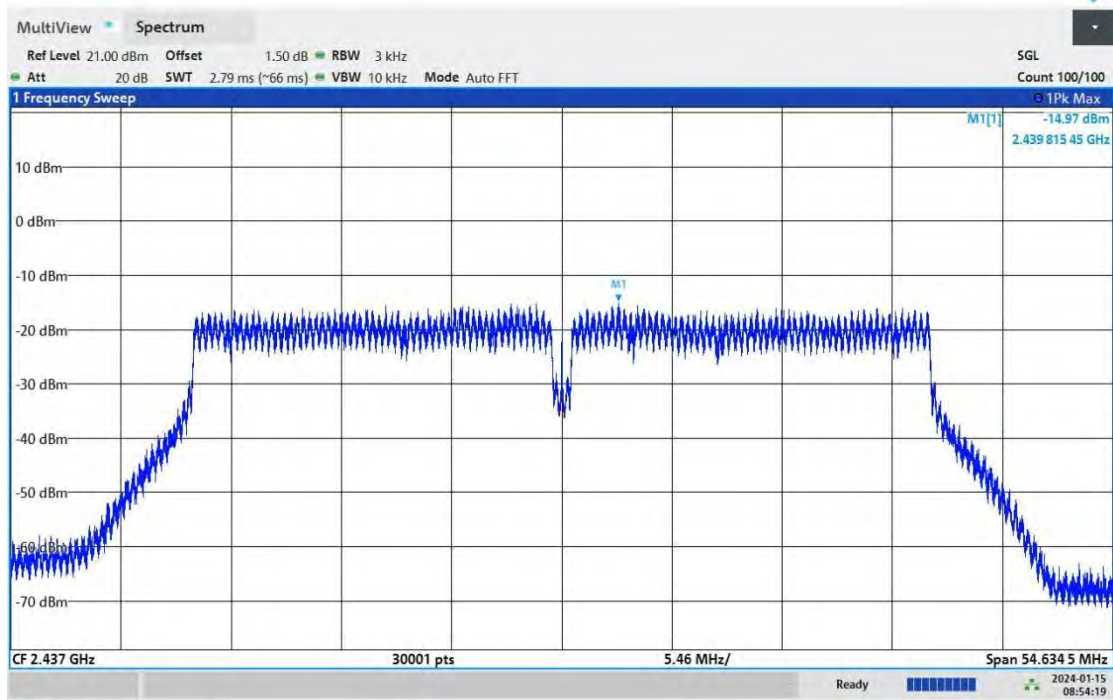


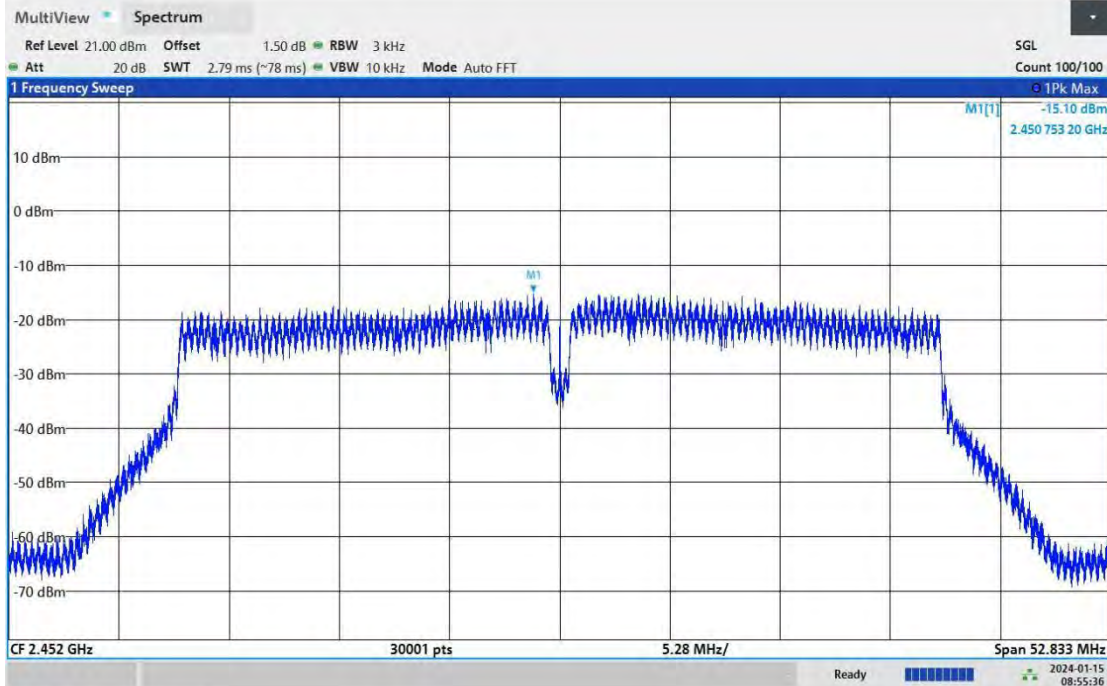


11N40\_Ant0\_2437



08:54:20 AM 01/15/2024

11N40\_Ant0\_2452



08:55:36 AM 01/15/2024



## BAND EDGE MEASUREMENTS

### TEST RESULT

TestMode	Antenna	ChName	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	Low	2412	See test graph	See test graph	PASS
	Ant0	High	2462	See test graph	See test graph	PASS
11G	Ant0	Low	2412	See test graph	See test graph	PASS
	Ant0	High	2462	See test graph	See test graph	PASS
11N20	Ant0	Low	2412	See test graph	See test graph	PASS
	Ant0	High	2462	See test graph	See test graph	PASS
11N40	Ant0	Low	2422	See test graph	See test graph	PASS
	Ant0	High	2452	See test graph	See test graph	PASS

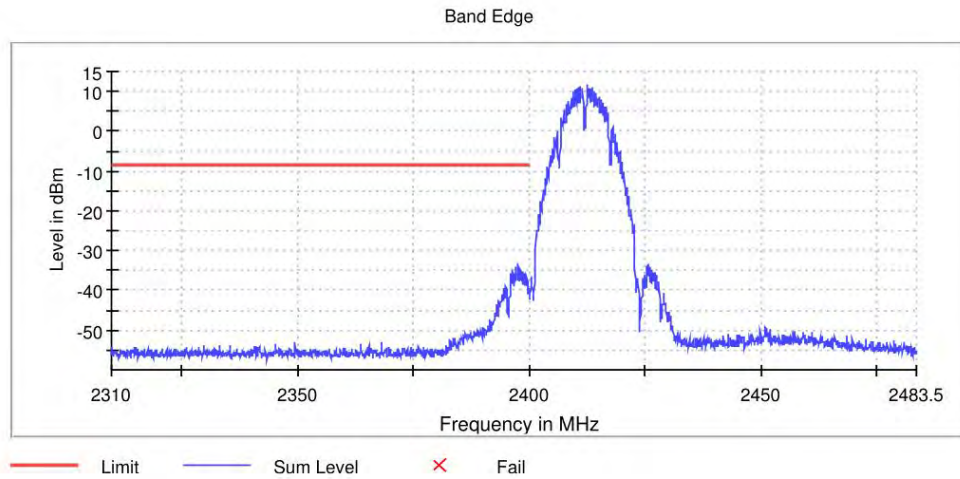


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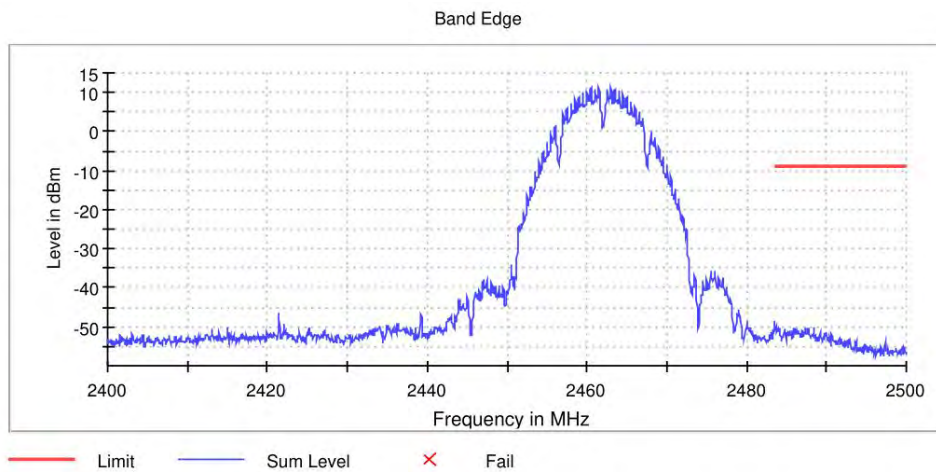
Test Report No.: PSU-NQN2402040109RF06

## TEST GRAPHS

11B-CDD\_Ant0\_Low\_2412

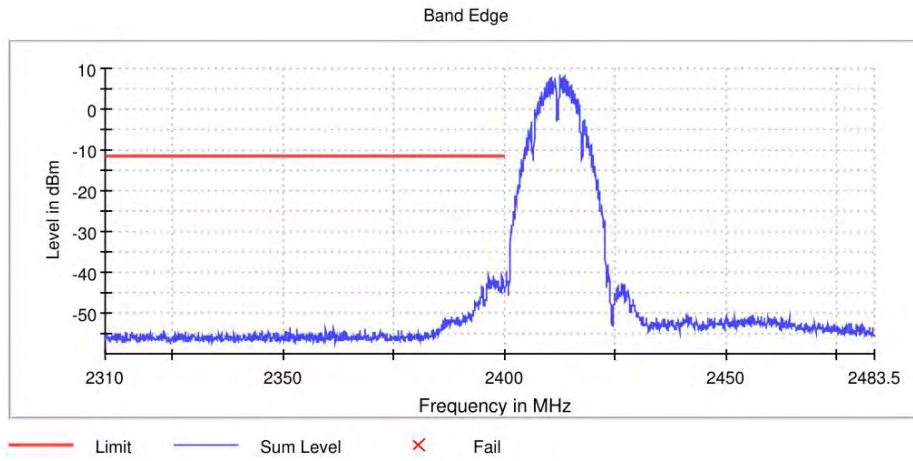


11B-CDD\_Ant0\_High\_2462

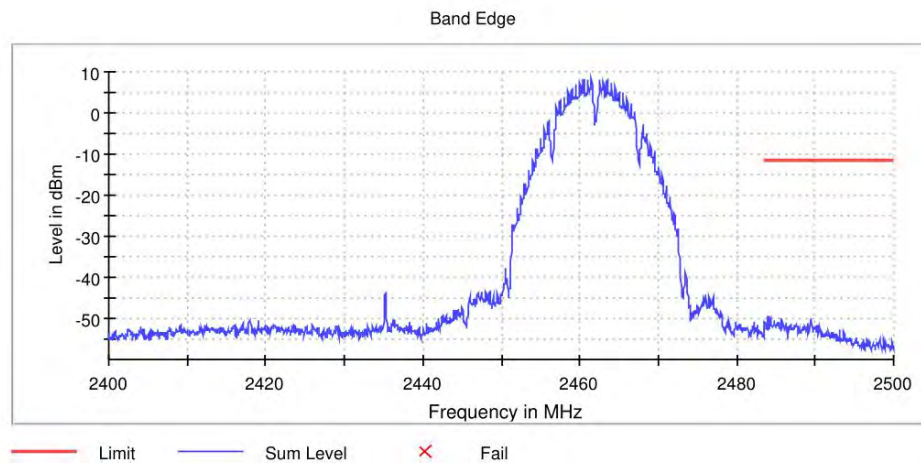




11G-CDD\_Ant0\_Low\_2412



11G-CDD\_Ant0\_High\_2462

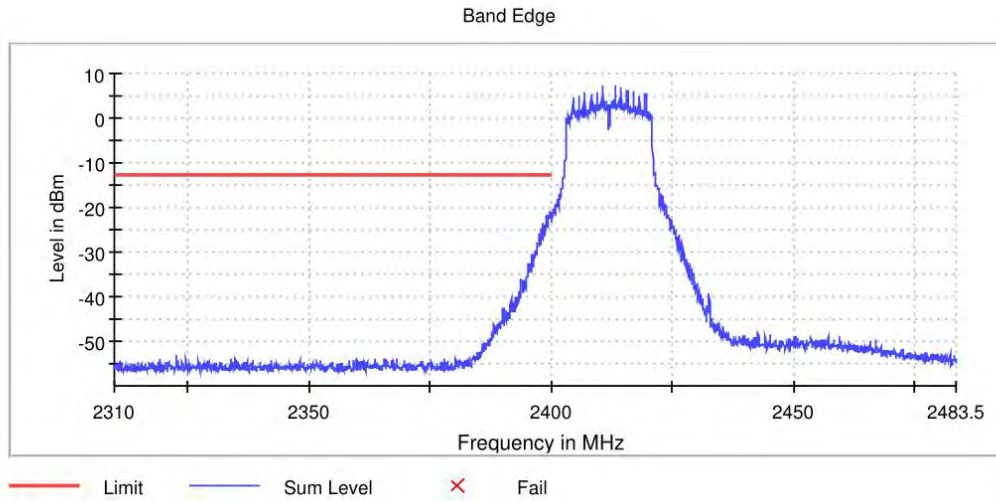




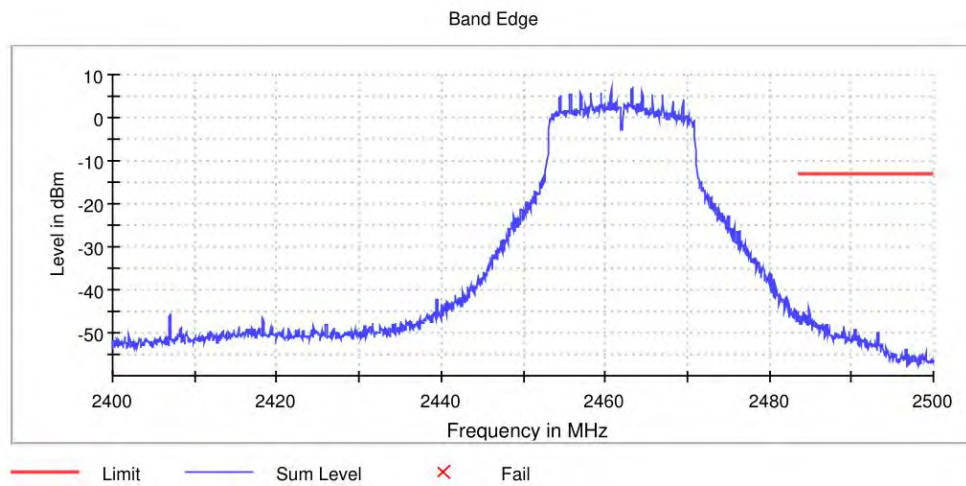
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Test Report No.: PSU-NQN2402040109RF06

11N20SISO\_Ant0\_Low\_2412



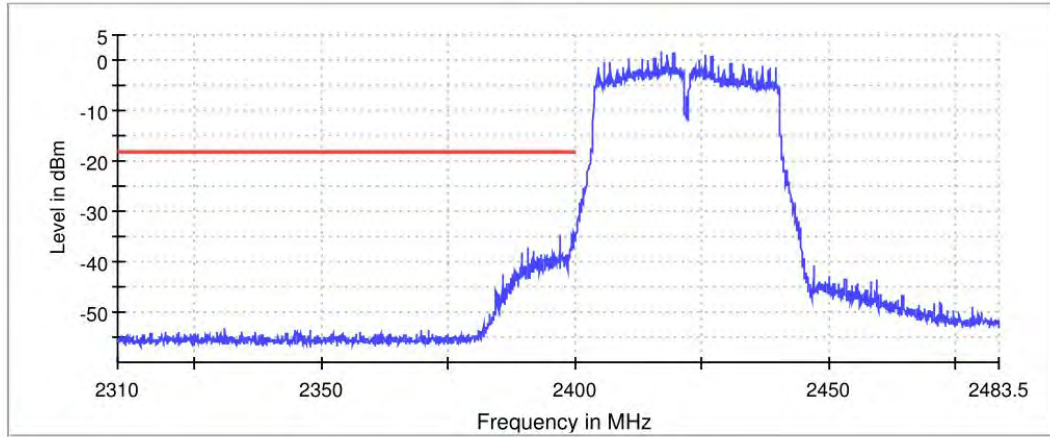
11N20SISO\_Ant0\_High\_2462





11N40SISO\_Ant0\_Low\_2412

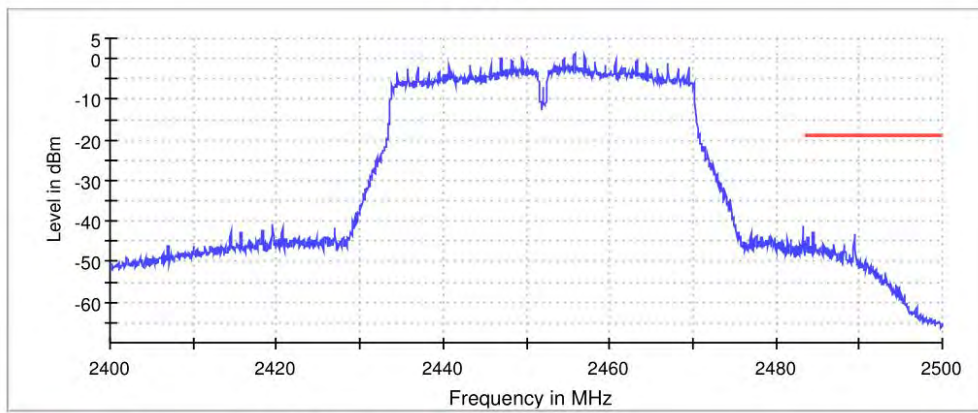
Band Edge



— Limit    — Sum Level    × Fail

11N40SISO\_Ant0\_High\_2462

Band Edge



— Limit    — Sum Level    × Fail



## 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

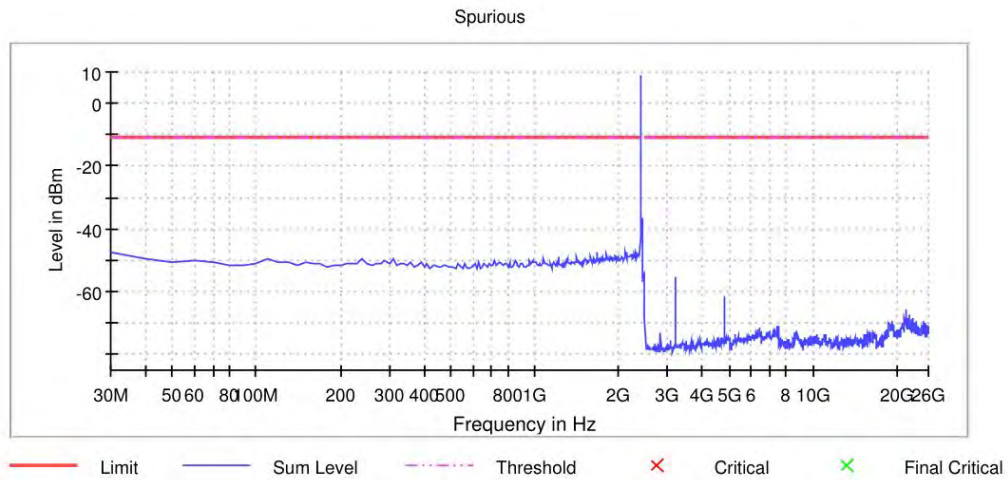


BUREAU  
VERITAS

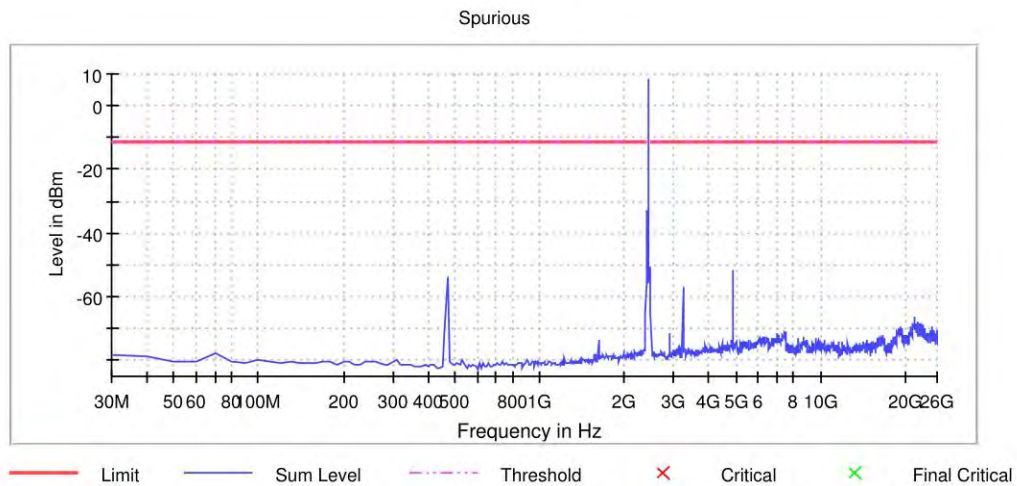
Test Report No.: PSU-NQN2402040109RF06

## TEST GRAPHS

11B\_Ant0\_2412\_30~260000



11B\_Ant0\_2437\_30~260000

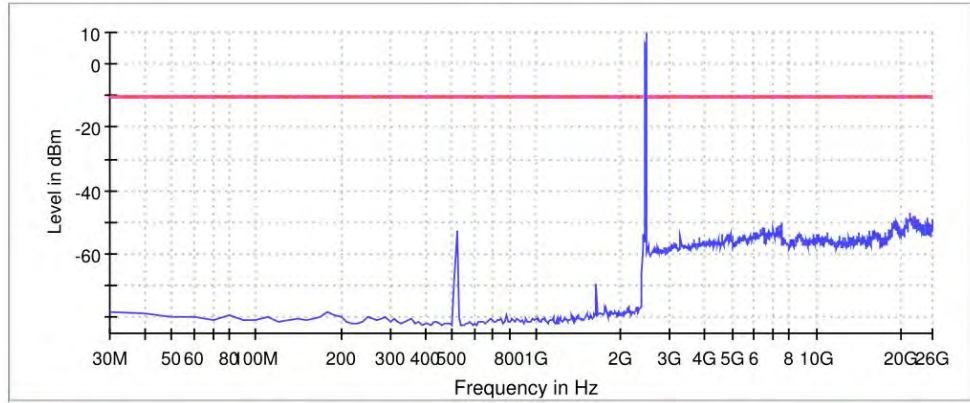






11B\_Ant0\_2462\_30~260000

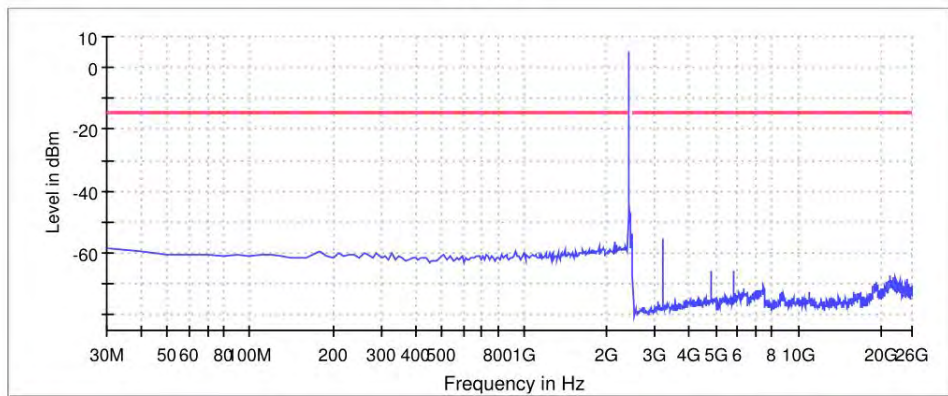
Spurious



Limit Sum Level Threshold Critical Final Critical

11G\_Ant0\_2412\_30~260000

Spurious

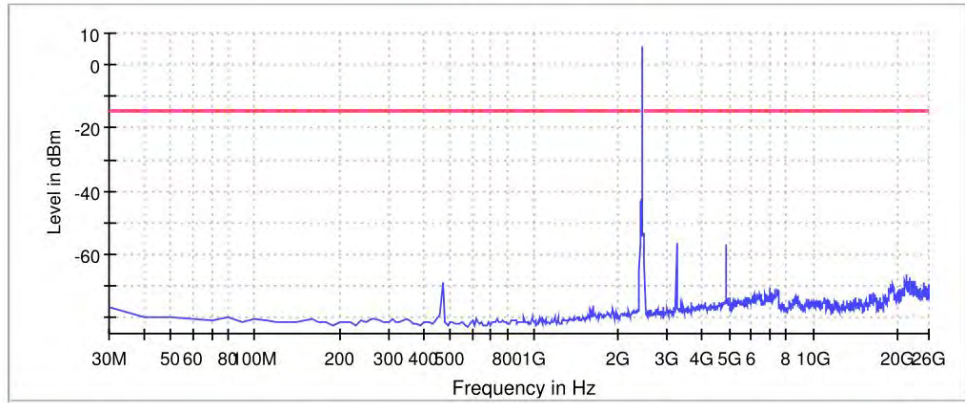


Limit Sum Level Threshold Critical Final Critical



11G\_Ant0\_2437\_30~260000

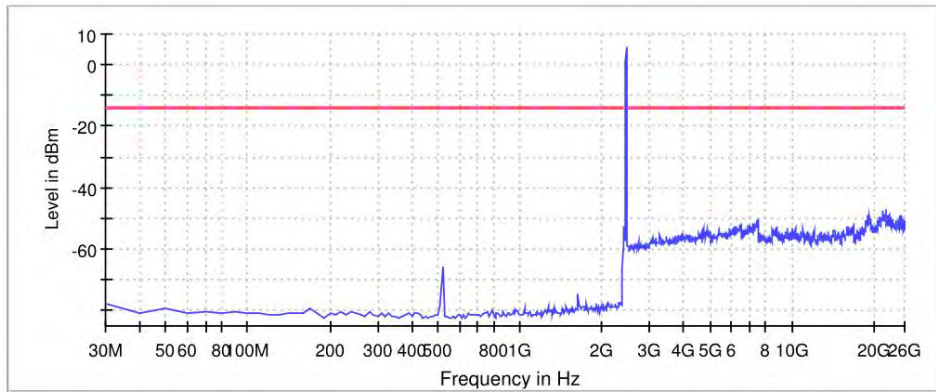
Spurious



— Limit — Sum Level - - - Threshold × Critical × Final Critical

11G\_Ant0\_2462\_30~260000

Spurious



— Limit — Sum Level - - - Threshold × Critical × Final Critical

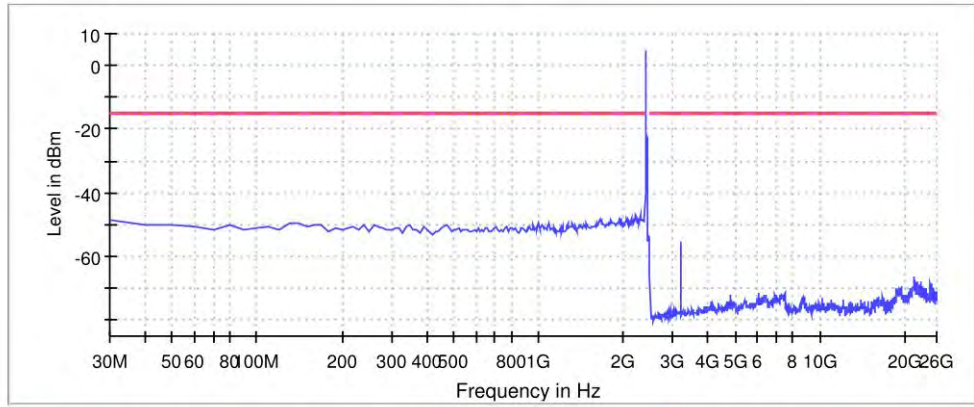


BUREAU  
VERITAS

Test Report No.: PSU-NQN2402040109RF06

11N20\_Ant0\_2412\_30~260000

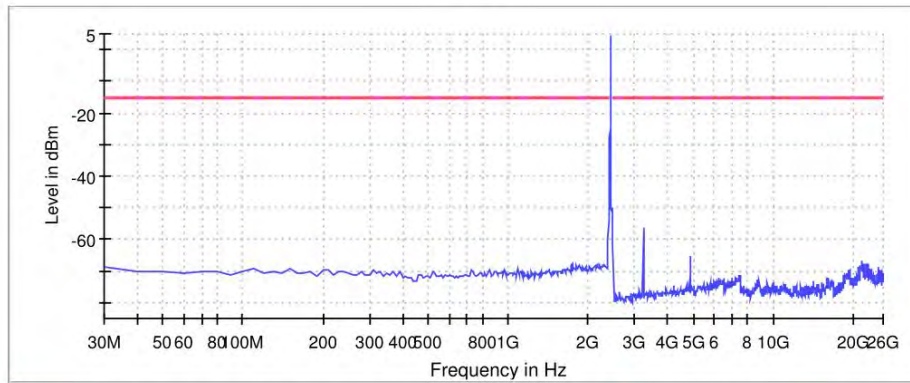
Spurious



— Limit — Sum Level - - - Threshold × Critical × Final Critical

11N20\_Ant0\_2437\_30~260000

Spurious



— Limit — Sum Level - - - Threshold × Critical × Final Critical

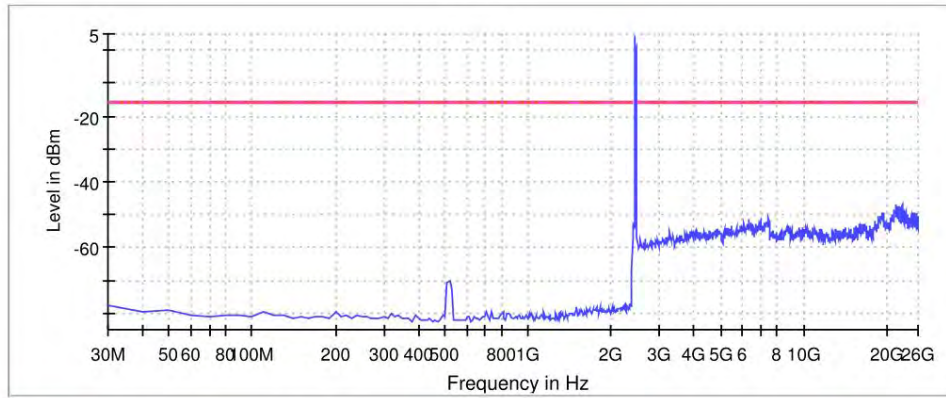


BUREAU  
VERITAS

Test Report No.: PSU-NQN2402040109RF06

11N20\_Ant0\_2462\_30~260000

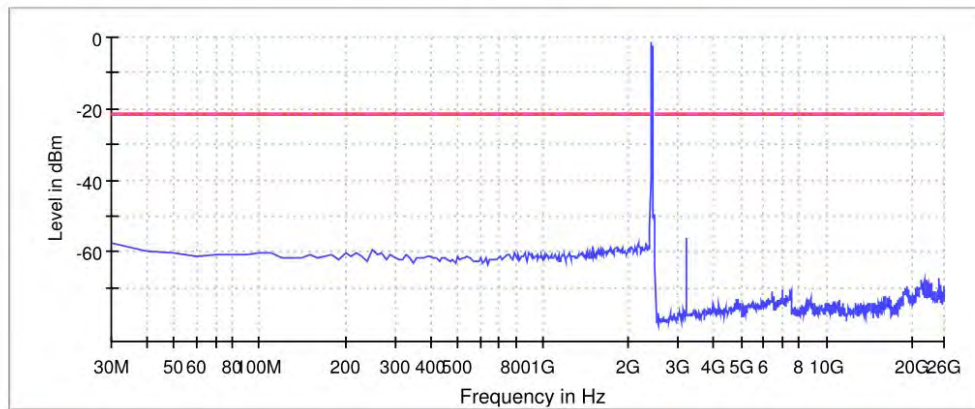
Spurious



— Limit — Sum Level - - - Threshold X Critical X Final Critical

11N40\_Ant0\_2422\_30~260000

Spurious

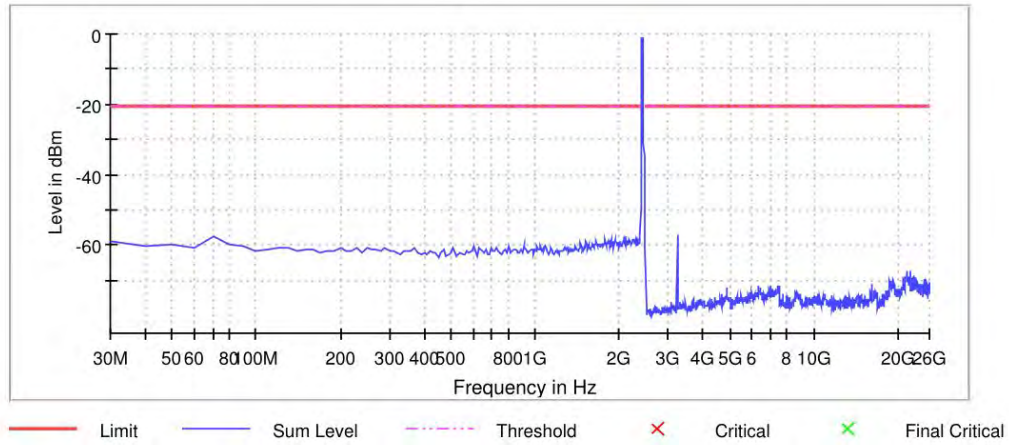


— Limit — Sum Level - - - Threshold X Critical X Final Critical



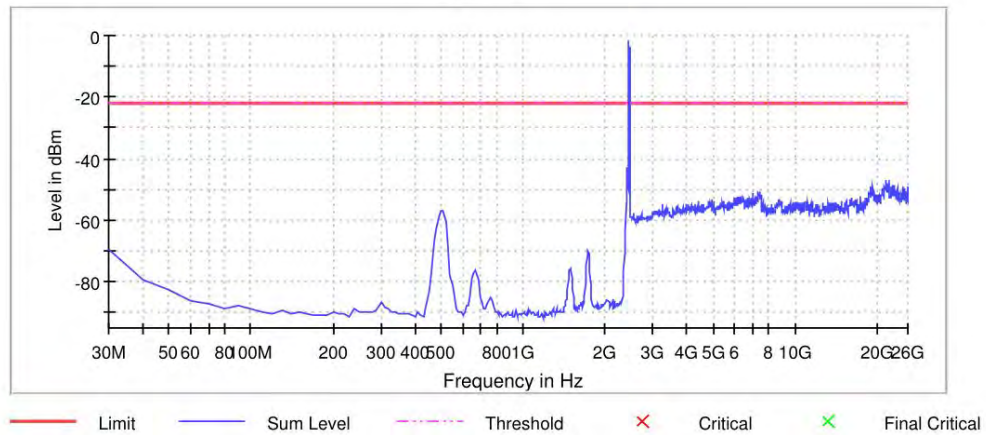
11N40\_Ant0\_2437\_30~260000

Spurious



11N40\_Ant0\_2452\_30~260000

Spurious





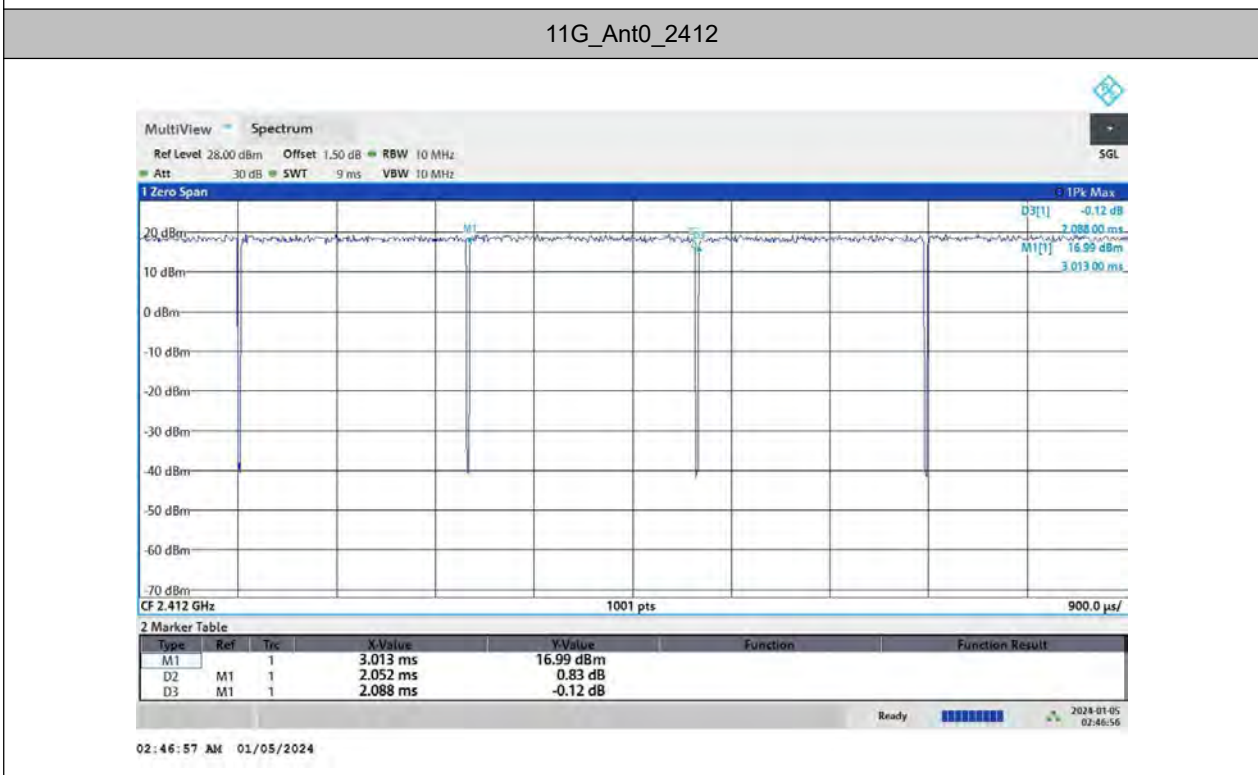
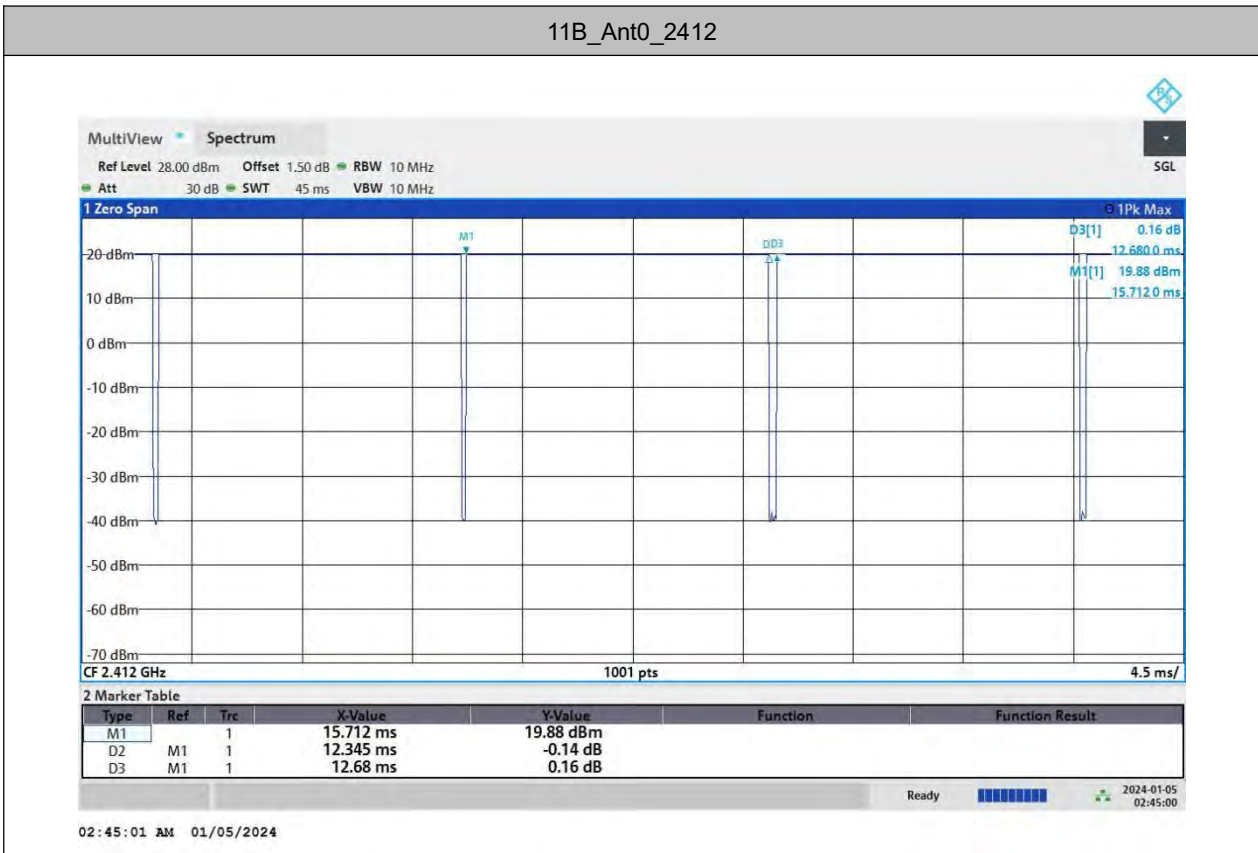
## DUTY CYCLE

### TEST RESULT

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant0	2412	12.345	12.680	97.36
11G	Ant0	2412	2.052	2.088	98.28
11N20	Ant0	2412	1.909	1.945	98.15
11N40	Ant0	2422	0.940	0.992	94.76

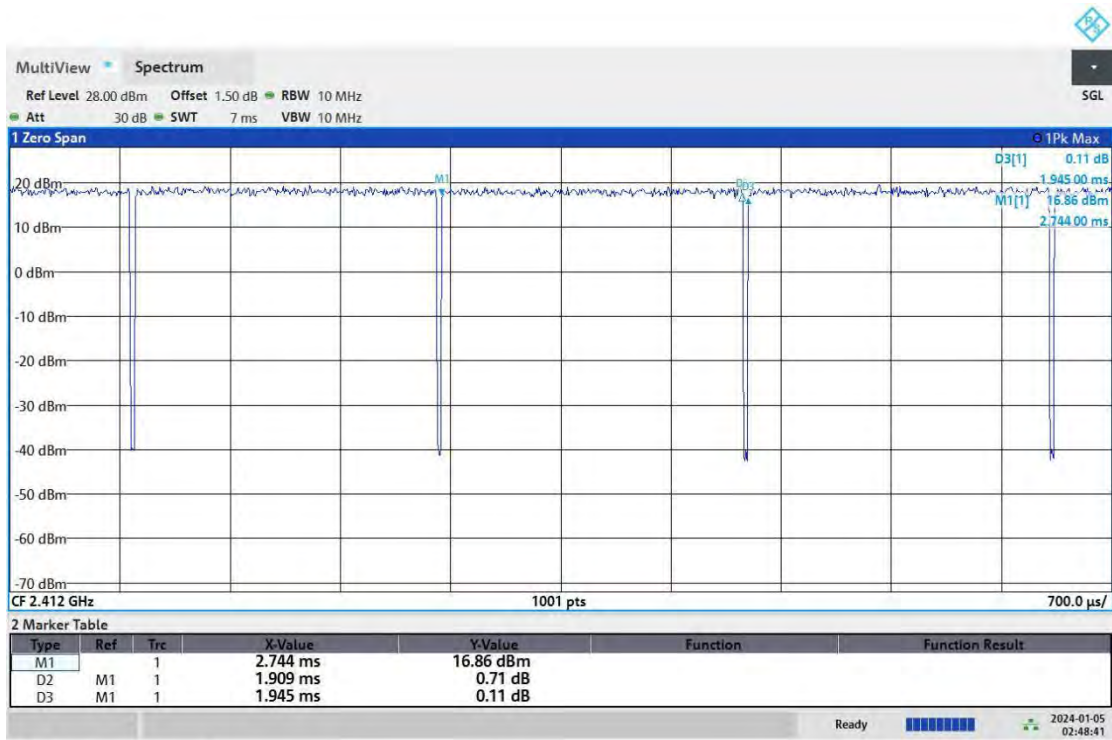


### TEST GRAPHS



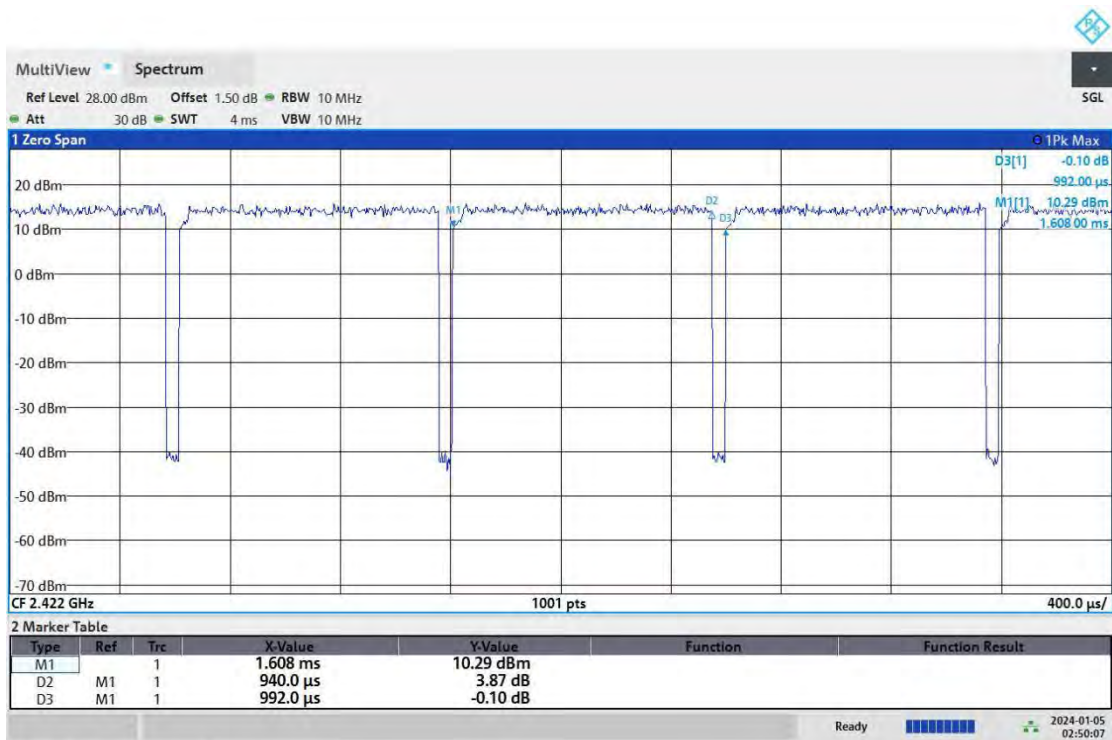


11N20\_Ant0\_2412



02:48:42 AM 01/05/2024

11N40\_Ant0\_2422



02:50:08 AM 01/05/2024





## 7 APPENDIX 2 BLE

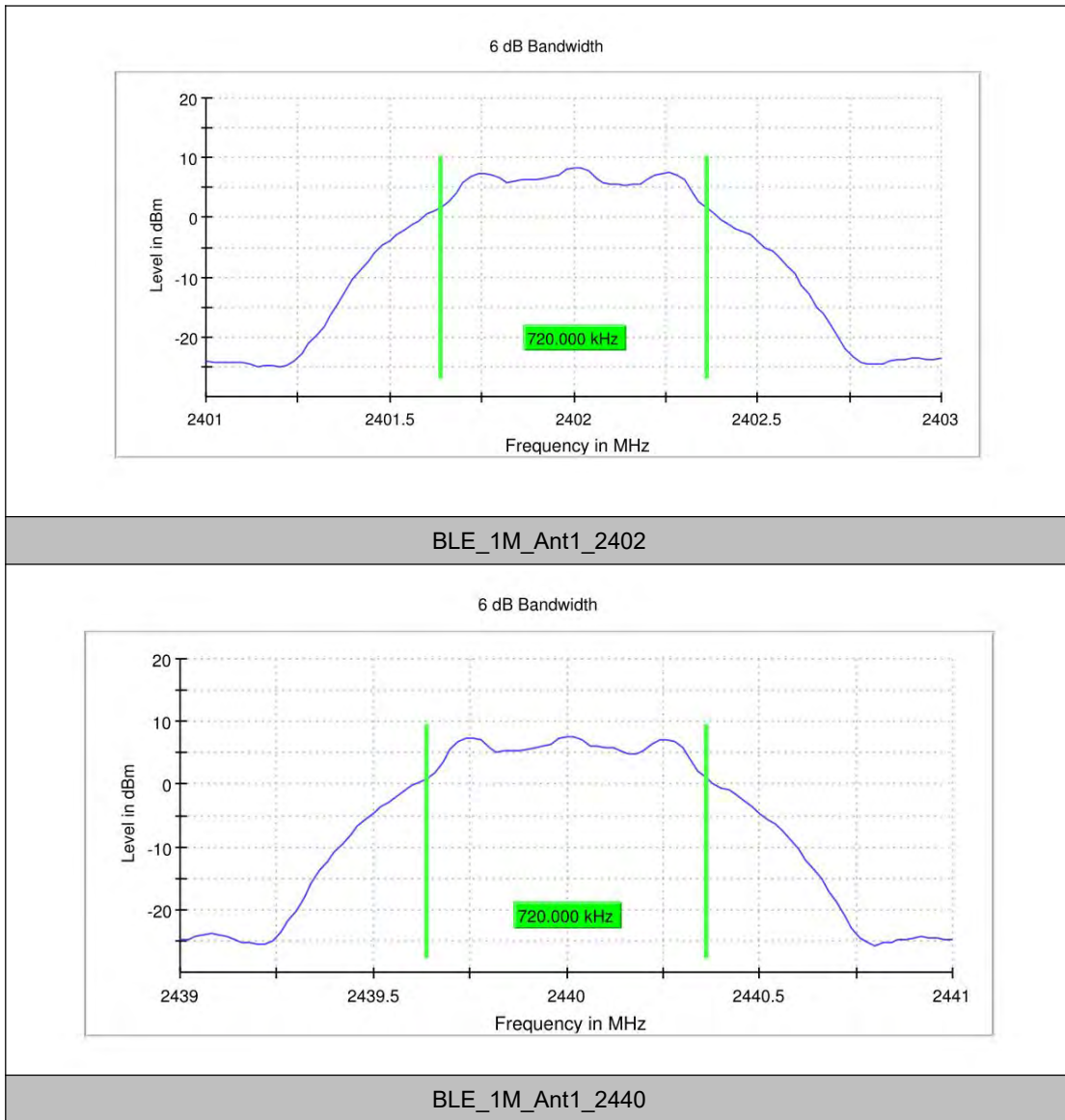
### DTS BANDWIDTH

#### TEST RESULT

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.720	2401.640	2402.360	0.5	PASS
		2440	0.720	2439.640	2440.360	0.5	PASS
		2480	0.720	2479.640	2480.360	0.5	PASS



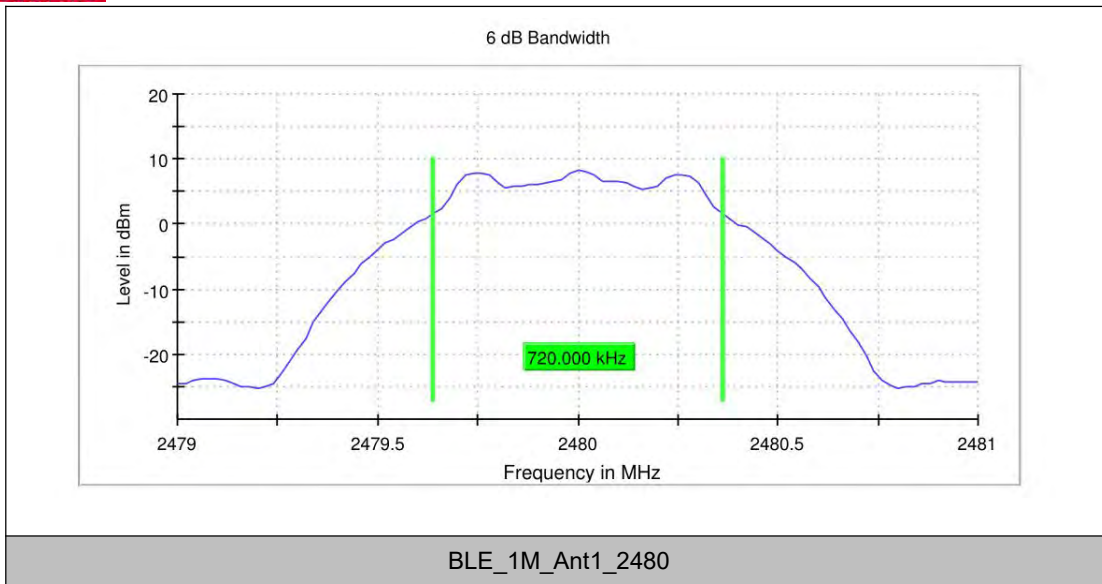
### TEST GRAPHS





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**Test Report No.: PSU-NQN2402040109RF06**





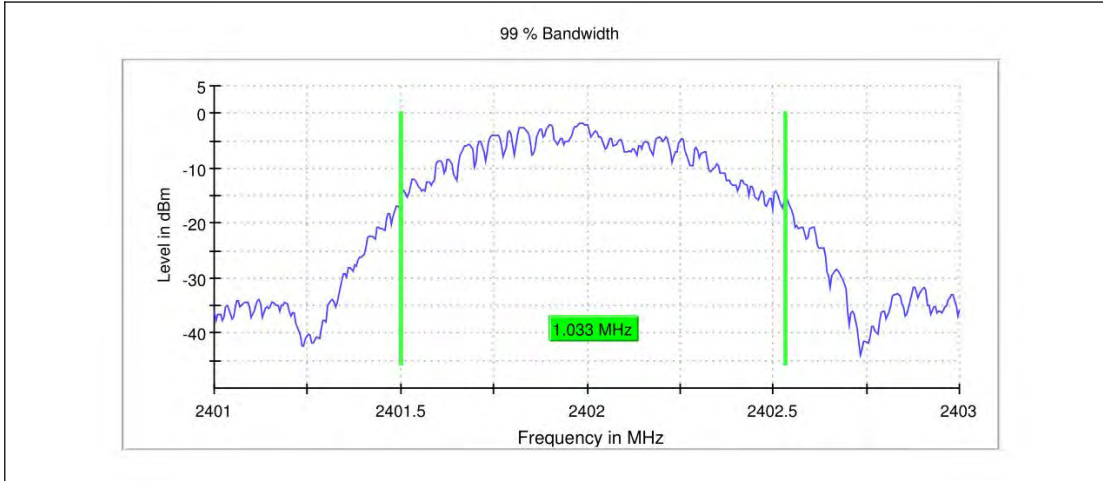
## OCCUPIED CHANNEL BANDWIDTH

### TEST RESULT

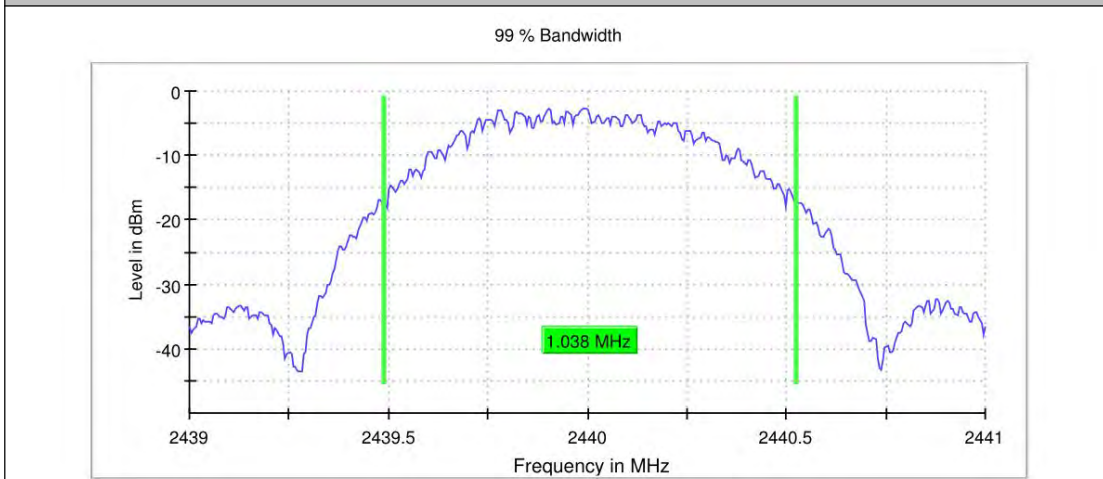
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.033	2401.501	2402.534	---	PASS
		2440	1.038	2439.486	2440.524	---	PASS
		2480	1.038	2479.486	2480.524	---	PASS



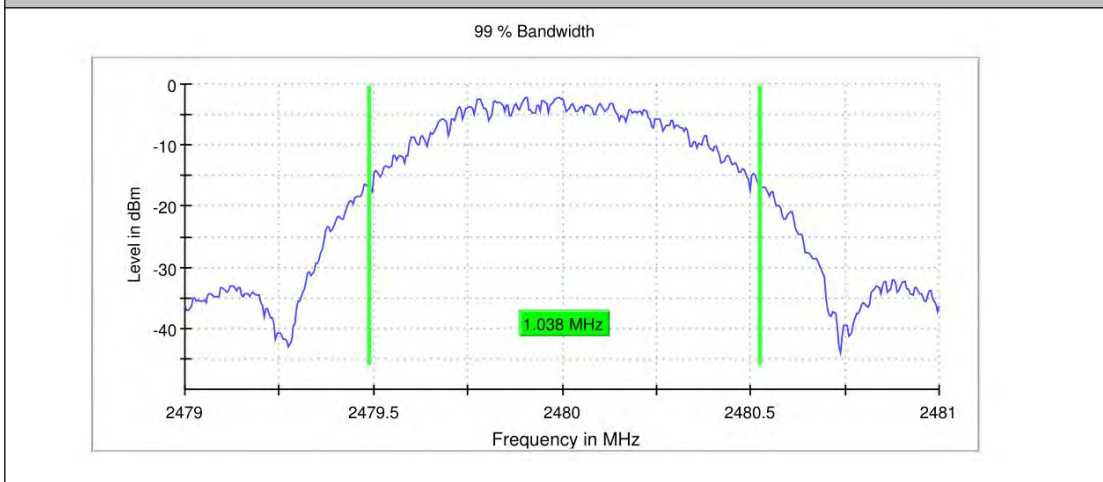
### TEST GRAPHS



BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



BLE\_1M\_Ant1\_2480



## 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	8.50	7.08	≤30	PASS	Default
		2440	8.32	6.79	≤30	PASS	Default
		2480	8.67	7.36	≤30	PASS	Default

### TEST RESULT AVERAGE

TestMode	Antenna	Channel	Average Power	Conducted Limit[dBm]	Verdict	Power setting
1M	Ant1	2402	7.17	/	PASS	Default
		2440	6.98	/	PASS	Default
		2480	7.34	/	PASS	Default



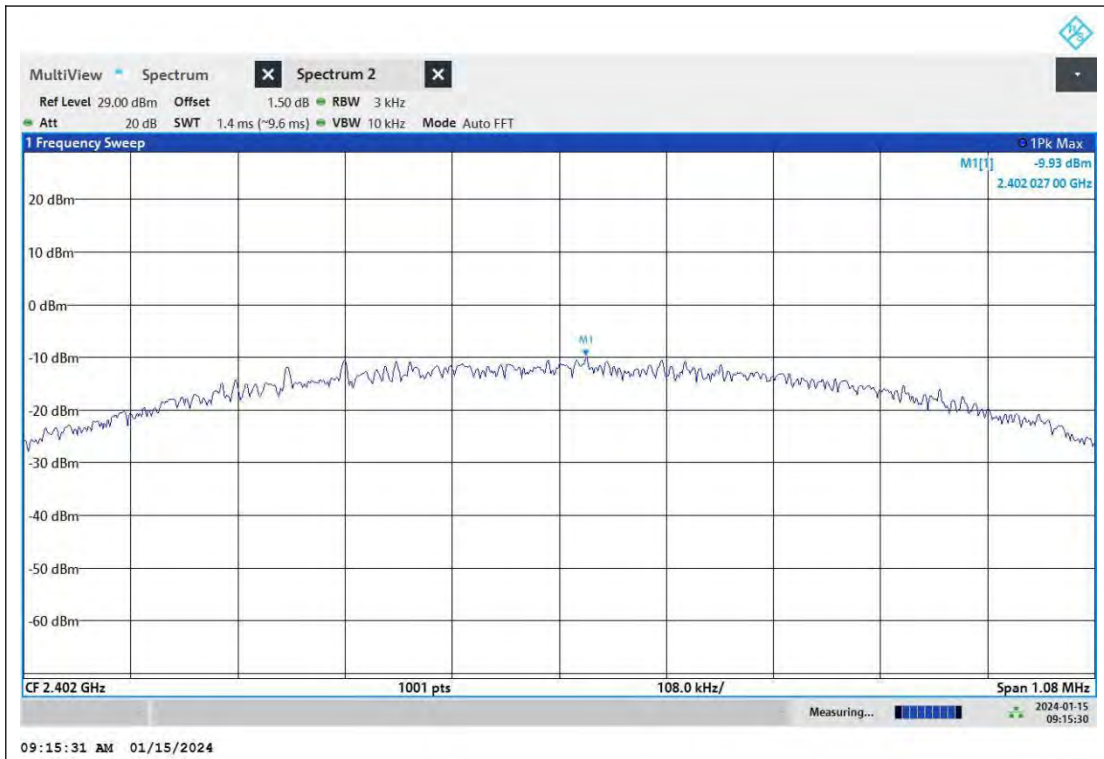
## MAXIMUM POWER SPECTRAL DENSITY

### TEST RESULT

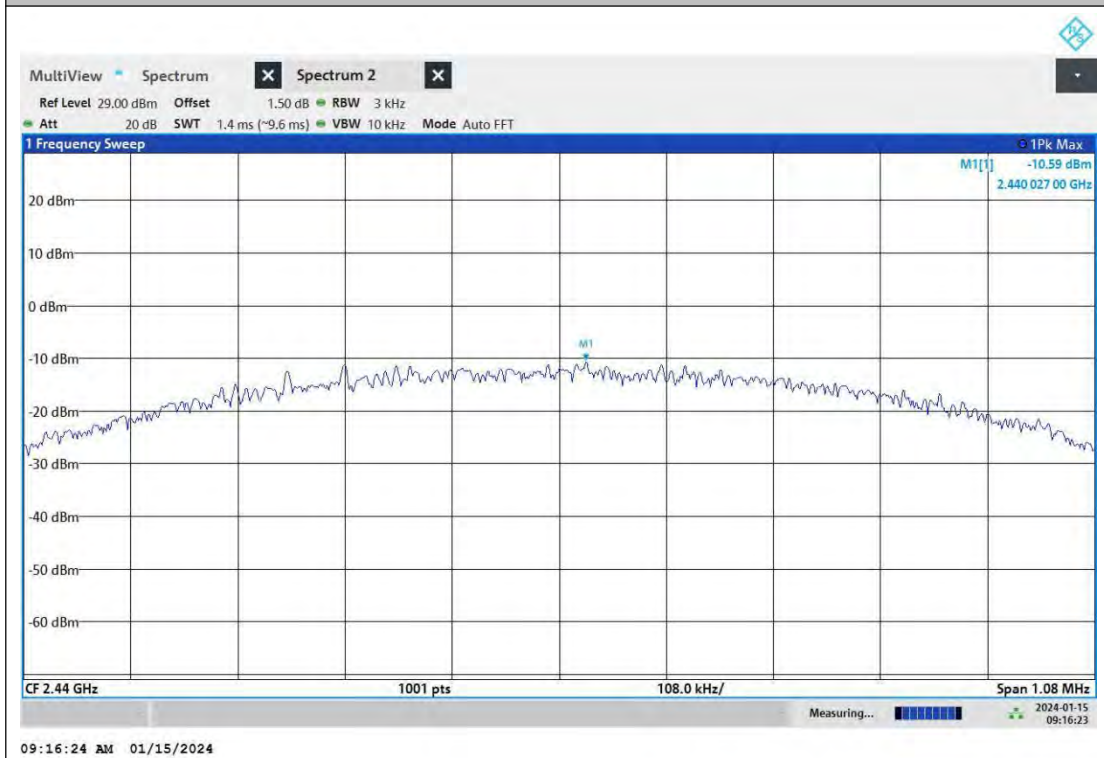
TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.93	≤8	PASS
		2440	-10.59	≤8	PASS
		2480	-10.29	≤8	PASS



### TEST GRAPHS

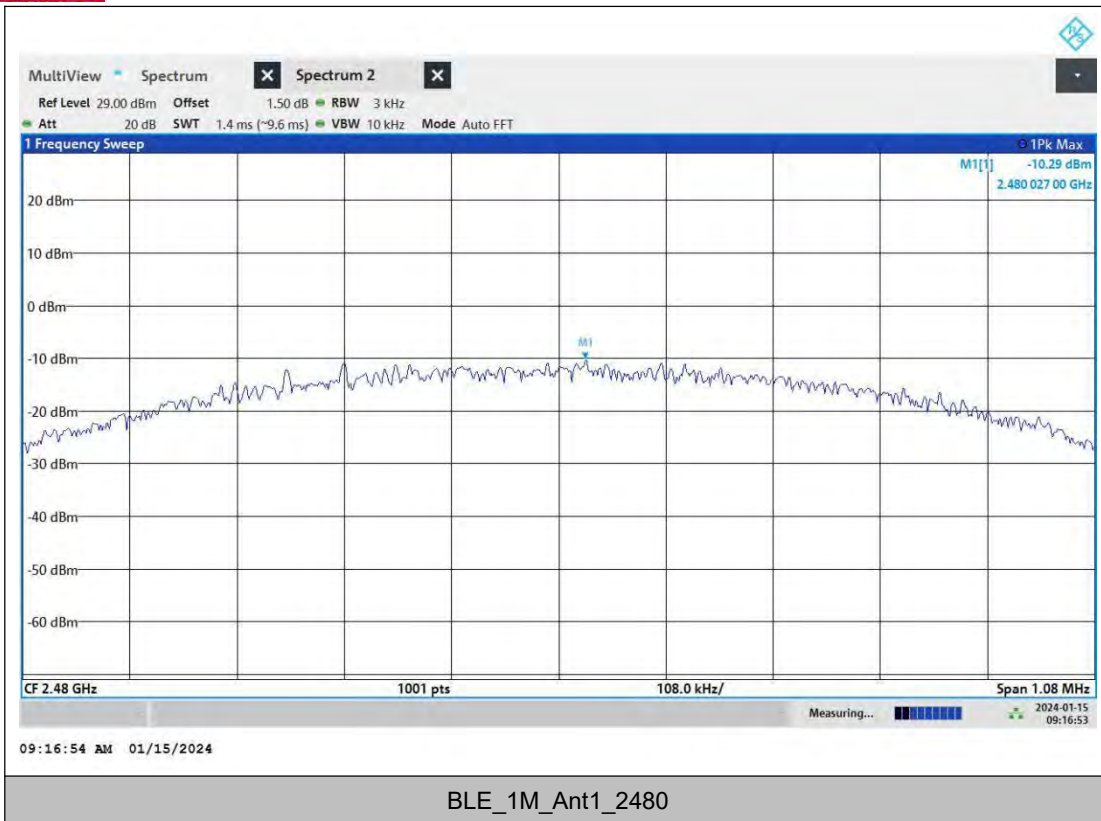


BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440







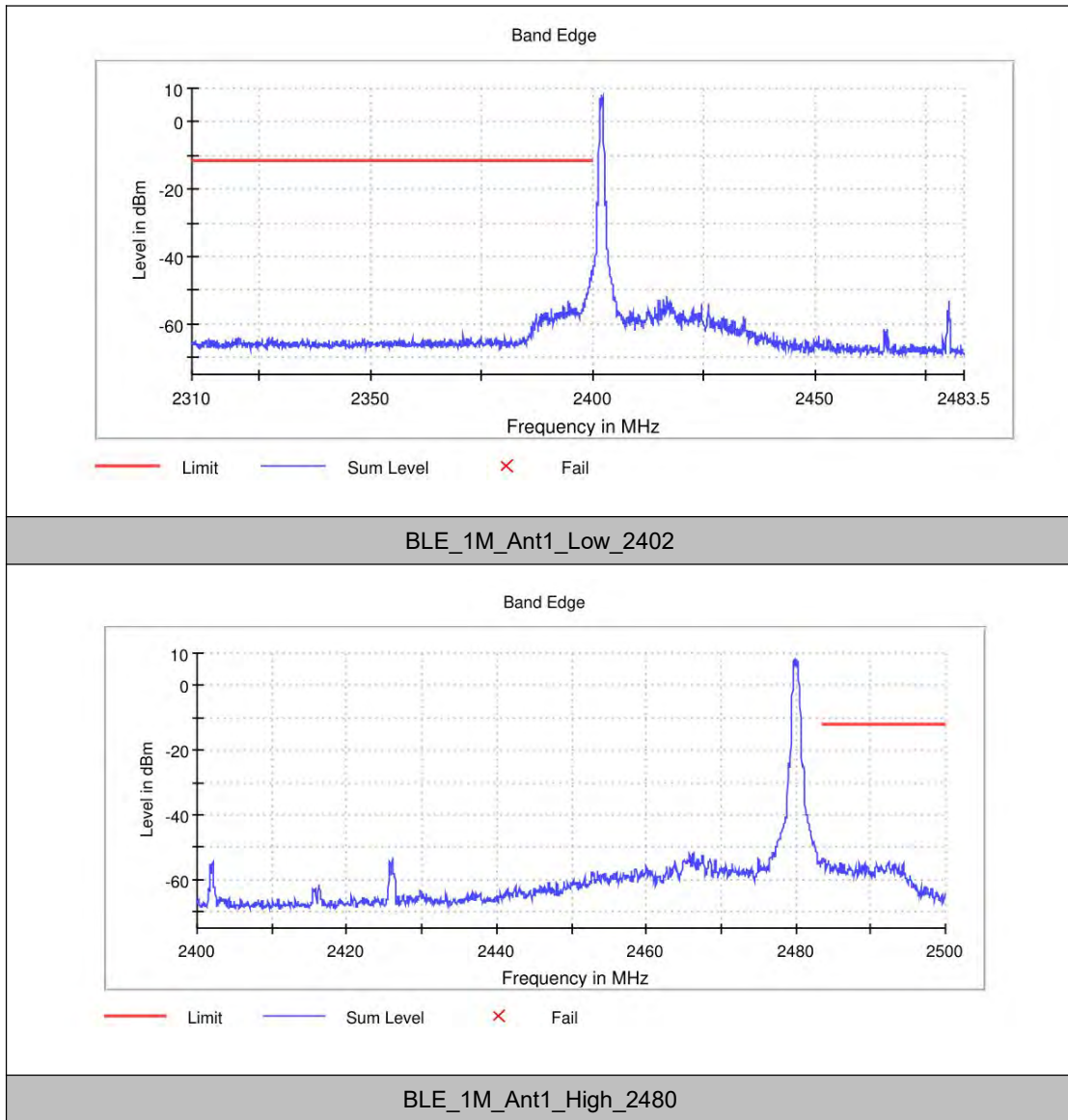
## BAND EDGE MEASUREMENTS

### 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



### TEST GRAPHS



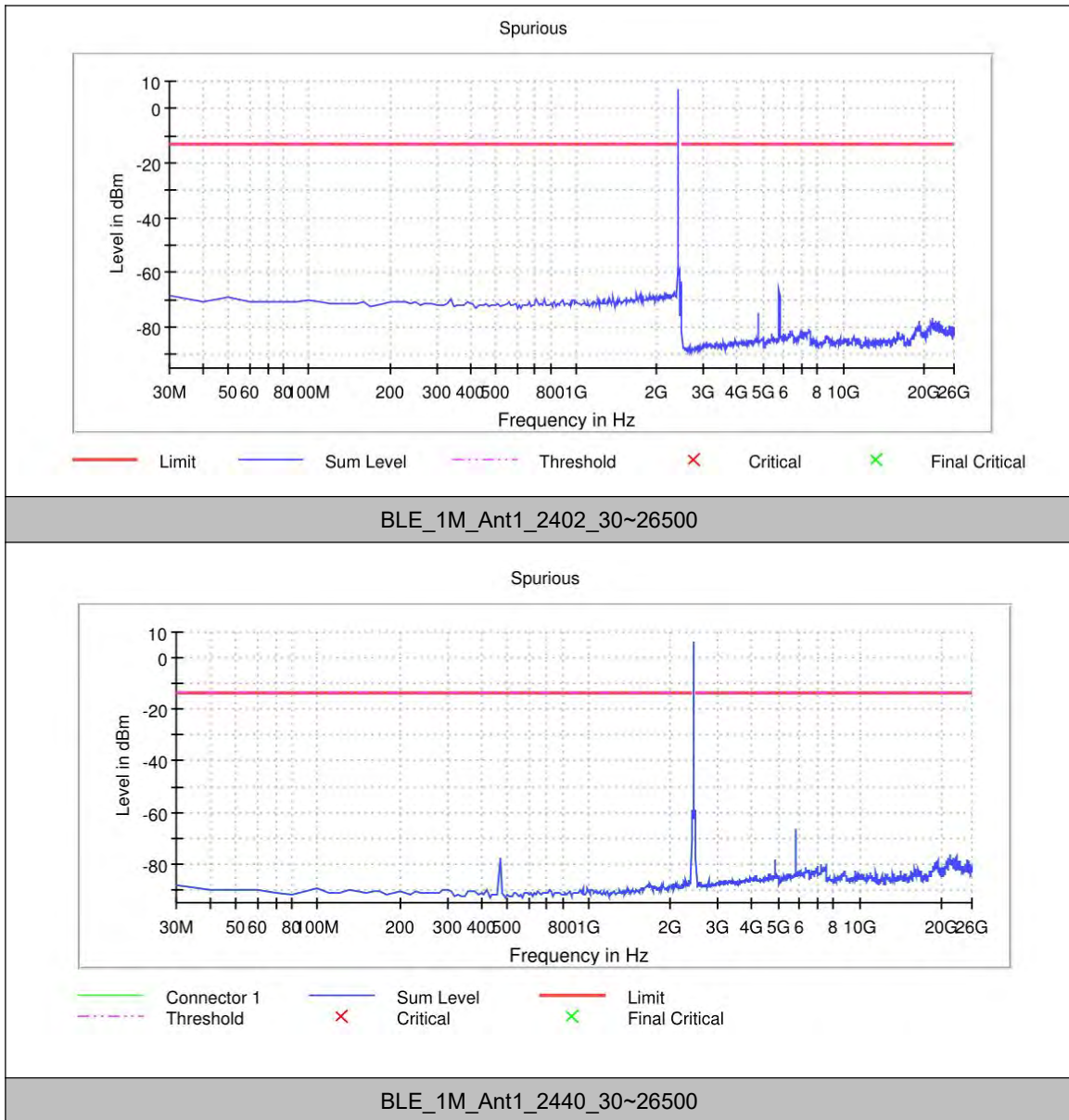


## CONDUCTED SPURIOUS EMISSION TEST RESULT

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



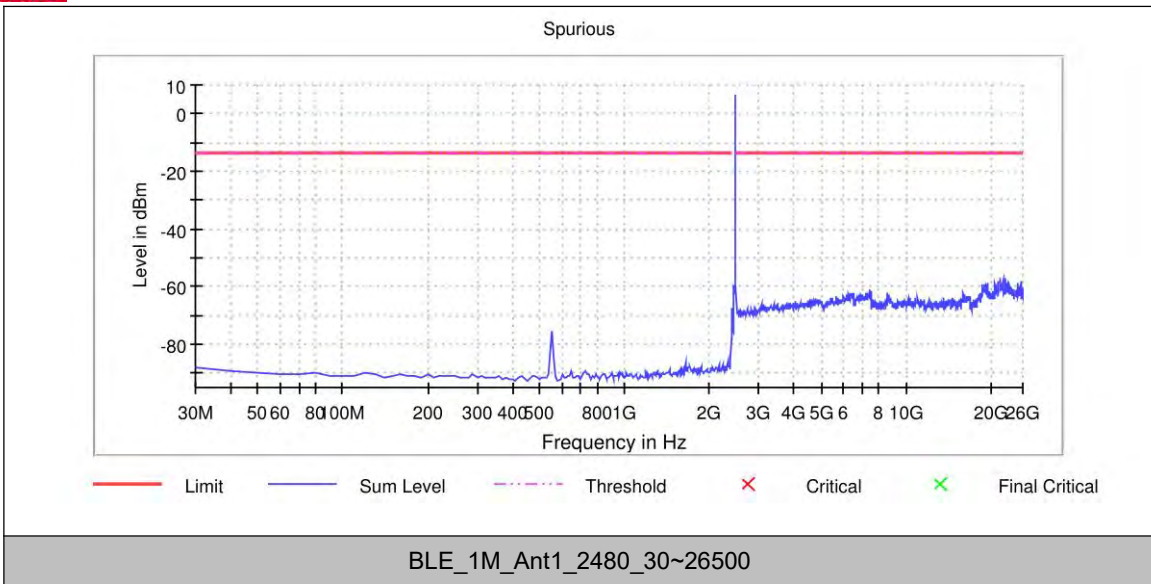
### TEST GRAPHS





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Test Report No.: PSU-NQN2402040109RF06





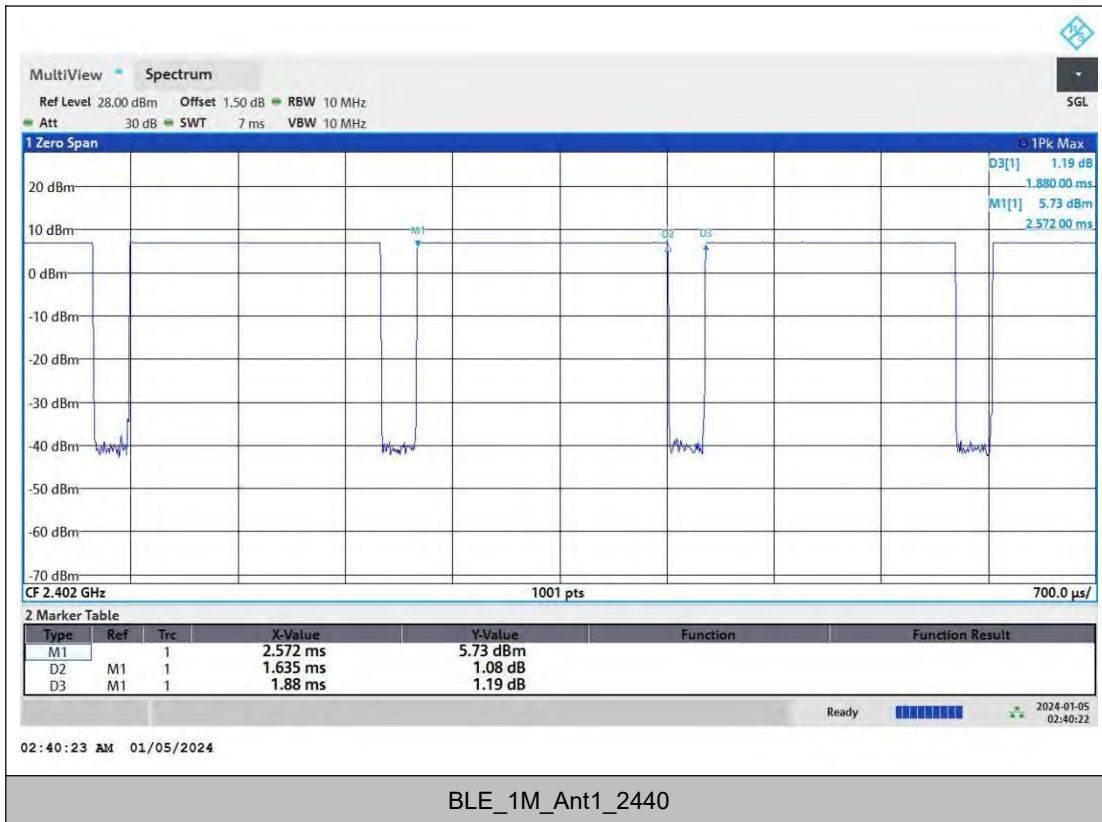
## DUTY CYCLE

### TEST RESULT

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	1.635	1.880	0.8697	86.97	0.61	---	PASS



### TEST GRAPHS



--END--