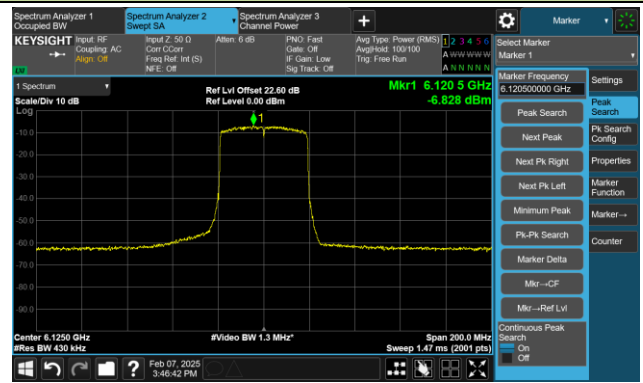


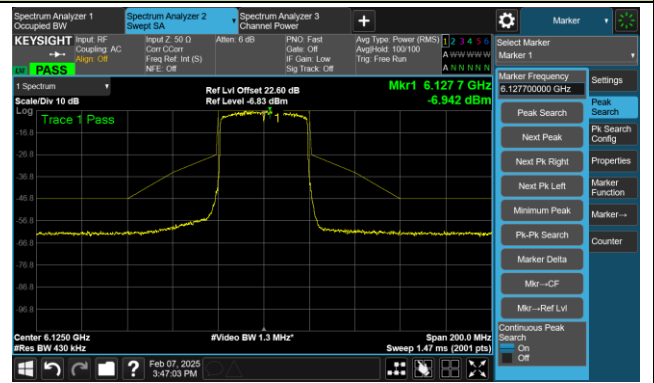
802.11ax-HE40 – Ant 2

Channel 35 (6125MHz)

The Reference Level

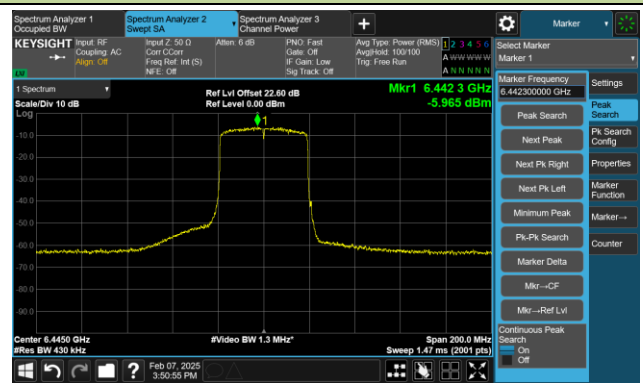


The Mask Data

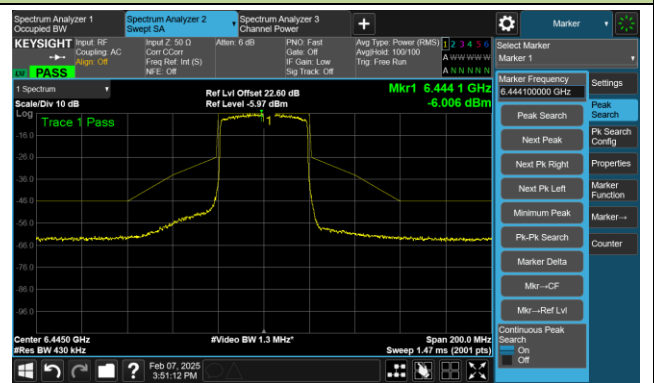


Channel 99 (6445MHz)

The Reference Level

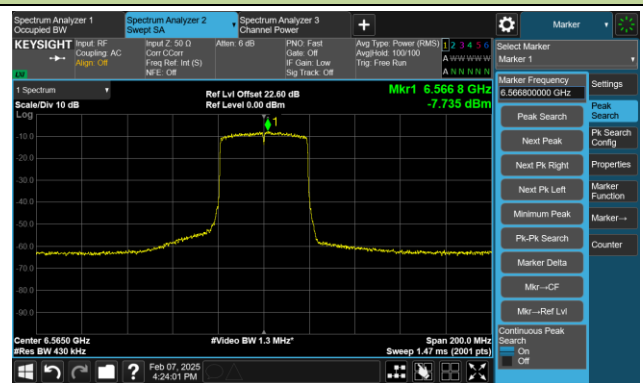


The Mask Data

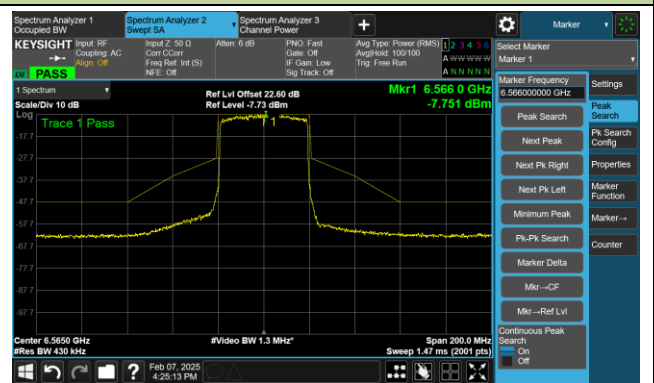


Channel 123 (6565MHz)

The Reference Level



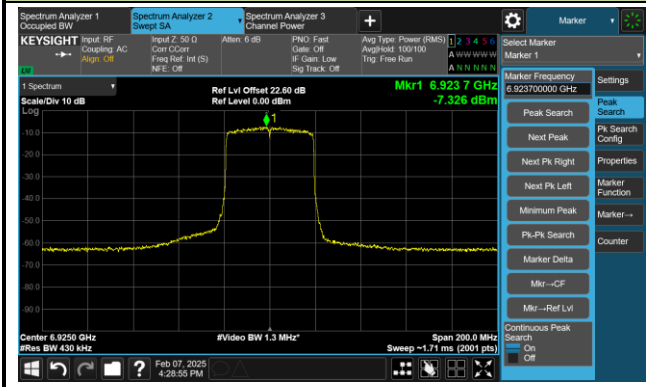
The Mask Data



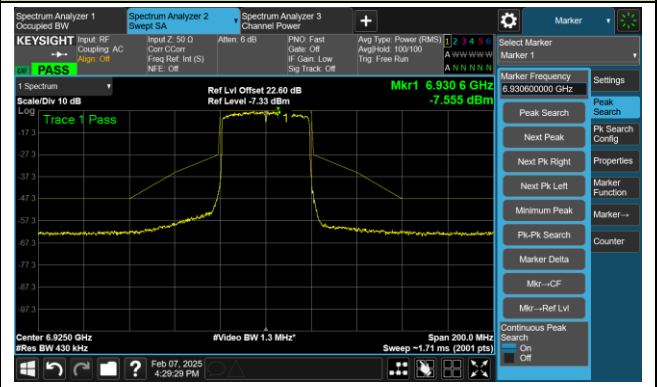
802.11ax-HE40 – Ant 2

Channel 195 (6925MHz)

The Reference Level



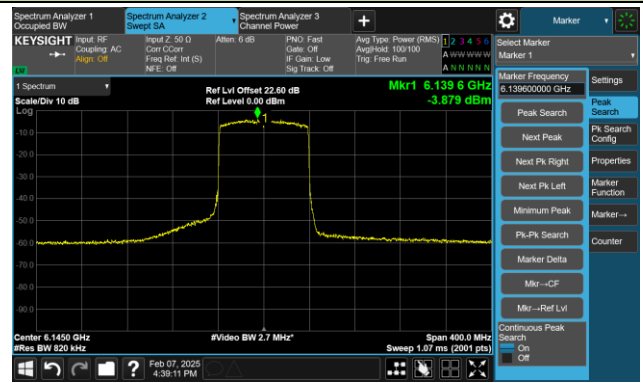
The Mask Data



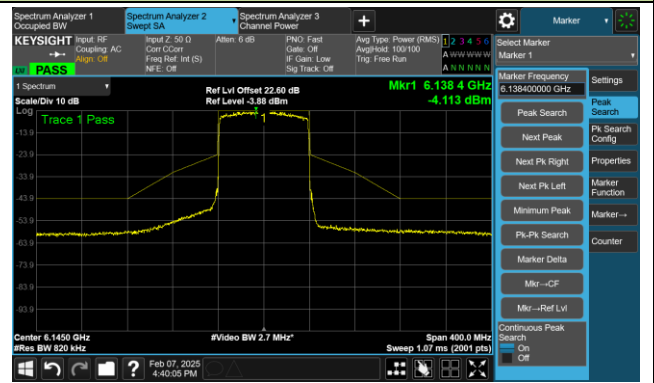
802.11ax-HE80 – Ant 2

Channel 39 (6145MHz)

The Reference Level

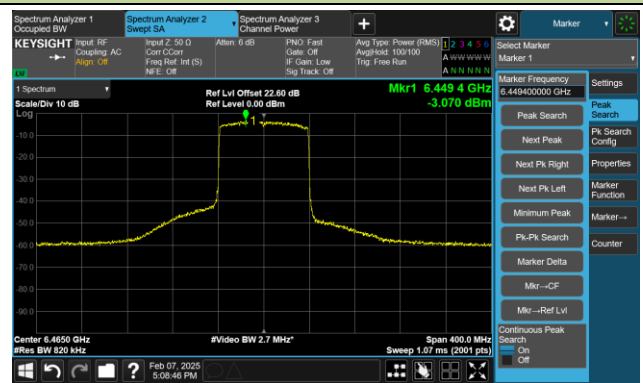


The Mask Data

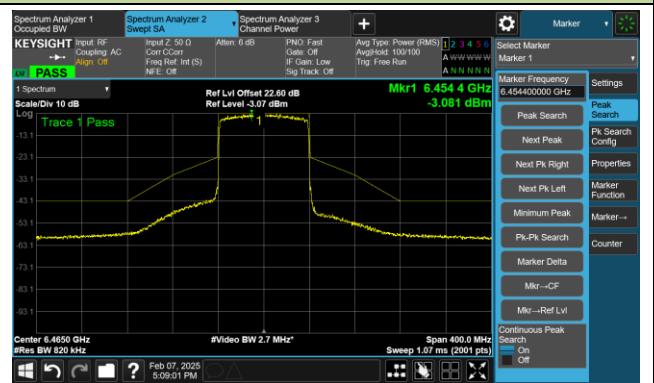


Channel 103 (6465MHz)

The Reference Level

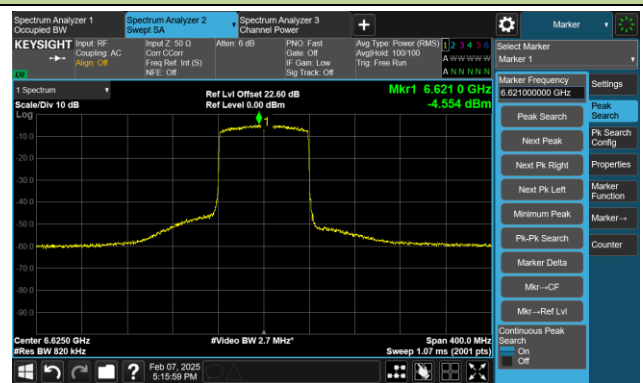


The Mask Data

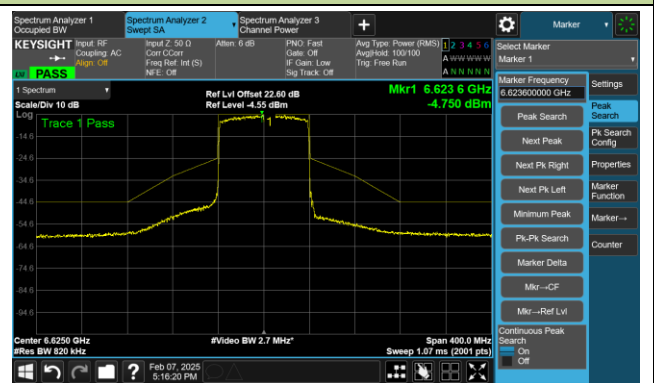


Channel 135 (6625MHz)

The Reference Level



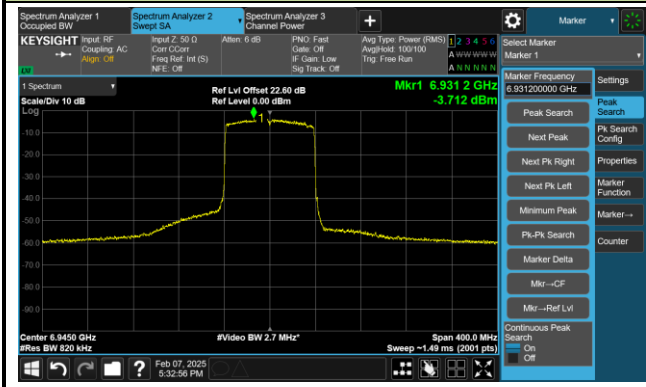
The Mask Data



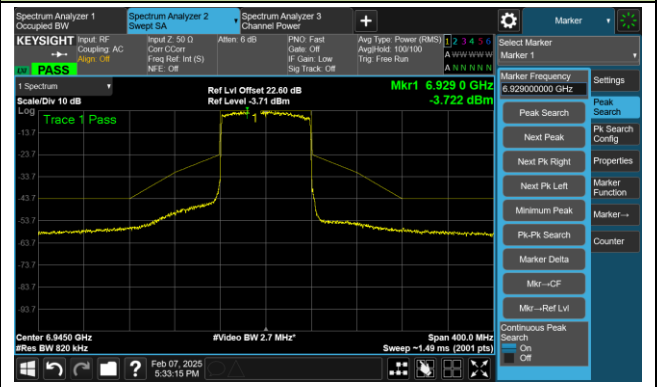
802.11ax-HE80 – Ant 2

Channel 199 (6945MHz)

The Reference Level



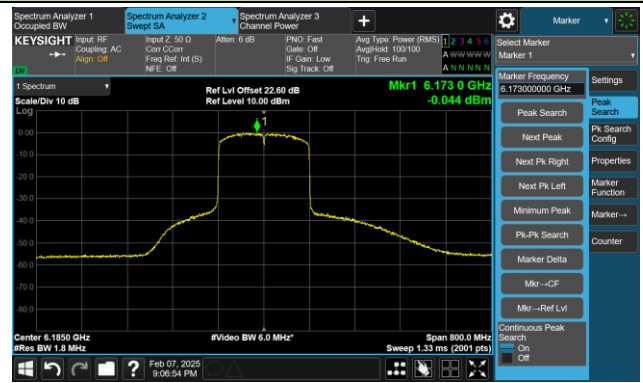
The Mask Data



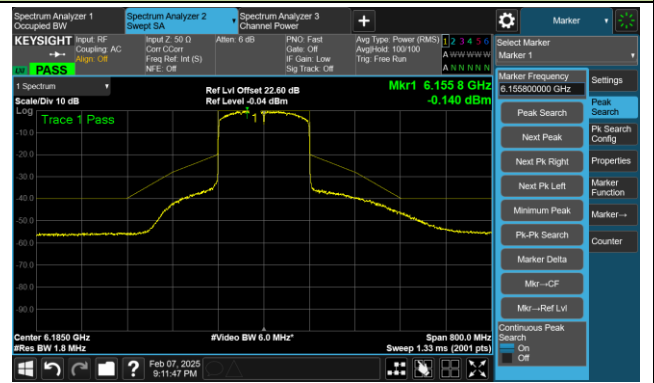
802.11ax-HE160 – Ant 2

Channel 47 (6185MHz)

The Reference Level

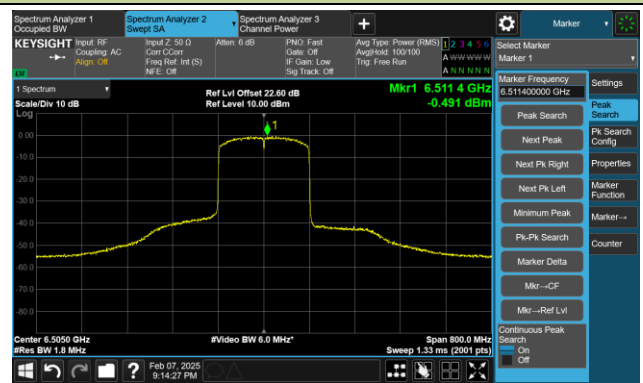


The Mask Data

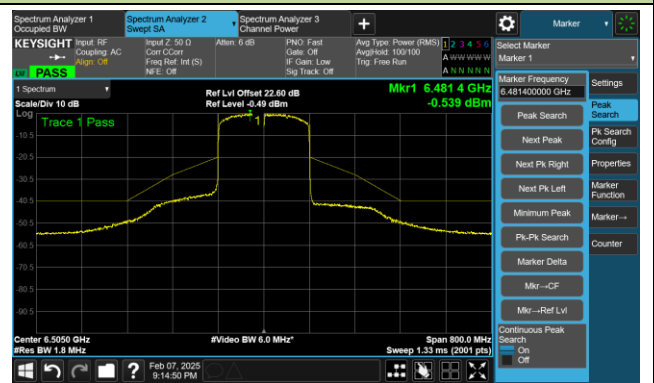


Channel 111 (6505MHz)

The Reference Level

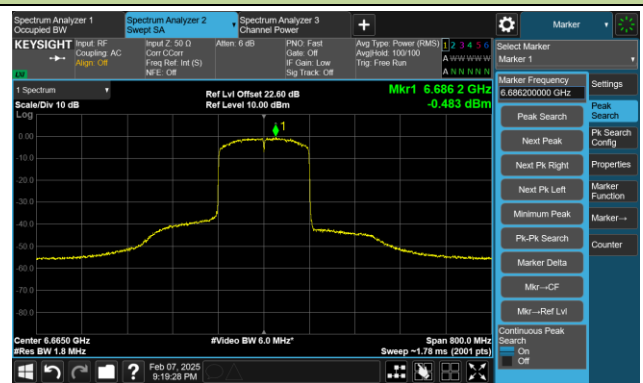


The Mask Data

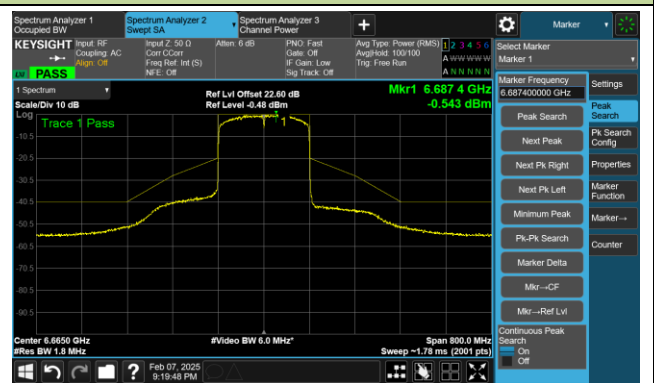


Channel 143 (6665MHz)

The Reference Level



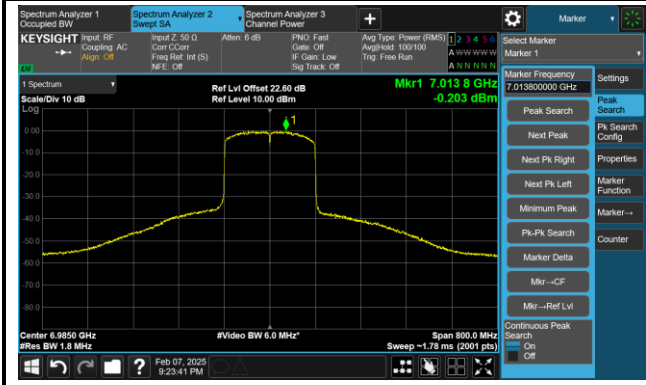
The Mask Data



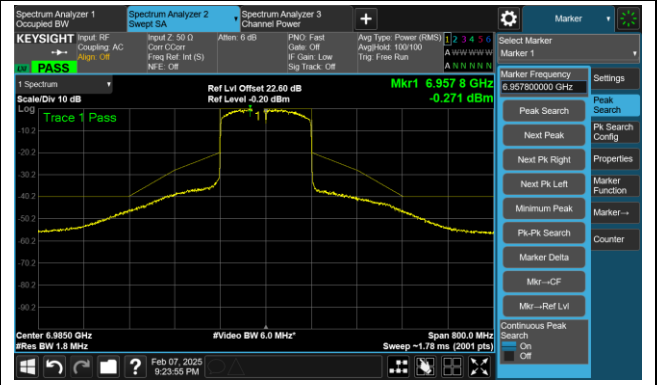
802.11ax-HE160 – Ant 2

Channel 207 (6985MHz)

The Reference Level



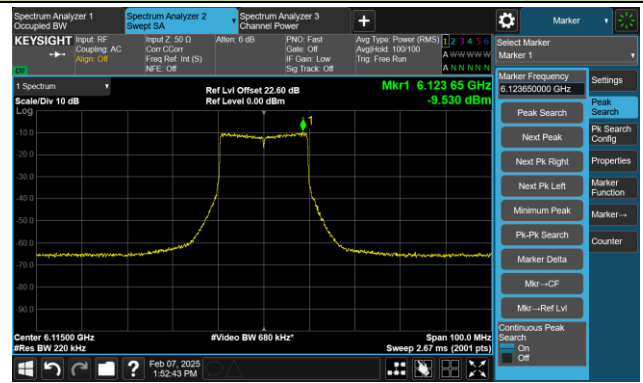
The Mask Data



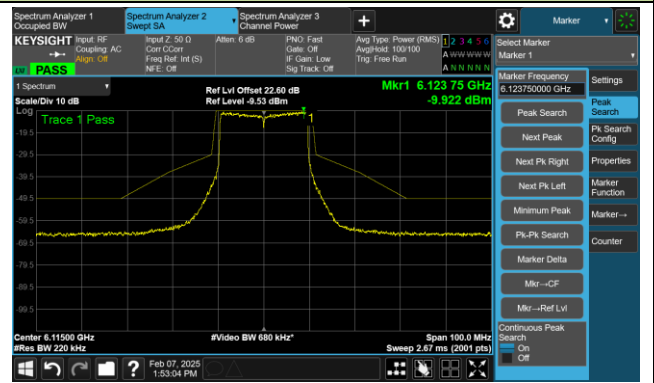
802.11ax-HE20 – Ant 3

Channel 33 (6115MHz)

The Reference Level

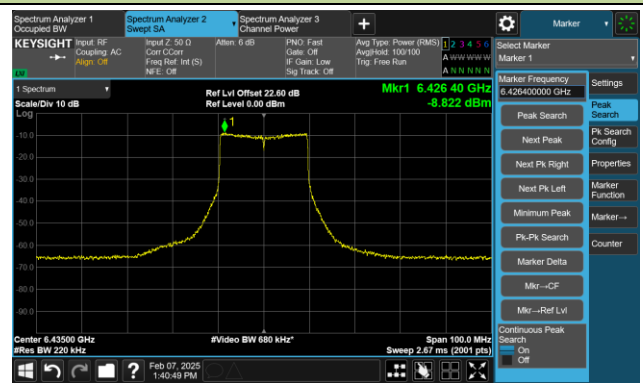


The Mask Data

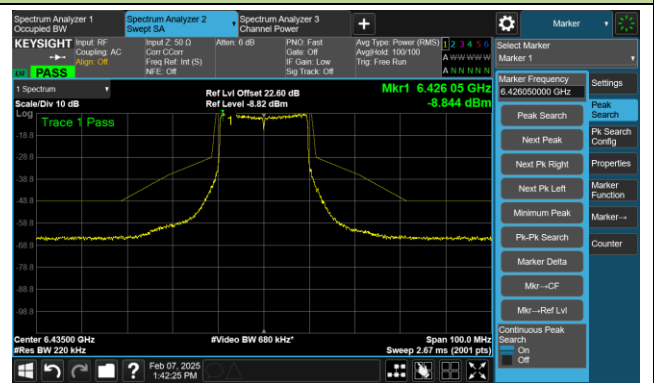


Channel 97 (6435MHz)

The Reference Level

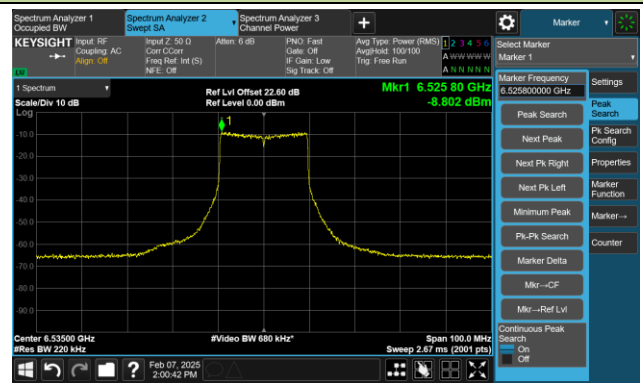


The Mask Data

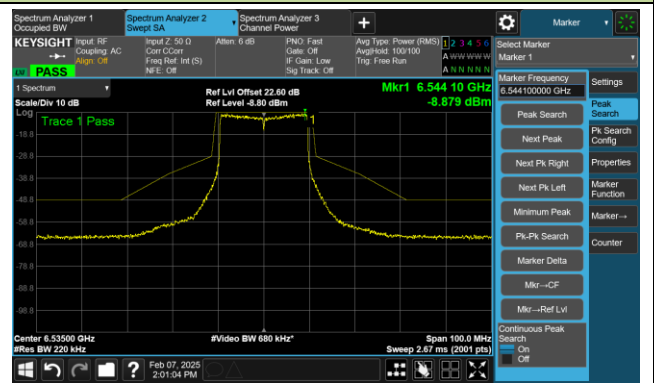


Channel 117 (6535MHz)

The Reference Level



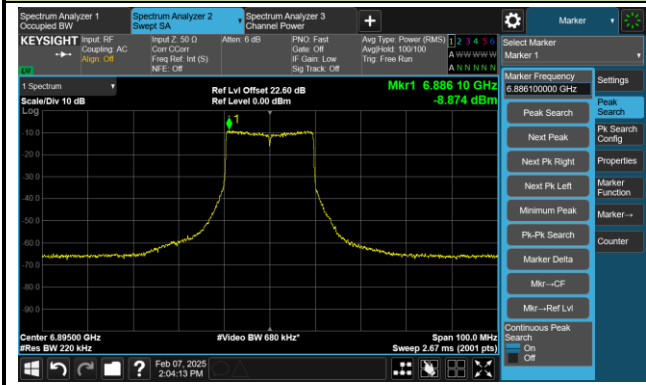
The Mask Data



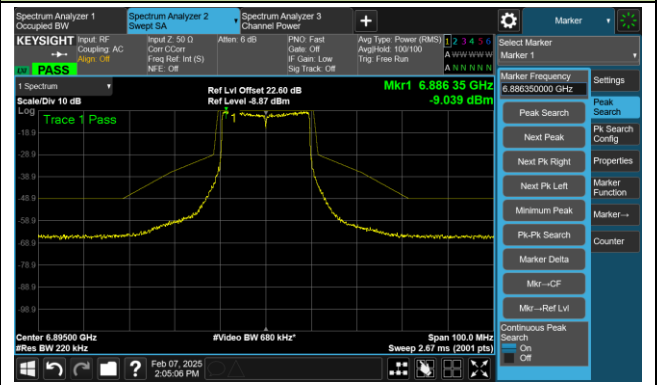
802.11ax-HE20 – Ant 3

Channel 189 (6895MHz)

The Reference Level



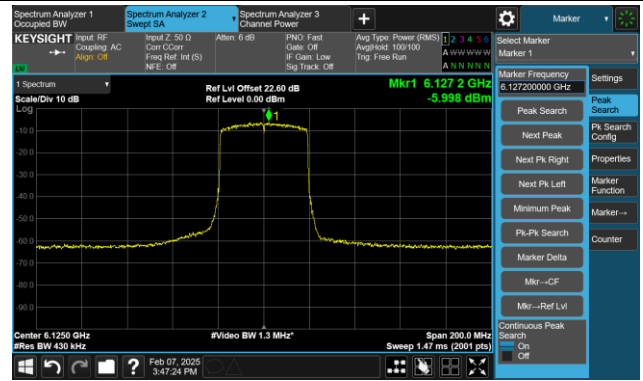
The Mask Data



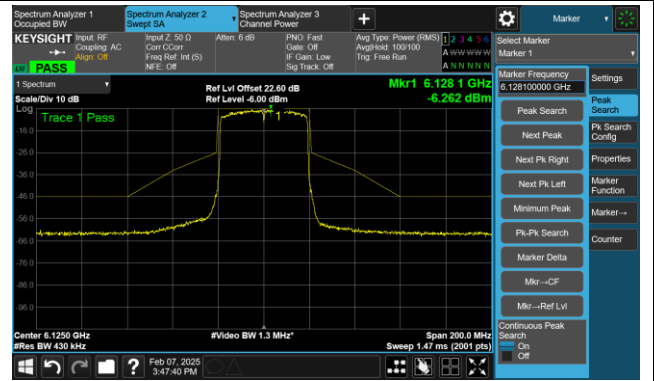
802.11ax-HE40 – Ant 3

Channel 35 (6125MHz)

The Reference Level

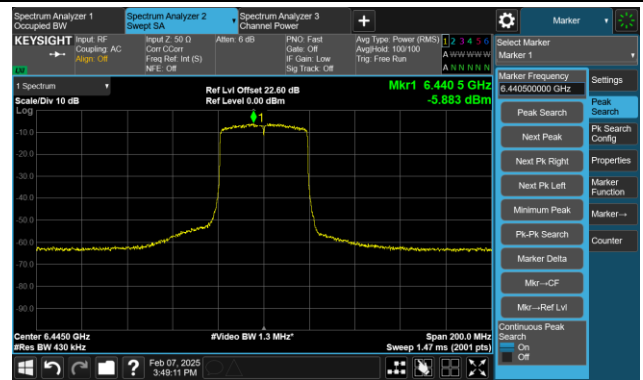


The Mask Data

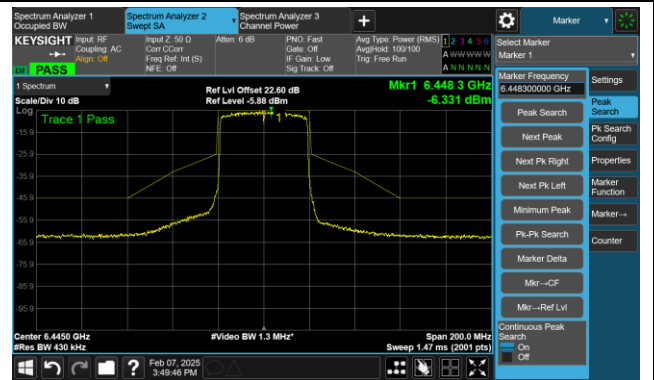


Channel 99 (6445MHz)

The Reference Level

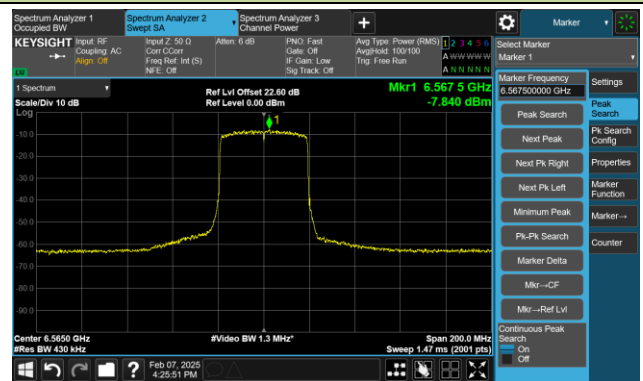


The Mask Data

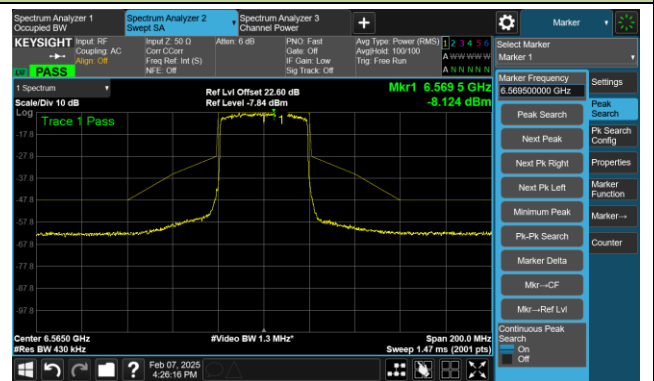


Channel 123 (6565MHz)

The Reference Level



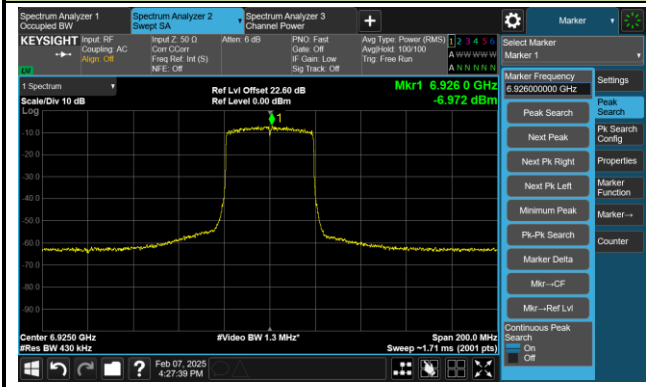
The Mask Data



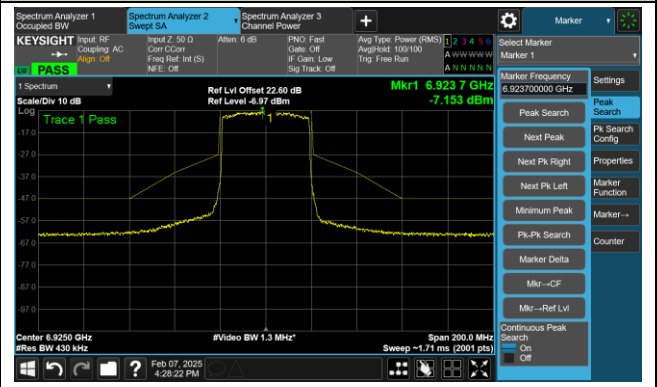
802.11ax-HE40 – Ant 3

Channel 195 (6925MHz)

The Reference Level



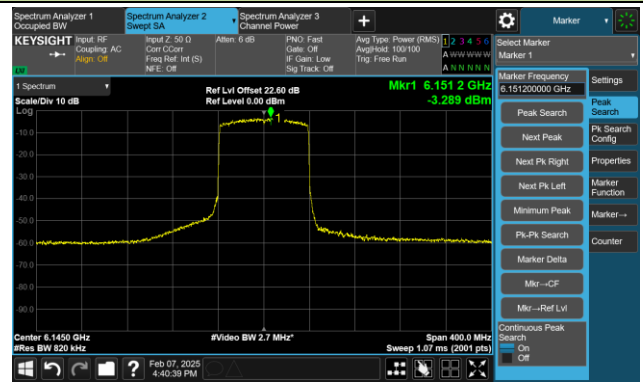
The Mask Data



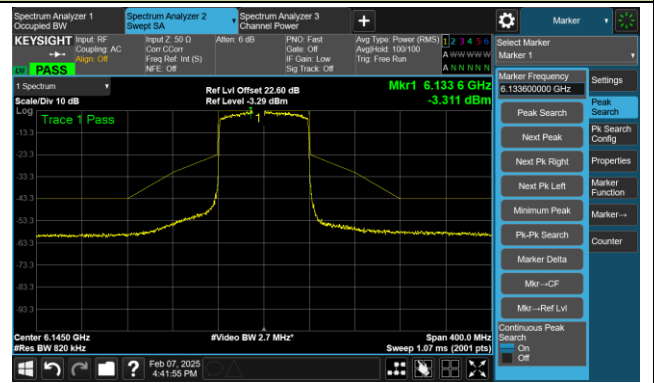
802.11ax-HE80 – Ant 3

Channel 39 (6145MHz)

The Reference Level

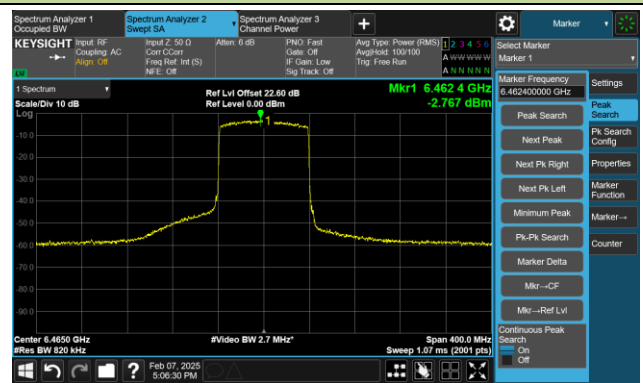


The Mask Data

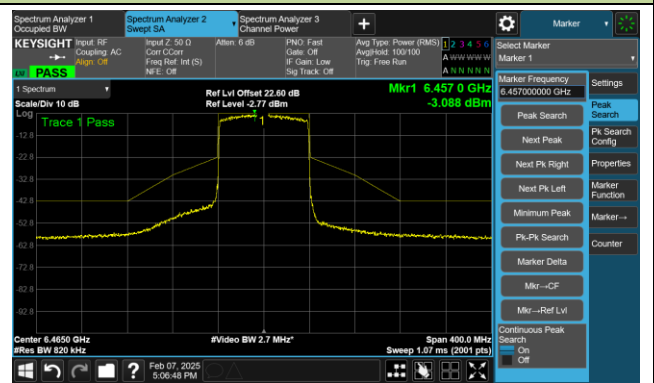


Channel 103 (6465MHz)

The Reference Level

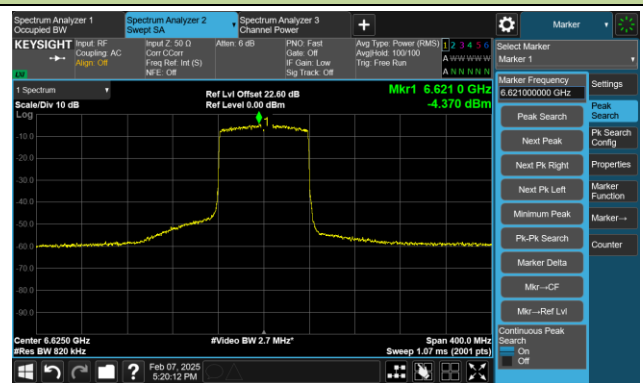


The Mask Data

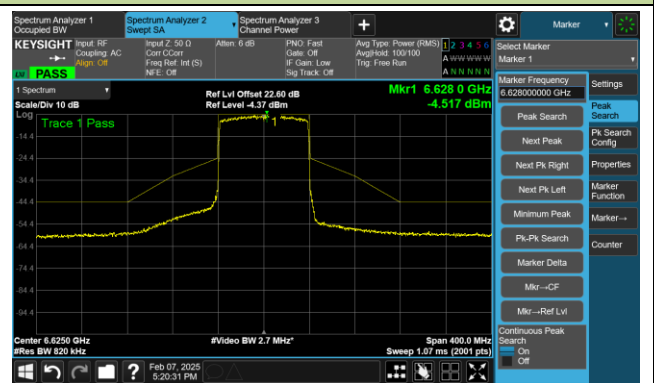


Channel 135 (6625MHz)

The Reference Level



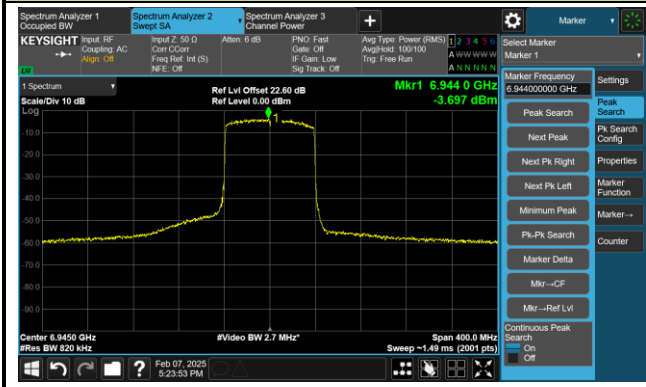
The Mask Data



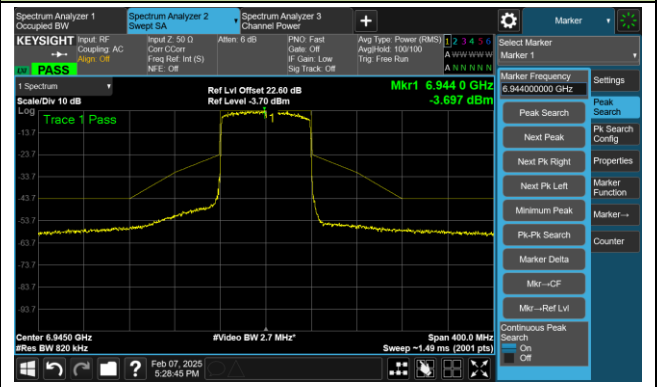
802.11ax-HE80 – Ant 3

Channel 199 (6945MHz)

The Reference Level



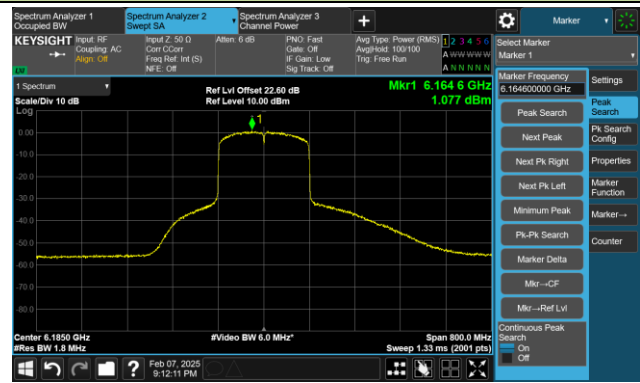
The Mask Data



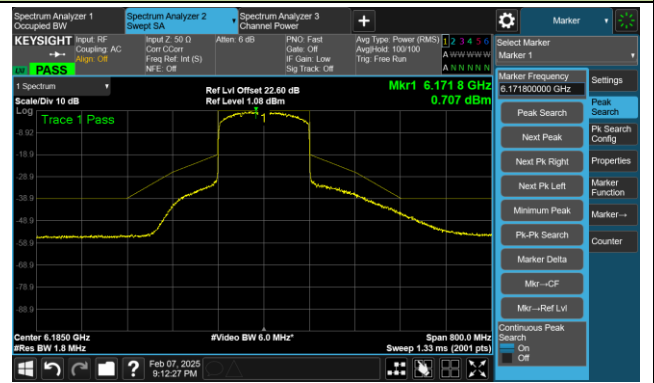
802.11ax-HE160 – Ant 3

Channel 47 (6185MHz)

The Reference Level

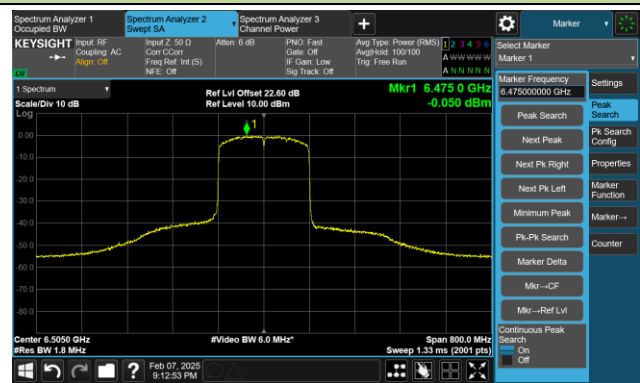


The Mask Data

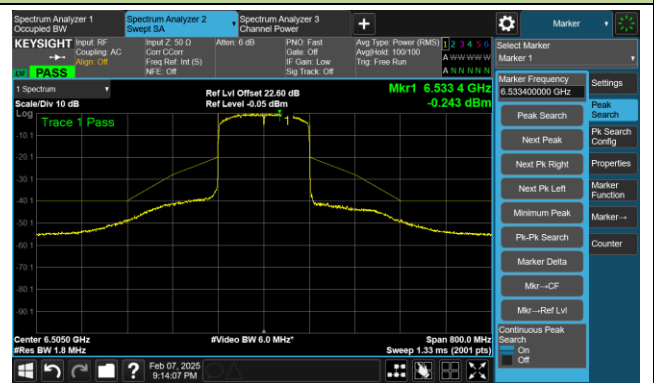


Channel 111 (6505MHz)

The Reference Level

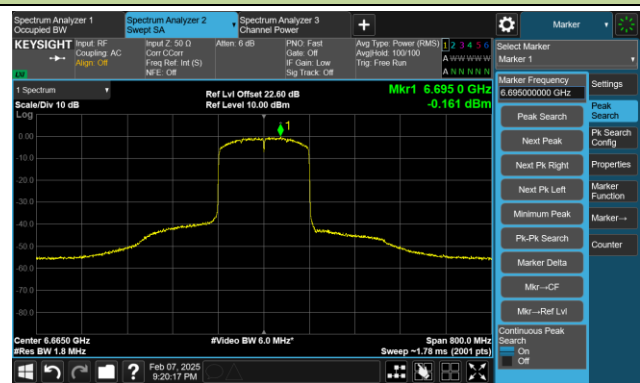


The Mask Data

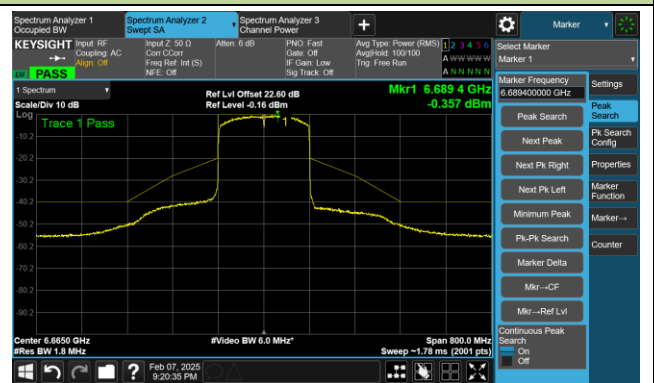


Channel 143 (6665MHz)

The Reference Level



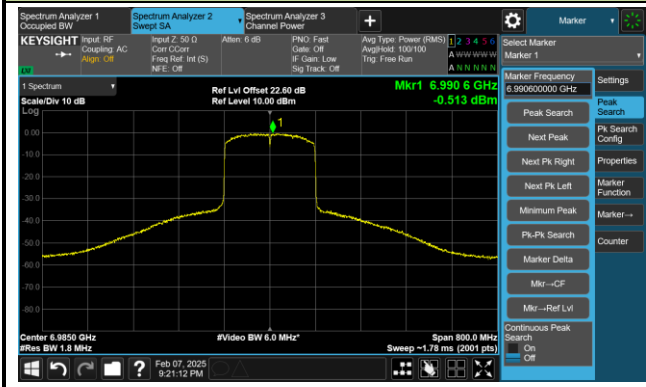
The Mask Data



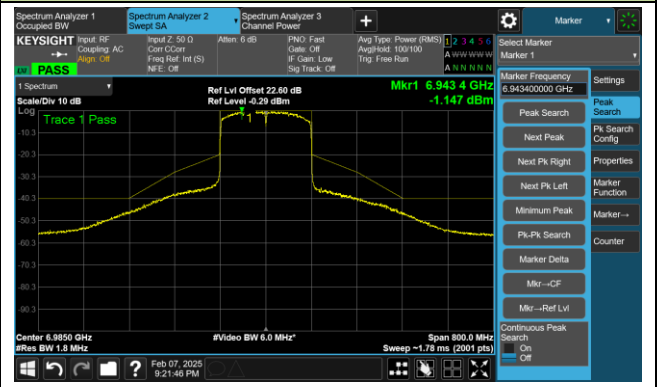
802.11ax-HE160 – Ant 3

Channel 207 (6985MHz)

The Reference Level



The Mask Data



A.6 Frequency Stability Test Result

Refer to MRT original report “2109RSU026-U2” clause A.6

Spot Check Test Data:

Test Site	WZ-TR3	Test Engineer	Dandy Li
Test Date	2025-02-08		
Test Mode	5955MHz (Carrier Mode)		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)
100	120	- 10	-2.34

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} *10⁶.

A.7 Contention Based Protocol Test Result

Refer to MRT original report “2109RSU026-U2” clause A.7

Spot Check Test Data:

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2025-02-17		

Test Channel	Bandwidth h (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	AWGN Power (dBm)	Ant. Gain (dBi)	Adjust Power (dBm)	Detection Limit (dBm)	Detected Number	Detection Probability (%)	Limi t (%)	Test Result
Operation Band: U-NII 7											
143	160	6665	6590	-63	3.97	-66.97	≤ -62.0	10	100	90	Pass
143	160	6665	6665	-59	3.97	-62.97	≤ -62.0	10	100	90	Pass
143	160	6665	6740	-62	3.97	-65.97	≤ -62.0	10	100	90	Pass

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

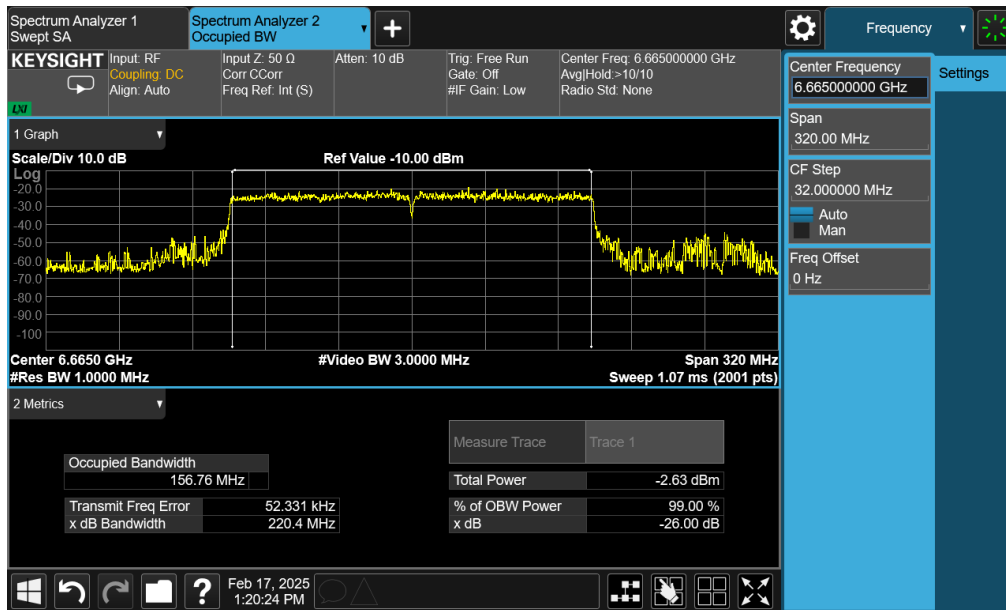
Note 2: Conducted measurements are used.

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2025-02-17		

Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Status
Operation Band: U-NII 7				
160	6665	6590	-70.97	ON
			-69.97	Minimal
			-66.97	OFF
160	6665	6665	-80.97	ON
			-79.97	Minimal
			-62.97	OFF
160	6665	6740	-69.97	ON
			-68.97	Minimal
			-65.97	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				

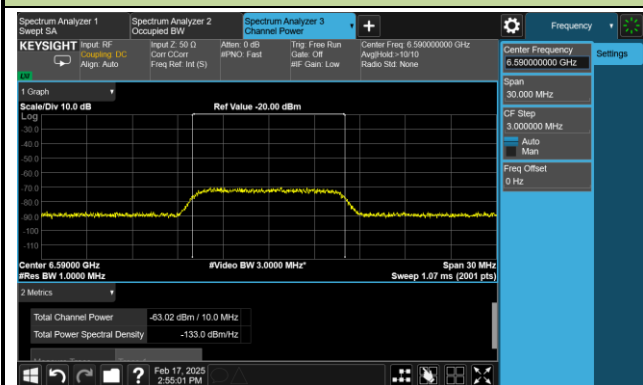
EUT Tx Waveform

802.11ax-HE160 / CH143

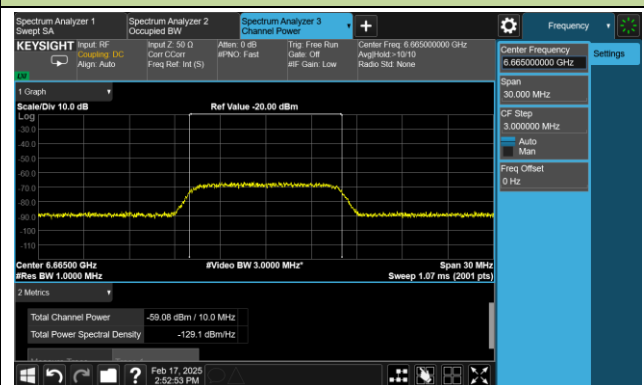


Incumbent Signal Calibration Plots (NII-7 Band)

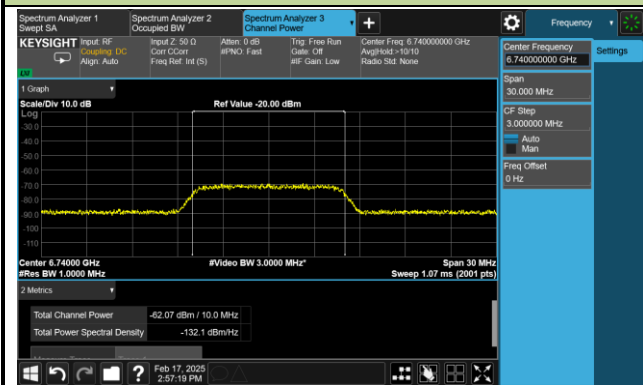
802.11ax-HE160 / CH143 (Low Edge)



802.11ax-HE160 / CH143 (Middle)

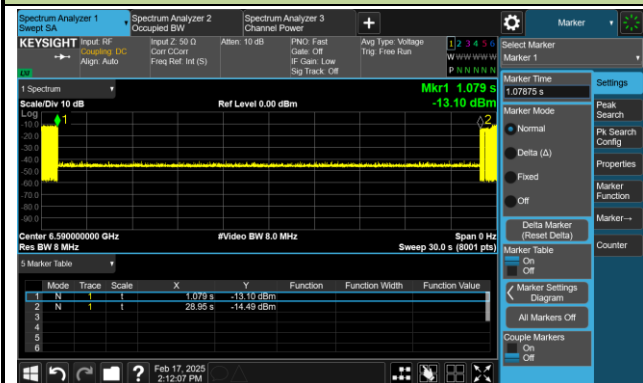


802.11ax-HE160 / CH143 (High Edge)

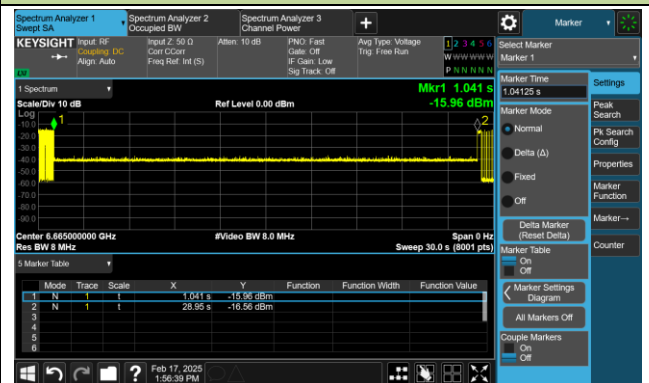


Test Result of EUT ceased transmission (NII-7 Band)

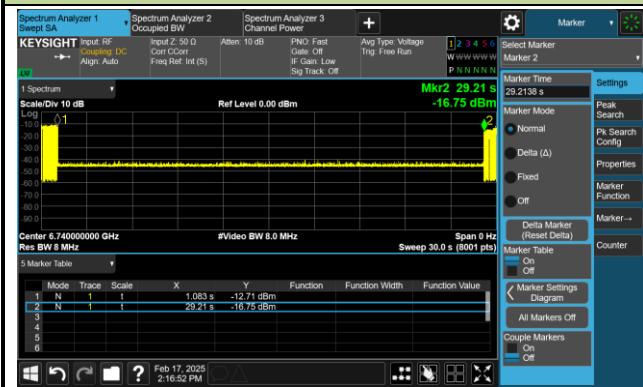
802.11ax-HE160 / CH143 (Low Edge)



802.11ax-HE160 / CH143 (Middle)



802.11ax-HE160 / CH143 (High Edge)



A.8 Radiated Spurious Emission Test Result

Refer to MRT original report "2109RSU026-U2" clause A.8

Spot Check Test Data:

FB Filter (M5247)

Product	ACCESS POINT	Test Engineer	Ajin Fan
Test Site	WZ-AC2	Test Date	2025-01-23
Test Mode	802.11ax-HE20 (Nss=1)	Test Channel	153
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
*	10016.800	34.2	12.8	47.0	88.2	-41.2	Peak	Horizontal
	11006.200	33.7	15.8	49.5	74.0	-24.5	Peak	Horizontal
*	14921.300	32.7	18.5	51.2	88.2	-37.0	Peak	Horizontal
	15589.400	33.1	16.8	49.9	74.0	-24.1	Peak	Horizontal
	11091.200	32.6	15.9	48.5	74.0	-25.5	Peak	Vertical
*	14030.500	32.5	18.8	51.3	88.2	-36.9	Peak	Vertical
*	14991.000	33.1	17.8	50.9	88.2	-37.3	Peak	Vertical
	15783.200	34.0	16.3	50.3	74.0	-23.7	Peak	Vertical

Note 1: "*" is not in restricted band.

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

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

Product	ACCESS POINT	Test Engineer	Ajin Fan
Test Site	WZ-AC2	Test Date	2025-01-23
Test Mode	802.11ax-HE20 (Nss=1)	Test Channel	185
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	11735.500	32.1	16.7	48.8	74.0	-25.2	Peak	Horizontal
*	13034.300	31.8	16.7	48.5	88.2	-39.7	Peak	Horizontal
*	13867.300	34.0	18.6	52.6	88.2	-35.6	Peak	Horizontal
	15599.600	33.7	16.7	50.4	74.0	-23.6	Peak	Horizontal
	11839.200	31.9	16.3	48.2	74.0	-25.8	Peak	Vertical
*	14027.100	31.2	18.7	49.9	88.2	-38.3	Peak	Vertical
*	14865.200	32.8	18.3	51.1	88.2	-37.1	Peak	Vertical
	15480.600	32.5	17.5	50.0	74.0	-24.0	Peak	Vertical

Note 1: "*" is not in restricted band.

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

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

Product	ACCESS POINT	Test Engineer	Ajin Fan
Test Site	WZ-AC2	Test Date	2025-01-23
Test Mode	802.11ax-HE40 (Nss=4)	Test Channel	107
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	11648.800	31.5	16.8	48.3	74.0	-25.7	Peak	Horizontal
*	12983.300	31.4	16.9	48.3	88.2	-39.9	Peak	Horizontal
*	14135.900	31.0	19.0	50.0	88.2	-38.2	Peak	Horizontal
	15747.500	34.3	16.4	50.7	74.0	-23.3	Peak	Horizontal
	11633.500	32.1	16.8	48.9	74.0	-25.1	Peak	Vertical
*	12860.900	31.6	16.7	48.3	88.2	-39.9	Peak	Vertical
*	14384.100	32.8	18.7	51.5	88.2	-36.7	Peak	Vertical
	15662.500	33.6	16.3	49.9	74.0	-24.1	Peak	Vertical

Note 1: "*" is not in restricted band.

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

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

Product	ACCESS POINT	Test Engineer	Ajin Fan
Test Site	WZ-AC2	Test Date	2025-01-23
Test Mode	802.11ax-HE40 (Nss=4)	Test Channel	195
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	11642.000	31.7	16.9	48.6	74.0	-25.4	Peak	Horizontal
*	14022.000	31.5	18.7	50.2	88.2	-38.0	Peak	Horizontal
*	14991.000	32.6	17.8	50.4	88.2	-37.8	Peak	Horizontal
	15759.400	33.9	16.4	50.3	74.0	-23.7	Peak	Horizontal
	11585.900	31.8	16.3	48.1	74.0	-25.9	Peak	Vertical
*	14101.900	32.0	18.6	50.6	88.2	-37.6	Peak	Vertical
*	14979.100	32.3	17.8	50.1	88.2	-38.1	Peak	Vertical
	15915.800	33.2	16.6	49.8	74.0	-24.2	Peak	Vertical

Note 1: "*" is not in restricted band.

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

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

Product	ACCESS POINT	Test Engineer	Ajin Fan
Test Site	WZ-AC2	Test Date	2025-01-23
Test Mode	802.11ax-HE160 (Nss=4)	Test Channel	47
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	11647.100	31.3	16.9	48.2	74.0	-25.8	Peak	Horizontal
*	12881.300	31.8	16.8	48.6	88.2	-39.6	Peak	Horizontal
*	14917.900	32.4	18.5	50.9	88.2	-37.3	Peak	Horizontal
	15422.800	31.9	17.8	49.7	74.0	-24.3	Peak	Horizontal
	11514.500	31.9	16.2	48.1	74.0	-25.9	Peak	Vertical
*	13879.200	31.0	18.5	49.5	88.2	-38.7	Peak	Vertical
*	14963.800	33.1	17.9	51.0	88.2	-37.2	Peak	Vertical
	15754.300	33.5	16.4	49.9	74.0	-24.1	Peak	Vertical

Note 1: “*” is not in restricted band.

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

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

PB Filter (B8385)

Product	ACCESS POINT	Test Engineer	Ajin Fan
Test Site	WZ-AC2	Test Date	2025-01-23
Test Mode	802.11ax-HE20 (Nss=4)	Test Channel	153
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	11623.300	32.5	16.6	49.1	74.0	-24.9	Peak	Horizontal
*	13879.200	31.8	18.5	50.3	88.2	-37.9	Peak	Horizontal
*	14863.500	33.0	18.4	51.4	88.2	-36.8	Peak	Horizontal
	15538.400	33.4	17.0	50.4	74.0	-23.6	Peak	Horizontal
	11849.400	32.6	16.1	48.7	74.0	-25.3	Peak	Vertical
*	14183.500	31.6	18.7	50.3	88.2	-37.9	Peak	Vertical
*	14883.900	32.9	17.9	50.8	88.2	-37.4	Peak	Vertical
	15460.200	33.3	17.4	50.7	74.0	-23.3	Peak	Vertical

Note 1: "*" is not in restricted band.

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

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

Product	ACCESS POINT	Test Engineer	Ajin Fan
Test Site	WZ-AC2	Test Date	2025-01-23
Test Mode	802.11ax-HE20 (Nss=4)	Test Channel	185
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	11007.900	33.5	15.8	49.3	74.0	-24.7	Peak	Horizontal
*	14035.600	30.9	18.8	49.7	88.2	-38.5	Peak	Horizontal
*	14916.200	31.9	18.4	50.3	88.2	-37.9	Peak	Horizontal
	15433.000	33.3	17.7	51.0	74.0	-23.0	Peak	Horizontal
	11727.000	31.7	16.8	48.5	74.0	-25.5	Peak	Vertical
*	13979.500	31.5	18.5	50.0	88.2	-38.2	Peak	Vertical
*	14919.600	32.9	18.5	51.4	88.2	-36.8	Peak	Vertical
	15518.000	33.0	17.2	50.2	74.0	-23.8	Peak	Vertical

Note 1: "*" is not in restricted band.

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

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

Product	ACCESS POINT	Test Engineer	Ajin Fan
Test Site	WZ-AC2	Test Date	2025-01-23
Test Mode	802.11ax-HE40 (Nss=4)	Test Channel	107
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	10919.500	33.0	15.6	48.6	74.0	-25.4	Peak	Horizontal
*	13733.000	30.8	18.0	48.8	88.2	-39.4	Peak	Horizontal
*	14989.300	32.5	17.8	50.3	88.2	-37.9	Peak	Horizontal
	15720.300	34.1	16.0	50.1	74.0	-23.9	Peak	Horizontal
	11776.300	33.4	16.3	49.7	74.0	-24.3	Peak	Vertical
*	14113.800	31.8	18.7	50.5	88.2	-37.7	Peak	Vertical
*	14855.000	32.4	18.6	51.0	88.2	-37.2	Peak	Vertical
	15436.400	32.1	17.6	49.7	74.0	-24.3	Peak	Vertical
Note 1: "*" is not in restricted band. Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	ACCESS POINT	Test Engineer	Ajin Fan
Test Site	WZ-AC2	Test Date	2025-01-23
Test Mode	802.11ax-HE40 (Nss=4)	Test Channel	195
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	11623.300	33.4	16.6	50.0	74.0	-24.0	Peak	Horizontal
*	12942.500	31.5	16.8	48.3	88.2	-39.9	Peak	Horizontal
*	14006.700	32.1	18.3	50.4	88.2	-37.8	Peak	Horizontal
*	14885.600	33.0	17.8	50.8	88.2	-37.4	Peak	Horizontal
	11738.900	32.2	16.6	48.8	74.0	-25.2	Peak	Vertical
*	13751.700	32.1	17.7	49.8	88.2	-38.4	Peak	Vertical
*	14917.900	32.7	18.5	51.2	88.2	-37.0	Peak	Vertical
	15495.900	32.8	17.3	50.1	74.0	-23.9	Peak	Vertical

Note 1: "*" is not in restricted band.

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

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

Product	ACCESS POINT	Test Engineer	Ajin Fan
Test Site	WZ-AC2	Test Date	2025-01-23
Test Mode	802.11ax-HE160 (Nss=4)	Test Channel	47
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	11570.600	32.4	16.5	48.9	74.0	-25.1	Peak	Horizontal
*	13719.400	30.9	18.1	49.0	88.2	-39.2	Peak	Horizontal
*	14996.100	32.8	17.9	50.7	88.2	-37.5	Peak	Horizontal
	15664.200	33.5	16.3	49.8	74.0	-24.2	Peak	Horizontal
	11489.000	32.5	16.7	49.2	74.0	-24.8	Peak	Vertical
*	14137.600	32.0	19.0	51.0	88.2	-37.2	Peak	Vertical
*	14822.700	33.1	18.4	51.5	88.2	-36.7	Peak	Vertical
	15470.400	32.9	17.3	50.2	74.0	-23.8	Peak	Vertical

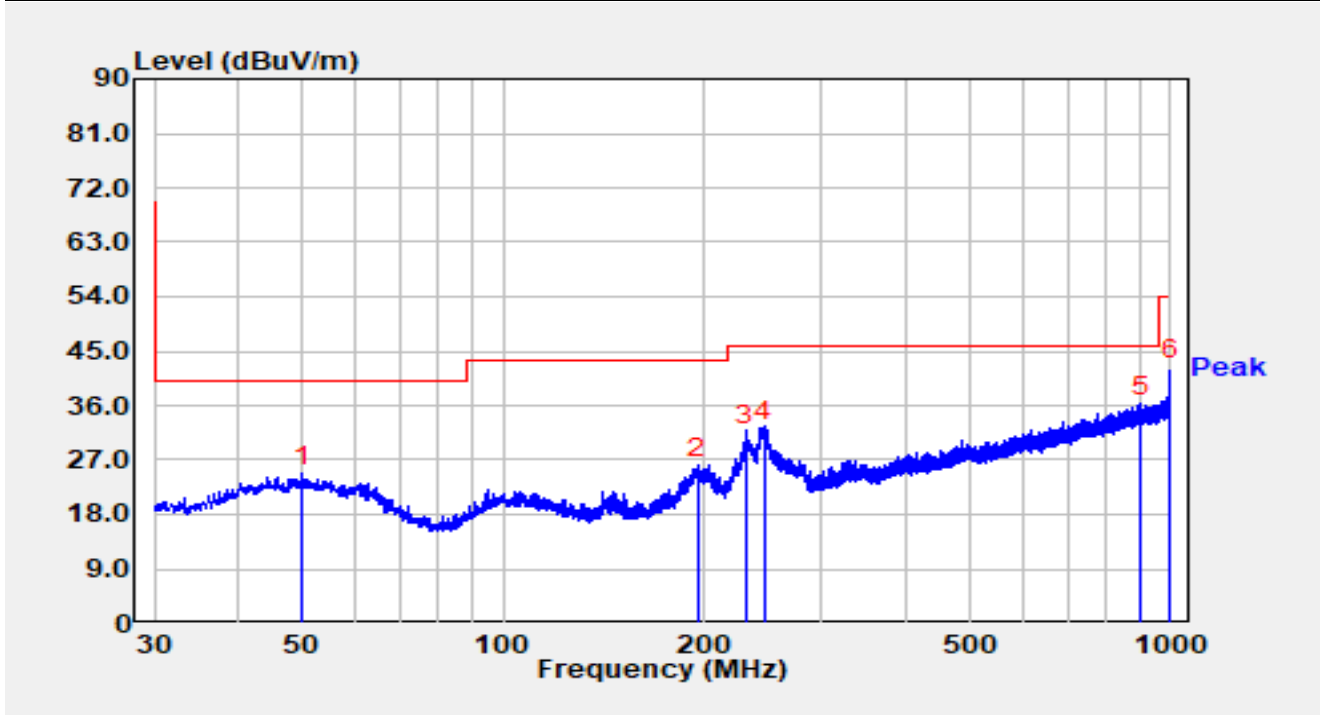
Note 1: "*" is not in restricted band.

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

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

The Result of Radiated Emission below 1GHz:

Site	WZ-AC2	Test Date	2025-01-24
Temperature	17.4 °C	Humidity	30.1 %
Limit	FCC_Part 15.209_RSE(3m)	Test Engineer	Ajin Fan
Factor	VULB 9162_00047	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 5955MHz		

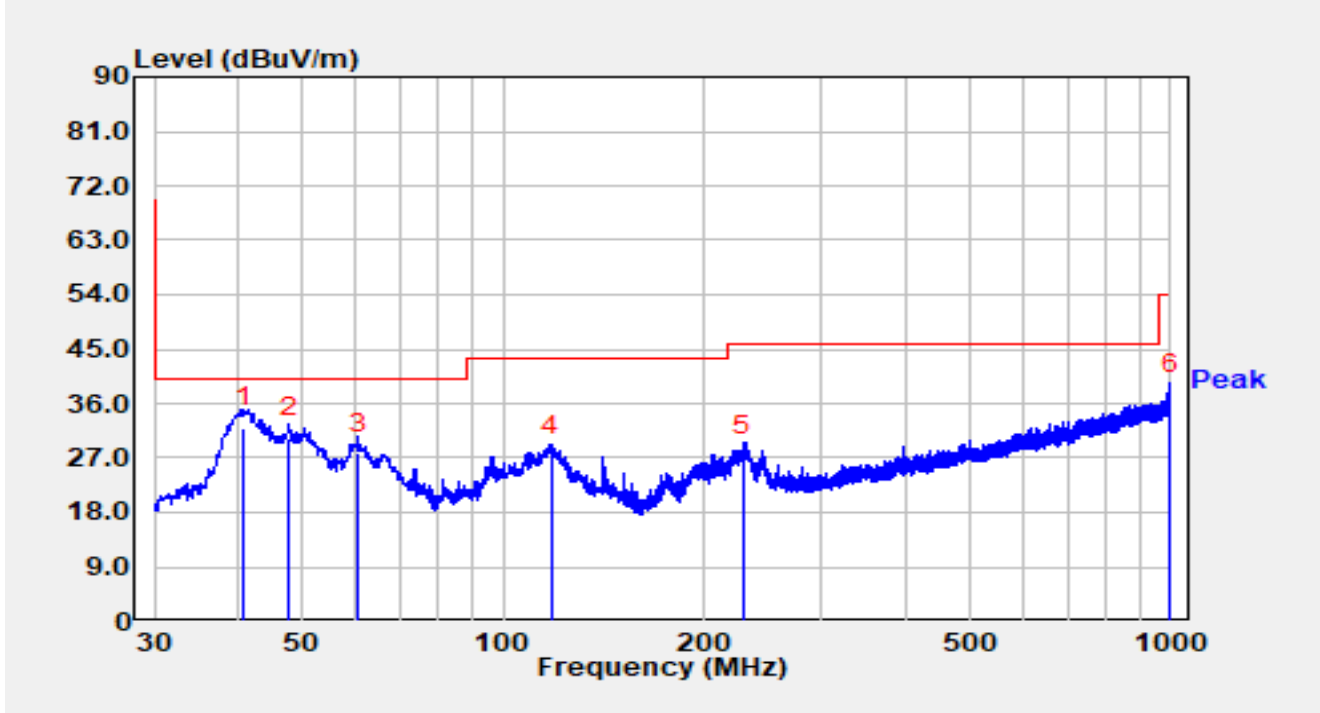


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		49.982	2.15	20.48	22.63	-17.37	40.00	QP
2		195.191	5.21	18.66	23.87	-19.63	43.50	QP
3		231.081	10.12	19.40	29.52	-16.48	46.00	QP
4		245.728	10.12	19.84	29.96	-16.04	46.00	QP
5	*	901.351	2.71	31.48	34.19	-11.81	46.00	QP
6		999.990	7.81	32.42	40.23	-13.77	54.00	QP

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-01-24
Temperature	17.4 °C	Humidity	30.1 %
Limit	FCC_Part 15.209_RSE(3m)	Test Engineer	Ajin Fan
Factor	VULB 9162_00047	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 5955MHz		



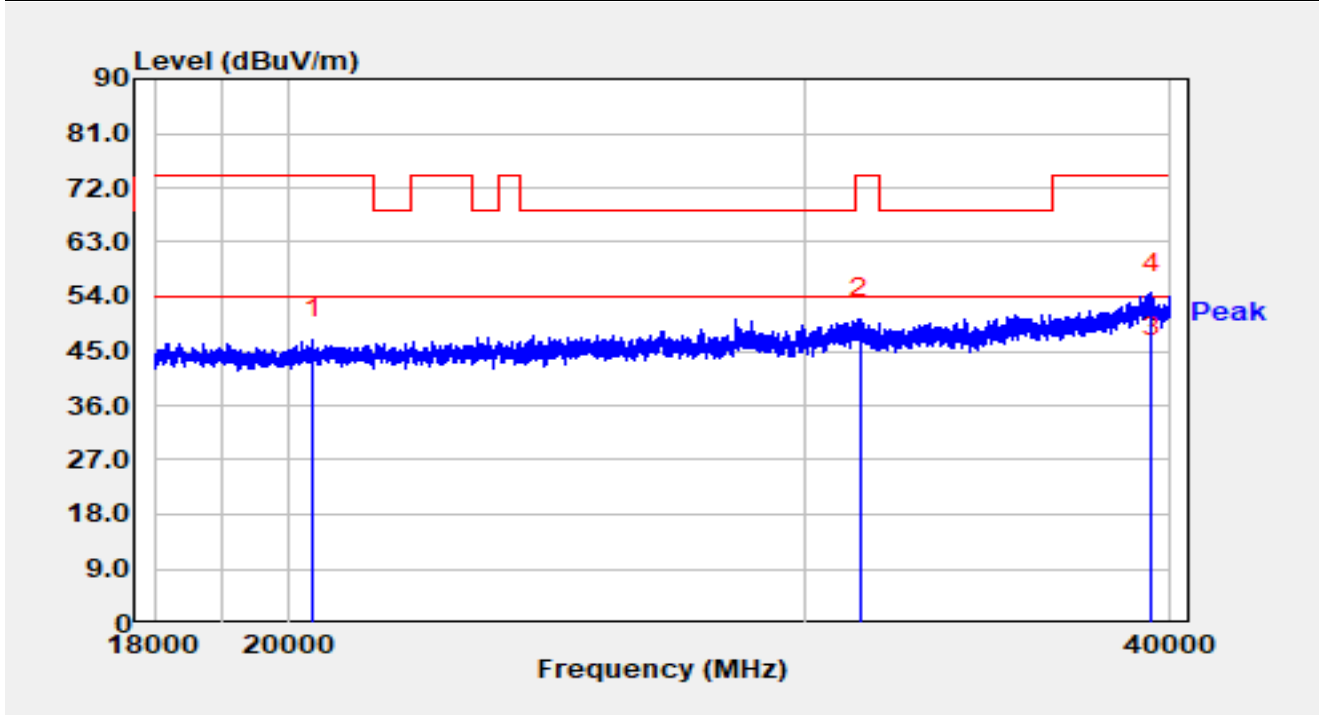
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	40.864	12.51	19.46	31.97	-8.03	40.00	QP
2		47.848	9.85	20.45	30.30	-9.70	40.00	QP
3		60.652	8.64	19.19	27.83	-12.17	40.00	QP
4		118.270	10.12	17.10	27.22	-16.28	43.50	QP
5		228.850	8.12	19.30	27.42	-18.58	46.00	QP
6		999.990	5.12	32.42	37.54	-16.46	54.00	QP

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

The Result of Radiated Emission above 18GHz:

Site	WZ-AC2	Test Date	2025-02-08
Temperature	21.2 °C	Humidity	30.3 %
Limit	FCC_Part 15.209_RSE(3m)	Test Engineer	Dick Shen
Factor	BBHA 9170_00549	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 5955MHz		

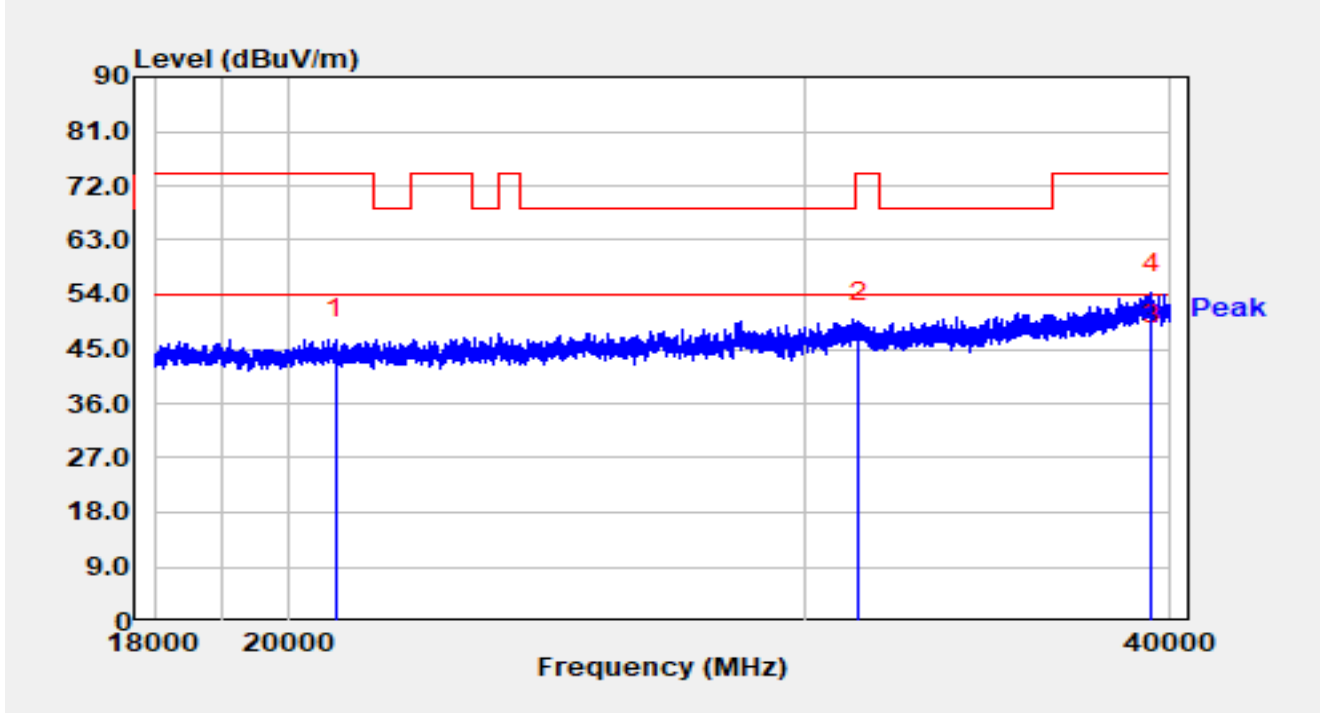


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		20398.000	55.25	-8.33	46.92	-27.08	74.00	Peak
2		31343.000	54.24	-3.96	50.28	-23.72	74.00	Peak
3	*	39401.600	43.61	0.40	44.02	-9.98	54.00	Average
4		39401.600	54.23	0.40	54.63	-19.37	74.00	Peak

Notes:

- " * ", means this data is the worst emission level.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-02-08
Temperature	21.2 °C	Humidity	30.3 %
Limit	FCC_Part 15.209_RSE(3m)	Test Engineer	Dick Shen
Factor	BBHA 9170_00549	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 5955MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		20754.400	54.57	-7.90	46.66	-27.34	74.00	Peak
2		31323.200	53.03	-3.57	49.46	-24.54	74.00	Peak
3	*	39406.000	45.31	0.31	45.62	-8.38	54.00	Average
4		39406.000	53.88	0.31	54.20	-19.80	74.00	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

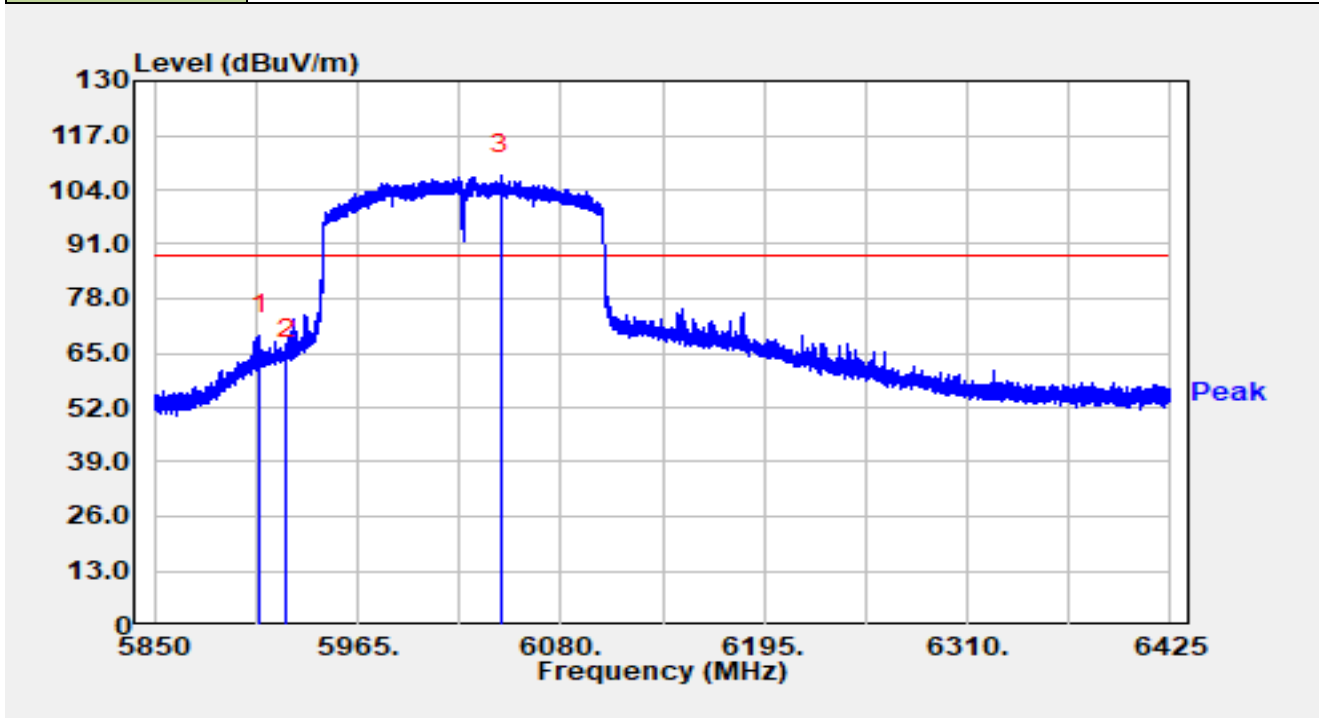
A.9 Radiated Restricted Band Edge Test Result

Refer to MRT original report "2109RSU026-U2" clause A.9

Spot Check Test Data:

FB Filter (M5247)

Site	WZ-AC2	Test Date	2025-02-14
Temperature	20.9 °C	Humidity	31.7 %
Limit	FCC_6G RE (3m)	Test Engineer	Dick Shen
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE160 at 6025MHz NSS=4		

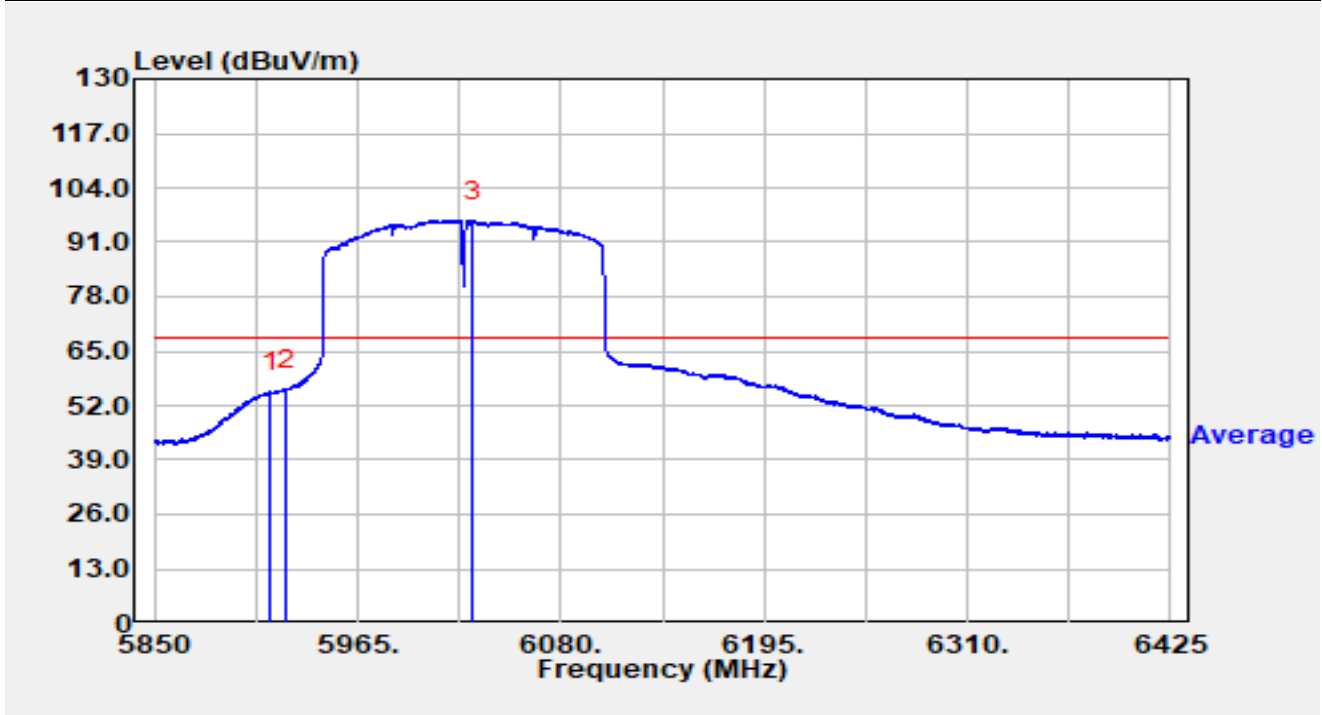


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5909.340	47.63	21.54	69.17	-19.03	88.20	Peak
2		5925.000	42.10	21.59	63.69	-24.51	88.20	Peak
3	*	6046.132	85.56	22.04	107.60	N/A	N/A	Peak

Notes:

1. " * ", means this data is the worst emission level.
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	2025-02-14
Temperature	20.9 °C	Humidity	31.7 %
Limit	FCC_6G RE (3m)	Test Engineer	Dick Shen
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE160 at 6025MHz NSS=4		

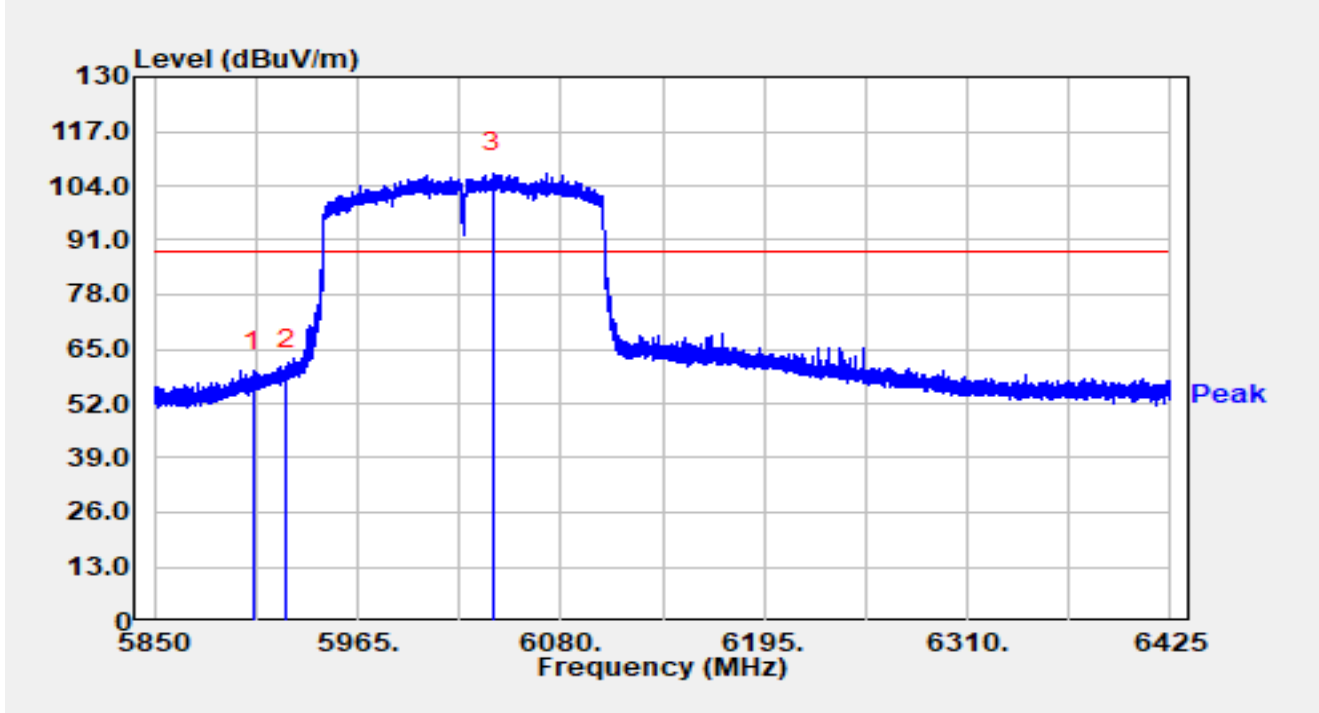


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5916.067	33.68	21.55	55.24	-12.96	68.20	Average
2		5925.000	34.18	21.59	55.78	-12.42	68.20	Average
3	*	6030.263	74.03	22.08	96.10	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
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	2025-02-14
Temperature	20.9 °C	Humidity	31.7 %
Limit	FCC_6G RE (3m)	Test Engineer	Dick Shen
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE160 at 6025MHz NSS=4		

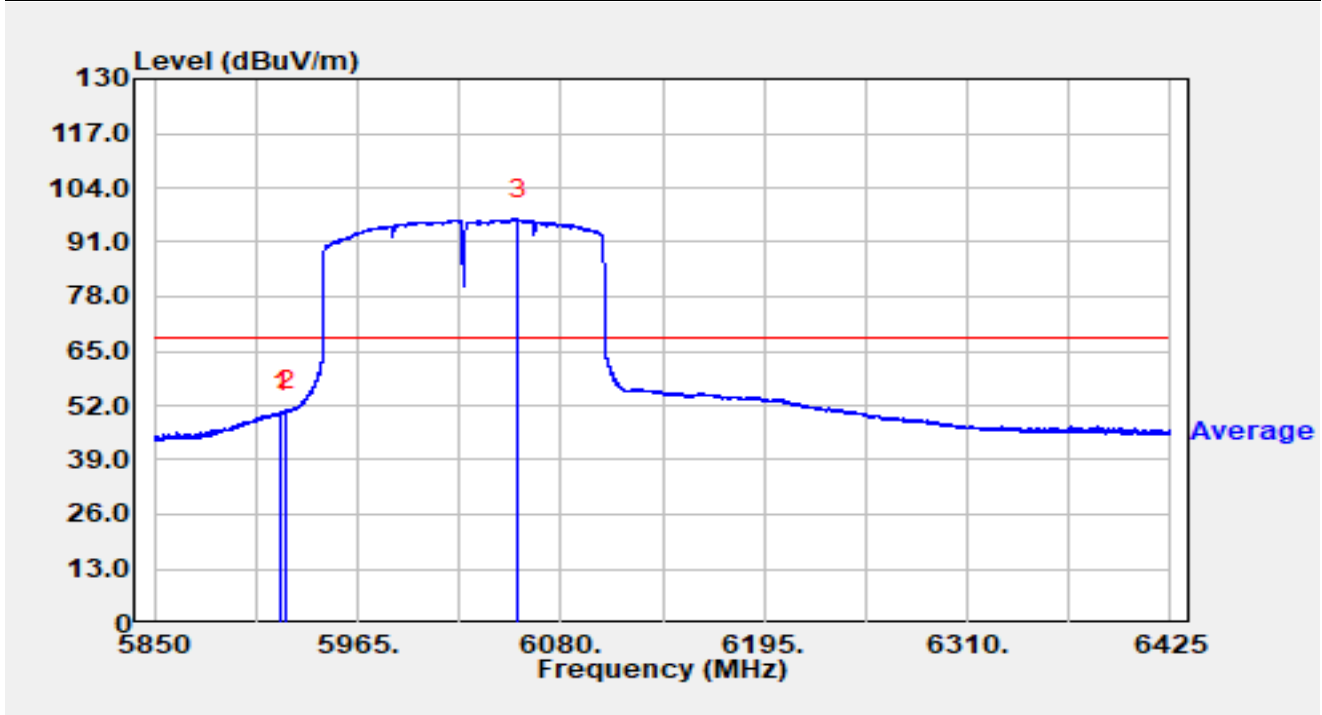


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5905.603	38.22	21.54	59.76	-28.44	88.20	Peak
2		5925.000	38.26	21.59	59.85	-28.35	88.20	Peak
3	*	6041.130	85.03	22.06	107.09	1v8.89	88.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
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	2025-02-14
Temperature	20.9 °C	Humidity	31.7 %
Limit	FCC_6G RE (3m)	Test Engineer	Dick Shen
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE160 at 6025MHz NSS=4		

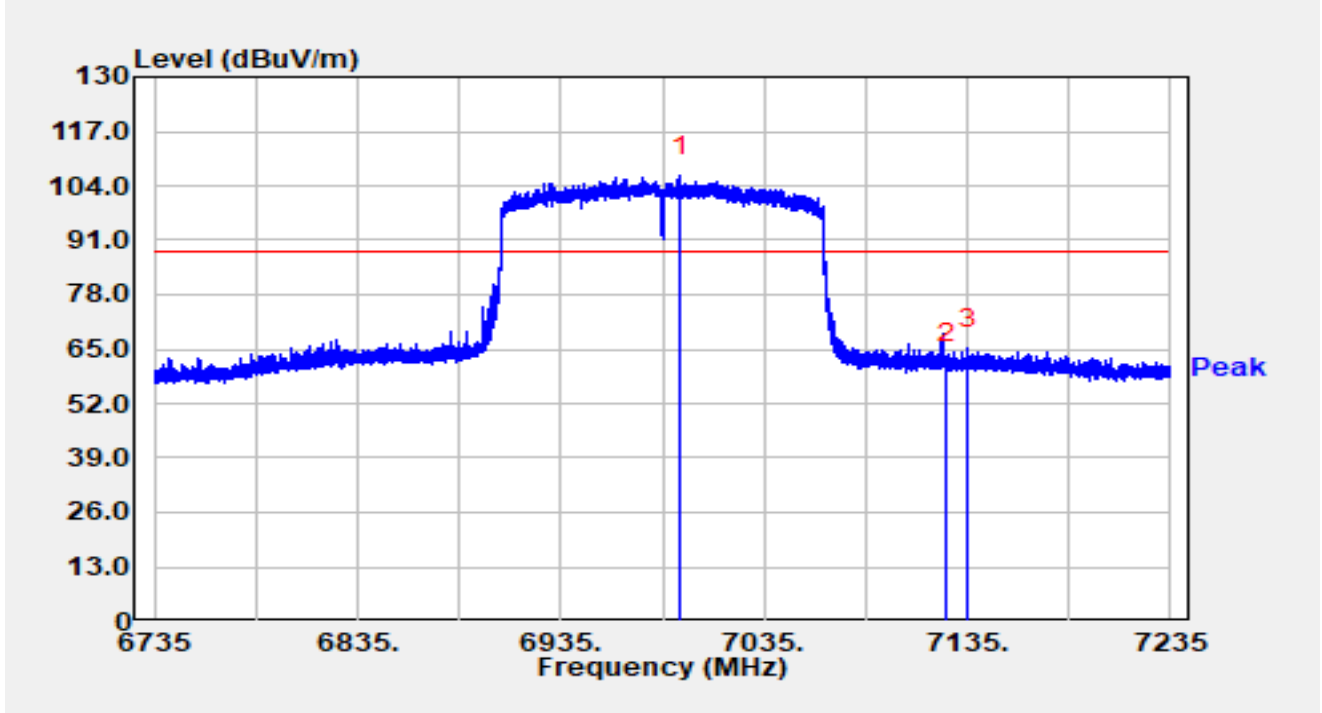


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5921.703	28.78	21.58	50.36	-17.84	68.20	Average
2		5925.000	29.10	21.59	50.69	-17.51	68.20	Average
3	*	6055.620	74.57	22.01	96.58	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
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	2025-02-14
Temperature	20.9 °C	Humidity	31.7 %
Limit	FCC_6G RE (3m)	Test Engineer	Dick Shen
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE160 at 6985MHz NSS=4		

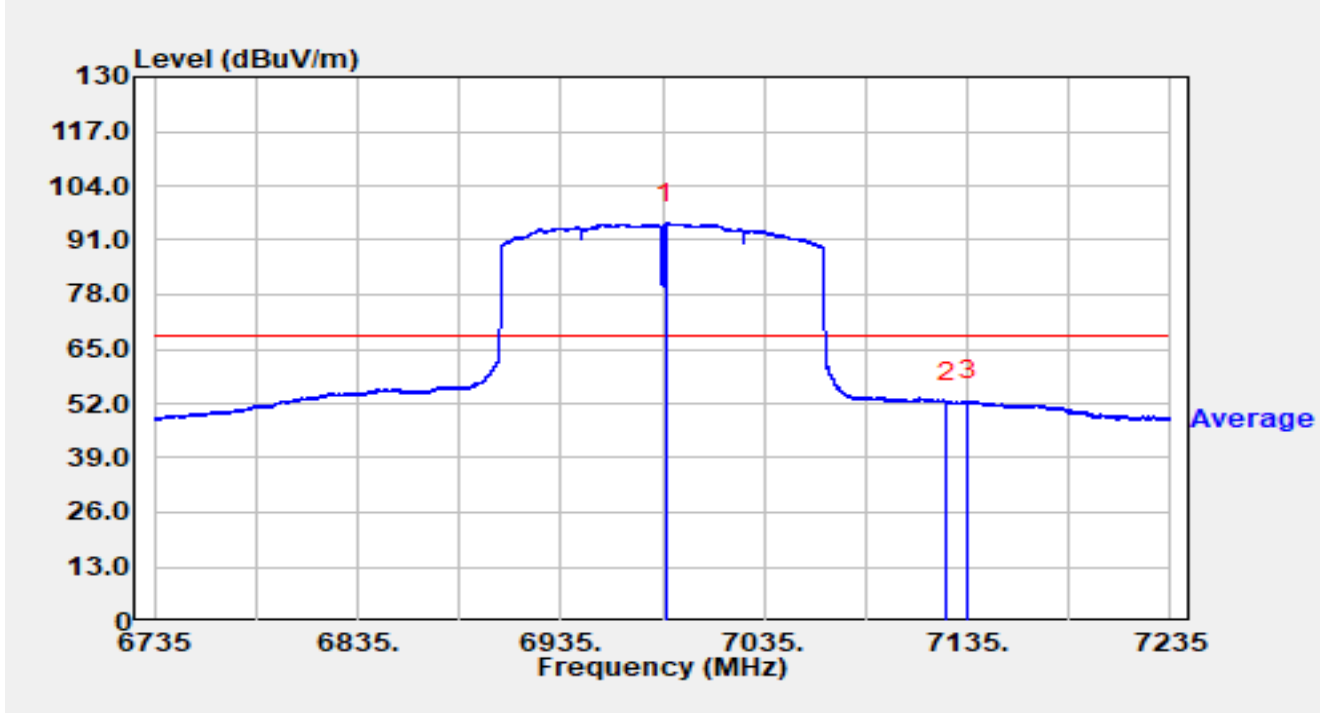


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	6993.800	79.95	26.38	106.33	N/A	N/A	Peak
2		7125.000	34.46	26.94	61.40	-26.80	88.20	Peak
3		7135.300	38.04	27.15	65.19	-23.01	88.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
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	2025-02-14
Temperature	20.9 °C	Humidity	31.7 %
Limit	FCC_6G RE (3m)	Test Engineer	Dick Shen
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE160 at 6985MHz NSS=4		

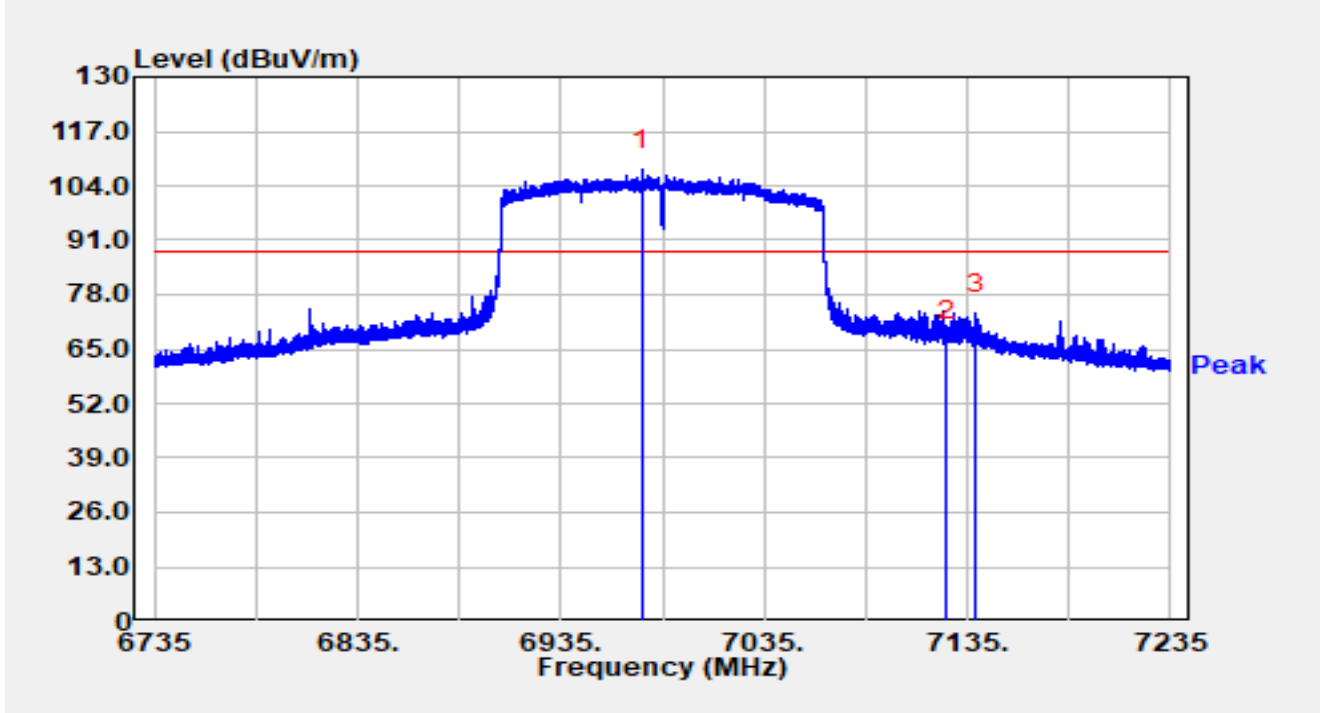


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	6986.800	68.66	26.33	94.99	N/A	N/A	Average
2		7125.000	25.34	26.94	52.28	-15.92	68.20	Average
3		7135.200	25.51	27.15	52.66	-15.54	68.20	Average

Notes:

1. " * ", means this data is the worst emission level.
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	2025-02-14
Temperature	20.9 °C	Humidity	31.7 %
Limit	FCC_6G RE (3m)	Test Engineer	Dick Shen
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE160 at 6985MHz NSS=4		

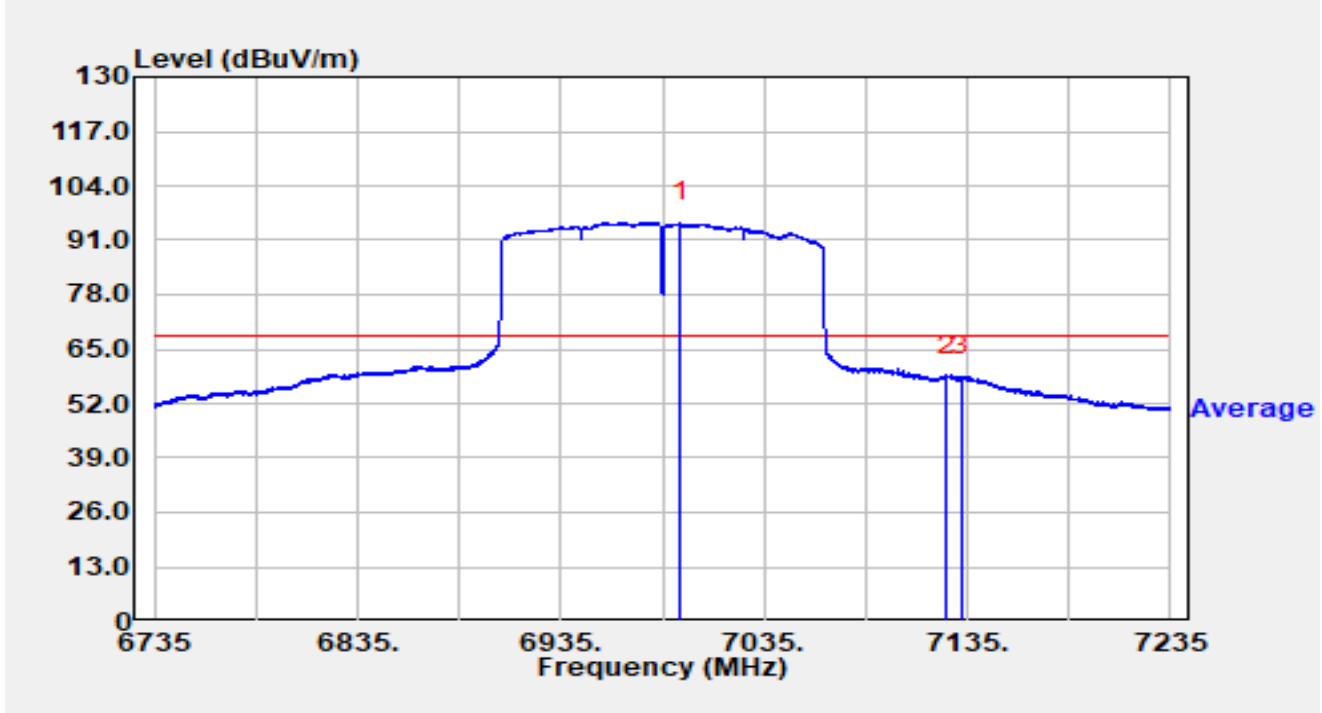


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	6975.050	81.62	26.16	107.78	N/A	N/A	Peak
2		7125.000	40.18	26.94	67.12	-21.08	88.20	Peak
3		7139.100	46.33	27.20	73.54	-14.66	88.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
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	2025-02-14
Temperature	20.9 °C	Humidity	31.7 %
Limit	FCC_6G RE (3m)	Test Engineer	Dick Shen
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE160 at 6985MHz NSS=4		



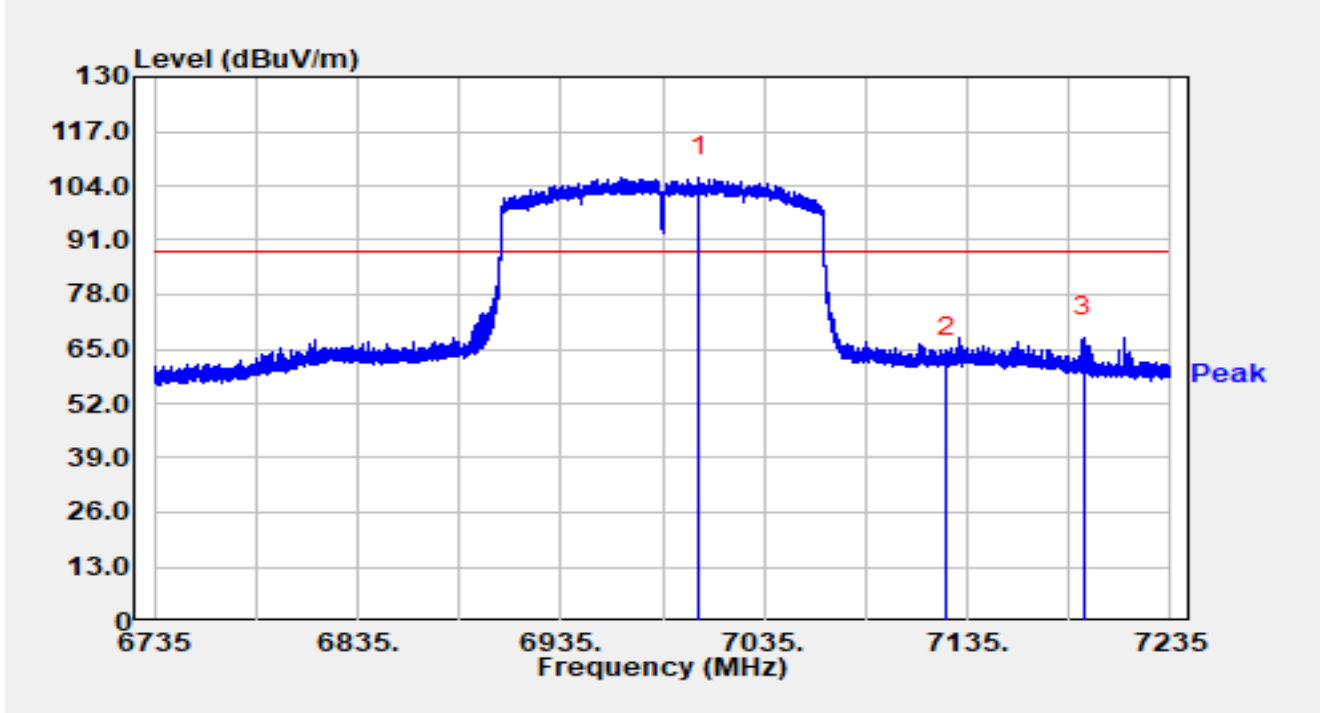
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	6993.600	68.80	26.38	95.17	N/A	N/A	Average
2		7125.000	31.45	26.94	58.39	-9.81	68.20	Average
3		7131.800	31.48	27.08	58.56	-9.64	68.20	Average

Notes:

1. " * ", means this data is the worst emission level.
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).

PB Filter (B8385)

Site	WZ-AC2	Test Date	2025-02-14
Temperature	20.9 °C	Humidity	31.7 %
Limit	FCC_6G RE (3m)	Test Engineer	Dick Shen
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE160 at 6985MHz NSS=4		

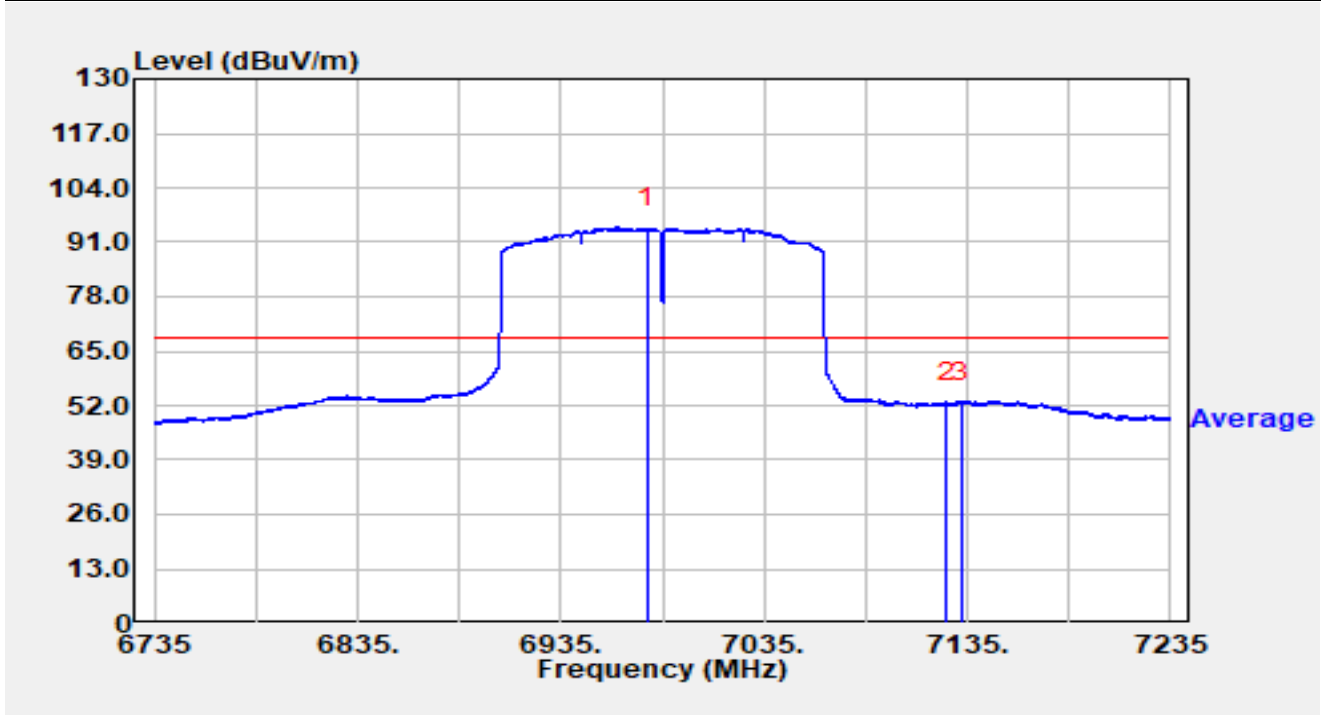


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	7002.900	79.76	26.43	106.19	N/A	N/A	Peak
2		7125.000	36.16	26.94	63.10	-25.10	88.20	Peak
3		7192.050	40.97	26.96	67.94	-20.26	88.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
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	2025-02-14
Temperature	20.9 °C	Humidity	31.7 %
Limit	FCC_6G RE (3m)	Test Engineer	Dick Shen
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE160 at 6985MHz NSS=4		

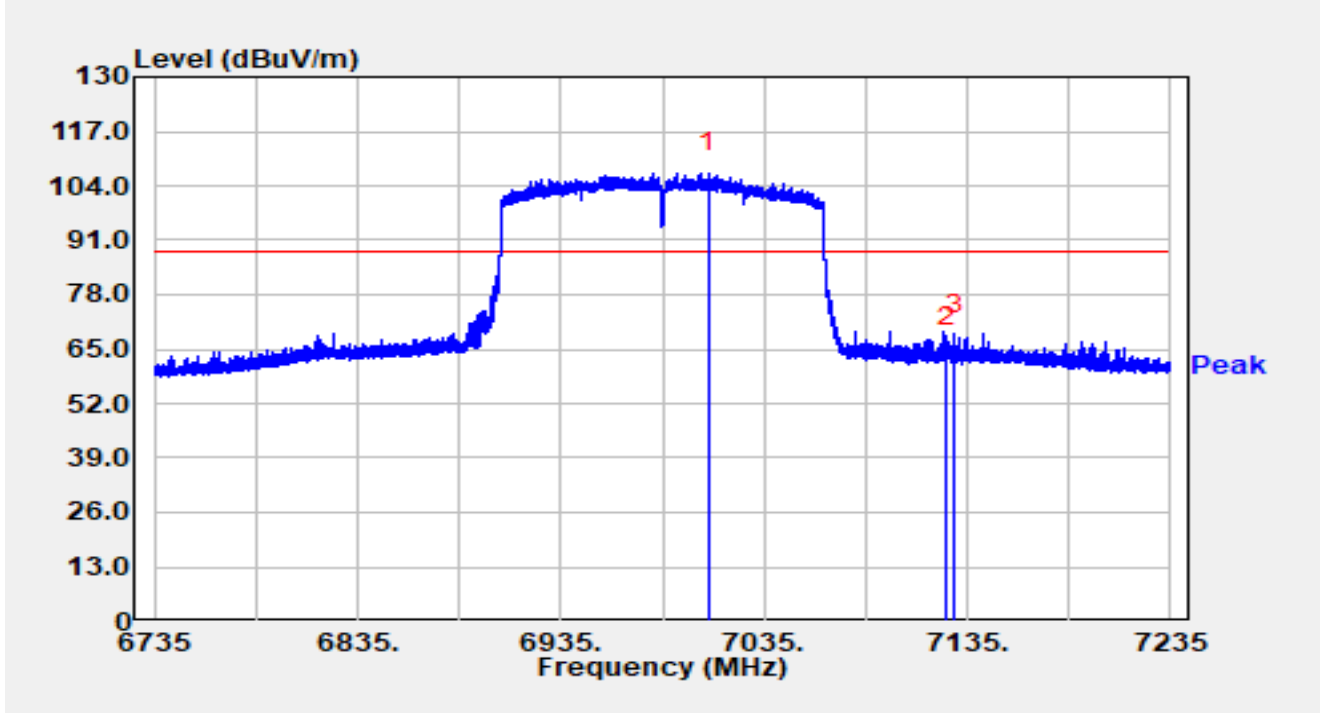


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	6977.200	68.19	26.19	94.38	N/A	N/A	Average
2		7125.000	25.68	26.94	52.62	-15.58	68.20	Average
3		7131.750	25.84	27.08	52.92	-15.28	68.20	Average

Notes:

1. " * ", means this data is the worst emission level.
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	2025-02-14
Temperature	20.9 °C	Humidity	31.7 %
Limit	FCC_6G RE (3m)	Test Engineer	Dick Shen
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE160 at 6985MHz NSS=4		

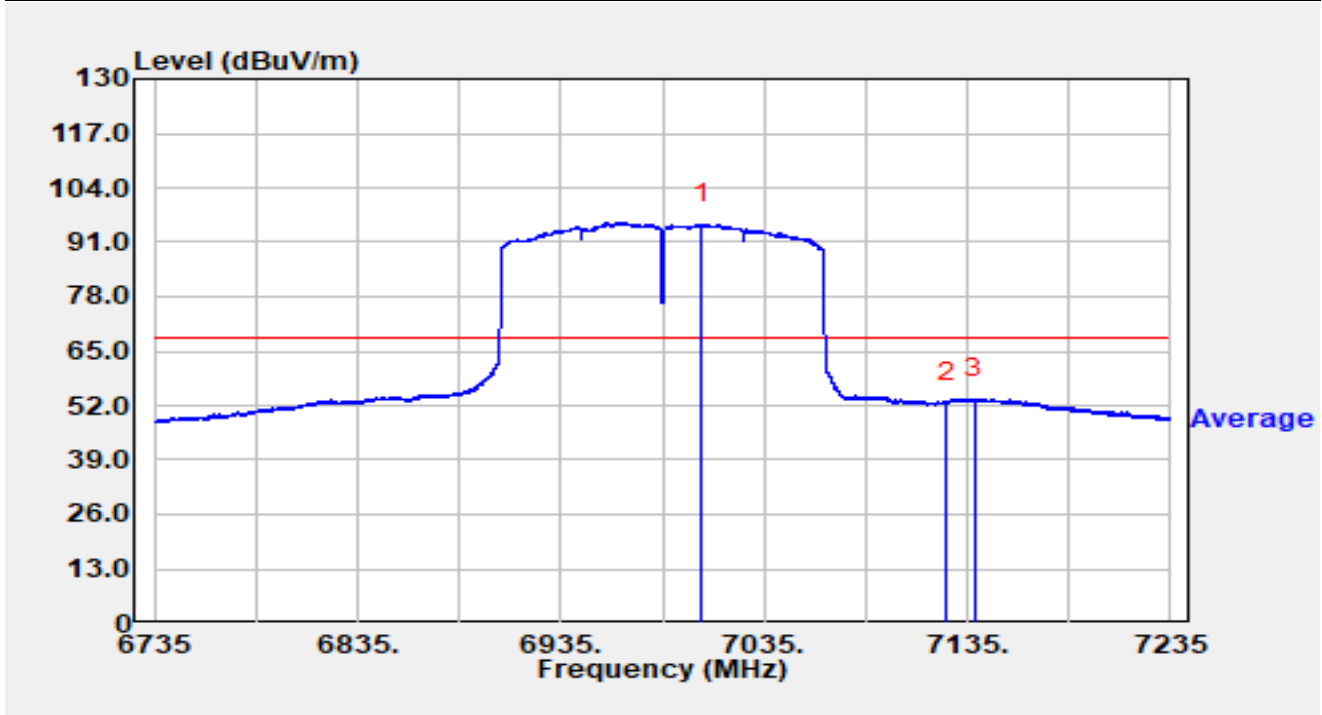


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	7007.650	80.77	26.40	107.17	N/A	N/A	Peak
2		7125.000	38.61	26.94	65.55	-22.65	88.20	Peak
3		7128.850	41.57	27.02	68.59	-19.61	88.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
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	2025-02-14
Temperature	20.9 °C	Humidity	31.7 %
Limit	FCC_6G RE (3m)	Test Engineer	Dick Shen
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE160 at 6985MHz NSS=4		



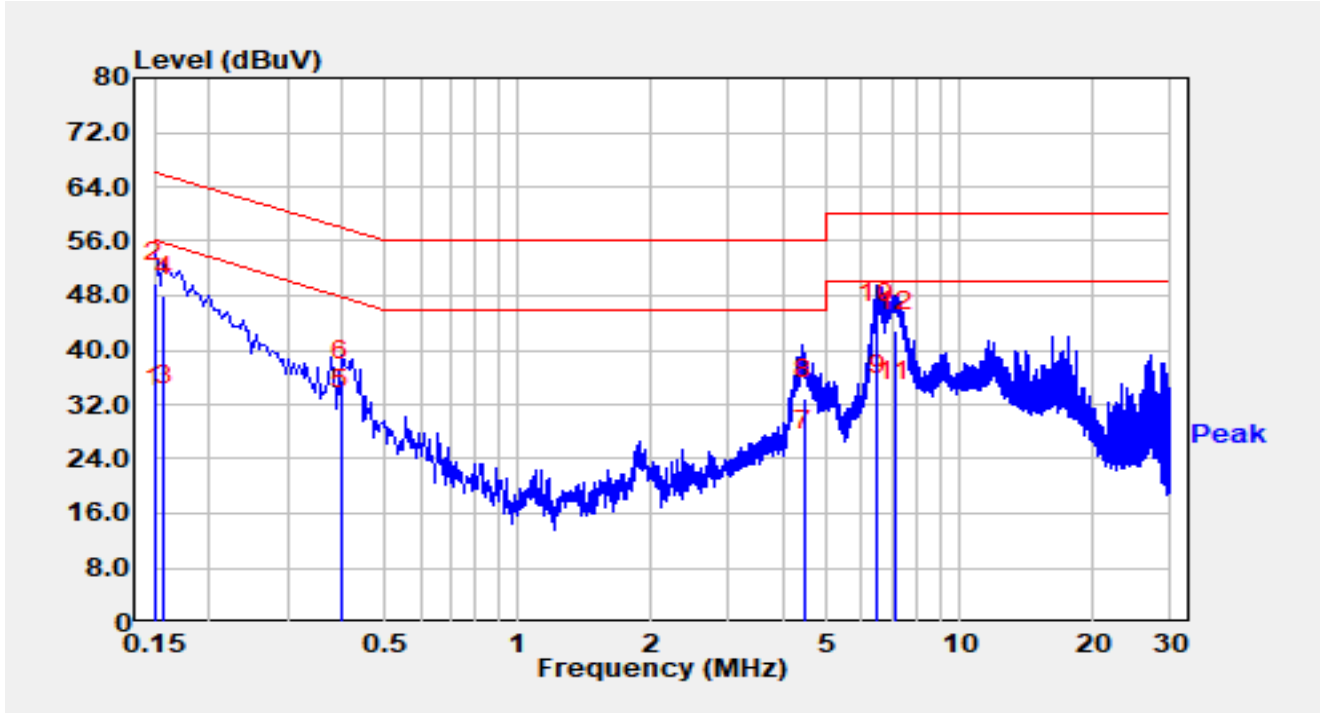
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	7004.100	68.91	26.42	95.33	N/A	N/A	Average
2		7125.000	25.89	26.94	52.83	-15.37	68.20	Average
3		7138.900	26.42	27.20	53.62	-14.58	68.20	Average

Notes:

1. " * ", means this data is the worst emission level.
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).

A.10 AC Conducted Emissions Test Result

Site	WZ-SR2	Test Date	2025-02-21
Temperature	17.6 °C	Humidity	36.0 %
Limit	FCC Part 15.207_CE_Mains	Test Engineer	Linda Wei
Factor	ENV216_101683_L1_Filter Off_C	Polarity	Line1
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 5955MHz		

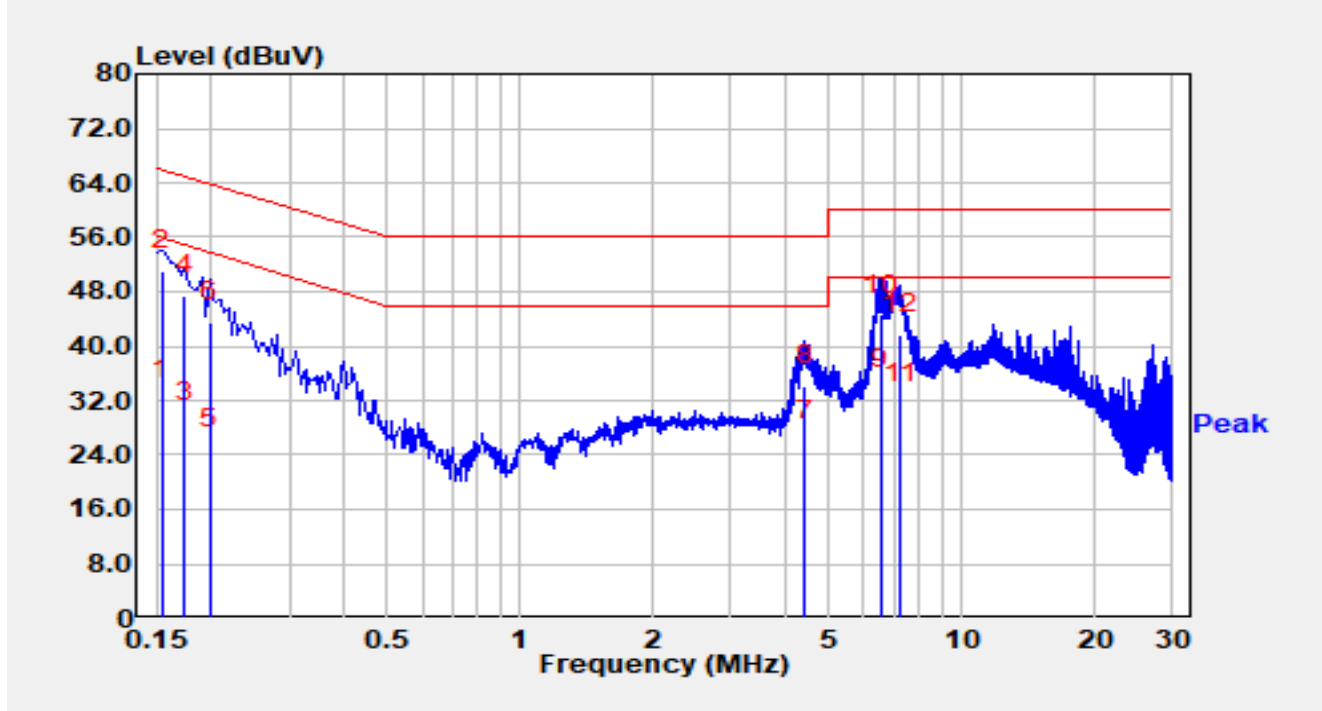


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.150	21.80	9.82	31.62	-24.38	56.00	Average
2		0.150	40.00	9.82	49.82	-16.18	66.00	QP
3		0.158	22.00	9.82	31.82	-23.75	55.57	Average
4		0.158	38.10	9.82	47.92	-17.65	65.57	QP
5		0.398	21.30	9.88	31.18	-16.71	47.90	Average
6		0.398	25.60	9.88	35.48	-22.41	57.90	QP
7		4.430	14.90	10.19	25.09	-20.91	46.00	Average
8		4.430	22.70	10.19	32.89	-23.11	56.00	QP
9		6.500	23.00	10.24	33.24	-16.76	50.00	Average
10	*	6.500	33.70	10.24	43.94	-16.06	60.00	QP
11		7.100	22.10	10.26	32.36	-17.64	50.00	Average
12		7.100	32.50	10.26	42.76	-17.24	60.00	QP

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB) = LISN Factor (dB) + Cable Loss (dB).
3. Measurement (dB μ V) = Reading (dB μ V) + C.F (dB).

Site	WZ-SR2	Test Date	2025-02-21
Temperature	17.6 °C	Humidity	36.0 %
Limit	FCC Part 15.207_CE_Mains	Test Engineer	Linda Wei
Factor	ENV216_101683_N_Filter Off_C	Polarity	Neutral
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 5955MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.154	22.00	10.13	32.13	-23.65	55.78	Average
2	*	0.154	41.00	10.13	51.13	-14.65	65.78	QP
3		0.174	18.70	10.12	28.82	-25.95	54.77	Average
4		0.174	37.30	10.12	47.42	-17.35	64.77	QP
5		0.198	14.90	10.11	25.01	-28.69	53.69	Average
6		0.198	33.50	10.11	43.61	-20.09	63.69	QP
7		4.400	15.80	10.44	26.24	-19.76	46.00	Average
8		4.400	23.70	10.44	34.14	-21.86	56.00	QP
9		6.570	23.20	10.50	33.70	-16.30	50.00	Average
10		6.570	34.10	10.50	44.60	-15.40	60.00	QP
11		7.290	21.10	10.52	31.62	-18.38	50.00	Average
12		7.290	31.20	10.52	41.72	-18.28	60.00	QP

Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB) = LISN Factor (dB) + Cable Loss (dB).

3. Measurement (dB μ V) = Reading (dB μ V) + C.F (dB).

Appendix B – Test Setup Photograph

Refer to “2412RSU040-UT” file.

Appendix C – EUT Photograph

Refer to “2412RSU040-UE” file.

_____ The End _____