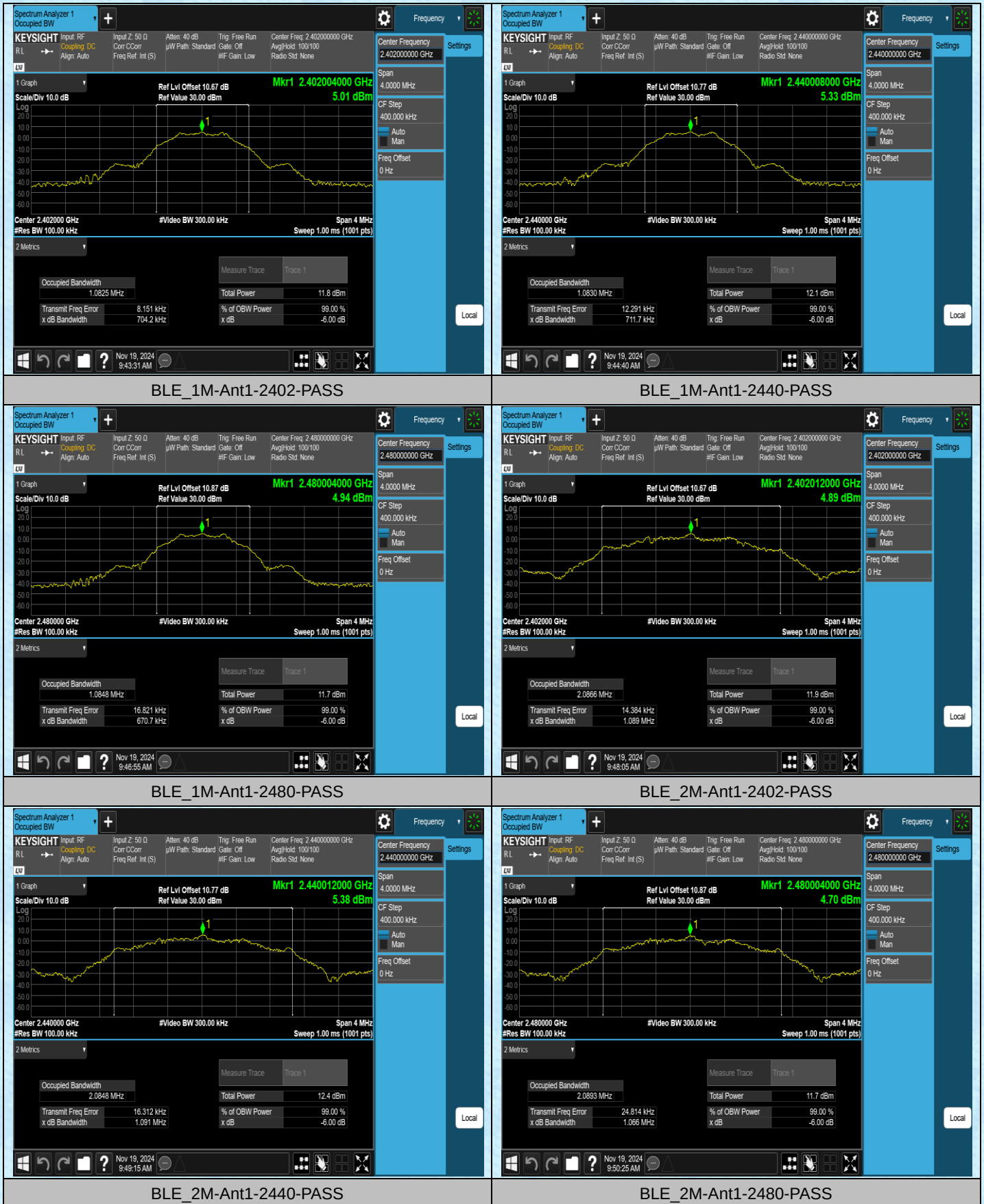


AppendixA: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.7042	0.5	PASS
BLE_1M	Ant1	2440	0.7117	0.5	PASS
BLE_1M	Ant1	2480	0.6707	0.5	PASS
BLE_2M	Ant1	2402	1.089	0.5	PASS
BLE_2M	Ant1	2440	1.091	0.5	PASS
BLE_2M	Ant1	2480	1.066	0.5	PASS

Test Graphs



AppendixB: Occupied Channel Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
BLE_1M	Ant1	2402	1.0575	2401.4850	2402.5425
BLE_1M	Ant1	2440	1.0589	2439.4861	2440.5450
BLE_1M	Ant1	2480	1.0575	2479.4912	2480.5487
BLE_2M	Ant1	2402	2.0671	2400.9848	2403.0519
BLE_2M	Ant1	2440	2.0705	2438.9880	2441.0585
BLE_2M	Ant1	2480	2.0690	2478.9923	2481.0613

The figure displays eight screenshots of a Spectrum Analyzer 1 (Occupied BW) interface, arranged in a 4x2 grid. Each screenshot shows a frequency spectrum plot with a peak marker 'Mkr1' and a table of measurement metrics.

Top Row:

- BLE_1M-Ant1-2402:** Center Freq: 2.402000000 GHz, Mkr1: 2.402000000 GHz, 4.48 dBm. Metrics: Occupied Bandwidth: 1.0575 MHz, Total Power: 12.1 dBm, Transmit Freq Error: 13.763 kHz, x dB Bandwidth: 1.136 MHz.
- BLE_1M-Ant1-2440:** Center Freq: 2.440000000 GHz, Mkr1: 2.440012000 GHz, 4.50 dBm. Metrics: Occupied Bandwidth: 1.0589 MHz, Total Power: 12.6 dBm, Transmit Freq Error: 15.586 kHz, x dB Bandwidth: 1.142 MHz.

Middle Row:

- BLE_1M-Ant1-2480:** Center Freq: 2.480000000 GHz, Mkr1: 2.480012000 GHz, 4.36 dBm. Metrics: Occupied Bandwidth: 1.0575 MHz, Total Power: 12.1 dBm, Transmit Freq Error: 18.897 kHz, x dB Bandwidth: 1.137 MHz.
- BLE_2M-Ant1-2402:** Center Freq: 2.402000000 GHz, Mkr1: 2.402000000 GHz, 3.28 dBm. Metrics: Occupied Bandwidth: 2.0671 MHz, Total Power: 11.6 dBm, Transmit Freq Error: 18.311 kHz, x dB Bandwidth: 2.163 MHz.

Bottom Row:

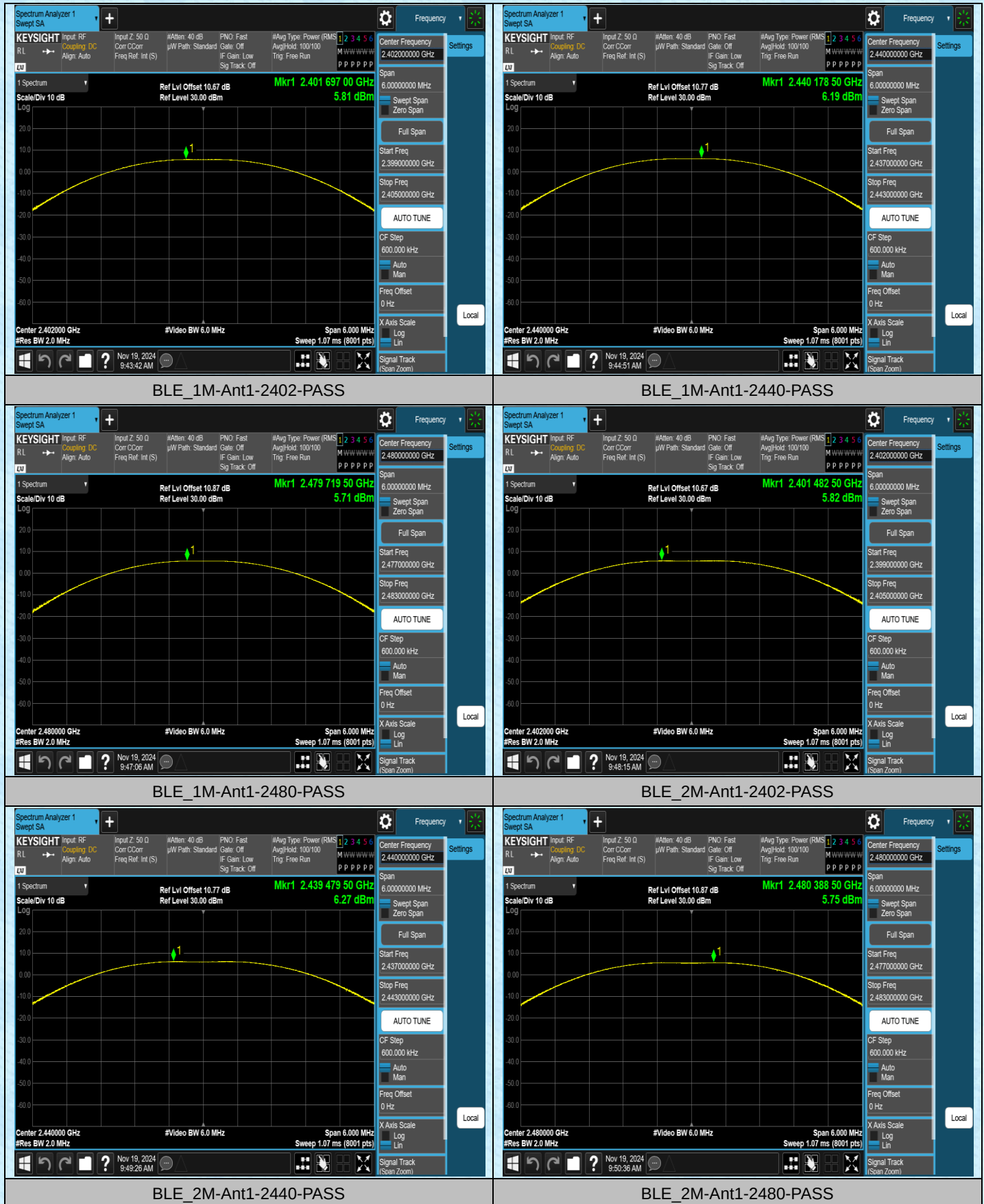
- BLE_1M-Ant1-2480:** Center Freq: 2.440000000 GHz, Mkr1: 2.440012000 GHz, 4.01 dBm. Metrics: Occupied Bandwidth: 2.0705 MHz, Total Power: 12.0 dBm, Transmit Freq Error: 23.266 kHz, x dB Bandwidth: 2.167 MHz.
- BLE_2M-Ant1-2440:** Center Freq: 2.480000000 GHz, Mkr1: 2.480016000 GHz, 3.51 dBm. Metrics: Occupied Bandwidth: 2.0690 MHz, Total Power: 11.4 dBm, Transmit Freq Error: 26.747 kHz, x dB Bandwidth: 2.130 MHz.

AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	5.81	≤30	PASS
BLE_1M	Ant1	2440	6.19	≤30	PASS
BLE_1M	Ant1	2480	5.71	≤30	PASS
BLE_2M	Ant1	2402	5.82	≤30	PASS
BLE_2M	Ant1	2440	6.27	≤30	PASS
BLE_2M	Ant1	2480	5.75	≤30	PASS

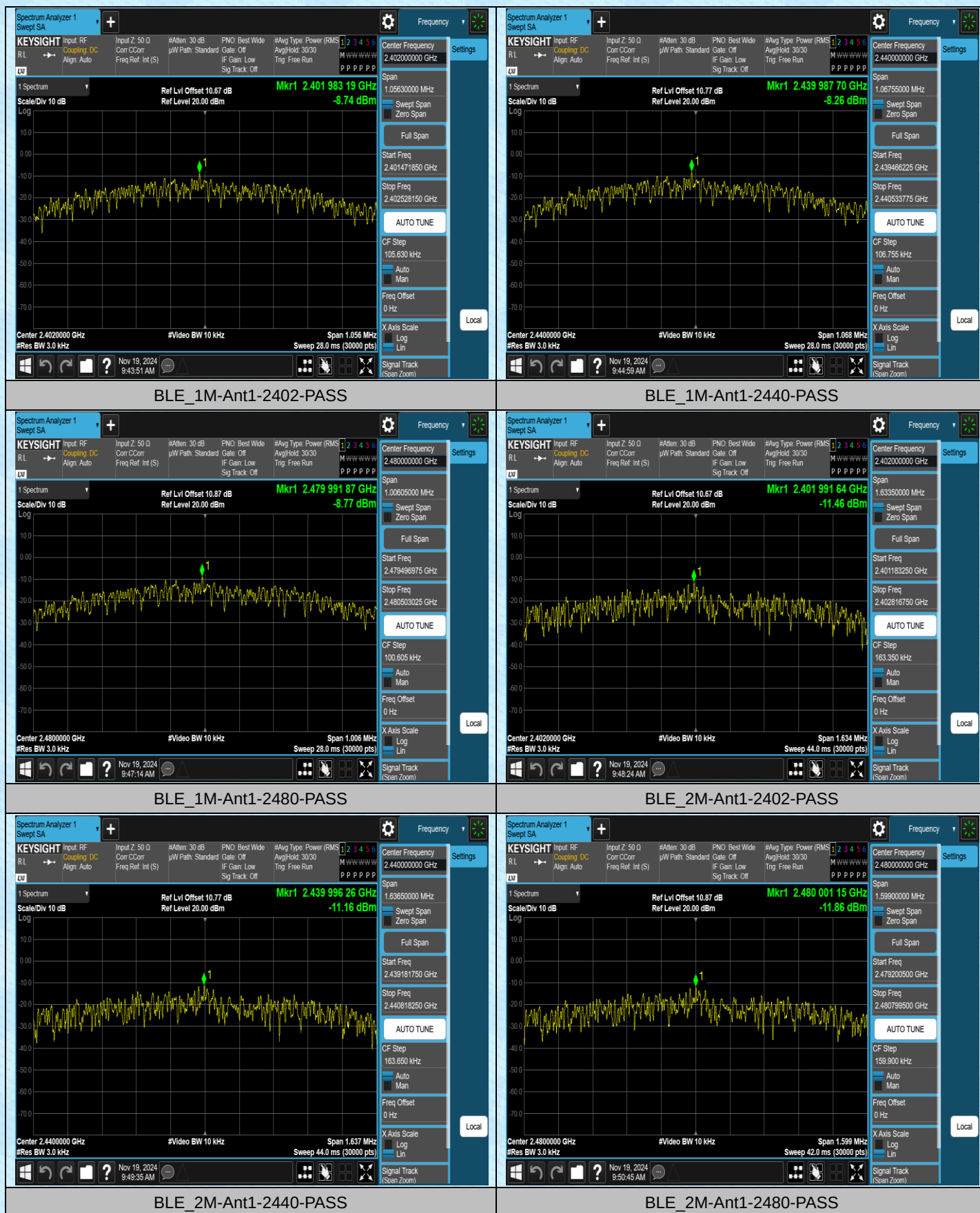
Test Graphs Peak



AppendixD: Maximum power spectral density**Test Result**

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.74	≤8.00	PASS
BLE_1M	Ant1	2440	-8.26	≤8.00	PASS
BLE_1M	Ant1	2480	-8.77	≤8.00	PASS
BLE_2M	Ant1	2402	-11.46	≤8.00	PASS
BLE_2M	Ant1	2440	-11.16	≤8.00	PASS
BLE_2M	Ant1	2480	-11.86	≤8.00	PASS

Test Graphs

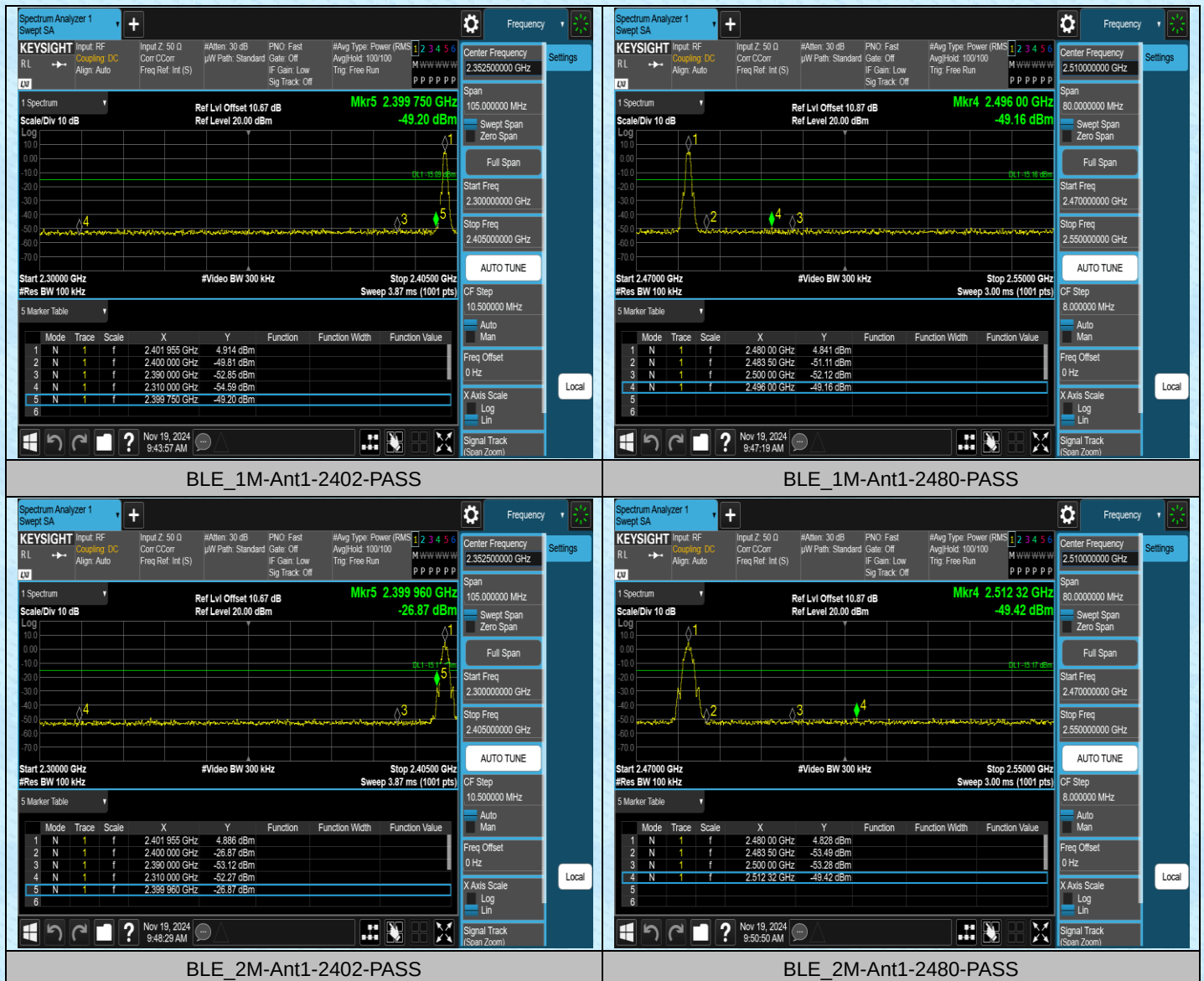


AppendixE:Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	4.91	-49.2	≤-15.09	PASS
BLE_1M	Ant1	High	2480	4.84	-49.16	≤-15.16	PASS
BLE_2M	Ant1	Low	2402	4.89	-26.87	≤-15.11	PASS
BLE_2M	Ant1	High	2480	4.83	-49.42	≤-15.17	PASS

Test Graphs

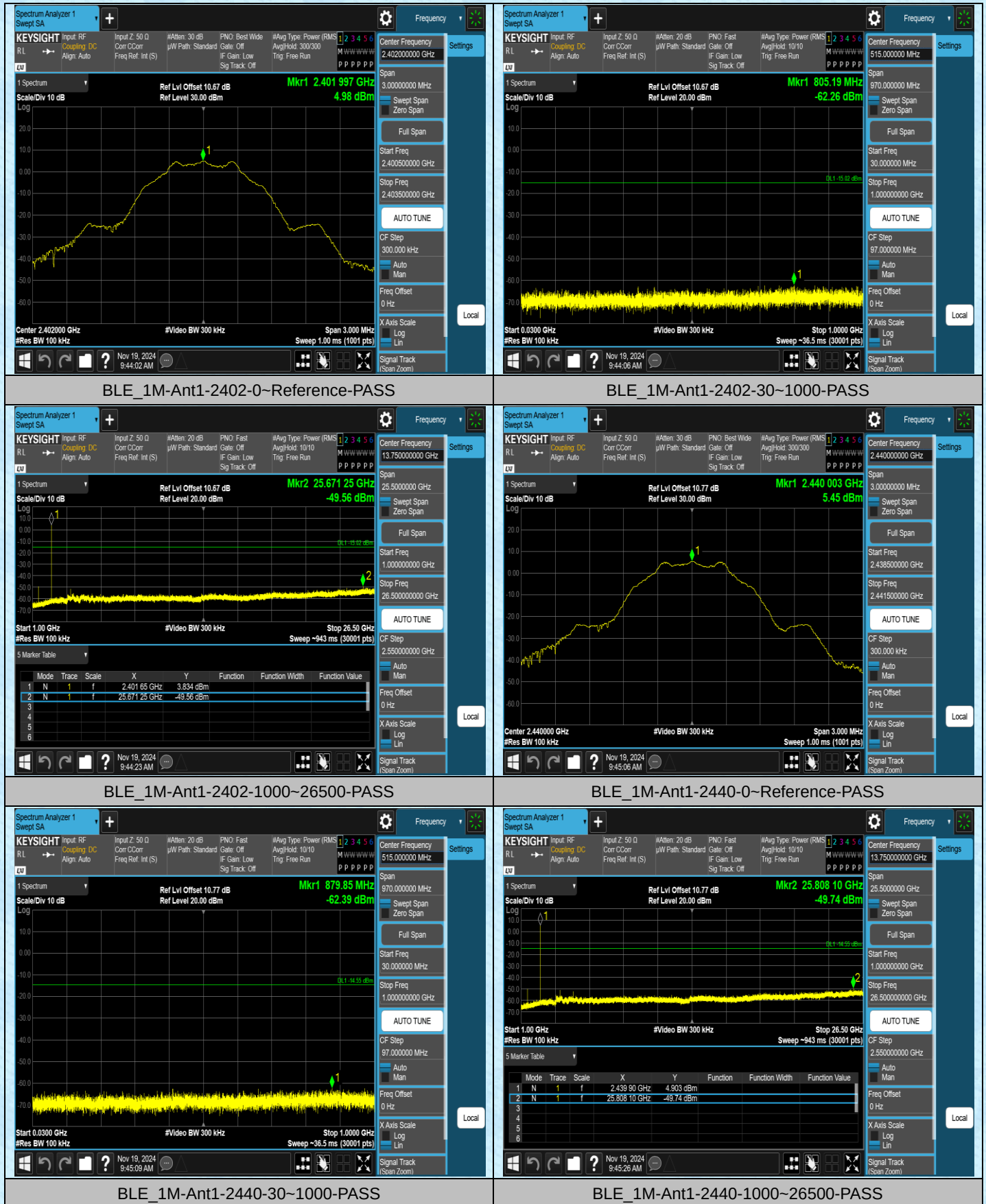


AppendixF:Conducted Spurious Emission

Test Result

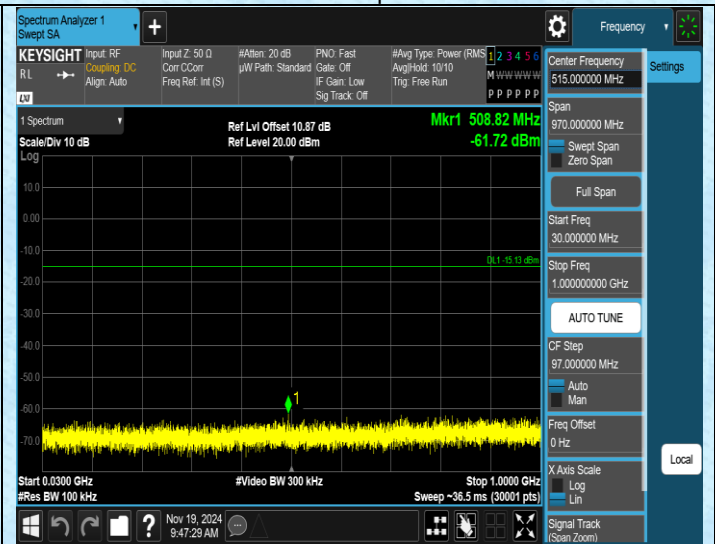
Test Mode	Antenna	Frequency[MHz]	Freq Range [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	4.98	4.98	---	PASS
BLE_1M	Ant1	2402	30~1000	4.98	-62.26	≤-15.02	PASS
BLE_1M	Ant1	2402	1000~26500	4.98	-49.56	≤-15.02	PASS
BLE_1M	Ant1	2440	0~Reference	5.45	5.45	---	PASS
BLE_1M	Ant1	2440	30~1000	5.45	-62.39	≤-14.55	PASS
BLE_1M	Ant1	2440	1000~26500	5.45	-49.74	≤-14.55	PASS
BLE_1M	Ant1	2480	0~Reference	4.87	4.87	---	PASS
BLE_1M	Ant1	2480	30~1000	4.87	-61.72	≤-15.13	PASS
BLE_1M	Ant1	2480	1000~26500	4.87	-50.11	≤-15.13	PASS
BLE_2M	Ant1	2402	0~Reference	4.90	4.90	---	PASS
BLE_2M	Ant1	2402	30~1000	4.90	-61.85	≤-15.1	PASS
BLE_2M	Ant1	2402	1000~26500	4.90	-50.04	≤-15.1	PASS
BLE_2M	Ant1	2440	0~Reference	5.42	5.42	---	PASS
BLE_2M	Ant1	2440	30~1000	5.42	-61.85	≤-14.58	PASS
BLE_2M	Ant1	2440	1000~26500	5.42	-49.01	≤-14.58	PASS
BLE_2M	Ant1	2480	0~Reference	4.85	4.85	---	PASS
BLE_2M	Ant1	2480	30~1000	4.85	-61.72	≤-15.15	PASS
BLE_2M	Ant1	2480	1000~26500	4.85	-50.37	≤-15.15	PASS

Test Graphs





BLE_1M-Ant1-2480-0~Reference-PASS



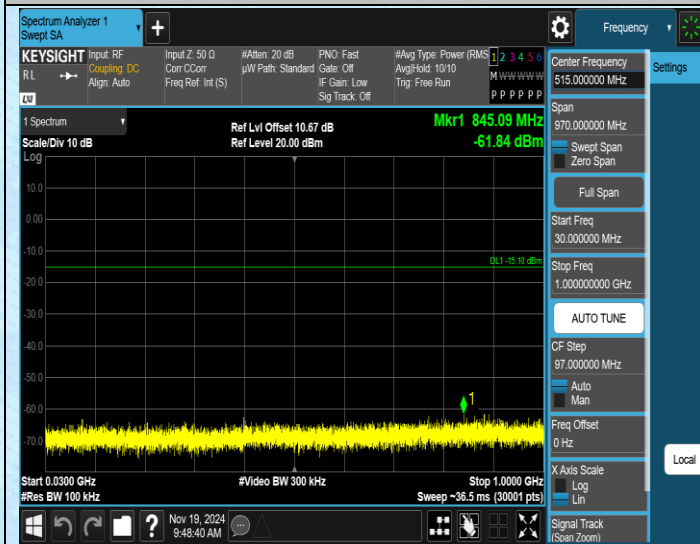
BLE_1M-Ant1-2480-30~1000-PASS



BLE_1M-Ant1-2480-1000~26500-PASS



BLE_2M-Ant1-2402-0~Reference-PASS



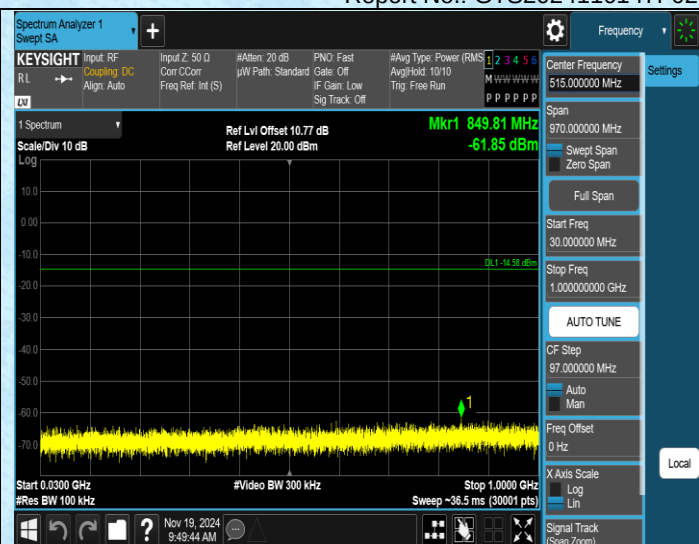
BLE_2M-Ant1-2402-30~1000-PASS



BLE_2M-Ant1-2402-1000~26500-PASS



BLE 2M-Ant1-2440-0~Reference-PASS



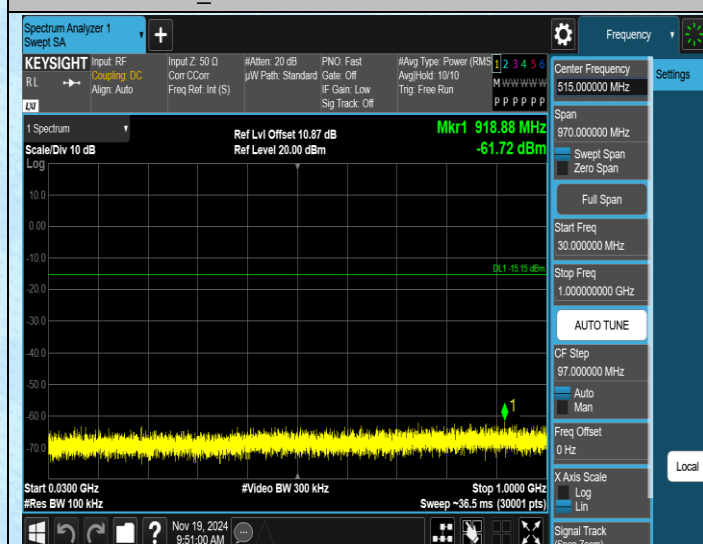
BLE 2M-Ant1-2440-30~1000-PASS



BLE 2M-Ant1-2440-1000~26500-PASS



BLE 2M-Ant1-2480-0~Reference-PASS



BLE 2M-Ant1-2480-30~1000-PASS



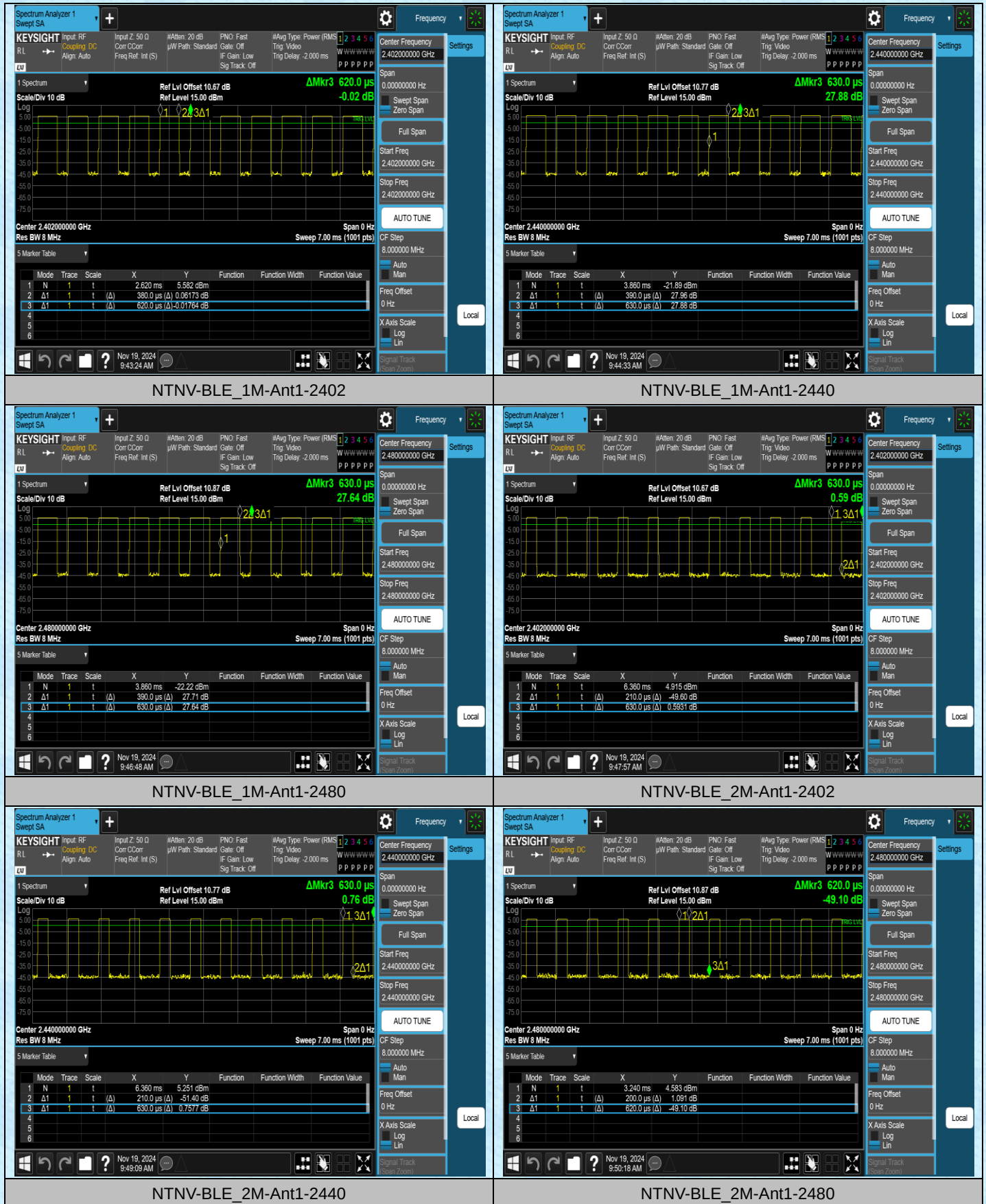
BLE 2M-Ant1-2480-1000~26500-PASS

AppendixG: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.38	0.62	61.29	2.13
BLE_1M	Ant1	2440	0.39	0.63	61.90	2.08
BLE_1M	Ant1	2480	0.39	0.63	61.90	2.08
BLE_2M	Ant1	2402	0.21	0.63	33.33	4.77
BLE_2M	Ant1	2440	0.21	0.63	33.33	4.77
BLE_2M	Ant1	2480	0.20	0.62	32.26	4.91

Test Graphs



-----End-----