

Appendix A: 6dB Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_BT4.0	Ant1	2402	0.696	2401.680	2402.376	$\cong 0.5$	PASS
		2440	0.688	2439.672	2440.360	$\cong 0.5$	PASS
		2480	0.684	2479.668	2480.352	$\cong 0.5$	PASS

Test Graphs





Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_BT4.0	Ant1	2402	1.0388	2401.499	2402.538	---	PASS
		2440	1.0237	2439.510	2440.534	---	PASS
		2480	1.0301	2479.503	2480.533	---	PASS

Test Graphs





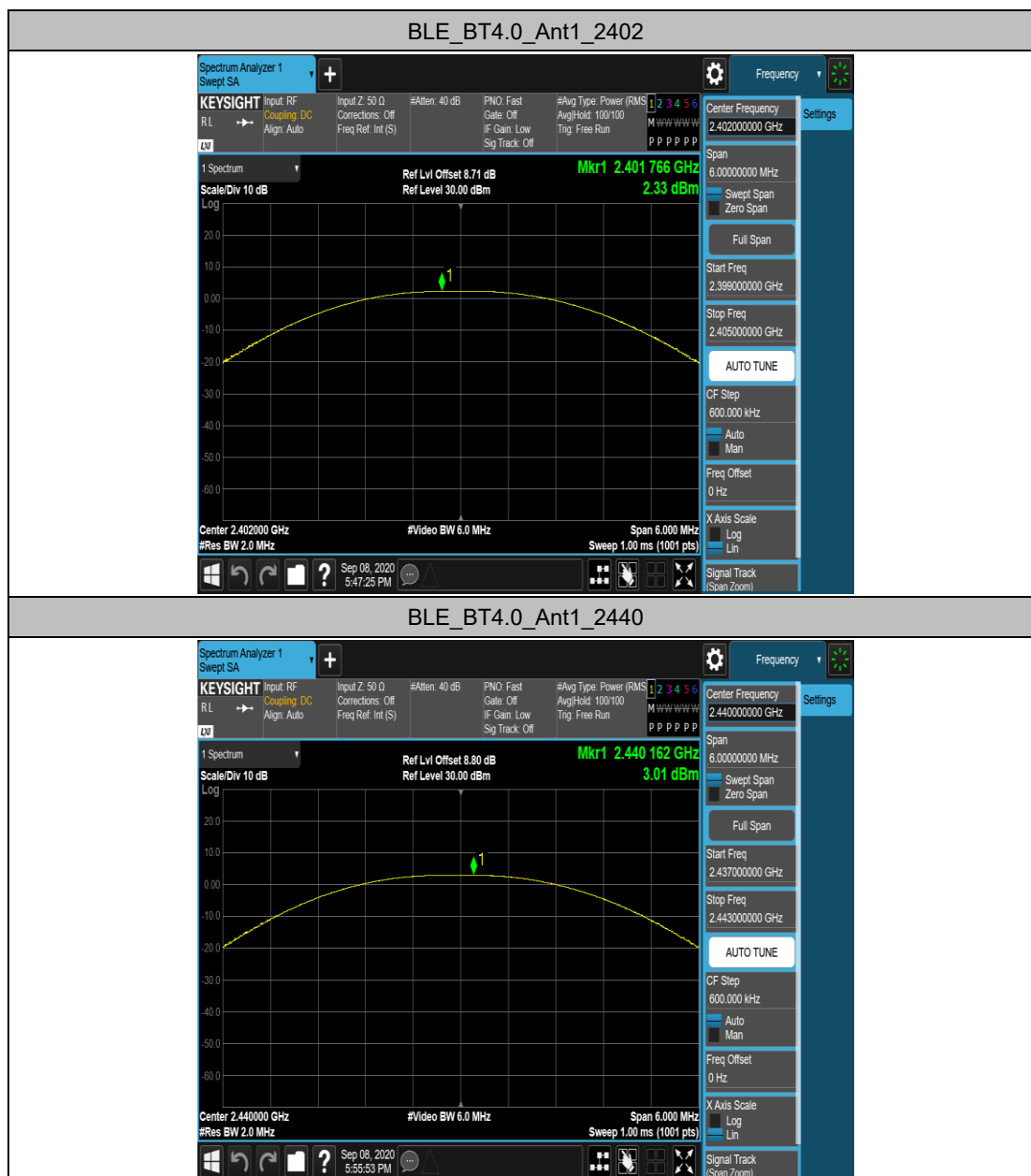
Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_BT4.0	Ant1	2402	2.33	≦ 30	PASS
		2440	3.01	≦ 30	PASS
		2480	3.52	≦ 30	PASS

TestMode	Antenna	Channel	e.i.r.p Result[dBm]	e.i.r.p Limit[dBm]	Verdict
BLE_BT4.0	Ant1	2402	-0.67	≦ 36	PASS
		2440	0.01	≦ 36	PASS
		2480	0.52	≦ 36	PASS

Test Graphs



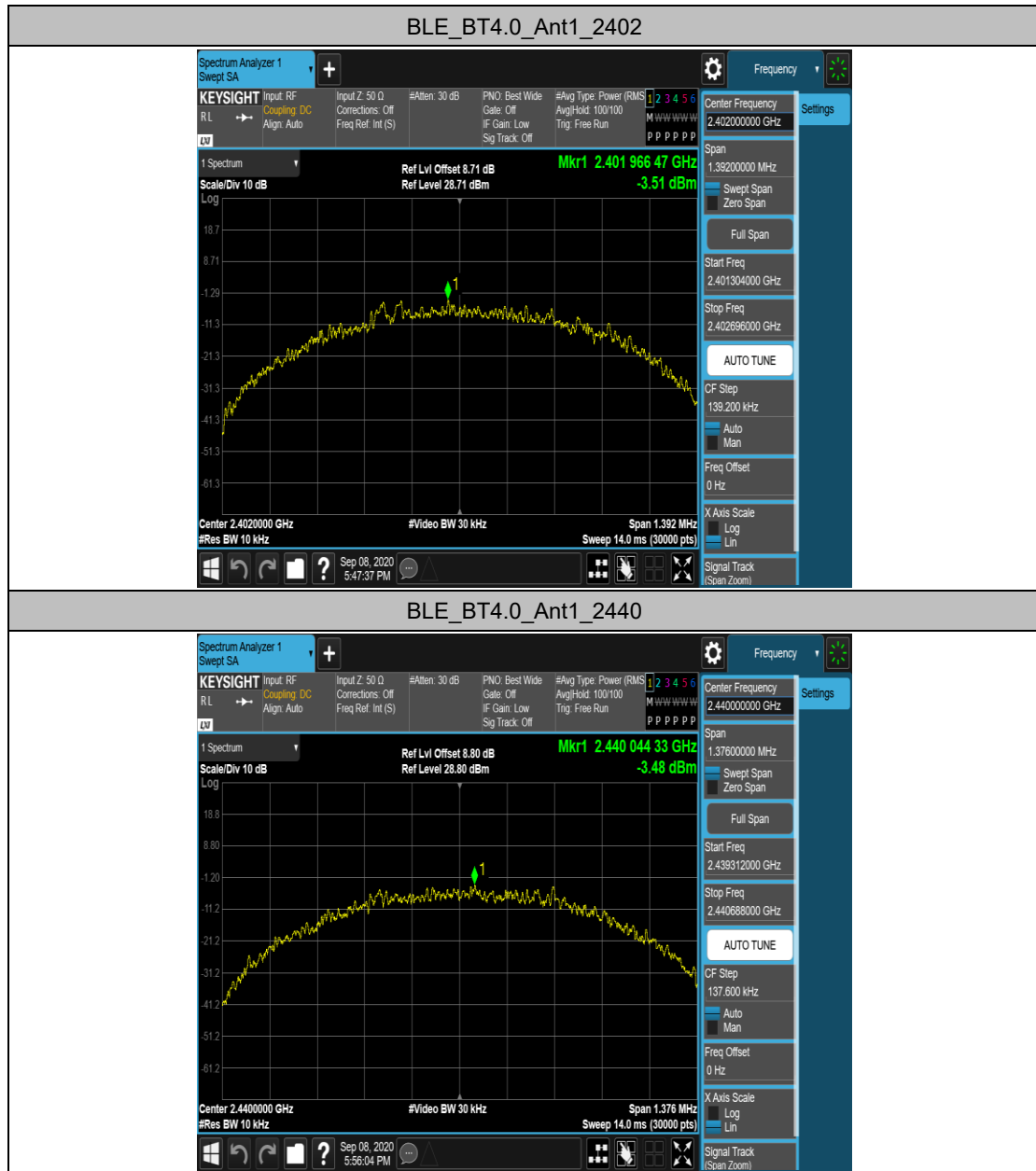


Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_BT4.0	Ant1	2402	-3.51	≦ 8	PASS
		2440	-3.48	≦ 8	PASS
		2480	-2.51	≦ 8	PASS

Test Graphs



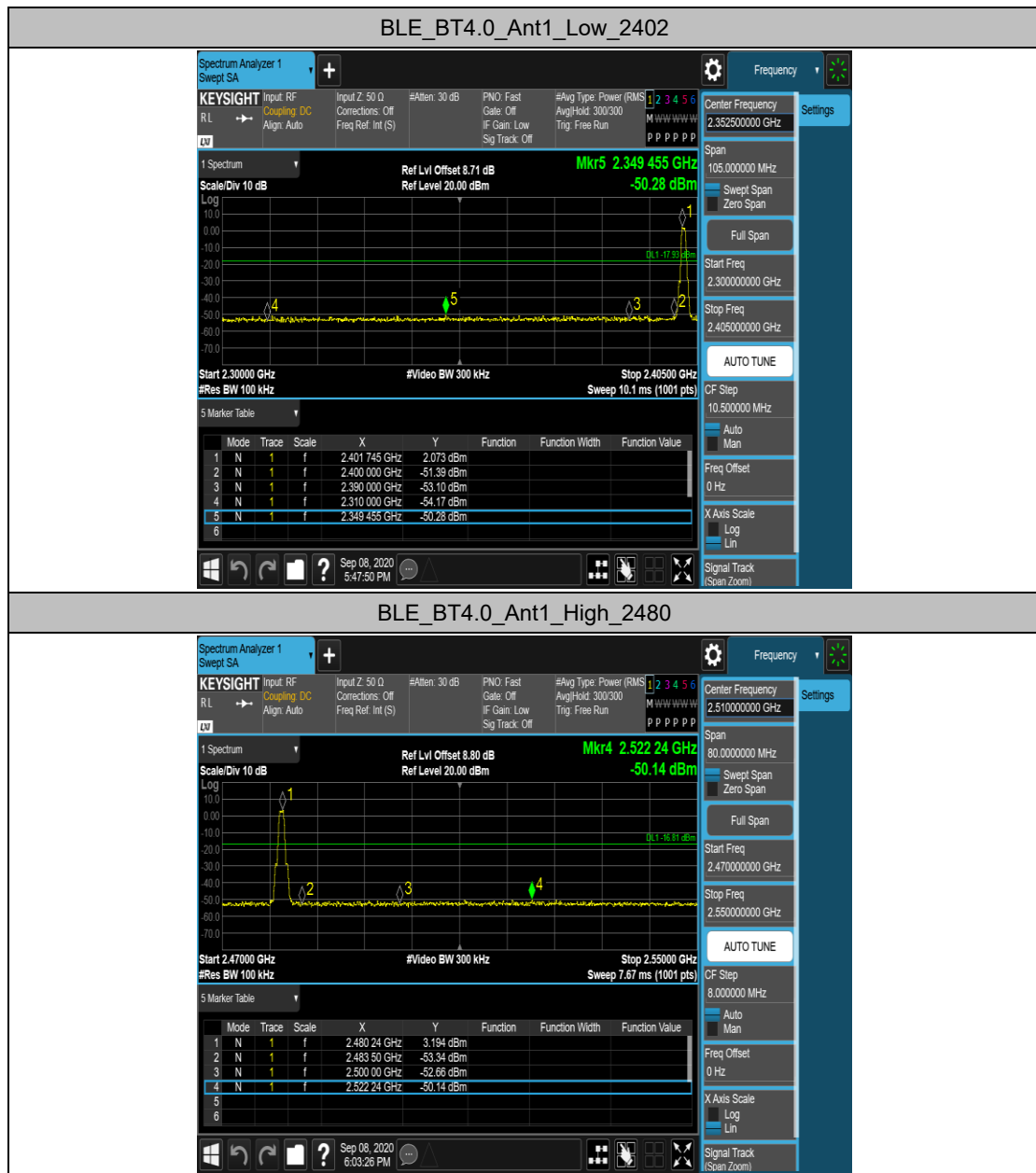


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_BT4.0	Ant1	Low	2402	2.07	-50.28	≤ -17.93	PASS
		High	2480	3.19	-50.14	≤ -16.81	PASS

Test Graphs

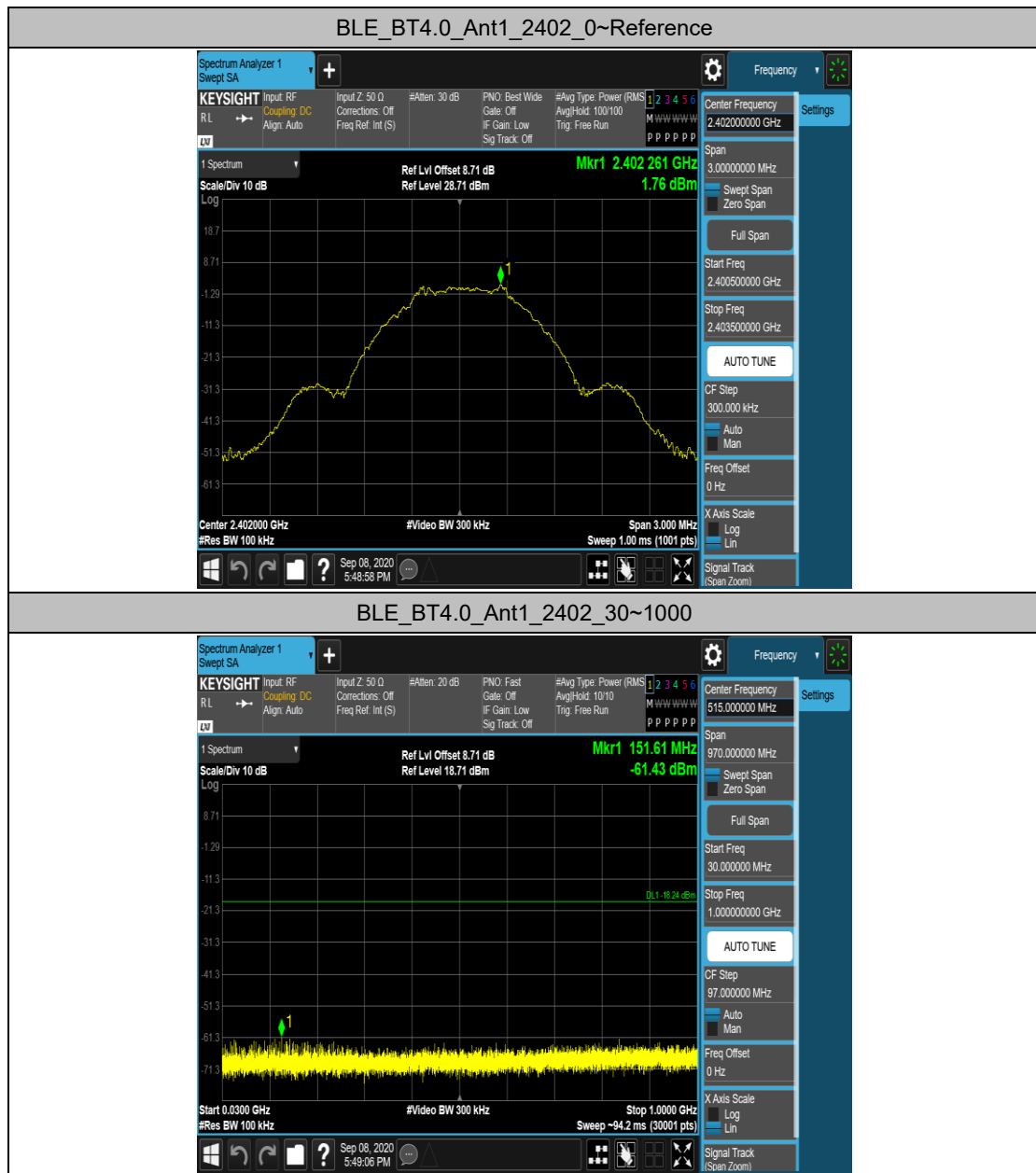


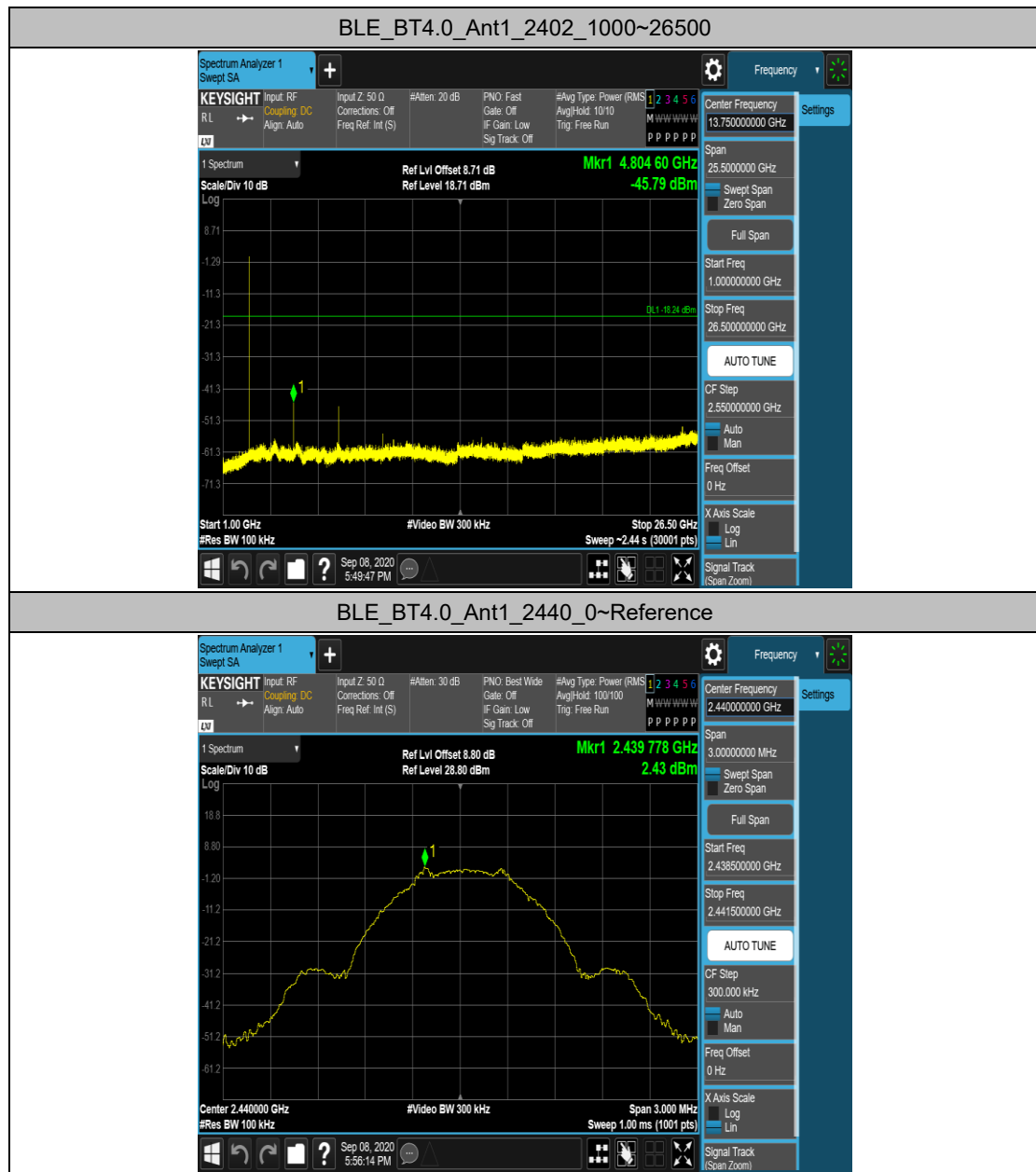
Appendix F: Conducted Spurious Emission

Test Result

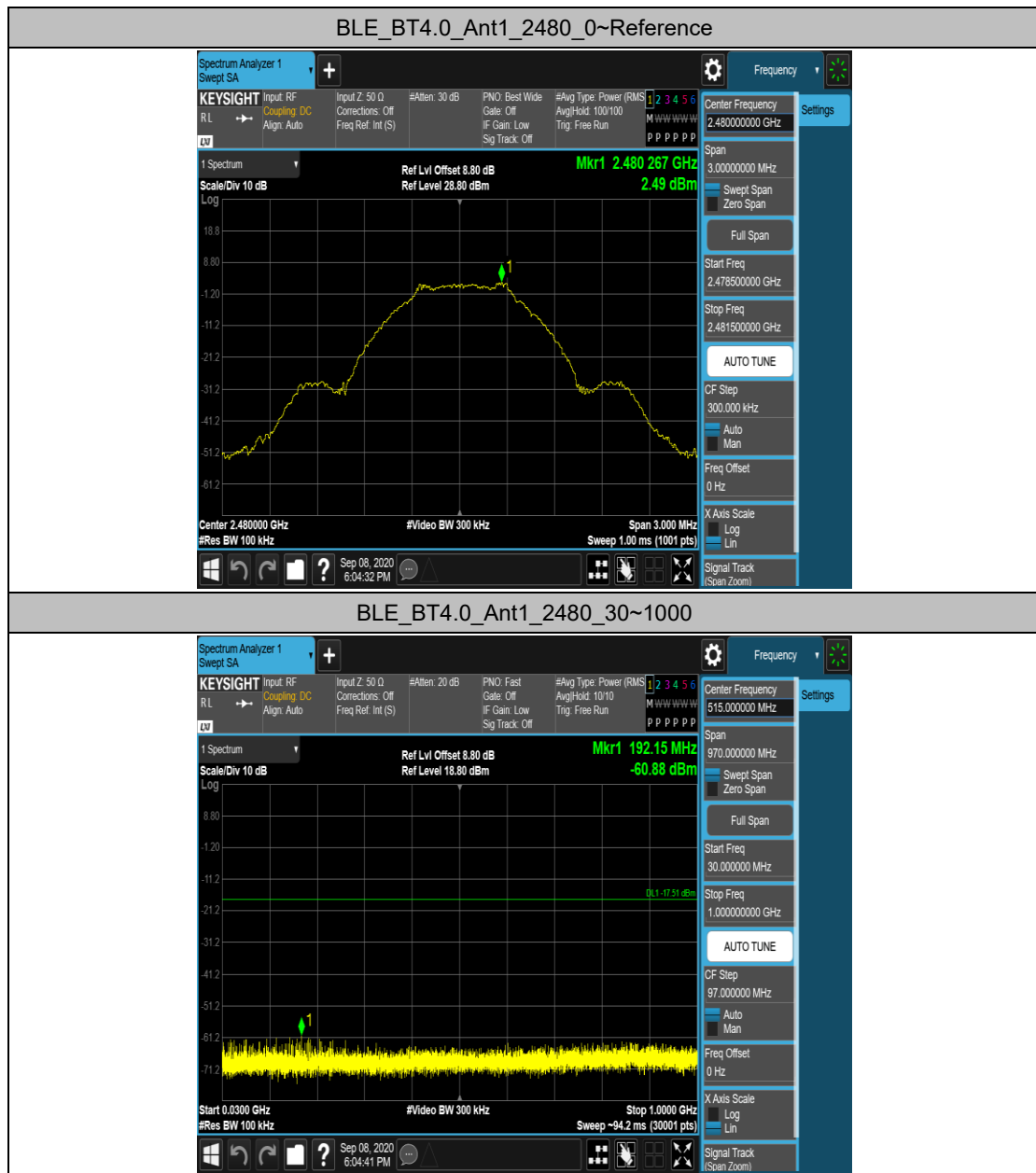
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_BT4.0	Ant1	2402	Reference	1.76	1.76	---	PASS
			30~1000	---	-61.435	≦ -18.237	PASS
			1000~26500	---	-45.787	≦ -18.237	PASS
		2440	Reference	2.43	2.43	---	PASS
			30~1000	---	-60.771	≦ -17.568	PASS
			1000~26500	---	-44.398	≦ -17.568	PASS
		2480	Reference	2.49	2.49	---	PASS
			30~1000	---	-60.883	≦ -17.511	PASS
			1000~26500	---	-42.99	≦ -17.511	PASS

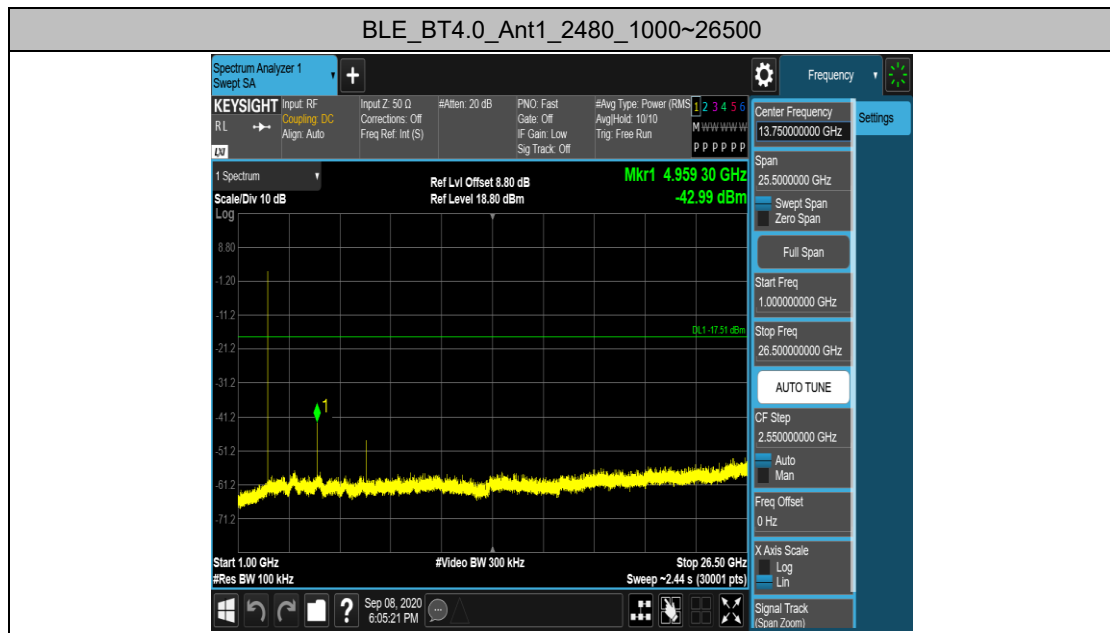
Test Graphs











Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_BT4.0	Ant1	2402	50.00	50.00	100.00
		2440	50.00	50.00	100.00
		2480	50.00	50.00	100.00

Appendix I: Frequency Stability

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_BT4.0	Ant1	2402	1.0388	2401.499	2402.538	±80% of Permitted operating frequency	PASS
		2440	1.0237	2439.510	2440.534		PASS
		2480	1.0301	2479.503	2480.533		PASS

Test Graphs

