



Appendix B

RF Test Data for BT LE(Conducted Measurement)

Product Name: AAWireless Nano

Test Model: A3BN

Environmental Conditions

Temperature:	24.2° C
Relative Humidity:	53.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun



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B.1 -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.659	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.6497	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.6427	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.17	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.155	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.258	0.5	Pass

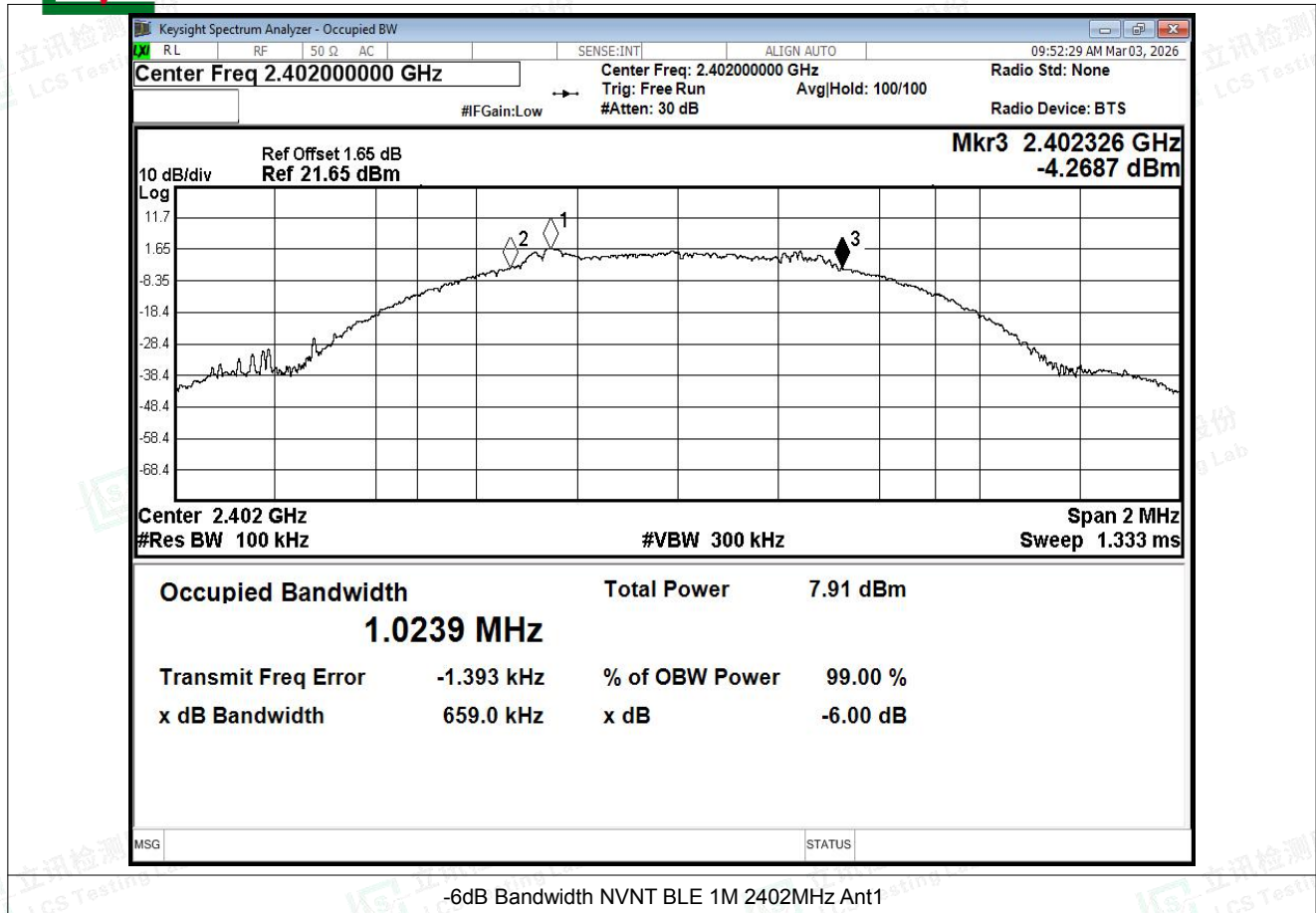


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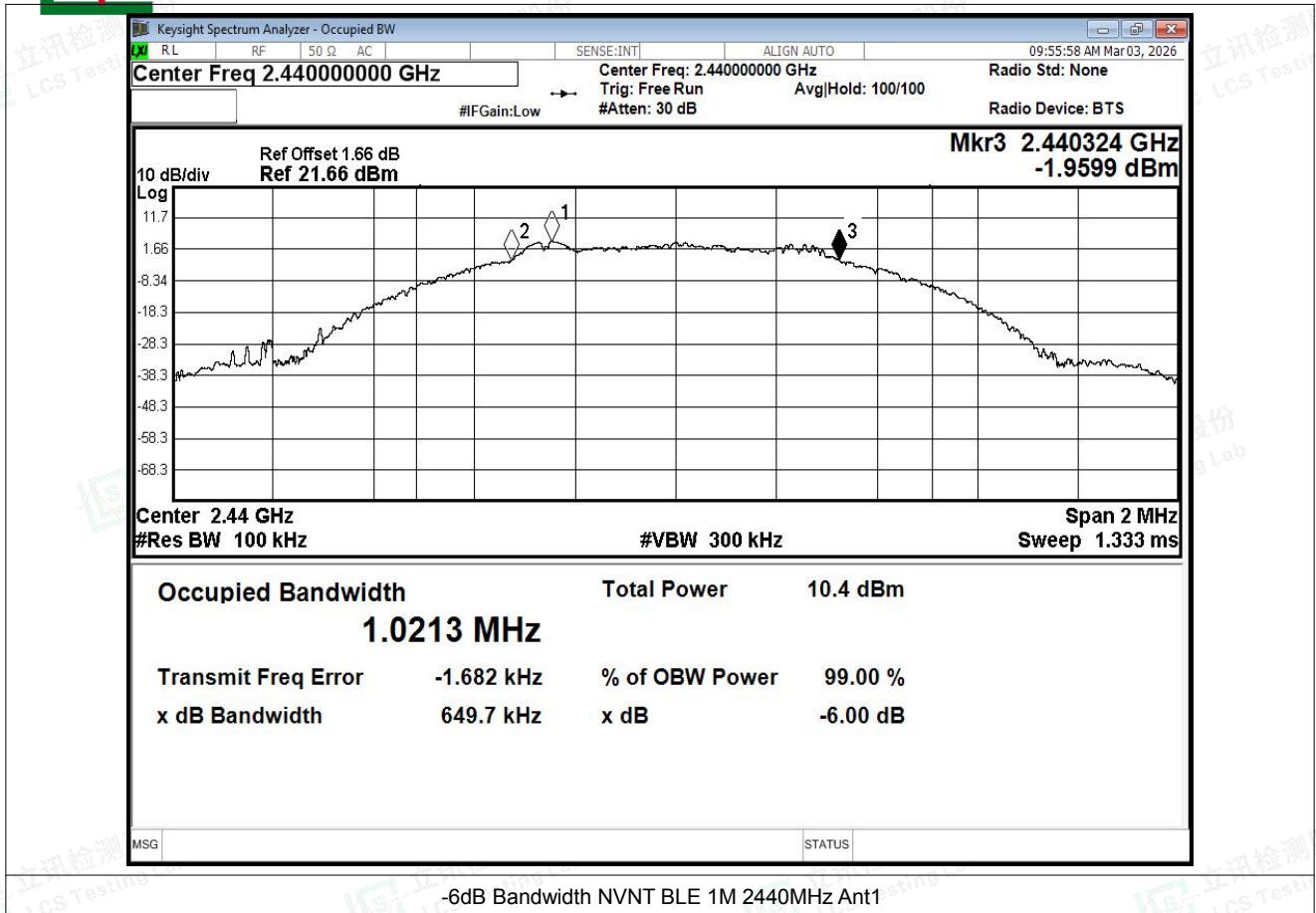


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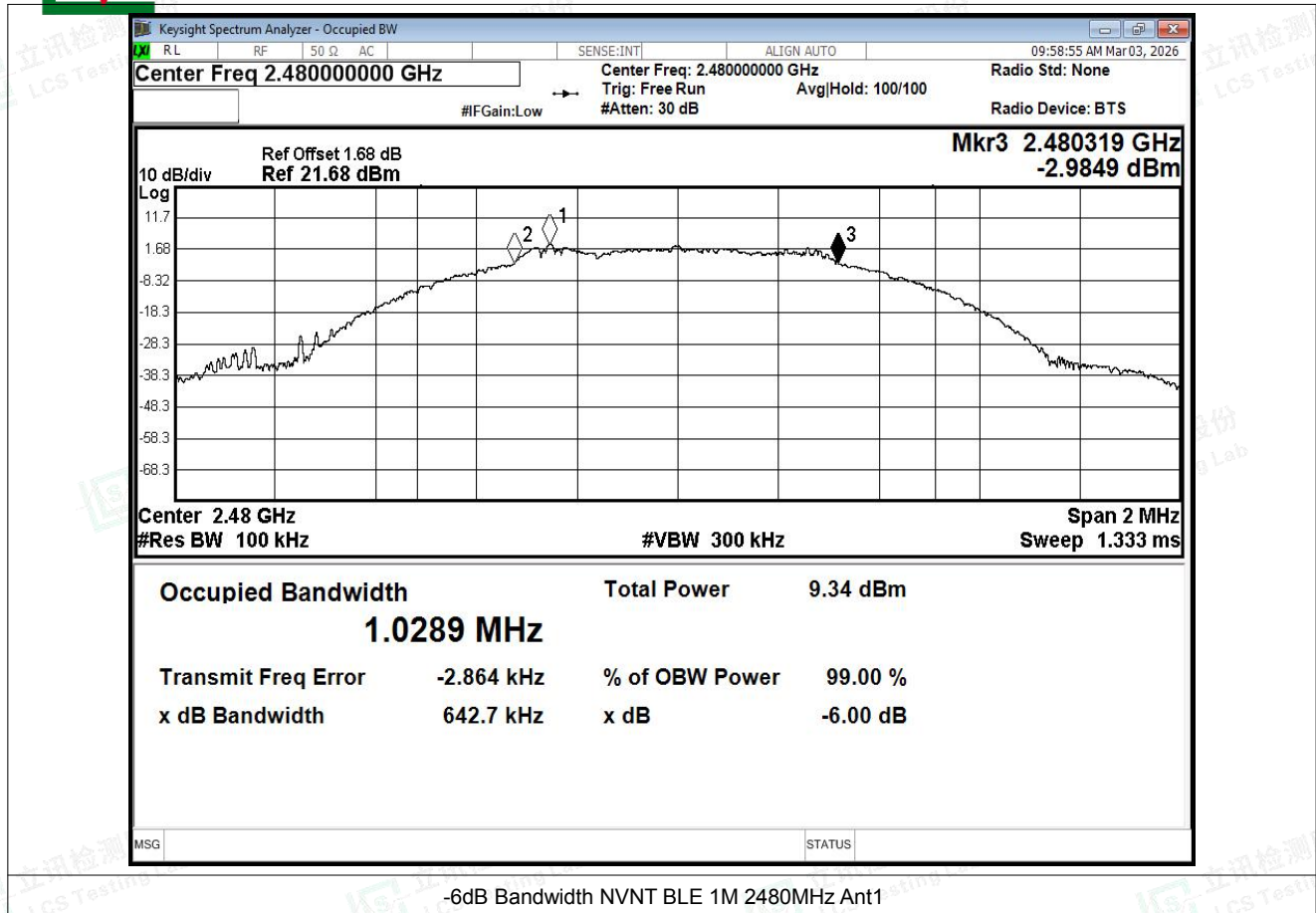


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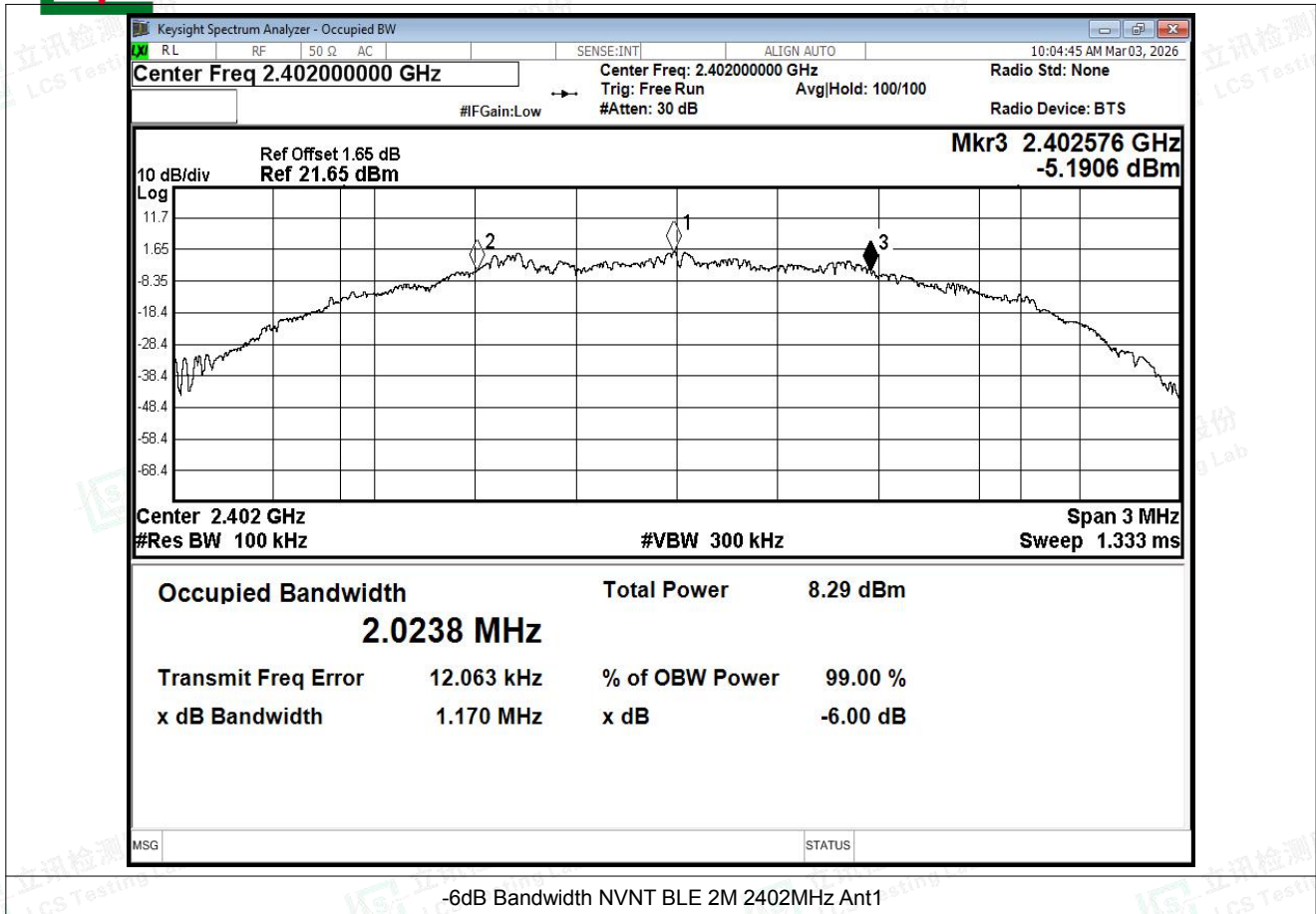


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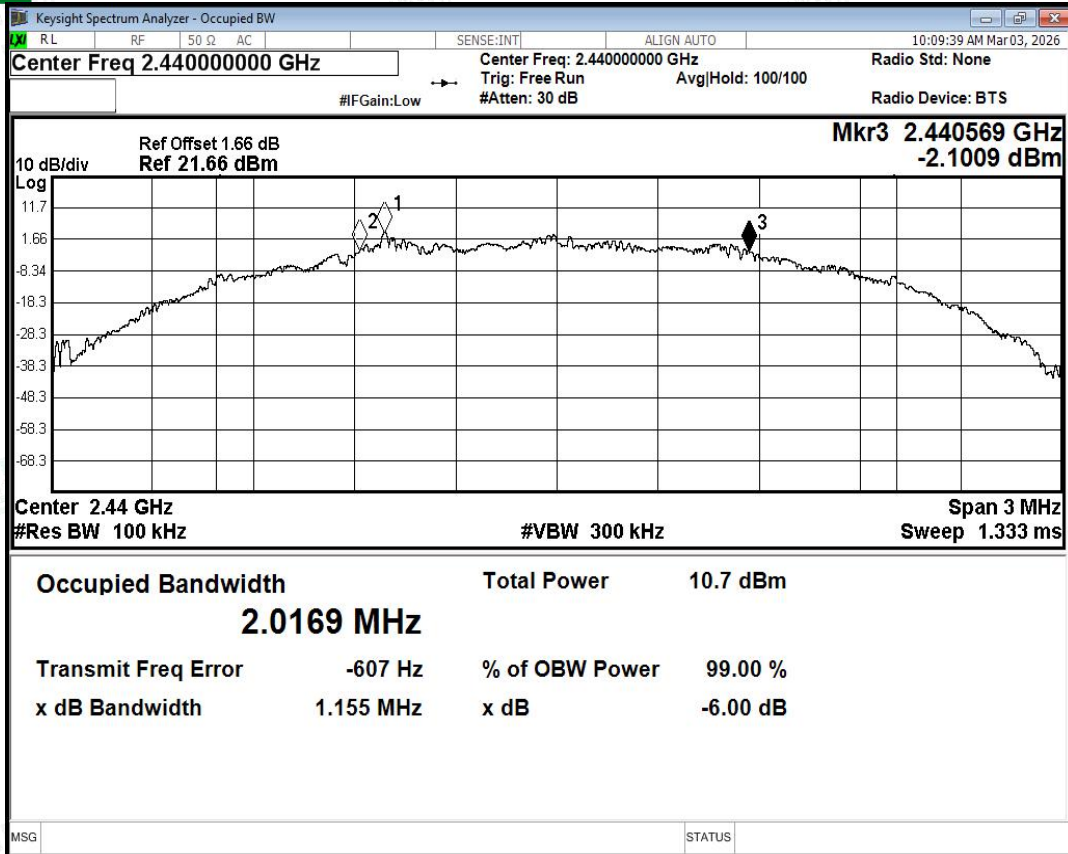


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-6dB Bandwidth NVNT BLE 2M 2440MHz Ant1

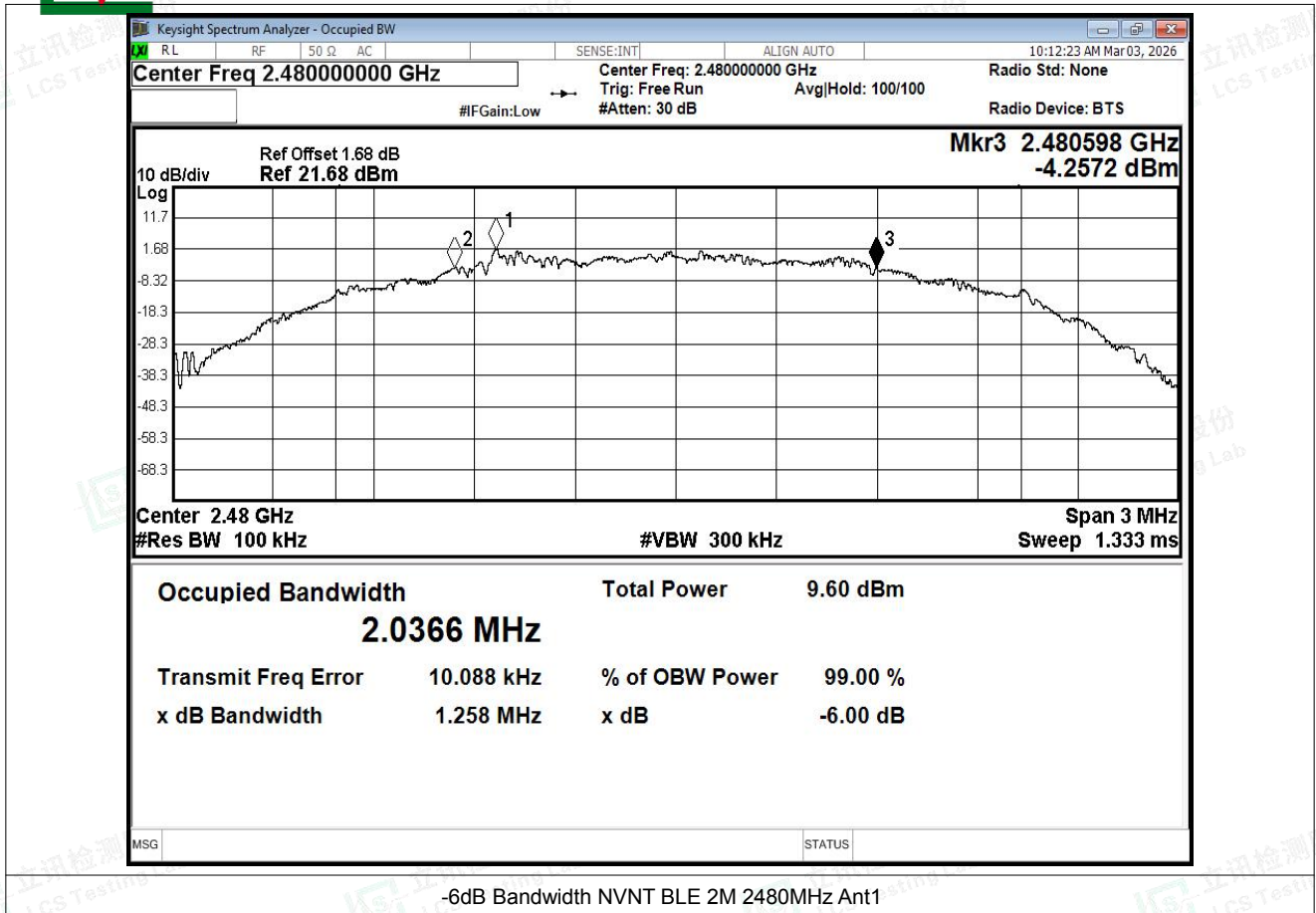


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B.2 Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	2.11	30	Pass
NVNT	BLE 1M	2440	Ant1	4.64	30	Pass
NVNT	BLE 1M	2480	Ant1	3.63	30	Pass
NVNT	BLE 2M	2402	Ant1	2	30	Pass
NVNT	BLE 2M	2440	Ant1	4.41	30	Pass
NVNT	BLE 2M	2480	Ant1	3.4	30	Pass

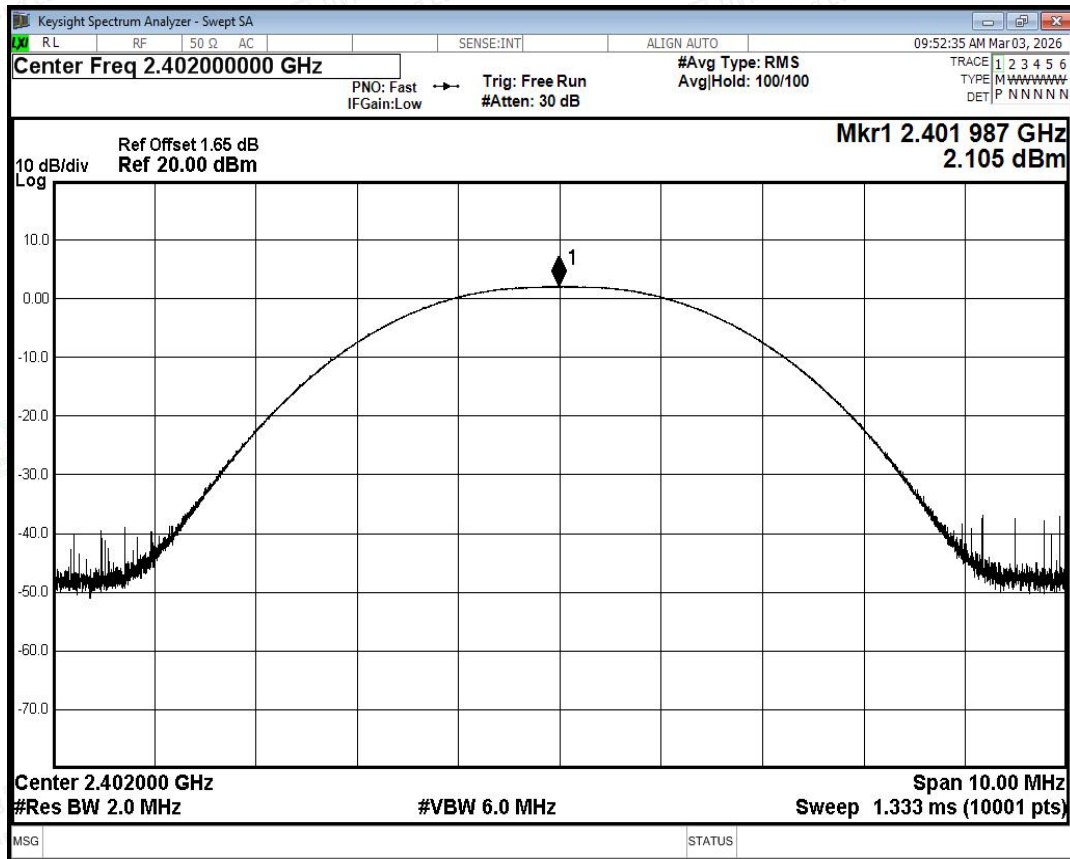


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Peak Power NVNT BLE 1M 2402MHz Ant1

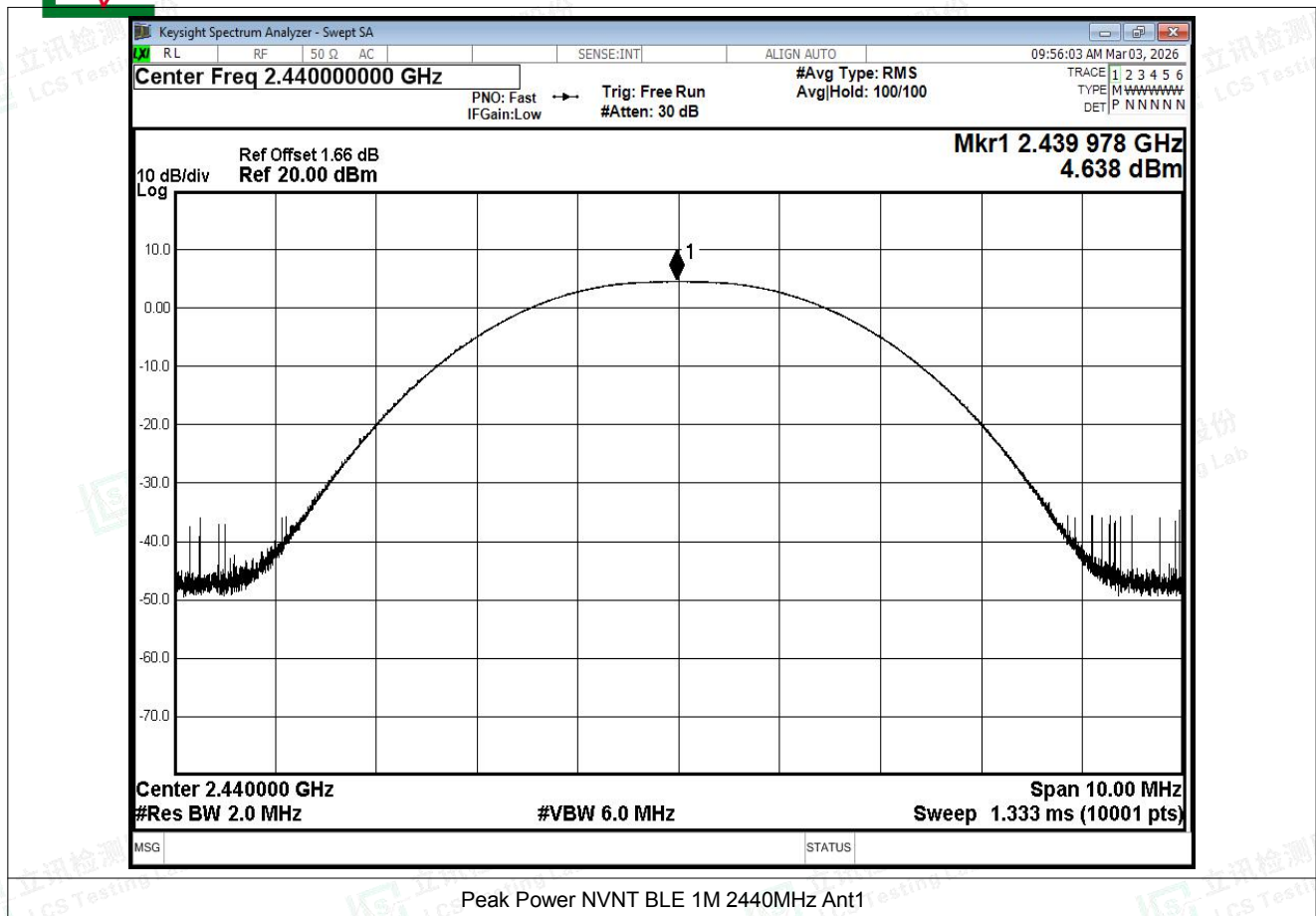


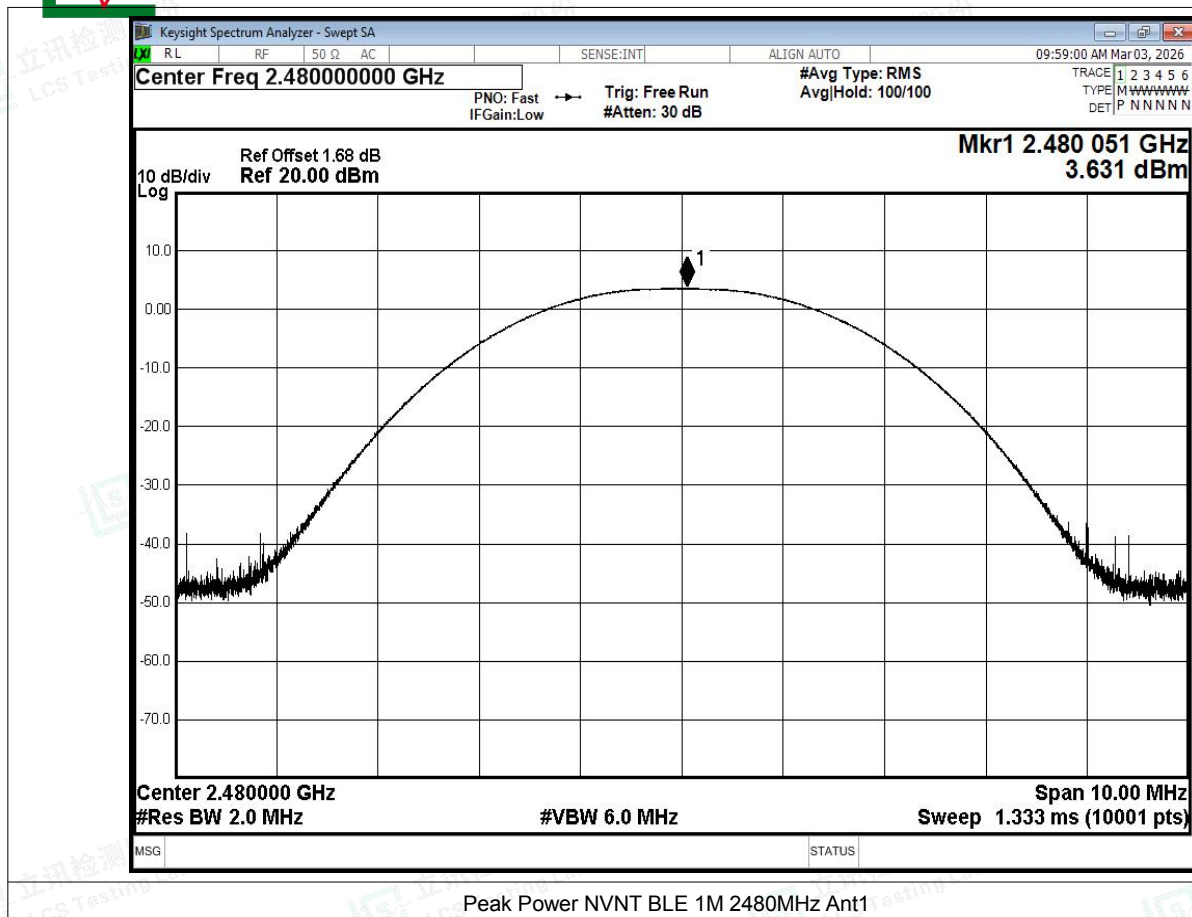
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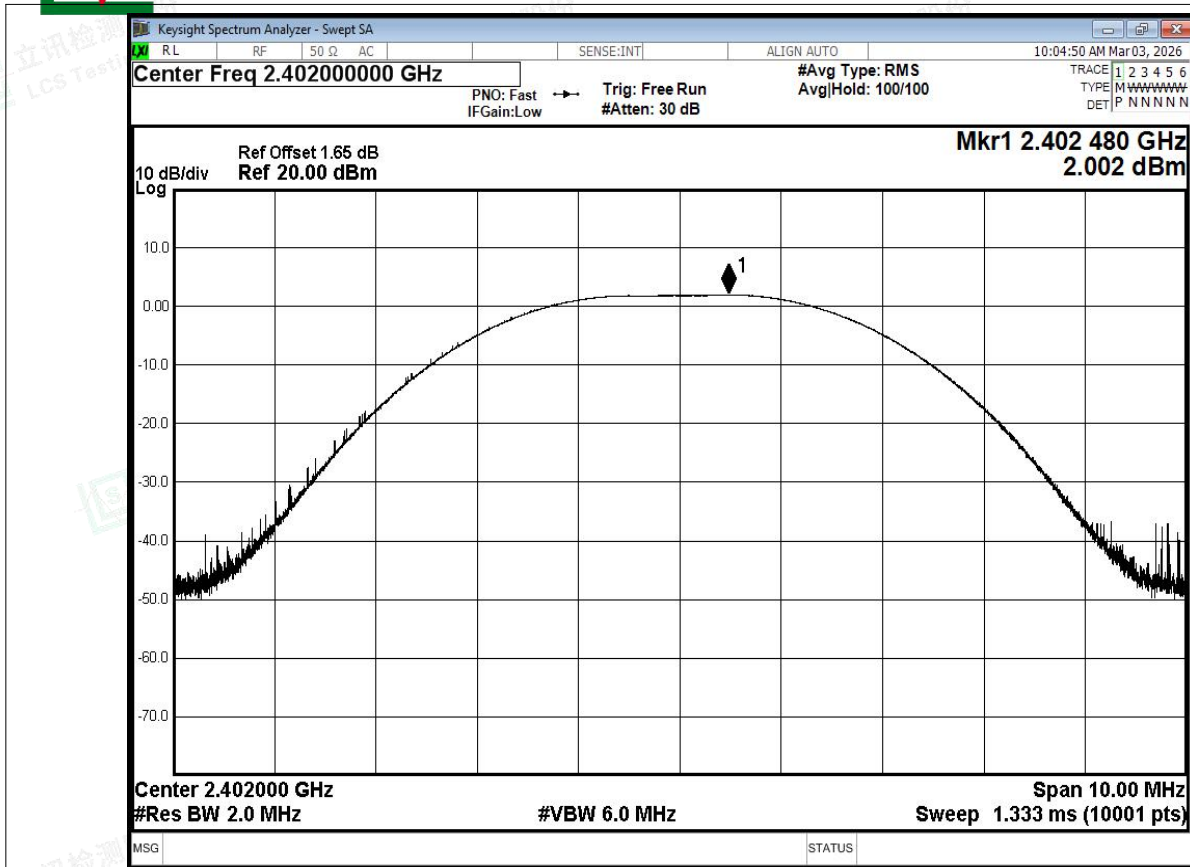


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Peak Power NVNT BLE 2M 2402MHz Ant1

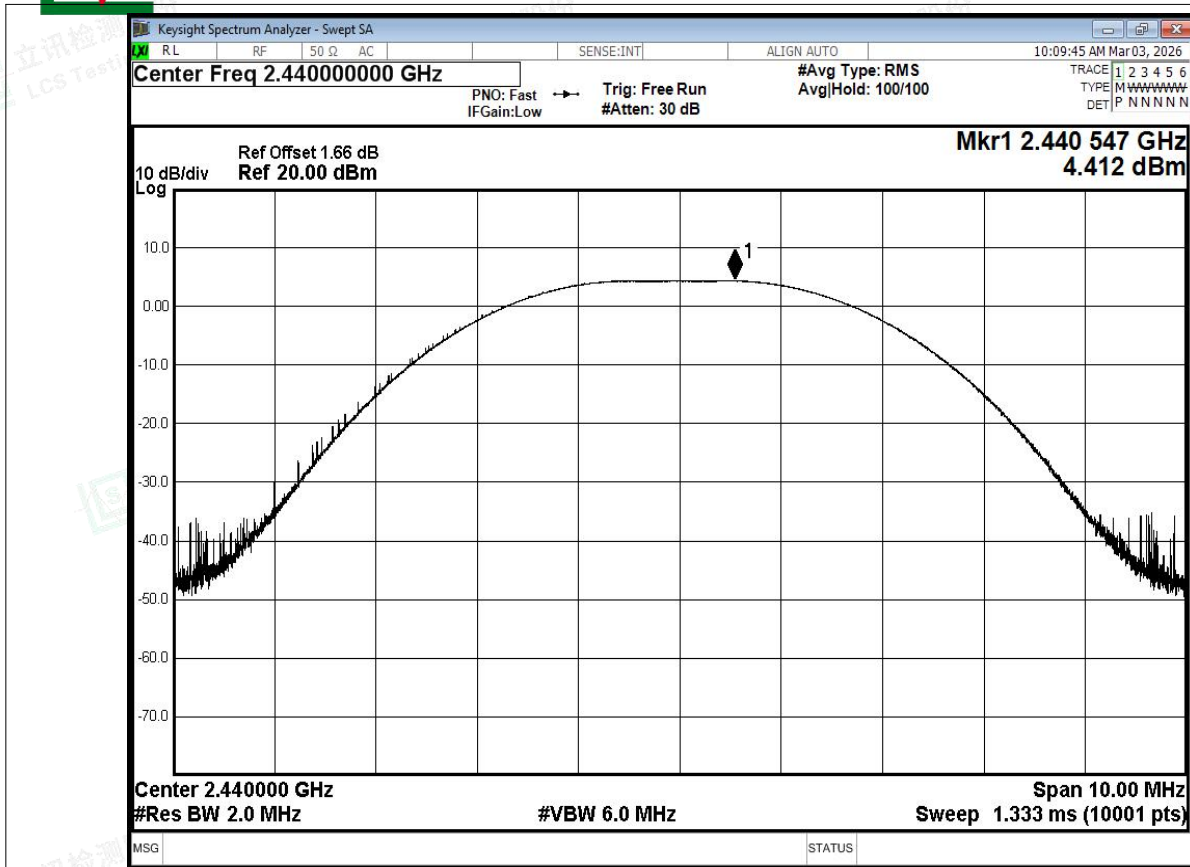


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Peak Power NVNT BLE 2M 2440MHz Ant1

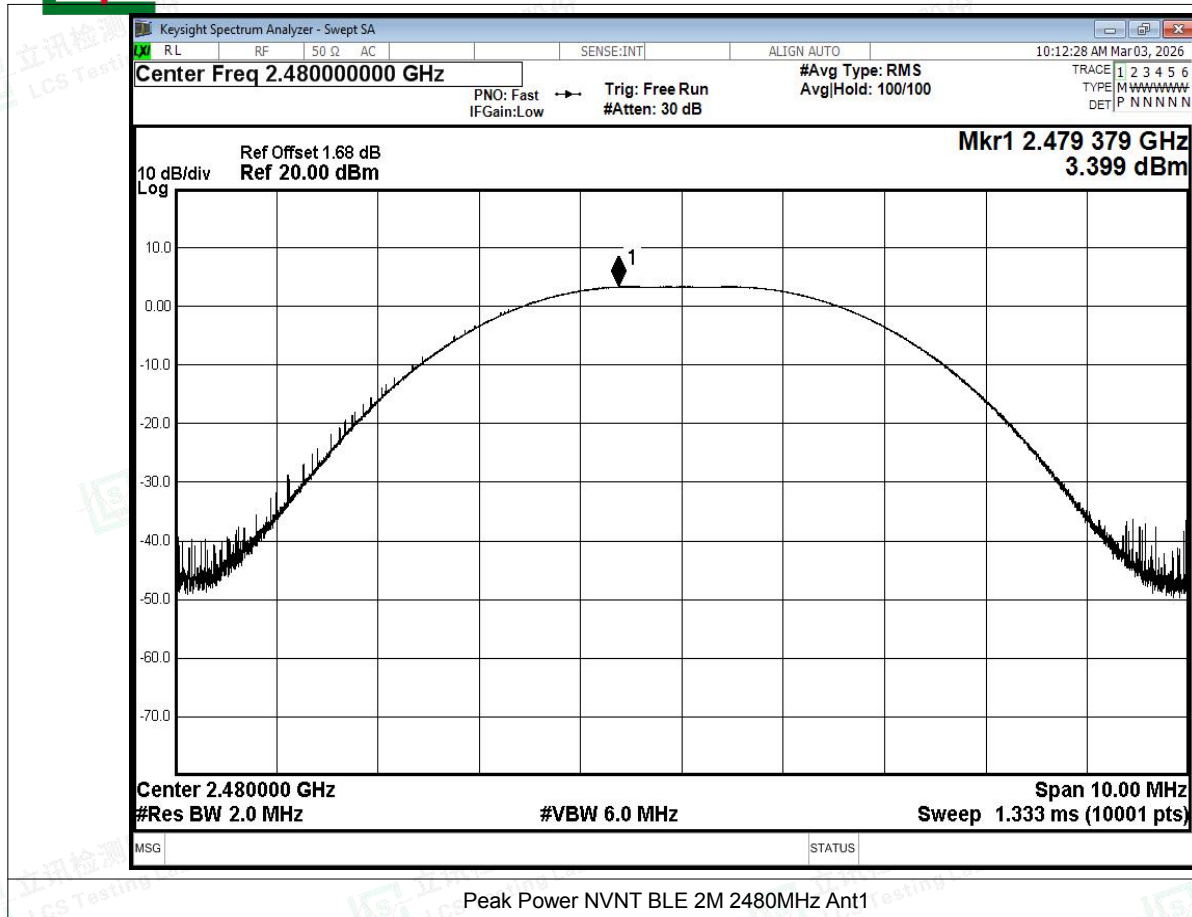


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B.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-14.63	8	Pass
NVNT	BLE 1M	2440	Ant1	-11.89	8	Pass
NVNT	BLE 1M	2480	Ant1	-12.82	8	Pass
NVNT	BLE 2M	2402	Ant1	-17.58	8	Pass
NVNT	BLE 2M	2440	Ant1	-14.81	8	Pass
NVNT	BLE 2M	2480	Ant1	-16.24	8	Pass

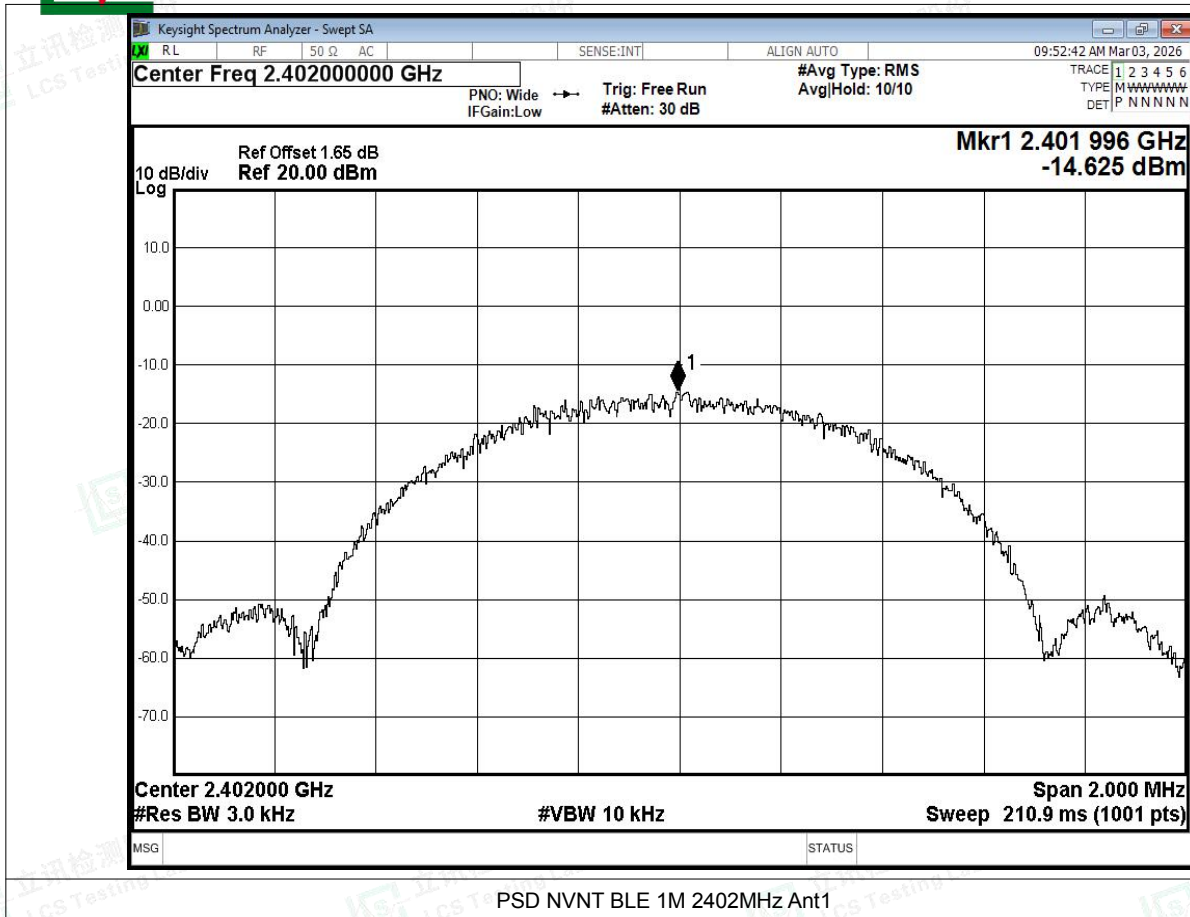


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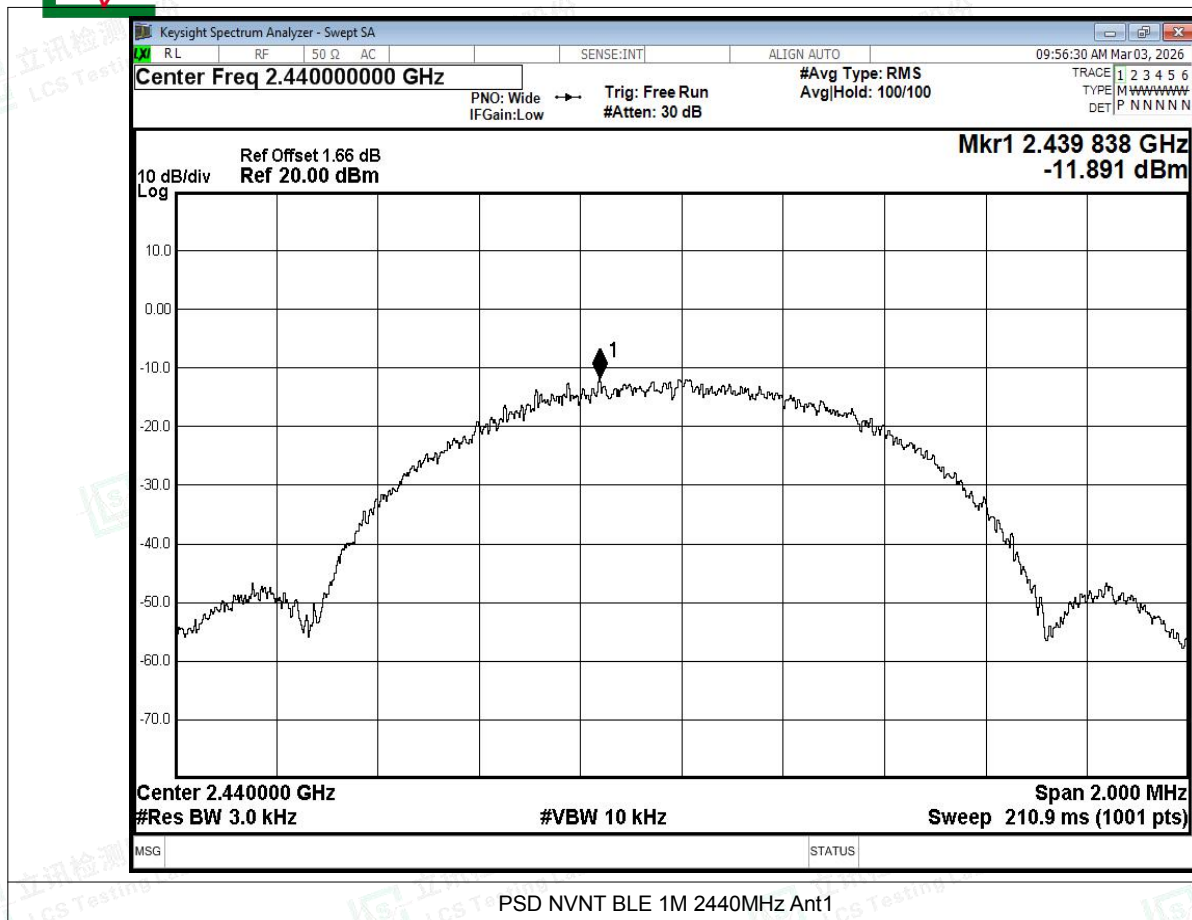


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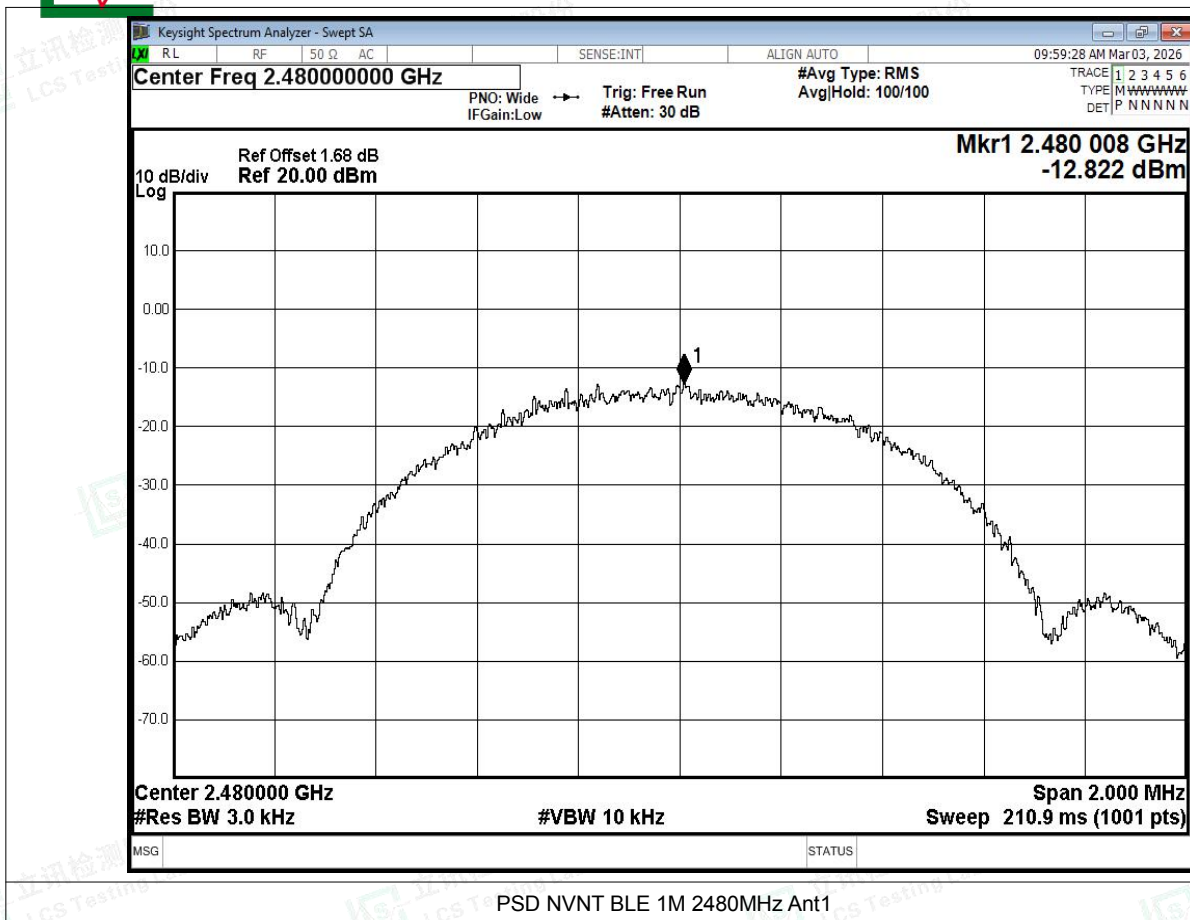


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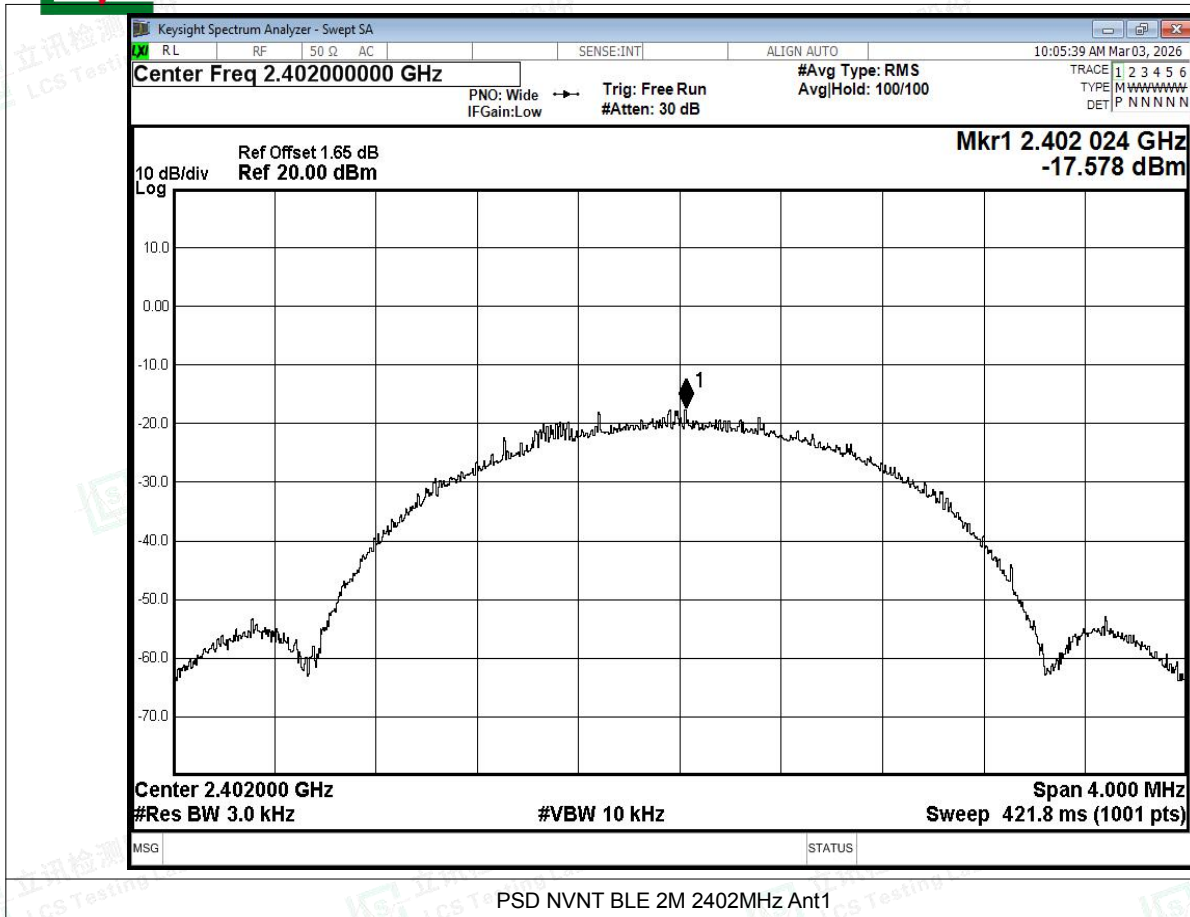


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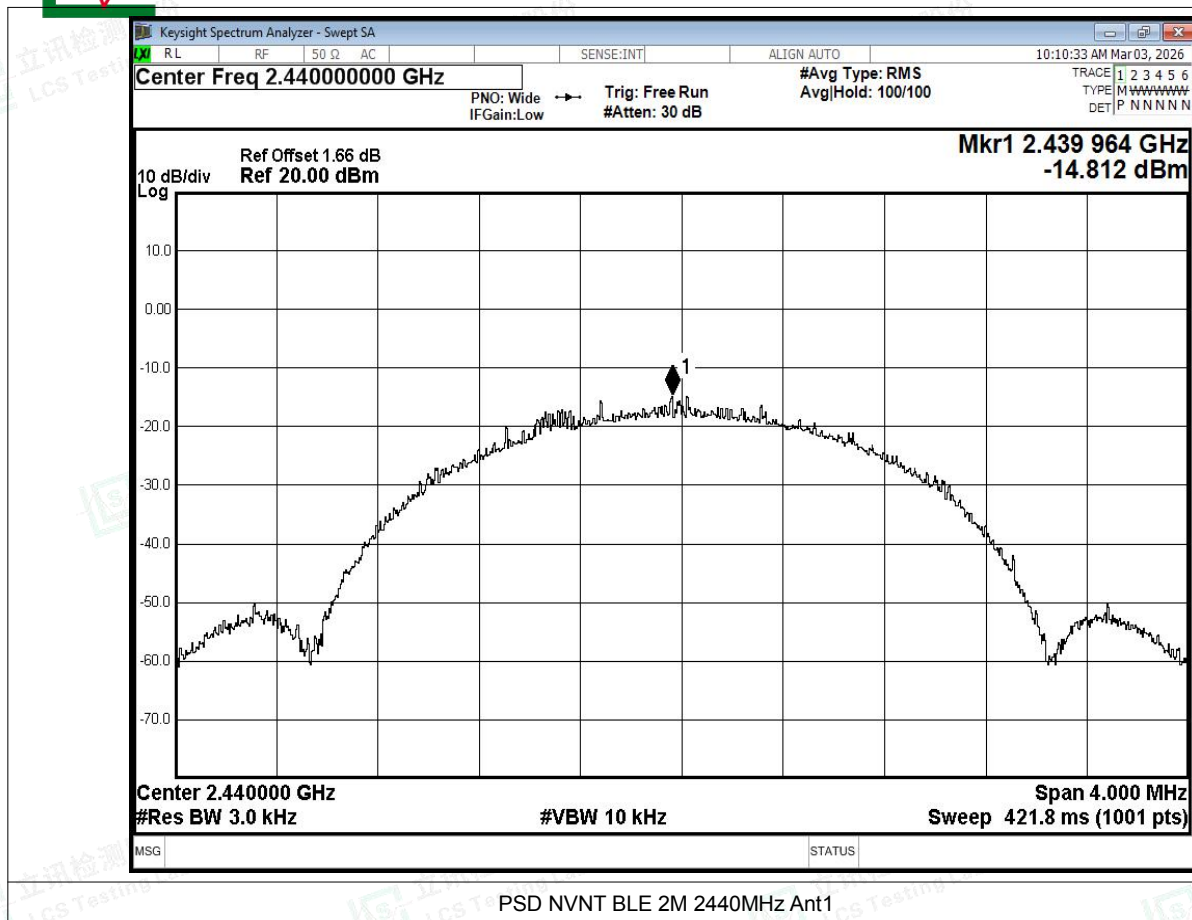


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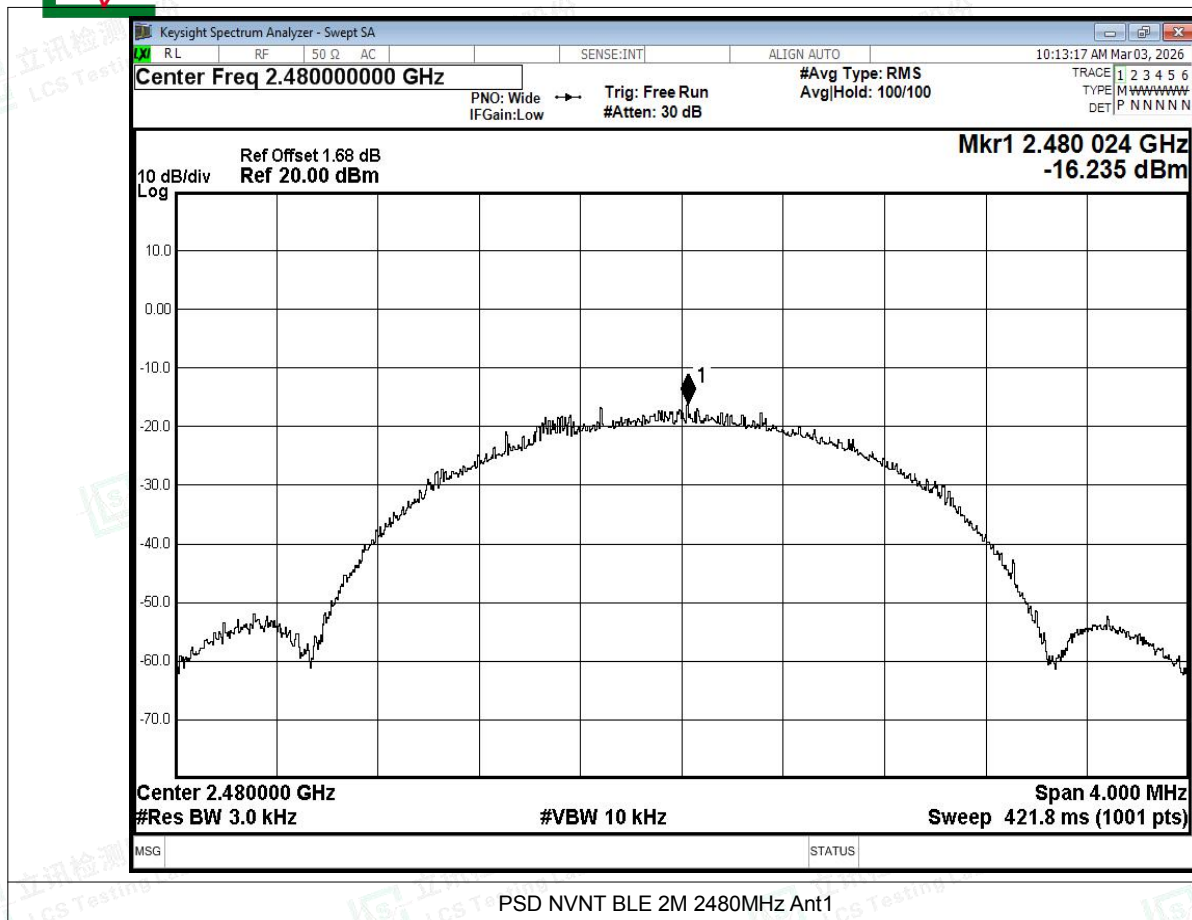


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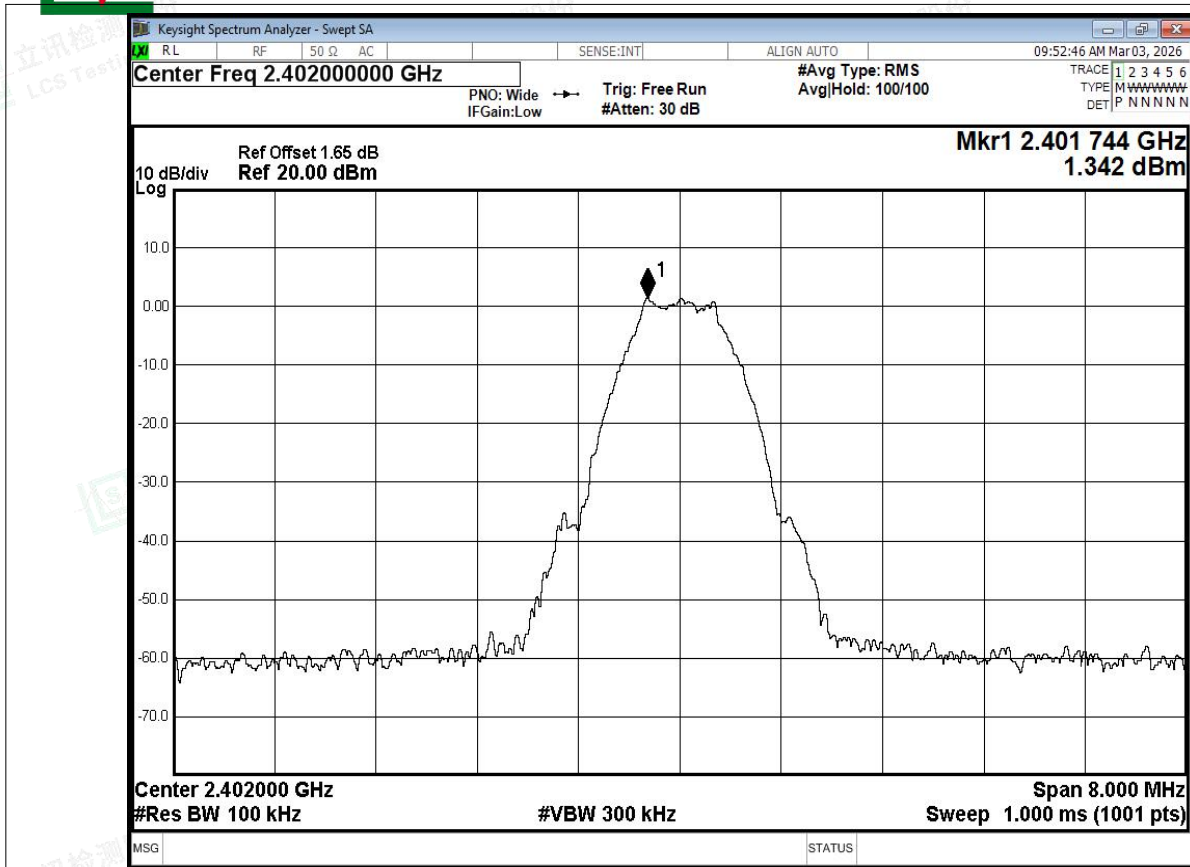
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B.4 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-58.69	-20	Pass
NVNT	BLE 1M	2480	Ant1	-60.04	-20	Pass
NVNT	BLE 2M	2402	Ant1	-43.87	-20	Pass
NVNT	BLE 2M	2480	Ant1	-60.71	-20	Pass





Band Edge NVNT BLE 1M 2402MHz Ant1 Ref

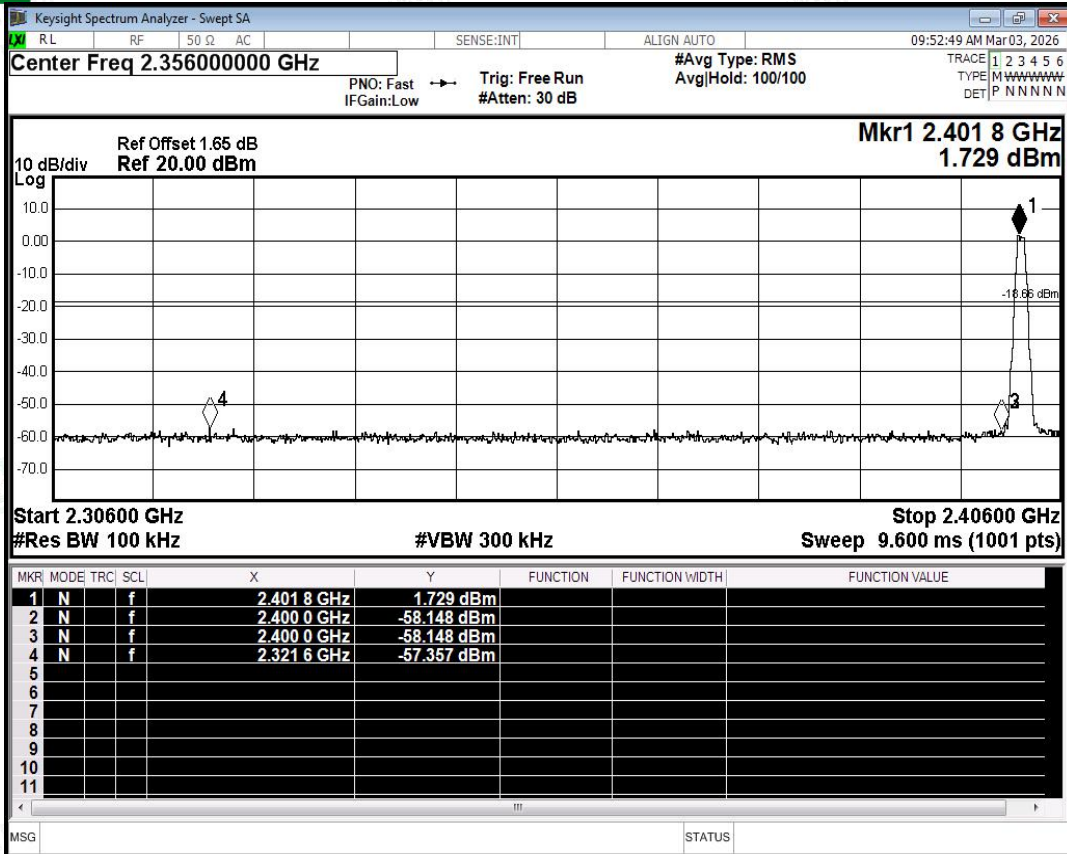


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Band Edge NVNT BLE 1M 2402MHz Ant1 Emission

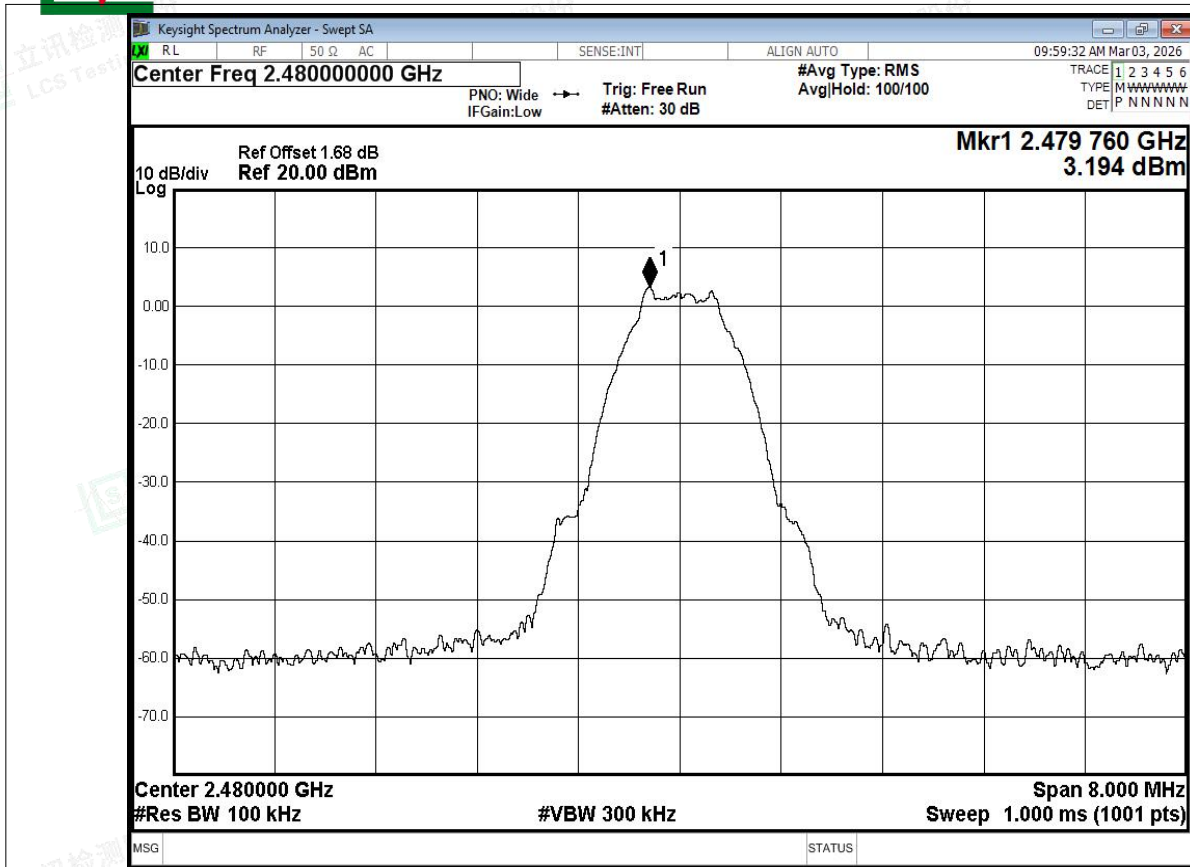


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Band Edge NVNT BLE 1M 2480MHz Ant1 Ref

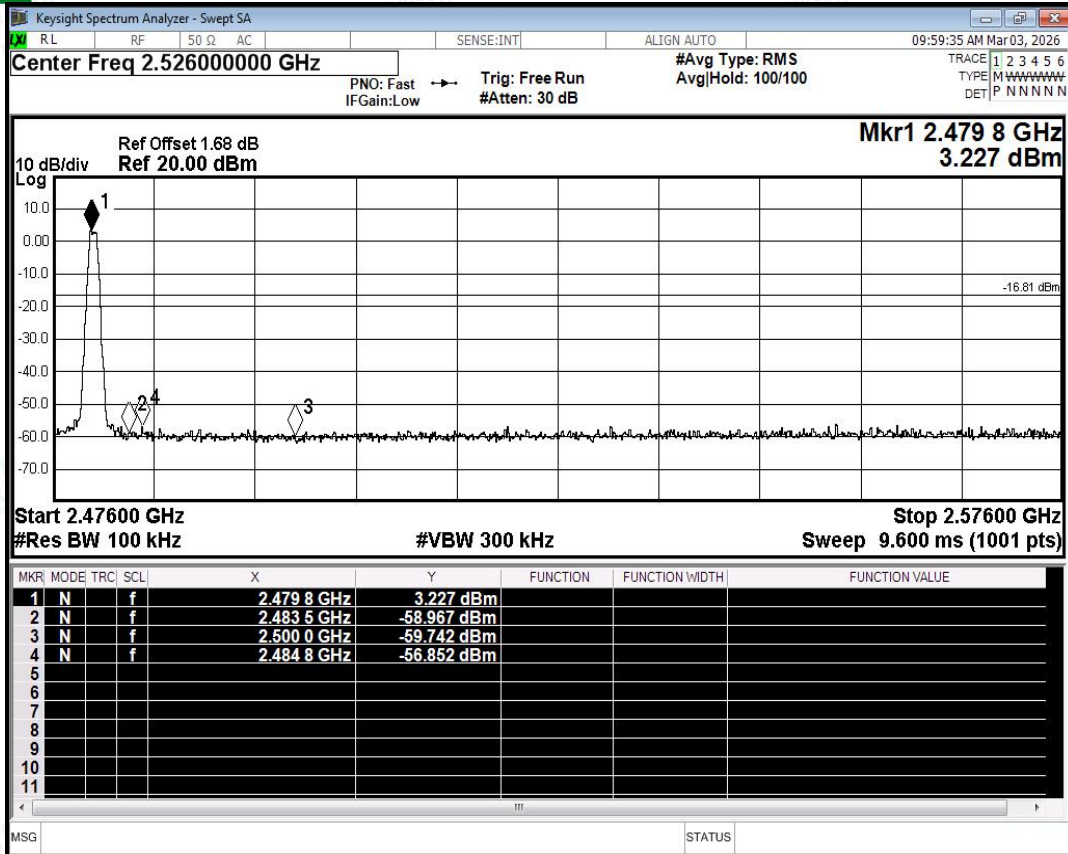


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Band Edge NVNT BLE 1M 2480MHz Ant1 Emission

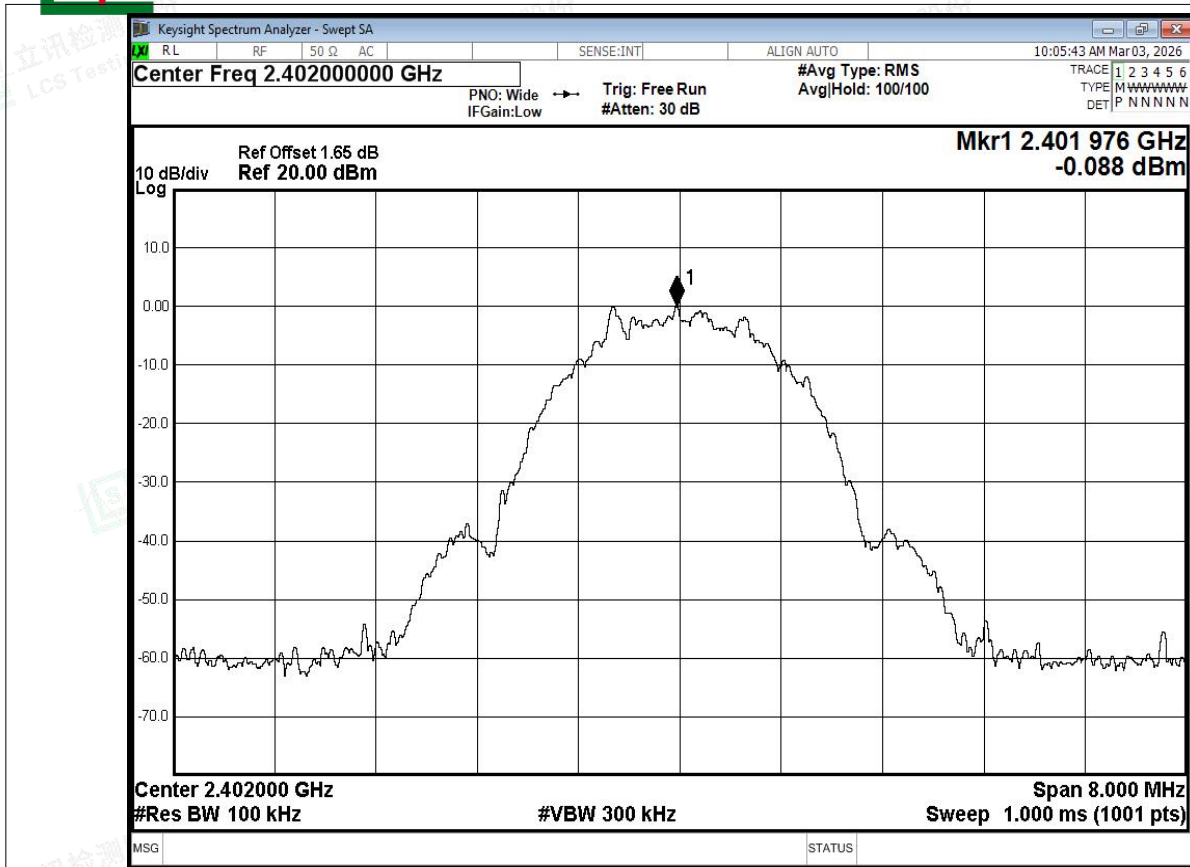


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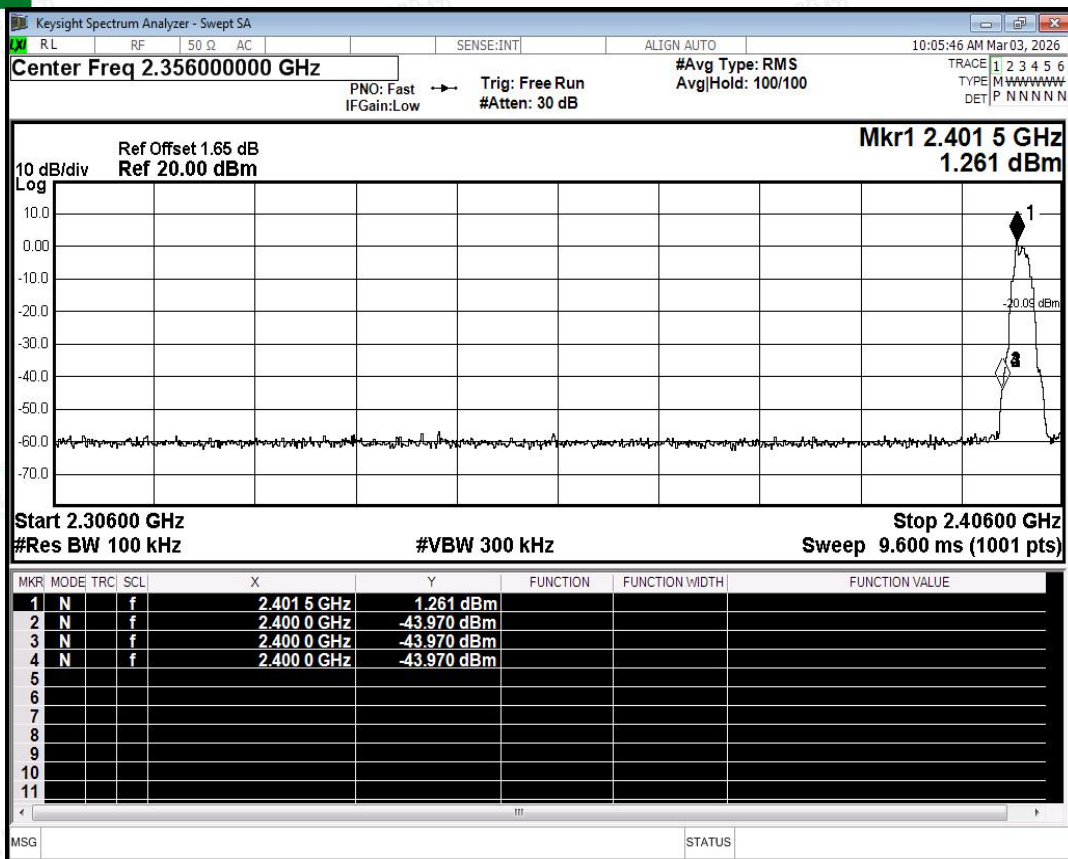


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