



BUREAU
VERITAS

Test Report No.: PSU-QSU2407190210RF01

Test Graphs

11B-CDD_Ant0_Low_2412

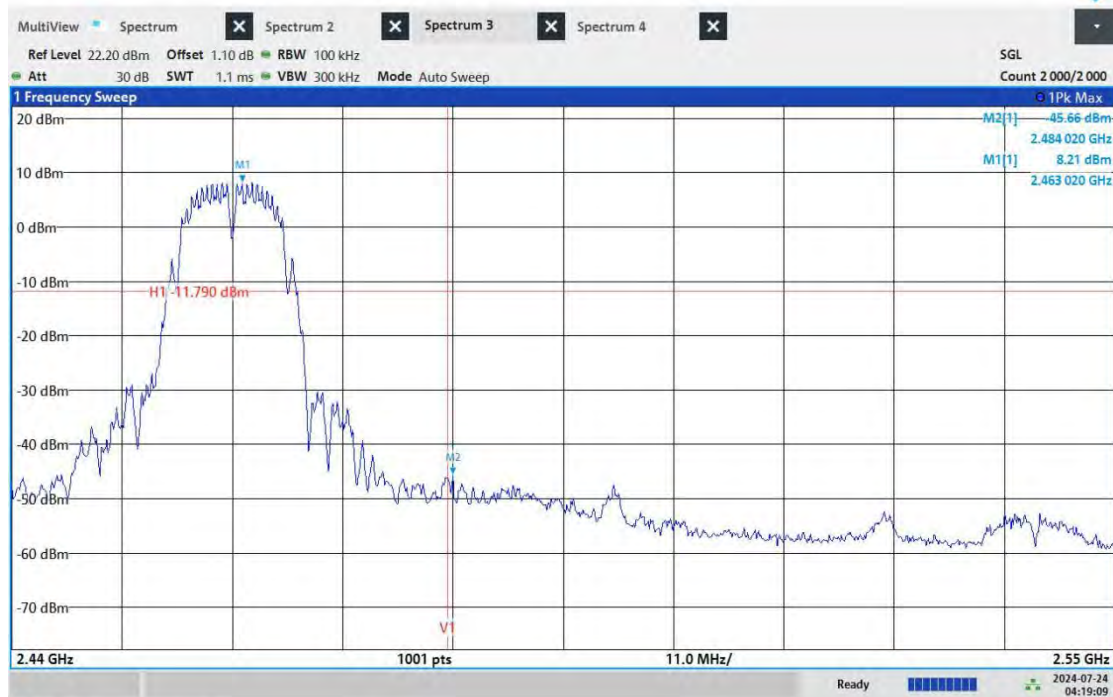


11B-CDD_Ant0_High_2462



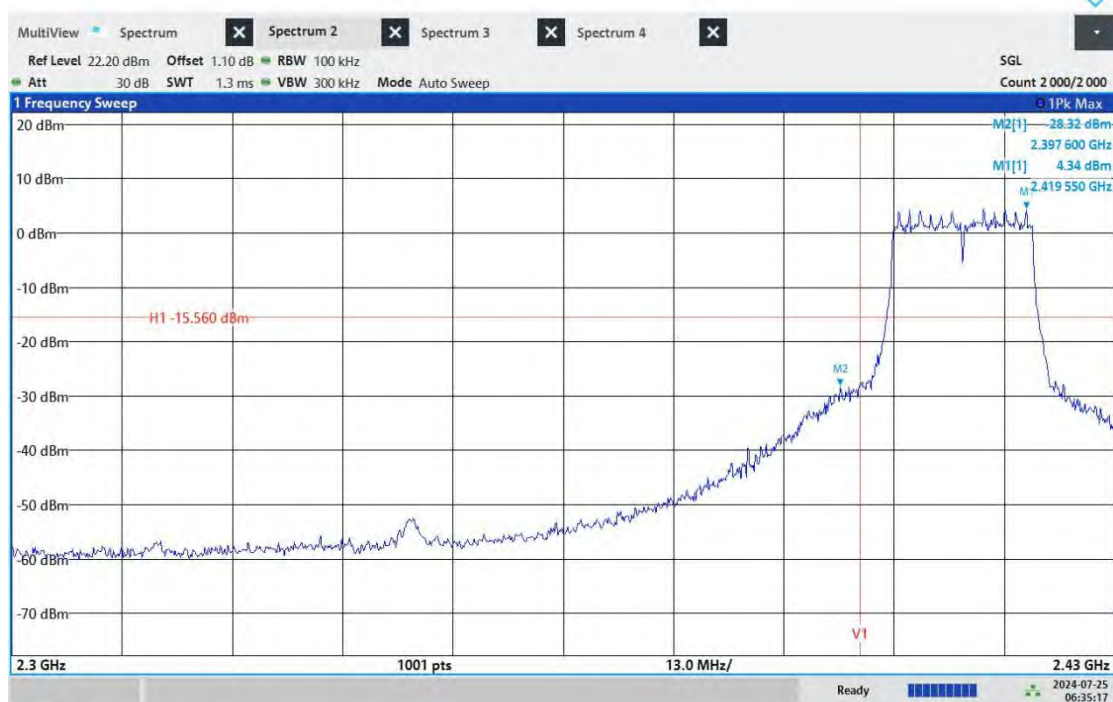
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Test Report No.: PSU-QSU2407190210RF01



04:19:09 AM 07/24/2024

11G-CDD_Ant0_Low_2412



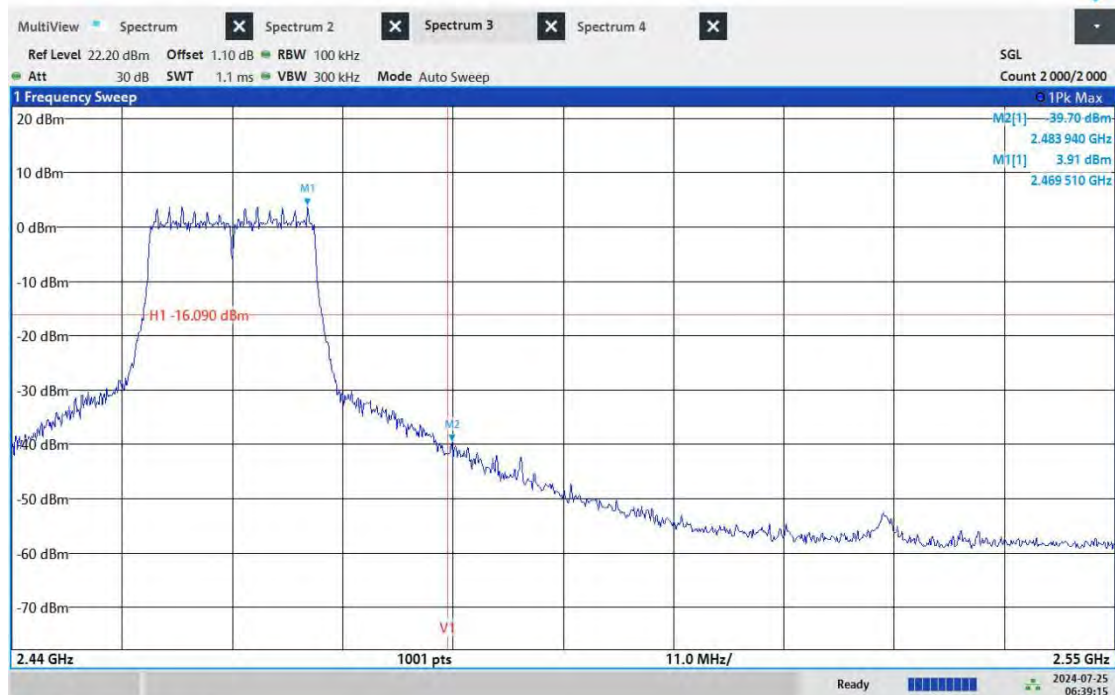
06:35:18 AM 07/25/2024

11G-CDD_Ant0_High_2462

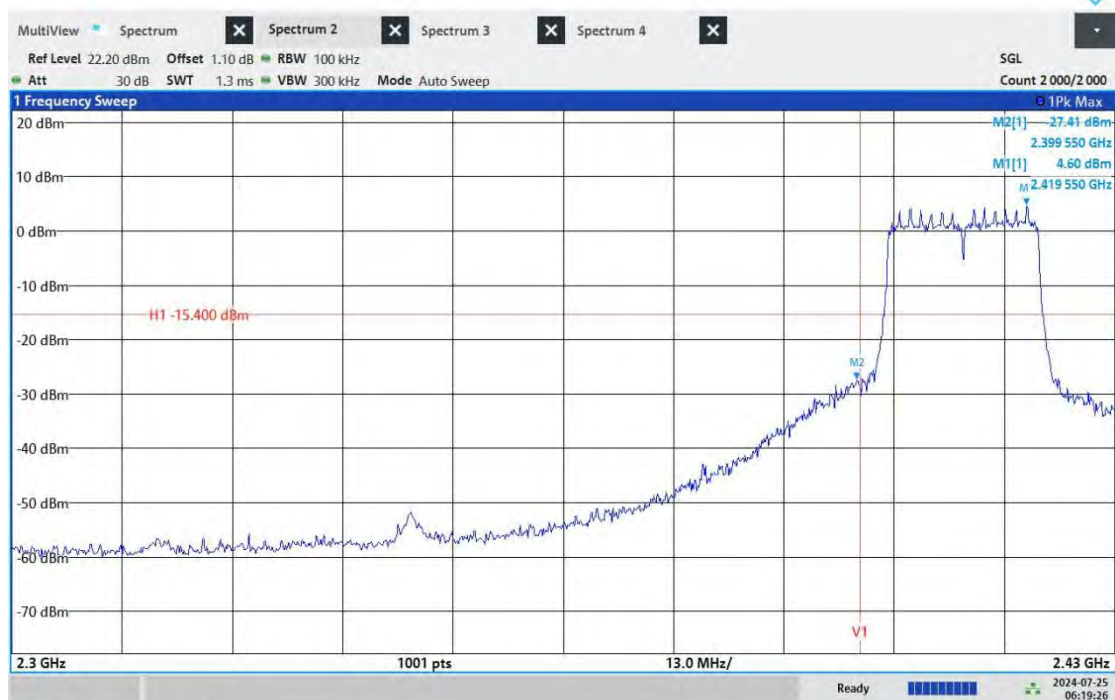


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Test Report No.: PSU-QSU2407190210RF01



11N20SISO_Ant0_Low_2412

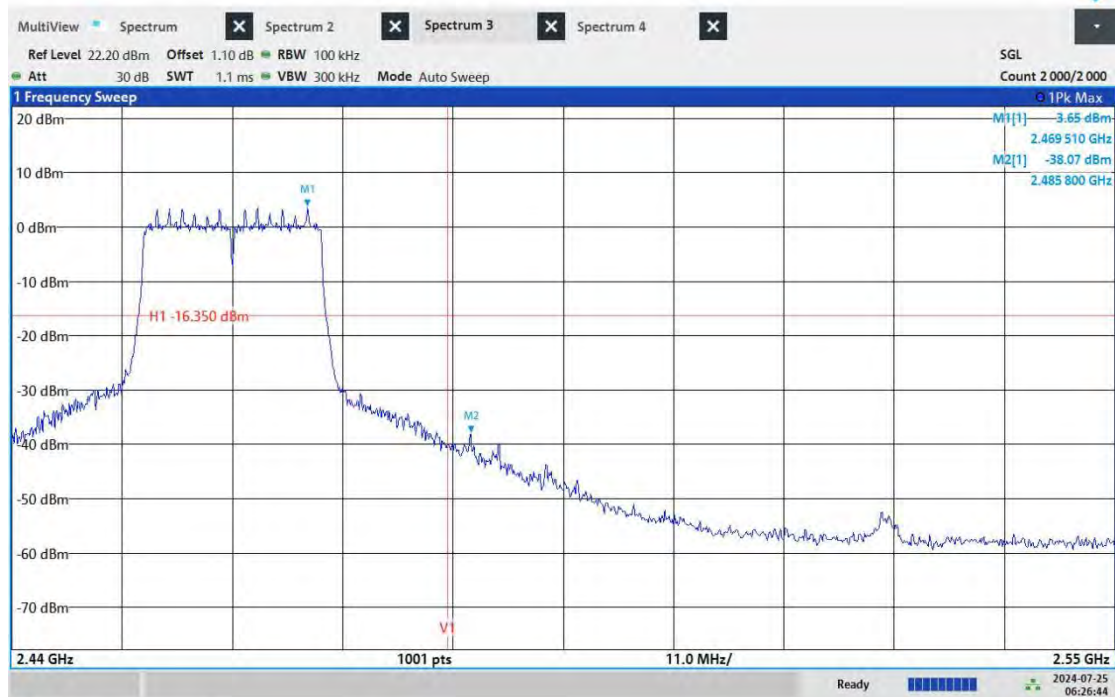


11N20SISO_Ant0_High_2462



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Test Report No.: PSU-QSU2407190210RF01



20M

RBW 100.000 kHz

VBW 300.000 kHz

40M

RBW 100.000 kHz

VBW 300.000 kHz

CONDUCTED SPURIOUS EMISSION

TEST RESULT

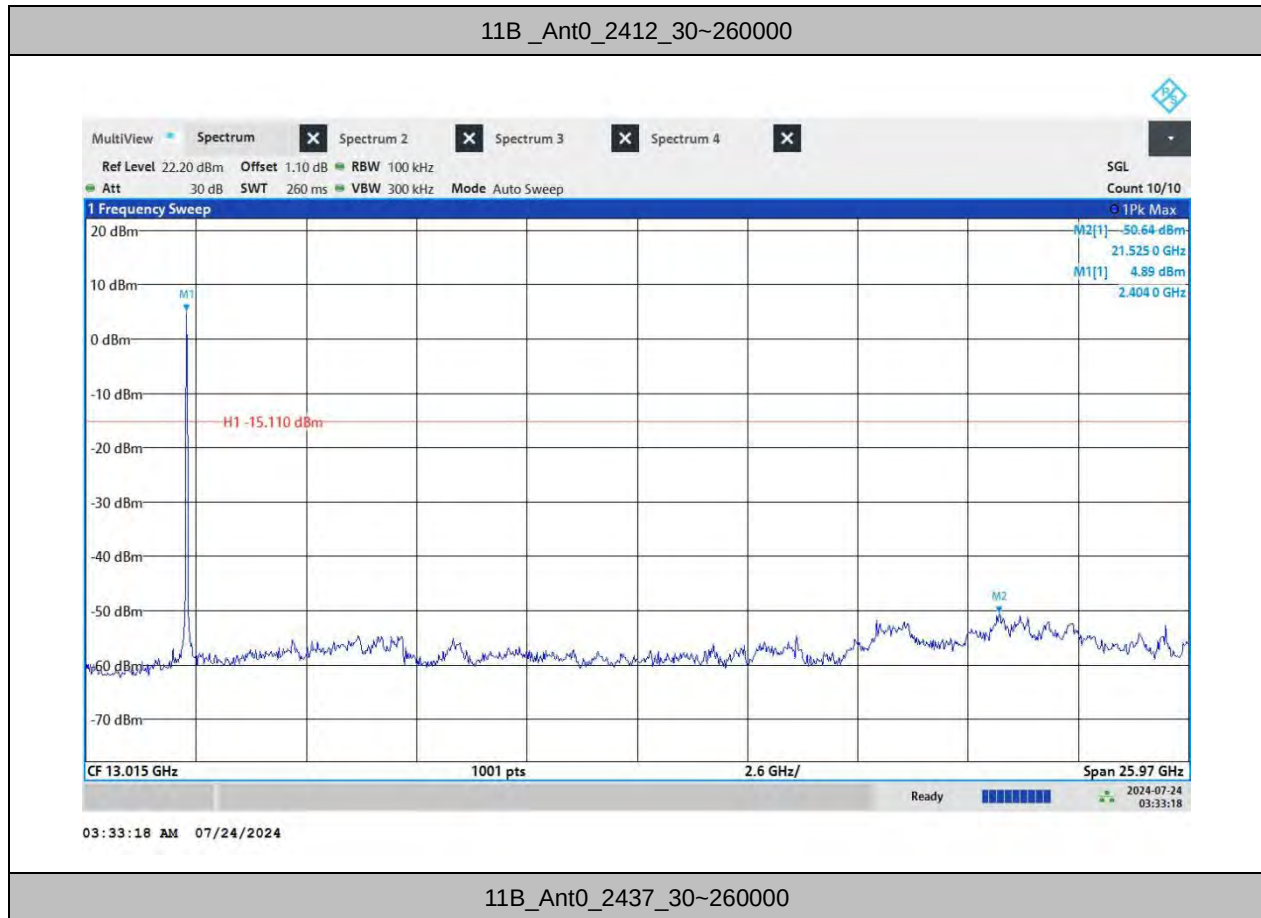
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	30~260000	See test graph	See test graph	PASS
	Ant0	2437	30~260000	See test graph	See test graph	PASS
	Ant0	2462	30~260000	See test graph	See test graph	PASS
11G	Ant0	2412	30~260000	See test graph	See test graph	PASS
	Ant0	2437	30~260000	See test graph	See test graph	PASS
	Ant0	2462	30~260000	See test graph	See test graph	PASS
11N20	Ant0	2412	30~260000	See test graph	See test graph	PASS
	Ant0	2437	30~260000	See test graph	See test graph	PASS
	Ant0	2462	30~260000	See test graph	See test graph	PASS
11N40	Ant0	2422	30~260000	See test graph	See test graph	PASS
	Ant0	2437	30~260000	See test graph	See test graph	PASS
	Ant0	2452	30~260000	See test graph	See test graph	PASS



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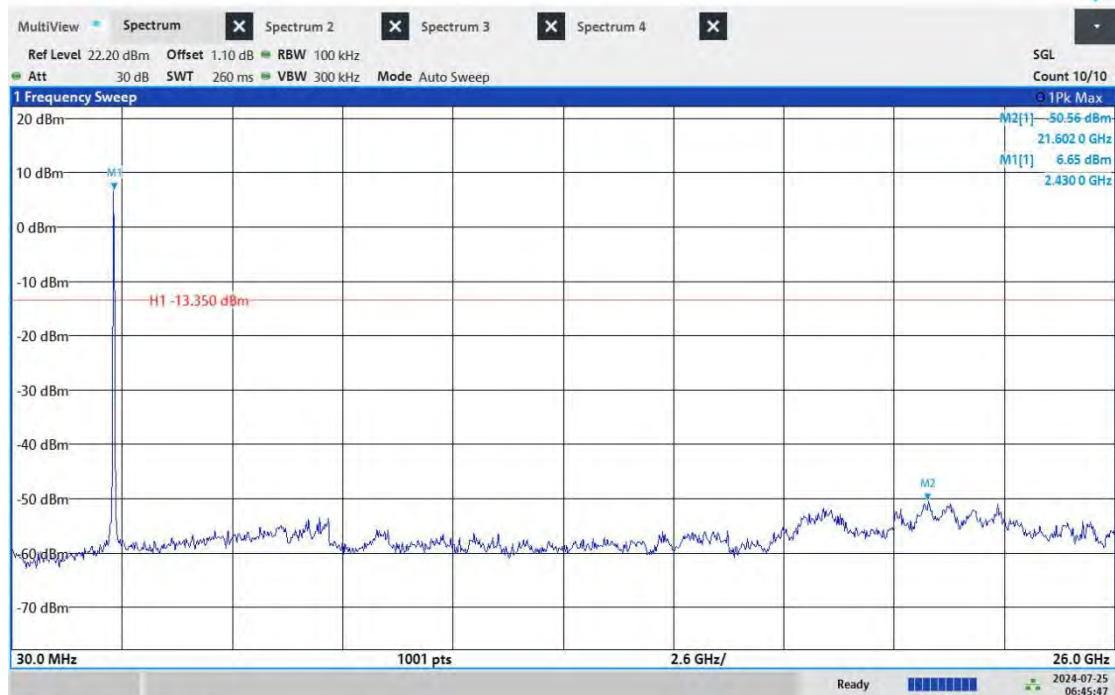
TEST GRAPHS





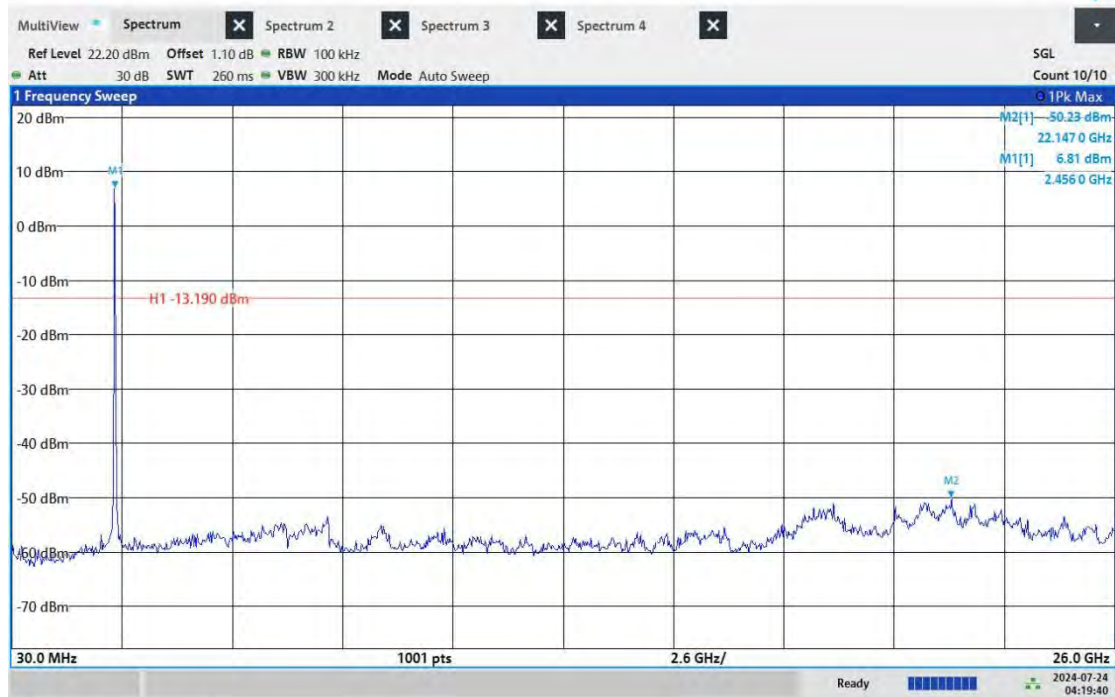
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VERITAS

Test Report No.: PSU-QSU2407190210RF01



06:45:47 AM 07/25/2024

11B_Ant0_2462_30~260000



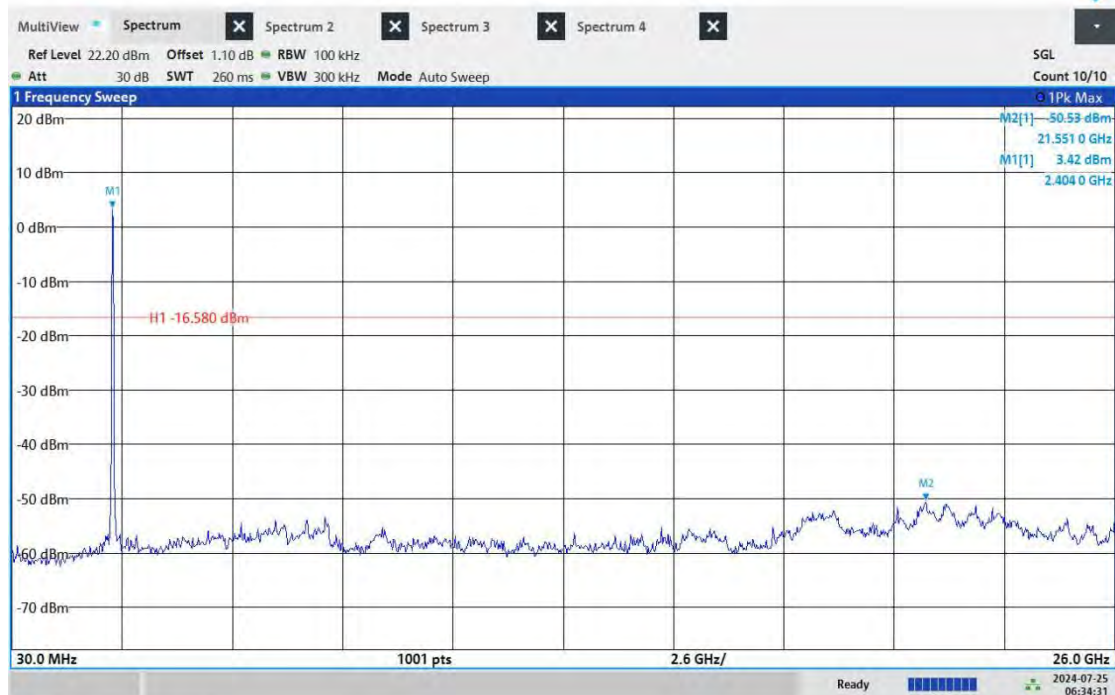
04:19:40 AM 07/24/2024

11G_Ant0_2412_30~260000



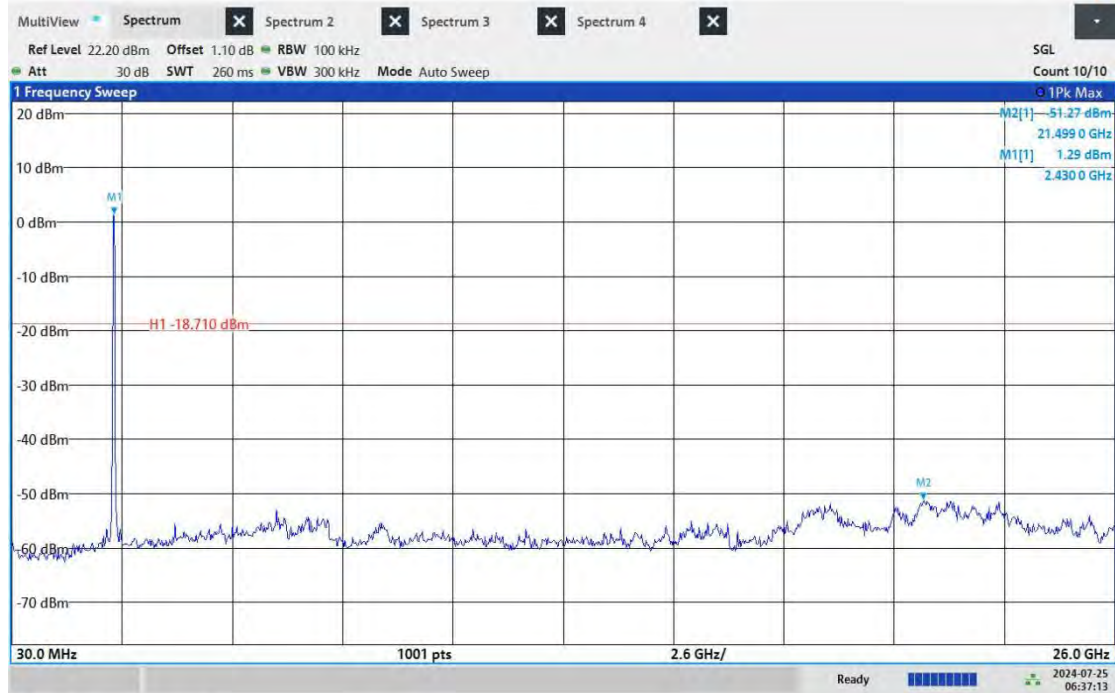
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VERITAS

Test Report No.: PSU-QSU2407190210RF01



06:34:32 AM 07/25/2024

11G_Ant0_2437_30~260000



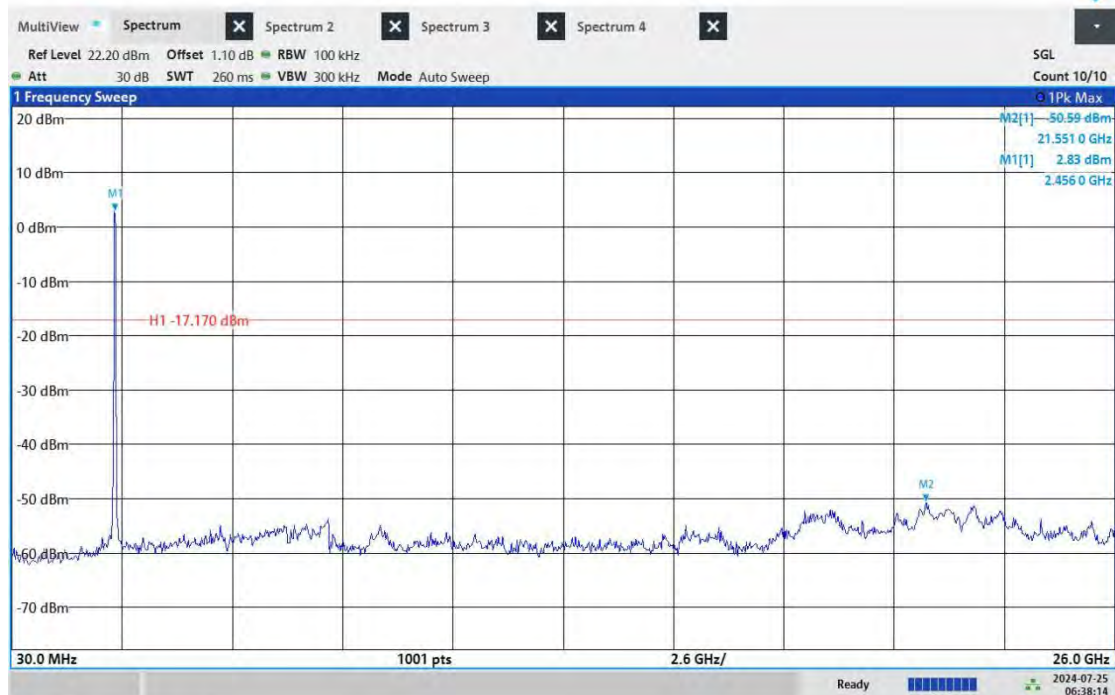
06:37:14 AM 07/25/2024

11G_Ant0_2462_30~260000



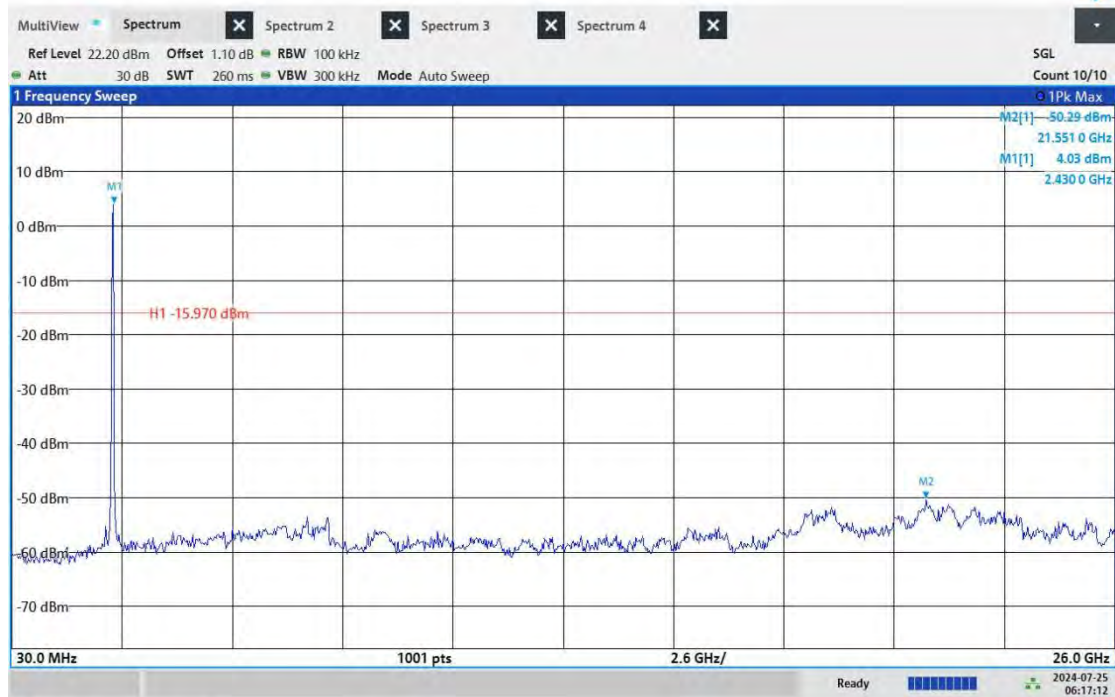
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Test Report No.: PSU-QSU2407190210RF01



06:38:14 AM 07/25/2024

11N20_Ant0_2412_30~260000



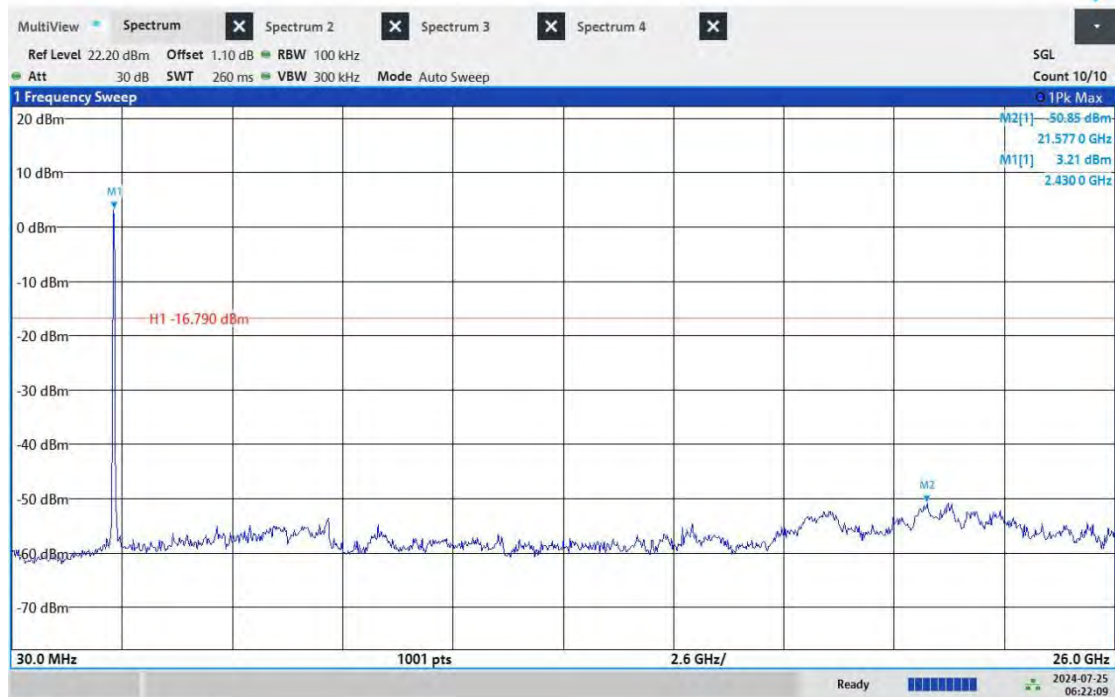
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11N20_Ant0_2437_30~260000



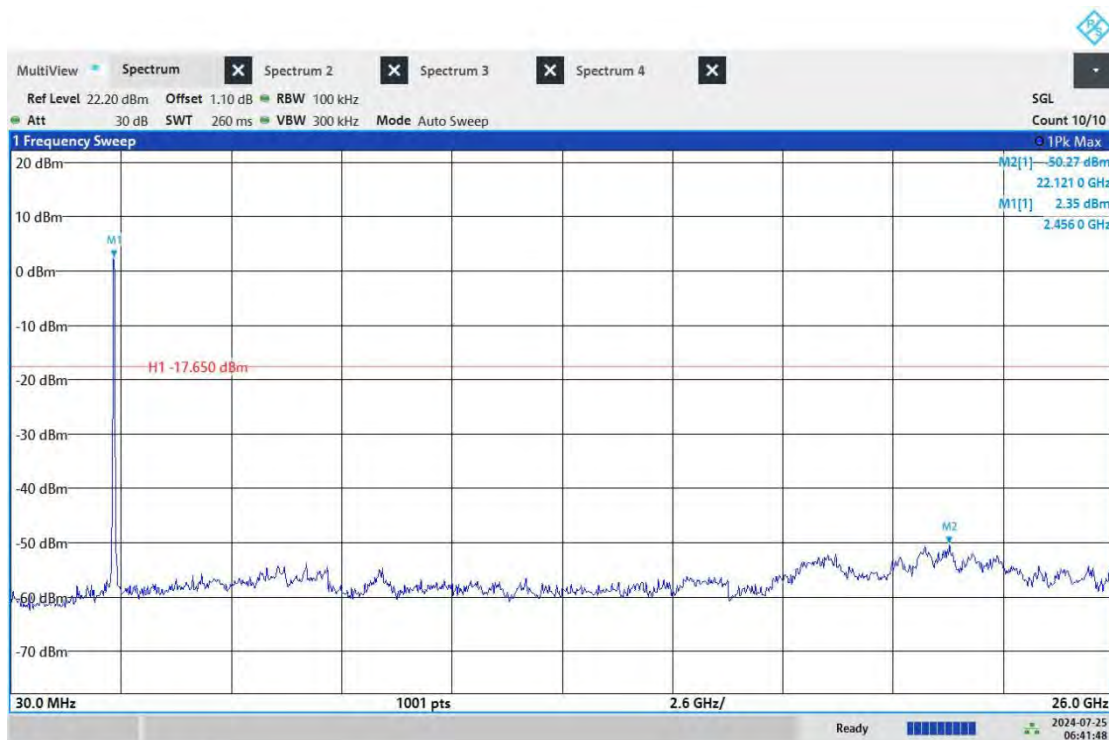
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Test Report No.: PSU-QSU2407190210RF01



06:22:10 AM 07/25/2024

11N20_Ant0_2462_30~260000



06:41:48 AM 07/25/2024

20M

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Test Report No.: PSU-QSU2407190210RF01

RBW 100.000 kHz

VBW 300.000 kHz

40M

RBW 100.000 kHz

VBW 300.000 kHz

DUTY CYCLE

TEST RESULT

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	X	Duty Cycle [%]	dutycycle factor
11B	Ant0	2412	/	/	100.00	100.00%	0
11G	Ant0	2412	2.7300	2.7600	98.91	98.91%	0.05
11N20	Ant0	2412	2.5400	2.5700	98.83	98.83%	0.05

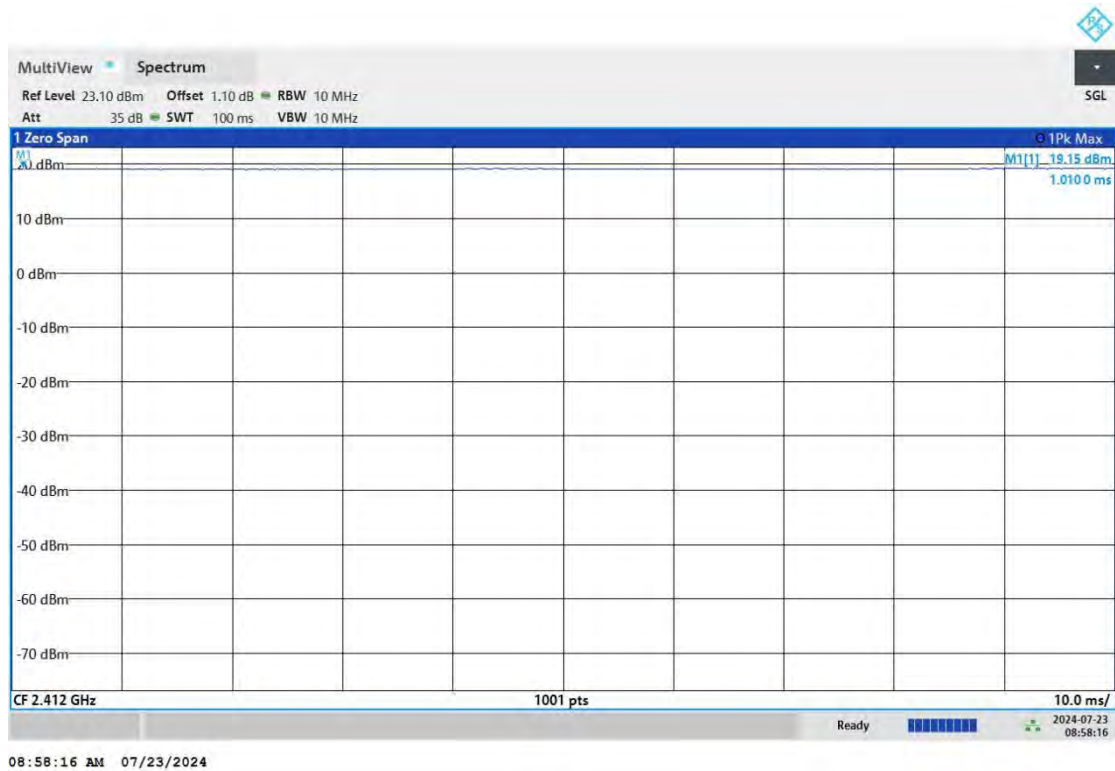


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TEST GRAPHS

11B_Ant0_2412

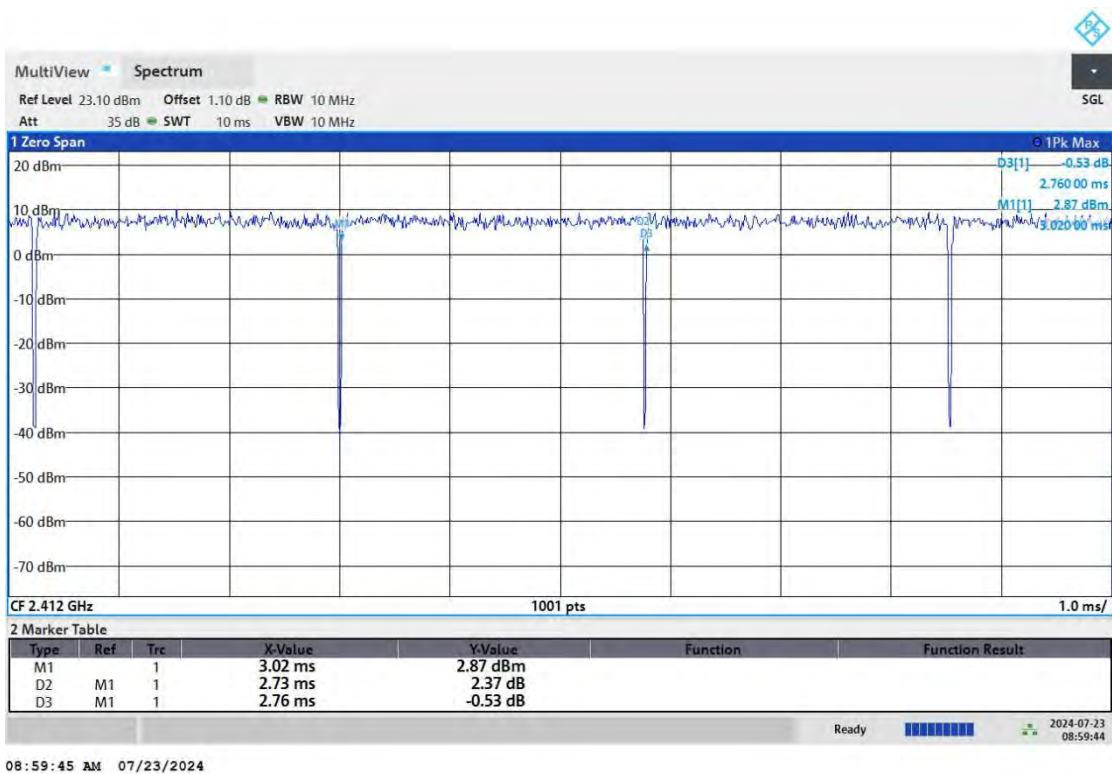


11G_Ant0_2412

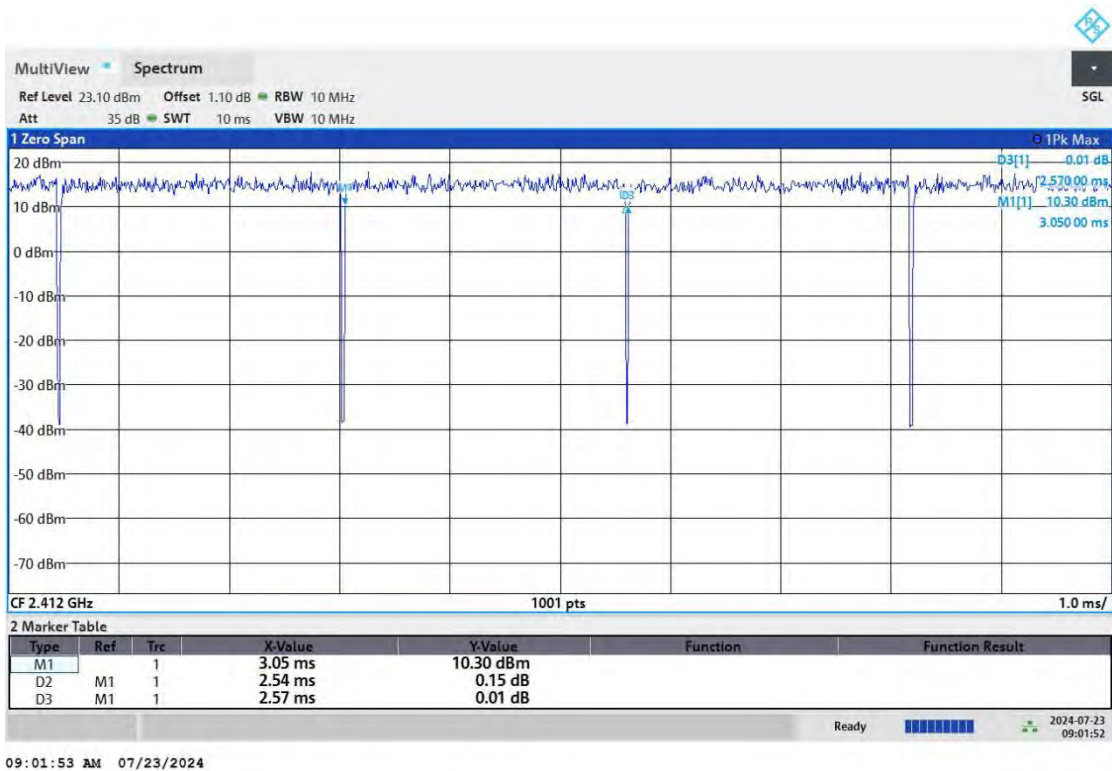


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VERITAS

Test Report No.: PSU-QSU2407190210RF01



11N20_Ant0_2412



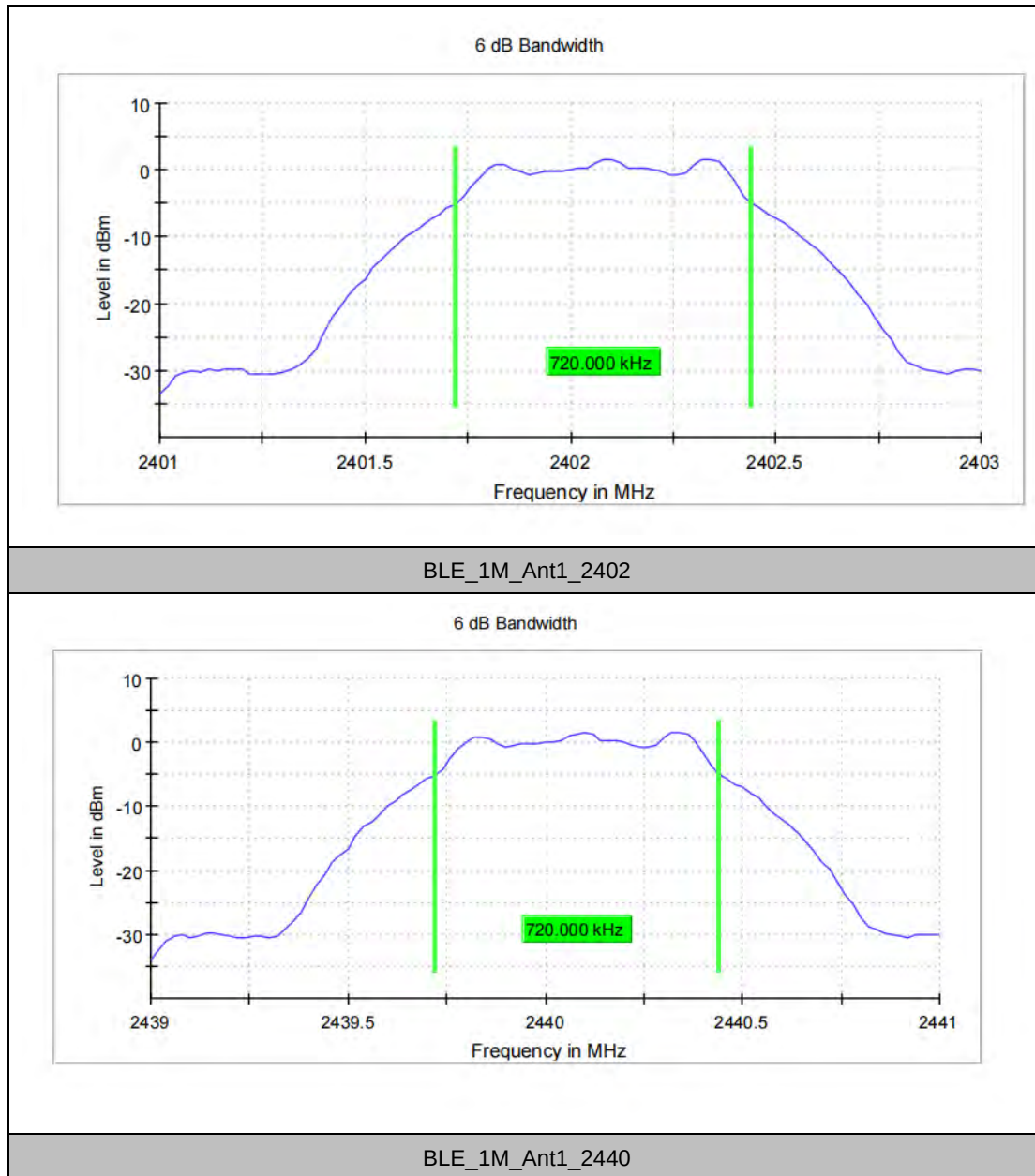
7 APPENDIX 2:BT DTS BANDWIDTH

TEST RESULT

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.720	2401.720	2402.440	0.5	PASS
		2440	0.720	2439.720	2440.440	0.5	PASS
		2480	0.720	2479.720	2480.440	0.5	PASS



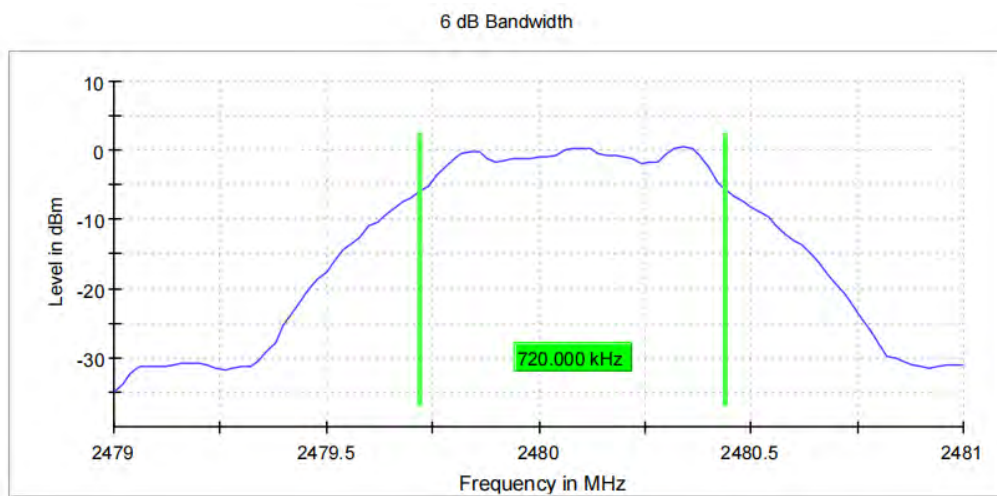
TEST GRAPHS





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VERITAS

Test Report No.: PSU-QSU2407190210RF01



BLE_1M_Ant1_2480

RBW 100.000 kHz

VBW 300.000 kHz



Test Report No.: PSU-QSU2407190210RF01

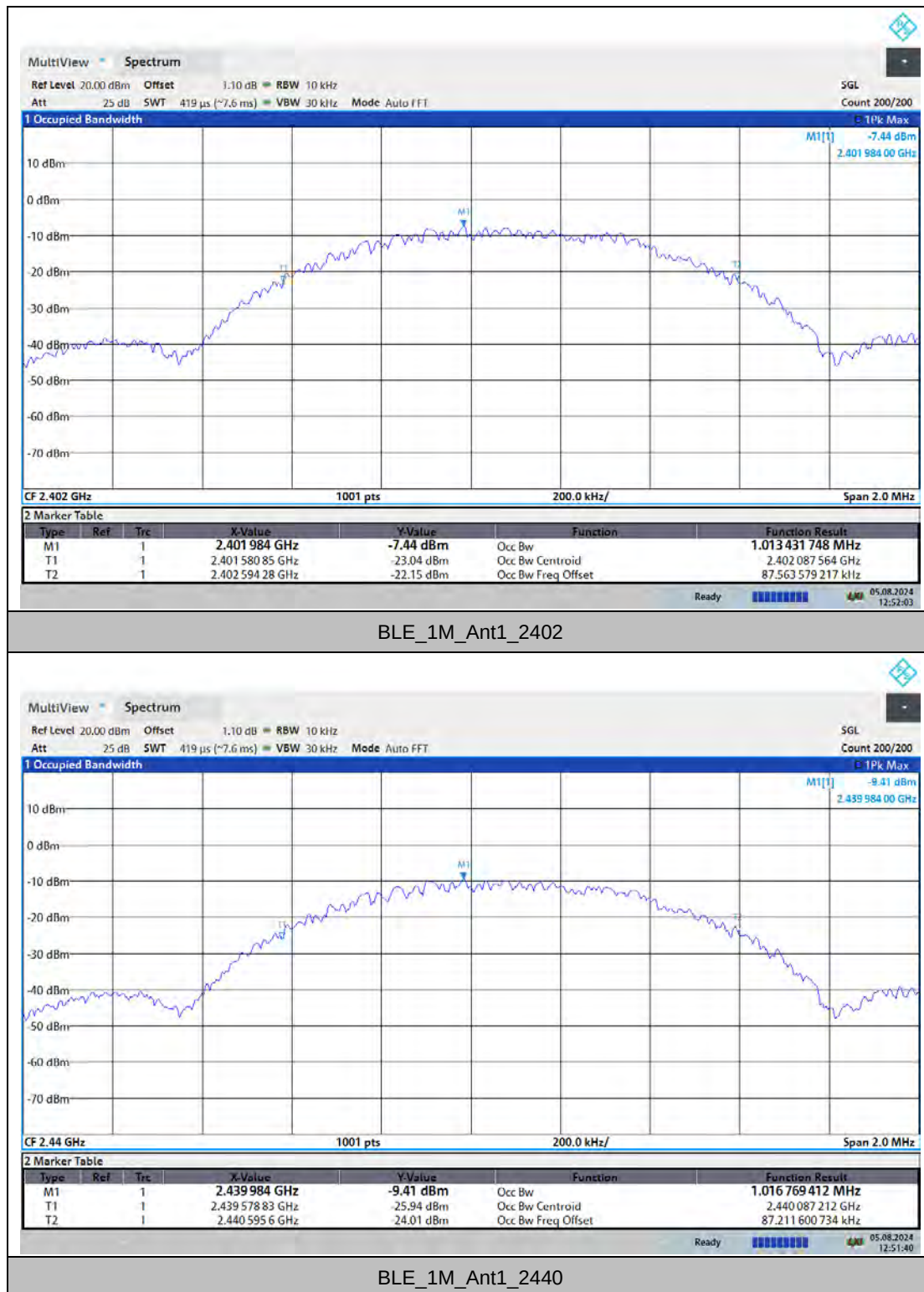
OCCUPIED CHANNEL BANDWIDTH

TEST RESULT

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.013	2401.581	2402.594	2400-24835	PASS
		2440	1.017	2439.579	2440.596	2400-24835	PASS
		2480	1.015	2479.584	2480.599	2400-24835	PASS



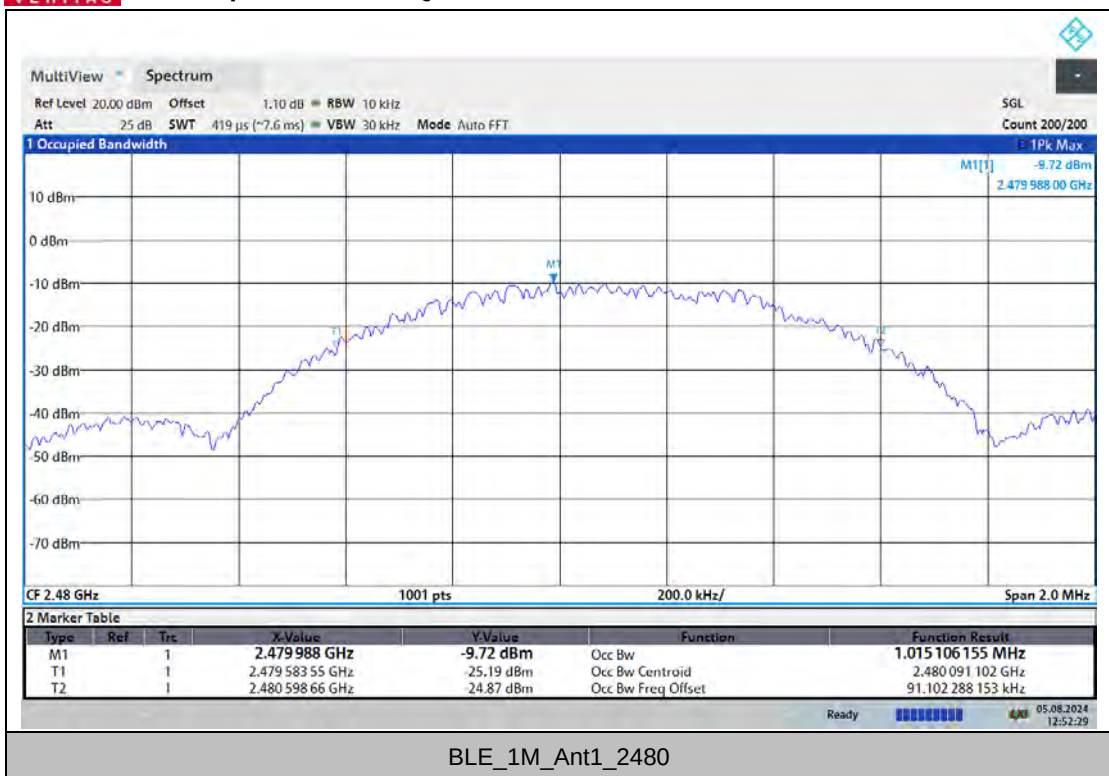
TEST GRAPHS





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VERITAS

Test Report No.: PSU-QSU2407190210RF01





Test Report No.: PSU-QSU2407190210RF01

MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT

TestMode	Antenna	Channel	Average power [dBm]	Peak power [dBm]	Peak power [mw]	Conducted Limit [dBm]	Verdict	Power Setting
BLE_1M	Ant1	2402	1.89	2.00	1.59	30.000	PASS	Default
		2440	1.30	1.81	1.52	30.000	PASS	Default
		2480	0.42	0.66	1.16	30.000	PASS	Default
Note:EIRP=Peak Power+Gain								



Test Report No.: PSU-QSU2407190210RF01

MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

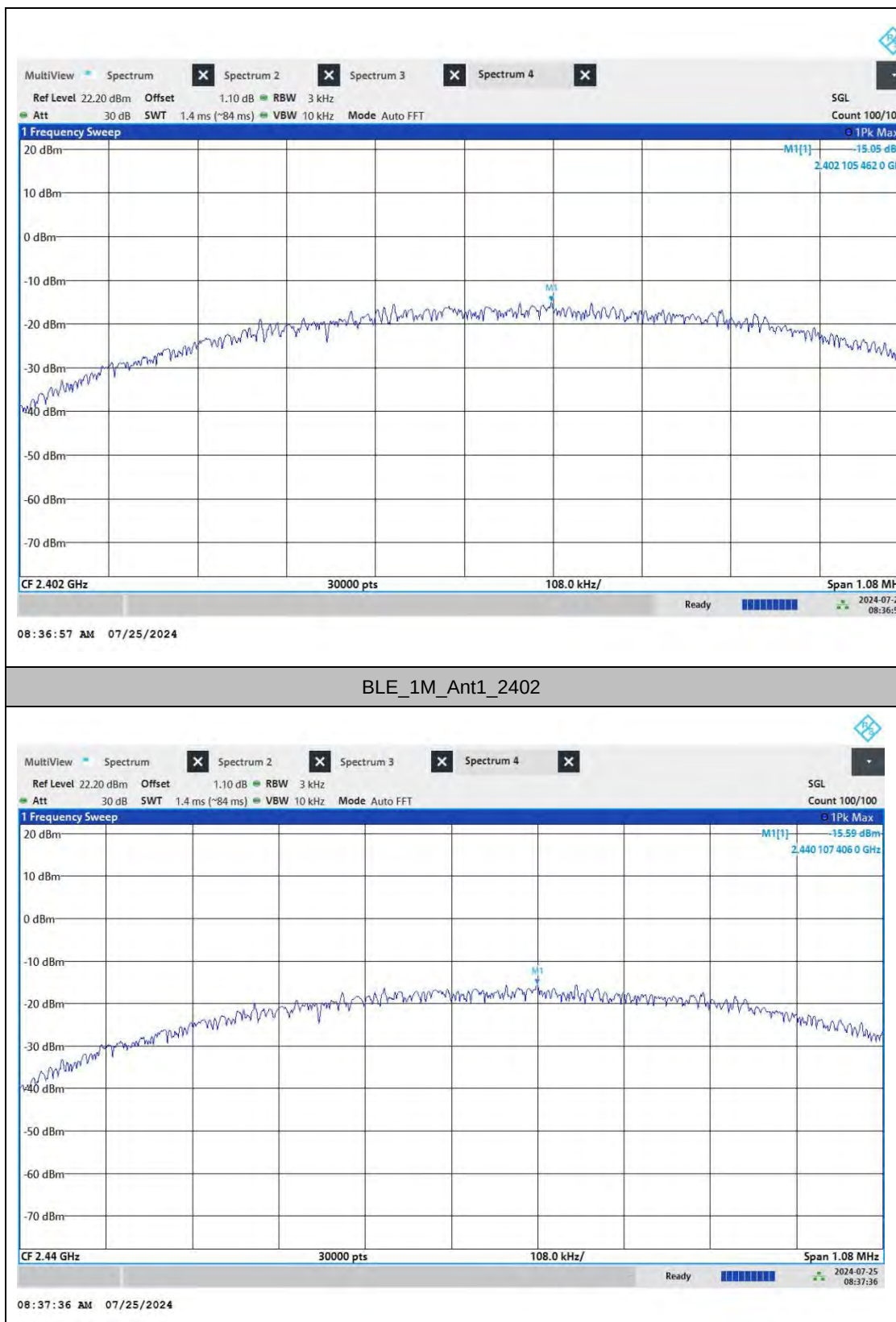
TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.05	≤8	PASS
		2440	-15.59	≤8	PASS
		2480	-15.94	≤8	PASS



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TEST GRAPHS



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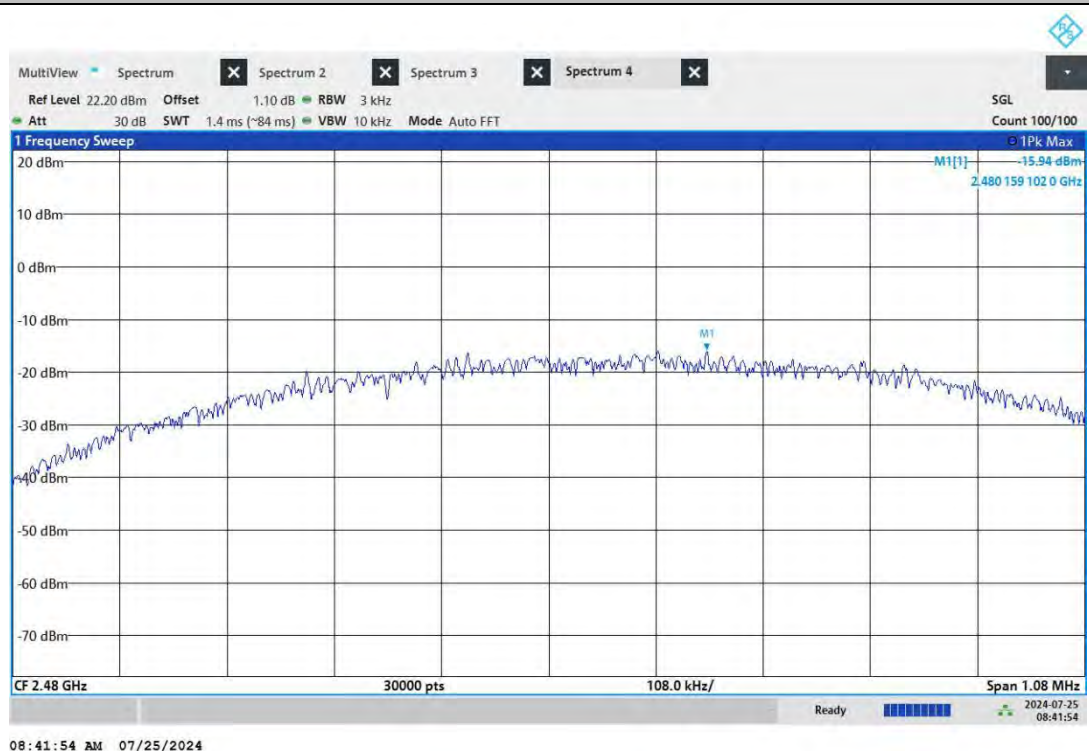
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Test Report No.: PSU-QSU2407190210RF01

BLE_1M_Ant1_2440



BLE_1M_Ant1_2480

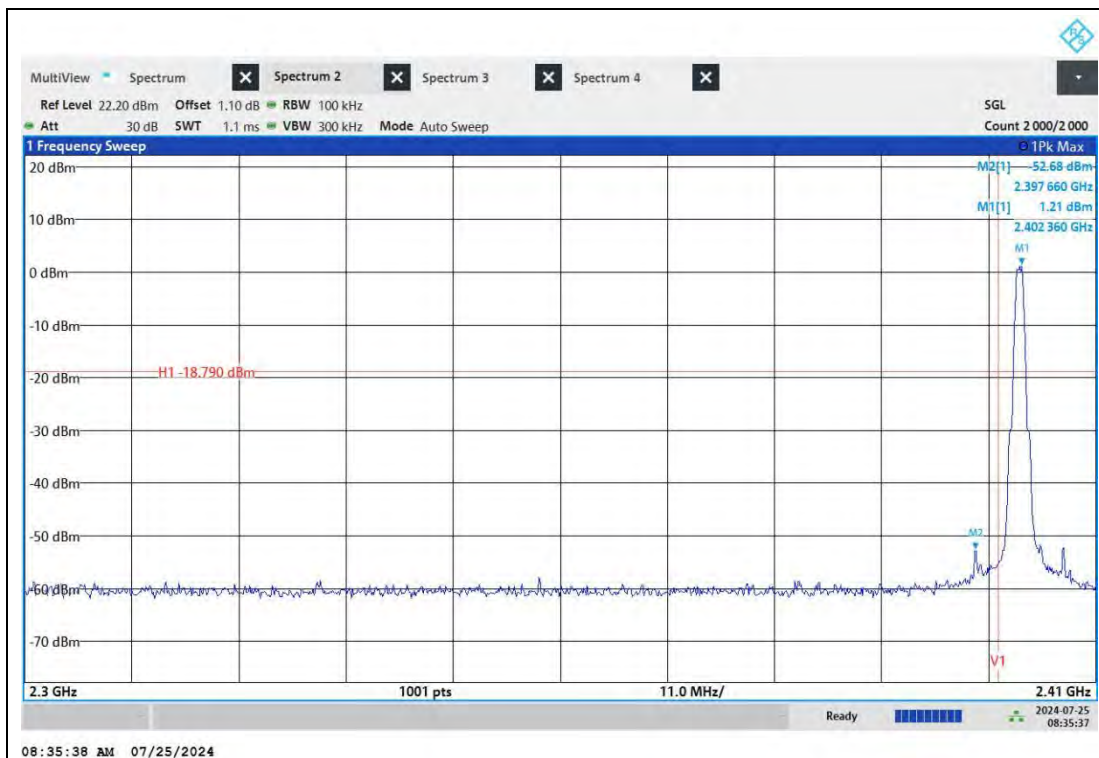
BAND EDGE MEASUREMENTS

TEST RESULT

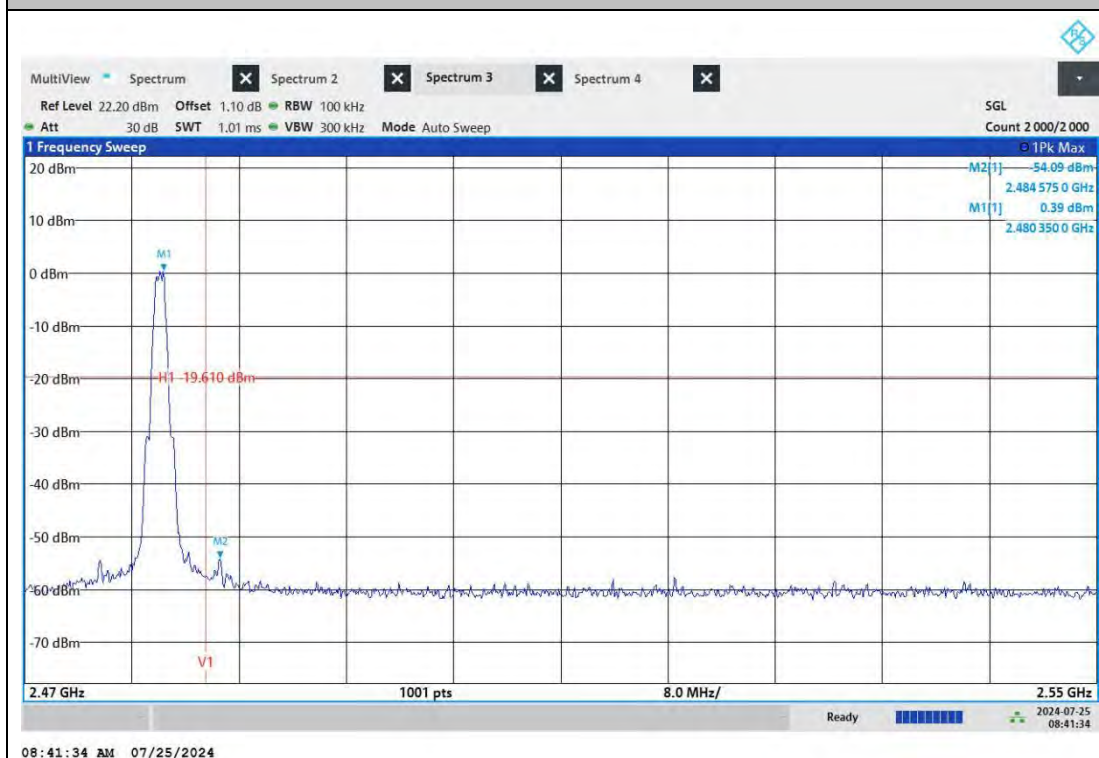
TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	See test graph	See test graph	PASS
		High	2480	See test graph	See test graph	PASS



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TEST GRAPHS



BLE_1M_Ant1_Low_2402



BLE_1M_Ant1_High_2480



Test Report No.: PSU-QSU2407190210RF01

CONDUCTED SPURIOUS EMISSION

TEST RESULT

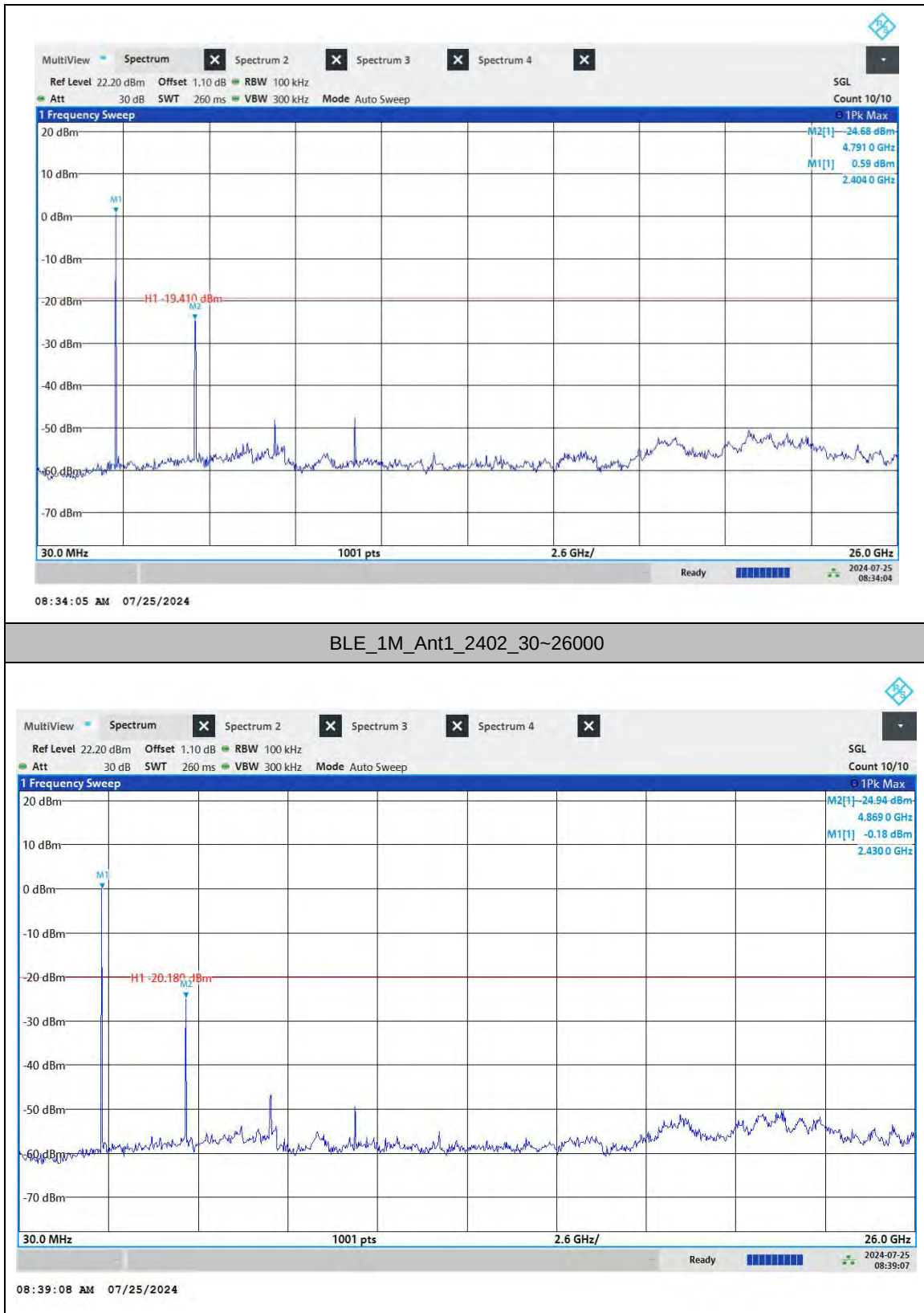
TestMode	Antenna	Channel	FreqRange [MHz]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	See test graph	See test graph	PASS
		2440	30~26500	See test graph	See test graph	PASS
		2480	30~26500	See test graph	See test graph	PASS



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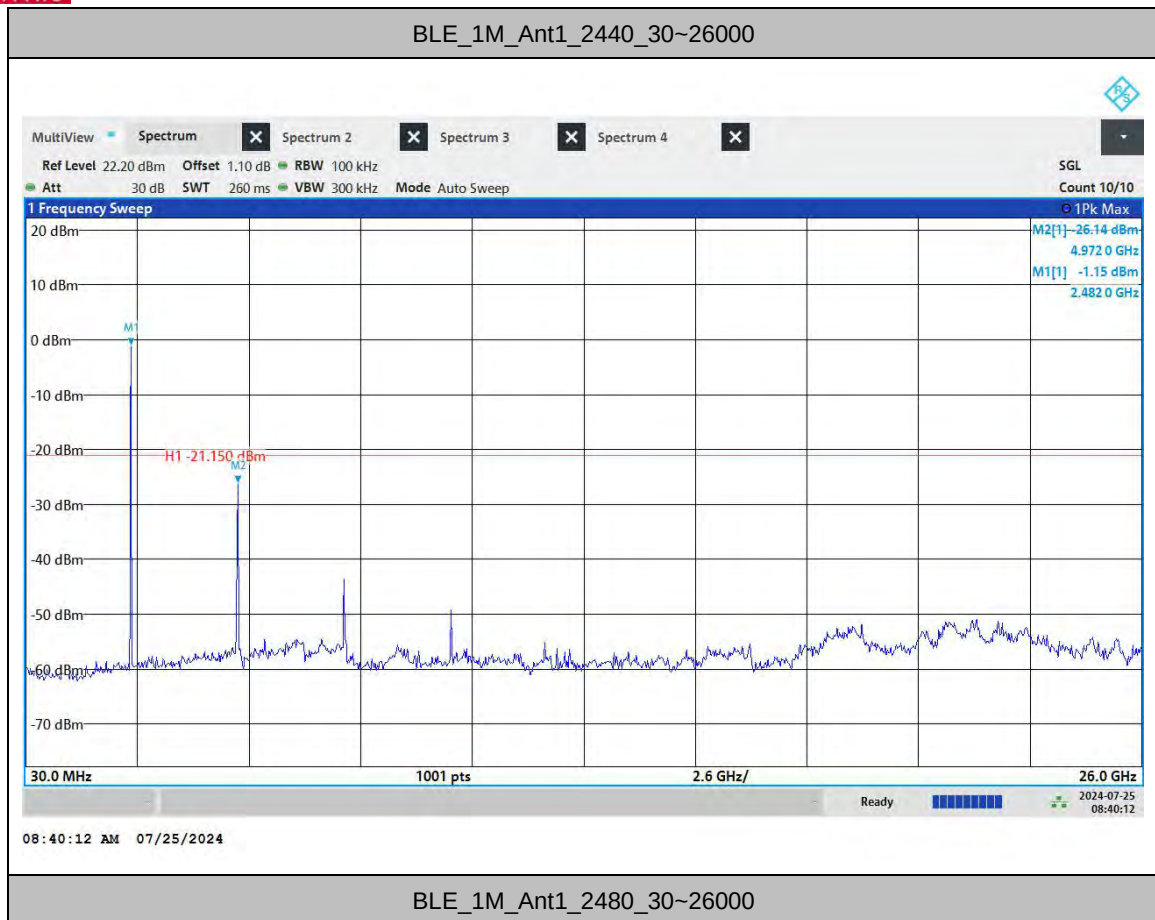
TEST GRAPHS





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DUTY CYCLE

TEST RESULT

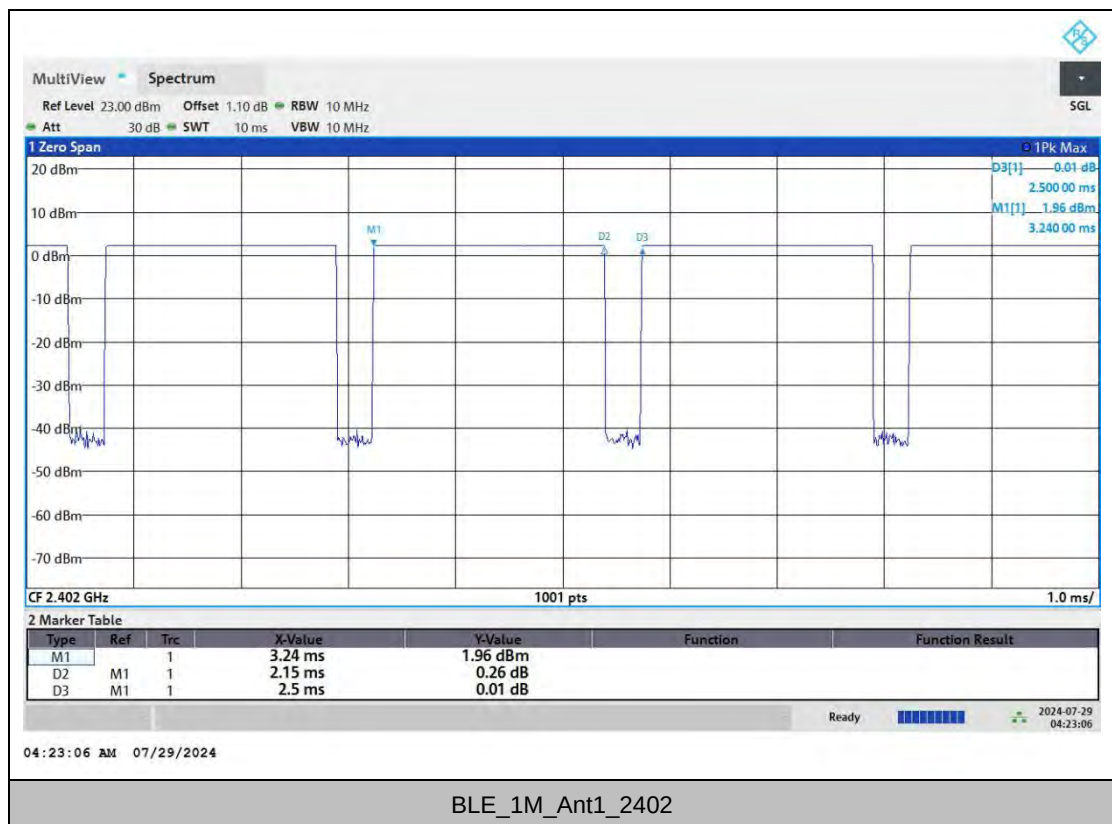
TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	2.1500	2.500	86	86.00 %	0.66	---	PASS



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TEST GRAPHS



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