

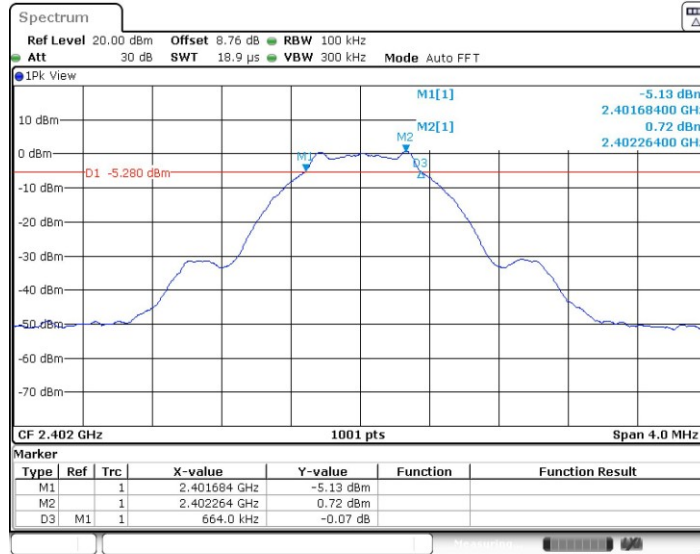
Appendix A: DTS Bandwidth

Test Result

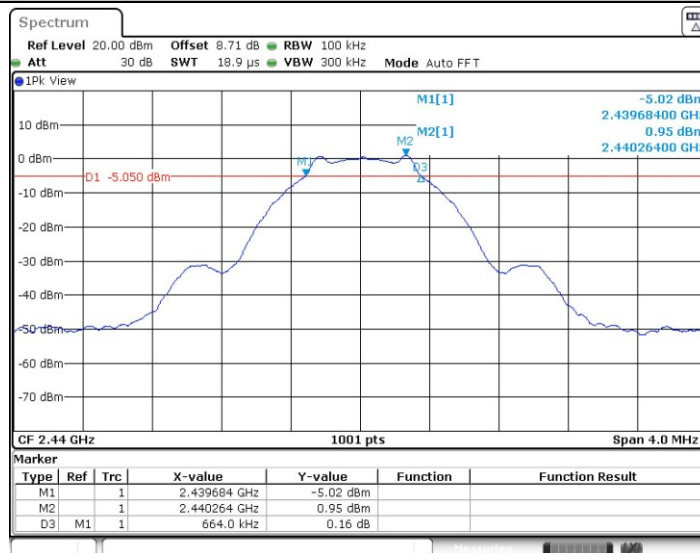
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.68	2402.35	0.5	PASS
		2440	0.66	2439.68	2440.35	0.5	PASS
		2480	0.66	2479.68	2480.34	0.5	PASS
BLE_2M	Ant1	2402	1.39	2401.32	2402.70	0.5	PASS
		2440	1.39	2439.32	2440.70	0.5	PASS
		2480	1.39	2479.31	2480.70	0.5	PASS

Test Graphs

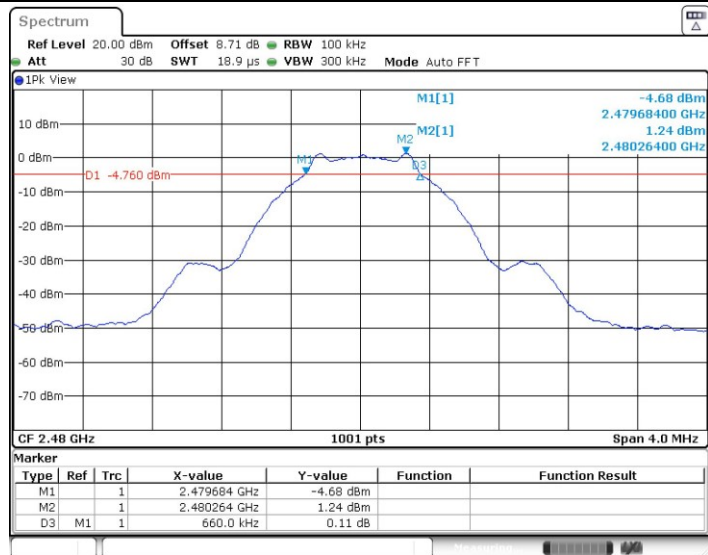
BLE_1M_Ant1_2402



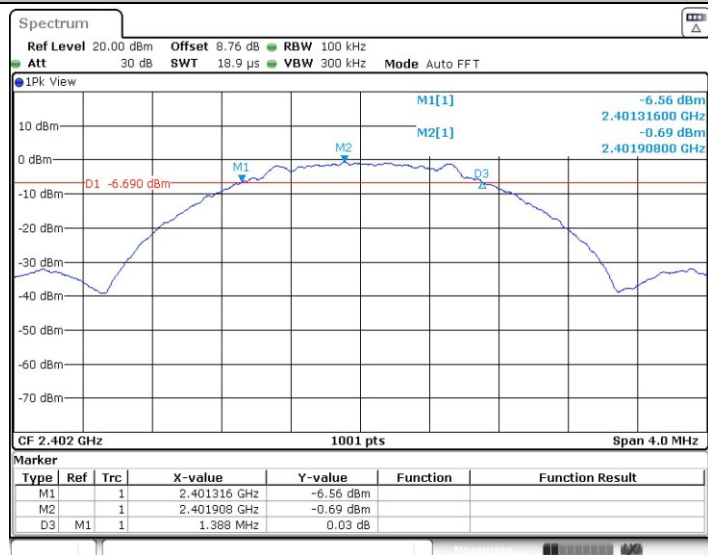
BLE_1M_Ant1_2440



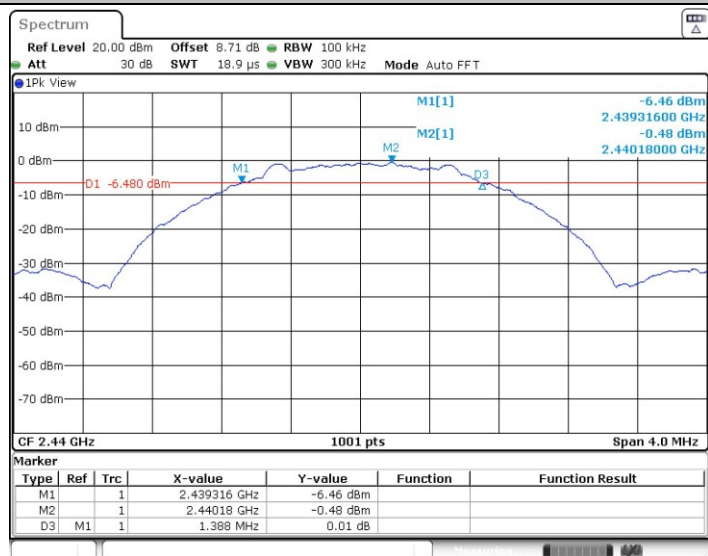
BLE_1M_Ant1_2480



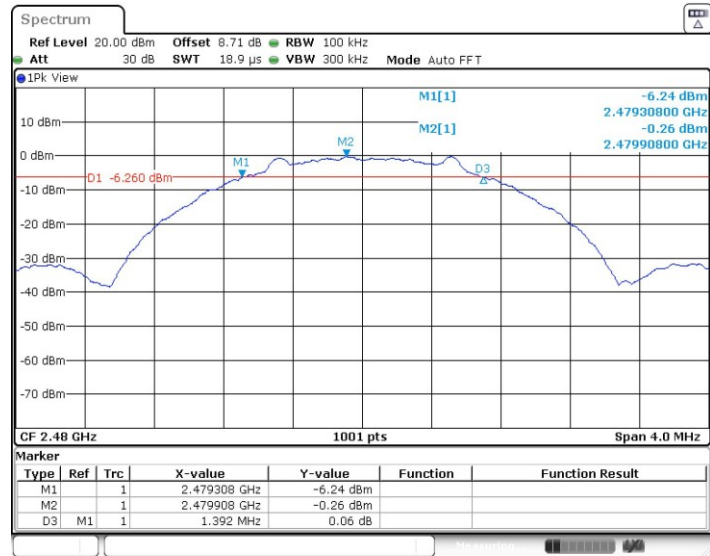
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



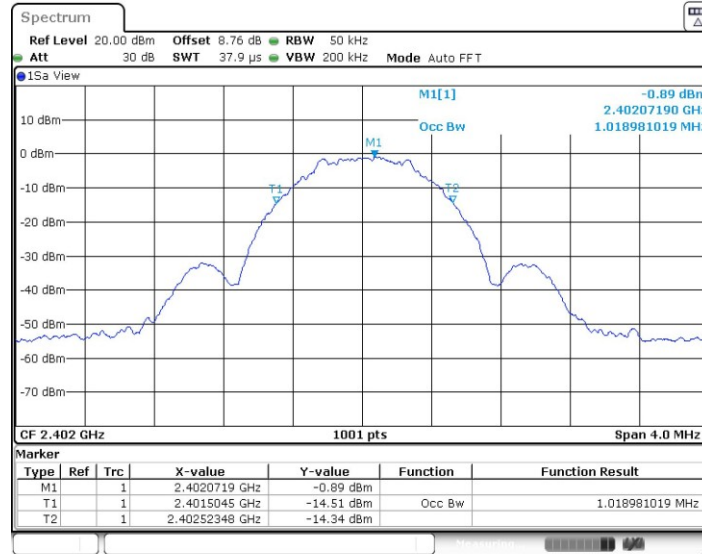
Appendix B: Occupied Channel Bandwidth

Test Result

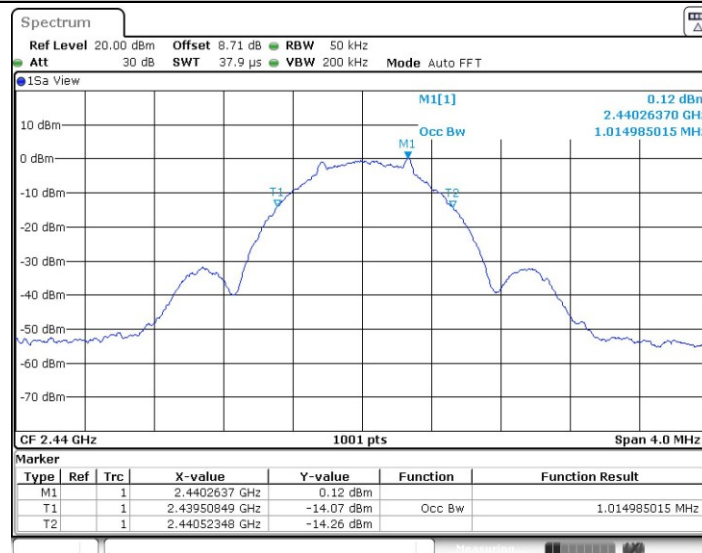
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.019	2401.505	2402.524	---	---
		2440	1.015	2439.509	2440.524	---	---
		2480	1.015	2479.509	2480.524	---	---
BLE_2M	Ant1	2402	2.018	2401.005	2403.023	---	---
		2440	2.038	2438.993	2441.031	---	---
		2480	2.03	2479.001	2481.031	---	---

Test Graphs

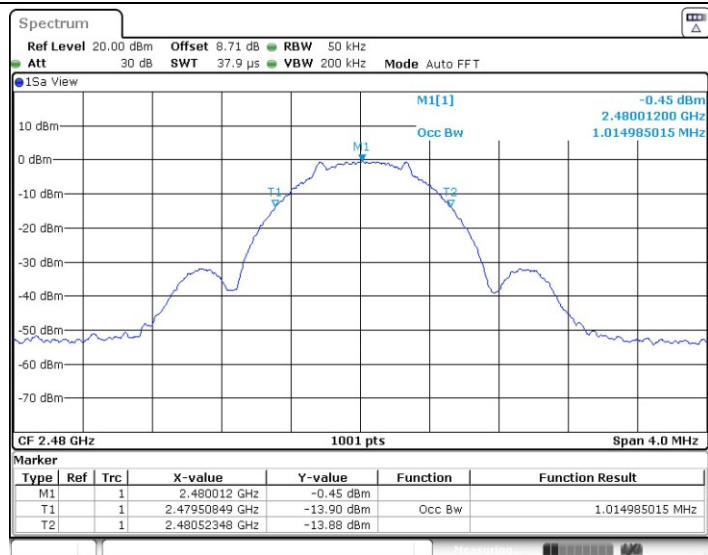
BLE_1M_Ant1_2402



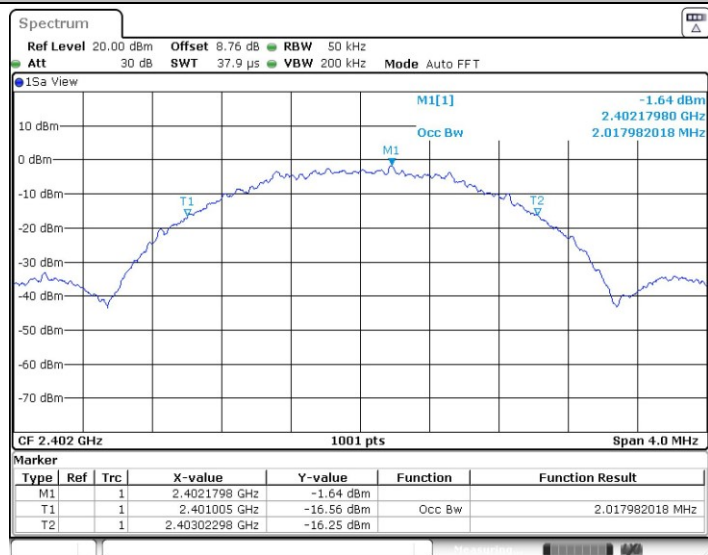
BLE_1M_Ant1_2440



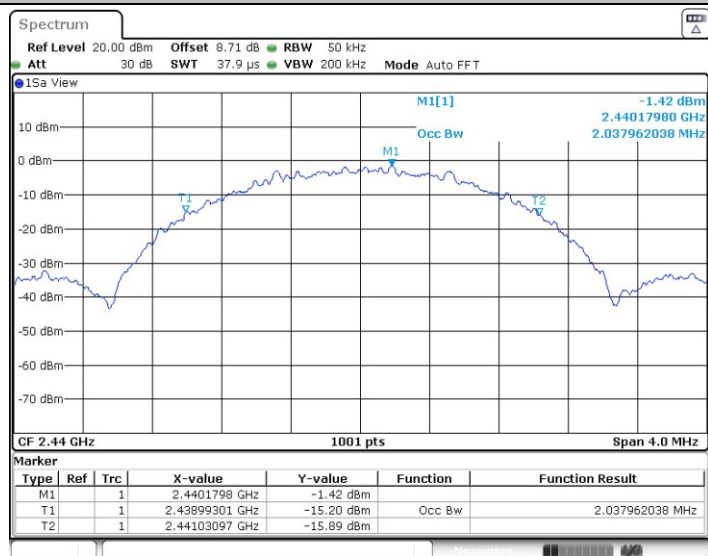
BLE_1M_Ant1_2480



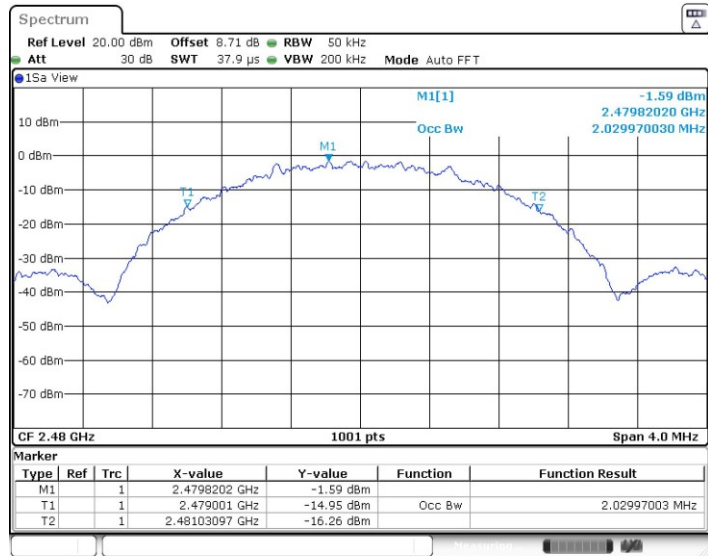
BLE_2M_Ant1_2402



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	0.77	≤30	PASS
		2440	1.12	≤30	PASS
		2480	1.34	≤30	PASS
BLE_2M	Ant1	2402	0.76	≤30	PASS
		2440	1.13	≤30	PASS
		2480	1.35	≤30	PASS

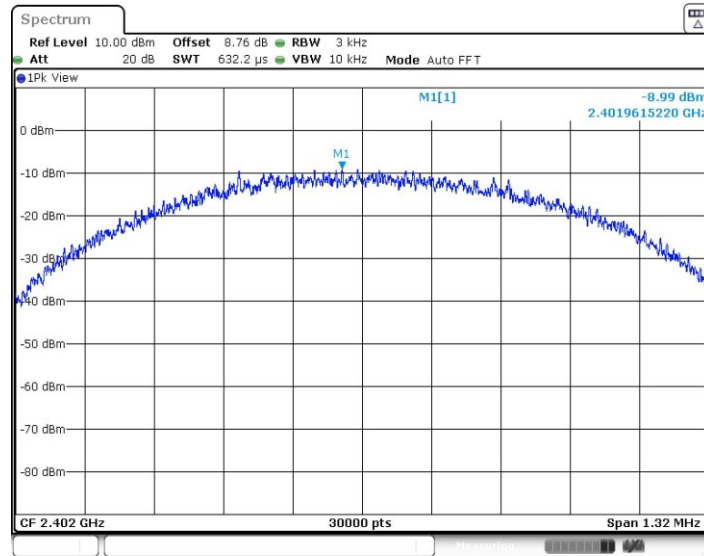
Appendix D: Maximum power spectral density

Test Result

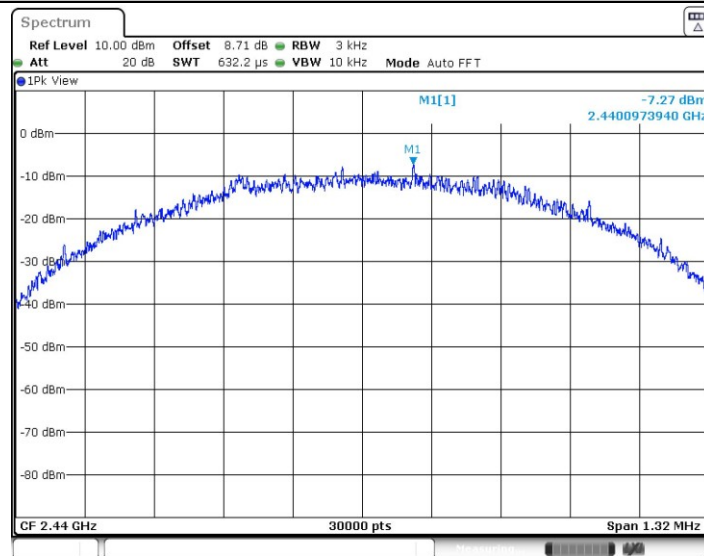
TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.99	≤8.00	PASS
		2440	-7.27	≤8.00	PASS
		2480	-6.3	≤8.00	PASS
BLE_2M	Ant1	2402	-11.86	≤8.00	PASS
		2440	-10.75	≤8.00	PASS
		2480	-10.79	≤8.00	PASS

Test Graphs

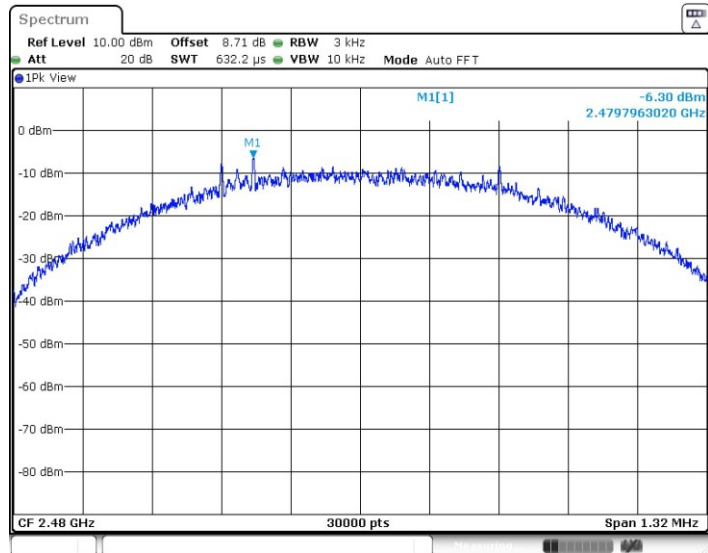
BLE_1M_Ant1_2402



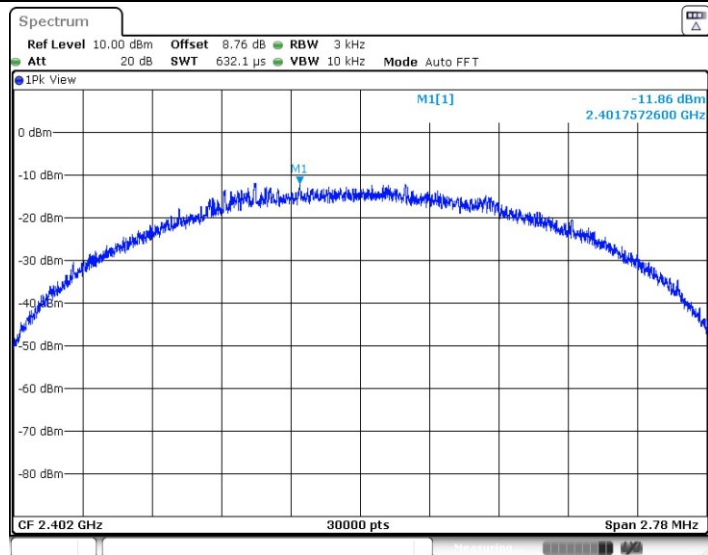
BLE_1M_Ant1_2440



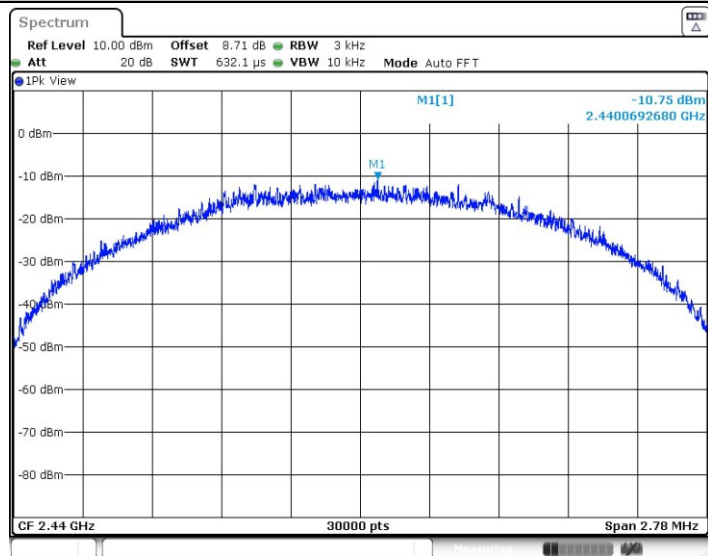
BLE_1M_Ant1_2480



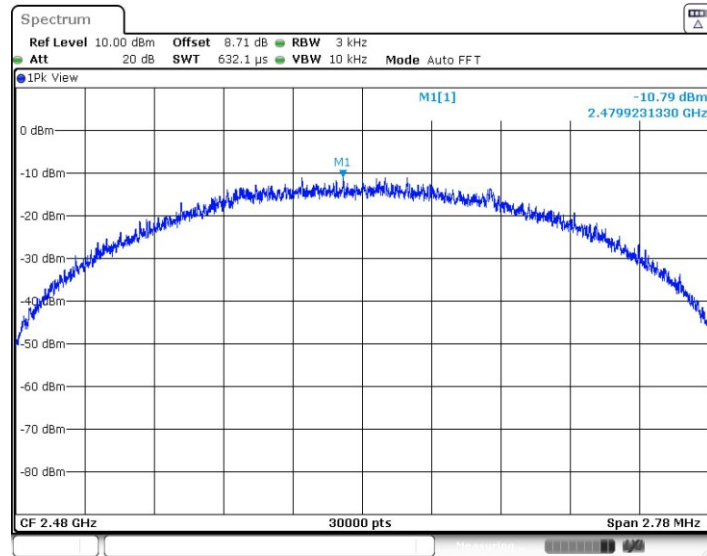
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



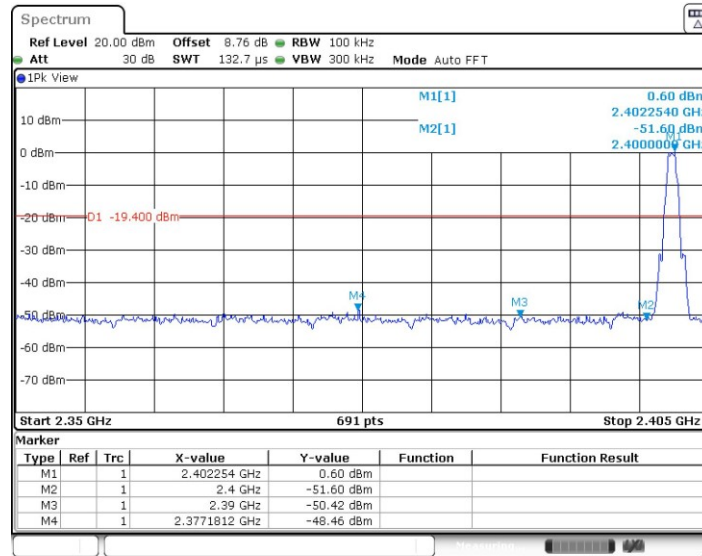
Appendix E: Band edge measurements

Test Result

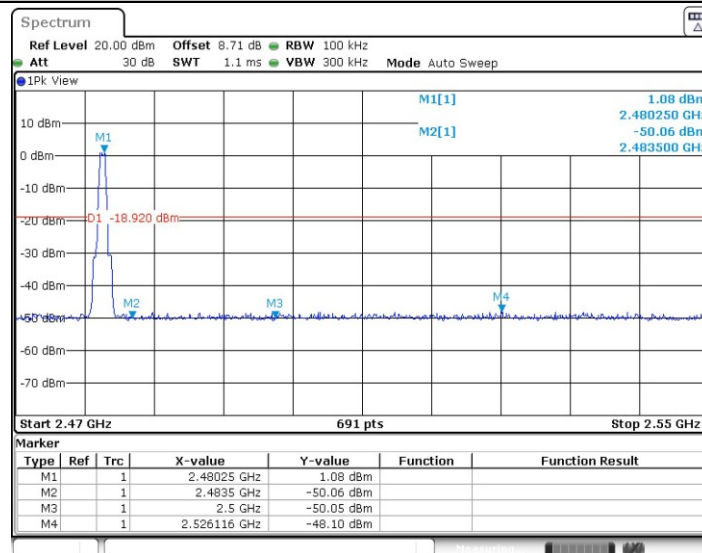
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.60	-48.46	≤-19.4	PASS
		High	2480	1.08	-48.1	≤-18.92	PASS
BLE_2M	Ant1	Low	2402	-1.14	-35.35	≤-21.14	PASS
		High	2480	-0.05	-46.84	≤-20.05	PASS

Test Graphs

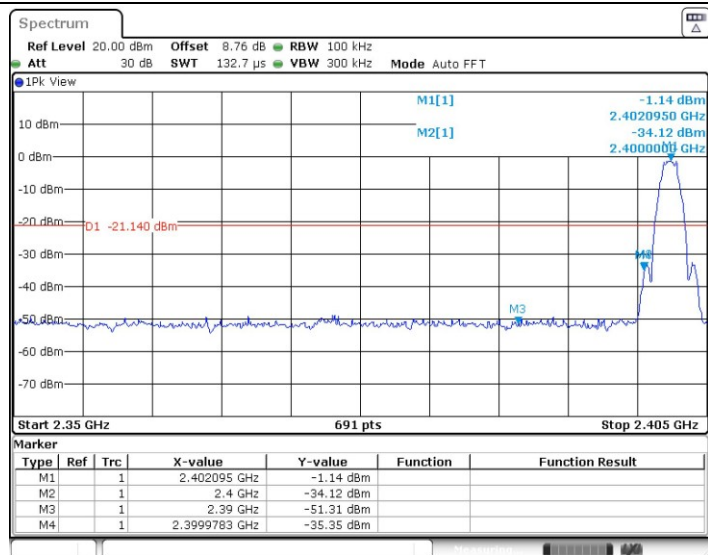
BLE_1M_Ant1_Low_2402



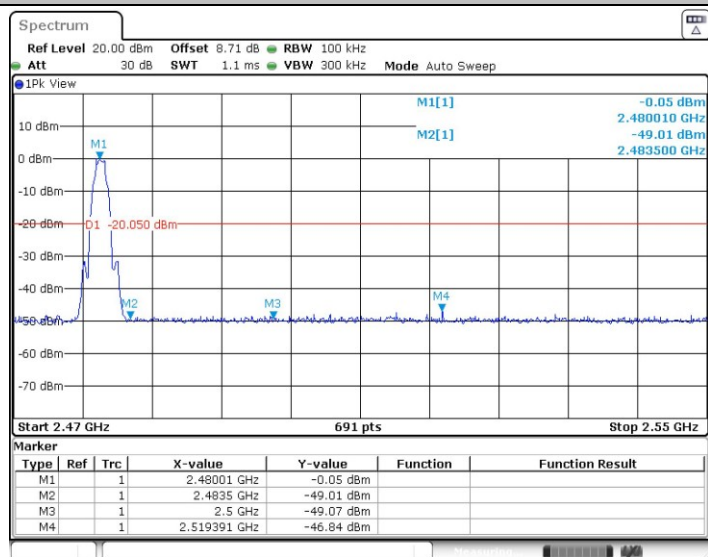
BLE_1M_Ant1_High_2480



BLE_2M_Ant1_Low_2402



BLE_2M_Ant1_High_2480



Appendix F: Conducted Spurious Emission

Test Result

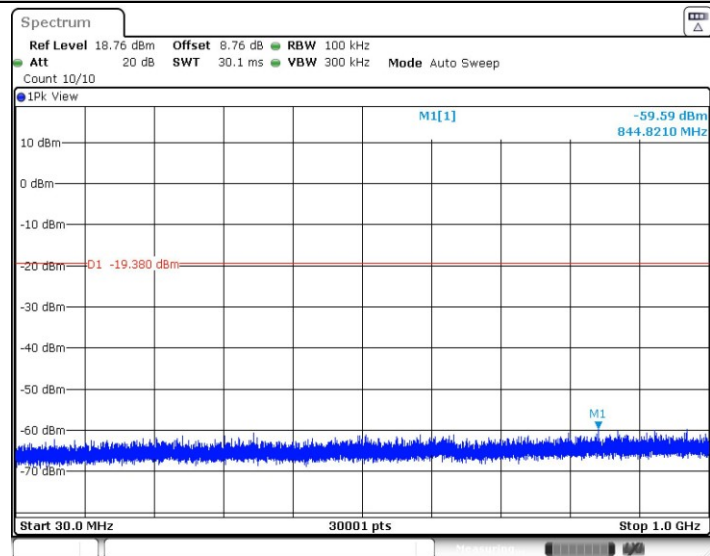
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	0.62	0.62	---	PASS
			30~1000	0.62	-59.59	≤-19.38	PASS
			1000~26500	0.62	-49.21	≤-19.38	PASS
		2440	Reference	0.97	0.97	---	PASS
			30~1000	0.97	-59.46	≤-19.03	PASS
			1000~26500	0.97	-47.84	≤-19.03	PASS
		2480	Reference	1.11	1.11	---	PASS
			30~1000	1.11	-60.21	≤-18.89	PASS
			1000~26500	1.11	-47.98	≤-18.89	PASS
BLE_2M	Ant1	2402	Reference	-0.63	-0.63	---	PASS
			30~1000	-0.63	-60.12	≤-20.63	PASS
			1000~26500	-0.63	-49.18	≤-20.63	PASS
		2440	Reference	-0.26	-0.26	---	PASS
			30~1000	-0.26	-59.75	≤-20.26	PASS
			1000~26500	-0.26	-49.19	≤-20.26	PASS
		2480	Reference	-0.13	-0.13	---	PASS
			30~1000	-0.13	-59.88	≤-20.13	PASS
			1000~26500	-0.13	-49.07	≤-20.13	PASS

Test Graphs

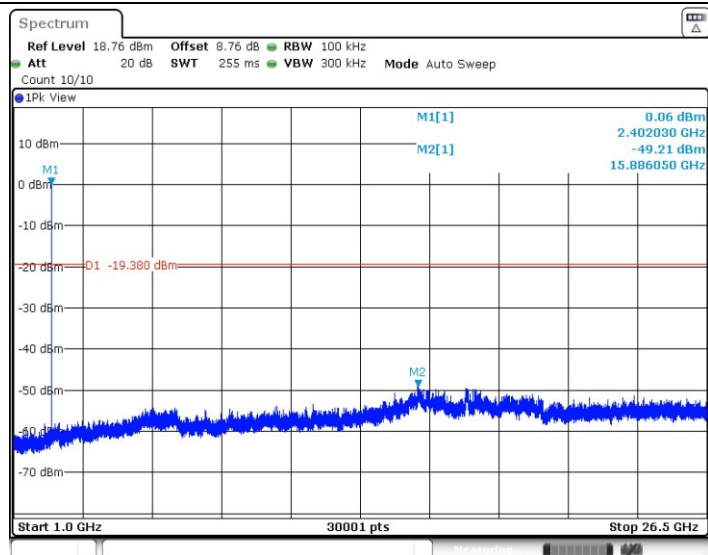
BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



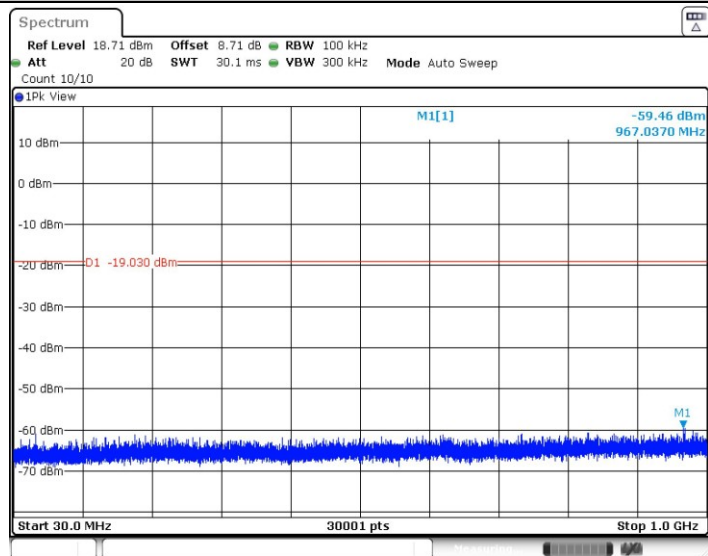
BLE_1M_Ant1_2402_1000~26500



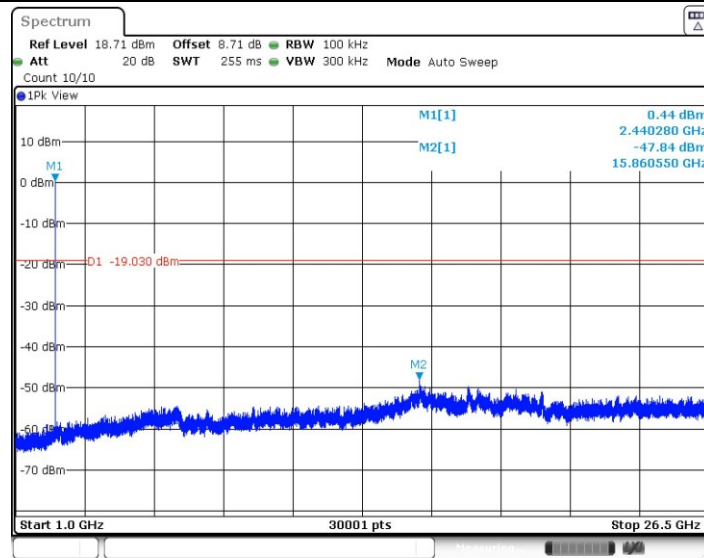
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



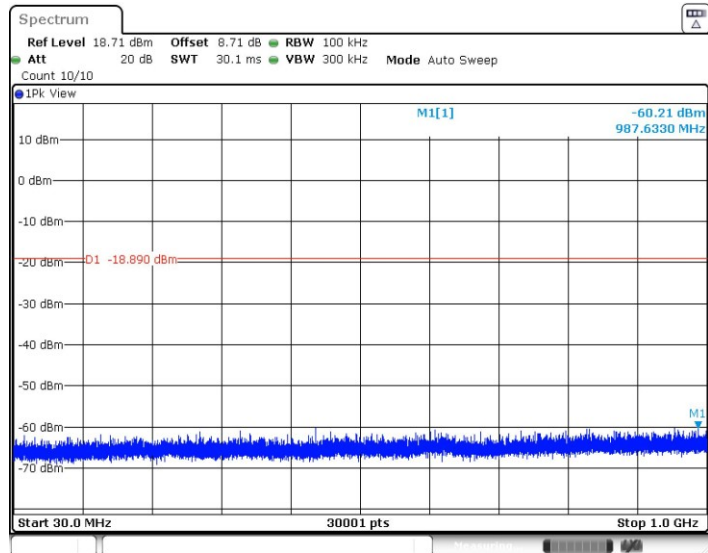
BLE_1M_Ant1_2440_1000~26500



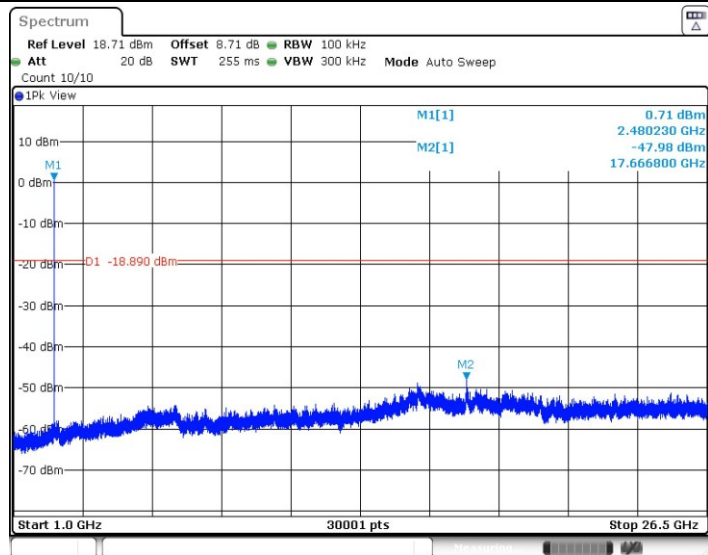
BLE_1M_Ant1_2480_0~Reference



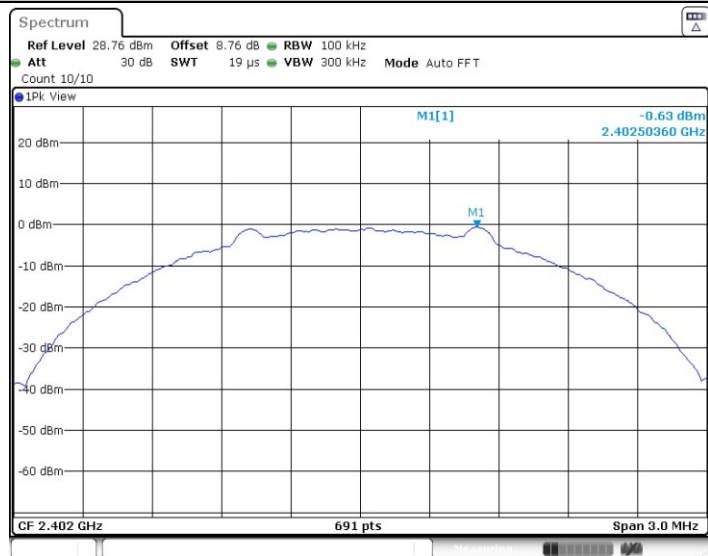
BLE_1M_Ant1_2480_30~1000



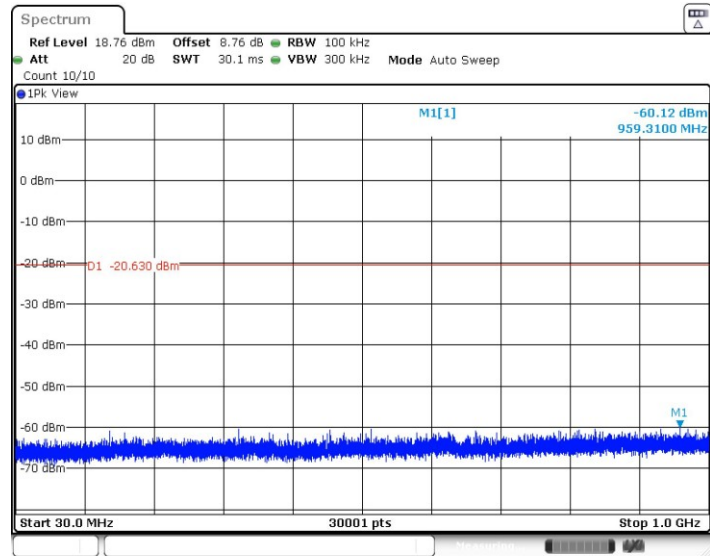
BLE_1M_Ant1_2480_1000~26500



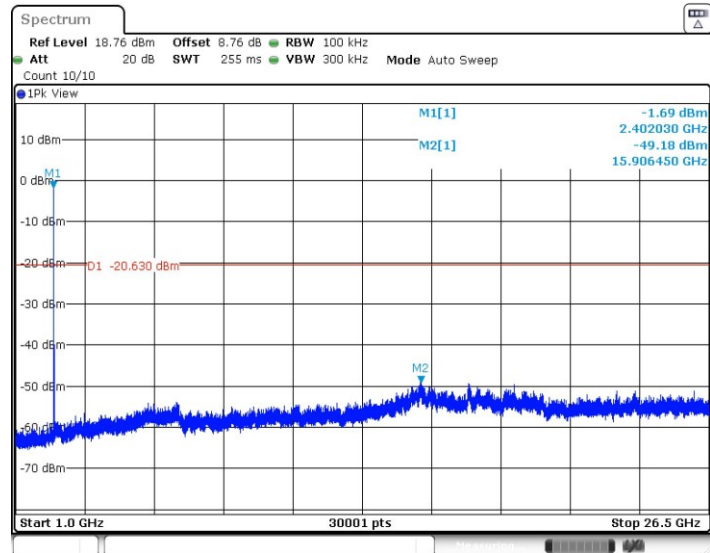
BLE_2M_Ant1_2402_0~Reference



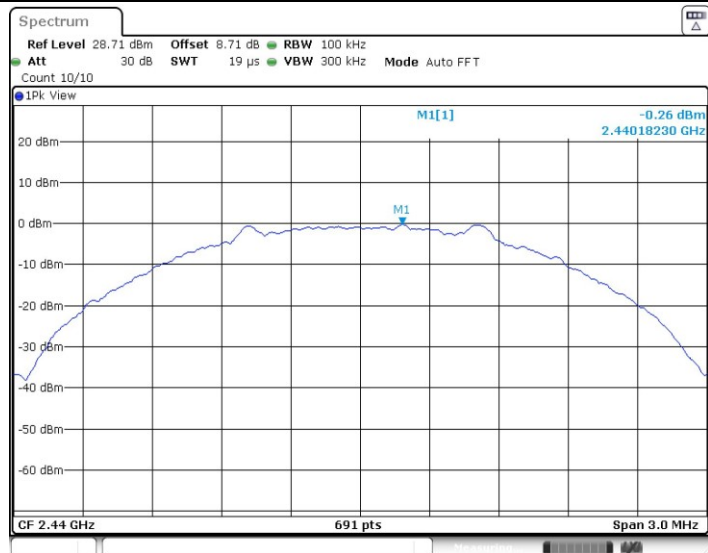
BLE_2M_Ant1_2402_30~1000



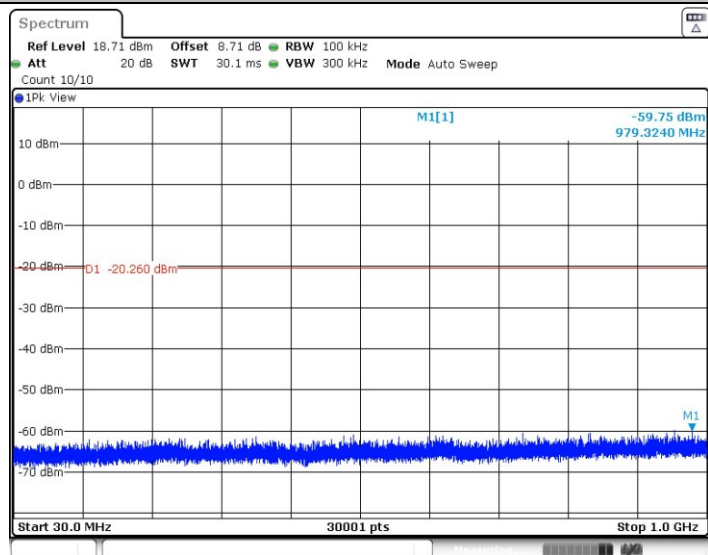
BLE_2M_Ant1_2402_1000~26500



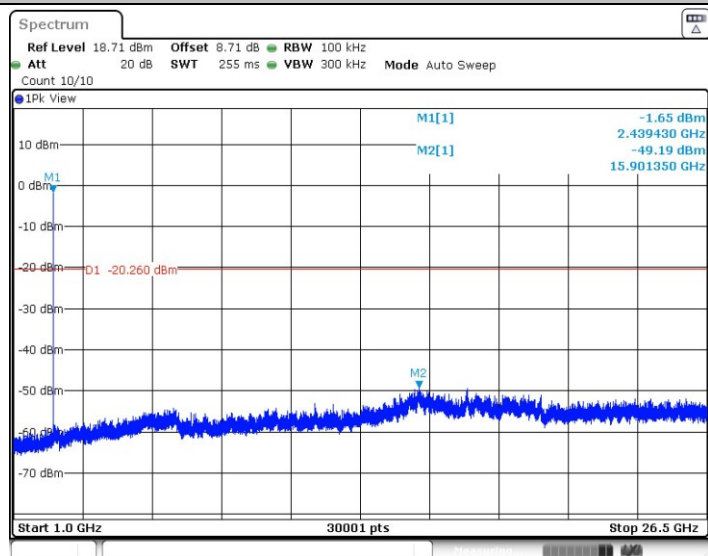
BLE_2M_Ant1_2440_0~Reference



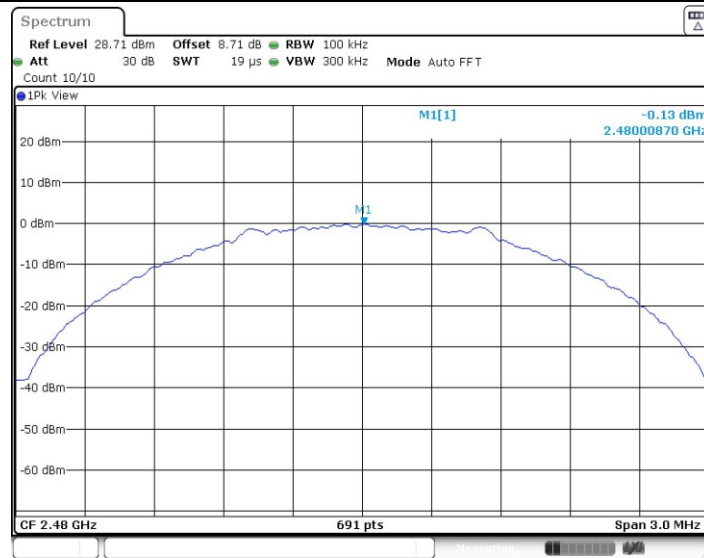
BLE_2M_Ant1_2440_30~1000



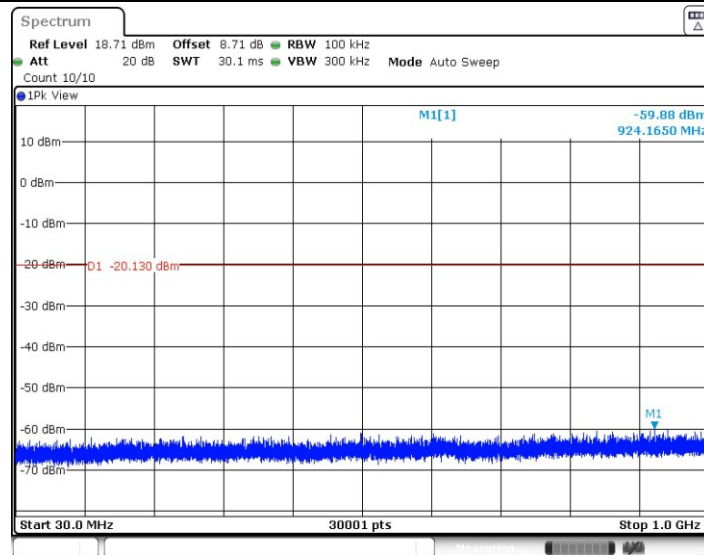
BLE_2M_Ant1_2440_1000~26500



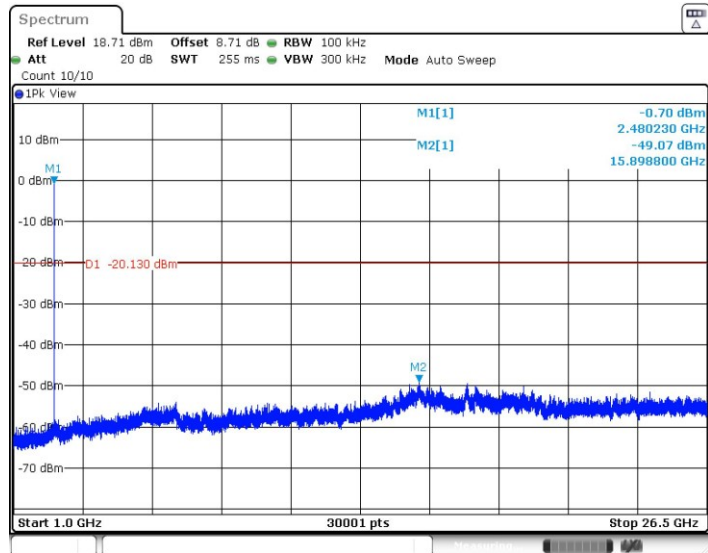
BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~26500

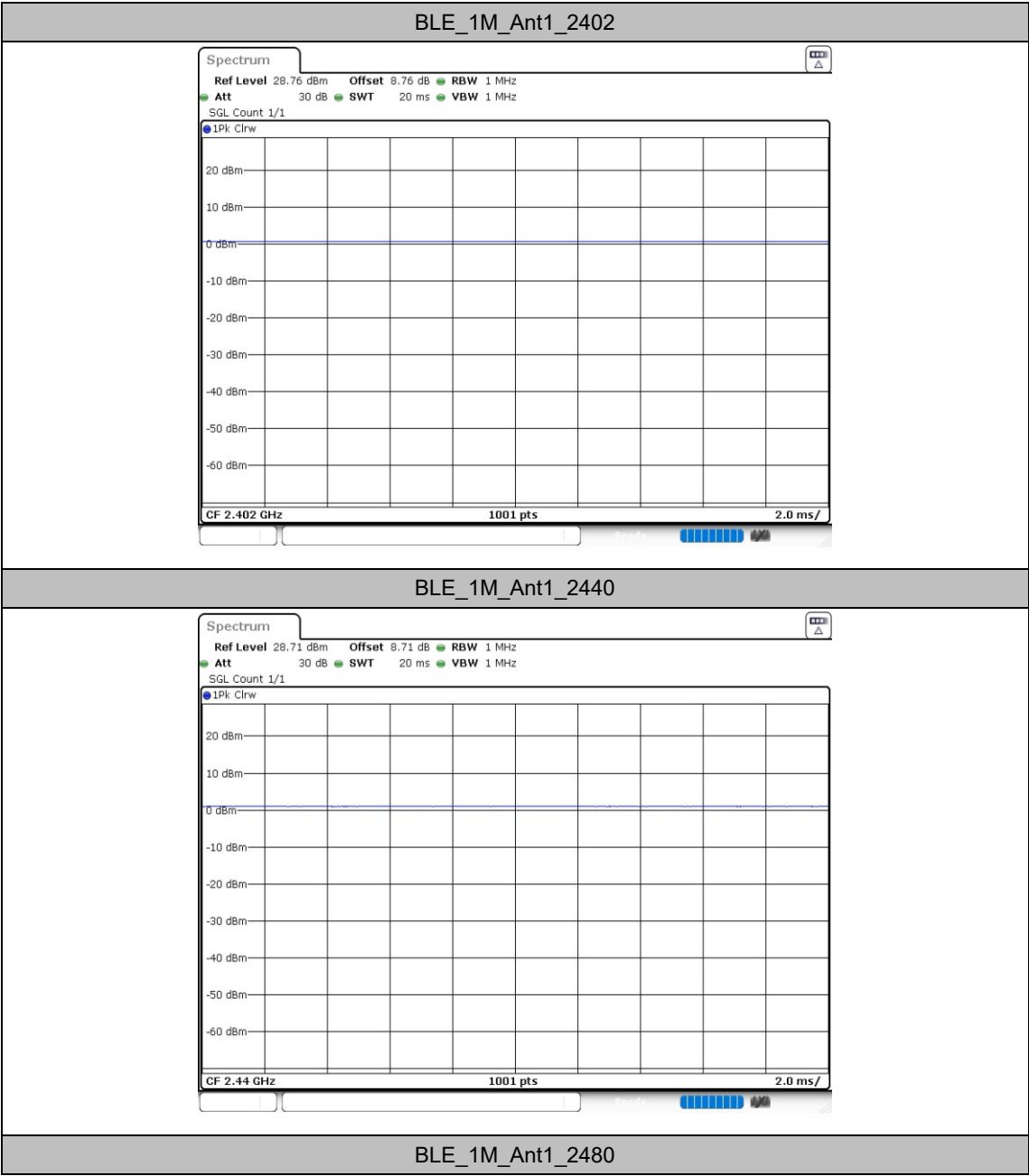


Appendix G: Duty Cycle

Test Result

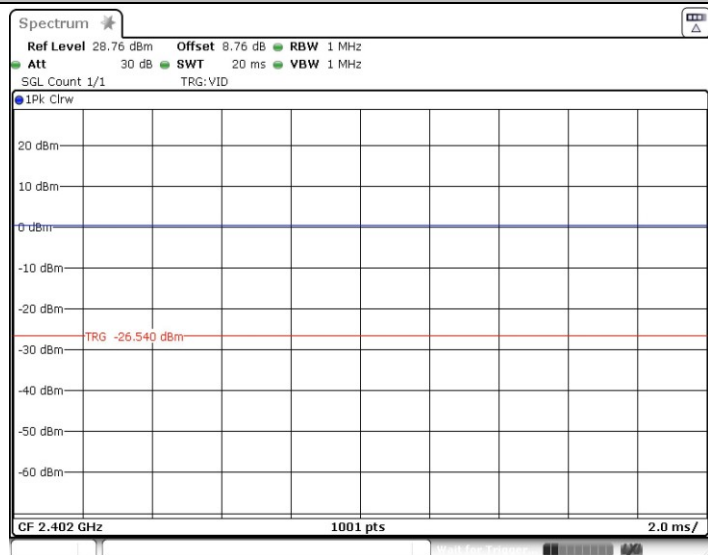
TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	50.00	50.00	NaN	100	NaN	---	---
		2440	50.00	50.00	NaN	100	NaN	---	---
		2480	50.00	50.00	NaN	100	NaN	---	---
BLE_2M	Ant1	2402	50.00	50.00	NaN	100	NaN	---	---
		2440	50.00	50.00	NaN	100	NaN	---	---
		2480	50.00	50.00	NaN	100	NaN	---	---

Test Graphs

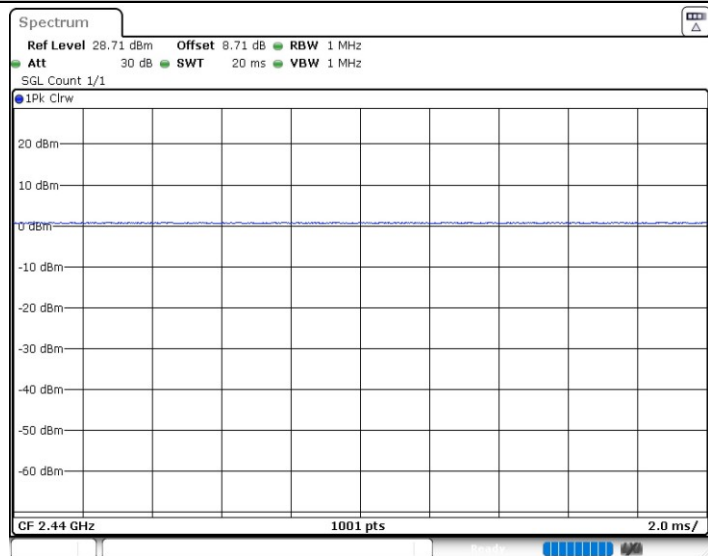




BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

