

Appendix: Bluetooth LE

Contents

Contents 2

Duty Cycle 3

Maximum Peak Conducted Output Power 7

-6dB Bandwidth 11

Occupied Channel Bandwidth 15

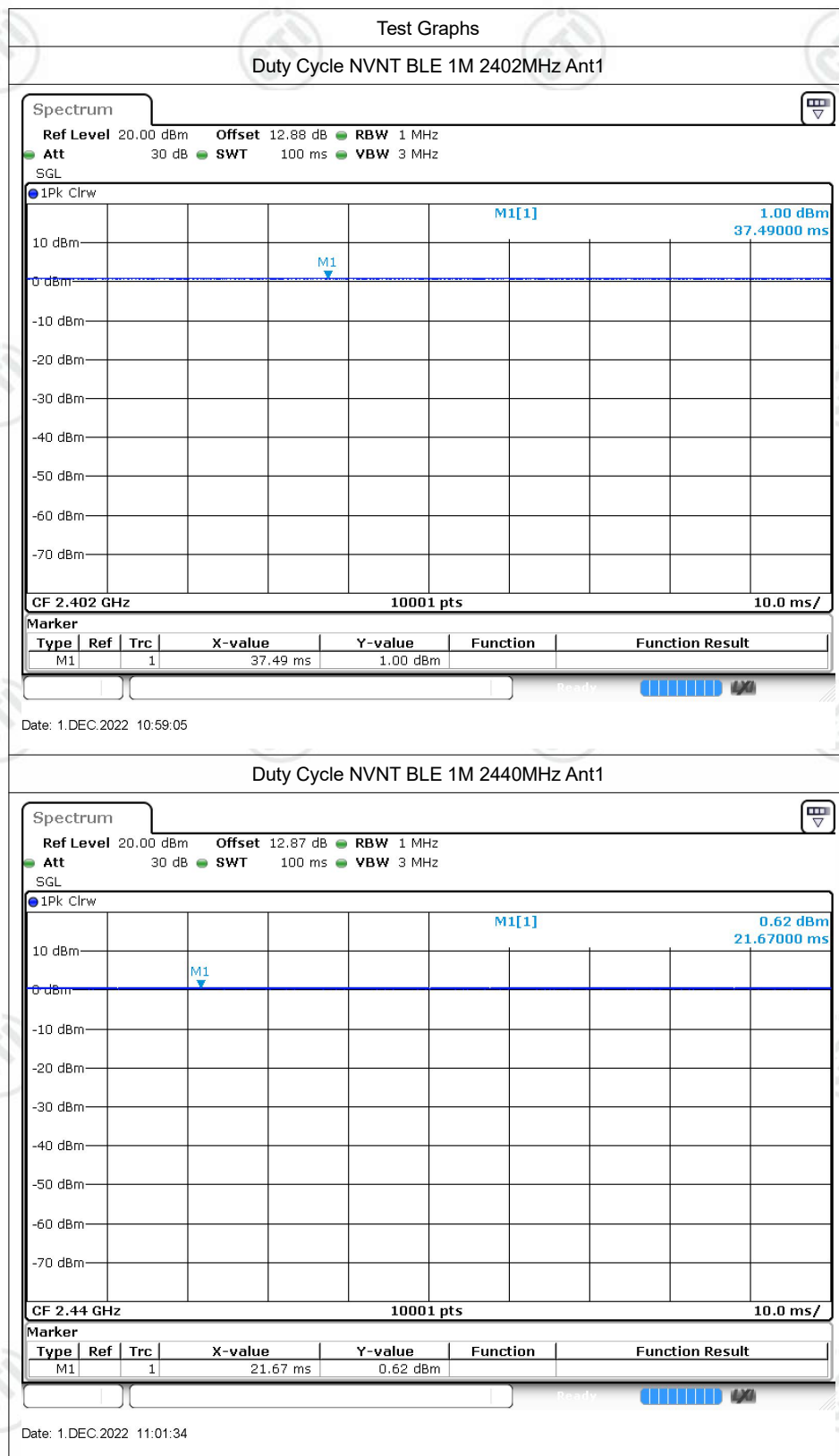
Maximum Power Spectral Density Level 19

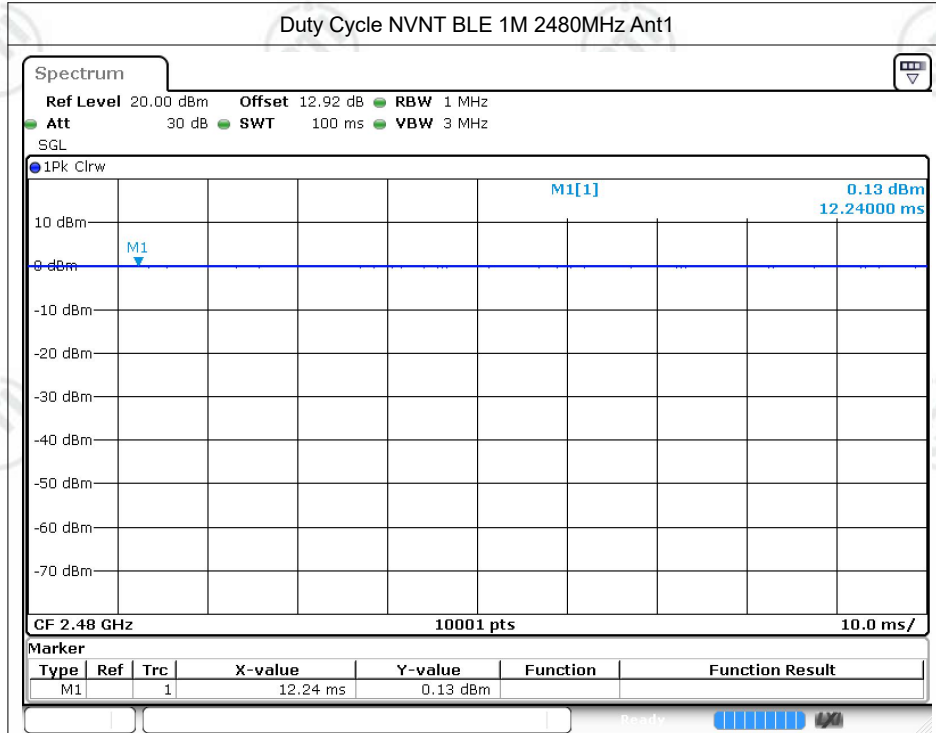
Band Edge 23

Conducted RF Spurious Emission 28

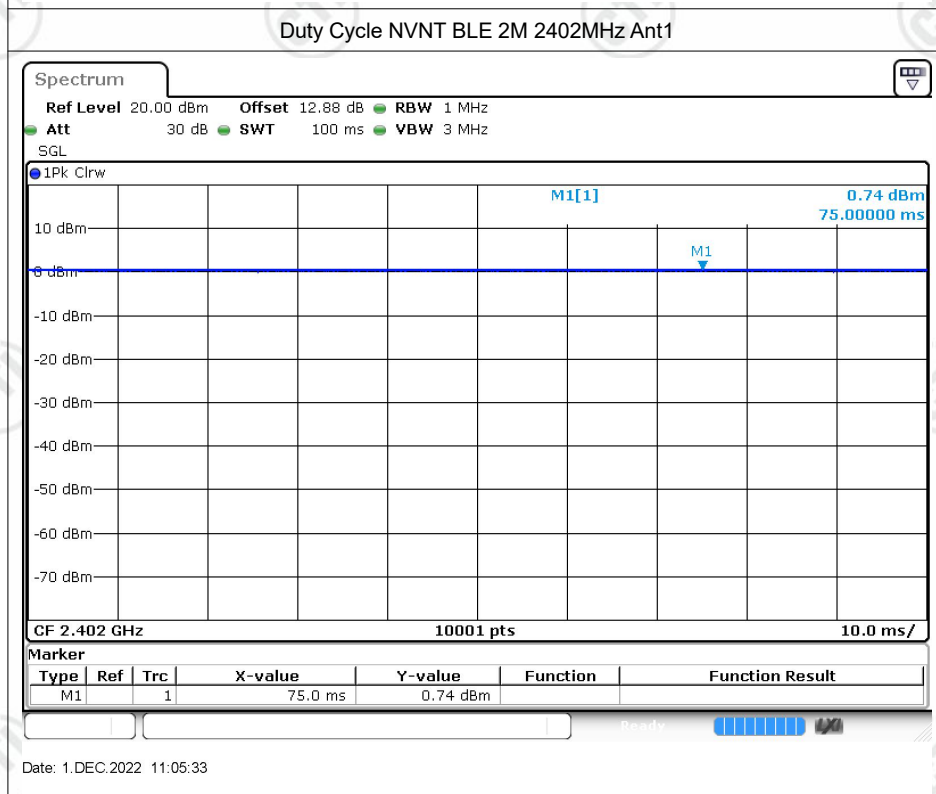
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	100	0	0
NVNT	BLE 1M	2440	Ant1	100	0	0
NVNT	BLE 1M	2480	Ant1	100	0	0
NVNT	BLE 2M	2402	Ant1	100	0	0
NVNT	BLE 2M	2440	Ant1	100	0	0
NVNT	BLE 2M	2480	Ant1	100	0	0

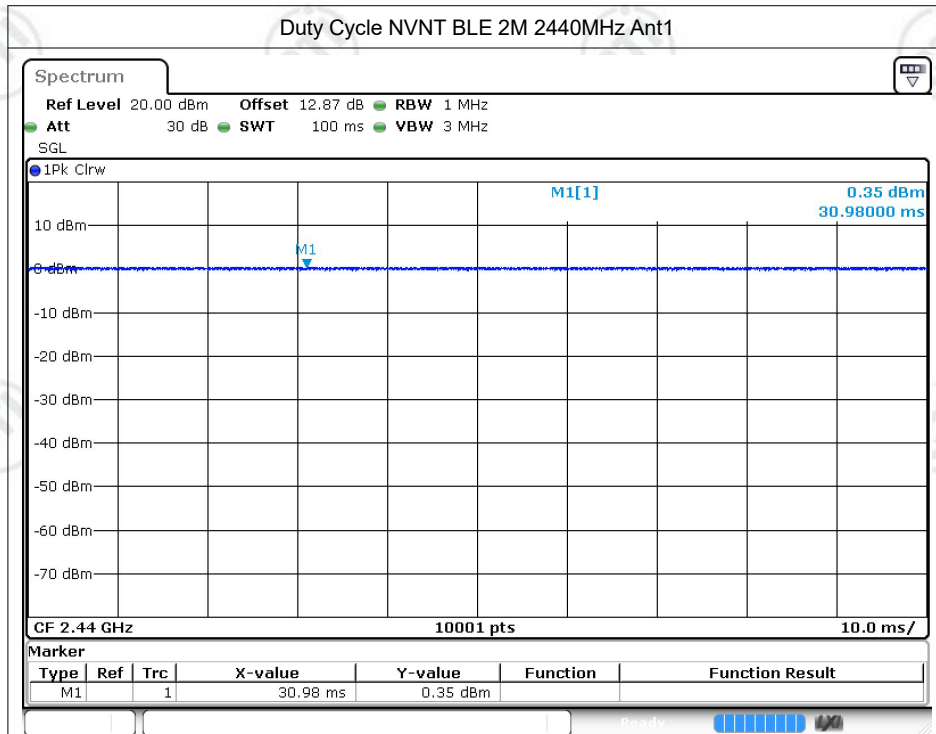




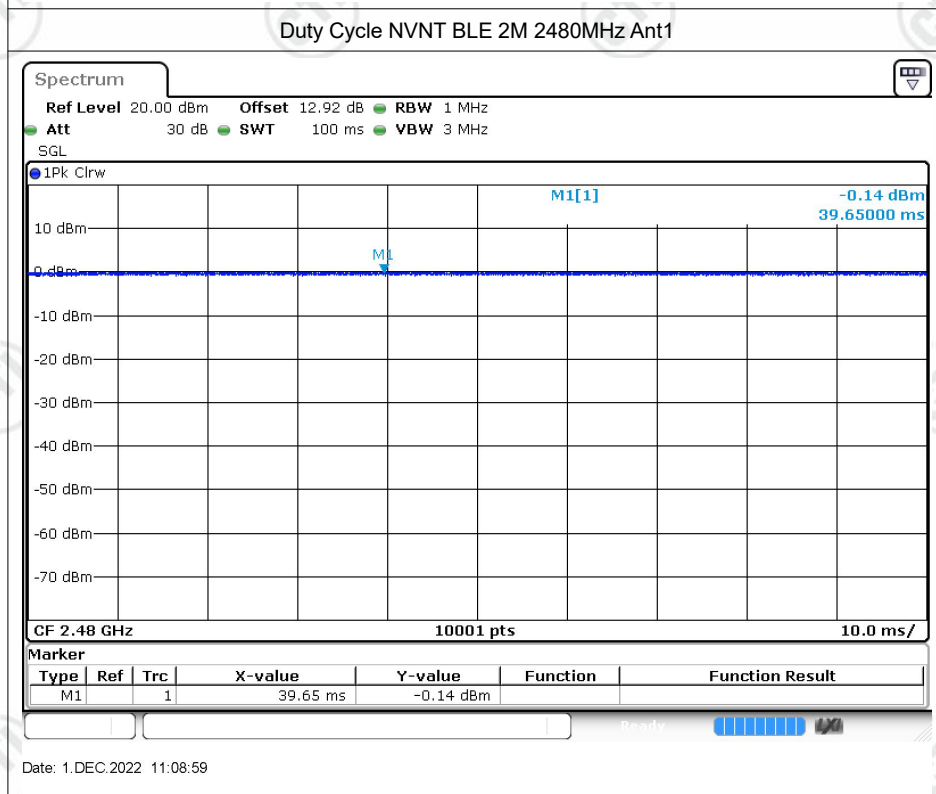
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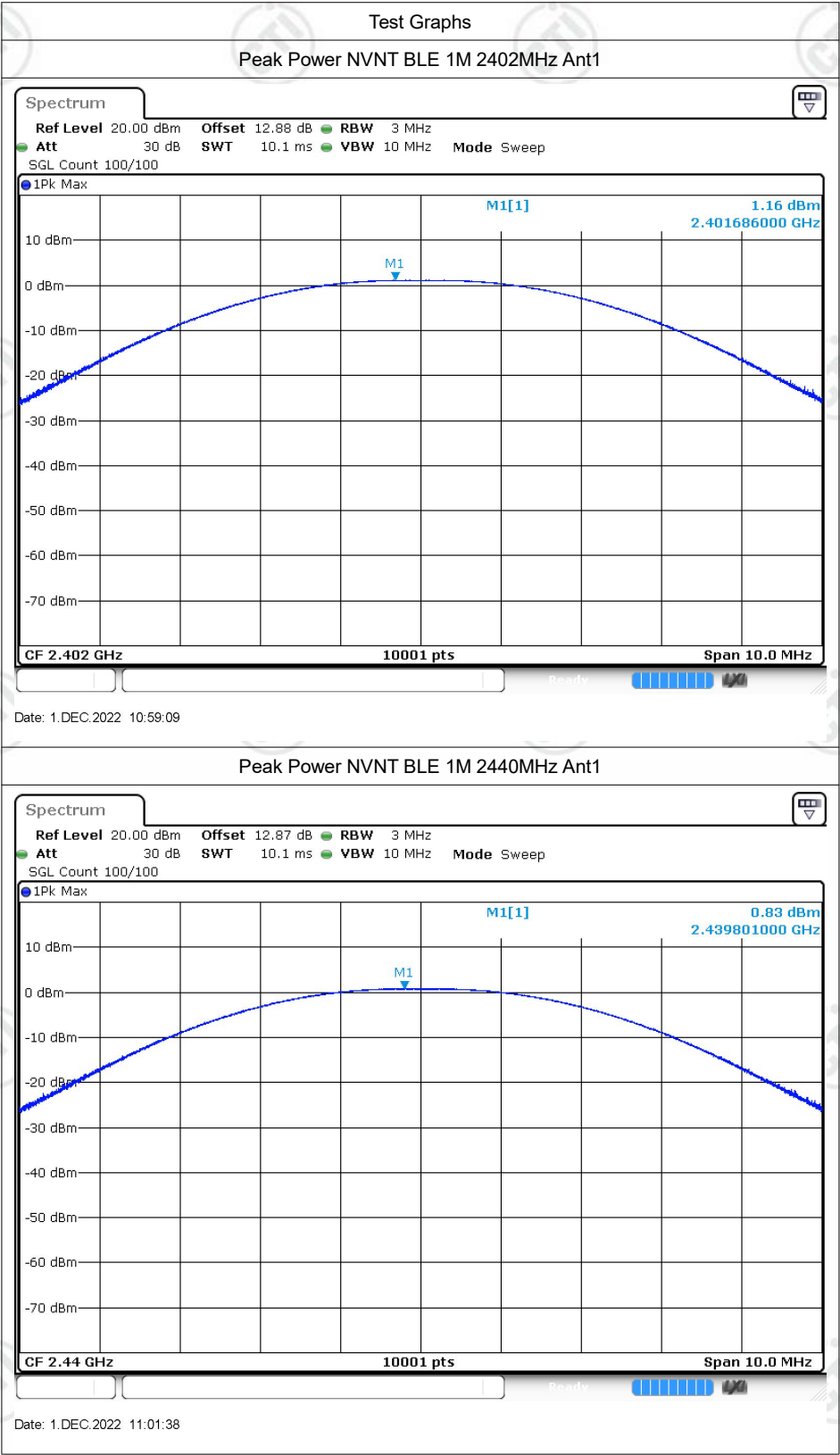
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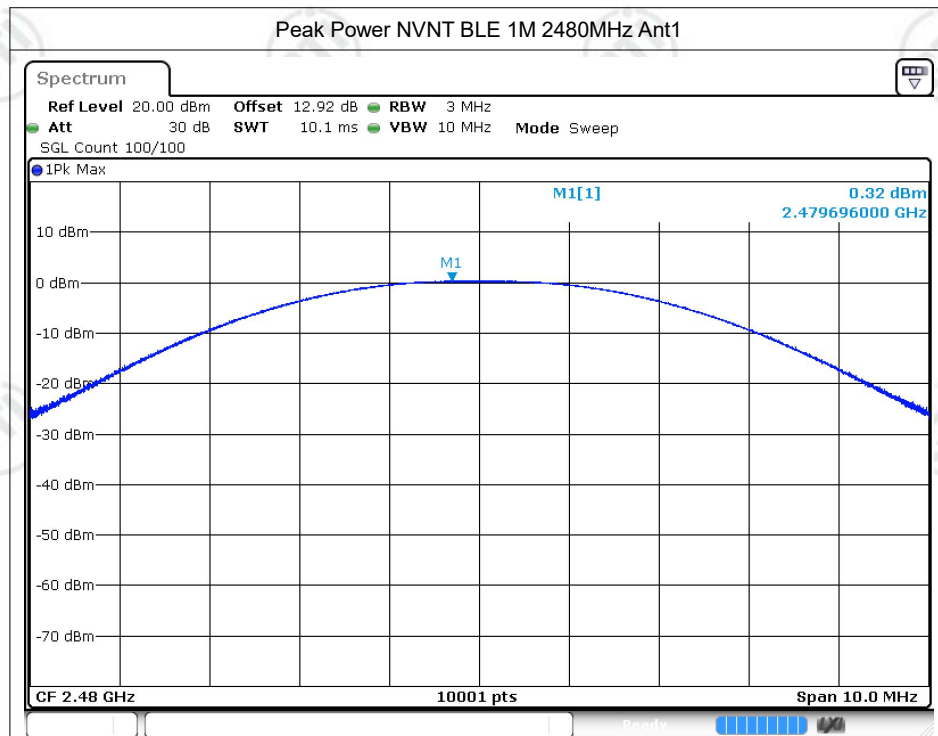


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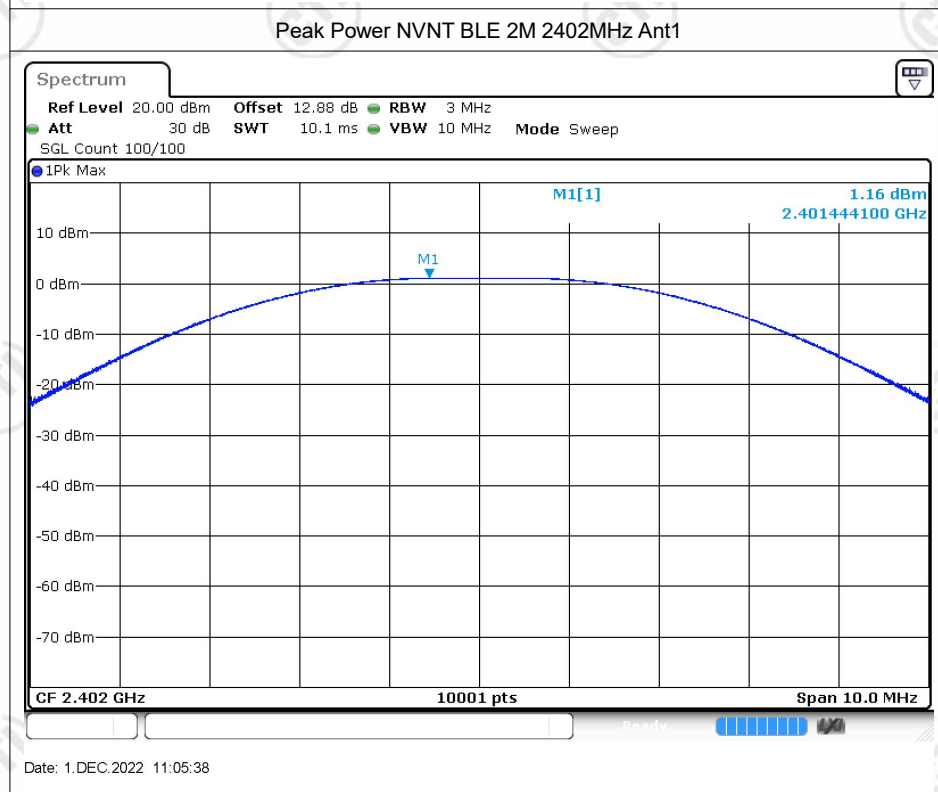
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	1.16	0	1.16	30	Pass
NVNT	BLE 1M	2440	Ant1	0.83	0	0.83	30	Pass
NVNT	BLE 1M	2480	Ant1	0.32	0	0.32	30	Pass
NVNT	BLE 2M	2402	Ant1	1.16	0	1.16	30	Pass
NVNT	BLE 2M	2440	Ant1	0.81	0	0.81	30	Pass
NVNT	BLE 2M	2480	Ant1	0.31	0	0.31	30	Pass

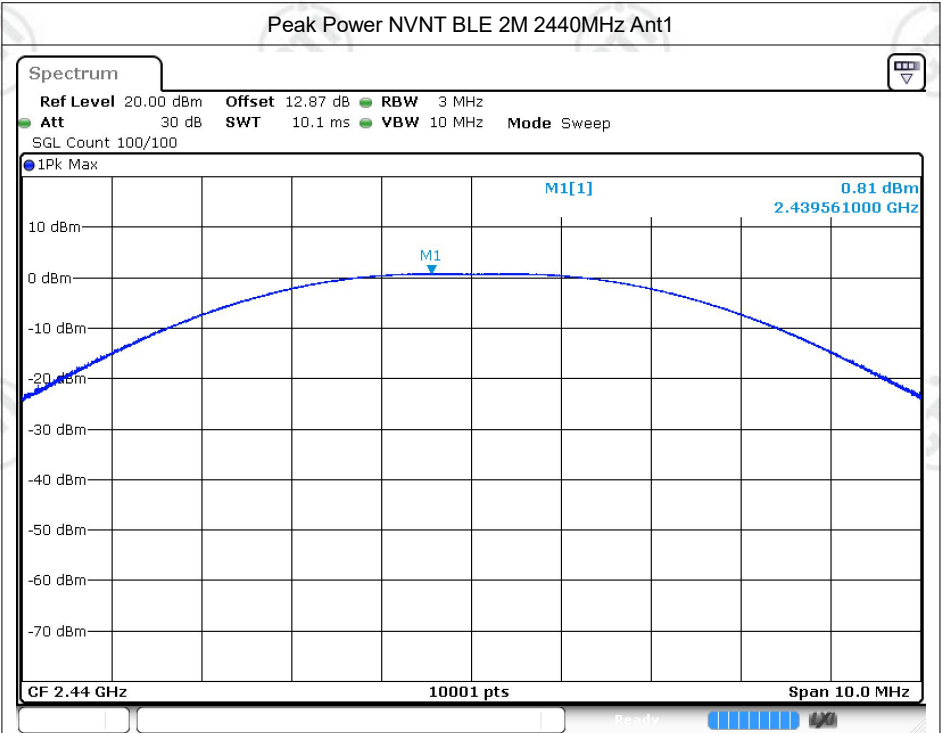




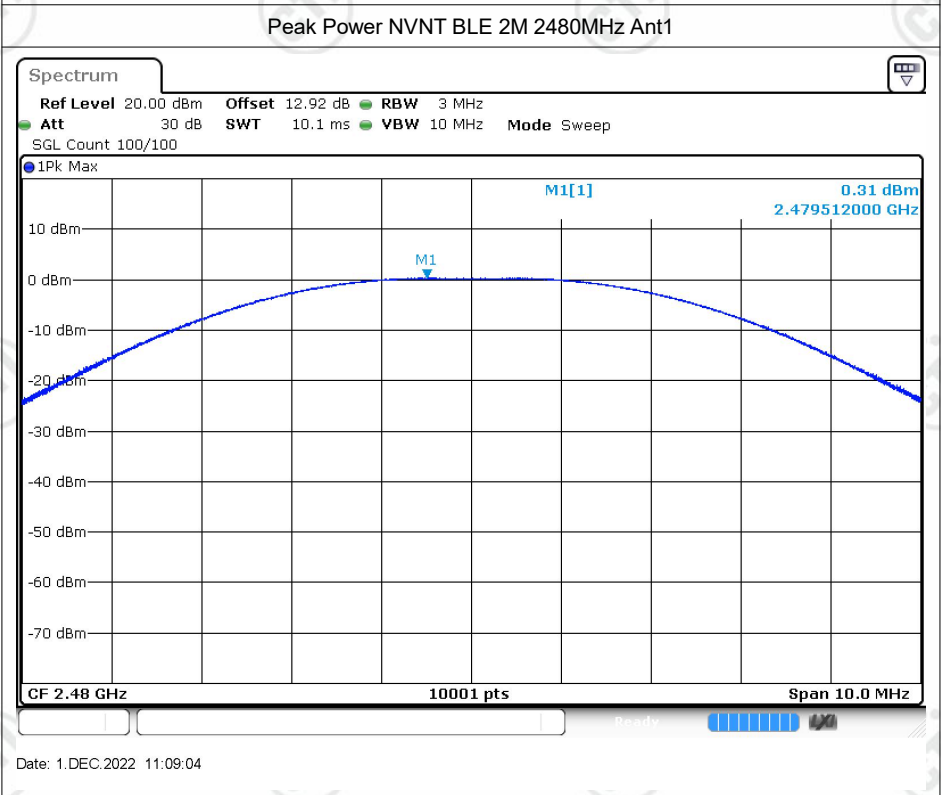
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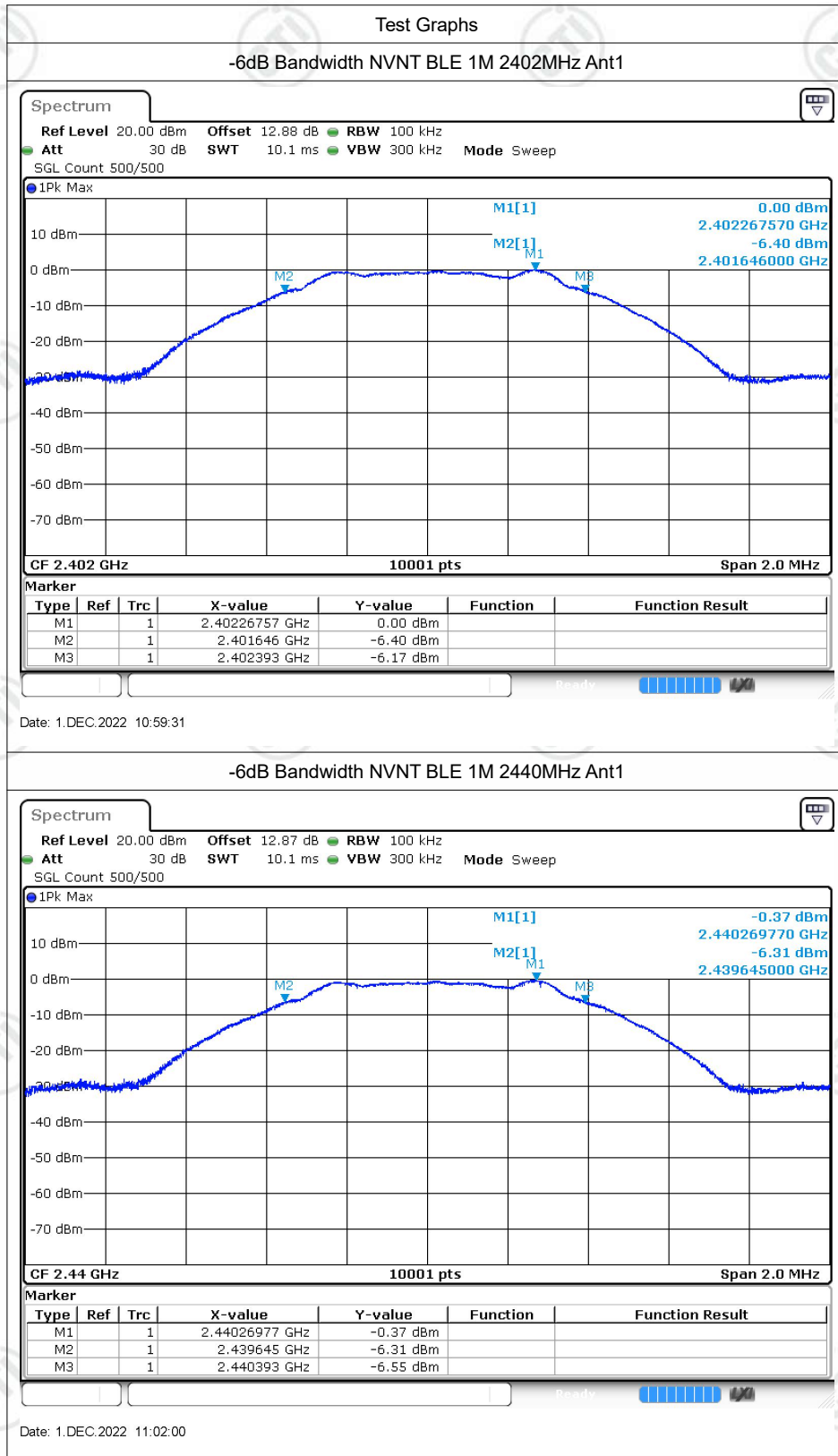
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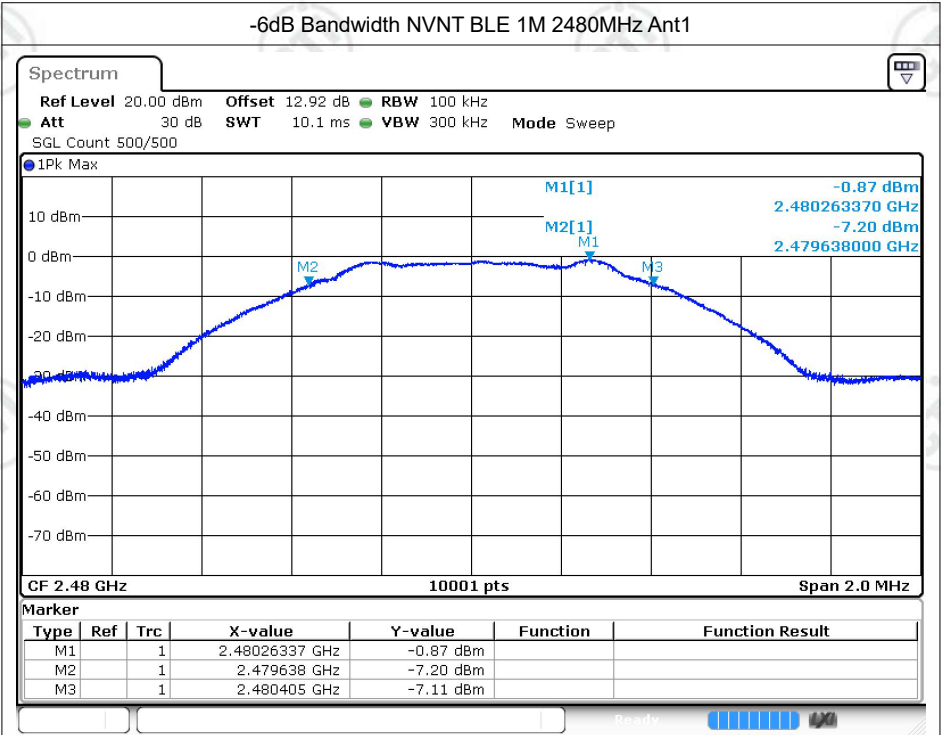


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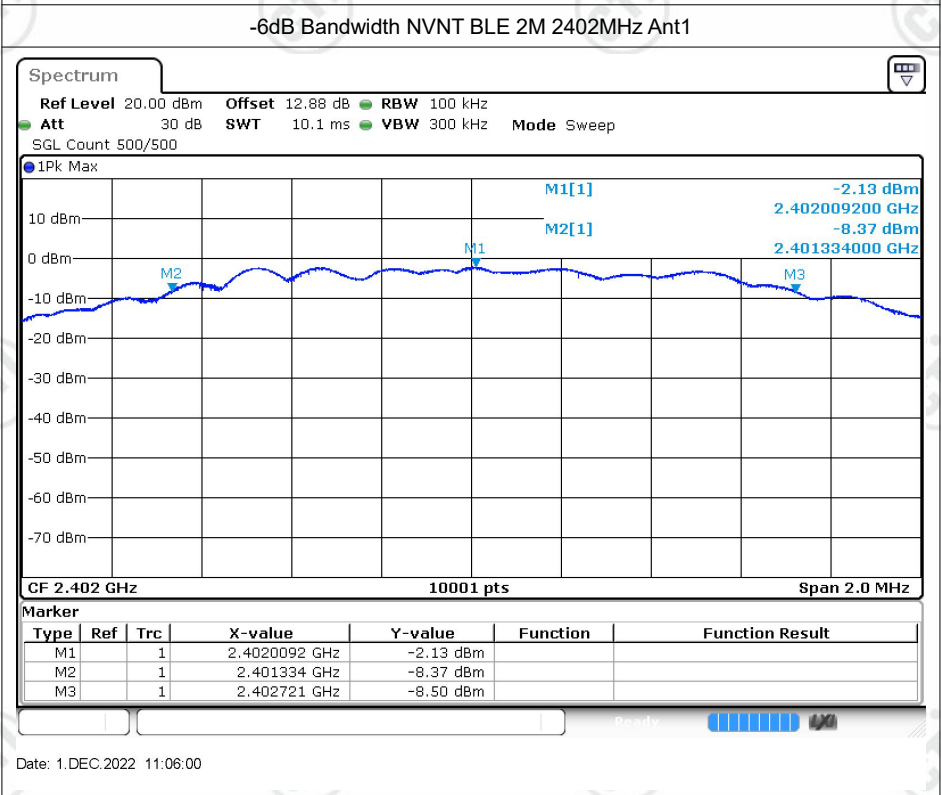
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.746	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.748	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.766	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.387	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.384	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.387	0.5	Pass

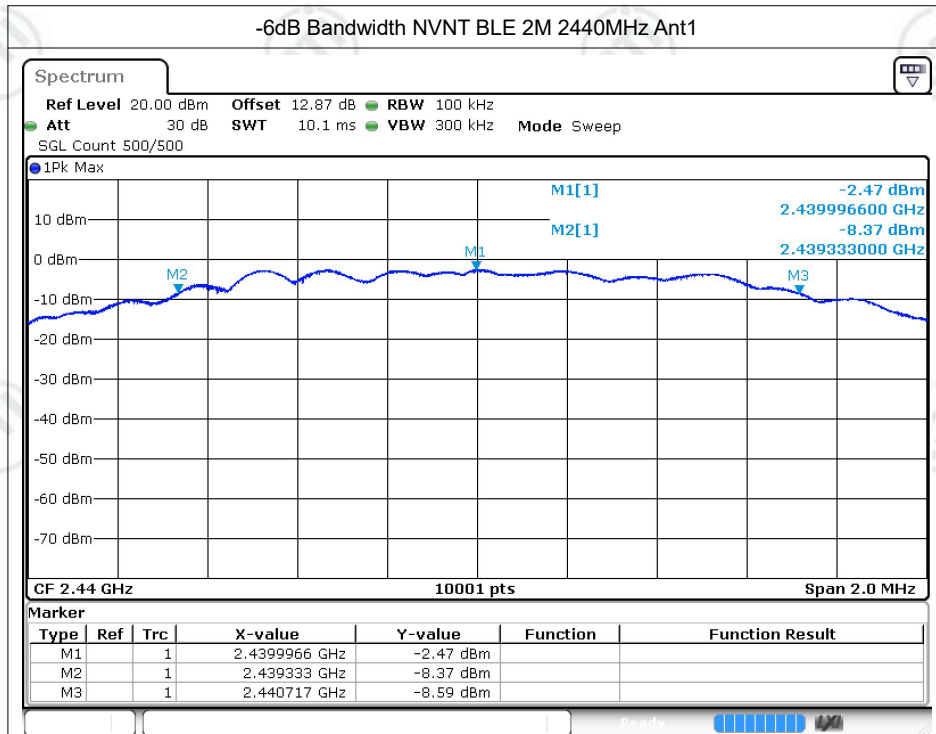




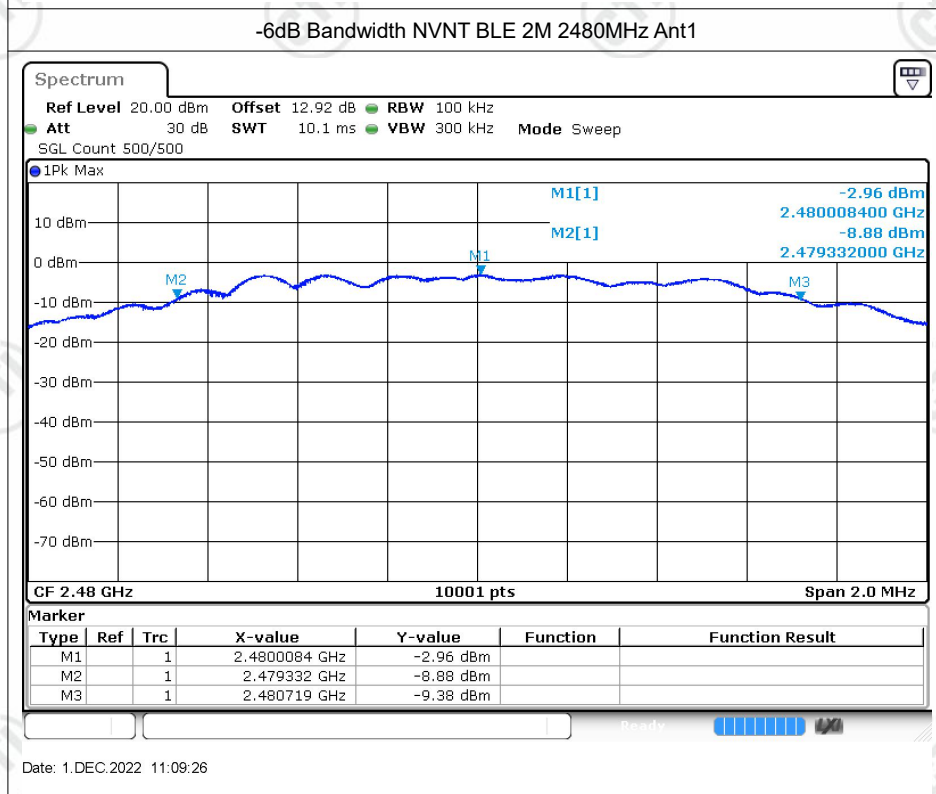
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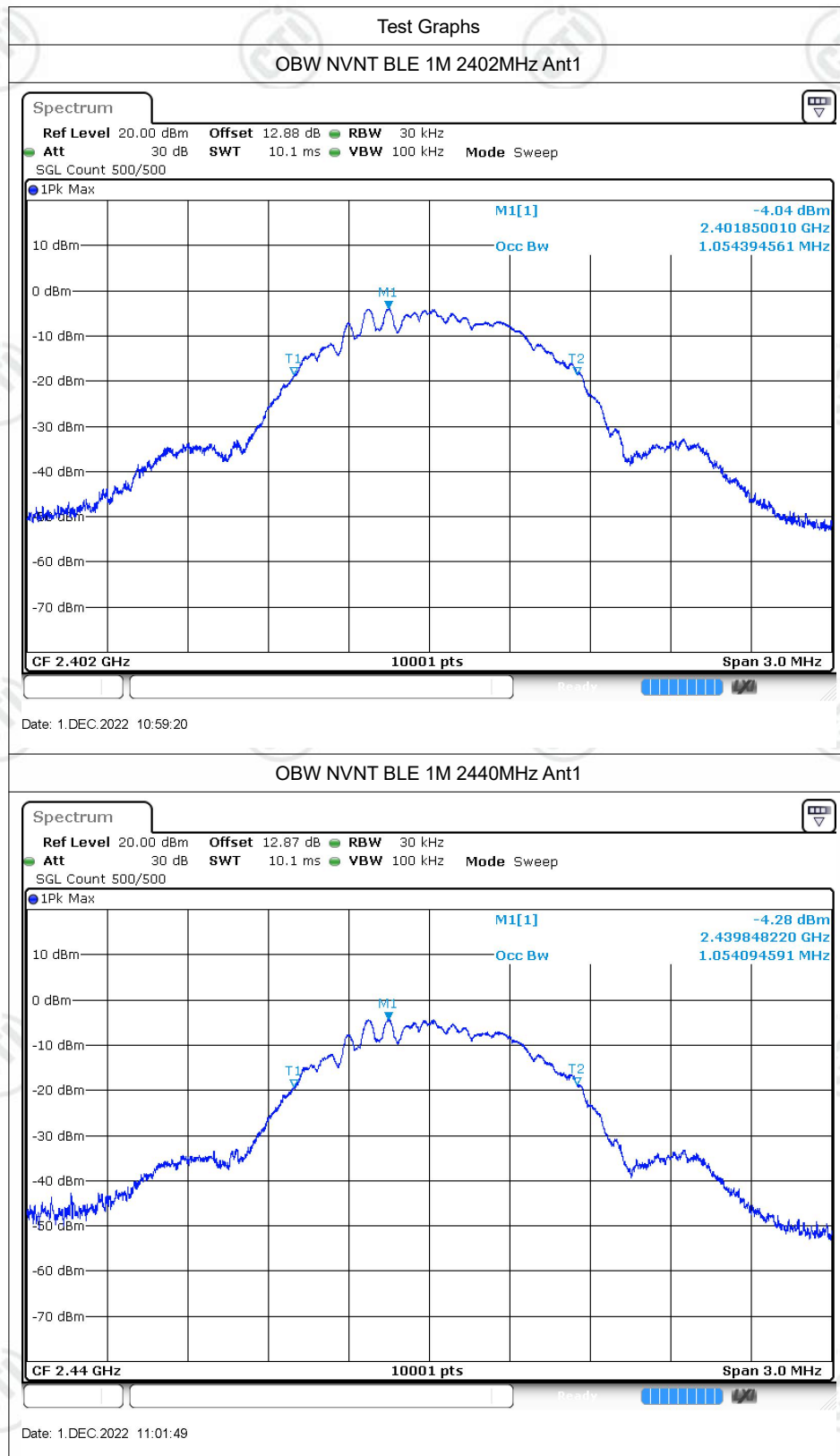
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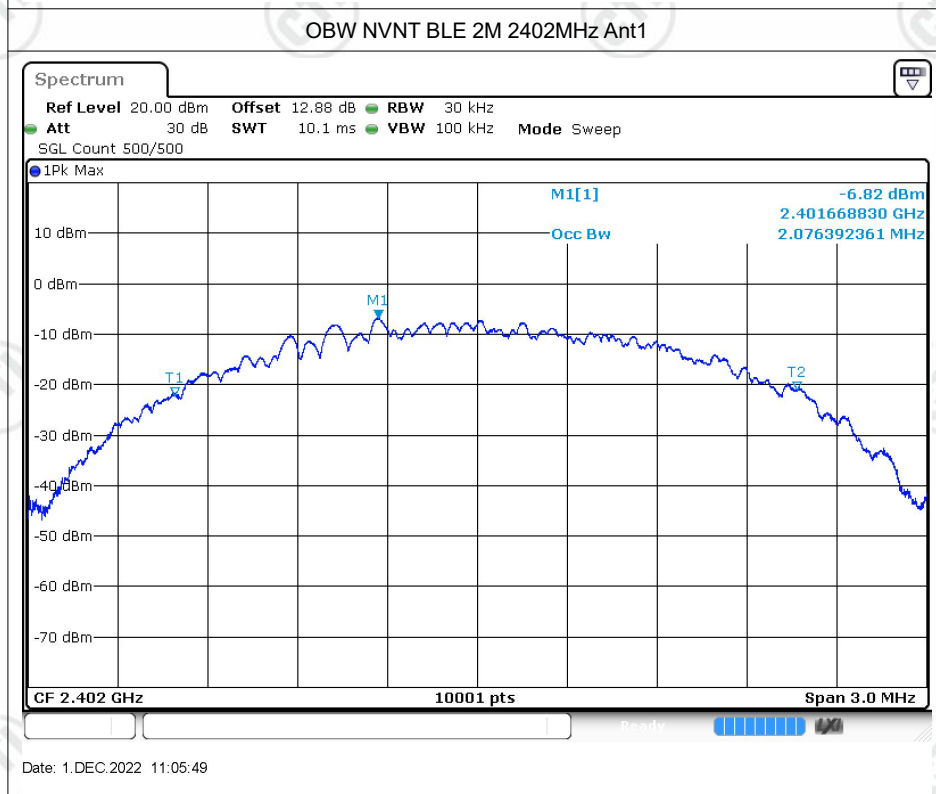
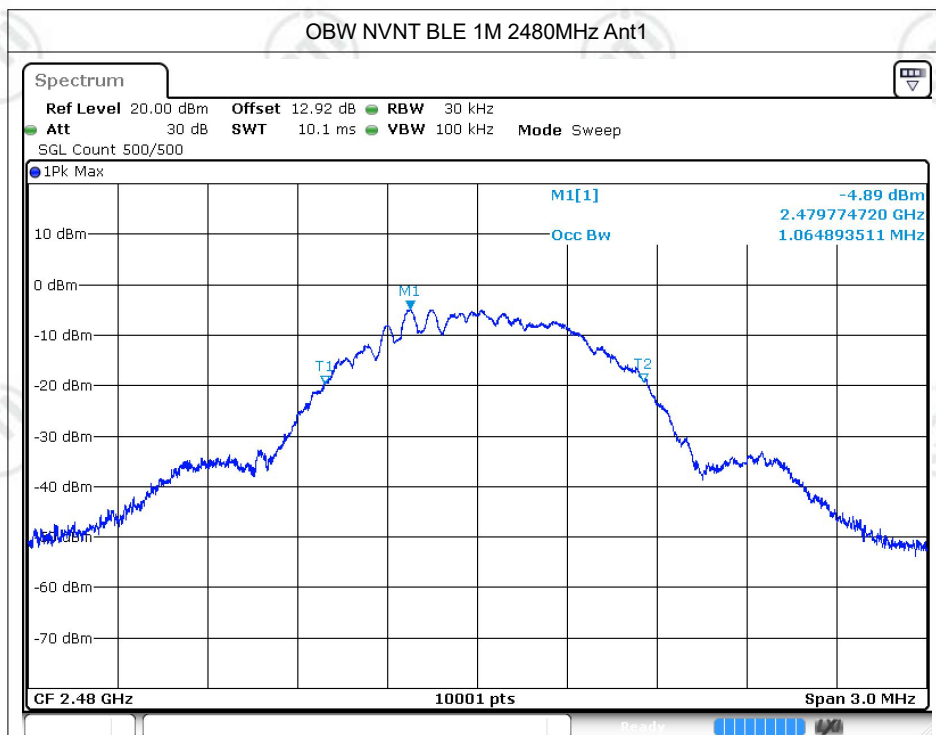


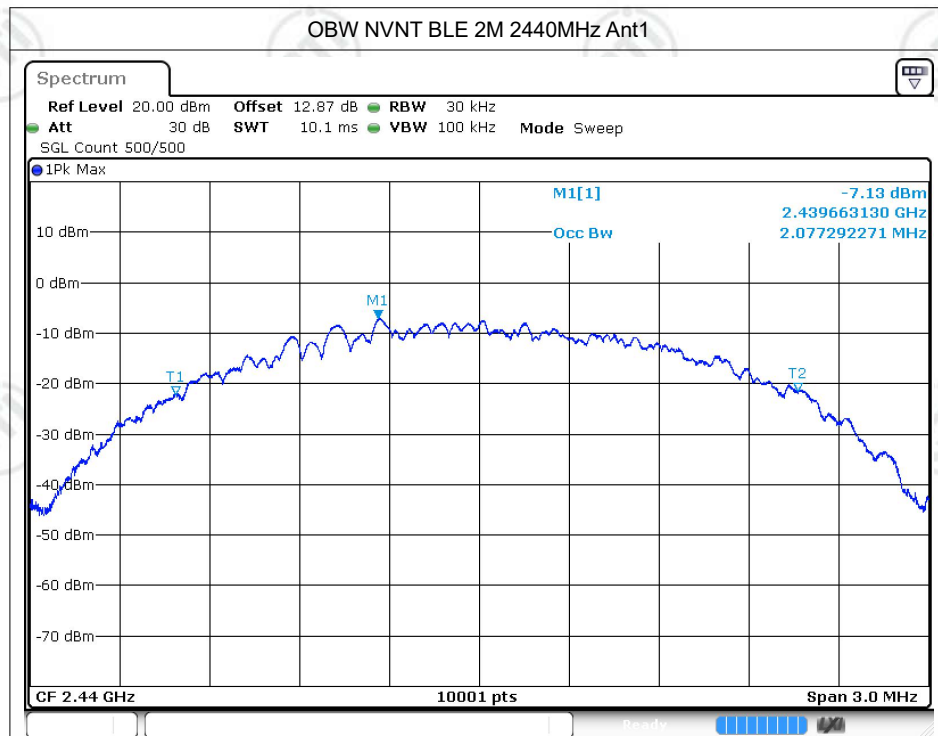
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Occupied Channel Bandwidth

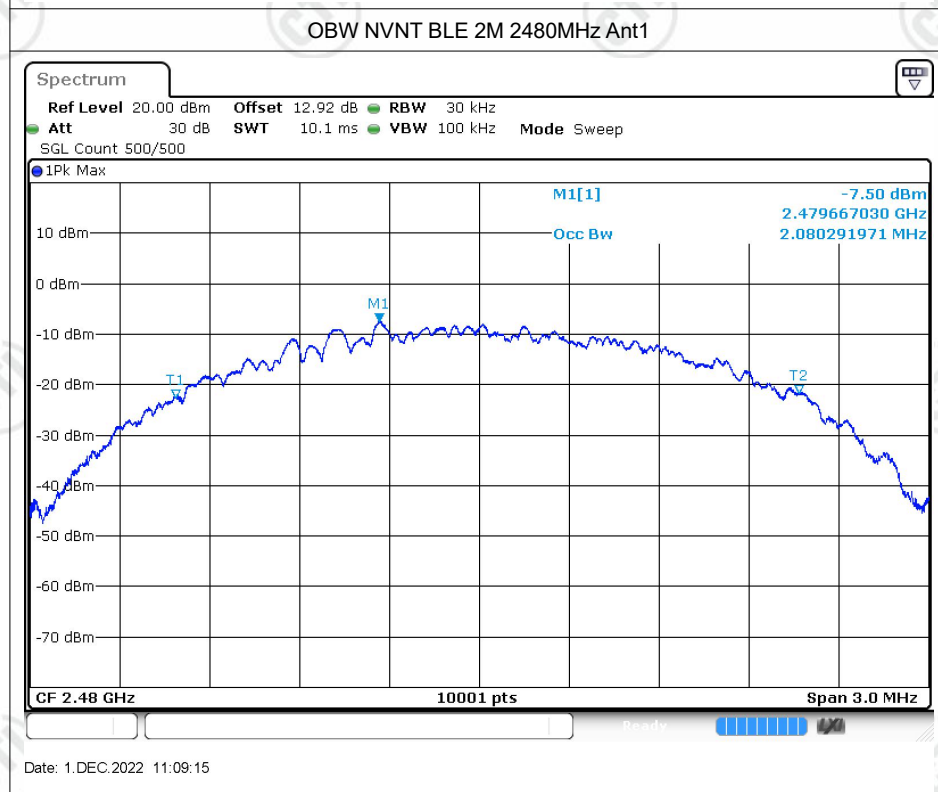
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.054
NVNT	BLE 1M	2440	Ant1	1.054
NVNT	BLE 1M	2480	Ant1	1.065
NVNT	BLE 2M	2402	Ant1	2.076
NVNT	BLE 2M	2440	Ant1	2.077
NVNT	BLE 2M	2480	Ant1	2.08







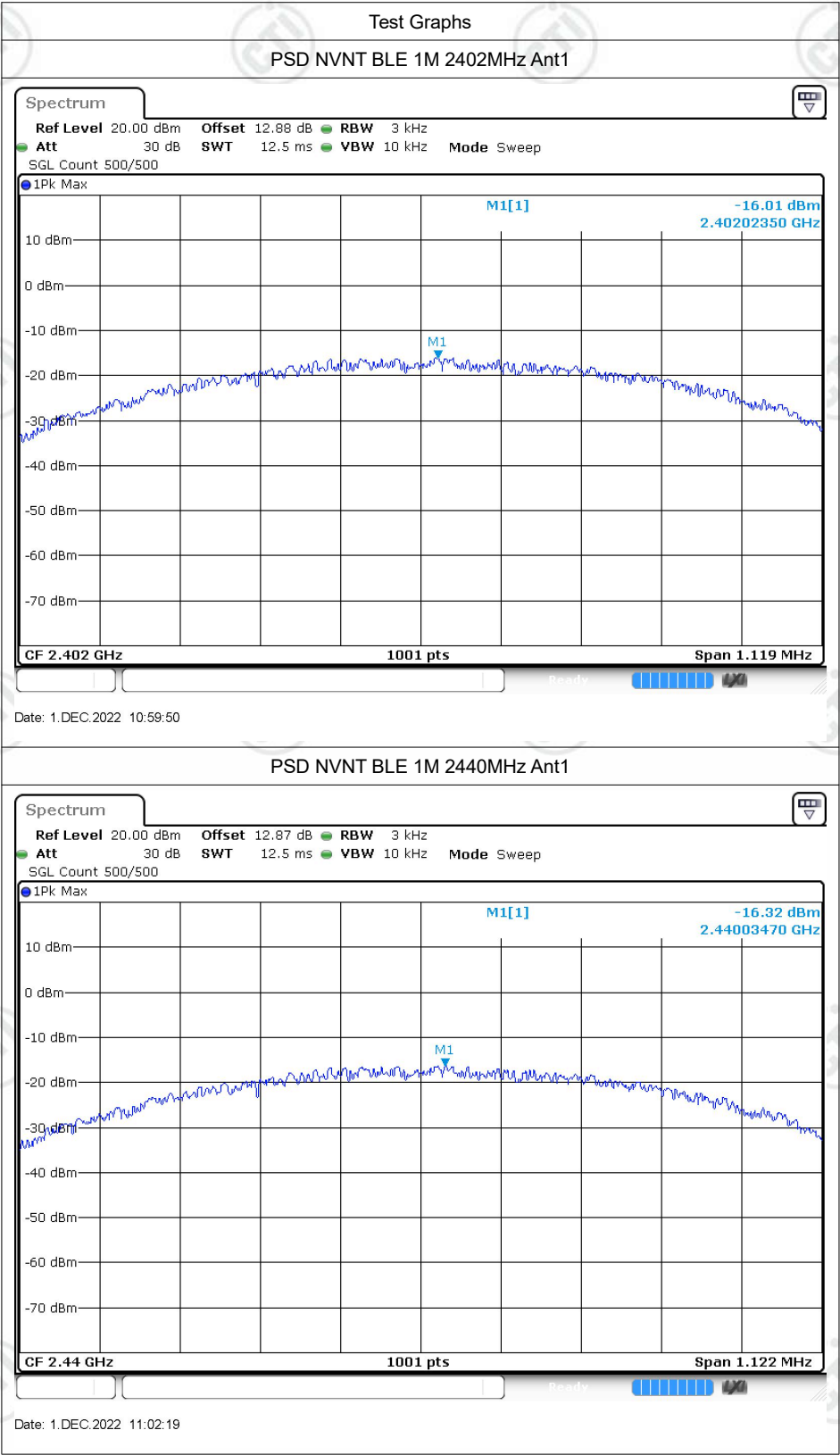
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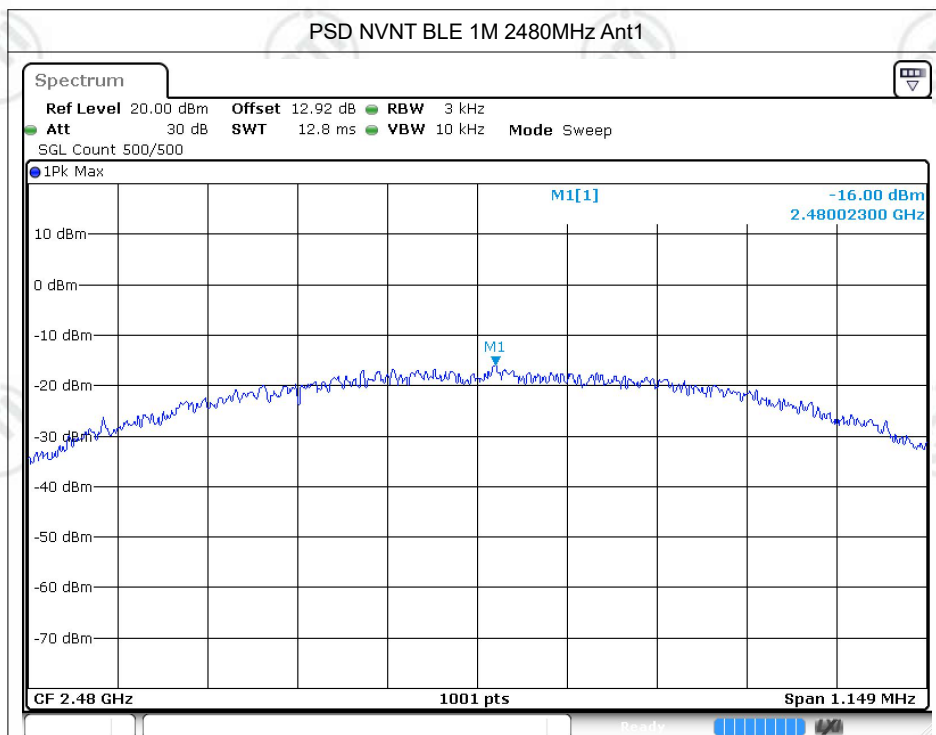


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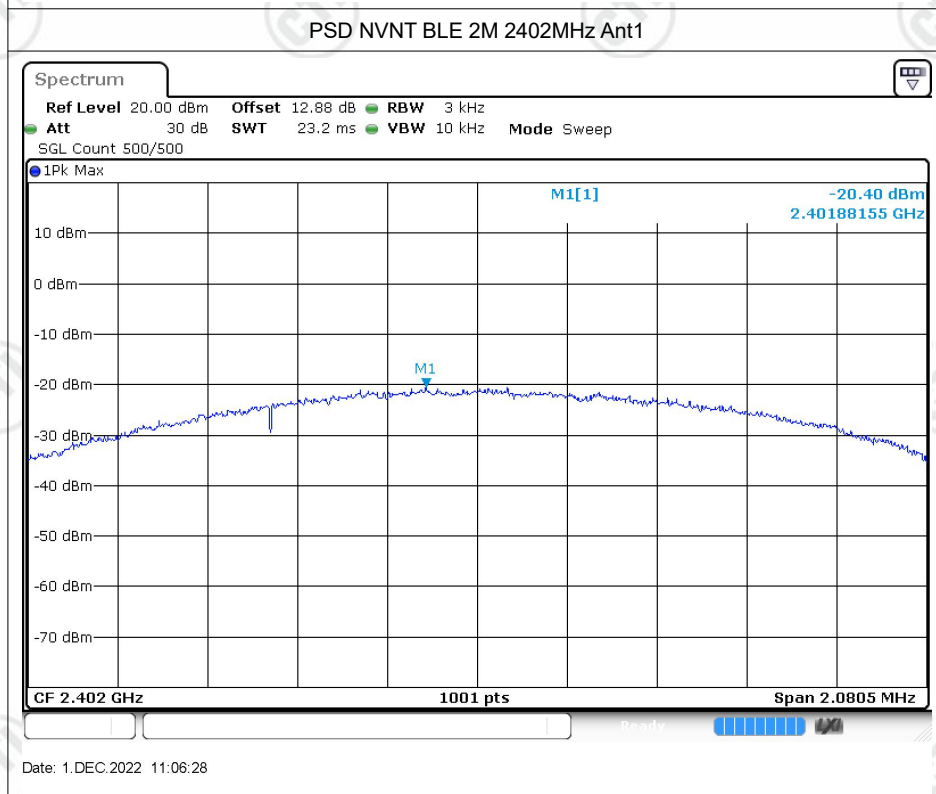
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-16.01	0	-16.01	8	Pass
NVNT	BLE 1M	2440	Ant1	-16.32	0	-16.32	8	Pass
NVNT	BLE 1M	2480	Ant1	-16	0	-16	8	Pass
NVNT	BLE 2M	2402	Ant1	-20.4	0	-20.4	8	Pass
NVNT	BLE 2M	2440	Ant1	-21.08	0	-21.08	8	Pass
NVNT	BLE 2M	2480	Ant1	-21.27	0	-21.27	8	Pass





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