

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	-72.7	Ceased	10	100	90	PASS
			-72.8	Minimal	-	-	-	-
			-75.8	Normal	-	-	-	-
		6 185	-69.3	Ceased	10	100	90	PASS
			-69.6	Minimal	-	-	-	-
			-70.6	Normal	-	-	-	-
		6 260	-69.6	Ceased	10	100	90	PASS
			-69.8	Minimal	-	-	-	-
			-71.6	Normal	-	-	-	-
U-NII-6	6 505	6 430	-72.0	Ceased	10	100	90	PASS
			-72.2	Minimal	-	-	-	-
			-74.2	Normal	-	-	-	-
		6 505	-68.6	Ceased	10	100	90	PASS
			-68.9	Minimal	-	-	-	-
			-69.9	Normal	-	-	-	-
		6 580	-68.3	Ceased	10	100	90	PASS
			-68.5	Minimal	-	-	-	-
			-69.7	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	-72.8	Ceased	10	100	90	PASS
			-73.0	Minimal	-	-	-	-
			-74.2	Normal	-	-	-	-
		6 665	-70.2	Ceased	10	100	90	PASS
			-70.4	Minimal	-	-	-	-
			-71.6	Normal	-	-	-	-
		6 740	-74.5	Ceased	10	100	90	PASS
			-74.9	Minimal	-	-	-	-
			-77.1	Normal	-	-	-	-
U-NII-8	6 985	6 910	-71.0	Ceased	10	100	90	PASS
			-71.1	Minimal	-	-	-	-
			-72.9	Normal	-	-	-	-
		6 985	-66.3	Ceased	10	100	90	PASS
			-66.4	Minimal	-	-	-	-
			-69.6	Normal	-	-	-	-
		7 060	-70.7	Ceased	10	100	90	PASS
			-70.9	Minimal	-	-	-	-
			-73.0	Normal	-	-	-	-

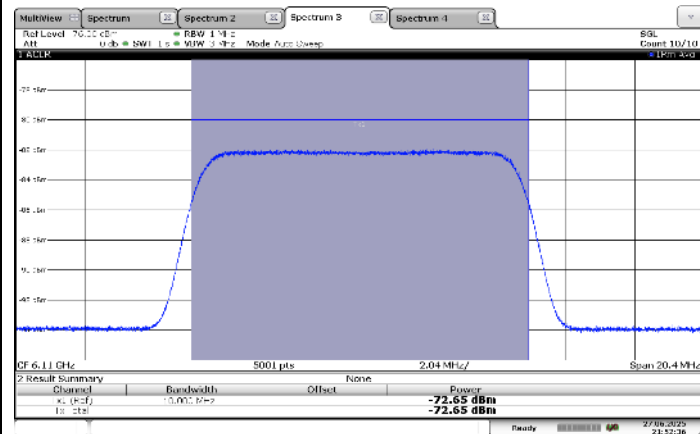
Notes:

- Threshold level (dBm) = -62 (dBm) + Min.Antenna Gain(dBi)
- 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.

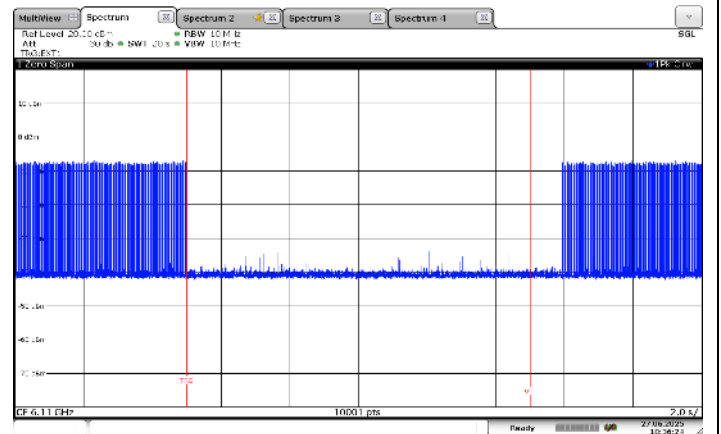
PLOTS OF EMISSIONS

U-NII-5

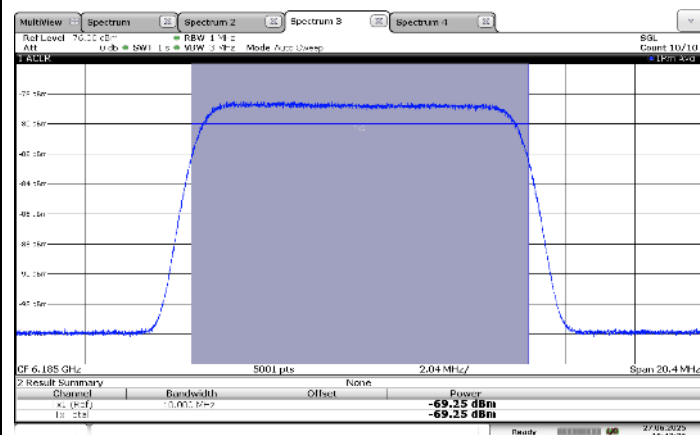
Injected Power at Low Edge



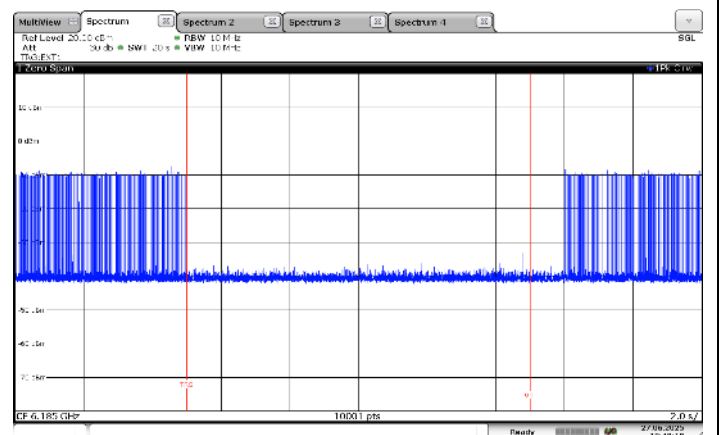
Cased at Low Edge



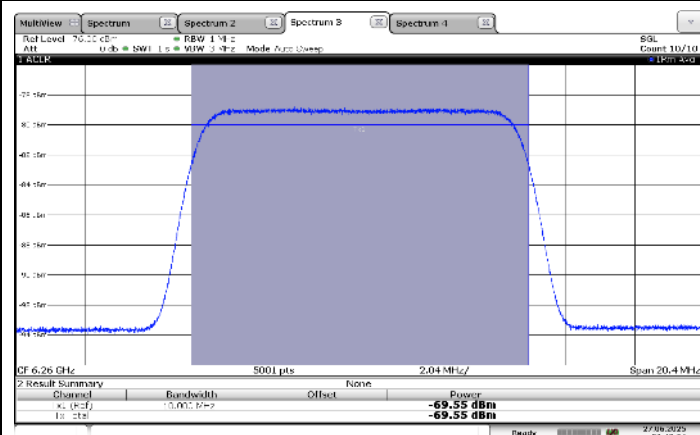
Injected Power at Center



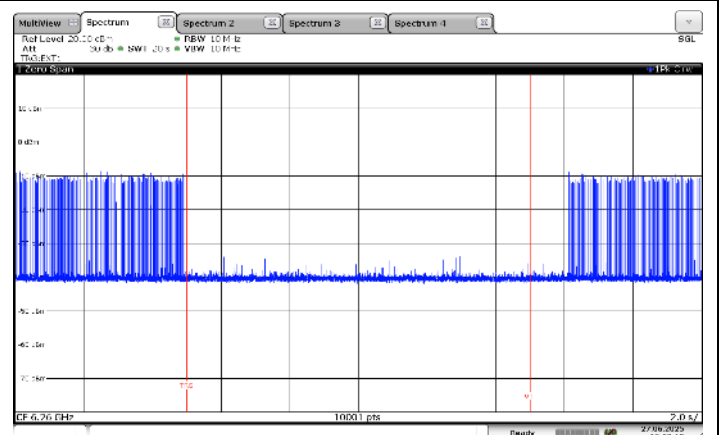
Ceased at Center



Injected Power at High Edge

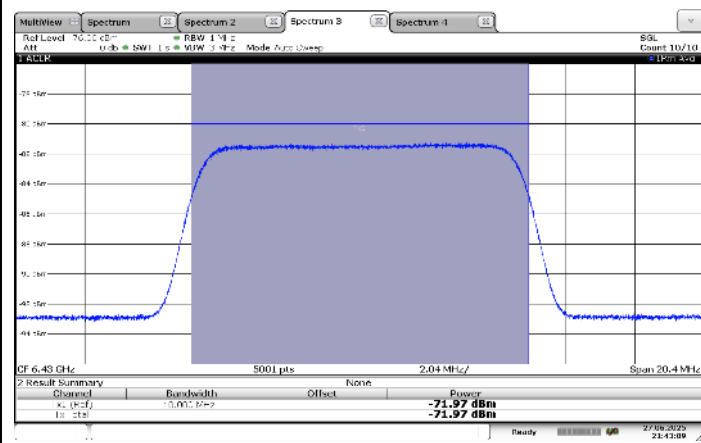


Ceased at High Edge

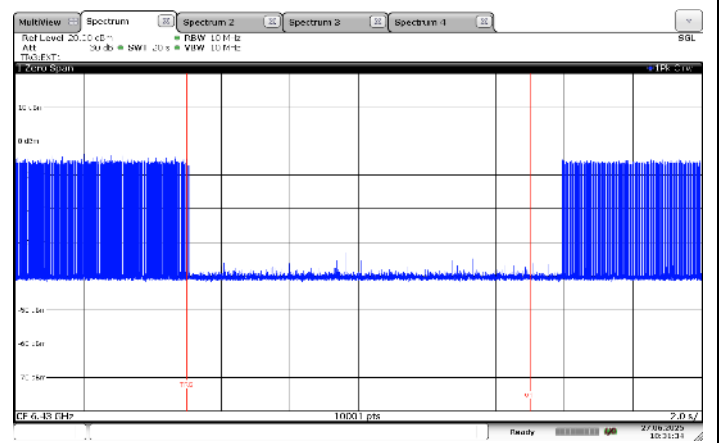


U-NII-6

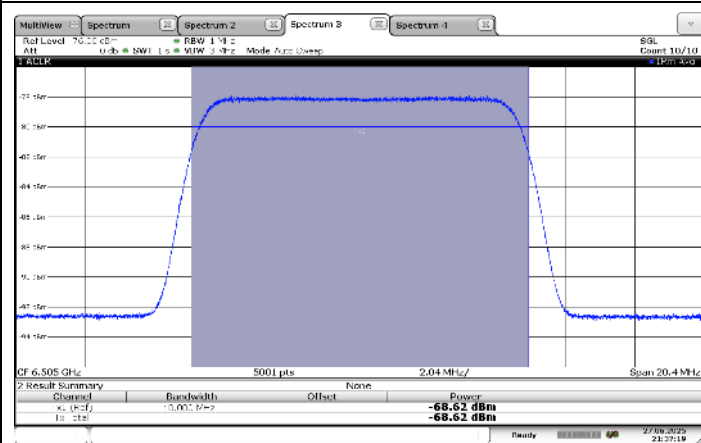
Injected Power at Low Edge



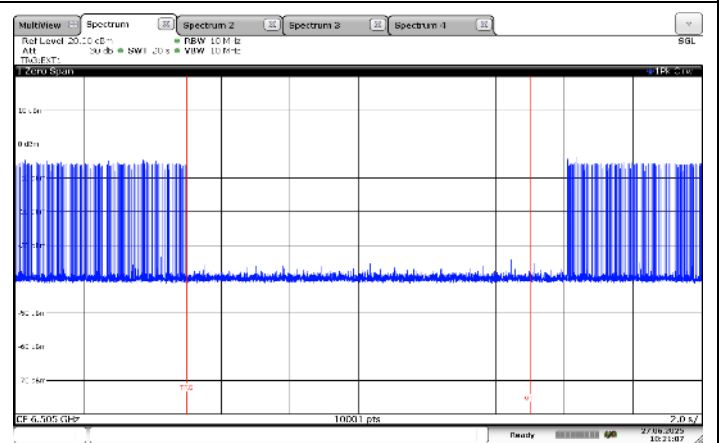
Cased at Low Edge



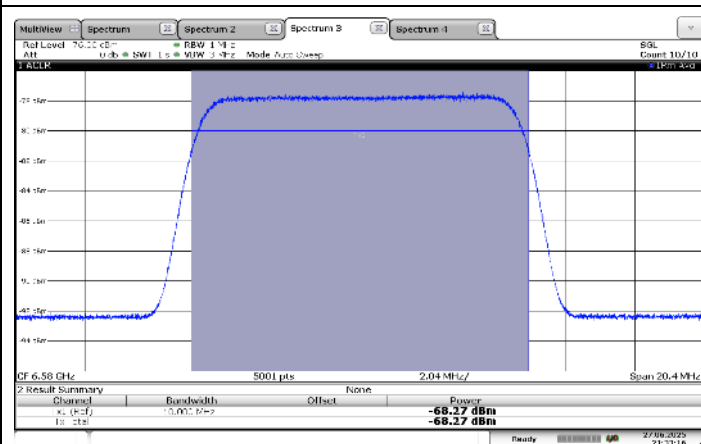
Injected Power at Center



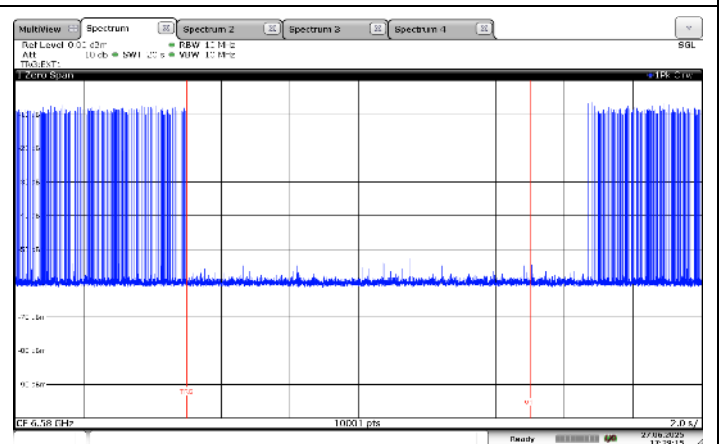
Ceased at Center



Injected Power at High Edge

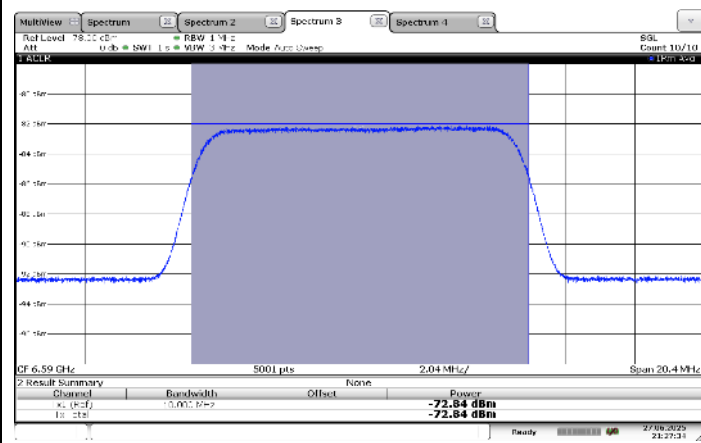


Ceased at High Edge

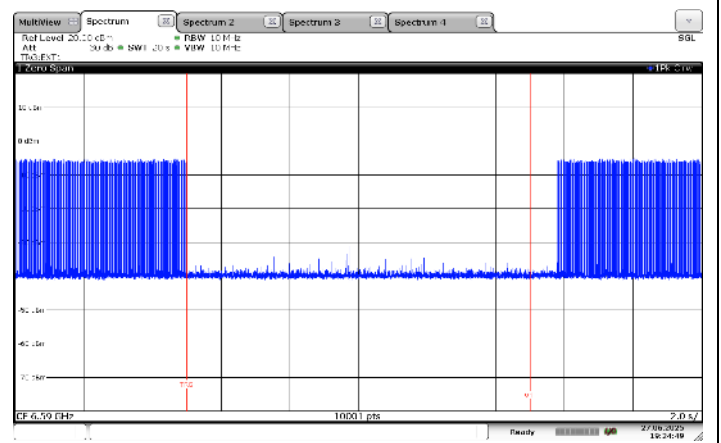


U-NII-7

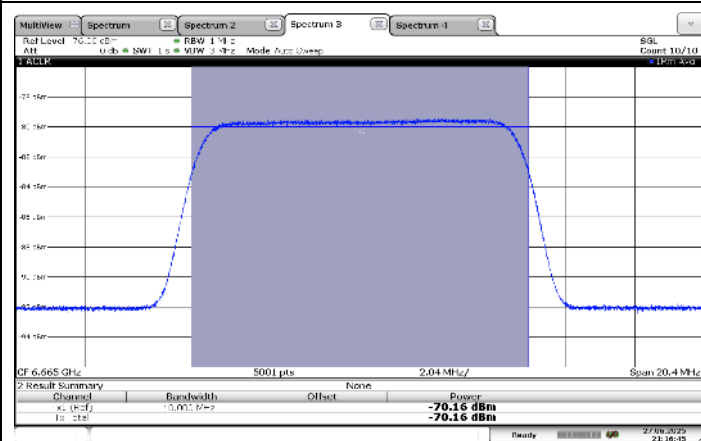
Injected Power at Low Edge



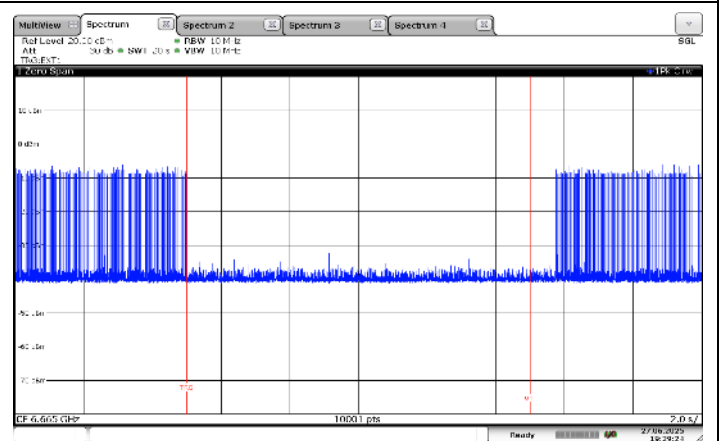
Cased at Low Edge



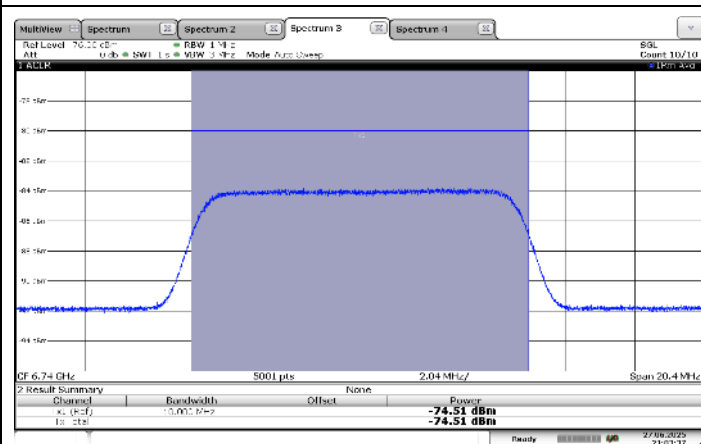
Injected Power at Center



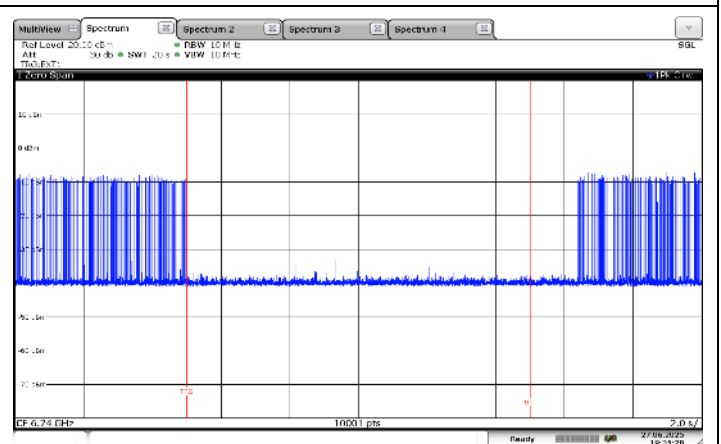
Ceased at Center



Injected Power at High Edge

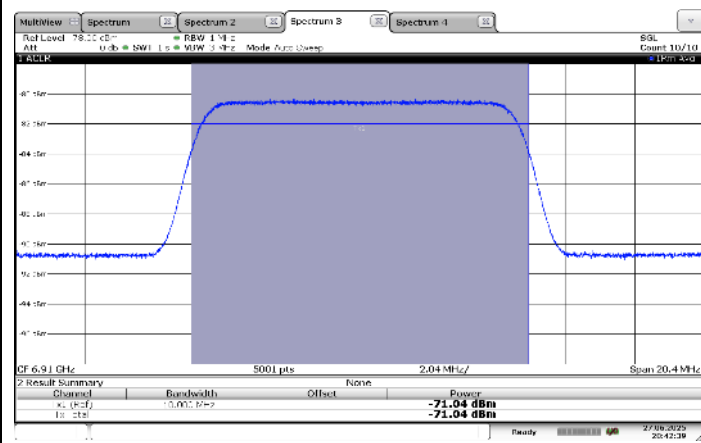


Ceased at High Edge

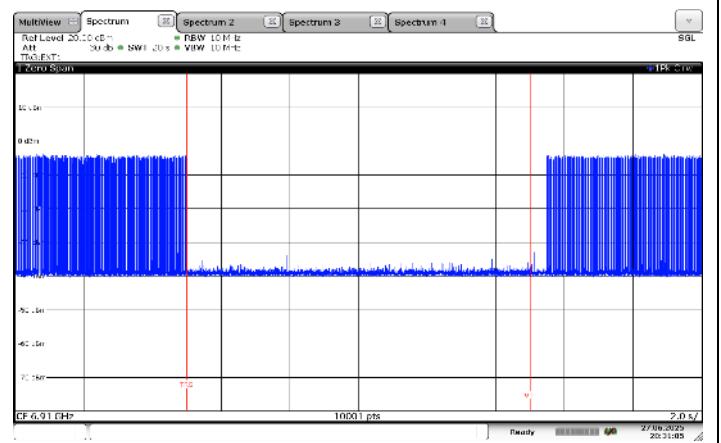


U-NII-8

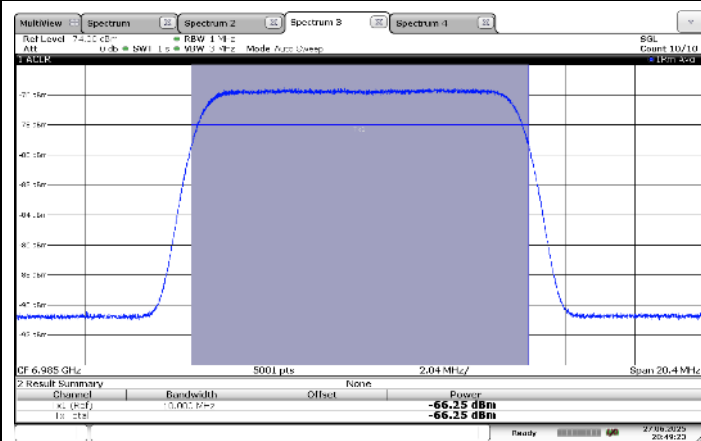
Injected Power at Low Edge



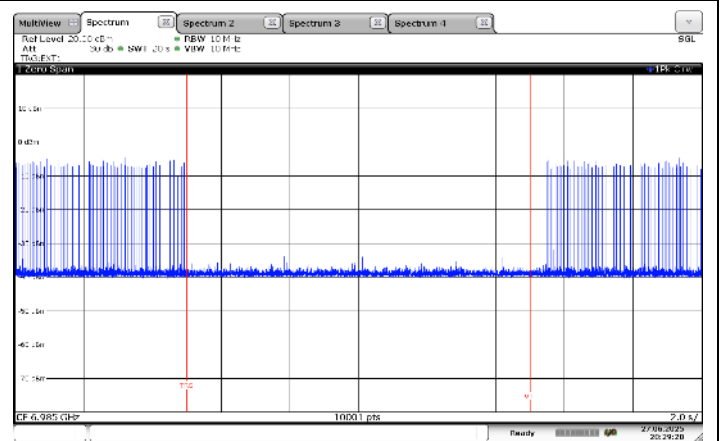
Cased at Low Edge



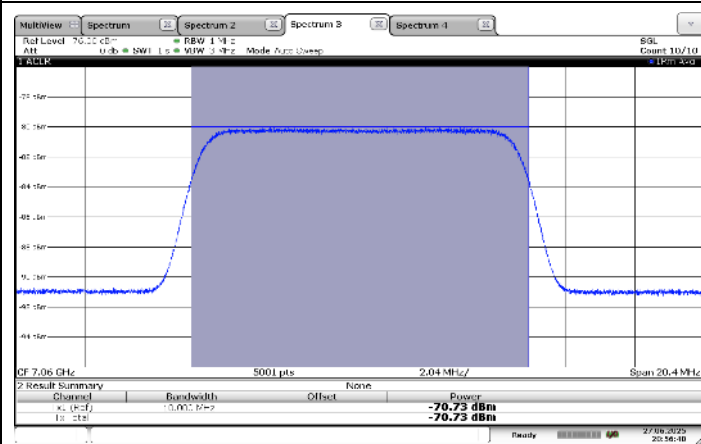
Injected Power at Center



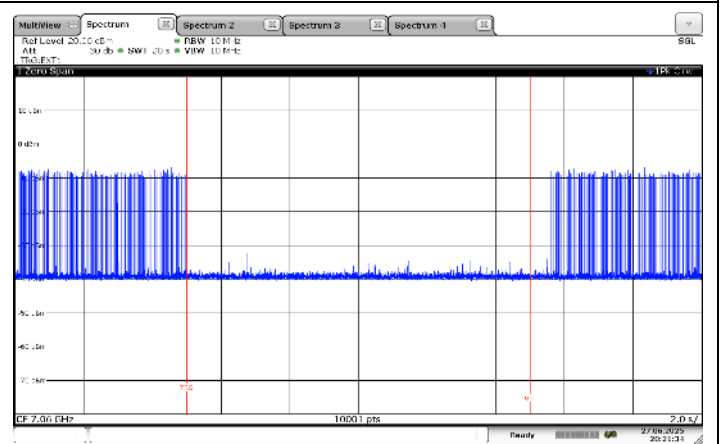
Ceased at Center



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)
5 759.91	50.50	H	PK	5.8	56.30	68.20	11.90
5 759.93	45.94	H	AV	5.8	51.74	54.00	2.26

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)
5 760.18	50.91	H	PK	5.8	56.71	68.20	11.49
5 759.94	44.83	H	AV	5.8	50.63	54.00	3.37
12 397.38	43.76	H	PK	19.8	63.56	68.20	4.64
12 387.69	31.20	H	AV	19.8	51.00	54.00	3.00

802.11ax(160 MHz) - Highest channel

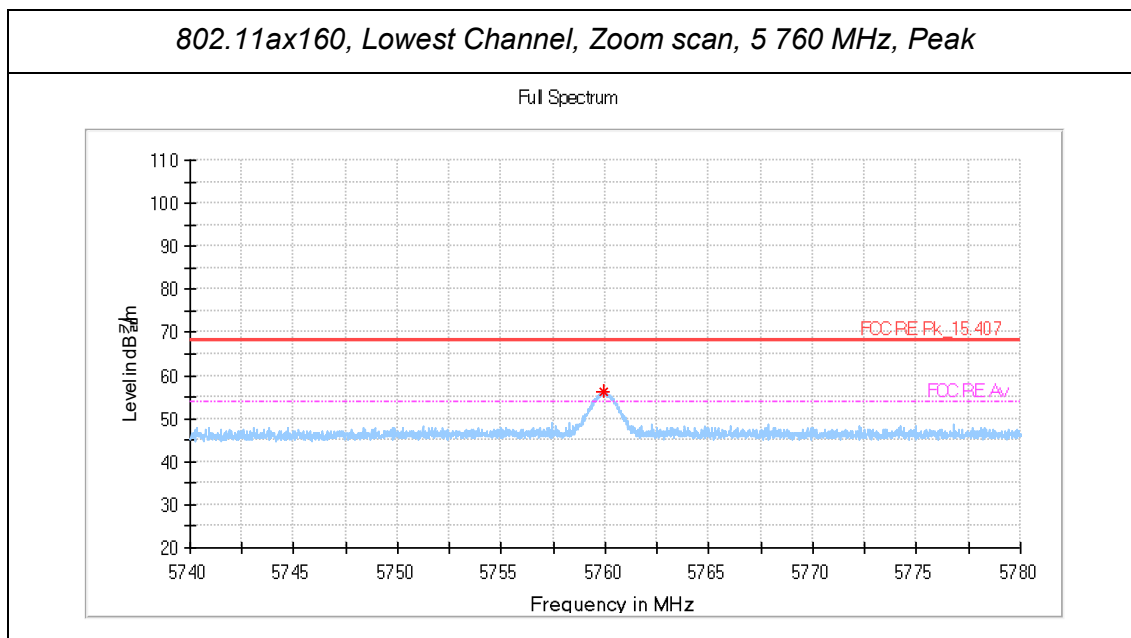
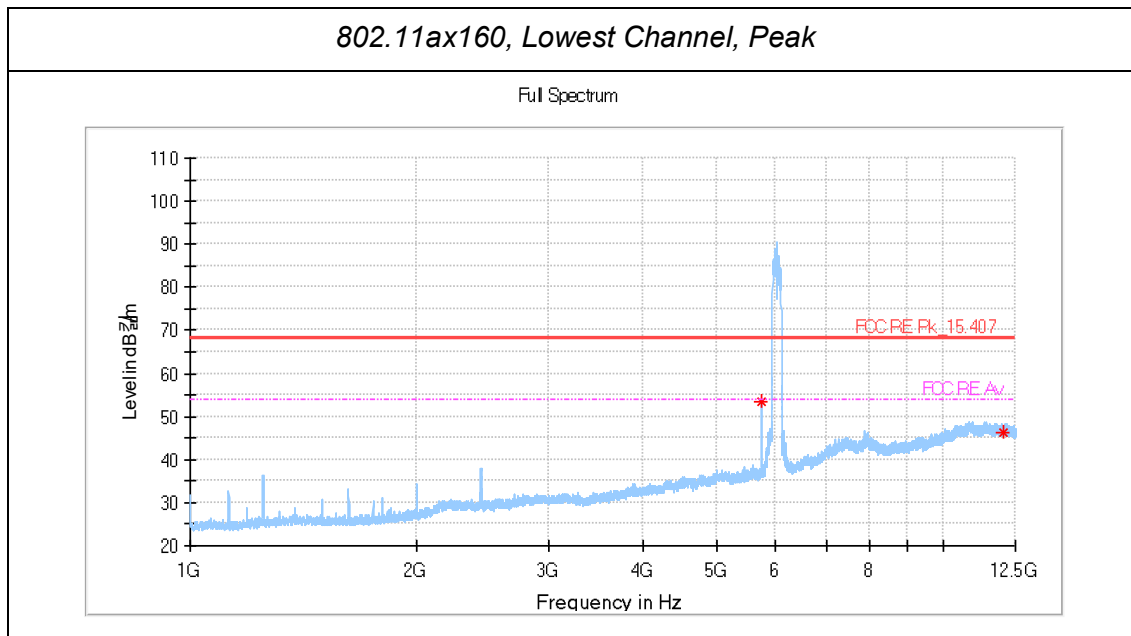
Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode*	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 760.10	50.32	H	PK	5.8	56.12	68.20	12.08
5 759.94	45.00	H	AV	5.8	50.80	54.00	3.20

Notes:

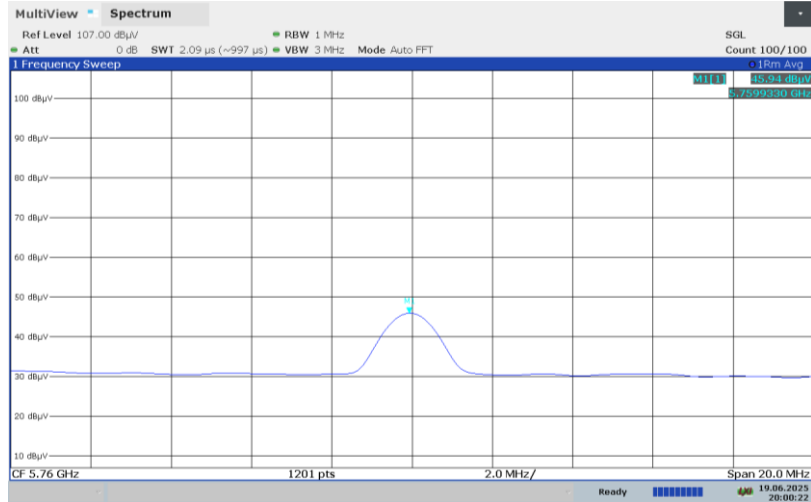
- *Pol. : H = Horizontal, V = Vertical, Mode : PK = Peak, AV = Average
- **AF + CL + Amp. = Antenna Factor + Cable Loss + Amplifier.
- Nothing detected above 18GHz
- Other spurious was under 20 dB below Fundamental.
- The radiated emissions testing were made by rotating EUT through three orthogonal axes 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, Lowest Channel, Zoom scan, 5 760 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)

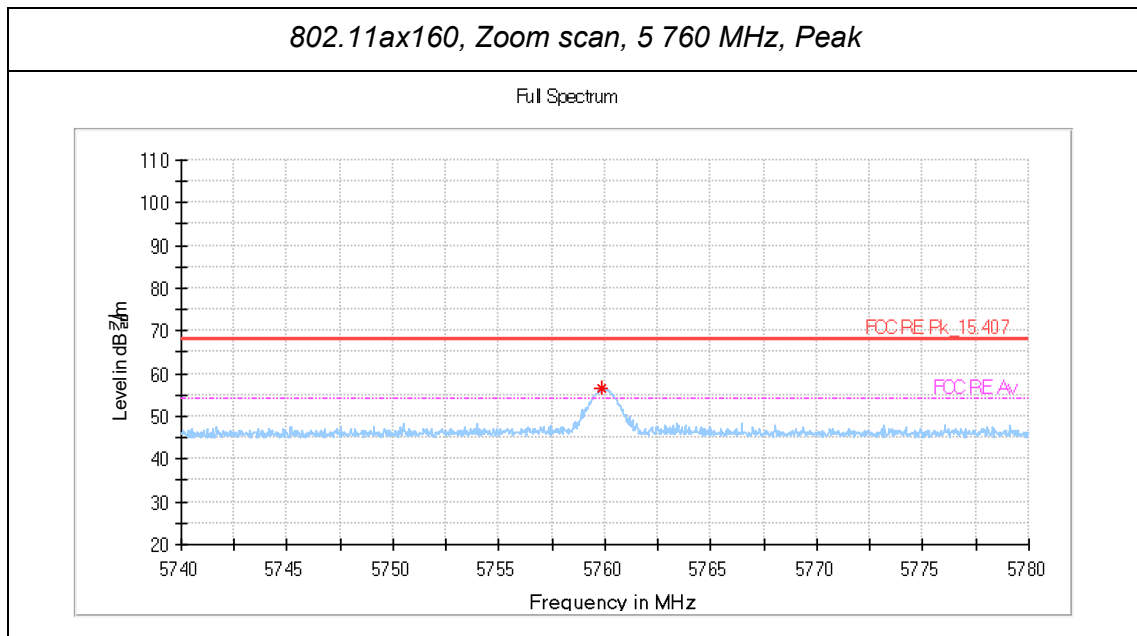
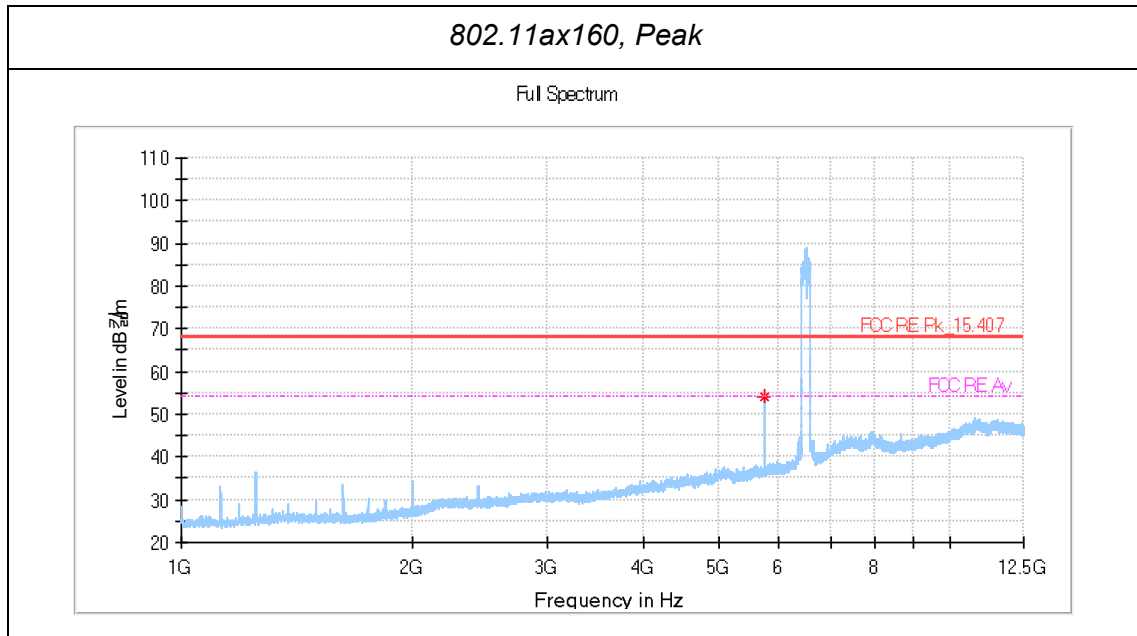
Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode*	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 759.86	50.97	H	PK	5.8	56.77	68.20	11.43
5 759.94	46.56	H	AV	5.8	52.36	54.00	1.64

Notes:

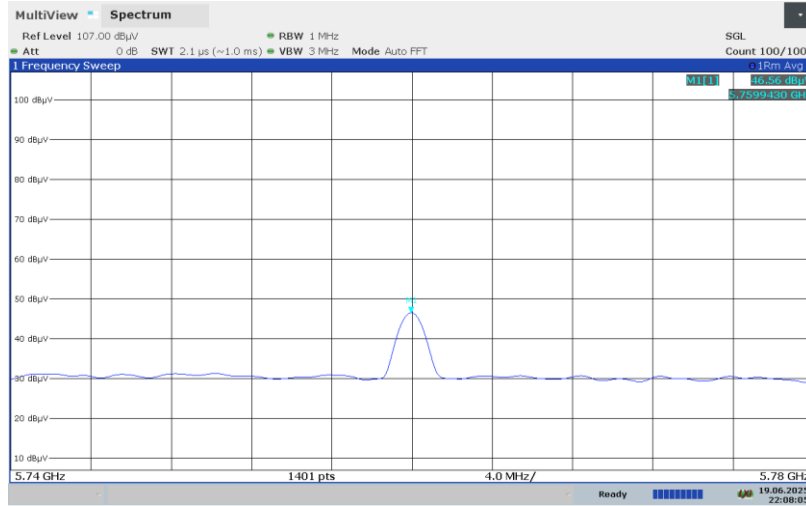
- *Pol. : H = Horizontal, V = Vertical, Mode : PK = Peak, AV = Average
- **AF + CL + Amp. = Antenna Factor + Cable Loss + Amplifier.
- Nothing detected above 18GHz
- Other spurious was under 20 dB below Fundamental.
- The radiated emissions testing were made by rotating EUT through three orthogonal axes 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, Zoom scan, 5 760 MHz, Average



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)
5 759.89	51.85	H	PK	5.8	57.65	68.20	10.55
5 759.94	45.90	H	AV	5.8	51.70	54.00	2.30

802.11ax(160 MHz) – Middle channel

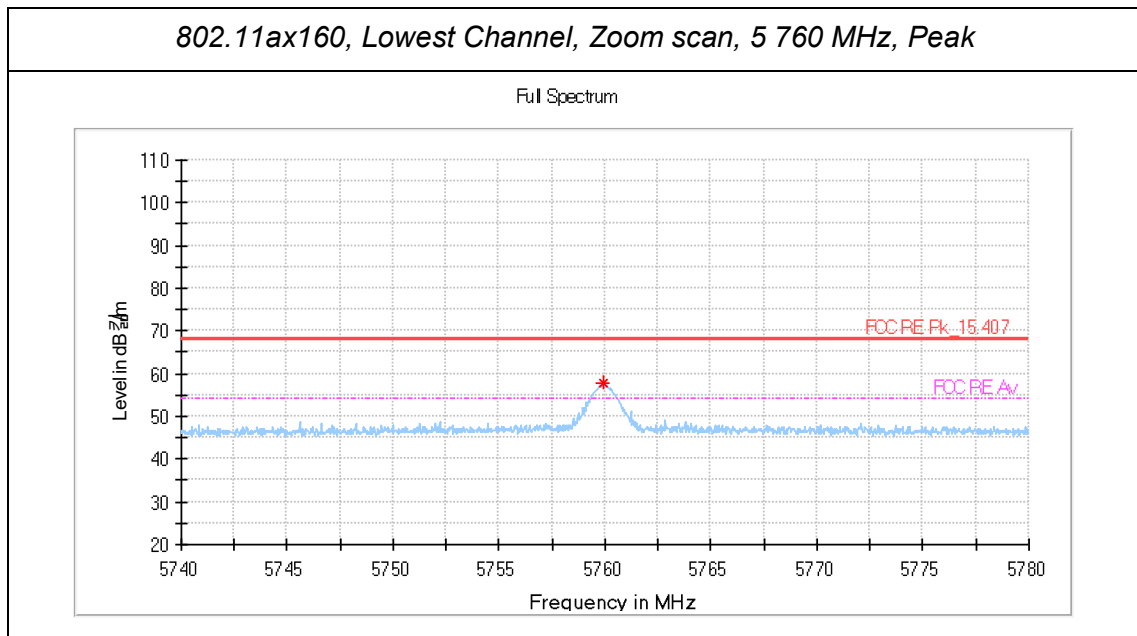
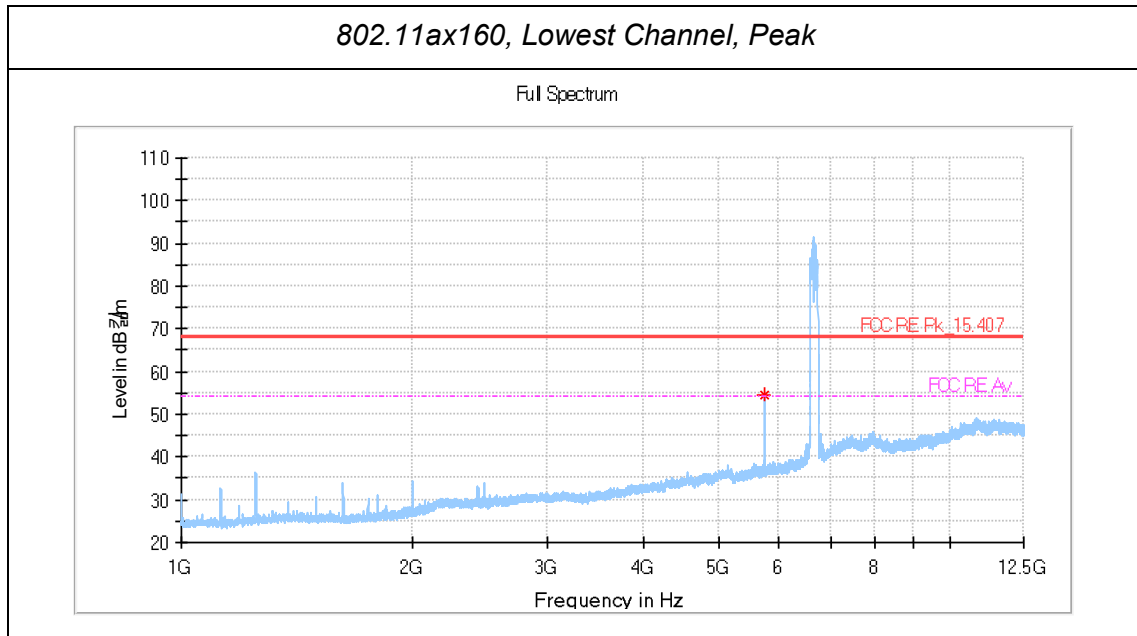
Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode*	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 760.06	51.44	H	PK	5.8	57.24	68.20	10.96
5 759.94	45.60	H	AV	5.8	51.40	54.00	2.60

Notes:

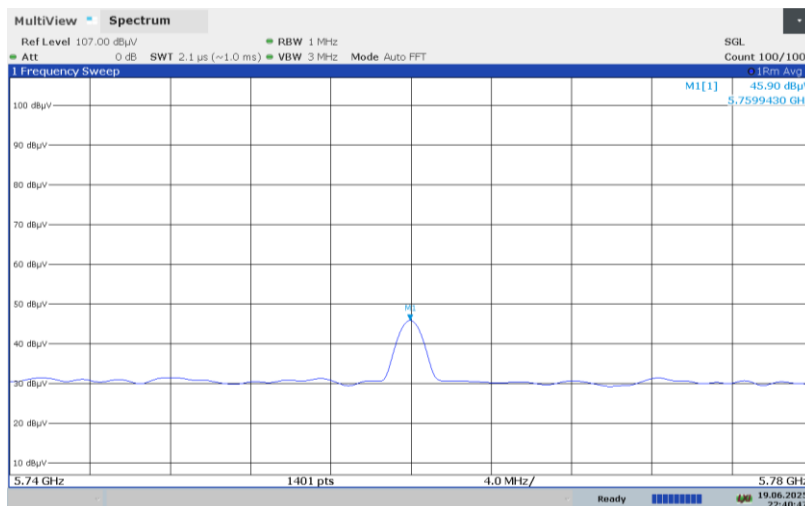
- *Pol. : H = Horizontal, V = Vertical, Mode : PK = Peak, AV = Average
- **AF + CL + Amp. = Antenna Factor + Cable Loss + Amplifier.
- Nothing detected above 18GHz
- Other spurious was under 20 dB below Fundamental.
- The radiated emissions testing were made by rotating EUT through three orthogonal axes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

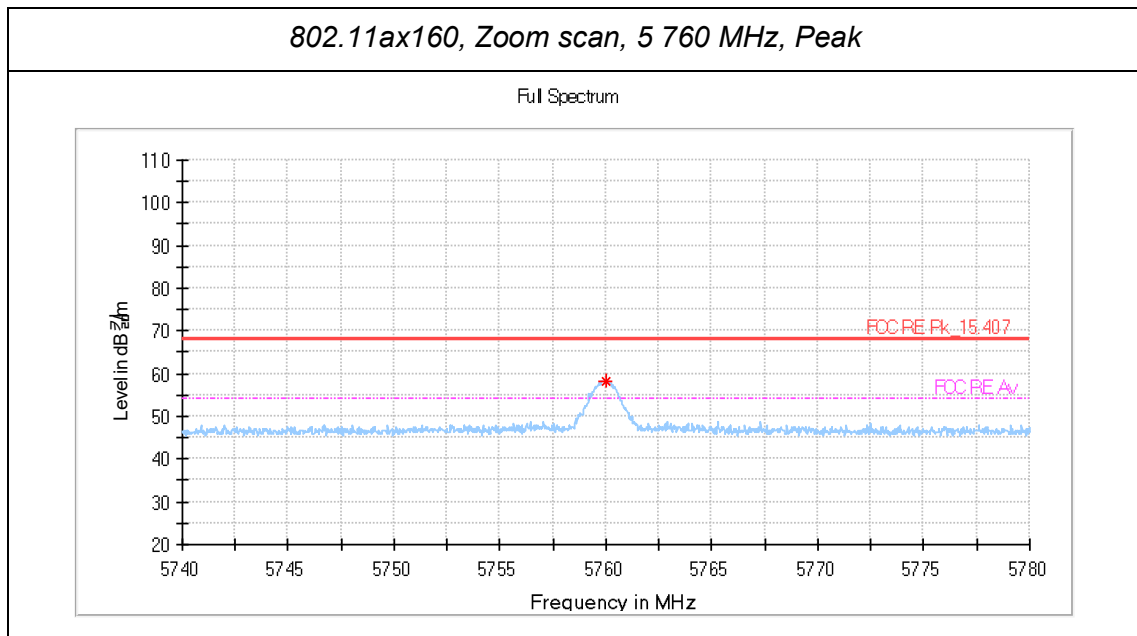
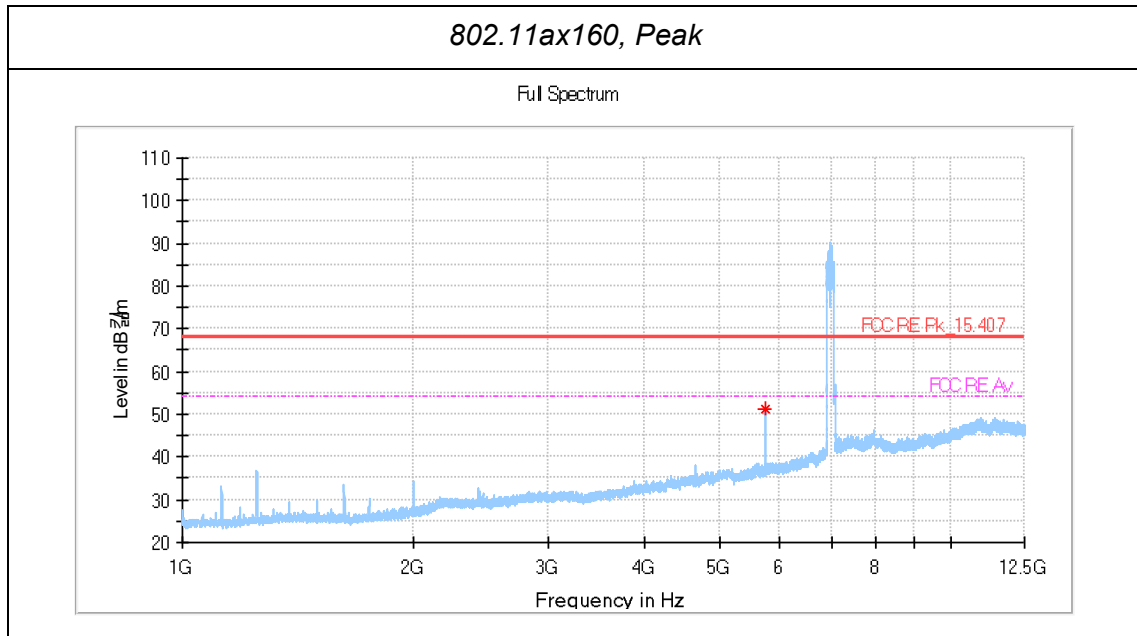
Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode*	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 759.97	52.53	H	PK	5.8	58.33	68.20	9.87
5 759.94	45.73	H	AV	5.8	51.53	54.00	2.47

Notes:

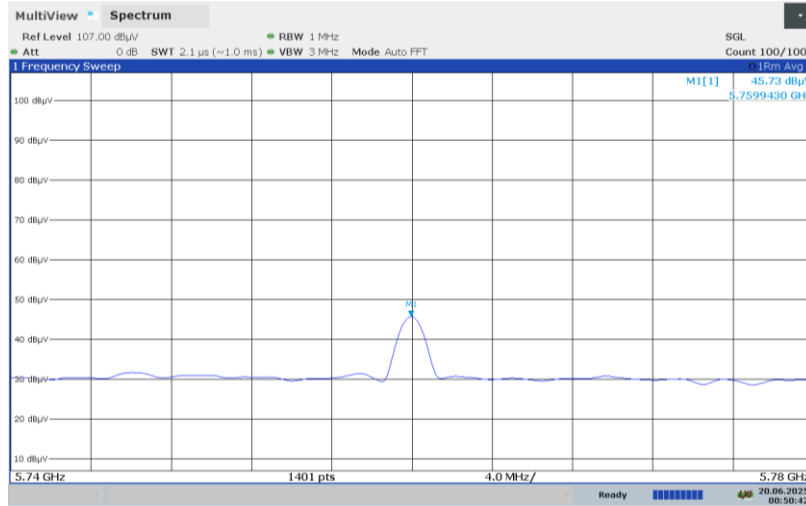
1. *Pol. : H = Horizontal, V = Vertical, Mode : PK = Peak, AV = Average
2. **AF + CL + Amp. = Antenna Factor + Cable Loss + Amplifier.
3. Nothing detected above 18GHz
4. Other spurious was under 20 dB below Fundamental.
5. The radiated emissions testing were made by rotating EUT through three orthogonal 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, Zoom scan, 5 760 MHz, Average



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

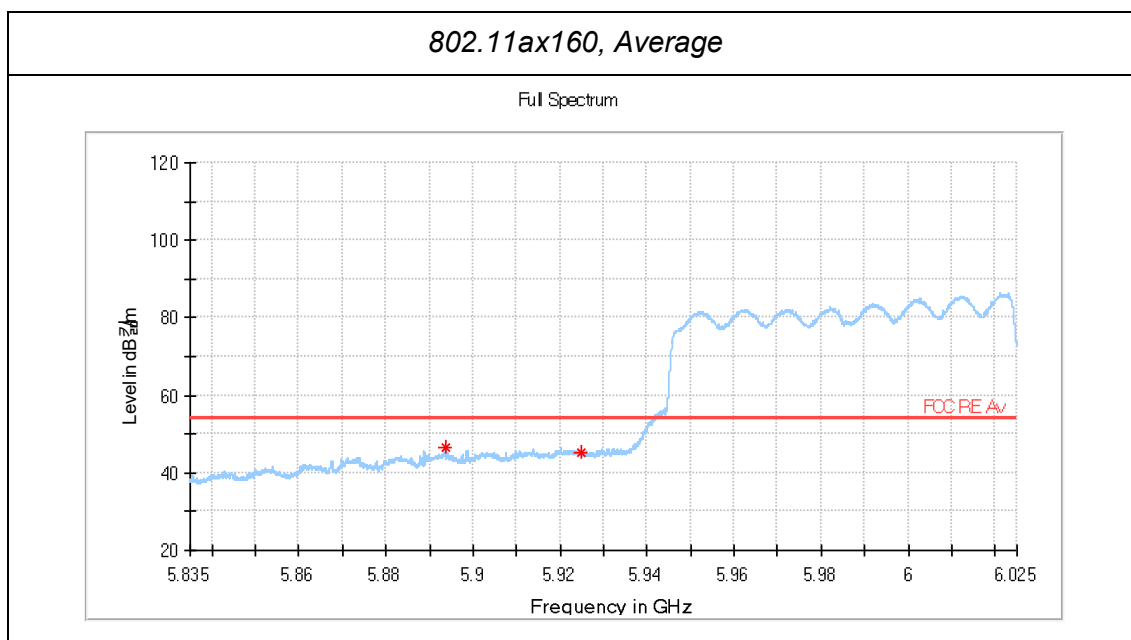
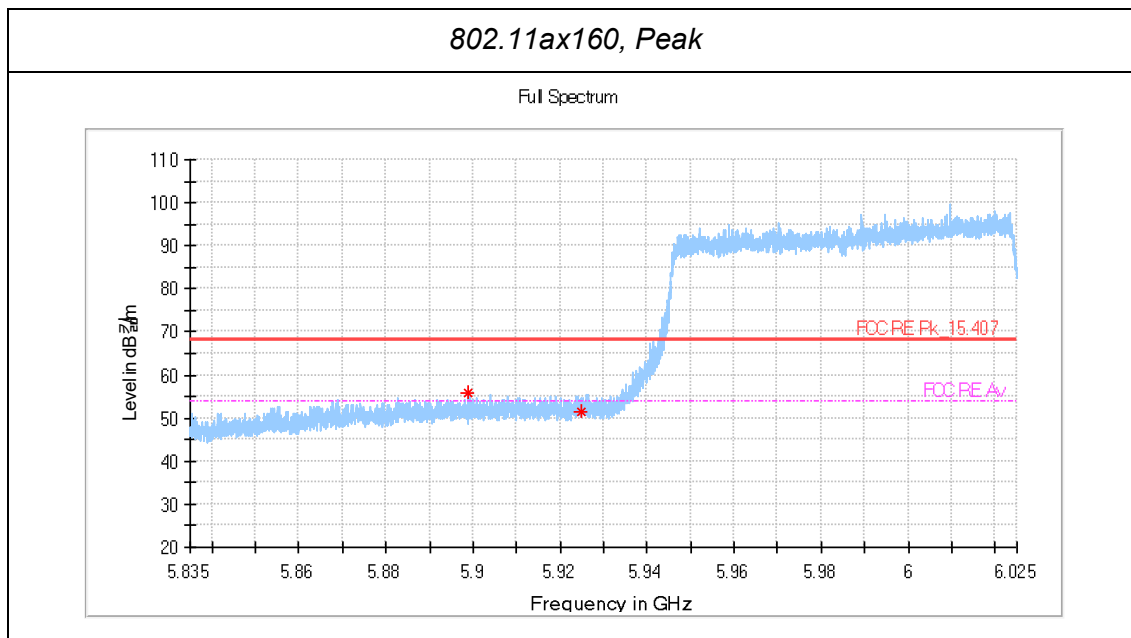
Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode*	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 898.86	49.58	H	PK	6.3	55.88	68.20	12.32
5 893.59	40.25	H	AV	6.3	46.55	54.00	7.45
5 925.01	45.33	H	PK	6.1	51.43	68.20	16.77
5 925.01	39.02	H	AV	6.1	45.12	54.00	8.88

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

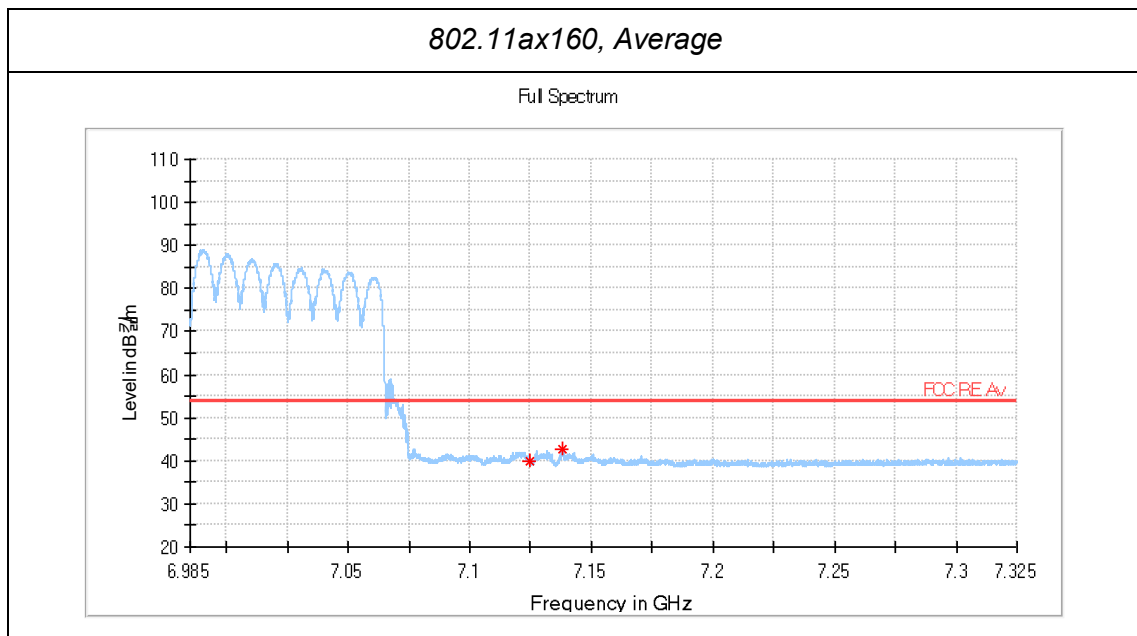
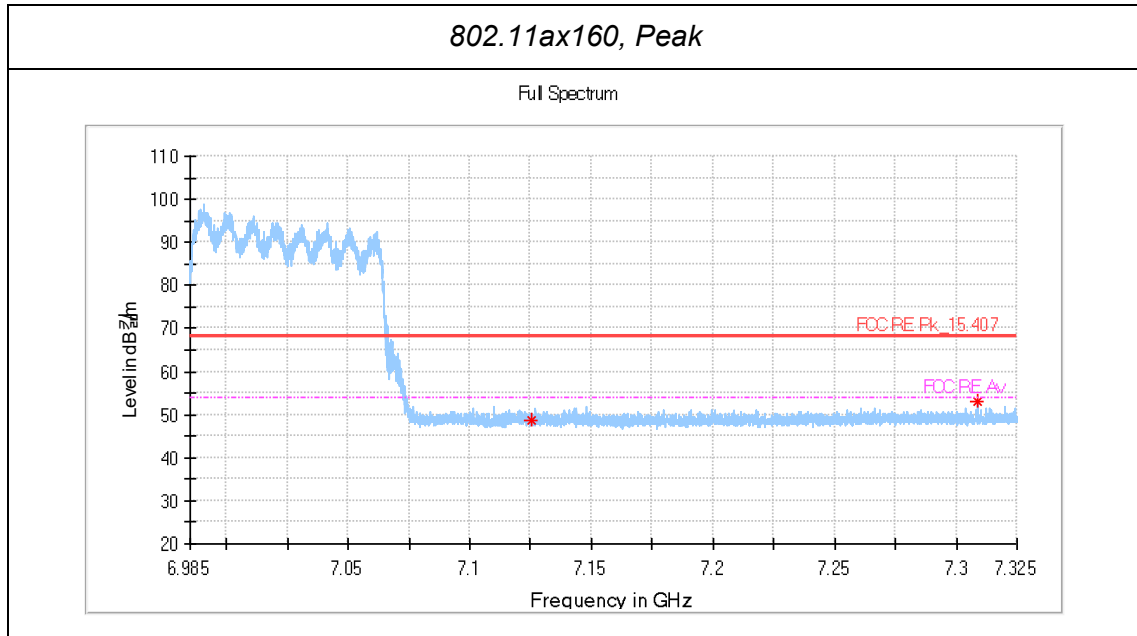
802.11 ax(160 MHz) mode

Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode*	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
7 125.04	37.36	H	PK	11.5	48.86	68.20	19.34
7 125.01	28.42	H	AV	11.5	39.92	54.00	14.08
7 308.81	40.93	V	PK	12.0	52.93	68.20	15.27
7 138.39	31.04	H	AV	11.5	42.54	54.00	11.46

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)
32.62	31.68	V	QP	-9.8	21.87	40.00	18.13
56.74	36.06	V	QP	-6.1	29.93	40.00	10.07
124.96	37.95	H	QP	-9.9	28.08	43.50	15.42
375.00	46.58	H	QP	-2.6	44.03	46.00	1.97
624.97	35.23	H	QP	1.7	36.89	46.00	9.11
875.00	37.60	H	QP	5.2	42.81	46.00	3.19

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

802.11 ax160, Highest channel, U-NII-5

Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	CAV Level [dBμV]	CAV Limit [dBμV]	CAV Margin [dB]	Correction [dB]	Line
0.194	42.55	63.87	21.32				10.07	N
0.194				34.80	53.87	19.07	10.07	N
0.492	27.24	56.13	28.89				9.99	N
0.492				21.65	46.13	24.48	9.99	N
1.335				21.50	46.00	24.50	9.91	N
1.335	26.18	56.00	29.82				9.91	N
3.513	32.24	56.00	23.76				10.02	N
3.513				21.40	46.00	24.60	10.02	N
4.259	28.96	56.00	27.04				10.12	L1
4.259				20.81	46.00	25.19	10.12	L1
21.304	27.36	60.00	32.64				11.06	L1
21.304				18.79	50.00	31.21	11.06	L1

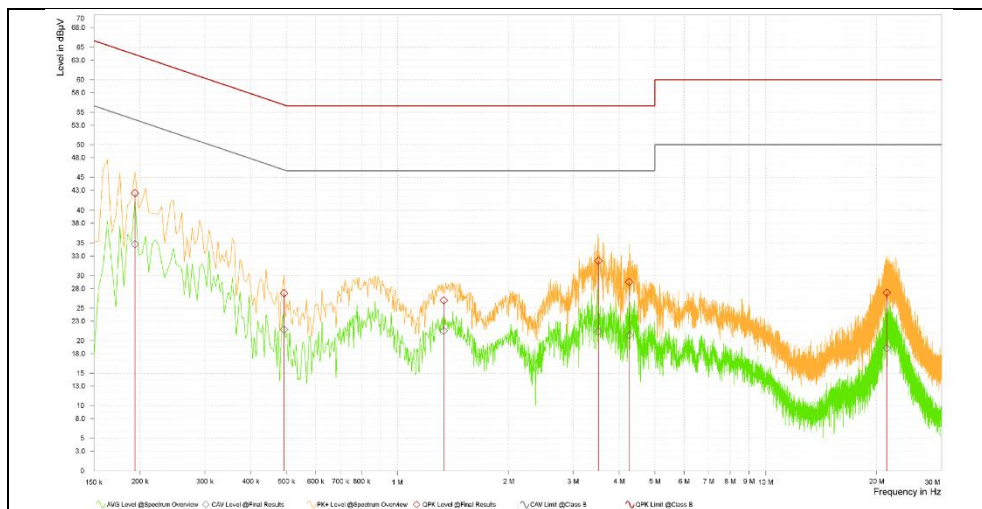
Line Conducted Emission Tabulated Data

Notes:

1. Measurement using CISPR quasi-peak mode & average mode.
2. The worst channel was investigated and the worst-case emission are reported. See attached Plots.
3. *) Factor = LISN + Cable loss
4. **) LINE : L = Line, N = Neutral
5. The limit is on the FCC §15.207.

PLOTS OF EMISSIONS

Worst Case



7.10 Simultaneous radiation

FCC §15.205, §15.209, §15.207

RSS-Gen (8.8), (8.9) ,(8.10)

Test Mode :

Case	Bluetooth LE	5 GHz WLAN	6 GHz WLAN
1	O	O	X
2	O	X	O

Result

-Case 1

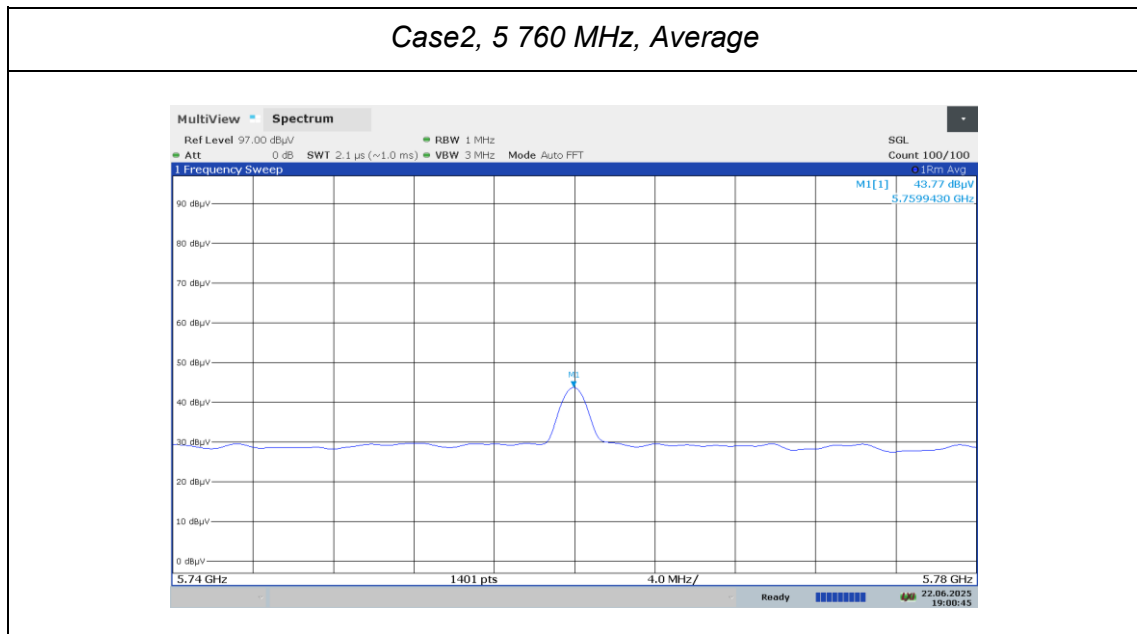
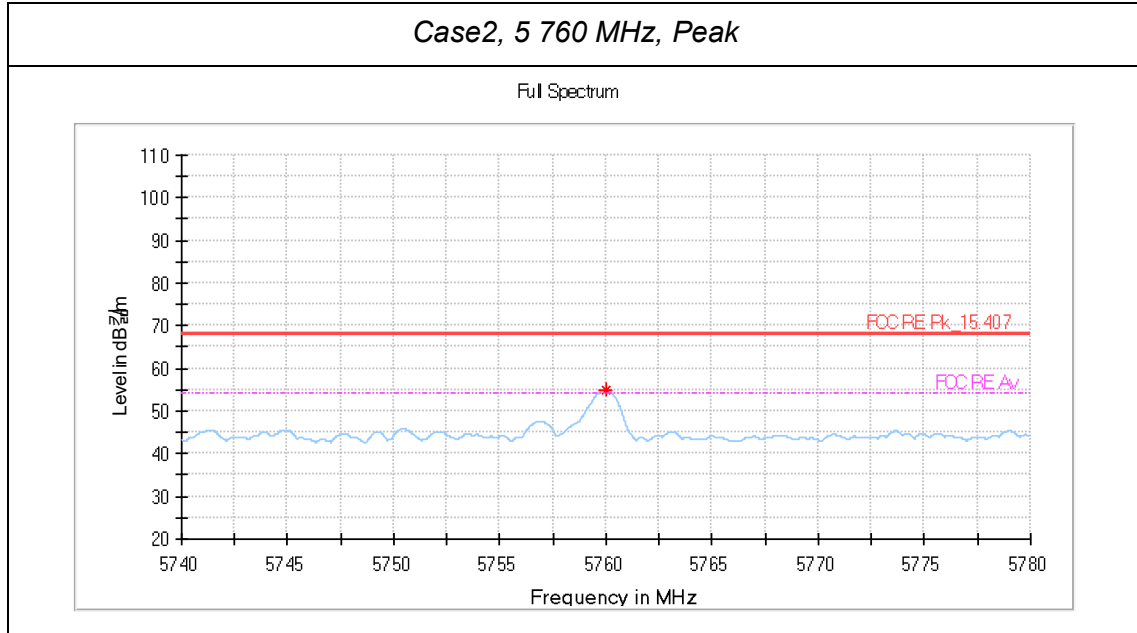
Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
7 204.53	43.28	V	PK	13.1	56.38	74.00	17.62
7 204.80	35.93	V	AV	13.1	49.03	54.00	4.97
12 012.45	38.65	H	PK	19.7	58.35	74.00	15.65
12 007.63	29.08	H	AV	19.7	48.78	54.00	5.22
11 578.80	36.88	V	PK	20.2	57.08	68.20	11.12
11 521.70	26.42	H	AV	20.3	46.72	54.00	7.28

-Case 2

Frequency (MHz)	Reading (dBμV)	Pol* (H/V)	Mode	AF+CL+Amp (dB)**	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 760.00	48.42	H	PK	6.7	55.12	68.20	13.08
5 759.94	43.77	H	AV	6.7	50.47	54.00	3.53
7 204.49	41.62	V	PK	11.6	53.22	74.00	20.78
7 204.54	35.08	V	AV	11.6	46.68	54.00	7.32
12 007.85	38.52	H	PK	19.7	58.22	74.00	15.78
12 007.40	29.27	H	AV	19.7	48.97	54.00	5.03

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	5.00	6 024 962 901	21 789 000	Pass	6 024 966 786	21 792 884	Pass
	4.50	6 024 963 696	21 789 795	Pass	6 024 966 697	21 792 795	Pass
	5.50	6 024 964 005	21 790 103	Pass	6 024 966 582	21 792 680	Pass
Temp (°C)	Voltage (V)	5 min			10 min		
		Frequency (Hz)	Gap (Hz)	P/F	Frequency (Hz)	Gap (Hz)	P/F
20 °C	5.00	6 024 966 786	21 792 884	Pass	6 024 967 793	21 793 891	Pass
	4.50	6 024 967 455	21 793 554	Pass	6 024 967 780	21 793 878	Pass
	5.50	6 024 967 485	21 793 583	Pass	6 024 967 485	21 793 583	Pass
Voltage (V)	Temp (°C)	0 min			2 min		
		Frequency (Hz)	Gap (Hz)	P/F	Frequency (Hz)	Gap (Hz)	P/F
5.0	50	6 025 015 105	21 841 204	Pass	6 025 016 272	21 842 370	Pass
	40	6 025 002 105	21 828 203	Pass	6 025 002 146	21 828 244	Pass
	30	6 024 988 086	21 814 185	Pass	6 024 988 045	21 814 143	Pass
	20	6 024 962 901	21 789 000	Pass	6 024 966 786	21 792 884	Pass
	10	6 024 981 929	21 808 027	Pass	6 024 981 860	21 807 959	Pass
	0	6 025 014 040	21 840 138	Pass	6 025 013 918	21 840 017	Pass
	-10	6 025 035 251	21 861 349	Pass	6 025 035 213	21 861 312	Pass
Voltage (V)	Temp (°C)	5 min			10 min		
		Frequency (Hz)	Gap (Hz)	P/F	Frequency (Hz)	Gap (Hz)	P/F
5.0	50	6 025 016 209	21 842 307	Pass	6 025 016 232	21 842 331	Pass
	40	6 025 002 017	21 828 116	Pass	6 025 002 045	21 828 143	Pass
	30	6 024 988 104	21 814 203	Pass	6 024 988 074	21 814 173	Pass
	20	6 024 966 786	21 792 884	Pass	6 024 967 793	21 793 891	Pass
	10	6 024 981 940	21 808 039	Pass	6 024 981 922	21 808 020	Pass
	0	6 025 014 032	21 840 131	Pass	6 025 014 000	21 840 099	Pass
	-10	6 025 035 212	21 861 311	Pass	6 025 035 253	21 861 351	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 = 5 946 789 000 Hz – 5 925 000 000 Hz = 21 789 000 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	WEINSCHTEL	56-10	58765	2024-10-10	2025-10-10
11	30dB ATTenuator	H.P	11708A	24777	2025-03-27	2026-03-27
12	WIDEBAND RADIO COMMUNICATION TESTER	R&S	CMW500	145181	2025-03-28	2026-03-28
13	Signal & Spectrum Analyzer	R&S	FSW43	104084	2025-03-27	2026-03-27
14	OPEN SWITCH AND CONTROL UNIT	R&S	OSP120	100081	N/A	N/A
15	Humidity Temperature	SAMWON ENG	TH01C	1113	2025-01-13	2026-01-13
16	BROADBAND LOW NOISE AMPLIFIER	EXYNOD	ELNA03-40D	631516	2024-08-29	2025-08-29
17	WiFi Filter Bank	R&S	U083	U083-001	N/A	N/A
18	Double Ridged Broadband Horn Antenna	Schwarzbeck	BBHA 9120 D	9120D-508	2024-07-09	2025-07-09
19	Horn Antenna	Q-par Angus	QMS-00208	17636	2024-08-28	2025-08-28
20	Horn Antenna	Q-par Angus	QSH20S20	8179	2024-07-09	2025-07-09
21	Horn Antenna	Q-par Angus	QSH22K20	8180	2024-07-09	2025-07-09
22	Signal Conditioning Unit	R&S	SCU-18F	180025	2025-03-27	2026-03-27
23	Signal Conditioning Unit	R&S	SCU-26	10011	2024-07-05	2025-07-05
24	Signal Conditioning Unit	R&S	SCU 40	100380	2024-07-05	2025-07-05

Test Report No.: REP095504-3

25	EMI TEST RECEIVER	ROHDE & SCHWARZ	ESW44	103318	2025-01-08	2026-01-08
26	Open Switch and Control Unit	ROHDE & SCHWARZ	OSP220	102977	N/A	N/A
27	Humidity Temperature	DRETEC	O-230	NK-B-E-0157	2025-01-13	2026-01-13
28	DIGITAL MULTIMETER	EZ DIGITAL	DM-334	2111395	2024-10-08	2025-10-08
29	AMPLIFIER	HP	8447F	2805A03406	2025-01-08	2026-01-08
30	Active Loop Antenna	ROHDE & SCHWARZ	HFH2-Z2E	101190	2025-01-13	2026-01-13
31	TRILOG Broadband Test Antenna	Schwarzbeck	VULB 9163	01431	2024-11-11	2026-11-11
32	BIAS UNIT	ROHDE & SCHWARZ	IN 600	101621	N/A	N/A
33	EMI TEST RECEIVER	ROHDE & SCHWARZ	ESR7	102803	2024-10-07	2025-10-07
34	TWO-LINE V-NETWORK	ROHDE & SCHWARZ	ENV216	103021	2024-10-07	2025-10-07
35	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