

7.5 Contention Based Protocol

FCC §15.407(d), RSS-248 (4.7)

Test Mode : Set to Lowest channel, Middle channel and Highest channel

Result

Band	Frequency (MHz)	AWGN Signal Frequency (MHz)	Threshold Level (dBm)	Status	Number of detected (out of 10 times)	Detection Rate (%)	Limit (%)	Test Result
U-NII-5	6 185	6 110	-72.2	Ceased	10	100	90	PASS
			-73.1	Minimal	-	-	-	-
			-77.4	Normal	-	-	-	-
		6 185	-69.3	Ceased	10	100	90	PASS
			-72.7	Minimal	-	-	-	-
			-77.8	Normal	-	-	-	-
		6 260	-73.0	Ceased	10	100	90	PASS
			-74.9	Minimal	-	-	-	-
			-77.7	Normal	-	-	-	-
U-NII-6	6 505	6 430	-71.5	Ceased	10	100	90	PASS
			-72.0	Minimal	-	-	-	-
			-78.8	Normal	-	-	-	-
		6 505	-68.6	Ceased	10	100	90	PASS
			-68.6	Minimal	-	-	-	-
			-78.6	Normal	-	-	-	-
		6 580	-68.3	Ceased	10	100	90	PASS
			-68.4	Minimal	-	-	-	-
			-70.7	Normal	-	-	-	-

Band	Frequency (MHz)	AWGN Signal Frequency (MHz)	Threshold Level (dBm)	Status	Number of detected (out of 10 times)	Detection Rate (%)	Limit (%)	Test Result
U-NII-7	6 665	6 590	-71.9	Ceased	10	100	90	PASS
			-72.1	Minimal	-	-	-	-
			-74.2	Normal	-	-	-	-
		6 665	-68.3	Ceased	10	100	90	PASS
			-68.5	Minimal	-	-	-	-
			-70.7	Normal	-	-	-	-
		6 740	-73.8	Ceased	10	100	90	PASS
			-73.9	Minimal	-	-	-	-
			-75.7	Normal	-	-	-	-
U-NII-8	6 985	6 910	-72.2	Ceased	10	100	90	PASS
			-72.4	Minimal	-	-	-	-
			-79.5	Normal	-	-	-	-
		6 985	-67.8	Ceased	10	100	90	PASS
			-68.0	Minimal	-	-	-	-
			-69.6	Normal	-	-	-	-
		7 060	-72.2	Ceased	10	100	90	PASS
			-72.6	Minimal	-	-	-	-
			-74.6	Normal	-	-	-	-

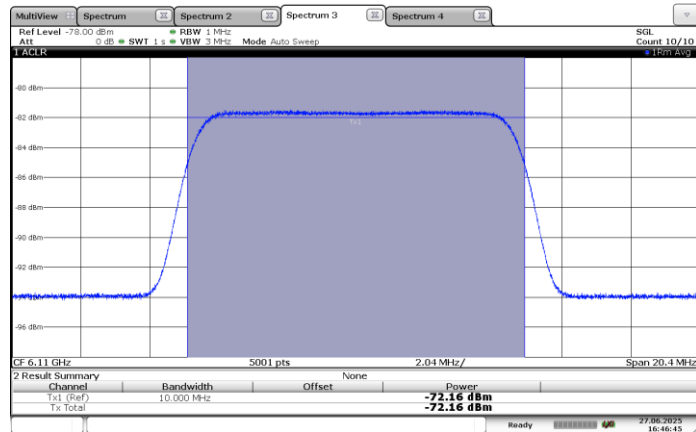
Notes:

- Threshold level (dBm) = -62 dBm + Min.Antenna Gain(dB)
- Test item was performed at one chain only.
- Ceased: The level at which no transmission is detected, consistently for a minimum period of 10 seconds.
Minimal: The AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently.
Normal: The level at which there is no apparent detection and the operation of the EUT is still considered optimal.
- The pair of this product was used as companion device.

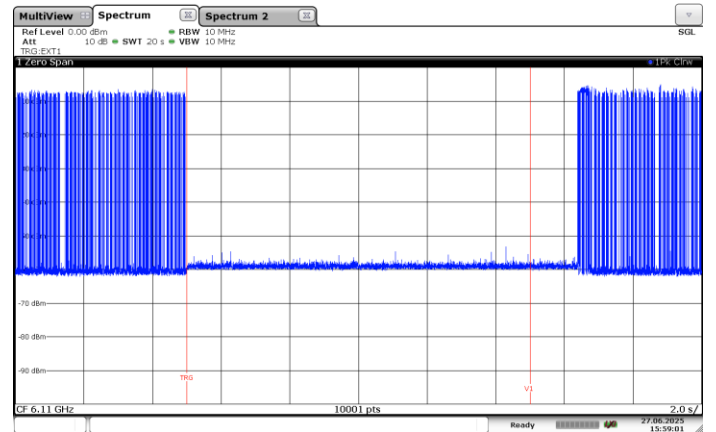
PLOTS OF EMISSIONS

U-NII-5

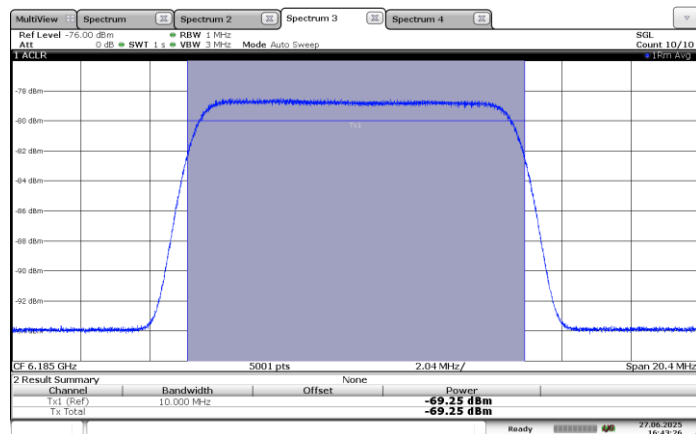
injected Power at Low Edge



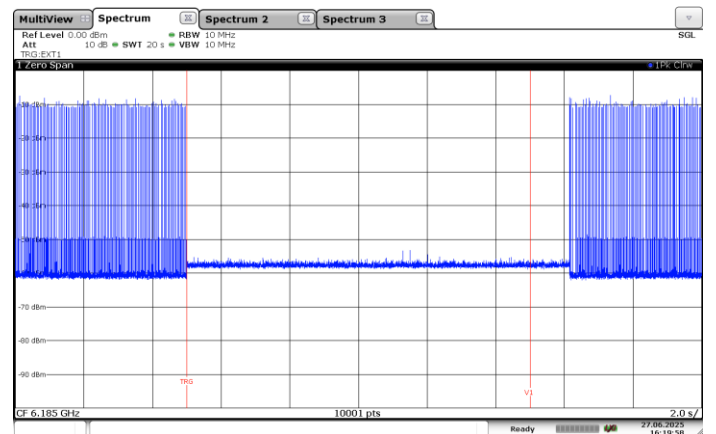
Cased at Low Edge



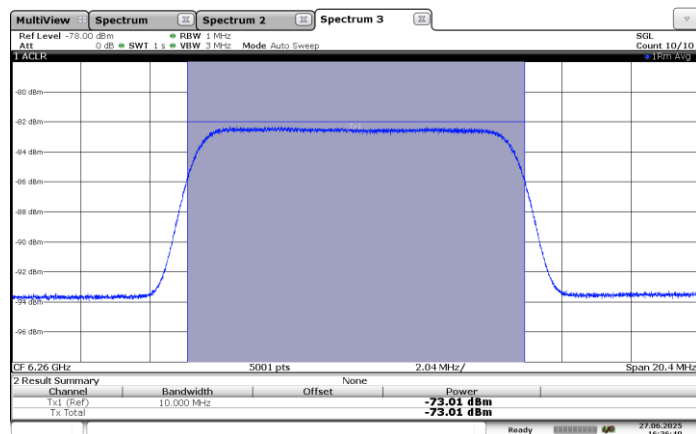
injected Power at Center



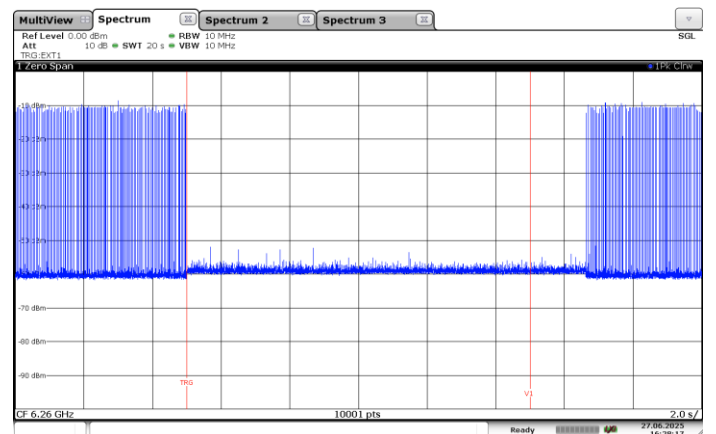
Ceased at Center



injected Power at High Edge

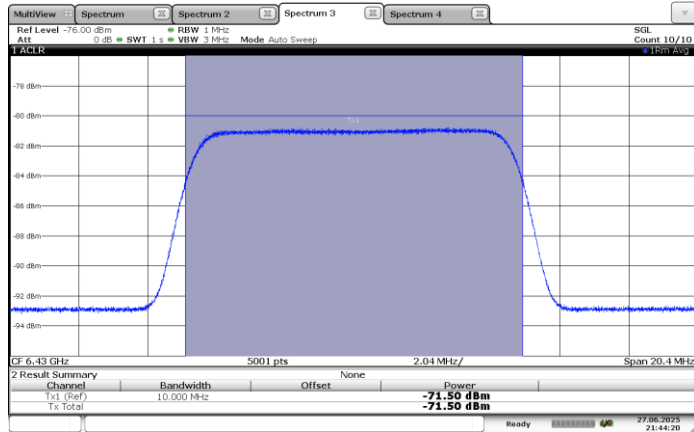


Ceased at High Edge

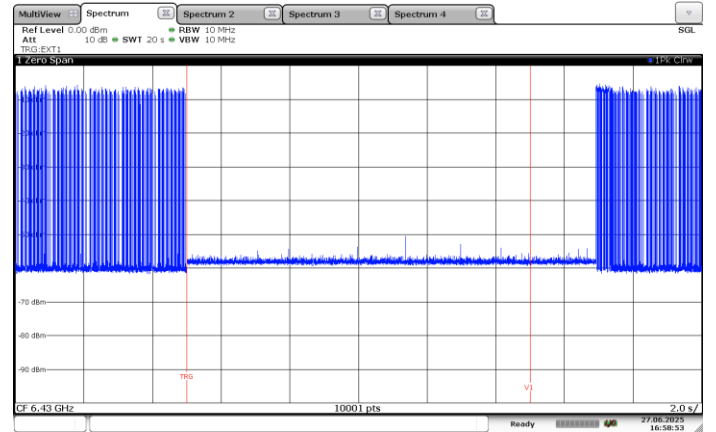


U-NII-6

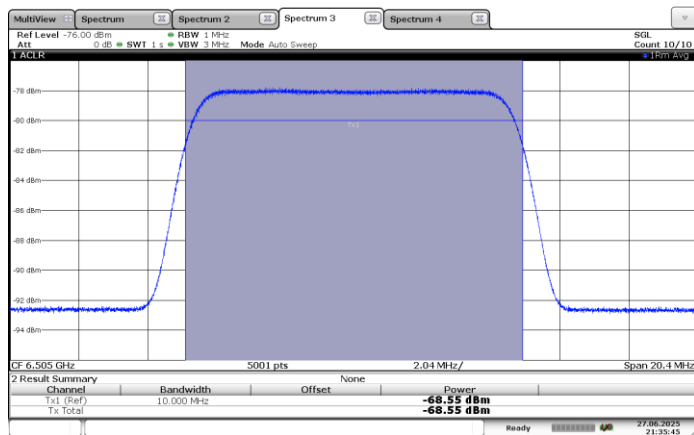
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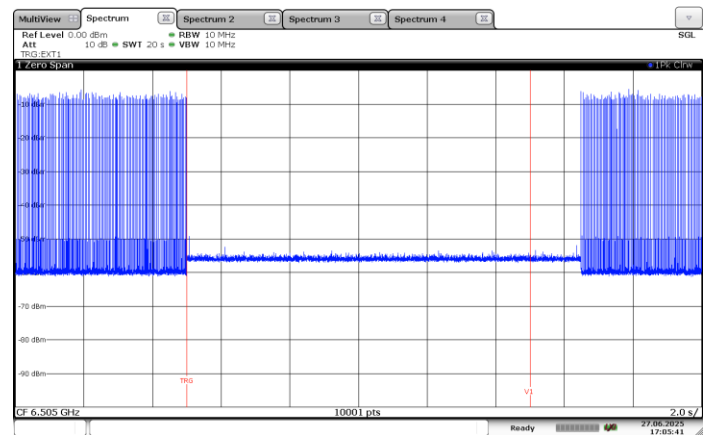
Cased at Low Edge



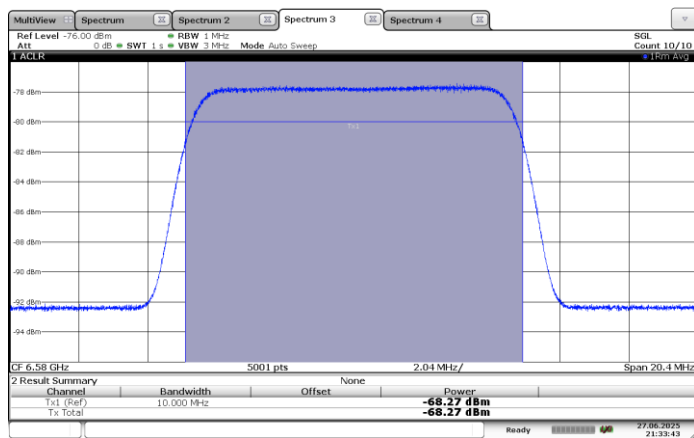
injected Power at Center



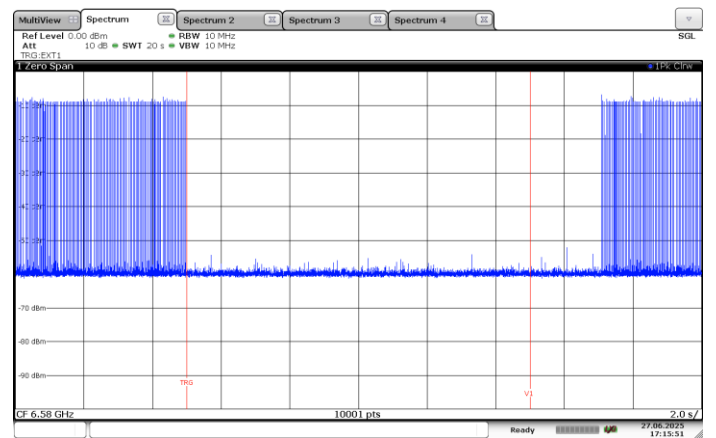
Ceased at Center



injected Power at High Edge

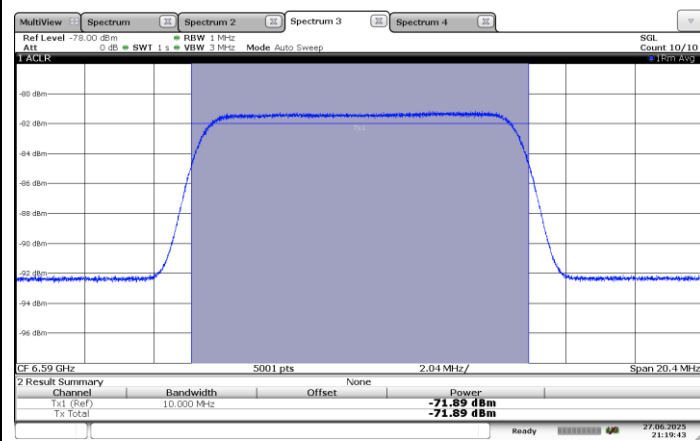


Ceased at High Edge

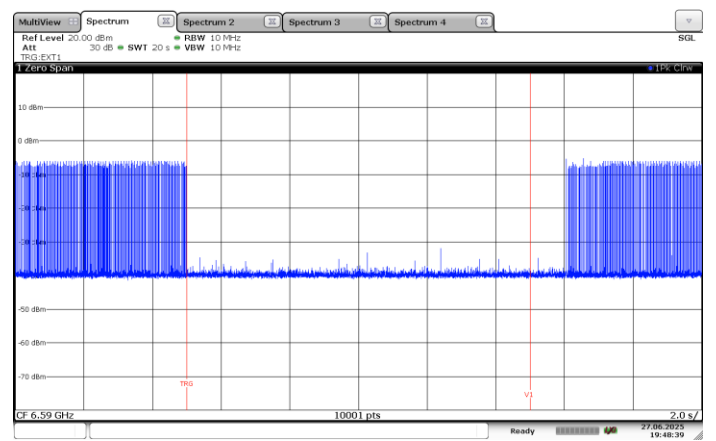


U-NII-7

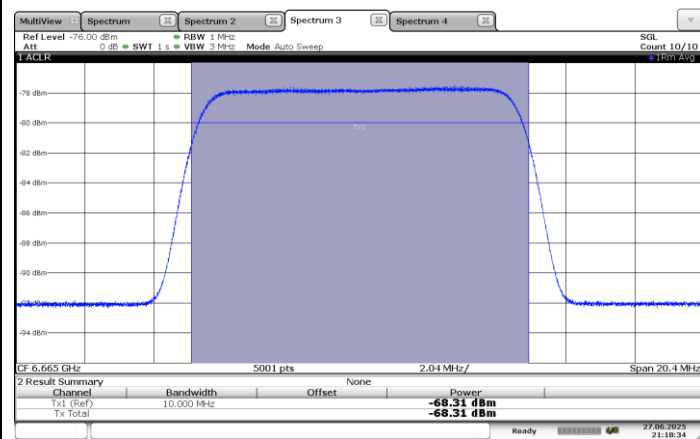
injected Power at Low Edge



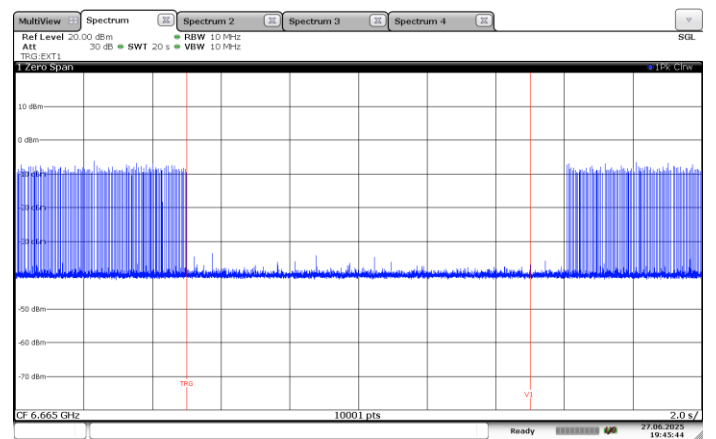
Cased at Low Edge



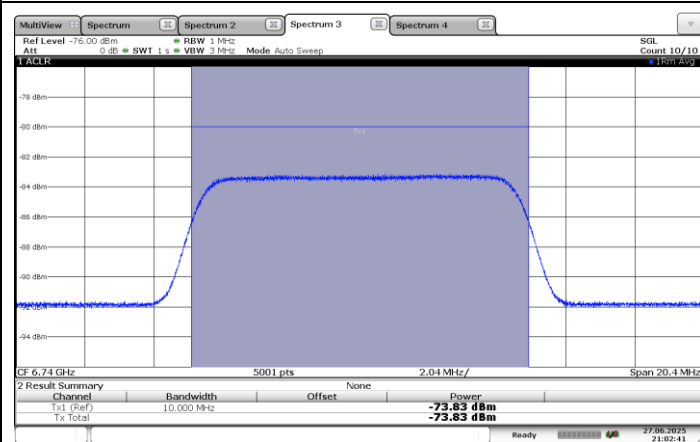
injected Power at Center



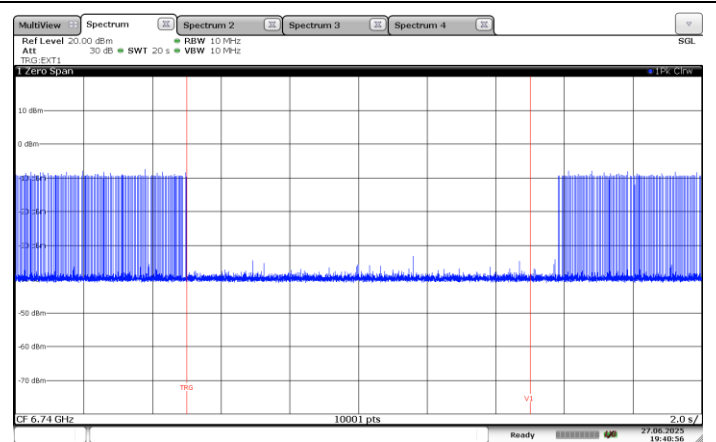
Ceased at Center



injected Power at High Edge

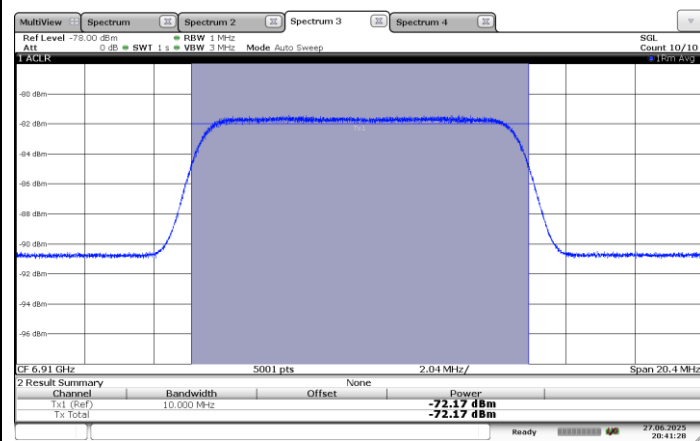


Ceased at High Edge

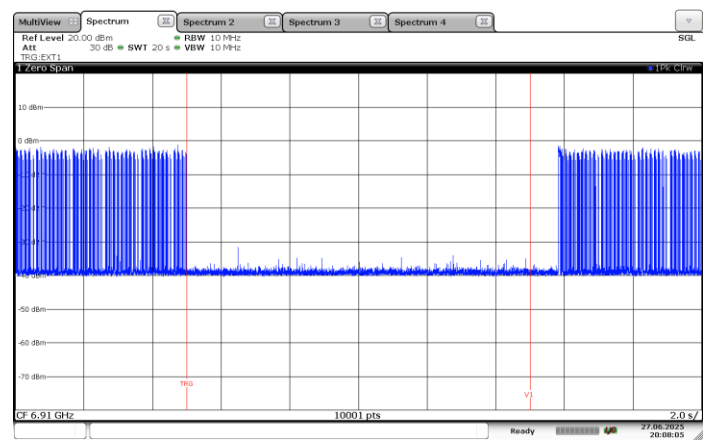


U-NII-8

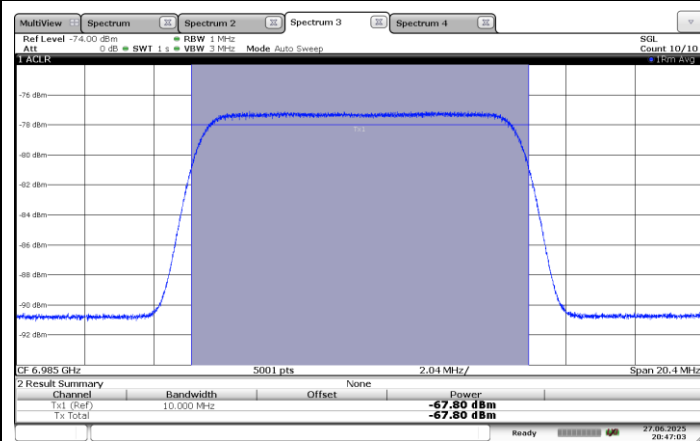
injected Power at Low Edge



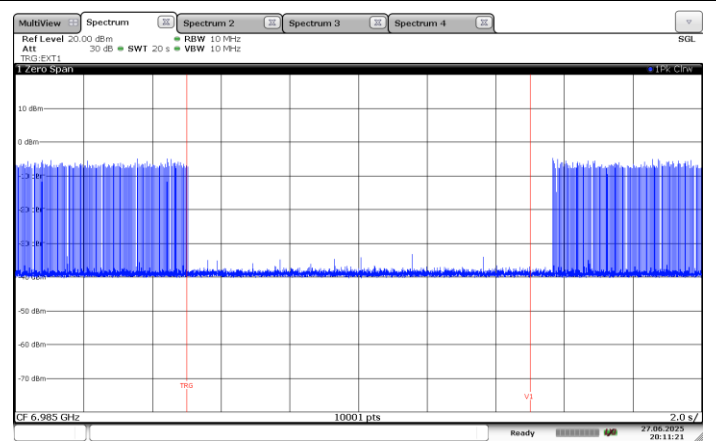
Cased at Low Edge



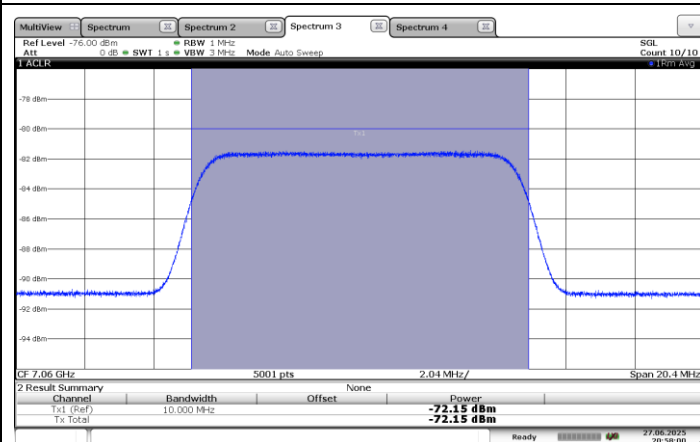
injected Power at Center



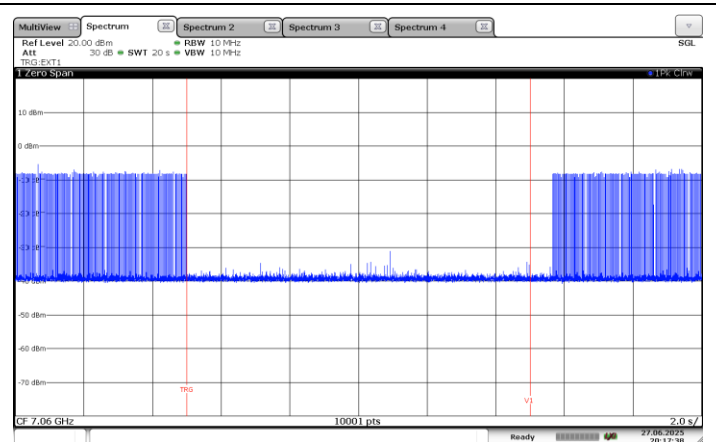
Ceased at Center



injected Power at High Edge



Ceased at High Edge



7.6 Radiated Spurious Emissions

7.6.1 Radiated Spurious Emissions – U-NII-5 Band

FCC §15.209, §15.407(b), RSS-Gen (8.9),(8.10), RSS-247 6.2

Test Mode : Set to Lowest channel, Middle channel and Highest channel

Result

802.11ax(160 MHz) - Lowest channel

Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode*	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
7 935.72	40.61	V	PK	13.6	54.21	68.20	13.99
7 940.40	30.43	V	AV	13.6	44.03	54.00	9.97
12 049.04	36.16	V	PK	19.6	55.76	68.20	12.44
12 070.32	27.22	V	AV	19.7	46.92	54.00	7.08

802.11ax(160 MHz) - Middle channel

Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode*	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 759.80	45.85	H	PK	5.8	51.65	68.20	16.55
5 759.88	41.67	H	AV	5.8	47.47	54.00	6.53
12 380.88	46.58	H	PK	19.8	66.38	68.20	1.82
12 360.00	31.67	H	AV	19.8	51.47	54.00	2.53

802.11ax(160 MHz) - Highest channel

Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode*	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 759.76	46.43	H	PK	5.8	52.23	68.20	15.97
5 759.88	41.96	H	AV	5.8	47.76	54.00	6.24
12 684.40	35.83	V	PK	14.7	50.53	68.20	17.67
12 558.90	25.31	H	AV	14.9	40.21	54.00	13.79

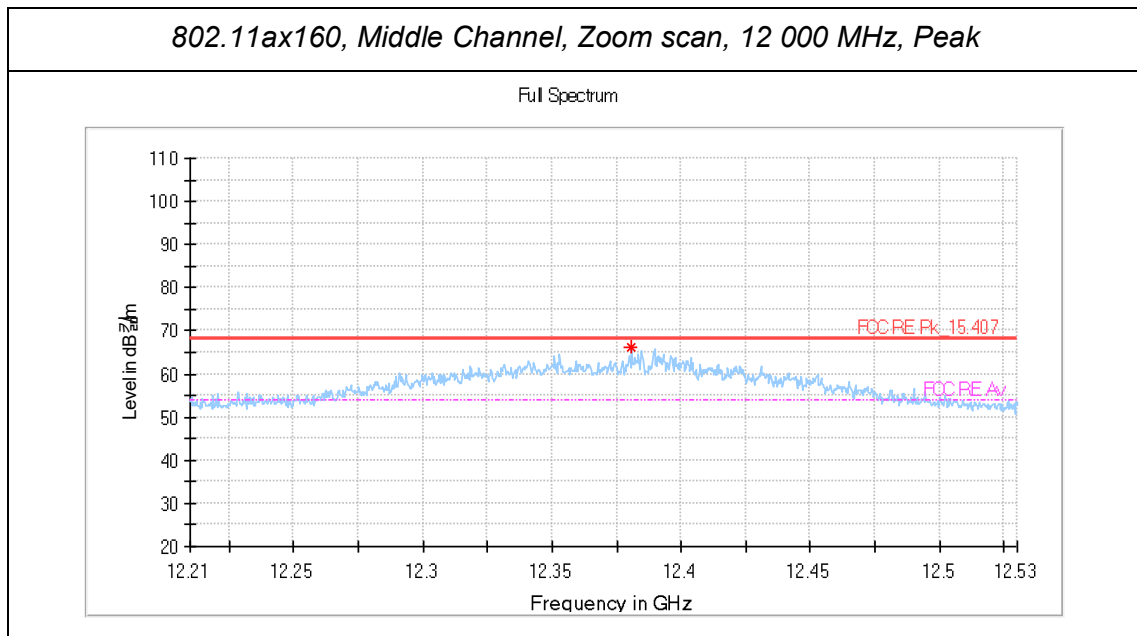
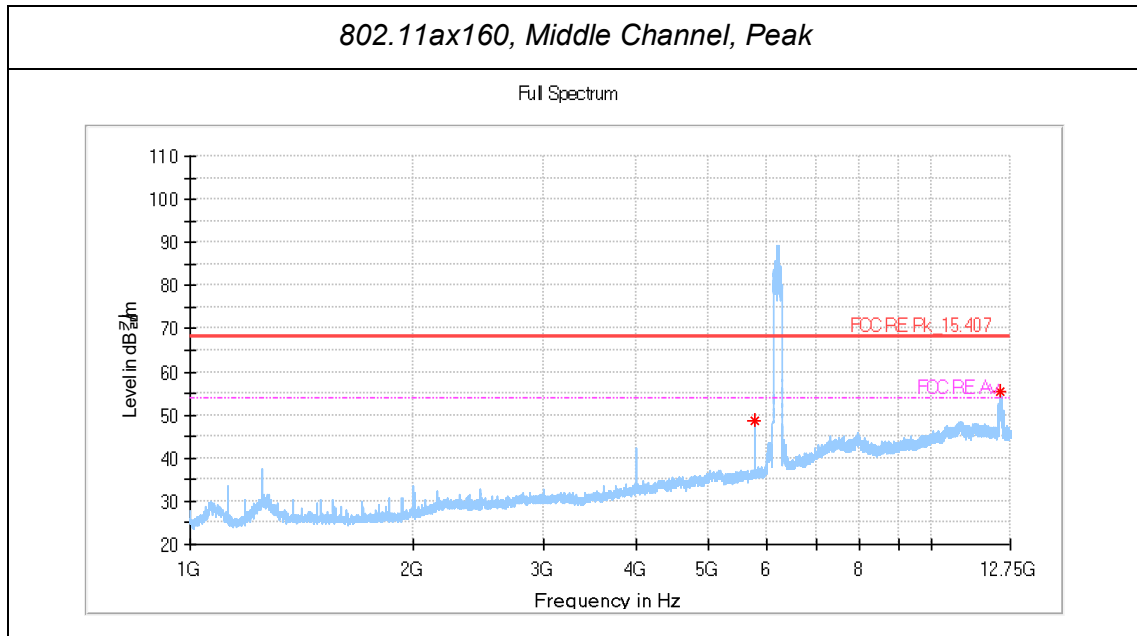
Notes:

- *Pol. : H = Horizontal, V = Vertical, Mode : PK = Peak, AV = Average
- **AF + CL + Amp. = Antenna Factor + Cable Loss + Amplifier.
- Nothing detected above 18GHz
- Other spurious was under 20 dB below Fundamental.
- The radiated emissions testing were made by rotating EUT through three orthogonal axes and rotating the receive antenna with horizontal, vertical polarization.

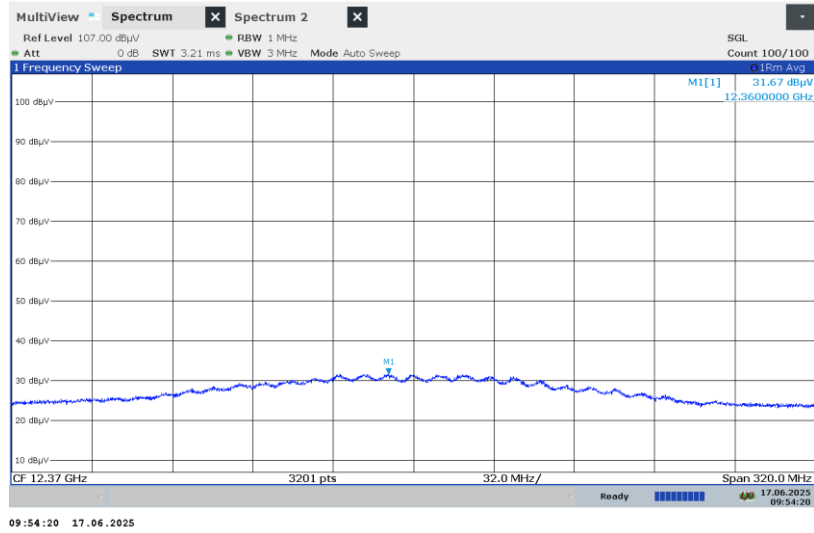
6. Peak emissions were measured using RBW = 1 MHz, VBW = 3 MHz, Detector = Peak.
7. Average emissions were measured using RBW = 1 MHz, VBW = 10 kHz, Detector = Peak.
8. The spectrum was measured from 1 GHz to 10th harmonic and the worst-case emissions were reported.

PLOTS OF EMISSIONS

Worst Case



802.11ax160, Middle Channel, Zoom scan, 12 000 MHz, Average



7.6.2 Radiated Spurious Emissions – U-NII-6 Band

FCC §15.209, §15.407(b), RSS-Gen (8.9),(8.10), RSS-247 6.2

Test Mode : Set to Lowest channel, Middle channel and Highest channel

Result

802.11ax(160 MHz)

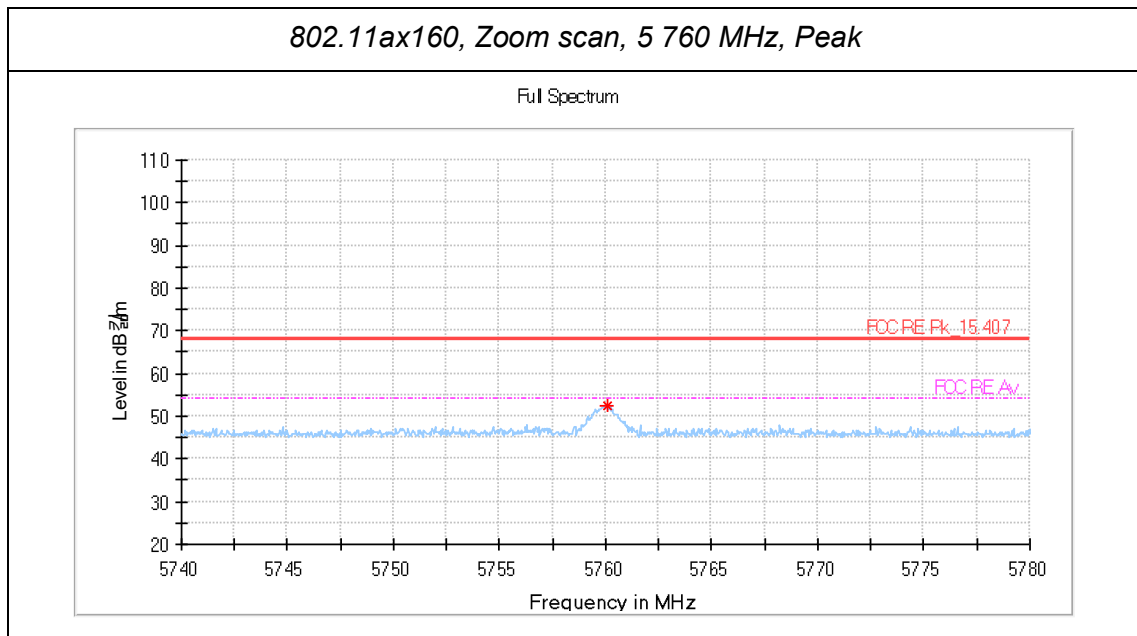
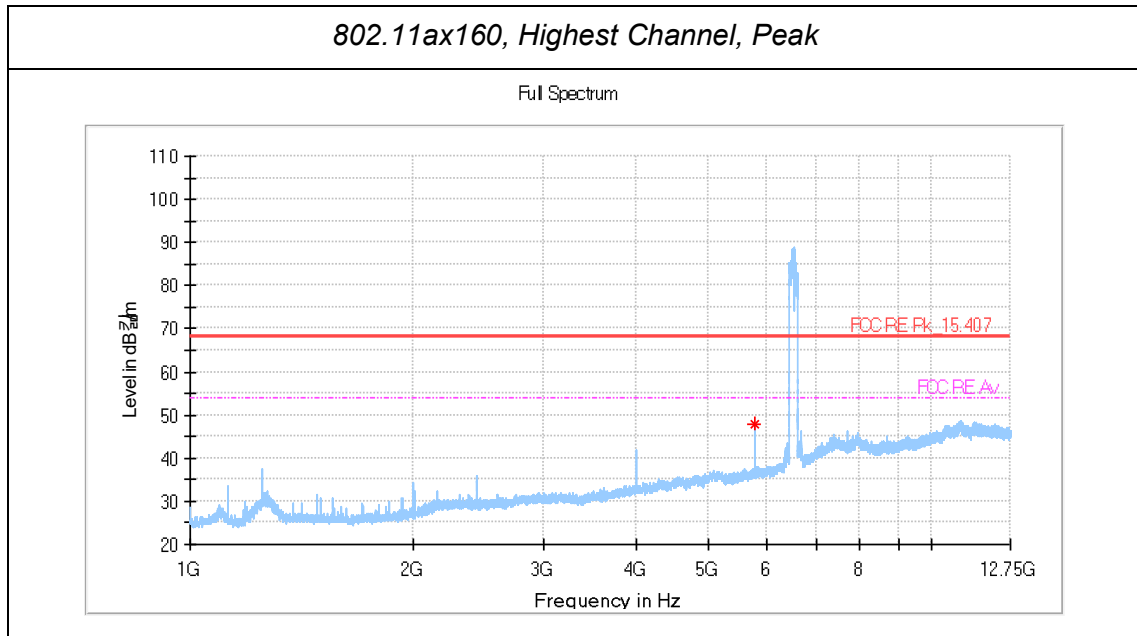
Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode*	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 760.08	46.81	H	PK	5.8	52.61	68.20	15.59
5 759.92	42.20	H	AV	5.8	48.00	54.00	6.00

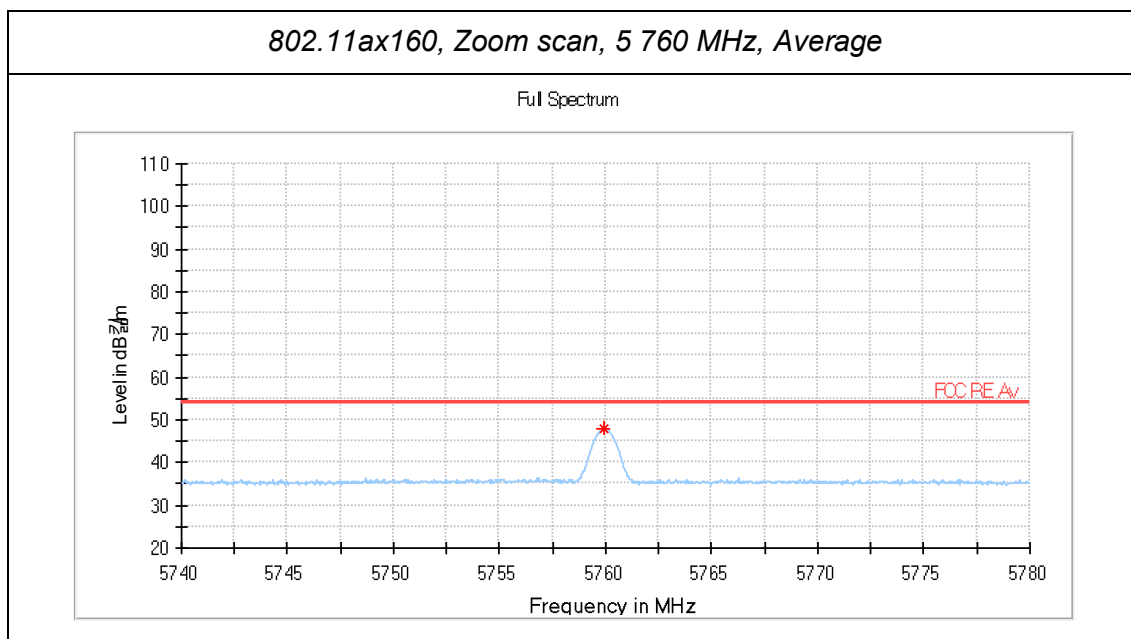
Notes:

- *Pol. : H = Horizontal, V = Vertical, Mode : PK = Peak, AV = Average
- **AF + CL + Amp. = Antenna Factor + Cable Loss + Amplifier.
- Nothing detected above 18GHz
- Other spurious was under 20 dB below Fundamental.
- The radiated emissions testing were made by rotating EUT through three orthogonal axes and rotating the receive antenna with horizontal, vertical polarization.
- Peak emissions were measured using RBW = 1 MHz, VBW = 3 MHz, Detector = Peak.
- Average emissions were measured using RBW = 1 MHz, VBW = 10 kHz, Detector = Peak.
- The spectrum was measured from 1 GHz to 10th harmonic and the worst-case emissions were reported.

PLOTS OF EMISSIONS

Worst Case





7.6.3 Radiated Spurious Emissions – U-NII-7 Band

FCC §15.209, §15.407(b), RSS-Gen (8.9),(8.10), RSS-247 6.2

Test Mode : Set to Lowest channel, Middle channel and Highest channel

Result

802.11ax(160 MHz) - Lowest channel

Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode*	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 759.84	47.90	H	PK	5.8	53.70	68.20	14.50
5 760.08	44.64	H	AV	5.8	50.44	54.00	3.56

802.11ax(160 MHz) – Middle channel

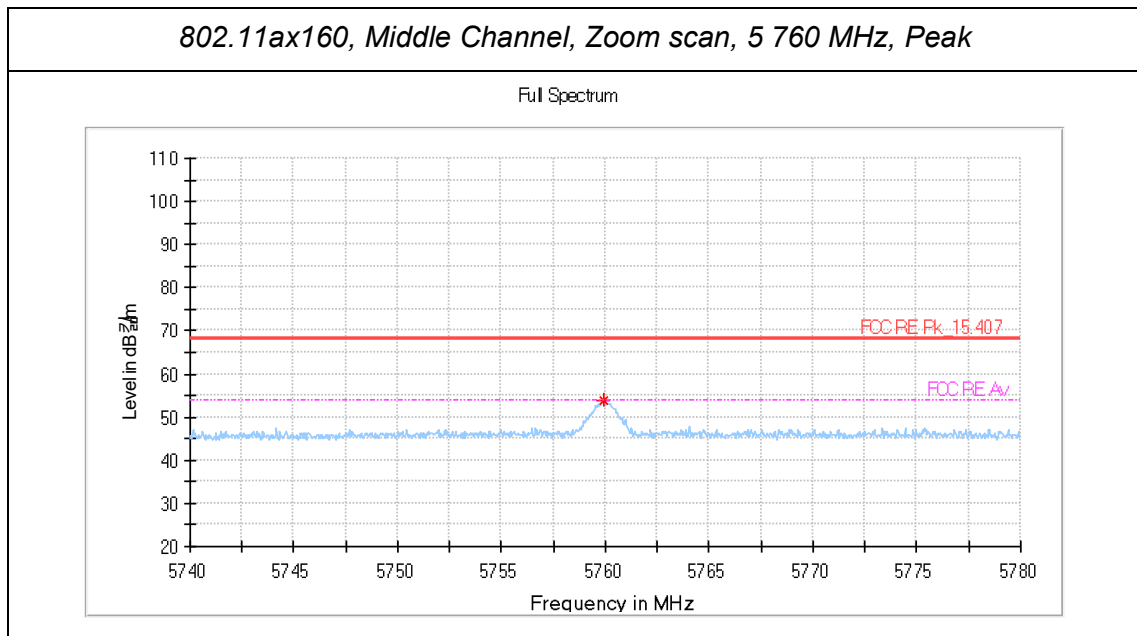
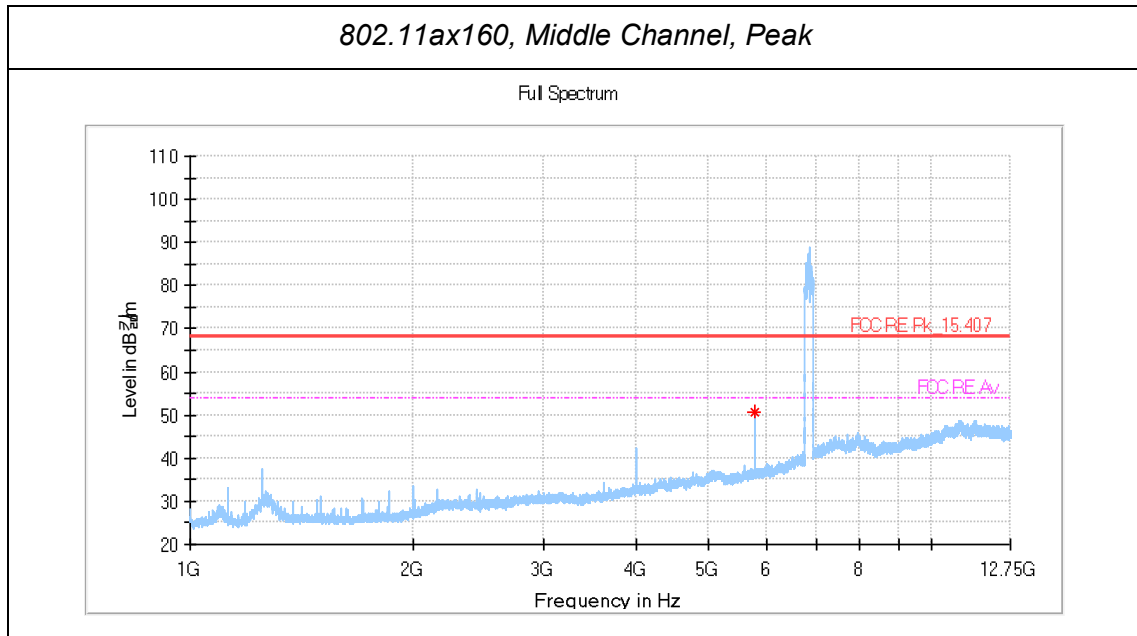
Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode*	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 759.92	48.00	H	PK	5.8	53.80	68.20	14.40
5 759.96	44.68	H	AV	5.8	50.48	54.00	3.52

Notes:

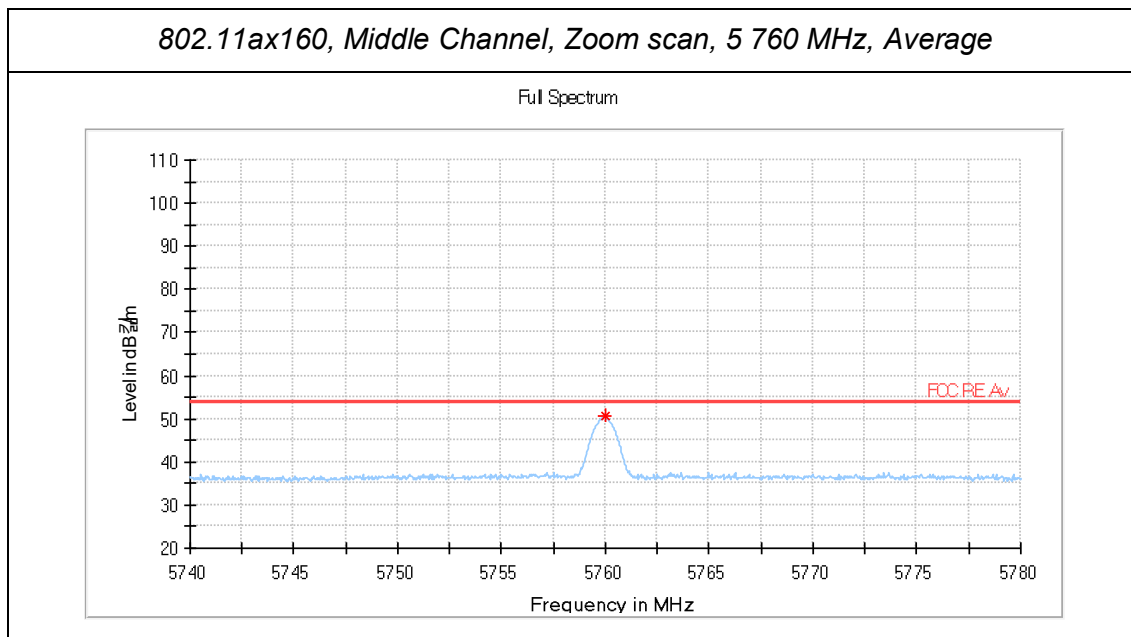
- *Pol. : H = Horizontal, V = Vertical, Mode : PK = Peak, AV = Average
- **AF + CL + Amp. = Antenna Factor + Cable Loss + Amplifier.
- Nothing detected above 18GHz
- Other spurious was under 20 dB below Fundamental.
- The radiated emissions testing were made by rotating EUT through three orthogonal axes and rotating the receive antenna with horizontal, vertical polarization.
- Peak emissions were measured using RBW = 1 MHz, VBW = 3 MHz, Detector = Peak.
- Average emissions were measured using RBW = 1 MHz, VBW = 10 kHz, Detector = Peak.
- The spectrum was measured from 1 GHz to 10th harmonic and the worst-case emissions were reported.

PLOTS OF EMISSIONS

Worst Case



802.11ax160, Middle Channel, Zoom scan, 5 760 MHz, Average



7.6.4 Radiated Spurious Emissions – U-NII-8 Band

FCC §15.209, §15.407(b), RSS-Gen (8.9),(8.10), RSS-247 6.2

Test Mode : Set to Lowest channel, Middle channel and Highest channel

Result

802.11ax(160 MHz) - Lowest channel

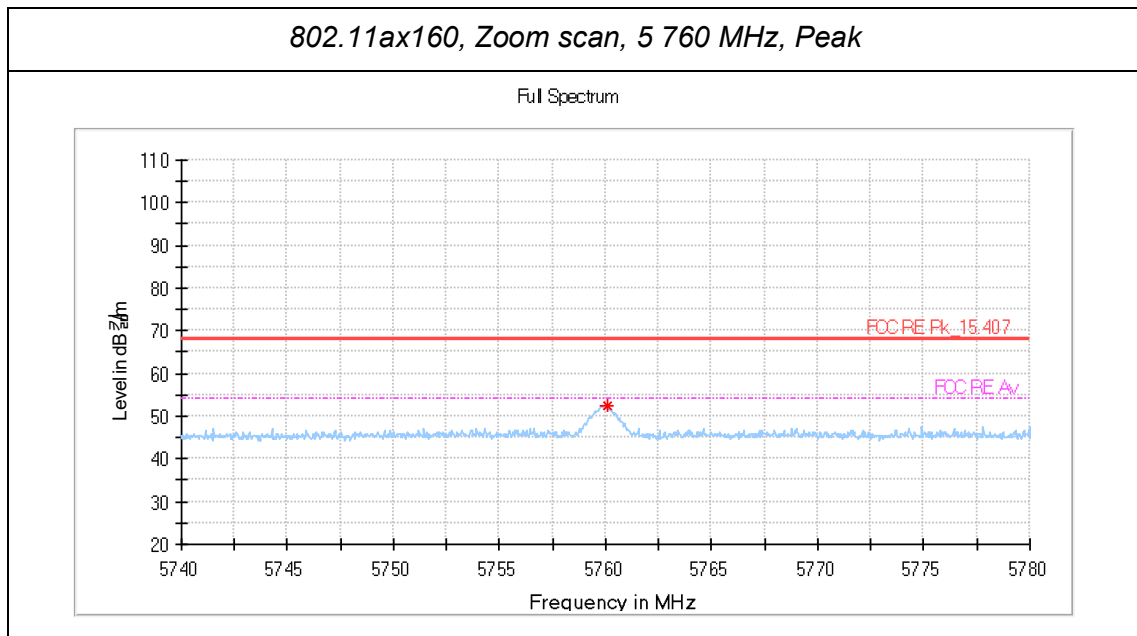
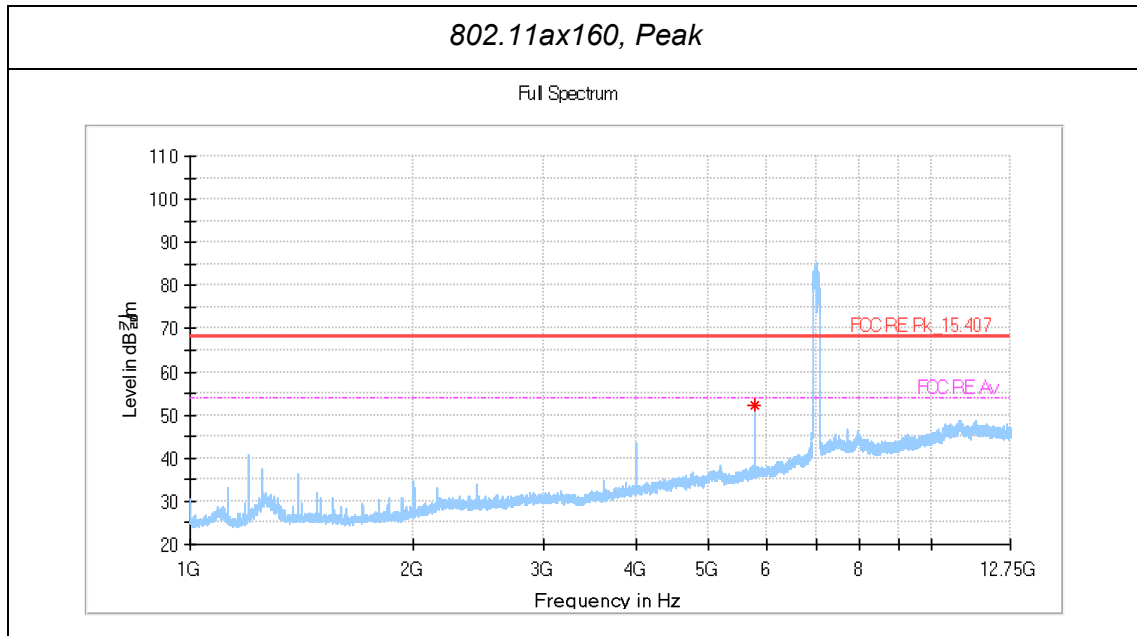
Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode*	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 760.08	46.54	H	PK	5.8	52.34	68.20	15.86
5 759.96	43.03	H	AV	5.8	48.83	54.00	5.17

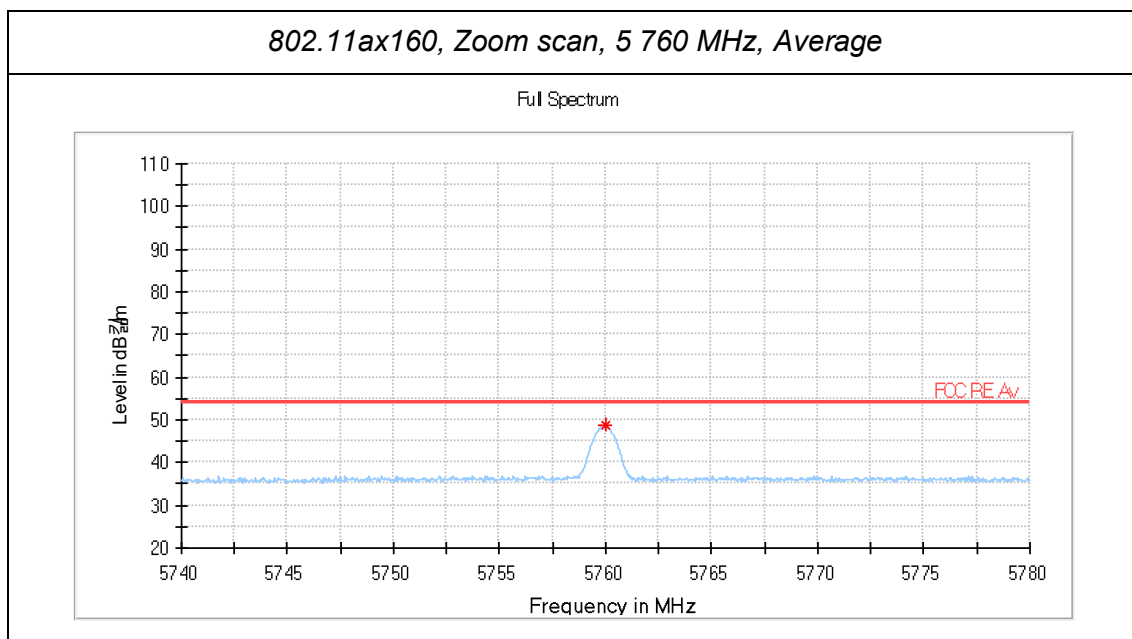
Notes:

- *Pol. : H = Horizontal, V = Vertical, Mode : PK = Peak, AV = Average
- **AF + CL + Amp. = Antenna Factor + Cable Loss + Amplifier.
- Nothing detected above 18GHz
- Other spurious was under 20 dB below Fundamental.
- The radiated emissions testing were made by rotating EUT through three orthogonal axes and rotating the receive antenna with horizontal, vertical polarization.
- Peak emissions were measured using RBW = 1 MHz, VBW = 3 MHz, Detector = Peak.
- Average emissions were measured using RBW = 1 MHz, VBW = 10 kHz, Detector = Peak.
- The spectrum was measured from 1 GHz to 10th harmonic and the worst-case emissions were reported.

PLOTS OF EMISSIONS

Worst Case





7.7 Radiated Band Edge

7.7.1 Radiated Band Edge – U-NII-5 Band

FCC §15.209, §15.407(b), RSS-Gen (8.9),(8.10), RSS-247 6.2

Test Mode : Set to Lowest channel and Highest channel

Result

802.11 ax(160 MHz) - Lowest Channel

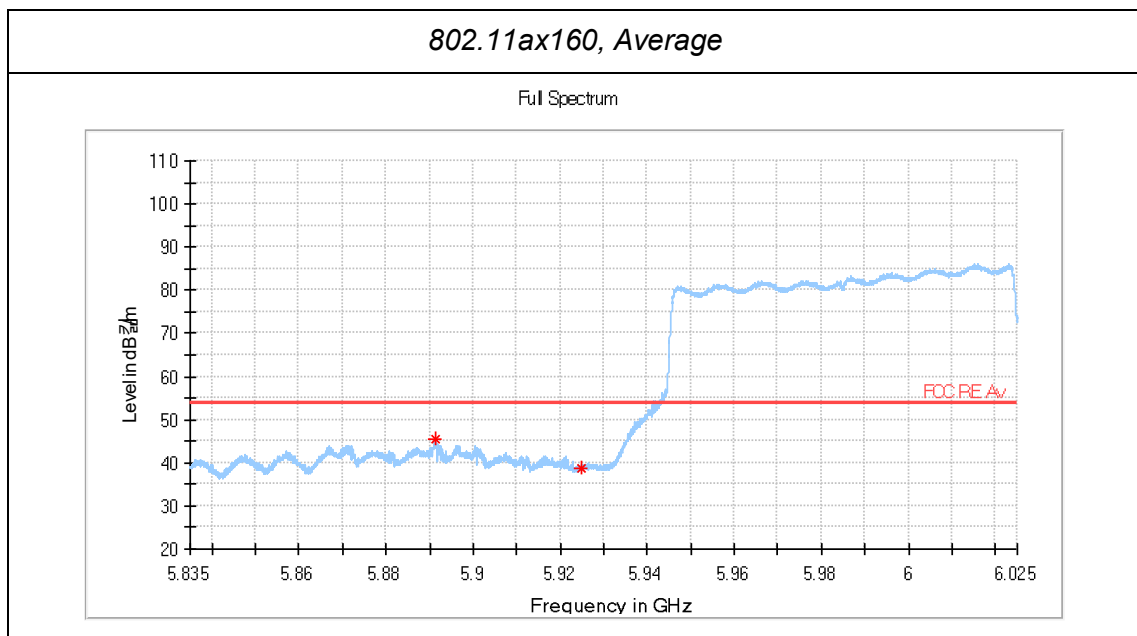
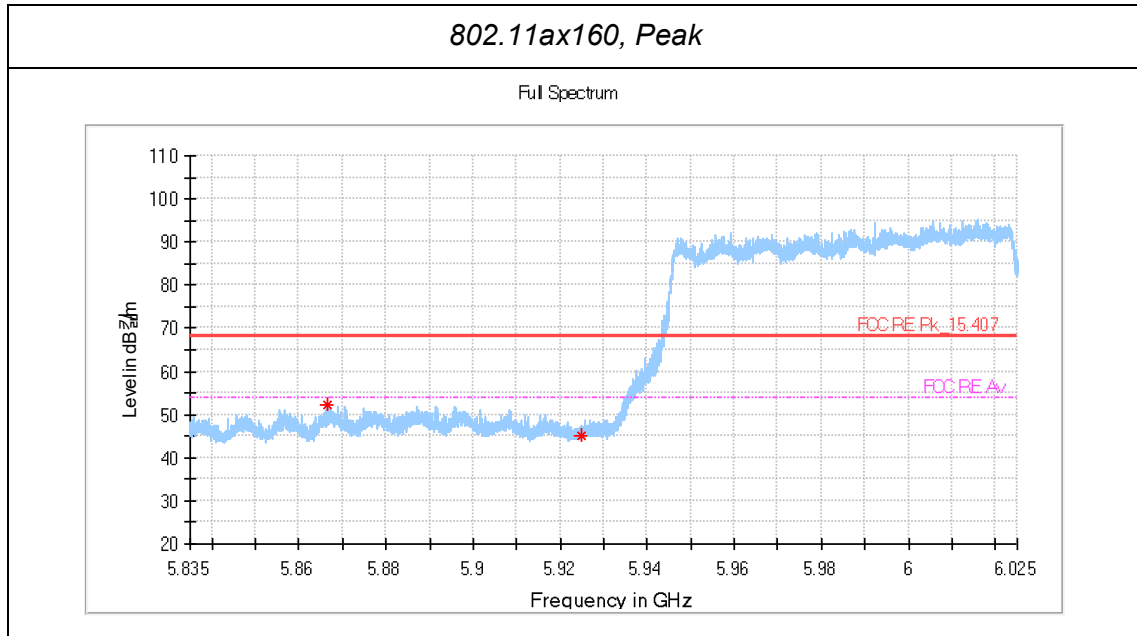
Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode*	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 866.49	45.92	H	PK	6.3	52.22	68.20	15.98
5 891.31	39.26	H	AV	6.3	45.56	54.00	8.44
5 925.01	39.18	H	PK	6.1	45.28	68.20	22.92
5 925.01	32.70	H	AV	6.1	38.80	54.00	15.20

Notes:

- *Pol. : H = Horizontal, V = Vertical, Mode : PK = Peak, AV = Average
- **AF + CL + Amp. = Antenna Factor + Cable Loss + Amplifier.
- Other spurious was under 20 dB below Fundamental.
- The radiated emissions testing were made by rotating EUT through three orthogonal axes and rotating the receive antenna with horizontal, vertical polarization.
- Peak emissions were measured using RBW = 1 MHz, VBW = 3 MHz, Detector = Peak.
- Average emissions were measured using RBW = 1 MHz, VBW = 10 kHz, Detector = Peak.

PLOTS OF EMISSIONS

Worst data



7.7.2 Radiated Band Edge – U-NII-8 Band

FCC §15.209, §15.407(b), RSS-Gen (8.9),(8.10), RSS-247 6.2

Test Mode : Set to Lowest channel and Highest channel

Result

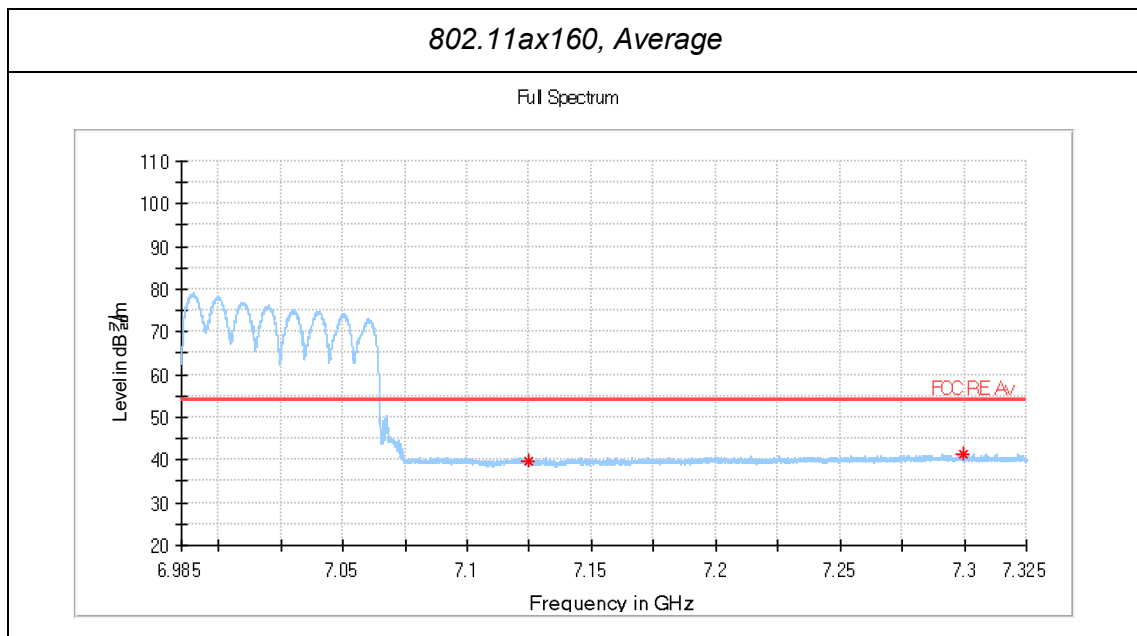
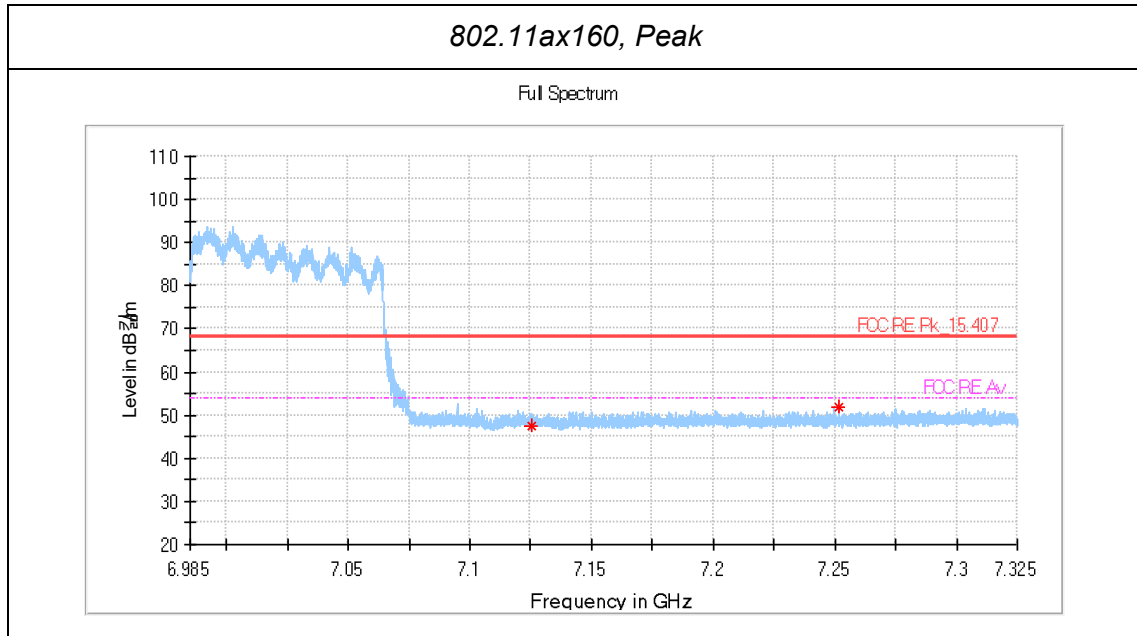
802.11 ax(160 MHz) mode

Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode*	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
7 125.04	35.92	V	PK	11.5	47.42	68.20	20.78
7 125.00	28.40	V	AV	11.5	39.90	54.00	14.10
7 251.73	40.04	H	PK	11.8	51.84	68.20	16.36
7 299.63	29.37	V	AV	12.0	41.37	54.00	12.64

Notes:

- *Pol. : H = Horizontal, V = Vertical, Mode : PK = Peak, AV = Average
- **AF + CL + Amp. = Antenna Factor + Cable Loss + Amplifier.
- Other spurious was under 20 dB below Fundamental.
- The radiated emissions testing were made by rotating EUT through three orthogonal axes and rotating the receive antenna with horizontal, vertical polarization.
- Peak emissions were measured using RBW = 1 MHz, VBW = 3 MHz, Detector = Peak.
- Average emissions were measured using RBW = 1 MHz, VBW = 10 kHz, Detector = Peak.

PLOTS OF EMISSIONS



7.8 Radiated Emissions_Below 1GHz

FCC §15.209, RSS-Gen (8.9)

Result

802.11 ax mode U-NII-5

Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
41.54	35.51	V	QP	-6.8	28.74	40.00	11.26
49.98	34.83	V	QP	-5.6	29.28	40.00	10.72
359.96	44.03	H	QP	-3.2	40.87	46.00	5.13
503.46	36.26	H	QP	-1.0	35.30	46.00	10.70
706.32	30.96	H	QP	2.0	32.92	46.00	13.08
820.26	31.46	H	QP	3.7	35.16	46.00	10.84

Radiated Measurements at 3meters

Notes:

1. The worst-case emission was reported.
2. *Pol. : H = Horizontal, V = Vertical.
3. **AF + CL + Amp. = Antenna Factor + Cable Loss + Amplifier.
4. Measurements using CISPR quasi-peak mode below 1 GHz.
5. The radiated emissions testing were made by rotating EUT through three orthogonal axes and rotating the receive antenna with horizontal, vertical polarization. The worst data was recorded.
6. No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).
Per FCC part 15.31(o), test results were not reported.
Although these tests were performed other than open field test site, adequate comparison measurements were confirmed against 30 m open are test site.
Therefore, sufficient tests were made to demonstrate that the alternative site produces results that correlate with the one of tests made in an open field based on KDB 414788.
7. The limit is on the FCC §15.209.

PLOTS OF EMISSIONS

Worst Case

Radiated emission below 1GHz, U-NII-5



7.9 AC Line Conducted Emissions

FCC §15.207, RSS-Gen(8.8)

Result: N/P

7.10 Simultaneous radiation

FCC §15.205, §15.209, §15.207
RSS-Gen (8.8), (8.9), (8.10)

Test Mode :

Case	Bluetooth (BDR/EDR)	Bluetooth LE	5 GHz WLAN	6 GHz WLAN	Note
1	O	X	O	X	Worst Case1
2	O	X	X	O	Worst Case2
3	X	O	O	X	-
4	X	O	X	O	-

Result

- Worst Case 1

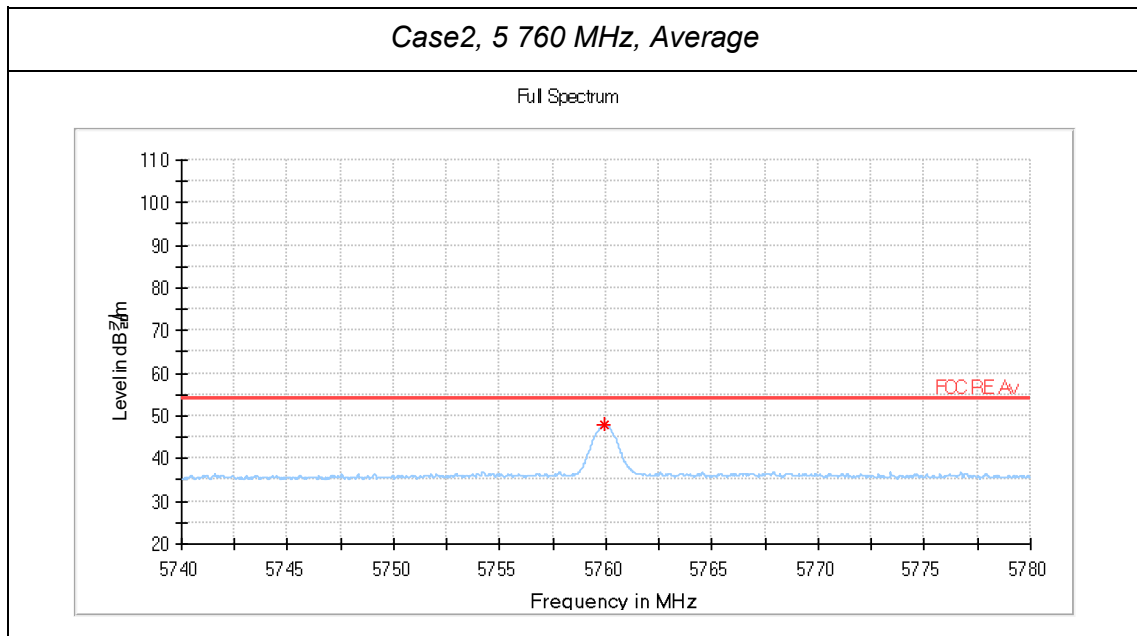
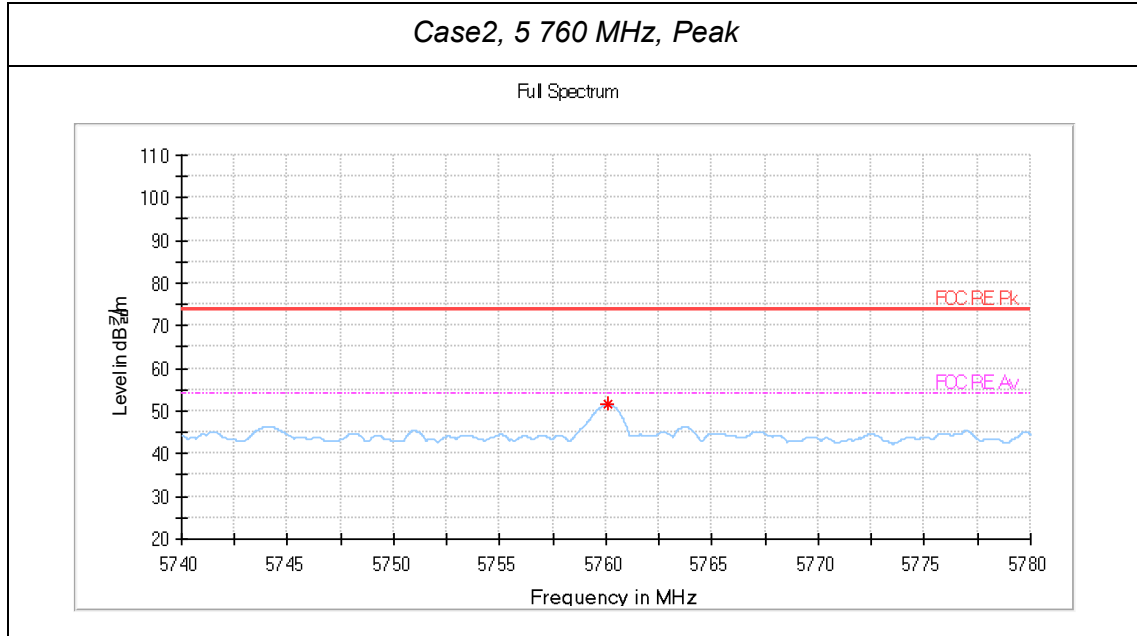
Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
4 000.66	45.72	V	PK	1.2	46.92	68.20	21.28
4 000.03	41.59	V	AV	1.2	42.79	54.00	11.21
4 801.94	40.39	H	PK	4.0	44.39	74.00	29.61
4 820.31	30.65	V	AV	4.0	34.65	54.00	19.36
11 475.60	36.45	H	PK	20.3	56.75	68.20	11.45
11 605.90	26.66	H	AV	20.1	46.76	54.00	7.24

-Worst Case 2

Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
4 000.26	45.89	V	PK	1.2	47.09	74.00	26.91
3 999.94	42.54	V	AV	1.2	43.74	54.00	10.26
5 760.09	44.89	H	PK	6.7	51.59	74.00	22.41
5 759.94	41.07	H	AV	6.7	47.77	54.00	6.23
7 205.54	40.18	H	PK	11.6	51.78	74.00	22.22
7 206.00	35.99	H	AV	11.6	47.59	54.00	6.41

PLOTS OF EMISSIONS

Worst Case



7.11 Frequency Stability

FCC §15.407
RSS-Gen (6.11)

Result

Temp (°C)	Voltage (V)	0 min			2 min		
		Frequency (Hz)	Gap (Hz)	P/F	Frequency (Hz)	Gap (Hz)	P/F
20 °C	3.30	6 024 950 643	22 041 000	Pass	6 024 952 453	22 042 809	Pass
	2.97	6 024 951 144	22 041 500	Pass	6 024 952 387	22 042 744	Pass
	3.63	6 024 951 261	22 041 618	Pass	6 024 952 345	22 042 702	Pass
Temp (°C)	Voltage (V)	5 min			10 min		
		Frequency (Hz)	Gap (Hz)	P/F	Frequency (Hz)	Gap (Hz)	P/F
20 °C	3.30	6 024 952 517	22 042 874	Pass	6 024 952 430	22 042 786	Pass
	2.97	6 024 952 492	22 042 849	Pass	6 024 952 478	22 042 834	Pass
	3.63	6 024 952 154	22 042 511	Pass	6 024 952 369	22 042 726	Pass
Voltage (V)	Temp (°C)	0 min			2 min		
		Frequency (Hz)	Gap (Hz)	P/F	Frequency (Hz)	Gap (Hz)	P/F
3.3	50	6 025 072 542	22 162 398	Pass	6 025 072 542	22 162 398	Pass
	40	6 025 052 092	22 141 948	Pass	6 025 052 092	22 141 948	Pass
	30	6 025 036 770	22 126 626	Pass	6 025 036 769	22 126 625	Pass
	20	6 024 951 144	22 041 000	Pass	6 024 952 387	22 042 244	Pass
	10	6 024 983 504	22 073 360	Pass	6 024 983 505	22 073 361	Pass
	0	6 024 962 493	22 052 349	Pass	6 024 962 494	22 052 350	Pass
	-10	6 024 947 657	22 037 513	Pass	6 024 947 658	22 037 514	Pass
Voltage (V)	Temp (°C)	5 min			10 min		
		Frequency (Hz)	Gap (Hz)	P/F	Frequency (Hz)	Gap (Hz)	P/F
3.3	50	6 025 072 543	22 162 399	Pass	6 025 072 543	22 162 399	Pass
	40	6 025 052 091	22 141 948	Pass	6 025 052 092	22 141 948	Pass
	30	6 025 036 769	22 126 625	Pass	6 025 036 769	22 126 625	Pass
	20	6 024 952 492	22 042 349	Pass	6 024 952 478	22 042 334	Pass
	10	6 024 983 505	22 073 361	Pass	6 024 983 505	22 073 361	Pass
	0	6 024 962 494	22 052 350	Pass	6 024 962 493	22 052 349	Pass
	-10	6 024 947 658	22 037 514	Pass	6 024 947 658	22 037 514	Pass

P/F: Whether the center frequency is within the usable frequency band and whether the OBW low point does not go out of the band as shown below. Whether the center frequency is within the frequency band used and the OBW low point does not go out of the band.

Whether the OBW band is out of the band is confirmed by not going out more than the gap specified below.

ex) Gap = Low frequency of OBW (at 0min & 20 °C) – Band edge

Gap Result = 5 947 041 000 Hz – 5 925 000 000 Hz = **22 041 000 Hz ≥ 0 Hz**

8. TEST EQUIPMENT

No.	Instrument	Manufacture	Model	Serial No.	Calibration Date	Next Calibration Date
1	Humidity Temperature	Lutron	MHB-382SD	AK.26553	2024-10-16	2025-10-16
2	Signal & Spectrum Analyzer	R&S	FSW43	100732	2025-03-27	2026-03-27
3	Signal & Spectrum Analyzer	KEYSIGHT	N9030B	MY57144327	2025-03-27	2026-03-27
4	System DC Power Supply	H.P	6653A	3502A-01527	2024-07-02	2025-07-02
5	Signal Generator	R&S	SMB100A	175861	2025-03-27	2026-03-27
6	Vector Signal Generator	R&S	SMW200A	105755	2025-04-18	2026-04-18
7	Power Divider	H.P	11636B	09331	2024-10-07	2025-10-07
8	Power Divider	KEYSIGHT	11636B	TH60300528	2025-01-13	2026-01-13
9	10 dB Attenuator	API technologies corp	40A2W-10	1917	2025-01-08	2026-01-08
10	10 dB Attenuator	WEINSCHEL	56-10	58765	2024-10-10	2025-10-10
11	30dB ATTenuator	H.P	11708A	24777	2025-03-27	2026-03-27
12	Signal & Spectrum Analyzer	R&S	FSW43	104084	2025-03-27	2026-03-27
13	OPEN SWITCH AND CONTROL UNIT	R&S	OSP120	100081	N/A	N/A
14	Humidity Temperature	SAMWON ENG	TH01C	1113	2025-01-13	2026-01-13
15	BROADBAND LOW NOISE AMPLIFIER	EXYNOD	ELNA03-40D	631516	2024-08-29	2025-08-29
16	WiFi Filter Bank	R&S	U083	U083-001	N/A	N/A
17	Double Ridged Broadband Horn Antenna	Schwarzbeck	BBHA 9120 D	9120D-508	2024-07-09	2025-07-09
18	Horn Antenna	Q-par Angus	QMS-00208	17636	2024-08-28	2025-08-28
19	Horn Antenna	Q-par Angus	QSH20S20	8179	2024-07-09	2025-07-09
20	Horn Antenna	Q-par Angus	QSH22K20	8180	2024-07-09	2025-07-09
21	Signal Conditioning Unit	R&S	SCU-18F	180025	2025-03-27	2026-03-27
22	Signal Conditioning Unit	R&S	SCU-26	10011	2024-07-05	2025-07-05
23	Signal Conditioning Unit	R&S	SCU 40	100380	2024-07-05	2025-07-05
24	EMI TEST RECEIVER	ROHDE & SCHWARZ	ESW44	103318	2025-01-08	2026-01-08
25	Open Switch and Control Unit	ROHDE & SCHWARZ	OSP220	102977	N/A	N/A

26	Humidity Temperature	DRETEC	O-230	NK-B-E-0157	2025-01-13	2026-01-13
27	DIGITAL MULTIMETER	EZ DIGITAL	DM-334	2111395	2024-10-08	2025-10-08
28	AMPLIFIER	HP	8447F	2805A03406	2025-01-08	2026-01-08
29	Active Loop Antenna	ROHDE & SCHWARZ	HFH2-Z2E	101190	2025-01-13	2026-01-13
30	TRILOG Broadband Test Antenna	Schwarzbeck	VULB 9163	01431	2024-11-11	2026-11-11
31	BIAS UNIT	ROHDE & SCHWARZ	IN 600	101621	N/A	N/A
32	Programmable Temp&Humid Chamber	ENEX	EN-TH-408- S1	EN201711-05	2025-07-03	2026-07-03

9. ACCURACY OF MEASUREMENT & DECISION RULE

9.1 Uncertainty Calculation

The Measurement Uncertainties stated were calculated in accordance with the requirements of measurement uncertainty contained in CISPR 16-4-2 with the confidence level of 95%

PARAMETER	UNCERTAINTY
Radiated Disturbance, Below 30 MHz	4.36 dB
Radiated Disturbance, 30 MHz to 1 GHz	5.60 dB
Radiated Disturbance, 1 GHz ~ 18 GHz	3.70 dB
Radiated Disturbance, 18 GHz ~ 26.5 GHz	4.90 dB
Radiated Disturbance, 26.5 GHz ~ 40 GHz	5.00 dB

9.2 Decision rule

The choice of whether or not to include the measurement uncertainty of the measuring system used in the test in the conformance determination.:

- ☐ Application of internal procedures used in type testing where traceability of measurement uncertainty is established.
- ☒ Applying the decision that the standard used for type testing does not require it.

END REPORT