

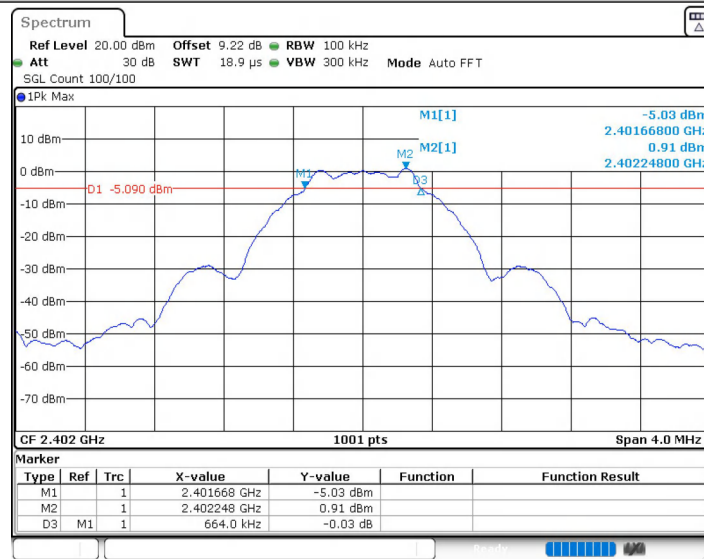
Appendix A: DTS Bandwidth

Test Result

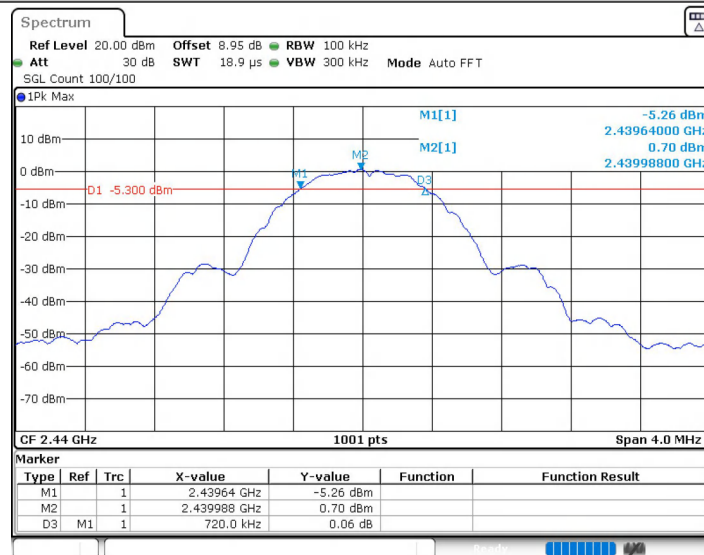
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.67	2402.33	0.5	PASS
		2440	0.72	2439.64	2440.36	0.5	PASS
		2480	0.73	2479.63	2480.36	0.5	PASS
BLE_2M	Ant1	2402	1.26	2401.36	2402.62	0.5	PASS
		2440	1.20	2439.39	2440.59	0.5	PASS
		2480	1.31	2479.33	2480.64	0.5	PASS

Test Graphs

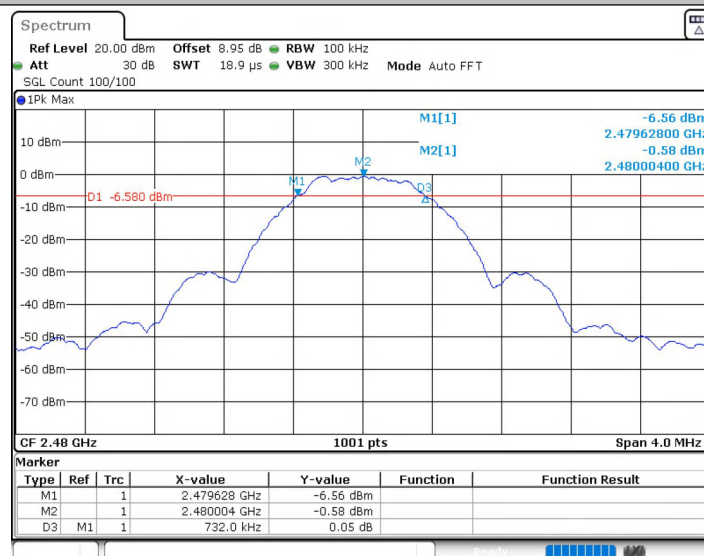
BLE_1M_Ant1_2402



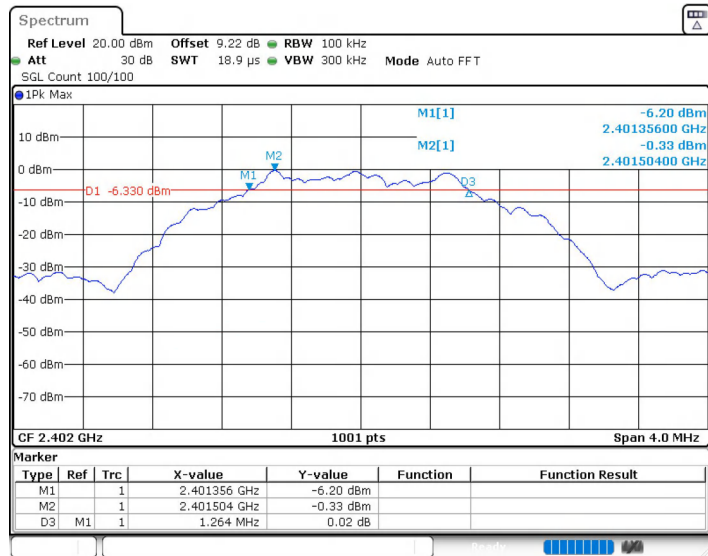
BLE_1M_Ant1_2440



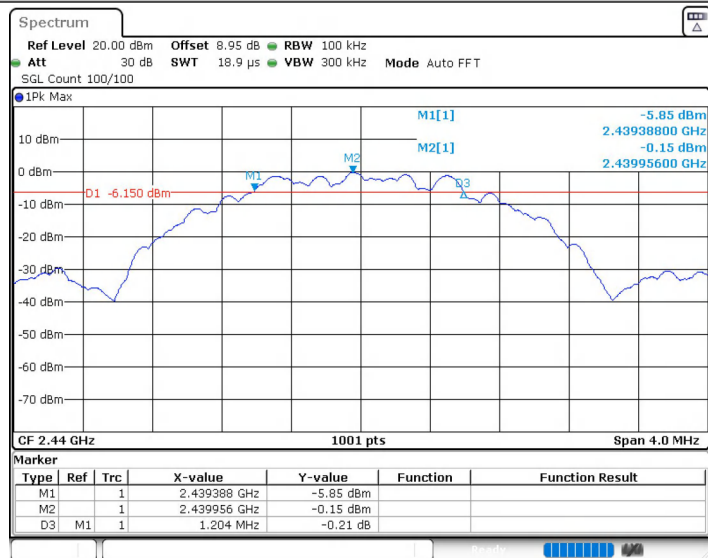
BLE_1M_Ant1_2480



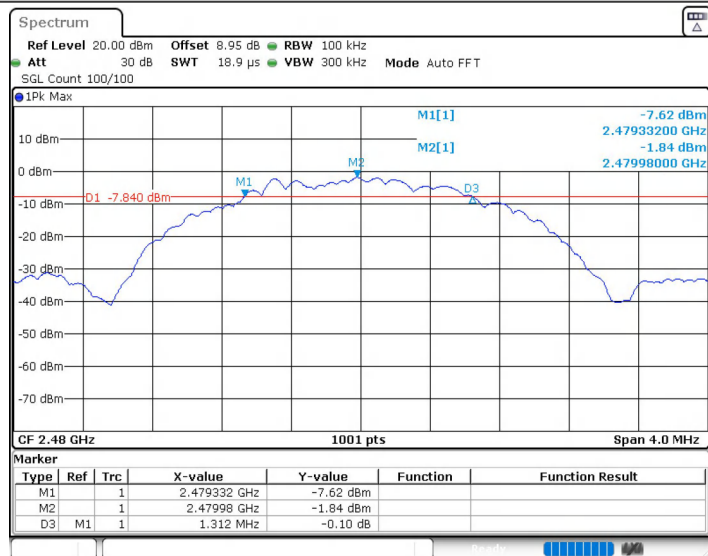
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



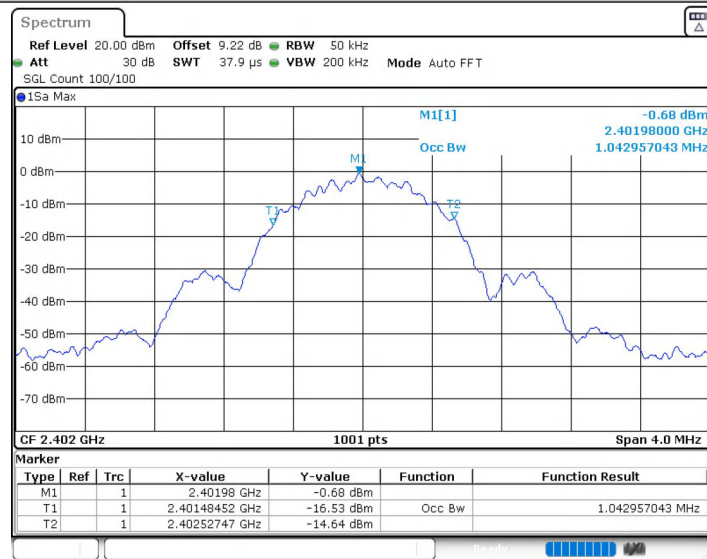
Appendix B: Occupied Channel Bandwidth

Test Result

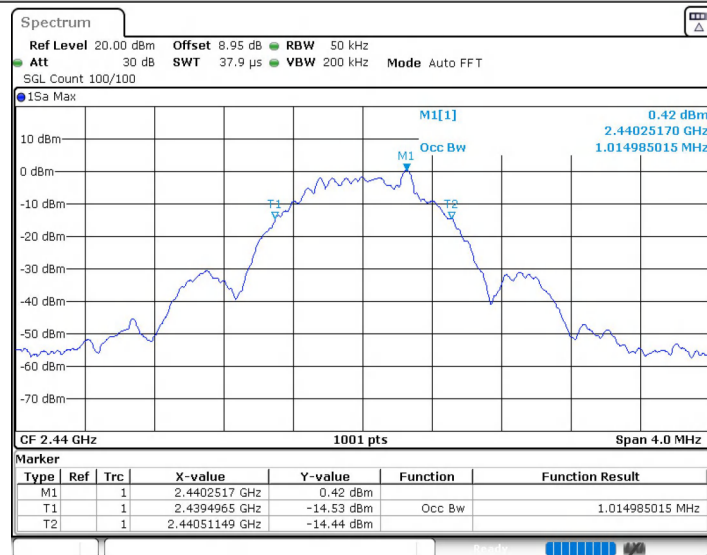
TestMode	Antenna	Channel	OCB [MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.043	---	---
		2440	1.015	---	---
		2480	1.031	---	---
BLE_2M	Ant1	2402	2.034	---	---
		2440	2.010	---	---
		2480	2.042	---	---

Test Graphs

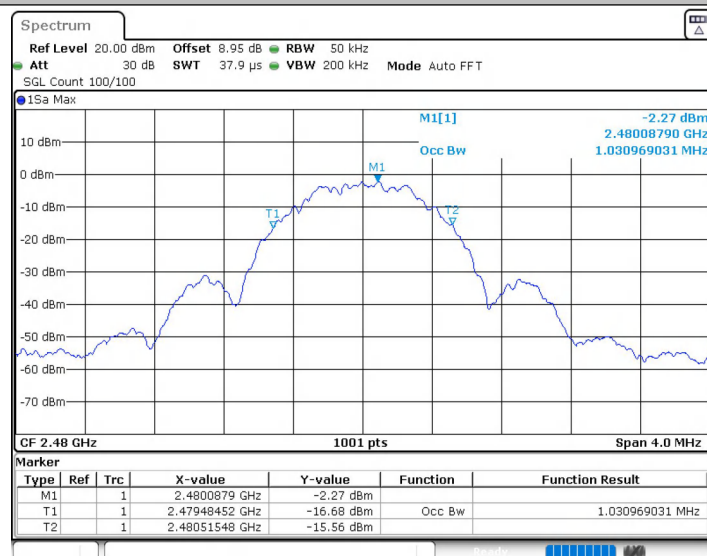
BLE_1M_Ant1_2402



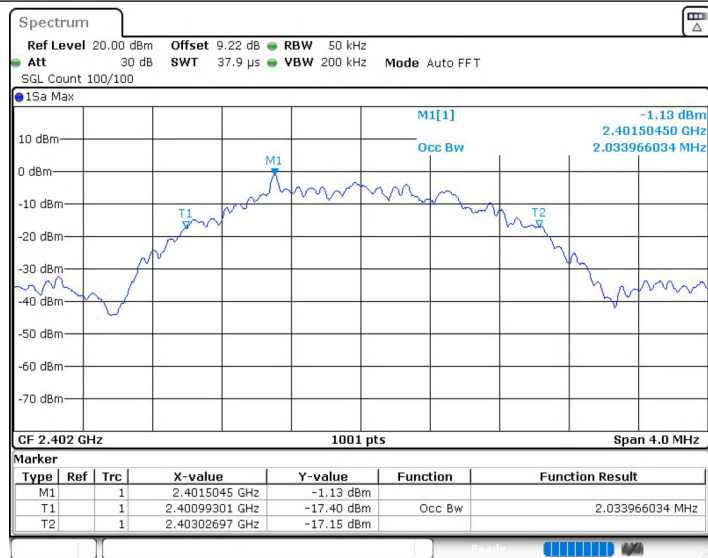
BLE_1M_Ant1_2440



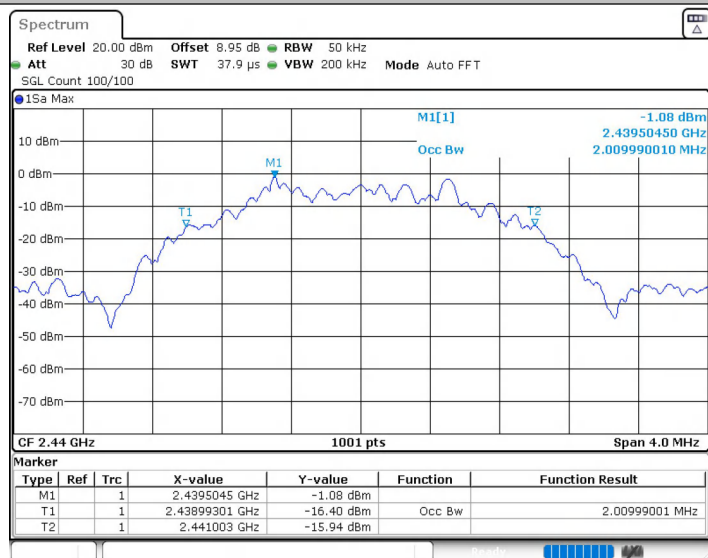
BLE_1M_Ant1_2480



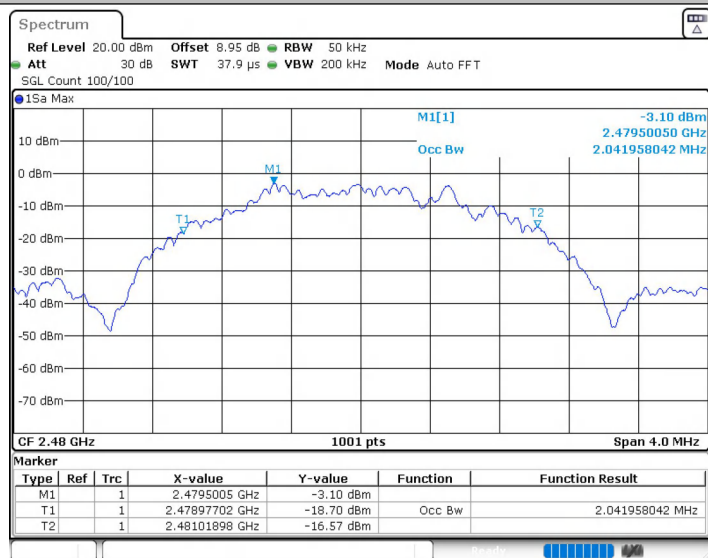
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



Appendix C: Maximum conducted output power

Test Result Peak

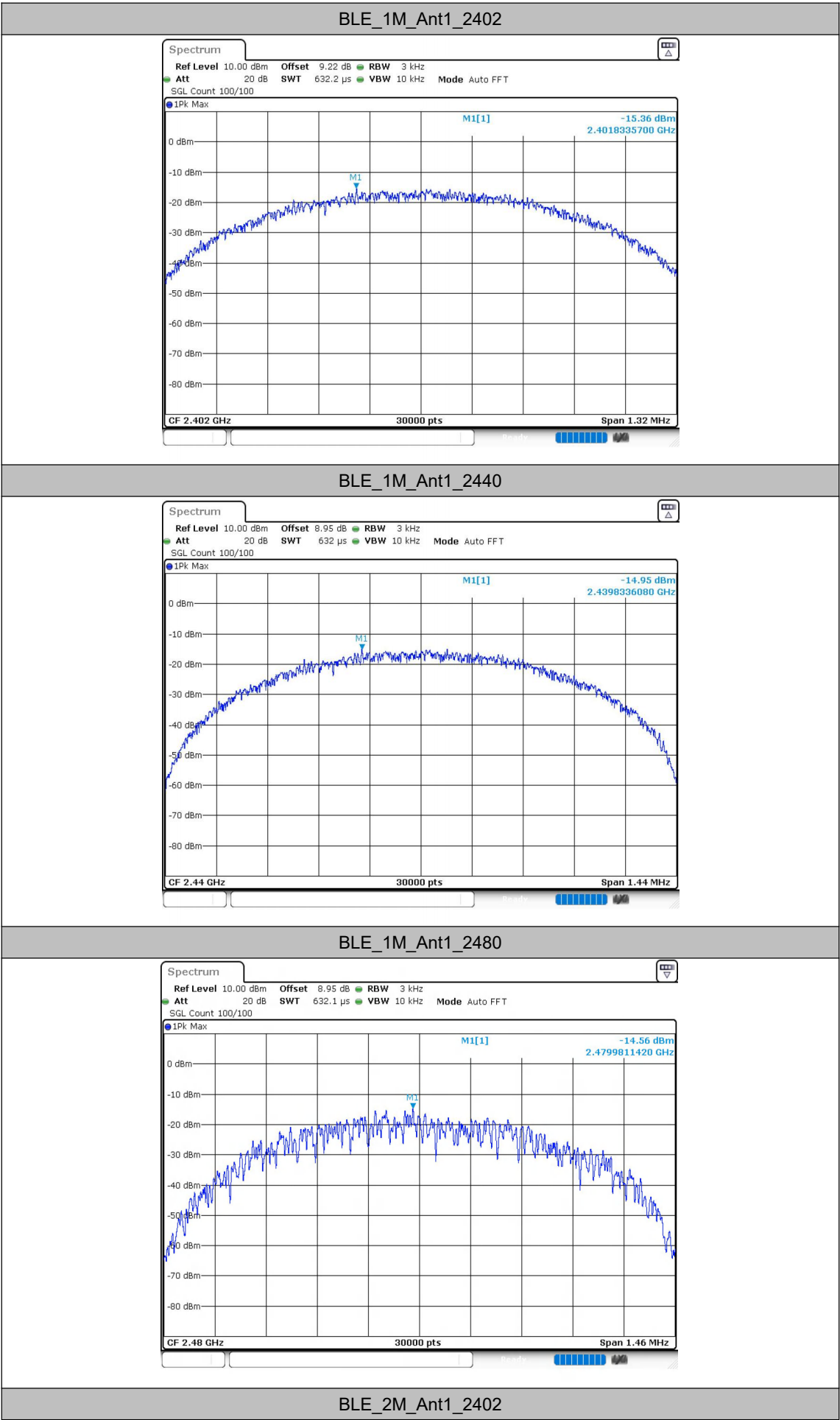
TestMode	Antenna	Channel	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.47	≤30	PASS
		2440	2.97	≤30	PASS
		2480	2.99	≤30	PASS
BLE_2M	Ant1	2402	2.70	≤30	PASS
		2440	3.19	≤30	PASS
		2480	3.05	≤30	PASS

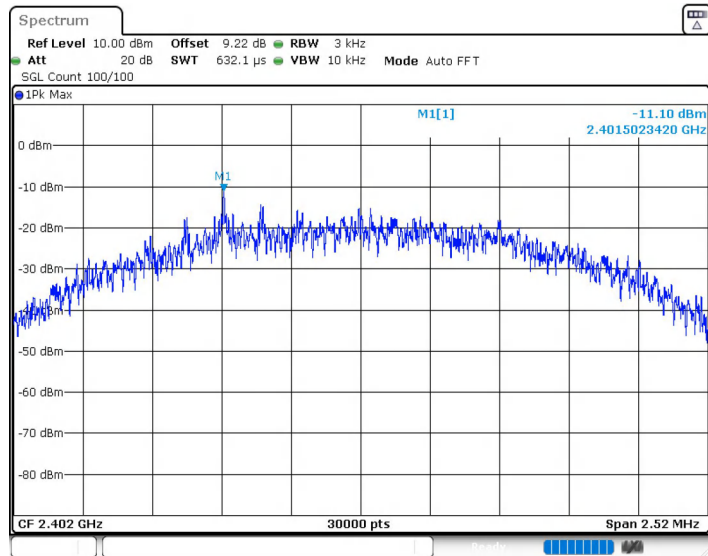
Appendix D: Maximum power spectral density

Test Result

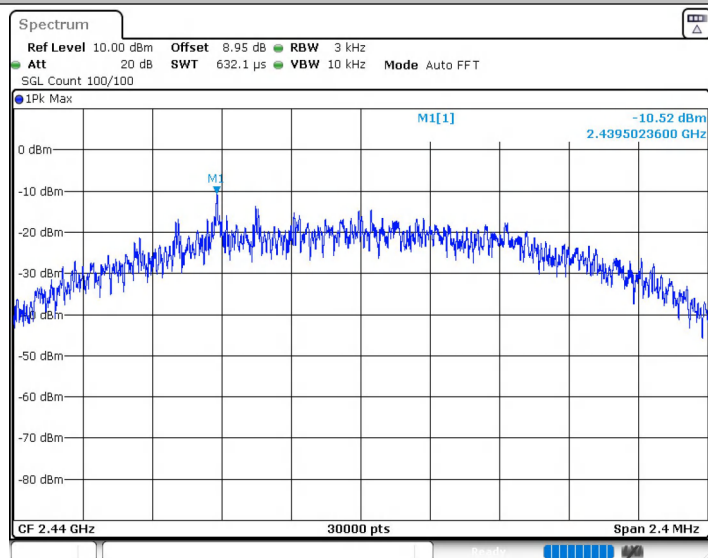
TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.36	≤8.00	PASS
		2440	-14.95	≤8.00	PASS
		2480	-14.56	≤8.00	PASS
BLE_2M	Ant1	2402	-11.10	≤8.00	PASS
		2440	-10.52	≤8.00	PASS
		2480	-11.17	≤8.00	PASS

Test Graphs

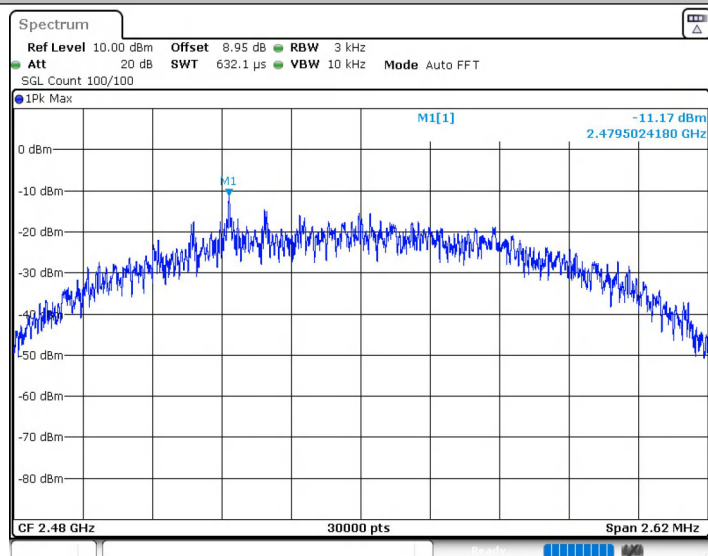




BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



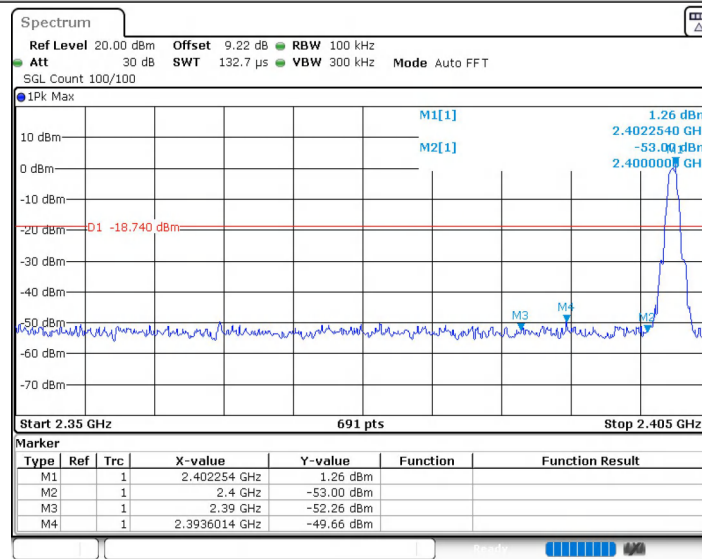
Appendix E: Band edge measurements

Test Result

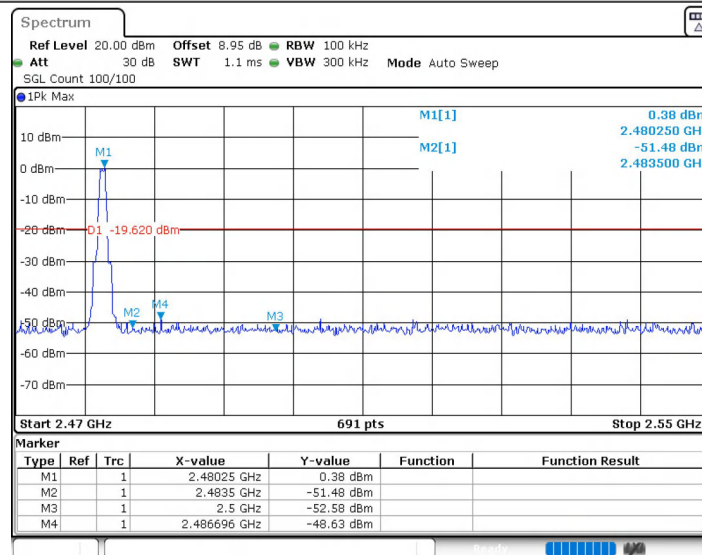
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.26	-49.66	≤-18.74	PASS
		High	2480	0.38	-48.63	≤-19.62	PASS
BLE_2M	Ant1	Low	2402	1.07	-31.75	≤-18.93	PASS
		High	2480	-0.60	-48.32	≤-20.6	PASS

Test Graphs

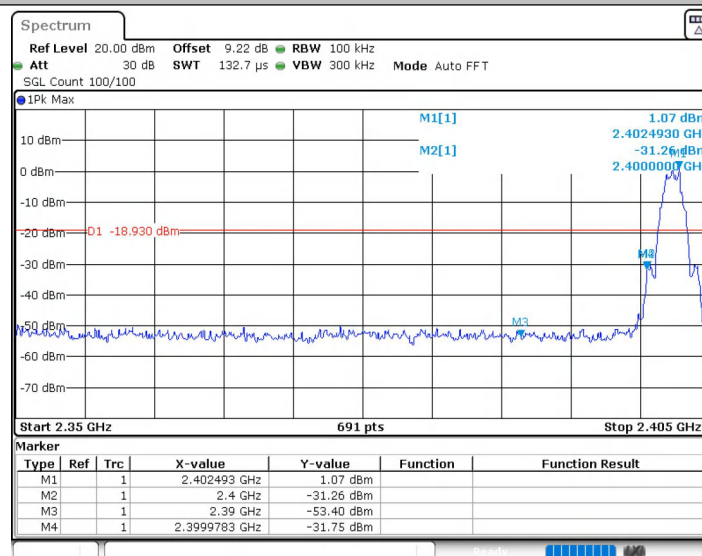
BLE_1M_Ant1_Low_2402



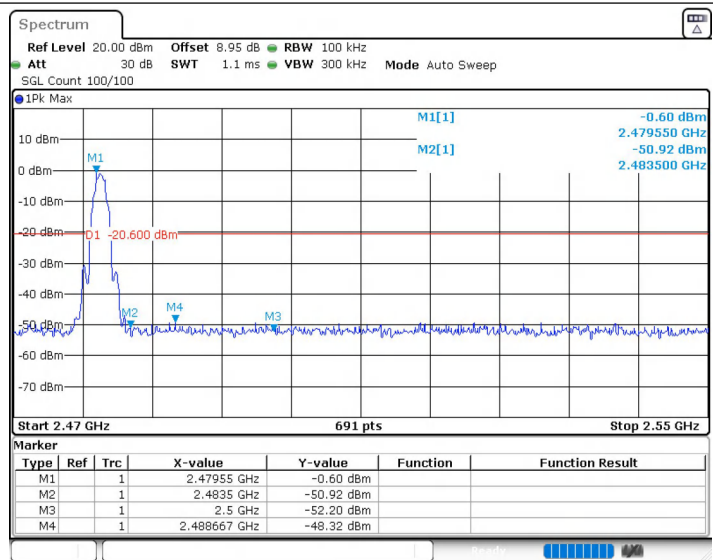
BLE_1M_Ant1_High_2480



BLE_2M_Ant1_Low_2402



BLE_2M_Ant1_High_2480



Appendix F: Conducted Spurious Emission

Test Result

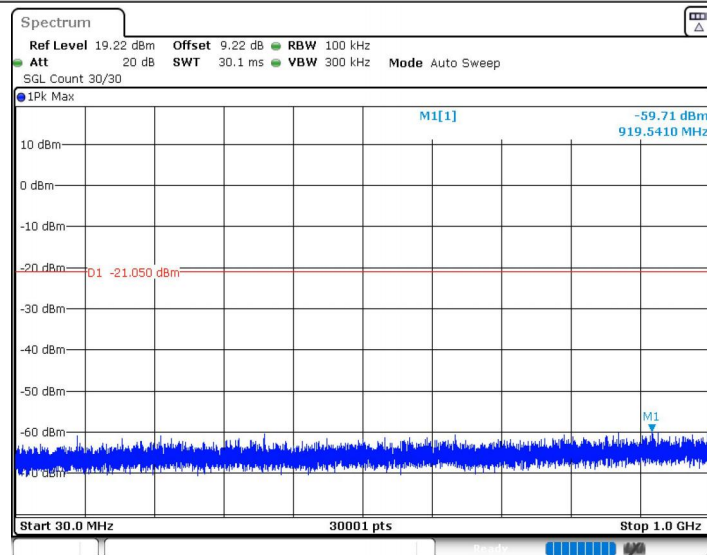
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.05	-1.05	---	PASS
			30~1000	-1.05	-59.71	≤-21.05	PASS
			1000~26500	-1.05	-48.66	≤-21.05	PASS
		2440	Reference	0.40	0.40	---	PASS
			30~1000	0.40	-60.04	≤-19.6	PASS
			1000~26500	0.40	-48.62	≤-19.6	PASS
		2480	Reference	-1.45	-1.45	---	PASS
			30~1000	-1.45	-60	≤-21.45	PASS
			1000~26500	-1.45	-48.88	≤-21.45	PASS
BLE_2M	Ant1	2402	Reference	-2.04	-2.04	---	PASS
			30~1000	-2.04	-60.27	≤-22.04	PASS
			1000~26500	-2.04	-48.53	≤-22.04	PASS
		2440	Reference	-1.36	-1.36	---	PASS
			30~1000	-1.36	-60.45	≤-21.36	PASS
			1000~26500	-1.36	-48.34	≤-21.36	PASS
		2480	Reference	-1.51	-1.51	---	PASS
			30~1000	-1.51	-60.1	≤-21.51	PASS
			1000~26500	-1.51	-48.92	≤-21.51	PASS

Test Graphs

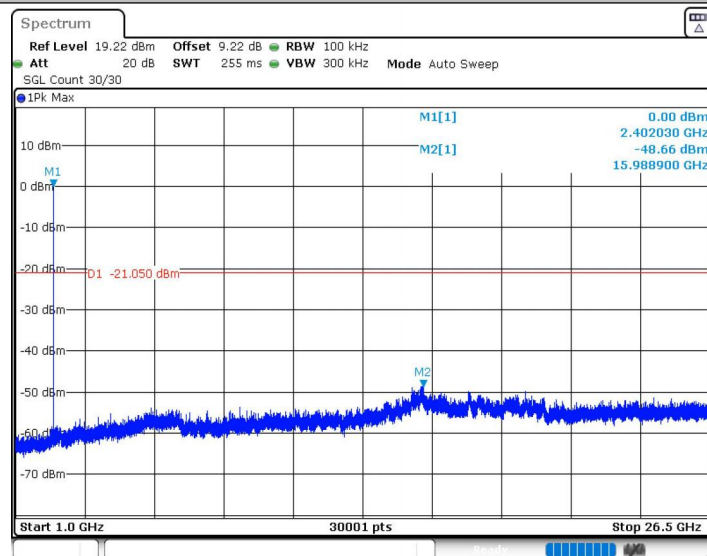
BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



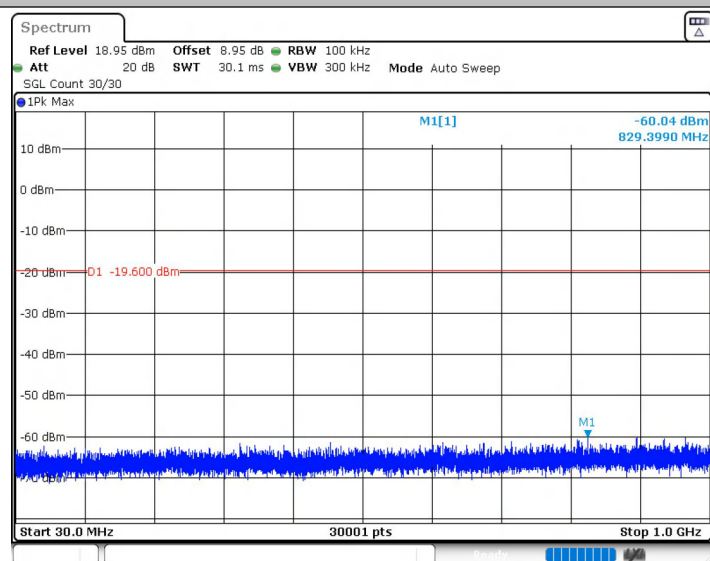
BLE_1M_Ant1_2402_1000~26500



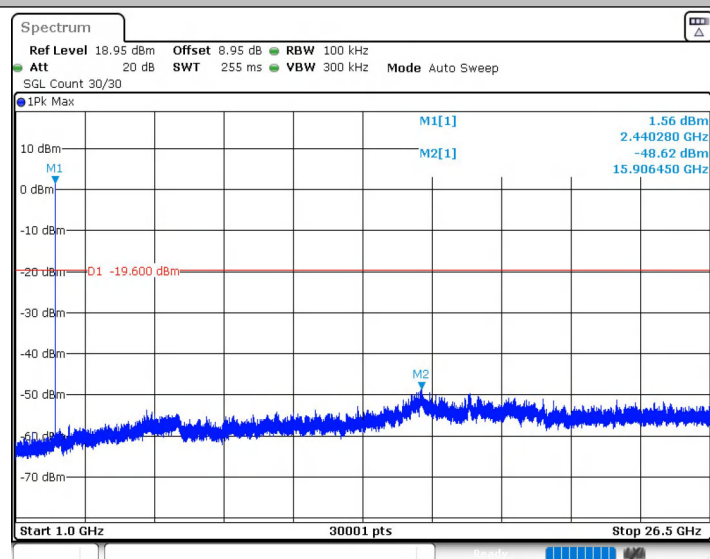
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



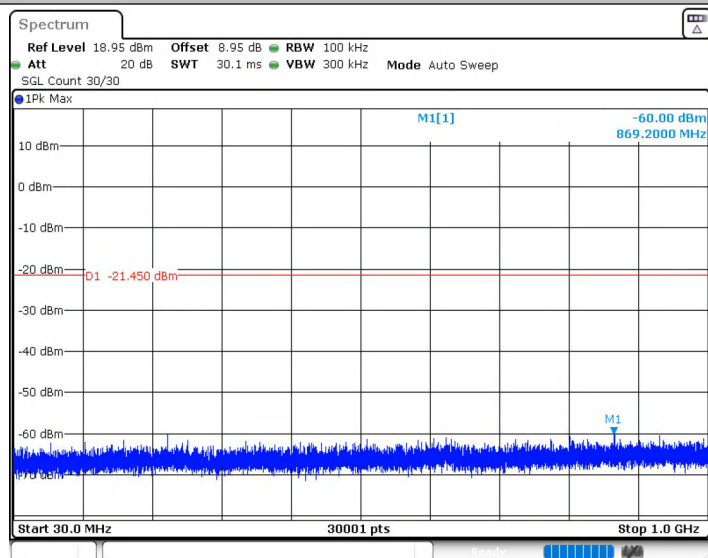
BLE_1M_Ant1_2440_1000~26500



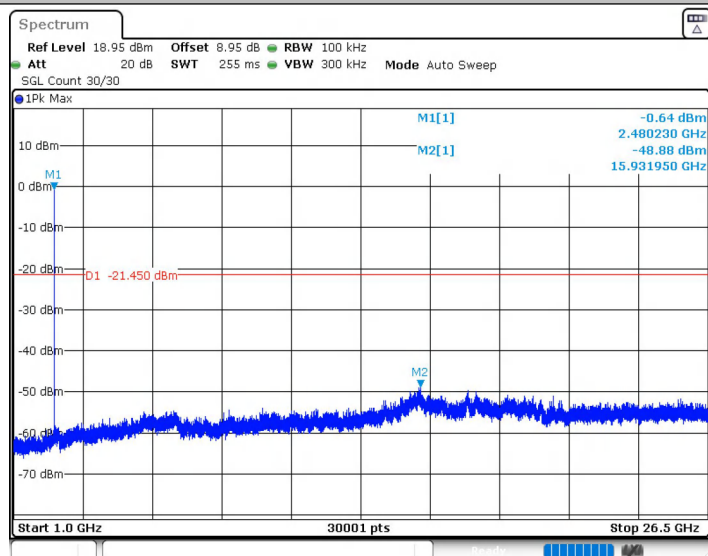
BLE_1M_Ant1_2480_0~Reference



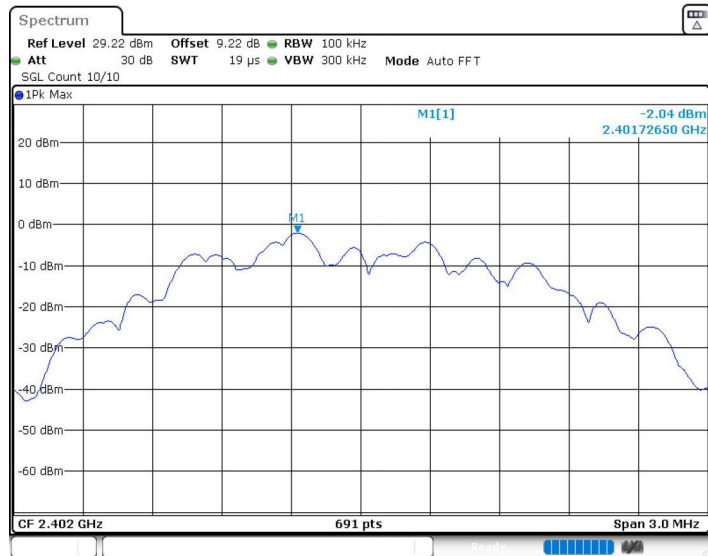
BLE_1M_Ant1_2480_30~1000



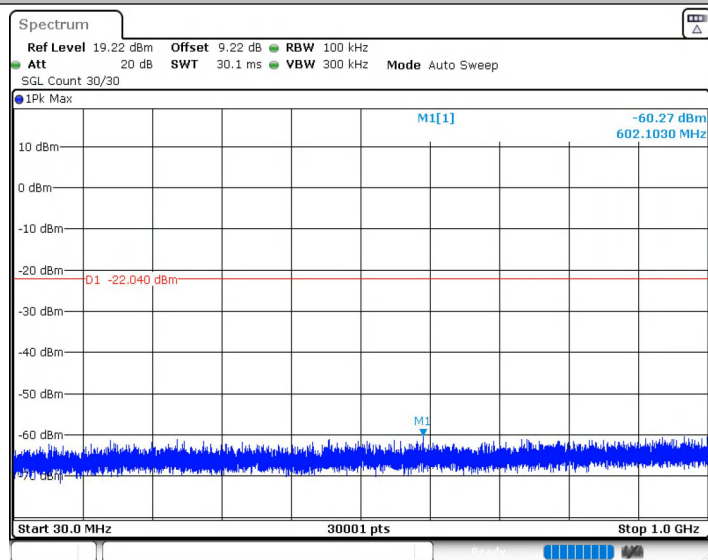
BLE_1M_Ant1_2480_1000~26500



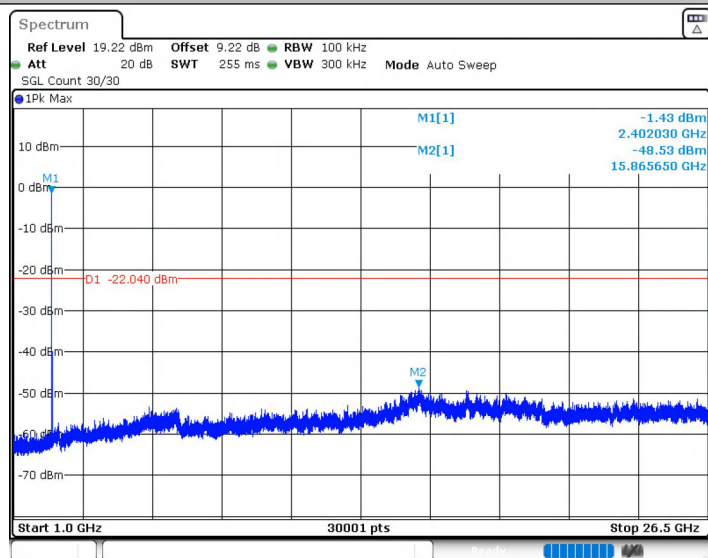
BLE_2M_Ant1_2402_0~Reference



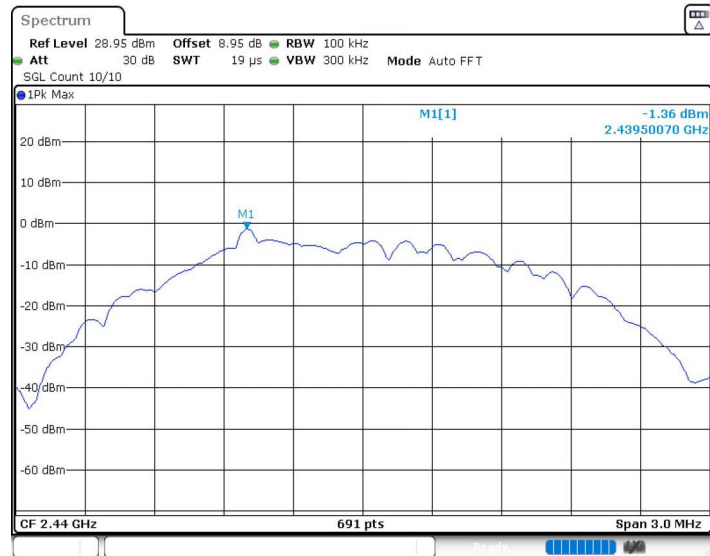
BLE_2M_Ant1_2402_30~1000



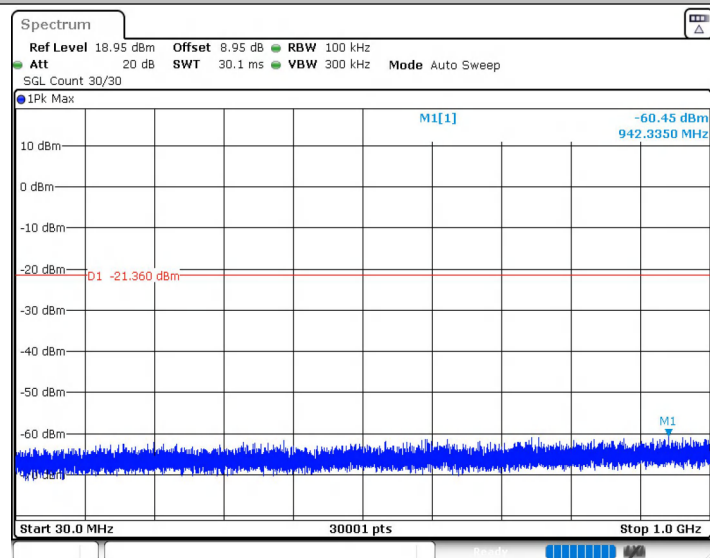
BLE_2M_Ant1_2402_1000~26500



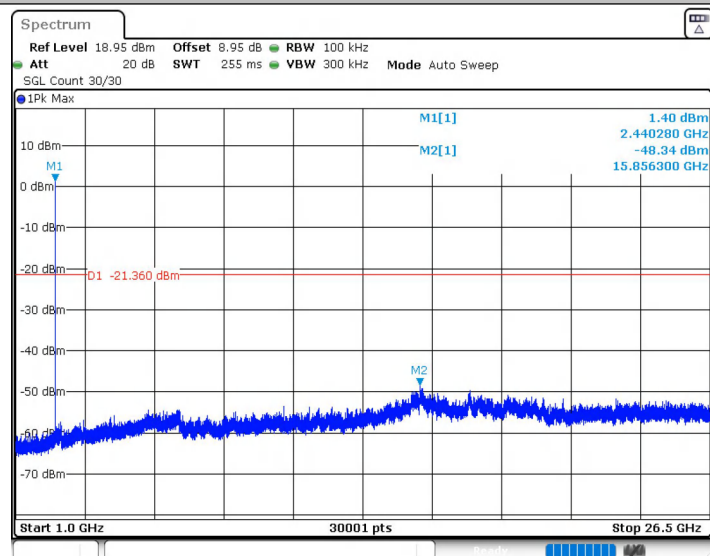
BLE_2M_Ant1_2440_0~Reference



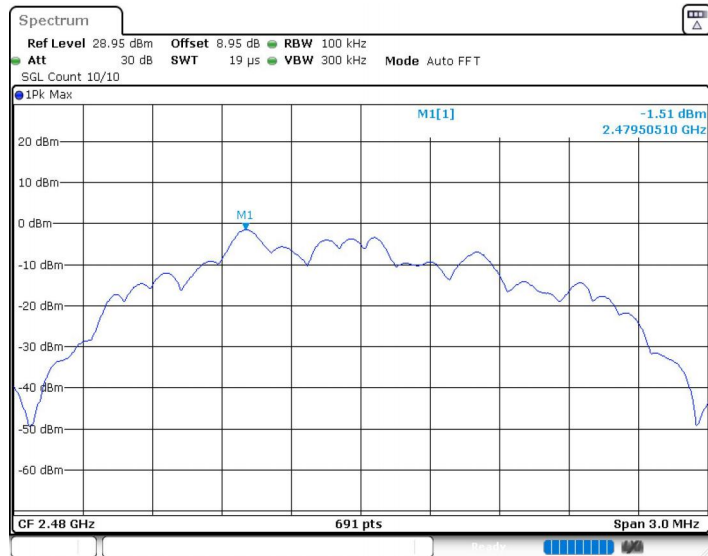
BLE_2M_Ant1_2440_30~1000



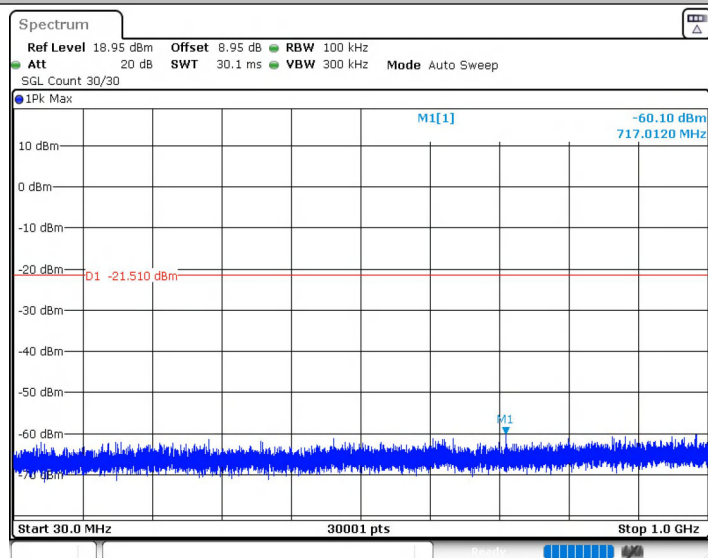
BLE_2M_Ant1_2440_1000~26500



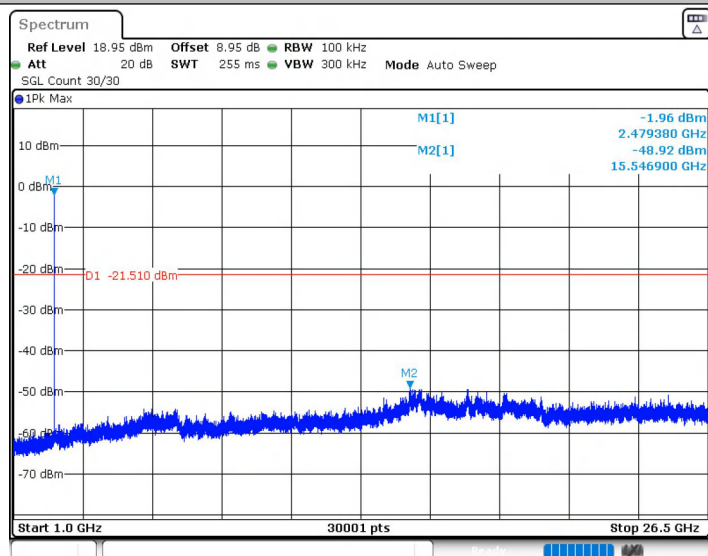
BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~26500



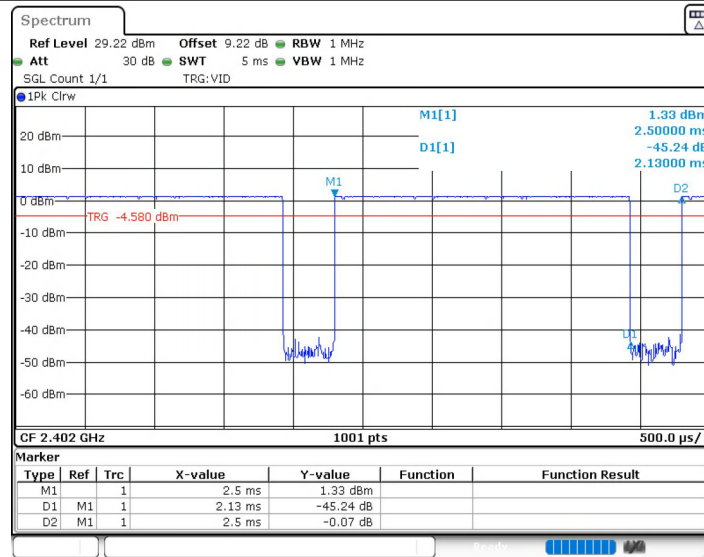
Appendix G: Duty Cycle

Test Result

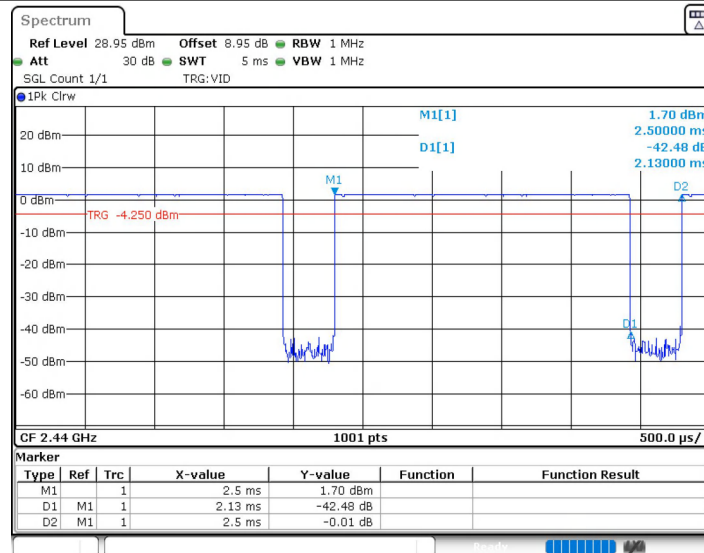
TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	2.13	2.50	0.8520	85.20	0.70	---	---
		2440	2.13	2.50	0.8520	85.20	0.70	---	---
		2480	2.13	2.50	0.8520	85.20	0.70	---	---
BLE_2M	Ant1	2402	1.08	1.88	0.5745	57.45	2.41	---	---
		2440	1.08	1.88	0.5745	57.45	2.41	---	---
		2480	1.08	1.88	0.5745	57.45	2.41	---	---

Test Graphs

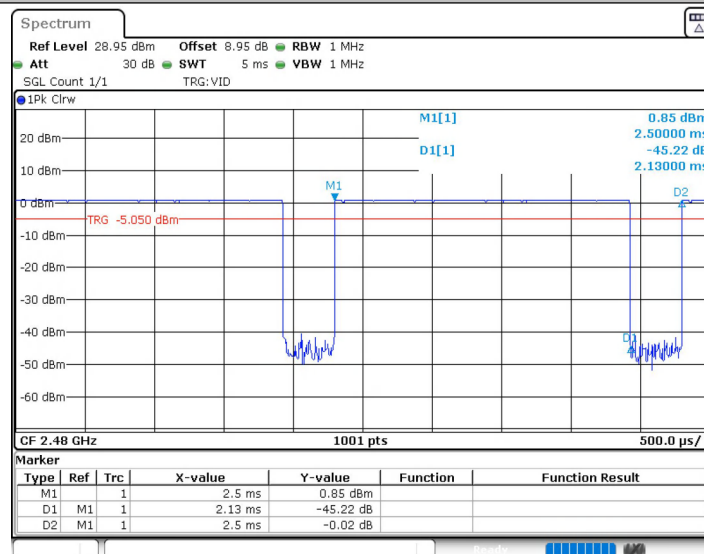
BLE_1M_Ant1_2402



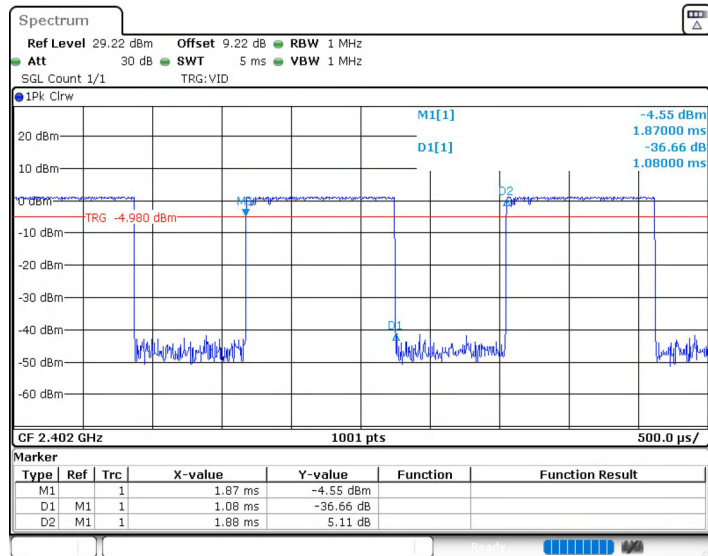
BLE_1M_Ant1_2440



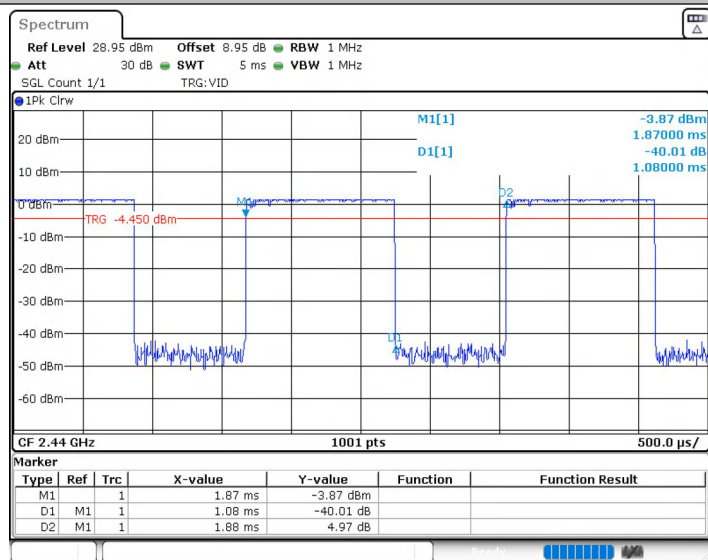
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

