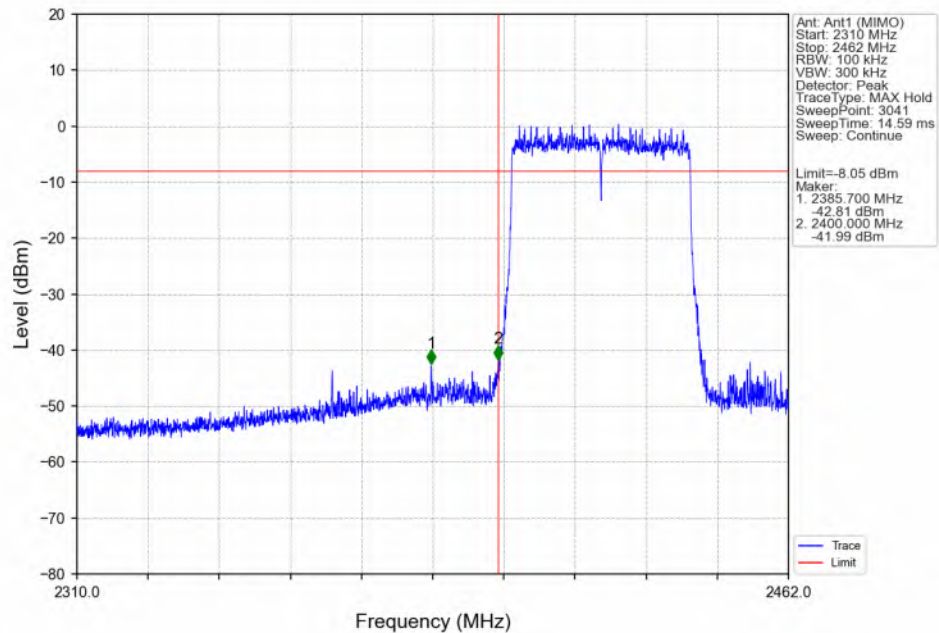
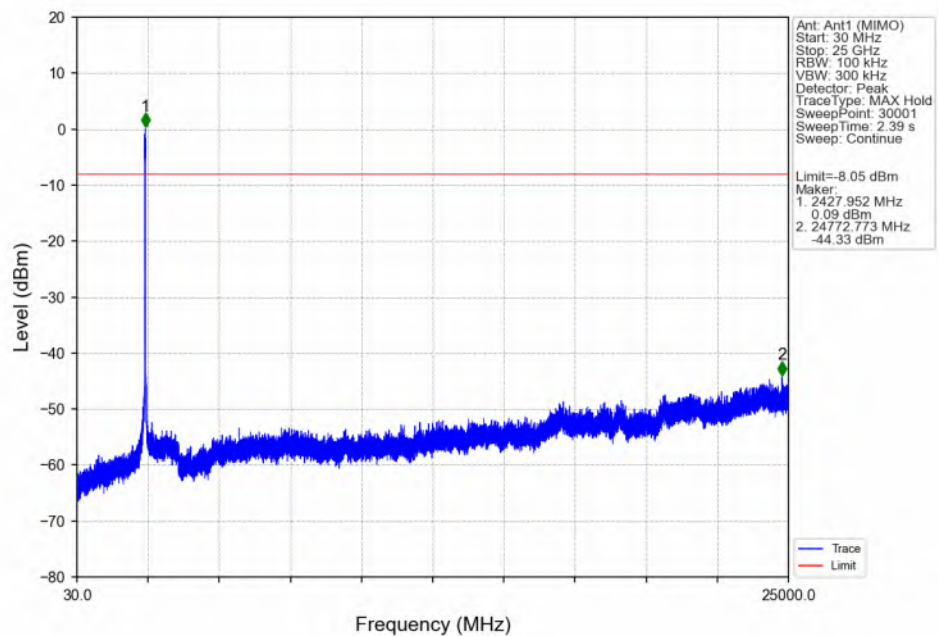


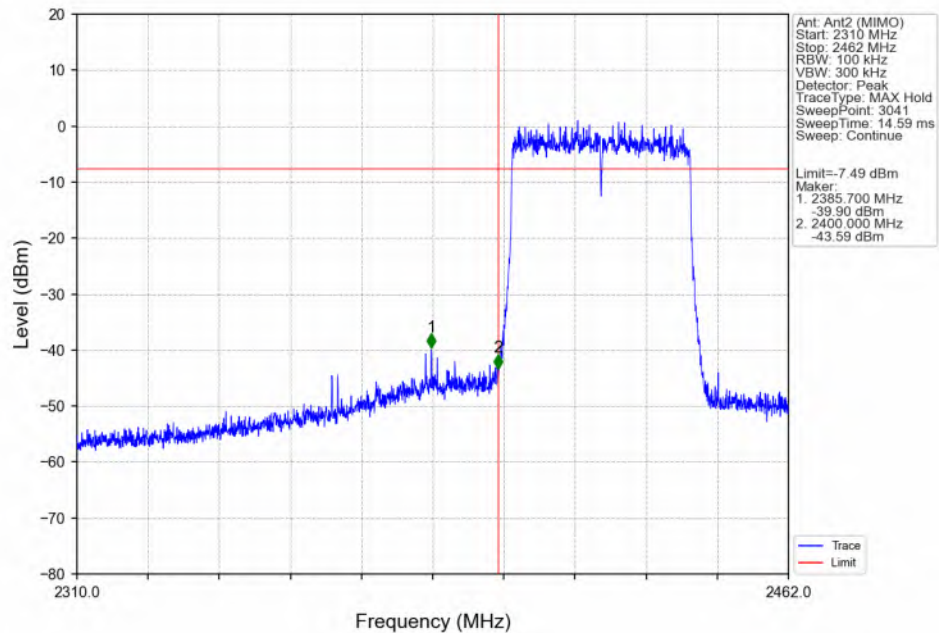
802.11be(EHT40)_LCH_2422MHz_RU484_Left(65)_Ant1 (MIMO)_NTNV



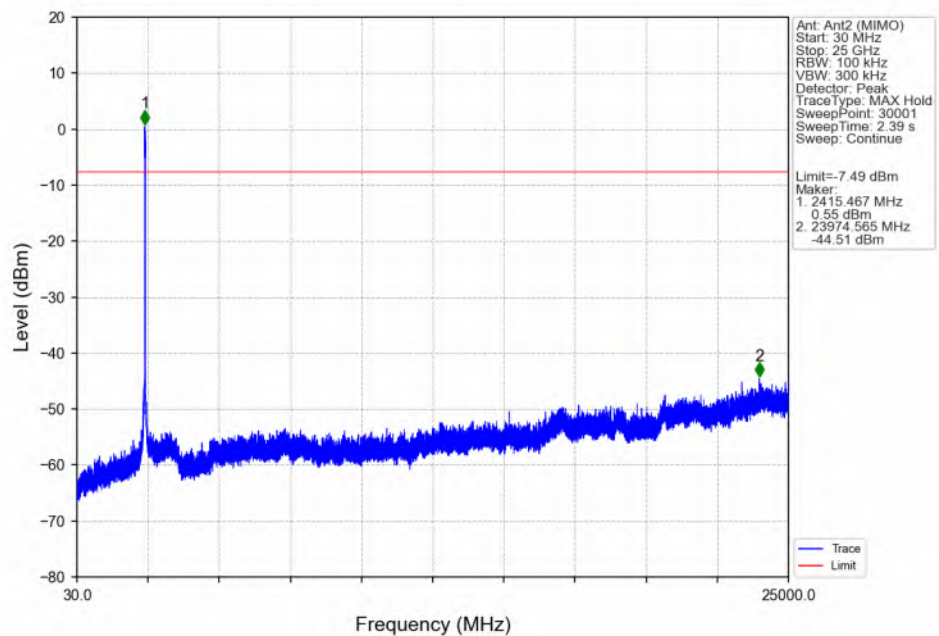
802.11be(EHT40)_LCH_2422MHz_RU484_Left(65)_Ant1 (MIMO)_NTNV



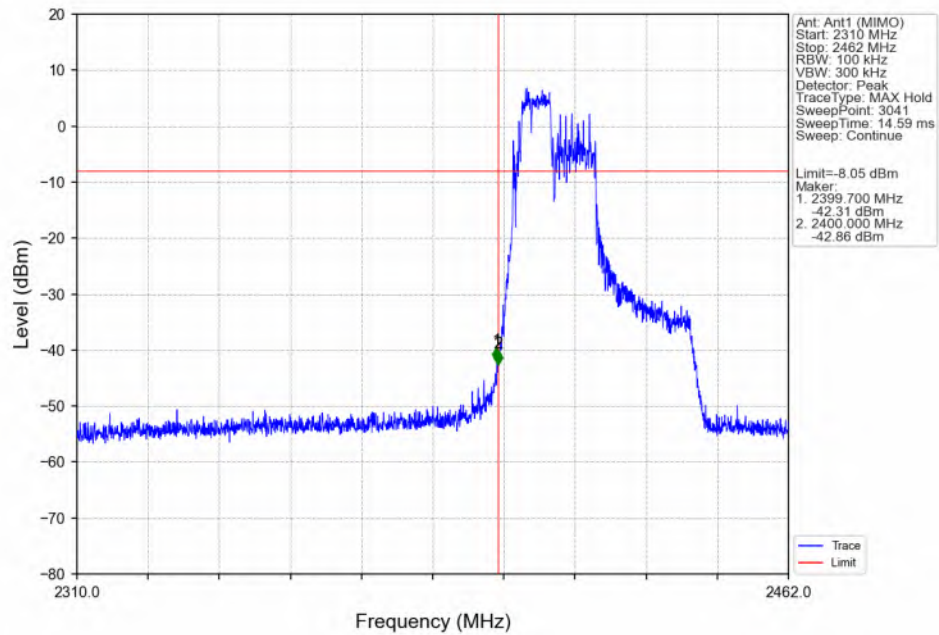
802.11be(EHT40)_LCH_2422MHz_RU484_Left(65)_Ant2 (MIMO)_NTNV



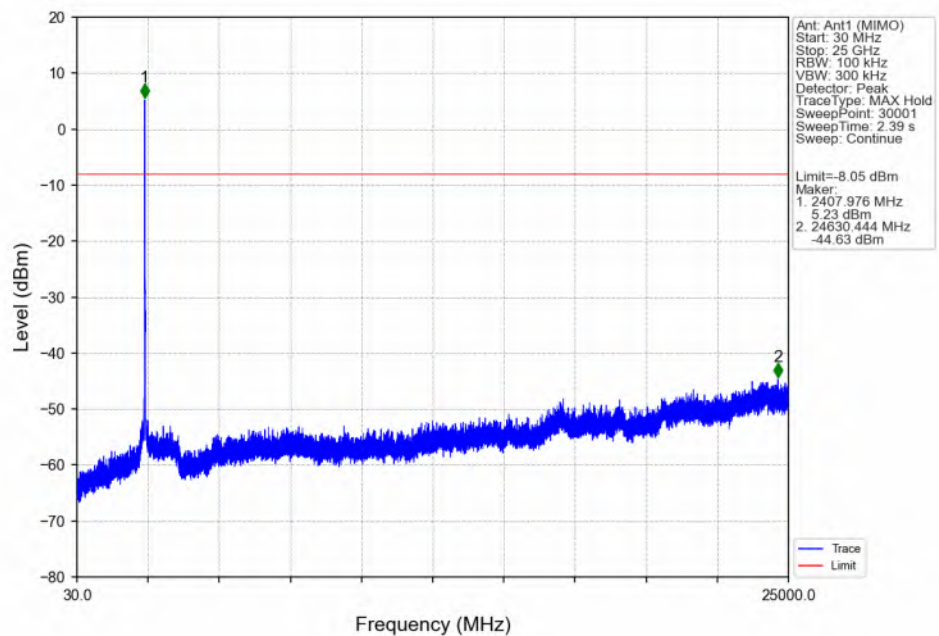
802.11be(EHT40)_LCH_2422MHz_RU484_Left(65)_Ant2 (MIMO)_NTNV



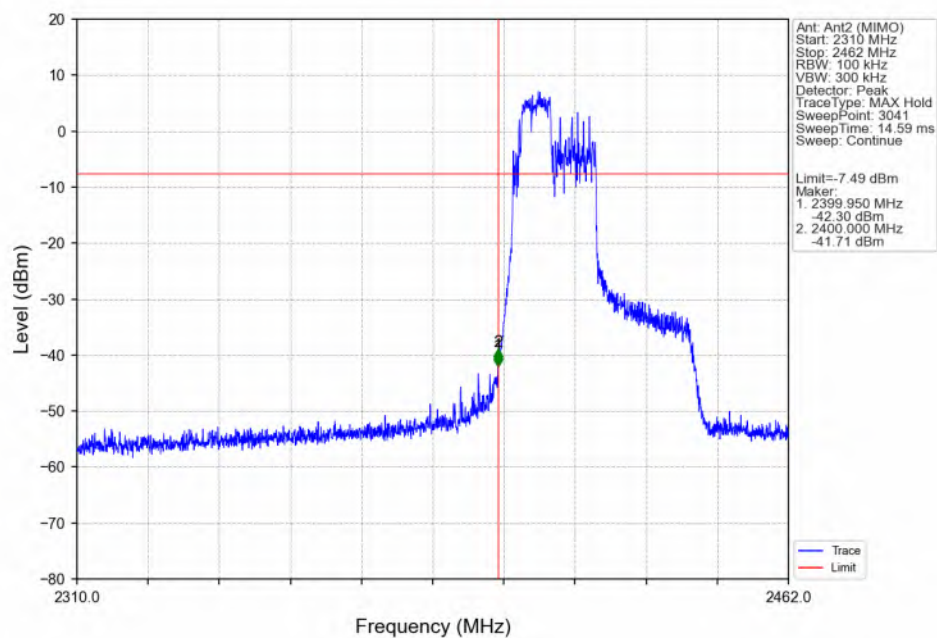
802.11be(EHT40)_LCH_2422MHz_26+52 / Ant1 (MIMO)_NTNV



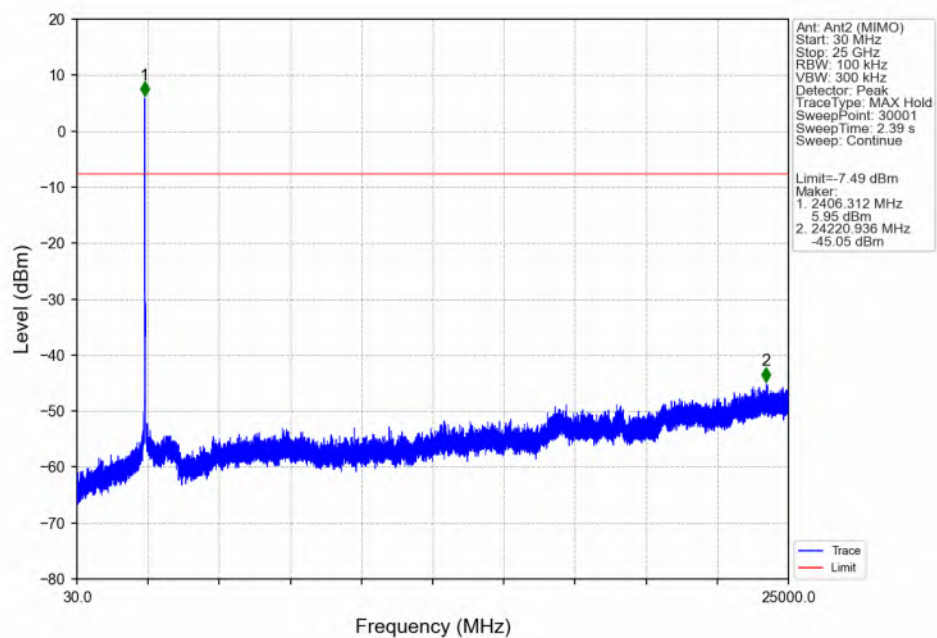
802.11be(EHT40)_LCH_2422MHz_26+52 / Ant1 (MIMO)_NTNV



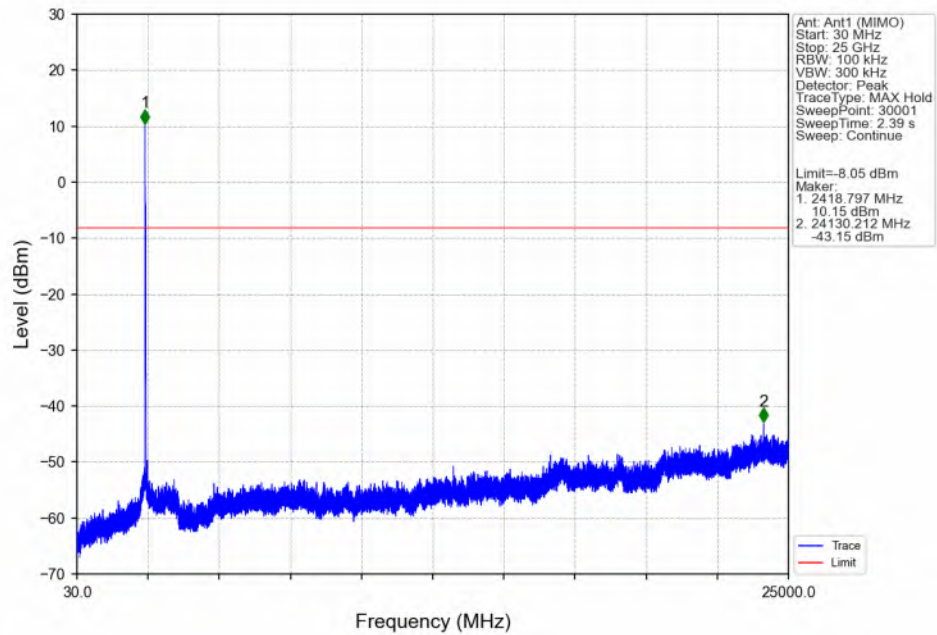
802.11be(EHT40)_LCH_2422MHz_26+52 / Ant2 (MIMO)_NTNV



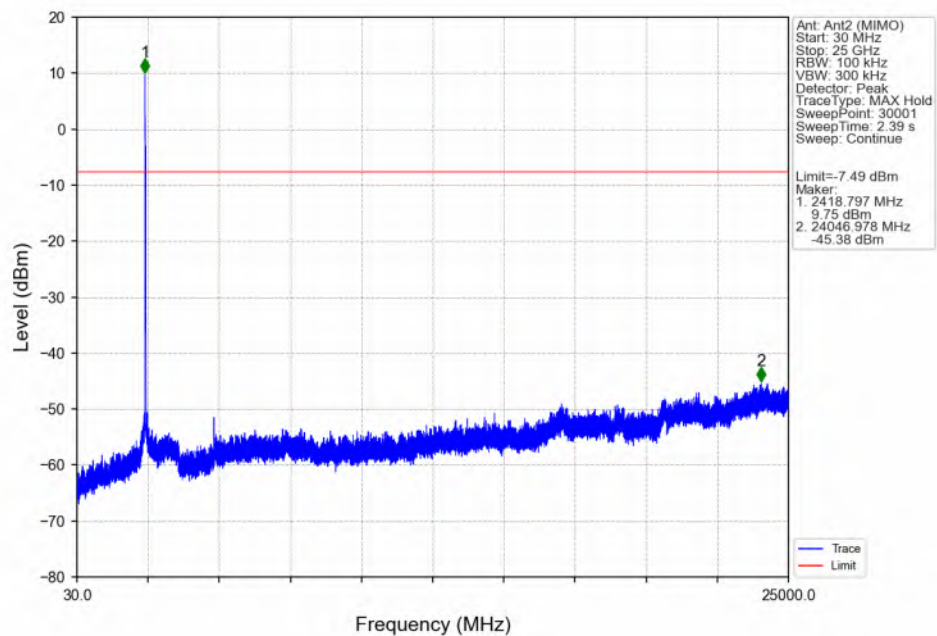
802.11be(EHT40)_LCH_2422MHz_26+52 / Ant2 (MIMO)_NTNV



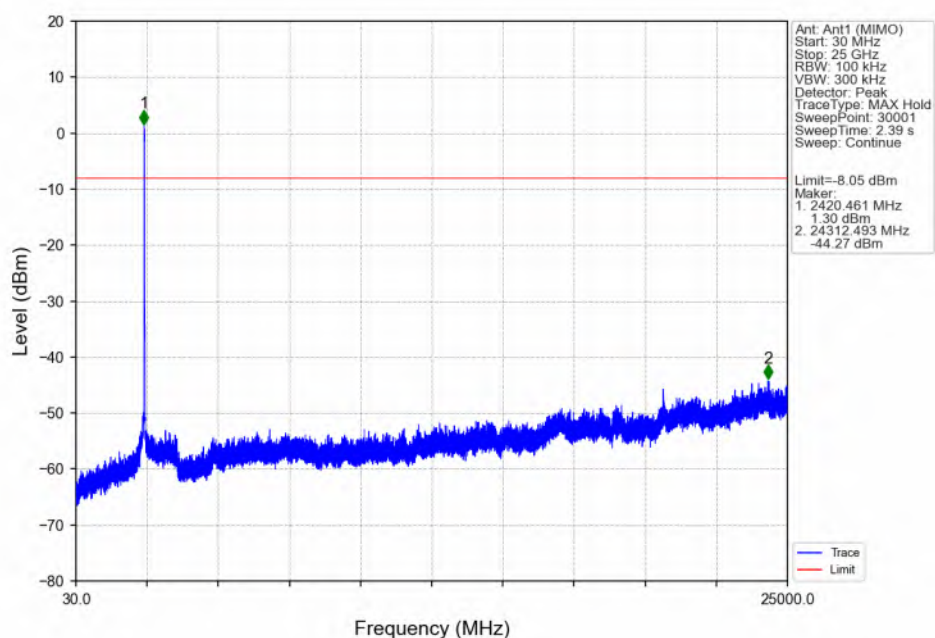
802.11be(EHT40)_MCH_2437MHz_RU26_Left(0)_Ant1 (MIMO)_NTNV



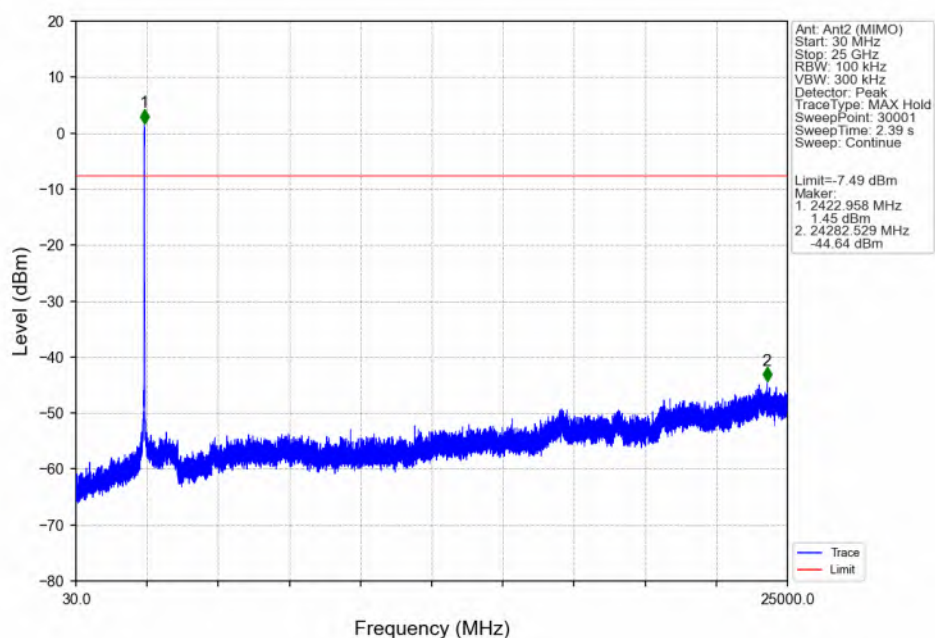
802.11be(EHT40)_MCH_2437MHz_RU26_Left(0)_Ant2 (MIMO)_NTNV



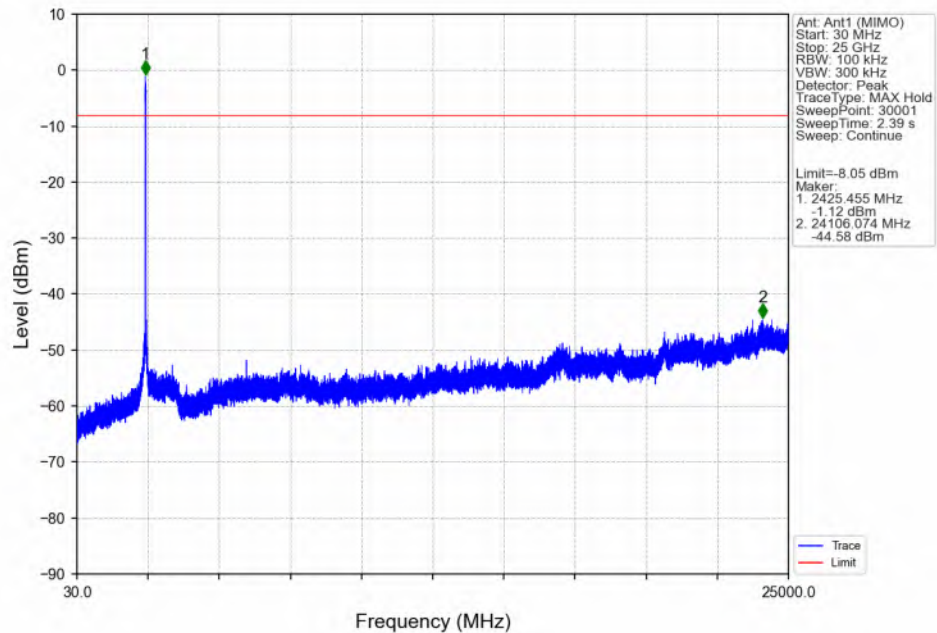
802.11be(EHT40)_MCH_2437MHz_RU242_Left(61)_Ant1 (MIMO) NTN



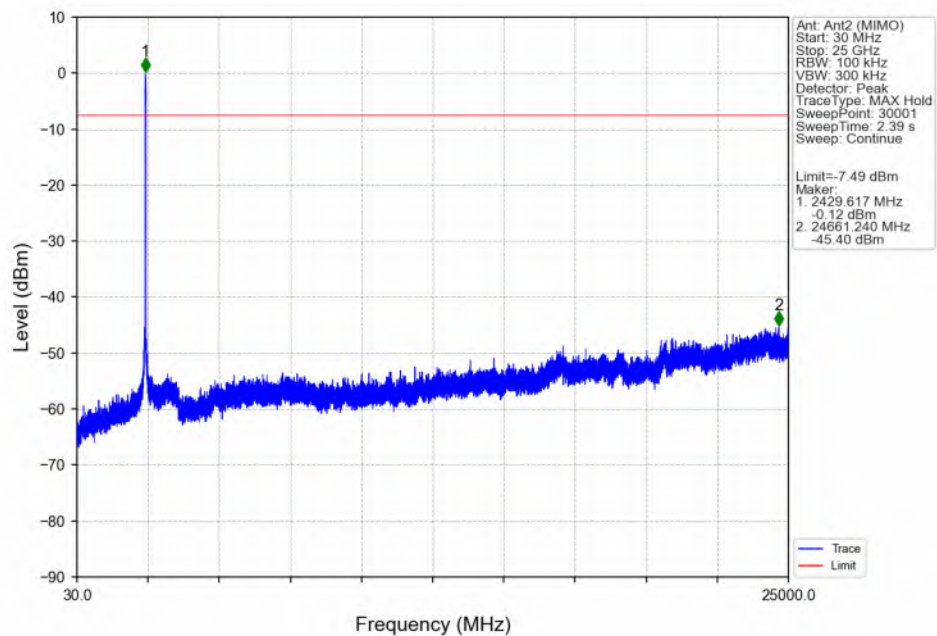
802.11be(EHT40)_MCH_2437MHz_RU242_Left(61)_Ant2 (MIMO) NTN



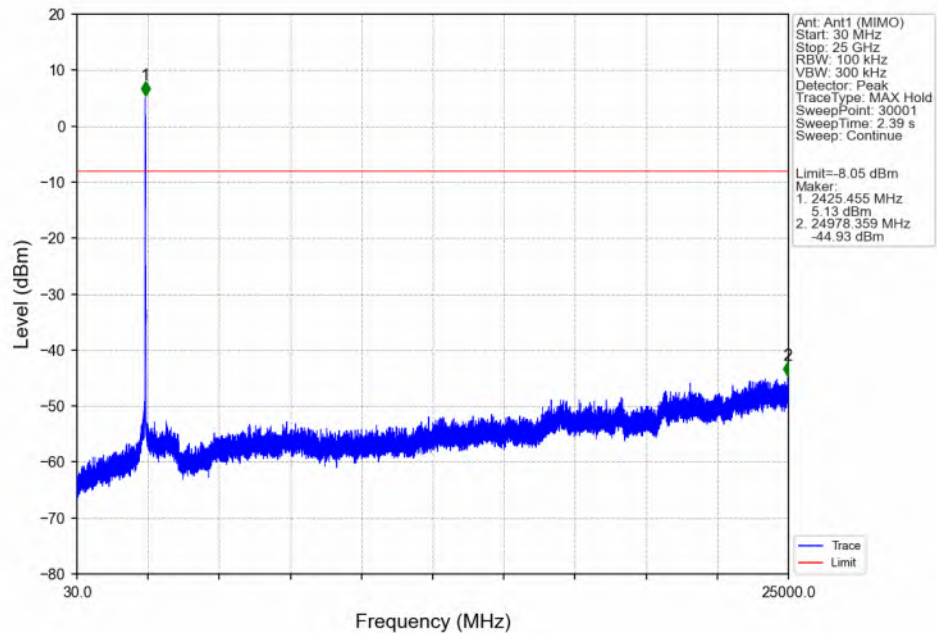
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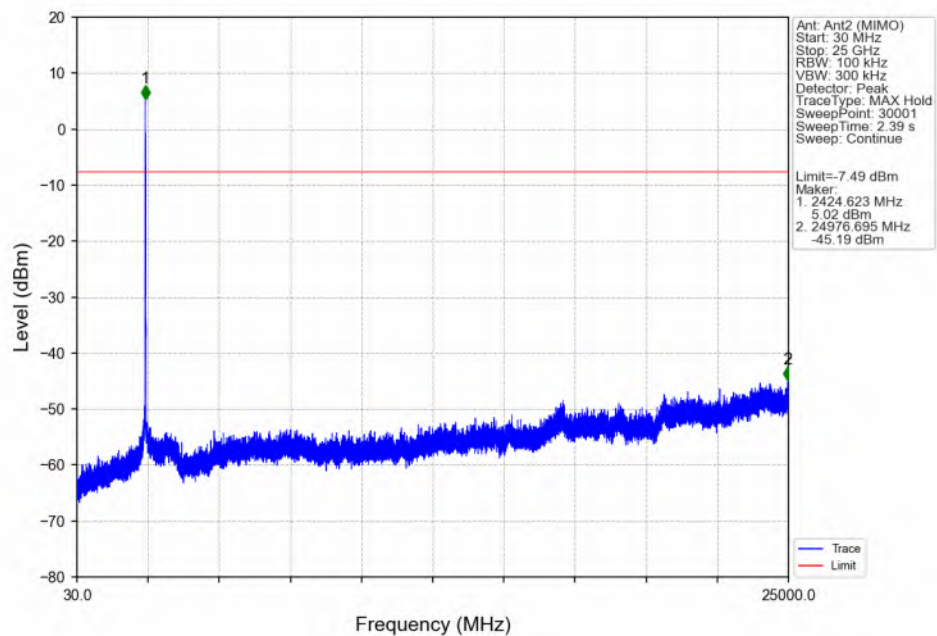
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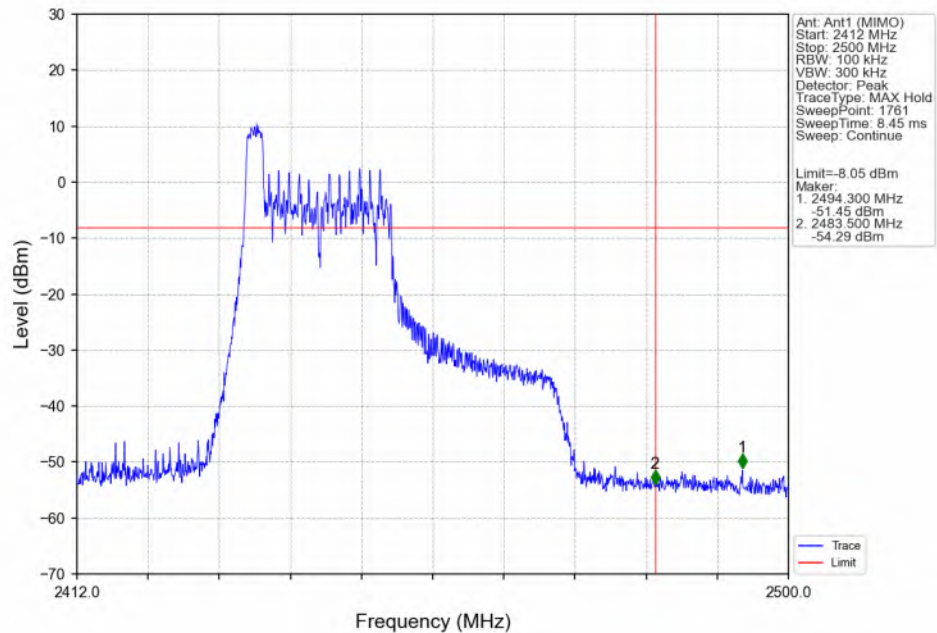
802.11be(EHT40)_MCH_2437MHz_26+52_ / Ant1 (MIMO)_NTNV



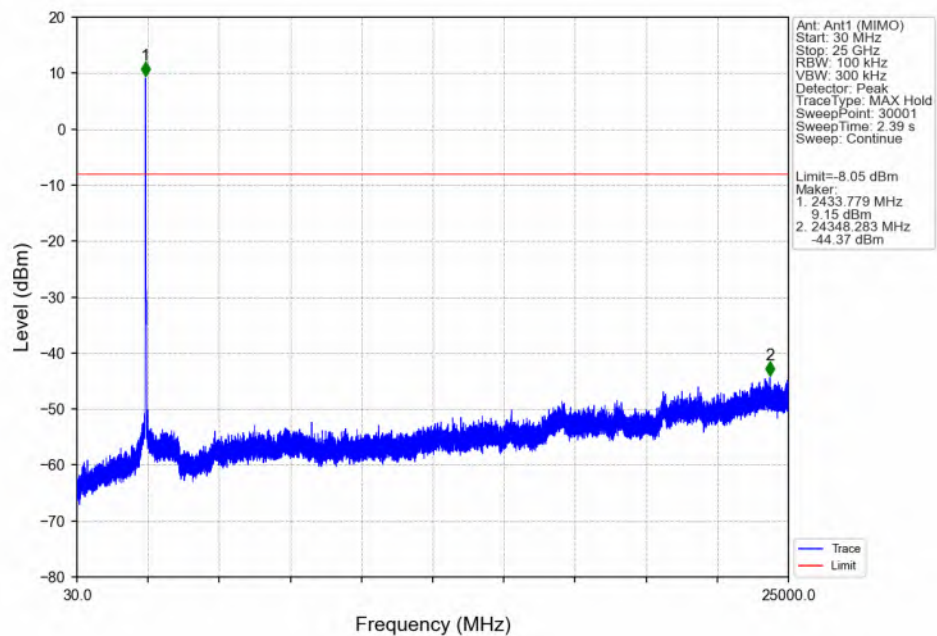
802.11be(EHT40)_MCH_2437MHz_26+52_ / Ant2 (MIMO)_NTNV



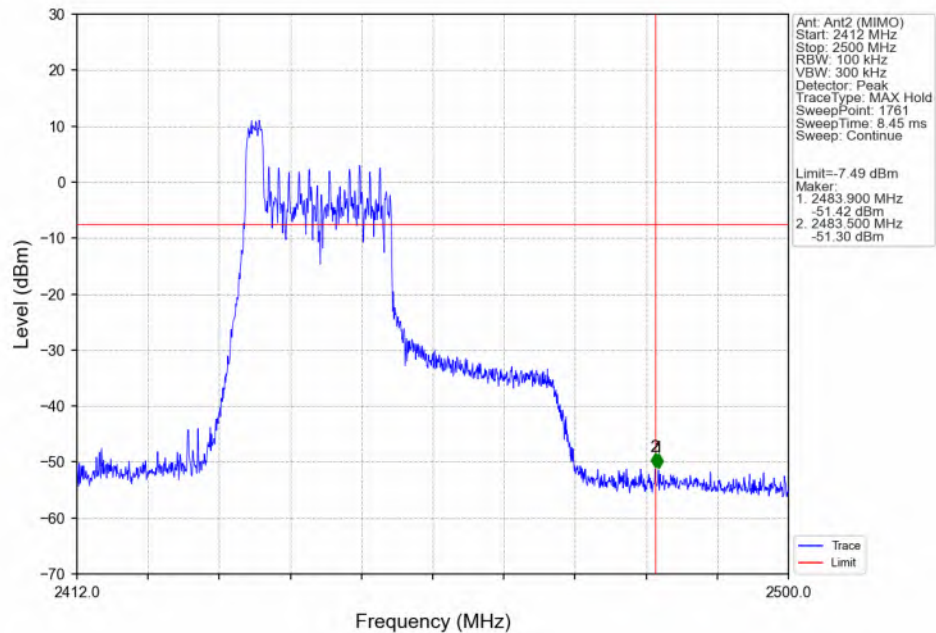
802.11be(EHT40)_HCH_2452MHz_RU26_Left(0)_Ant1 (MIMO)_NTNV



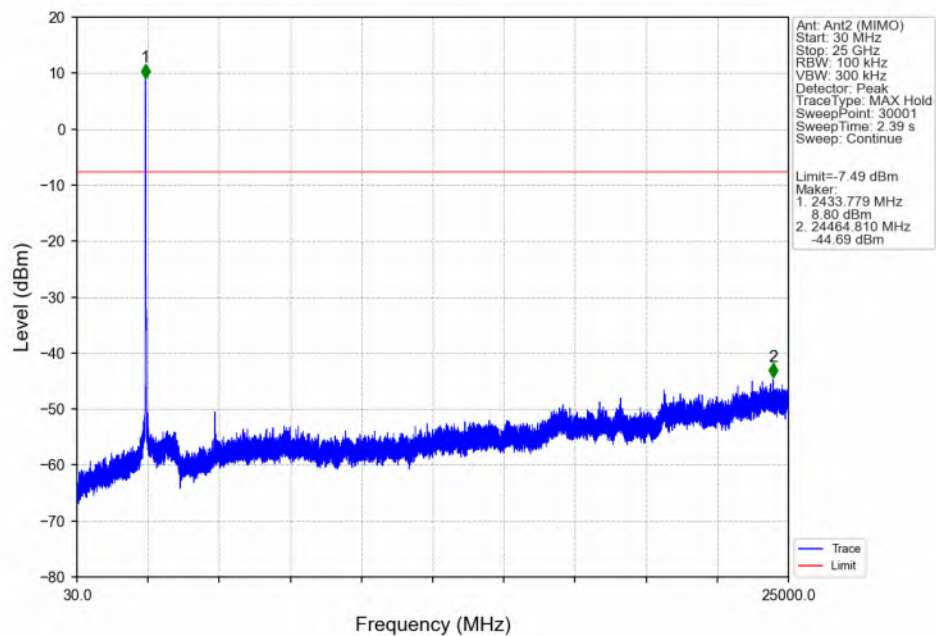
802.11be(EHT40)_HCH_2452MHz_RU26_Left(0)_Ant1 (MIMO)_NTNV



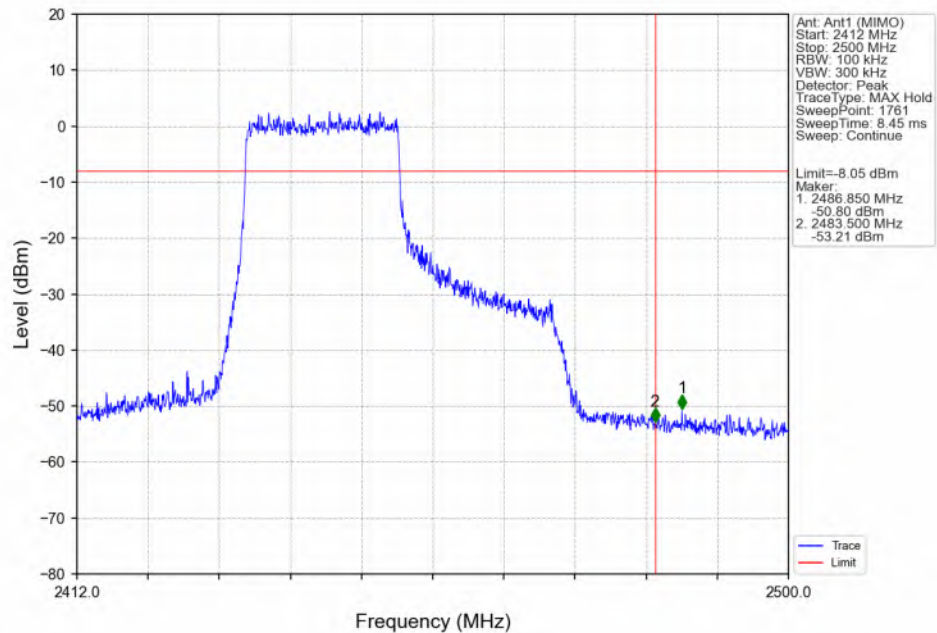
802.11be(EHT40)_HCH_2452MHz_RU26_Left(0)_Ant2 (MIMO)_NTNV



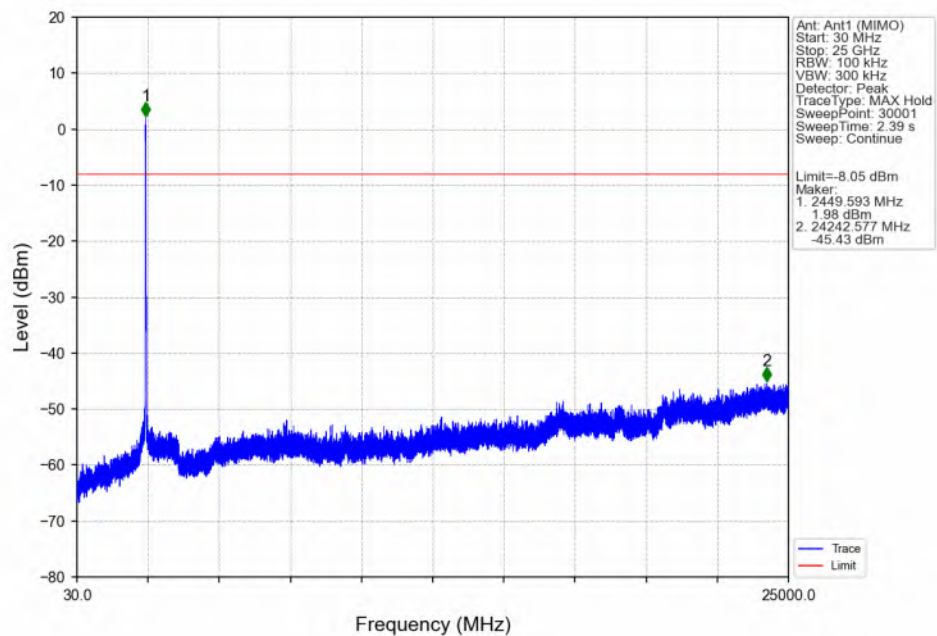
802.11be(EHT40)_HCH_2452MHz_RU26_Left(0)_Ant2 (MIMO)_NTNV



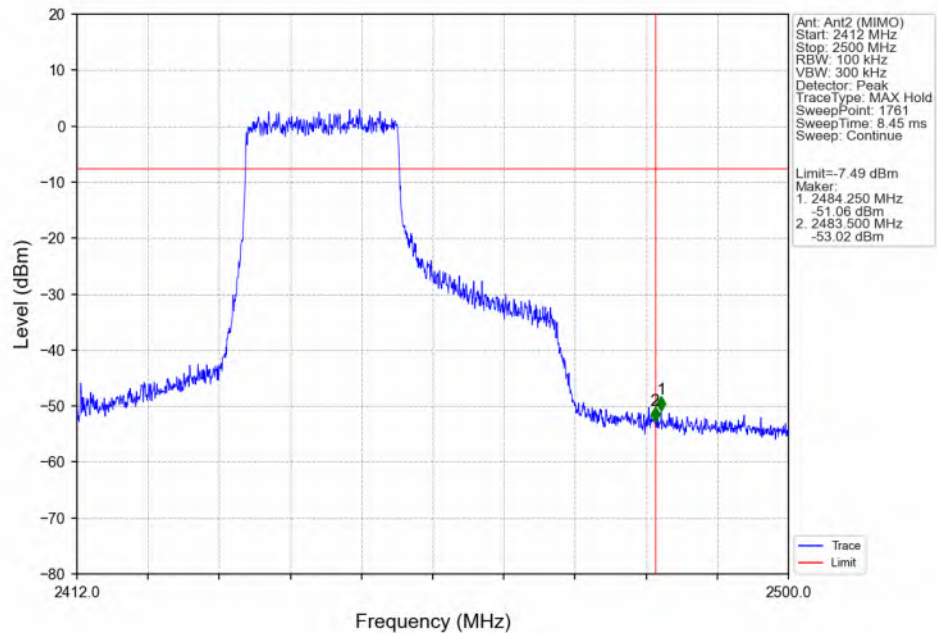
802.11be(EHT40)_HCH_2452MHz_RU242_Left(61)_Ant1 (MIMO)_NTNV



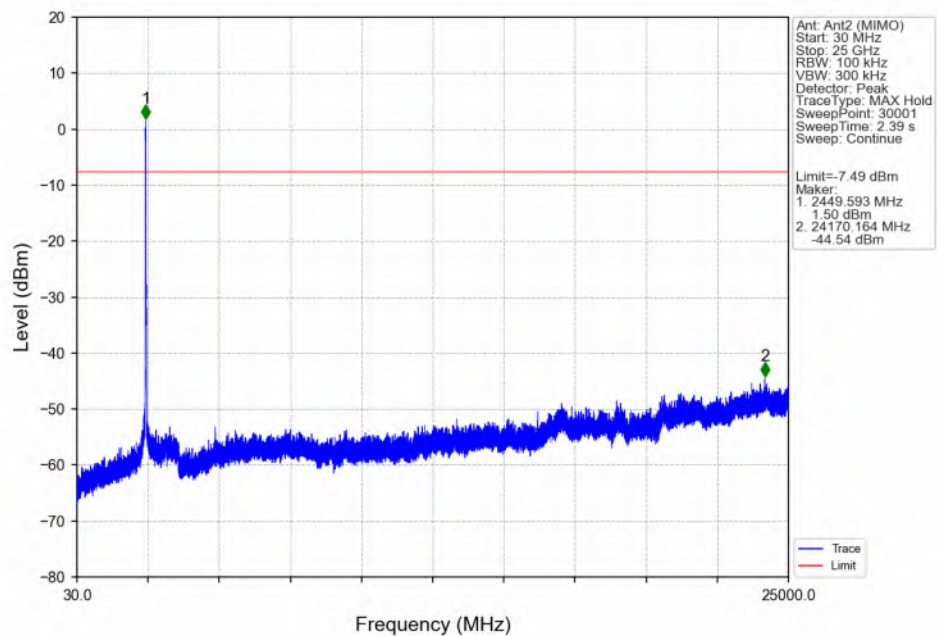
802.11be(EHT40)_HCH_2452MHz_RU242_Left(61)_Ant1 (MIMO)_NTNV



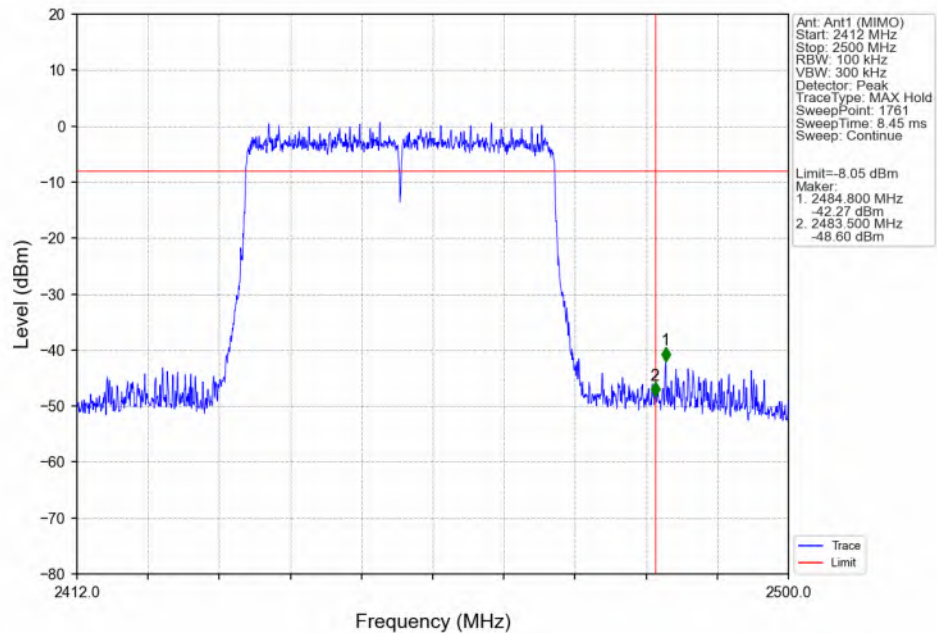
802.11be(EHT40)_HCH_2452MHz_RU242_Left(61)_Ant2 (MIMO)_NTNV



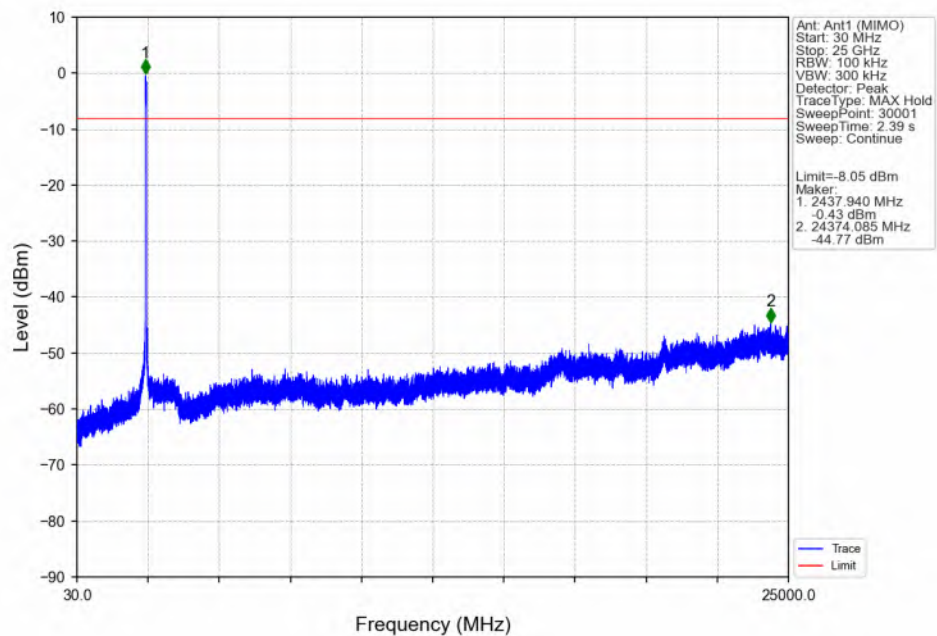
802.11be(EHT40)_HCH_2452MHz_RU242_Left(61)_Ant2 (MIMO)_NTNV



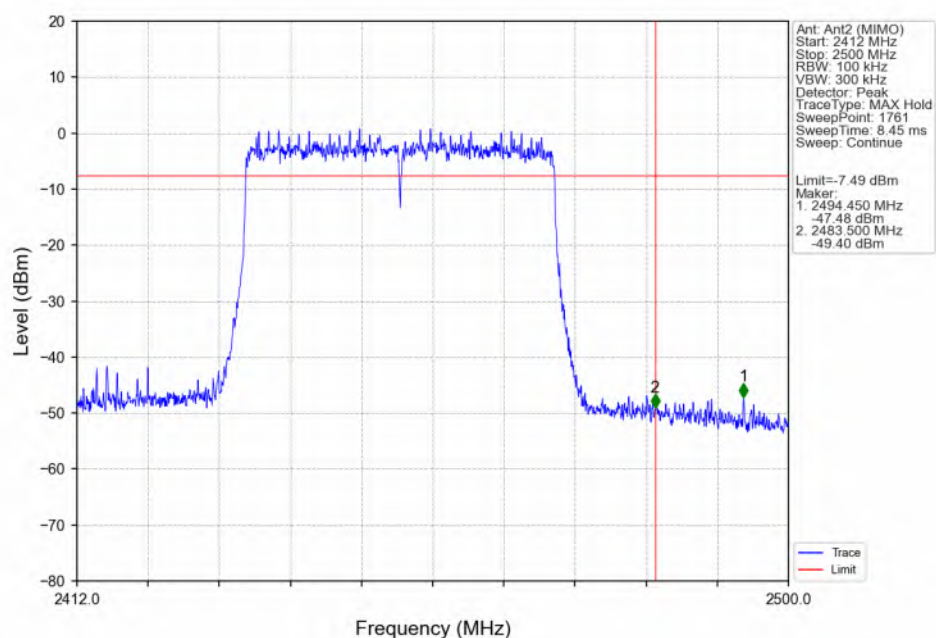
802.11be(EHT40)_HCH_2452MHz_RU484_Left(65)_Ant1 (MIMO)_NTNV



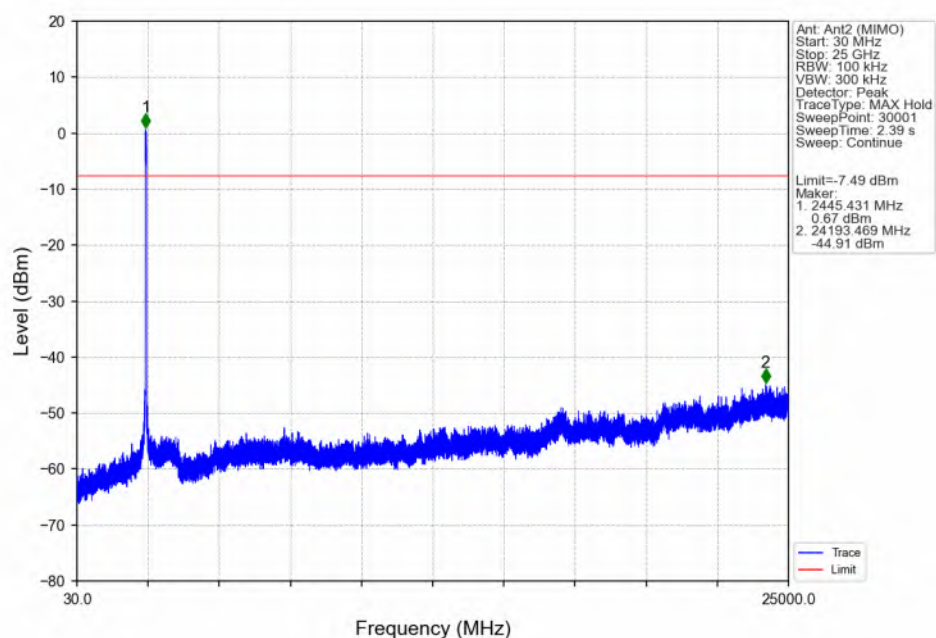
802.11be(EHT40)_HCH_2452MHz_RU484_Left(65)_Ant1 (MIMO)_NTNV



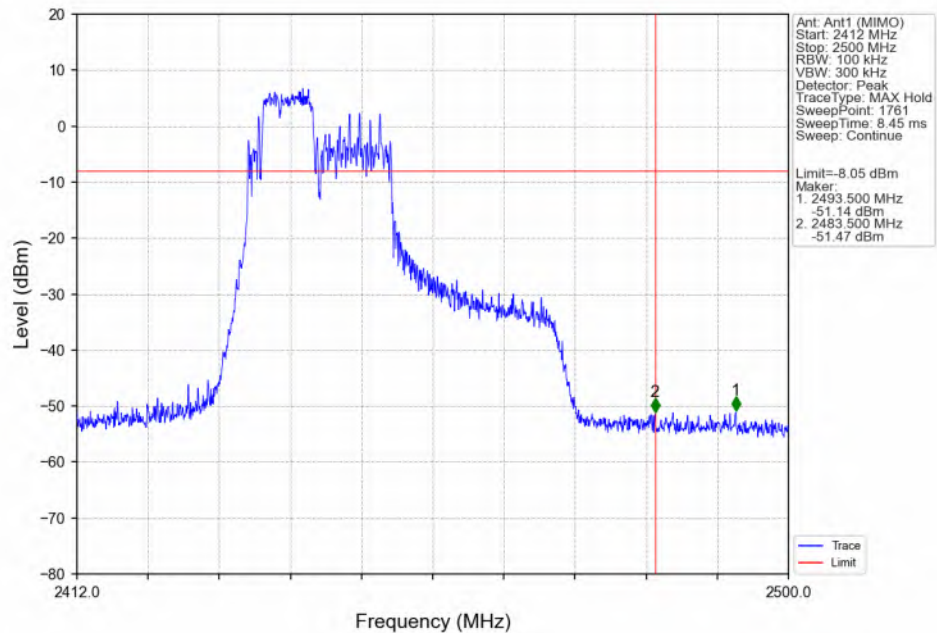
802.11be(EHT40)_HCH_2452MHz_RU484_Left(65)_Ant2 (MIMO)_NTNV



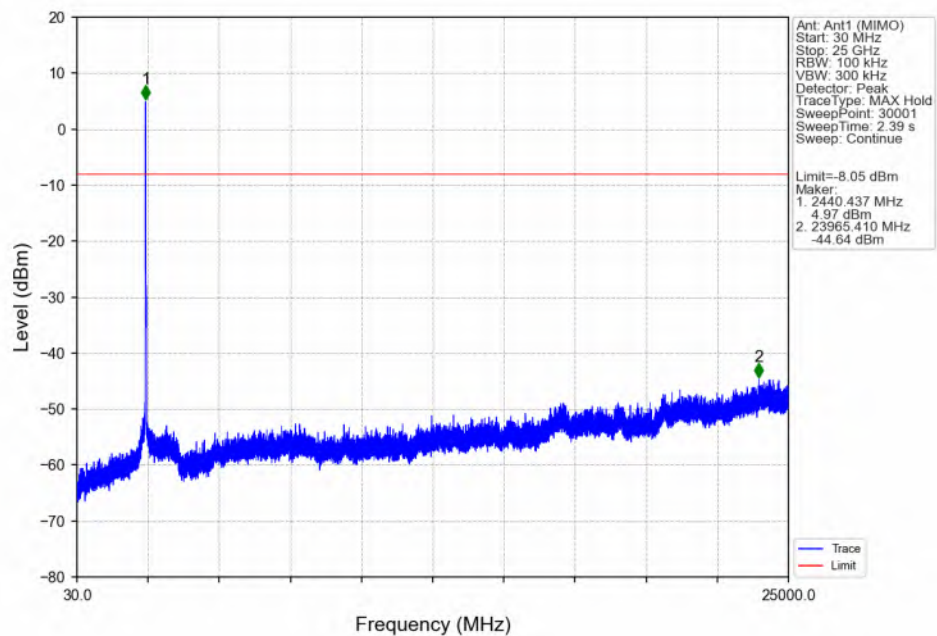
802.11be(EHT40)_HCH_2452MHz_RU484_Left(65)_Ant2 (MIMO)_NTNV



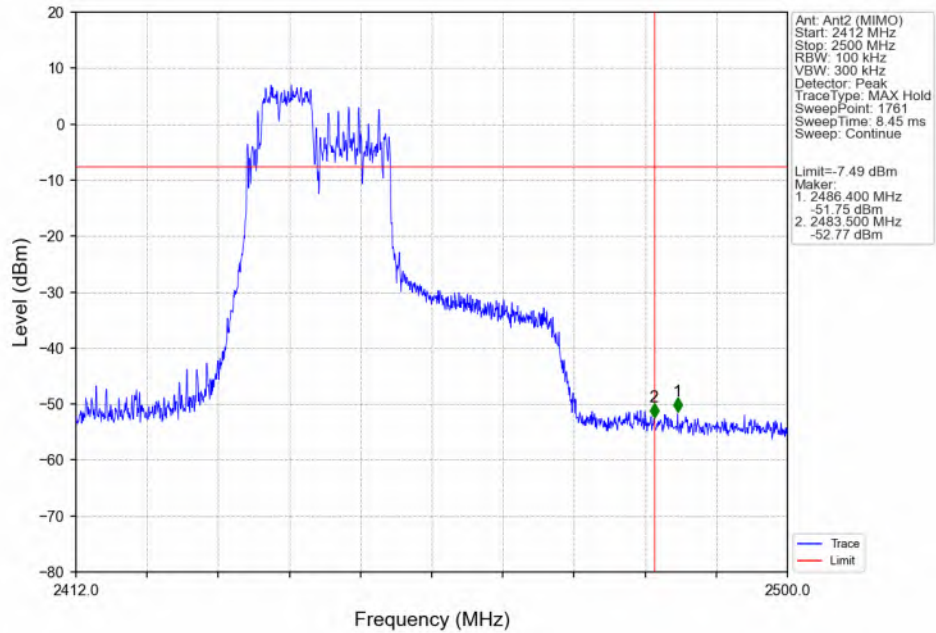
802.11be(EHT40)_HCH_2452MHz_26+52 / Ant1 (MIMO) NTNv



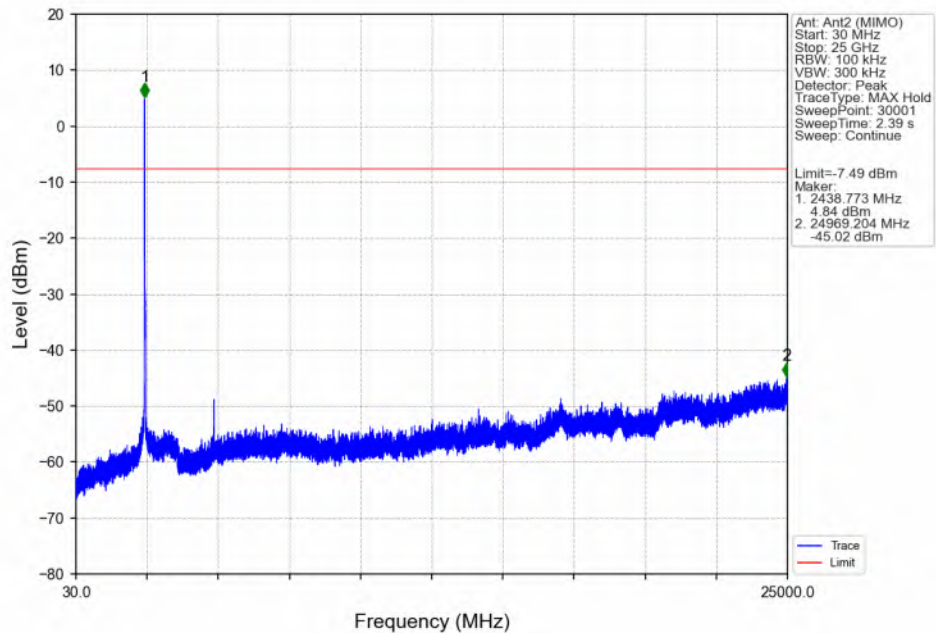
802.11be(EHT40)_HCH_2452MHz_26+52 / Ant1 (MIMO) NTNv



802.11be(EHT40)_HCH_2452MHz_26+52 / Ant2 (MIMO) NTNv



802.11be(EHT40)_HCH_2452MHz_26+52 / Ant2 (MIMO) NTNv



Appendix A.6: Test Results of Radiated Spurious Emissions

Note:

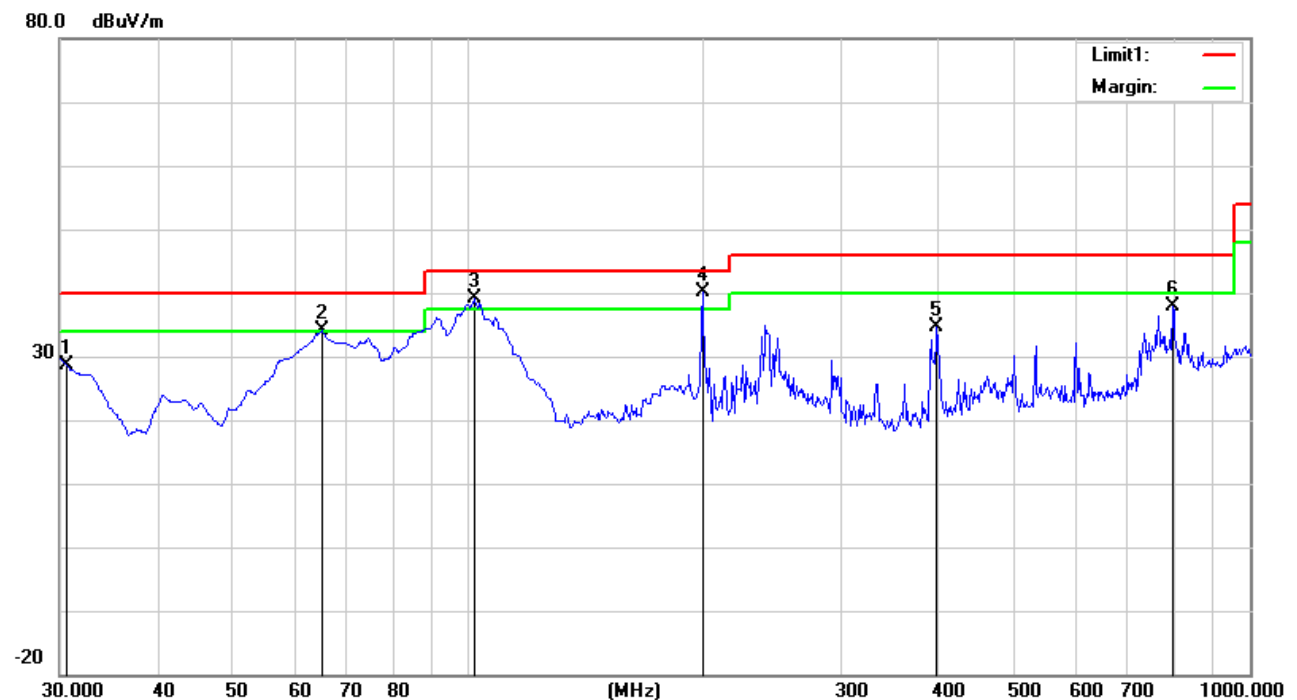
- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz-26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz – 1GHz (Worst case)

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: 802.11ax20_ch6

Ant.Polar.: Vertical
Date:2025/9/12
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:



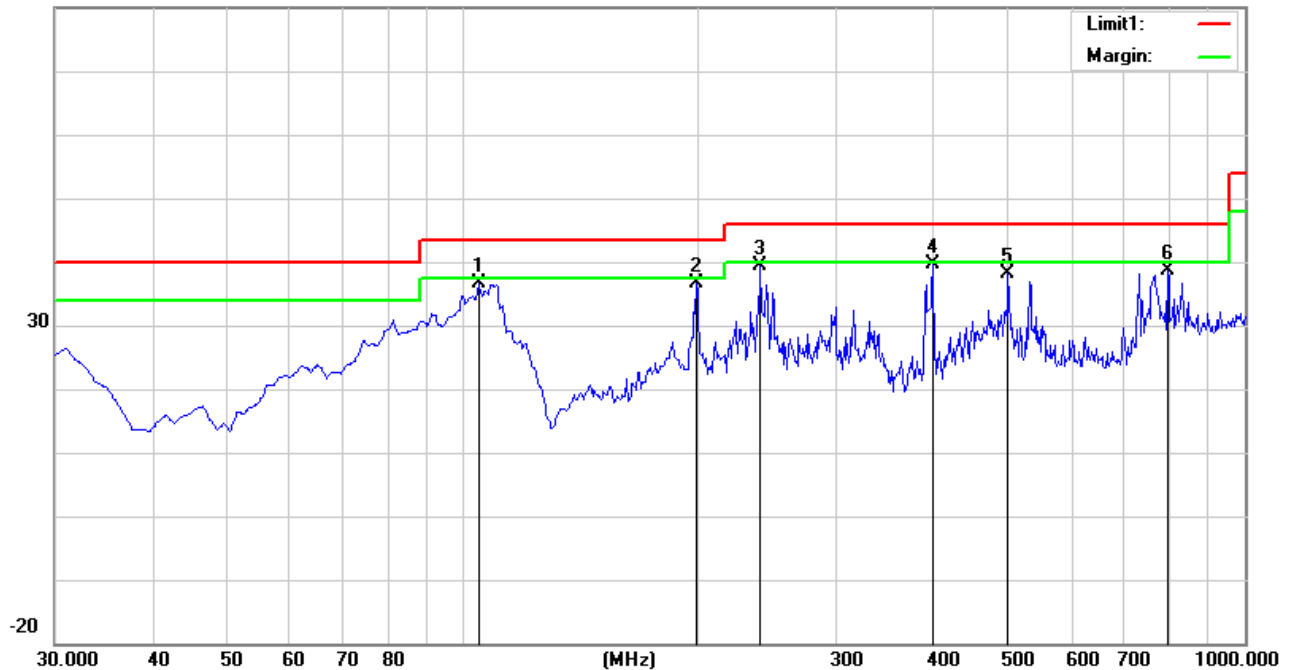
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.6380	41.74	-13.18	28.56	40.00	-11.44	peak
2	64.9200	59.63	-25.62	34.01	40.00	-5.99	peak
3	101.7800	58.99	-19.94	39.05	43.50	-4.45	peak
4	199.7500	61.33	-21.11	40.22	43.50	-3.28	peak
5	398.6000	45.73	-11.20	34.53	46.00	-11.47	peak
6	797.2700	40.02	-2.03	37.99	46.00	-8.01	peak

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: 802.11ax20_ch6

Ant.Polar.: Horizontal
Date: 2025/9/12
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

80.0 dBuV/m



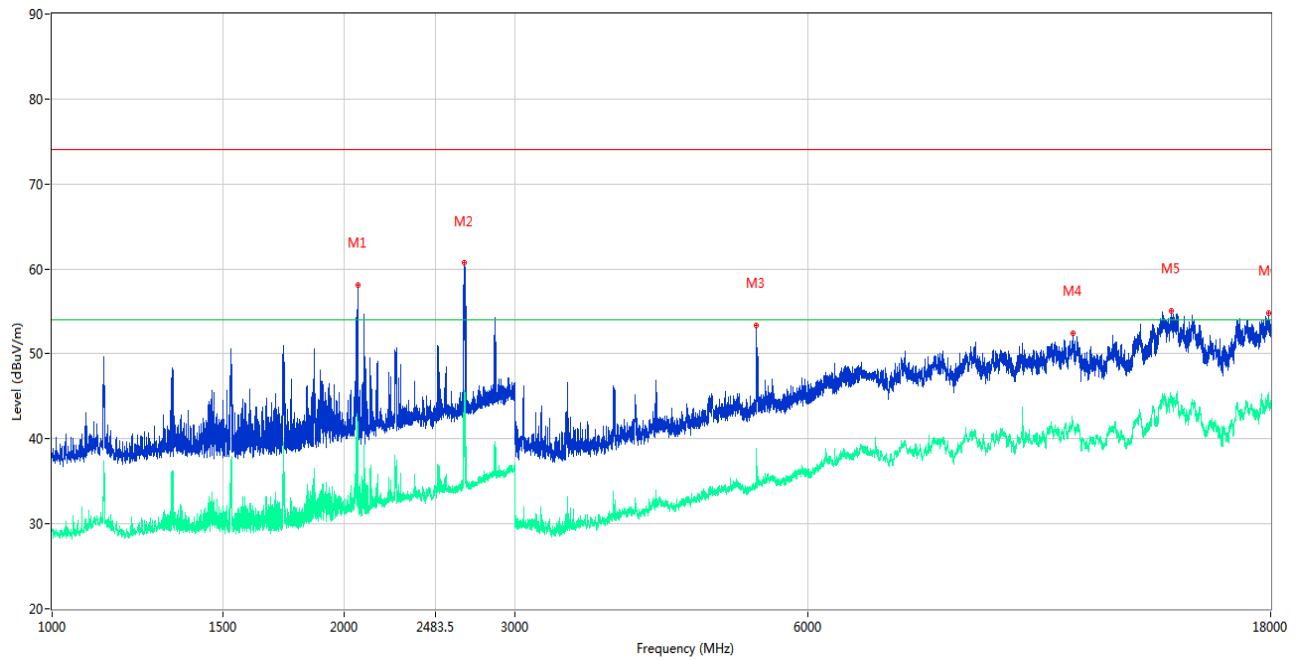
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	104.6900	56.24	-19.63	36.61	43.50	-6.89	peak
2	198.7800	57.64	-21.12	36.52	43.50	-6.98	peak
3	240.4900	57.30	-17.93	39.37	46.00	-6.63	peak
4	399.5700	50.73	-11.16	39.57	46.00	-6.43	peak
5	498.5100	46.19	-8.04	38.15	46.00	-7.85	peak
6	797.2700	40.74	-2.03	38.71	46.00	-7.29	peak

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: 802.11ax20_ch1

Ant.Polar.: Vertical
Date: 2025/9/13
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



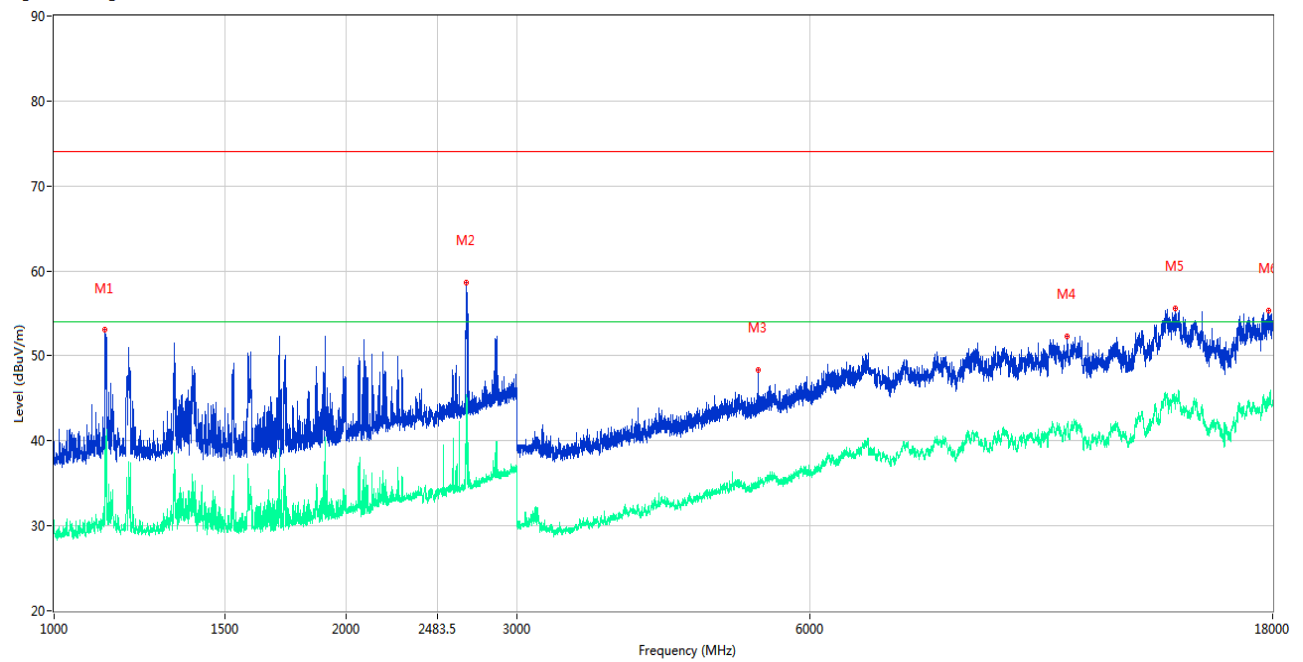
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2066.000	58.04	0.83	74.0	15.96	Peak	105.20	100	Vertical	Pass
1**	2066.000	41.98	0.83	54.0	12.02	AV	105.20	100	Vertical	Pass
2	2660.000	60.68	3.98	74.0	13.32	Peak	92.20	100	Vertical	Pass
2**	2660.000	45.76	3.98	54.0	8.24	AV	92.20	100	Vertical	Pass
3	5317.000	53.36	-5.49	74.0	20.64	Peak	143.10	100	Vertical	Pass
3**	5317.000	38.08	-5.49	54.0	15.92	AV	143.10	100	Vertical	Pass
4	11265.250	52.44	2.40	74.0	21.56	Peak	0.50	100	Vertical	Pass
4**	11265.250	41.70	2.40	54.0	12.30	AV	0.50	100	Vertical	Pass
5	14227.000	55.05	6.94	74.0	18.95	Peak	184.00	100	Vertical	Pass
5**	14227.000	44.99	6.94	54.0	9.01	AV	184.00	100	Vertical	Pass
6	17928.499	54.78	7.02	74.0	19.22	Peak	245.40	100	Vertical	Pass
6**	17928.499	44.26	7.02	54.0	9.74	AV	245.40	100	Vertical	Pass

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: 802.11ax20_ch1

Ant.Polar.: Horizontal
Date:2025/9/13
Temp.(C): 23.4(C)
Hum.(%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



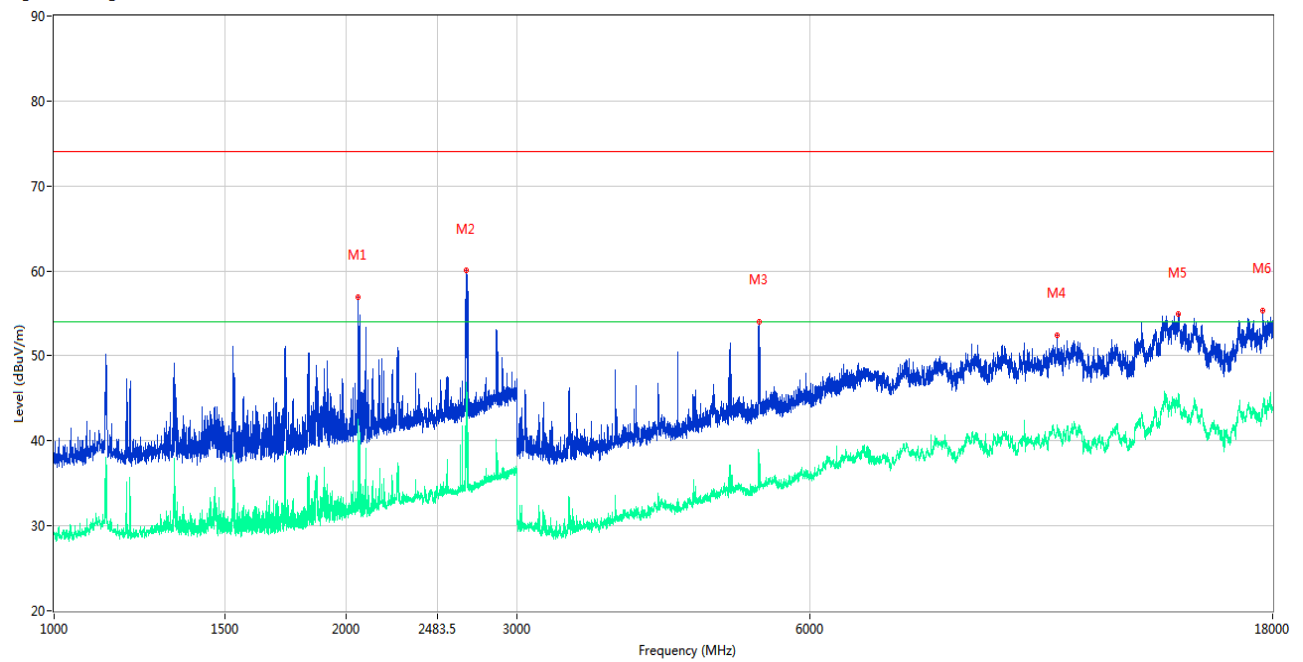
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1128.000	53.03	-1.71	74.0	20.97	Peak	152.70	100	Horizontal	Pass
1**	1128.000	38.97	-1.71	54.0	15.03	AV	152.70	100	Horizontal	Pass
2	2655.500	58.62	3.98	74.0	15.38	Peak	128.90	100	Horizontal	Pass
2**	2655.500	45.49	3.98	54.0	8.51	AV	128.90	100	Horizontal	Pass
3	5315.000	48.34	-5.50	74.0	25.66	Peak	175.50	100	Horizontal	Pass
3**	5315.000	35.63	-5.50	54.0	18.37	AV	175.50	100	Horizontal	Pass
4	11061.750	52.26	1.96	74.0	21.74	Peak	314.40	100	Horizontal	Pass
4**	11061.750	41.91	1.96	54.0	12.09	AV	314.40	100	Horizontal	Pass
5	14304.000	55.64	6.88	74.0	18.36	Peak	50.20	100	Horizontal	Pass
5**	14304.000	45.21	6.88	54.0	8.79	AV	50.20	100	Horizontal	Pass
6	17810.250	55.35	6.47	74.0	18.65	Peak	45.70	100	Horizontal	Pass
6**	17810.250	44.52	6.47	54.0	9.48	AV	45.70	100	Horizontal	Pass

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: 802.11ax20_ch6

Ant.Polar.: Vertical
Date:2025/9/13
Temp.(C): 23.4(C)
Hum.(%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



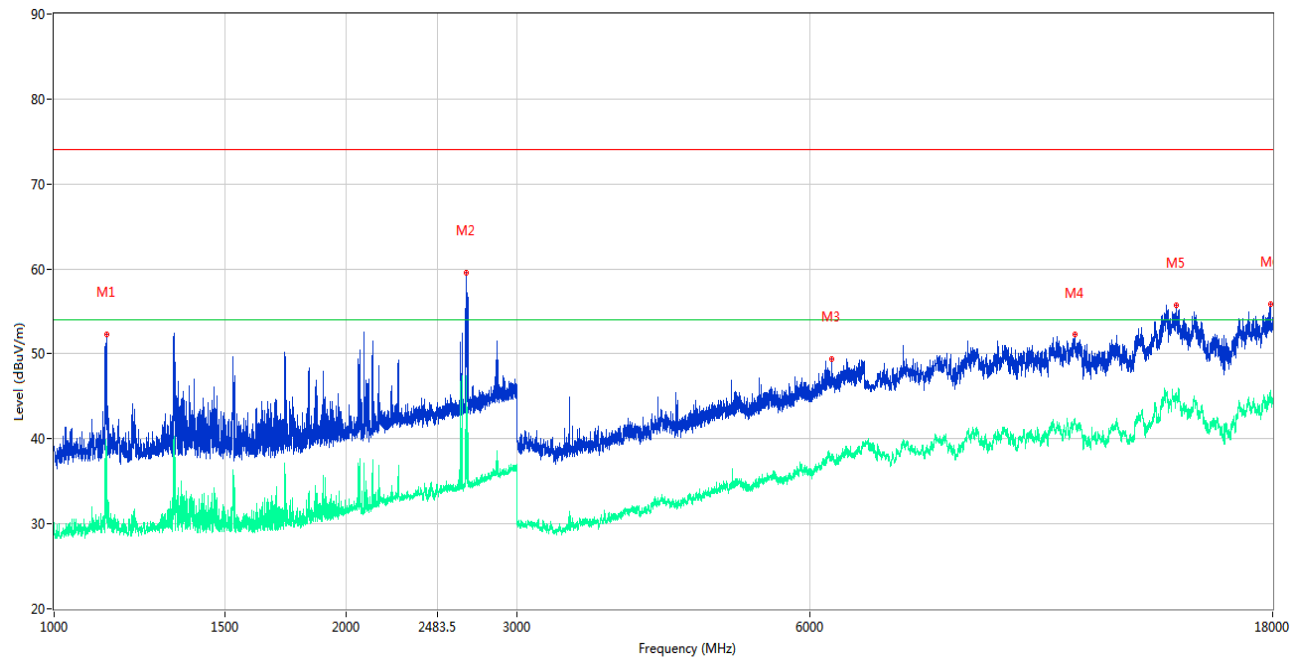
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2058.000	56.95	0.82	74.0	17.05	Peak	99.70	100	Vertical	Pass
1**	2058.000	42.50	0.82	54.0	11.50	AV	99.70	100	Vertical	Pass
2	2656.500	60.01	3.98	74.0	13.99	Peak	309.30	100	Vertical	Pass
2**	2656.500	46.91	3.98	54.0	7.09	AV	309.30	100	Vertical	Pass
3	5325.000	54.00	-5.45	74.0	20.00	Peak	172.50	100	Vertical	Pass
3**	5325.000	38.53	-5.45	54.0	15.47	AV	172.50	100	Vertical	Pass
4	10797.750	52.37	2.02	74.0	21.63	Peak	323.20	100	Vertical	Pass
4**	10797.750	41.64	2.02	54.0	12.36	AV	323.20	100	Vertical	Pass
5	14400.250	54.87	6.99	74.0	19.13	Peak	256.60	100	Vertical	Pass
5**	14400.250	45.59	6.99	54.0	8.41	AV	256.60	100	Vertical	Pass
6	17584.751	55.35	6.40	74.0	18.65	Peak	265.20	100	Vertical	Pass
6**	17584.751	43.20	6.40	54.0	10.80	AV	265.20	100	Vertical	Pass

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: 802.11ax20_ch6

Ant.Polar.: Horizontal
Date: 2025/9/13
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



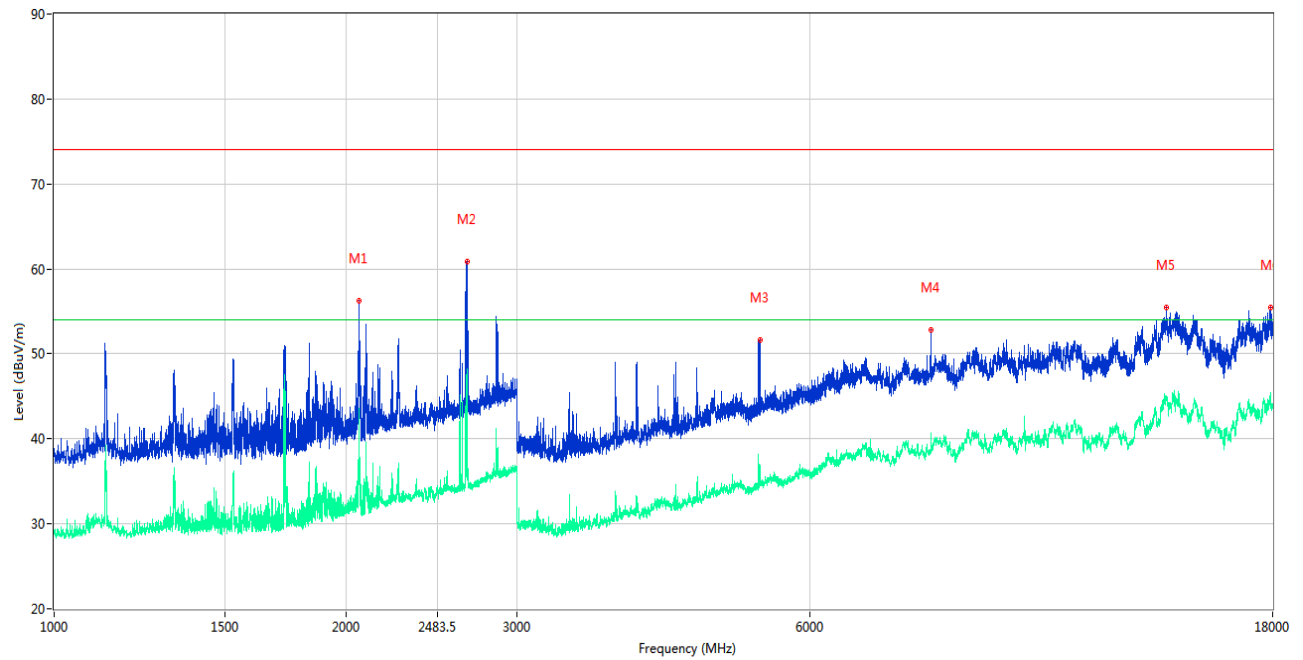
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1133.500	52.35	-1.70	74.0	21.65	Peak	149.80	100	Horizontal	Pass
1**	1133.500	37.50	-1.70	54.0	16.50	AV	149.80	100	Horizontal	Pass
2	2657.500	59.59	3.98	74.0	14.41	Peak	124.90	100	Horizontal	Pass
2**	2657.500	47.38	3.98	54.0	6.62	AV	124.90	100	Horizontal	Pass
3	6330.000	49.44	-1.95	74.0	24.56	Peak	83.90	100	Horizontal	Pass
3**	6330.000	37.75	-1.95	54.0	16.25	AV	83.90	100	Horizontal	Pass
4	11254.250	52.24	2.44	74.0	21.76	Peak	114.40	100	Horizontal	Pass
4**	11254.250	41.79	2.44	54.0	12.21	AV	114.40	100	Horizontal	Pass
5	14326.000	55.74	6.91	74.0	18.26	Peak	143.40	100	Horizontal	Pass
5**	14326.000	45.41	6.91	54.0	8.59	AV	143.40	100	Horizontal	Pass
6	17903.749	55.85	7.21	74.0	18.15	Peak	112.10	100	Horizontal	Pass
6**	17903.749	45.65	7.21	54.0	8.35	AV	112.10	100	Horizontal	Pass

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: 802.11ax20_ch11

Ant.Polar.: Vertical
Date: 2025/9/13
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



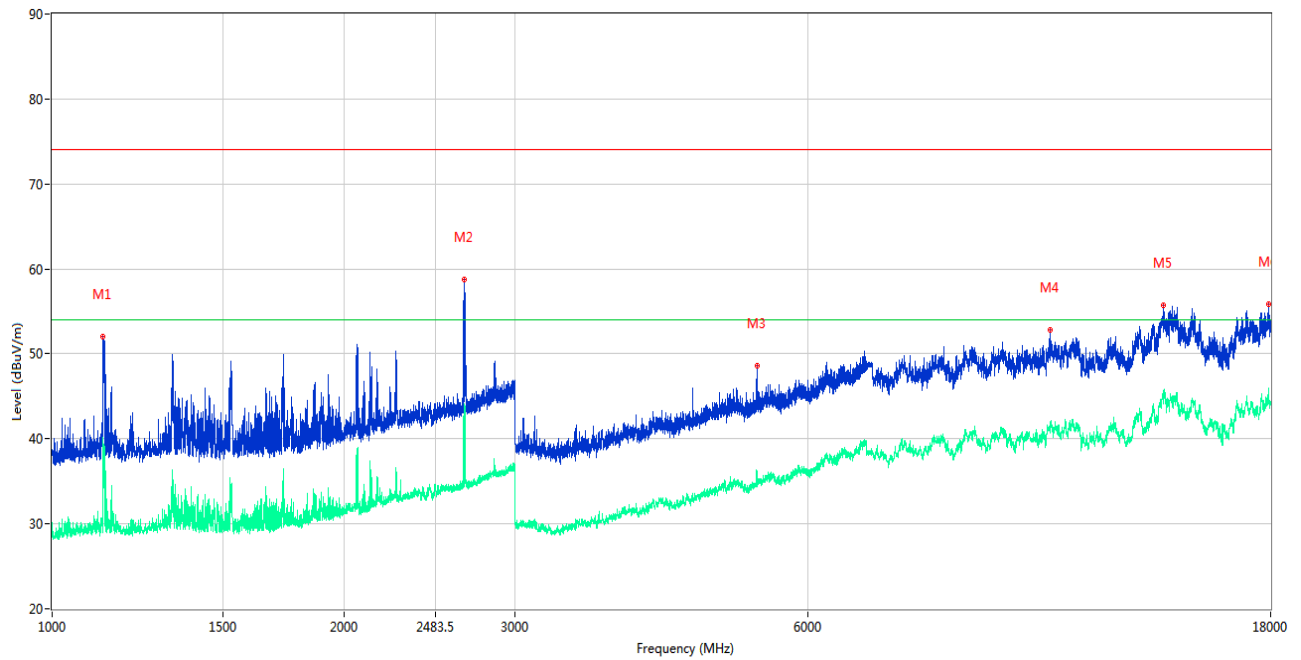
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2062.500	56.28	0.83	74.0	17.72	Peak	109.20	100	Vertical	Pass
1**	2062.500	42.22	0.83	54.0	11.78	AV	109.20	100	Vertical	Pass
2	2665.000	60.87	3.98	74.0	13.13	Peak	96.10	100	Vertical	Pass
2**	2665.000	48.15	3.98	54.0	5.85	AV	96.10	100	Vertical	Pass
3	5334.000	51.69	-5.41	74.0	22.31	Peak	172.30	100	Vertical	Pass
3**	5334.000	36.82	-5.41	54.0	17.18	AV	172.30	100	Vertical	Pass
4	7998.250	52.89	-0.68	74.0	21.11	Peak	218.60	100	Vertical	Pass
4**	7998.250	40.66	-0.68	54.0	13.34	AV	218.60	100	Vertical	Pass
5	13996.000	55.50	8.40	74.0	18.50	Peak	6.60	100	Vertical	Pass
5**	13996.000	44.54	8.40	54.0	9.46	AV	6.60	100	Vertical	Pass
6	17903.749	55.44	7.21	74.0	18.56	Peak	181.80	100	Vertical	Pass
6**	17903.749	45.25	7.21	54.0	8.75	AV	181.80	100	Vertical	Pass

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: 802.11ax20_ch11

Ant.Polar.: Horizontal
Date:2025/9/13
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1128.000	51.98	-1.71	74.0	22.02	Peak	146.10	100	Horizontal	Pass
1**	1128.000	40.18	-1.71	54.0	13.82	AV	146.10	100	Horizontal	Pass
2	2659.500	58.76	3.98	74.0	15.24	Peak	133.10	100	Horizontal	Pass
2**	2659.500	44.14	3.98	54.0	9.86	AV	133.10	100	Horizontal	Pass
3	5330.000	48.59	-5.43	74.0	25.41	Peak	135.60	100	Horizontal	Pass
3**	5330.000	36.21	-5.43	54.0	17.79	AV	135.60	100	Horizontal	Pass
4	10668.500	52.80	1.36	74.0	21.20	Peak	82.50	100	Horizontal	Pass
4**	10668.500	41.44	1.36	54.0	12.56	AV	82.50	100	Horizontal	Pass
5	13946.500	55.74	7.78	74.0	18.26	Peak	116.00	100	Horizontal	Pass
5**	13946.500	45.73	7.78	54.0	8.27	AV	116.00	100	Horizontal	Pass
6	17909.250	55.85	7.17	74.0	18.15	Peak	74.00	100	Horizontal	Pass
6**	17909.250	45.46	7.17	54.0	8.54	AV	74.00	100	Horizontal	Pass

Appendix B: Test Results of BLE

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Appendix B.1: Test Results of Duty Cycle

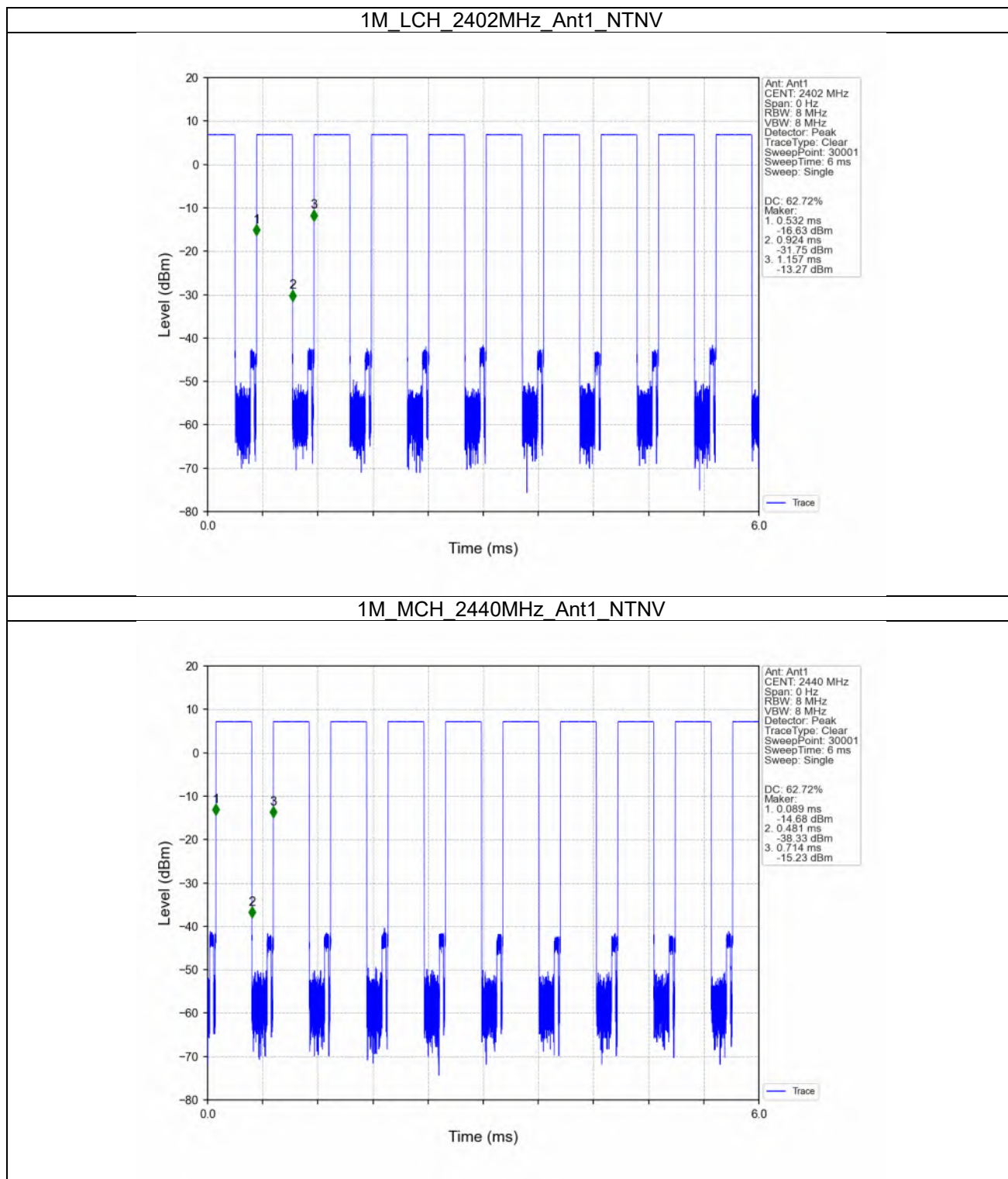
1.1 Test Result

1.1.1 Ant1

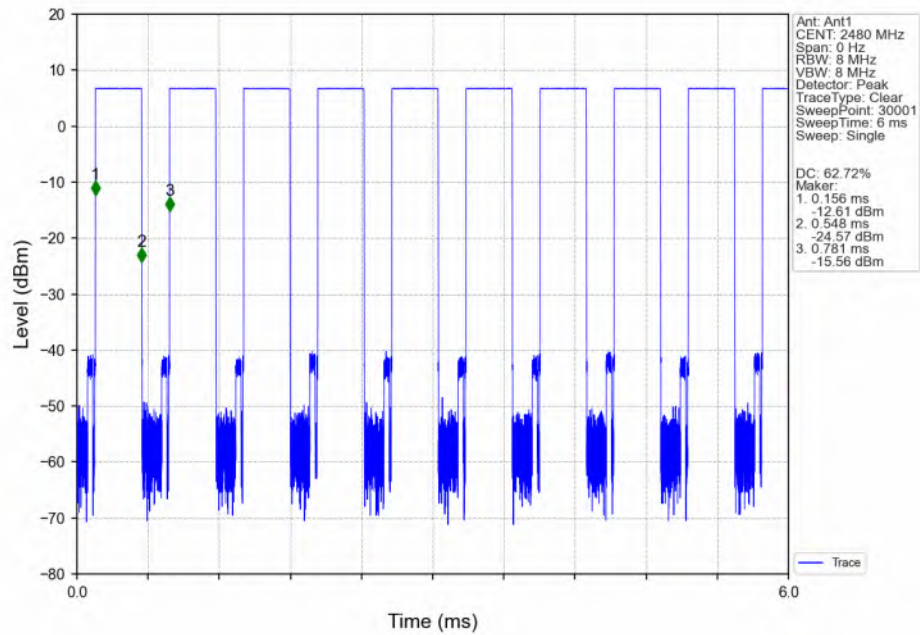
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	0.392	0.625	62.72	2.03	0.02
		2440	0.392	0.625	62.72	2.03	0.00
		2480	0.392	0.625	62.72	2.03	0.03
2M	SISO	2402	0.209	0.625	33.44	4.76	0.03
		2440	0.209	0.625	33.44	4.76	0.03
		2480	0.208	0.625	33.28	4.78	0.03

1.2 Test Graph

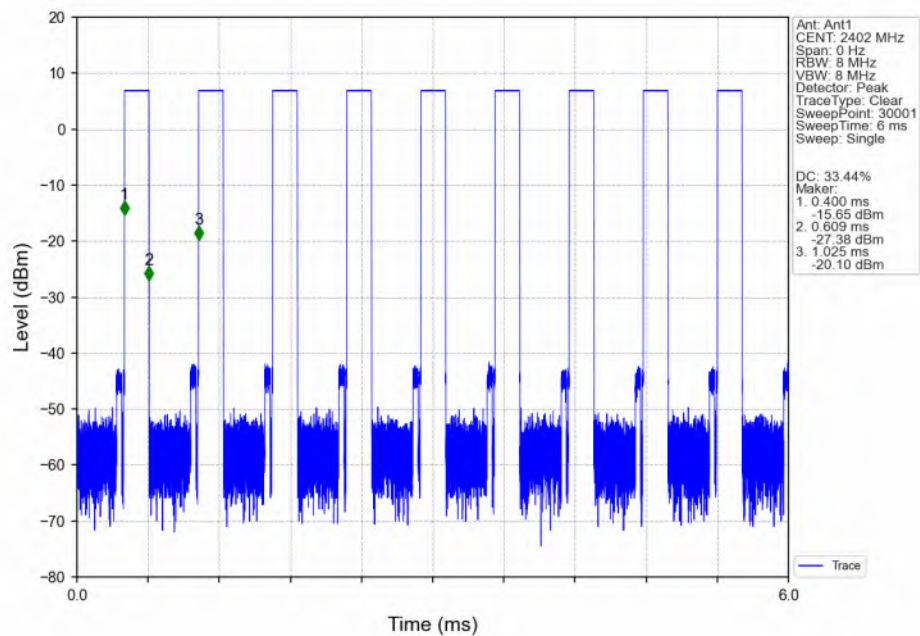
1.2.1 Ant1



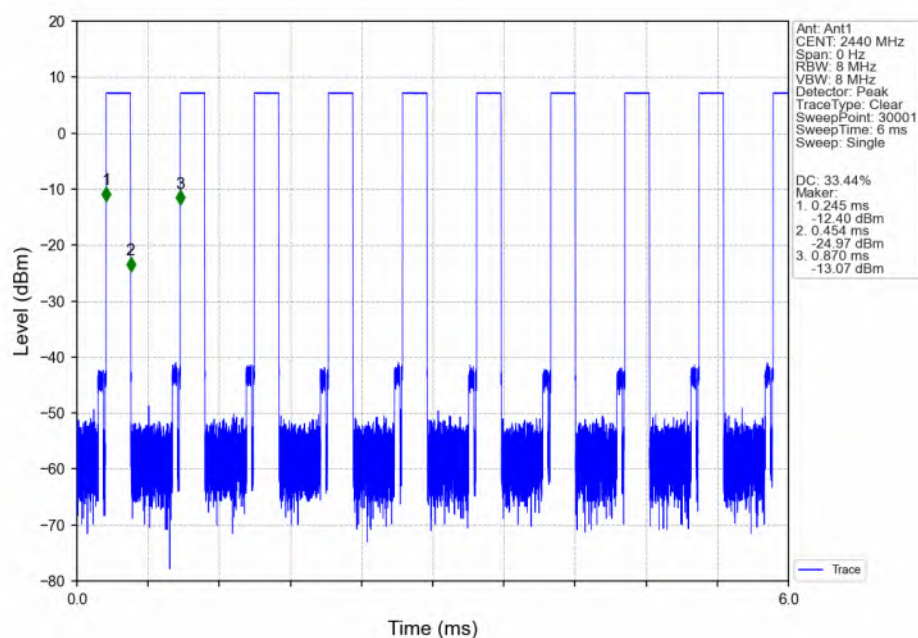
1M_HCH_2480MHz_Ant1_NTNV



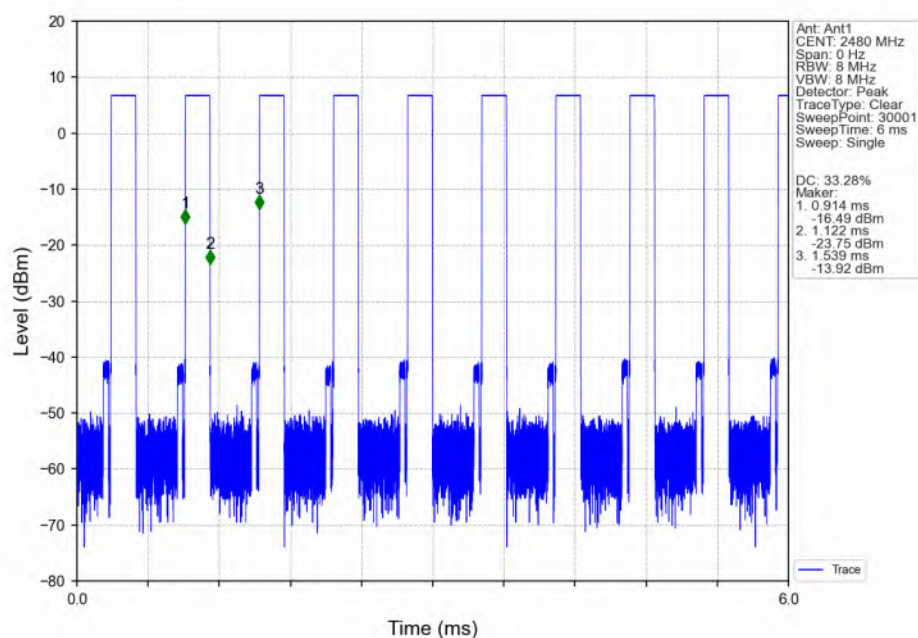
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



Appendix B.2: Test Results of Bandwidth

2.1 Test Result

2.1.1 OBW

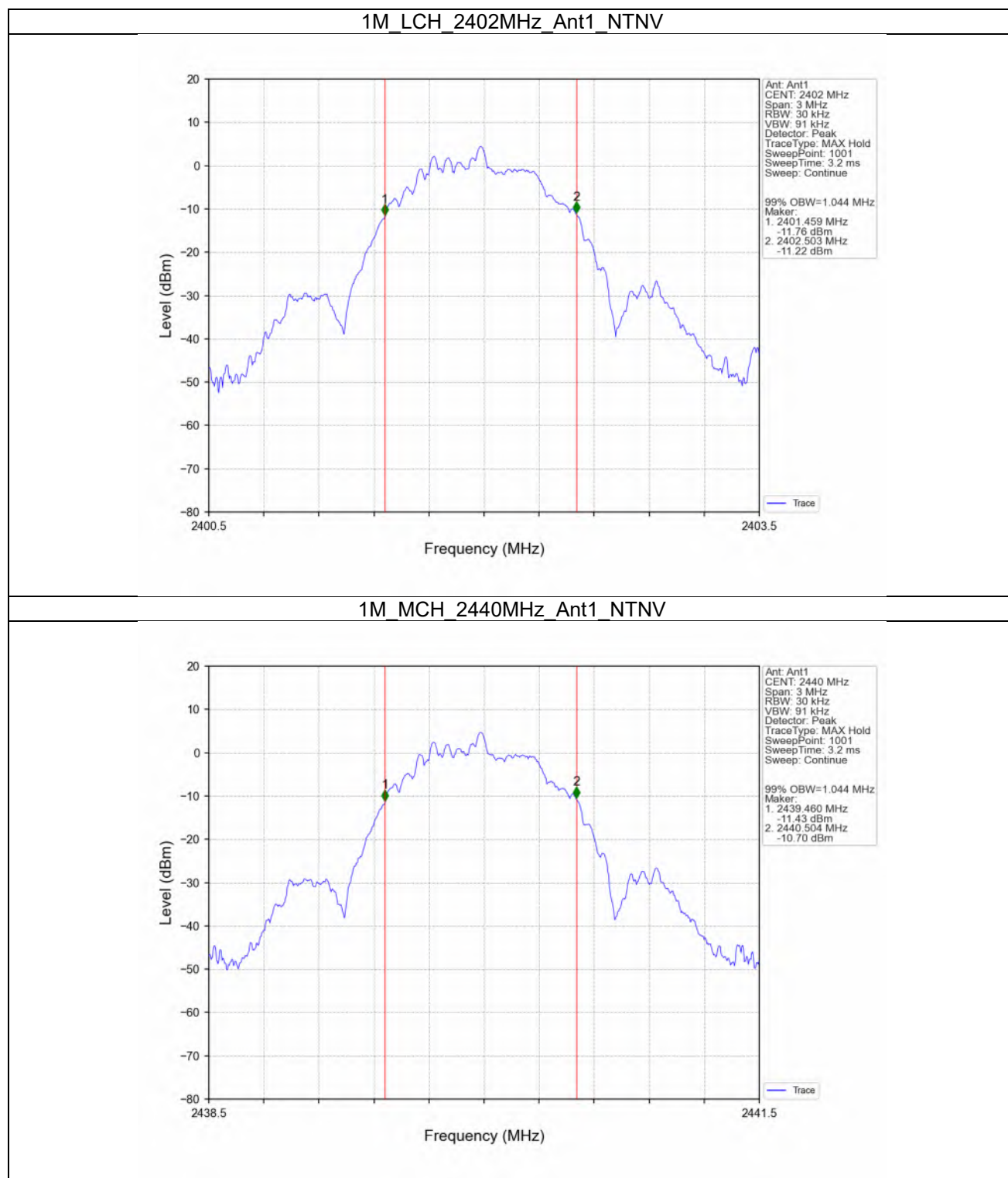
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.044	/	Pass
		2440	1	1.044	/	Pass
		2480	1	1.043	/	Pass
2M	SISO	2402	1	2.062	/	Pass
		2440	1	2.065	/	Pass
		2480	1	2.061	/	Pass

2.1.2 6dB BW

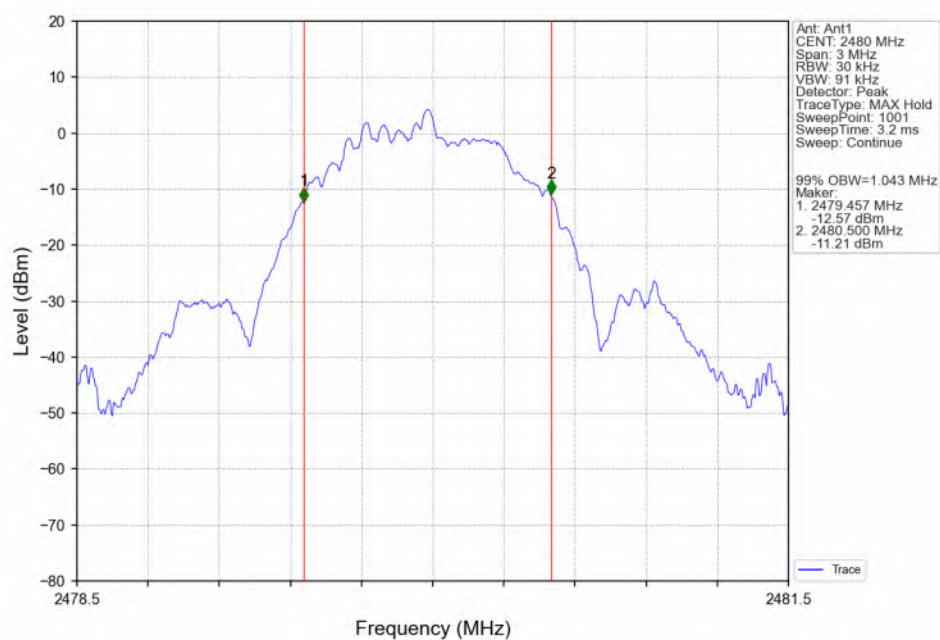
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.666	≥ 0.5	Pass
		2440	1	0.669	≥ 0.5	Pass
		2480	1	0.673	≥ 0.5	Pass
2M	SISO	2402	1	1.113	≥ 0.5	Pass
		2440	1	1.111	≥ 0.5	Pass
		2480	1	1.136	≥ 0.5	Pass

2.2 Test Graph

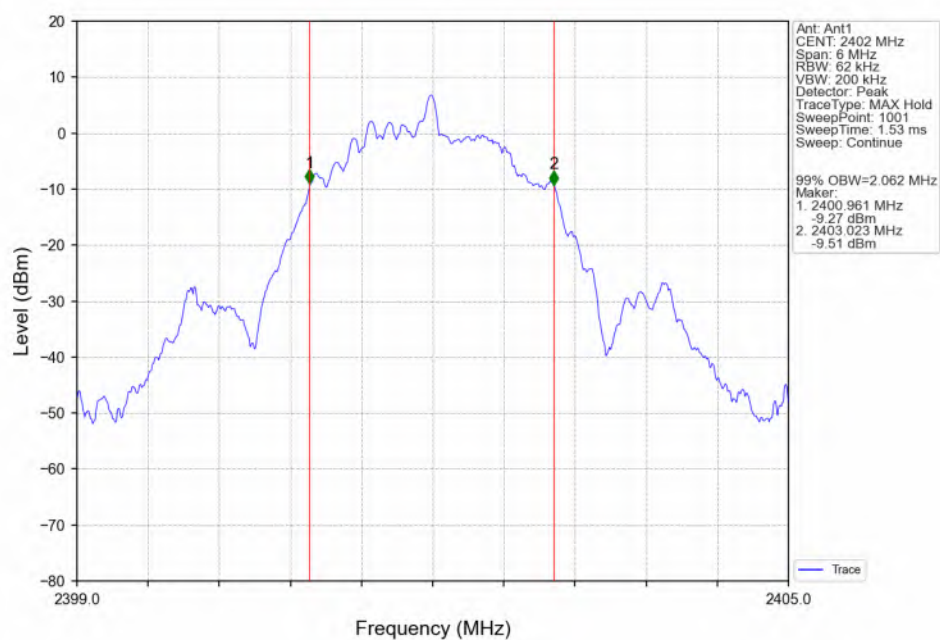
2.2.1 OBW



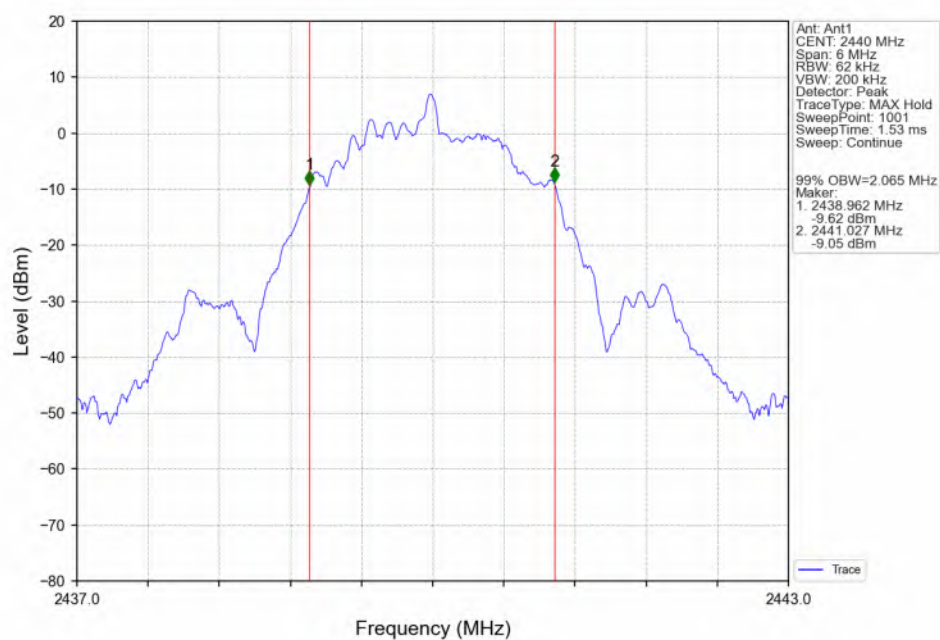
1M_HCH_2480MHz_Ant1_NTNV



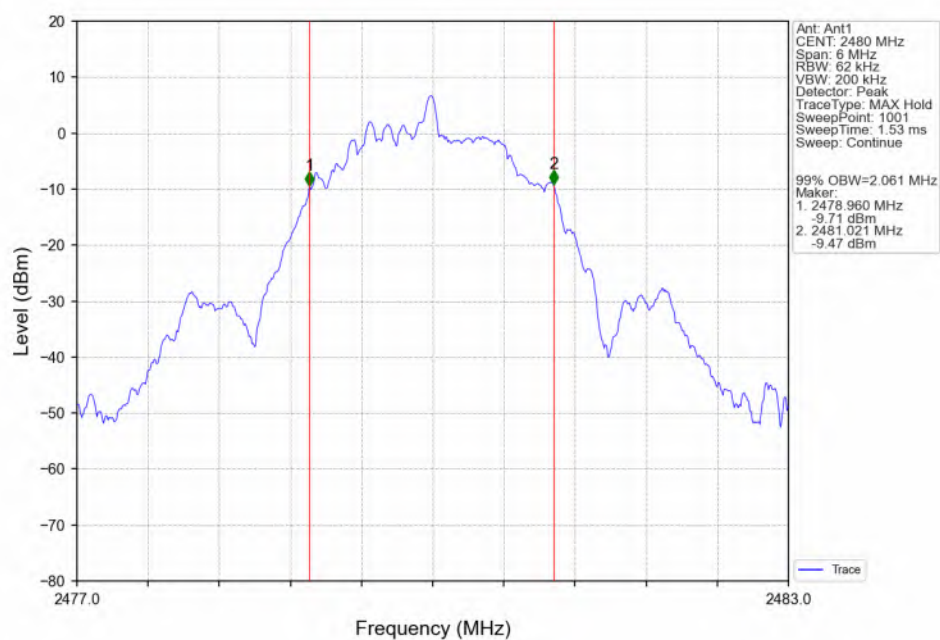
2M_LCH_2402MHz_Ant1_NTNV



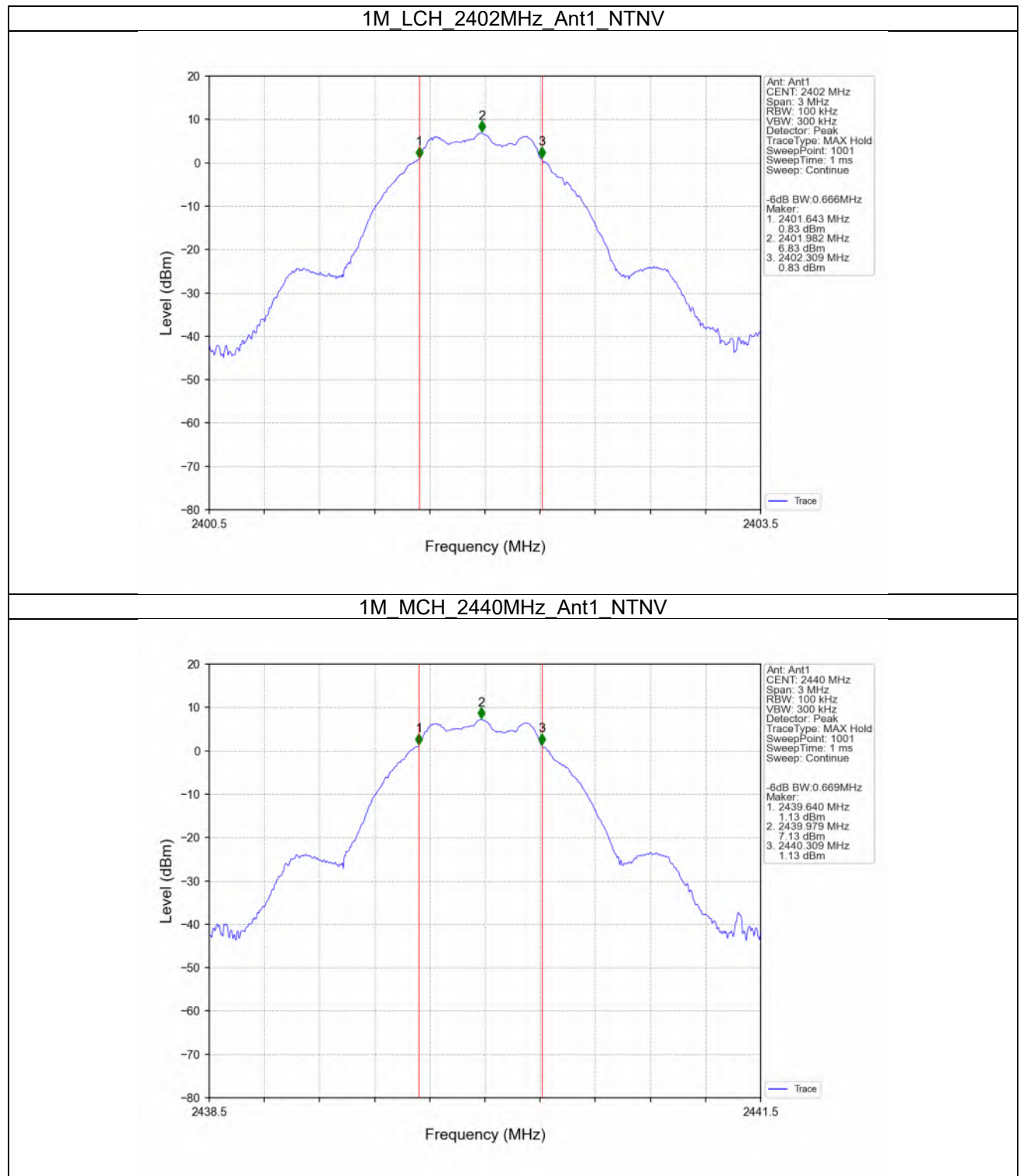
2M_MCH_2440MHz_Ant1_NTNV



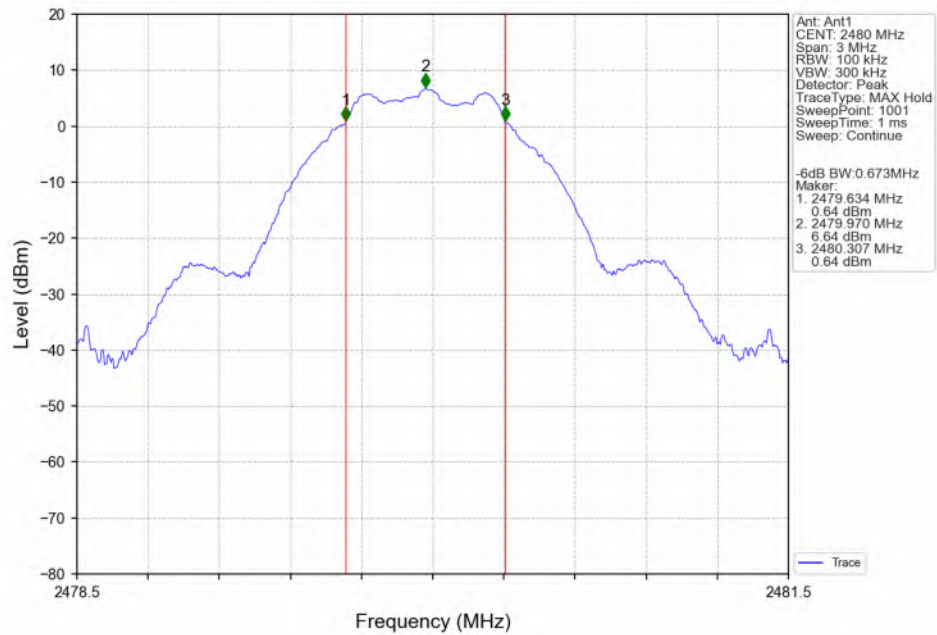
2M_HCH_2480MHz_Ant1_NTNV



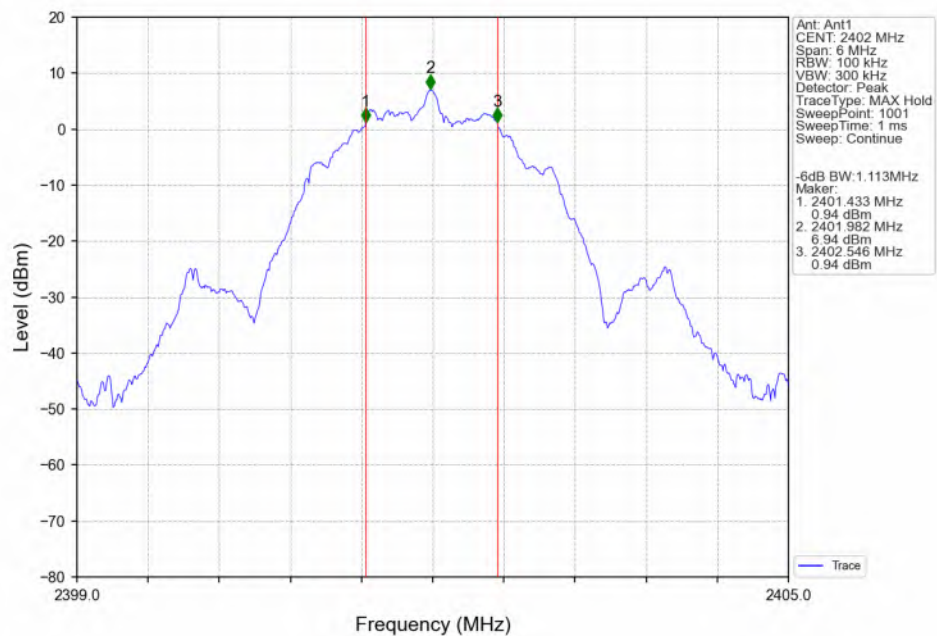
2.2.2 6dB BW



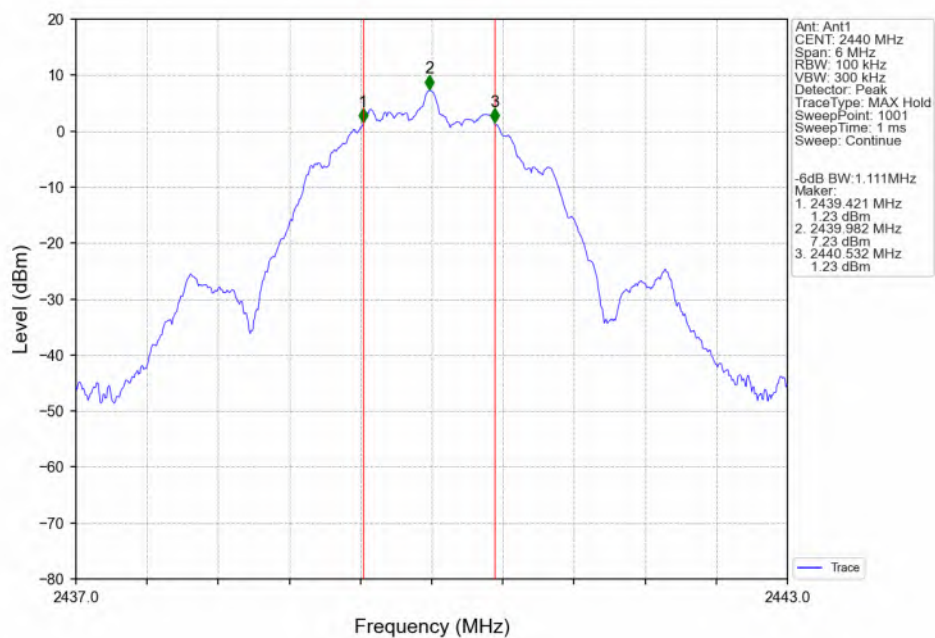
1M_HCH_2480MHz_Ant1_NTNV



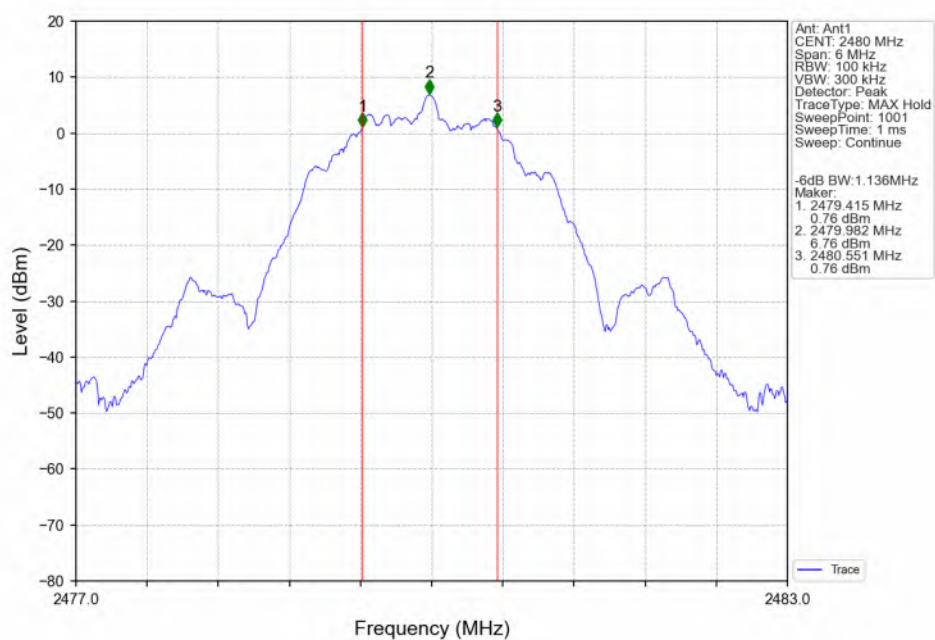
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



Appendix B.3: Test Results of Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	6.89	<=30	Pass
		2440	7.19	<=30	Pass
		2480	6.72	<=30	Pass
2M	SISO	2402	6.93	<=30	Pass
		2440	7.22	<=30	Pass
		2480	6.76	<=30	Pass

Note1: Antenna Gain: Ant1: 1.50dBi;

Appendix B.4: Test Results of Maximum Power Spectral Density

4.1 Test Result

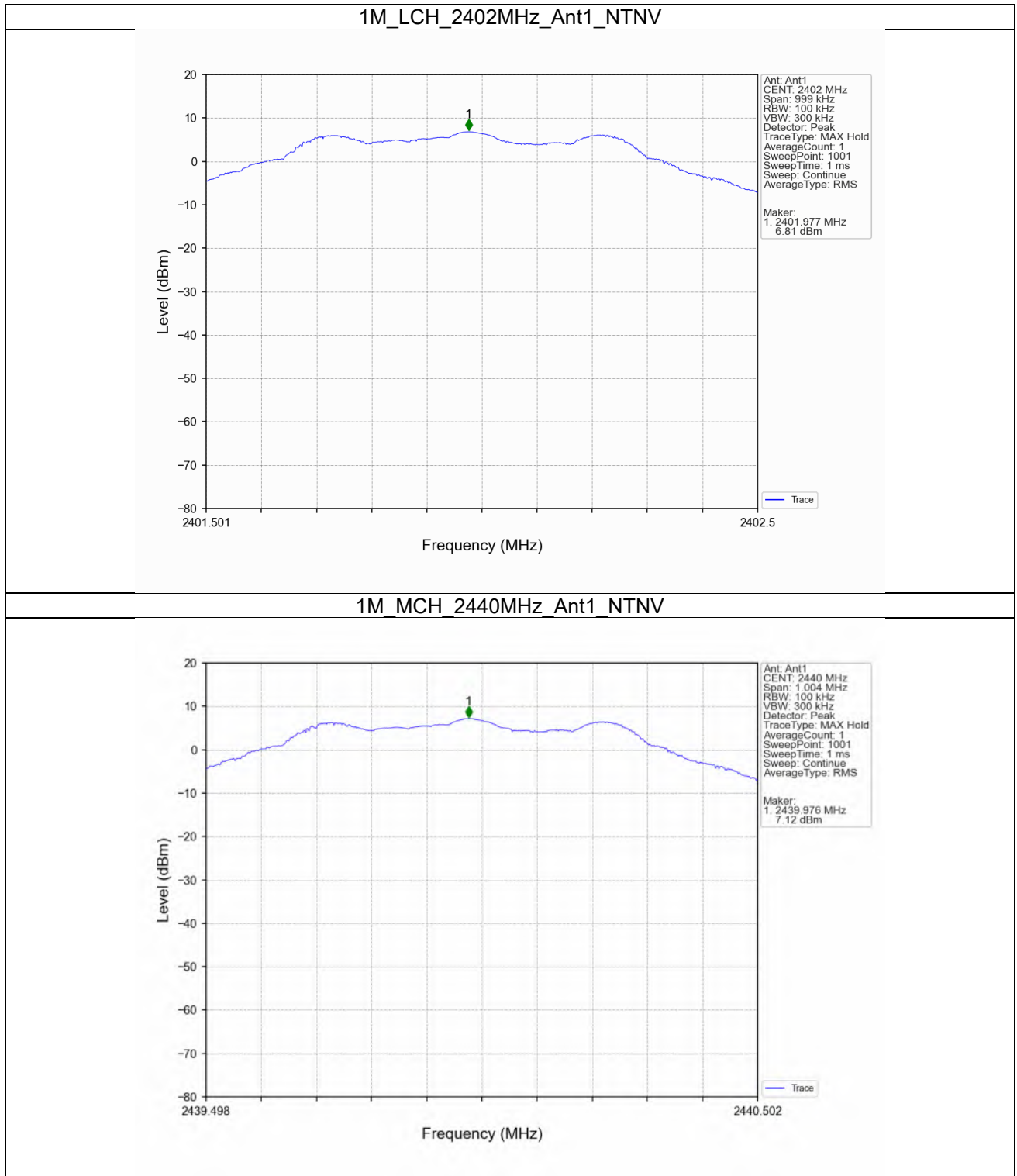
4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	6.81	<=8	Pass
		2440	7.12	<=8	Pass
		2480	6.64	<=8	Pass
2M	SISO	2402	6.84	<=8	Pass
		2440	7.12	<=8	Pass
		2480	6.68	<=8	Pass

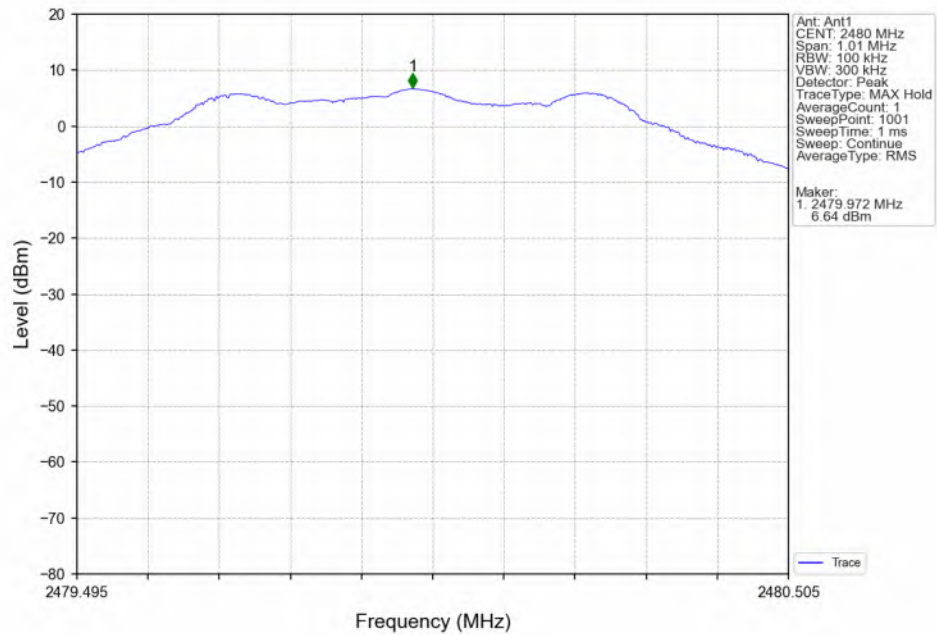
Note1: Antenna Gain: Ant1: 1.50dBi;

4.2 Test Graph

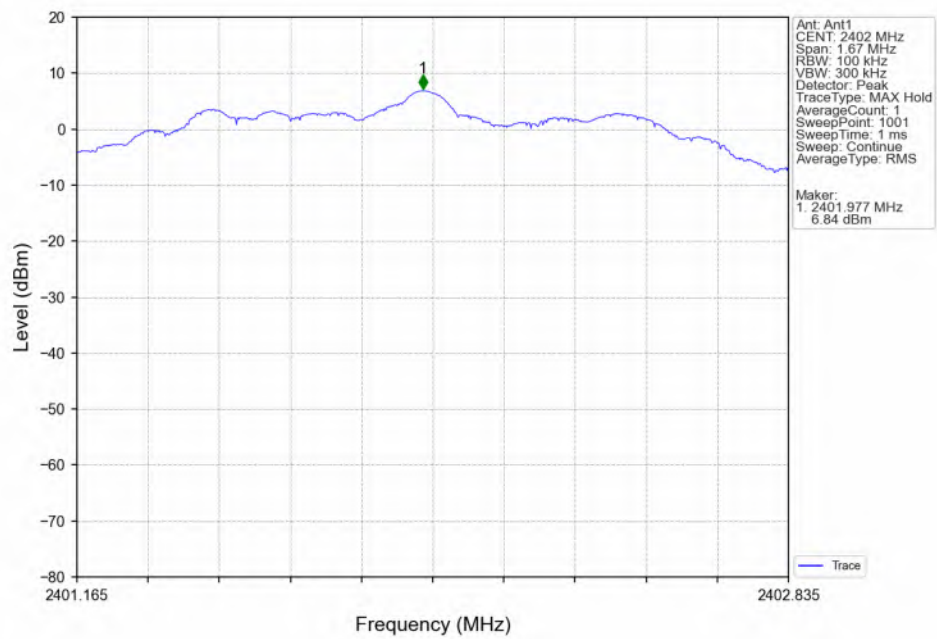
4.2.1 PSD



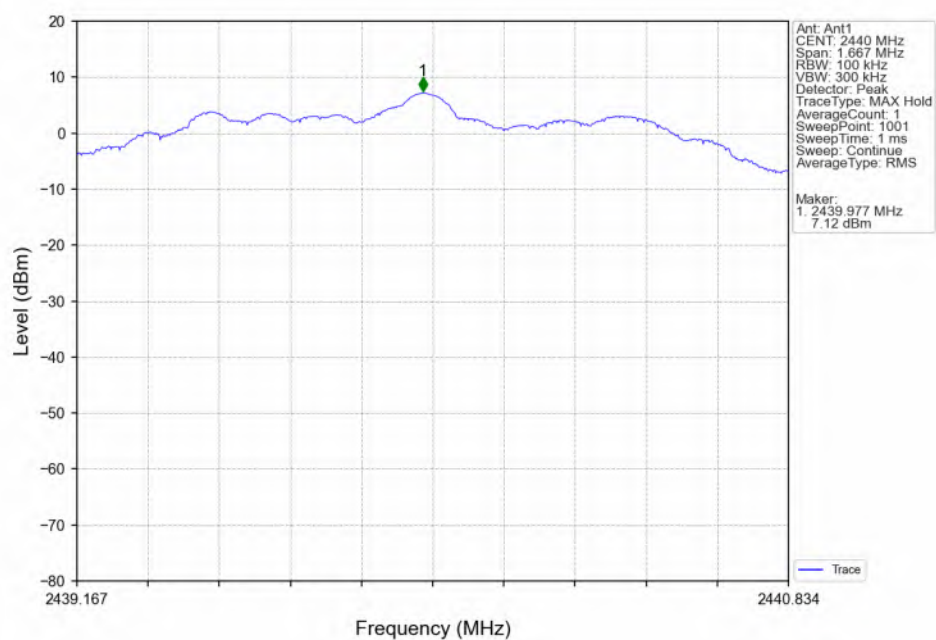
1M_HCH_2480MHz_Ant1_NTNV



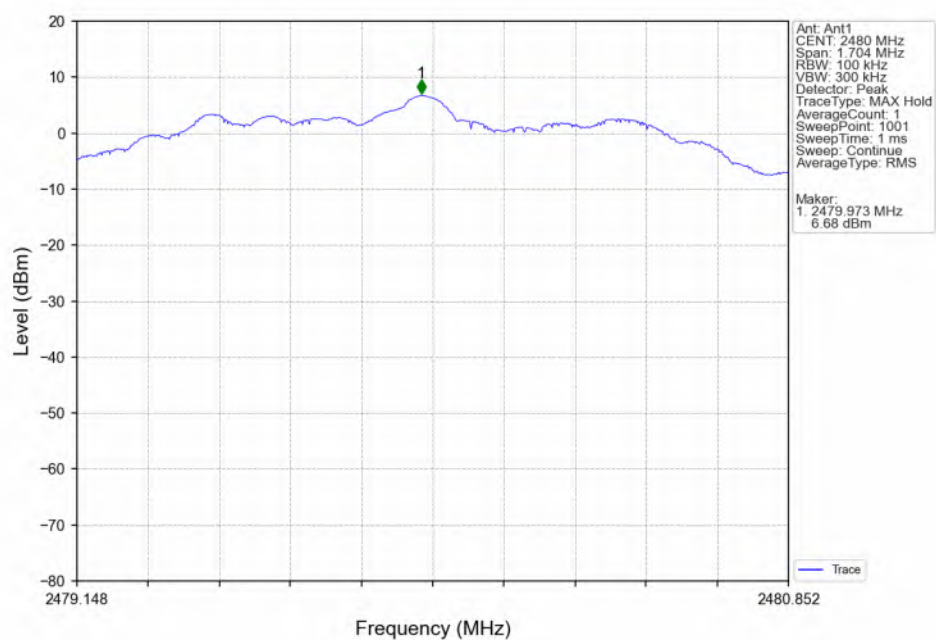
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



Appendix B.5: Test Results of Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	6.81
		2440	1	7.12
		2480	1	6.65
2M	SISO	2402	1	6.85
		2440	1	7.13
		2480	1	6.69

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

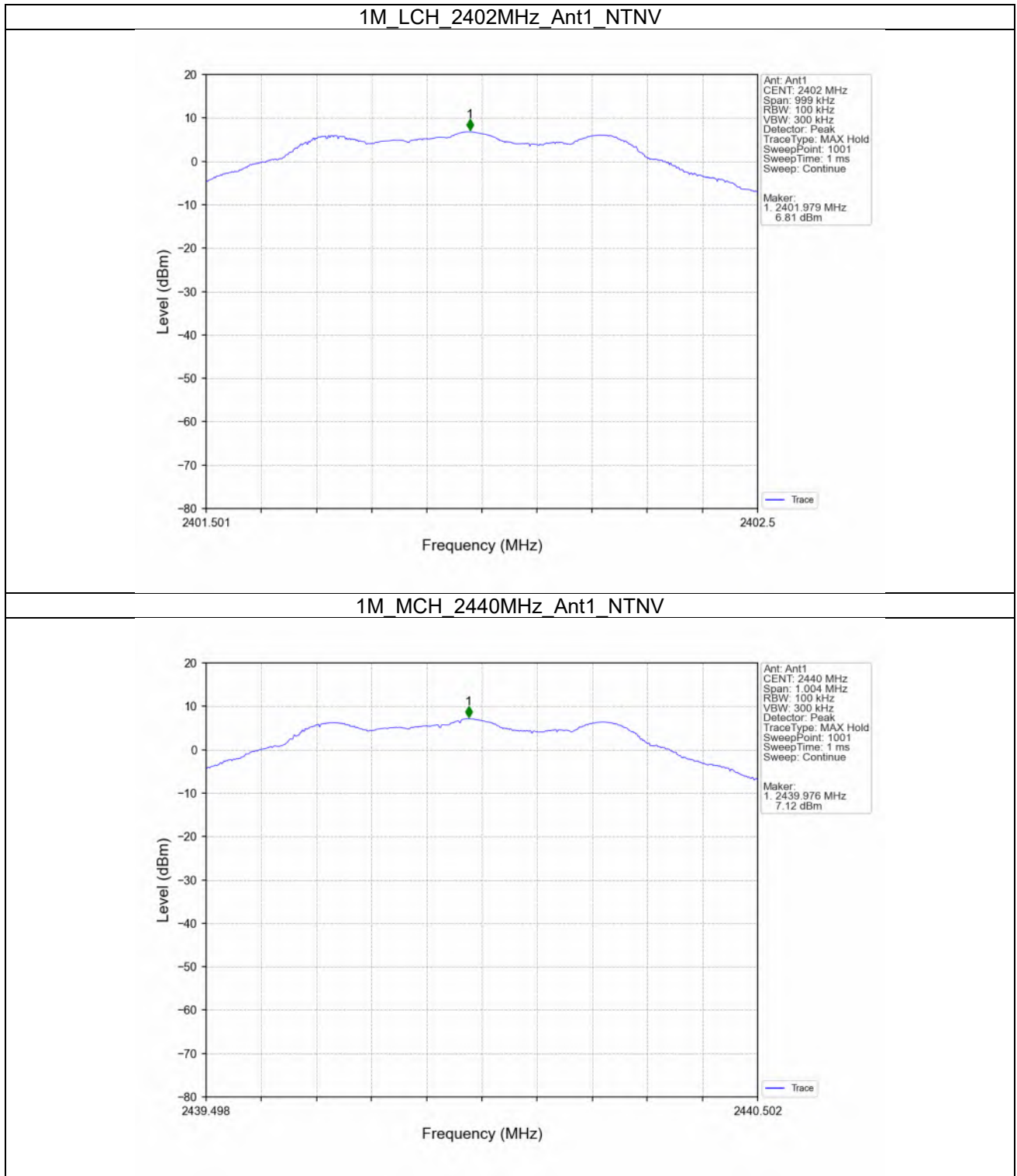
5.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	7.12	-12.88	Pass
		2440	1	7.12	-12.88	Pass
		2480	1	7.12	-12.88	Pass
2M	SISO	2402	1	7.13	-12.87	Pass
		2440	1	7.13	-12.87	Pass
		2480	1	7.13	-12.87	Pass

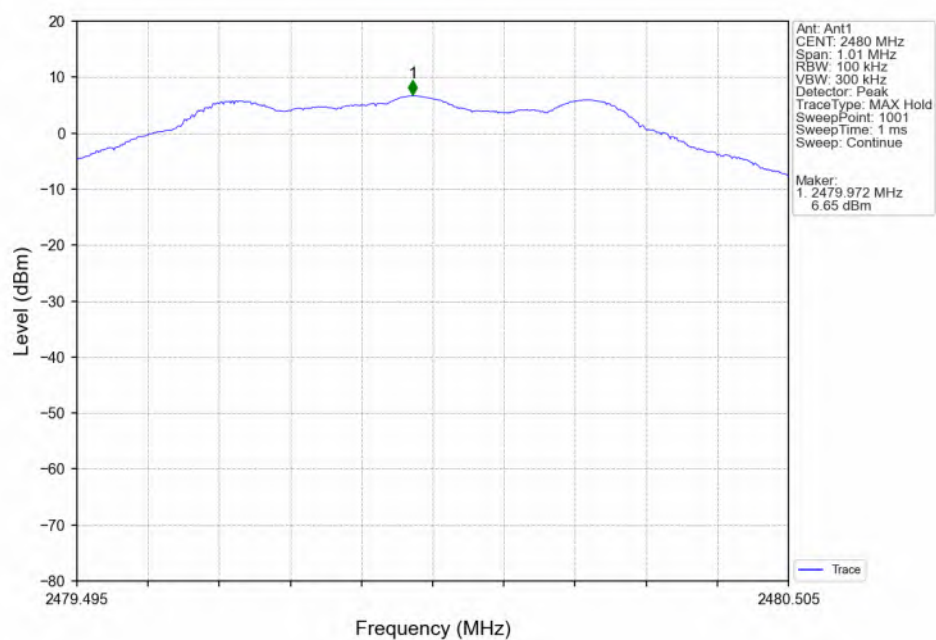
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

5.2 Test Graph

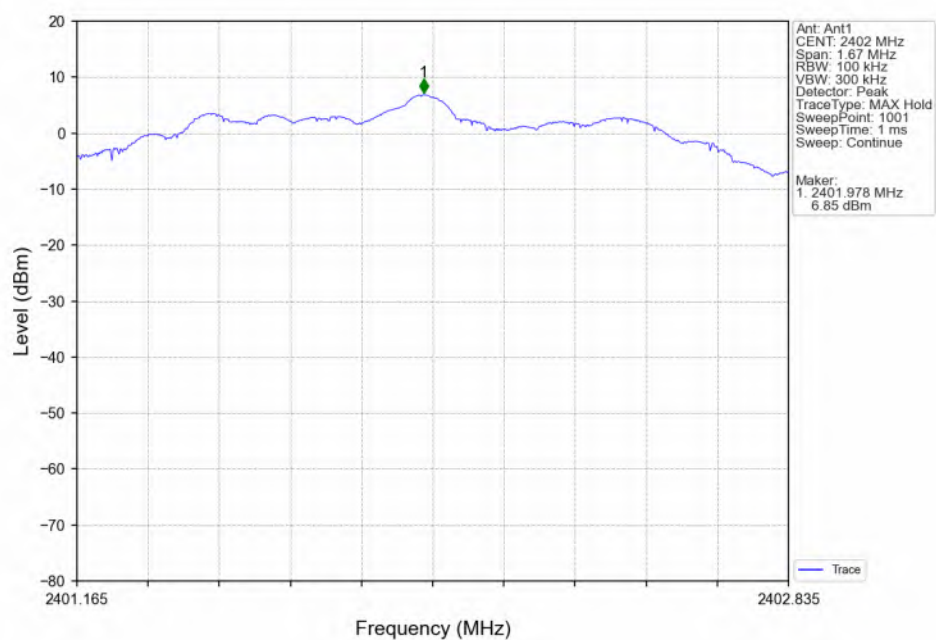
5.2.1 Ref



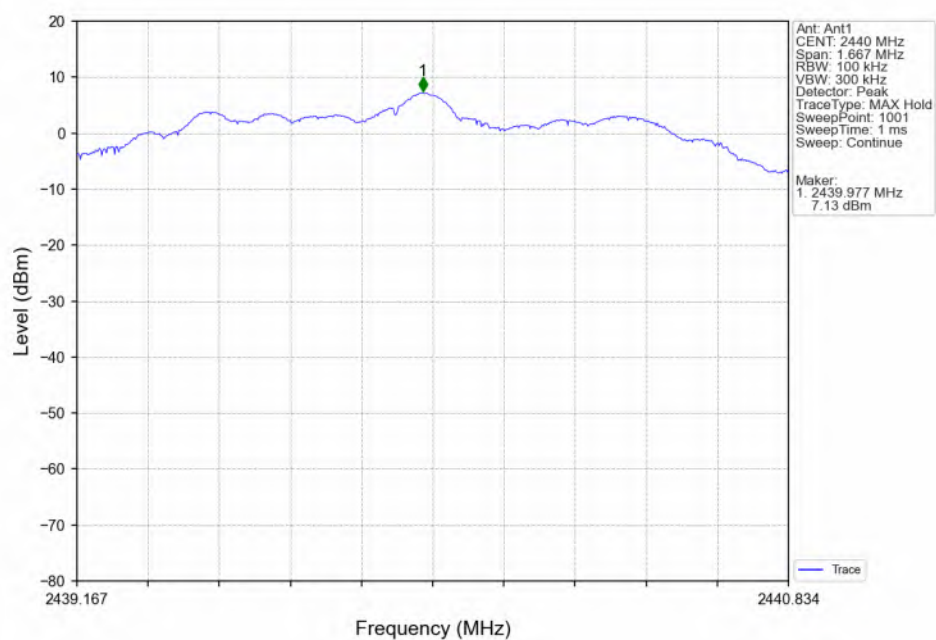
1M_HCH_2480MHz_Ant1_NTNV



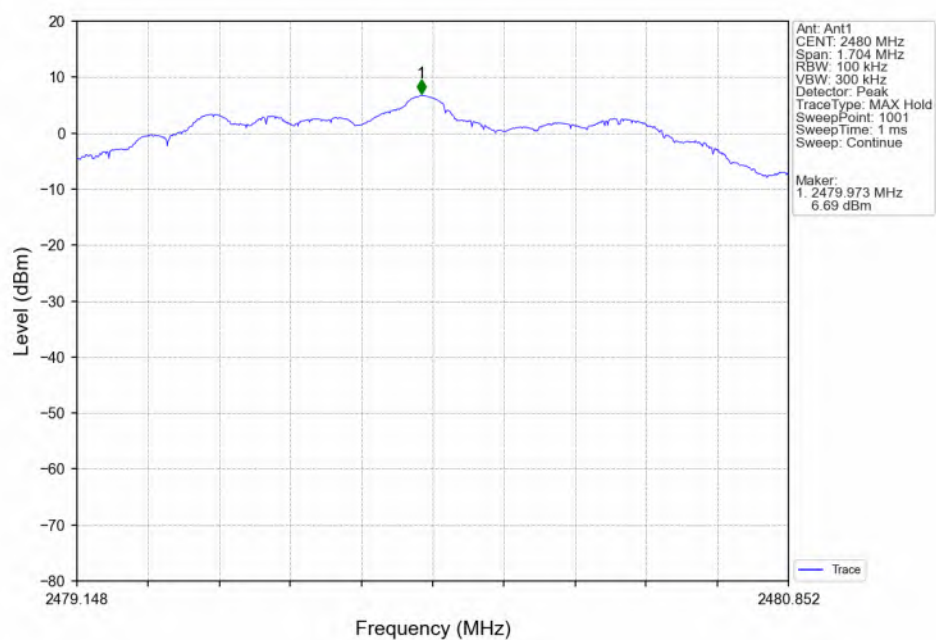
2M_LCH_2402MHz_Ant1_NTNV



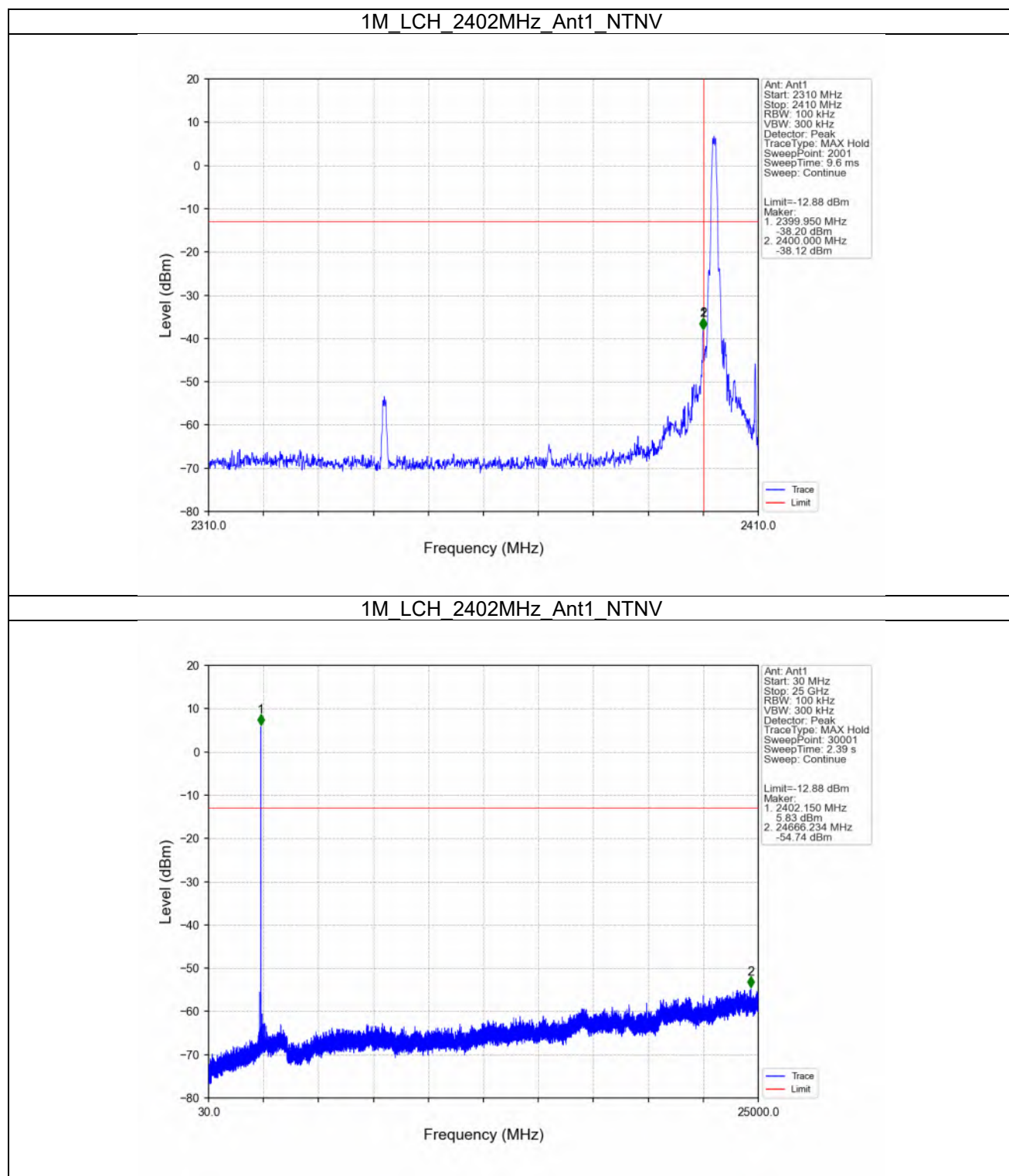
2M_MCH_2440MHz_Ant1_NTNV



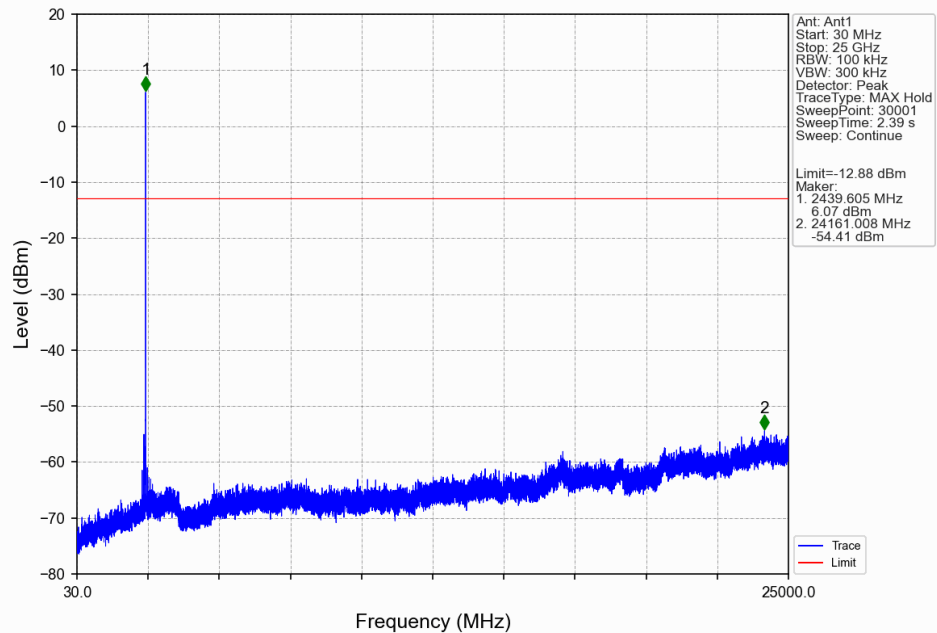
2M_HCH_2480MHz_Ant1_NTNV



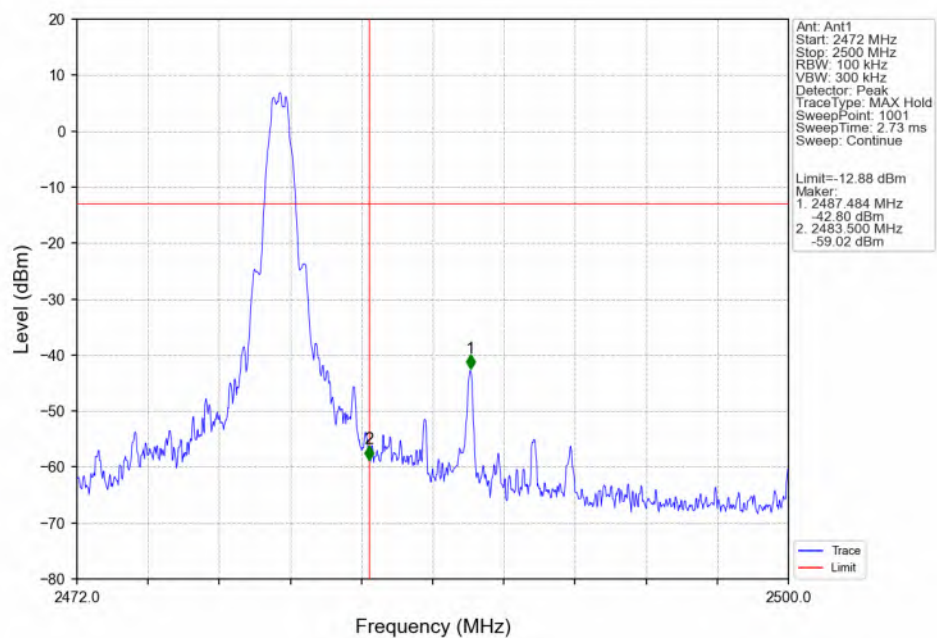
5.2.2 CSE



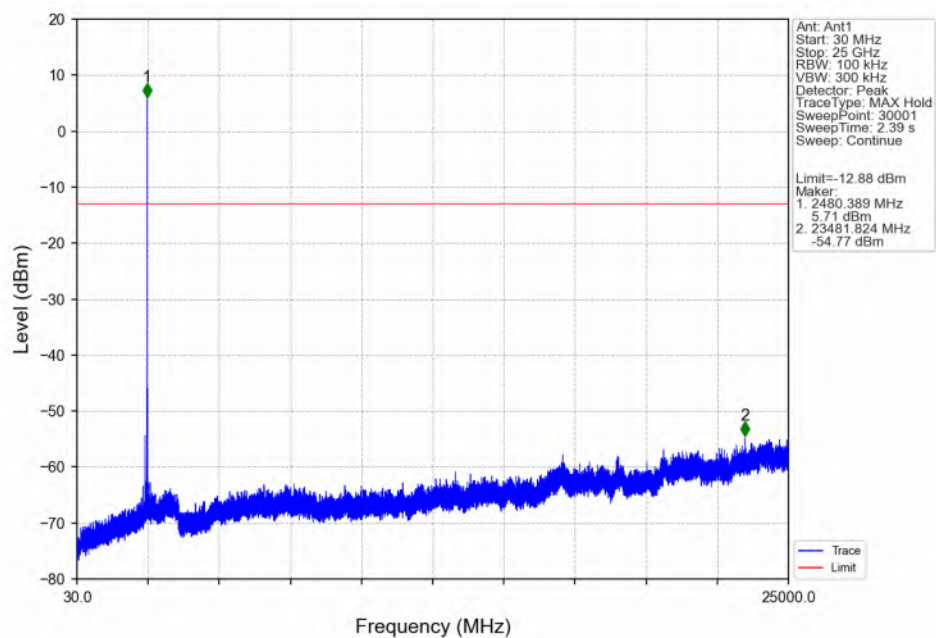
1M_MCH_2440MHz_Ant1_NTNV



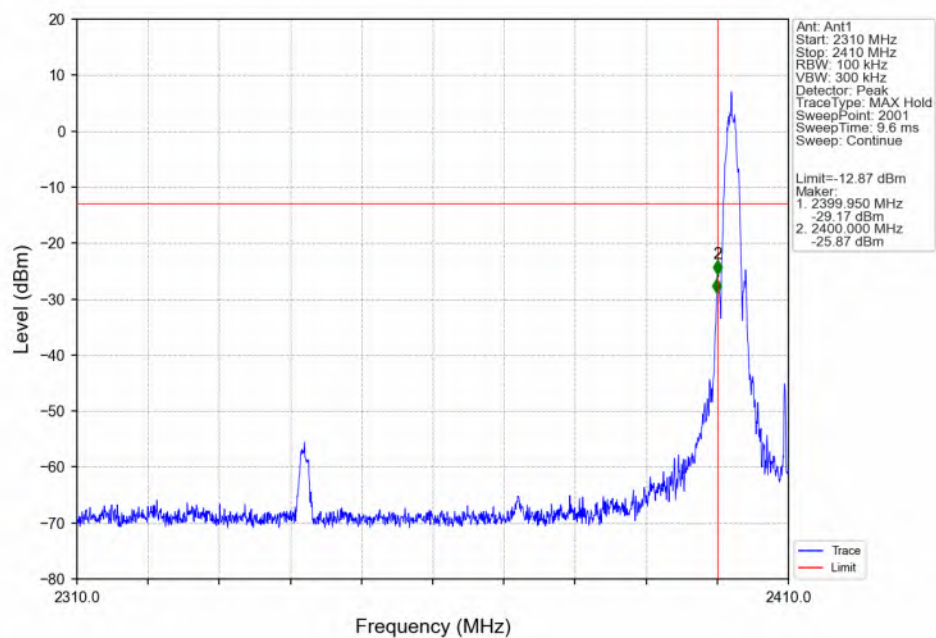
1M_HCH_2480MHz_Ant1_NTNV



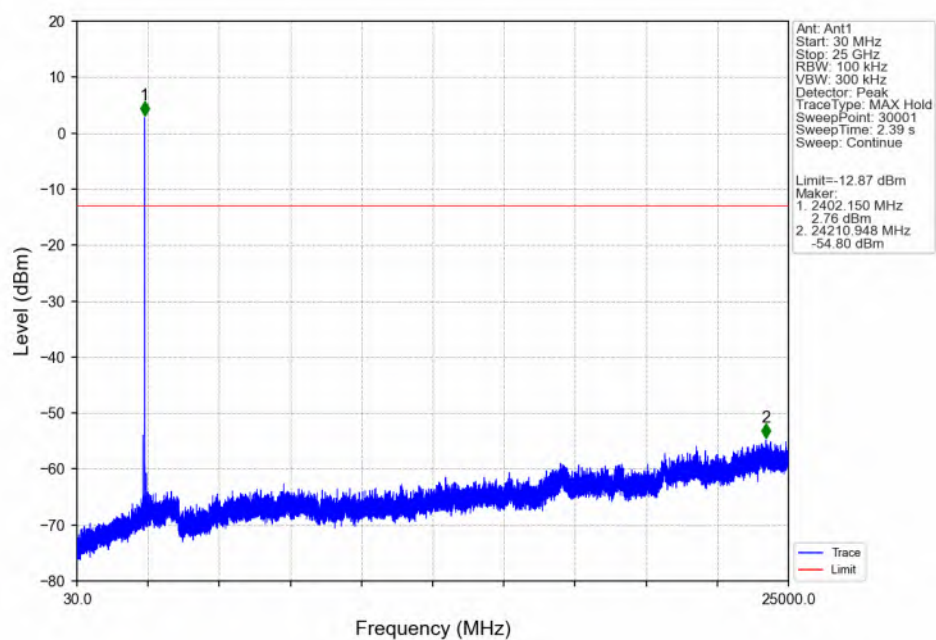
1M_HCH_2480MHz_Ant1_NTNV



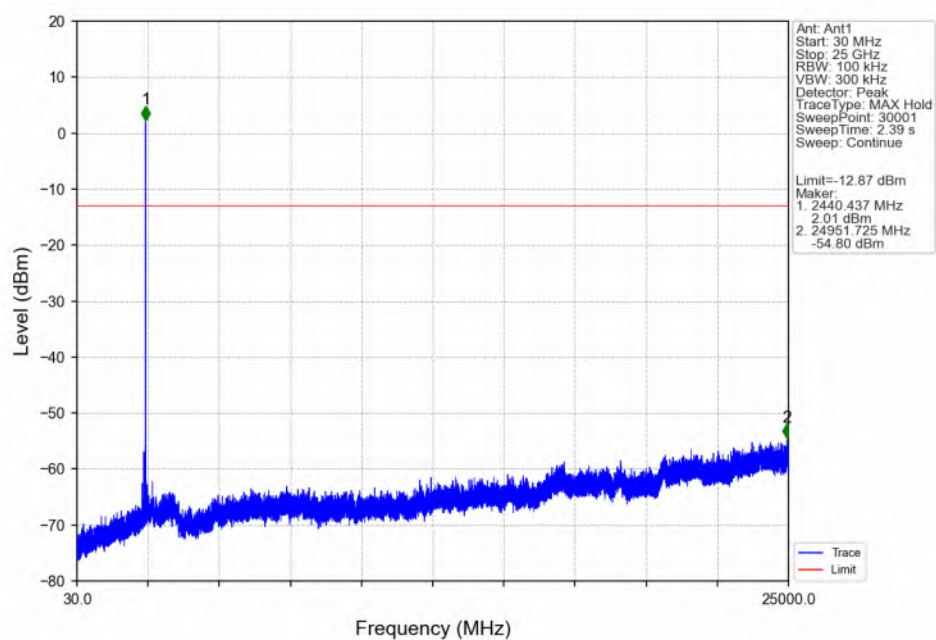
2M_LCH_2402MHz_Ant1_NTNV



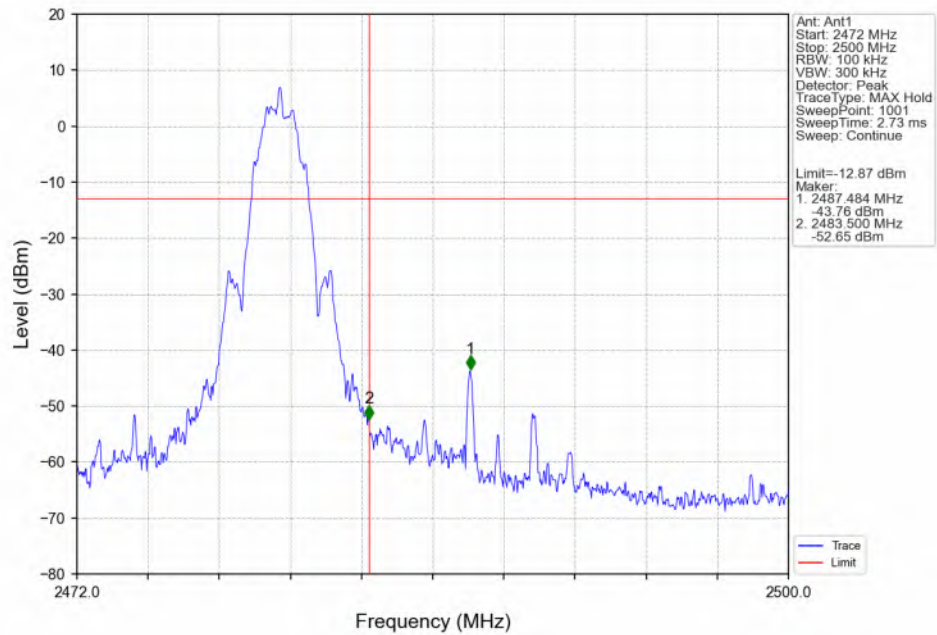
2M_LCH_2402MHz_Ant1_NTNV



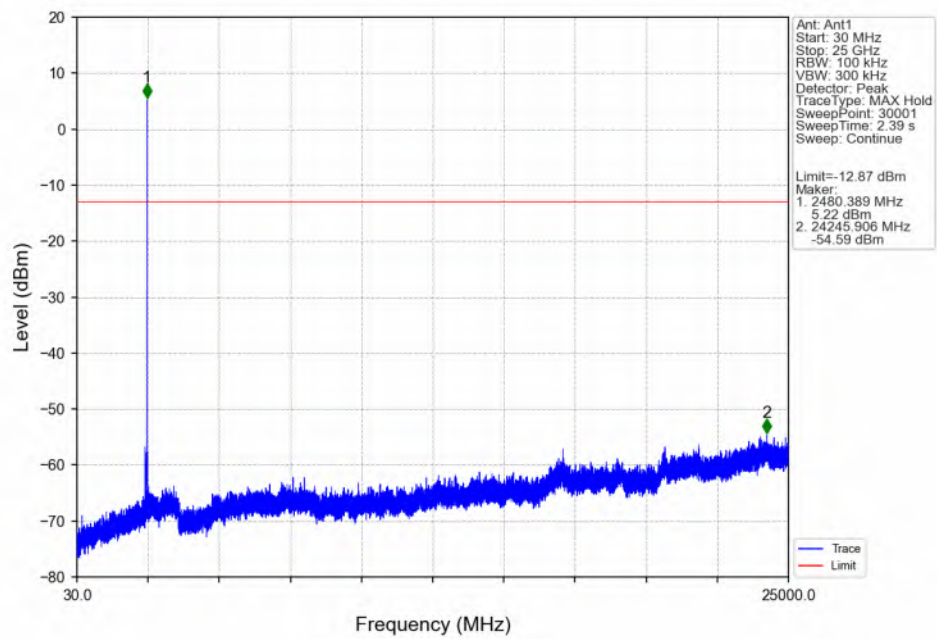
2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



Appendix B.6: Test Results of Radiated Spurious Emissions

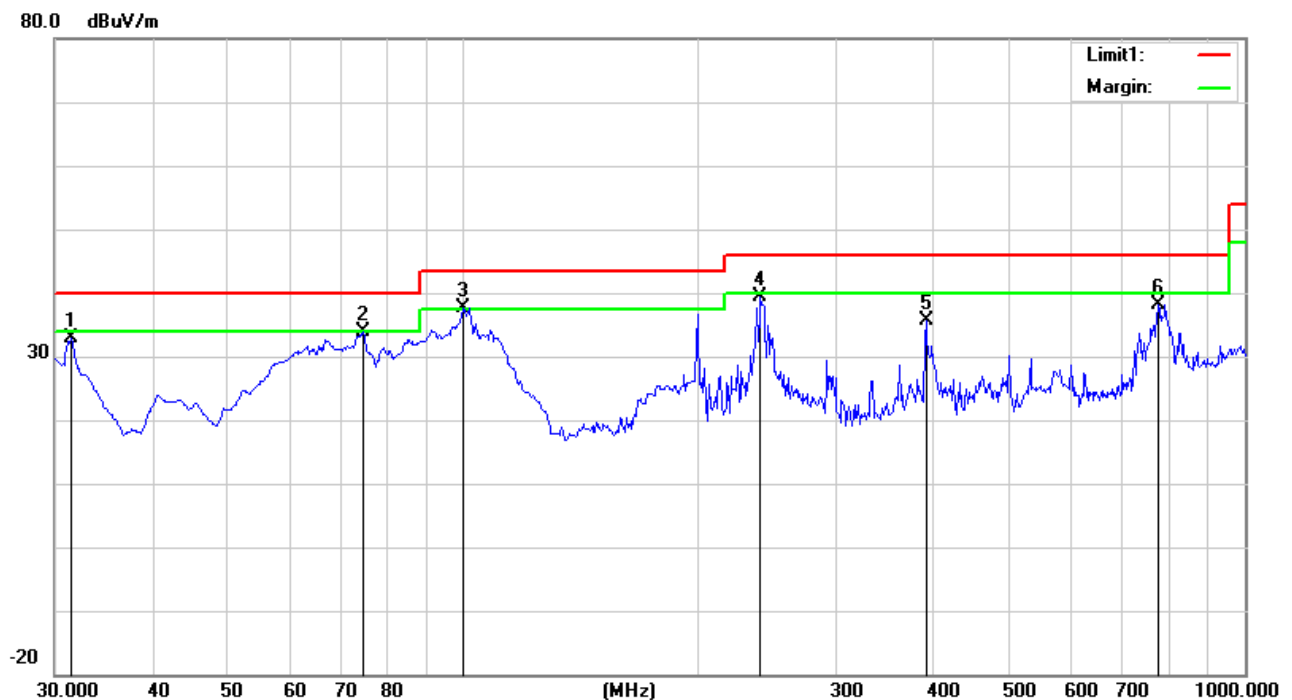
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz-26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz – 1GHz (Worst case)

Job No.:	STS2508034	Ant.Polar.:	Vertical
Standard:	FCC 15C_03M_QP	Date:	2025/9/25
Test item:	Radiated Emission	Temp.(C):	23.4(C)
Company:	Wi-Fi7 Router	Hum.(%RH):	60%RH
Model:	AR1544G	Power:	AC 120V/60Hz
Mode:	BLE 1M_ch21	Test By:	Skylar.Li

Description:



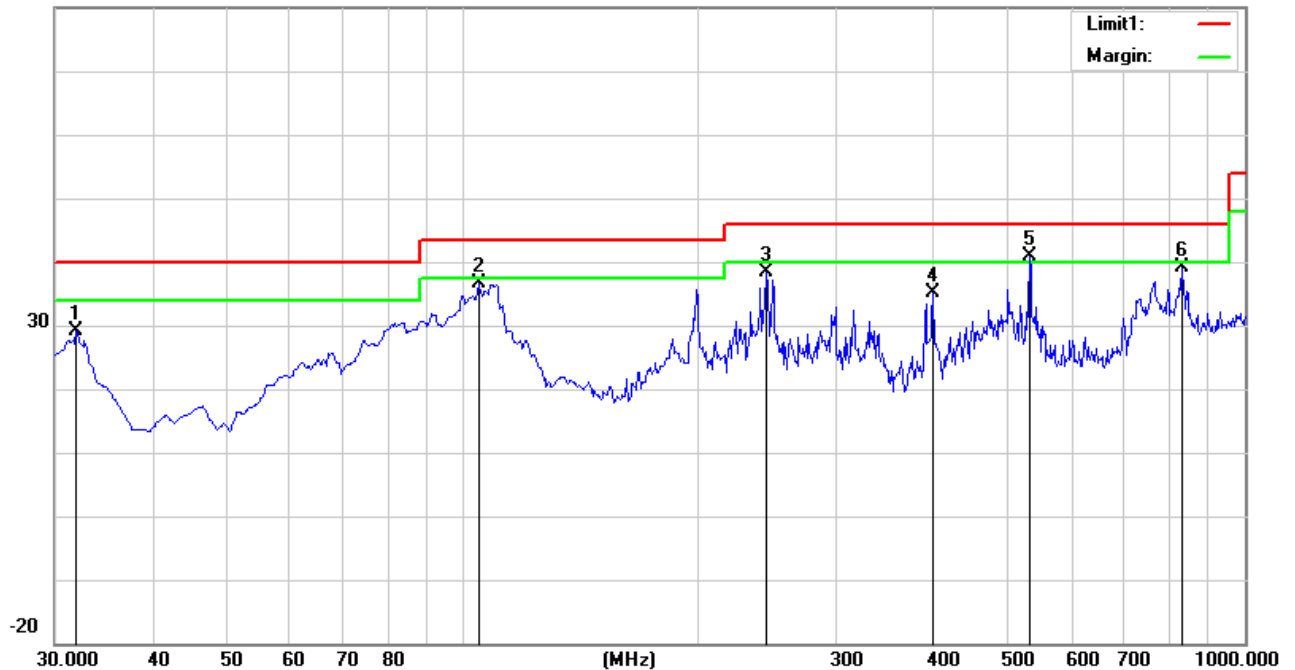
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.5093	46.62	-13.63	32.99	40.00	-7.01	peak
2	74.6200	57.75	-23.99	33.76	40.00	-6.24	peak
3	99.8777	57.82	-20.15	37.67	43.50	-5.83	peak
4	240.4900	57.40	-17.93	39.47	46.00	-6.53	peak
5	390.8400	47.06	-11.54	35.52	46.00	-10.48	peak
6	775.9300	40.39	-2.26	38.13	46.00	-7.87	peak

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: BLE 1M_ch21

Ant.Polar.: Horizontal
Date: 2025/9/25
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

80.0 dBuV/m



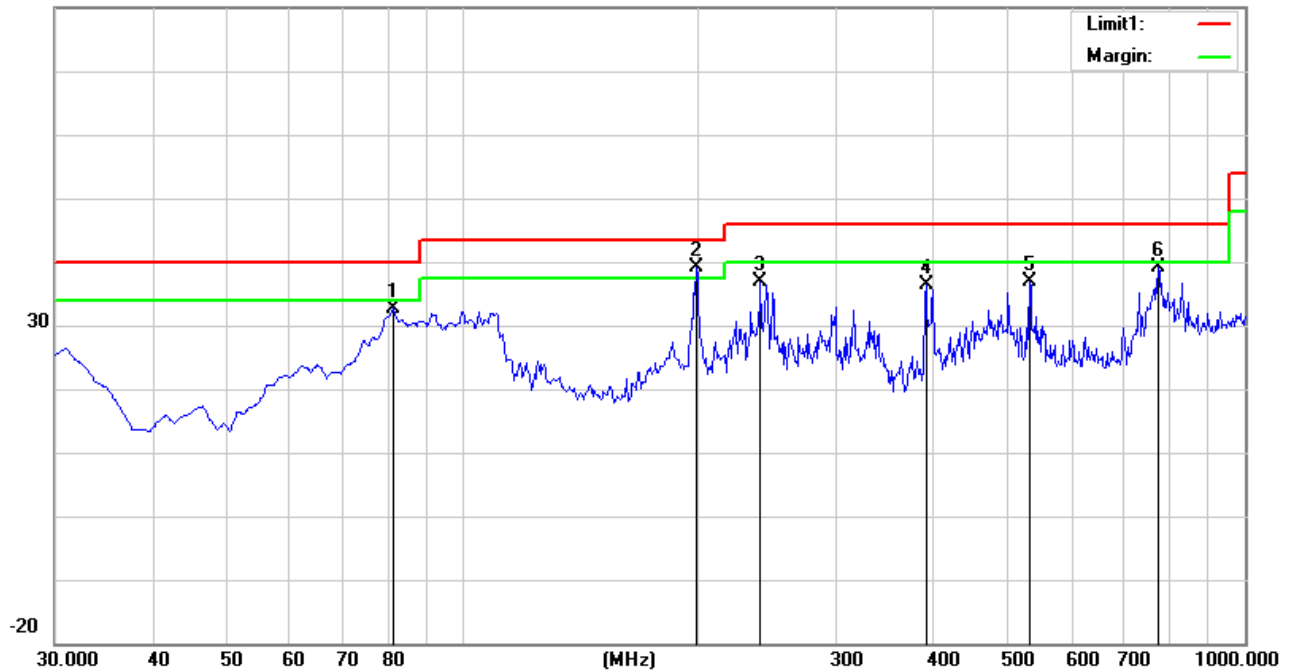
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.9543	42.90	-13.87	29.03	40.00	-10.97	peak
2	104.6900	56.24	-19.63	36.61	43.50	-6.89	peak
3	244.3700	55.56	-17.12	38.44	46.00	-7.56	peak
4	399.5700	46.23	-11.16	35.07	46.00	-10.93	peak
5	531.4900	48.36	-7.37	40.99	46.00	-5.01	peak
6	832.1900	39.78	-0.66	39.12	46.00	-6.88	peak

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: BLE 2M_ch21

Ant.Polar.: Horizontal
Date: 2025/9/25
Temp.(C): 23.4(C)
Hum.(%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

80.0 dBuV/m



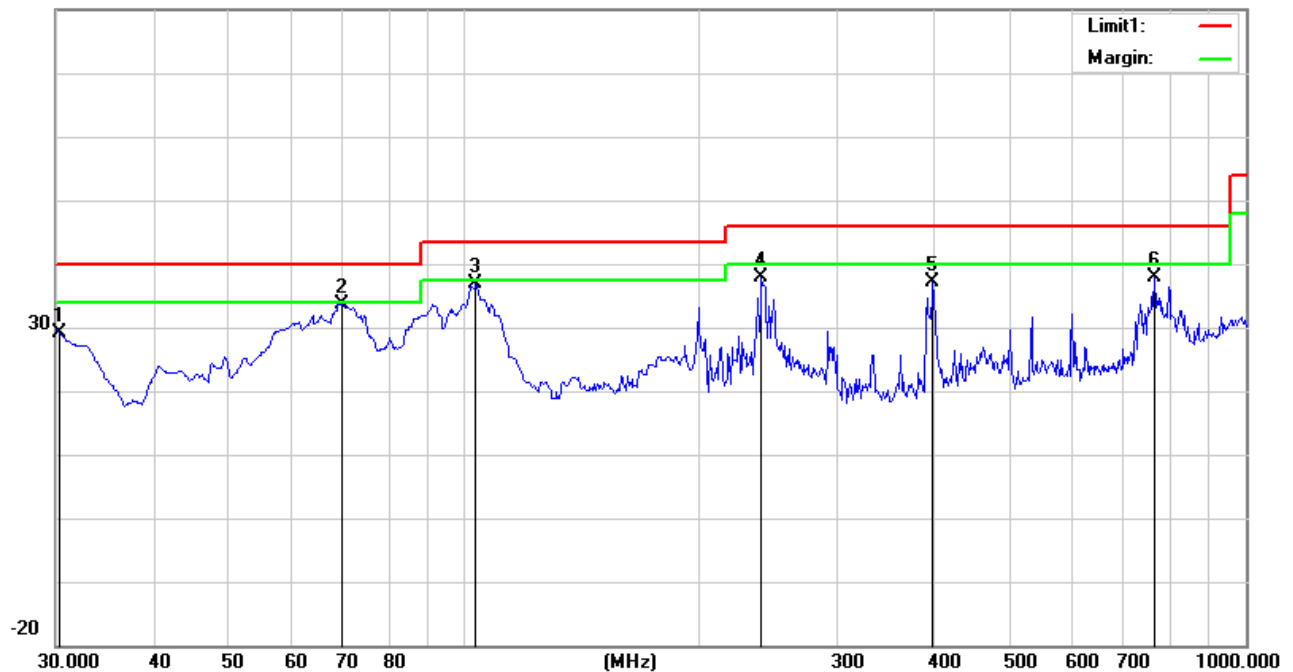
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	81.4100	55.57	-22.82	32.75	40.00	-7.25	peak
2	198.7800	60.14	-21.12	39.02	43.50	-4.48	peak
3	240.4900	54.80	-17.93	36.87	46.00	-9.13	peak
4	390.8400	48.02	-11.54	36.48	46.00	-9.52	peak
5	531.4900	44.36	-7.37	36.99	46.00	-9.01	peak
6	774.9600	41.38	-2.28	39.10	46.00	-6.90	peak

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: BLE 2M_ch21

Ant.Polar.: Vertical
Date: 2025/9/25
Temp.(C): 23.4(C)
Hum.(%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

80.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.3170	42.14	-13.01	29.13	40.00	-10.87	peak
2	69.7700	58.56	-24.91	33.65	40.00	-6.35	peak
3	103.7200	56.61	-19.73	36.88	43.50	-6.62	peak
4	240.4900	55.90	-17.93	37.97	46.00	-8.03	peak
5	398.6000	48.23	-11.20	37.03	46.00	-8.97	peak
6	765.2600	40.08	-2.25	37.83	46.00	-8.17	peak

Prüfbericht - Produkte

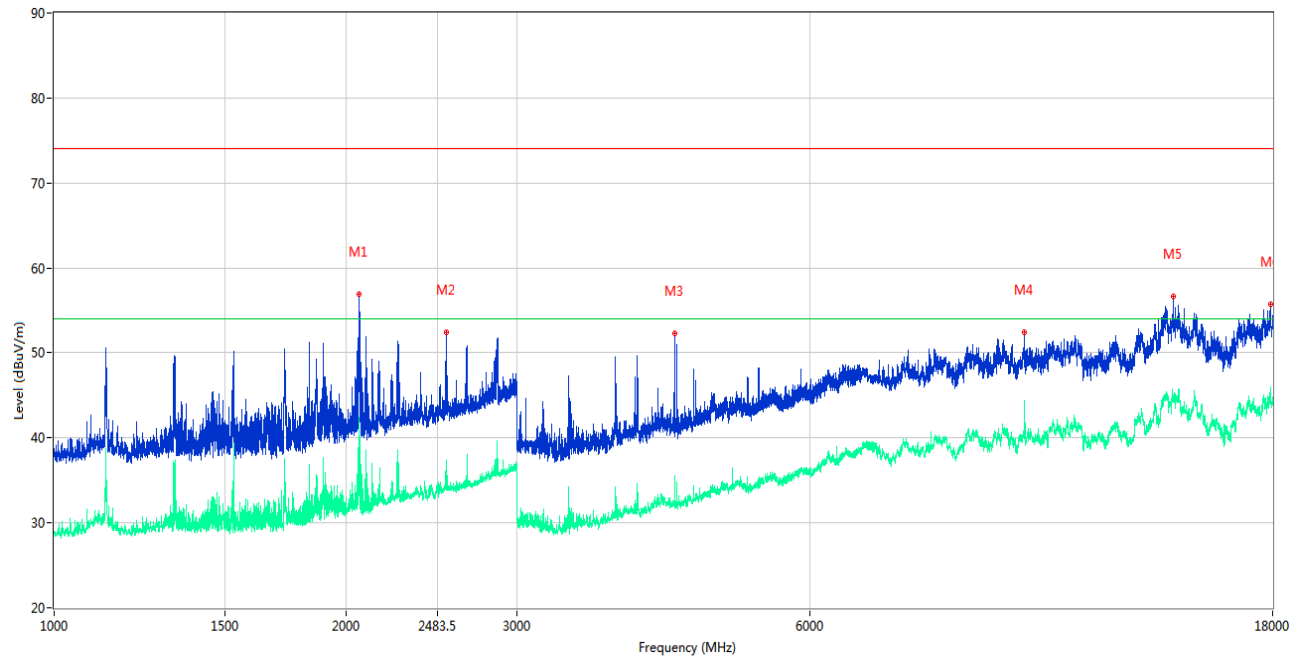
Test Report - Products

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: BLE 1M_ch1

Ant.Polar.: Vertical
Date: 2025/9/26
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2063.000	56.88	0.83	74.0	17.12	Peak	102.20	100	Vertical	Pass
1**	2063.000	42.45	0.83	54.0	11.55	AV	102.20	100	Vertical	Pass
2	2533.500	52.44	3.42	74.0	21.56	Peak	102.20	100	Vertical	Pass
2**	2533.500	37.44	3.42	54.0	16.56	AV	102.20	100	Vertical	Pass
3	4360.000	52.36	-8.39	74.0	21.64	Peak	235.70	100	Vertical	Pass
3**	4360.000	35.56	-8.39	54.0	18.44	AV	235.70	100	Vertical	Pass
4	10000.250	52.45	1.21	74.0	21.55	Peak	326.50	100	Vertical	Pass
4**	10000.250	44.40	1.21	54.0	9.60	AV	326.50	100	Vertical	Pass
5	14218.750	56.62	6.95	74.0	17.38	Peak	60.60	100	Vertical	Pass
5**	14218.750	44.57	6.95	54.0	9.43	AV	60.60	100	Vertical	Pass
6	17898.250	55.76	7.22	74.0	18.24	Peak	158.80	100	Vertical	Pass
6**	17898.250	45.51	7.22	54.0	8.49	AV	158.80	100	Vertical	Pass

Prüfbericht - Produkte

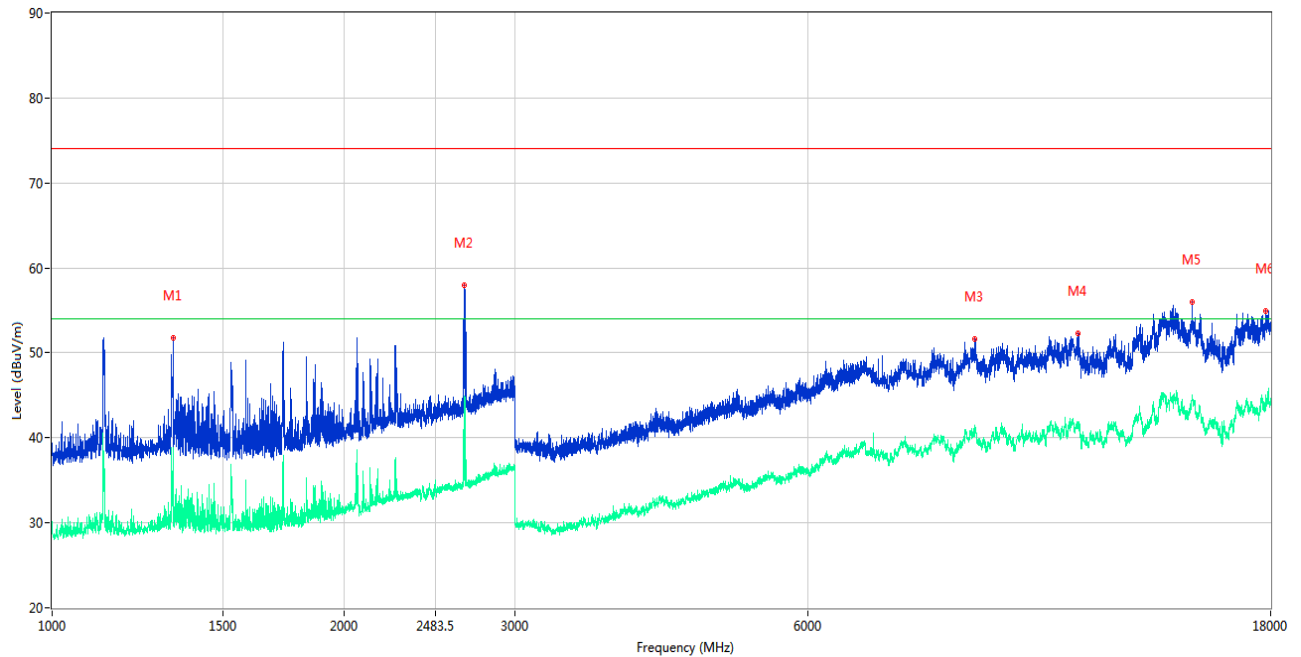
Test Report - Products

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: BLE 1M_ch1

Ant.Polar.: Horizontal
Date: 2025/9/26
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.000	51.75	-1.28	74.0	22.25	Peak	71.60	100	Horizontal	Pass
1**	1333.000	38.87	-1.28	54.0	15.13	AV	71.60	100	Horizontal	Pass
2	2656.500	57.97	3.98	74.0	16.03	Peak	306.80	100	Horizontal	Pass
2**	2656.500	43.82	3.98	54.0	10.18	AV	306.80	100	Horizontal	Pass
3	8914.000	51.68	1.40	74.0	22.32	Peak	293.70	100	Horizontal	Pass
3**	8914.000	41.01	1.40	54.0	12.99	AV	293.70	100	Horizontal	Pass
4	11394.500	52.35	1.97	74.0	21.65	Peak	358.30	100	Horizontal	Pass
4**	11394.500	41.59	1.97	54.0	12.41	AV	358.30	100	Horizontal	Pass
5	14939.250	56.03	5.40	74.0	17.97	Peak	277.00	100	Horizontal	Pass
5**	14939.250	44.61	5.40	54.0	9.39	AV	277.00	100	Horizontal	Pass
6	17791.001	54.89	6.34	74.0	19.11	Peak	338.80	100	Horizontal	Pass
6**	17791.001	44.74	6.34	54.0	9.26	AV	338.80	100	Horizontal	Pass

Prüfbericht - Produkte

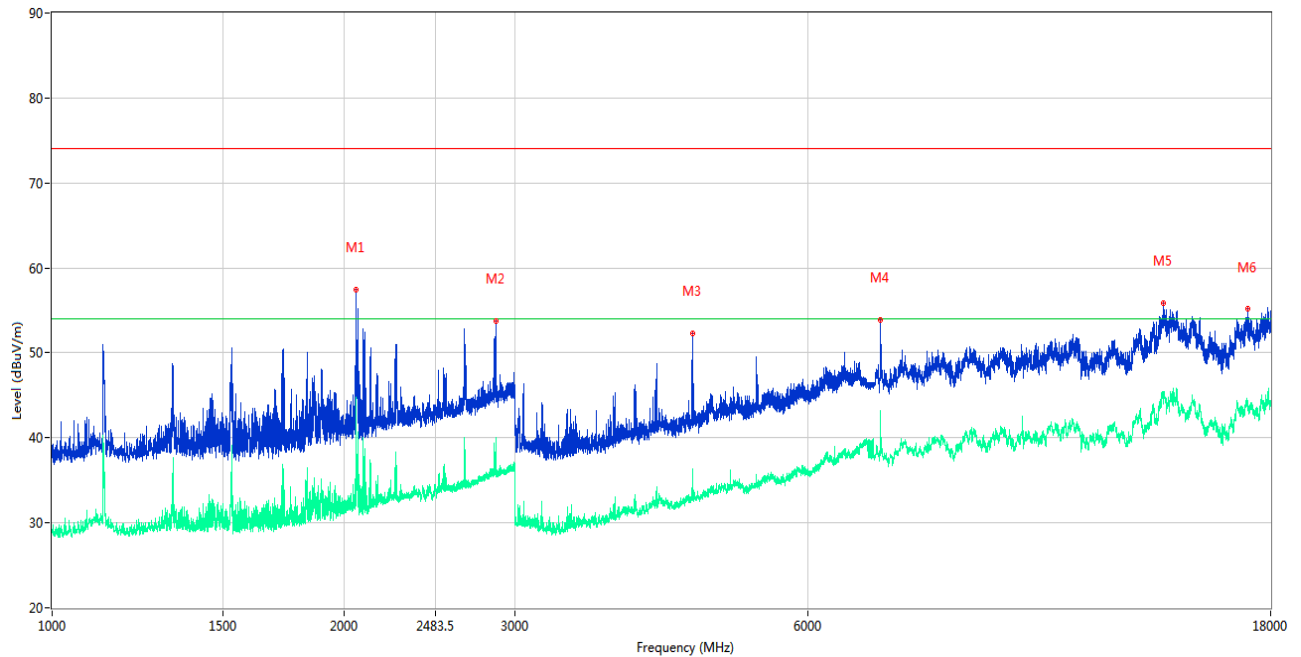
Test Report - Products

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: BLE 1M_ch21

Ant.Polar.: Vertical
Date: 2025/9/26
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2057.000	57.47	0.82	74.0	16.53	Peak	102.10	100	Vertical	Pass
1**	2057.000	44.81	0.82	54.0	9.19	AV	102.10	100	Vertical	Pass
2	2864.000	53.69	4.97	74.0	20.31	Peak	236.10	100	Vertical	Pass
2**	2864.000	40.00	4.97	54.0	14.00	AV	236.10	100	Vertical	Pass
3	4572.000	52.32	-7.82	74.0	21.68	Peak	243.40	100	Vertical	Pass
3**	4572.000	36.35	-7.82	54.0	17.65	AV	243.40	100	Vertical	Pass
4	7140.250	53.94	-1.78	74.0	20.06	Peak	272.60	100	Vertical	Pass
4**	7140.250	41.49	-1.78	54.0	12.51	AV	272.60	100	Vertical	Pass
5	13954.750	55.89	7.88	74.0	18.11	Peak	325.00	100	Vertical	Pass
5**	13954.750	45.01	7.88	54.0	8.99	AV	325.00	100	Vertical	Pass
6	17031.999	55.14	5.20	74.0	18.86	Peak	268.50	100	Vertical	Pass
6**	17031.999	44.40	5.20	54.0	9.60	AV	268.50	100	Vertical	Pass

Prüfbericht - Produkte

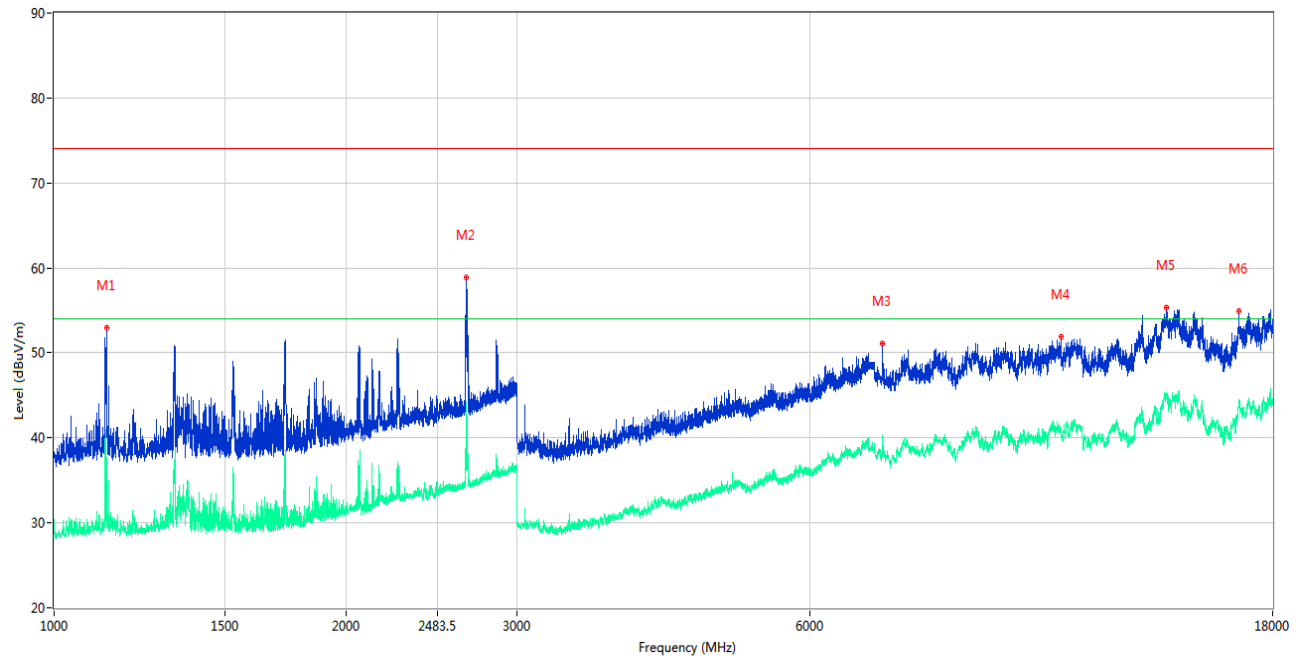
Test Report - Products

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: BLE 1M_ch21

Ant.Polar.: Horizontal
Date: 2025/9/26
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1133.500	52.97	-1.70	74.0	21.03	Peak	150.60	100	Horizontal	Pass
1**	1133.500	37.59	-1.70	54.0	16.41	AV	150.60	100	Horizontal	Pass
2	2661.000	58.86	3.98	74.0	15.14	Peak	129.40	100	Horizontal	Pass
2**	2661.000	44.23	3.98	54.0	9.77	AV	129.40	100	Horizontal	Pass
3	7134.750	51.07	-1.77	74.0	22.93	Peak	176.10	100	Horizontal	Pass
3**	7134.750	39.68	-1.77	54.0	14.32	AV	176.10	100	Horizontal	Pass
4	10885.750	51.88	1.80	74.0	22.12	Peak	297.70	100	Horizontal	Pass
4**	10885.750	40.93	1.80	54.0	13.07	AV	297.70	100	Horizontal	Pass
5	13990.500	55.39	8.33	74.0	18.61	Peak	82.70	100	Horizontal	Pass
5**	13990.500	45.30	8.33	54.0	8.70	AV	82.70	100	Horizontal	Pass
6	16614.000	54.93	5.04	74.0	19.07	Peak	333.00	100	Horizontal	Pass
6**	16614.000	43.91	5.04	54.0	10.09	AV	333.00	100	Horizontal	Pass

Prüfbericht - Produkte

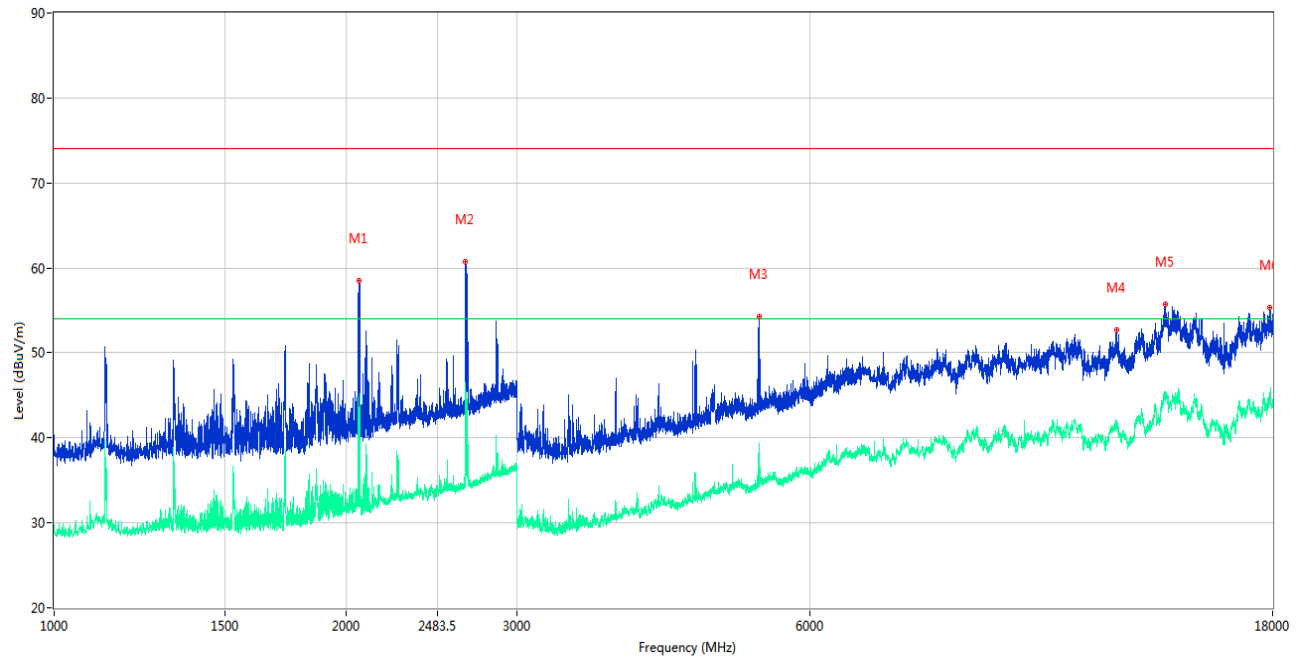
Test Report - Products

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: BLE 1M_ch40

Ant.Polar.: Vertical
Date: 2025/9/26
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2061.500	58.54	0.83	74.0	15.46	Peak	103.80	100	Vertical	Pass
1**	2061.500	43.66	0.83	54.0	10.34	AV	103.80	100	Vertical	Pass
2	2654.500	60.69	3.98	74.0	13.31	Peak	97.40	100	Vertical	Pass
2**	2654.500	46.51	3.98	54.0	7.49	AV	97.40	100	Vertical	Pass
3	5323.000	54.33	-5.46	74.0	19.67	Peak	174.30	100	Vertical	Pass
3**	5323.000	39.41	-5.46	54.0	14.59	AV	174.30	100	Vertical	Pass
4	12425.750	52.71	2.92	74.0	21.29	Peak	346.40	100	Vertical	Pass
4**	12425.750	41.45	2.92	54.0	12.55	AV	346.40	100	Vertical	Pass
5	13960.250	55.68	7.95	74.0	18.32	Peak	322.20	100	Vertical	Pass
5**	13960.250	44.56	7.95	54.0	9.44	AV	322.20	100	Vertical	Pass
6	17887.250	55.32	7.13	74.0	18.68	Peak	358.90	100	Vertical	Pass
6**	17887.250	45.25	7.13	54.0	8.75	AV	358.90	100	Vertical	Pass

Prüfbericht - Produkte

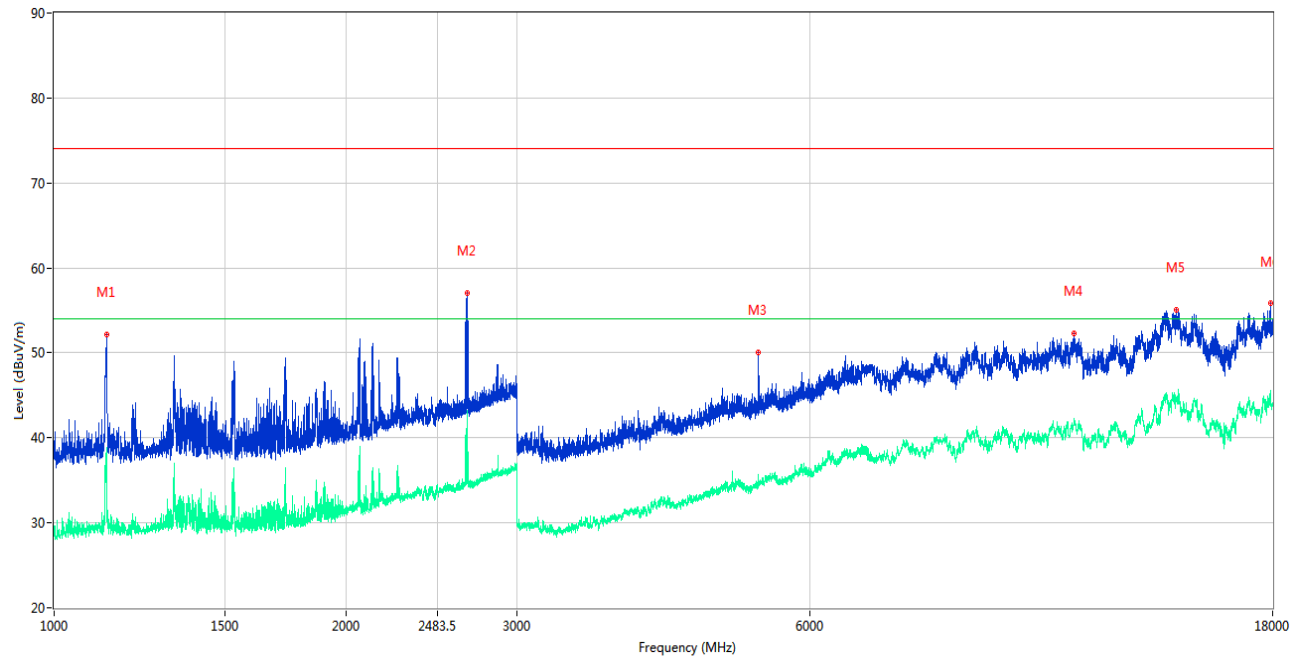
Test Report - Products

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: BLE 1M_ch40

Ant.Polar.: Horizontal
Date:2025/9/26
Temp.(C): 23.4(C)
Hum.(%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1132.500	52.19	-1.70	74.0	21.81	Peak	192.90	100	Horizontal	Pass
1**	1132.500	38.92	-1.70	54.0	15.08	AV	192.90	100	Horizontal	Pass
2	2663.500	57.10	3.98	74.0	16.90	Peak	143.00	100	Horizontal	Pass
2**	2663.500	43.20	3.98	54.0	10.80	AV	143.00	100	Horizontal	Pass
3	5316.000	50.00	-5.49	74.0	24.00	Peak	292.10	100	Horizontal	Pass
3**	5316.000	35.68	-5.49	54.0	18.32	AV	292.10	100	Horizontal	Pass
4	11237.750	52.29	2.49	74.0	21.71	Peak	360.00	100	Horizontal	Pass
4**	11237.750	42.16	2.49	54.0	11.84	AV	360.00	100	Horizontal	Pass
5	14337.000	55.09	6.92	74.0	18.91	Peak	139.00	100	Horizontal	Pass
5**	14337.000	44.39	6.92	54.0	9.61	AV	139.00	100	Horizontal	Pass
6	17920.250	55.79	7.08	74.0	18.21	Peak	9.90	100	Horizontal	Pass
6**	17920.250	44.91	7.08	54.0	9.09	AV	9.90	100	Horizontal	Pass

Prüfbericht - Produkte

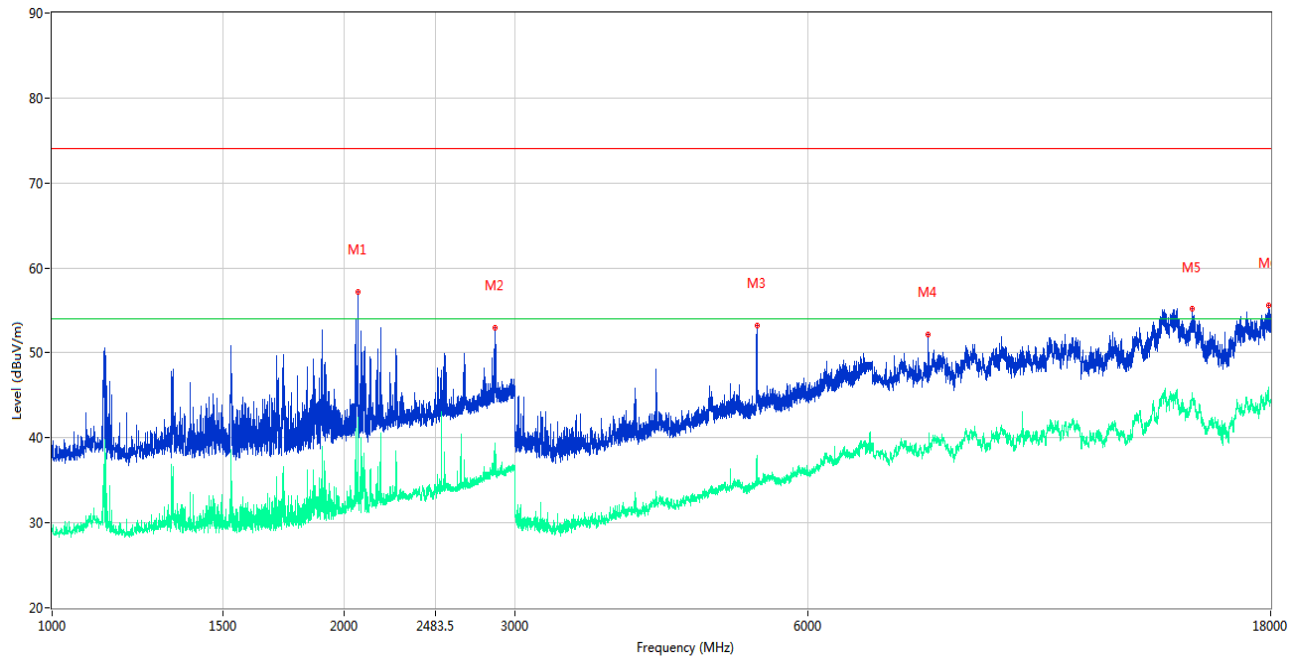
Test Report - Products

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: BLE 2M_ch1

Ant.Polar.: Vertical
Date: 2025/9/26
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2064.000	57.20	0.83	74.0	16.80	Peak	99.10	100	Vertical	Pass
1**	2064.000	42.40	0.83	54.0	11.60	AV	99.10	100	Vertical	Pass
2	2857.500	52.92	4.98	74.0	21.08	Peak	234.60	100	Vertical	Pass
2**	2857.500	39.33	4.98	54.0	14.67	AV	234.60	100	Vertical	Pass
3	5323.000	53.28	-5.46	74.0	20.72	Peak	178.00	100	Vertical	Pass
3**	5323.000	37.98	-5.46	54.0	16.02	AV	178.00	100	Vertical	Pass
4	7987.250	52.17	-0.77	74.0	21.83	Peak	125.60	100	Vertical	Pass
4**	7987.250	39.03	-0.77	54.0	14.97	AV	125.60	100	Vertical	Pass
5	14953.000	55.14	5.42	74.0	18.86	Peak	53.00	100	Vertical	Pass
5**	14953.000	44.84	5.42	54.0	9.16	AV	53.00	100	Vertical	Pass
6	17903.749	55.57	7.21	74.0	18.43	Peak	293.00	100	Vertical	Pass
6**	17903.749	45.61	7.21	54.0	8.39	AV	293.00	100	Vertical	Pass

Prüfbericht - Produkte

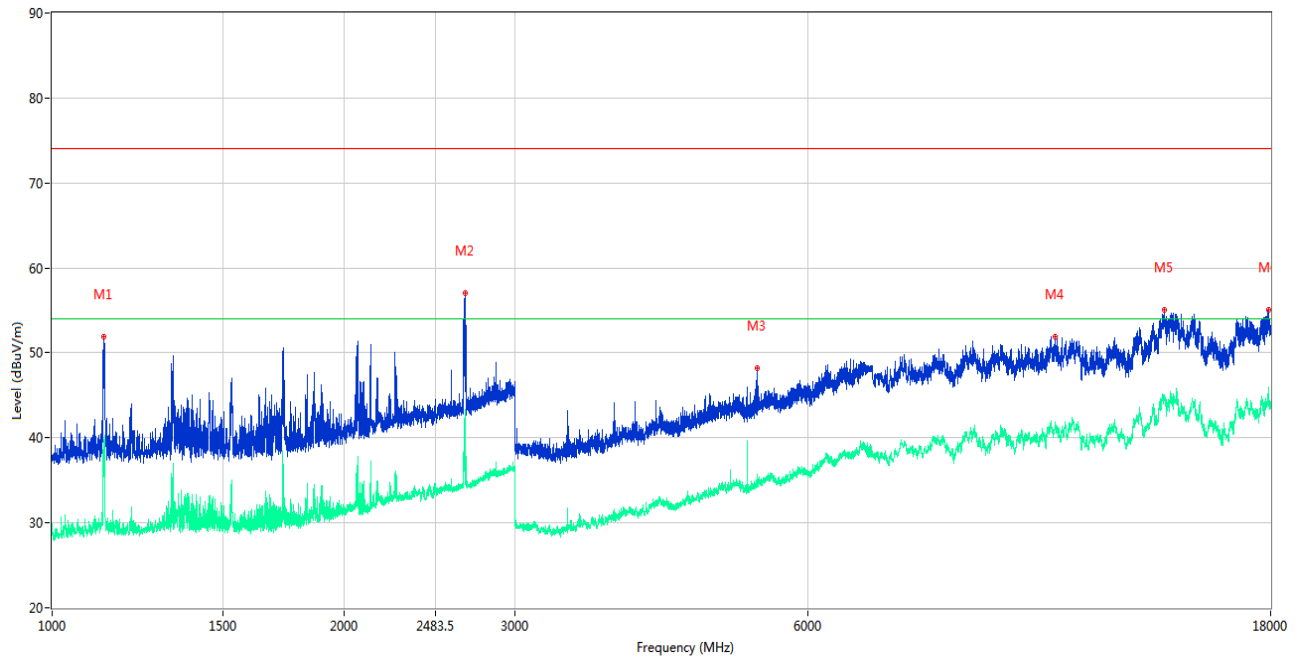
Test Report - Products

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: BLE 2M_ch1

Ant.Polar.: Horizontal
Date: 2025/9/26
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1130.000	51.94	-1.71	74.0	22.06	Peak	153.20	100	Horizontal	Pass
1**	1130.000	39.58	-1.71	54.0	14.42	AV	153.20	100	Horizontal	Pass
2	2666.500	57.04	3.98	74.0	16.96	Peak	127.90	100	Horizontal	Pass
2**	2666.500	43.27	3.98	54.0	10.73	AV	127.90	100	Horizontal	Pass
3	5331.000	48.18	-5.42	74.0	25.82	Peak	102.20	100	Horizontal	Pass
3**	5331.000	35.64	-5.42	54.0	18.36	AV	102.20	100	Horizontal	Pass
4	10795.000	51.93	2.00	74.0	22.07	Peak	36.10	100	Horizontal	Pass
4**	10795.000	41.31	2.00	54.0	12.69	AV	36.10	100	Horizontal	Pass
5	13987.750	55.06	8.30	74.0	18.94	Peak	355.00	100	Horizontal	Pass
5**	13987.750	44.66	8.30	54.0	9.34	AV	355.00	100	Horizontal	Pass
6	17906.500	55.05	7.19	74.0	18.95	Peak	99.30	100	Horizontal	Pass
6**	17906.500	45.28	7.19	54.0	8.72	AV	99.30	100	Horizontal	Pass

Prüfbericht - Produkte

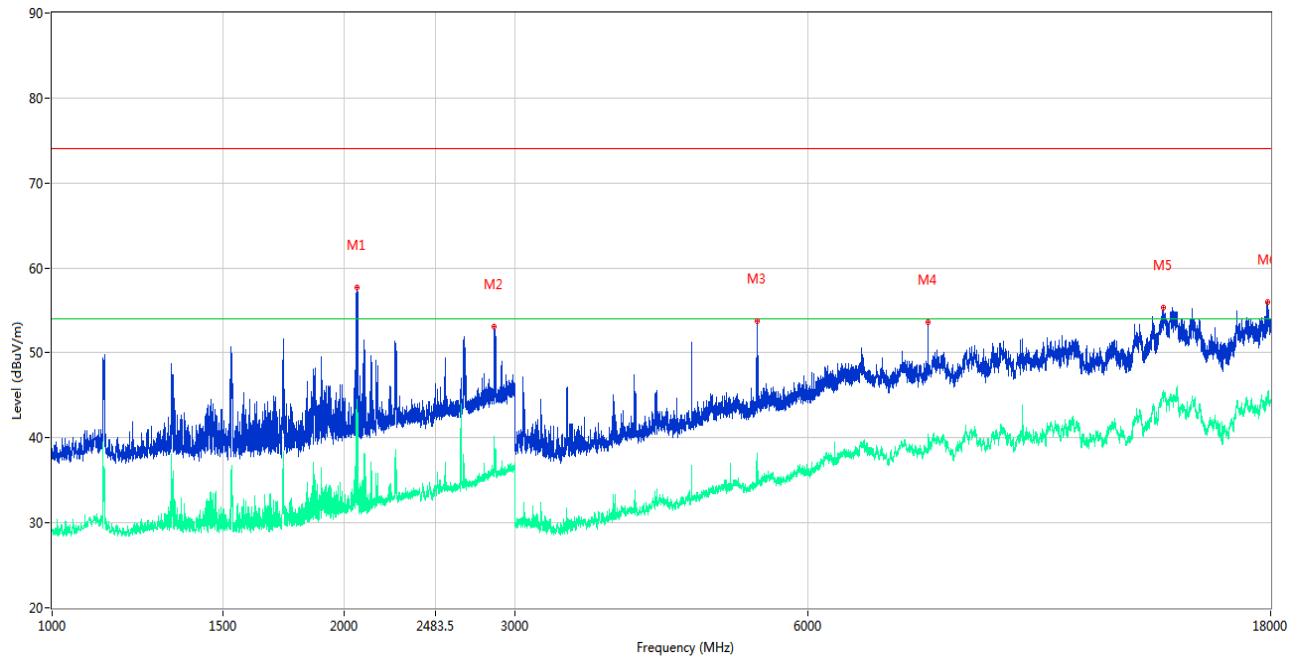
Test Report - Products

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: BLE 2M_ch21

Ant.Polar.: Vertical
Date: 2025/9/26
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2060.000	57.69	0.83	74.0	16.31	Peak	107.00	100	Vertical	Pass
1**	2060.000	44.57	0.83	54.0	9.43	AV	107.00	100	Vertical	Pass
2	2853.500	53.13	4.99	74.0	20.87	Peak	83.50	100	Vertical	Pass
2**	2853.500	40.22	4.99	54.0	13.78	AV	83.50	100	Vertical	Pass
3	5323.000	53.81	-5.46	74.0	20.19	Peak	176.90	100	Vertical	Pass
3**	5323.000	38.13	-5.46	54.0	15.87	AV	176.90	100	Vertical	Pass
4	7987.250	53.57	-0.77	74.0	20.43	Peak	130.90	100	Vertical	Pass
4**	7987.250	40.44	-0.77	54.0	13.56	AV	130.90	100	Vertical	Pass
5	13949.250	55.34	7.82	74.0	18.66	Peak	191.00	100	Vertical	Pass
5**	13949.250	45.36	7.82	54.0	8.64	AV	191.00	100	Vertical	Pass
6	17881.750	56.00	7.08	74.0	18.00	Peak	117.90	100	Vertical	Pass
6**	17881.750	44.78	7.08	54.0	9.22	AV	117.90	100	Vertical	Pass

Prüfbericht - Produkte

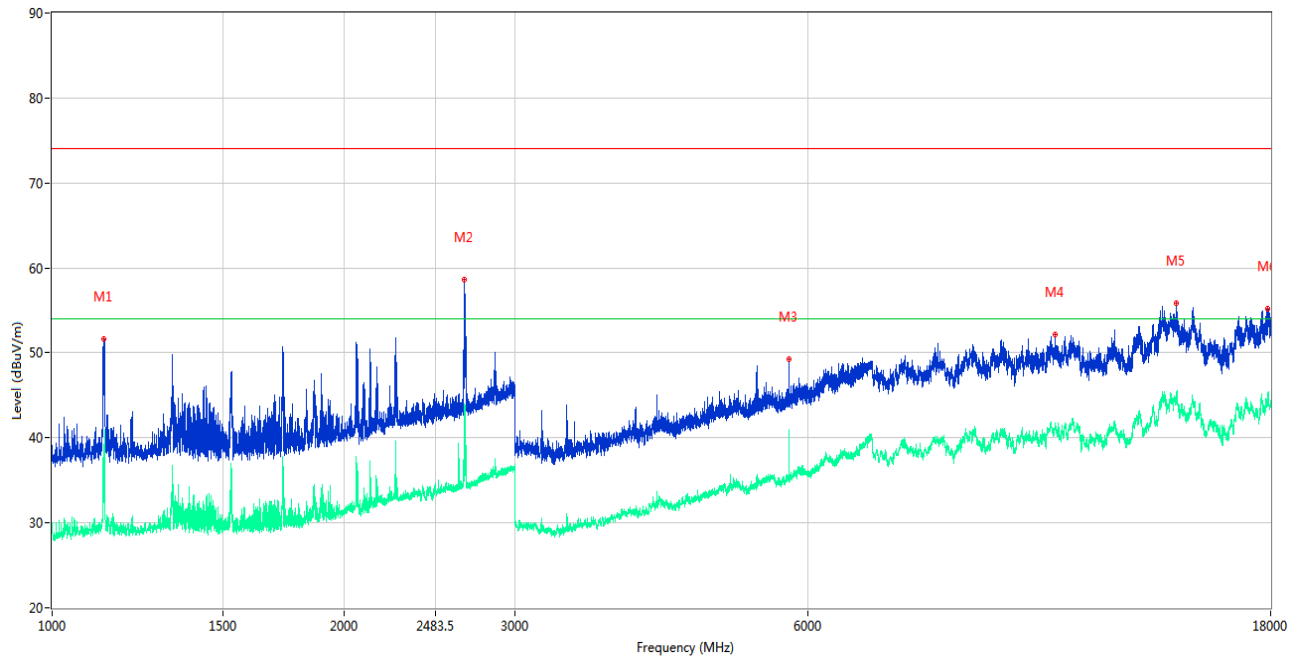
Test Report - Products

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: BLE 2M_ch21

Ant.Polar.: Horizontal
Date:2025/9/26
Temp.(C): 23.4(C)
Hum.(%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1130.000	51.60	-1.71	74.0	22.40	Peak	140.50	100	Horizontal	Pass
1**	1130.000	39.07	-1.71	54.0	14.93	AV	140.50	100	Horizontal	Pass
2	2657.500	58.58	3.98	74.0	15.42	Peak	127.80	100	Horizontal	Pass
2**	2657.500	42.59	3.98	54.0	11.41	AV	127.80	100	Horizontal	Pass
3	5737.000	49.24	-4.41	74.0	24.76	Peak	119.30	100	Horizontal	Pass
3**	5737.000	40.97	-4.41	54.0	13.03	AV	119.30	100	Horizontal	Pass
4	10800.500	52.19	2.04	74.0	21.81	Peak	107.00	100	Horizontal	Pass
4**	10800.500	40.99	2.04	54.0	13.01	AV	107.00	100	Horizontal	Pass
5	14405.750	55.82	6.95	74.0	18.18	Peak	192.90	100	Horizontal	Pass
5**	14405.750	45.24	6.95	54.0	8.76	AV	192.90	100	Horizontal	Pass
6	17881.750	55.15	7.08	74.0	18.85	Peak	146.40	100	Horizontal	Pass
6**	17881.750	44.61	7.08	54.0	9.39	AV	146.40	100	Horizontal	Pass

Prüfbericht - Produkte

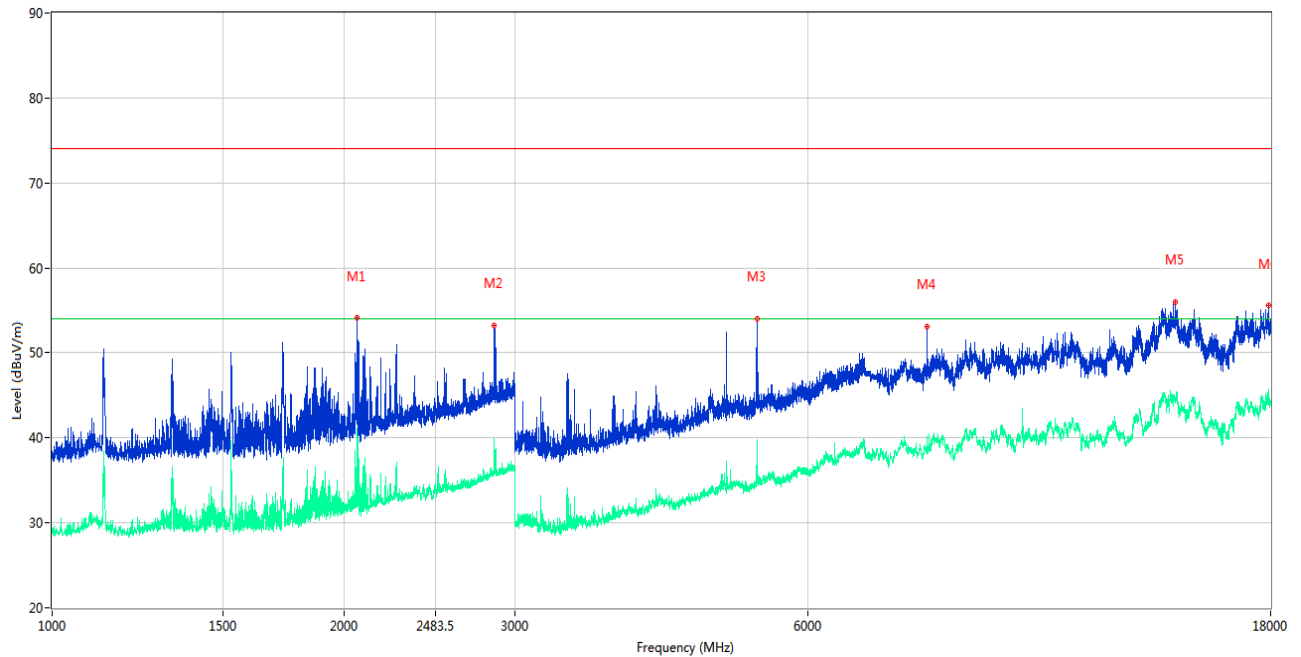
Test Report - Products

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: BLE 2M_ch40

Ant.Polar.: Vertical
Date: 2025/9/26
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



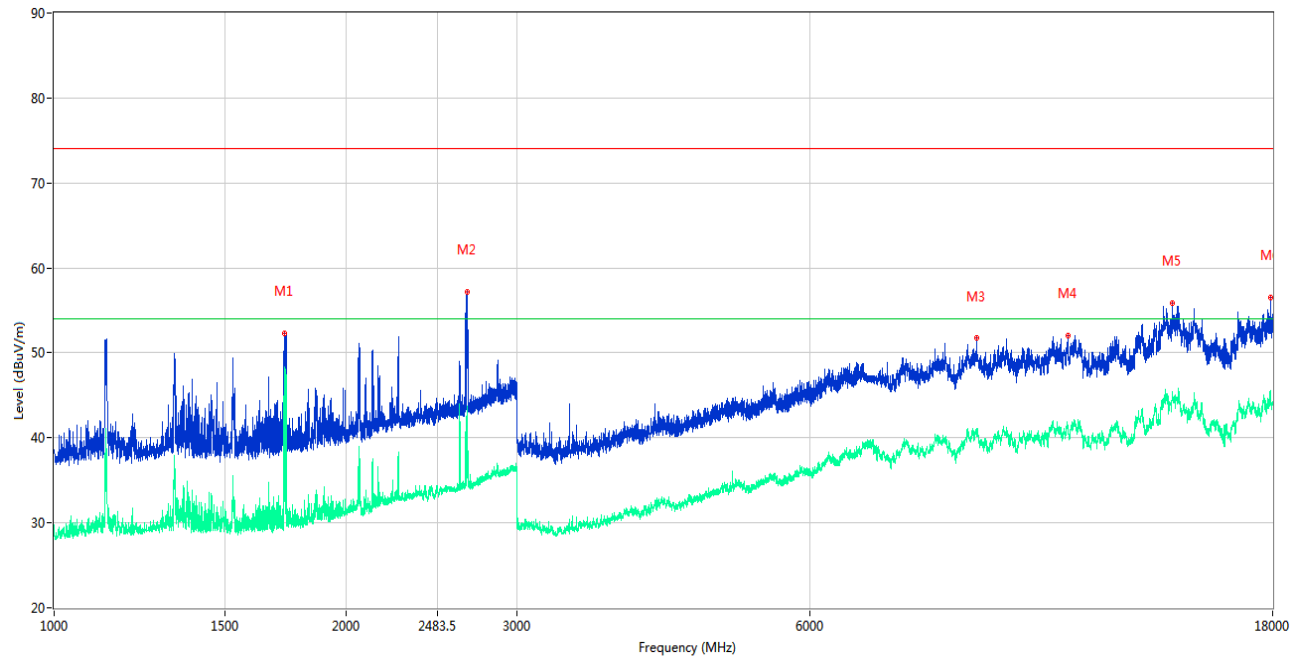
No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2062.000	54.08	0.83	74.0	19.92	Peak	96.50	100	Vertical	Pass
1**	2062.000	41.11	0.83	54.0	12.89	AV	96.50	100	Vertical	Pass
2	2853.000	53.25	4.99	74.0	20.75	Peak	233.50	100	Vertical	Pass
2**	2853.000	38.46	4.99	54.0	15.54	AV	233.50	100	Vertical	Pass
3	5320.000	54.00	-5.47	74.0	20.00	Peak	177.60	100	Vertical	Pass
3**	5320.000	38.72	-5.47	54.0	15.28	AV	177.60	100	Vertical	Pass
4	7965.250	53.05	-0.93	74.0	20.95	Peak	127.90	100	Vertical	Pass
4**	7965.250	40.13	-0.93	54.0	13.87	AV	127.90	100	Vertical	Pass
5	14364.500	55.99	6.95	74.0	18.01	Peak	239.50	100	Vertical	Pass
5**	14364.500	44.70	6.95	54.0	9.30	AV	239.50	100	Vertical	Pass
6	17912.001	55.53	7.15	74.0	18.47	Peak	349.60	100	Vertical	Pass
6**	17912.001	45.45	7.15	54.0	8.55	AV	349.60	100	Vertical	Pass

Job No.: STS2508034
Standard: FCC 15C_03M_QP
Test item: Radiated Emission
Company: Wi-Fi7 Router
Model: AR1544G
Mode: BLE 2M_ch40

Ant.Polar.: Horizontal
Date: 2025/9/26
Temp.(C): 23.4(C)
Hum. (%RH): 60%RH
Power: AC 120V/60Hz
Test By: Skylar.Li

Description:

RE_FCC Test Case_FCC 15C 1GHz-18GHz



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1729.000	52.36	-0.71	74.0	21.64	Peak	259.40	100	Horizontal	Pass
1**	1729.000	48.31	-0.71	54.0	5.69	AV	259.40	100	Horizontal	Pass
2	2664.000	57.20	3.98	74.0	16.80	Peak	307.70	100	Horizontal	Pass
2**	2664.000	42.48	3.98	54.0	11.52	AV	307.70	100	Horizontal	Pass
3	8914.000	51.71	1.40	74.0	22.29	Peak	192.50	100	Horizontal	Pass
3**	8914.000	40.85	1.40	54.0	13.15	AV	192.50	100	Horizontal	Pass
4	11075.500	52.02	2.00	74.0	21.98	Peak	169.10	100	Horizontal	Pass
4**	11075.500	41.40	2.00	54.0	12.60	AV	169.10	100	Horizontal	Pass
5	14188.500	55.91	6.95	74.0	18.09	Peak	227.80	100	Horizontal	Pass
5**	14188.500	44.79	6.95	54.0	9.21	AV	227.80	100	Horizontal	Pass
6	17906.500	56.57	7.19	74.0	17.43	Peak	9.60	100	Horizontal	Pass
6**	17906.500	45.25	7.19	54.0	8.75	AV	9.60	100	Horizontal	Pass