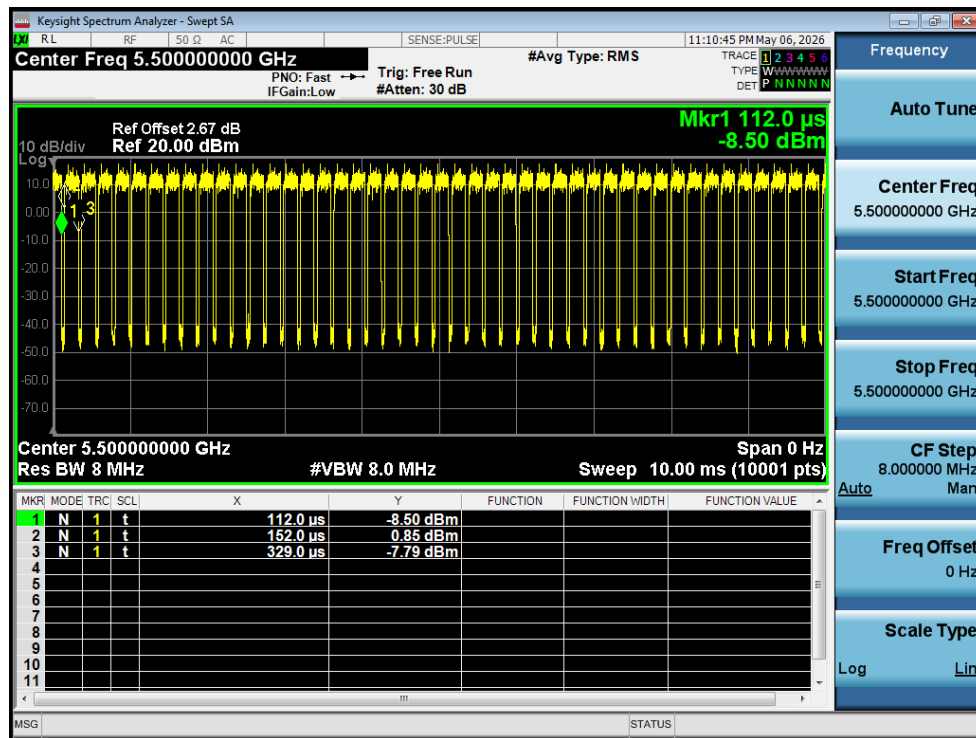


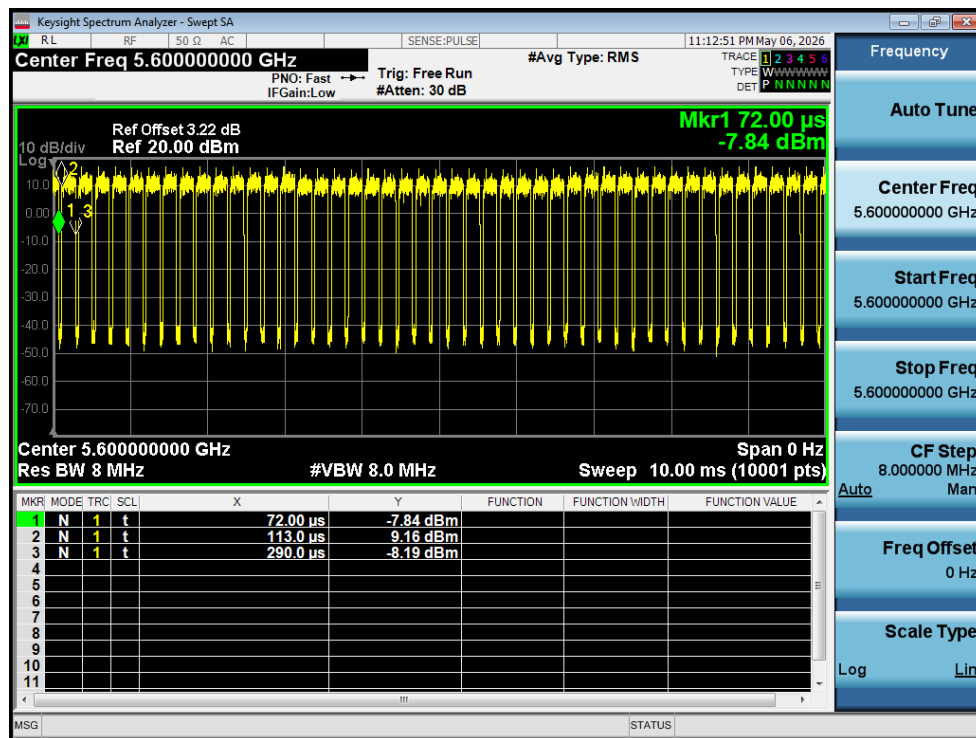
Test Data Appendix of Test Report

1. Duty Cycle

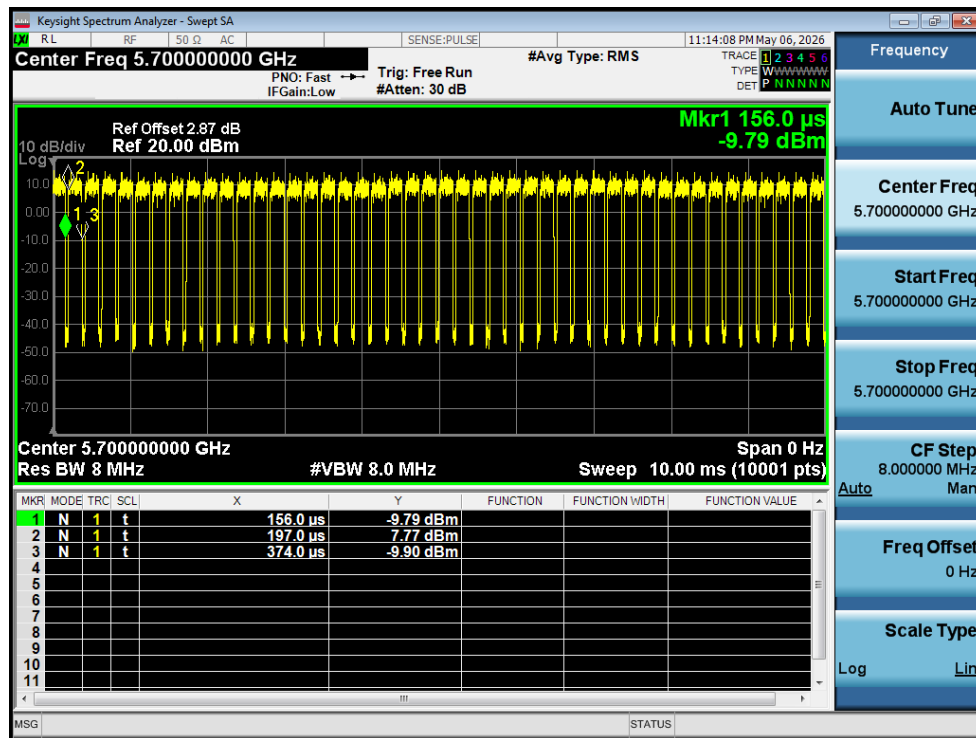
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	81.57	0.88	5.65
NVNT	a	5600	Ant1	81.19	0.9	5.65
NVNT	a	5700	Ant1	81.19	0.9	5.65
NVNT	n20	5500	Ant1	80.1	0.96	6.06
NVNT	n20	5600	Ant1	80.1	0.96	6.06
NVNT	n20	5700	Ant1	80.1	0.96	6.06
NVNT	n40	5510	Ant1	71.83	1.44	9.8
NVNT	n40	5590	Ant1	71.83	1.44	9.8
NVNT	n40	5670	Ant1	71.63	1.45	9.9
NVNT	ac20	5500	Ant1	78.84	1.03	6.71
NVNT	ac20	5600	Ant1	78.42	1.06	6.71
NVNT	ac20	5700	Ant1	78.31	1.06	6.76
NVNT	ac40	5510	Ant1	69.23	1.6	11.11
NVNT	ac40	5590	Ant1	69.23	1.6	11.11
NVNT	ac40	5670	Ant1	69.23	1.6	11.11
NVNT	ac80	5530	Ant1	61.9	2.08	15.38
NVNT	ac80	5610	Ant1	62.26	2.06	15.15



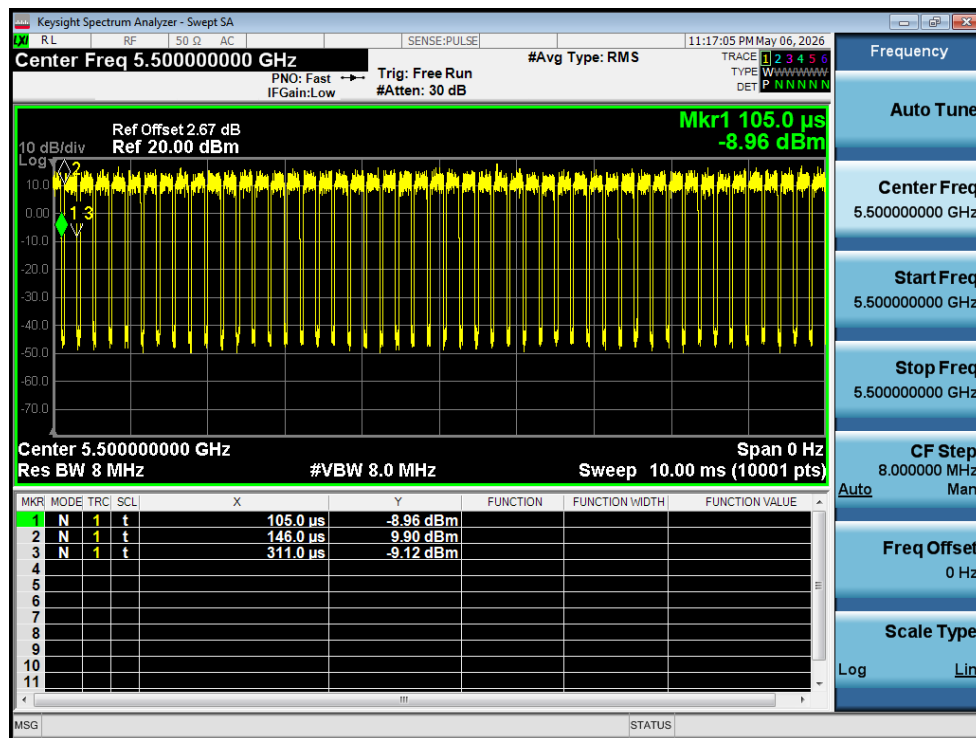
Duty Cycle NVNT a 5500MHz Ant1



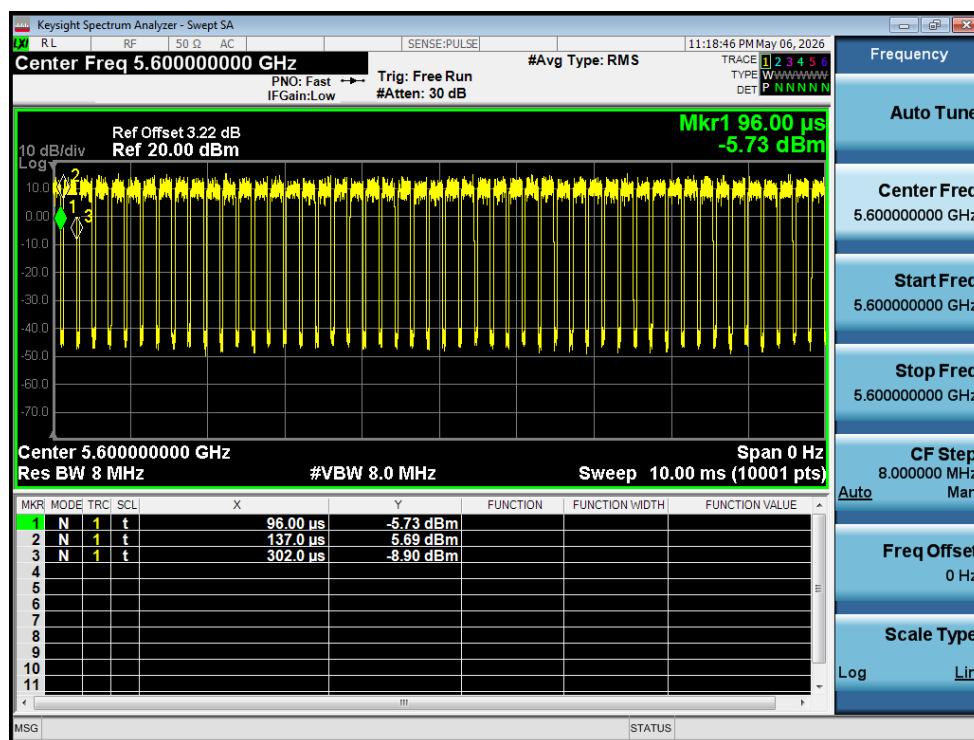
Duty Cycle NVNT a 5600MHz Ant1



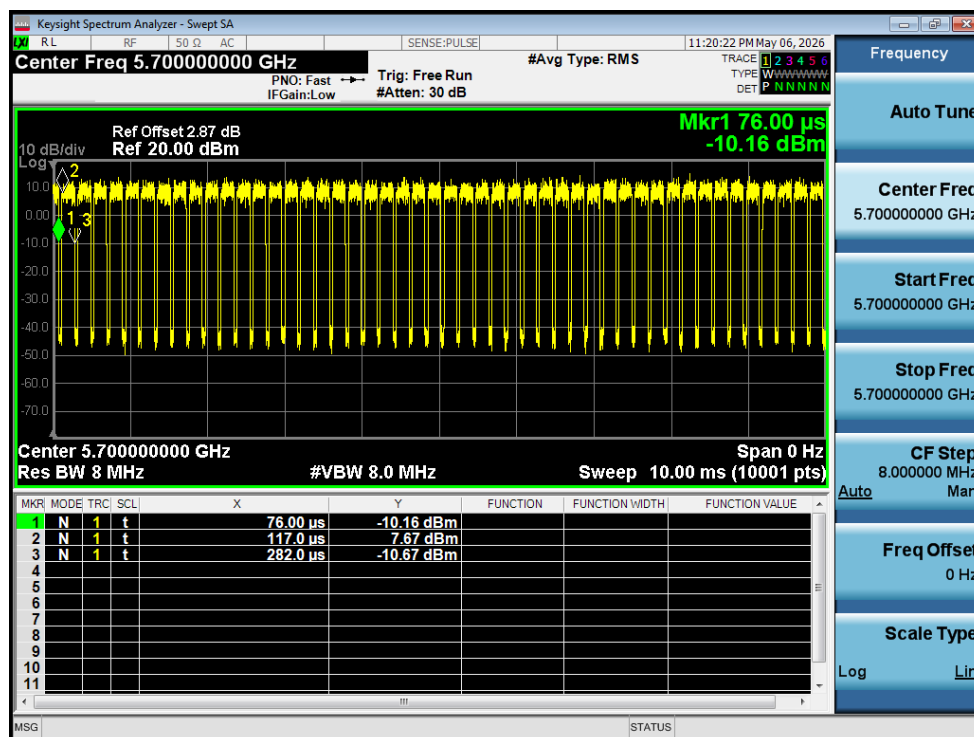
Duty Cycle NVNT a 5700MHz Ant1



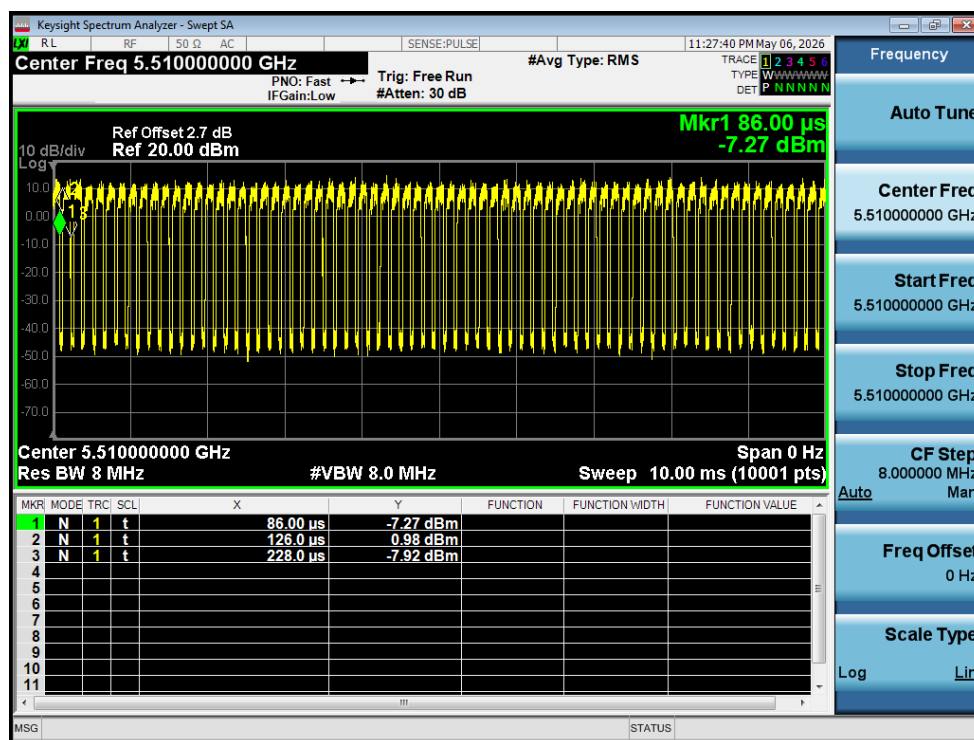
Duty Cycle NVNT n20 5500MHz Ant1



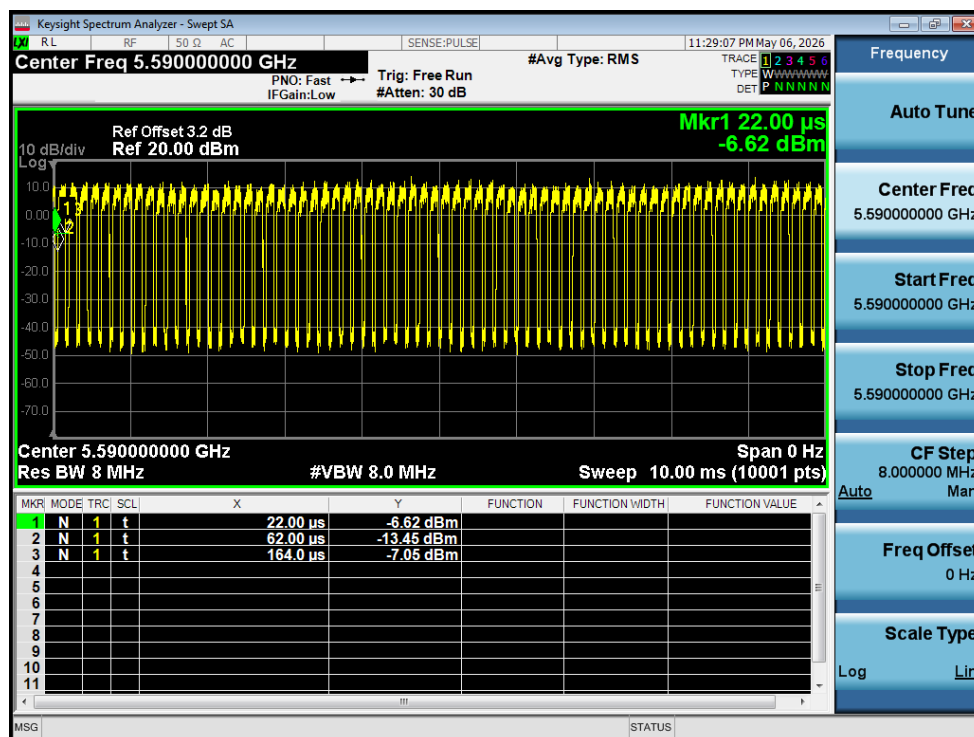
Duty Cycle NVNT n20 5600MHz Ant1



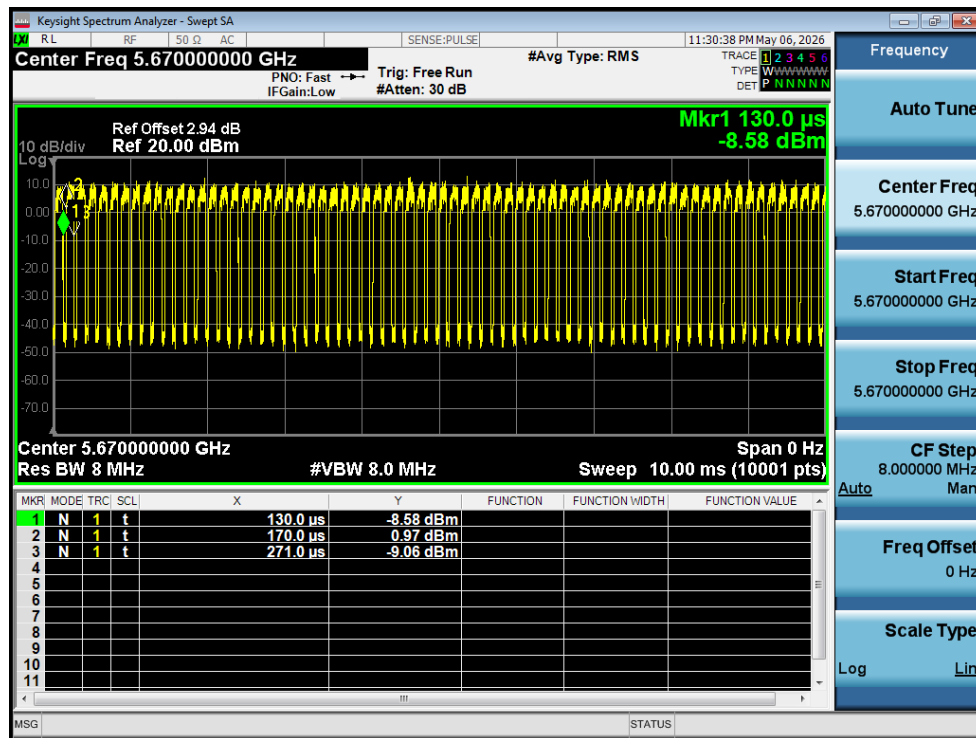
Duty Cycle NVNT n20 5700MHz Ant1



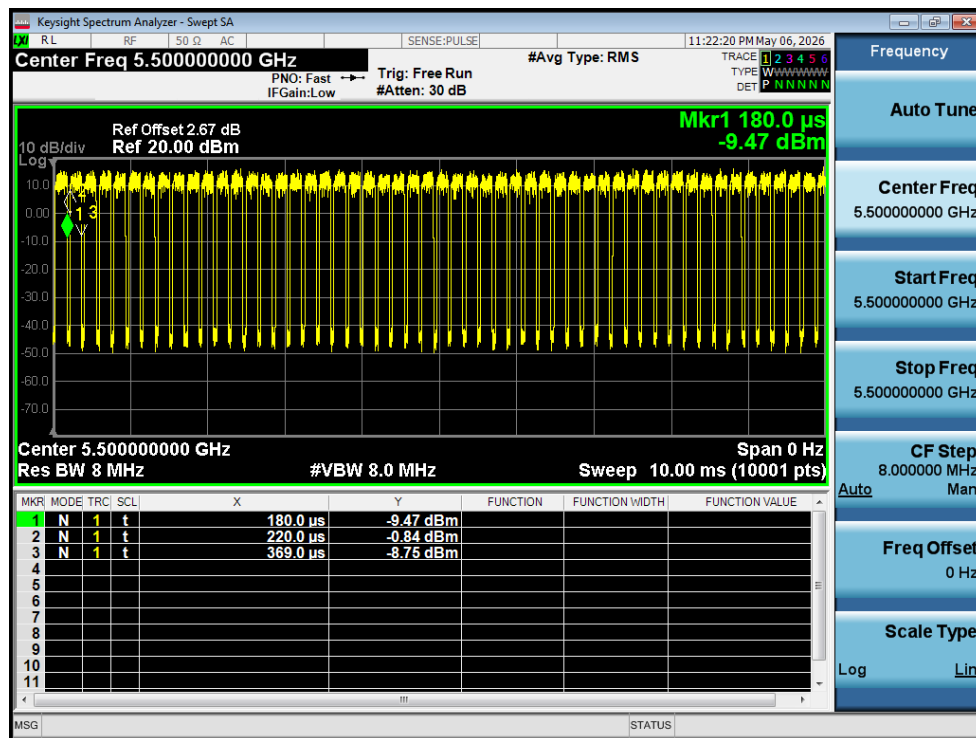
Duty Cycle NVNT n40 5510MHz Ant1



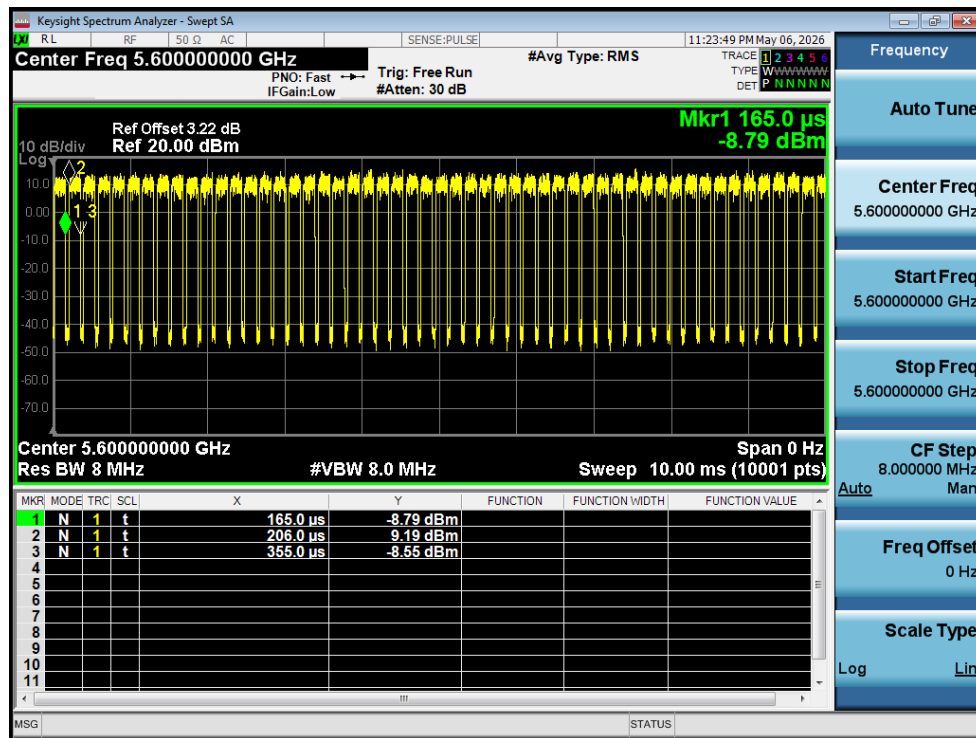
Duty Cycle NVNT n40 5590MHz Ant1



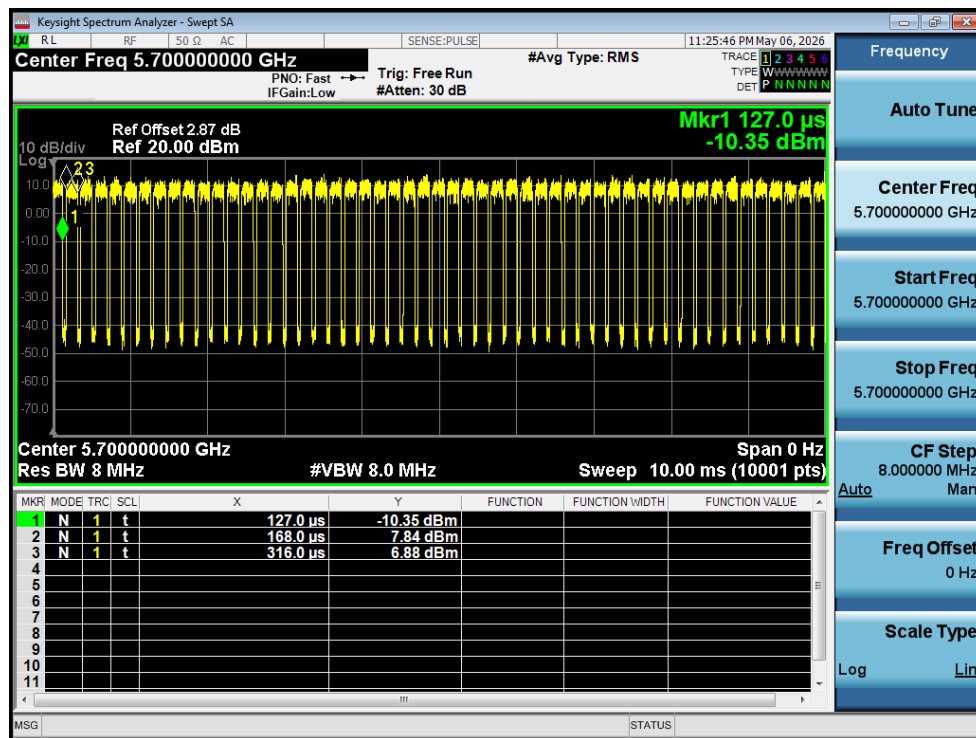
Duty Cycle NVNT n40 5670MHz Ant1



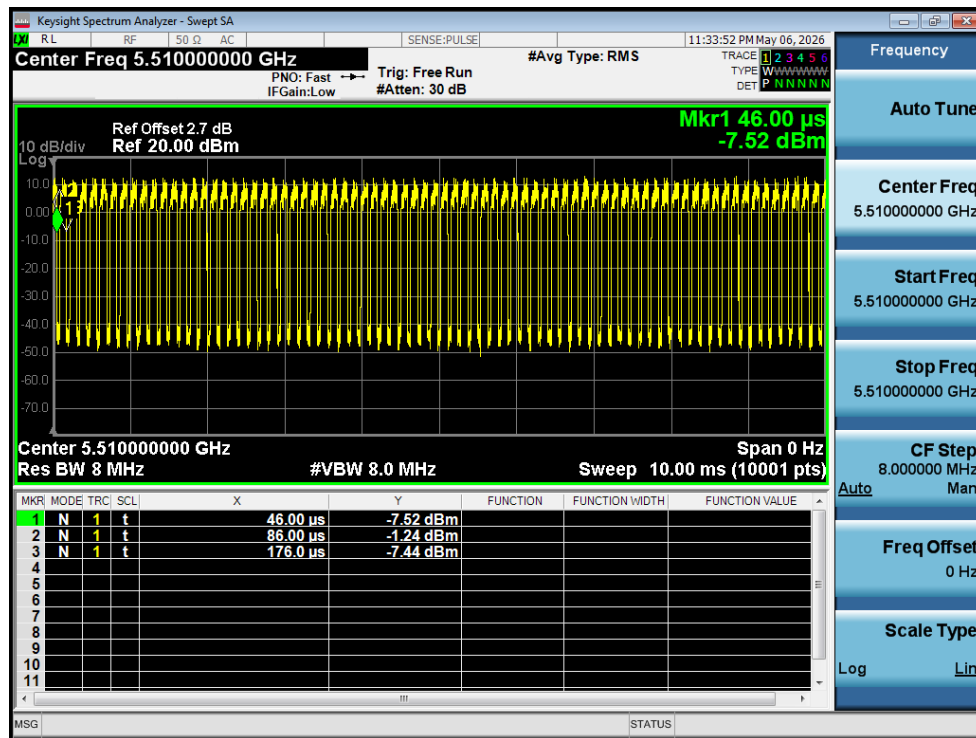
Duty Cycle NVNT ac20 5500MHz Ant1



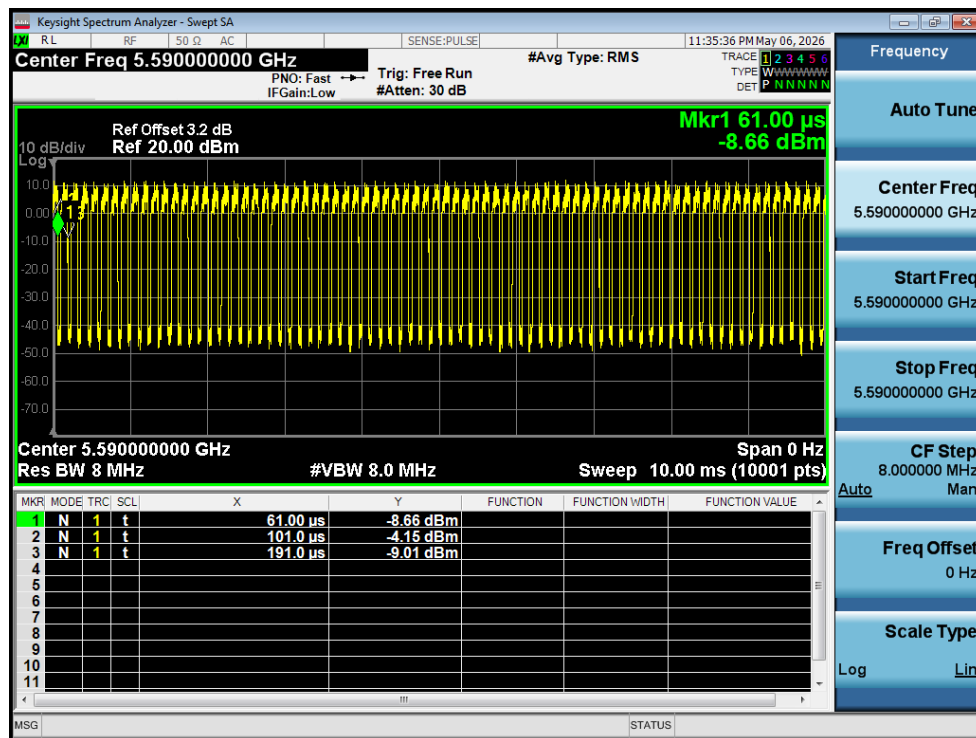
Duty Cycle NVNT ac20 5600MHz Ant1



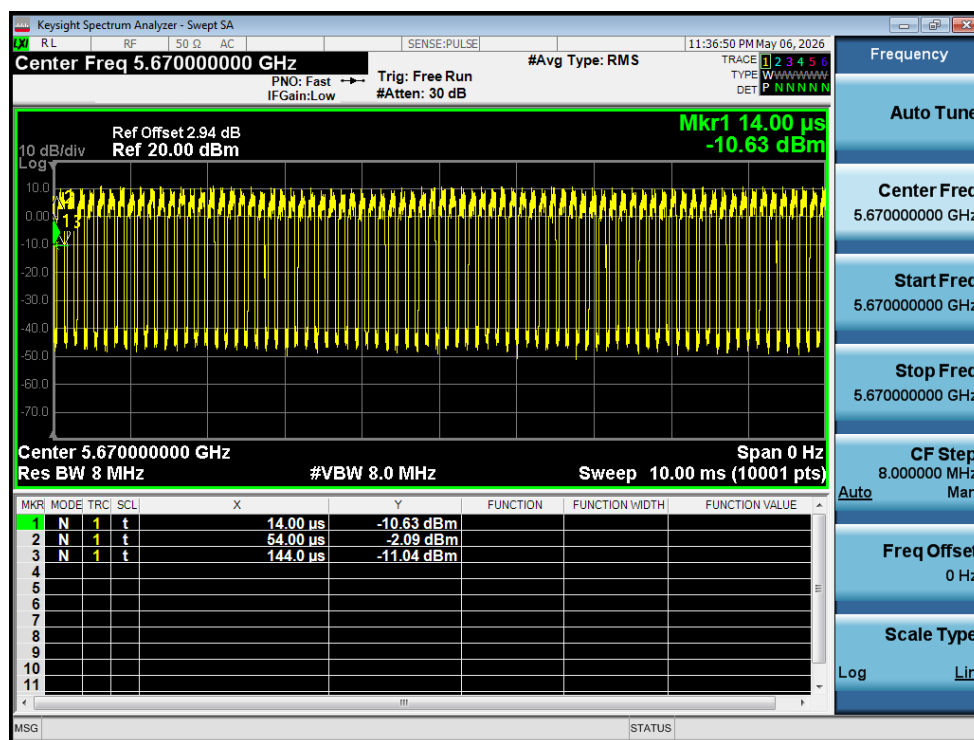
Duty Cycle NVNT ac20 5700MHz Ant1



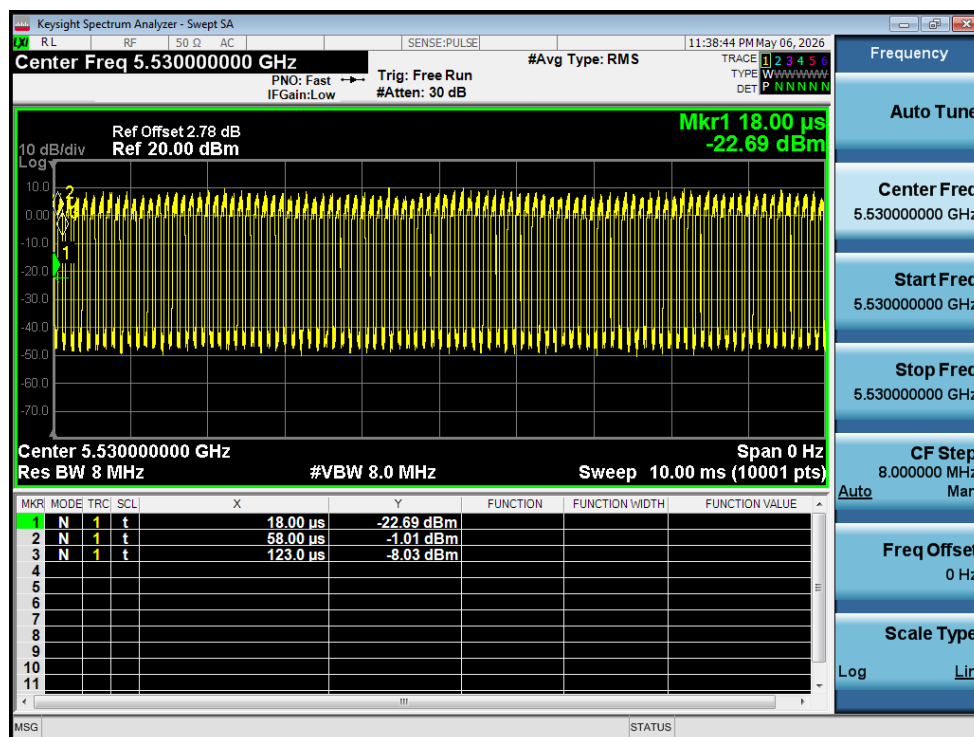
Duty Cycle NVNT ac40 5510MHz Ant1



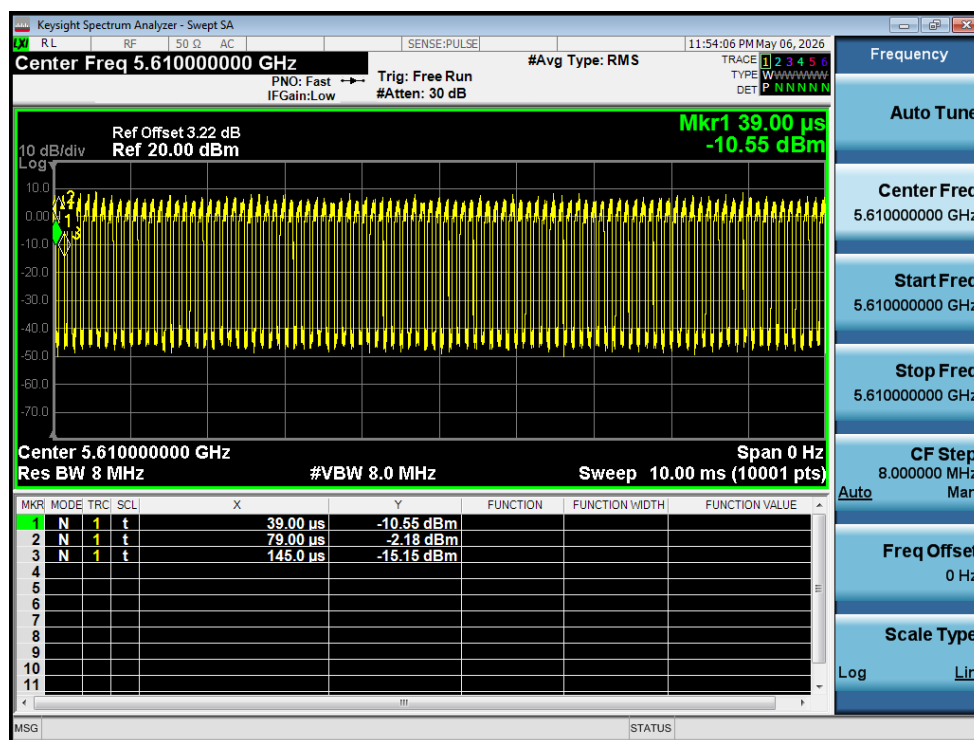
Duty Cycle NVNT ac40 5590MHz Ant1



Duty Cycle NVNT ac40 5670MHz Ant1



Duty Cycle NVNT ac80 5530MHz Ant1

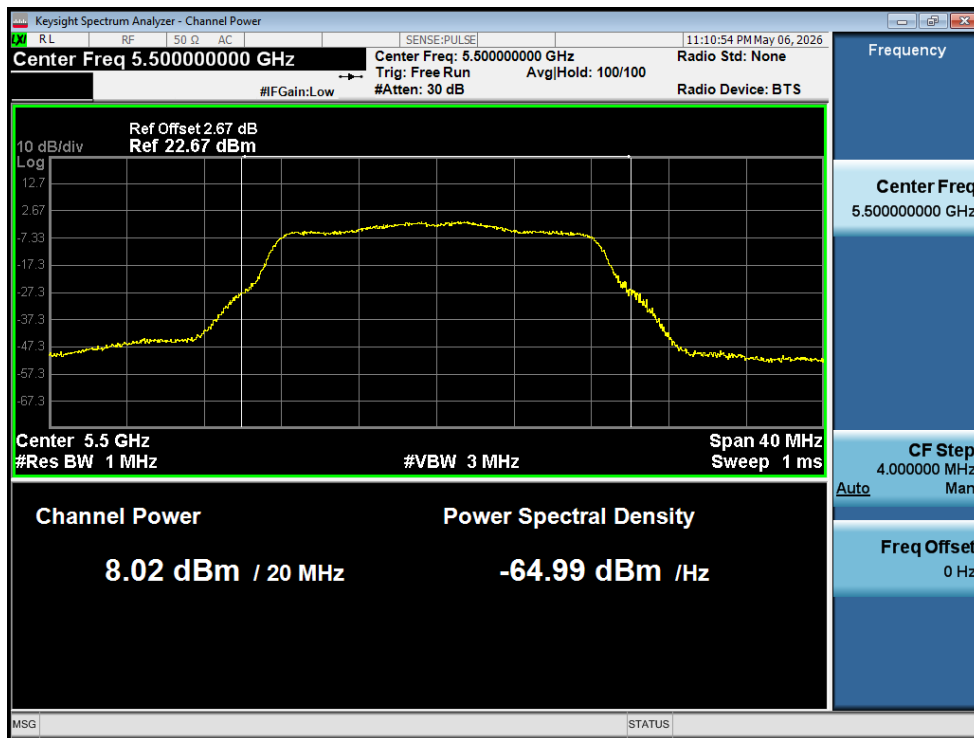


Duty Cycle NVNT ac80 5610MHz Ant1

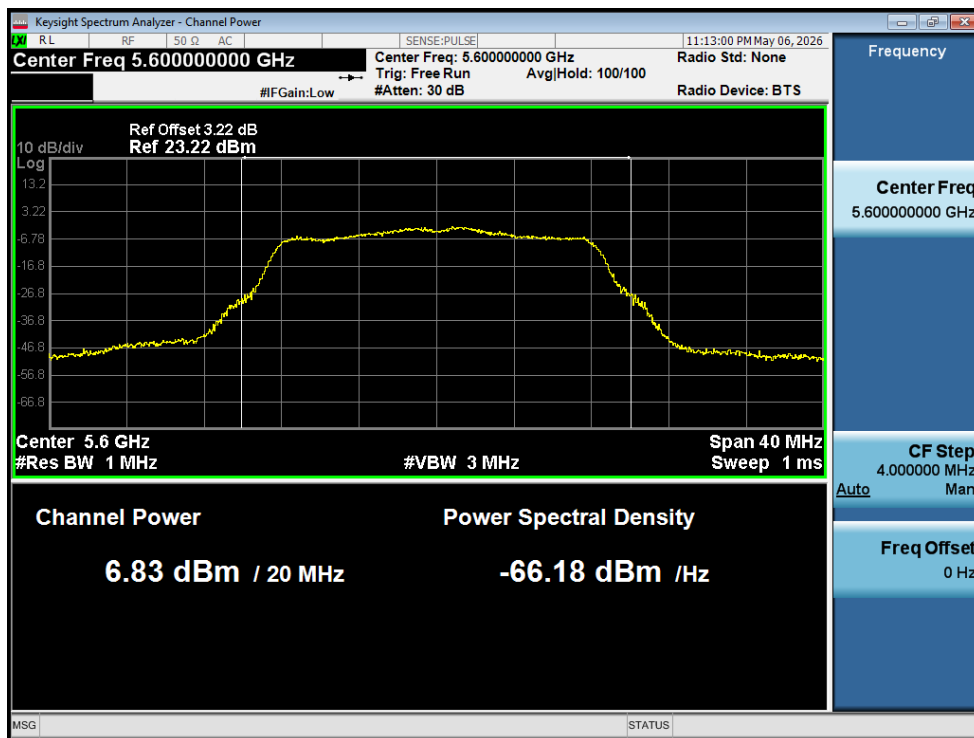
2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	8.02	0.88	8.9	24	Pass
NVNT	a	5600	Ant1	6.83	0.9	7.73	24	Pass
NVNT	a	5700	Ant1	5.64	0.9	6.54	24	Pass
NVNT	n20	5500	Ant1	7.8	0.96	8.76	24	Pass
NVNT	n20	5600	Ant1	6.5	0.96	7.46	24	Pass
NVNT	n20	5700	Ant1	5.2	0.96	6.16	24	Pass
NVNT	n40	5510	Ant1	7.29	1.44	8.73	24	Pass
NVNT	n40	5590	Ant1	6.28	1.44	7.72	24	Pass
NVNT	n40	5670	Ant1	5.13	1.45	6.58	24	Pass
NVNT	ac20	5500	Ant1	7.75	1.03	8.78	24	Pass
NVNT	ac20	5600	Ant1	6.48	1.06	7.54	24	Pass
NVNT	ac20	5700	Ant1	5.17	1.06	6.23	24	Pass
NVNT	ac40	5510	Ant1	5.97	1.6	7.57	24	Pass
NVNT	ac40	5590	Ant1	4.85	1.6	6.45	24	Pass
NVNT	ac40	5670	Ant1	3.95	1.6	5.55	24	Pass
NVNT	ac80	5530	Ant1	5.21	2.08	7.29	24	Pass
NVNT	ac80	5610	Ant1	4.17	2.06	6.23	24	Pass

Note 1: Total power=Conducted power + Duty factor



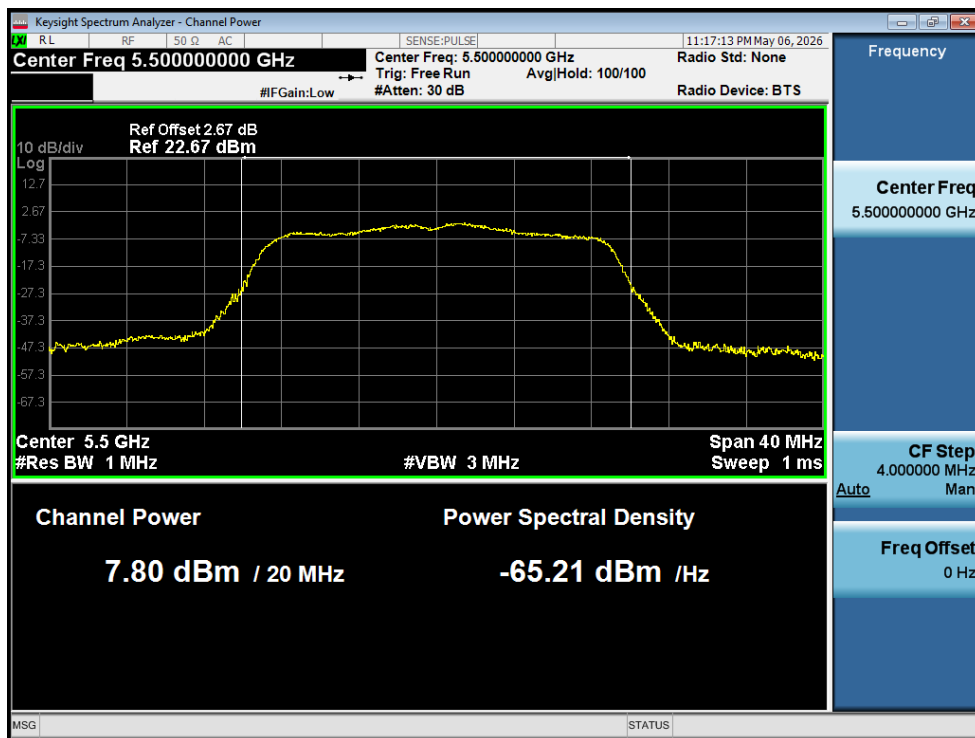
Power NVNT a 5500MHz Ant1



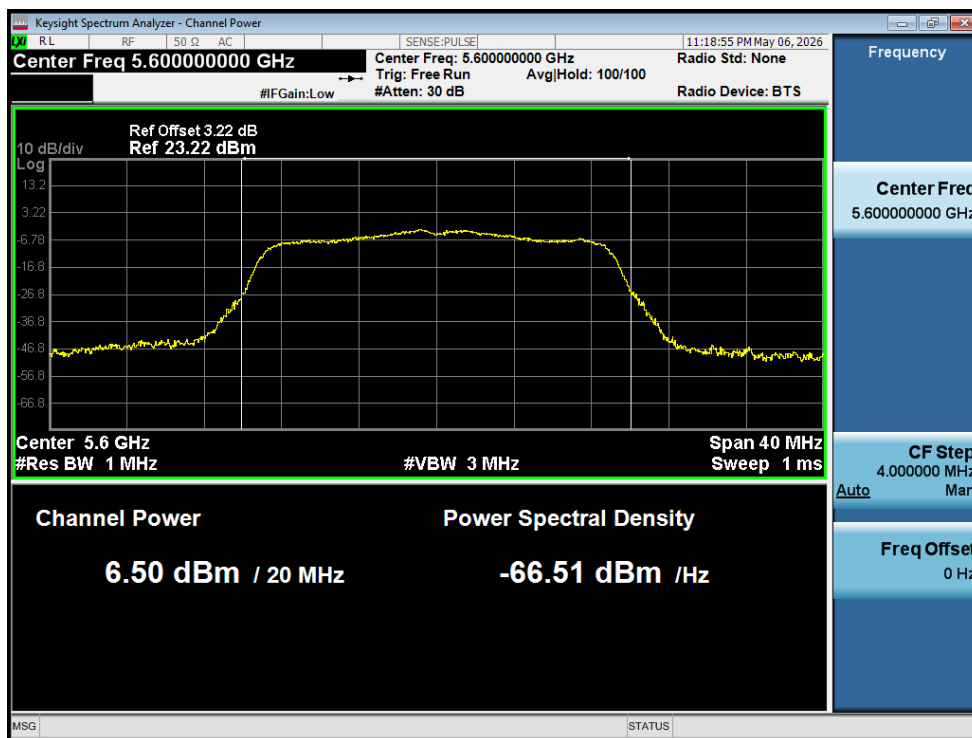
Power NVNT a 5600MHz Ant1



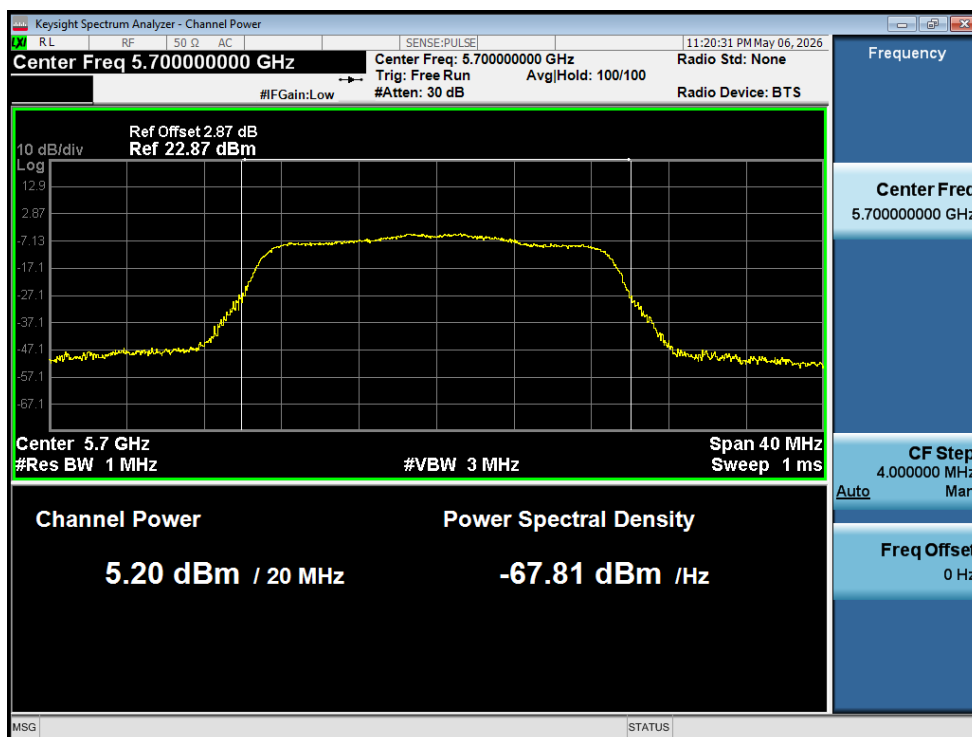
Power NVNT a 5700MHz Ant1



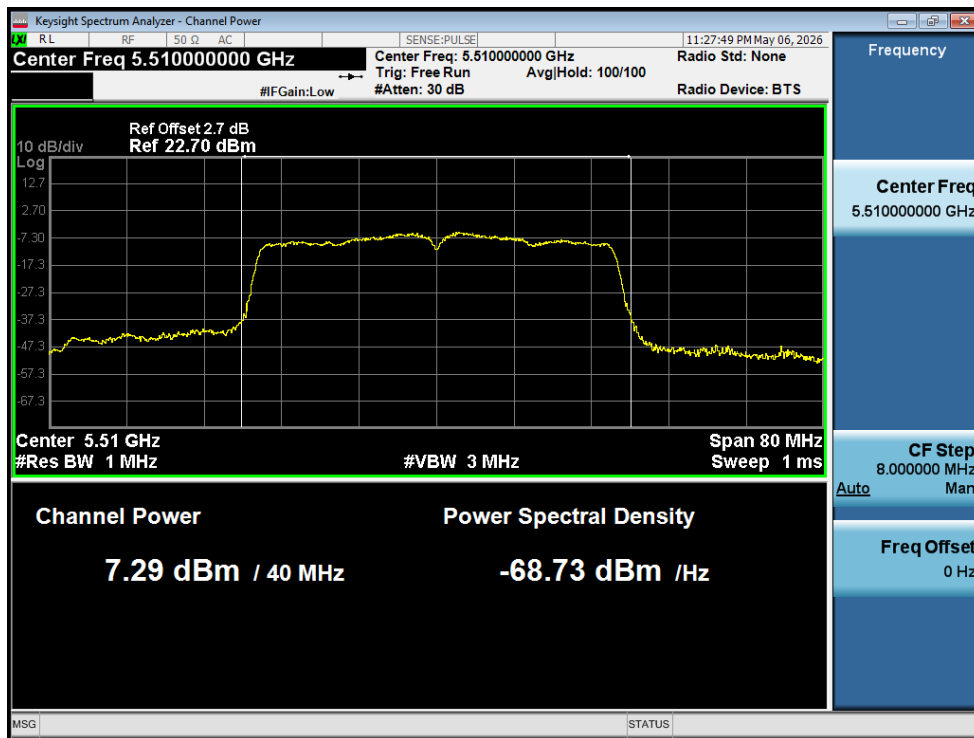
Power NVNT n20 5500MHz Ant1



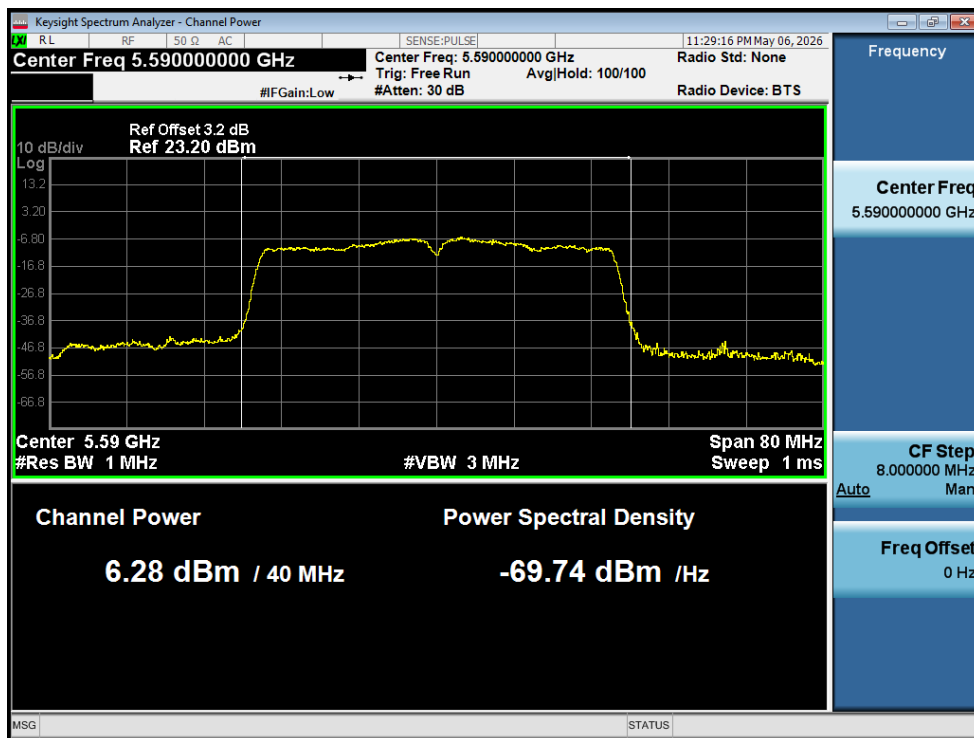
Power NVNT n20 5600MHz Ant1



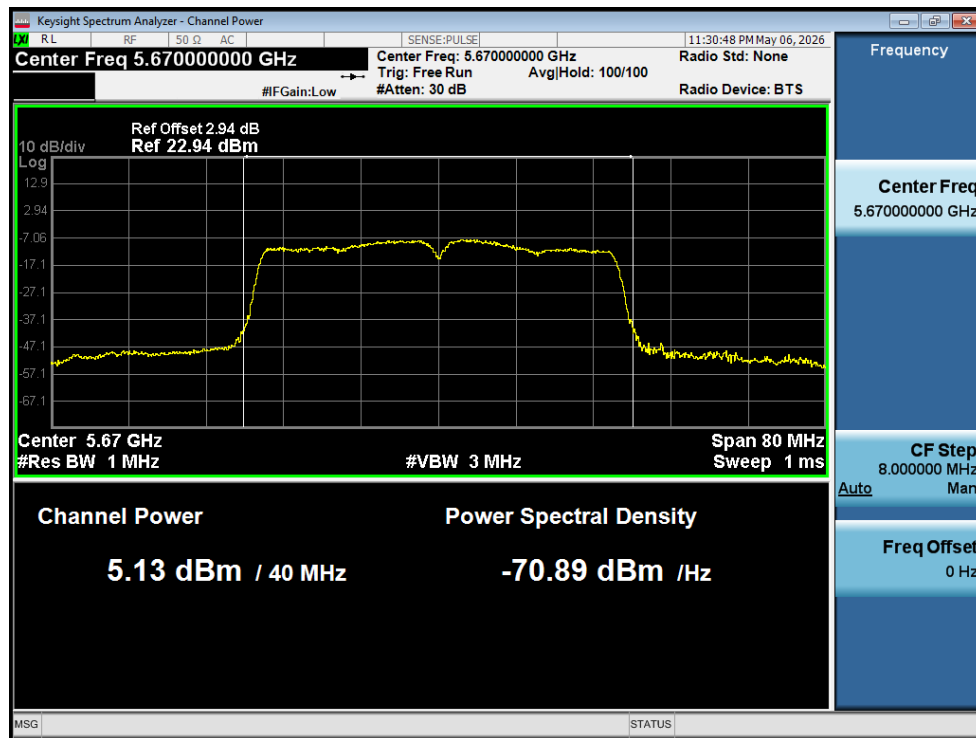
Power NVNT n20 5700MHz Ant1



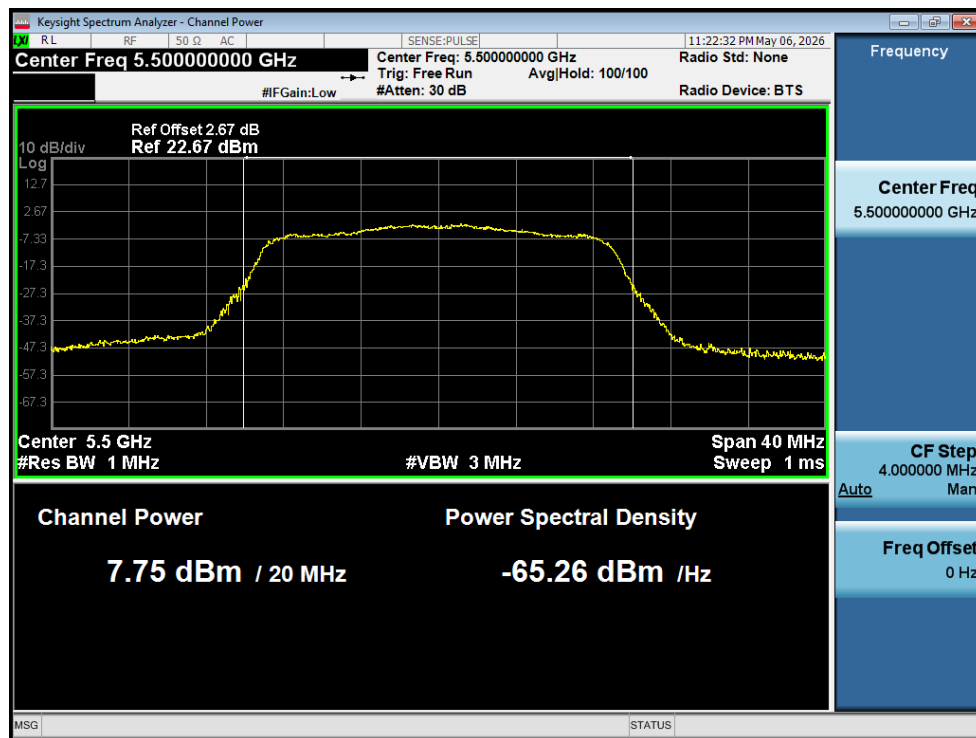
Power NVNT n40 5510MHz Ant1



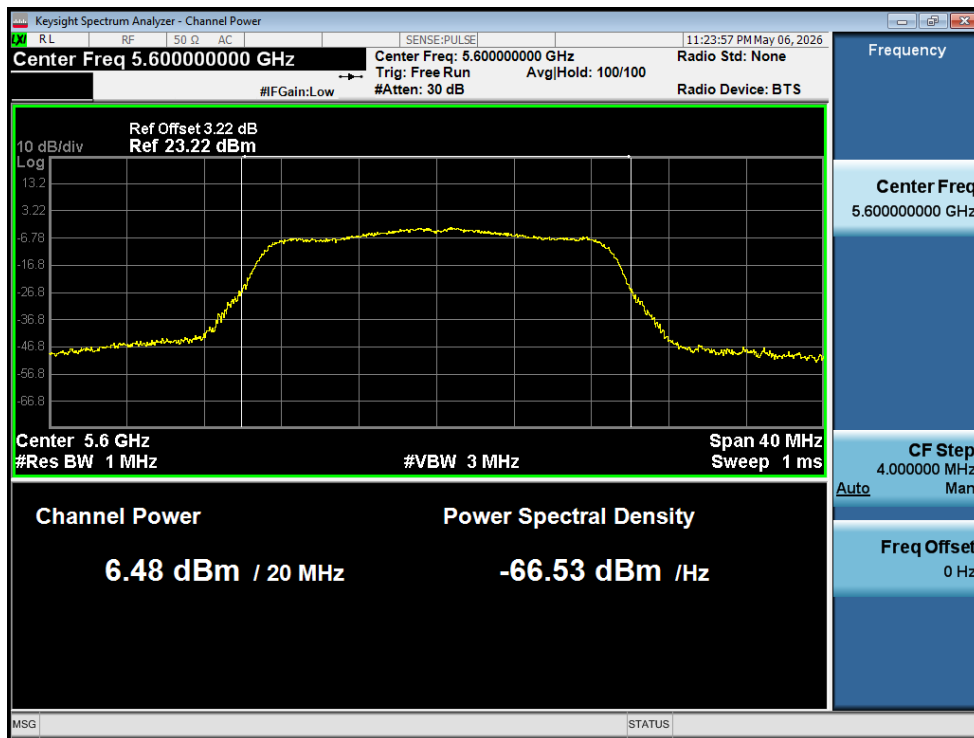
Power NVNT n40 5590MHz Ant1



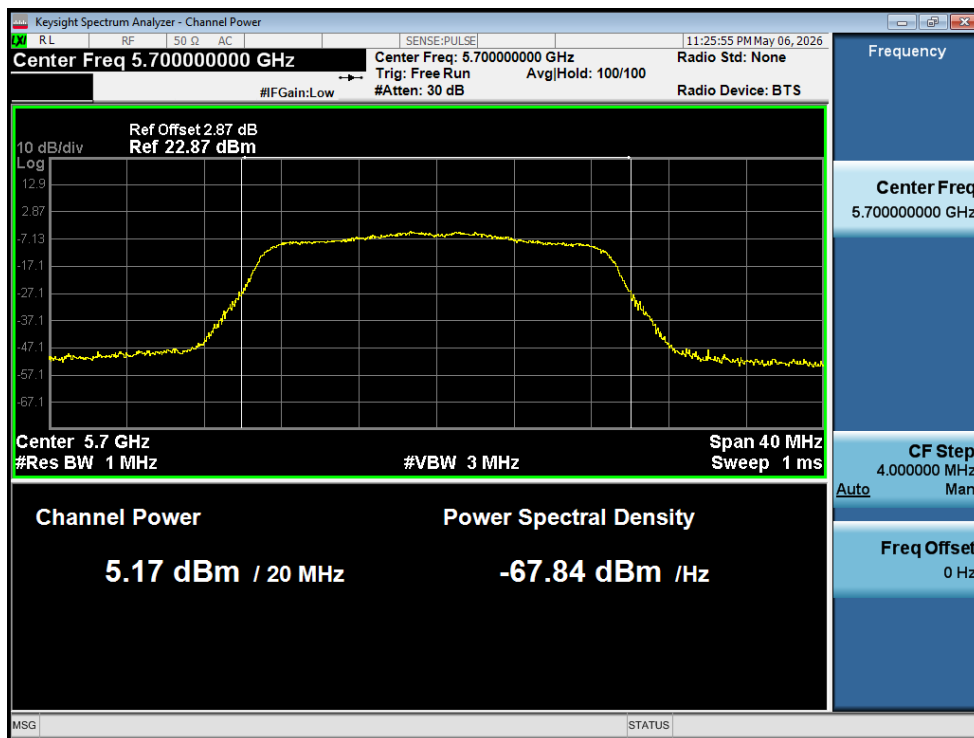
Power NVNT n40 5670MHz Ant1



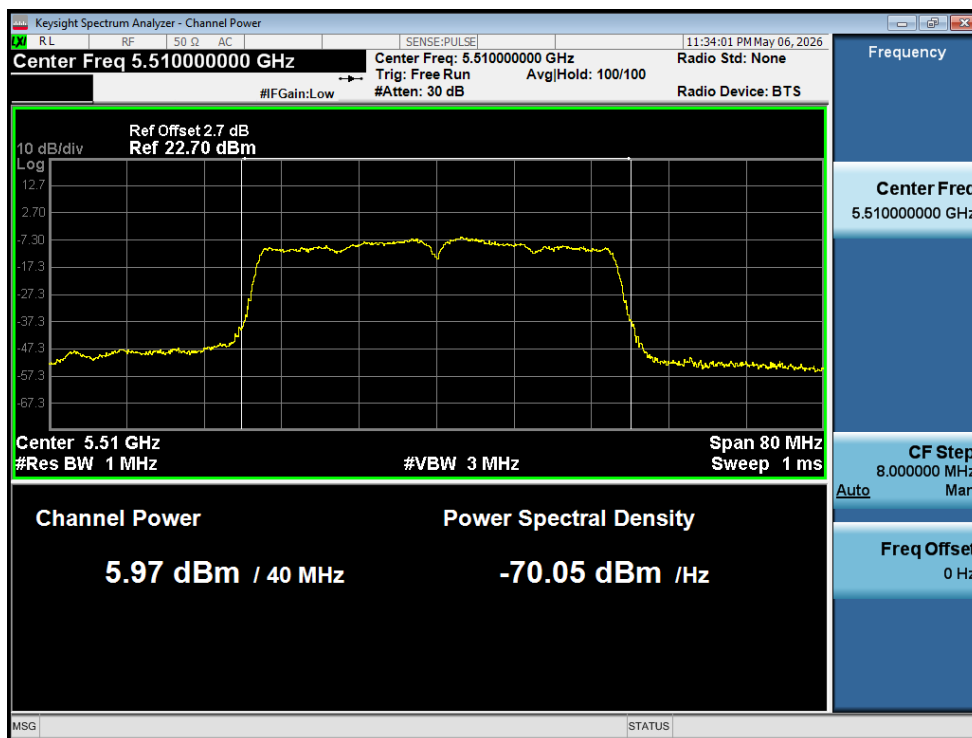
Power NVNT ac20 5500MHz Ant1



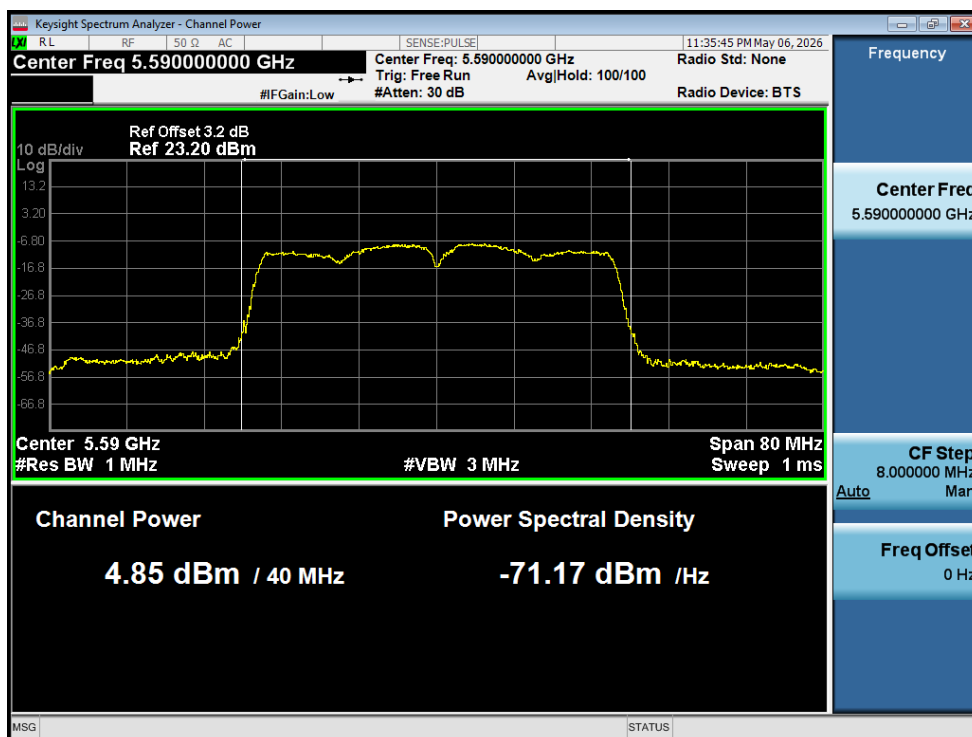
Power NVNT ac20 5600MHz Ant1



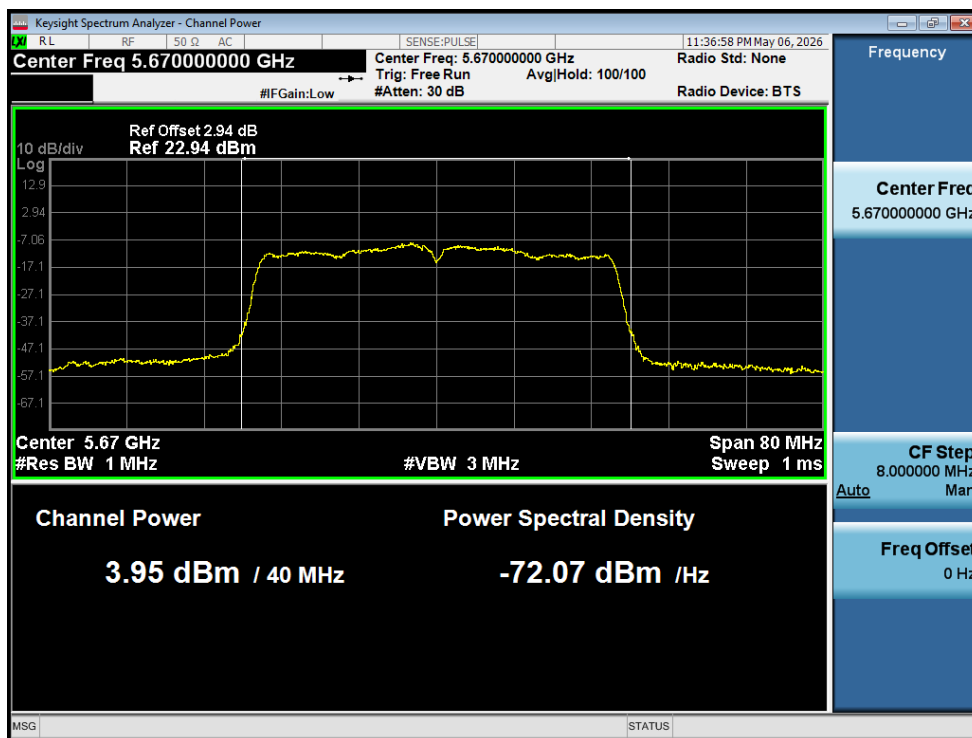
Power NVNT ac20 5700MHz Ant1



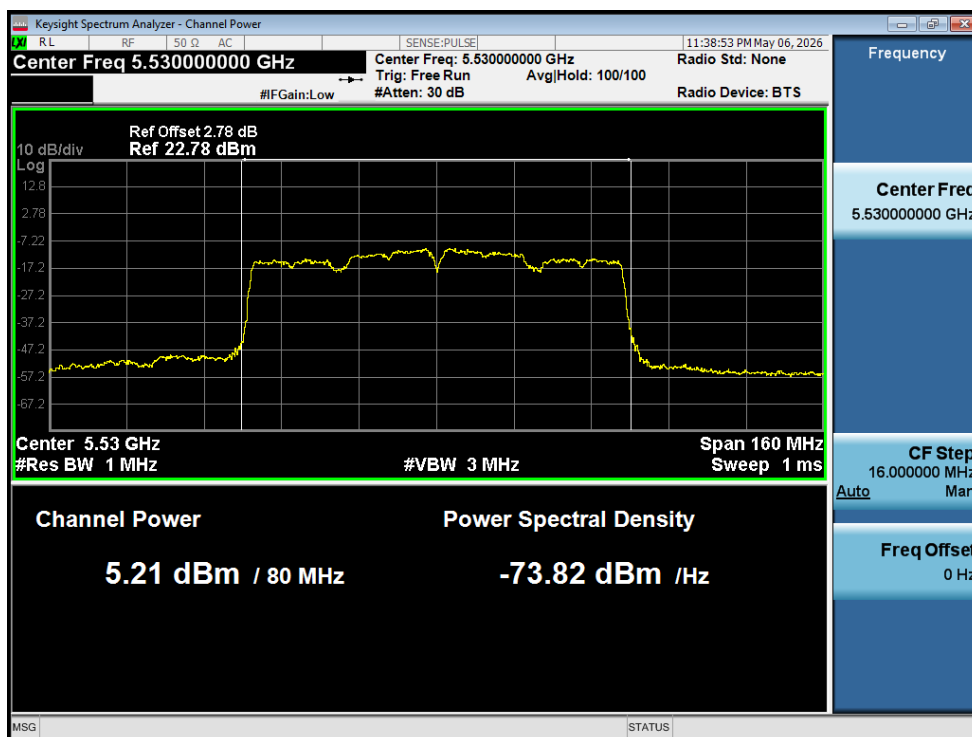
Power NVNT ac40 5510MHz Ant1



Power NVNT ac40 5590MHz Ant1



Power NVNT ac40 5670MHz Ant1



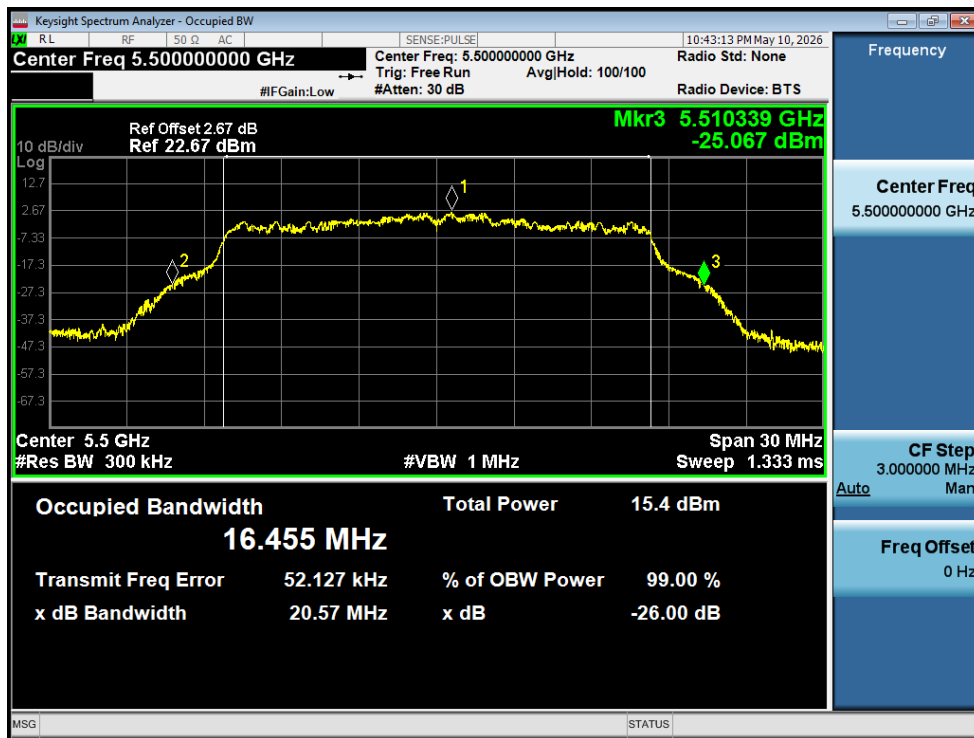
Power NVNT ac80 5530MHz Ant1



Power NVNT ac80 5610MHz Ant1

3. -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	20.57	Pass
NVNT	a	5600	Ant1	20.57	Pass
NVNT	a	5700	Ant1	20.67	Pass
NVNT	n20	5500	Ant1	20.97	Pass
NVNT	n20	5600	Ant1	21.19	Pass
NVNT	n20	5700	Ant1	20.96	Pass
NVNT	n40	5510	Ant1	38.89	Pass
NVNT	n40	5590	Ant1	38.76	Pass
NVNT	n40	5670	Ant1	38.36	Pass
NVNT	ac20	5500	Ant1	21.20	Pass
NVNT	ac20	5600	Ant1	21.12	Pass
NVNT	ac20	5700	Ant1	21.11	Pass
NVNT	ac40	5510	Ant1	39.07	Pass
NVNT	ac40	5590	Ant1	39.31	Pass
NVNT	ac40	5670	Ant1	39.40	Pass
NVNT	ac80	5530	Ant1	79.00	Pass
NVNT	ac80	5610	Ant1	78.63	Pass



-26dB Bandwidth NVNT a 5500MHz Ant1



-26dB Bandwidth NVNT a 5600MHz Ant1



-26dB Bandwidth NVNT a 5700MHz Ant1



-26dB Bandwidth NVNT n20 5500MHz Ant1



-26dB Bandwidth NVNT n20 5600MHz Ant1



-26dB Bandwidth NVNT n20 5700MHz Ant1



-26dB Bandwidth NVNT n40 5510MHz Ant1



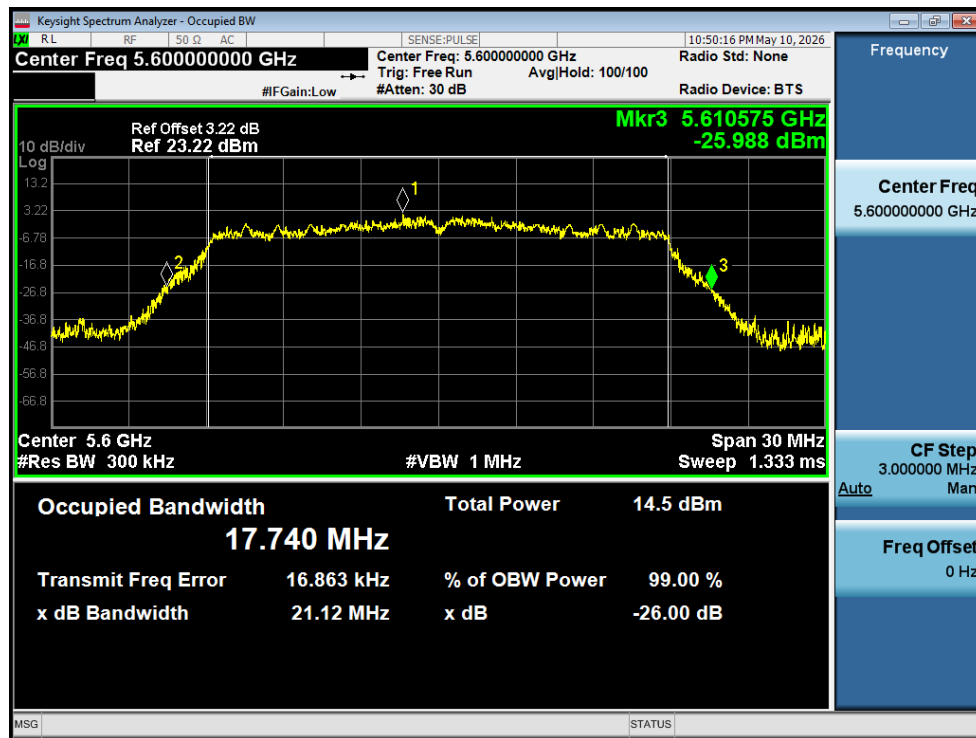
-26dB Bandwidth NVNT n40 5590MHz Ant1



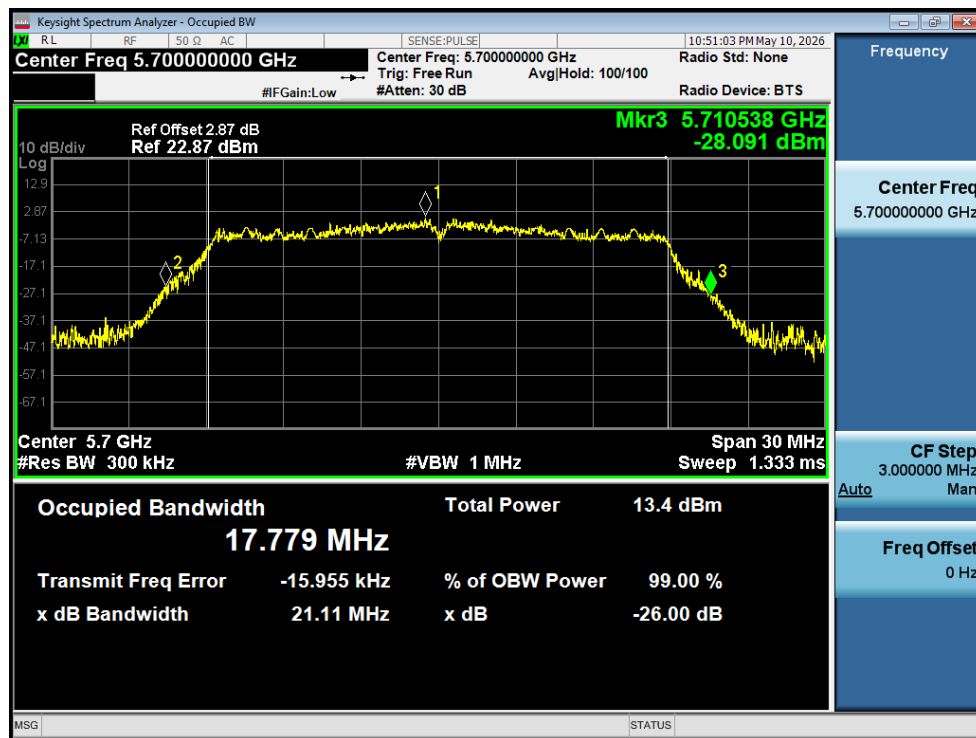
-26dB Bandwidth NVNT n40 5670MHz Ant1



-26dB Bandwidth NVNT ac20 5500MHz Ant1



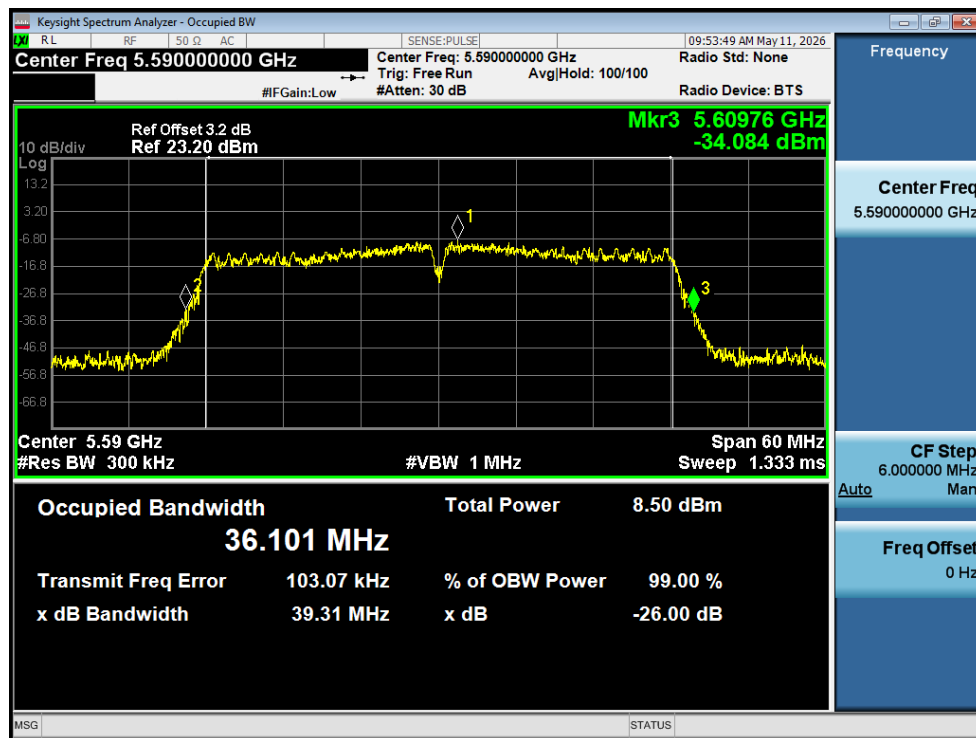
-26dB Bandwidth NVNT ac20 5600MHz Ant1



-26dB Bandwidth NVNT ac20 5700MHz Ant1



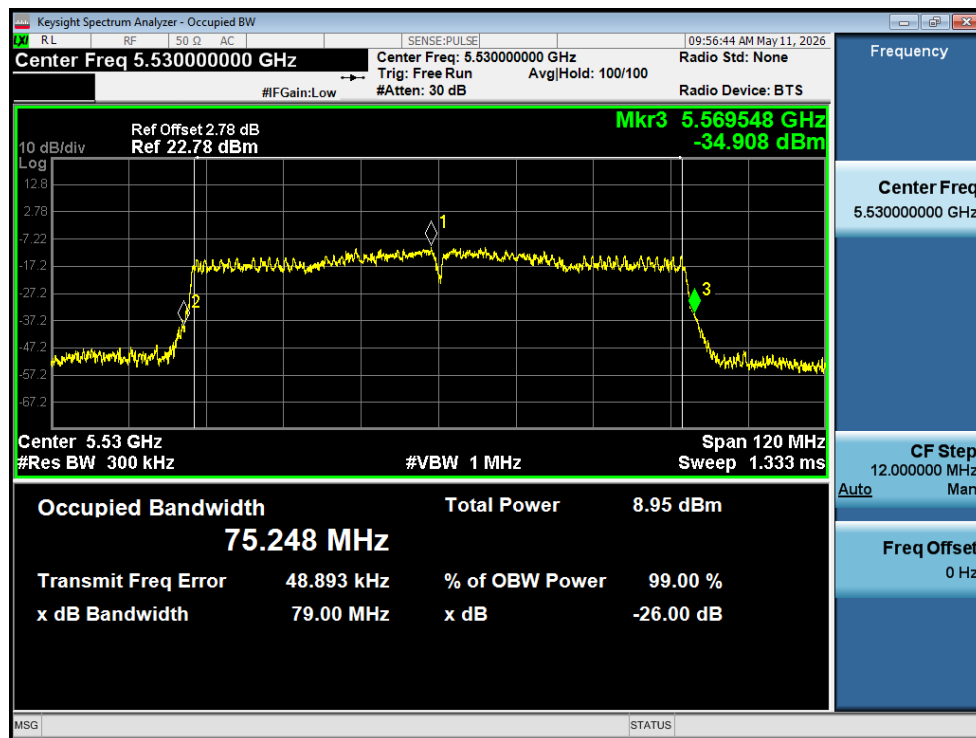
-26dB Bandwidth NVNT ac40 5510MHz Ant1



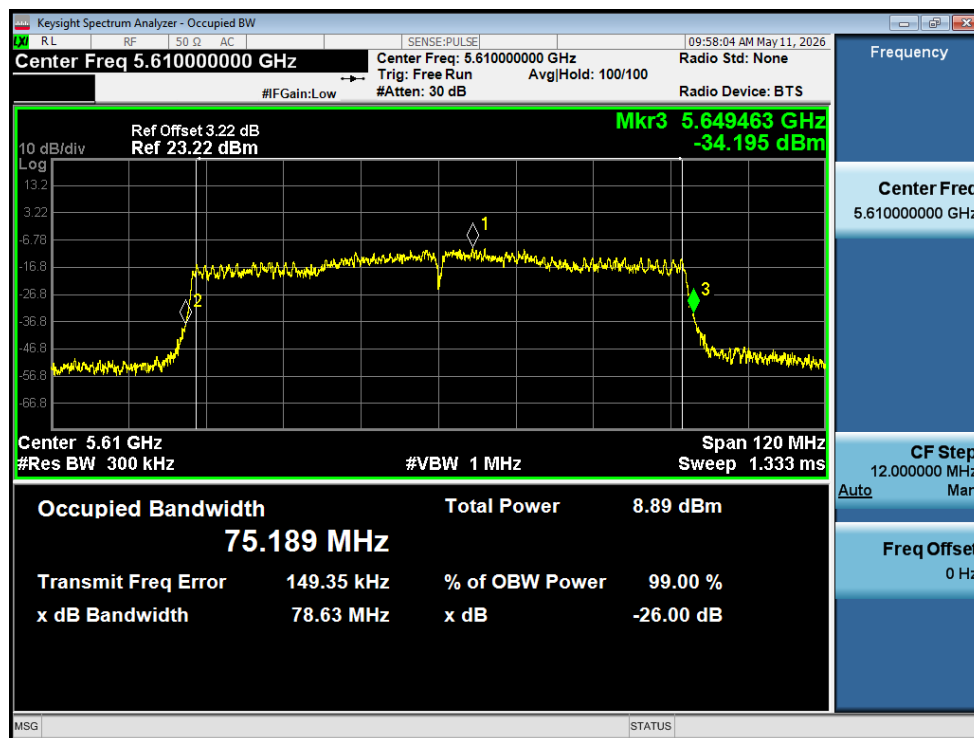
-26dB Bandwidth NVNT ac40 5590MHz Ant1



-26dB Bandwidth NVNT ac40 5670MHz Ant1



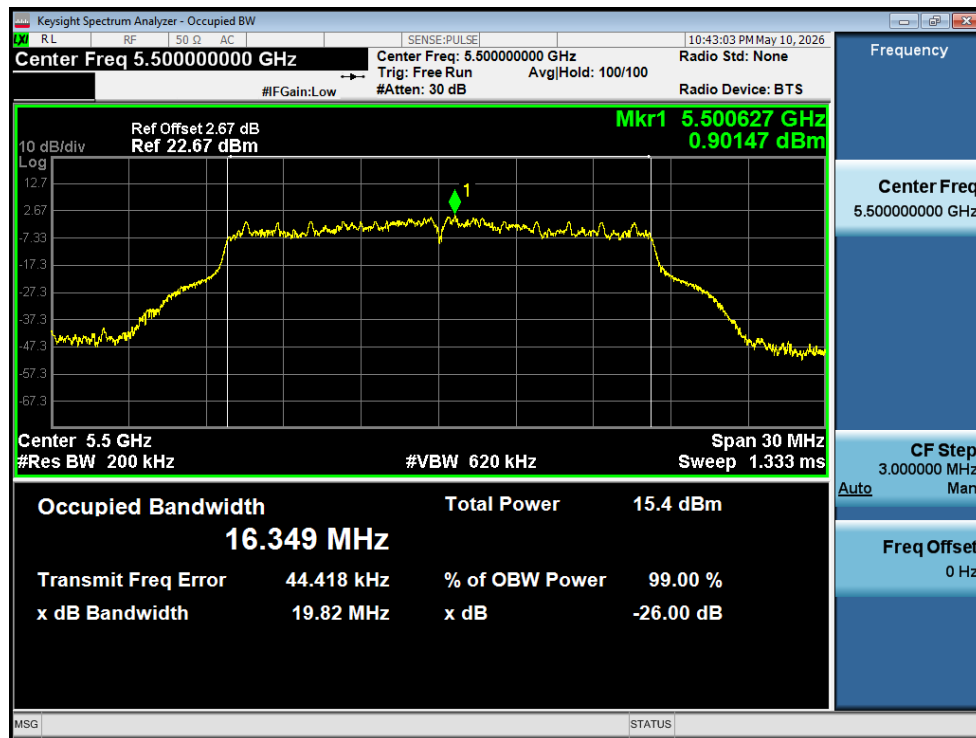
-26dB Bandwidth NVNT ac80 5530MHz Ant1



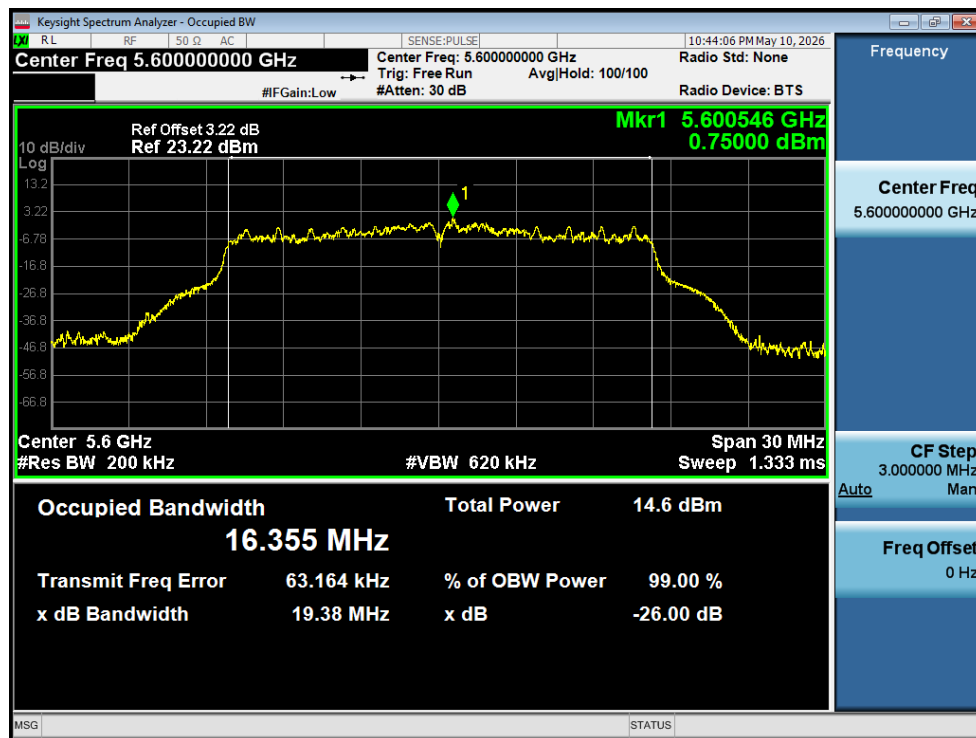
-26dB Bandwidth NVNT ac80 5610MHz Ant1

4. Occupied Channel Bandwidth

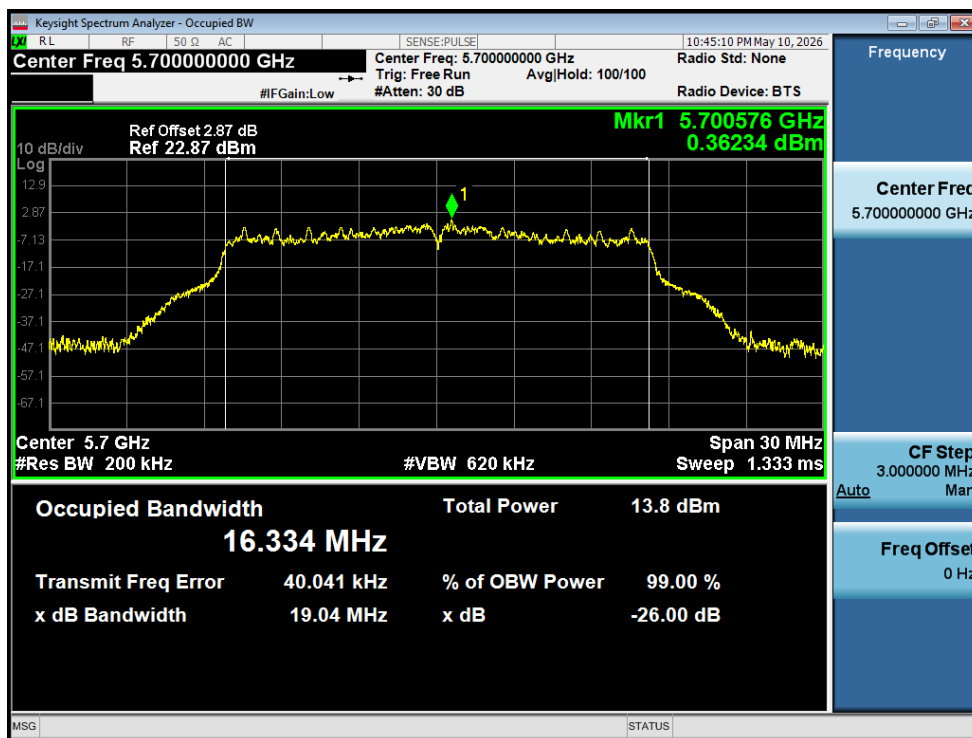
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.349
NVNT	a	5600	Ant1	16.355
NVNT	a	5700	Ant1	16.334
NVNT	n20	5500	Ant1	17.609
NVNT	n20	5600	Ant1	17.593
NVNT	n20	5700	Ant1	17.589
NVNT	n40	5510	Ant1	36.041
NVNT	n40	5590	Ant1	36.091
NVNT	n40	5670	Ant1	35.989
NVNT	ac20	5500	Ant1	17.646
NVNT	ac20	5600	Ant1	17.6
NVNT	ac20	5700	Ant1	17.665
NVNT	ac40	5510	Ant1	36.18
NVNT	ac40	5590	Ant1	36.242
NVNT	ac40	5670	Ant1	36.165
NVNT	ac80	5530	Ant1	75.212
NVNT	ac80	5610	Ant1	75



OBW NVNT a 5500MHz Ant1



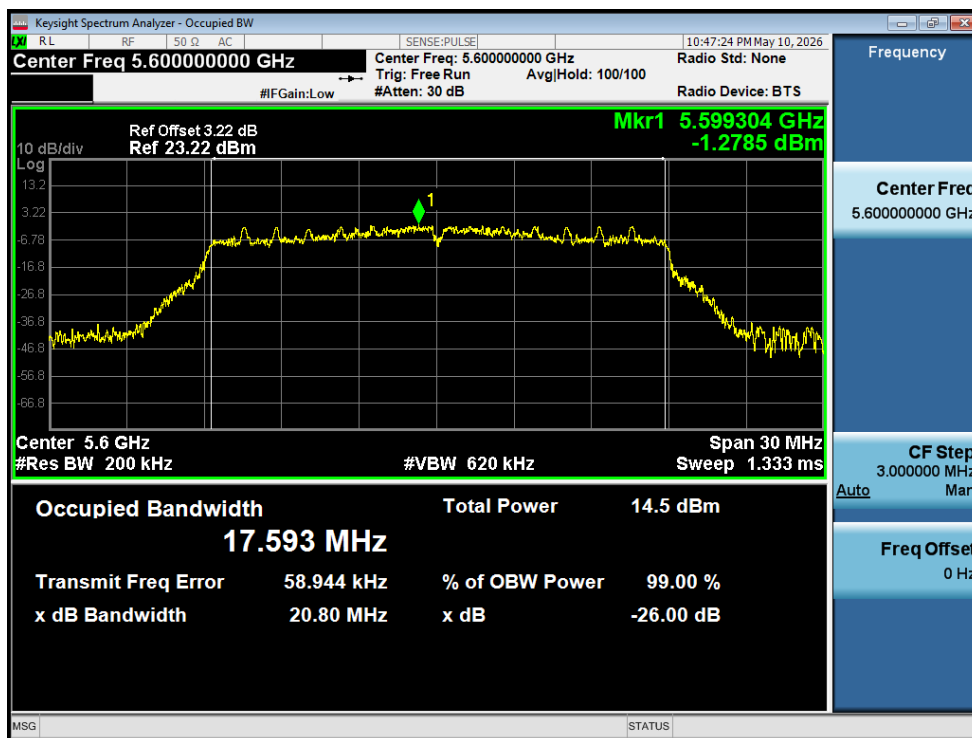
OBW NVNT a 5600MHz Ant1



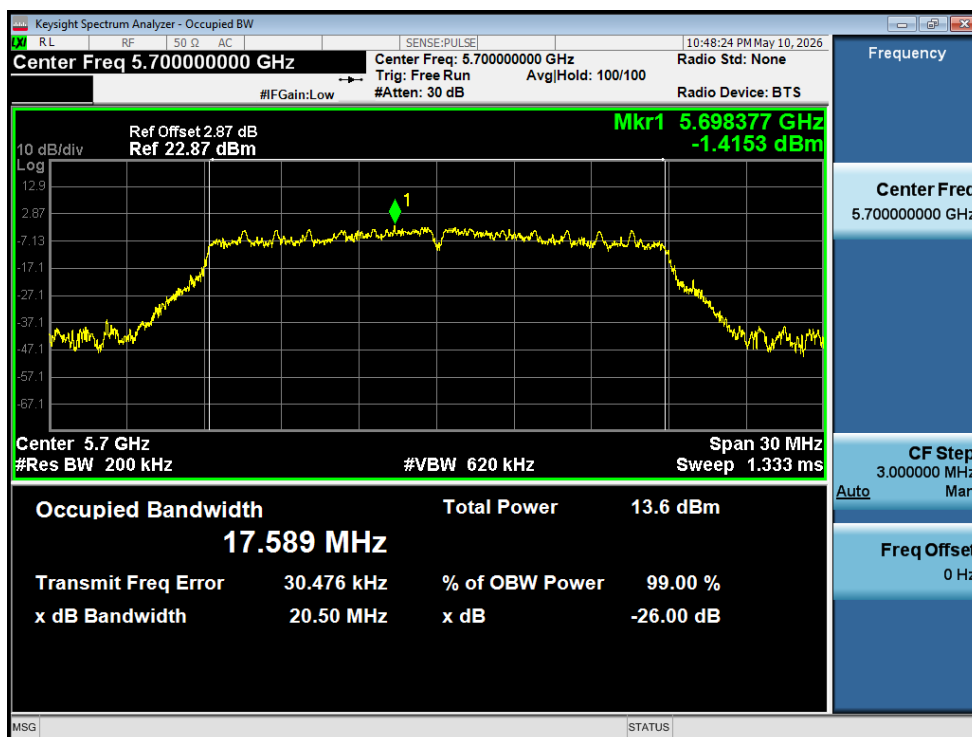
OBW NVNT a 5700MHz Ant1



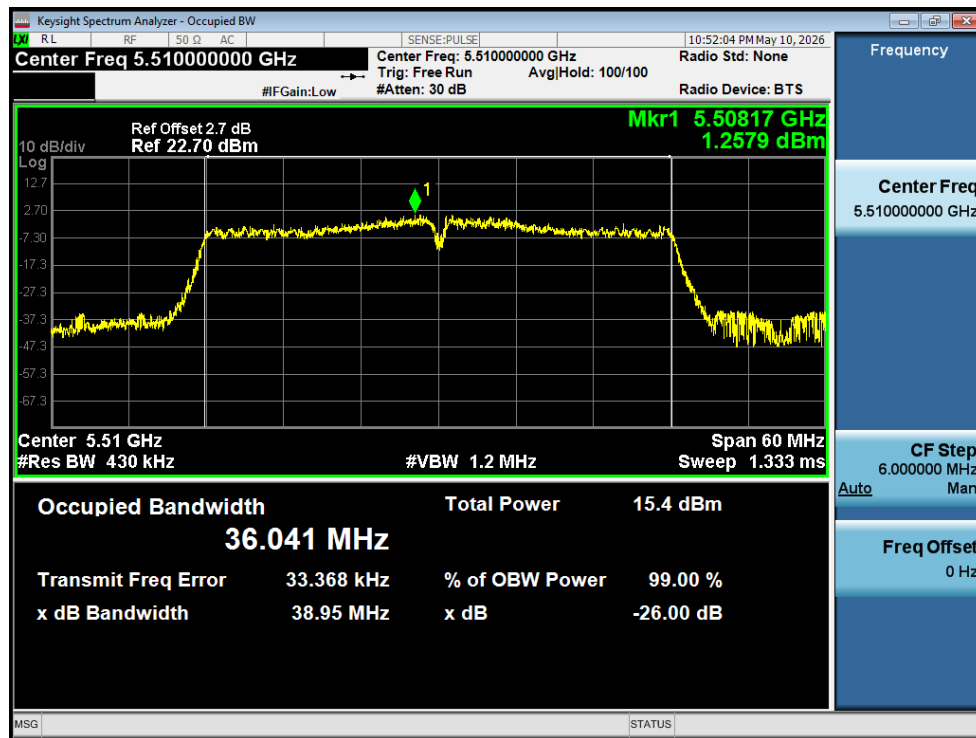
OBW NVNT n20 5500MHz Ant1



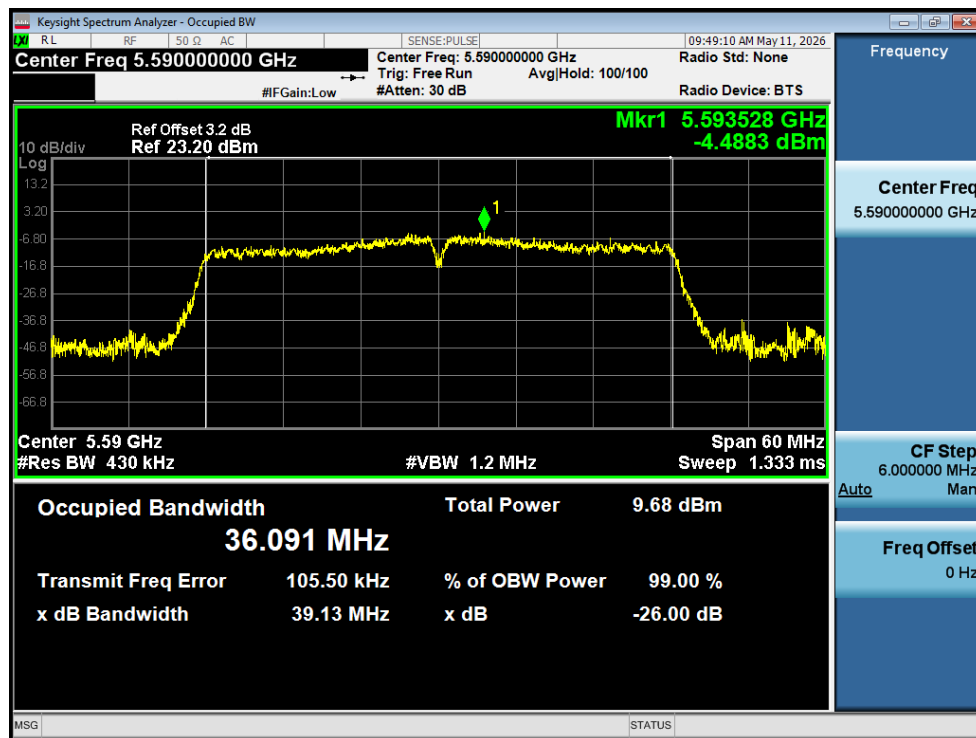
OBW NVNT n20 5600MHz Ant1



OBW NVNT n20 5700MHz Ant1



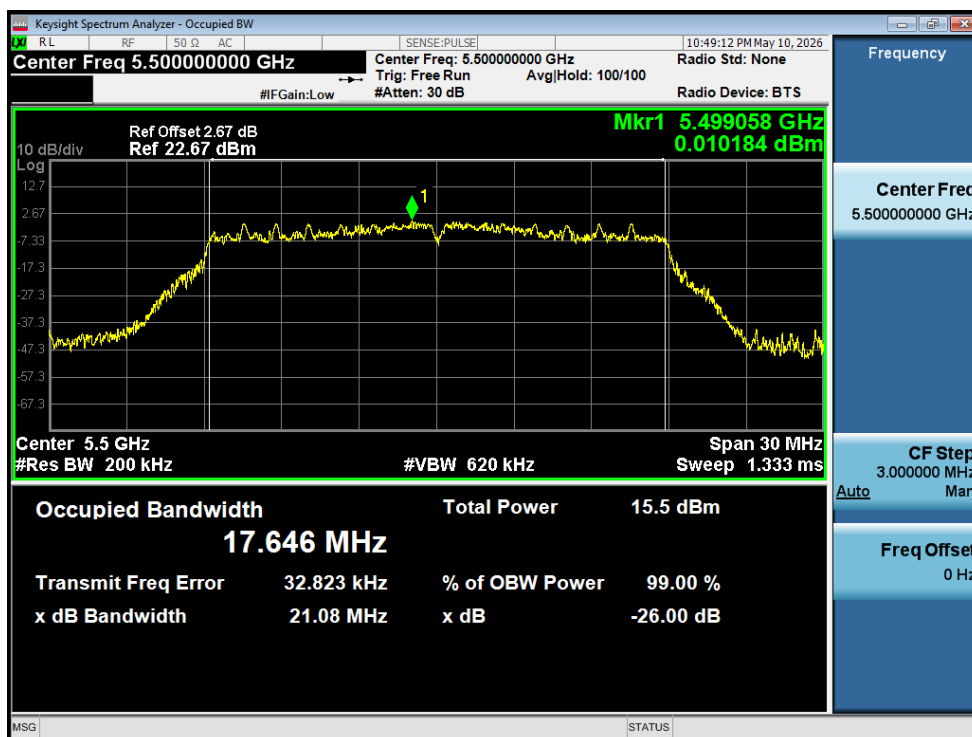
OBW NVNT n40 5510MHz Ant1



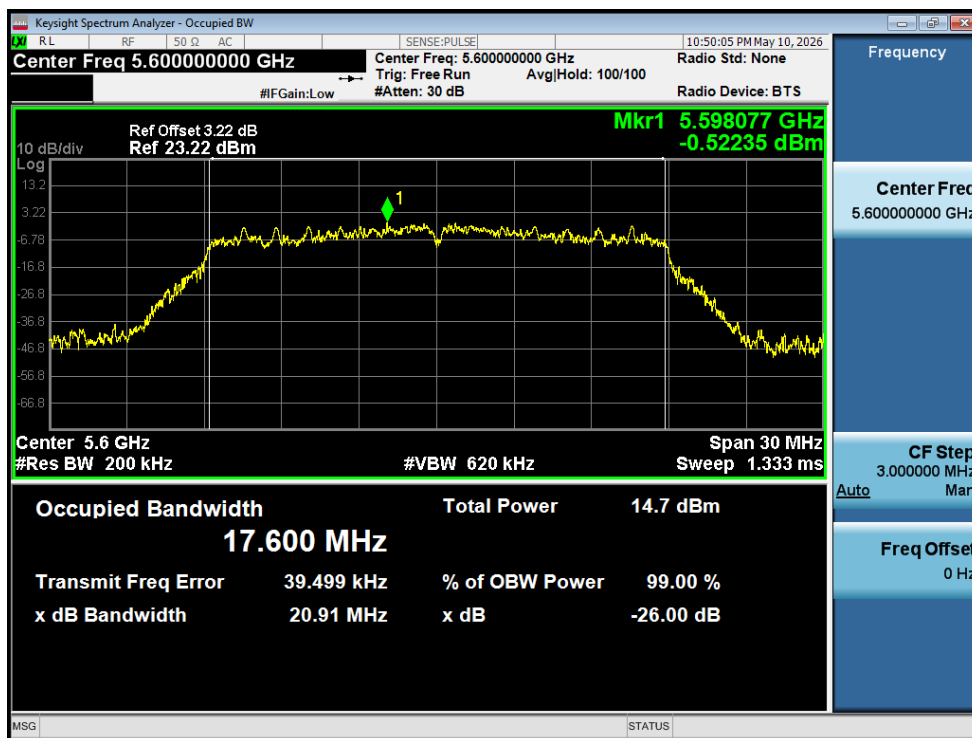
OBW NVNT n40 5590MHz Ant1



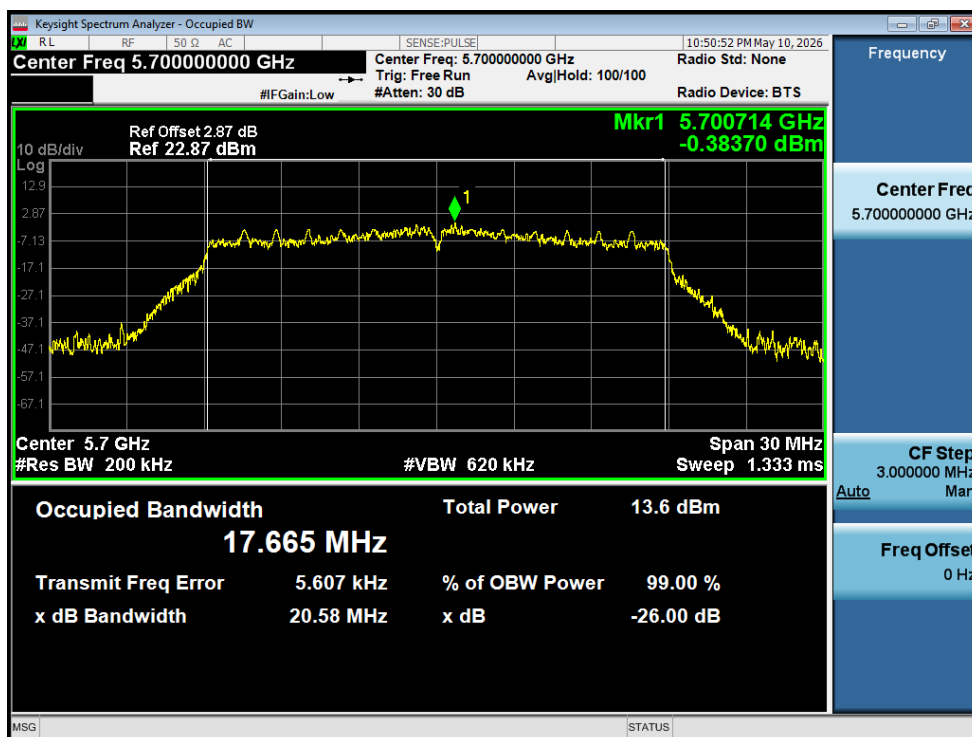
OBW NVNT n40 5670MHz Ant1



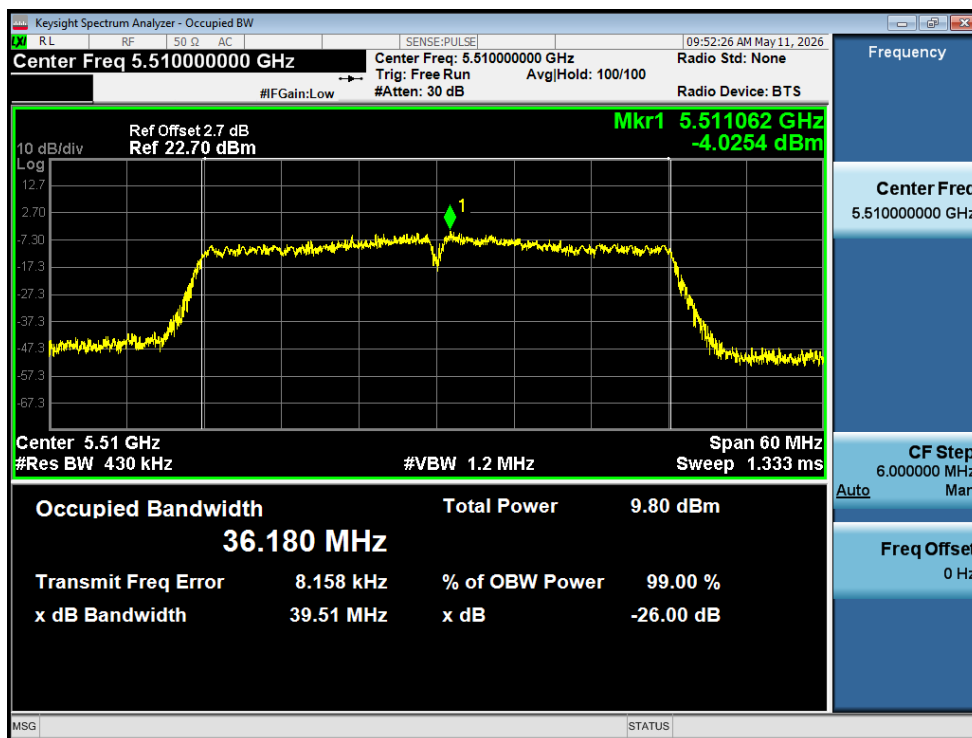
OBW NVNT ac20 5500MHz Ant1



OBW NVNT ac20 5600MHz Ant1



OBW NVNT ac20 5700MHz Ant1



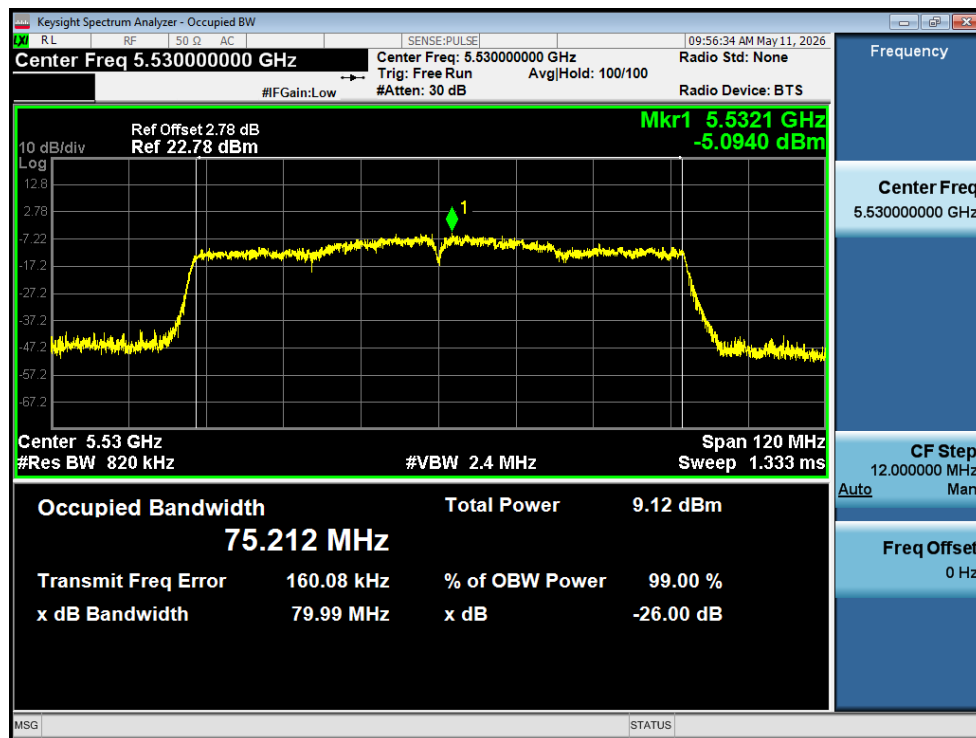
OBW NVNT ac40 5510MHz Ant1



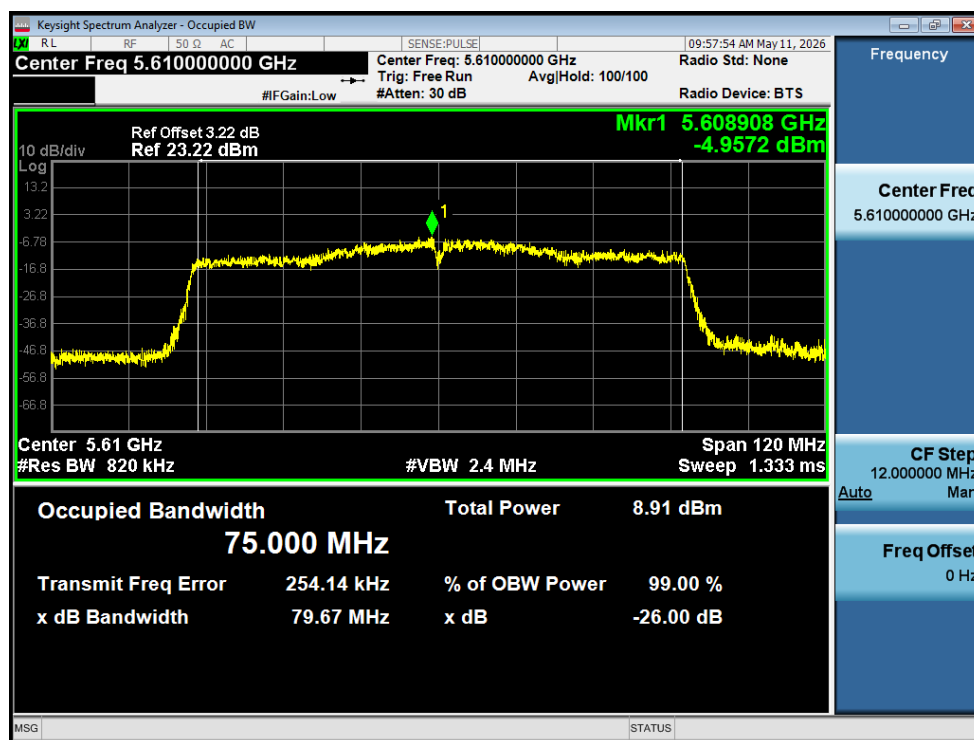
OBW NVNT ac40 5590MHz Ant1



OBW NVNT ac40 5670MHz Ant1



OBW NVNT ac80 5530MHz Ant1

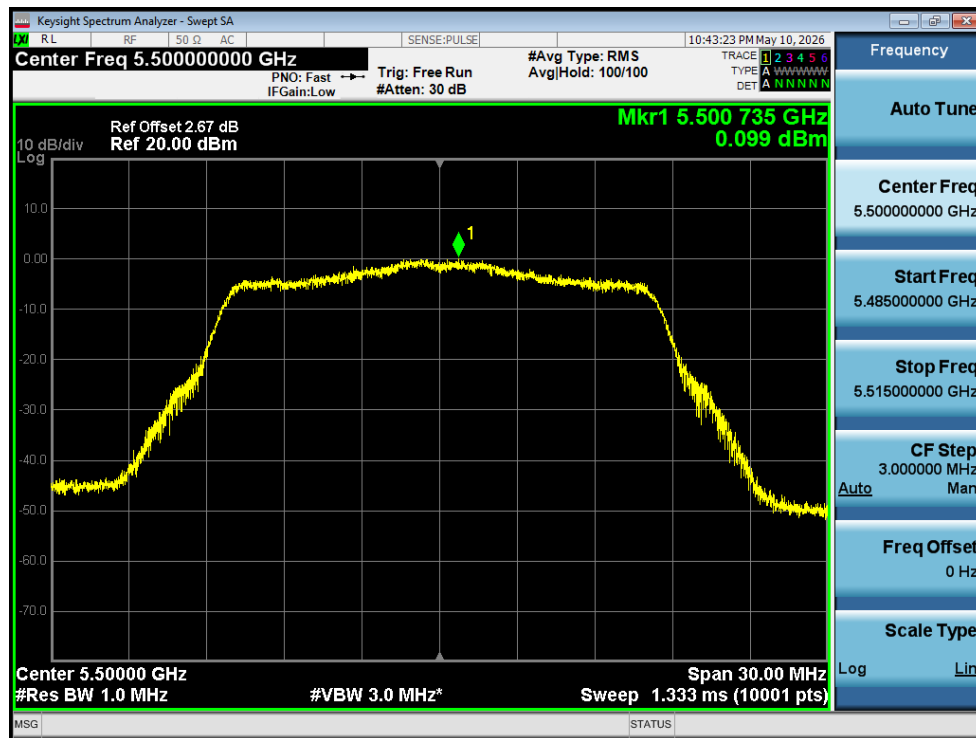


OBW NVNT ac80 5610MHz Ant1

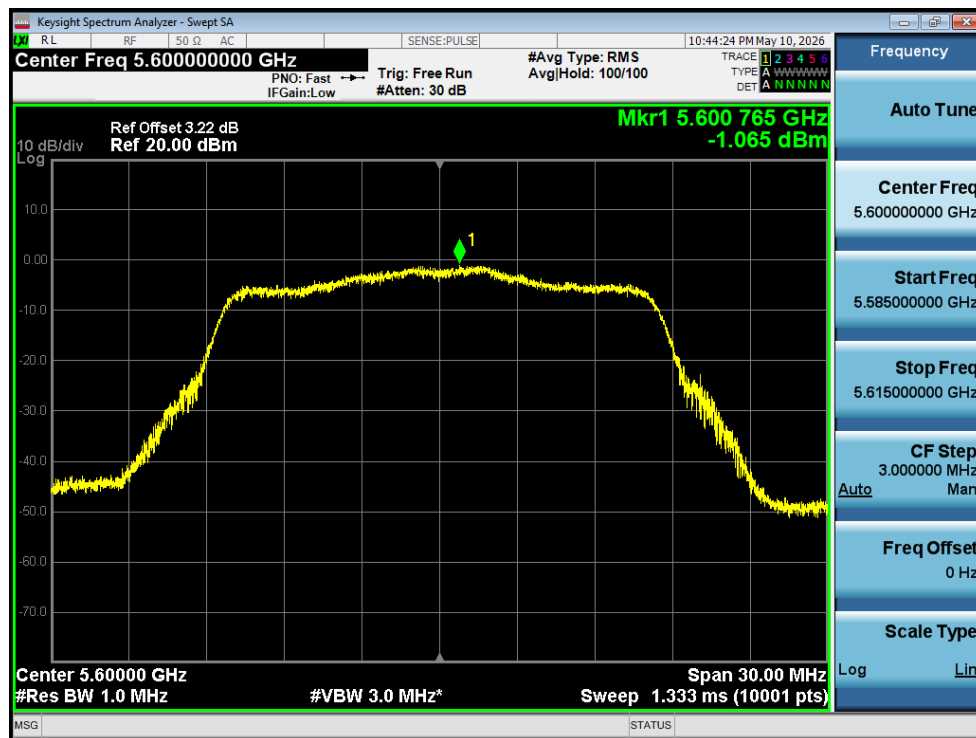
5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	0.1	0.88	0.98	11	Pass
NVNT	a	5600	Ant1	-1.07	0.9	-0.17	11	Pass
NVNT	a	5700	Ant1	-1.89	0.9	-0.99	11	Pass
NVNT	n20	5500	Ant1	-0.26	0.96	0.7	11	Pass
NVNT	n20	5600	Ant1	-1.54	0.96	-0.58	11	Pass
NVNT	n20	5700	Ant1	-2.55	0.96	-1.59	11	Pass
NVNT	n40	5510	Ant1	-3.81	1.44	-2.37	11	Pass
NVNT	n40	5590	Ant1	-8.95	1.44	-7.51	11	Pass
NVNT	n40	5670	Ant1	-9.19	1.45	-7.74	11	Pass
NVNT	ac20	5500	Ant1	-0.65	1.03	0.38	11	Pass
NVNT	ac20	5600	Ant1	-1.78	1.06	-0.72	11	Pass
NVNT	ac20	5700	Ant1	-2.47	1.06	-1.41	11	Pass
NVNT	ac40	5510	Ant1	-10.11	1.6	-8.51	11	Pass
NVNT	ac40	5590	Ant1	-10.9	1.6	-9.3	11	Pass
NVNT	ac40	5670	Ant1	-10.14	1.6	-8.54	11	Pass
NVNT	ac80	5530	Ant1	-13.97	2.08	-11.89	11	Pass
NVNT	ac80	5610	Ant1	-13.48	2.06	-11.42	11	Pass

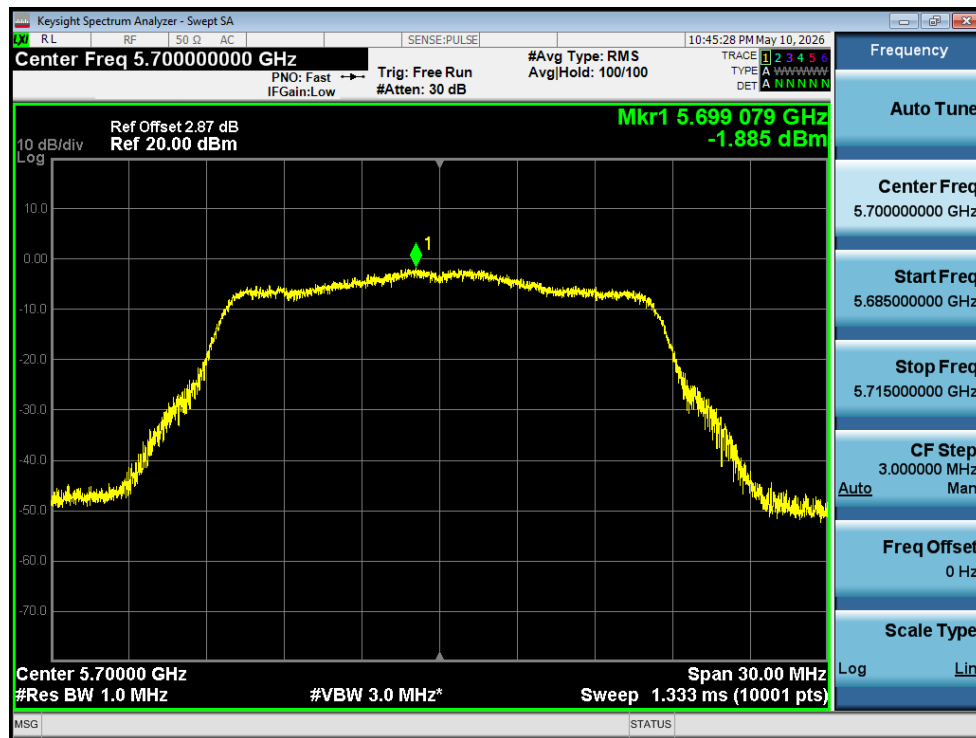
Note 1: Total PSD=Conducted PSD + Duty factor



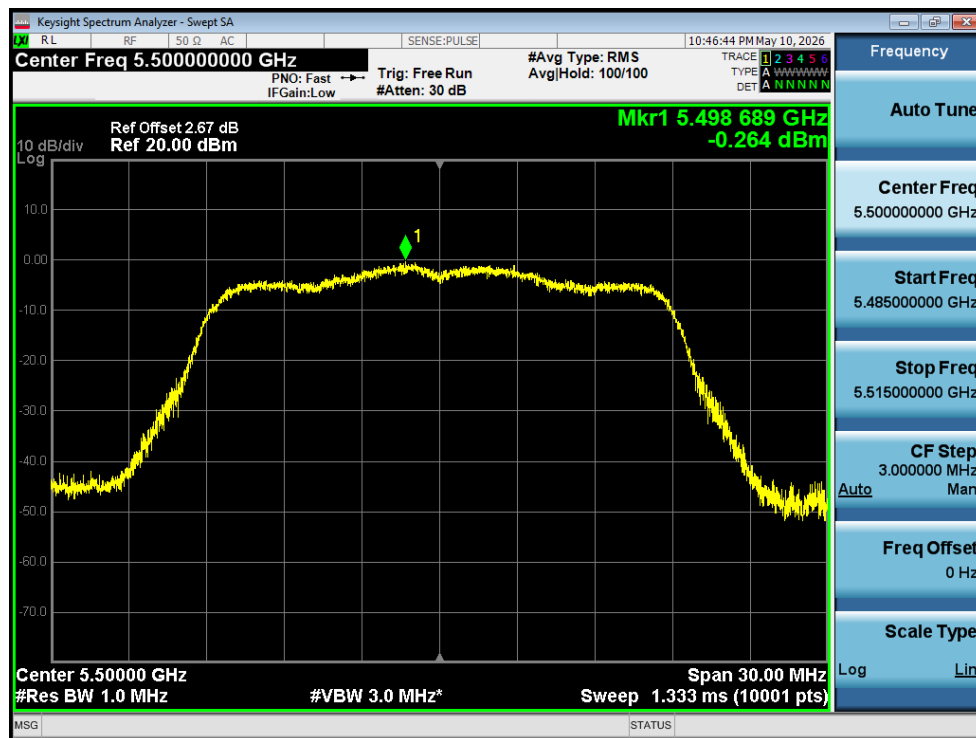
PSD NVNT a 5500MHz Ant1



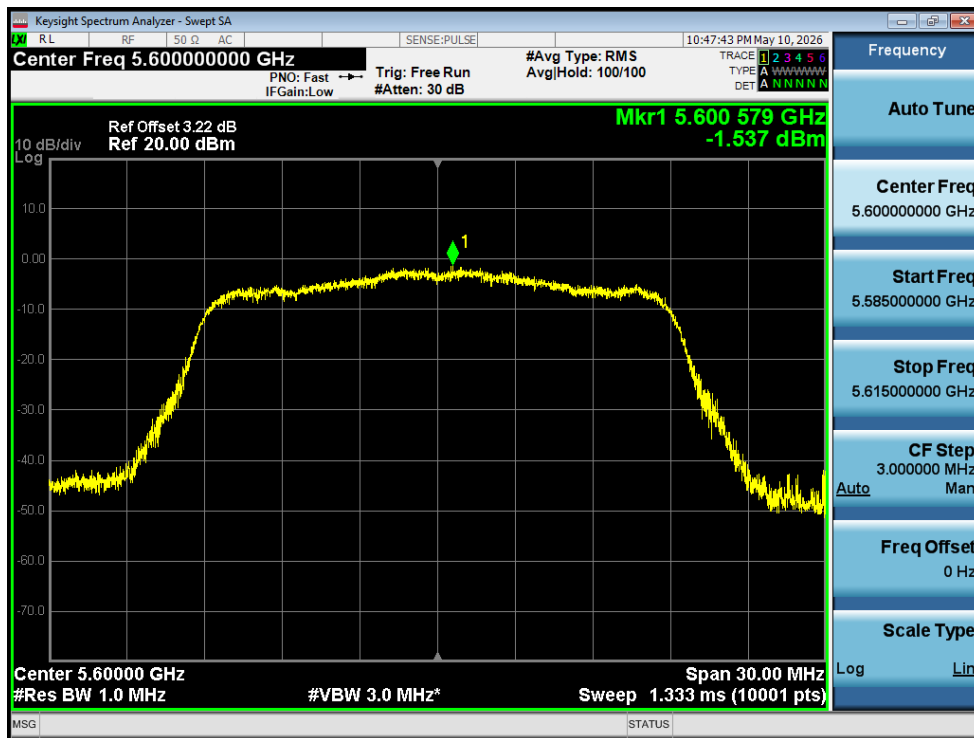
PSD NVNT a 5600MHz Ant1



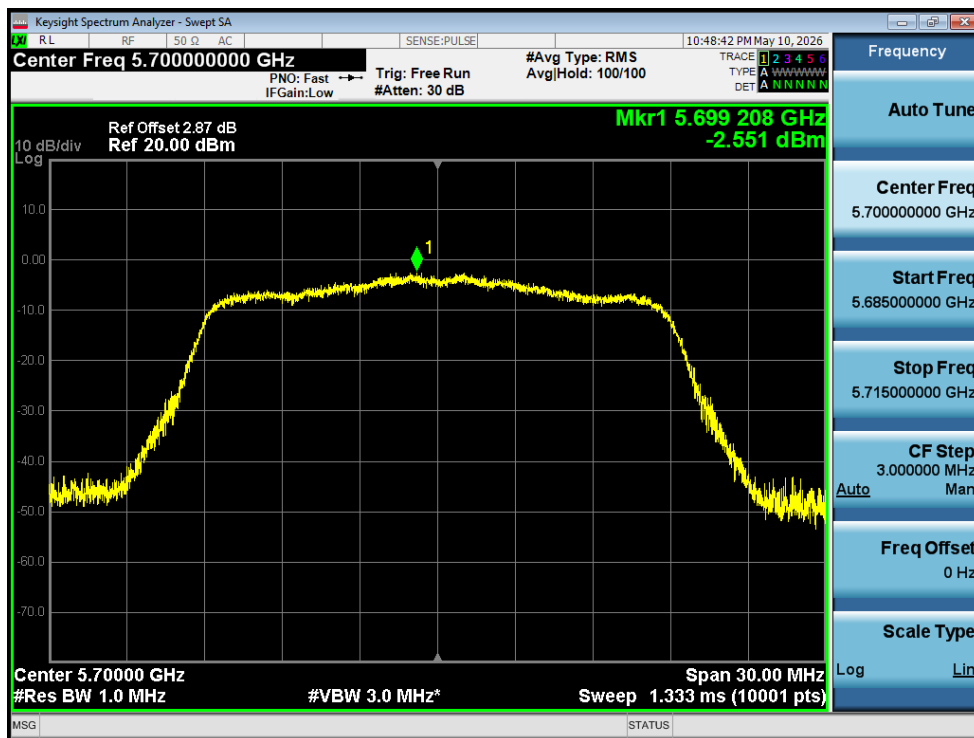
PSD NVNT a 5700MHz Ant1



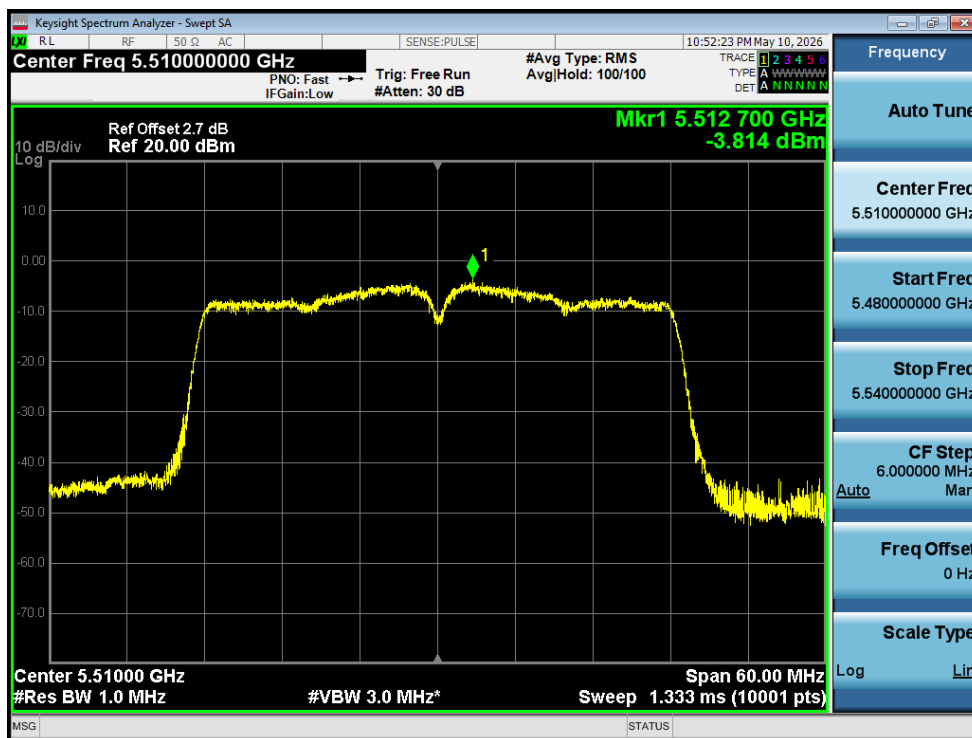
PSD NVNT n20 5500MHz Ant1



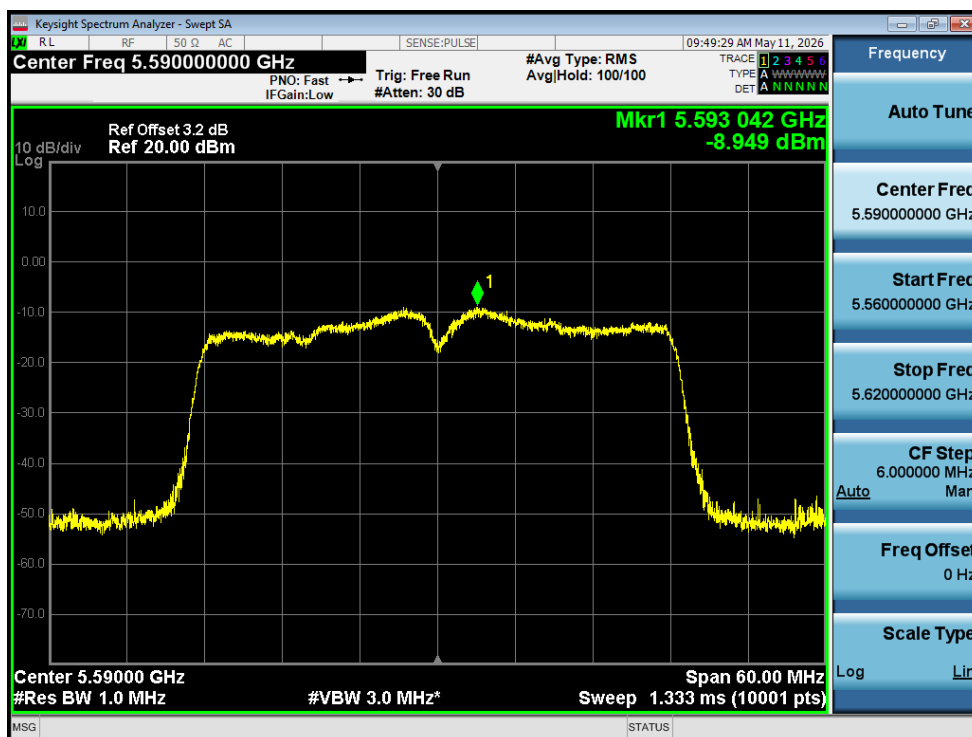
PSD NVNT n20 5600MHz Ant1



PSD NVNT n20 5700MHz Ant1



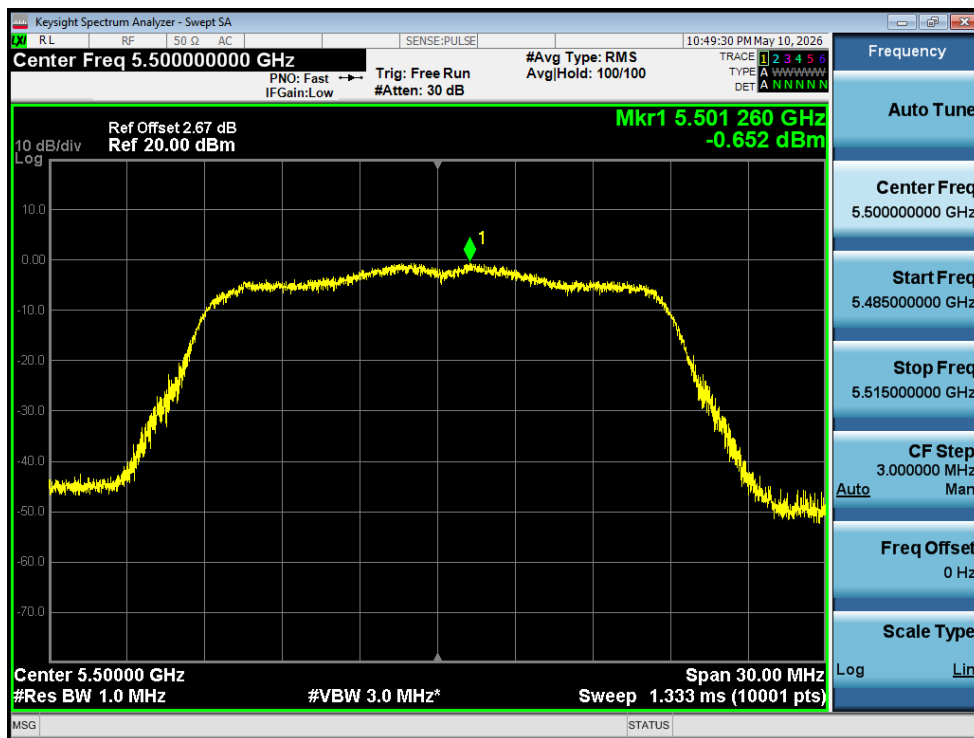
PSD NVNT n40 5510MHz Ant1



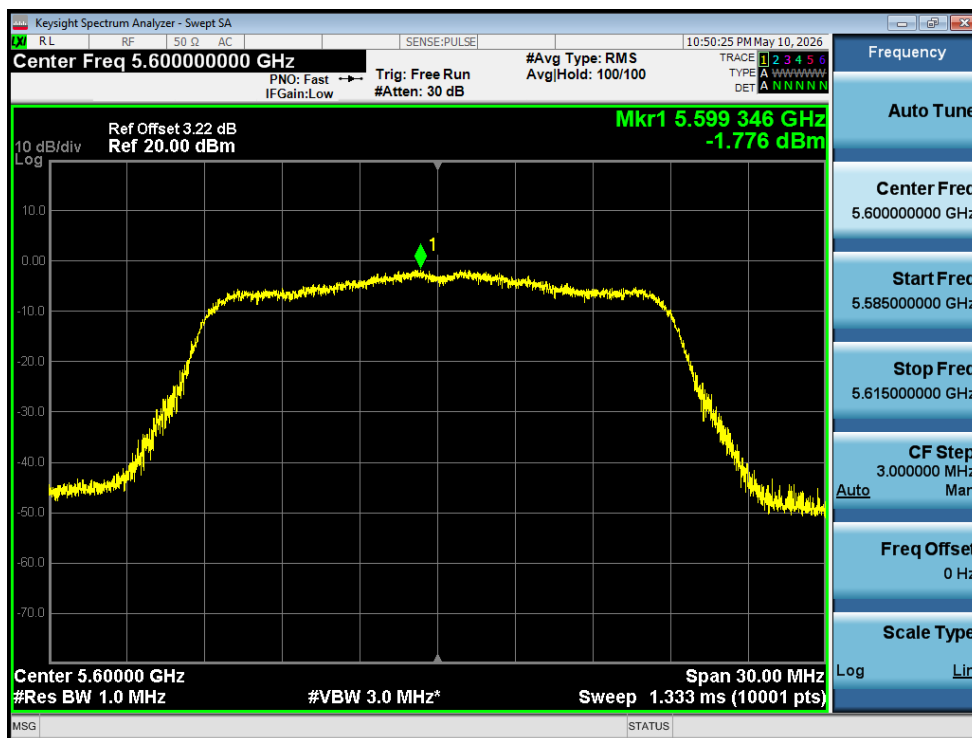
PSD NVNT n40 5590MHz Ant1



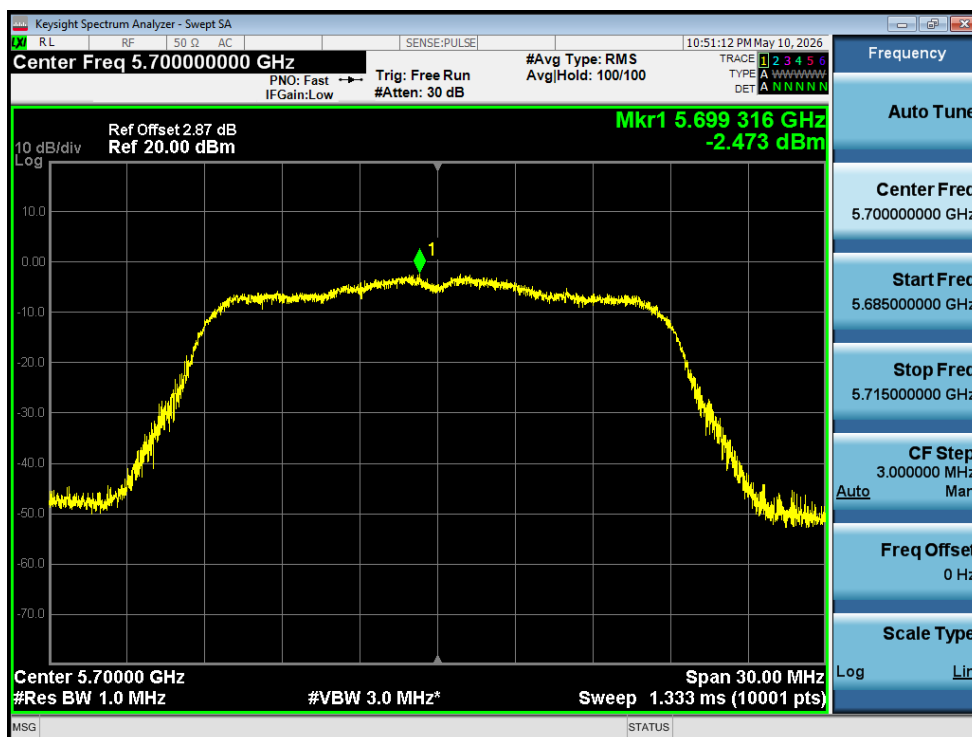
PSD NVNT n40 5670MHz Ant1



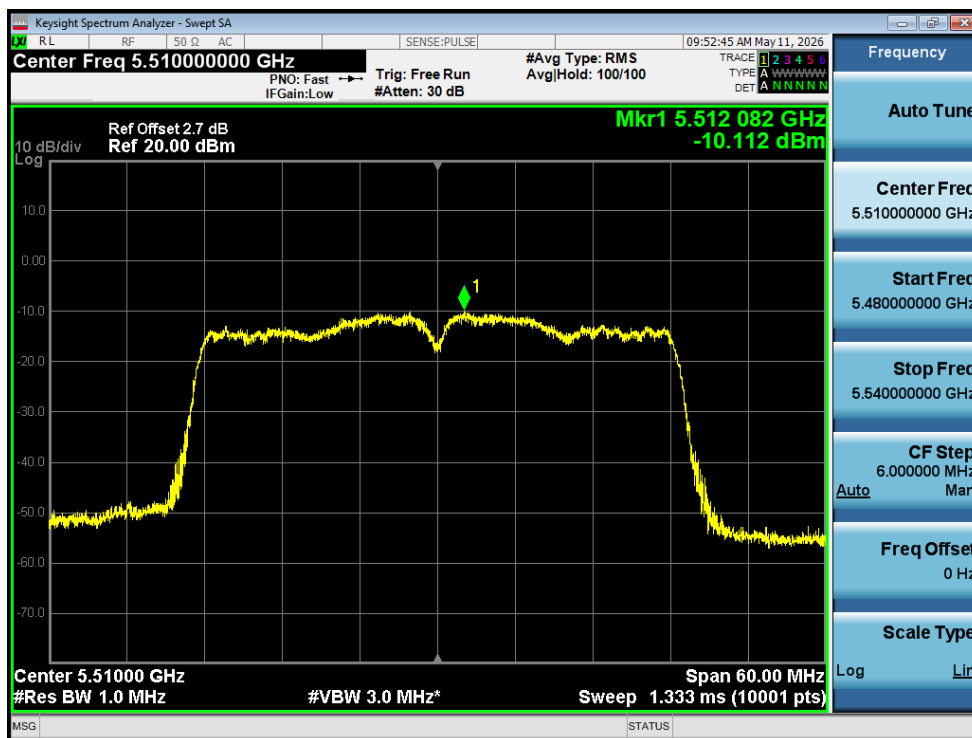
PSD NVNT ac20 5500MHz Ant1



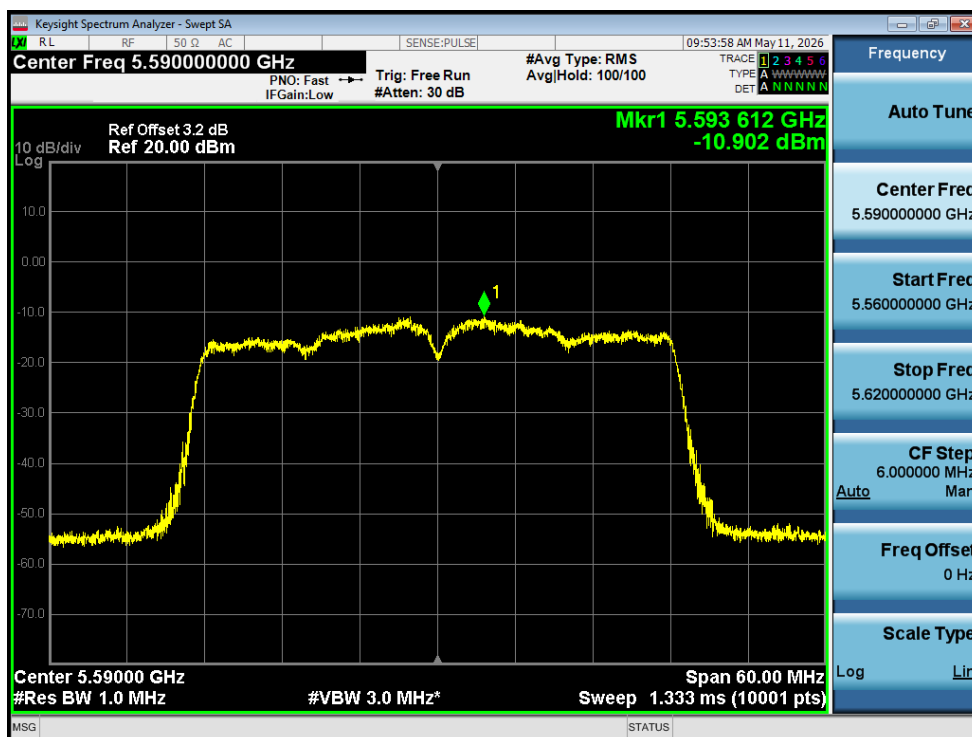
PSD NVNT ac20 5600MHz Ant1



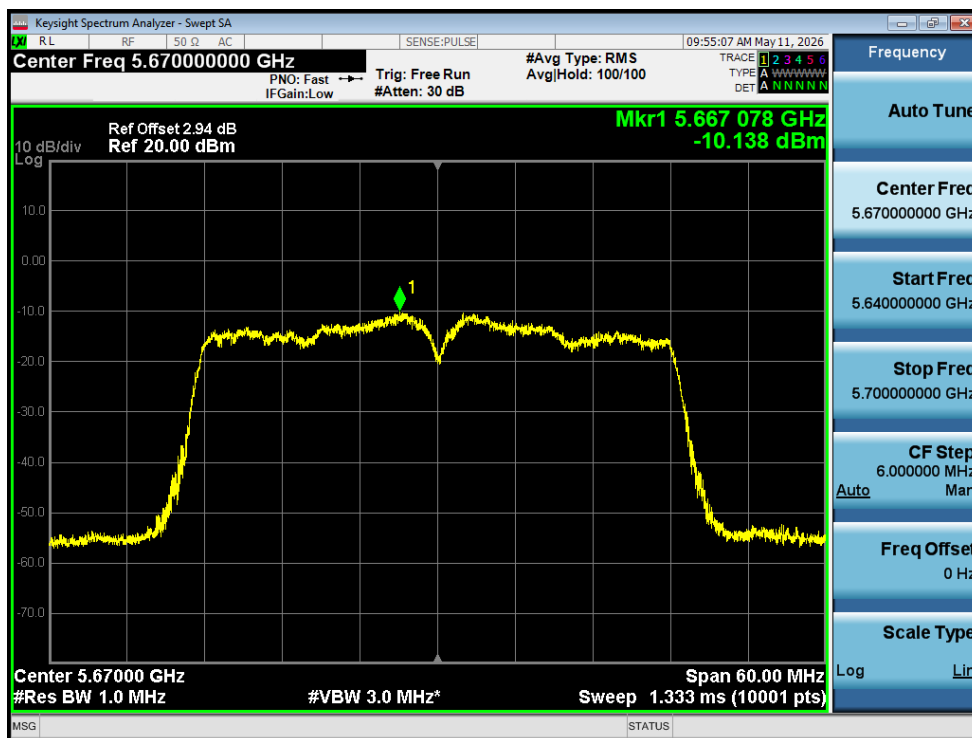
PSD NVNT ac20 5700MHz Ant1



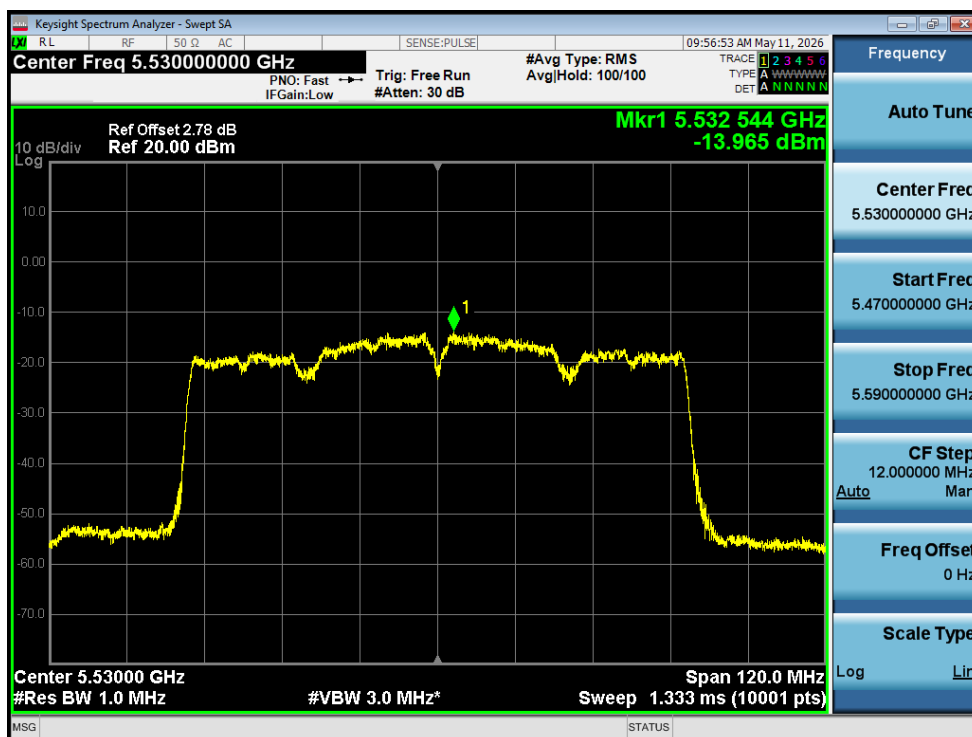
PSD NVNT ac40 5510MHz Ant1



PSD NVNT ac40 5590MHz Ant1



PSD NVNT ac40 5670MHz Ant1



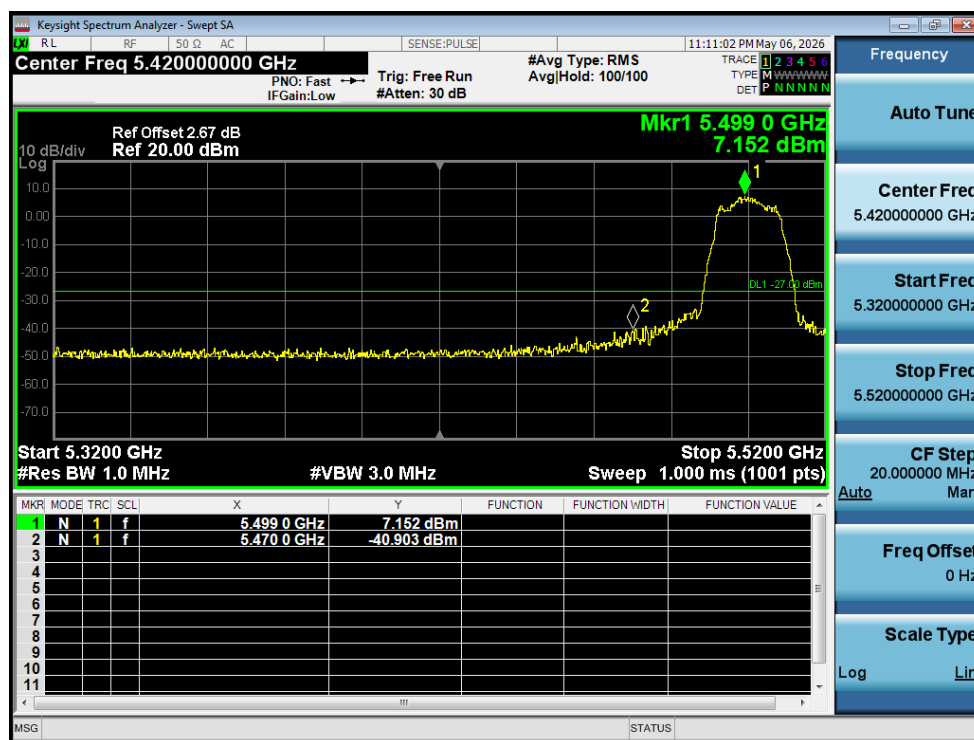
PSD NVNT ac80 5530MHz Ant1



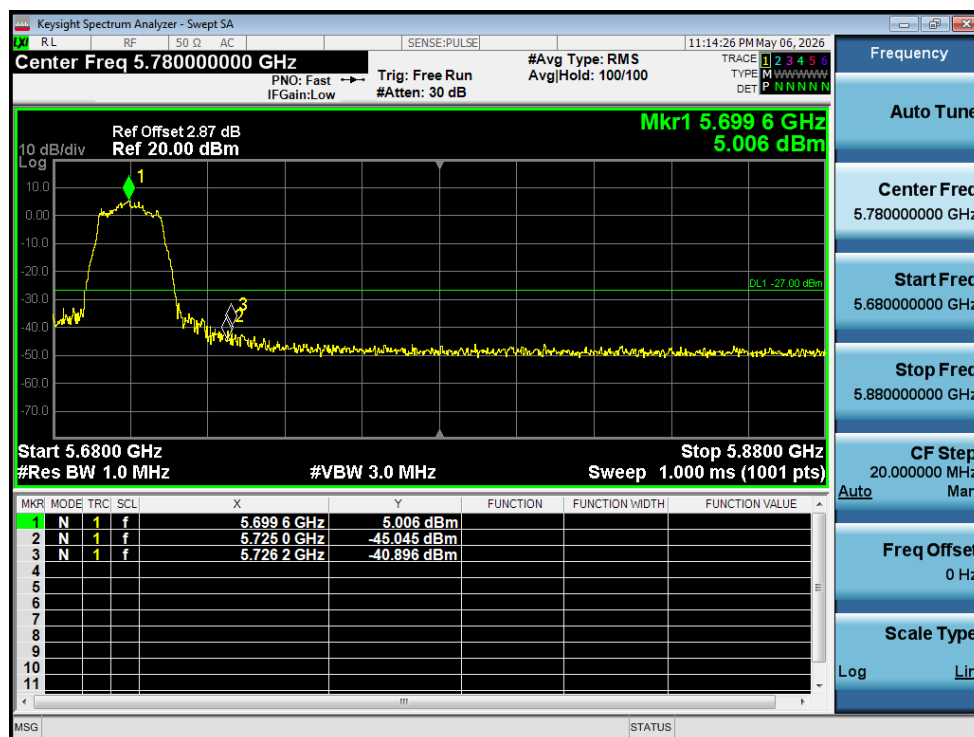
PSD NVNT ac80 5610MHz Ant1

6. Band Edge

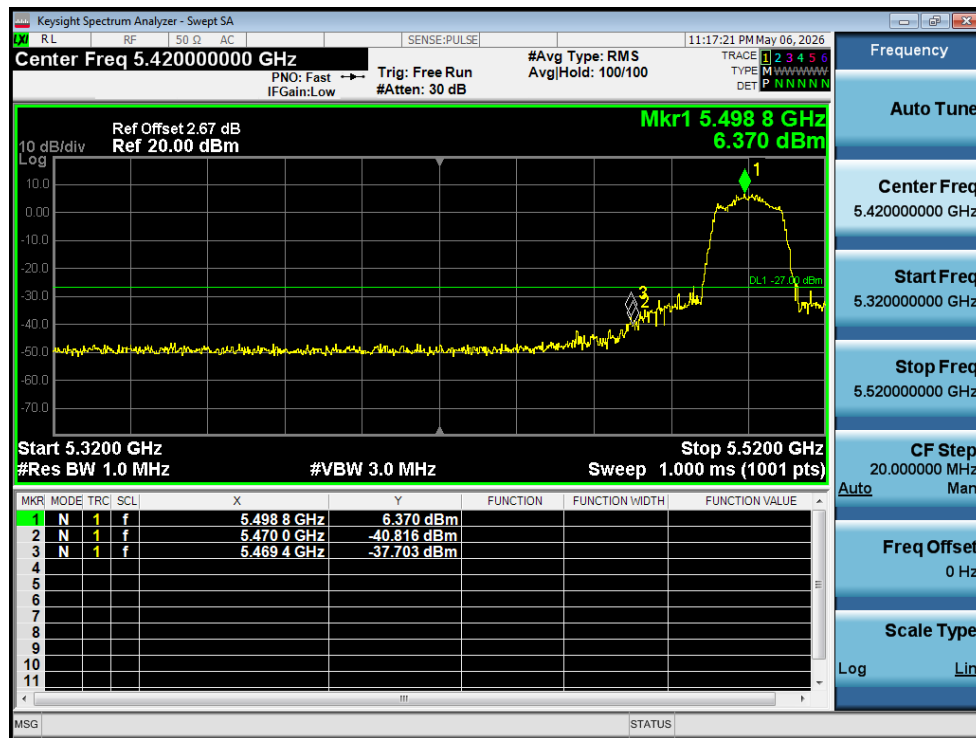
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-40.9	-27	Pass
NVNT	a	5700	Ant1	-40.89	-27	Pass
NVNT	n20	5500	Ant1	-37.7	-27	Pass
NVNT	n20	5700	Ant1	-41.96	-27	Pass
NVNT	n40	5510	Ant1	-34.26	-27	Pass
NVNT	n40	5670	Ant1	-44.67	-27	Pass
NVNT	ac20	5500	Ant1	-39.43	-27	Pass
NVNT	ac20	5700	Ant1	-40.62	-27	Pass
NVNT	ac40	5510	Ant1	-40.02	-27	Pass
NVNT	ac40	5670	Ant1	-43.94	-27	Pass
NVNT	ac80	5530	Ant1	-38.53	-27	Pass
NVNT	ac80	5610	Ant1	-46.98	-27	Pass



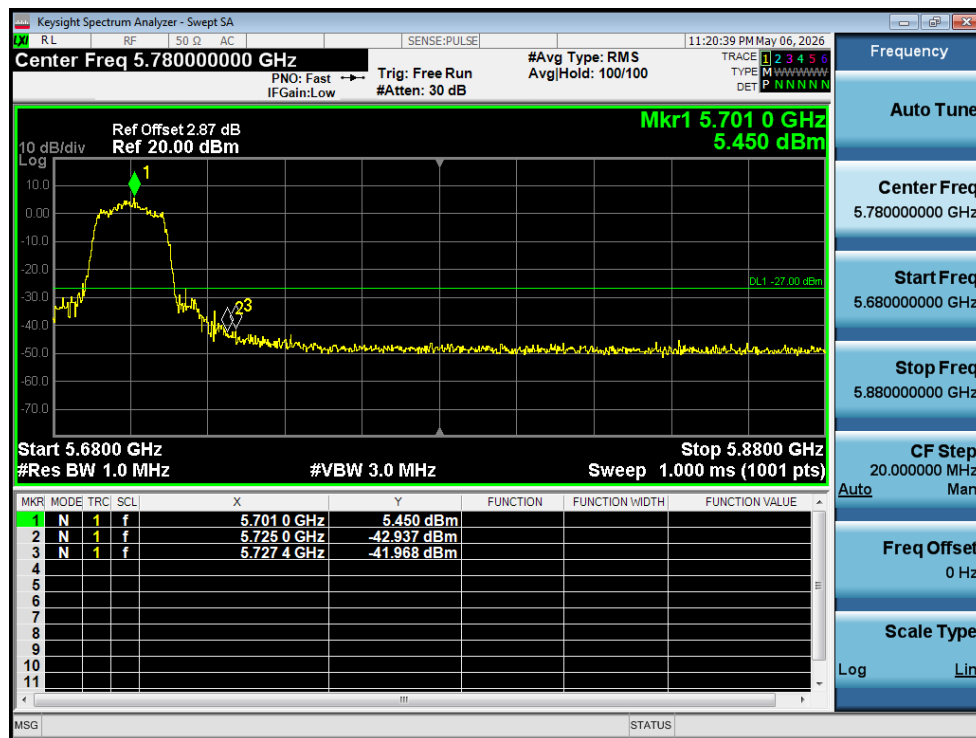
Band Edge NVNT a 5500MHz Low Ant1



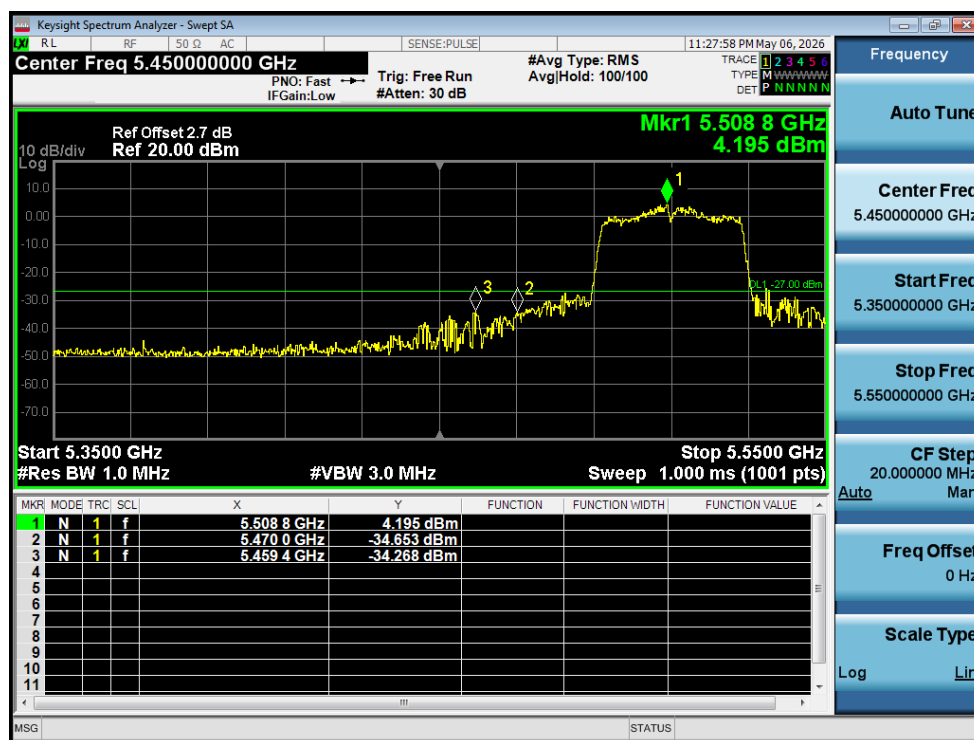
Band Edge NVNT a 5700MHz High Ant1



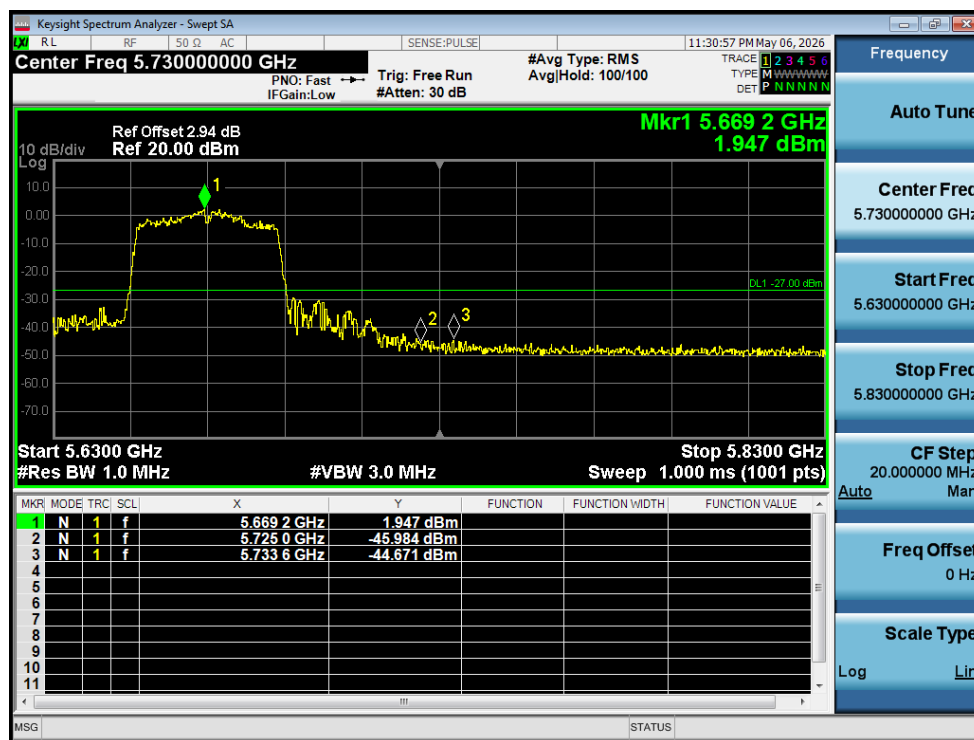
Band Edge NVNT n20 5500MHz Low Ant1



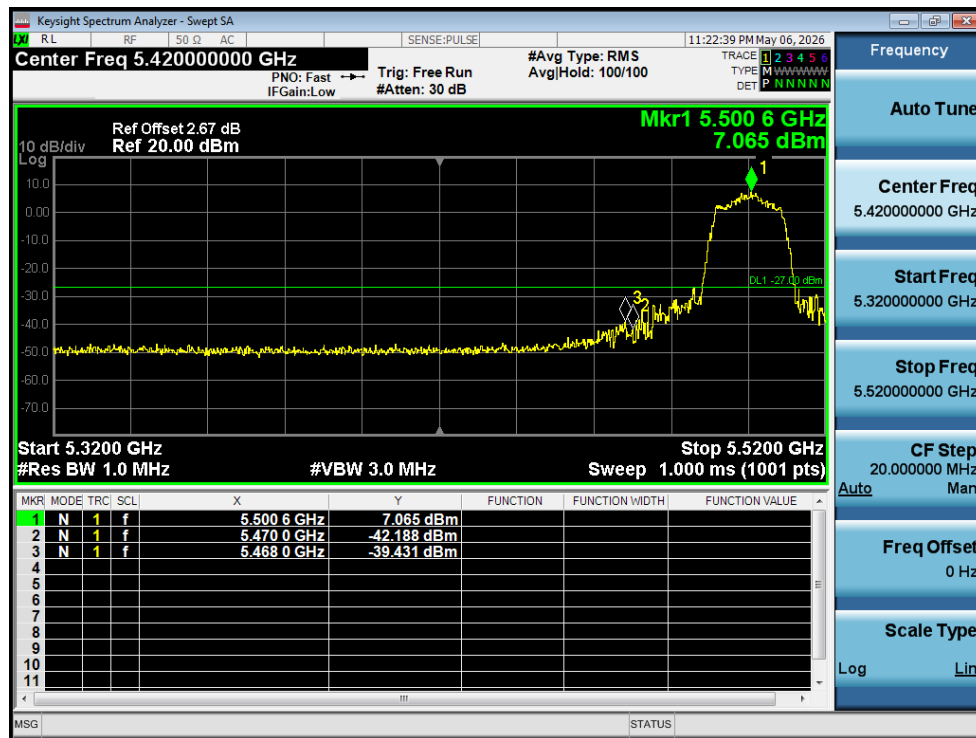
Band Edge NVNT n20 5700MHz High Ant1



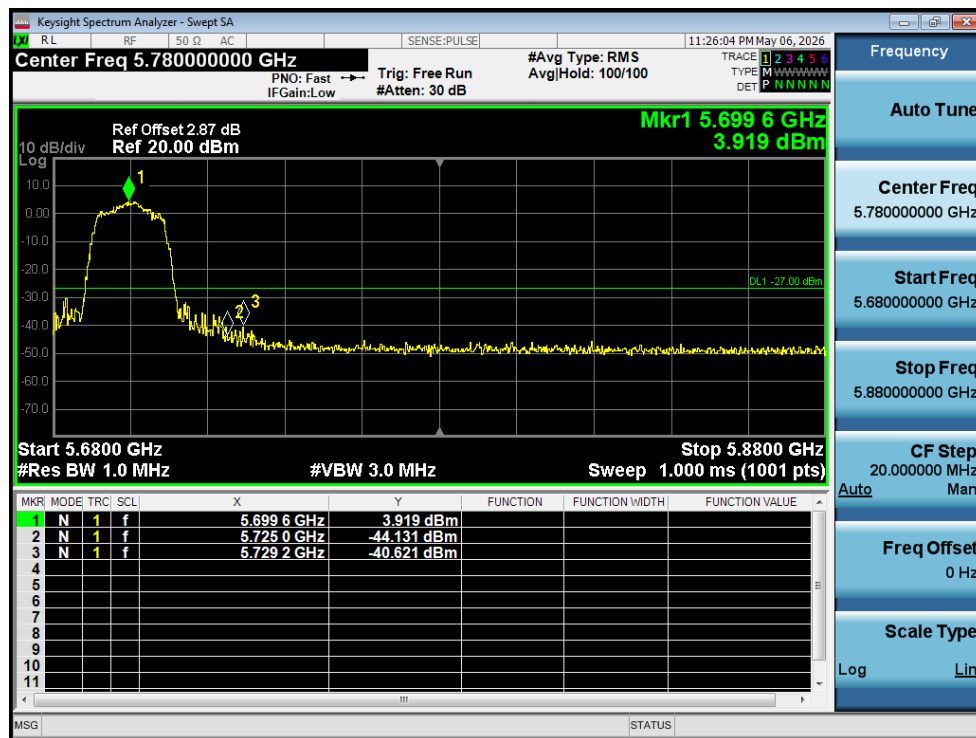
Band Edge NVNT n40 5510MHz Low Ant1



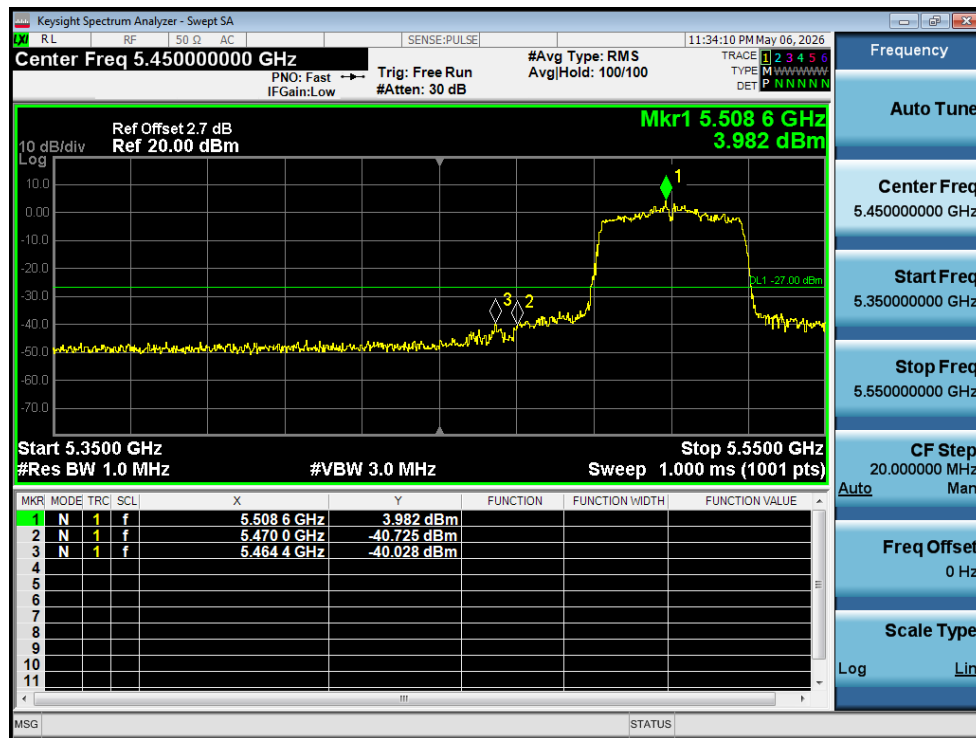
Band Edge NVNT n40 5670MHz High Ant1



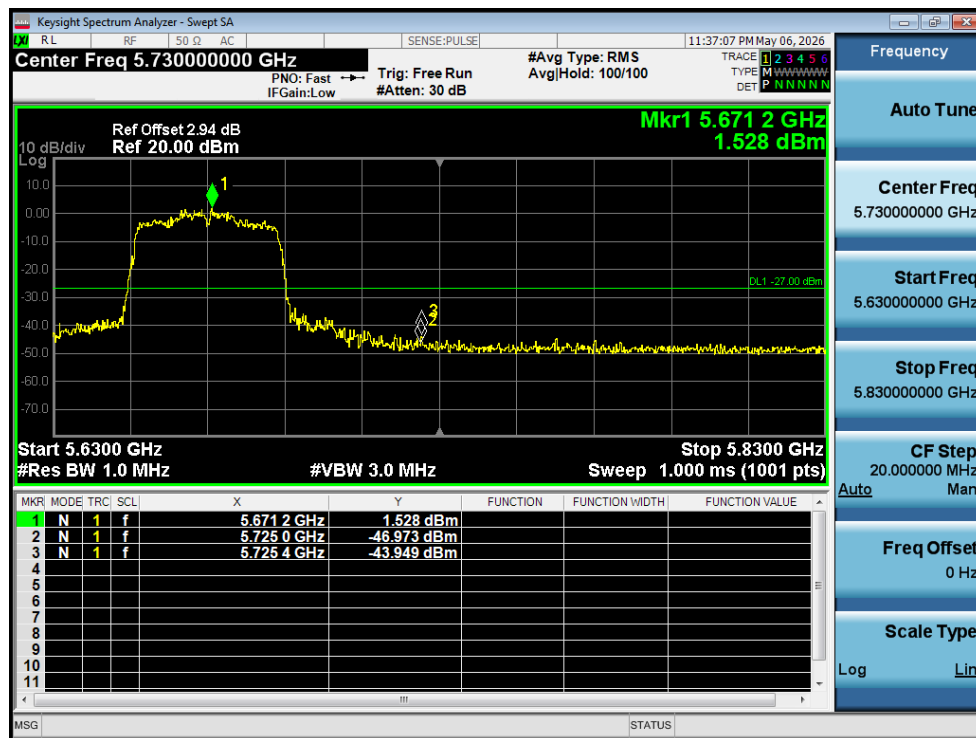
Band Edge NVNT ac20 5500MHz Low Ant1



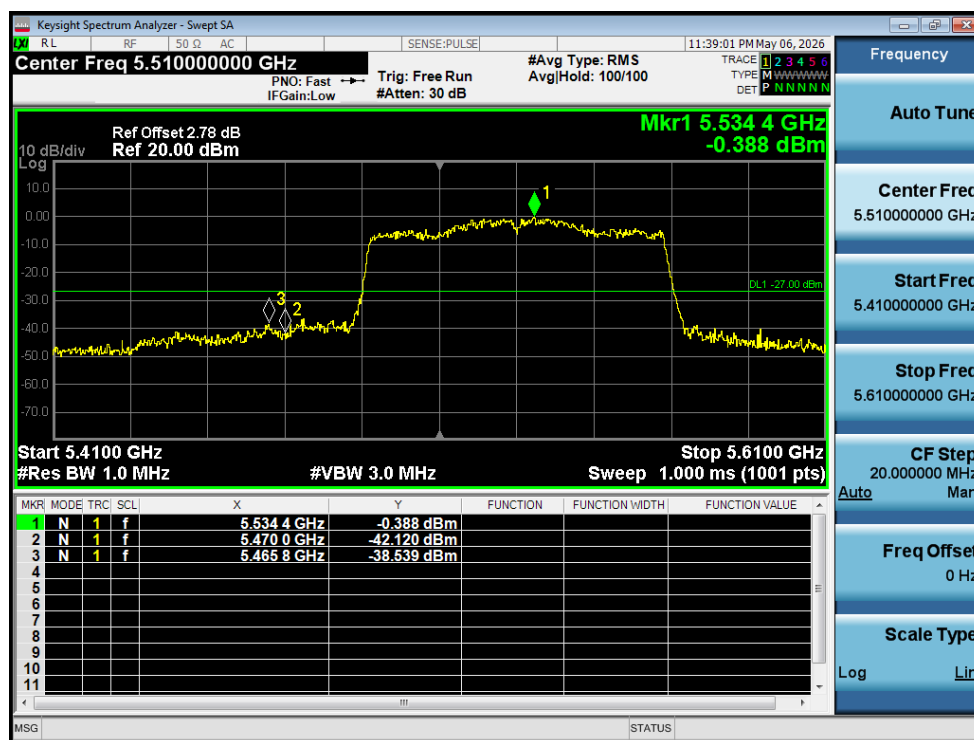
Band Edge NVNT ac20 5700MHz High Ant1



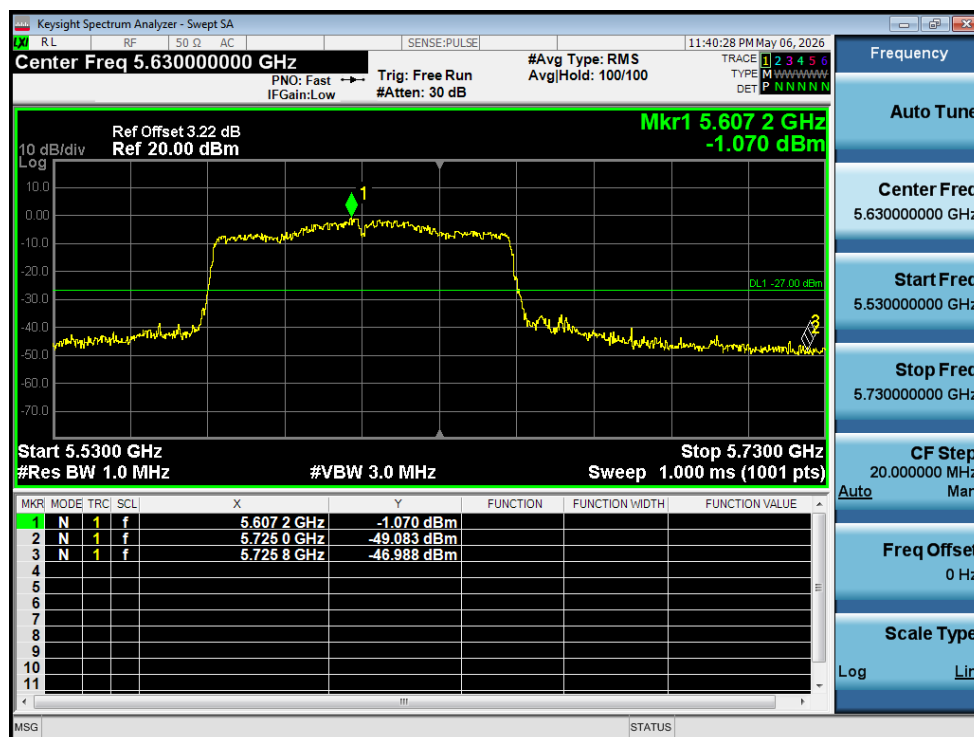
Band Edge NVNT ac40 5510MHz Low Ant1



Band Edge NVNT ac40 5670MHz High Ant1



Band Edge NVNT ac80 5530MHz Low Ant1

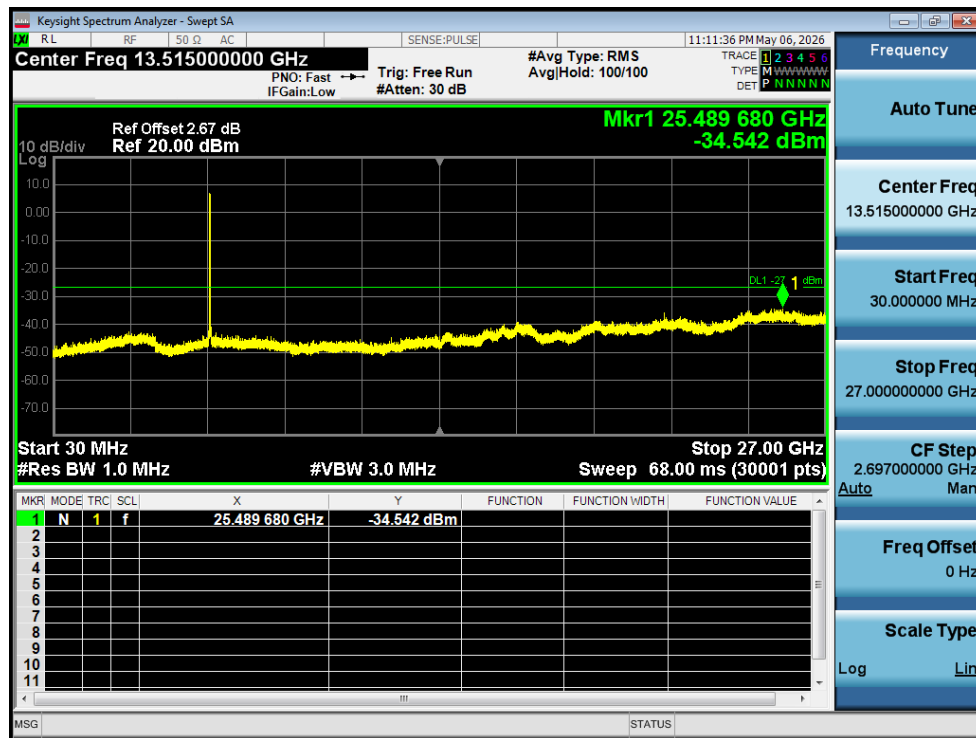


Band Edge NVNT ac80 5610MHz High Ant1

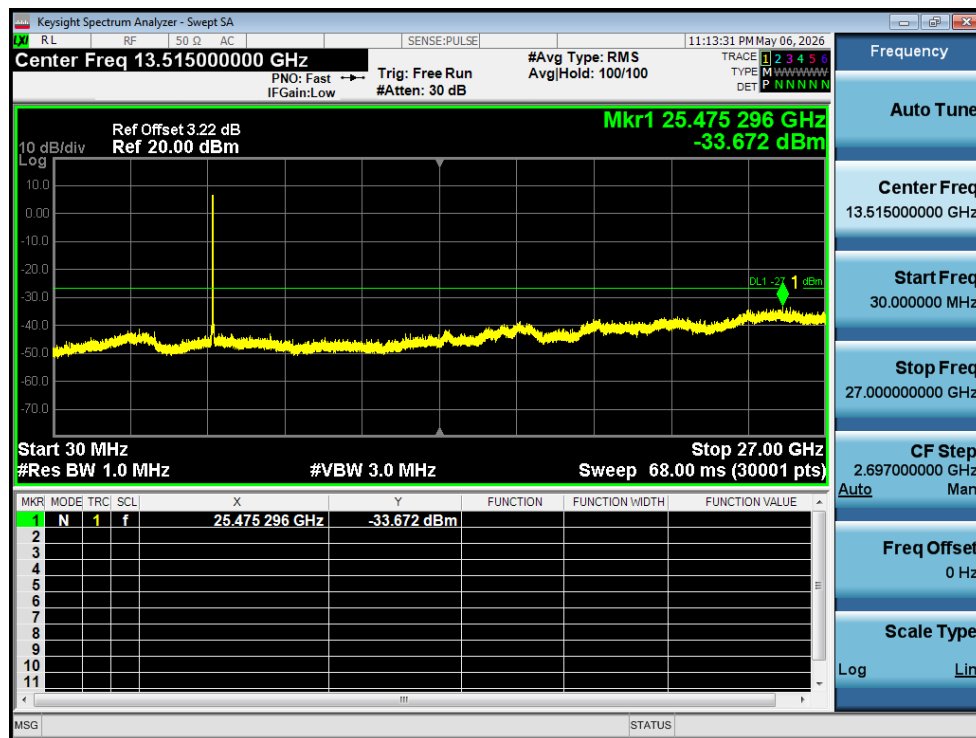
7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-34.54	-27	Pass
NVNT	a	5600	Ant1	-33.67	-27	Pass
NVNT	a	5700	Ant1	-34.31	-27	Pass
NVNT	n20	5500	Ant1	-33.98	-27	Pass
NVNT	n20	5600	Ant1	-33.77	-27	Pass
NVNT	n20	5700	Ant1	-34.13	-27	Pass
NVNT	n40	5510	Ant1	-33.6	-27	Pass
NVNT	n40	5590	Ant1	-33.63	-27	Pass
NVNT	n40	5670	Ant1	-33.38	-27	Pass
NVNT	ac20	5500	Ant1	-34.55	-27	Pass
NVNT	ac20	5600	Ant1	-34.31	-27	Pass
NVNT	ac20	5700	Ant1	-33.38	-27	Pass
NVNT	ac40	5510	Ant1	-34.37	-27	Pass
NVNT	ac40	5590	Ant1	-33.81	-27	Pass
NVNT	ac40	5670	Ant1	-33.81	-27	Pass
NVNT	ac80	5530	Ant1	-33.96	-27	Pass
NVNT	ac80	5610	Ant1	-34.08	-27	Pass

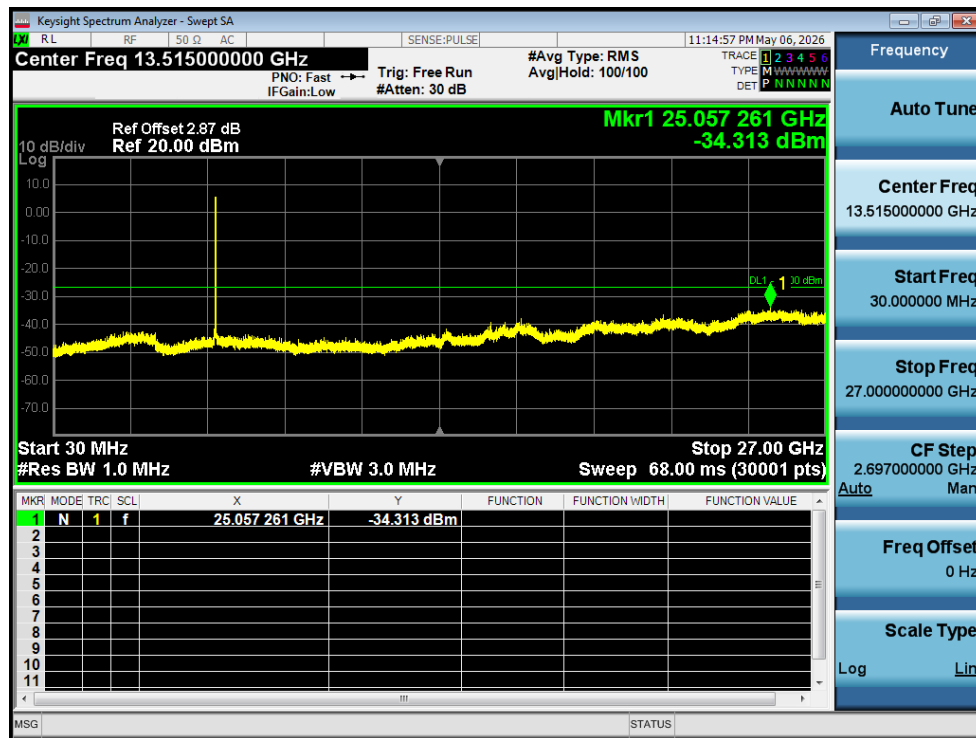
Note: Testing is carried out with frequency rang 30MHz to the 40GHz, above 27GHz not recorded for no spurious point have a margin of less than 20dB with respect to the limits.



Tx. Spurious NVNT a 5500MHz Ant1 Emission



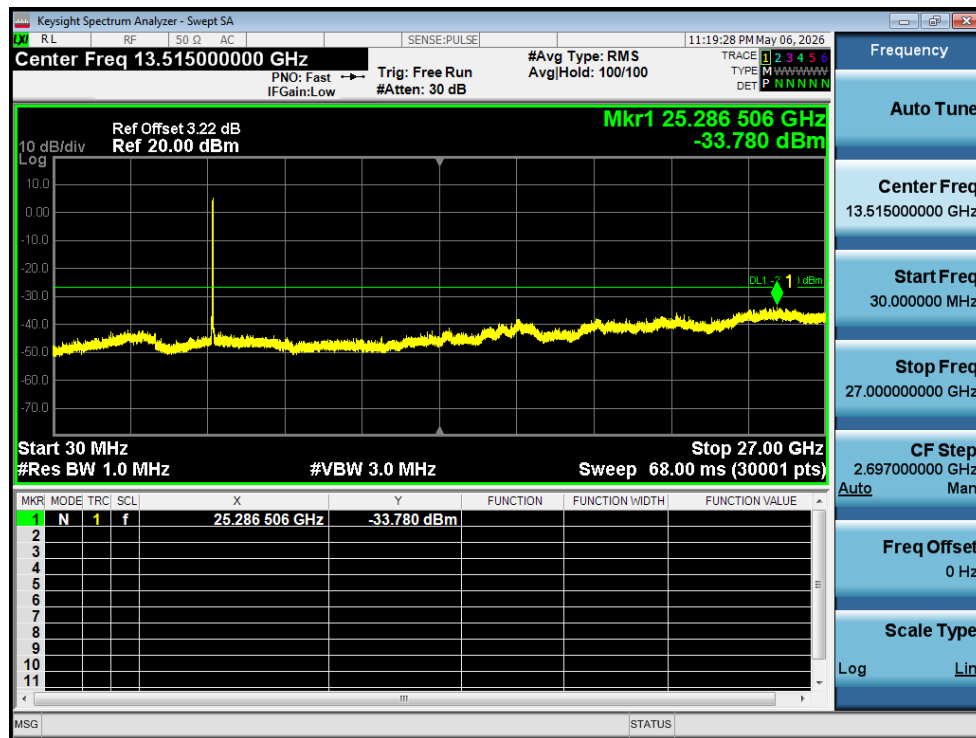
Tx. Spurious NVNT a 5600MHz Ant1 Emission



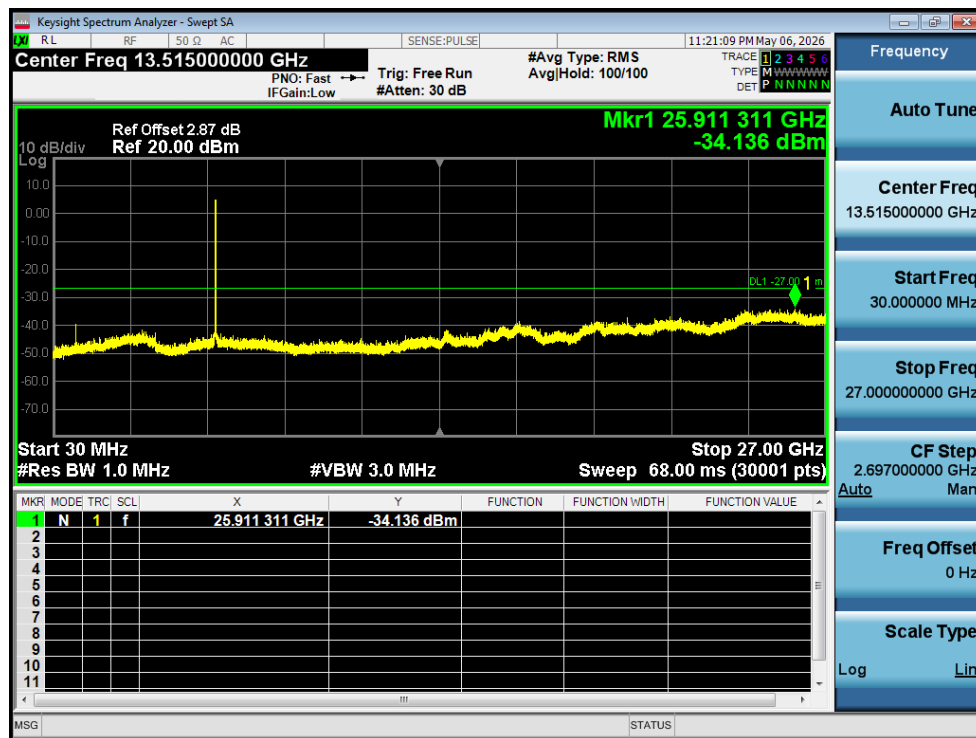
Tx. Spurious NVNT a 5700MHz Ant1 Emission



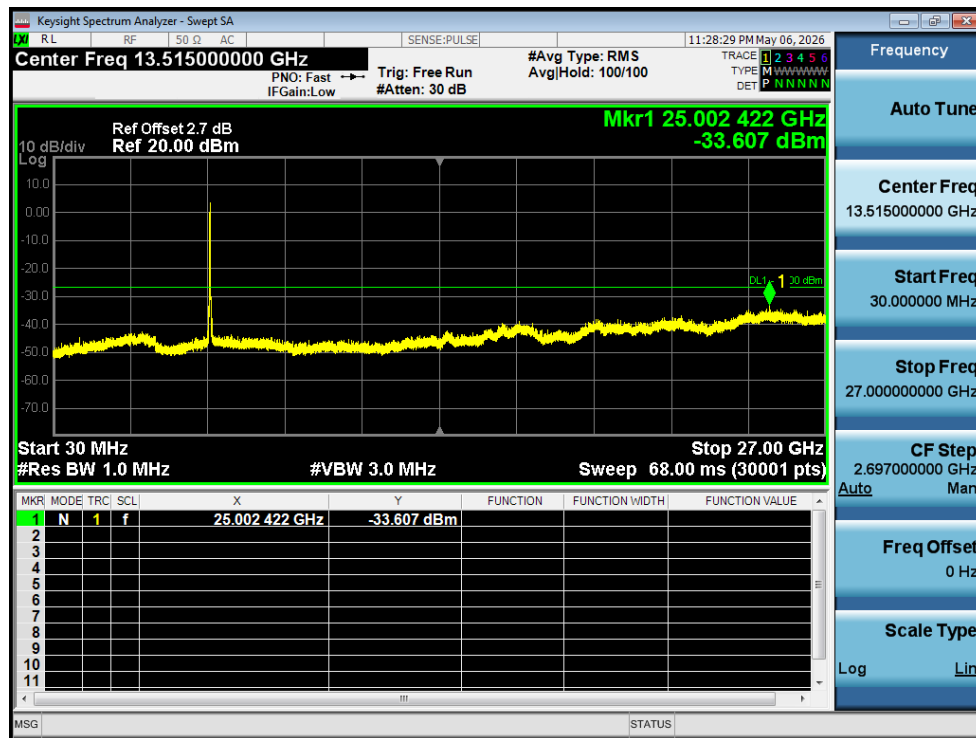
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



Tx. Spurious NVNT n20 5600MHz Ant1 Emission



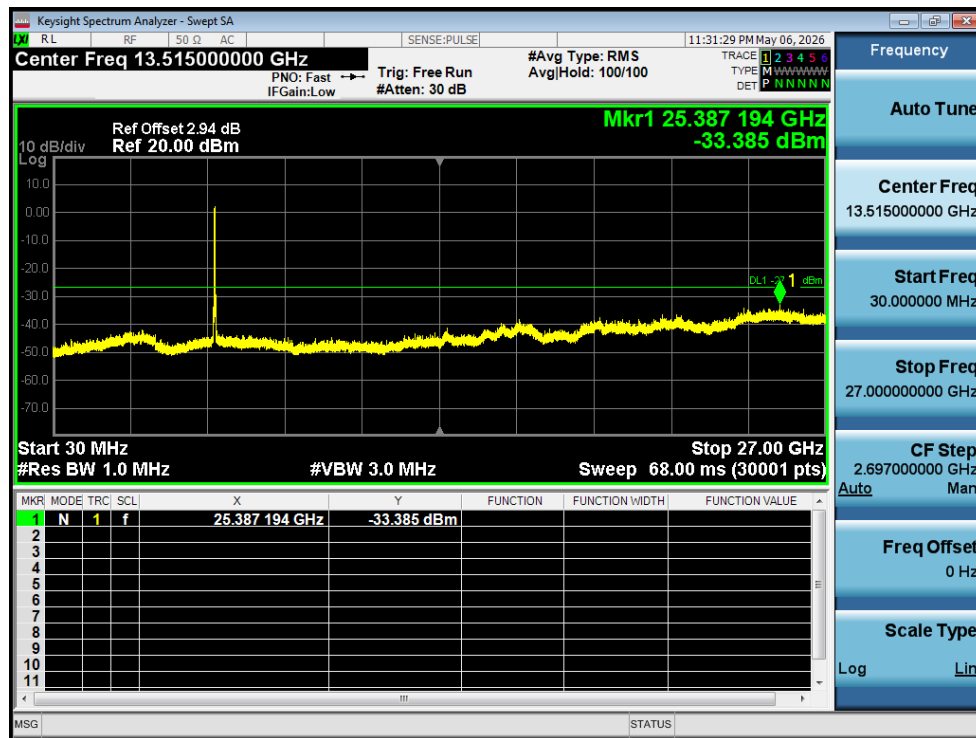
Tx. Spurious NVNT n20 5700MHz Ant1 Emission



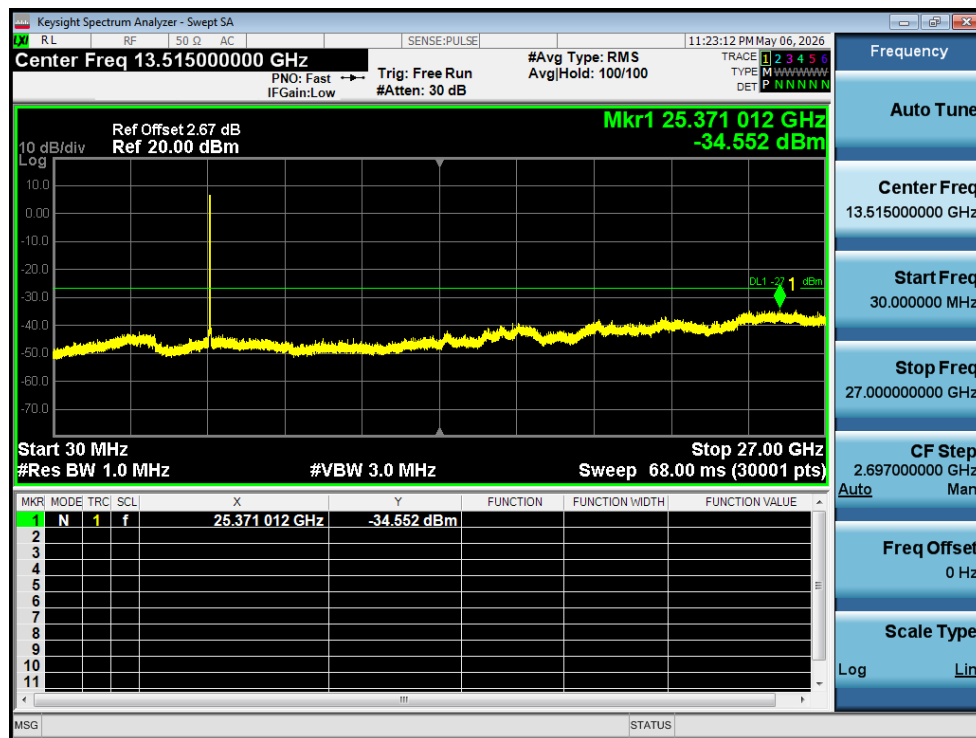
Tx. Spurious NVNT n40 5510MHz Ant1 Emission



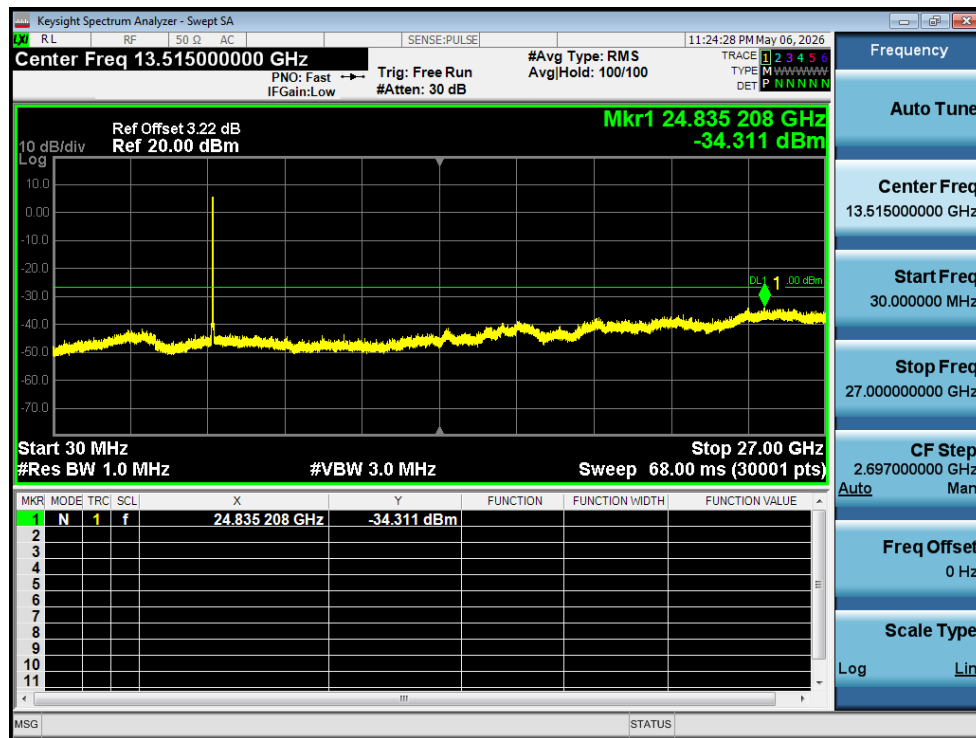
Tx. Spurious NVNT n40 5590MHz Ant1 Emission



Tx. Spurious NVNT n40 5670MHz Ant1 Emission



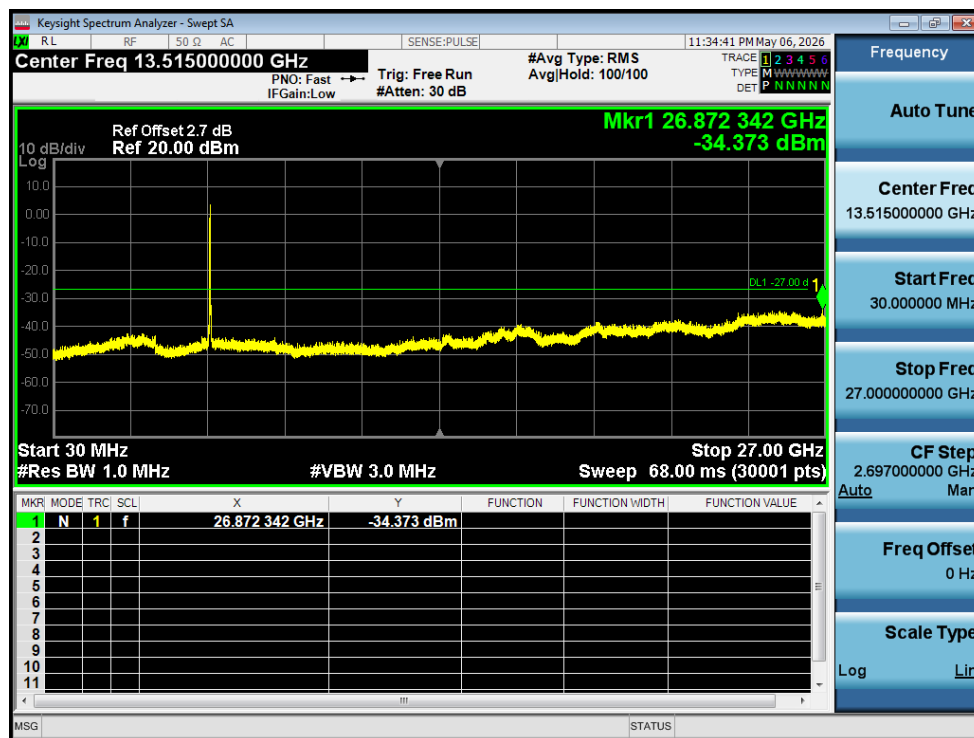
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



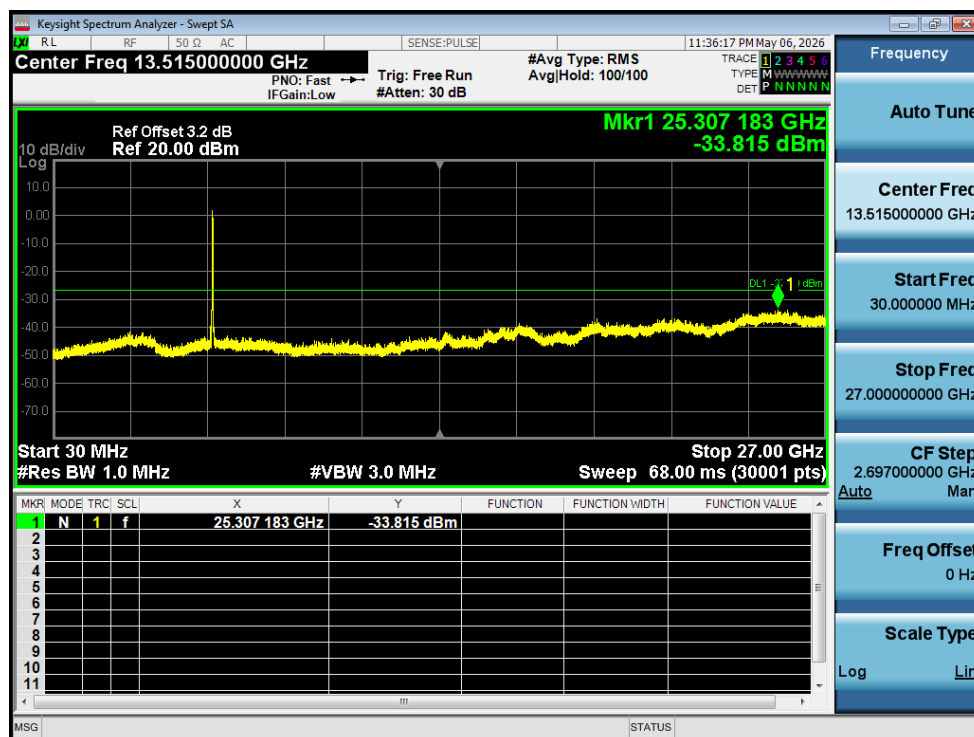
Tx. Spurious NVNT ac20 5600MHz Ant1 Emission



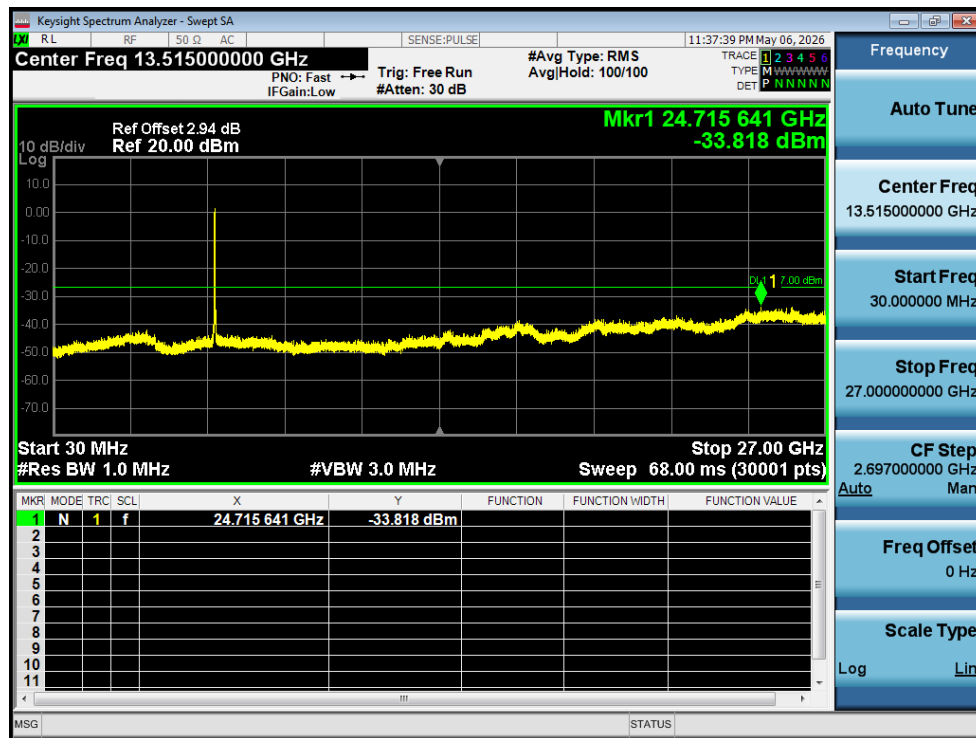
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



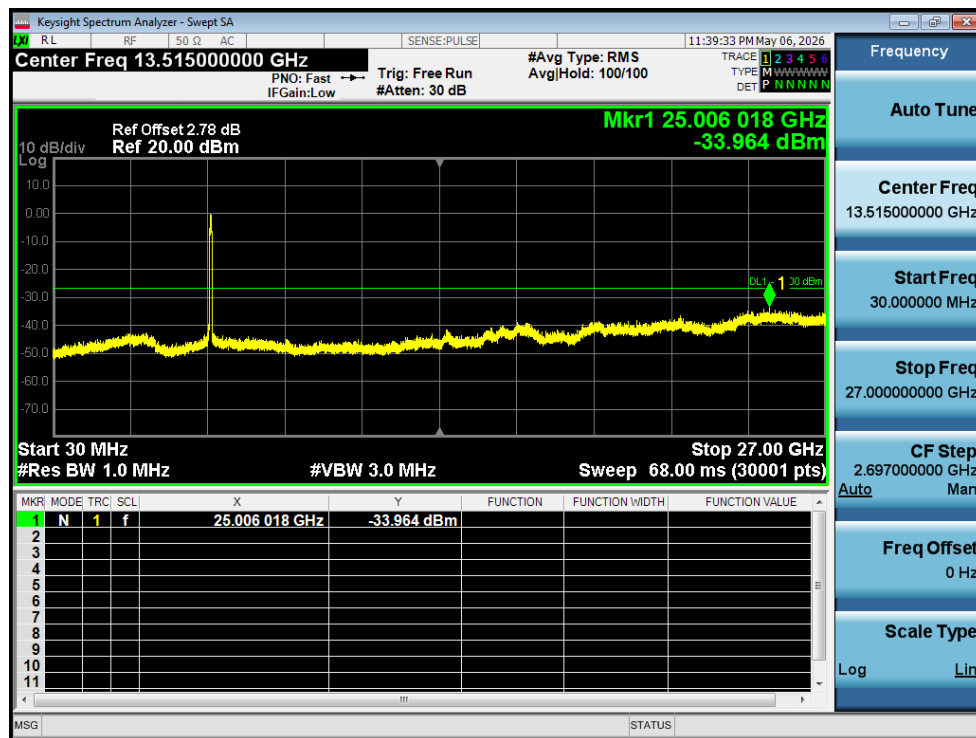
Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



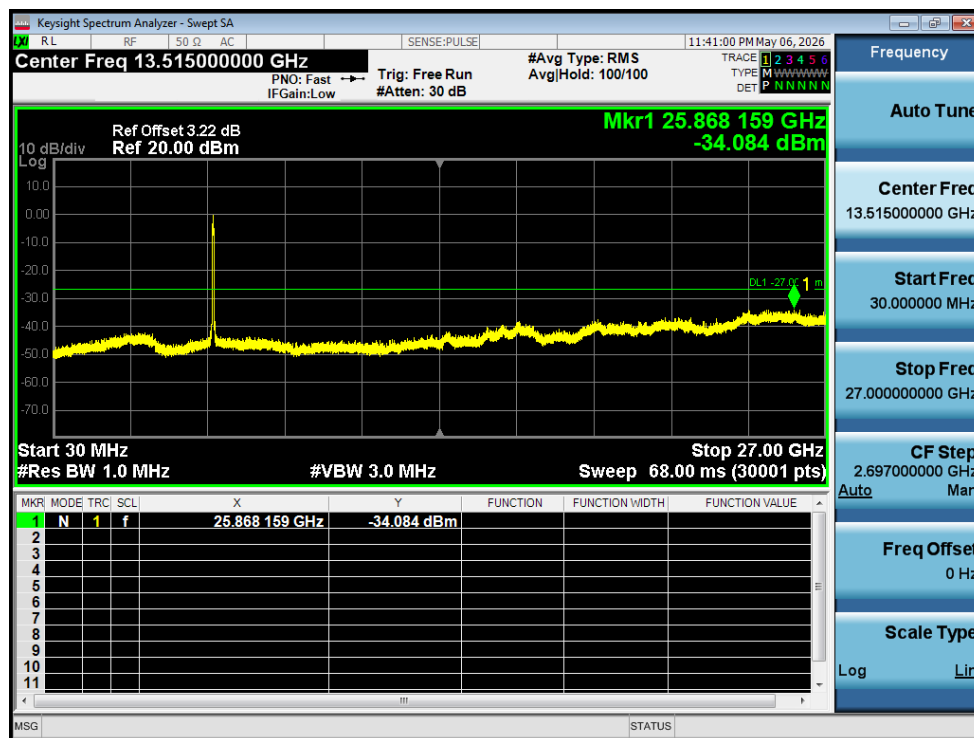
Tx. Spurious NVNT ac40 5590MHz Ant1 Emission



Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



Tx. Spurious NVNT ac80 5530MHz Ant1 Emission



Tx. Spurious NVNT ac80 5610MHz Ant1 Emission