

Mode1 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		4960.000	51.26	-7.20	44.06	74.00	-29.94	peak
2		4960.000	45.32	-7.20	38.12	54.00	-15.88	AVG
3		7440.000	47.21	0.98	48.19	74.00	-25.81	peak
4		7440.000	41.25	0.98	42.23	54.00	-11.77	AVG
5		9920.000	47.48	3.02	50.50	74.00	-23.50	peak
6	*	9920.000	41.34	3.02	44.36	54.00	-9.64	AVG

Mode1 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		4960.000	49.94	-7.20	42.74	74.00	-31.26	peak
2		4960.000	43.44	-7.20	36.24	54.00	-17.76	AVG
3		7440.000	46.64	0.98	47.62	74.00	-26.38	peak
4		7440.000	41.67	0.98	42.65	54.00	-11.35	AVG
5		9920.000	47.86	3.02	50.88	74.00	-23.12	peak
6	*	9920.000	41.66	3.02	44.68	54.00	-9.32	AVG

Photographs of the test setup

Refer to Appendix - Test Setup Photos

Photographs of the EUT

Refer to Appendix - EUT Photos

Appendix

ANT1 is Left earphone
ANT 2 is Right earphone.

Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	0.692	0.5	PASS
	Ant2	2402	0.640	0.5	PASS
	Ant1	2440	0.648	0.5	PASS
	Ant2	2440	0.672	0.5	PASS
	Ant1	2480	0.648	0.5	PASS
	Ant2	2480	0.644	0.5	PASS
BLE_2M	Ant1	2402	0.896	0.5	PASS
	Ant2	2402	0.940	0.5	PASS
	Ant1	2440	1.064	0.5	PASS
	Ant2	2440	0.960	0.5	PASS
	Ant1	2480	1.116	0.5	PASS
	Ant2	2480	1.124	0.5	PASS

Test Graphs





BLE 1M Ant1 2480



BLE 1M Ant2 2480



BLE 2M Ant1 2402



BLE 2M Ant2 2402



BLE 2M Ant1 2440



BLE 2M Ant2 2440



BLE 2M Ant1 2480



BLE 2M Ant2 2480

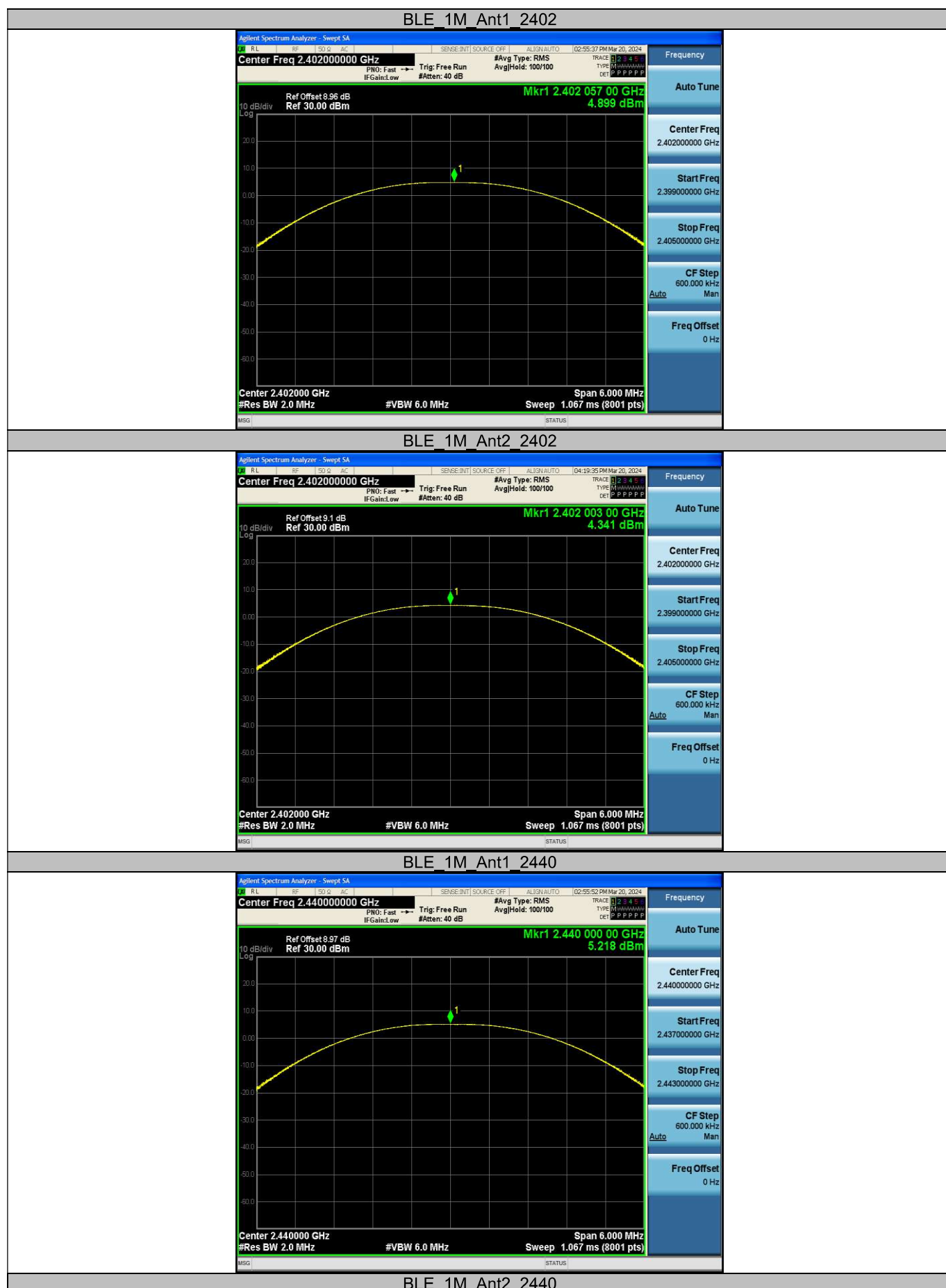


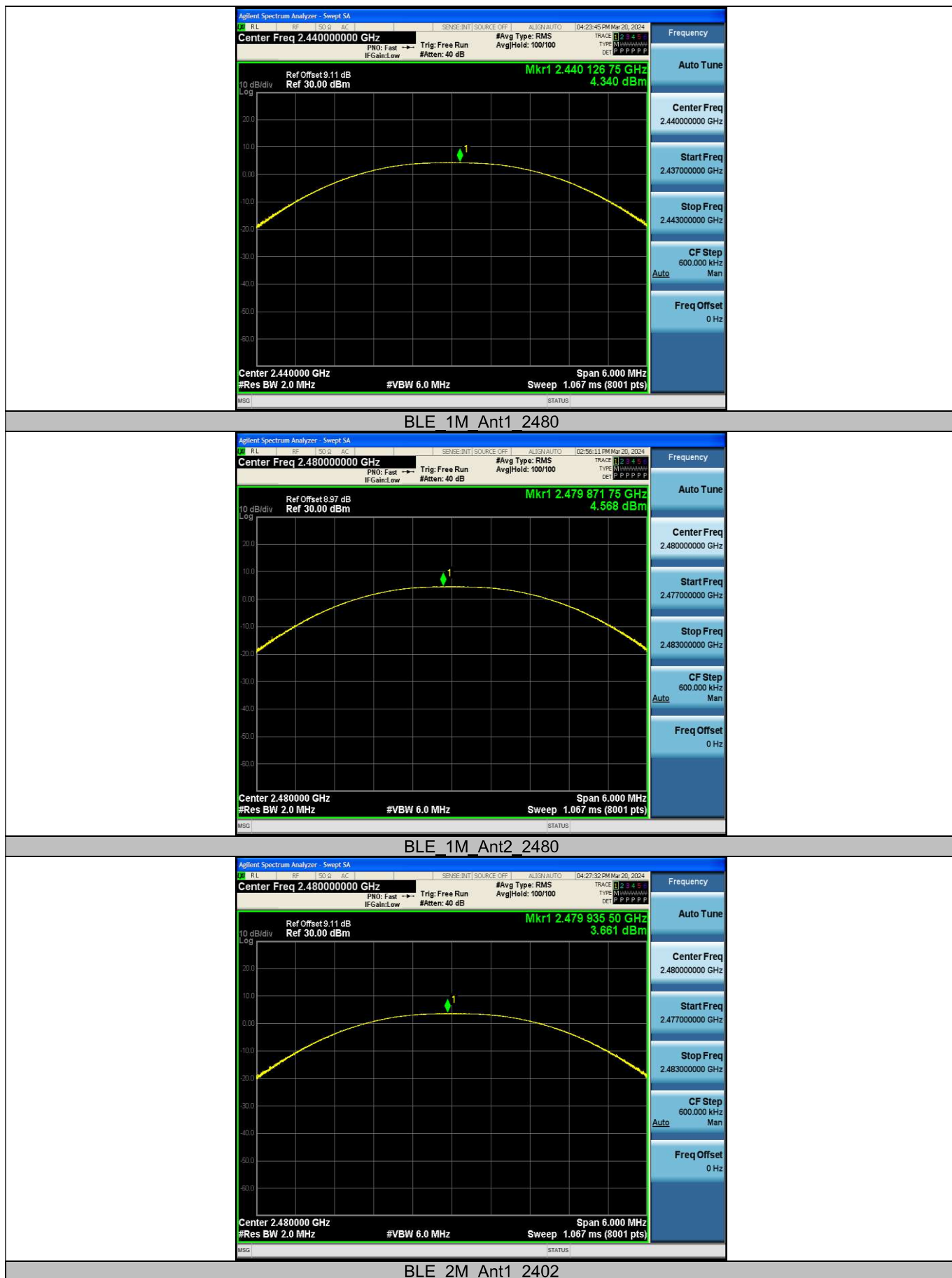
Appendix B: Maximum conducted output power

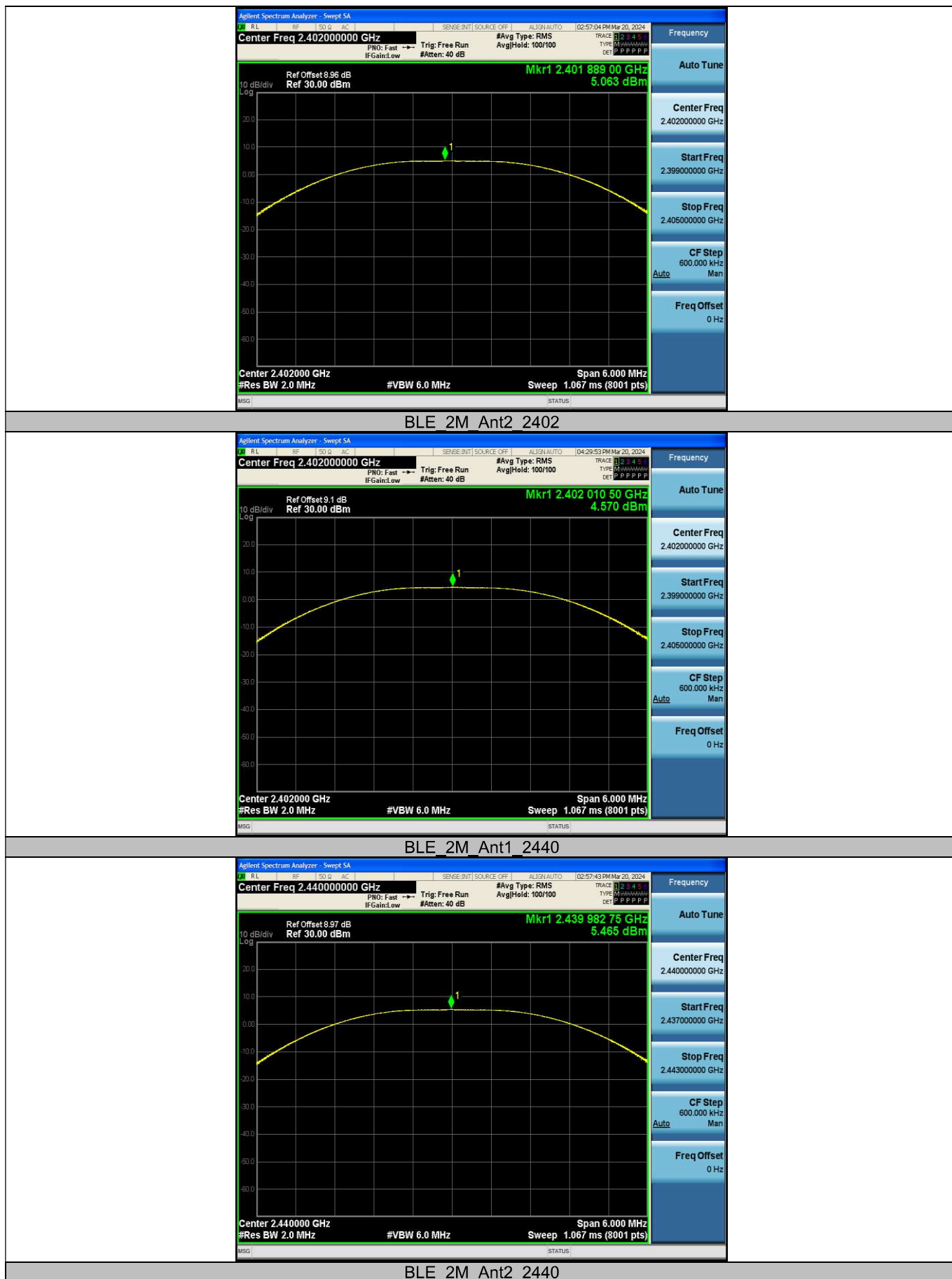
Test Result-Peak

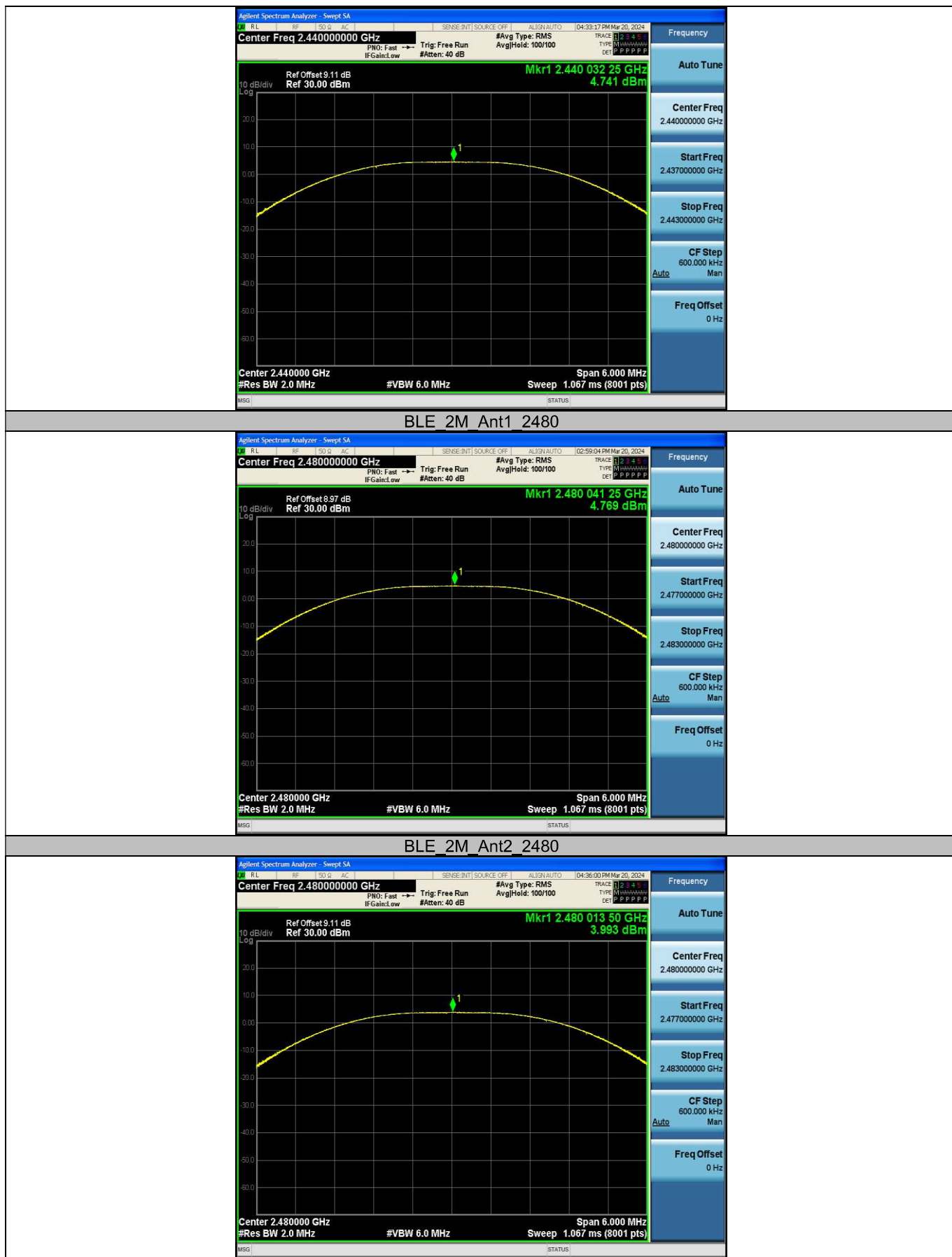
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	4.90	≤30	PASS
	Ant2	2402	4.34	≤30	PASS
	Ant1	2440	5.22	≤30	PASS
	Ant2	2440	4.34	≤30	PASS
	Ant1	2480	4.57	≤30	PASS
	Ant2	2480	3.66	≤30	PASS
BLE_2M	Ant1	2402	5.06	≤30	PASS
	Ant2	2402	4.57	≤30	PASS
	Ant1	2440	5.47	≤30	PASS
	Ant2	2440	4.74	≤30	PASS
	Ant1	2480	4.77	≤30	PASS
	Ant2	2480	3.99	≤30	PASS

Test Graphs







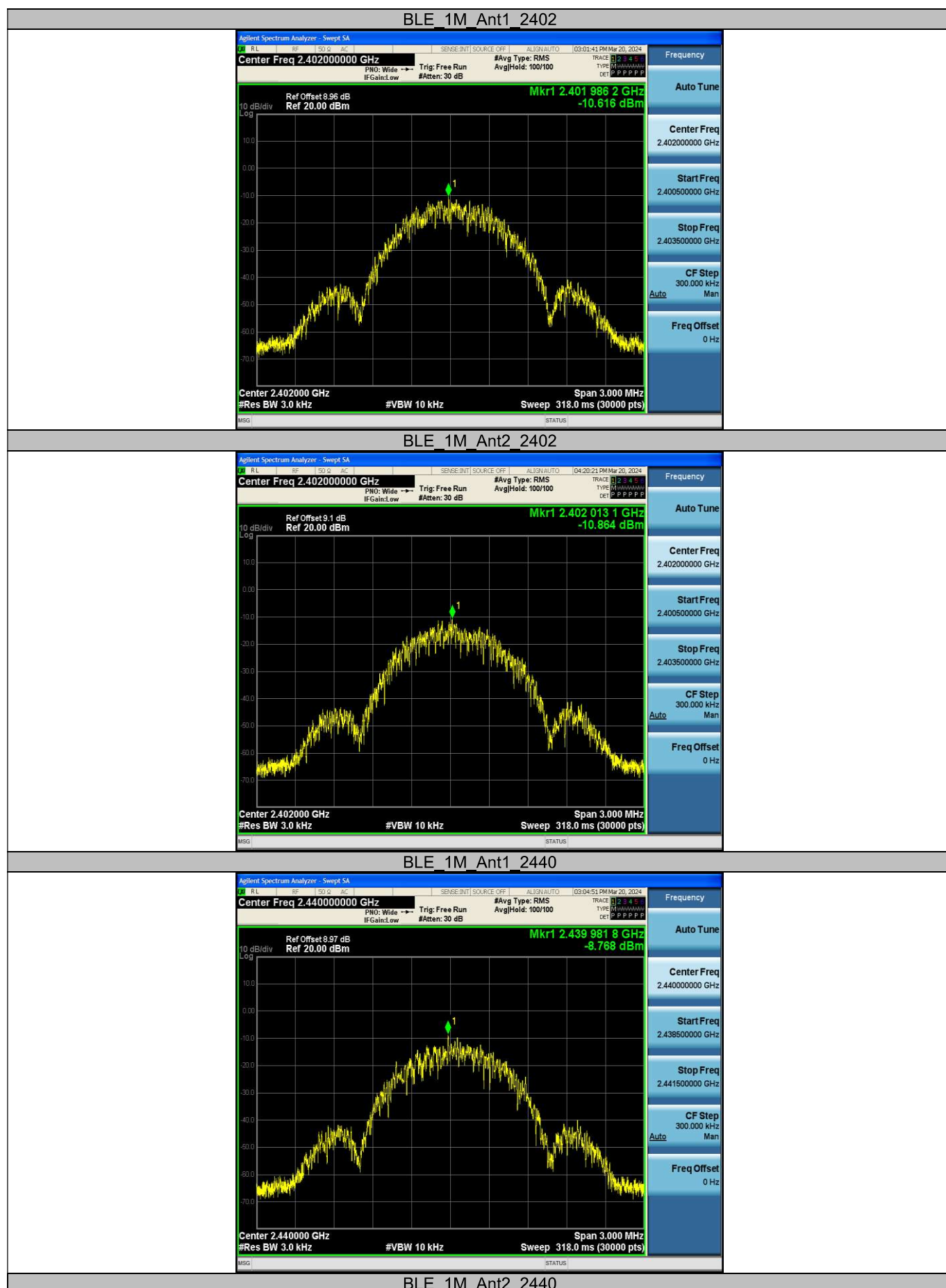


Appendix C: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.62	≤8.00	PASS
	Ant2	2402	-10.86	≤8.00	PASS
	Ant1	2440	-8.77	≤8.00	PASS
	Ant2	2440	-11.32	≤8.00	PASS
	Ant1	2480	-10.83	≤8.00	PASS
	Ant2	2480	-11.40	≤8.00	PASS
BLE_2M	Ant1	2402	-11.20	≤8.00	PASS
	Ant2	2402	-13.68	≤8.00	PASS
	Ant1	2440	-13.57	≤8.00	PASS
	Ant2	2440	-13.24	≤8.00	PASS
	Ant1	2480	-12.95	≤8.00	PASS
	Ant2	2480	-14.77	≤8.00	PASS

Test Graphs





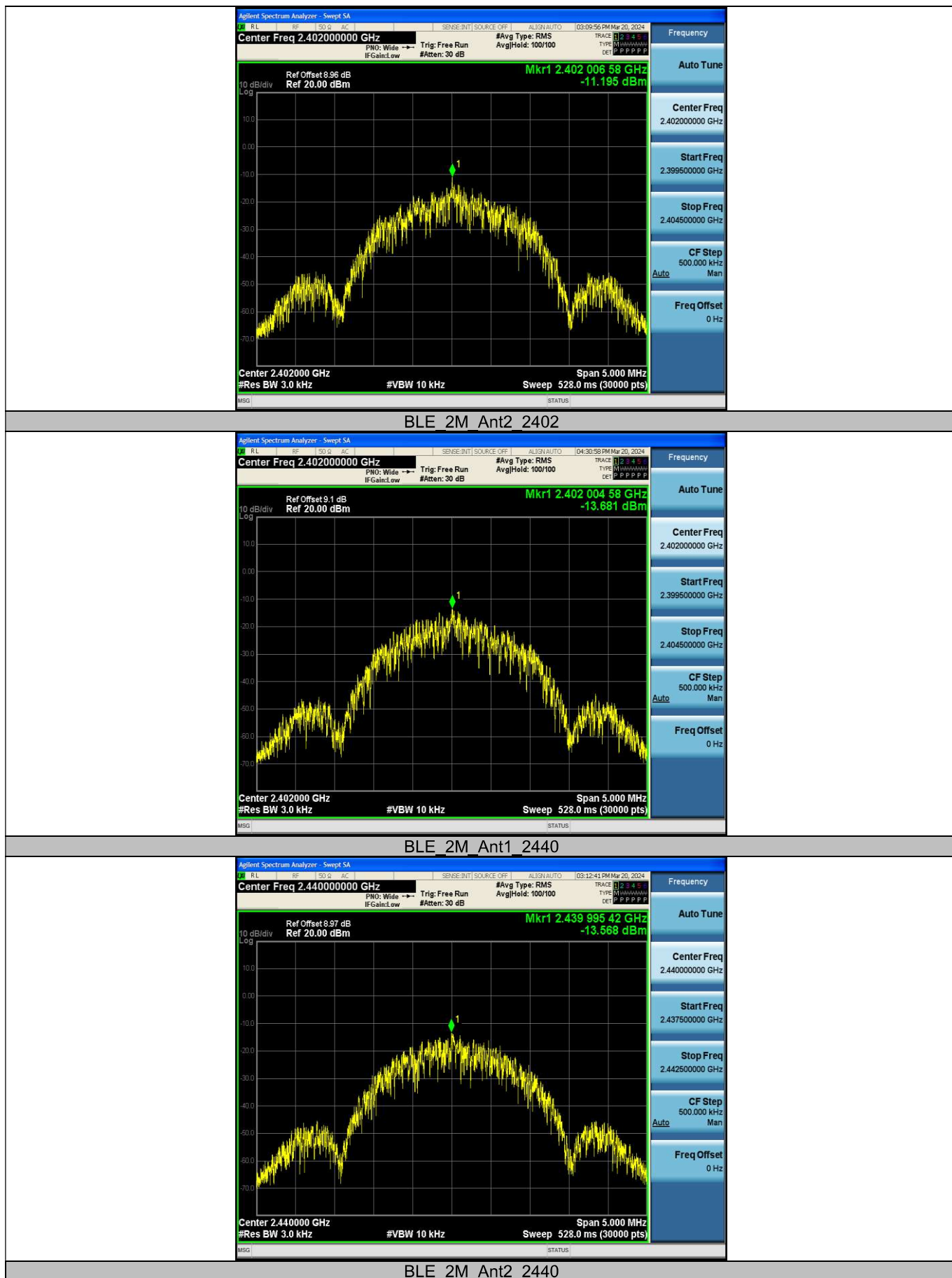
BLE 1M Ant1 2480

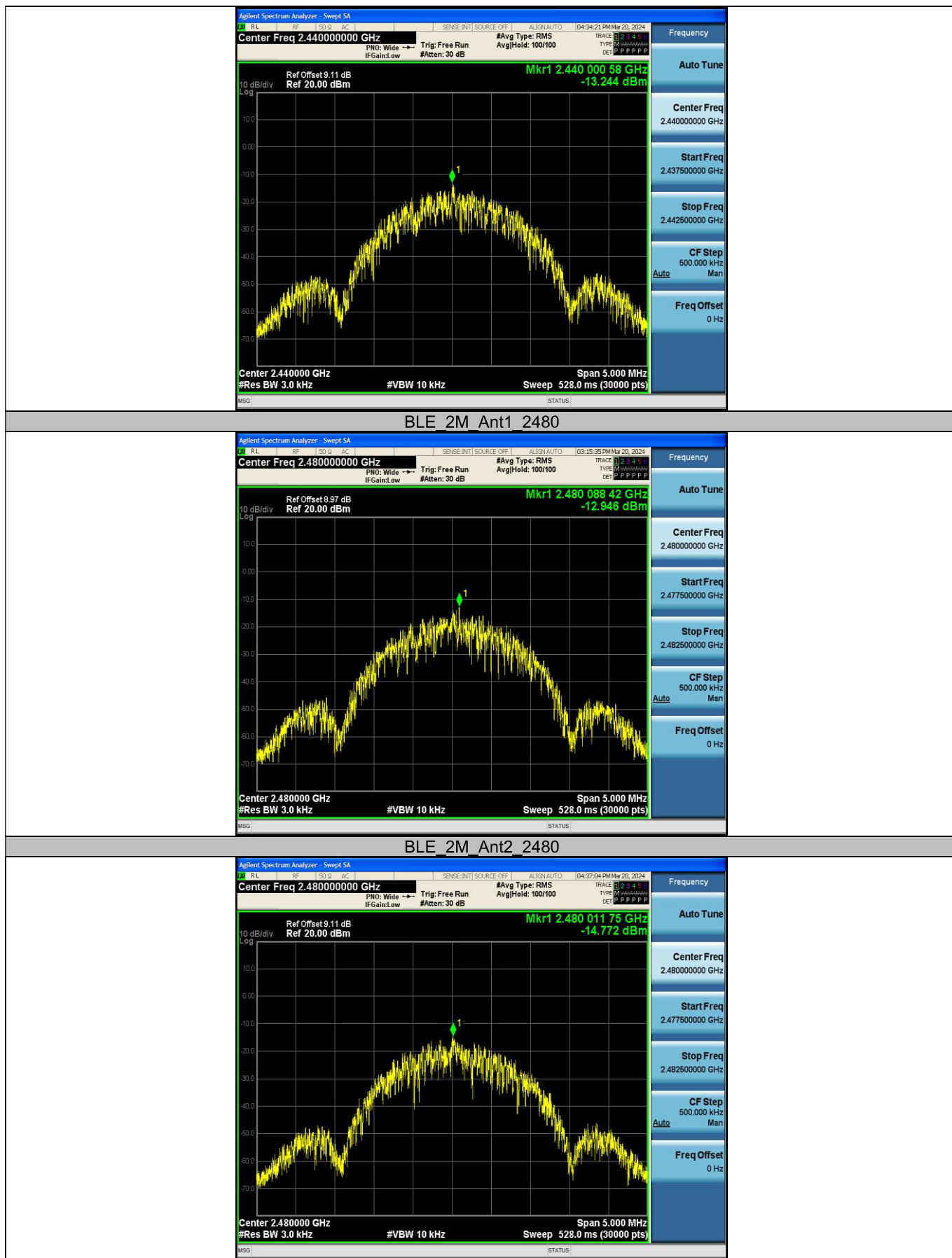


BLE 1M Ant2 2480



BLE 2M Ant1 2402



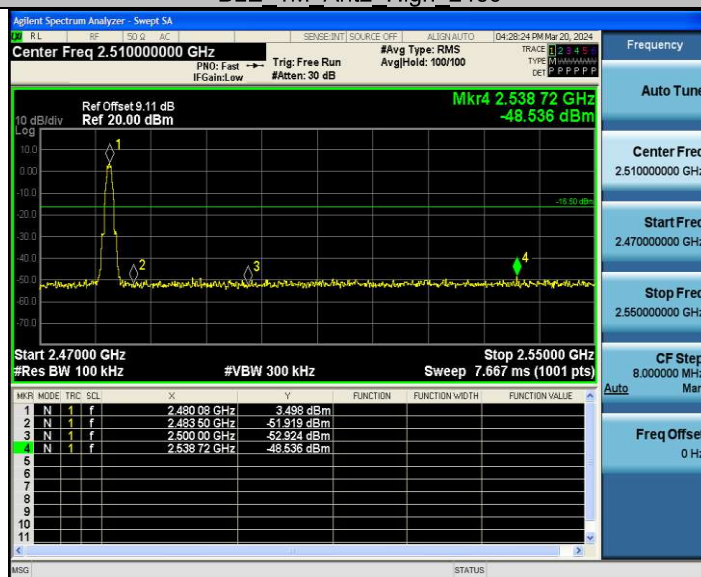


Appendix D: Band edge measurements

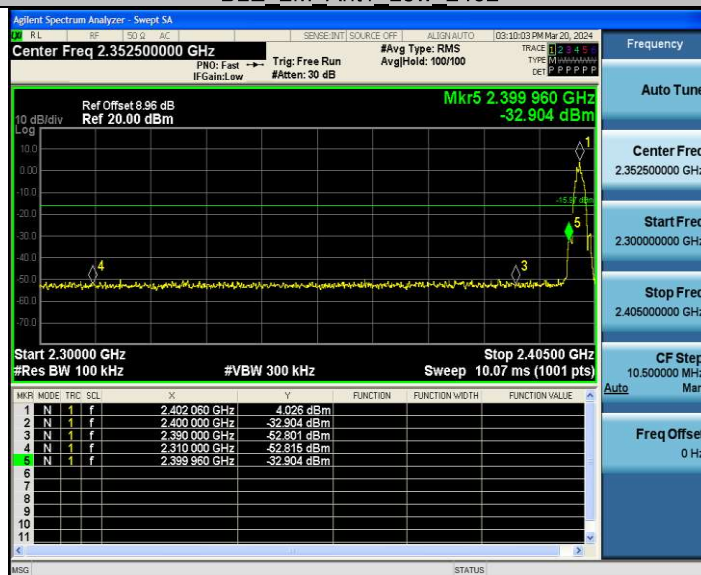
Test Graphs



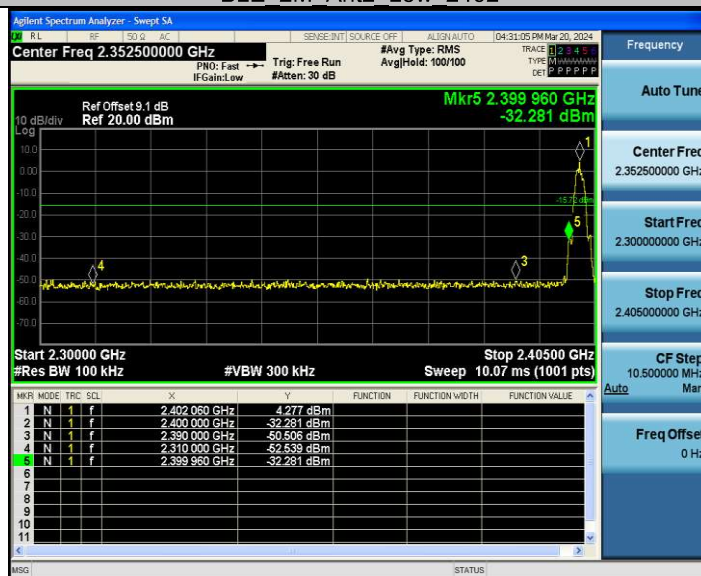
BLE 1M Ant2 High 2480



BLE 2M Ant1 Low 2402



BLE 2M Ant2 Low 2402



BLE 2M Ant1 High 2480