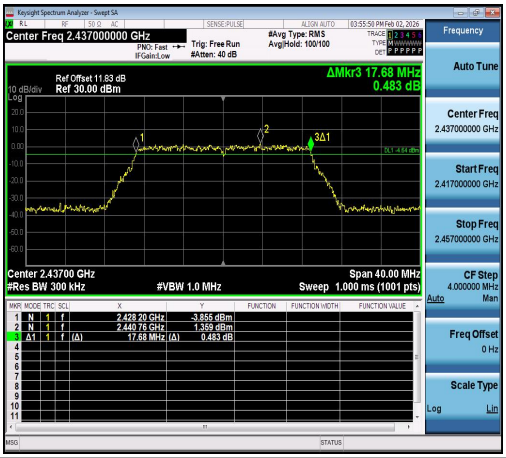

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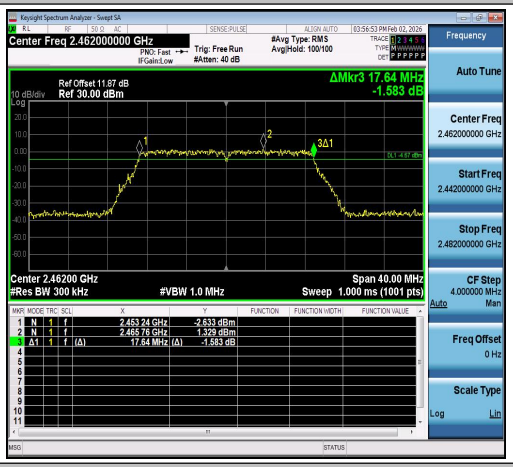
11N20MIMO-Ant2-2437-PASS



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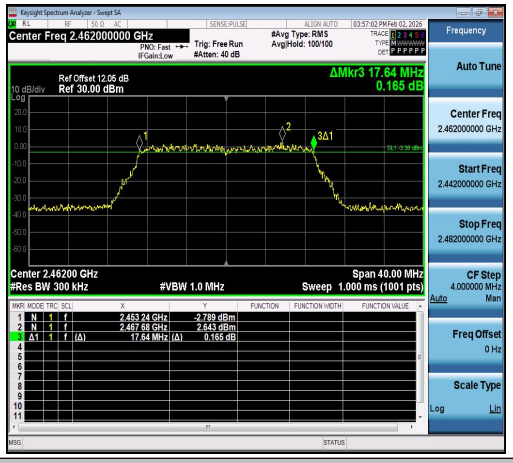
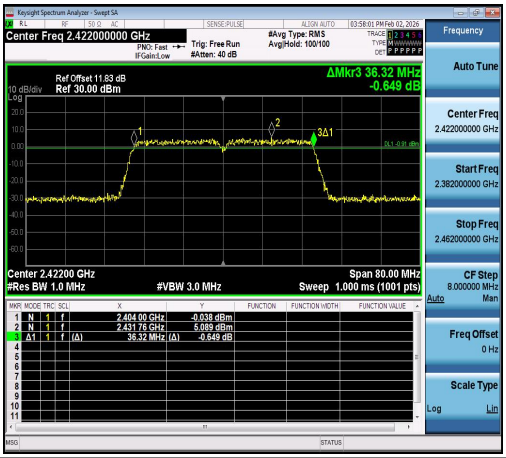
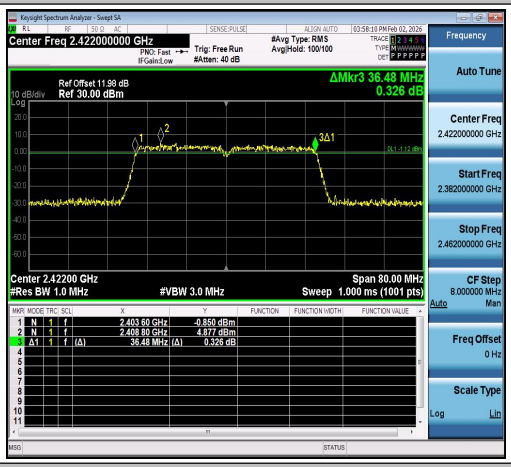


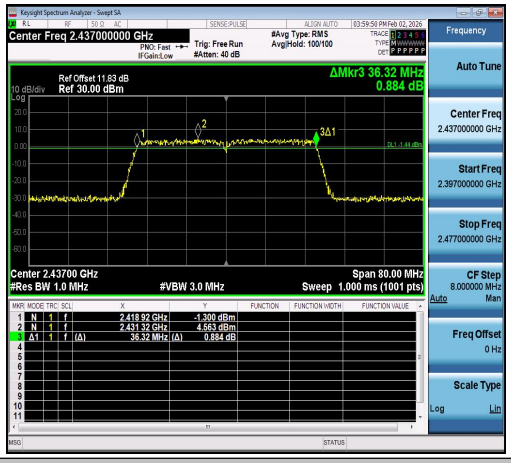
11N20MIMO-Ant2-2462-PASS



11N40MIMO-Ant1-2422-PASS

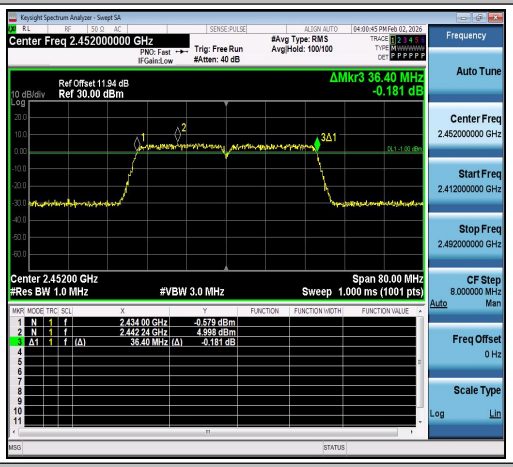


11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2437-PASS

11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS

11N40MIMO-Ant2-2452-PASS