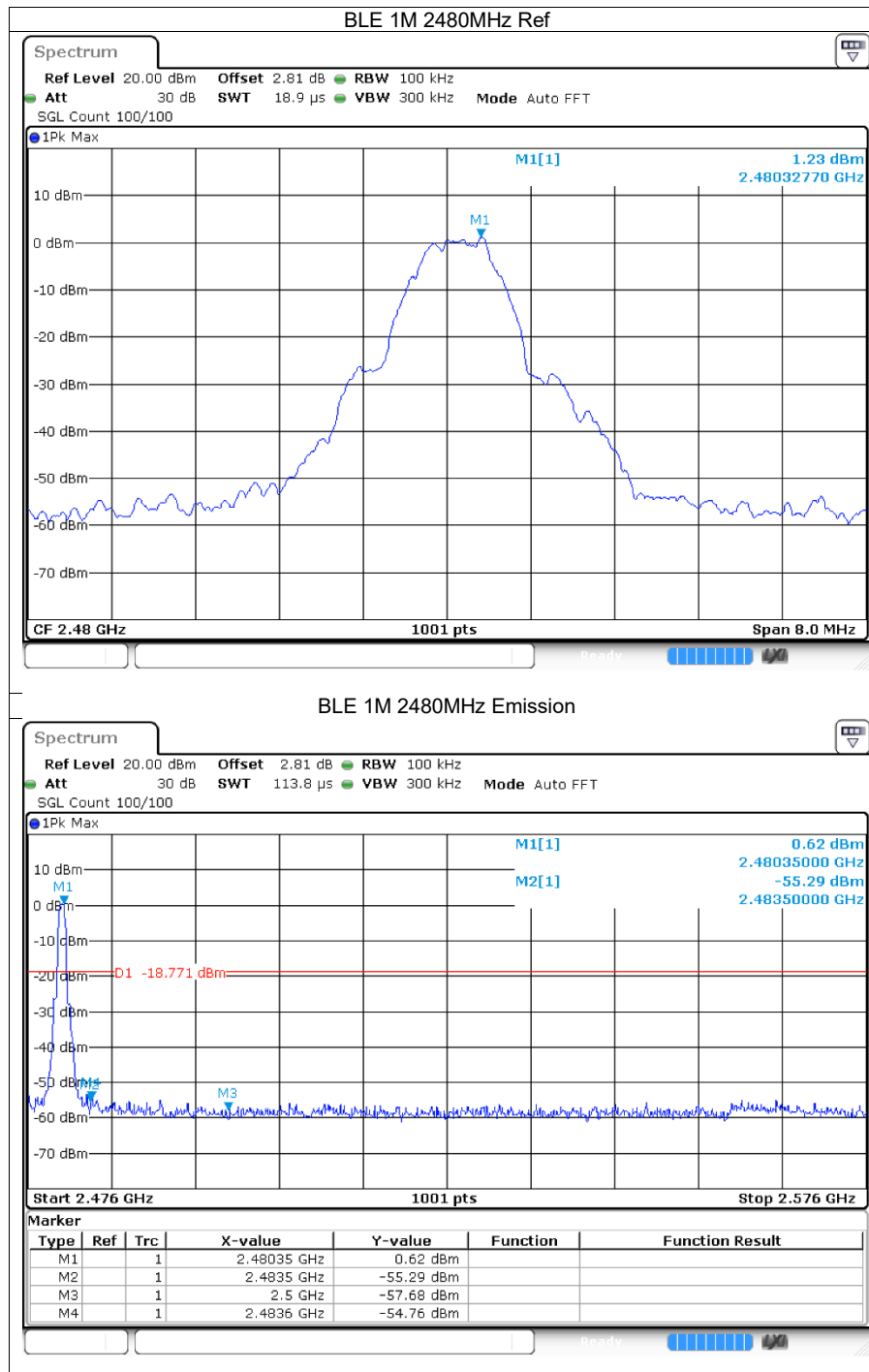
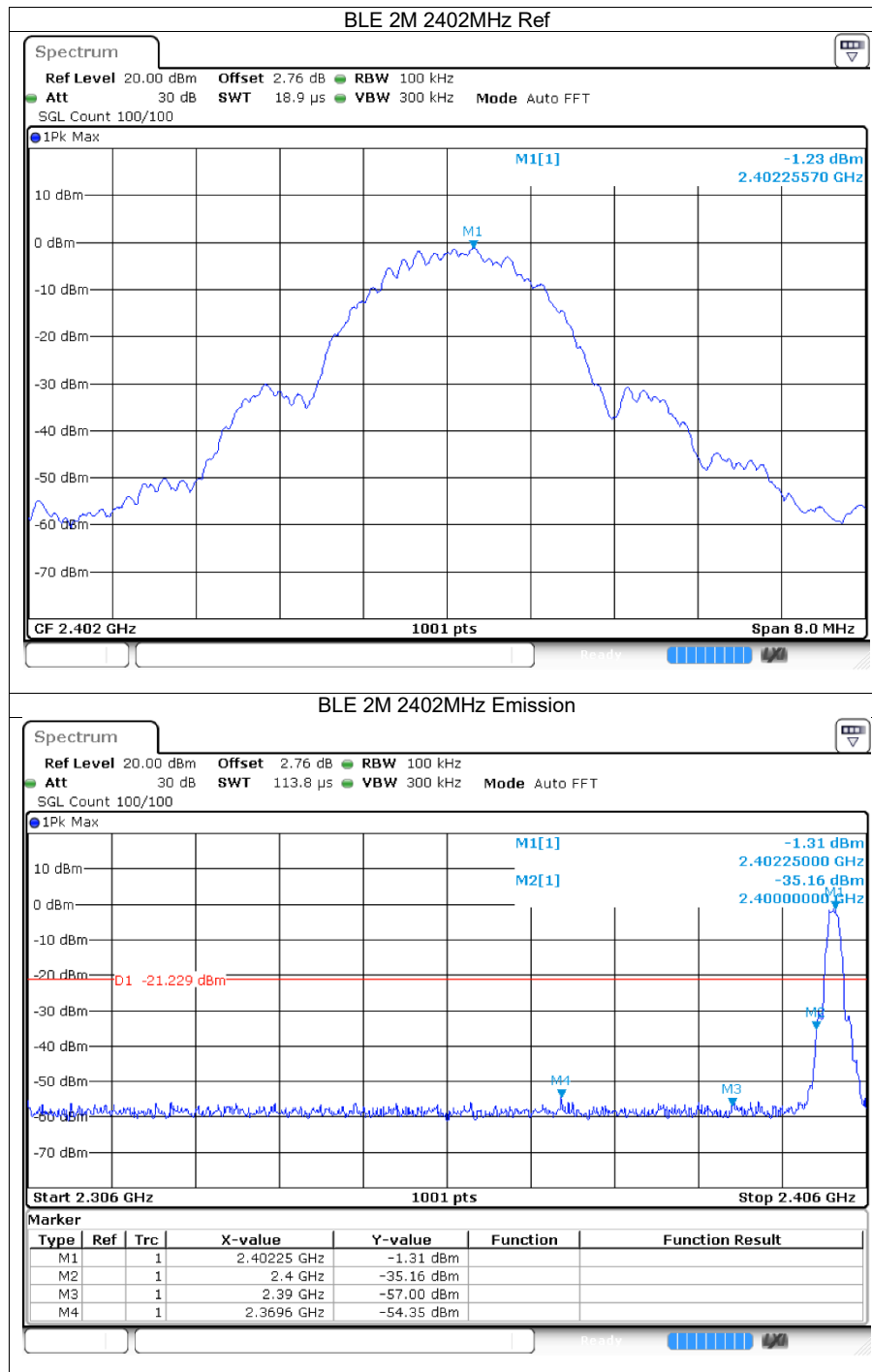
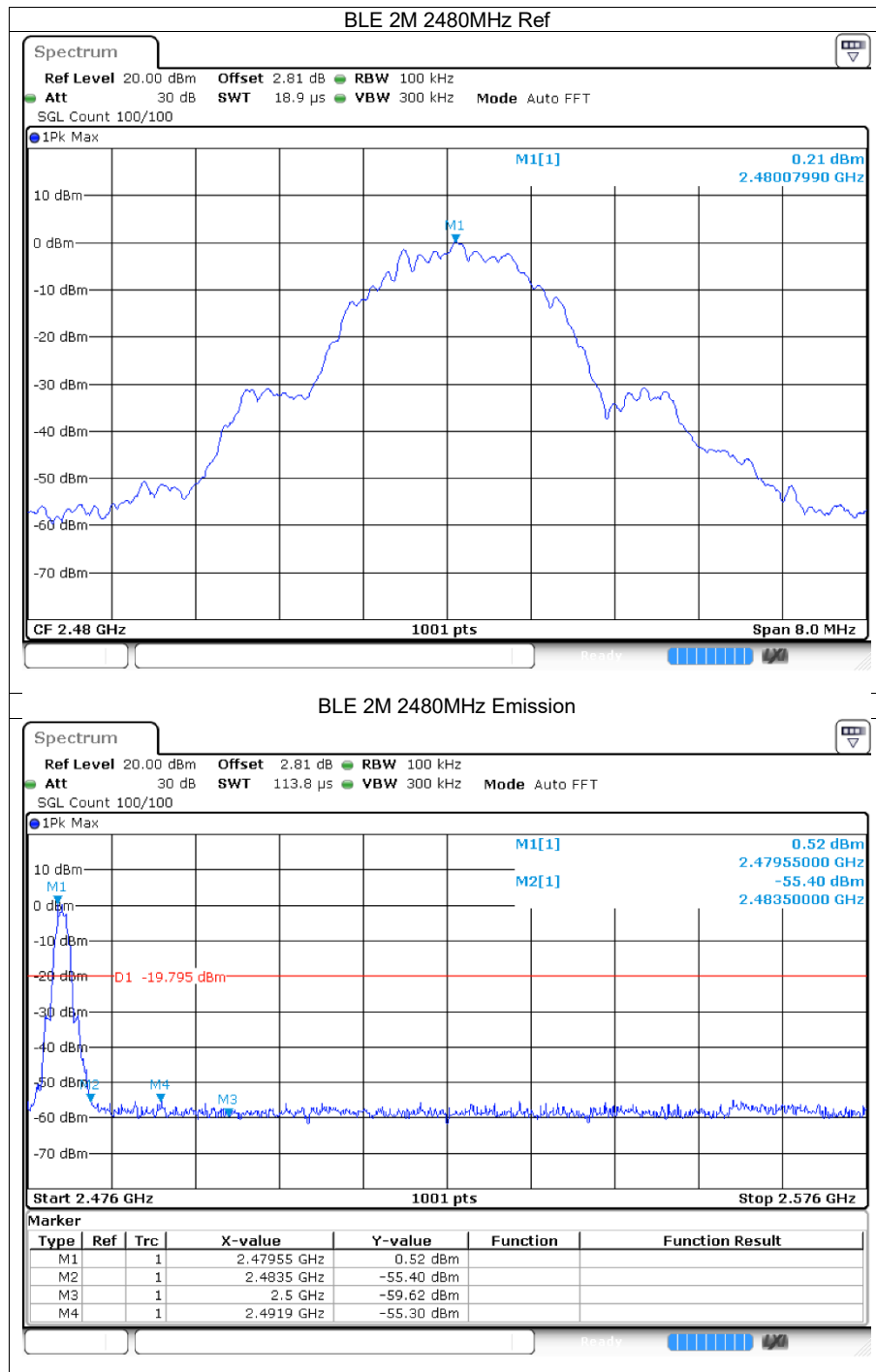


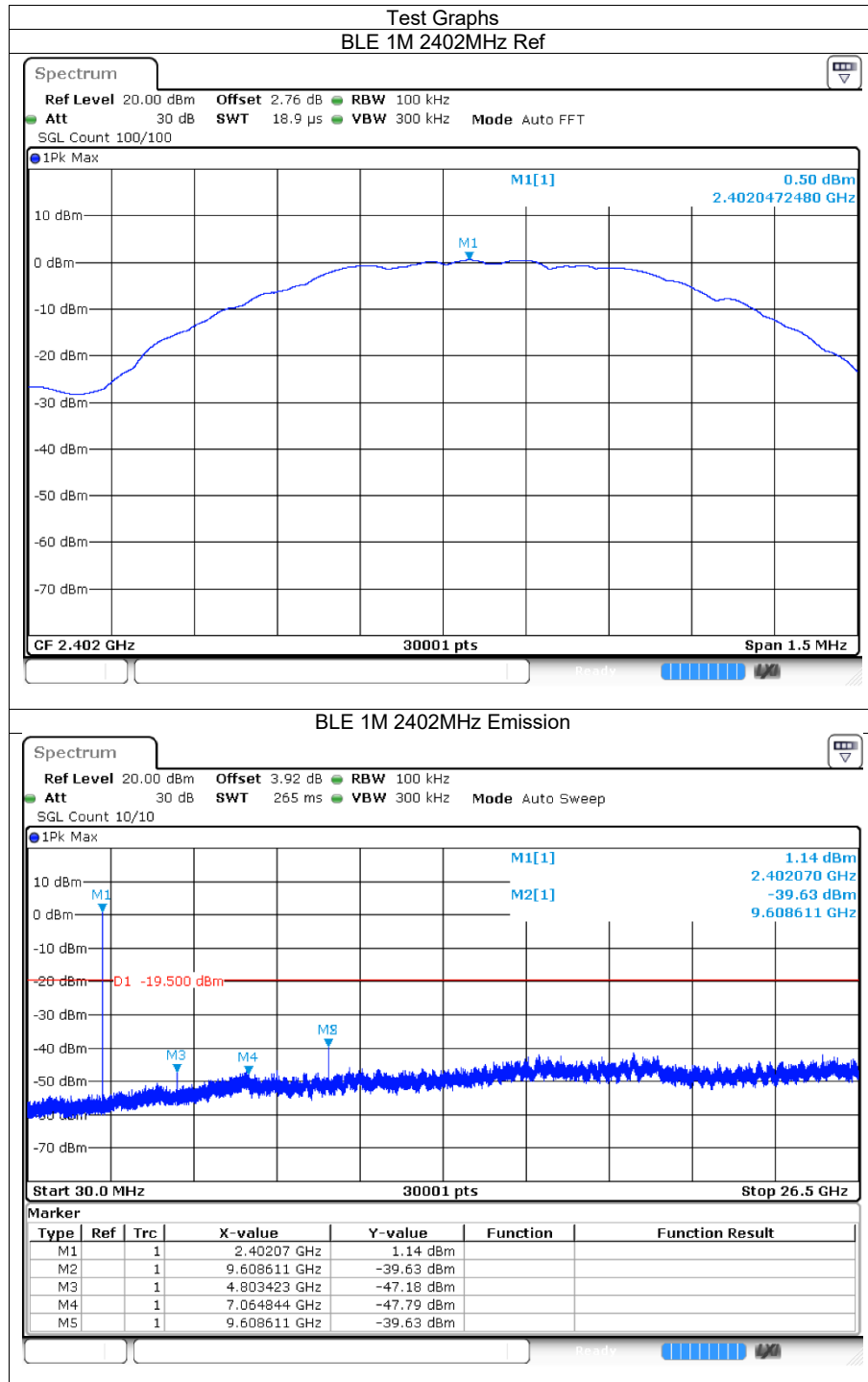


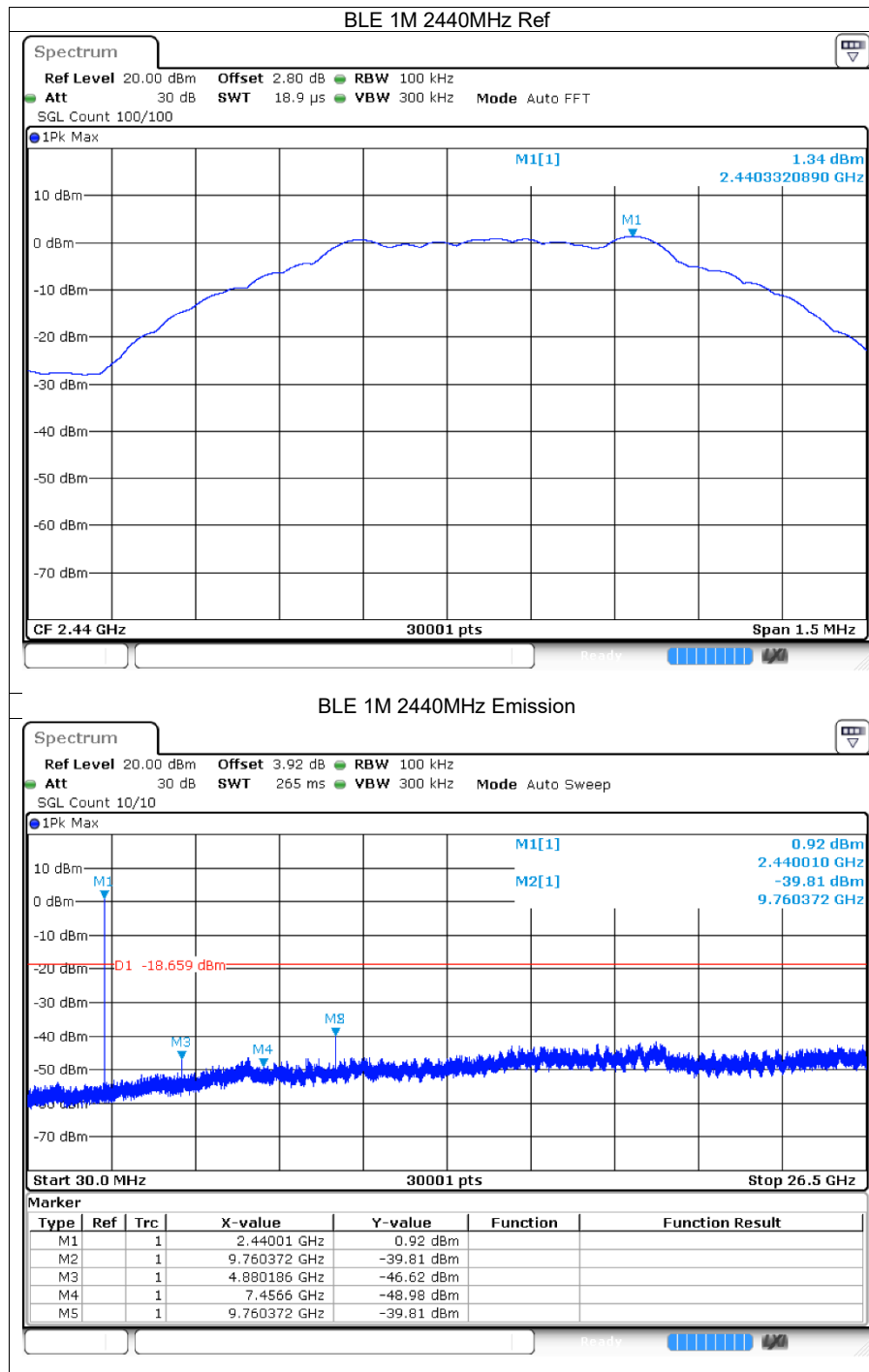


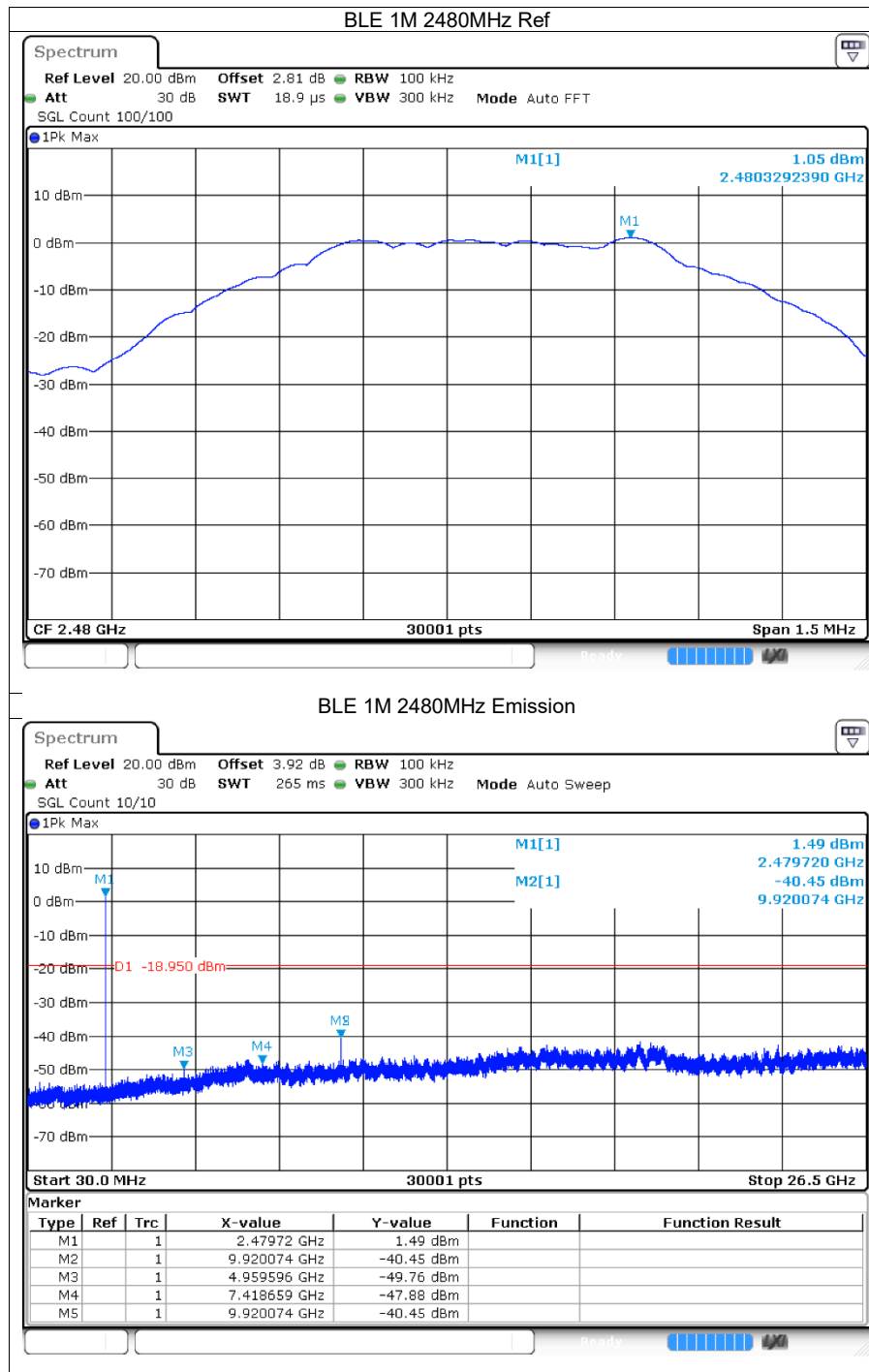


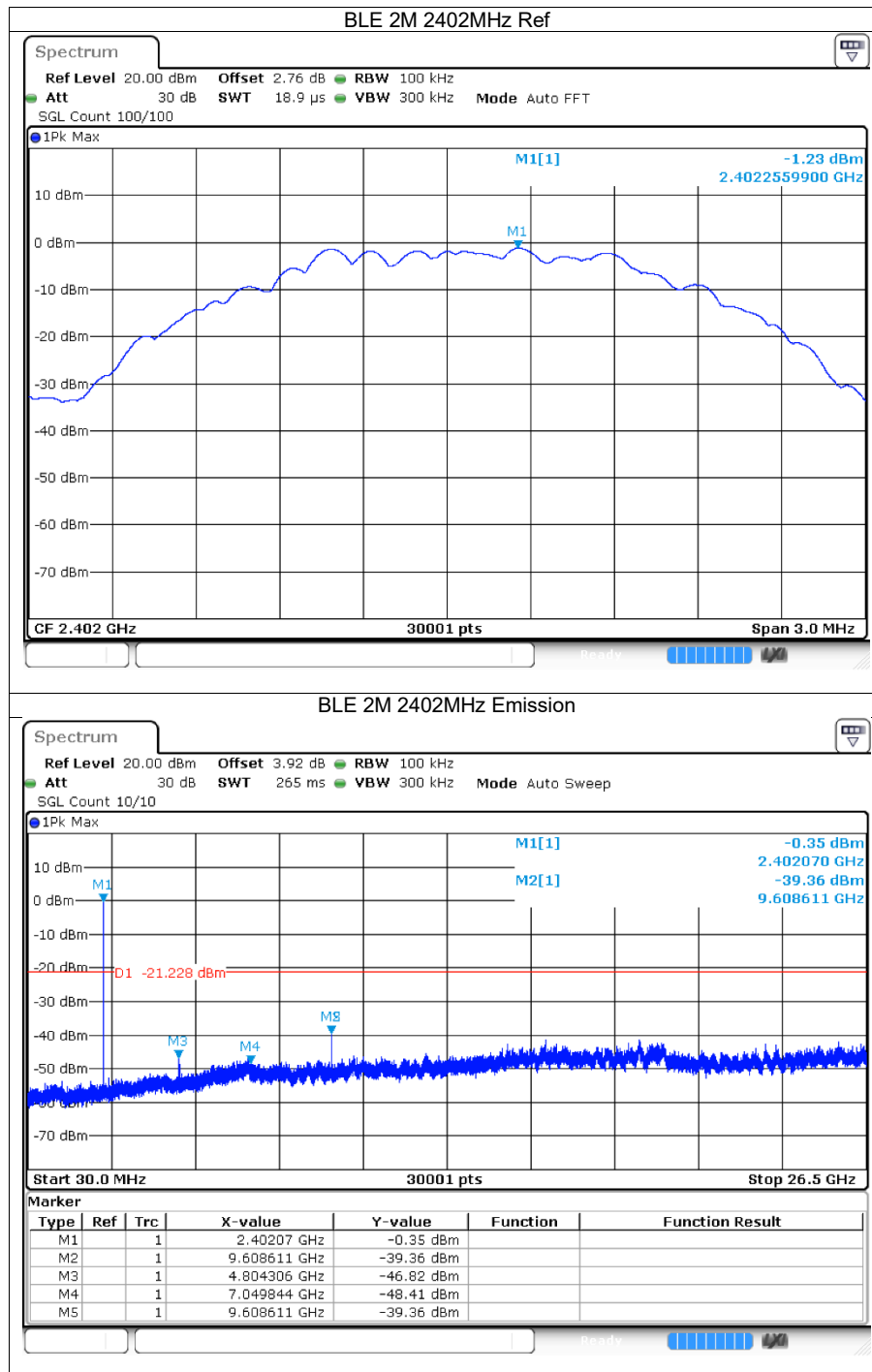
Conducted Spurious Emission

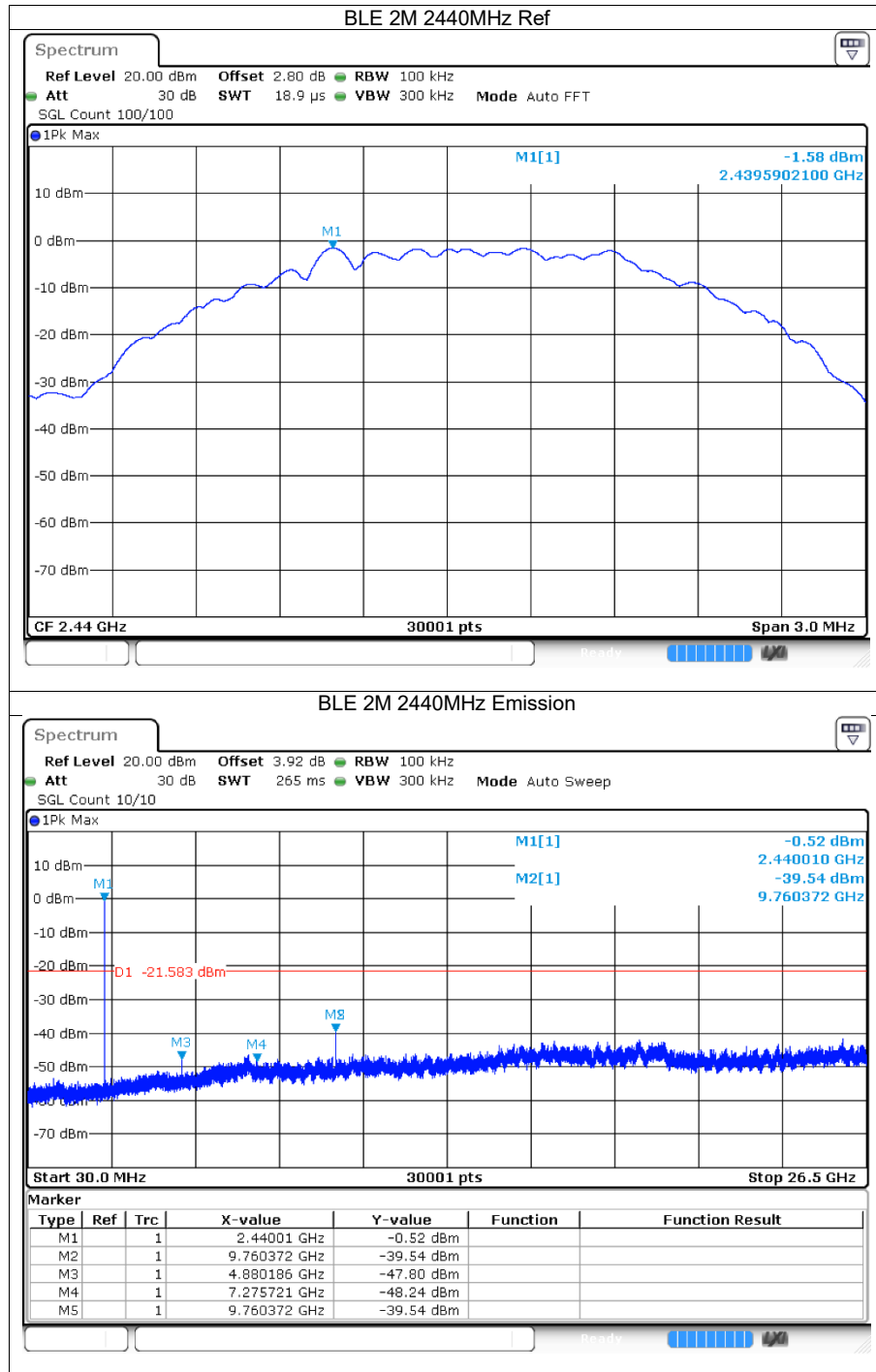
Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-40.13	-20	Pass
BLE 1M	2440	-41.14	-20	Pass
BLE 1M	2480	-41.49	-20	Pass
BLE 2M	2402	-38.12	-20	Pass
BLE 2M	2440	-37.96	-20	Pass
BLE 2M	2480	-41.76	-20	Pass

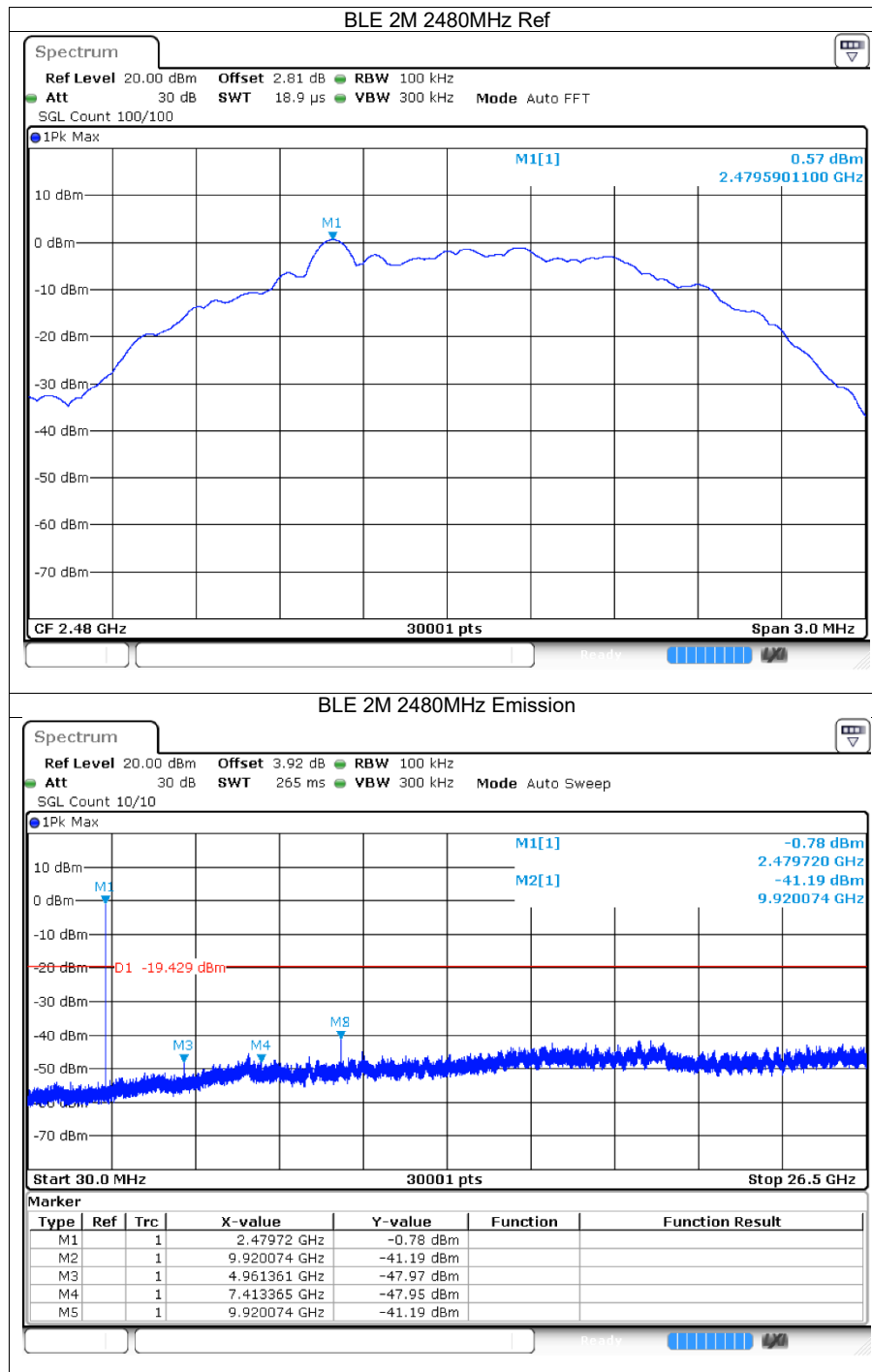












Appendix B.4: Test Results of Radiated Spurious Emissions

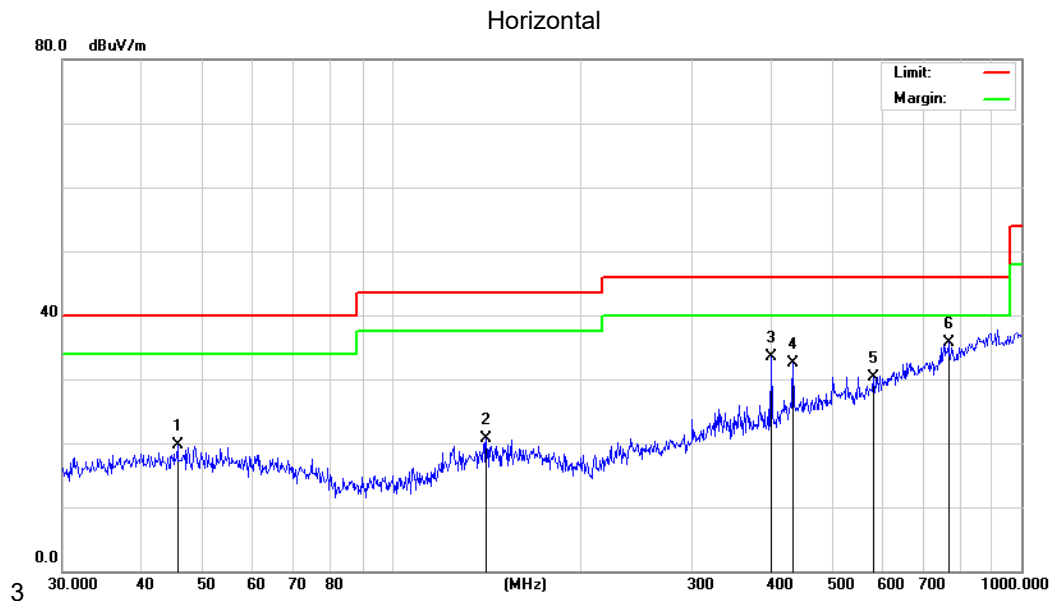
Note:

- 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.

30 MHz - 1GHz

EUT Information

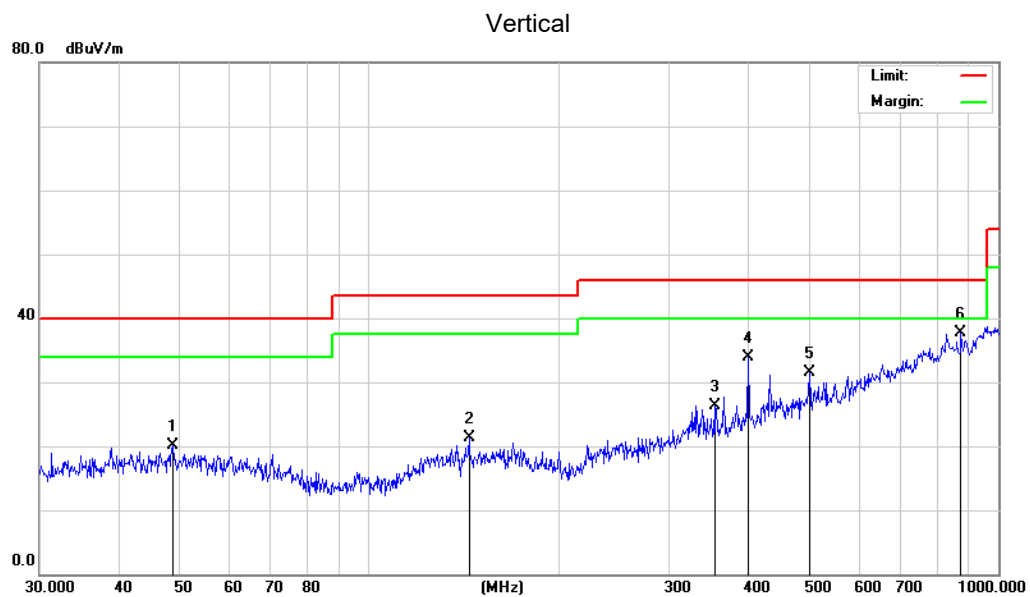
EUT Name:	Bluetooth Speaker
Model:	V3 PRO
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	170473286/AiTDG-260605003-1
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Emiya Lin
Reviewed By:	Simba Huang



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	
		MHz	Level	Factor	ment			
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		45.6948	20.86	-1.07	19.79	40.00	-20.21	QP
2		141.3298	20.72	-0.10	20.62	43.50	-22.88	QP
3		400.4319	28.99	4.58	33.57	46.00	-12.43	QP
4		434.0651	26.79	5.71	32.50	46.00	-13.50	QP
5		582.7425	21.64	8.75	30.39	46.00	-15.61	QP
6	*	766.0571	22.47	13.21	35.68	46.00	-10.32	QP

EUT Information

EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_Mid channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



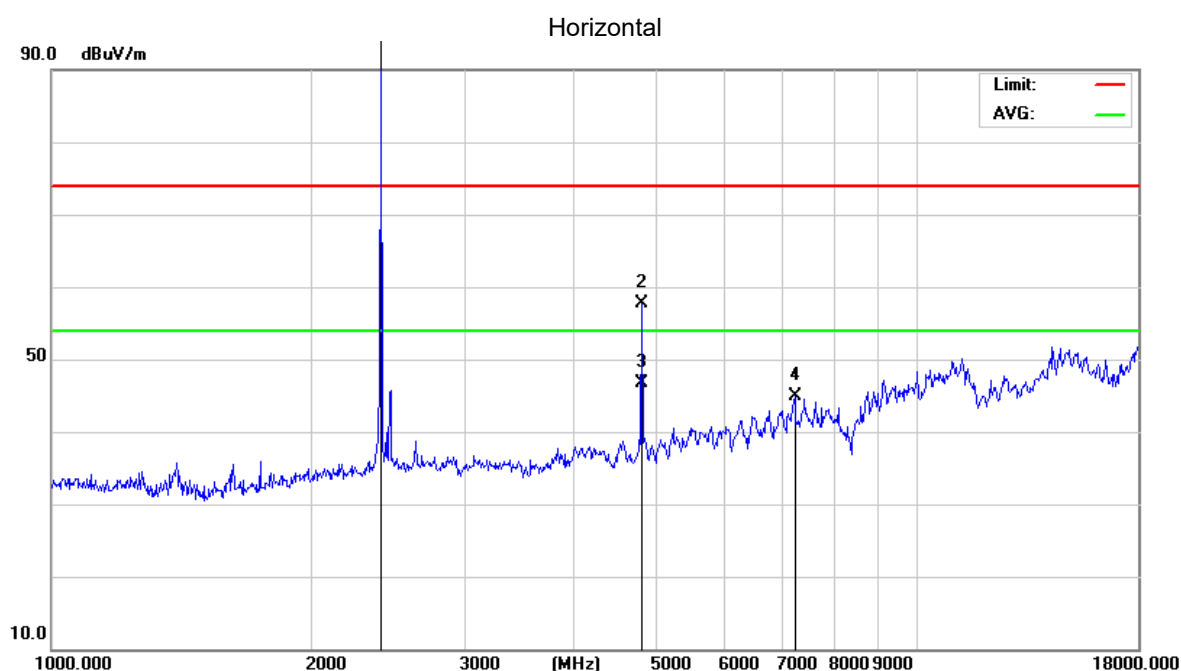
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		48.8429	21.30	-1.13	20.17	40.00	-19.83	QP
2		144.3348	21.21	0.03	21.24	43.50	-22.26	QP
3		354.1831	23.14	3.20	26.34	46.00	-19.66	QP
4		400.4319	29.41	4.58	33.99	46.00	-12.01	QP
5		501.1790	24.16	7.35	31.51	46.00	-14.49	QP
6	*	872.1832	22.43	15.19	37.62	46.00	-8.38	QP

1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

EUT Information

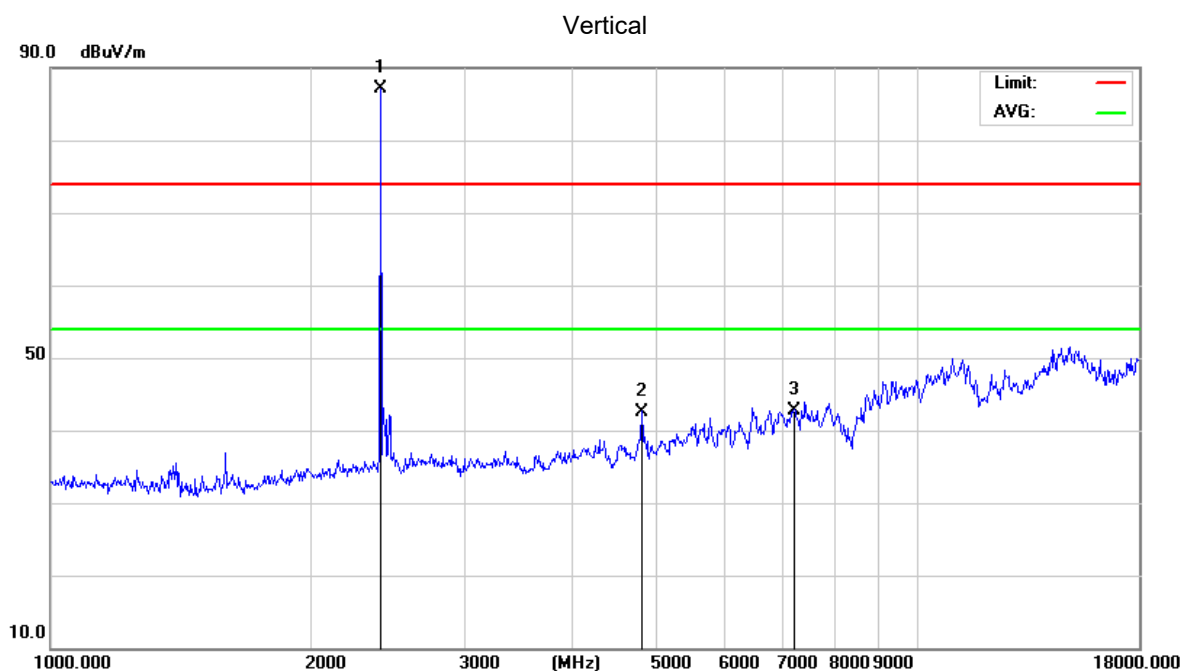
EUT Name:	Bluetooth Speaker
Model:	V3 PRO
Test Mode:	BLE 1M_Low channel
Order No./Sample No:	170473286/AiTdg-260605003-1
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Emiya Lin
Reviewed By:	Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	*	2400.753	101.50	-4.09	97.41	74.00	23.41	peak
2		4804.110	59.71	-1.99	57.72	74.00	-16.28	peak
3		4804.110	48.63	-1.99	46.64	54.00	-7.36	AVG
4		7206.000	41.28	3.54	44.82	74.00	-29.18	peak

EUT Information

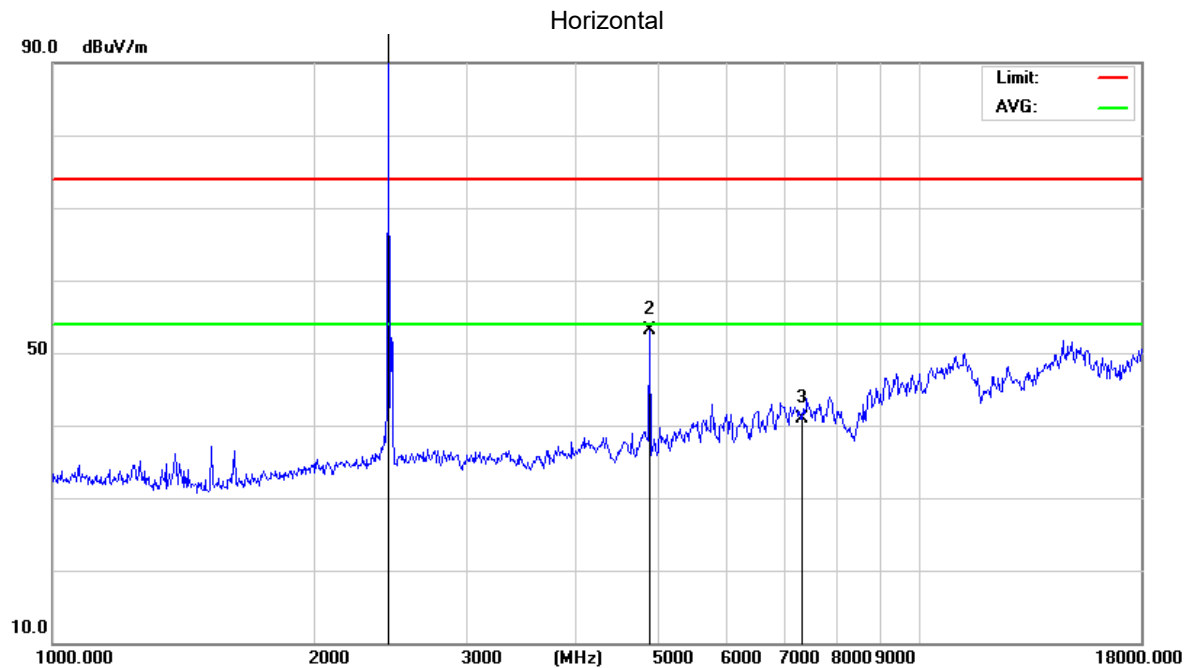
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_Low channel
Order No/Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2400.753	91.22	-4.09	87.13	74.00	13.13	peak
2		4804.110	44.59	-1.99	42.60	74.00	-31.40	peak
3		7206.000	39.08	3.54	42.62	74.00	-31.38	peak

EUT Information

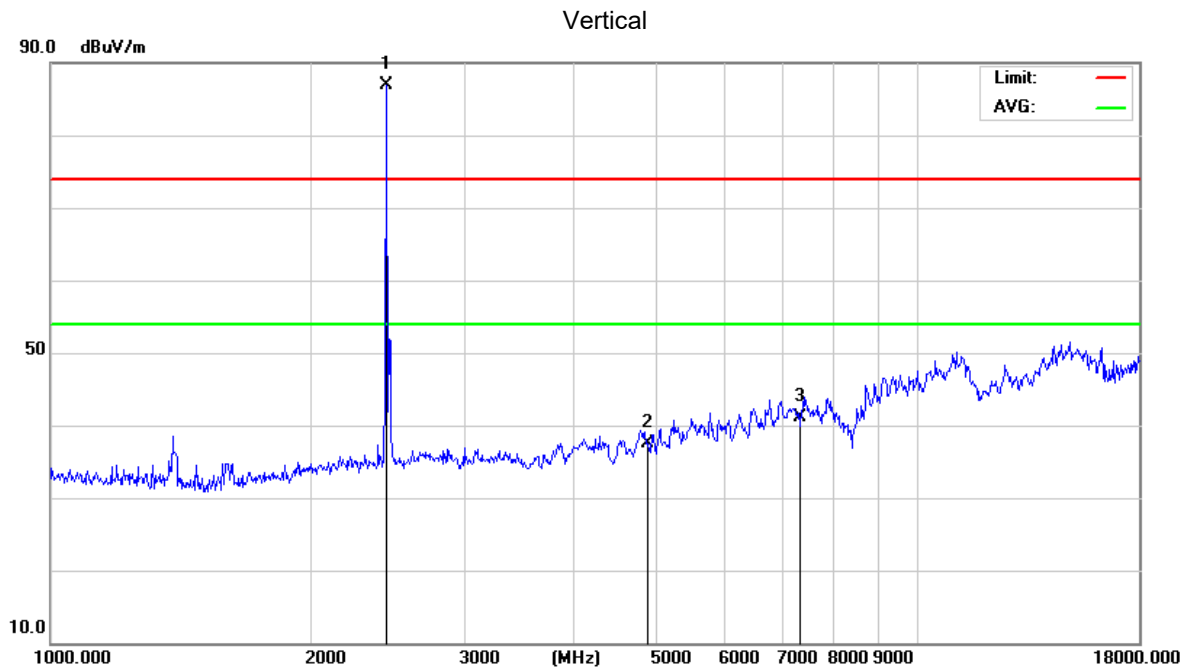
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_Mid channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2435.701	99.80	-4.08	95.72	74.00	21.72	peak
2		4888.151	54.90	-1.77	53.13	74.00	-20.87	peak
3		7320.000	37.15	3.82	40.97	74.00	-33.03	peak

EUT Information

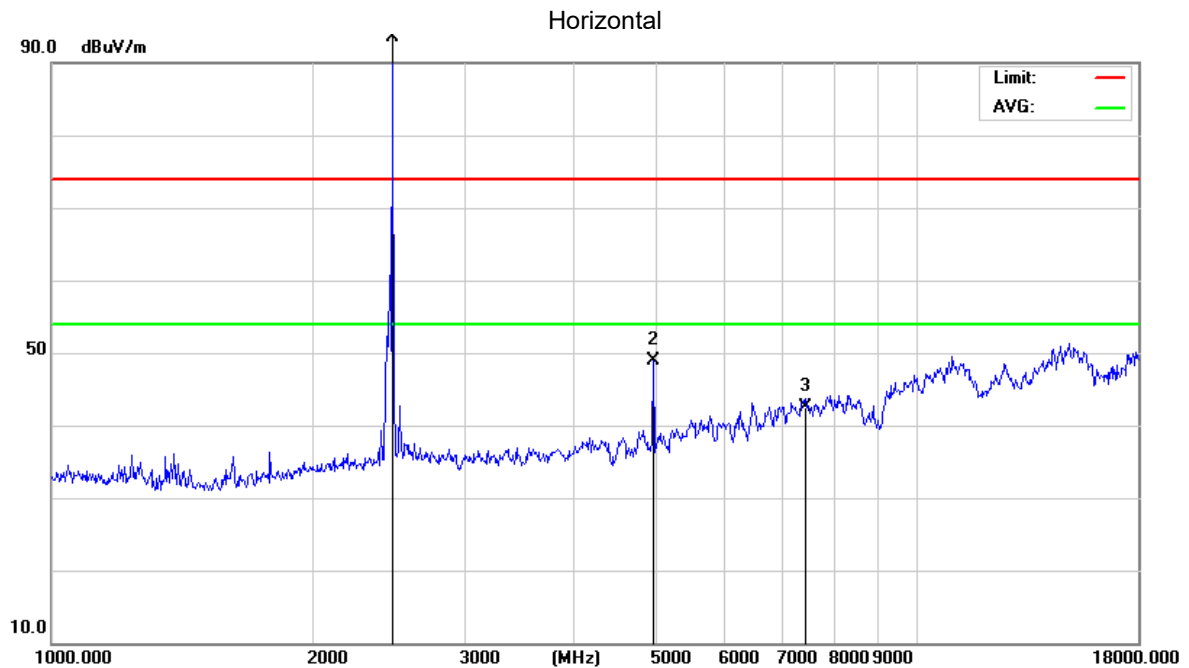
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_Mid channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2435.701	90.99	-4.08	86.91	74.00	12.91	peak
2		4880.000	39.22	-1.78	37.44	74.00	-36.56	peak
3		7320.000	37.22	3.82	41.04	74.00	-32.96	peak

EUT Information

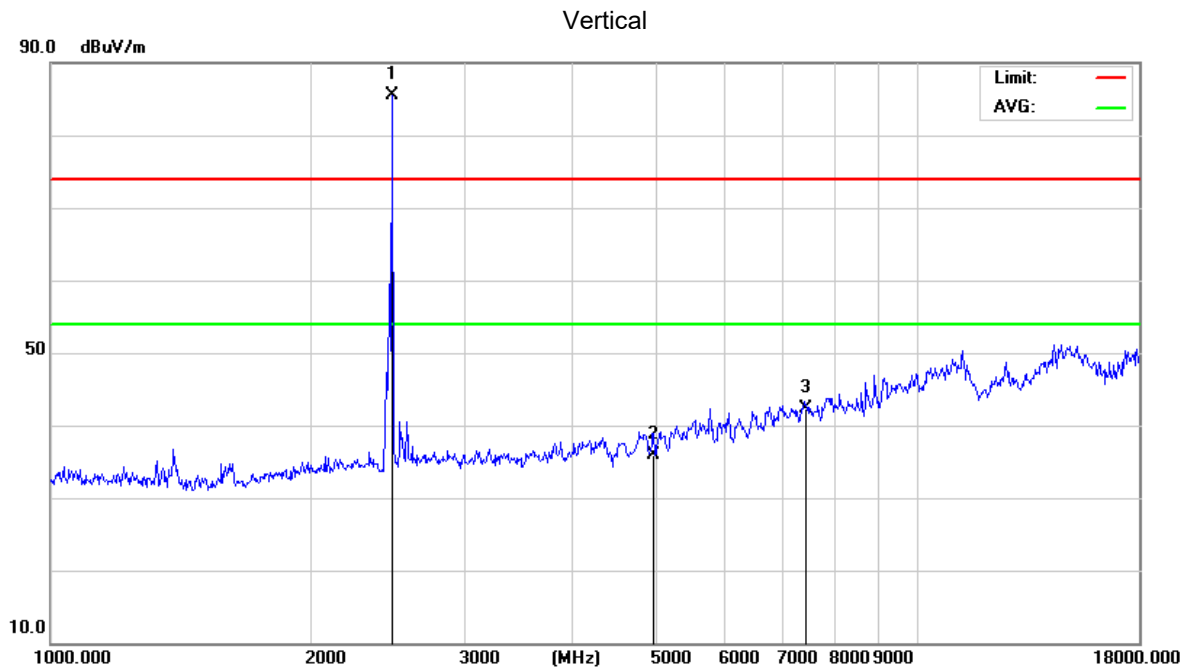
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_High channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2478.310	97.68	-4.07	93.61	74.00	19.61	peak
2		4959.307	50.44	-1.57	48.87	74.00	-25.13	peak
3		7440.000	38.35	4.11	42.46	74.00	-31.54	peak

EUT Information

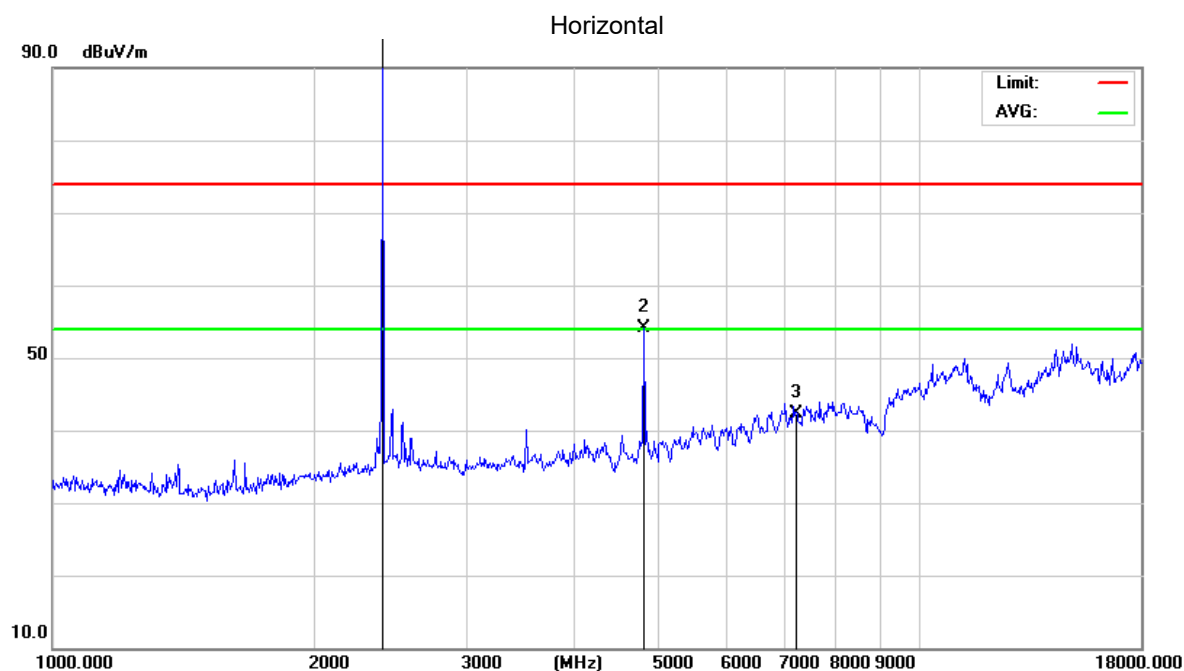
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_High channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2478.310	89.64	-4.07	85.57	74.00	11.57	peak
2		4960.000	37.46	-1.57	35.89	74.00	-38.11	peak
3		7440.000	38.23	4.11	42.34	74.00	-31.66	peak

EUT Information

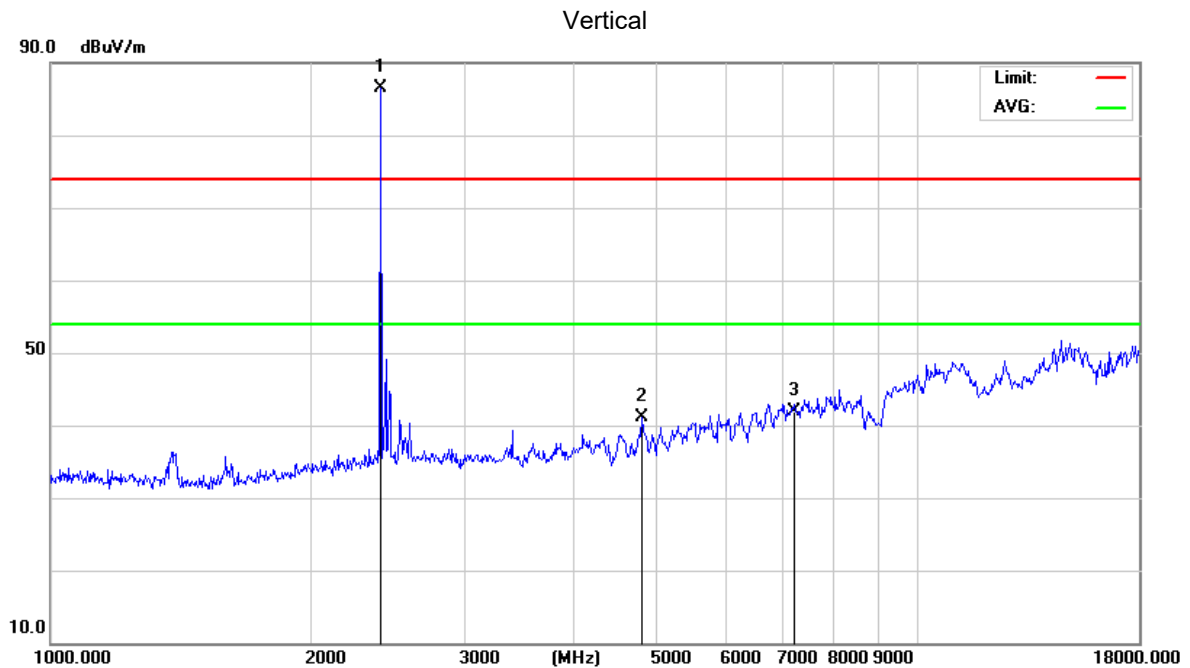
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_Low channel
Order No/Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2400.753	99.93	-4.09	95.84	74.00	21.84	peak
2		4804.110	56.12	-1.99	54.13	74.00	-19.87	peak
3		7206.000	38.77	3.54	42.31	74.00	-31.69	peak

EUT Information

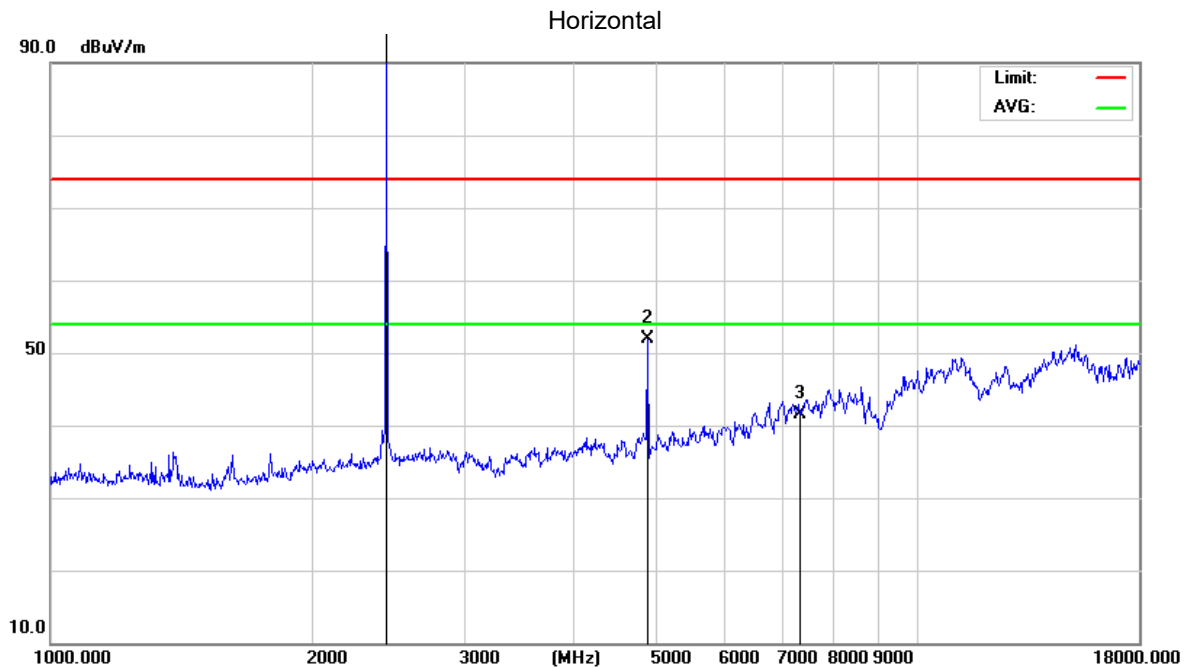
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_Low channel
Order No./Sample No: 170473286/AiT DG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2400.753	90.55	-4.09	86.46	74.00	12.46	peak
2		4804.000	43.18	-1.99	41.19	74.00	-32.81	peak
3		7206.000	38.41	3.54	41.95	74.00	-32.05	peak

EUT Information

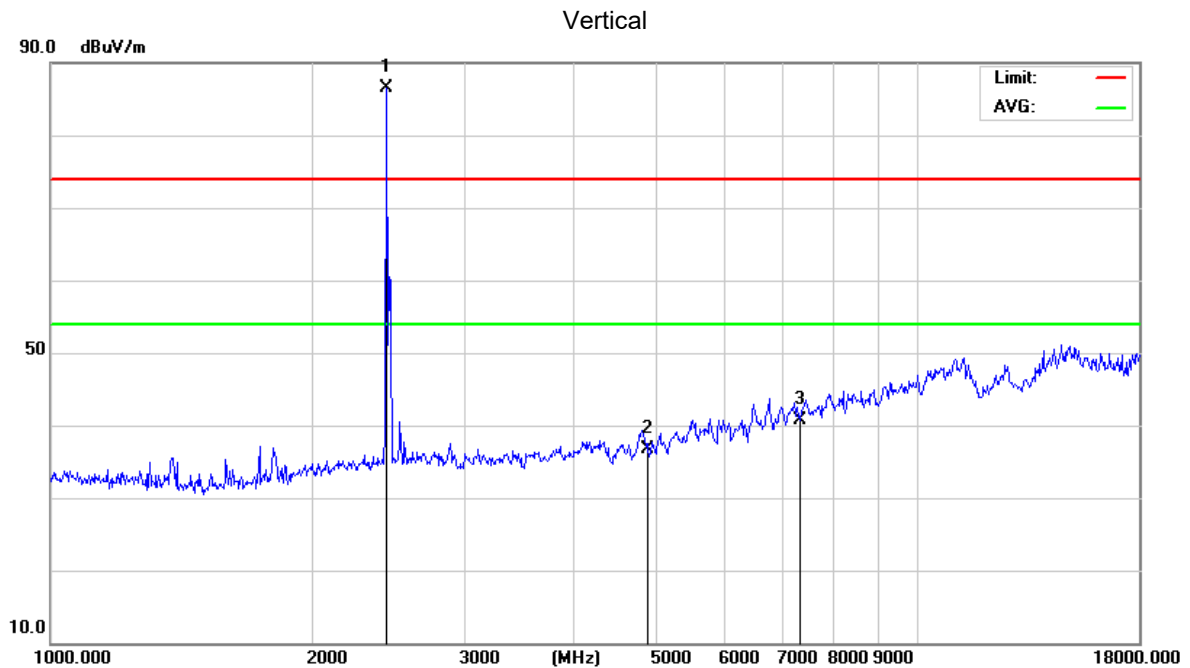
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_Mid channel
Order No/Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2435.701	99.71	-4.08	95.63	74.00	21.63	peak
2		4874.042	53.65	-1.80	51.85	74.00	-22.15	peak
3		7320.000	37.59	3.82	41.41	74.00	-32.59	peak

EUT Information

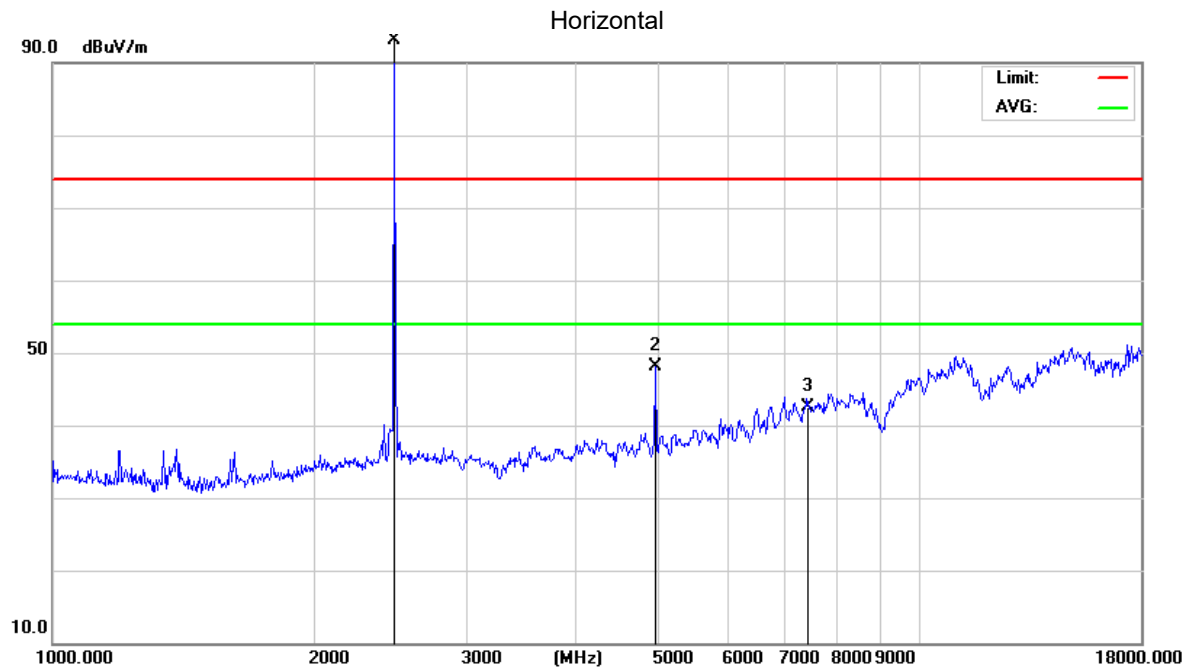
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_Mid channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2435.701	90.60	-4.08	86.52	74.00	12.52	peak
2		4880.000	38.55	-1.78	36.77	74.00	-37.23	peak
3		7320.000	36.91	3.82	40.73	74.00	-33.27	peak

EUT Information

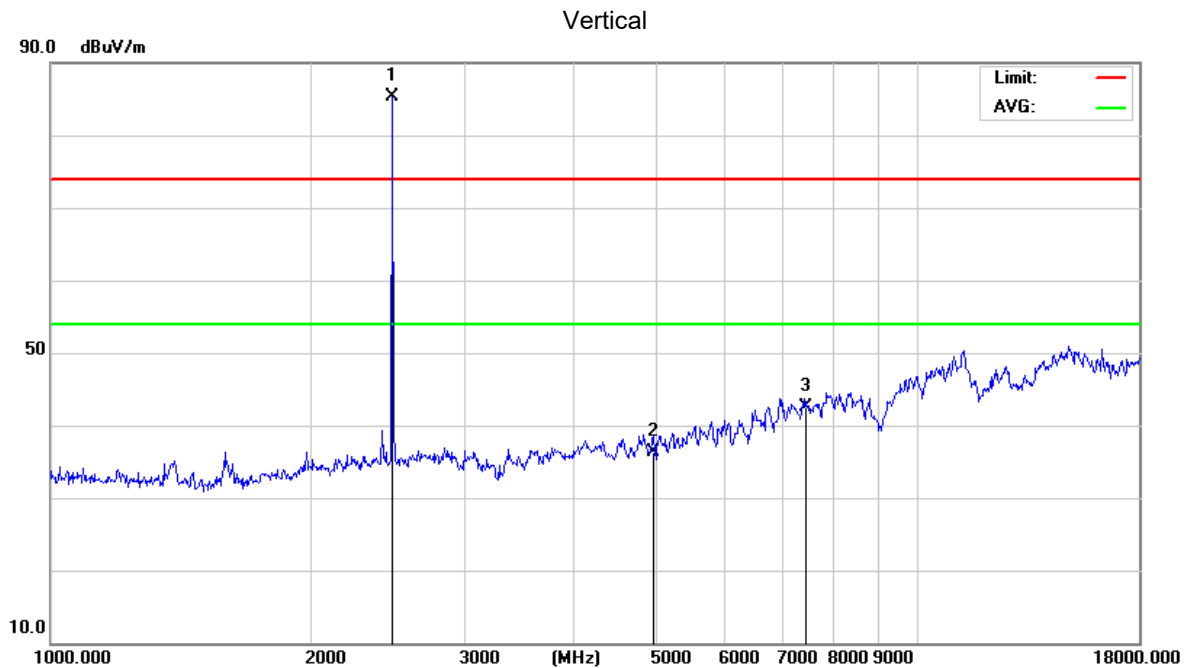
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_High channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2478.310	97.43	-4.07	93.36	74.00	19.36	peak
2		4959.307	49.64	-1.57	48.07	74.00	-25.93	peak
3		7440.000	38.38	4.11	42.49	74.00	-31.51	peak

EUT Information

EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_High channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang

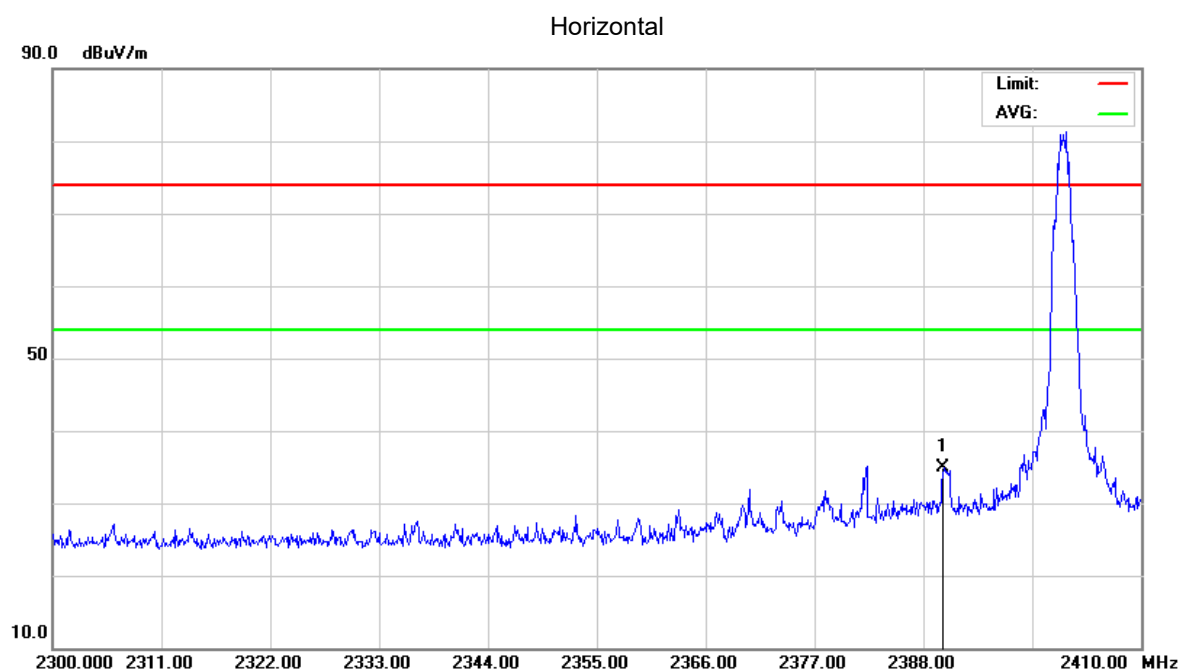


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2478.310	89.30	-4.07	85.23	74.00	11.23	peak
2		4960.000	37.88	-1.57	36.31	74.00	-37.69	peak
3		7440.000	38.43	4.11	42.54	74.00	-31.46	peak

Appendix B.5: Test Results of Radiated Emissions in Restricted Bands

EUT Information

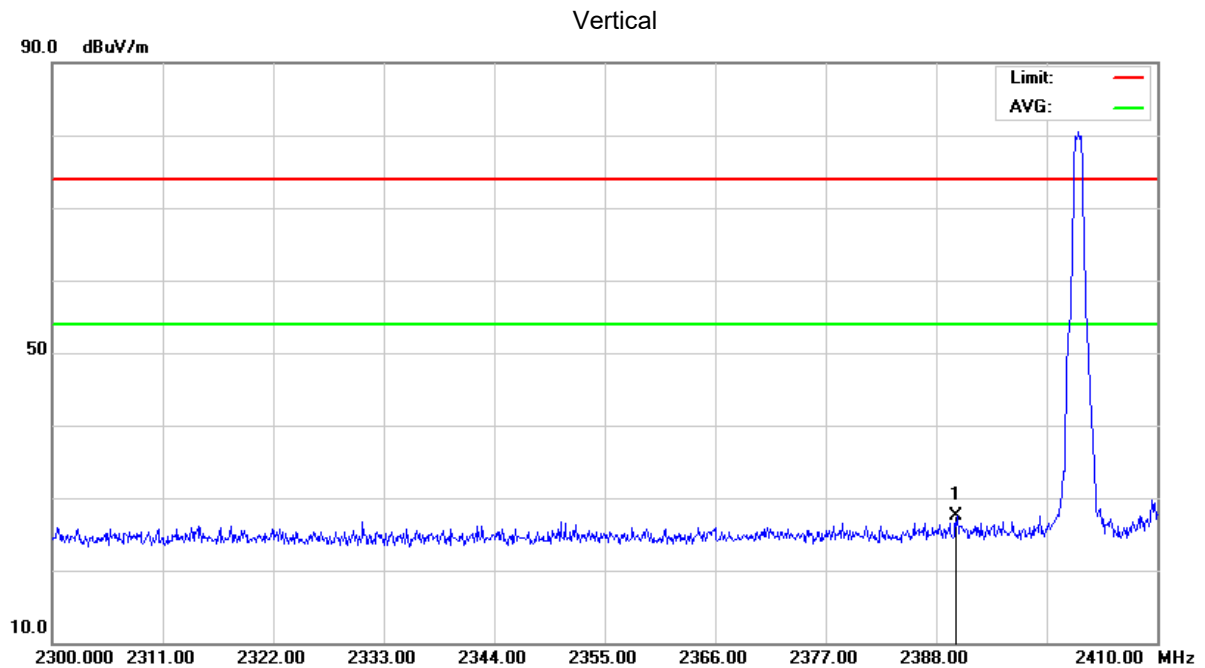
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_Low channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2390.000	38.99	-4.09	34.90	74.00	-39.10	peak

EUT Information

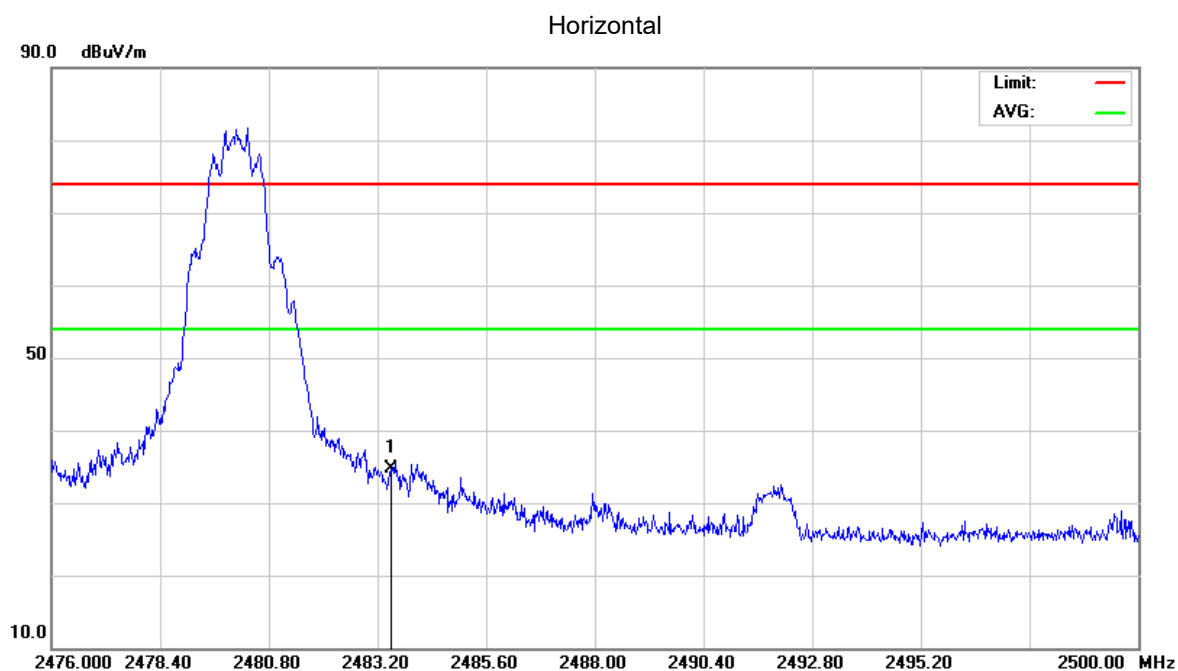
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_Low channel
Order No/Sample No: 170473286/AiTGD-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB Detector
1	*	2390.000	31.51	-4.09	27.42	74.00	-46.58 peak

EUT Information

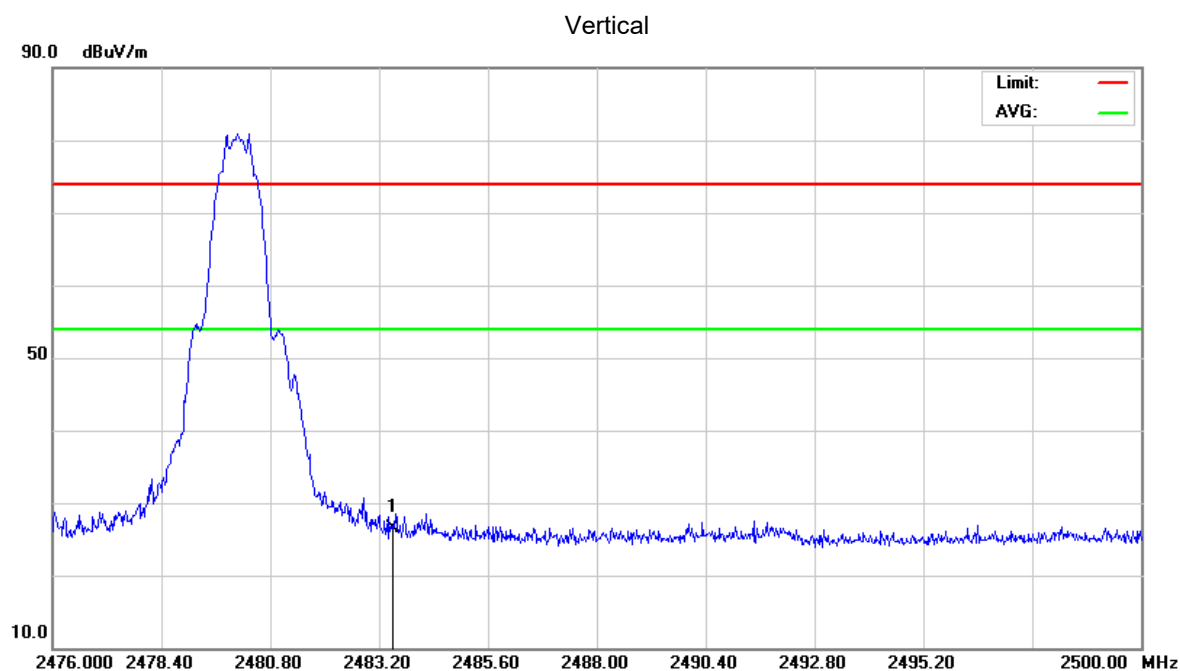
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_High channel
Order No./Sample No: 170473286/AiT DG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2483.500	38.73	-4.06	34.67	74.00	-39.33	peak

EUT Information

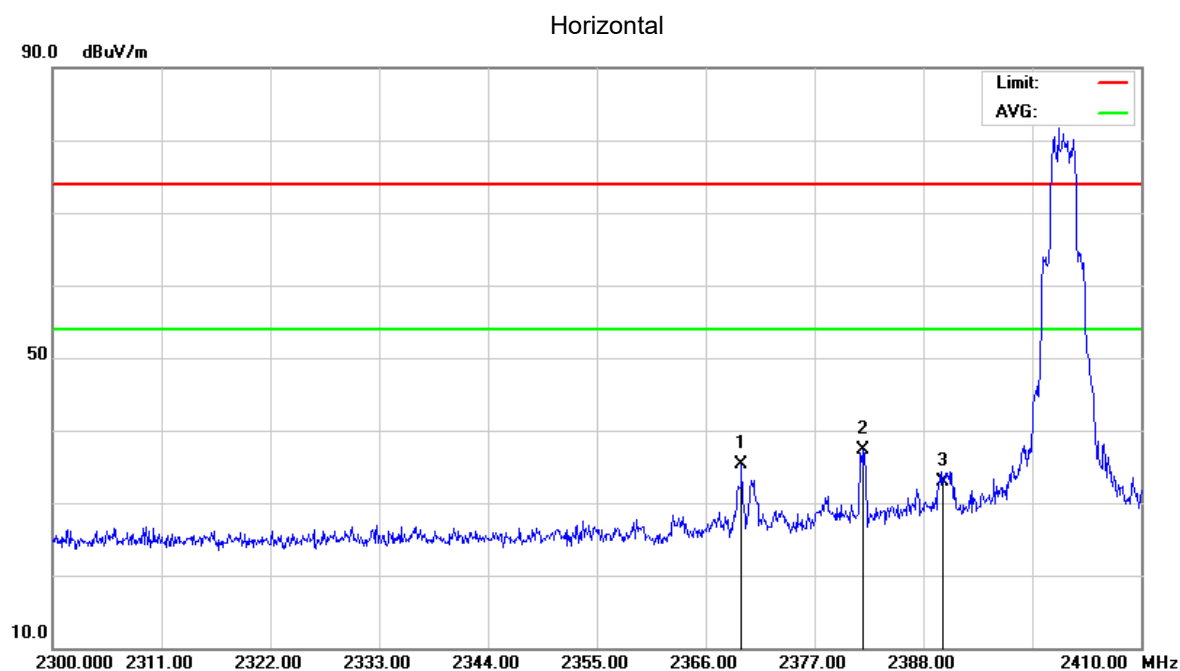
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_High channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2483.500	30.53	-4.06	26.47	74.00	-47.53	peak

EUT Information

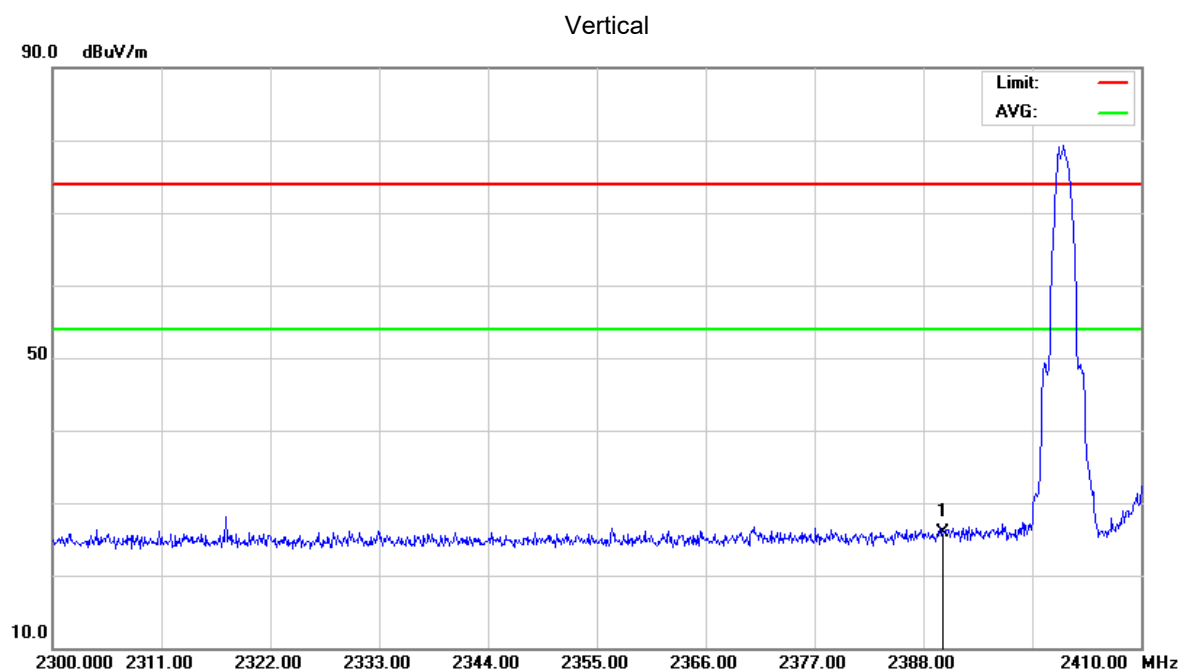
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_Low channel
Order No/Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		2369.630	39.45	-4.10	35.35	74.00	-38.65	peak
2	*	2381.840	41.38	-4.09	37.29	74.00	-36.71	peak
3		2390.000	36.98	-4.09	32.89	74.00	-41.11	peak

EUT Information

EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_Low channel
Order No/Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang

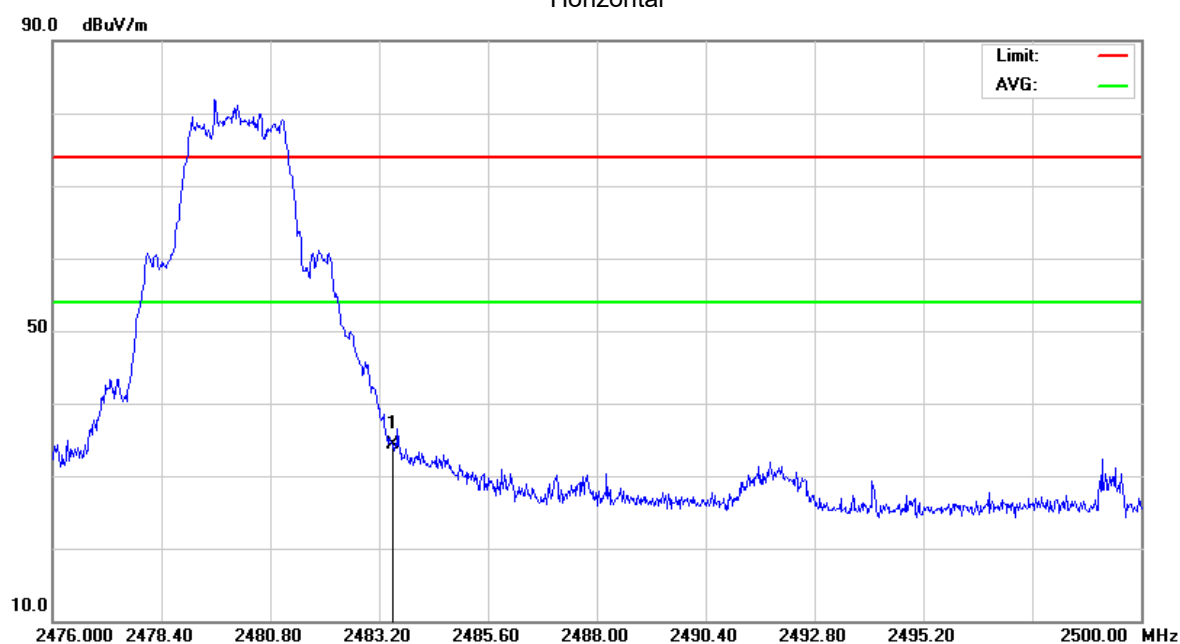


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB Detector
1	*	2390.000	30.07	-4.09	25.98	74.00	-48.02 peak

EUT Information

EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_High channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang

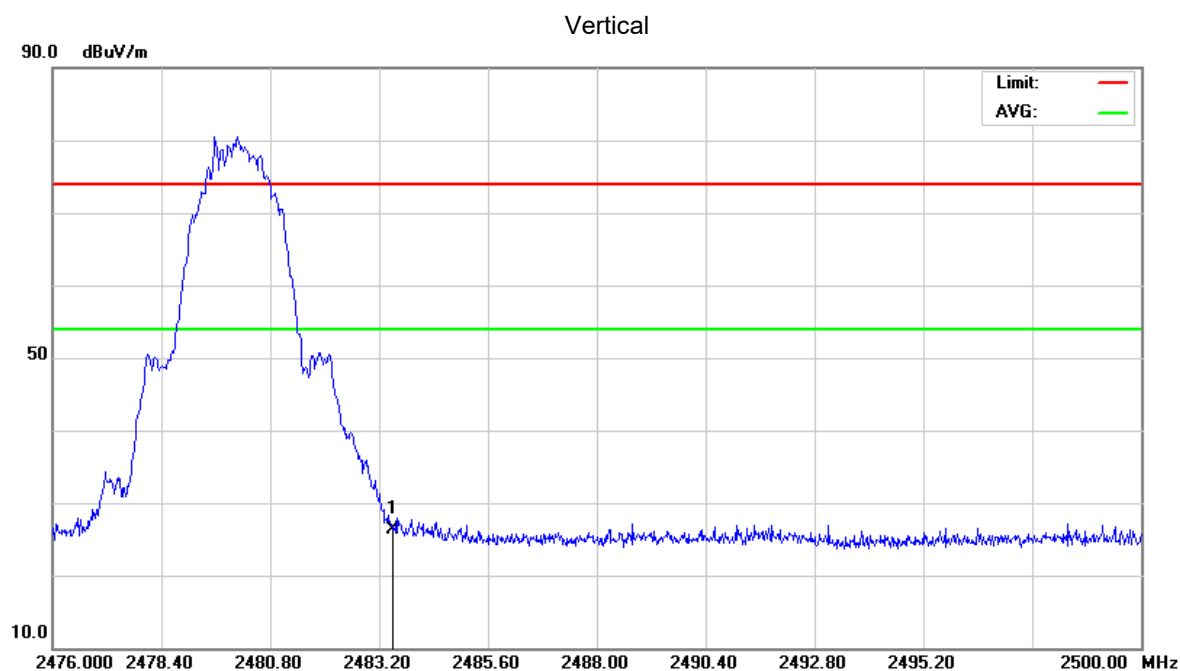
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB Detector
1	*	2483.500	38.40	-4.06	34.34	74.00	-39.66 peak

EUT Information

EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_High channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



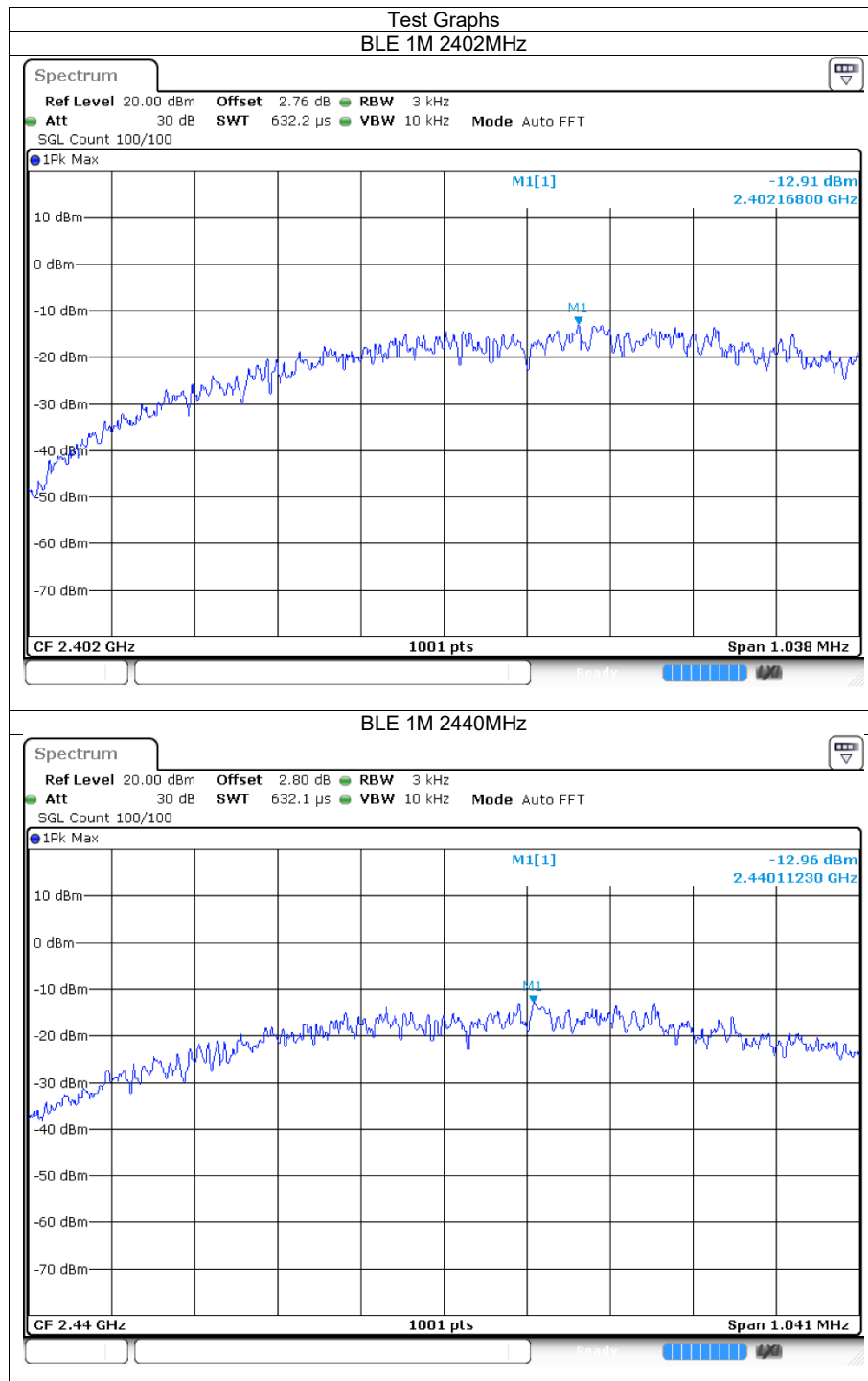
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2483.500	30.39	-4.06	26.33	74.00	-47.67	peak

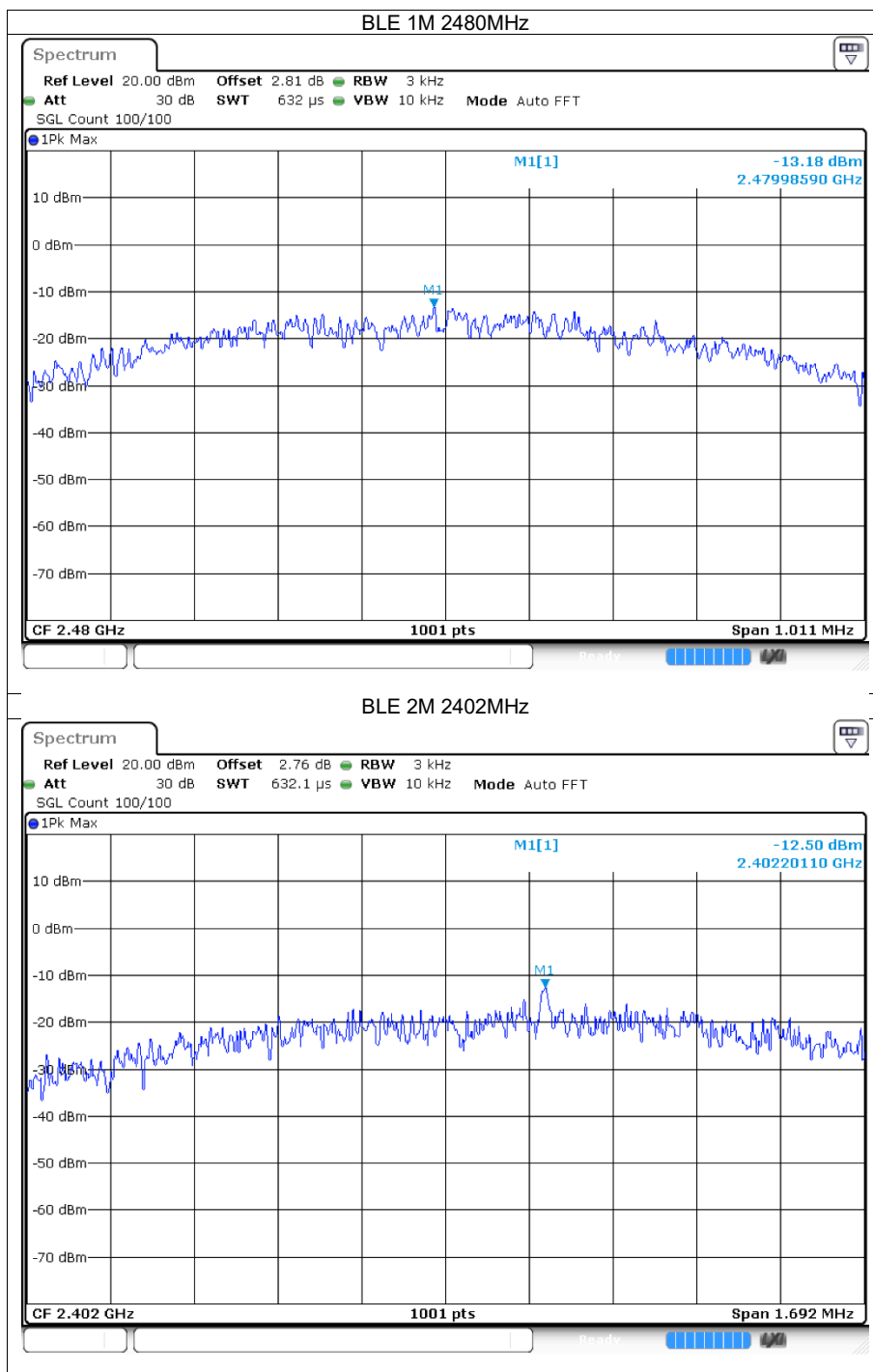
Appendix C: Test Results of Bluetooth Low Energy

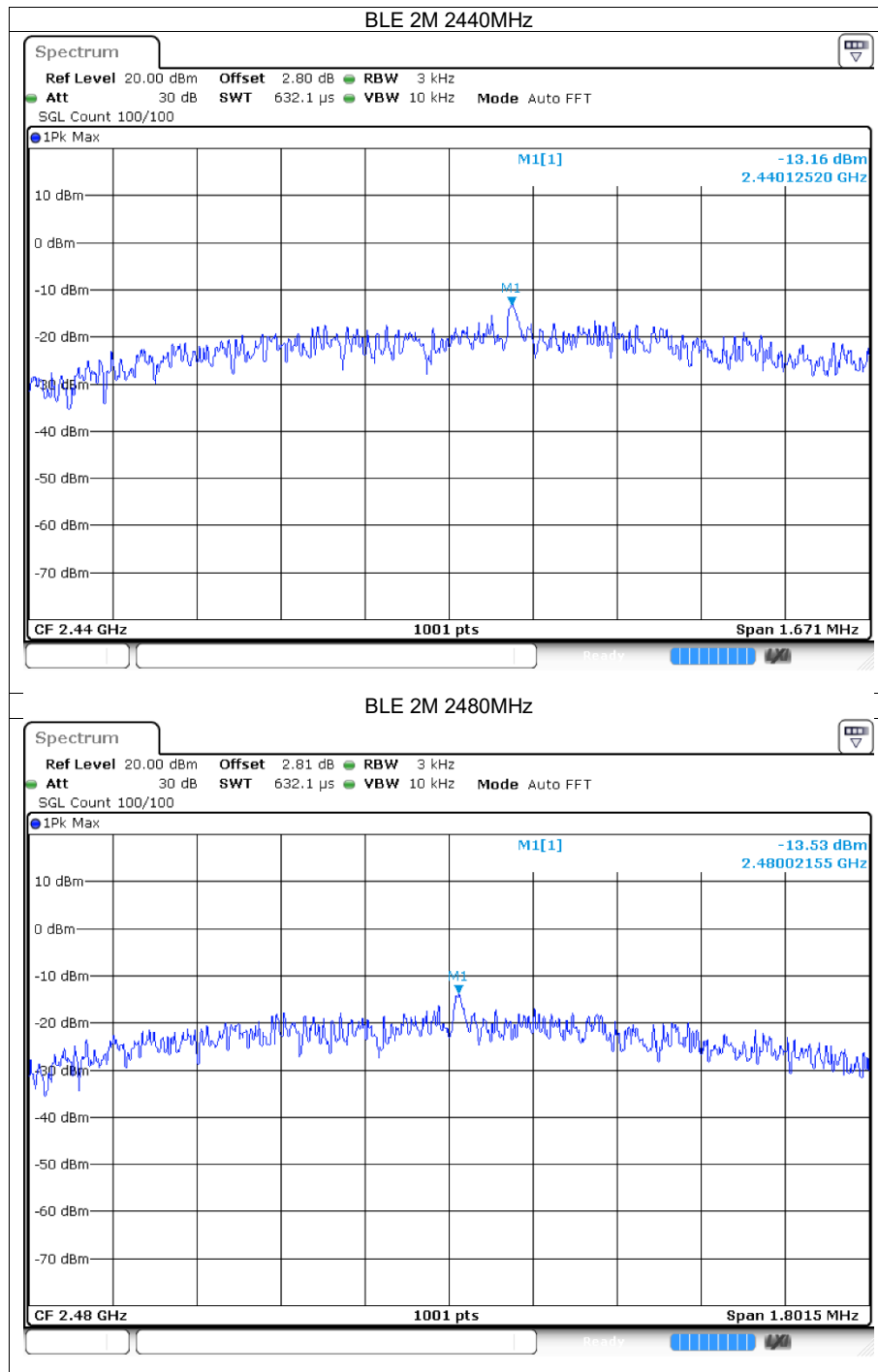
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Appendix C.1: Test Results of Conducted Power Spectral Density

Mode	Frequency (MHz)	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
BLE 1M	2402	-12.91	≤8	Pass
BLE 1M	2440	-12.96	≤8	Pass
BLE 1M	2480	-13.18	≤8	Pass
BLE 2M	2402	-12.5	≤8	Pass
BLE 2M	2440	-13.16	≤8	Pass
BLE 2M	2480	-13.53	≤8	Pass

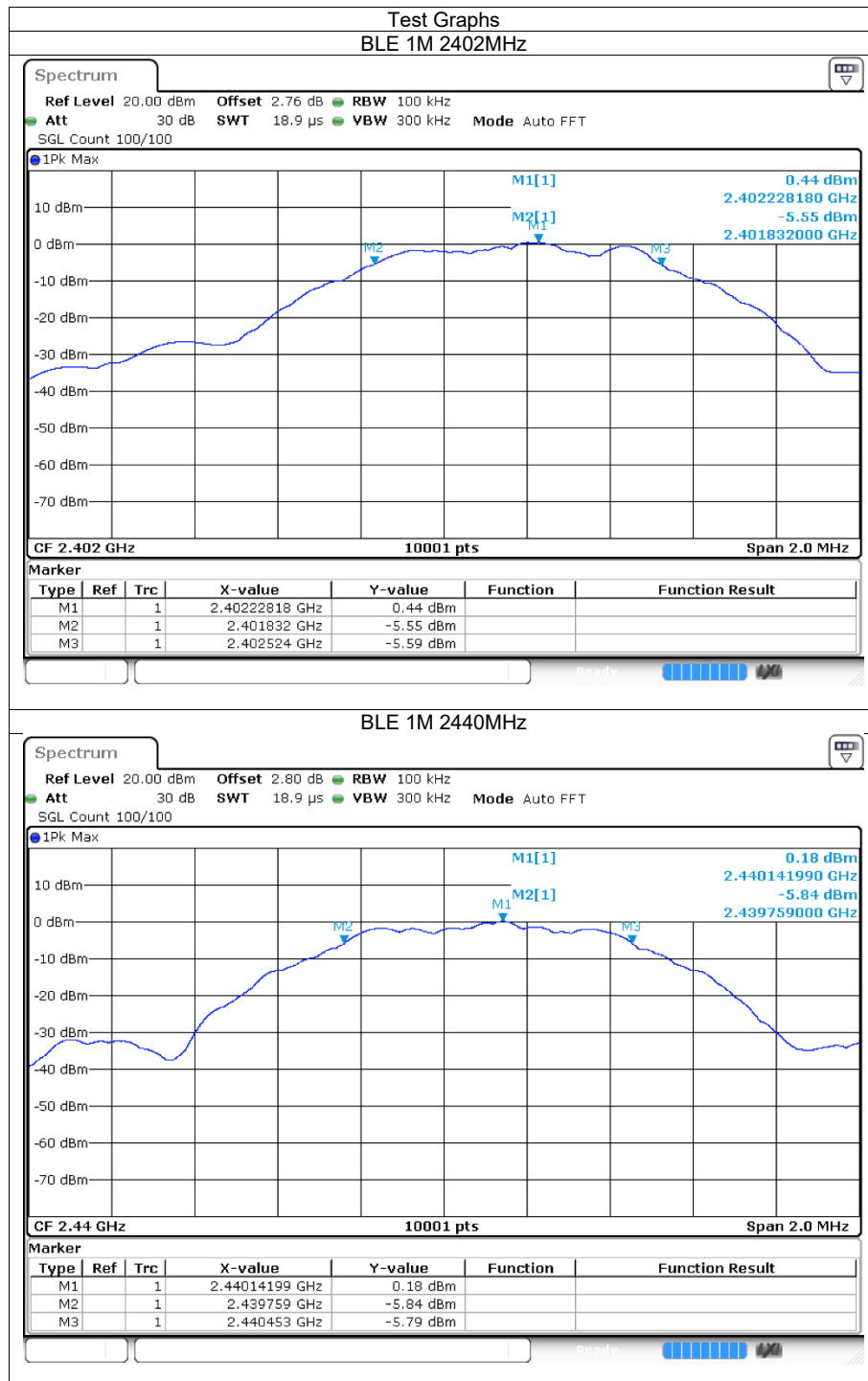


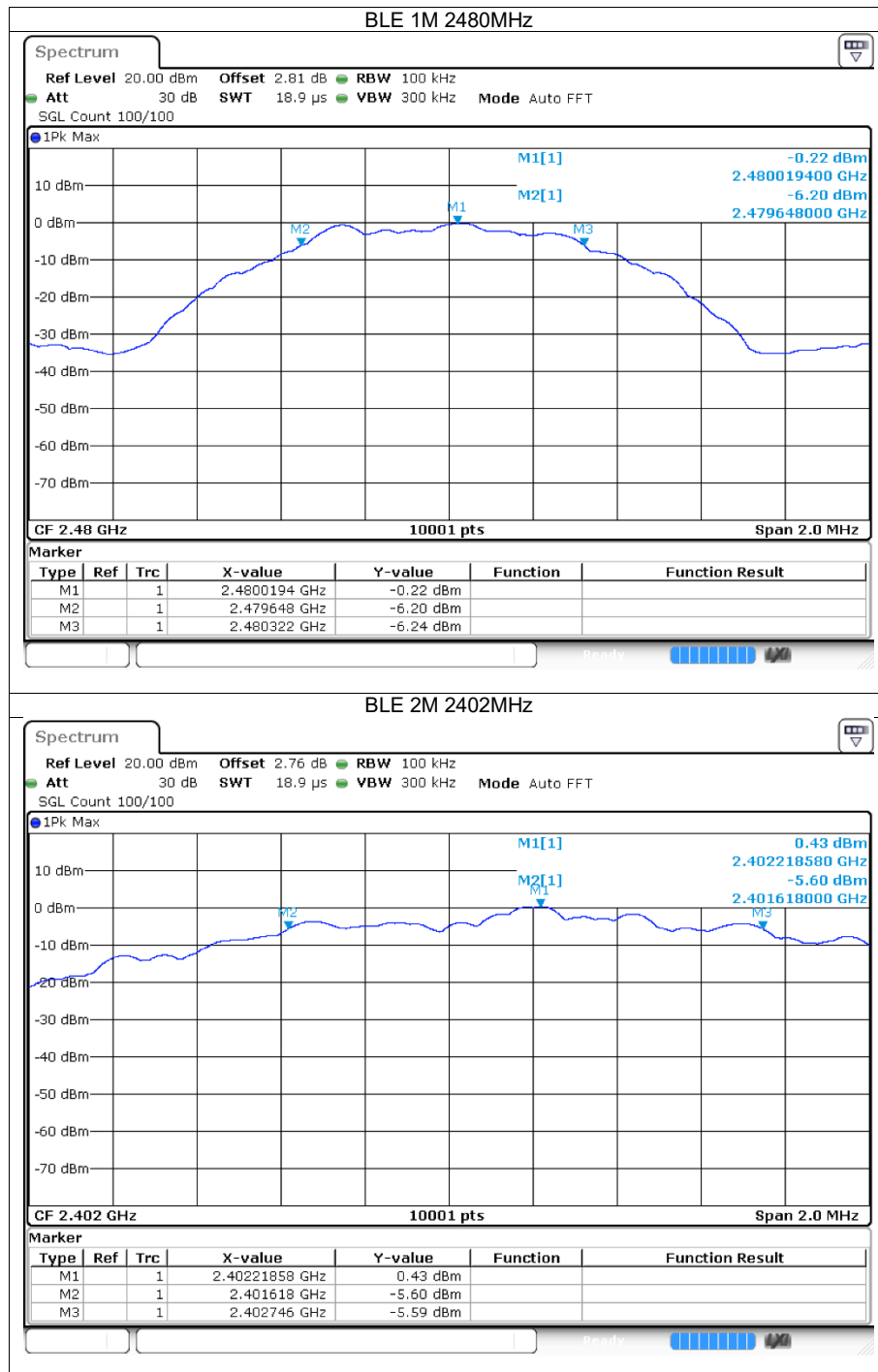


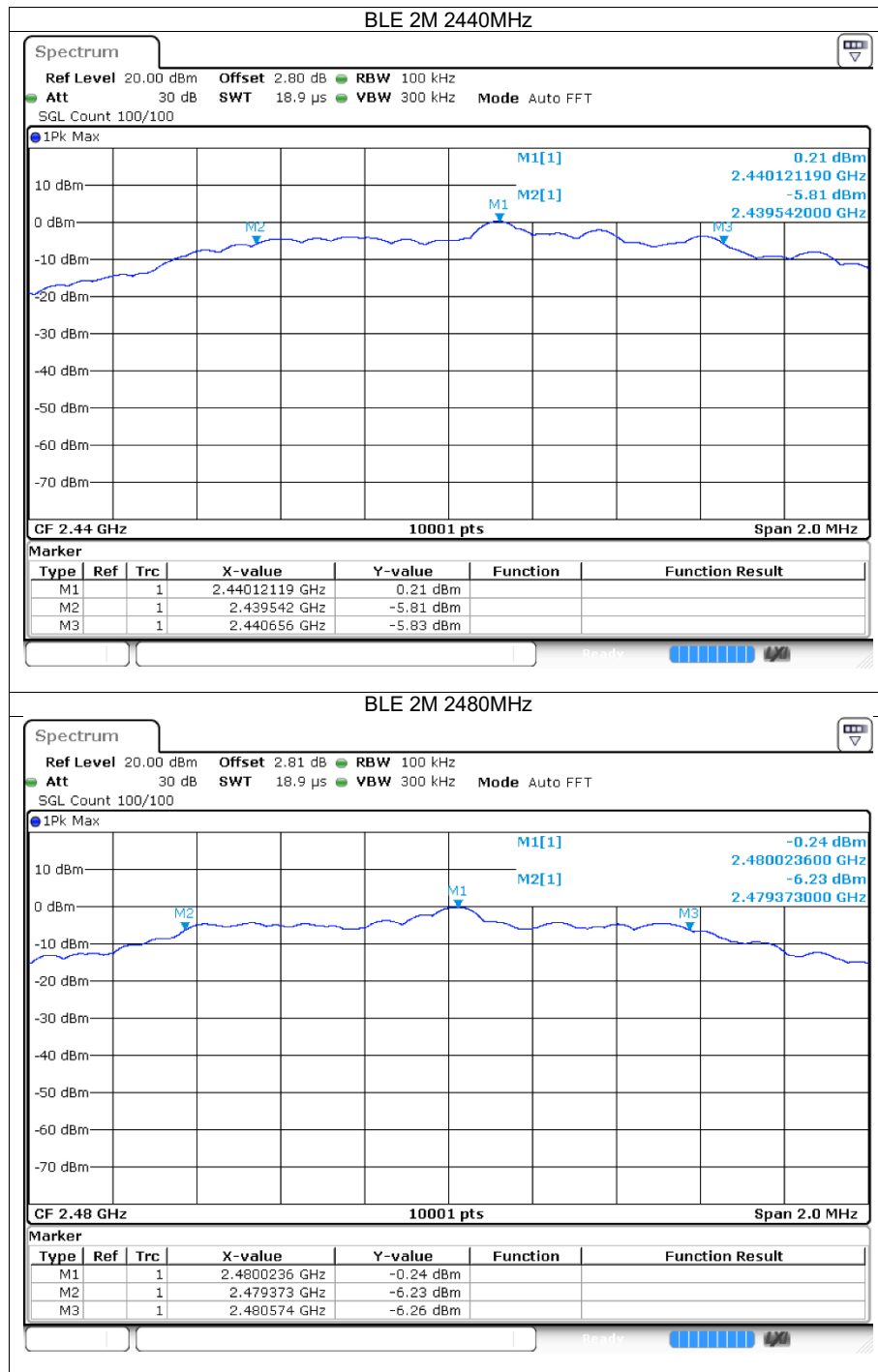


Appendix C.2: Test Results of 6dB Bandwidth

Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
BLE 1M	2402	0.692	0.5	Pass
BLE 1M	2440	0.694	0.5	Pass
BLE 1M	2480	0.674	0.5	Pass
BLE 2M	2402	1.128	0.5	Pass
BLE 2M	2440	1.114	0.5	Pass
BLE 2M	2480	1.201	0.5	Pass



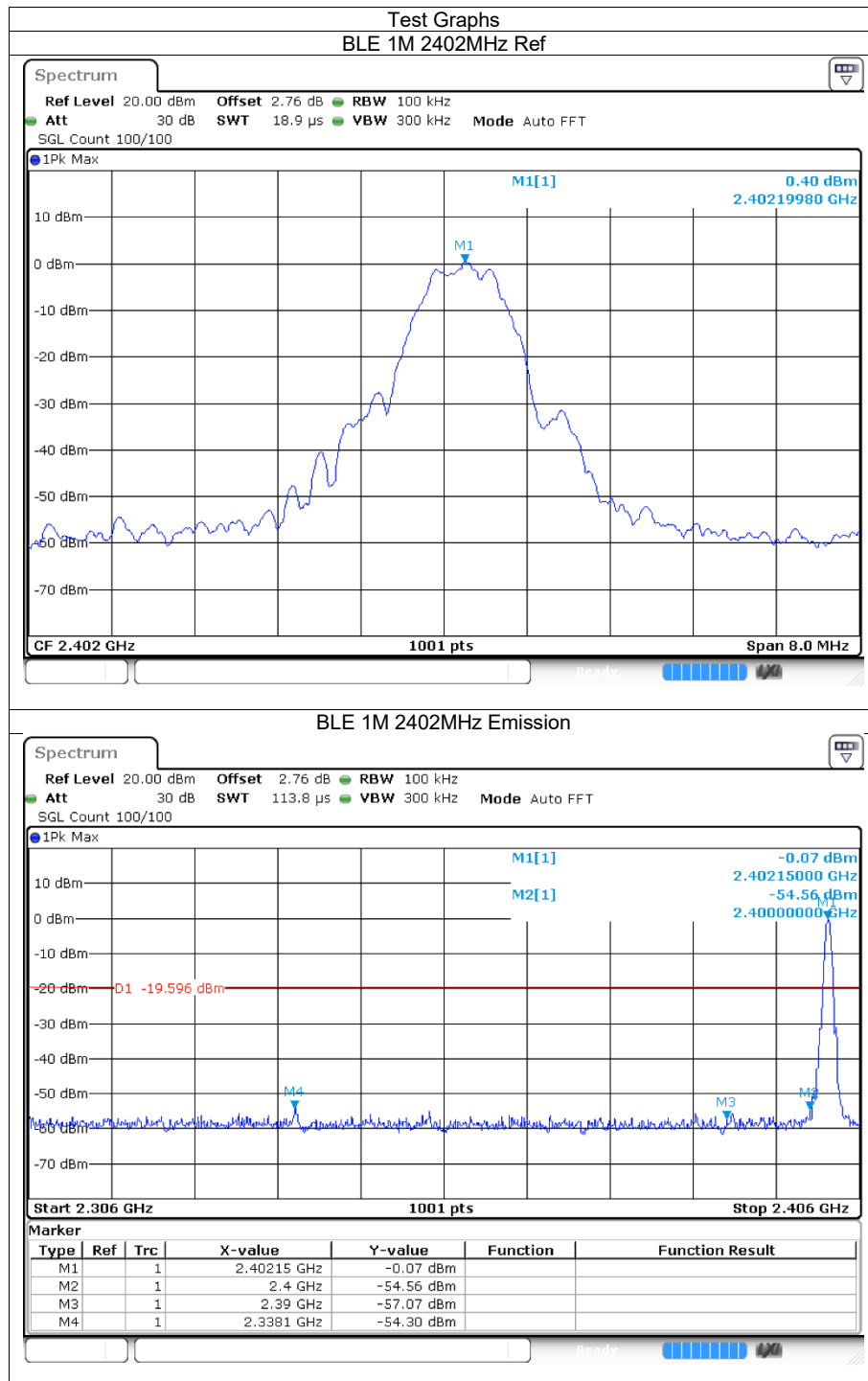


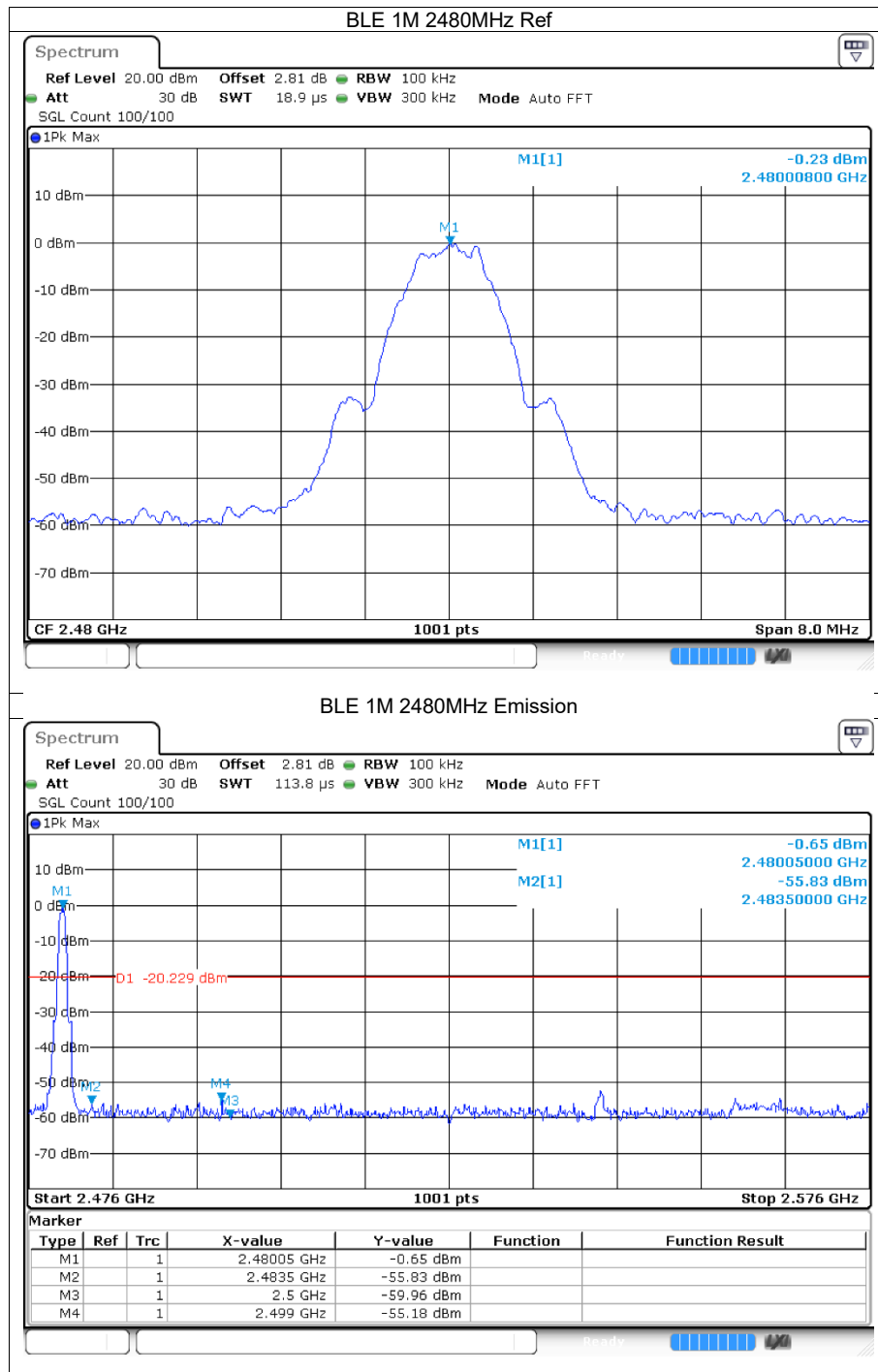


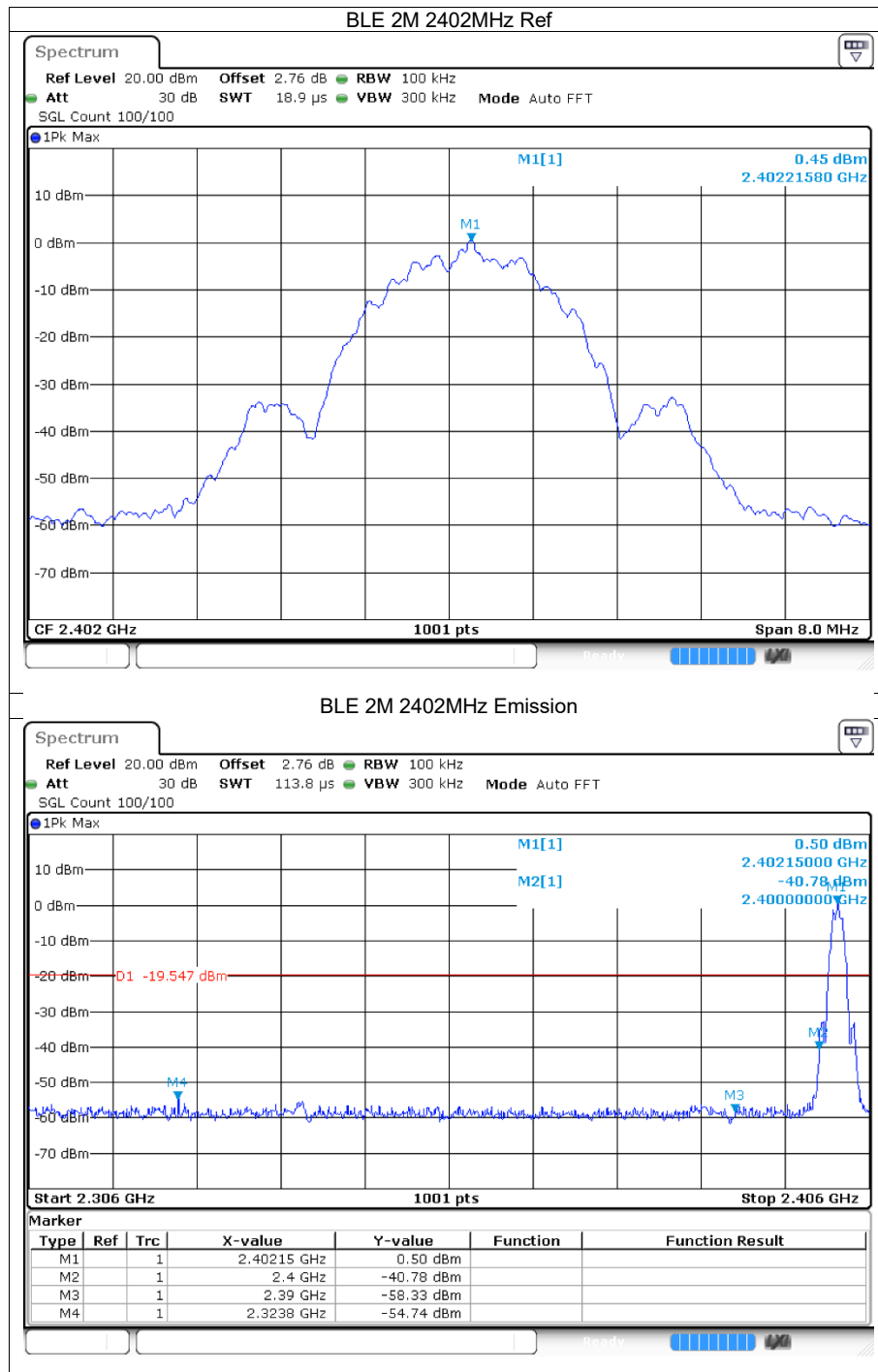
Appendix C.3: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

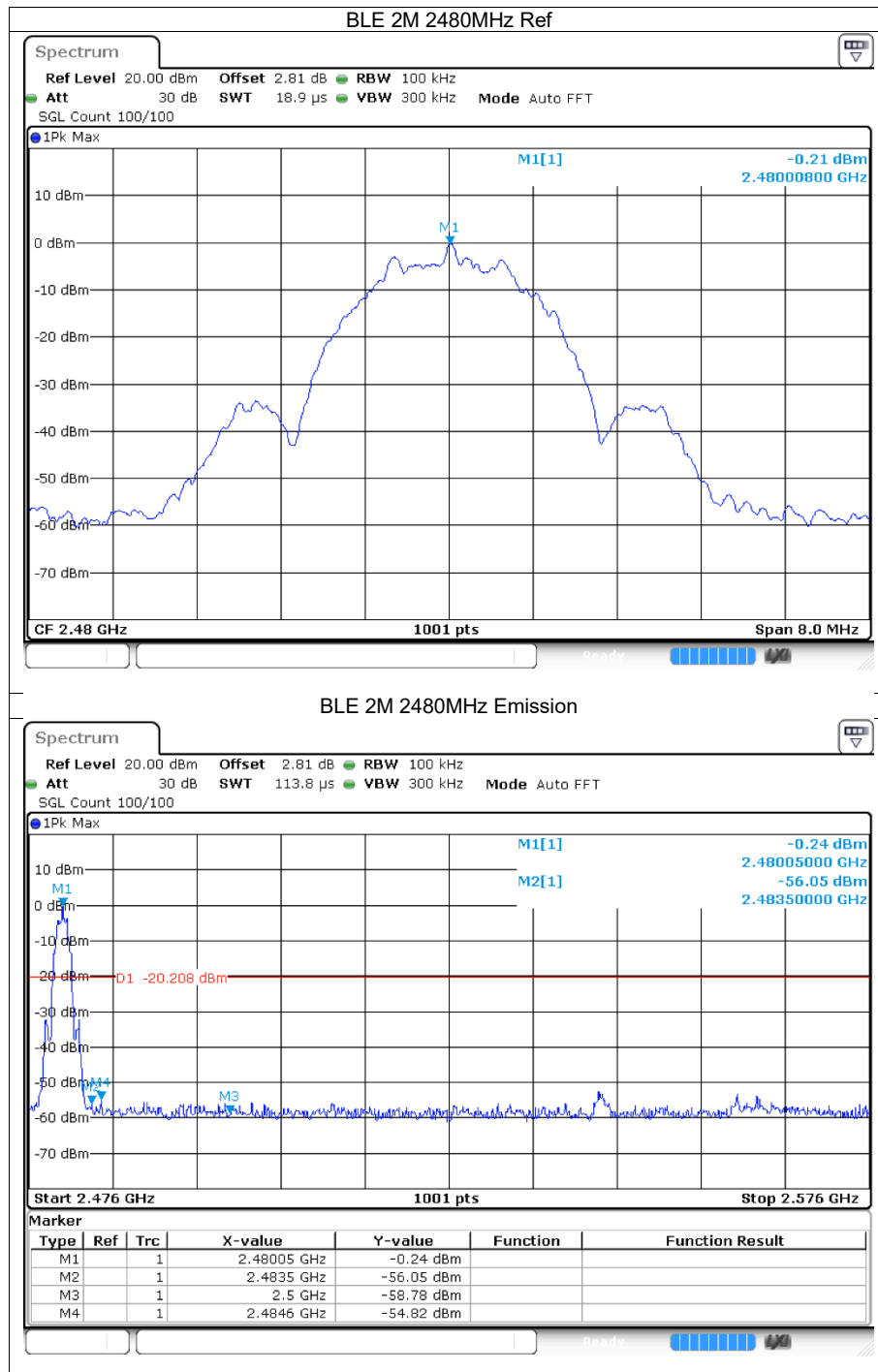
Band Edge

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-54.7	-20	Pass
BLE 1M	2480	-54.95	-20	Pass
BLE 2M	2402	-55.19	-20	Pass
BLE 2M	2480	-54.61	-20	Pass



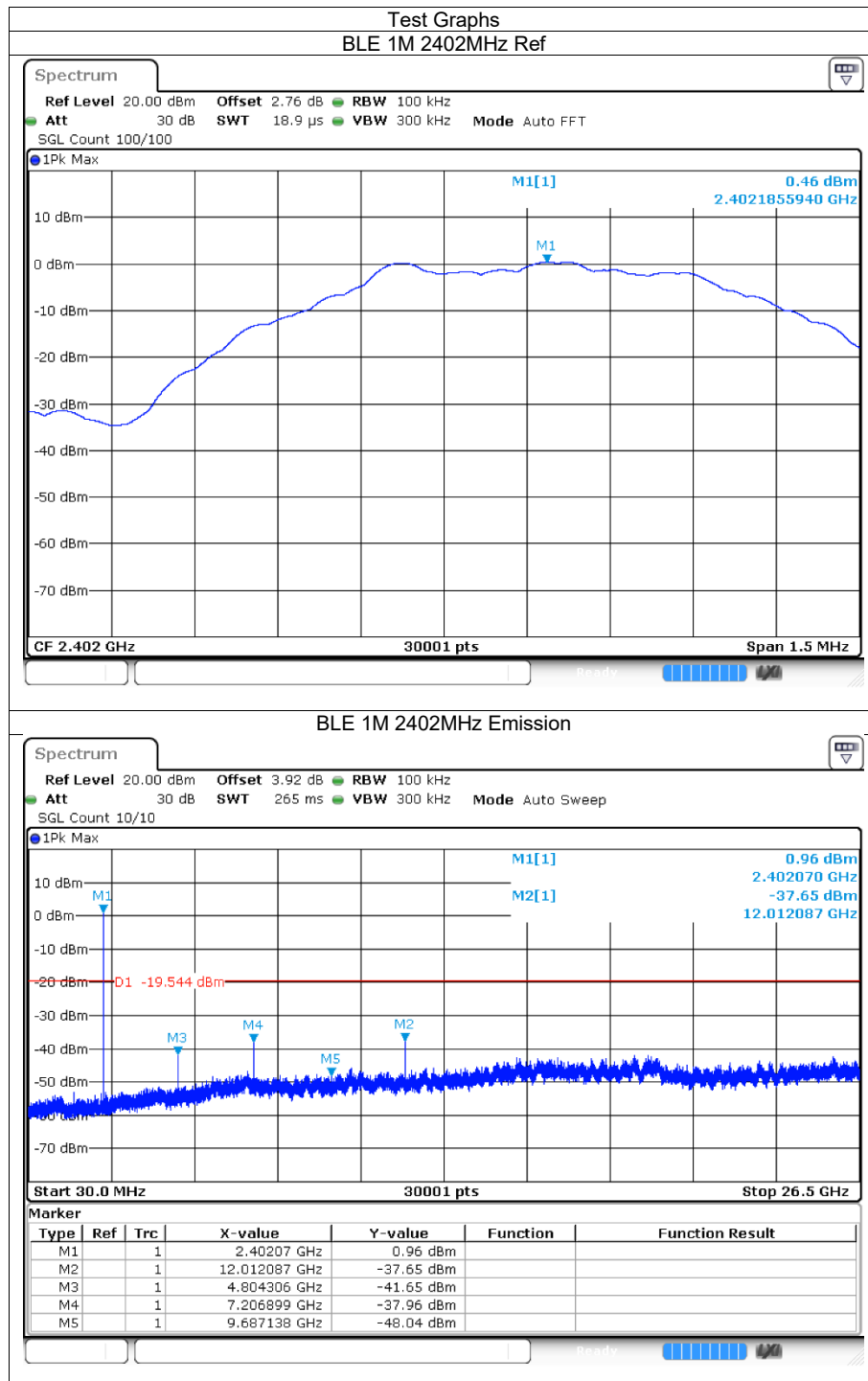


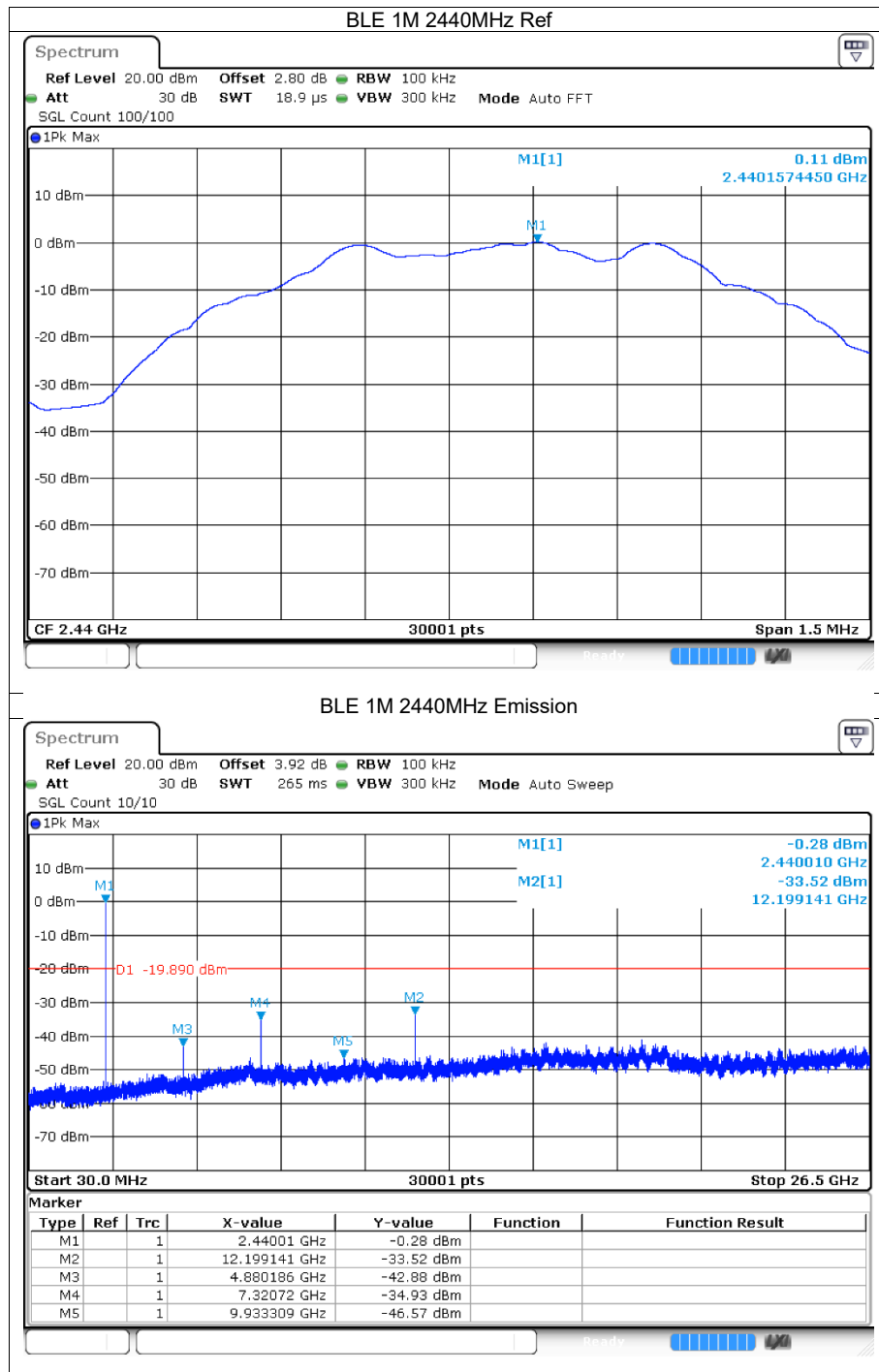


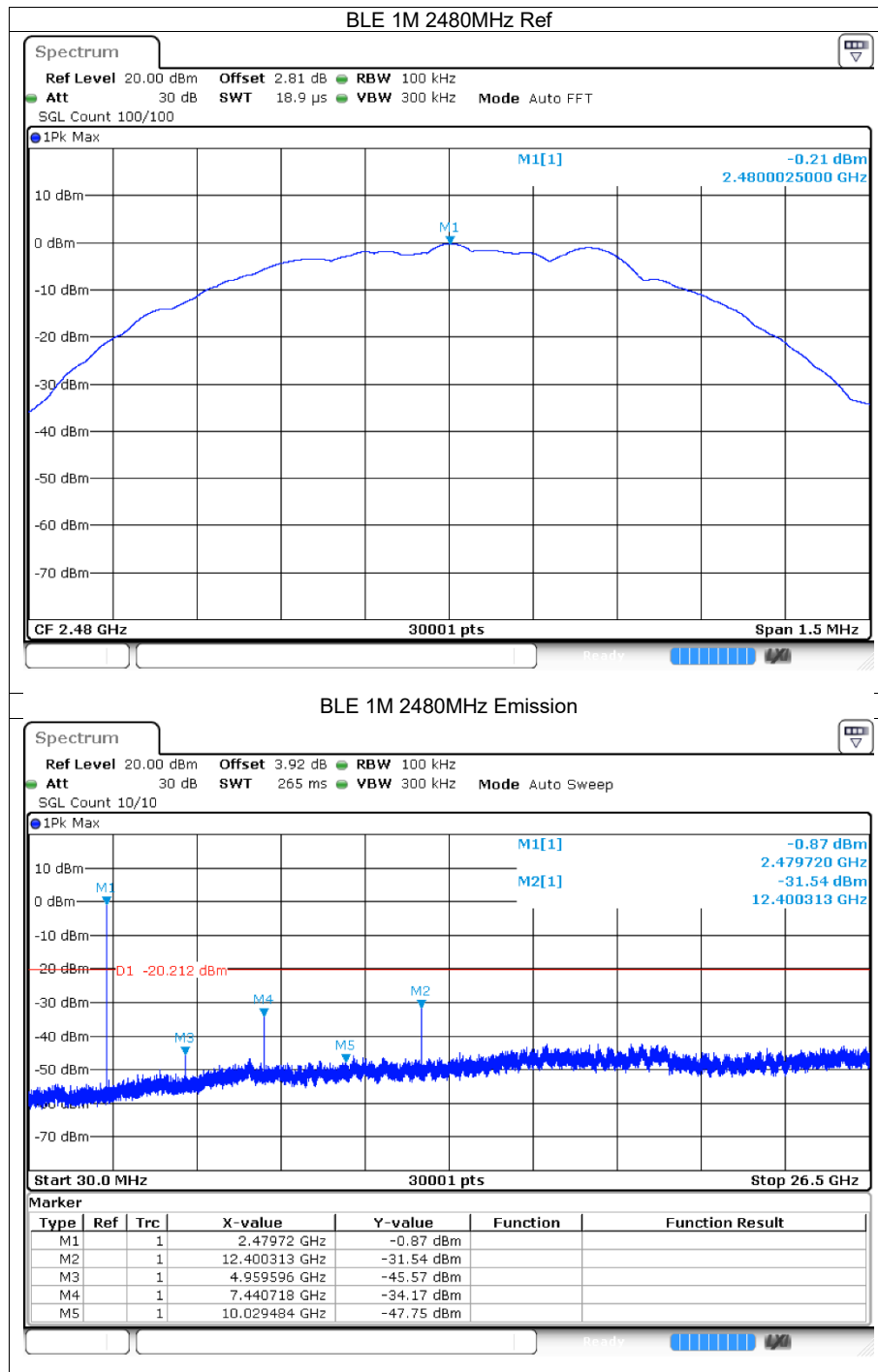


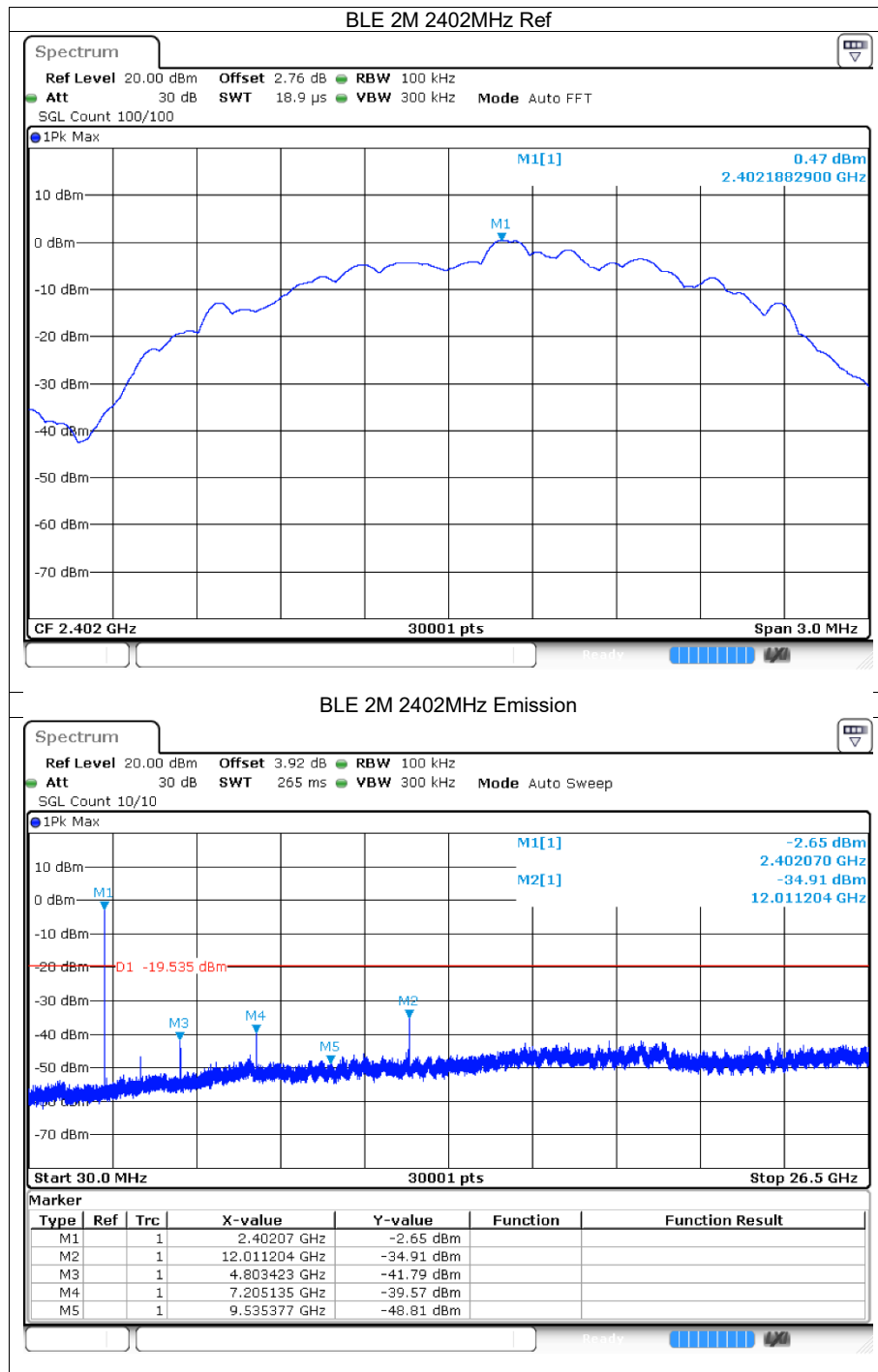
Conducted Spurious Emission

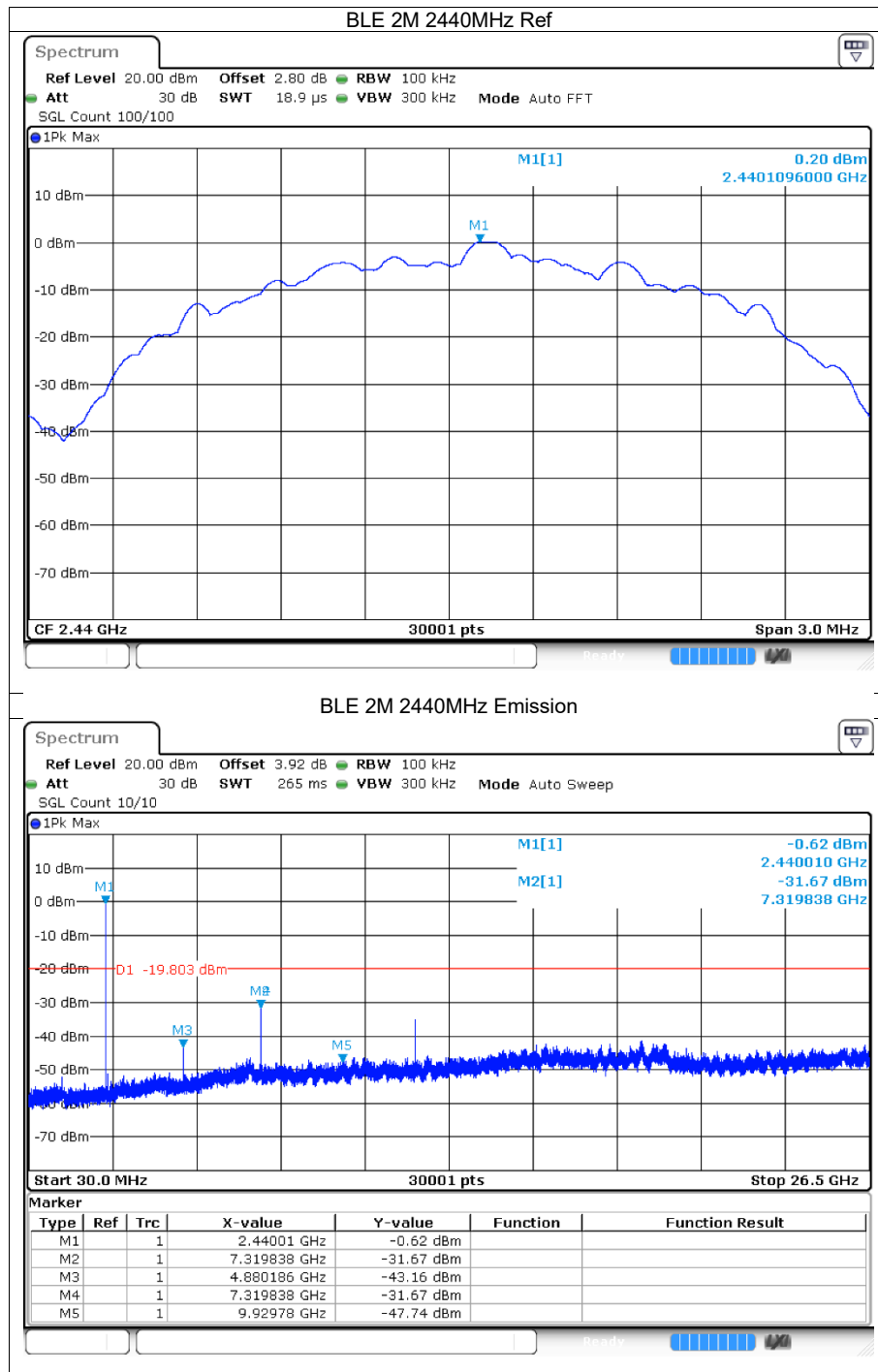
Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-38.1	-20	Pass
BLE 1M	2440	-33.62	-20	Pass
BLE 1M	2480	-31.33	-20	Pass
BLE 2M	2402	-35.38	-20	Pass
BLE 2M	2440	-31.86	-20	Pass
BLE 2M	2480	-36.1	-20	Pass

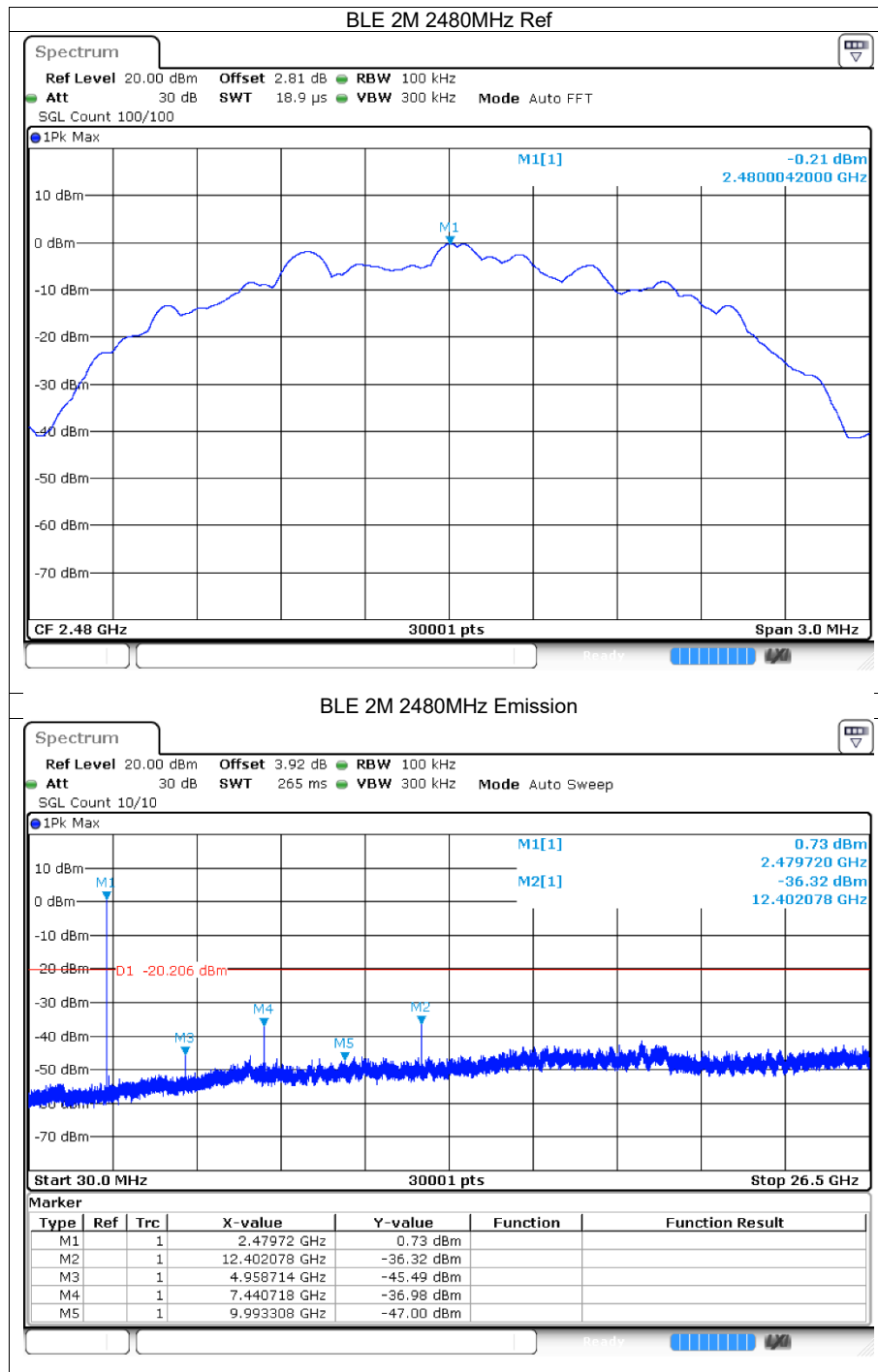












Appendix C.4: Test Results of Radiated Spurious Emissions

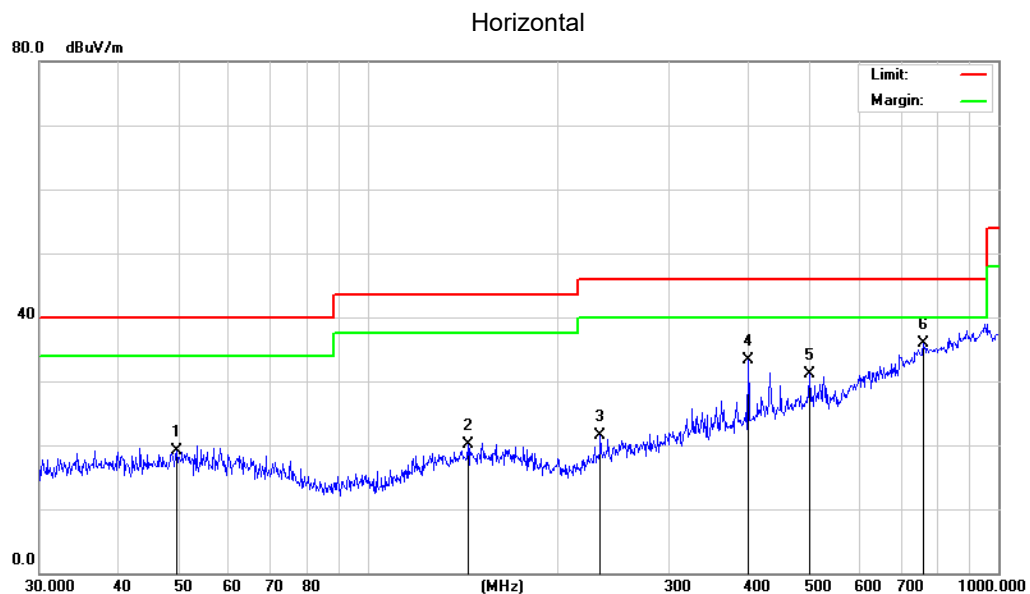
Note:

- 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.

30 MHz - 1GHz

EUT Information

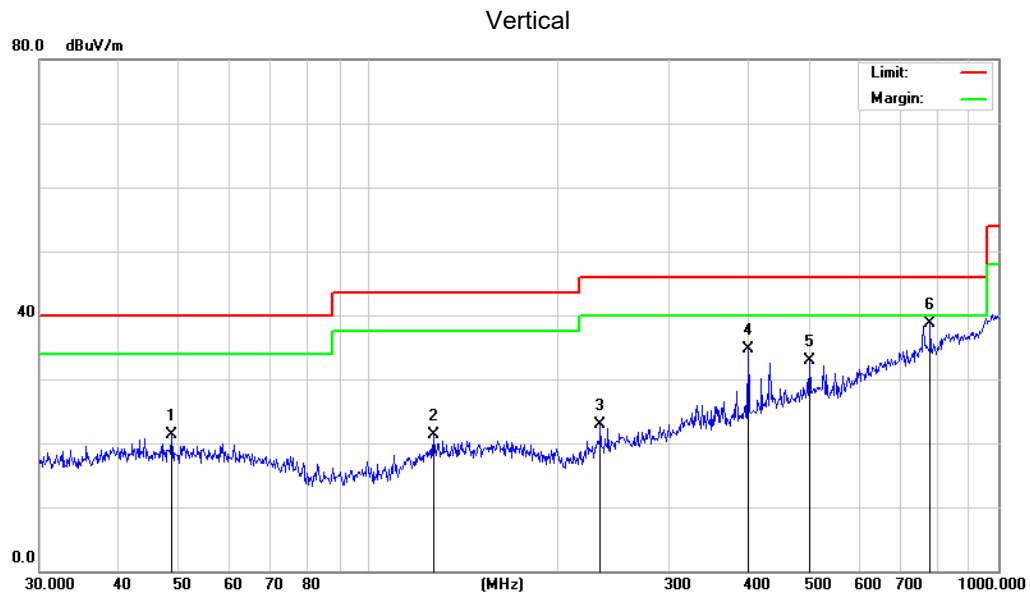
EUT Name:	Bluetooth Speaker
Model:	V3 PRO
Test Mode:	BLE 2M_Low channel
Order No/Sample No:	170473286/AiTDG-260605003-1
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Emiya Lin
Reviewed By:	Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		49.5328	20.29	-1.15	19.14	40.00	-20.86	QP
2		143.8295	20.04	0.02	20.06	43.50	-23.44	QP
3		233.3487	22.38	-0.96	21.42	46.00	-24.58	QP
4		400.4319	28.78	4.58	33.36	46.00	-12.64	QP
5		501.1790	23.79	7.35	31.14	46.00	-14.86	QP
6	*	760.7036	22.91	13.07	35.98	46.00	-10.02	QP

EUT Information

EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_Low channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emya Lin
Reviewed By: Simba Huang



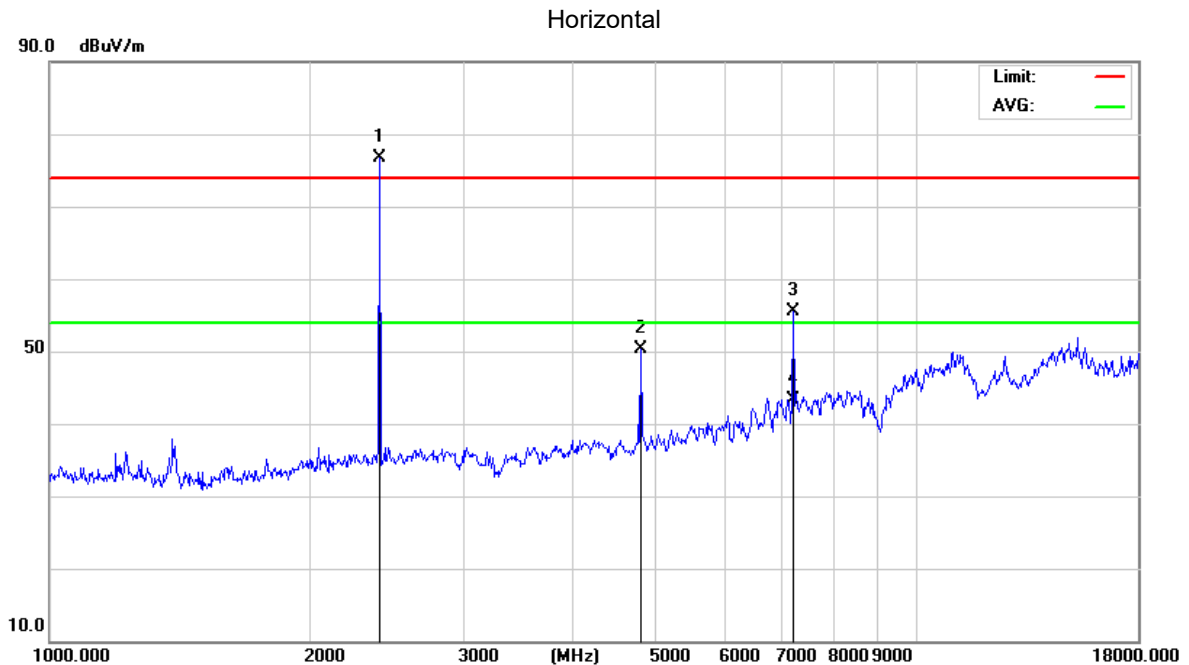
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	
		MHz	Level	Factor	ment			Detector
			dBuV	dB	dBuV/m	dBuV/m	dB	
1		48.6719	22.41	-1.13	21.28	40.00	-18.72	QP
2		126.7723	22.37	-1.06	21.31	43.50	-22.19	QP
3		233.3487	23.78	-0.96	22.82	46.00	-23.18	QP
4		400.4319	30.03	4.58	34.61	46.00	-11.39	QP
5		501.1790	25.63	7.35	32.98	46.00	-13.02	QP
6	*	779.6068	25.23	13.46	38.69	46.00	-7.31	QP

1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

EUT Information

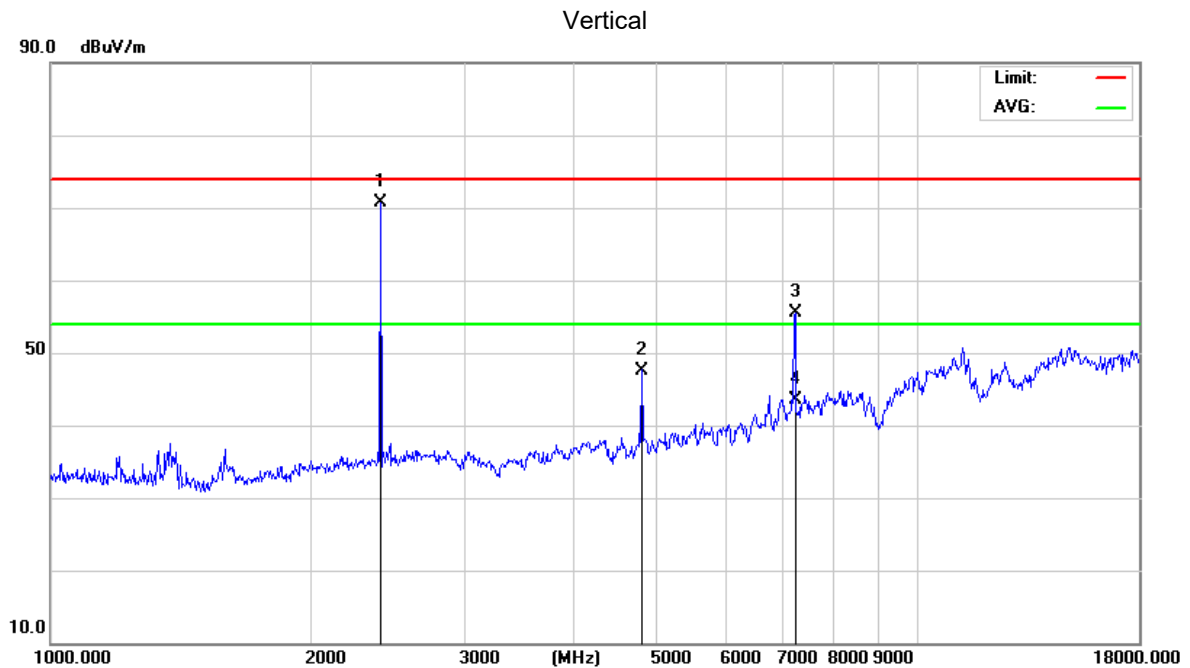
EUT Name:	Bluetooth Speaker
Model:	V3 PRO
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	170473286/AiTDG-260605003-1
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Emiya Lin
Reviewed By:	Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	*	2400.753	80.84	-4.09	76.75	74.00	2.75	peak
2		4804.110	52.28	-1.99	50.29	74.00	-23.71	peak
3		7206.000	51.90	3.54	55.44	74.00	-18.56	peak
4		7206.000	39.85	3.54	43.39	54.00	-10.61	AVG

EUT Information

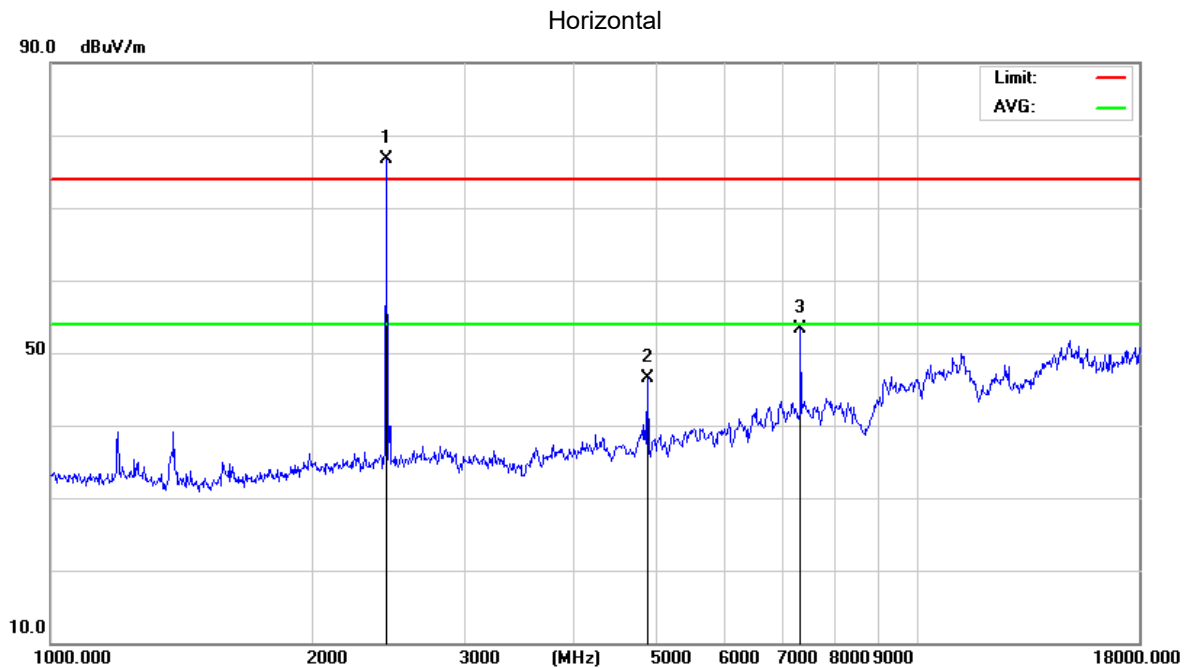
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_Low channel
Order No/Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2400.753	74.71	-4.09	70.62	74.00	-3.38	peak
2		4804.110	49.59	-1.99	47.60	74.00	-26.40	peak
3		7206.000	52.04	3.54	55.58	74.00	-18.42	peak
4		7206.000	39.95	3.54	43.49	54.00	-10.51	AVG

EUT Information

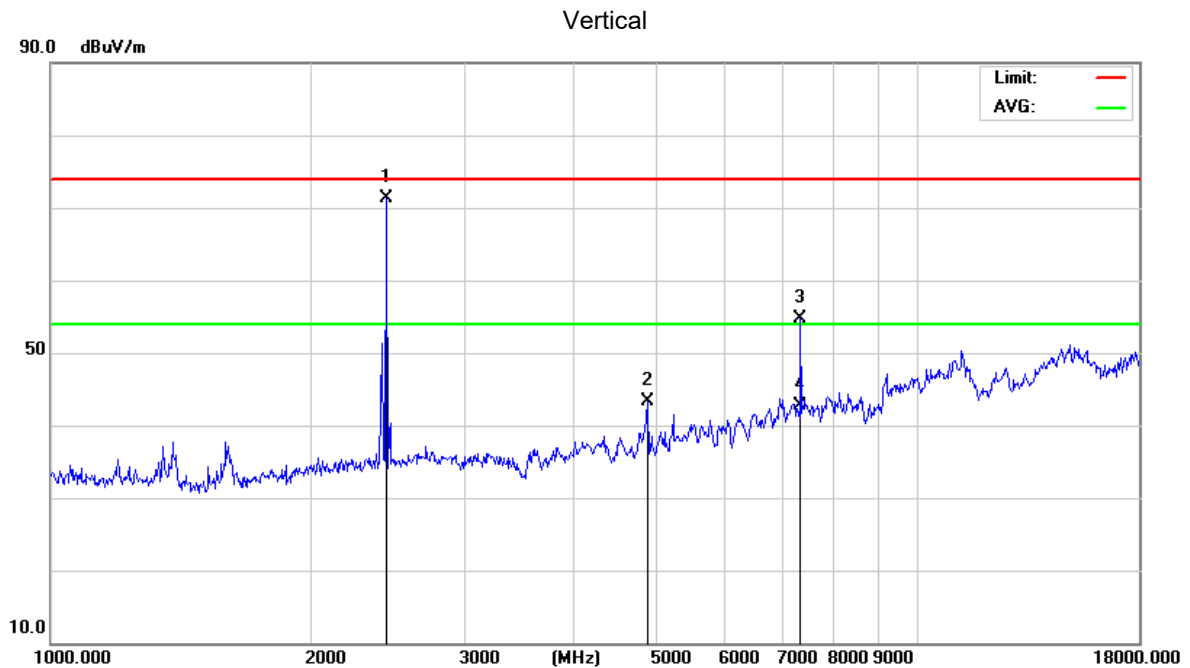
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_Mid channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2435.701	80.73	-4.08	76.65	74.00	2.65	peak
2		4874.042	48.36	-1.80	46.56	74.00	-27.44	peak
3		7326.267	49.45	3.83	53.28	74.00	-20.72	peak

EUT Information

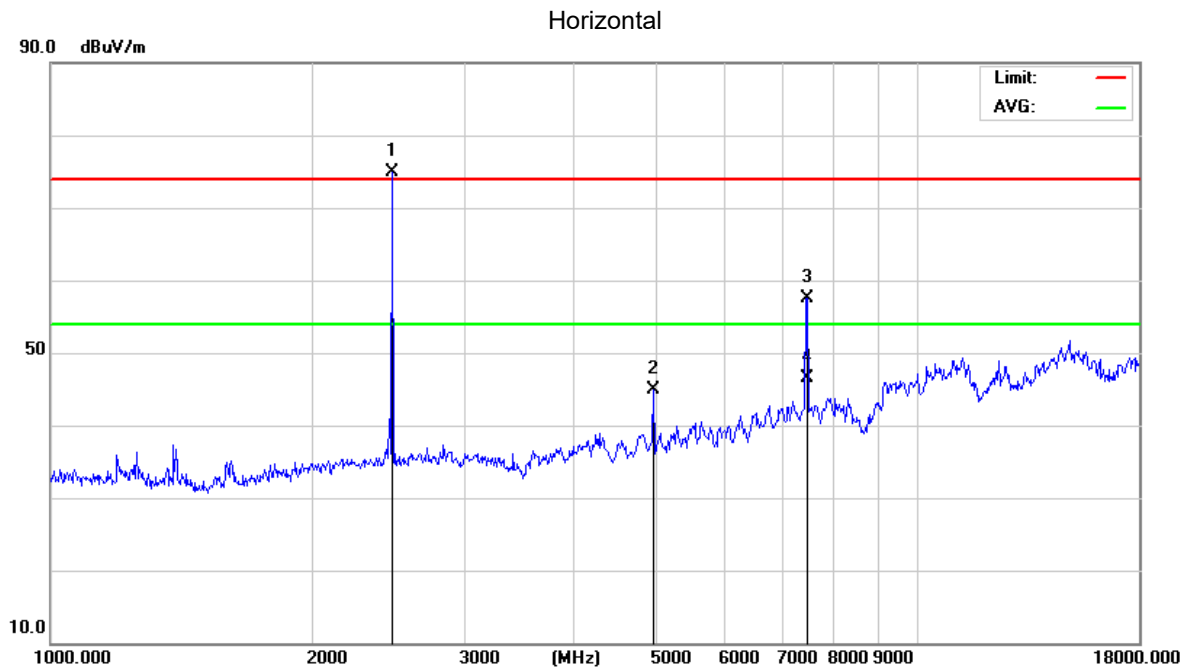
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_Mid channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2435.701	75.38	-4.08	71.30	74.00	-2.70	peak
2		4874.042	45.09	-1.80	43.29	74.00	-30.71	peak
3		7326.267	50.93	3.83	54.76	74.00	-19.24	peak
4		7326.267	38.79	3.83	42.62	54.00	-11.38	AVG

EUT Information

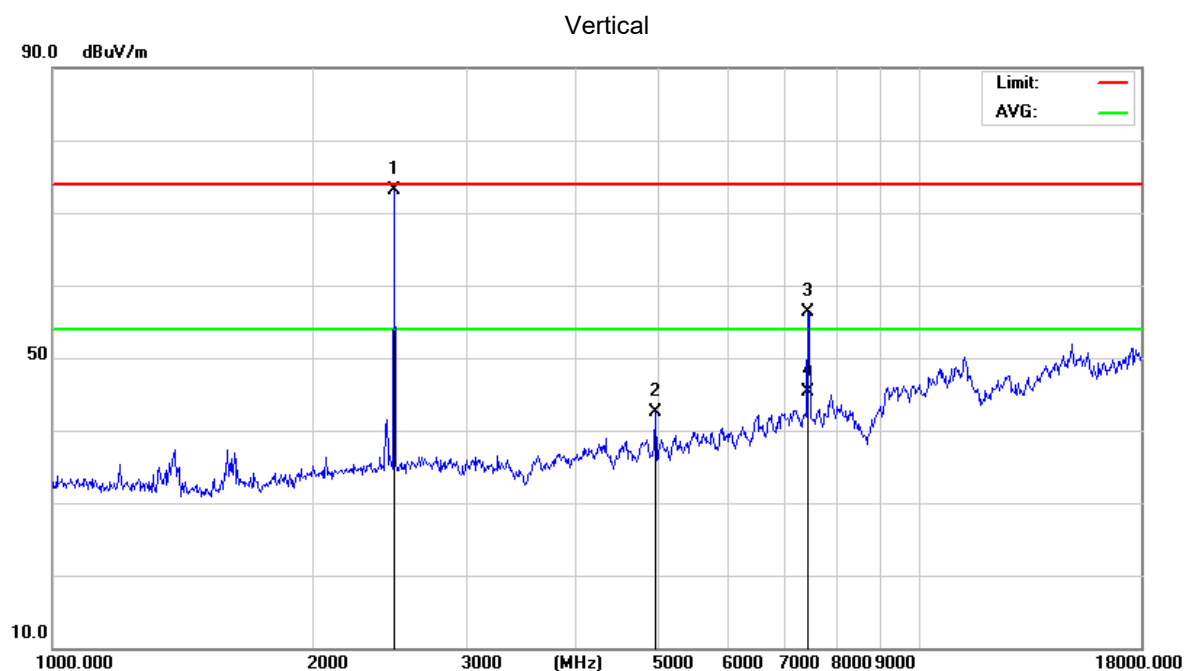
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_High channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	2478.310	79.02	-4.07	74.95	74.00	0.95	peak
2		4959.307	46.53	-1.57	44.96	74.00	-29.04	peak
3		7454.429	53.35	4.15	57.50	74.00	-16.50	peak
4		7454.429	42.31	4.15	46.46	54.00	-7.54	AVG

EUT Information

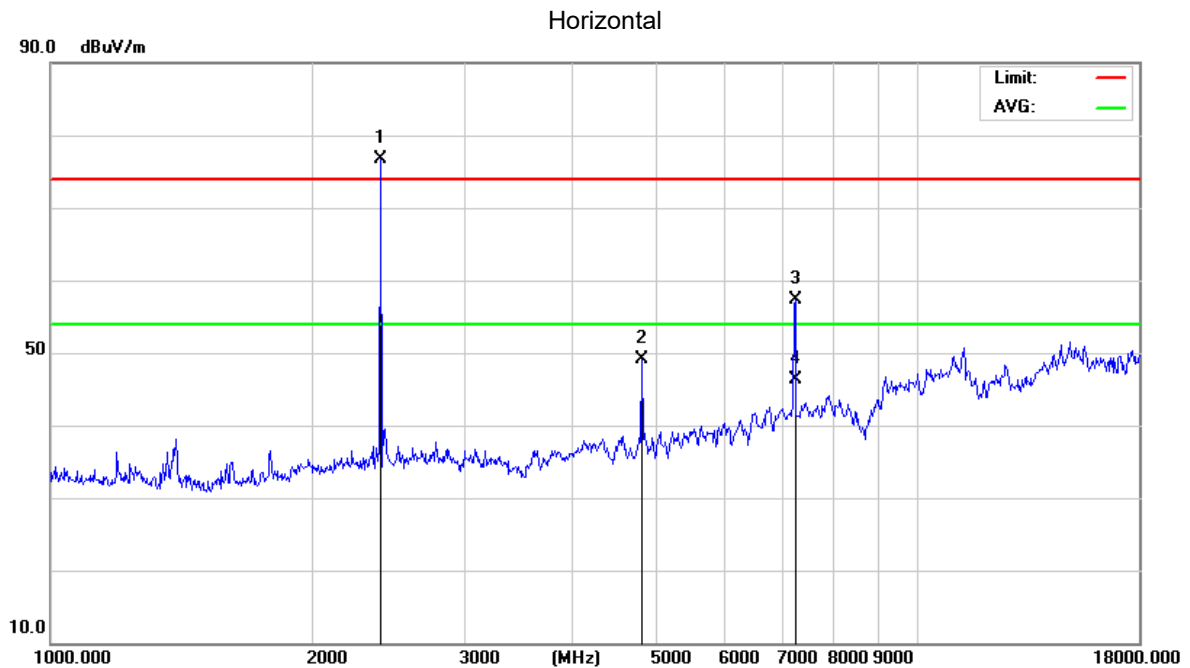
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_High channel
Order No/Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	*	2478.310	77.13	-4.07	73.06	74.00	-0.94	peak
2		4959.307	44.03	-1.57	42.46	74.00	-31.54	peak
3		7432.914	52.22	4.10	56.32	74.00	-17.68	peak
4		7432.914	41.18	4.10	45.28	54.00	-8.72	AVG

EUT Information

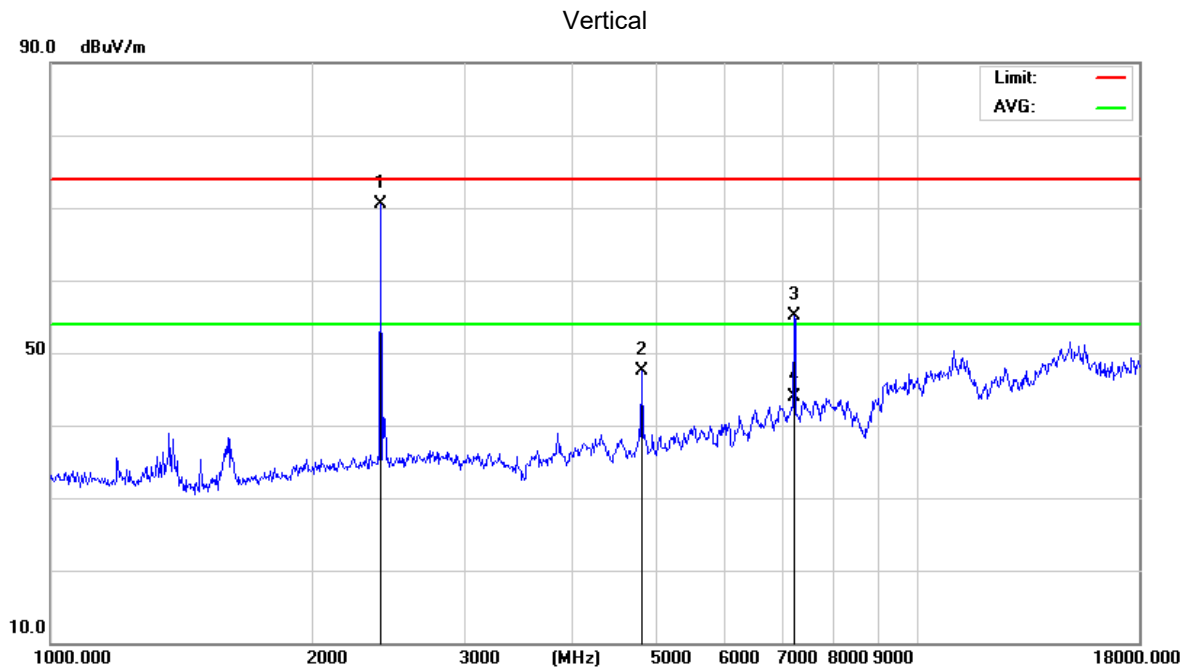
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Model: V3 PRO
Test Mode: BLE 2M_Low channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2400.753	80.75	-4.09	76.66	74.00	2.66	peak
2		4804.110	51.08	-1.99	49.09	74.00	-24.91	peak
3		7221.150	53.65	3.58	57.23	74.00	-16.77	peak
4		7221.150	42.68	3.58	46.26	54.00	-7.74	AVG

EUT Information

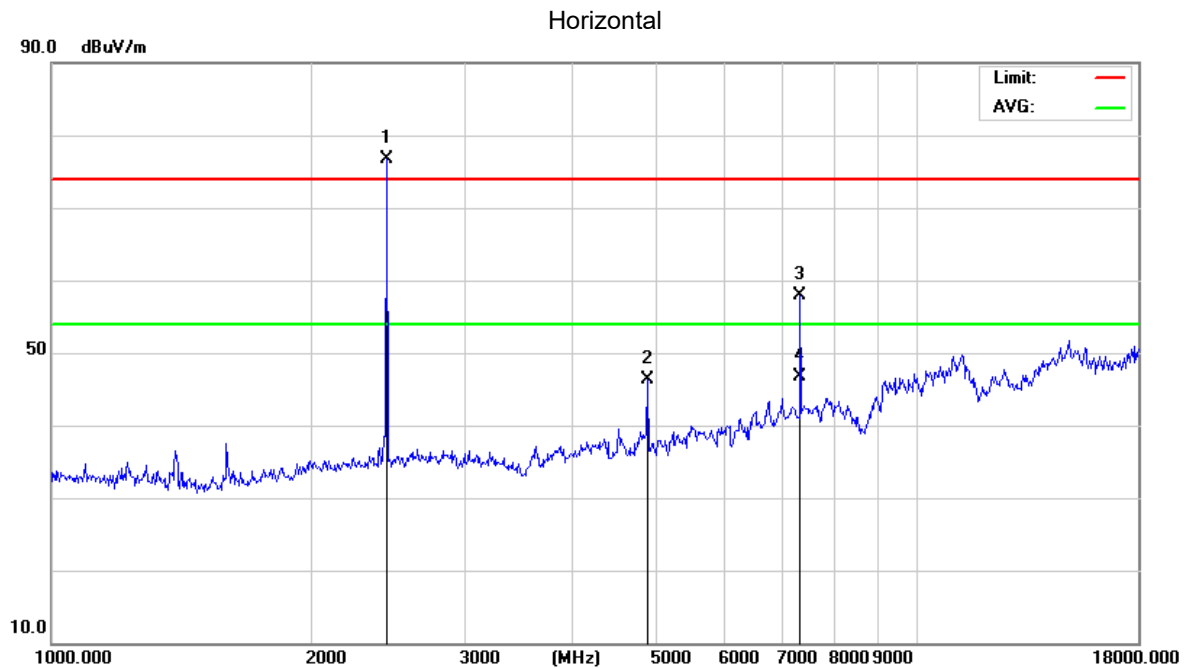
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_Low channel
Order No/Sample No: 170473286/AiT DG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2400.753	74.64	-4.09	70.55	74.00	-3.45	peak
2		4804.110	49.58	-1.99	47.59	74.00	-26.41	peak
3		7200.309	51.62	3.53	55.15	74.00	-18.85	peak
4		7200.309	40.44	3.53	43.97	54.00	-10.03	AVG

EUT Information

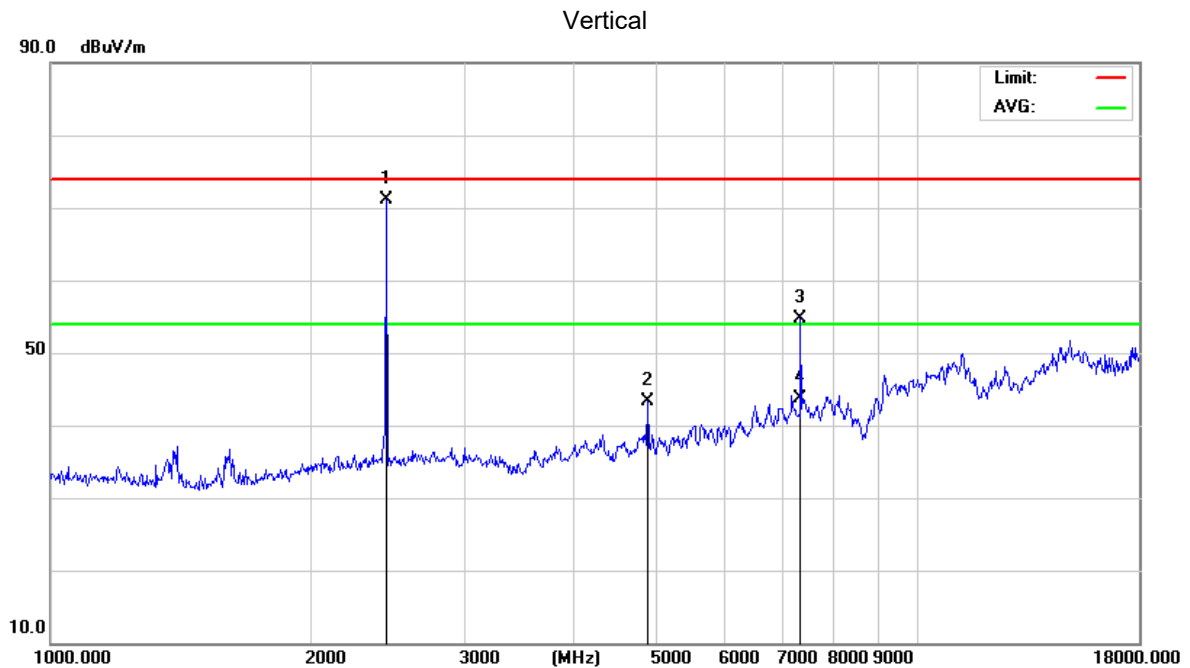
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_Mid channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2435.701	80.84	-4.08	76.76	74.00	2.76	peak
2		4874.042	48.10	-1.80	46.30	74.00	-27.70	peak
3		7326.267	53.99	3.83	57.82	74.00	-16.18	peak
4		7326.267	42.81	3.83	46.64	54.00	-7.36	AVG

EUT Information

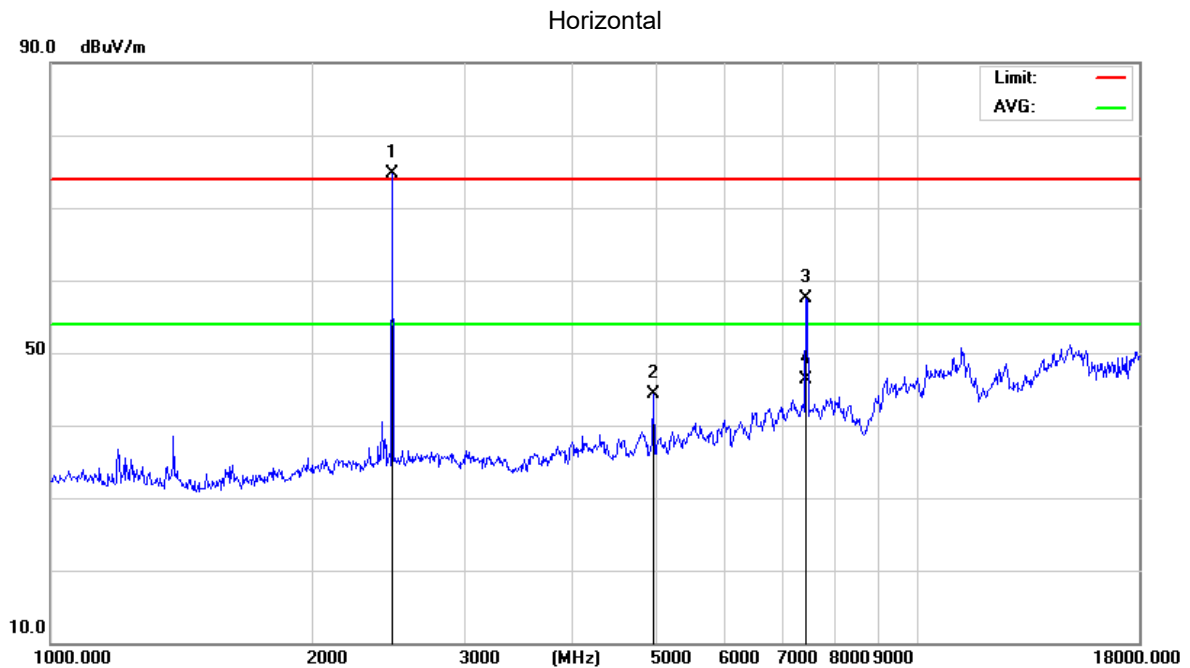
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_Mid channel
Order No./Sample No: 170473286/AiT DG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2435.701	75.19	-4.08	71.11	74.00	-2.89	peak
2		4888.151	45.16	-1.77	43.39	74.00	-30.61	peak
3		7326.267	50.87	3.83	54.70	74.00	-19.30	peak
4		7326.267	39.93	3.83	43.76	54.00	-10.24	AVG

EUT Information

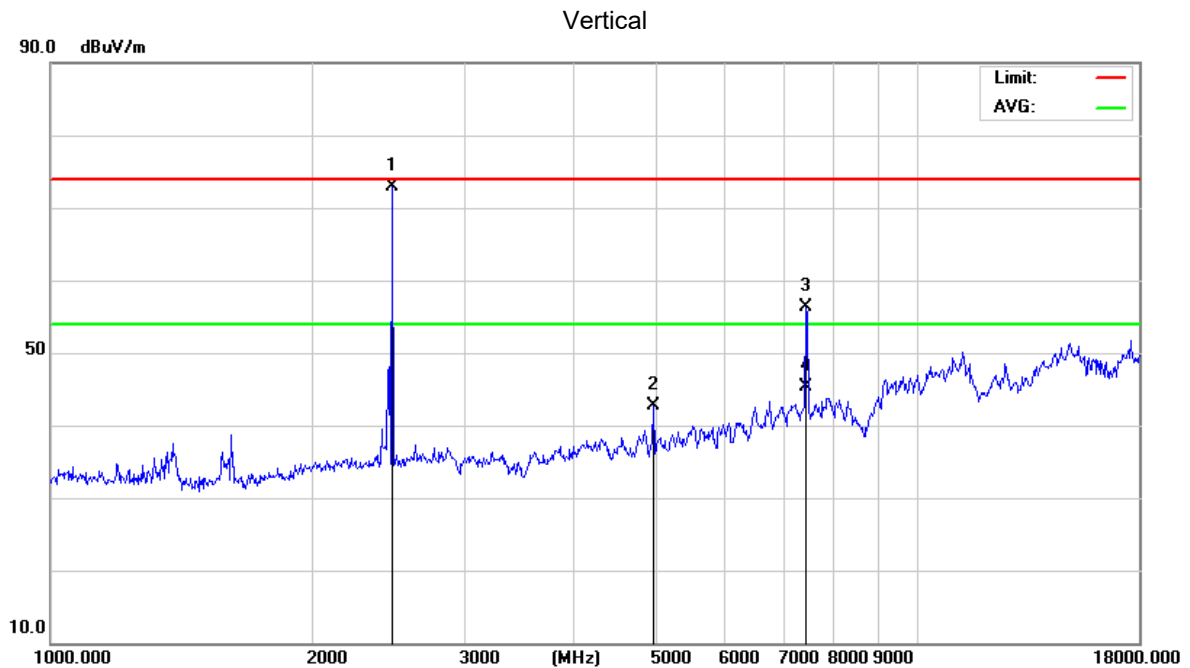
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_High channel
Order No/Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	*	2478.310	78.76	-4.07	74.69	74.00	0.69	peak
2		4959.307	45.87	-1.57	44.30	74.00	-29.70	peak
3		7432.914	53.36	4.10	57.46	74.00	-16.54	peak
4		7432.914	42.22	4.10	46.32	54.00	-7.68	AVG

EUT Information

EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_High channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang

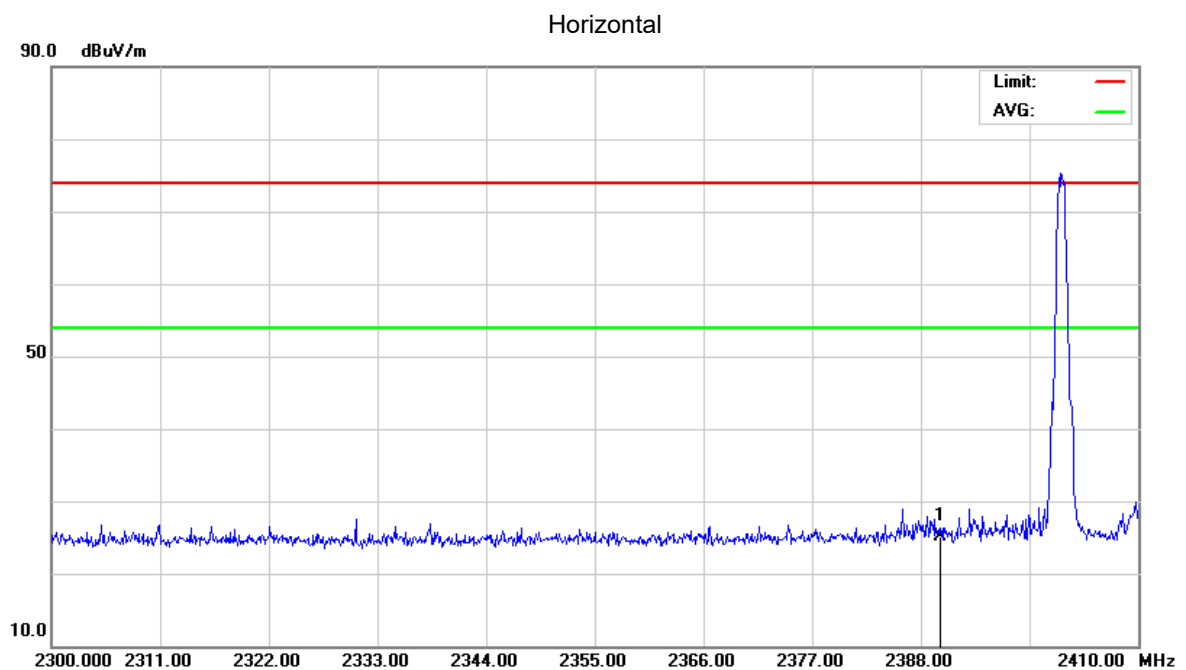


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	
		MHz	Level	Factor	ment			Detector
			dBuV	dB	dBuV/m	dBuV/m	dB	
1	*	2478.310	77.06	-4.07	72.99	74.00	-1.01	peak
2		4959.307	44.26	-1.57	42.69	74.00	-31.31	peak
3		7432.914	52.27	4.10	56.37	74.00	-17.63	peak
4		7432.914	41.15	4.10	45.25	54.00	-8.75	AVG

Appendix C.5: Test Results of Radiated Emissions in Restricted Bands

EUT Information

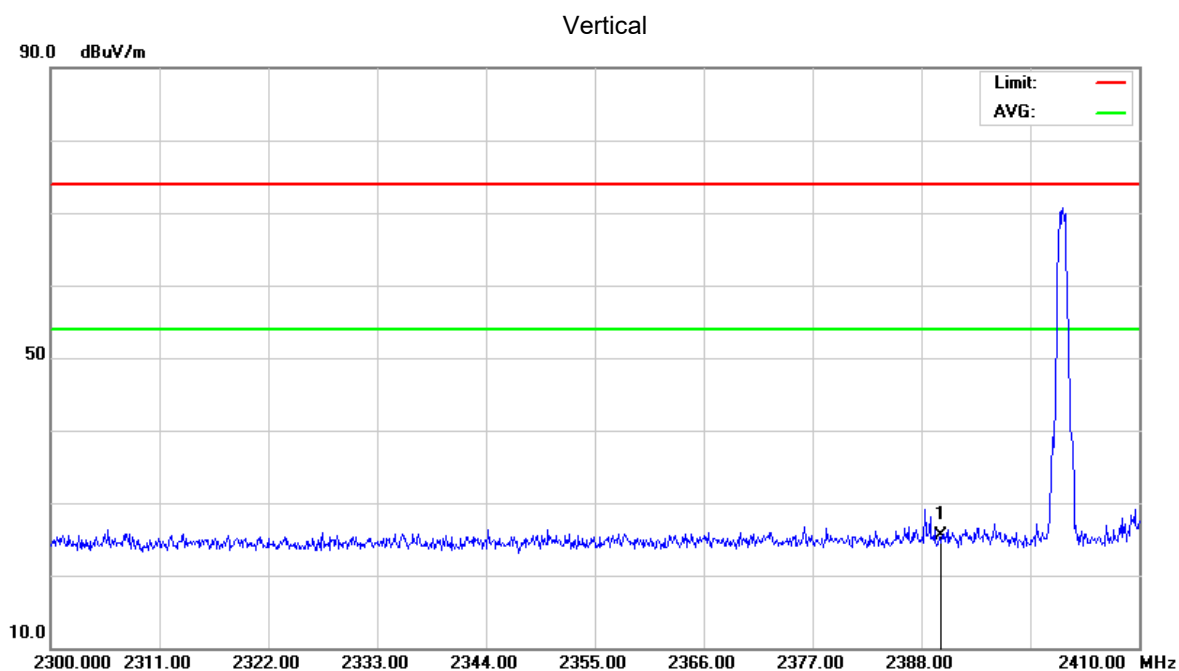
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_Low channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2390.000	29.24	-4.09	25.15	74.00	-48.85	peak

EUT Information

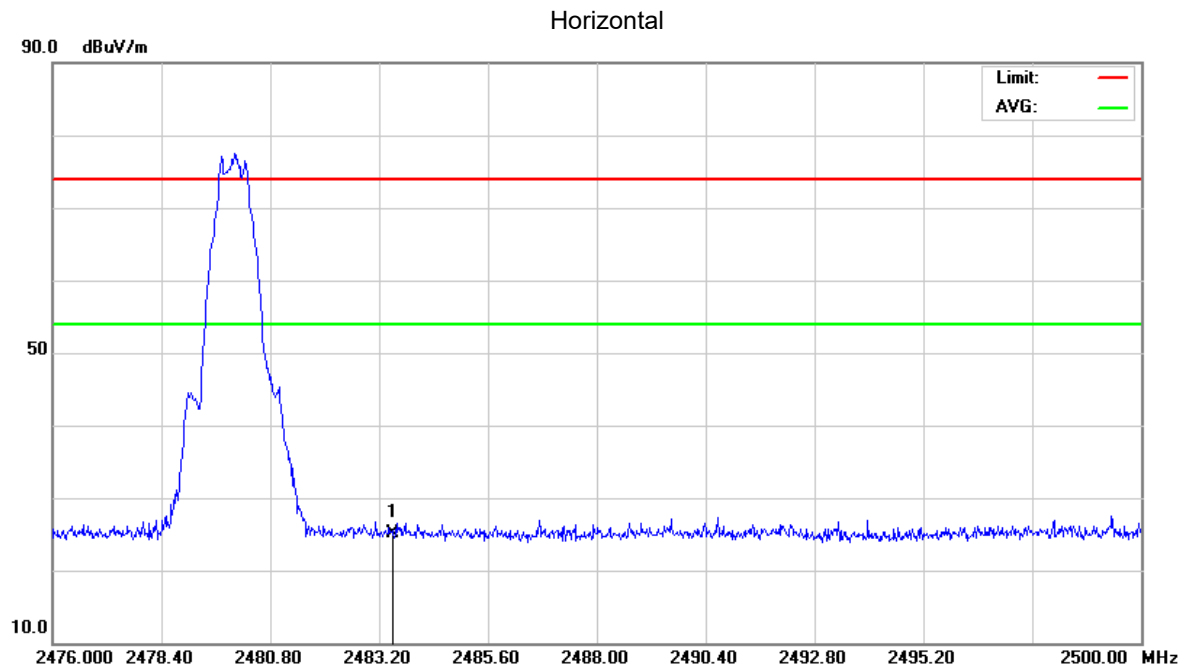
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_Low channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2390.000	29.54	-4.09	25.45	74.00	-48.55	peak

EUT Information

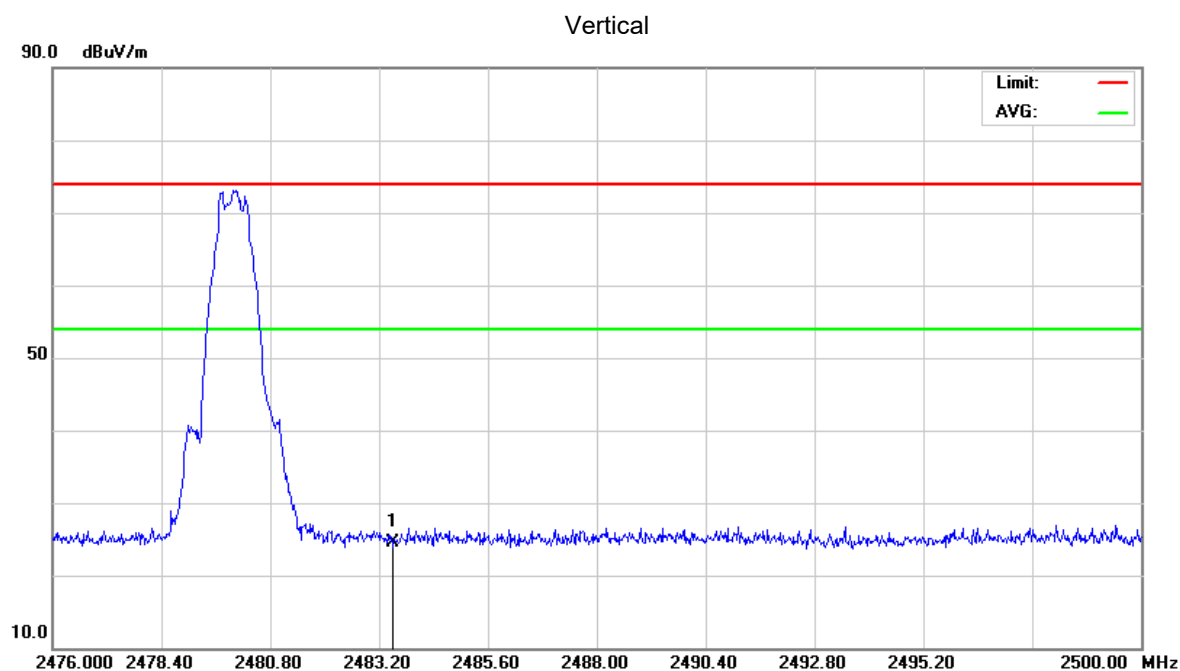
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_High channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2483.500	29.26	-4.06	25.20	74.00	-48.80	peak

EUT Information

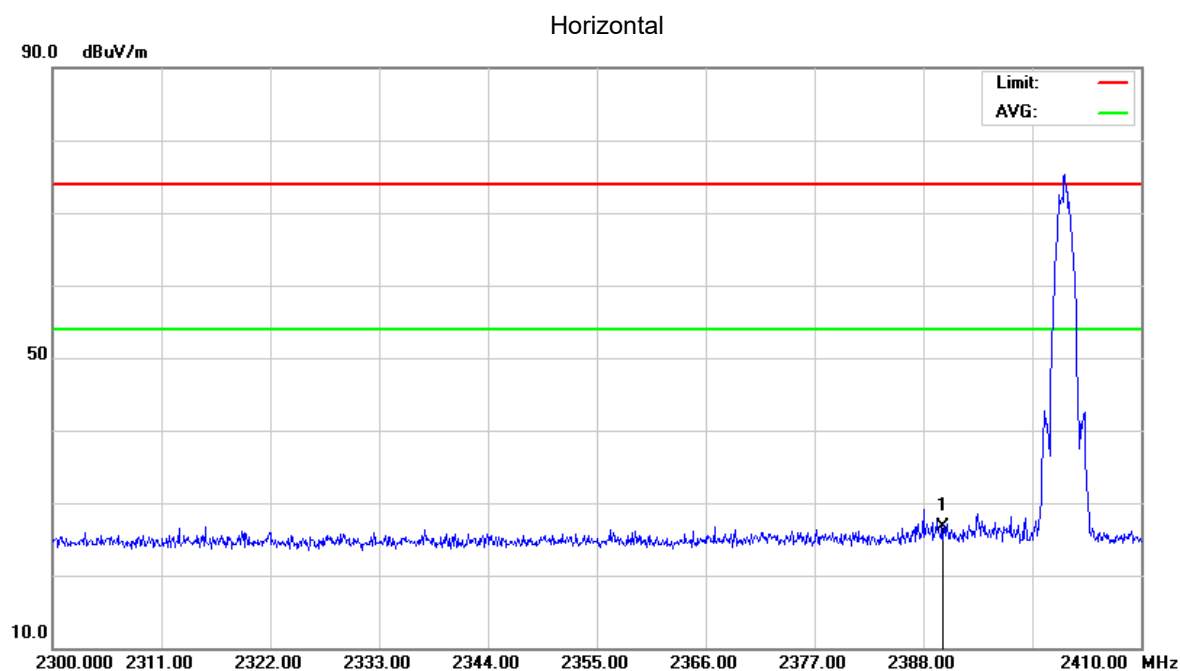
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 1M_High channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB Detector
1	*	2483.500	28.65	-4.06	24.59	74.00	-49.41 peak

EUT Information

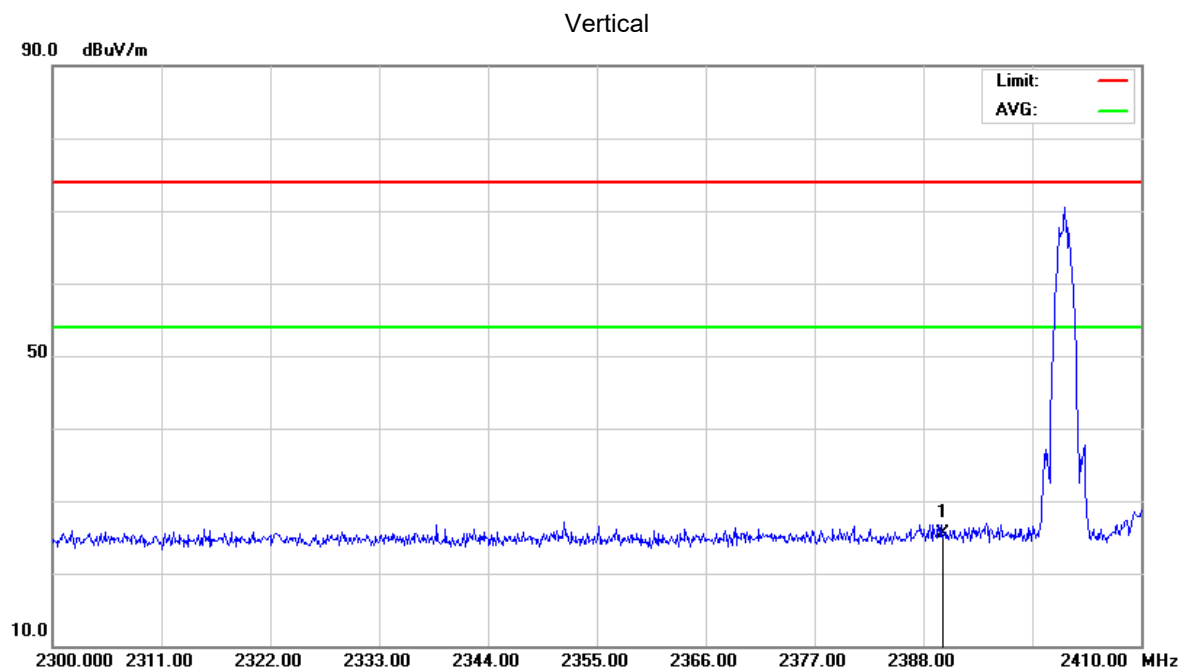
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_Low channel
Order No/Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB Detector
1	*	2390.000	30.73	-4.09	26.64	74.00	-47.36 peak

EUT Information

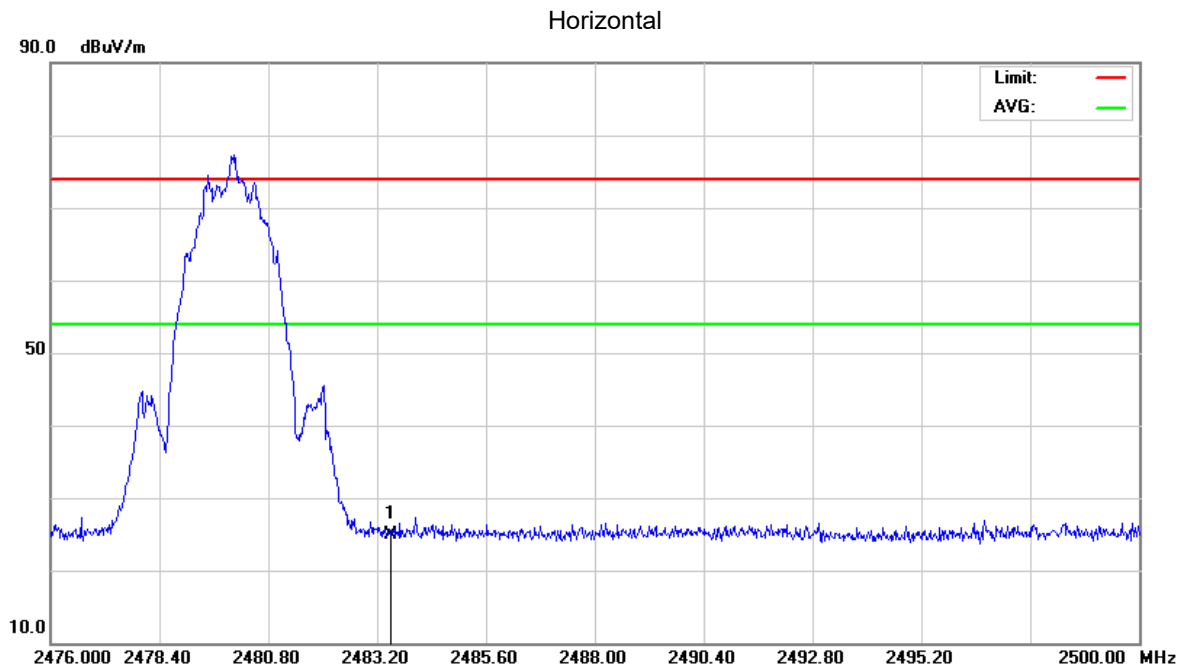
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_Low channel
Order No/Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB Detector
1	*	2390.000	29.59	-4.09	25.50	74.00	-48.50 peak

EUT Information

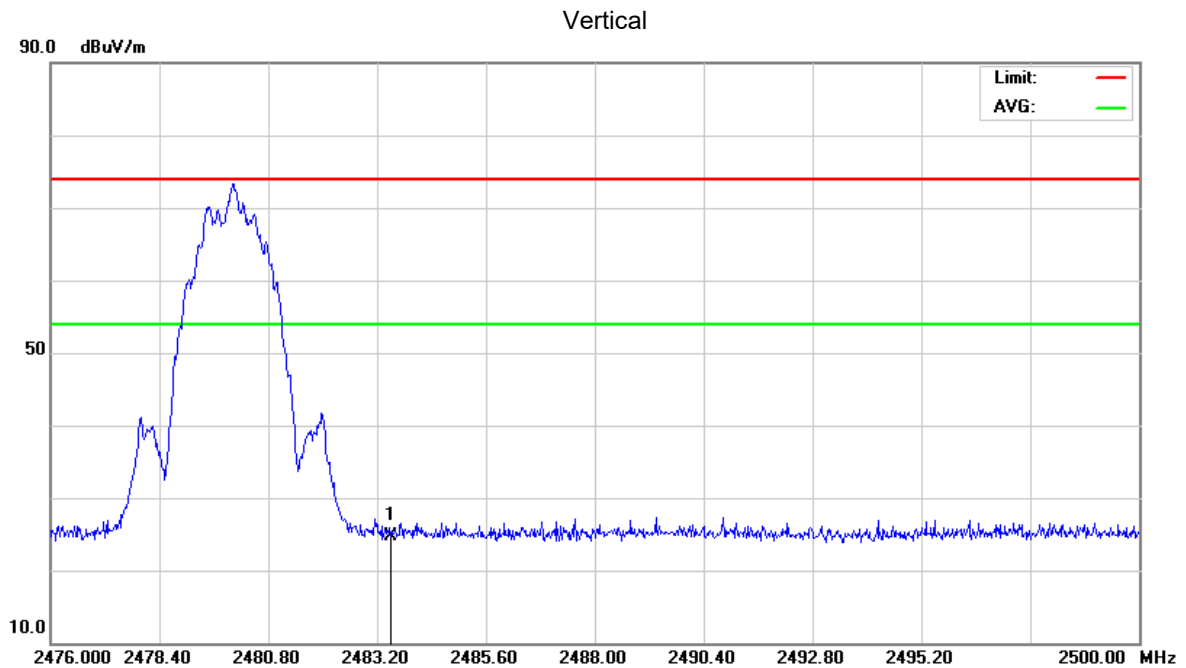
EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_High channel
Order No./Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2483.500	29.03	-4.06	24.97	74.00	-49.03	peak

EUT Information

EUT Name: Bluetooth Speaker
Model: V3 PRO
Test Mode: BLE 2M_High channel
Order No/Sample No: 170473286/AiTDG-260605003-1
Test Voltage:: Battery
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.247
Tested By: Emiya Lin
Reviewed By: Simba Huang



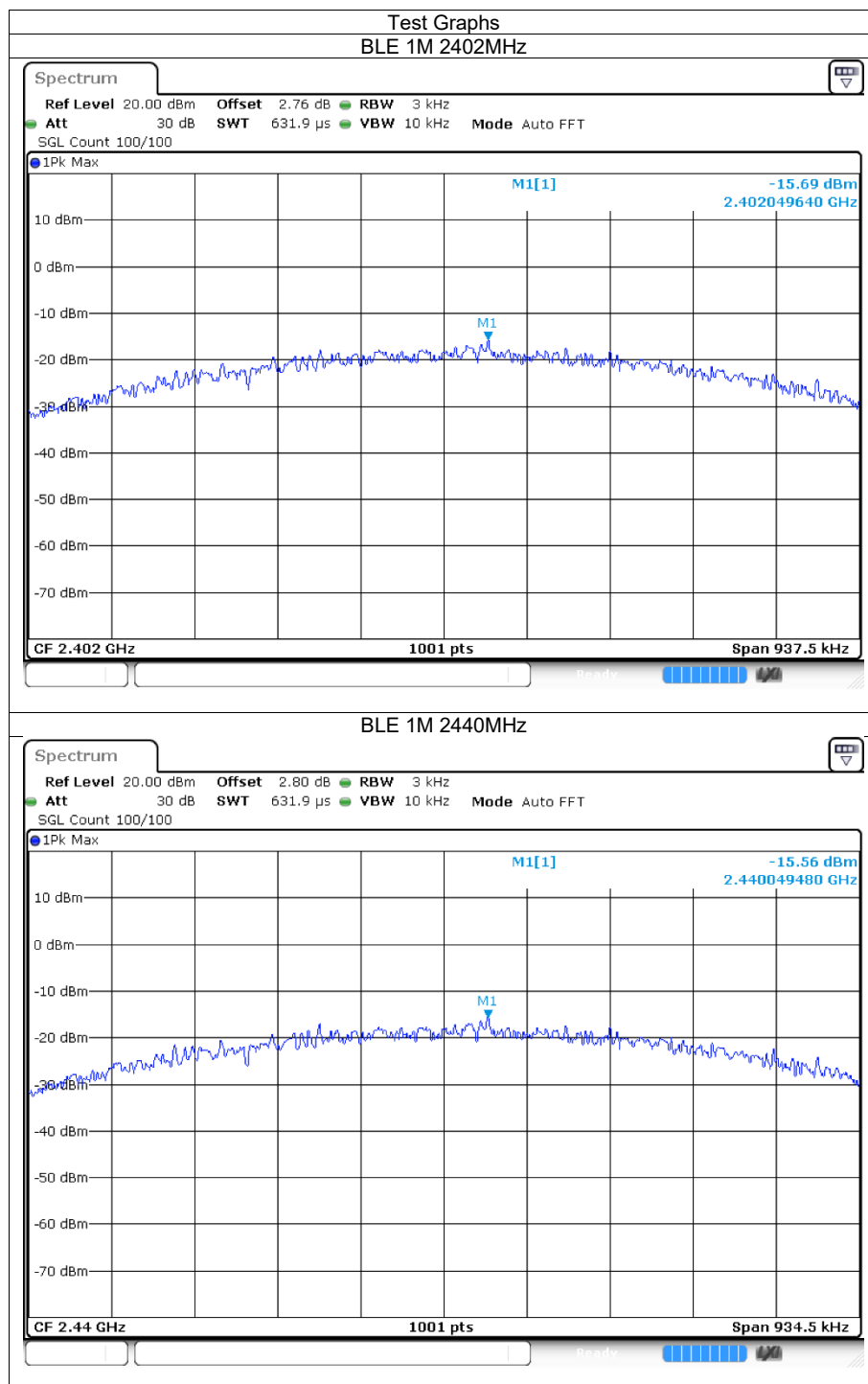
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	2483.500	28.82	-4.06	24.76	74.00	-49.24	peak

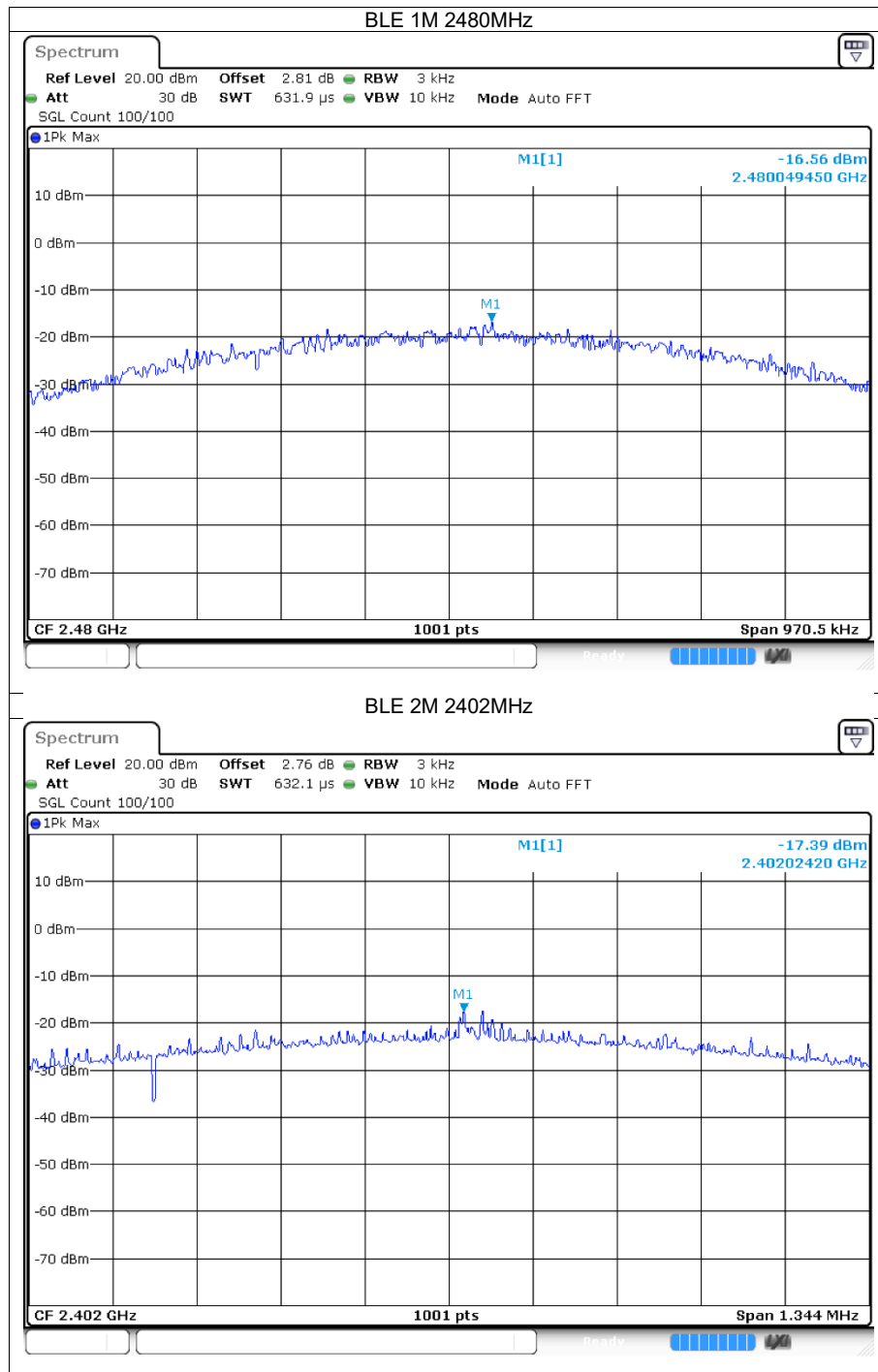
Appendix D: Test Results of Bluetooth Low Energy

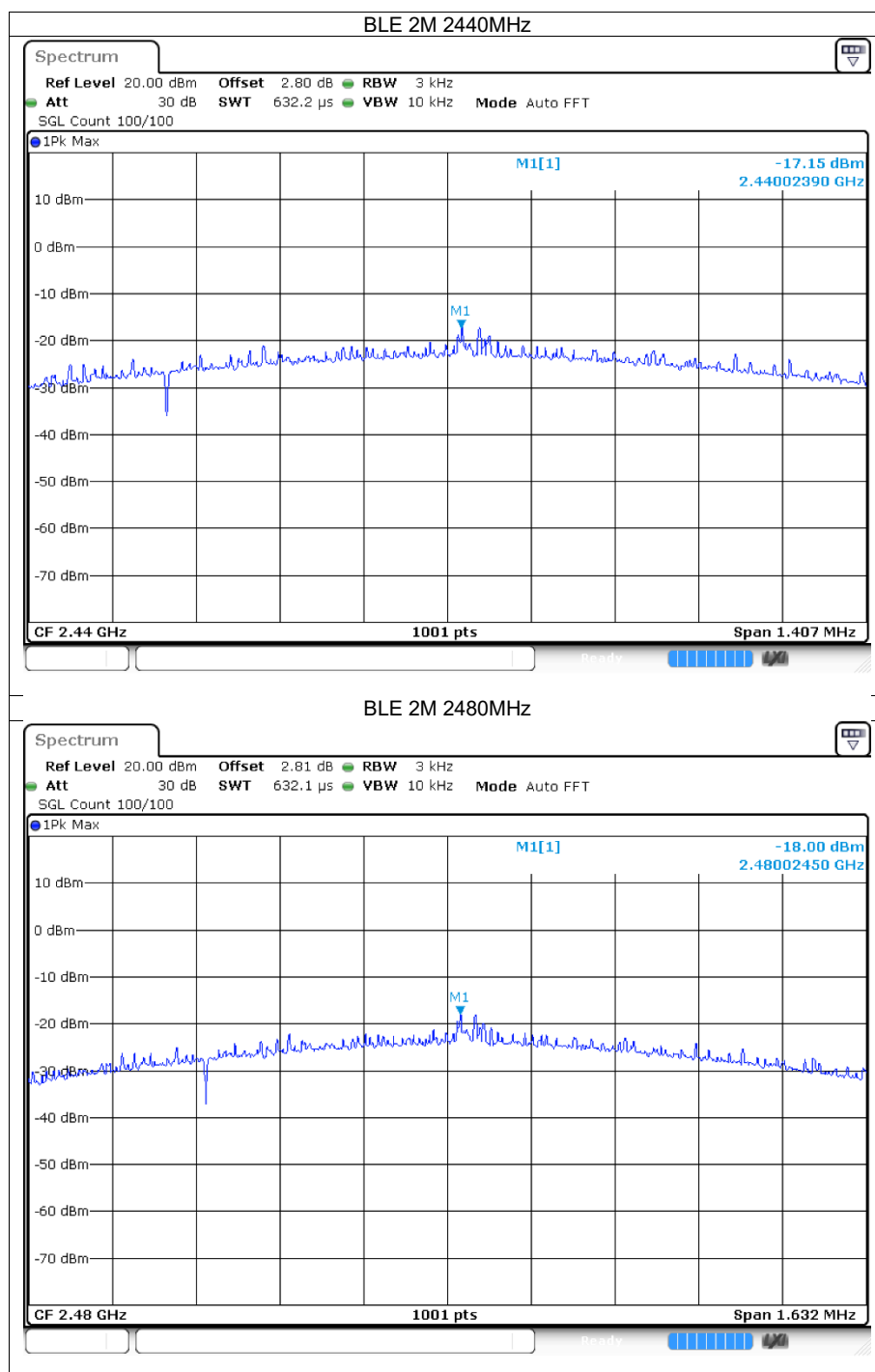
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APPENDIX D.2: TEST RESULTS OF 6dB BANDWIDTH	6
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Appendix D.1: Test Results of Conducted Power Spectral Density

Mode	Frequency (MHz)	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
BLE 1M	2402	-15.69	≤8	Pass
BLE 1M	2440	-15.56	≤8	Pass
BLE 1M	2480	-16.56	≤8	Pass
BLE 2M	2402	-17.39	≤8	Pass
BLE 2M	2440	-17.15	≤8	Pass
BLE 2M	2480	-18	≤8	Pass

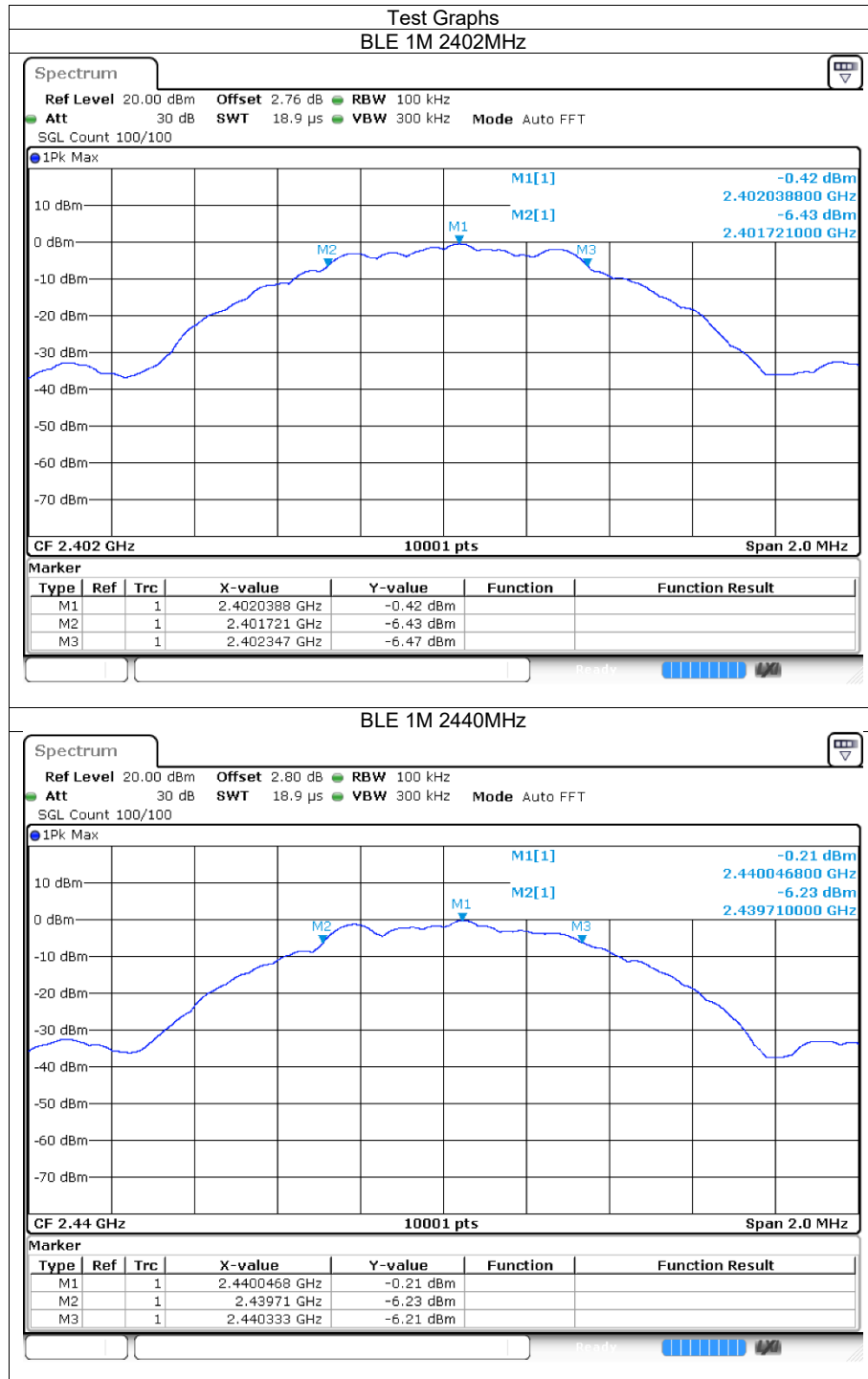


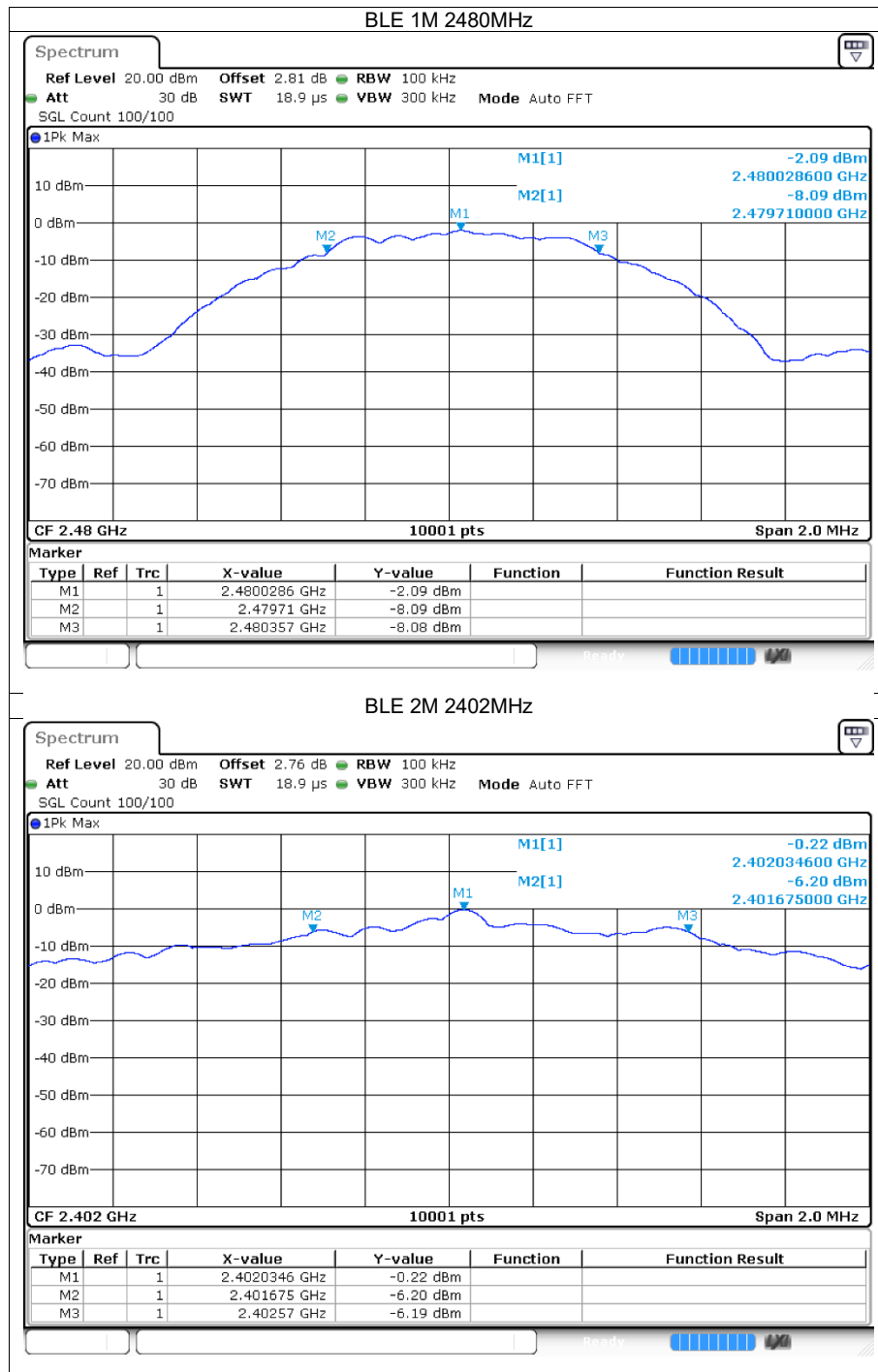


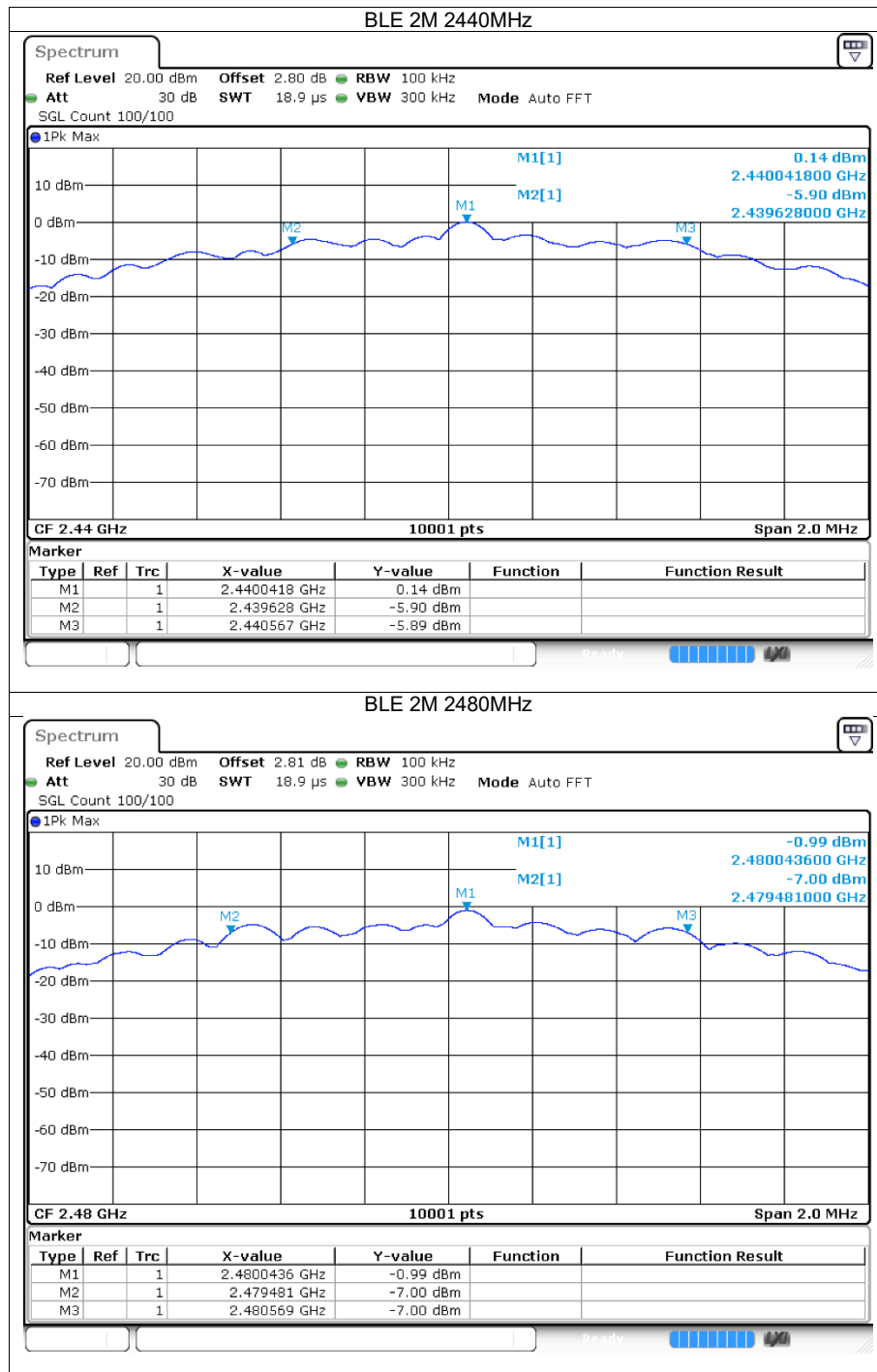


Appendix D.2: Test Results of 6dB Bandwidth

Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
BLE 1M	2402	0.625	0.5	Pass
BLE 1M	2440	0.623	0.5	Pass
BLE 1M	2480	0.647	0.5	Pass
BLE 2M	2402	0.896	0.5	Pass
BLE 2M	2440	0.938	0.5	Pass
BLE 2M	2480	1.088	0.5	Pass



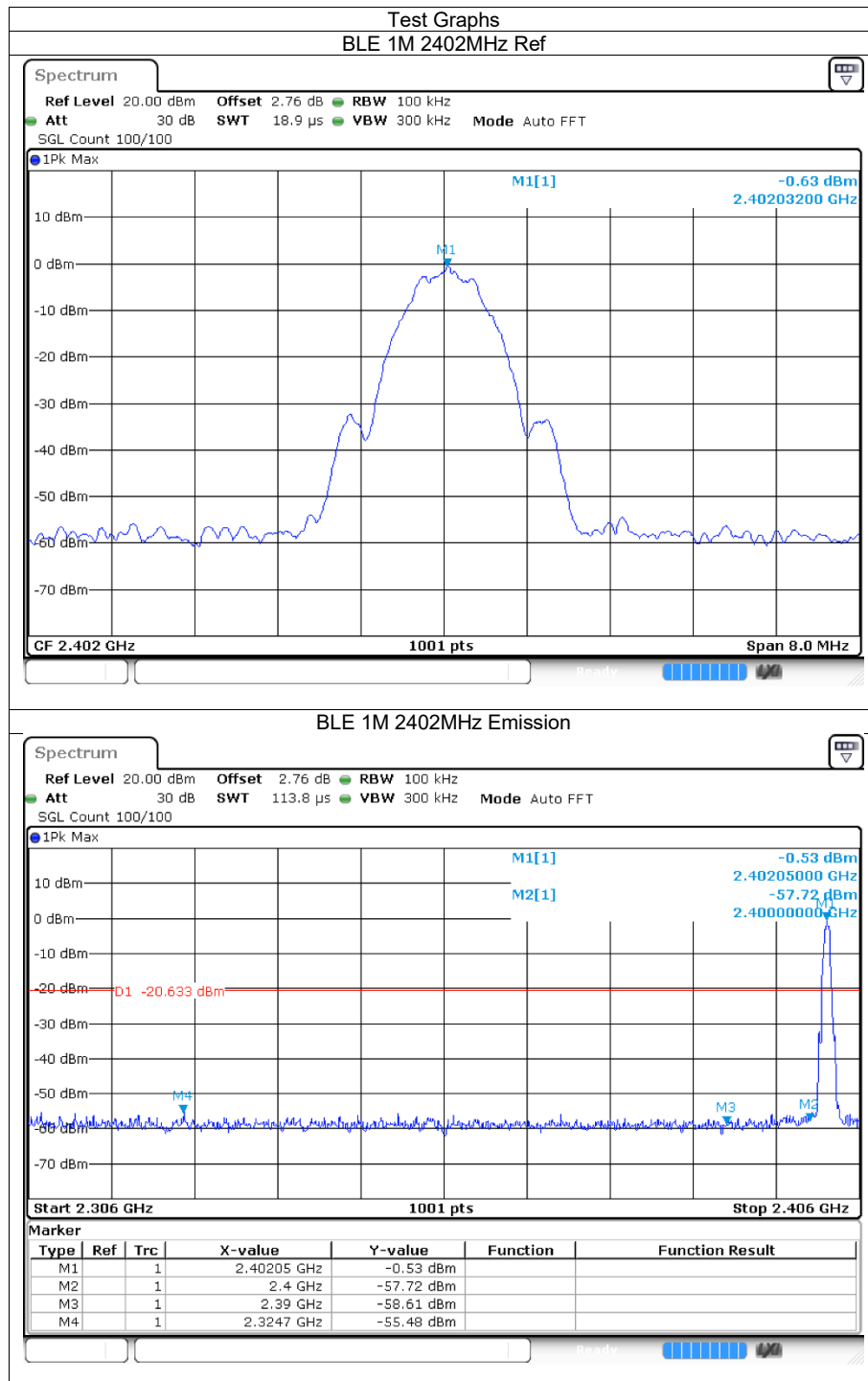


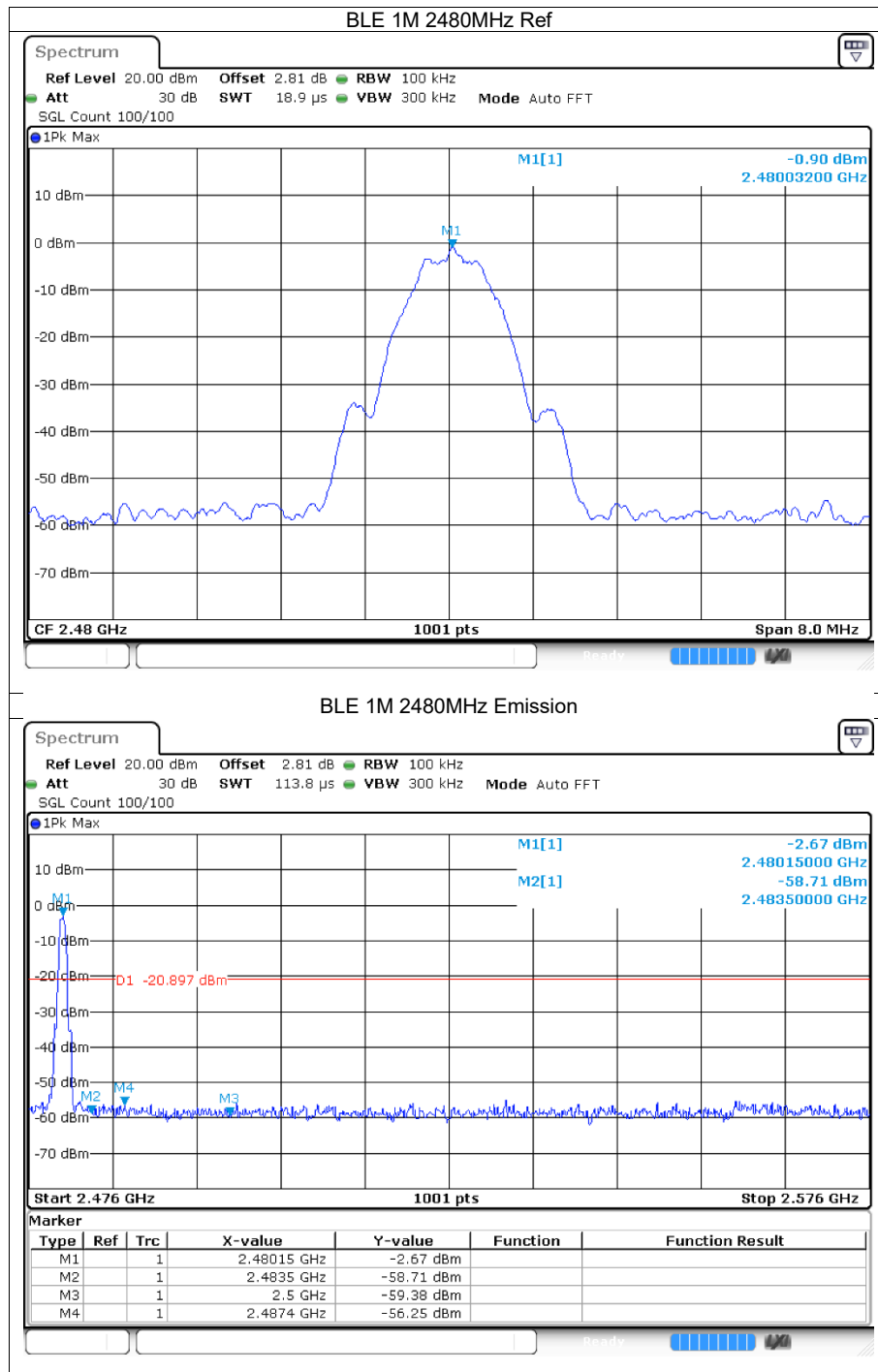


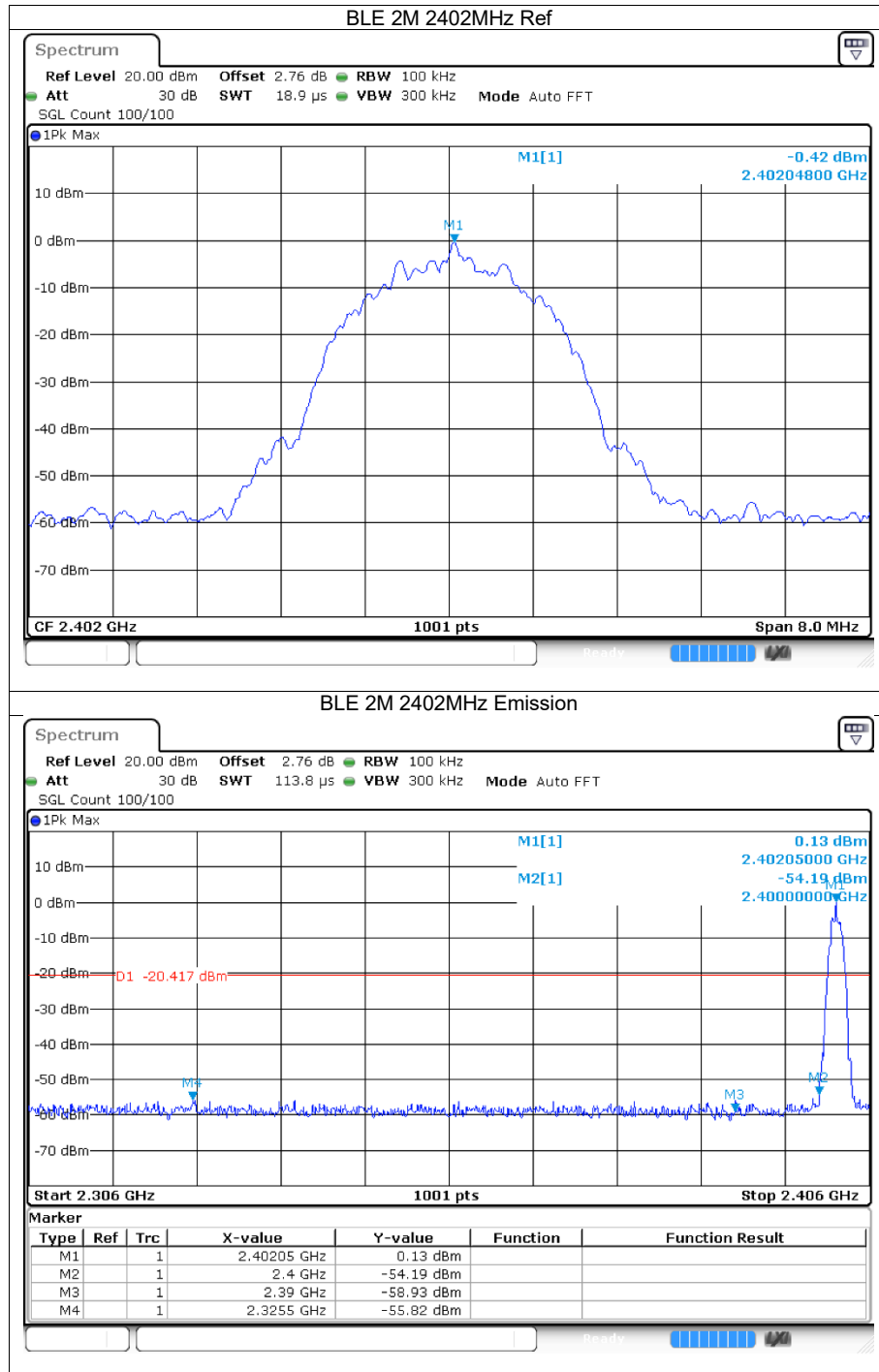
Appendix D.3: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

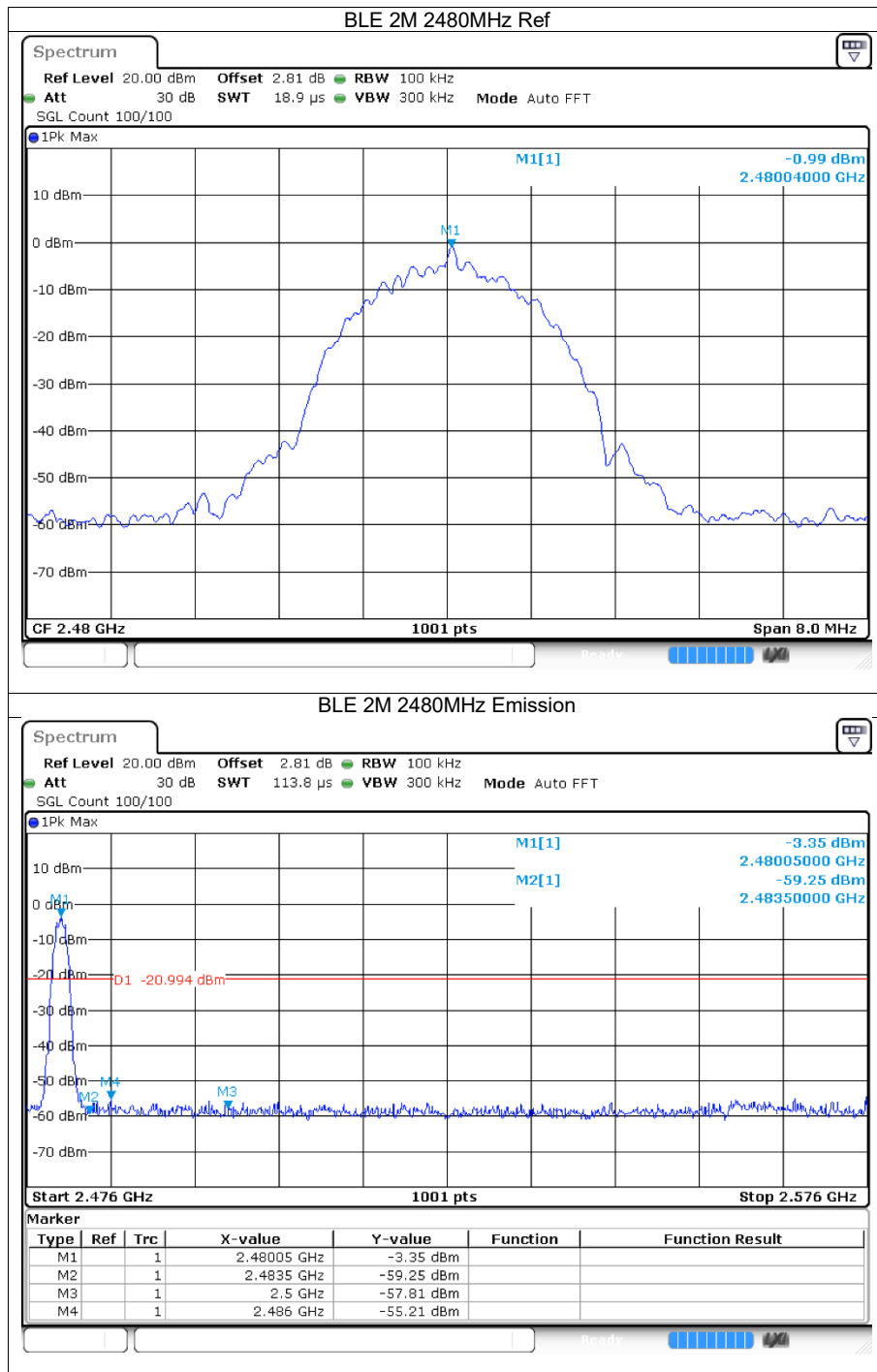
Band Edge

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-54.84	-20	Pass
BLE 1M	2480	-55.35	-20	Pass
BLE 2M	2402	-55.4	-20	Pass
BLE 2M	2480	-54.22	-20	Pass



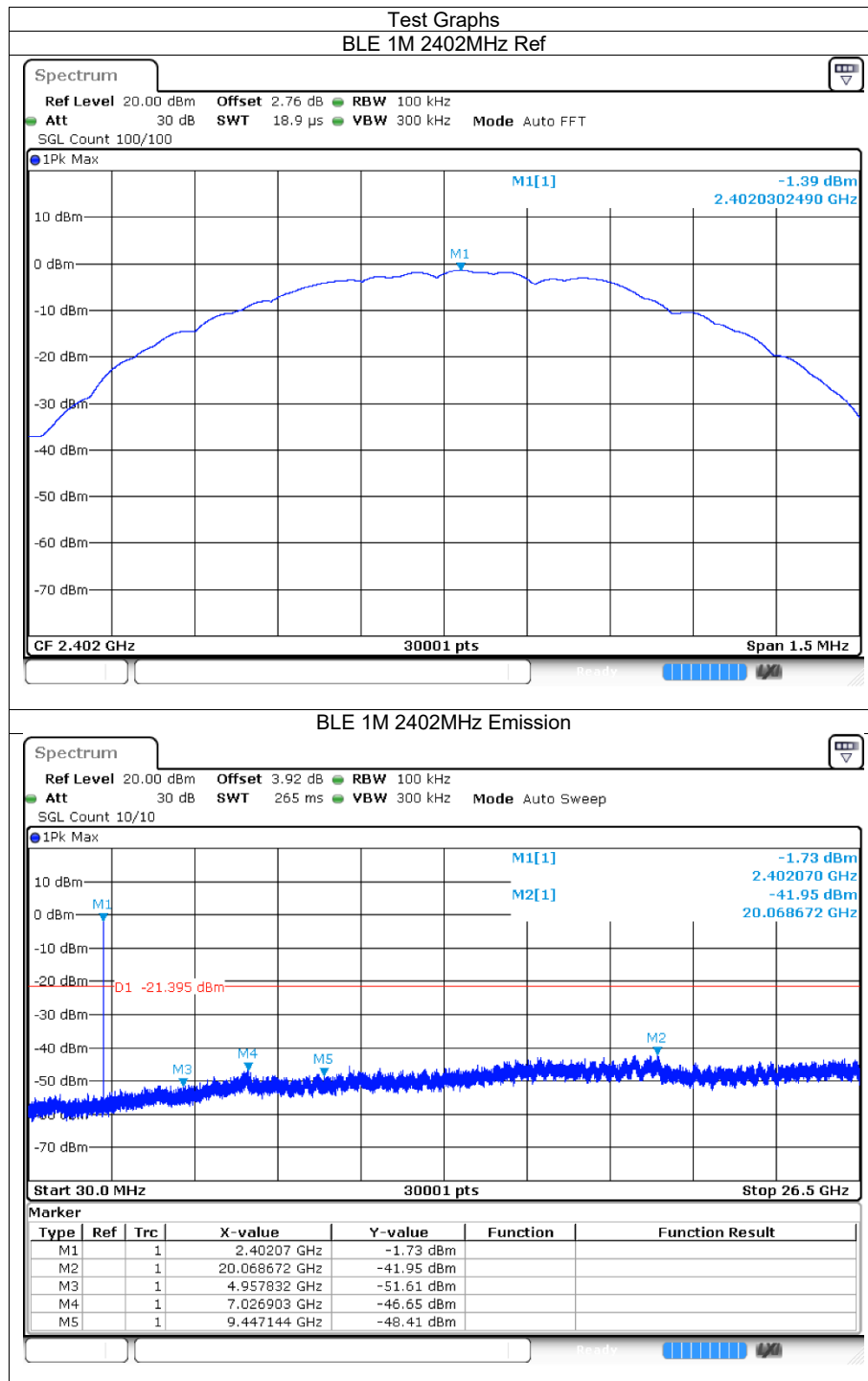


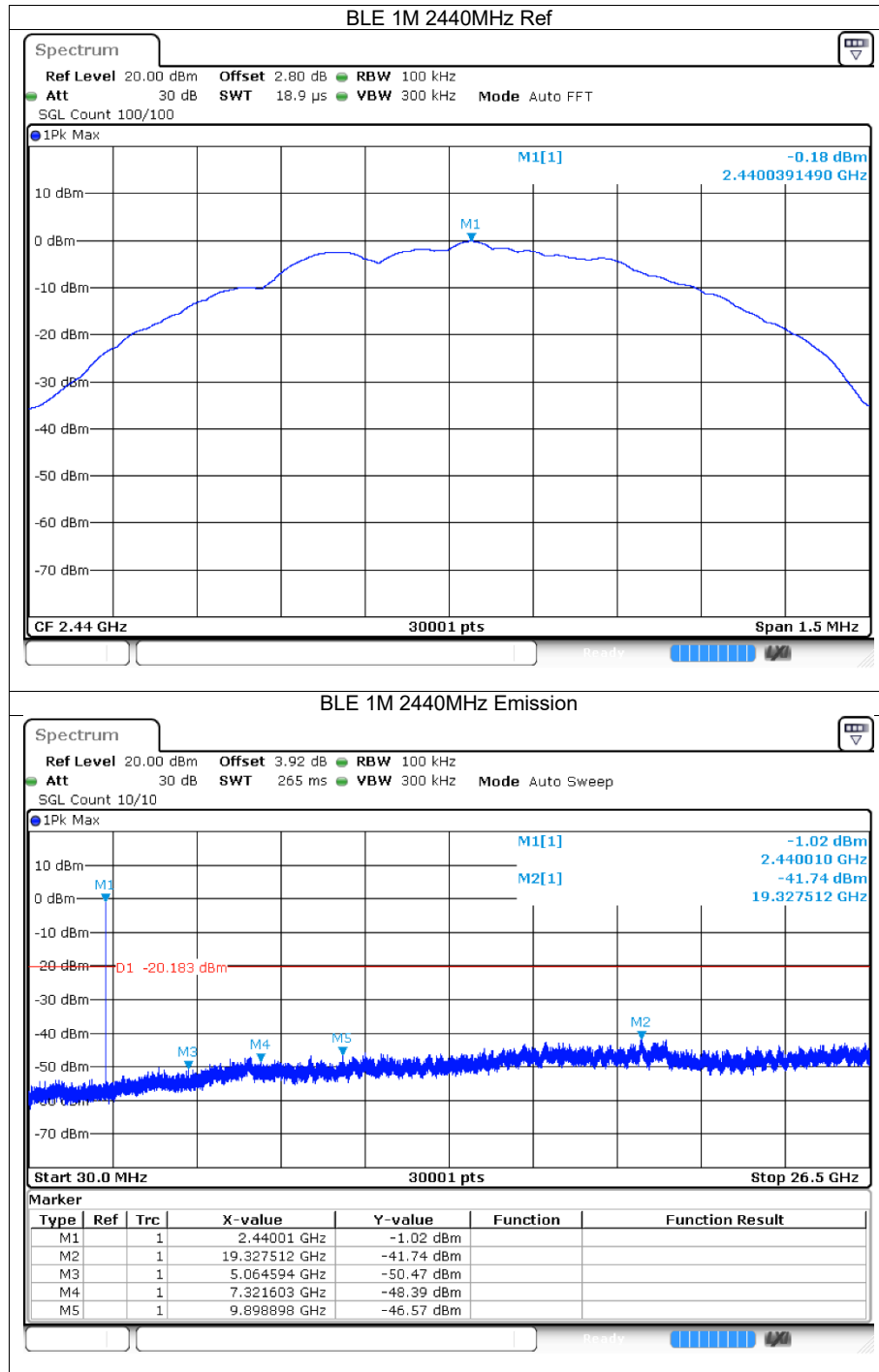


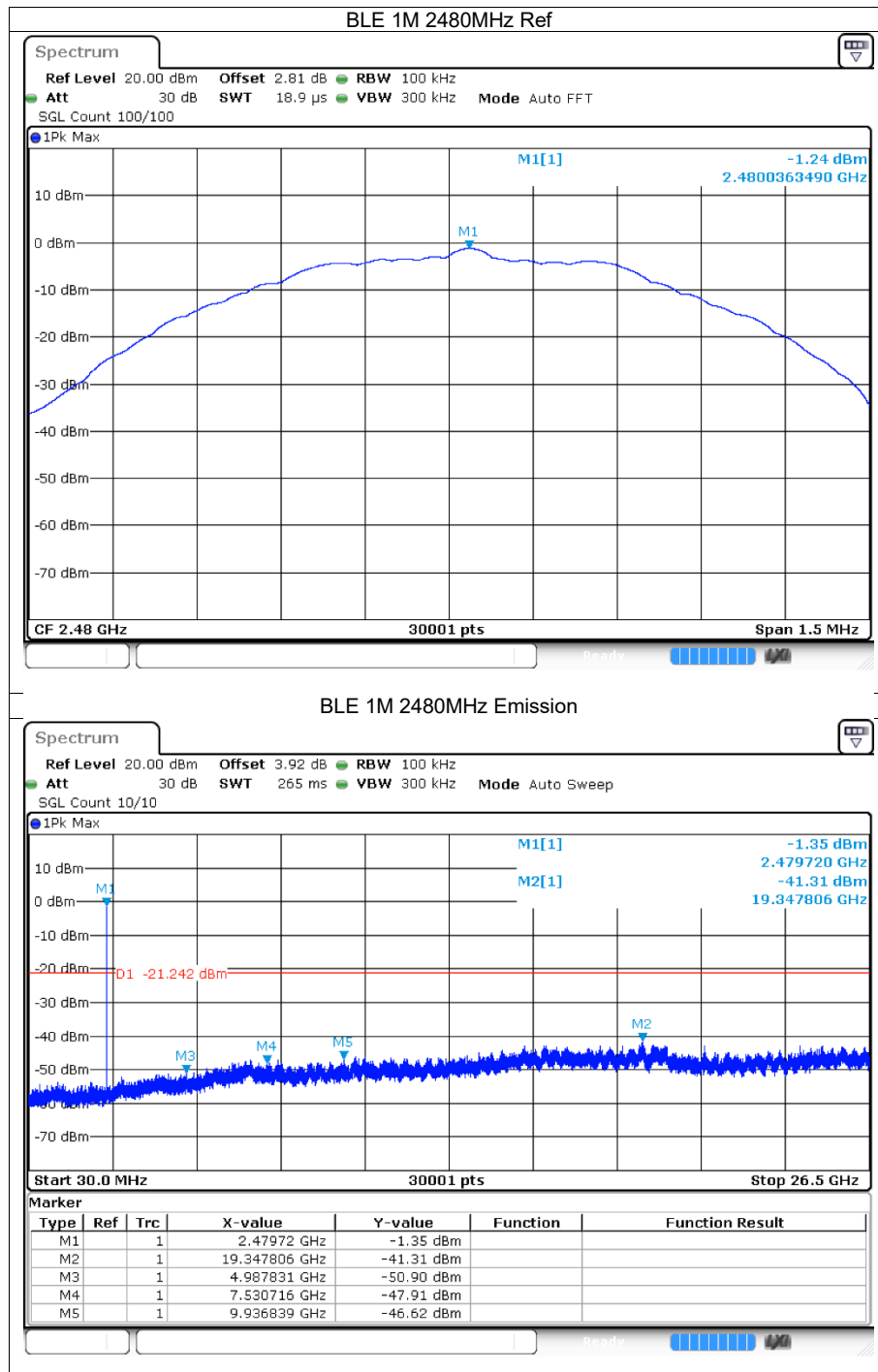


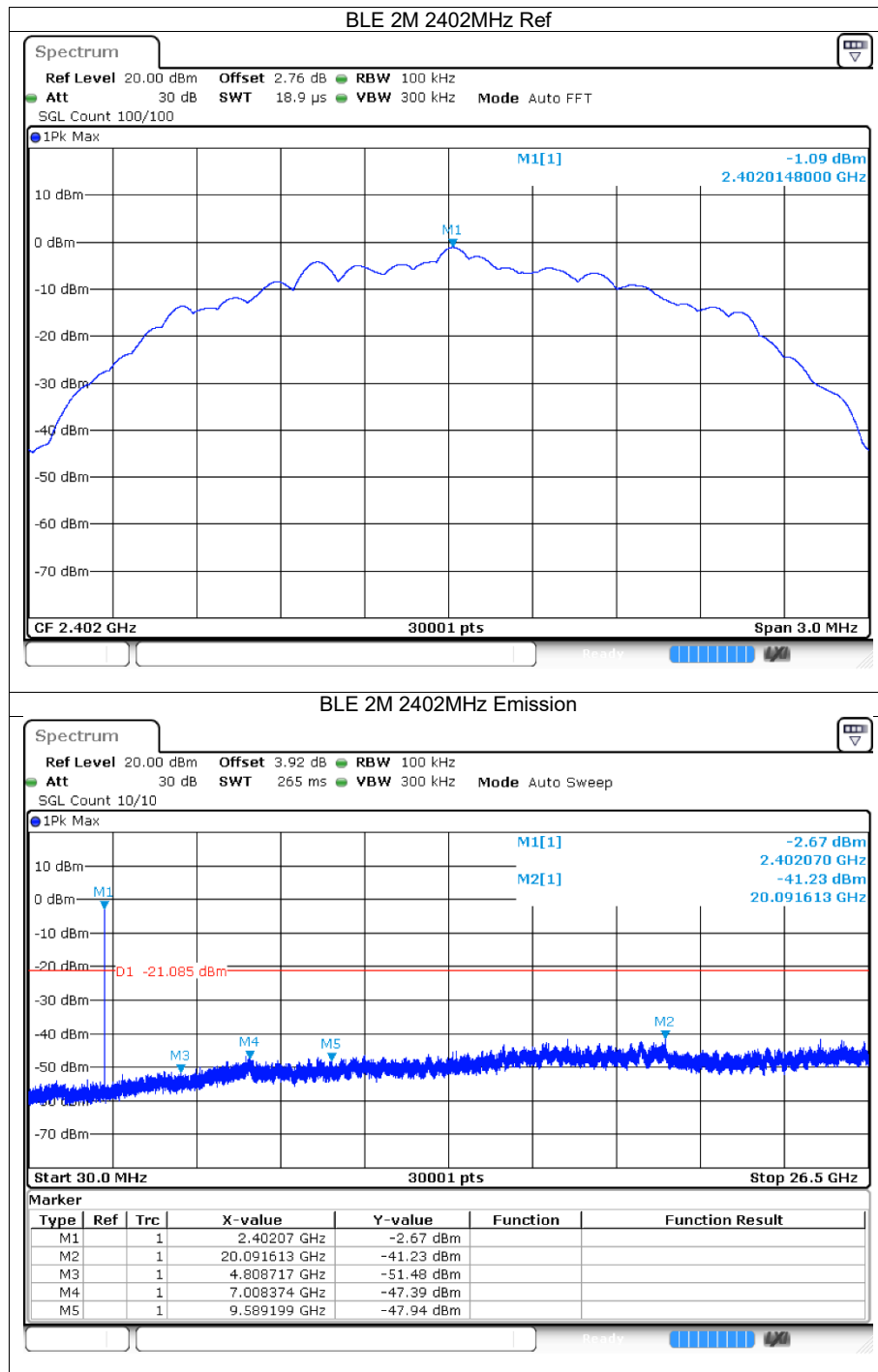
Conducted Spurious Emission

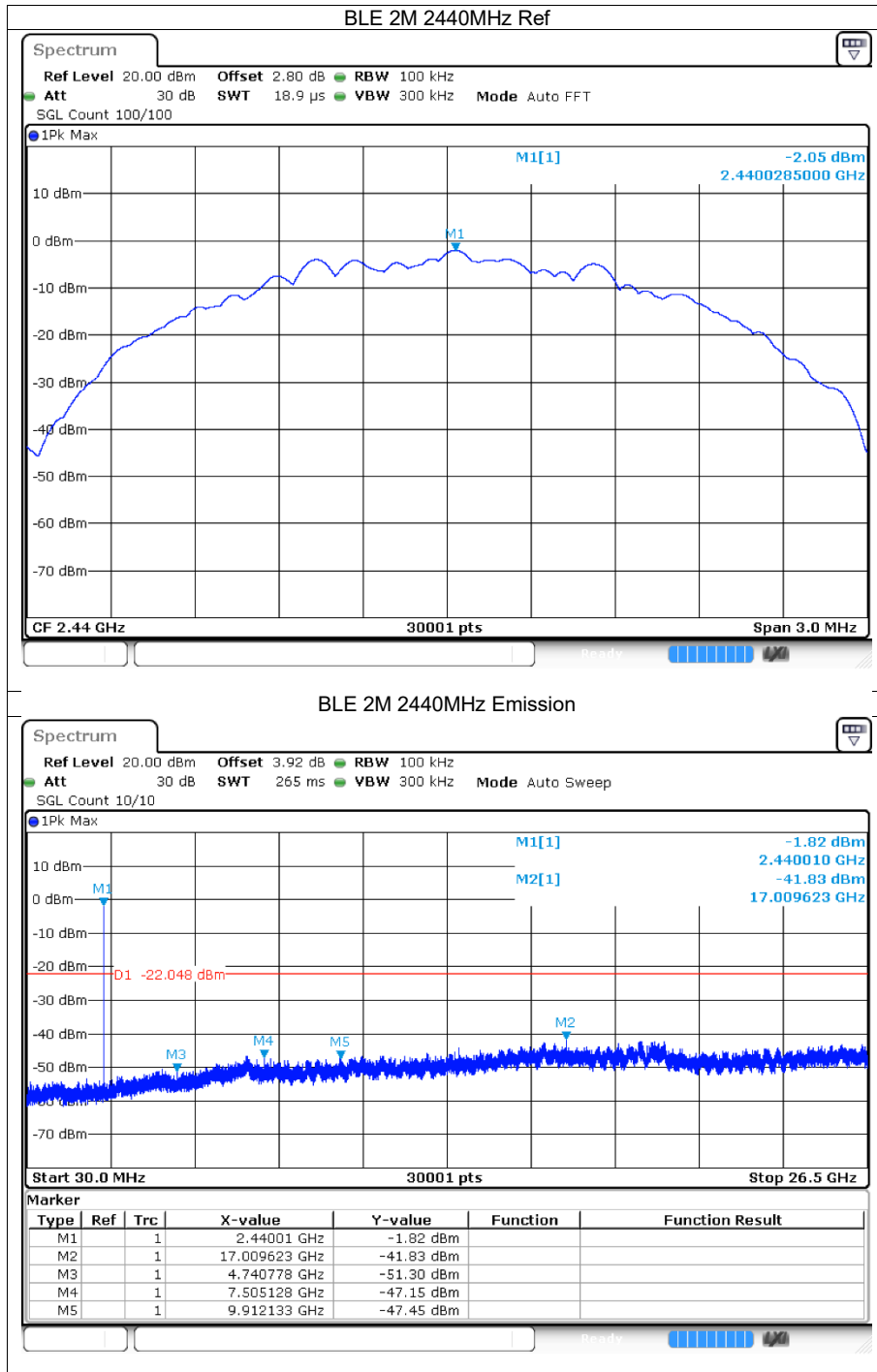
Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-40.56	-20	Pass
BLE 1M	2440	-41.55	-20	Pass
BLE 1M	2480	-40.06	-20	Pass
BLE 2M	2402	-40.14	-20	Pass
BLE 2M	2440	-39.78	-20	Pass
BLE 2M	2480	-40.53	-20	Pass

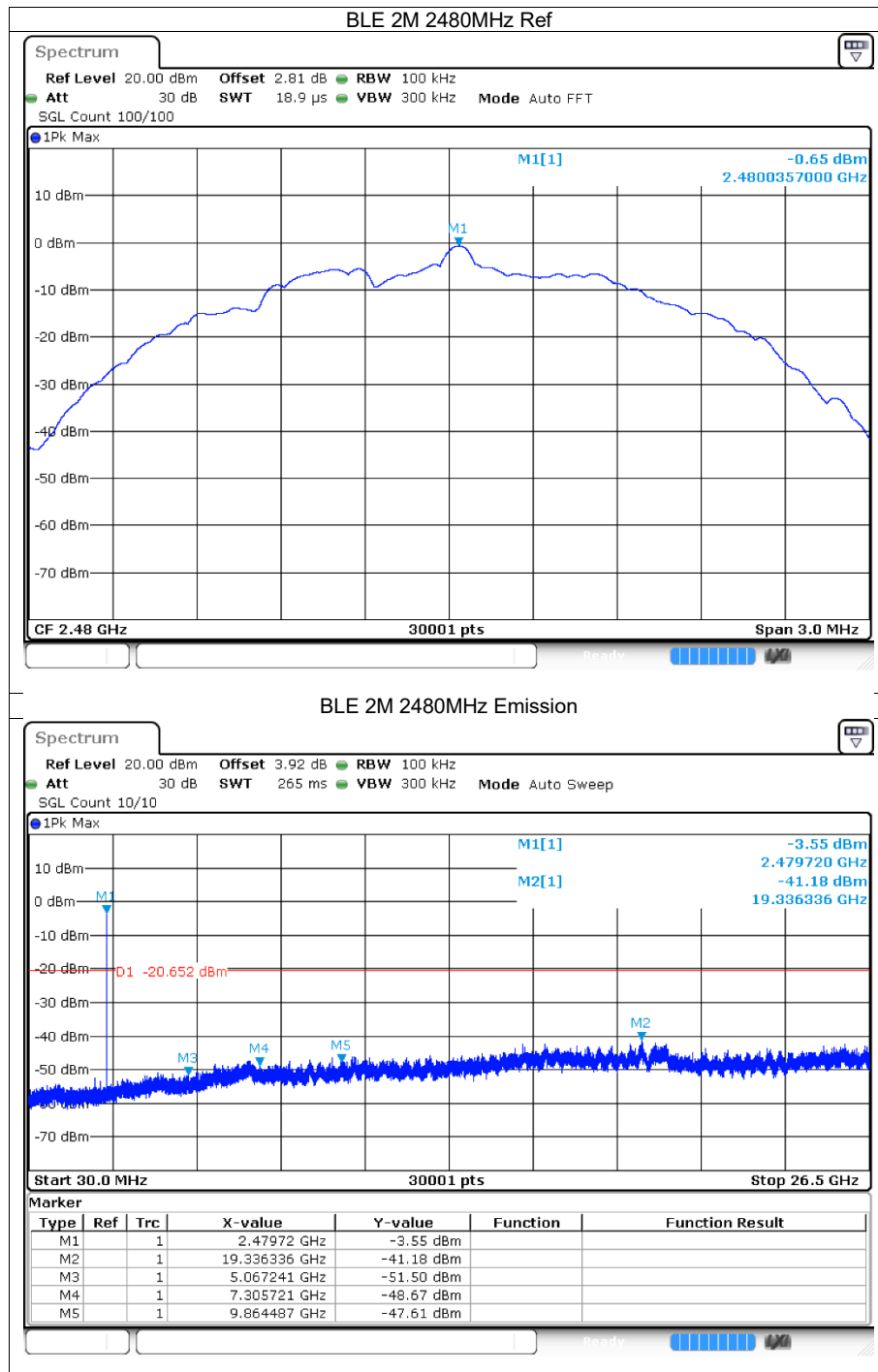












Appendix D.4: Test Results of Radiated Spurious Emissions

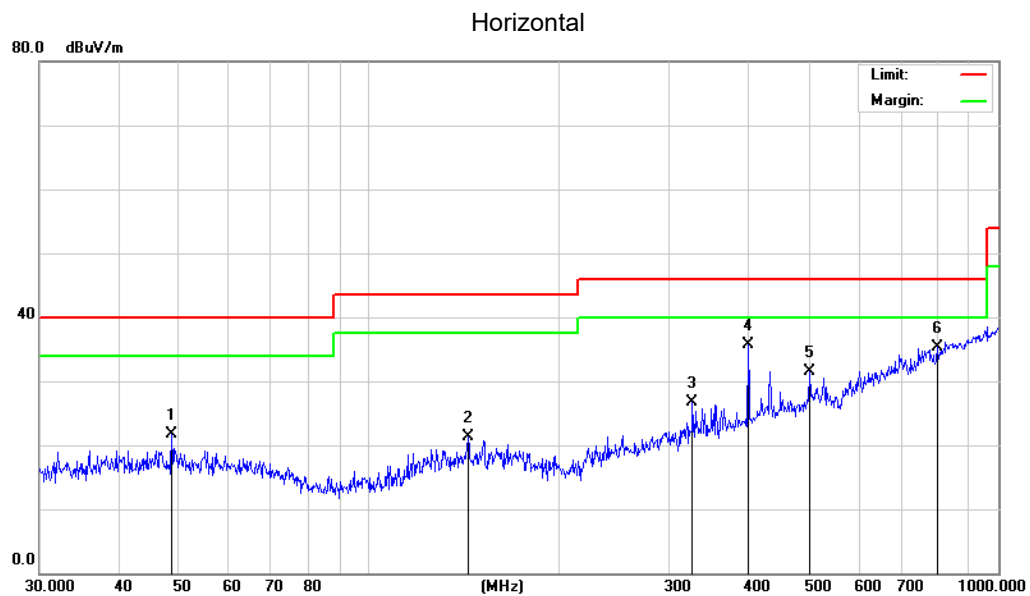
Note:

- 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.

30 MHz - 1GHz

EUT Information

EUT Name:	Bluetooth Speaker
Model:	V3 PRO
Test Mode:	BLE 2M_Mid channel
Order No/Sample No:	170473286/AiTDG-260605003-1
Test Voltage::	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Emiya Lin
Reviewed By:	Simba Huang



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		48.6719	22.88	-1.13	21.75	40.00	-18.25	QP
2		143.8295	21.21	0.02	21.23	43.50	-22.27	QP
3		326.7395	24.17	2.45	26.62	46.00	-19.38	QP
4	*	400.4319	31.22	4.58	35.80	46.00	-10.20	QP
5		501.1790	24.19	7.35	31.54	46.00	-14.46	QP
6		798.9797	21.37	13.96	35.33	46.00	-10.67	QP