

FCC Appendix RF Test Data for BLE

FCC ID : 2BW3U-MH-001-02-RP5

Company : MYPLAYER LTD

EUT : MY MEDIA+2

Model Number : MH-001-02-RP5

Report No. : CTA26061602401

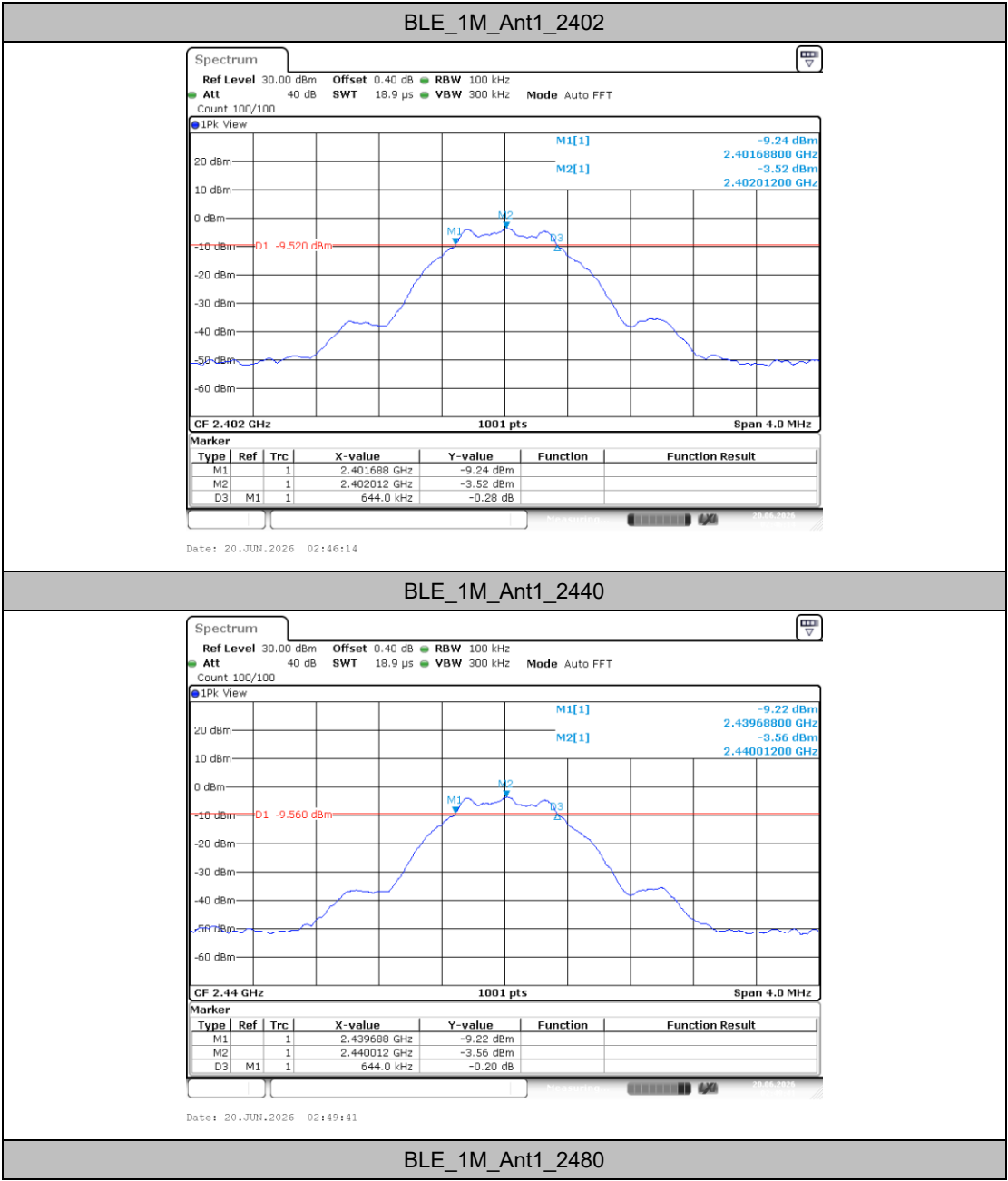
Reviewed By : Eric Wang

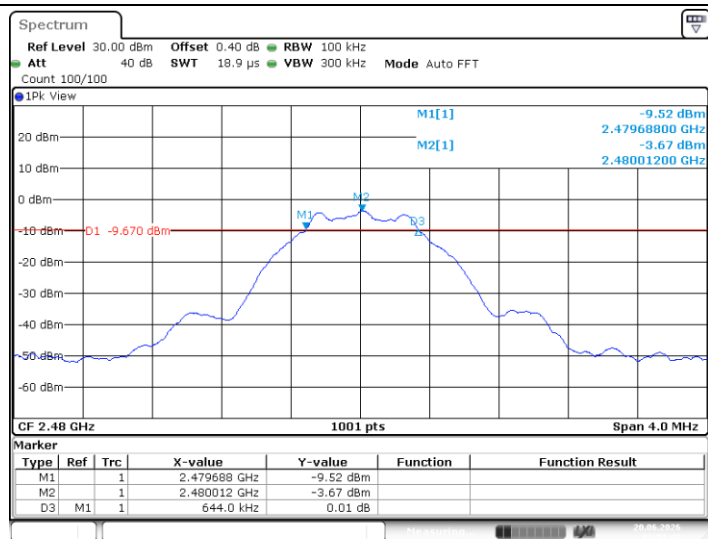
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.64	2401.69	2402.33	0.5	PASS
		2440	0.64	2439.69	2440.33	0.5	PASS
		2480	0.64	2479.69	2480.33	0.5	PASS

Test Graphs





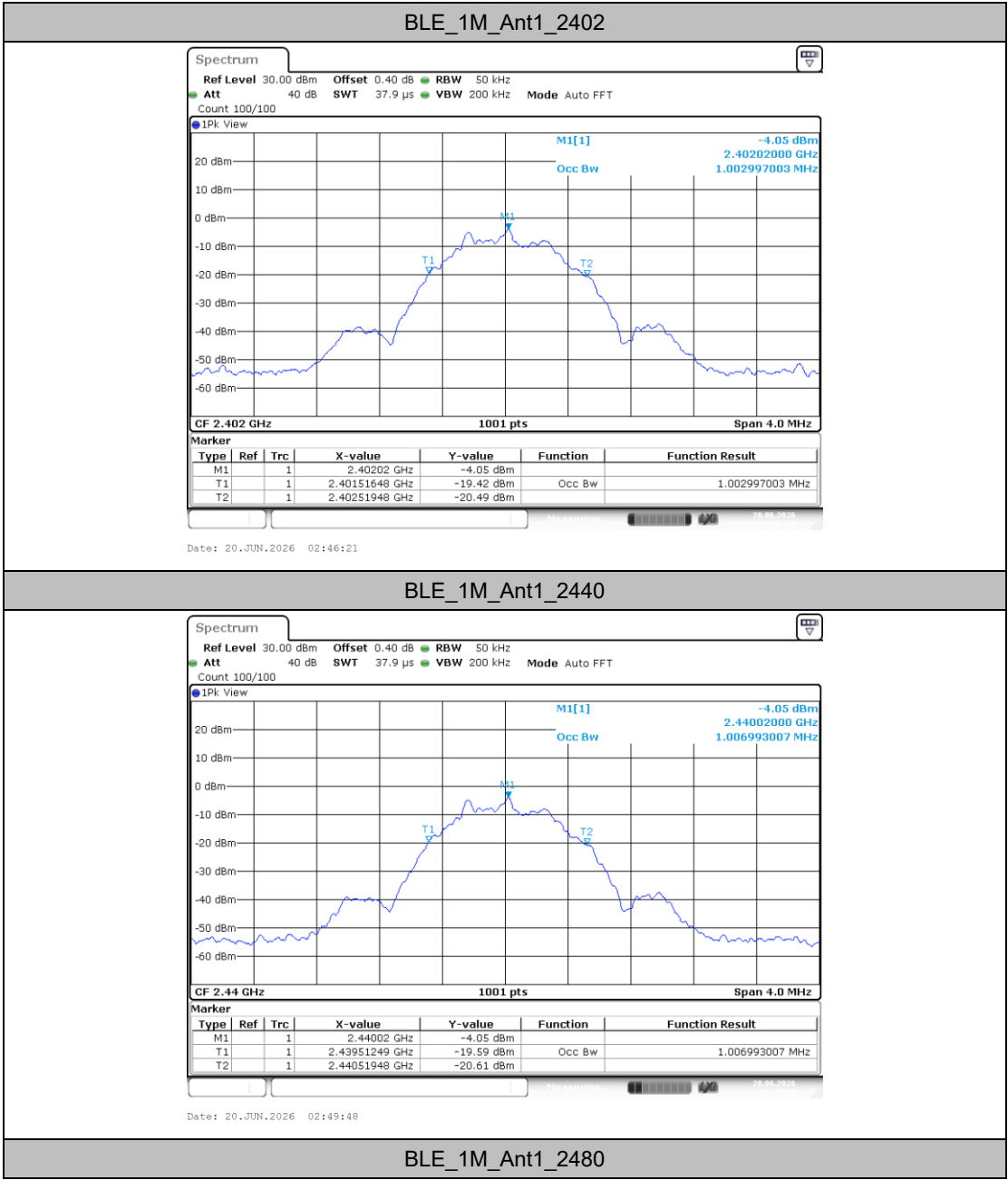
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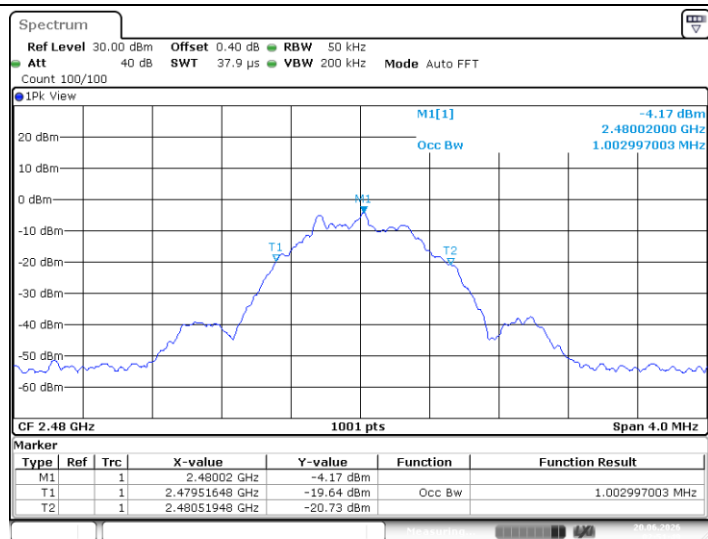
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0030	2401.5165	2402.5195	---	---
		2440	1.0070	2439.5125	2440.5195	---	---
		2480	1.0030	2479.5165	2480.5195	---	---

Test Graphs





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Appendix C: Maximum conducted output power

Test Result Peak

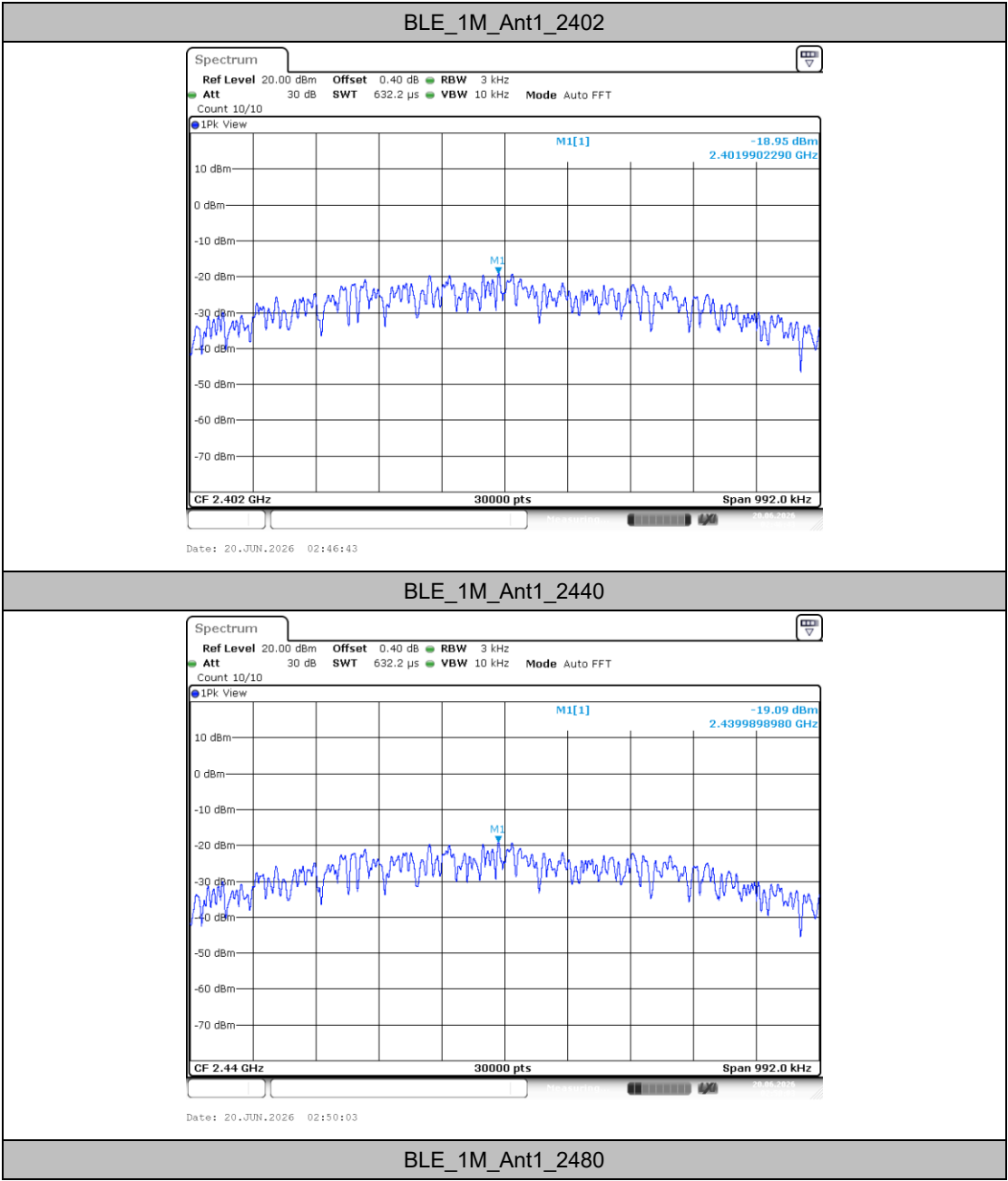
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-3.39	≤30	PASS
		2440	-3.44	≤30	PASS
		2480	-3.55	≤30	PASS

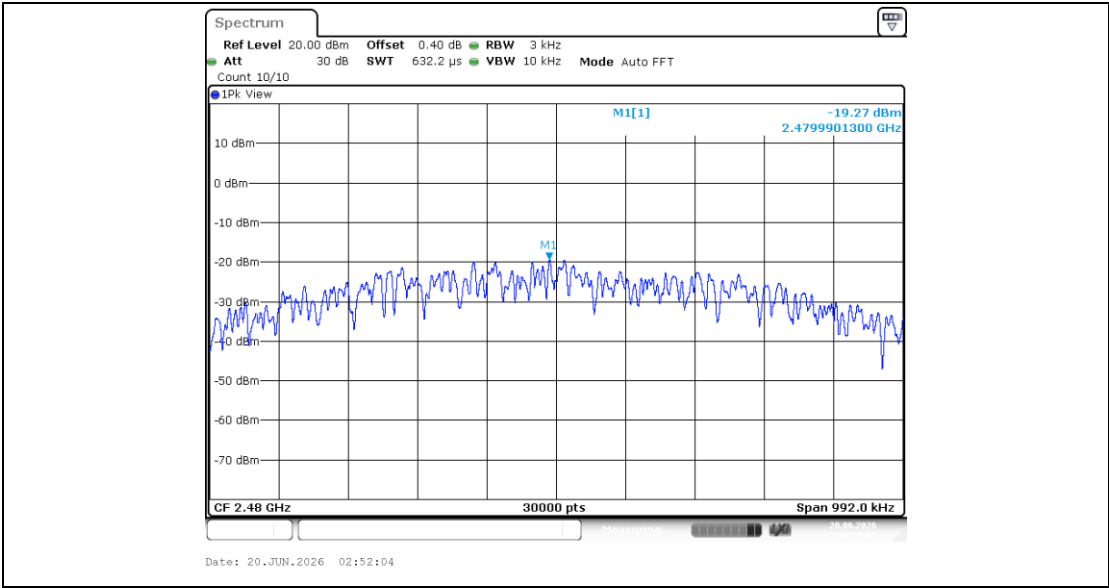
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.95	≤8.00	PASS
		2440	-19.09	≤8.00	PASS
		2480	-19.27	≤8.00	PASS

Test Graphs



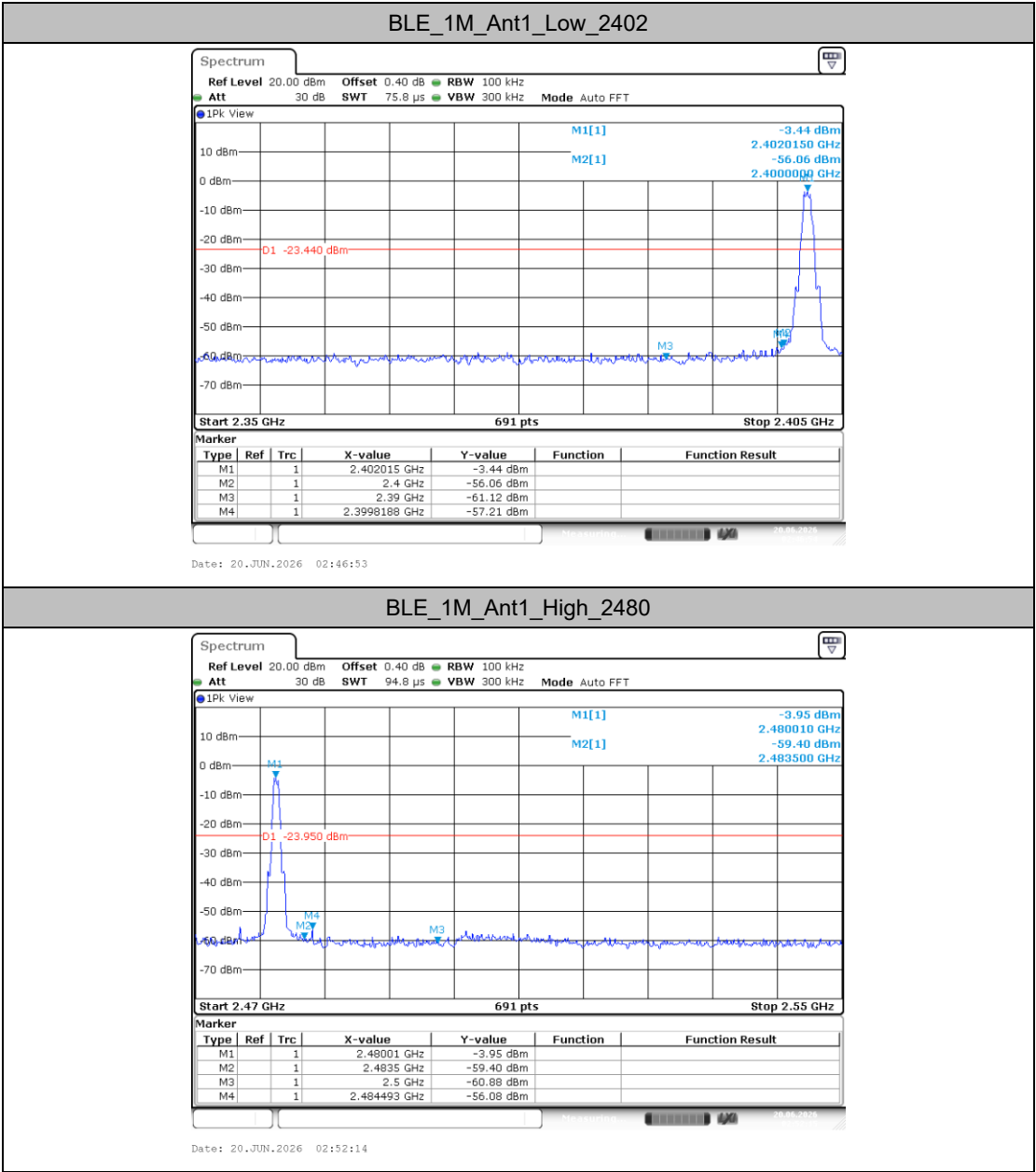


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.44	-57.21	≤-23.44	PASS
		High	2480	-3.95	-56.08	≤-23.95	PASS

Test Graphs

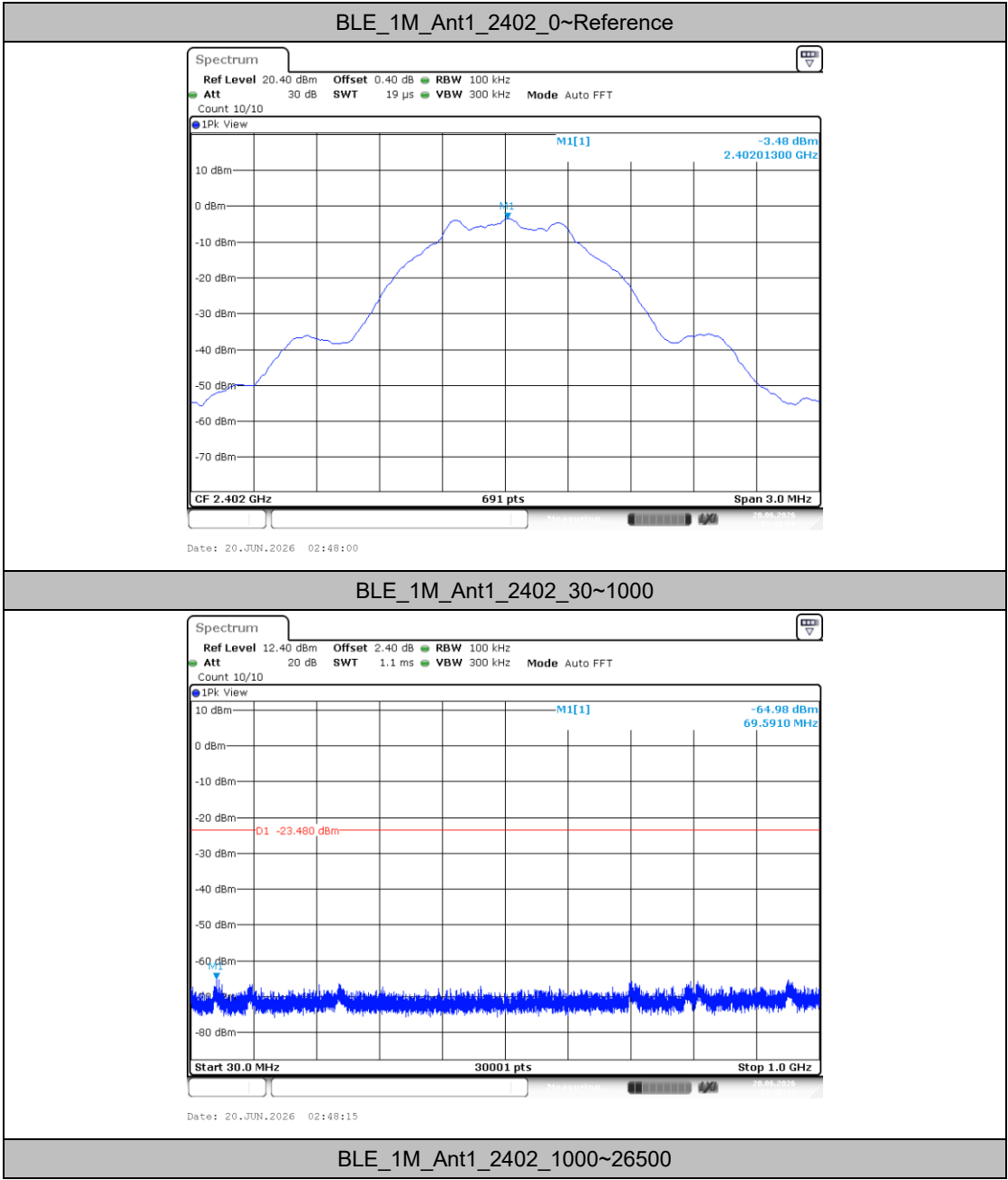


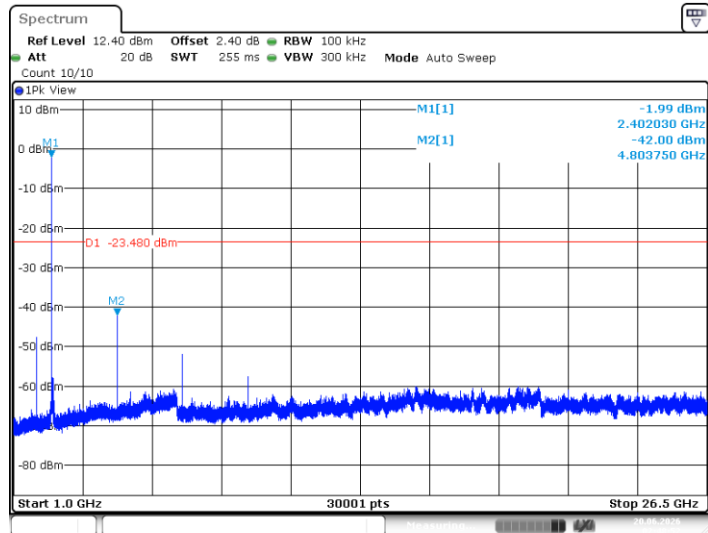
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-3.48	-3.48	---	PASS
			30~1000	-3.48	-64.98	≤-23.48	PASS
			1000~26500	-3.48	-42	≤-23.48	PASS
		2440	Reference	-3.56	-3.56	---	PASS
			30~1000	-3.56	-63.45	≤-23.56	PASS
			1000~26500	-3.56	-43.92	≤-23.56	PASS
		2480	Reference	-3.78	-3.78	---	PASS
			30~1000	-3.78	-65.46	≤-23.78	PASS
			1000~26500	-3.78	-43.92	≤-23.78	PASS

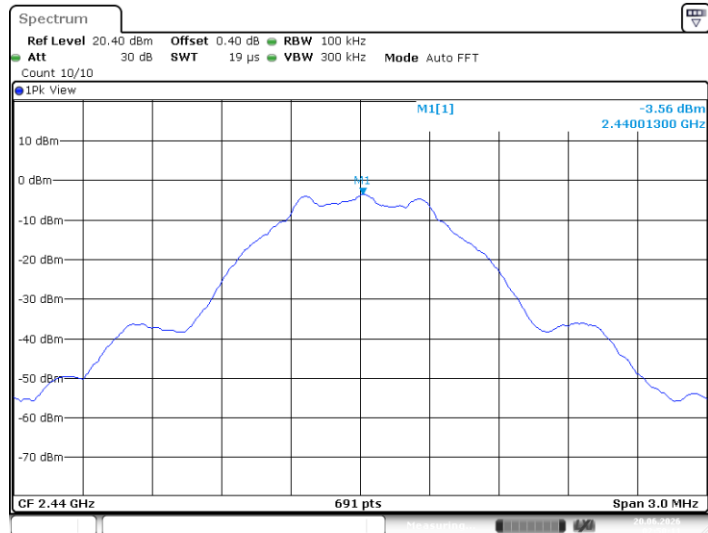
Test Graphs





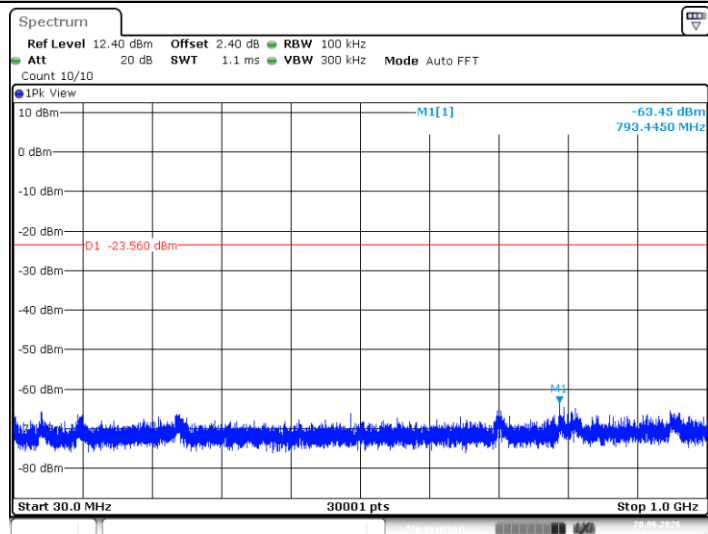
Date: 20.JUN.2026 02:48:52

BLE_1M_Ant1_2440_0~Reference



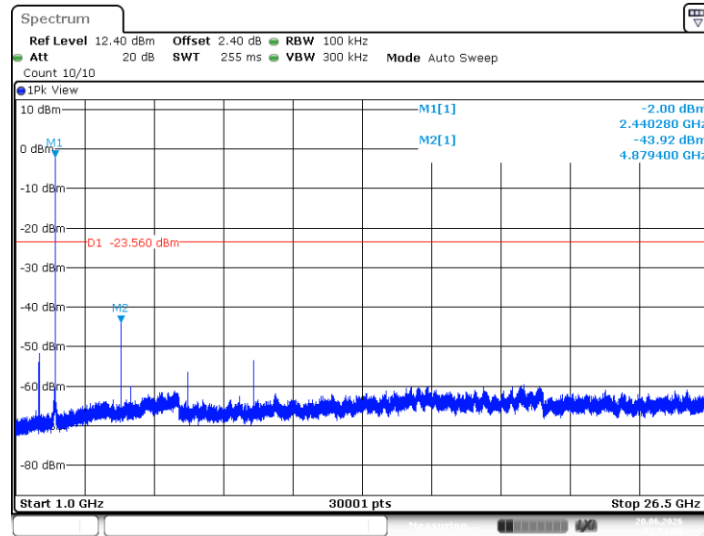
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BLE_1M_Ant1_2440_30~1000



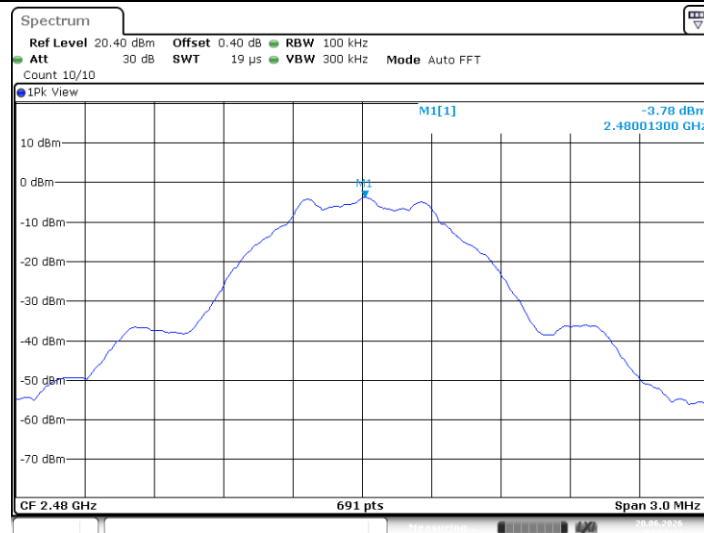
Date: 20.JUN.2026 02:50:26

BLE_1M_Ant1_2440_1000~26500



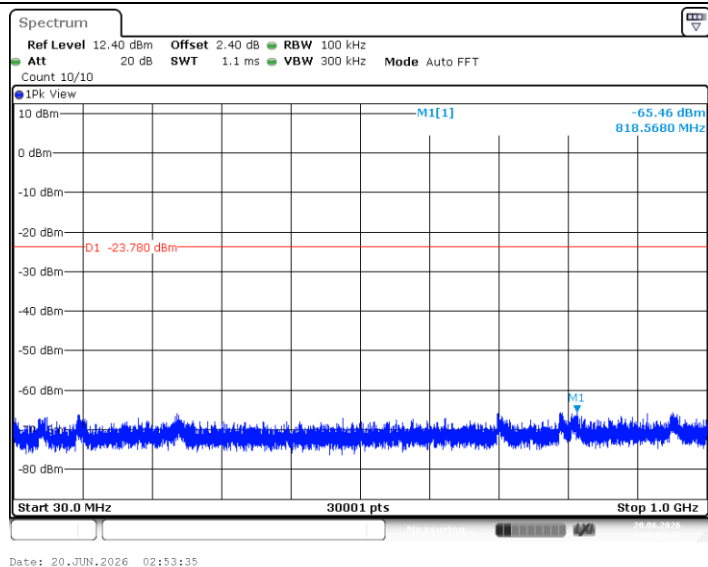
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BLE_1M_Ant1_2480_0~Reference

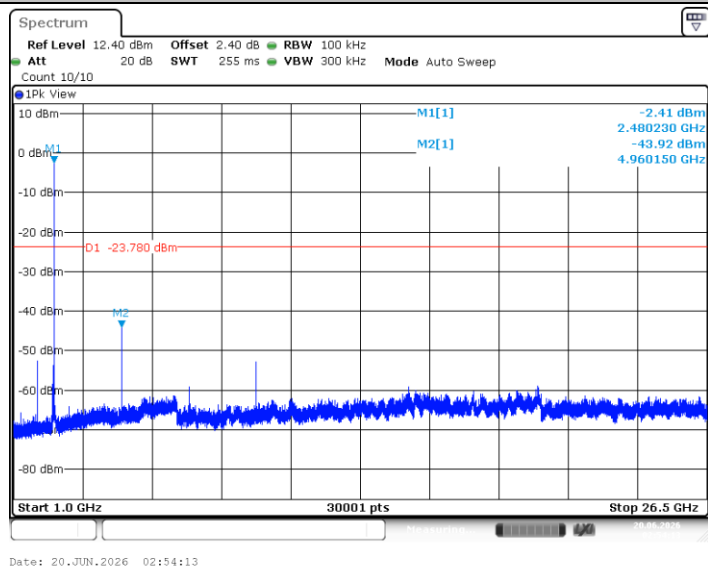


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BLE_1M_Ant1_2480_30~1000



BLE_1M_Ant1_2480_1000~26500

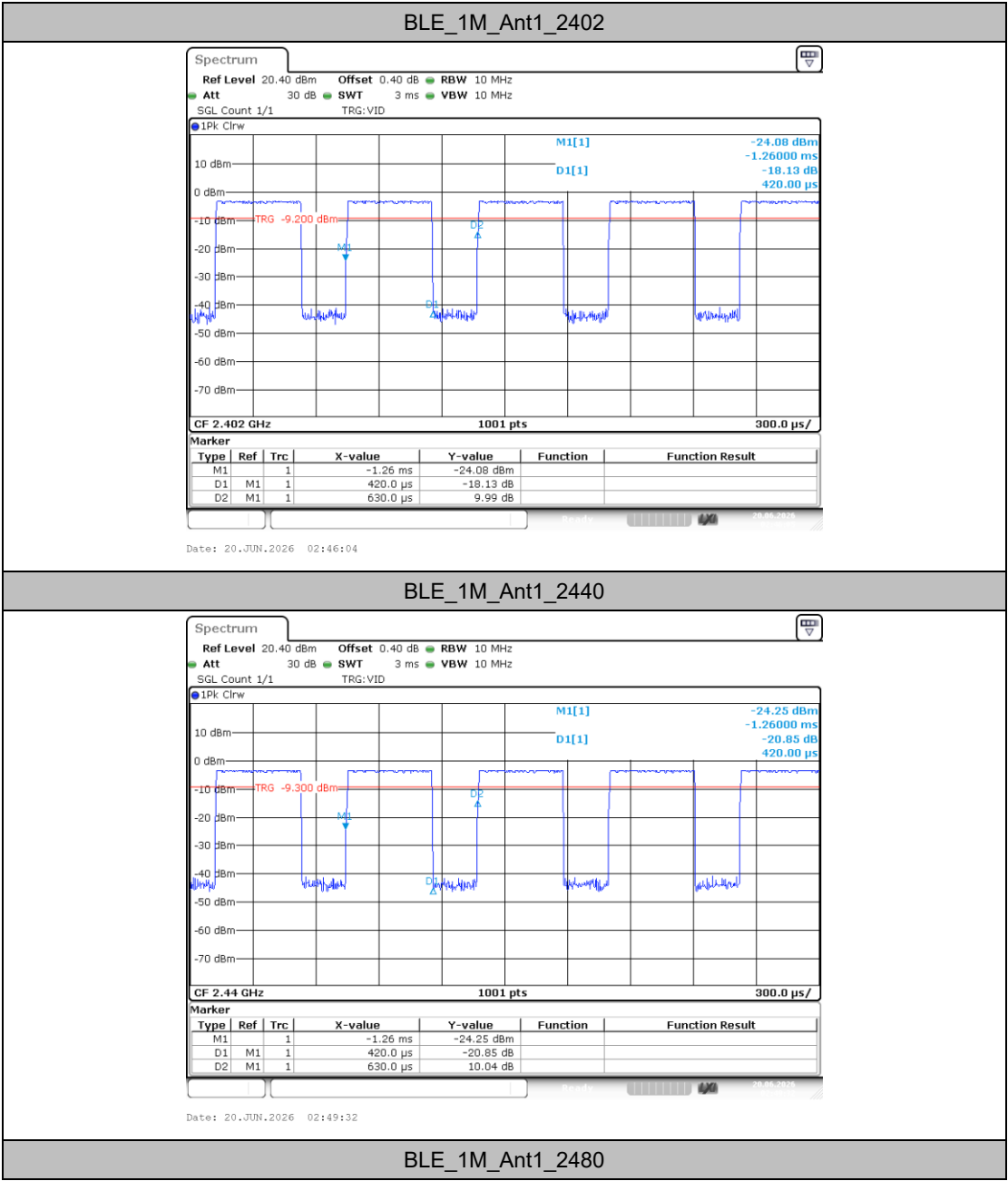


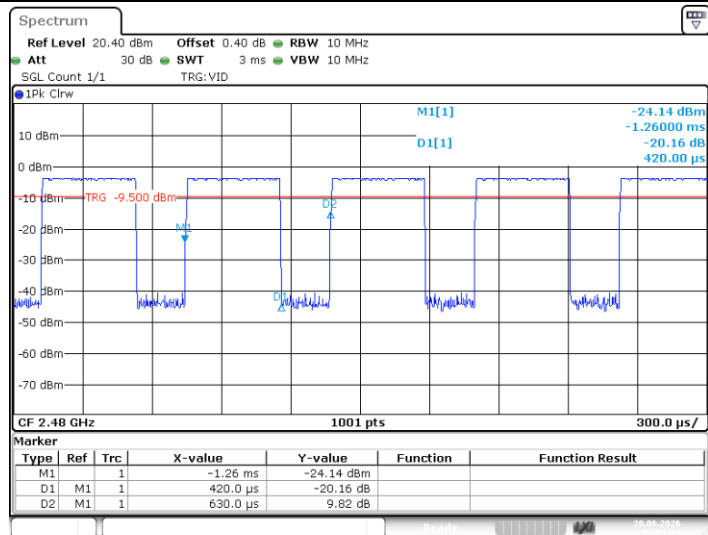
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.42	0.63	0.6667	66.67	1.76	---	---
		2440	0.42	0.63	0.6667	66.67	1.76	---	---
		2480	0.42	0.63	0.6667	66.67	1.76	---	---

Test Graphs





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Appendix H: Emissions in Restricted Bands

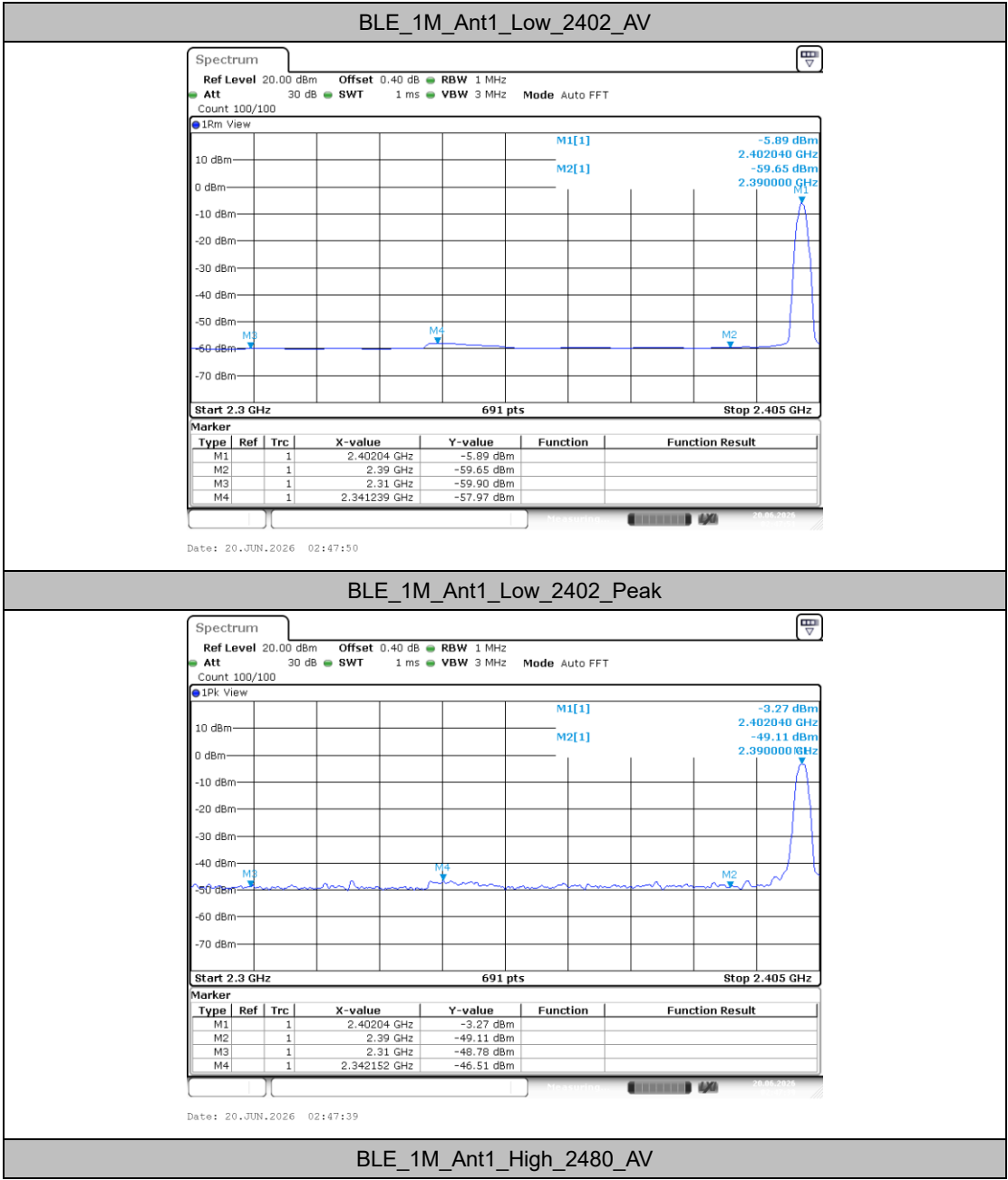
Test Result

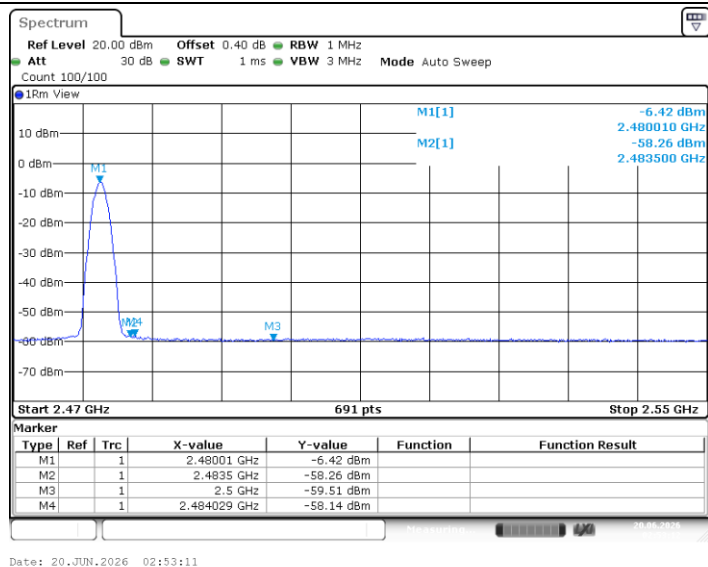
TestMode	Antenna	Channel Name	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Gain [dB]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
BLE_1M	Ant1	Low	2402	AV	2310.000	-59.9	2.00	1.76	39.06	≤54	PASS
				AV	2341.239	-57.97	2.00	1.76	40.99	≤54	PASS
				AV	2390.000	-59.65	2.00	1.76	39.31	≤54	PASS
				Peak	2310.000	-48.78	2.00	0.00	48.42	≤74	PASS
				Peak	2342.152	-46.51	2.00	0.00	50.69	≤74	PASS
				Peak	2390.000	-49.11	2.00	0.00	48.09	≤74	PASS
		High	2480	AV	2483.500	-58.26	2.00	1.76	40.70	≤54	PASS
				AV	2484.029	-58.14	2.00	1.76	40.82	≤54	PASS
				AV	2500.000	-59.51	2.00	1.76	39.45	≤54	PASS
				Peak	2483.500	-46.92	2.00	0.00	50.28	≤74	PASS
				Peak	2484.725	-44.8	2.00	0.00	52.40	≤74	PASS
				Peak	2500.000	-48.27	2.00	0.00	48.93	≤74	PASS

Note:

1. 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_High_2480_Peak

