

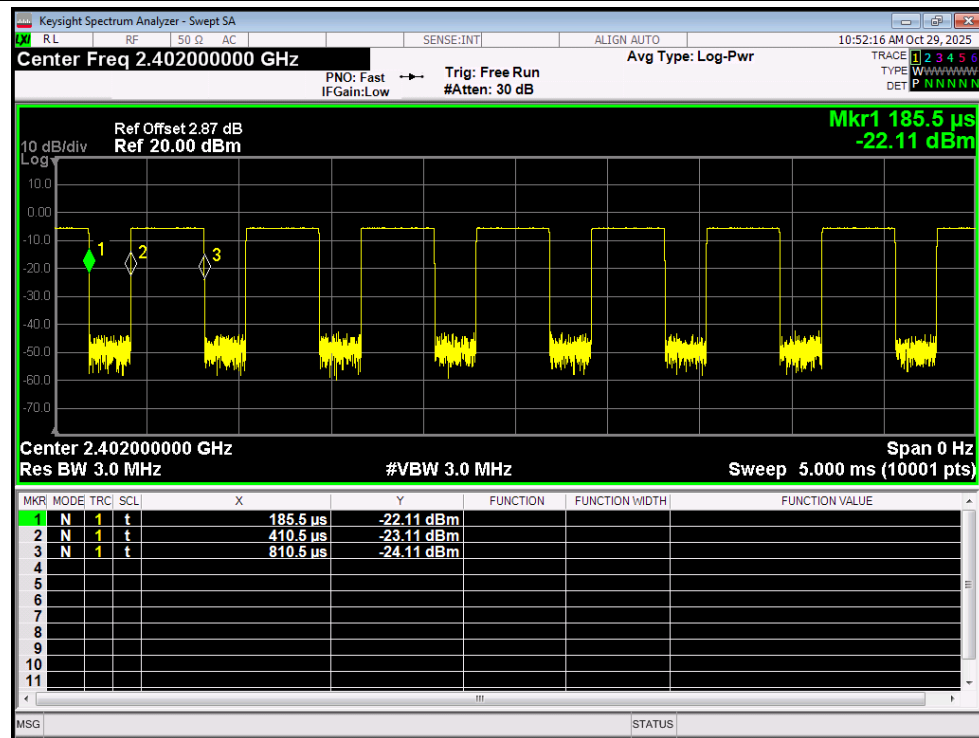
Test Data

Duty Cycle

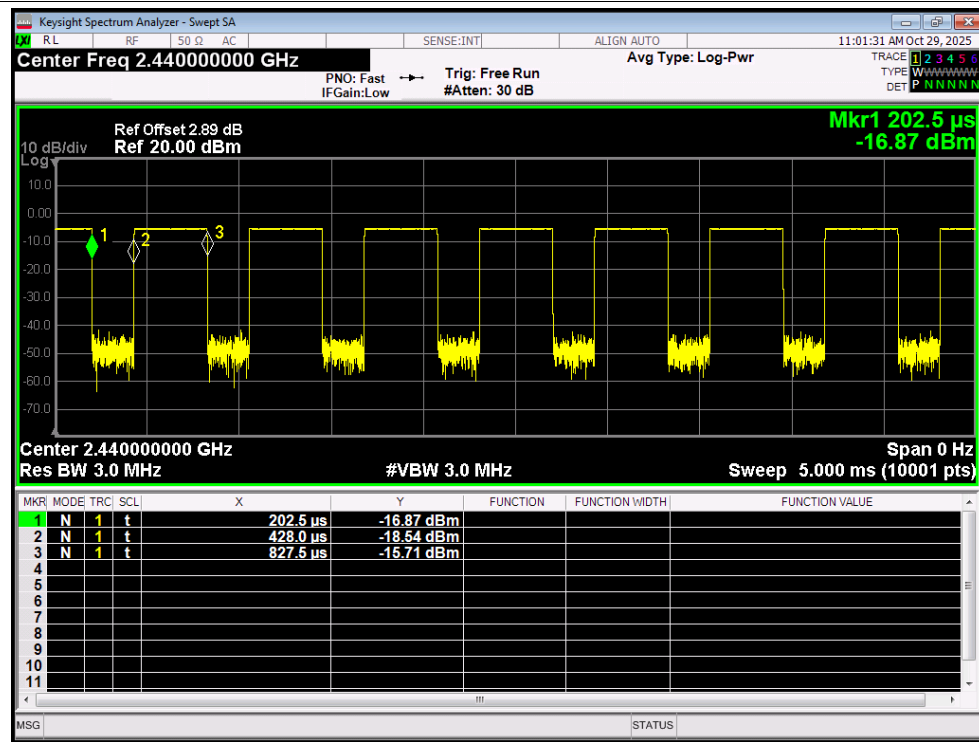
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	BLE 1M	2402	Ant1	64	1.94
NVNT	BLE 1M	2440	Ant1	63.92	1.94
NVNT	BLE 1M	2480	Ant1	64	1.94
NVNT	BLE 2M	2402	Ant1	34.4	4.63
NVNT	BLE 2M	2440	Ant1	34.4	4.63
NVNT	BLE 2M	2480	Ant1	34.37	4.64
NVNT	S=2	2402	Ant1	57.47	2.41
NVNT	S=2	2440	Ant1	57.48	2.4
NVNT	S=2	2480	Ant1	57.45	2.41
NVNT	S=8	2402	Ant1	87.25	0.59
NVNT	S=8	2440	Ant1	82.98	0.81
NVNT	S=8	2480	Ant1	87.24	0.59

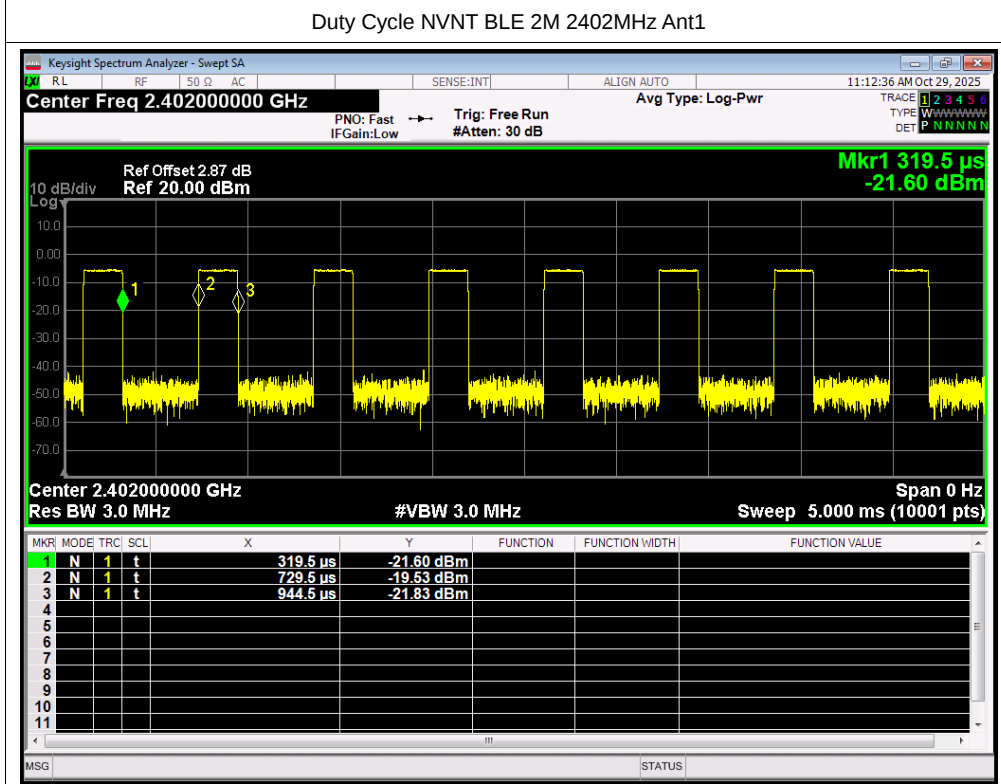
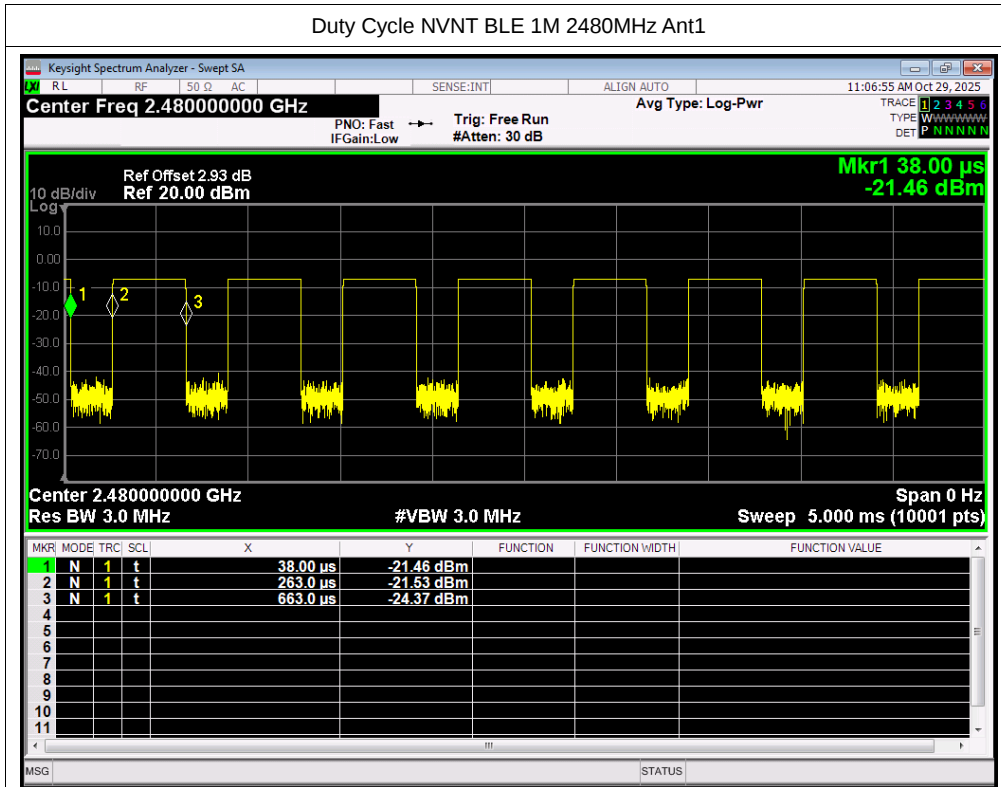
Test Graphs

Duty Cycle NVNT BLE 1M 2402MHz Ant1

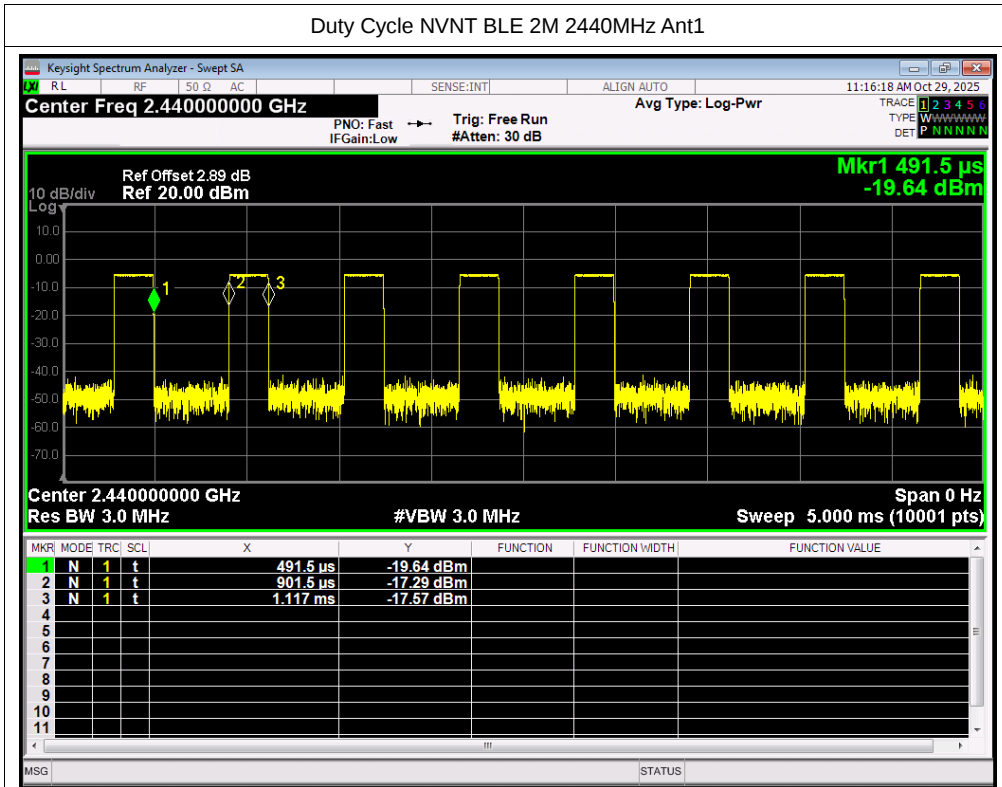


Duty Cycle NVNT BLE 1M 2440MHz Ant1

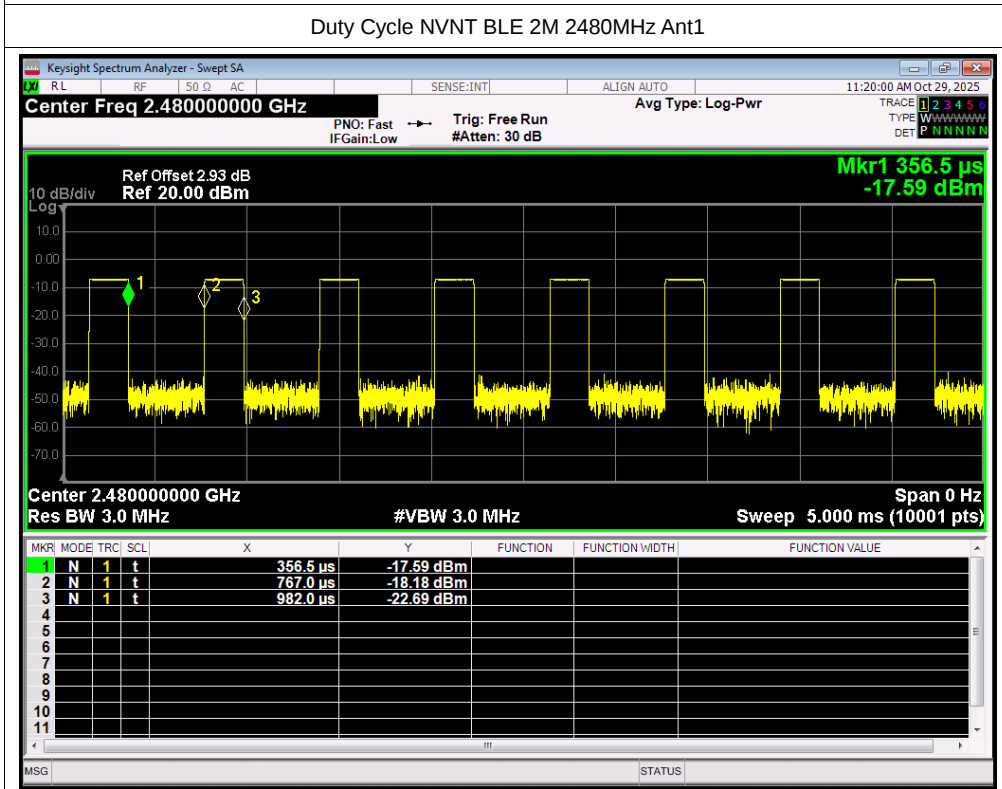




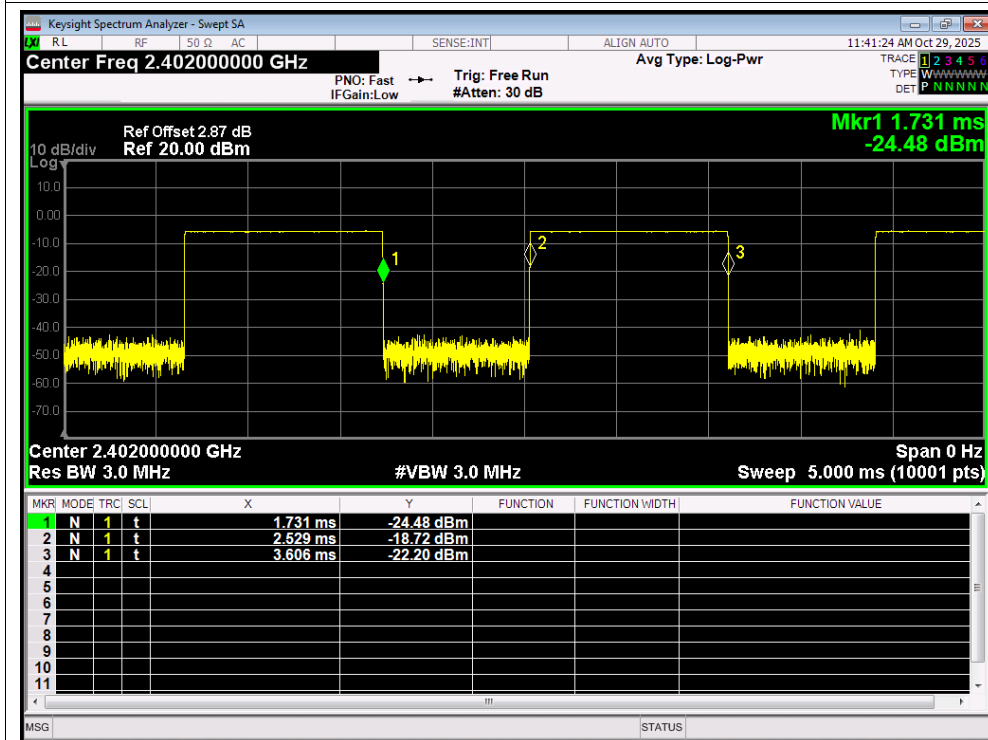
Duty Cycle NVNT BLE 2M 2440MHz Ant1



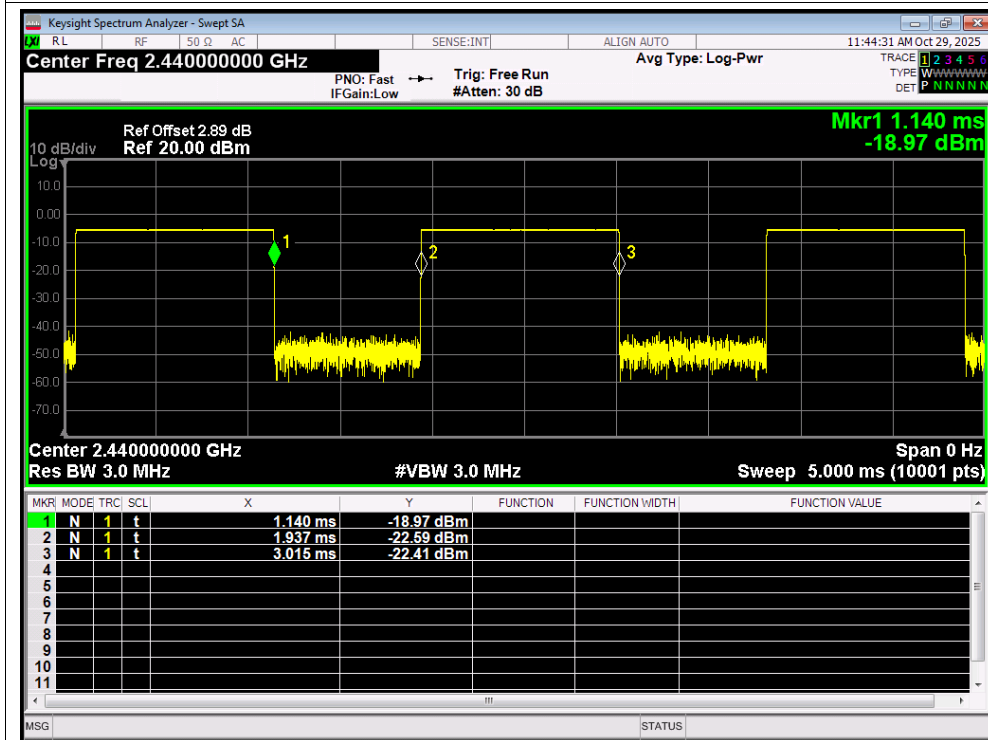
Duty Cycle NVNT BLE 2M 2480MHz Ant1

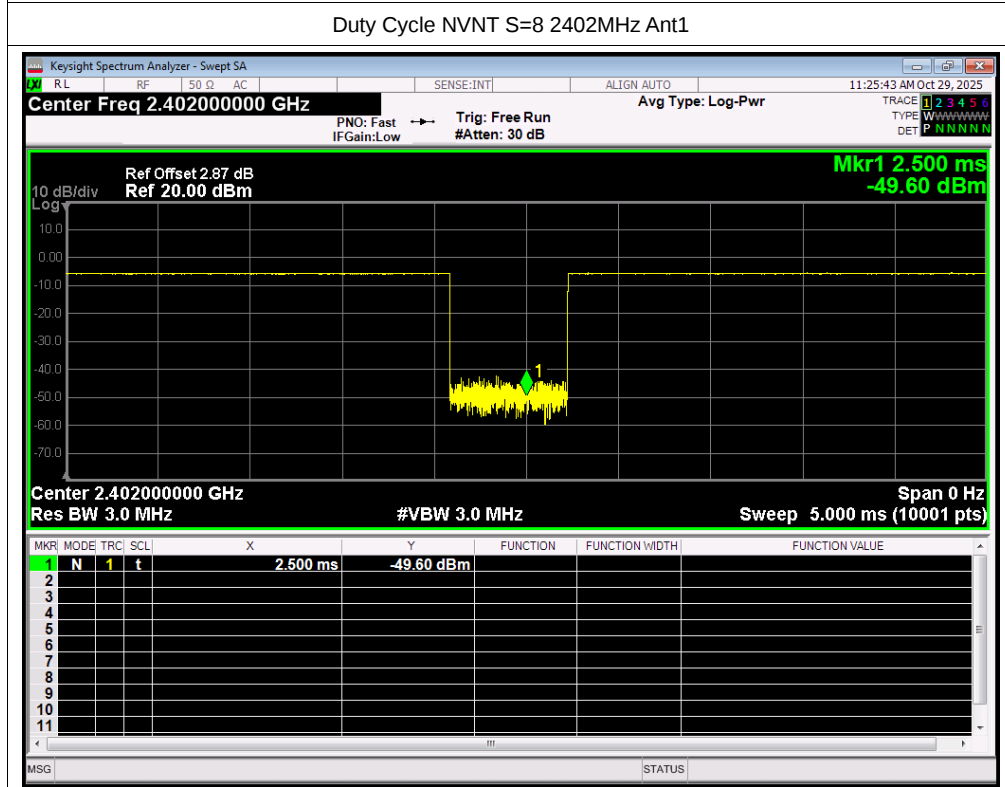
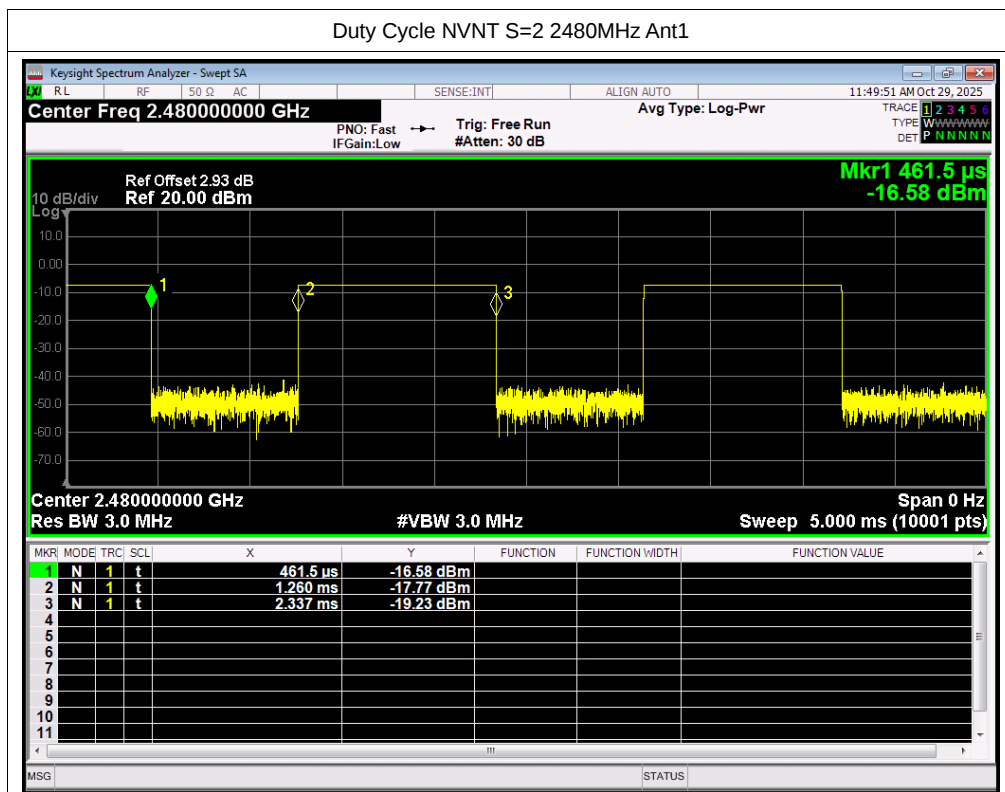


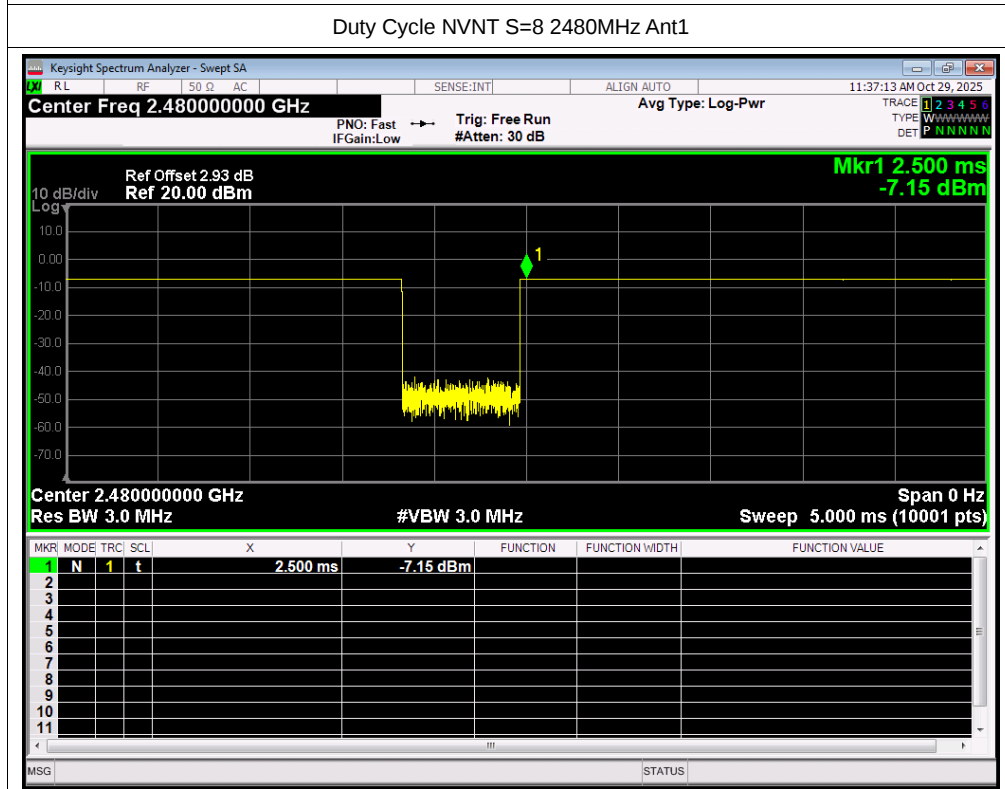
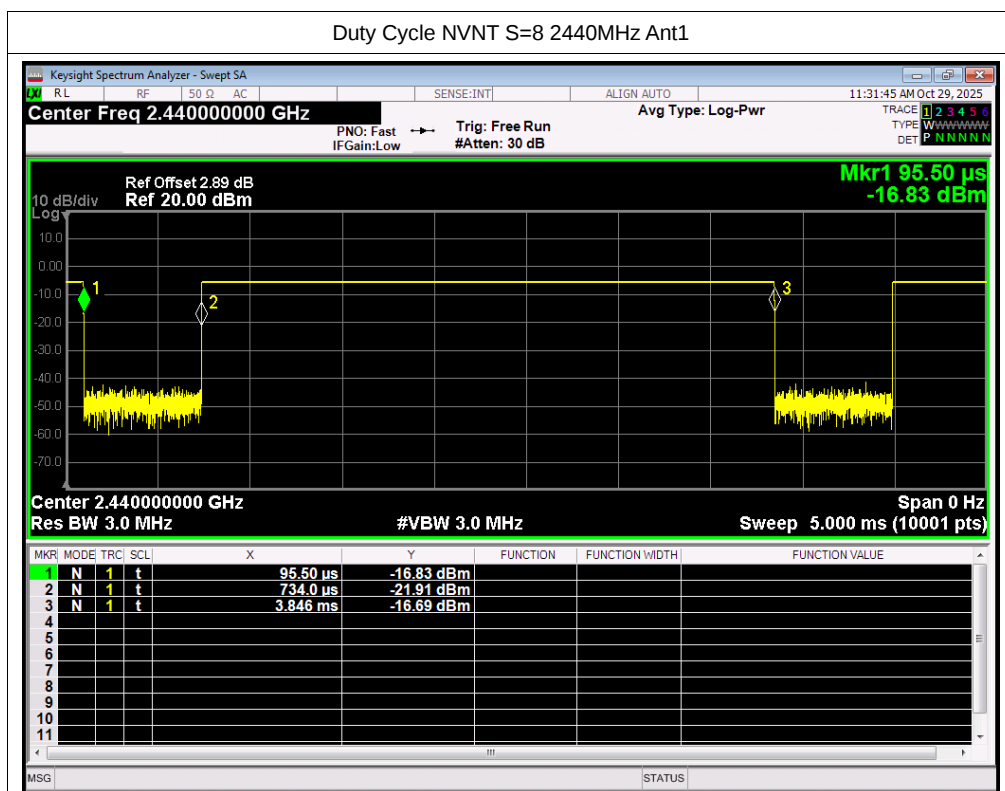
Duty Cycle NVNT S=2 2402MHz Ant1



Duty Cycle NVNT S=2 2440MHz Ant1

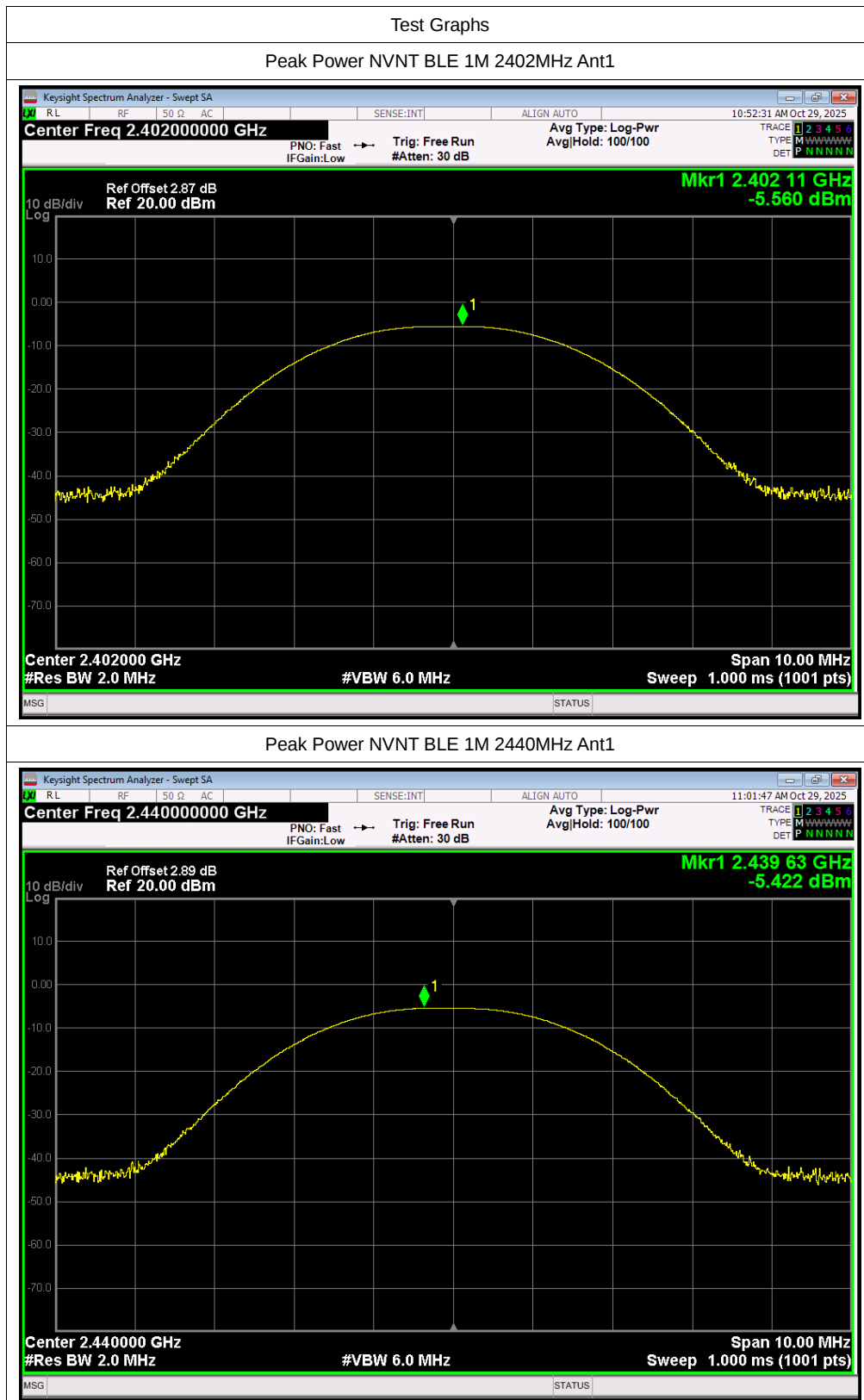


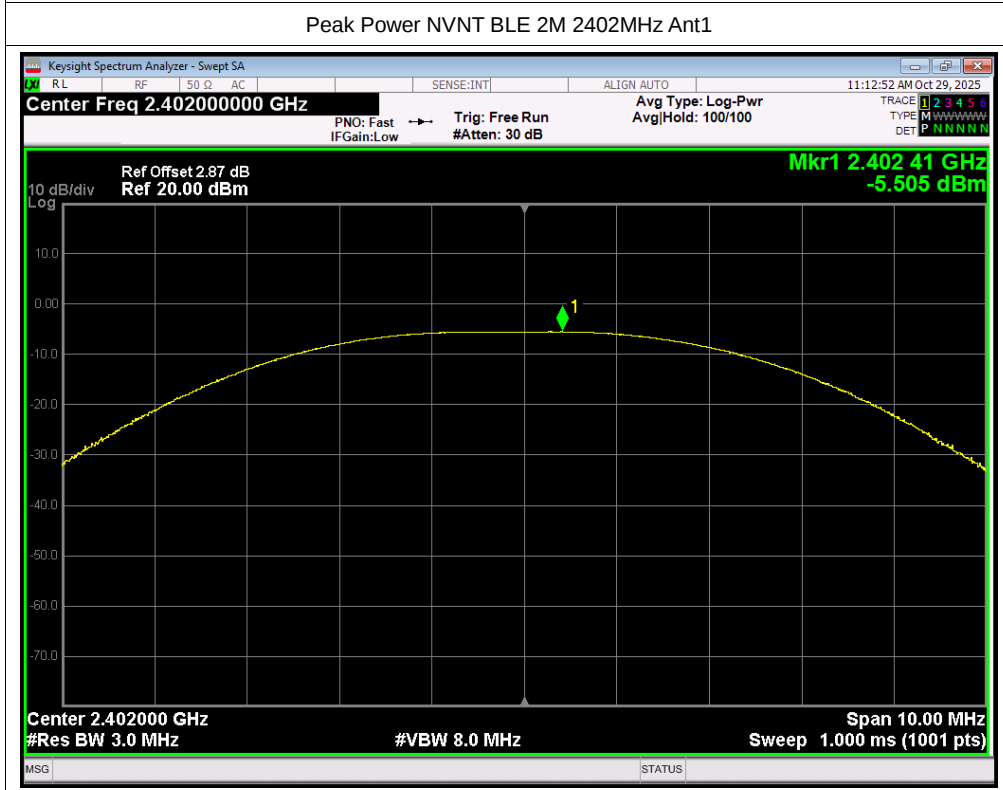
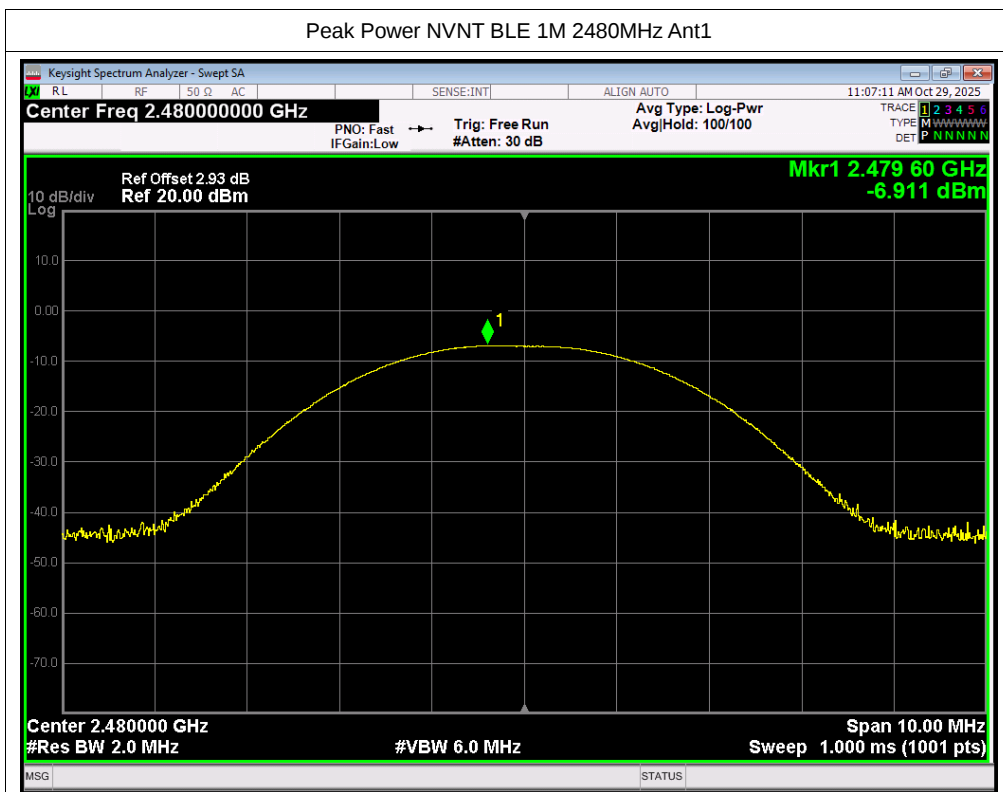


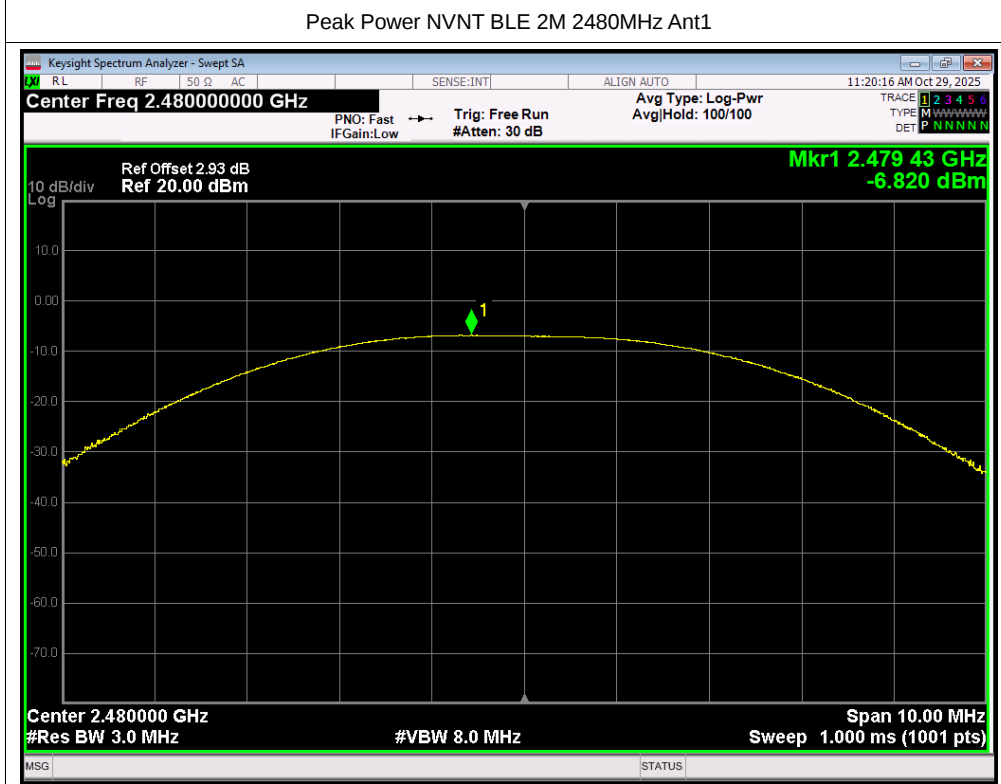
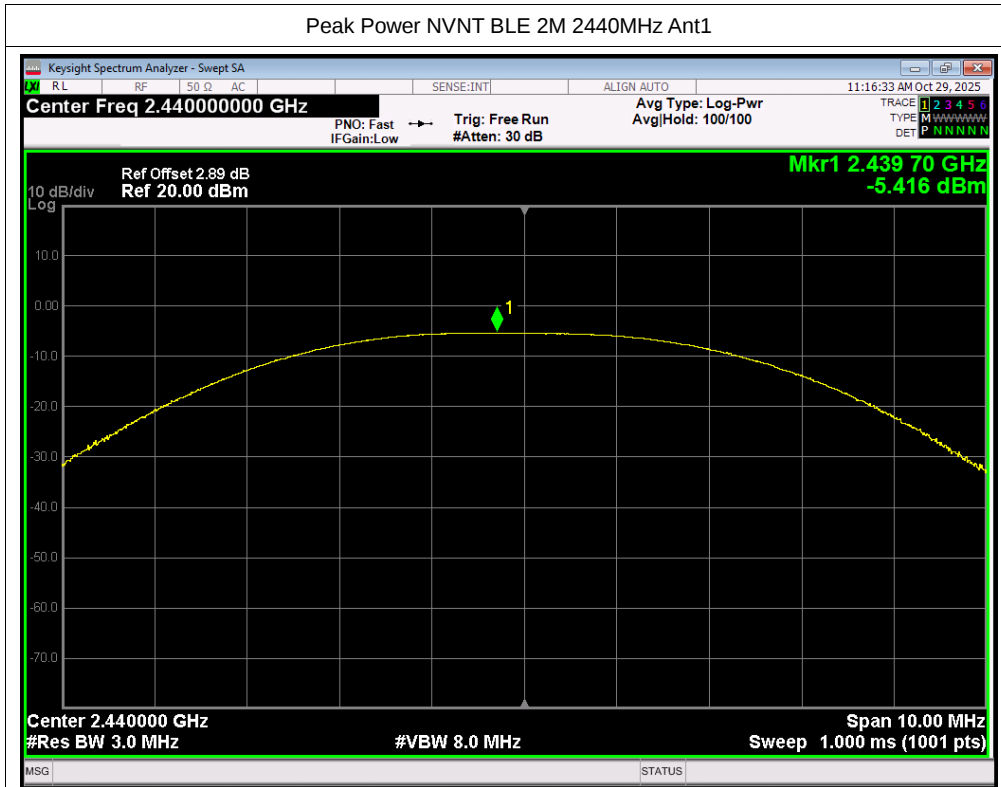


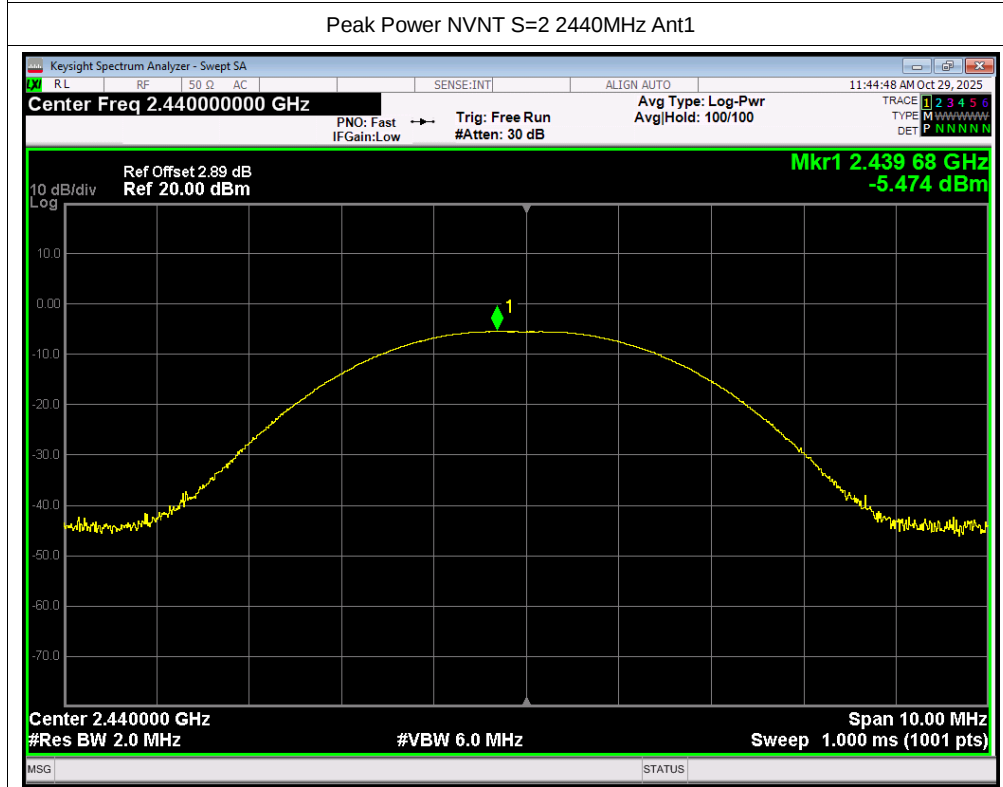
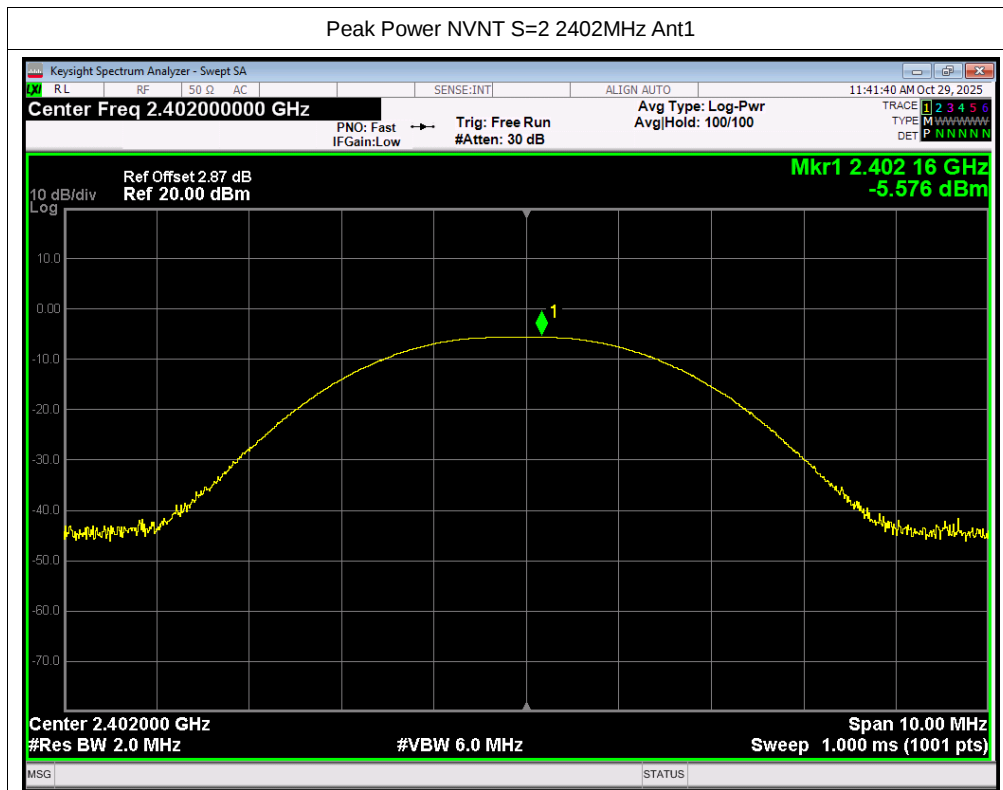
Maximum Peak Conducted Output Power

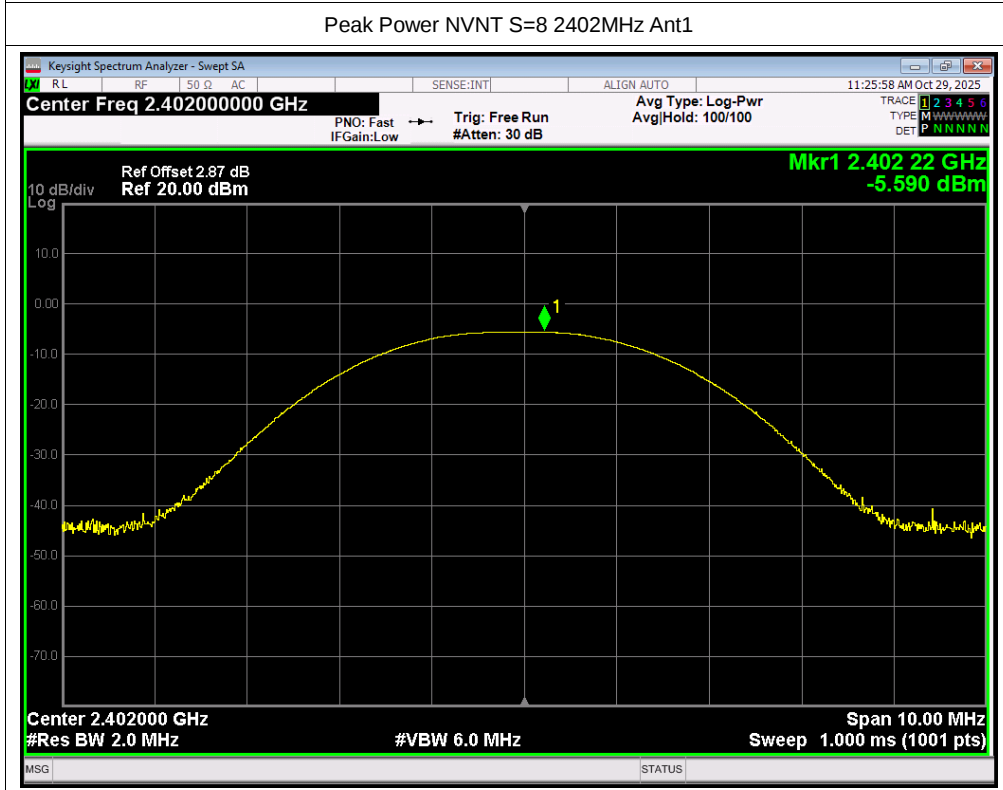
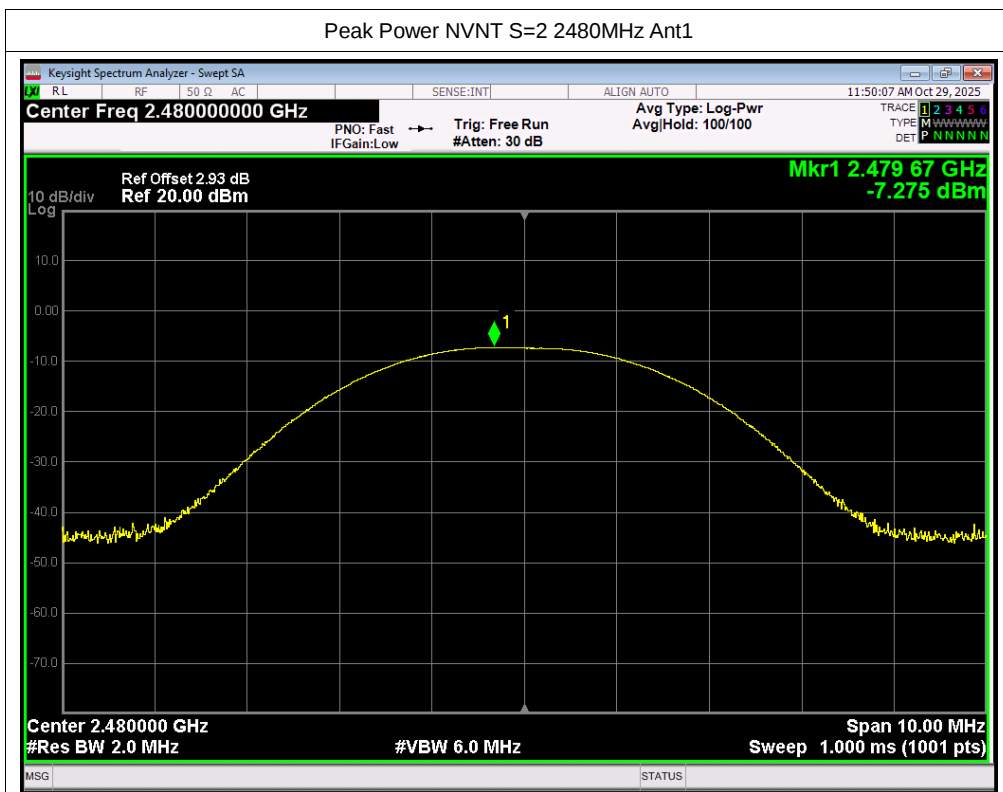
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	Limit Conducted (dBm)	Limit EIRP (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-5.56	14	8.44	27.33	36	Pass
NVNT	BLE 1M	2440	Ant1	-5.42	14	8.58	27.33	36	Pass
NVNT	BLE 1M	2480	Ant1	-6.91	14	7.09	27.33	36	Pass
NVNT	BLE 2M	2402	Ant1	-5.51	14	8.49	27.33	36	Pass
NVNT	BLE 2M	2440	Ant1	-5.42	14	8.58	27.33	36	Pass
NVNT	BLE 2M	2480	Ant1	-6.82	14	7.18	27.33	36	Pass
NVNT	S=2	2402	Ant1	-5.58	14	8.42	27.33	36	Pass
NVNT	S=2	2440	Ant1	-5.47	14	8.53	27.33	36	Pass
NVNT	S=2	2480	Ant1	-7.28	14	6.72	27.33	36	Pass
NVNT	S=8	2402	Ant1	-5.59	14	8.41	27.33	36	Pass
NVNT	S=8	2440	Ant1	-5.47	14	8.53	27.33	36	Pass
NVNT	S=8	2480	Ant1	-6.94	14	7.06	27.33	36	Pass

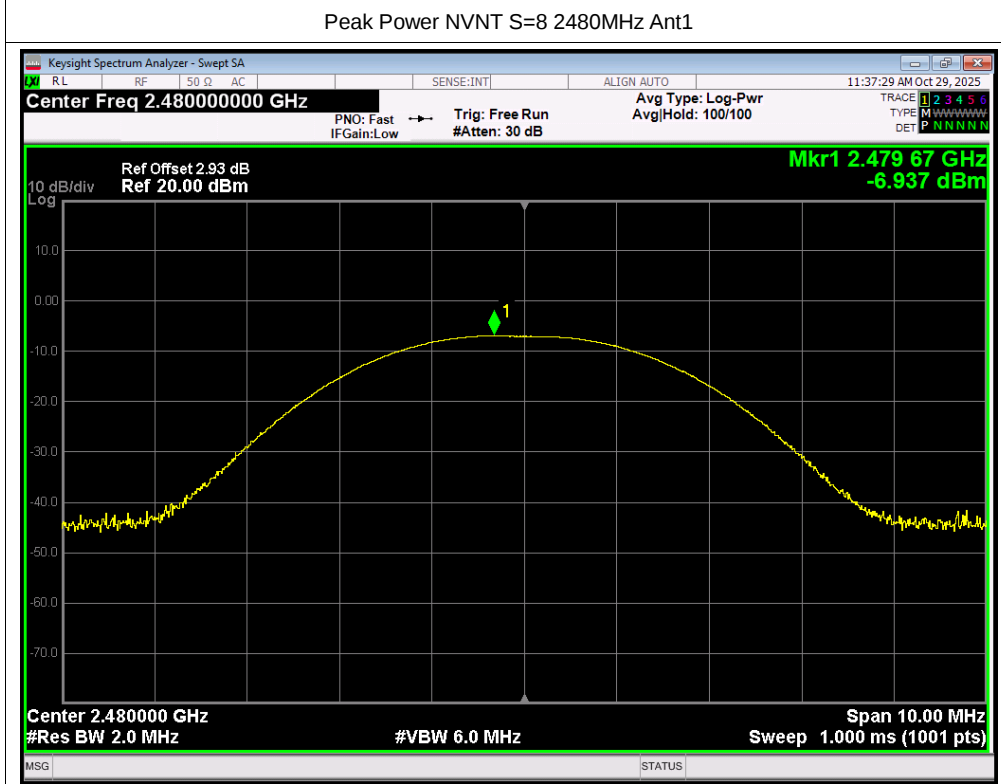
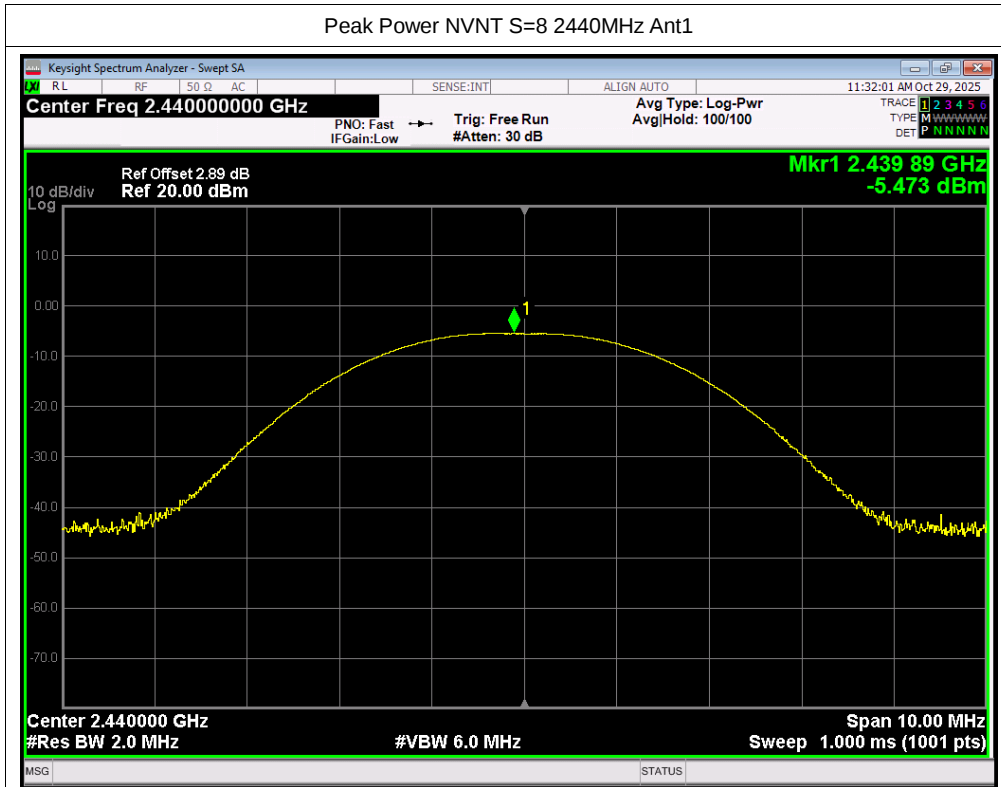








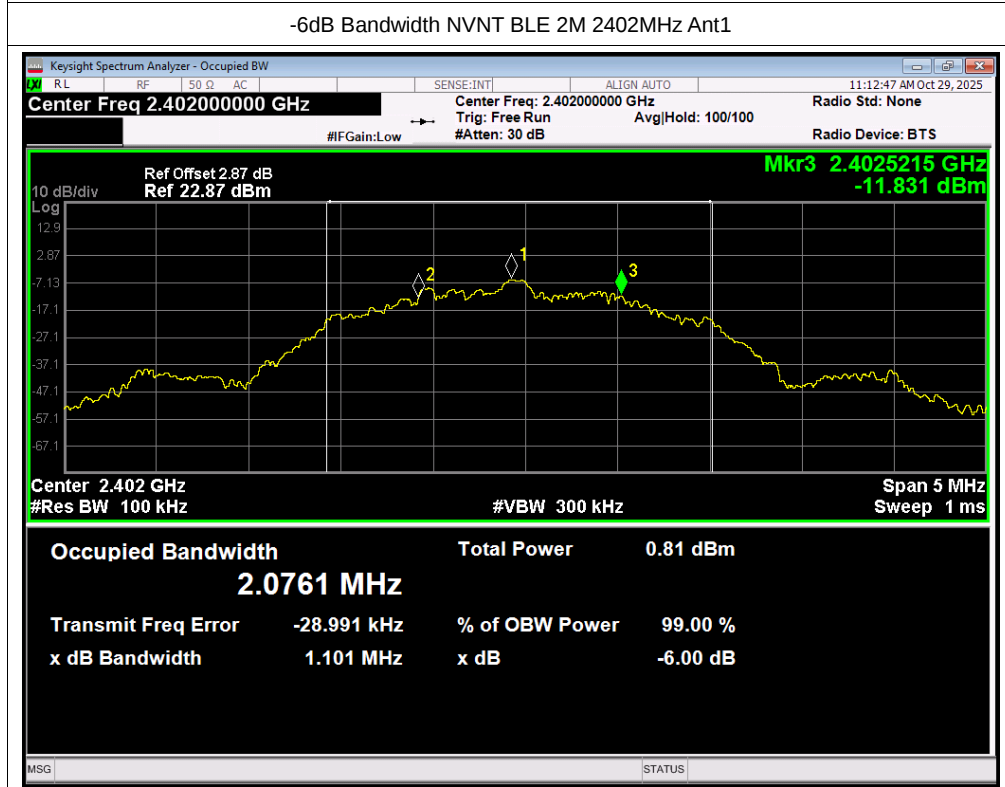
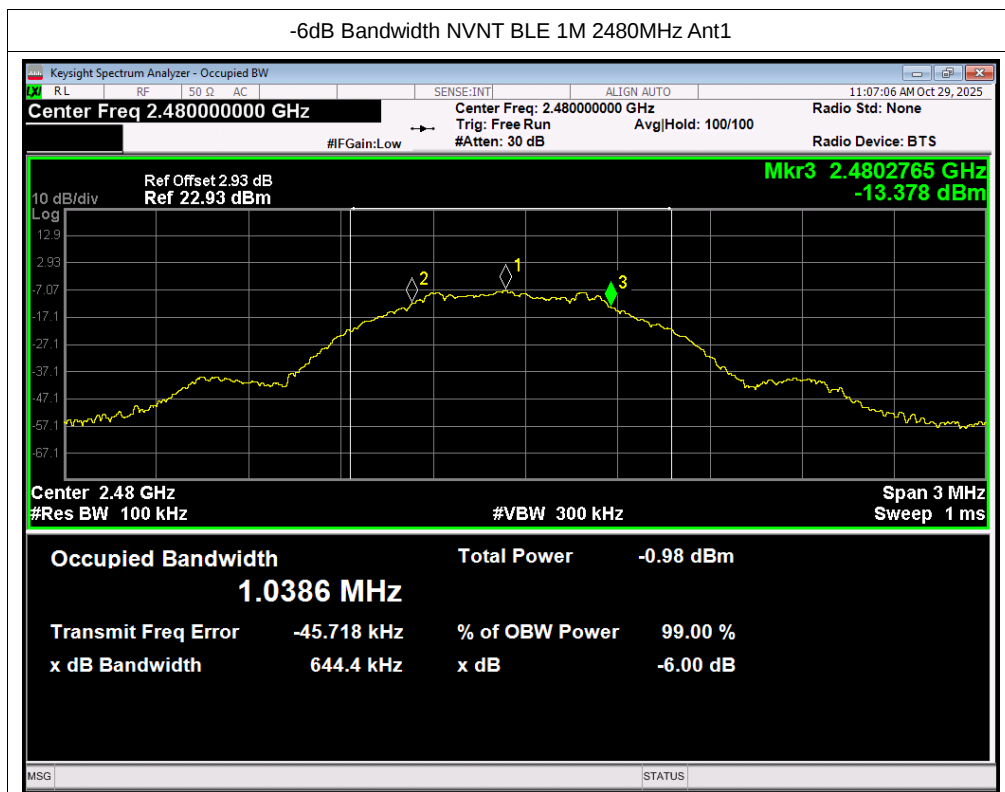


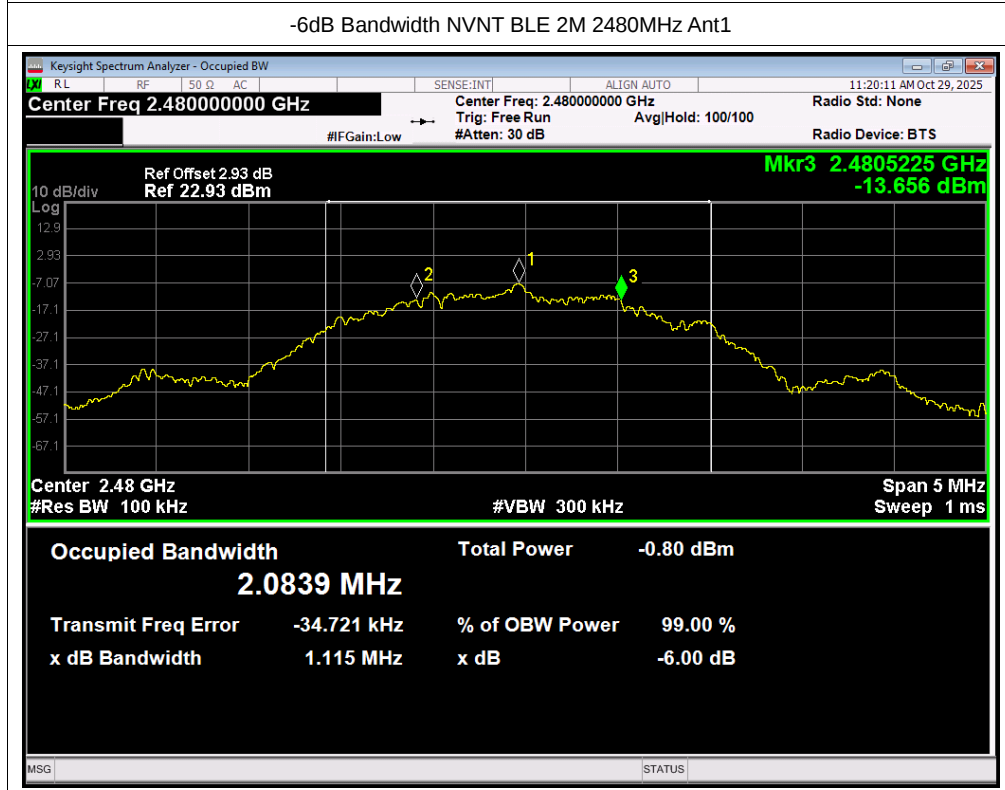
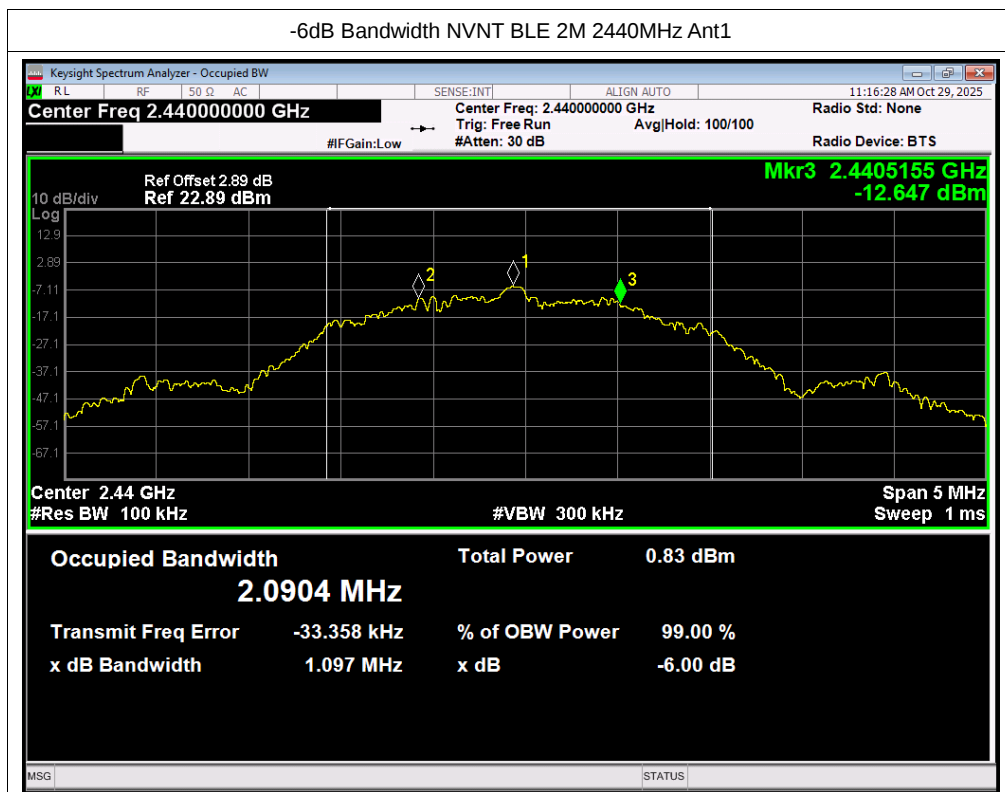


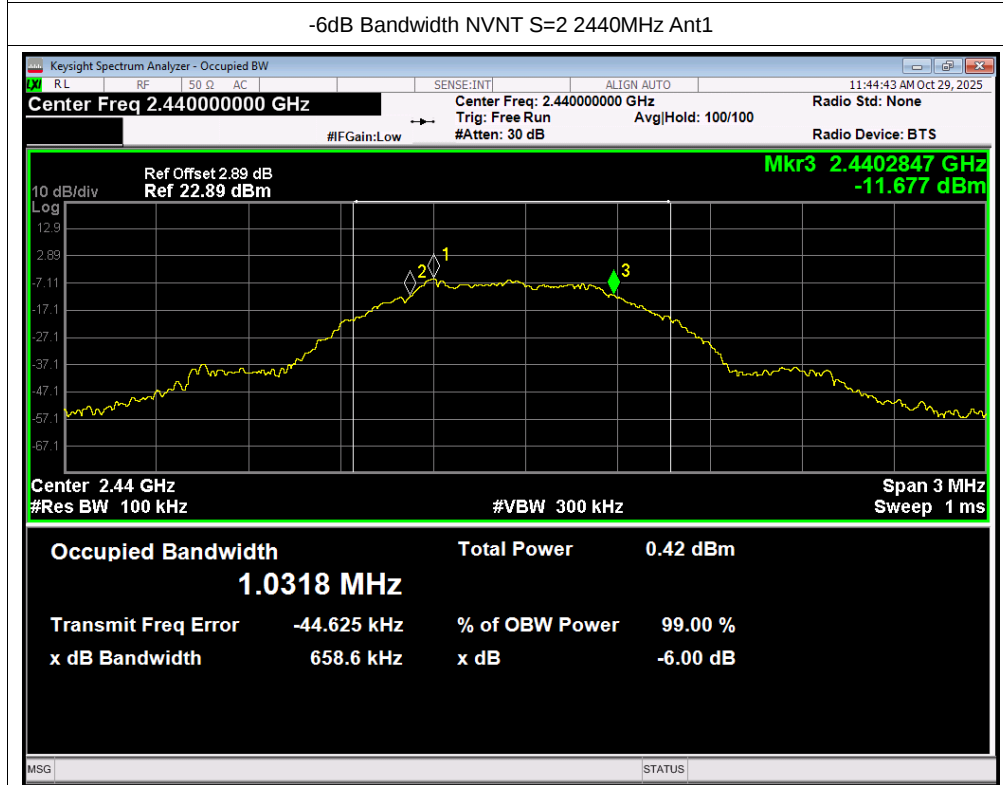
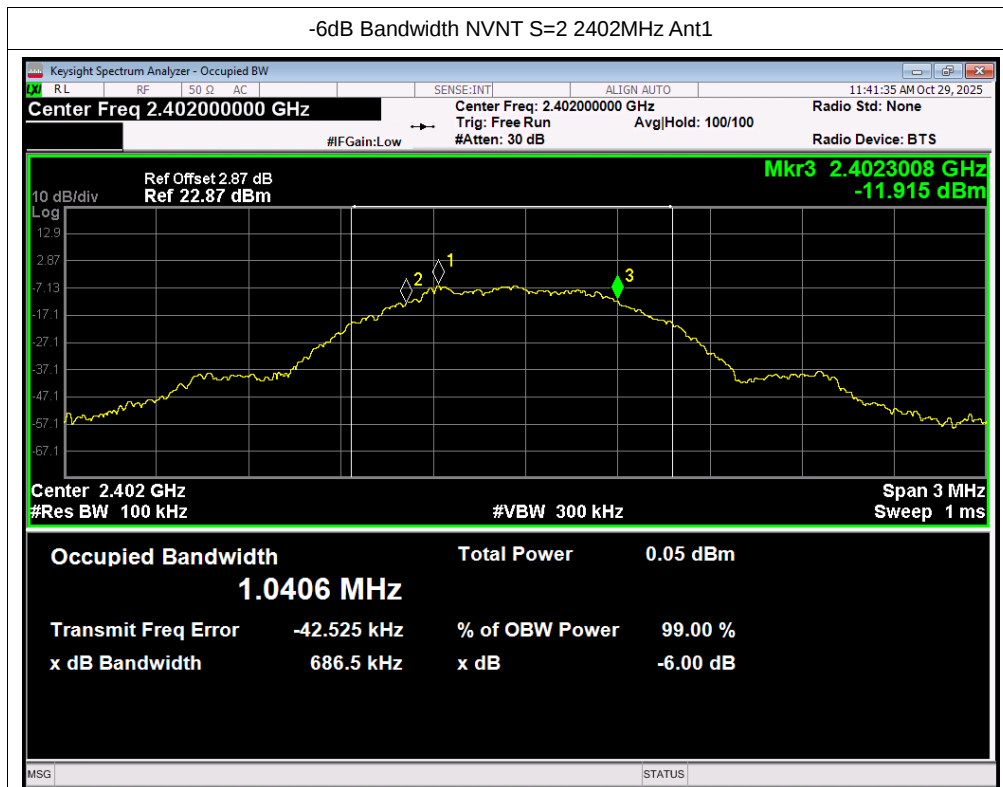
-6dB Bandwidth

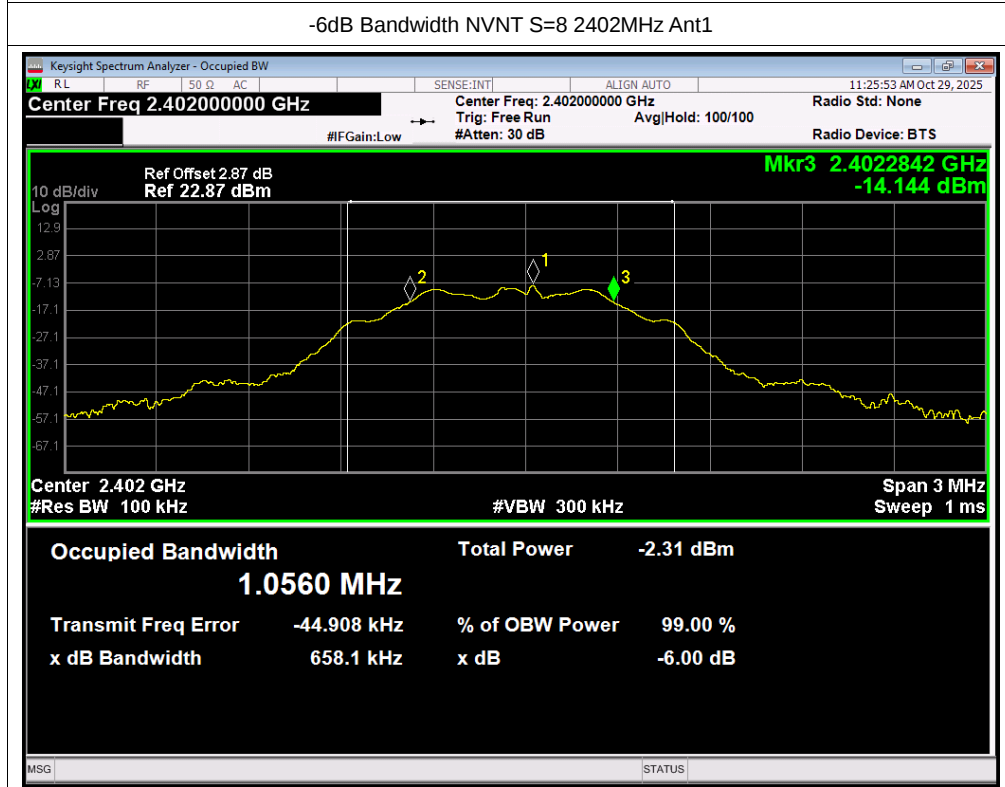
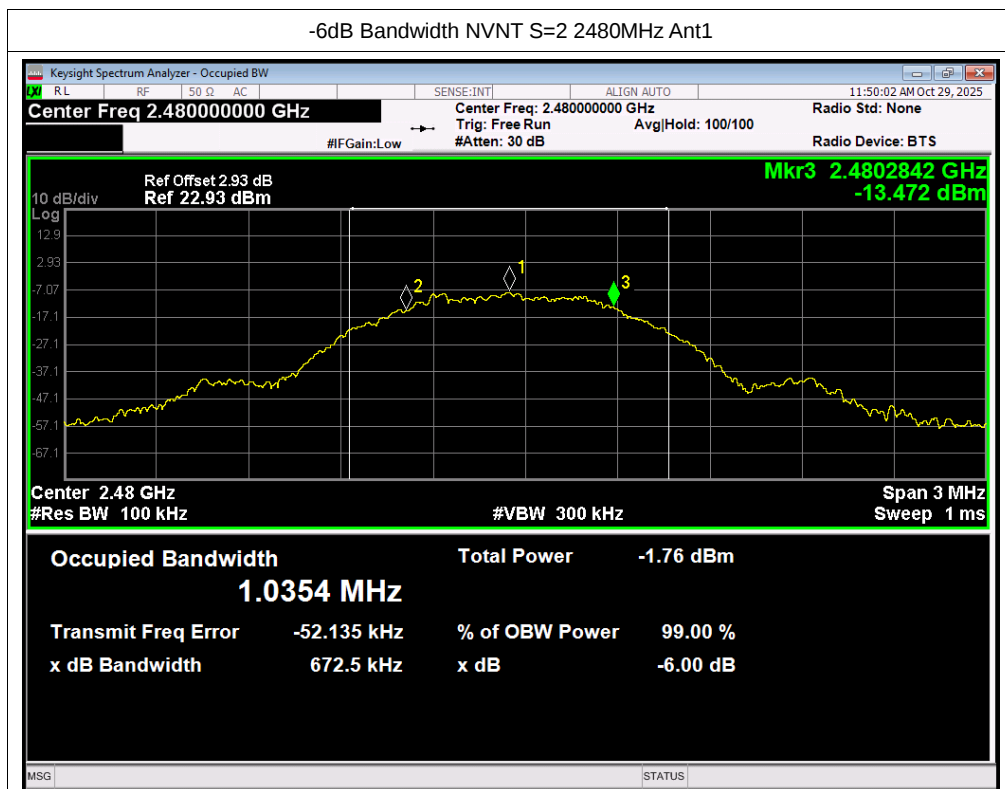
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.6677	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.6596	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.6444	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.101	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.097	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.115	0.5	Pass
NVNT	S=2	2402	Ant1	0.6865	0.5	Pass
NVNT	S=2	2440	Ant1	0.6586	0.5	Pass
NVNT	S=2	2480	Ant1	0.6725	0.5	Pass
NVNT	S=8	2402	Ant1	0.6581	0.5	Pass
NVNT	S=8	2440	Ant1	0.602	0.5	Pass
NVNT	S=8	2480	Ant1	0.611	0.5	Pass

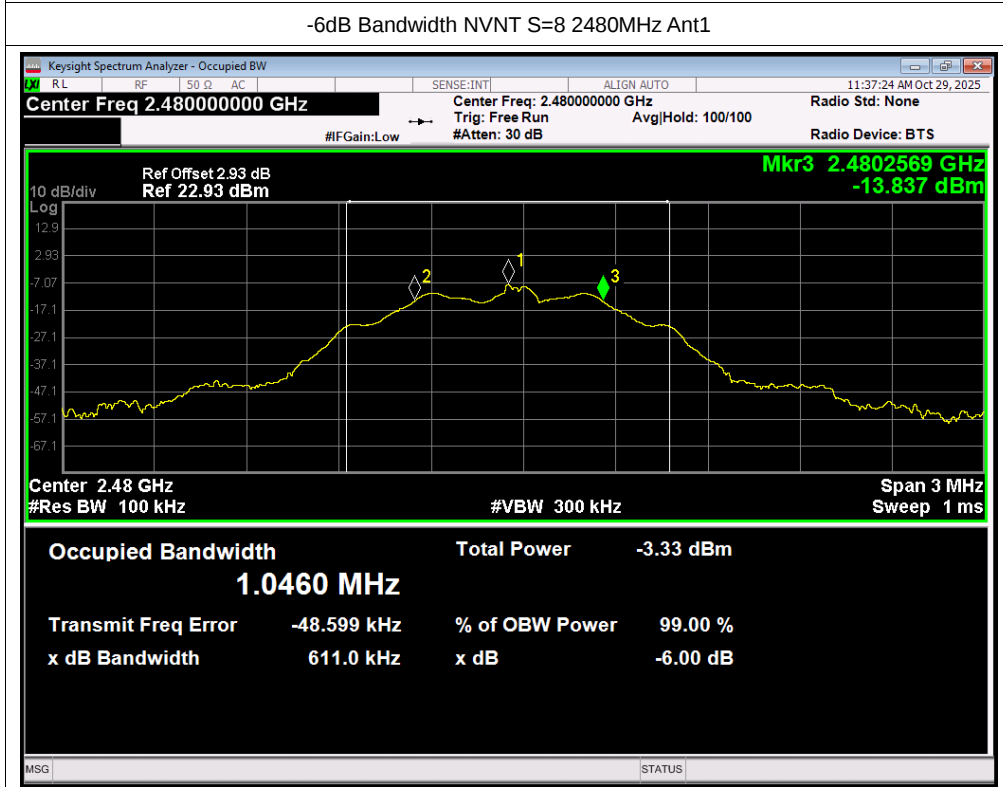
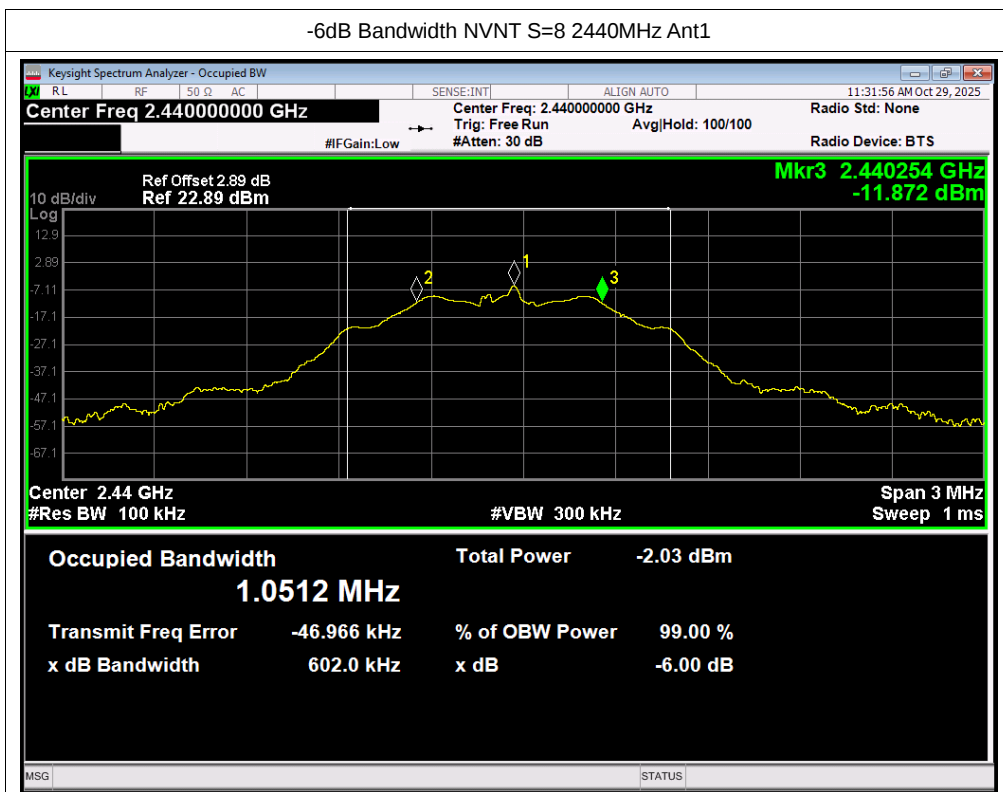






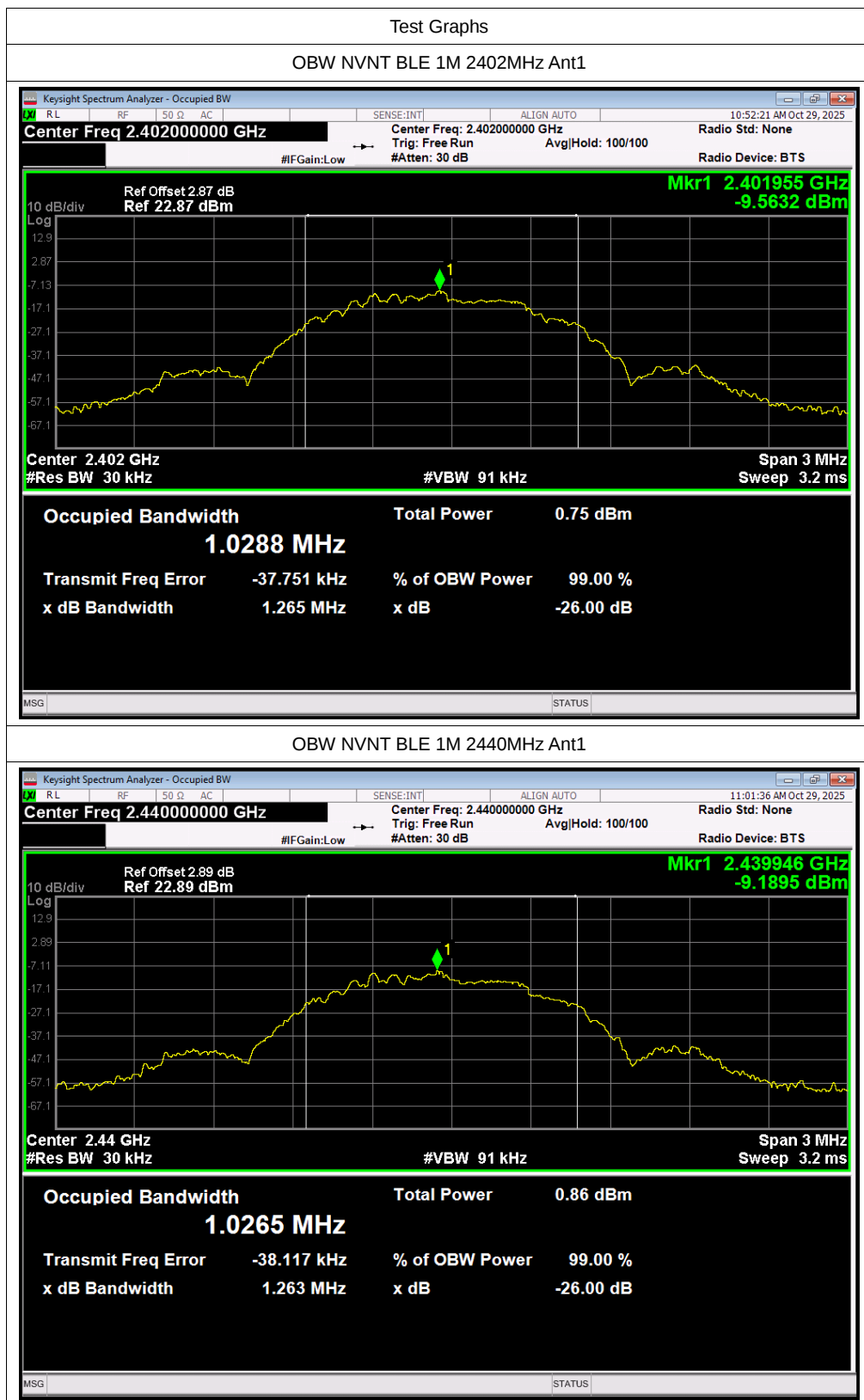


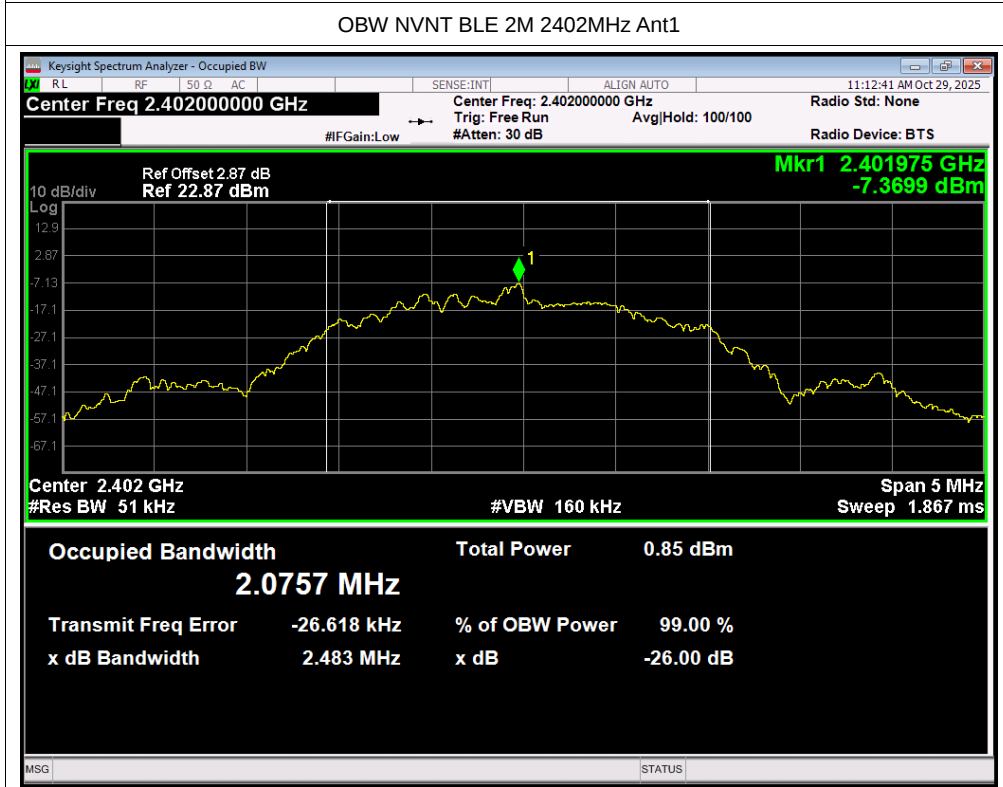
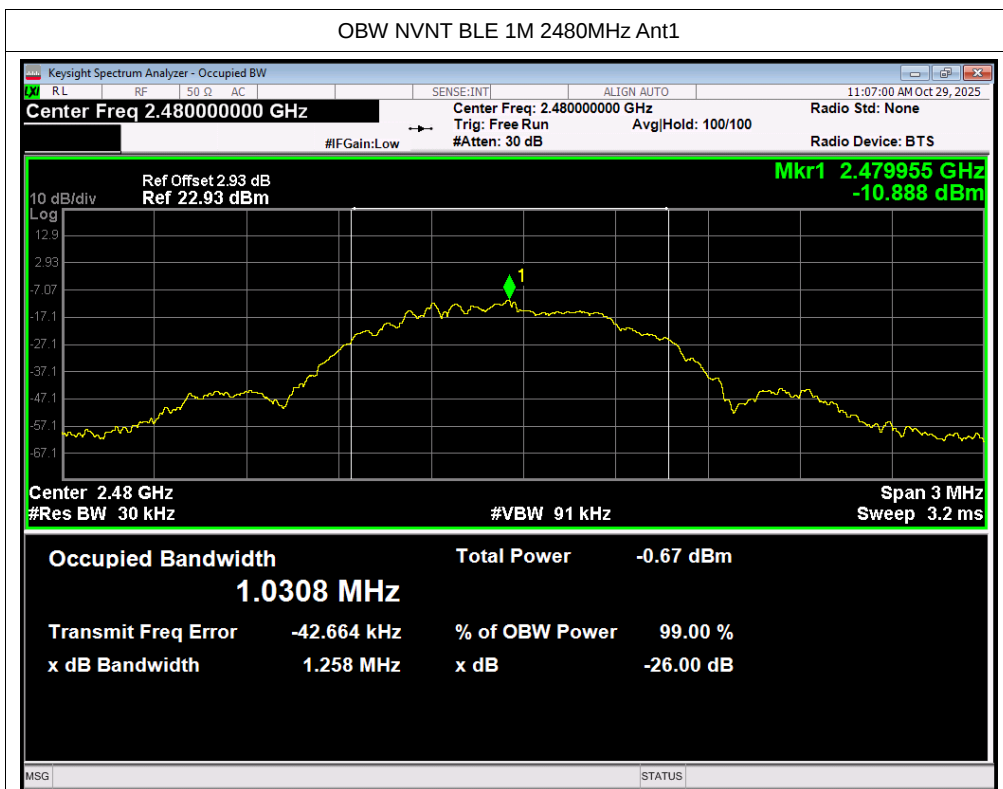


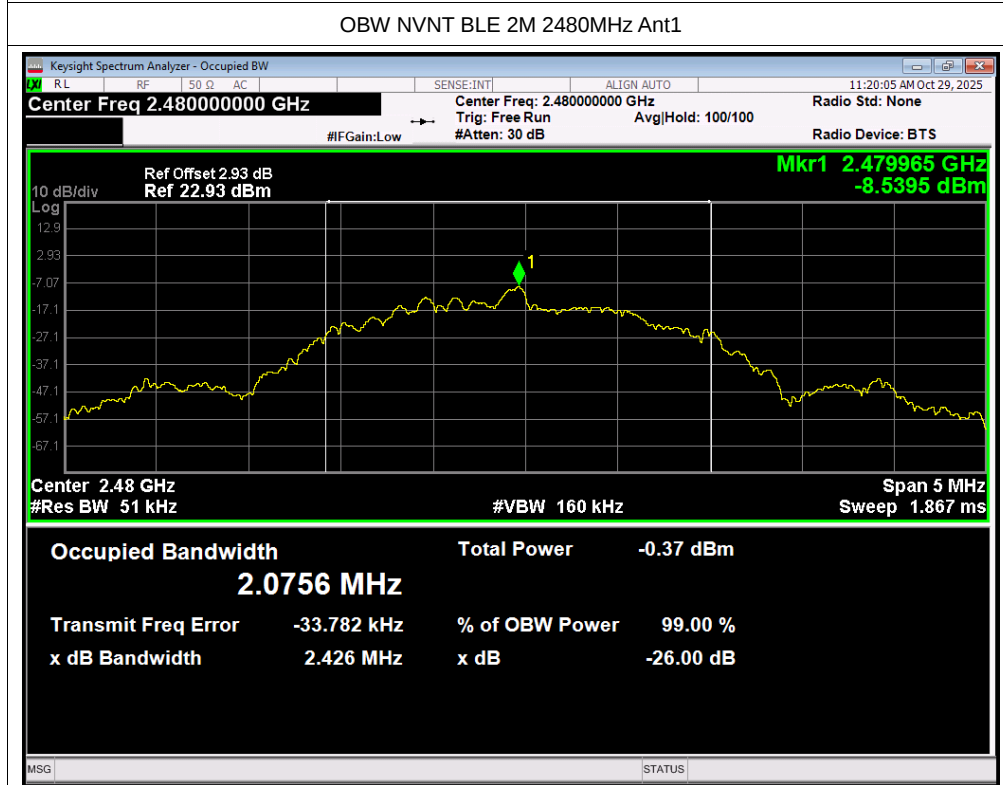
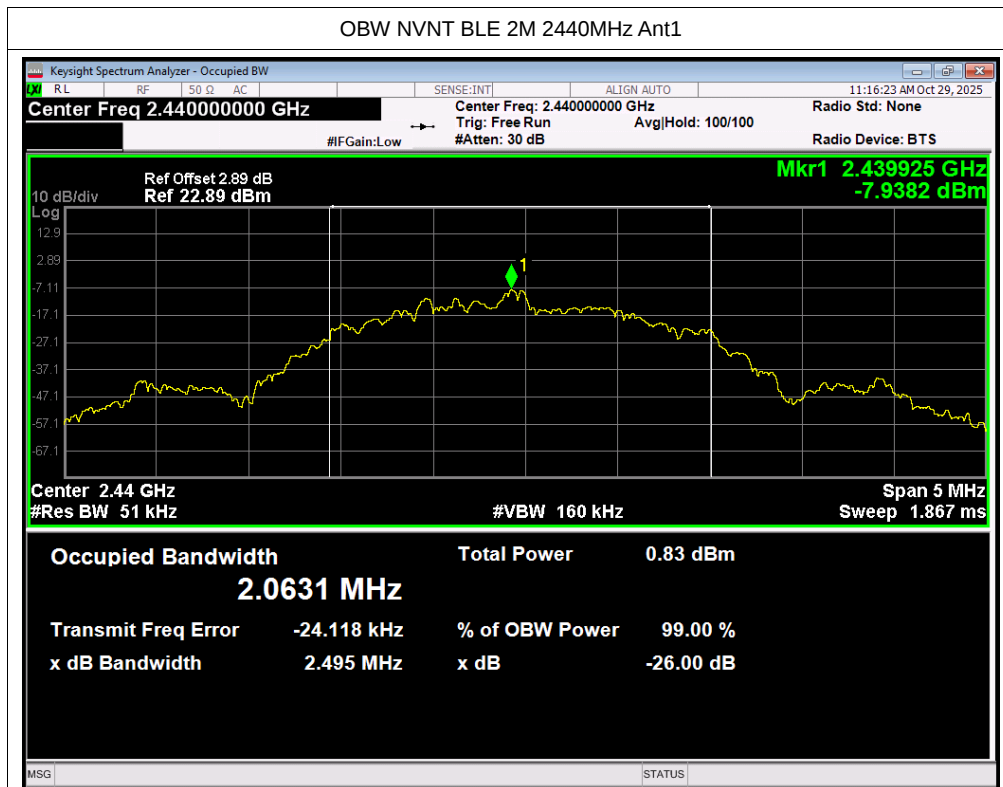


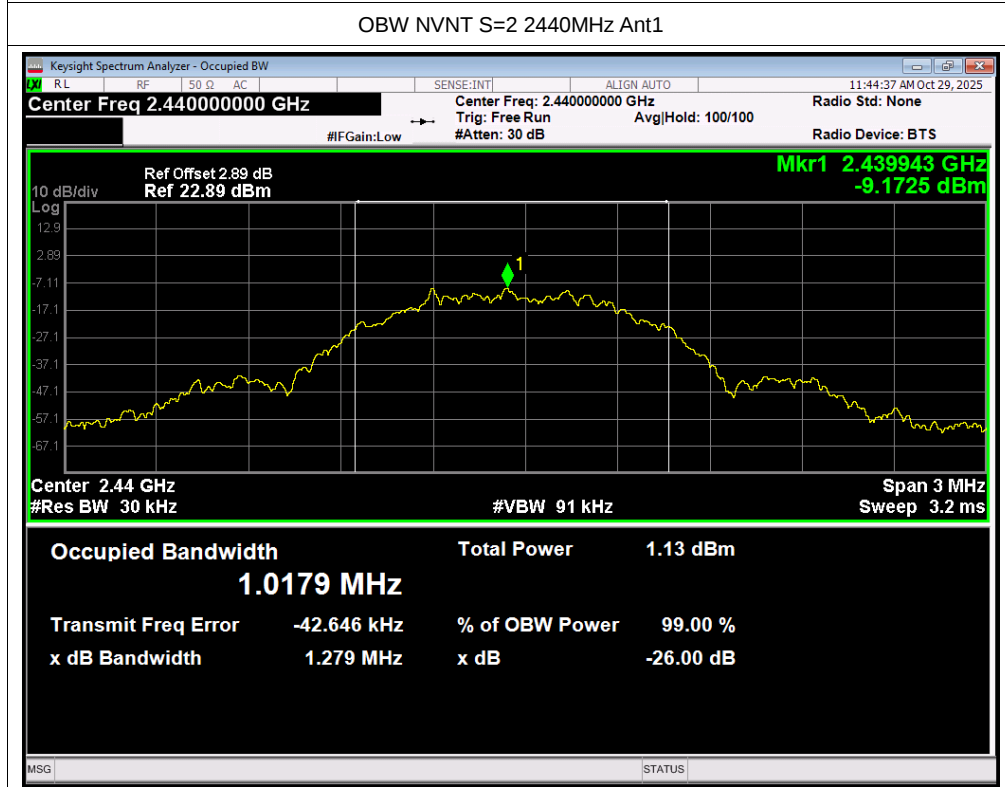
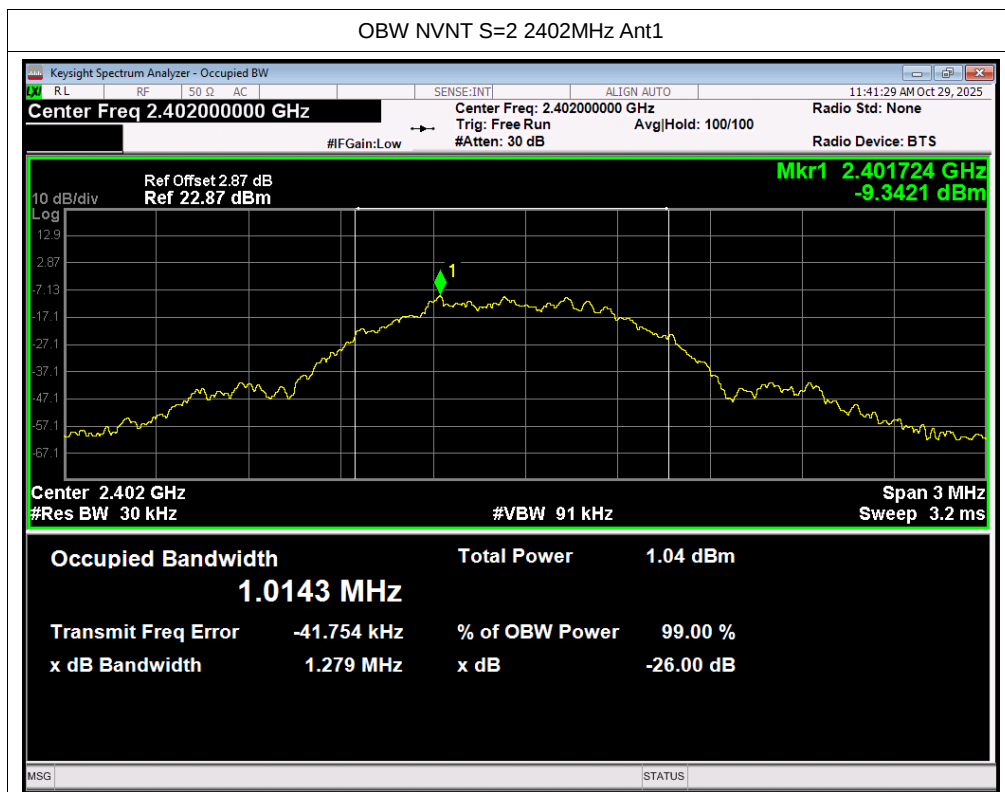
Occupied Channel Bandwidth

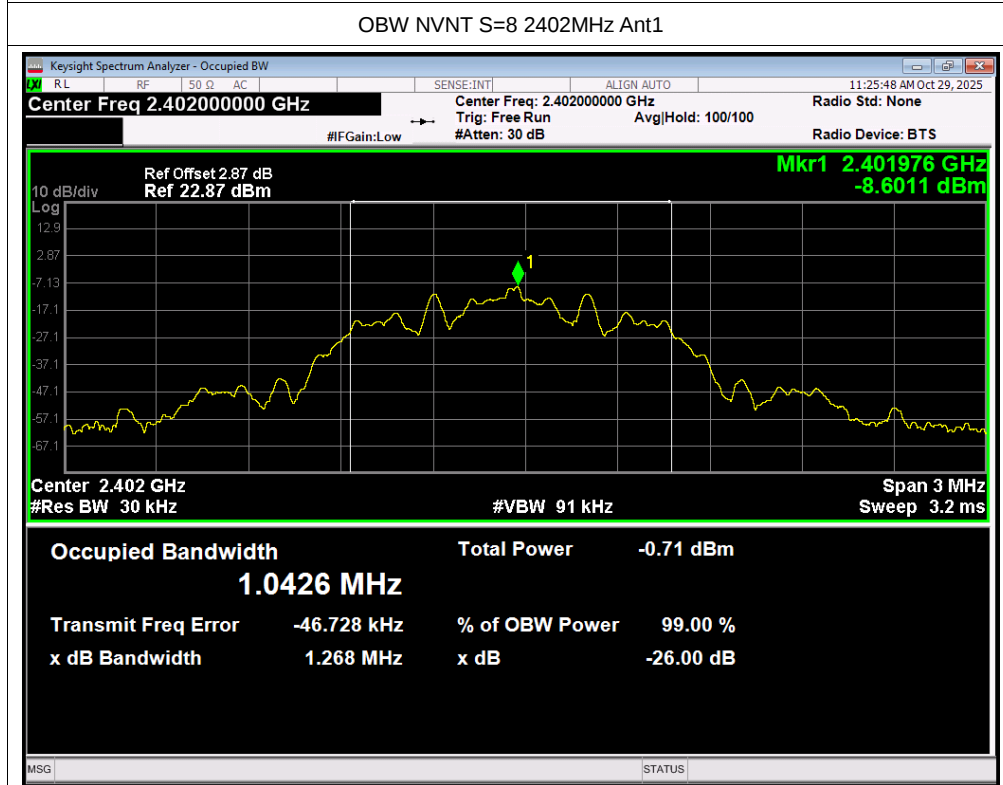
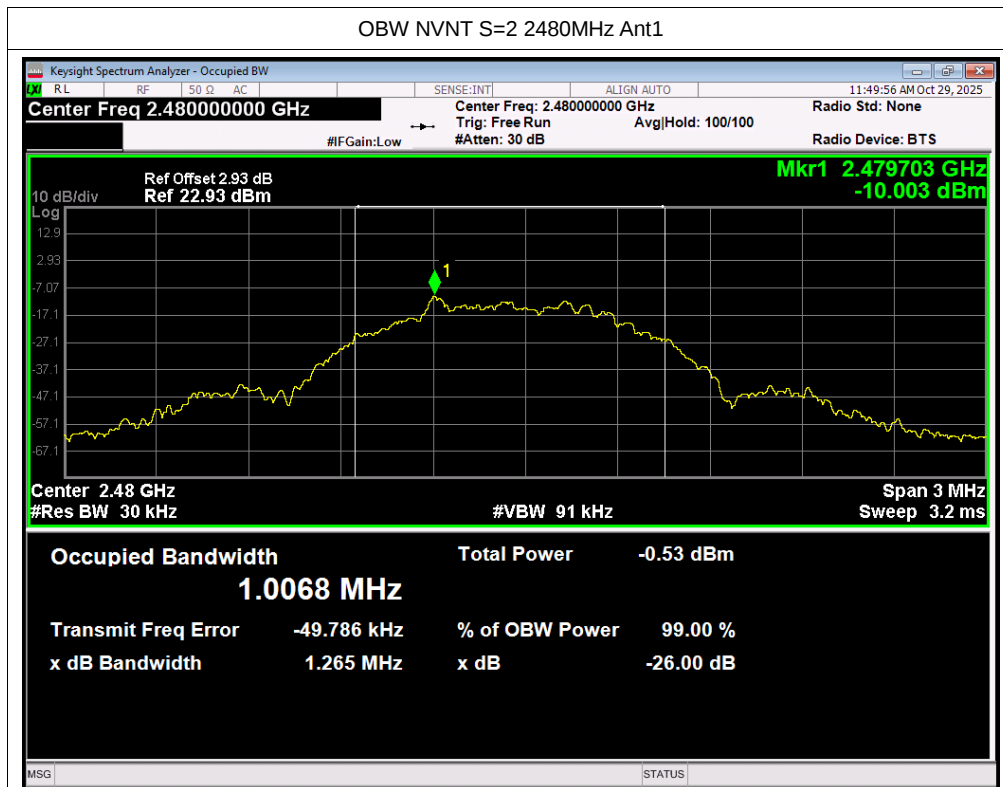
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.0288
NVNT	BLE 1M	2440	Ant1	1.0265
NVNT	BLE 1M	2480	Ant1	1.0308
NVNT	BLE 2M	2402	Ant1	2.0757
NVNT	BLE 2M	2440	Ant1	2.0631
NVNT	BLE 2M	2480	Ant1	2.0756
NVNT	S=2	2402	Ant1	1.0143
NVNT	S=2	2440	Ant1	1.0179
NVNT	S=2	2480	Ant1	1.0068
NVNT	S=8	2402	Ant1	1.0426
NVNT	S=8	2440	Ant1	1.0458
NVNT	S=8	2480	Ant1	1.047

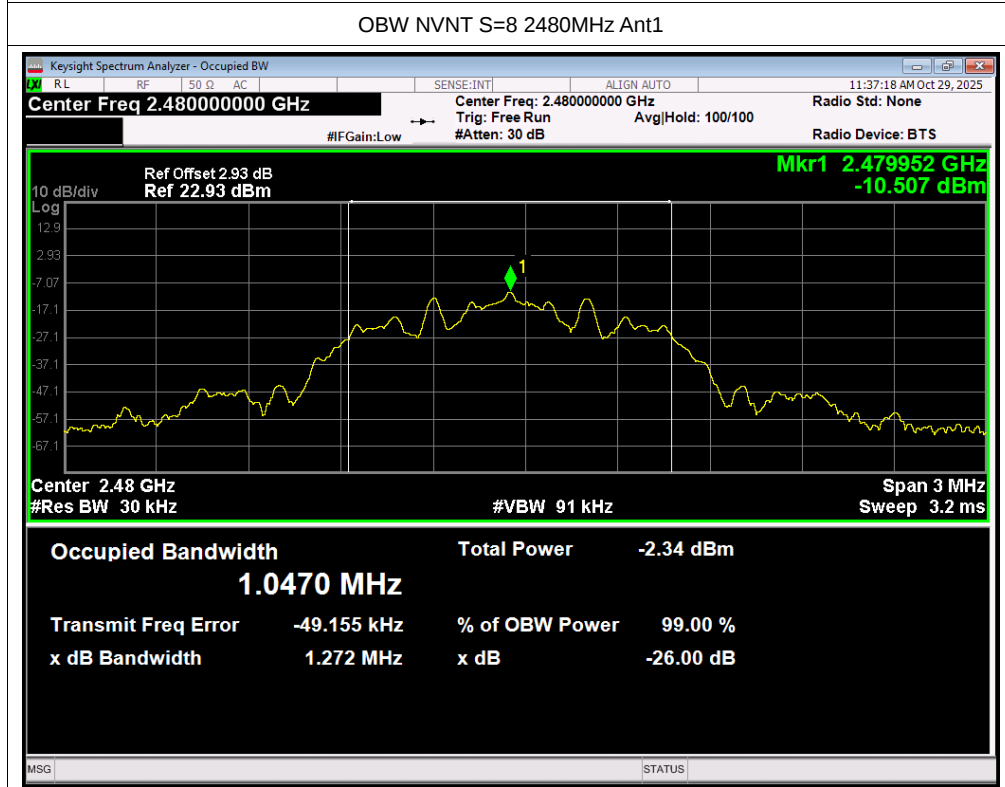
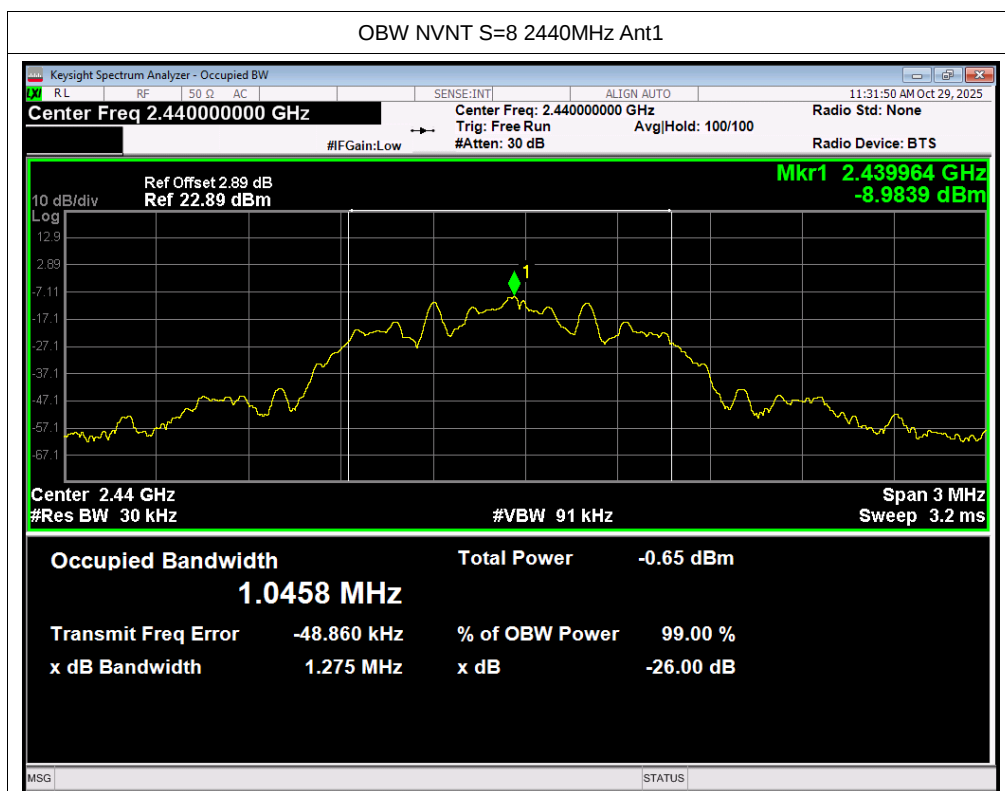






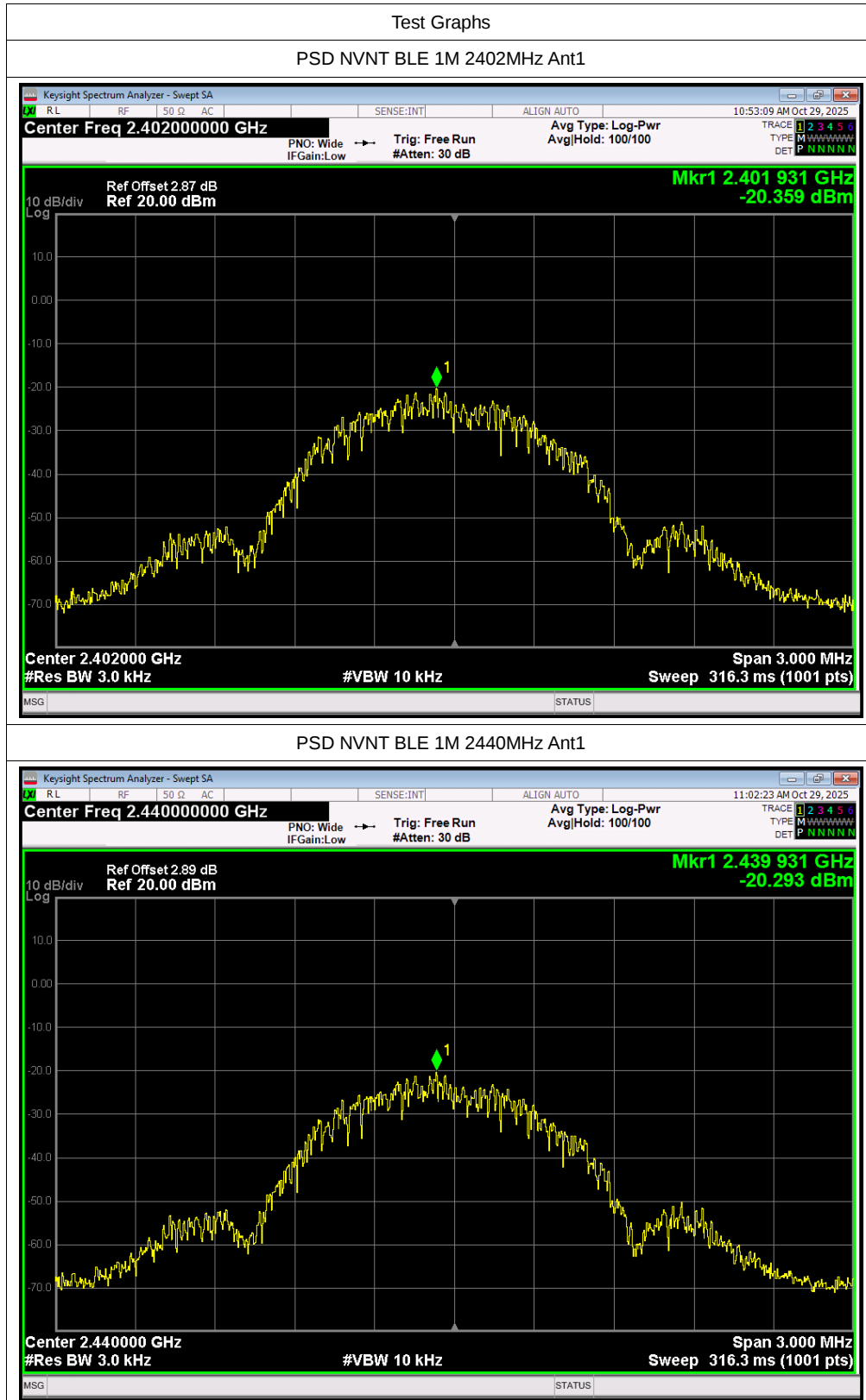


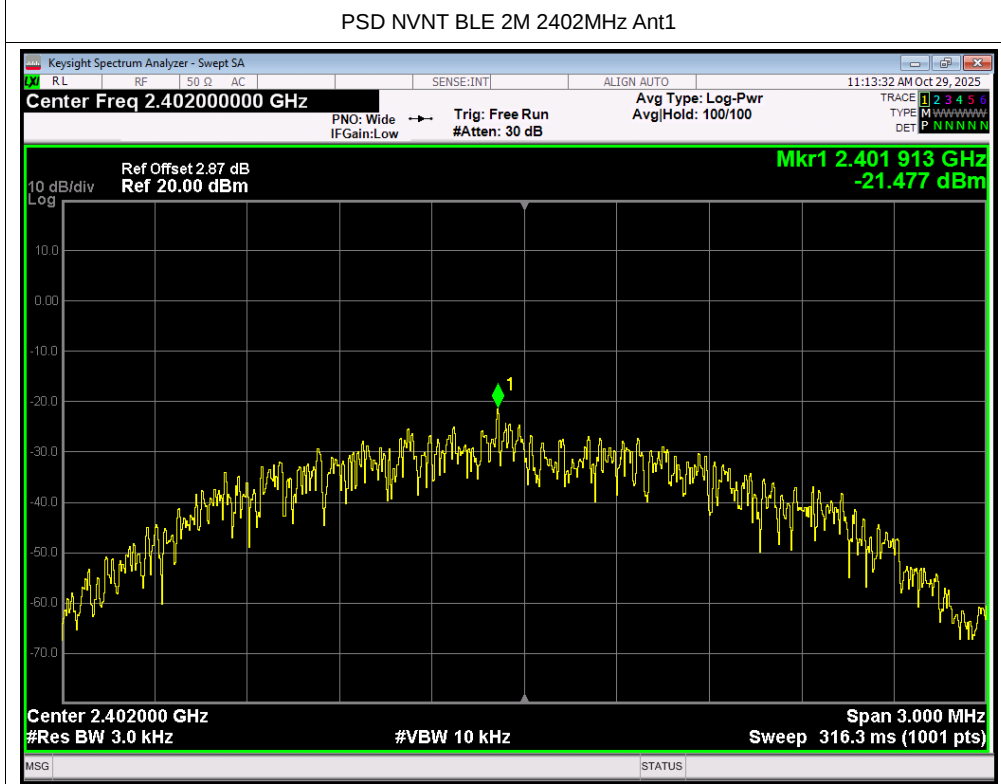
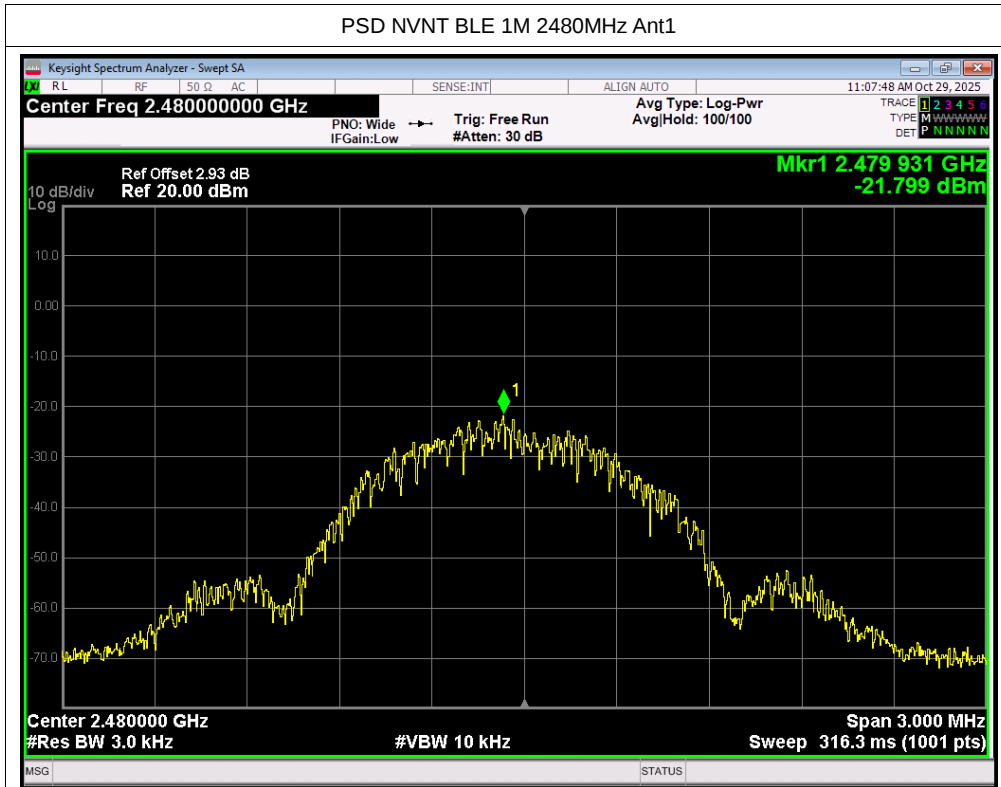


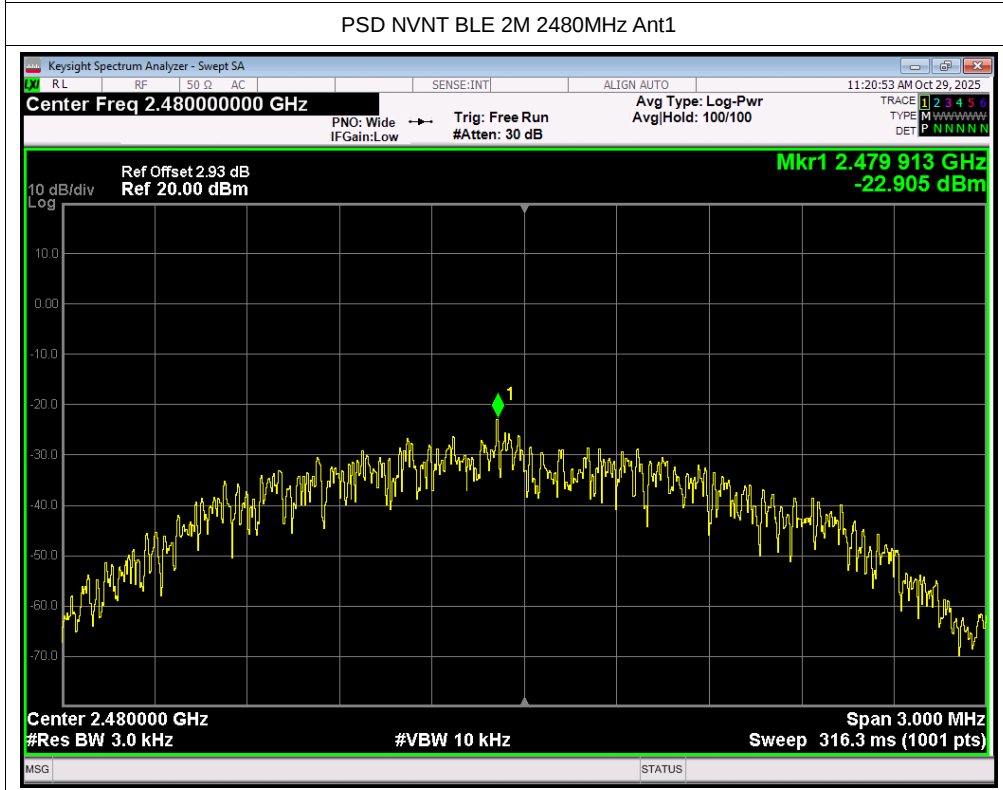
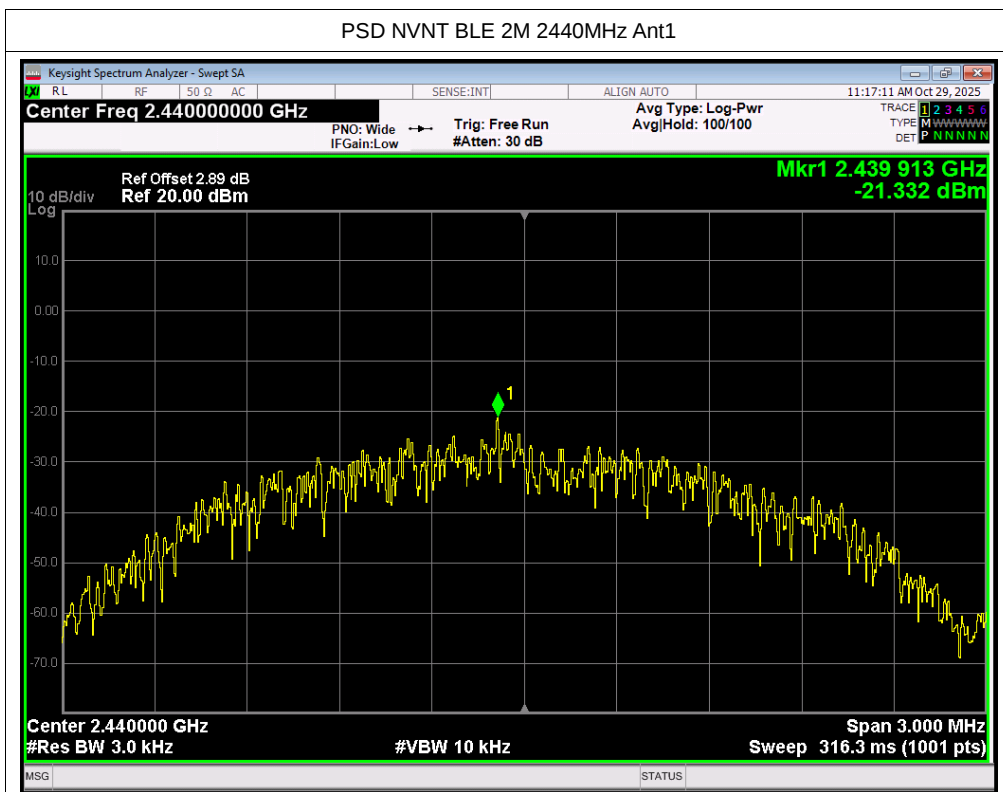


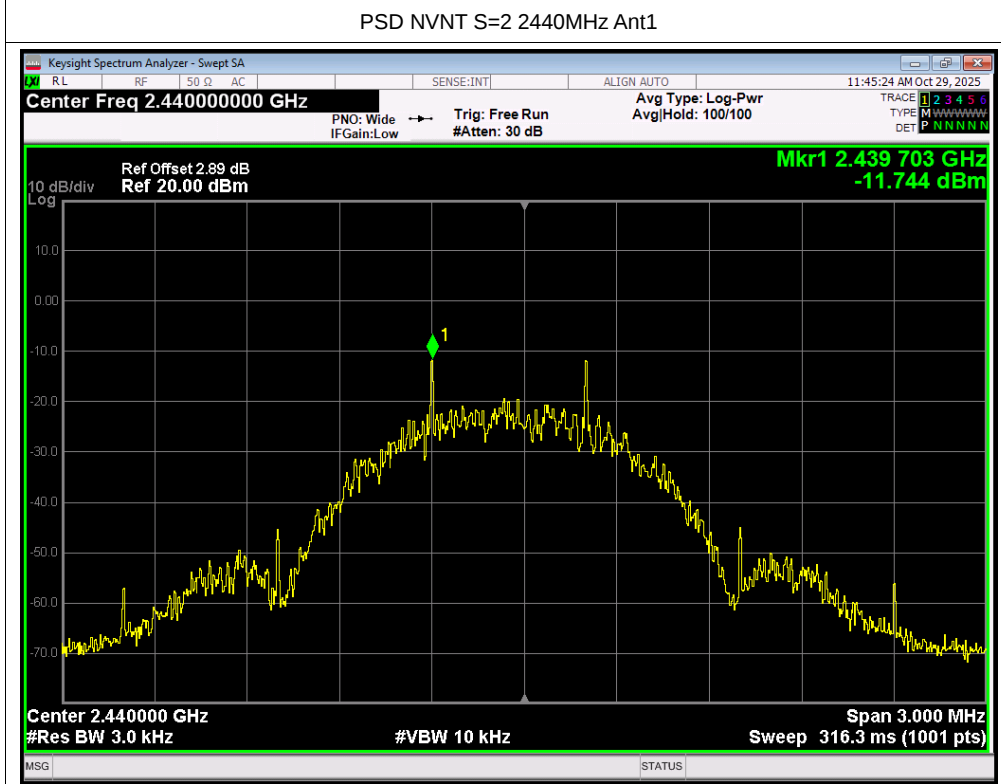
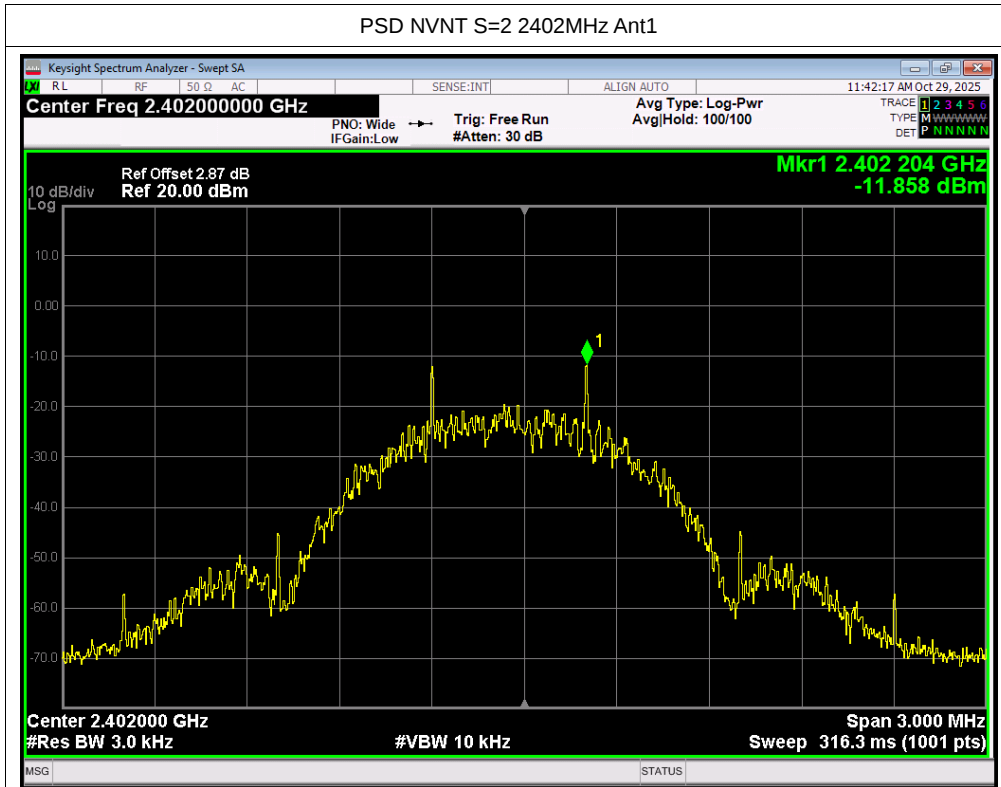
Maximum Power Spectral Density Level

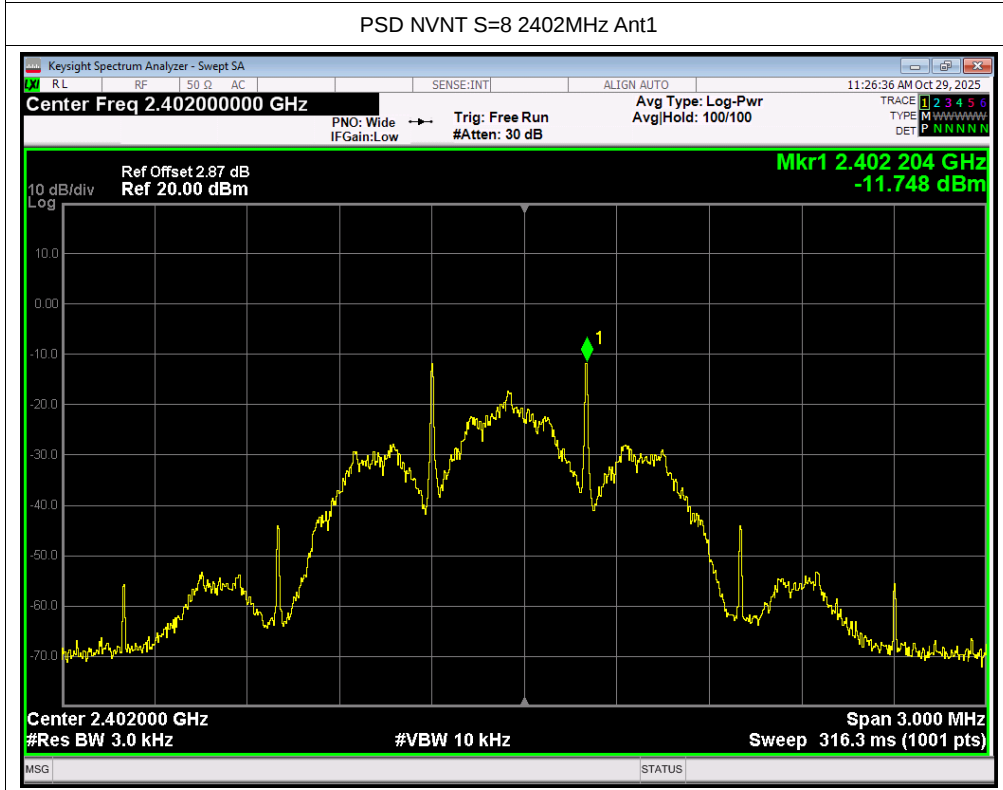
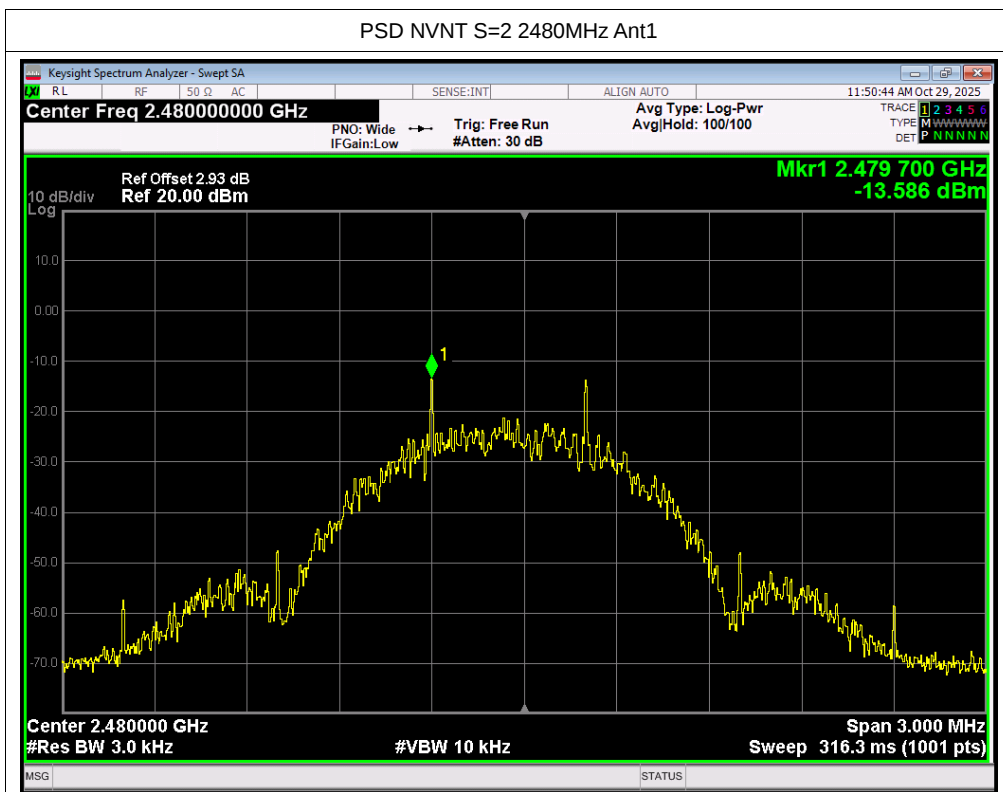
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-20.36	-20.36	8	Pass
NVNT	BLE 1M	2440	Ant1	-20.29	-20.29	8	Pass
NVNT	BLE 1M	2480	Ant1	-21.8	-21.8	8	Pass
NVNT	BLE 2M	2402	Ant1	-21.48	-21.48	8	Pass
NVNT	BLE 2M	2440	Ant1	-21.33	-21.33	8	Pass
NVNT	BLE 2M	2480	Ant1	-22.91	-22.91	8	Pass
NVNT	S=2	2402	Ant1	-11.86	-11.86	8	Pass
NVNT	S=2	2440	Ant1	-11.74	-11.74	8	Pass
NVNT	S=2	2480	Ant1	-13.59	-13.59	8	Pass
NVNT	S=8	2402	Ant1	-11.75	-11.75	8	Pass
NVNT	S=8	2440	Ant1	-11.64	-11.64	8	Pass
NVNT	S=8	2480	Ant1	-13.12	-13.12	8	Pass

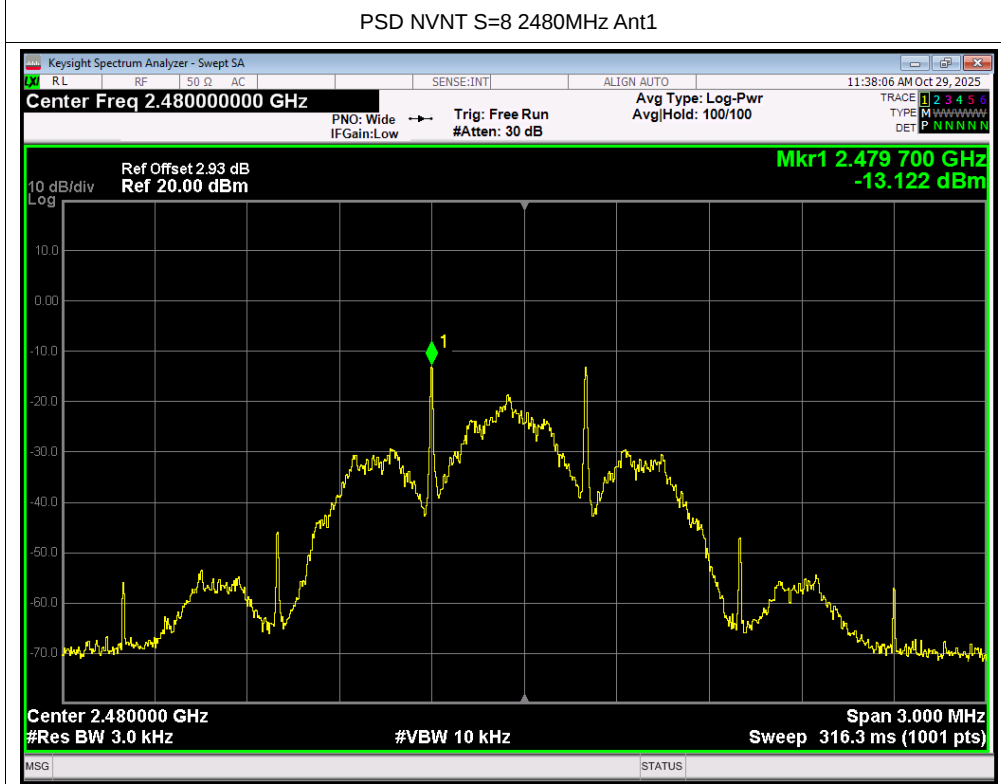
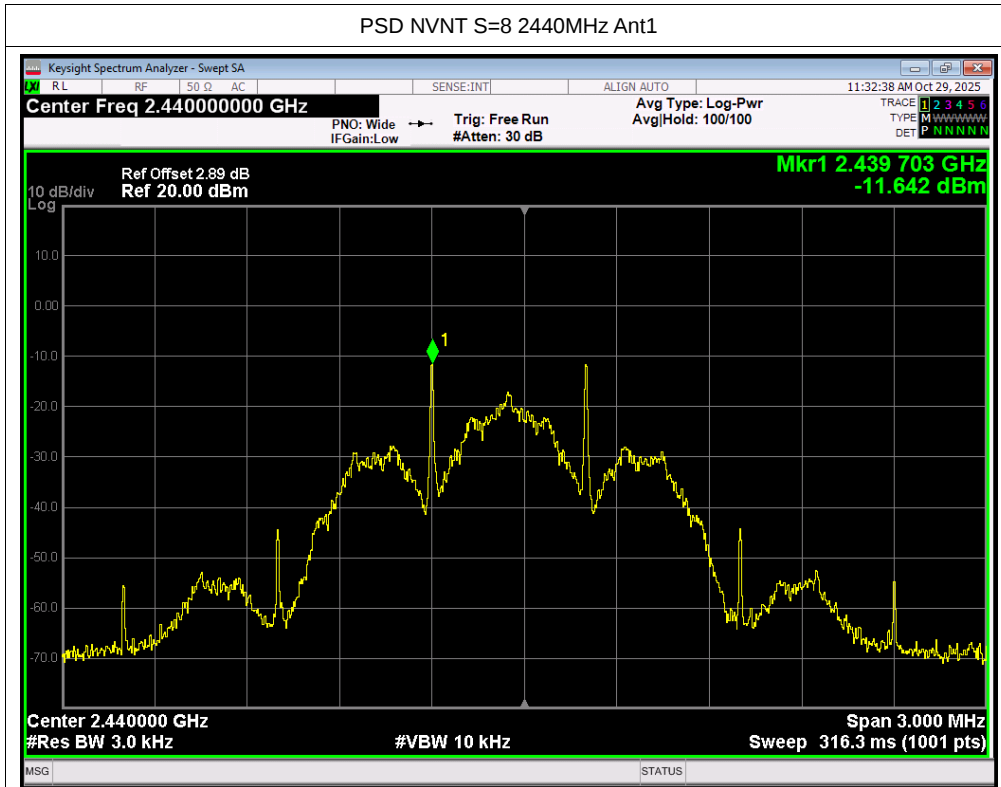






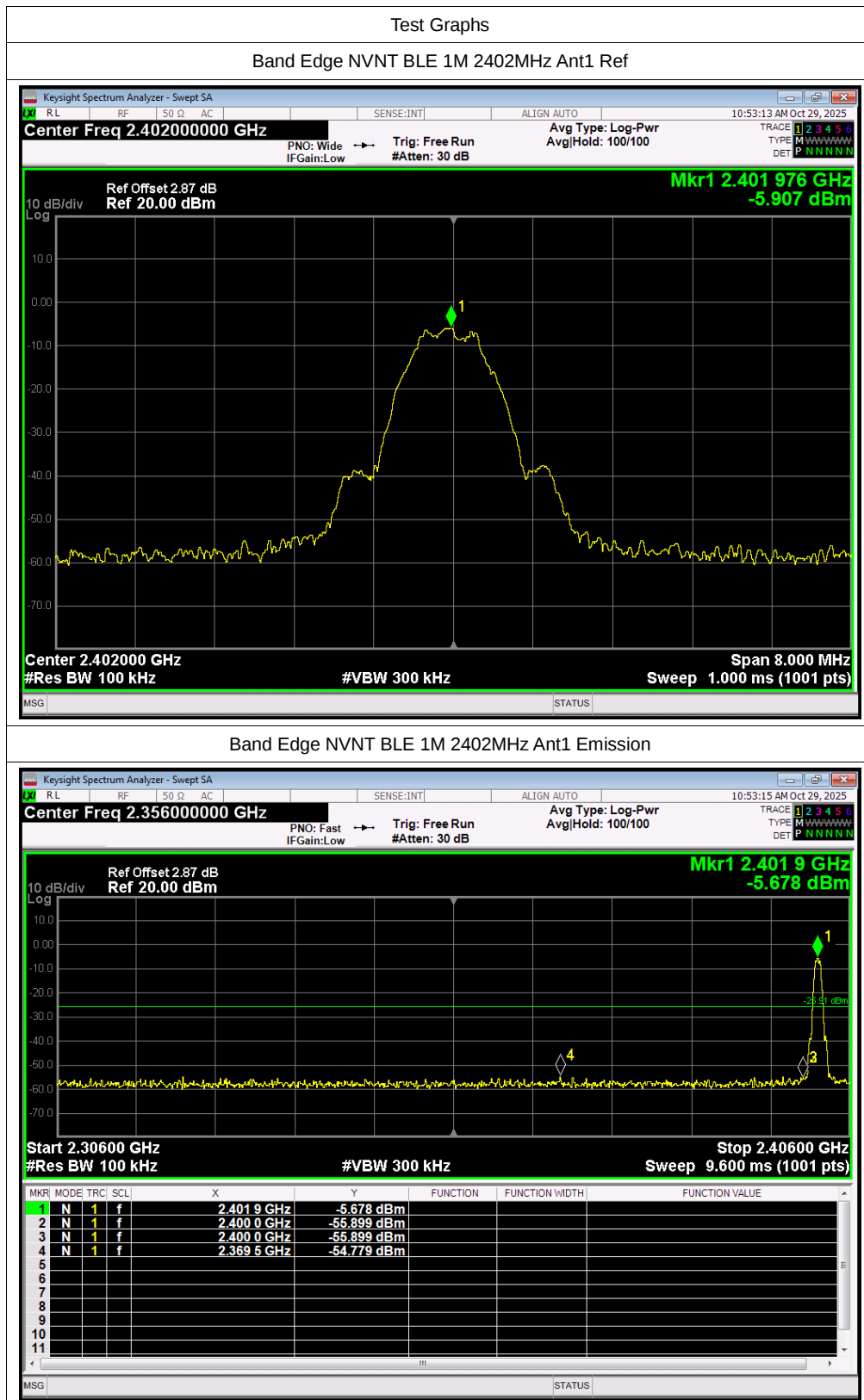


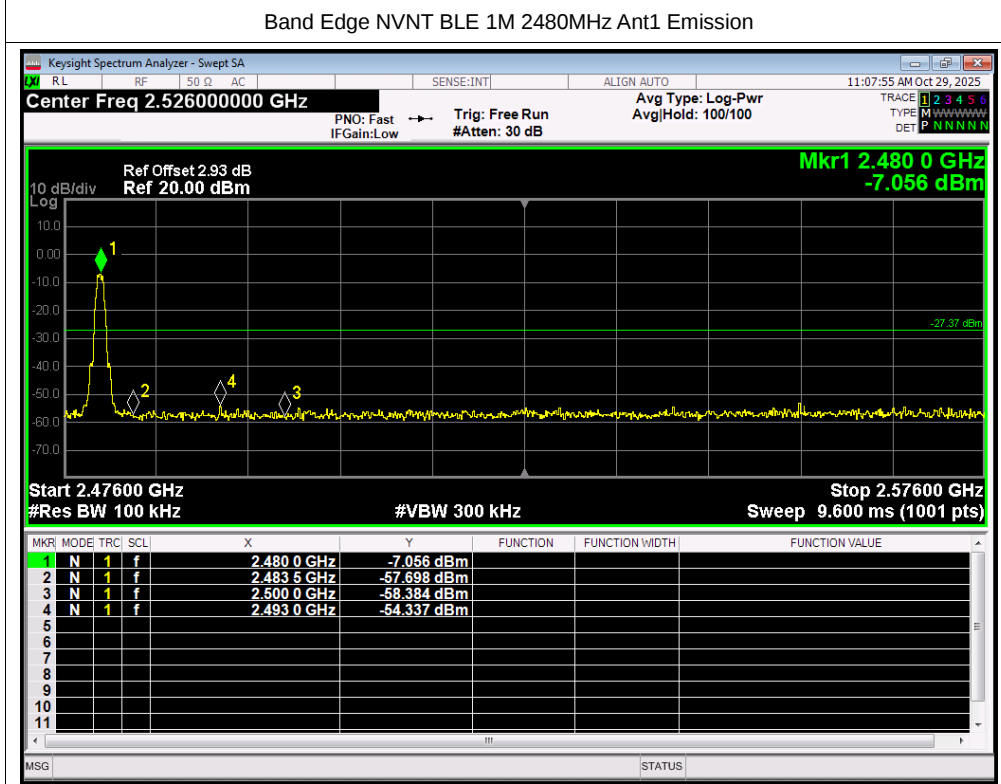
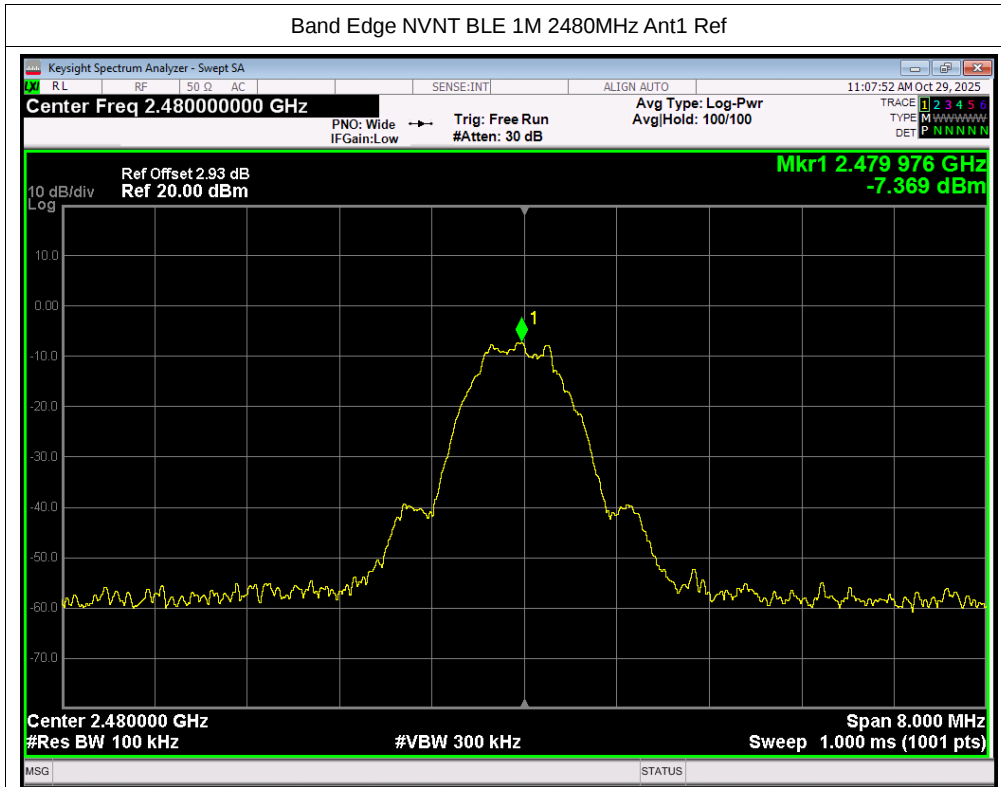


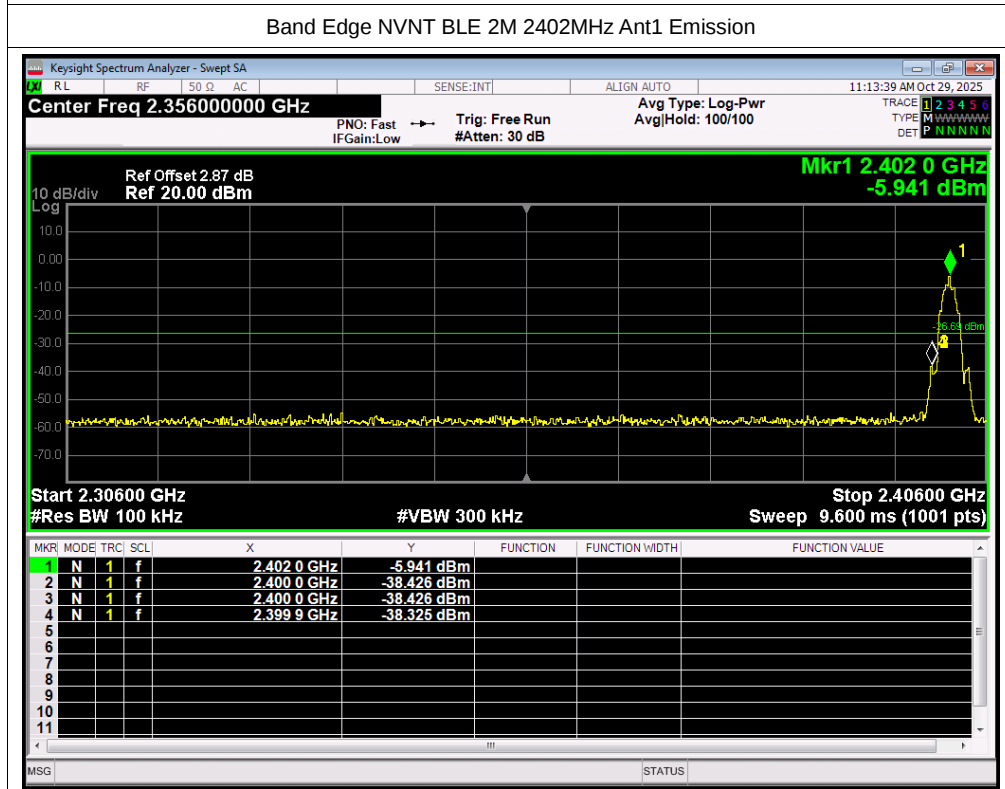


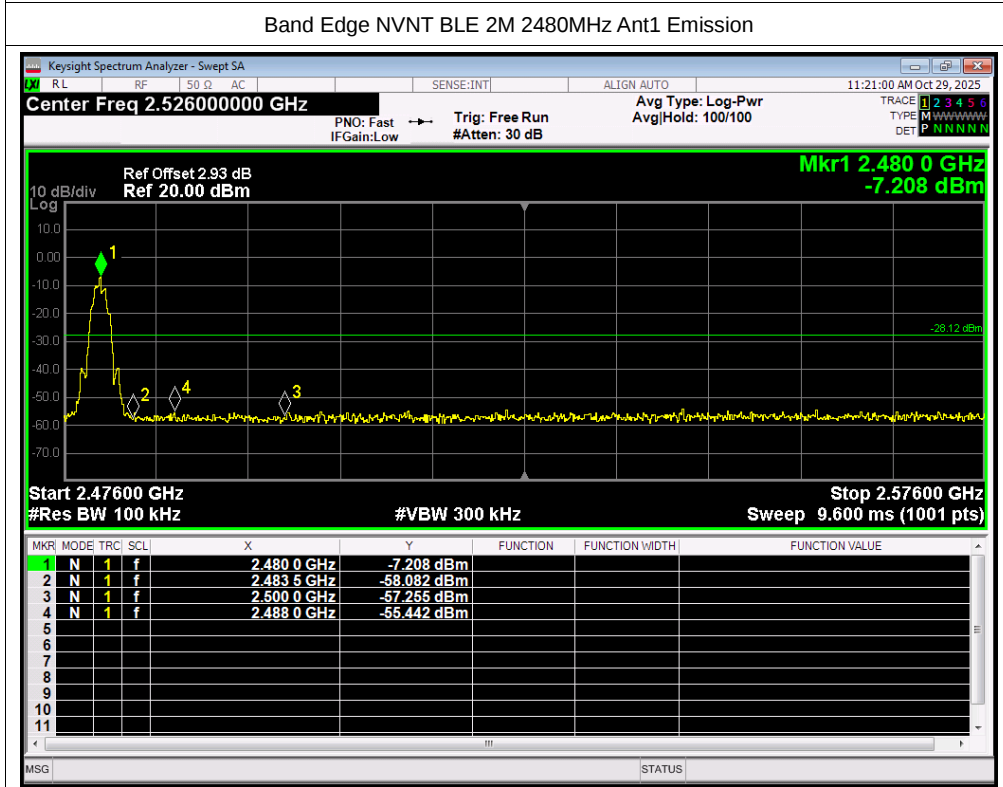
Band Edge

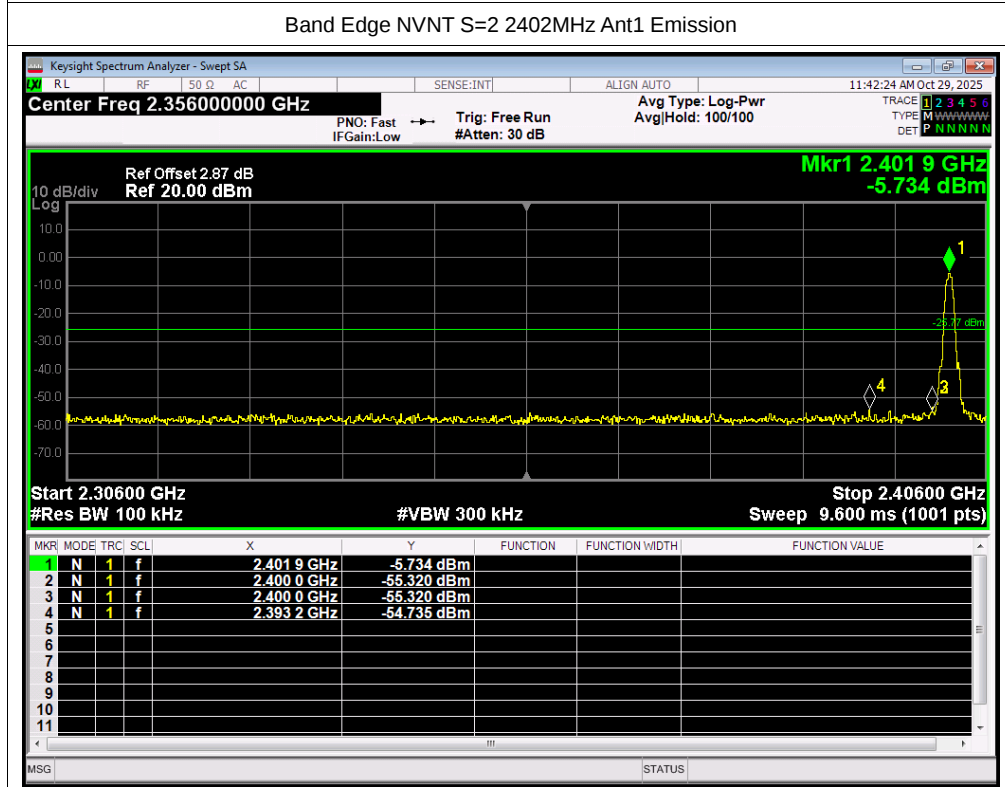
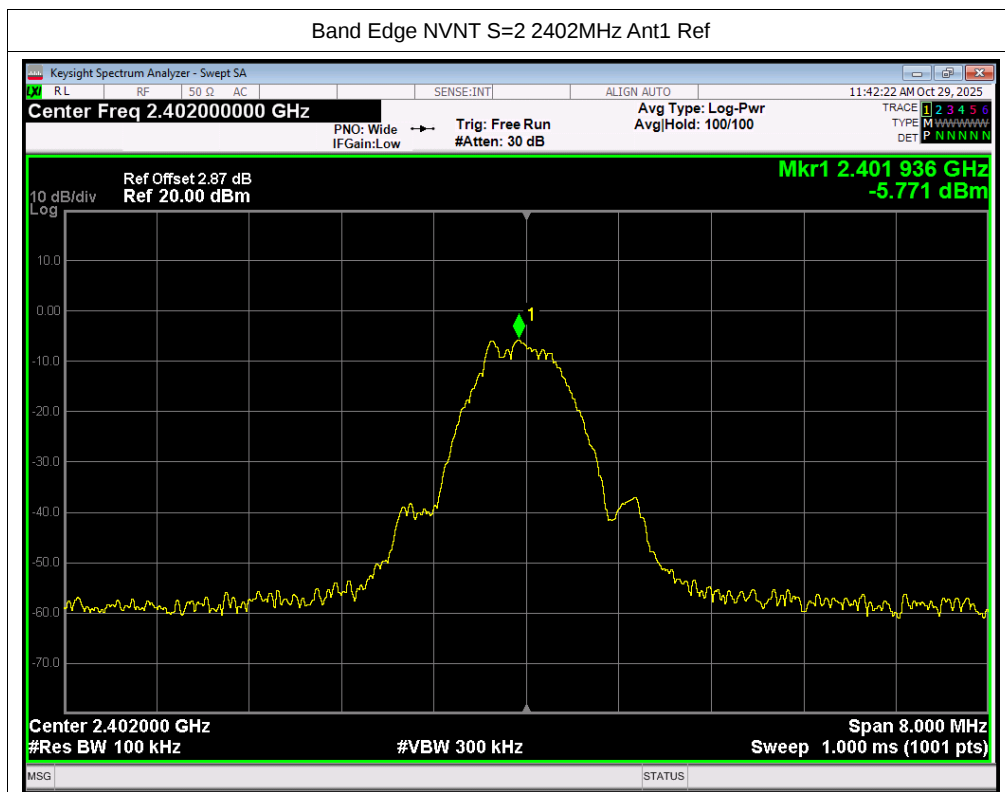
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-48.86	-20	Pass
NVNT	BLE 1M	2480	Ant1	-46.96	-20	Pass
NVNT	BLE 2M	2402	Ant1	-31.64	-20	Pass
NVNT	BLE 2M	2480	Ant1	-47.32	-20	Pass
NVNT	S=2	2402	Ant1	-48.96	-20	Pass
NVNT	S=2	2480	Ant1	-48.13	-20	Pass
NVNT	S=8	2402	Ant1	-47.24	-20	Pass
NVNT	S=8	2480	Ant1	-45	-20	Pass

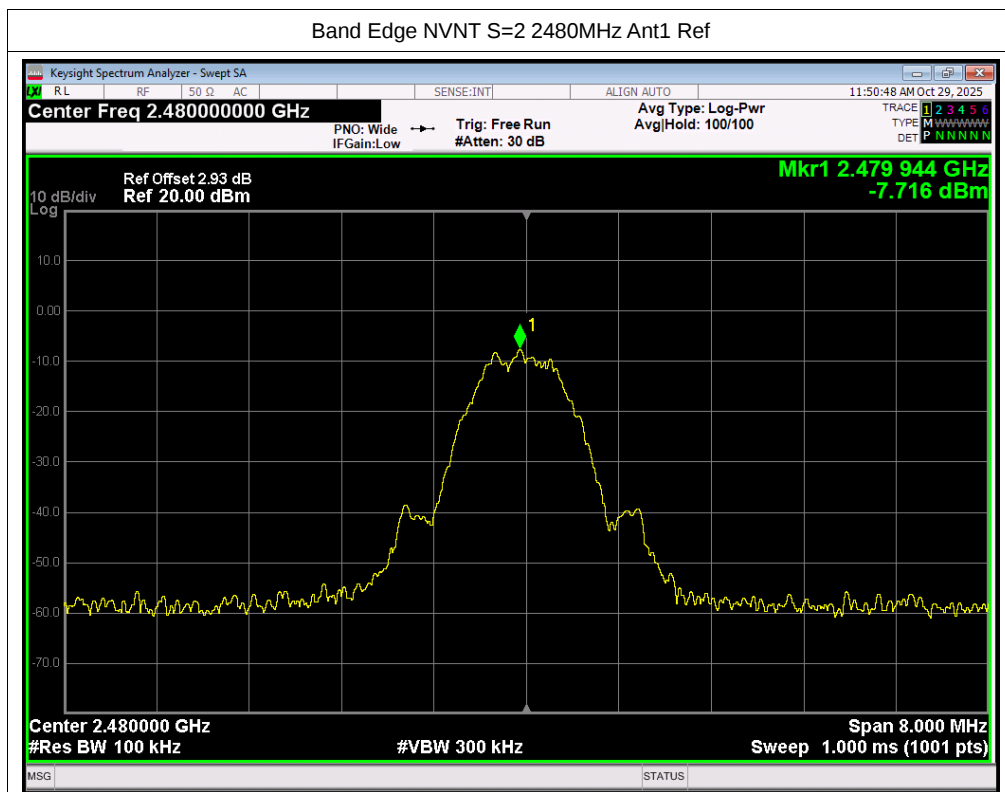




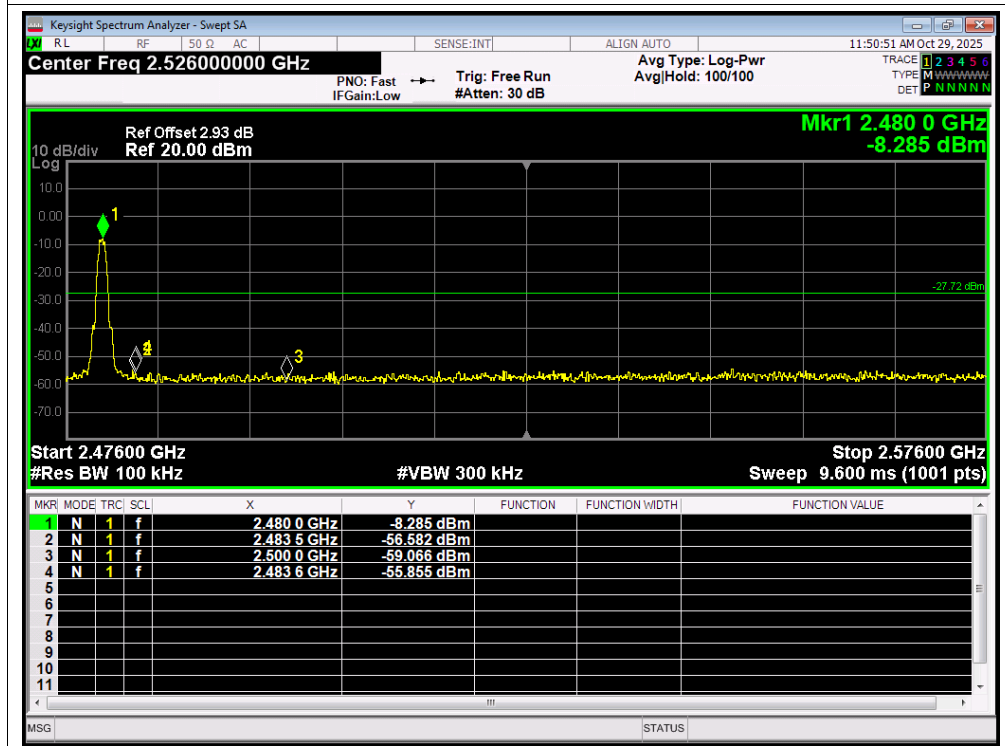


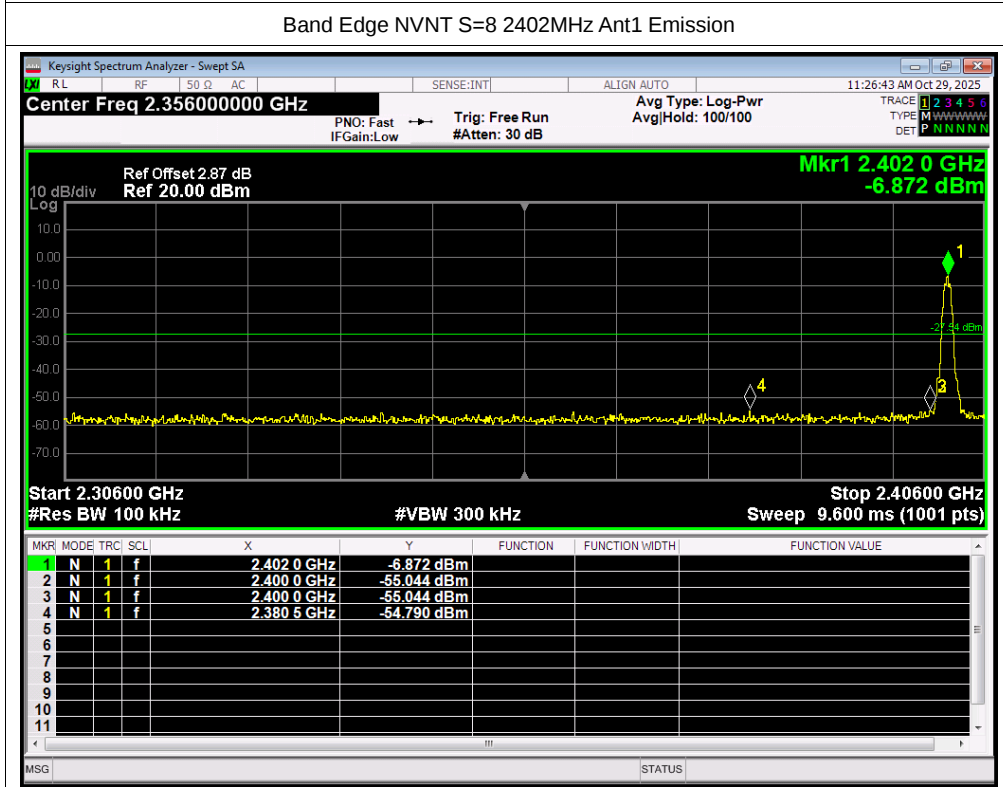
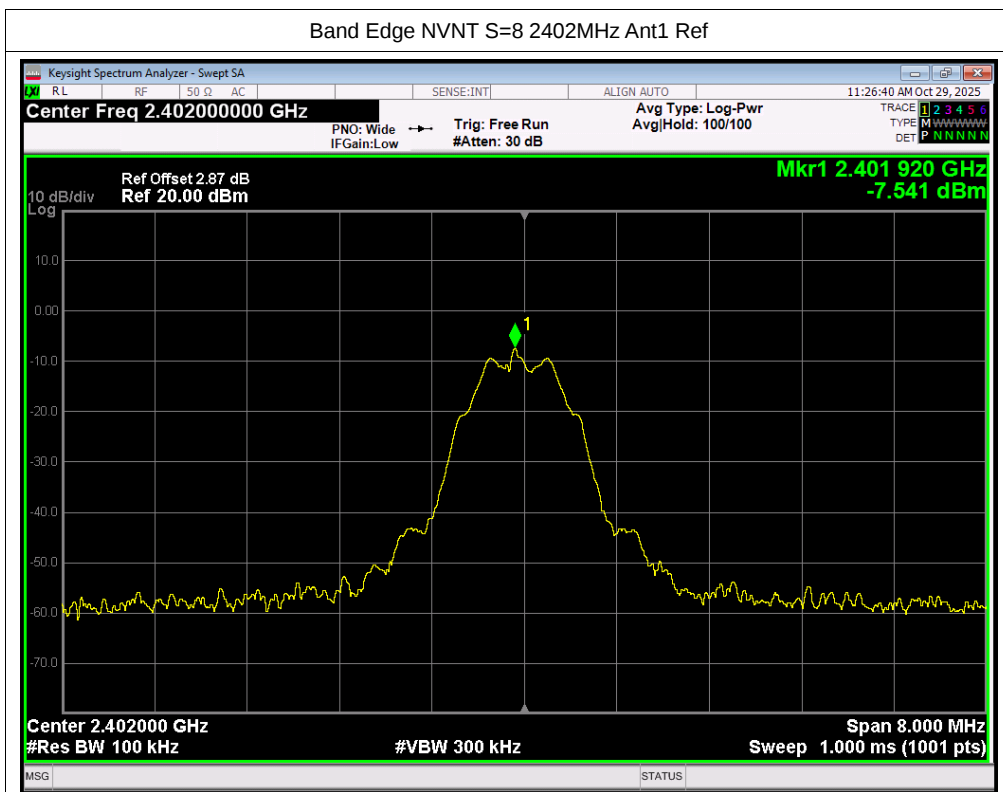


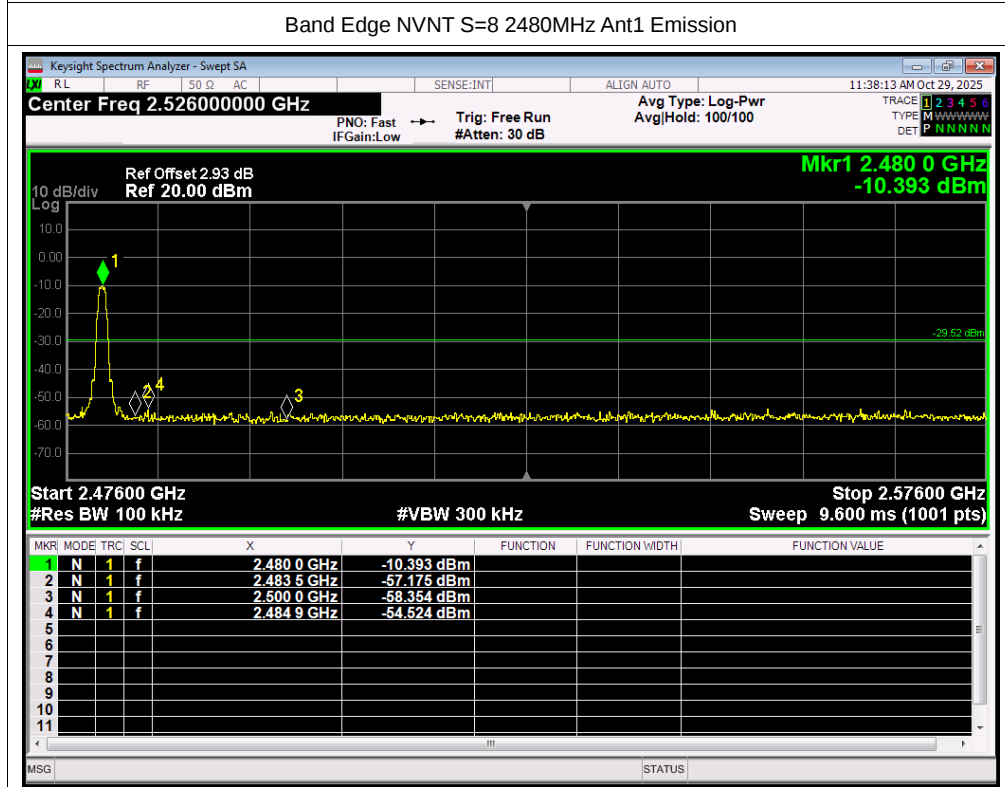
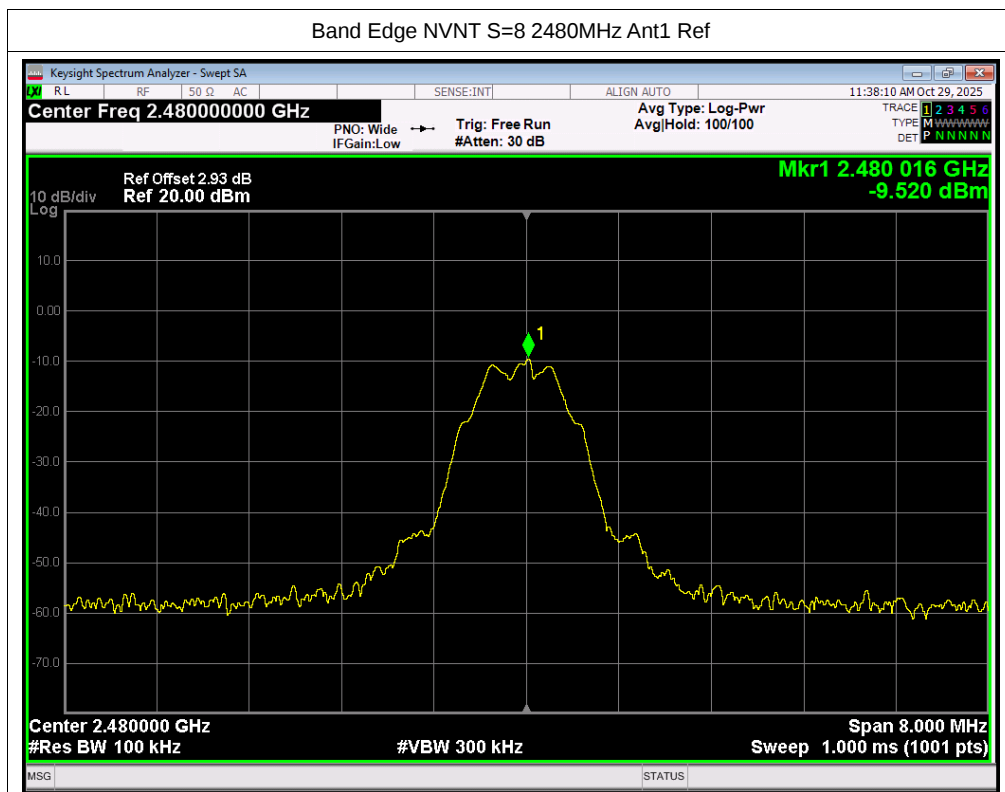




Band Edge NVNT S=2 2480MHz Ant1 Emission

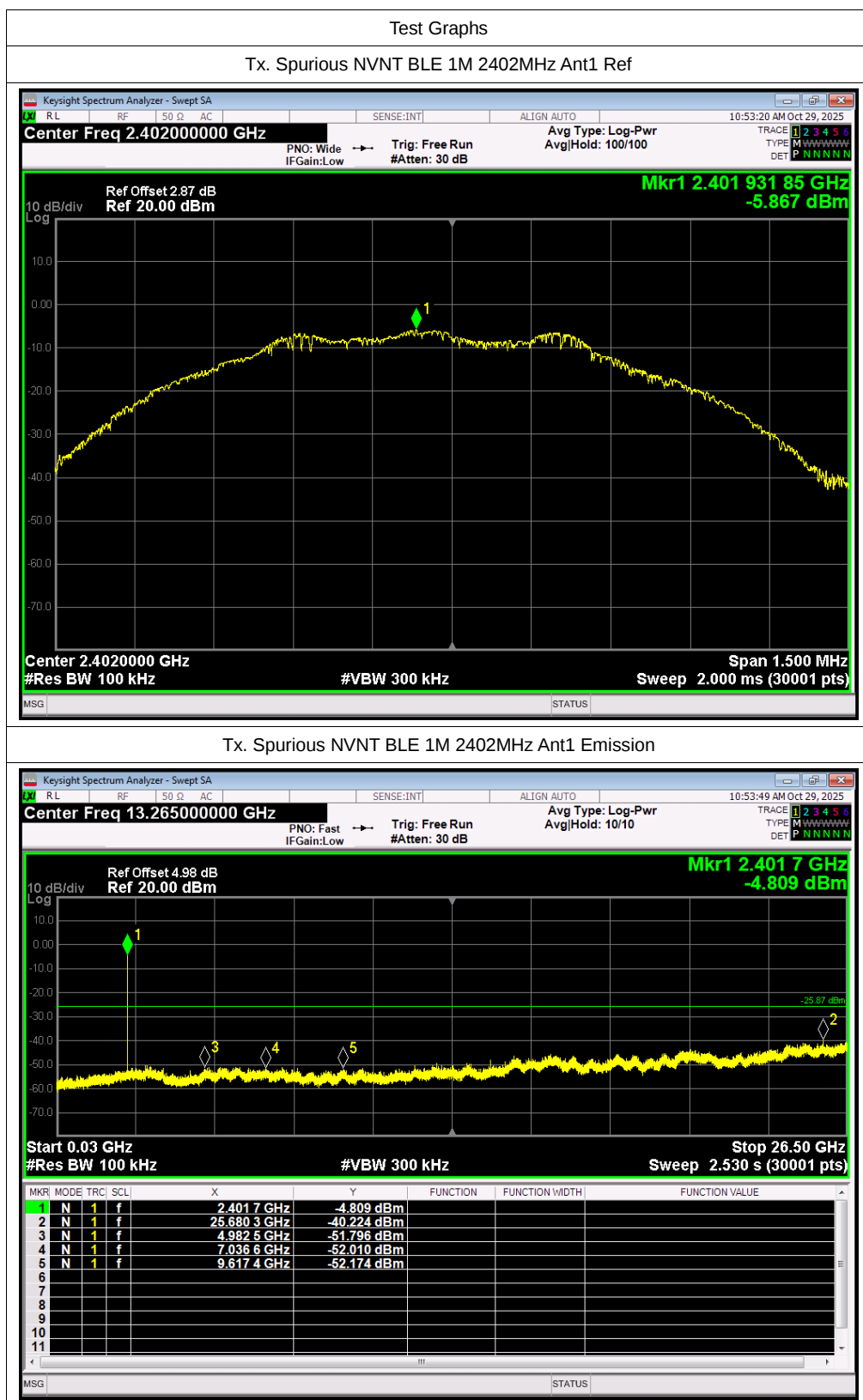


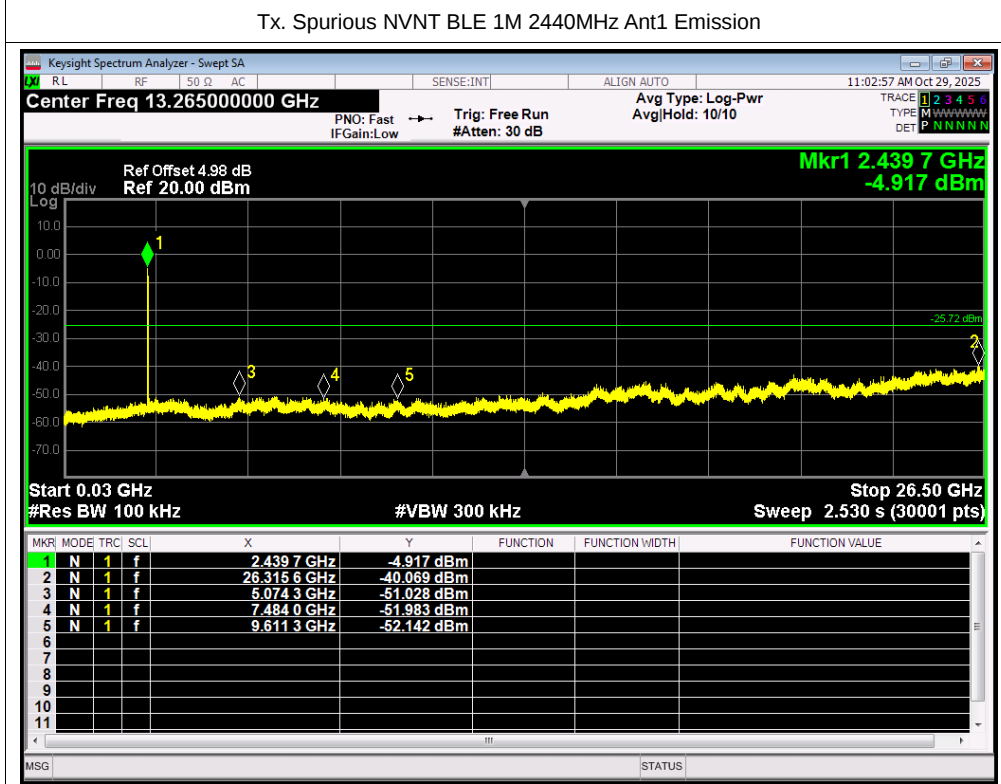
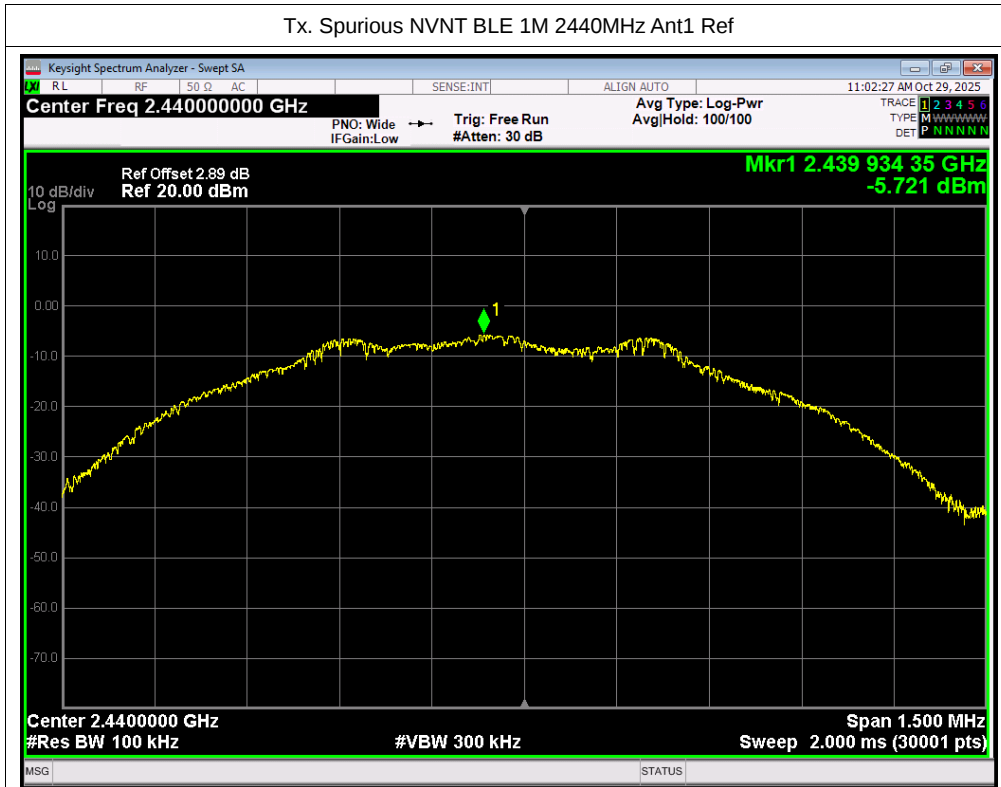


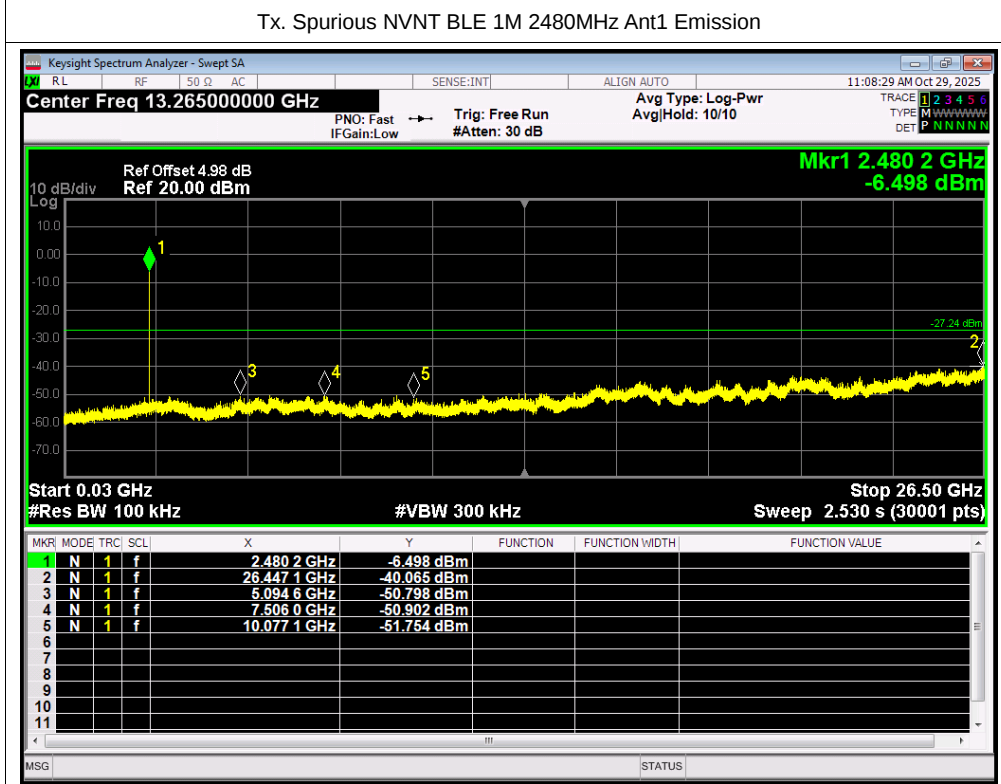
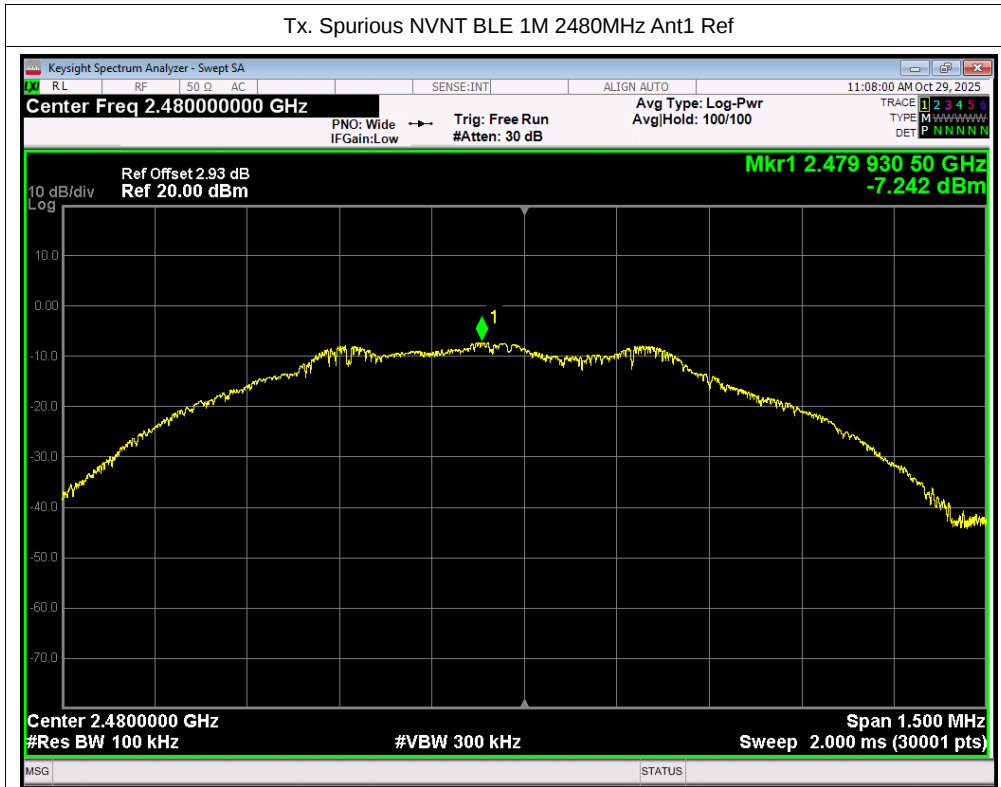


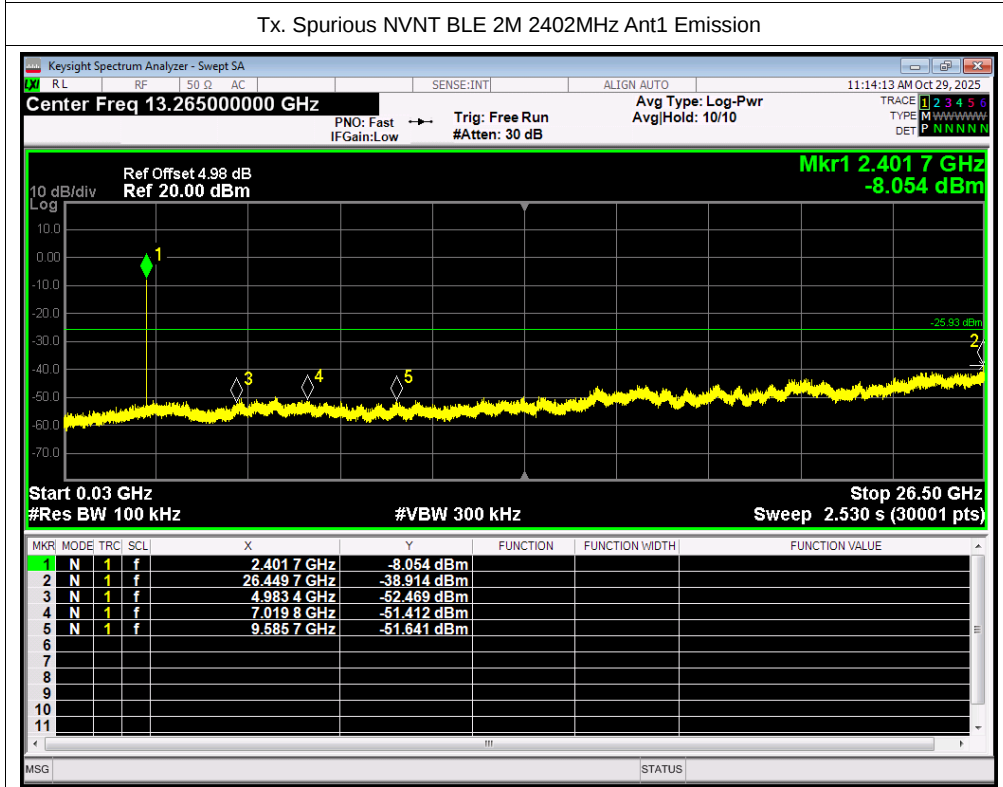
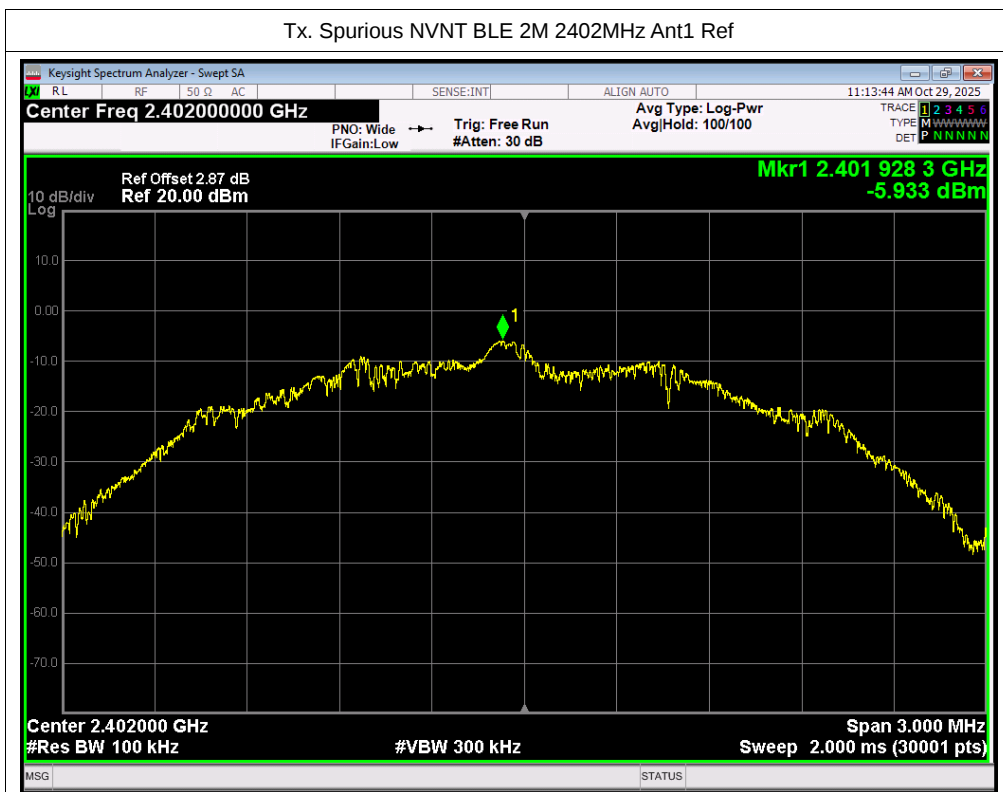
Conducted RF Spurious Emission

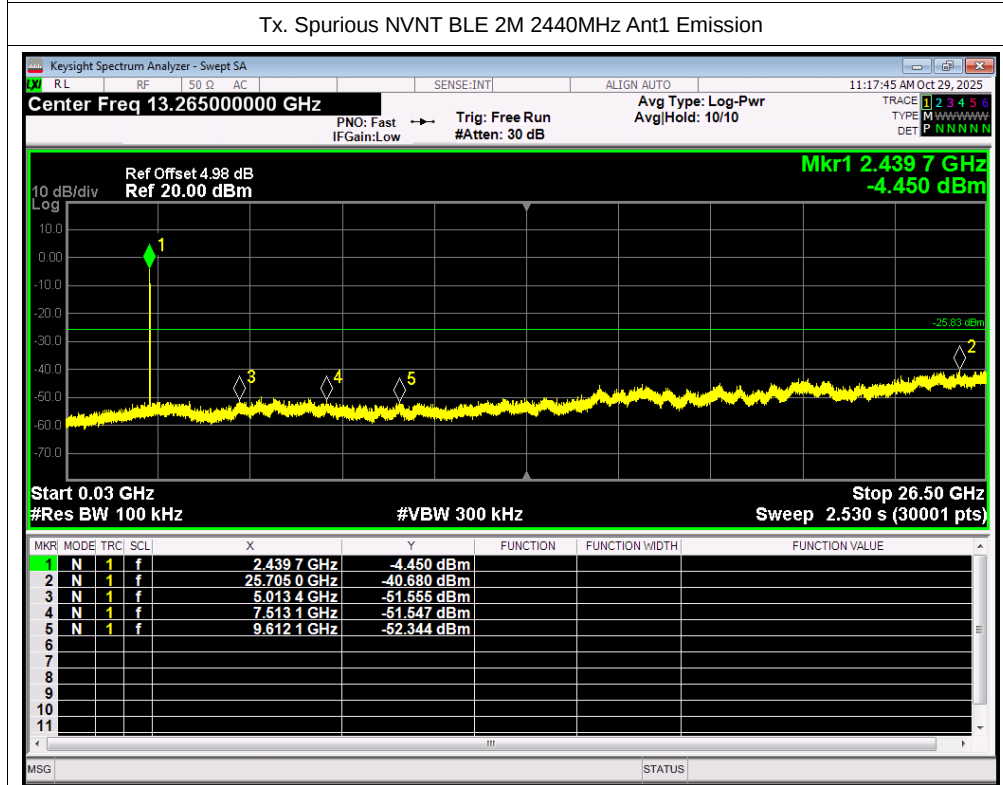
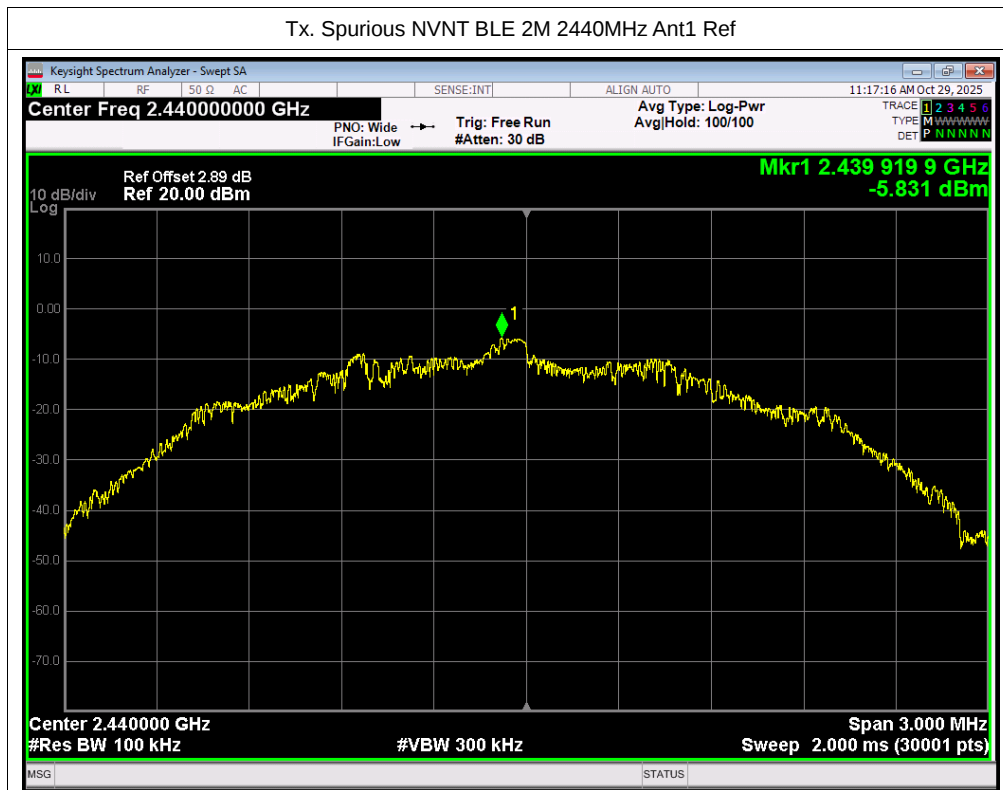
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-34.35	-20	Pass
NVNT	BLE 1M	2440	Ant1	-34.34	-20	Pass
NVNT	BLE 1M	2480	Ant1	-32.82	-20	Pass
NVNT	BLE 2M	2402	Ant1	-32.98	-20	Pass
NVNT	BLE 2M	2440	Ant1	-34.84	-20	Pass
NVNT	BLE 2M	2480	Ant1	-31.82	-20	Pass
NVNT	S=2	2402	Ant1	-33.56	-20	Pass
NVNT	S=2	2440	Ant1	-35.32	-20	Pass
NVNT	S=2	2480	Ant1	-32.68	-20	Pass
NVNT	S=8	2402	Ant1	-33.85	-20	Pass
NVNT	S=8	2440	Ant1	-34.53	-20	Pass
NVNT	S=8	2480	Ant1	-32.7	-20	Pass

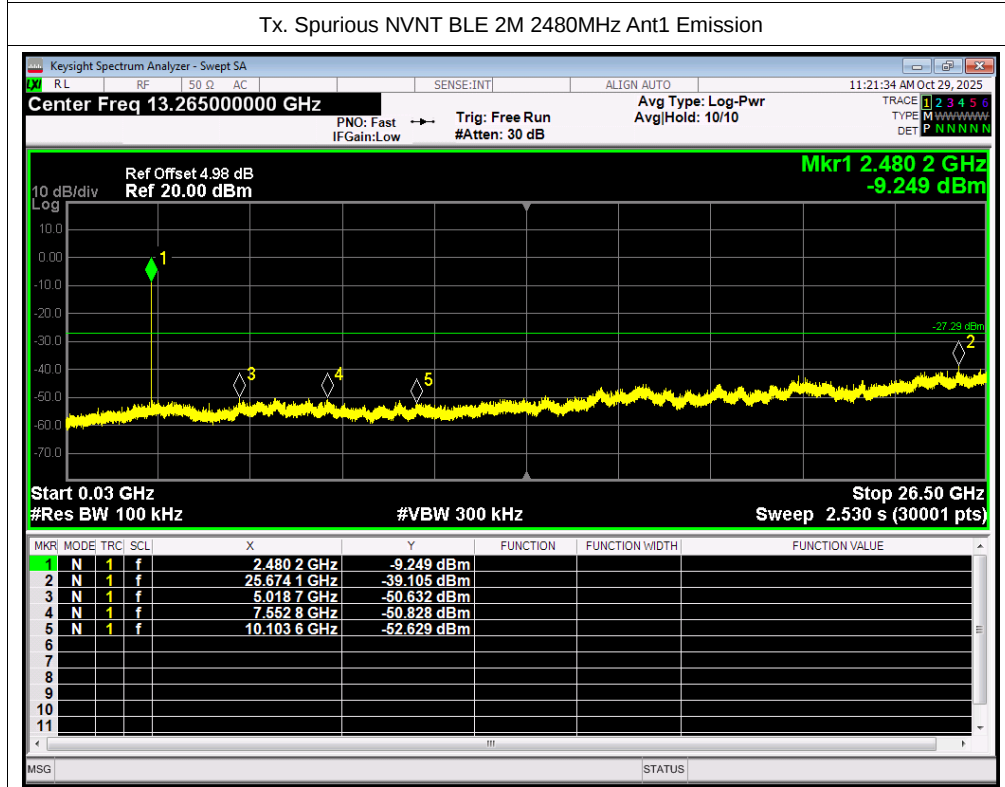
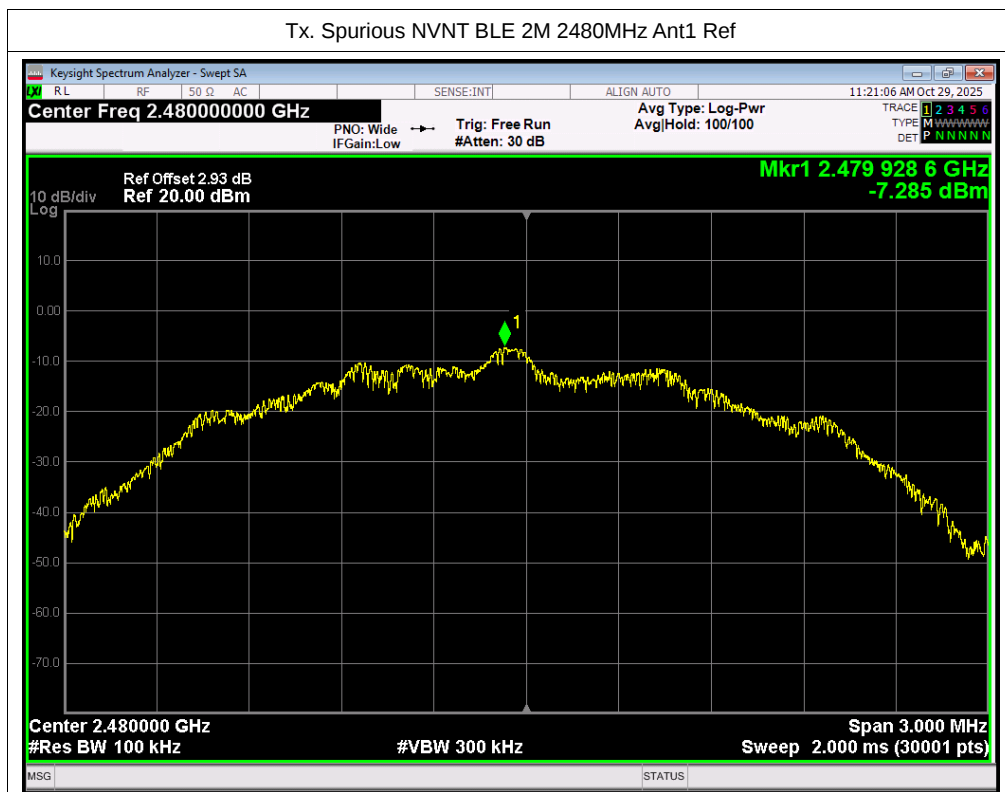


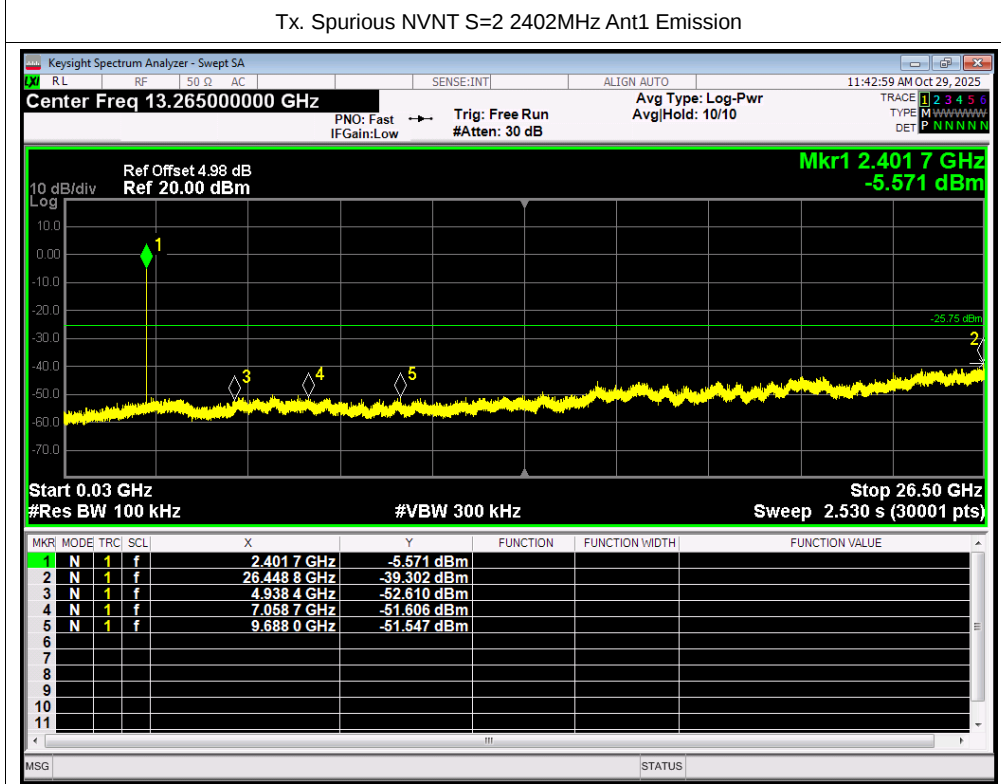
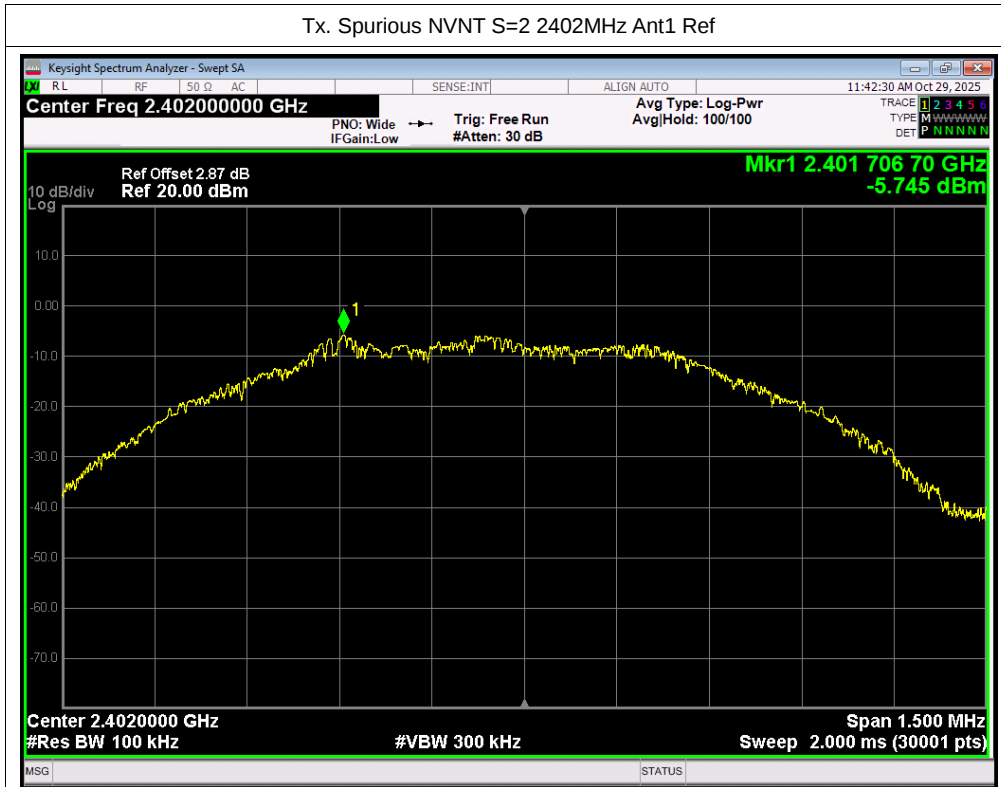


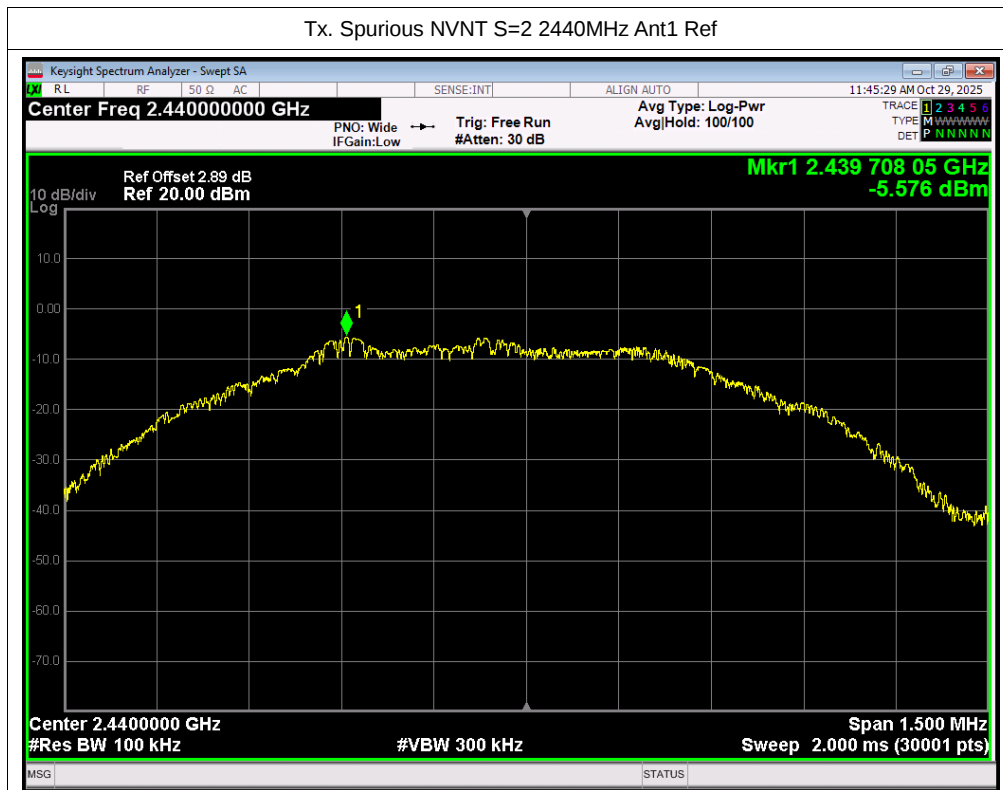












Tx. Spurious NVNT S=2 2440MHz Ant1 Emission

