



Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_BT4.2	Ant1	2402	0.716	2401.640	2402.356	---	PASS
		2440	0.720	2439.644	2440.364	---	PASS
		2480	0.696	2479.652	2480.348	---	PASS



Test Graphs

BLE_BT4.2_Ant1_2402



BLE_BT4.2_Ant1_2440



BLE_BT4.2_Ant1_2480





Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_BT4.2	Ant1	2402	1.0500	2401.486	2402.536	---	PASS
		2440	1.0306	2439.500	2440.530	---	PASS
		2480	1.0502	2479.488	2480.538	---	PASS



Test Graphs

BLE_BT4.2_Ant1_2402



BLE_BT4.2_Ant1_2440



BLE_BT4.2_Ant1_2480





Appendix C: Duty Cycle

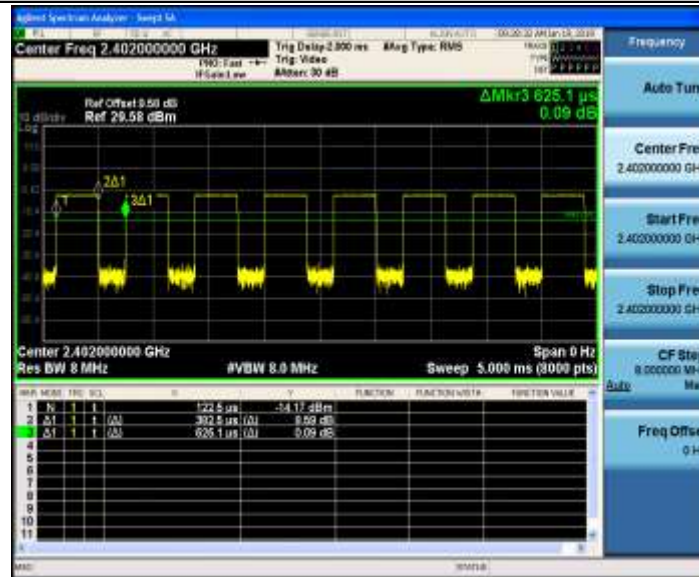
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_BT4.2	Ant1	2402	0.38	0.63	61.20
		2440	0.38	0.63	61.20
		2480	0.38	0.63	61.20

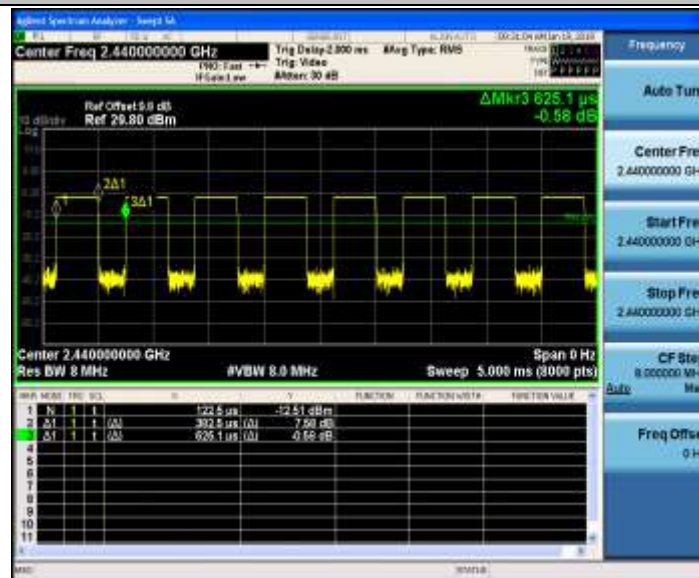


Test Graphs

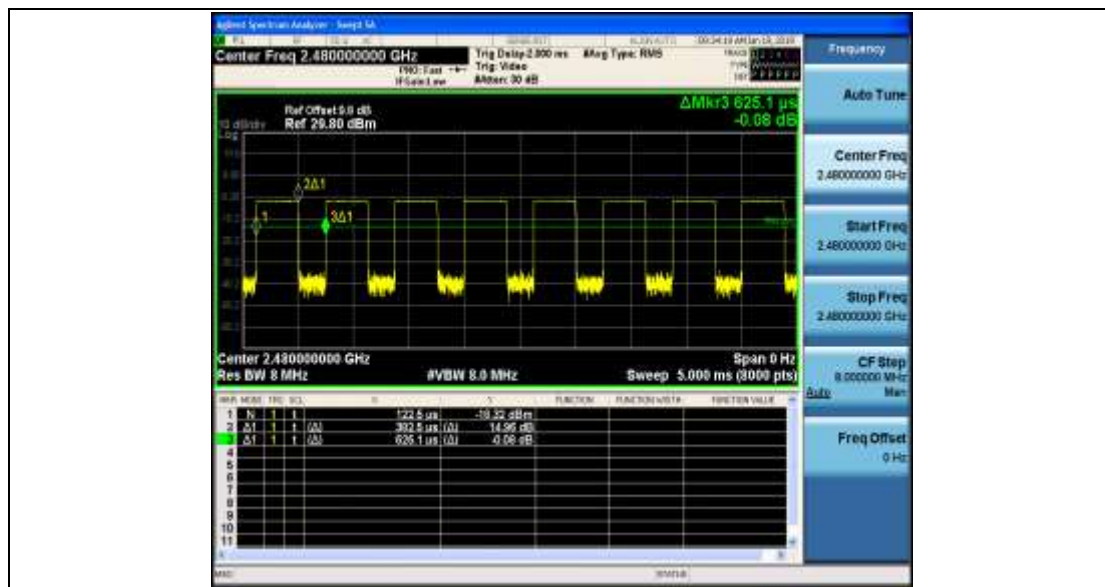
BLE_BT4.2_Ant1_2402



BLE_BT4.2_Ant1_2440



BLE_BT4.2_Ant1_2480





Appendix D: Maximum peak conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_BT4.2	Ant1	2402	-2.49	30	PASS
		2440	-1.79	30	PASS
		2480	-1.75	30	PASS



Test Graphs

BLE_BT4.2_Ant1_2402



BLE_BT4.2_Ant1_2440



BLE_BT4.2_Ant1_2480





Appendix E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/10kHz]	Limit[dBm/3kHz]	Verdict
BLE_BT4.2	Ant1	2402	-14.81	8	PASS
		2440	-12.12	8	PASS
		2480	-12.02	8	PASS



Test Graphs

BLE_BT4.2_Ant1_2402



BLE_BT4.2_Ant1_2440



BLE_BT4.2_Ant1_2480



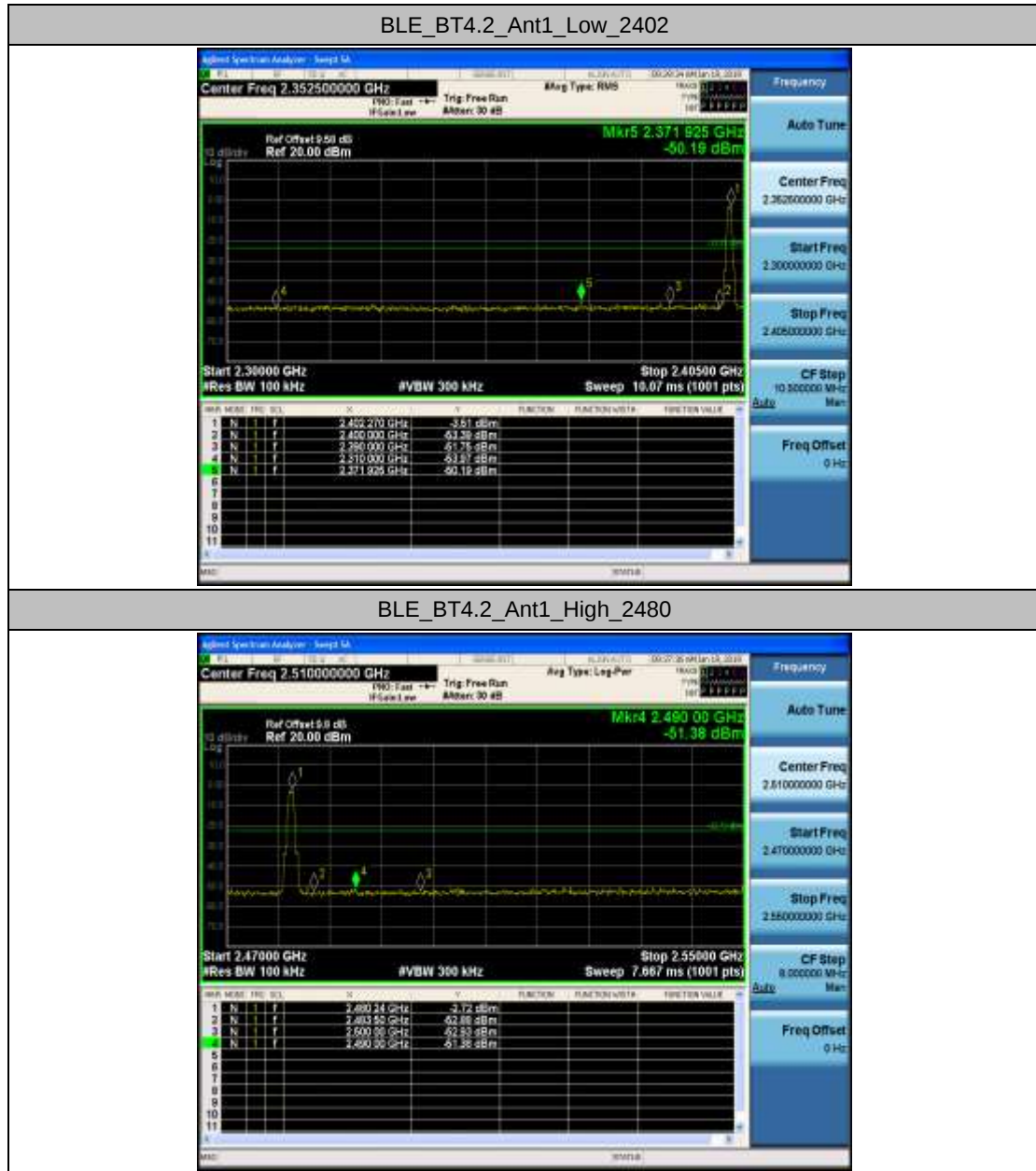


Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_BT4.2	Ant1	Low	2402	-3.51	-50.2	-23.51	PASS
		High	2480	-2.72	-51.38	-22.72	PASS

Test Graphs





Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_BT4.2	Ant1	2402	Reference	-3.66	-3.66	---	PASS
			0.009~30	0.009~30	-71.2	-43.66	PASS
			30~1000	30~1000	-62.83	-33.66	PASS
			1000~2650 0	1000~2650 0	-40.42	-33.66	PASS
		2440	Reference	-2.99	-2.99	---	PASS
			0.009~30	0.009~30	-72.74	-42.99	PASS
			30~1000	30~1000	-63.3	-32.99	PASS
			1000~2650 0	1000~2650 0	-40.12	-32.99	PASS
		2480	Reference	-2.93	-2.93	---	PASS
			0.009~30	0.009~30	-73.01	-42.93	PASS
			30~1000	30~1000	-62.66	-32.93	PASS
			1000~2650 0	1000~2650 0	-39.9	-32.93	PASS

Test Graphs

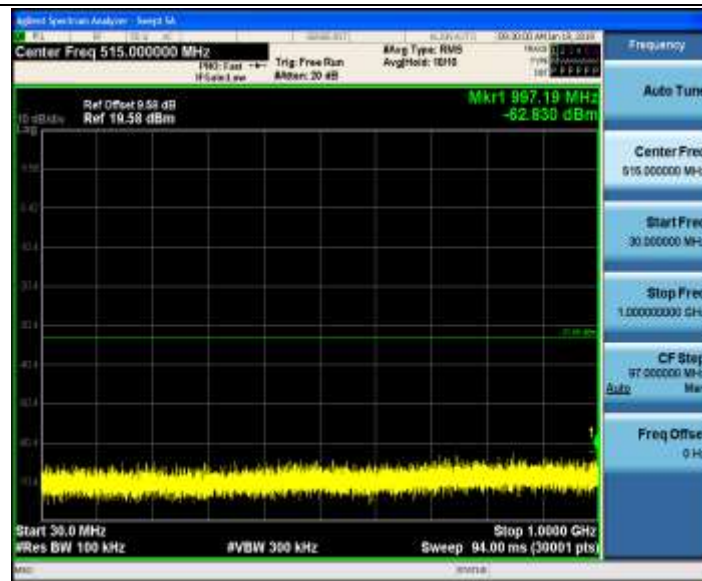
BLE_BT4.2_Ant1_2402_0~Reference



BLE_BT4.2_Ant1_2402_0.009~30



BLE_BT4.2_Ant1_2402_30~1000



BLE_BT4.2_Ant1_2402_1000~26500



BLE_BT4.2_Ant1_2440_0~Reference



BLE_BT4.2_Ant1_2440_0.009~30



BLE_BT4.2_Ant1_2440_30~1000



BLE_BT4.2_Ant1_2440_1000~26500



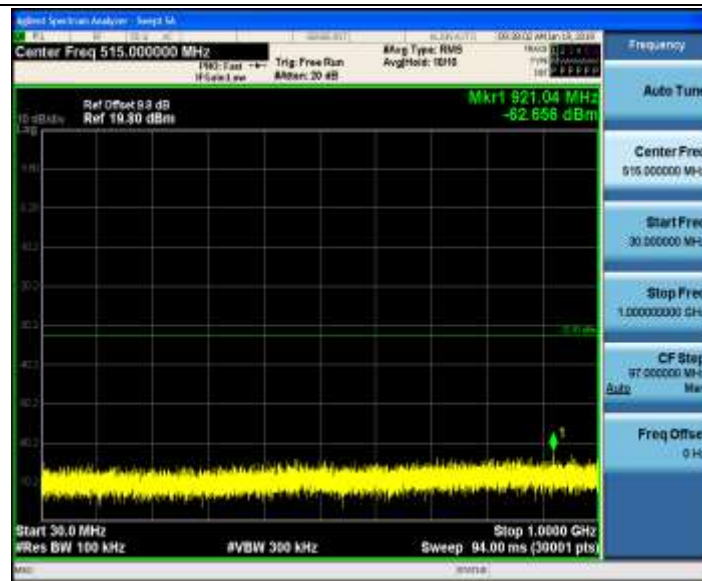
BLE_BT4.2_Ant1_2480_0~Reference



BLE_BT4.2_Ant1_2480_0.009~30



BLE_BT4.2_Ant1_2480_30~1000



BLE_BT4.2_Ant1_2480_1000~26500



END