



RF MEASUREMENT REPORT

FCC ID: HD5-CK62X00

Applicant: Honeywell International Inc
Honeywell Safety and Productivity Solutions

Product: Mobile Computer

Model No.: CK62H00

Brand Name: Honeywell

FCC Classification: 15E 6GHz Low Power Indoor Client (6XD)

FCC Rule Part(s): Part 15 Subpart E (Section 15.407) Clause 15.407(a)(8)
& 15.407(d)(6) & 15.407(b)(6) & 15.205, 15.209,
15.407(b)(8), (9), (10)

Result: Complies

Received Date: 2024-06-04

Test Date: 2024-07-09 ~ 2025-10-29

Reviewed By: 

Ada Zhang

Approved By: 

Robin Wu



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report. Testing was performed in accordance with the applicable measurement procedures. The test results reported herein apply only to the specific item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
R25S1042095-U205	V01	Initial Report	2025-11-12	Valid

Note: This report is a FCC Class II Permissive Change report based on the original report “2406RSU006-U6”.

The product has been updated to include a handheld version, incorporating the following modifications:

1. Replacement of the standard back cover with an integrated pistol grip cover.
2. Minor modifications to the antennas.

Relevant test specifications are provided in Section 6.1.

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1. General Information

1.1. Applicant

Honeywell International Inc

Honeywell Safety and Productivity Solutions

9680 Old Bailes Rd. Fort Mill, SC 29707 United States

1.2. Manufacturer

Honeywell International Inc

Honeywell Safety and Productivity Solutions

9680 Old Bailes Rd. Fort Mill, SC 29707 United States

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 FCC: CN1166
	CNAS: L10551 ISED: CN0001
☐	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 FCC: CN1284
	CNAS: L10551 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 Name	Mobile Computer
Model No.	CK62H00
Brand Name	Honeywell
EUT Identification No.	20240604Sample#11 (Conducted) 251017S#02 (Radiated) 251017S#03 (Conducted)
Wi-Fi Specification	802.11a/b/g/n/ac/ax
Bluetooth Specification	V5.3 dual mode
Antenna Information	Refer to Section 1.7
Power Type	By Battery
Accessory	
Rechargeable Li-ion Battery	Model No.: CK65-BTSC Nominal Voltage: 3.6 V Rated Capacity: 6800 mAh Nominal Capacity: 7000 mAh/25.2 Wh
Note: The information of the EUT (Equipment Under Test) was provided by the manufacturer. The accuracy, completeness, and validity of the information are solely the responsibility of the manufacturer.	

1.5. Radio Specification under Test

Frequency Range	UNII-5: 5925 ~ 6425 MHz UNII-6: 6425 ~ 6525 MHz UNII-7: 6525 ~ 6875 MHz UNII-8: 6875 ~ 7125 MHz	
Type of Modulation	802.11ax: OFDMA	
Data Rate	802.11ax: up to 2402 Mbps	
Channel Puncturing Function	☐ Supported	☒ Unsupported
Support RU	☒ Full RU	☒ Partial RU

1.6. Working Frequencies

802.11ax-HE20

Channel	Frequency	Channel	Frequency	Channel	Frequency
1	5955 MHz	5	5975 MHz	9	5995 MHz
13	6015 MHz	17	6035 MHz	21	6055 MHz
25	6075 MHz	29	6095 MHz	33	6115 MHz
37	6135 MHz	41	6155 MHz	45	6175 MHz
49	6195 MHz	53	6215 MHz	57	6235 MHz
61	6255 MHz	65	6275 MHz	69	6295 MHz
73	6315 MHz	77	6335 MHz	81	6355 MHz
85	6375 MHz	89	6395 MHz	93	6415 MHz
97	6435 MHz	101	6455 MHz	105	6475 MHz
109	6495 MHz	113	6515 MHz	117	6535 MHz
121	6555 MHz	125	6575 MHz	129	6595 MHz
133	6615 MHz	137	6635 MHz	141	6655 MHz
145	6675 MHz	149	6695 MHz	153	6715 MHz
157	6735 MHz	161	6755 MHz	165	6775 MHz
169	6795 MHz	173	6815 MHz	177	6835 MHz
181	6855 MHz	185	6875 MHz	189	6895 MHz
193	6915 MHz	197	6935 MHz	201	6955 MHz
205	6975 MHz	209	6995 MHz	213	7015 MHz
217	7035 MHz	221	7055 MHz	225	7075 MHz
229	7095 MHz	233	7115 MHz	--	--

802.11ax-HE40

Channel	Frequency	Channel	Frequency	Channel	Frequency
3	5965 MHz	11	6005 MHz	19	6045 MHz
27	6085 MHz	35	6125 MHz	43	6165 MHz
51	6205 MHz	59	6245 MHz	67	6285 MHz
75	6325 MHz	83	6365 MHz	91	6405 MHz
99	6445 MHz	107	6485 MHz	115	6525 MHz
123	6565 MHz	131	6605 MHz	139	6645 MHz
147	6685 MHz	155	6725 MHz	163	6765 MHz
171	6805 MHz	179	6845 MHz	187	6885 MHz
195	6925 MHz	203	6965 MHz	211	7005 MHz
219	7045 MHz	227	7085 MHz		--

802.11ax-HE80

Channel	Frequency	Channel	Frequency	Channel	Frequency
7	5985 MHz	23	6065 MHz	39	6145 MHz
55	6225 MHz	71	6305 MHz	87	6385 MHz
103	6465 MHz	119	6545 MHz	135	6625 MHz
151	6705 MHz	167	6785 MHz	183	6865 MHz
199	6945 MHz	215	7025 MHz		--

802.11ax-HE160

Channel	Frequency	Channel	Frequency	Channel	Frequency
15	6025 MHz	47	6185 MHz	79	6345 MHz
111	6505 MHz	143	6665 MHz	175	6825 MHz
207	6985 MHz	--	--		--

1.7. Antenna Details

Antenna Type	Frequency Band (MHz)	Antenna Gain (dBi)		Directional Gain (dBi)	
		Ant 2	Ant 3	Uncorrelated (For Power)	Correlated (For PSD)
Wi-Fi Antennas					
PIFA	2400 ~ 2500	2.55	2.28	2.55	5.56
	5150 ~ 5350	4.00	2.41	4.00	7.01
	5470 ~ 5725	4.16	3.97	4.16	7.17
	5725 ~ 5850	4.99	3.49	4.99	8.00
	5925 ~ 6425	5.88	2.50	5.88	8.89
	6425 ~ 6525	2.55	1.80	2.55	5.56
	6525 ~ 6875	1.46	2.14	2.14	5.15
	6875 ~ 7125	1.46	3.02	3.02	6.03

Note:

The EUT supports Cyclic Delay Diversity (CDD) mode, For CDD transmissions, 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,

$$\text{Array Gain} = 10 \log (N_{ANT/NSS}) \text{ dB};$$

- For power measurements on IEEE 802.11 devices,

$$\text{Array Gain} = 0 \text{ dB for } N_{ANT} \leq 4;$$

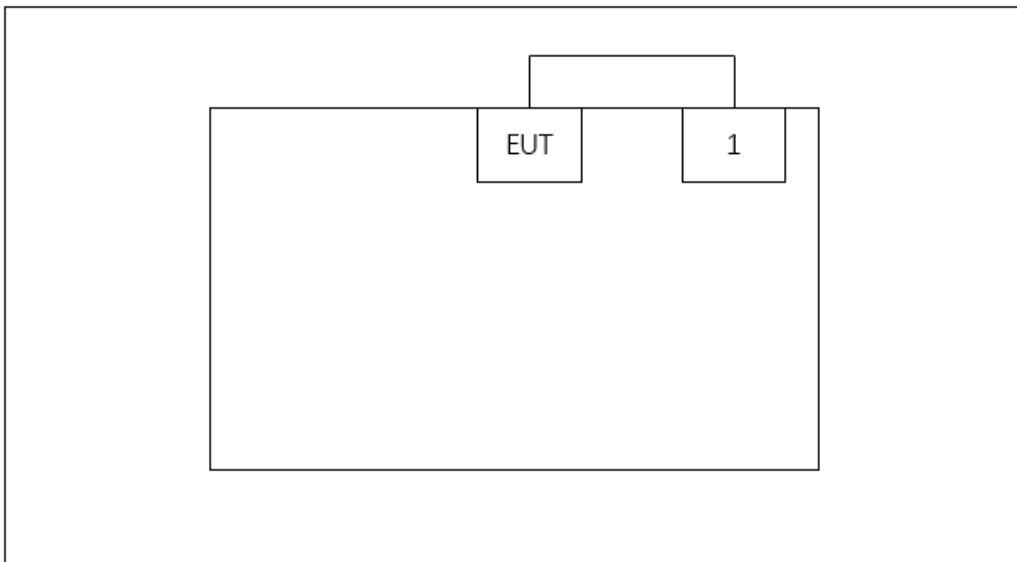
2. Test Configuration

2.1. Test Mode

Mode 1: Transmit by 802.11ax-HE20_Nss=1 (MCS0)
Mode 2: Transmit by 802.11ax-HE40_Nss=1 (MCS0)
Mode 3: Transmit by 802.11ax-HE80_Nss=1 (MCS0)
Mode 4: Transmit by 802.11ax-HE160_Nss=1 (MCS0)
Notes:
1. All modes of operation and data rates were investigated, so all RF test requirements shall be executed at the worst data rate.
2. For CDD mode, this device supports 2 NSS and power level is the same of spatial multiplexing. The worst case is Nss=1.
3. the EUT supports 26/52/106/242/484/996/2*996-tone RU, the PSD of the partial RU has been minimized to be less than full RU.
4. The 242-tone RU is covered by 20 MHz channel, 484-tone RU is covered by 40 MHz channel, 996-tone RU is covered by 80 MHz channel and 2*996-tone RU is covered by 160 MHz channel.

2.2. Test System Connection Diagram

The device was tested per the guidance ANSI C63.10: 2020 was used to reference the appropriate EUT setup for radiated emissions testing.

Connection Diagram			
 <pre> graph TD EUT[EUT] --- Bus 1[1] --- Bus style Bus fill:none,stroke:none </pre>			
Product	Manufacturer		Model No.
1	Notebook	Dell	Latitude 5491

2.3. Test Software

The test utility software used during testing was “QRCT”, and the version was 4.0.211.0.

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:

- ANSI C63.10-2020
- ANSI C63.10-2020/Cor1-2023
- ANSI C63.10a-2024
- FCC KDB 789033 D02 v02r01
- FCC KDB 987594 D02 v03
- FCC KDB 987594 D04 v03
- FCC KDB 662911 D01 v02r01

2.5. Test Environment Condition

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

3. Antenna Requirements

Excerpt from §15.203 of the FCC Rules/Regulations:

“An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can 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.”

- The antenna of the device is **permanently attached**.
- There are no provisions for connection to an external antenna.

Conclusion:

The unit complies with the requirement of §15.203.

4. Measuring Instrument

Instrument of original tests

Instrument	Manufacturer	Model No.	Asset No.	Cali. Interval	Cali. Due Date	Test Site
USB Power Sensor	Keysight	U2021XA	MRTSUE06446	1 year	2025-05-08	WZ-SR5
Signal Analyzer	Agilent	N9020A	MRTSUE06106	1 year	2025-02-03	WZ-SR5
Thermohygrometer	testo	608-H1	MRTSUE06402	1 year	2025-05-12	WZ-SR5
Shielding Room	HUAMING	WZ-SR5	MRTSUE06442	N/A	N/A	WZ-SR5
Signal Analyzer	Keysight	N9010B	MRTSUE06457	1 year	2025-05-08	WZ-SR5
Signal Generator	Keysight	N5182B	MRTSUE06451	1 year	2025-06-03	WZ-SR5
Frequency extender for EXG or MXG	Keysight	N5182BX07	MRTSUE06984	1 year	2025-02-03	WZ-SR5

Software	Version	Function
BenchVue Power Meter	2018.1	Power

Instrument of new tests

Instrument	Manufacturer	Model No.	Asset No.	Cali. Interval	Cali. Due Date	Test Site
TRILOG Antenna	Schwarzbeck	VULB 9162	MRTSUE06022	1 year	2026-03-22	WZ-AC2
EMI Test Receiver	Agilent	N9038A	MRTSUE06125	1 year	2026-04-26	WZ-AC2
Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06171	1 year	2026-09-12	WZ-AC2
Preamplifier	Schwarzbeck	BBV 9718	MRTSUE06176	1 year	2026-03-18	WZ-AC2
Anechoic Chamber	RIKEN	WZ-AC2	MRTSUE06213	1 year	2026-04-17	WZ-AC2
Thermohygrometer	testo	608-H1	MRTSUE11263	1 year	2026-10-08	WZ-AC2
Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06597	1 year	2025-11-03	WZ-AC2
Preamplifier	EMCI	EMC184045SE	MRTSUE06640	1 year	2026-01-09	WZ-AC2
EMI Test Receiver	R&S	ESR7	MRTSUE06001	1 year	2025-12-05	WZ-AC1
TRILOG Antenna	Schwarzbeck	VULB 9168	MRTSUE06172	1 year	2026-05-11	WZ-AC1
Anechoic Chamber	TDK	WZ-AC1	MRTSUE06212	1 year	2026-04-17	WZ-AC1
Loop Antenna	Schwarzbeck	FMZB 1519 B	MRTSUE06937	1 year	2026-01-04	WZ-AC1
Thermohygrometer	testo	608-H1	MRTSUE11039	1 year	2026-10-08	WZ-AC1
Thermohygrometer	testo	608-H1	MRTSUE06402	1 year	2026-04-24	WZ-SR5
Shielding Room	HUAMING	WZ-SR5	MRTSUE06442	N/A	N/A	WZ-SR5
Signal Analyzer	Keysight	N9010B	MRTSUE06457	1 year	2026-04-26	WZ-SR5
Signal Generator	Keysight	N5182B	MRTSUE06451	1 year	2026-09-28	WZ-SR5
Frequency extender for EXG or MXG	Keysight	N5182BX07	MRTSUE06984	1 year	2026-01-21	WZ-SR5
Signal Analyzer	Agilent	N9020A	MRTSUE06106	1 year	2026-03-31	WZ-SR5
Attenuator	MVE	MVE2213	MRTSUE11094	1 year	2026-06-02	WZ-SR5
RF Cable	UCwave	UCE500	MRTSUE07371	1 year	2026-07-20	WZ-SR5

Software	Version	Function
e3	230711	RE & CE
Controller_MF 7802	2.03C	RE Antenna & Turntable
Controller_MF 7802	1.02	RE Antenna & Turntable

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 $k = 2$.

Radiated Emission Measurement	
The maximum measurement uncertainty is evaluated as:	
Coaxial:	9 kHz ~ 30 MHz: 2.35 dB
Coplanar:	9 kHz ~ 30 MHz: 2.37 dB
Horizontal:	30 MHz ~ 200 MHz: 3.47 dB
	200 MHz ~ 1 GHz: 4.17 dB
	1 GHz ~ 40 GHz: 4.97 dB
Vertical:	30 MHz ~ 200 MHz: 4.07 dB
	200 MHz ~ 1 GHz: 5.28 dB
	1 GHz ~ 40 GHz: 4.84 dB
Output Power	
Measuring Uncertainty for a Level of Confidence of 95% ($U=2 U_c(y)$): 1.5 dB	
Power Spectrum Density	
Measuring Uncertainty for a Level of Confidence of 95% ($U=2 U_c(y)$): 2.5 dB	

6. Test Result

6.1. Summary

FCC Section(s)	Test Description	Test Condition	Verdict
15.407(a)(8)	Maximum Equivalent Isotropically Radiated Power (EIRP)	Conducted	Pass
15.407(a)(8)	Maximum Power Spectral Density (EIRP)		Pass
15.407(d)(6)	Contention-Based Protocol		Pass
15.407(b)(6)	Unwanted Emissions	Radiated	Pass
15.205, 15.209 15.407(b)(8), (9), (10)	General Field Strength (Restricted Bands and Radiated Emission)		Pass

Notes:

1. The analyzer plots shown in this section were captured using a correction table to account for cable and attenuator losses in the system connecting the EUT to the analyzer across relevant frequencies.
2. To address the product modifications, the following tests were updated: the Maximum Equivalent Isotropically Radiated Power (EIRP) and Maximum Power Spectral Density (EIRP) were re-calculated with the new antenna gain; the Contention-Based Protocol test was re-executed; and worst-case spot checks were performed for Unwanted Emissions and General Field Strength (Restricted Bands and Radiated Emissions).

6.2. Output Power Measurement

6.2.1. Test Limit

For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.

For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

6.2.2. Test Procedure

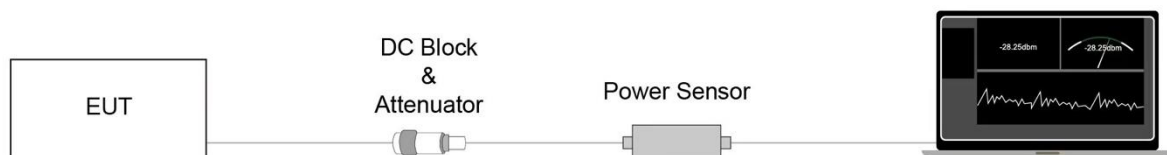
KDB 789033 D02 v02r01- Section II(E)3)b) Method PM-G

6.2.3. 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.

6.2.4. Test Setup



6.2.5. Test Result

Refer to Appendix A.1.

6.3. Power Spectral Density Measurement

6.3.1. Test Limit

For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band.

For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band.

6.3.2. Test Procedure

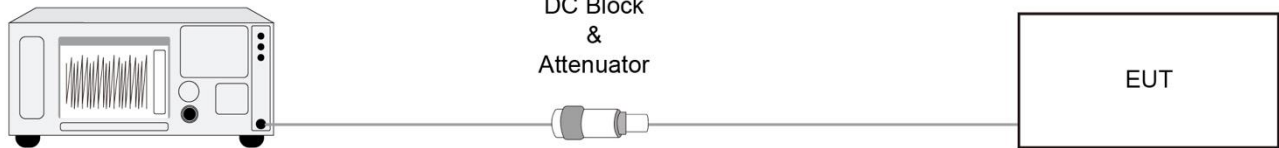
KDB 789033 D02 v02r01-Section II)F)

6.3.3. Test Setting

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Span was set to encompass the entire 26 dB EBW of the signal.
3. RBW = 1 MHz
4. VBW = 3 MHz
5. Number of sweep points $\geq 2 \times (\text{span} / \text{RBW})$
6. Detector = power averaging (Average)
7. Sweep time = auto
8. Trigger = free run
9. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter.
10. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
11. Add $10 \cdot \log(1/x)$, 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 $10 \cdot \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.

6.3.4. Test Setup

Spectrum Analyzer



6.3.5. Test Result

Refer to Appendix A.2.

6.4. Contention Based Protocol Measurement

6.4.1. Test Limit

Unlicensed indoor low power device must detect co-channel radio frequency power that is at least -62 dBm (The threshold is referenced to a 0 dBi antenna gain.) or low.

Indoor low power device must detect an AWGN signal with 90% (or better) level of certainty.

6.4.2. Test Procedure

KDB 987594 D02 v03- Section II)

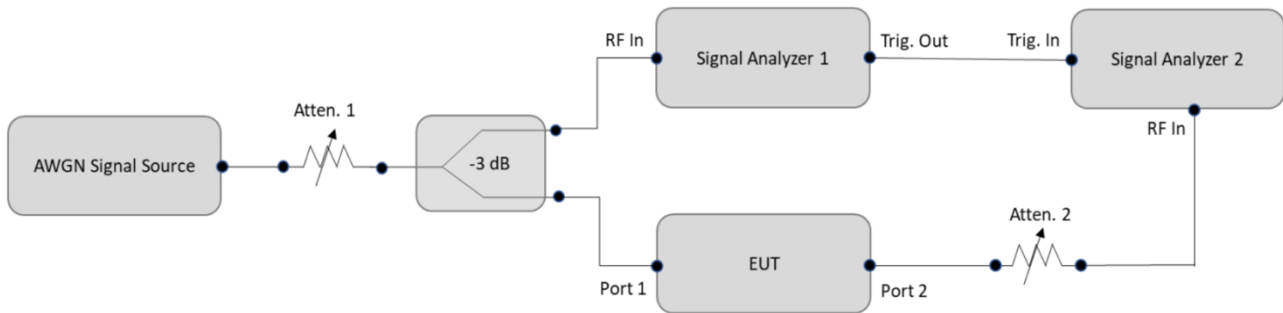
6.4.3. Test Setting

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT.
Connect the output port of the EUT to the signal analyzer 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
4. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
5. Using an AWGN signal source, generate a 10 MHz-wide AWGN signal. Use Table 1 of KDB 987594 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
6. Set the AWGN signal power to an extremely low level. Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in below figure.
7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
8. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
9. Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
10. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN

signal and repeat the process.

Note: The EUT does not support channel puncturing or bandwidth reduction for the purposes of incumbent avoidance, with the whole channel shutting down when an incumbent signal is present.

6.4.4. Test Setup



6.4.5. Test Result

Refer to Appendix A.3.

6.5. Radiated Spurious Emission Measurement

6.5.1. Test Limit

For 15.407(b)(5) requirement

For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an EIRP. of -27 dBm/MHz.

Refer to 987594 D02 U-NII 6 GHz EMC Measurement v03 clause G

Use guidance in KDB 789033 for measurements below 1000 MHz and above 1000 MHz. Unwanted emissions outside of restricted bands are measured with a RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average 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 [μ V/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

6.5.2. Test Procedure

KDB 789033 D02 v02r01-Section II)G)

6.5.3. 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
> 1000 MHz	1 MHz

Quasi-Peak Measurements below 1 GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1 MHz
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 1 GHz

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

Average Measurements above 1 GHz (Method VB)

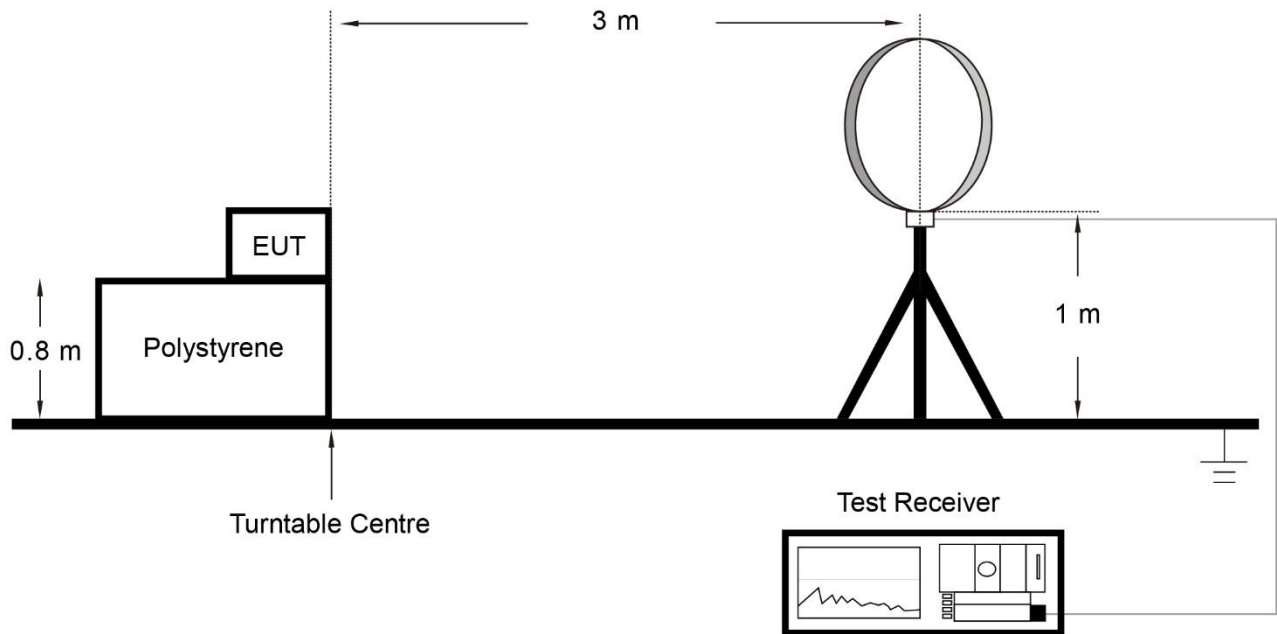
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1 MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.

If the EUT duty cycle is $< 98\%$, set $\text{VBW} \geq 1/T$. T is the minimum transmission duration.

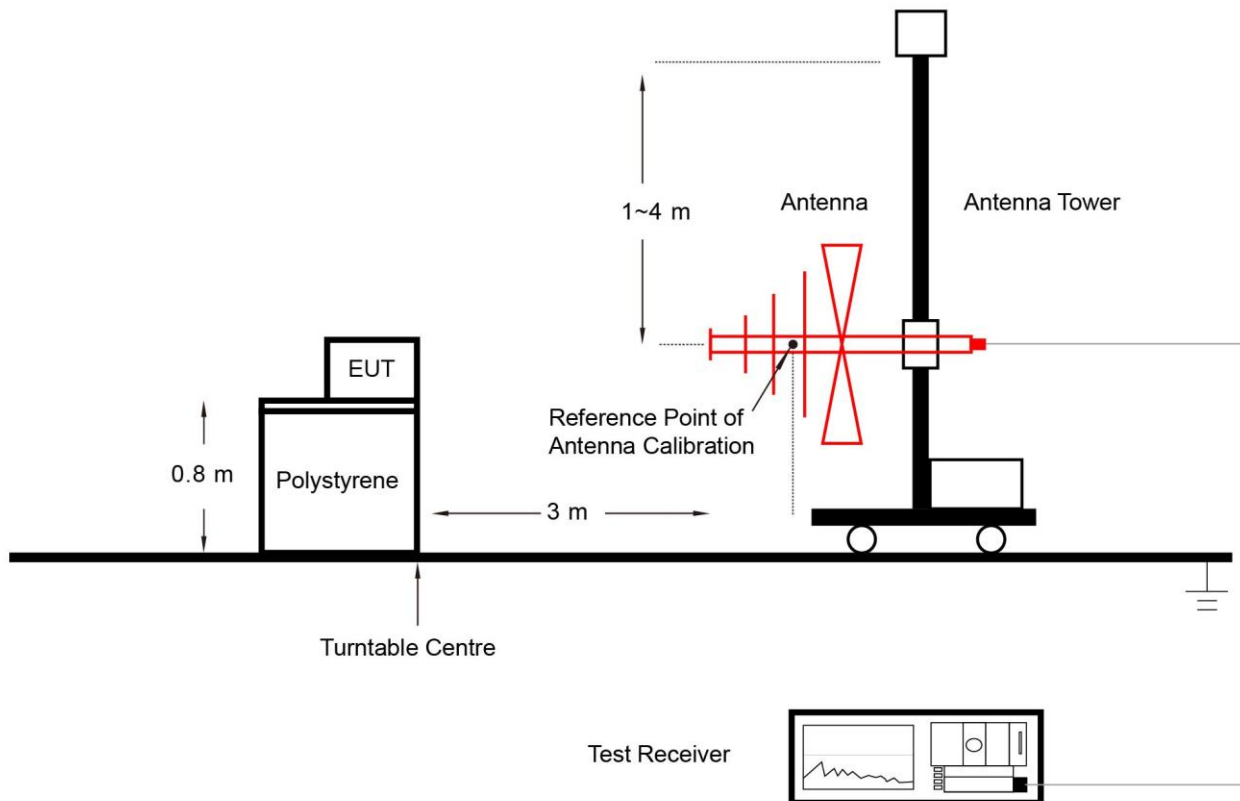
4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to "Voltage" regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

6.5.4. Test Setup

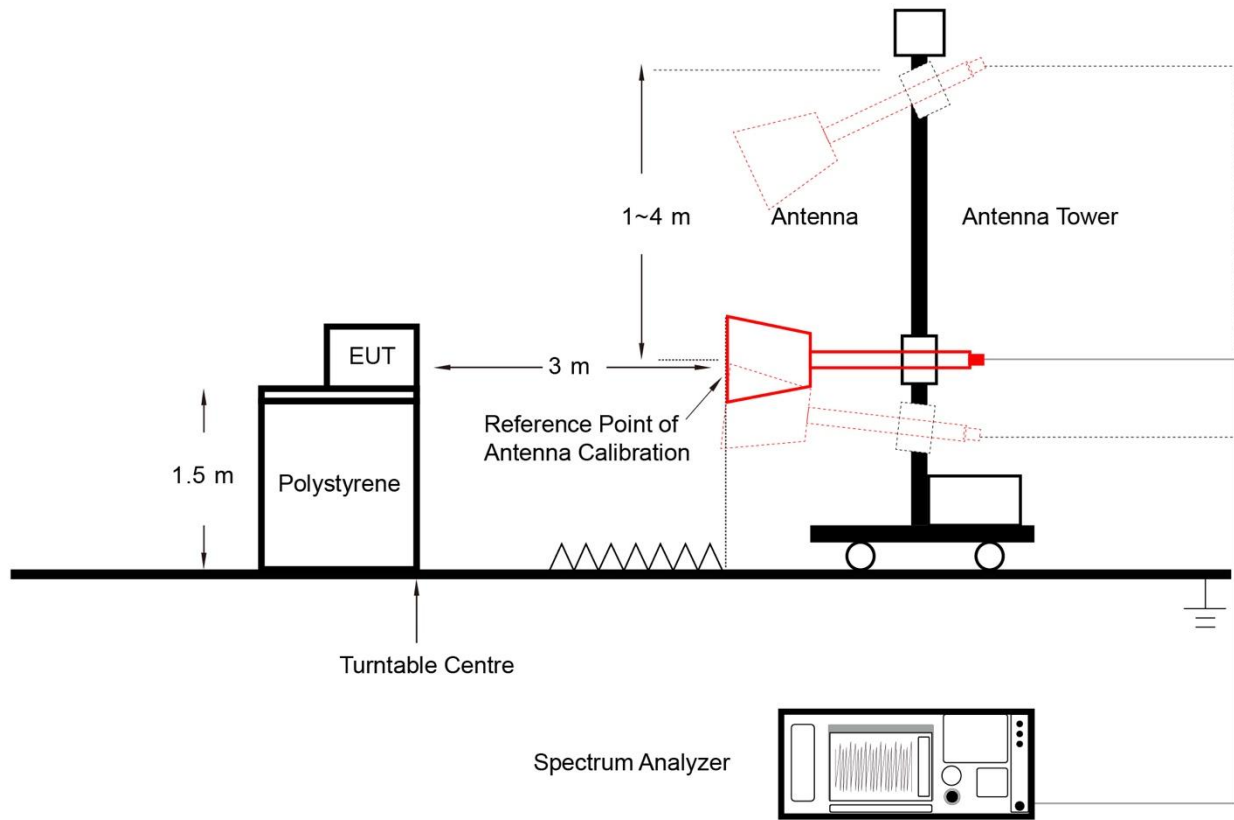
Below 30 MHz Test Setup:



Below 1 GHz Test Setup:



Above 1 GHz Test Setup:



6.5.5. Test Result

Refer to Appendix A.4.

6.6. Radiated Restricted Band Edge Measurement

6.6.1. 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)(5) requirement:

For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an EIRP. of -27 dBm/MHz.

Refer to 987594 D02 U-NII 6 GHz EMC Measurement v03 clause G - Unwanted Emission Measurement

Use guidance in KDB 789033 for measurements below 1000 MHz and above 1000 MHz. Unwanted emissions outside of restricted bands are measured with a RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average 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 [μ V/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

6.6.2. Test Procedure

KDB 789033 D02 v02r01-Section II)G)

6.6.3. Test Setting

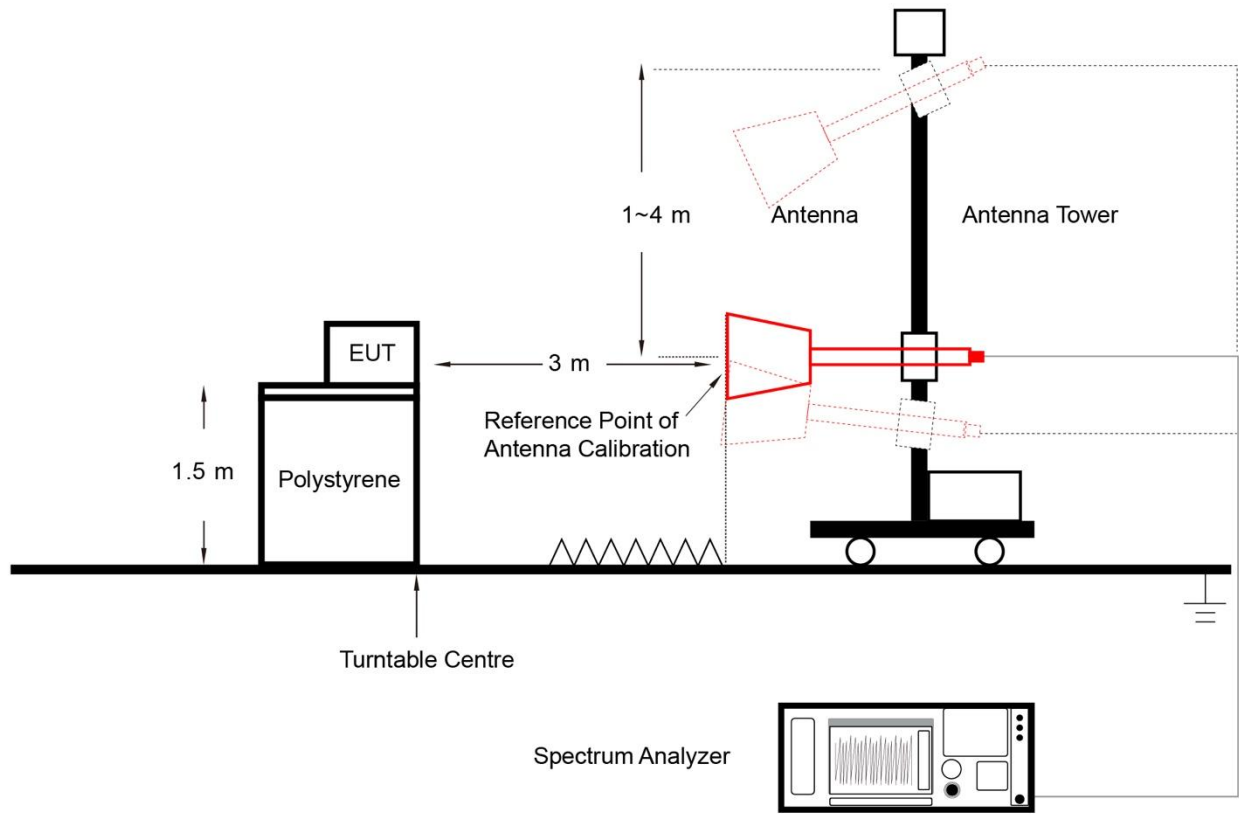
Peak Measurements above 1 GHz

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

Average Measurements above 1 GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1 MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$. T is the minimum transmission duration.
4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to "Voltage" regardless of the display mode
5. Detector = Peak
6. Sweep time = Auto
7. Trace mode = Max hold
8. Trace was allowed to stabilize

6.6.4. Test Setup



6.6.5. Test Result

Refer to Appendix A.5.

Appendix A - Test Result

A.1 Output Power Test Result

Full RU:

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-07-09 ~ 2024-07-22		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 3 Average Power (dBm)	Ant 2 Average Power (dBm)	Total Average Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)
802.11ax-HE20	MCS0	1	5955	-3.29	-3.49	-0.38	5.88	5.50	≤ 24.00
802.11ax-HE20	MCS0	49	6195	-3.69	-2.58	-0.09	5.88	5.79	≤ 24.00
802.11ax-HE20	MCS0	93	6415	-5.01	-2.77	-0.74	5.88	5.14	≤ 24.00
802.11ax-HE20	MCS0	97	6435	-2.45	-0.87	1.42	2.55	3.97	≤ 24.00
802.11ax-HE20	MCS0	105	6475	-1.81	-0.69	1.80	2.55	4.35	≤ 24.00
802.11ax-HE20	MCS0	113	6515	-1.67	-0.87	1.76	2.55	4.31	≤ 24.00
802.11ax-HE20	MCS0	117	6535	-1.15	-1.95	1.48	2.14	3.62	≤ 24.00
802.11ax-HE20	MCS0	149	6695	-1.22	-1.21	1.80	2.14	3.94	≤ 24.00
802.11ax-HE20	MCS0	181	6855	-1.06	-1.71	1.64	2.14	3.78	≤ 24.00
802.11ax-HE20	MCS0	185	6875	-1.13	-1.55	1.68	3.02	4.70	≤ 24.00
802.11ax-HE20	MCS0	189	6895	-0.76	-0.49	2.39	3.02	5.41	≤ 24.00
802.11ax-HE20	MCS0	209	6995	-0.67	-0.30	2.53	3.02	5.55	≤ 24.00
802.11ax-HE20	MCS0	229	7095	-1.12	-0.59	2.16	3.02	5.18	≤ 24.00
802.11ax-HE20	MCS0	233	7115	-1.23	-1.05	1.87	3.02	4.89	≤ 24.00

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 3 Average Power (dBm)	Ant 2 Average Power (dBm)	Total Average Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)
802.11ax-HE40	MCS0	3	5965	-0.25	-0.46	2.66	5.88	8.54	≤ 24.00
802.11ax-HE40	MCS0	51	6205	-0.62	0.42	2.94	5.88	8.82	≤ 24.00
802.11ax-HE40	MCS0	91	6405	-0.86	0.43	2.84	5.88	8.72	≤ 24.00
802.11ax-HE40	MCS0	99	6445	1.11	2.42	4.82	2.55	7.37	≤ 24.00
802.11ax-HE40	MCS0	107	6485	0.94	2.35	4.71	2.55	7.26	≤ 24.00
802.11ax-HE40	MCS0	115	6525	1.36	2.11	4.76	2.55	7.31	≤ 24.00
802.11ax-HE40	MCS0	123	6565	1.31	1.28	4.31	2.14	6.45	≤ 24.00
802.11ax-HE40	MCS0	147	6685	1.95	1.87	4.92	2.14	7.06	≤ 24.00
802.11ax-HE40	MCS0	179	6845	1.87	0.96	4.45	2.14	6.59	≤ 24.00
802.11ax-HE40	MCS0	187	6885	2.32	0.82	4.64	3.02	7.66	≤ 24.00
802.11ax-HE40	MCS0	195	6925	2.89	2.21	5.57	3.02	8.59	≤ 24.00
802.11ax-HE40	MCS0	211	7005	2.56	2.45	5.52	3.02	8.54	≤ 24.00
802.11ax-HE40	MCS0	227	7085	2.18	2.17	5.19	3.02	8.21	≤ 24.00
802.11ax-HE80	MCS0	7	5985	2.57	2.13	5.37	5.88	11.25	≤ 24.00
802.11ax-HE80	MCS0	55	6225	2.72	3.89	6.35	5.88	12.23	≤ 24.00
802.11ax-HE80	MCS0	87	6385	1.96	3.41	5.76	5.88	11.64	≤ 24.00
802.11ax-HE80	MCS0	103	6465	4.52	4.52	7.53	2.55	10.08	≤ 24.00
802.11ax-HE80	MCS0	119	6545	4.82	2.87	6.96	2.55	9.51	≤ 24.00
802.11ax-HE80	MCS0	135	6625	5.23	2.94	7.24	2.14	9.38	≤ 24.00
802.11ax-HE80	MCS0	151	6705	4.92	3.38	7.23	2.14	9.37	≤ 24.00
802.11ax-HE80	MCS0	167	6785	5.06	2.71	7.05	2.14	9.19	≤ 24.00
802.11ax-HE80	MCS0	183	6865	5.69	2.67	7.45	3.02	10.47	≤ 24.00
802.11ax-HE80	MCS0	199	6945	6.58	4.23	8.57	3.02	11.59	≤ 24.00
802.11ax-HE80	MCS0	215	7025	5.72	3.83	7.89	3.02	10.91	≤ 24.00
802.11ax-HE160	MCS0	15	6025	5.96	4.52	8.31	5.88	14.19	≤ 24.00
802.11ax-HE160	MCS0	47	6185	5.72	4.83	8.31	5.88	14.19	≤ 24.00
802.11ax-HE160	MCS0	79	6345	5.55	4.96	8.28	5.88	14.16	≤ 24.00
802.11ax-HE160	MCS0	111	6505	6.26	6.61	9.45	2.55	12.00	≤ 24.00
802.11ax-HE160	MCS0	143	6665	7.53	5.13	9.50	2.14	11.64	≤ 24.00
802.11ax-HE160	MCS0	175	6825	7.58	5.83	9.80	3.02	12.82	≤ 24.00
802.11ax-HE160	MCS0	207	6985	7.66	6.71	10.22	3.02	13.24	≤ 24.00

Note 1: Total Average Power (dBm) = $10 \times \log \{10^{(\text{Ant 3 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)}\}$.

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

Partial RU:

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-07-14 ~ 2024-07-24		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	RU size/ index	Average Power (dBm)		Total Average Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)
					Ant 3	Ant 2				
802.11ax- HE20	MCS0	1	5955	RU26/0	-9.16	-9.61	-6.37	5.88	-0.49	≤ 24.00
				RU52/37	-7.71	-7.81	-4.75	5.88	1.13	≤ 24.00
				RU106/53	-5.47	-5.63	-2.54	5.88	3.34	≤ 24.00
		49	6195	RU26/4	-9.86	-8.65	-6.20	5.88	-0.32	≤ 24.00
				RU52/38	-8.38	-7.43	-4.87	5.88	1.01	≤ 24.00
				RU106/53	-6.66	-5.36	-2.95	5.88	2.93	≤ 24.00
		93	6415	RU26/8	-10.20	-8.67	-6.36	5.88	-0.48	≤ 24.00
				RU52/40	-9.17	-7.03	-4.96	5.88	0.92	≤ 24.00
				RU106/54	-7.14	-4.68	-2.73	5.88	3.15	≤ 24.00
		97	6435	RU26/0	-9.02	-7.05	-4.91	2.55	-2.36	≤ 24.00
				RU52/37	-7.22	-4.92	-2.91	2.55	-0.36	≤ 24.00
				RU106/53	-4.95	-2.53	-0.56	2.55	1.99	≤ 24.00
		105	6475	RU26/4	-7.93	-6.51	-4.15	2.55	-1.60	≤ 24.00
				RU52/38	-6.68	-4.95	-2.72	2.55	-0.17	≤ 24.00
				RU106/53	-5.02	-3.16	-0.98	2.55	1.57	≤ 24.00
		113	6515	RU26/8	-8.35	-7.36	-4.82	2.55	-2.27	≤ 24.00
				RU52/40	-6.98	-5.79	-3.33	2.55	-0.78	≤ 24.00
				RU106/54	-4.42	-3.26	-0.79	2.55	1.76	≤ 24.00
		117	6535	RU26/0	-8.35	-8.19	-5.26	2.14	-3.12	≤ 24.00
				RU52/37	-6.47	-6.52	-3.48	2.14	-1.34	≤ 24.00
				RU106/53	-4.04	-4.03	-1.02	2.14	1.12	≤ 24.00
		149	6695	RU26/4	-7.61	-7.57	-4.58	2.14	-2.44	≤ 24.00
				RU52/38	-6.50	-6.42	-3.45	2.14	-1.31	≤ 24.00
				RU106/53	-3.78	-3.70	-0.73	2.14	1.41	≤ 24.00
		181	6855	RU26/8	-8.07	-8.26	-5.15	2.14	-3.01	≤ 24.00
				RU52/40	-6.17	-6.59	-3.36	2.14	-1.22	≤ 24.00
				RU106/54	-4.27	-4.63	-1.44	2.14	0.70	≤ 24.00

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	RU size/ index	Average Power (dBm)		Total Average Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)
					Ant 3	Ant 2				
802.11ax- HE20	MCS0	185	6875	RU26/8	-8.35	-8.73	-5.53	3.02	-2.51	≤ 24.00
				RU52/40	-8.19	-8.59	-5.38	3.02	-2.36	≤ 24.00
				RU106/54	-4.90	-5.25	-2.06	3.02	0.96	≤ 24.00
		189	6895	RU26/0	-10.02	-10.47	-7.23	3.02	-4.21	≤ 24.00
				RU52/37	-7.31	-7.75	-4.51	3.02	-1.49	≤ 24.00
				RU106/53	-3.15	-3.40	-0.26	3.02	2.76	≤ 24.00
		209	6995	RU26/4	-6.96	-6.75	-3.84	3.02	-0.82	≤ 24.00
				RU52/38	-5.80	-5.33	-2.55	3.02	0.47	≤ 24.00
				RU106/53	-3.23	-2.64	0.09	3.02	3.11	≤ 24.00
		233	7115	RU26/8	-7.39	-6.88	-4.12	3.02	-1.10	≤ 24.00
				RU52/40	-5.63	-5.26	-2.43	3.02	0.59	≤ 24.00
				RU106/54	-3.73	-2.80	-0.23	3.02	2.79	≤ 24.00
ax-HE40	MCS0	3	5965	RU242/61	-3.35	-3.45	-0.39	5.88	5.49	≤ 24.00
		51	6205	RU242/61	-3.51	-1.56	0.58	5.88	6.46	≤ 24.00
		91	6405	RU242/62	-3.11	-1.14	1.00	5.88	6.88	≤ 24.00
		99	6445	RU242/61	-1.50	0.94	2.90	2.55	5.45	≤ 24.00
		107	6485	RU242/62	-1.54	0.31	2.49	2.55	5.04	≤ 24.00
		115	6525	RU242/62	-1.26	-0.02	2.41	2.55	4.96	≤ 24.00
		123	6565	RU242/61	-0.30	-0.33	2.70	2.14	4.84	≤ 24.00
		147	6685	RU242/61	-0.42	-0.40	2.60	2.14	4.74	≤ 24.00
		179	6845	RU242/62	0.02	-0.06	2.99	2.14	5.13	≤ 24.00
		187	6885	RU242/62	0.00	-0.08	2.97	3.02	5.99	≤ 24.00
		195	6925	RU242/61	1.58	0.78	4.21	3.02	7.23	≤ 24.00
		211	7005	RU242/61	0.67	0.29	3.49	3.02	6.51	≤ 24.00
		227	7085	RU242/62	0.14	-0.27	2.95	3.02	5.97	≤ 24.00

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	RU size/ index	Average Power (dBm)		Total Average Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)
					Ant 3	Ant 2				
ax-HE80	MCS0	7	5985	RU484/65	-0.02	-0.61	2.71	5.88	8.59	≤ 24.00
		55	6225	RU484/65	-1.39	0.72	2.80	5.88	8.68	≤ 24.00
		87	6385	RU484/66	-0.91	1.16	3.26	5.88	9.14	≤ 24.00
		103	6465	RU484/65	0.87	3.06	5.11	2.55	7.66	≤ 24.00
		119	6545	RU484/66	1.60	2.61	5.14	2.55	7.69	≤ 24.00
		135	6625	RU484/65	2.34	1.89	5.13	2.14	7.27	≤ 24.00
		151	6705	RU484/65	1.99	2.16	5.09	2.14	7.23	≤ 24.00
		167	6785	RU484/66	2.00	1.42	4.73	2.14	6.87	≤ 24.00
		183	6865	RU484/66	2.22	1.09	4.70	3.02	7.72	≤ 24.00
		199	6945	RU484/65	3.56	2.38	6.02	3.02	9.04	≤ 24.00
		215	7025	RU484/66	2.04	1.64	4.85	3.02	7.87	≤ 24.00
ax-HE160	MCS0	15	6025	RU996-1	2.55	3.15	5.87	5.88	11.75	≤ 24.00
		47	6185	RU996-1	2.13	3.20	5.71	5.88	11.59	≤ 24.00
		79	6345	RU996-2	2.09	3.51	5.87	5.88	11.75	≤ 24.00
		111	6505	RU996-1	4.50	5.86	8.24	2.55	10.79	≤ 24.00
		143	6665	RU996-1	4.97	4.43	7.72	2.14	9.86	≤ 24.00
		175	6825	RU996-2	5.65	4.05	7.93	3.02	10.95	≤ 24.00
		207	6985	RU996-1	5.27	4.79	8.05	3.02	11.07	≤ 24.00

Note 1: Total Average Power (dBm) = $10 \times \log \{10^{(\text{Ant 3 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)}\}$.

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

A.2 Power Spectral Density Test Result

Full RU

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-07-09 ~ 2024-07-22		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 3 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Duty Cycle (%)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
802.11ax-HE20	MCS0	1	5955	-14.632	-14.752	99.67	-2.791	≤ -1.00
802.11ax-HE20	MCS0	49	6195	-15.491	-14.317	99.67	-2.964	≤ -1.00
802.11ax-HE20	MCS0	93	6415	-15.864	-13.996	99.67	-2.930	≤ -1.00
802.11ax-HE20	MCS0	97	6435	-12.844	-11.720	99.67	-3.675	≤ -1.00
802.11ax-HE20	MCS0	105	6475	-12.926	-11.897	99.67	-3.811	≤ -1.00
802.11ax-HE20	MCS0	113	6515	-12.602	-12.132	99.67	-3.790	≤ -1.00
802.11ax-HE20	MCS0	117	6535	-13.408	-12.926	99.67	-5.000	≤ -1.00
802.11ax-HE20	MCS0	149	6695	-12.623	-12.783	99.67	-4.542	≤ -1.00
802.11ax-HE20	MCS0	181	6855	-12.591	-12.617	99.67	-4.444	≤ -1.00
802.11ax-HE20	MCS0	185	6875	-12.952	-13.054	99.67	-3.962	≤ -1.00
802.11ax-HE20	MCS0	189	6895	-12.588	-12.894	99.67	-3.698	≤ -1.00
802.11ax-HE20	MCS0	209	6995	-12.674	-11.893	99.67	-3.226	≤ -1.00
802.11ax-HE20	MCS0	229	7095	-13.146	-12.048	99.67	-3.522	≤ -1.00
802.11ax-HE20	MCS0	233	7115	-14.056	-13.131	99.67	-4.529	≤ -1.00
802.11ax-HE40	MCS0	3	5965	-14.697	-14.859	99.71	-2.877	≤ -1.00
802.11ax-HE40	MCS0	51	6205	-15.366	-14.652	99.71	-3.094	≤ -1.00
802.11ax-HE40	MCS0	91	6405	-15.109	-14.419	99.71	-2.850	≤ -1.00
802.11ax-HE40	MCS0	99	6445	-13.443	-12.415	99.71	-4.328	≤ -1.00
802.11ax-HE40	MCS0	107	6485	-13.259	-12.089	99.71	-4.064	≤ -1.00
802.11ax-HE40	MCS0	115	6525	-13.093	-12.564	99.71	-4.250	≤ -1.00
802.11ax-HE40	MCS0	123	6565	-13.094	-12.329	99.71	-4.534	≤ -1.00
802.11ax-HE40	MCS0	147	6685	-12.947	-12.680	99.71	-4.651	≤ -1.00
802.11ax-HE40	MCS0	179	6845	-12.977	-13.861	99.71	-5.236	≤ -1.00
802.11ax-HE40	MCS0	187	6885	-12.691	-13.708	99.71	-4.129	≤ -1.00
802.11ax-HE40	MCS0	195	6925	-12.098	-12.933	99.71	-3.455	≤ -1.00
802.11ax-HE40	MCS0	211	7005	-13.147	-12.227	99.71	-3.622	≤ -1.00
802.11ax-HE40	MCS0	227	7085	-12.648	-12.627	99.71	-3.597	≤ -1.00

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 3 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Duty Cycle (%)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
802.11ax-HE80	MCS0	7	5985	-15.101	-14.931	99.67	-3.115	≤ -1.00
802.11ax-HE80	MCS0	55	6225	-15.141	-13.884	99.67	-2.567	≤ -1.00
802.11ax-HE80	MCS0	87	6385	-15.127	-13.787	99.67	-2.505	≤ -1.00
802.11ax-HE80	MCS0	103	6465	-12.657	-12.822	99.67	-4.168	≤ -1.00
802.11ax-HE80	MCS0	119	6545	-12.585	-14.216	99.67	-4.754	≤ -1.00
802.11ax-HE80	MCS0	135	6625	-12.186	-14.011	99.67	-4.843	≤ -1.00
802.11ax-HE80	MCS0	151	6705	-12.513	-13.889	99.67	-4.986	≤ -1.00
802.11ax-HE80	MCS0	167	6785	-12.454	-14.263	99.67	-5.105	≤ -1.00
802.11ax-HE80	MCS0	183	6865	-12.114	-15.096	99.67	-4.314	≤ -1.00
802.11ax-HE80	MCS0	199	6945	-10.884	-13.817	99.67	-3.067	≤ -1.00
802.11ax-HE80	MCS0	215	7025	-11.949	-13.353	99.67	-3.554	≤ -1.00
802.11ax-HE160	MCS0	15	6025	-14.362	-15.540	99.74	-3.011	≤ -1.00
802.11ax-HE160	MCS0	47	6185	-14.542	-15.602	99.74	-3.139	≤ -1.00
802.11ax-HE160	MCS0	79	6345	-15.453	-14.850	99.74	-3.241	≤ -1.00
802.11ax-HE160	MCS0	111	6505	-12.527	-13.381	99.74	-4.363	≤ -1.00
802.11ax-HE160	MCS0	143	6665	-12.532	-14.580	99.74	-5.276	≤ -1.00
802.11ax-HE160	MCS0	175	6825	-11.961	-14.608	99.74	-4.046	≤ -1.00
802.11ax-HE160	MCS0	207	6985	-12.072	-13.389	99.74	-3.640	≤ -1.00

Note: When EUT duty cycle ≥ 98%, EIRP PSD (dBm/MHz) = $10 \times \log \{10^{(\text{Ant 3 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)}\}$
(dBm/MHz) + Directional Gain for PSD (dBi).

Partial RU

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-07-14 ~ 2024-07-24		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	RU size/ index	Ant 3 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Duty Cycle (%)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
802.11ax- HE20	MCS0	1	5955	RU26/0	-15.091	-15.054	99.67	-3.172	≤ -1.00
				RU52/37	-14.808	-14.761	99.67	-2.884	≤ -1.00
				RU106/53	-14.875	-15.081	99.67	-3.076	≤ -1.00
		49	6195	RU26/4	-15.952	-14.643	99.67	-3.348	≤ -1.00
				RU52/38	-16.048	-14.416	99.67	-3.255	≤ -1.00
				RU106/53	-16.149	-14.360	99.67	-3.263	≤ -1.00
		93	6415	RU26/8	-17.310	-13.511	99.67	-3.107	≤ -1.00
				RU52/40	-17.041	-13.958	99.67	-3.331	≤ -1.00
				RU106/54	-17.289	-13.941	99.67	-3.400	≤ -1.00
		97	6435	RU26/0	-14.551	-11.417	99.67	-4.137	≤ -1.00
				RU52/37	-14.212	-11.122	99.67	-3.827	≤ -1.00
				RU106/53	-14.078	-11.102	99.67	-3.770	≤ -1.00
		105	6475	RU26/4	-13.757	-11.773	99.67	-4.082	≤ -1.00
				RU52/38	-13.744	-11.536	99.67	-3.931	≤ -1.00
				RU106/53	-14.270	-12.108	99.67	-4.486	≤ -1.00
		113	6515	RU26/8	-13.251	-12.006	99.67	-4.014	≤ -1.00
				RU52/40	-14.010	-12.274	99.67	-4.486	≤ -1.00
				RU106/54	-13.833	-12.148	99.67	-4.339	≤ -1.00
		117	6535	RU26/0	-13.632	-12.830	99.67	-5.052	≤ -1.00
				RU52/37	-13.402	-13.046	99.67	-5.060	≤ -1.00
				RU106/53	-13.420	-13.314	99.67	-5.206	≤ -1.00
		149	6695	RU26/4	-13.290	-12.871	99.67	-4.915	≤ -1.00
				RU52/38	-13.317	-12.970	99.67	-4.980	≤ -1.00
				RU106/53	-13.213	-12.634	99.67	-4.754	≤ -1.00
		181	6855	RU26/8	-12.954	-13.273	99.67	-4.950	≤ -1.00
				RU52/40	-12.848	-13.414	99.67	-4.961	≤ -1.00
				RU106/54	-13.120	-13.848	99.67	-5.308	≤ -1.00
		185	6875	RU26/8	-13.100	-13.565	99.67	-4.286	≤ -1.00
				RU52/40	-13.373	-13.660	99.67	-4.474	≤ -1.00
				RU106/54	-13.150	-13.765	99.67	-4.406	≤ -1.00

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	RU size/ index	Ant 3 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Duty Cycle (%)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
802.11ax- HE20	MCS0	189	6895	RU26/0	-12.980	-12.964	99.67	-3.932	≤ -1.00
				RU52/37	-12.474	-13.156	99.67	-3.761	≤ -1.00
				RU106/53	-12.780	-12.741	99.67	-3.720	≤ -1.00
		209	6995	RU26/4	-13.008	-12.946	99.67	-3.937	≤ -1.00
				RU52/38	-12.937	-12.113	99.67	-3.465	≤ -1.00
				RU106/53	-12.844	-12.060	99.67	-3.394	≤ -1.00
		233	7115	RU26/8	-14.348	-13.785	99.67	-5.017	≤ -1.00
				RU52/40	-14.196	-13.266	99.67	-4.666	≤ -1.00
				RU106/54	-14.273	-12.991	99.67	-4.545	≤ -1.00
802.11ax- HE40	MCS0	3	5965	RU242/61	-15.165	-14.876	99.71	-3.118	≤ -1.00
		51	6205	RU242/61	-16.693	-14.610	99.71	-3.627	≤ -1.00
		91	6405	RU242/62	-15.763	-13.957	99.71	-2.866	≤ -1.00
		99	6445	RU242/61	-14.280	-12.006	99.71	-4.426	≤ -1.00
		107	6485	RU242/62	-13.849	-12.220	99.71	-4.388	≤ -1.00
		115	6525	RU242/62	-13.550	-12.362	99.71	-4.345	≤ -1.00
		123	6565	RU242/61	-12.844	-12.959	99.71	-4.741	≤ -1.00
		147	6685	RU242/61	-13.275	-13.123	99.71	-5.038	≤ -1.00
		179	6845	RU242/62	-13.488	-13.656	99.71	-5.411	≤ -1.00
		187	6885	RU242/62	-13.443	-13.519	99.71	-4.441	≤ -1.00
		195	6925	RU242/61	-12.220	-12.843	99.71	-3.480	≤ -1.00
		211	7005	RU242/61	-12.678	-13.091	99.71	-3.839	≤ -1.00
		227	7085	RU242/62	-12.766	-12.945	99.71	-3.814	≤ -1.00

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	RU size/ index	Ant 3 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Duty Cycle (%)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
802.11ax- HE80	MCS0	7	5985	RU484/65	-15.280	-15.331	99.67	-3.405	≤ -1.00
		55	6225	RU484/65	-16.440	-13.611	99.67	-2.899	≤ -1.00
		87	6385	RU484/66	-15.717	-13.438	99.67	-2.529	≤ -1.00
		103	6465	RU484/65	-13.671	-12.112	99.67	-4.252	≤ -1.00
		119	6545	RU484/66	-14.057	-12.783	99.67	-4.803	≤ -1.00
		135	6625	RU484/65	-13.441	-13.114	99.67	-5.114	≤ -1.00
		151	6705	RU484/65	-13.161	-13.195	99.67	-5.018	≤ -1.00
		167	6785	RU484/66	-13.506	-13.536	99.67	-5.361	≤ -1.00
		183	6865	RU484/66	-12.744	-14.379	99.67	-4.445	≤ -1.00
		199	6945	RU484/65	-12.731	-11.816	99.67	-3.209	≤ -1.00
		215	7025	RU484/66	-13.078	-12.819	99.67	-3.906	≤ -1.00
802.11ax- HE160	MCS0	15	6025	RU996-1	-15.207	-14.833	99.74	-3.116	≤ -1.00
		47	6185	RU996-1	-16.058	-14.884	99.74	-3.531	≤ -1.00
		79	6345	RU996-2	-16.133	-14.803	99.74	-3.517	≤ -1.00
		111	6505	RU996-1	-13.697	-12.461	99.74	-4.465	≤ -1.00
		143	6665	RU996-1	-13.605	-13.839	99.74	-5.560	≤ -1.00
		175	6825	RU996-2	-12.583	-14.243	99.74	-4.294	≤ -1.00
		207	6985	RU996-1	-12.869	-13.501	99.74	-4.133	≤ -1.00

Note: When EUT duty cycle < 98%, EIRP PSD (dBm/MHz) = $10 \times \log \{ 10^{(\text{Ant 3 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} \}$
(dBm/MHz) + $10 \times \log (1/\text{Duty Cycle})$ + Directional Gain for PSD (dBi).

A.3 Contention Based Protocol Test Result

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2025-10-22 ~ 2025-10-23		

Test Channel	Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	AWGN Power (dBm)	Ant. Gain (dBi)	Adjust Power (dBm)	Detection Limit (dBm)	Detected Number	Detection Probability (%)	Limit (%)	Test Result
Operation Band: U-NII 5											
37	20	6135	6135	-75	2.5	-77.50	≤ -62.0	10	100	90	Pass
47	160	6185	6110	-69	2.5	-71.50	≤ -62.0	10	100	90	Pass
47	160	6185	6185	-66	2.5	-68.50	≤ -62.0	10	100	90	Pass
47	160	6185	6260	-68	2.5	-70.50	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 6											
101	20	6455	6455	-73	1.8	-74.80	≤ -62.0	10	100	90	Pass
111	160	6505	6430	-64	1.8	-65.80	≤ -62.0	10	100	90	Pass
111	160	6505	6505	-65	1.8	-66.80	≤ -62.0	10	100	90	Pass
111	160	6505	6580	-69	1.46	-70.46	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 7											
149	20	6695	6695	-73	1.46	-74.46	≤ -62.0	10	100	90	Pass
143	160	6665	6590	-69	1.46	-70.46	≤ -62.0	10	100	90	Pass
143	160	6665	6665	-65	1.46	-66.46	≤ -62.0	10	100	90	Pass
143	160	6665	6740	-67	1.46	-68.46	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 8											
213	20	7015	7015	-73	1.46	-74.46	≤ -62.0	10	100	90	Pass
207	160	6985	6910	-66	1.46	-67.46	≤ -62.0	10	100	90	Pass
207	160	6985	6985	-64	1.46	-65.46	≤ -62.0	10	100	90	Pass
207	160	6985	7060	-68	1.46	-69.46	≤ -62.0	10	100	90	Pass

Note 1: Adjust Power (dBm) = AWGN Power (dBm) - Antenna Gain (dBi).

Note 2: Conducted measurements are used.

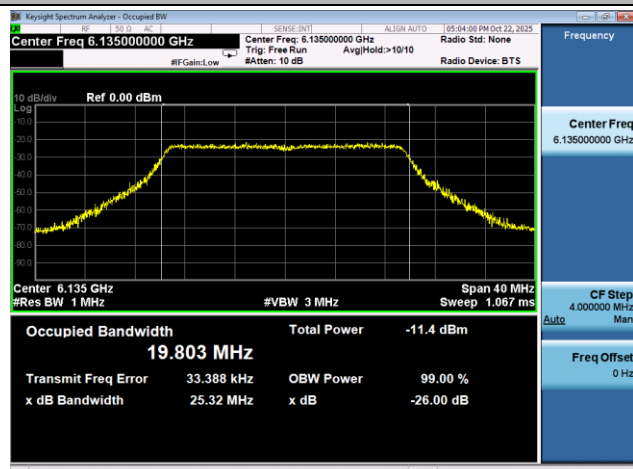
Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2025-10-22 ~ 2025-10-23		

Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Tx Status
Operation Band: U-NII 5				
20	6135	6135	-79.50	ON
			-78.50	Minimal
			-77.50	OFF
160	6185	6110	-75.50	ON
			-74.50	Minimal
			-71.50	OFF
160	6185	6185	-70.50	ON
			-69.50	Minimal
			-68.50	OFF
160	6185	6260	-74.50	ON
			-73.50	Minimal
			-70.50	OFF
Operation Band: U-NII 6				
20	6455	6455	-76.80	ON
			-75.80	Minimal
			-74.80	OFF
160	6505	6430	-71.80	ON
			-70.80	Minimal
			-65.80	OFF
160	6505	6505	-68.80	ON
			-67.80	Minimal
			-66.80	OFF
160	6505	6580	-73.46	ON
			-72.46	Minimal
			-70.46	OFF

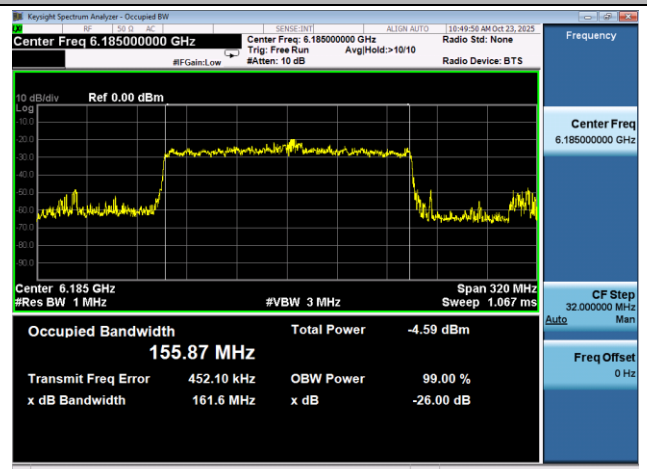
Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Status
Operation Band: U-NII 7				
20	6695	6695	-76.46	ON
			-75.46	Minimal
			-74.46	OFF
160	6665	6590	-72.46	ON
			-71.46	Minimal
			-70.46	OFF
160	6665	6665	-68.46	ON
			-67.46	Minimal
			-66.46	OFF
160	6665	6740	-71.46	ON
			-70.46	Minimal
			-68.46	OFF
Operation Band: U-NII 8				
20	7015	7015	-76.46	ON
			-75.46	Minimal
			-74.46	OFF
160	6985	6910	-70.46	ON
			-69.46	Minimal
			-67.46	OFF
160	6985	6985	-67.46	ON
			-66.46	Minimal
			-65.46	OFF
160	6985	7060	-71.46	ON
			-70.46	Minimal
			-69.46	OFF
Note: OFF: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently ON: AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds				

EUT Tx Waveform

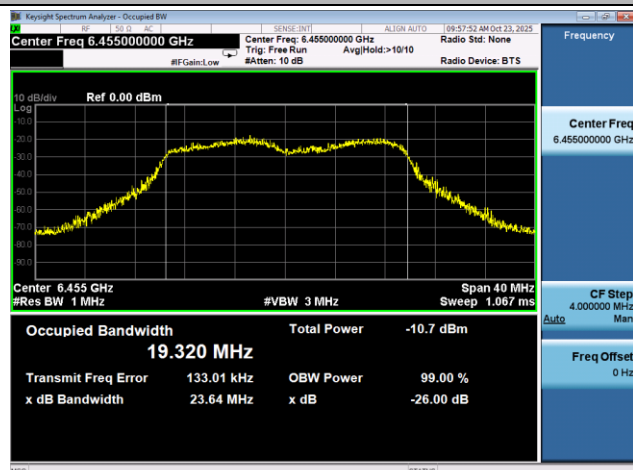
802.11ax-HE20 / CH37



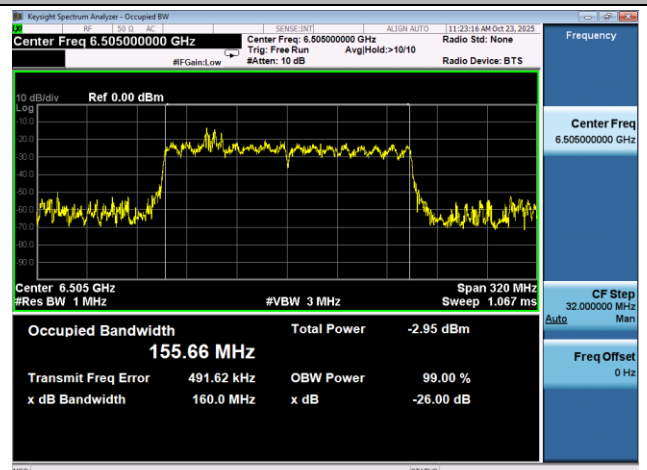
802.11ax-HE160 / CH47



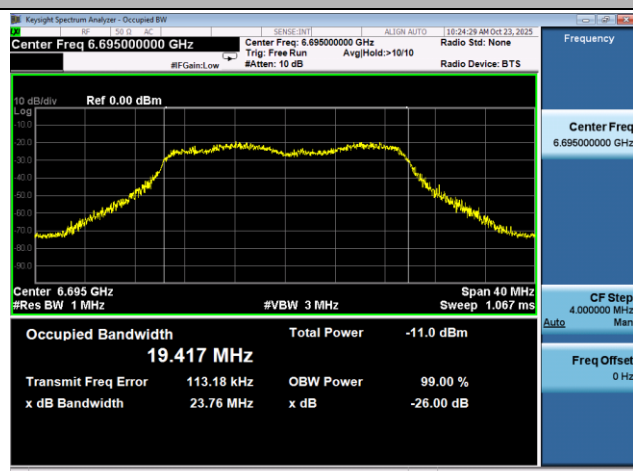
802.11ax-HE20 / CH101



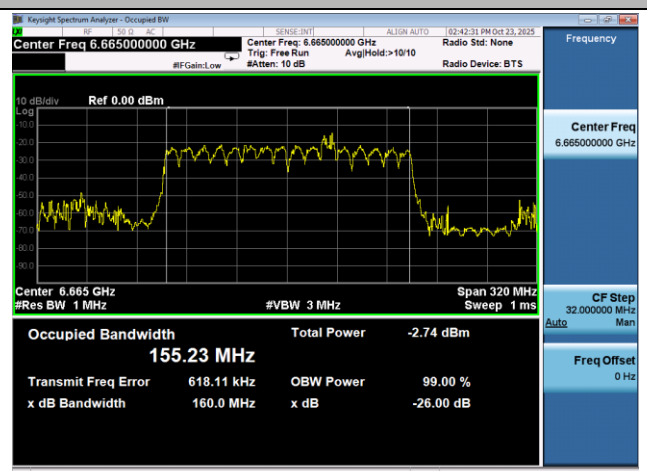
802.11ax-HE160 / CH111

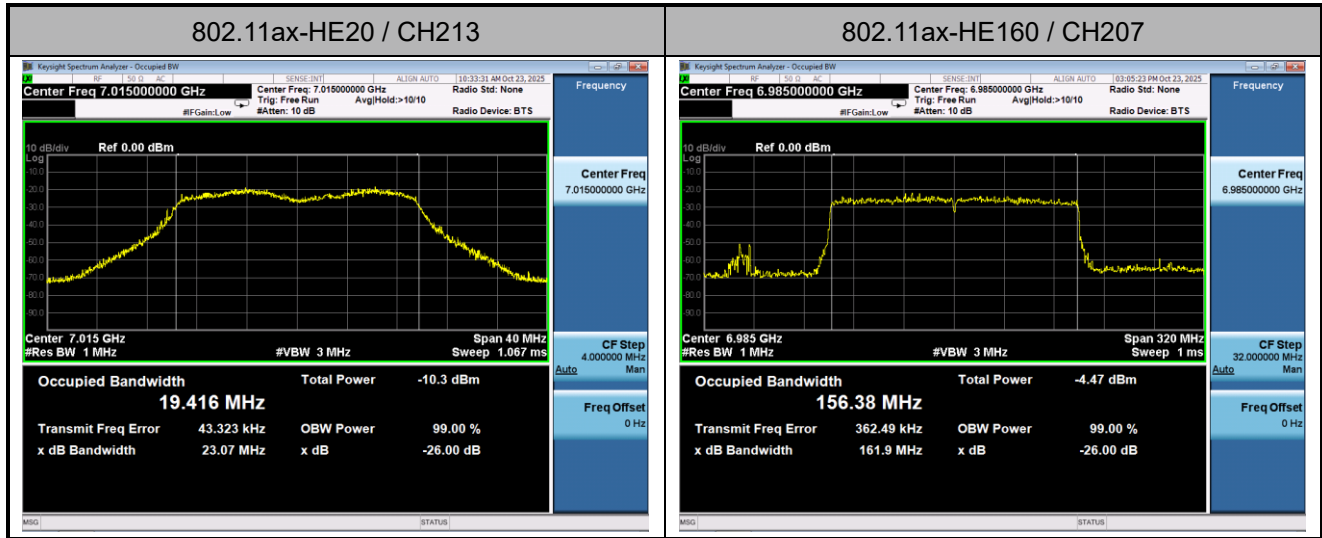


802.11ax-HE20 / CH149



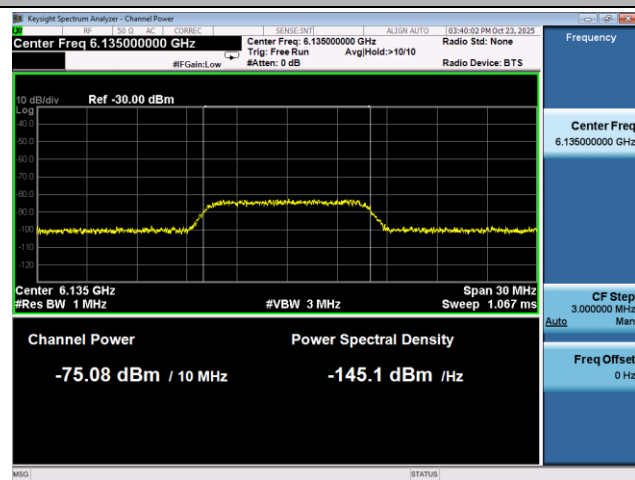
802.11ax-HE160 / CH143



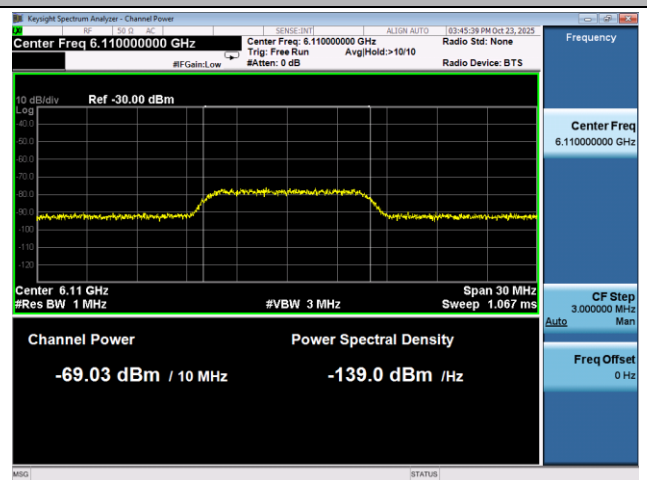


Incumbent Signal Calibration Plots (NII-5 Band)

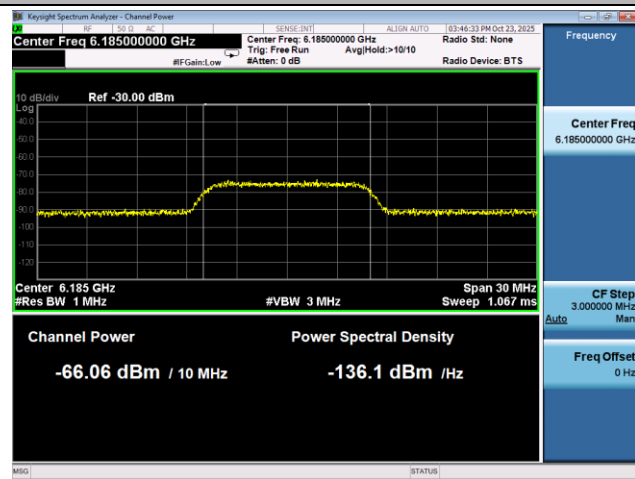
802.11ax-HE20 / CH37



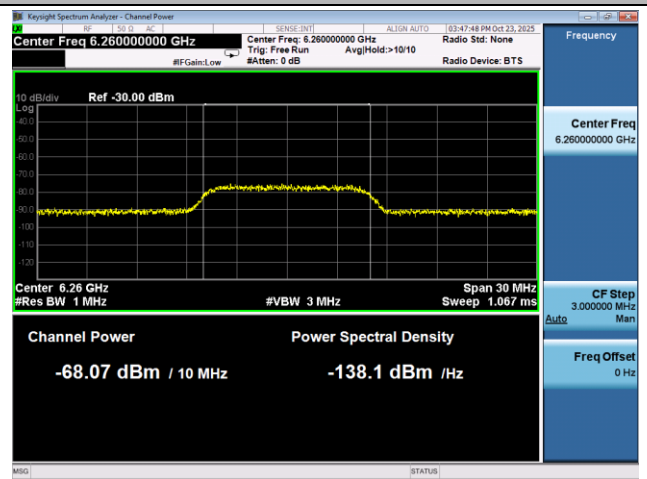
802.11ax-HE160 / CH47 (Low Edge)



802.11ax-HE160 / CH47 (Middle)

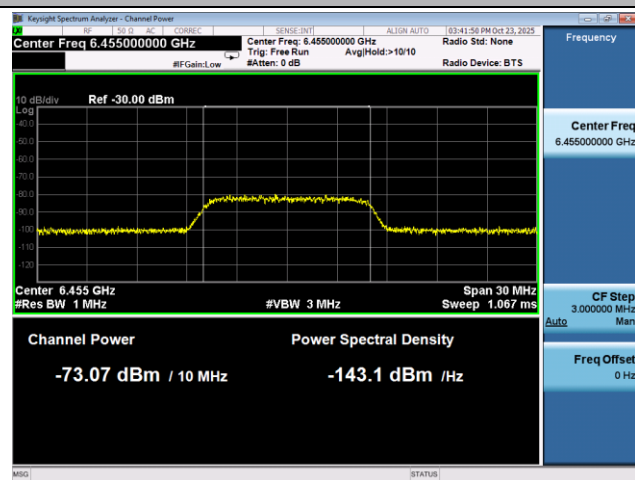


802.11ax-HE160 / CH47 (High Edge)

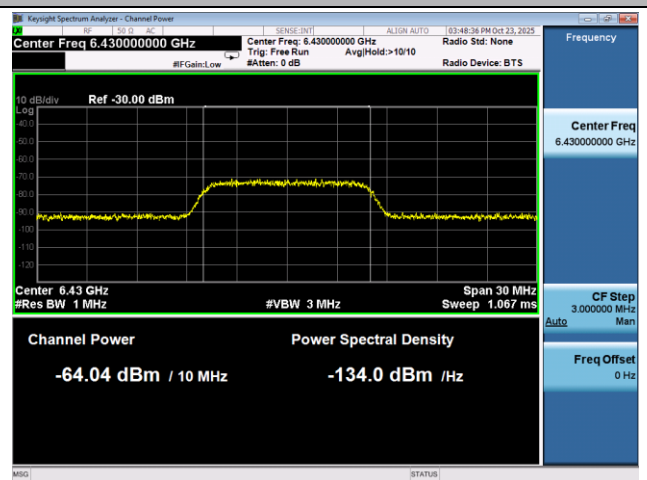


Incumbent Signal Calibration Plots (NII-6 Band)

802.11ax-HE20 / CH101



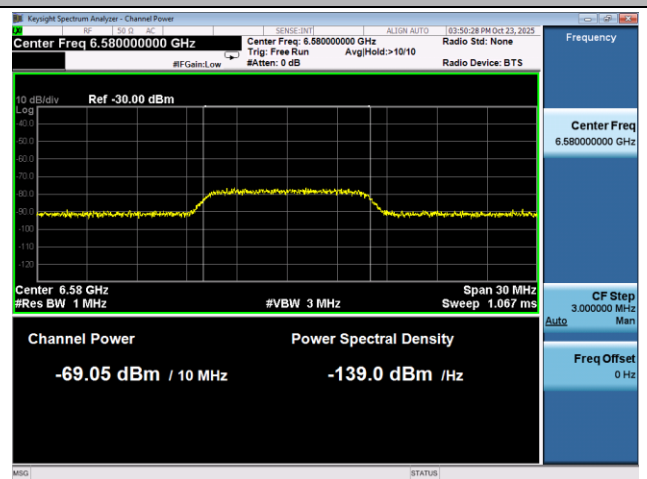
802.11ax-HE160 / CH111 (Low Edge)



802.11ax-HE160 / CH111 (Middle)

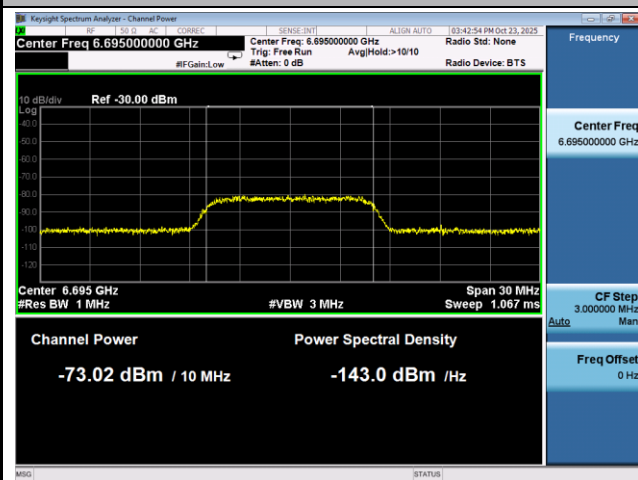


802.11ax-HE160 / CH111 (High Edge)

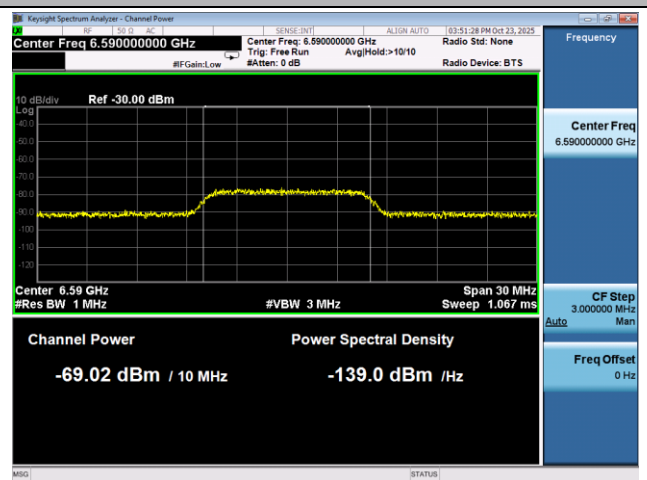


Incumbent Signal Calibration Plots (NII-7 Band)

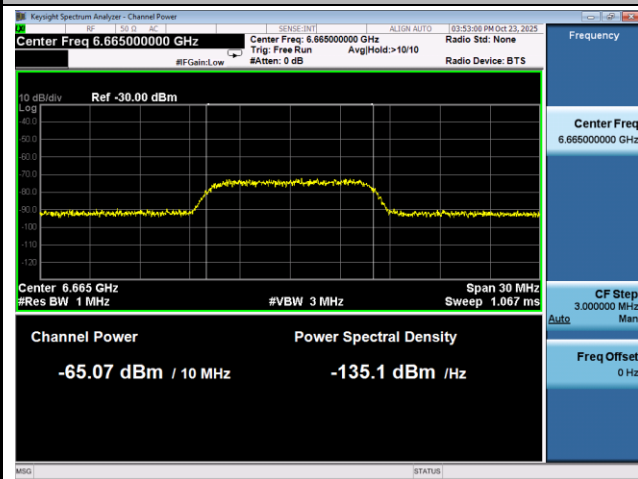
802.11ax-HE20 / CH149



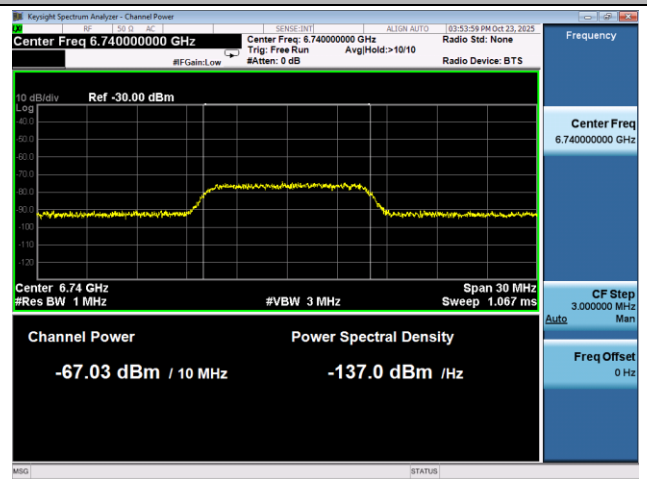
802.11ax-HE160 / CH143 (Low Edge)



802.11ax-HE160 / CH143 (Middle)

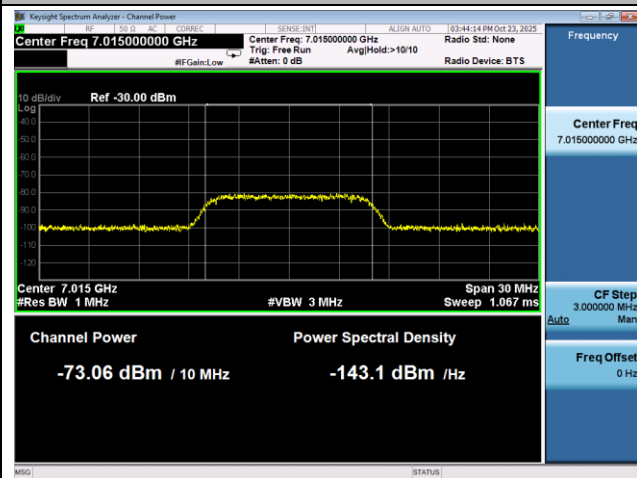


802.11ax-HE160 / CH143 (High Edge)

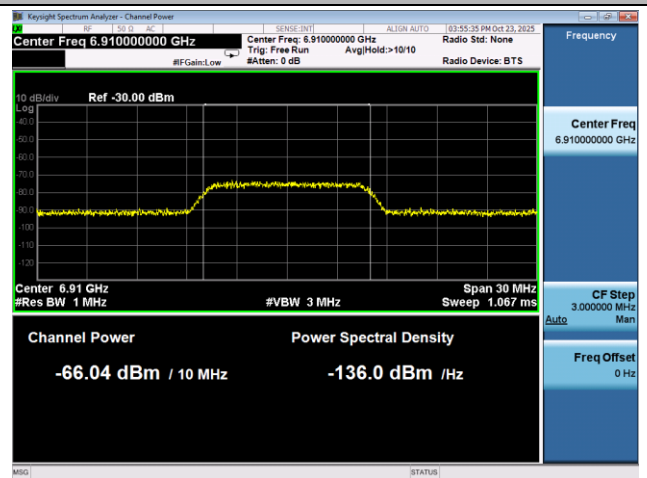


Incumbent Signal Calibration Plots (NII-8 Band)

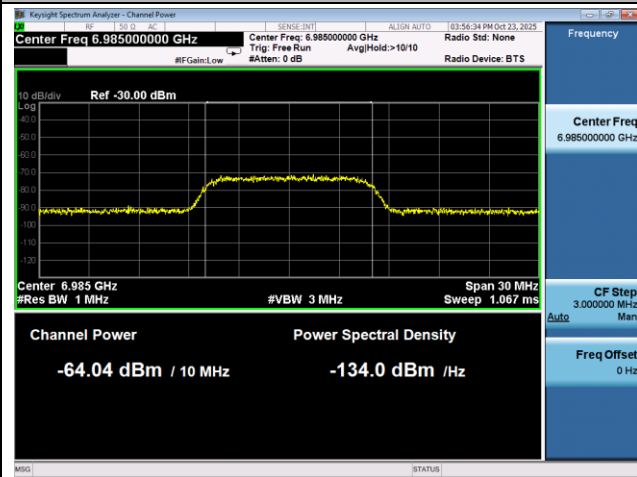
802.11ax-HE20 / CH213



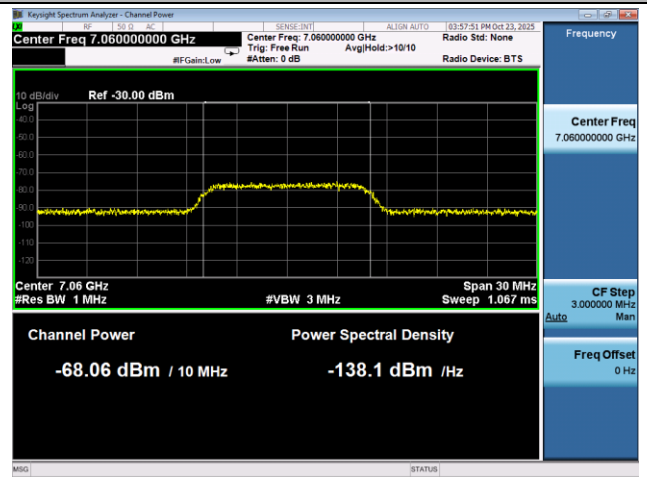
802.11ax-HE160 / CH207 (Low Edge)



802.11ax-HE160 / CH207 (Middle)

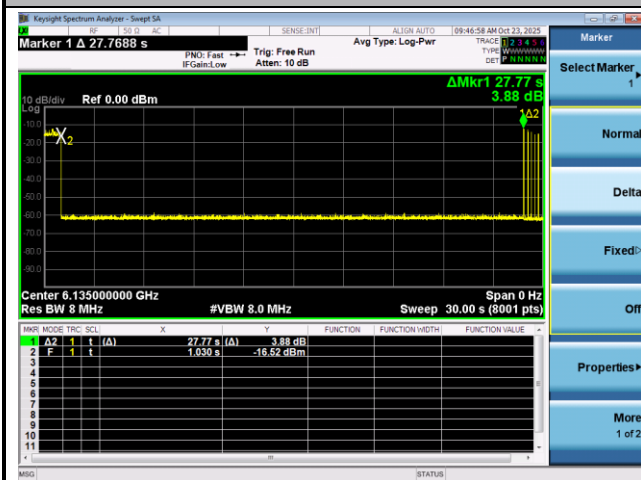


802.11ax-HE160 / CH207 (High Edge)

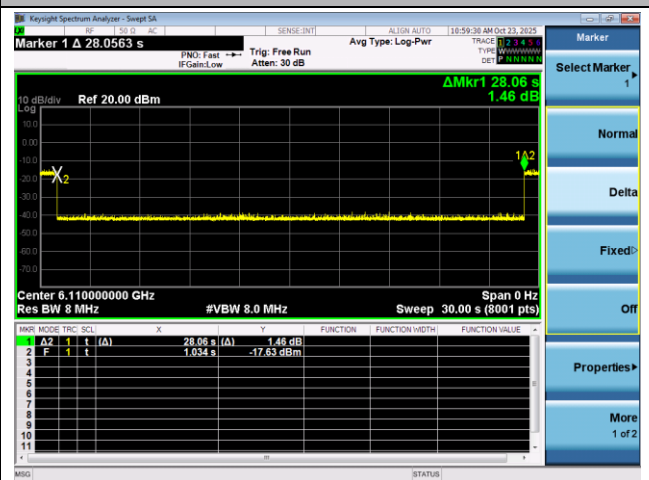


Test Result of EUT ceased transmission (NII-5 Band)

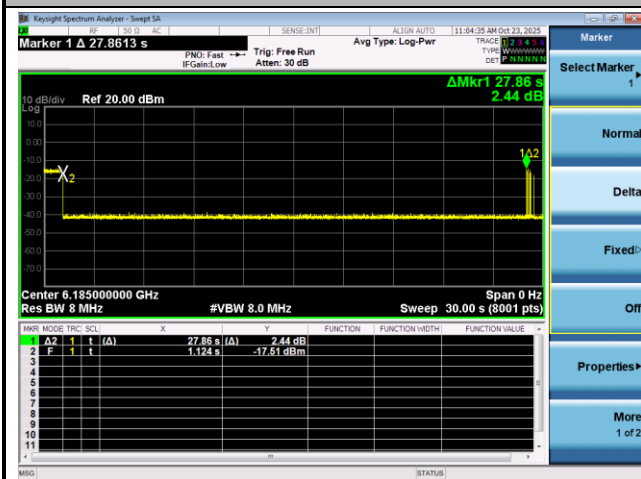
802.11ax-HE20 / CH37



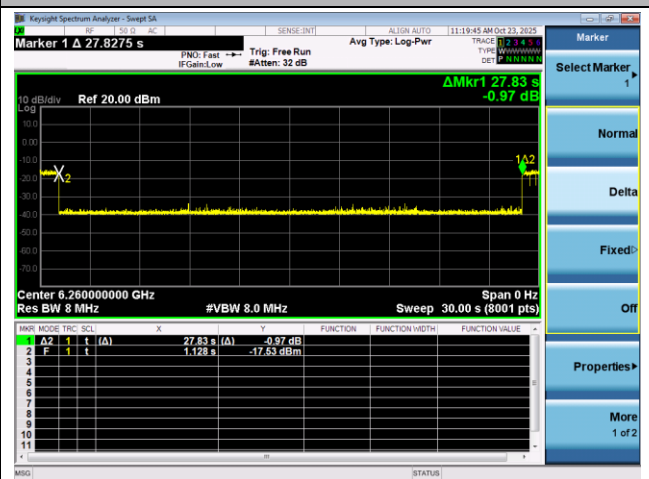
802.11ax-HE160 / CH47 (Low Edge)



802.11ax-HE160 / CH47 (Middle)

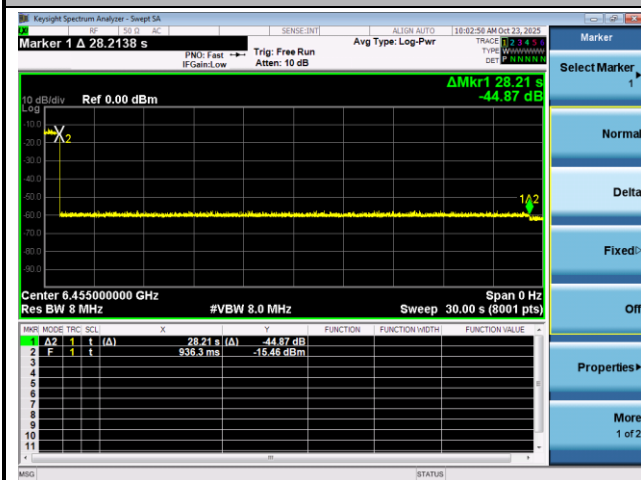


802.11ax-HE160 / CH47 (High Edge)



Test Result of EUT ceased transmission (NII-6 Band)

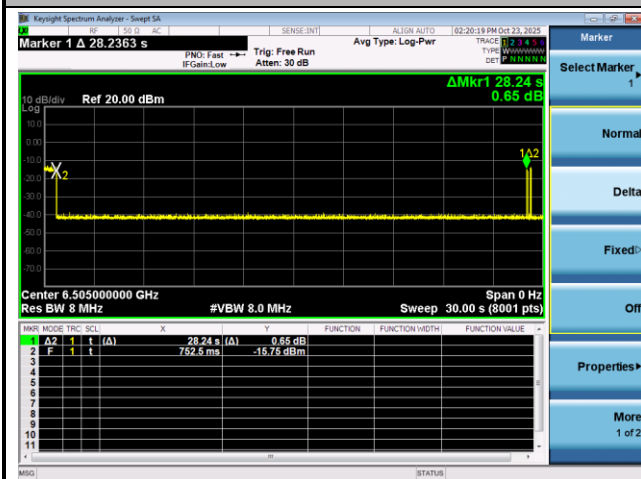
802.11ax-HE20 / CH101



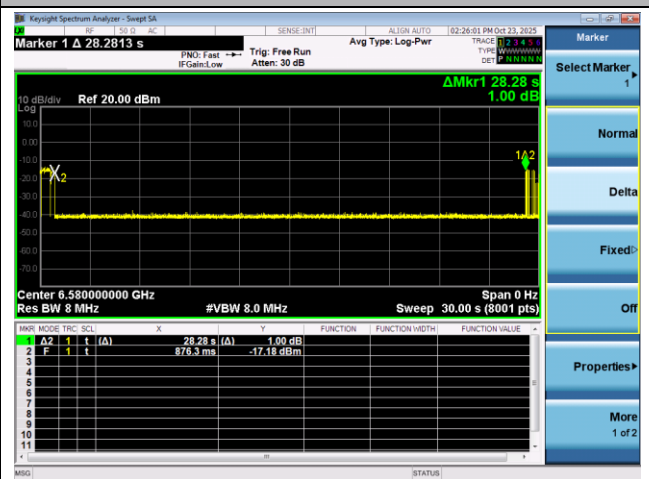
802.11ax-HE160 / CH111 (Low Edge)



802.11ax-HE160 / CH111 (Middle)

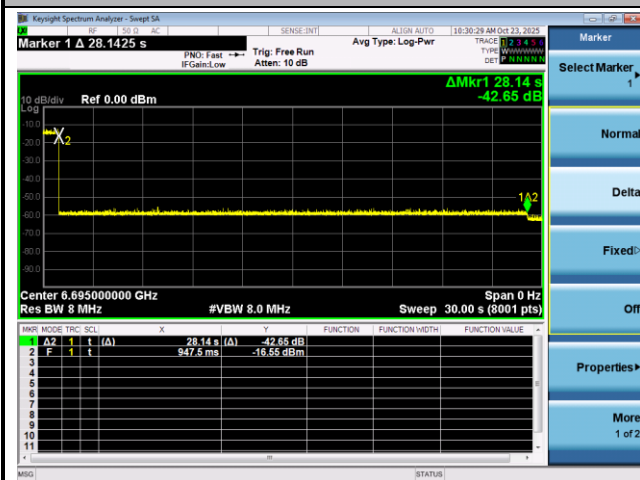


802.11ax-HE160 / CH111 (High Edge)



Test Result of EUT ceased transmission (NII-7 Band)

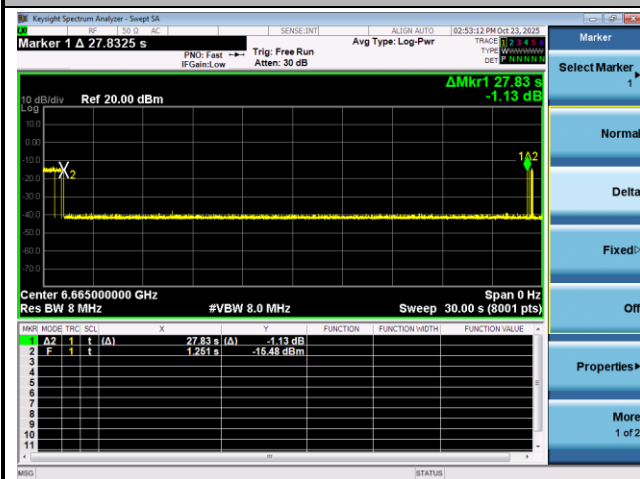
802.11ax-HE20 / CH149



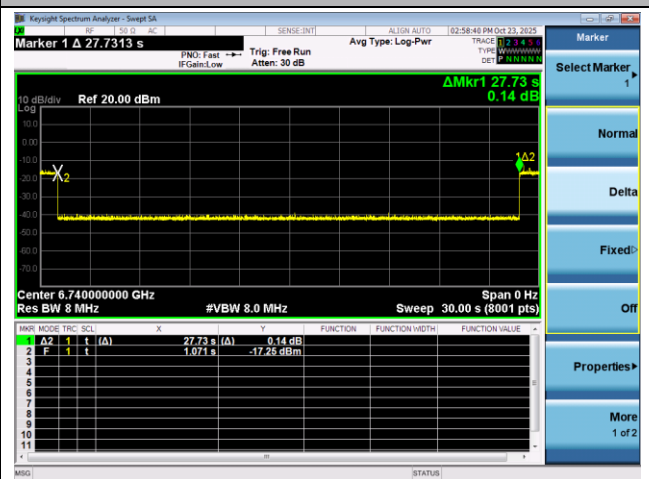
802.11ax-HE160 / CH143 (Low Edge)



802.11ax-HE160 / CH143 (Middle)



802.11ax-HE160 / CH143 (High Edge)



Test Result of EUT ceased transmission (NII-8 Band)

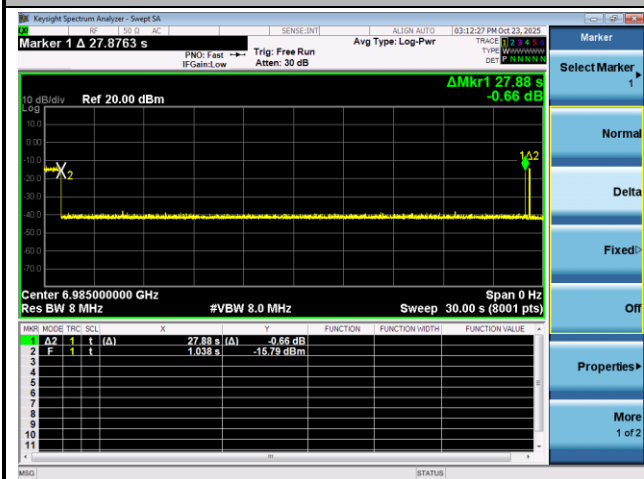
802.11ax-HE20 / CH213



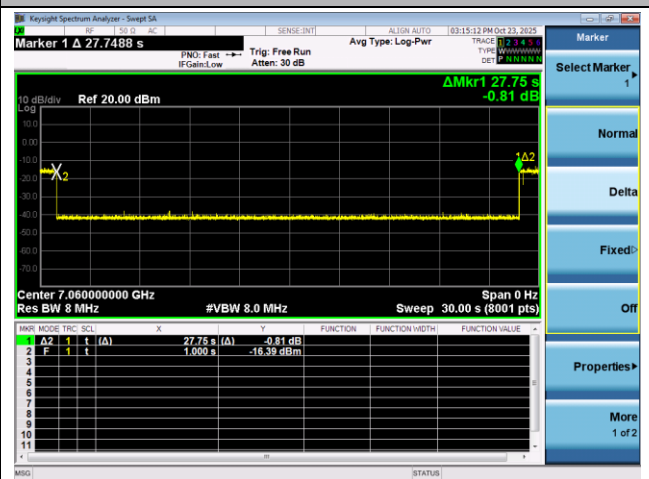
802.11ax-HE160 / CH207 (Low Edge)



802.11ax-HE160 / CH207 (Middle)



802.11ax-HE160 / CH207 (High Edge)



A.4 Radiated Spurious Emission Test Result

Product	Mobile Computer	Test Engineer	Jerry Lu
Test Site	WZ-AC2	Test Date	2025-10-29
Test Mode	802.11ax-HE160	Test Channel	143
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	12464.80	32.57	18.15	50.72	74.00	-23.28	Peak	Horizontal
*	14156.30	30.66	21.96	52.62	88.20	-35.58	Peak	Horizontal
*	14889.00	31.64	21.35	52.99	88.20	-35.21	Peak	Horizontal
	17964.30	14.24	30.70	44.94	54.00	-9.06	Average	Horizontal
	17964.30	29.01	30.70	59.71	74.00	-14.29	Peak	Horizontal
	12682.40	30.94	18.98	49.92	74.00	-24.08	Peak	Vertical
*	13948.90	30.70	21.15	51.85	88.20	-36.35	Peak	Vertical
*	14807.40	30.49	21.95	52.44	88.20	-35.76	Peak	Vertical
	17964.30	13.26	30.70	43.96	54.00	-10.04	Average	Vertical
	17964.30	29.53	30.70	60.23	74.00	-13.77	Peak	Vertical

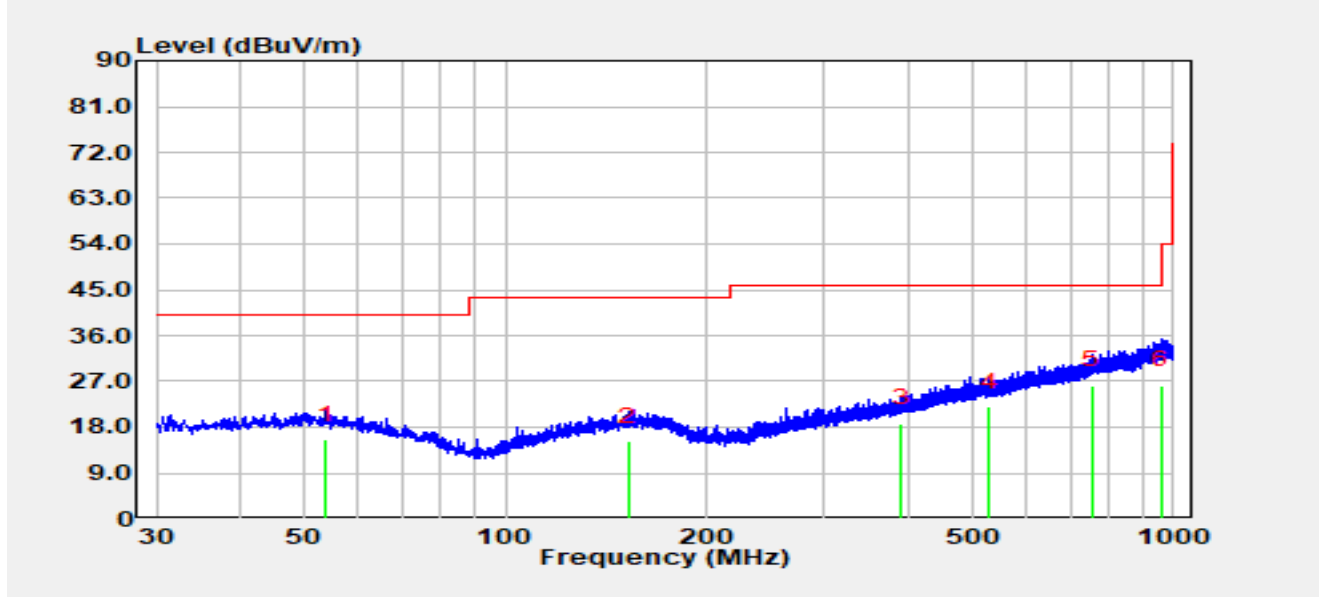
Note 1: "*" is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2 dB to the Limit of -27 dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The Result of Radiated Emission below 1 GHz:

Site	WZ-AC1	Test Date	2025-10-28
Temperature	24.4 °C	Humidity	40.3%
Limit	FCC_Part 15.209_RSE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by 802.11ax-HE20 at 5955 MHz		

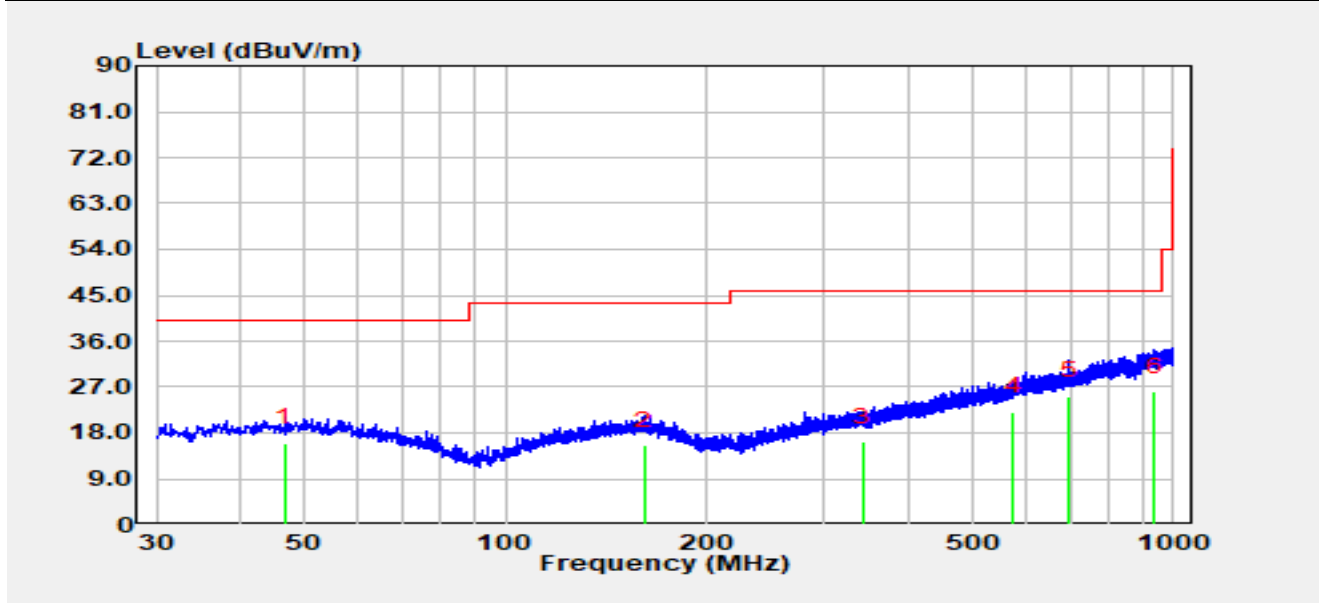


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		53.77	-2.77	18.22	15.45	-24.55	40.00	QP
2		152.61	-3.02	18.16	15.14	-28.36	43.50	QP
3		392.10	-2.19	21.02	18.83	-27.17	46.00	QP
4		530.42	-2.13	24.10	21.97	-24.03	46.00	QP
5		753.72	-1.97	28.21	26.23	-19.77	46.00	QP
6	*	958.87	-4.30	30.59	26.30	-19.70	46.00	QP

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).
- The amplitude of radiated emissions (frequency range from 9 kHz to 30 MHz and 18 GHz to 40 GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site	WZ-AC1	Test Date	2025-10-28
Temperature	24.4°C	Humidity	40.3%
Limit	FCC_Part 15.209_RSE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by 802.11ax-HE20 at 5955 MHz		



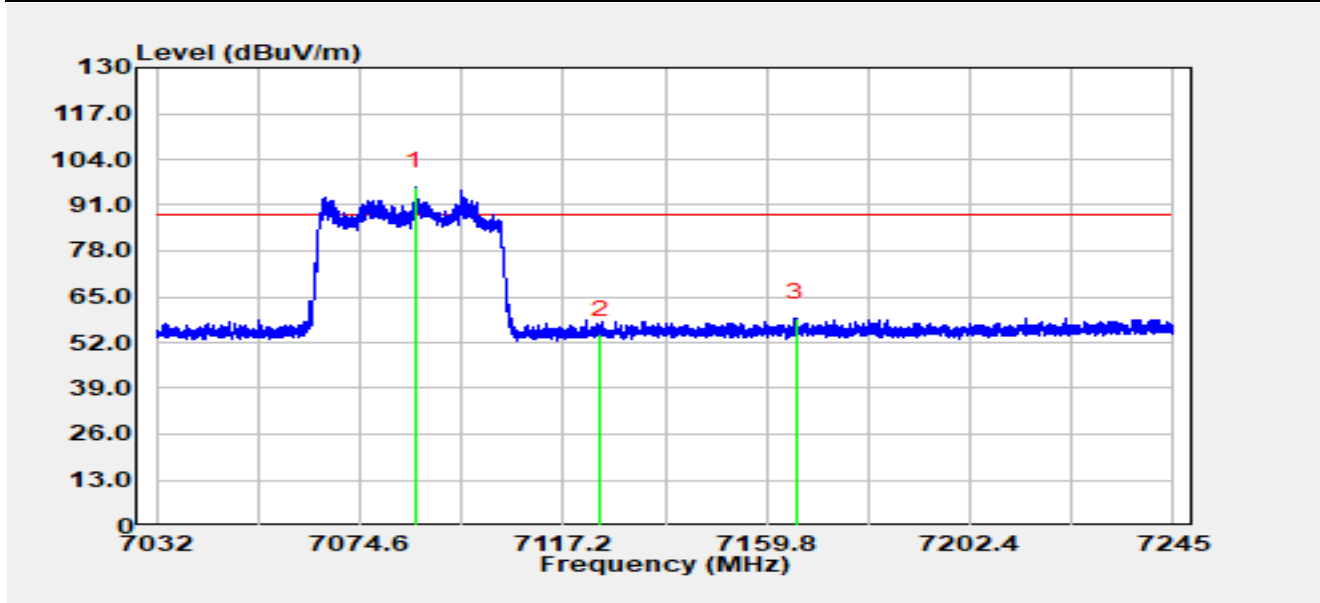
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		46.68	-2.24	18.28	16.04	-23.96	40.00	QP
2		161.34	-2.81	18.31	15.50	-28.00	43.50	QP
3		342.15	-3.65	19.81	16.15	-29.85	46.00	QP
4		575.72	-2.88	25.00	22.12	-23.88	46.00	QP
5		697.17	-1.90	27.06	25.16	-20.84	46.00	QP
6	*	935.59	-3.96	30.10	26.14	-19.86	46.00	QP

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).
4. The amplitude of radiated emissions (frequency range from 9 kHz to 30 MHz and 18 GHz to 40 GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

A.5 Radiated Restricted Band Edge Test Result

Site	WZ-AC2	Test Date	2025-10-29
Temperature	24.9 °C	Humidity	43.9%
Limit	FCC_6G RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by 802.11ax-HE40 at 7085 MHz		

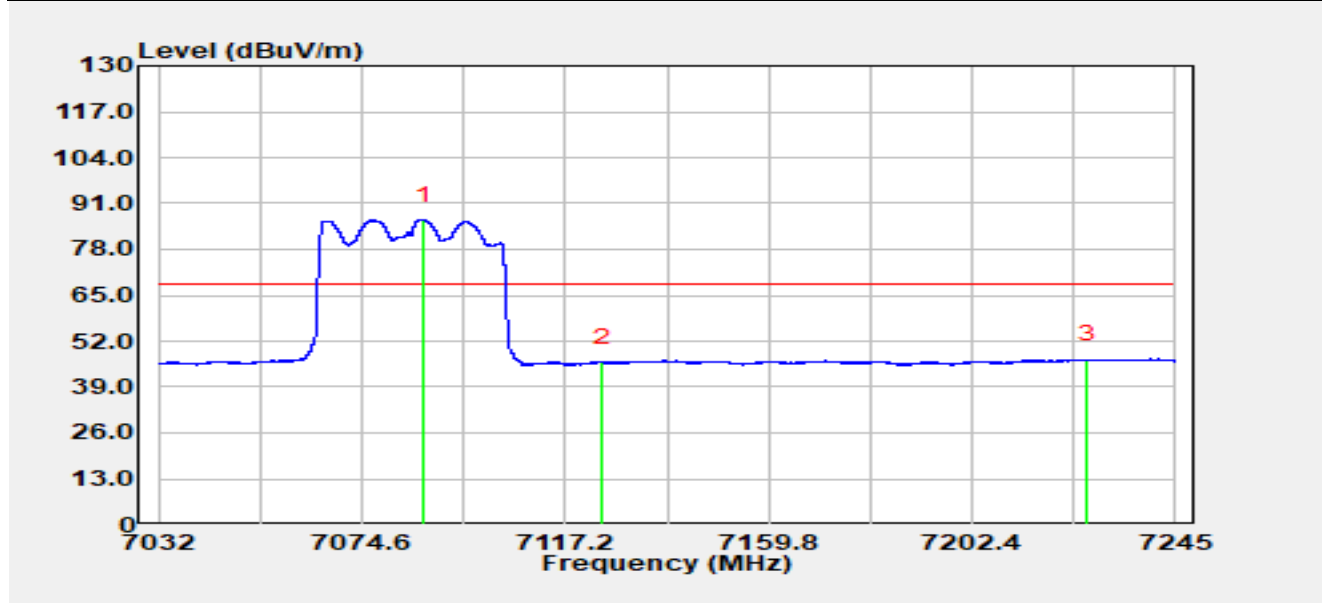


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		7086.27	69.83	26.54	96.37	N/A	N/A	Peak
2		7125.00	27.59	26.71	54.30	-33.90	88.20	Peak
3	*	7165.85	32.15	26.84	58.99	-29.21	88.20	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-10-29
Temperature	24.9 °C	Humidity	43.9%
Limit	FCC_6G RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by 802.11ax-HE40 at 7085 MHz		

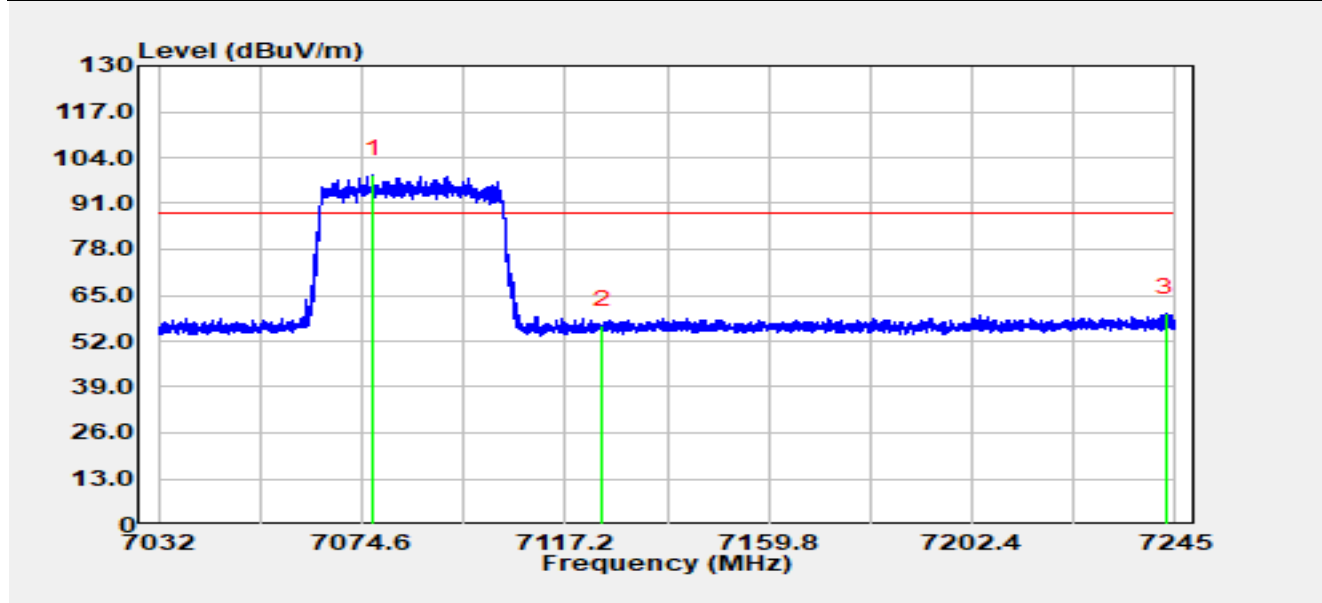


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		7087.72	59.81	26.53	86.34	N/A	N/A	Average
2		7125.00	19.37	26.71	46.08	-22.12	68.20	Average
3	*	7226.47	19.53	27.25	46.78	-21.42	68.20	Average

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-10-29
Temperature	24.9 °C	Humidity	43.9%
Limit	FCC_6G RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by 802.11ax-HE40 at 7085 MHz		

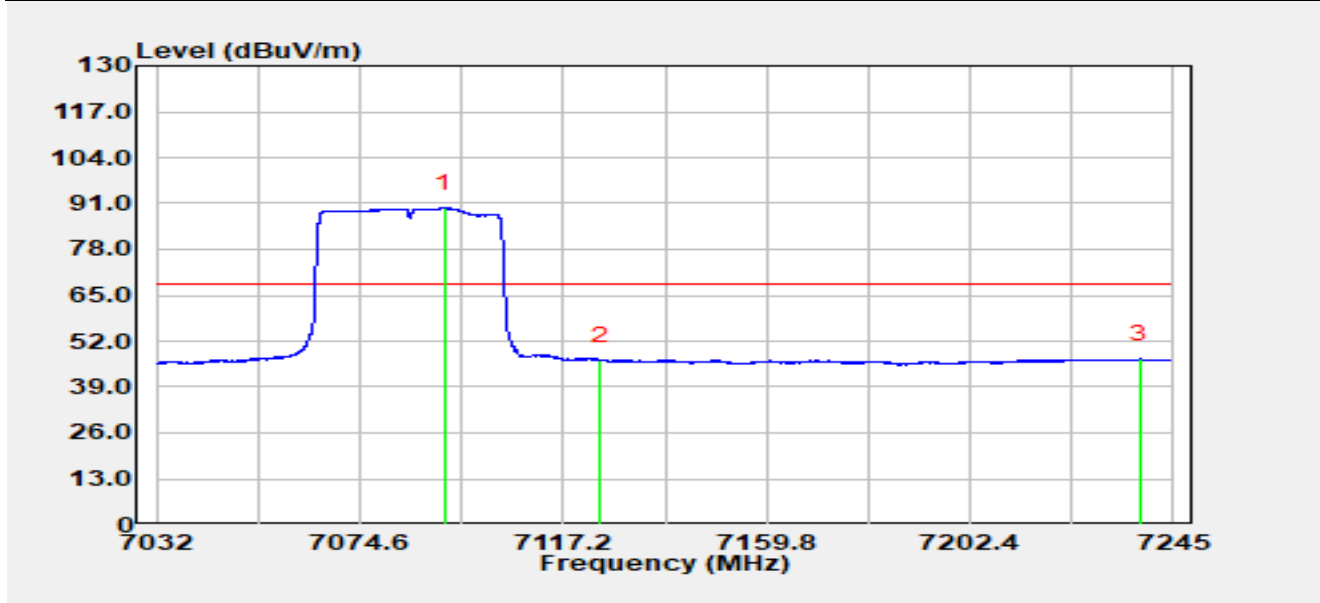


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		7076.99	72.54	26.59	99.13	N/A	N/A	Peak
2		7125.00	29.73	26.71	56.44	-31.76	88.20	Peak
3	*	7243.06	32.54	27.32	59.86	-28.34	88.20	Peak

Notes:

1. " *" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-10-29
Temperature	24.9 °C	Humidity	43.9%
Limit	FCC_6G RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by 802.11ax-HE40 at 7085 MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		7092.24	63.20	26.50	89.70	N/A	N/A	Average
2		7125.00	19.77	26.71	46.48	-21.72	68.20	Average
3	*	7238.01	19.56	27.35	46.91	-21.29	68.20	Average

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Appendix B - Test Setup Photograph

Refer to "R25S1042095-UT" file.



Appendix C - EUT Photograph

Refer to "R25S1042095-UE" file.

_____ The End _____