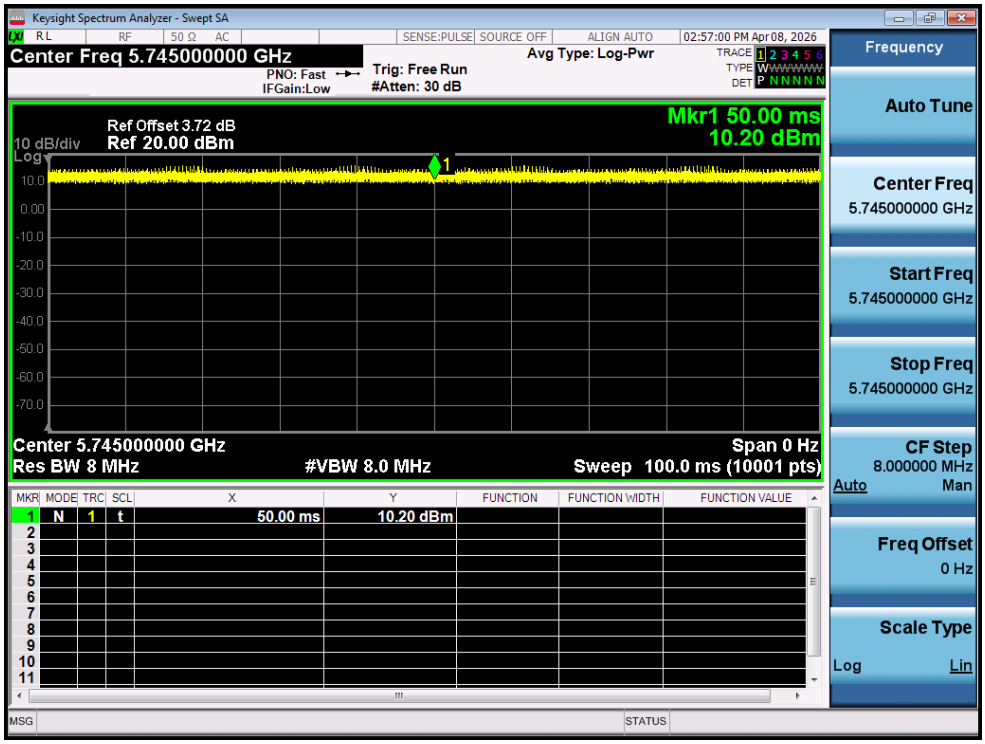
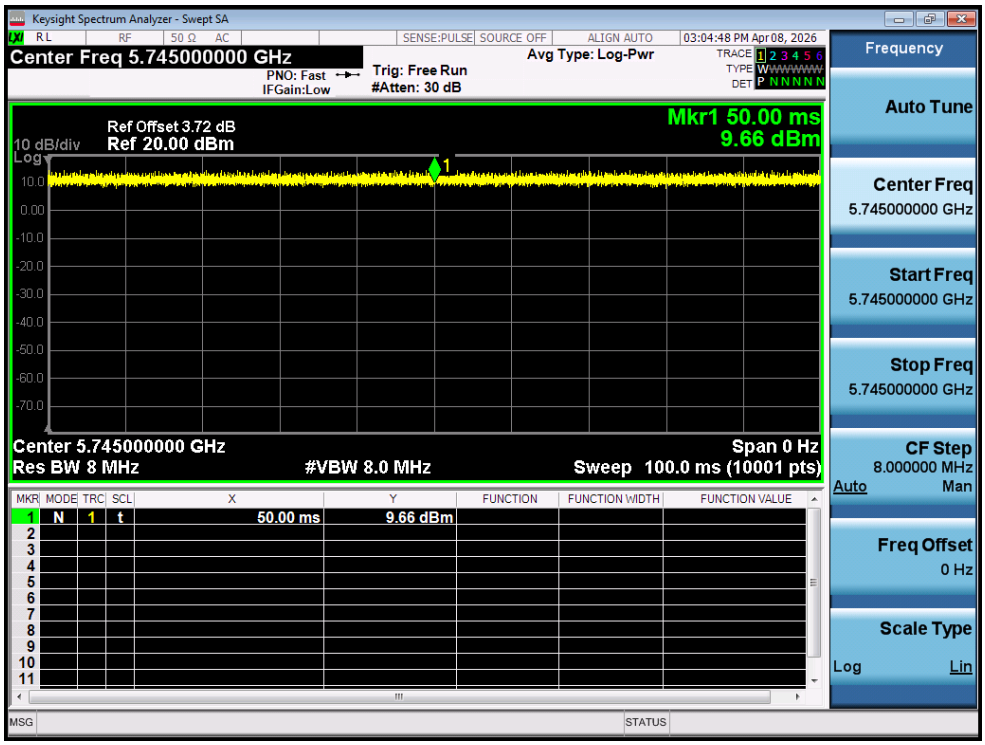
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	100	0
NVNT	n20	5745	100	0
NVNT	n40	5755	100	0

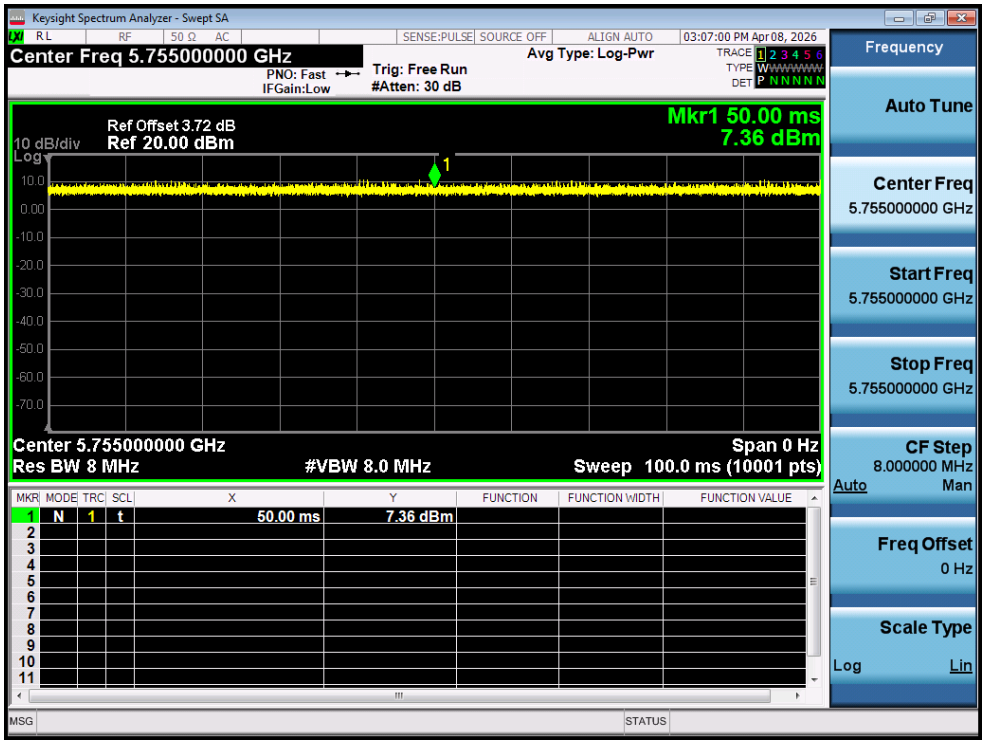
Test Graphs
Duty Cycle NVNT a 5745MHz



Duty Cycle NVNT n20 5745MHz



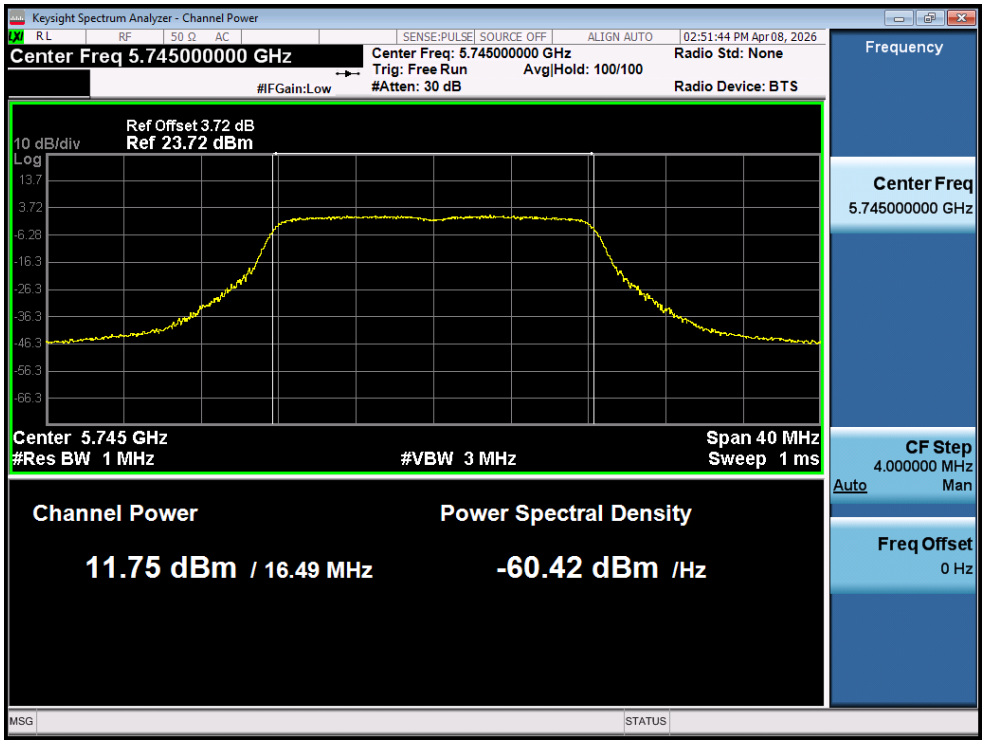
Duty Cycle NVNT n40 5755MHz



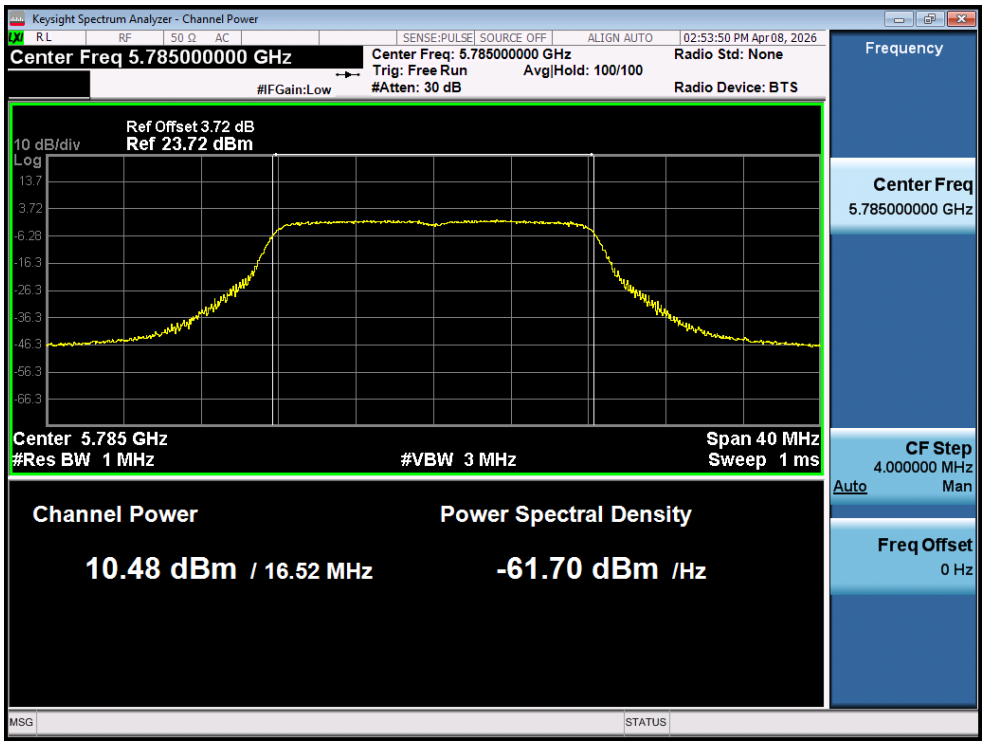
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	11.75	30	Pass
NVNT	a	5785	10.48	30	Pass
NVNT	a	5825	10.93	30	Pass
NVNT	n20	5745	10.65	30	Pass
NVNT	n20	5785	9.81	30	Pass
NVNT	n20	5825	9.64	30	Pass
NVNT	n40	5755	9.24	30	Pass
NVNT	n40	5795	8.24	30	Pass

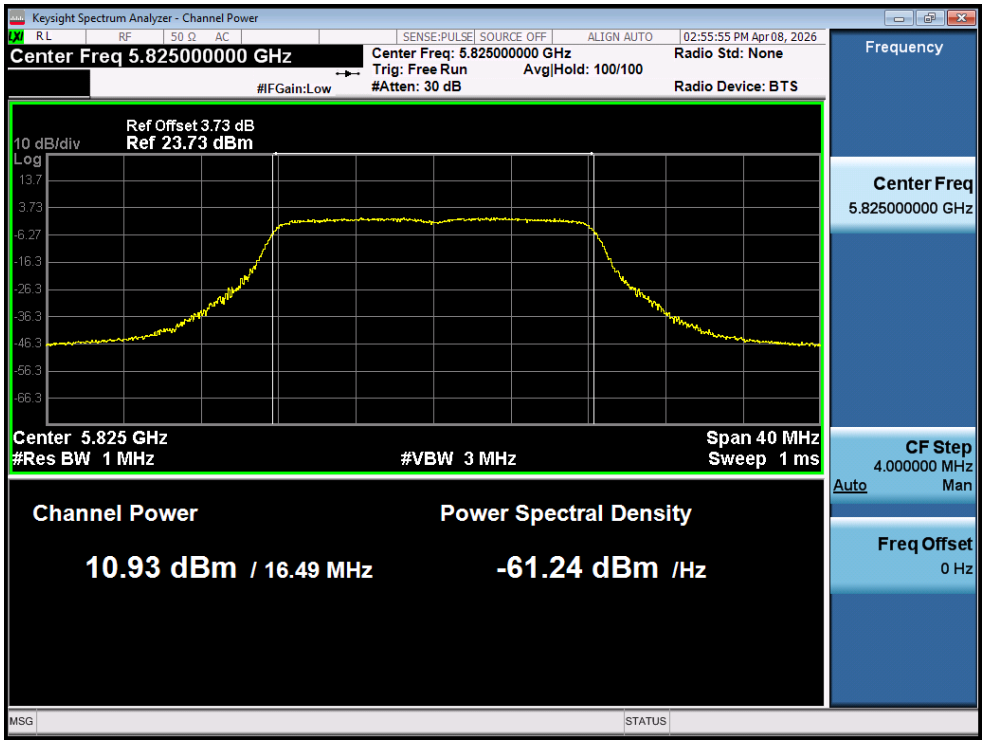
Test Graphs
Power NVNT a 5745MHz



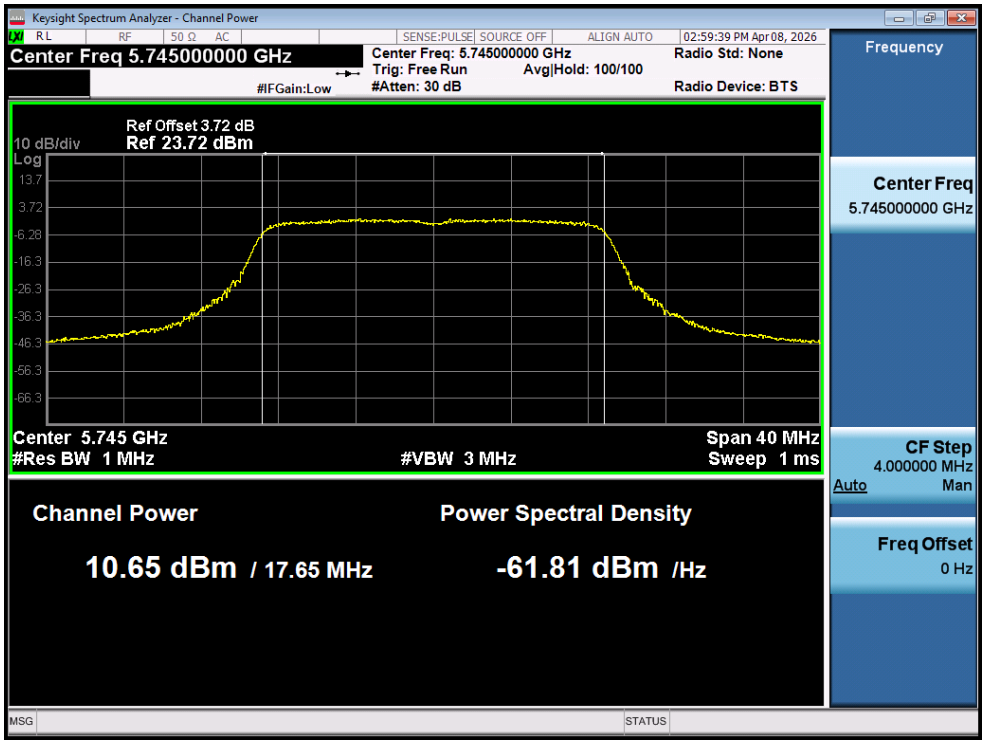
Power NVNT a 5785MHz



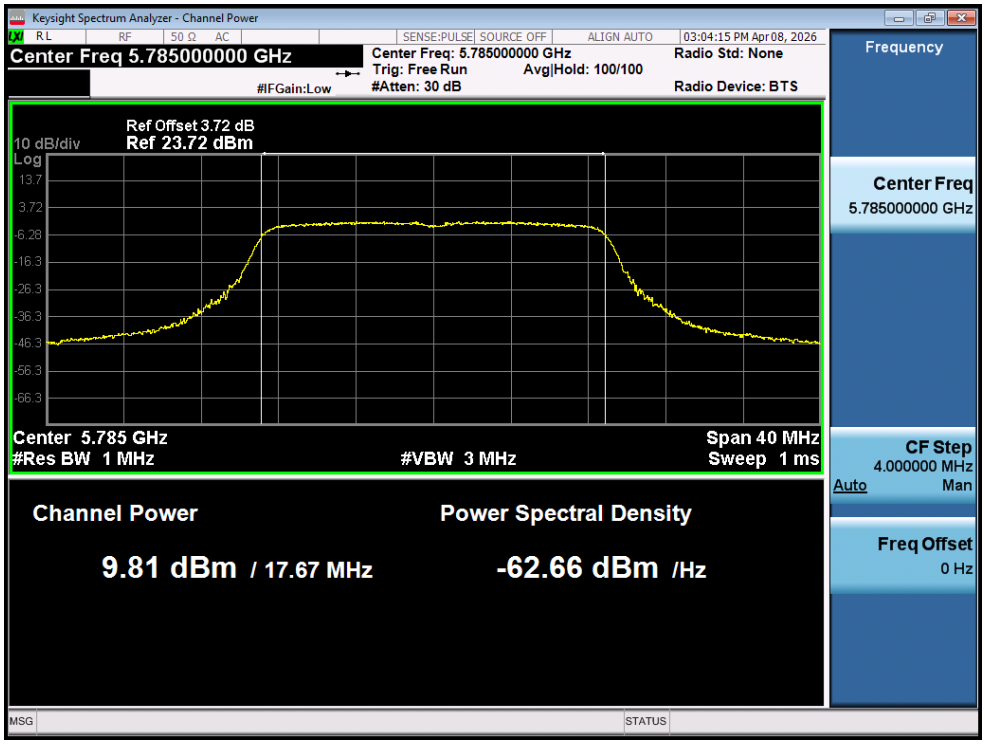
Power NVNT a 5825MHz



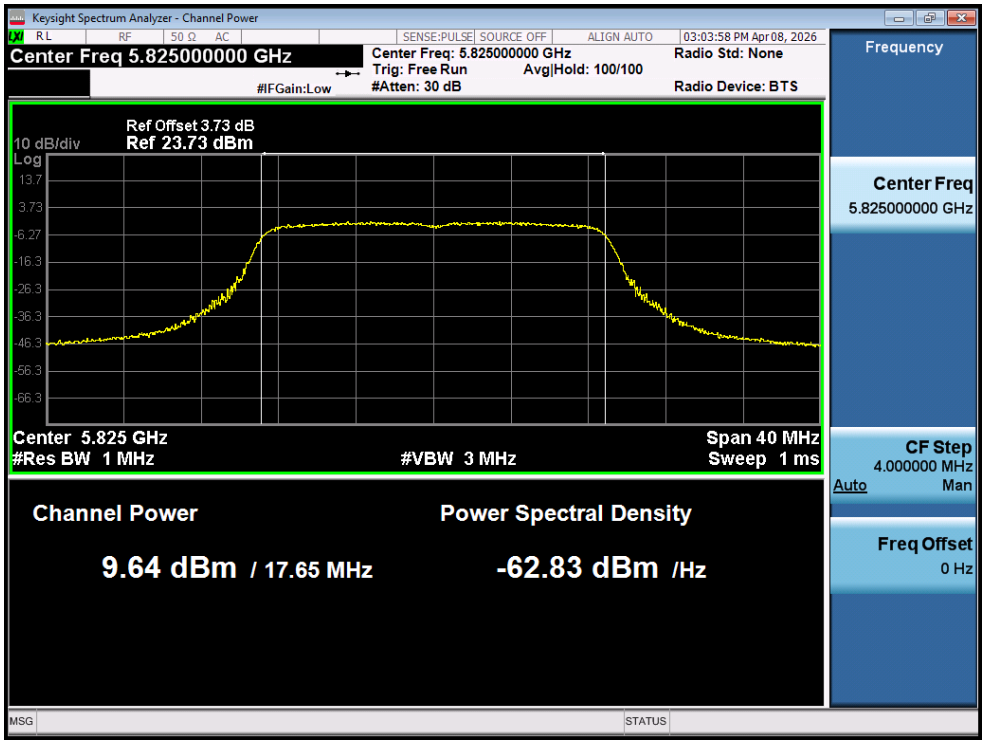
Power NVNT n20 5745MHz



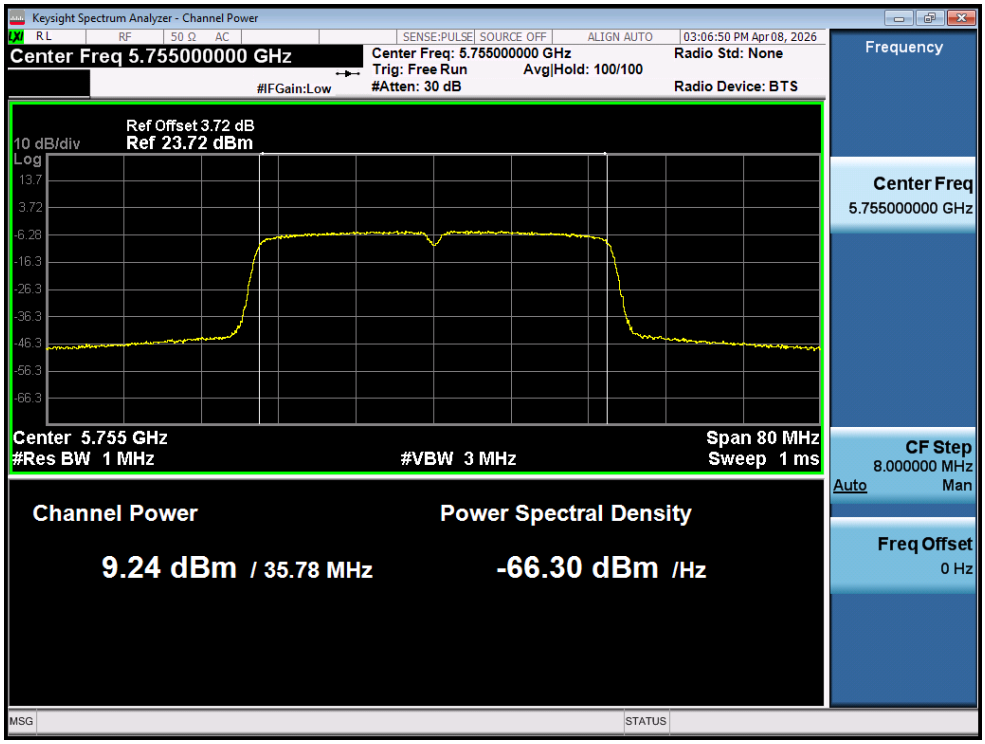
Power NVNT n20 5785MHz



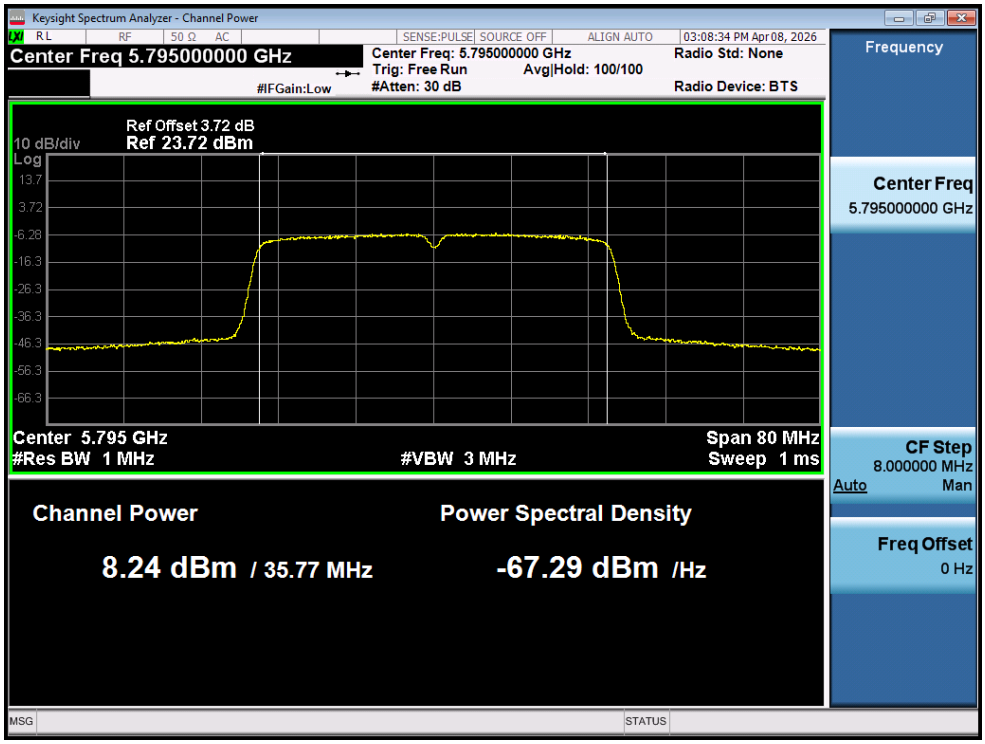
Power NVNT n20 5825MHz



Power NVNT n40 5755MHz



Power NVNT n40 5795MHz

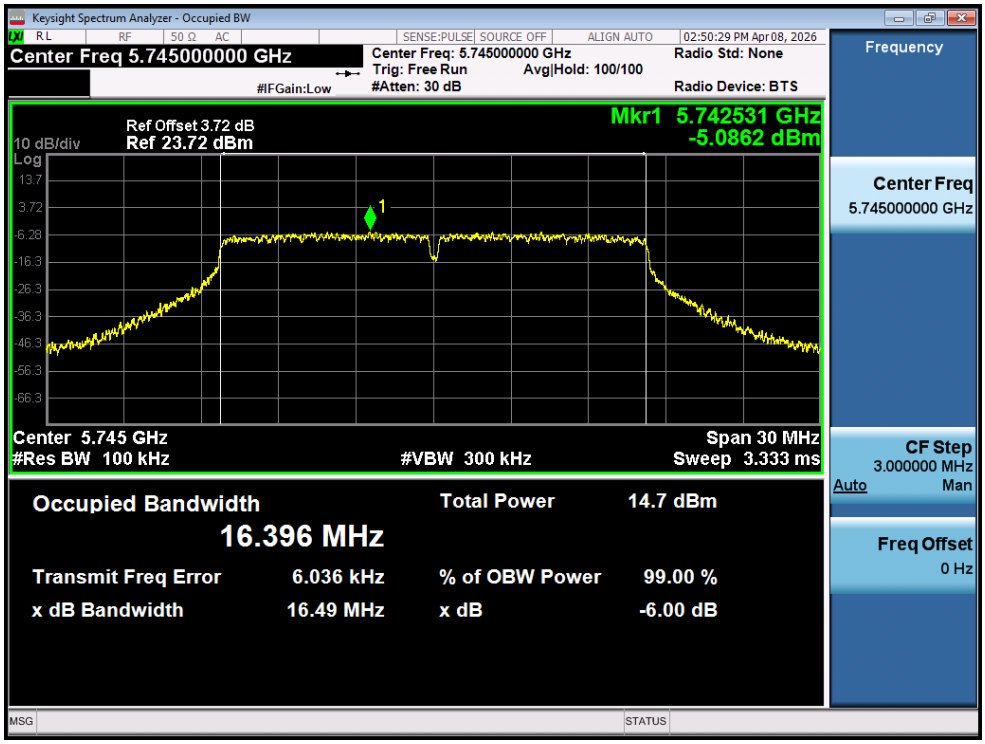


-6dB Bandwidth

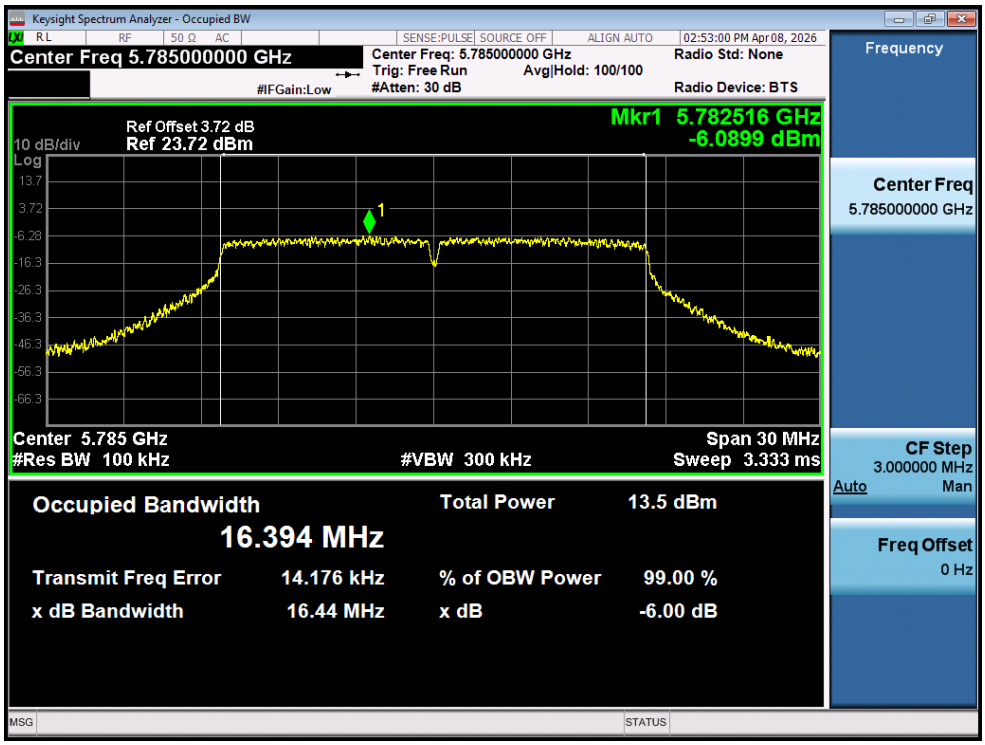
Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	16.489	0.5	Pass
NVNT	a	5785	16.438	0.5	Pass
NVNT	a	5825	16.488	0.5	Pass
NVNT	n20	5745	17.675	0.5	Pass
NVNT	n20	5785	17.656	0.5	Pass
NVNT	n20	5825	17.713	0.5	Pass
NVNT	n40	5755	36.34	0.5	Pass
NVNT	n40	5795	36.333	0.5	Pass

Test Graphs

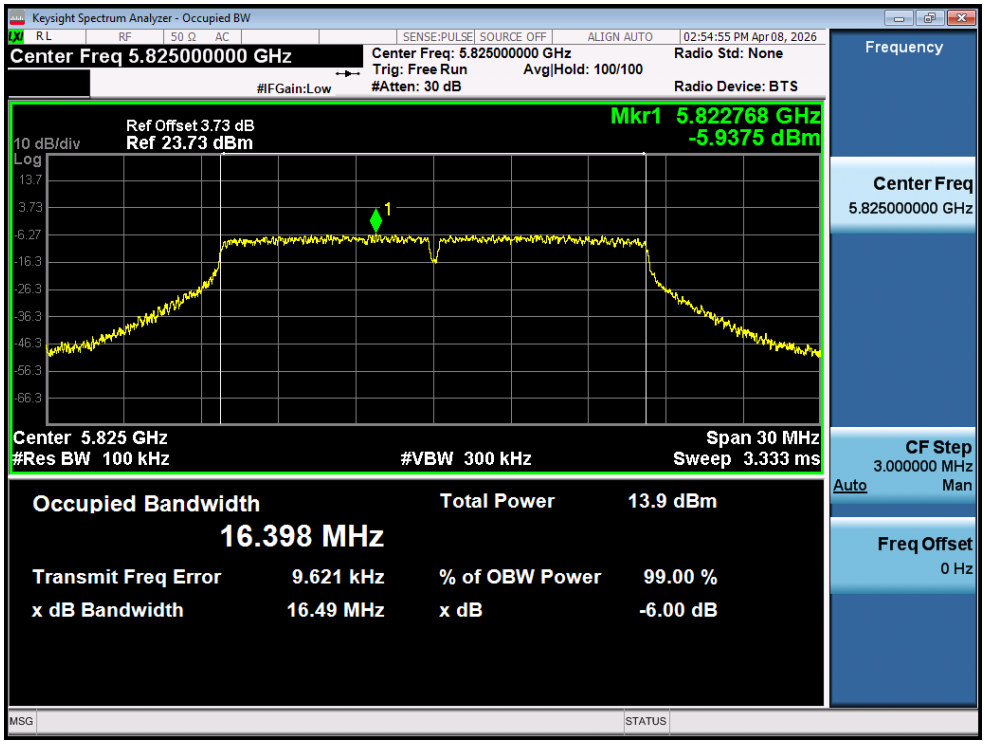
-6dB Bandwidth NVNT a 5745MHz



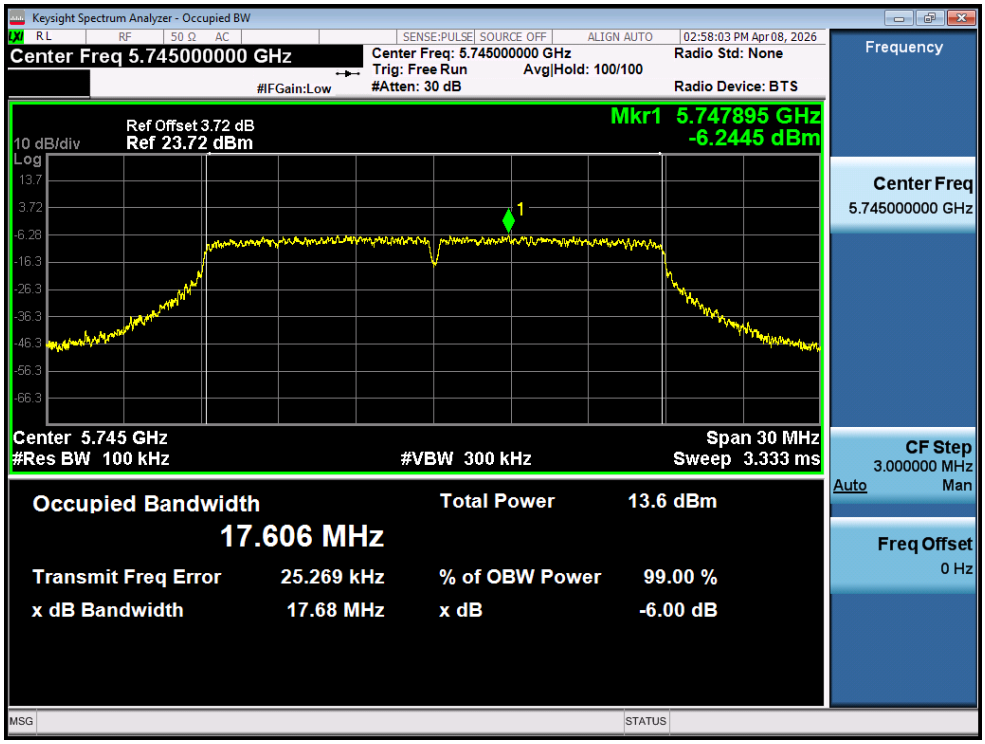
-6dB Bandwidth NVNT a 5785MHz



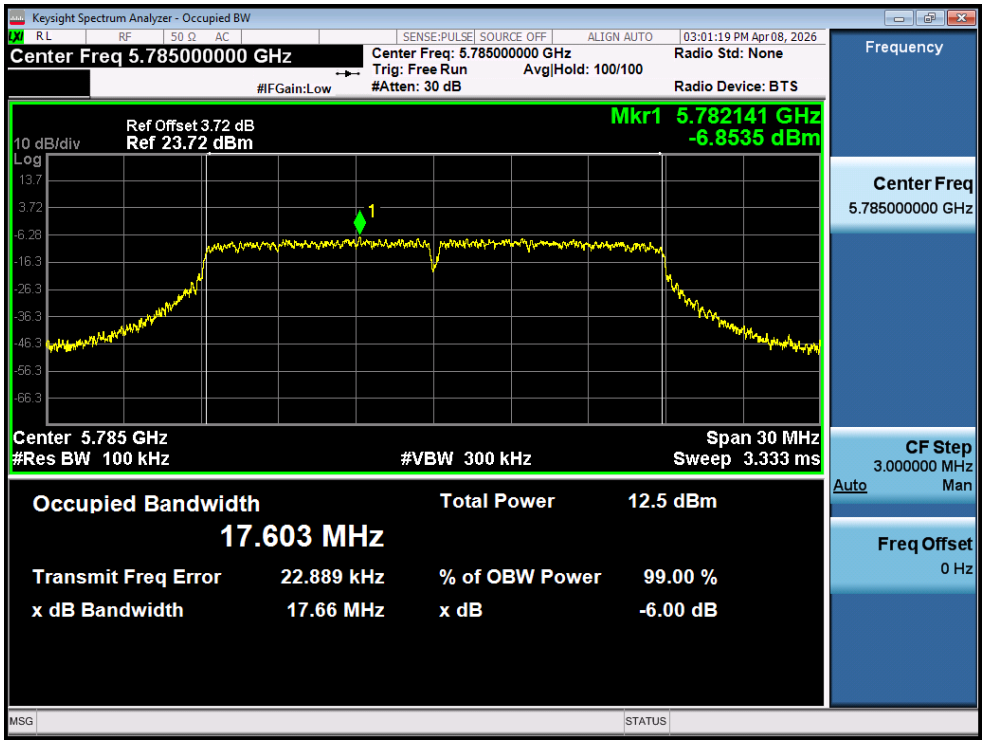
-6dB Bandwidth NVNT a 5825MHz



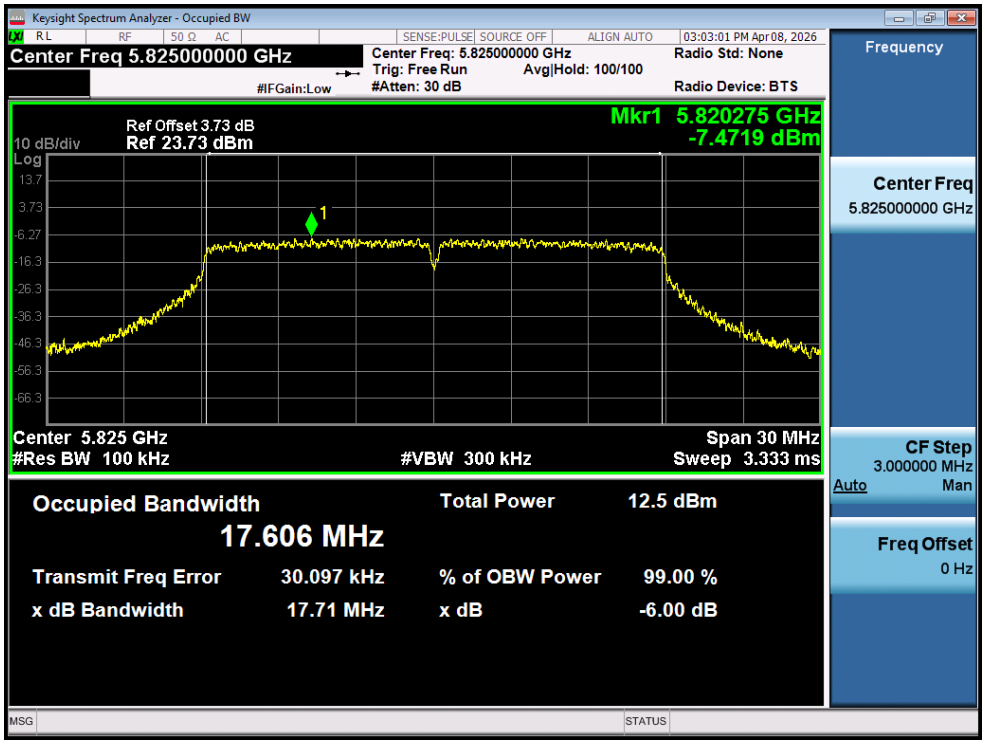
-6dB Bandwidth NVNT n20 5745MHz



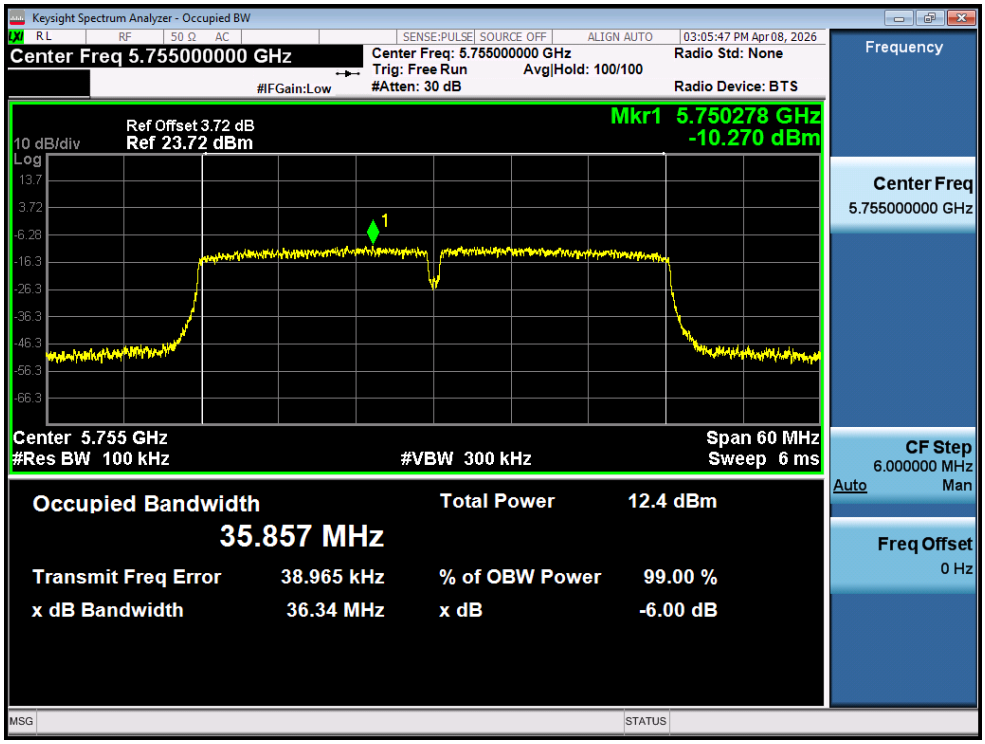
-6dB Bandwidth NVNT n20 5785MHz



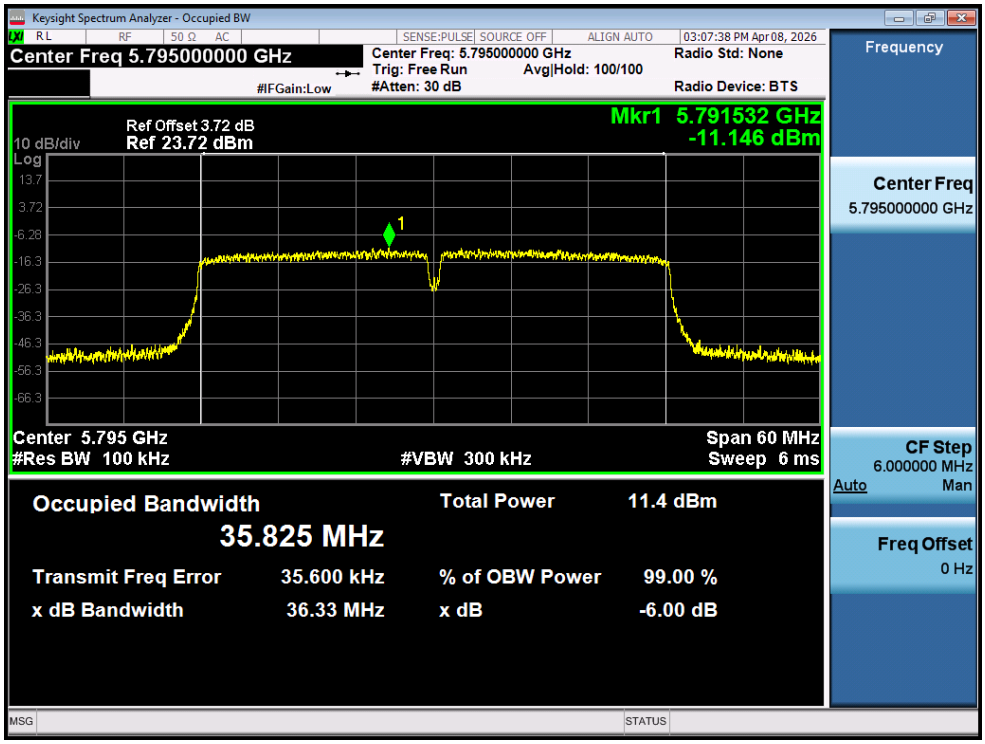
-6dB Bandwidth NVNT n20 5825MHz



-6dB Bandwidth NVNT n40 5755MHz



-6dB Bandwidth NVNT n40 5795MHz

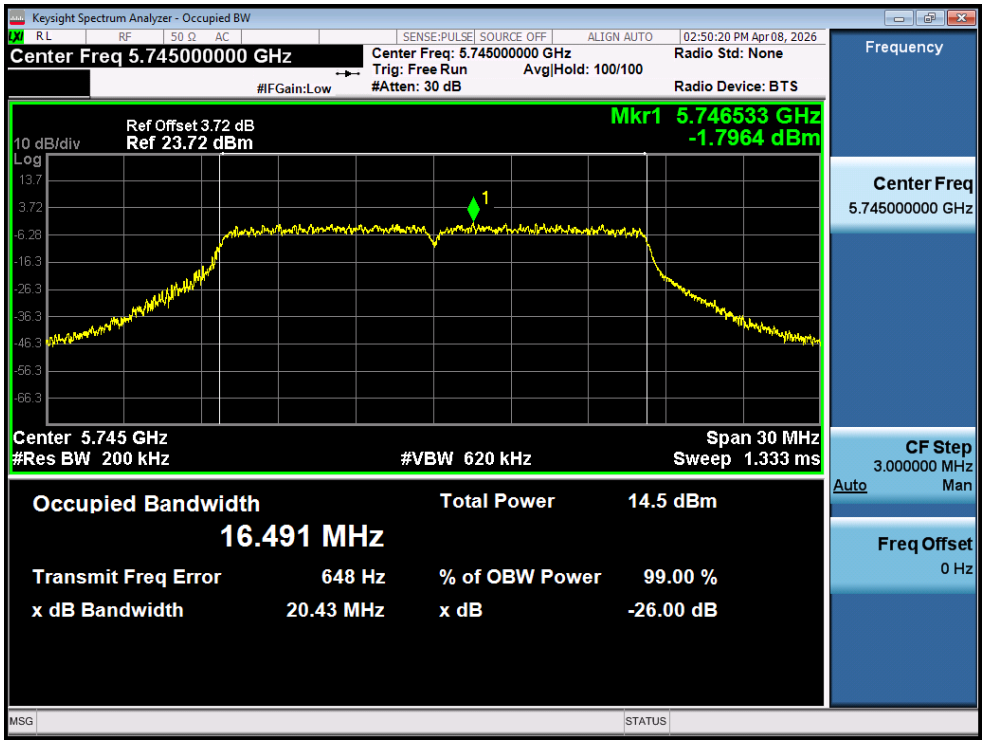


Occupied Channel Bandwidth

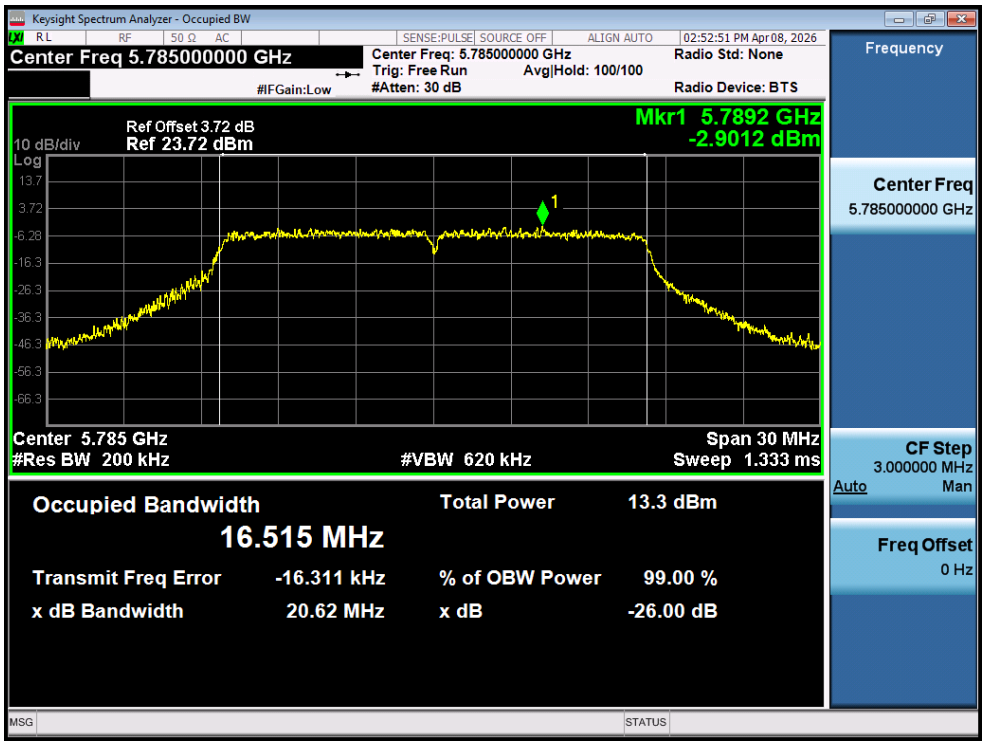
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5745	16.491
NVNT	a	5785	16.515
NVNT	a	5825	16.489
NVNT	n20	5745	17.65
NVNT	n20	5785	17.669
NVNT	n20	5825	17.653
NVNT	n40	5755	35.782
NVNT	n40	5795	35.769

Test Graphs

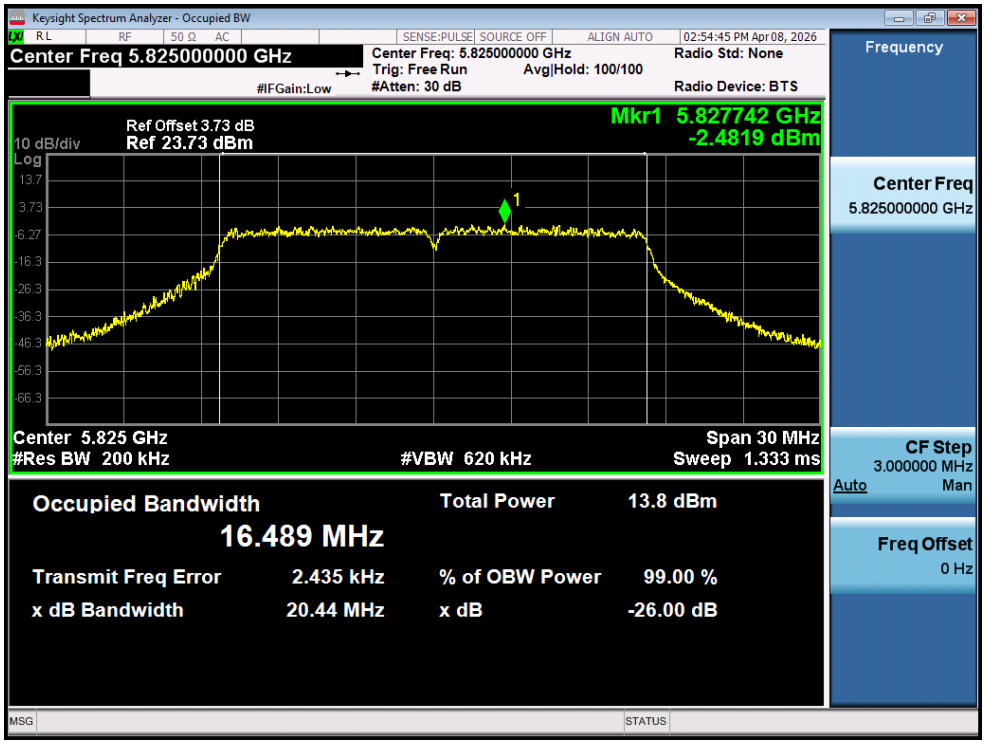
OBW NVNT a 5745MHz



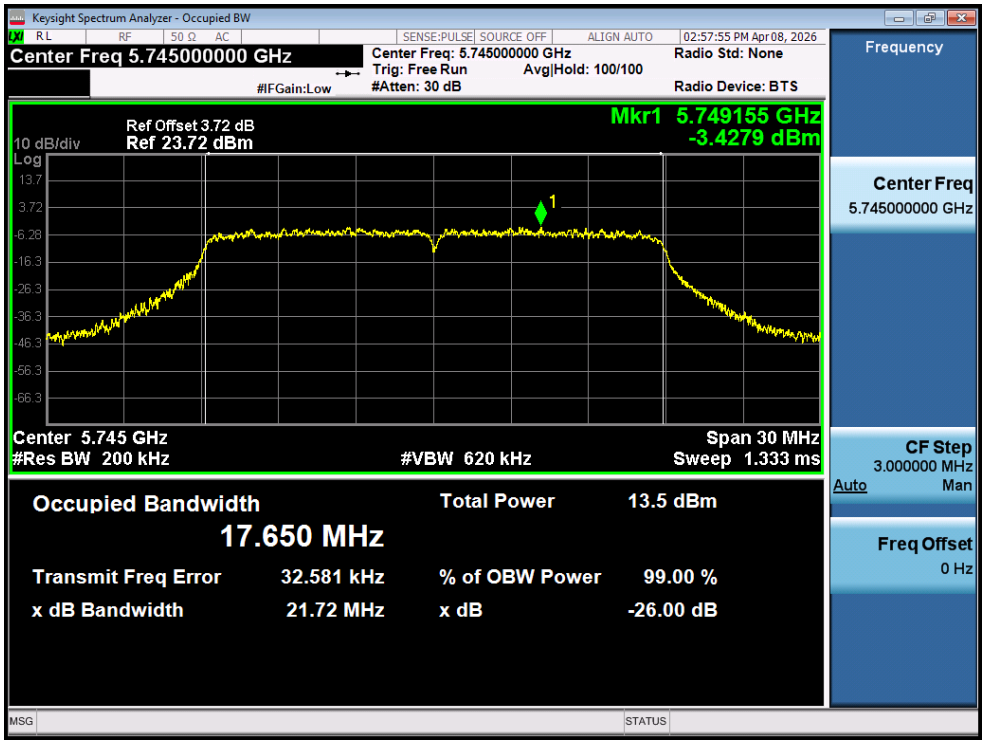
OBW NVNT a 5785MHz



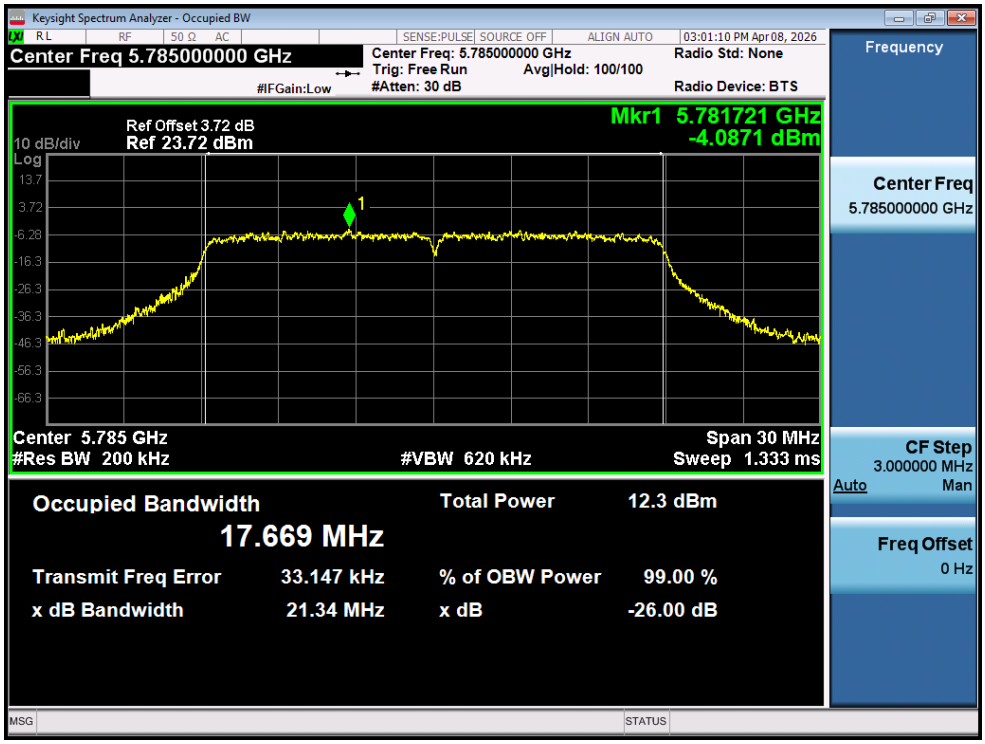
OBW NVNT a 5825MHz



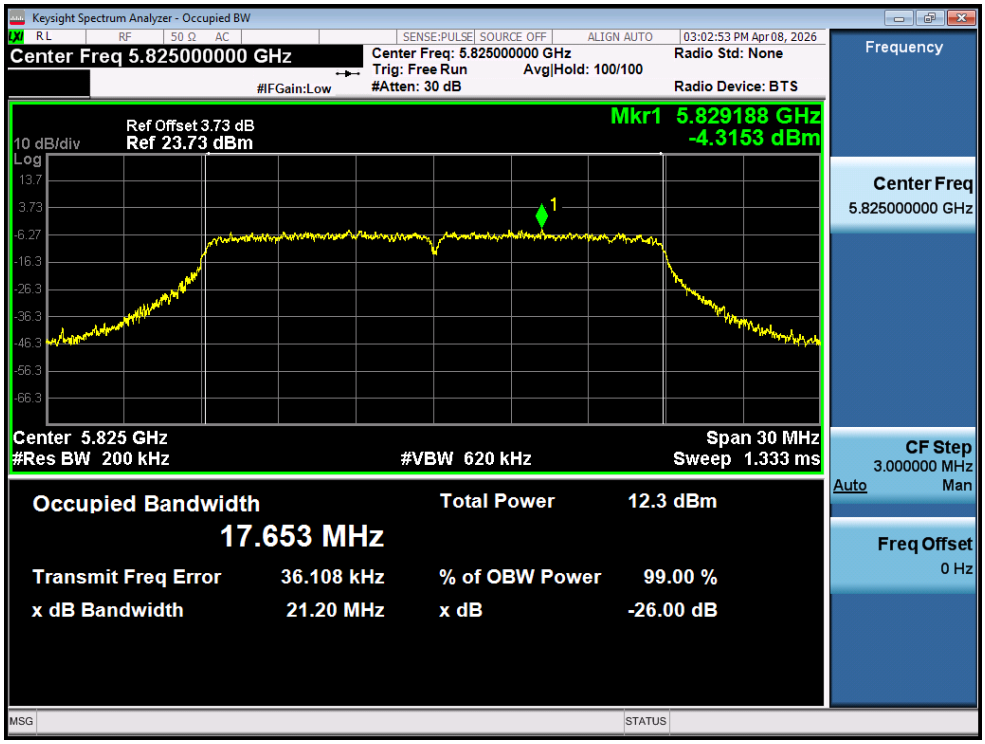
OBW NVNT n20 5745MHz



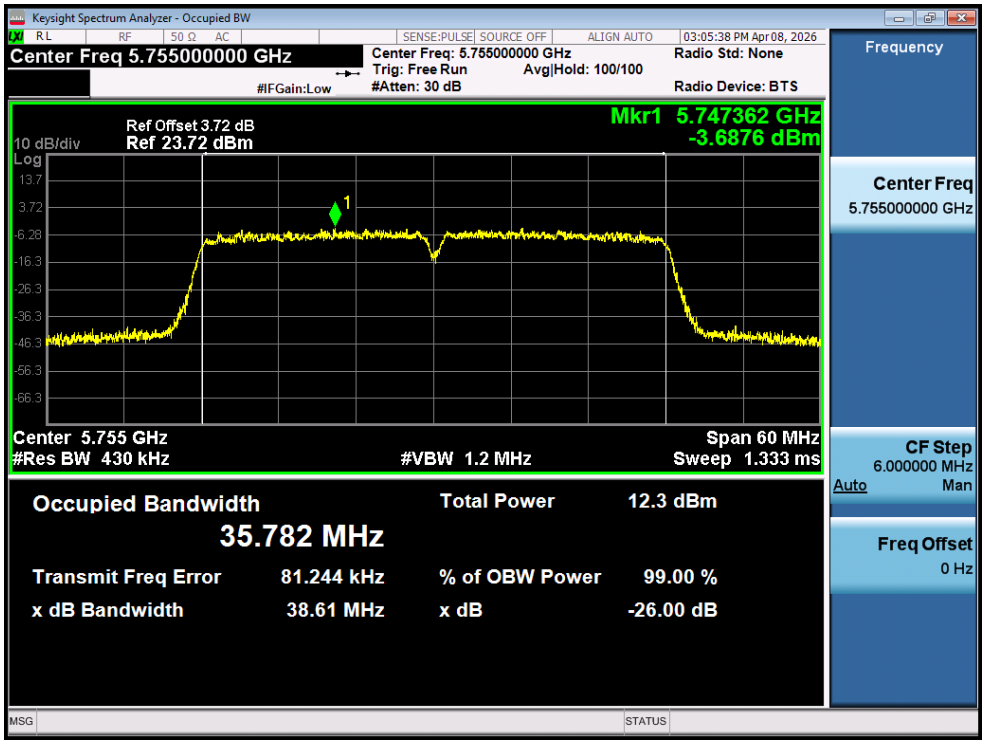
OBW NVNT n20 5785MHz



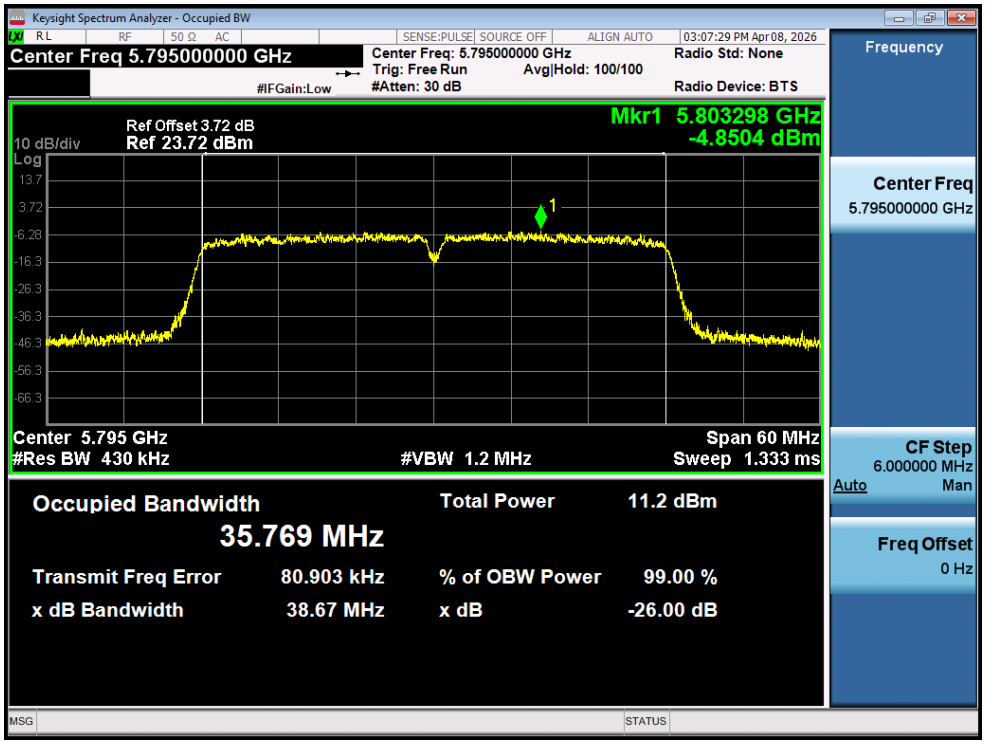
OBW NVNT n20 5825MHz



OBW NVNT n40 5755MHz

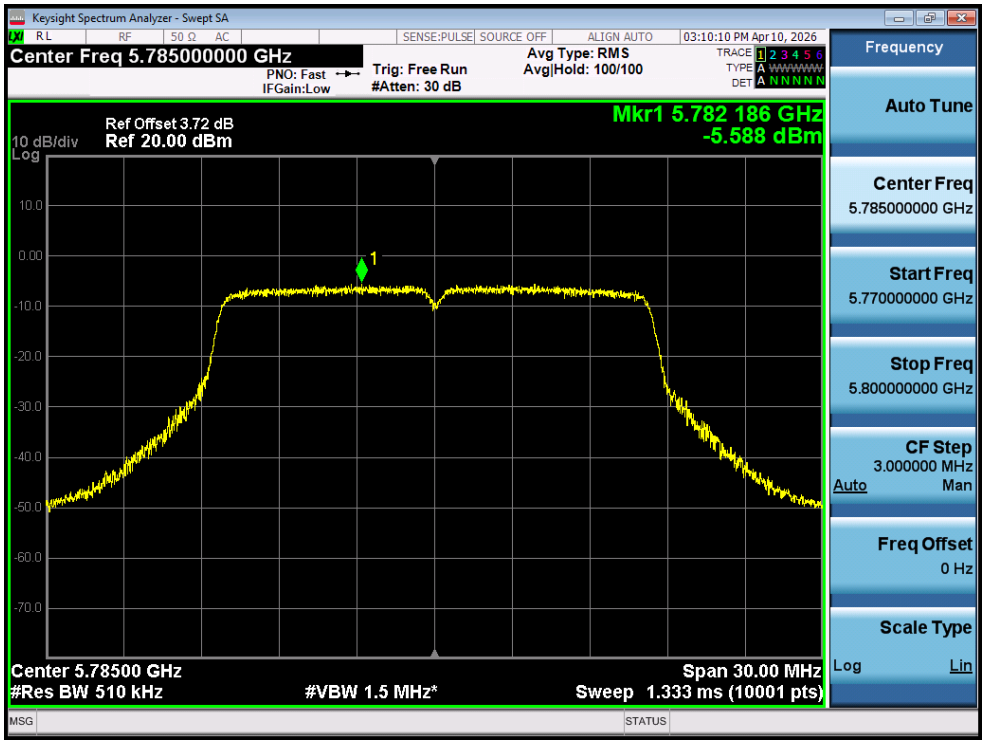


OBW NVNT n40 5795MHz

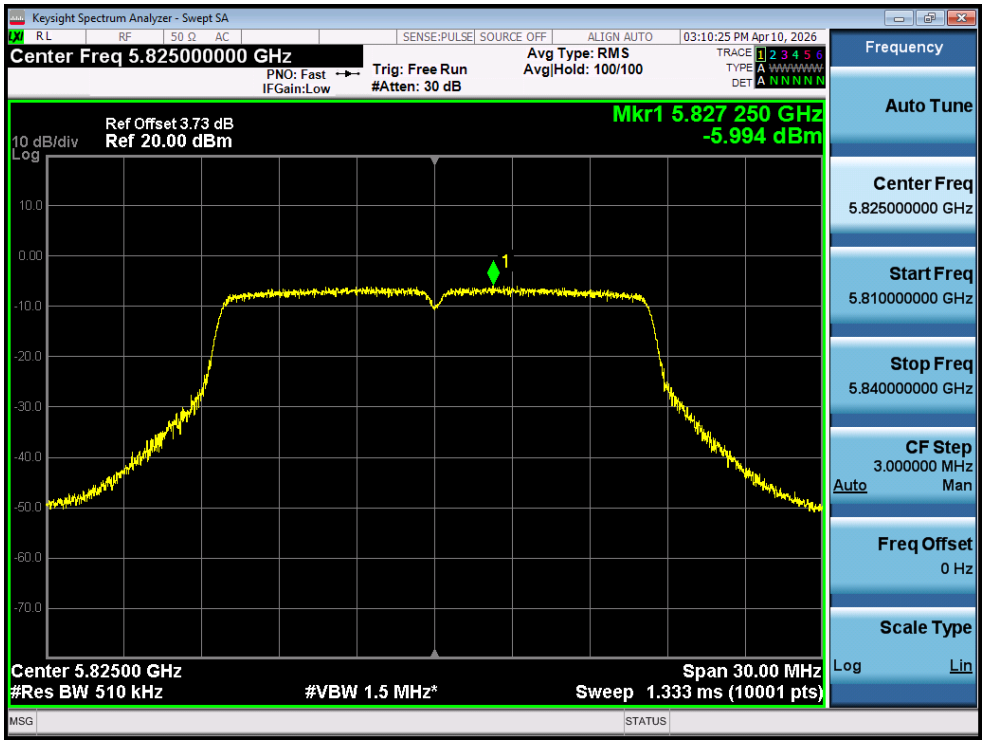


Maximum Power Spectral Density Level

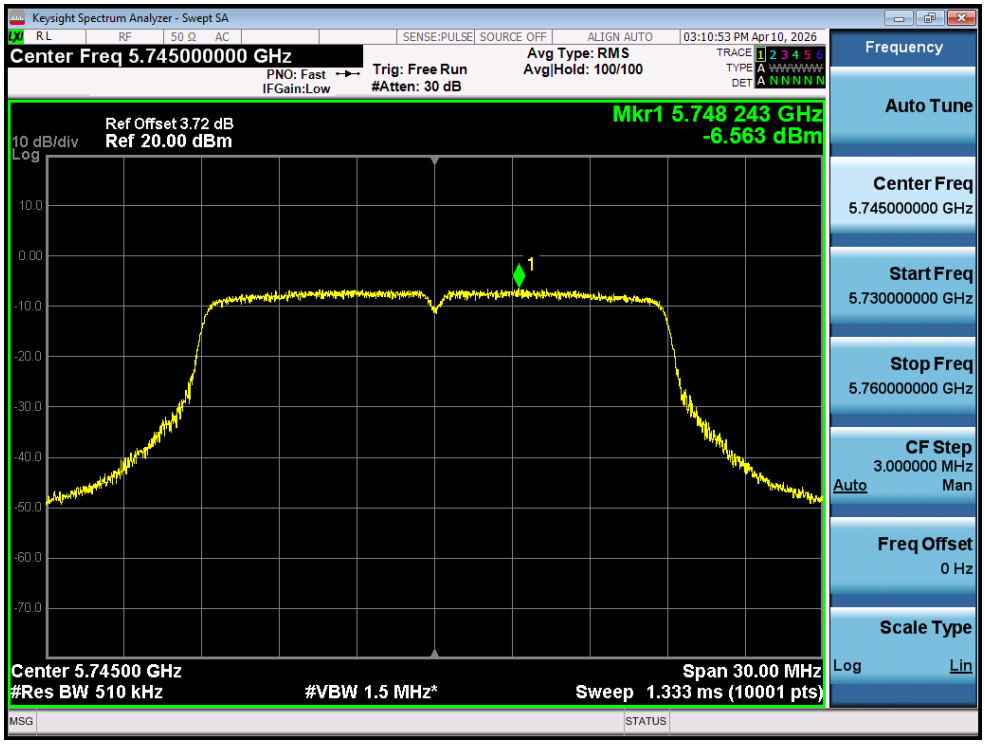
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	-3.94	30	Pass
NVNT	a	5785	-5.59	30	Pass
NVNT	a	5825	-5.99	30	Pass
NVNT	n20	5745	-6.56	30	Pass
NVNT	n20	5785	-7.36	30	Pass
NVNT	n20	5825	-7.58	30	Pass
NVNT	n40	5755	-10.84	30	Pass
NVNT	n40	5795	-11.99	30	Pass

Test Graphs
PSD NVNT a 5745MHz
PSD NVNT a 5785MHz


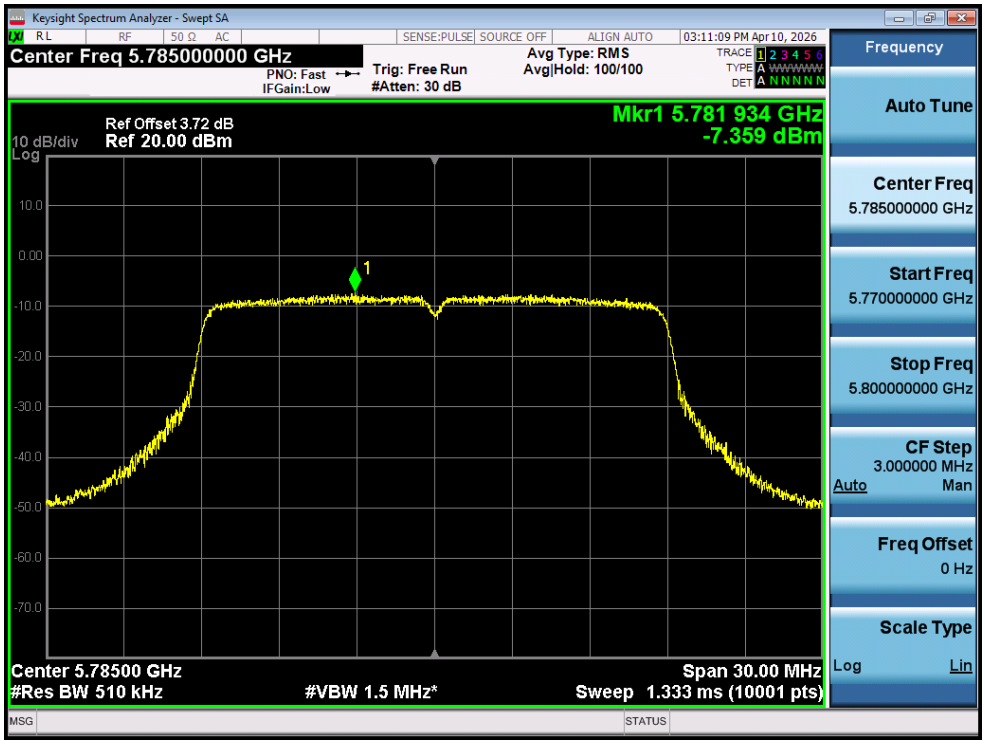
PSD NVNT a 5825MHz



PSD NVNT n20 5745MHz

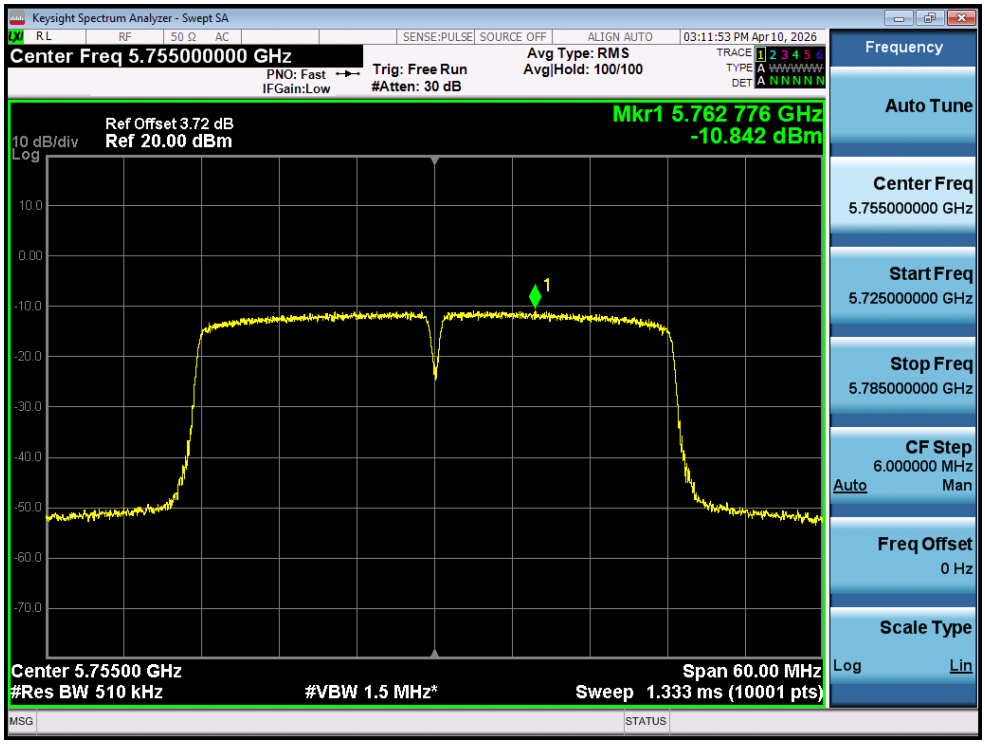


PSD NVNT n20 5785MHz

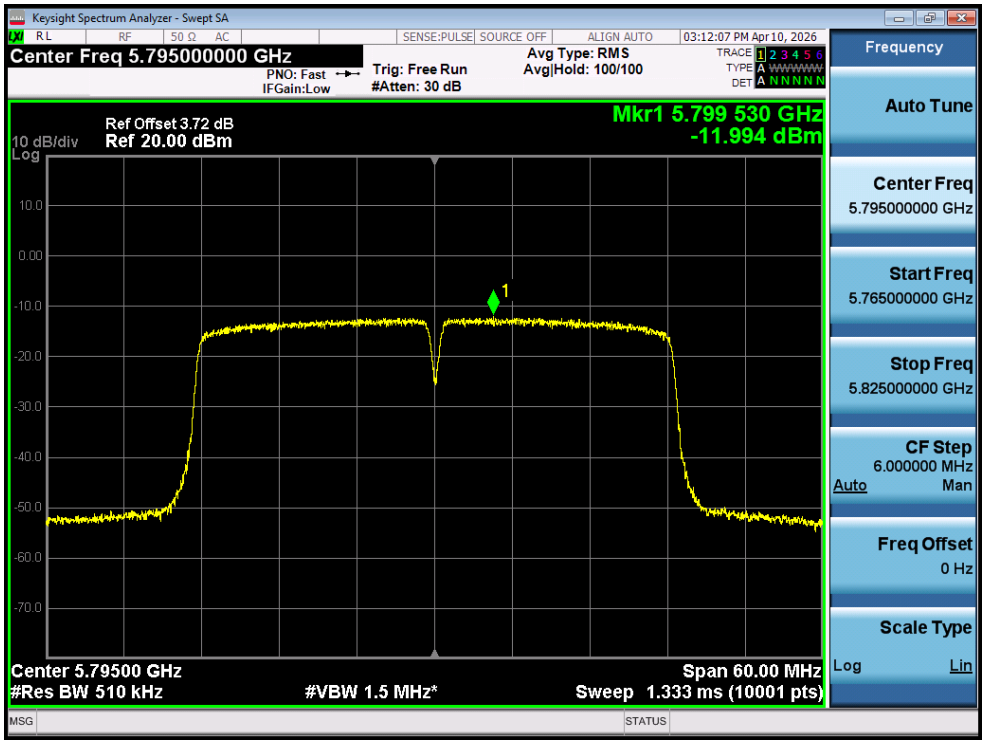


PSD NVNT n20 5825MHz

PSD NVNT n40 5755MHz



PSD NVNT n40 5795MHz

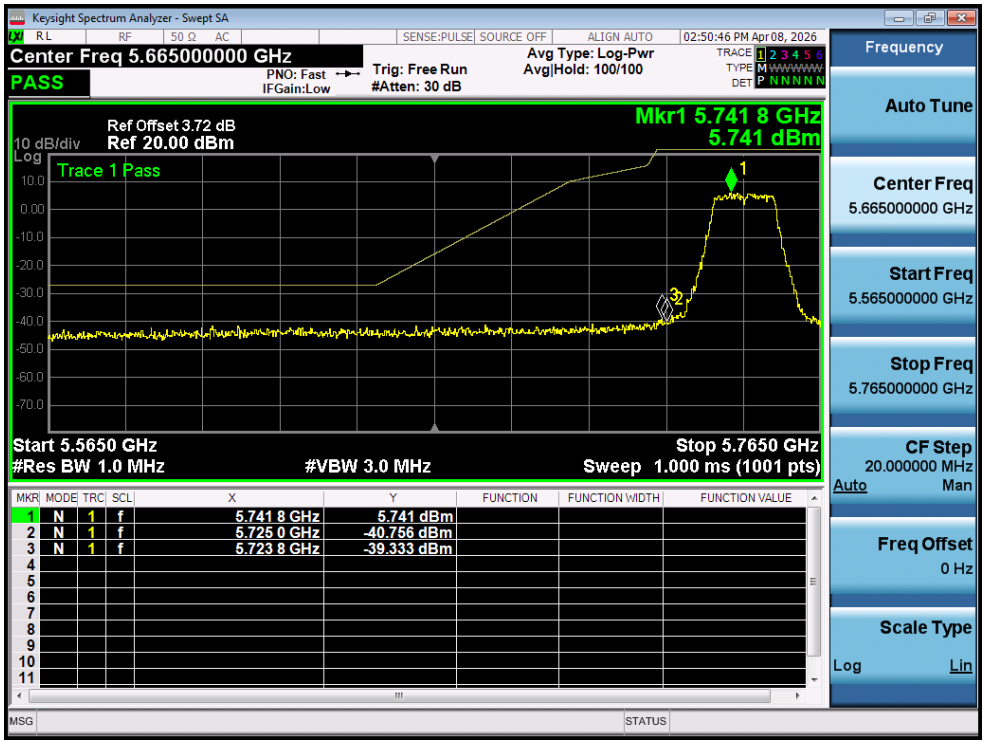


Band Edge

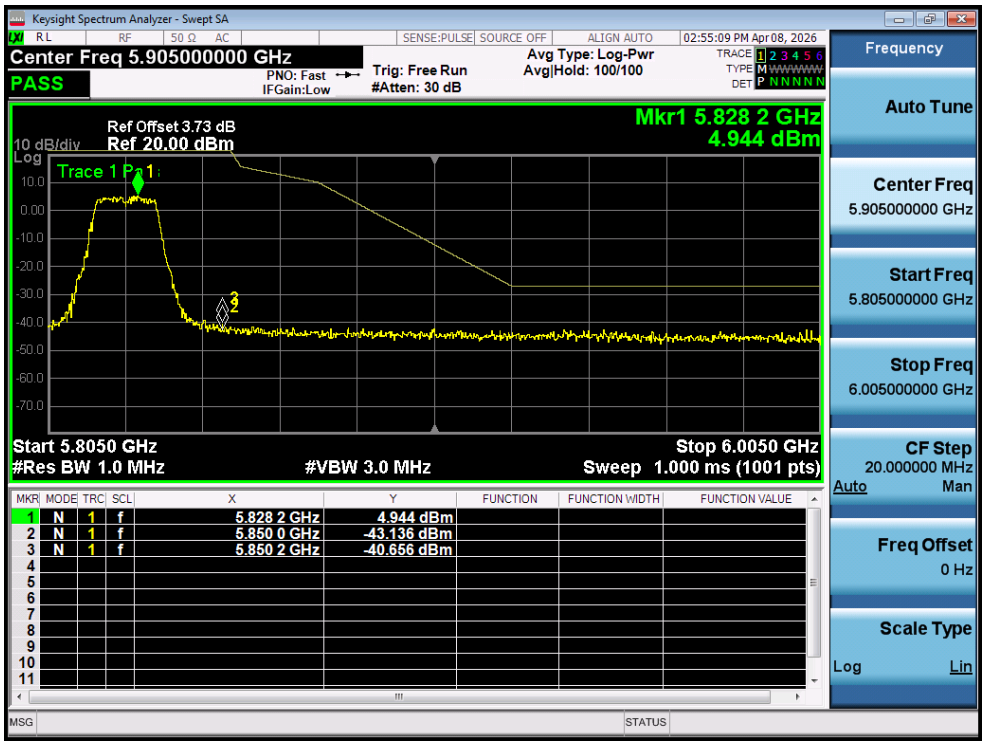
Condition	Mode	Frequency (MHz)	Max Value (dBm)	Verdict
NVNT	a	5745	-39.33	Pass
NVNT	a	5825	-40.65	Pass
NVNT	n20	5745	-37.3	Pass
NVNT	n20	5825	-42.09	Pass
NVNT	n40	5755	-37.92	Pass
NVNT	n40	5795	-42.17	Pass

Test Graphs

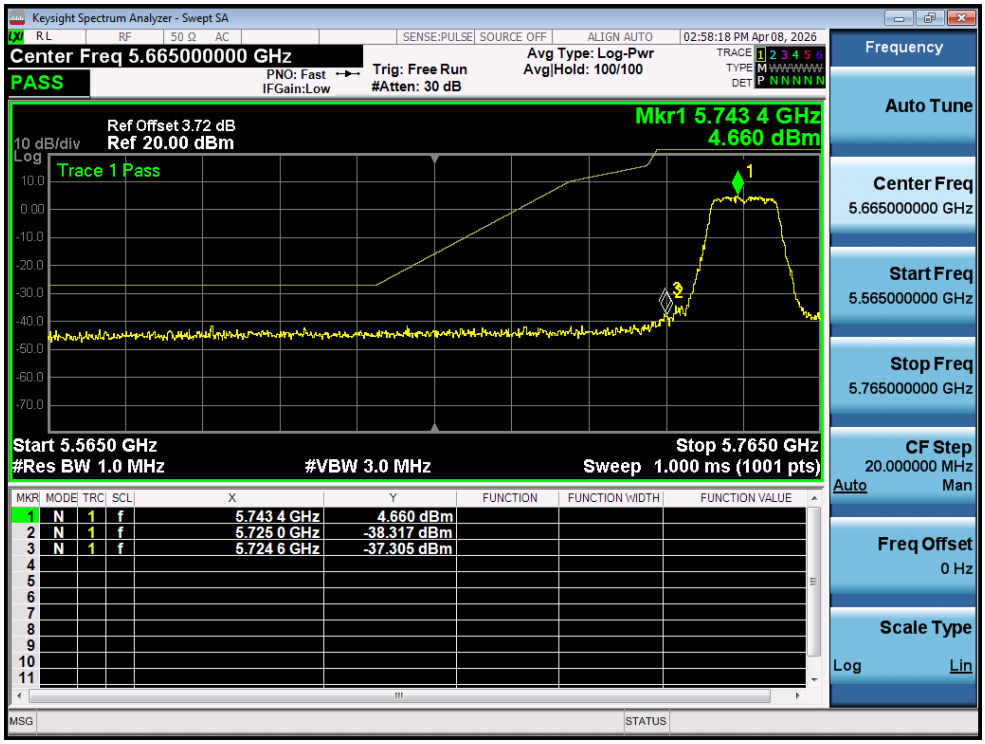
Band Edge NVNT a 5745MHz Low



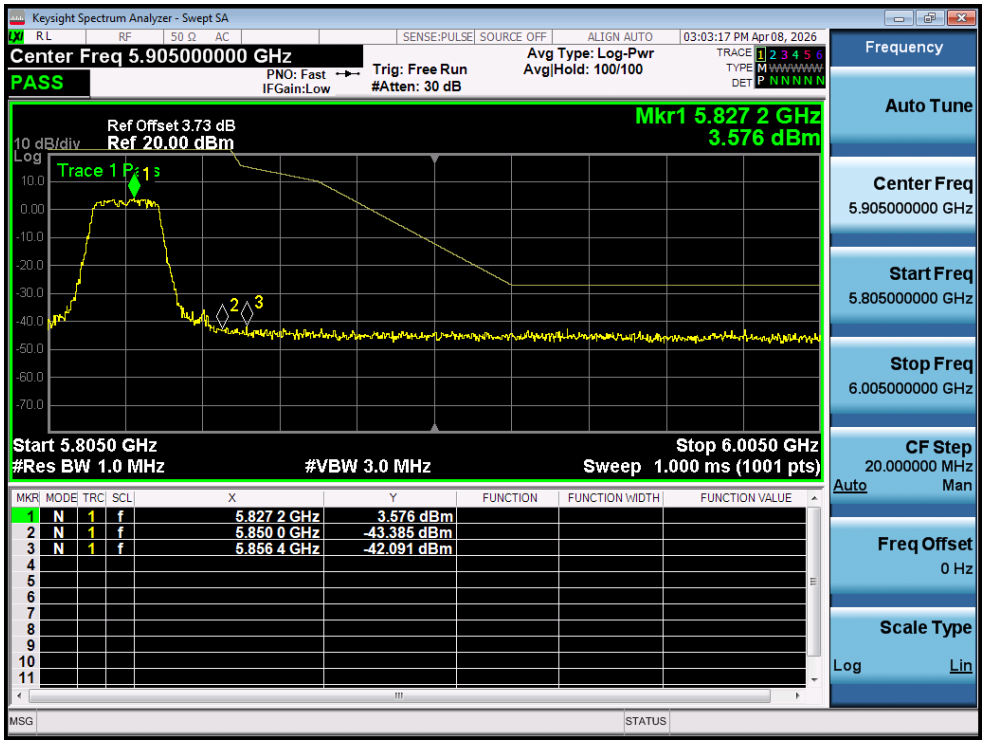
Band Edge NVNT a 5825MHz High



Band Edge NVNT n20 5745MHz Low

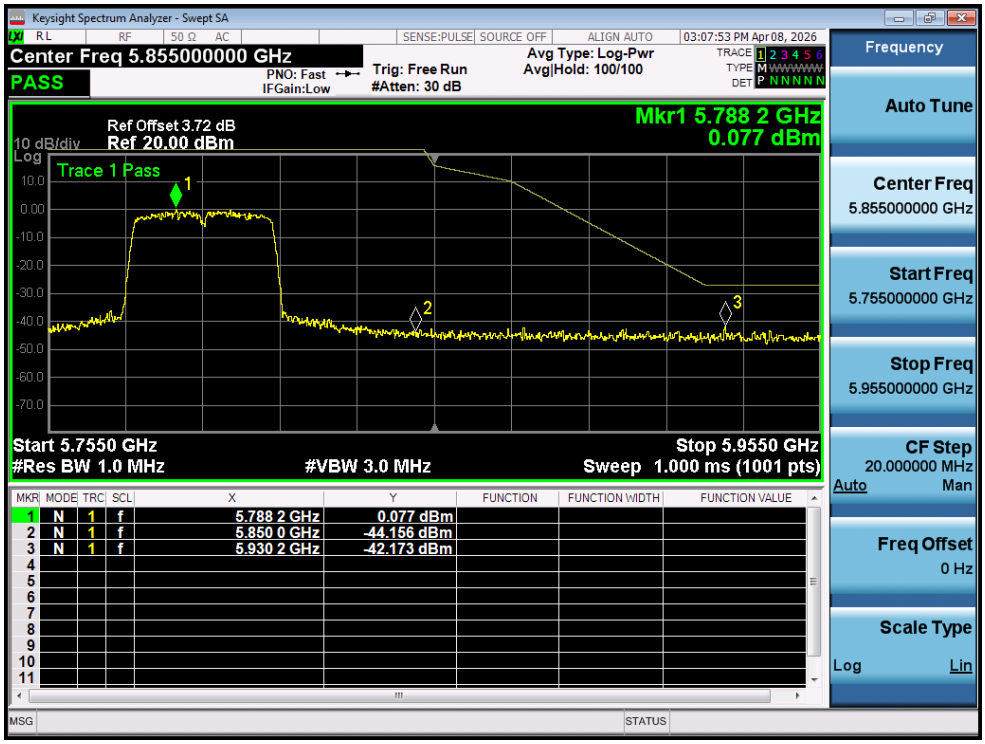


Band Edge NVNT n20 5825MHz High



Band Edge NVNT n40 5755MHz Low

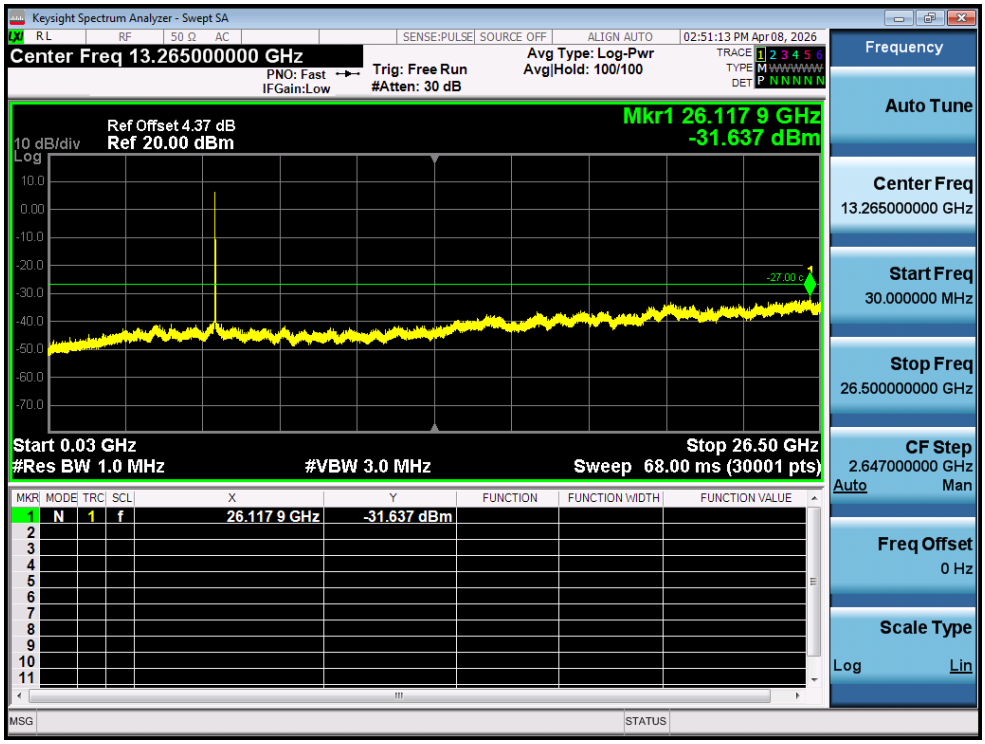
Band Edge NVNT n40 5795MHz High



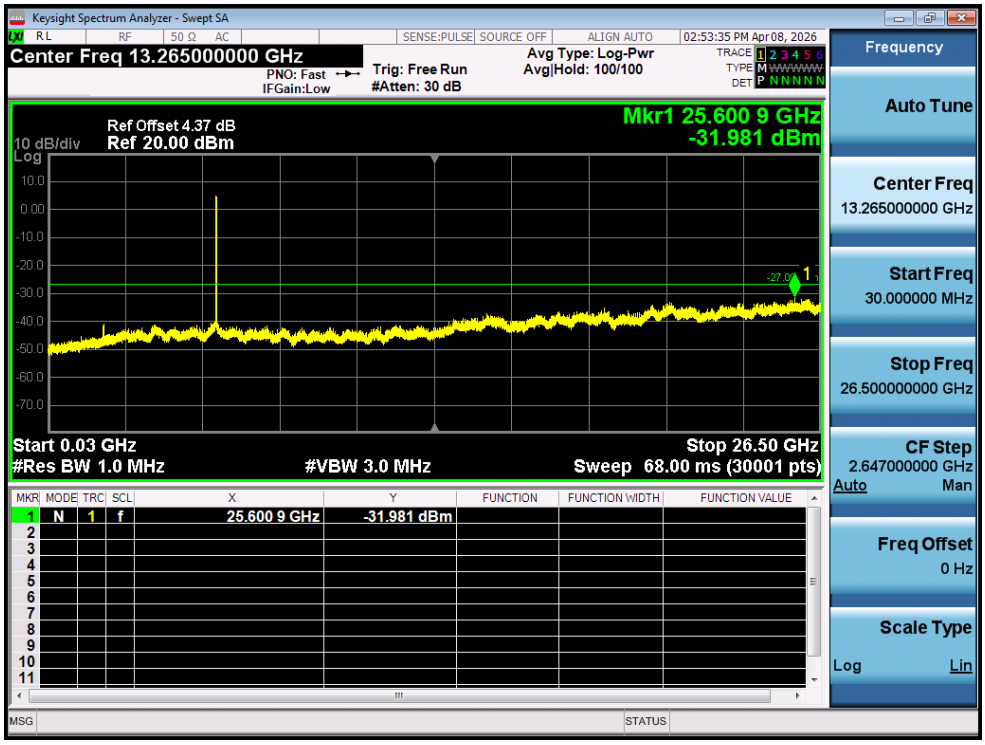
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	-31.63	-27	Pass
NVNT	a	5785	-31.98	-27	Pass
NVNT	a	5825	-31.97	-27	Pass
NVNT	n20	5745	-32.08	-27	Pass
NVNT	n20	5785	-31.85	-27	Pass
NVNT	n20	5825	-32.03	-27	Pass
NVNT	n40	5755	-32.46	-27	Pass
NVNT	n40	5795	-31.23	-27	Pass

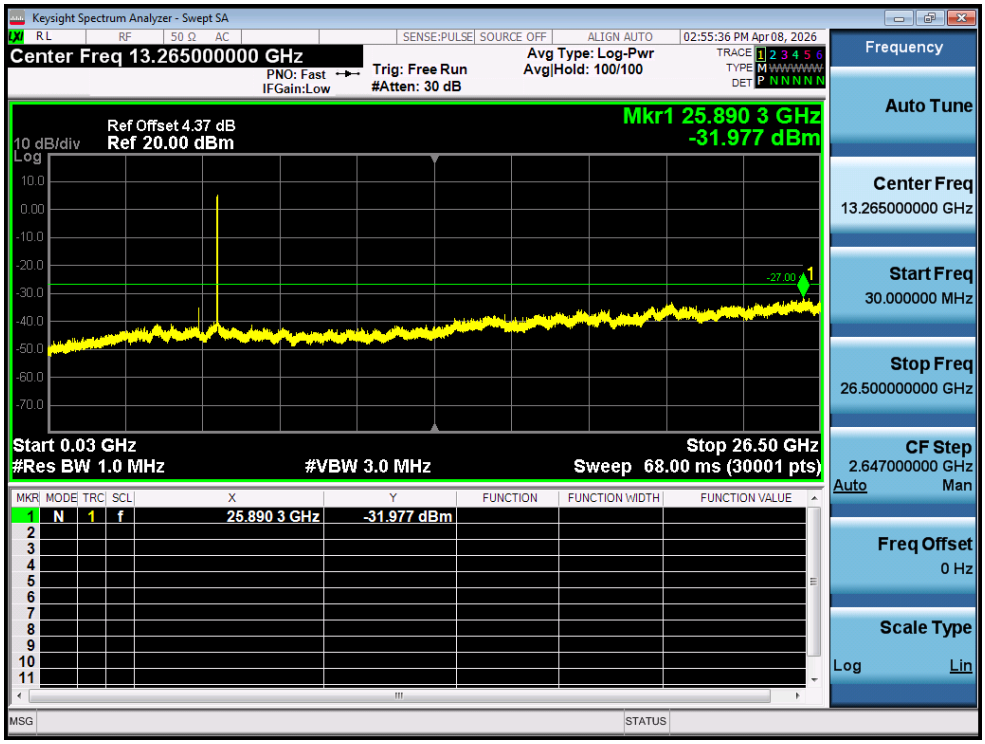
Test Graphs
Tx. Spurious NVNT a 5745MHz Emission



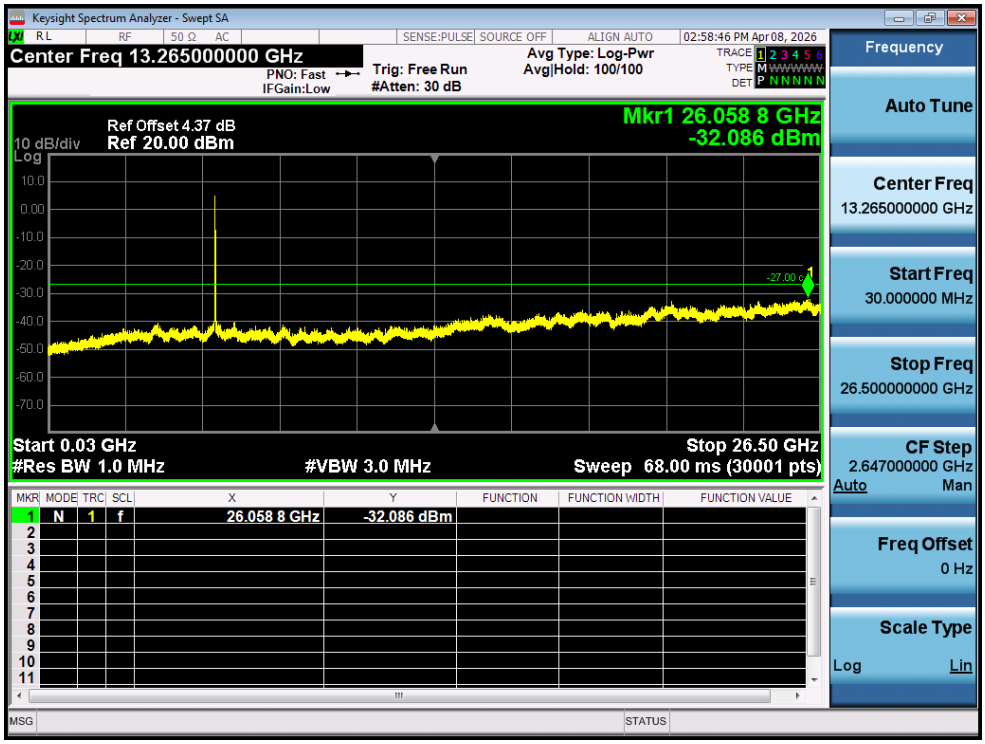
Tx. Spurious NVNT a 5785MHz Emission



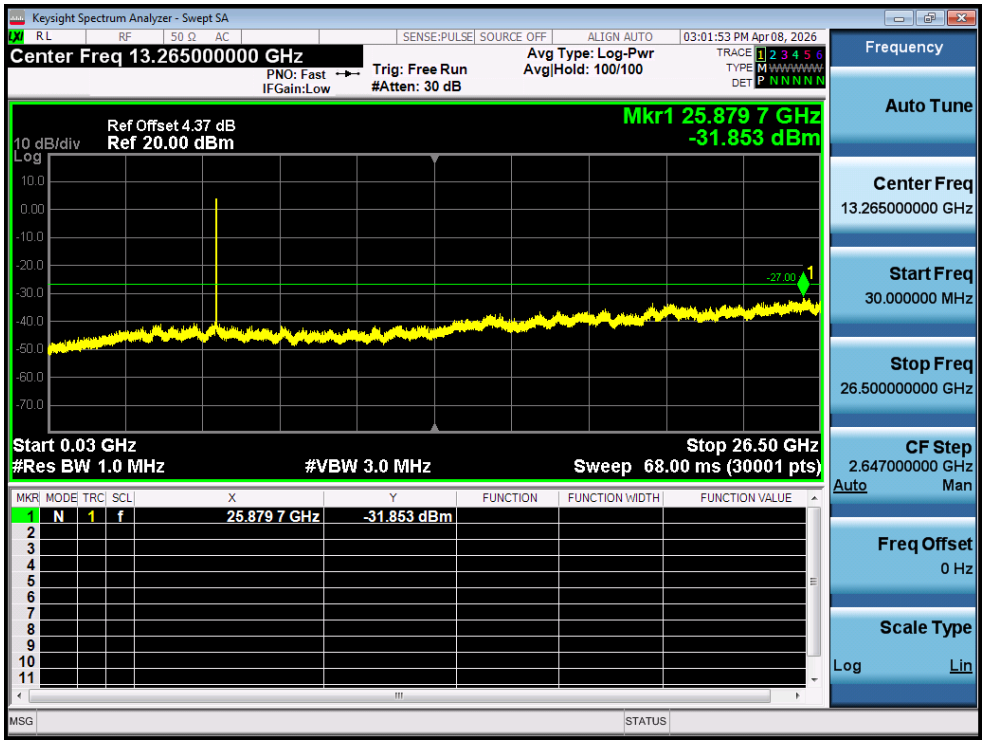
Tx. Spurious NVNT a 5825MHz Emission



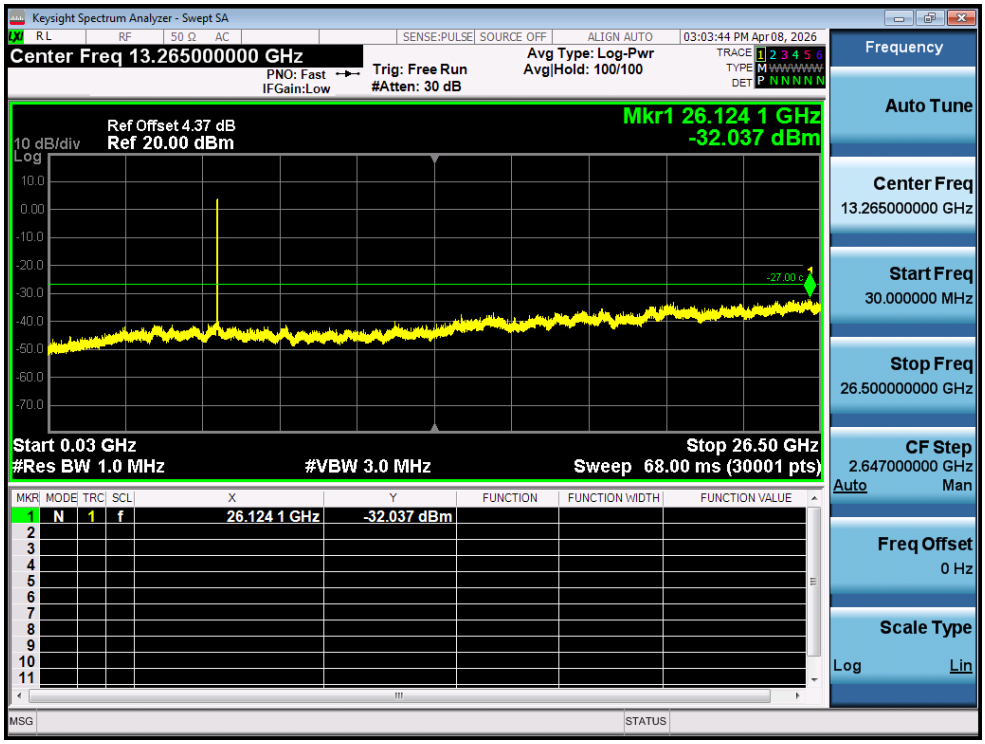
Tx. Spurious NVNT n20 5745MHz Emission



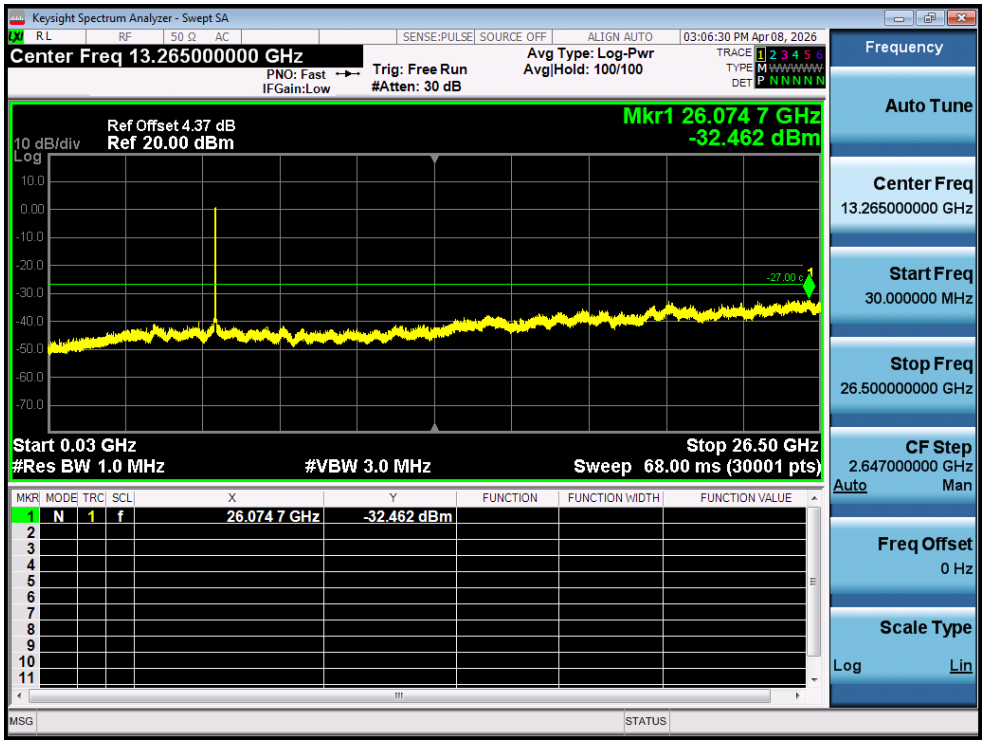
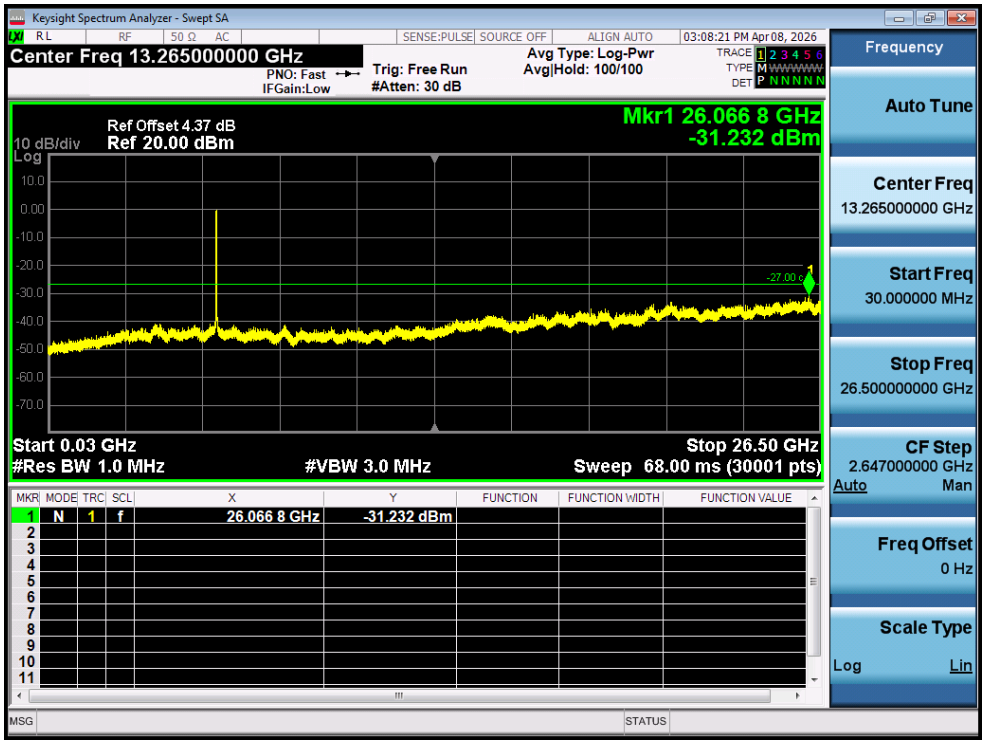
Tx. Spurious NVNT n20 5785MHz Emission



Tx. Spurious NVNT n20 5825MHz Emission



Tx. Spurious NVNT n40 5755MHz Emission



Tx. Spurious NVNT n40 5795MHz Emission