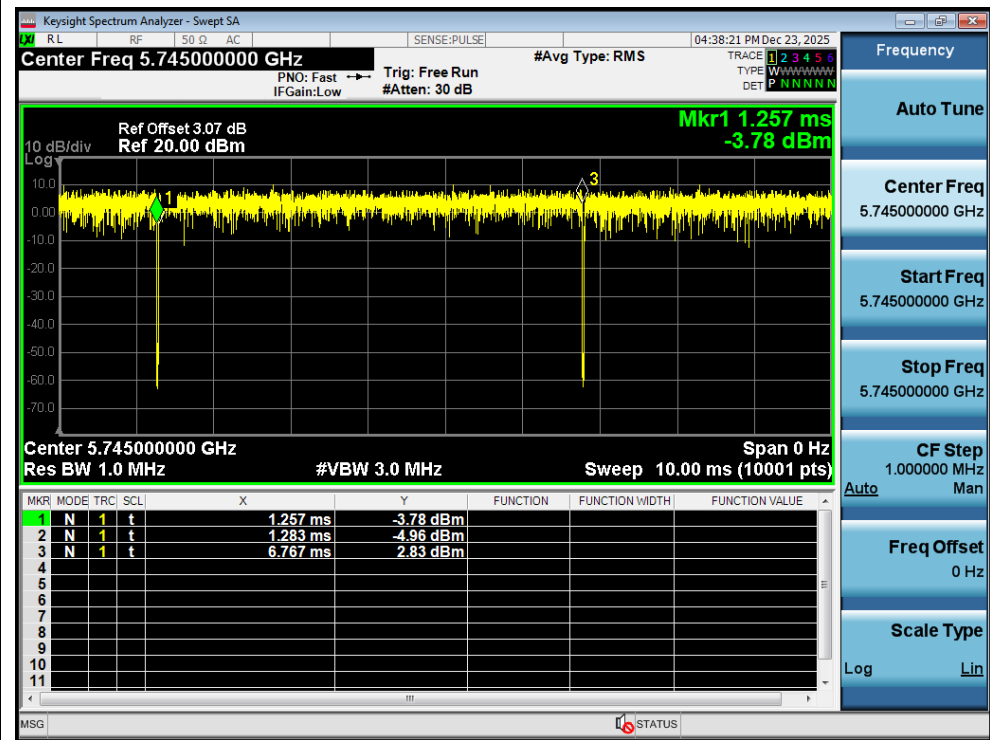


Duty Cycle

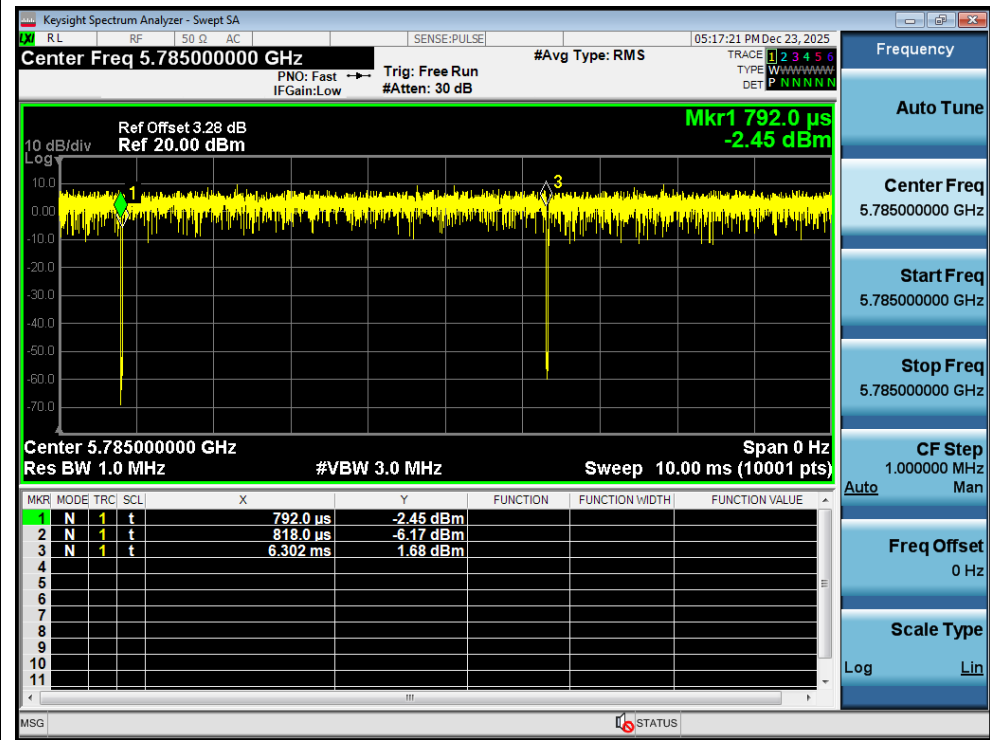
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	99.53	0	0.18
NVNT	a	5785	Ant1	99.53	0	0.18
NVNT	a	5825	Ant1	99.55	0	0.18
NVNT	n20	5745	Ant1	99.49	0	0.2
NVNT	n20	5785	Ant1	99.49	0	0.2
NVNT	n20	5825	Ant1	99.49	0	0.2
NVNT	n40	5755	Ant1	98.8	0	0.4
NVNT	n40	5795	Ant1	98.8	0	0.41
NVNT	ac20	5745	Ant1	99.49	0	0.2
NVNT	ac20	5785	Ant1	99.49	0	0.2
NVNT	ac20	5825	Ant1	99.51	0	0.2
NVNT	ax20	5745	Ant1	99.33	0	0.26
NVNT	ax20	5785	Ant1	99.36	0	0.26
NVNT	ax20	5825	Ant1	99.33	0	0.26

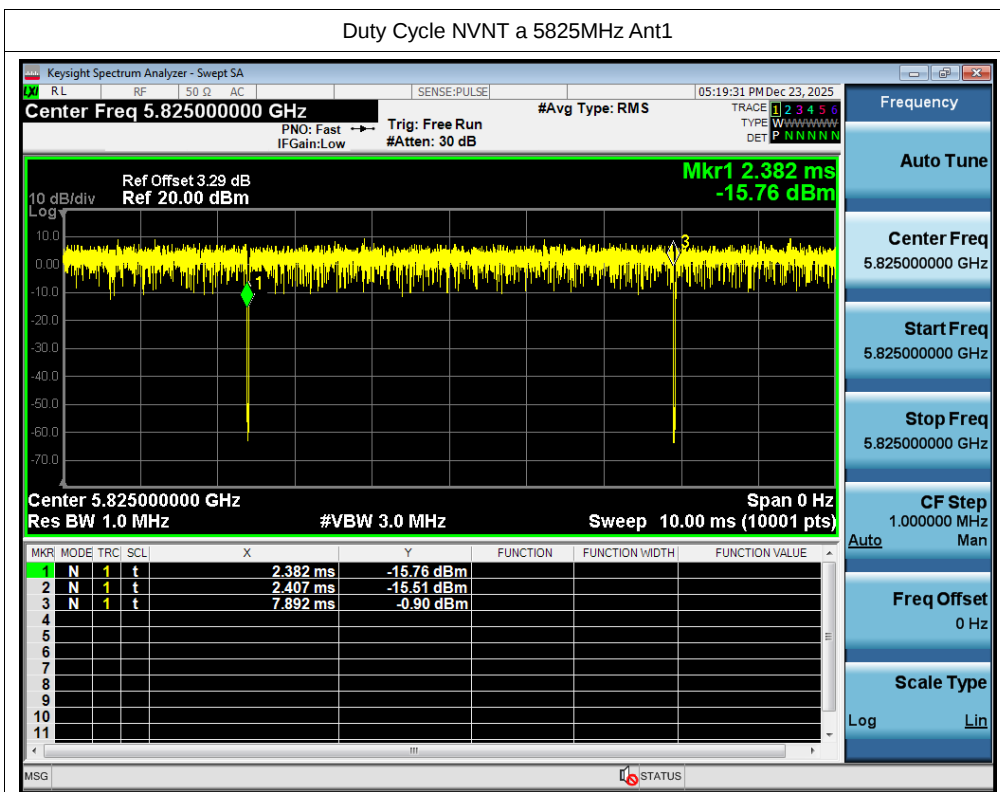
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

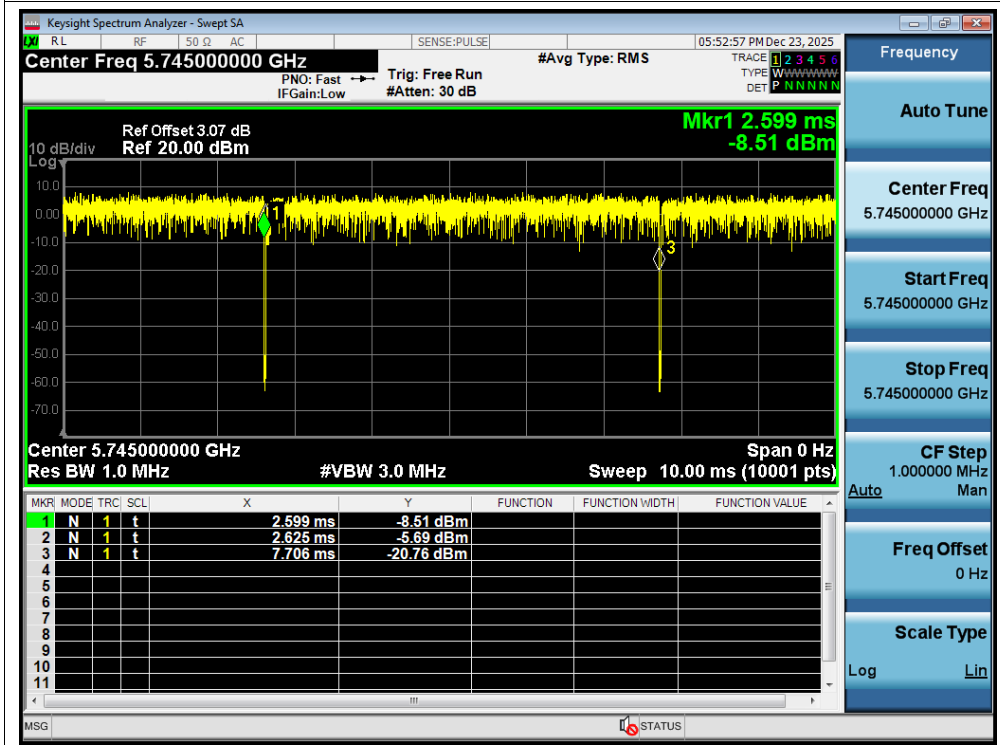


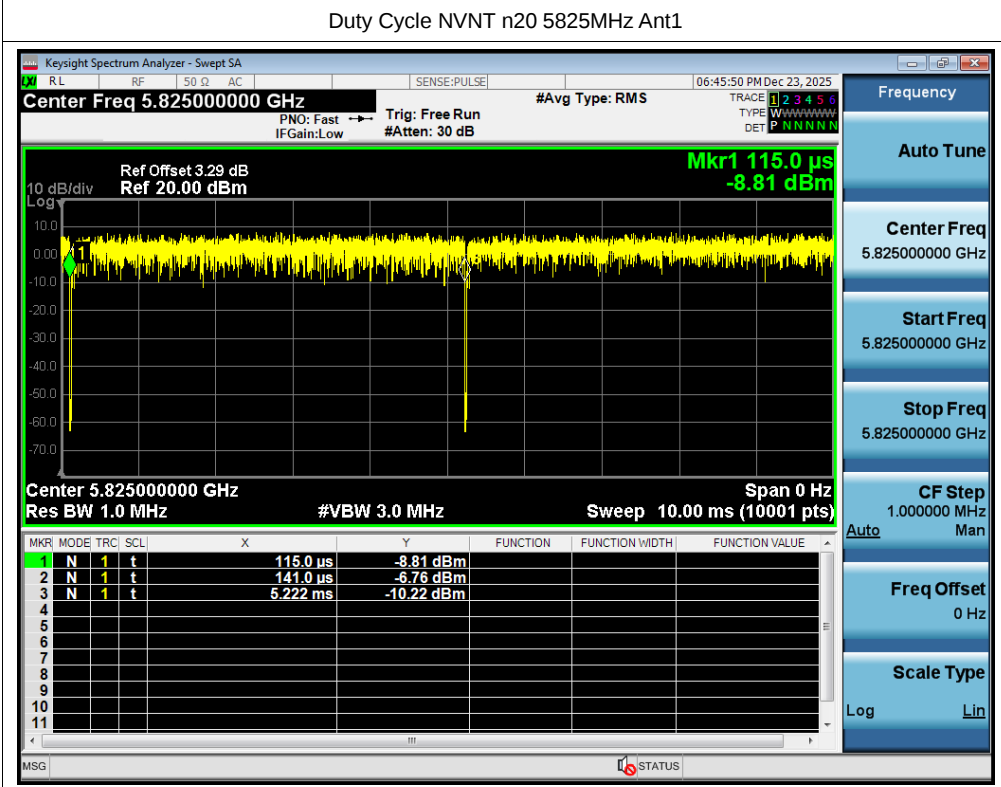
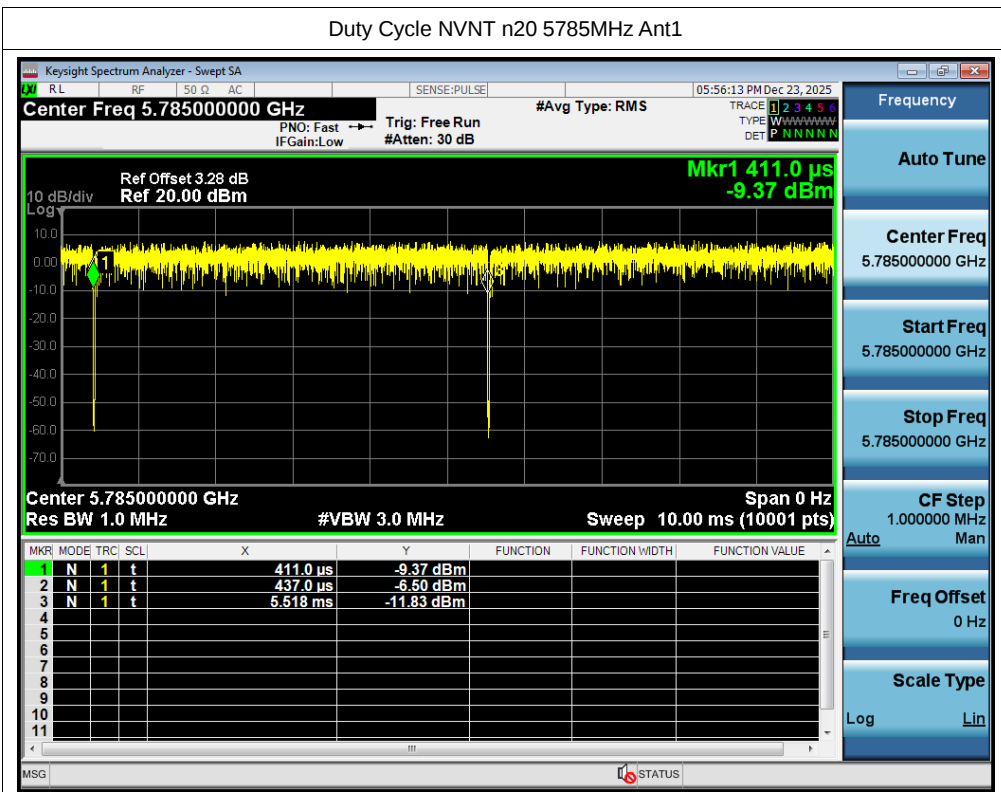
Duty Cycle NVNT a 5785MHz Ant1

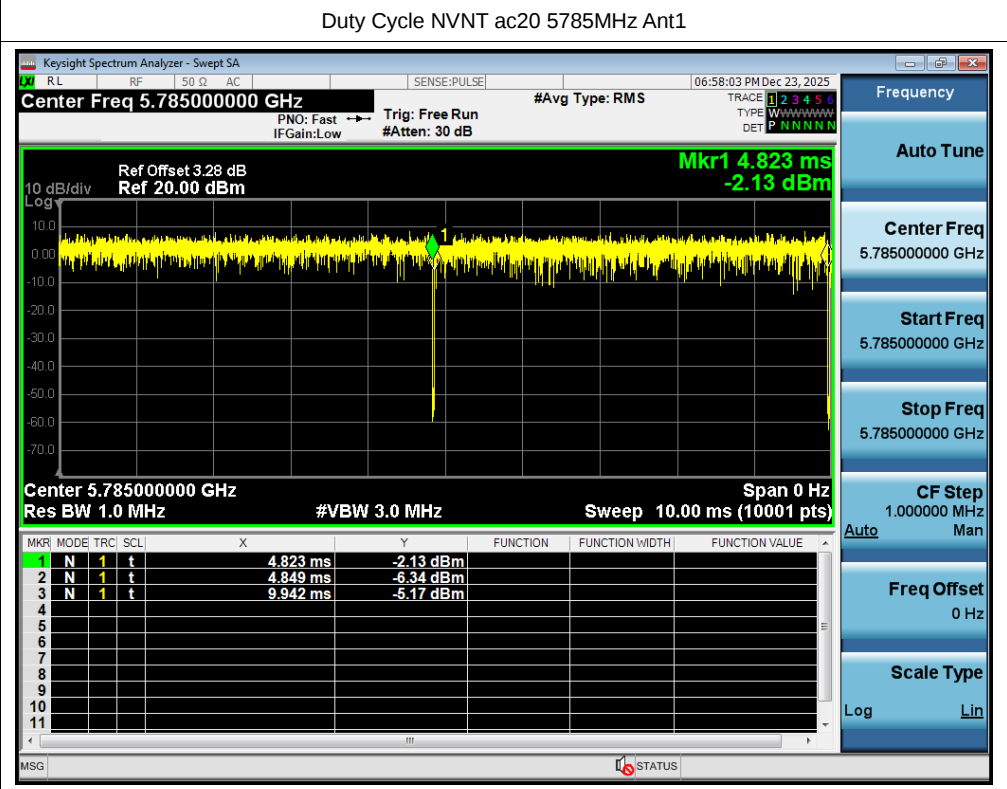
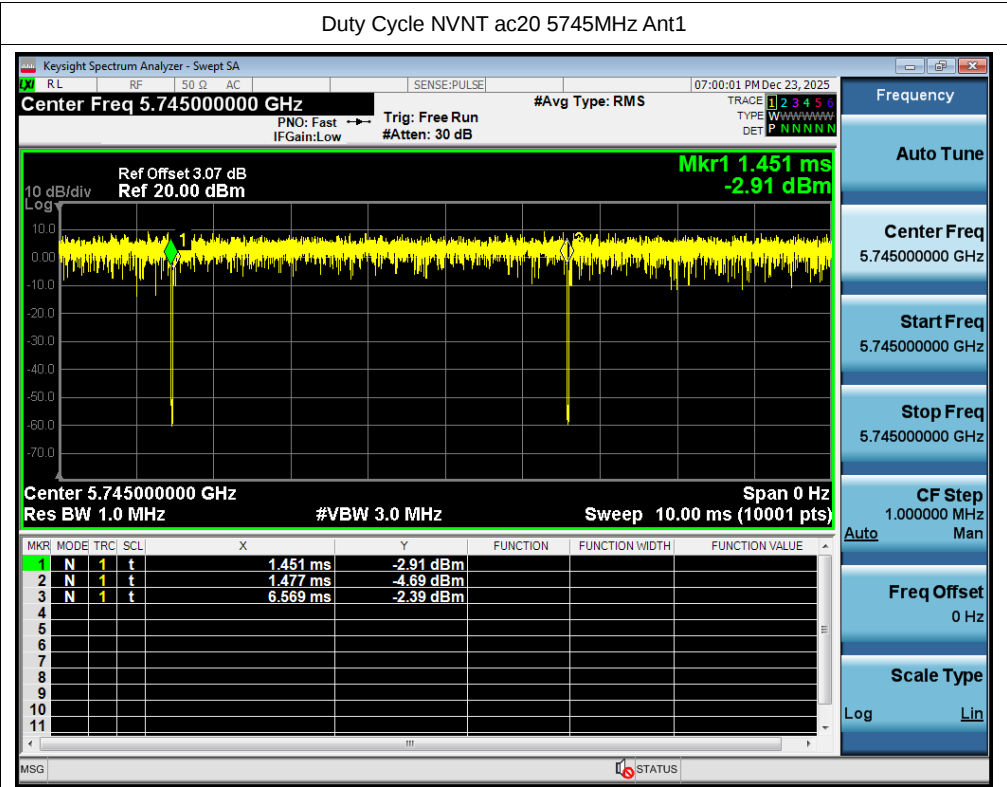


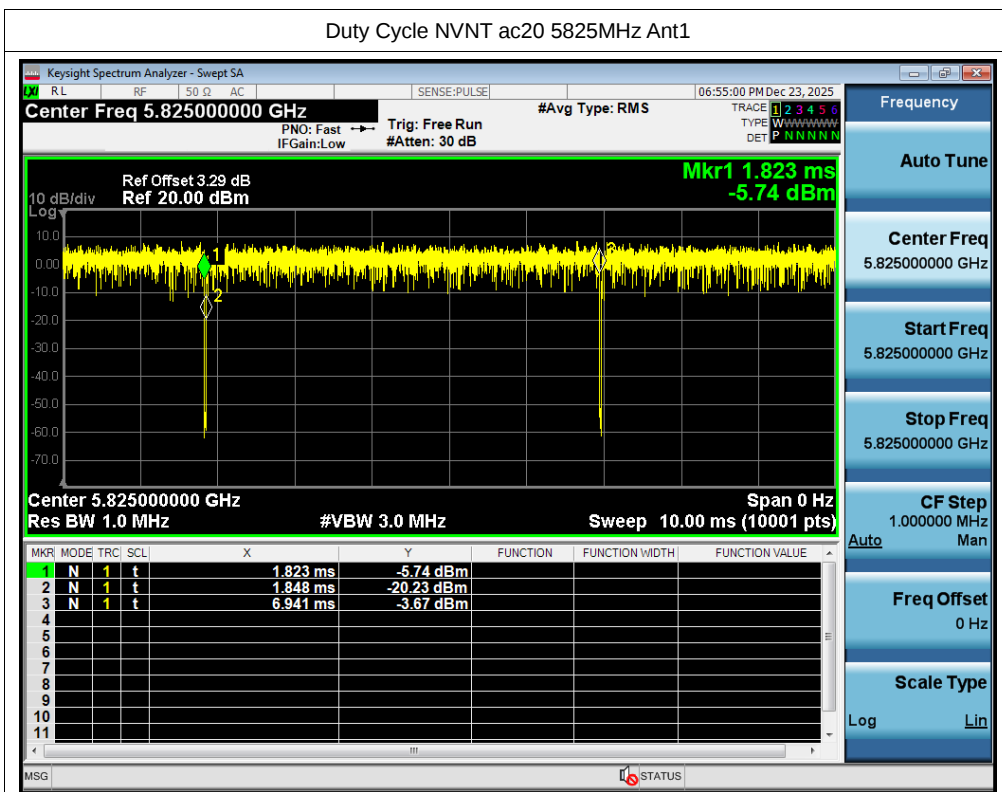


Duty Cycle NVNT n20 5745MHz Ant1

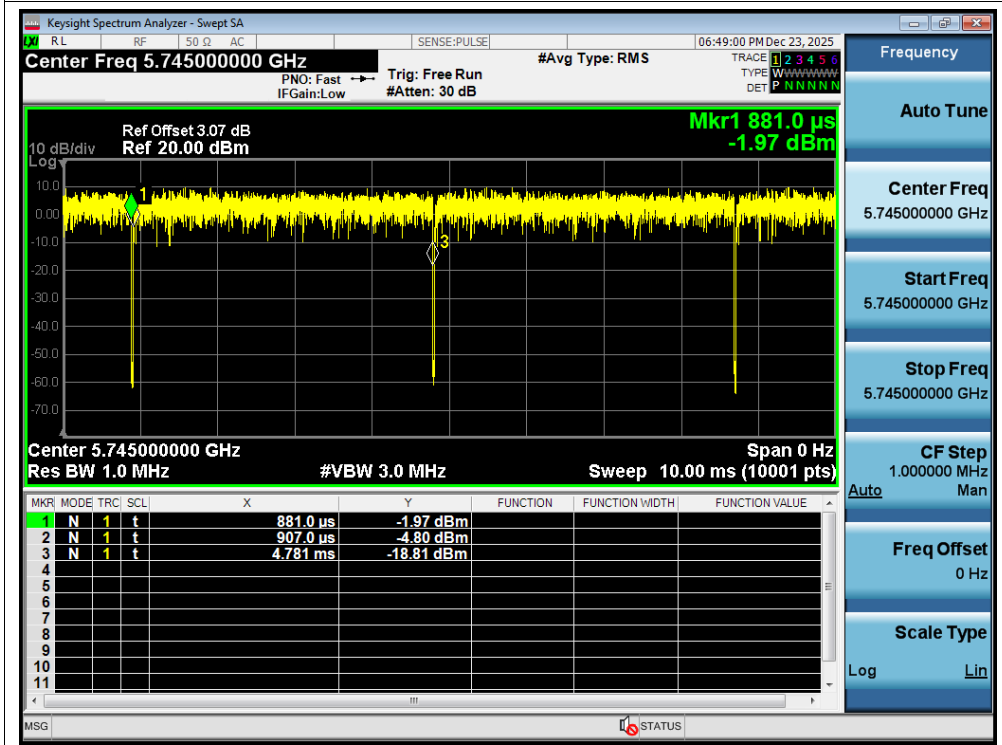


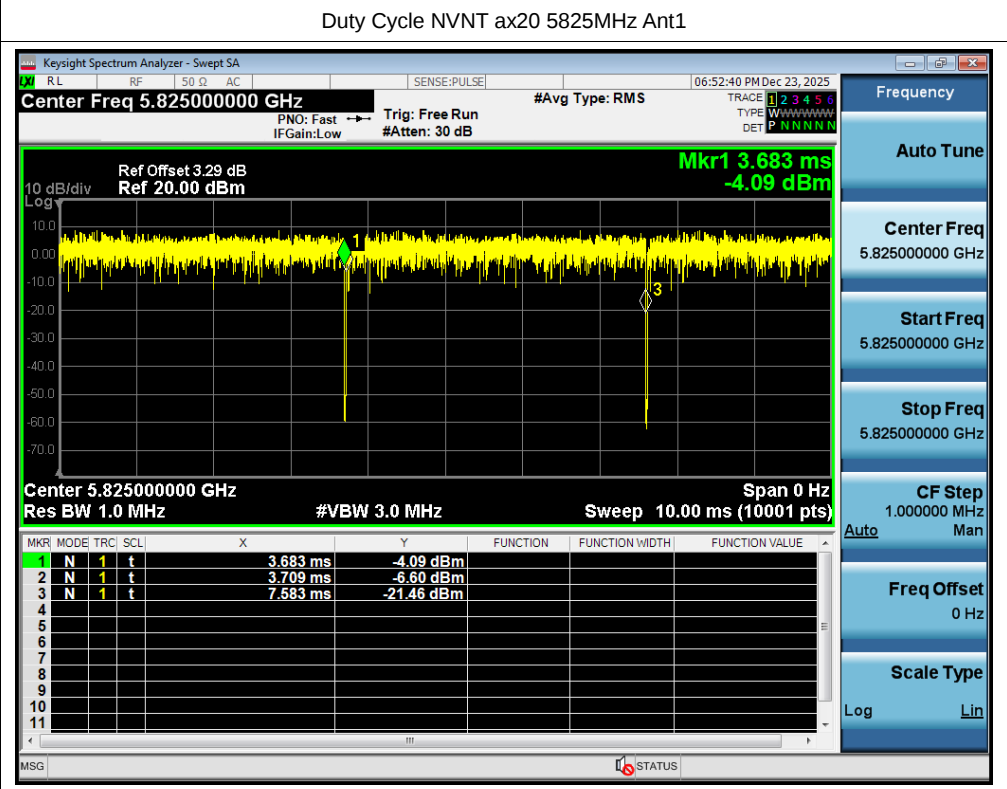
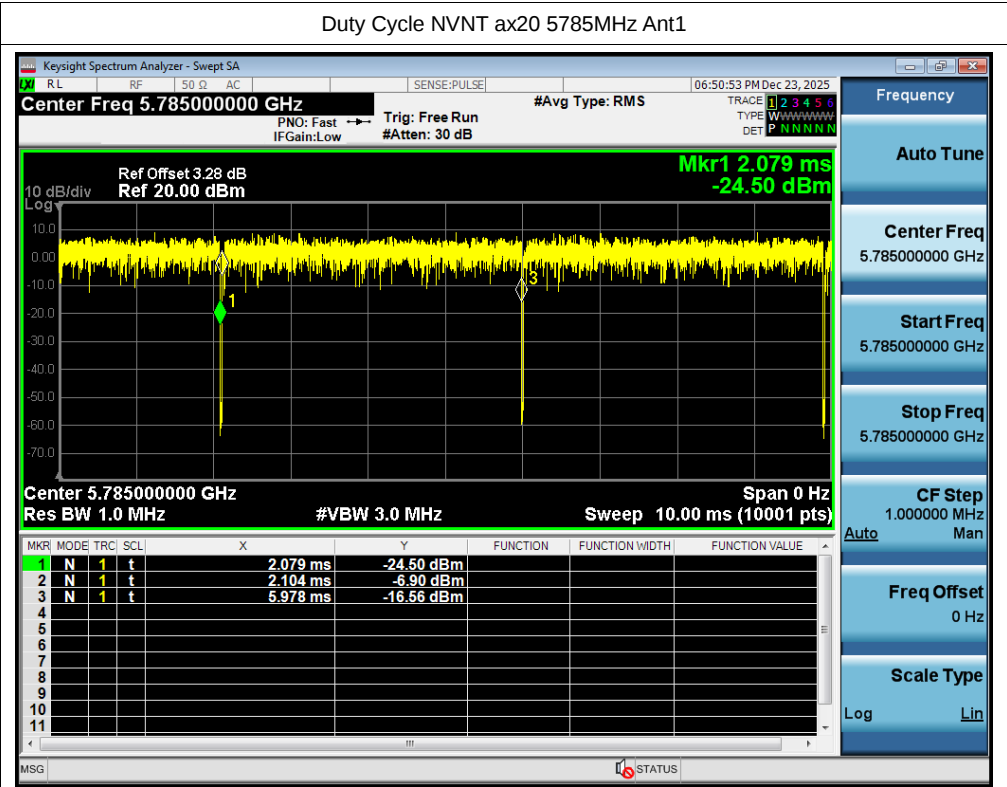






Duty Cycle NVNT ax20 5745MHz Ant1





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.26	30	Pass
NVNT	a	5785	Ant1	11.56	30	Pass
NVNT	a	5825	Ant1	11.29	30	Pass
NVNT	n20	5745	Ant1	11.43	30	Pass
NVNT	n20	5785	Ant1	11.23	30	Pass
NVNT	n20	5825	Ant1	11.42	30	Pass
NVNT	n40	5755	Ant1	10.66	30	Pass
NVNT	n40	5795	Ant1	10.52	30	Pass
NVNT	ac20	5745	Ant1	12.26	30	Pass
NVNT	ac20	5785	Ant1	11.34	30	Pass
NVNT	ac20	5825	Ant1	11.3	30	Pass
NVNT	ax20	5745	Ant1	12.17	30	Pass
NVNT	ax20	5785	Ant1	11.21	30	Pass
NVNT	ax20	5825	Ant1	11.22	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.345	0.5	Pass
NVNT	a	5785	Ant1	15.31	0.5	Pass
NVNT	a	5825	Ant1	14.826	0.5	Pass
NVNT	n20	5745	Ant1	17.588	0.5	Pass
NVNT	n20	5785	Ant1	17.302	0.5	Pass
NVNT	n20	5825	Ant1	15.646	0.5	Pass
NVNT	n40	5755	Ant1	33.843	0.5	Pass
NVNT	n40	5795	Ant1	34.434	0.5	Pass
NVNT	ac20	5745	Ant1	12.885	0.5	Pass
NVNT	ac20	5785	Ant1	17.557	0.5	Pass
NVNT	ac20	5825	Ant1	15.679	0.5	Pass
NVNT	ax20	5745	Ant1	14.642	0.5	Pass
NVNT	ax20	5785	Ant1	18.749	0.5	Pass
NVNT	ax20	5825	Ant1	17.822	0.5	Pass

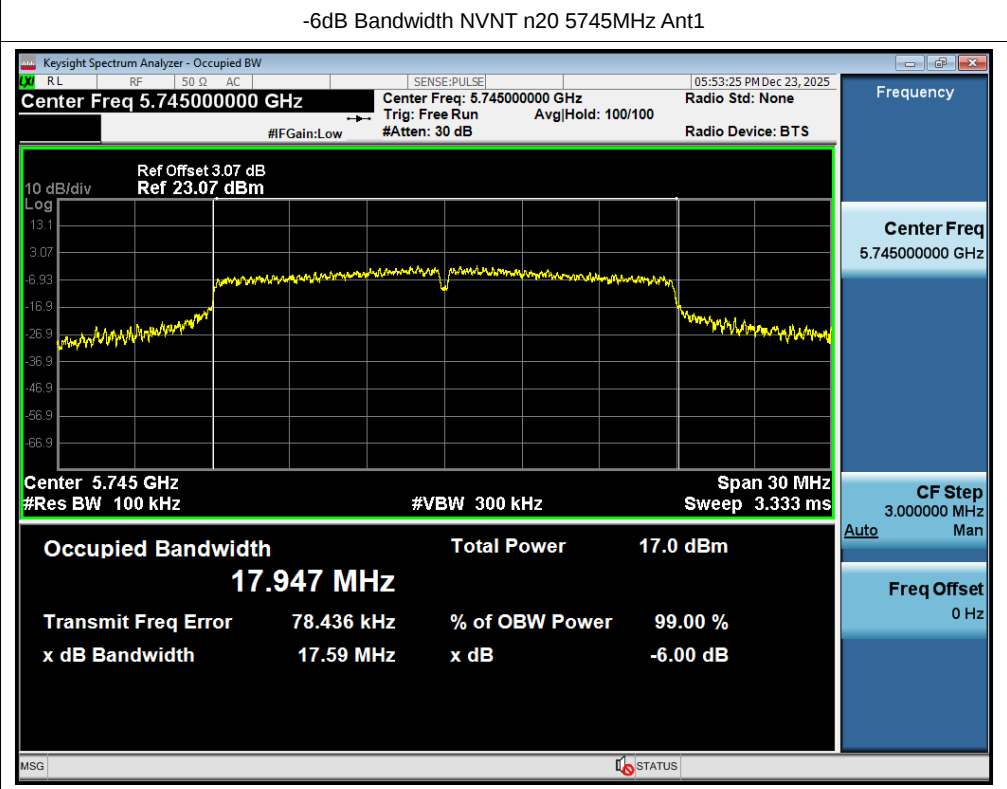
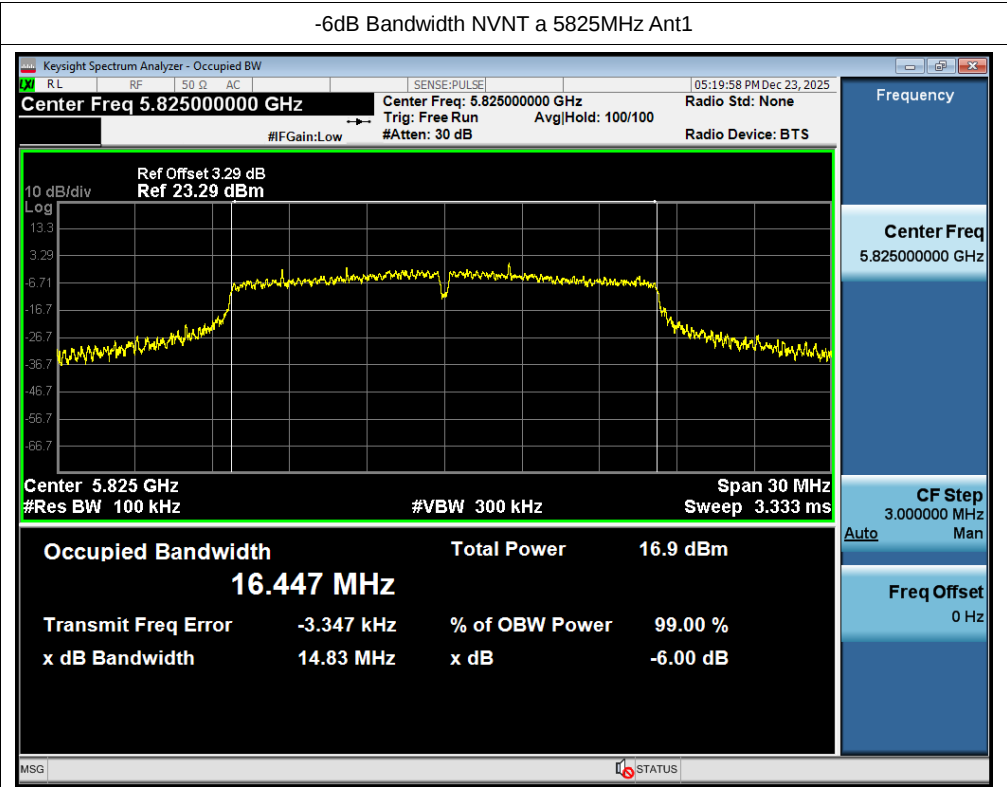
Test Graphs

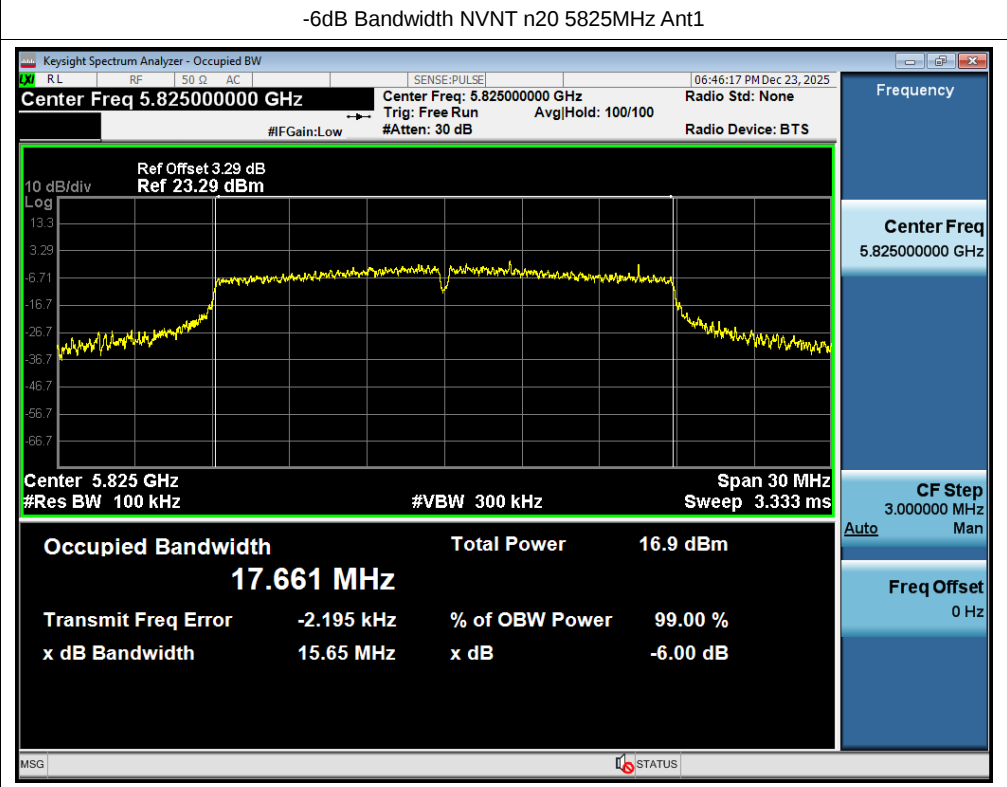
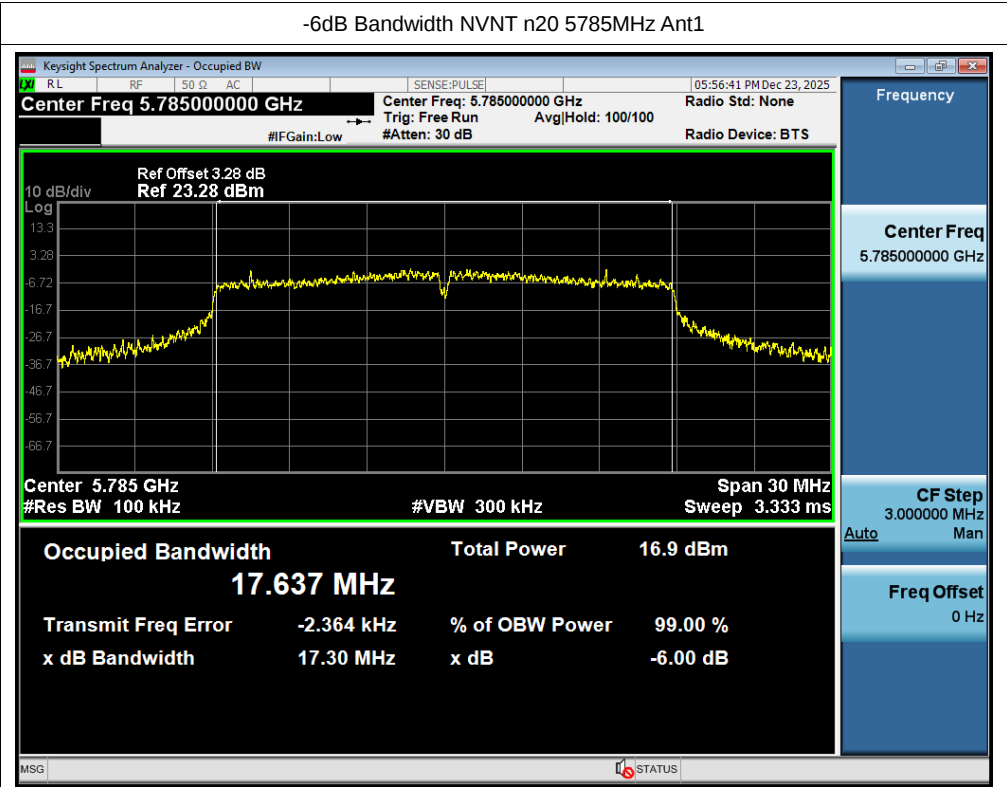
-6dB Bandwidth NVNT a 5745MHz Ant1

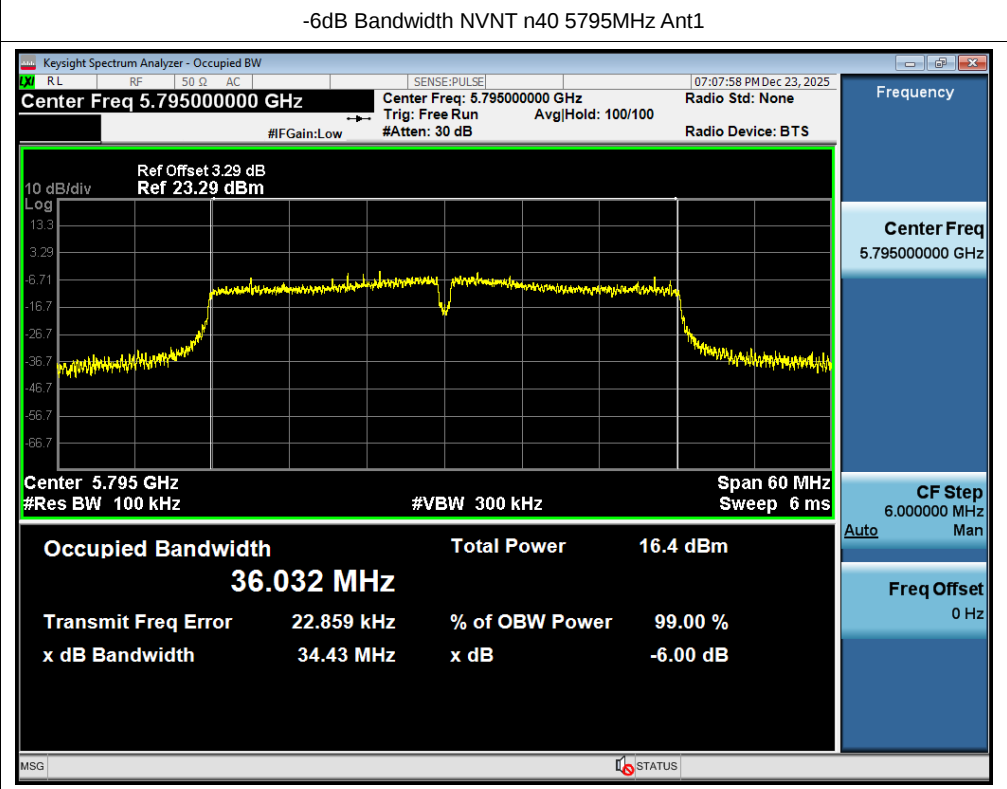
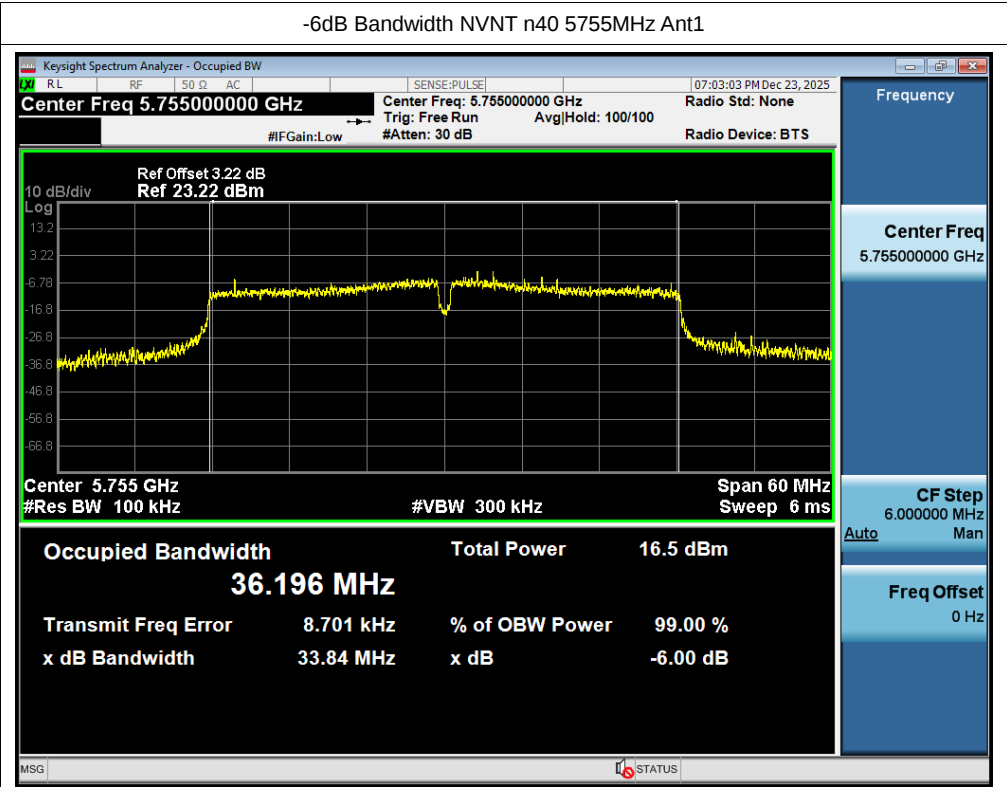


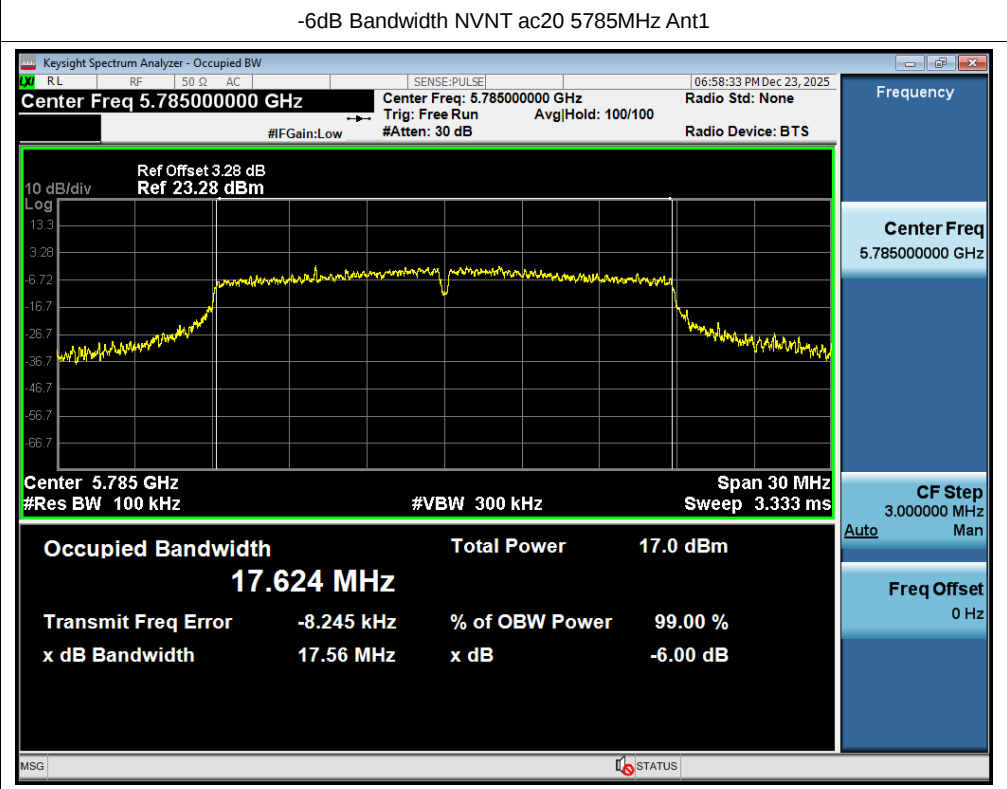
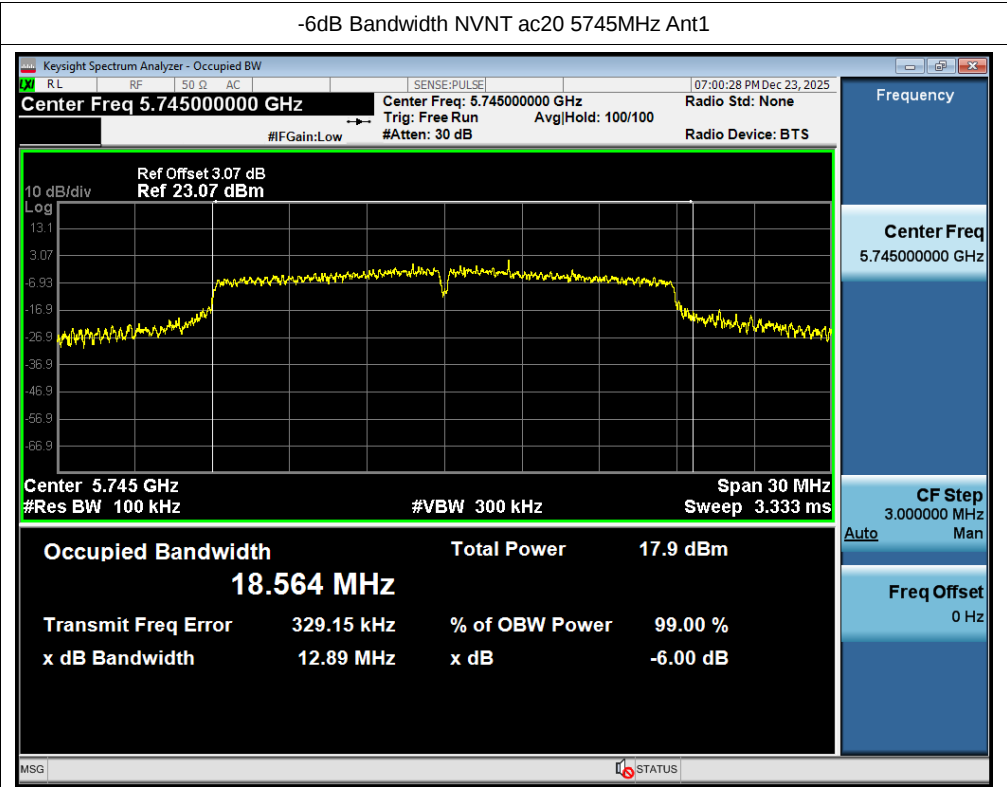
-6dB Bandwidth NVNT a 5785MHz Ant1

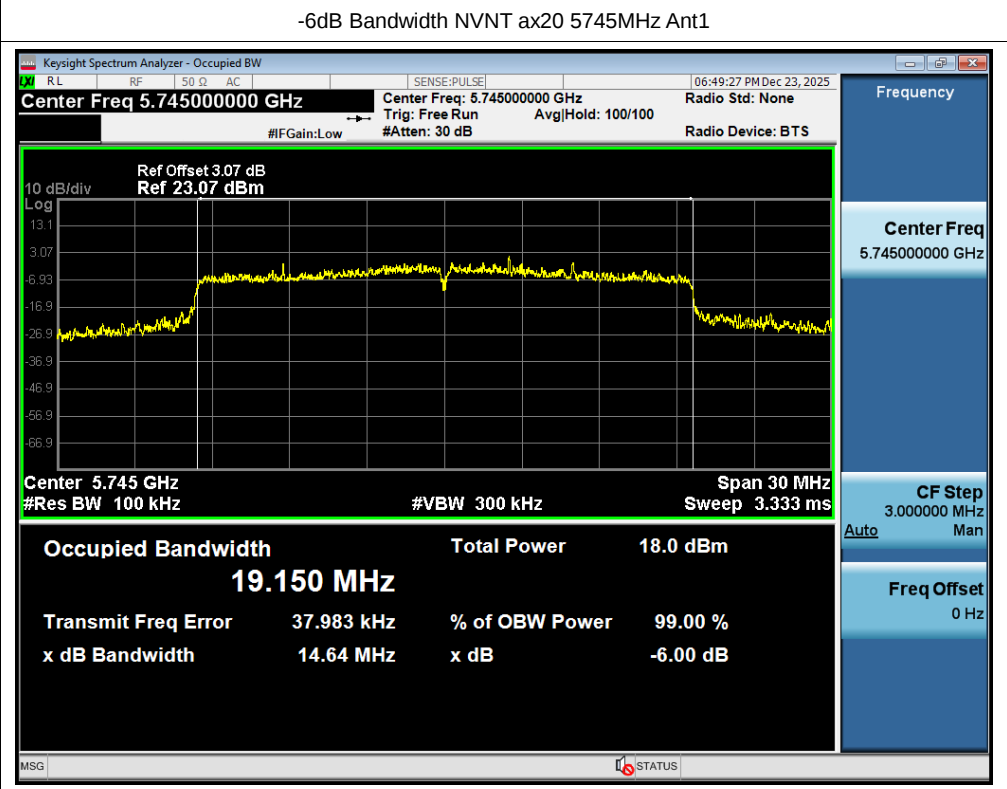
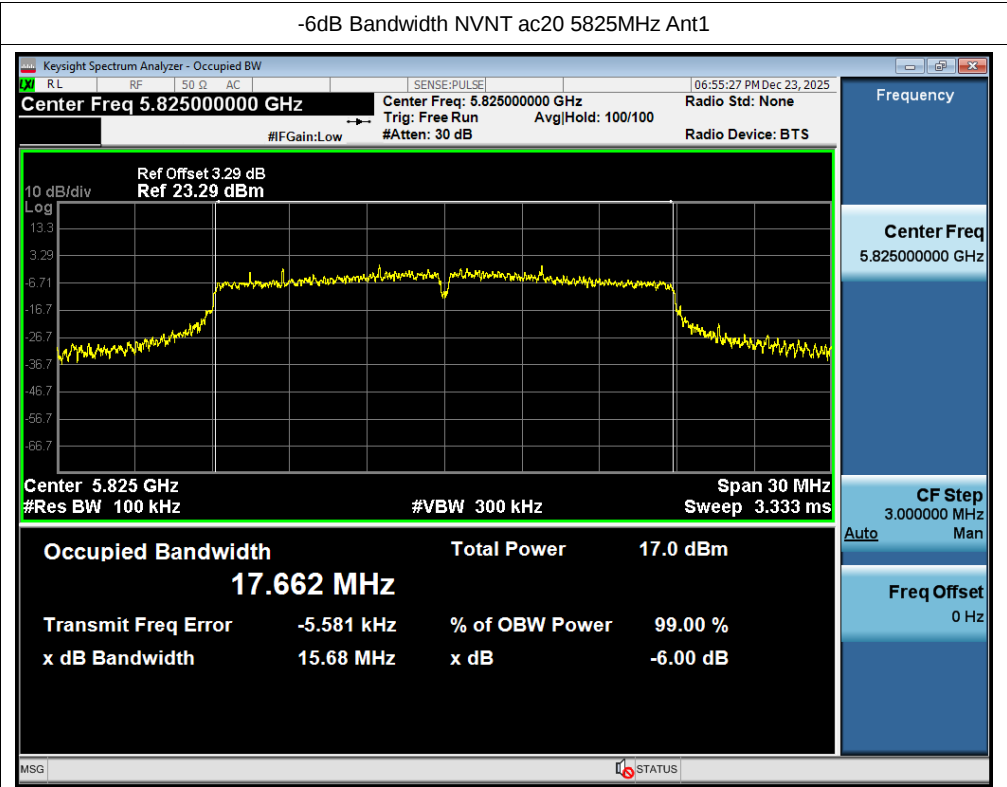


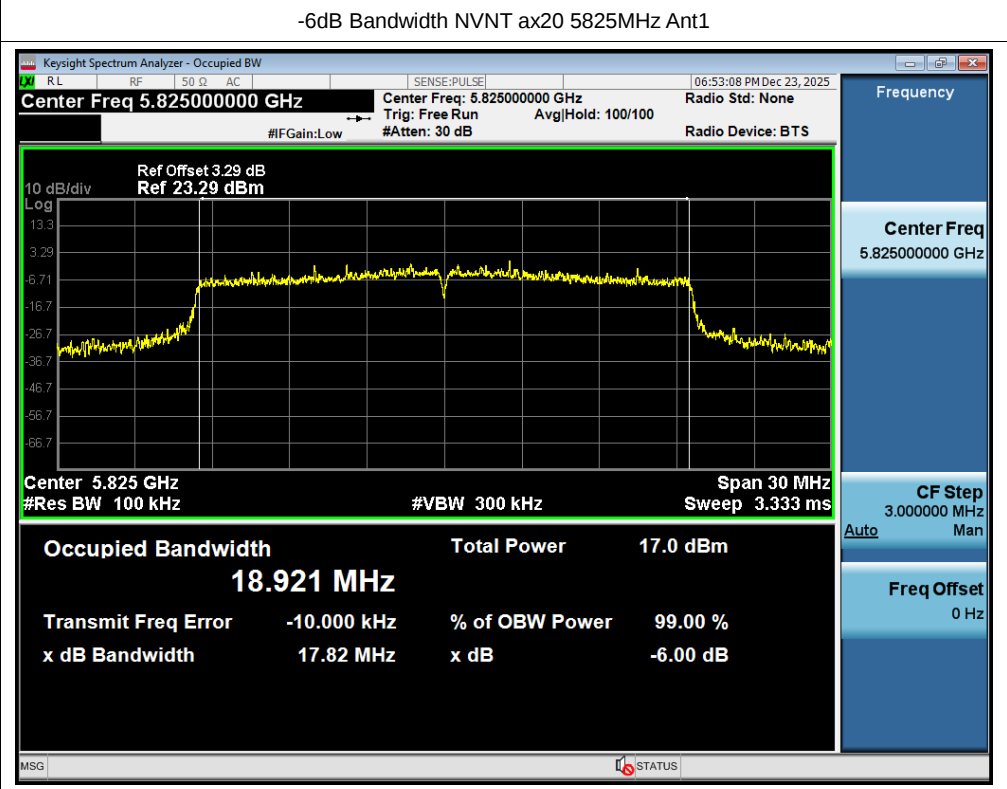
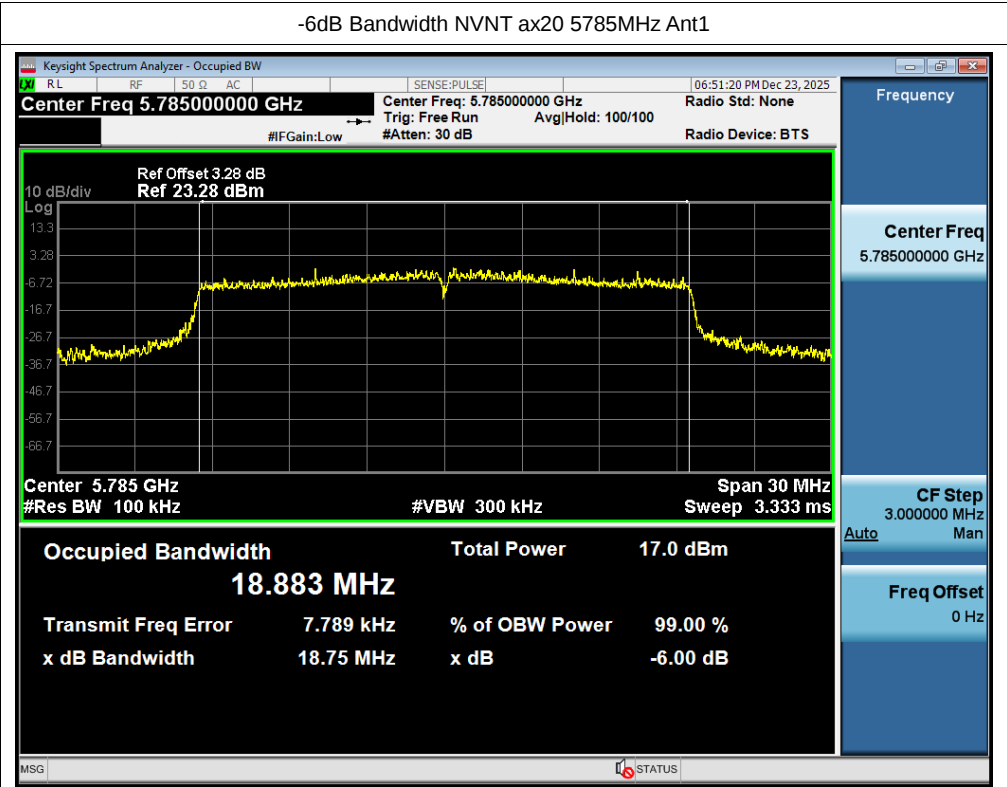










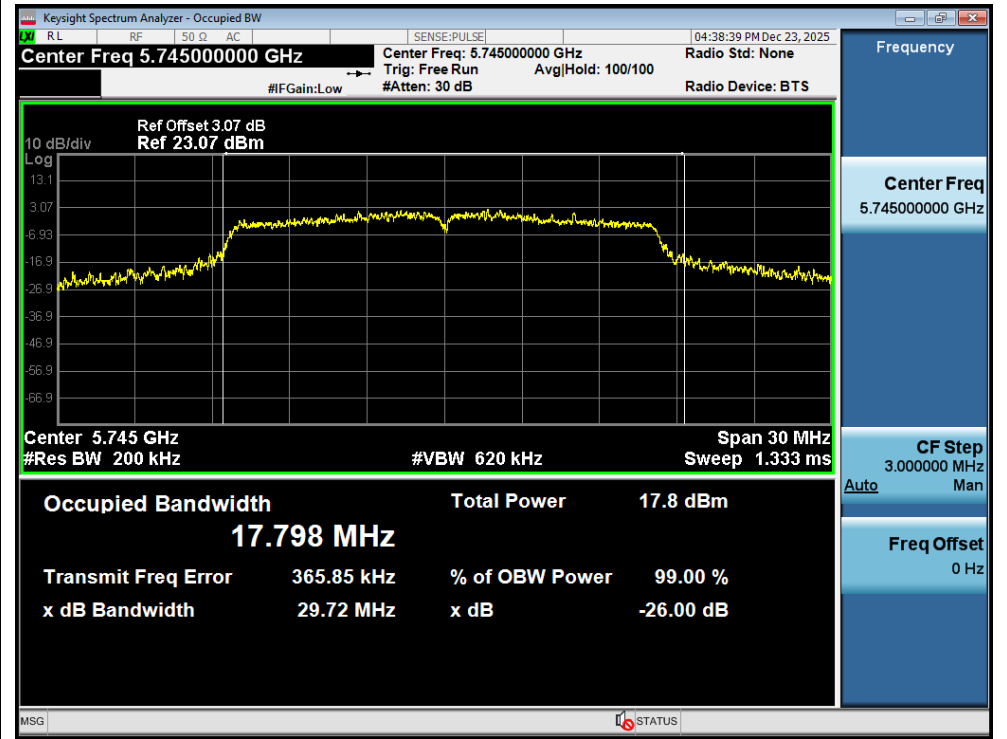


Occupied Channel Bandwidth

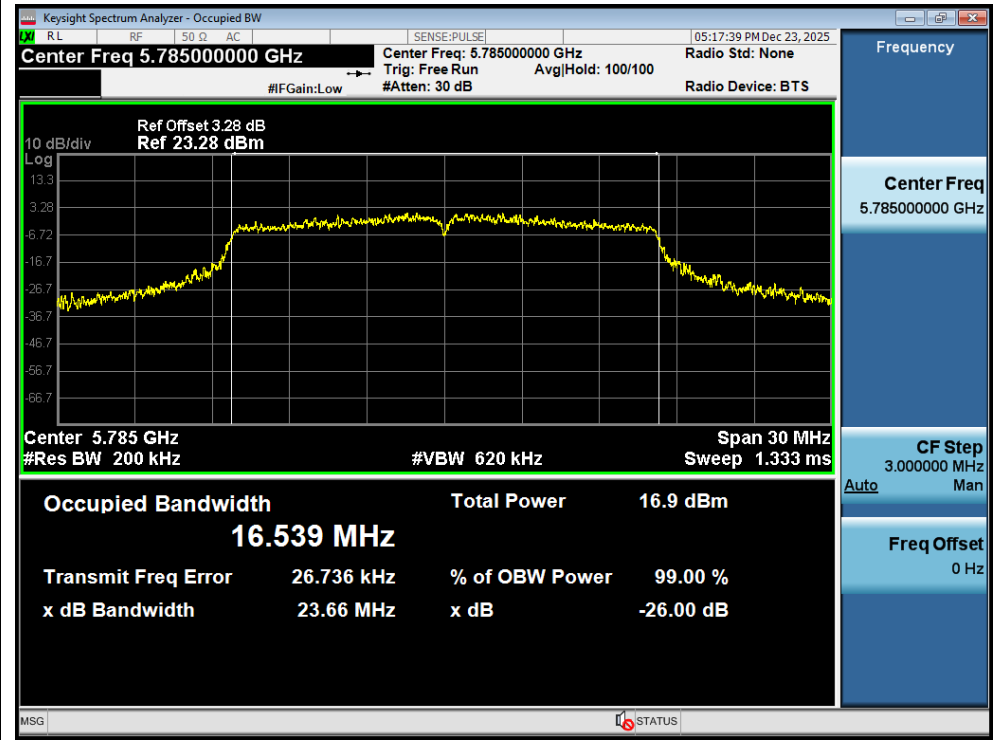
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	17.798
NVNT	a	5785	Ant1	16.539
NVNT	a	5825	Ant1	16.551
NVNT	n20	5745	Ant1	18.081
NVNT	n20	5785	Ant1	17.713
NVNT	n20	5825	Ant1	17.732
NVNT	n40	5755	Ant1	36.302
NVNT	n40	5795	Ant1	36.138
NVNT	ac20	5745	Ant1	18.556
NVNT	ac20	5785	Ant1	17.698
NVNT	ac20	5825	Ant1	17.748
NVNT	ax20	5745	Ant1	19.141
NVNT	ax20	5785	Ant1	18.941
NVNT	ax20	5825	Ant1	18.974

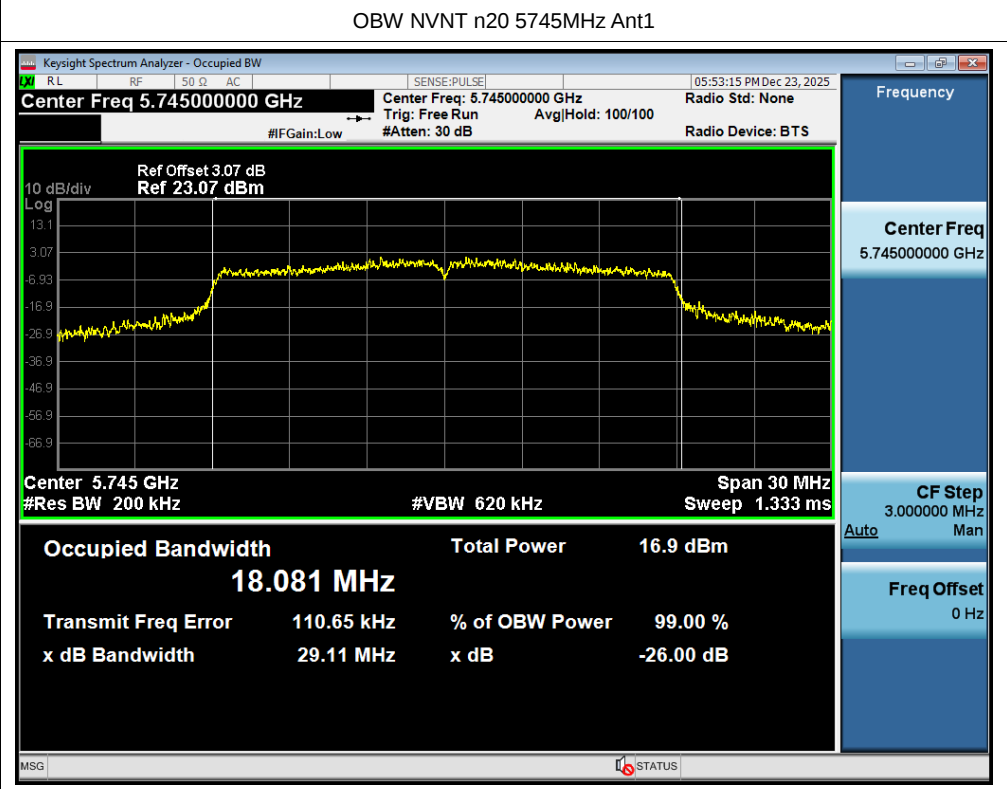
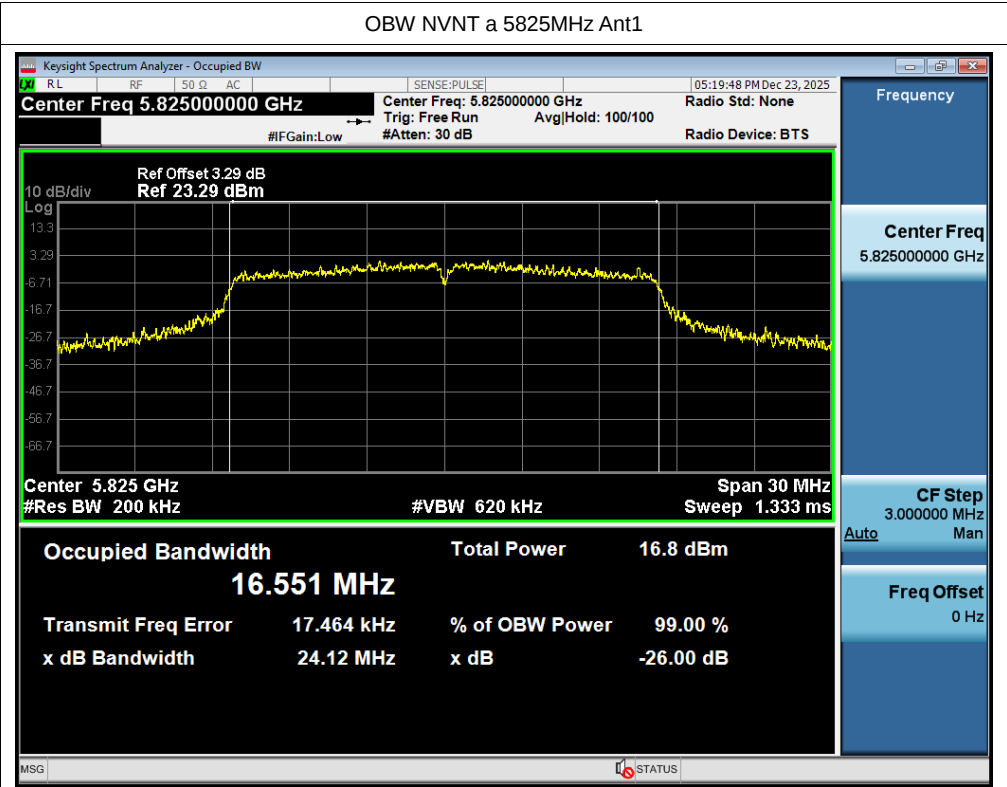
Test Graphs

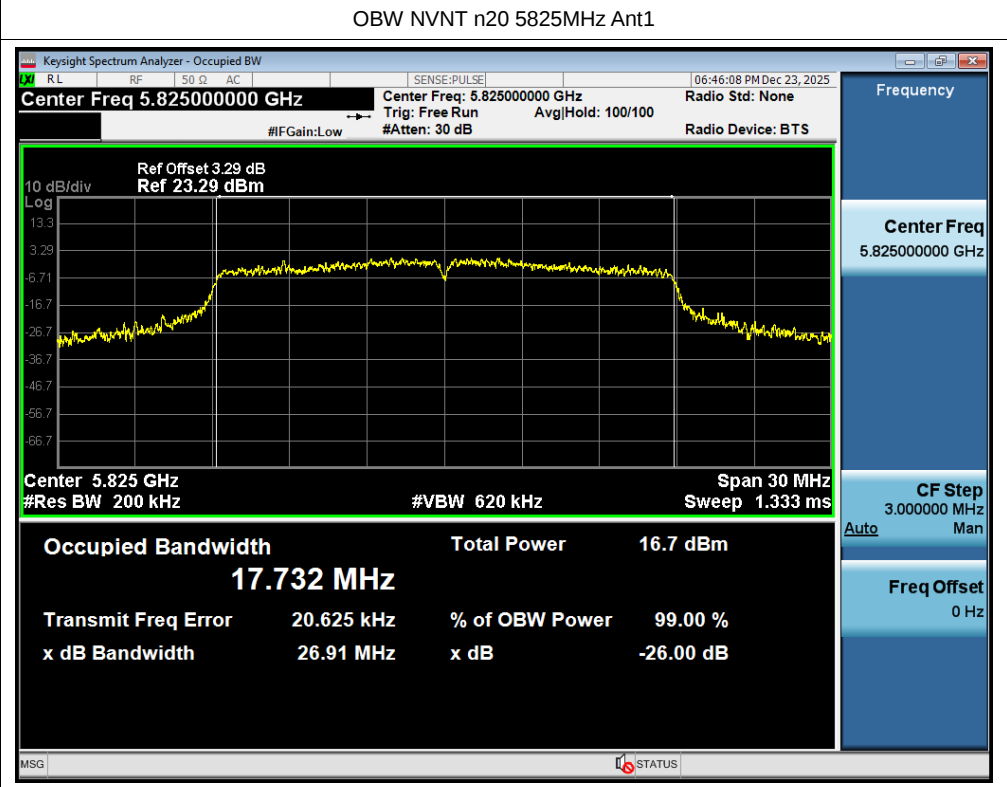
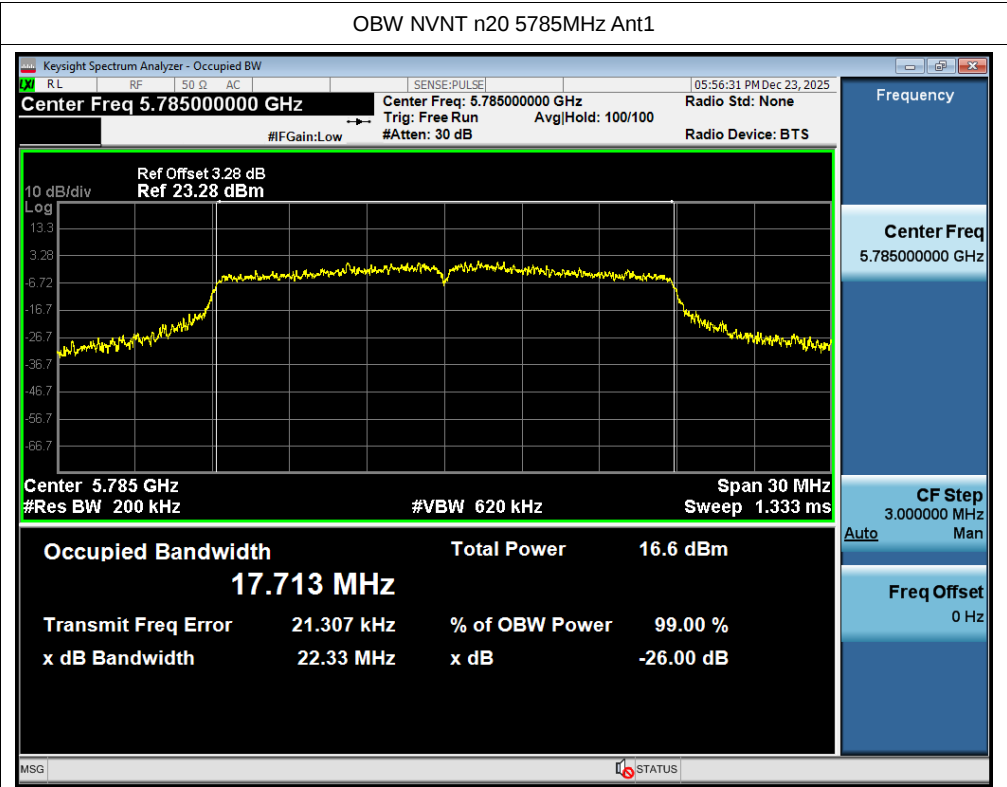
OBW NVNT a 5745MHz Ant1

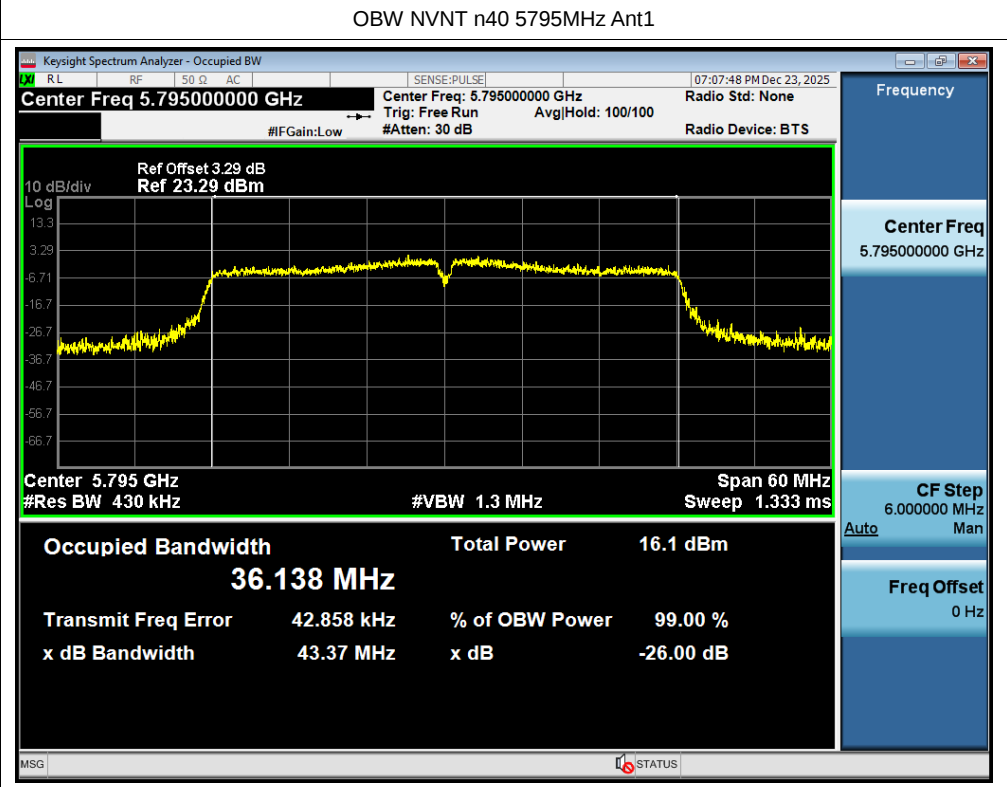
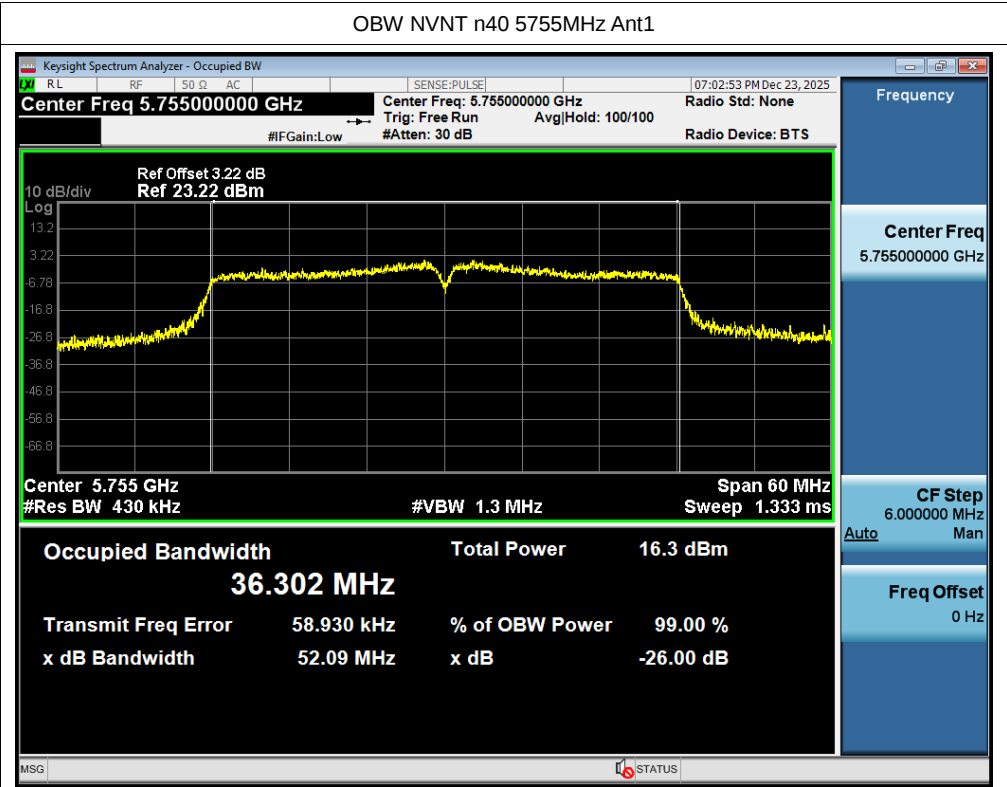


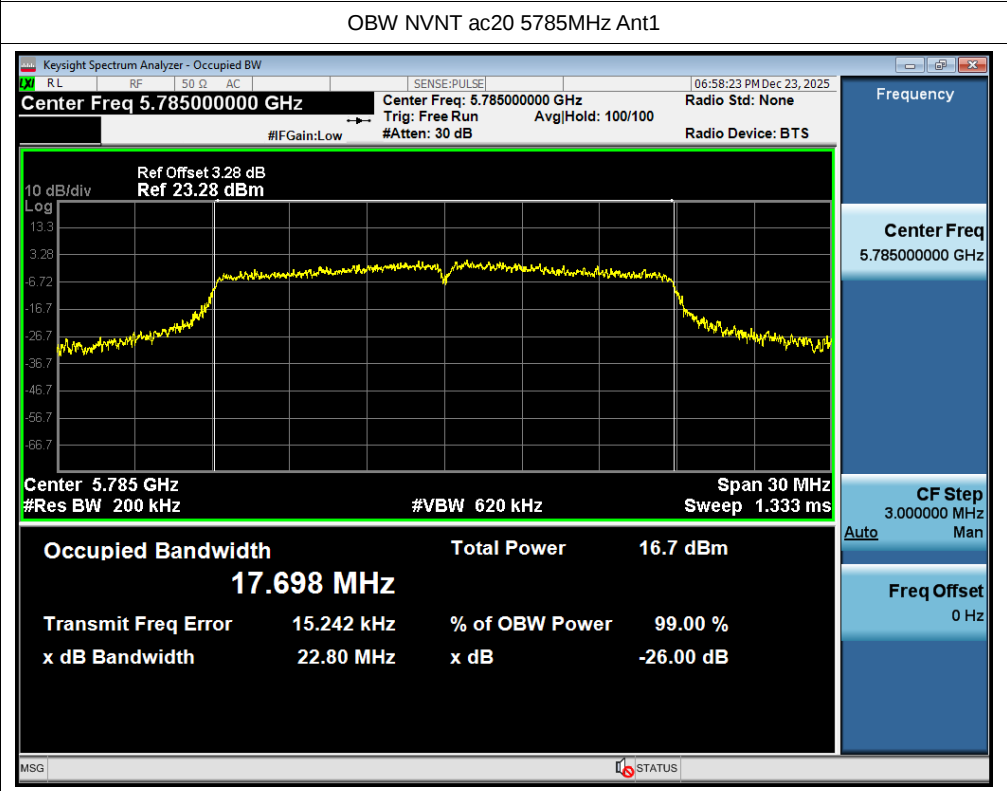
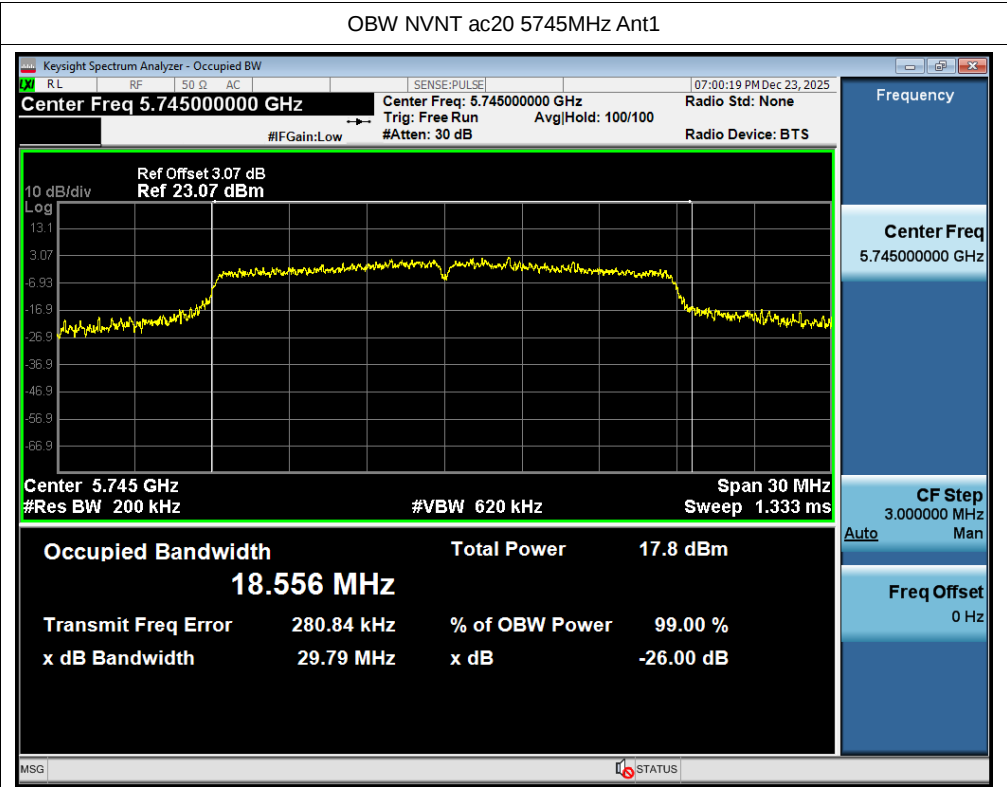
OBW NVNT a 5785MHz Ant1

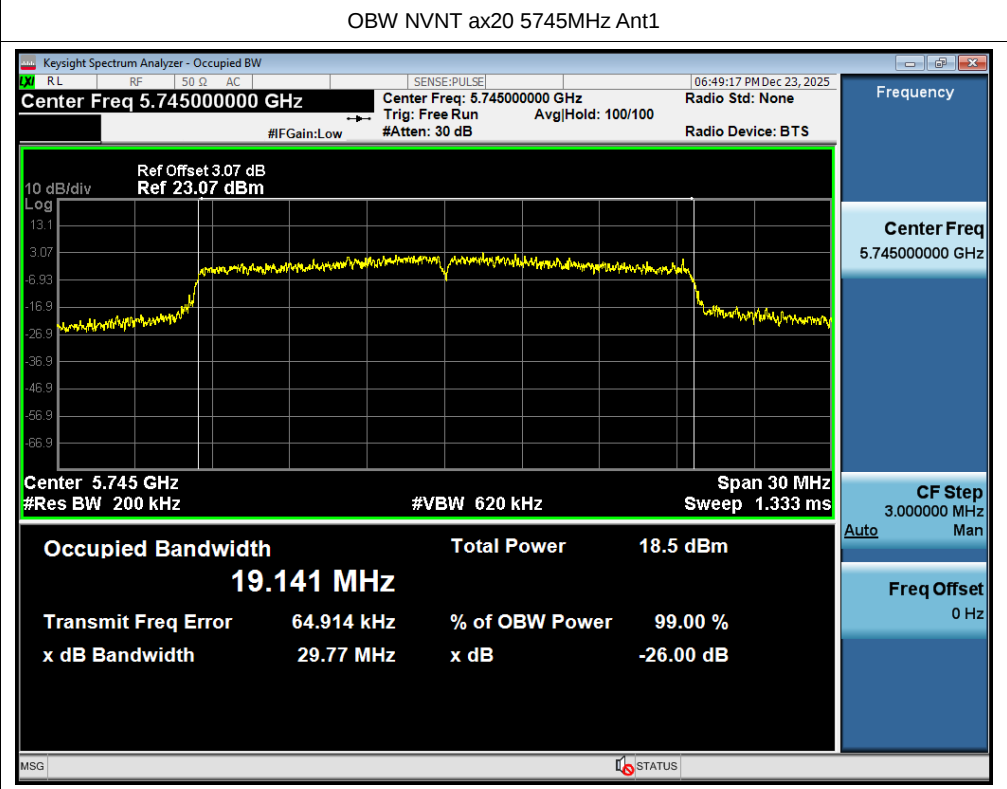
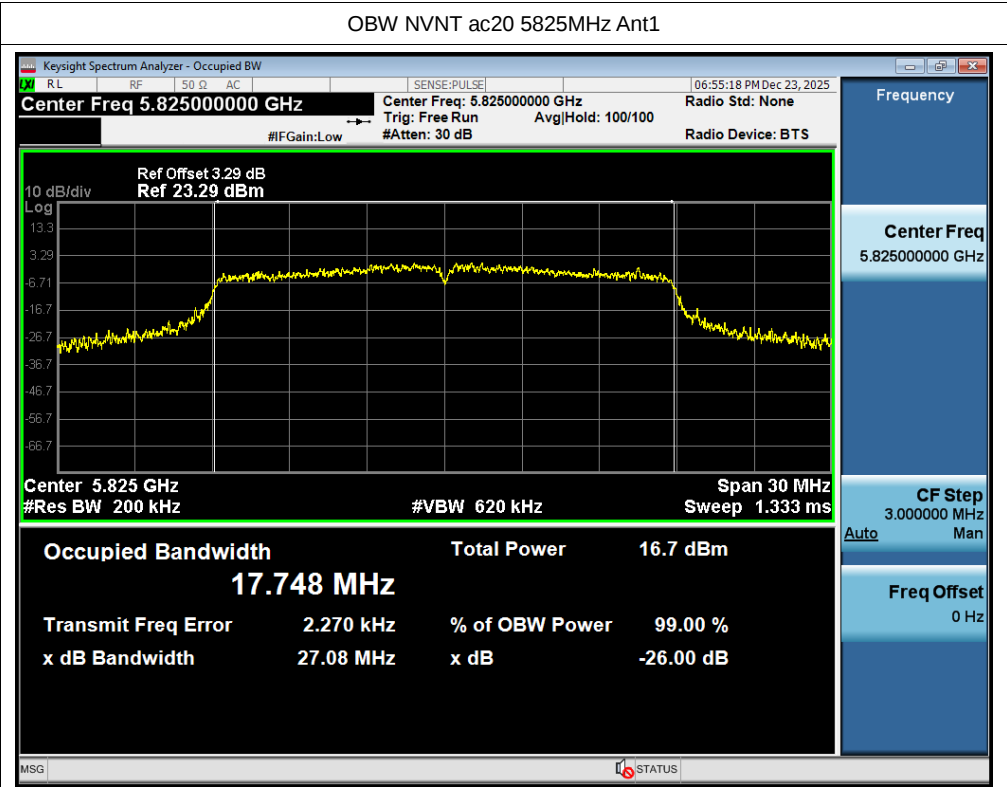


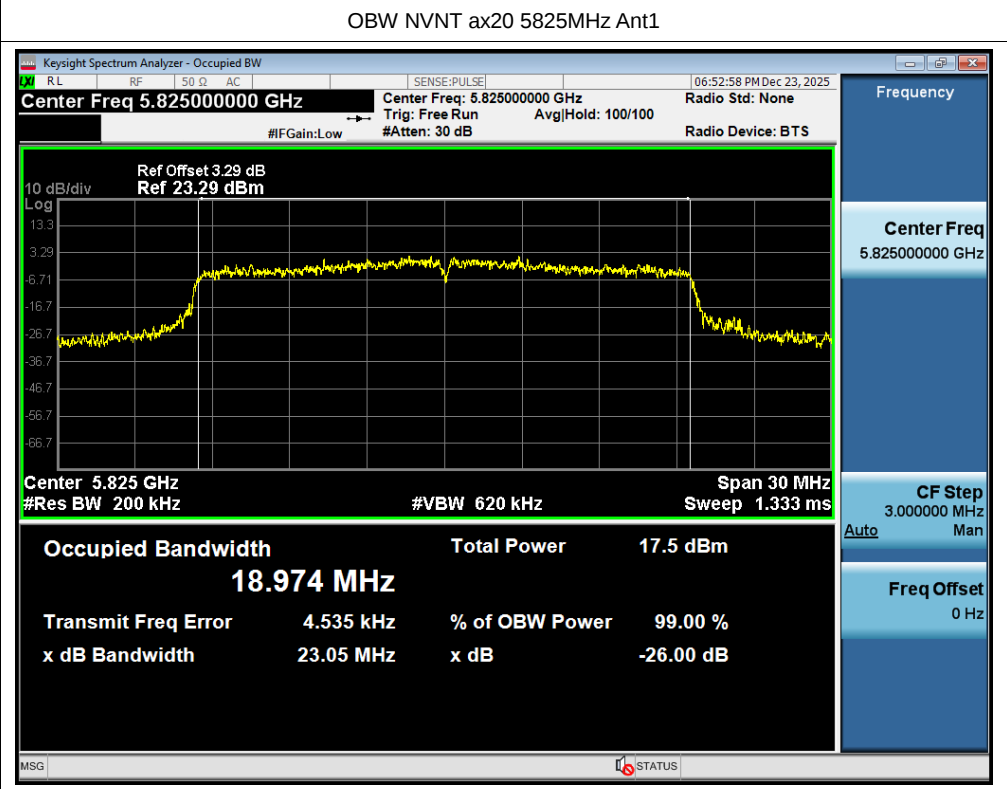
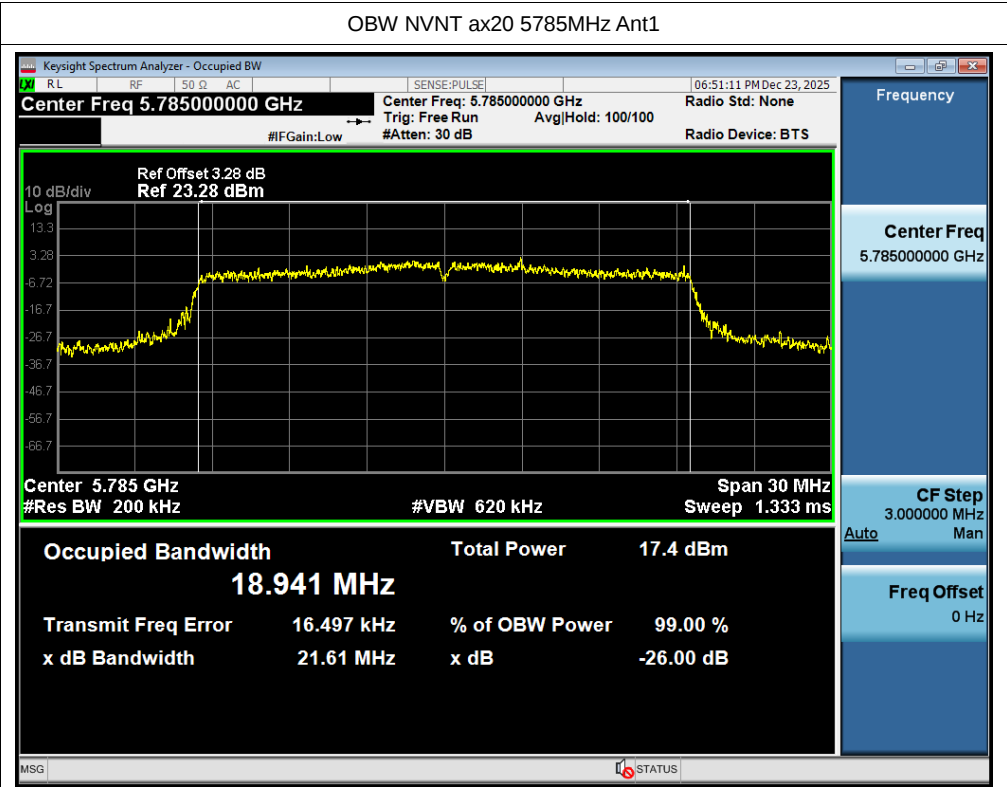












Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-0.8	0	-0.8	30	Pass
NVNT	a	5785	Ant1	-1.59	0	-1.59	30	Pass
NVNT	a	5825	Ant1	-1.66	0	-1.66	30	Pass
NVNT	n20	5745	Ant1	-1.91	0	-1.91	30	Pass
NVNT	n20	5785	Ant1	-1.95	0	-1.95	30	Pass
NVNT	n20	5825	Ant1	-1.78	0	-1.78	30	Pass
NVNT	n40	5755	Ant1	-4.5	0	-4.5	30	Pass
NVNT	n40	5795	Ant1	-4.7	0	-4.7	30	Pass
NVNT	ac20	5745	Ant1	0.32	0	0.32	30	Pass
NVNT	ac20	5785	Ant1	-1.84	0	-1.84	30	Pass
NVNT	ac20	5825	Ant1	-1.42	0	-1.42	30	Pass
NVNT	ax20	5745	Ant1	-0.72	0	-0.72	30	Pass
NVNT	ax20	5785	Ant1	-1.37	0	-1.37	30	Pass
NVNT	ax20	5825	Ant1	-1.47	0	-1.47	30	Pass

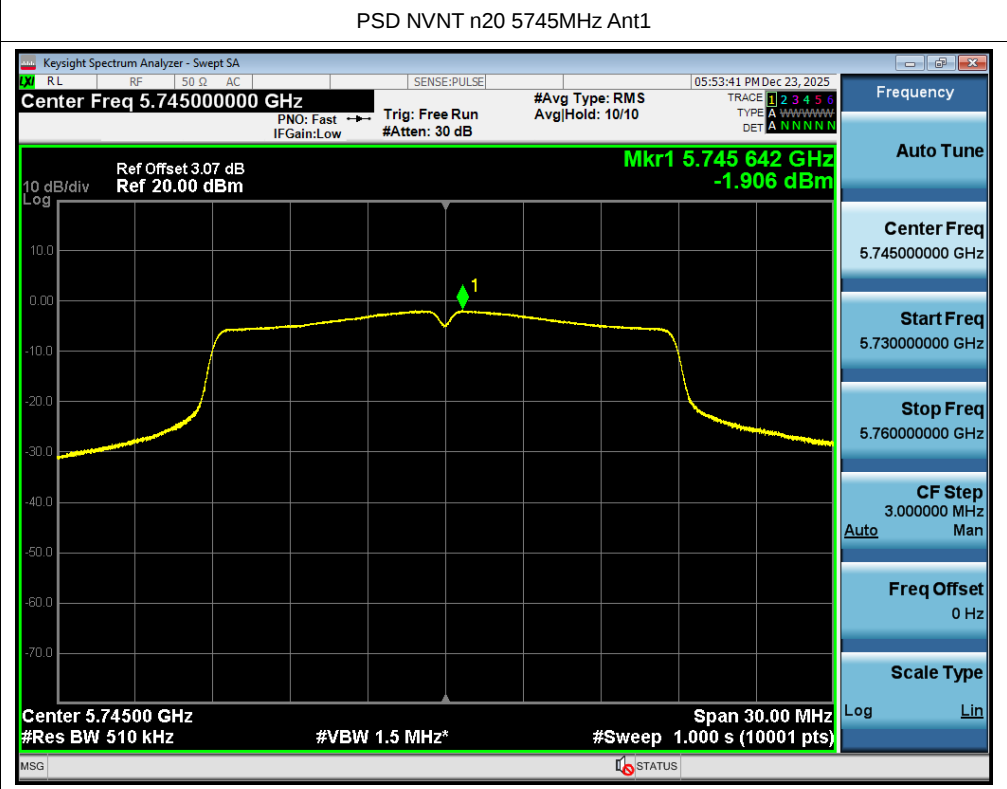
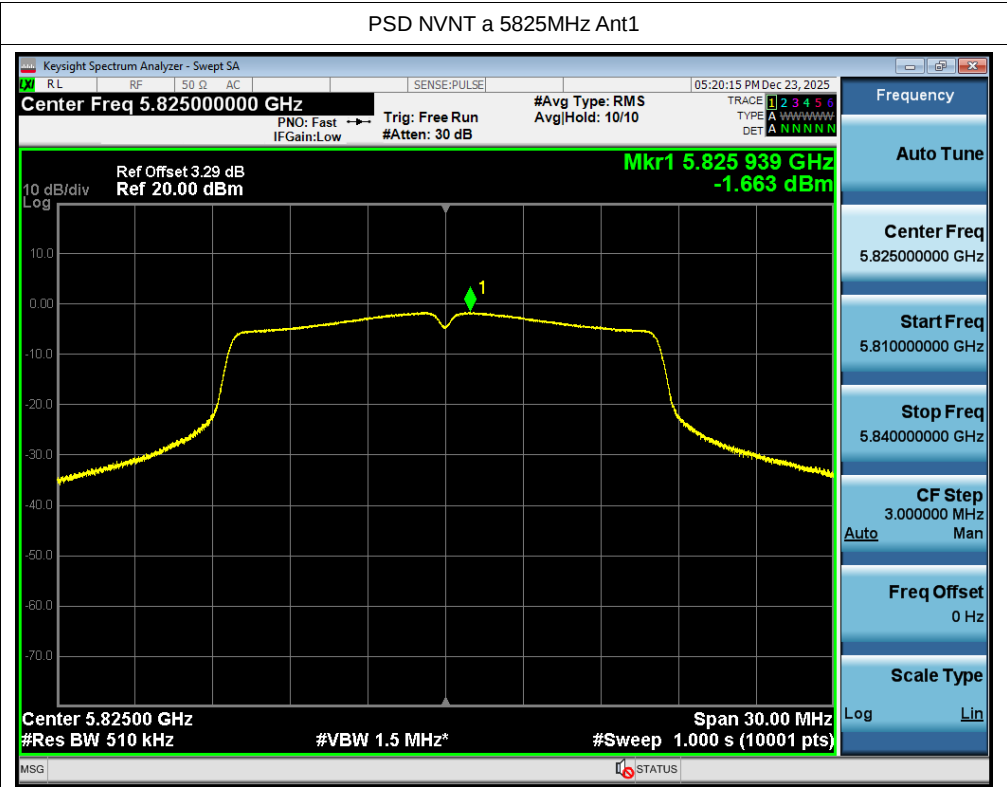
Test Graphs

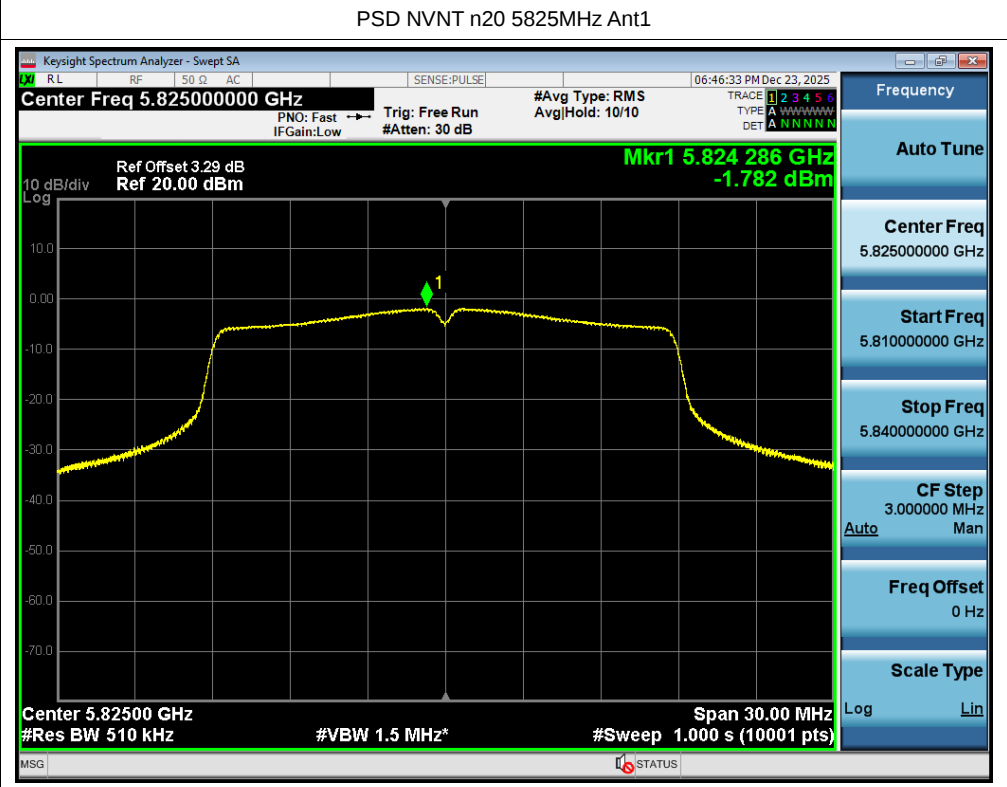
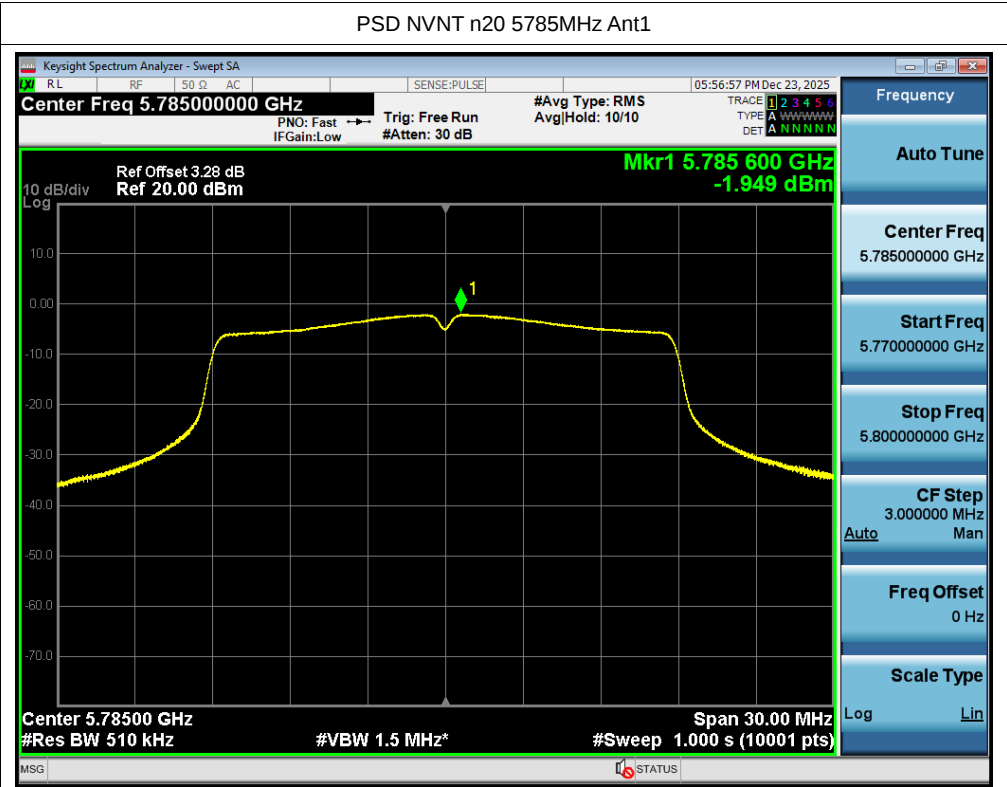
PSD NVNT a 5745MHz Ant1

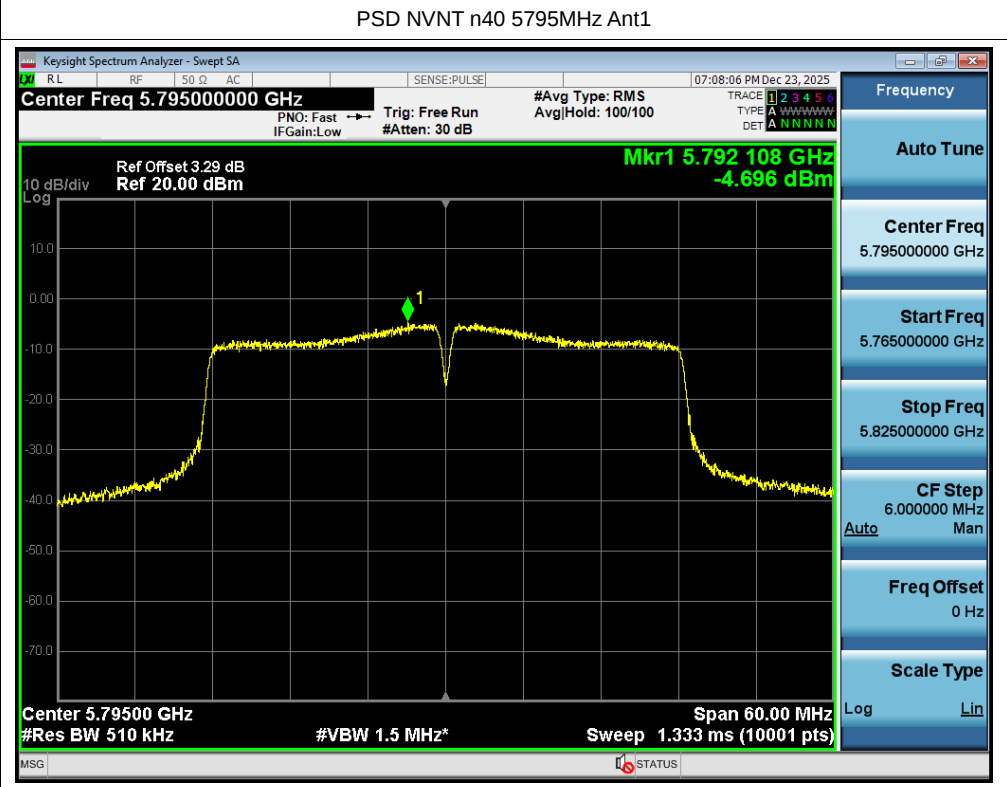
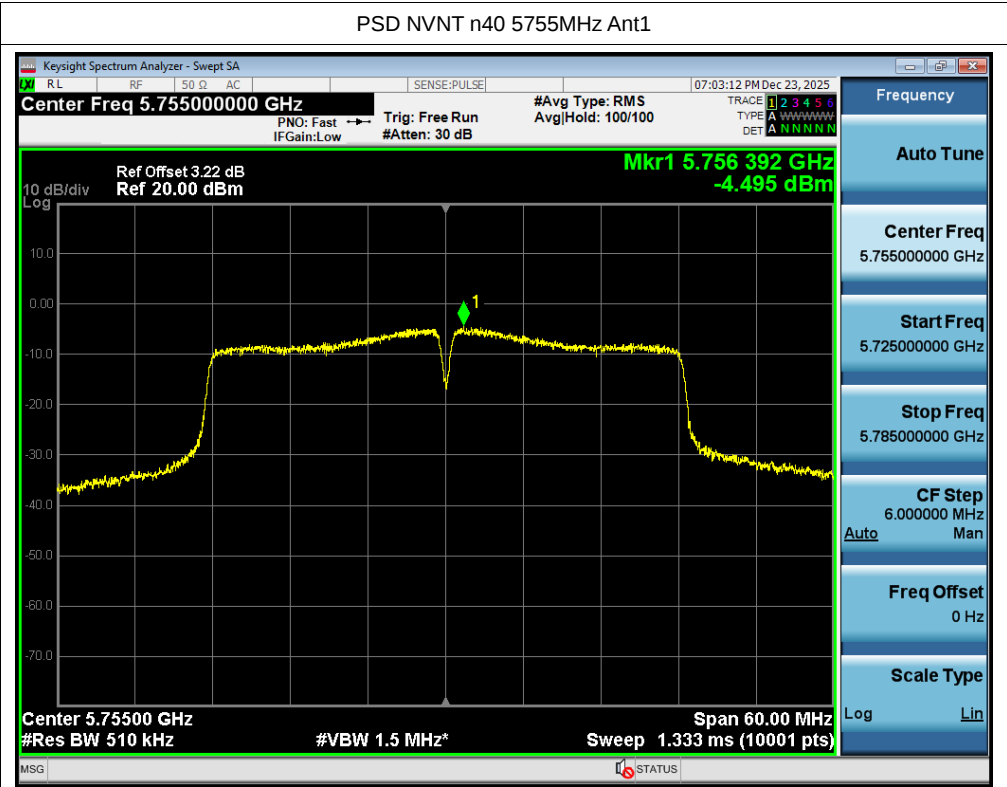


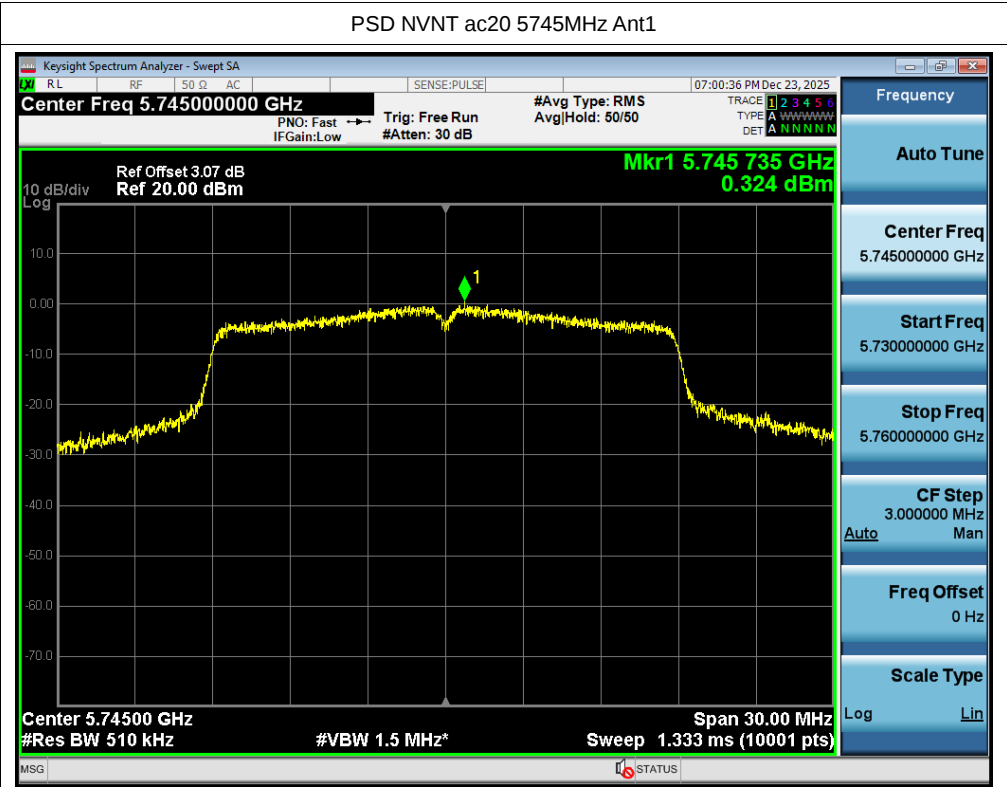
PSD NVNT a 5785MHz Ant1



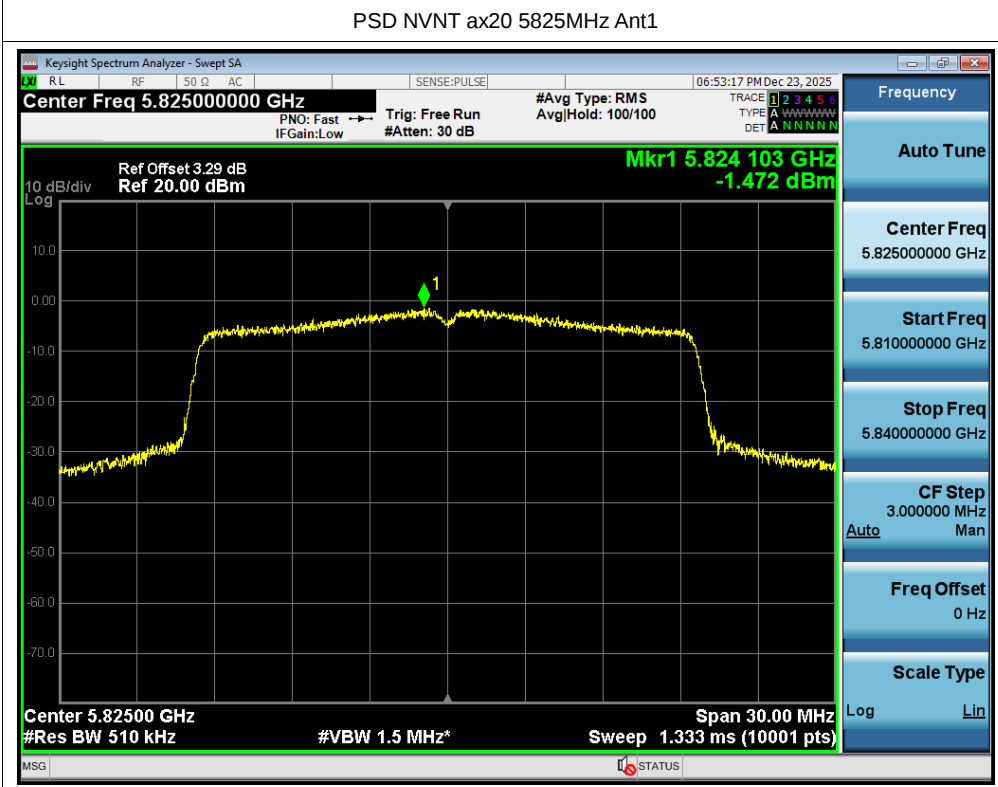
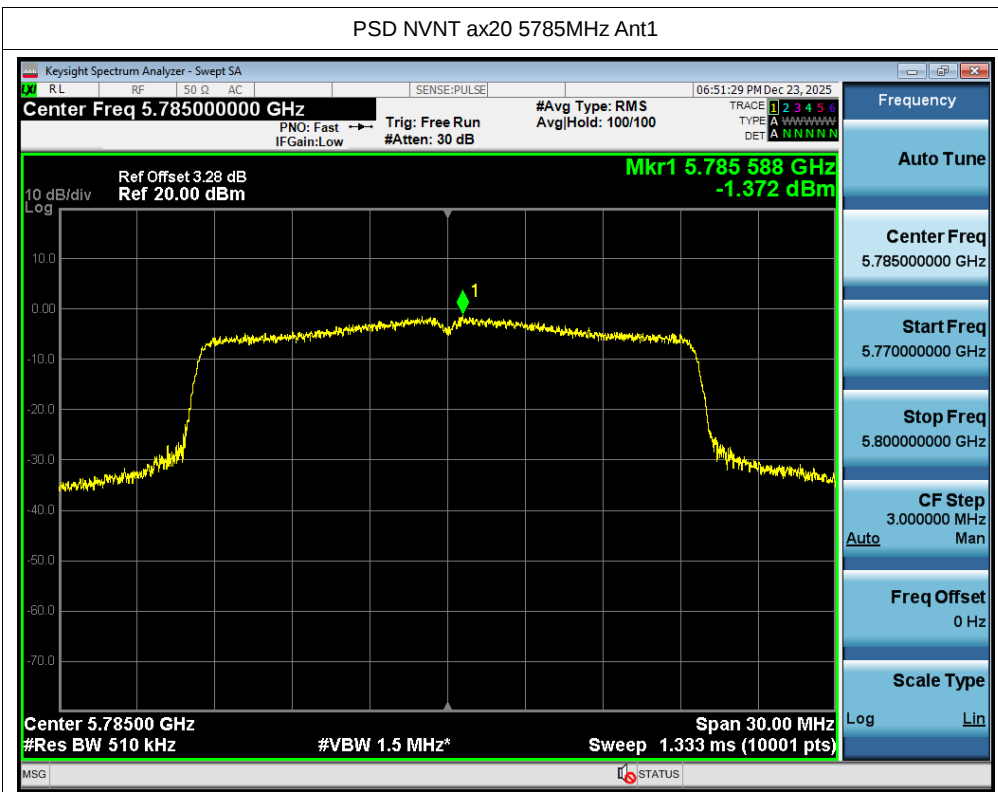












Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-19.05		Pass
NVNT	a	5825	Ant1	-37.82		Pass
NVNT	n20	5745	Ant1	-19.79		Pass
NVNT	n20	5825	Ant1	-35.07		Pass
NVNT	n40	5755	Ant1	-19.7		Pass
NVNT	n40	5795	Ant1	-42.99		Pass
NVNT	ac20	5745	Ant1	-20.95		Pass
NVNT	ac20	5825	Ant1	-36.92		Pass
NVNT	ax20	5745	Ant1	-20.84		Pass
NVNT	ax20	5825	Ant1	-37.24		Pass

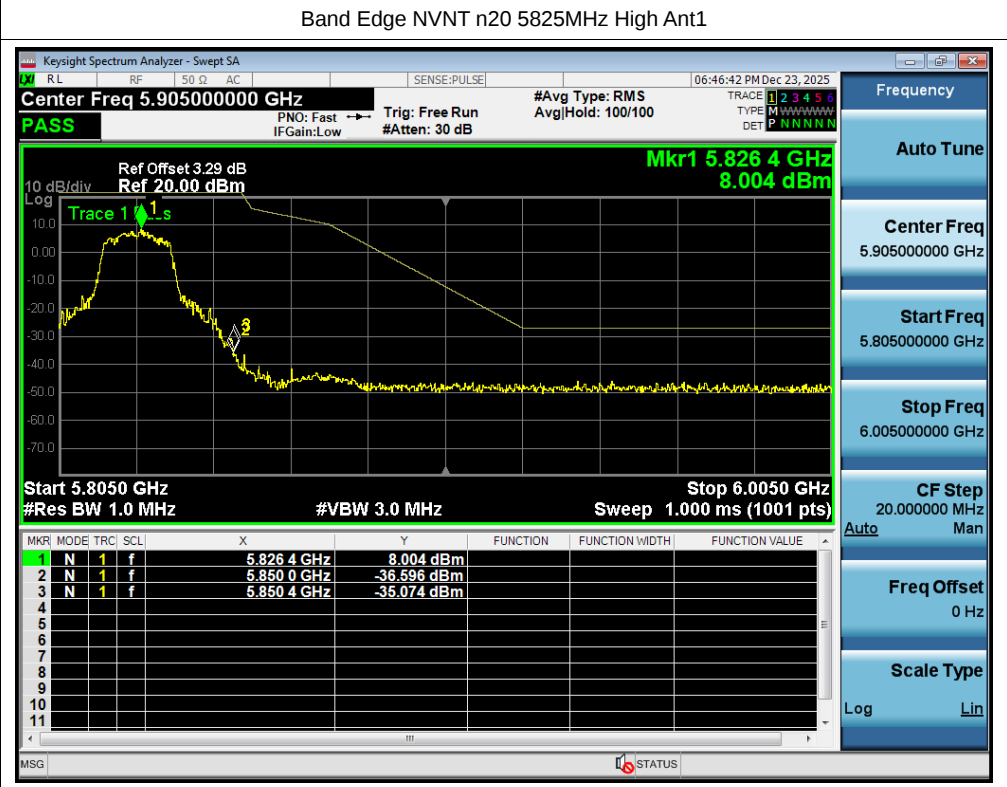
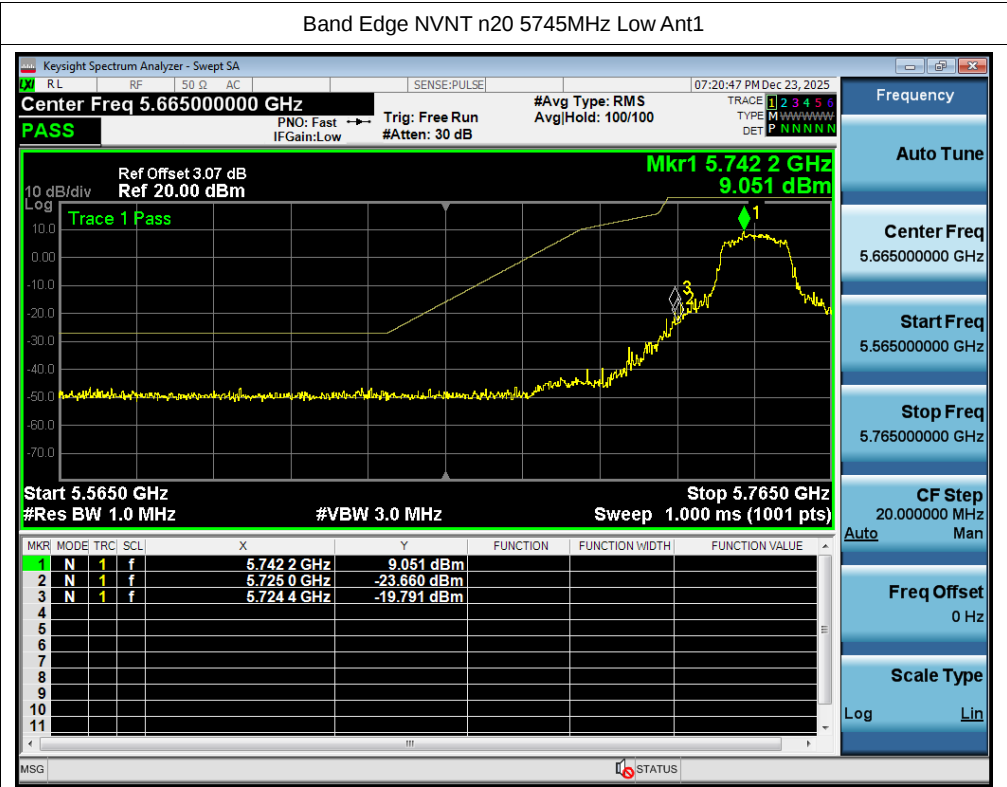
Test Graphs

Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1

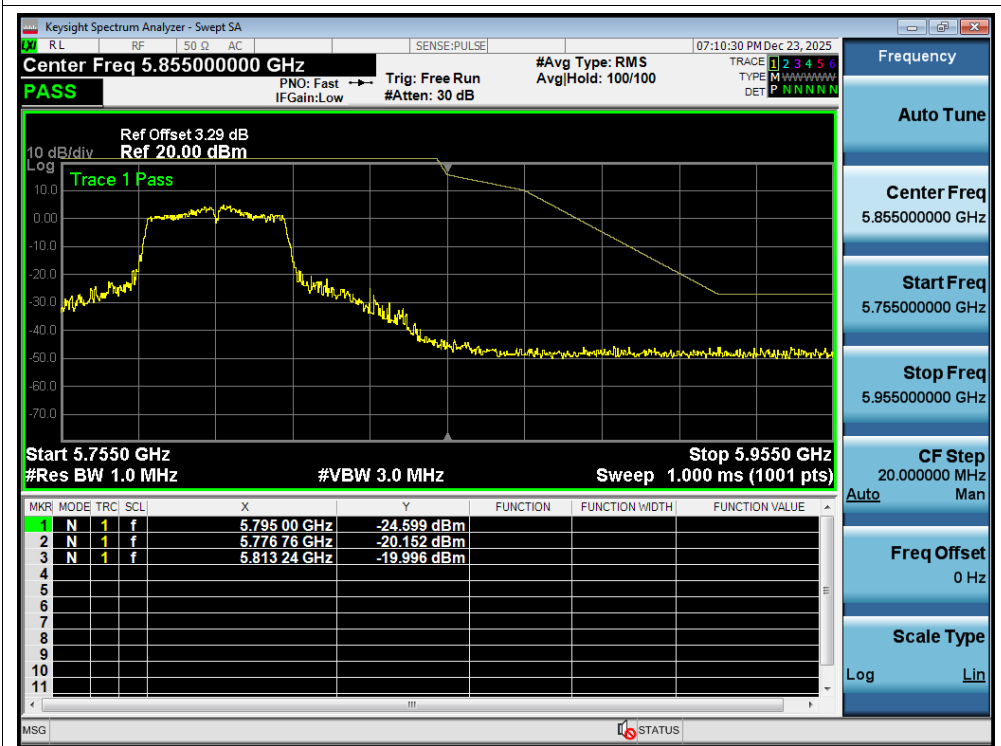


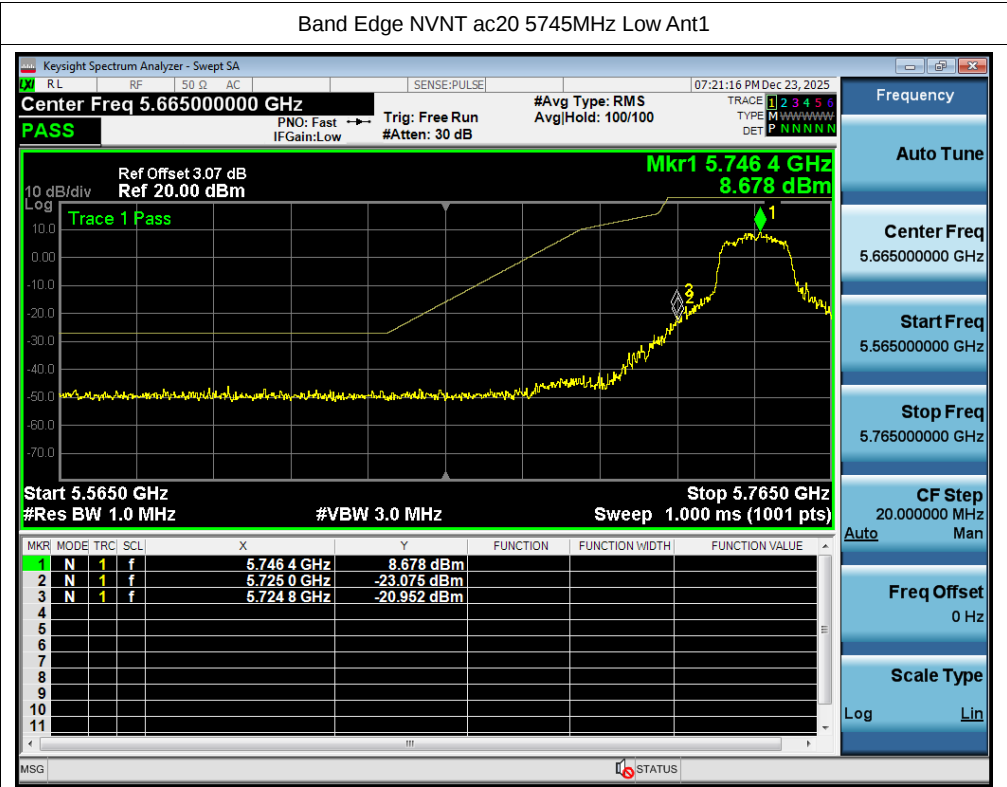


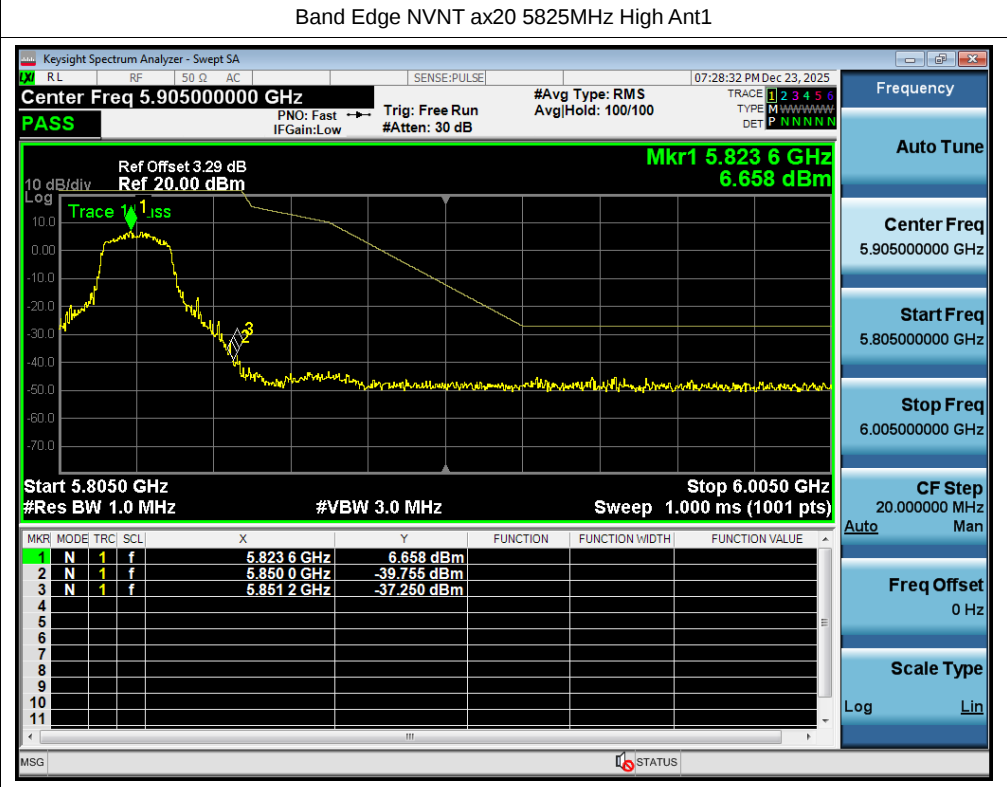
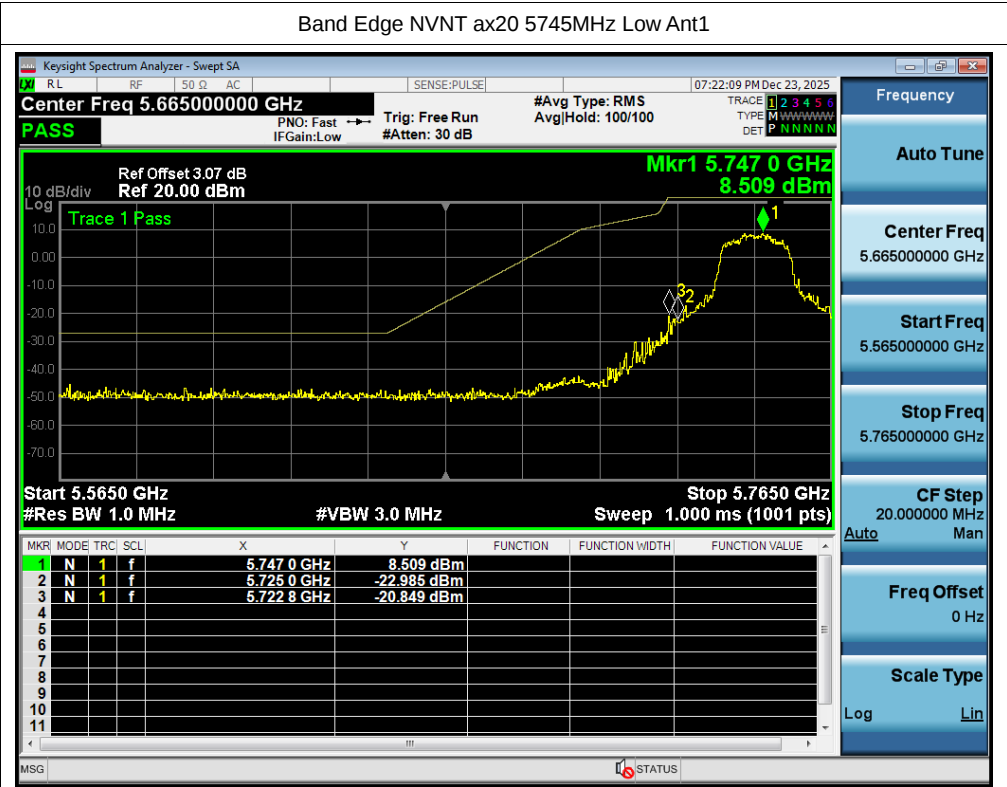
Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1





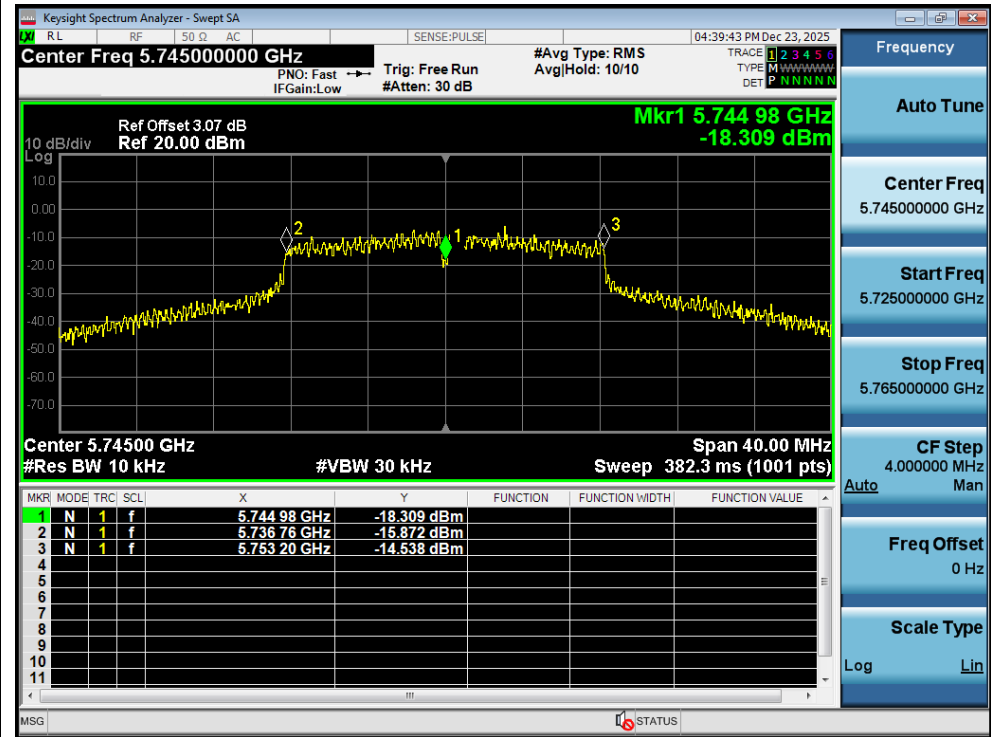


Frequency Stability

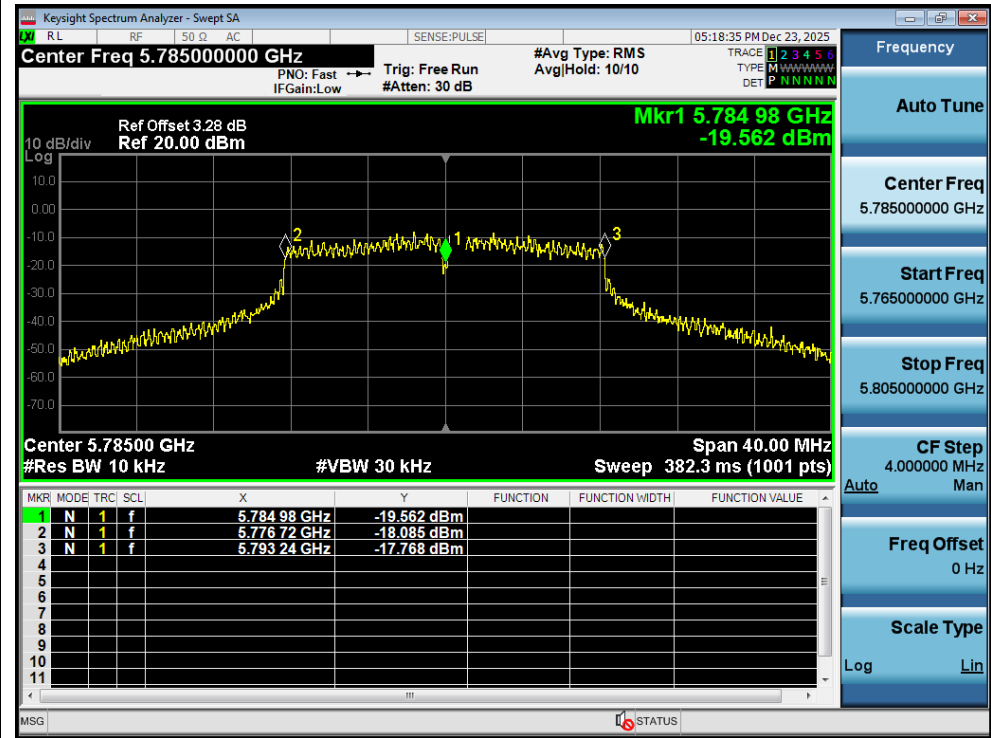
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
NVNT	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
NVNT	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
NVNT	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
NVNT	n20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
NVNT	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
NVNT	n40	5755	Ant1	5755	0	0	25	Pass
NVNT	n40	5795	Ant1	5795	0	0	25	Pass
NVNT	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
NVNT	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
NVNT	ac20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
NVNT	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
NVNT	ax20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
NVNT	ax20	5825	Ant1	5824.96	-40000	-6.87	25	Pass

Test Graphs

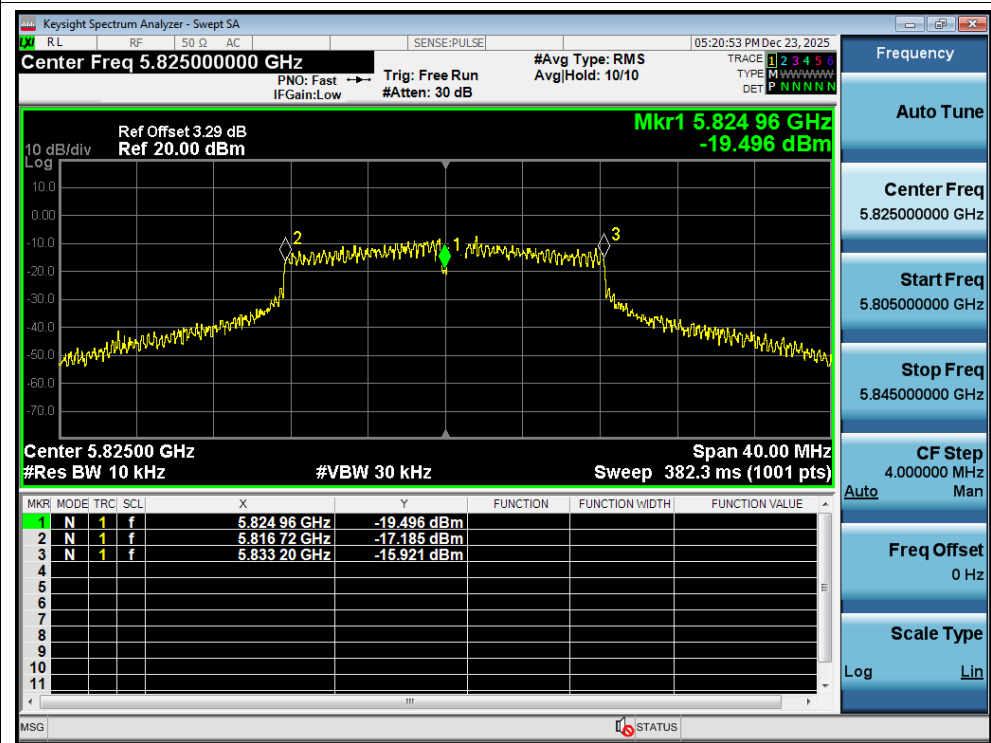
Freq. Stability NVNT a 5745MHz Ant1



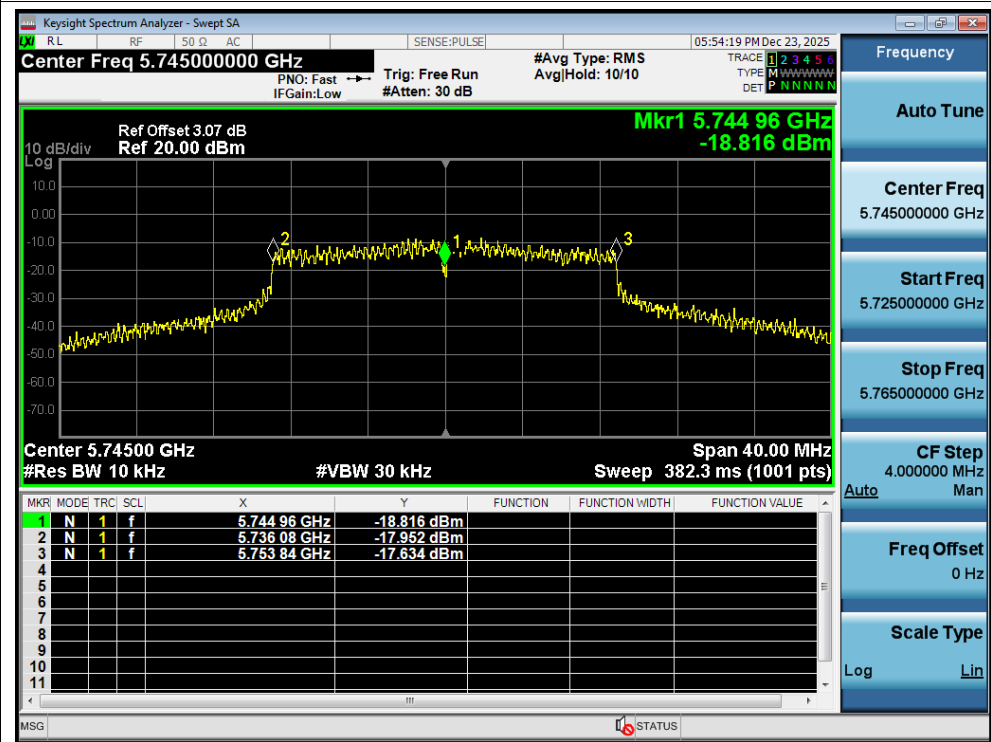
Freq. Stability NVNT a 5785MHz Ant1

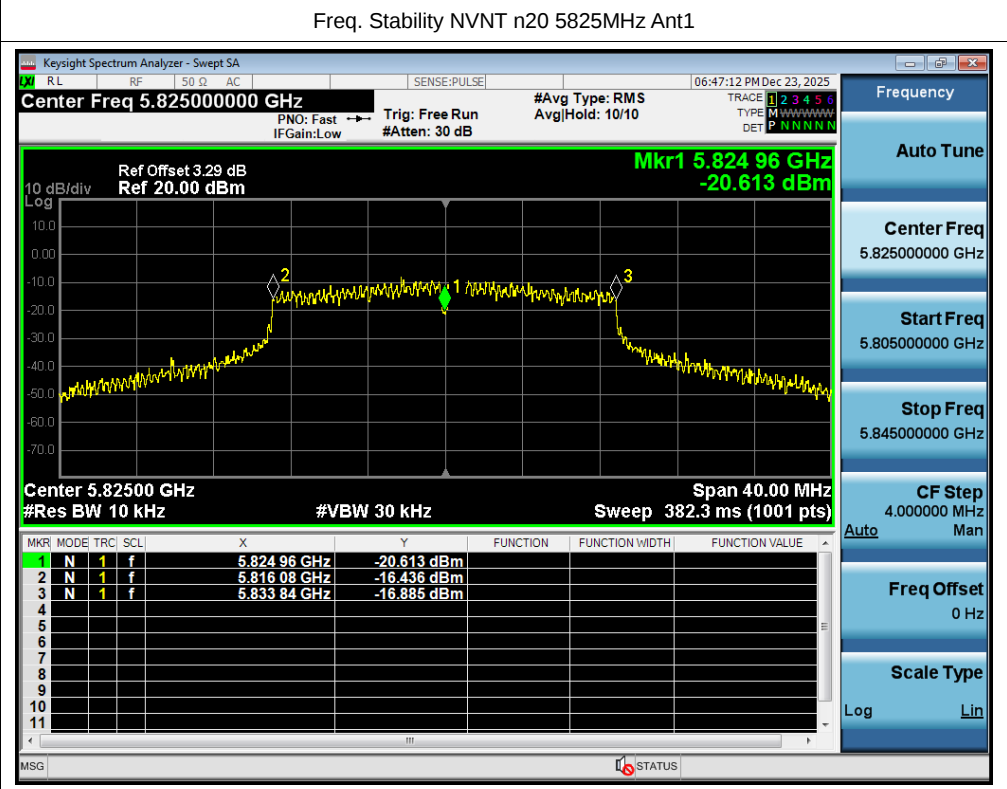
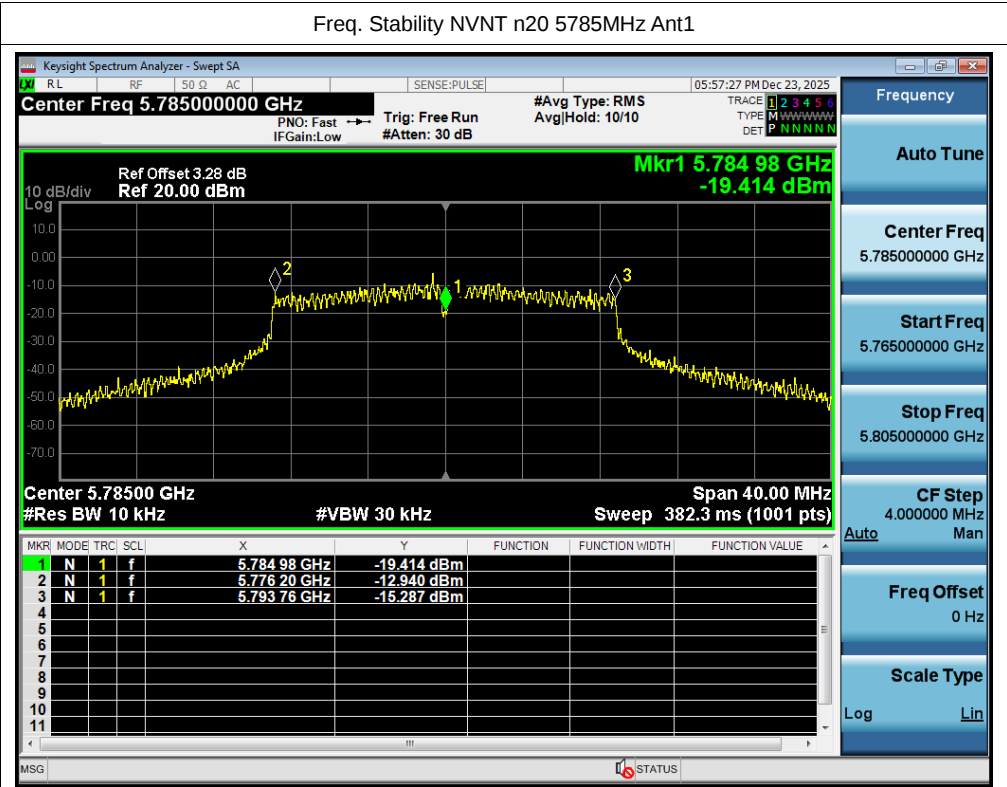


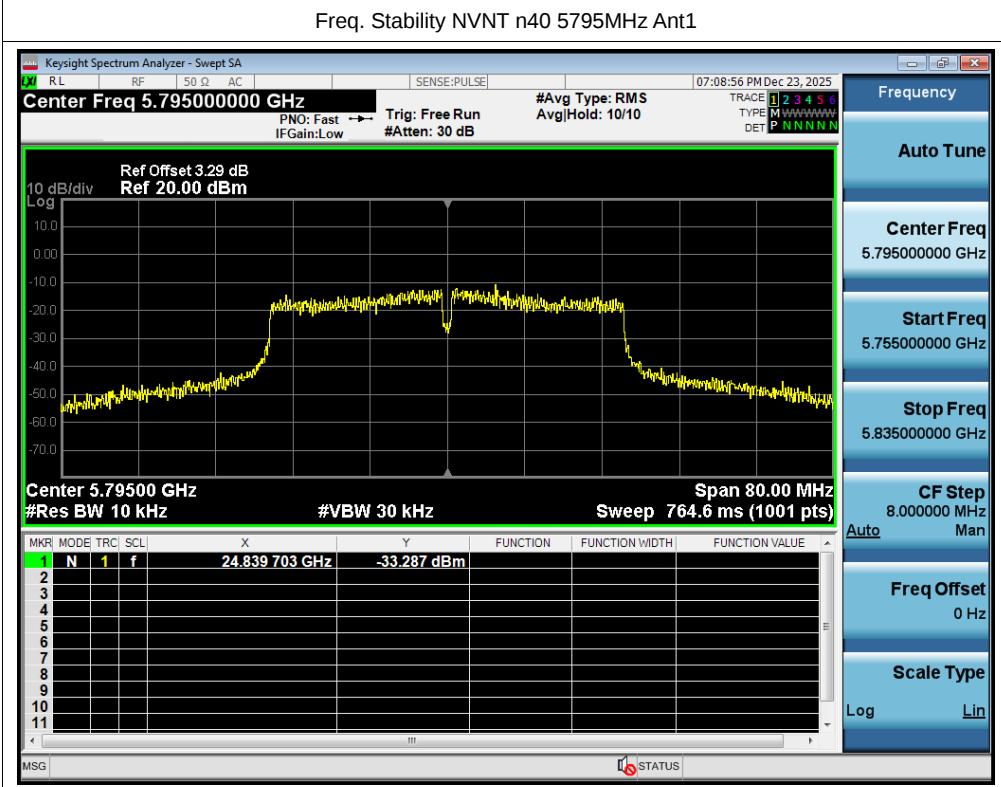
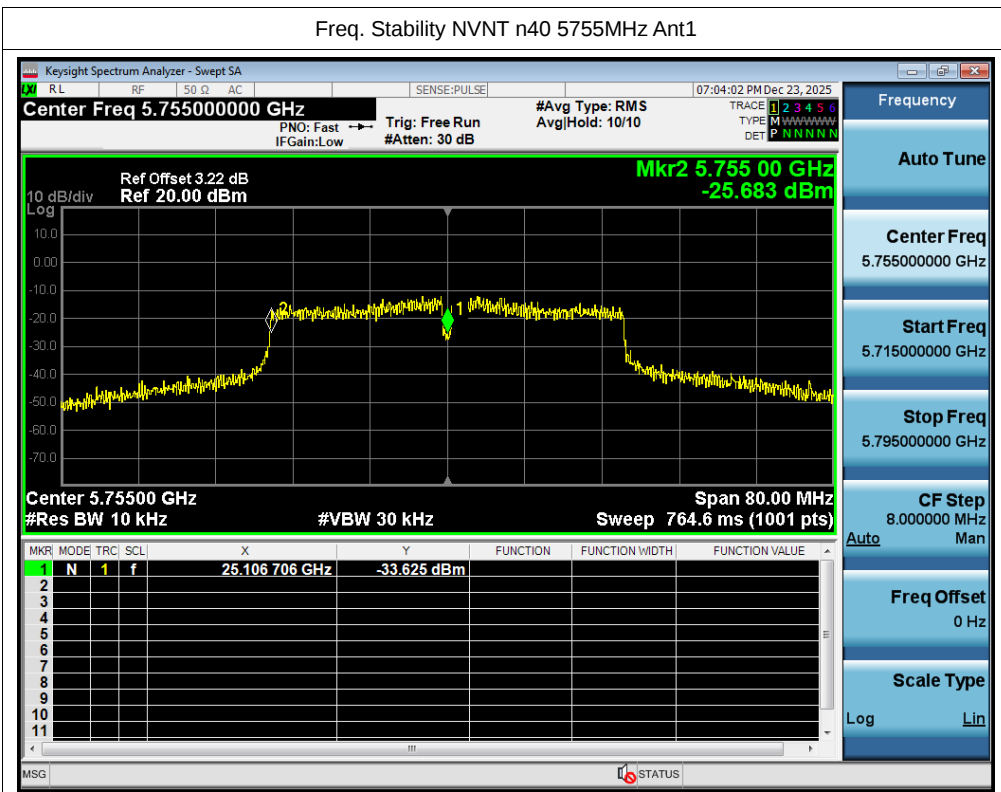
Freq. Stability NVNT a 5825MHz Ant1

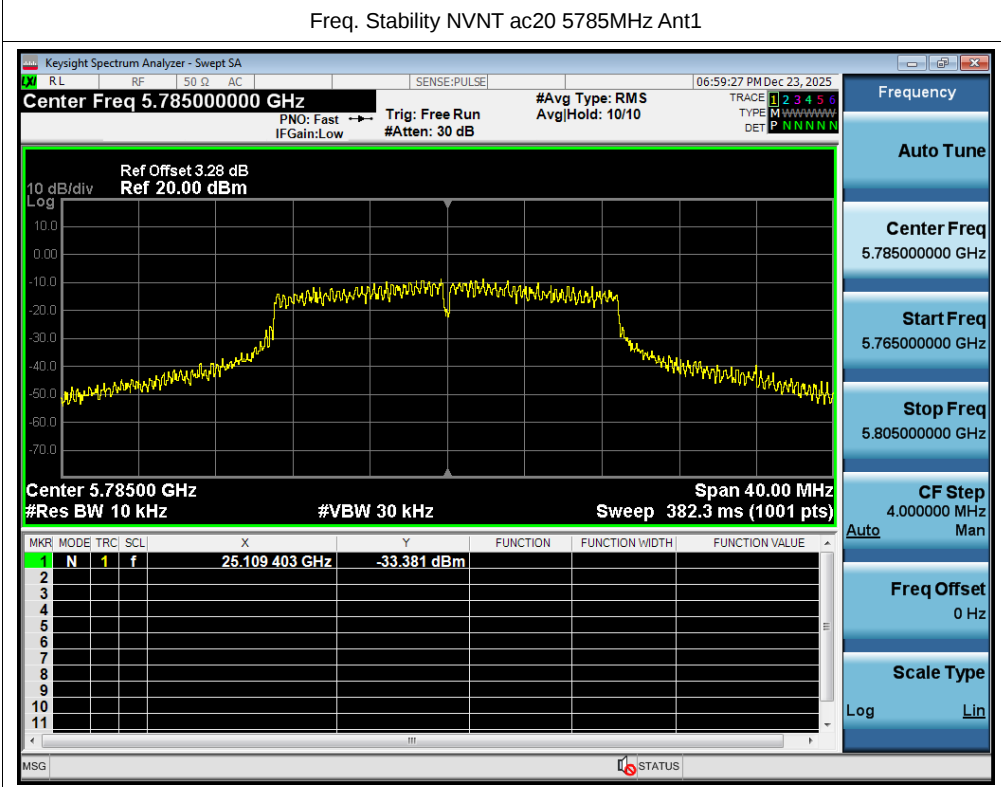
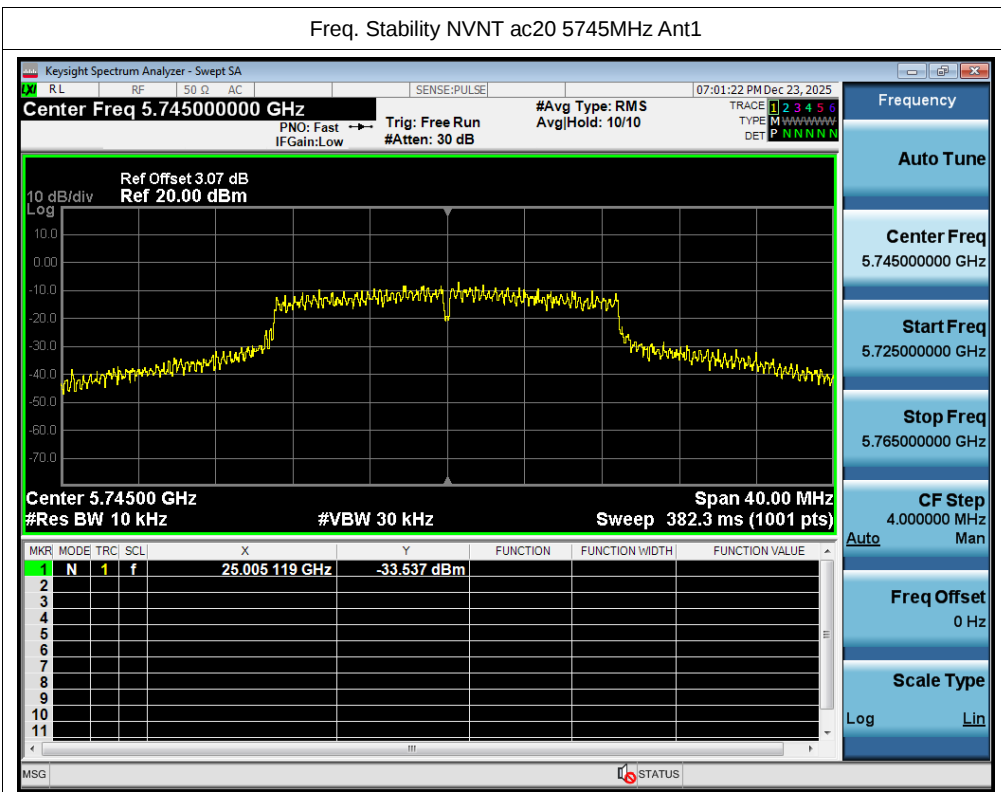


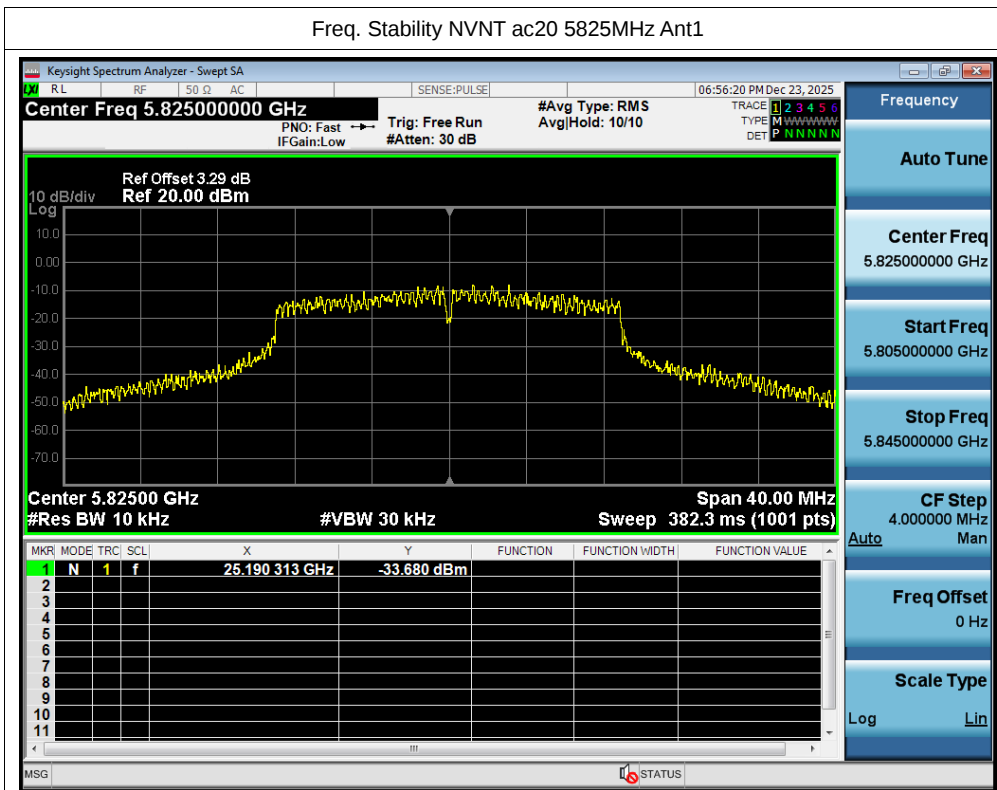
Freq. Stability NVNT n20 5745MHz Ant1



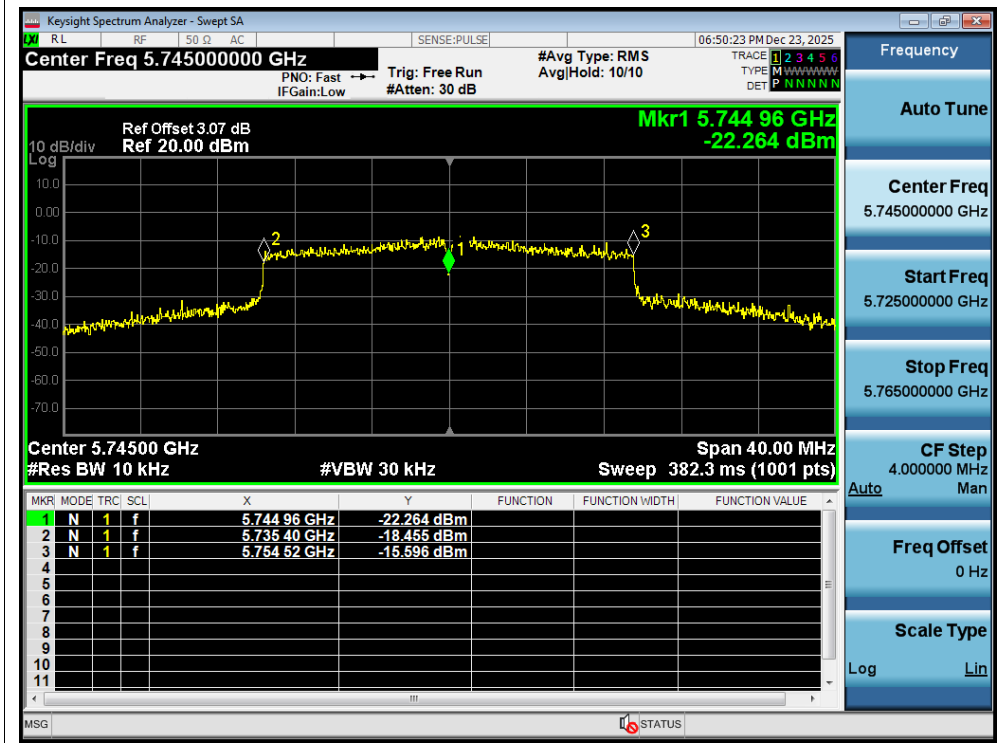




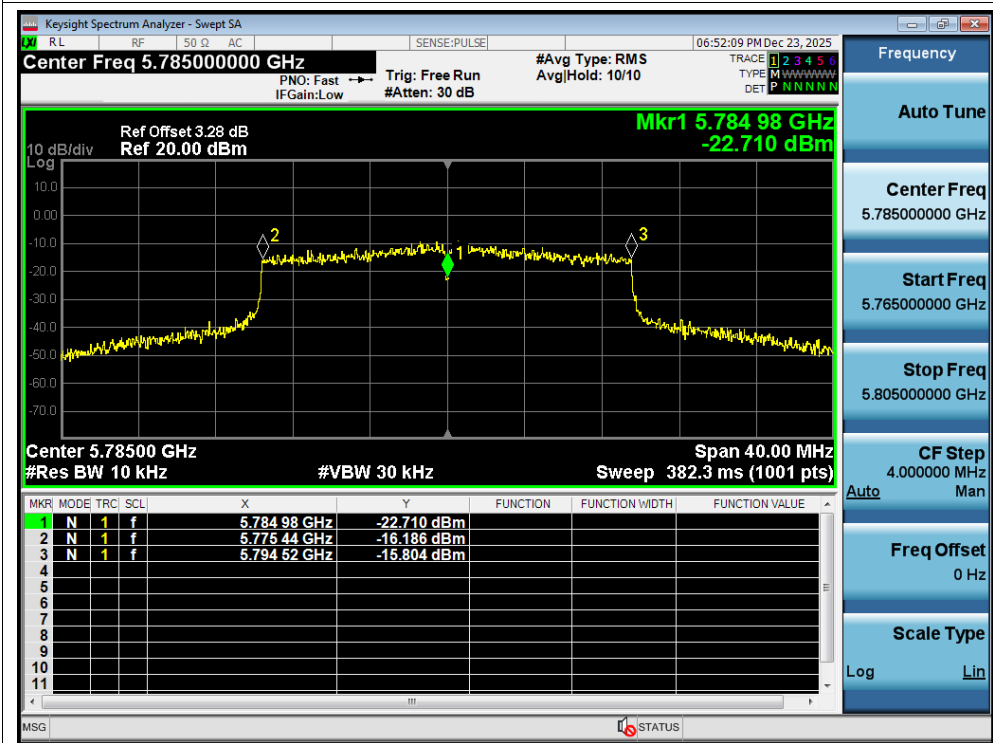




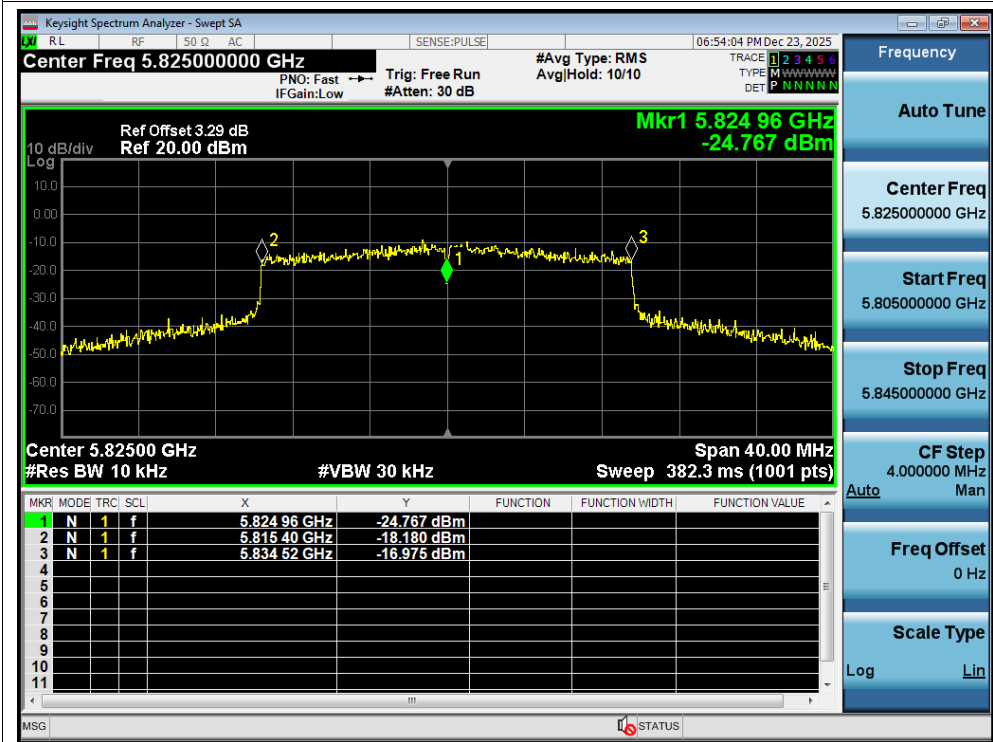
Freq. Stability NVNT ax20 5745MHz Ant1



Freq. Stability NVNT ax20 5785MHz Ant1



Freq. Stability NVNT ax20 5825MHz Ant1



Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-33.66	-27	Pass
NVNT	a	5785	Ant1	-33.43	-27	Pass
NVNT	a	5825	Ant1	-33.49	-27	Pass
NVNT	n20	5745	Ant1	-33.57	-27	Pass
NVNT	n20	5785	Ant1	-33.38	-27	Pass
NVNT	n20	5825	Ant1	-33.45	-27	Pass
NVNT	n40	5755	Ant1	-34.03	-27	Pass
NVNT	n40	5795	Ant1	-33.75	-27	Pass
NVNT	ac20	5745	Ant1	-33.54	-27	Pass
NVNT	ac20	5785	Ant1	-33.41	-27	Pass
NVNT	ac20	5825	Ant1	-33.67	-27	Pass
NVNT	ax20	5745	Ant1	-32.92	-27	Pass
NVNT	ax20	5785	Ant1	-33.1	-27	Pass
NVNT	ax20	5825	Ant1	-33.37	-27	Pass

[illegible]

The screenshot displays a Keysight Spectrum Analyzer interface. The main display shows a spectrum plot with a prominent peak at 25.101312 GHz, labeled with a power level of -33.752 dBm. The plot is set to a resolution bandwidth (RBW) of 3.0 MHz and a sweep time of 68.0 ms. The center frequency is 13.51500000 GHz. The interface includes various control panels for frequency, resolution, and measurement settings.

Top Panel:

- Keysight Spectrum Analyzer - Swept SA
- RL RF 50 Ω AC
- SENSE: PULSE
- 07:18:09 PM Dec 23, 2025
- Center Freq 13.51500000 GHz
- PNO: Fast IF Gain: Low
- Trig: Free Run #Atten: 30 dB
- #Avg Type: RMS Avg/Hold: 100/100
- TRACE 1 2 3 4 5 6
- TYPE M W W W W W W
- DET P N N N N N

Plot Area:

- Ref Offset: 2.76 dB
- Ref 20.00 dBm
- Mkr1 25.101 312 GHz
- 33.752 dBm
- 10 dB/div
- Log
- Start 30 MHz
- #Res BW 1.0 MHz
- #VBW 3.0 MHz
- Sweep 68.0 ms (30001 pts)
- Stop 27.00 GHz

Right Panel:

- Frequency
- Auto Tune
- Center Freq 13.51500000 GHz
- Start Freq 30.000000 MHz
- Stop Freq 27.00000000 GHz
- CF Step 2.697000000 GHz
- Auto Man
- Freq Offset 0 Hz
- Scale Type Log Lin

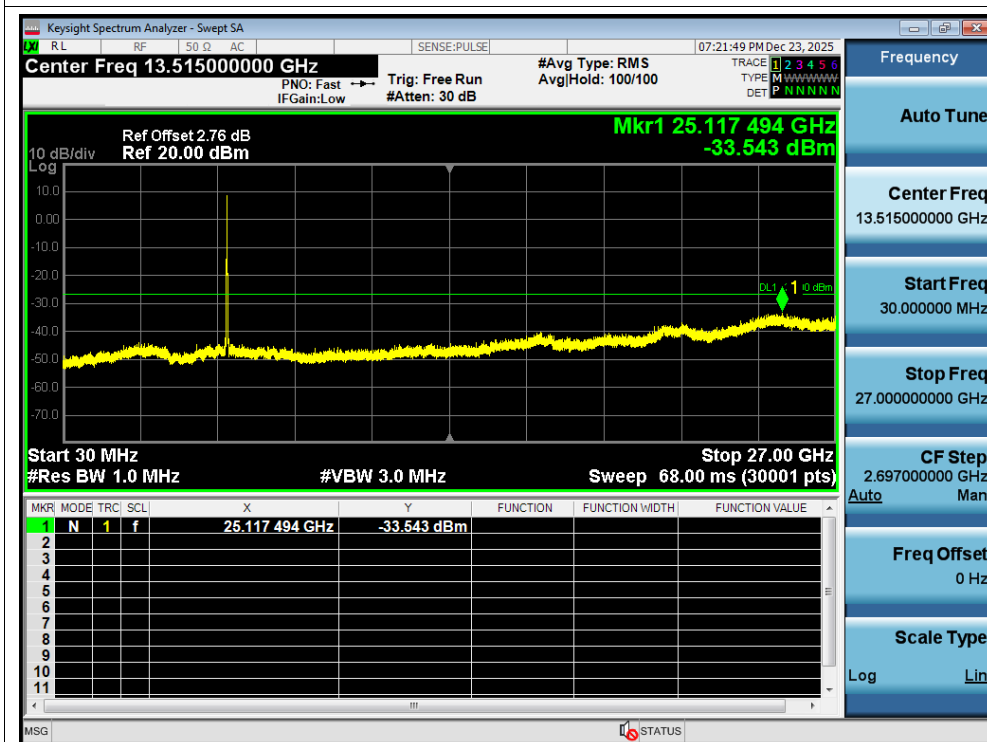
Table:

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	25.101 312 GHz	-33.752 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

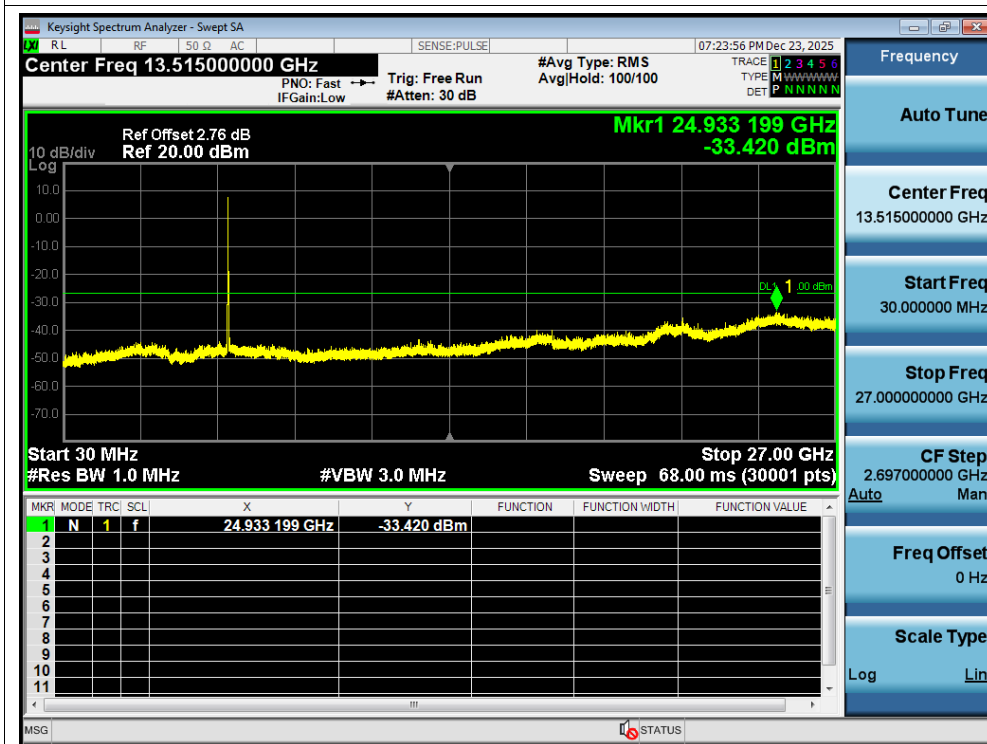
Bottom Panel:

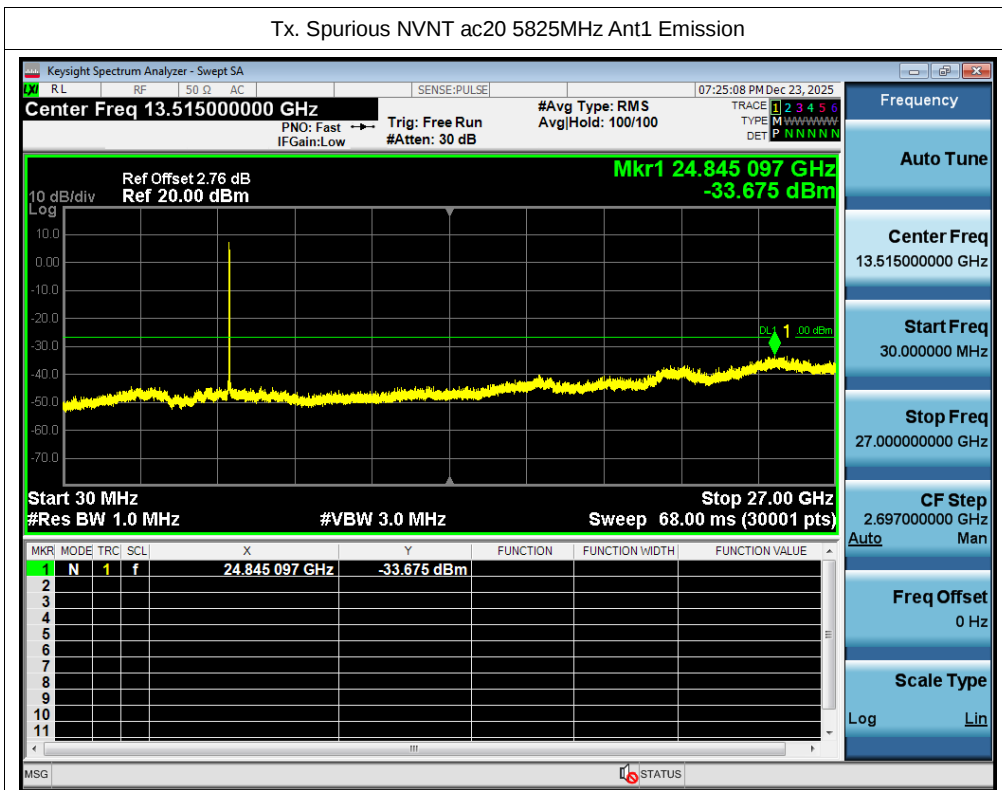
- MSG
- STATUS

Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



Tx. Spurious NVNT ac20 5785MHz Ant1 Emission





Tx. Spurious NVNT ax20 5745MHz Ant1 Emission

