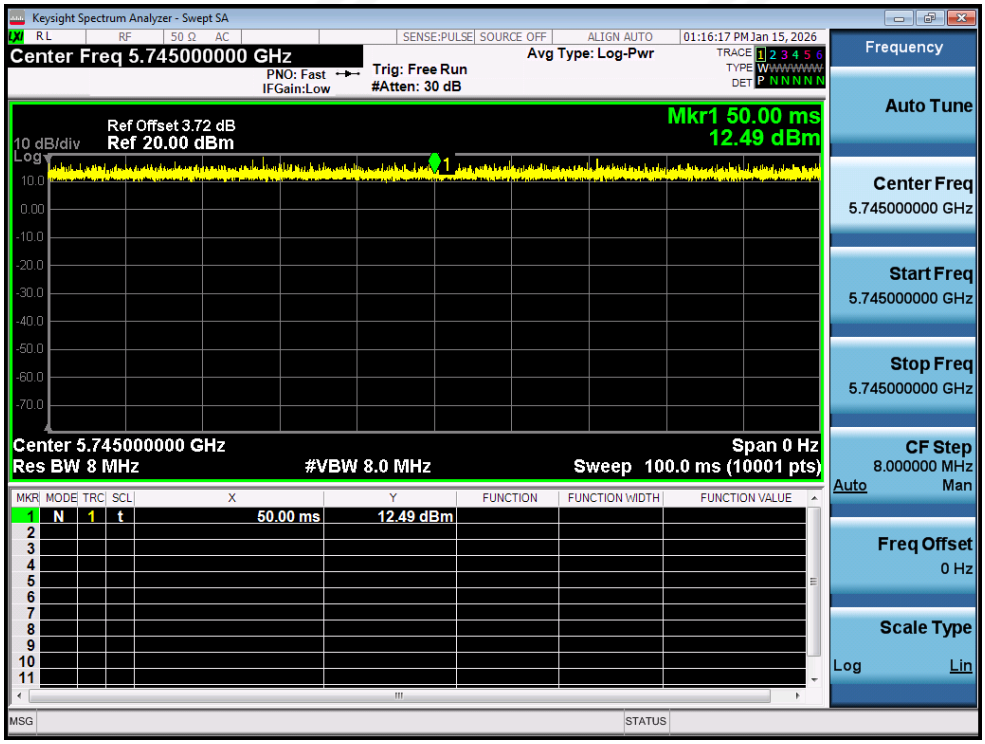
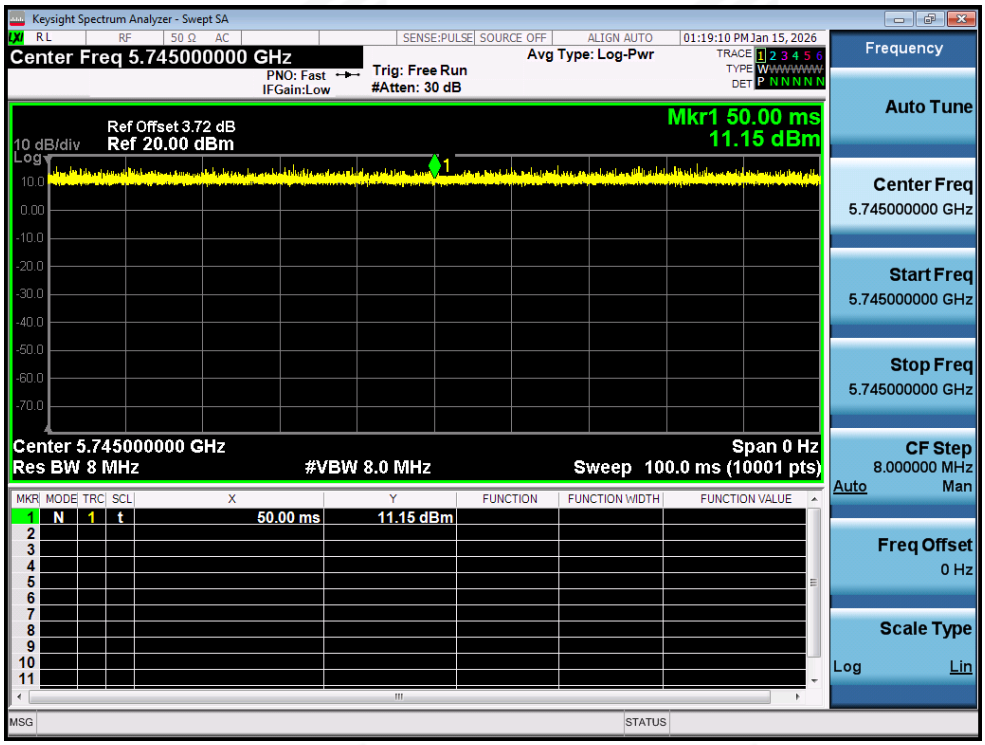
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	100	0	0
NVNT	n20	5745	100	0	0
NVNT	n40	5755	100	0	0
NVNT	ac20	5745	100	0	0
NVNT	ac40	5755	100	0	0
NVNT	ac80	5775	100	0	0

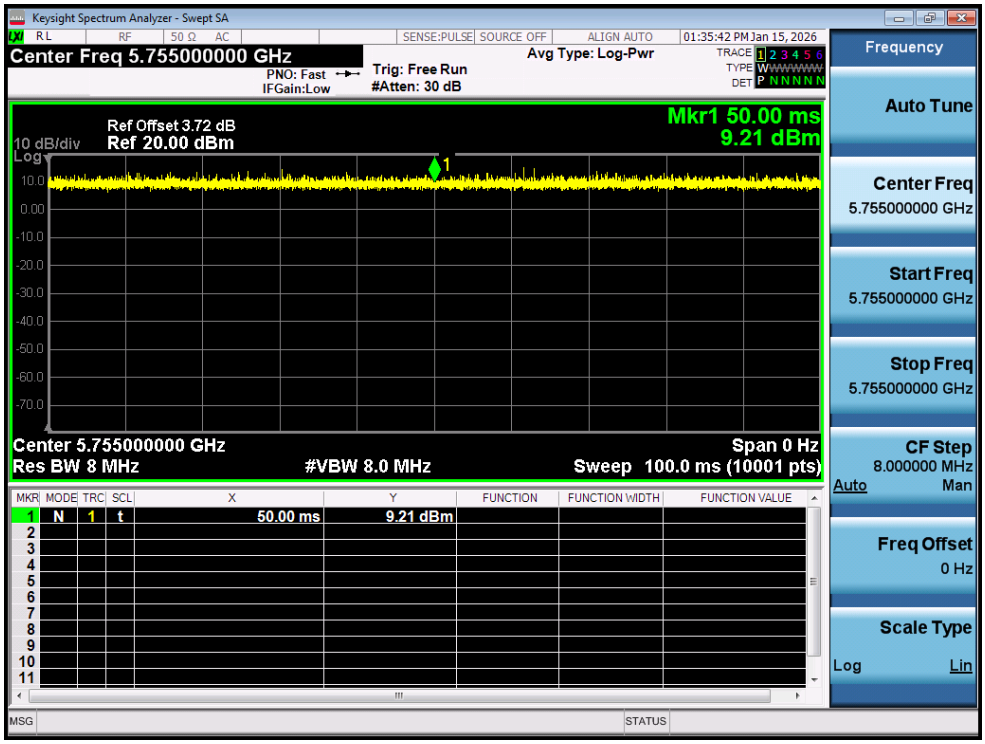
Test Graphs
Duty Cycle NVNT a 5745MHz



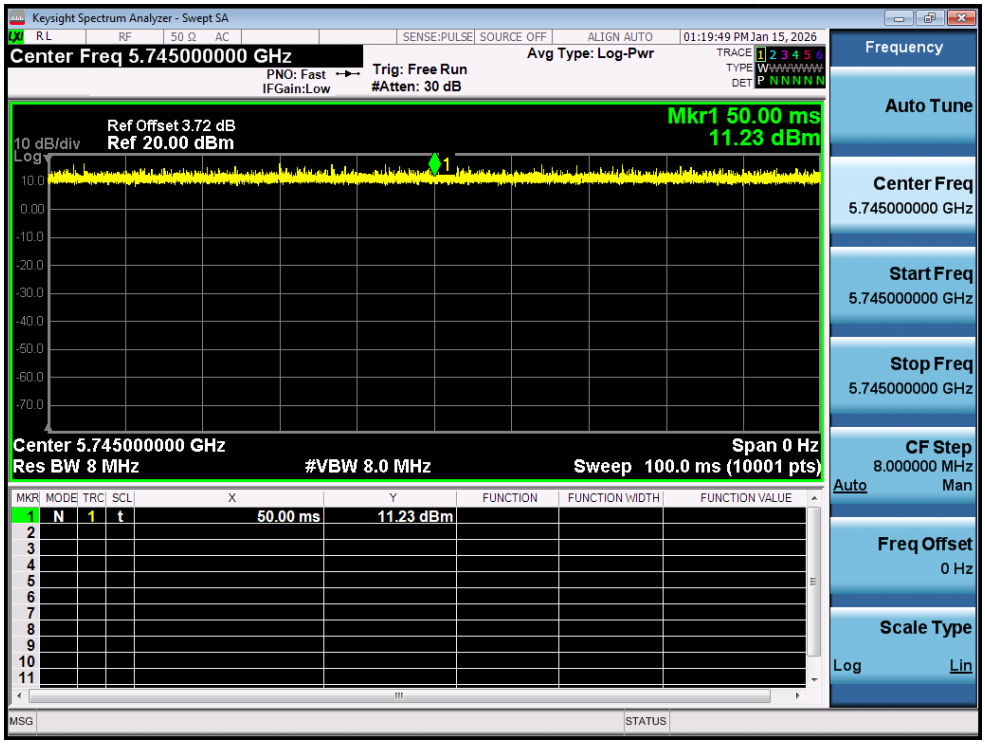
Duty Cycle NVNT n20 5745MHz



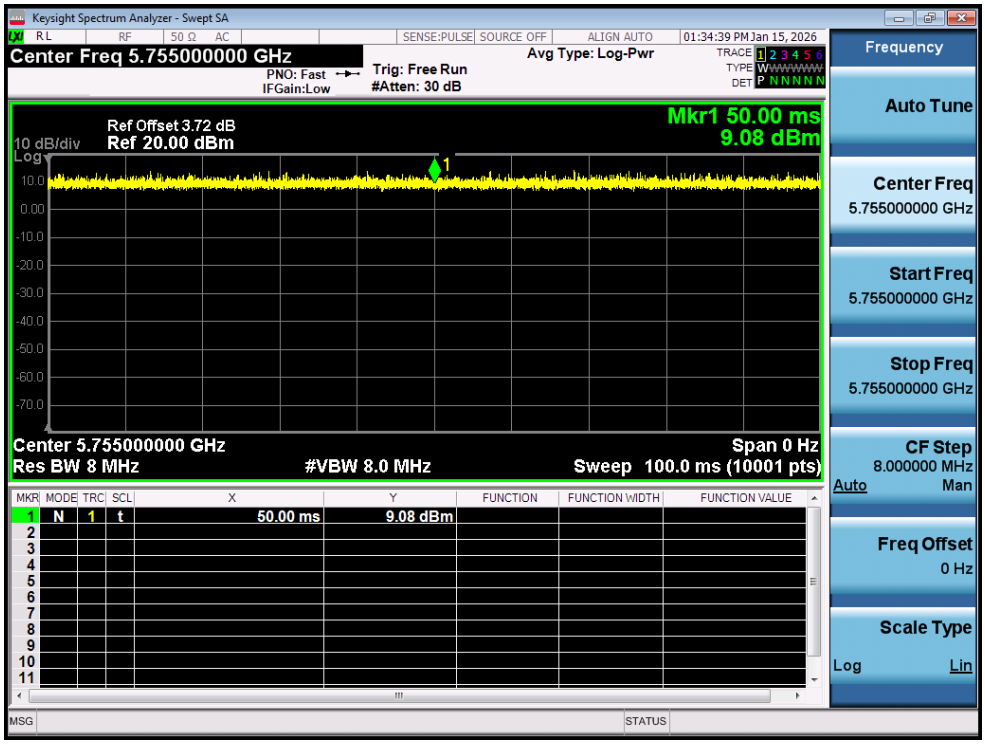
Duty Cycle NVNT n40 5755MHz



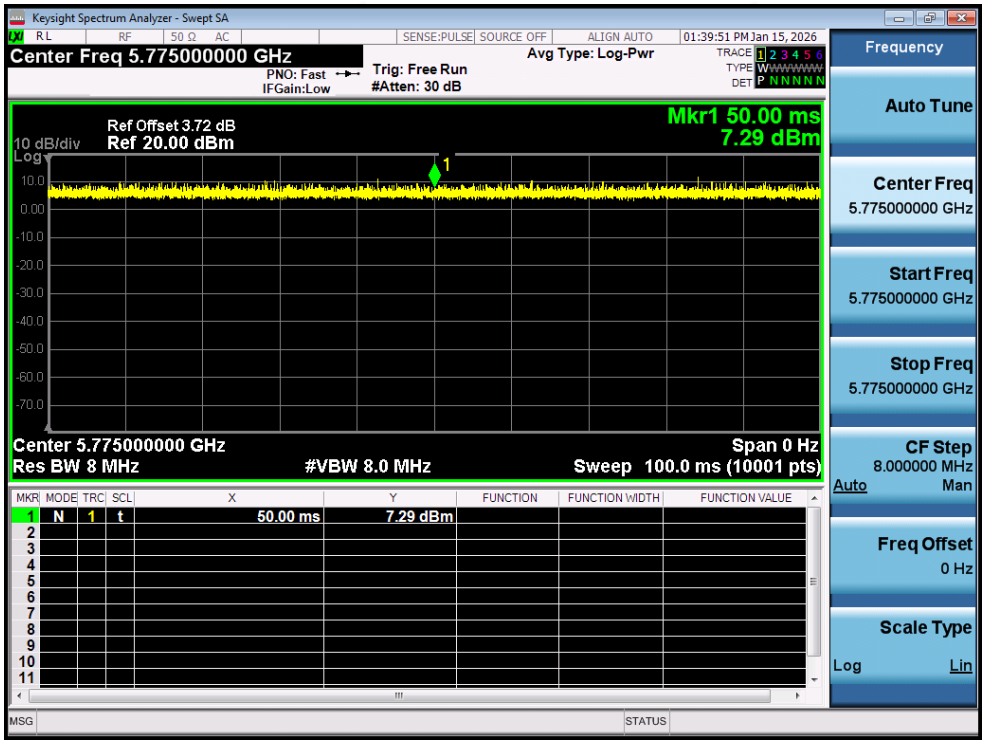
Duty Cycle NVNT ac20 5745MHz



Duty Cycle NVNT ac40 5755MHz



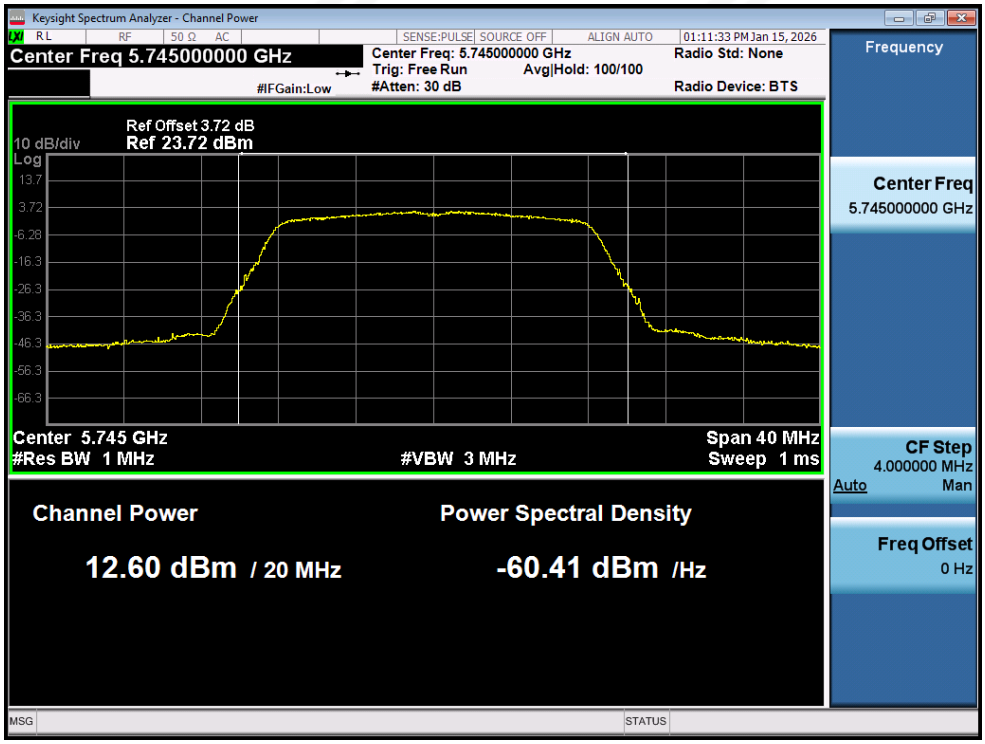
Duty Cycle NVNT ac80 5775MHz



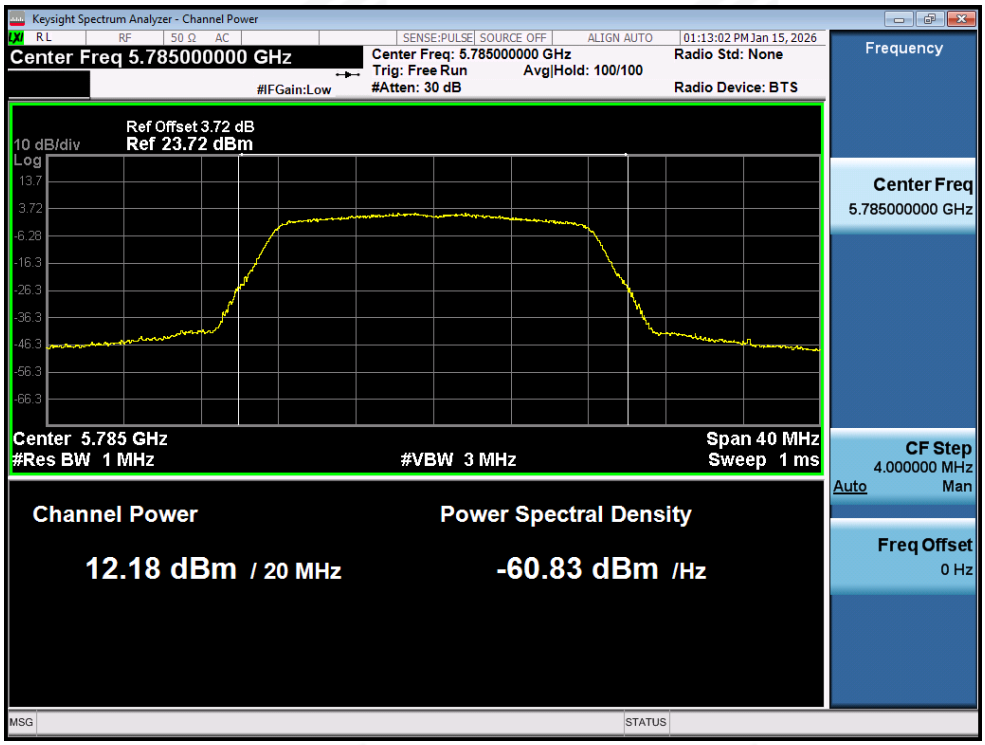
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	12.6	12.6	30	Pass
NVNT	a	5785	12.18	12.18	30	Pass
NVNT	a	5825	11.64	11.64	30	Pass
NVNT	n20	5745	11.51	11.51	30	Pass
NVNT	n20	5785	10.9	10.9	30	Pass
NVNT	n20	5825	10.53	10.53	30	Pass
NVNT	n40	5755	10.15	10.15	30	Pass
NVNT	n40	5795	9.65	9.65	30	Pass
NVNT	ac20	5745	11.41	11.41	30	Pass
NVNT	ac20	5785	10.83	10.83	30	Pass
NVNT	ac20	5825	10.49	10.49	30	Pass
NVNT	ac40	5755	10.3	10.3	30	Pass
NVNT	ac40	5795	9.6	9.6	30	Pass
NVNT	ac80	5775	8.86	8.86	30	Pass

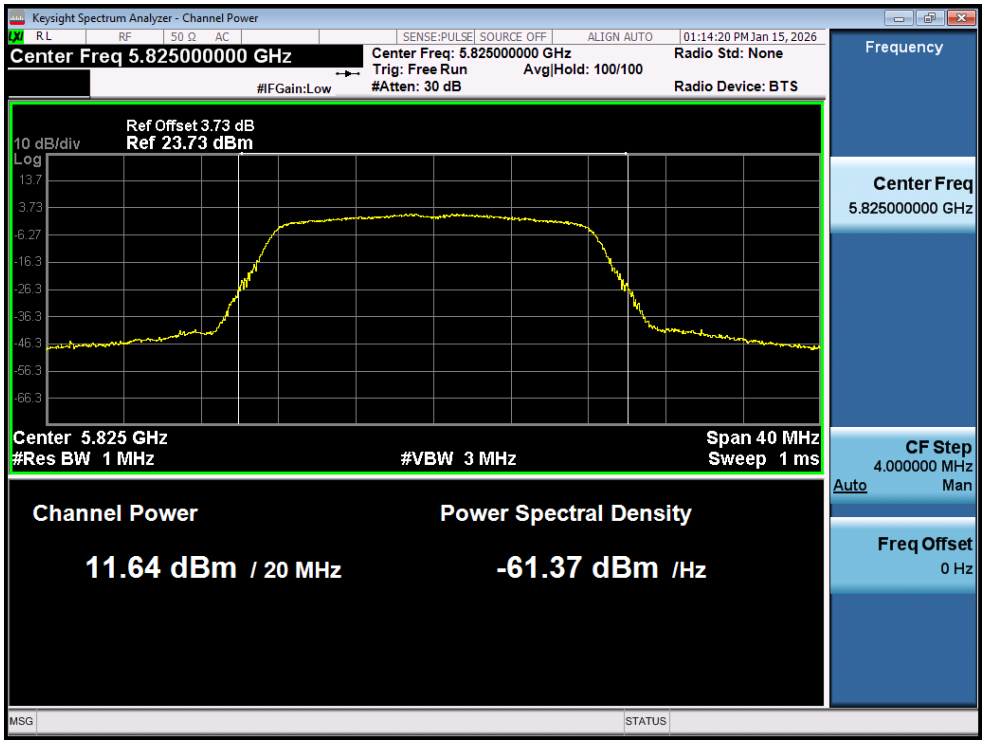
Test Graphs
Power NVNT a 5745MHz



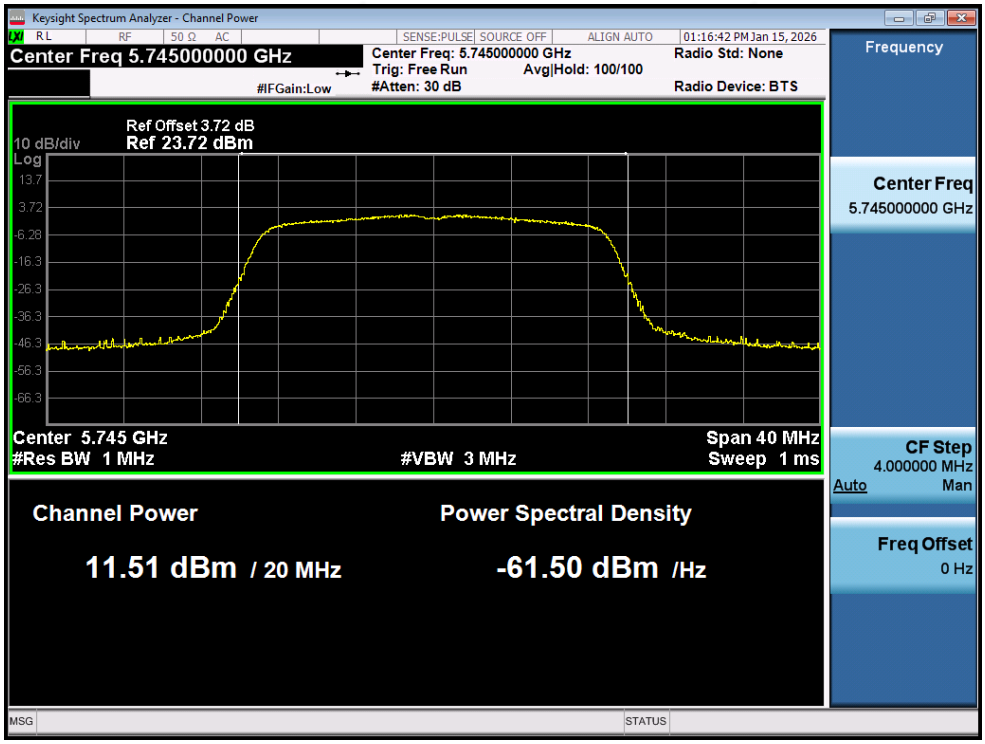
Power NVNT a 5785MHz



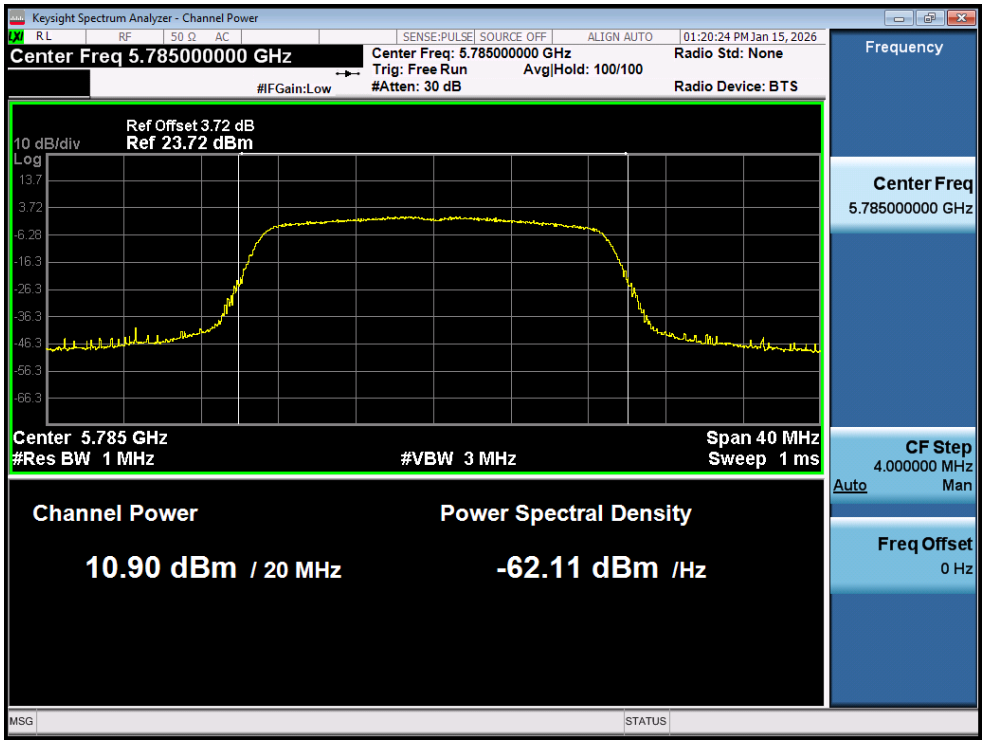
Power NVNT a 5825MHz



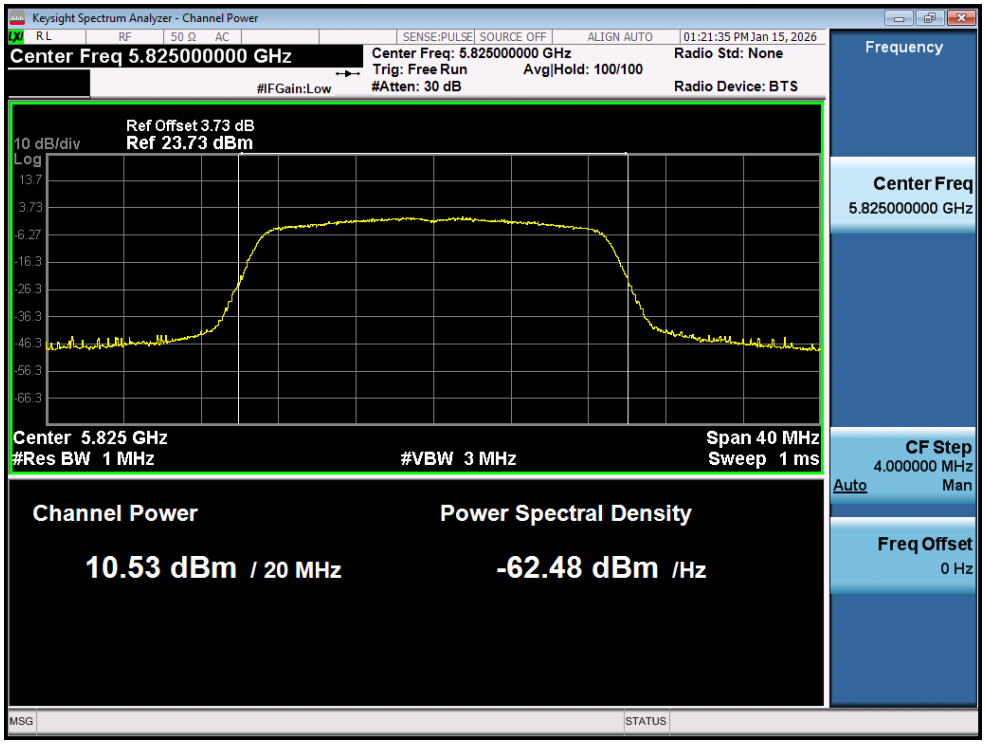
Power NVNT n20 5745MHz



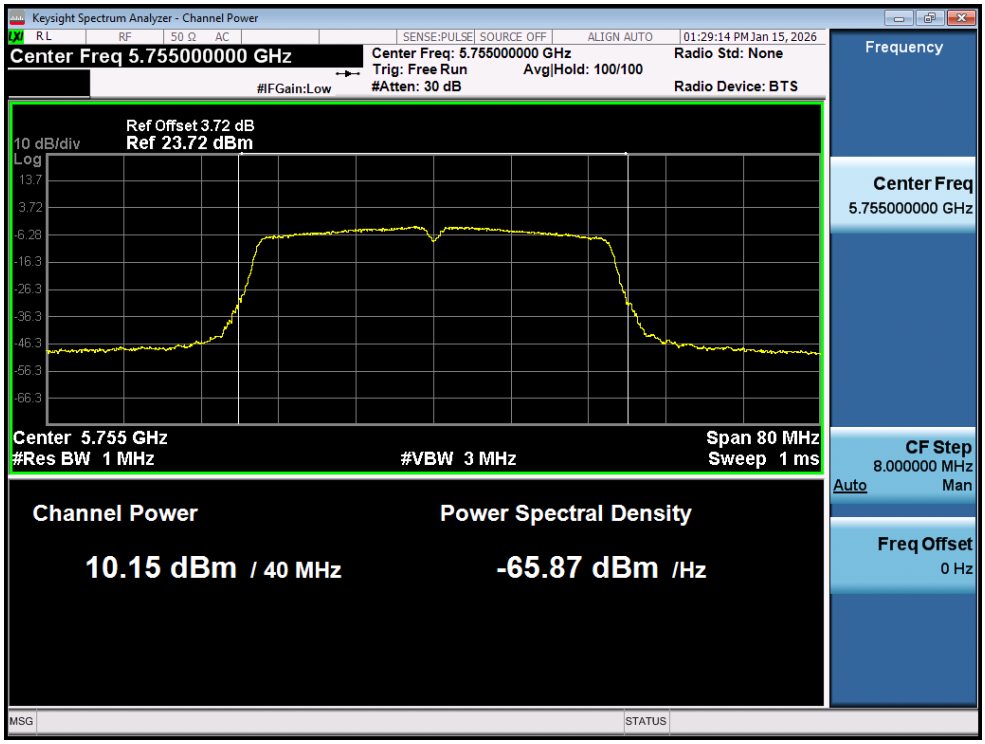
Power NVNT n20 5785MHz



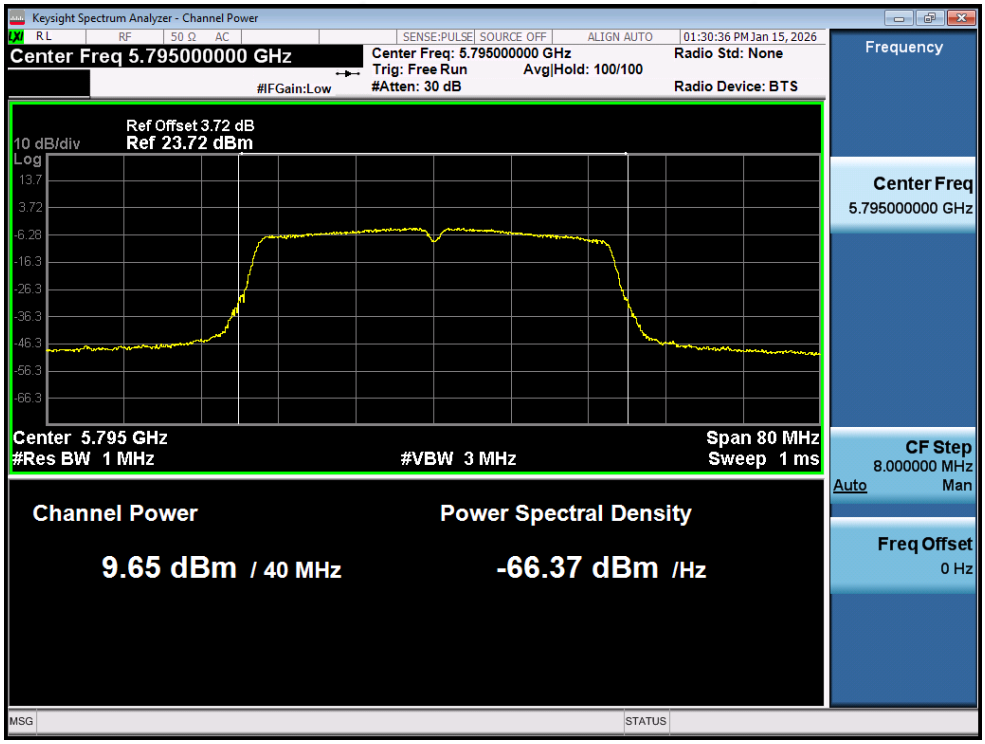
Power NVNT n20 5825MHz



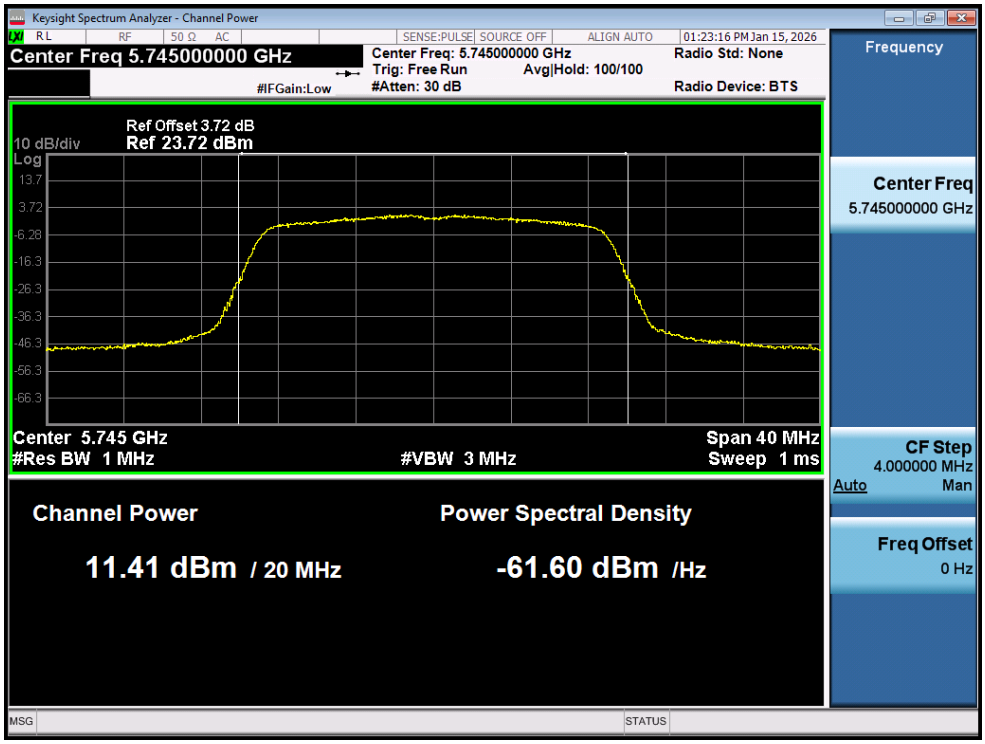
Power NVNT n40 5755MHz



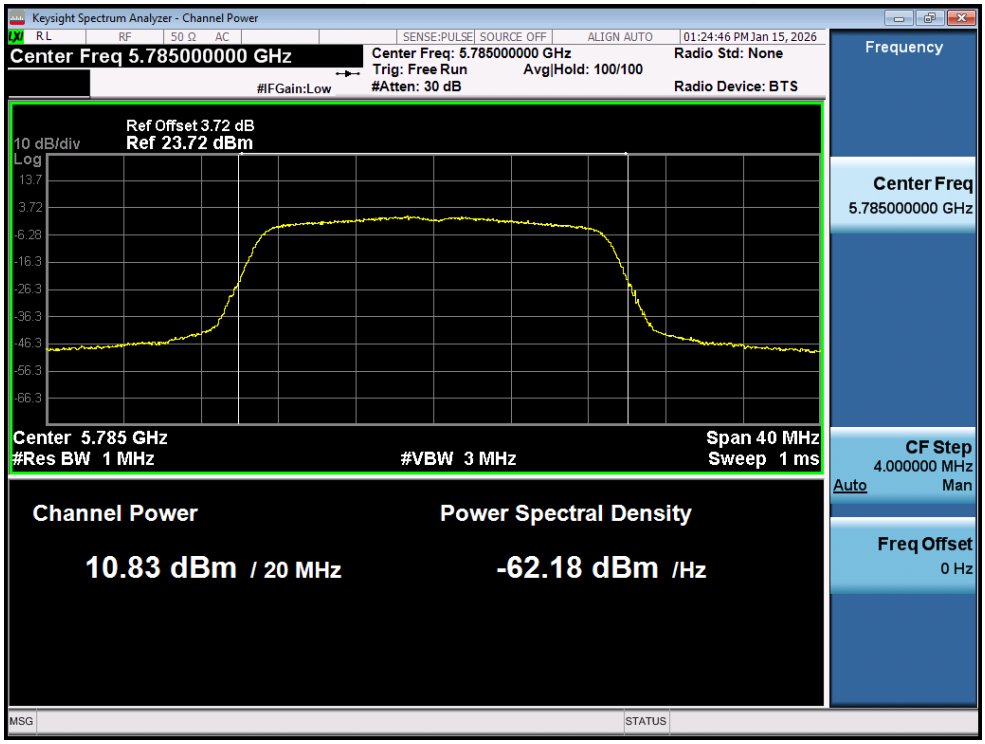
Power NVNT n40 5795MHz



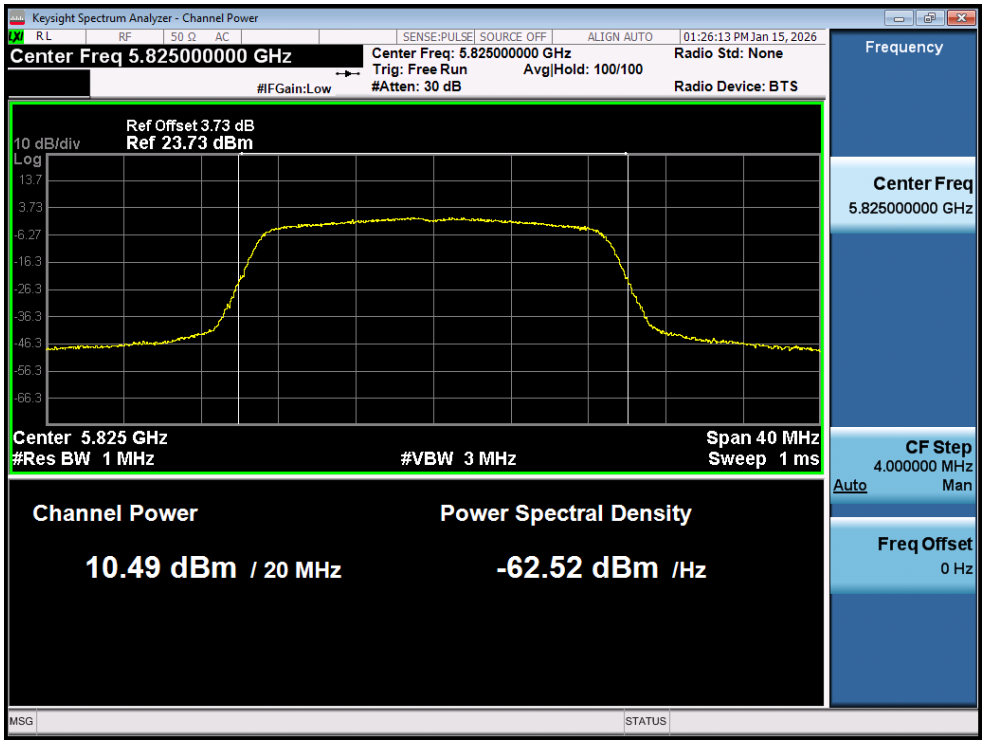
Power NVNT ac20 5745MHz



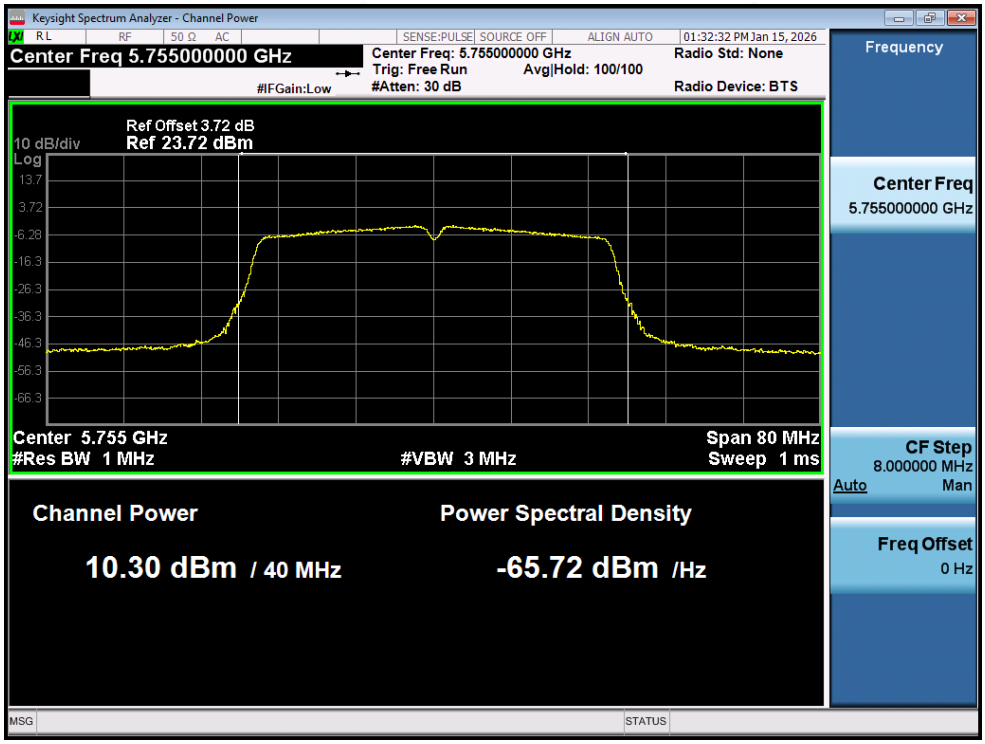
Power NVNT ac20 5785MHz



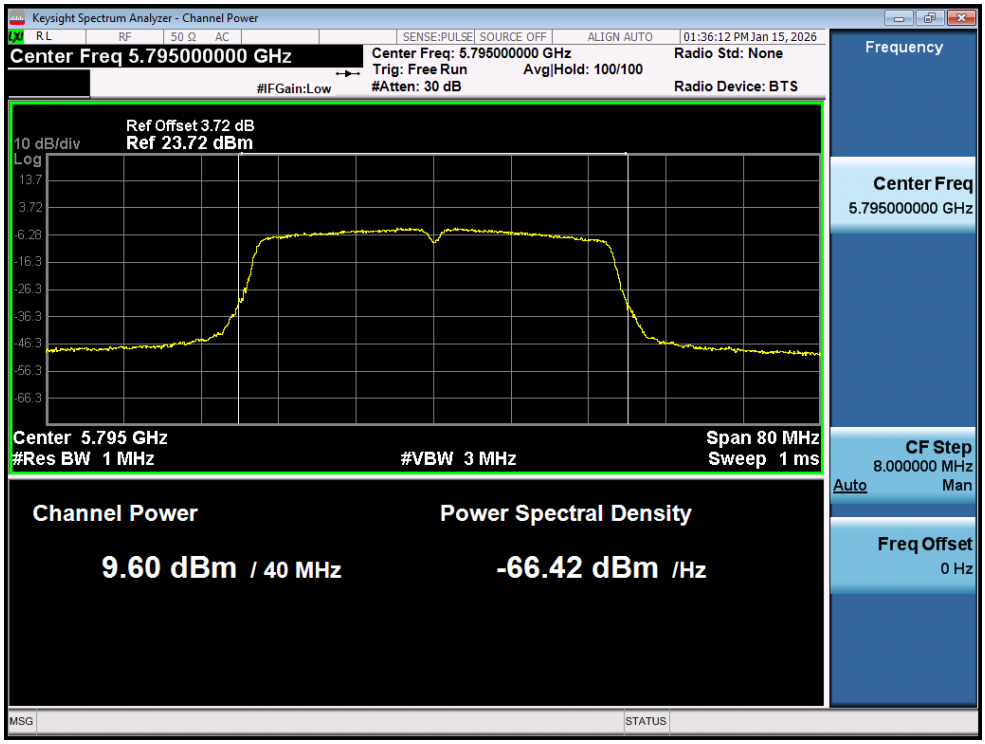
Power NVNT ac20 5825MHz



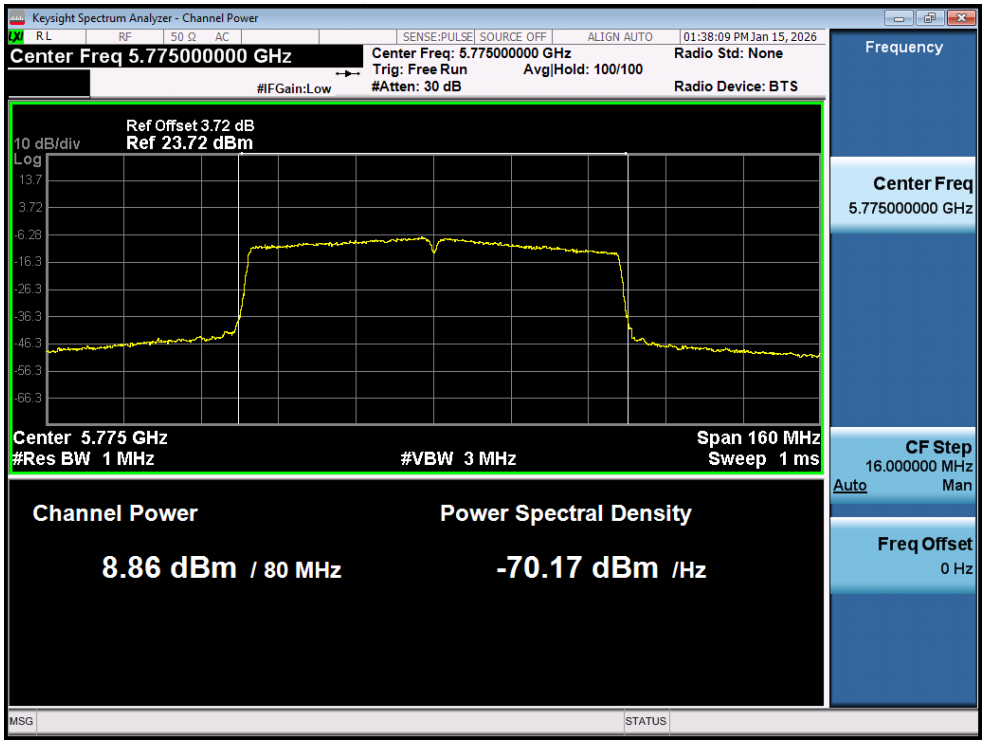
Power NVNT ac40 5755MHz



Power NVNT ac40 5795MHz



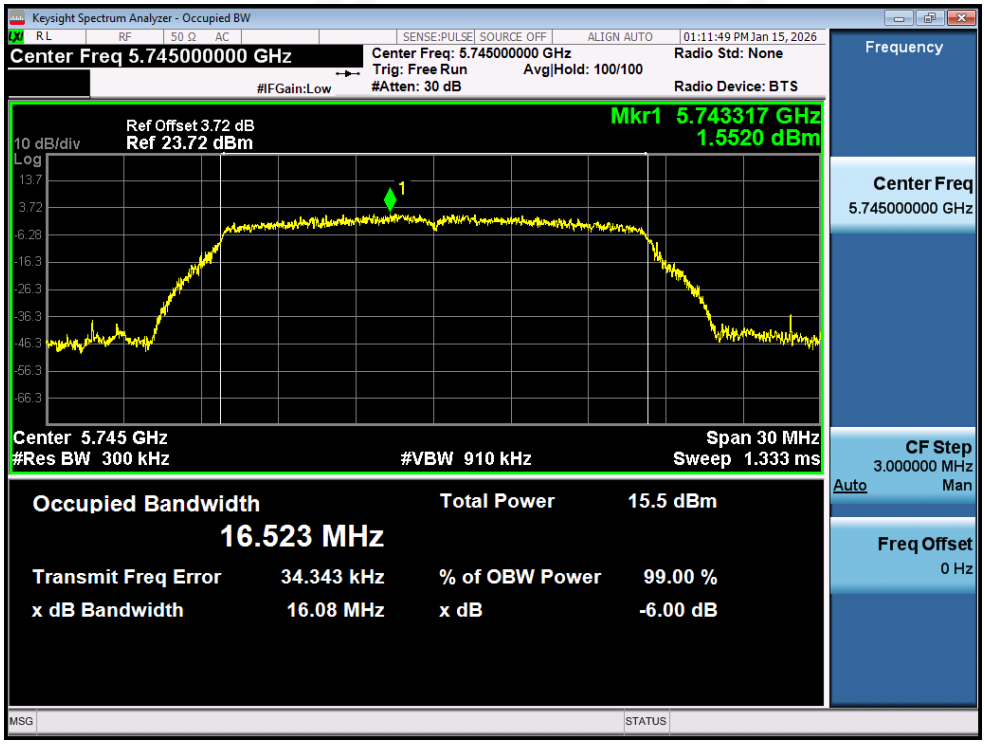
Power NVNT ac80 5775MHz



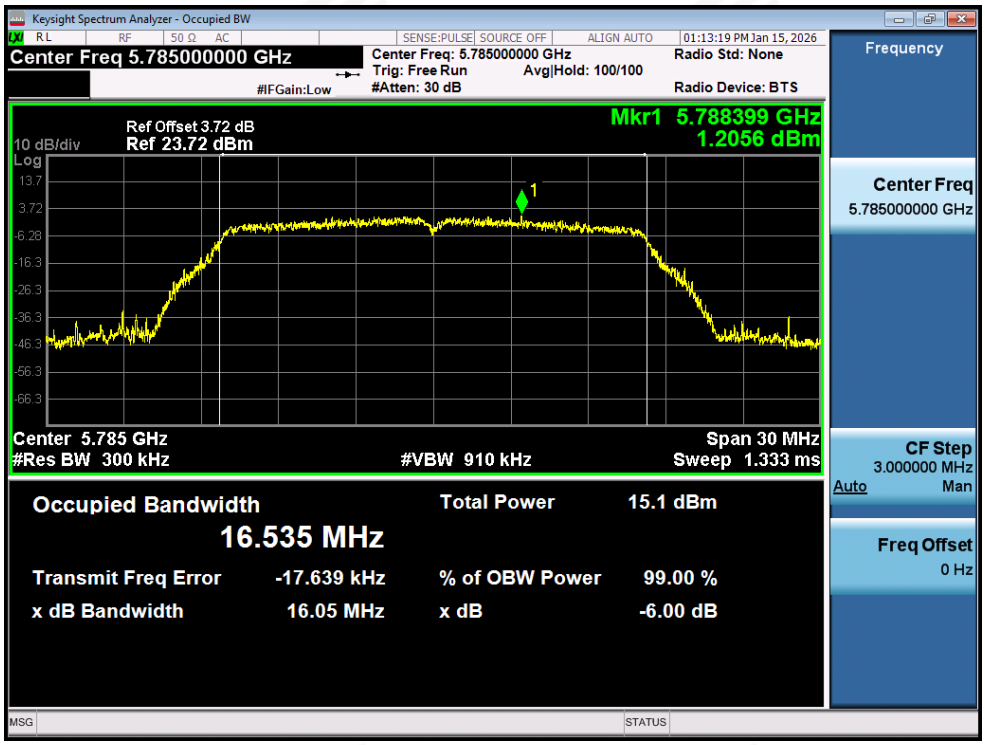
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	16.082	0.5	Pass
NVNT	a	5785	16.045	0.5	Pass
NVNT	a	5825	15.837	0.5	Pass
NVNT	n20	5745	17.317	0.5	Pass
NVNT	n20	5785	17.254	0.5	Pass
NVNT	n20	5825	17.204	0.5	Pass
NVNT	n40	5755	35.535	0.5	Pass
NVNT	n40	5795	35.234	0.5	Pass
NVNT	ac20	5745	17.274	0.5	Pass
NVNT	ac20	5785	17.066	0.5	Pass
NVNT	ac20	5825	17.167	0.5	Pass
NVNT	ac40	5755	35.294	0.5	Pass
NVNT	ac40	5795	35.537	0.5	Pass
NVNT	ac80	5775	74.881	0.5	Pass

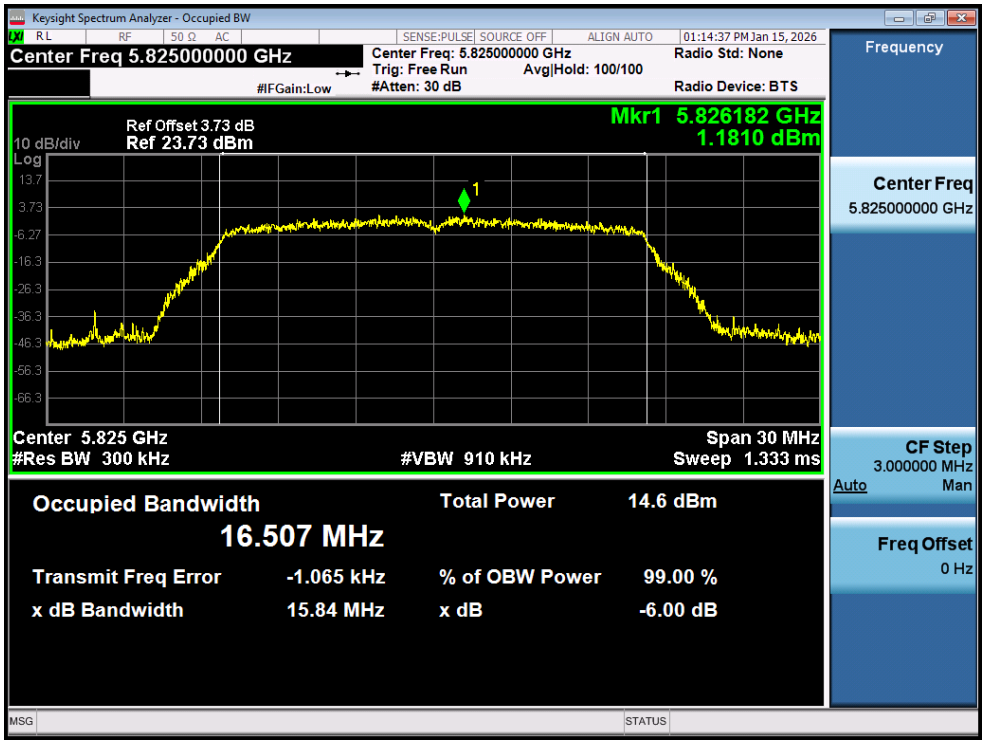
Test Graphs
-6dB Bandwidth NVNT a 5745MHz



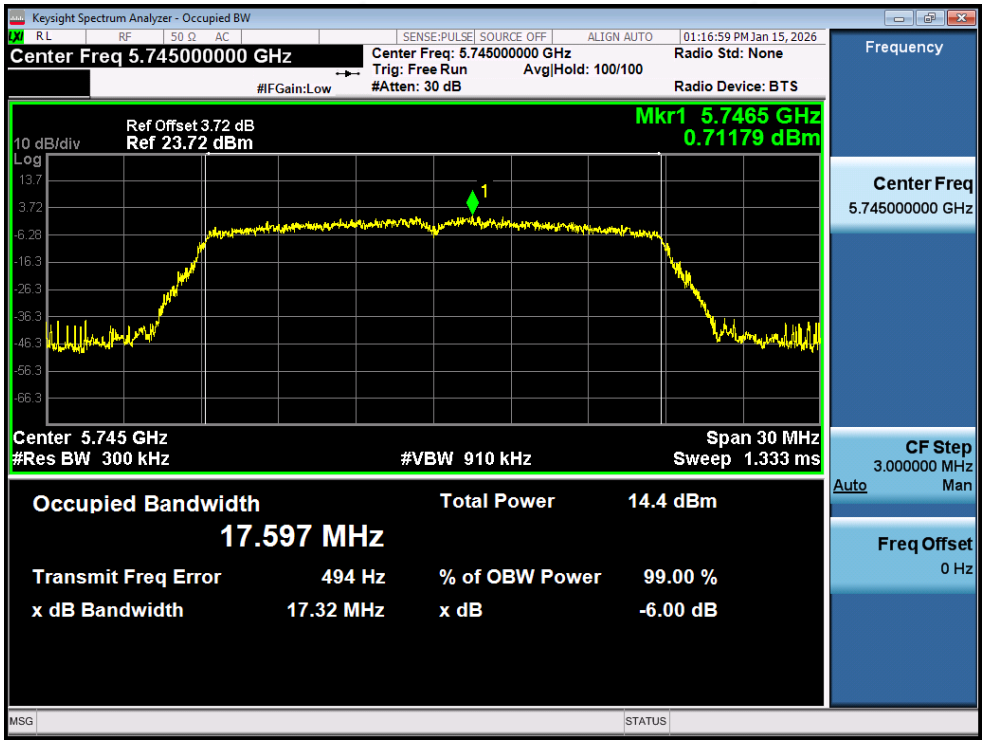
-6dB Bandwidth NVNT a 5785MHz



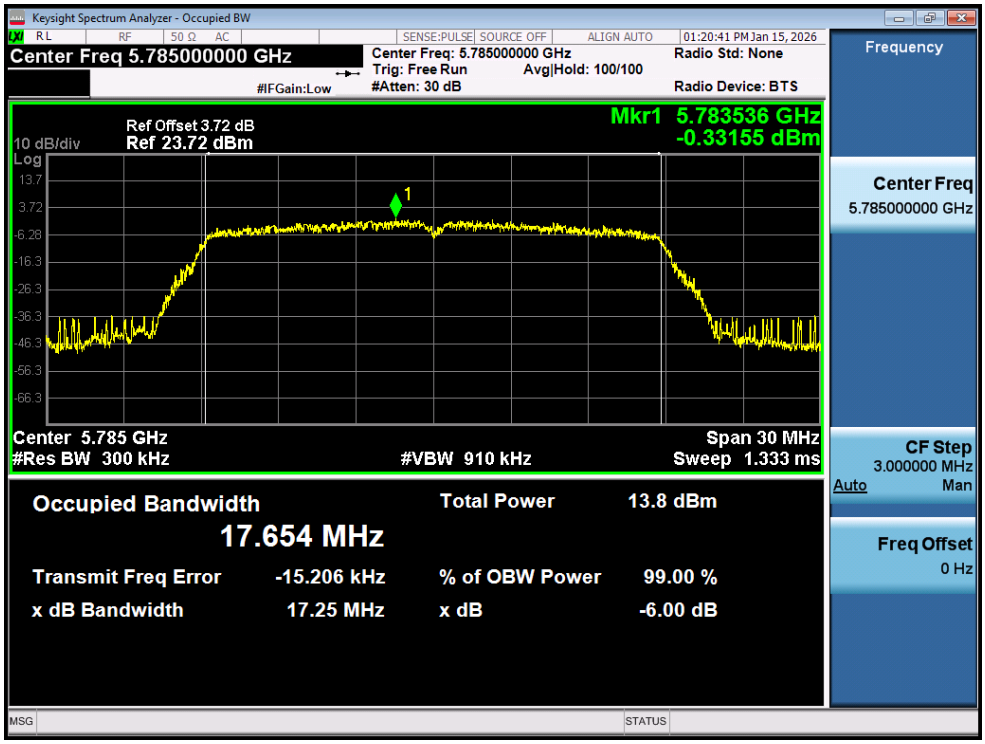
-6dB Bandwidth NVNT a 5825MHz



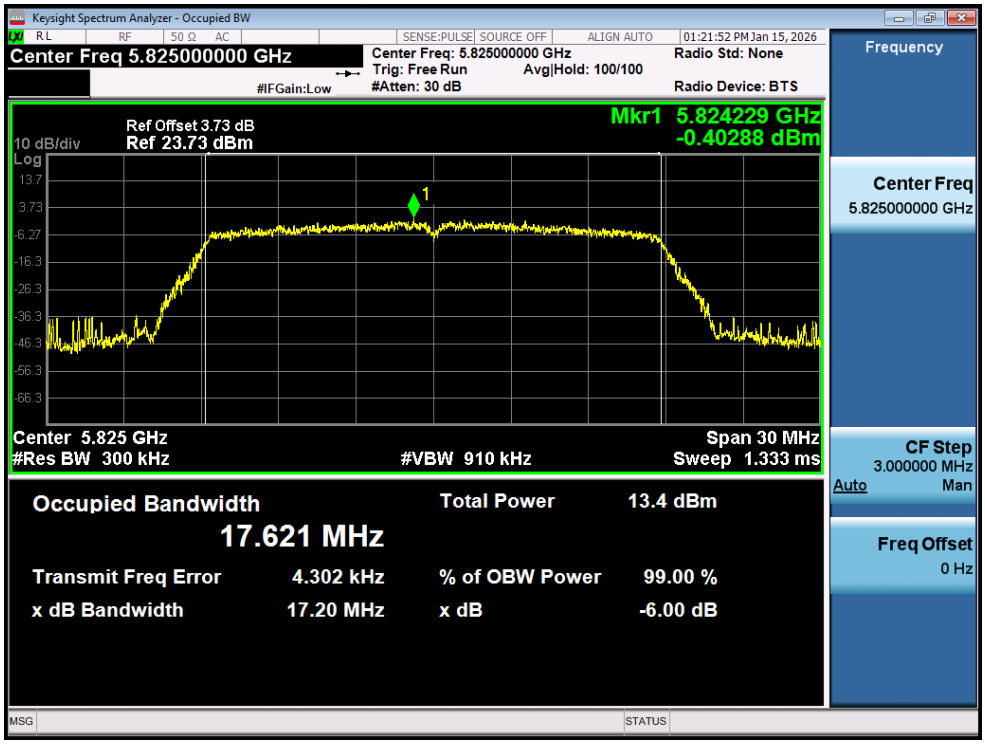
-6dB Bandwidth NVNT n20 5745MHz



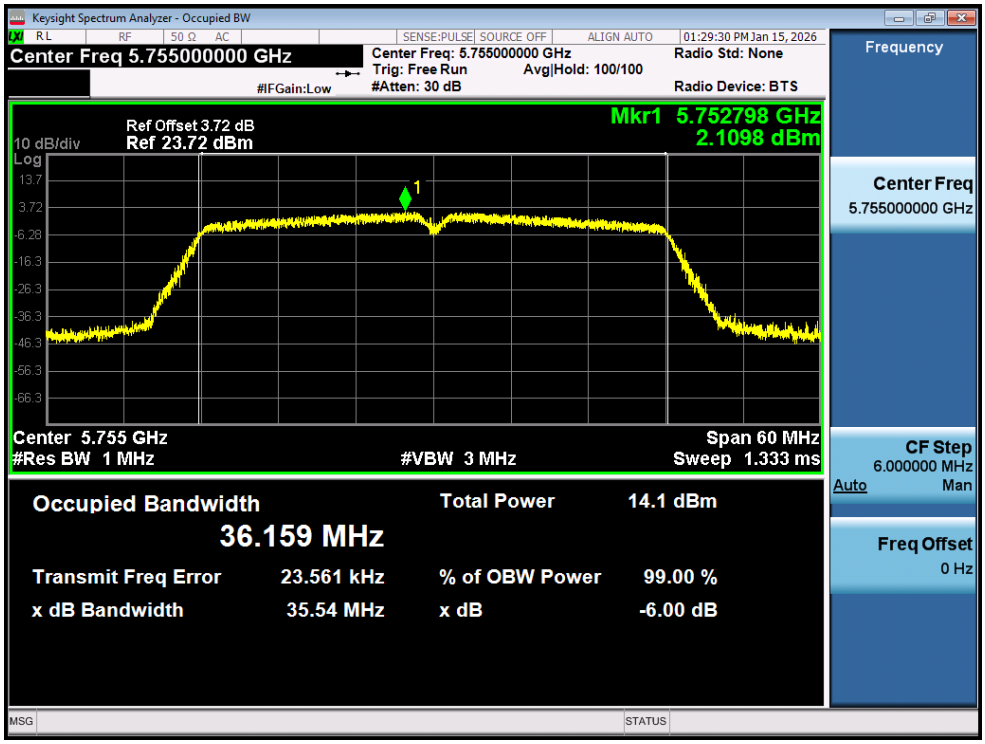
-6dB Bandwidth NVNT n20 5785MHz



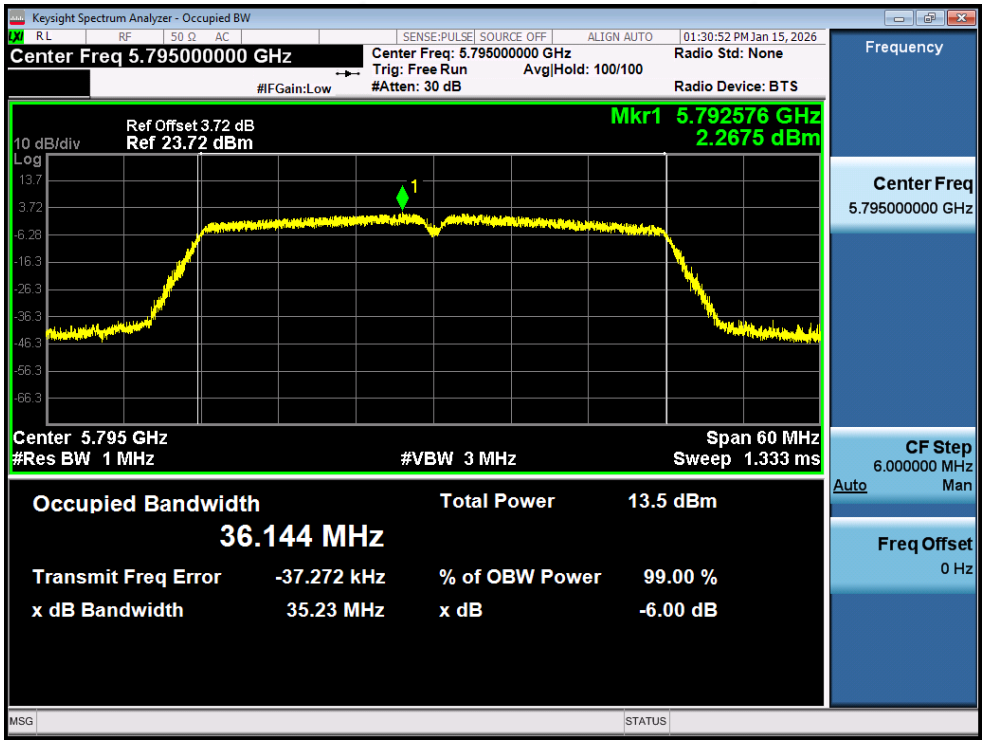
-6dB Bandwidth NVNT n20 5825MHz



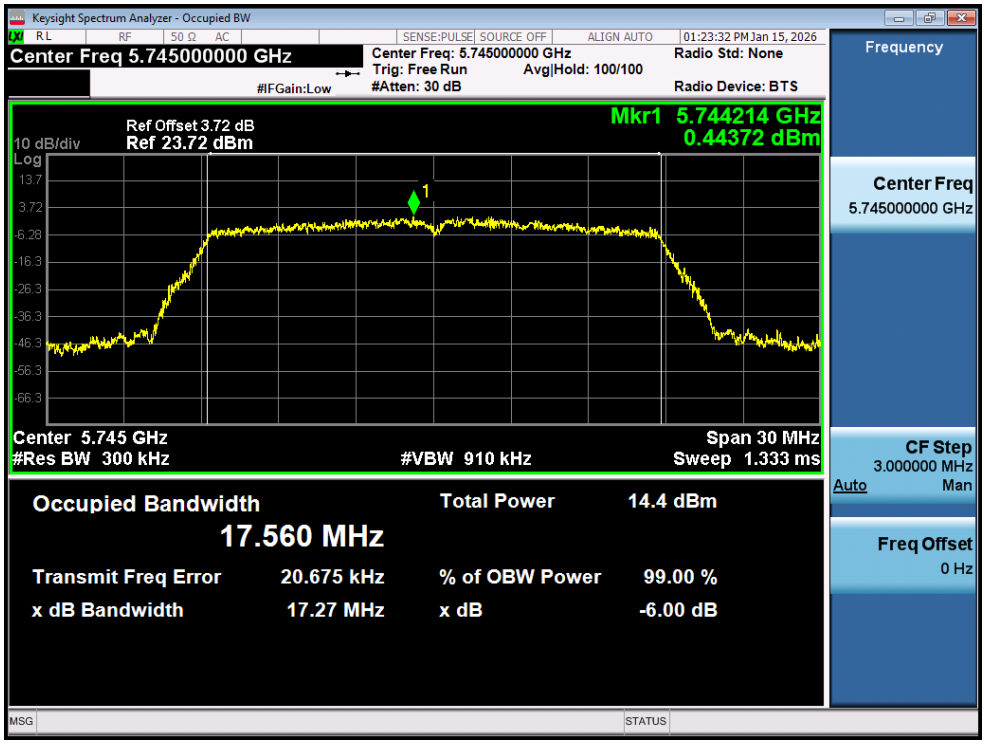
-6dB Bandwidth NVNT n40 5755MHz



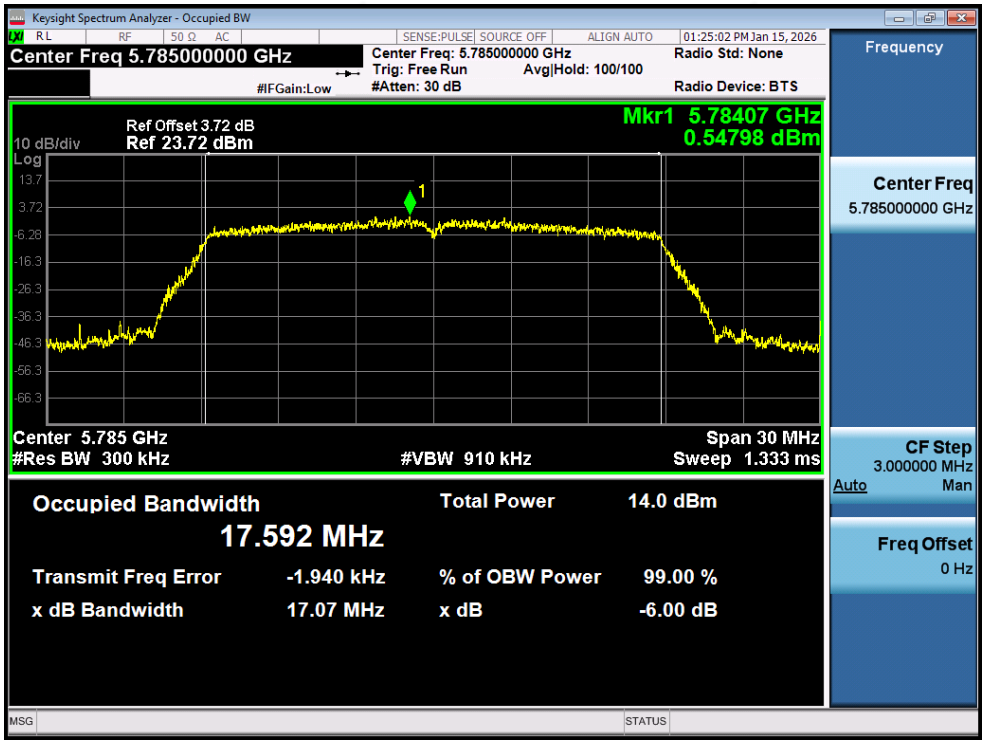
-6dB Bandwidth NVNT n40 5795MHz



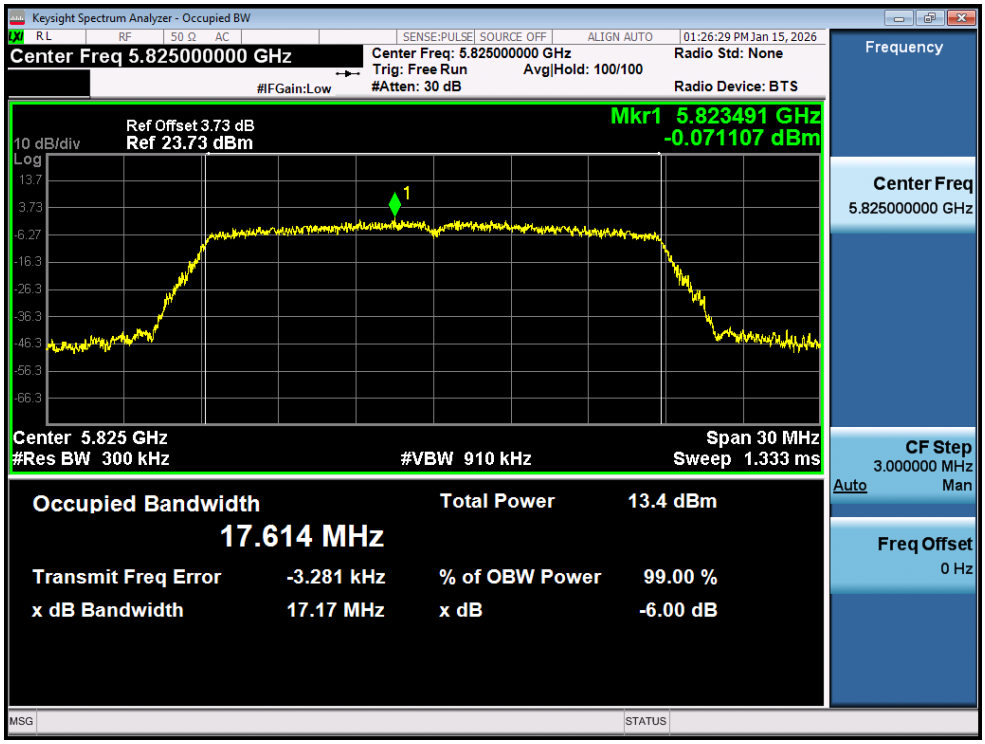
-6dB Bandwidth NVNT ac20 5745MHz



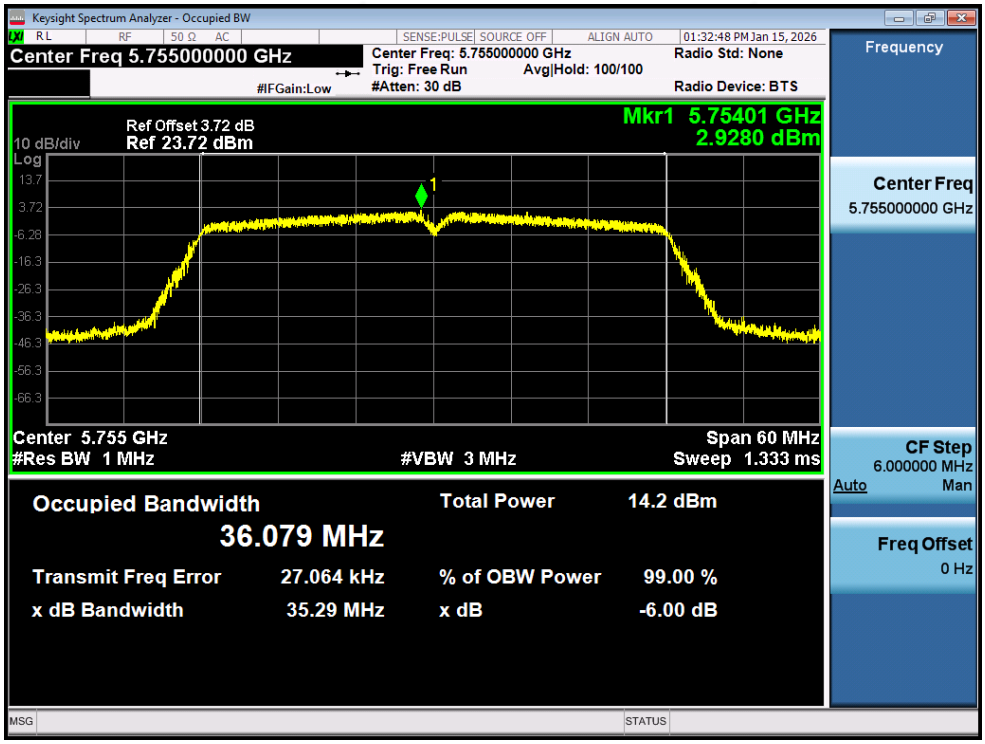
-6dB Bandwidth NVNT ac20 5785MHz



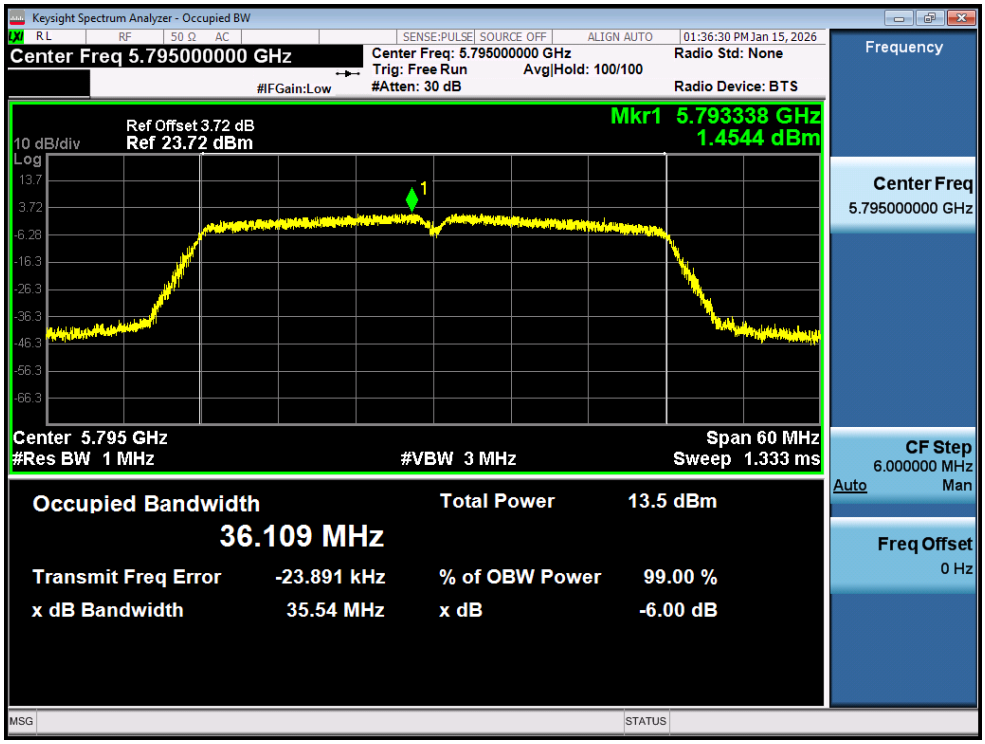
-6dB Bandwidth NVNT ac20 5825MHz



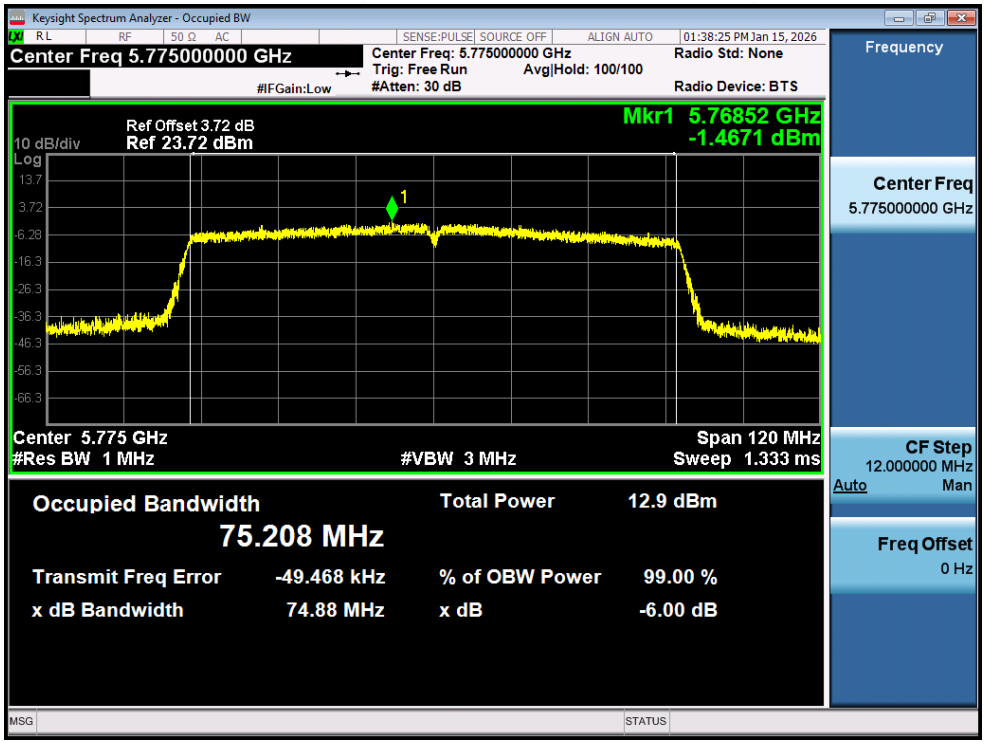
-6dB Bandwidth NVNT ac40 5755MHz



-6dB Bandwidth NVNT ac40 5795MHz



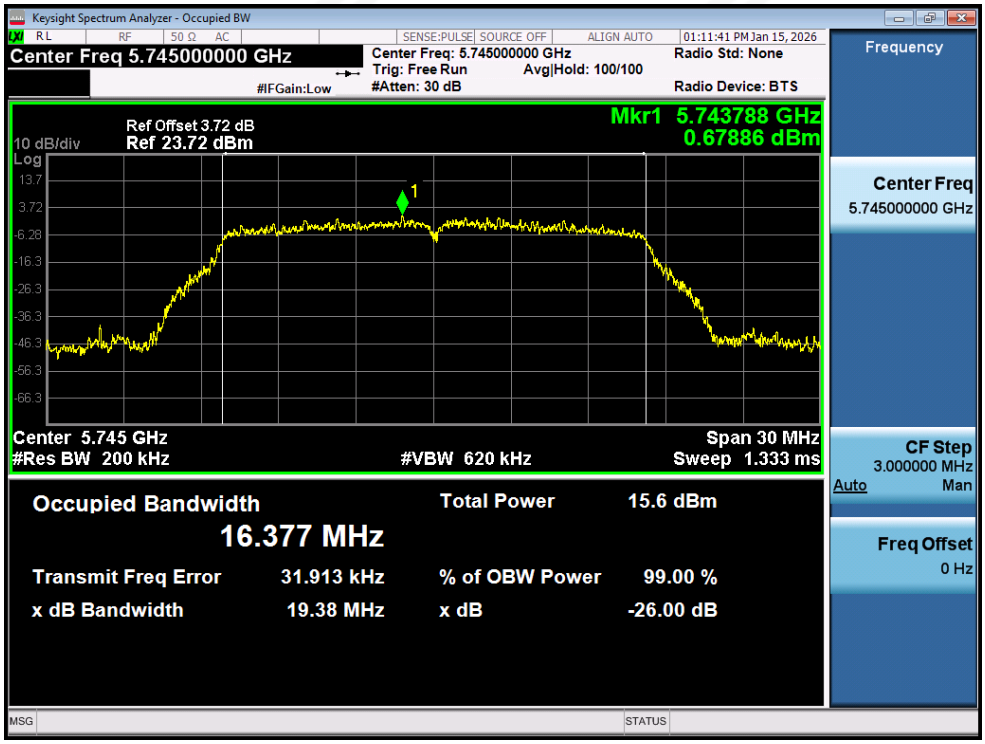
-6dB Bandwidth NVNT ac80 5775MHz



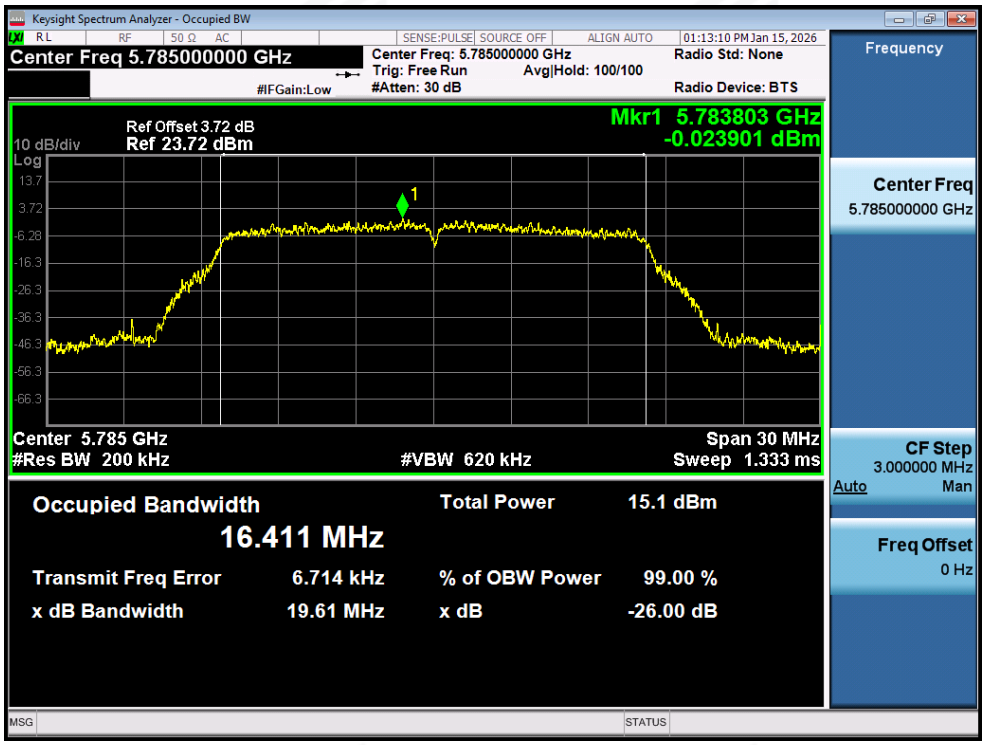
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5745	16.377
NVNT	a	5785	16.411
NVNT	a	5825	16.39
NVNT	n20	5745	17.543
NVNT	n20	5785	17.541
NVNT	n20	5825	17.539
NVNT	n40	5755	35.962
NVNT	n40	5795	35.997
NVNT	ac20	5745	17.53
NVNT	ac20	5785	17.522
NVNT	ac20	5825	17.549
NVNT	ac40	5755	35.992
NVNT	ac40	5795	36.017
NVNT	ac80	5775	75.156

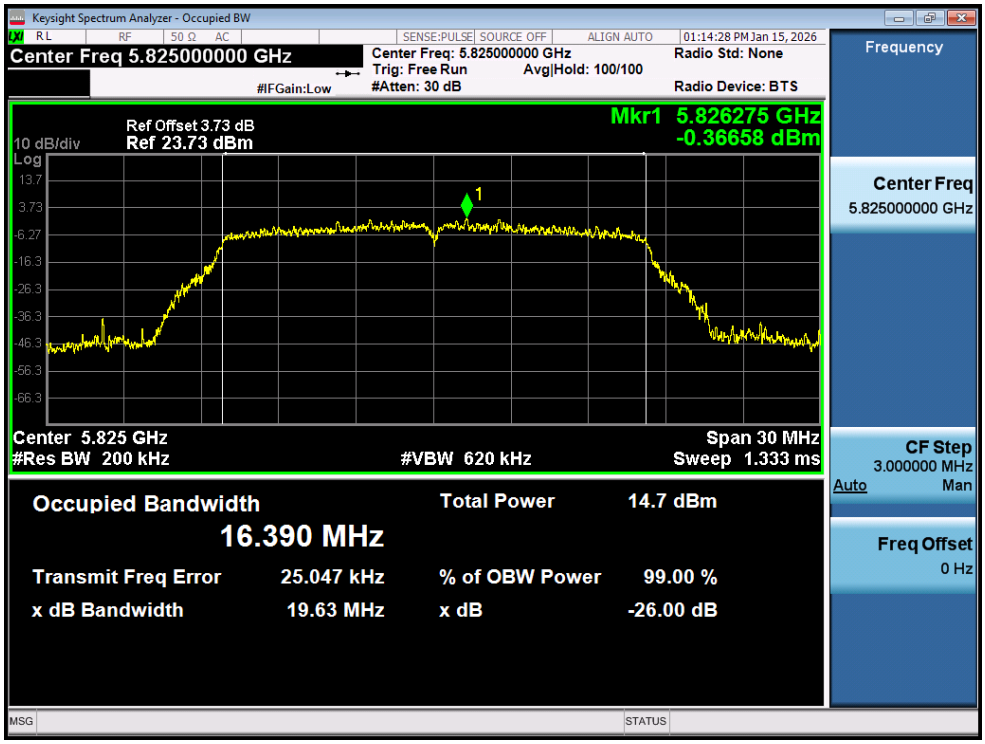
Test Graphs
OBW NVNT a 5745MHz



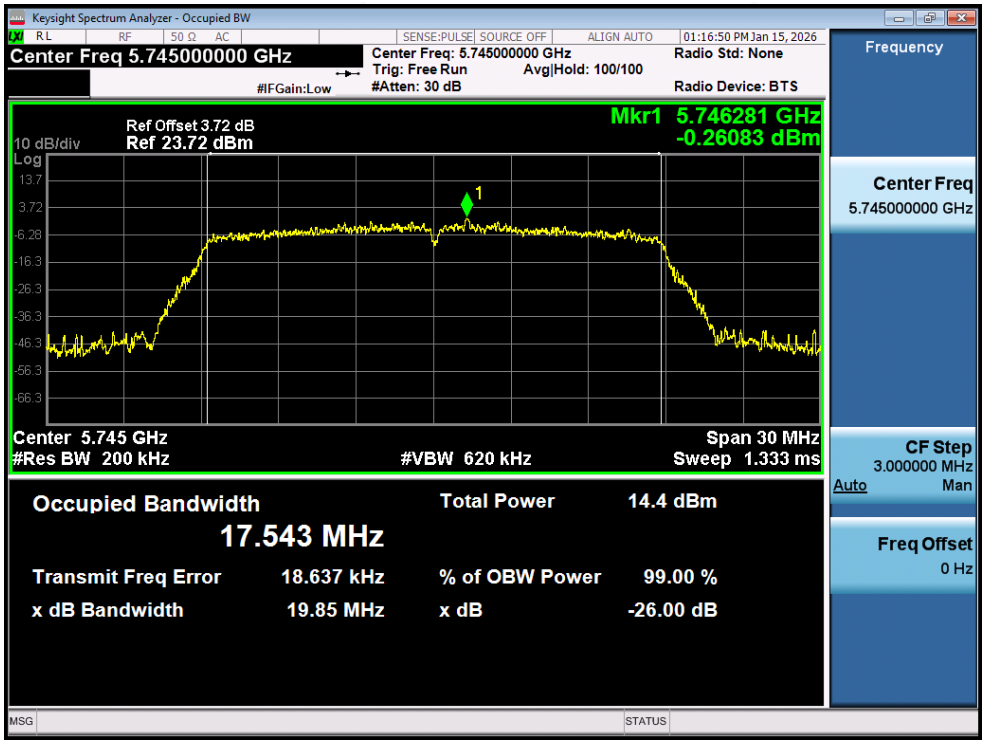
OBW NVNT a 5785MHz



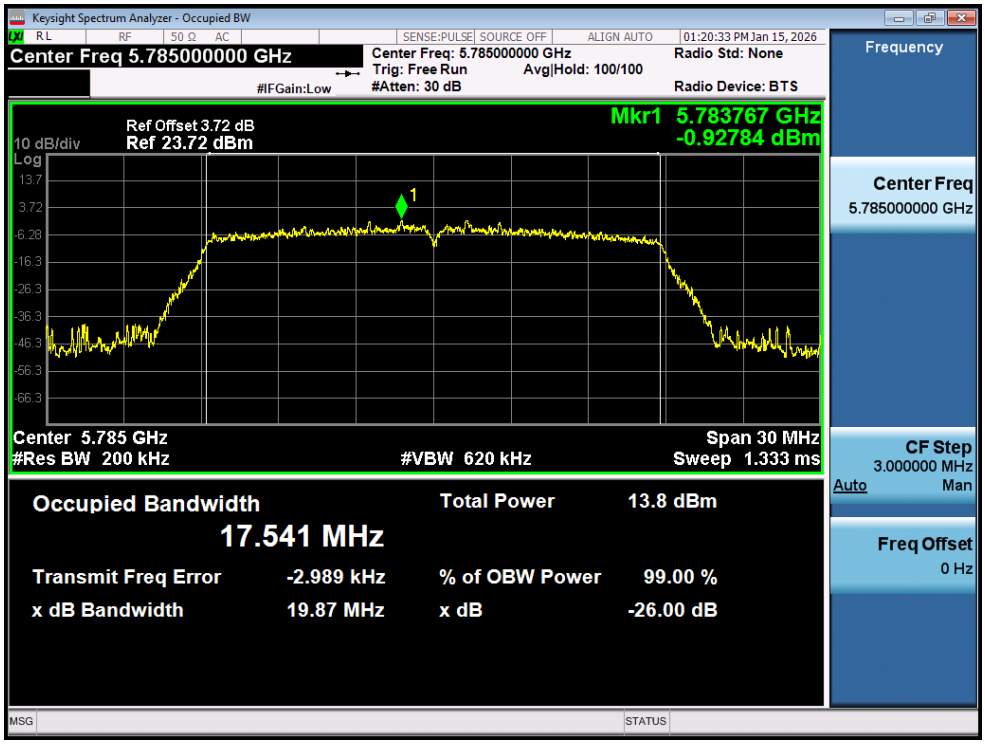
OBW NVNT a 5825MHz



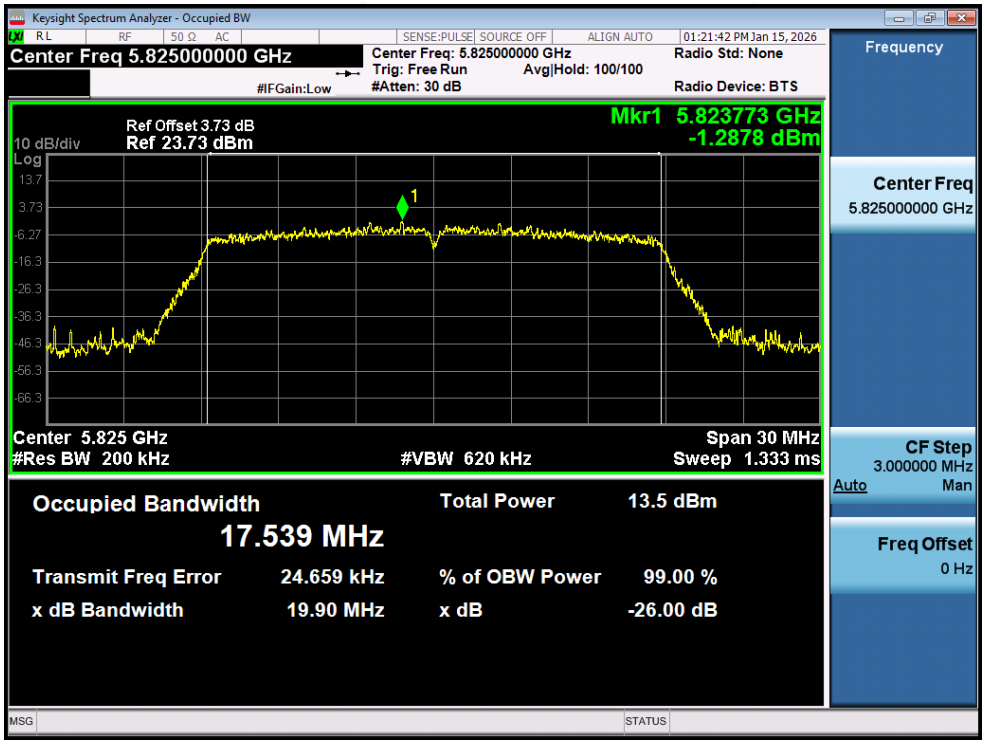
OBW NVNT n20 5745MHz



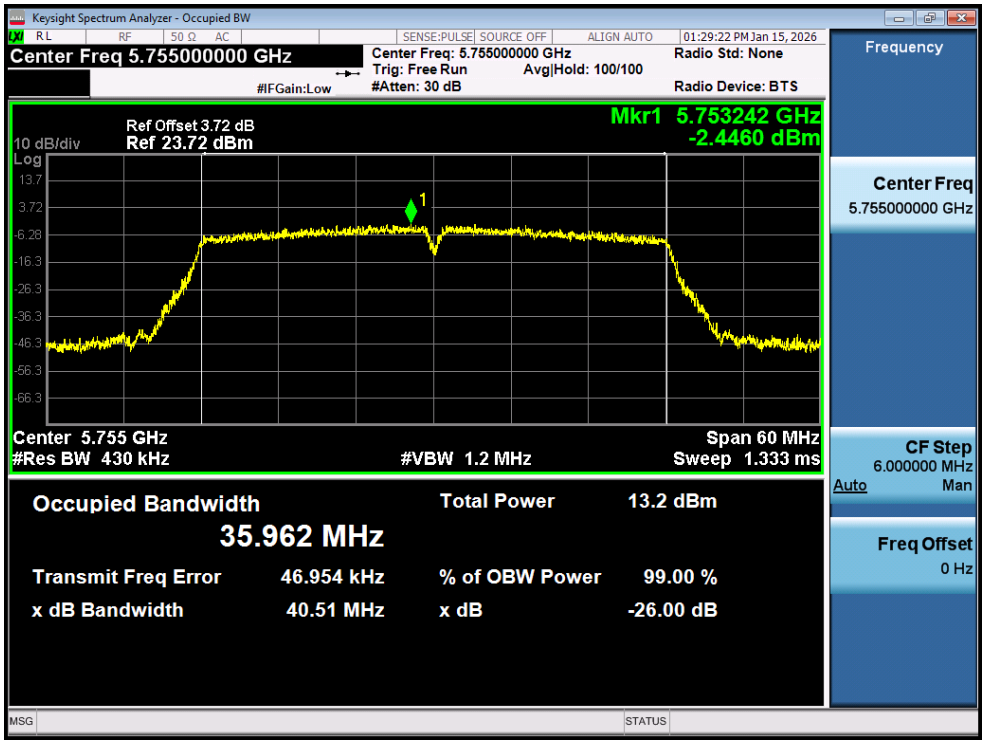
OBW NVNT n20 5785MHz



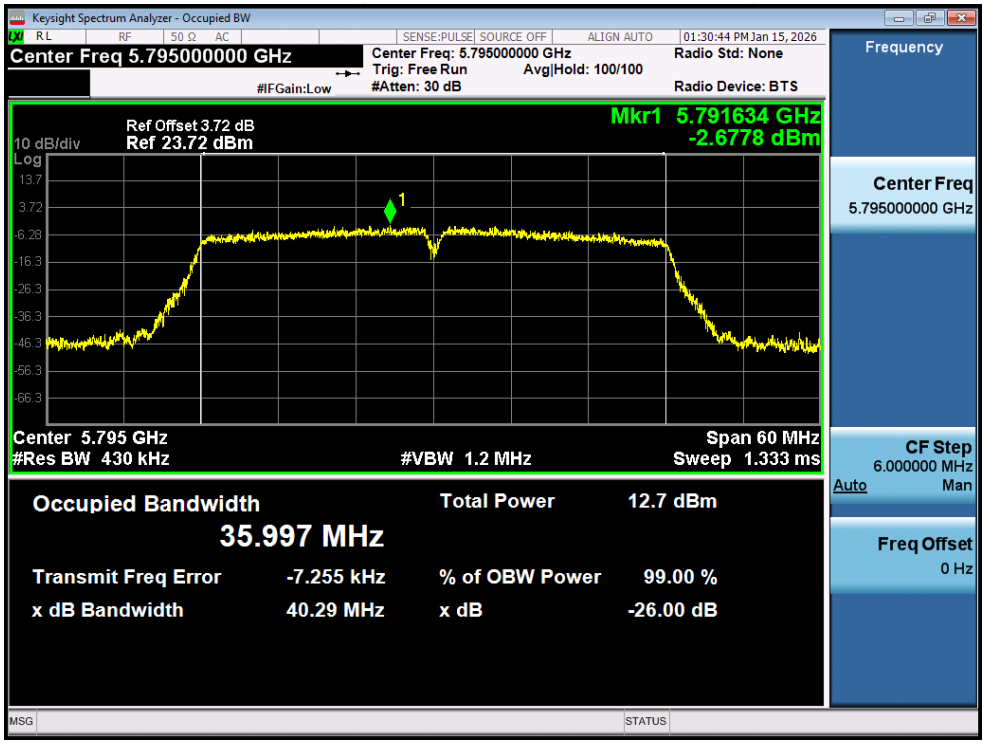
OBW NVNT n20 5825MHz



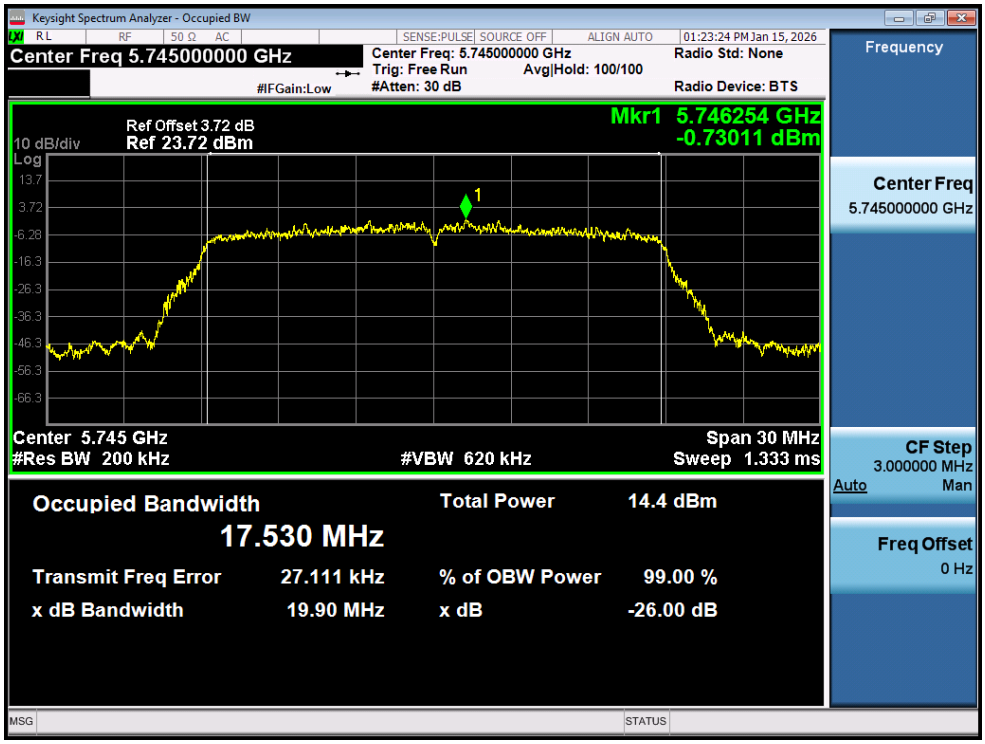
OBW NVNT n40 5755MHz



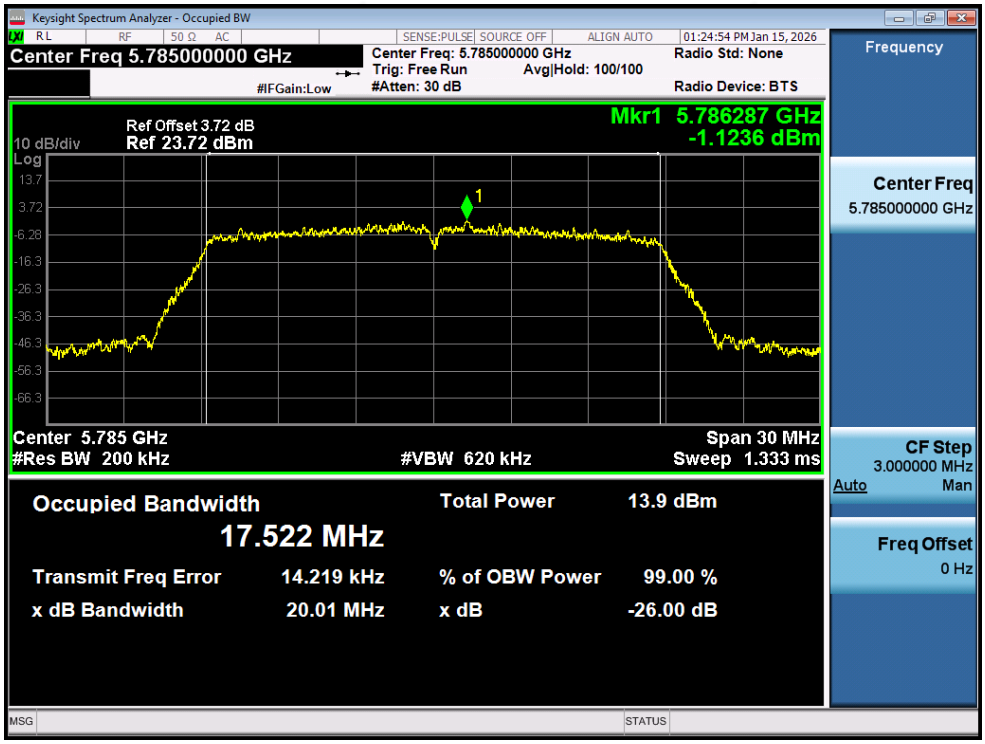
OBW NVNT n40 5795MHz



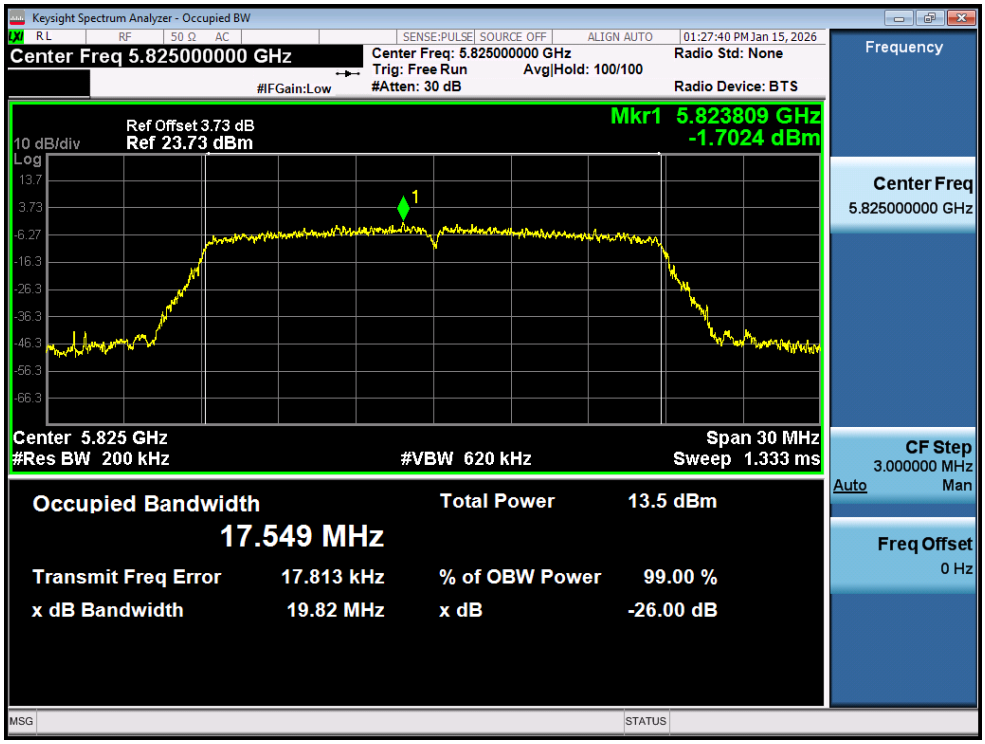
OBW NVNT ac20 5745MHz



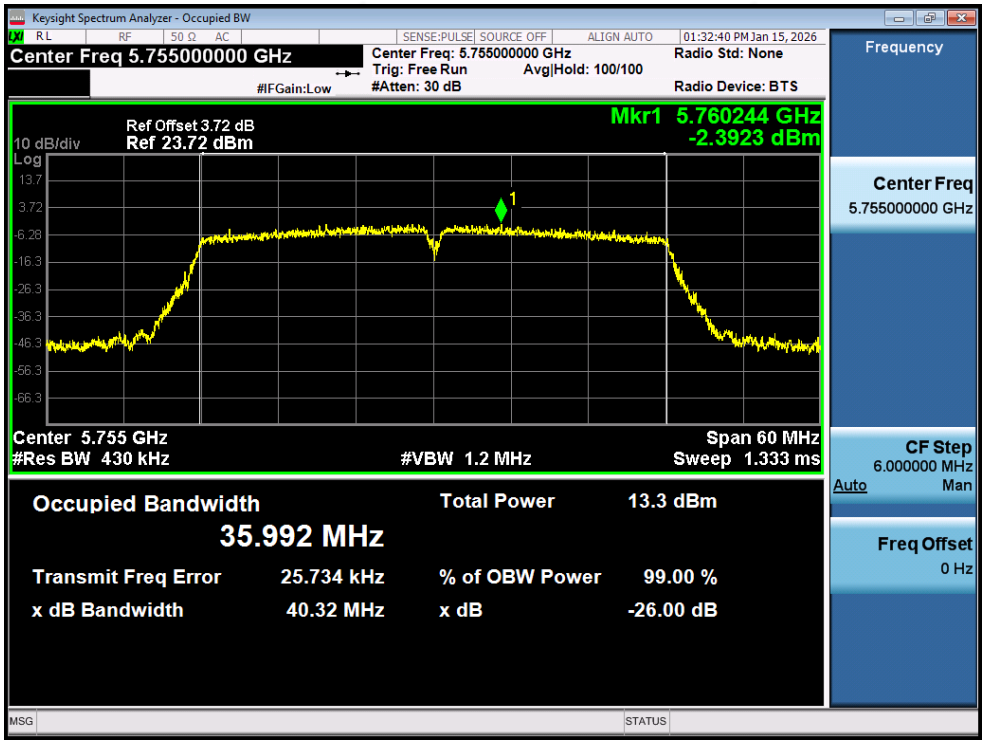
OBW NVNT ac20 5785MHz



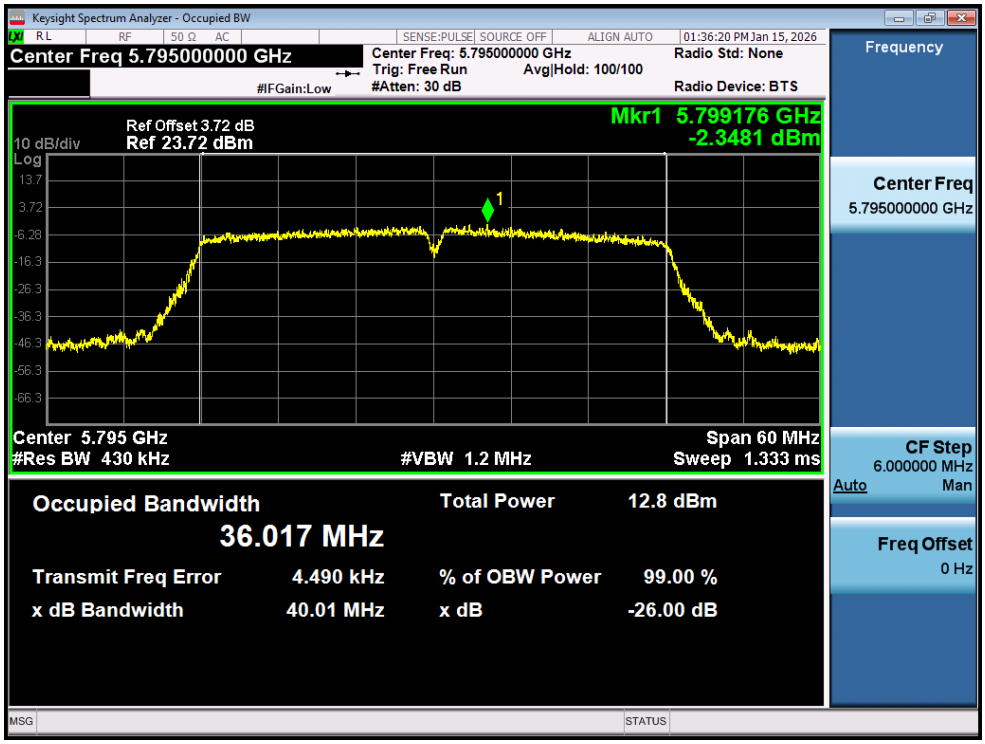
OBW NVNT ac20 5825MHz



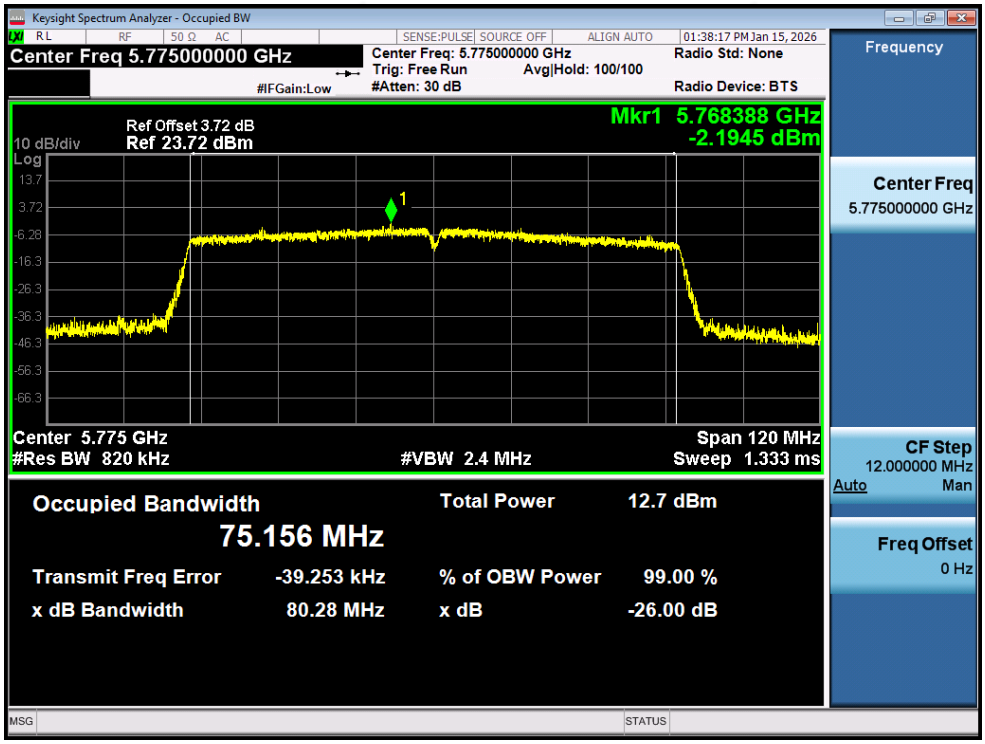
OBW NVNT ac40 5755MHz



OBW NVNT ac40 5795MHz



OBW NVNT ac80 5775MHz



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	-2.63	0	-2.63	30	Pass
NVNT	a	5785	-3.01	0	-3.01	30	Pass
NVNT	a	5825	-3.52	0	-3.52	30	Pass
NVNT	n20	5745	-4.3	0	-4.3	30	Pass
NVNT	n20	5785	-4.11	0	-4.11	30	Pass
NVNT	n20	5825	-4.99	0	-4.99	30	Pass
NVNT	n40	5755	-8.46	0	-8.46	30	Pass
NVNT	n40	5795	-8.82	0	-8.82	30	Pass
NVNT	ac20	5745	-3.98	0	-3.98	30	Pass
NVNT	ac20	5785	-4.09	0	-4.09	30	Pass
NVNT	ac20	5825	-4.94	0	-4.94	30	Pass
NVNT	ac40	5755	-8.19	0	-8.19	30	Pass
NVNT	ac40	5795	-8.92	0	-8.92	30	Pass
NVNT	ac80	5775	-12.62	0	-12.62	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

PSD NVNT ac20 5745MHz

PSD NVNT ac20 5785MHz

PSD NVNT ac20 5825MHz

PSD NVNT ac40 5755MHz

PSD NVNT ac40 5795MHz

PSD NVNT ac80 5775MHz

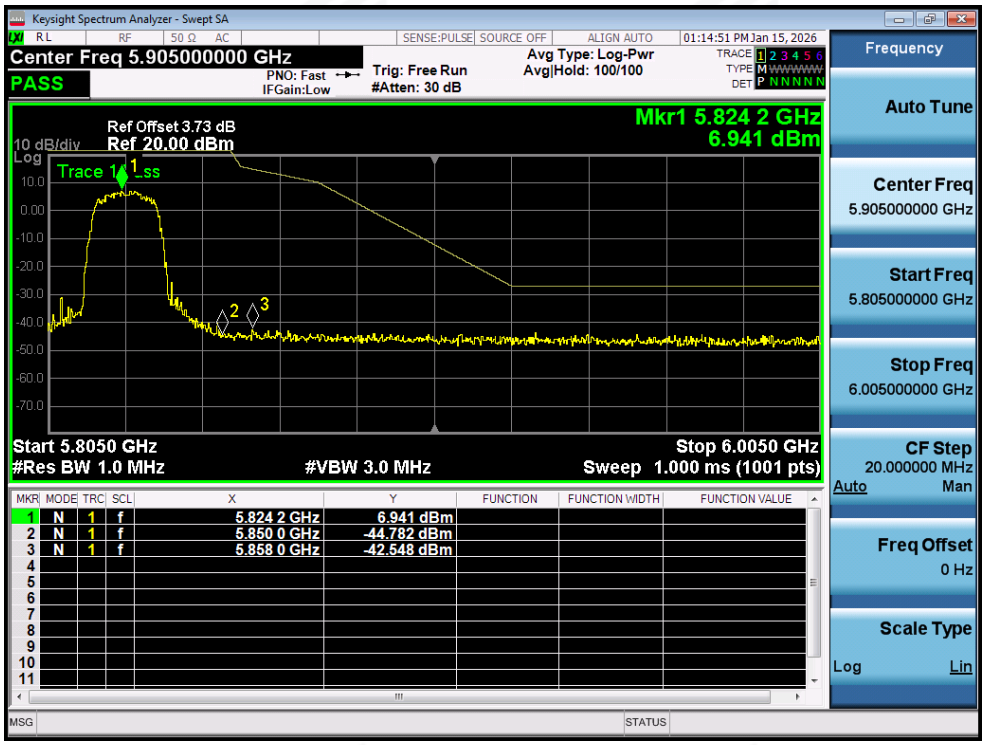
Band Edge

Condition	Mode	Frequency (MHz)	Max Value (dBm)	Verdict
NVNT	a	5745	-39.59	Pass
NVNT	a	5825	-42.54	Pass
NVNT	n20	5745	-34.96	Pass
NVNT	n20	5825	-41.82	Pass
NVNT	n40	5755	-40.68	Pass
NVNT	n40	5795	-42.06	Pass
NVNT	ac20	5745	-41.41	Pass
NVNT	ac20	5825	-42.64	Pass
NVNT	ac40	5755	-40.4	Pass
NVNT	ac40	5795	-42.76	Pass
NVNT	ac80	5775	-41.41	Pass
NVNT	ac80	5775	-35.76	Pass

Test Graphs

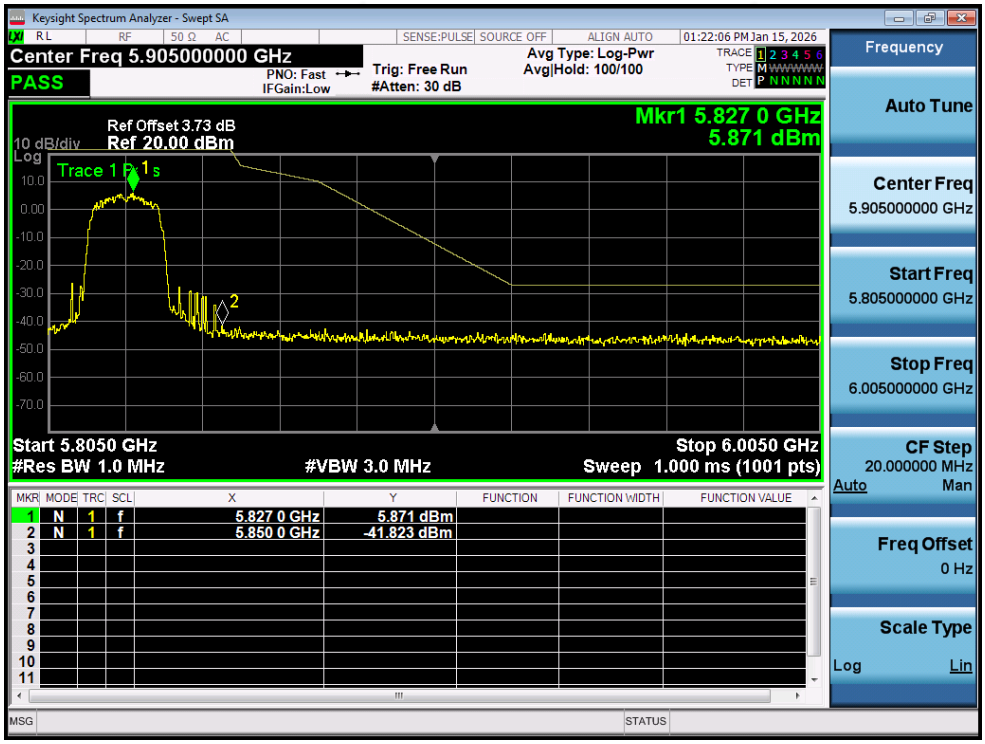
Band Edge NVNT a 5745MHz Low

Band Edge NVNT a 5825MHz High

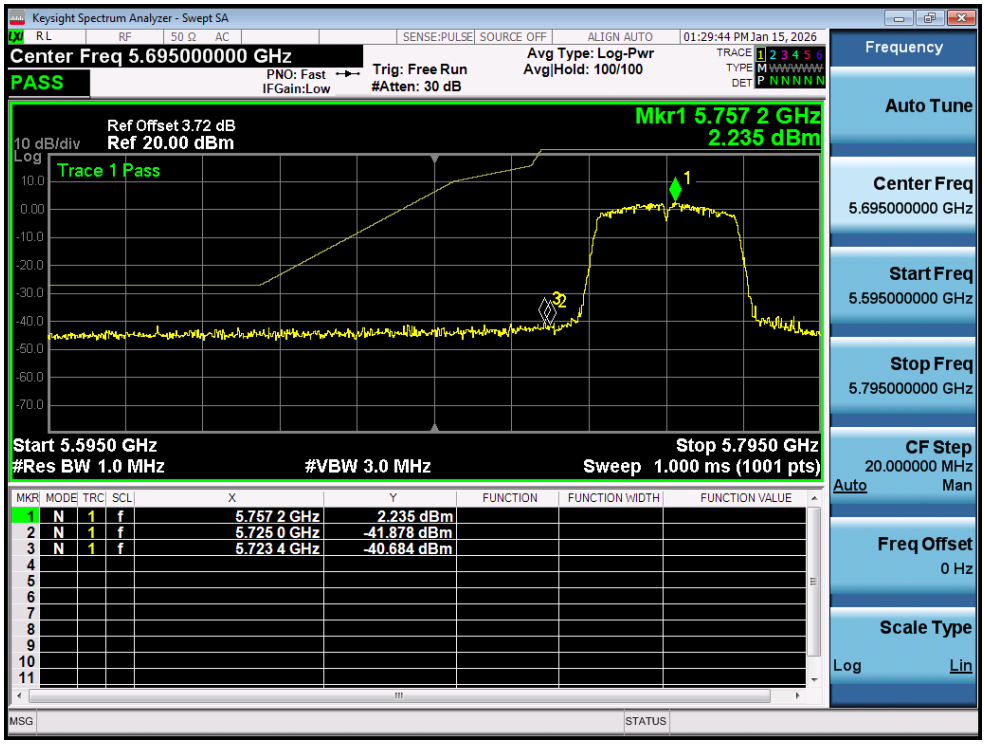


Band Edge NVNT n20 5745MHz Low

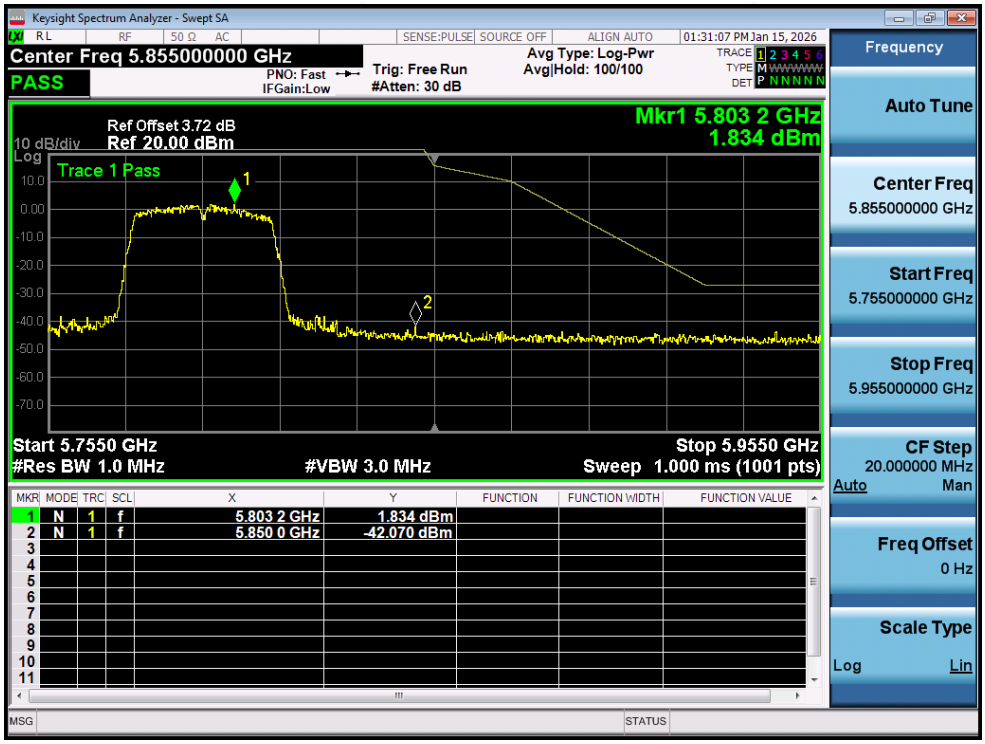
Band Edge NVNT n20 5825MHz High



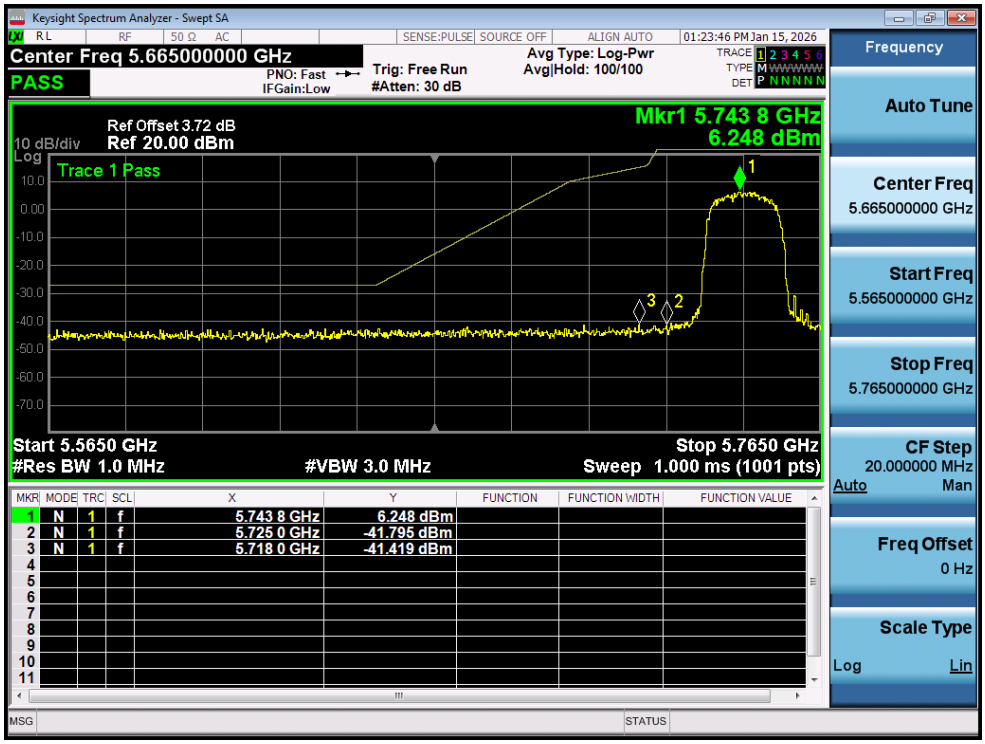
Band Edge NVNT n40 5755MHz Low



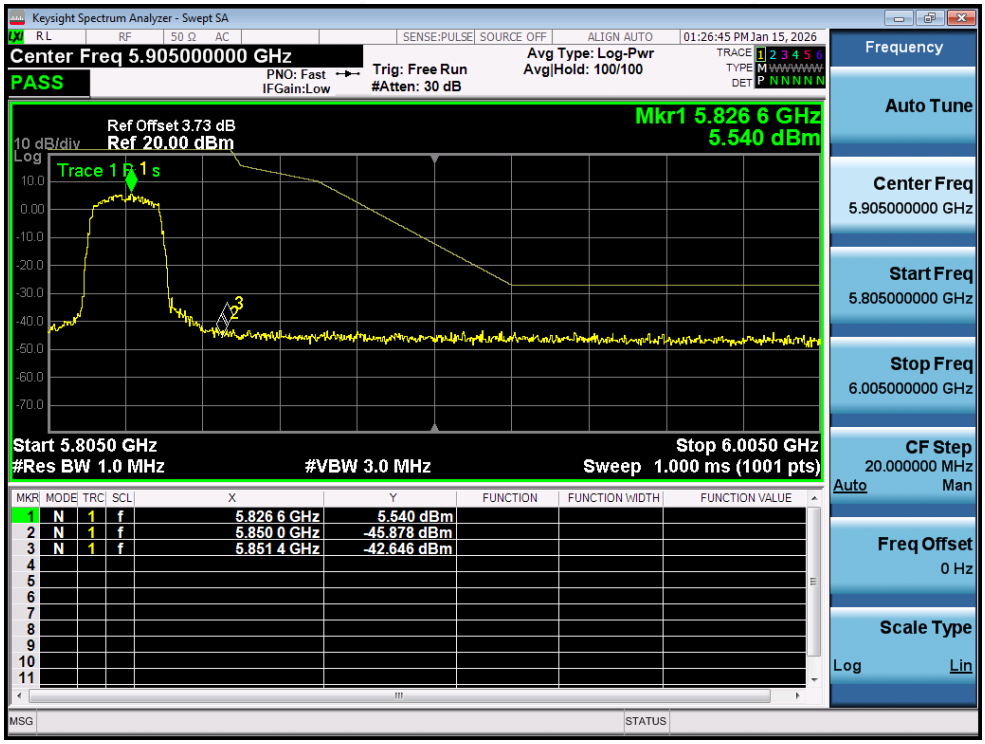
Band Edge NVNT n40 5795MHz High



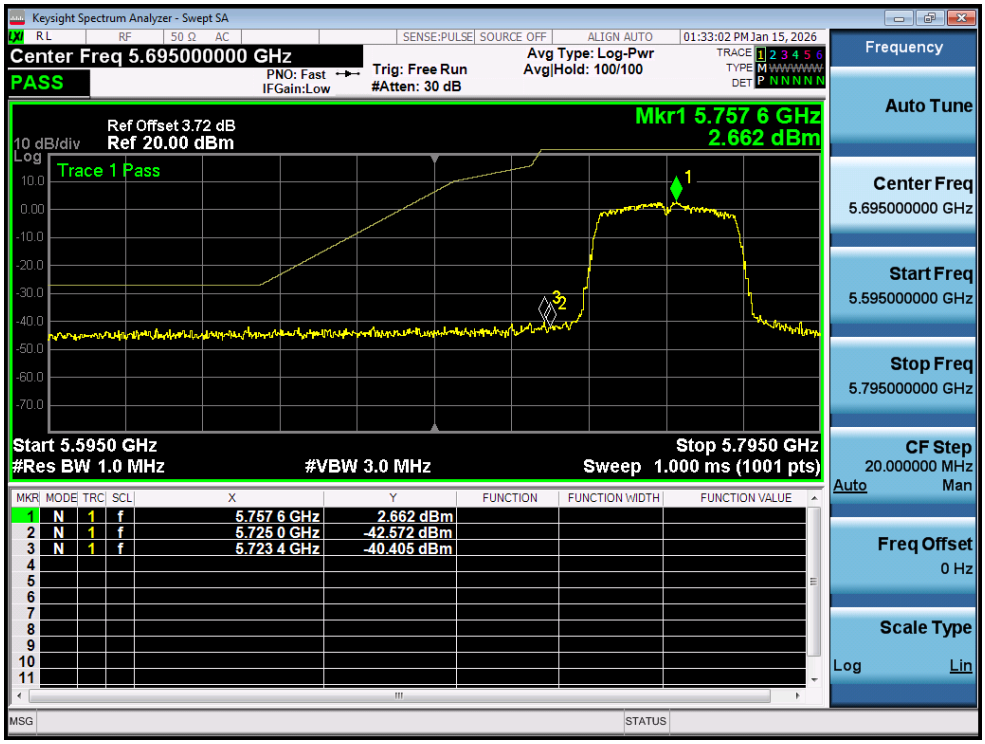
Band Edge NVNT ac20 5745MHz Low



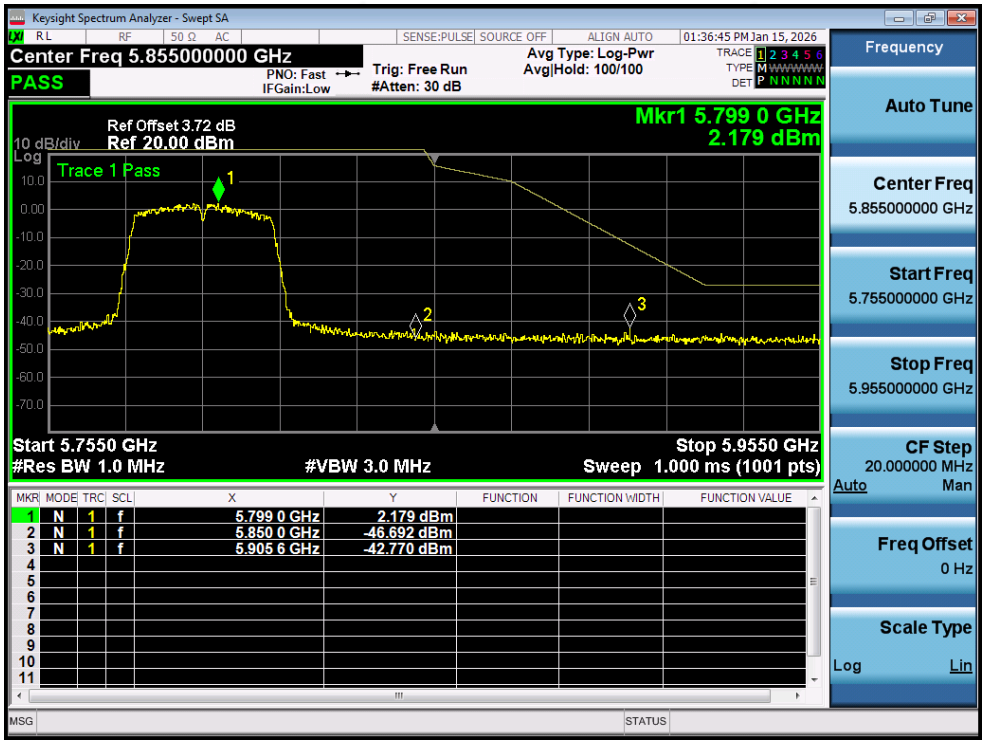
Band Edge NVNT ac20 5825MHz High



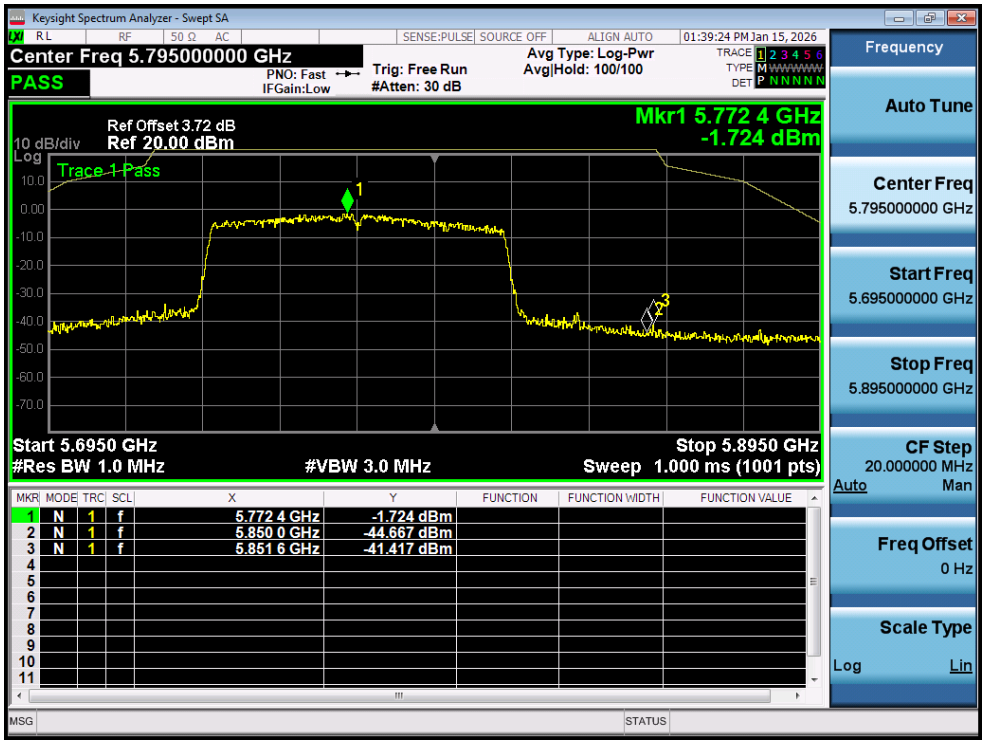
Band Edge NVNT ac40 5755MHz Low



Band Edge NVNT ac40 5795MHz High



Band Edge NVNT ac80 5775MHz High

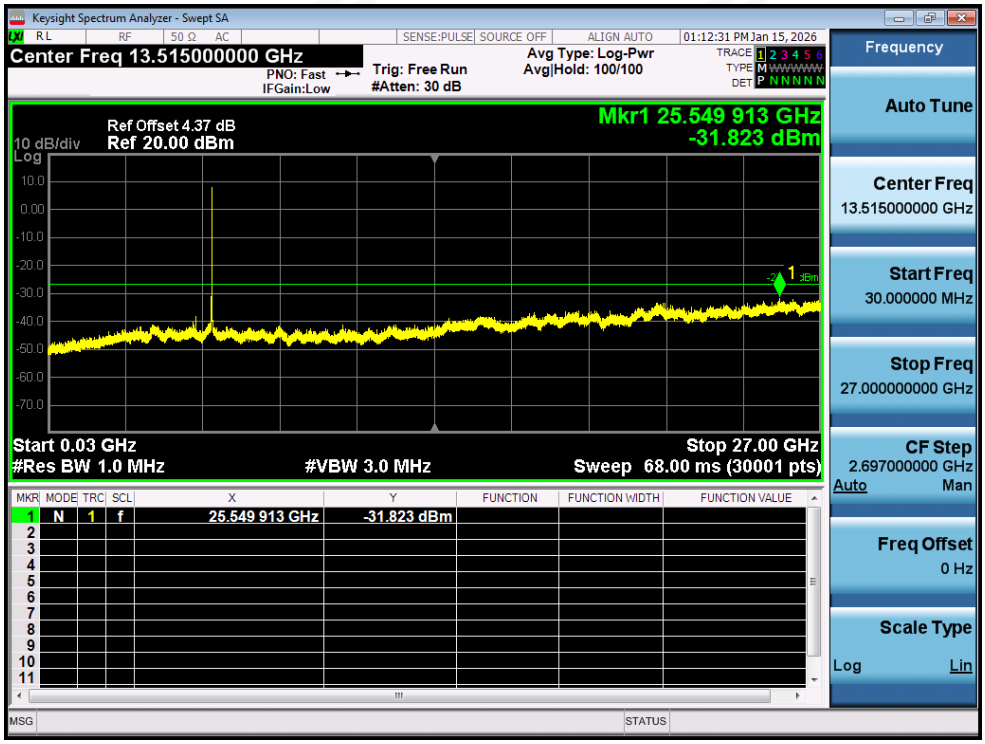


Band Edge NVNT ac80 5775MHz Low

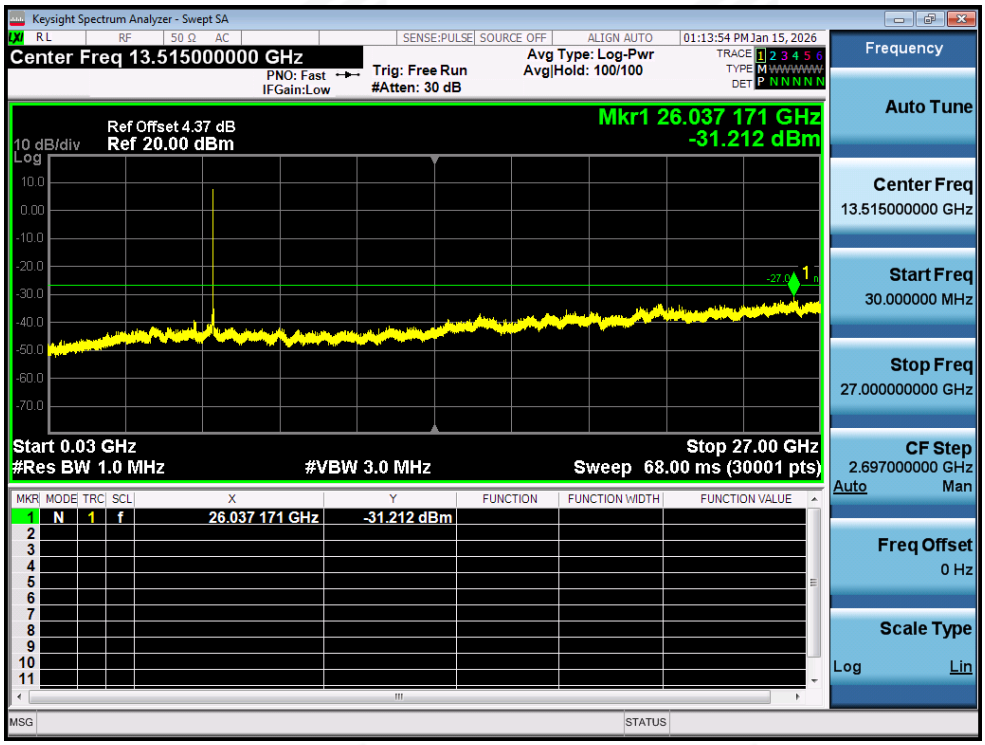
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	-31.82	-27	Pass
NVNT	a	5785	-31.21	-27	Pass
NVNT	a	5825	-31.89	-27	Pass
NVNT	n20	5745	-32.21	-27	Pass
NVNT	n20	5785	-31.66	-27	Pass
NVNT	n20	5825	-31.92	-27	Pass
NVNT	n40	5755	-31.84	-27	Pass
NVNT	n40	5795	-32.46	-27	Pass
NVNT	ac20	5745	-32.36	-27	Pass
NVNT	ac20	5785	-31.66	-27	Pass
NVNT	ac20	5825	-32.05	-27	Pass
NVNT	ac40	5755	-31.66	-27	Pass
NVNT	ac40	5795	-32.26	-27	Pass
NVNT	ac80	5775	-31.65	-27	Pass

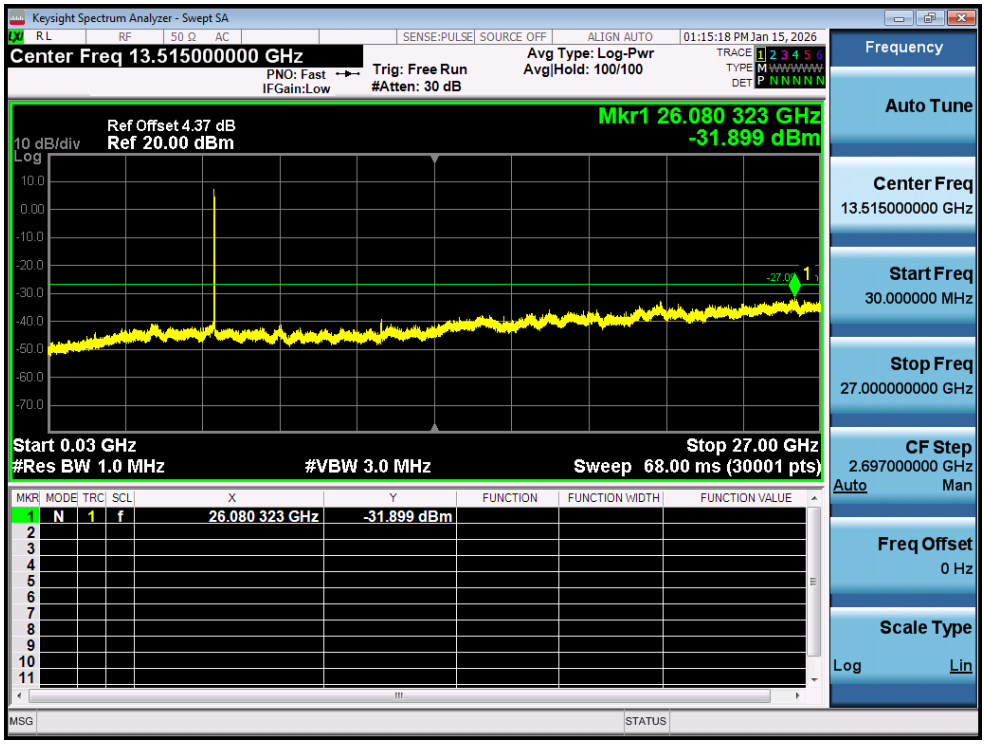
Test Graphs
Tx. Spurious NVNT a 5745MHz Emission



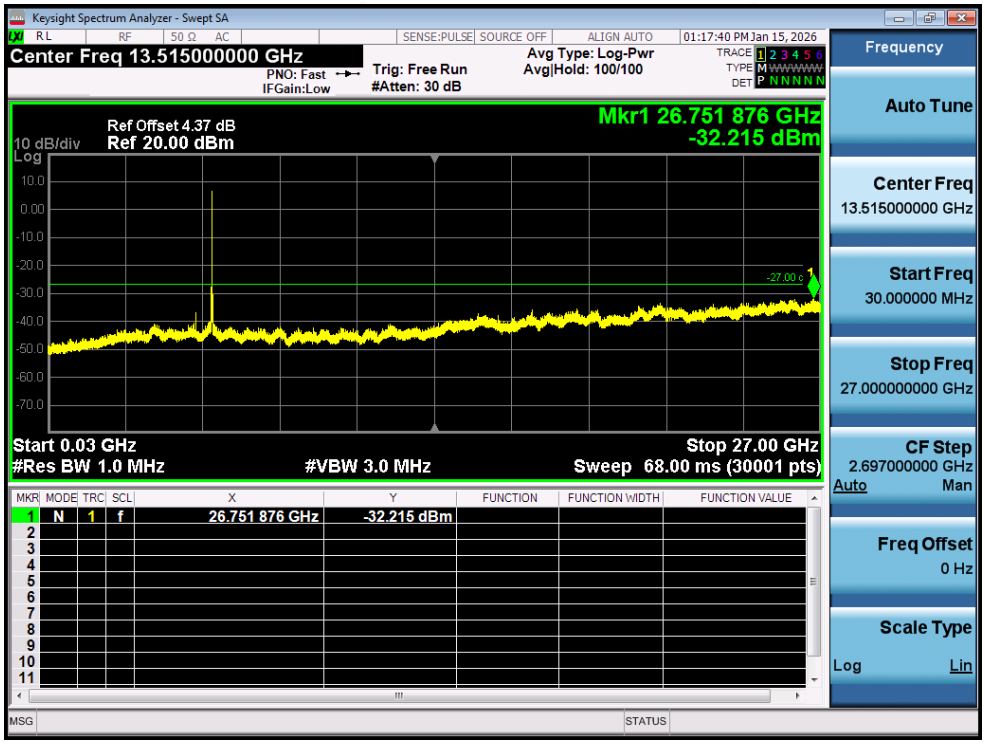
Tx. Spurious NVNT a 5785MHz Emission



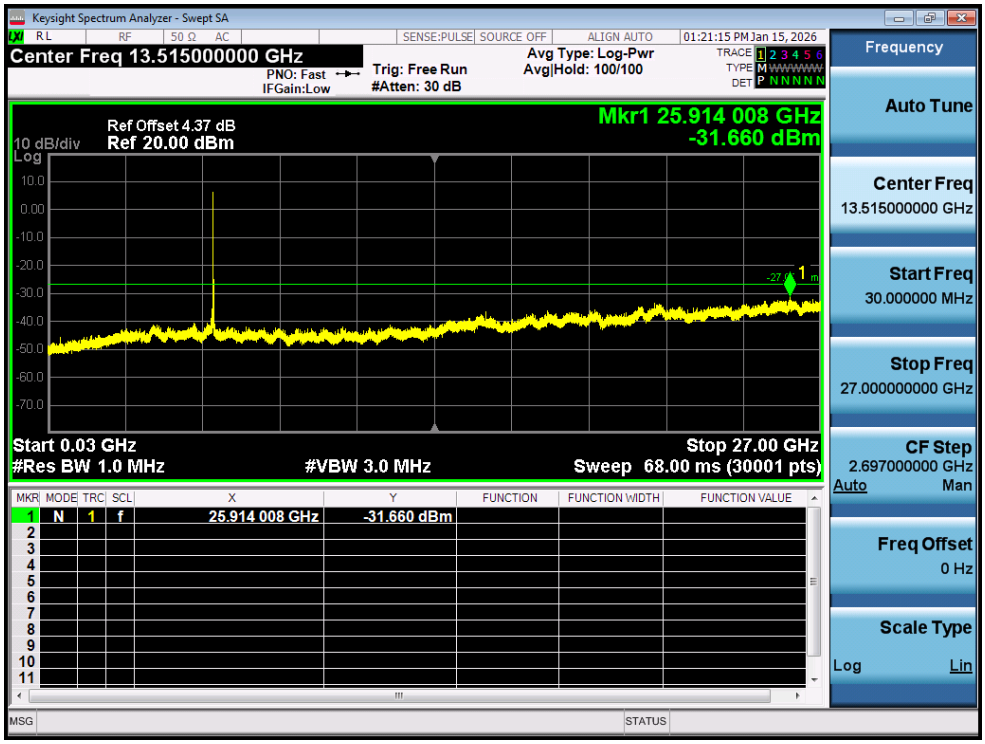
Tx. Spurious NVNT a 5825MHz Emission



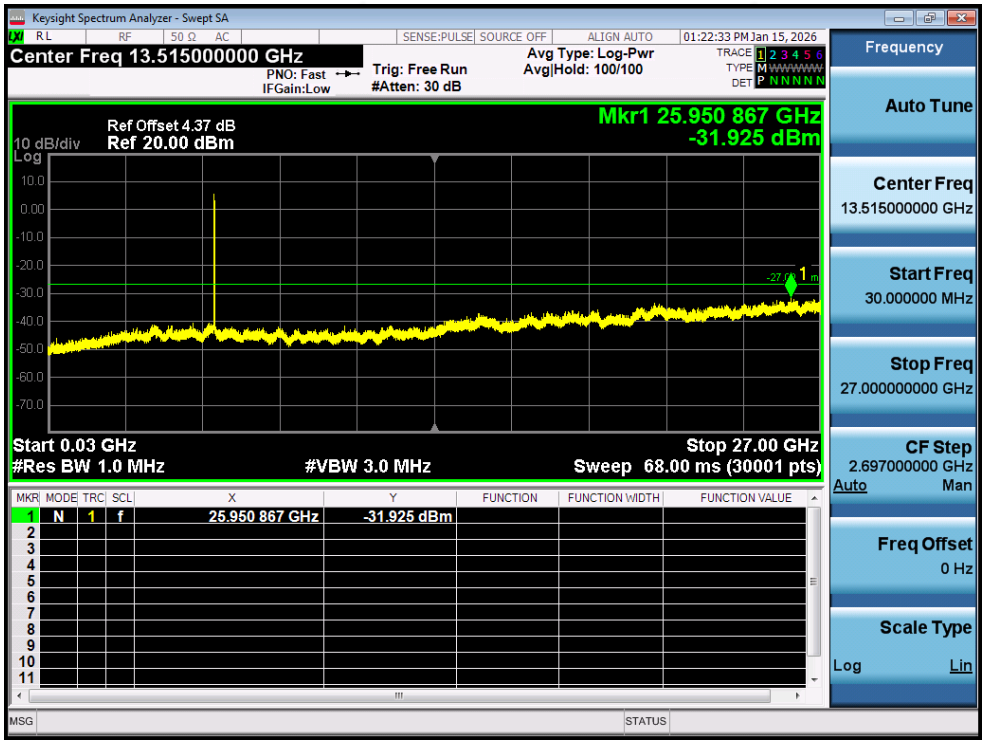
Tx. Spurious NVNT n20 5745MHz Emission



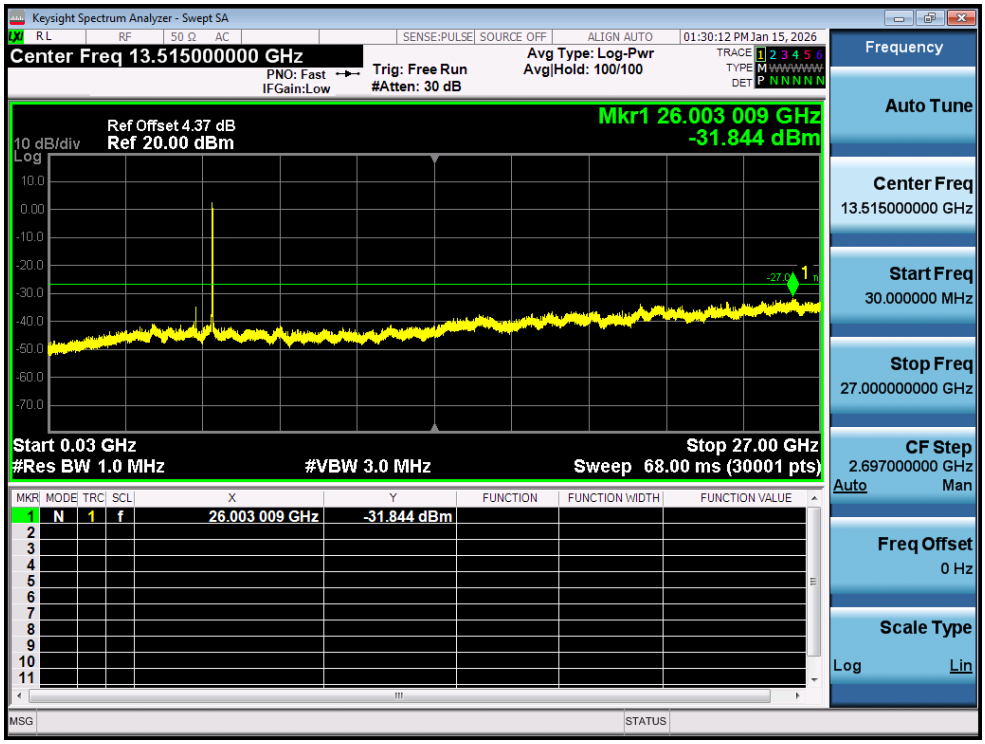
Tx. Spurious NVNT n20 5785MHz Emission



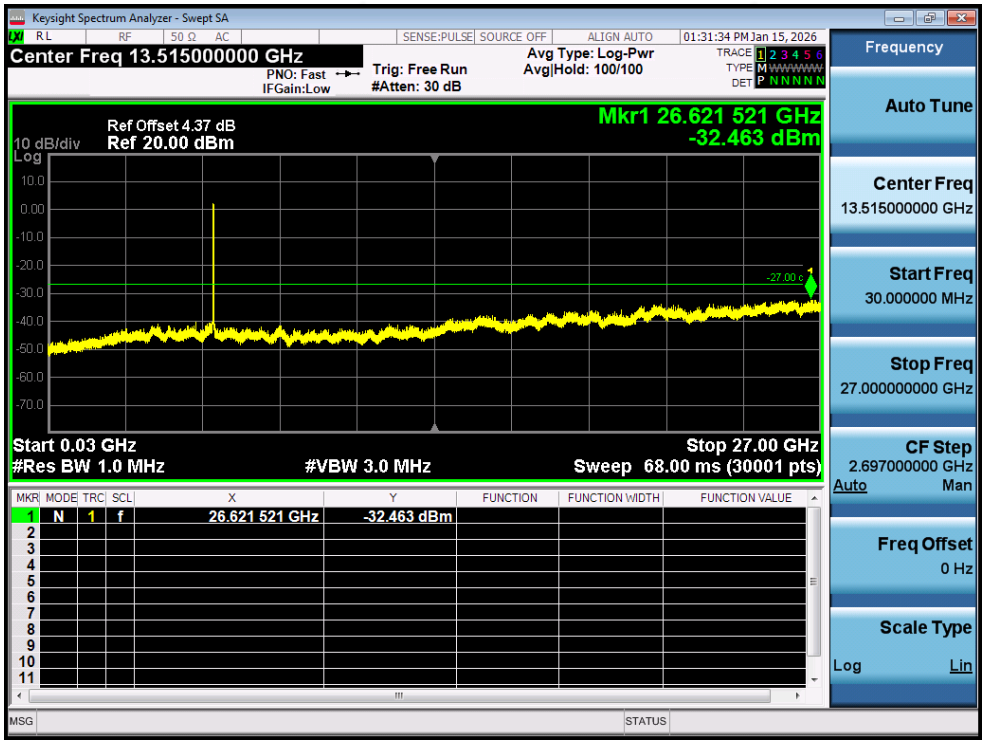
Tx. Spurious NVNT n20 5825MHz Emission



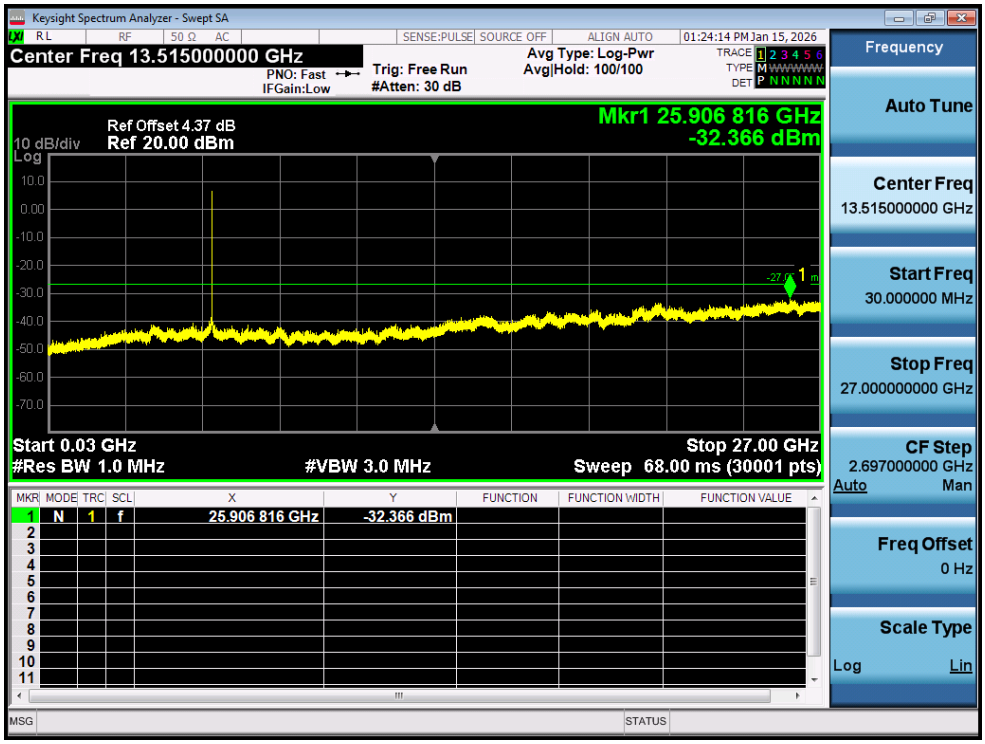
Tx. Spurious NVNT n40 5755MHz Emission



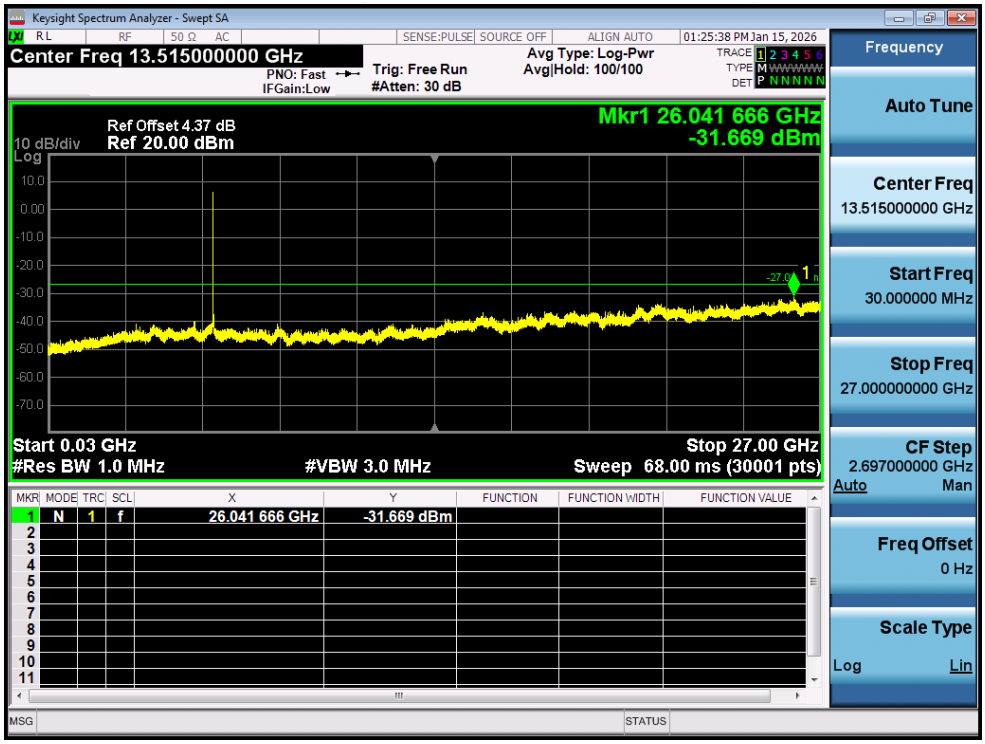
Tx. Spurious NVNT n40 5795MHz Emission



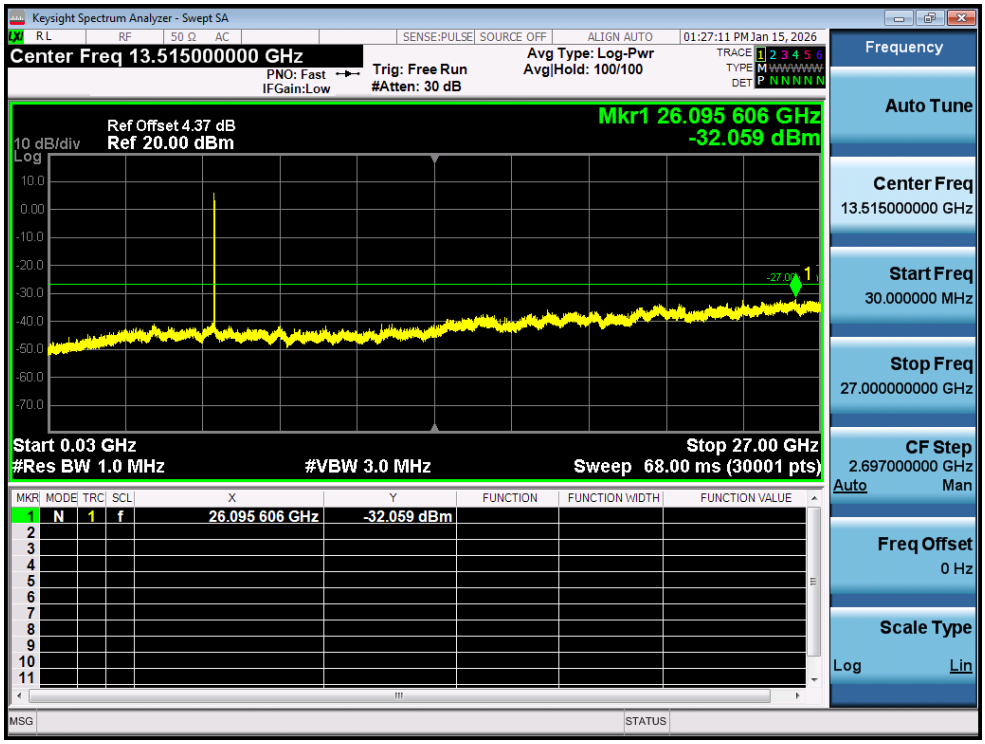
Tx. Spurious NVNT ac20 5745MHz Emission



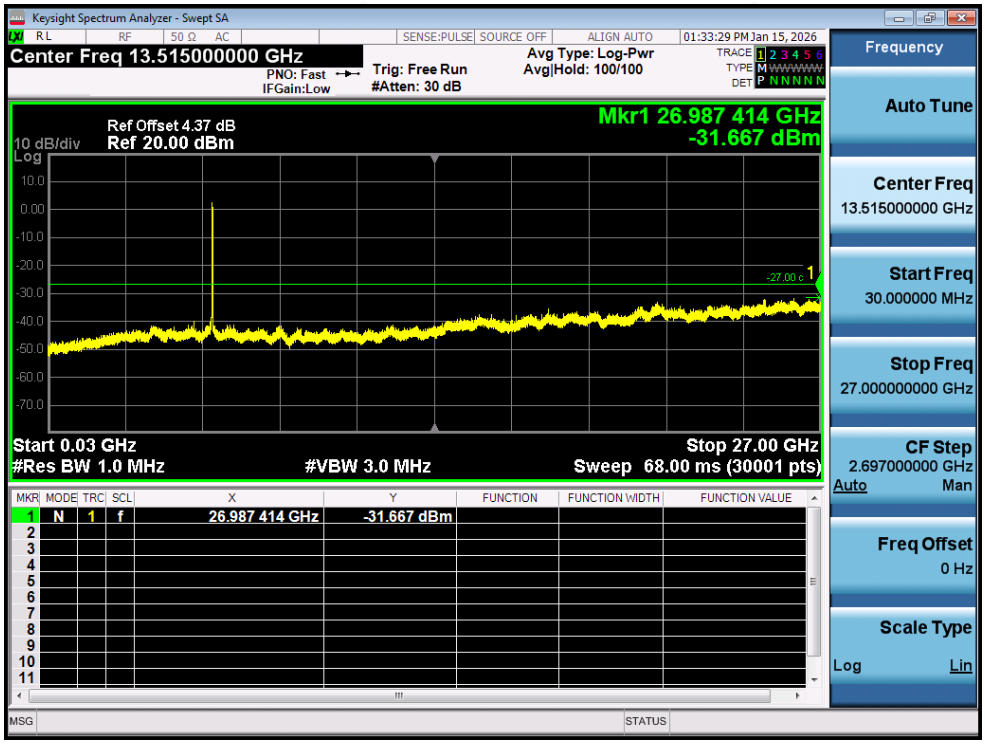
Tx. Spurious NVNT ac20 5785MHz Emission



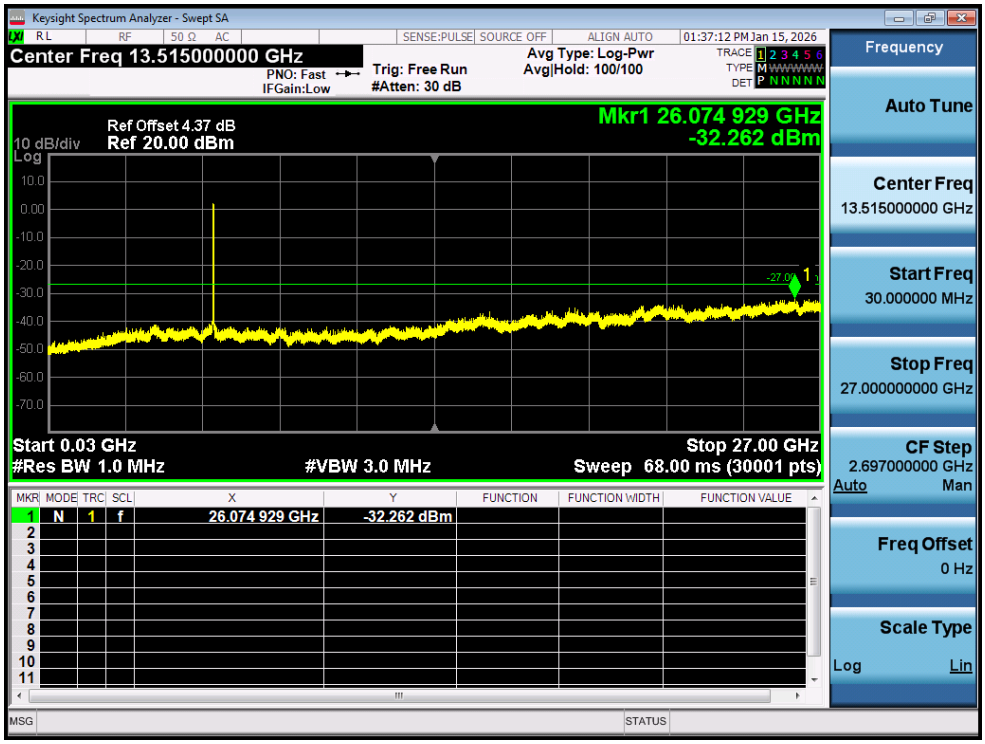
Tx. Spurious NVNT ac20 5825MHz Emission



Tx. Spurious NVNT ac40 5755MHz Emission



Tx. Spurious NVNT ac40 5795MHz Emission



Tx. Spurious NVNT ac80 5775MHz Emission