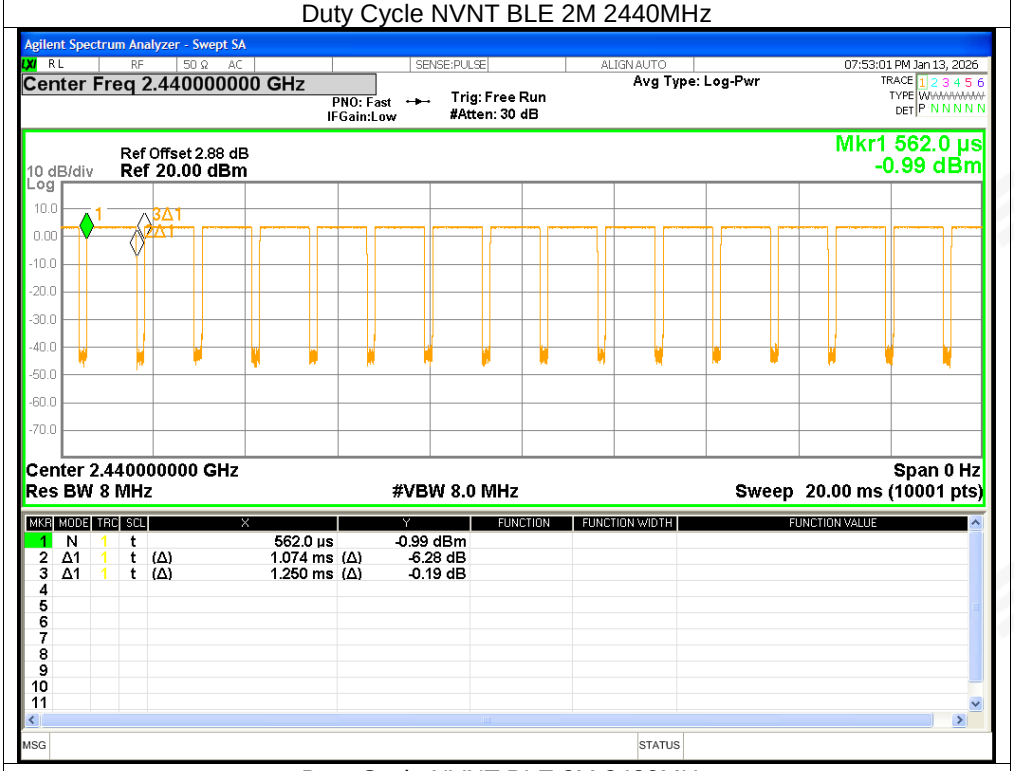
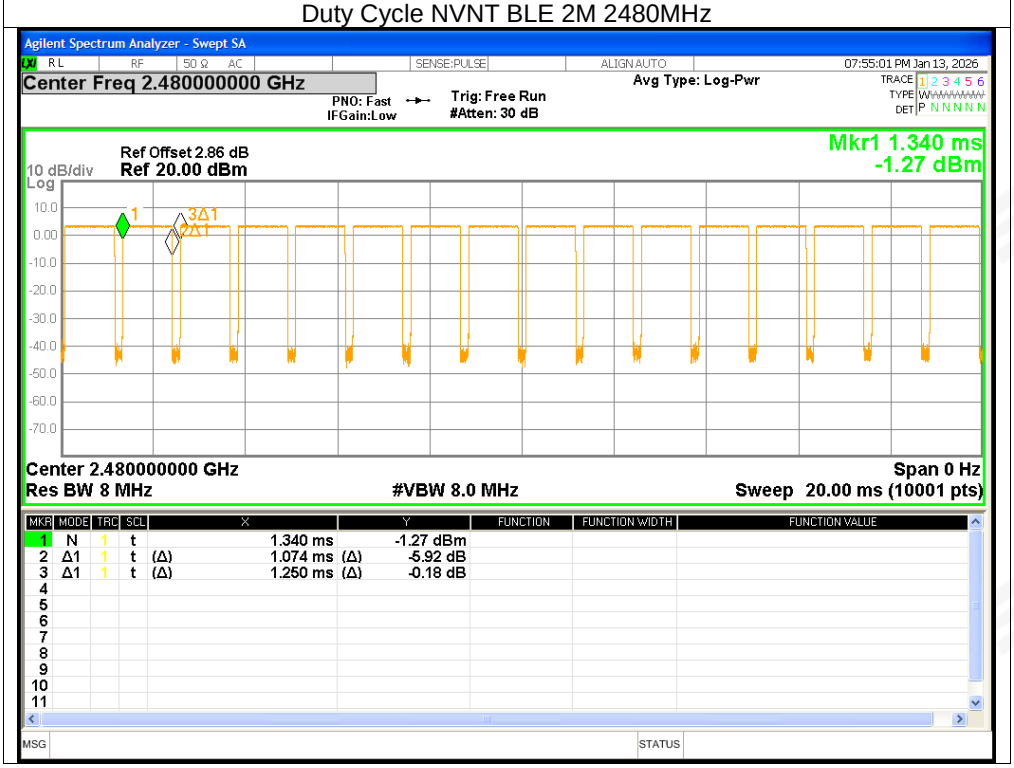
Duty Cycle NVNT BLE 2M 2440MHz



Duty Cycle NVNT BLE 2M 2480MHz

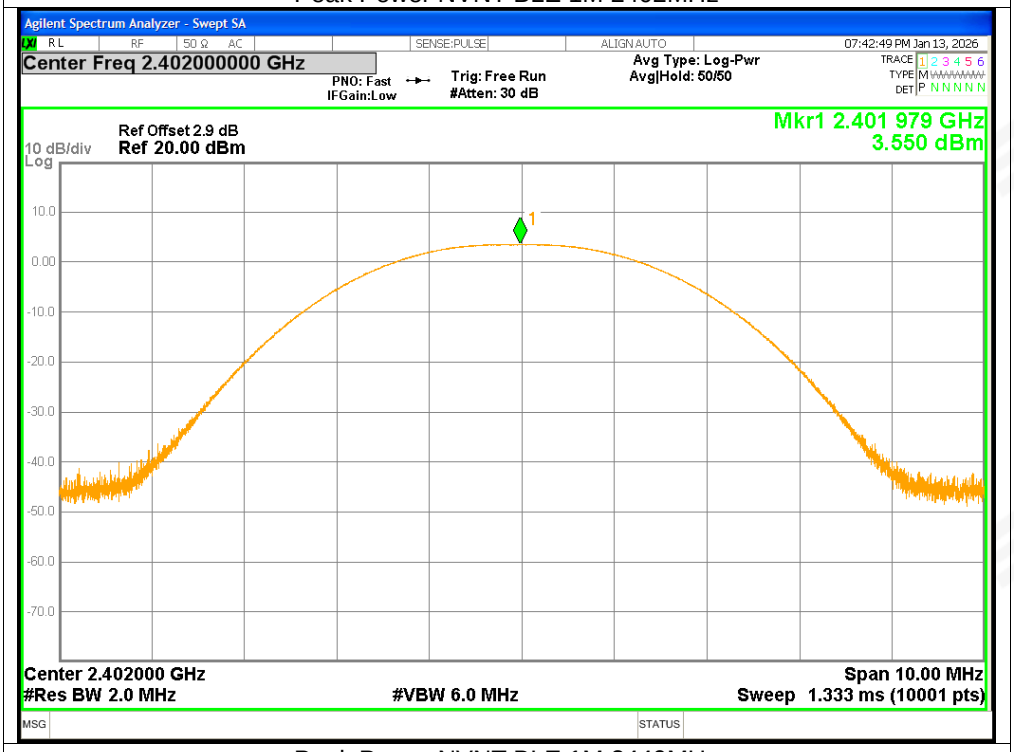


Maximum Peak Conducted Output Power

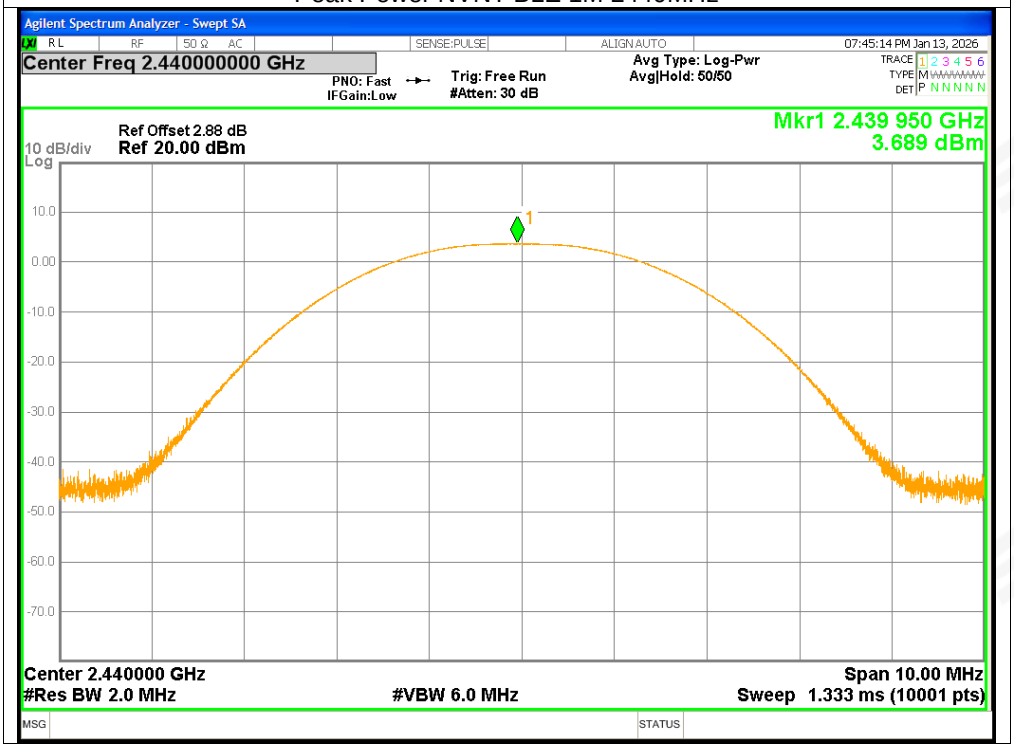
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	3.55	<=30	Pass
NVNT	BLE 1M	2440	3.69	<=30	Pass
NVNT	BLE 1M	2480	3.52	<=30	Pass
NVNT	BLE 2M	2402	3.42	<=30	Pass
NVNT	BLE 2M	2440	3.52	<=30	Pass
NVNT	BLE 2M	2480	3.37	<=30	Pass

Test Graphs

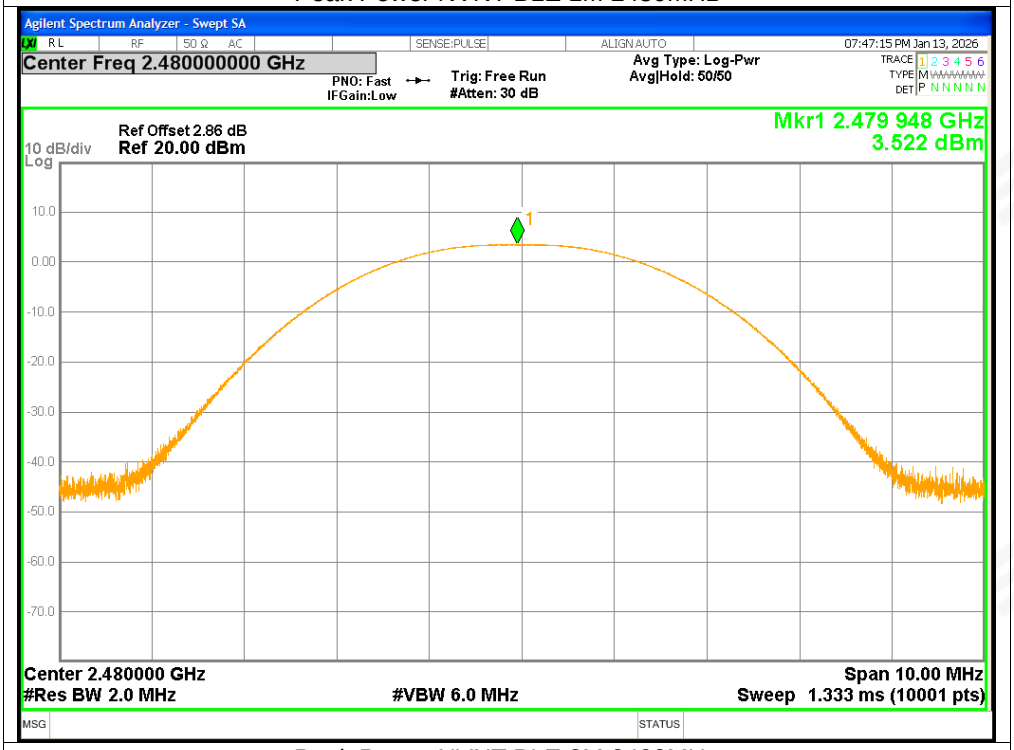
Peak Power NVNT BLE 1M 2402MHz



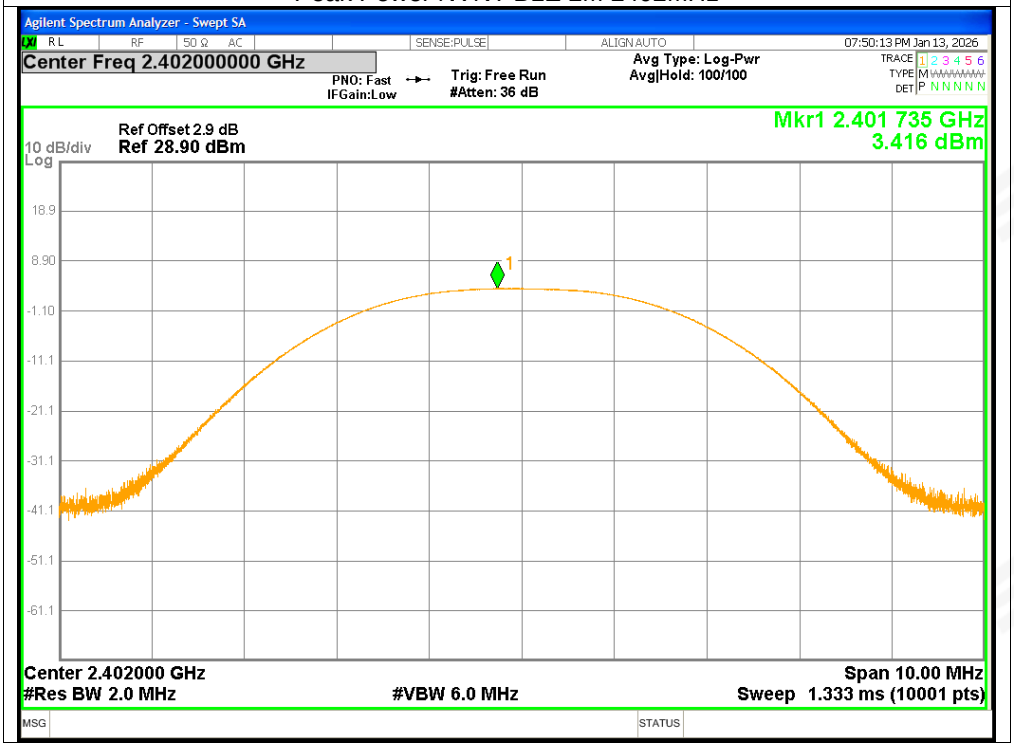
Peak Power NVNT BLE 1M 2440MHz



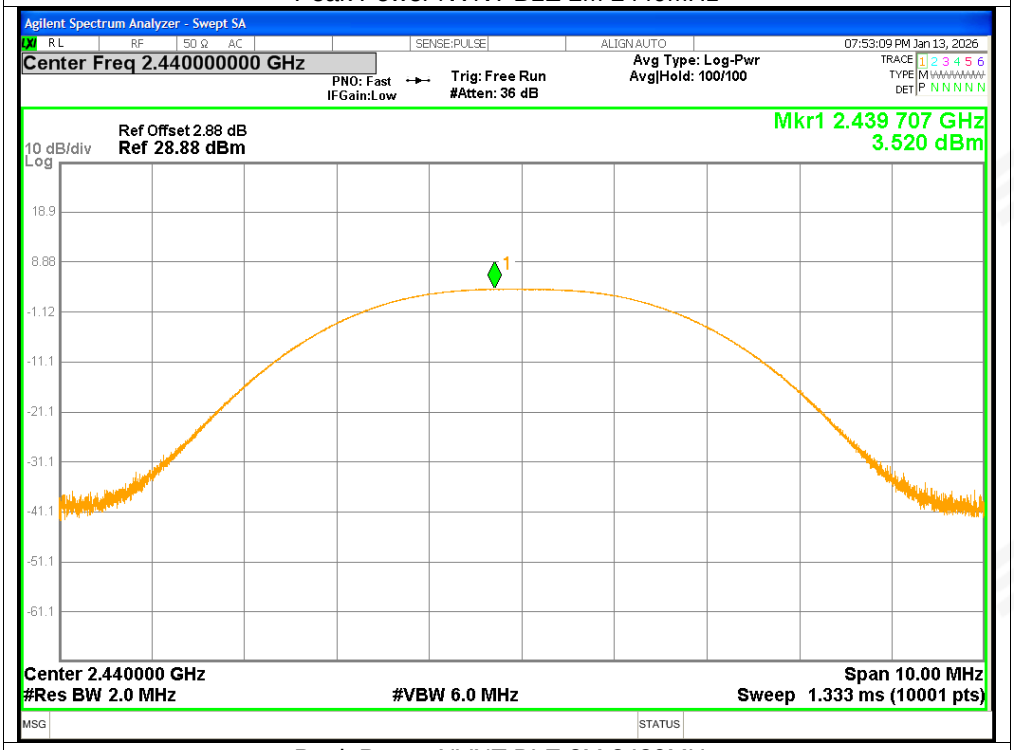
Peak Power NVNT BLE 1M 2480MHz



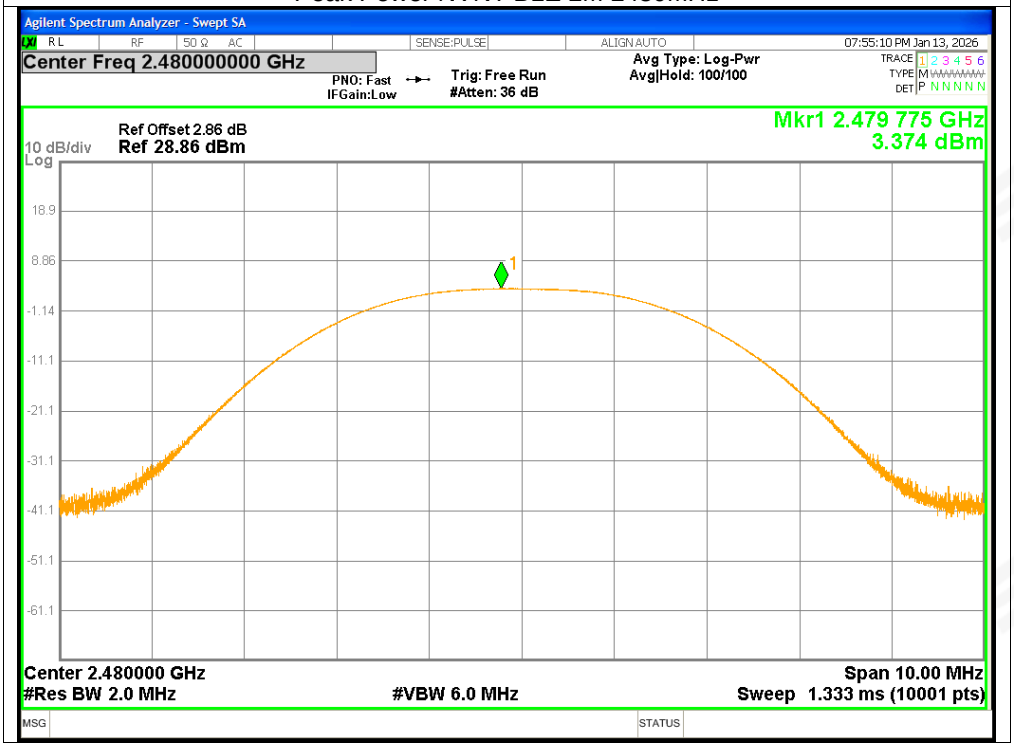
Peak Power NVNT BLE 2M 2402MHz



Peak Power NVNT BLE 2M 2440MHz



Peak Power NVNT BLE 2M 2480MHz

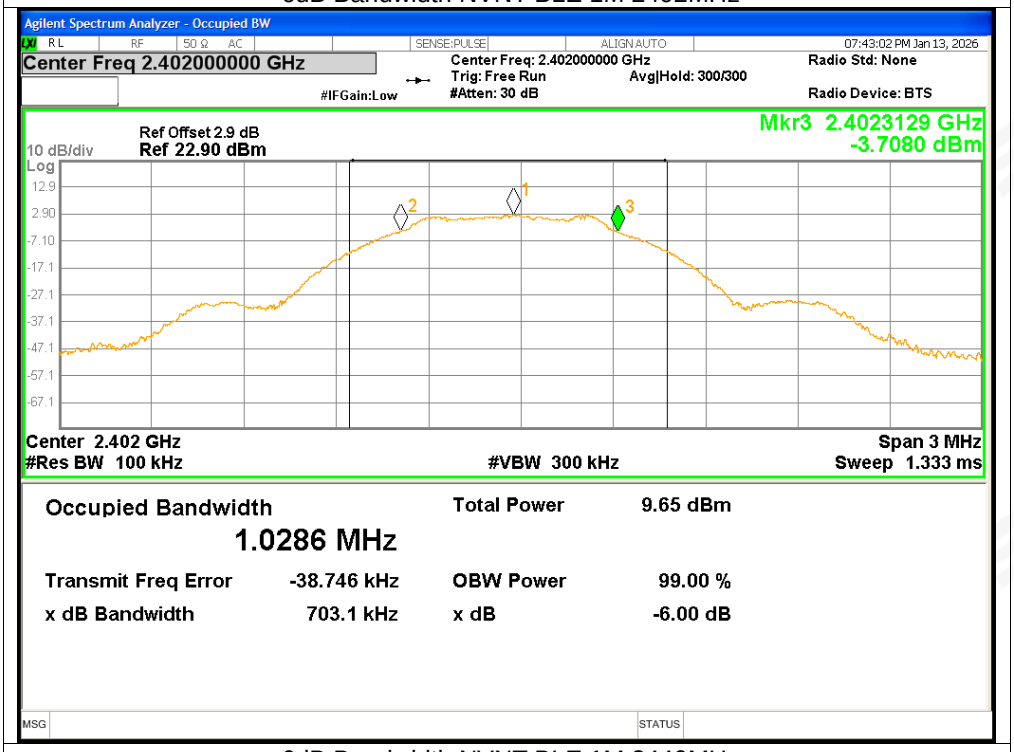


-6dB Bandwidth

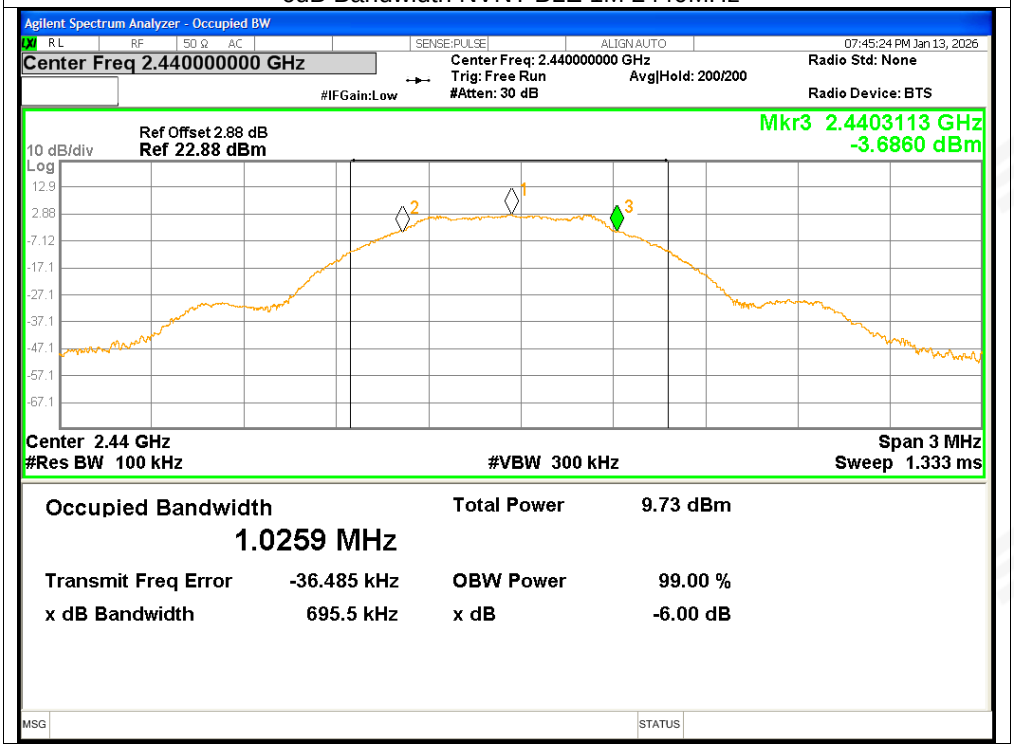
Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	0.7031	>=0.5	Pass
NVNT	BLE 1M	2440	0.6955	>=0.5	Pass
NVNT	BLE 1M	2480	0.7074	>=0.5	Pass
NVNT	BLE 2M	2402	1.168	>=0.5	Pass
NVNT	BLE 2M	2440	1.16	>=0.5	Pass
NVNT	BLE 2M	2480	1.162	>=0.5	Pass

Test Graphs

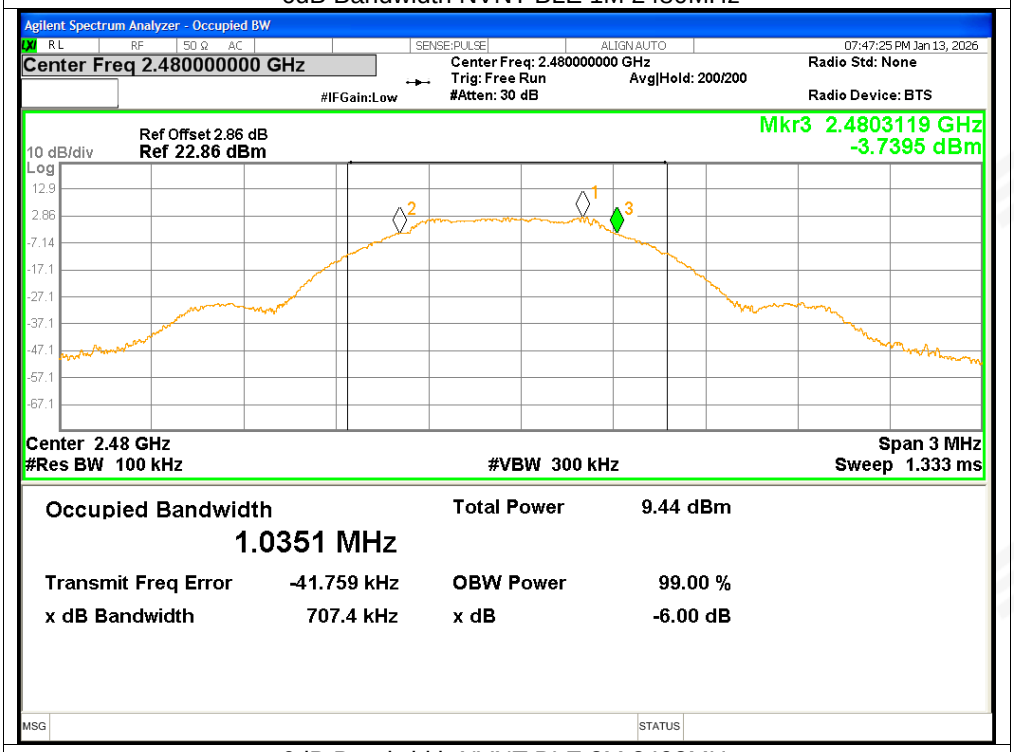
-6dB Bandwidth NVNT BLE 1M 2402MHz



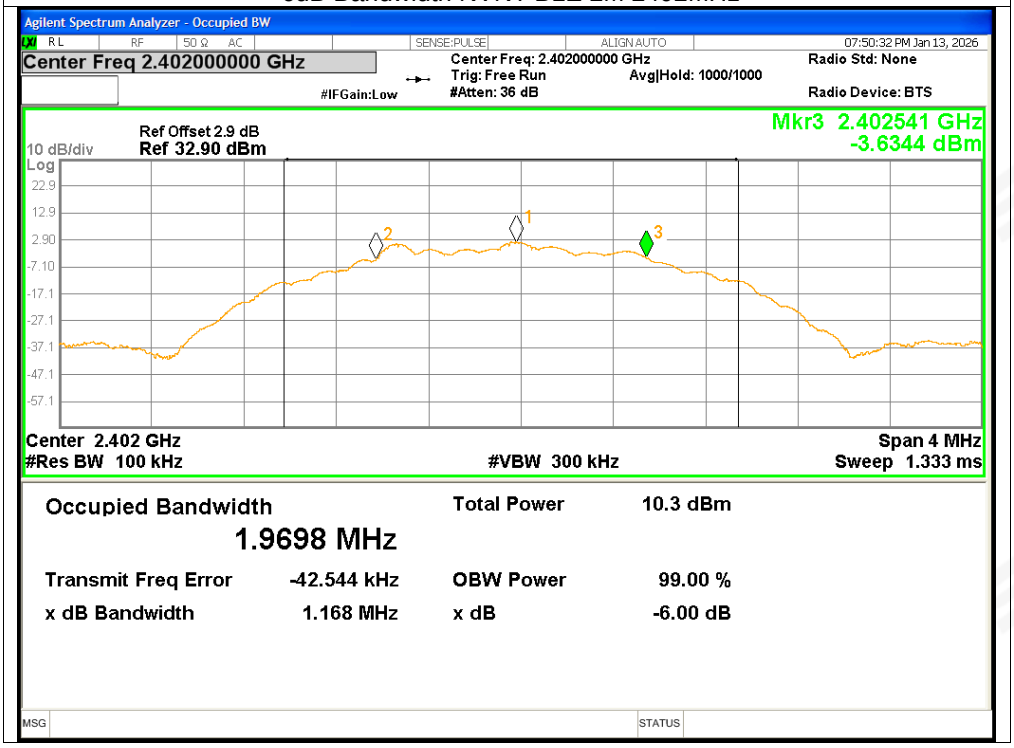
-6dB Bandwidth NVNT BLE 1M 2440MHz



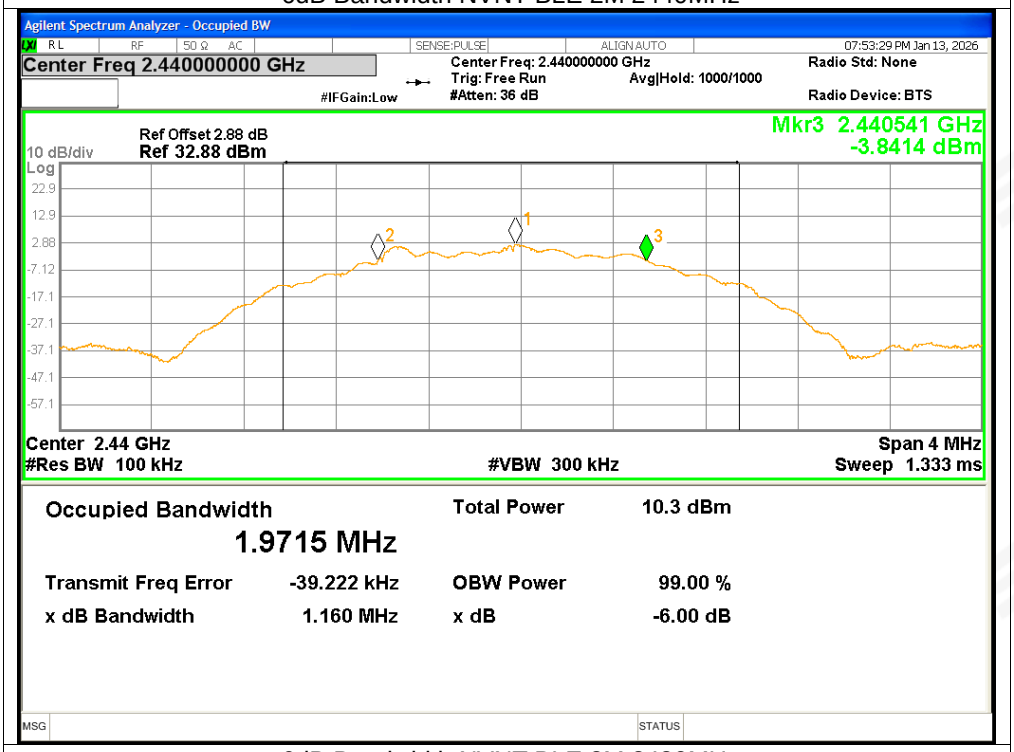
-6dB Bandwidth NVNT BLE 1M 2480MHz



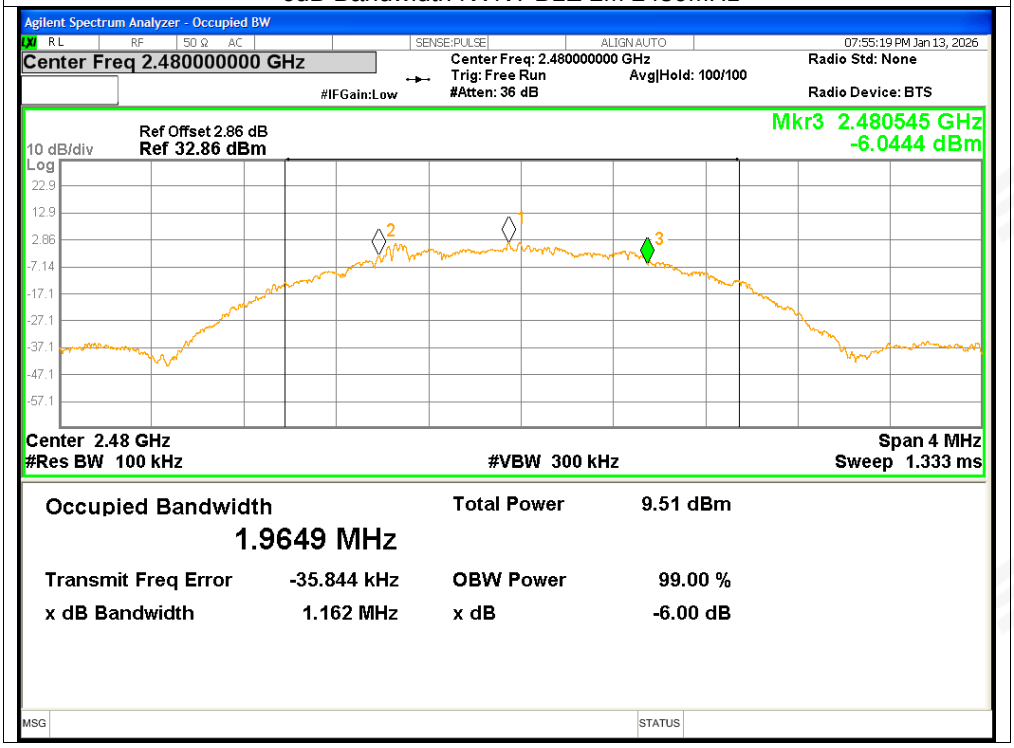
-6dB Bandwidth NVNT BLE 2M 2402MHz



-6dB Bandwidth NVNT BLE 2M 2440MHz



-6dB Bandwidth NVNT BLE 2M 2480MHz

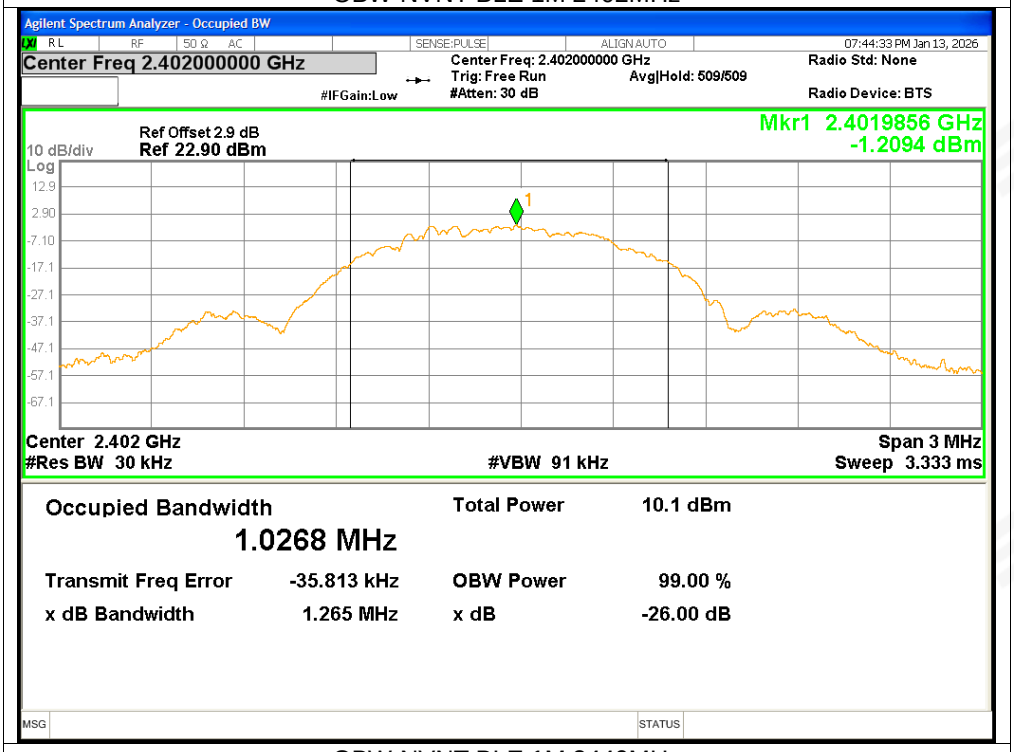


Occupied Channel Bandwidth

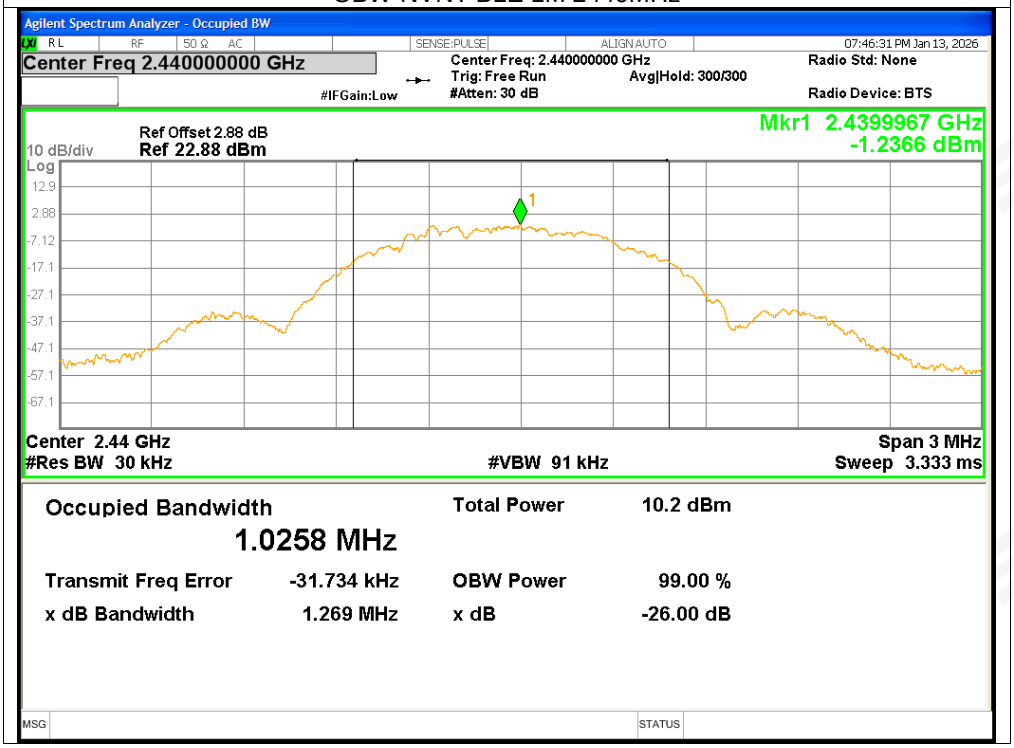
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	BLE 1M	2402	1.0268
NVNT	BLE 1M	2440	1.0258
NVNT	BLE 1M	2480	1.0264
NVNT	BLE 2M	2402	1.9787
NVNT	BLE 2M	2440	1.981
NVNT	BLE 2M	2480	1.9875

Test Graphs

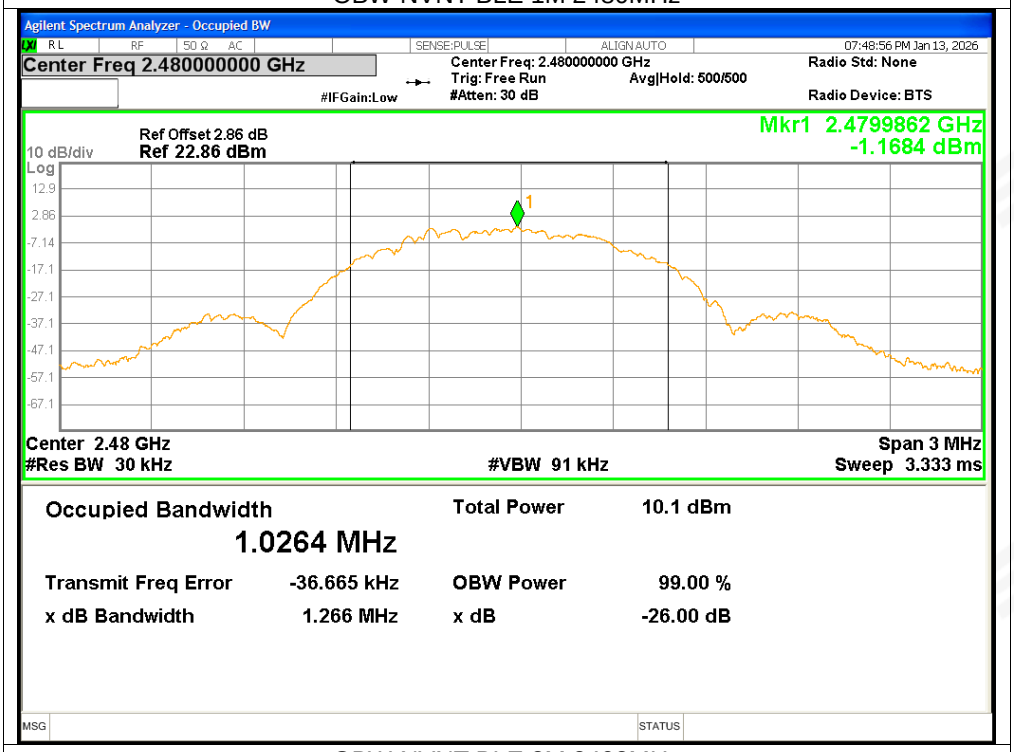
OBW NVNT BLE 1M 2402MHz



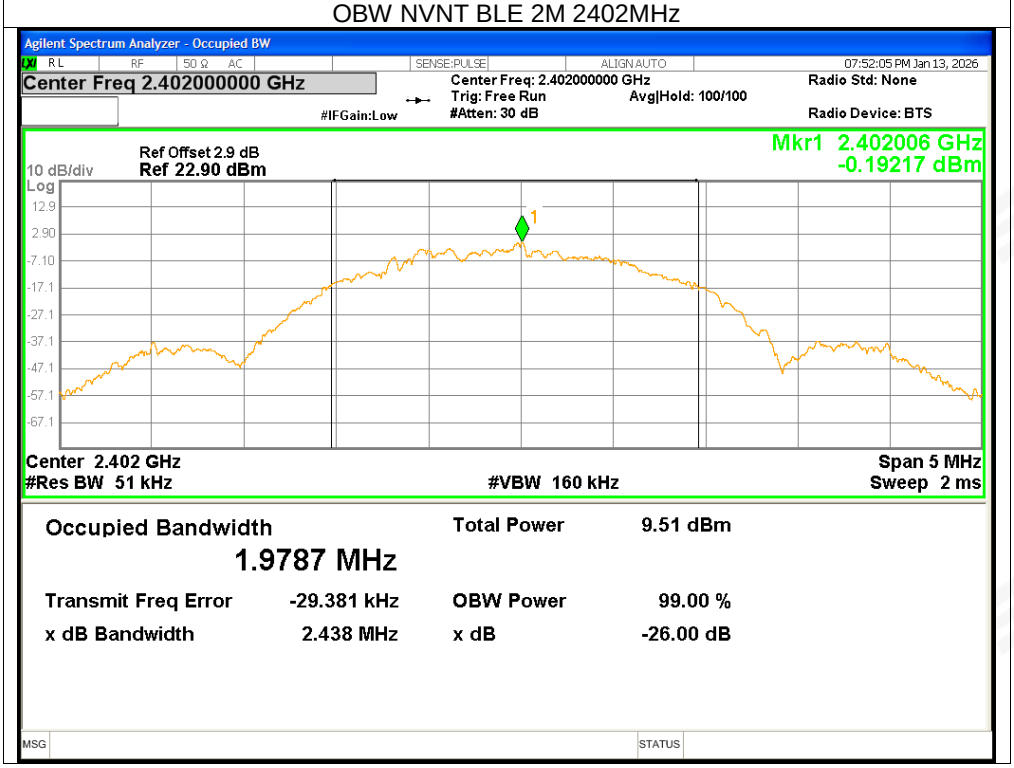
OBW NVNT BLE 1M 2440MHz



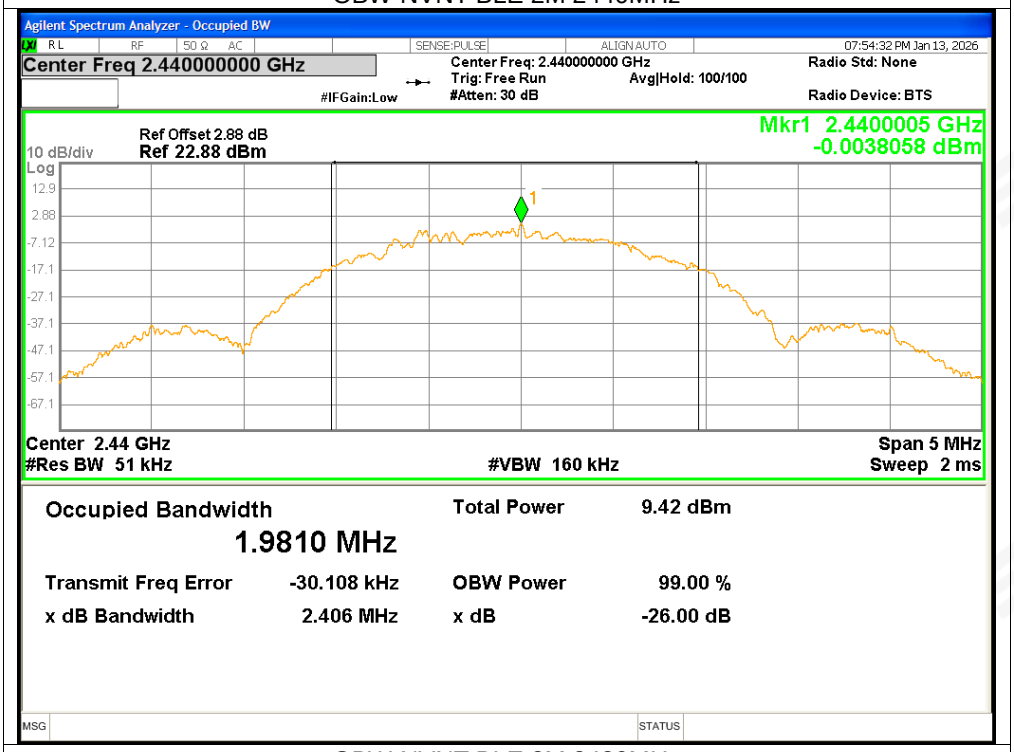
OBW NVNT BLE 1M 2480MHz



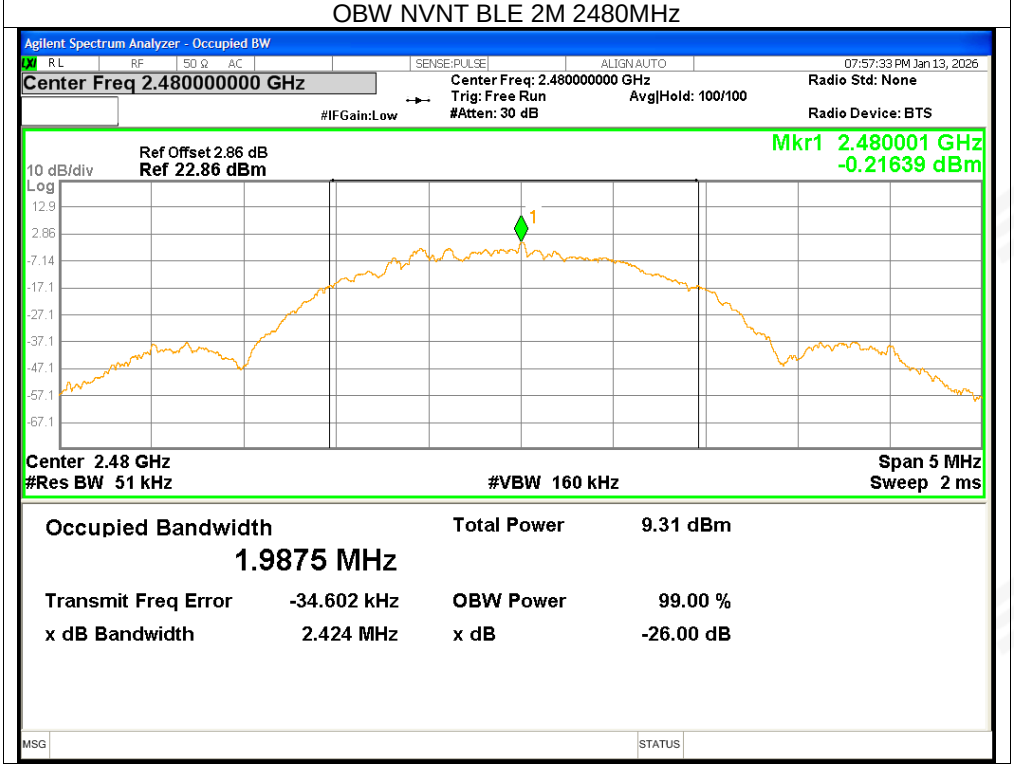
OBW NVNT BLE 2M 2402MHz



OBW NVNT BLE 2M 2440MHz



OBW NVNT BLE 2M 2480MHz

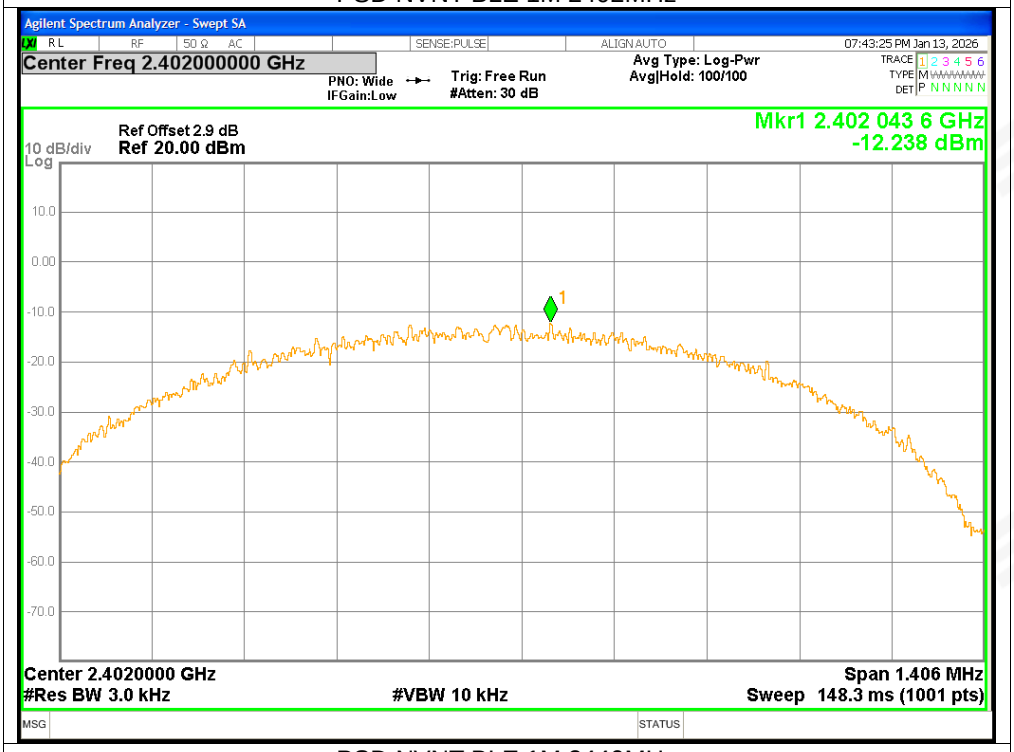


Maximum Power Spectral Density Level

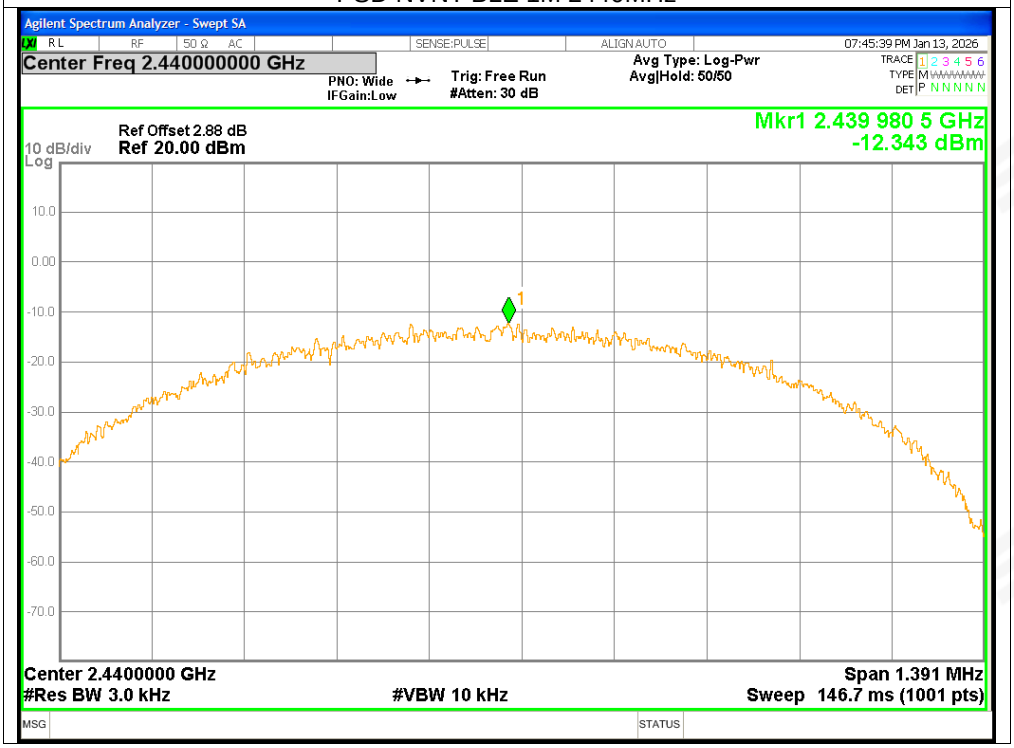
Condition	Mode	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	-12.24	<=8	Pass
NVNT	BLE 1M	2440	-12.34	<=8	Pass
NVNT	BLE 1M	2480	-12.02	<=8	Pass
NVNT	BLE 2M	2402	-15.2	<=8	Pass
NVNT	BLE 2M	2440	-15.29	<=8	Pass
NVNT	BLE 2M	2480	-15.28	<=8	Pass

Test Graphs

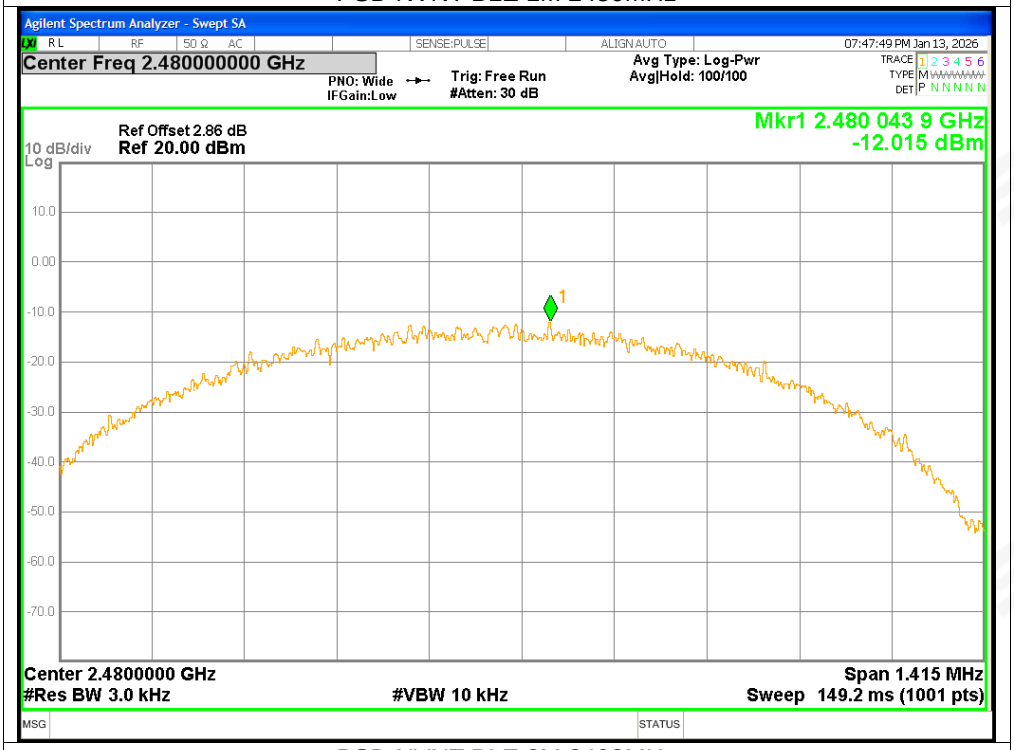
PSD NVNT BLE 1M 2402MHz



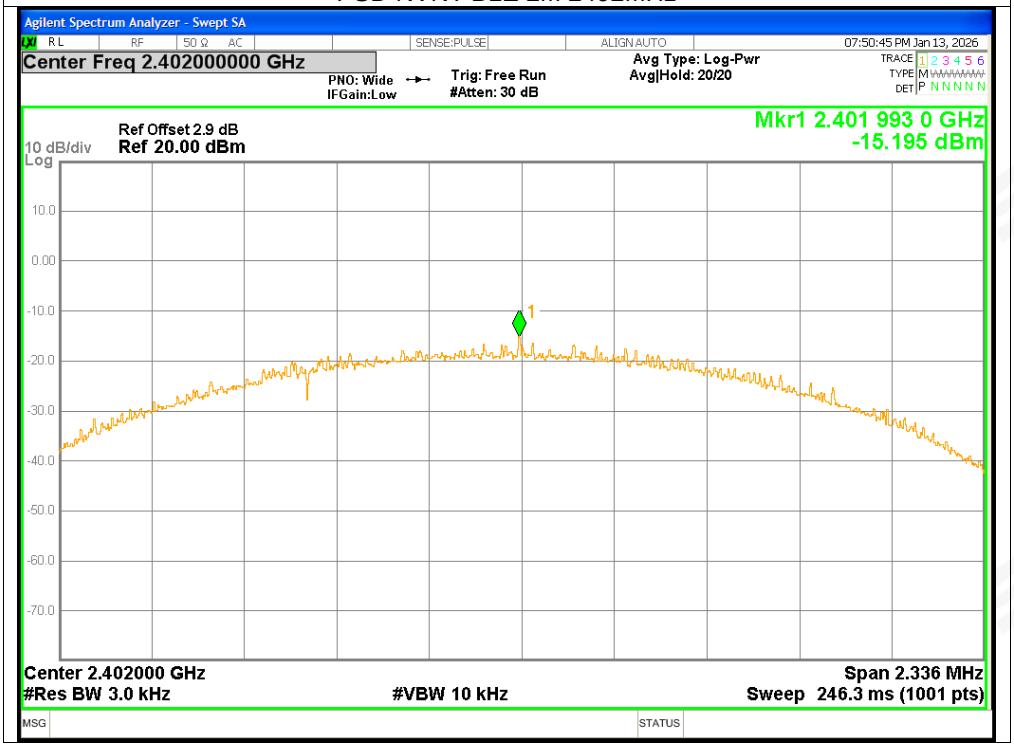
PSD NVNT BLE 1M 2440MHz



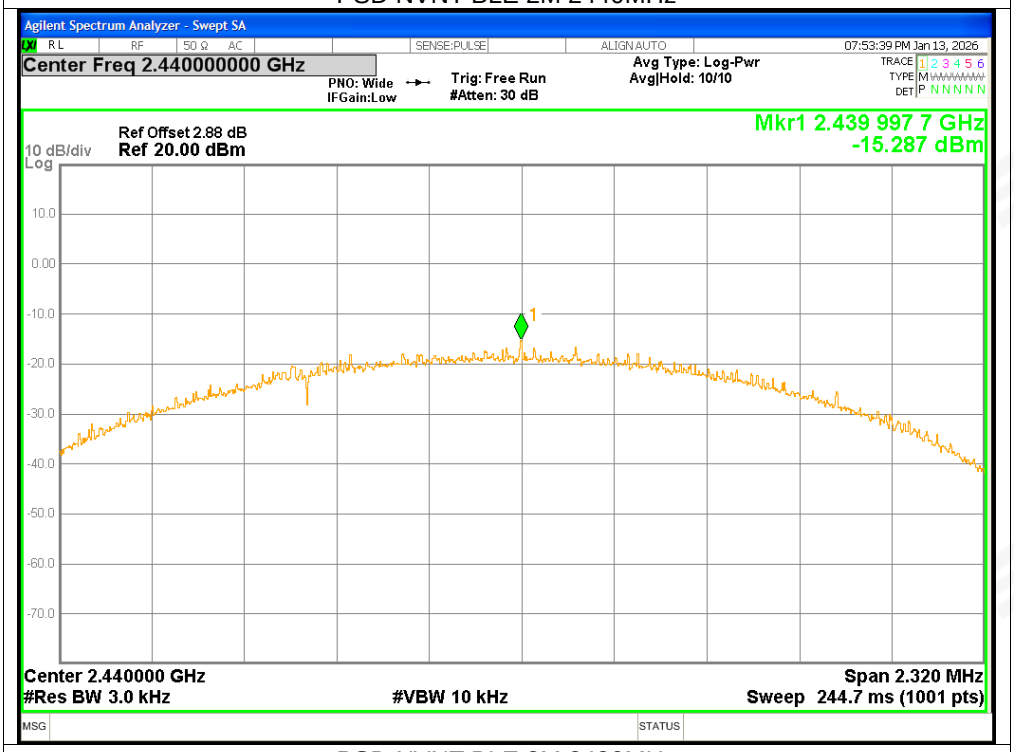
PSD NVNT BLE 1M 2480MHz



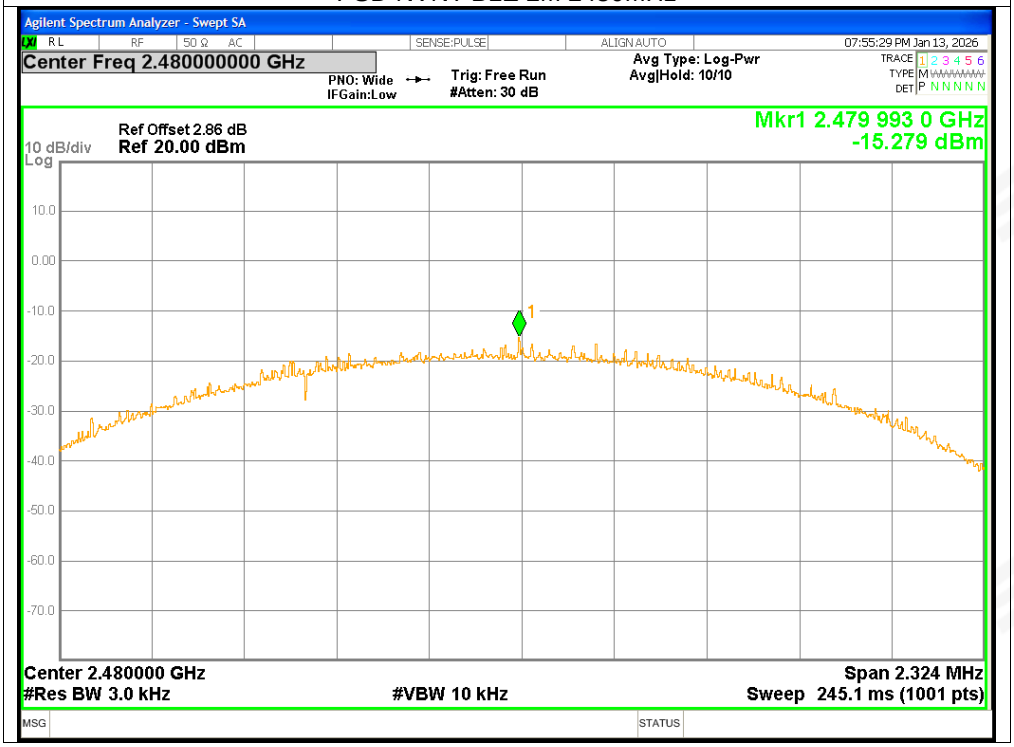
PSD NVNT BLE 2M 2402MHz



PSD NVNT BLE 2M 2440MHz



PSD NVNT BLE 2M 2480MHz

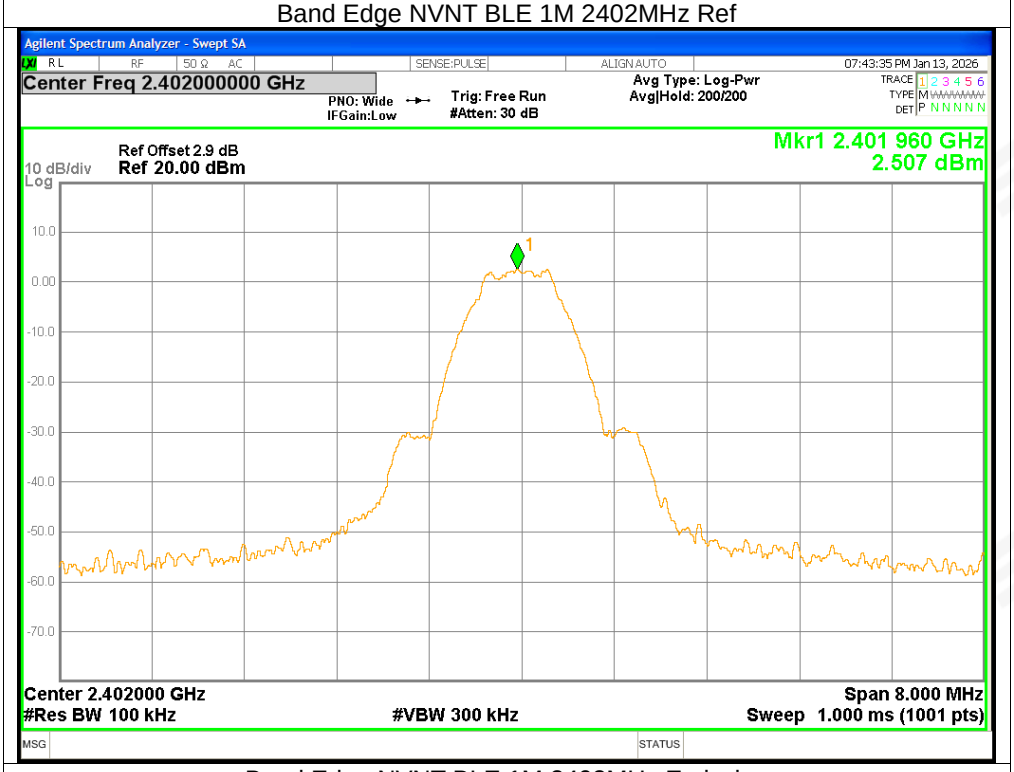


Band Edge

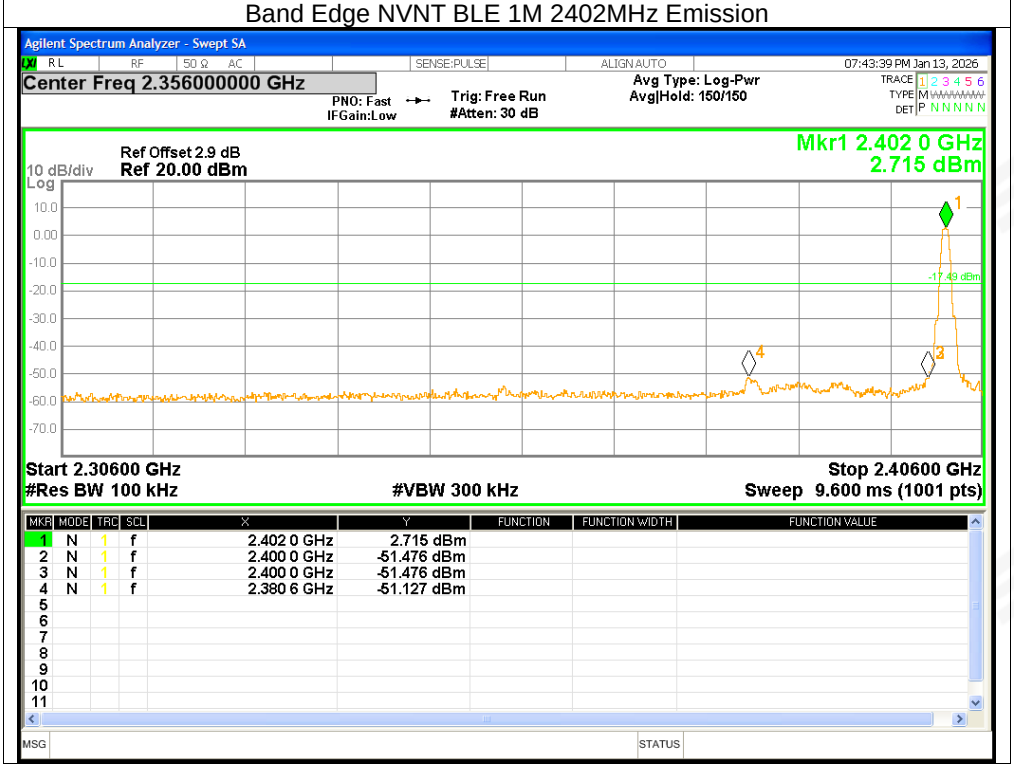
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	-53.63	<=-20	Pass
NVNT	BLE 1M	2480	-56.29	<=-20	Pass
NVNT	BLE 2M	2402	-36.85	<=-20	Pass
NVNT	BLE 2M	2480	-50.8	<=-20	Pass

Test Graphs

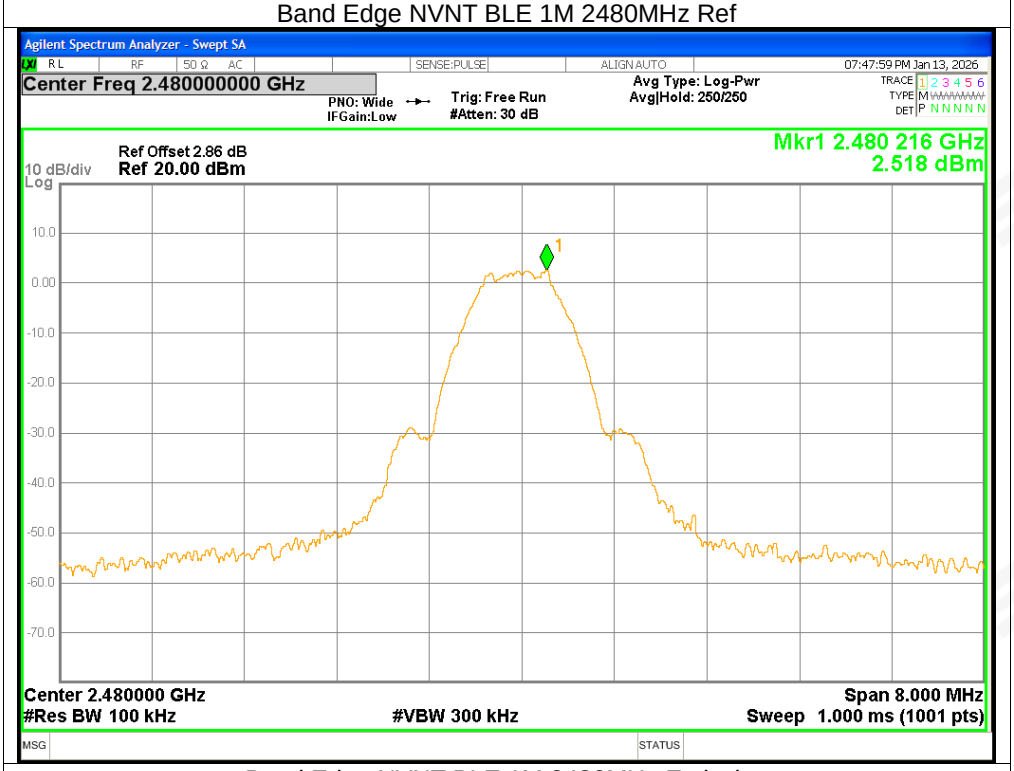
Band Edge NVNT BLE 1M 2402MHz Ref



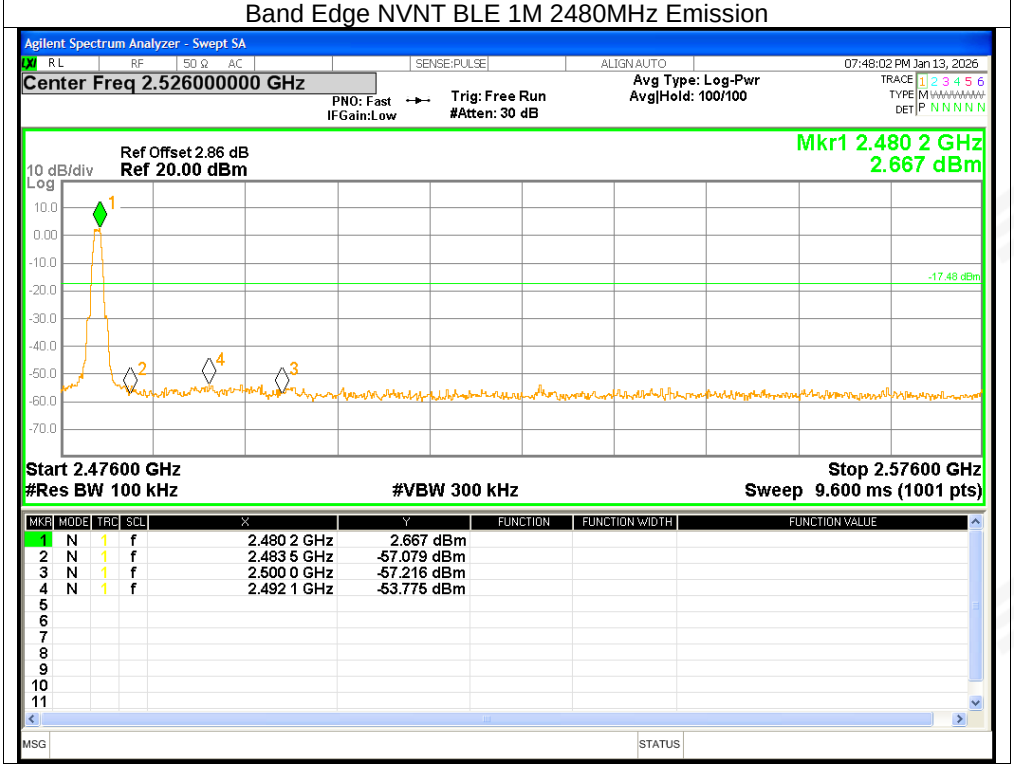
Band Edge NVNT BLE 1M 2402MHz Emission



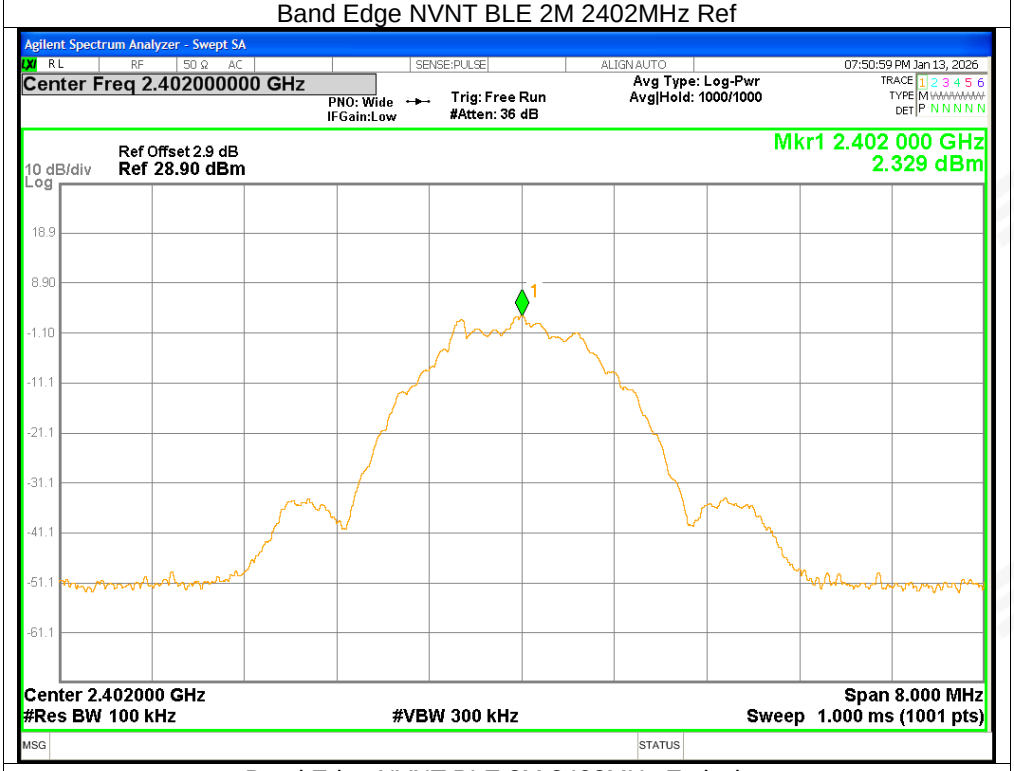
Band Edge NVNT BLE 1M 2480MHz Ref



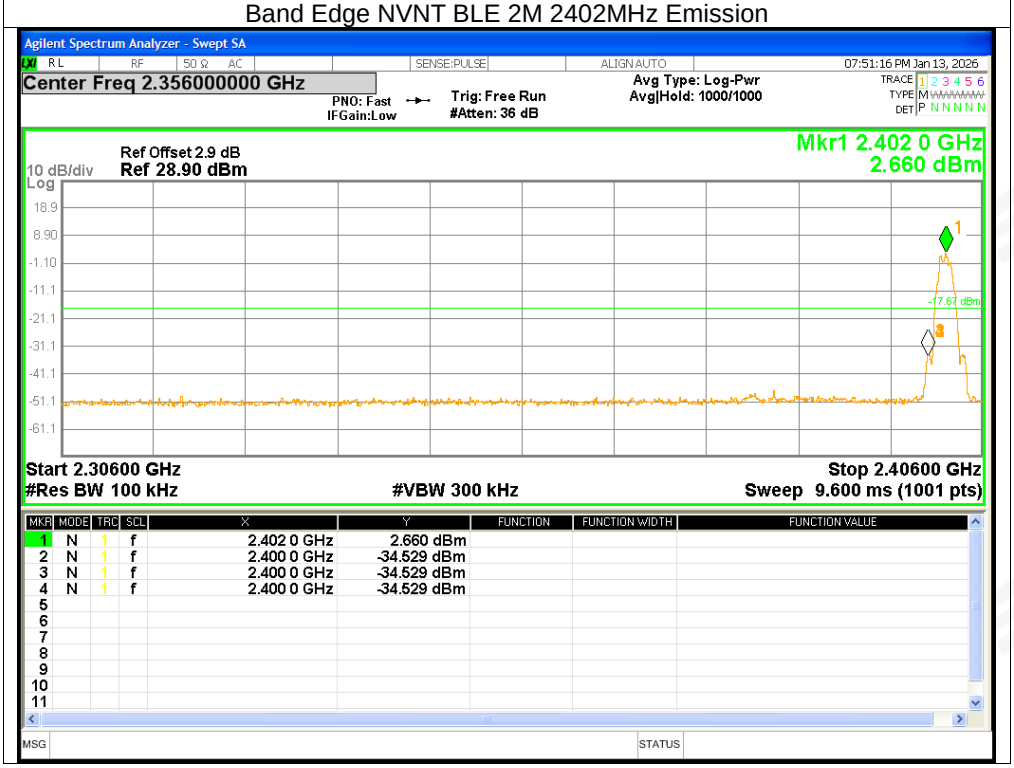
Band Edge NVNT BLE 1M 2480MHz Emission



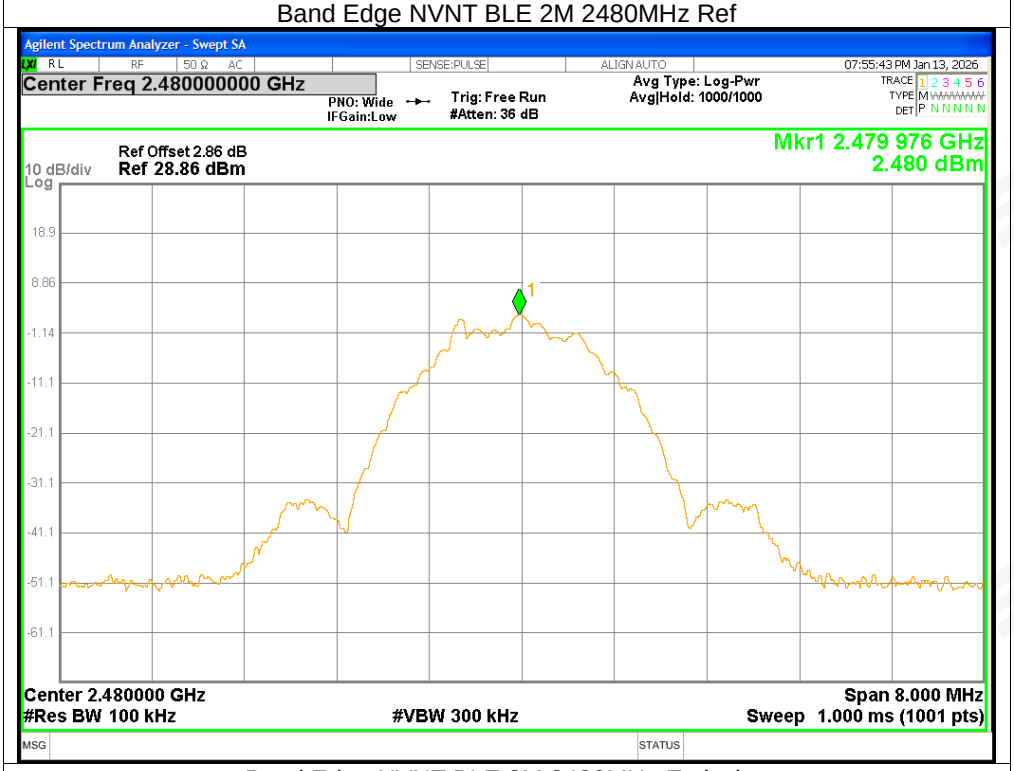
Band Edge NVNT BLE 2M 2402MHz Ref



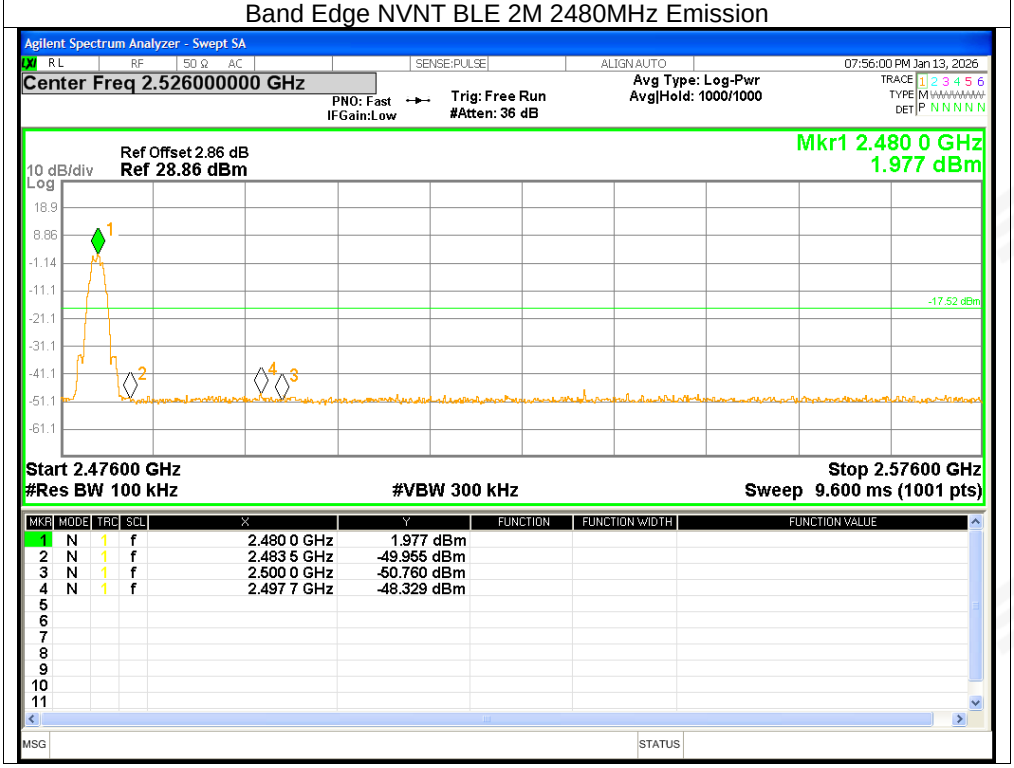
Band Edge NVNT BLE 2M 2402MHz Emission



Band Edge NVNT BLE 2M 2480MHz Ref



Band Edge NVNT BLE 2M 2480MHz Emission

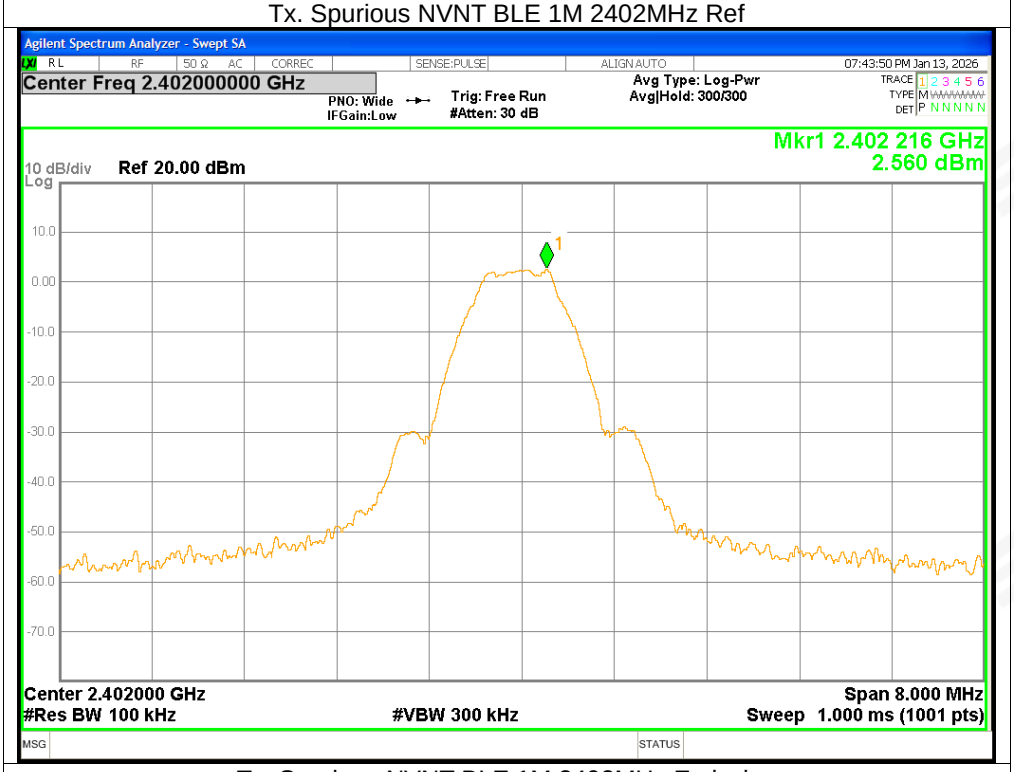


Conducted RF Spurious Emission

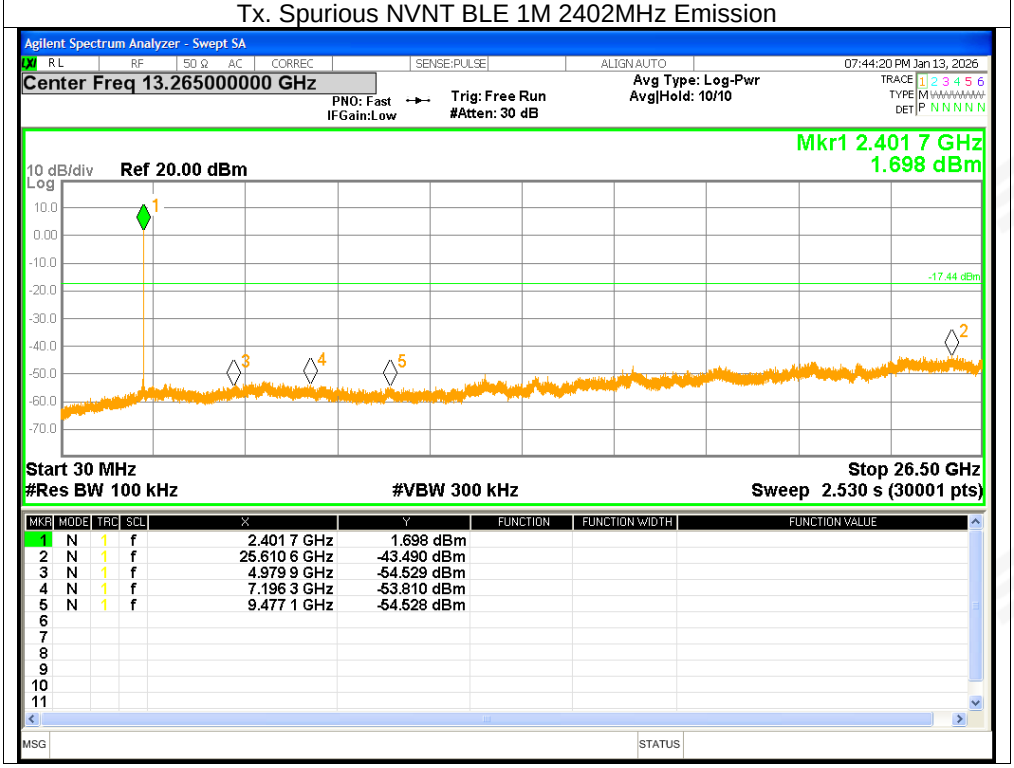
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	-46.04	<=-20	Pass
NVNT	BLE 1M	2440	-46.07	<=-20	Pass
NVNT	BLE 1M	2480	-45.37	<=-20	Pass
NVNT	BLE 2M	2402	-37.41	<=-20	Pass
NVNT	BLE 2M	2440	-38.66	<=-20	Pass
NVNT	BLE 2M	2480	-38.41	<=-20	Pass

Test Graphs

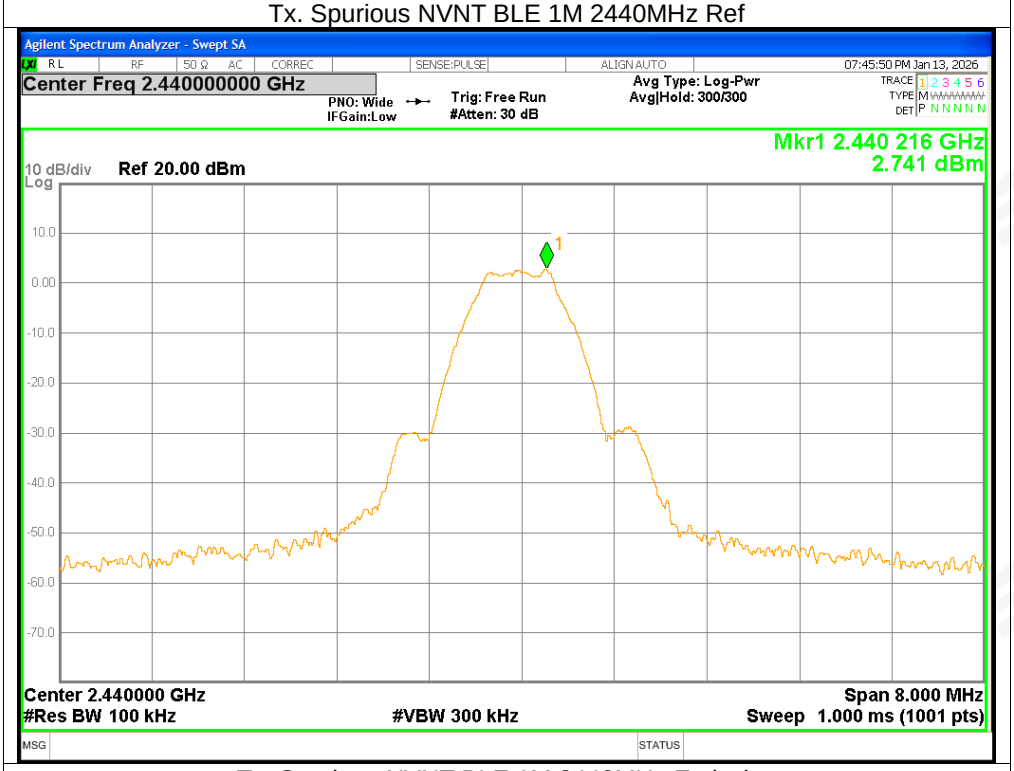
Tx. Spurious NVNT BLE 1M 2402MHz Ref



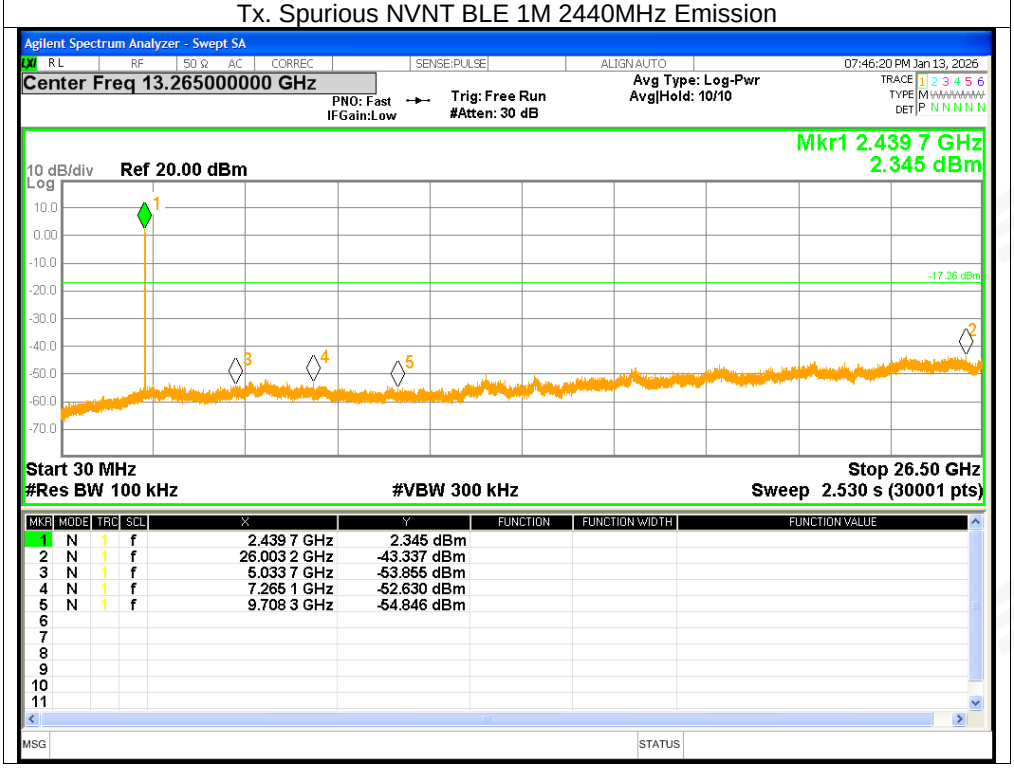
Tx. Spurious NVNT BLE 1M 2402MHz Emission



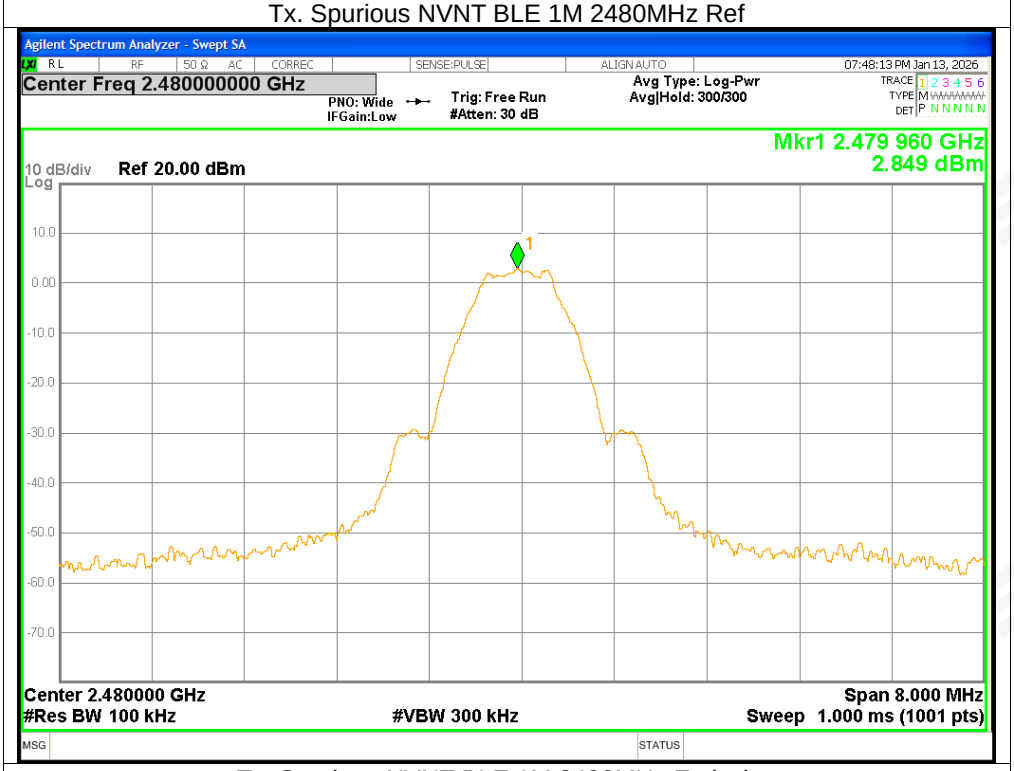
Tx. Spurious NVNT BLE 1M 2440MHz Ref



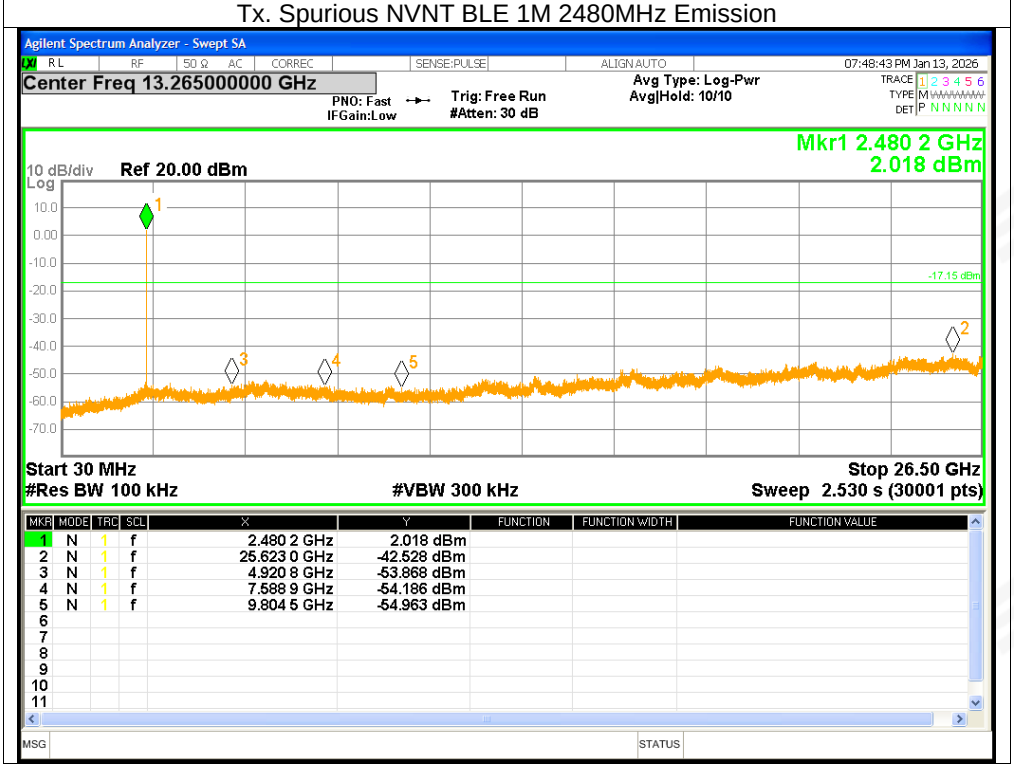
Tx. Spurious NVNT BLE 1M 2440MHz Emission



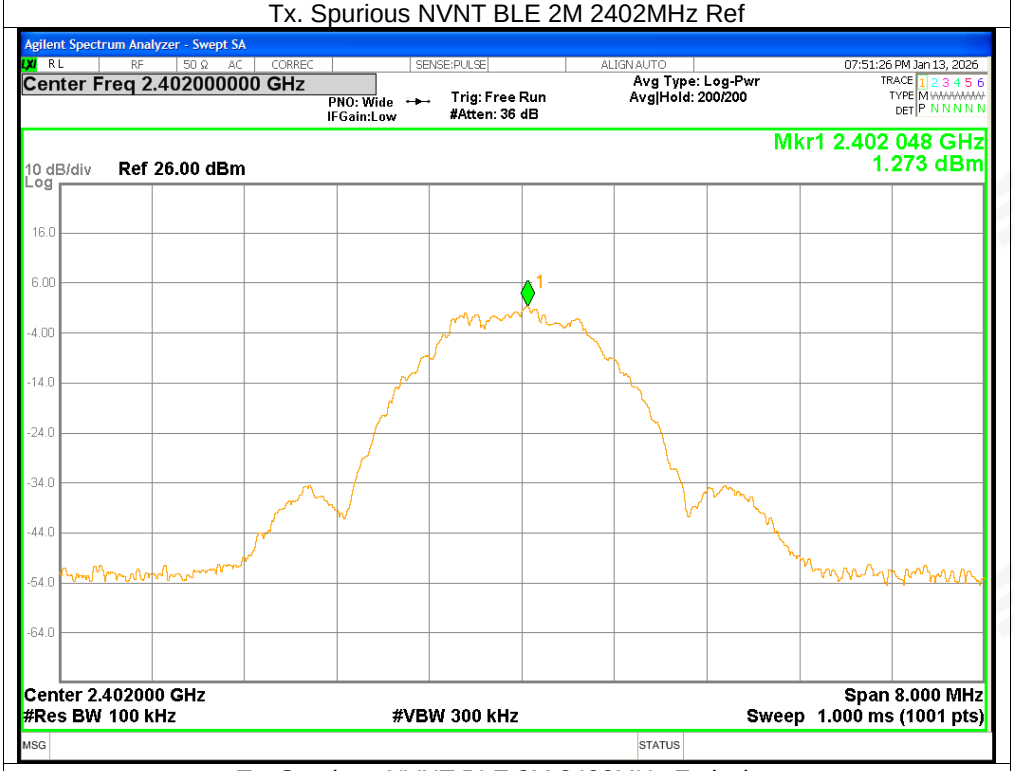
Tx. Spurious NVNT BLE 1M 2480MHz Ref



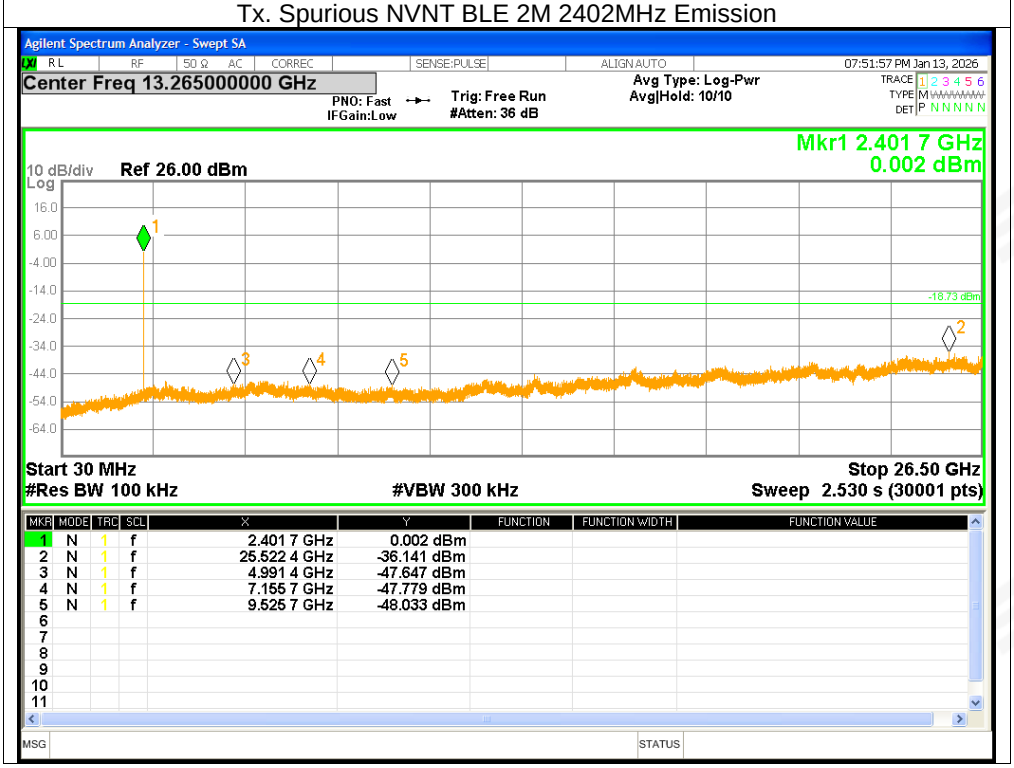
Tx. Spurious NVNT BLE 1M 2480MHz Emission



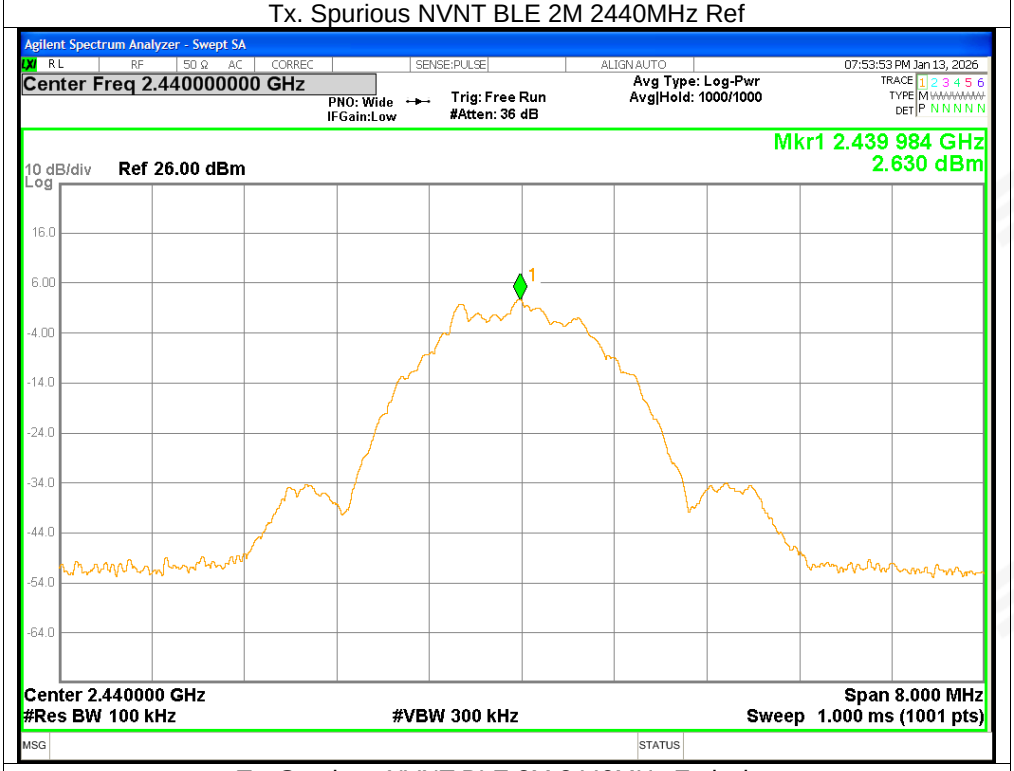
Tx. Spurious NVNT BLE 2M 2402MHz Ref



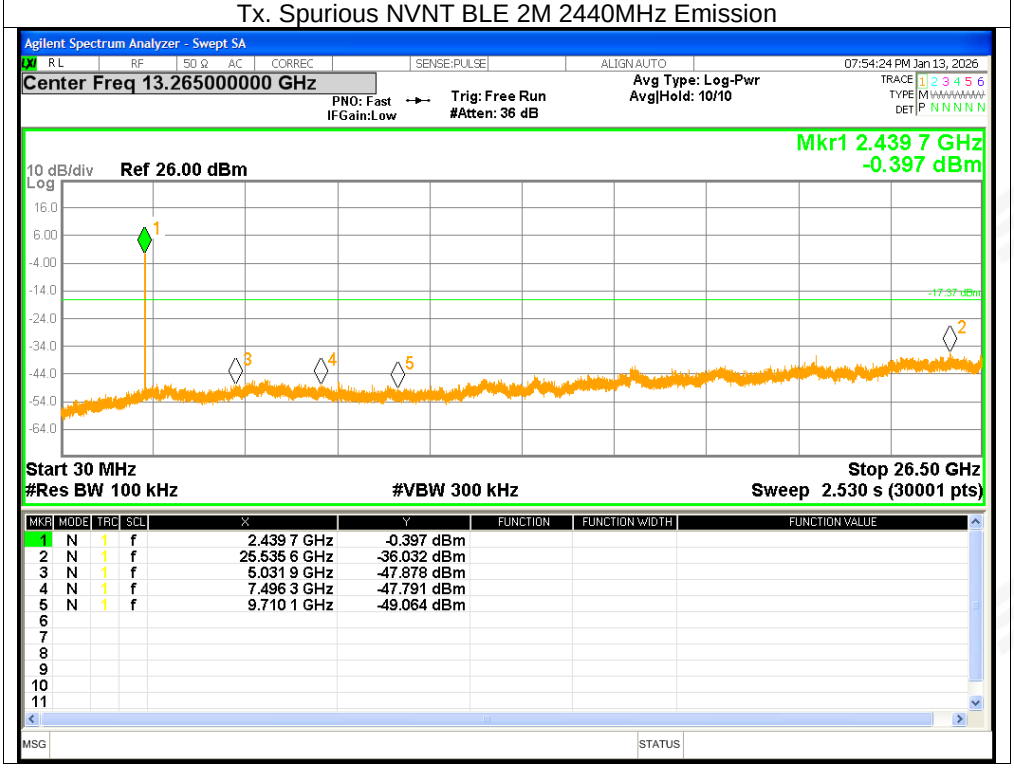
Tx. Spurious NVNT BLE 2M 2402MHz Emission



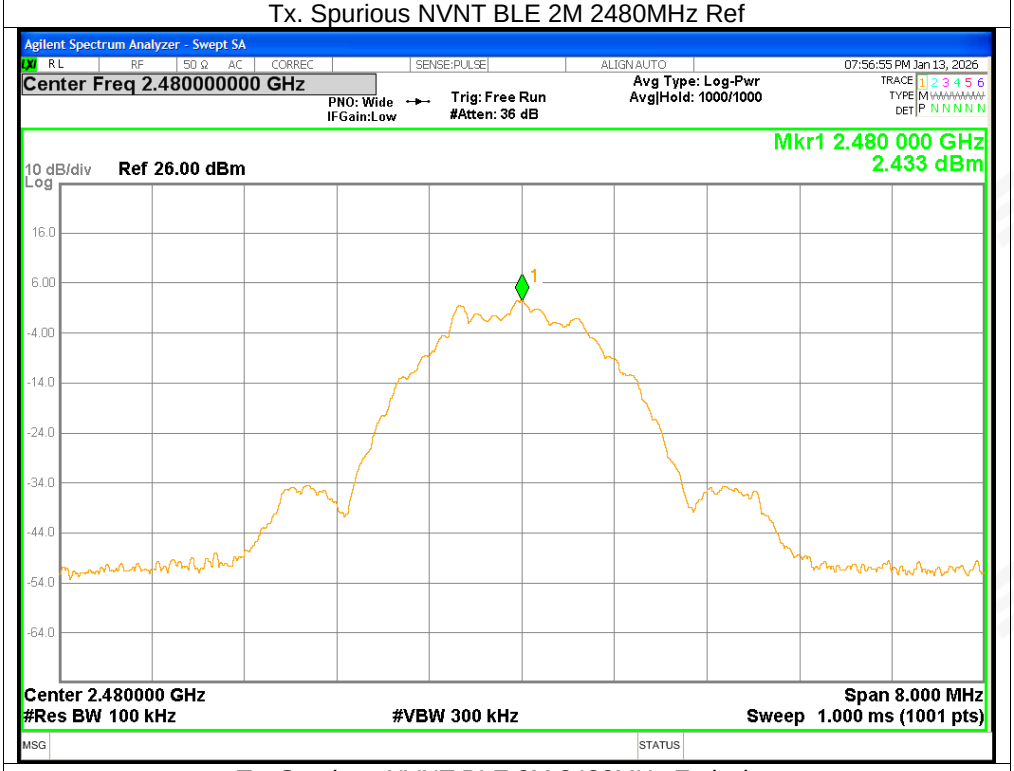
Tx. Spurious NVNT BLE 2M 2440MHz Ref



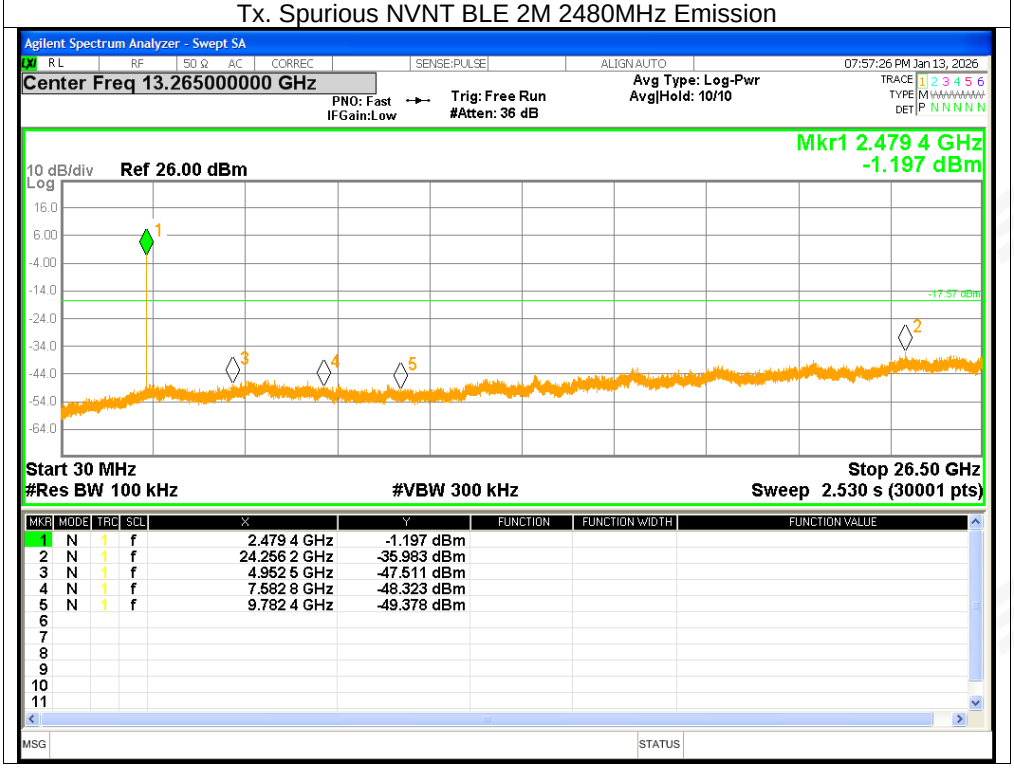
Tx. Spurious NVNT BLE 2M 2440MHz Emission



Tx. Spurious NVNT BLE 2M 2480MHz Ref



Tx. Spurious NVNT BLE 2M 2480MHz Emission



APPENDIX 2- EUT TEST PHOTO

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

※※※※※END OF THE REPORT※※※※※