

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.692	2401.652	2402.344	0.5	PASS
		2440	0.704	2439.648	2440.352	0.5	PASS
		2480	0.712	2479.644	2480.356	0.5	PASS
BLE_2M	Ant1	2402	1.164	2401.420	2402.584	0.5	PASS
		2440	1.236	2439.348	2440.584	0.5	PASS
		2480	1.228	2479.360	2480.588	0.5	PASS

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

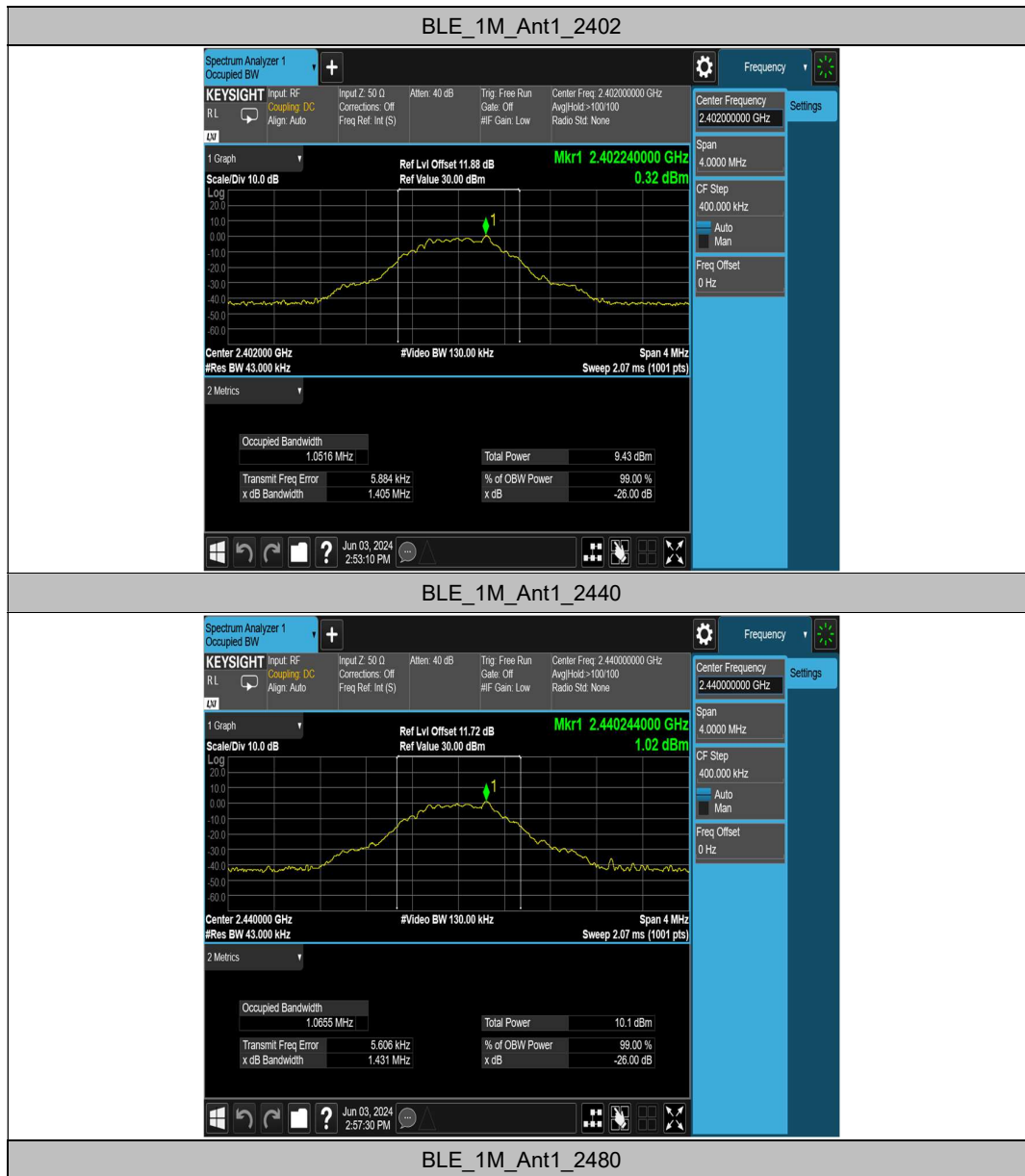


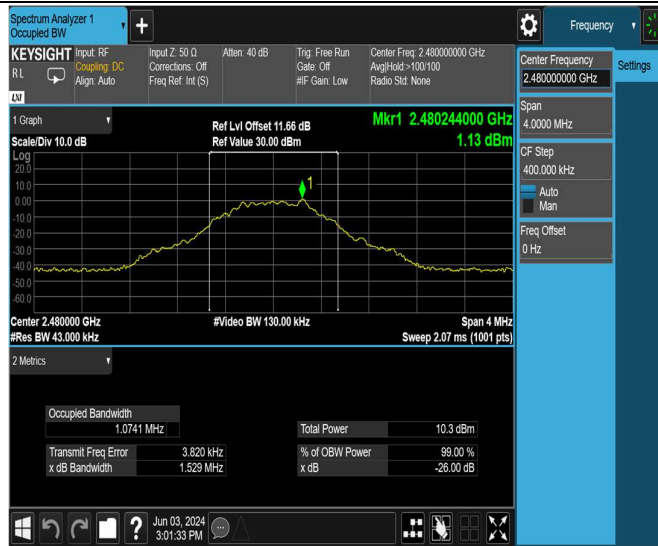
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0516	2401.4799	2402.5318	---	---
		2440	1.0655	2439.4740	2440.5352	---	---
		2480	1.0741	2479.4674	2480.5407	---	---
BLE_2M	Ant1	2402	2.0770	2400.9802	2403.0596	---	---
		2440	2.0757	2438.9805	2441.0575	---	---
		2480	2.0759	2478.9790	2481.0542	---	---

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

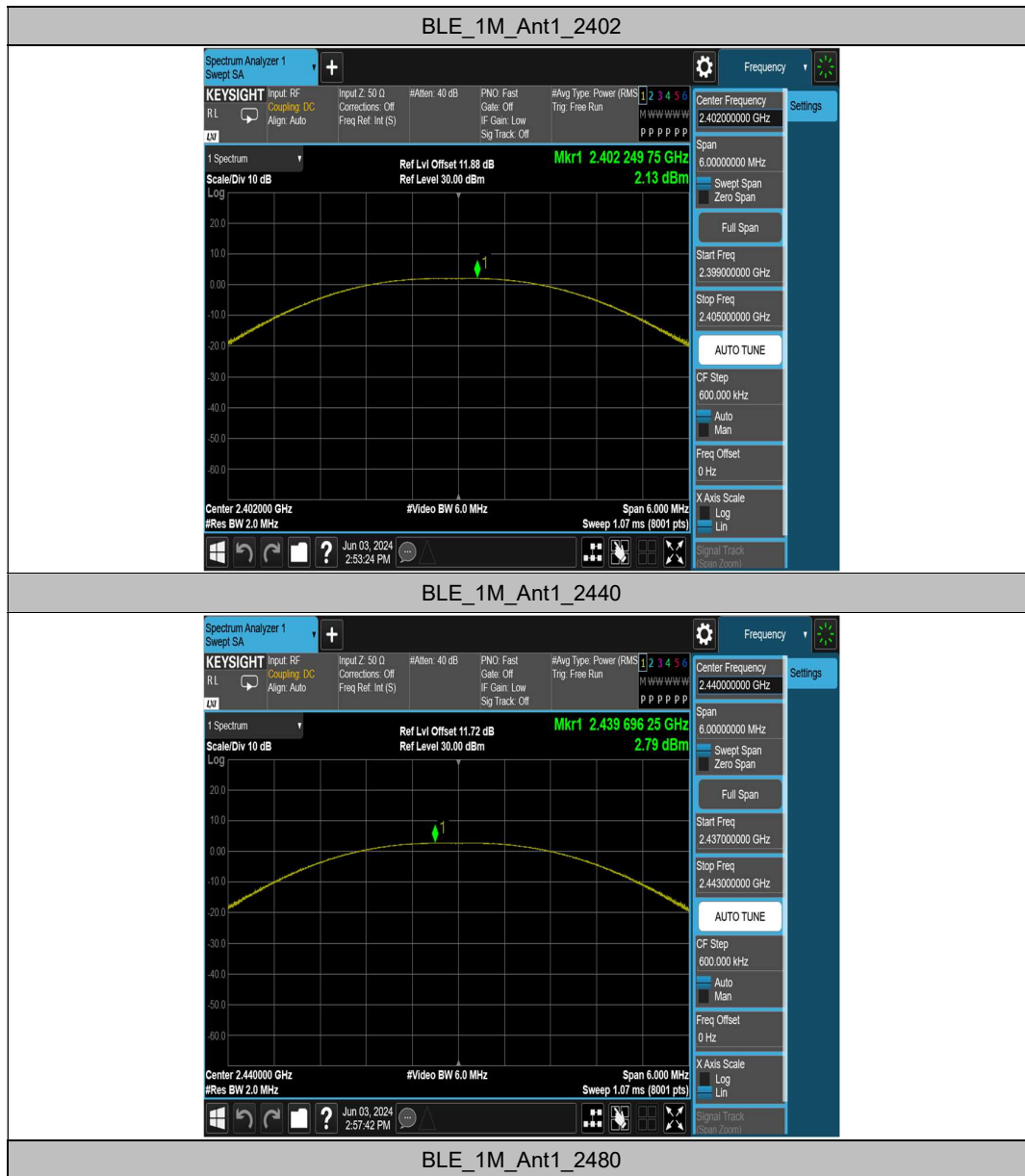


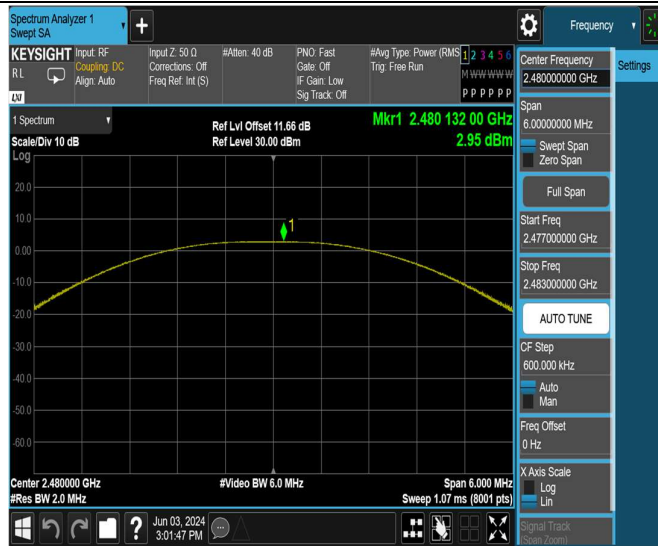
Appendix C: Maximum conducted output power

Test Result Peak

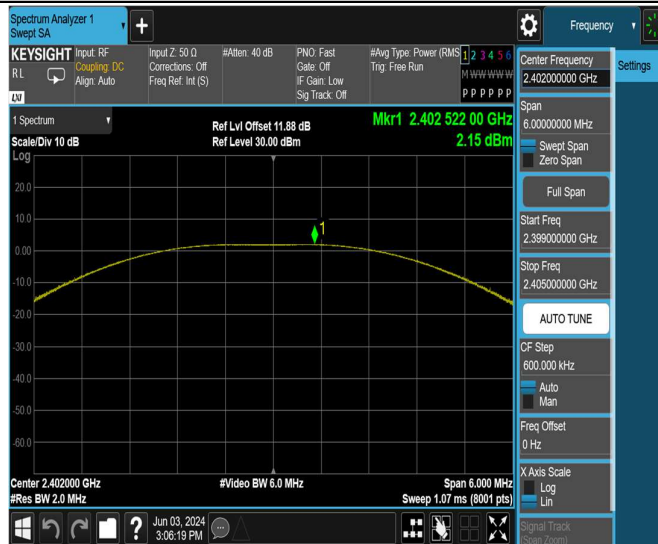
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.13	≤30	3.33	≤36	PASS
		2440	2.79	≤30	3.99	≤36	PASS
		2480	2.95	≤30	4.15	≤36	PASS
BLE_2M	Ant1	2402	2.15	≤30	3.35	≤36	PASS
		2440	2.86	≤30	4.06	≤36	PASS
		2480	3.02	≤30	4.22	≤36	PASS

Test Graphs Peak





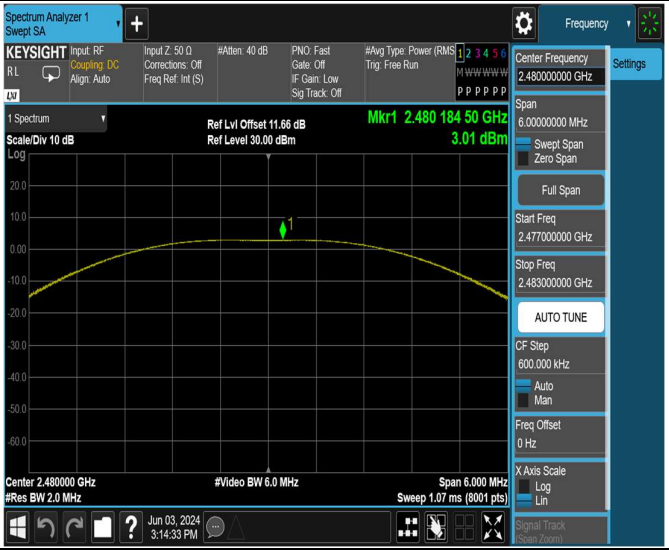
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

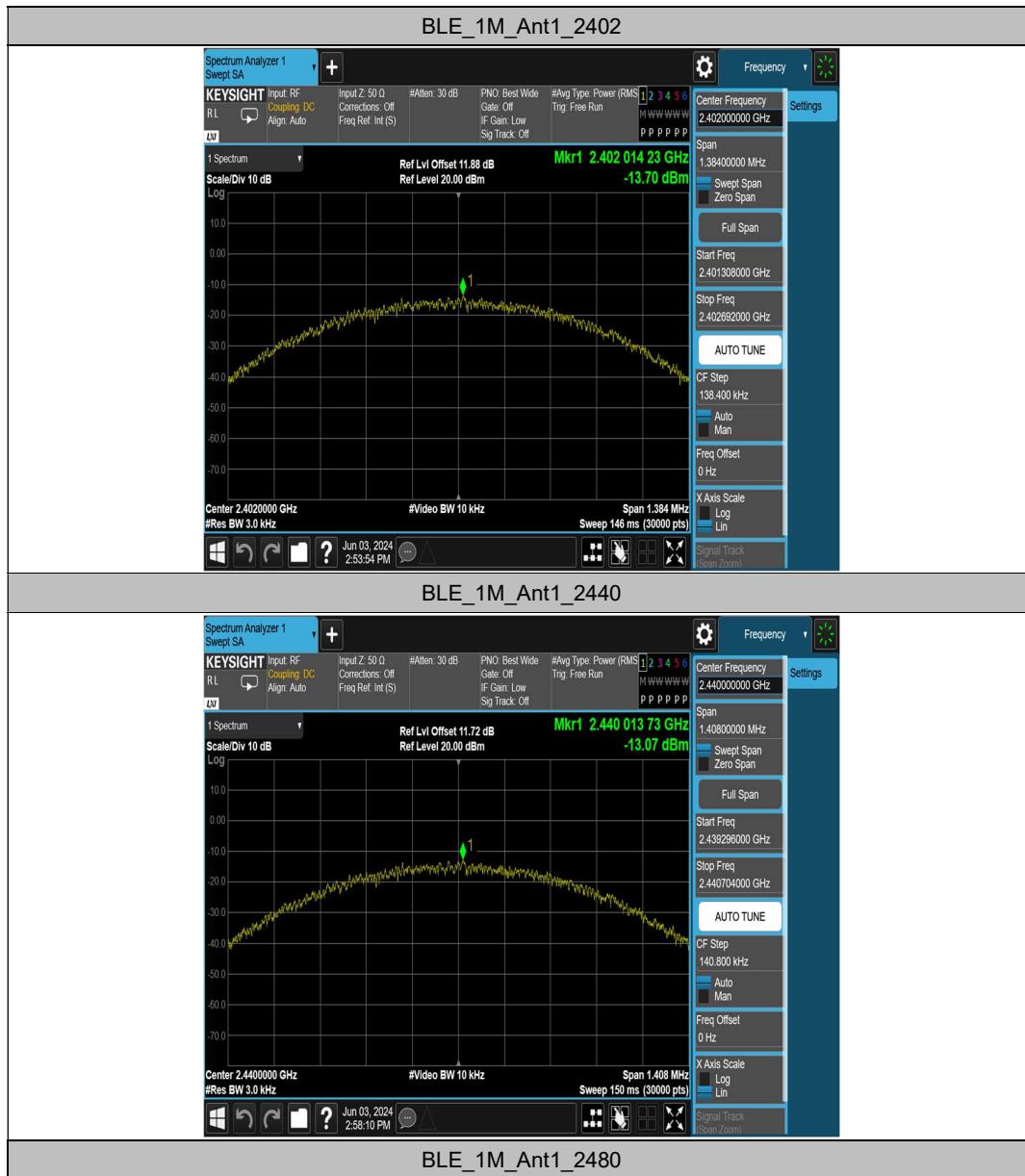


Appendix D: Maximum power spectral density

Test Result

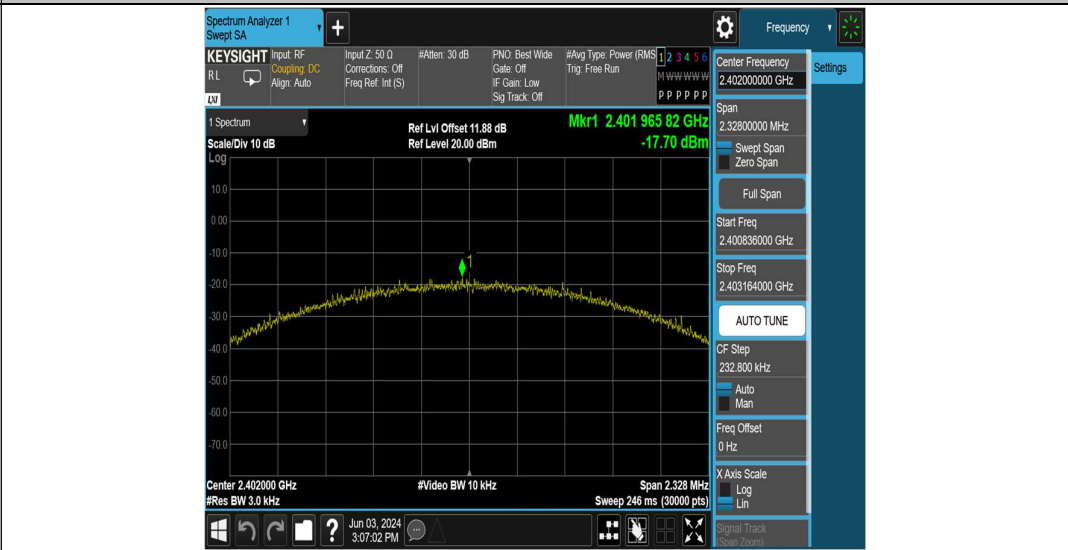
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.70	≤8.00	PASS
		2440	-13.07	≤8.00	PASS
		2480	-12.76	≤8.00	PASS
BLE_2M	Ant1	2402	-17.70	≤8.00	PASS
		2440	-16.91	≤8.00	PASS
		2480	-16.54	≤8.00	PASS

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



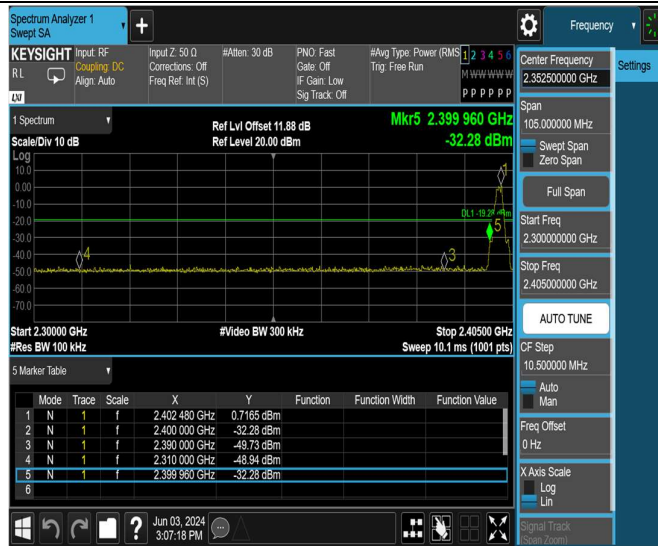
Appendix E: Band edge measurements

Test Result

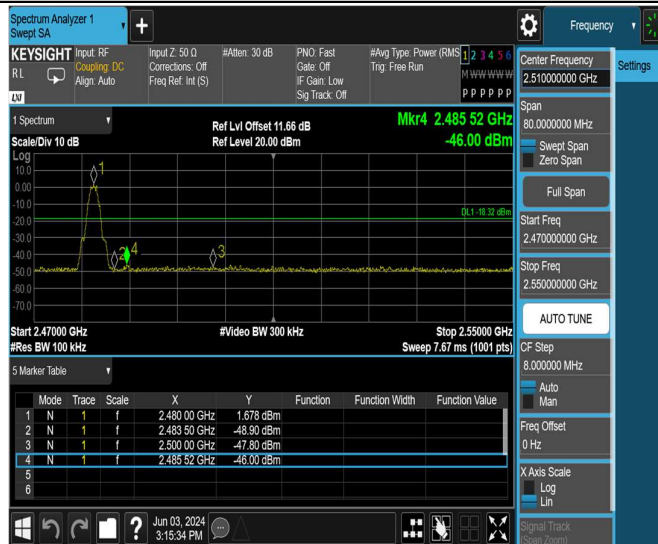
TestMod e	Antenn a	ChNam e	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdic t
BLE_1M	Ant1	Low	2402	1.78	-46.13	≤-18.22	PASS
		High	2480	2.57	-44.91	≤-17.43	PASS
BLE_2M	Ant1	Low	2402	0.72	-32.28	≤-19.28	PASS
		High	2480	1.68	-46.01	≤-18.32	PASS

Test Graphs





BLE_2M_Ant1_High_2480



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	1.77	1.77	---	PASS
			30~1000	1.77	-54.53	≤-18.23	PASS
			1000~26500	1.77	-43.54	≤-18.23	PASS
		2440	Reference	2.42	2.42	---	PASS
			30~1000	2.42	-55.24	≤-17.58	PASS
			1000~26500	2.42	-43.15	≤-17.58	PASS
		2480	Reference	2.57	2.57	---	PASS
			30~1000	2.57	-55.41	≤-17.43	PASS
			1000~26500	2.57	-47.55	≤-17.43	PASS
BLE_2M	Ant1	2402	Reference	0.75	0.75	---	PASS
			30~1000	0.75	-53.33	≤-19.25	PASS
			1000~26500	0.75	-44.46	≤-19.25	PASS
		2440	Reference	1.54	1.54	---	PASS
			30~1000	1.54	-54.49	≤-18.46	PASS
			1000~26500	1.54	-45.3	≤-18.46	PASS
		2480	Reference	1.85	1.85	---	PASS
			30~1000	1.85	-55.33	≤-18.15	PASS
			1000~26500	1.85	-40.08	≤-18.15	PASS