

Test Graphs







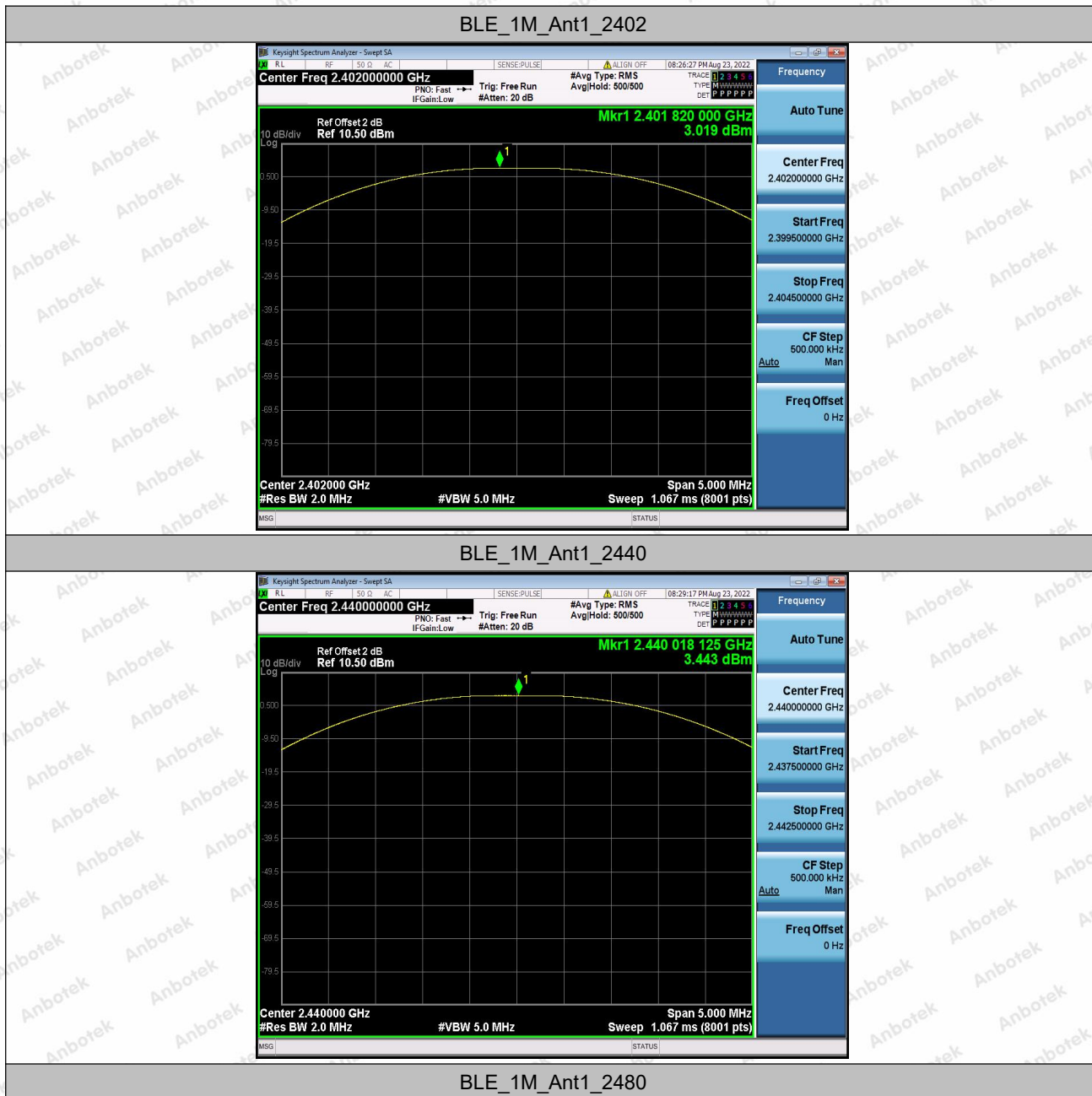
Appendix C: Maximum conducted output power

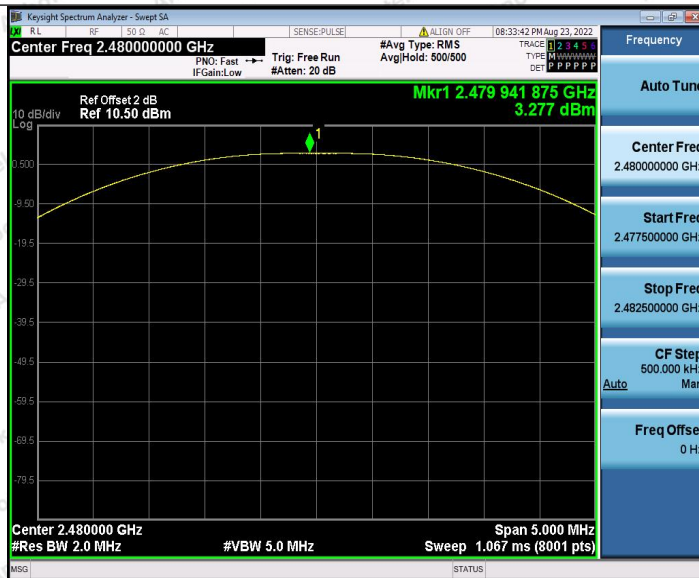
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.02	≤30	PASS
		2440	3.44	≤30	PASS
		2480	3.28	≤30	PASS
BLE_2M	Ant1	2402	3.47	≤30	PASS
		2440	3.85	≤30	PASS
		2480	3.34	≤30	PASS

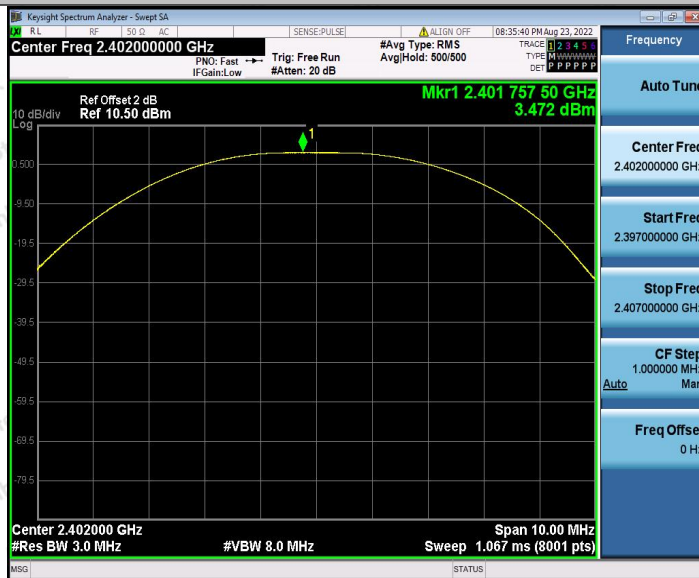


Test Graphs Peak





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440





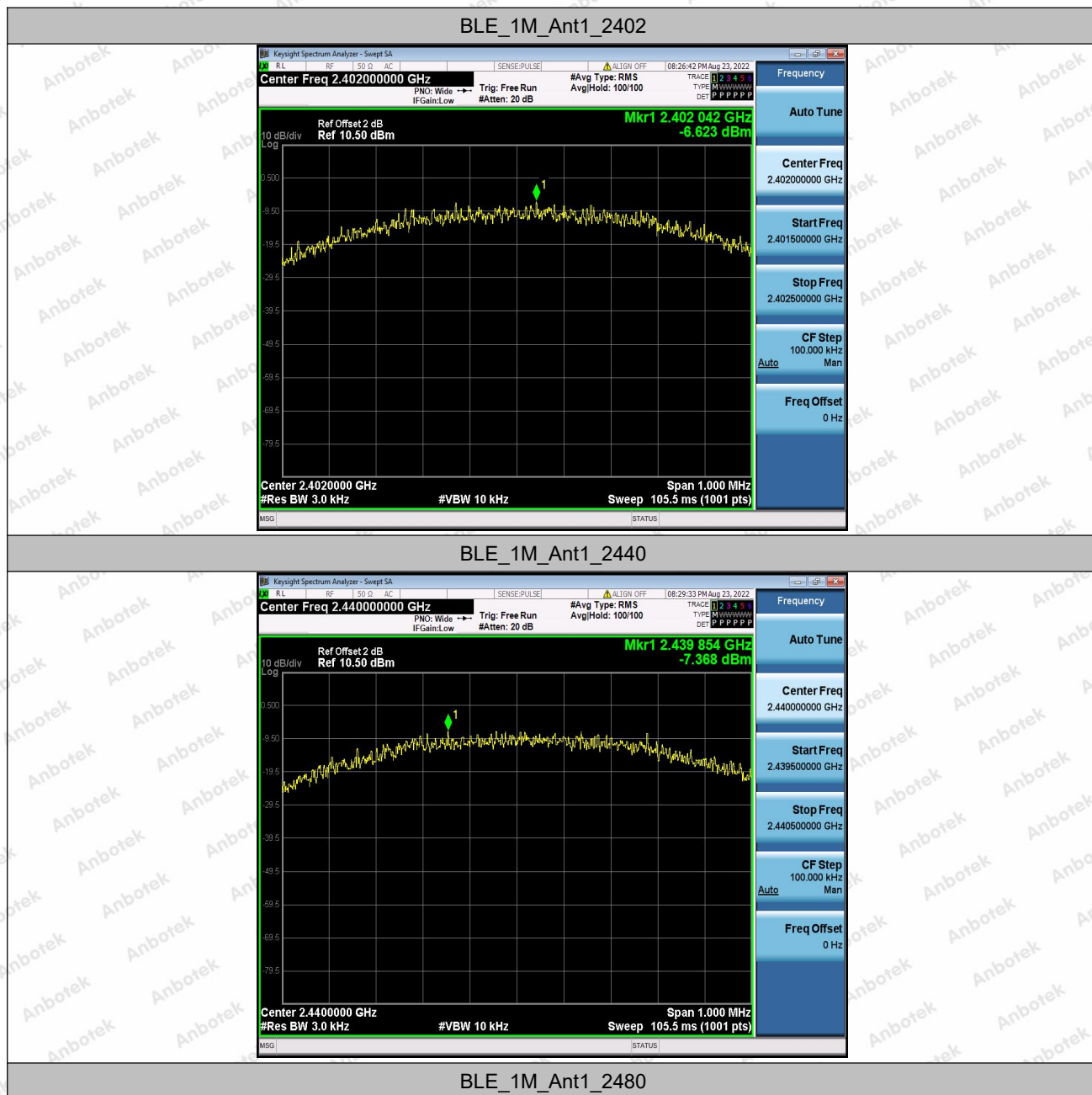
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-6.62	≤8	PASS
		2440	-7.37	≤8	PASS
		2480	-6.29	≤8	PASS
BLE_2M	Ant1	2402	-9.5	≤8	PASS
		2440	-8.42	≤8	PASS
		2480	-9.19	≤8	PASS



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BLE_2M_Ant1_2402



BLE_2M_Ant1_2440





Appendix E: Band edge measurements

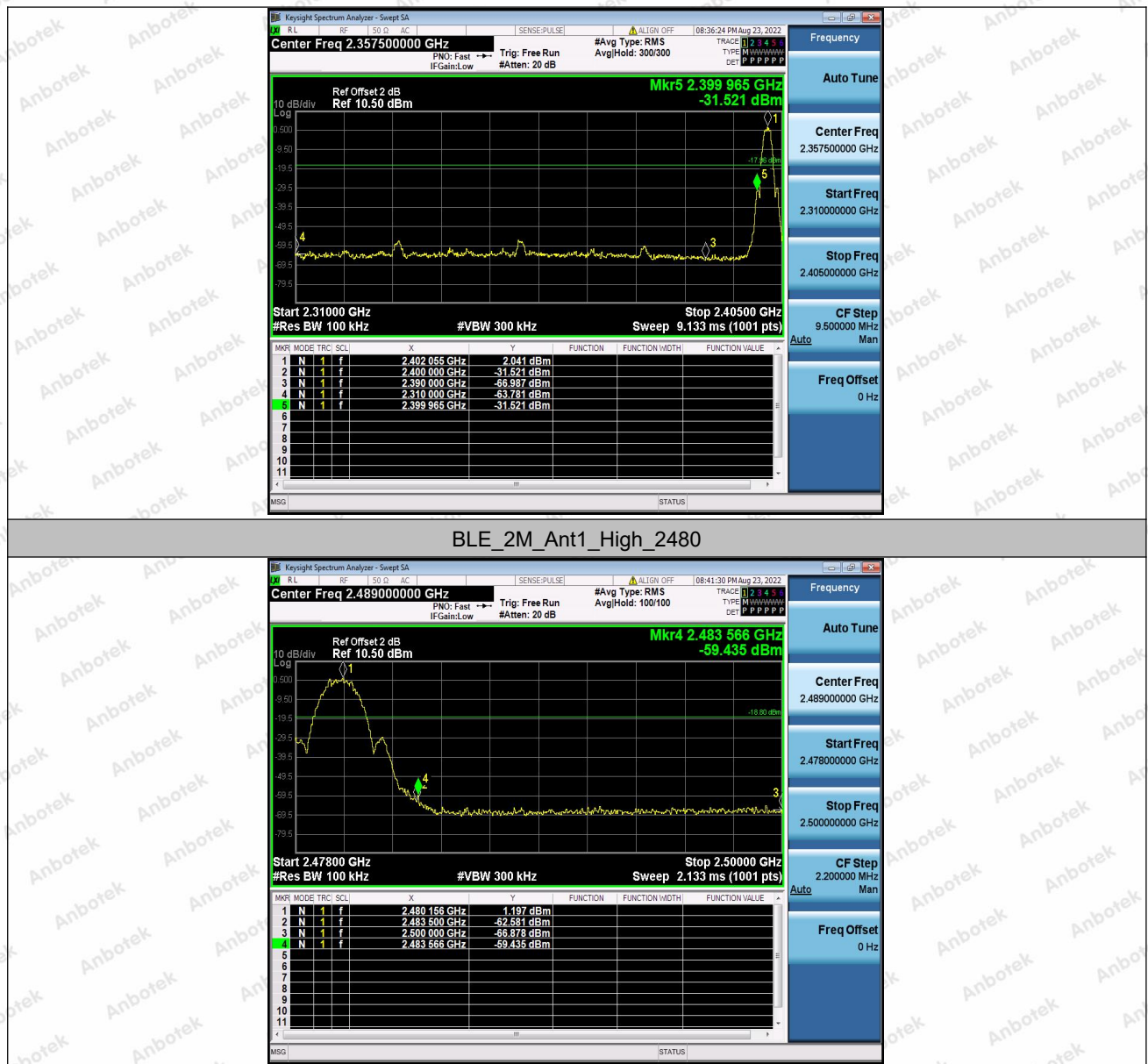
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.78	-56.19	≤ -17.22	PASS
		High	2480	2.16	-64.73	≤ -17.84	PASS
BLE_2M	Ant1	Low	2402	2.04	-31.52	≤ -17.96	PASS
		High	2480	1.20	-59.44	≤ -18.80	PASS



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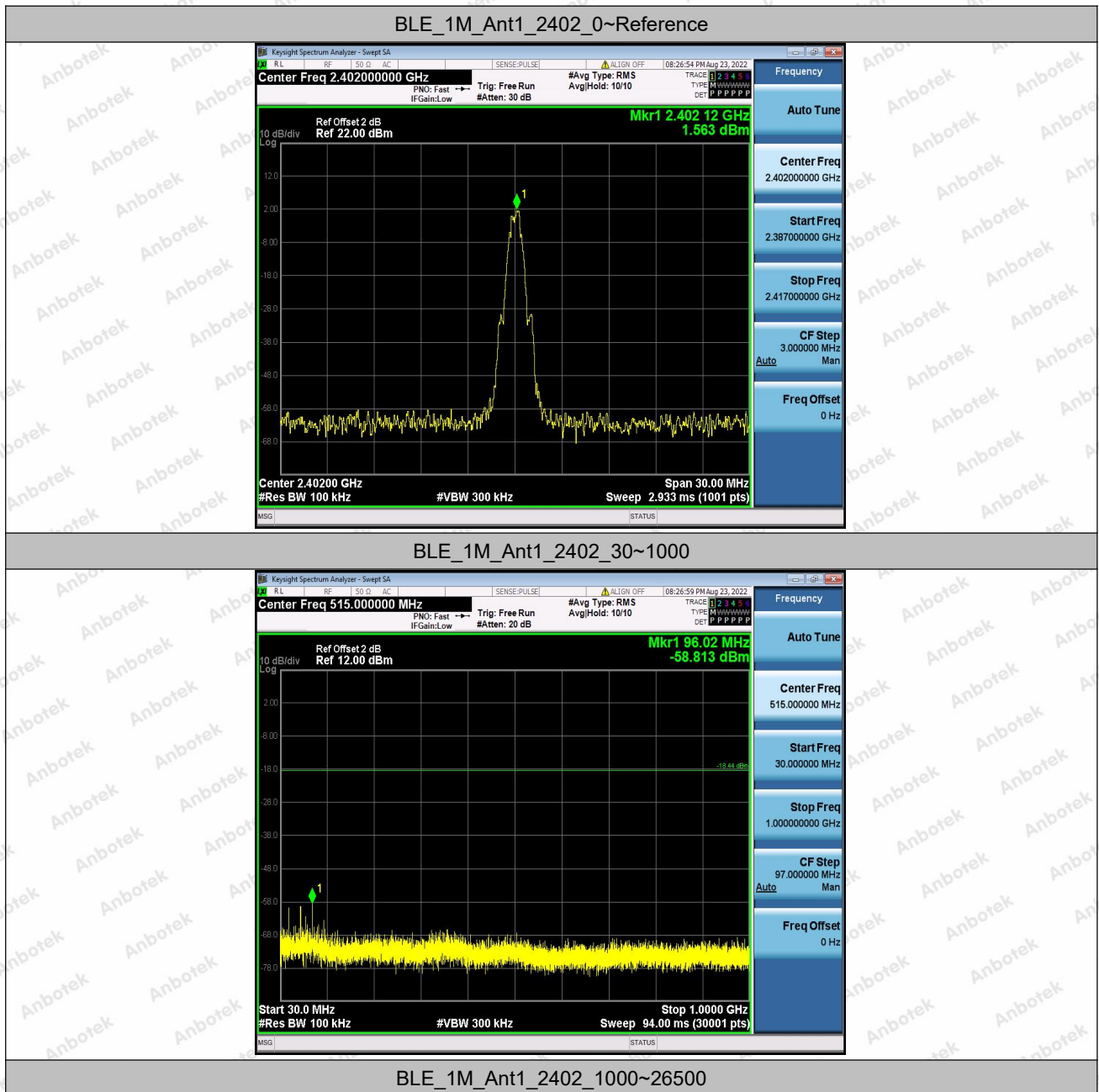
Appendix F: Conducted Spurious Emission

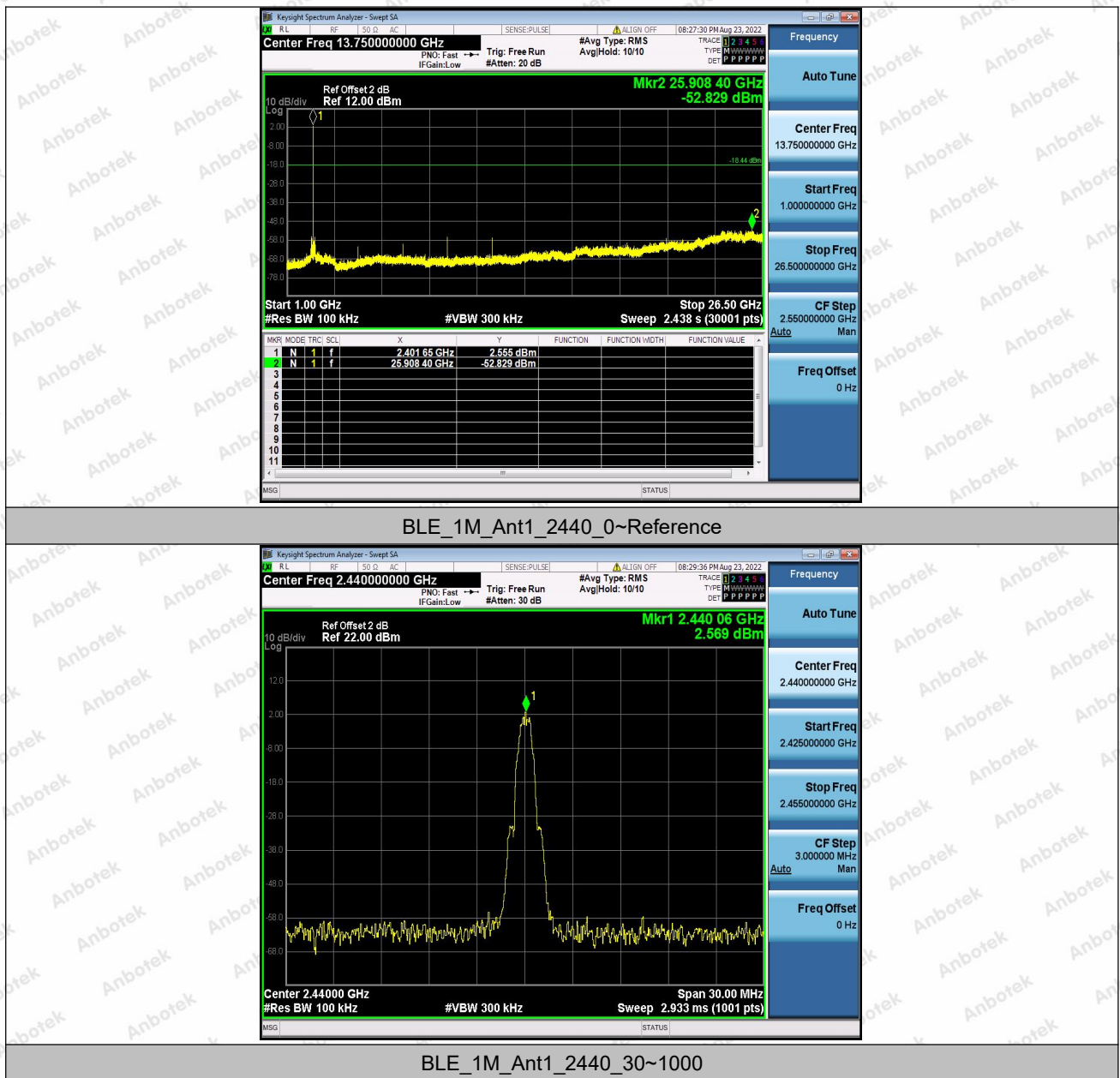
Test Result

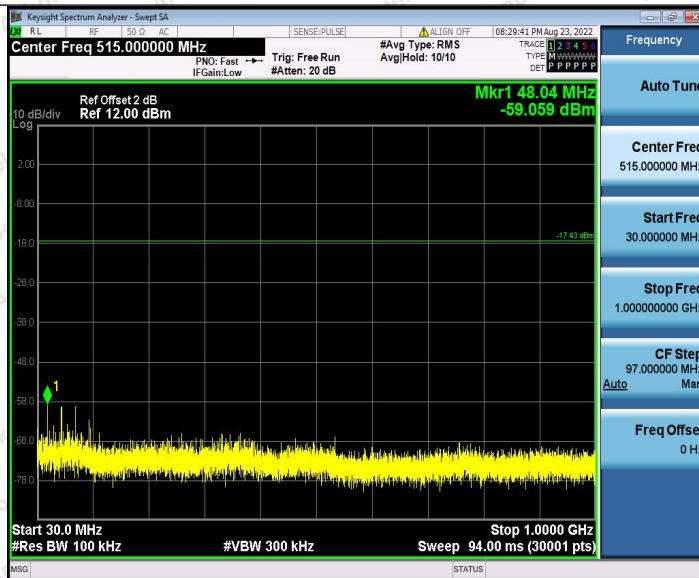
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	1.56	1.56	---	PASS
			30~1000	1.56	-58.81	≤-18.44	PASS
			1000~26500	1.56	-52.83	≤-18.44	PASS
		2440	Reference	2.57	2.57	---	PASS
			30~1000	2.57	-59.06	≤-17.43	PASS
			1000~26500	2.57	-52.52	≤-17.43	PASS
		2480	Reference	2.02	2.02	---	PASS
			30~1000	2.02	-59.12	≤-17.98	PASS
			1000~26500	2.02	-50.72	≤-17.98	PASS
BLE_2M	Ant1	2402	Reference	-0.08	-0.08	---	PASS
			30~1000	-0.08	-58.33	≤-20.08	PASS
			1000~26500	-0.08	-52.44	≤-20.08	PASS
		2440	Reference	0.53	0.53	---	PASS
			30~1000	0.53	-58.39	≤-19.47	PASS
			1000~26500	0.53	-52.48	≤-19.47	PASS
		2480	Reference	1.87	1.87	---	PASS
			30~1000	1.87	-58.37	≤-18.13	PASS
			1000~26500	1.87	-53.12	≤-18.13	PASS



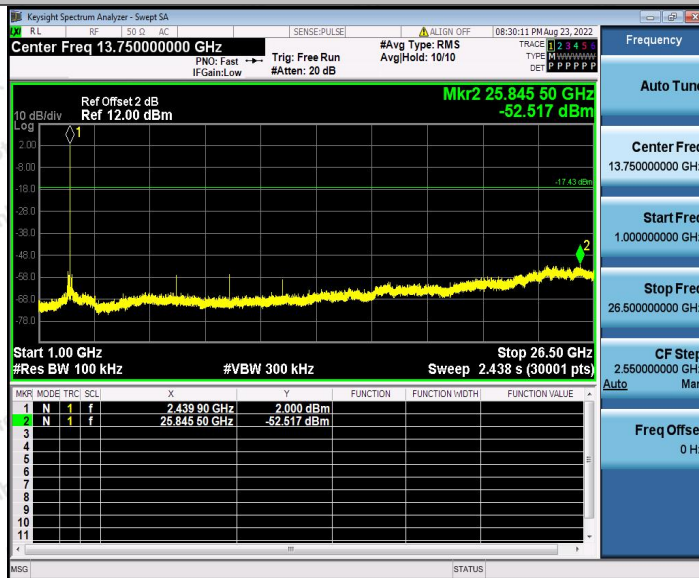
Test Graphs





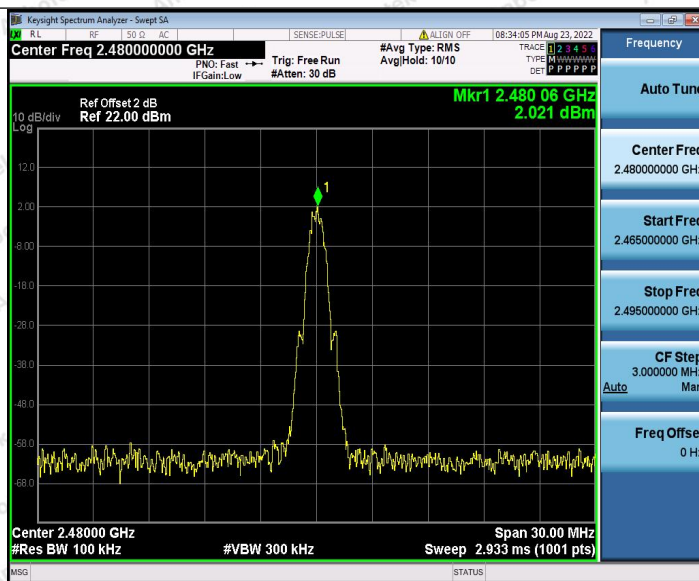


BLE_1M_Ant1_2440_1000~26500

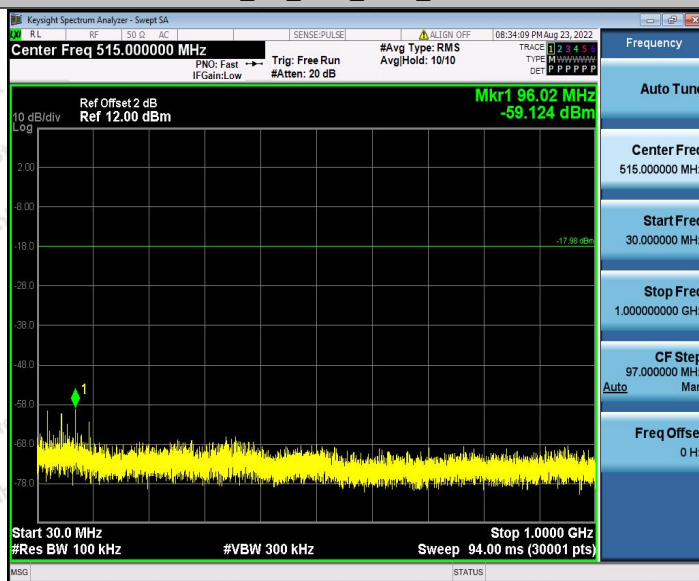


BLE_1M_Ant1_2480_0~Reference



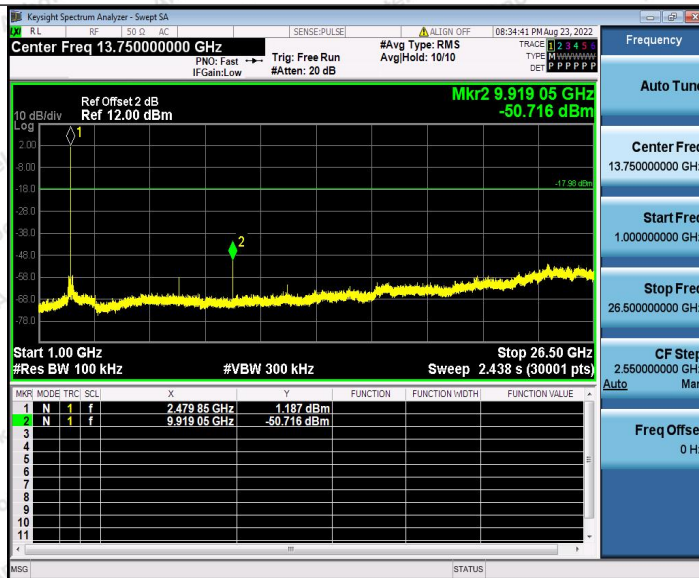


BLE_1M_Ant1_2480_30~1000

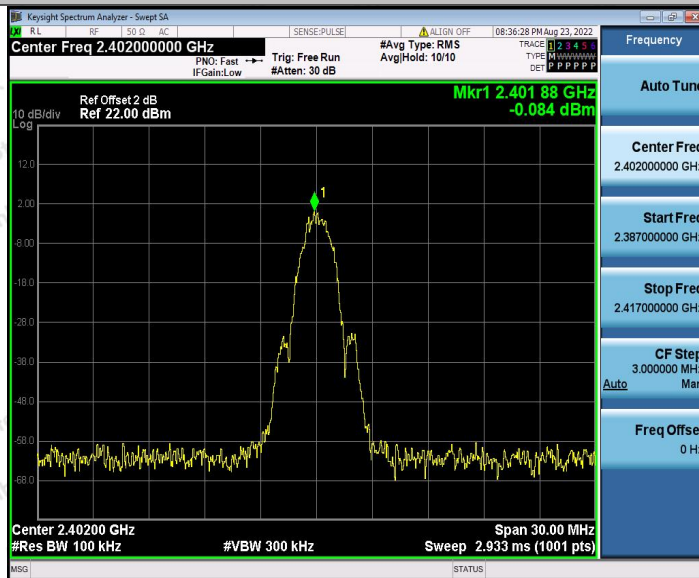


BLE_1M_Ant1_2480_1000~26500



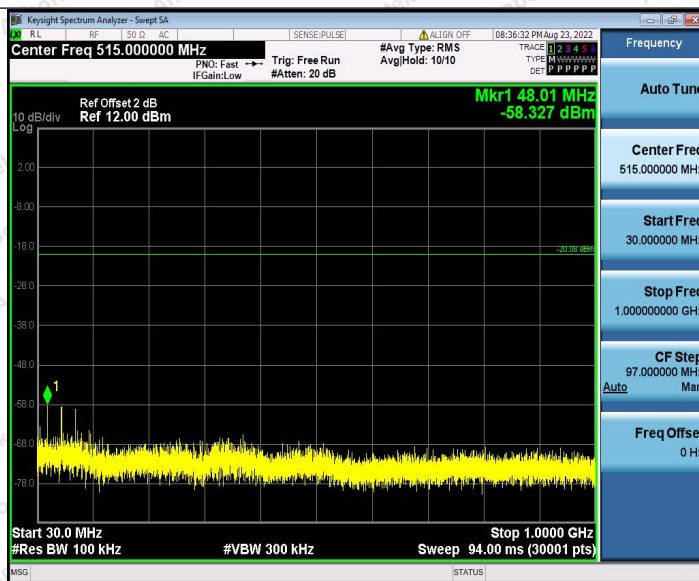


BLE_2M_Ant1_2402_0~Reference

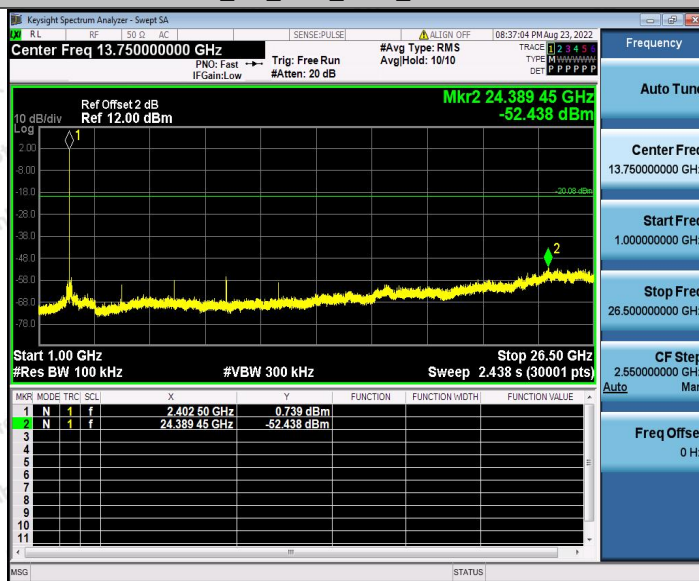


BLE_2M_Ant1_2402_30~1000



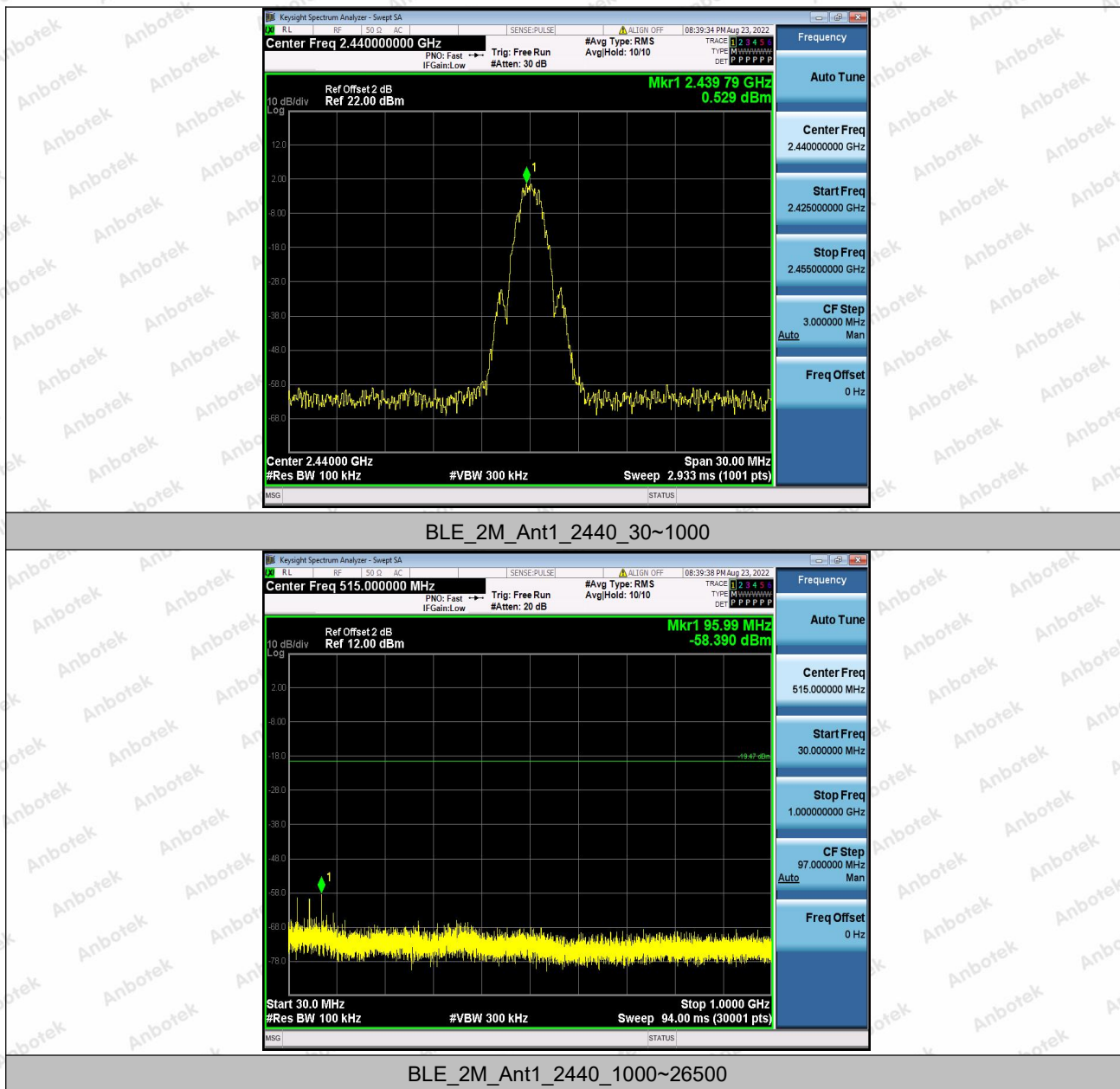


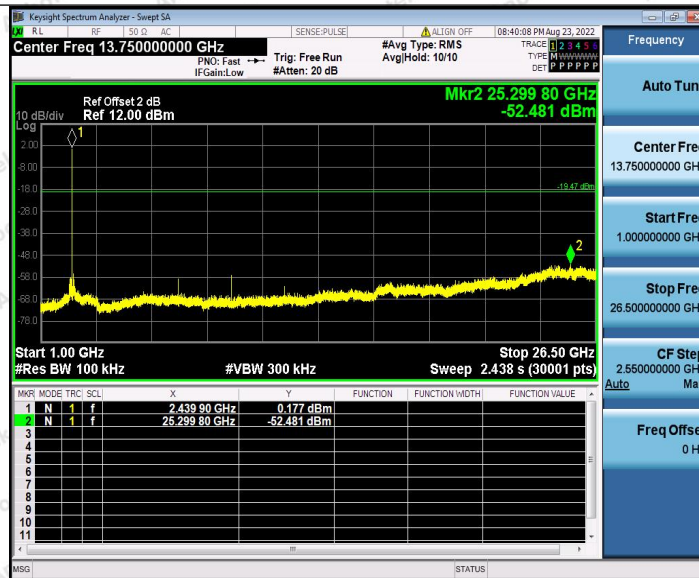
BLE_2M_Ant1_2402_1000~26500



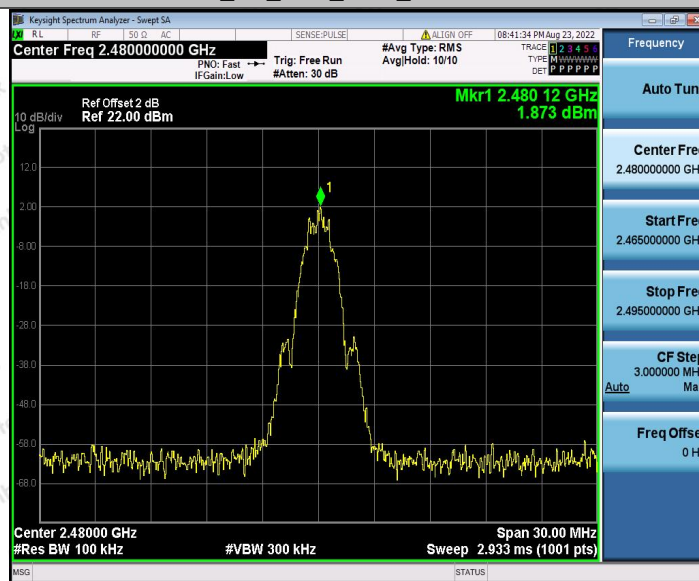
BLE_2M_Ant1_2440_0~Reference





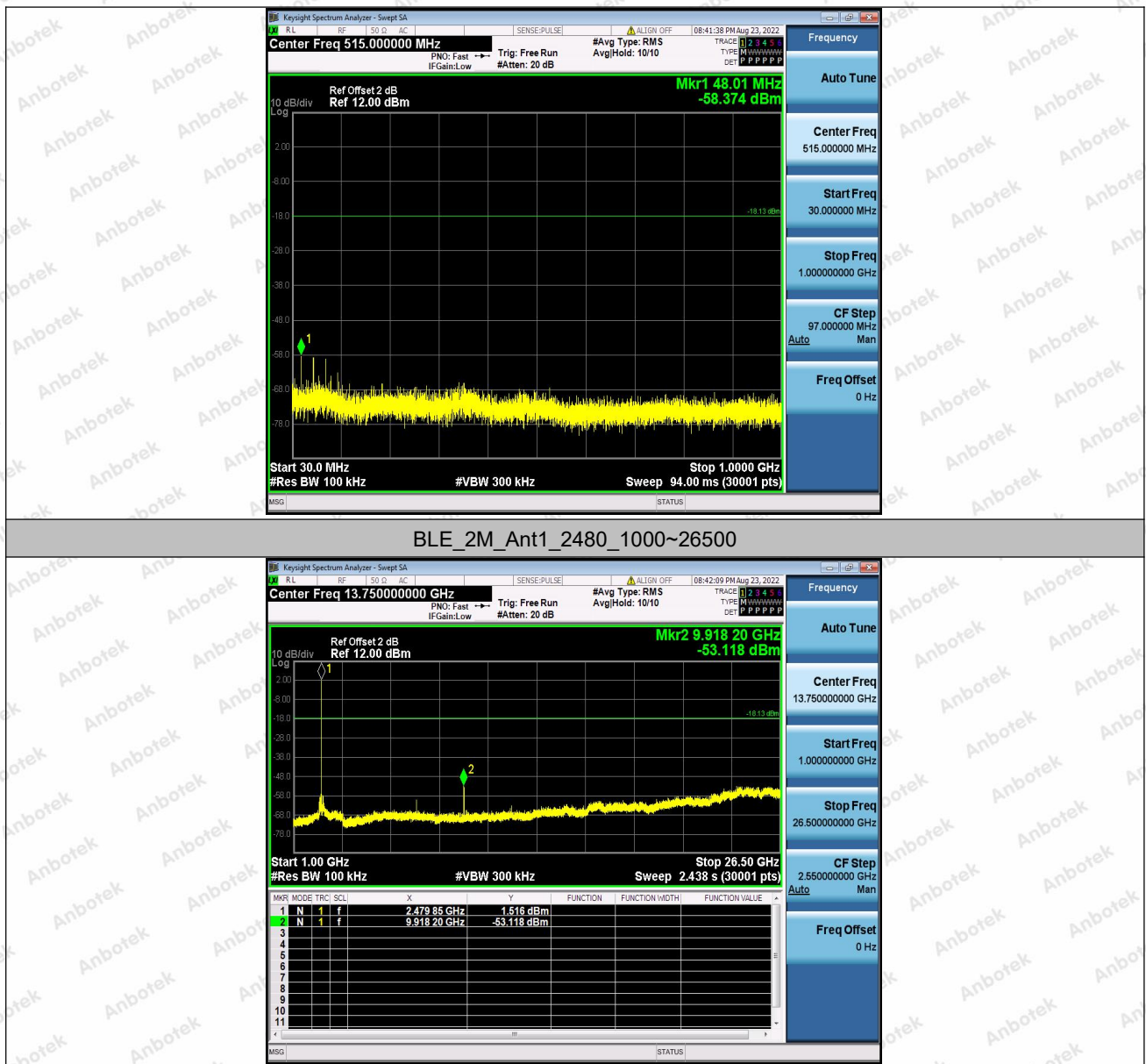


BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000





Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2440	10.13	10.13	100	0
BLE_2M	Ant1	2440	10.13	10.13	100	0



Test Graphs



----- End of Report -----

