



Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_BT4.0	Ant1	2402	0.700	2401.652	2402.352	---	PASS
		2440	0.716	2439.640	2440.356	---	PASS
		2480	0.716	2479.636	2480.352	---	PASS



Test Graphs

BLE_BT4.0_Ant1_2402



BLE_BT4.0_Ant1_2440



BLE_BT4.0_Ant1_2480





Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_BT4.0	Ant1	2402	1.0334	2401.492	2402.525	---	PASS
		2440	1.0395	2439.490	2440.529	---	PASS
		2480	1.0397	2479.488	2480.528	---	PASS



Test Graphs

BLE_BT4.0_Ant1_2402



BLE_BT4.0_Ant1_2440



BLE_BT4.0_Ant1_2480





Appendix C: Duty Cycle

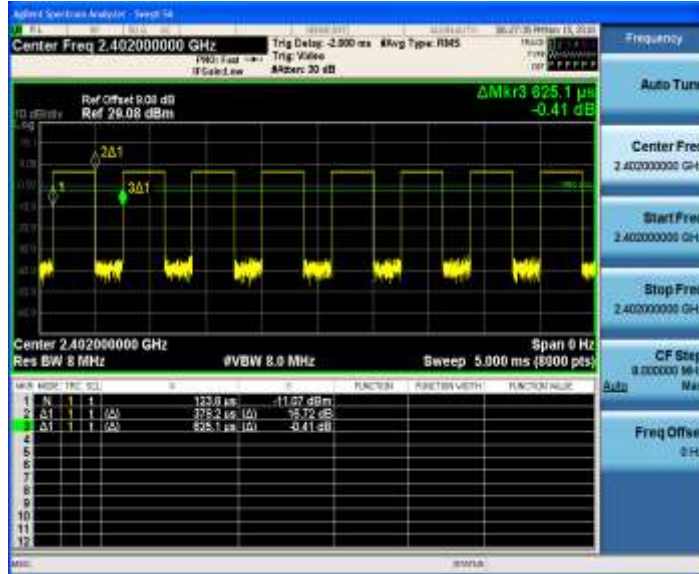
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_BT4.0	Ant1	2402	0.38	0.63	60.50
		2440	0.38	0.63	60.50
		2480	0.38	0.63	60.40

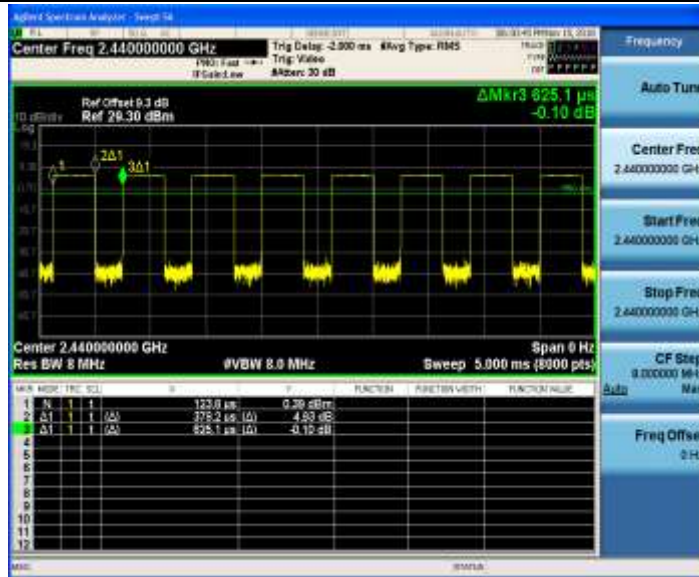


Test Graphs

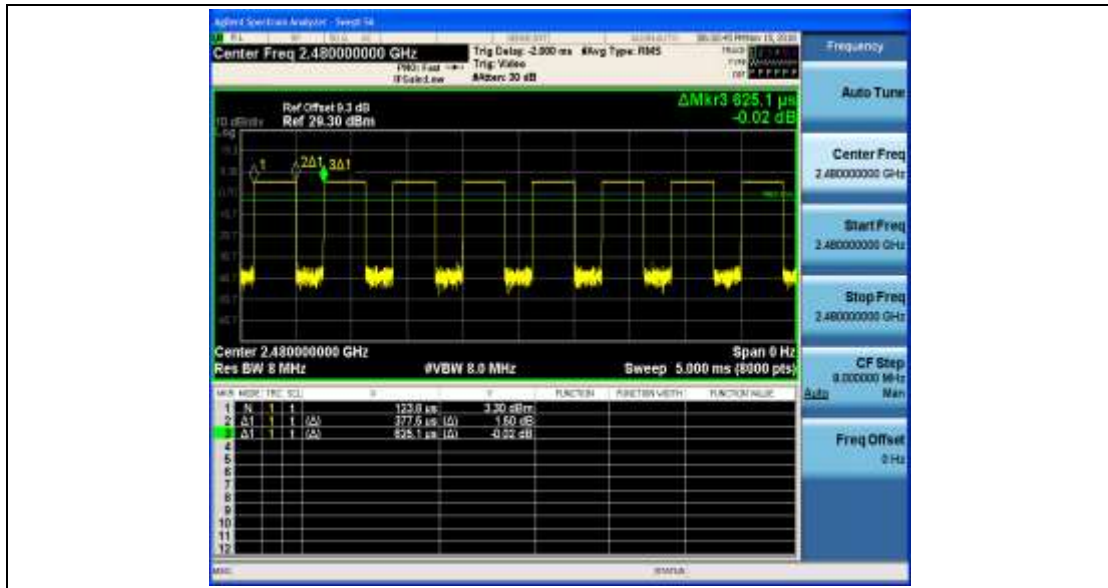
BLE_BT4.0_Ant1_2402



BLE_BT4.0_Ant1_2440



BLE_BT4.0_Ant1_2480





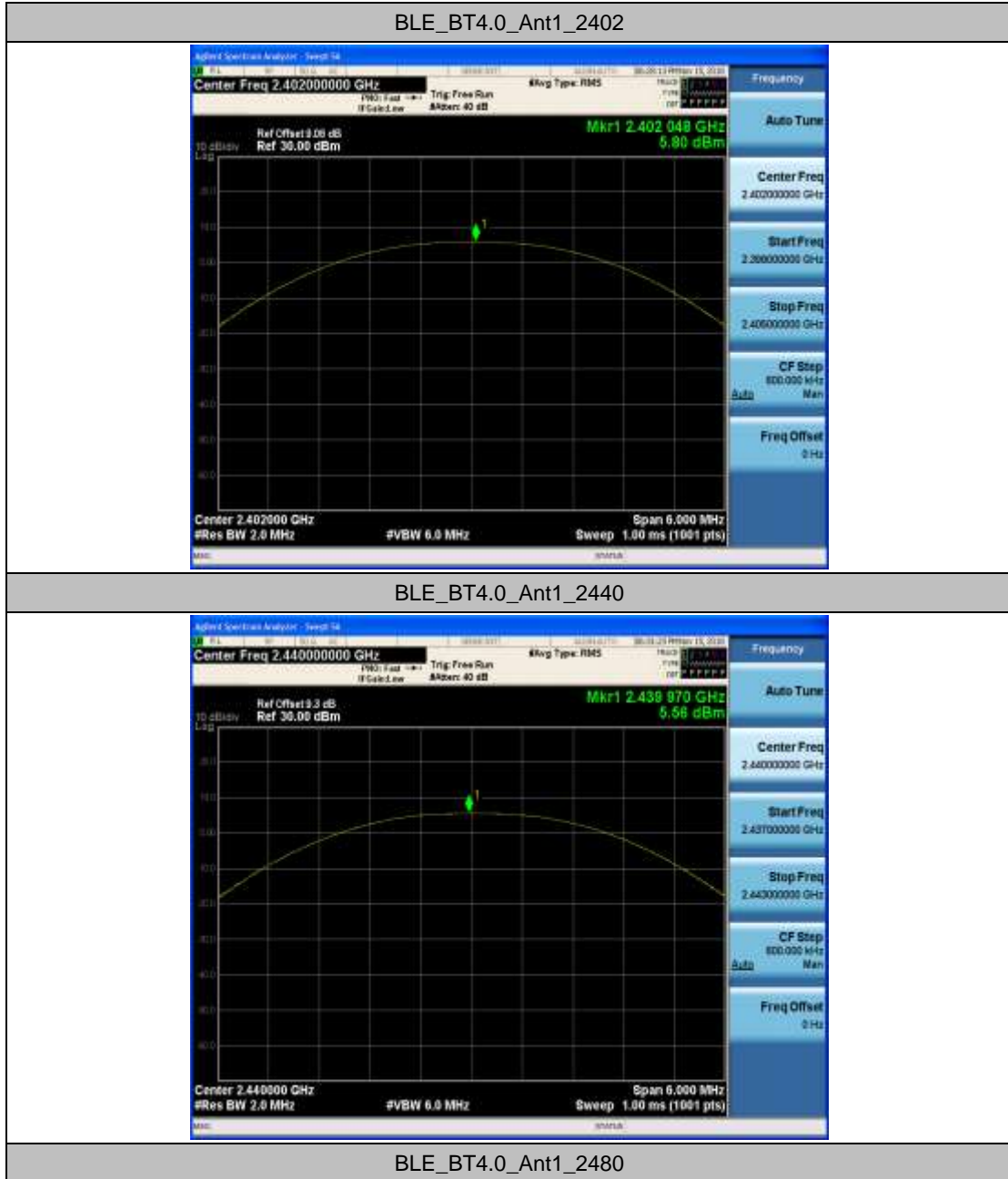
Appendix D: Maximum conducted Peak output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_BT4.0	Ant1	2402	5.8	30	PASS
		2440	5.56	30	PASS
		2480	4.96	30	PASS



Test Graphs







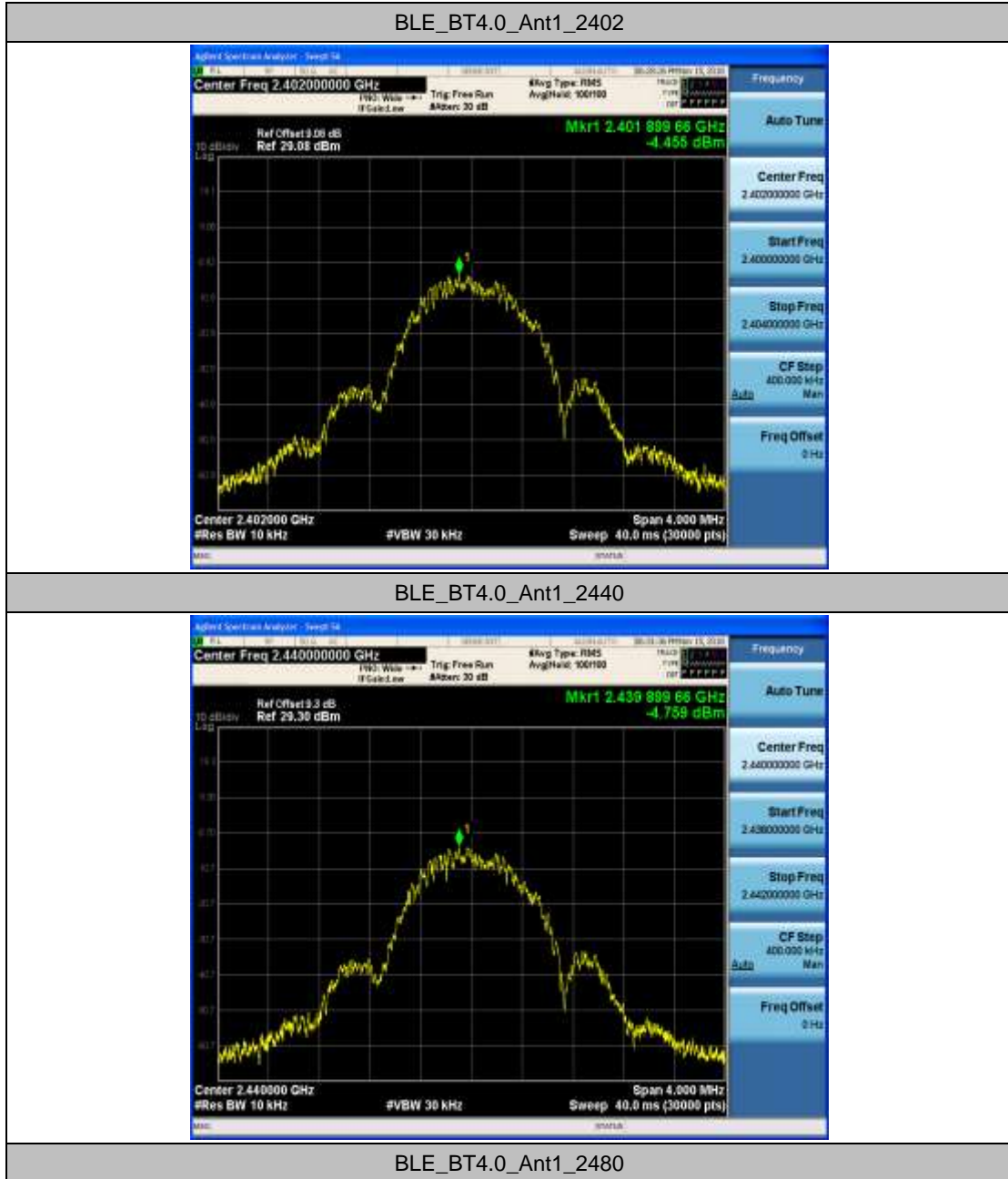
Appendix E: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/10kHz]	Limit[dBm/3kHz]	Verdict
BLE_BT4.0	Ant1	2402	-4.46	8	PASS
		2440	-4.76	8	PASS
		2480	-5.34	8	PASS



Test Graphs







Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_BT4.0	Ant1	Low	2402	4.86	-50.78	-15.14	PASS
		High	2480	4.05	-51.71	-15.95	PASS

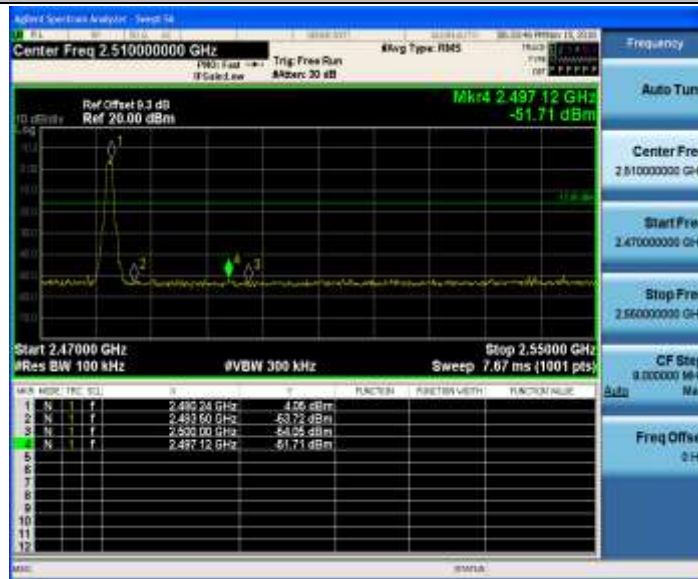


Test Graphs

BLE_BT4.0_Ant1_Low_2402



BLE_BT4.0_Ant1_High_2480





Appendix G: Unwanted Emissions into Non-Restricted Frequency Bands

Test Result

TestMode	Antenna	Channel	FreqRange	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_BT4.0	Ant1	2402	Reference	4.86	4.86	---	PASS
			0.009~30	0.009~30	-73.27	-35.14	PASS
			30~1000	30~1000	-63.62	-25.14	PASS
			1000~26500	1000~26500	-37.28	-25.14	PASS
		2440	Reference	4.57	4.57	---	PASS
			0.009~30	0.009~30	-75.1	-35.43	PASS
			30~1000	30~1000	-62.24	-25.43	PASS
			1000~26500	1000~26500	-37.44	-25.43	PASS
		2480	Reference	3.92	3.92	---	PASS
			0.009~30	0.009~30	-74.58	-36.08	PASS
			30~1000	30~1000	-63.58	-26.08	PASS
			1000~26500	1000~26500	-36.96	-26.08	PASS



Test Graphs

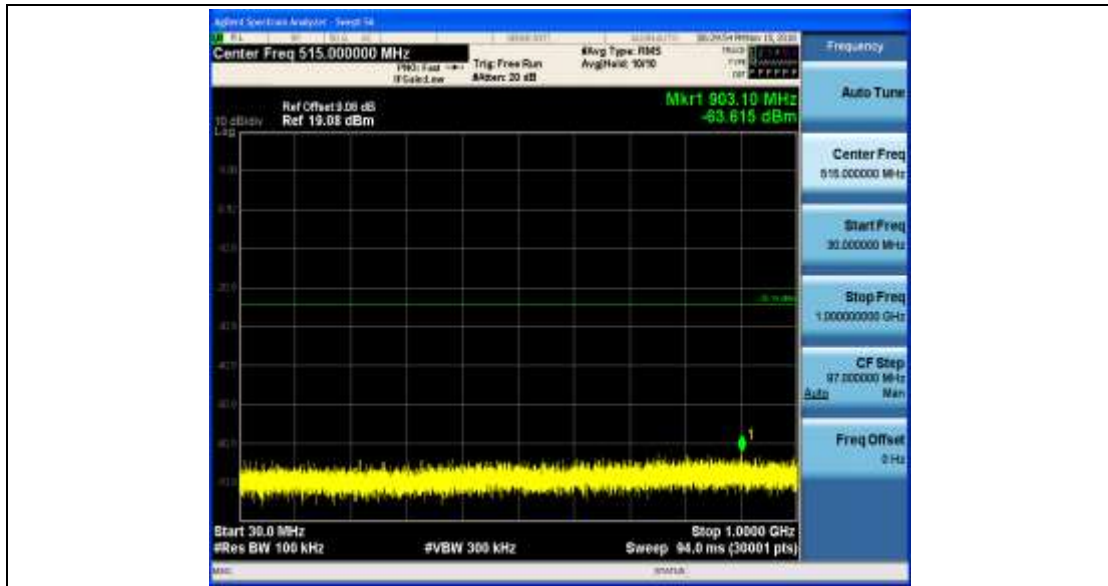
BLE_BT4.0_Ant1_2402_0~Reference



BLE_BT4.0_Ant1_2402_0.009~30



BLE_BT4.0_Ant1_2402_30~1000



BLE_BT4.0_Ant1_2402_1000~26500



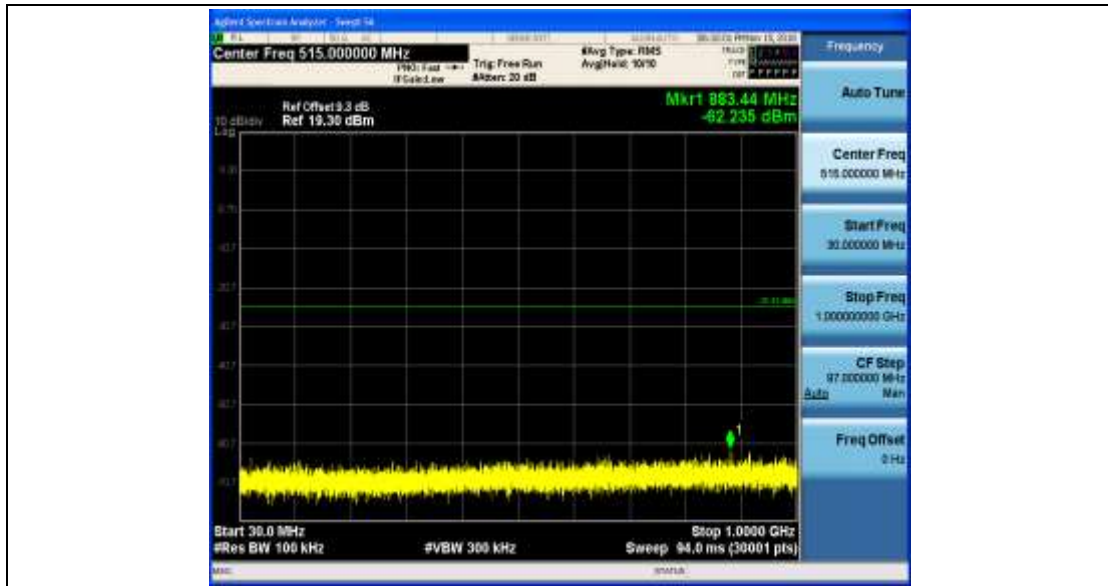
BLE_BT4.0_Ant1_2440_0~Reference



BLE_BT4.0_Ant1_2440_0.009~30



BLE_BT4.0_Ant1_2440_30~1000



BLE_BT4.0_Ant1_2440_1000~26500



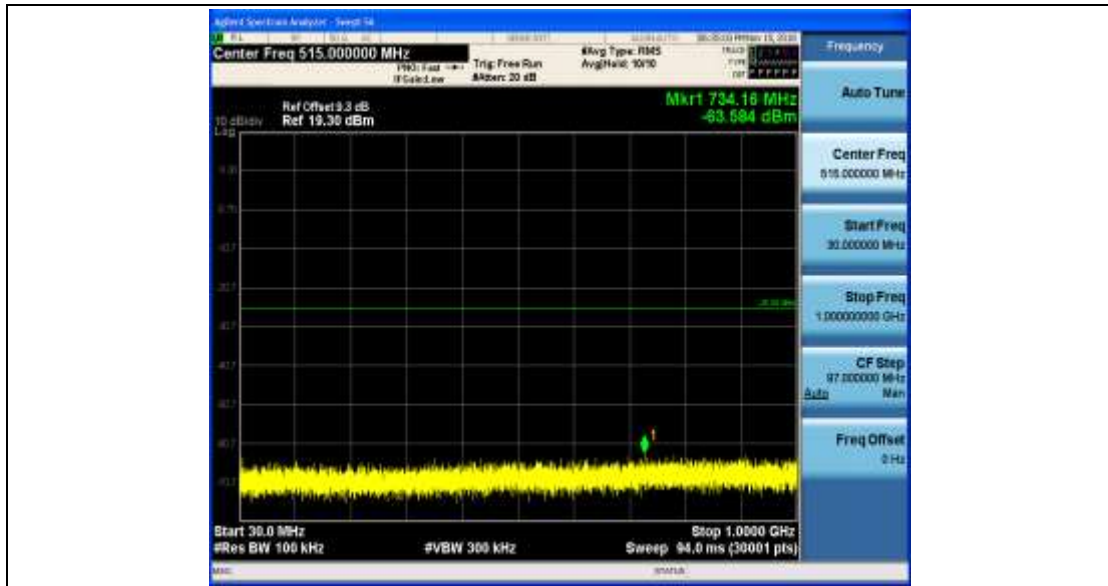
BLE_BT4.0_Ant1_2480_0~Reference



BLE_BT4.0_Ant1_2480_0.009~30



BLE_BT4.0_Ant1_2480_30~1000



BLE_BT4.0_Ant1_2480_1000~26500



END