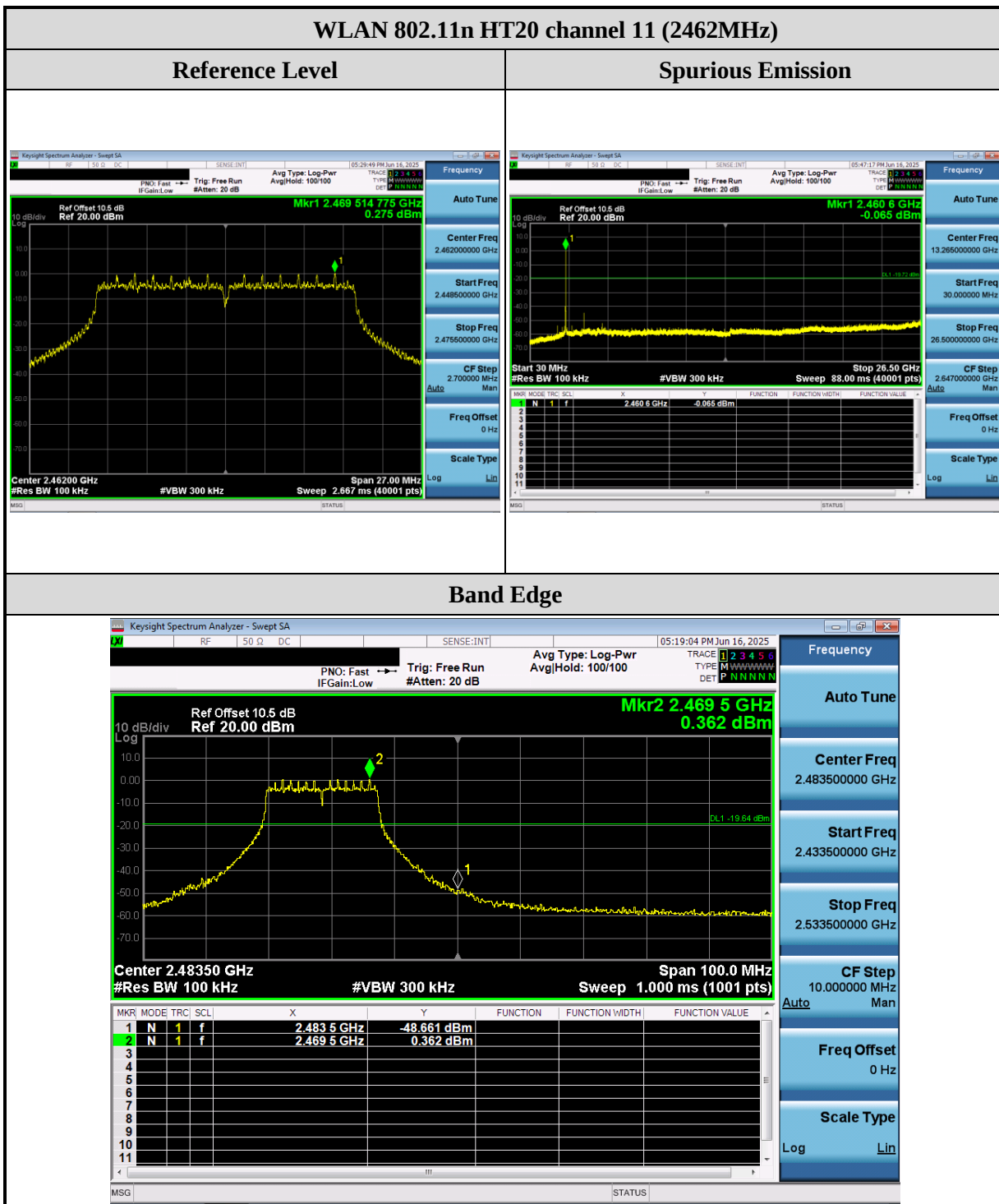
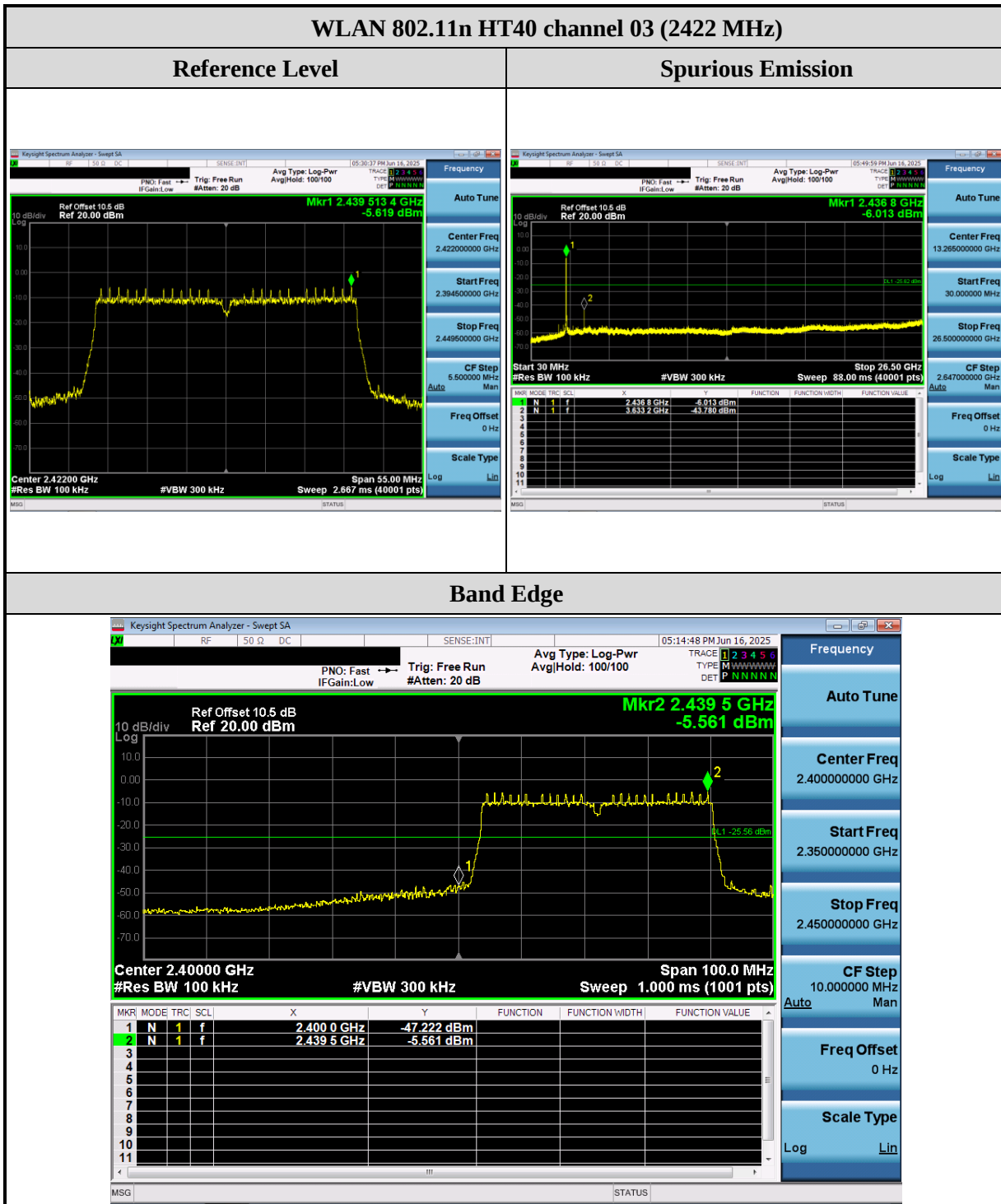


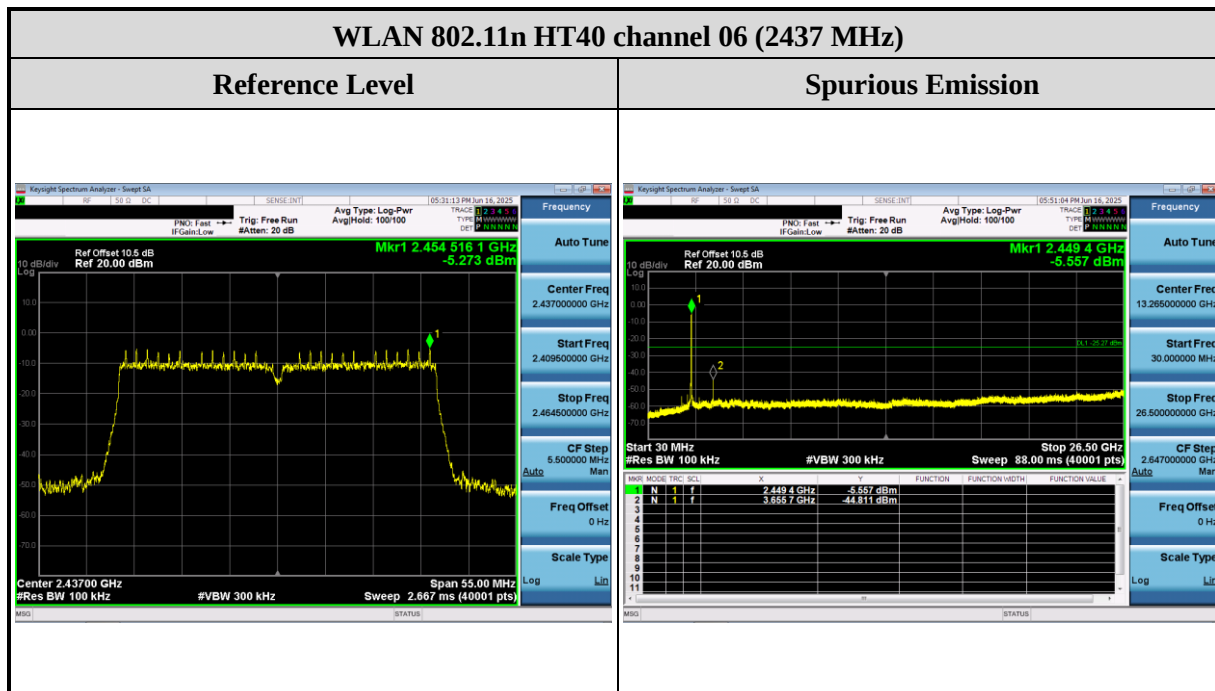
Chain A



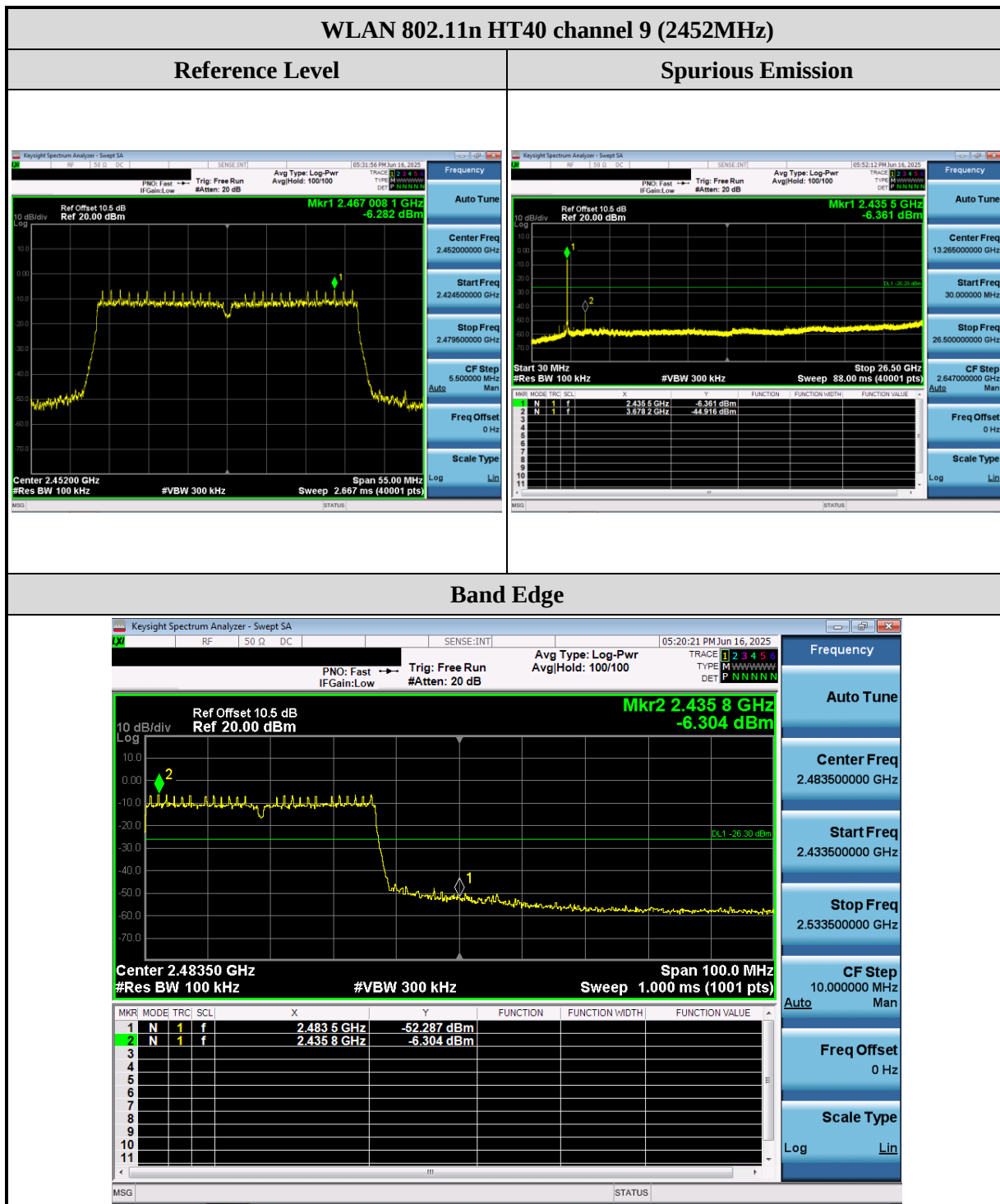
Chain A



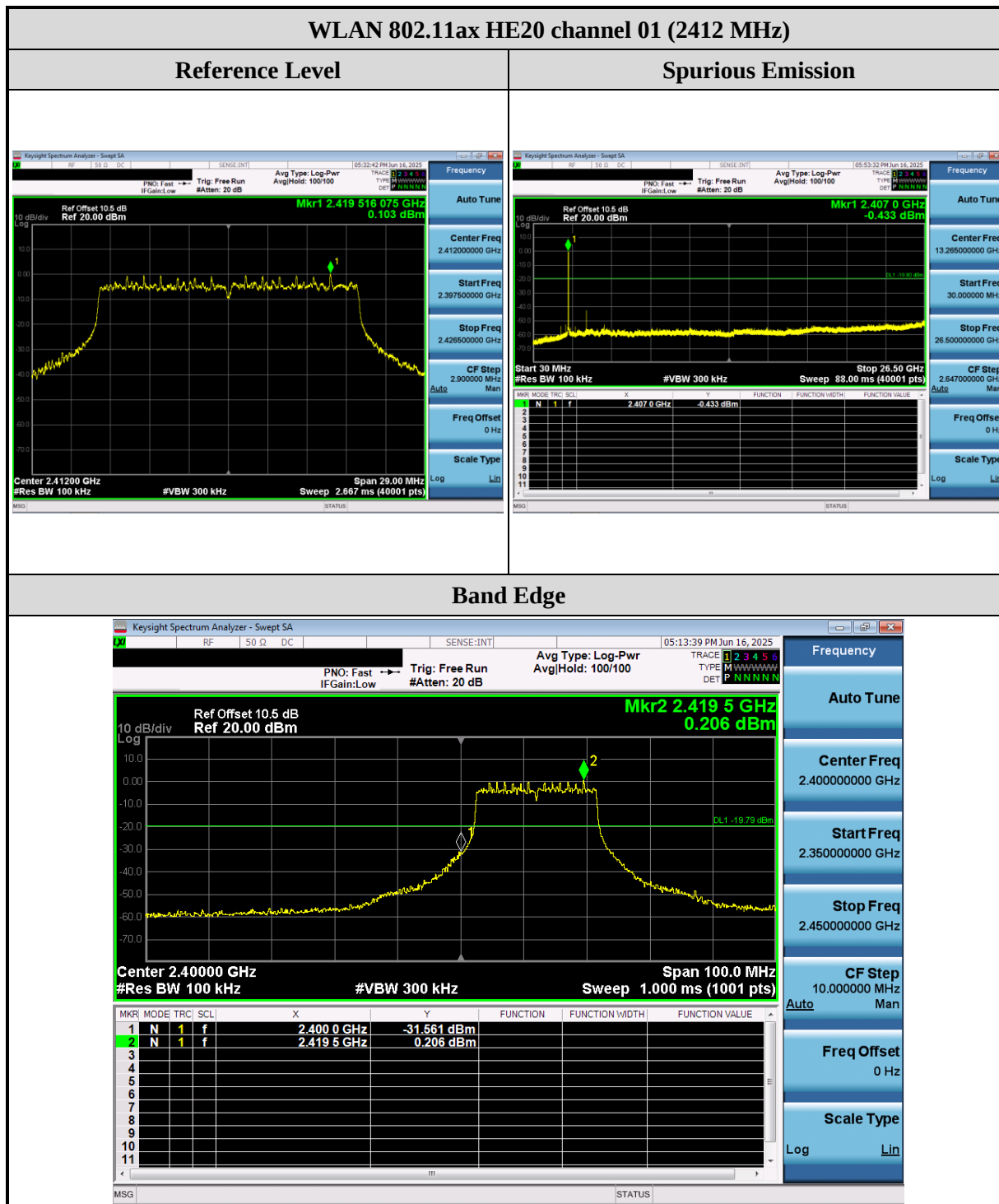
Chain A



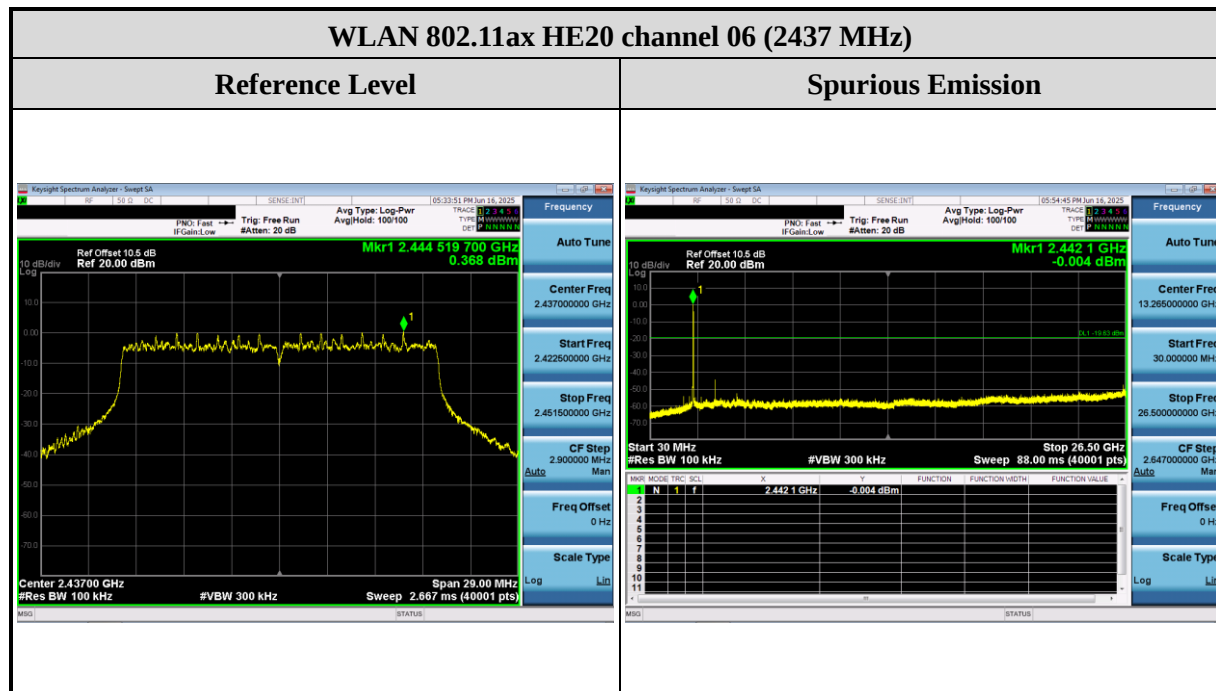
Chain A



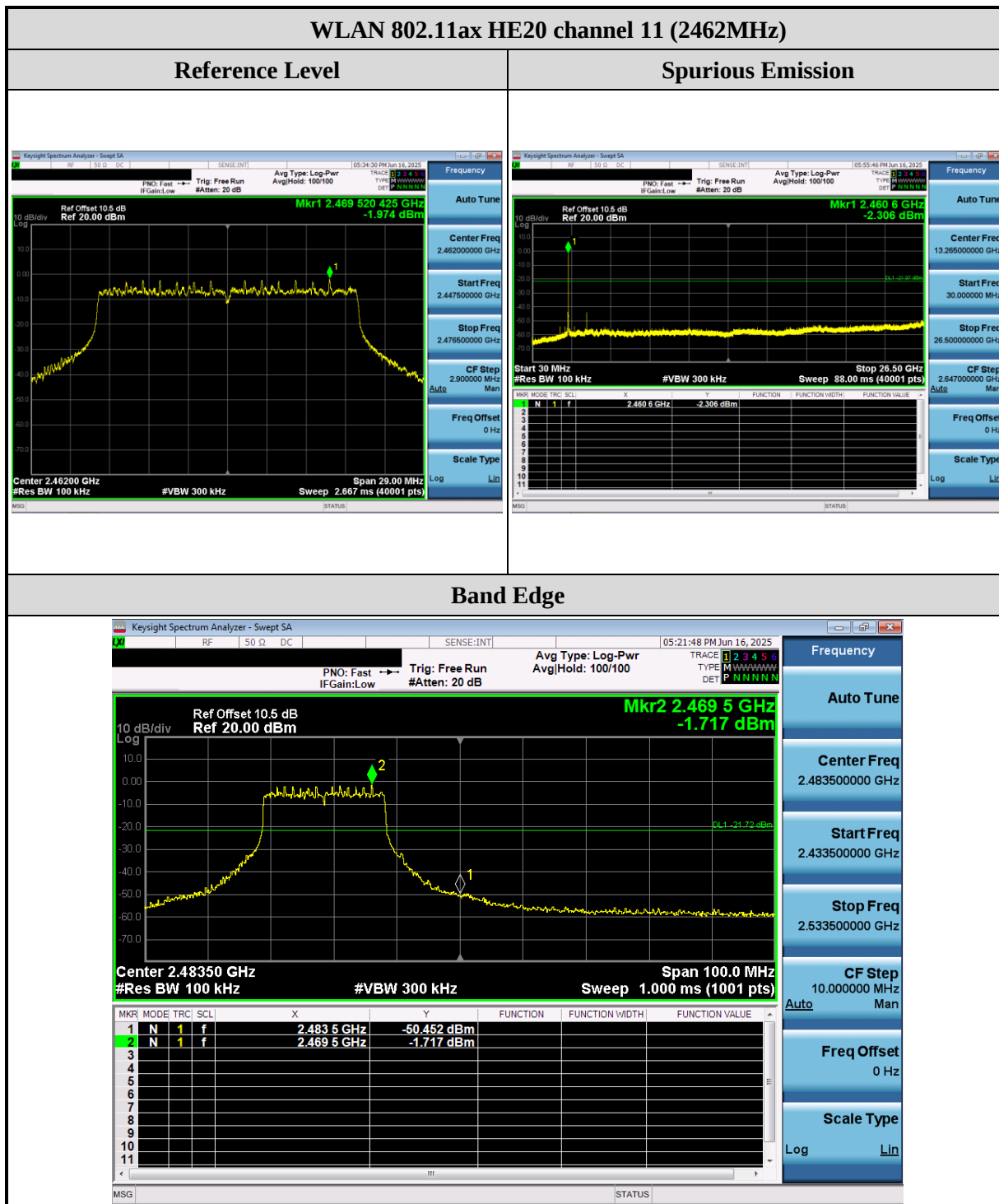
Chain A



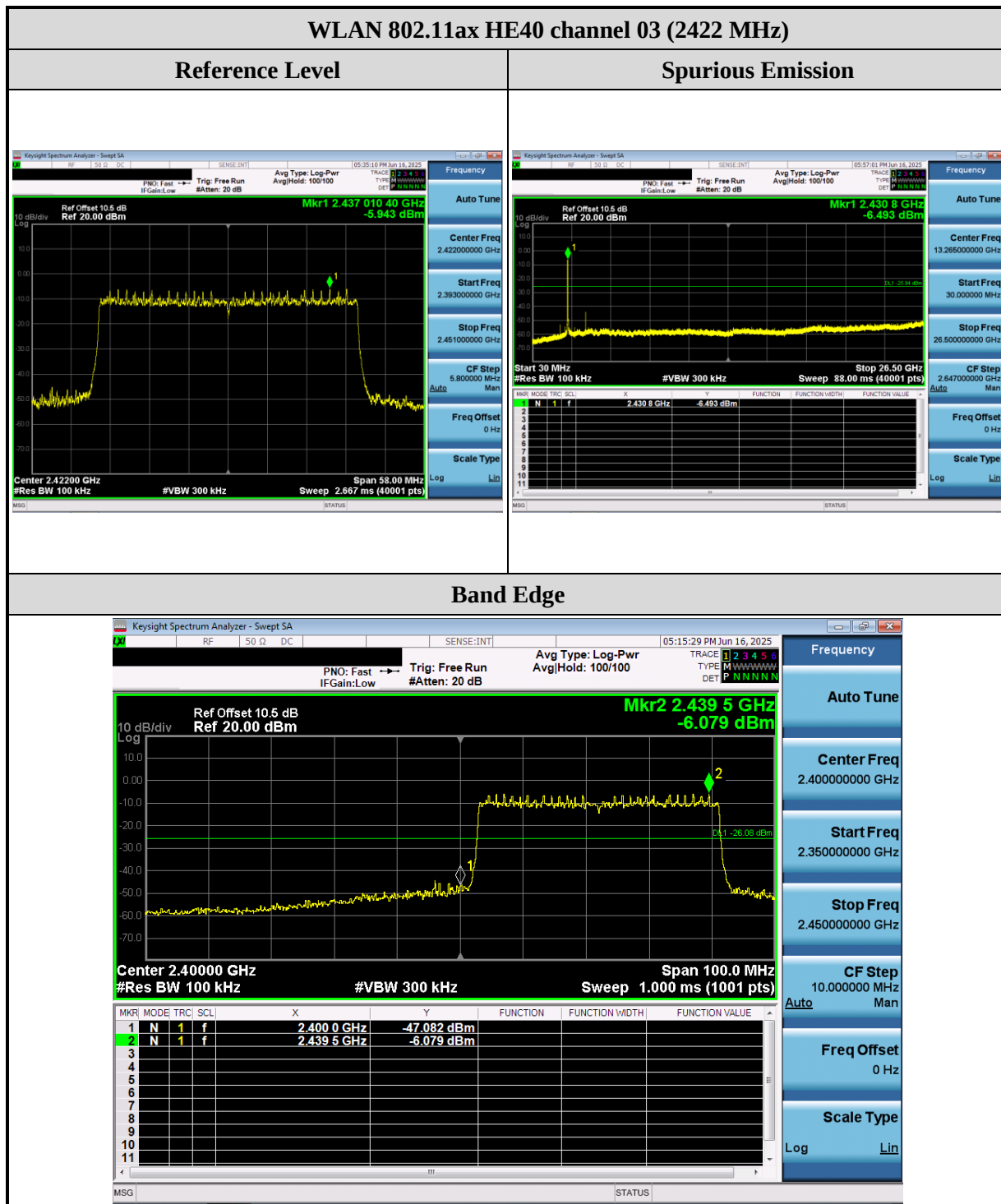
Chain A



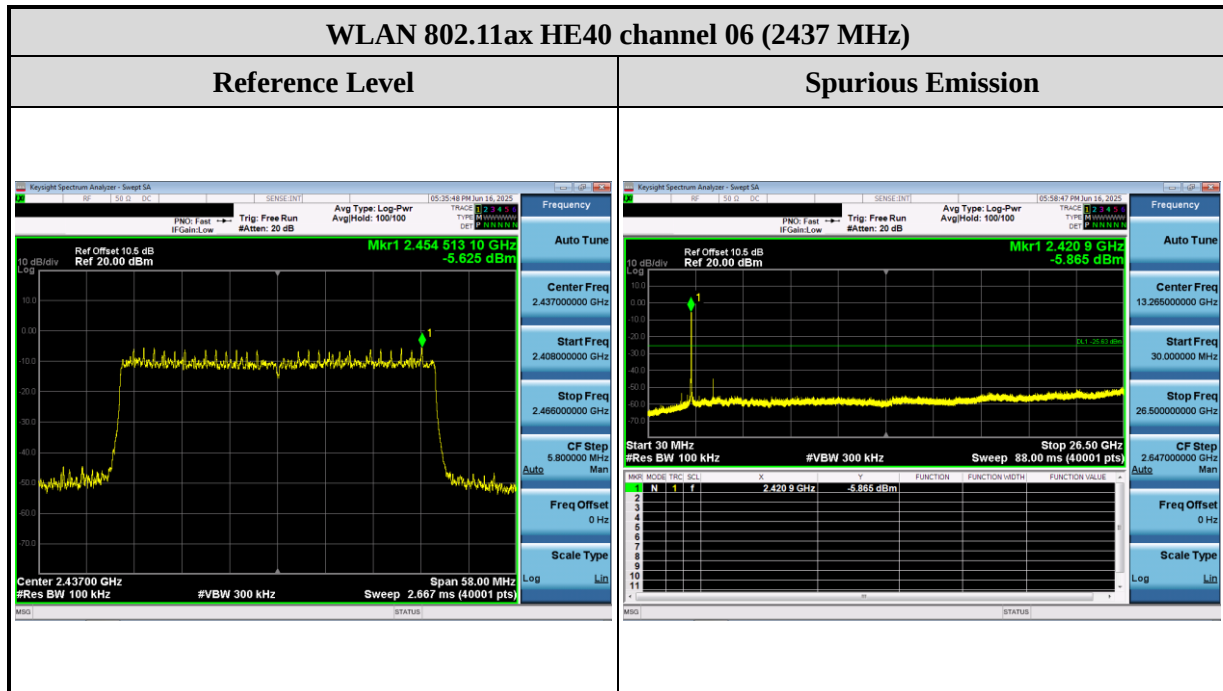
Chain A



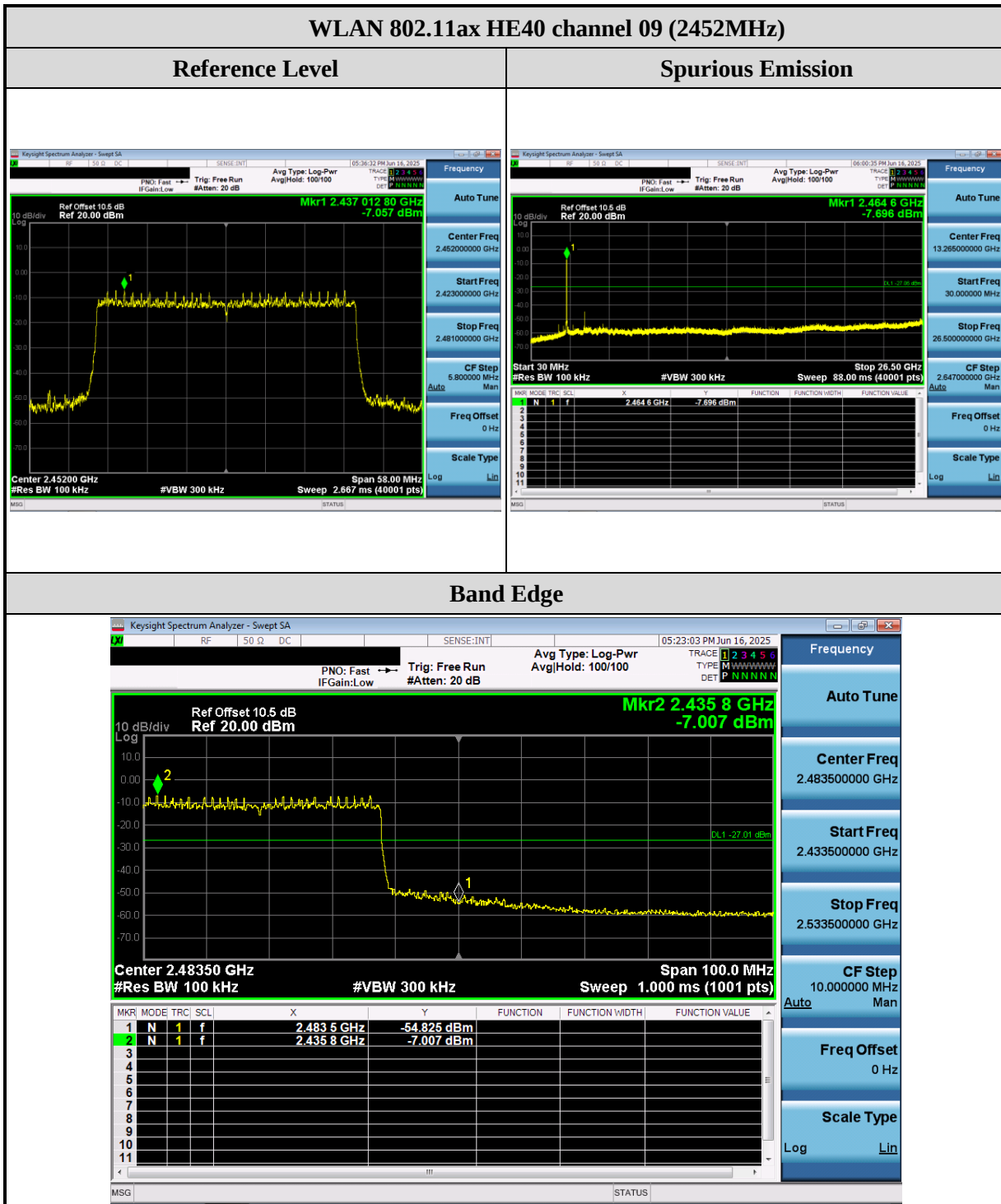
Chain A



Chain A



Chain A



2.6 Radiated Band Edges and Spurious Emission Measurement

2.6.1 Limit

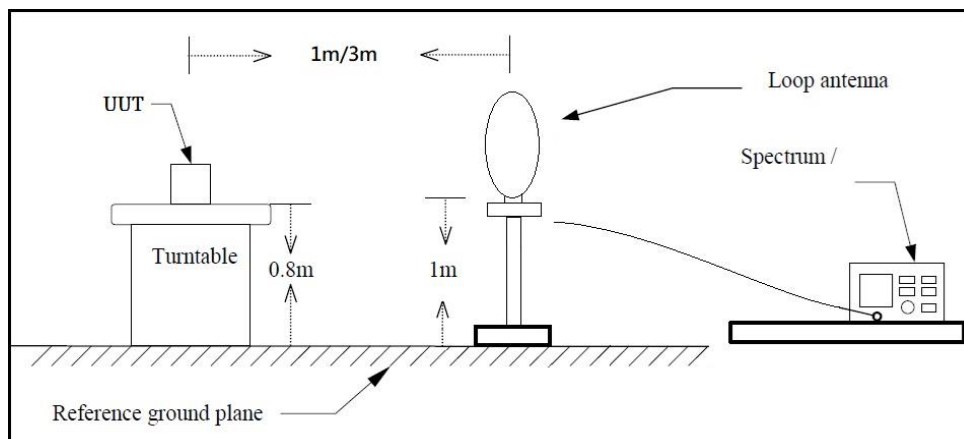
Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (m)
0.009 – 0.490	$2400/F(\text{kHz})$	300
0.490 – 1.705	$24000/F(\text{kHz})$	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Remarks:

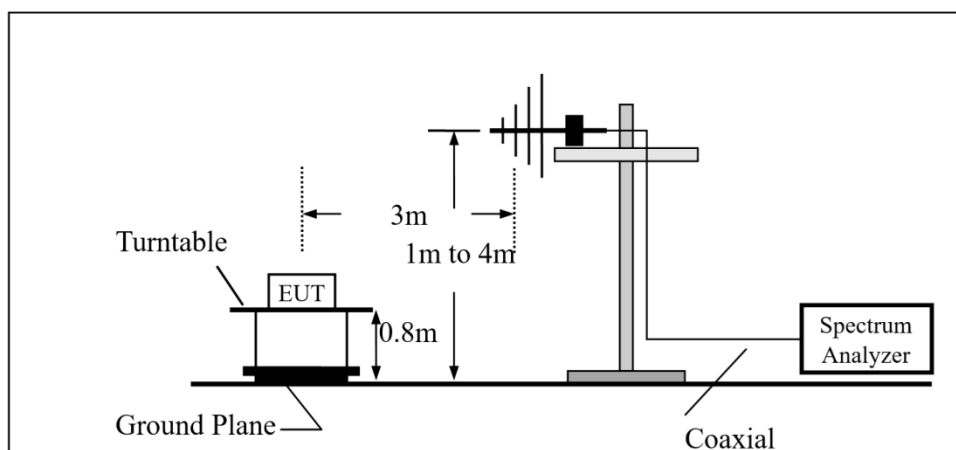
1. RF Voltage (dBuV) = $20 \log \text{RF Voltage}(\mu\text{V})$
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system

2.6.2 Test Setup

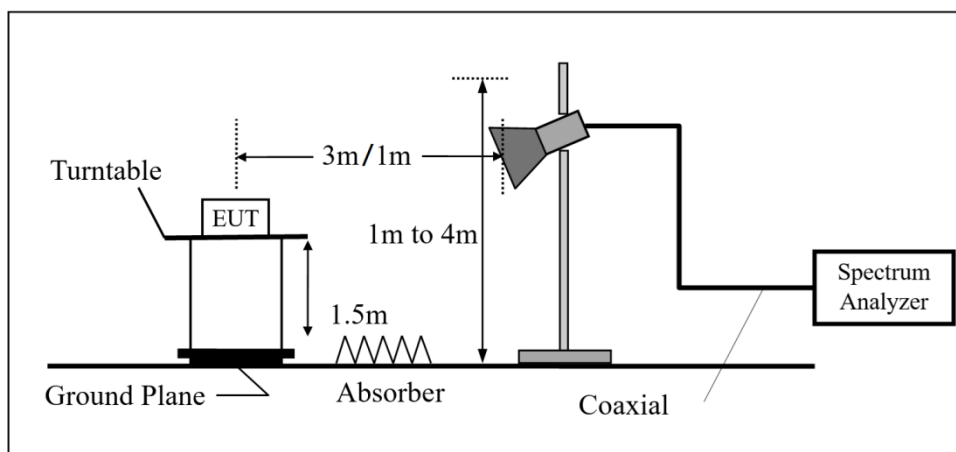
Below 30MHz



30MHz~1GHz



Above 1GHz



2.6.3 Test Procedure

The EUT was setup according to ANSI C63.10 : 2013 chapter 6.4, 6.5, 6.6 and tested according test procedure of KDB 558074 for compliance to FCC 47CFR 15.247 requirements.

- (1) The EUT was placed on the top of a rotating table 0.8 meters (for below 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meters chamber room for the test. The table was rotated 360 degrees to determine the position of the highest radiation.
- (2) The EUT was set 3 meters away from the interference-receiving antenna, the height of the antenna is varied from 1 meter to 4 meters above the ground to determine the maximum value of the field strength.
- (3) Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- (4) For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- (5) The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- (6) The test-receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets the average limit, measurement with the average detector is unnecessary.

Remarks:

- (a) The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection at frequency below 1GHz.
- (b) The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
- (c) The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle > 98%) for Average detection (AV) at frequency above 1GHz.
- (d) All modes of operation were investigated and the worst-case emissions are reported.

For Radiated emission below 30MHz

- (1) The EUT was placed on the top of a rotating table 0.8 meters above the ground in a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- (2) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- (3) Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- (4) For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- (5) The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

For Radiated emission Above 30MHz

- (7) The EUT was placed on the top of a rotating table 0.8 meters (for below 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for the test. The table was rotated 360 degrees to determine the position of the highest radiation.
- (8) The EUT was set 3 meters away from the interference-receiving antenna, the height of the antenna is varied from 1 meter to 4 meters above the ground to determine the maximum value of the field strength.
- (9) Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- (10) For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- (11) The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- (12) The test-receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets the average limit, measurement with the average detector is unnecessary.

2.6.4 Duty Cycle

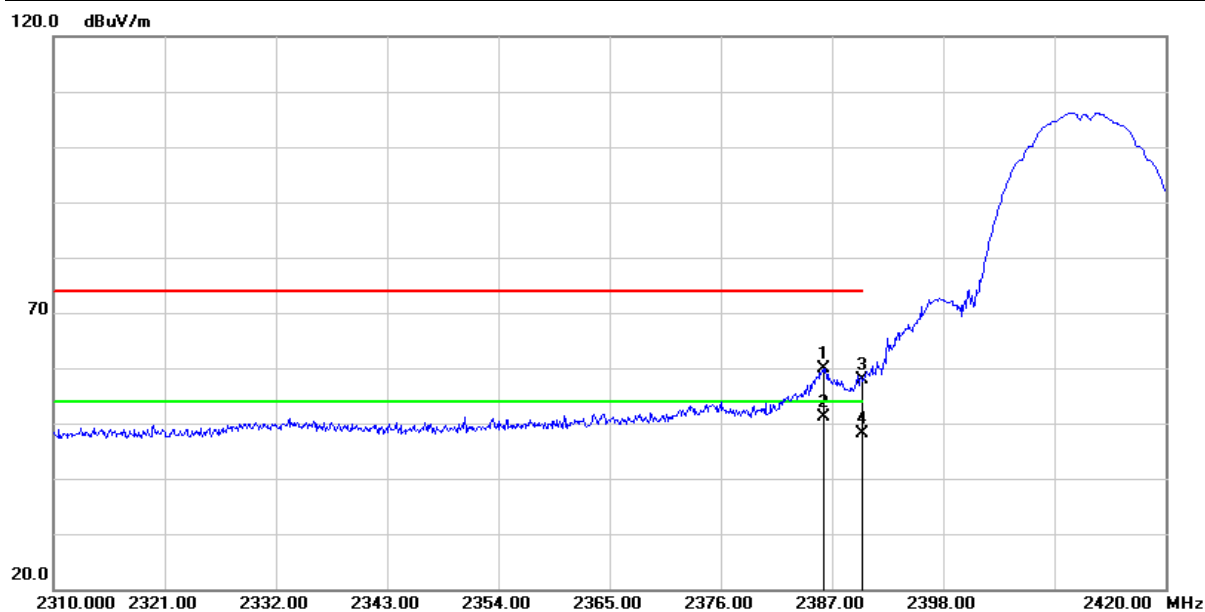
Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11b	2412	8.100	8.100	1.000	0.000	0.010
802.11g	2412	1.370	1.379	0.993	0.028	0.010
802.11n HT20	2412	1.283	1.292	0.993	0.030	0.010
802.11n HT40	2422	0.639	0.646	0.989	0.047	0.010
802.11ax HE20	2412	0.995	0.998	0.997	0.013	0.010
802.11ax HE40	2422	0.525	0.528	0.994	0.025	0.010

2.6.5 Test Result of Radiated Band Edge Measurement

The following tables for radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X axis) were recorded in this report.

Test Frequency		
RF	802.11b/g/n-HT20/ax-HE20	802.11n-HT40/ax-HE40
Tx	CH01 (2412MHz)	CH03 (2422MHz)
	CH11 (2462MHz)	CH09 (2452MHz)

Test Mode :	Mode 1 : Transmit (802.11b 1Mbps)	Test Date :	2025/06/06
Test Channel :	CH01 (2412MHz)	Temperature :	24.5 °C
Polarization :	Horizontal	Relative Humidity :	45.7 %

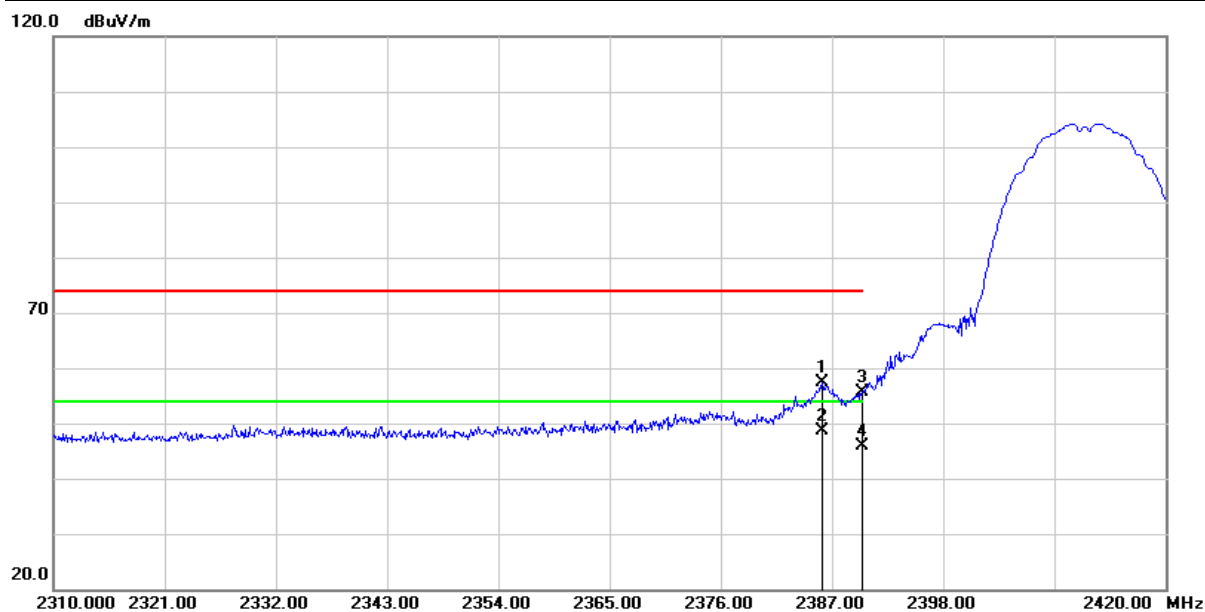


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2386.120	66.08	-6.20	59.88	74.00	-14.12	peak
2	2386.120	57.30	-6.20	51.10	54.00	-2.90	AVG
3	2390.000	64.05	-6.20	57.85	74.00	-16.15	peak
4	2390.000	54.30	-6.20	48.10	54.00	-5.90	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 1 : Transmit (802.11b 1Mbps)	Test Date :	2025/06/06
Test Channel :	CH01 (2412MHz)	Temperature :	24.5 °C
Polarization :	Vertical	Relative Humidity :	45.7 %

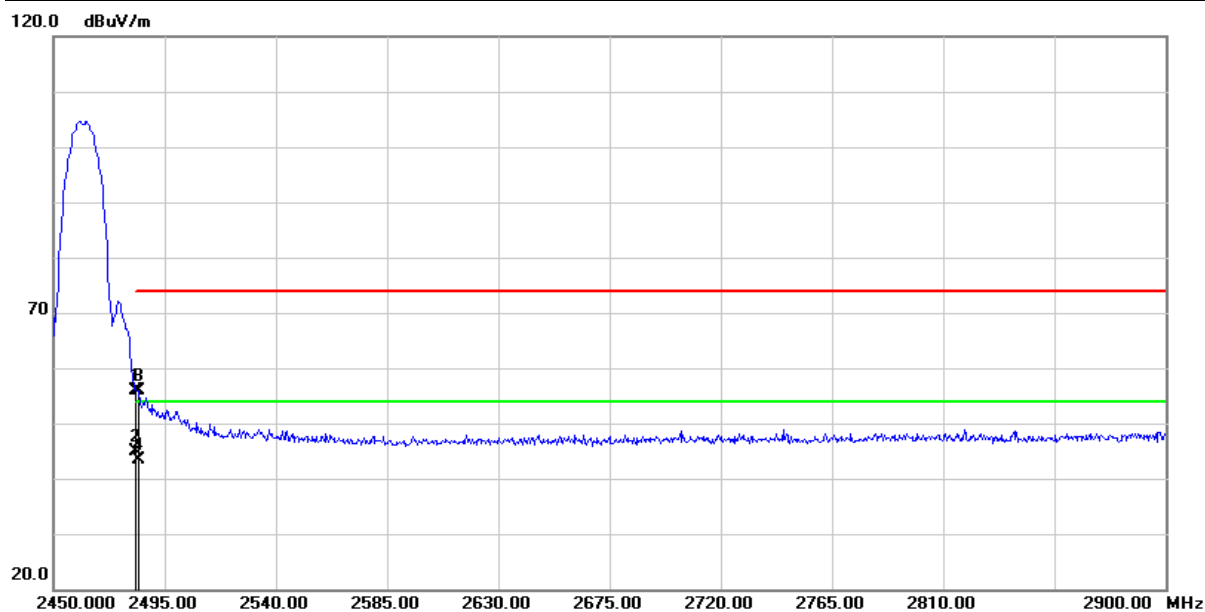


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2386.010	63.61	-6.20	57.41	74.00	-16.59	peak
2	2386.010	54.88	-6.20	48.68	54.00	-5.32	AVG
3	2390.000	61.81	-6.20	55.61	74.00	-18.39	peak
4	2390.000	51.97	-6.20	45.77	54.00	-8.23	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 1 : Transmit (802.11b 1Mbps)	Test Date :	2025/06/06
Test Channel :	CH11 (2462MHz)	Temperature :	24.5 °C
Polarization :	Horizontal	Relative Humidity :	45.7 %

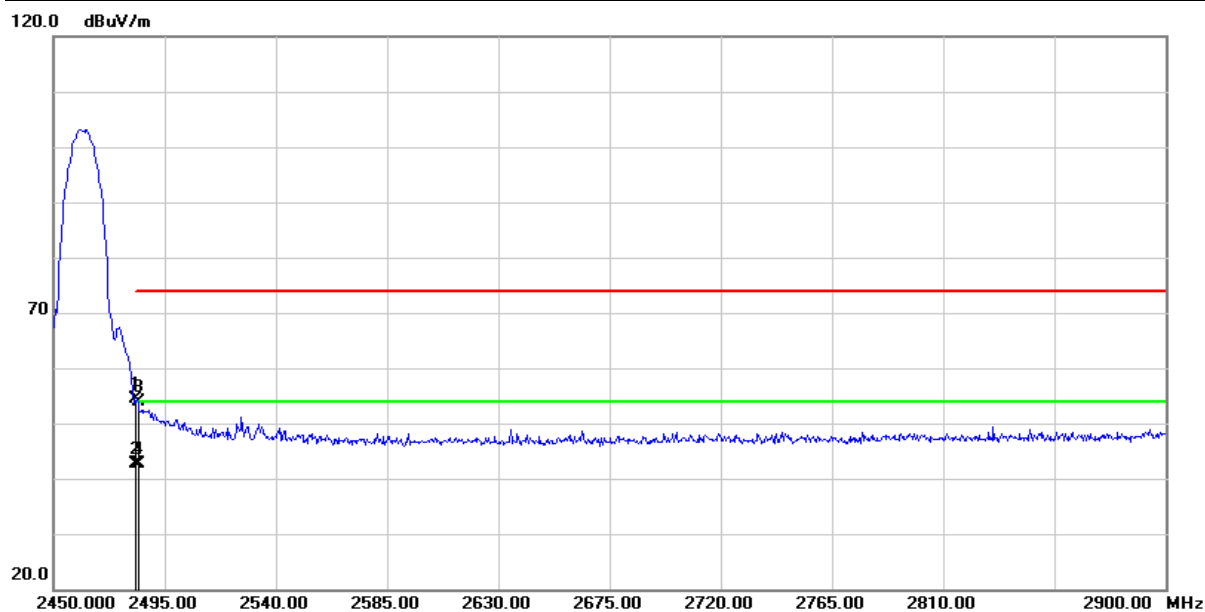


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	62.27	-6.29	55.98	74.00	-18.02	peak
2	2483.500	51.21	-6.29	44.92	54.00	-9.08	AVG
3	2484.650	62.23	-6.28	55.95	74.00	-18.05	peak
4	2484.650	49.67	-6.28	43.39	54.00	-10.61	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 1 : Transmit (802.11b 1Mbps)	Test Date :	2025/06/07
Test Channel :	CH11 (2462MHz)	Temperature :	24.5 °C
Polarization :	Vertical	Relative Humidity :	45.7 %

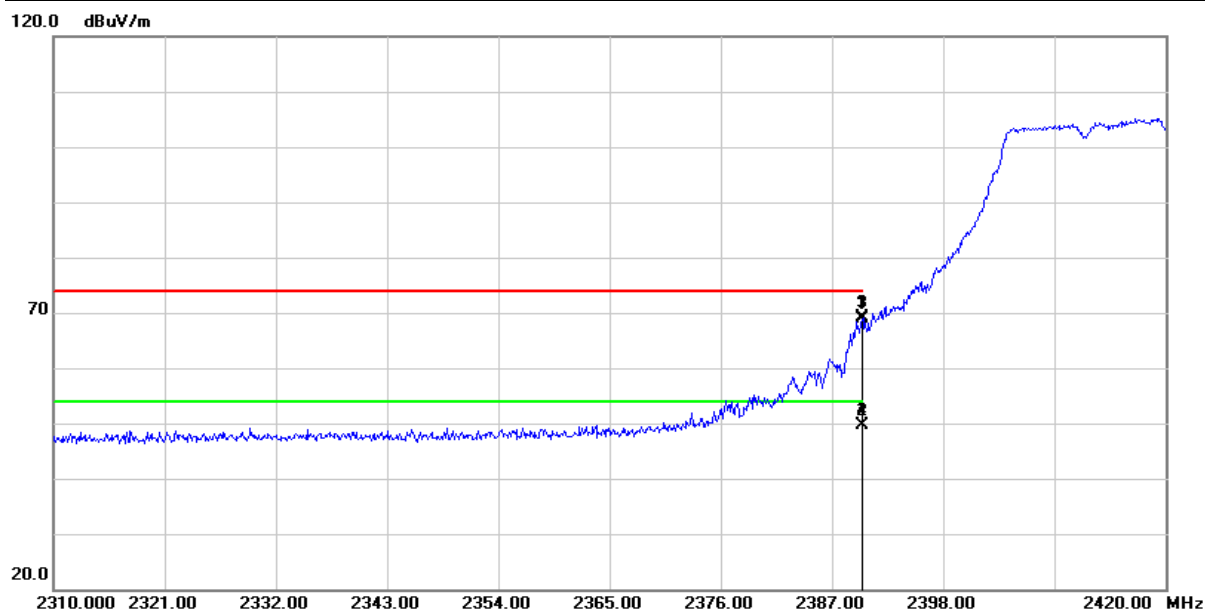


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	60.71	-6.29	54.42	74.00	-19.58	peak
2	2483.500	49.02	-6.29	42.73	54.00	-11.27	AVG
3	2484.200	60.05	-6.28	53.77	74.00	-20.23	peak
4	2484.200	48.88	-6.28	42.60	54.00	-11.40	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 2 : Transmit (802.11g 6Mbps)	Test Date :	2025/06/06
Test Channel :	CH01 (2412MHz)	Temperature :	24.5 °C
Polarization :	Horizontal	Relative Humidity :	45.7 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.970	75.11	-6.20	68.91	74.00	-5.09	peak
2	2389.970	55.71	-6.20	49.51	54.00	-4.49	AVG
3	2390.000	75.22	-6.20	69.02	74.00	-4.98	peak
4	2390.000	55.81	-6.20	49.61	54.00	-4.39	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 2 : Transmit (802.11g 6Mbps)	Test Date :	2025/06/06
Test Channel :	CH01 (2412MHz)	Temperature :	24.5 °C
Polarization :	Vertical	Relative Humidity :	45.7 %

120.0 dBuV/m

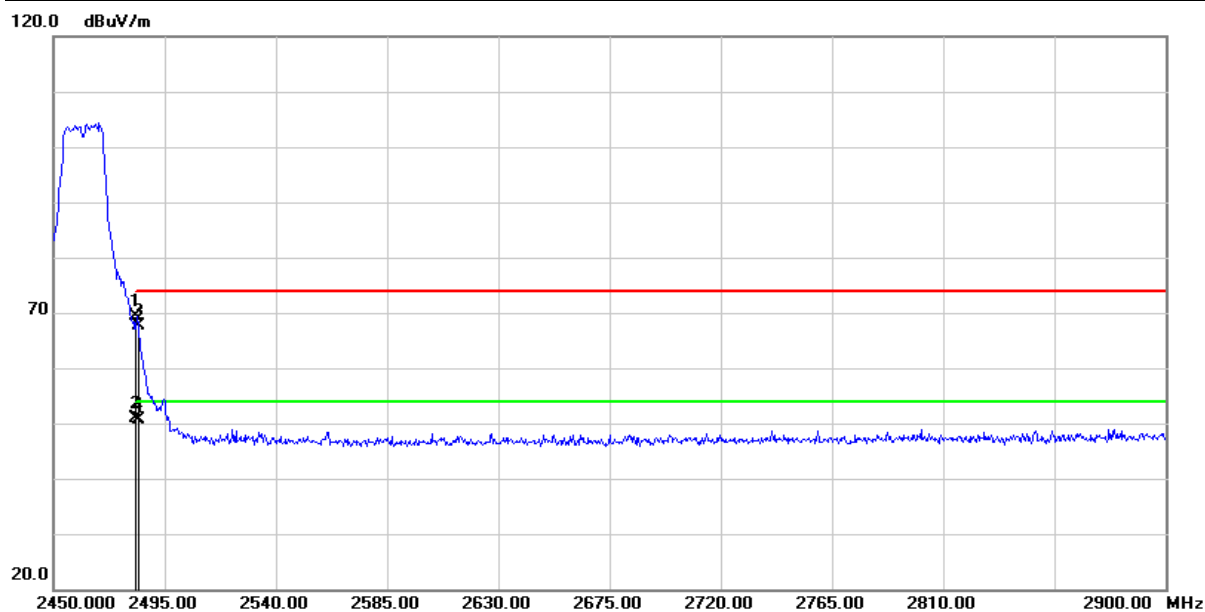


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.750	71.75	-6.20	65.55	74.00	-8.45	peak
2	2389.750	52.62	-6.20	46.42	54.00	-7.58	AVG
3	2390.000	69.86	-6.20	63.66	74.00	-10.34	peak
4	2390.000	51.87	-6.20	45.67	54.00	-8.33	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 2 : Transmit (802.11g 6Mbps)	Test Date :	2025/06/06
Test Channel :	CH11 (2462MHz)	Temperature :	24.5 °C
Polarization :	Horizontal	Relative Humidity :	45.7 %

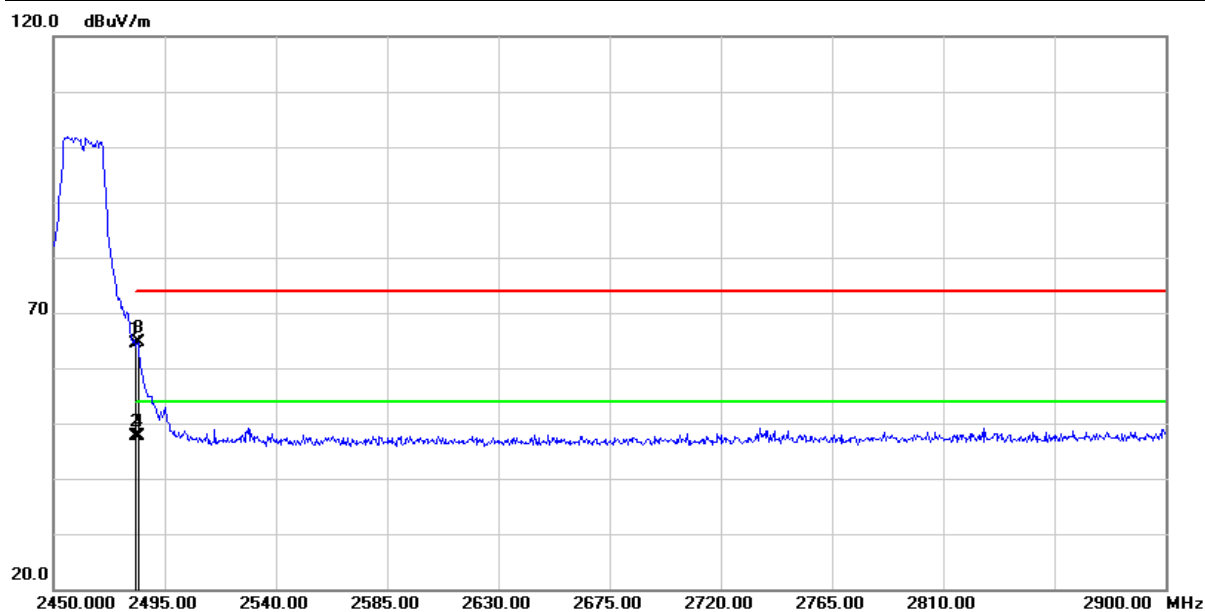


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	75.79	-6.29	69.50	74.00	-4.50	peak
2	2483.500	57.07	-6.29	50.78	54.00	-3.22	AVG
3	2484.200	73.99	-6.28	67.71	74.00	-6.29	peak
4	2484.200	56.81	-6.28	50.53	54.00	-3.47	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 2 : Transmit (802.11g 6Mbps)	Test Date :	2025/06/06
Test Channel :	CH11 (2462MHz)	Temperature :	24.5 °C
Polarization :	Vertical	Relative Humidity :	45.7 %



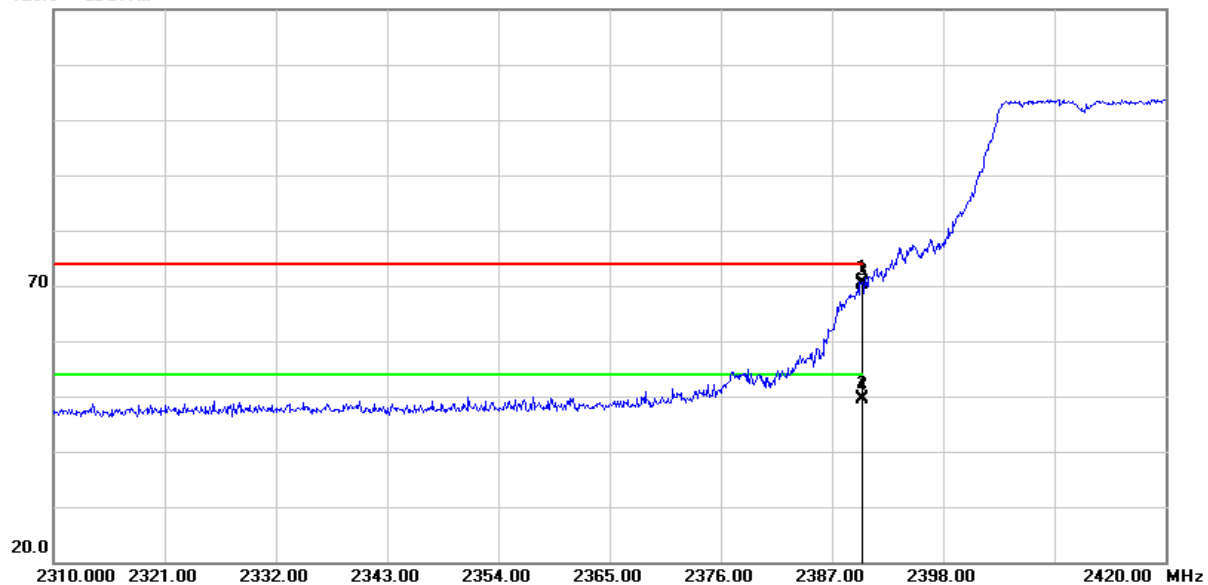
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	70.72	-6.29	64.43	74.00	-9.57	peak
2	2483.500	54.02	-6.29	47.73	54.00	-6.27	AVG
3	2484.200	70.84	-6.28	64.56	74.00	-9.44	peak
4	2484.200	53.81	-6.28	47.53	54.00	-6.47	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 3 : Transmit (802.11n HT20 MCS0)	Test Date :	2025/06/07
Test Channel :	CH01 (2412MHz)	Temperature :	24.5 °C
Polarization :	Horizontal	Relative Humidity :	45.7 %

120.0 dBuV/m



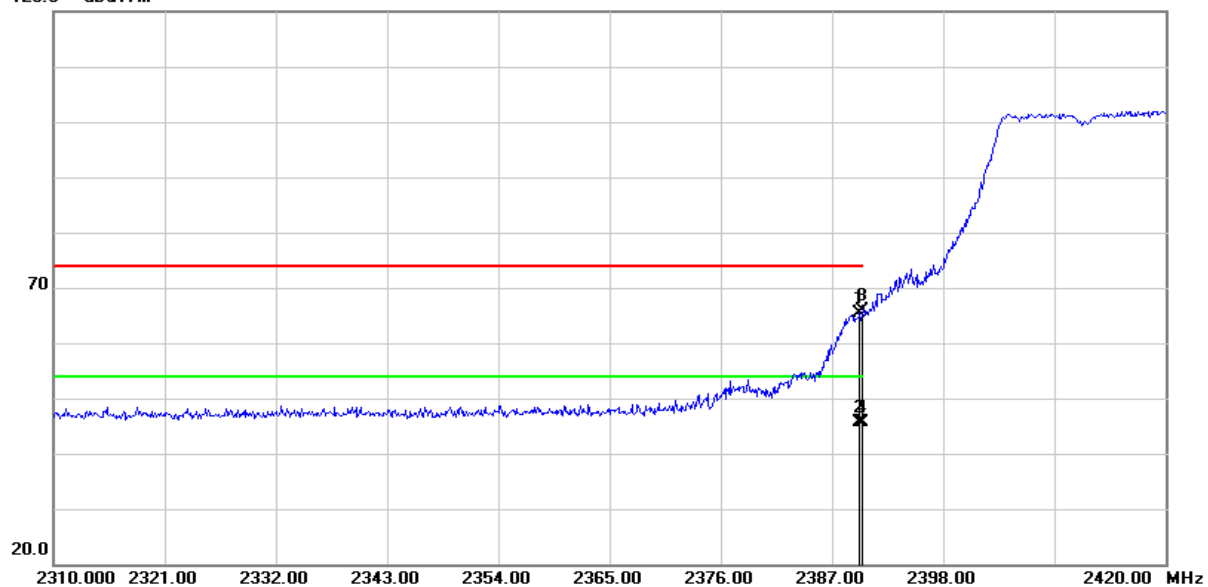
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.970	76.79	-6.20	70.59	74.00	-3.41	peak
2	2389.970	55.82	-6.20	49.62	54.00	-4.38	AVG
3	2390.000	76.42	-6.20	70.22	74.00	-3.78	peak
4	2390.000	55.57	-6.20	49.37	54.00	-4.63	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 3 : Transmit (802.11n HT20 MCS0)	Test Date :	2025/06/07
Test Channel :	CH01 (2412MHz)	Temperature :	24.5 °C
Polarization :	Vertical	Relative Humidity :	45.7 %

120.0 dBuV/m



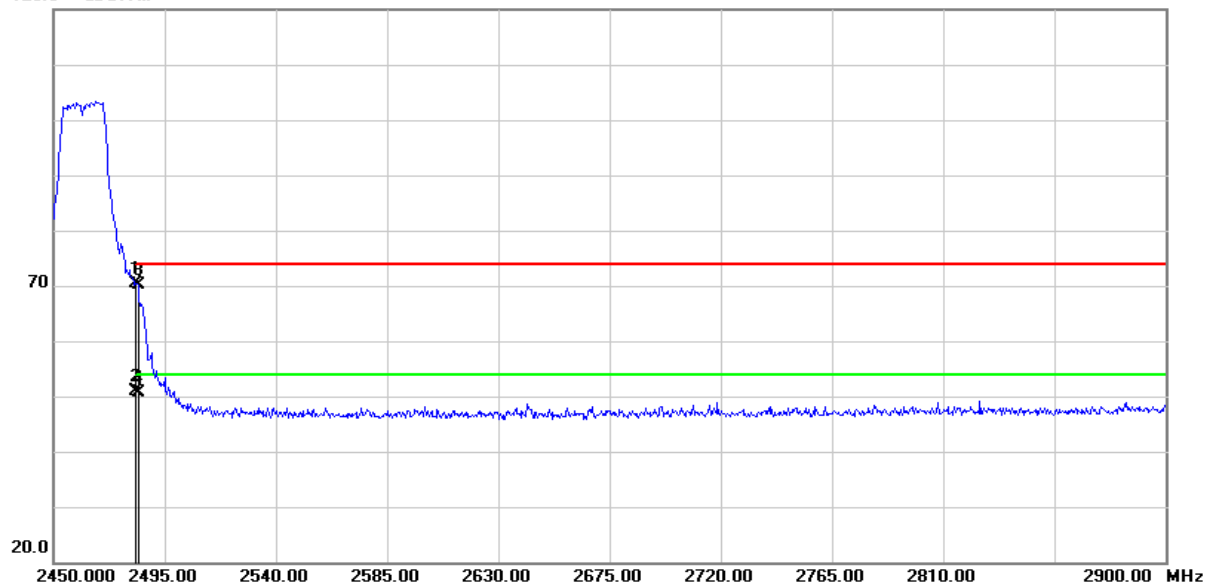
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.750	71.66	-6.20	65.46	74.00	-8.54	peak
2	2389.750	51.73	-6.20	45.53	54.00	-8.47	AVG
3	2390.000	72.05	-6.20	65.85	74.00	-8.15	peak
4	2390.000	51.86	-6.20	45.66	54.00	-8.34	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 3 : Transmit (802.11n HT20 MCS0)	Test Date :	2025/06/07
Test Channel :	CH11 (2462MHz)	Temperature :	24.5 °C
Polarization :	Horizontal	Relative Humidity :	45.7 %

120.0 dBuV/m

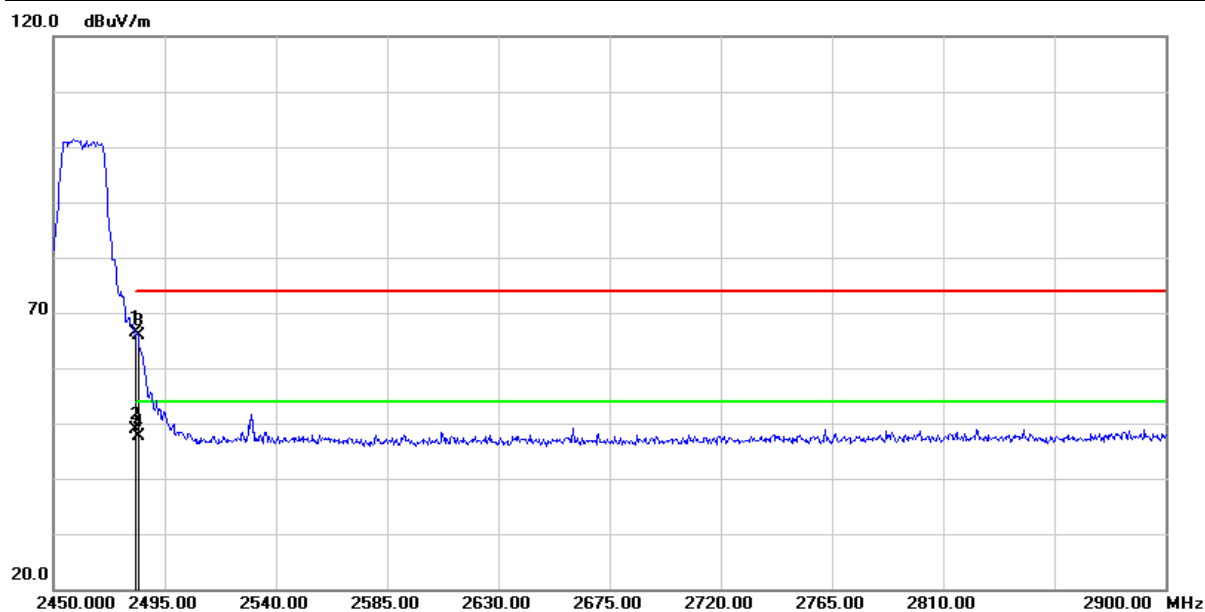


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	76.57	-6.29	70.28	74.00	-3.72	peak
2	2483.500	57.21	-6.29	50.92	54.00	-3.08	AVG
3	2484.200	76.36	-6.28	70.08	74.00	-3.92	peak
4	2484.200	56.96	-6.28	50.68	54.00	-3.32	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 3 : Transmit (802.11n HT20 MCS0)	Test Date :	2025/06/07
Test Channel :	CH11 (2462MHz)	Temperature :	24.5 °C
Polarization :	Vertical	Relative Humidity :	45.7 %



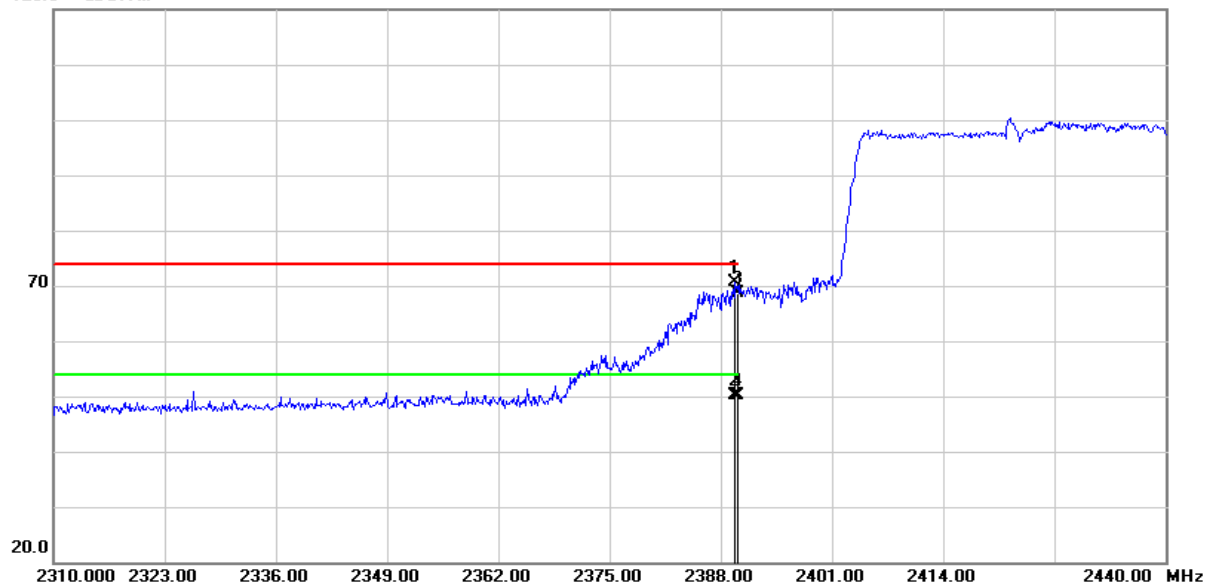
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	72.62	-6.29	66.33	74.00	-7.67	peak
2	2483.500	55.19	-6.29	48.90	54.00	-5.10	AVG
3	2484.200	72.15	-6.28	65.87	74.00	-8.13	peak
4	2484.200	54.02	-6.28	47.74	54.00	-6.26	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 4 : Transmit (802.11n HT40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH03 (2422MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %

120.0 dBuV/m



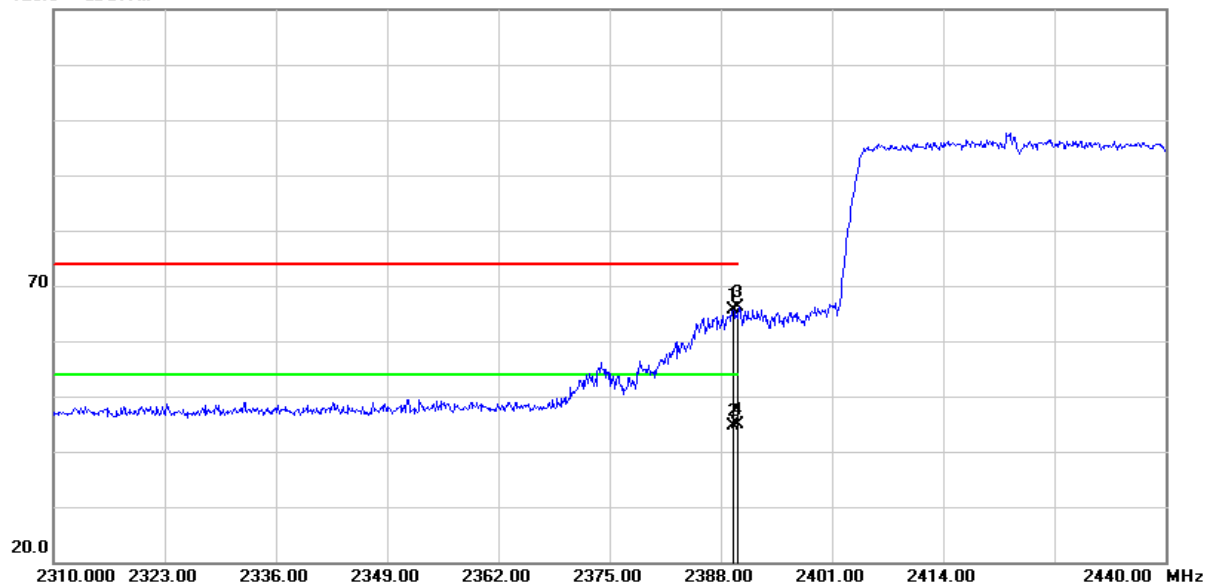
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.690	76.81	-6.20	70.61	74.00	-3.39	peak
2	2389.690	56.35	-6.20	50.15	54.00	-3.85	AVG
3	2390.000	74.92	-6.20	68.72	74.00	-5.28	peak
4	2390.000	56.23	-6.20	50.03	54.00	-3.97	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 4 : Transmit (802.11n HT40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH03 (2422MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %

120.0 dBuV/m

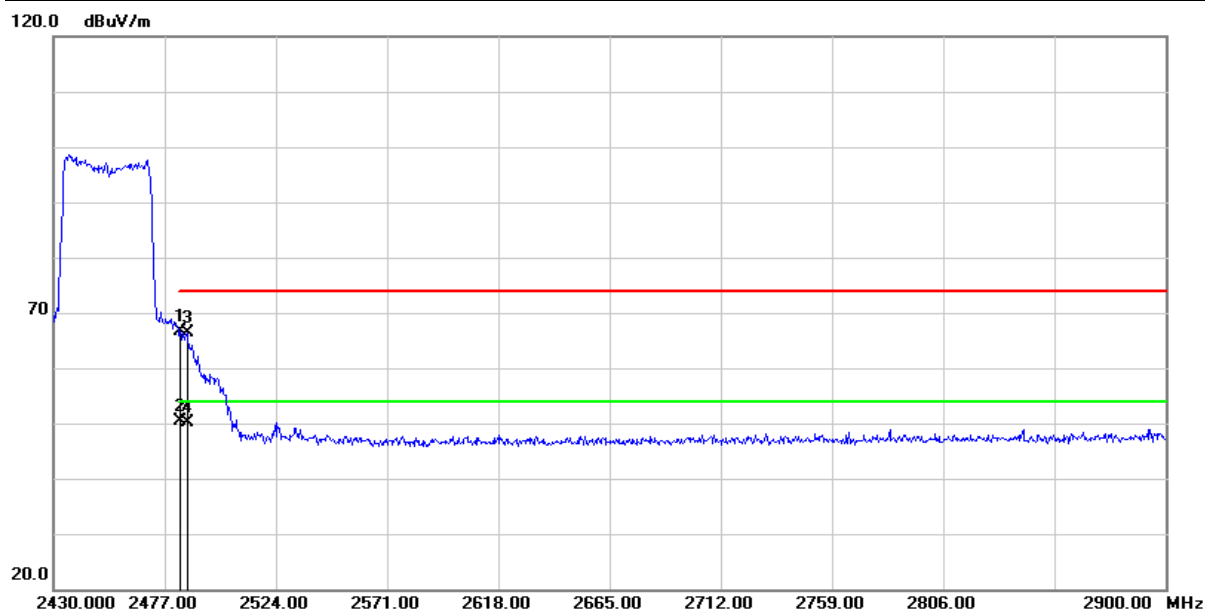


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.430	71.83	-6.20	65.63	74.00	-8.37	peak
2	2389.430	50.87	-6.20	44.67	54.00	-9.33	AVG
3	2390.000	72.23	-6.20	66.03	74.00	-7.97	peak
4	2390.000	51.02	-6.20	44.82	54.00	-9.18	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 4 : Transmit (802.11n HT40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH09 (2452MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %

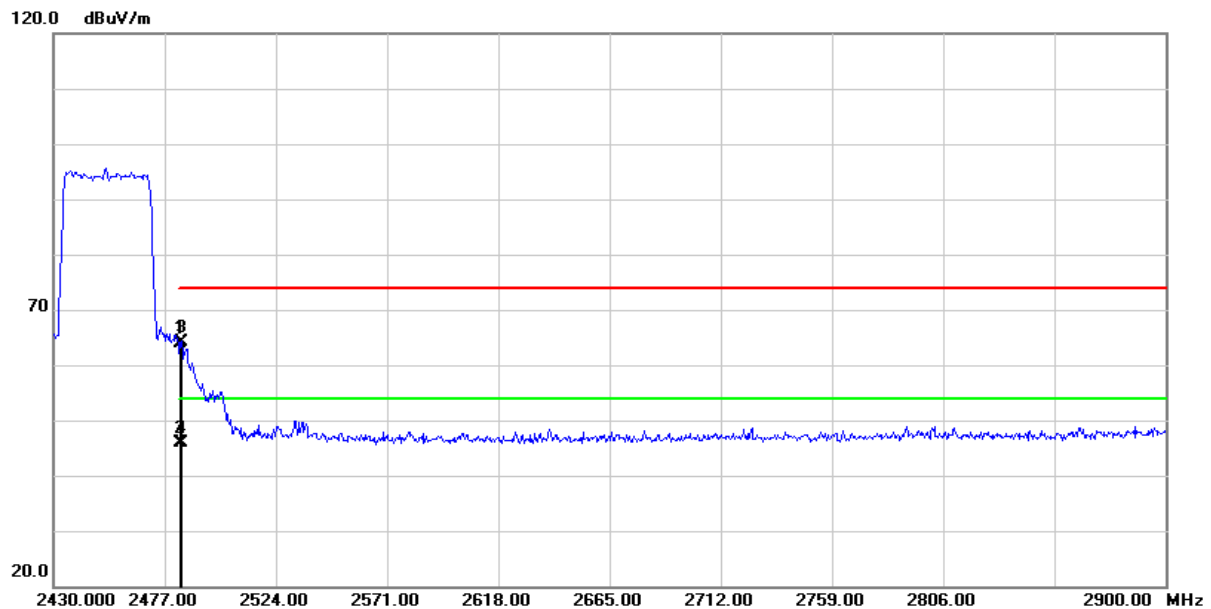


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	73.00	-6.29	66.71	74.00	-7.29	peak
2	2483.500	56.61	-6.29	50.32	54.00	-3.68	AVG
3	2486.400	72.69	-6.27	66.42	74.00	-7.58	peak
4	2486.400	56.44	-6.27	50.17	54.00	-3.83	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 4 : Transmit (802.11n HT40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH09 (2452MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %

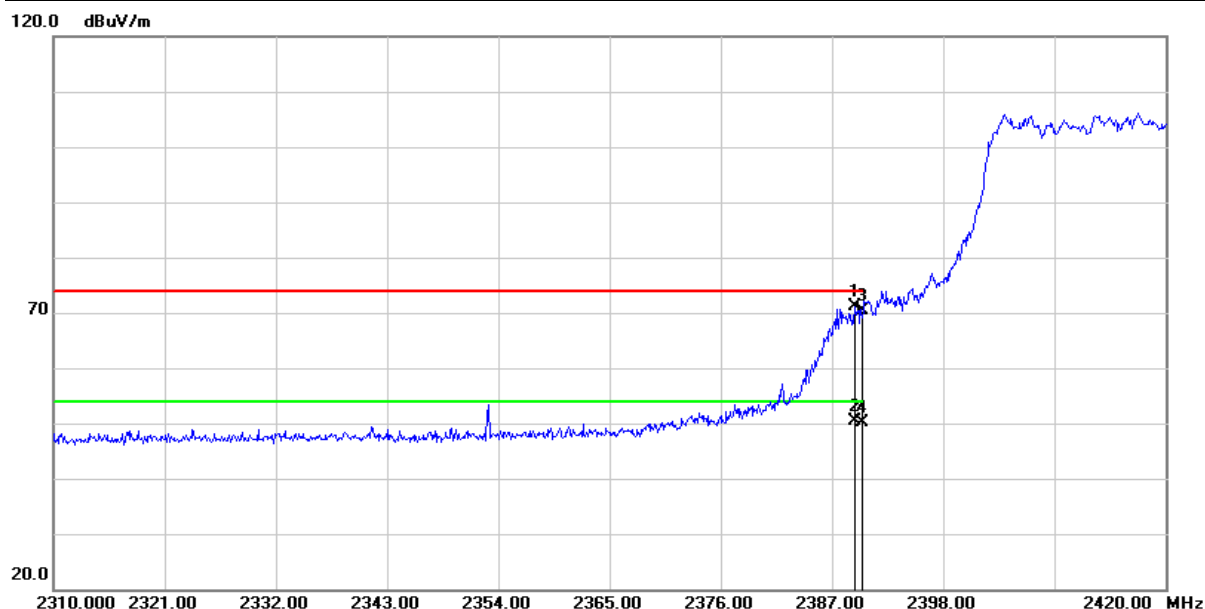


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	70.07	-6.29	63.78	74.00	-10.22	peak
2	2483.500	52.23	-6.29	45.94	54.00	-8.06	AVG
3	2484.050	70.53	-6.28	64.25	74.00	-9.75	peak
4	2484.050	52.04	-6.28	45.76	54.00	-8.24	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 5 : Transmit (802.11ax HE20 MCS0)	Test Date :	2025/06/09
Test Channel :	CH01 (2412MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %



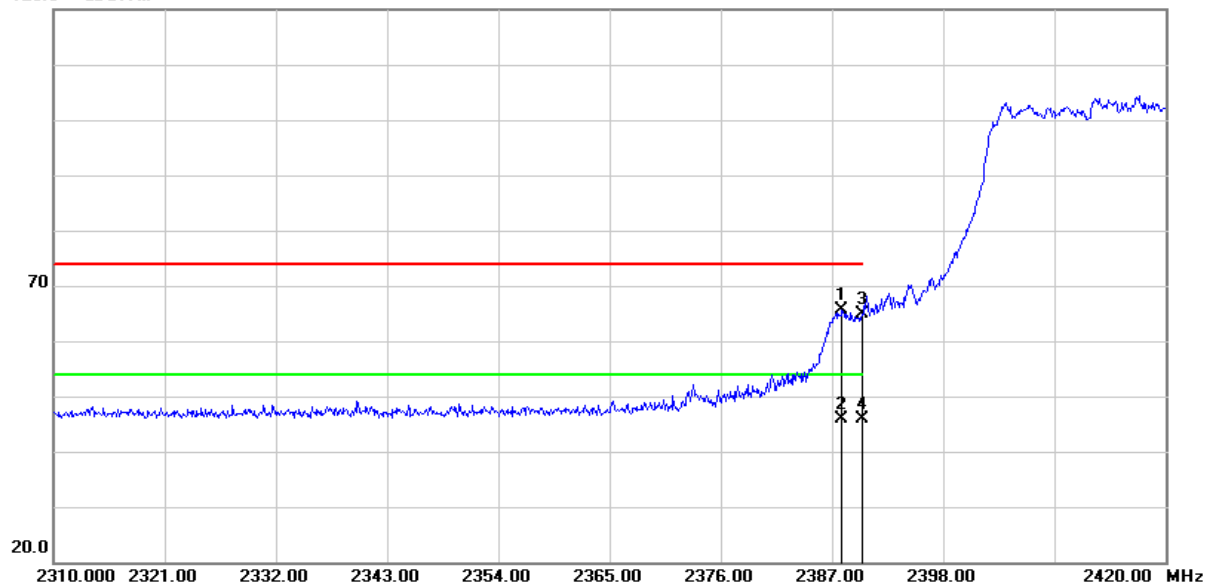
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.200	77.44	-6.20	71.24	74.00	-2.76	peak
2	2389.200	56.70	-6.20	50.50	54.00	-3.50	AVG
3	2390.000	76.58	-6.20	70.38	74.00	-3.62	peak
4	2390.000	56.43	-6.20	50.23	54.00	-3.77	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 5 : Transmit (802.11ax HE20 MCS0)	Test Date :	2025/06/09
Test Channel :	CH01 (2412MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %

120.0 dBuV/m



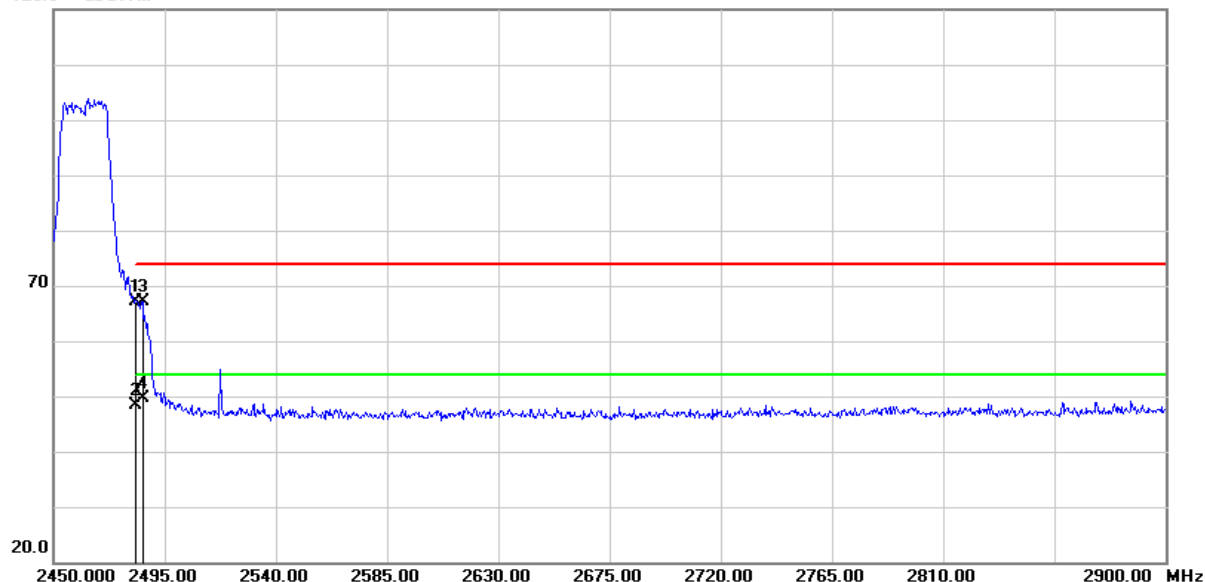
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.990	71.72	-6.20	65.52	74.00	-8.48	peak
2	2387.990	52.06	-6.20	45.86	54.00	-8.14	AVG
3	2390.000	70.97	-6.20	64.77	74.00	-9.23	peak
4	2390.000	51.96	-6.20	45.76	54.00	-8.24	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 5 : Transmit (802.11ax HE20 MCS0)	Test Date :	2025/06/09
Test Channel :	CH11 (2462MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %

120.0 dBuV/m



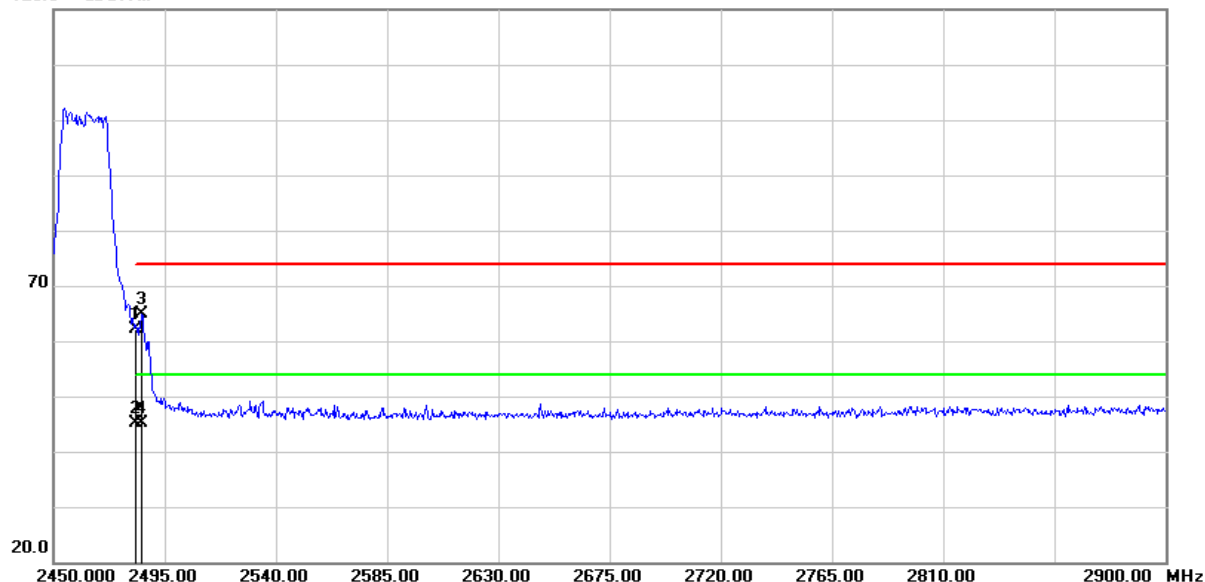
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	73.40	-6.29	67.11	74.00	-6.89	peak
2	2483.500	54.64	-6.29	48.35	54.00	-5.65	AVG
3	2486.000	73.48	-6.28	67.20	74.00	-6.80	peak
4	2486.000	55.88	-6.28	49.60	54.00	-4.40	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 5 : Transmit (802.11ax HE20 MCS0)	Test Date :	2025/06/09
Test Channel :	CH11 (2462MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %

120.0 dBuV/m



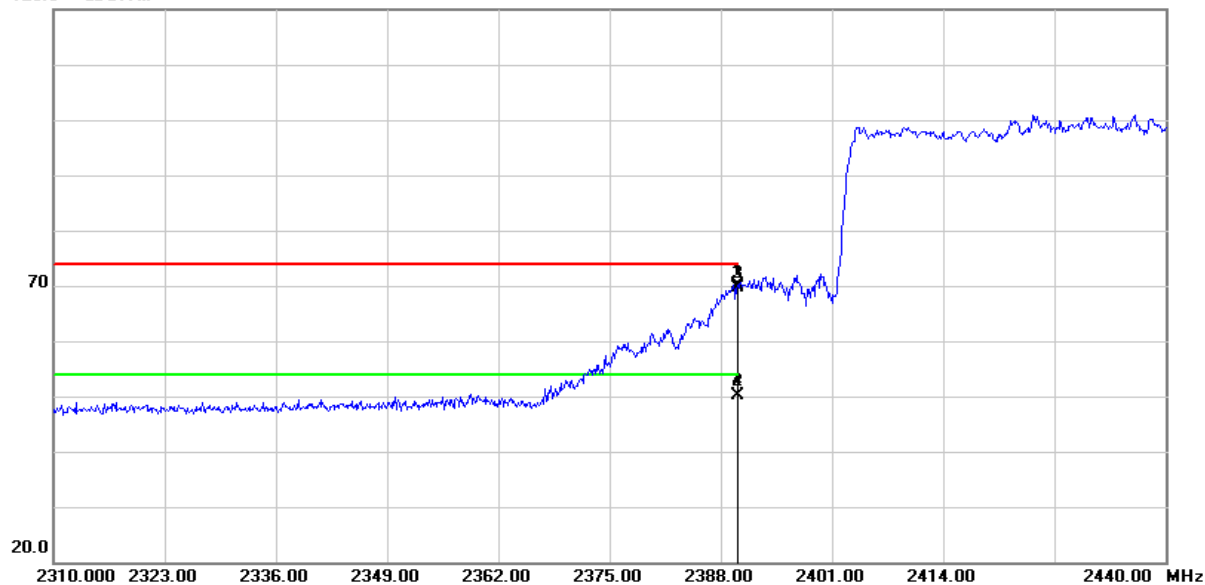
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	68.34	-6.29	62.05	74.00	-11.95	peak
2	2483.500	51.38	-6.29	45.09	54.00	-8.91	AVG
3	2485.550	71.10	-6.28	64.82	74.00	-9.18	peak
4	2485.550	51.44	-6.28	45.16	54.00	-8.84	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 6 : Transmit (802.11ax HE40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH03 (2422MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %

120.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.950	76.32	-6.20	70.12	74.00	-3.88	peak
2	2389.950	56.39	-6.20	50.19	54.00	-3.81	AVG
3	2390.000	75.80	-6.20	69.60	74.00	-4.40	peak
4	2390.000	56.33	-6.20	50.13	54.00	-3.87	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 6 : Transmit (802.11ax HE40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH03 (2422MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %

120.0 dBuV/m

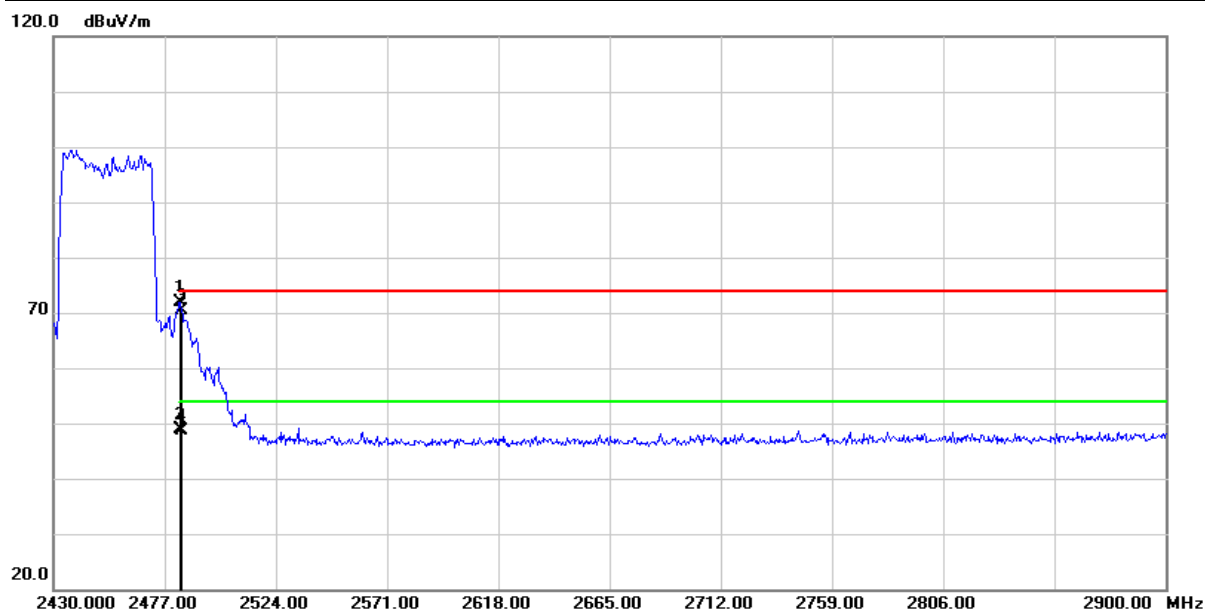


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.560	71.79	-6.20	65.59	74.00	-8.41	peak
2	2389.560	51.07	-6.20	44.87	54.00	-9.13	AVG
3	2390.000	71.26	-6.20	65.06	74.00	-8.94	peak
4	2390.000	51.01	-6.20	44.81	54.00	-9.19	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 6 : Transmit (802.11ax HE40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH09 (2452MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %

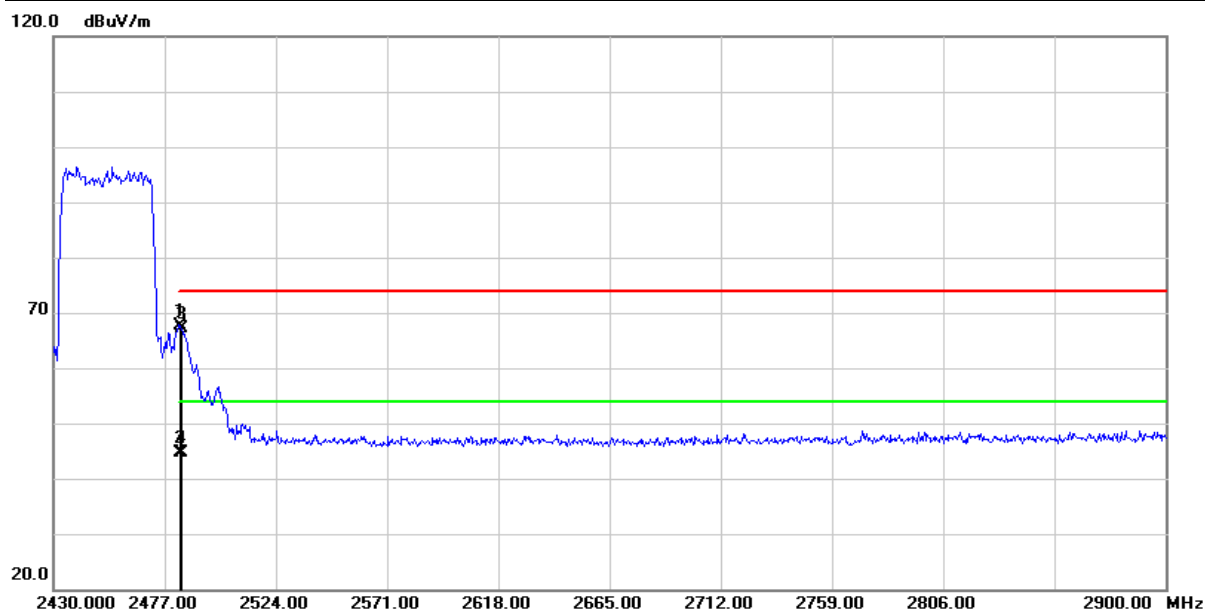


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	78.06	-6.29	71.77	74.00	-2.23	peak
2	2483.500	55.23	-6.29	48.94	54.00	-5.06	AVG
3	2484.050	76.69	-6.28	70.41	74.00	-3.59	peak
4	2484.050	54.94	-6.28	48.66	54.00	-5.34	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 6 : Transmit (802.11ax HE40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH09 (2452MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	73.82	-6.29	67.53	74.00	-6.47	peak
2	2483.500	51.04	-6.29	44.75	54.00	-9.25	AVG
3	2484.050	73.51	-6.28	67.23	74.00	-6.77	peak
4	2484.050	50.97	-6.28	44.69	54.00	-9.31	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

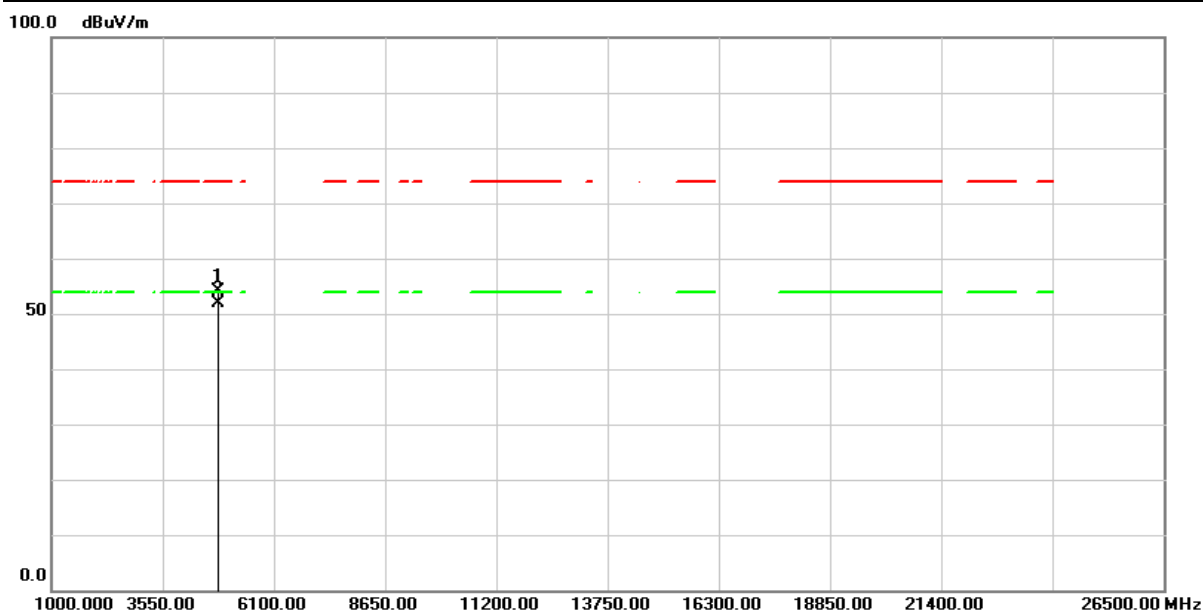
2.6.6 Test Result of Radiated Spurious Emission Measurement

- (1) The radiation measurement frequency is 9kHz ~ 30MHz. The interference value of this frequency range is less than the limit value of 20 dB. It is considered that the background noise value is not recorded.
- (2) The following table shows the radiation measurement frequency from 30MHz to 26.5GHz, pre-scanning in the X, Y and Z axes. The worst case (X-axis) is documented in this report.

Test Frequency		
RF	802.11b/g/n-HT20/ax-HE20	802.11n-HT40/ax-HE40
Tx	CH01 (2412MHz)	CH03 (2422MHz)
	CH06 (2437MHz)	CH06 (2437MHz)
	CH11 (2462MHz)	CH09 (2452MHz)

Above 1GHz Data

Test Mode :	Mode 1 : Transmit (802.11b 1Mbps)	Test Date :	2025/06/06
Test Channel :	CH01 (2412MHz)	Temperature :	24.5 °C
Polarization :	Horizontal	Relative Humidity :	45.7 %



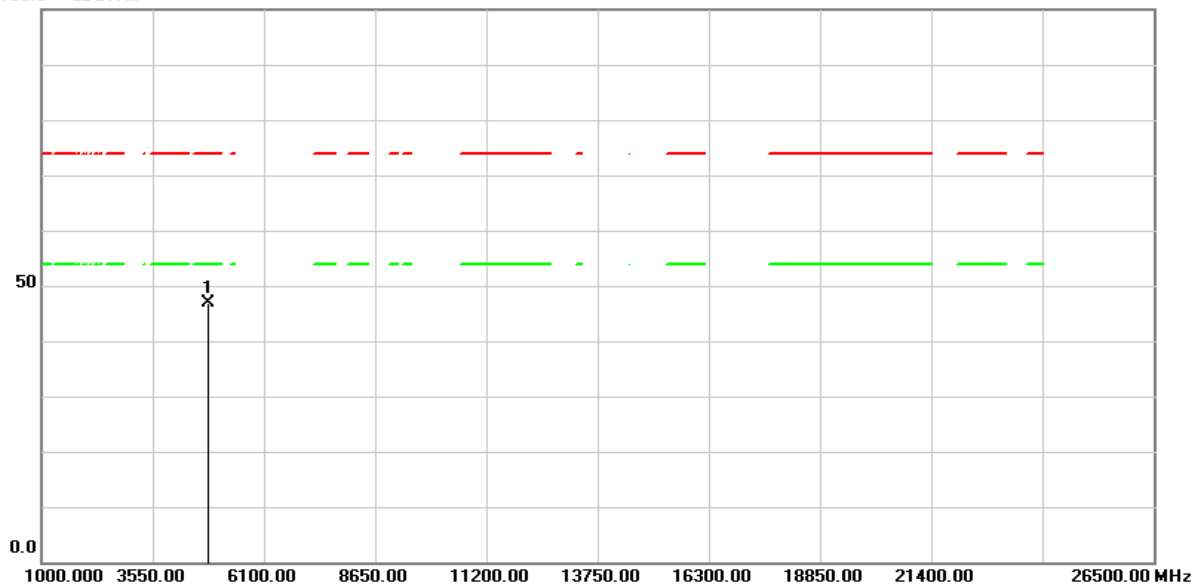
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	73.84	-19.82	54.02	74.00	-19.98	peak
2	4824.000	71.80	-19.82	51.98	54.00	-2.02	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 1 : Transmit (802.11b 1Mbps)	Test Date :	2025/06/06
Test Channel :	CH01 (2412MHz)	Temperature :	24.5 °C
Polarization :	Vertical	Relative Humidity :	45.7 %

100.0 dBuV/m



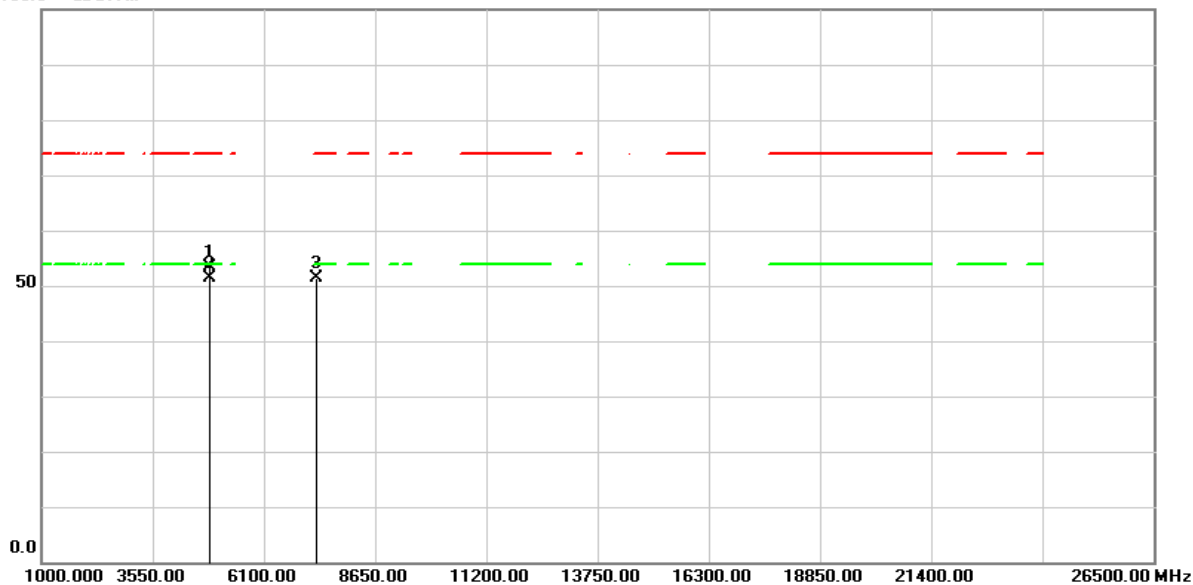
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	66.66	-19.82	46.84	74.00	-27.16	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 1 : Transmit (802.11b 1Mbps)	Test Date :	2025/06/06
Test Channel :	CH06 (2437MHz)	Temperature :	24.5 °C
Polarization :	Horizontal	Relative Humidity :	45.7 %

100.0 dBuV/m

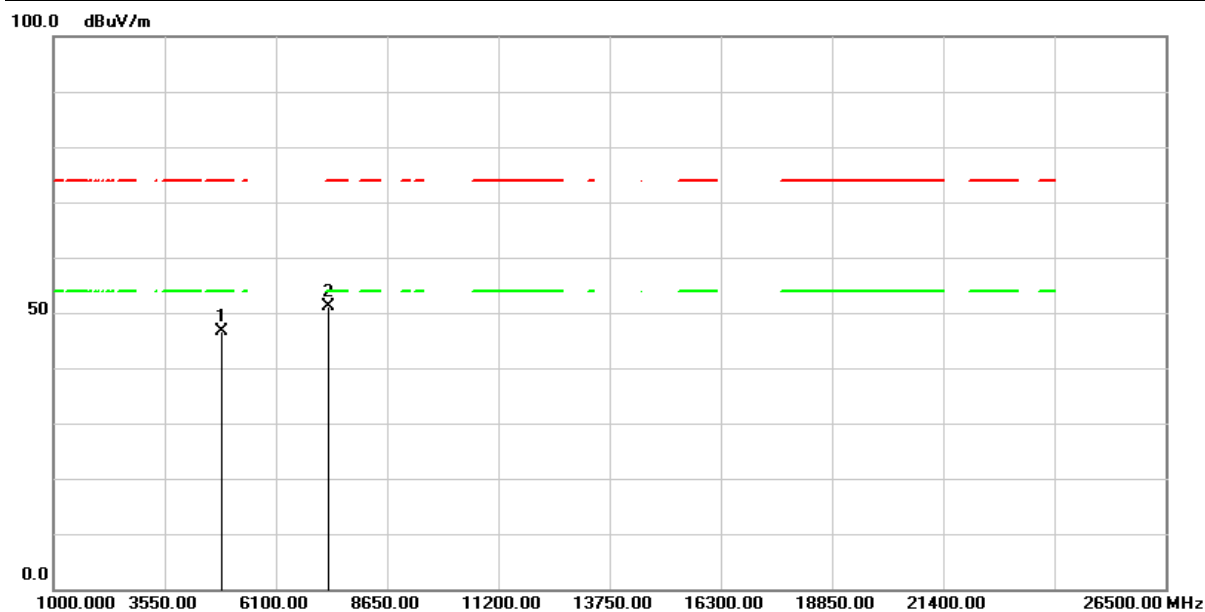


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	73.20	-19.83	53.37	74.00	-20.63	peak
2	4874.000	71.18	-19.83	51.35	54.00	-2.65	AVG
3	7311.000	64.95	-13.54	51.41	74.00	-22.59	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 1 : Transmit (802.11b 1Mbps)	Test Date :	2025/06/06
Test Channel :	CH06 (2437MHz)	Temperature :	24.5 °C
Polarization :	Vertical	Relative Humidity :	45.7 %



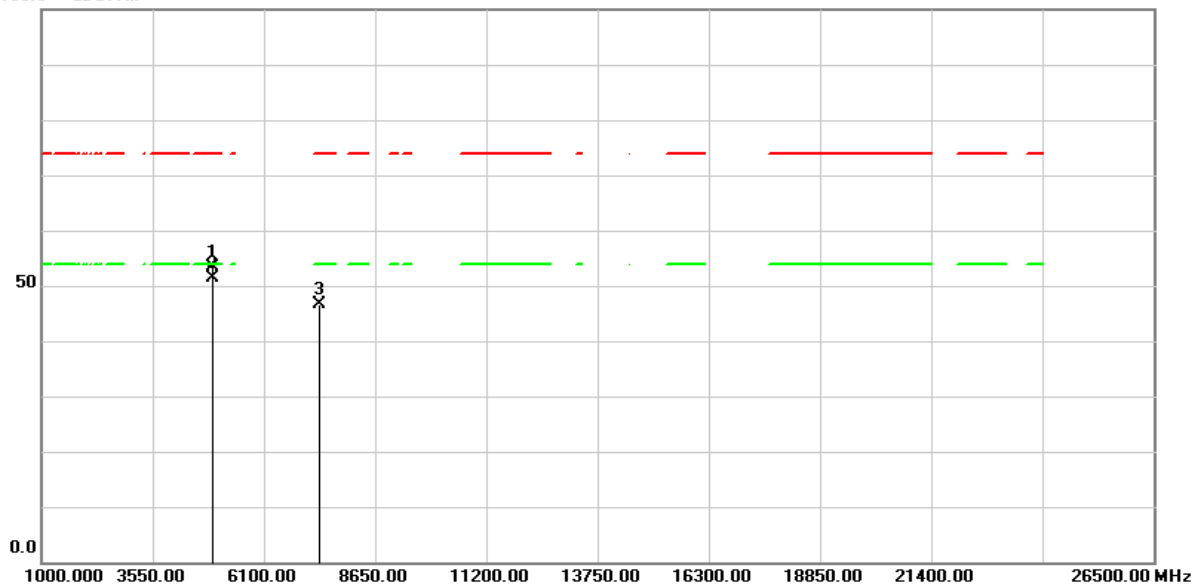
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	66.53	-19.83	46.70	74.00	-27.30	peak
2	7311.000	64.56	-13.54	51.02	74.00	-22.98	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 1 : Transmit (802.11b 1Mbps)	Test Date :	2025/06/06
Test Channel :	CH11 (2462MHz)	Temperature :	24.5 °C
Polarization :	Horizontal	Relative Humidity :	45.7 %

100.0 dBuV/m



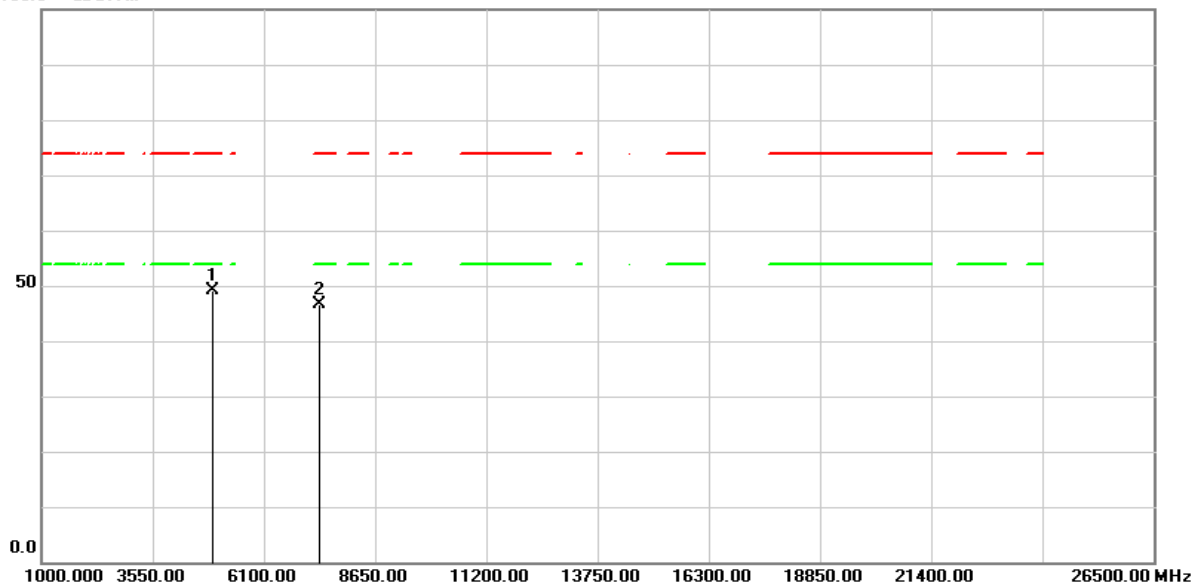
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	73.28	-19.79	53.49	74.00	-20.51	peak
2	4924.000	71.19	-19.79	51.40	54.00	-2.60	AVG
3	7386.000	60.08	-13.50	46.58	74.00	-27.42	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 1 : Transmit (802.11b 1Mbps)	Test Date :	2025/06/06
Test Channel :	CH11 (2462MHz)	Temperature :	24.5 °C
Polarization :	Vertical	Relative Humidity :	45.7 %

100.0 dBuV/m

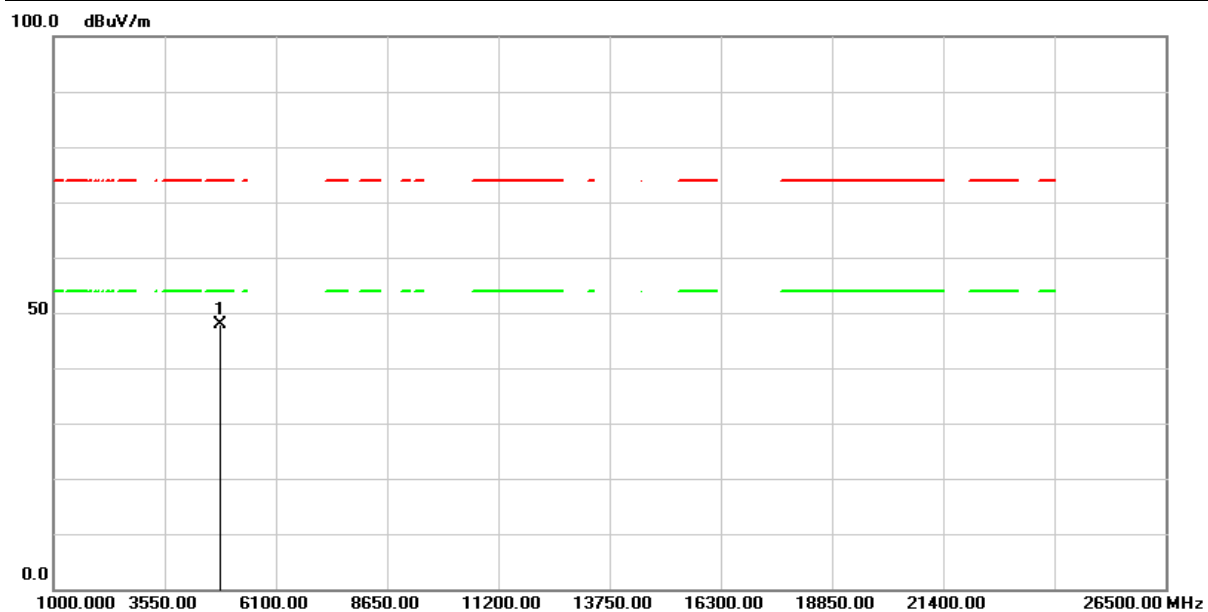


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	68.84	-19.79	49.05	74.00	-24.95	peak
2	7386.000	60.04	-13.50	46.54	74.00	-27.46	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 2 : Transmit (802.11g 6Mbps)	Test Date :	2025/06/06
Test Channel :	CH01 (2412MHz)	Temperature :	24.5 °C
Polarization :	Horizontal	Relative Humidity :	45.7 %



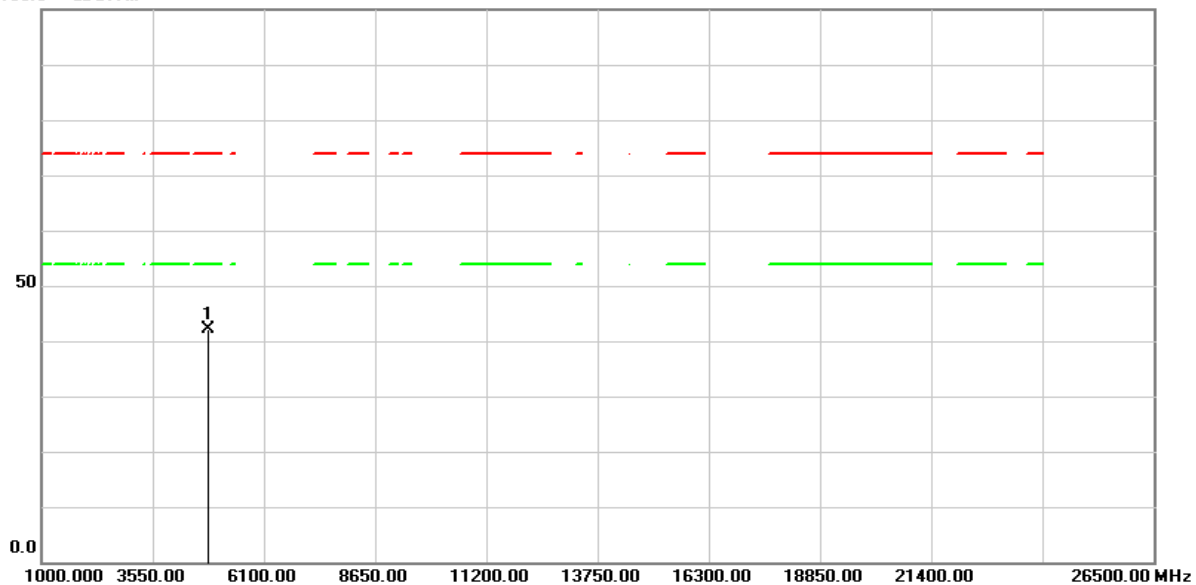
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	67.71	-19.82	47.89	74.00	-26.11	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 2 : Transmit (802.11g 6Mbps)	Test Date :	2025/06/06
Test Channel :	CH01 (2412MHz)	Temperature :	24.5 °C
Polarization :	Vertical	Relative Humidity :	45.7 %

100.0 dBuV/m

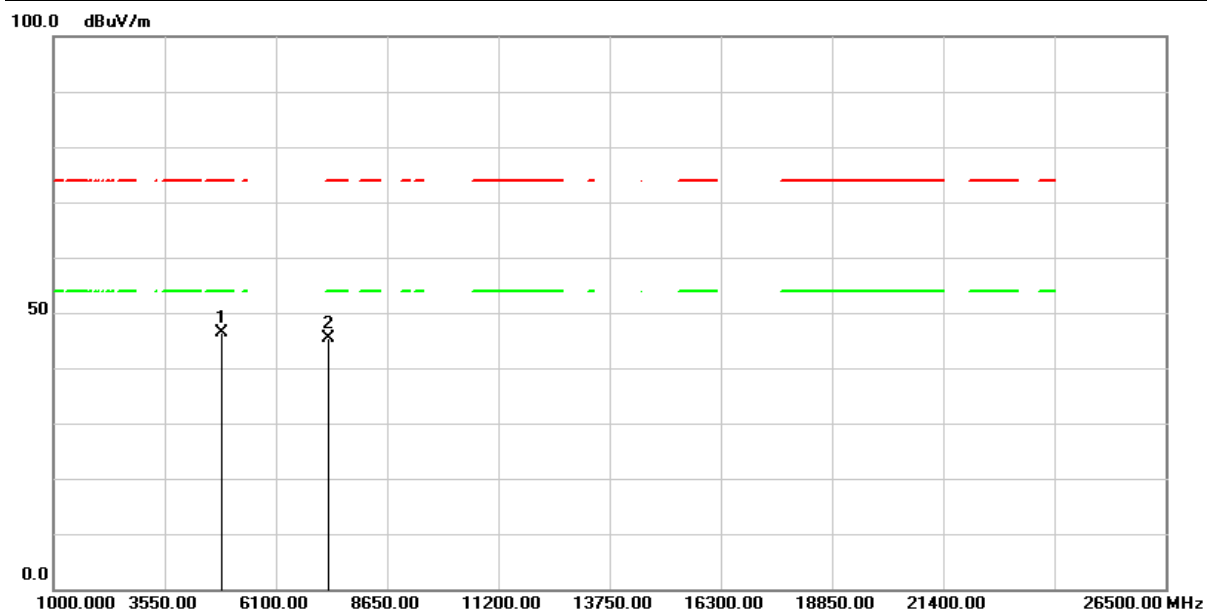


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	62.02	-19.82	42.20	74.00	-31.80	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 2 : Transmit (802.11g 6Mbps)	Test Date :	2025/06/06
Test Channel :	CH06 (2437MHz)	Temperature :	24.5 °C
Polarization :	Horizontal	Relative Humidity :	45.7 %

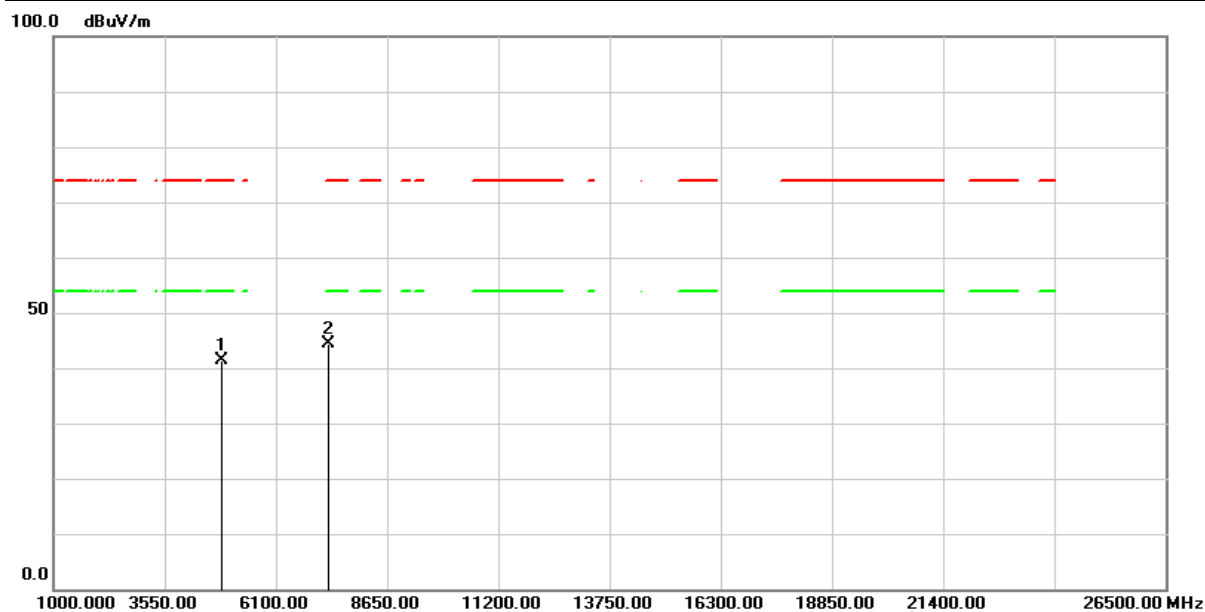


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	66.13	-19.83	46.30	74.00	-27.70	peak
2	7311.000	58.93	-13.54	45.39	74.00	-28.61	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 2 : Transmit (802.11g 6Mbps)	Test Date :	2025/06/06
Test Channel :	CH06 (2437MHz)	Temperature :	24.5 °C
Polarization :	Vertical	Relative Humidity :	45.7 %

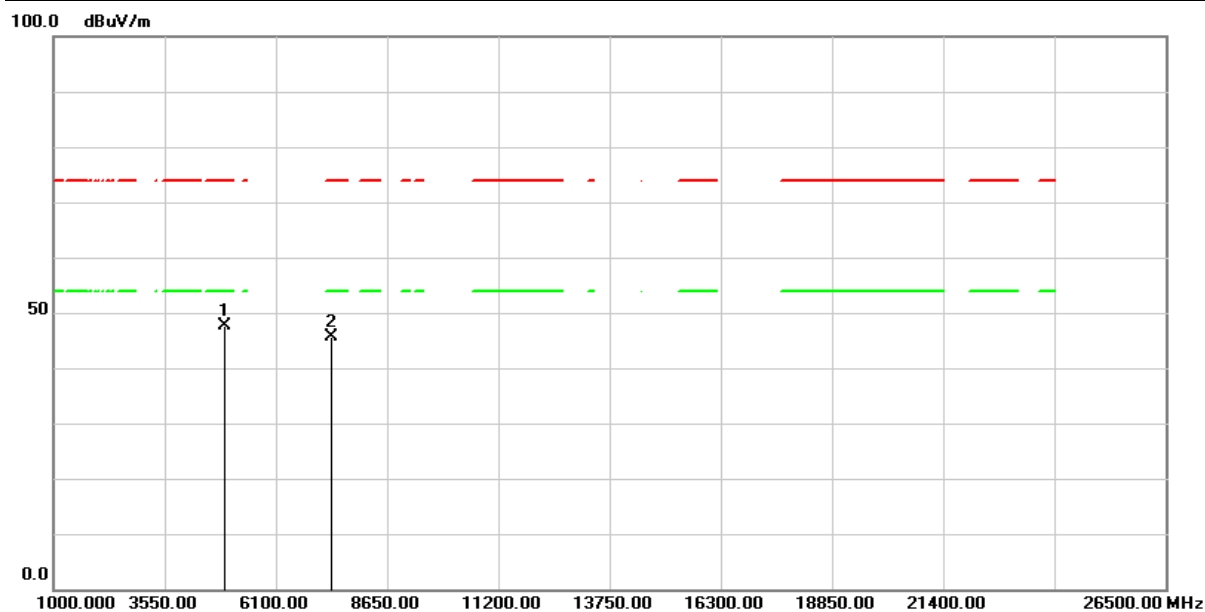


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	61.26	-19.83	41.43	74.00	-32.57	peak
2	7311.000	57.85	-13.54	44.31	74.00	-29.69	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 2 : Transmit (802.11g 6Mbps)	Test Date :	2025/06/06
Test Channel :	CH11 (2462MHz)	Temperature :	24.5 °C
Polarization :	Horizontal	Relative Humidity :	45.7 %

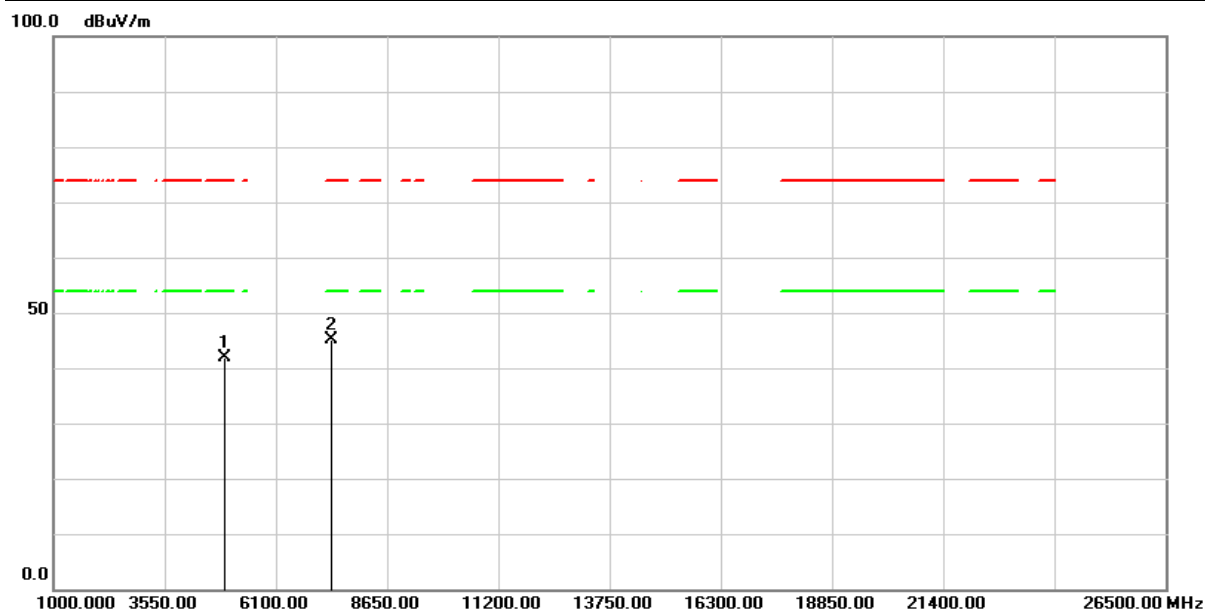


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	67.34	-19.79	47.55	74.00	-26.45	peak
2	7386.000	59.02	-13.50	45.52	74.00	-28.48	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 2 : Transmit (802.11g 6Mbps)	Test Date :	2025/06/06
Test Channel :	CH11 (2462MHz)	Temperature :	24.5 °C
Polarization :	Vertical	Relative Humidity :	45.7 %



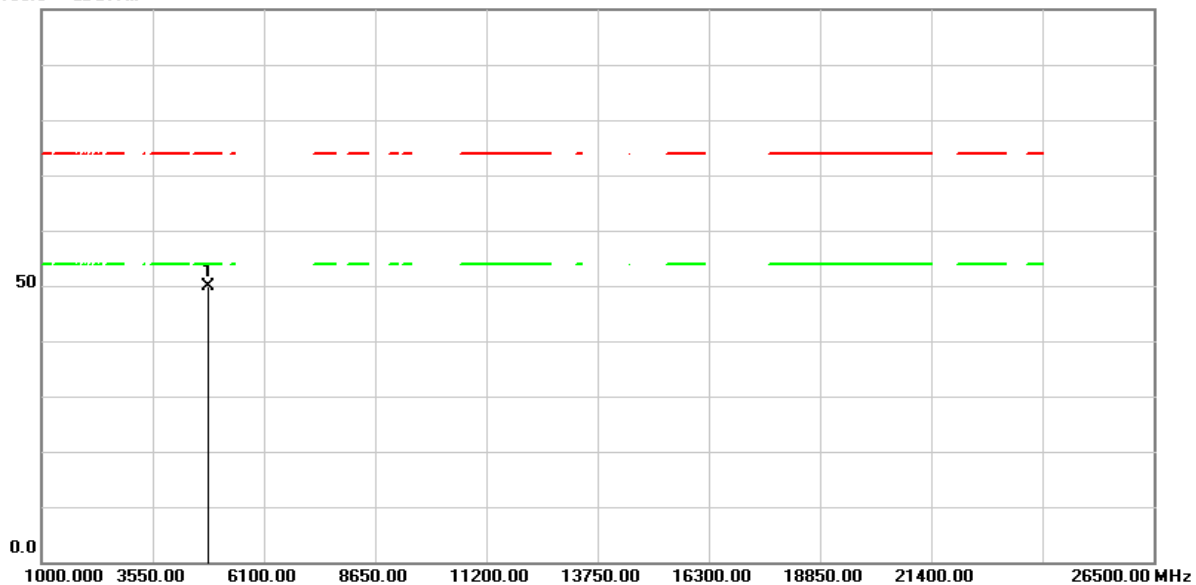
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	61.76	-19.79	41.97	74.00	-32.03	peak
2	7386.000	58.64	-13.50	45.14	74.00	-28.86	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 3 : Transmit (802.11n HT20 MCS0)	Test Date :	2025/06/09
Test Channel :	CH01 (2412MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %

100.0 dBuV/m



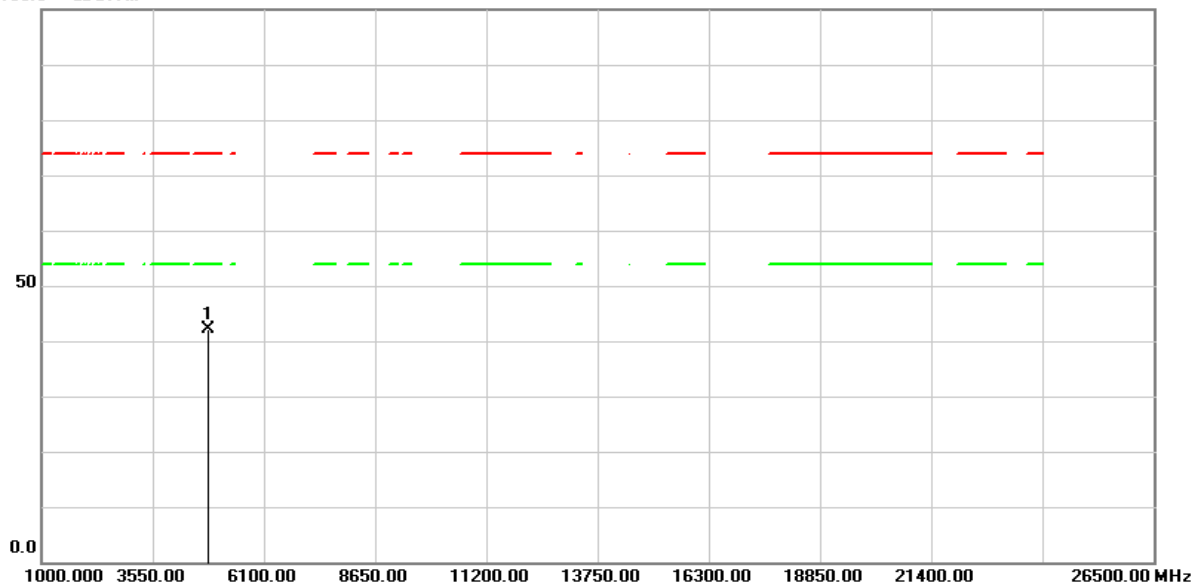
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	69.66	-19.82	49.84	74.00	-24.16	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 3 : Transmit (802.11n HT20 MCS0)	Test Date :	2025/06/09
Test Channel :	CH01 (2412MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %

100.0 dBuV/m



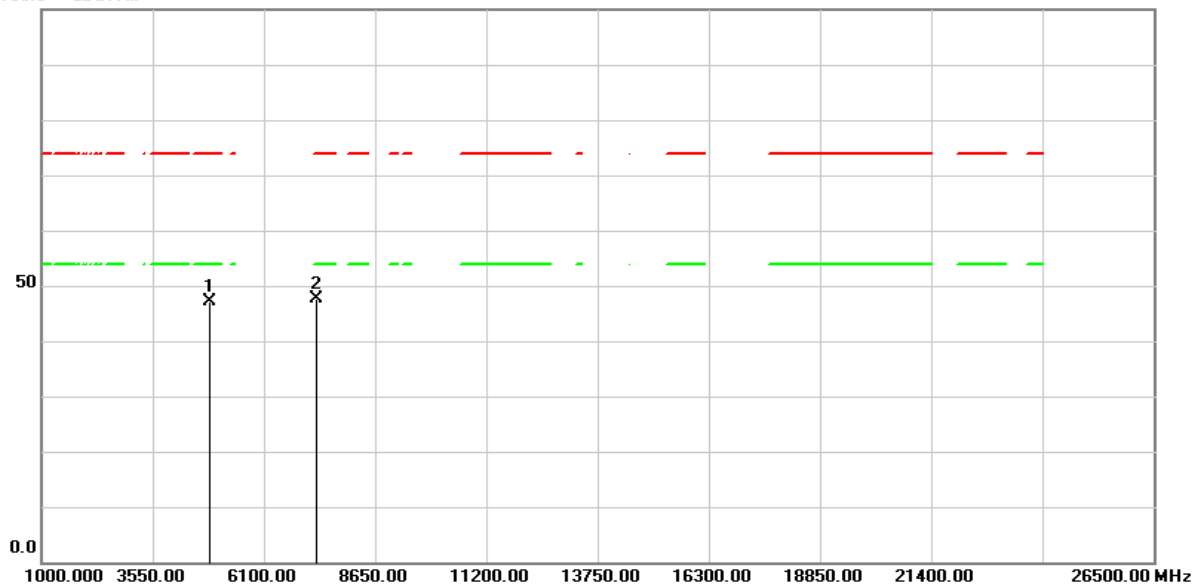
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	61.97	-19.82	42.15	74.00	-31.85	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 3 : Transmit (802.11n HT20 MCS0)	Test Date :	2025/06/09
Test Channel :	CH06 (2437MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %

100.0 dBuV/m



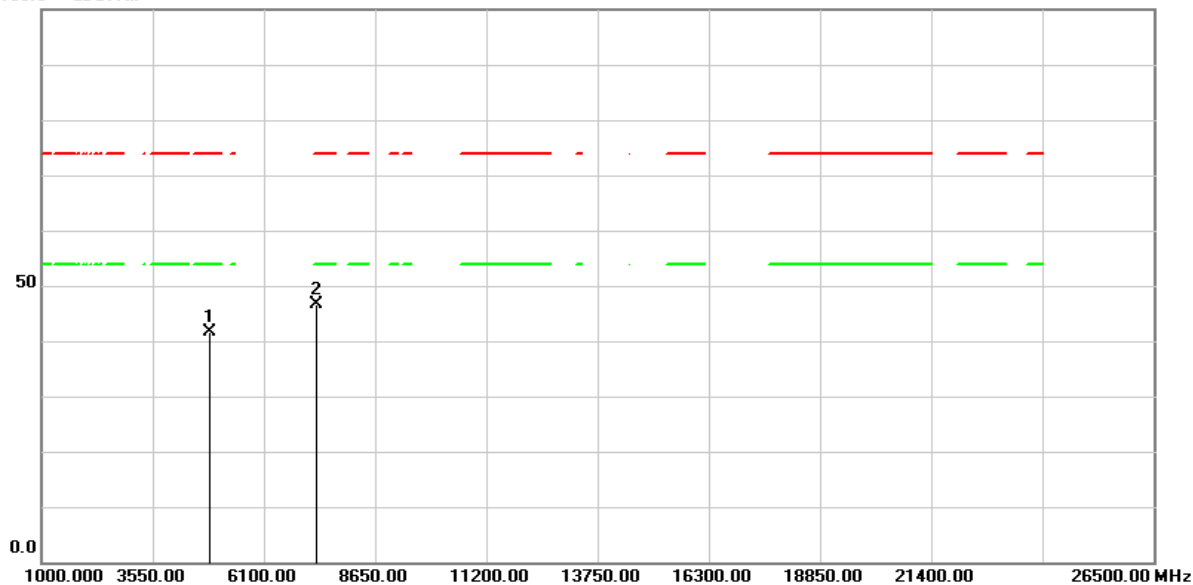
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	67.06	-19.83	47.23	74.00	-26.77	peak
2	7311.000	61.23	-13.54	47.69	74.00	-26.31	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 3 : Transmit (802.11n HT20 MCS0)	Test Date :	2025/06/09
Test Channel :	CH06 (2437MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %

100.0 dBuV/m



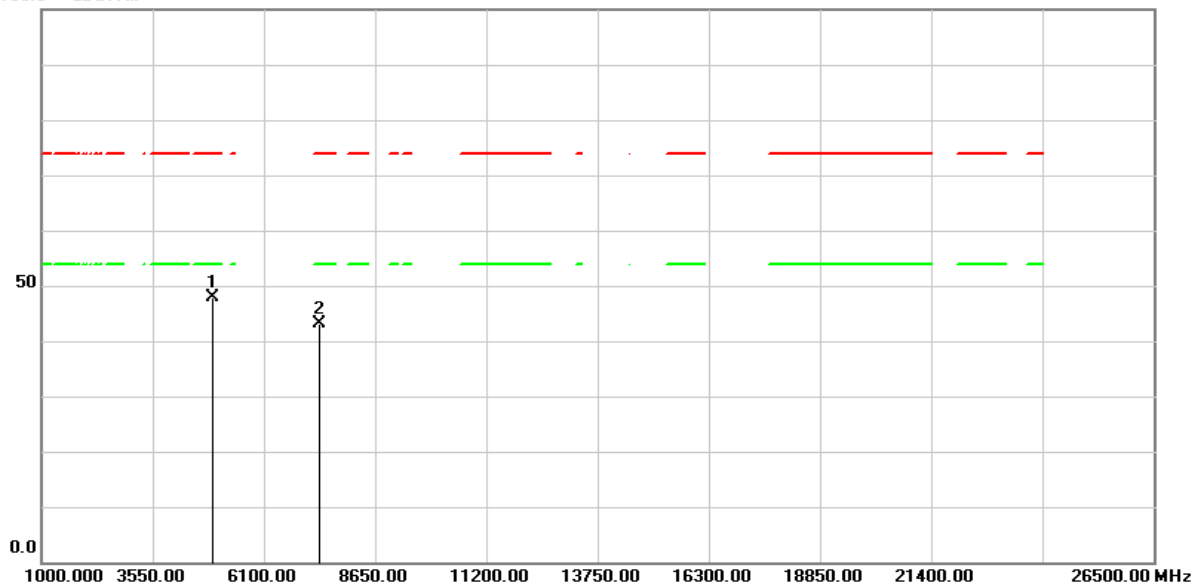
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	61.45	-19.83	41.62	74.00	-32.38	peak
2	7311.000	60.05	-13.54	46.51	74.00	-27.49	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 3 : Transmit (802.11n HT20 MCS0)	Test Date :	2025/06/09
Test Channel :	CH11 (2462MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %

100.0 dBuV/m



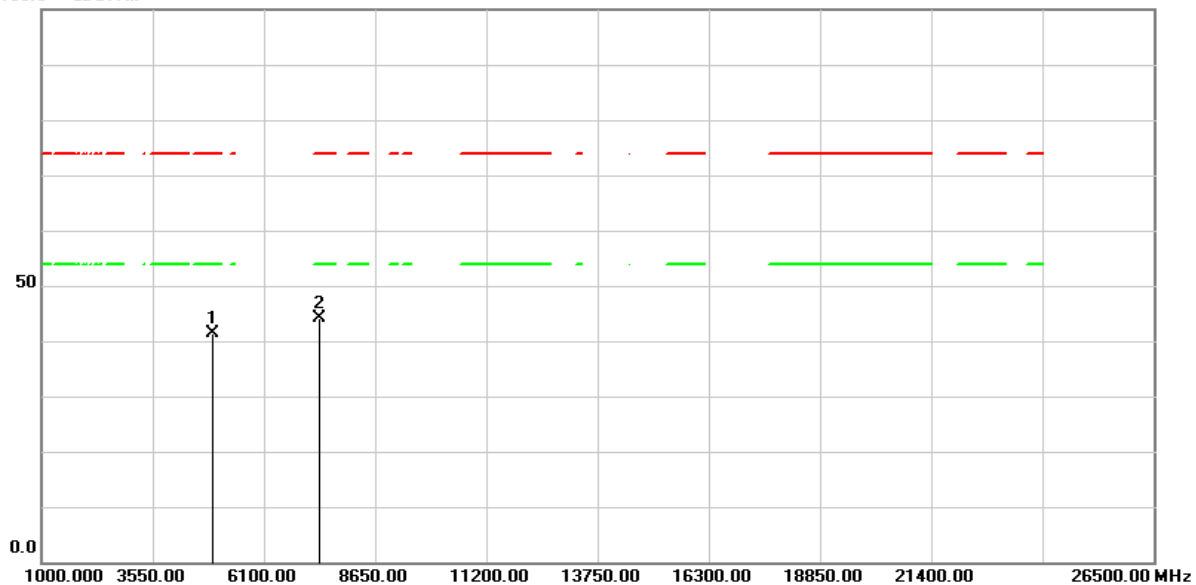
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	67.59	-19.79	47.80	74.00	-26.20	peak
2	7386.000	56.64	-13.50	43.14	74.00	-30.86	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 3 : Transmit (802.11n HT20 MCS0)	Test Date :	2025/06/09
Test Channel :	CH11 (2462MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %

100.0 dBuV/m



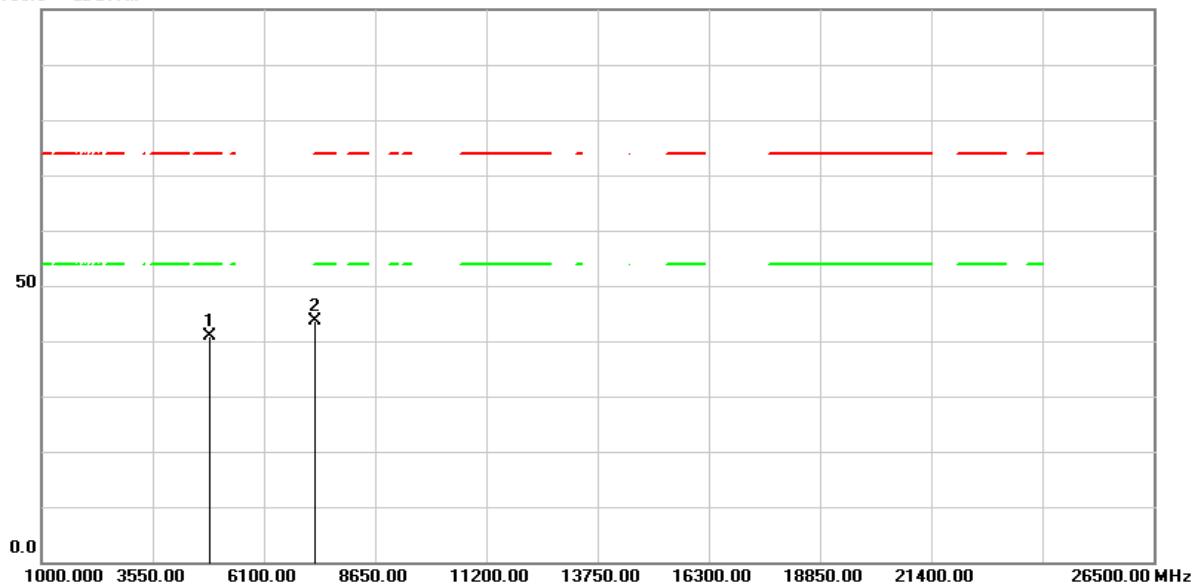
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	61.09	-19.79	41.30	74.00	-32.70	peak
2	7386.000	57.69	-13.50	44.19	74.00	-29.81	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 4 : Transmit (802.11n HT40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH03 (2422MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %

100.0 dBuV/m

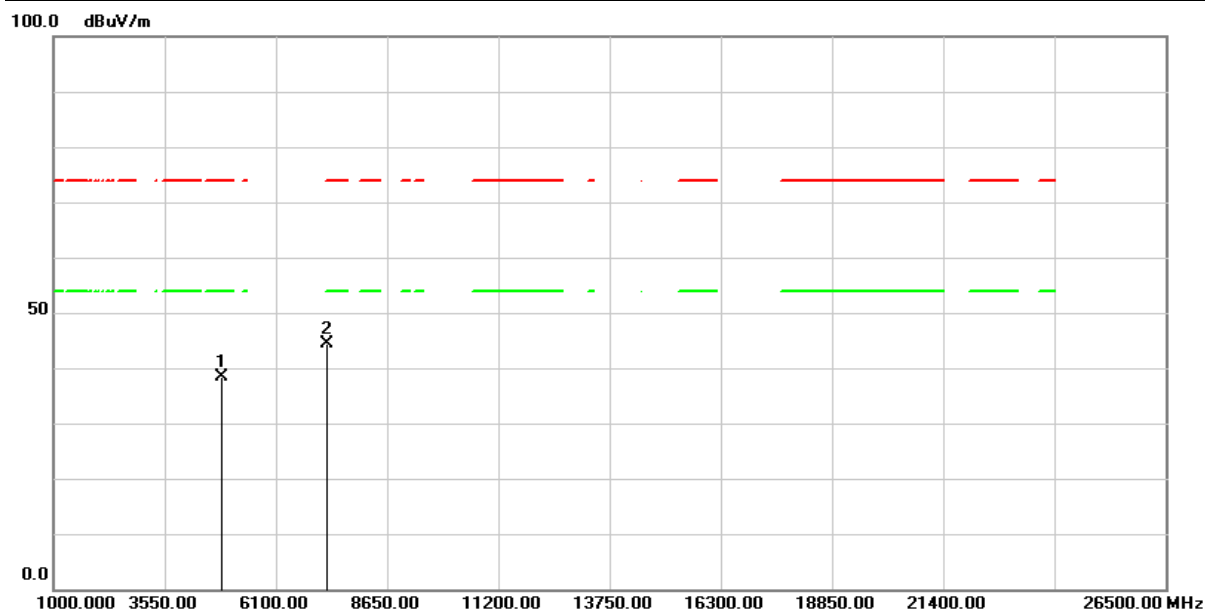


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	60.62	-19.82	40.80	74.00	-33.20	peak
2	7266.000	57.40	-13.71	43.69	74.00	-30.31	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 4 : Transmit (802.11n HT40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH03 (2422MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %



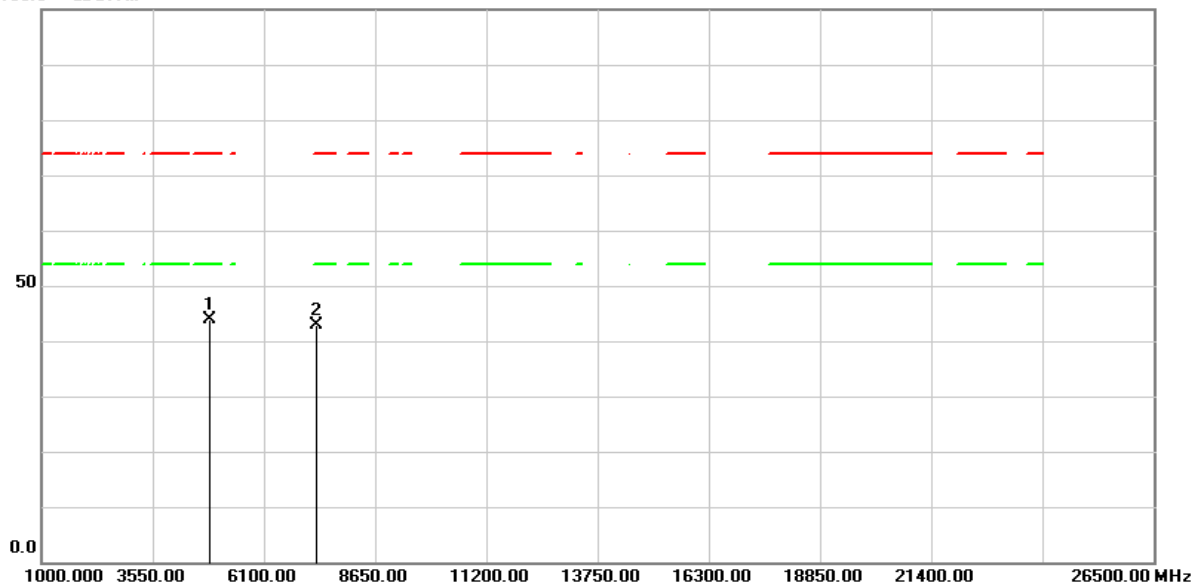
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	58.18	-19.82	38.36	74.00	-35.64	peak
2	7266.000	58.12	-13.71	44.41	74.00	-29.59	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 4 : Transmit (802.11n HT40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH06 (2437MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %

100.0 dBuV/m

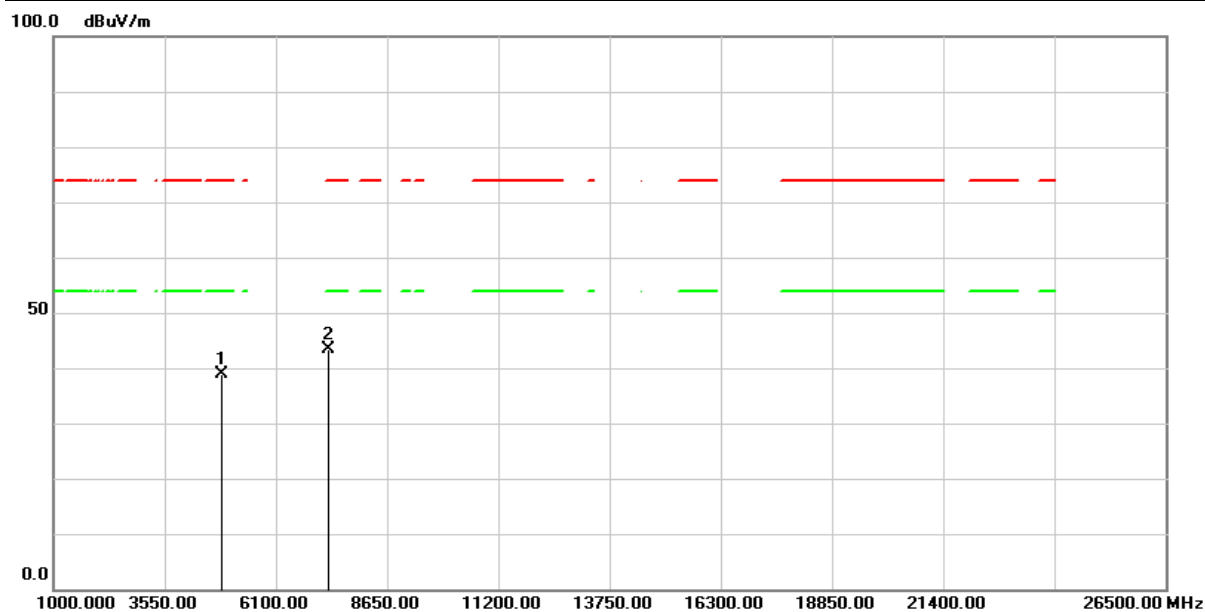


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	63.74	-19.83	43.91	74.00	-30.09	peak
2	7311.000	56.34	-13.54	42.80	74.00	-31.20	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 4 : Transmit (802.11n HT40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH06 (2437MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %

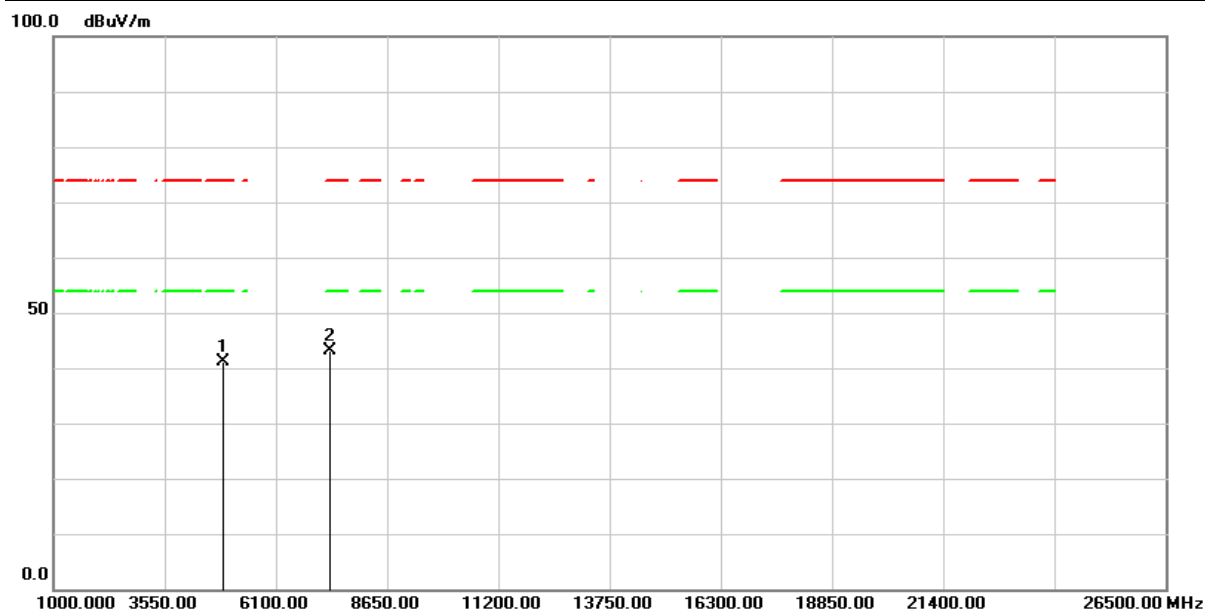


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	58.82	-19.83	38.99	74.00	-35.01	peak
2	7311.000	56.98	-13.54	43.44	74.00	-30.56	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 4 : Transmit (802.11n HT40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH09 (2452MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %

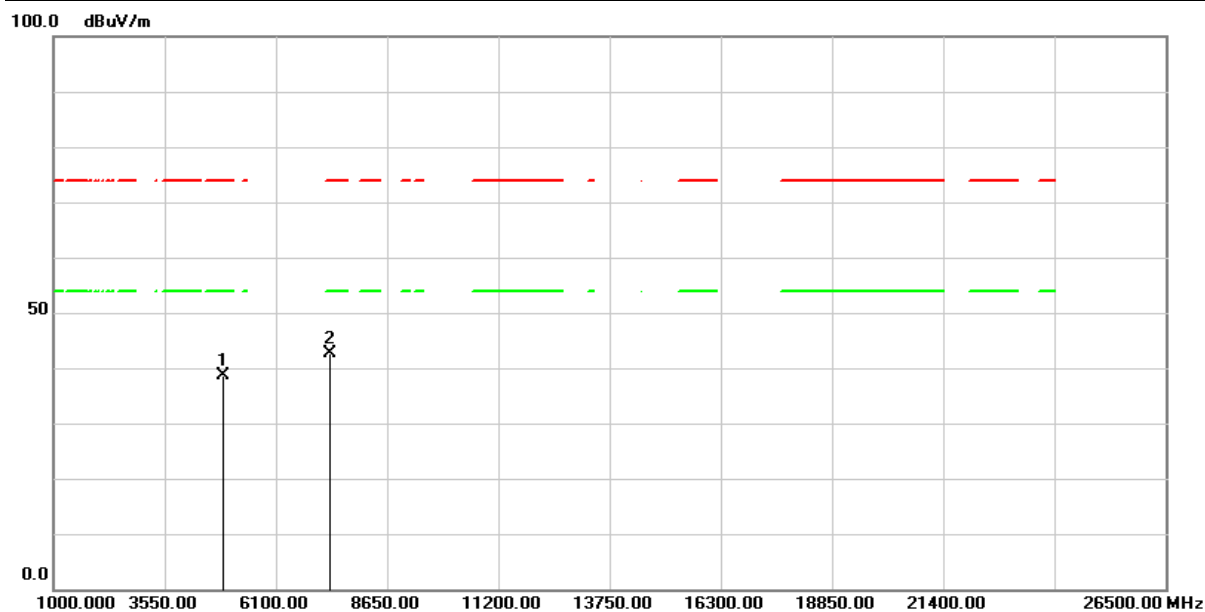


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	60.96	-19.82	41.14	74.00	-32.86	peak
2	7356.000	56.58	-13.52	43.06	74.00	-30.94	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 4 : Transmit (802.11n HT40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH09 (2452MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %

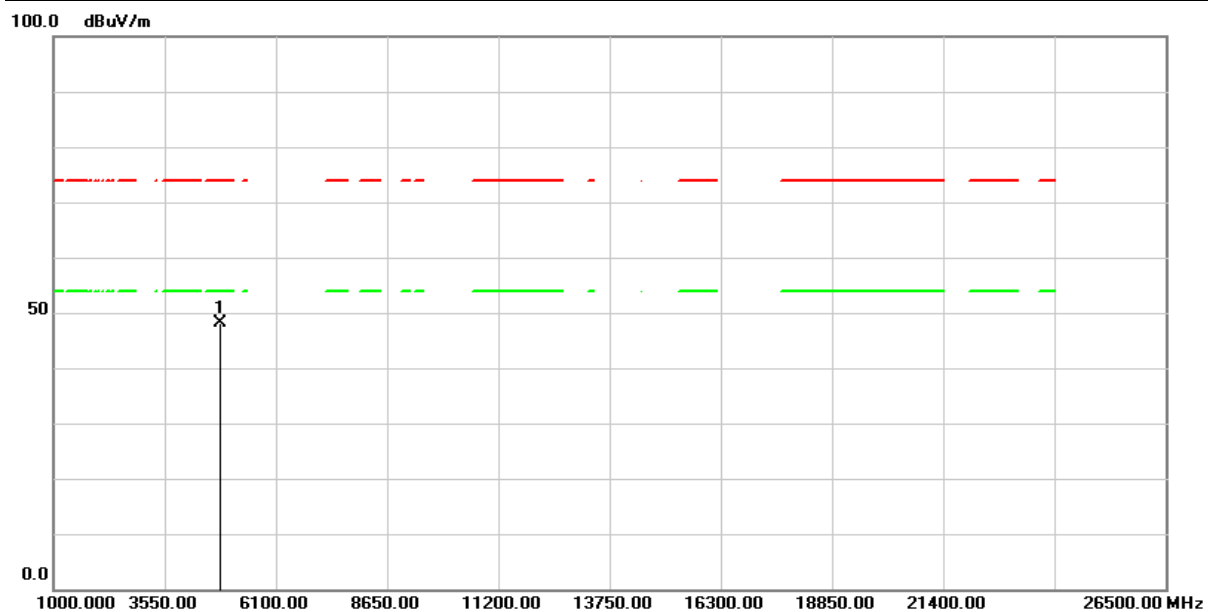


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	58.50	-19.82	38.68	74.00	-35.32	peak
2	7356.000	56.09	-13.52	42.57	74.00	-31.43	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 5 : Transmit (802.11ax HE20 MCS0)	Test Date :	2025/06/09
Test Channel :	CH01 (2412MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %



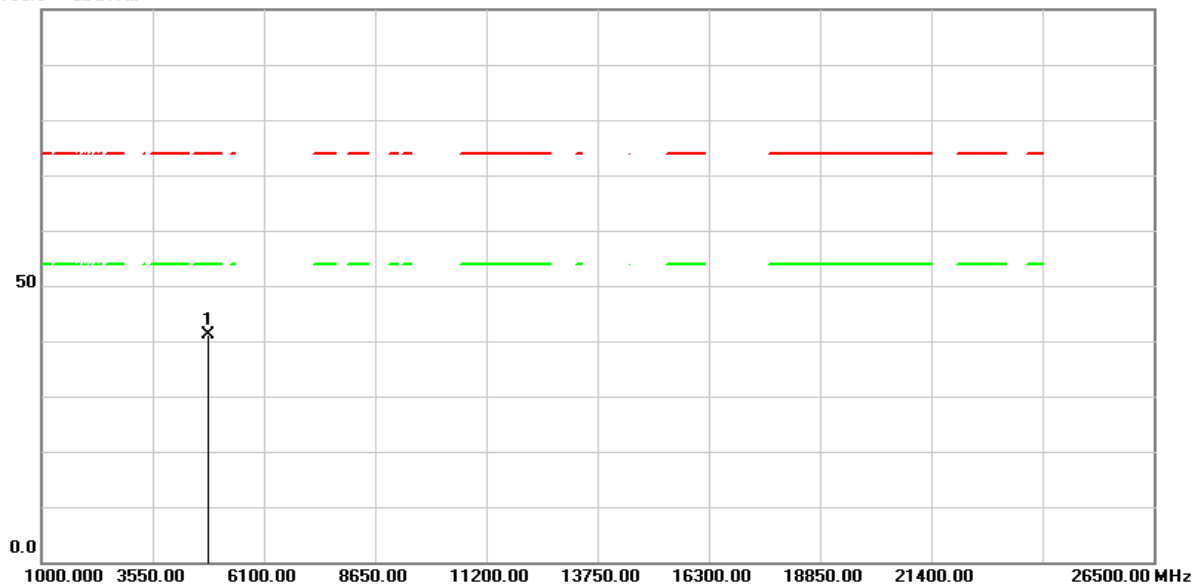
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	68.03	-19.82	48.21	74.00	-25.79	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 5 : Transmit (802.11ax HE20 MCS0)	Test Date :	2025/06/09
Test Channel :	CH01 (2412MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %

100.0 dBuV/m

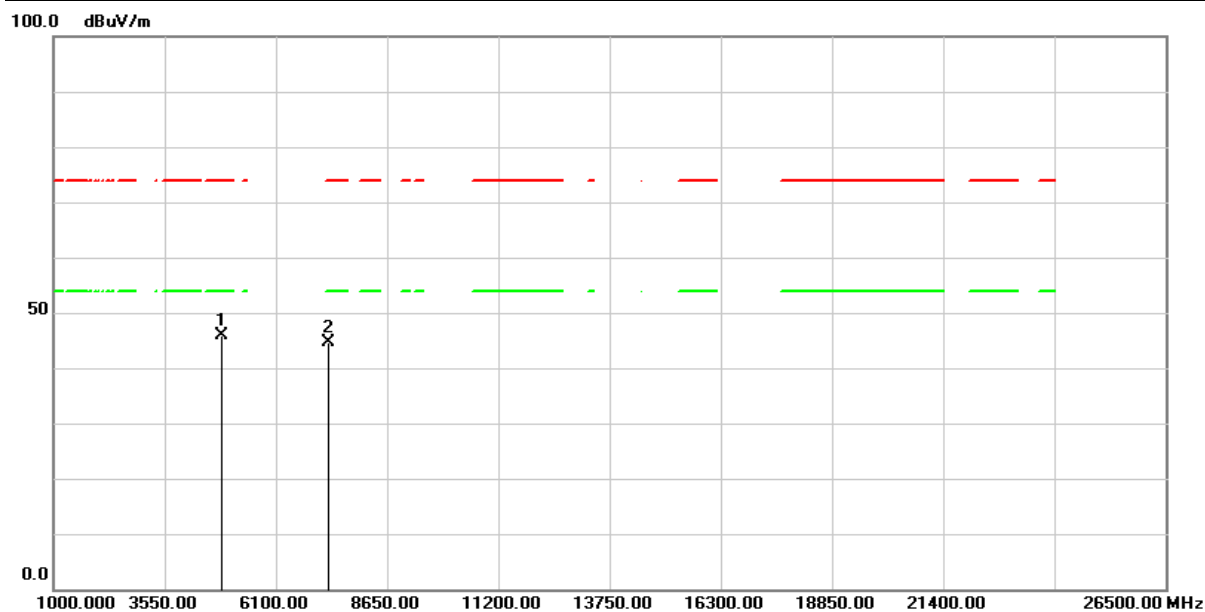


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	60.93	-19.82	41.11	74.00	-32.89	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 5 : Transmit (802.11ax HE20 MCS0)	Test Date :	2025/06/09
Test Channel :	CH06 (2437MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %



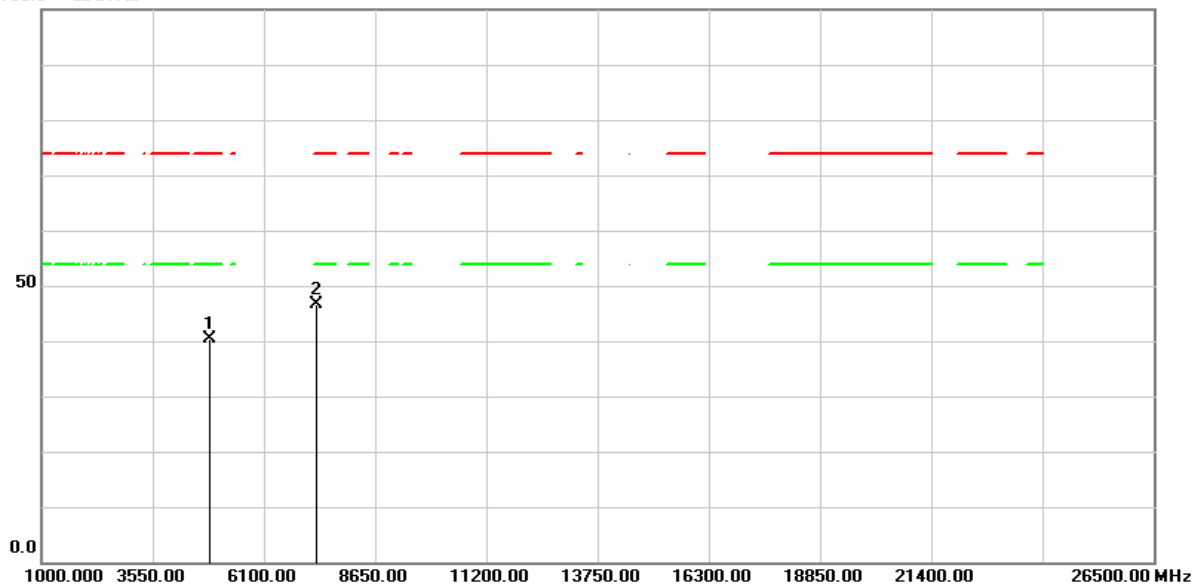
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	65.76	-19.83	45.93	74.00	-28.07	peak
2	7311.000	58.25	-13.54	44.71	74.00	-29.29	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 5 : Transmit (802.11ax HE20 MCS0)	Test Date :	2025/06/09
Test Channel :	CH06 (2437MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %

100.0 dBuV/m



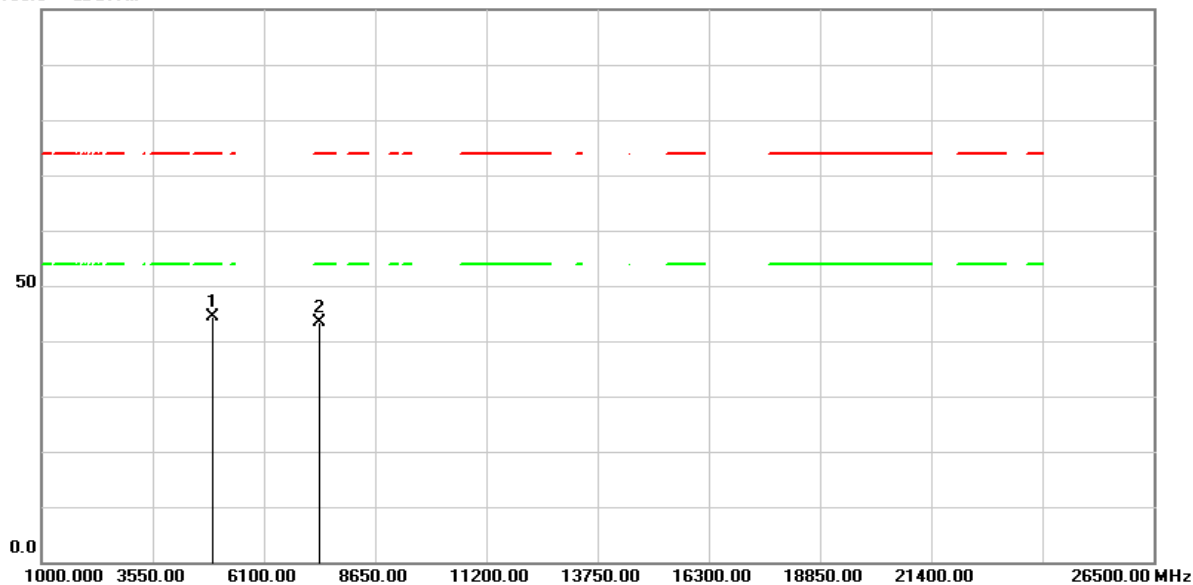
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	60.12	-19.83	40.29	74.00	-33.71	peak
2	7311.000	60.06	-13.54	46.52	74.00	-27.48	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 5 : Transmit (802.11ax HE20 MCS0)	Test Date :	2025/06/09
Test Channel :	CH11 (2462MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %

100.0 dBuV/m

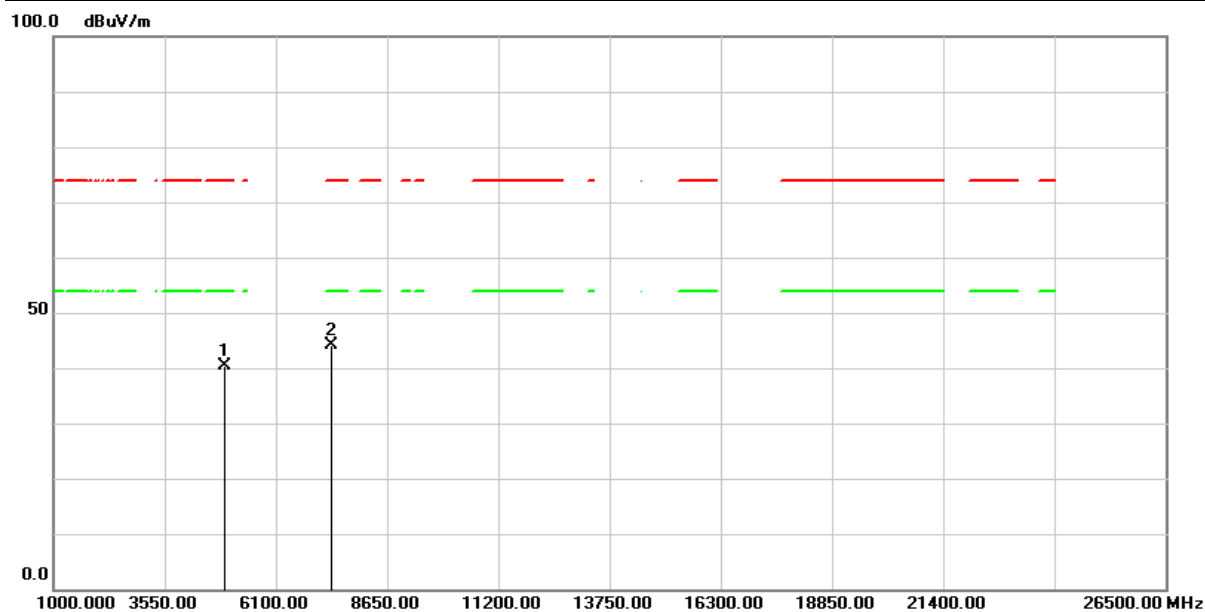


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	64.09	-19.79	44.30	74.00	-29.70	peak
2	7386.000	56.90	-13.50	43.40	74.00	-30.60	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 5 : Transmit (802.11ax HE20 MCS0)	Test Date :	2025/06/09
Test Channel :	CH11 (2462MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %

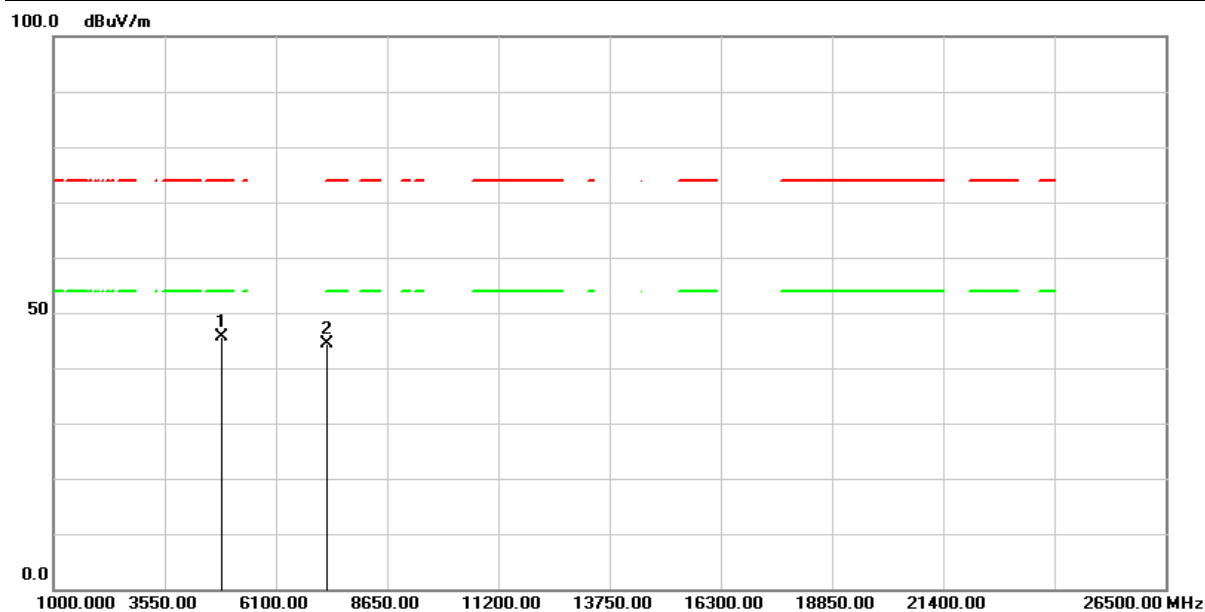


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	60.25	-19.79	40.46	74.00	-33.54	peak
2	7386.000	57.73	-13.50	44.23	74.00	-29.77	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 6 : Transmit (802.11ax HE40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH03 (2422MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %

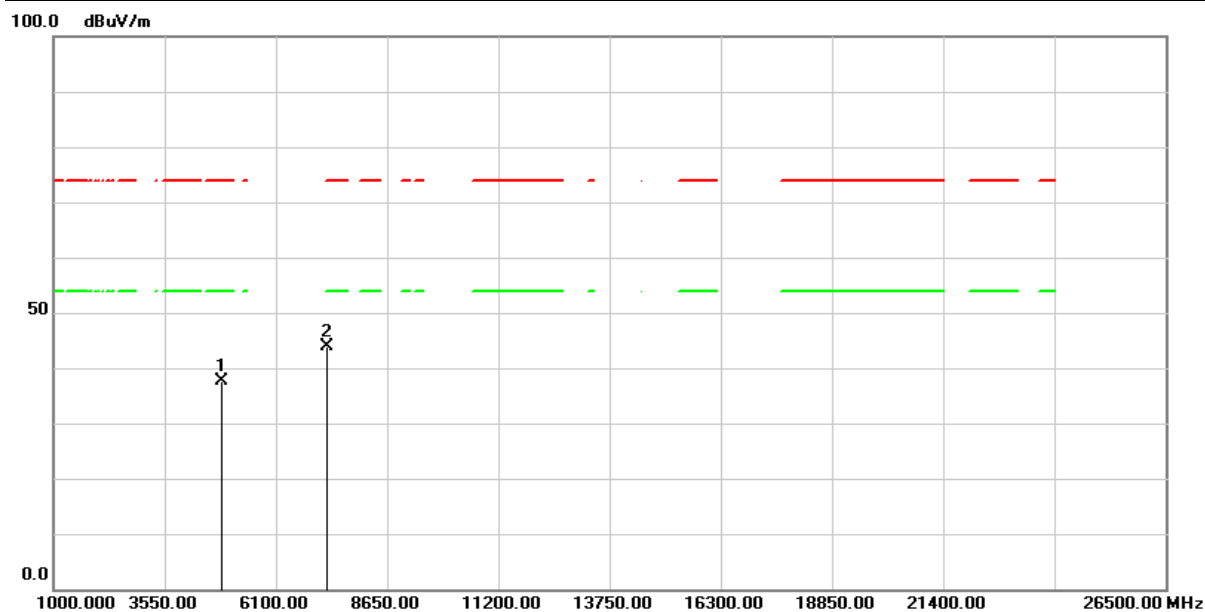


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	65.43	-19.82	45.61	74.00	-28.39	peak
2	7266.000	58.05	-13.71	44.34	74.00	-29.66	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 6 : Transmit (802.11ax HE40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH03 (2422MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %

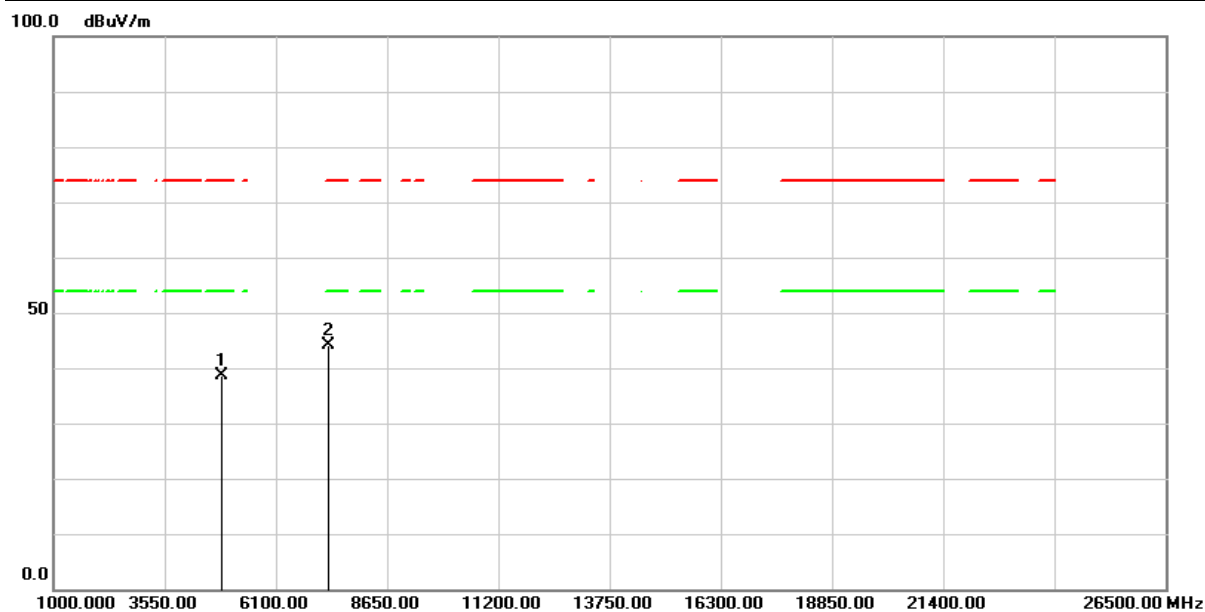


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	57.33	-19.82	37.51	74.00	-36.49	peak
2	7266.000	57.59	-13.71	43.88	74.00	-30.12	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 6 : Transmit (802.11ax HE40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH06 (2437MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %

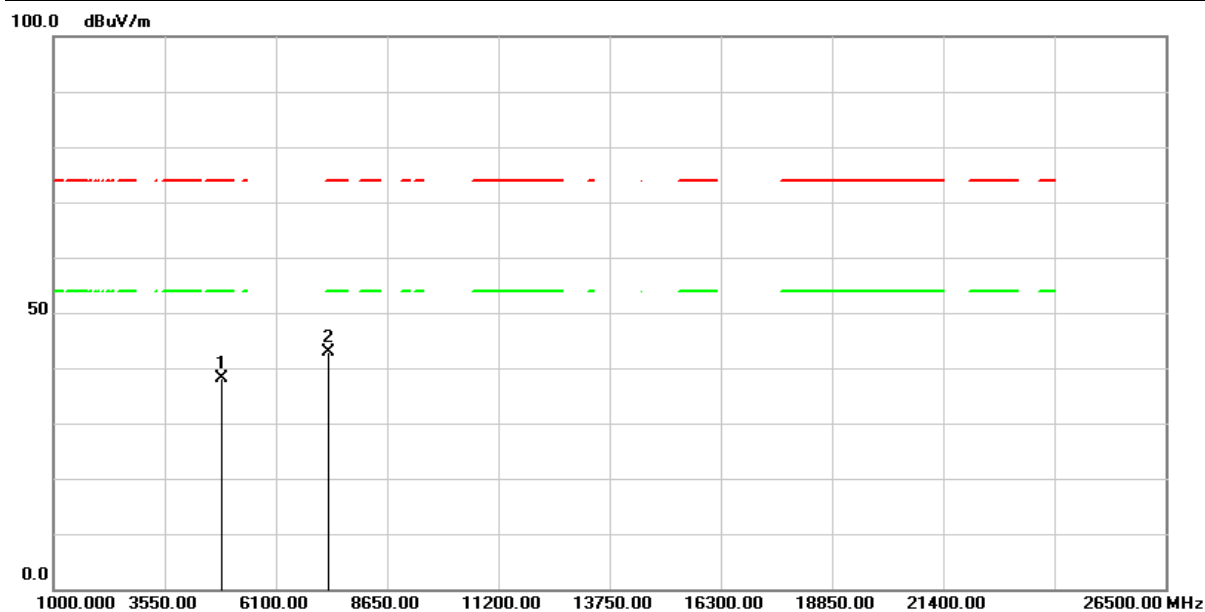


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	58.36	-19.83	38.53	74.00	-35.47	peak
2	7311.000	57.61	-13.54	44.07	74.00	-29.93	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 6 : Transmit (802.11ax HE40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH06 (2437MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %

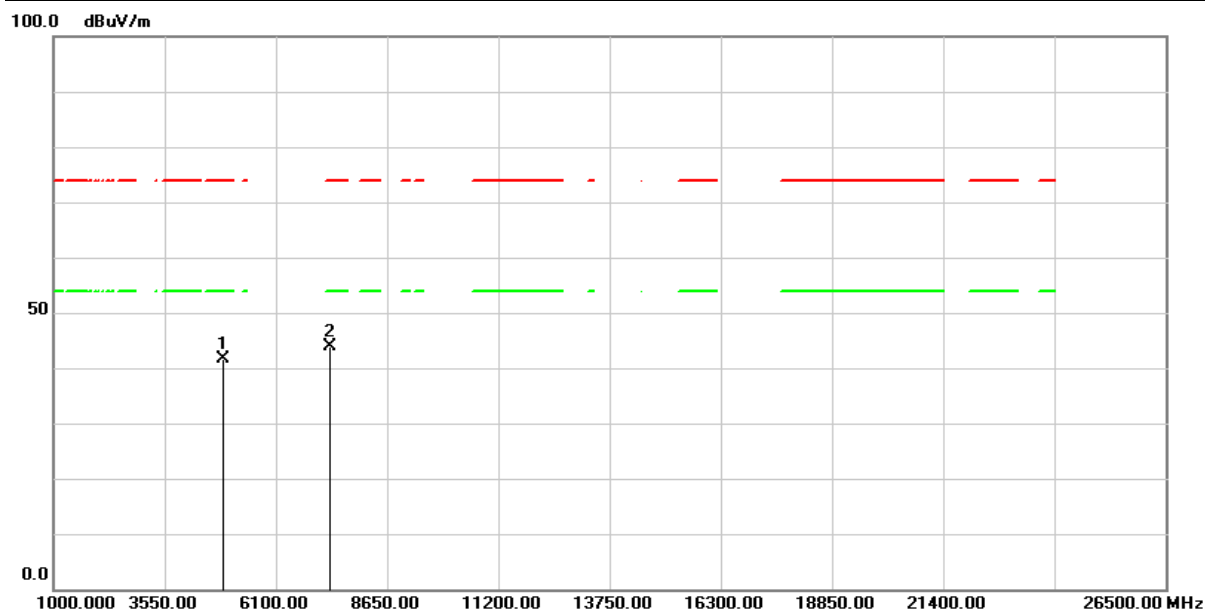


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	58.07	-19.83	38.24	74.00	-35.76	peak
2	7311.000	56.53	-13.54	42.99	74.00	-31.01	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 6 : Transmit (802.11ax HE40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH09 (2452MHz)	Temperature :	23.1 °C
Polarization :	Horizontal	Relative Humidity :	46.2 %

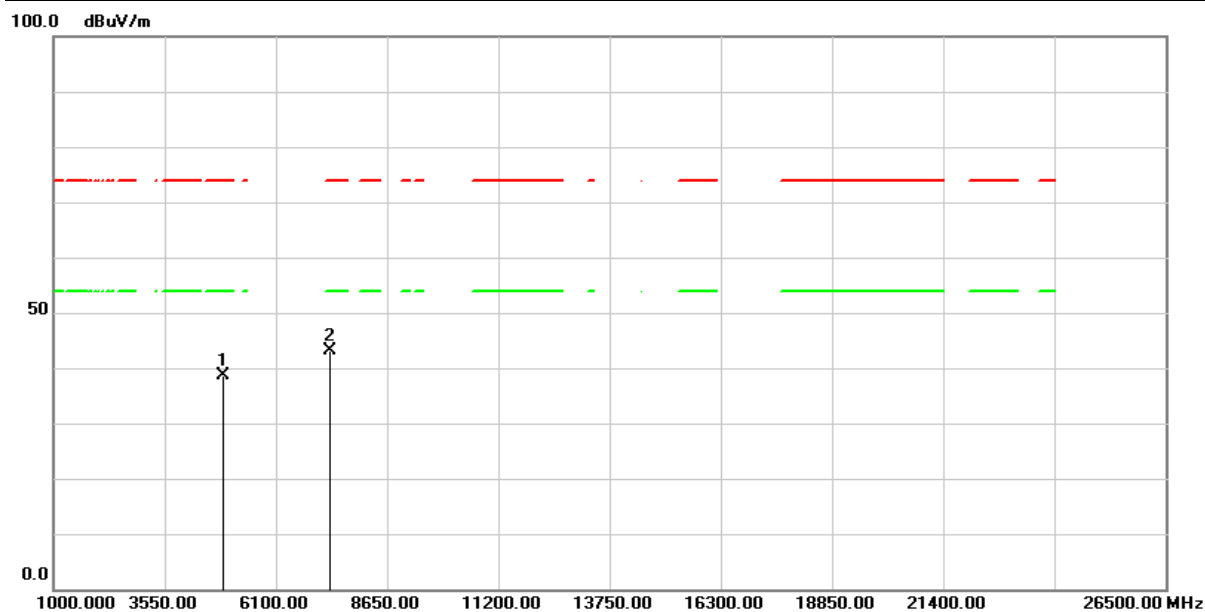


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	61.53	-19.82	41.71	74.00	-32.29	peak
2	7356.000	57.33	-13.52	43.81	74.00	-30.19	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 6 : Transmit (802.11ax HE40 MCS0)	Test Date :	2025/06/09
Test Channel :	CH09 (2452MHz)	Temperature :	23.1 °C
Polarization :	Vertical	Relative Humidity :	46.2 %



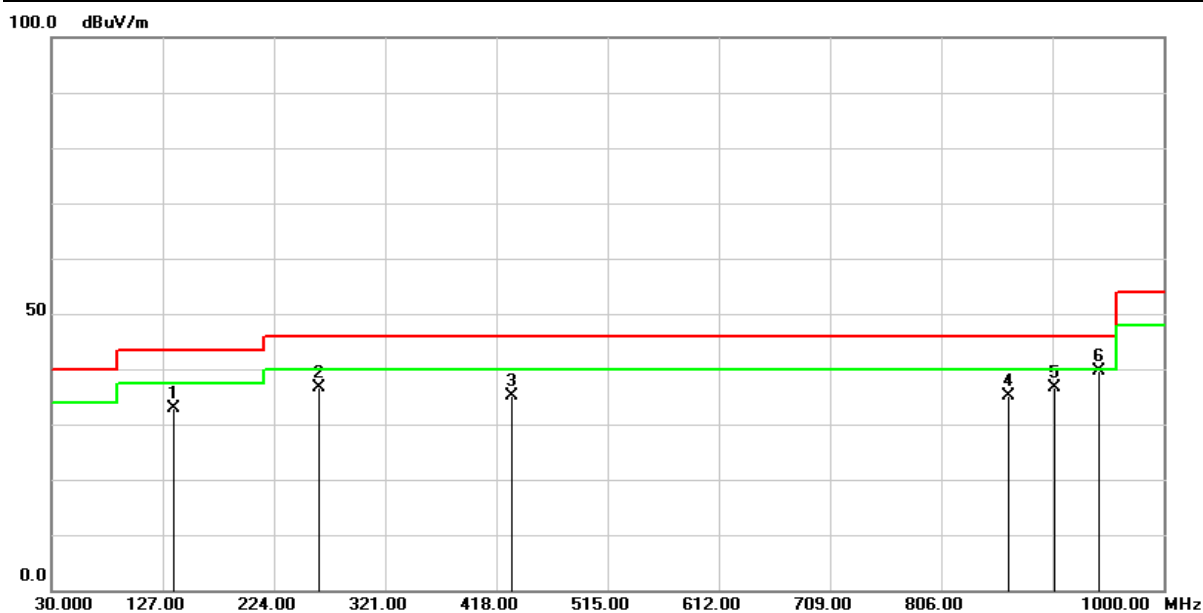
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	58.33	-19.82	38.51	74.00	-35.49	peak
2	7356.000	56.66	-13.52	43.14	74.00	-30.86	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Below 1GHz Data

Test Mode :	Mode 2 : Transmit (802.11g 6Mbps)	Test Date :	2025/06/12
Test Channel :	CH06 (2437MHz)	Temperature :	22.8 °C
Polarization :	Horizontal	Relative Humidity :	41.9 %

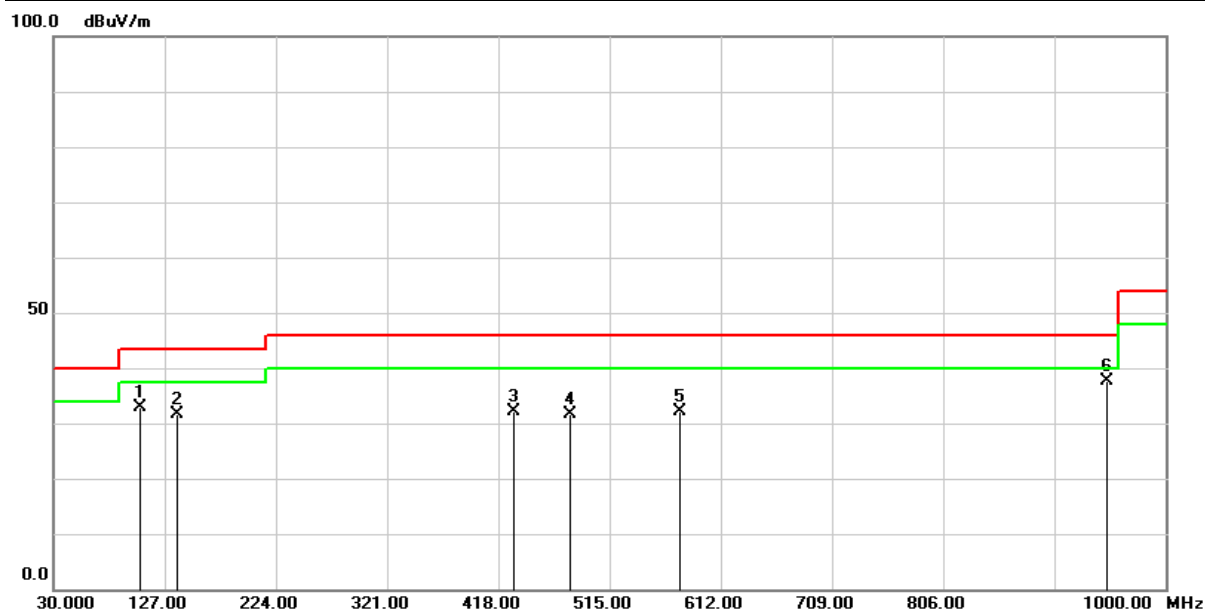


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	136.7000	44.06	-11.10	32.96	43.50	-10.54	QP
2	263.7700	47.22	-10.62	36.60	46.00	-9.40	QP
3	431.5800	39.99	-4.80	35.19	46.00	-10.81	QP
4	864.2000	30.70	4.43	35.13	46.00	-10.87	QP
5	904.9400	31.45	5.06	36.51	46.00	-9.49	QP
6	943.7400	33.77	5.77	39.54	46.00	-6.46	QP

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

Test Mode :	Mode 2 : Transmit (802.11g 6Mbps)	Test Date :	2025/06/12
Test Channel :	CH06 (2437MHz)	Temperature :	22.8 °C
Polarization :	Vertical	Relative Humidity :	41.9 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	105.6600	47.17	-14.40	32.77	43.50	-10.73	QP
2	137.6700	42.53	-10.93	31.60	43.50	-11.90	QP
3	431.5800	36.95	-4.80	32.15	46.00	-13.85	QP
4	480.0800	35.37	-3.76	31.61	46.00	-14.39	QP
5	576.1100	33.51	-1.33	32.18	46.00	-13.82	QP
6	948.5900	31.82	5.84	37.66	46.00	-8.34	QP

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit, they do not need to be reported.

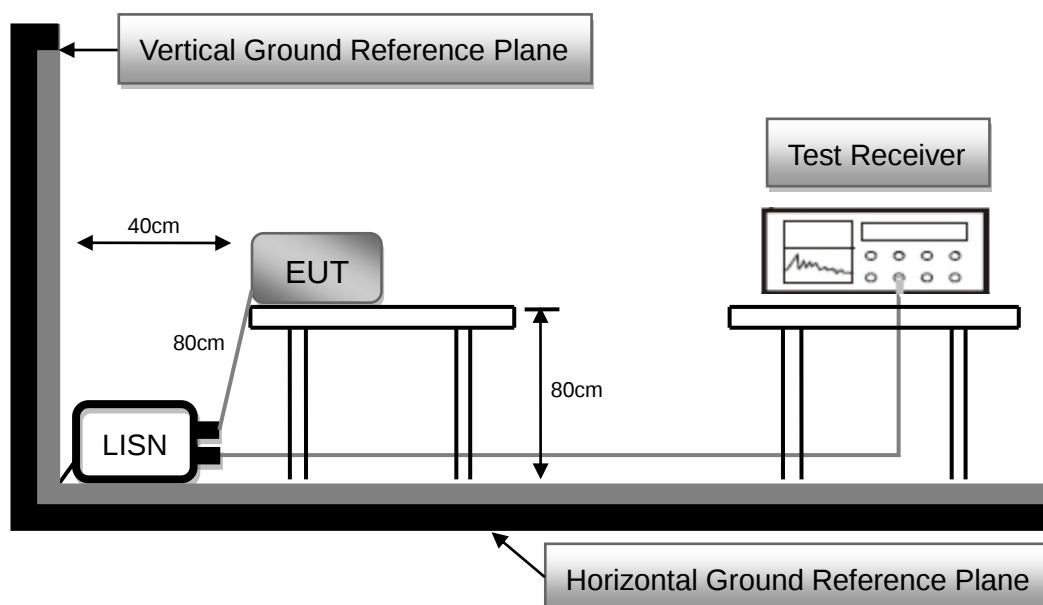
2.7 AC Conducted Emissions Measurement

2.7.1 Limit

Frequency (MHz)	FCC Part 15 Subpart C Paragraph 15.207 (dBμV) Limit	
	Quasi-peak	Average
0.15 to 0.5	66 to 56*	56 to 46*
0.50 to 5.0	56	46
5.0 to 30.0	60	50

*Decreases with the logarithm of the frequency

2.7.2 Test Setup

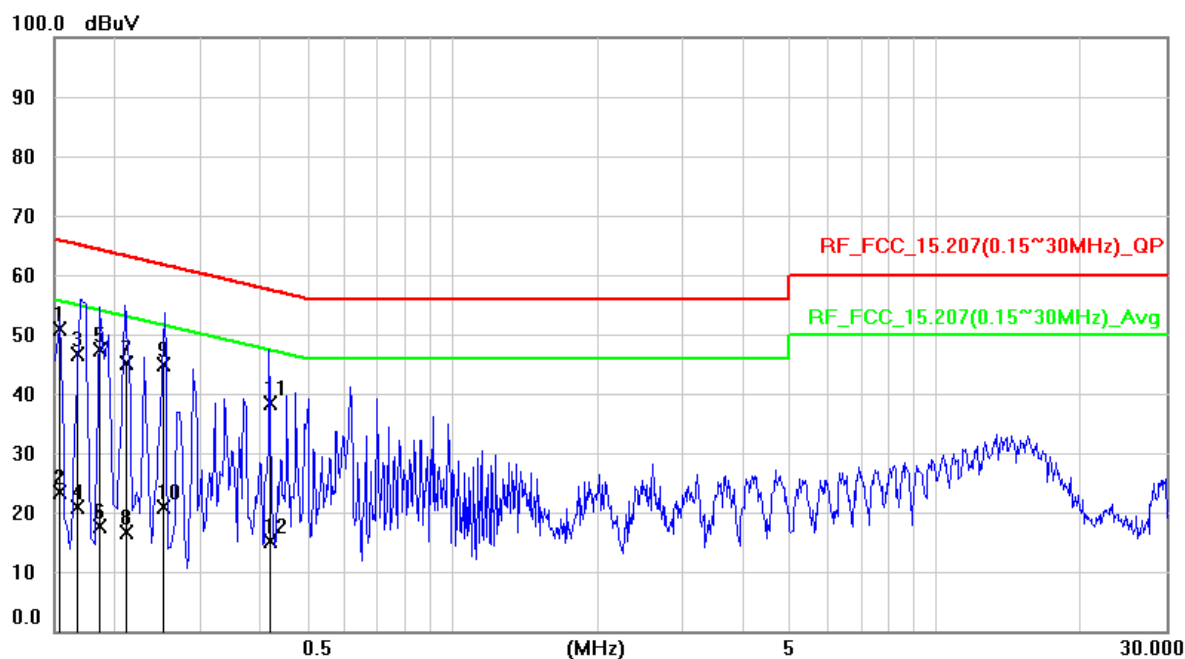


2.7.3 Test Procedure

1. Reference ANSI C63.10 : 2013 chapter 6.2
2. The EUT was placed 0.8 meter height wooden table from the horizontal ground plane with EUT being connected to power source through a line impedance stabilization network (LISN). The LISN at least be 80 cm from nearest chassis of EUT.
3. The line impedance stabilization network (LISN) provides 50 ohm/50uH of coupling impedance for the measuring instrument. All other support equipments powered from additional LISN(s).
4. Interrelating cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle. All I/O cables were positioned to simulate typical usage.
5. All I/O cables that are not connected to a peripheral shall be bundle in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
6. The EMI test receiver connected to LISN powering the EUT. The actual test configuration, please refer to EUT test photos.
7. The receiver scanned from 150kHz to 30MHz for emissions in each of test modes. Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz. A scan was taken on both power lines, Line and Neutral, recording at least six highest emissions.
8. The EUT and cable configuration of the above highest emission levels were recorded. The Test Data of the worst case was recorded.

2.7.4 Test Result

Test Voltage :	120Vac, 60Hz	Frequency Range:	0.15-30 MHz
Test Mode :	Normal Link	6dB Bandwidth :	9 kHz
Test Date :	2025/06/12	Phase :	L
Temperature :	24.6°C	Humidity :	51 %

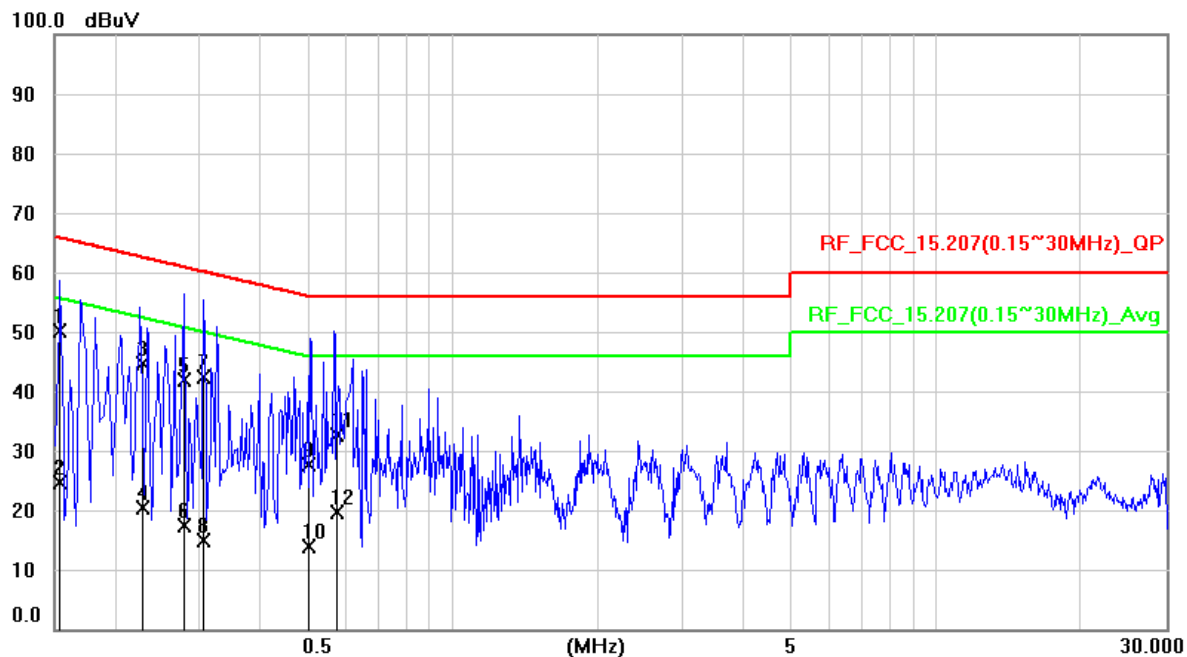


No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB)	Measurement (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.153	41.11	9.83	50.94	65.84	-14.9	QP
2	0.153	13.63	9.83	23.46	55.84	-32.38	AVG
3	0.1674	36.92	9.83	46.75	65.09	-18.34	QP
4	0.1674	11.05	9.83	20.88	55.09	-34.21	AVG
5	0.1853	37.56	9.82	47.38	64.24	-16.86	QP
6	0.1853	7.88	9.82	17.7	54.24	-36.54	AVG
7	0.2119	35.26	9.82	45.08	63.13	-18.05	QP
8	0.2119	6.76	9.82	16.58	53.13	-36.55	AVG
9	0.2511	35.18	9.82	45	61.72	-16.72	QP
10	0.2511	10.99	9.82	20.81	51.72	-30.91	AVG
11	0.4198	28.62	9.82	38.44	57.45	-19.01	QP
12	0.4198	5.39	9.82	15.21	47.45	-32.24	AVG

Remark:

1. QP = Quasi Peak, AVG = Average
2. Correction Factor = Insertion loss of LISN + Cable loss
3. Measurement Value = Reading Level + Correct Factor
4. Margin Level = Measurement Value – Limit Value

Test Voltage :	120Vac, 60Hz	Frequency Range:	0.15-30 MHz
Test Mode :	Normal Link	6dB Bandwidth :	9 kHz
Test Date :	2025/06/12	Phase :	N
Temperature :	24.6°C	Humidity :	51 %



No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB)	Measurement (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1528	40.29	9.84	50.13	65.85	-15.72	QP
2	0.1528	14.9	9.84	24.74	55.85	-31.11	AVG
3	0.2285	34.82	9.83	44.65	62.5	-17.85	QP
4	0.2285	10.65	9.83	20.48	52.5	-32.02	AVG
5	0.2782	32.07	9.84	41.91	60.87	-18.96	QP
6	0.2782	7.54	9.84	17.38	50.87	-33.49	AVG
7	0.3064	32.52	9.83	42.35	60.07	-17.72	QP
8	0.3064	5.03	9.83	14.86	50.07	-35.21	AVG
9	0.5037	17.68	9.83	27.51	56	-28.49	QP
10	0.5037	4.07	9.83	13.9	46	-32.1	AVG
11	0.5779	22.87	9.83	32.7	56	-23.3	QP
12	0.5779	9.79	9.83	19.62	46	-26.38	AVG

Remark:

1. QP = Quasi Peak, AVG = Average
2. Correction Factor = Insertion loss of LISN + Cable loss
3. Measurement Value = Reading Level + Correct Factor
4. Margin Level = Measurement Value –Limit Value

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