

Appendix:Bluetooth LE

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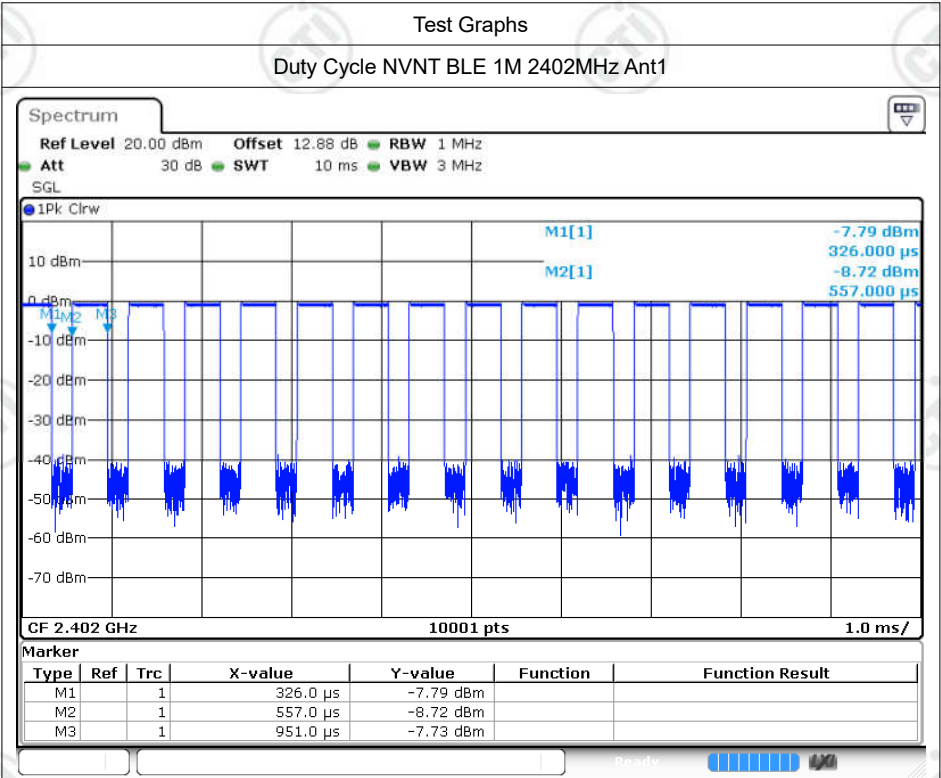
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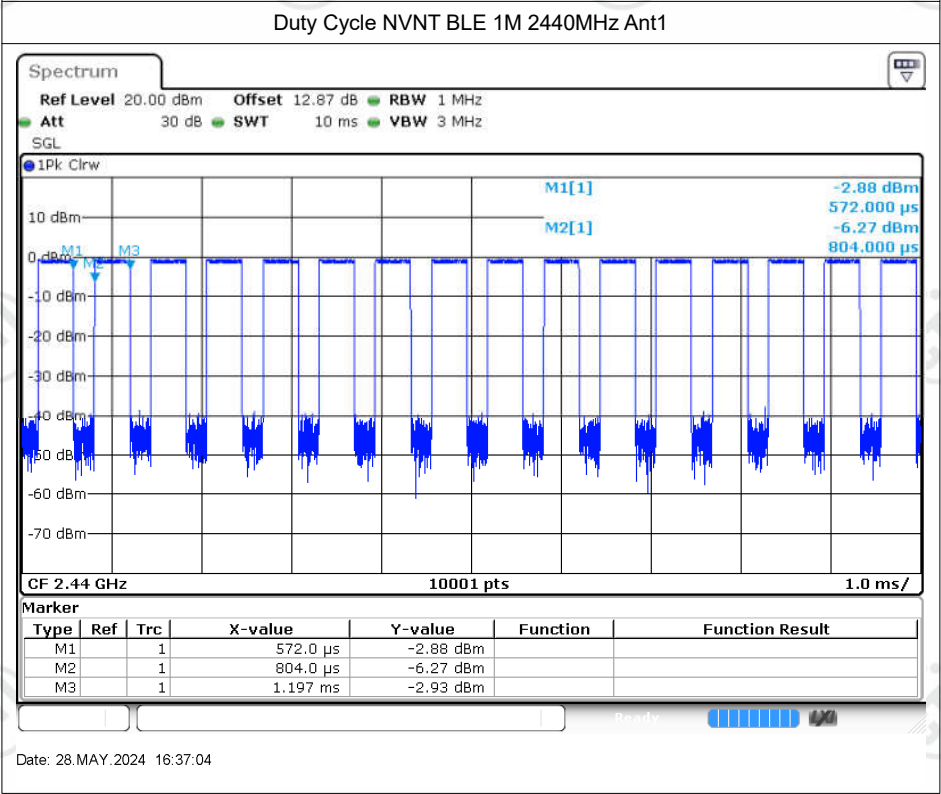
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	63.04	2.00	2.54
NVNT	BLE 1M	2440	Ant1	62.88	2.01	2.54
NVNT	BLE 1M	2480	Ant1	63.04	2.00	2.54

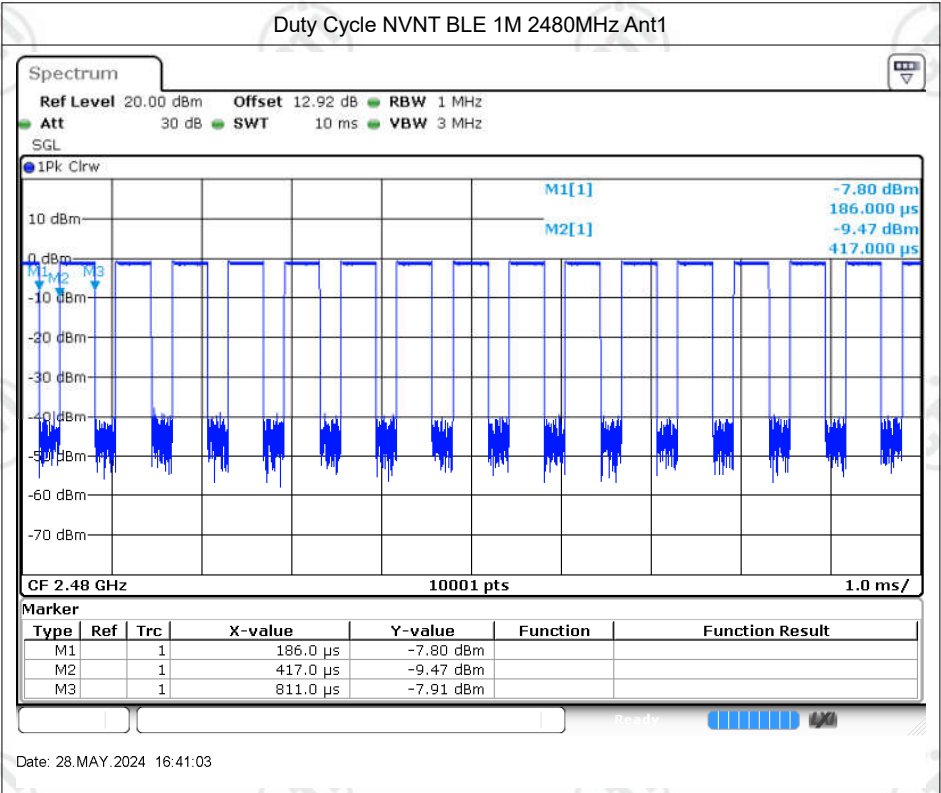
Note:Duty Cycle Factor (dB)=-10*Ig(Duty Cycle);



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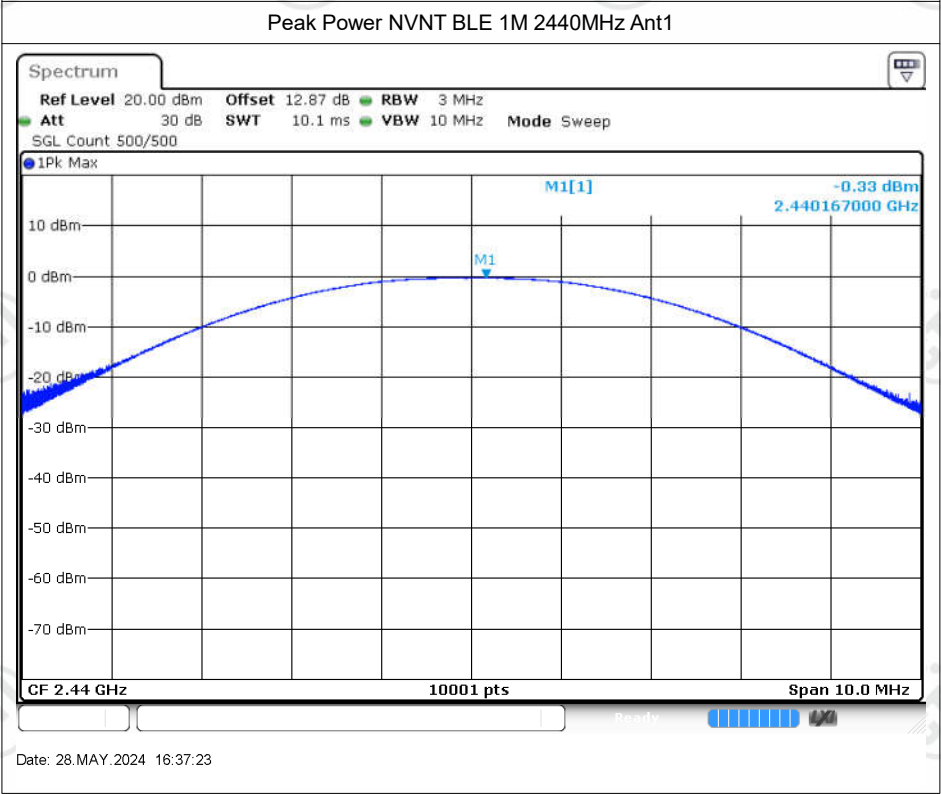
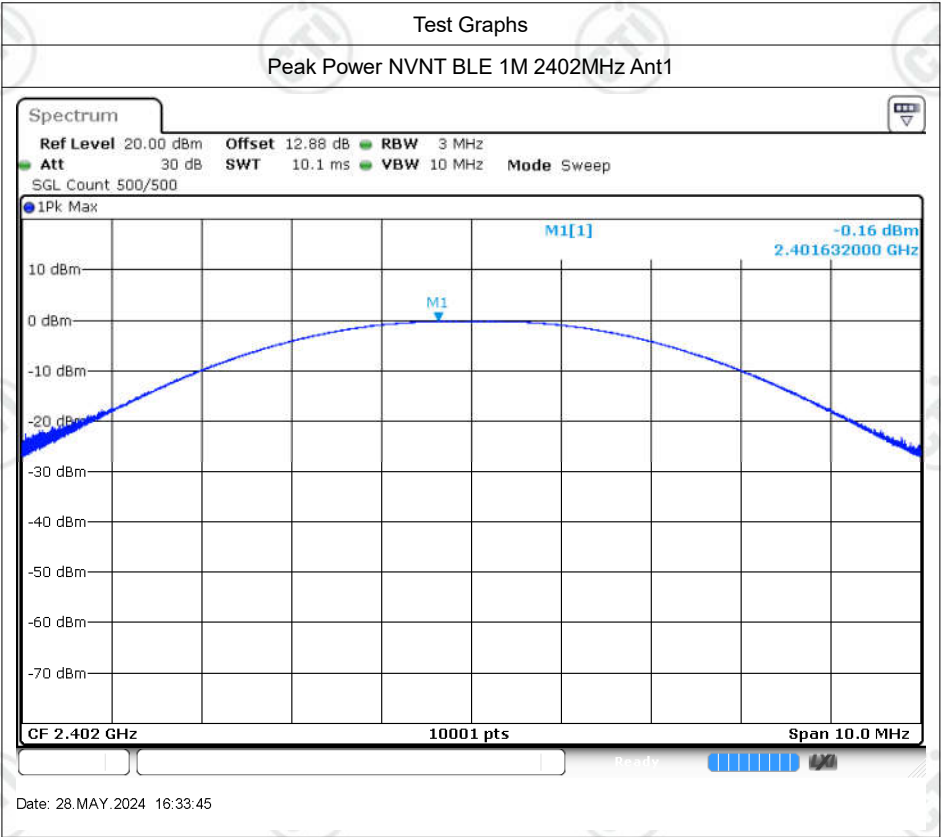


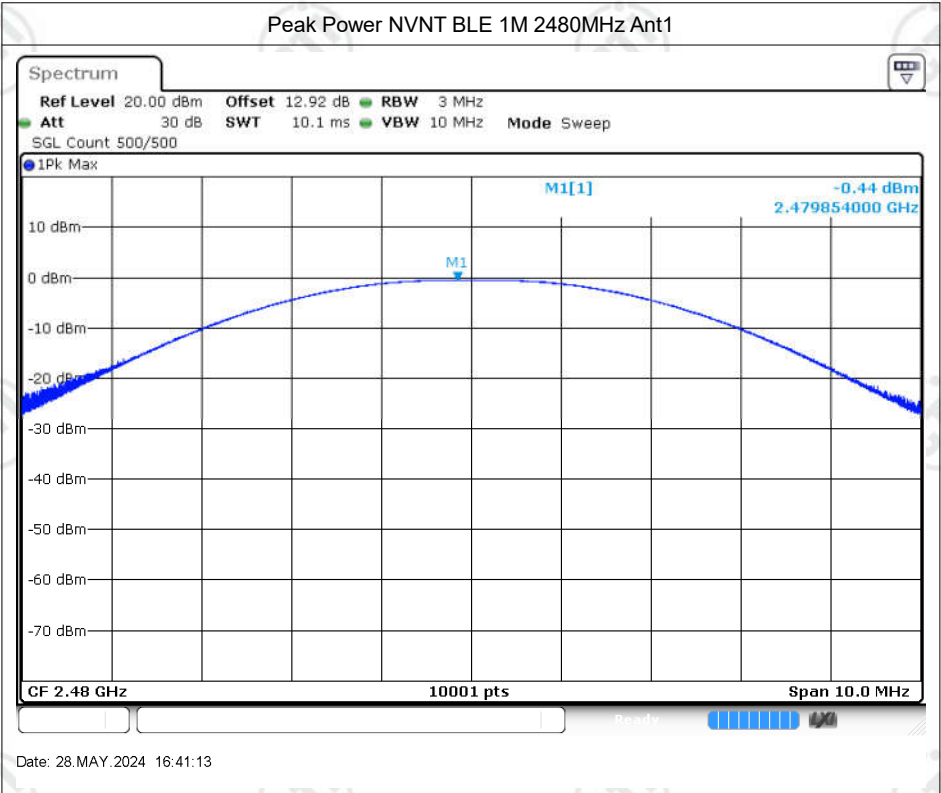
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Maximum Peak Conducted Output Power

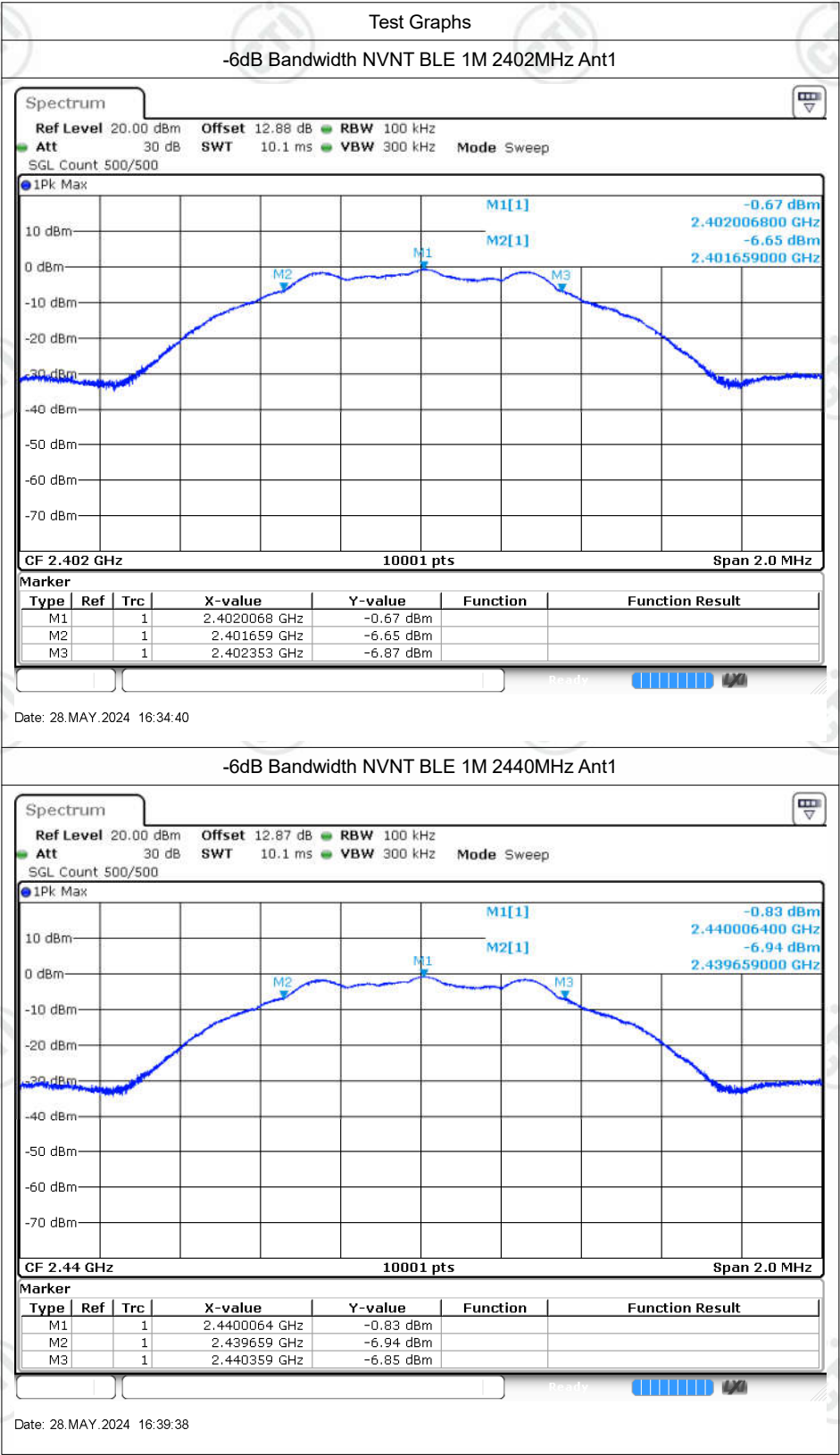
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-0.16	30	Pass
NVNT	BLE 1M	2440	Ant1	-0.33	30	Pass
NVNT	BLE 1M	2480	Ant1	-0.44	30	Pass

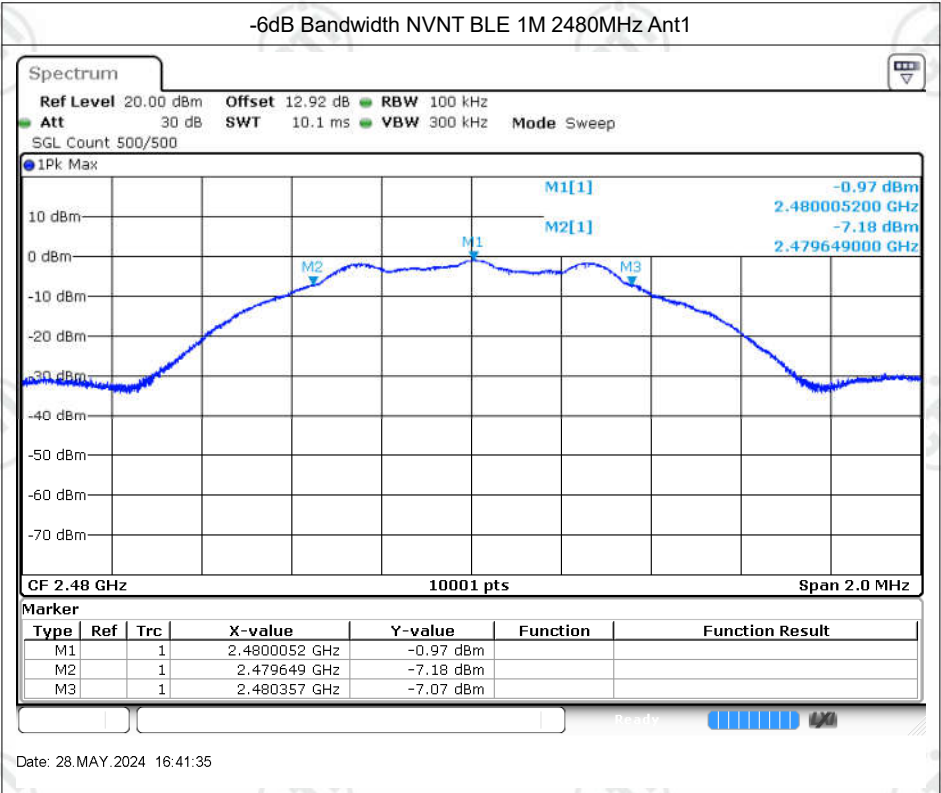




-6dB Bandwidth

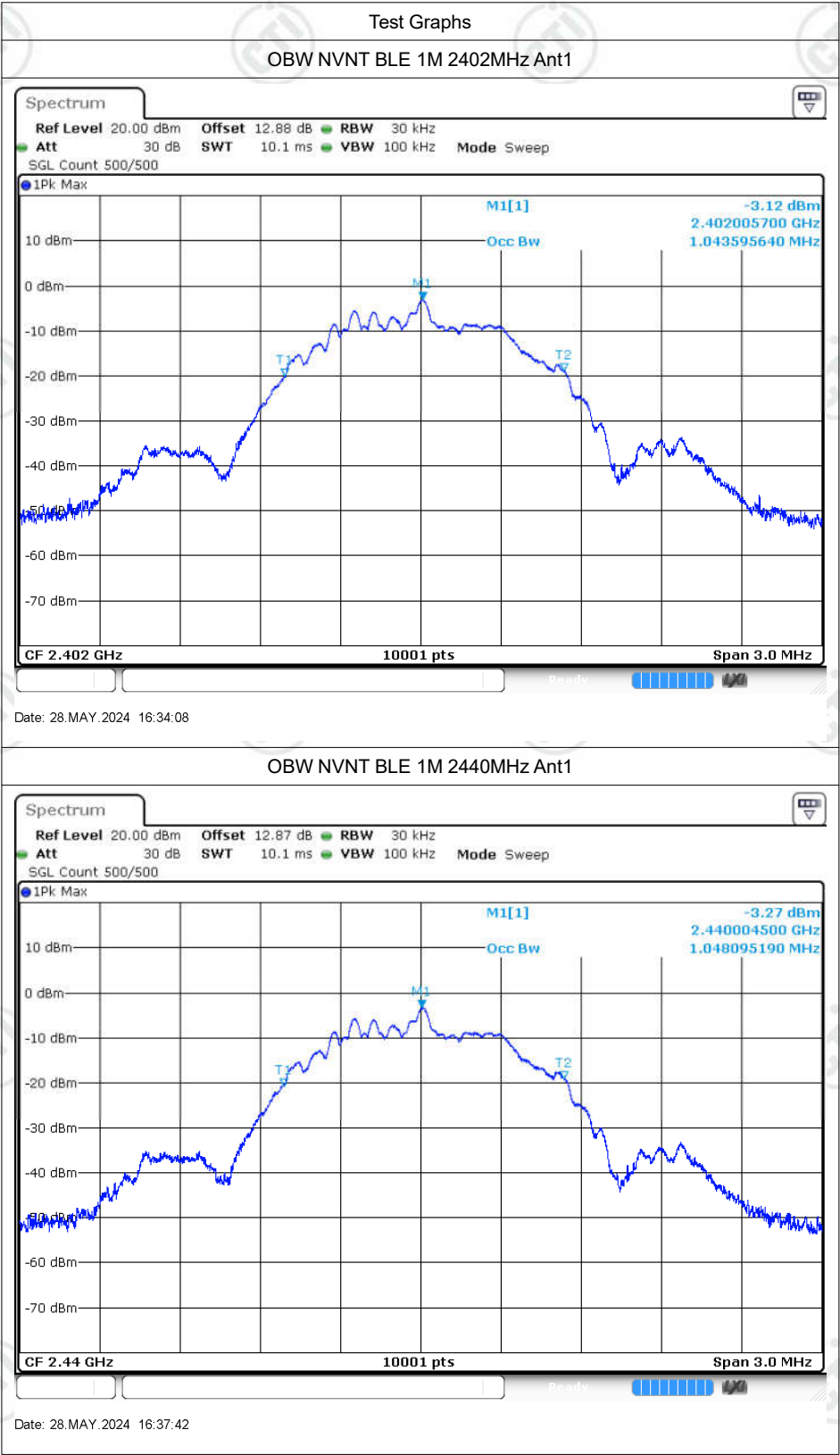
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.694	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.700	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.707	0.5	Pass

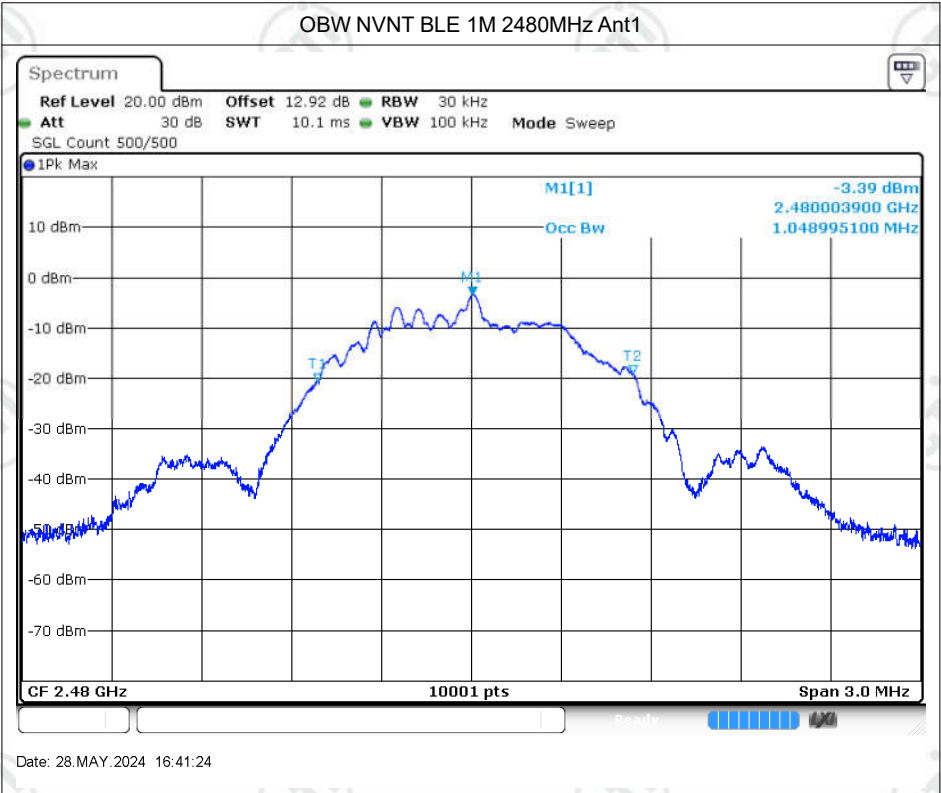




Occupied Channel Bandwidth

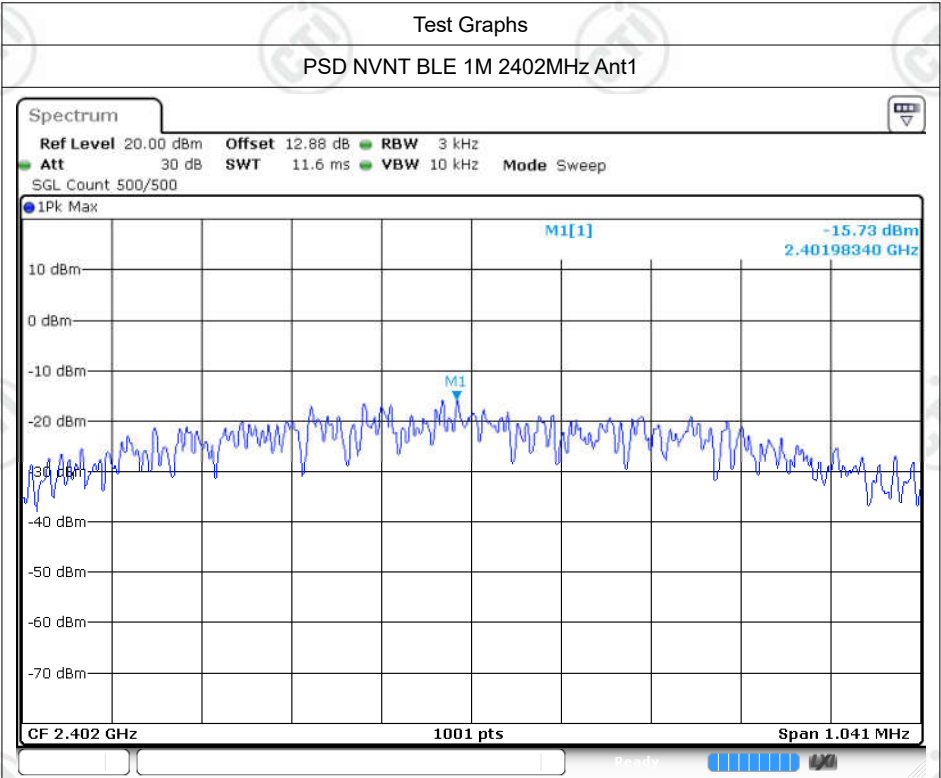
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.044
NVNT	BLE 1M	2440	Ant1	1.048
NVNT	BLE 1M	2480	Ant1	1.049



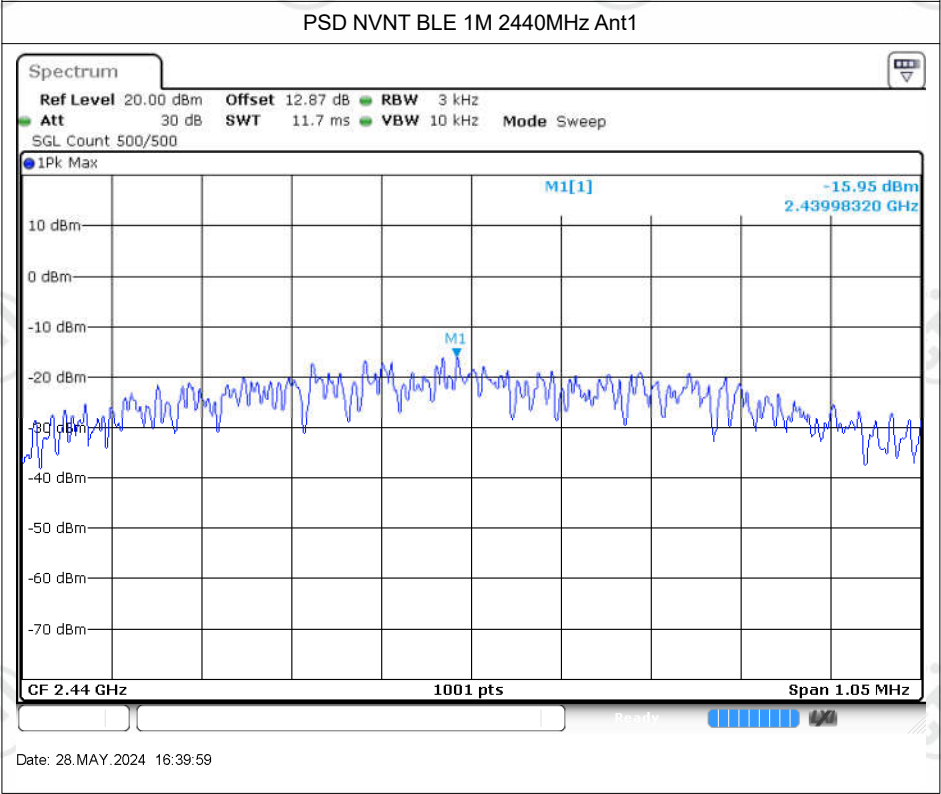


Maximum Power Spectral Density Level

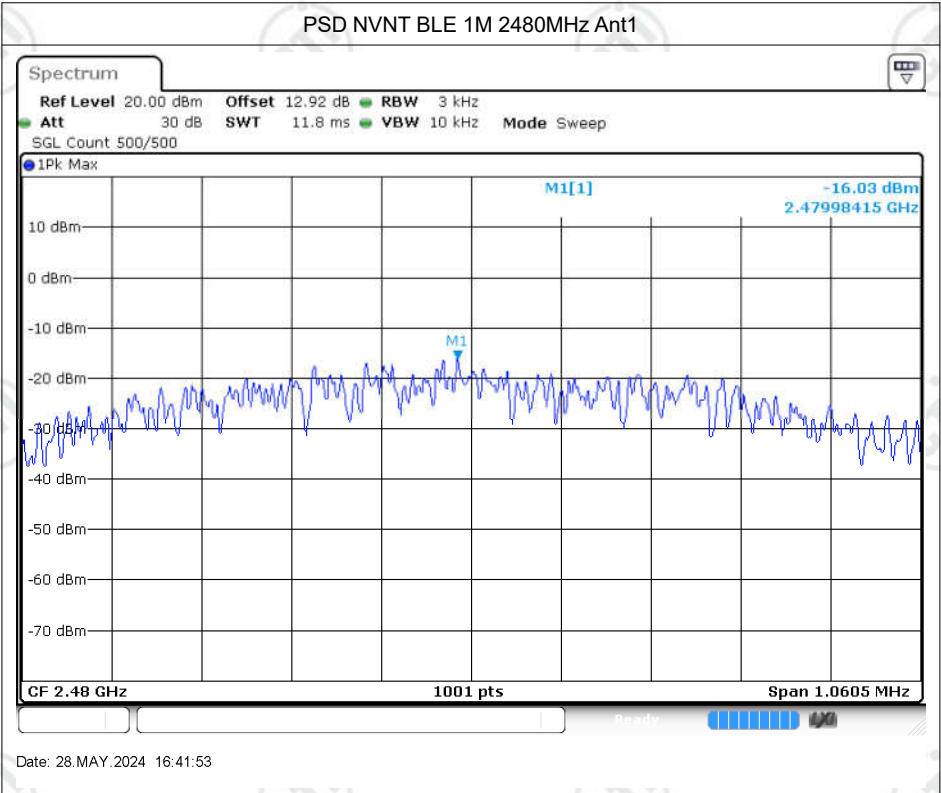
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-15.73	0	-15.73	8	Pass
NVNT	BLE 1M	2440	Ant1	-15.95	0	-15.95	8	Pass
NVNT	BLE 1M	2480	Ant1	-16.03	0	-16.03	8	Pass



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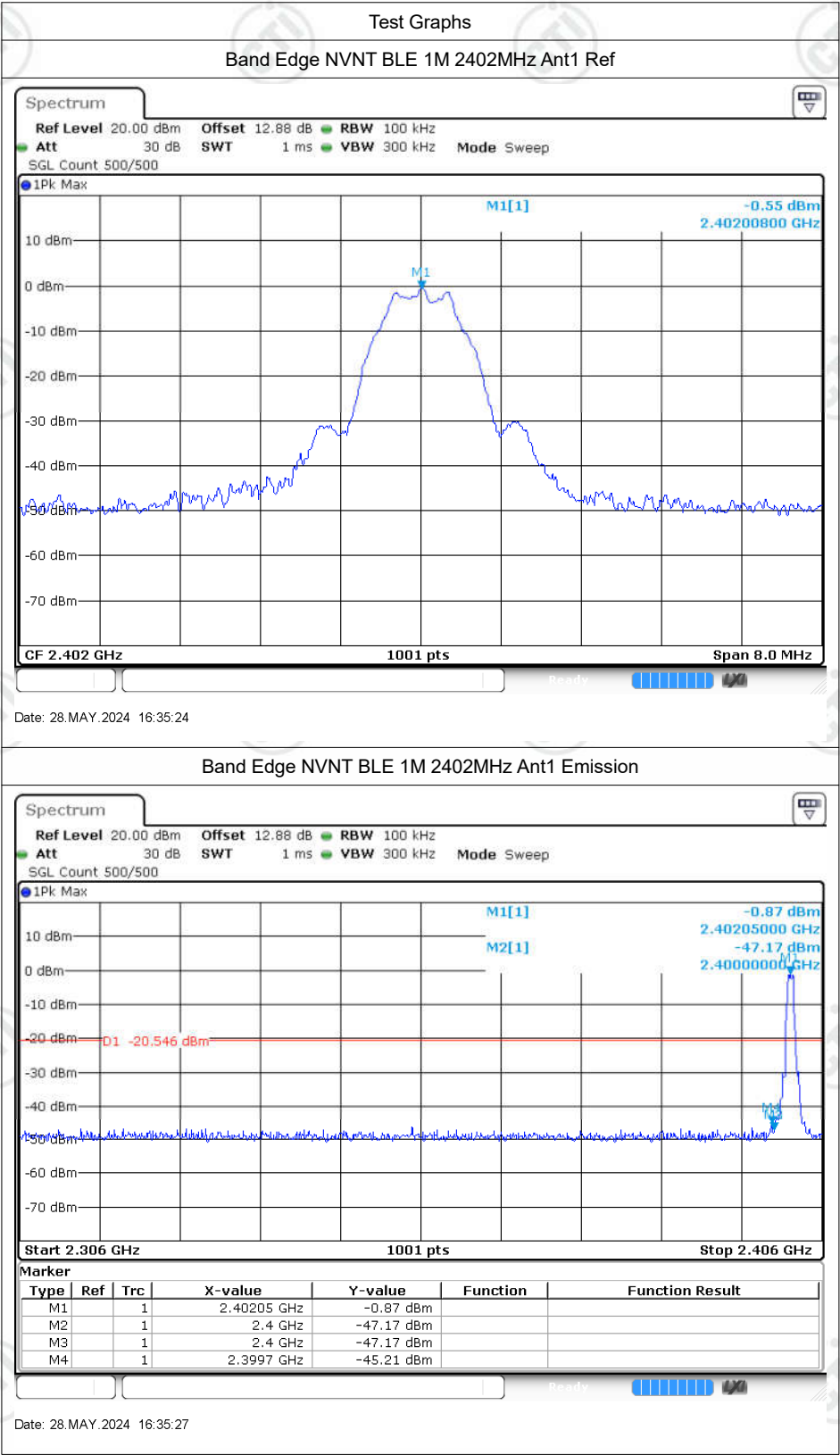


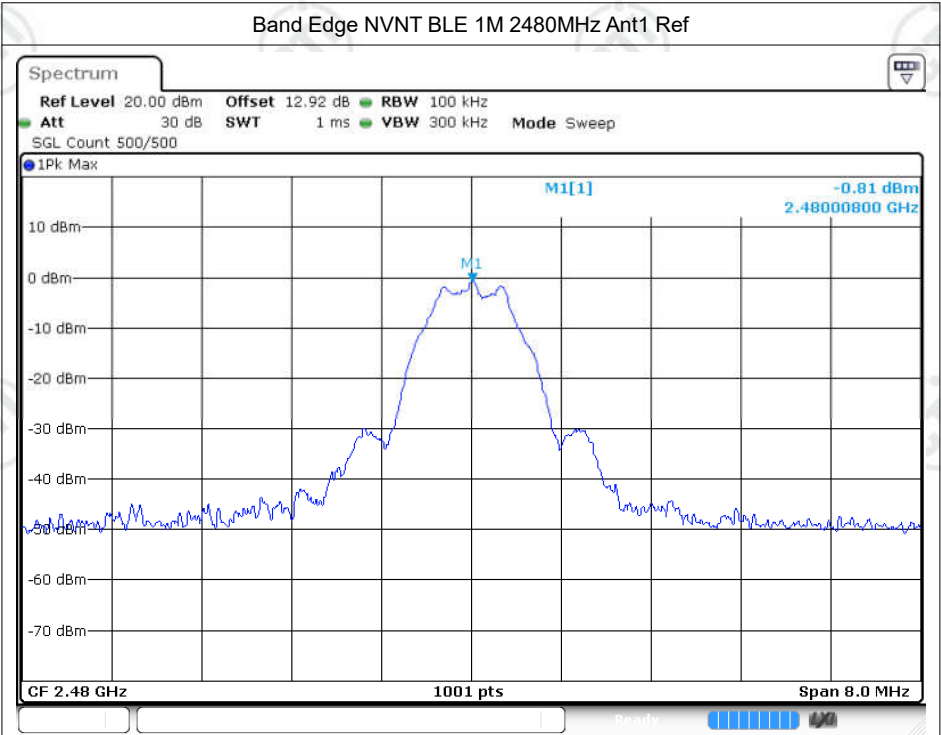
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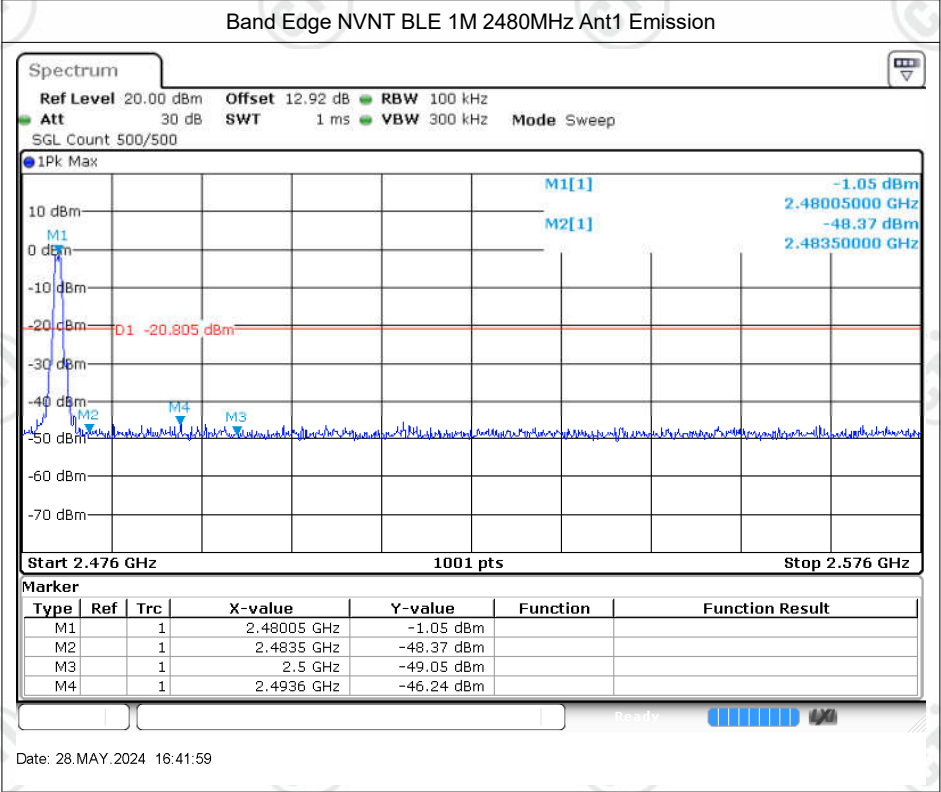
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-44.66	-20	Pass
NVNT	BLE 1M	2480	Ant1	-45.42	-20	Pass





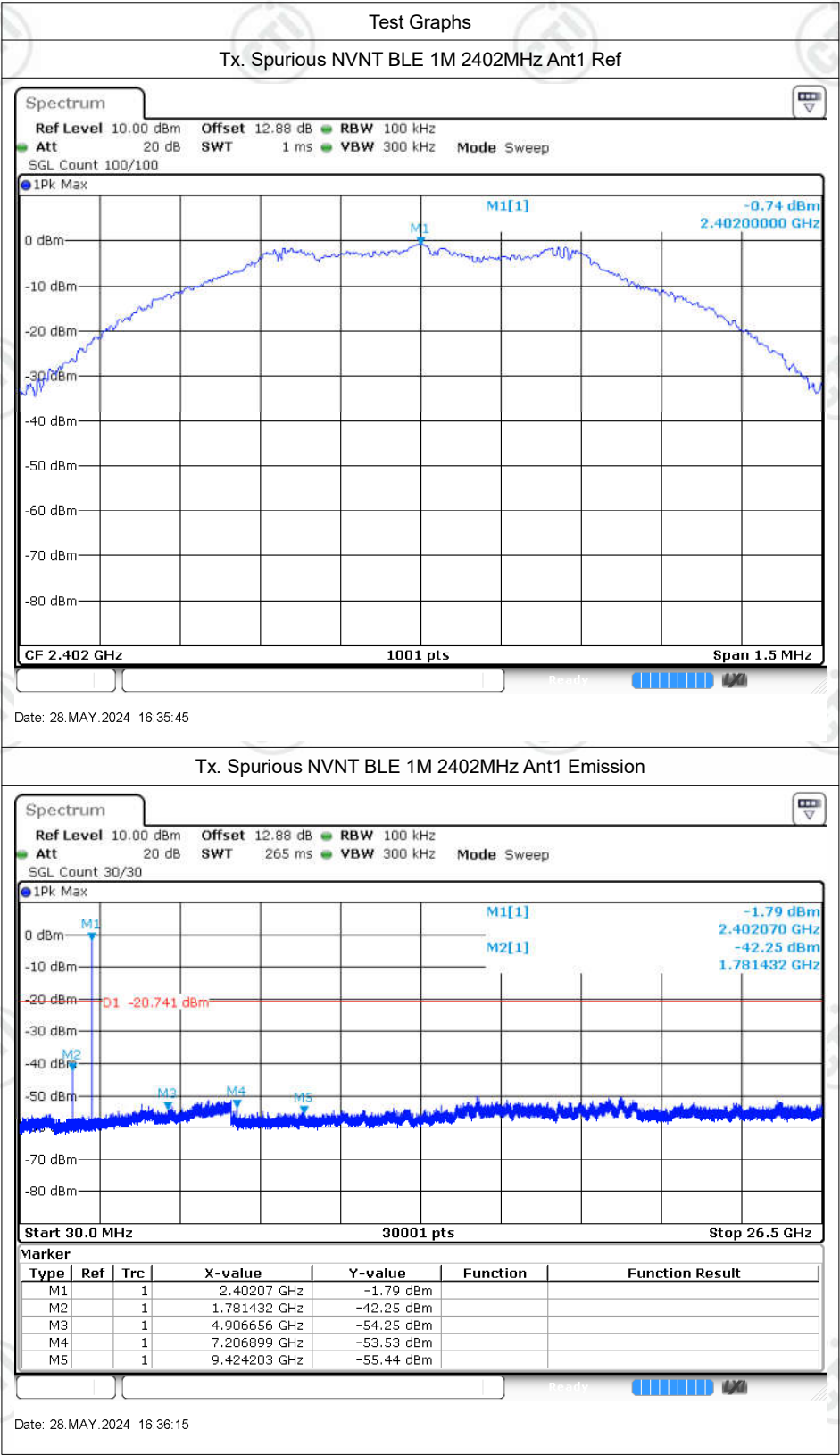
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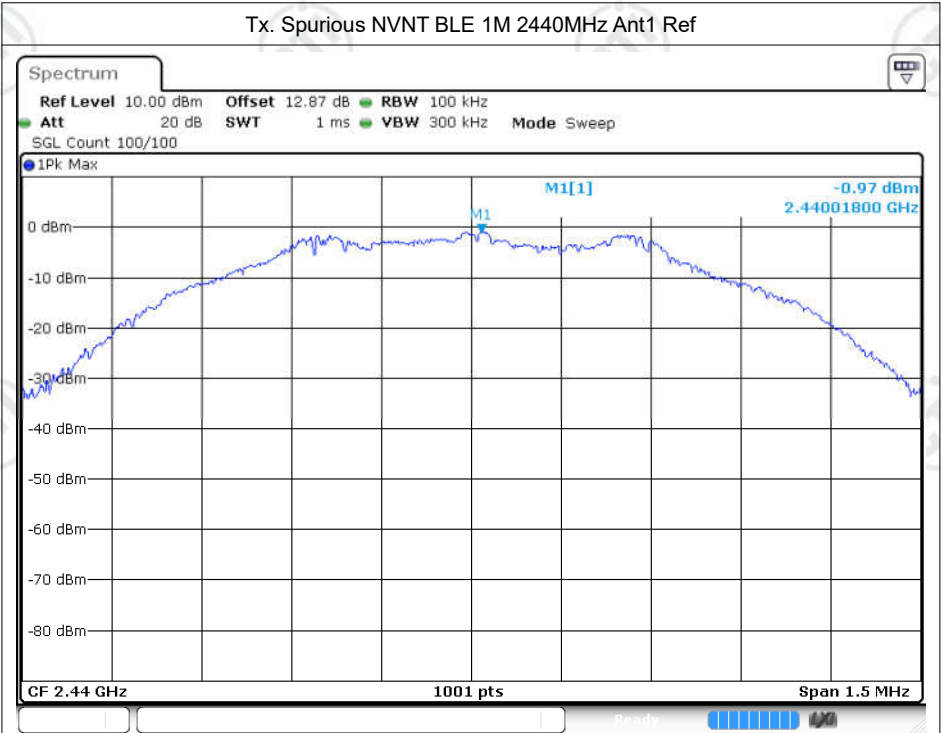


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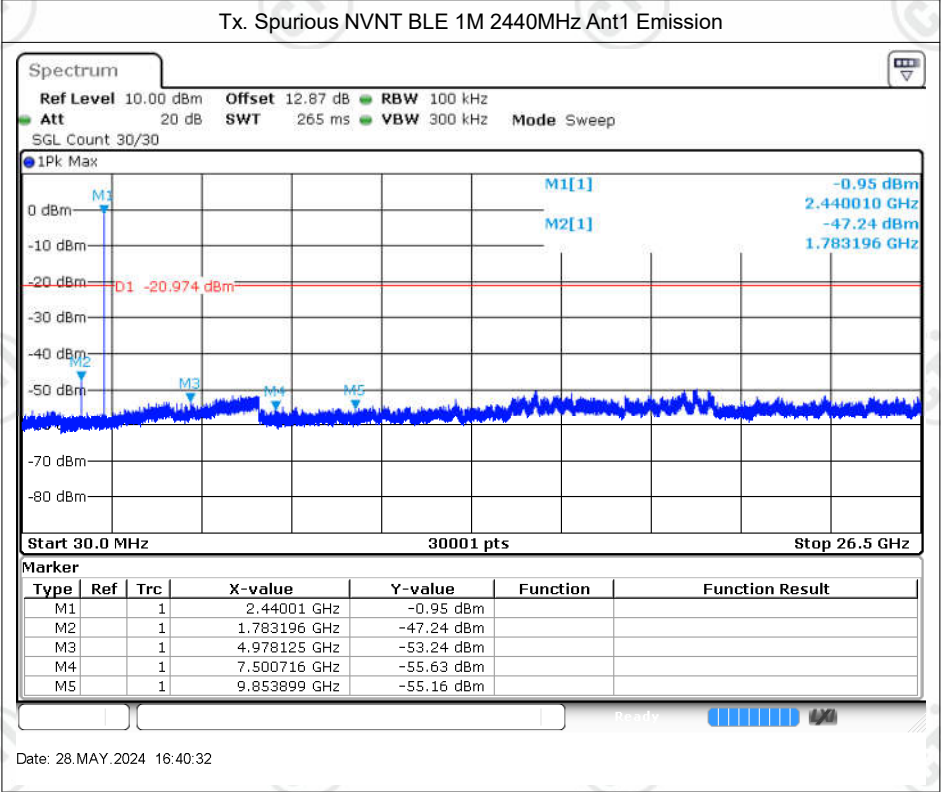
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-41.50	-20	Pass
NVNT	BLE 1M	2440	Ant1	-46.27	-20	Pass
NVNT	BLE 1M	2480	Ant1	-49.12	-20	Pass

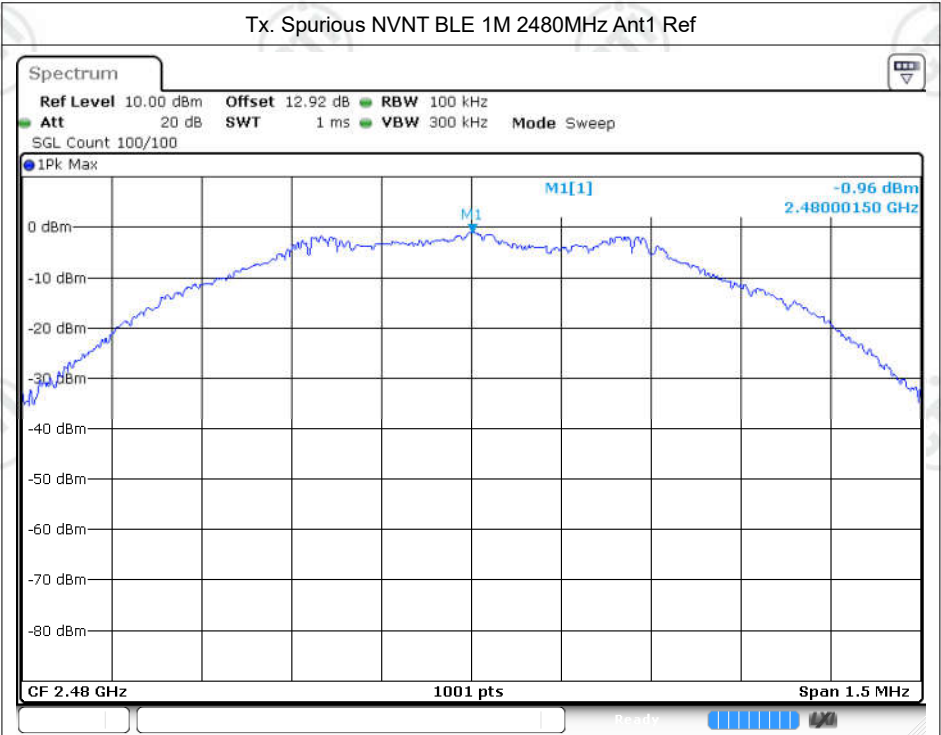




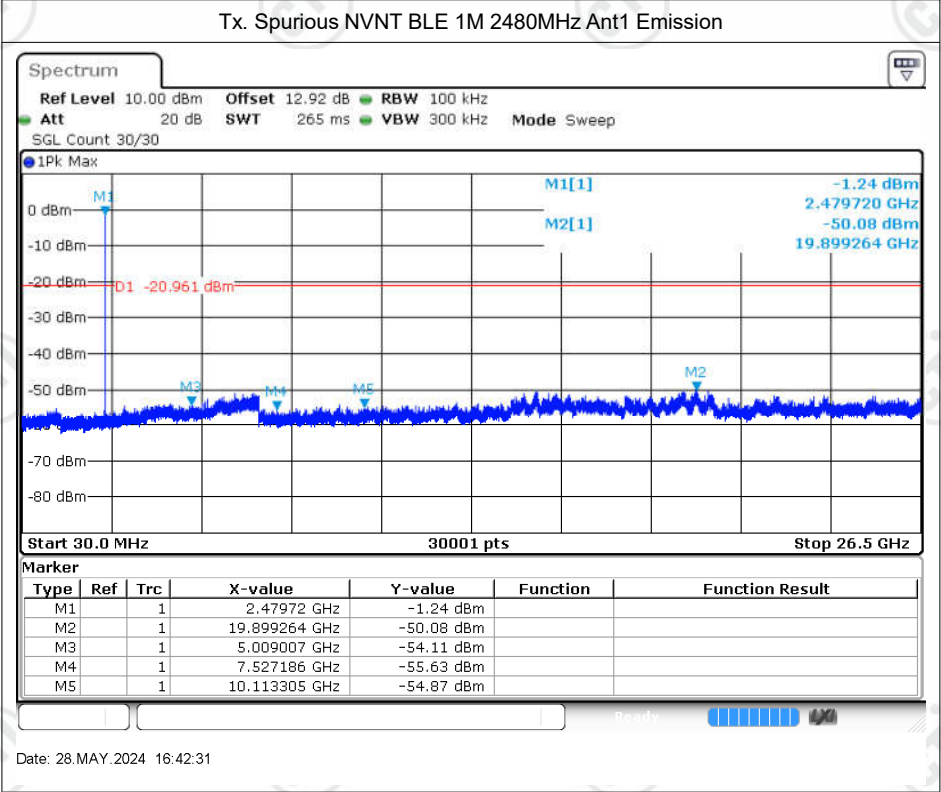
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