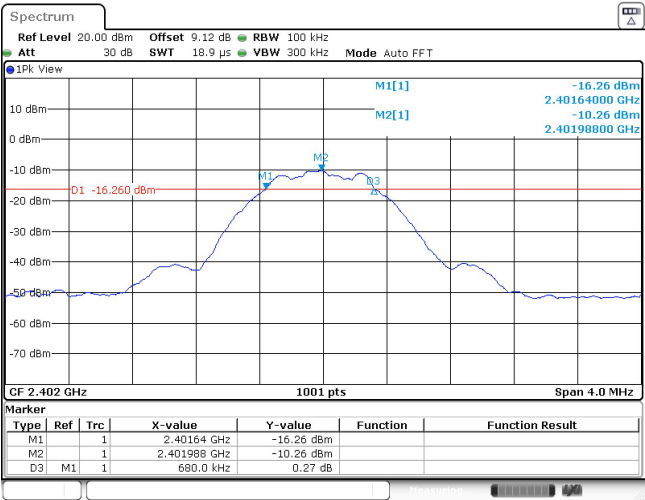


Appendix A: DTS Bandwidth

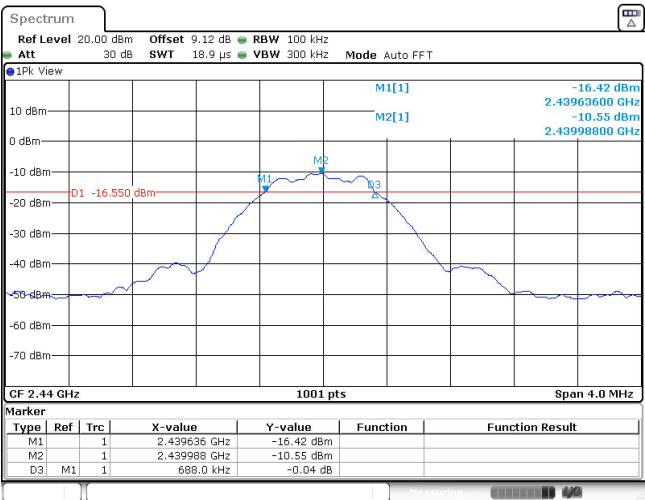
Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.68	2401.64	2402.32	0.5	PASS
		2440	0.69	2439.64	2440.32	0.5	PASS
		2480	0.70	2479.63	2480.33	0.5	PASS

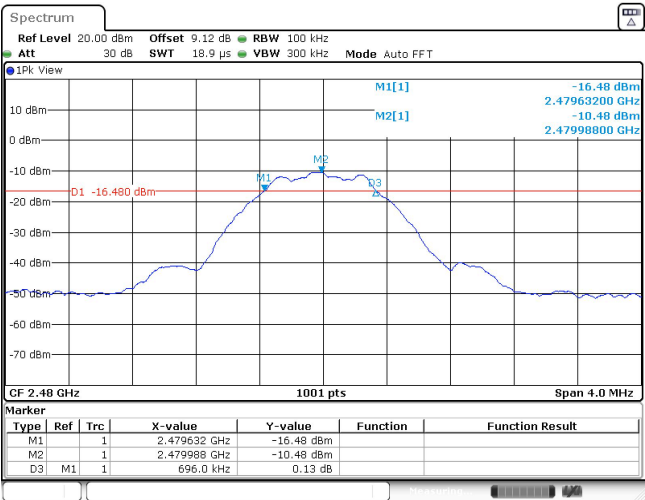
Test Graphs



BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



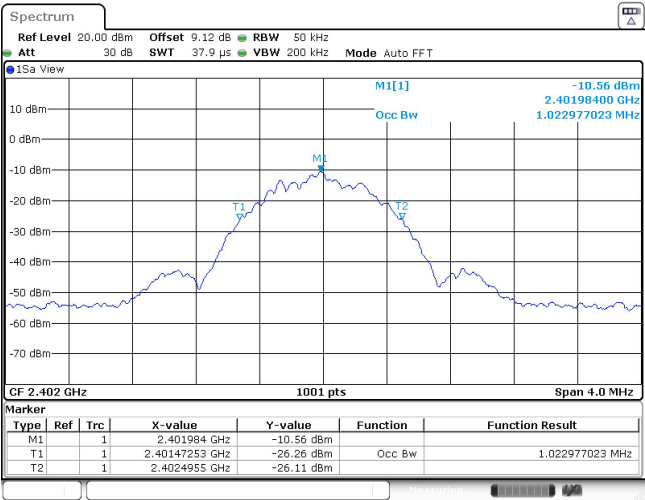
BLE_1M_Ant1_2480

Appendix B: Occupied Channel Bandwidth

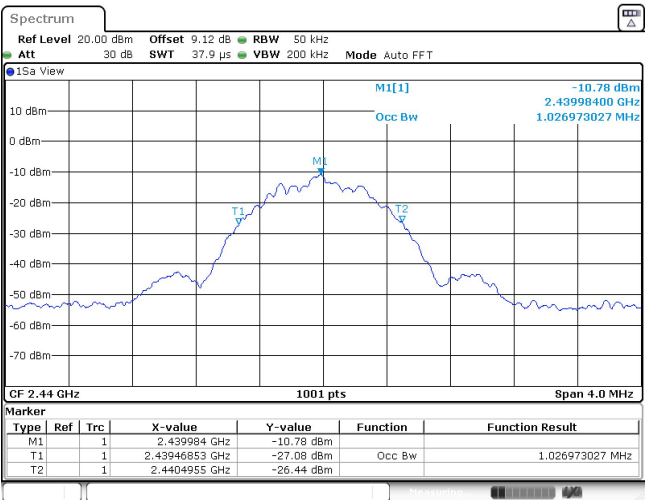
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.023	2401.4725	2402.4955	---	---
		2440	1.027	2439.4685	2440.4955	---	---
		2480	1.031	2479.4685	2480.4995	---	---

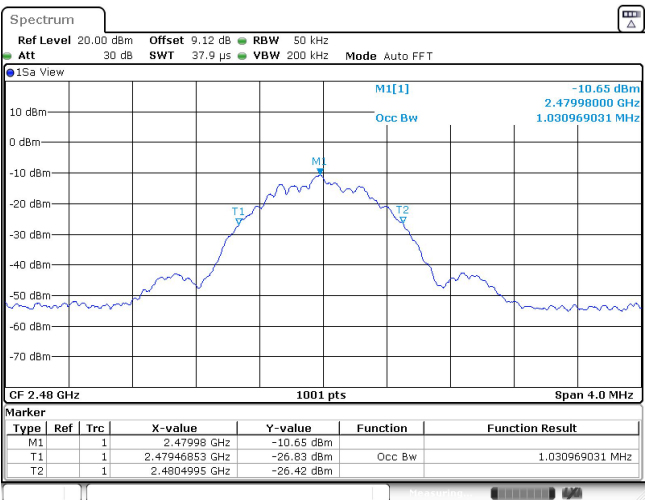
Test Graphs



BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



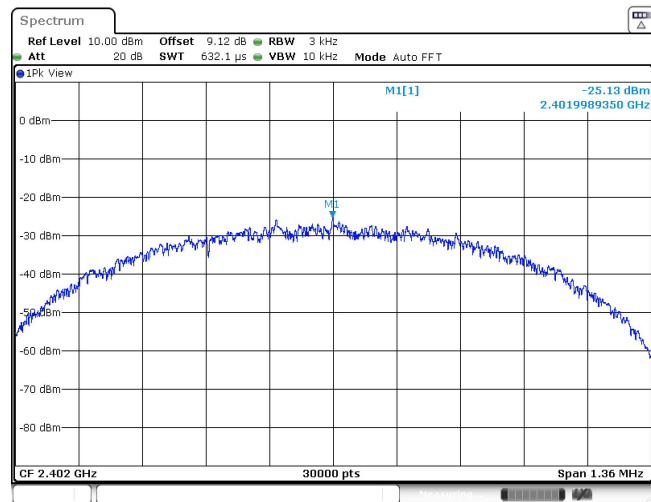
BLE_1M_Ant1_2480

Appendix D: Maximum power spectral density

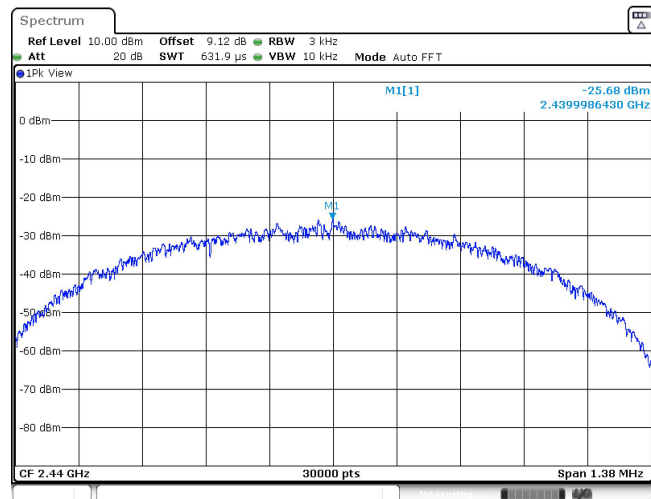
Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-25.13	≤8.00	PASS
		2440	-25.68	≤8.00	PASS
		2480	-25.41	≤8.00	PASS

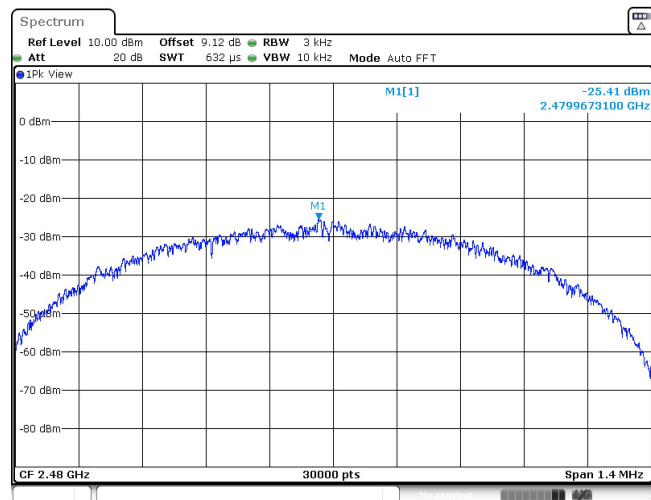
Test Graphs



BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



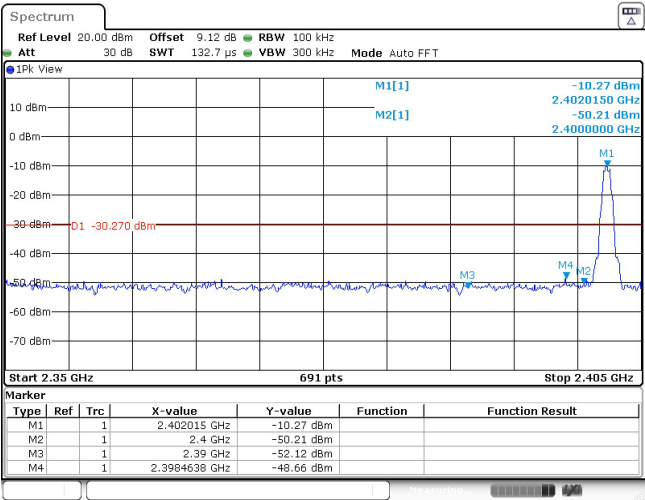
BLE_1M_Ant1_2480

Appendix E: Band edge measurements

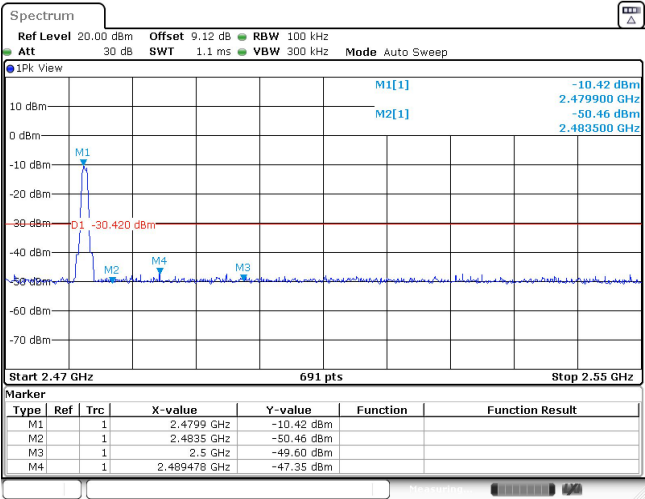
Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-10.27	-48.66	≤ -30.27	PASS
		High	2480	-10.42	-47.35	≤ -30.42	PASS

Test Graphs



BLE_1M_Ant1_Low_2402



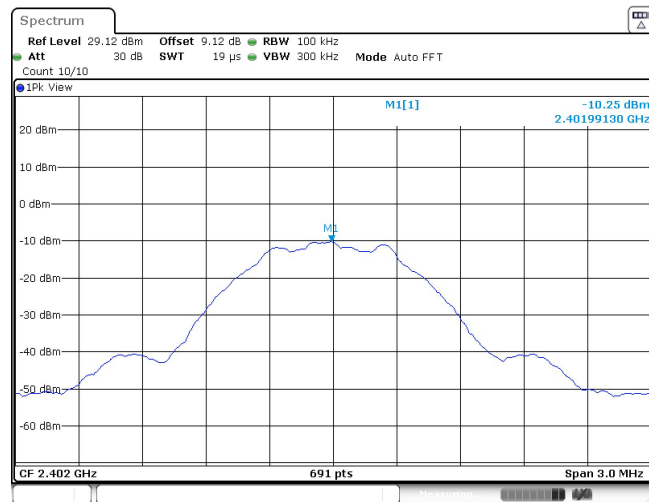
BLE_1M_Ant1_High_2480

Appendix F: Conducted Spurious Emission

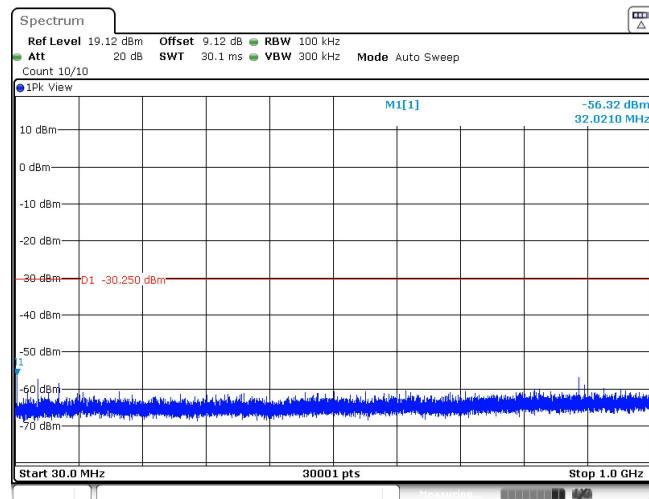
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-10.25	-10.25	---	PASS
			30~1000	-10.25	-56.32	≤-30.25	PASS
			1000~26500	-10.25	-44.63	≤-30.25	PASS
		2440	Reference	-10.55	-10.55	---	PASS
			30~1000	-10.55	-56.85	≤-30.55	PASS
			1000~26500	-10.55	-45.29	≤-30.55	PASS
		2480	Reference	-10.51	-10.51	---	PASS
			30~1000	-10.51	-56.02	≤-30.51	PASS
			1000~26500	-10.51	-45.95	≤-30.51	PASS

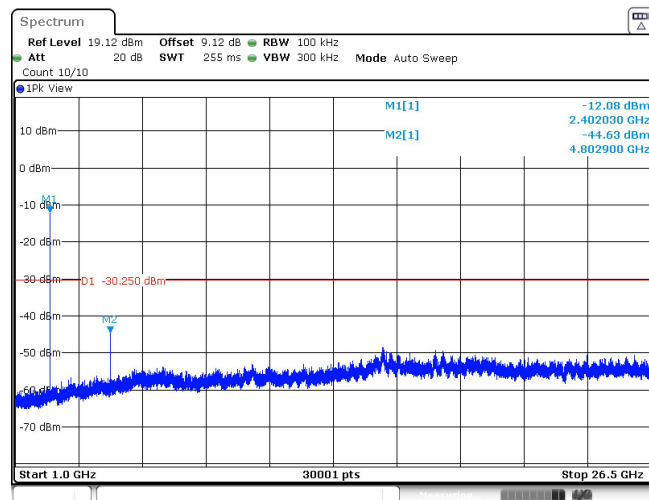
Test Graphs



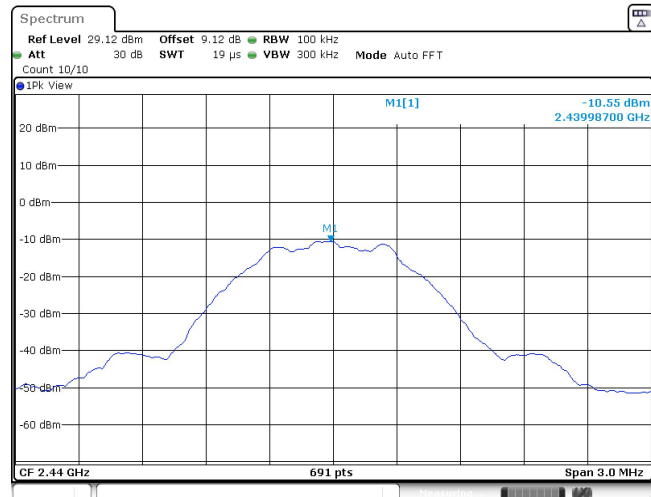
BLE_1M_Ant1_2402_0~Reference



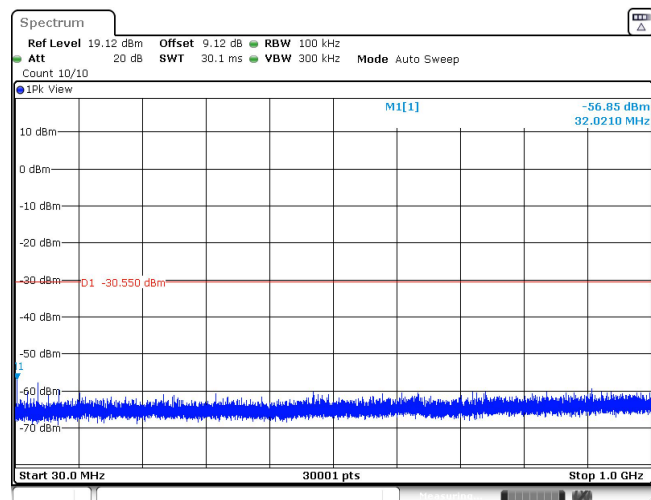
BLE_1M_Ant1_2402_30~1000



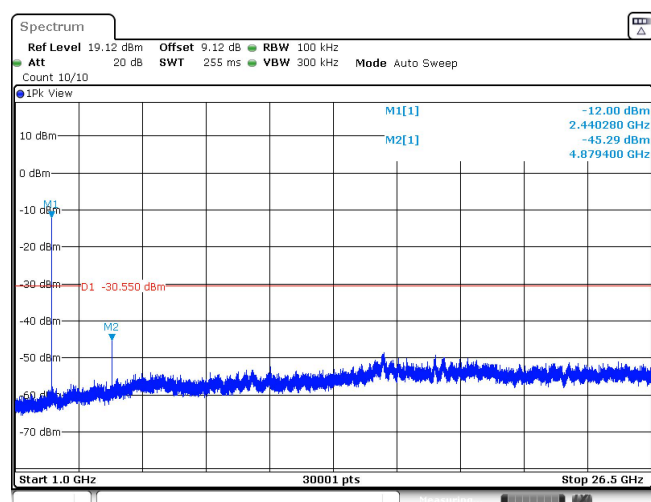
BLE_1M_Ant1_2402_1000~26500



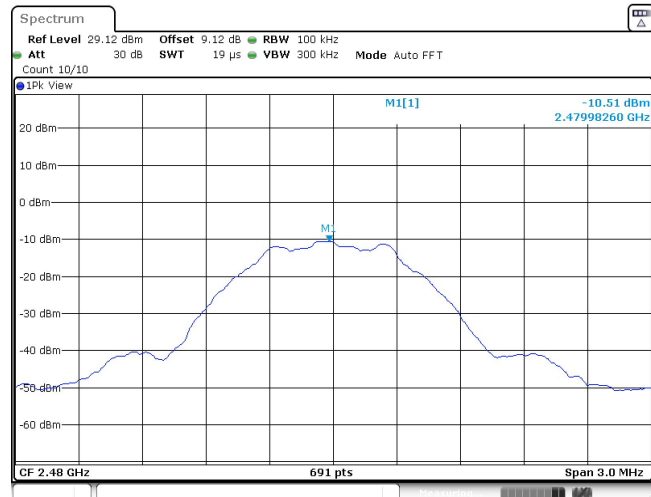
BLE_1M_Ant1_2440_0~Reference



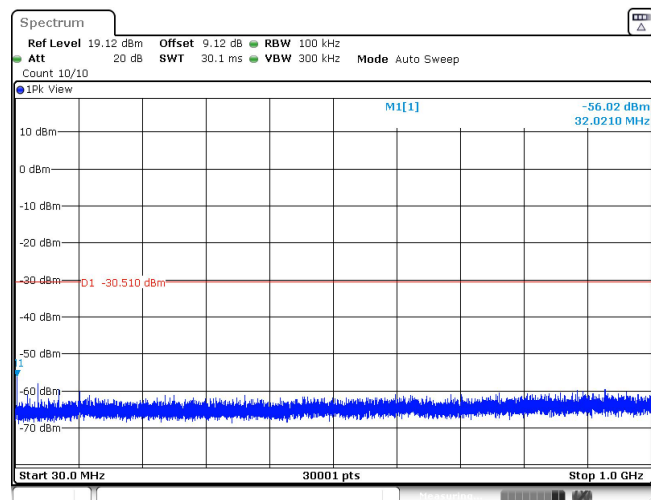
BLE_1M_Ant1_2440_30~1000



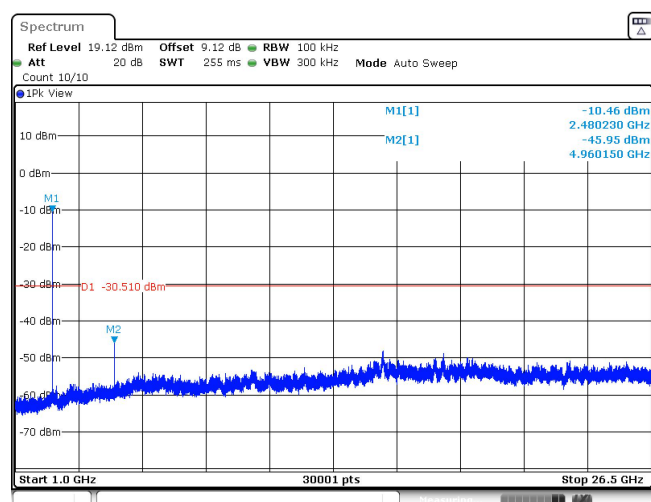
BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



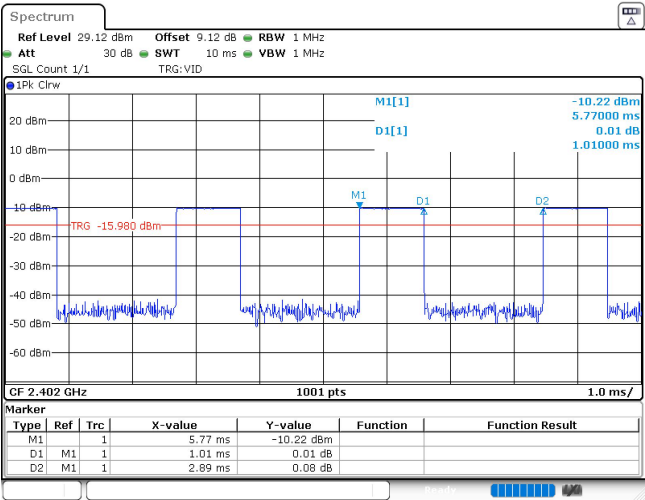
BLE_1M_Ant1_2480_1000~26500

Appendix G: Duty Cycle

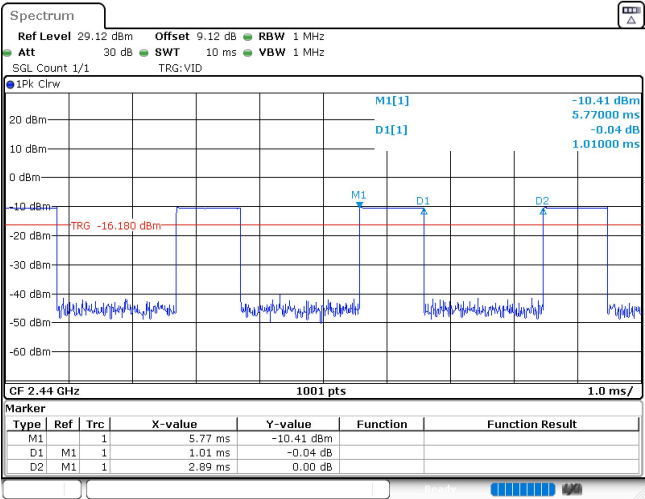
Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	1.01	2.89	0.3495	34.95	4.57	---	---
		2440	1.01	2.89	0.3495	34.95	4.57	---	---
		2480	1.01	2.89	0.3495	34.95	4.57	---	---

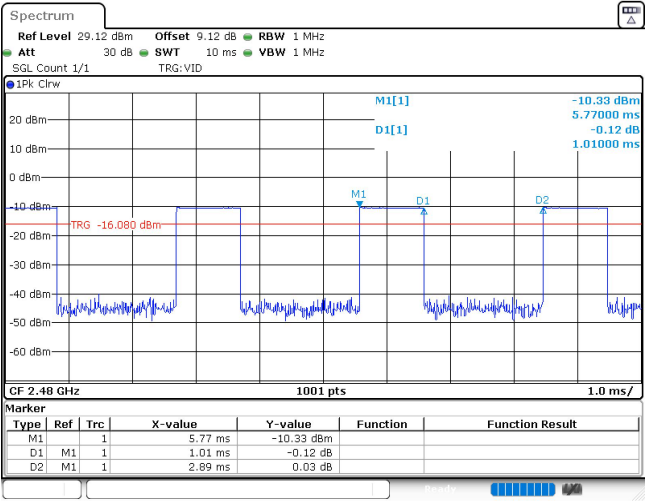
Test Graphs



BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480

Appendix H: Emissions in Restricted Bands

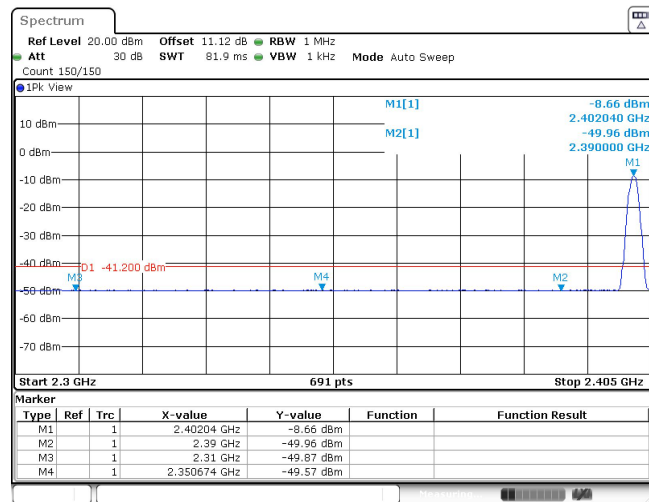
Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
BLE_1M	Ant1	Low	2402	AV	2310.000	-49.87	≤-41.20	45.33	≤54	PASS
				AV	2350.674	-49.57	≤-41.20	45.63	≤54	PASS
				AV	2390.000	-49.96	≤-41.20	45.24	≤54	PASS
				Peak	2310.000	-37.76	≤-21.20	57.44	≤74	PASS
				Peak	2327.239	-36.04	≤-21.20	59.16	≤74	PASS
				Peak	2390.000	-37.85	≤-21.20	57.35	≤74	PASS
		High	2480	AV	2483.500	-49.06	≤-41.20	46.14	≤54	PASS
				AV	2486.000	-48.89	≤-41.20	46.31	≤54	PASS
				AV	2500.000	-48.99	≤-41.20	46.21	≤54	PASS
				Peak	2483.500	-36.62	≤-21.20	58.58	≤74	PASS
				Peak	2487.507	-35.17	≤-21.20	60.03	≤74	PASS
				Peak	2500.000	-36.52	≤-21.20	58.68	≤74	PASS

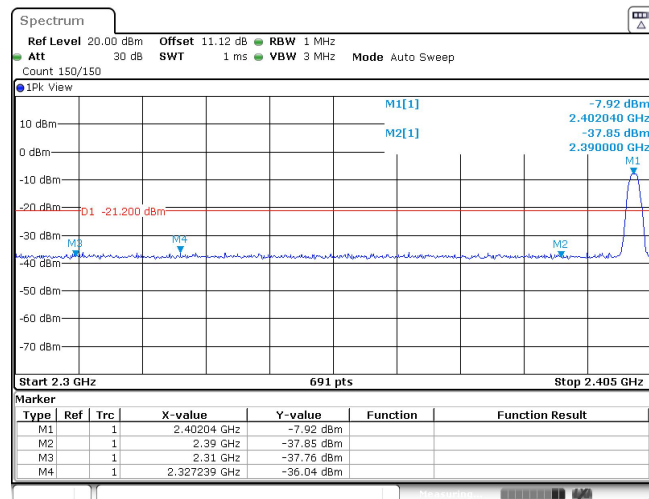
Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

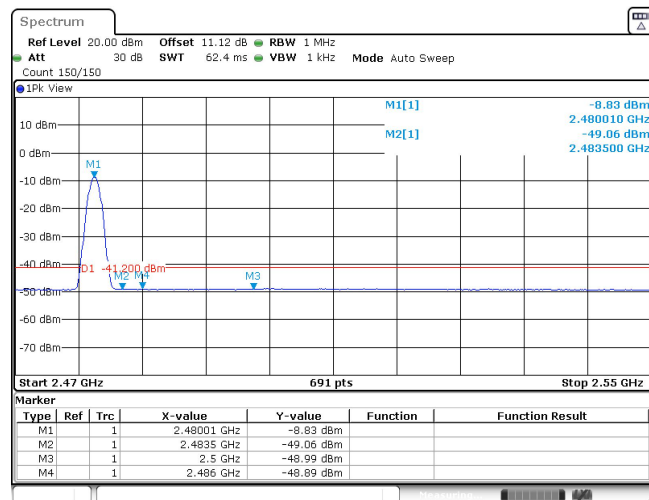
Test Graphs



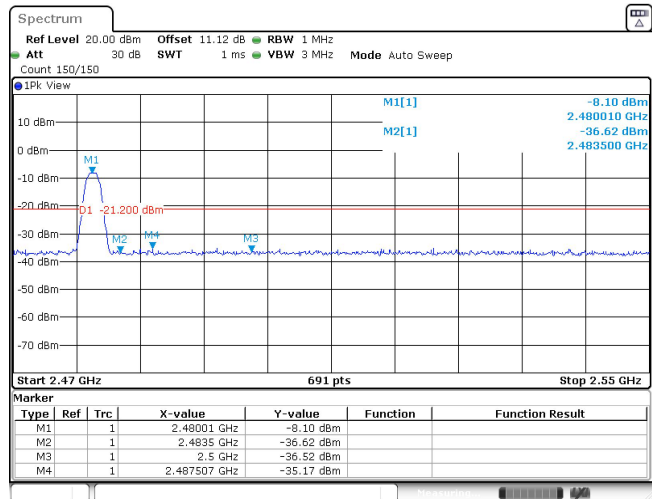
BLE_1M_Ant1_Low_2402_AV



BLE_1M_Ant1_Low_2402_Peak



BLE_1M_Ant1_High_2480_AV



BLE_1M_Ant1_High_2480_Peak