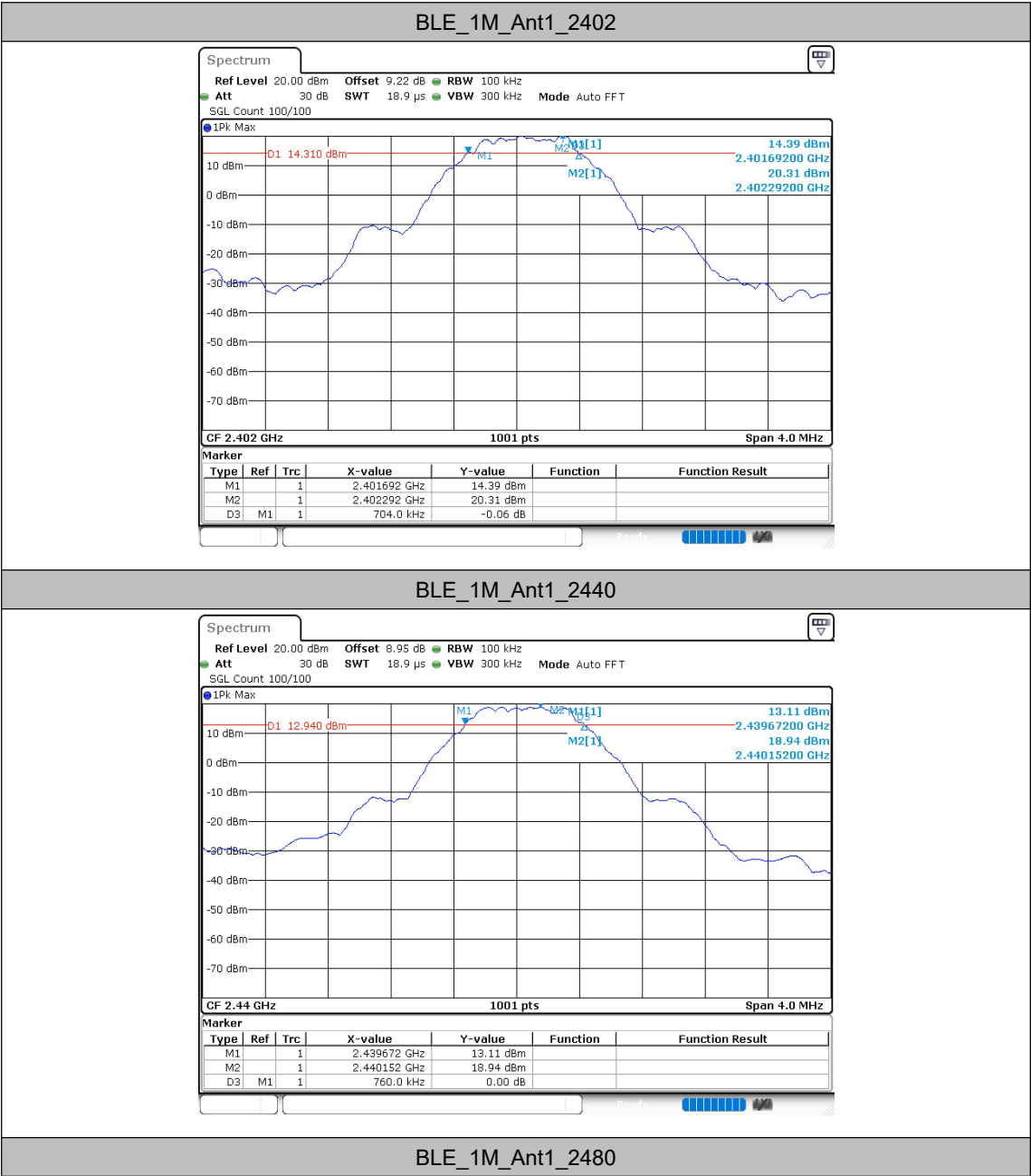


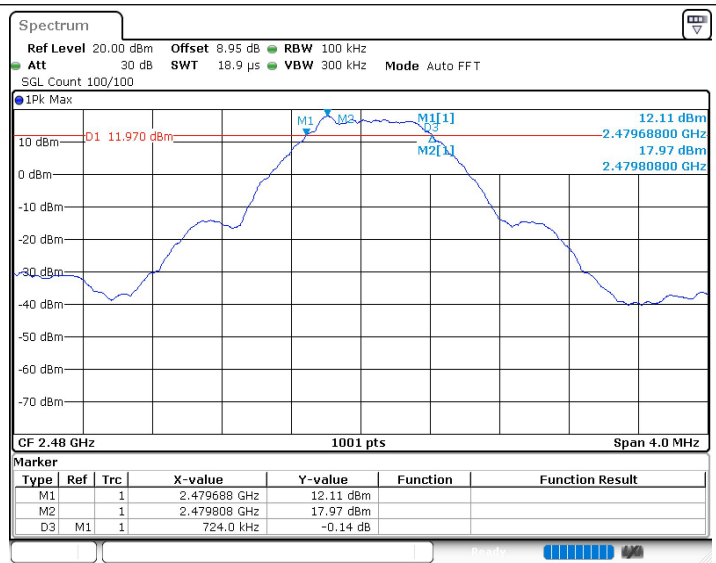
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.70	2401.69	2402.40	0.5	PASS
		2440	0.76	2439.67	2440.43	0.5	PASS
		2480	0.72	2479.69	2480.41	0.5	PASS

Test Graphs





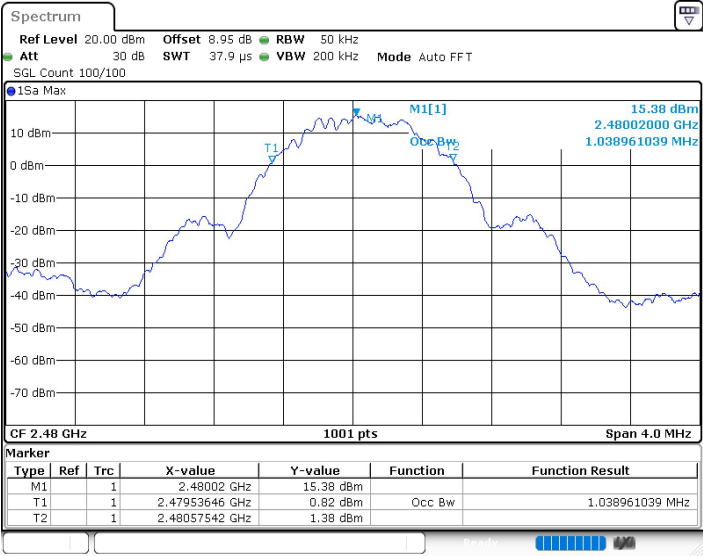
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.031	2401.5285	2402.5594	---	---
		2440	1.051	2439.5205	2440.5714	---	---
		2480	1.039	2479.5365	2480.5754	---	---

Test Graphs





Appendix C: Maximum conducted output power

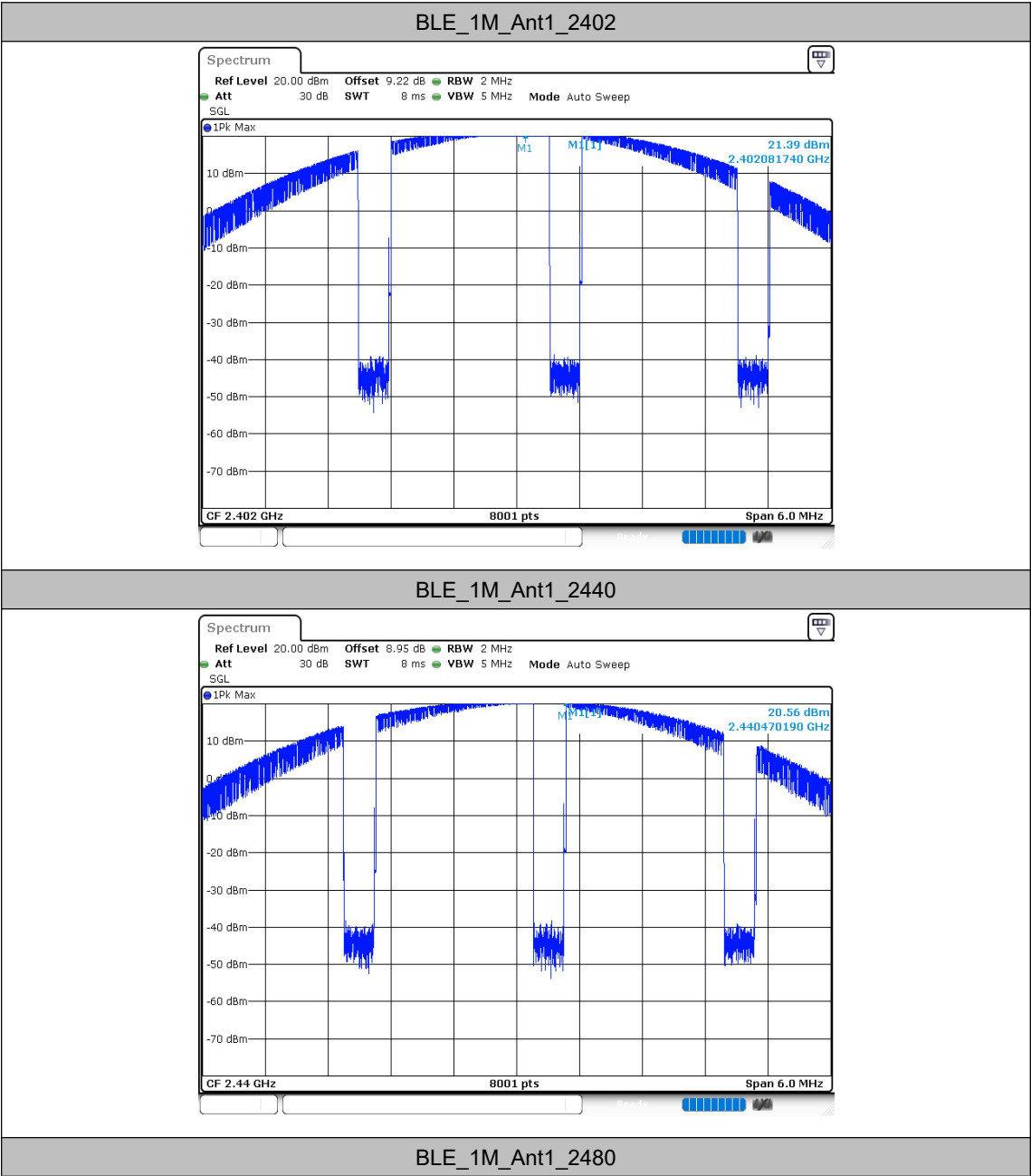
Test Result Peak

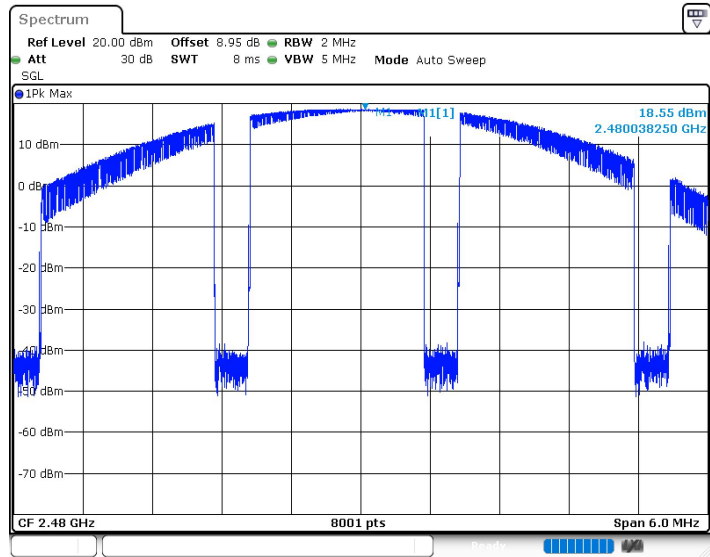
TestMode	Antenna	Channel	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	21.39	≤30	PASS
		2440	20.56	≤30	PASS
		2480	18.55	≤30	PASS

Test Result Average

Test Mode	Antenna	Channel	Conducted Sensor power[dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
TestMode	Antenna	Channel	RawPower	DC	DcFact or	Result	Limit	Gain	EIRP	Limit1	Verdict

Test Graphs Peak



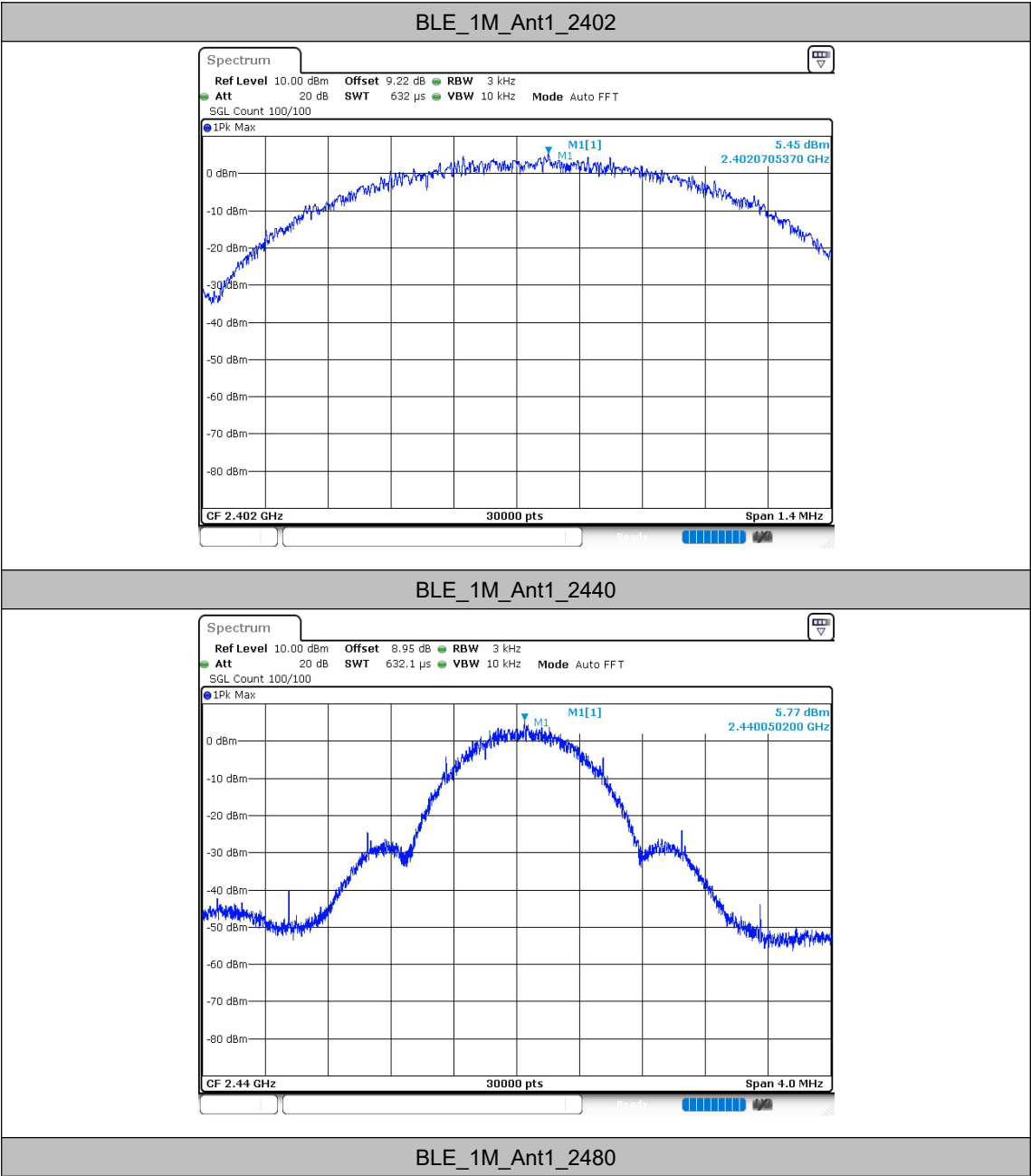


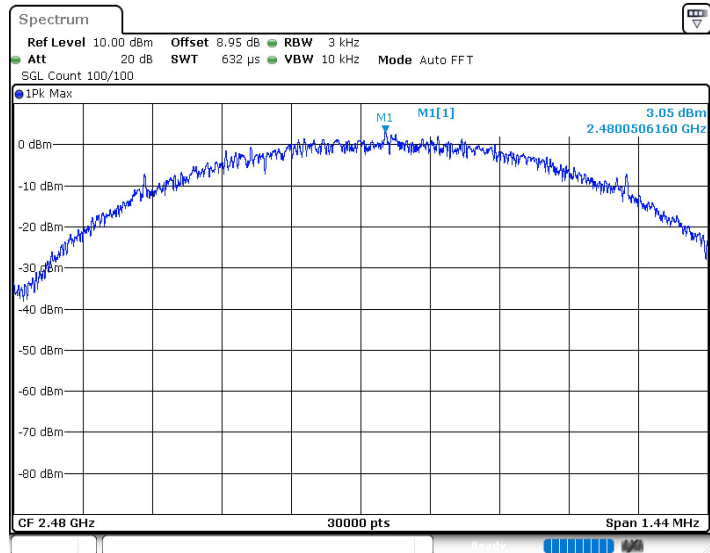
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	5.45	≤8.00	PASS
		2440	5.77	≤8.00	PASS
		2480	3.05	≤8.00	PASS

Test Graphs



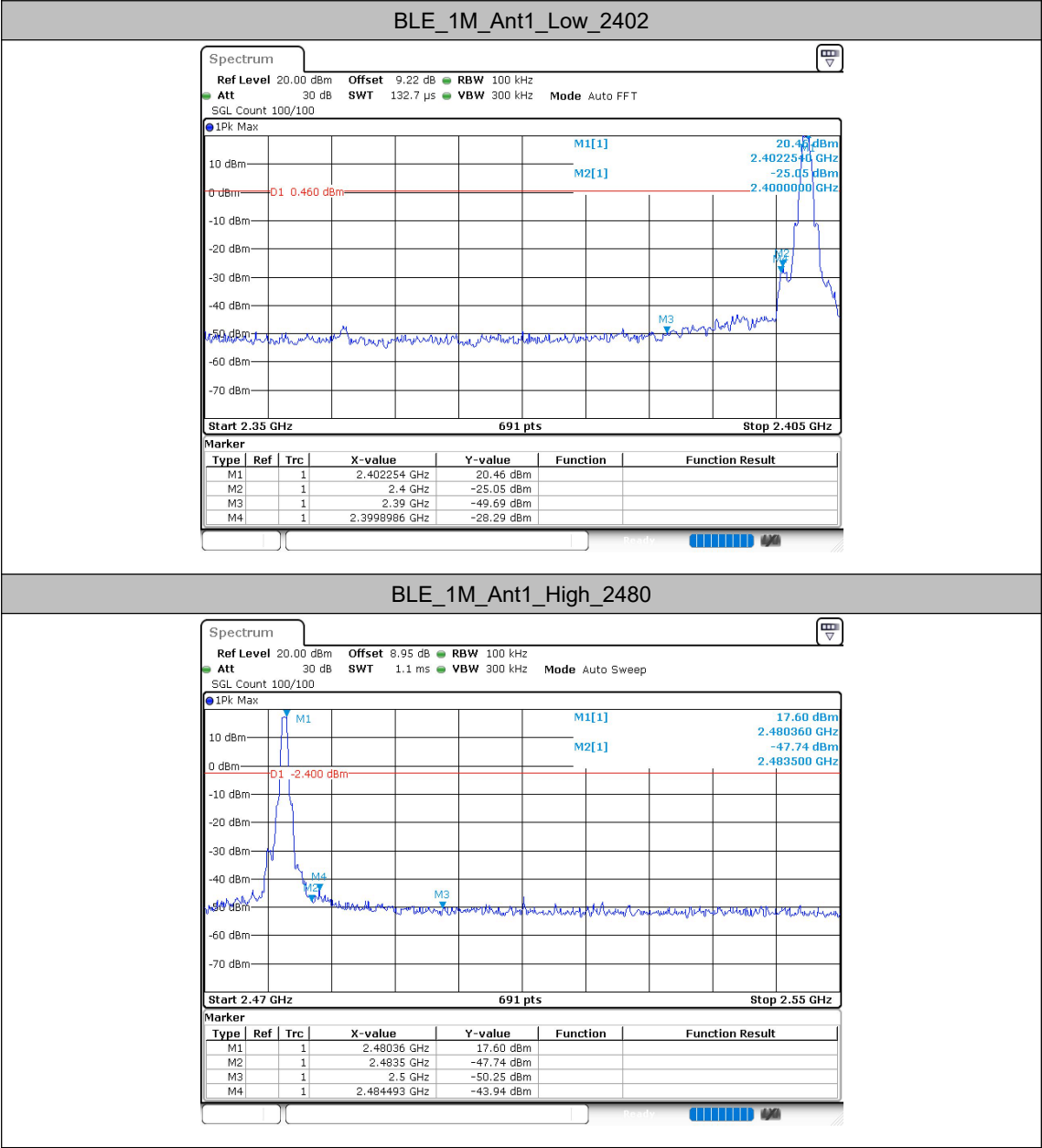


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	20.46	-28.29	≤0.46	PASS
		High	2480	17.60	-43.94	≤-2.4	PASS

Test Graphs



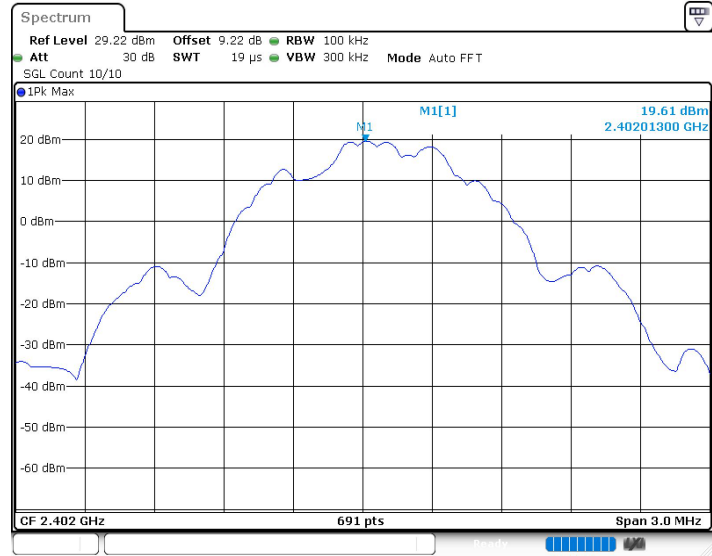
Appendix F: Conducted Spurious Emission

Test Result

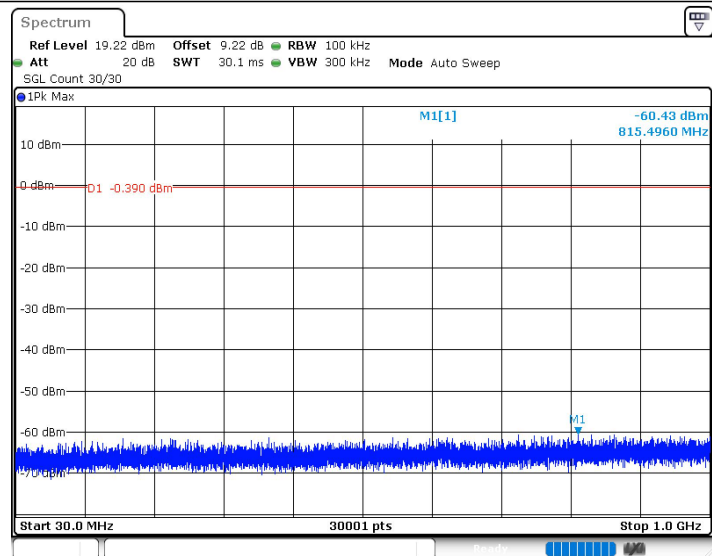
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	19.61	19.61	---	PASS
			30~1000	19.61	-60.43	≤ -0.39	PASS
			1000~26500	19.61	-35.98	≤ -0.39	PASS
		2440	Reference	18.25	18.25	---	PASS
			30~1000	18.25	-55.09	≤ -1.75	PASS
			1000~26500	18.25	-36.65	≤ -1.75	PASS
		2480	Reference	16.61	16.61	---	PASS
			30~1000	16.61	-60.87	≤ -3.39	PASS
			1000~26500	16.61	-41.13	≤ -3.39	PASS

Test Graphs

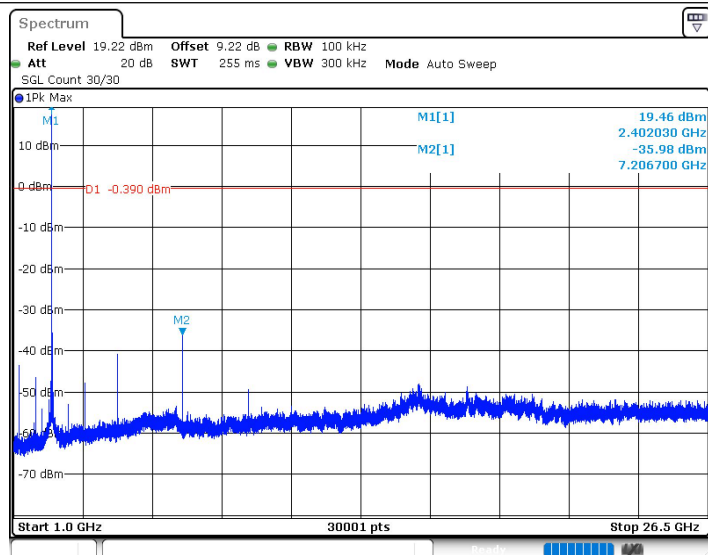
BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



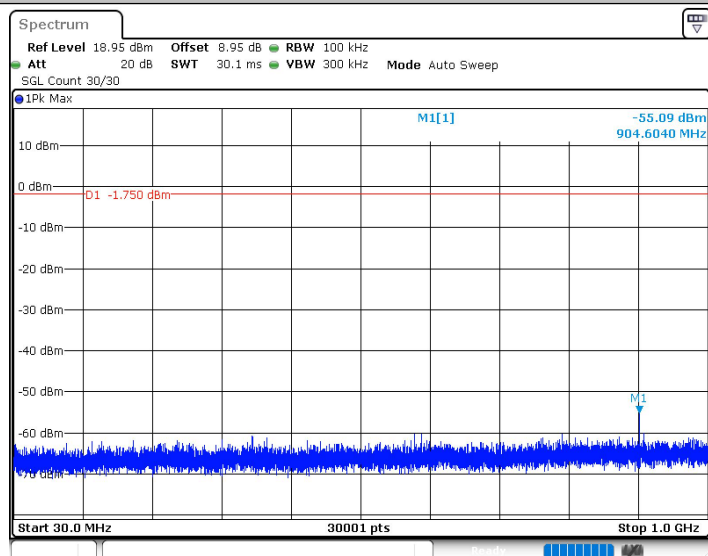
BLE_1M_Ant1_2402_1000~26500



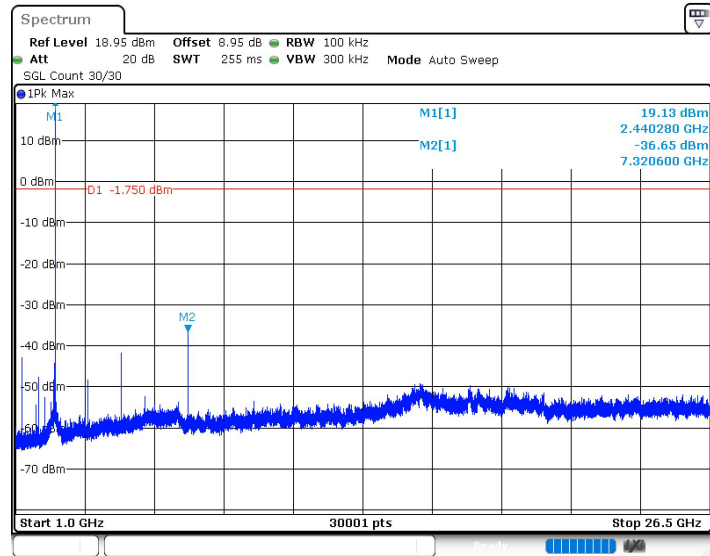
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



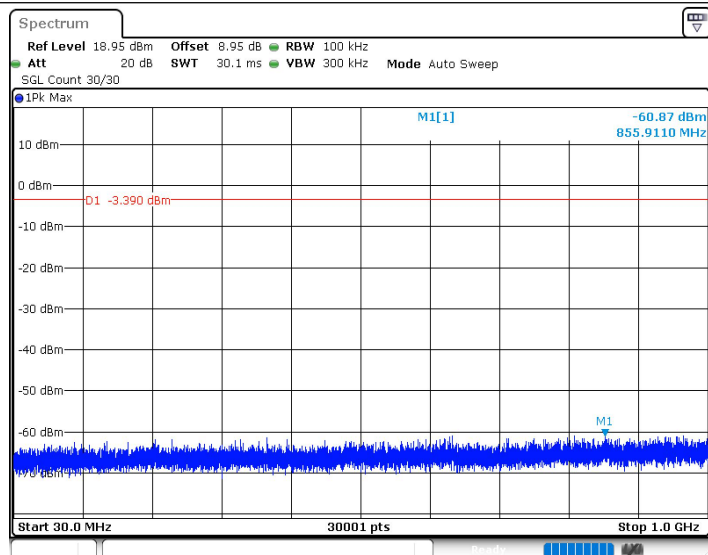
BLE_1M_Ant1_2440_1000~26500



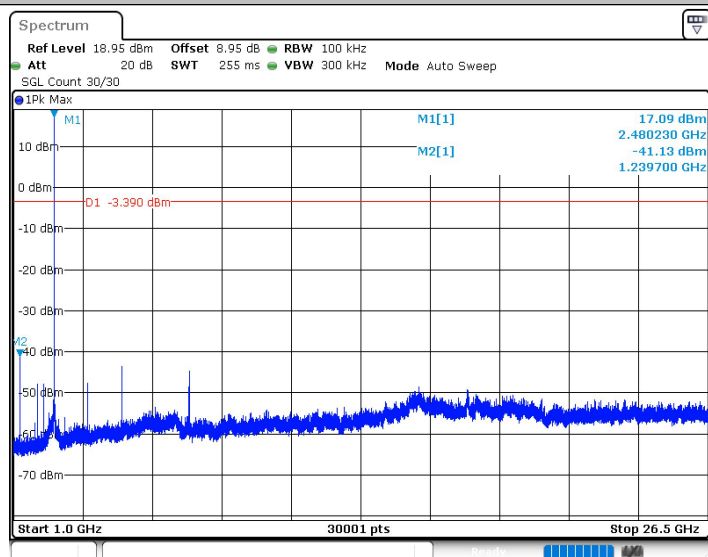
BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



BLE_1M_Ant1_2480_1000~26500

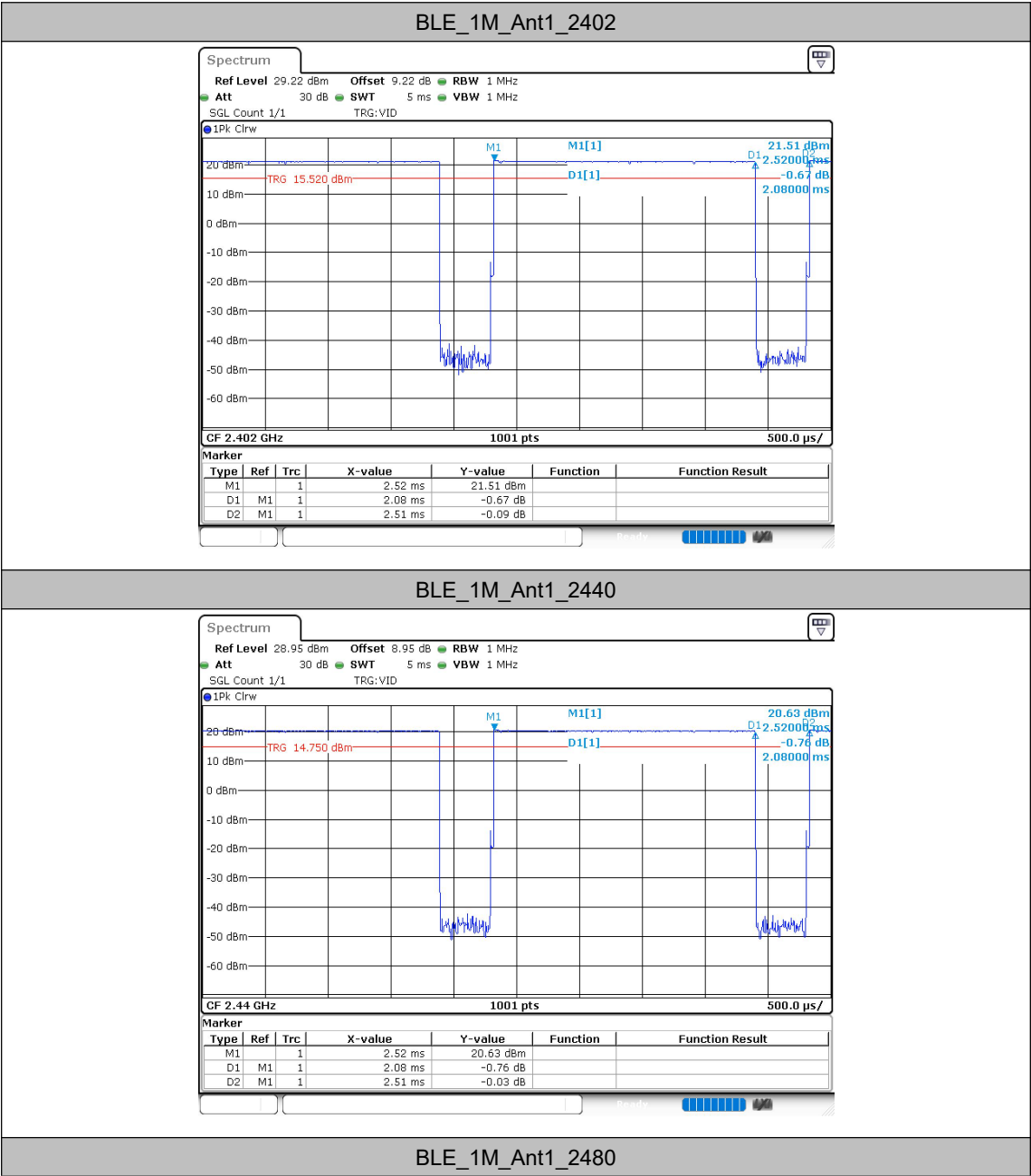


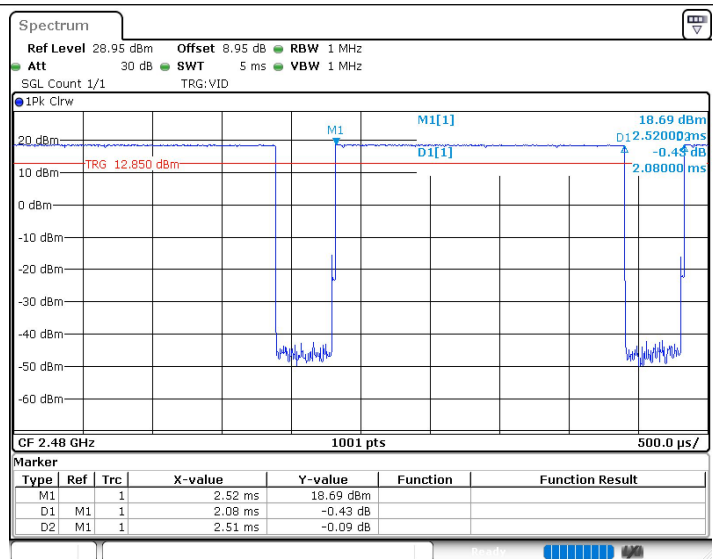
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	2.08	2.51	0.8287	82.87	0.82	---	---
		2440	2.08	2.51	0.8287	82.87	0.82	---	---
		2480	2.08	2.51	0.8287	82.87	0.82	---	---

Test Graphs





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
TestMode	Antenna	ChName	Channel	Detector	Freq	Result	Limit	E	Limit1	Verdict

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

Emissions in Restricted Bands measurements
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