RF MEASUREMENT REPORT

FCC ID:	2BCGWBE25
Applicant:	TP-LINK CORPORATION PTE. LTD.
Product:	BE5000 Whole Home Mesh Wi-Fi 7 System, BE3600 Whole Home Mesh Wi-Fi 7 System
Model No.:	Deco BE25, Deco BE23, Deco BE5000, Deco WB10800
Brand Name:	tp-link
FCC Classification:	Unlicensed National Information Infrastructure (NII)
FCC Rule Part(s):	Part 15 Subpart E (Section 15.407)
Result:	Complies
Received Date:	2025-01-22
Test Date:	2025-02-13 ~ 2025-02-28

Reviewed By: Kevin Guo

Approved By: Robin Wu

ACCREDITED
TESTING LABORATORY
CERTIFICATE #3628.01

Revision History

Report No.	Version	Description	Issue Date	Note
R25S1064019-U201	V01	Initial Report	2025-03-31	Valid

CONTENTS

1. General Information

1.1. Applicant

TP-LINK CORPORATION PTE. LTD.

7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987

1.2. Manufacturer

TP-LINK CORPORATION PTE. LTD.

7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987

1.3. Testing Facility

☒	**Test Site – MRT Suzhou Laboratory**				
	Laboratory Location (Suzhou - Wuzhong) D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China **Laboratory Location (Suzhou - SIP)** 4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China **Laboratory Location (Suzhou - Wujiang)** Building 1, No.1 Xingdong Road, Wujiang, Suzhou, Jiangsu, People's Republic of China				
	Laboratory Accreditations				
	A2LA: 3628.01		CNAS: L10551		
	FCC: CN1166		ISED: CN0001		
	VCCI:	☐R-20025	☐G-20034	☐C-20020	☐T-20020
		☐R-20141	☐G-20134	☐C-20103	☐T-20104
☐	**Test Site – MRT Shenzhen Laboratory**				
	Laboratory Location (Shenzhen) 1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China				
	Laboratory Accreditations				
	A2LA: 3628.02		CNAS: L10551		
	FCC: CN1284		ISED: CN0105		
☐	**Test Site – MRT Taiwan Laboratory**				
	Laboratory Location (Taiwan) No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)				
	Laboratory Accreditations				
	TAF: 3261				
	FCC: 291082, TW3261		ISED: TW3261		

1.4. Product Information

Product	BE5000 Whole Home Mesh Wi-Fi 7 System, BE3600 Whole Home Mesh Wi-Fi 7 System
Model No.	Deco BE25, Deco BE23, Deco BE5000, Deco WB10800
Brand Name	tp-link
EUT Identification No.	20250122Sample#01 (Conducted) 20250122Sample#02 (Radiated)
Wi-Fi Specification	802.11a/b/g/n/ac/ax/be
Antenna Information	Refer to section 1.7
Operating Temperature	0 ~ 40 °C
Power Type	AC/DC Adapter
Accessories	
Adapter #1	Model No.: T120150-2E4 Input: 100-240 V ~ 50/60 Hz, 0.6 A Output: 12.0 V ⎓ 1.5 A
Adapter #2	Model No.: T120150-2B4 Input: 100-240 V ~ 50/60 Hz, 0.6 A Output: 12.0 V ⎓ 1.5 A
Note: The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer.	

Model Differences

Model	Differences		
	Product Name	Cover	Operating frequency
Deco BE25 **(Original)**	BE5000 Whole Home Mesh Wi-Fi 7 System	--	--
Deco BE23 (Variant)	BE3600 Whole Home Mesh Wi-Fi 7 System	Same as Deco BE25	Close 240 MHz BW via software
Deco BE5000 (Variant)	BE5000 Whole Home Mesh Wi-Fi 7 System	Cover with ripple	Same as Deco BE25
Deco WB1080 (Variant)	BE3600 Whole Home Mesh Wi-Fi 7 System	Cover with ripple	Close 240 MHz BW via software

Note: The differences of models are as above, the other was the same.

1.5. Radio Specification under Test

Frequency Range	802.11a/n-HT20/ac-VHT20/ax-HE20/be-EHT20: 5845 MHz, 5865 MHz, 5885 MHz 802.11n-HT40/ac-VHT40/ax-HE40/be-EHT20: 5835 MHz, 5875 MHz 802.11ac-VHT80/ax-HE80/be-EHT80: 5855 MHz 802.11ac-VHT160/ax-HE160/be-EHT160: 5815 MHz	
Type of Modulation	802.11a/n/ac: OFDM 802.11ax/be: OFDMA	
Data Rate	802.11a: 6/9/12/18/24/36/48/54 Mbps 802.11n: up to 300 Mbps 802.11ac: up to 1733.3 Mbps 802.11ax: up to 2402 Mbps 802.11be: up to 2882 Mbps	
Channel Puncturing Function	☐ Supported	☒ Unsupported
Support RU	☒ Full RU	☐ Partial RU

1.6. Working Frequencies

802.11a/n-HT20/ac-VHT20/ax-HE20/be-EHT20

Channel	Frequency	Channel	Frequency	Channel	Frequency
169	5845 MHz	173	5865 MHz	177	5885 MHz

802.11n-HT40/ac-VHT40/ax-HE40/be-EHT40

Channel	Frequency	Channel	Frequency	Channel	Frequency
167	5835 MHz	175	5875 MHz	--	--

802.11ac-VHT80/ax-HE80/be-EHT80

Channel	Frequency	Channel	Frequency	Channel	Frequency
171	5855 MHz	--	--	--	--

802.11ac-VHT160/ax-HE160/be-EHT160

Channel	Frequency	Channel	Frequency	Channel	Frequency
163	5815 MHz	--	--	--	--

1.7. Antenna Details

Antenna Type	Frequency Band (MHz)	T_X Paths	Antenna Gain (dBi)		Beamforming Directional Gain (dBi)	CDD Directional Gain (dBi)	
			Ant 0	Ant 1		For Power	For PSD
Dipole	5150 ~ 5895	2	3.00	3.00	6.01	3.00	6.01

Note 1: The device supports CDD Mode and Beamforming Mode, details refer to the table as below.

Note 2: The device supports 2 N_{SS} and power level is the same of spatial multiplexing. The worst case is N_{SS}=1.

Note 3: For CDD Mode, directional gain is calculated as follows.

Directional Gain = $G_{ANT\ Max}$ + Array Gain, where Array Gain is as follows.

- For power spectral density (PSD) measurements on all devices,

  Array Gain = 10 log (N_{ANT}/ N_{SS}) dB;

- For power measurements on IEEE 802.11 devices,

  Array Gain = 0 dB for N_{ANT} ≤ 4.

Note 4: For Beamforming Mode, the directional is calculated as follows.

Directional Gain = $G_{ANT\ Max}$ + 10 log (N_{ANT}) dB.

Note 5: The information as above is from the antenna report.

Test Mode	T_X Paths	CDD Mode	Beamforming Mode
802.11b/g/n (DTS)	2	√	X
802.11ax/be (DTS)	2	√	√
802.11a/n (NII)	2	√	X
802.11ac/ax/be (NII)	2	√	√

2. Test Configuration

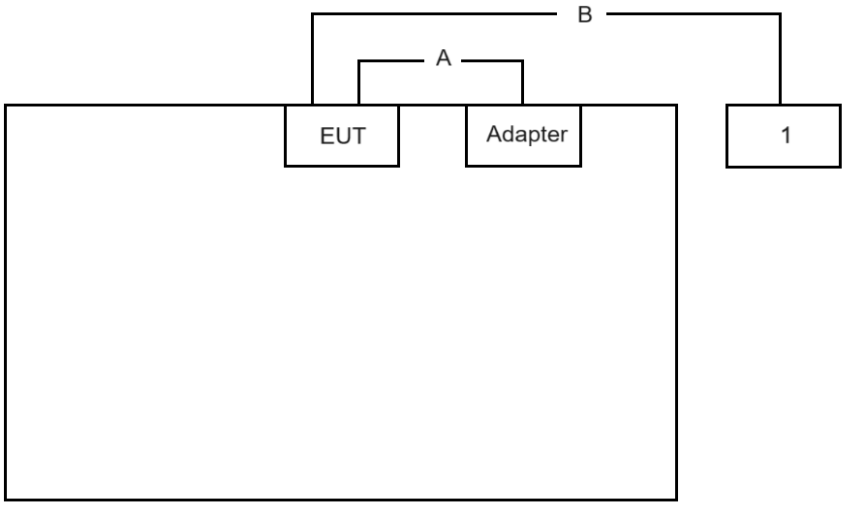
2.1. Test Mode

Mode 1: Transmit by 802.11a (6Mbps)
Mode 2: Transmit by 802.11ac-VHT20 (MCS0)
Mode 3: Transmit by 802.11ac-VHT40 (MCS0)
Mode 4: Transmit by 802.11ac-VHT80 (MCS0)
Mode 5: Transmit by 802.11ac-VHT160 (MCS0)
Mode 6: Transmit by 802.11ax-HE20 (MCS0)
Mode 7: Transmit by 802.11ax-HE40 (MCS0)
Mode 8: Transmit by 802.11ax-HE80 (MCS0)
Mode 9: Transmit by 802.11ax-HE160 (MCS0)
Mode 10: Transmit by 802.11be-EHT20 (MCS0)
Mode 11: Transmit by 802.11be-EHT40 (MCS0)
Mode 12: Transmit by 802.11be-EHT80 (MCS0)
Mode 13: Transmit by 802.11be-EHT160 (MCS0)
Note 1: 802.11n and 802.11ac have same modulation type and same power value, so we only show 802.11ac test data in report. Note 2: All modes of operation and data rates were investigated, so all RF test requirements shall be executed at the worst data rate. Note 3: For CDD mode, this device supports 2 N_{SS} and power level is the same of spatial multiplexing. The worst case is N_{SS}=1. Note 4: For Beamforming mode, we only test the “RF Output Power”.

2.2. Test System Connection Diagram

The device was tested per the guidance ANSI C63.10: 2013 was used to reference the appropriate EUT setup for radiated emissions testing and AC line conducted testing.

Connection Diagram



Cable Type		Cable Description	Length
A	Power Cable	Non shielded	1.5 m
B	LAN Cable	Non shielded, Cat.5e	> 10 m
Product		Manufacturer	Model No.
1	Notebook	Lenovo	E430C

2.3. Test Software

The test utility software used during testing was “QSPR”, and the version was 5.0-00202.
Final power setting please refer to operational description.

2.4. Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15.407
- KDB 789033 D02v02r01
- KDB 291074 D02v01
- KDB 662911 D01v02r01
- ANSI C63.10-2013

2.5. Test Environment Condition

Ambient Temperature	15 ~ 35°C
Relative Humidity	20 ~ 75%RH

3. Antenna Requirements

KDB 291074 DR01: An Indoor Access point in the U-NII-4 band (5.850-5.895 GHz) and U-NII -3 & -4 span channels must use an integrated antenna

- The antenna of the device is built in and locked inside the enclosure.

4. Measuring Instrument

Instument Name	Manufacturer	Model No.	Asset No.	Cali. Interval	Cal. Due Date	Test Site
EMI Test Receiver	R&S	ESR3	MRTSUE07110	1 year	2025-04-24	WJ-AC1
EXA Signal Analyzer	Keysight	N9010B	MRTSUE07147	1 year	2025-04-28	WJ-AC1
Active Loop Antenna	Schwarzbeck	FMZB 519-60 D	MRTSUE07076	1 year	2025-11-19	WJ-AC1
TRILOG Broad Band Antenna	Schwarzbeck	VULB 9163	MRTSUE07099	1 year	2025-04-24	WJ-AC1
Horn Antenna	ETS	3117	MRTSUE06257	1 year	2025-09-08	WJ-AC1
Preamplifier	EMCI	EMC001330	MRTSUE06643	1 year	2025-05-14	WJ-AC1
Thermohygrometer	testo	608-H1	MRTSUE11314	1 year	2025-06-24	WJ-AC1
Thermohygrometer	testo	608-H1	MRTSUE11333	1 year	2025-06-24	WJ-AC1
Anechoic Chamber	TDK	WJ-AC1	MRTSUE07115	1 year	2025-05-17	WJ-AC1
EXA Signal Analyzer	Keysight	N9010B	MRTSUE07148	1 year	2025-05-11	WJ-AC2
Horn Antenna	EMCI	DRH18-E	MRTSUE07105	1 year	2025-05-12	WJ-AC2
Broadband Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE07100	1 year	2025-04-24	WJ-AC2
Preamplifier	EMCI	EMC118A45SE	MRTSUE07102	1 year	2025-04-11	WJ-AC2
Preamplifier	EMCI	EMC184045SE	MRTSUE07103	1 year	2025-04-14	WJ-AC2
Thermohygrometer	testo	608-H1	MRTSUE11315	1 year	2025-06-24	WJ-AC2
Thermohygrometer	testo	608-H1	MRTSUE11332	1 year	2025-06-24	WJ-AC2
Anechoic Chamber	TDK	WJ-AC2	MRTSUE07117	1 year	2025-05-14	WJ-AC2
EMI Test Receiver	R&S	ESR3	MRTSUE07112	1 year	2025-04-21	WJ-SR5
Two-Line V-Network	R&S	ENV216	MRTSUE07201	1 year	2025-05-26	WJ-SR5
Thermohygrometer	testo	608-H1	MRTSUE11317	1 year	2025-06-24	WJ-SR5
Shielding Room	TDK	WJ-SR5	MRTSUE07127	N/A	N/A	WJ-SR5
USB Power Sensor	Keysight	U2021XA	MRTSUE07141	1 year	2025-03-23	WJ-SR2
EXA Signal Analyzer	Keysight	N9010B	MRTSUE07147	1 year	2025-04-28	WJ-SR2
Attenuator	MVE	MVE2213	MRTSUE11075	1 year	2025-06-05	WJ-SR2
Thermohygrometer	testo	608-H1	MRTSUE11330	1 year	2025-06-24	WJ-SR2
Shielding Room	TDK	WJ-SR2	MRTSUE07124	N/A	N/A	WJ-SR2
EXA Signal Analyzer	Keysight	N9010B	MRTSUE07147	1 year	2025-04-28	WJ-TR1
Attenuator	MVE	MVE2213	MRTSUE11075	1 year	2025-06-05	WJ-TR1
High and low temperature-humidity test chamber	GWS	EL-01JA	MRTSUE07114	1 year	2025-05-20	WJ-TR1
Thermohygrometer	testo	608-H1	MRTSUE11337	1 year	2025-06-24	WJ-TR1

Software	Version	Function
e3	230711	EMI Test Software
CONTROLLER CO3000	v 1.03.02	RE Antenna & Turntable
Agilent Power Panel	V 3.9	Power

5. Decision Rules and Measurement Uncertainty

5.1. Decision Rules

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4: 2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

5.2. Measurement Uncertainty

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k = 2.

AC Conducted Emission Measurement
The maximum measurement uncertainty is evaluated as: 9kHz~150kHz: 3.58dB 150kHz~30MHz: 3.20dB
Radiated Emission Measurement
The maximum measurement uncertainty is evaluated as: Coaxial: 9kHz~30MHz: 2.61dB Coplanar: 9kHz~30MHz: 2.62dB Horizontal: 30MHz~200MHz: 3.79dB 200MHz~1GHz: 3.91dB 1GHz~40GHz: 4.99dB Vertical: 30MHz~200MHz: 4.06dB 200MHz~1GHz: 5.21dB 1GHz~40GHz: 4.90dB
Spurious Emissions, Conducted
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 2.2dB
Output Power
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 1.4dB
Power Spectrum Density
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 2.2dB
Occupied Bandwidth
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 2.7%

6. Test Result

6.1. Summary

FCC Section(s)	Test Description	Test Condition	Verdict
15.407(a)	26dB Bandwidth	Conducted	Pass
15.407(e)	6dB Bandwidth		Pass
15.407(a)(3)(ii)	Maximum Conducted Output Power		Pass
15.407(a)(3)(ii)(12)	Peak Power Spectral Density		Pass
15.407(b)(5)	Undesirable Emissions	Radiated	Pass
15.205, 15.209 15.407(b)(5)(i), (8), (9)	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)		Pass
15.207	AC Conducted Emissions 150kHz - 30MHz	Line Conducted	Pass

Notes:

1. The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part ofthe system to connect the EUT to the analyzer at all frequencies of interest.
2. For radiated emission test, every axis (X, Y, Z) was also verified. The test results shown in the following sections represent the worst-case emissions.

6.2. 26dB & 99% Bandwidth Measurement

6.2.1. Test Limit

N/A

6.2.2. Test Procedure

KDB 789033 D02v02r01- Section C.1 (26dB Bandwidth)

KDB 789033 D02v02r01- Section D (99% Bandwidth)

6.2.3. Test Setting

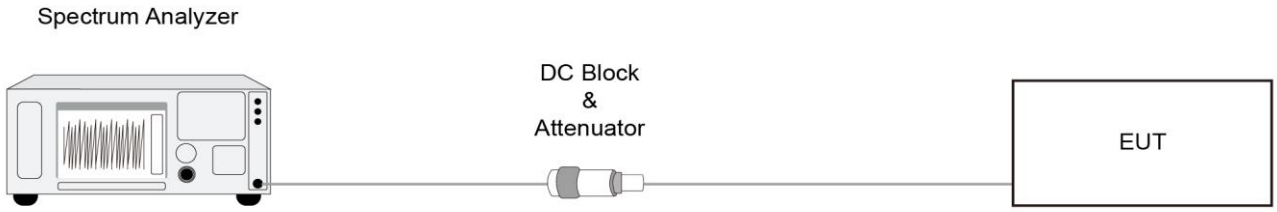
26dB Bandwidth

1. The analyzers' automatic bandwidth measurement capability was used to perform the 26dB bandwidth measurement. The "X" dB bandwidth parameter was set to X = 26. The automatic bandwidth measurement function also has the capability of simultaneously measuring the 99% occupied bandwidth. The bandwidth measurement was not influenced by any intermediated power nulls in the fundamental emission.
2. RBW = approximately 1% of the emission bandwidth.
3. VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold.

99% 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 ≥ 3×RBW
5. Detector = Peak.
6. Use the 99% power bandwidth function of the instrument.

6.2.4. Test Setup



6.2.5. Test Result

Refer to Appendix A.2.

6.3. 6dB Bandwidth Measurement

6.3.1. Test Limit

The minimum 6dBbandwidth shall be at least 500 kHz.

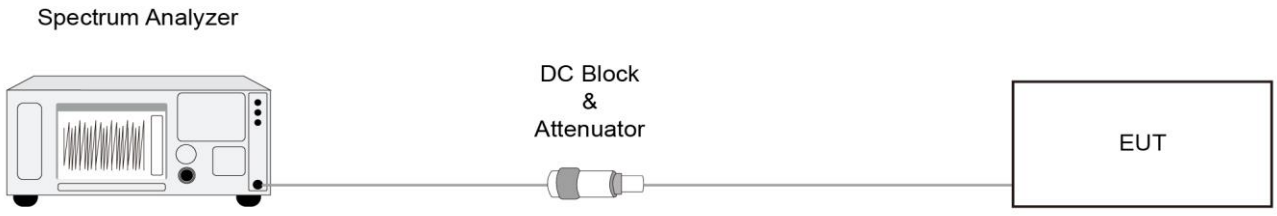
6.3.2. Test Procedure

KDB 789033 D02v02r01- Section C.2

6.3.3. Test Setting

1. Set center frequency to the nominal EUT channel center frequency.
2. RBW = 100 kHz.
3. VBW ≥ 3 × RBW.
4. Detector = Peak.
5. Trace mode = max hold.
6. Sweep = auto couple.
7. Allow the trace to stabilize.
8. 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 6 dB relative to the maximum level measured in the fundamental emission.

6.3.4. Test Setup



6.3.5. Test Result

Refer to Appendix A.3.

6.4. Output Power Measurement

6.4.1. Test Limit

For an indoor access point operating in the 5.850-5.895 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. Indoor access points operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 36 dBm.

6.4.2. Test Procedure

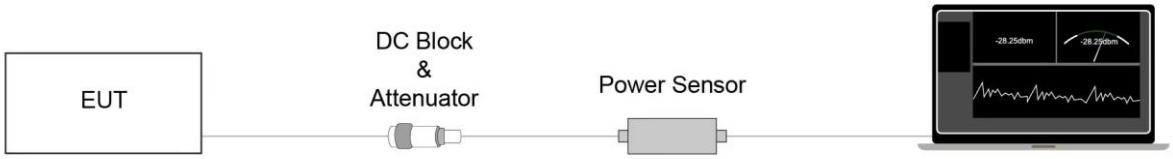
KDB 789033D02v02r01- Section E)3)b) Method PM-G

6.4.3. Test Setting

Average Power Measurement

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.

6.4.4. Test Setup



6.4.5. Test Result

Refer to Appendix A.4.

6.5. Power Spectral Density Measurement

6.5.1. Test Limit

For an indoor access point operating in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 20 dBm e.i.r.p. in any 1-megahertz band.

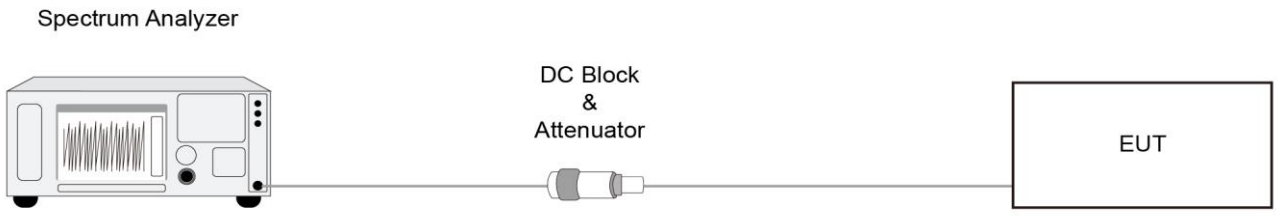
6.5.2. Test Procedure

KDB 789033 D02v02r01-SectionF

6.5.3. Test Setting

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Span was set to encompass the entire 26dB EBW of the signal.
3. RBW = 1MHz
4. VBW = 3 × RBW
5. Number of sweep points ≥ 2 × (span / RBW)
6. Detector = power averaging (Average)
7. Sweep time = auto
8. Trigger = free run
9. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
10. Add 10*log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add 10*log(1/0.25) = 6 dB if the duty cycle is 25 percent.

6.5.4. Test Setup



6.5.5. Test Result

Refer to Appendix A.5.

6.6. Frequency Stability Measurement

6.6.1. Test Limit

Manufactures 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 user's manual.

6.6.2. Test Procedure

Frequency Stability Under Temperature Variations:

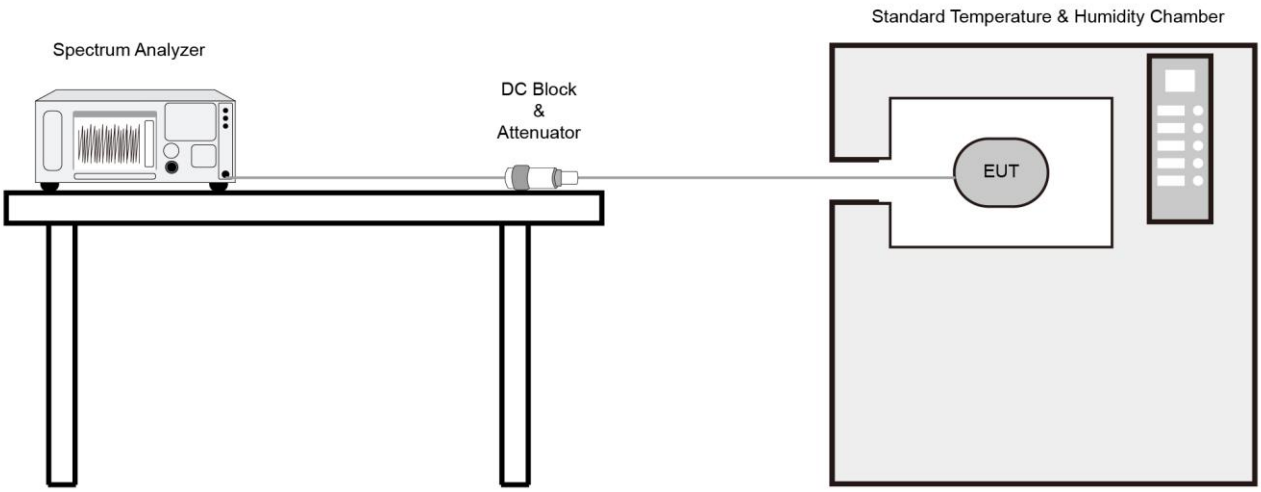
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (±15%) and endpoint, record the maximum frequency change.

6.6.3. Test Setup



6.6.4. Test Result

Refer to Appendix A.6.

6.7. Radiated Spurious Emission Measurement

6.7.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [μV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

6.7.2. Test Procedure

KDB 789033 D02v02r01- Section G.

6.7.3. Test Setting

Table 1 - RBW as a function of frequency

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

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = as specified in Table 1
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10 Hz.

If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.

4. Detector = Peak

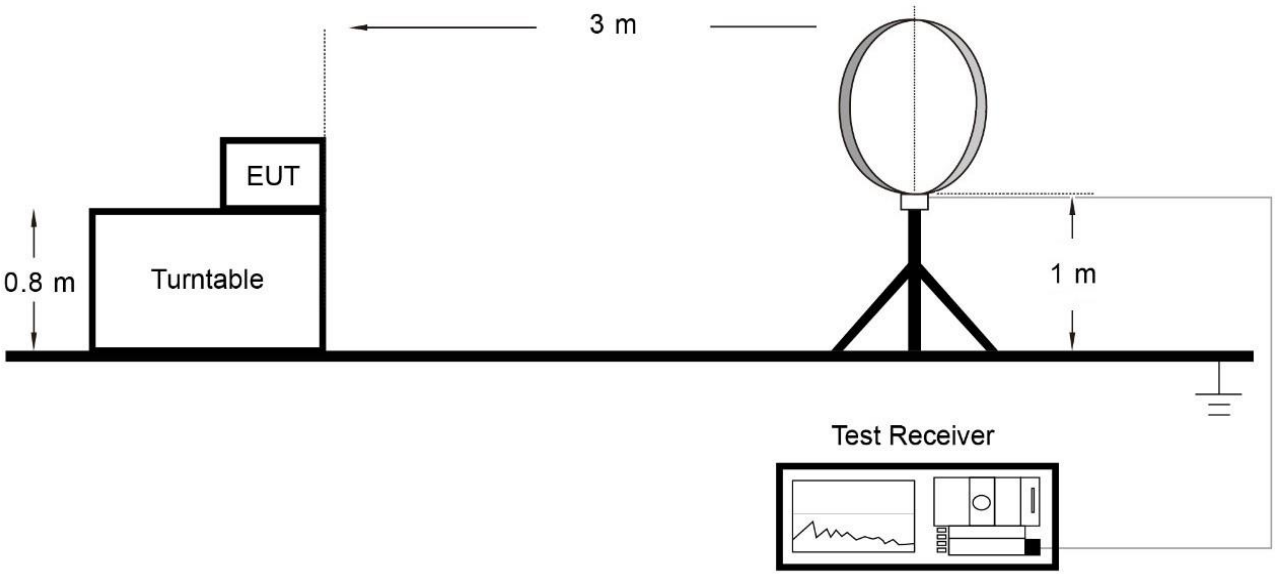
5. Sweep time = auto

6. Trace mode = max hold

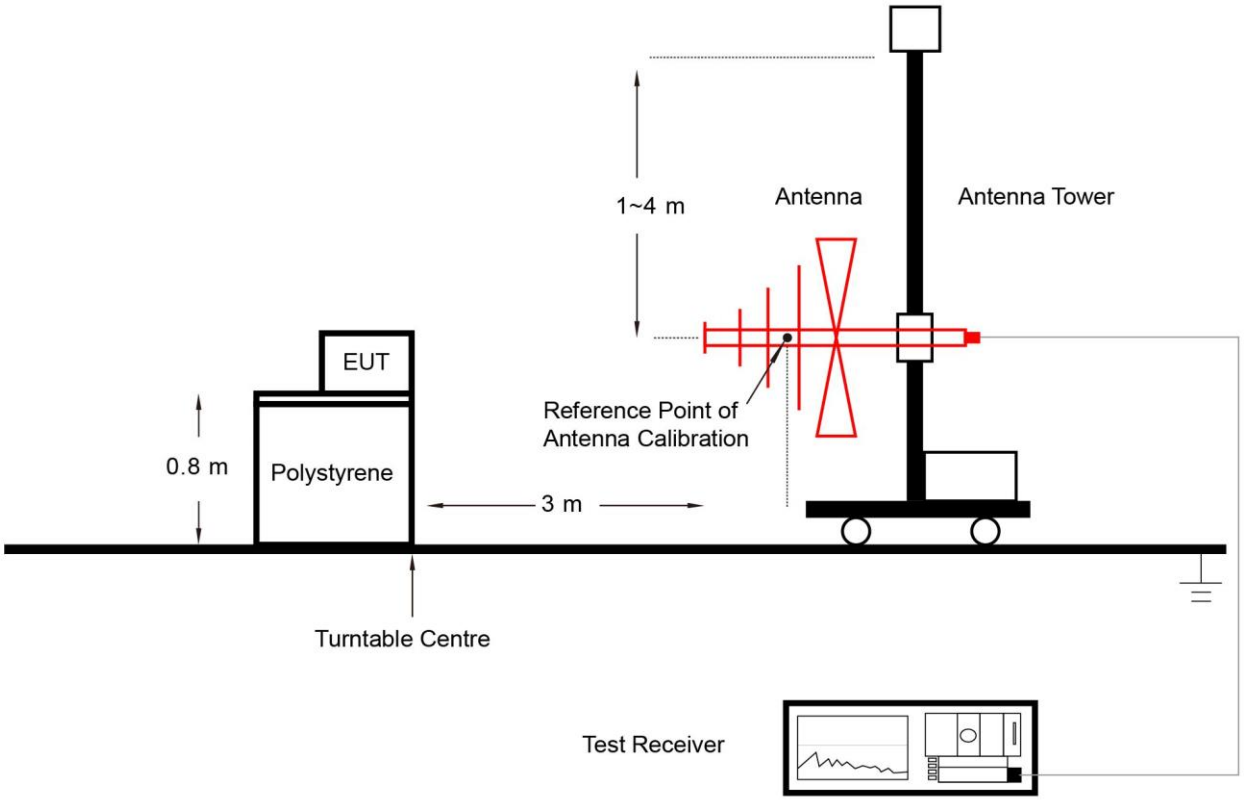
7. Trace was allowed to stabilize

6.7.4. Test Setup

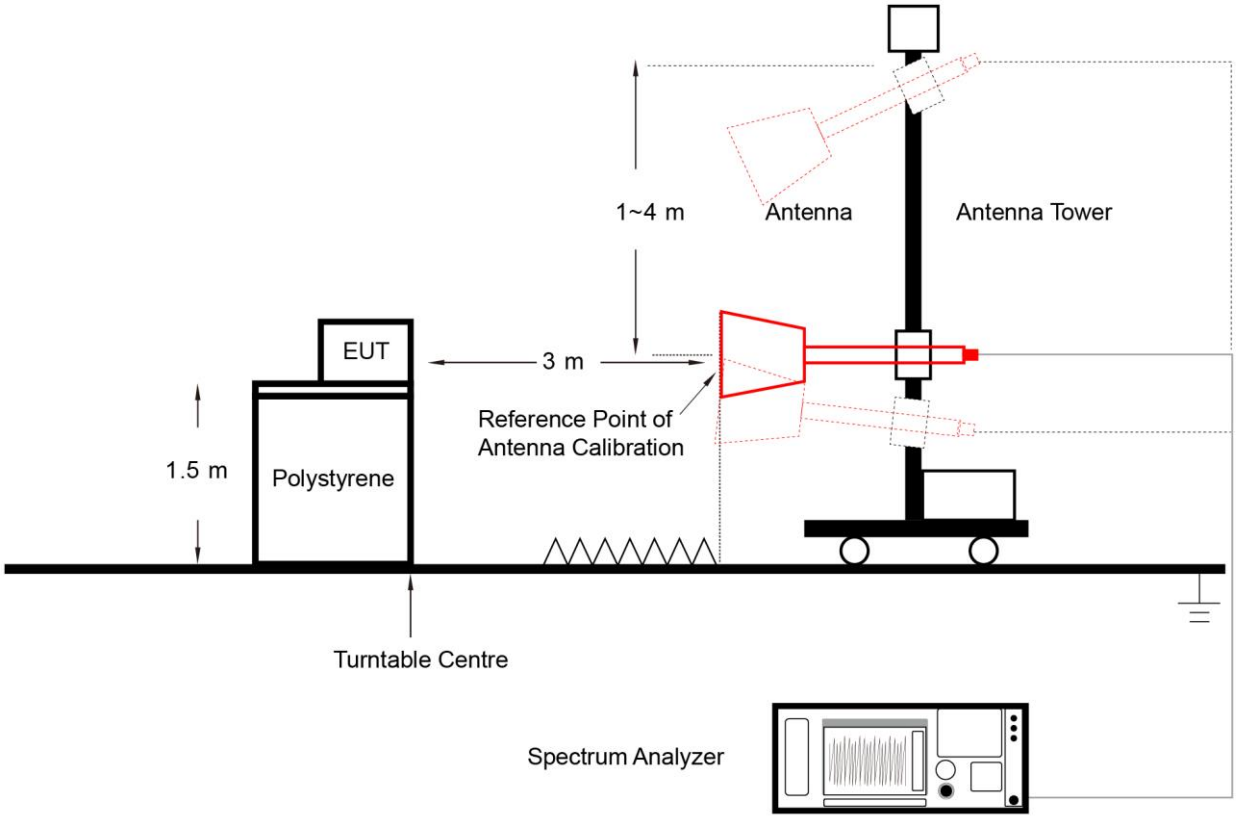
Below 30MHz Test Setup:



Below 1GHz Test Setup:



Above 1GHz Test Setup:



6.7.5. Test Result

Refer to Appendix A.7.

6.8. Radiated Restricted Band Edge Measurement

6.8.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1] 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])
13.36 - 13.41	--	--	--

For 15.407(b) requirement:

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

For an indoor access point, all emissions at or above 5.895GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of -7 dBm/MHz at or above 5.925GHz.

For indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of −27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.

E [dBµV/m] = EIRP [dBm] + 95.2, for example, -27 dBm/MHz = 68.2 dBµV/m

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [µV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

6.8.2. Test Procedure

KDB 789033 D02v02r01- Section G

6.8.3. Test Setting

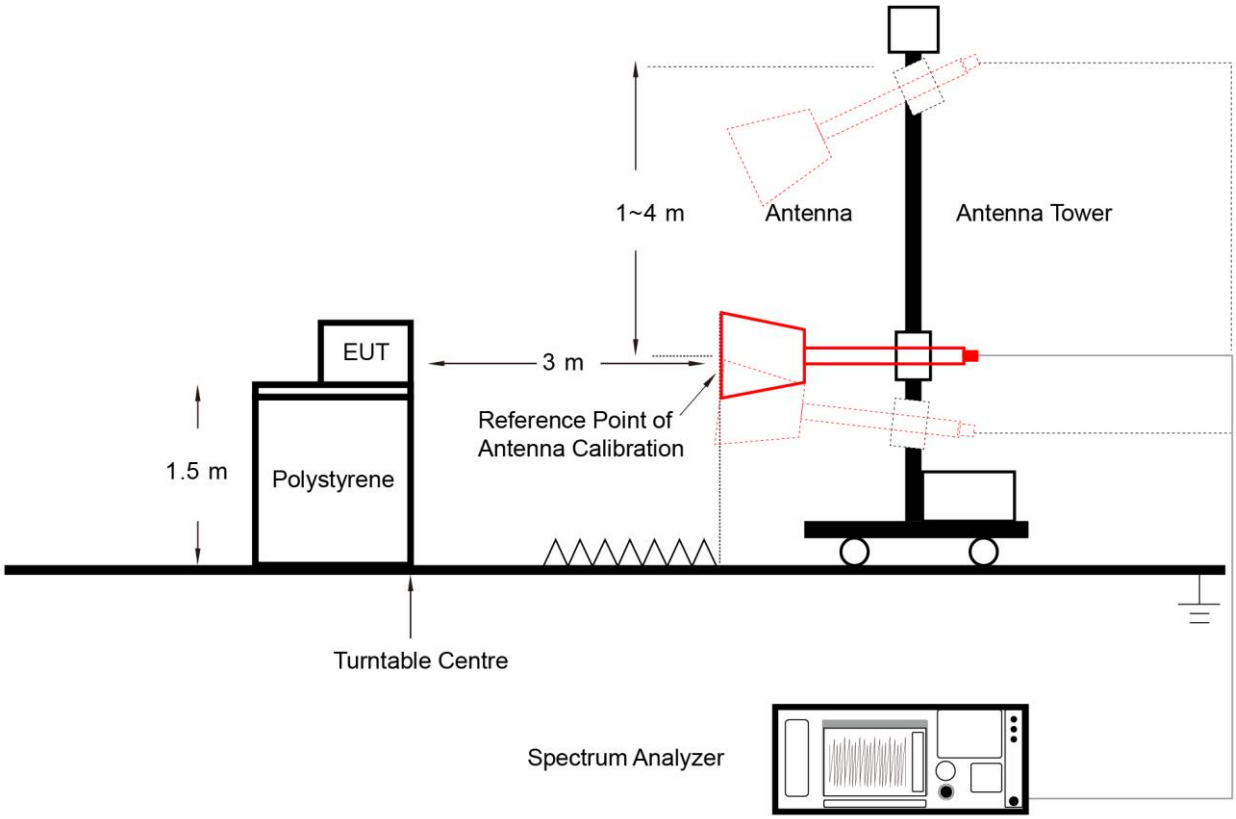
Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Peak
5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; if the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10Hz
4. If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration
5. Detector = Peak
6. Sweep time = Auto
7. Trace mode = Max hold
8. Trace was allowed to stabilize

6.8.4. Test Setup



6.8.5. Test Result

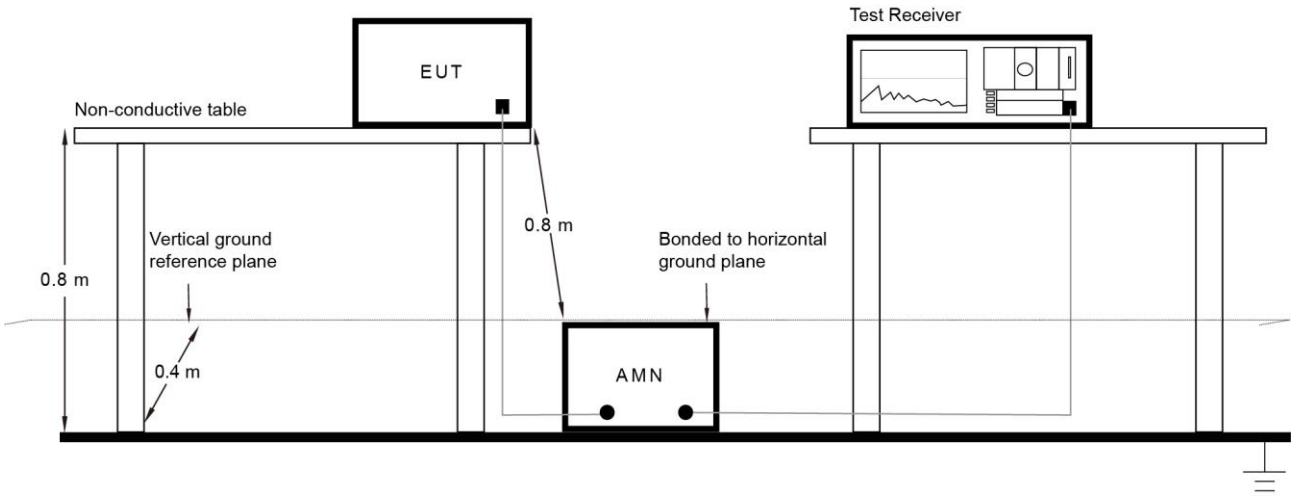
Refer to Appendix A.8.

6.9. AC Conducted Emissions Measurement

6.9.1. Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dBµV)	AV (dBµV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.		

6.9.2. Test Setup



6.9.3. Test Result

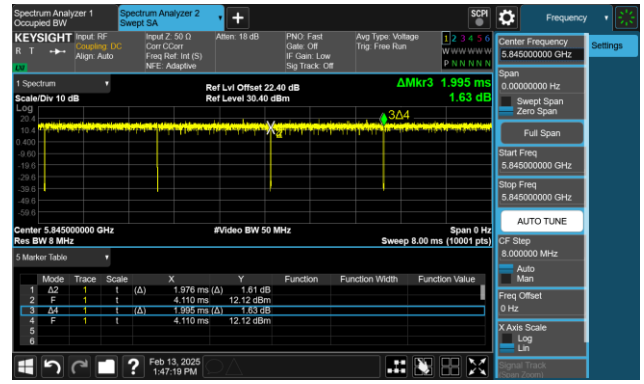
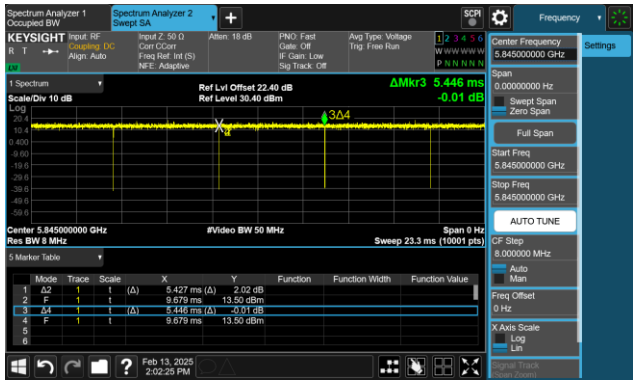
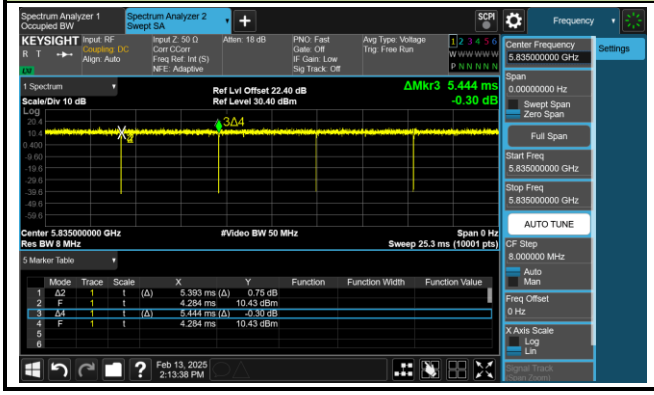
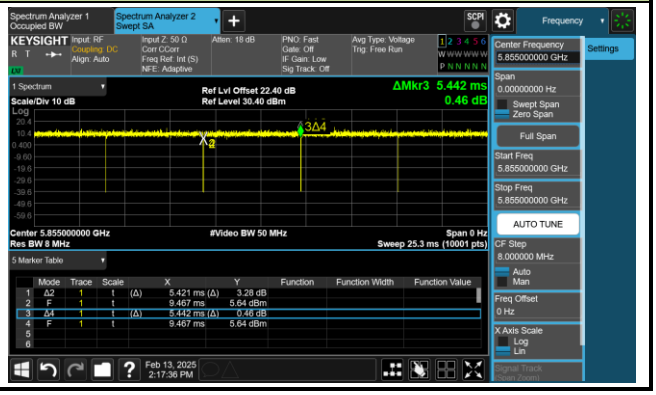
Refer to Appendix A.9.

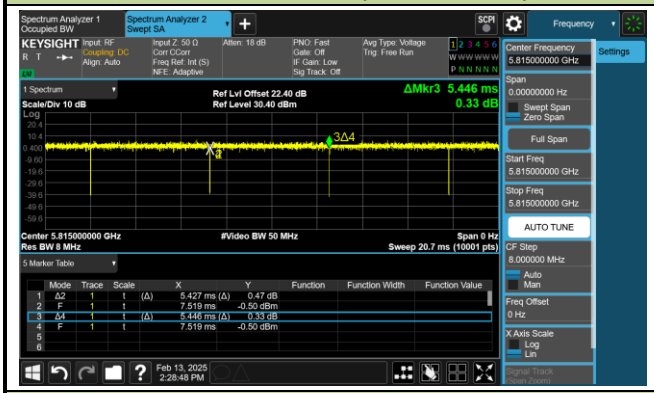
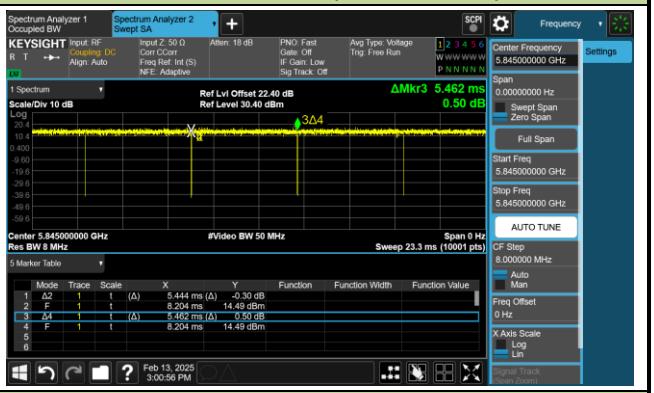
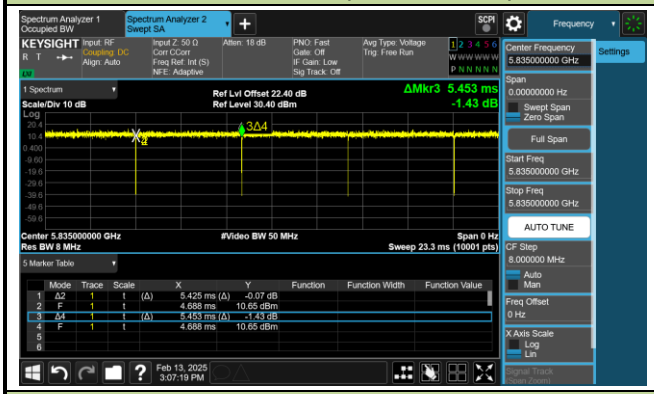
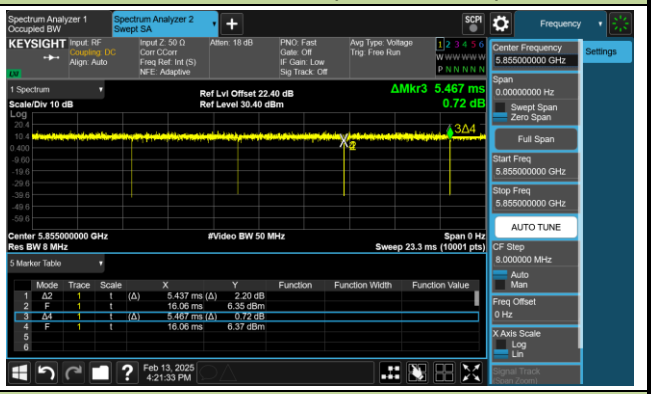
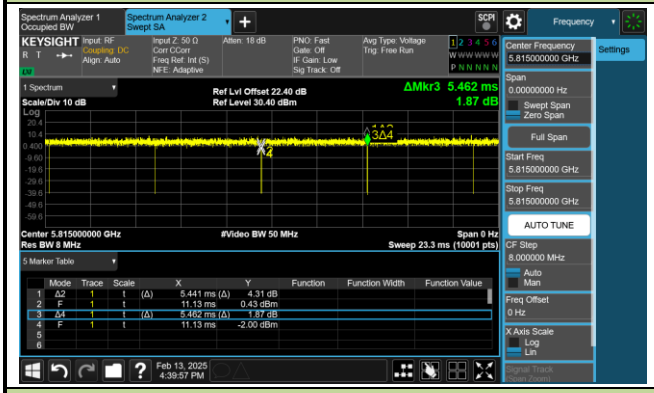
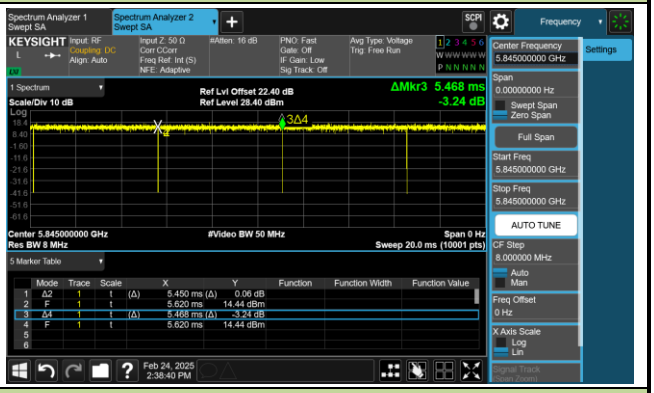
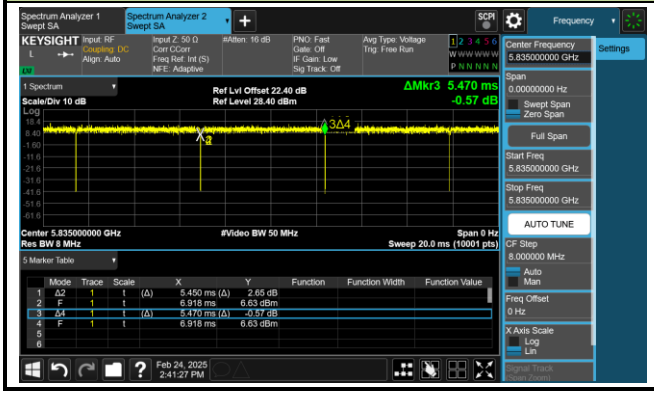
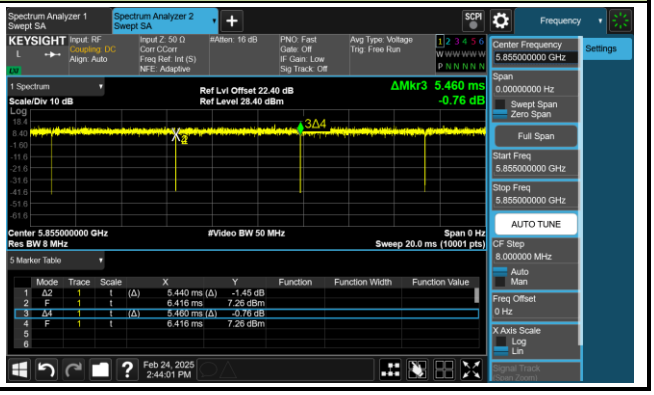
Appendix A – Test Result

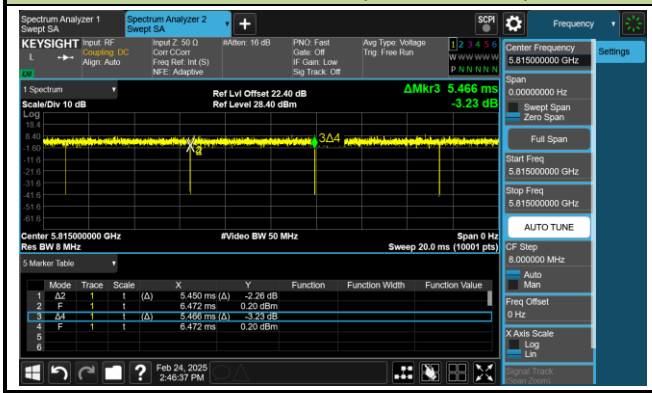
A.1 Duty Cycle Test Result

Test Site	WJ-SR2	Test Engineer	Simon Lu
Test Date	2025-02-13 ~ 2025-02-24		

Test Mode	Duty Cycle	Test Mode	Duty Cycle
802.11a	99.05 %	802.11ax-HE80	99.45 %
802.11ac-VHT20	99.65 %	802.11ax-HE160	99.62 %
802.11ac-VHT40	99.06 %	802.11be-EHT20	99.67 %
802.11ac-VHT80	99.61 %	802.11be-EHT40	99.63 %
802.11ac-VHT160	99.65 %	802.11be-EHT80	99.63 %
802.11ax-HE20	99.67 %	802.11be-EHT160	99.70 %
802.11ax-HE40	99.49 %	--	--

Duty Cycle (T = Transmission Duration)	
802.11a (T = 1.976 ms)	802.11ac-VHT20 (T = 5.427 ms)
	
802.11ac-VHT40 (T = 5.393 ms)	802.11ac-VHT80 (T = 5.421 ms)
	

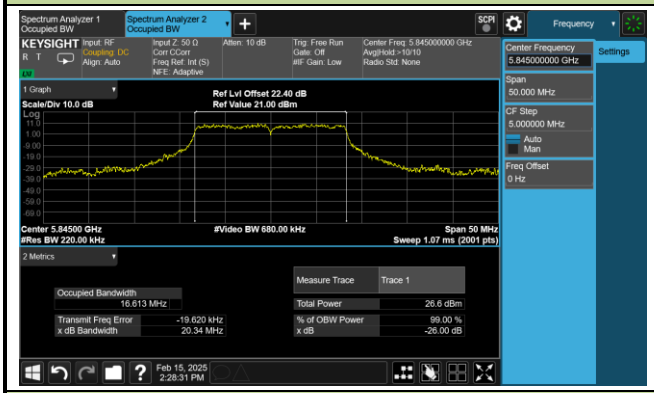
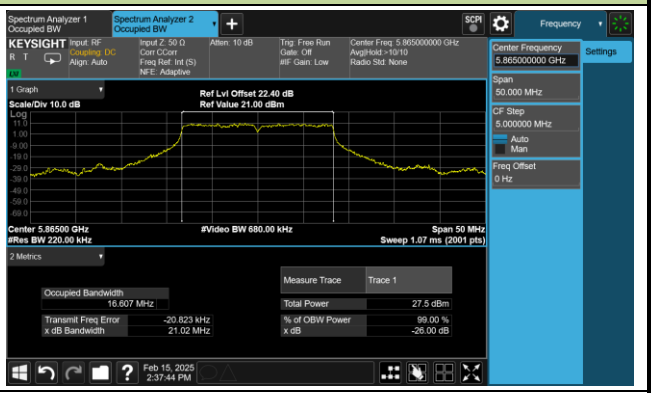
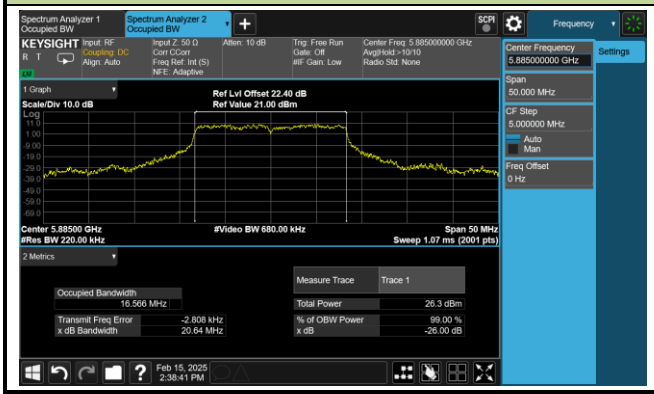
Duty Cycle (T = Transmission Duration)	
802.11ac-VHT160 (T = 5.427 ms)	802.11ax-HE20 (T = 5.444 ms)
	
802.11ax-HE40 (T = 5.425 ms)	802.11ax-HE80 (T = 5.437 ms)
	
802.11ax-HE160 (T = 5.441 ms)	802.11be-EHT20 (T = 5.450 ms)
	
802.11be-EHT40 (T = 5.450 ms)	802.11be-EHT80 (T = 5.440 ms)
	

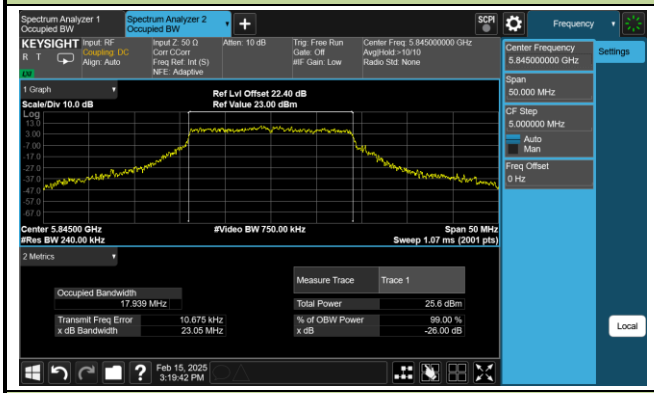
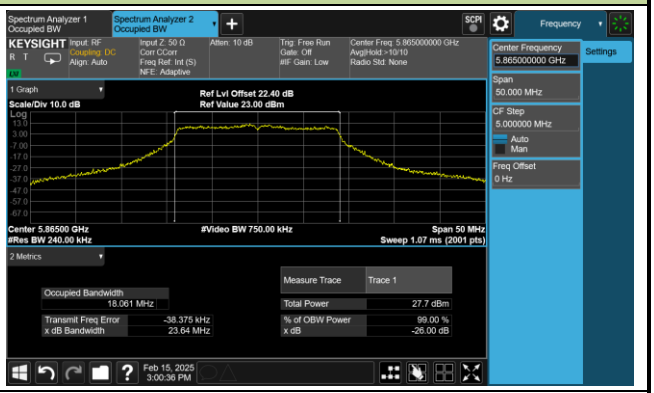
Duty Cycle (T = Transmission Duration)	
802.11be-EHT160 (T = 5.450 ms)	
	

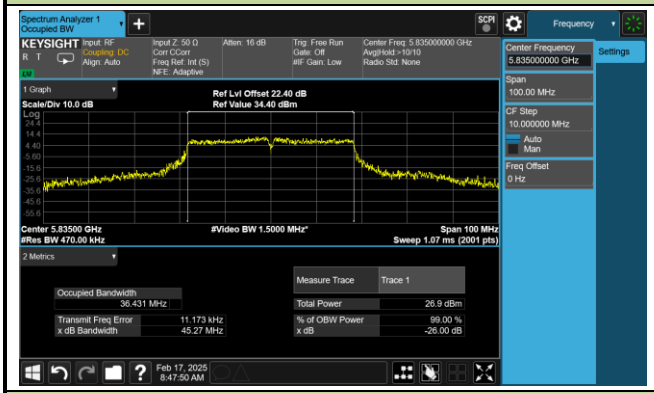
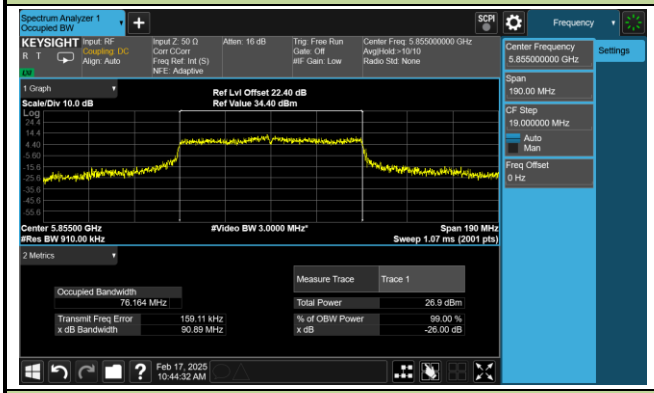
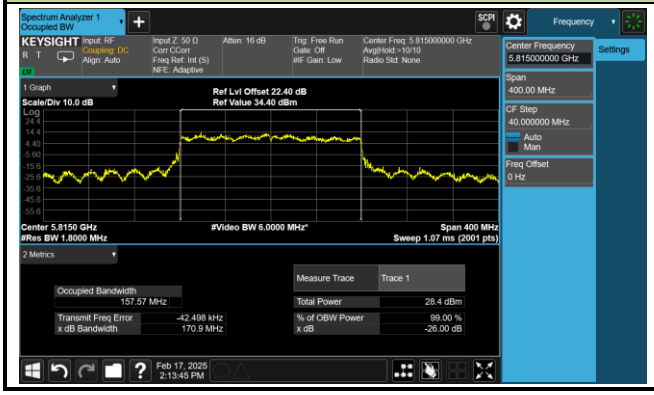
A.2 26dB & 99% Bandwidth Test Result

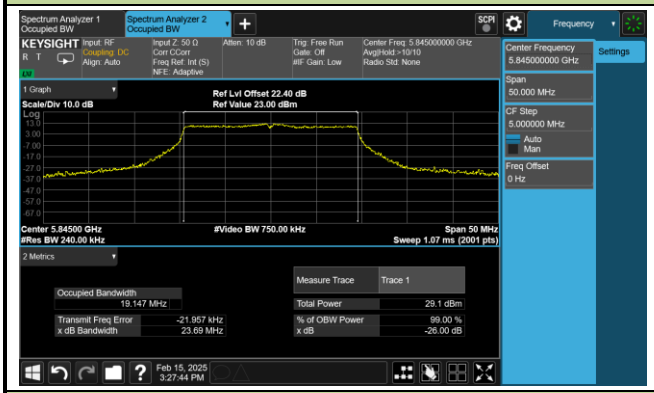
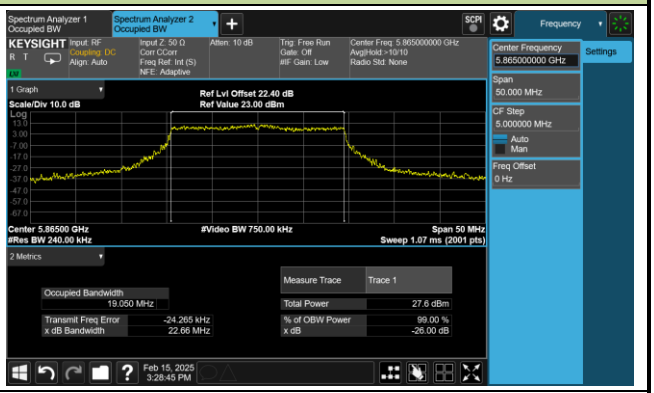
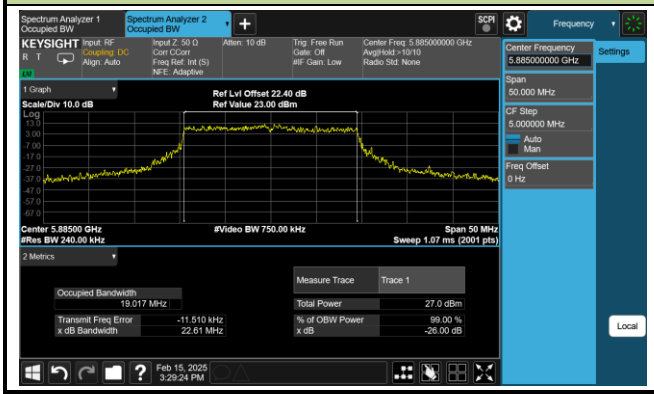
Test Site	WJ-SR2	Test Engineer	Simon Lu
Test Date	2025-02-15 ~ 2025-02-25		

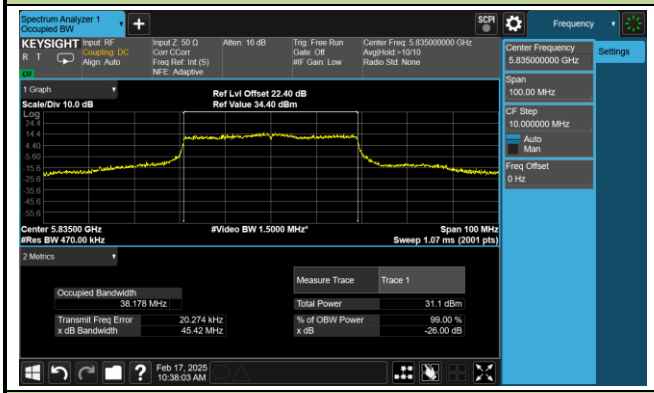
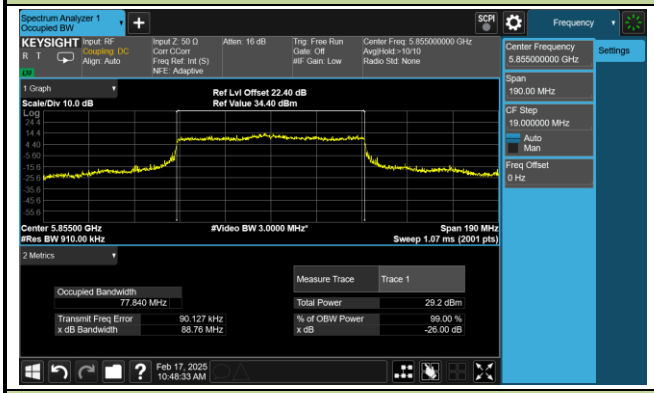
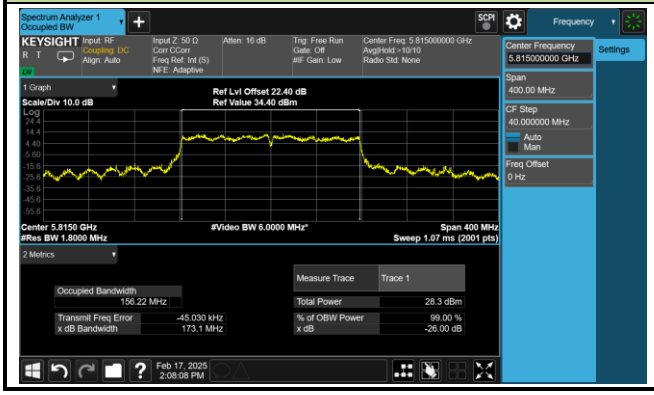
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)
11a	6Mbps	169	5845	16.613	20.34
11a	6Mbps	173	5865	16.607	21.02
11a	6Mbps	177	5885	16.566	20.64
11ac-VHT20	MCS0	169	5845	17.939	23.05
11ac-VHT20	MCS0	173	5865	18.061	23.64
11ac-VHT20	MCS0	177	5885	18.006	23.72
11ac-VHT40	MCS0	167	5835	36.431	45.27
11ac-VHT40	MCS0	175	5875	36.757	46.08
11ac-VHT80	MCS0	171	5855	76.164	90.89
11ac-VHT160	MCS0	163	5815	157.57	170.9
11ax-HE20	MCS0	169	5845	19.147	23.69
11ax-HE20	MCS0	173	5865	19.050	22.66
11ax-HE20	MCS0	177	5885	19.017	22.61
11ax-HE40	MCS0	167	5835	38.178	45.42
11ax-HE40	MCS0	175	5875	38.057	43.57
11ax-HE80	MCS0	171	5855	77.840	88.76
11ax-HE160	MCS0	163	5815	156.22	173.1
11be-EHT20	MCS0	169	5845	19.079	23.01
11be-EHT20	MCS0	173	5865	19.079	22.40
11be-EHT20	MCS0	177	5885	19.128	23.34
11be-EHT40	MCS0	167	5835	38.042	45.38
11be-EHT40	MCS0	175	5875	38.142	44.35
11be-EHT80	MCS0	171	5855	78.065	89.50
11be-EHT160	MCS0	163	5815	156.92	170.8

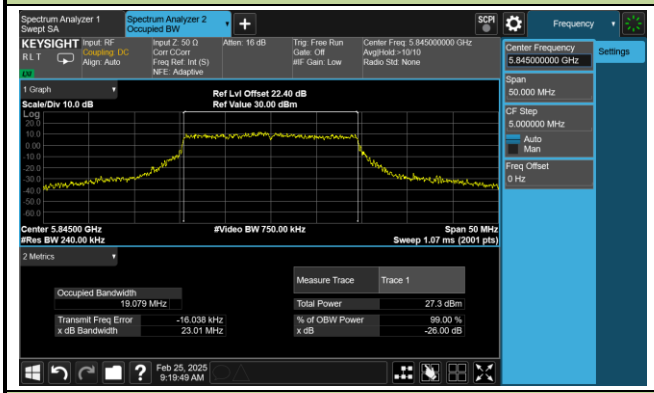
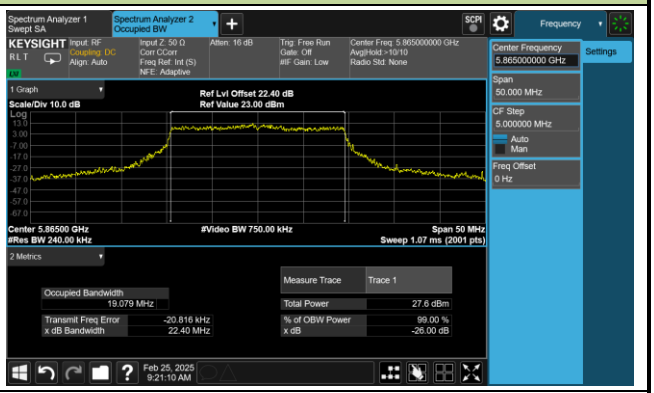
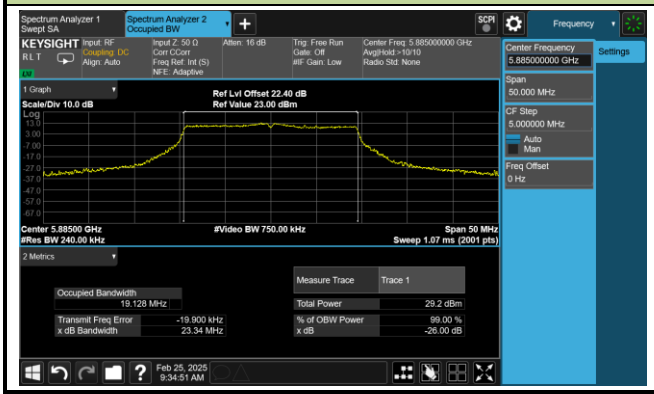
802.11a 26dB Bandwidth & 99% Bandwidth	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

802.11ac-VHT20 26dB Bandwidth & 99% Bandwidth	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

802.11ac-VHT40 26dB Bandwidth & 99% Bandwidth	
Channel 167 (5835MHz)	Channel 175(5875MHz)
	
802.11ac-VHT80 26dB Bandwidth & 99% Bandwidth	
Channel 171 (5855MHz)	
	
802.11ac-VHT160 26dB Bandwidth & 99% Bandwidth	
Channel 163 (5815MHz)	
	

802.11ax-HE20 26dB Bandwidth & 99% Bandwidth	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

802.11ax-HE40 26dB Bandwidth & 99% Bandwidth	
Channel 167 (5835MHz)	Channel 175(5875MHz)
	
802.11ax-HE80 26dB Bandwidth & 99% Bandwidth	
Channel 171 (5855MHz)	
	
802.11ax-HE160 26dB Bandwidth & 99% Bandwidth	
Channel 163 (5815MHz)	
	

802.11be-EHT20 26dB Bandwidth & 99% Bandwidth	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

802.11be-EHT40 26dB Bandwidth & 99% Bandwidth	
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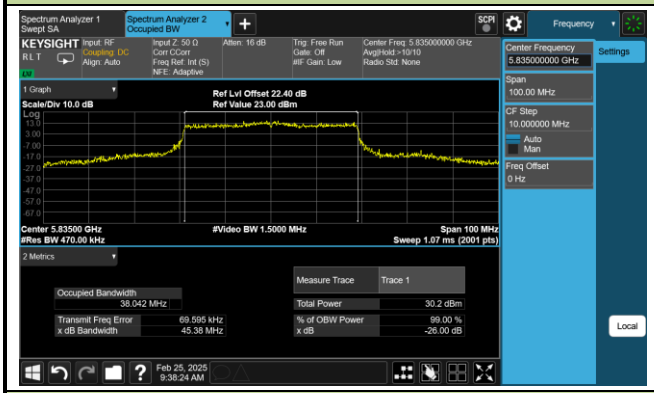
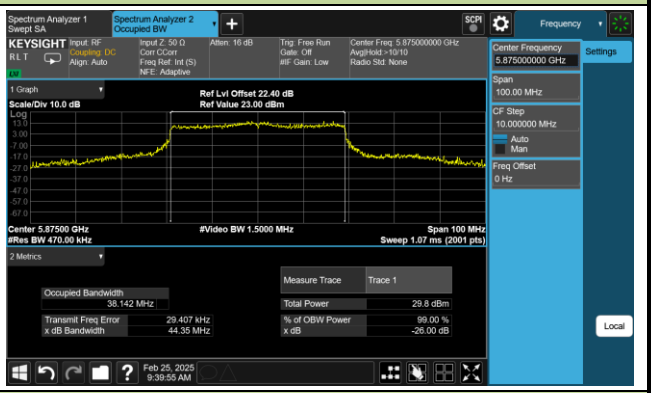
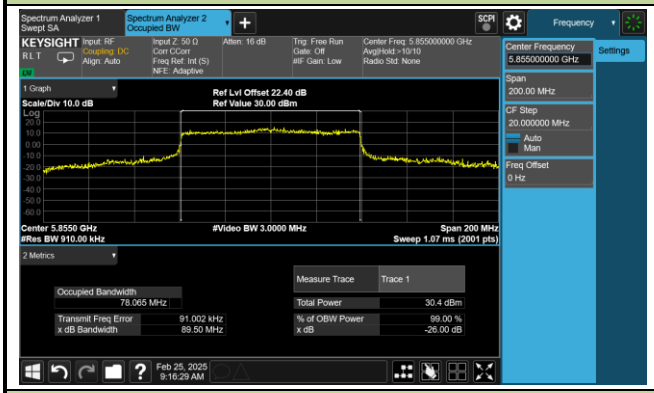
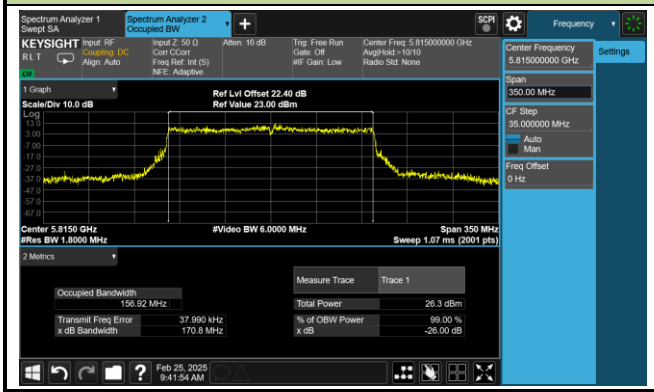
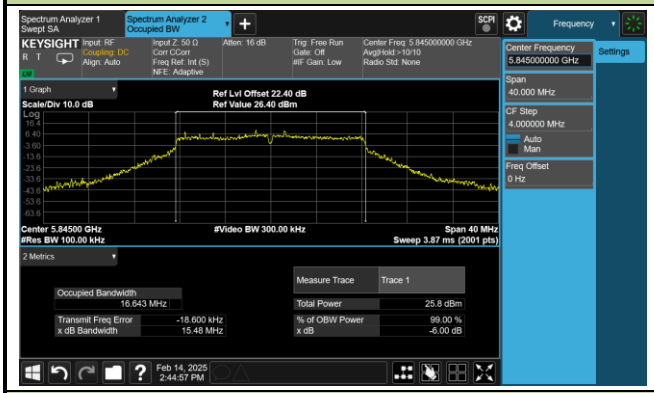
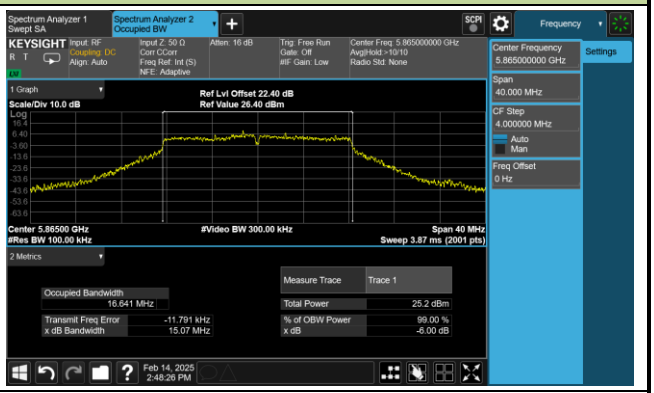
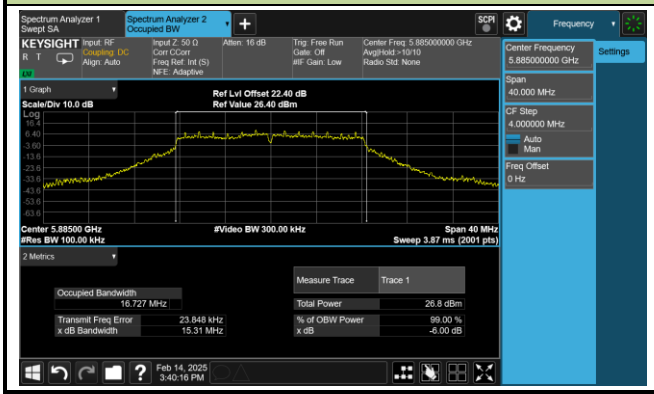
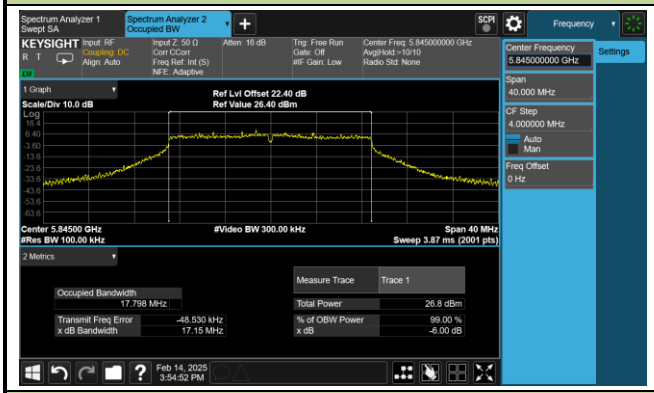
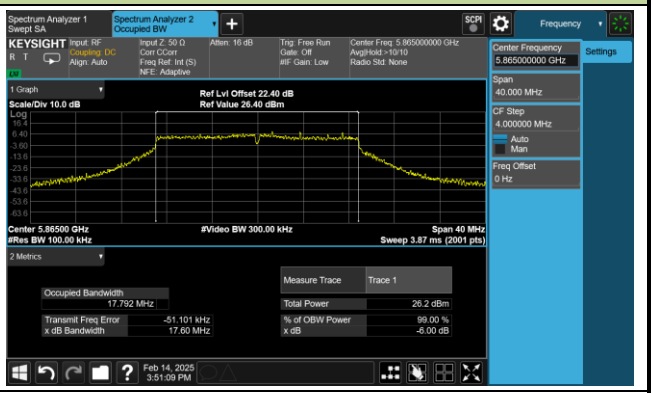
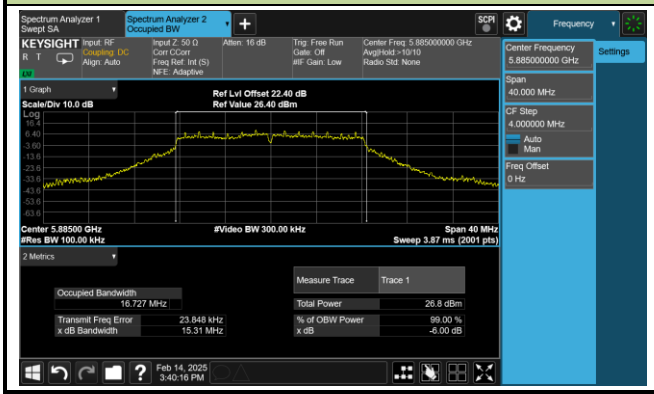
	
802.11be-EHT80 26dB Bandwidth & 99% Bandwidth	
Channel 171 (5855MHz)	
	
802.11be-EHT160 26dB Bandwidth & 99% Bandwidth	
Channel 163 (5815MHz)	
	

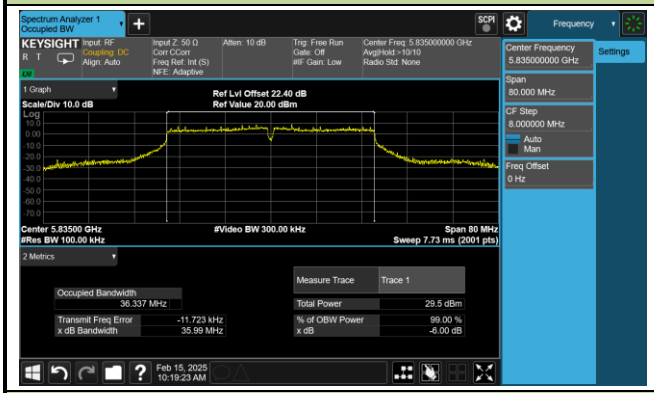
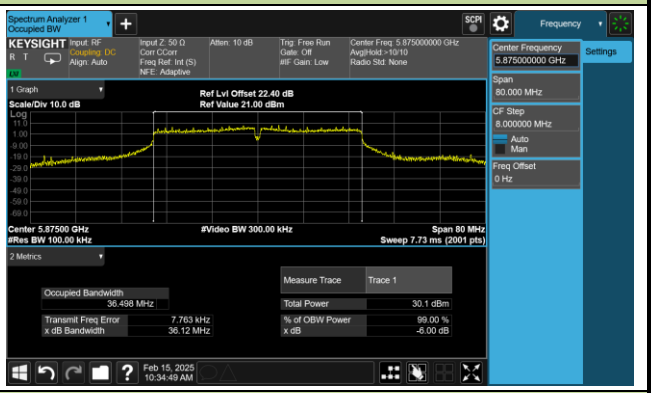
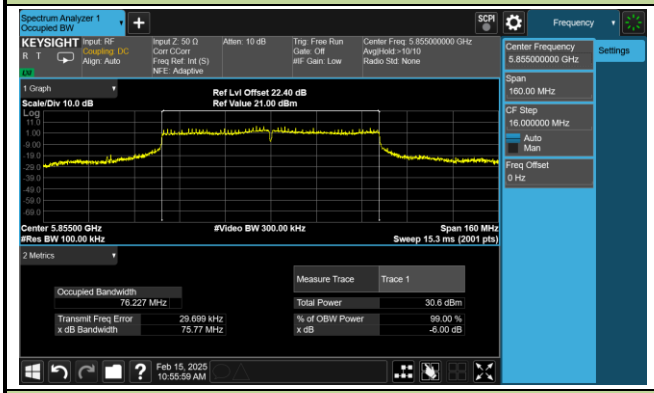
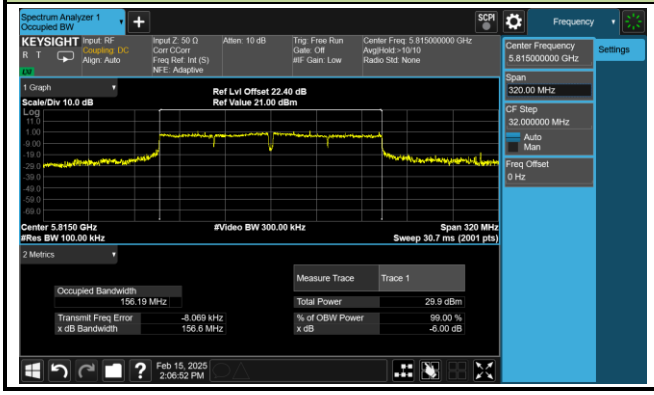
A.3 6dB Bandwidth Test Result

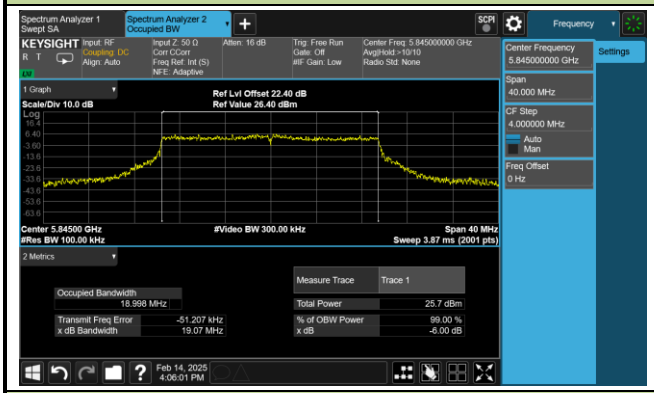
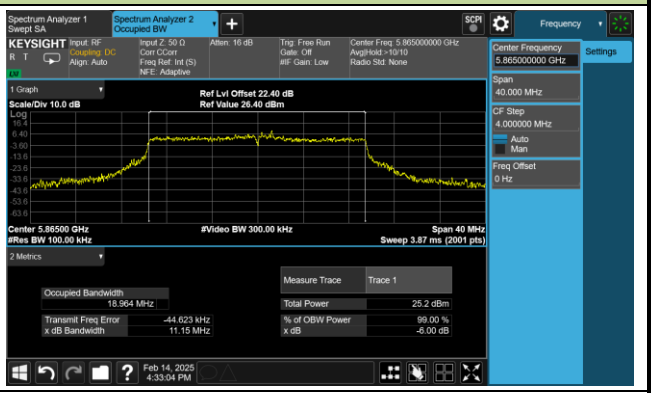
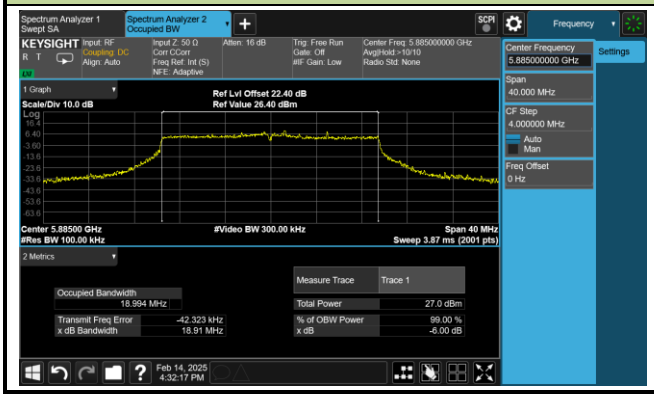
Test Site	WJ-SR2	Test Engineer	Simon Lu
Test Date	2025-02-14 ~ 2025-02-24		

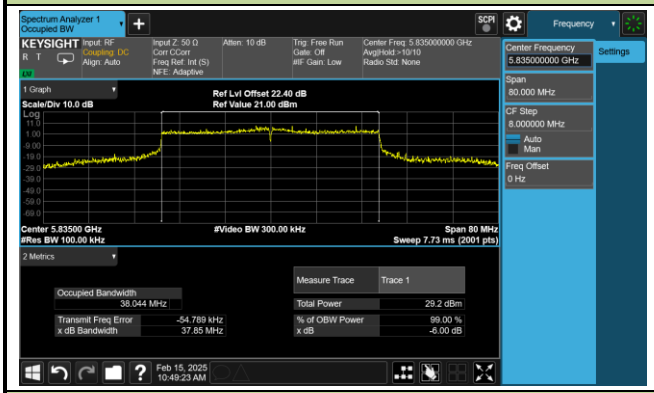
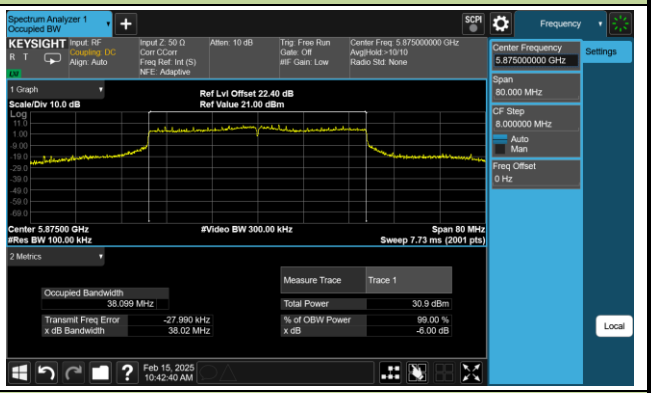
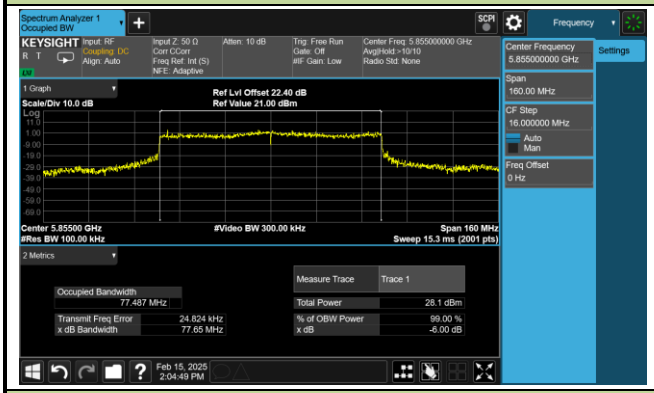
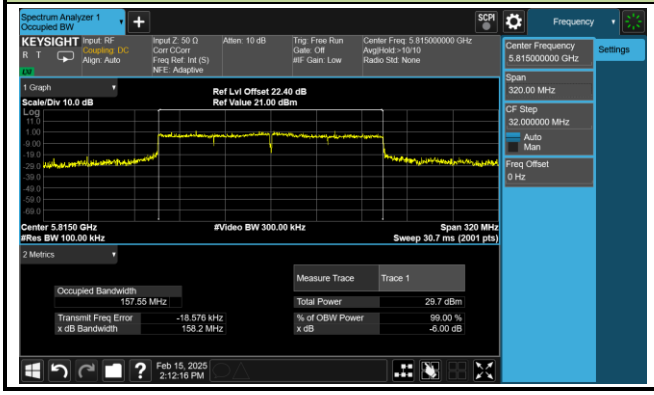
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11a	6Mbps	169	5845	15.48	≥ 0.5
11a	6Mbps	173	5865	15.07	≥ 0.5
11a	6Mbps	177	5885	15.31	≥ 0.5
11ac-VHT20	MCS0	169	5845	17.15	≥ 0.5
11ac-VHT20	MCS0	173	5865	17.60	≥ 0.5
11ac-VHT20	MCS0	177	5885	15.31	≥ 0.5
11ac-VHT40	MCS0	167	5835	35.99	≥ 0.5
11ac-VHT40	MCS0	175	5875	36.12	≥ 0.5
11ac-VHT80	MCS0	171	5855	75.77	≥ 0.5
11ac-VHT160	MCS0	163	5815	156.6	≥ 0.5
11ax-HE20	MCS0	169	5845	19.07	≥ 0.5
11ax-HE20	MCS0	173	5865	11.15	≥ 0.5
11ax-HE20	MCS0	177	5885	18.91	≥ 0.5
11ax-HE40	MCS0	167	5835	37.85	≥ 0.5
11ax-HE40	MCS0	175	5875	38.02	≥ 0.5
11ax-HE80	MCS0	171	5855	77.65	≥ 0.5
11ax-HE160	MCS0	163	5815	158.2	≥ 0.5
11be-EHT20	MCS0	169	5845	19.02	≥ 0.5
11be-EHT20	MCS0	173	5865	18.46	≥ 0.5
11be-EHT20	MCS0	177	5885	19.06	≥ 0.5
11be-EHT40	MCS0	167	5835	38.04	≥ 0.5
11be-EHT40	MCS0	175	5875	38.07	≥ 0.5
11be-EHT80	MCS0	171	5855	77.89	≥ 0.5
11be-EHT160	MCS0	163	5815	158.0	≥ 0.5

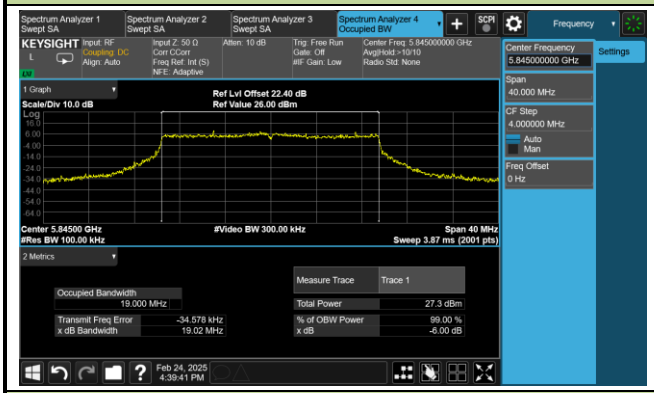
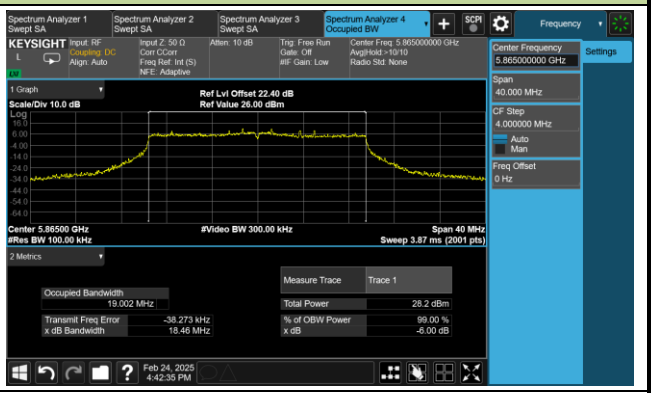
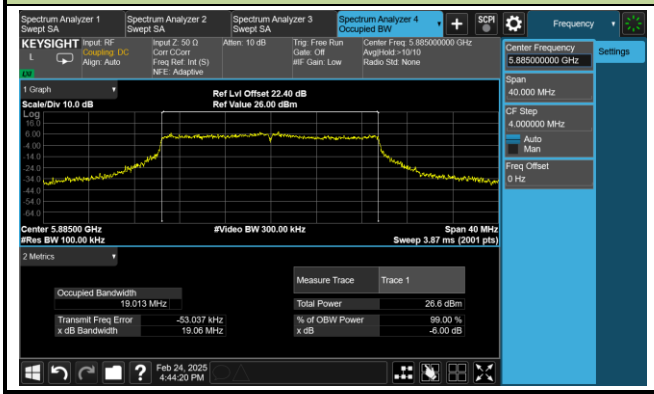
802.11a 6dB Bandwidth	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

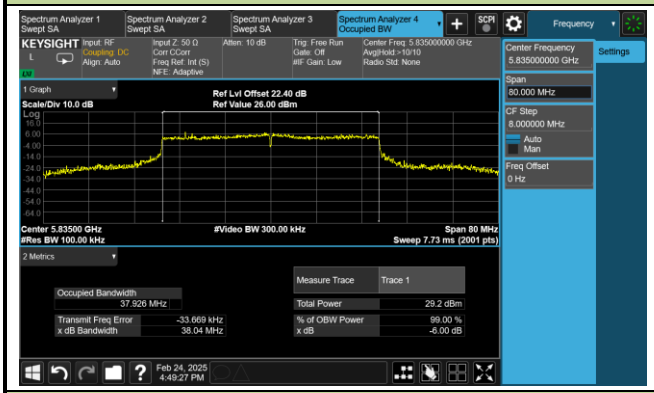
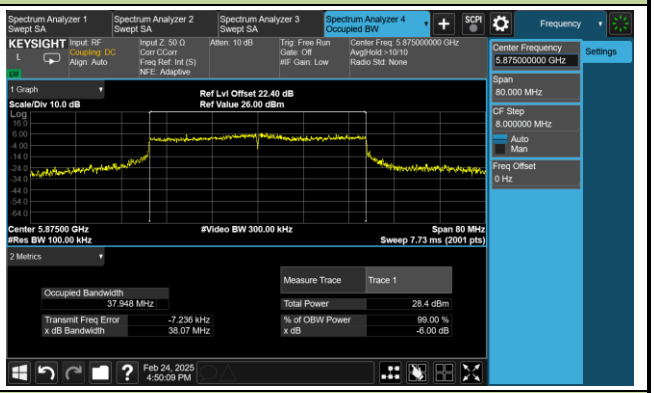
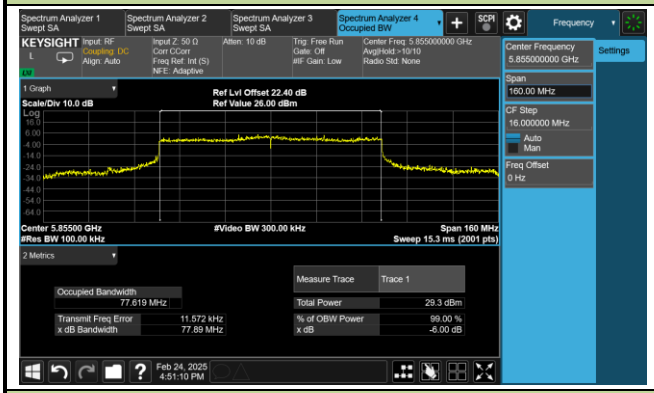
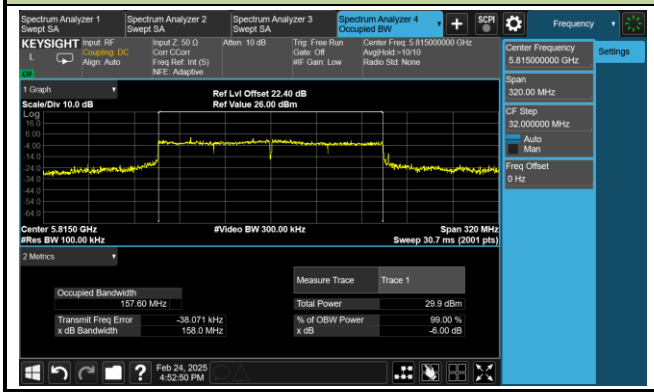
802.11ac-VHT20 6dB Bandwidth	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

802.11ac-VHT40 6dB Bandwidth	
Channel 167 (5835MHz)	Channel 175(5875MHz)
	
802.11ac-VHT80 6dB Bandwidth	
Channel 171 (5855MHz)	
	
802.11ac-VHT160 6dB Bandwidth	
Channel 163 (5815MHz)	
	

802.11ax-HE20 6dB Bandwidth	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

802.11ax-HE40 6dB Bandwidth	
Channel 167 (5835MHz)	Channel 175(5875MHz)
	
802.11ax-HE80 6dB Bandwidth	
Channel 171 (5855MHz)	
	
802.11ax-HE160 6dB Bandwidth	
Channel 163 (5815MHz)	
	

802.11be-EHT20 6dB Bandwidth	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

802.11be-EHT40 6dB Bandwidth	
Channel 167 (5835MHz)	Channel 175(5875MHz)
	
802.11be-EHT80 6dB Bandwidth	
Channel 171 (5855MHz)	
	
802.11be-EHT160 6dB Bandwidth	
Channel 163 (5815MHz)	
	

A.4 Output Power Test Result

Test Site	WJ-SR2	Test Engineer	Simon Lu
Test Date	2025-02-25	Test Mode	CDD Mode

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Antenna Gain (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)
				Ant 0	Ant 1				
11a	6Mbps	169	5845	20.17	19.62	22.91	3.00	25.91	≤ 36.00
11a	6Mbps	173	5865	19.85	19.52	22.70	3.00	25.70	≤ 36.00
11a	6Mbps	177	5885	20.18	19.92	23.06	3.00	26.06	≤ 36.00
11ac-VHT20	MCS0	169	5845	20.61	20.22	23.43	3.00	26.43	≤ 36.00
11ac-VHT20	MCS0	173	5865	20.41	20.11	23.27	3.00	26.27	≤ 36.00
11ac-VHT20	MCS0	177	5885	20.65	20.64	23.66	3.00	26.66	≤ 36.00
11ac-VHT40	MCS0	167	5835	22.63	22.35	25.50	3.00	28.50	≤ 36.00
11ac-VHT40	MCS0	175	5875	22.79	22.87	25.84	3.00	28.84	≤ 36.00
11ac-VHT80	MCS0	171	5855	22.85	22.63	25.75	3.00	28.75	≤ 36.00
11ac-VHT160	MCS0	163	5815	18.92	18.69	21.82	3.00	24.82	≤ 36.00
11ax-HE20	MCS0	169	5845	20.56	20.21	23.40	3.00	26.40	≤ 36.00
11ax-HE20	MCS0	173	5865	20.22	20.19	23.22	3.00	26.22	≤ 36.00
11ax-HE20	MCS0	177	5885	20.81	20.49	23.66	3.00	26.66	≤ 36.00
11ax-HE40	MCS0	167	5835	23.11	22.74	25.94	3.00	28.94	≤ 36.00
11ax-HE40	MCS0	175	5875	22.73	22.68	25.72	3.00	28.72	≤ 36.00
11ax-HE80	MCS0	171	5855	22.78	22.50	25.65	3.00	28.65	≤ 36.00
11ax-HE160	MCS0	163	5815	18.78	18.45	21.63	3.00	24.63	≤ 36.00
11be-EHT20	MCS0	169	5845	20.92	20.99	23.97	3.00	26.97	≤ 36.00
11be-EHT20	MCS0	173	5865	20.92	20.86	23.90	3.00	26.90	≤ 36.00
11be-EHT20	MCS0	177	5885	20.68	20.91	23.81	3.00	26.81	≤ 36.00
11be-EHT40	MCS0	167	5835	22.97	22.72	25.86	3.00	28.86	≤ 36.00
11be-EHT40	MCS0	175	5875	22.50	22.85	25.69	3.00	28.69	≤ 36.00
11be-EHT80	MCS0	171	5855	22.69	23.11	25.92	3.00	28.92	≤ 36.00
11be-EHT160	MCS0	163	5815	19.87	19.33	22.62	3.00	25.62	≤ 36.00

Note 1: Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)} + 10^{(\text{Ant 1 Average Power }/10)}\}$.

Note 2: EIRP Power (dBm) = Total Average Power (dBm) + Antenna Gain (dBi).

Test Site	WJ-SR2	Test Engineer	Simon Lu
Test Date	2025-02-28	Test Mode	Beamforming Mode

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Antenna Gain (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)
				Ant 0	Ant 1				
11a	6Mbps	169	5845	20.17	19.62	22.91	6.01	28.92	≤ 36.00
11a	6Mbps	173	5865	19.85	19.52	22.70	6.01	28.71	≤ 36.00
11a	6Mbps	177	5885	20.18	19.92	23.06	6.01	29.07	≤ 36.00
11ac-VHT20	MCS0	169	5845	20.61	20.22	23.43	6.01	29.44	≤ 36.00
11ac-VHT20	MCS0	173	5865	20.41	20.11	23.27	6.01	29.28	≤ 36.00
11ac-VHT20	MCS0	177	5885	20.65	20.64	23.66	6.01	29.67	≤ 36.00
11ac-VHT40	MCS0	167	5835	22.63	22.35	25.50	6.01	31.51	≤ 36.00
11ac-VHT40	MCS0	175	5875	22.79	22.87	25.84	6.01	31.85	≤ 36.00
11ac-VHT80	MCS0	171	5855	22.85	22.63	25.75	6.01	31.76	≤ 36.00
11ac-VHT160	MCS0	163	5815	18.92	18.69	21.82	6.01	27.83	≤ 36.00
11ax-HE20	MCS0	169	5845	20.56	20.21	23.40	6.01	29.41	≤ 36.00
11ax-HE20	MCS0	173	5865	20.22	20.19	23.22	6.01	29.23	≤ 36.00
11ax-HE20	MCS0	177	5885	20.81	20.49	23.66	6.01	29.67	≤ 36.00
11ax-HE40	MCS0	167	5835	23.11	22.74	25.94	6.01	31.95	≤ 36.00
11ax-HE40	MCS0	175	5875	22.73	22.68	25.72	6.01	31.73	≤ 36.00
11ax-HE80	MCS0	171	5855	22.78	22.50	25.65	6.01	31.66	≤ 36.00
11ax-HE160	MCS0	163	5815	18.78	18.45	21.63	6.01	27.64	≤ 36.00
11be-EHT20	MCS0	169	5845	20.92	20.99	23.97	6.01	29.98	≤ 36.00
11be-EHT20	MCS0	173	5865	20.92	20.86	23.90	6.01	29.91	≤ 36.00
11be-EHT20	MCS0	177	5885	20.68	20.91	23.81	6.01	29.82	≤ 36.00
11be-EHT40	MCS0	167	5835	22.97	22.72	25.86	6.01	31.87	≤ 36.00
11be-EHT40	MCS0	175	5875	22.50	22.85	25.69	6.01	31.70	≤ 36.00
11be-EHT80	MCS0	171	5855	22.69	23.11	25.92	6.01	31.93	≤ 36.00
11be-EHT160	MCS0	163	5815	19.87	19.33	22.62	6.01	28.63	≤ 36.00

Note 1: Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)} + 10^{(\text{Ant 1 Average Power }/10)}\}$.

Note 2: EIRP Power (dBm) = Total Average Power (dBm) + Antenna Gain (dBi).

A.5 Power Spectral Density Test Result

Test Site	WJ-SR2	Test Engineer	Simon Lu
Test Date	2025-02-13 ~ 2025-02-25		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/MHz)		Duty Cycle (%)	Total PSD (dBm/ MHz)	EIRP PSD (dBm/ MHz)	EIRP PSD Limit (dBm/MHz)
				Ant 0	Ant 1				
11a	6Mbps	169	5845	10.397	10.797	99.05	13.612	19.622	≤ 20.00
11a	6Mbps	173	5865	10.451	10.509	99.05	13.490	19.501	≤ 20.00
11a	6Mbps	177	5885	10.875	10.839	99.05	13.867	19.878	≤ 20.00
11ac-VHT20	MCS0	169	5845	10.482	10.578	99.65	13.541	19.551	≤ 20.00
11ac-VHT20	MCS0	173	5865	10.276	10.824	99.65	13.569	19.579	≤ 20.00
11ac-VHT20	MCS0	177	5885	10.535	10.995	99.65	13.781	19.792	≤ 20.00
11ac-VHT40	MCS0	167	5835	10.009	10.604	99.06	13.327	19.337	≤ 20.00
11ac-VHT40	MCS0	175	5875	10.059	10.942	99.06	13.533	19.544	≤ 20.00
11ac-VHT80	MCS0	171	5855	7.276	7.853	99.61	10.584	16.595	≤ 20.00
11ac-VHT160	MCS0	163	5815	0.911	1.906	99.65	4.447	10.458	≤ 20.00
11ax-HE20	MCS0	169	5845	10.154	10.815	99.67	13.507	19.518	≤ 20.00
11ax-HE20	MCS0	173	5865	10.239	10.816	99.67	13.547	19.558	≤ 20.00
11ax-HE20	MCS0	177	5885	10.516	11.014	99.67	13.782	19.793	≤ 20.00
11ax-HE40	MCS0	167	5835	9.886	10.773	99.49	13.362	19.373	≤ 20.00
11ax-HE40	MCS0	175	5875	10.279	10.588	99.49	13.447	19.457	≤ 20.00
11ax-HE80	MCS0	171	5855	7.127	7.791	99.45	10.482	16.492	≤ 20.00
11ax-HE160	MCS0	163	5815	1.095	1.387	99.62	4.254	10.264	≤ 20.00
11be-EHT20	MCS0	169	5845	10.339	11.201	99.67	13.802	19.812	≤ 20.00
11be-EHT20	MCS0	173	5865	10.397	10.904	99.67	13.668	19.678	≤ 20.00
11be-EHT20	MCS0	177	5885	10.184	10.883	99.67	13.558	19.568	≤ 20.00
11be-EHT40	MCS0	167	5835	9.902	10.778	99.63	13.372	19.383	≤ 20.00
11be-EHT40	MCS0	175	5875	9.659	10.606	99.63	13.169	19.179	≤ 20.00
11be-EHT80	MCS0	171	5855	7.323	8.054	99.63	10.714	16.724	≤ 20.00
11be-EHT160	MCS0	163	5815	0.982	1.668	99.70	4.349	10.359	≤ 20.00

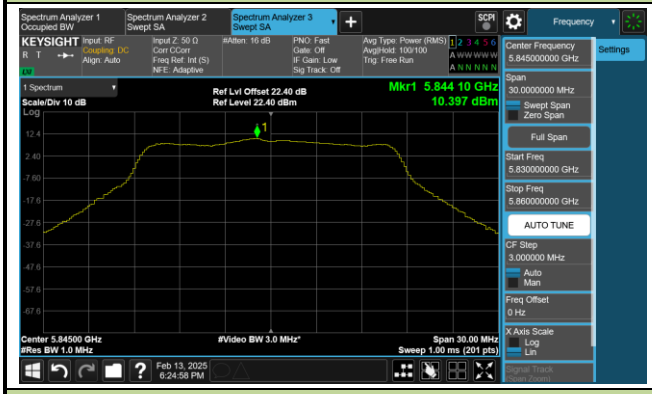
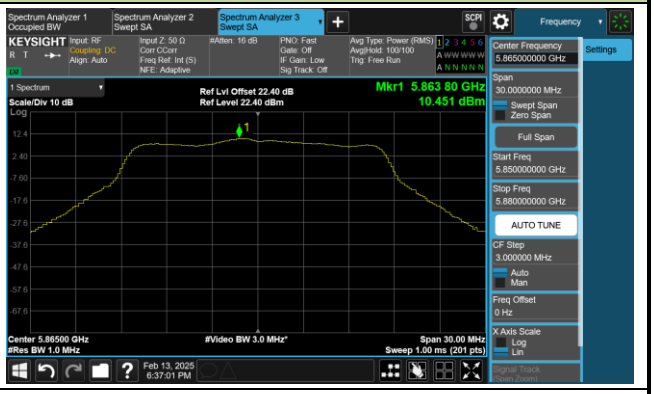
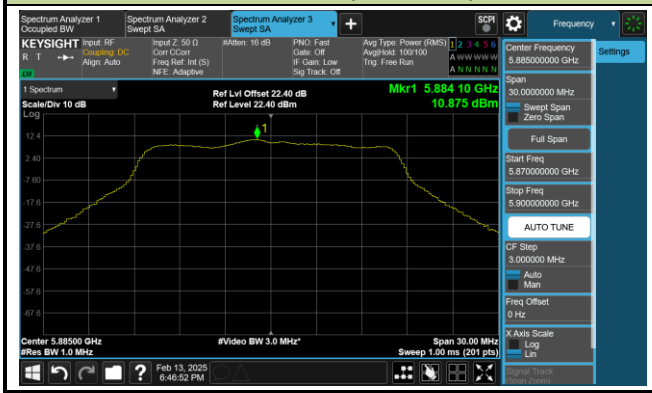
Note 1:

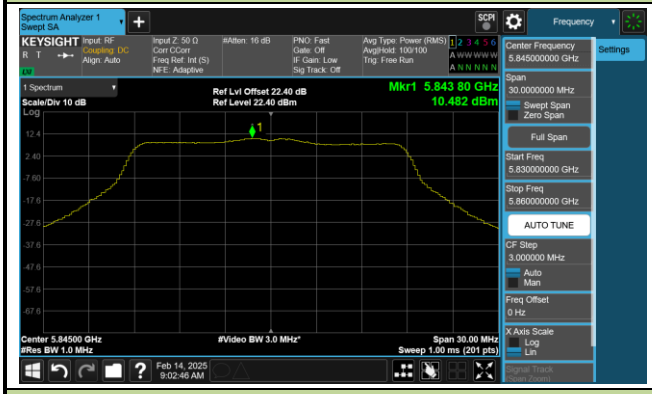
When EUT duty cycle < 98%, the total PSD (dBm/MHz) =10*log $\{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)}\}$ +10*log (1/Duty cycle).

When EUT duty cycle ≥ 98%, the total PSD (dBm/MHz) =10*log $\{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)}\}$.

Note 2: EIRP PSD (dBm/MHz) = Total PSD (dBm/MHz) + Directional Antenna Gain for PSD (dBi).

Note 3: For Channels span the 5.725-5.850 GHz and 5.850-5.895 GHz bands, we record the maximum level of 5.725-5.850 GHz and 5.850-5.895 GHz with RBW=1MHz, and the level complied with the 5.850-5.895 GHz EIRP PSD Limit.

802.11a Power Spectral Density - Ant 0	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)	
	

802.11ac-VHT20 Power Spectral Density - Ant 0	
Channel 169 (5845MHz)	Channel 173 (5865MHz)
	
Channel 177 (5885MHz)