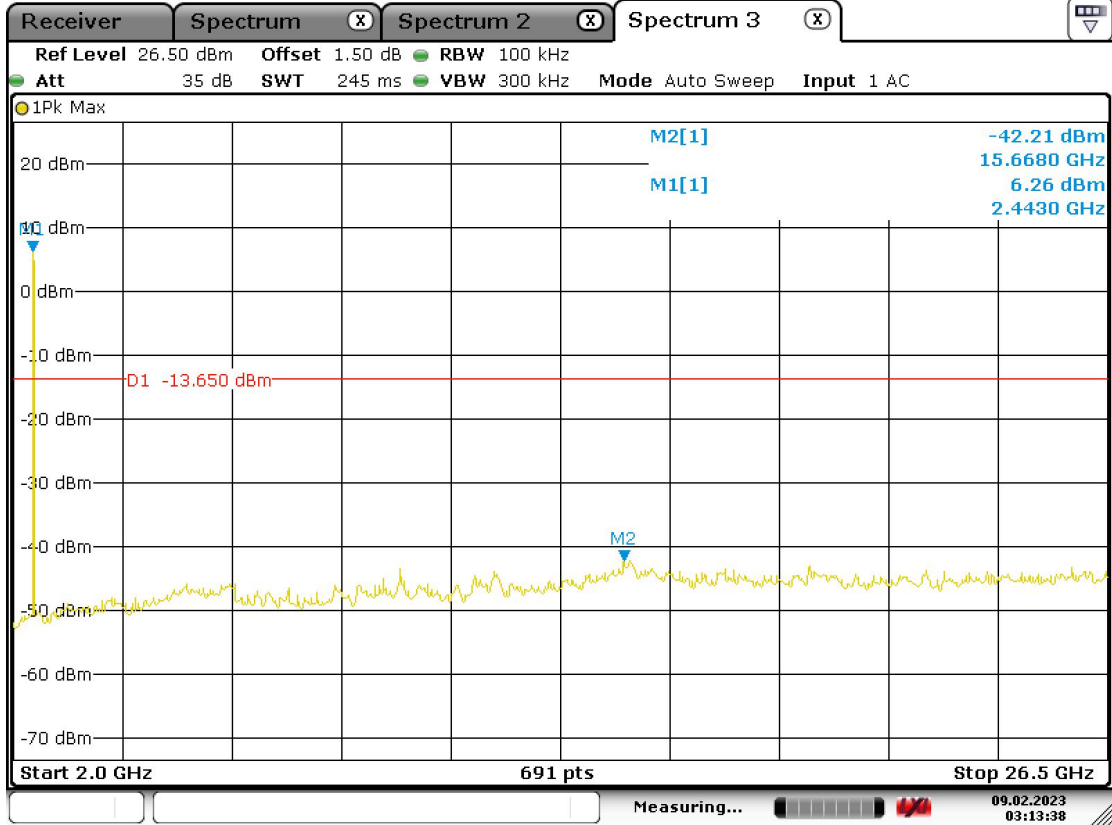




BUREAU VERITAS Test Report No.: PSU-QSU2309010110RF06



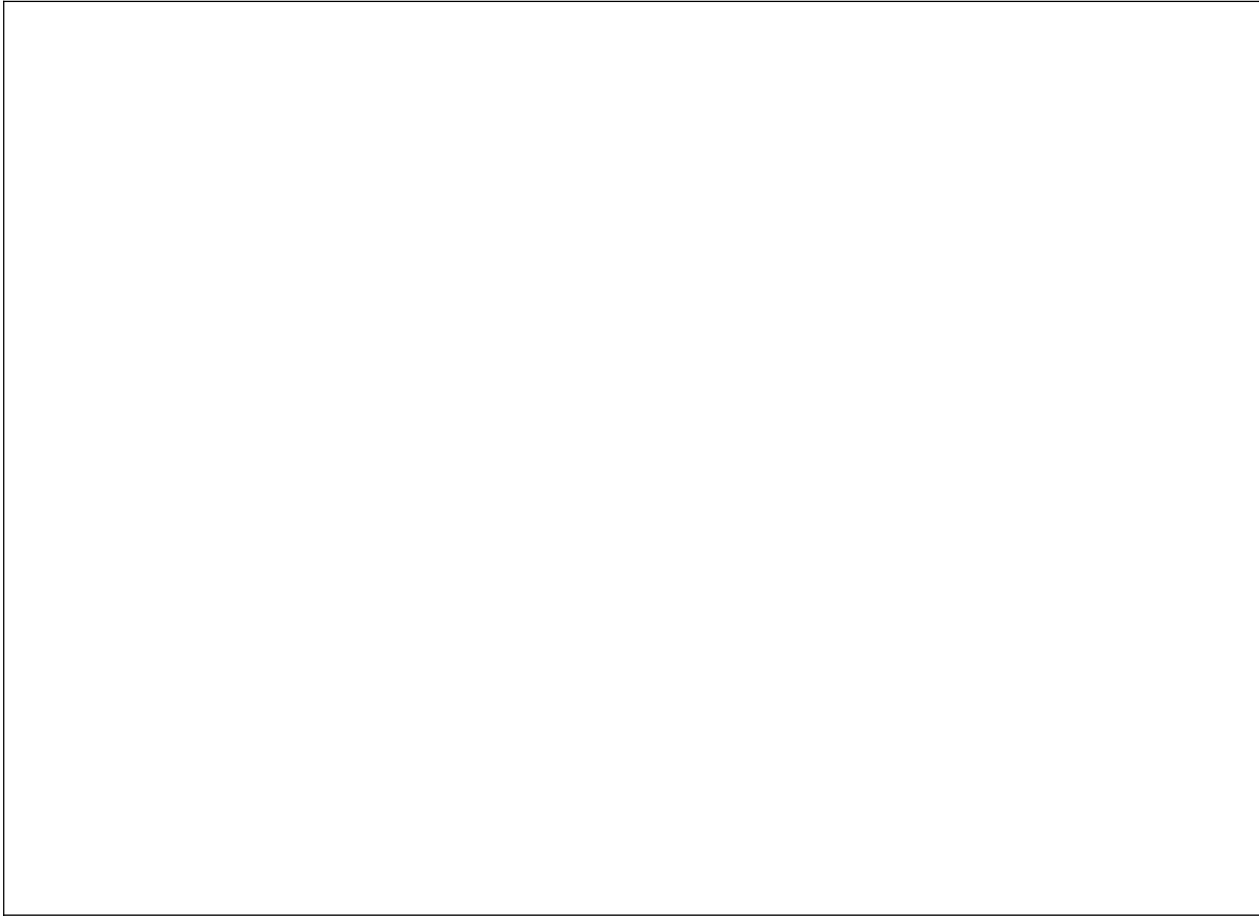
Date: 9.FEB.2023 03:13:37

11N20_Ant0_2412_30~3000



**BUREAU
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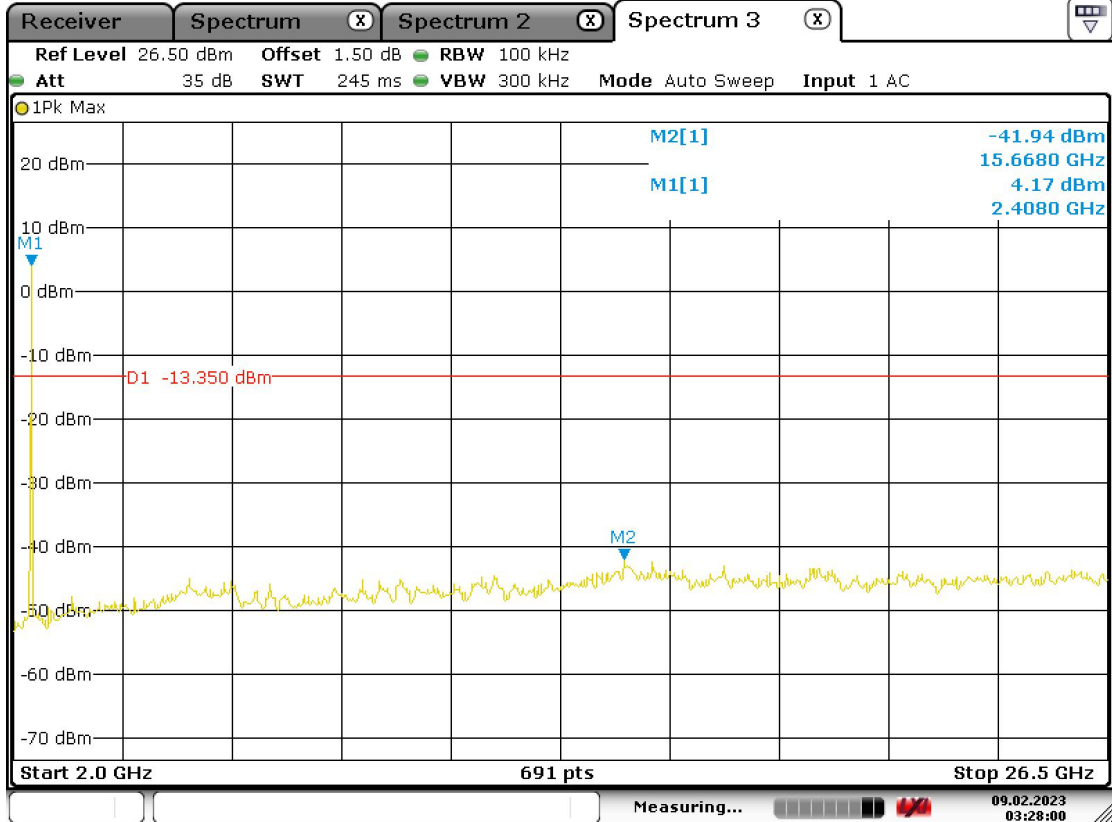
Test Report No.: PSU-QSU2309010110RF06



11N20_Ant0_2412_2000~26500



BUREAU VERITAS Test Report No.: PSU-QSU2309010110RF06

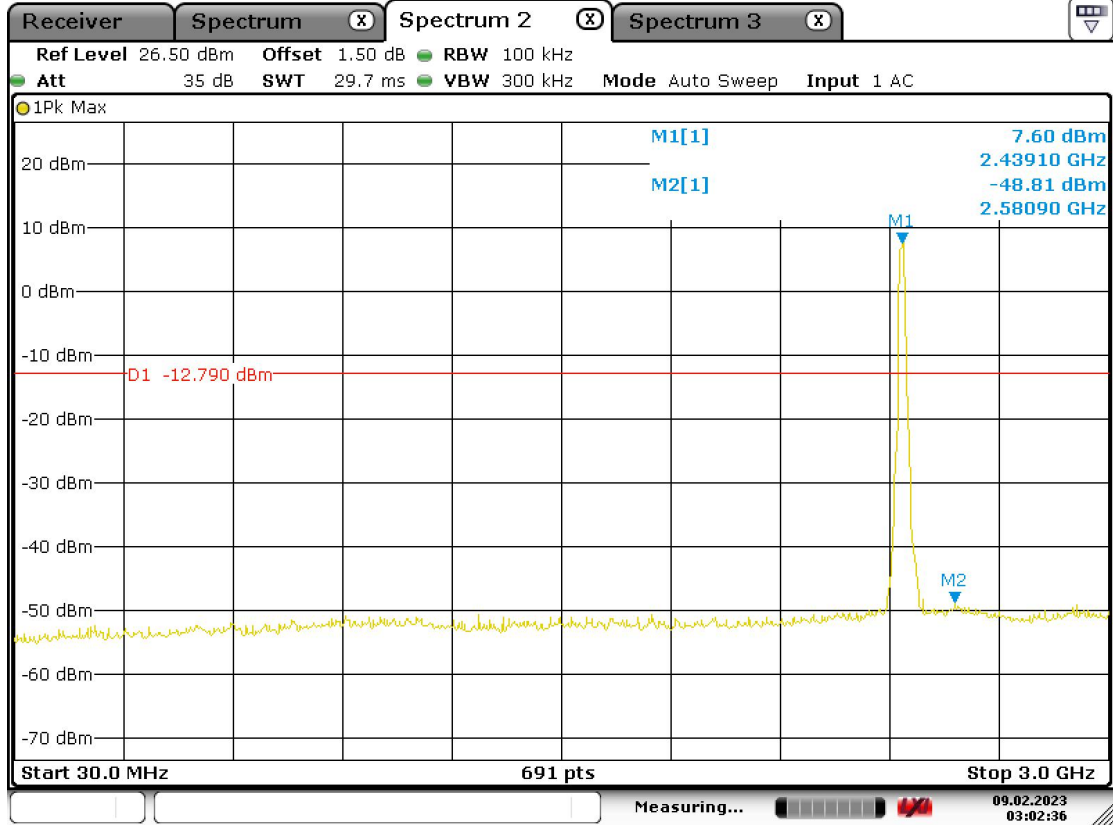


Date: 9.FEB.2023 03:28:00

11N20_Ant0_2437_30~3000



BUREAU VERITAS Test Report No.: PSU-QSU2309010110RF06



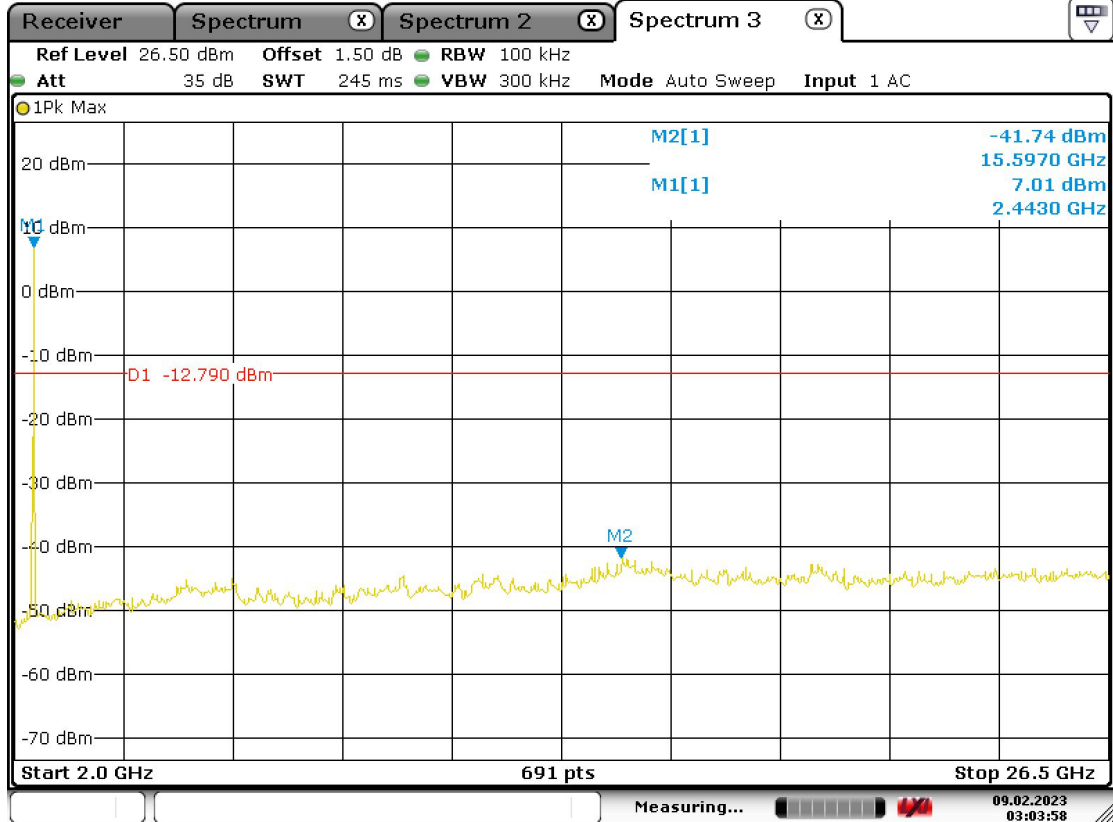
Date: 9.FEB.2023 03:02:36

11N20_Ant0_2437_2000~26500



BUREAU VERITAS

Test Report No.: PSU-QSU2309010110RF06

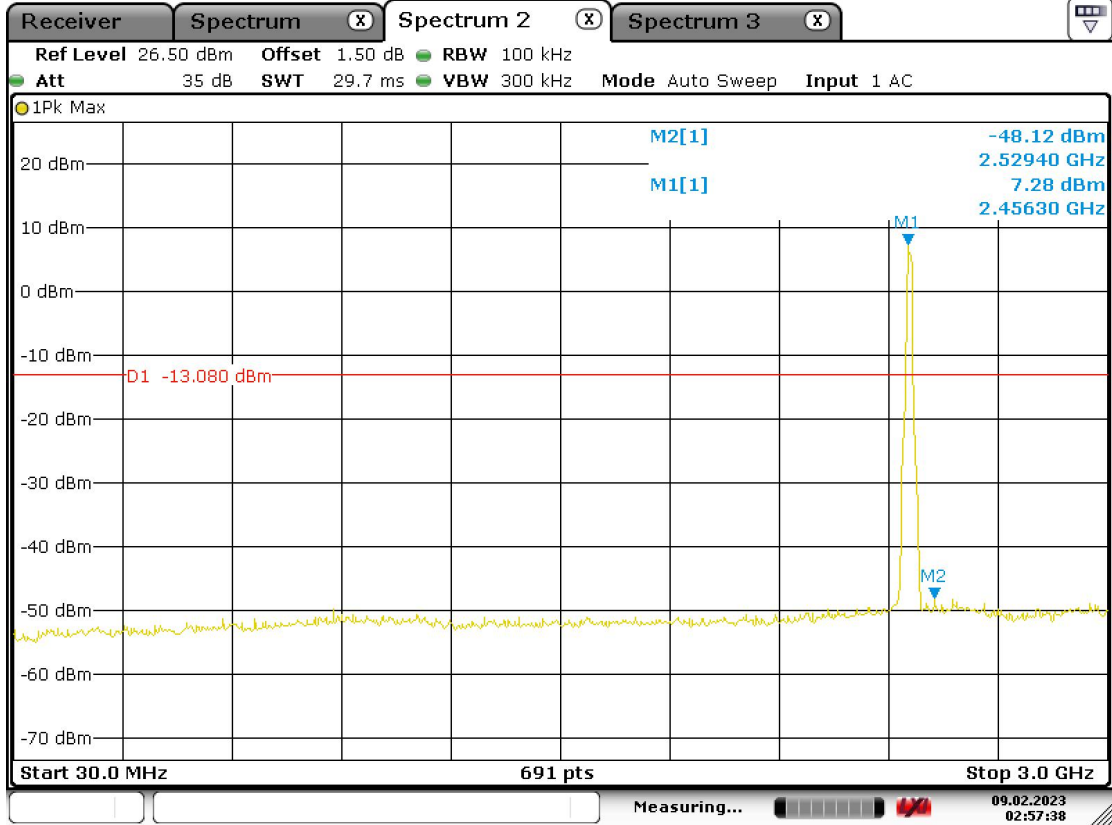


Date: 9.FEB.2023 03:03:58

11N20_Ant0_2462_30~3000



BUREAU VERITAS Test Report No.: PSU-QSU2309010110RF06

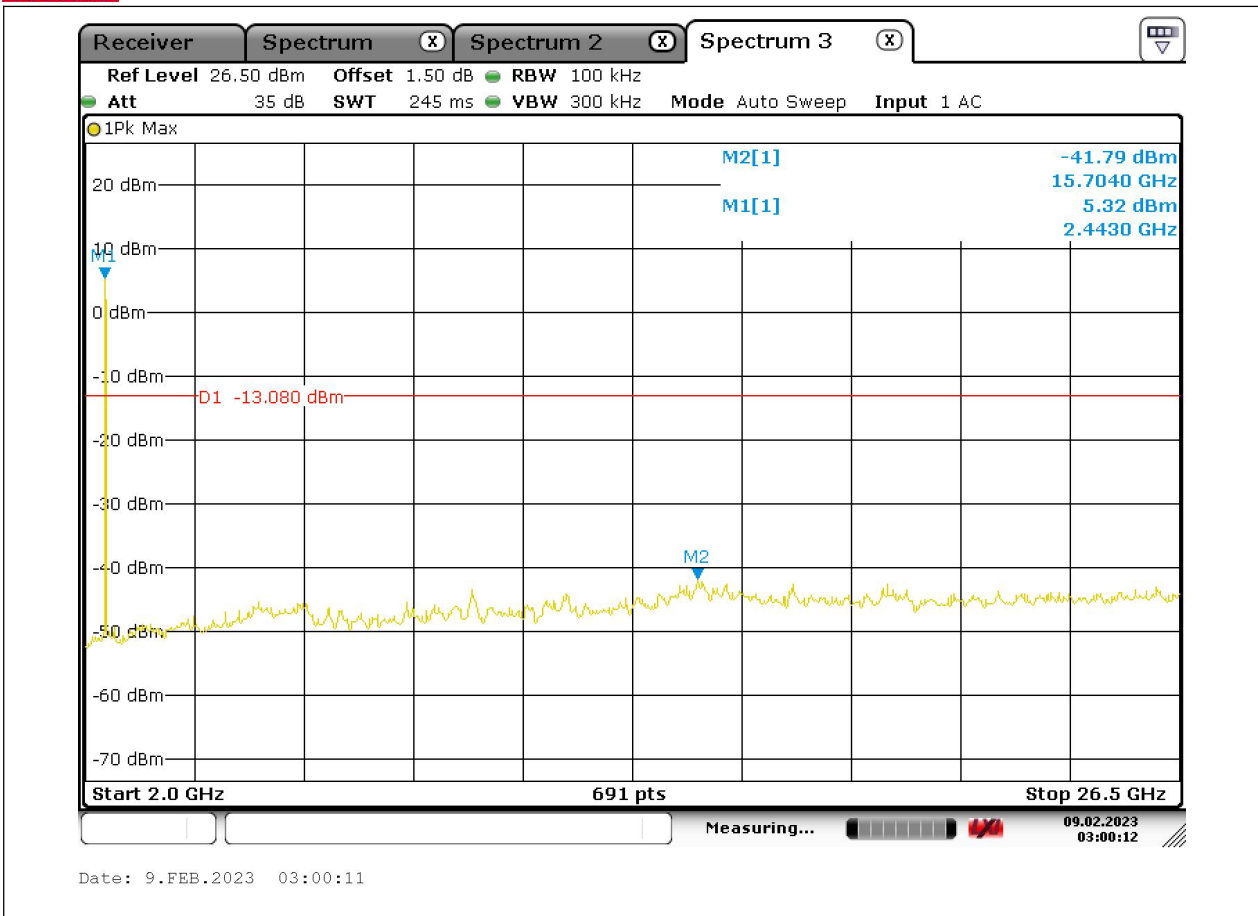


Date: 9.FEB.2023 02:57:38

11N20_Ant0_2462_2000~26500



BUREAU VERITAS Test Report No.: PSU-QSU2309010110RF06



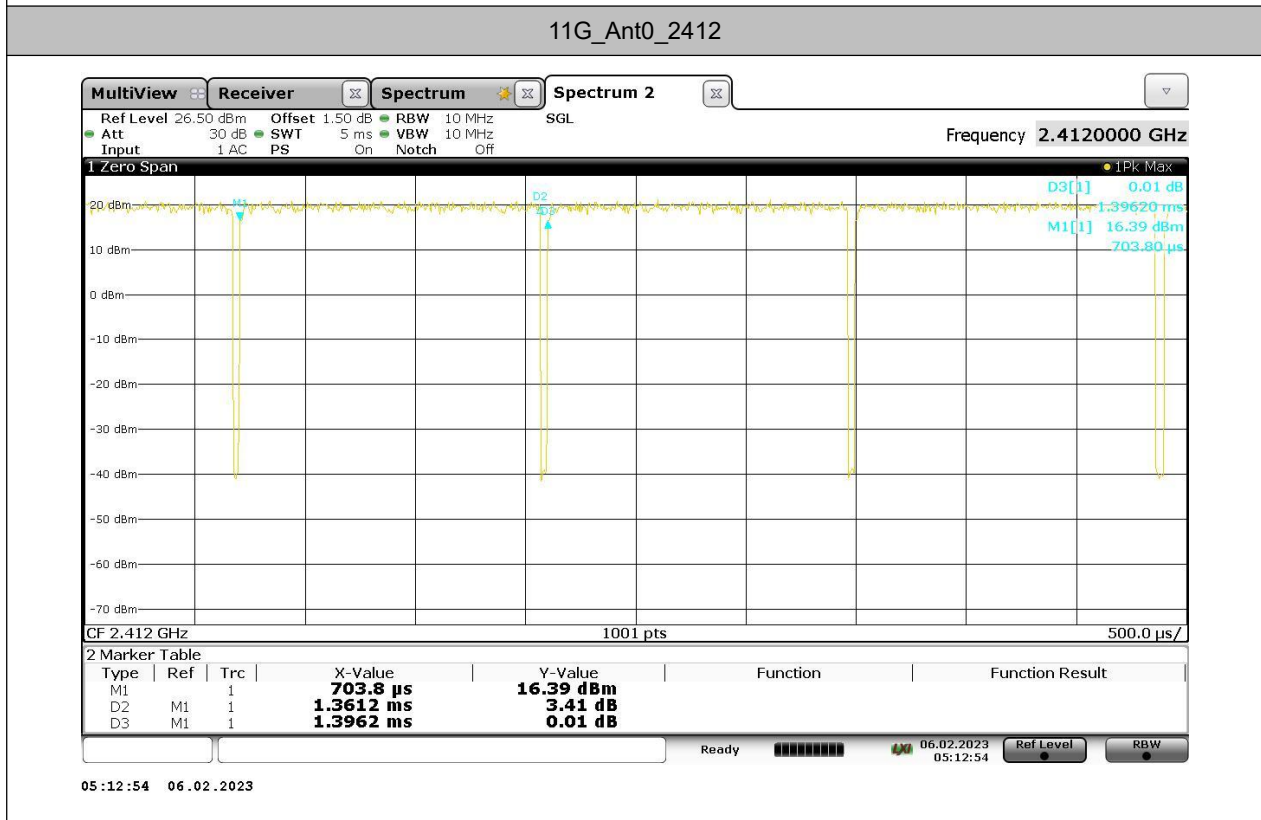
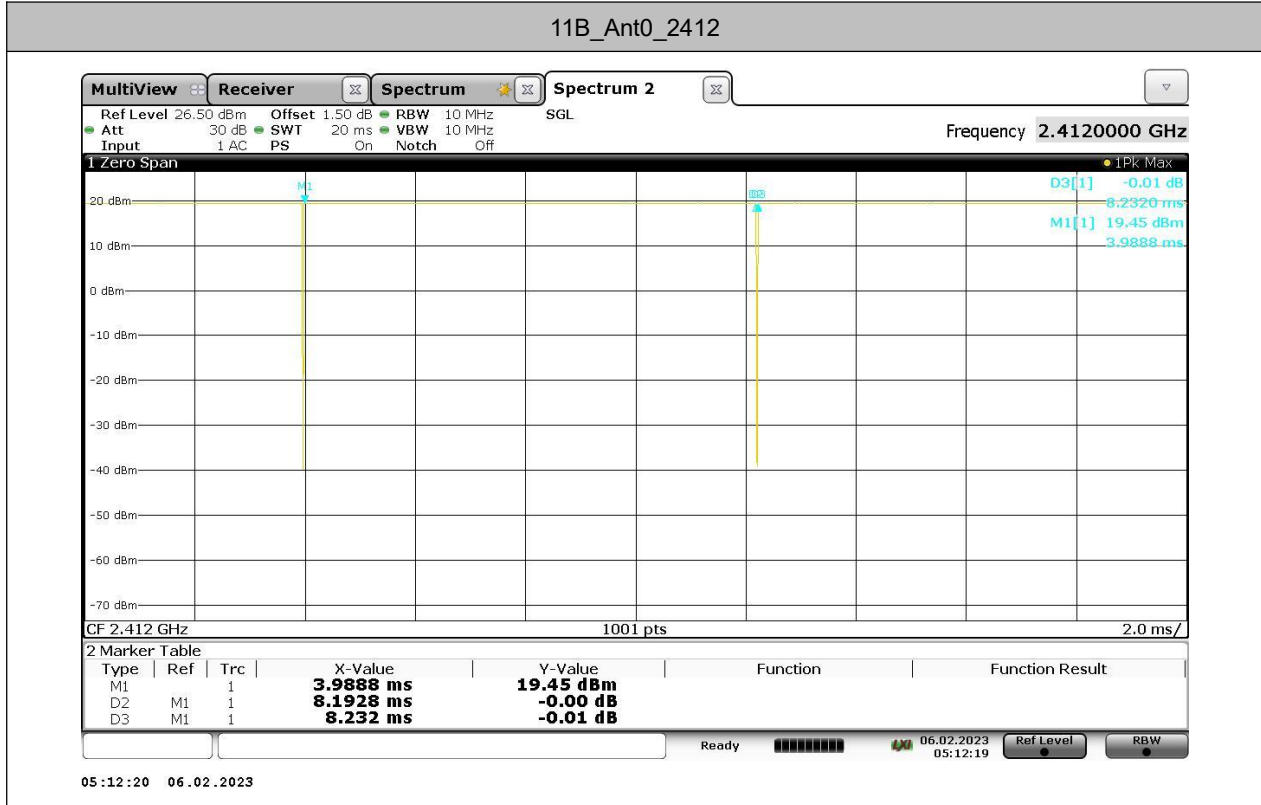


DUTY CYCLE TEST RESULT

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant0	2412	8.193	8.232	99.52
11G	Ant0	2412	1.361	1.396	97.49
11N20	Ant0	2412	1.276	1.321	96.59



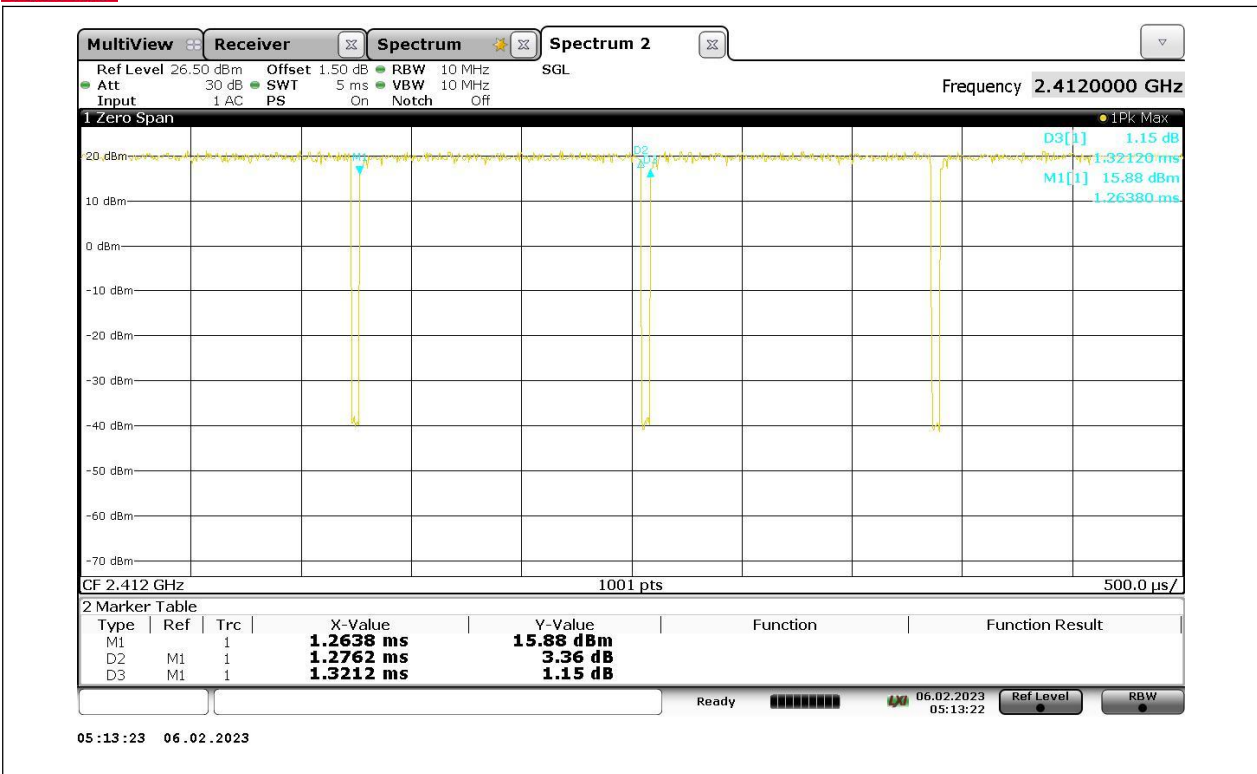
TEST GRAPHS



11N20_Ant0_2412



BUREAU VERITAS Test Report No.: PSU-QSU2309010110RF06





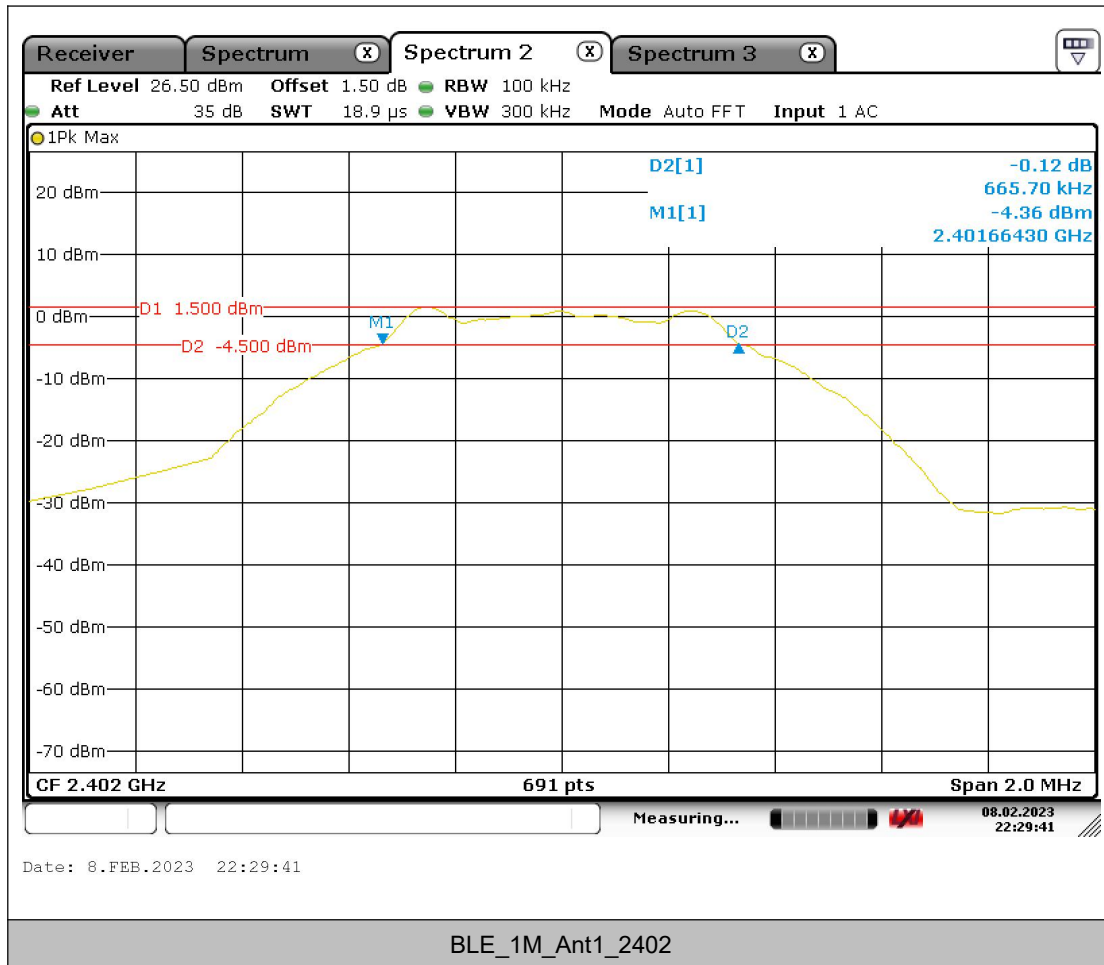
7 Appendix 2 BLE DTS BANDWIDTH

TEST RESULT

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.666	2401.664	2402.330	0.5	PASS
		2440	0.663	2439.664	2440.327	0.5	PASS
		2480	0.666	2479.661	2480.327	0.5	PASS



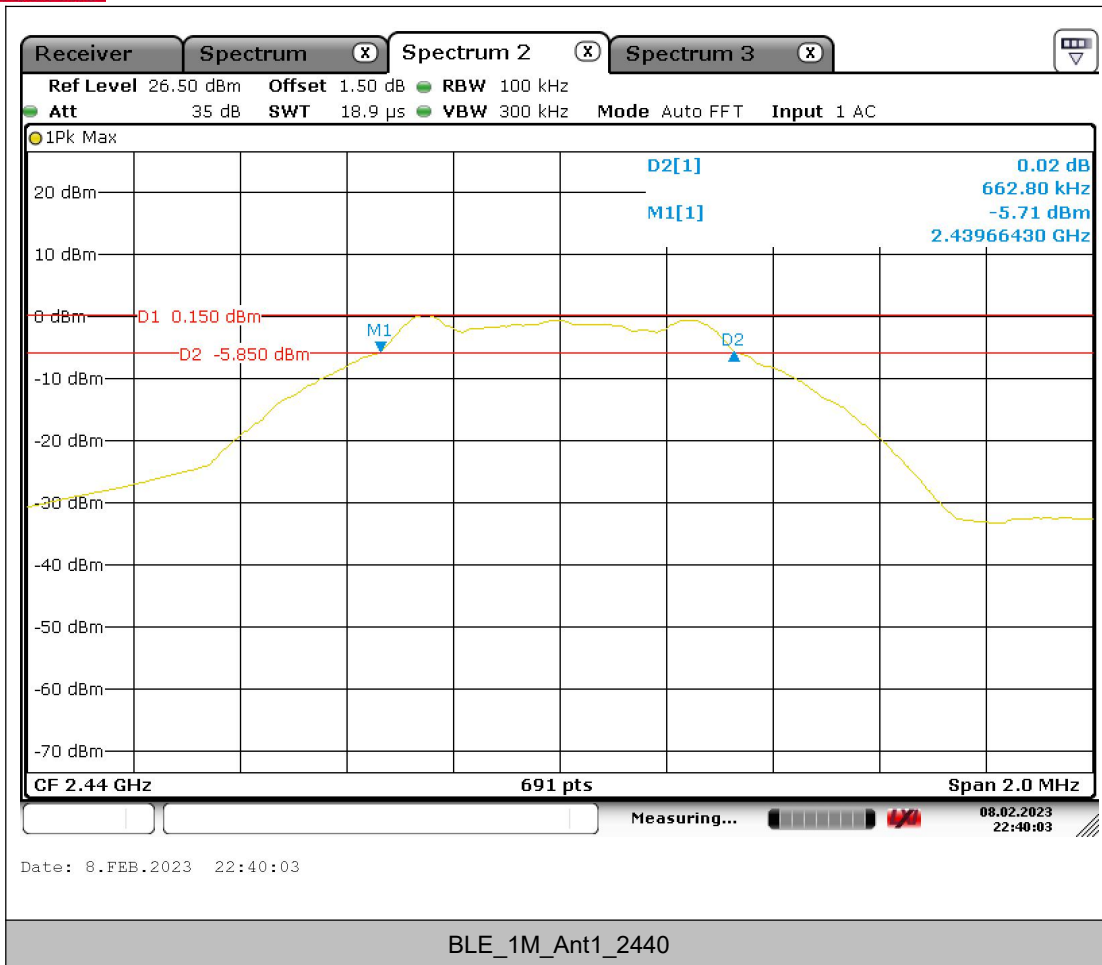
TEST GRAPHS





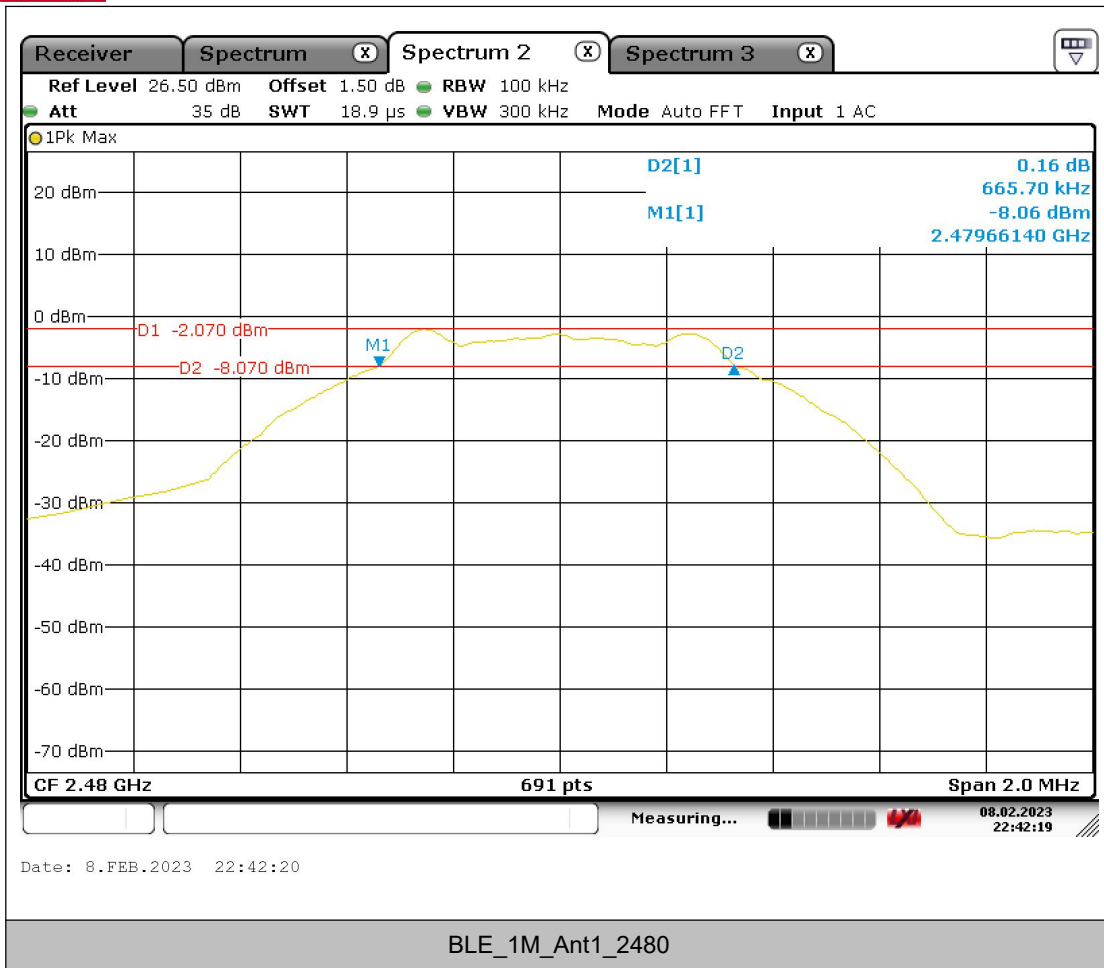
BUREAU VERITAS

Test Report No.: PSU-QSU2309010110RF06





BUREAU VERITAS Test Report No.: PSU-QSU2309010110RF06





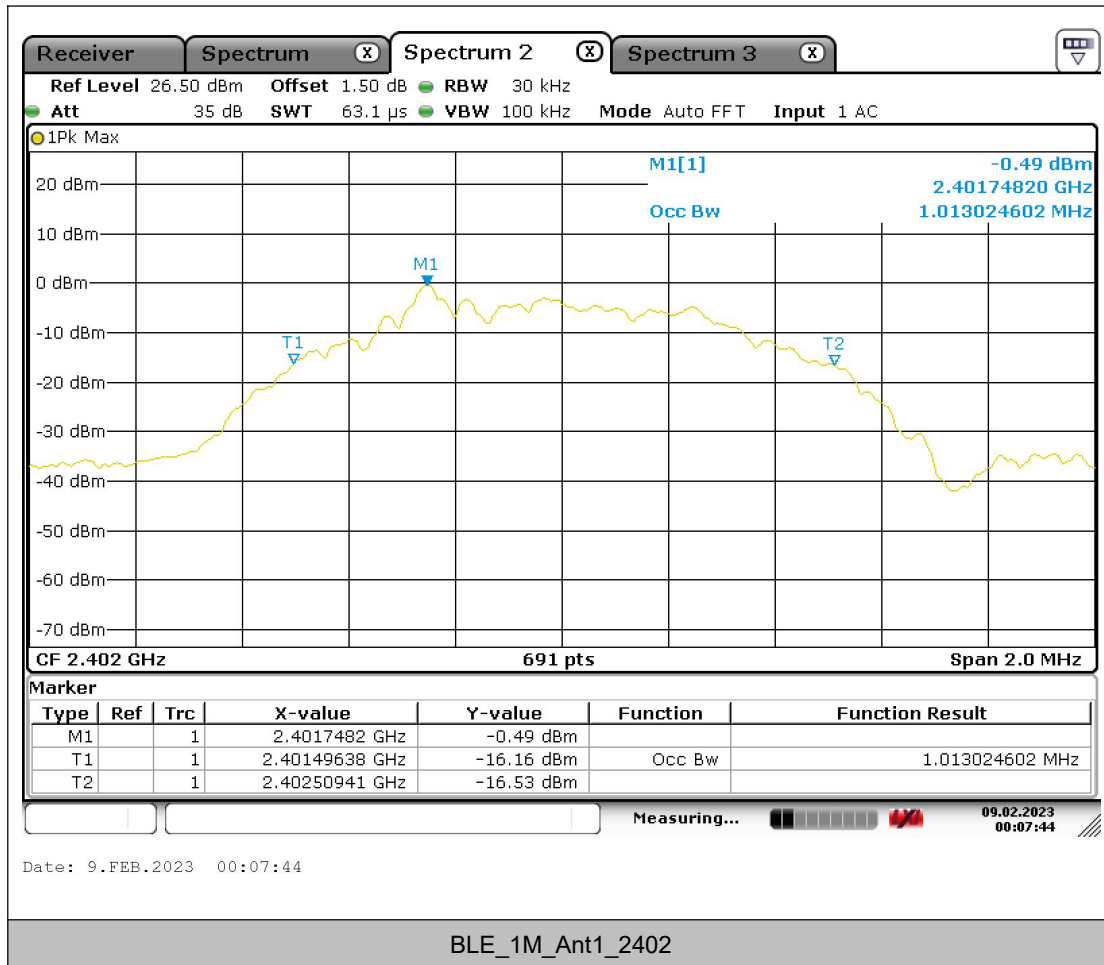
OCCUPIED CHANNEL BANDWIDTH

TEST RESULT

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0130	2401.496	2402.509	---	PASS
		2440	1.0130	2439.496	2440.509	---	PASS
		2480	1.0130	2479.496	2480.509	---	PASS



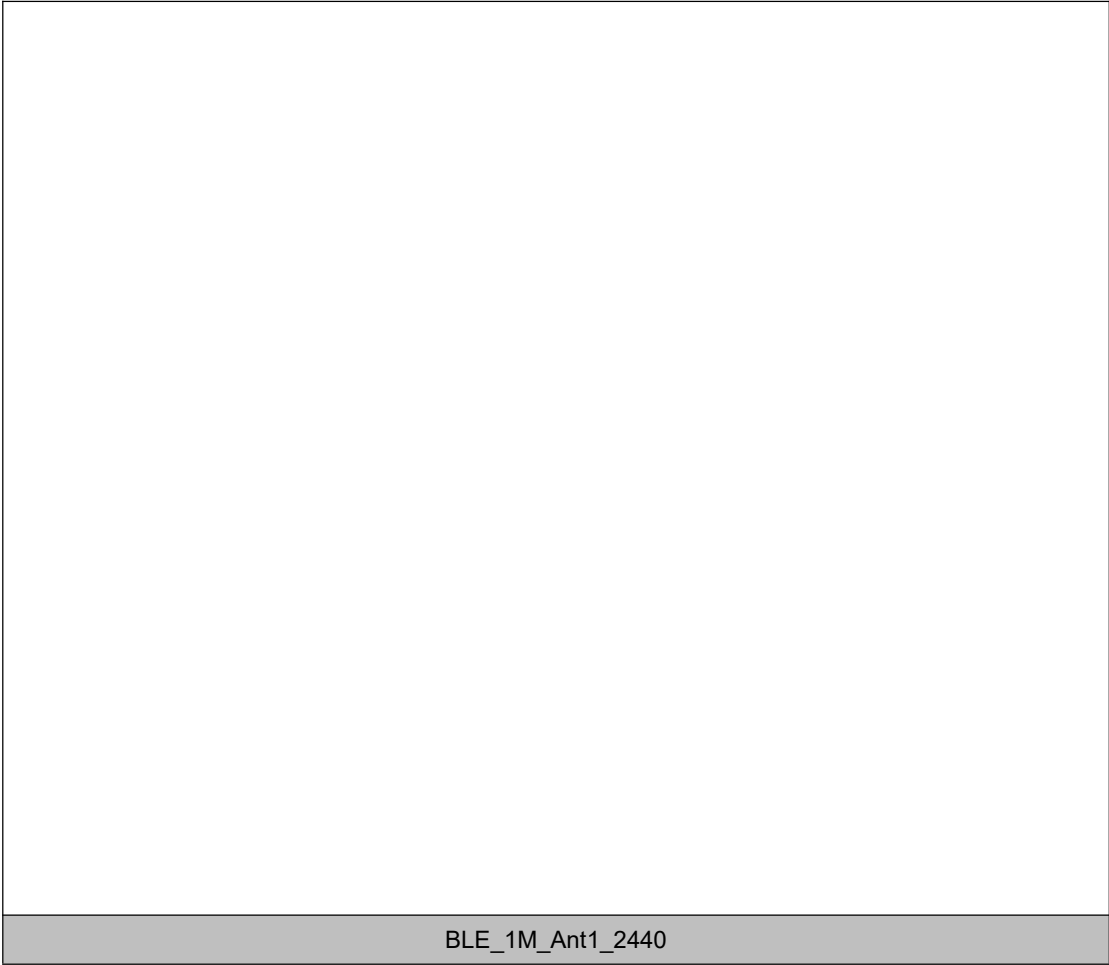
TEST GRAPHS





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Test Report No.: PSU-QSU2309010110RF06

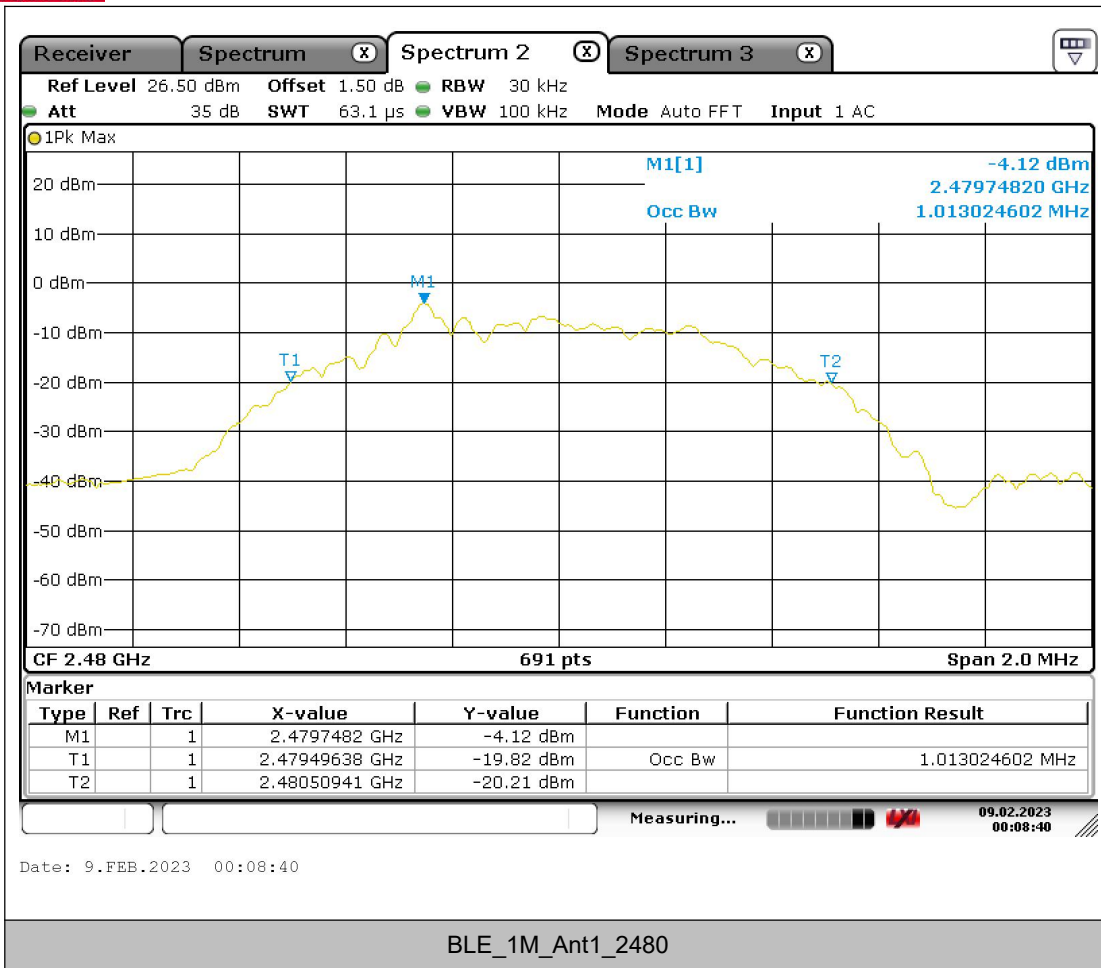


BLE_1M_Ant1_2440



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Test Report No.: PSU-QSU2309010110RF06





MAXIMUM CONDUCTED OUTPUT POWER TEST RESULT PEAK

TestMode	Antenna	Channel	Peak Power[dBm]	Peak Power[mw]	Conducted Limit[dBm]	Verdict	Power setting
1M	Ant1	2402	0.86	1.22	≤30	PASS	Default
		2440	0.37	1.09	≤30	PASS	Default
		2480	-0.94	0.81	≤30	PASS	Default

TEST RESULT AVERAGE

TestMode	Antenna	Channel	Average Power	Conducted Limit[dBm]	Verdict	Power setting
1M	Ant1	2402	0.57	/	PASS	Default
		2440	-0.14	/	PASS	Default
		2480	-1.21	/	PASS	Default



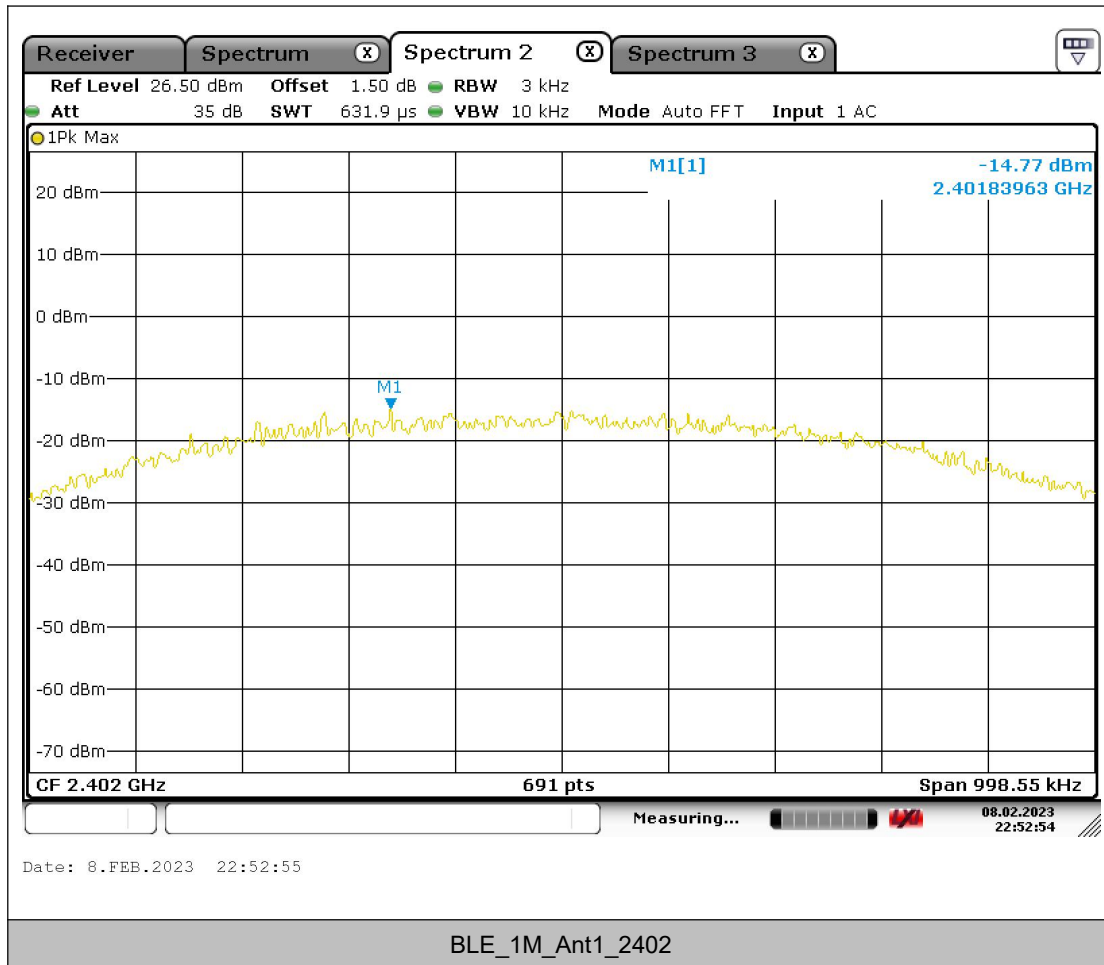
MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.77	≤8	PASS
		2440	-16.06	≤8	PASS
		2480	-18.42	≤8	PASS



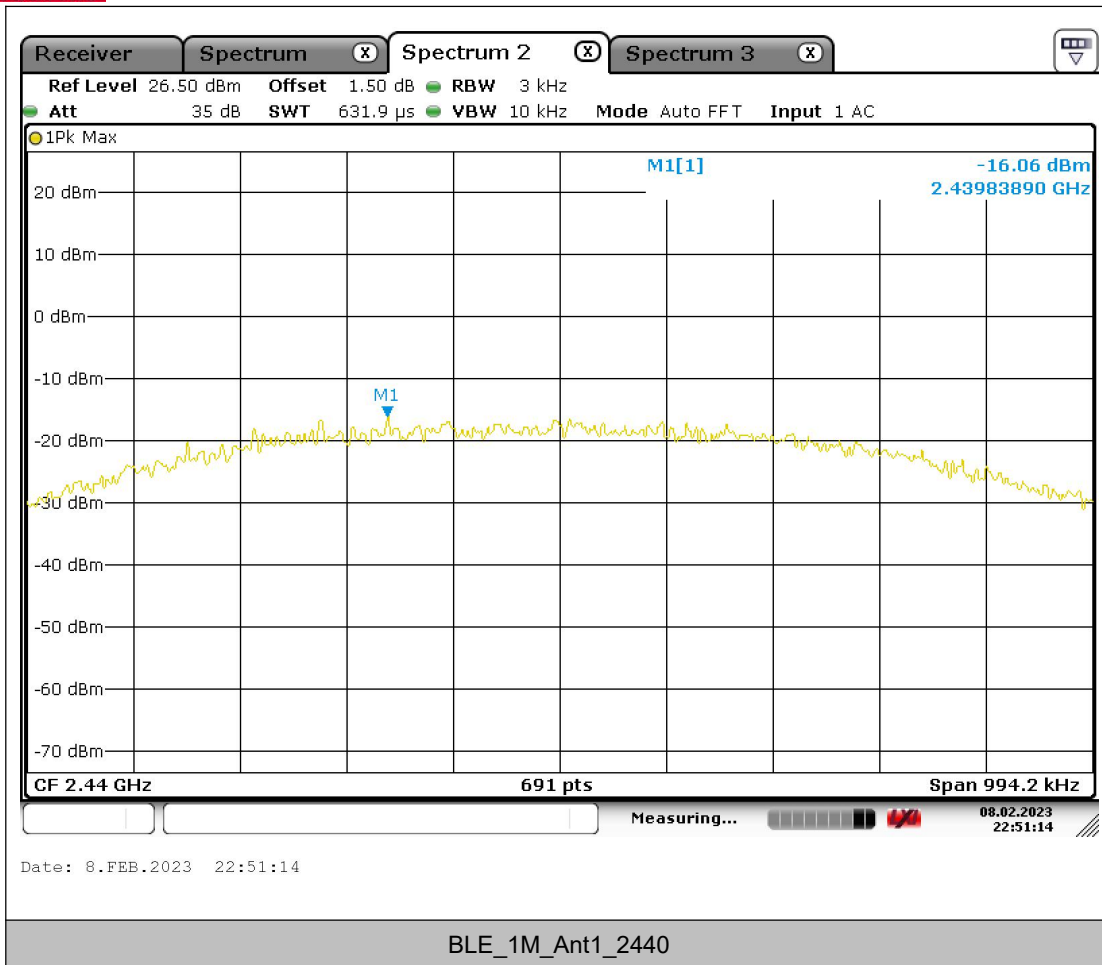
TEST GRAPHS





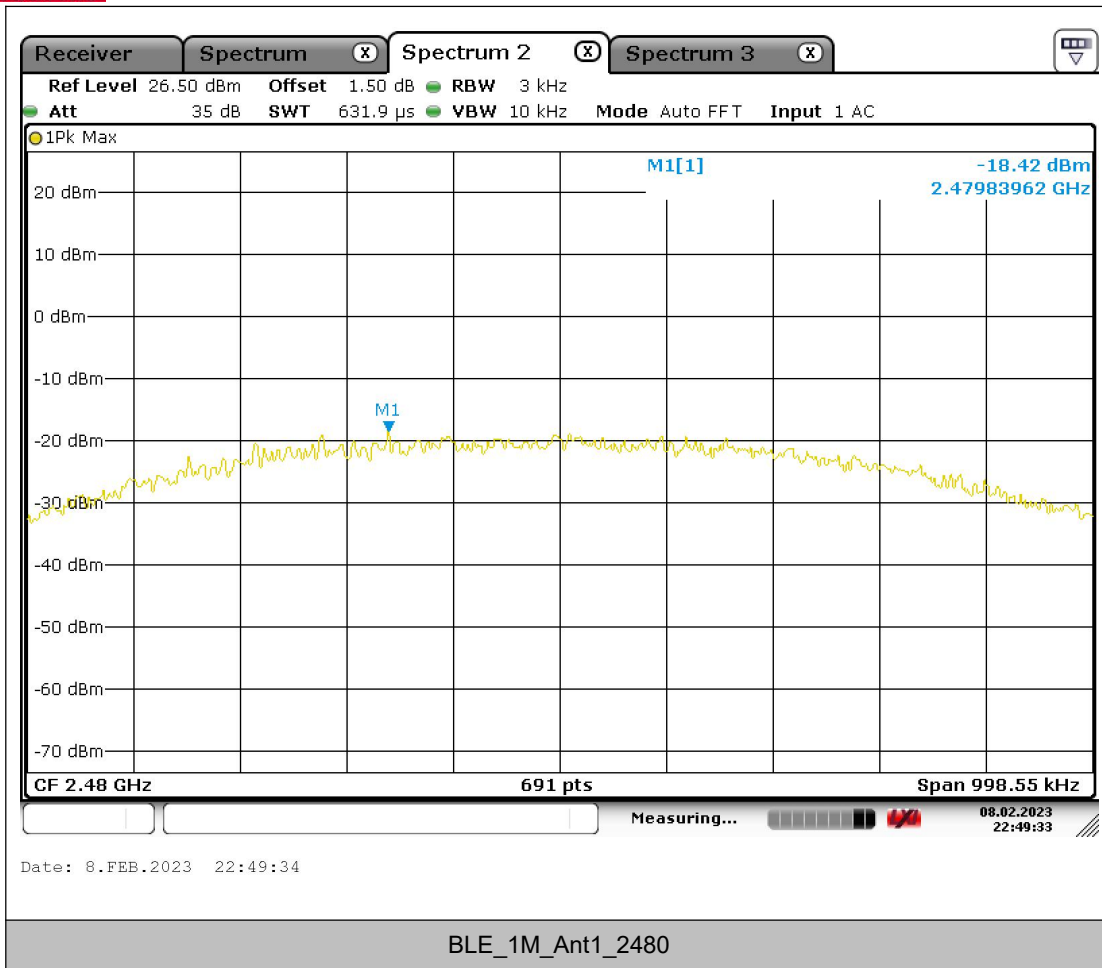
BUREAU
VERITAS

Test Report No.: PSU-QSU2309010110RF06





BUREAU VERITAS Test Report No.: PSU-QSU2309010110RF06





BAND EDGE MEASUREMENTS

TEST RESULT

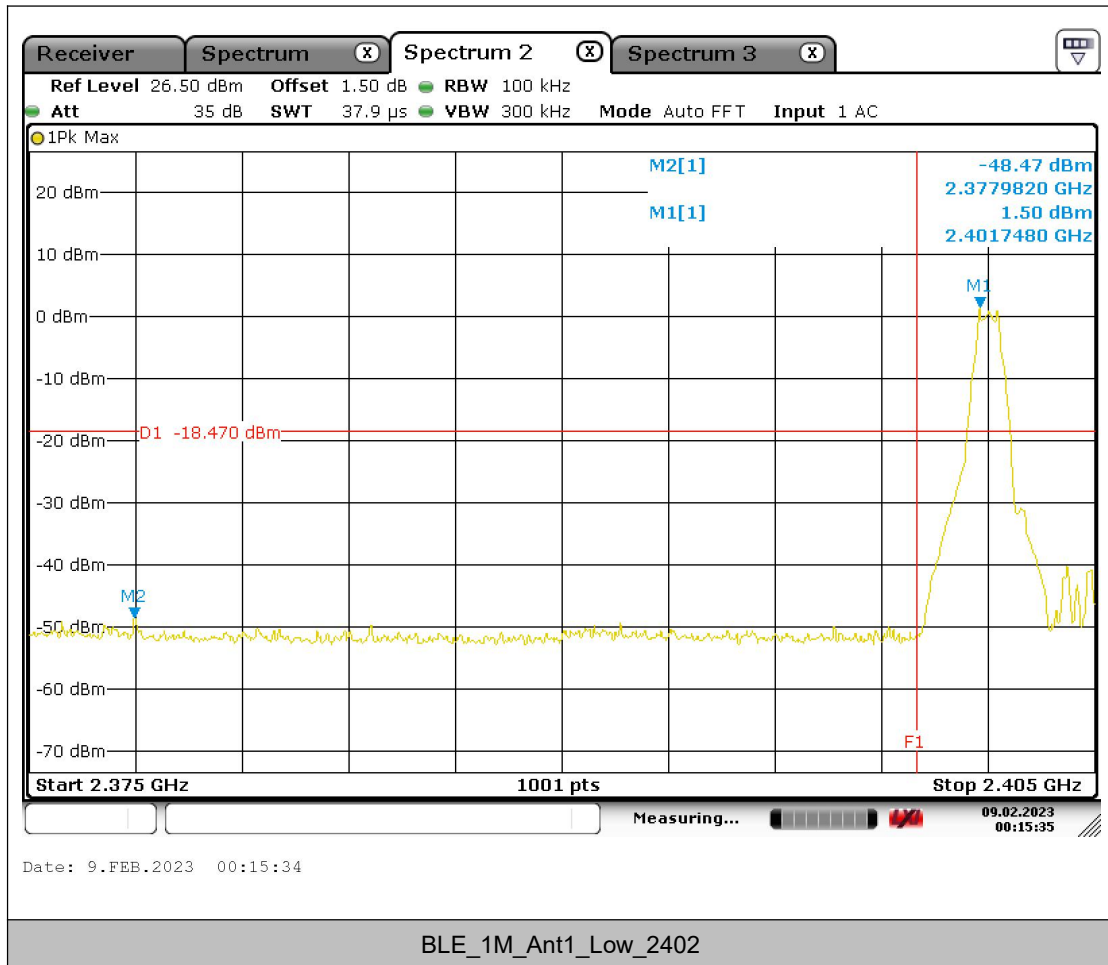
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.53	-48.47	≤-18.47	PASS
		High	2480	-2.10	-49.24	≤-22.10	PASS



BUREAU
VERITAS

Test Report No.: PSU-QSU2309010110RF06

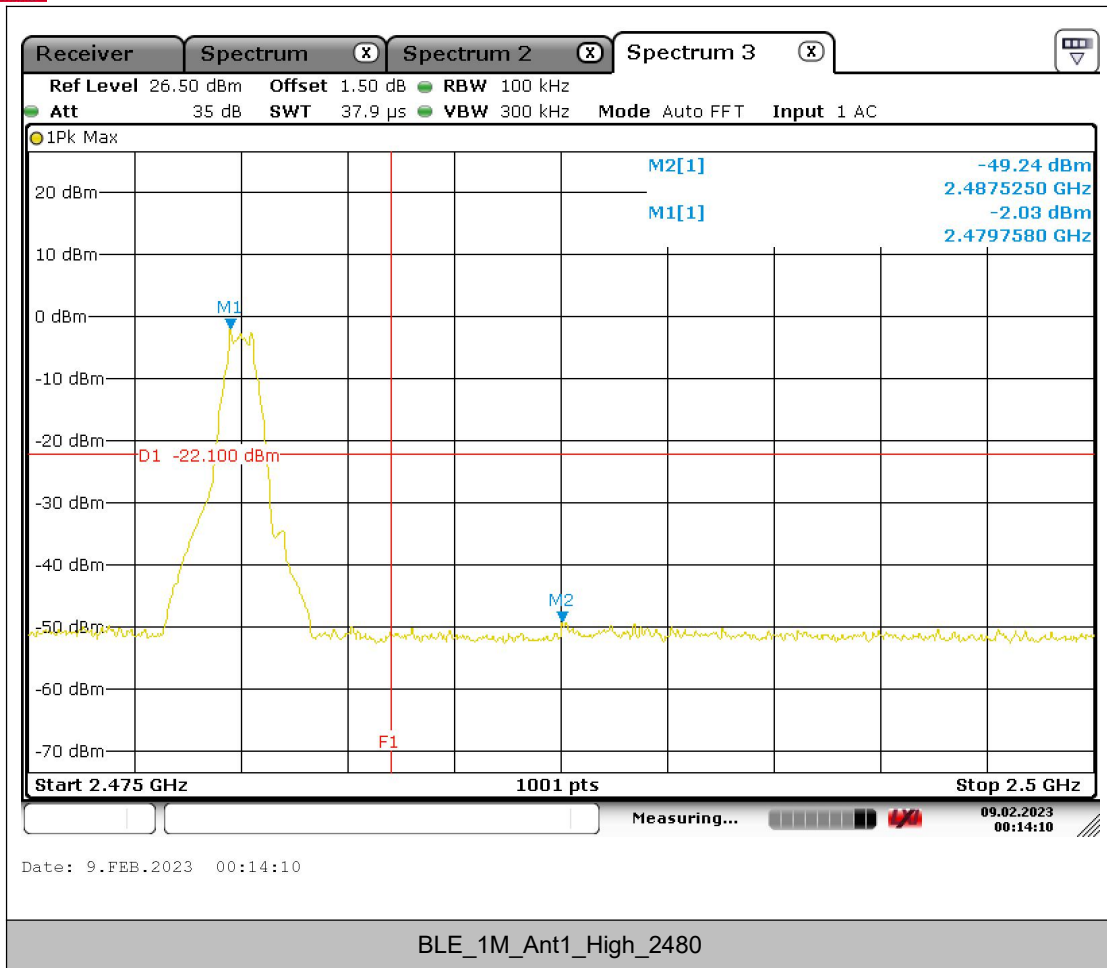
TEST GRAPHS





BUREAU VERITAS

Test Report No.: PSU-QSU2309010110RF06





CONDUCTED SPURIOUS EMISSION TEST RESULT

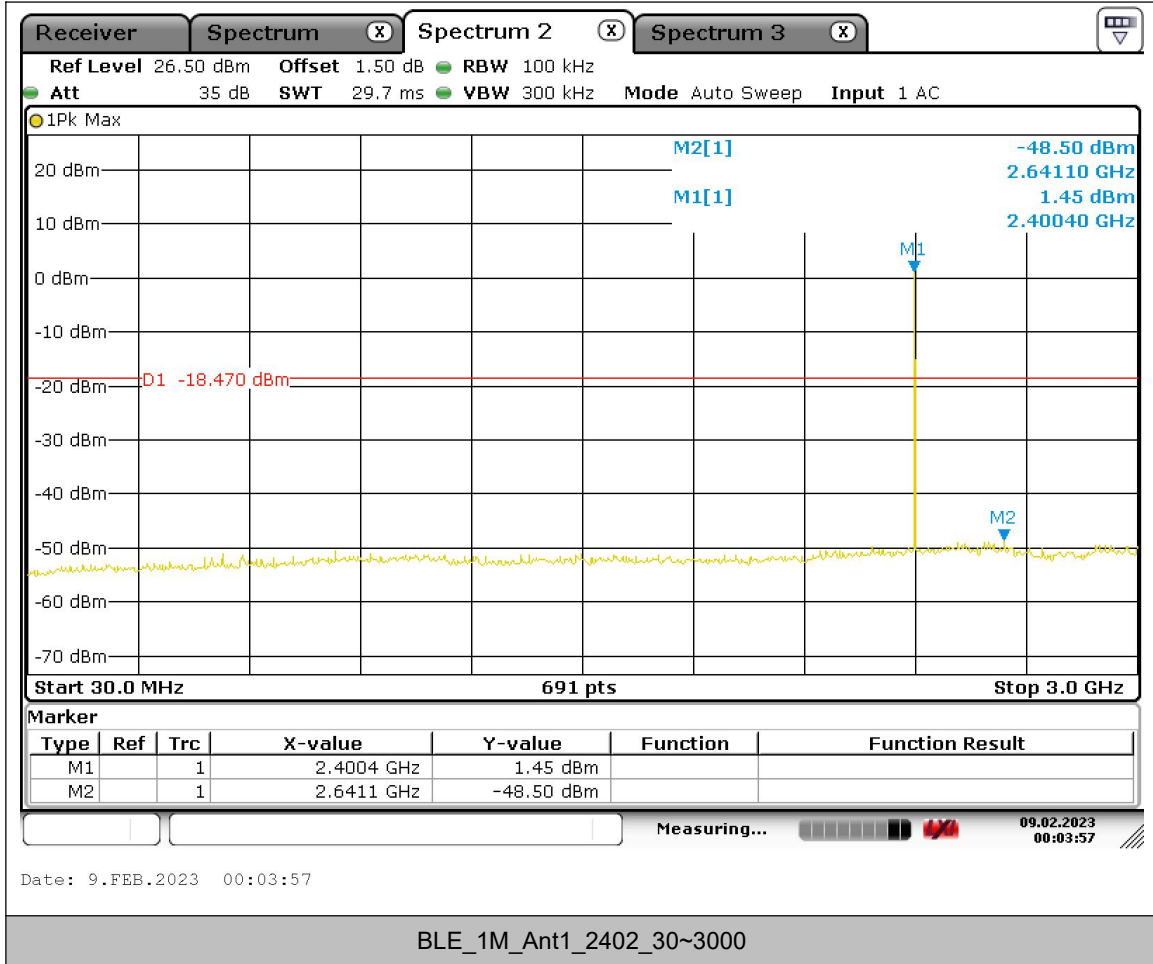
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~3000	1.53	-48.50	≤-18.47	PASS
			2000~26500	1.53	-41.87	≤-18.47	PASS
		2440	30~3000	0.14	-49.59	≤-19.86	PASS
			2000~26500	0.14	-42.20	≤-19.86	PASS
		2480	30~3000	-2.10	-49.15	≤-22.10	PASS
			2000~26500	-2.10	-42.01	≤-22.10	PASS



**BUREAU
VERITAS**

Test Report No.: PSU-QSU2309010110RF06

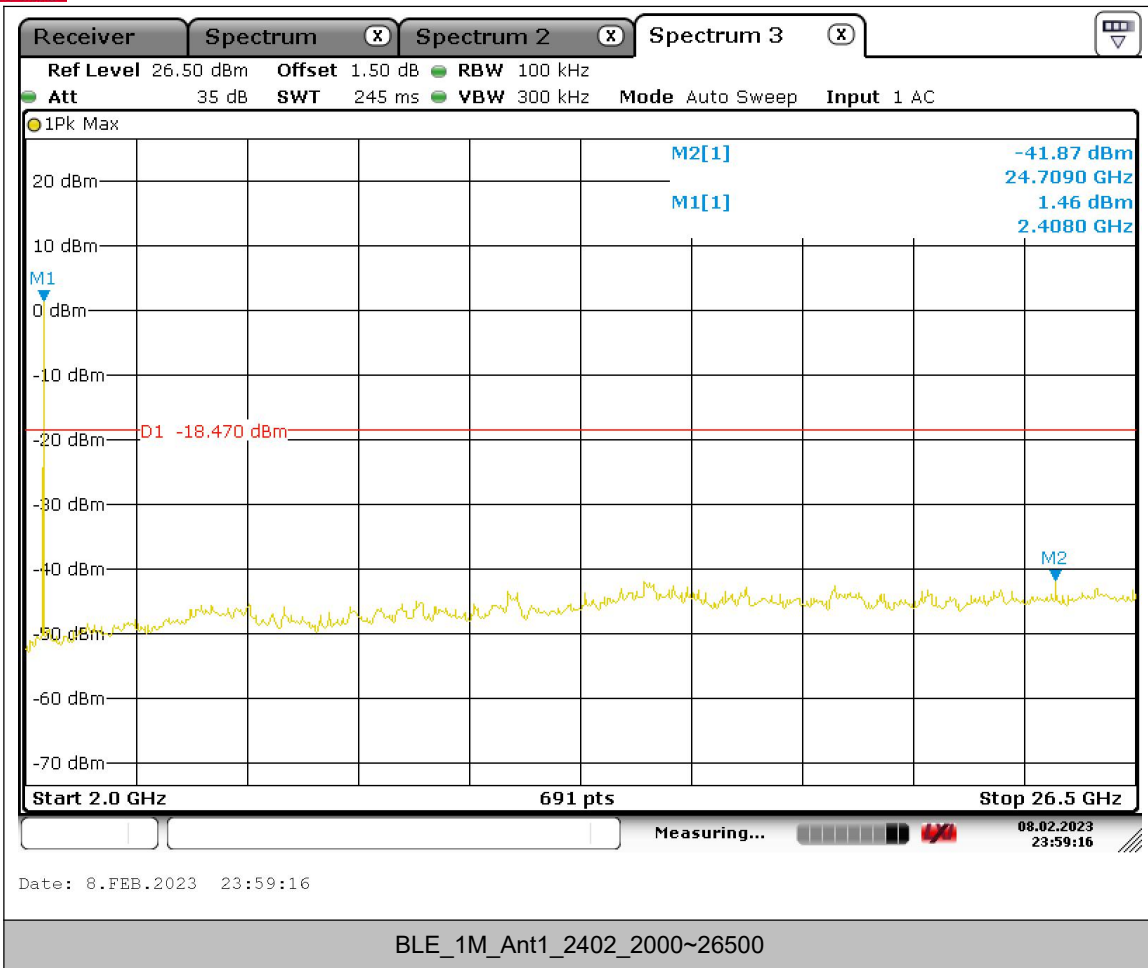
TEST GRAPHS





BUREAU VERITAS

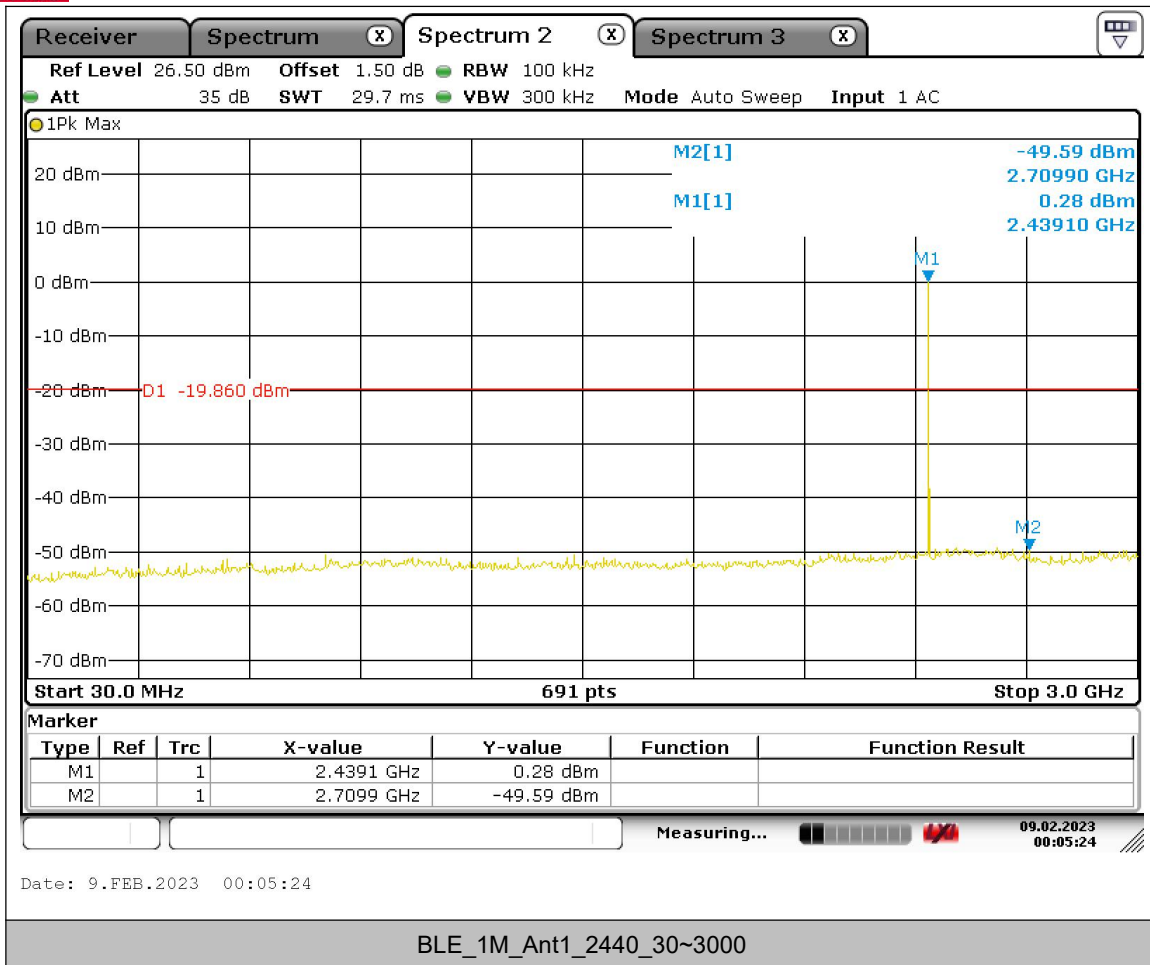
Test Report No.: PSU-QSU2309010110RF06





BUREAU VERITAS

Test Report No.: PSU-QSU2309010110RF06

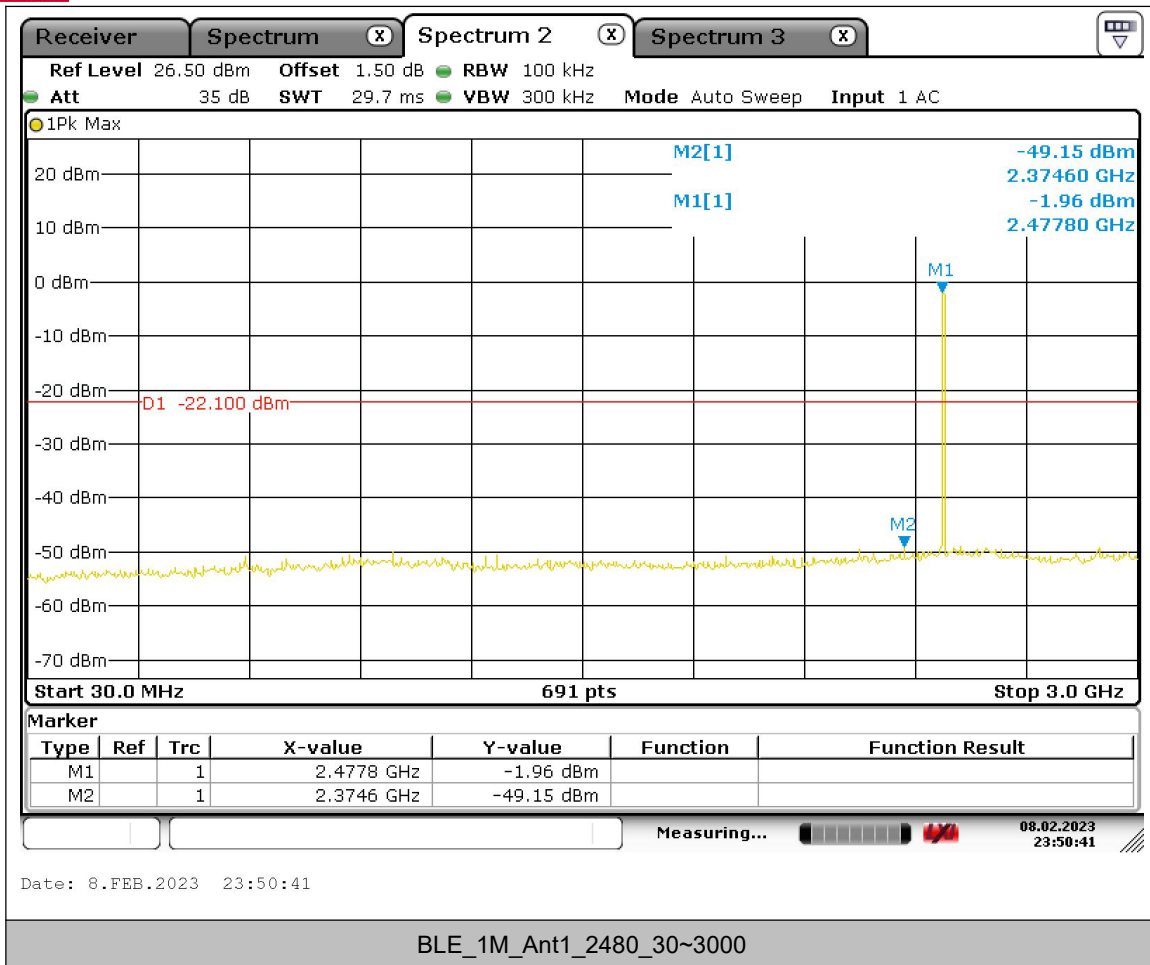




**BUREAU
VERITAS**

Test Report No.: PSU-QSU2309010110RF06

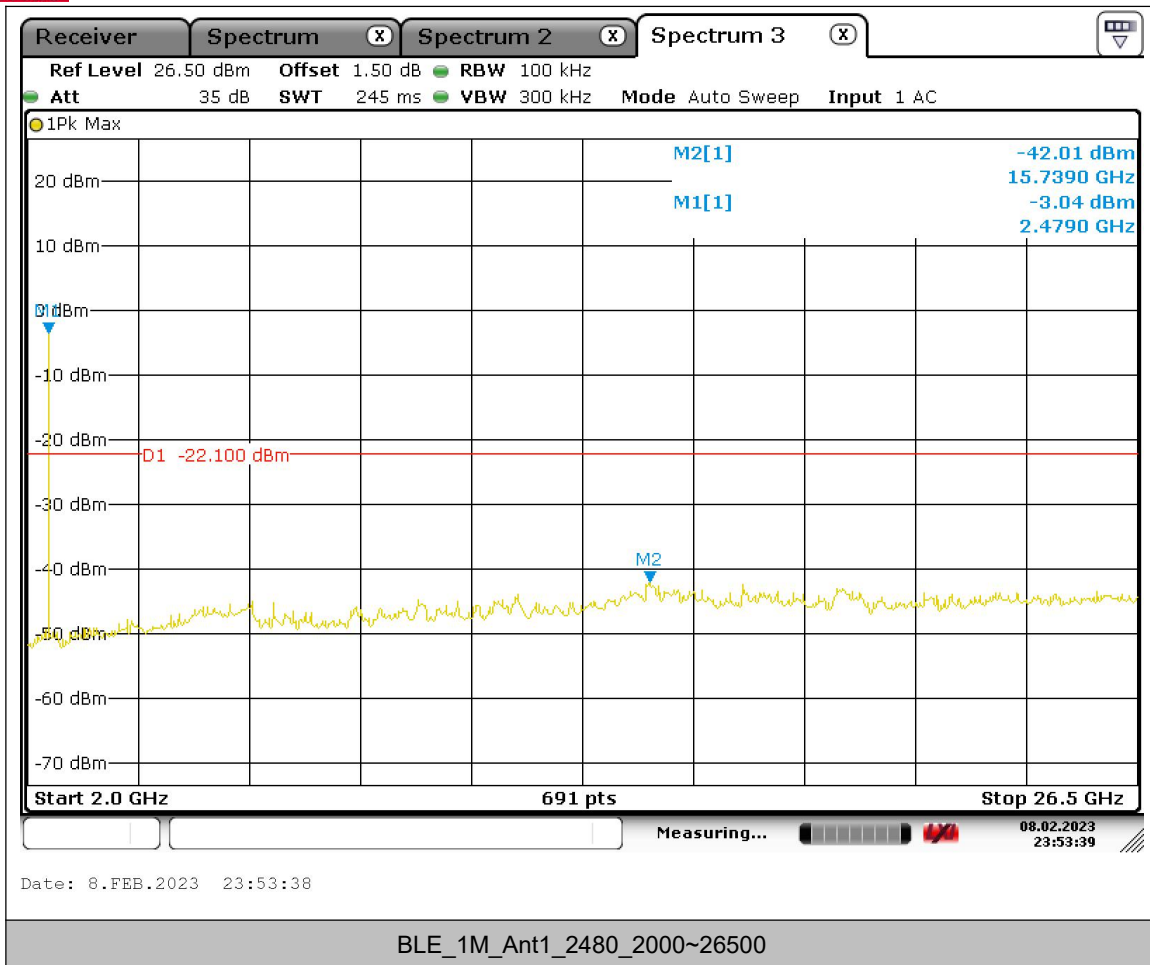
BLE_1M_Ant1_2440_2000~26500





BUREAU VERITAS

Test Report No.: PSU-QSU2309010110RF06





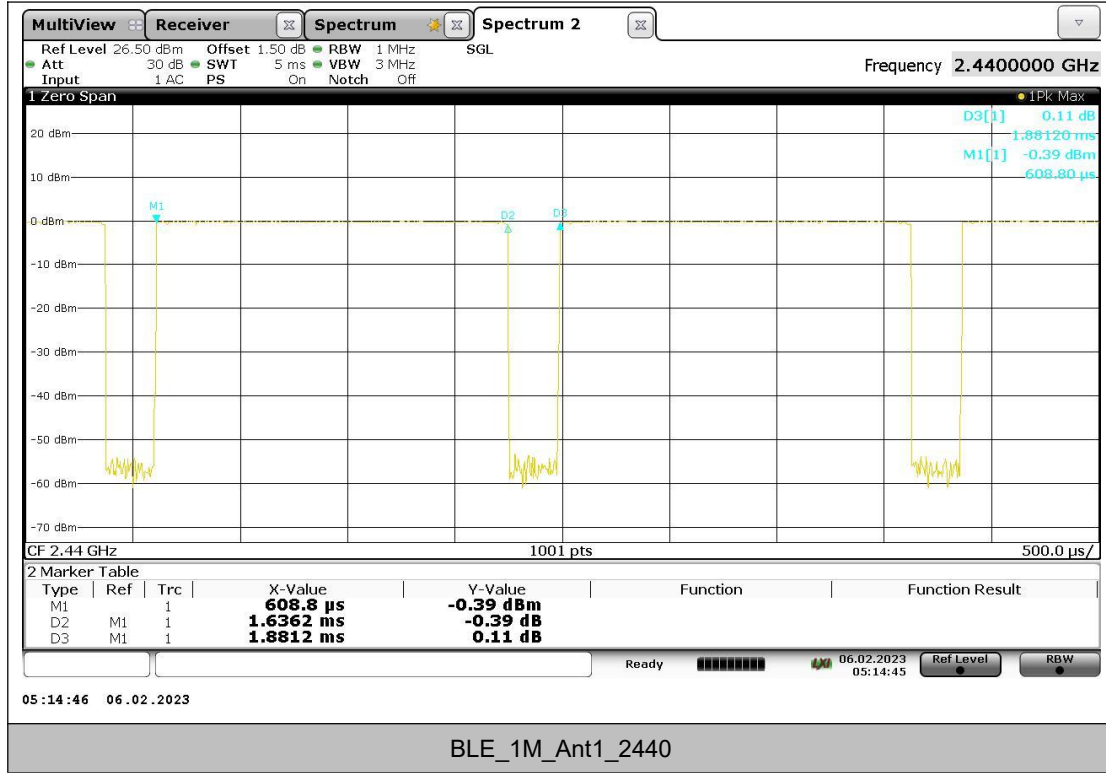
DUTY CYCLE

TEST RESULT

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2440	1.636	1.88	0.8698	86.98	0.61	---	PASS



TEST GRAPHS



---END---