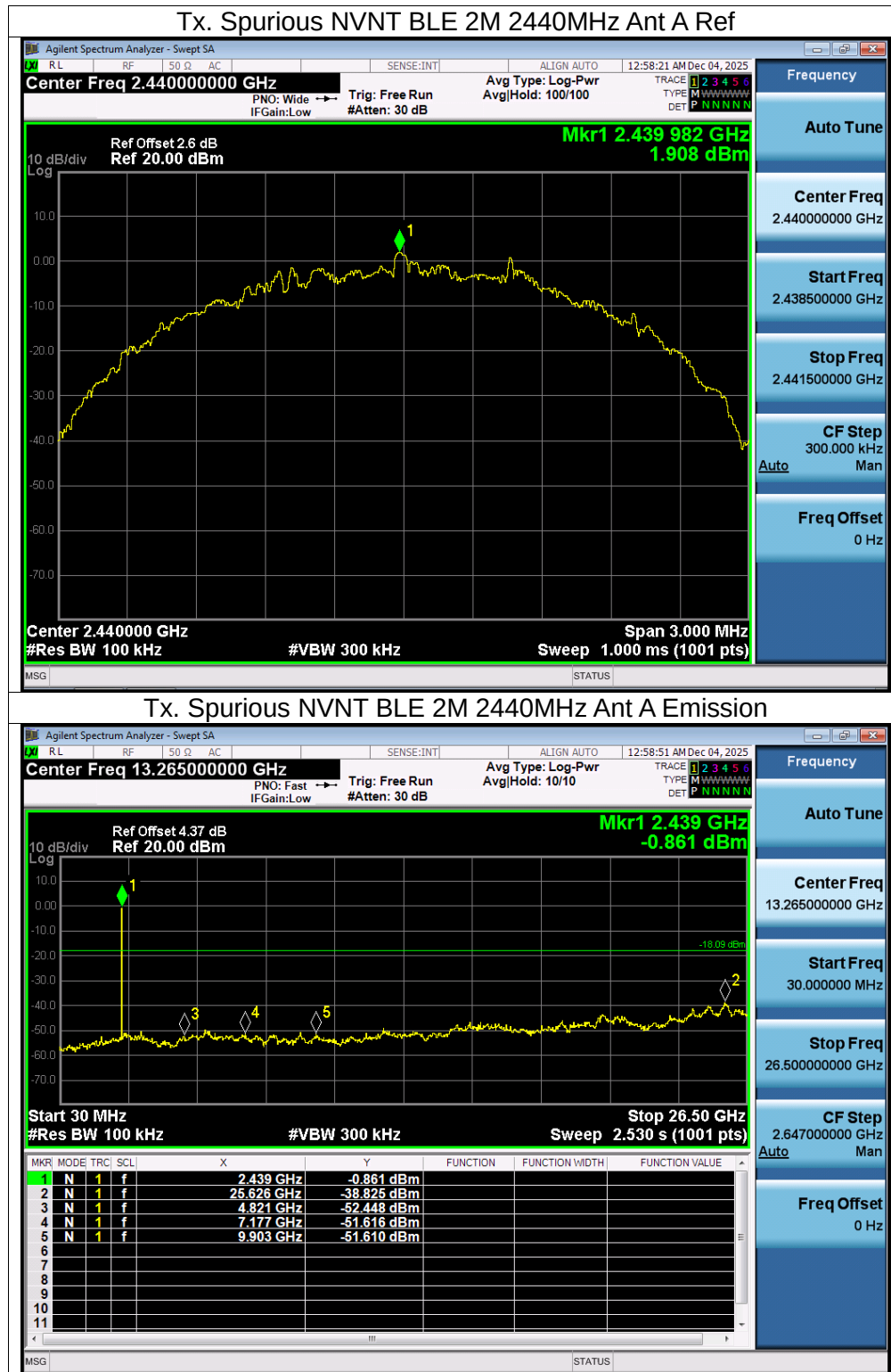
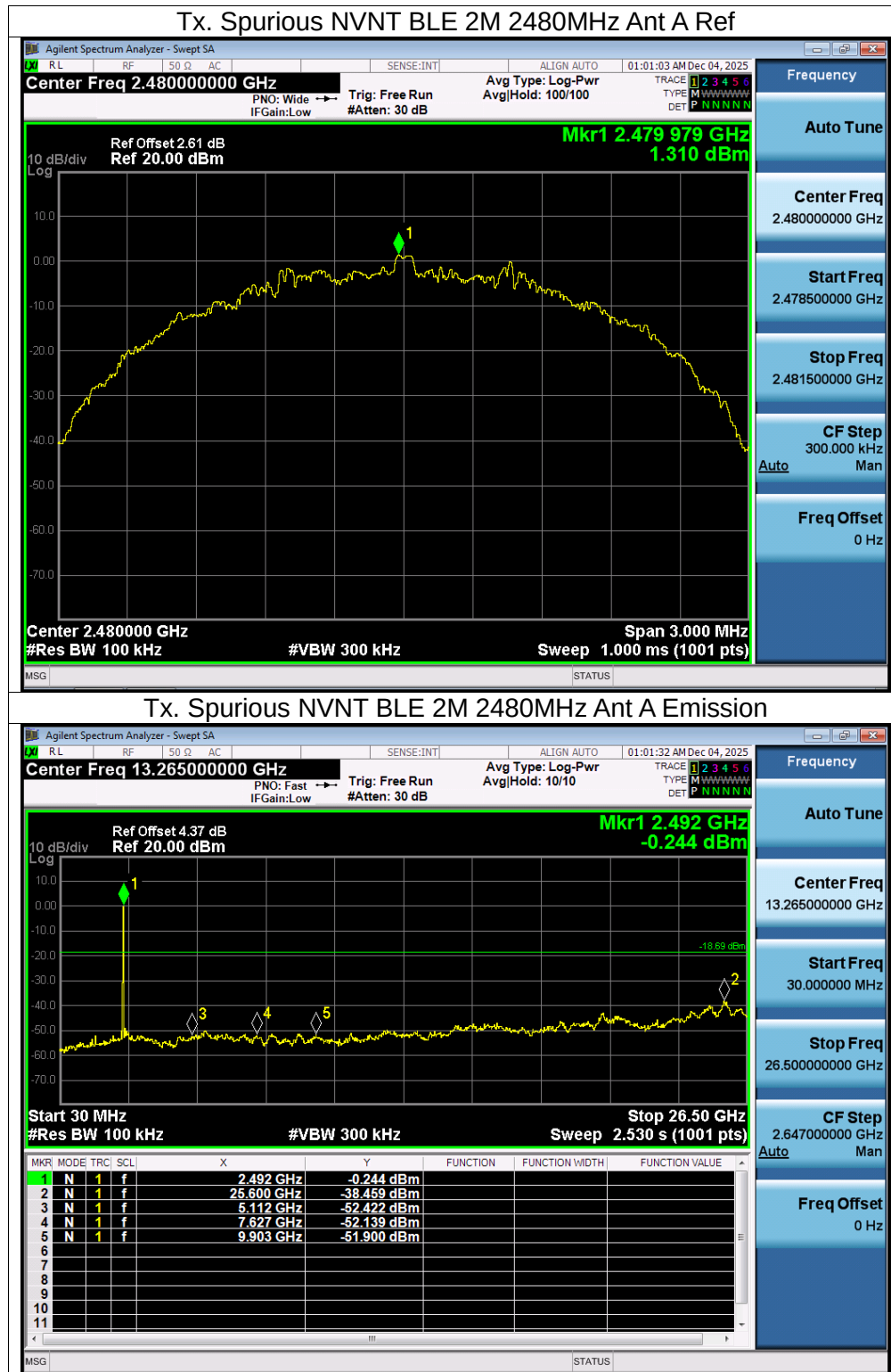








Antenna B

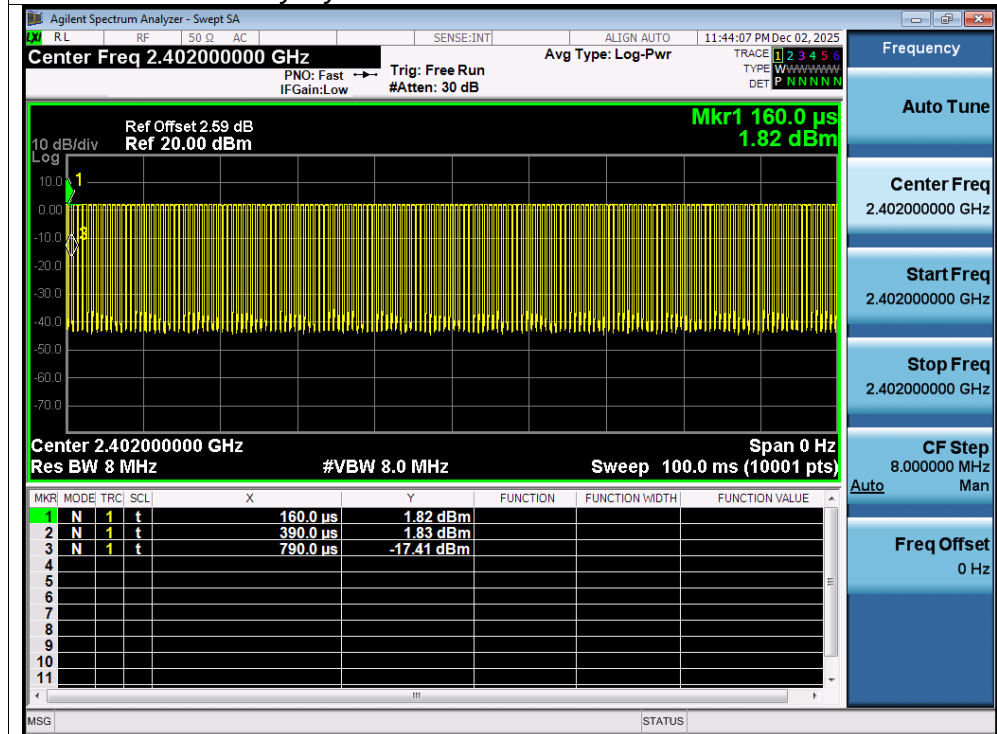
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	BLE 1M	2402	Ant B	63.49	1.97
NVNT	BLE 1M	2440	Ant B	61.9	2.08
NVNT	BLE 1M	2480	Ant B	63.49	1.97
NVNT	BLE 2M	2402	Ant B	57.75	2.38
NVNT	BLE 2M	2440	Ant B	57.75	2.38
NVNT	BLE 2M	2480	Ant B	57.75	2.38

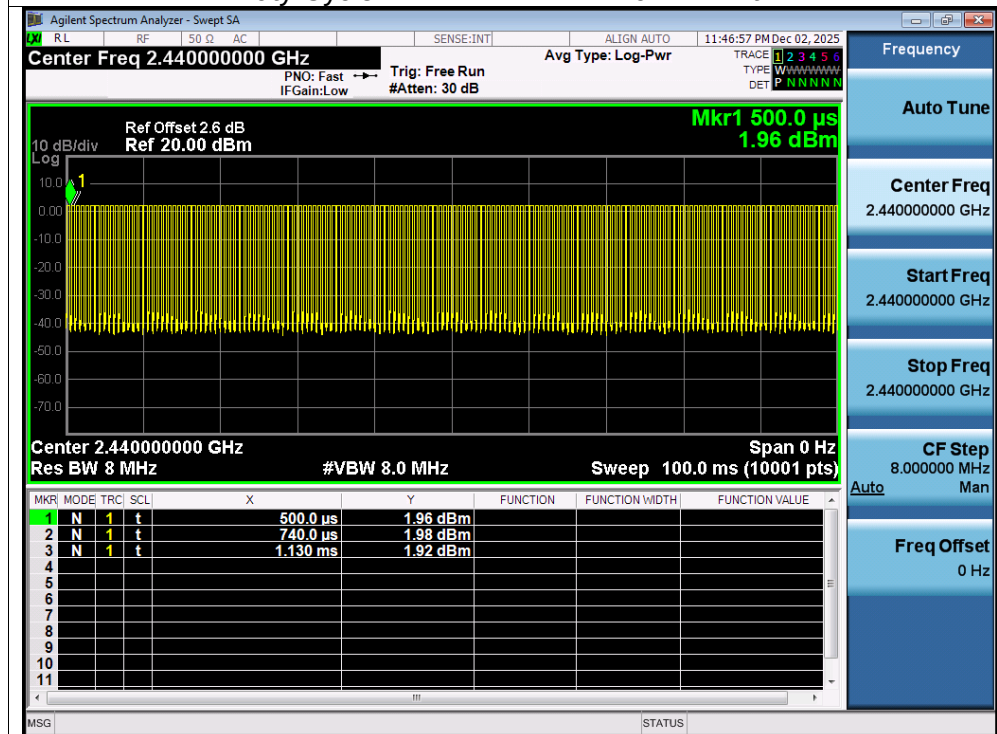


Test Graphs

Duty Cycle NVNT BLE 1M 2402MHz Ant B

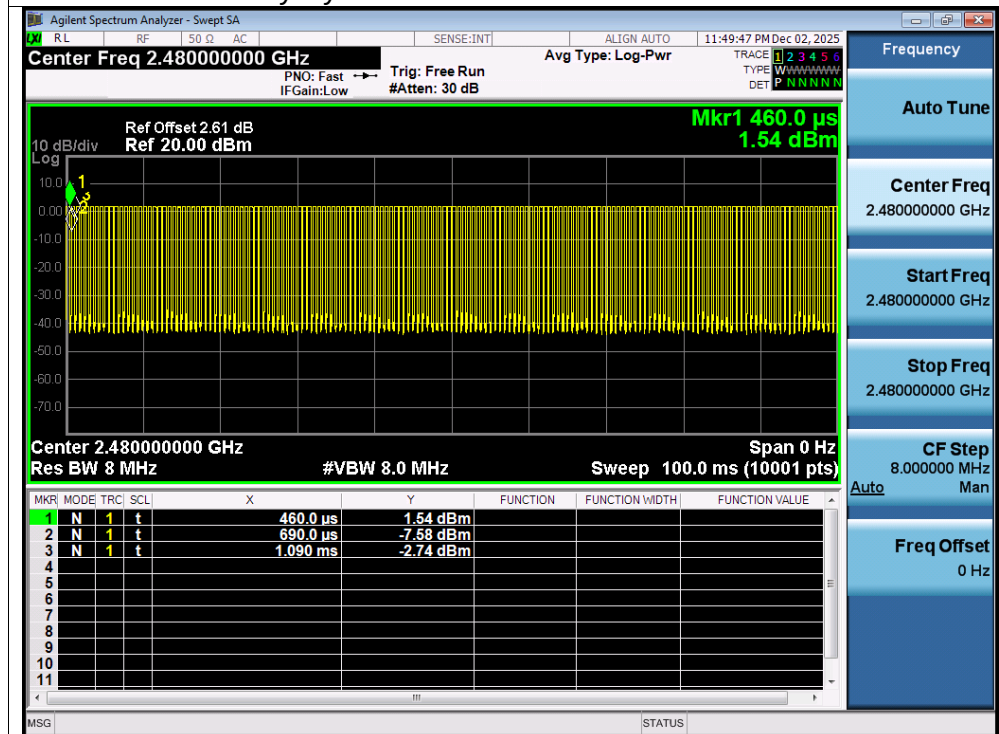


Duty Cycle NVNT BLE 1M 2440MHz Ant B

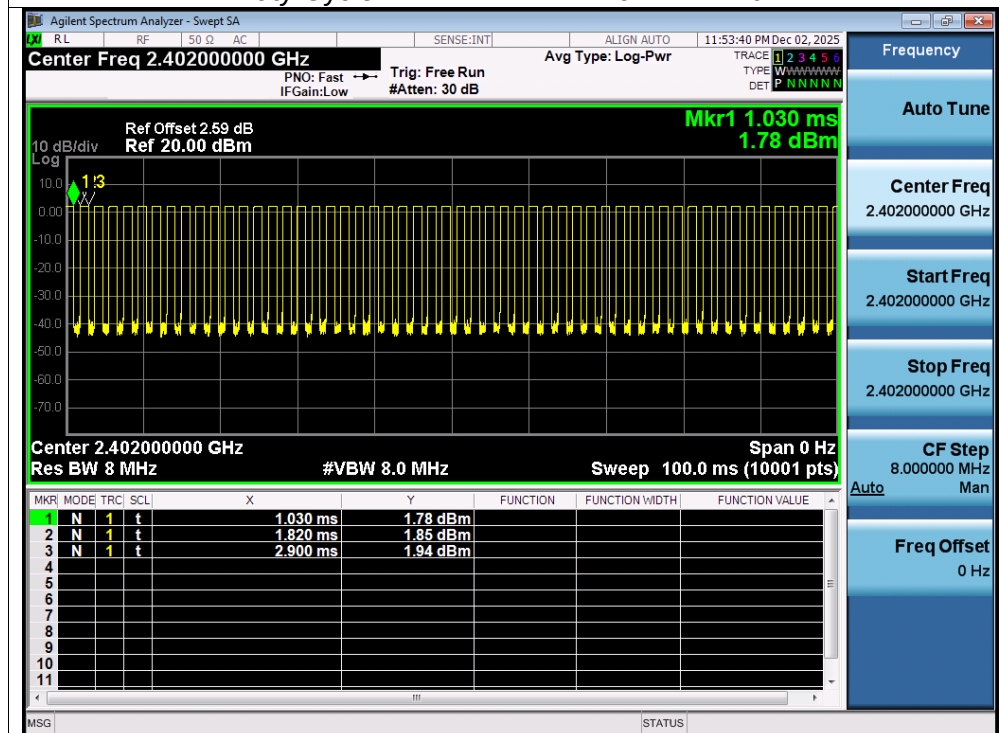




Duty Cycle NVNT BLE 1M 2480MHz Ant B

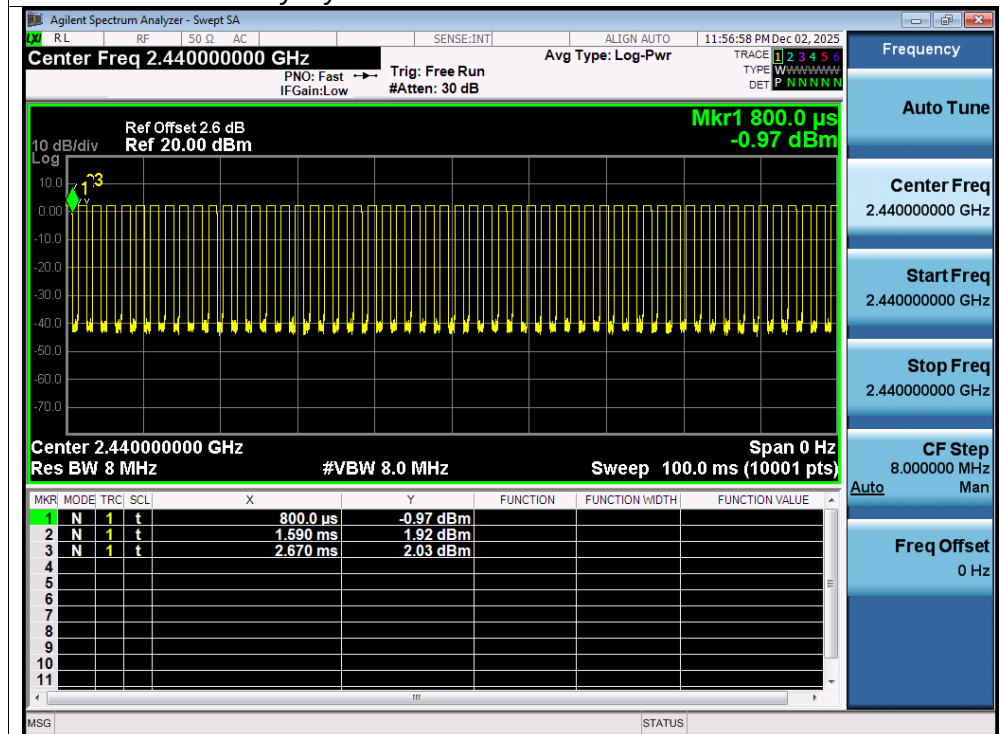


Duty Cycle NVNT BLE 2M 2402MHz Ant B

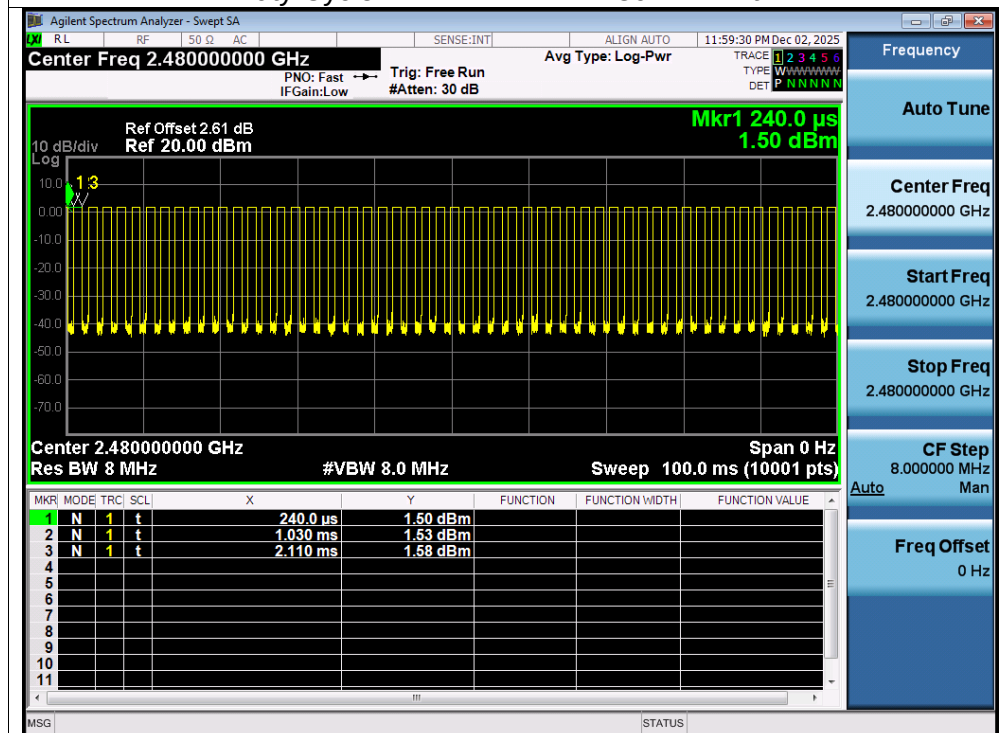




Duty Cycle NVNT BLE 2M 2440MHz Ant B



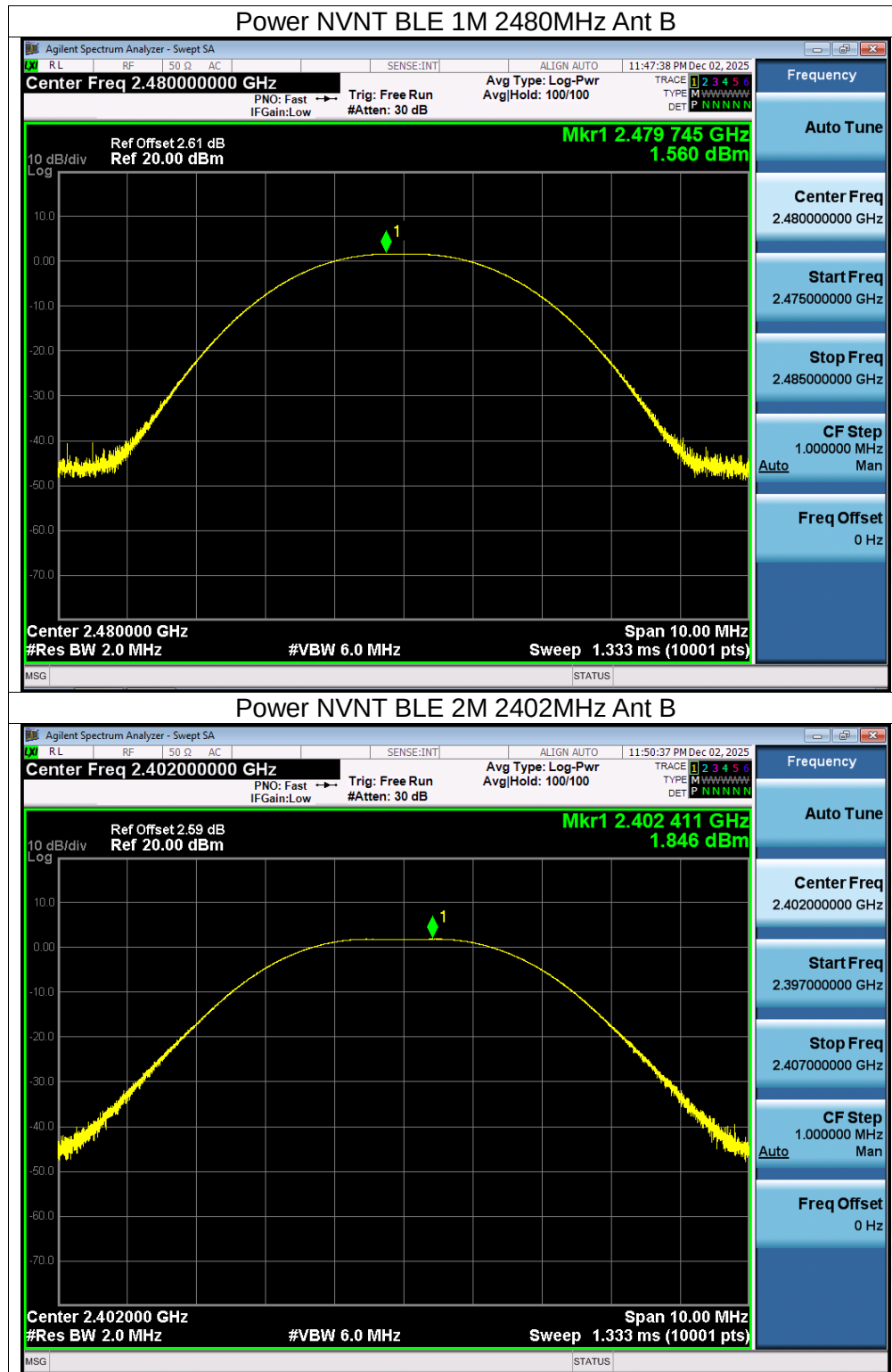
Duty Cycle NVNT BLE 2M 2480MHz Ant B





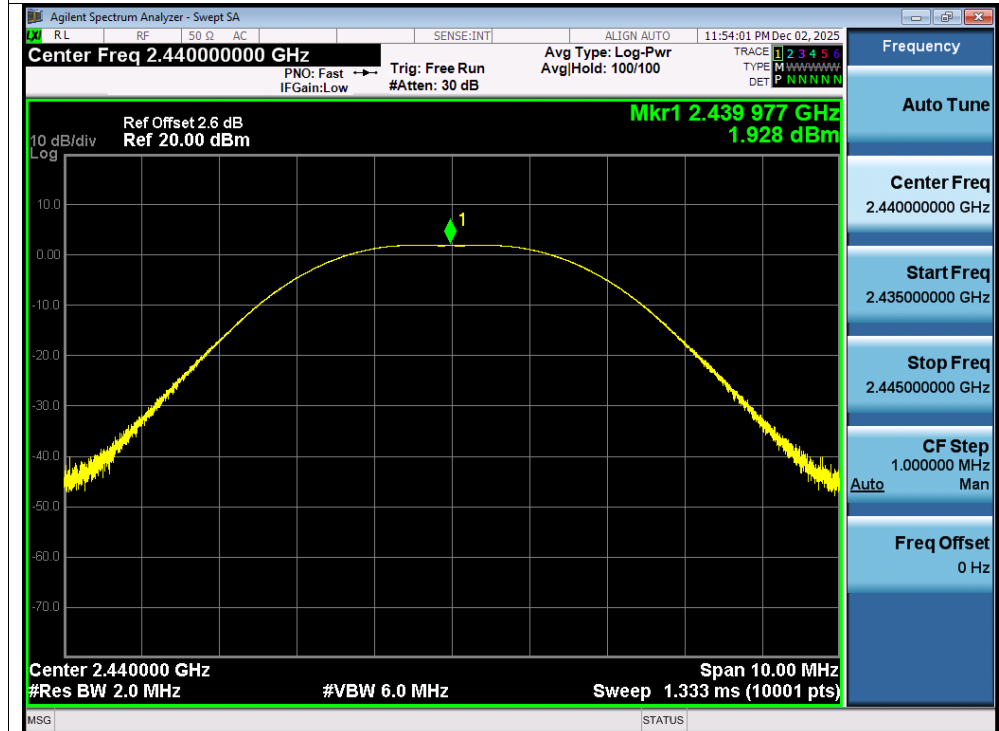
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant B	1.85	30	Pass
NVNT	BLE 1M	2440	Ant B	1.97	30	Pass
NVNT	BLE 1M	2480	Ant B	1.56	30	Pass
NVNT	BLE 2M	2402	Ant B	1.85	30	Pass
NVNT	BLE 2M	2440	Ant B	1.93	30	Pass
NVNT	BLE 2M	2480	Ant B	1.53	30	Pass

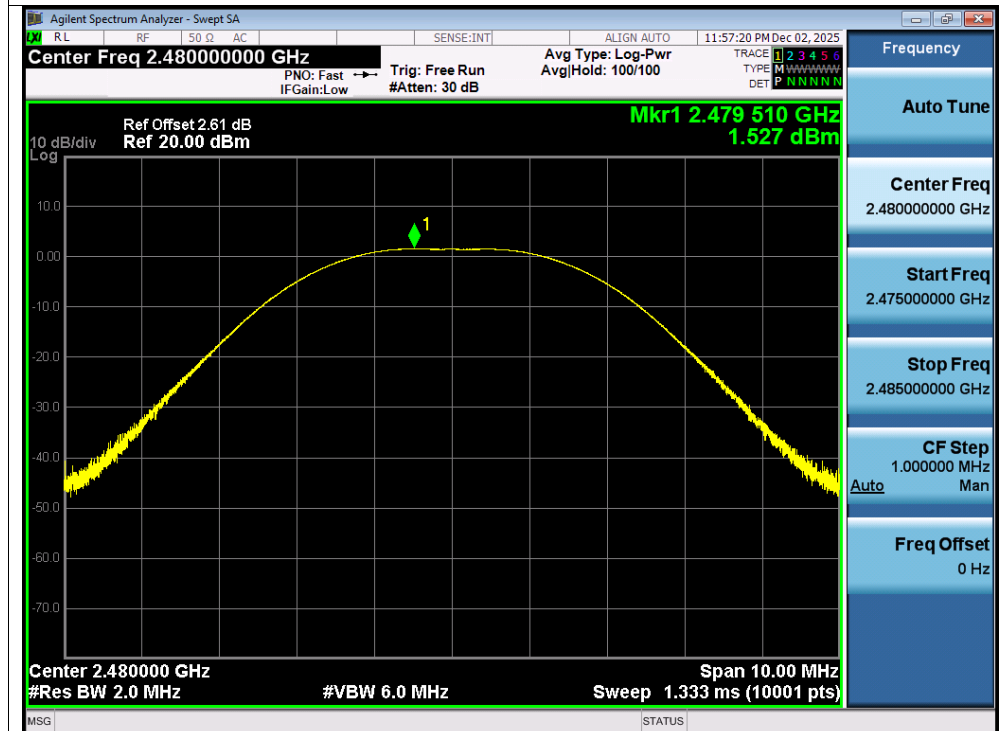




Power NVNT BLE 2M 2440MHz Ant B



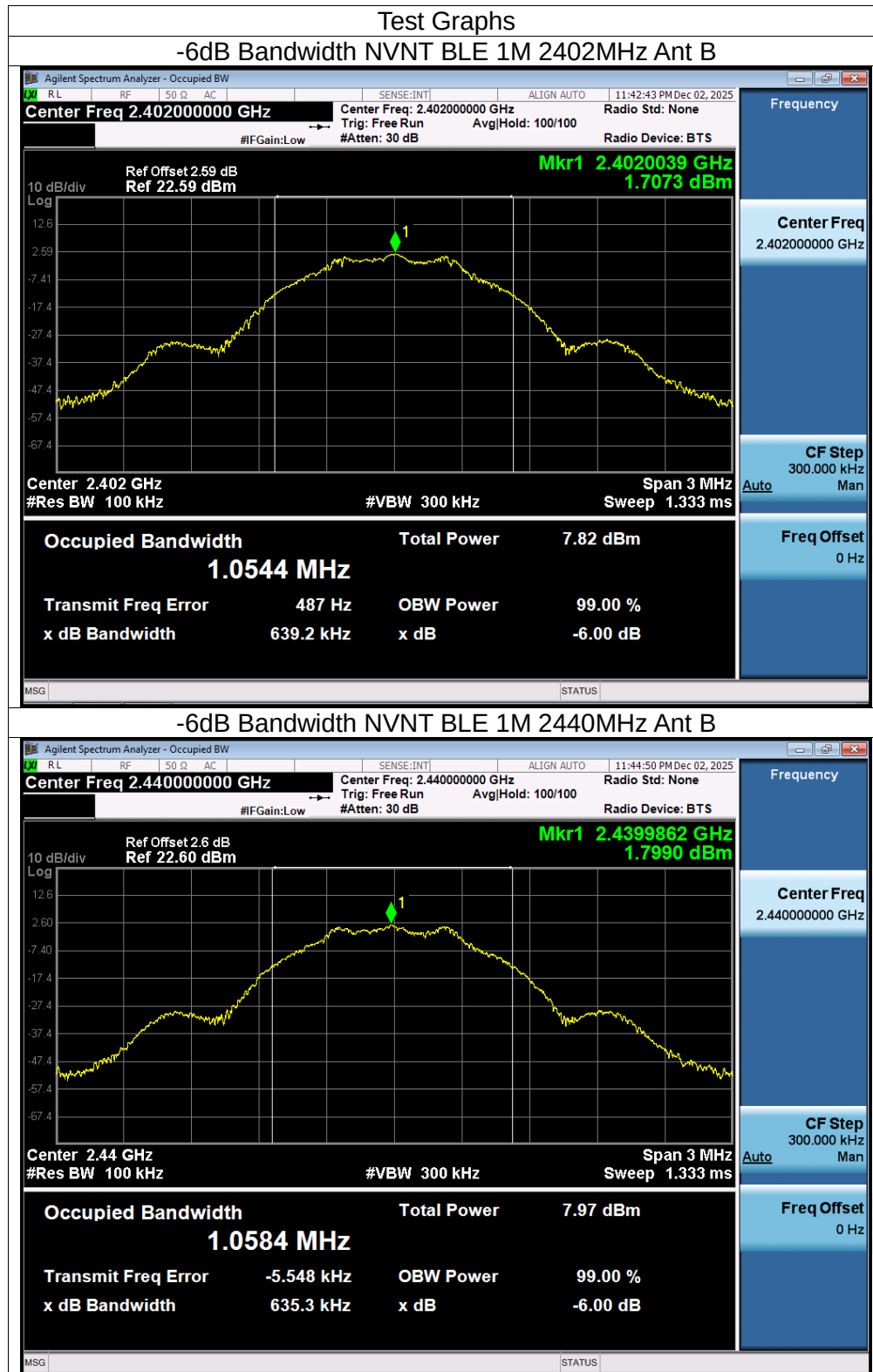
Power NVNT BLE 2M 2480MHz Ant B

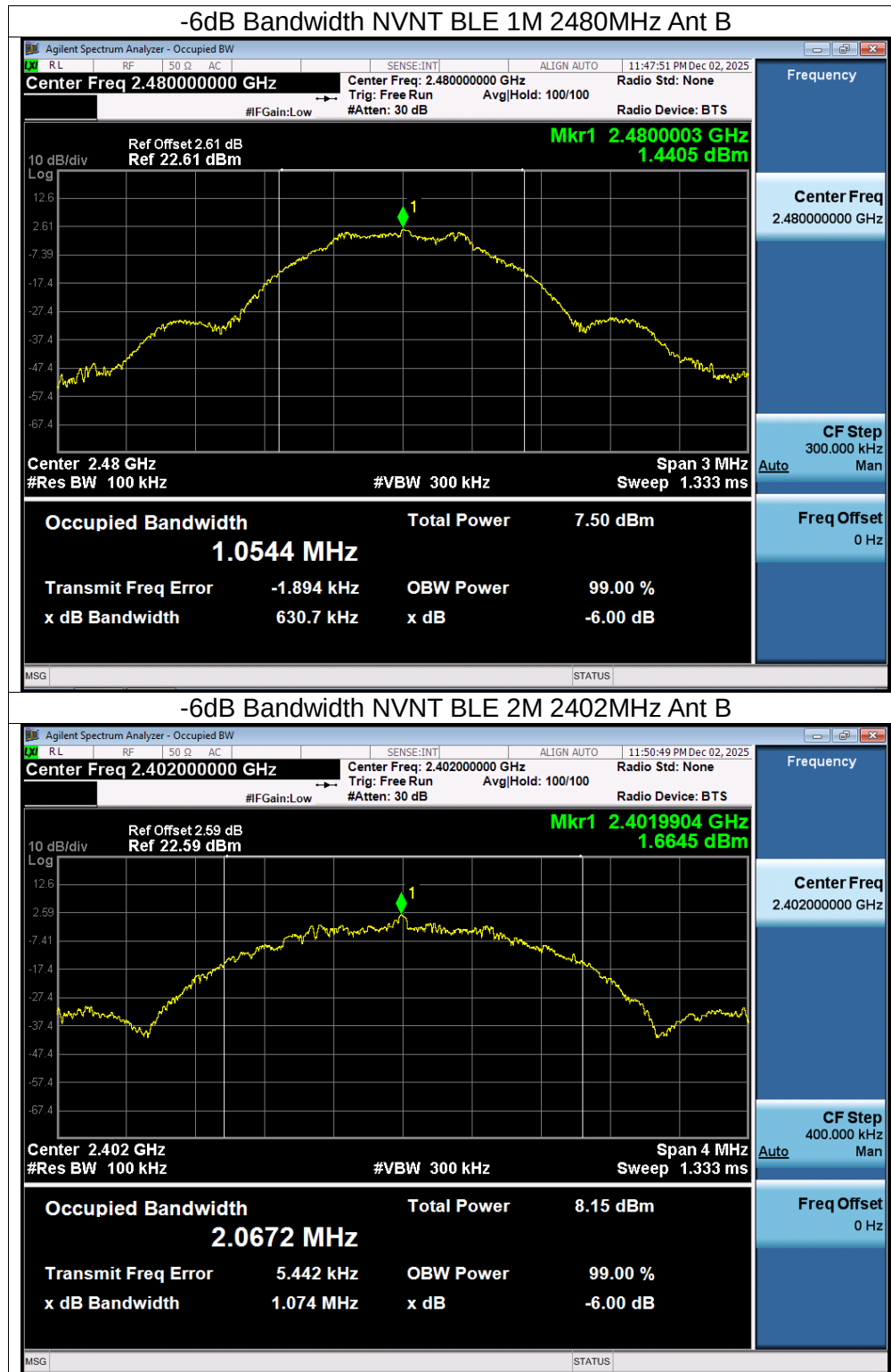




-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant B	0.639	0.5	Pass
		NVNTBLE 1M 2440		0.635	0.5	Pass
		NVNTBLE 1M 2480		0.631	0.5	Pass
	NVNT BLE 2M	2402		1.074	0.5	Pass
		NVNTBLE 2M 2440		1.102	0.5	Pass
		NVNTBLE 2M 2480		1.118	0.5	Pass









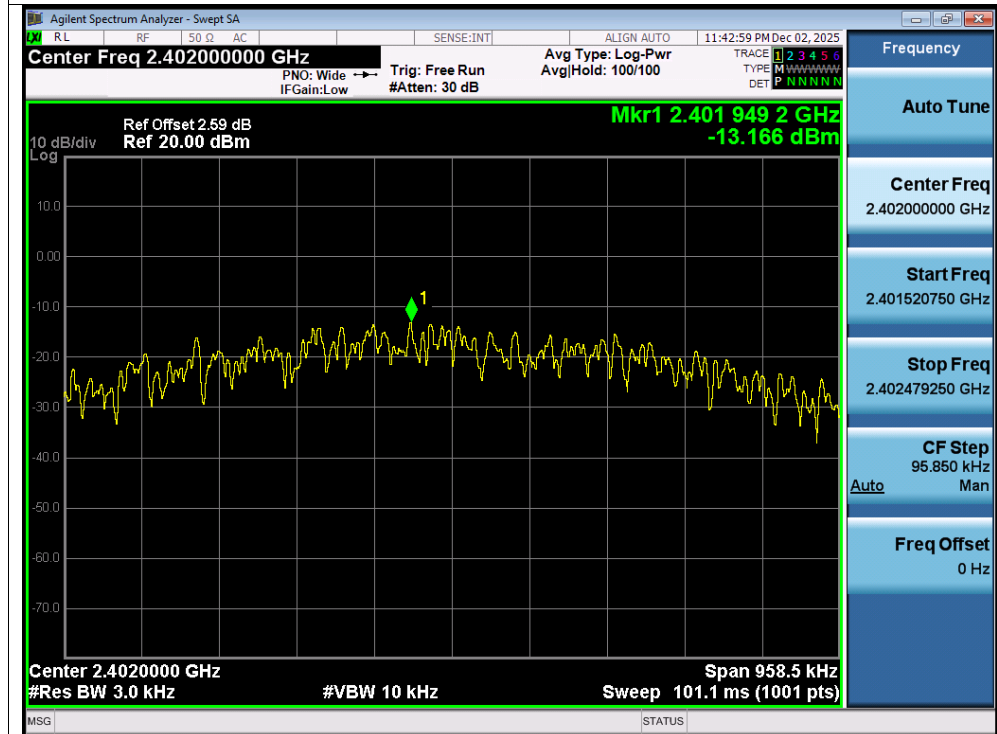
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant B	-13.17	8	Pass
NVNT	BLE 1M	2440	Ant B	-12.99	8	Pass
NVNT	BLE 1M	2480	Ant B	-13.45	8	Pass
NVNT	BLE 2M	2402	Ant B	-15.72	8	Pass
NVNT	BLE 2M	2440	Ant B	-15.68	8	Pass
NVNT	BLE 2M	2480	Ant B	-15.53	8	Pass

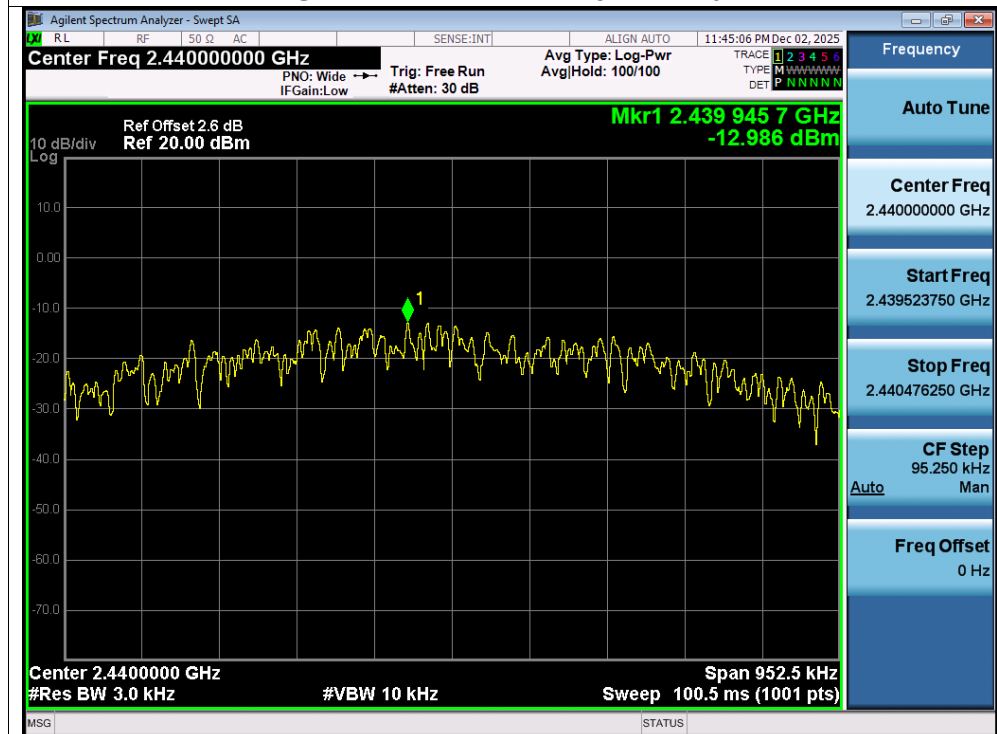


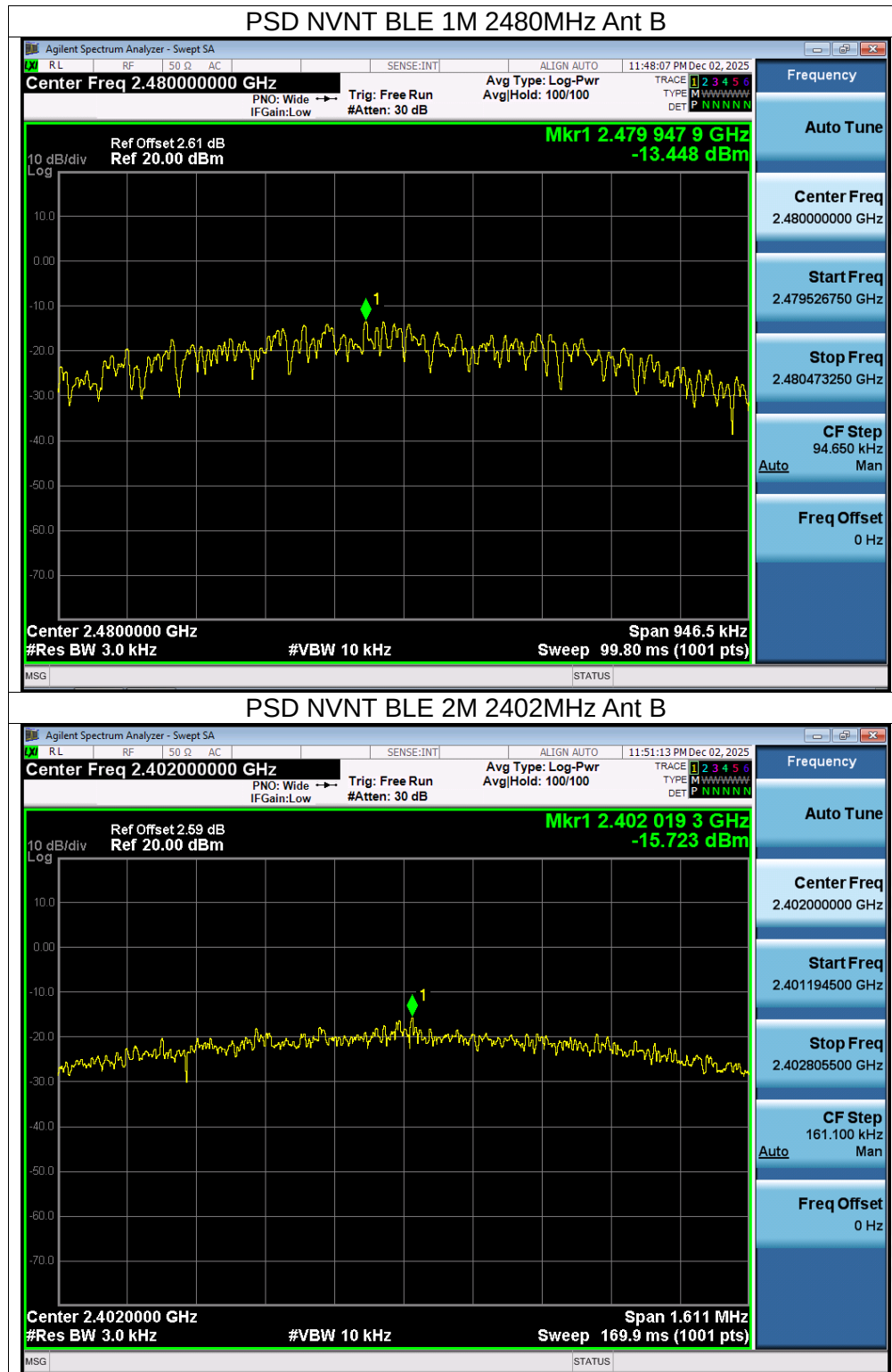
Test Graphs

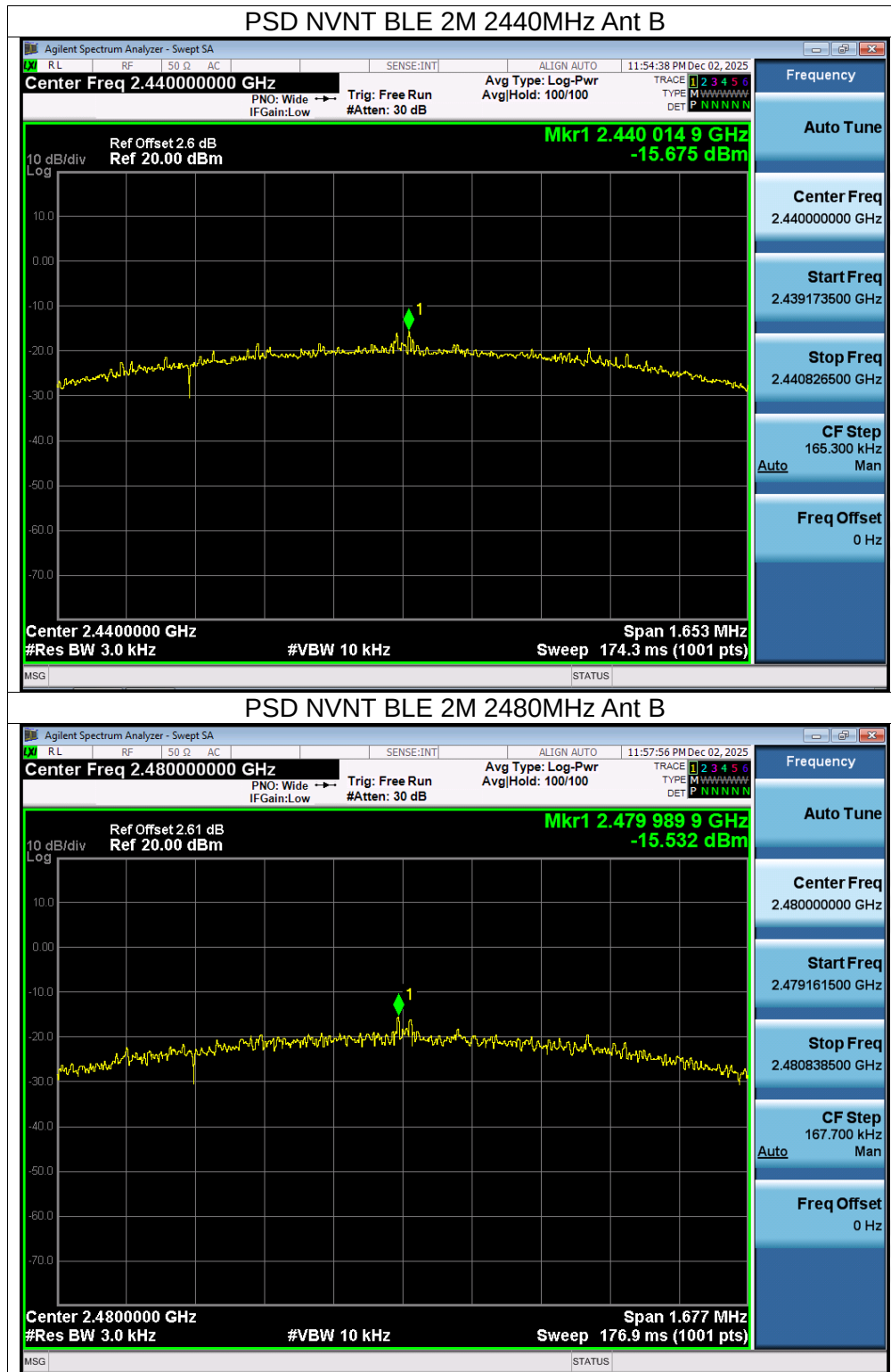
PSD NVNT BLE 1M 2402MHz Ant B



PSD NVNT BLE 1M 2440MHz Ant B









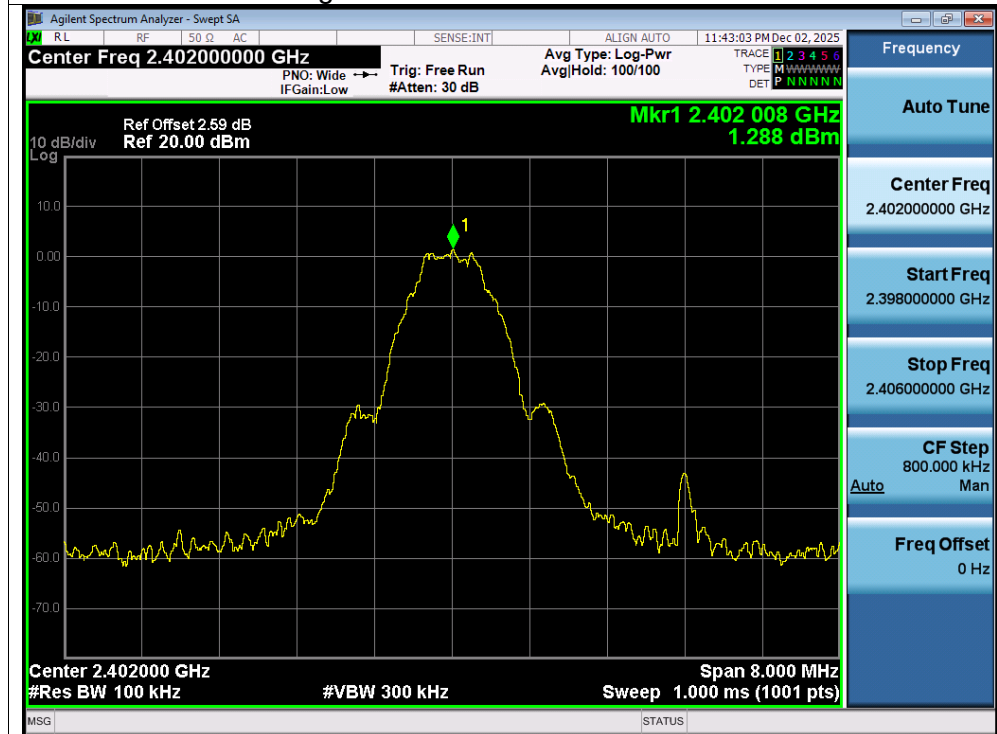
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant B	-54.47	-20	Pass
		NVNTBLE 1M		-45.44	-20	Pass
		2480				
	NVNT BLE 2M	2402		-32.16	-20	Pass
		NVNTBLE 2M 2480		-57.01	-20	Pass

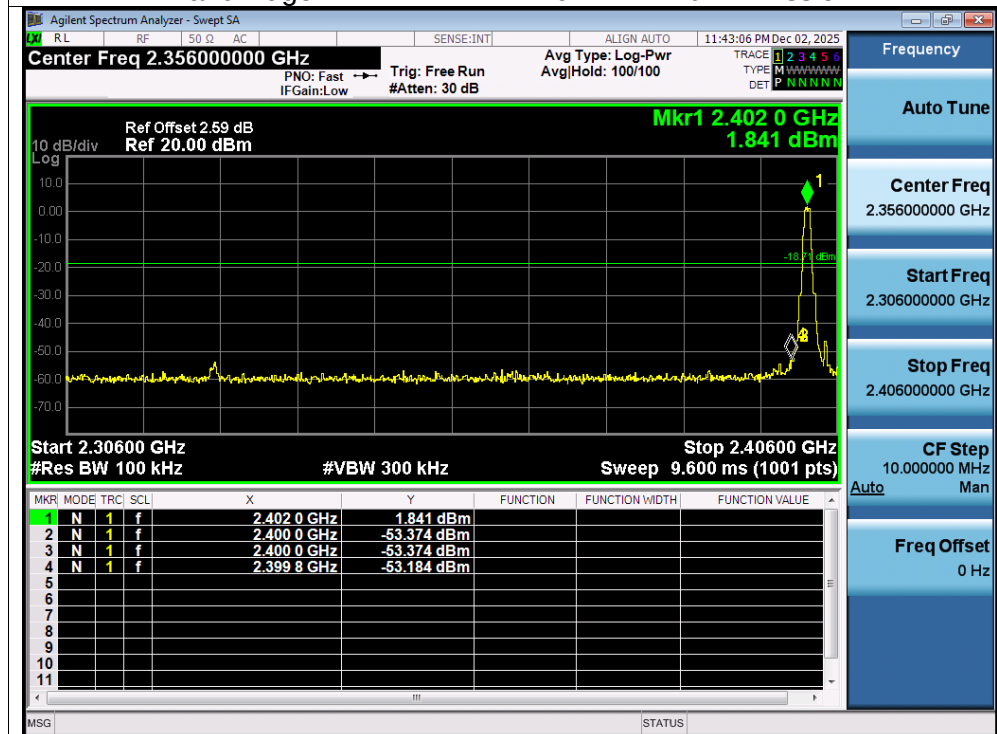


Test Graphs

Band Edge NVNT BLE 1M 2402MHz Ant B Ref

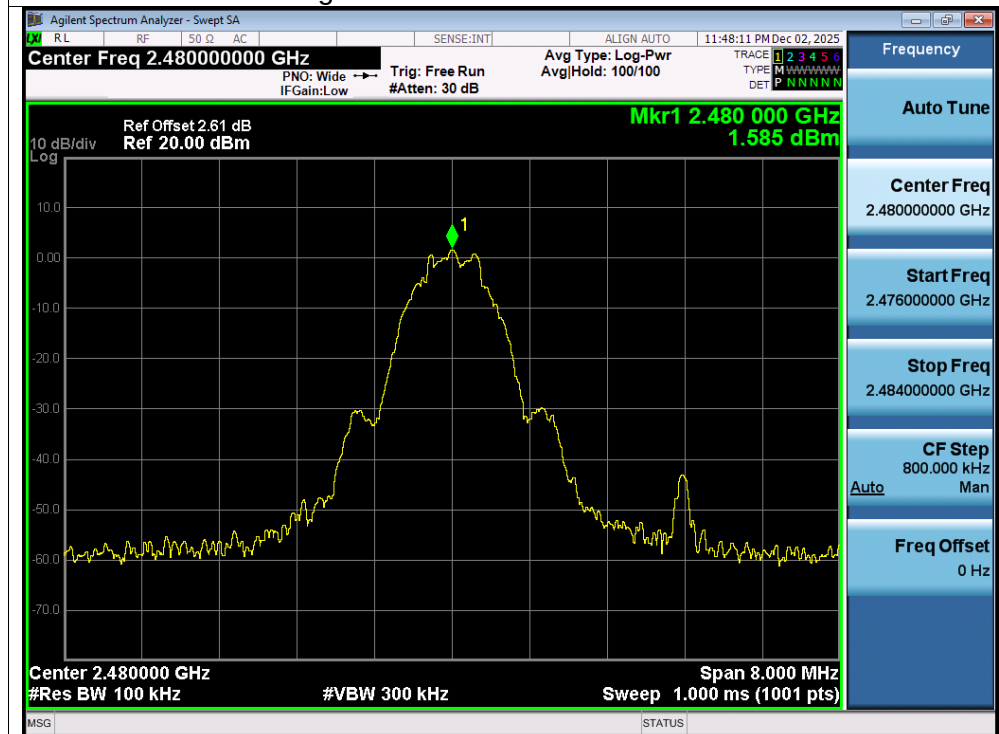


Band Edge NVNT BLE 1M 2402MHz Ant B Emission

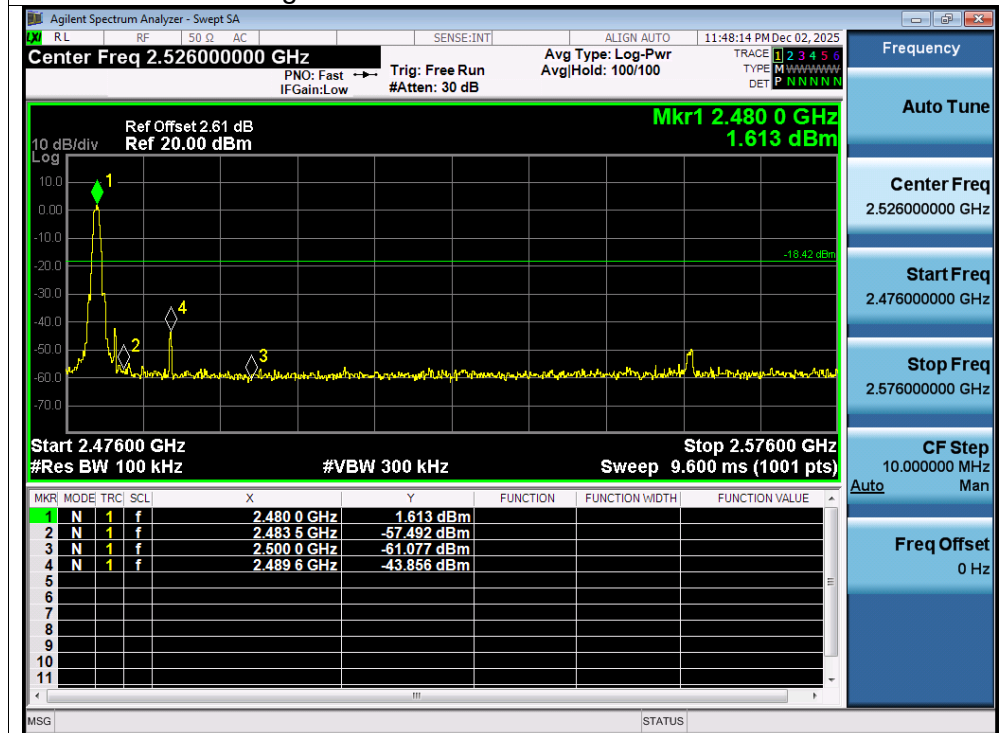




Band Edge NVNT BLE 1M 2480MHz Ant B Ref



Band Edge NVNT BLE 1M 2480MHz Ant B Emission

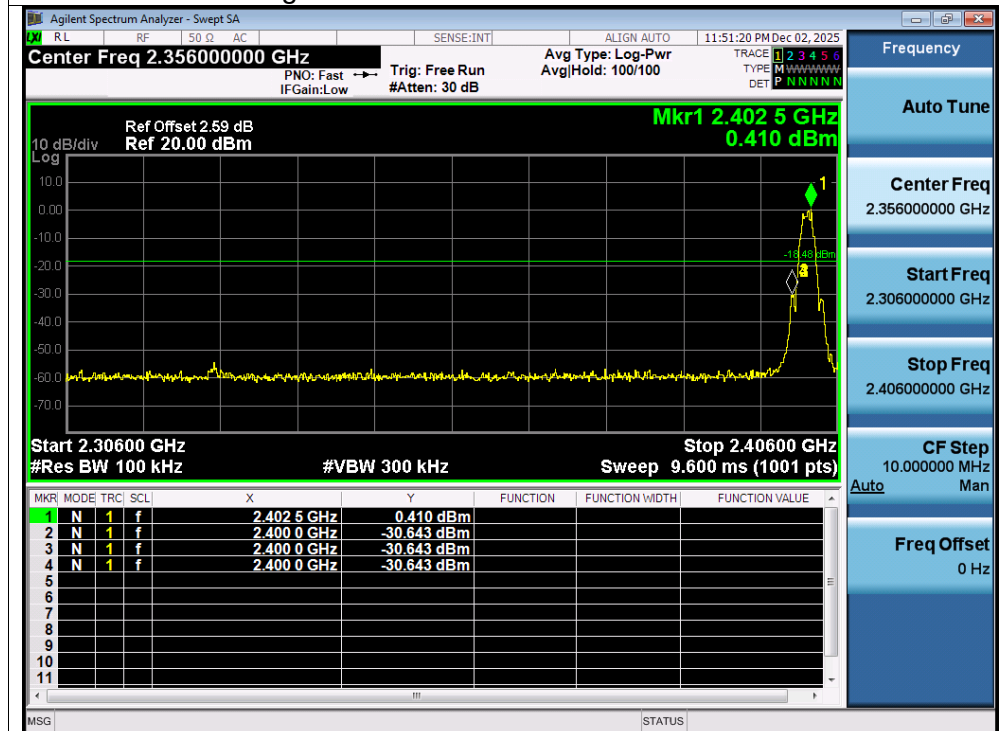




Band Edge NVNT BLE 2M 2402MHz Ant B Ref



Band Edge NVNT BLE 2M 2402MHz Ant B Emission

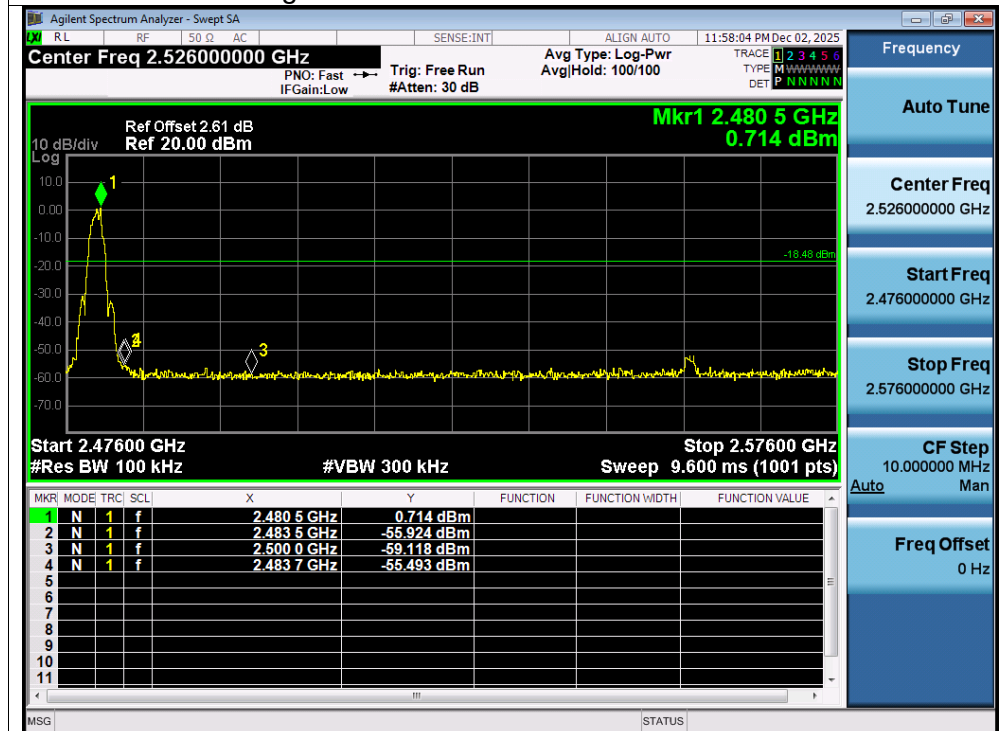




Band Edge NVNT BLE 2M 2480MHz Ant B Ref



Band Edge NVNT BLE 2M 2480MHz Ant B Emission





Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant B	-40.31	-20	Pass
		NVNTBLE 1M 2440		-41.19	-20	Pass
		NVNTBLE 1M 2480		-40.09	-20	Pass
	NVNT BLE 2M	2402		-41.31	-20	Pass
		NVNTBLE 2M 2440		-40.16	-20	Pass
		NVNTBLE 2M 2480		-40.78	-20	Pass

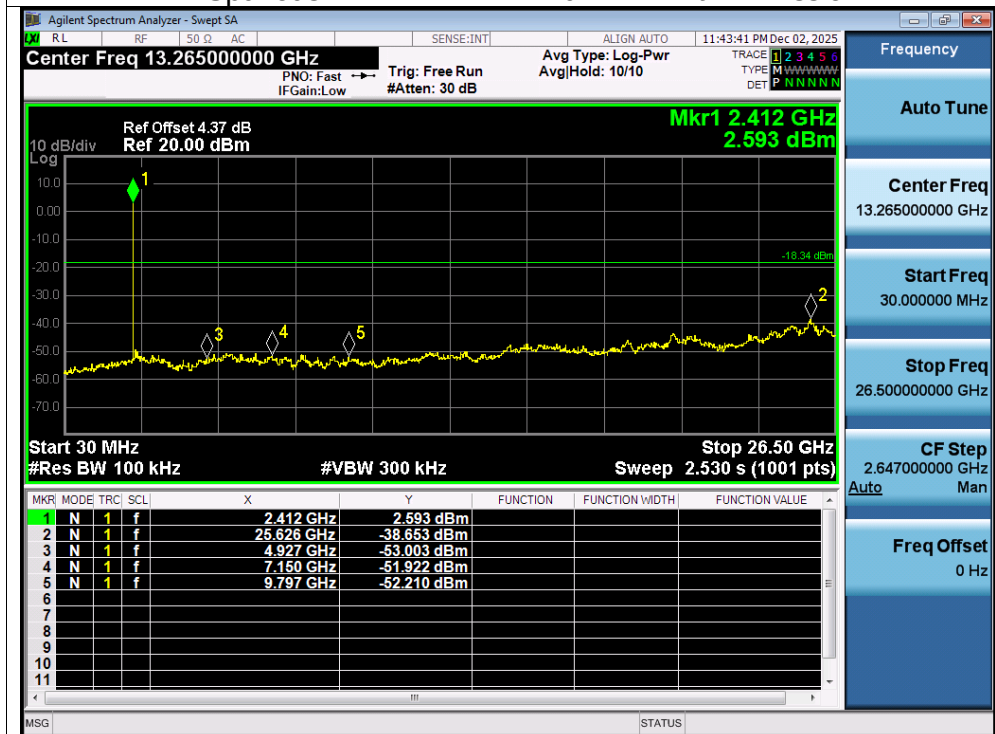


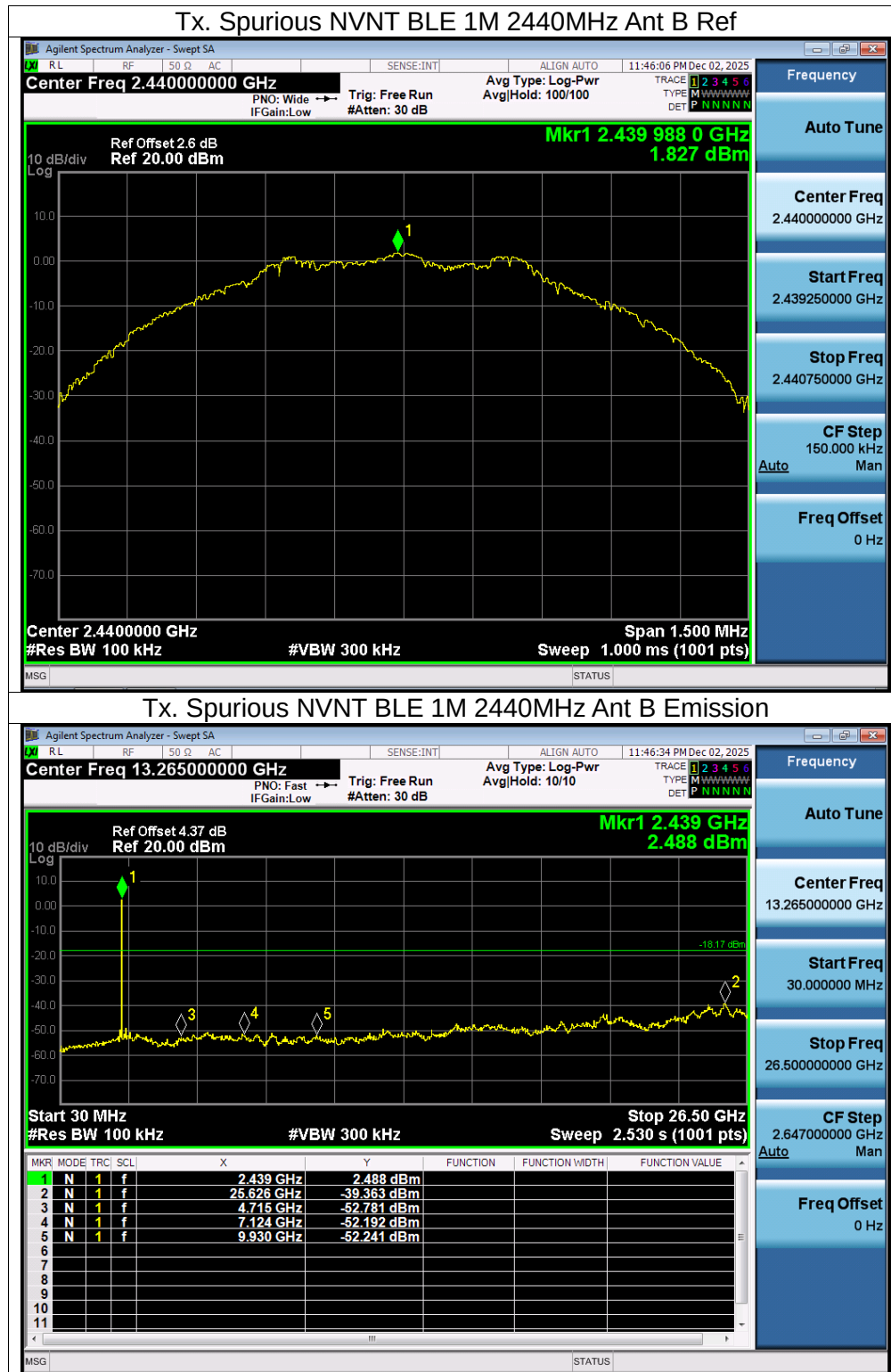
Test Graphs

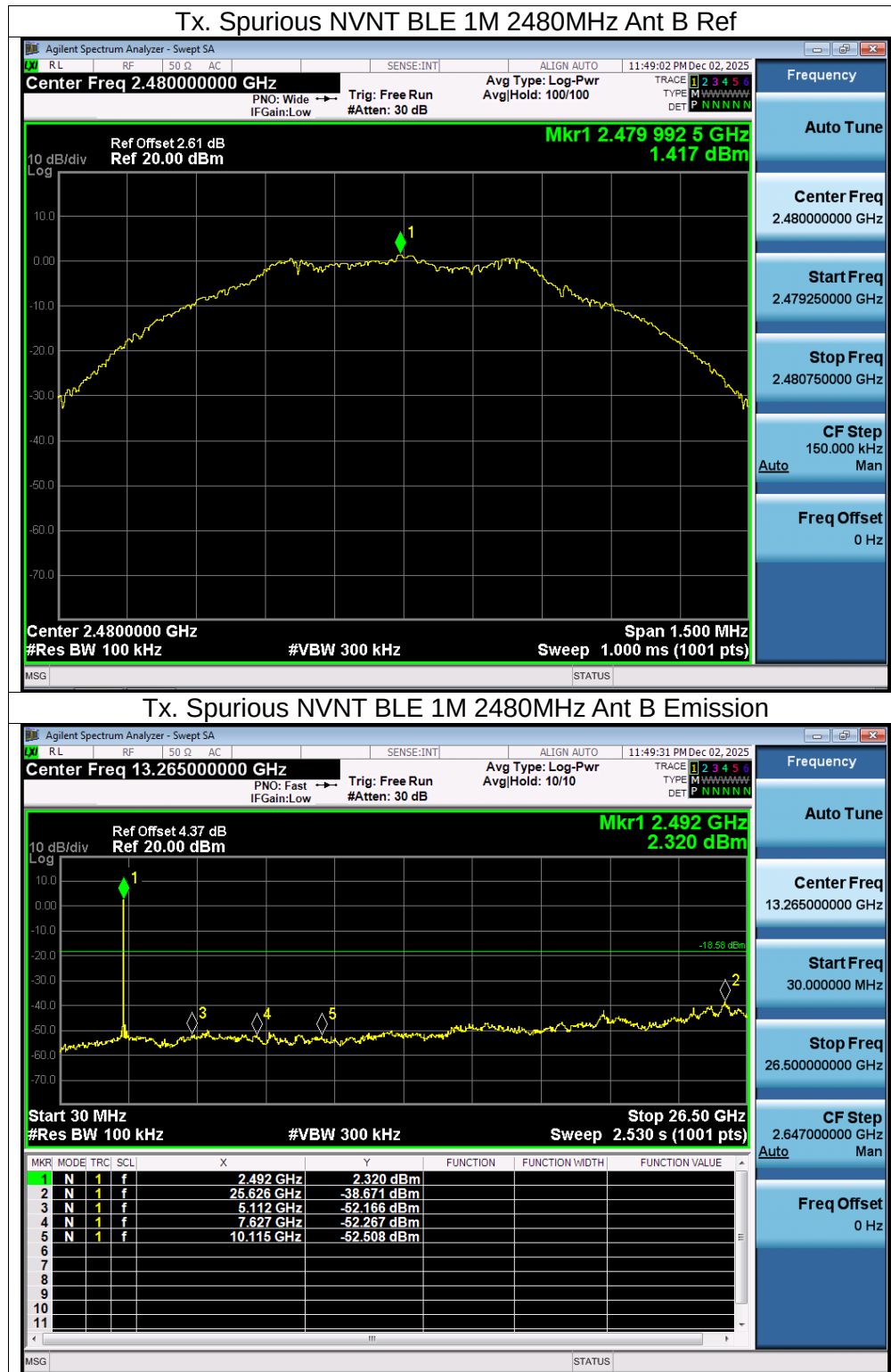
Tx. Spurious NVNT BLE 1M 2402MHz Ant B Ref

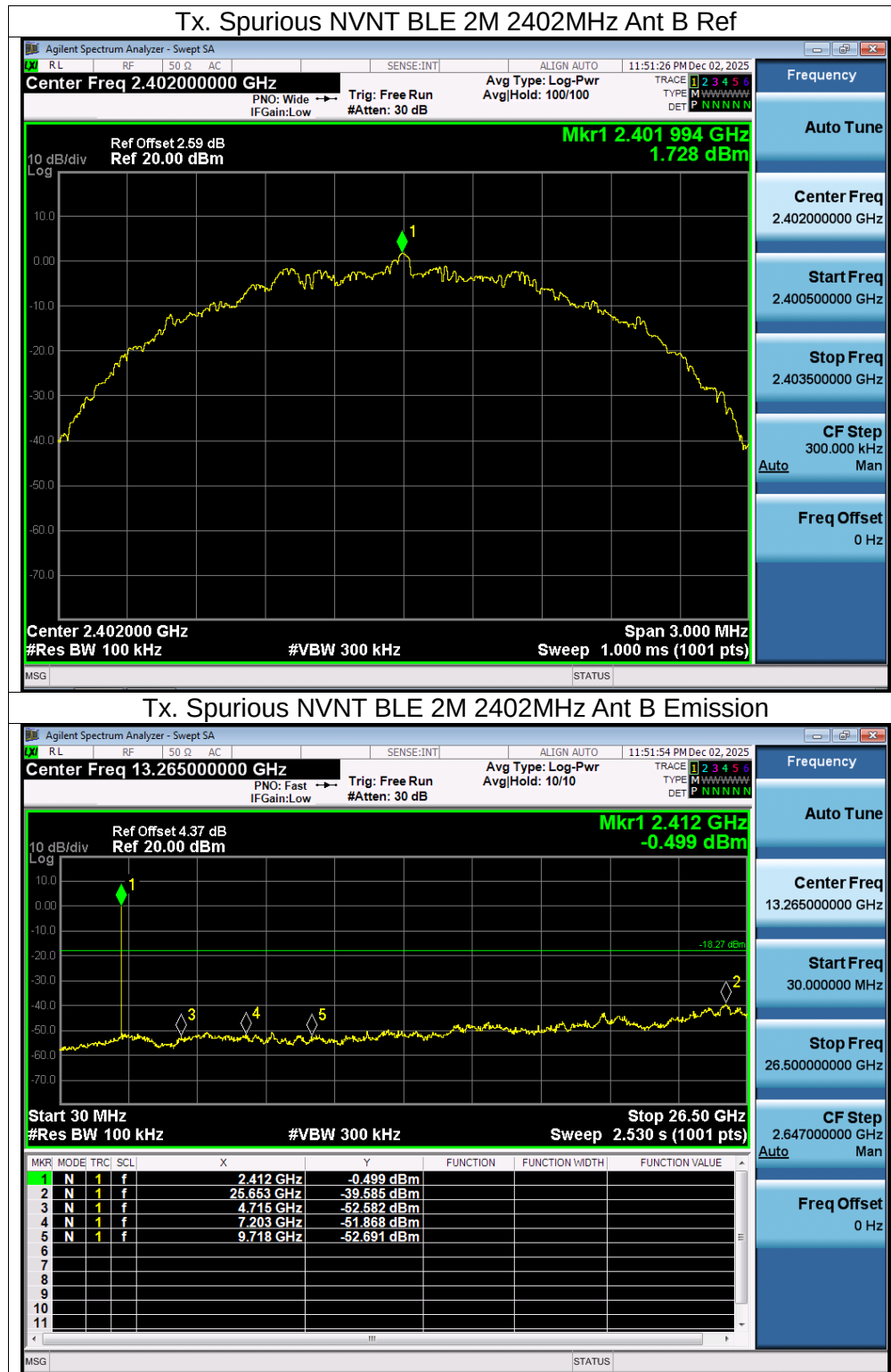


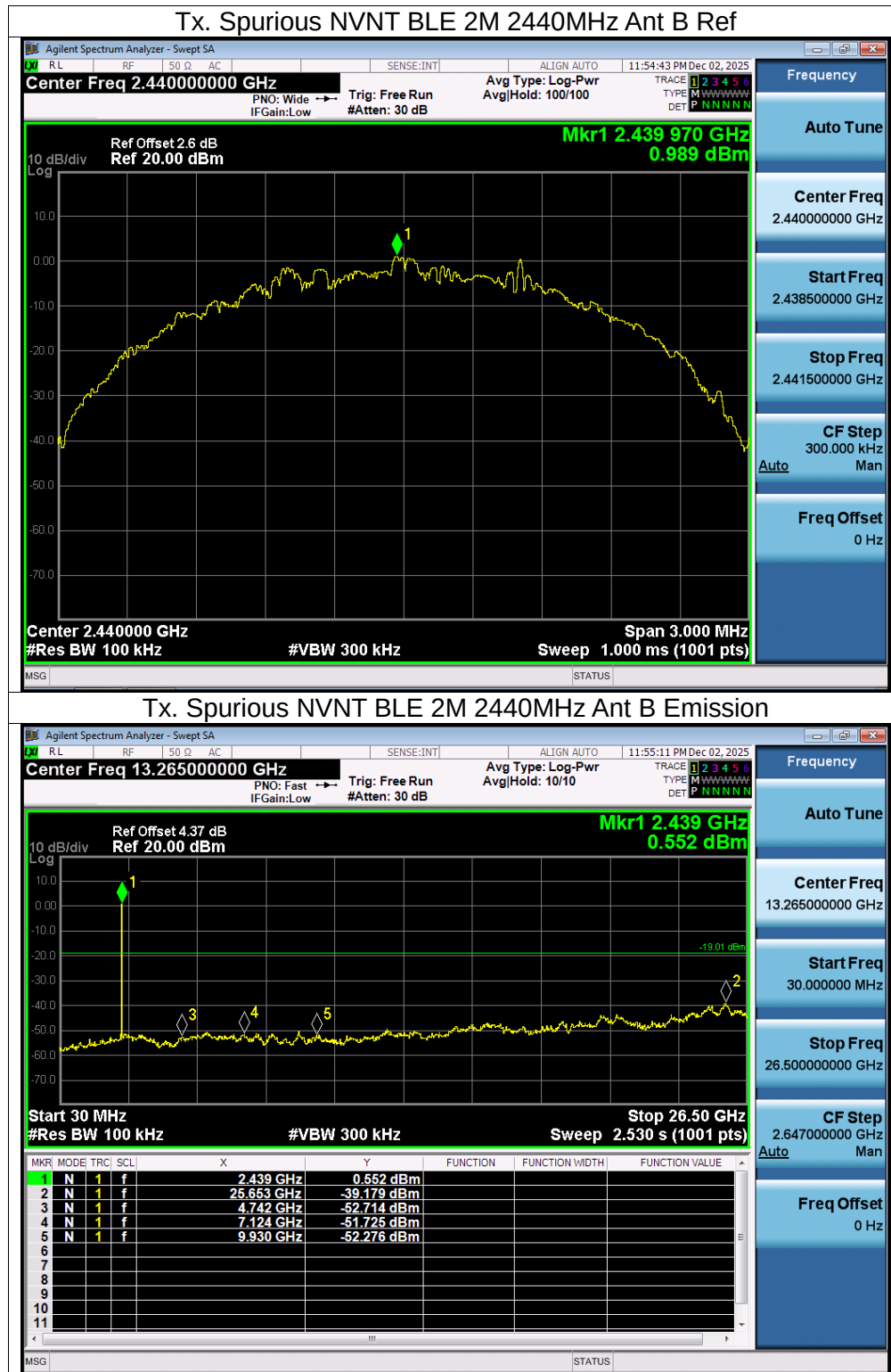
Tx. Spurious NVNT BLE 1M 2402MHz Ant B Emission

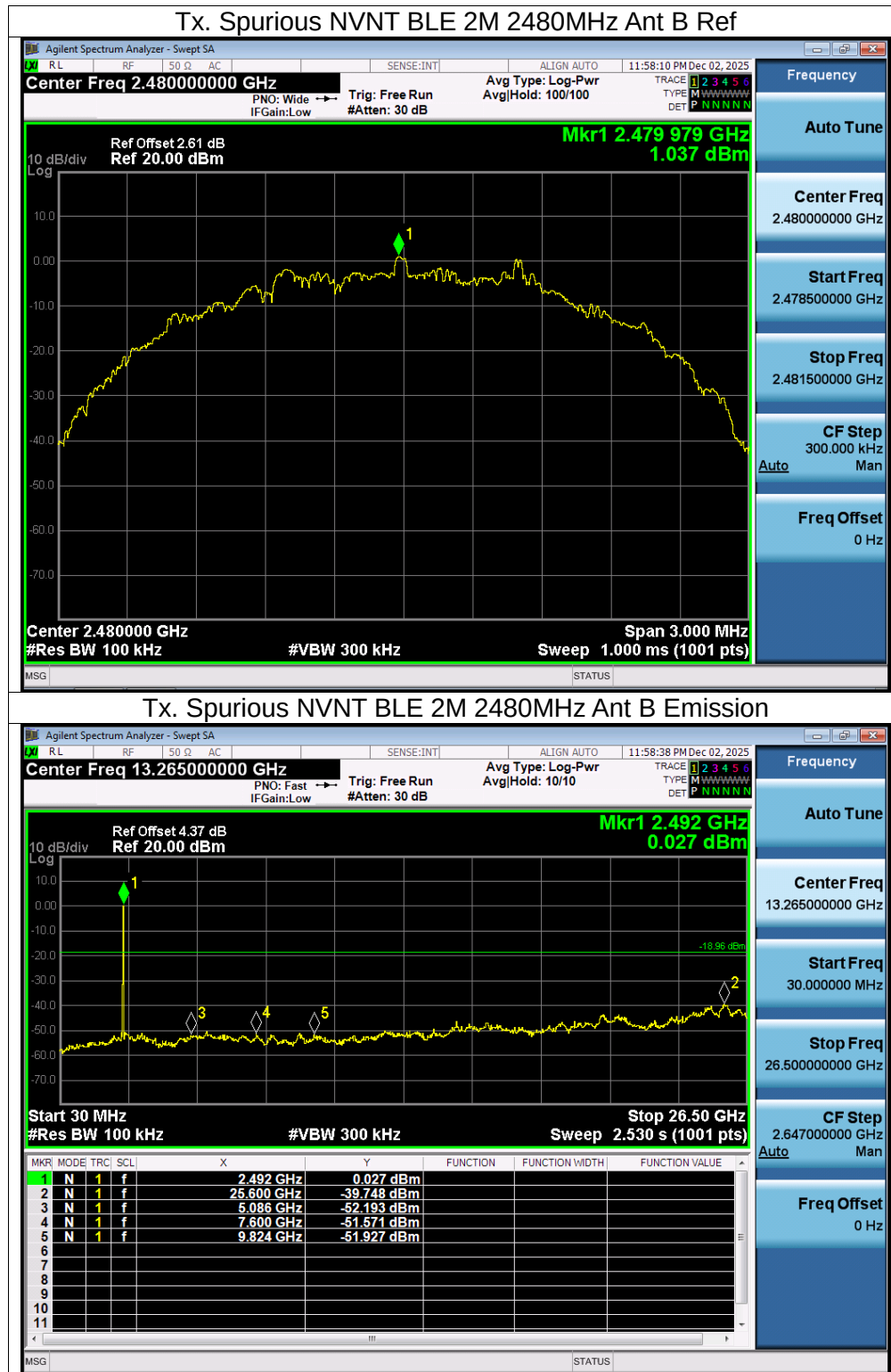














APPENDIX 2- EUT TEST PHOTO

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

*****END OF THE REPORT*****