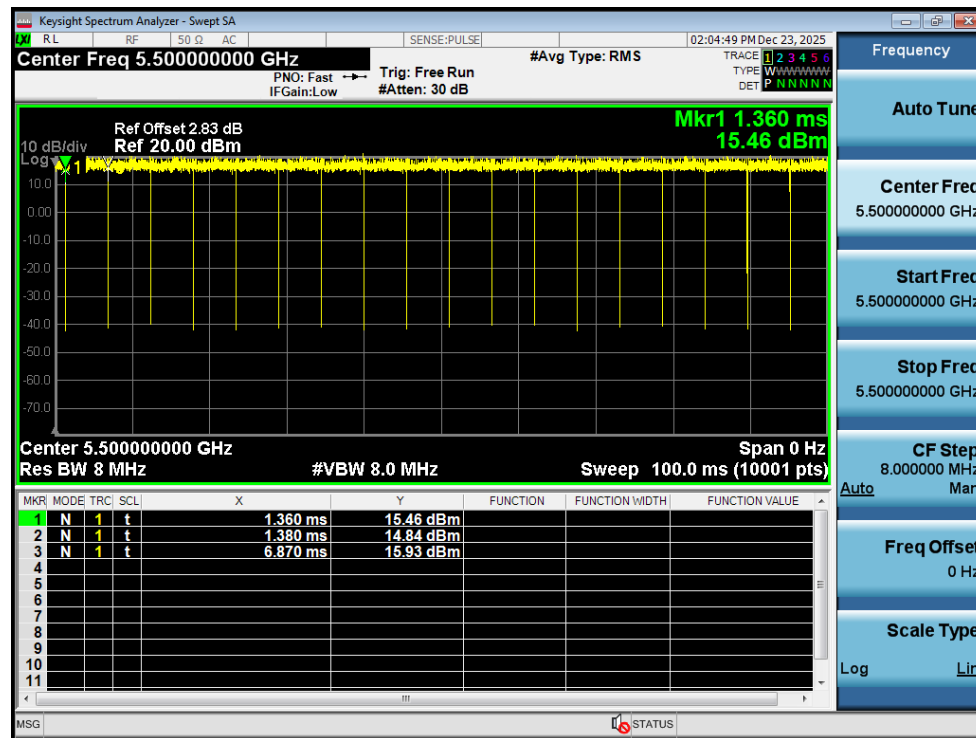


Duty Cycle

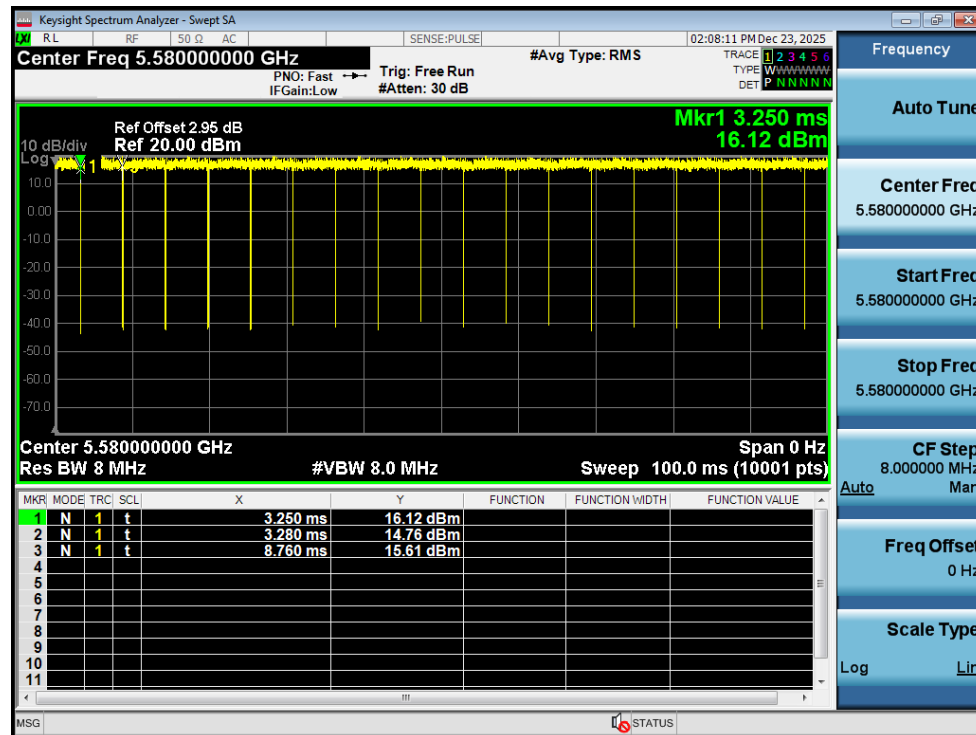
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	99.64	0	0.18
NVNT	a	5580	Ant1	99.46	0	0.18
NVNT	a	5700	Ant1	99.46	0	0.18
NVNT	n20	5500	Ant1	99.61	0	0.2
NVNT	n20	5580	Ant1	99.41	0	0.2
NVNT	n20	5700	Ant1	99.41	0	0.2
NVNT	n40	5510	Ant1	98.8	0	0.4
NVNT	n40	5550	Ant1	99.2	0	0.4
NVNT	n40	5670	Ant1	98.8	0	0.4
NVNT	ac20	5500	Ant1	99.41	0	0.2
NVNT	ac20	5580	Ant1	99.61	0	0.2
NVNT	ac20	5700	Ant1	99.41	0	0.2
NVNT	ax20	5500	Ant1	99.23	0	0.26
NVNT	ax20	5580	Ant1	99.49	0	0.26
NVNT	ax20	5700	Ant1	99.23	0	0.26

Test Graphs

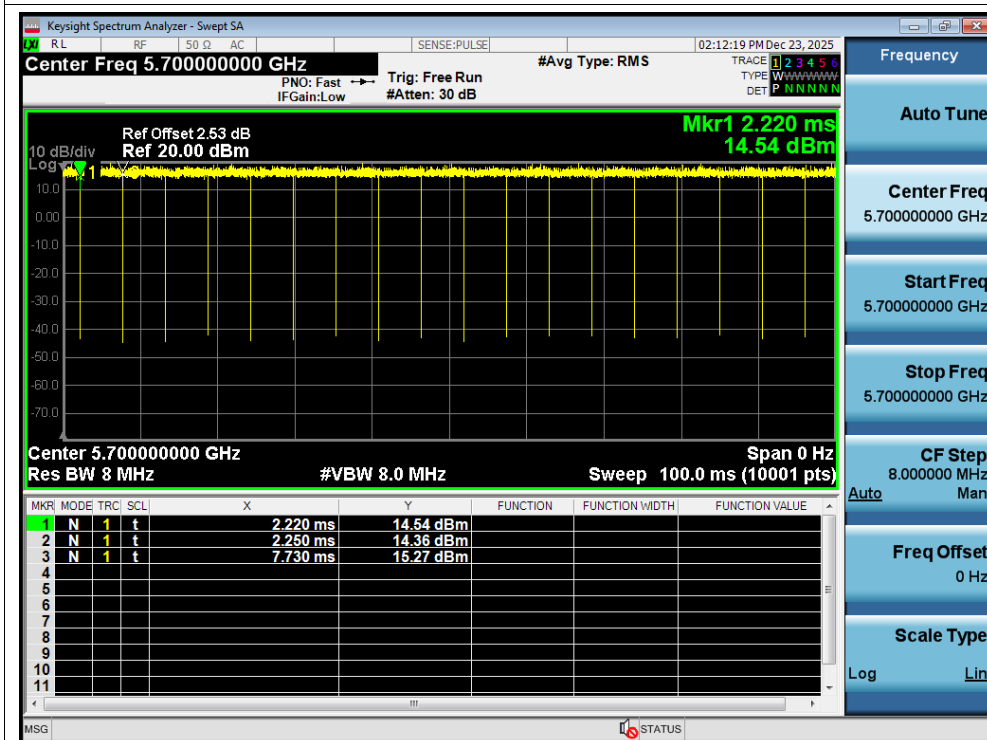
Duty Cycle NVNT a 5500MHz Ant1



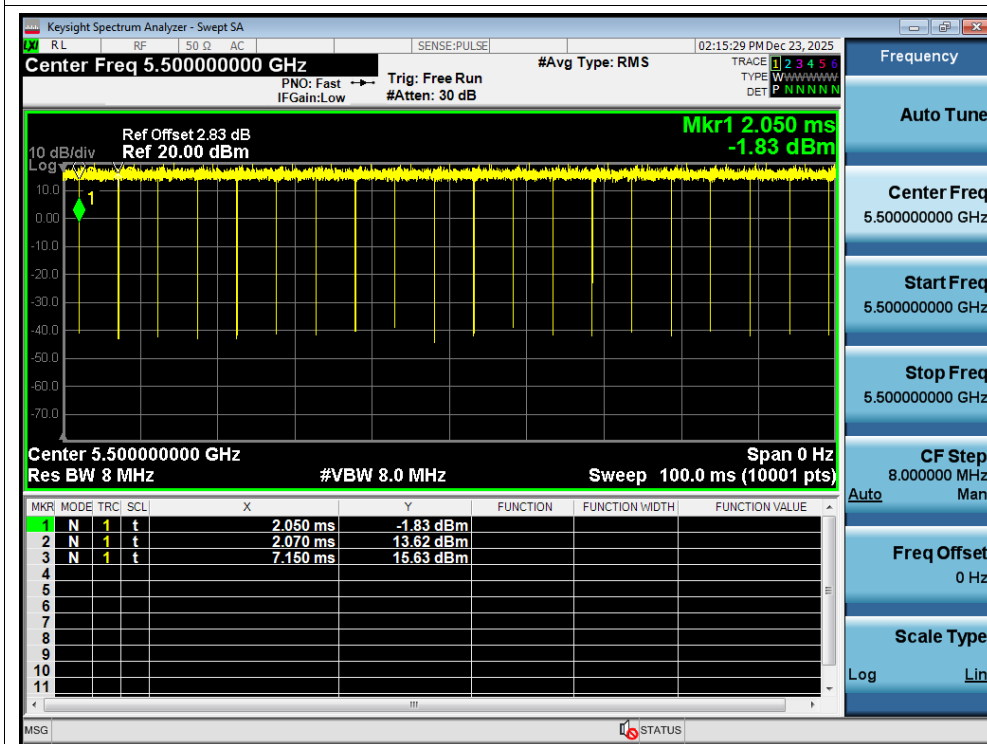
Duty Cycle NVNT a 5580MHz Ant1



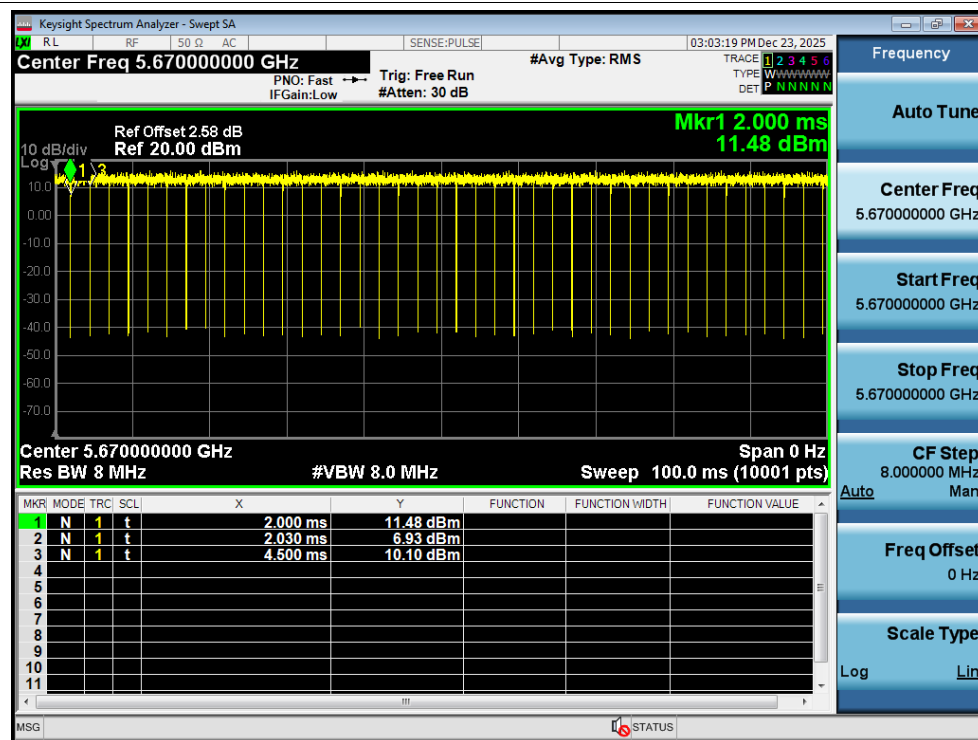
Duty Cycle NVNT a 5700MHz Ant1



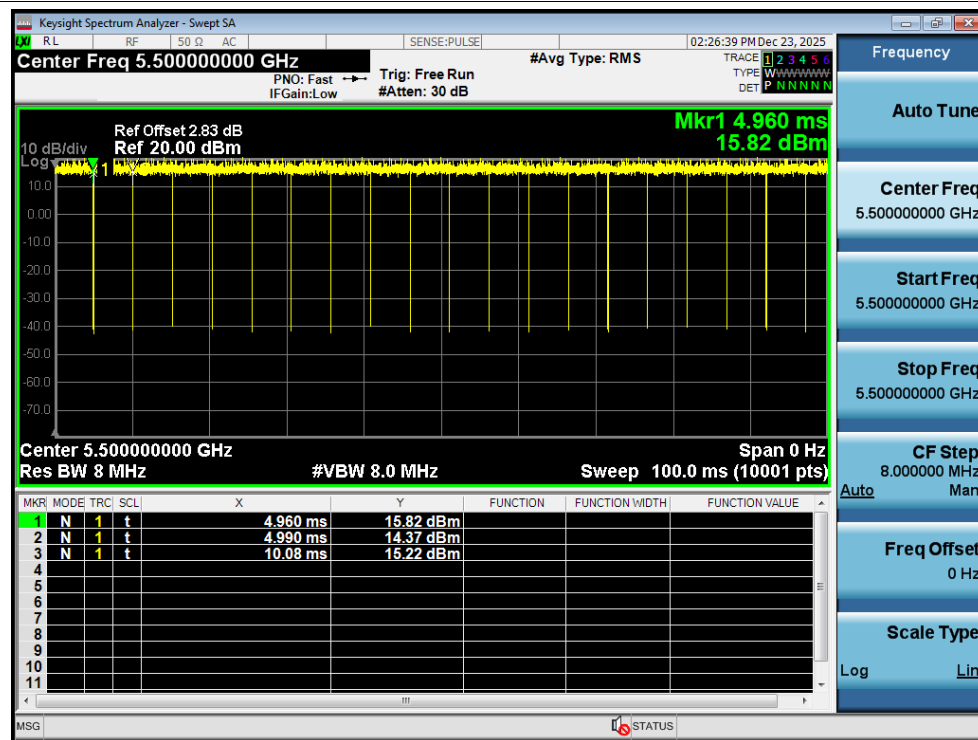
Duty Cycle NVNT n20 5500MHz Ant1



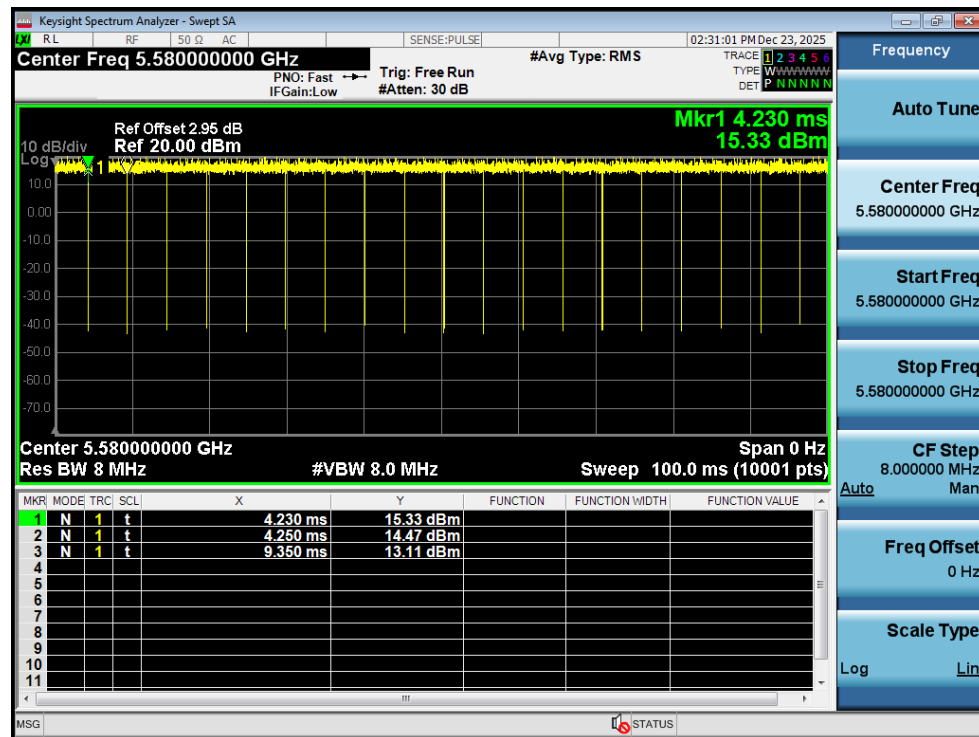
Duty Cycle NVNT n40 5670MHz Ant1



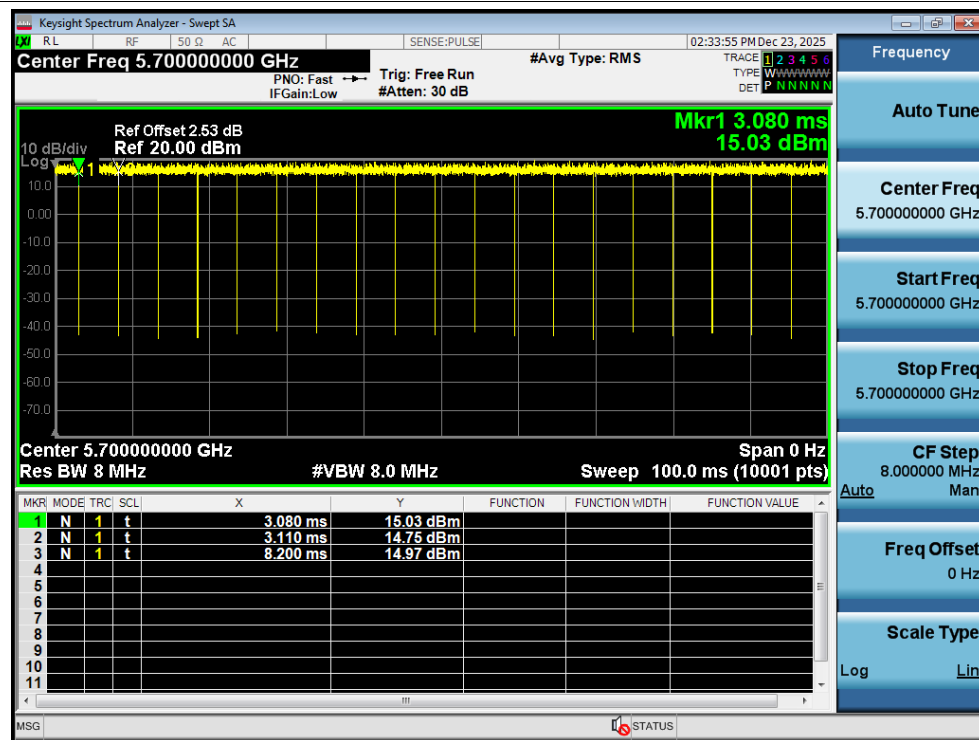
Duty Cycle NVNT ac20 5500MHz Ant1



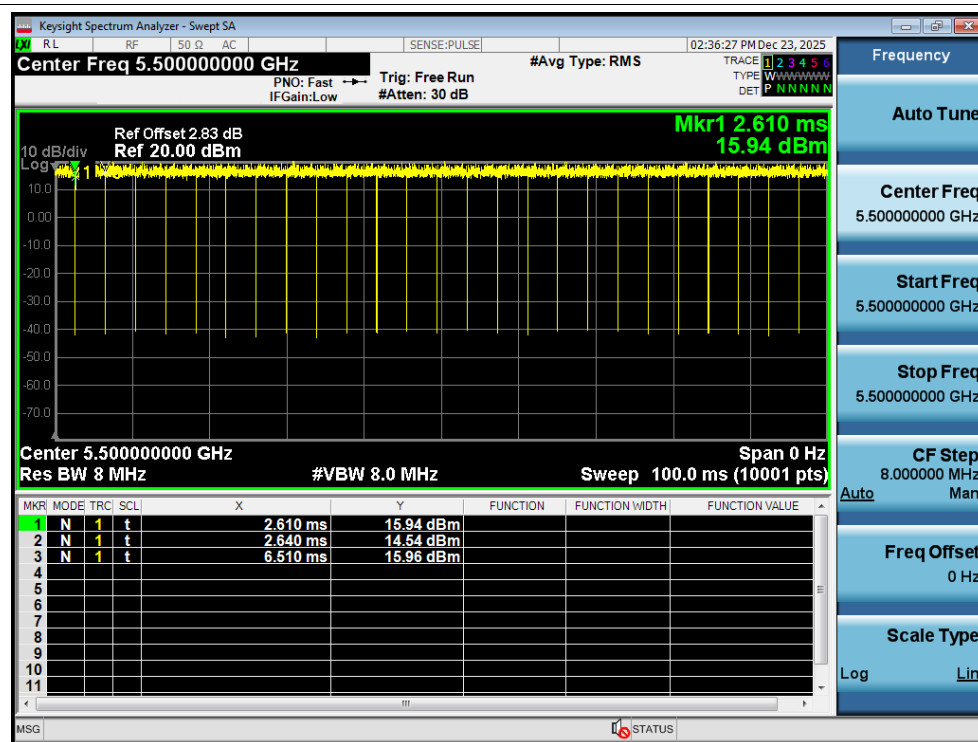
Duty Cycle NVNT ac20 5580MHz Ant1



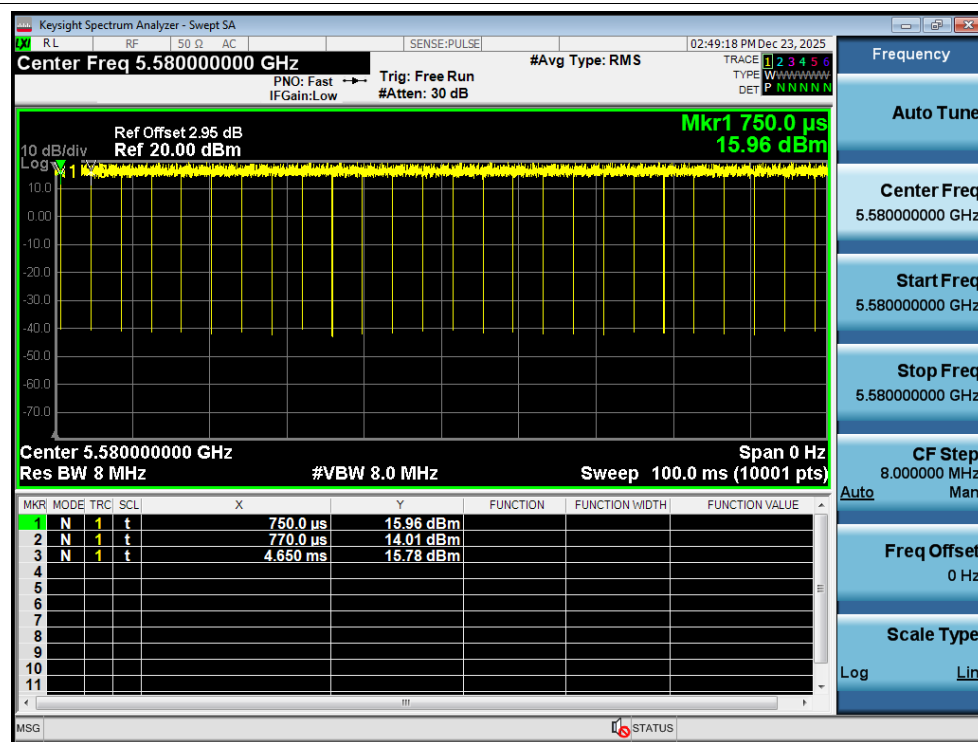
Duty Cycle NVNT ac20 5700MHz Ant1

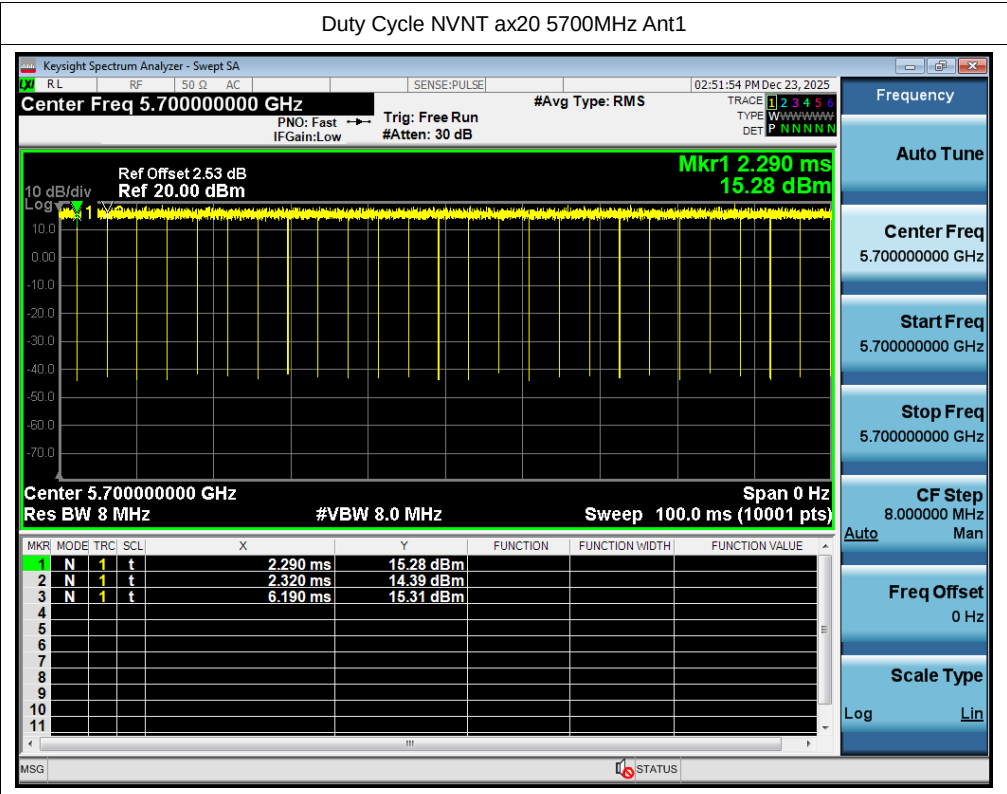


Duty Cycle NVNT ax20 5500MHz Ant1



Duty Cycle NVNT ax20 5580MHz Ant1





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	12.07	24	Pass
NVNT	a	5580	Ant1	11.96	24	Pass
NVNT	a	5700	Ant1	11.77	24	Pass
NVNT	n20	5500	Ant1	10.9	24	Pass
NVNT	n20	5580	Ant1	11.35	24	Pass
NVNT	n20	5700	Ant1	11.33	24	Pass
NVNT	n40	5510	Ant1	10.73	24	Pass
NVNT	n40	5550	Ant1	10.91	24	Pass
NVNT	n40	5670	Ant1	10.77	24	Pass
NVNT	ac20	5500	Ant1	11.68	24	Pass
NVNT	ac20	5580	Ant1	11.45	24	Pass
NVNT	ac20	5700	Ant1	11.75	24	Pass
NVNT	ax20	5500	Ant1	11.56	24	Pass
NVNT	ax20	5580	Ant1	11.43	24	Pass
NVNT	ax20	5700	Ant1	11.17	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	20.839	0.5	Pass
NVNT	a	5580	Ant1	25.949	0.5	Pass
NVNT	a	5700	Ant1	27.92	0.5	Pass
NVNT	n20	5500	Ant1	21.528	0.5	Pass
NVNT	n20	5580	Ant1	27.295	0.5	Pass
NVNT	n20	5700	Ant1	27.516	0.5	Pass
NVNT	n40	5510	Ant1	41.31	0.5	Pass
NVNT	n40	5550	Ant1	41.116	0.5	Pass
NVNT	n40	5670	Ant1	41.747	0.5	Pass
NVNT	ac20	5500	Ant1	21.798	0.5	Pass
NVNT	ac20	5580	Ant1	22.486	0.5	Pass
NVNT	ac20	5700	Ant1	25.892	0.5	Pass
NVNT	ax20	5500	Ant1	21.924	0.5	Pass
NVNT	ax20	5580	Ant1	21.85	0.5	Pass
NVNT	ax20	5700	Ant1	24.599	0.5	Pass

Test Graphs

-26dB Bandwidth NVNT a 5500MHz Ant1



-26dB Bandwidth NVNT a 5580MHz Ant1



-26dB Bandwidth NVNT a 5700MHz Ant1



-26dB Bandwidth NVNT n20 5500MHz Ant1



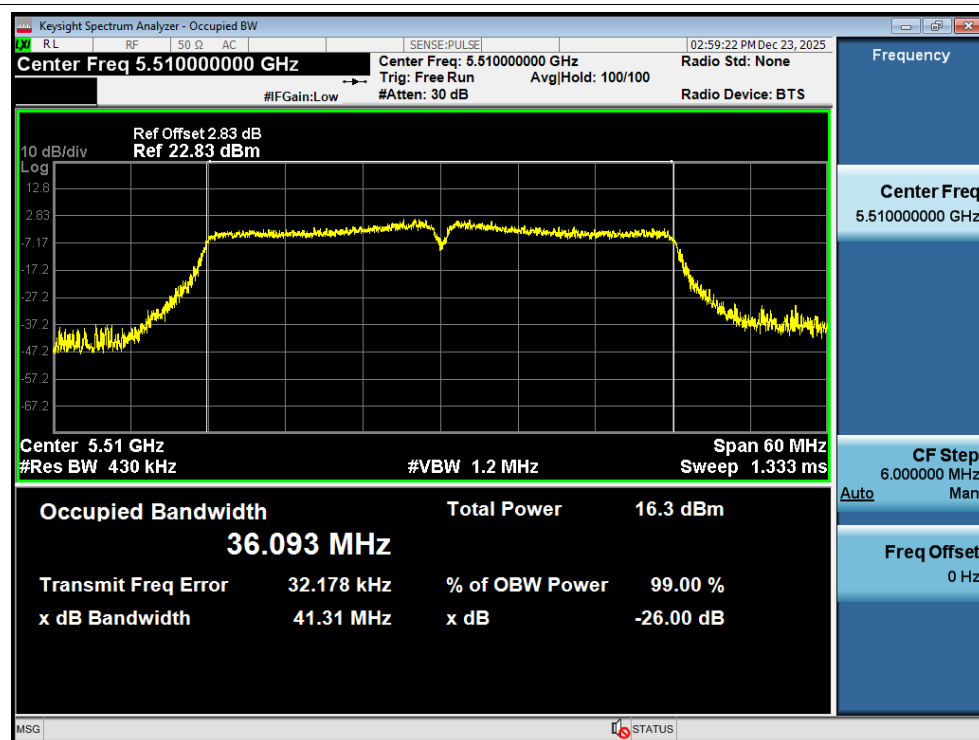
-26dB Bandwidth NVNT n20 5580MHz Ant1



-26dB Bandwidth NVNT n20 5700MHz Ant1



-26dB Bandwidth NVNT n40 5510MHz Ant1



-26dB Bandwidth NVNT n40 5550MHz Ant1



-26dB Bandwidth NVNT n40 5670MHz Ant1



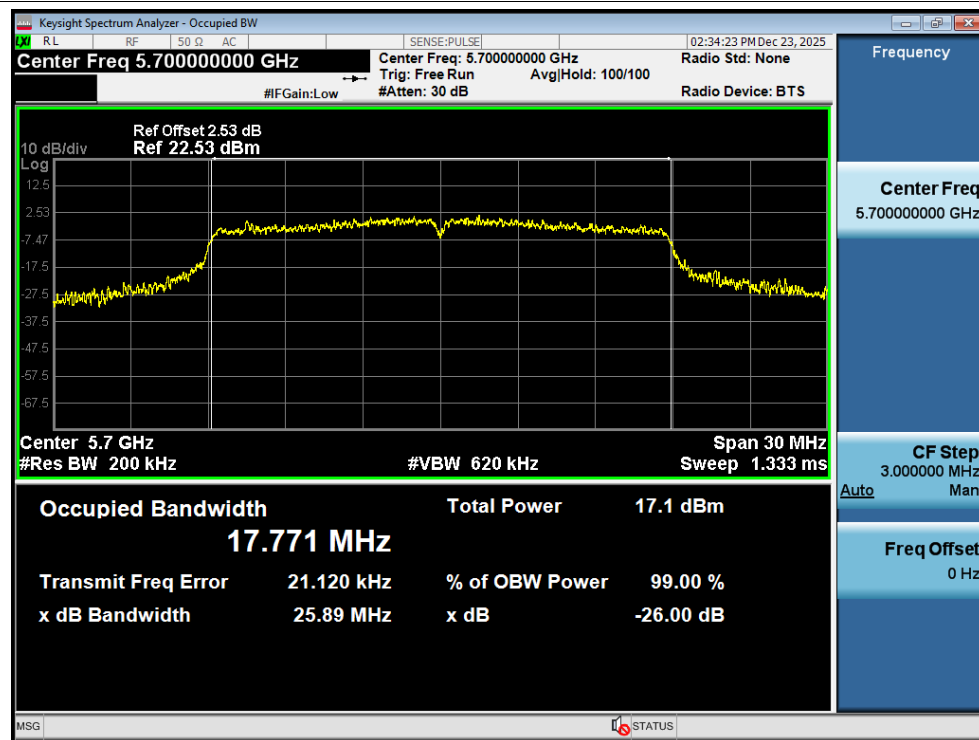
-26dB Bandwidth NVNT ac20 5500MHz Ant1



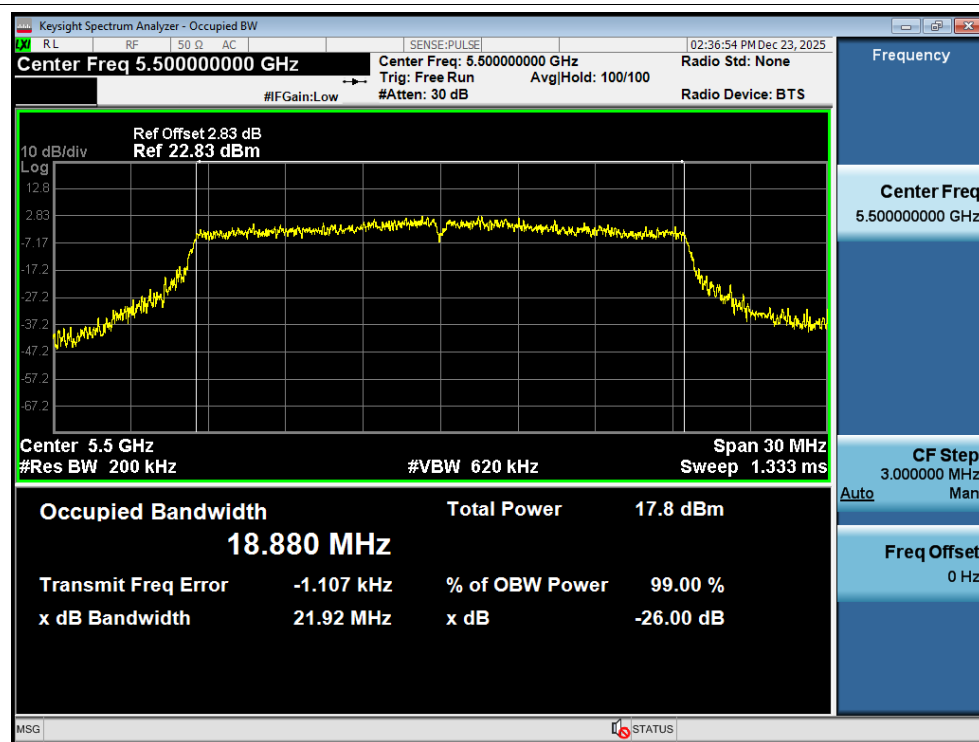
-26dB Bandwidth NVNT ac20 5580MHz Ant1



-26dB Bandwidth NVNT ac20 5700MHz Ant1

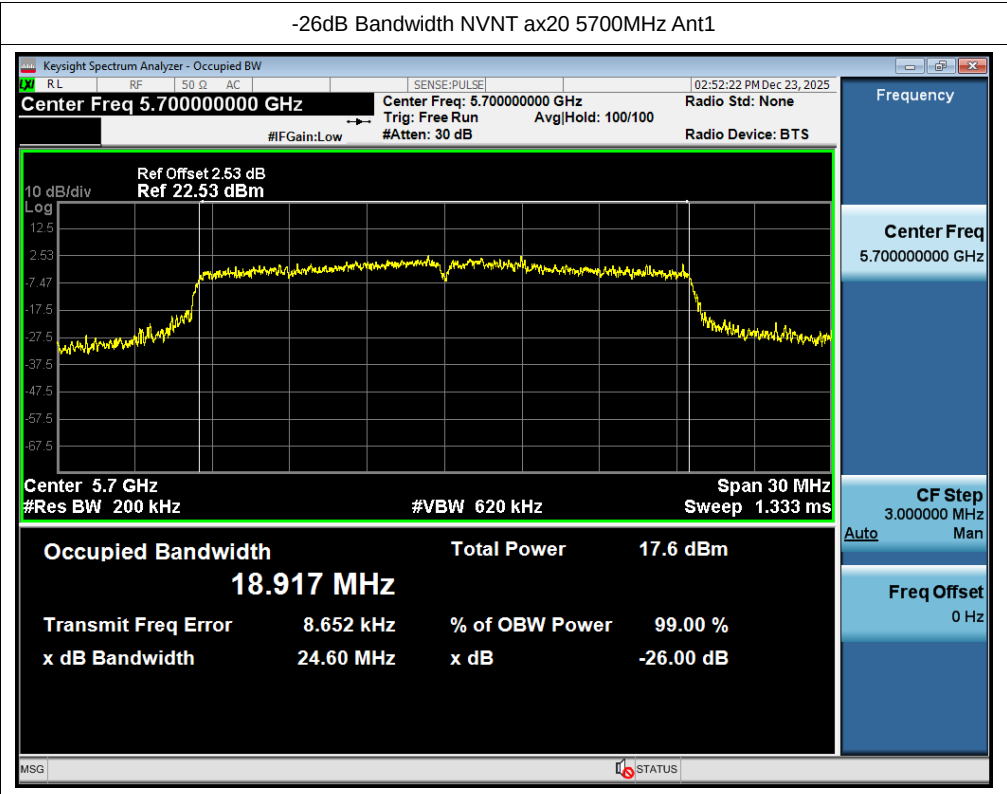


-26dB Bandwidth NVNT ax20 5500MHz Ant1



-26dB Bandwidth NVNT ax20 5580MHz Ant1





Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.445
NVNT	a	5580	Ant1	16.595
NVNT	a	5700	Ant1	16.715
NVNT	n20	5500	Ant1	17.613
NVNT	n20	5580	Ant1	17.853
NVNT	n20	5700	Ant1	18.145
NVNT	n40	5510	Ant1	36.136
NVNT	n40	5550	Ant1	36.101
NVNT	n40	5670	Ant1	36.11
NVNT	ac20	5500	Ant1	17.595
NVNT	ac20	5580	Ant1	17.651
NVNT	ac20	5700	Ant1	17.784
NVNT	ax20	5500	Ant1	18.894
NVNT	ax20	5580	Ant1	18.885
NVNT	ax20	5700	Ant1	18.975

Test Graphs

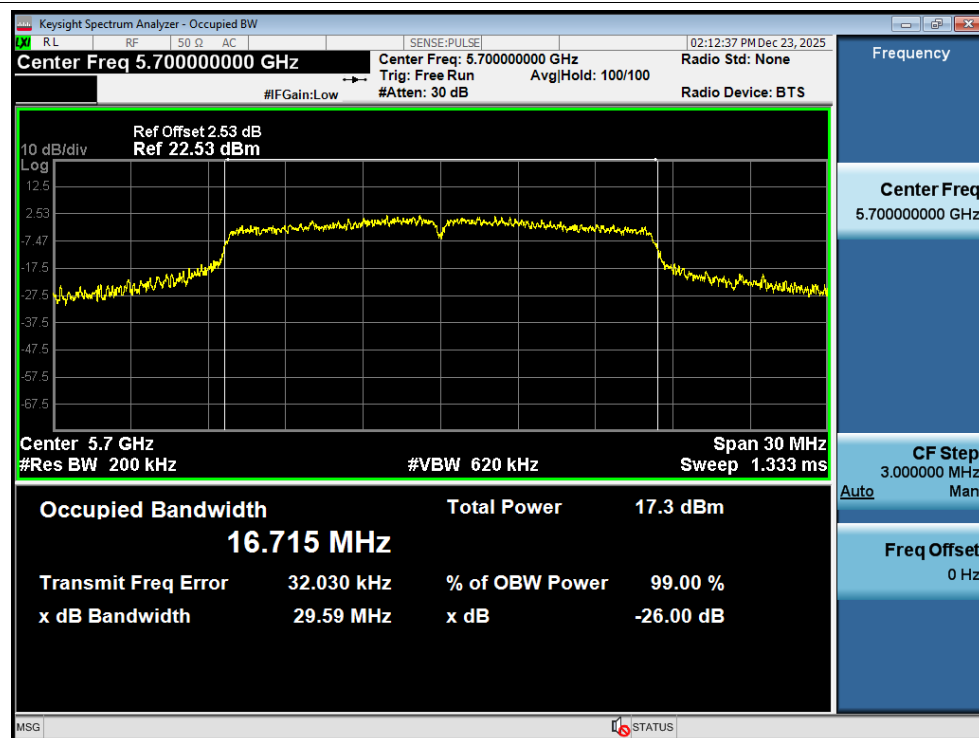
OBW NVNT a 5500MHz Ant1



OBW NVNT a 5580MHz Ant1



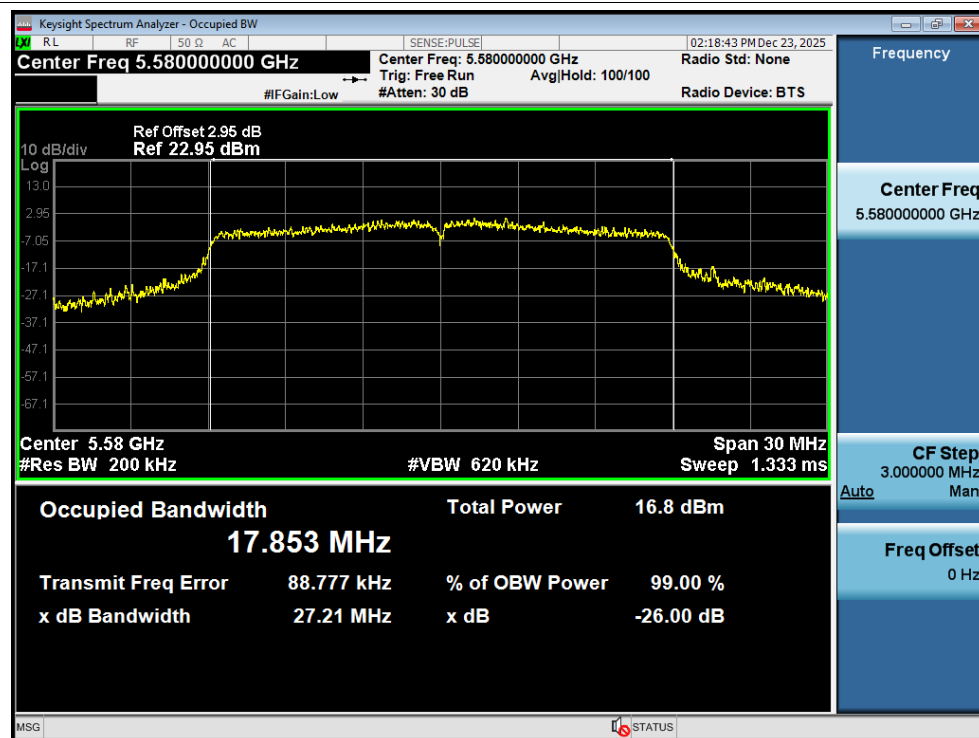
OBW NVNT a 5700MHz Ant1



OBW NVNT n20 5500MHz Ant1



OBW NVNT n20 5580MHz Ant1



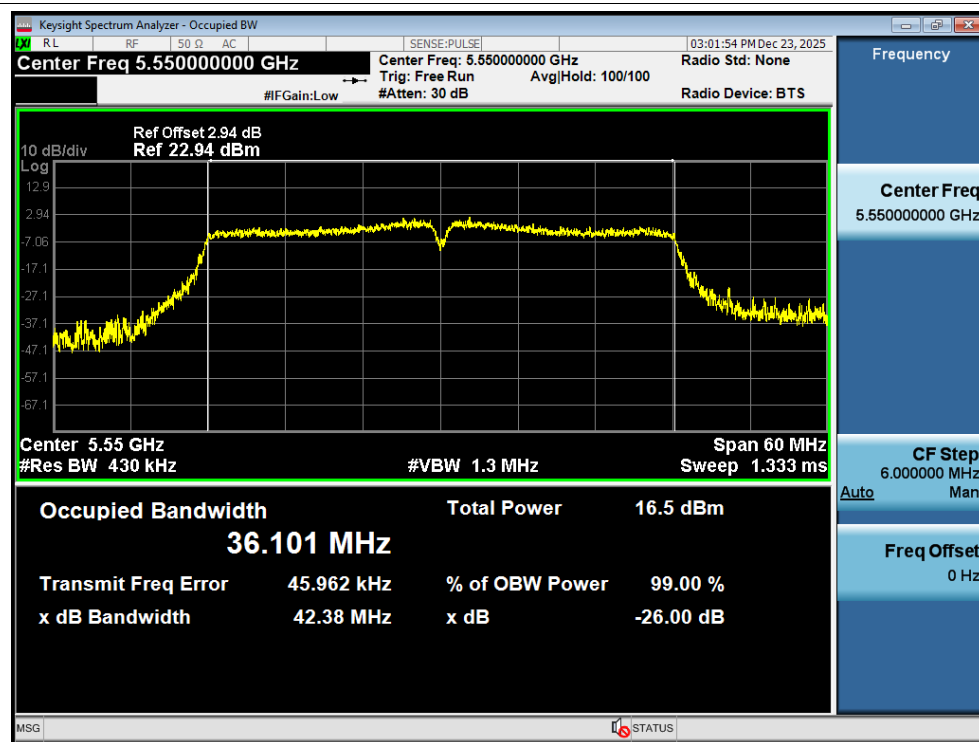
OBW NVNT n20 5700MHz Ant1



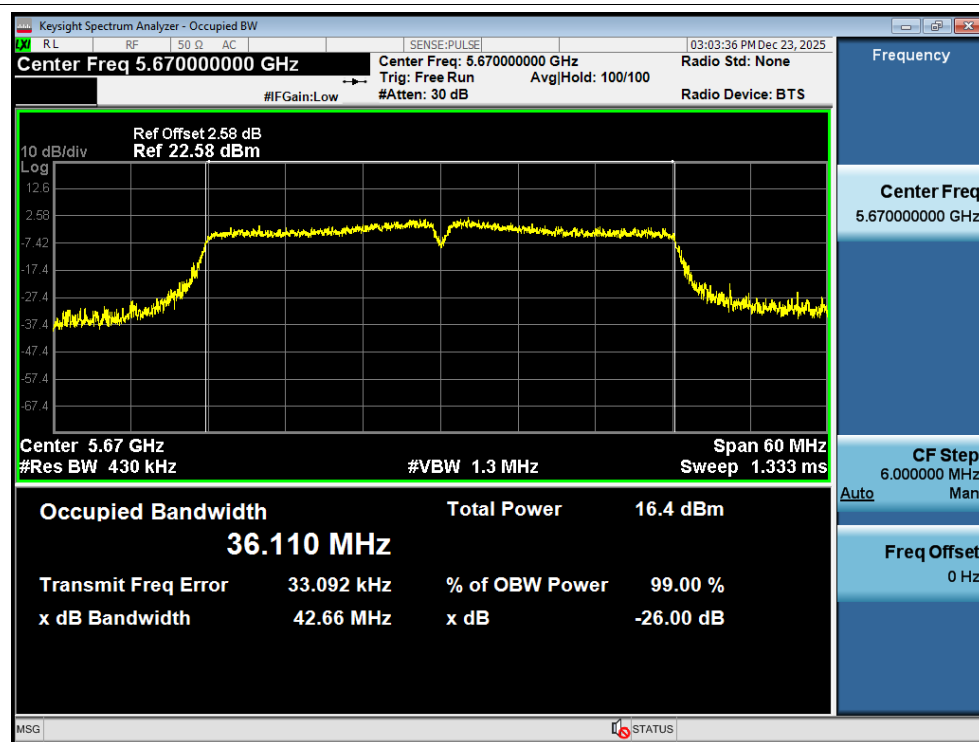
OBW NVNT n40 5510MHz Ant1



OBW NVNT n40 5550MHz Ant1



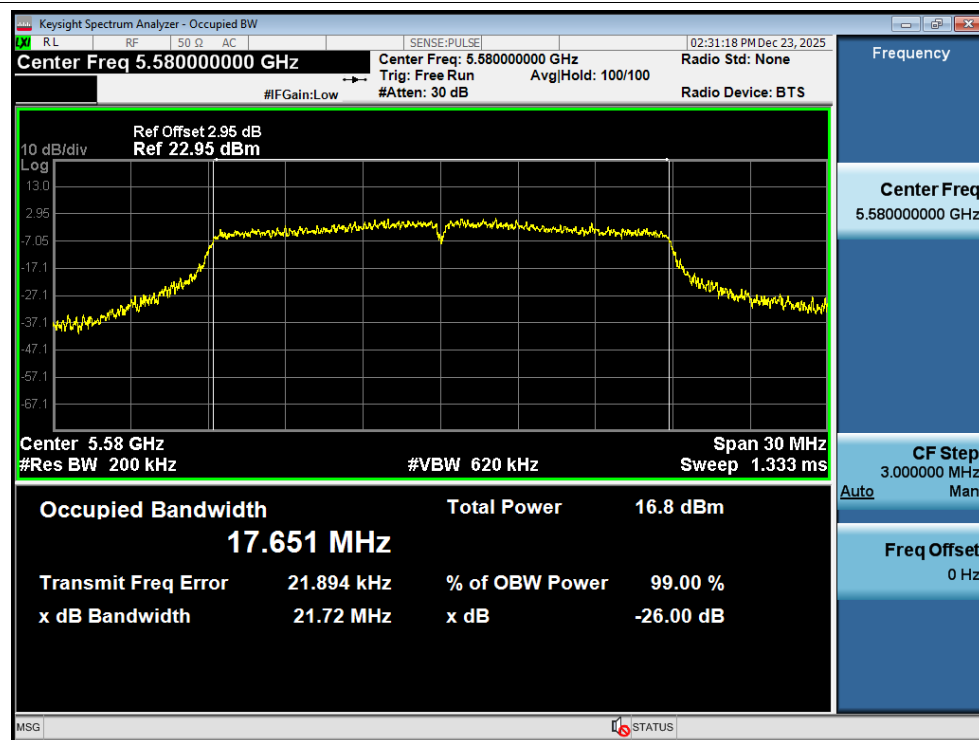
OBW NVNT n40 5670MHz Ant1



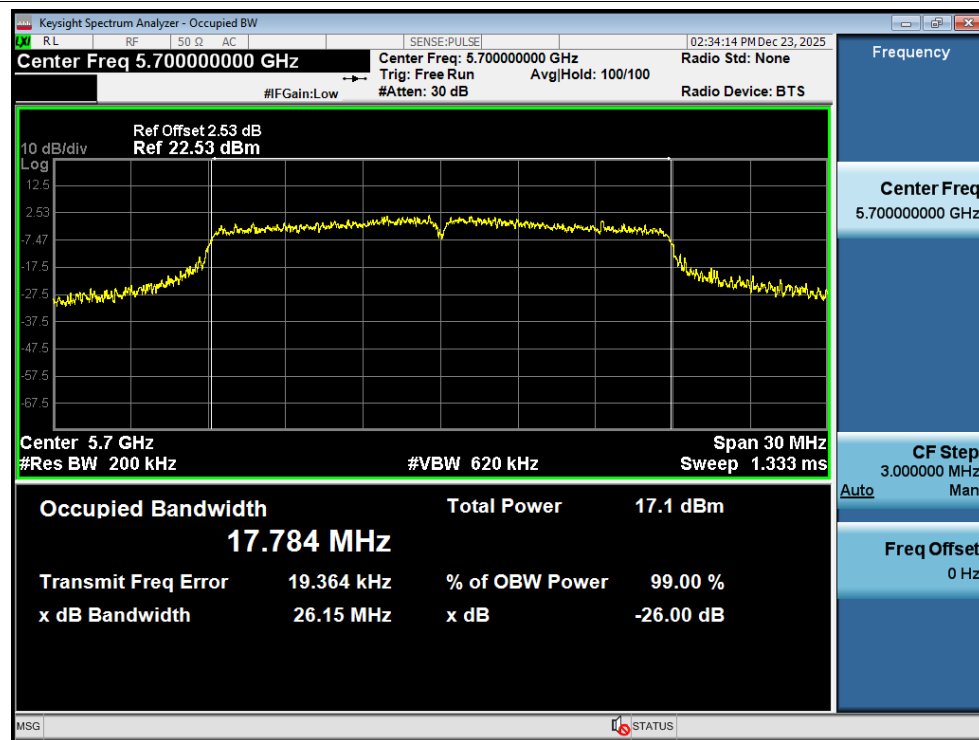
OBW NVNT ac20 5500MHz Ant1



OBW NVNT ac20 5580MHz Ant1



OBW NVNT ac20 5700MHz Ant1

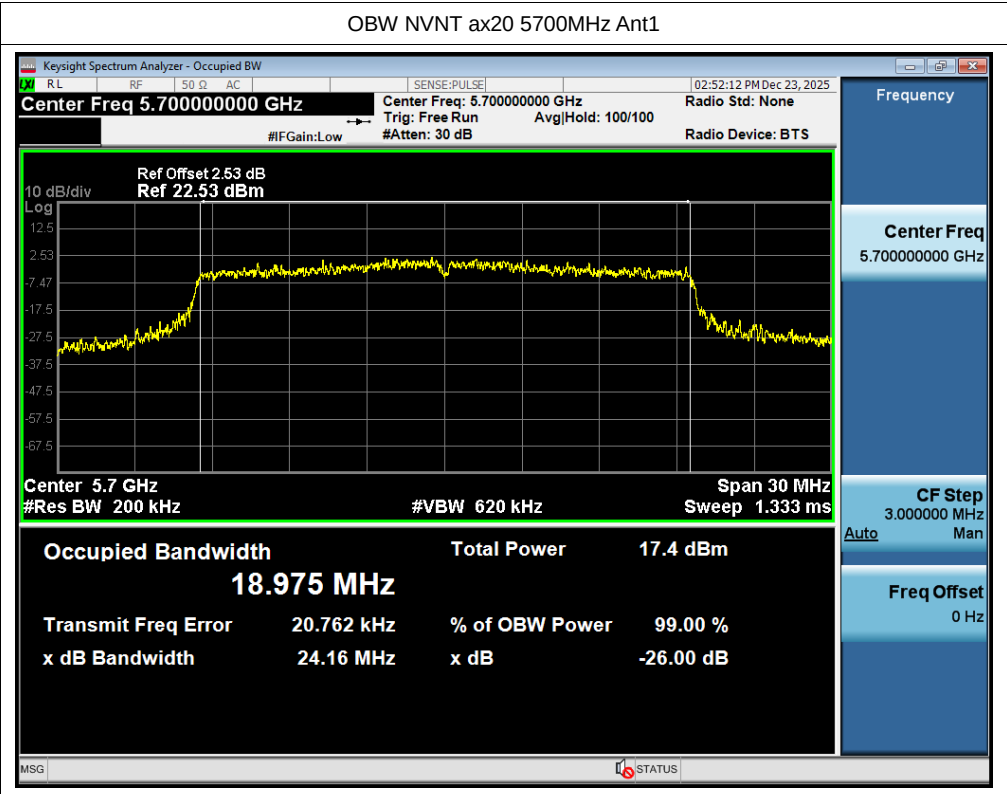


OBW NVNT ax20 5500MHz Ant1



OBW NVNT ax20 5580MHz Ant1



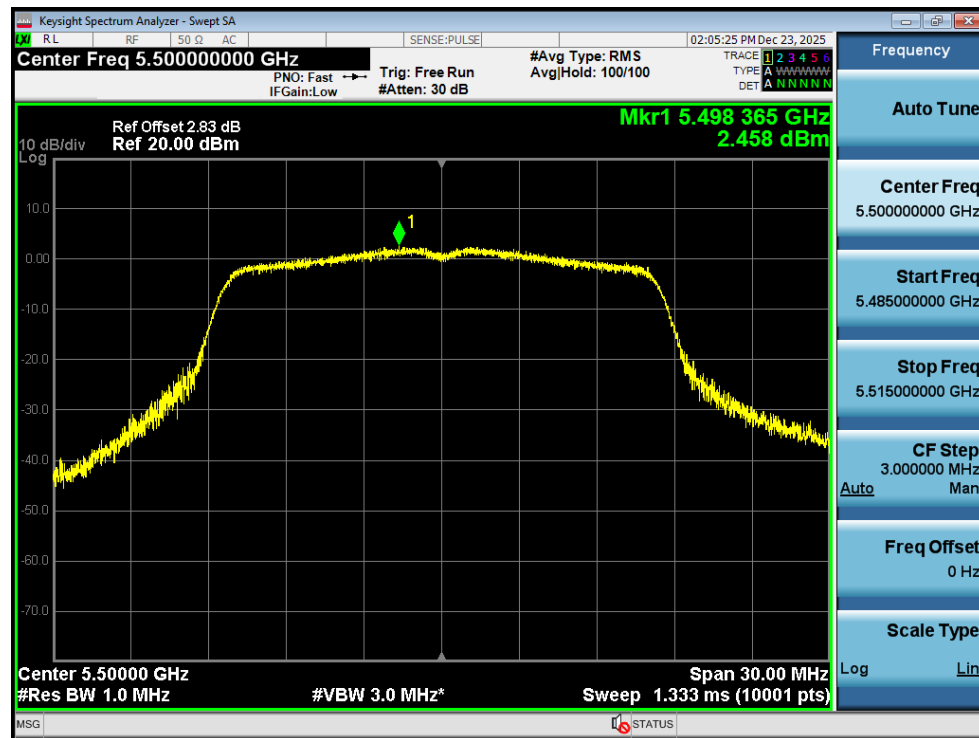


Maximum Power Spectral Density Level

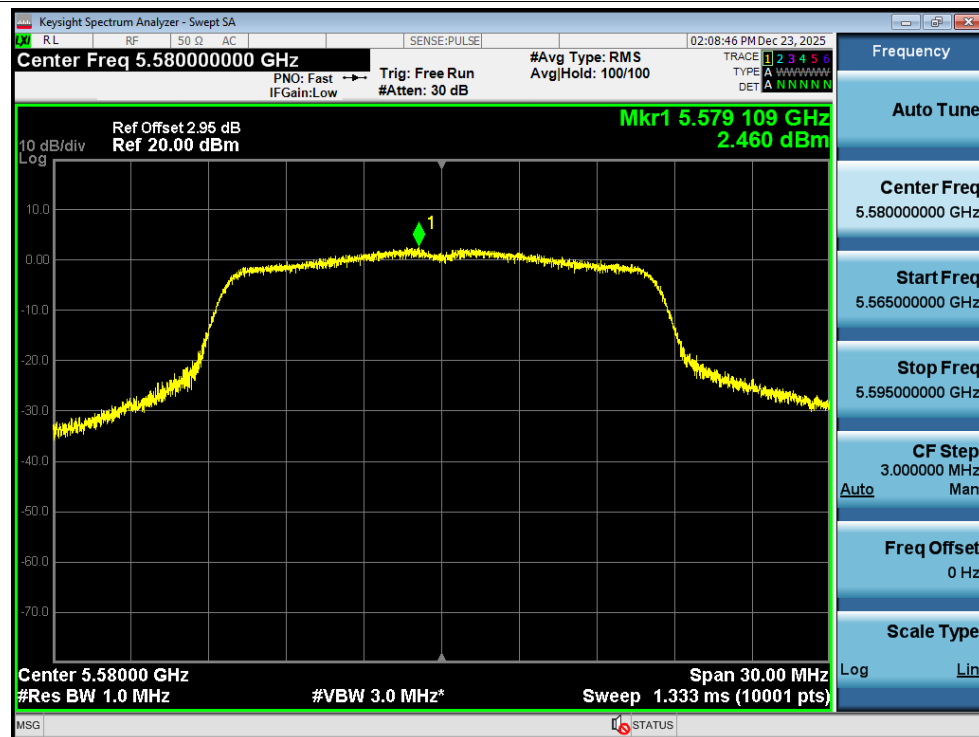
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	2.46	0	2.46	11	Pass
NVNT	a	5580	Ant1	2.46	0	2.46	11	Pass
NVNT	a	5700	Ant1	2.28	0	2.28	11	Pass
NVNT	n20	5500	Ant1	1.07	0	1.07	11	Pass
NVNT	n20	5580	Ant1	1.49	0	1.49	11	Pass
NVNT	n20	5700	Ant1	1.73	0	1.73	11	Pass
NVNT	n40	5510	Ant1	-1.53	0	-1.53	11	Pass
NVNT	n40	5550	Ant1	-1.43	0	-1.43	11	Pass
NVNT	n40	5670	Ant1	-1.45	0	-1.45	11	Pass
NVNT	ac20	5500	Ant1	1.9	0	1.9	11	Pass
NVNT	ac20	5580	Ant1	1.8	0	1.8	11	Pass
NVNT	ac20	5700	Ant1	2	0	2	11	Pass
NVNT	ax20	5500	Ant1	1.93	0	1.93	11	Pass
NVNT	ax20	5580	Ant1	1.78	0	1.78	11	Pass
NVNT	ax20	5700	Ant1	1.17	0	1.17	11	Pass

Test Graphs

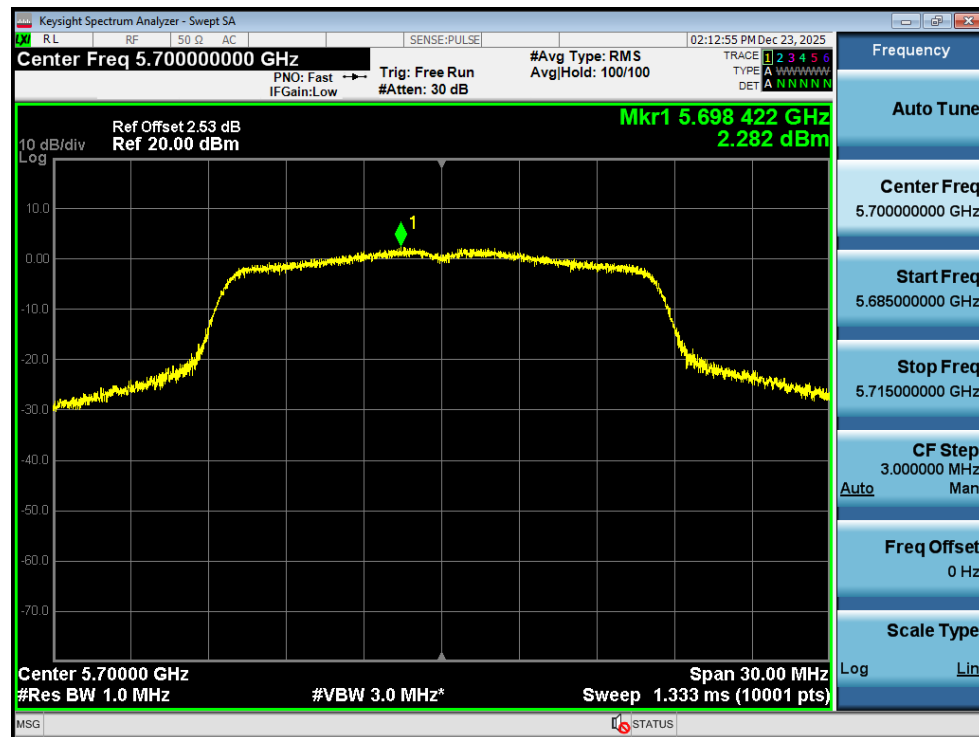
PSD NVNT a 5500MHz Ant1



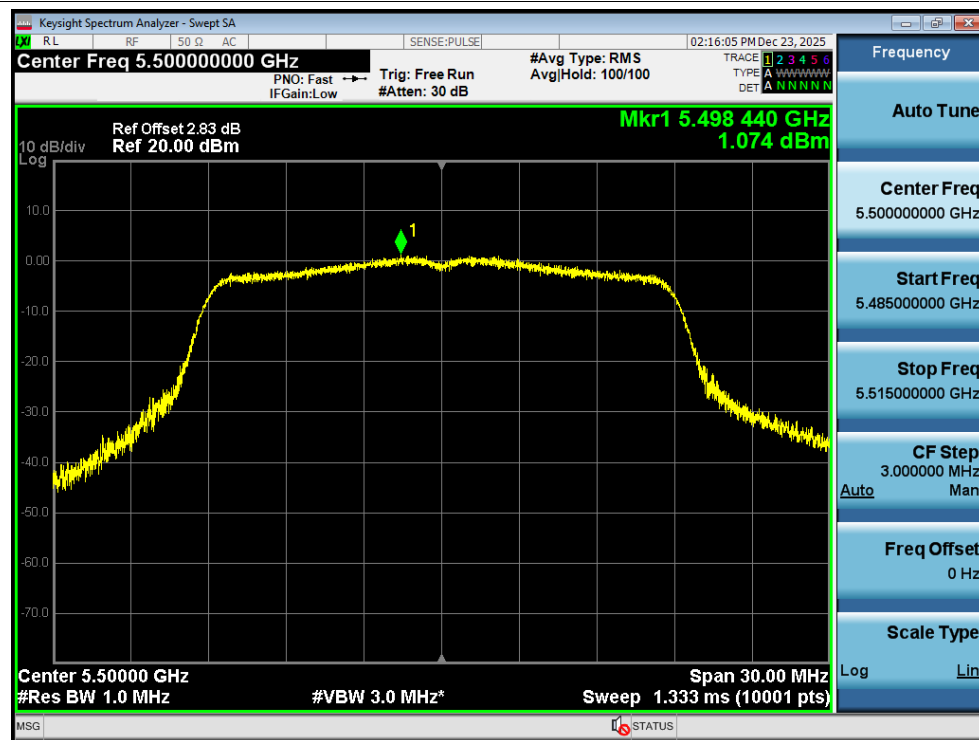
PSD NVNT a 5580MHz Ant1

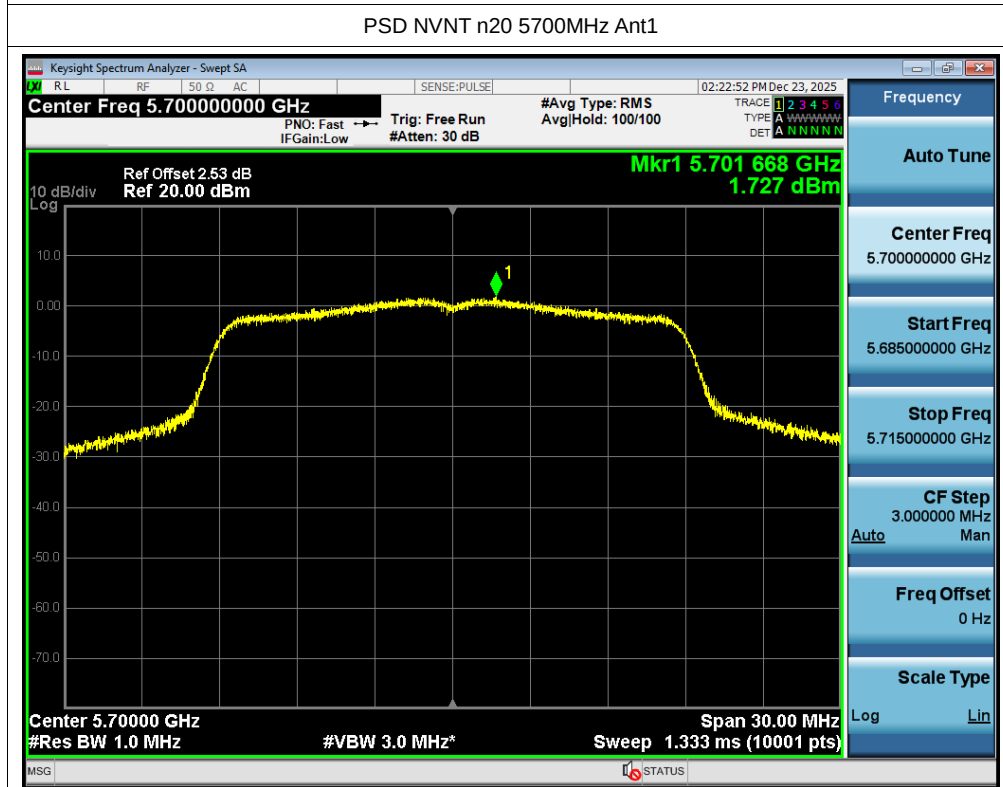
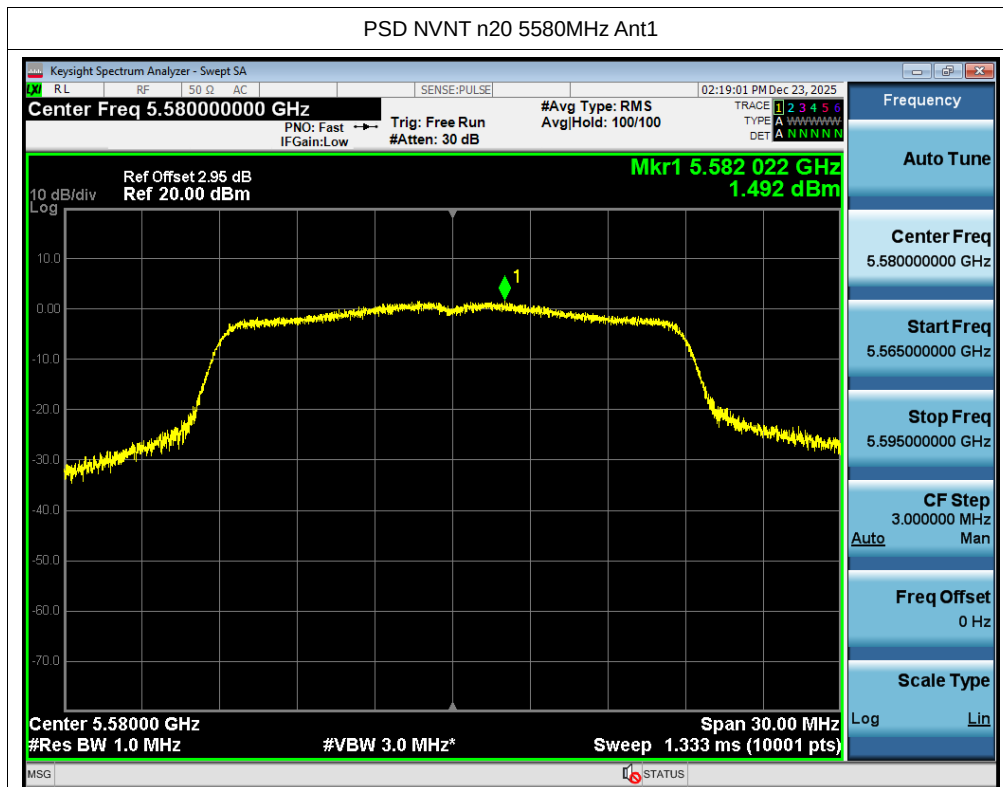


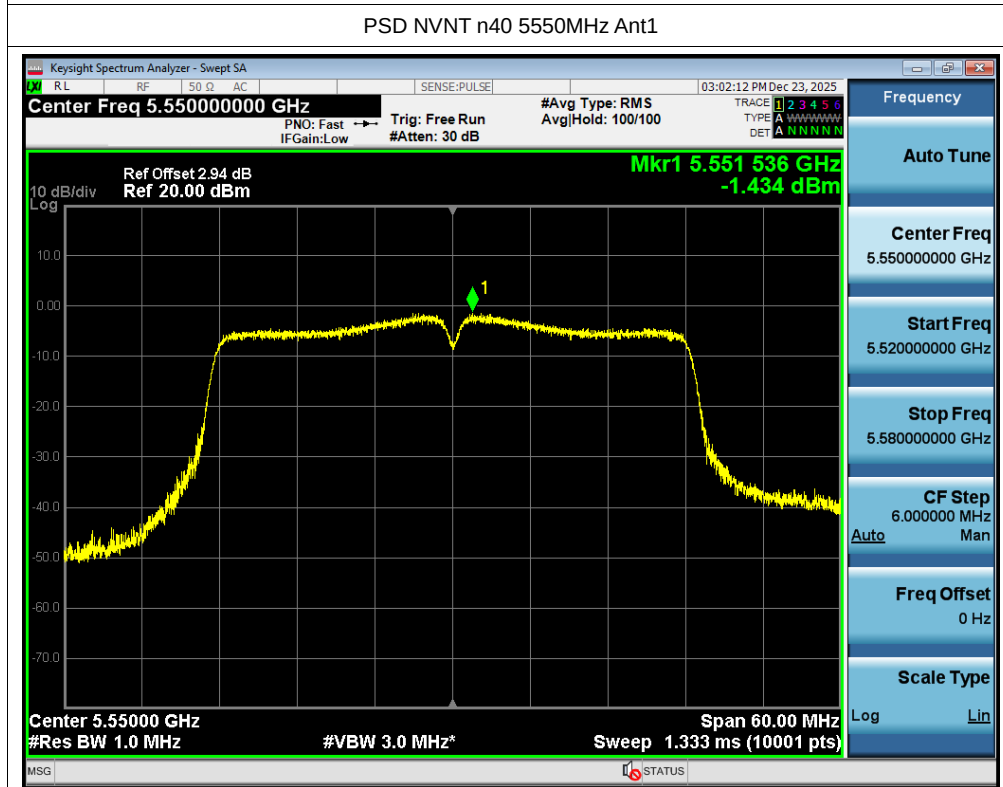
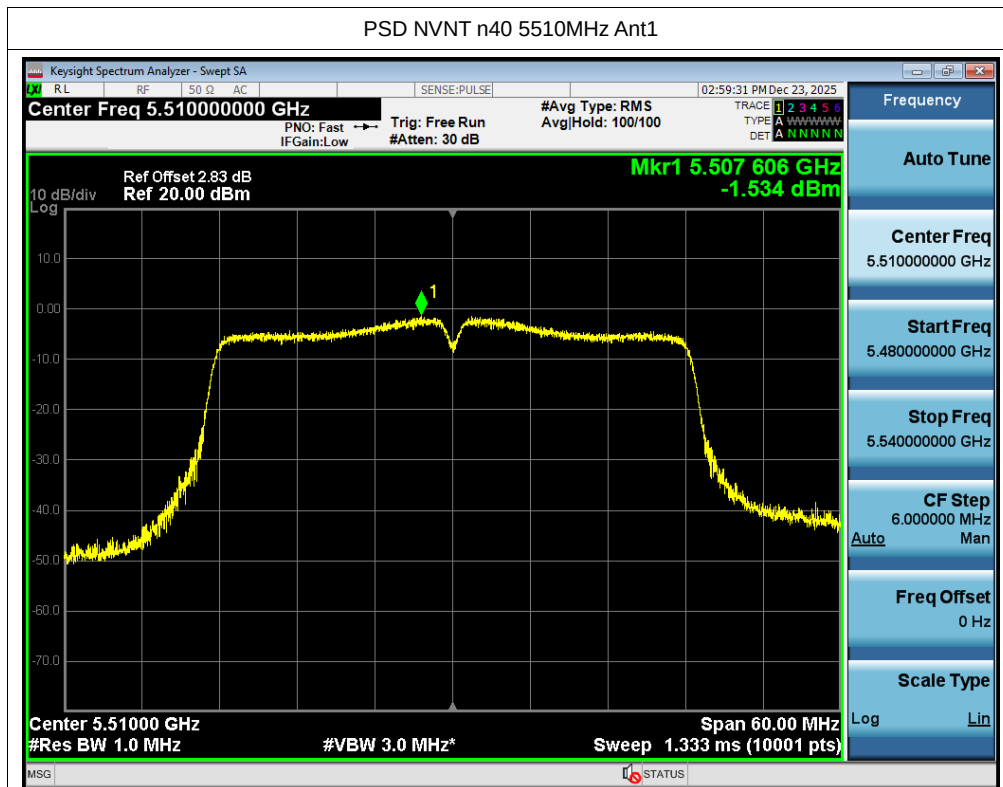
PSD NVNT a 5700MHz Ant1

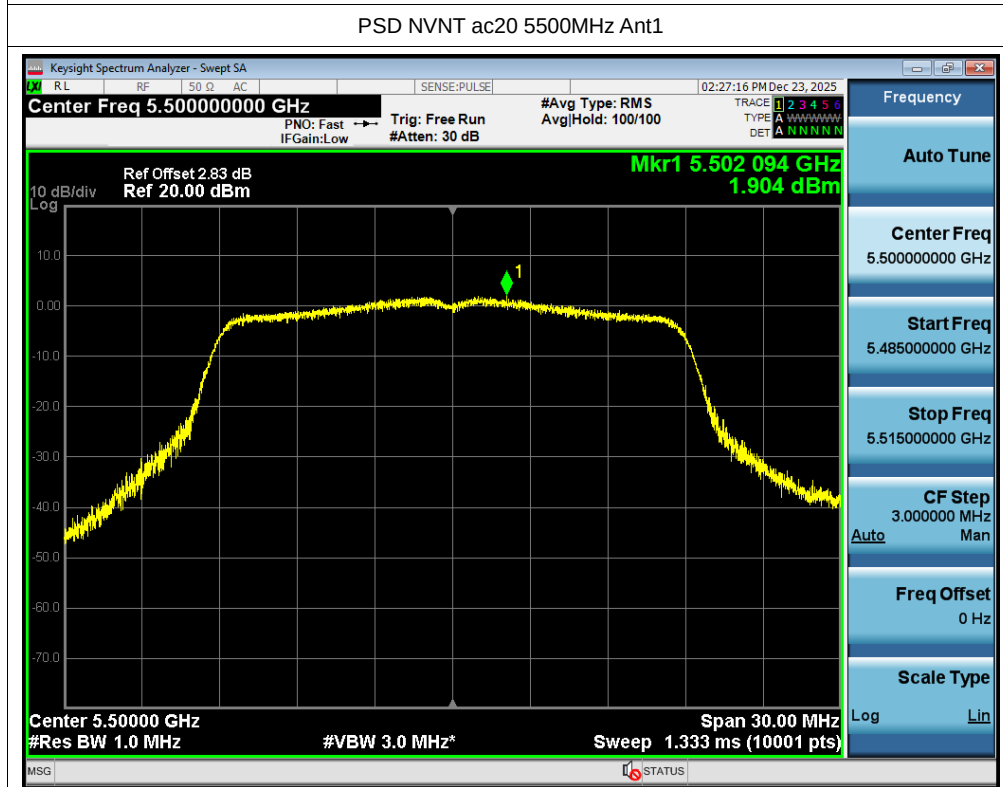
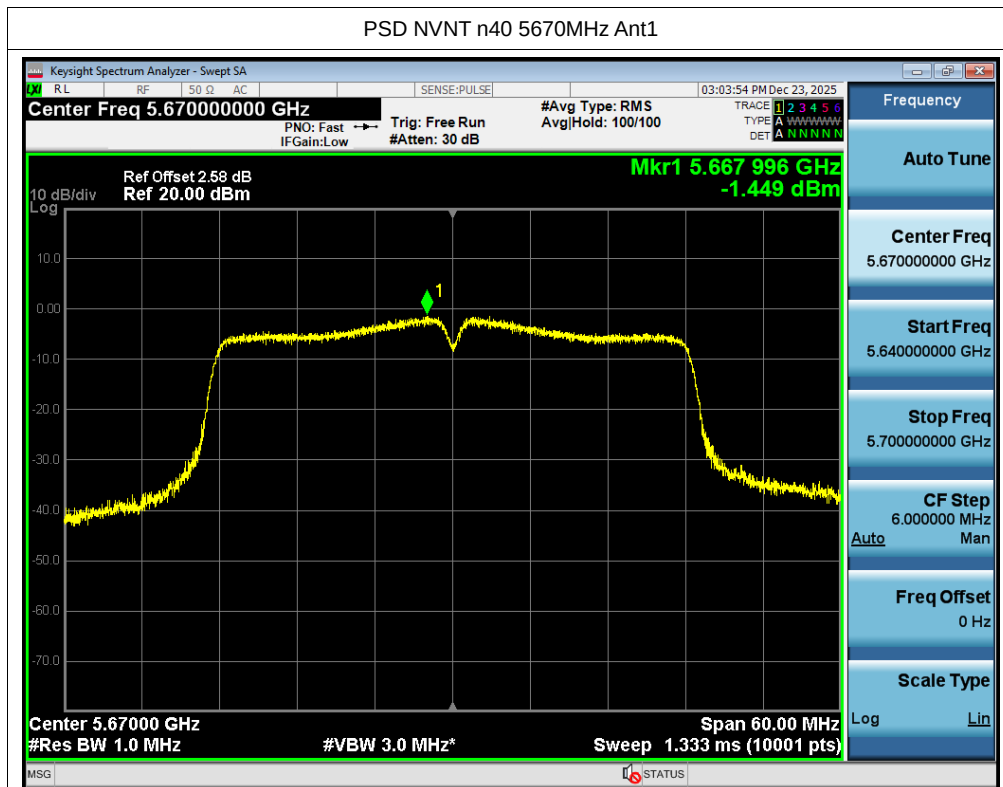


PSD NVNT n20 5500MHz Ant1

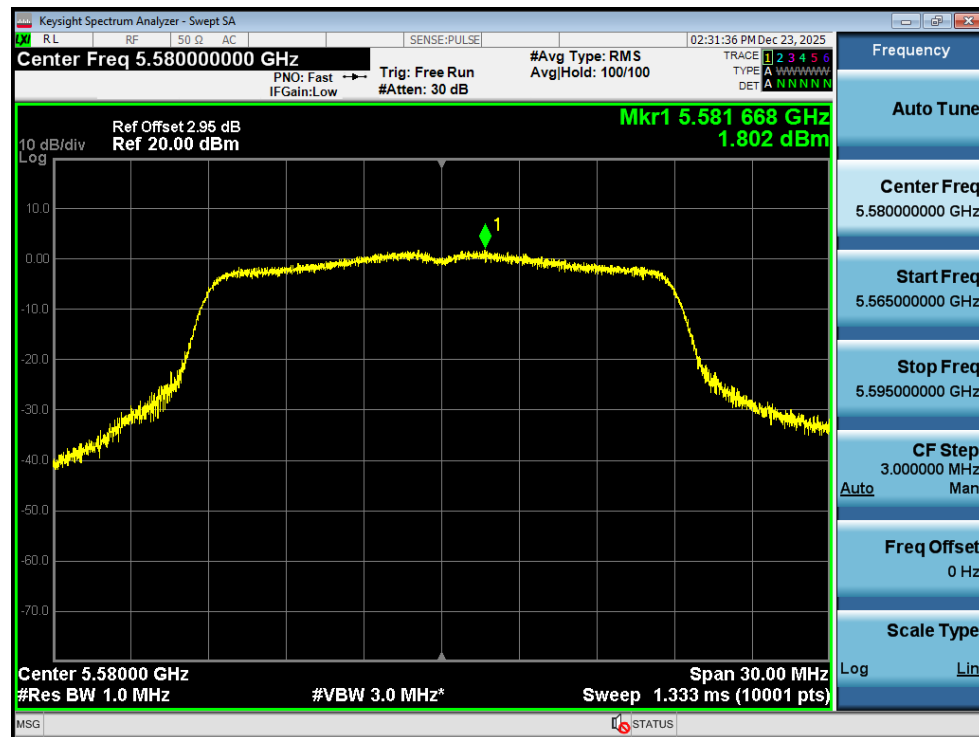




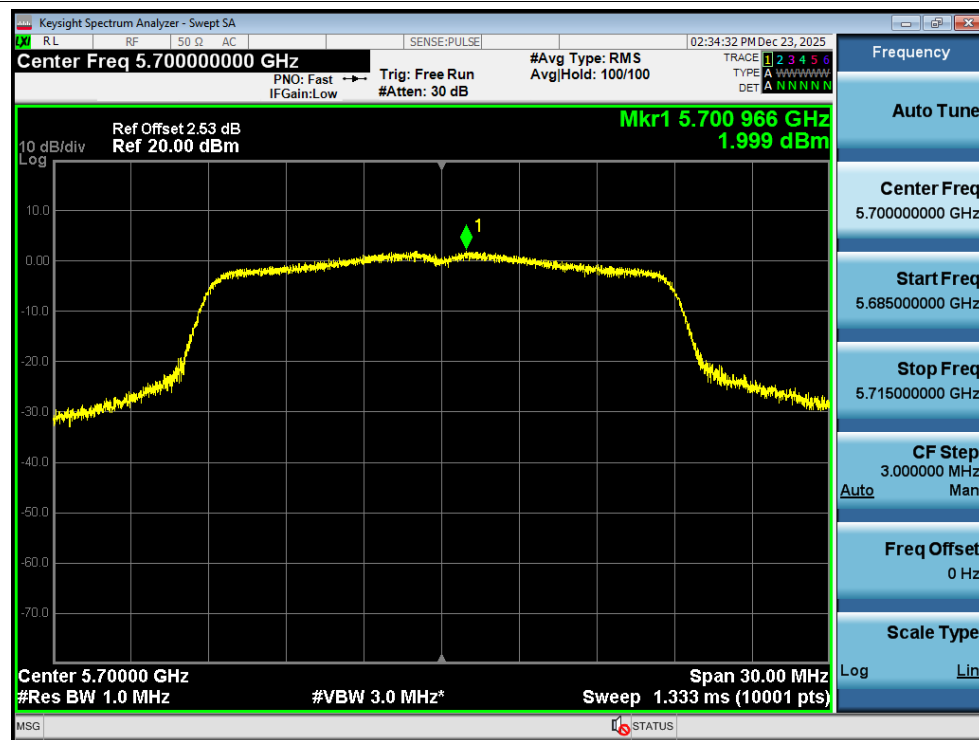




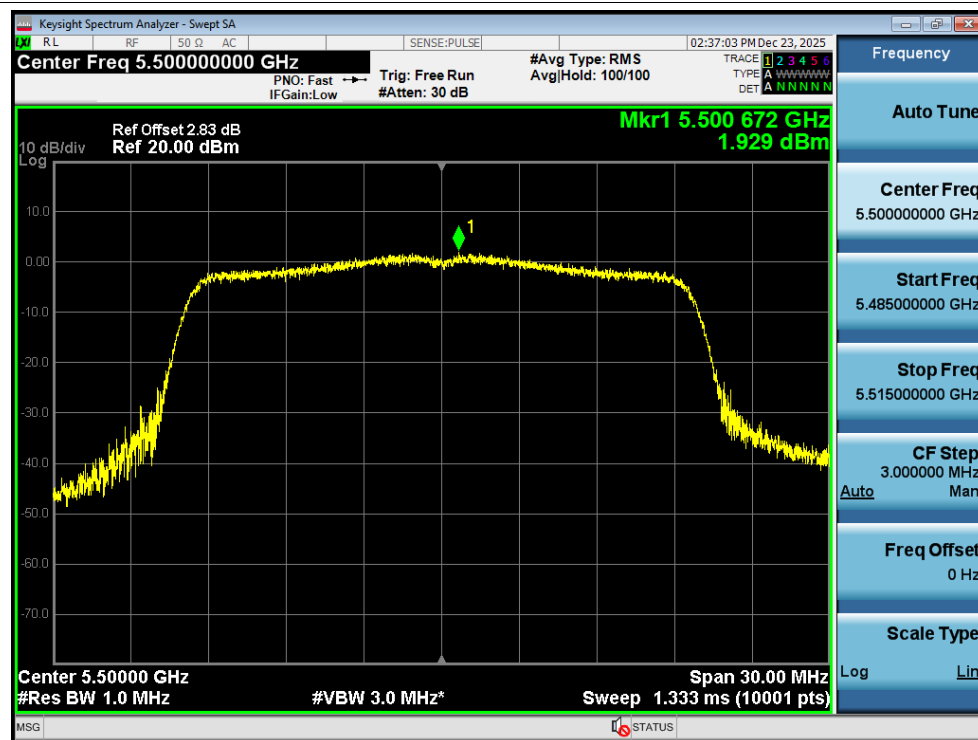
PSD NVNT ac20 5580MHz Ant1



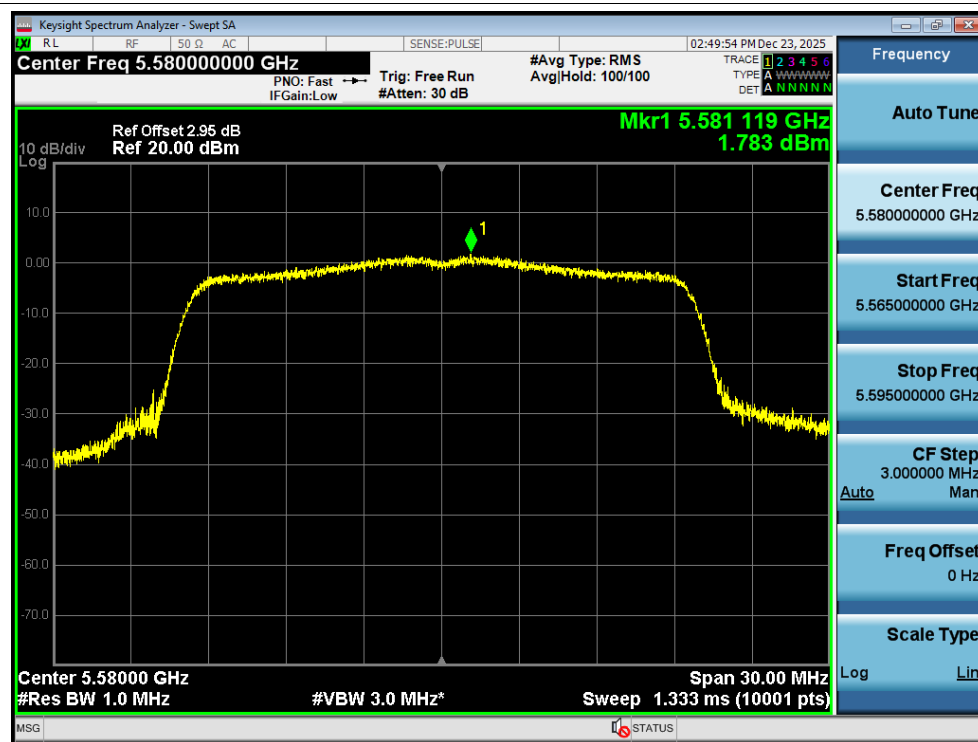
PSD NVNT ac20 5700MHz Ant1

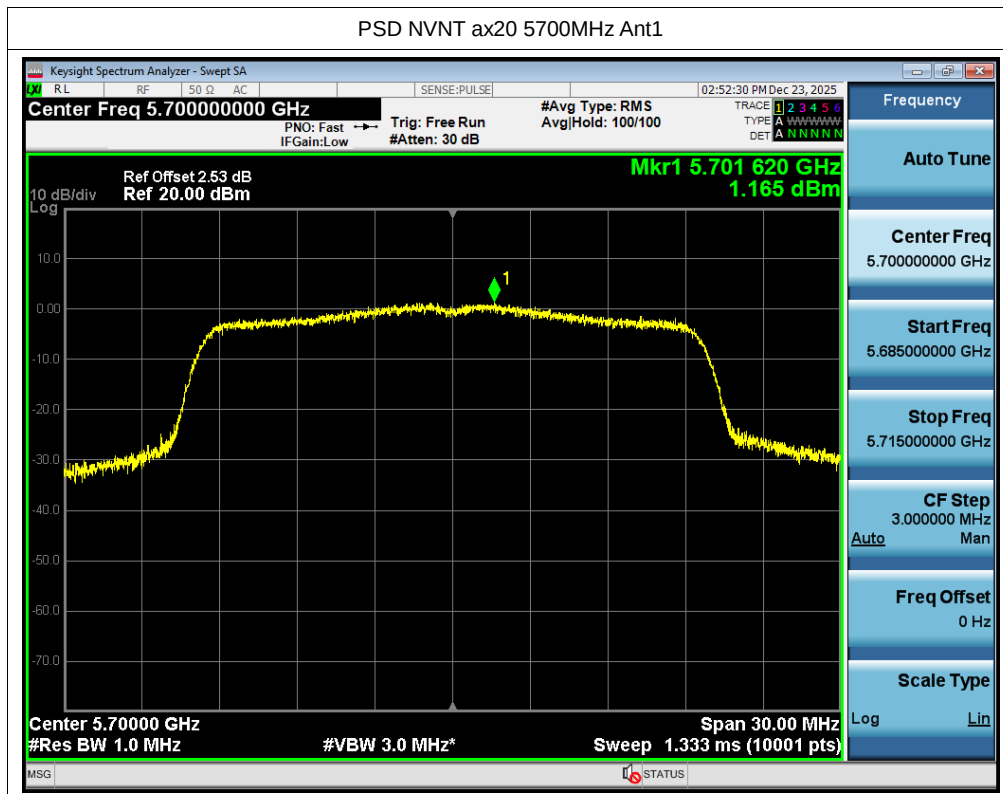


PSD NVNT ax20 5500MHz Ant1



PSD NVNT ax20 5580MHz Ant1



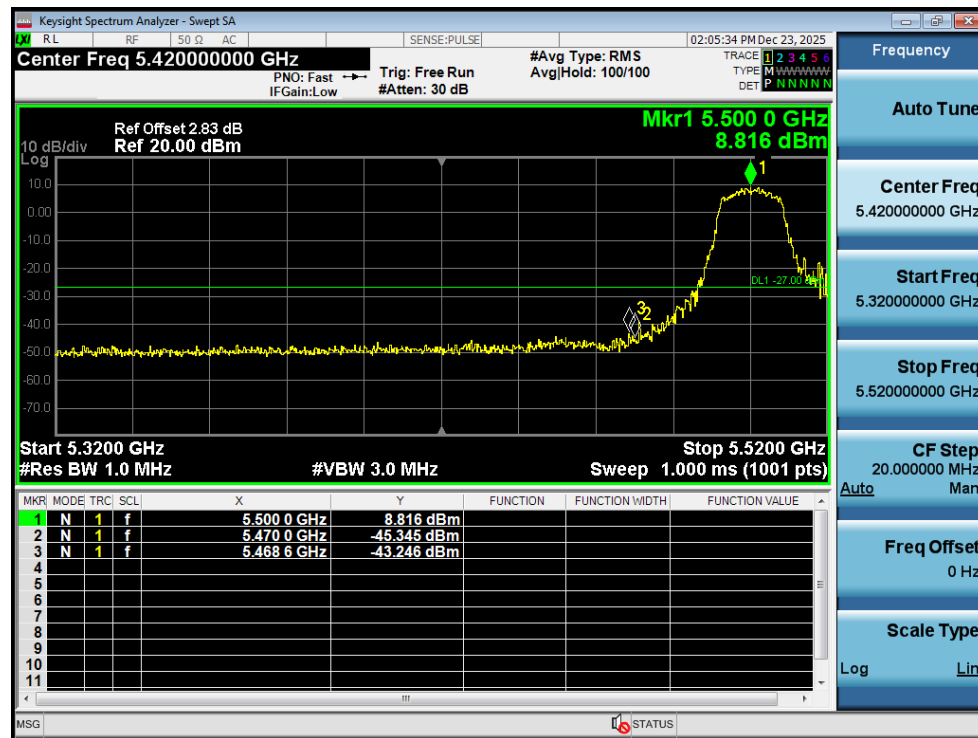


Band Edge

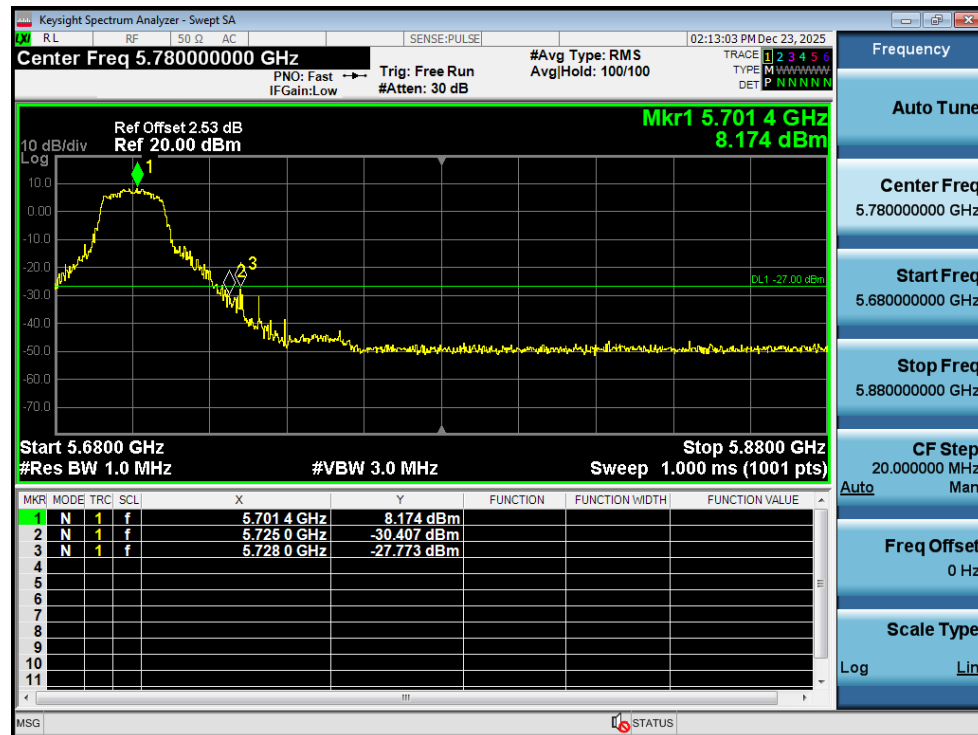
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-43.24	-27	Pass
NVNT	a	5700	Ant1	-27.77	-27	Pass
NVNT	n20	5500	Ant1	-41.97	-27	Pass
NVNT	n20	5700	Ant1	-28.59	-27	Pass
NVNT	n40	5510	Ant1	-39.42	-27	Pass
NVNT	n40	5670	Ant1	-39.23	-27	Pass
NVNT	ac20	5500	Ant1	-43.79	-27	Pass
NVNT	ac20	5700	Ant1	-31.39	-27	Pass
NVNT	ax20	5500	Ant1	-43.92	-27	Pass
NVNT	ax20	5700	Ant1	-29.1	-27	Pass

Test Graphs

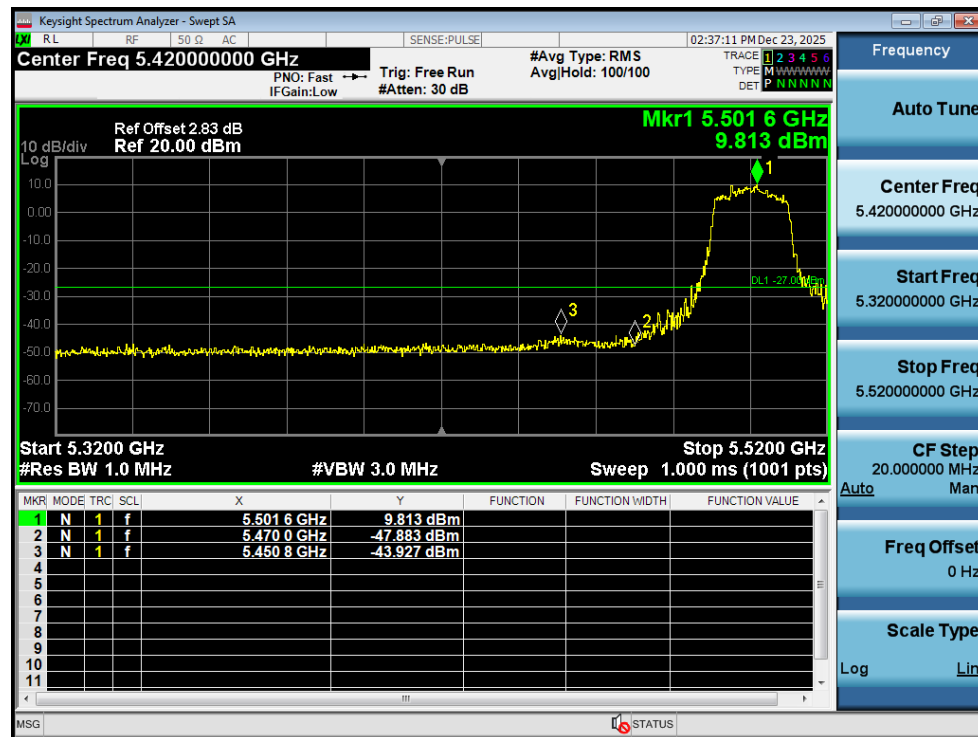
Band Edge NVNT a 5500MHz Low Ant1



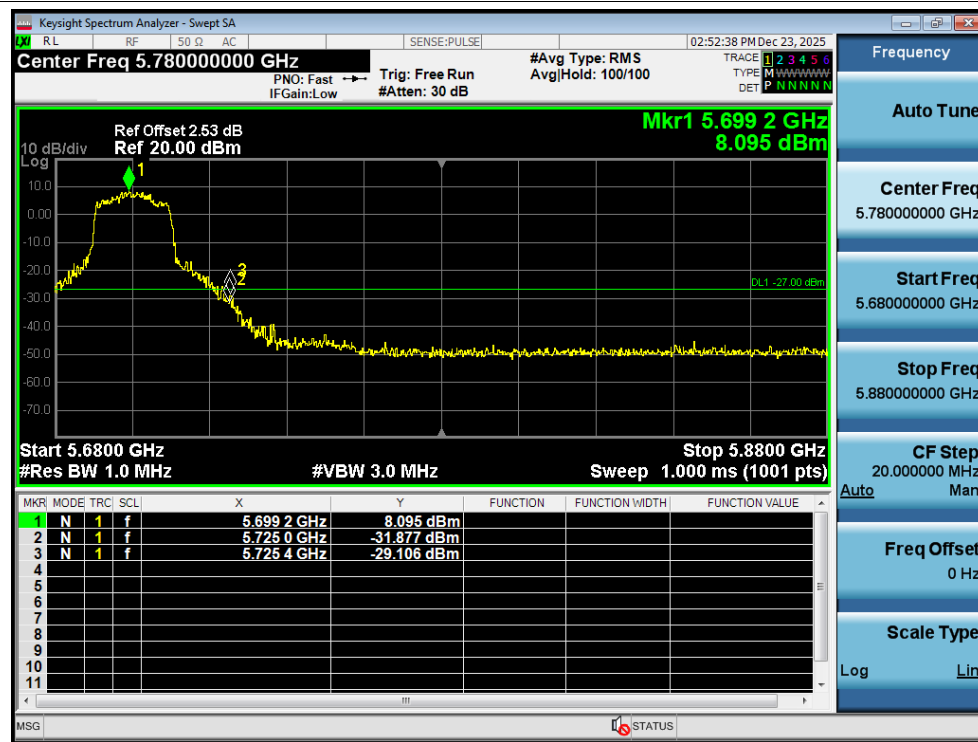
Band Edge NVNT a 5700MHz High Ant1



Band Edge NVNT ax20 5500MHz Low Ant1



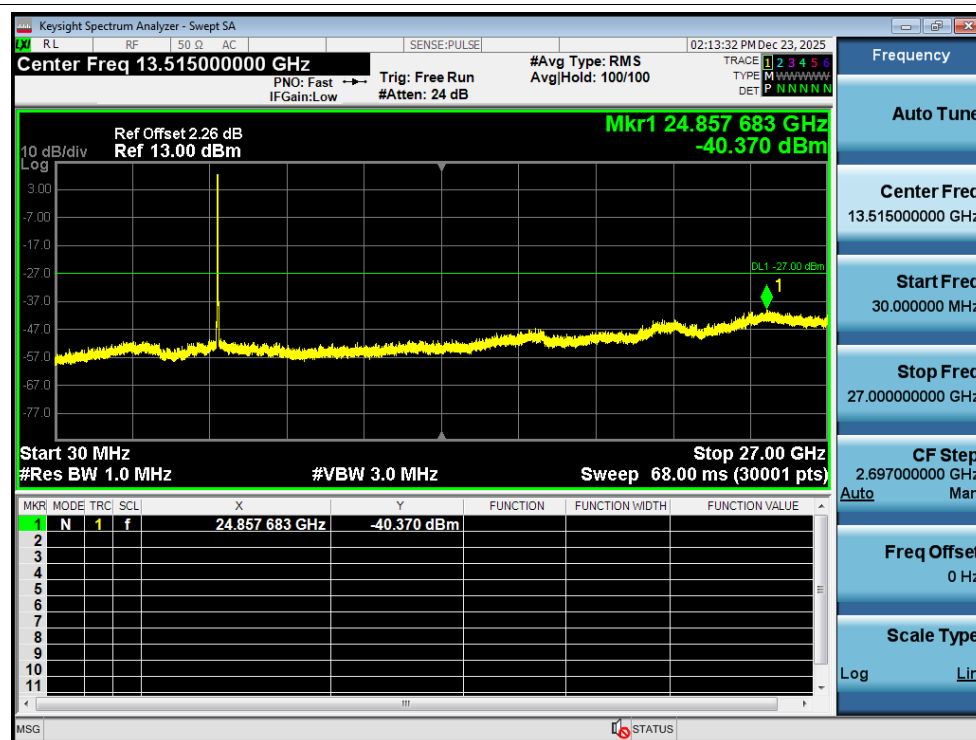
Band Edge NVNT ax20 5700MHz High Ant1



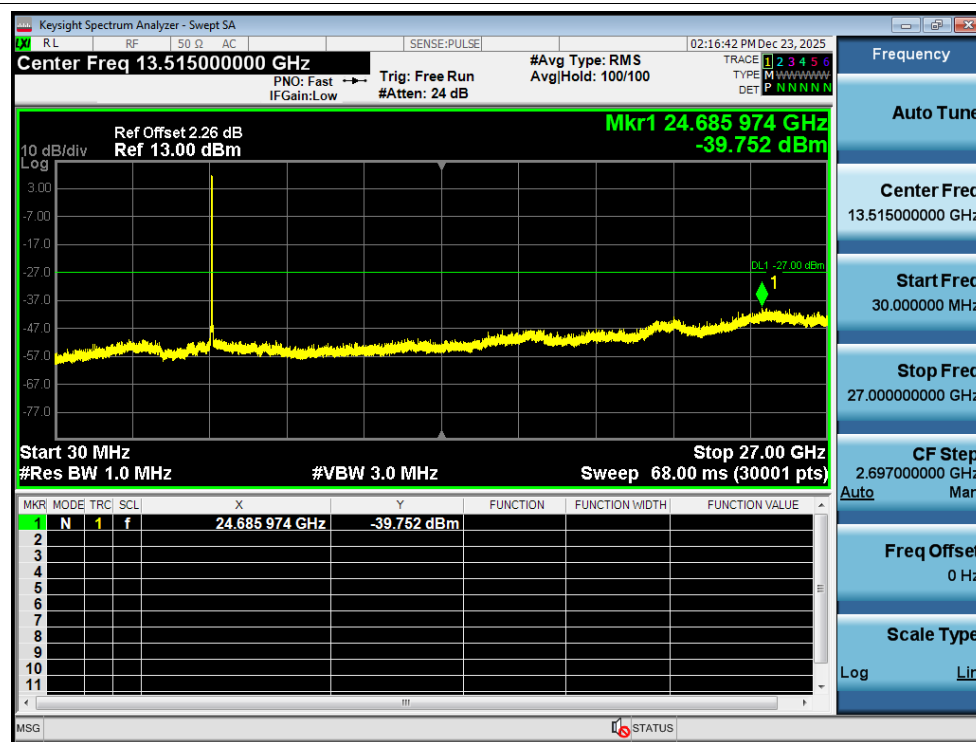
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-39.6	-27	Pass
NVNT	a	5580	Ant1	-40.3	-27	Pass
NVNT	a	5700	Ant1	-40.37	-27	Pass
NVNT	n20	5500	Ant1	-39.75	-27	Pass
NVNT	n20	5580	Ant1	-40.13	-27	Pass
NVNT	n20	5700	Ant1	-39.67	-27	Pass
NVNT	n40	5510	Ant1	-39.05	-27	Pass
NVNT	n40	5550	Ant1	-39.15	-27	Pass
NVNT	n40	5670	Ant1	-40.04	-27	Pass
NVNT	ac20	5500	Ant1	-39.92	-27	Pass
NVNT	ac20	5580	Ant1	-39.94	-27	Pass
NVNT	ac20	5700	Ant1	-40.47	-27	Pass
NVNT	ax20	5500	Ant1	-39.32	-27	Pass
NVNT	ax20	5580	Ant1	-39.5	-27	Pass
NVNT	ax20	5700	Ant1	-39.62	-27	Pass

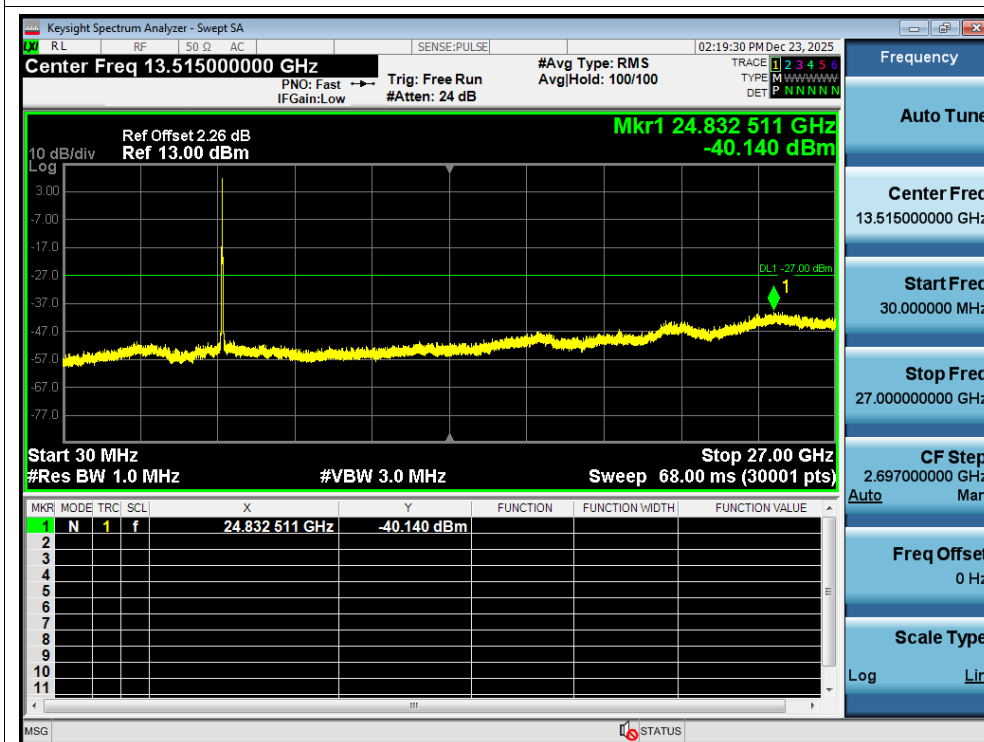
Tx. Spurious NVNT a 5700MHz Ant1 Emission



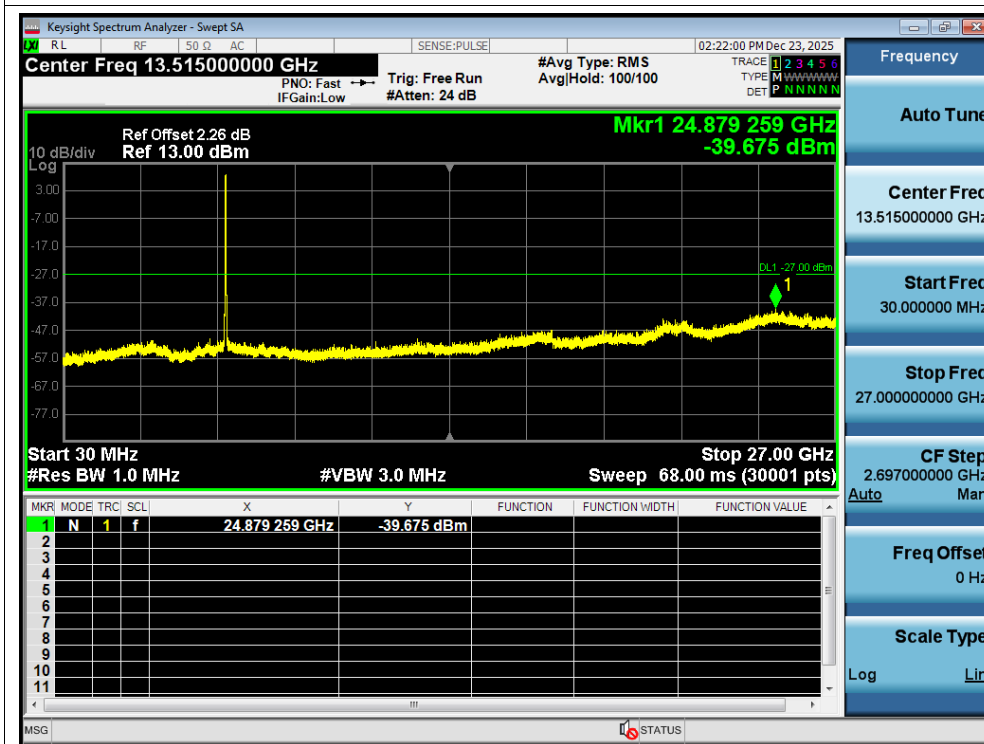
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



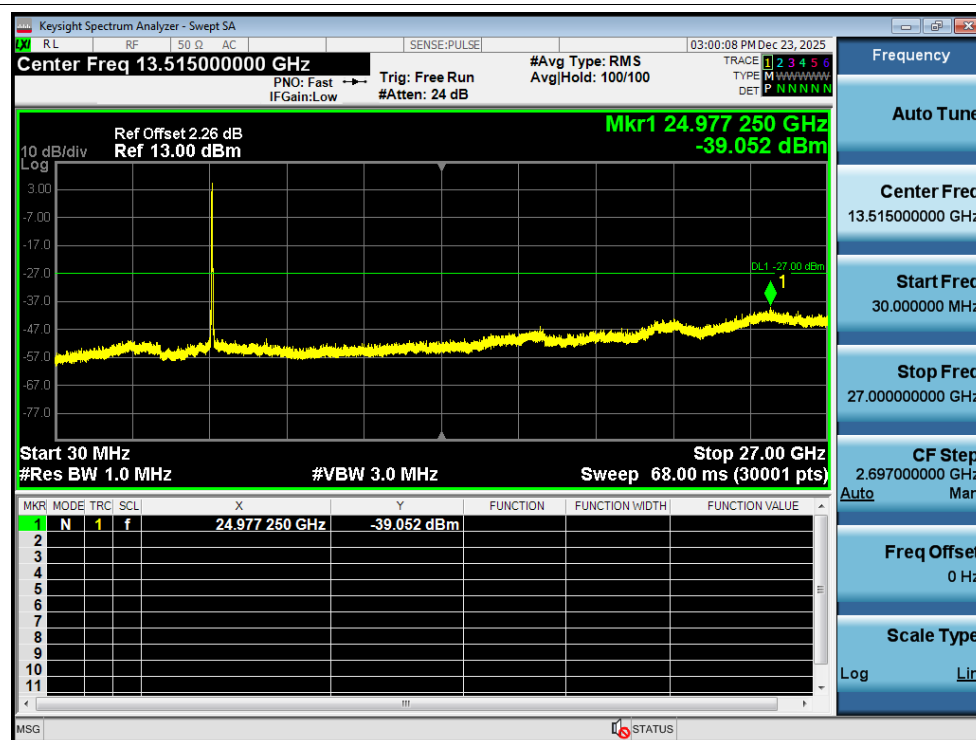
Tx. Spurious NVNT n20 5580MHz Ant1 Emission



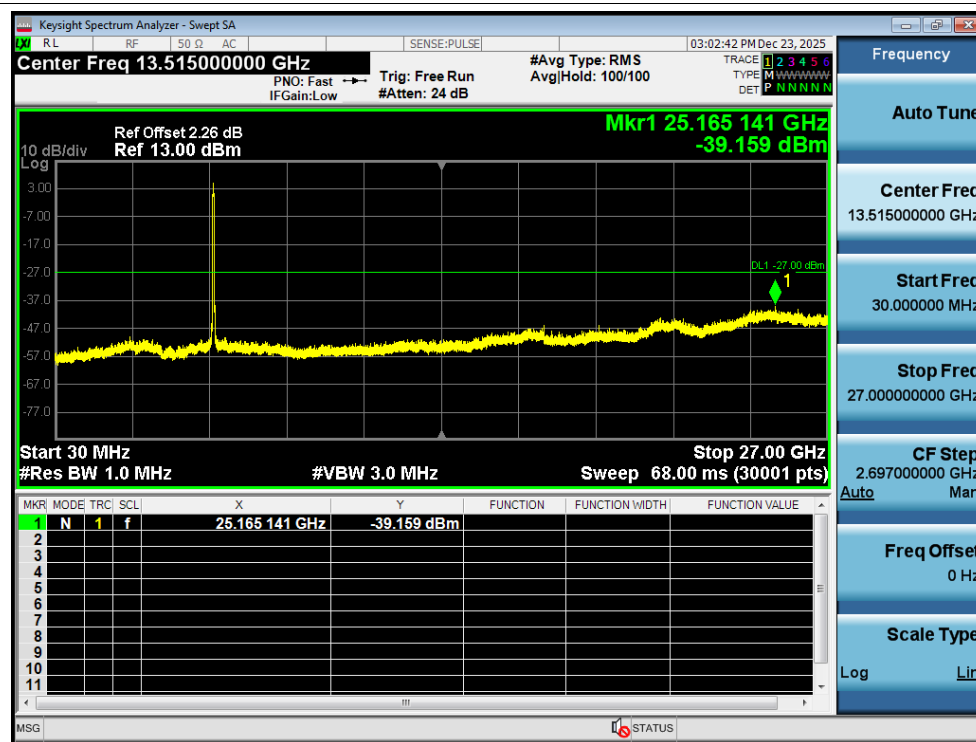
Tx. Spurious NVNT n20 5700MHz Ant1 Emission



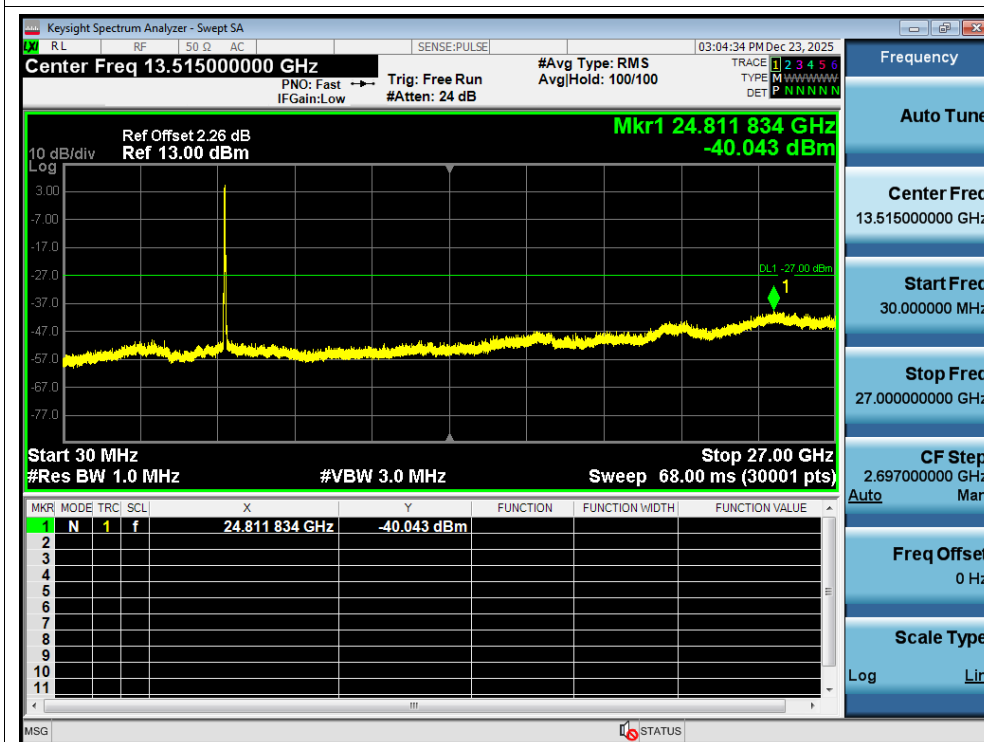
Tx. Spurious NVNT n40 5510MHz Ant1 Emission



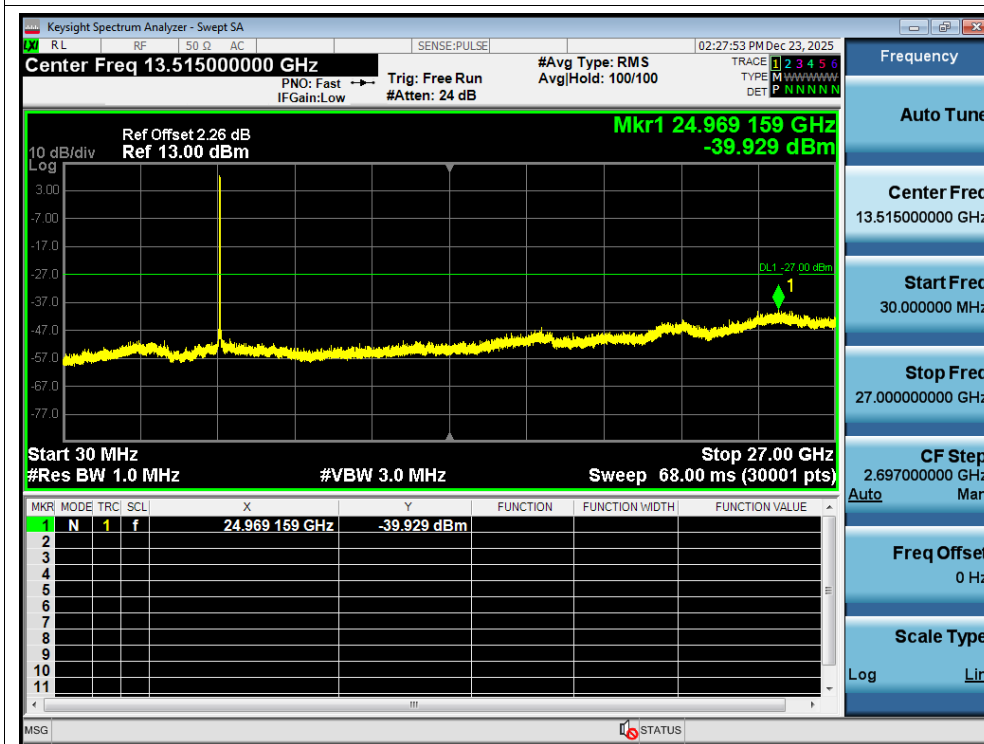
Tx. Spurious NVNT n40 5550MHz Ant1 Emission



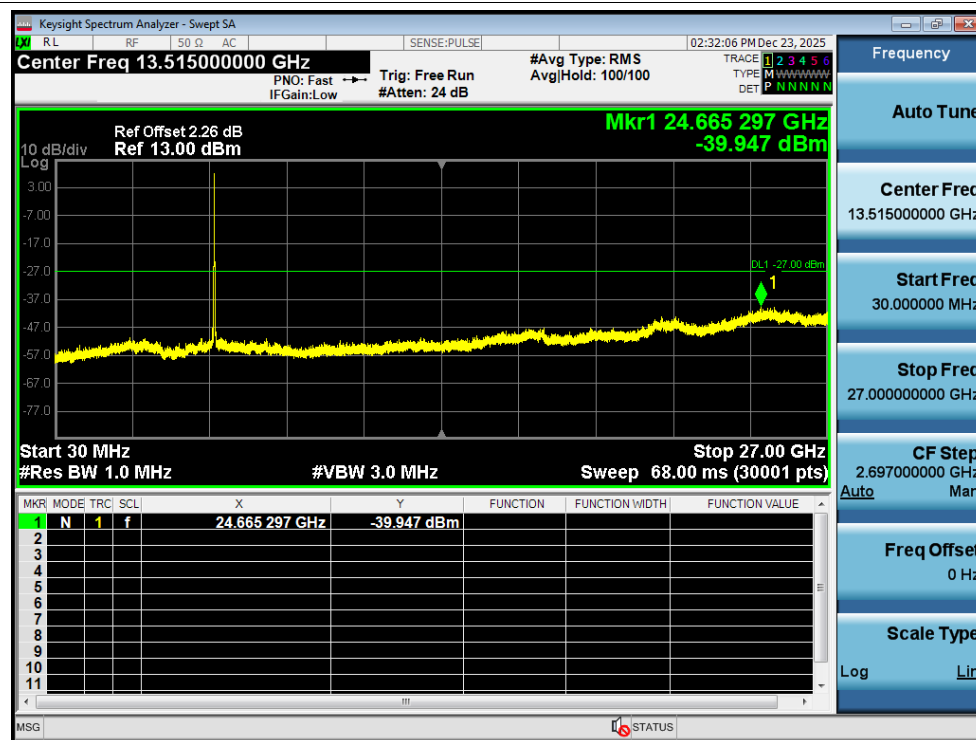
Tx. Spurious NVNT n40 5670MHz Ant1 Emission



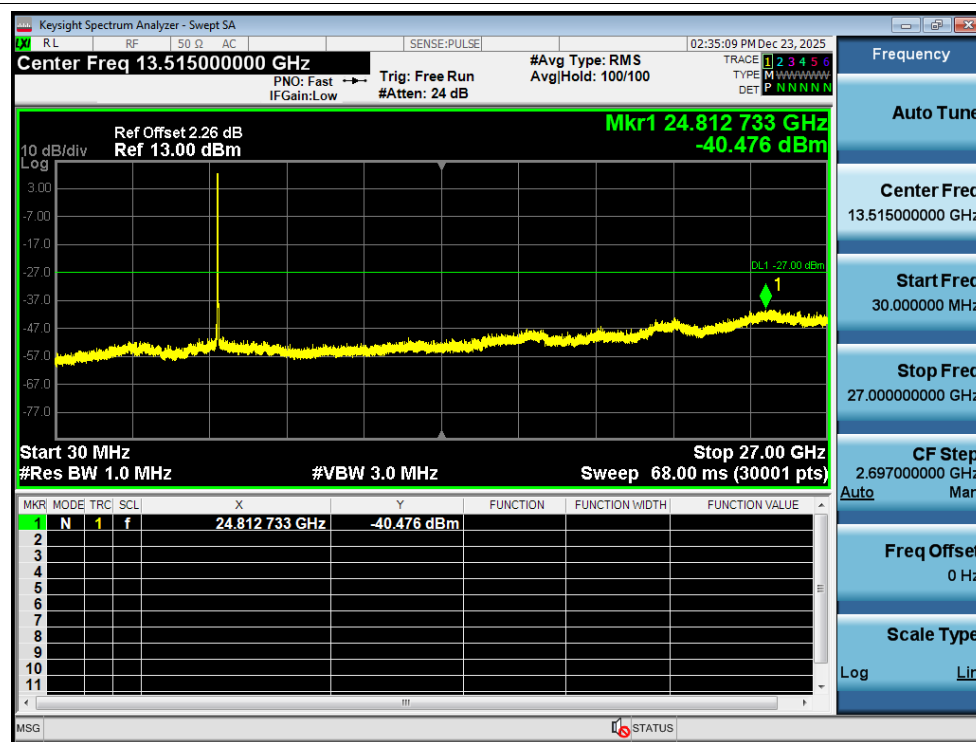
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



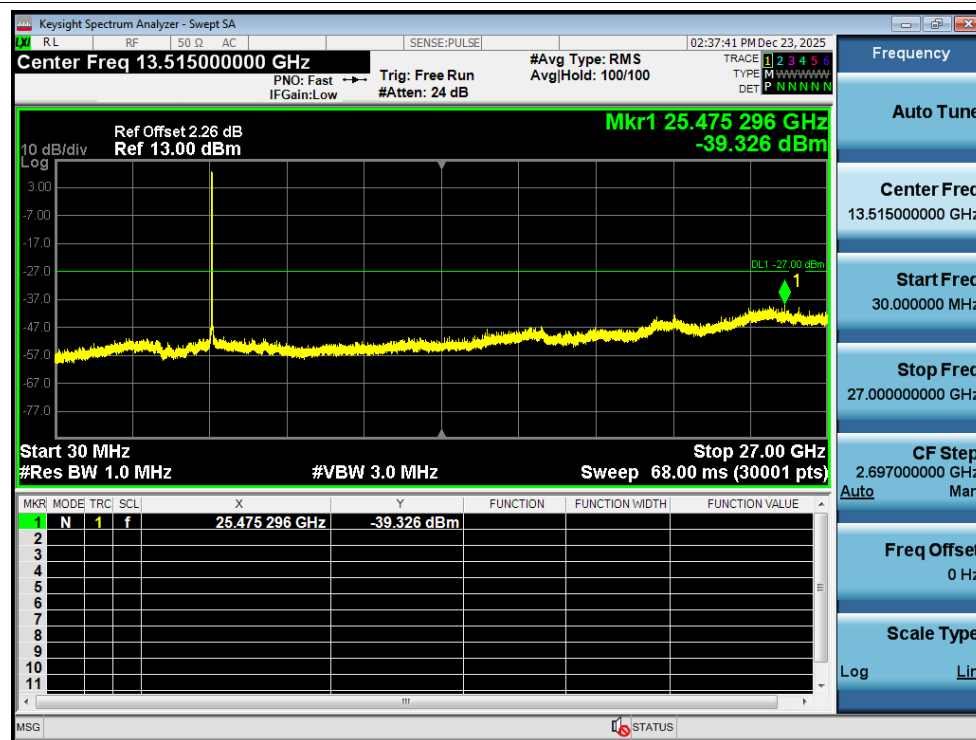
Tx. Spurious NVNT ac20 5580MHz Ant1 Emission



Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



Tx. Spurious NVNT ax20 5500MHz Ant1 Emission



Tx. Spurious NVNT ax20 5580MHz Ant1 Emission

