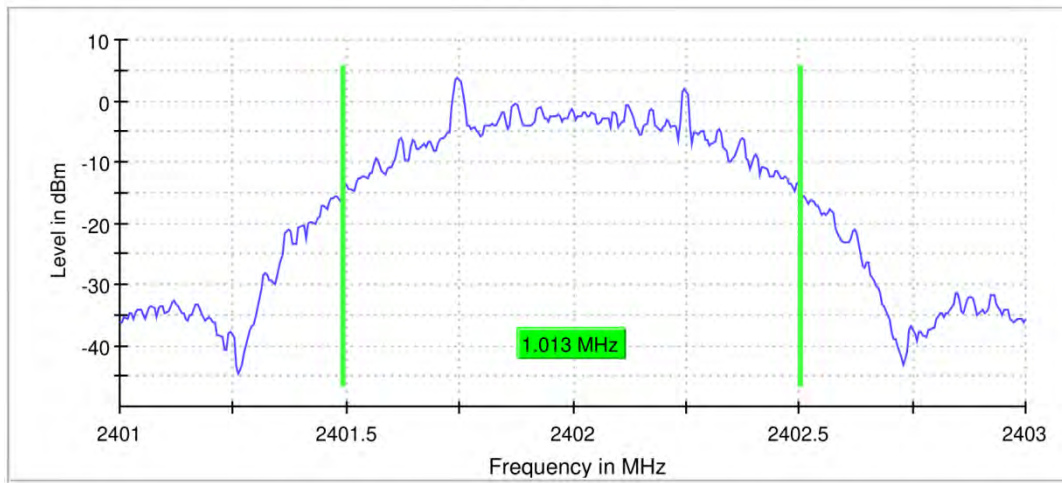


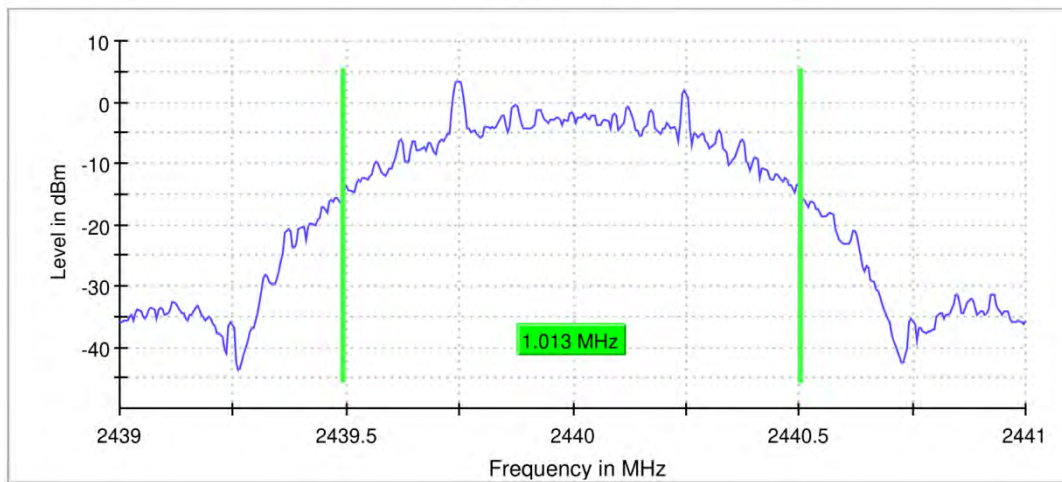


99 % Bandwidth



BLE_S2_ANT0_2402

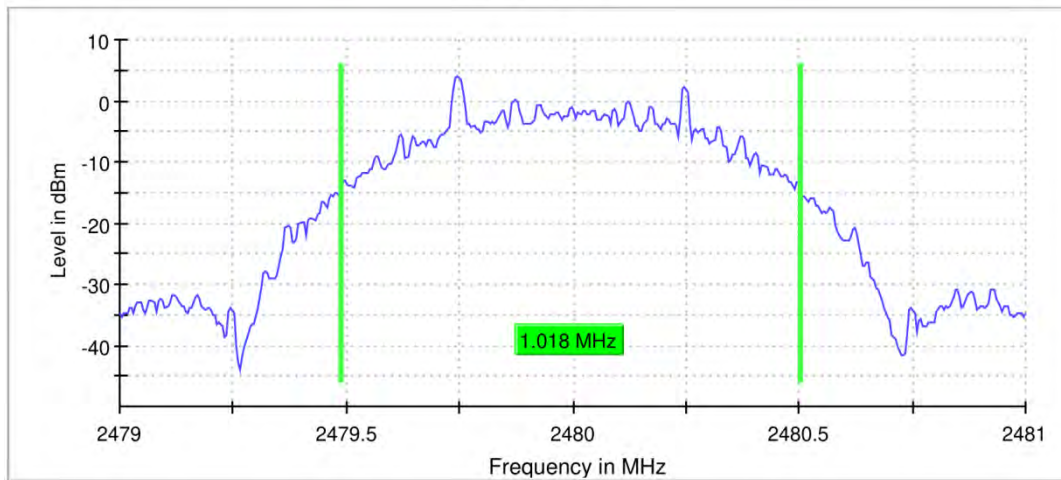
99 % Bandwidth



BLE_S2_ANT0_2440

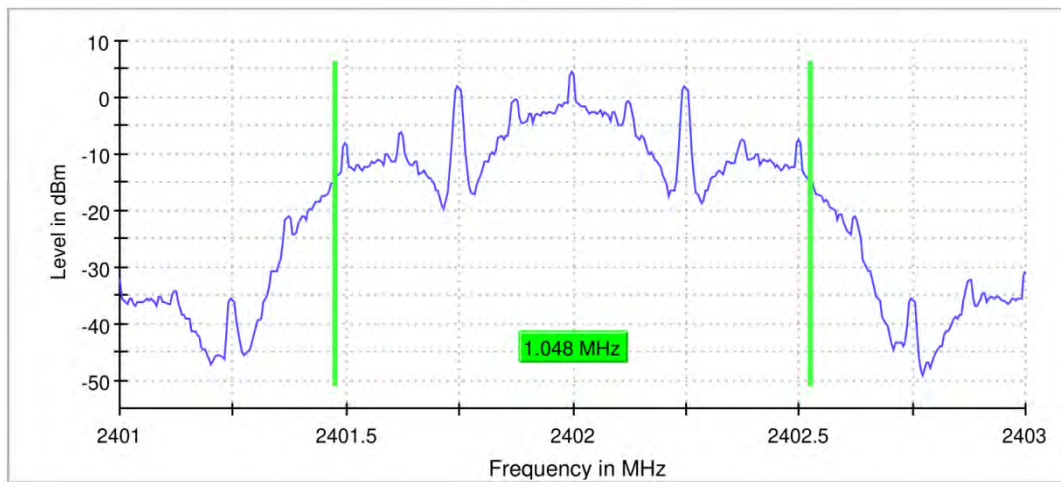


99 % Bandwidth



BLE_S2_ANT0_2480

99 % Bandwidth



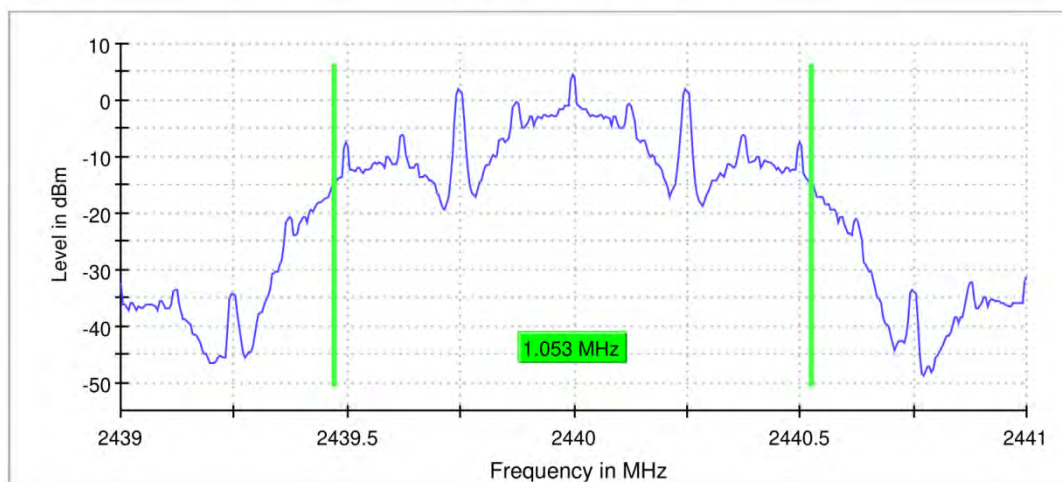
BLE_S8_ANT0_2402



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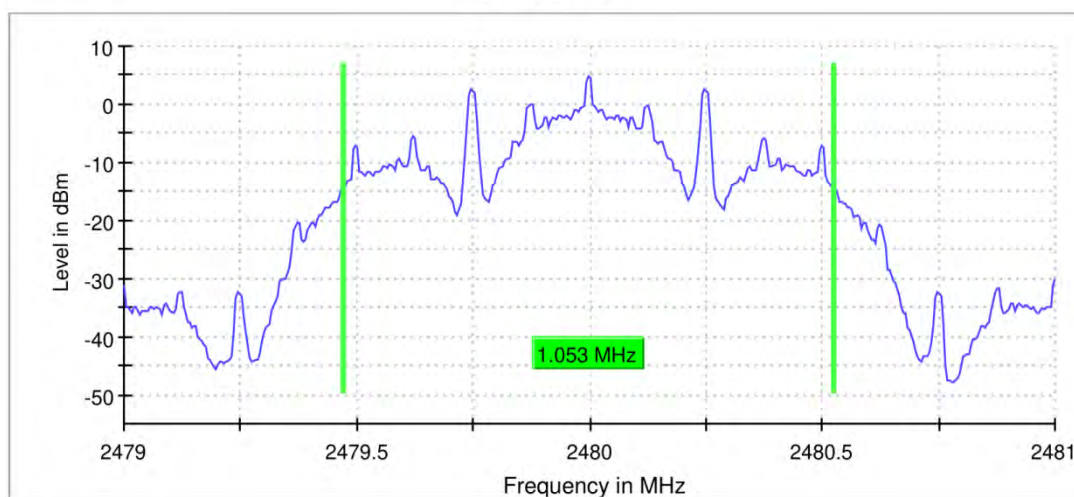
Test Report No.: PSU-NQN2406210109RF08

99 % Bandwidth



BLE_S8_ANT0_2440

99 % Bandwidth



BLE_S8_ANT0_2480

1M

RBW 10.000 kHz

VBW 30.000 kHz

2M

RBW 20.000 kHz

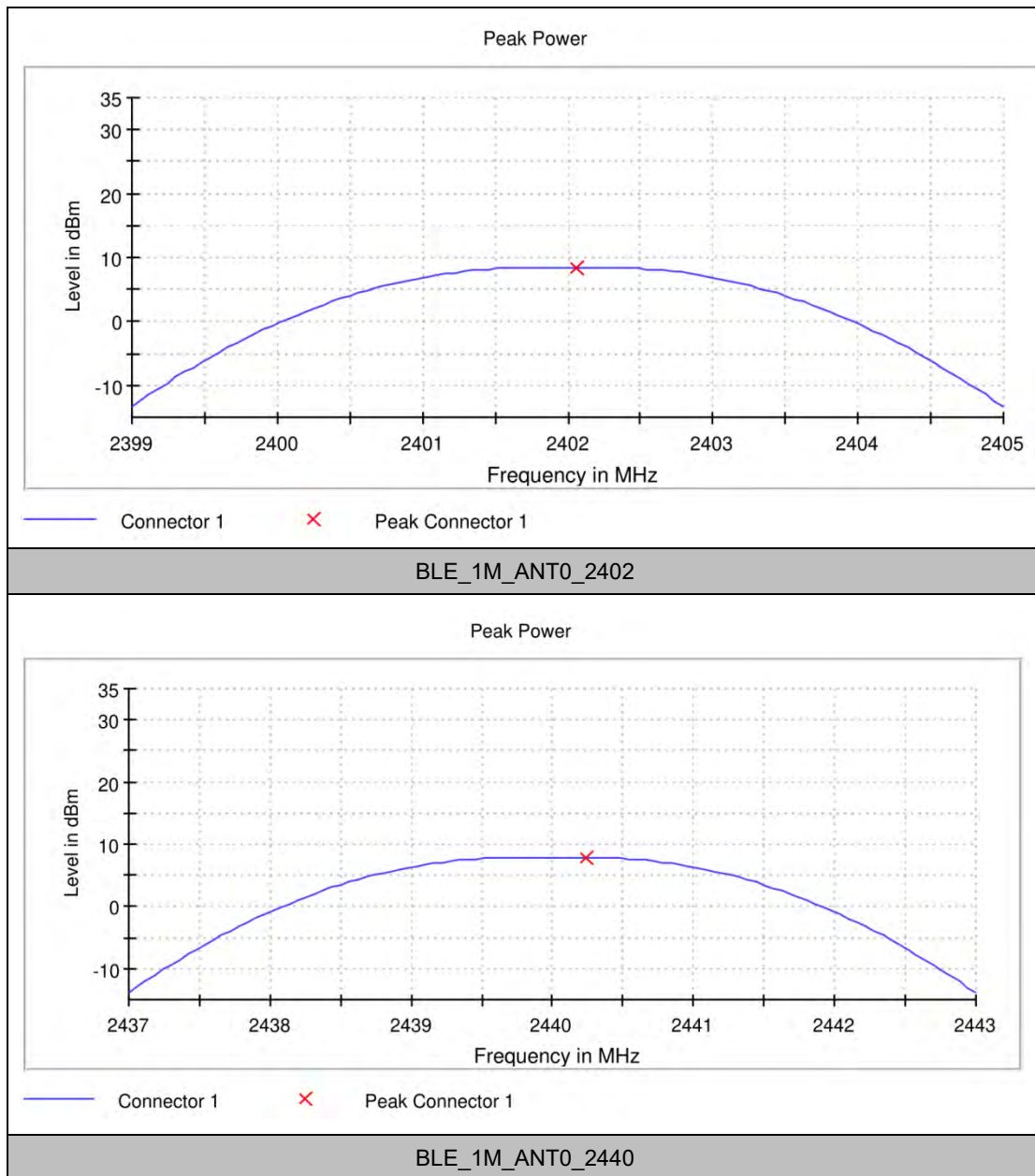
VBW 100.000 kHz

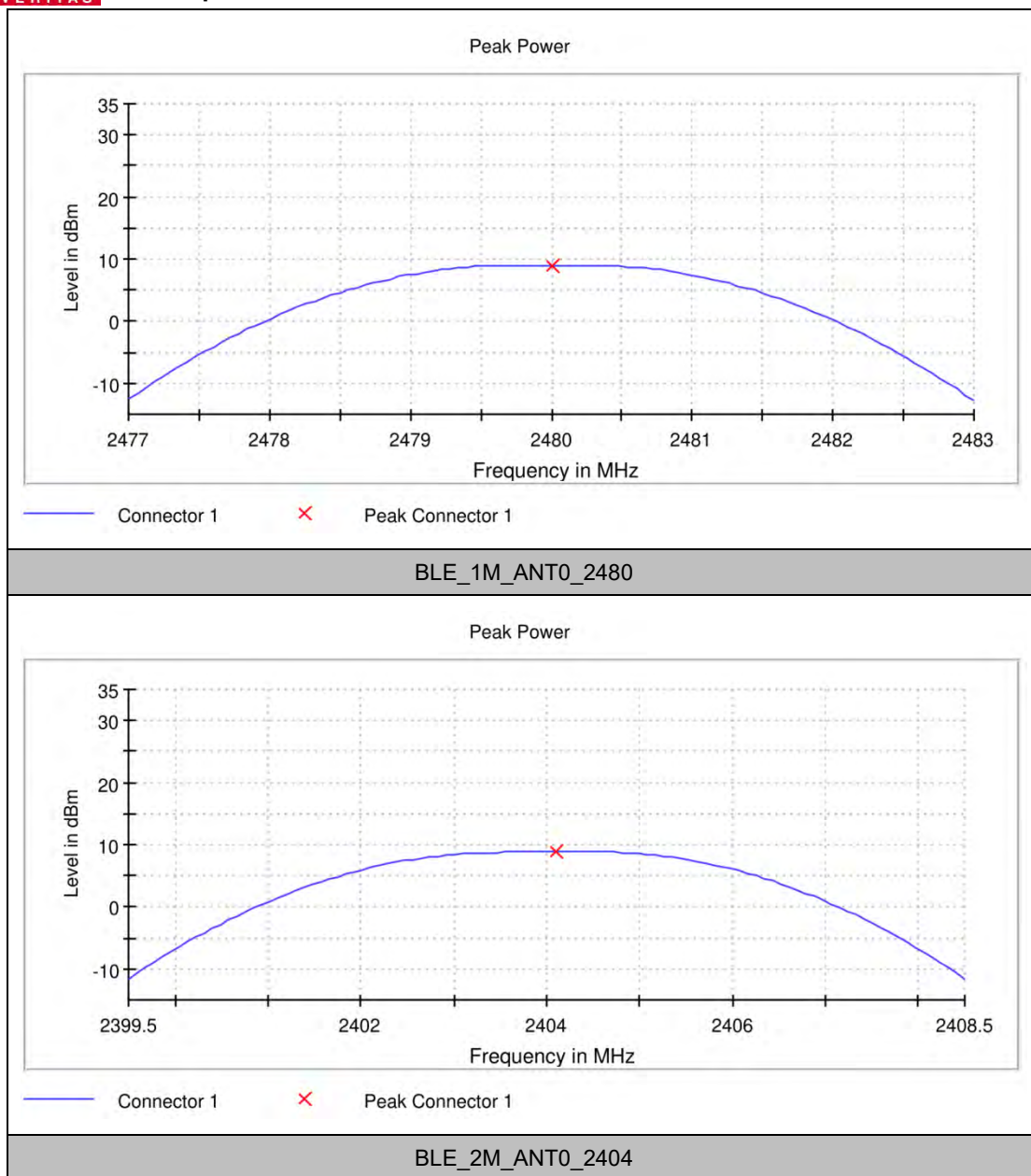
**MAXIMUM CONDUCTED OUTPUT POWER****TEST RESULT**

TestMode	Antenna	Channel	Average power [dBm]	Peak power [dBm]	Peak power [mw]	Limit [dBm]	Verdict	Power Setting
BLE_1M	ANT0	2402	7.98	8.47	7.03	≤30	PASS	Default
		2440	7.52	7.87	6.13	≤30	PASS	Default
		2480	8.48	9.03	7.99	≤30	PASS	Default
BLE_2M	ANT0	2402	8.29	8.94	7.83	≤30	PASS	Default
		2440	7.56	8.18	6.57	≤30	PASS	Default
		2480	8.60	9.33	8.56	≤30	PASS	Default
BLE_125k	ANT0	2402	8.13	8.63	7.29	≤30	PASS	Default
		2440	7.65	8.10	6.45	≤30	PASS	Default
		2480	8.63	9.20	8.32	≤30	PASS	Default
BLE_500K	ANT0	2402	8.15	8.66	7.34	≤30	PASS	Default
		2440	7.67	8.11	6.48	≤30	PASS	Default
		2480	8.64	9.20	8.31	≤30	PASS	Default



TEST GRAPHS



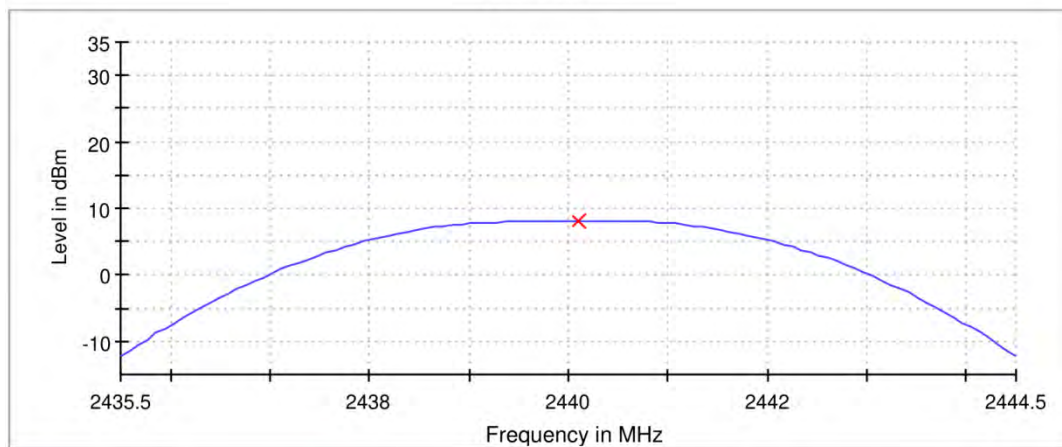




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Test Report No.: PSU-NQN2406210109RF08

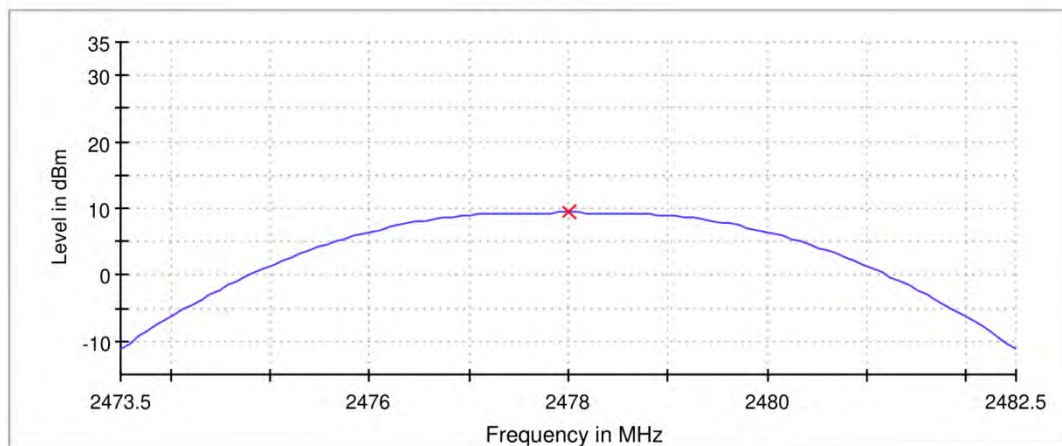
Peak Power



Connector 1 X Peak Connector 1

BLE_2M_ANT0_2440

Peak Power



Connector 1 X Peak Connector 1

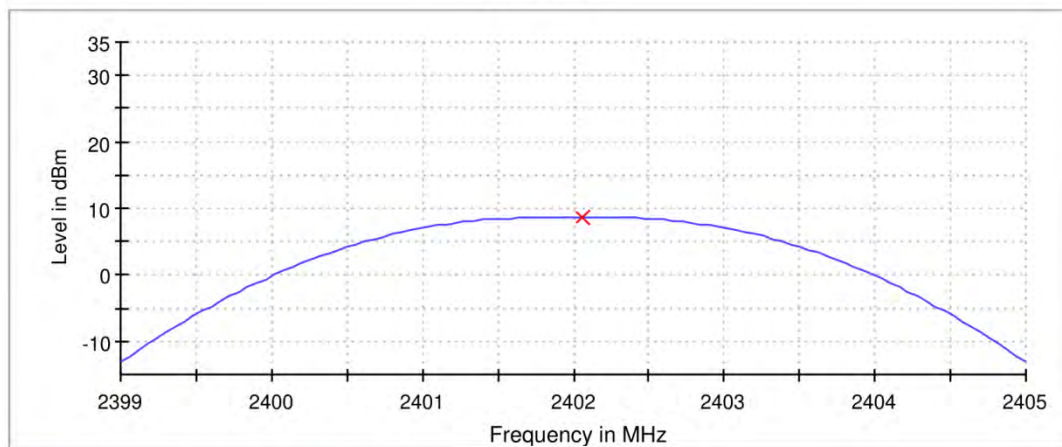
BLE_2M_ANT0_2478



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VERITAS

Test Report No.: PSU-NQN2406210109RF08

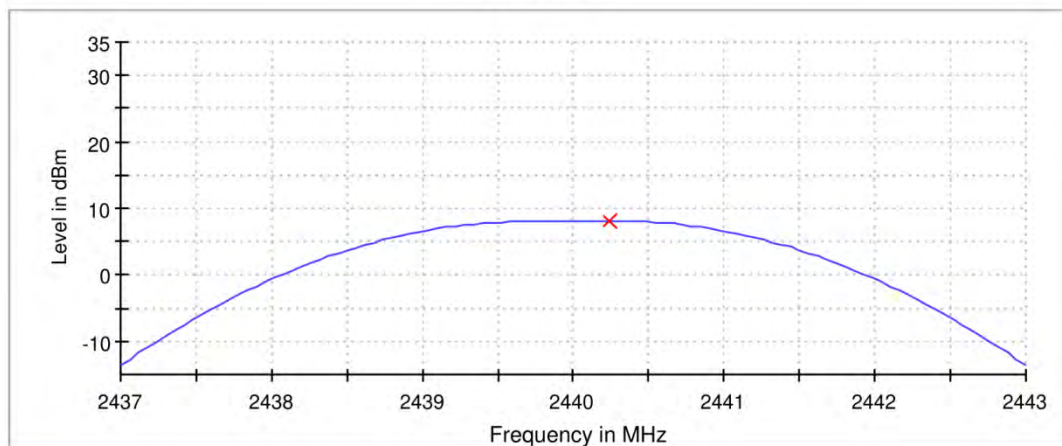
Peak Power



Connector 1 X Peak Connector 1

BLE_S2_ANT0_2402

Peak Power

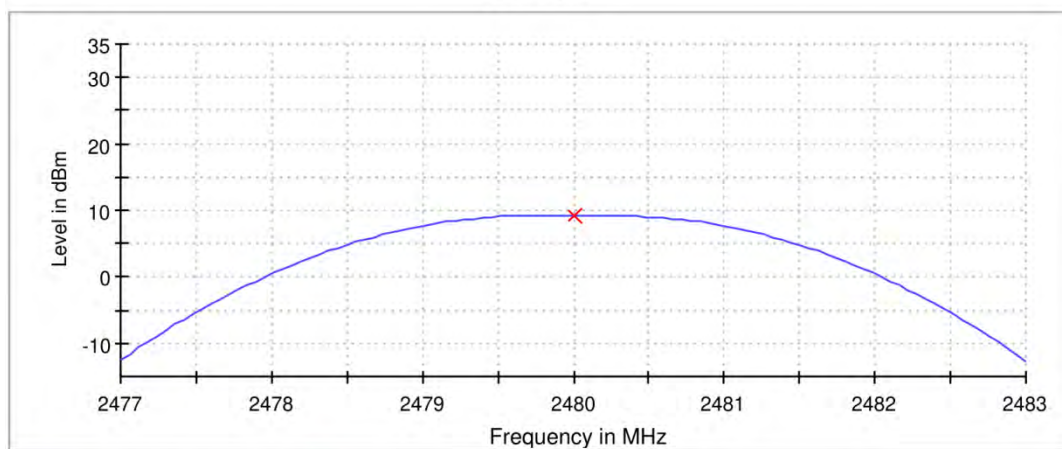


Connector 1 X Peak Connector 1

BLE_S2_ANT0_2440



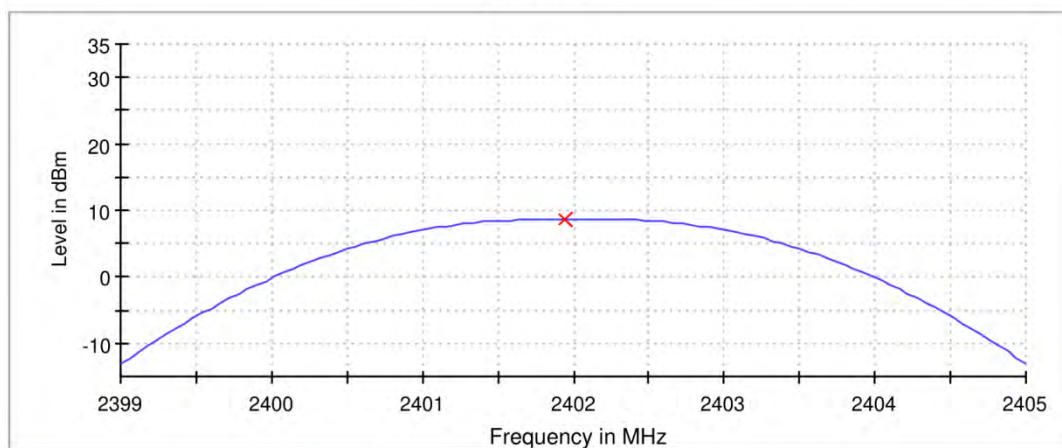
Peak Power



Connector 1 X Peak Connector 1

BLE_S2_ANT0_2480

Peak Power

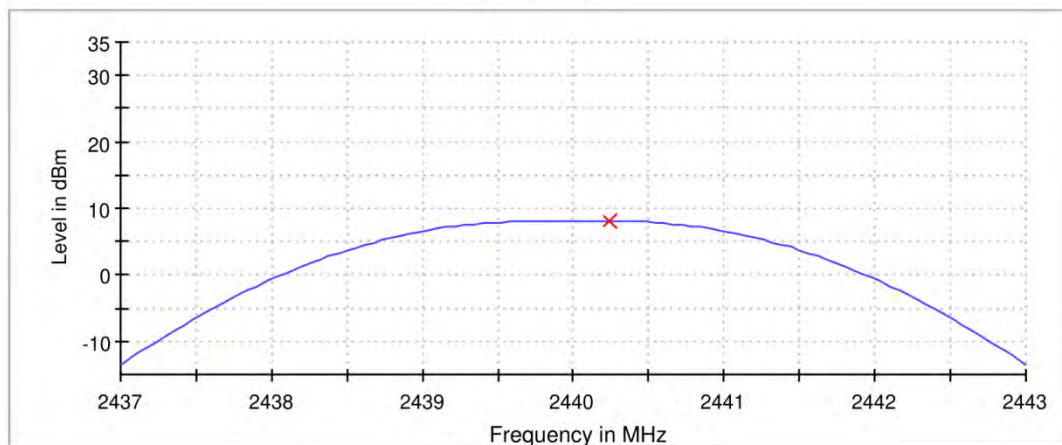


Connector 1 X Peak Connector 1

BLE_S8_ANT0_2402



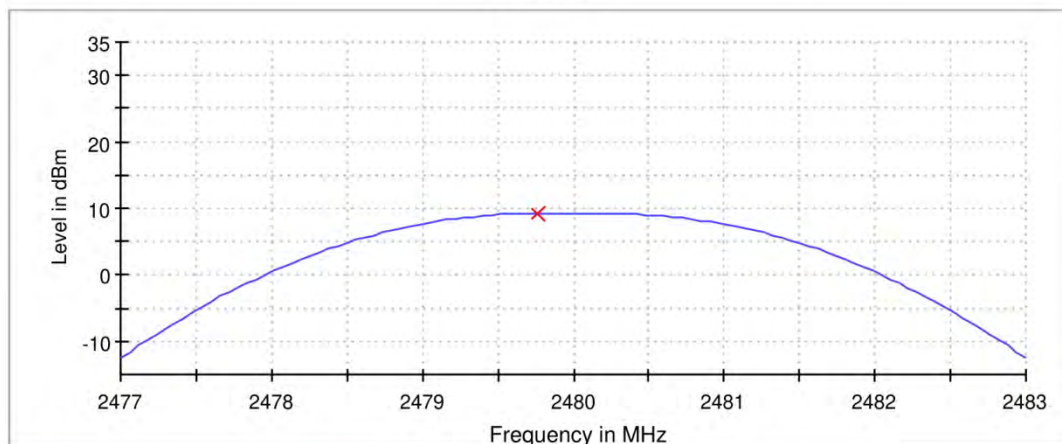
Peak Power



Connector 1 X Peak Connector 1

BLE_S8_ANT0_2440

Peak Power



Connector 1 X Peak Connector 1

BLE_S8_ANT0_2480

1M

RBW 2.000 MHz

VBW 10.000 MHz

2M

RBW 3.000 MHz

VBW 10.000 MHz



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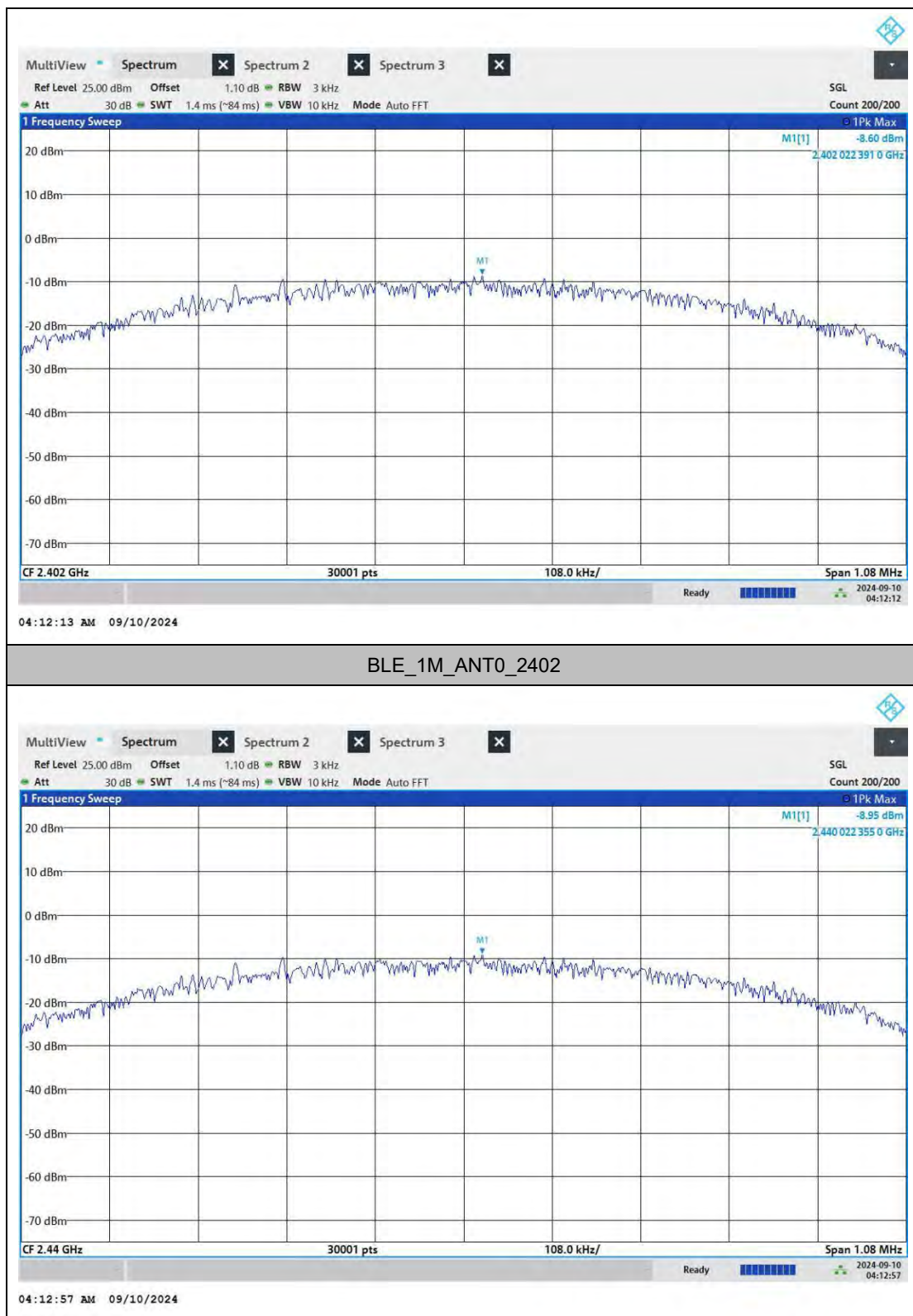
MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	ANT0	2402	-8.60	≤8	PASS
		2440	-8.95	≤8	PASS
		2480	-8.18	≤8	PASS
BLE_2M	ANT0	2404	-10.61	≤8	PASS
		2440	-11.29	≤8	PASS
		2478	-10.31	≤8	PASS
BLE_S2	ANT0	2402	-1.11	≤8	PASS
		2440	-1.23	≤8	PASS
		2480	-1.07	≤8	PASS
BLE_S8	ANT0	2402	1.45	≤8	PASS
		2440	1.14	≤8	PASS
		2480	1.99	≤8	PASS



TEST GRAPHS

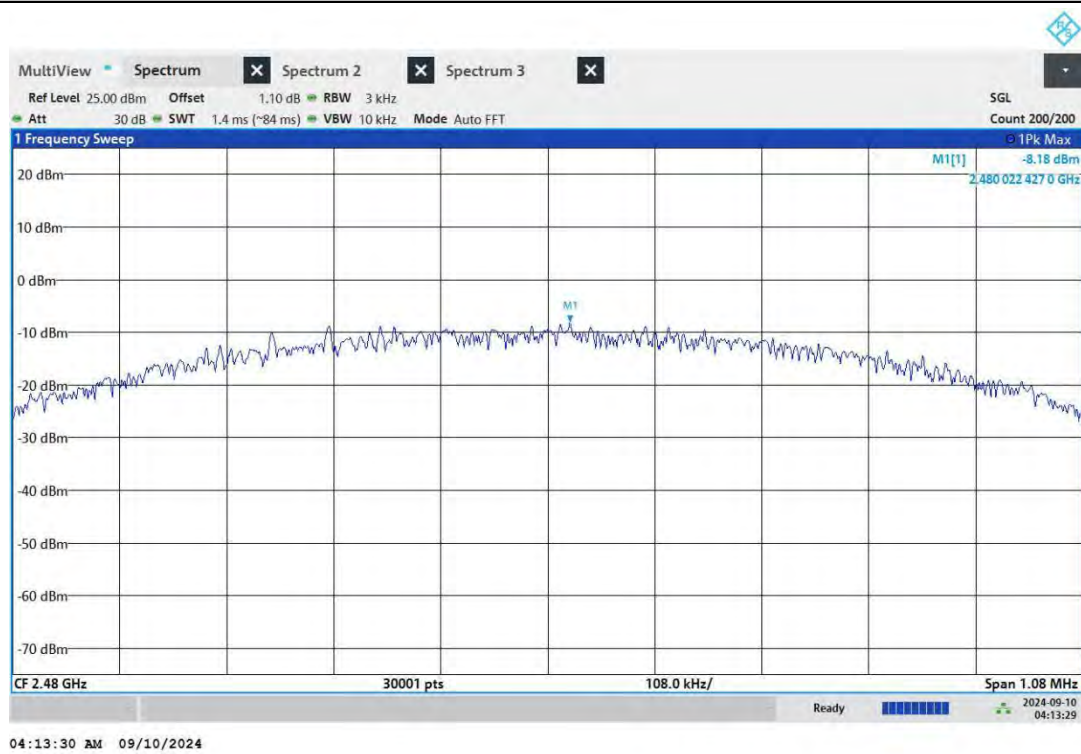




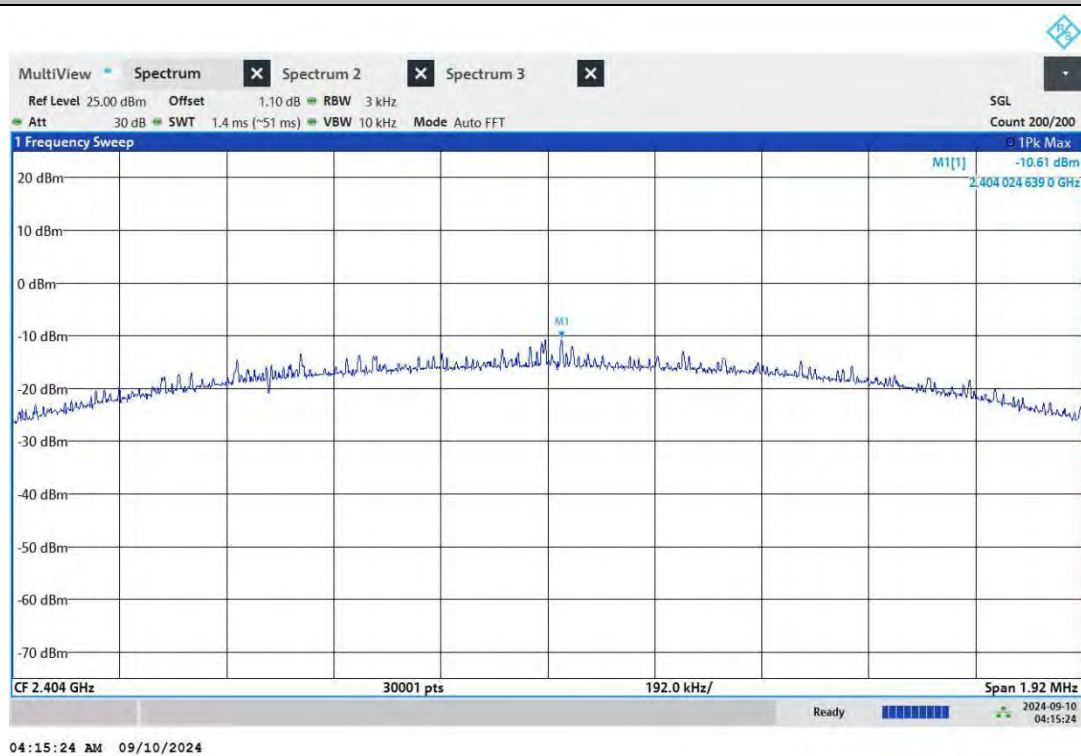
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Test Report No.: PSU-NQN2406210109RF08

BLE_1M_ANT0_2440



BLE_1M_ANT0_2480



BLE_2M_ANT0_2404

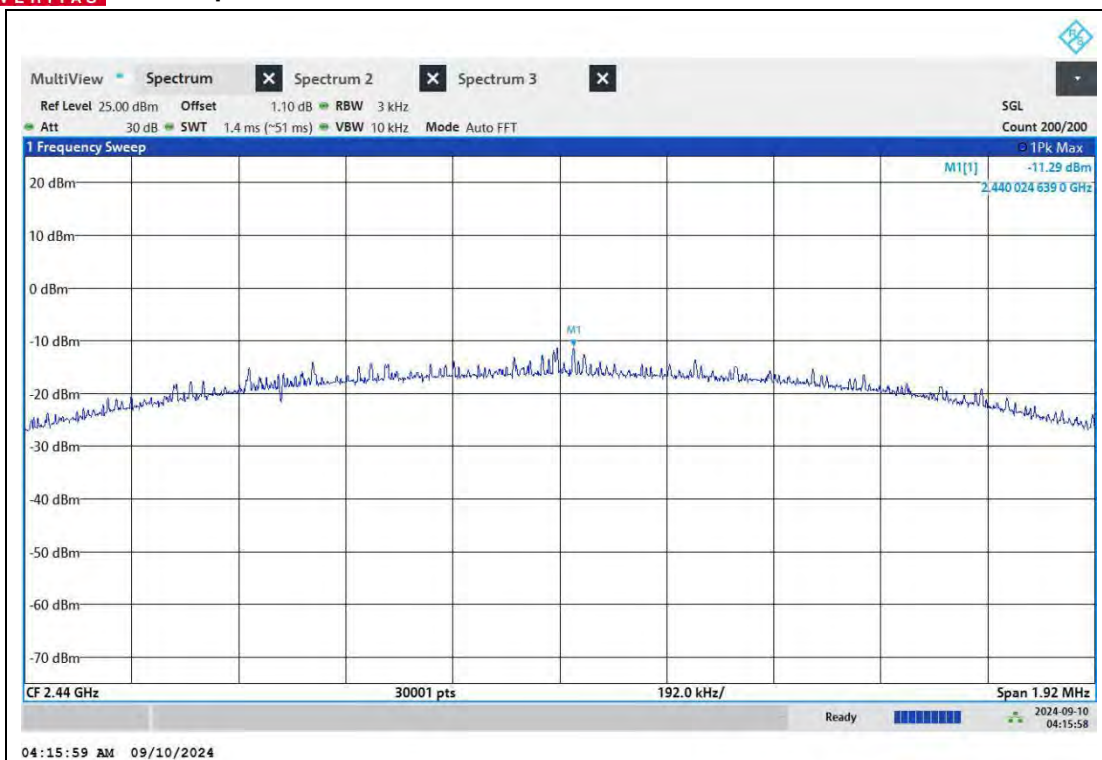
Huarui 7layers High Technology
(Suzhou) Co., Ltd.

Tower N, Innovation Center, 88 Zuyi Road,
High-tech District, Suzhou City, Anhui Province

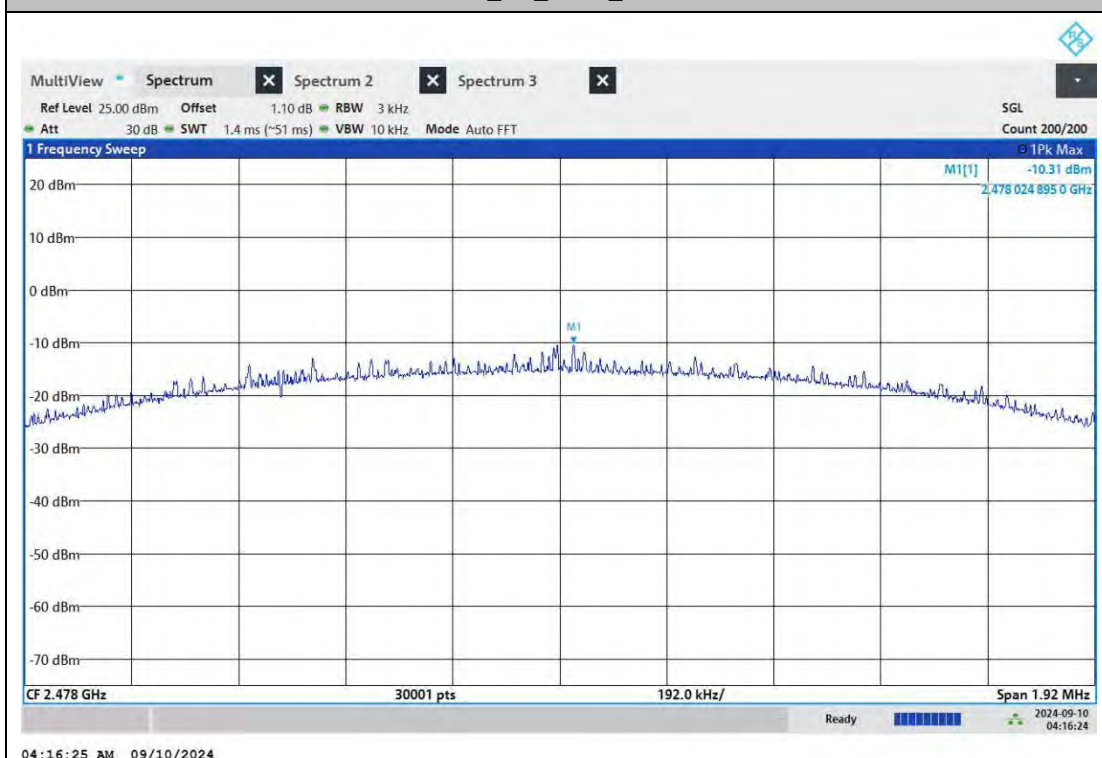
Tel: +86 (0557) 368 1008



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BLE_2M_ANT0_2440

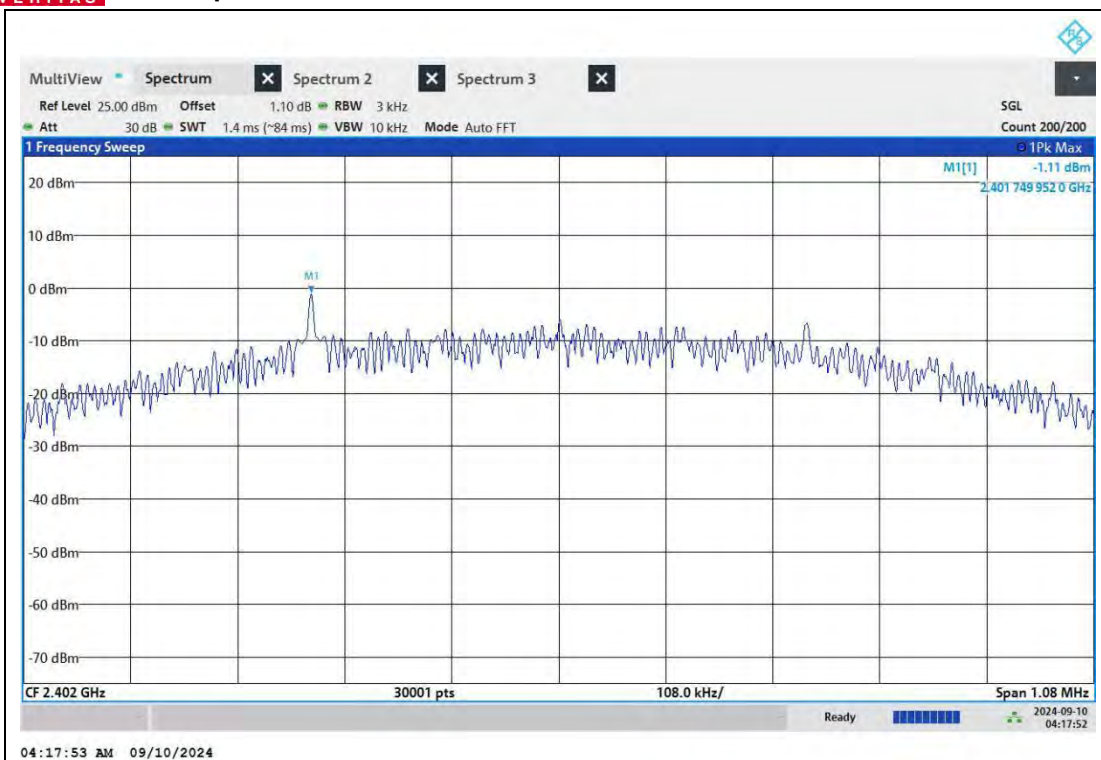


BLE_2M_ANT0_2478

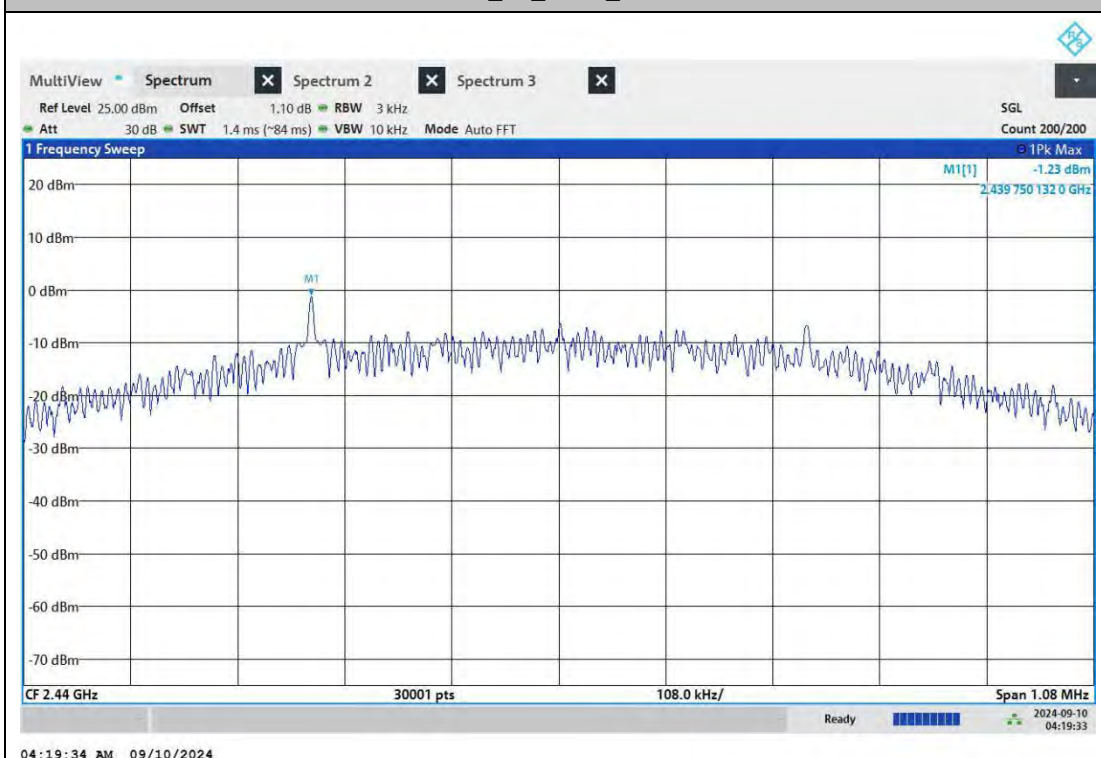


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BLE_S2_ANT0_2402



BLE_S2_ANT0_2440

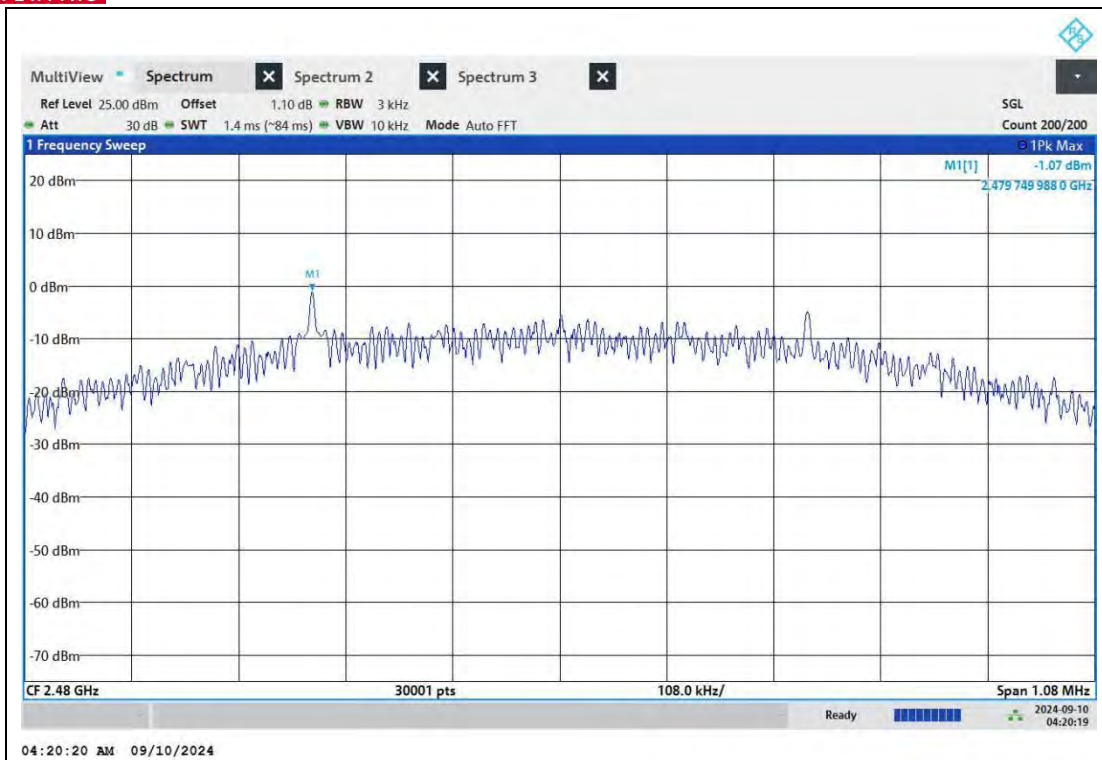
Huarui 7layers High Technology
(Suzhou) Co., Ltd.

Tower N, Innovation Center, 88 Zuyi Road,
High-tech District, Suzhou City, Anhui Province

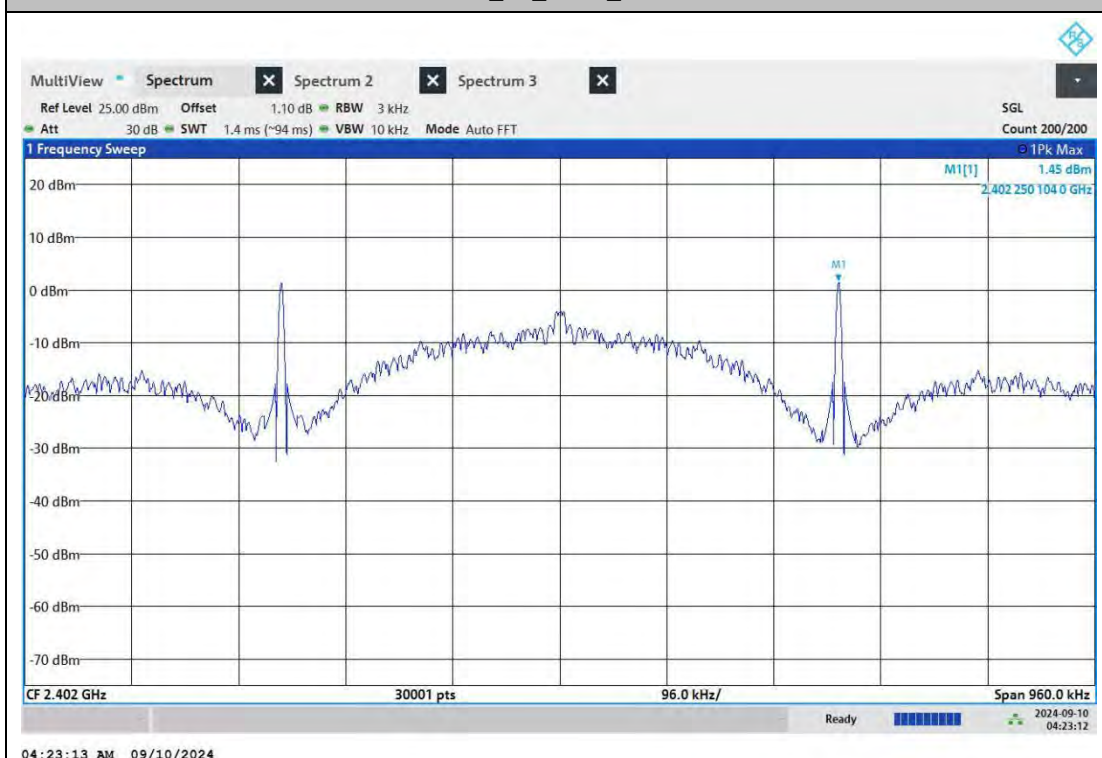
Tel: +86 (0557) 368 1008



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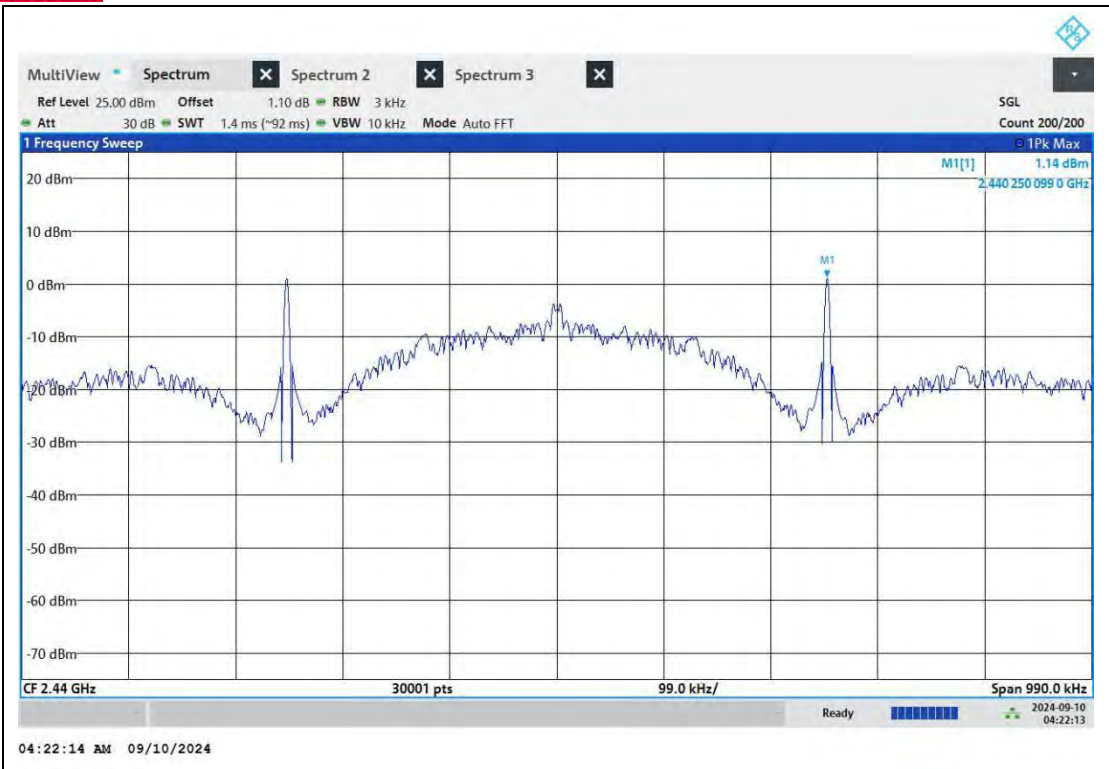
BLE_S2_ANT0_2480



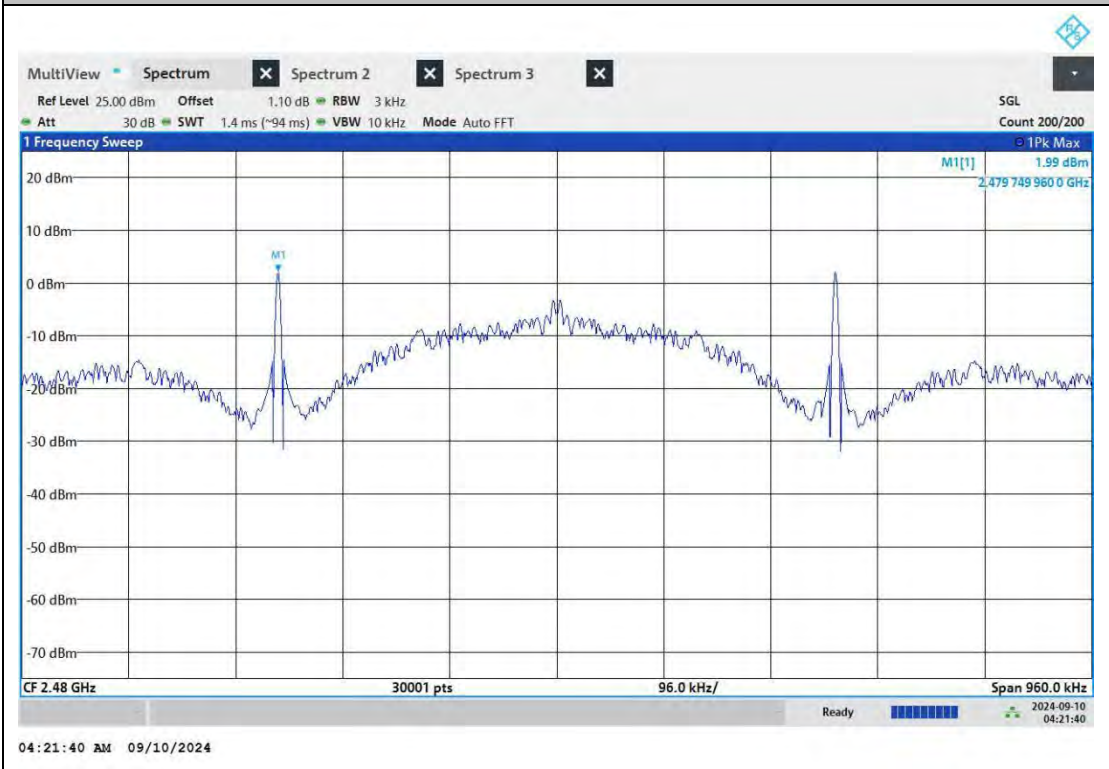
BLE_S8_ANT0_2402



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BLE_S8_ANT0_2440



BLE_S8_ANT0_2480

**BAND EDGE MEASUREMENTS****TEST RESULT**

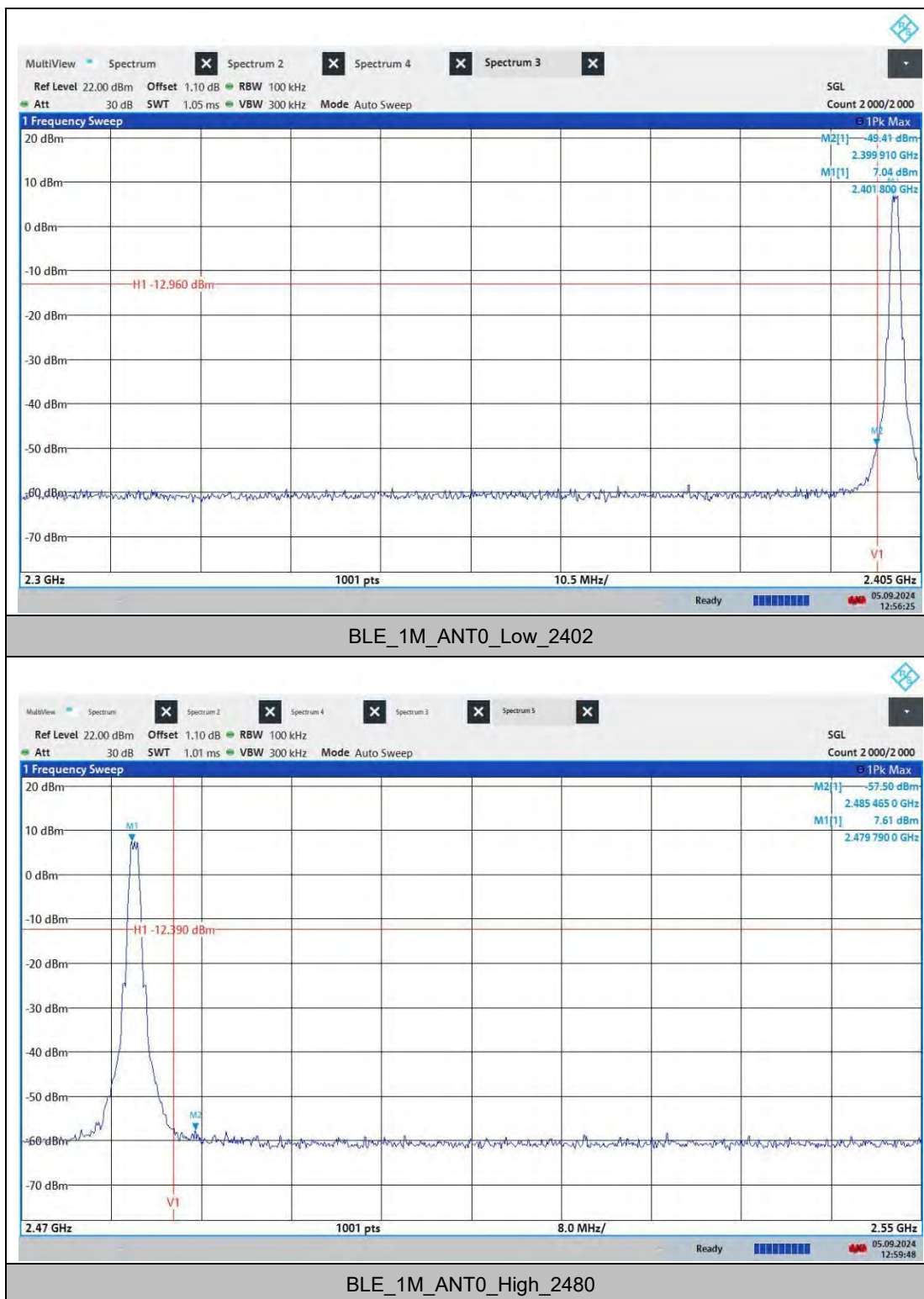
TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	ANT0	Low	2402	See test graph	See test graph	PASS
		High	2480	See test graph	See test graph	PASS
BLE_2M	ANT0	Low	2402	See test graph	See test graph	PASS
		High	2480	See test graph	See test graph	PASS
BLE_S2	ANT0	Low	2402	See test graph	See test graph	PASS
		High	2480	See test graph	See test graph	PASS
BLE_S8	ANT0	Low	2402	See test graph	See test graph	PASS
		High	2480	See test graph	See test graph	PASS



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TEST GRAPHS



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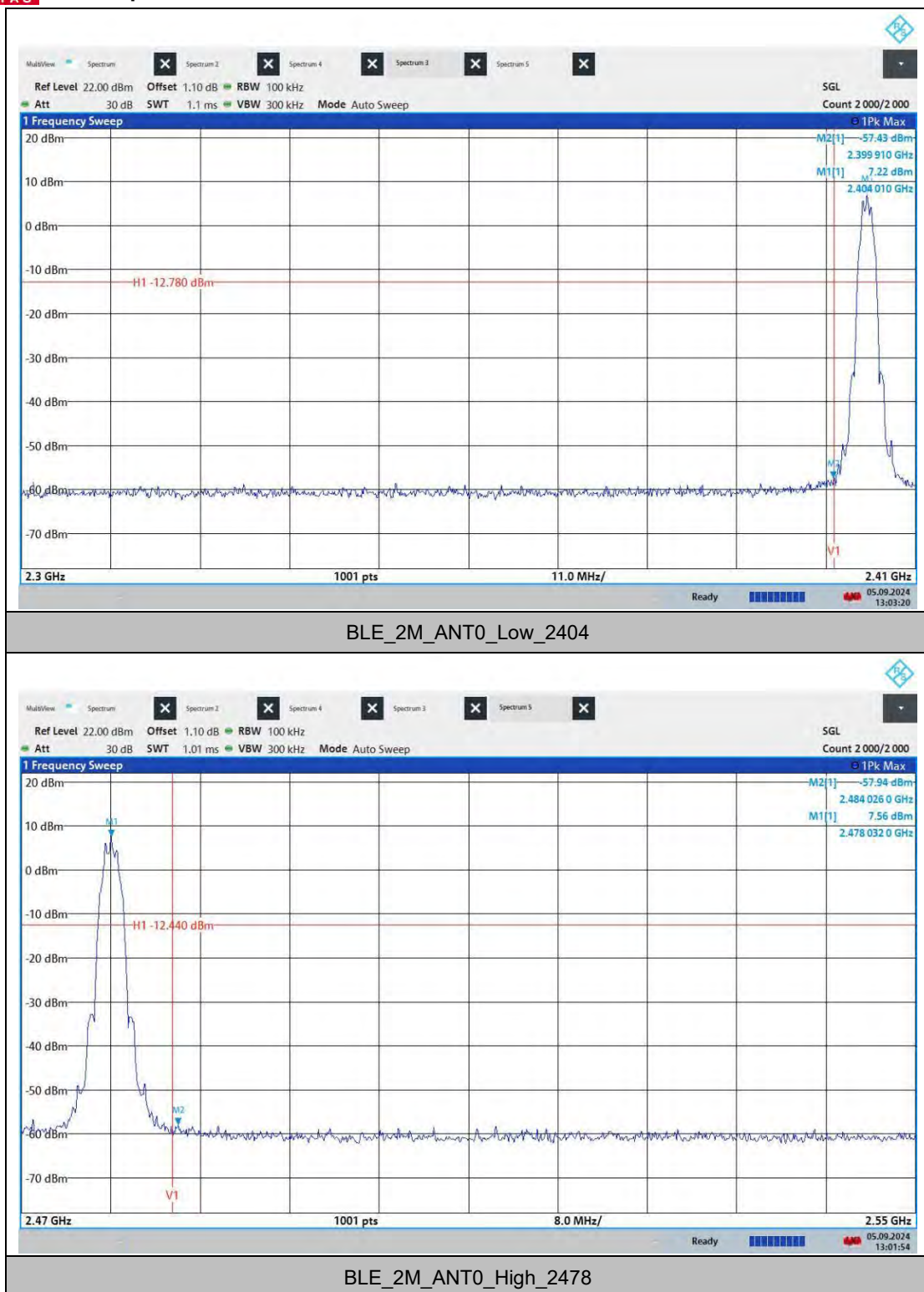
Tower N, Innovation Center, 88 Zuyi Road,
High-tech District, Suzhou City, Anhui Province

Tel: +86 (0557) 368 1008



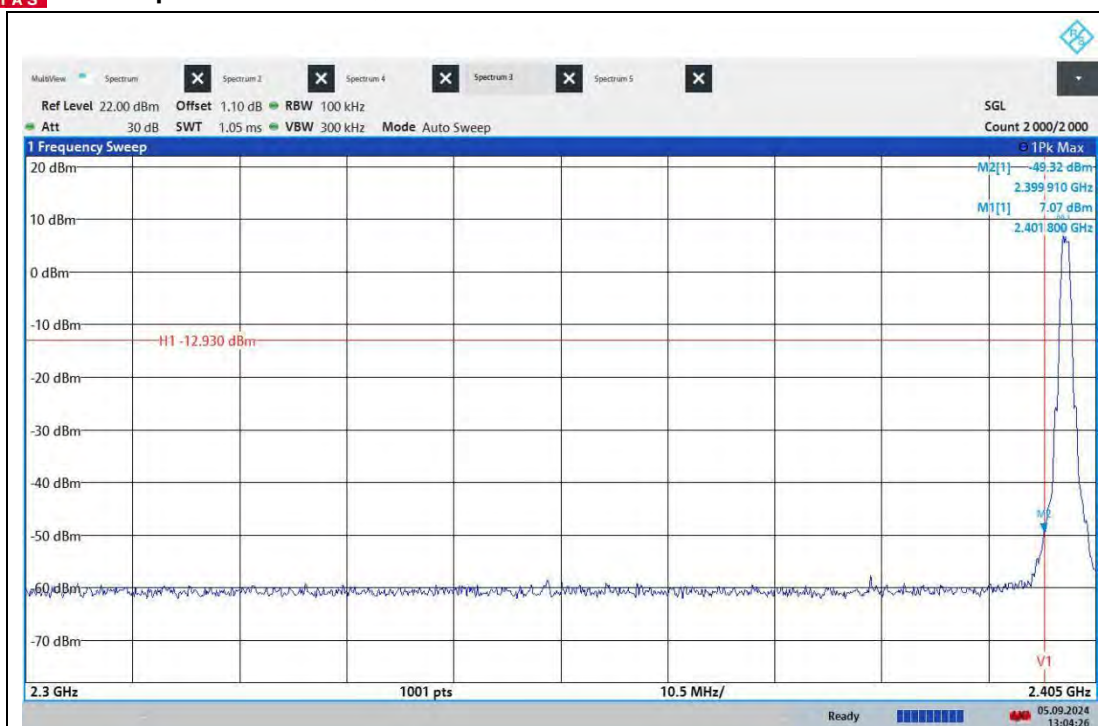
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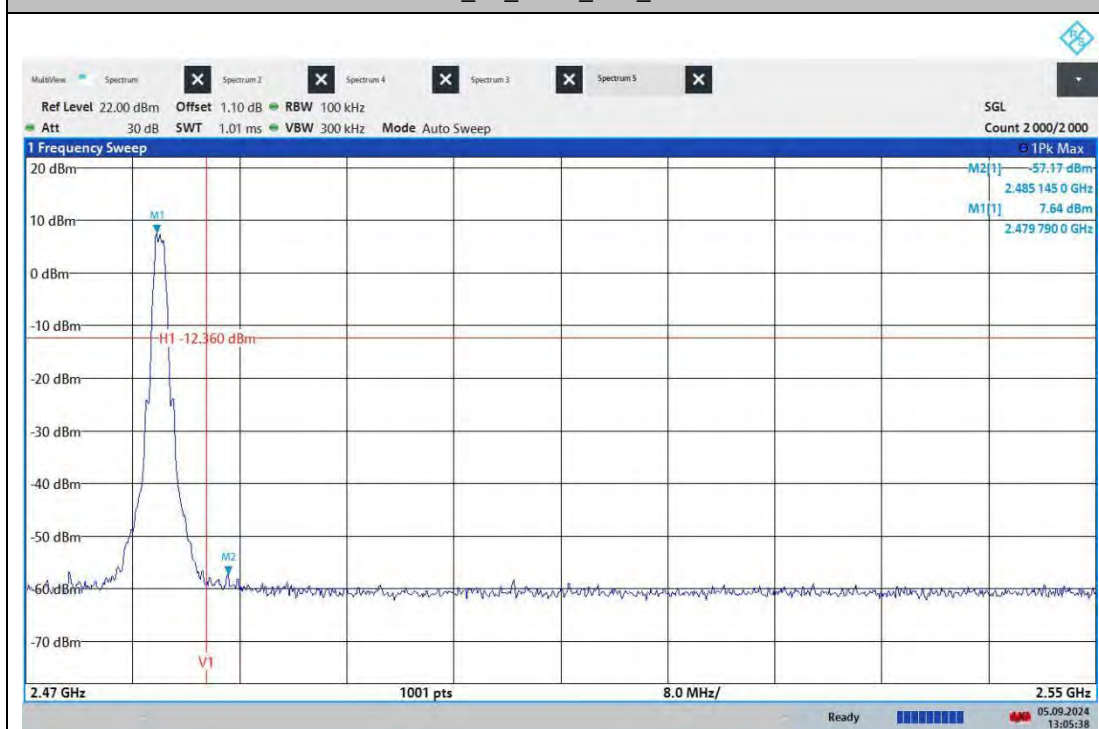




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BLE_S2_ANT0_Low_2402

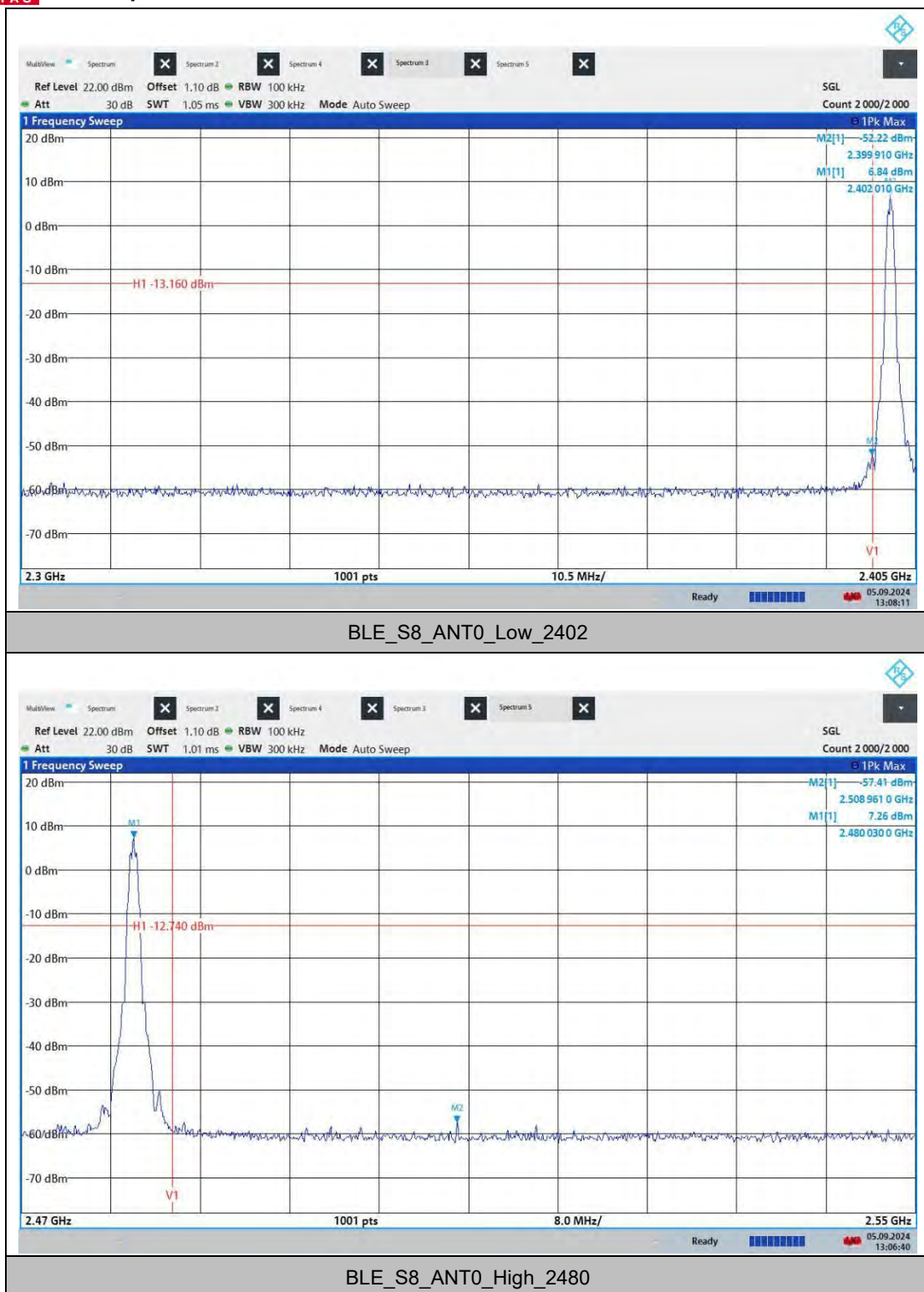


BLE_S2_ANT0_High_2480



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CONDUCTED SPURIOUS EMISSION

TEST RESULT

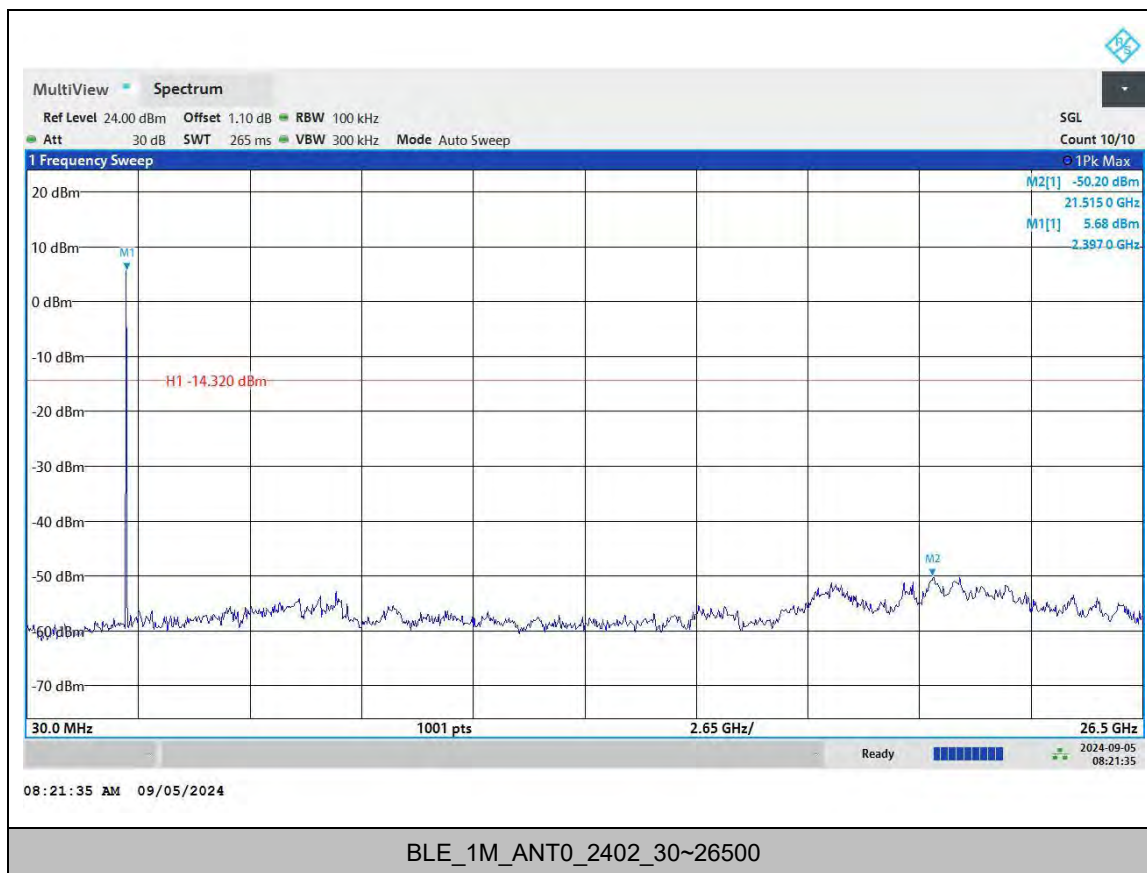
TestMode	Antenna	Channel	FreqRange [MHz]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	ANT0	2402	30~26500	See test graph	See test graph	PASS
		2440	30~26500	See test graph	See test graph	PASS
		2480	30~26500	See test graph	See test graph	PASS
BLE_2M	ANT0	2402	30~26500	See test graph	See test graph	PASS
		2440	30~26500	See test graph	See test graph	PASS
		2480	30~26500	See test graph	See test graph	PASS
BLE_S2	ANT0	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
BLE_S8	ANT0	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 Report No.: PSU-NQN2406210109RF08

TEST GRAPHS





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BLE_1M_ANT0_2440_30~26500



BLE_1M_ANT0_2480_30~26500

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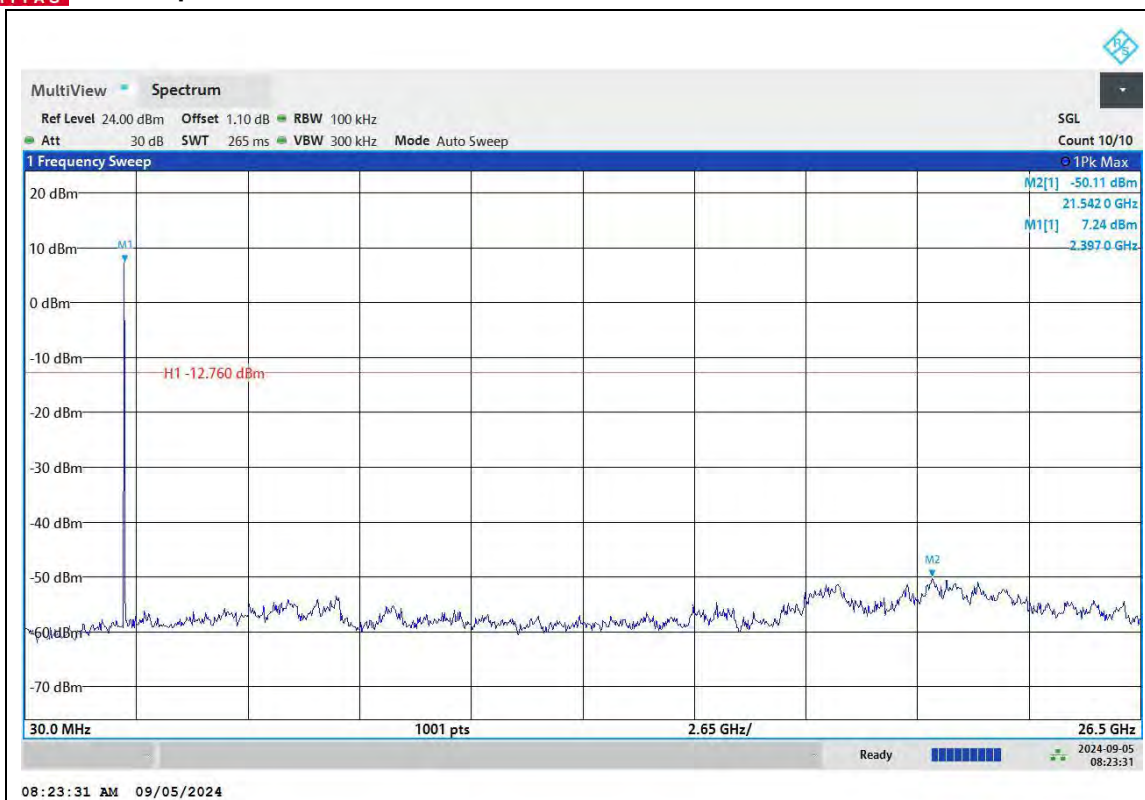
Tower N, Innovation Center, 88 Zuyi Road,
High-tech District, Suzhou City, Anhui Province

Tel: +86 (0557) 368 1008

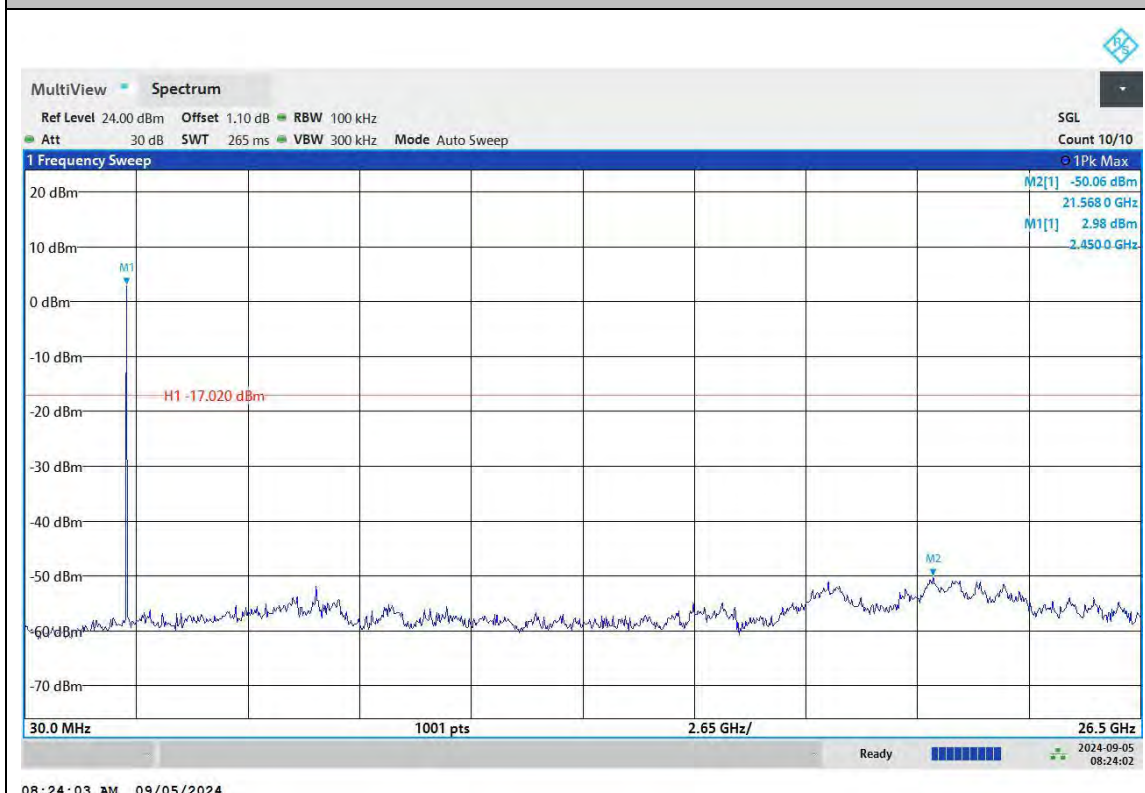


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BLE_2M_ANT0_2404_30~26500



BLE_2M_ANT0_2440_30~26500

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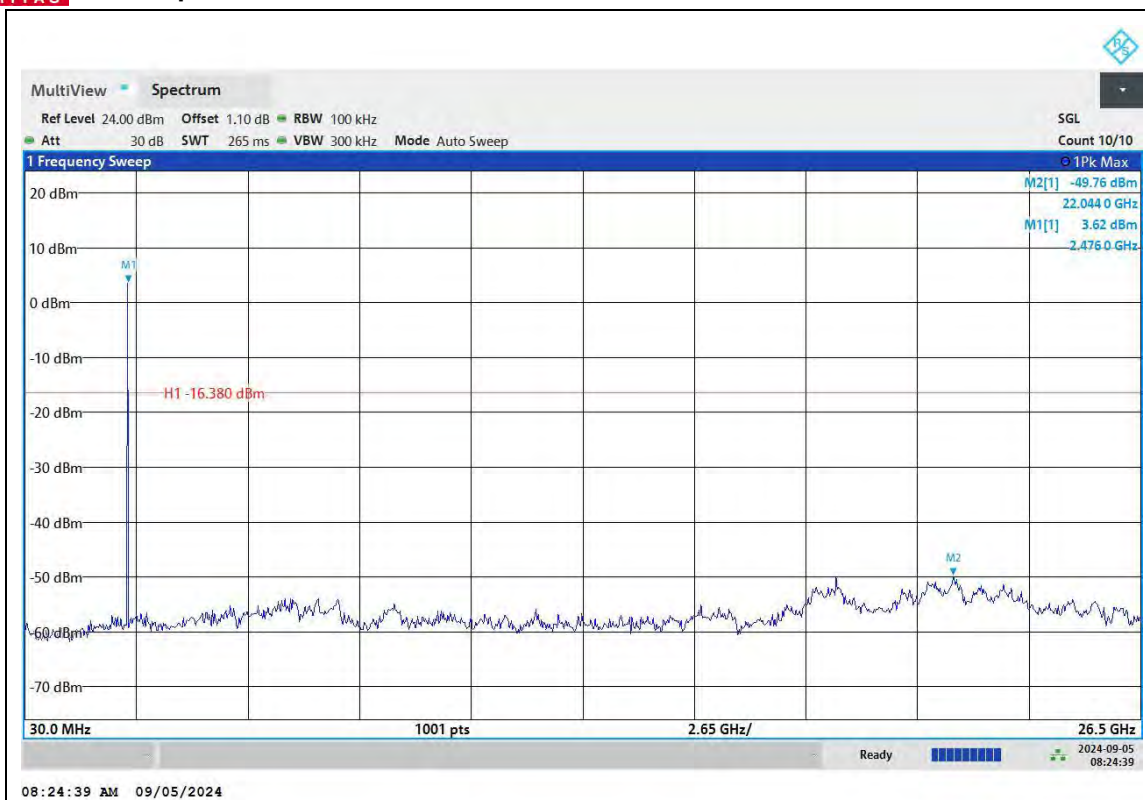
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BLE_2M_ANT0_2478_30~26500



BLE_S2_ANT0_2402_30~26500

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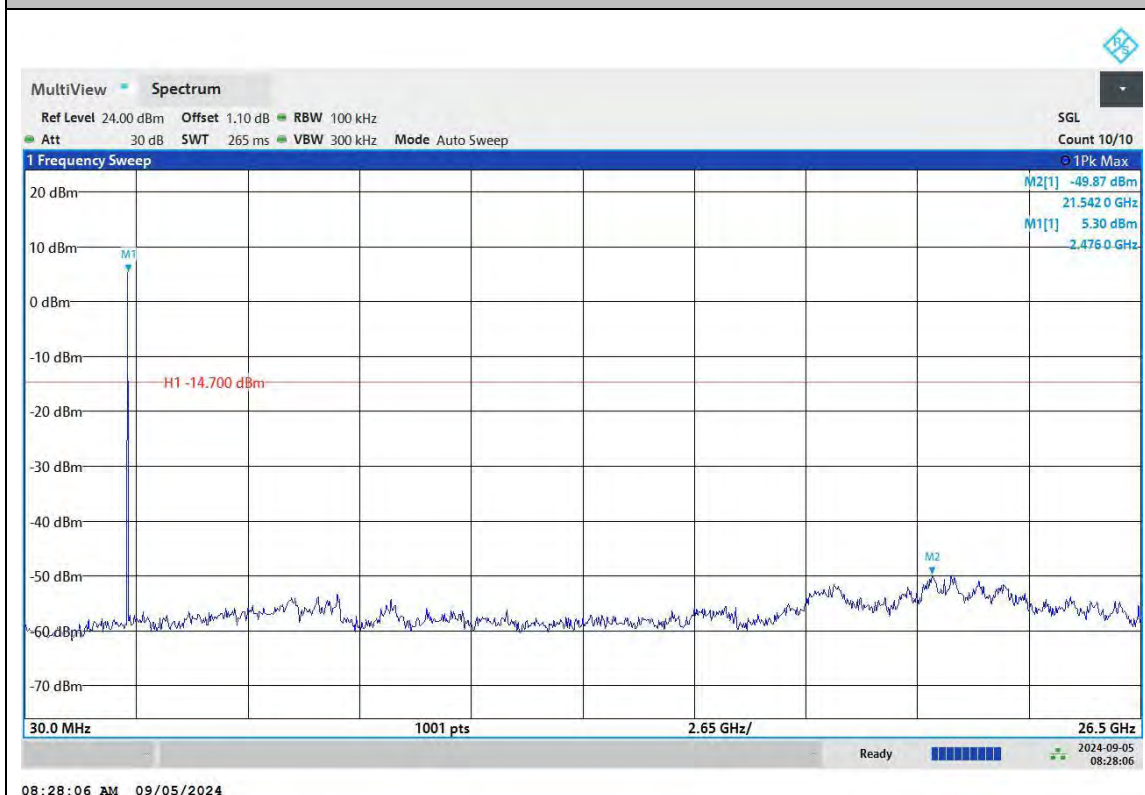


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BLE_S2_ANT0_2440_30~26500



BLE_S2_ANT0_2480_30~26500

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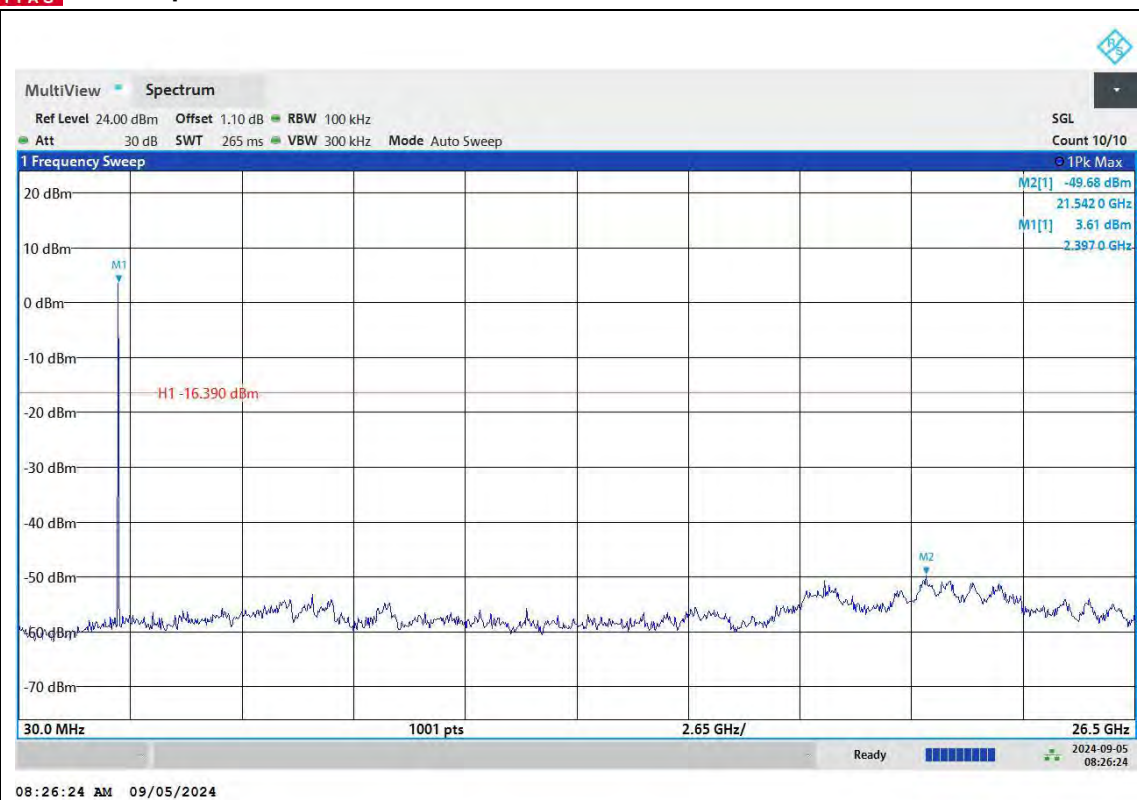
Tower N, Innovation Center, 88 Zuyi Road,
High-tech District, Suzhou City, Anhui Province

Tel: +86 (0557) 368 1008

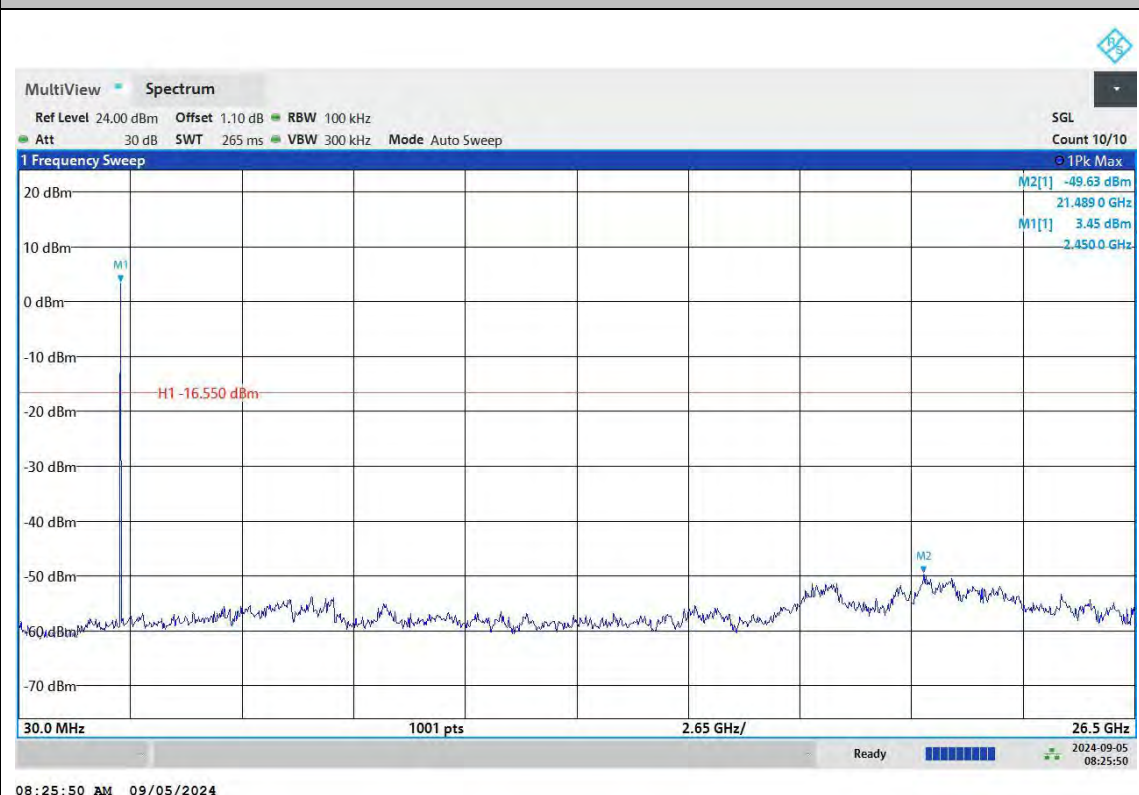


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Test Report No.: PSU-NQN2406210109RF08



BLE_S8_ANT0_2402_30~26500

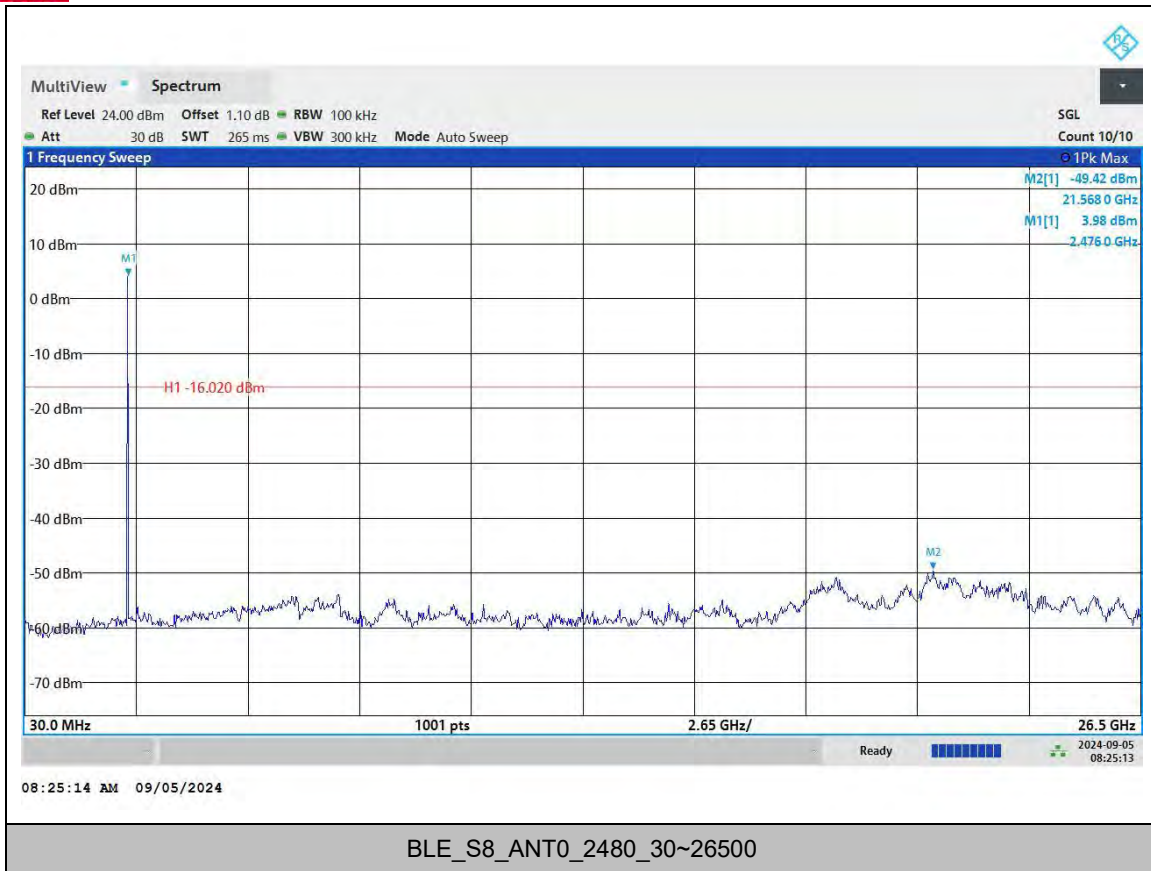


BLE_S8_ANT0_2440_30~26500

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DUTY CYCLE

TEST RESULT

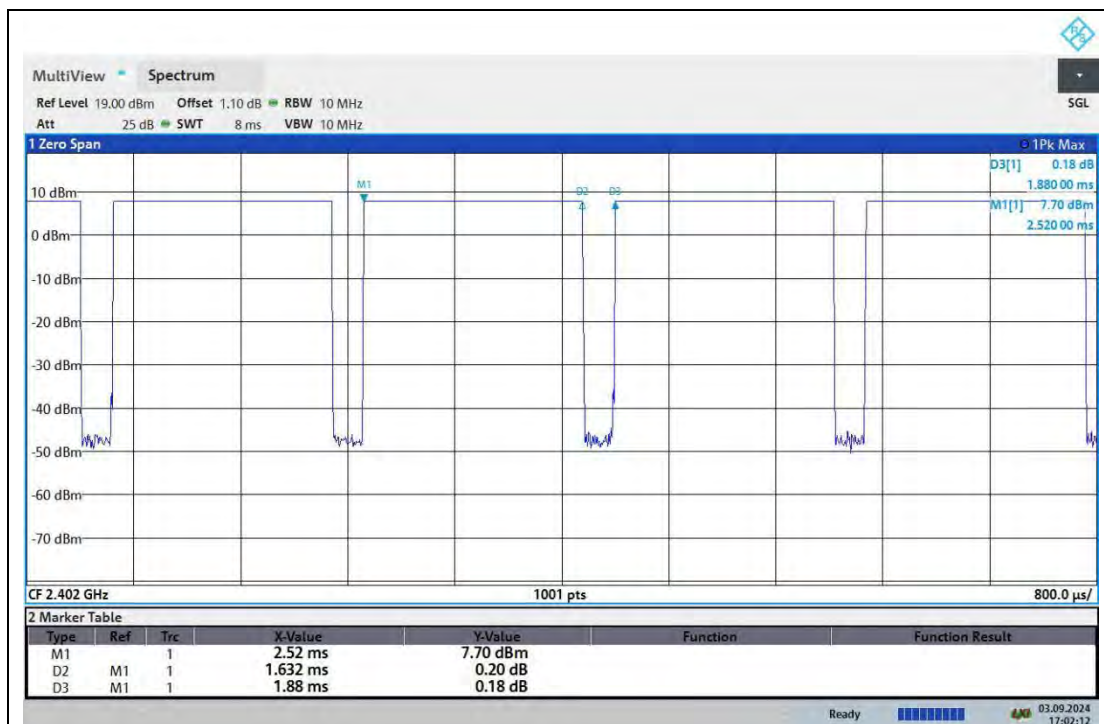
TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
BLE_1M	ANT0	2402	1.632	1.880	86.81%	0.61	---	PASS
BLE_2M	ANT0	2404	0.825	1.250	66.00%	1.80	---	PASS
BLE-S2	ANT0	2402	3.565	4.390	81.21%	0.90	---	PASS
BLE_S8	ANT0	2402	13.065	13.740	95.09%	0.22	---	PASS



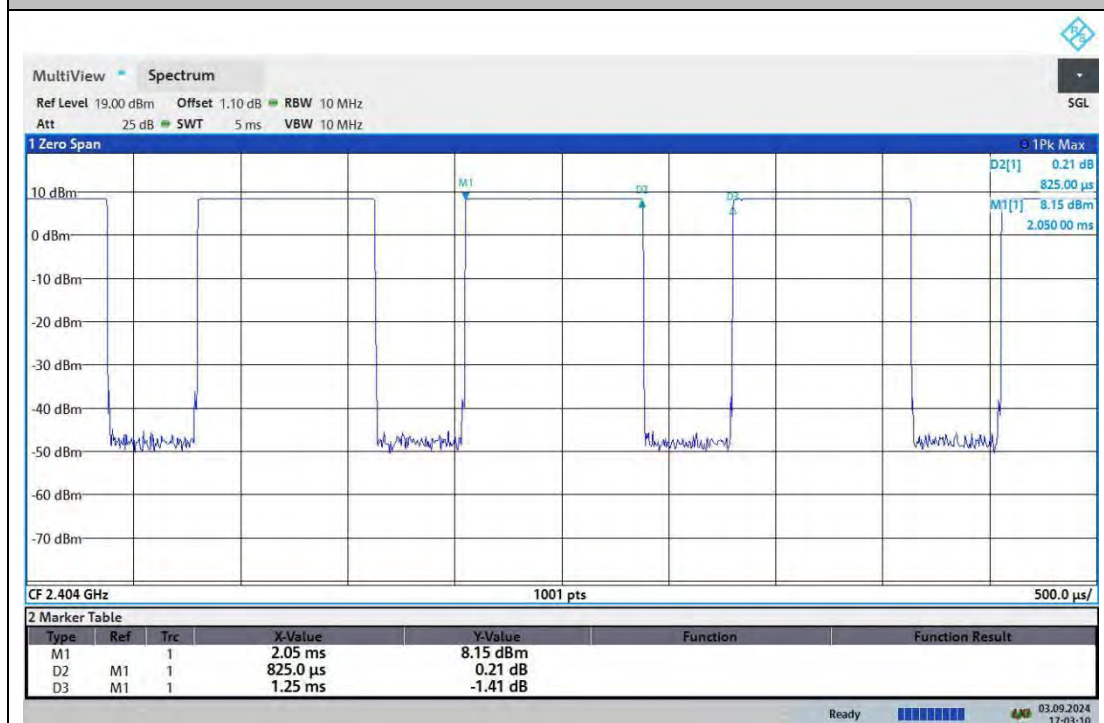
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Test Report No.: PSU-NQN2406210109RF08

TEST GRAPHS



BLE_1M_ANT0_2402



BLE_2M_ANT0_2404

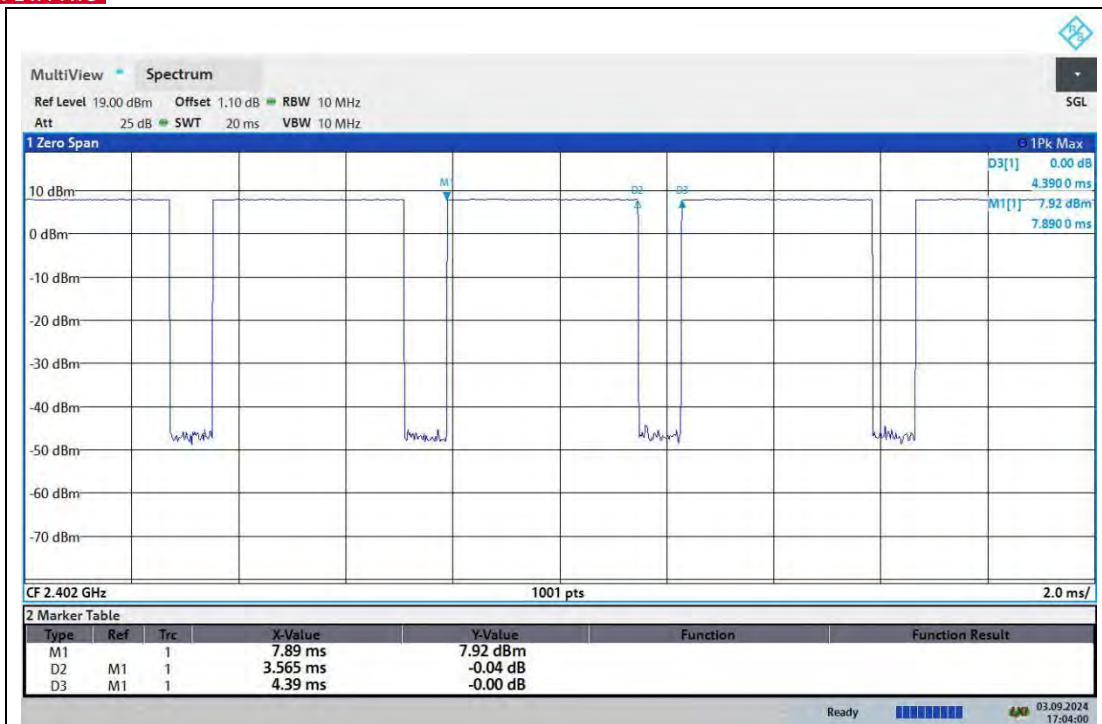
Huarui 7layers High Technology
(Suzhou) Co., Ltd.

Tower N, Innovation Center, 88 Zuyi Road,
High-tech District, Suzhou City, Anhui Province

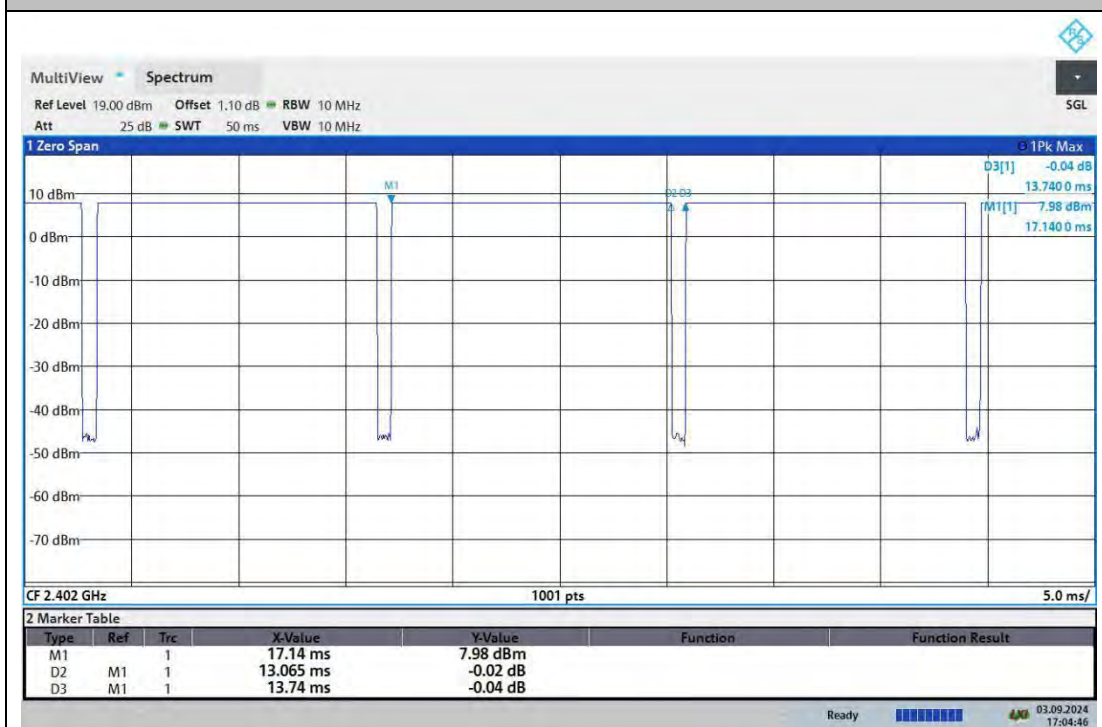
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BLE_S2_ANT0_2402



BLE_S8_ANT0_2402

--END--