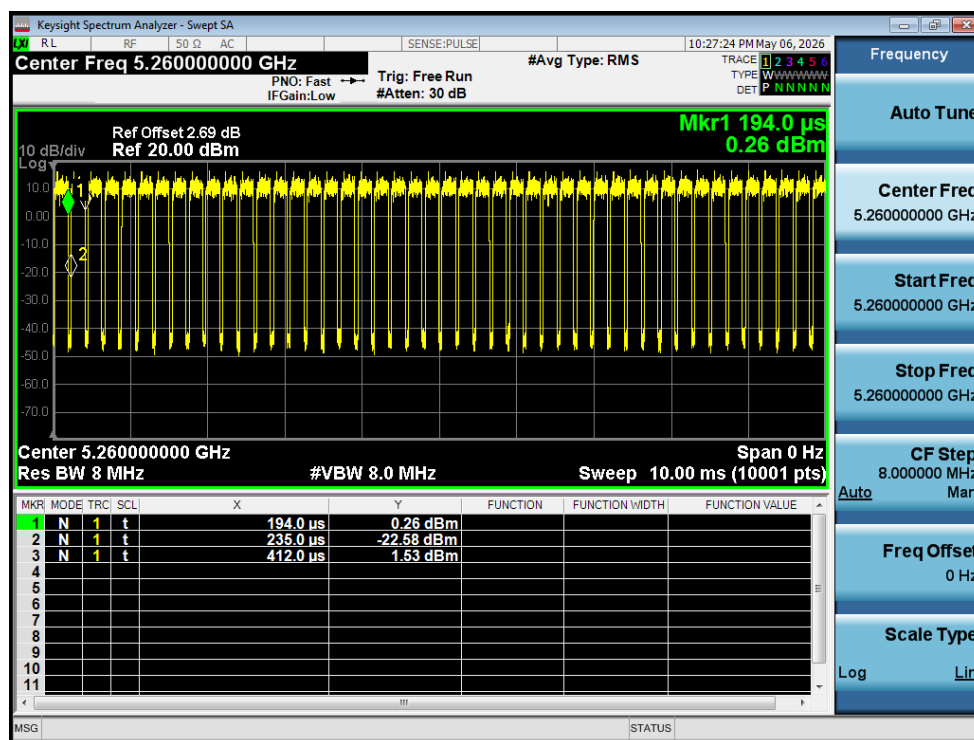
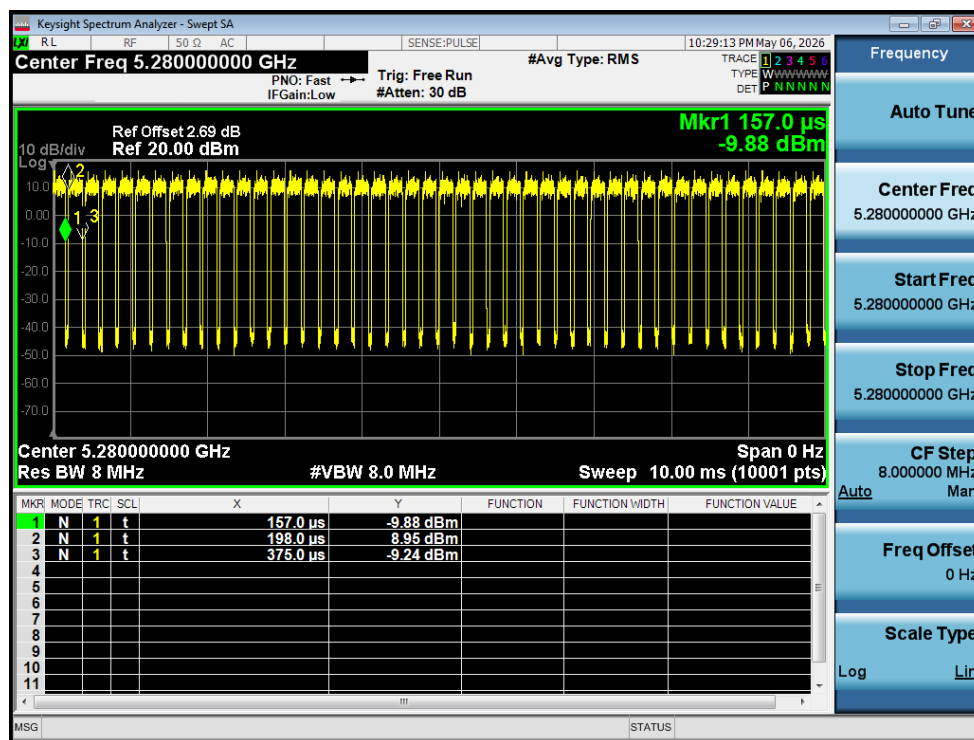


Test Data Appendix of Test Report**1. Duty Cycle**

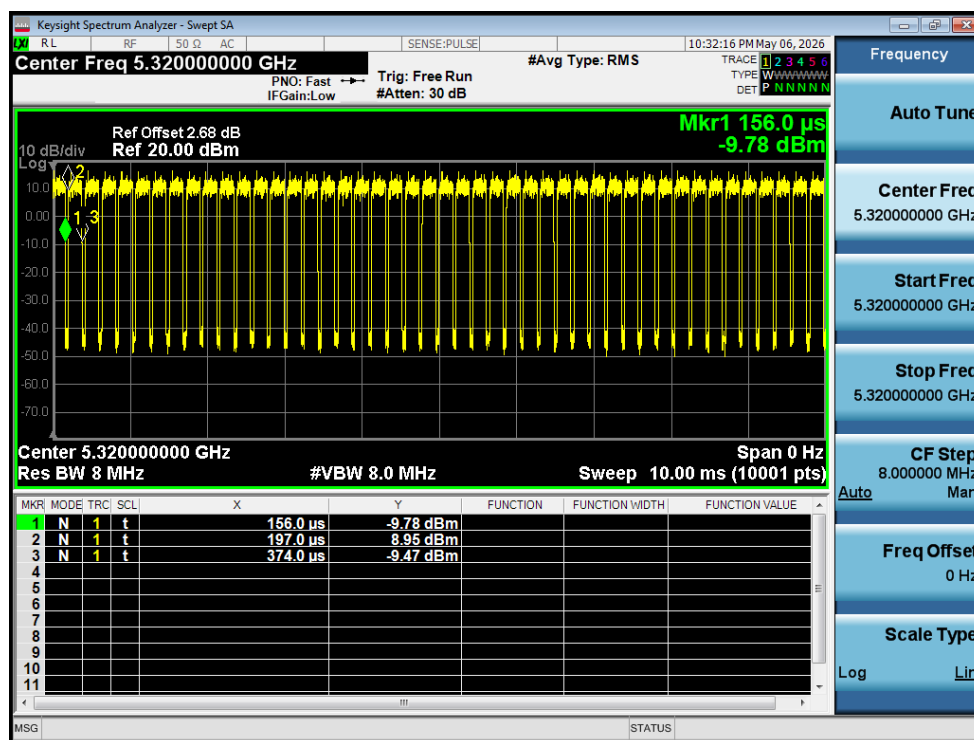
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	81.19	0.9	5.65
NVNT	a	5280	Ant1	81.19	0.9	5.65
NVNT	a	5320	Ant1	81.19	0.9	5.65
NVNT	n20	5260	Ant1	80.49	0.94	6.06
NVNT	n20	5280	Ant1	80.1	0.96	6.06
NVNT	n20	5320	Ant1	80.1	0.96	6.06
NVNT	n40	5270	Ant1	71.83	1.44	9.8
NVNT	n40	5310	Ant1	71.83	1.44	9.8
NVNT	ac20	5260	Ant1	78.42	1.06	6.71
NVNT	ac20	5280	Ant1	78.84	1.03	6.71
NVNT	ac20	5320	Ant1	78.42	1.06	6.71
NVNT	ac40	5270	Ant1	69.23	1.6	11.11
NVNT	ac40	5310	Ant1	68.99	1.61	11.24
NVNT	ac80	5290	Ant1	61.32	2.12	15.38



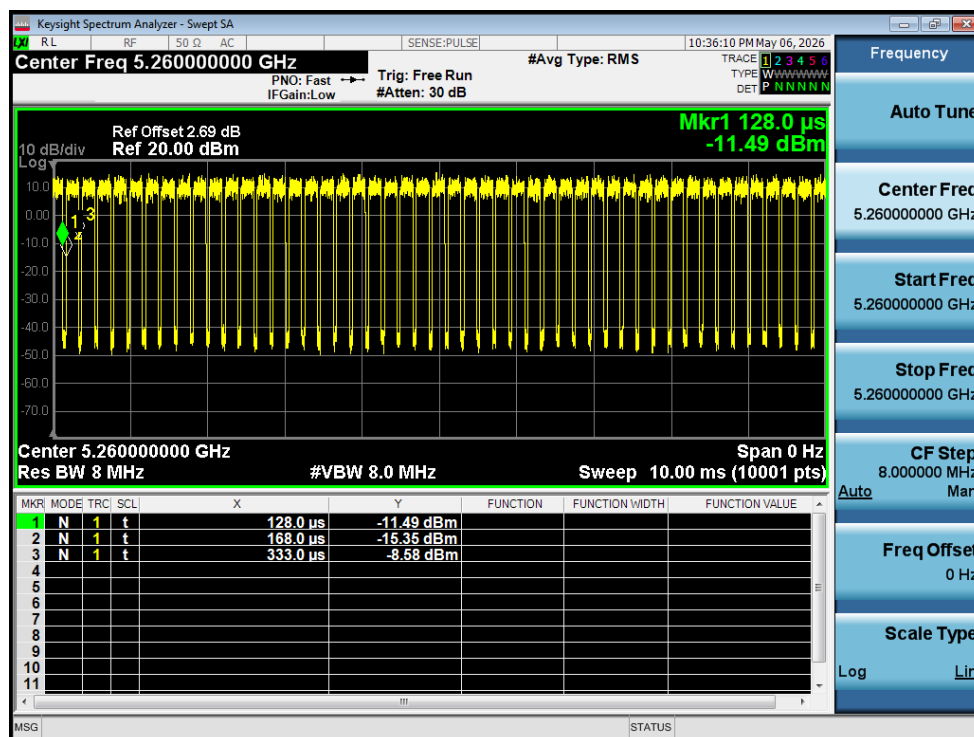
Duty Cycle NVNT a 5260MHz Ant1



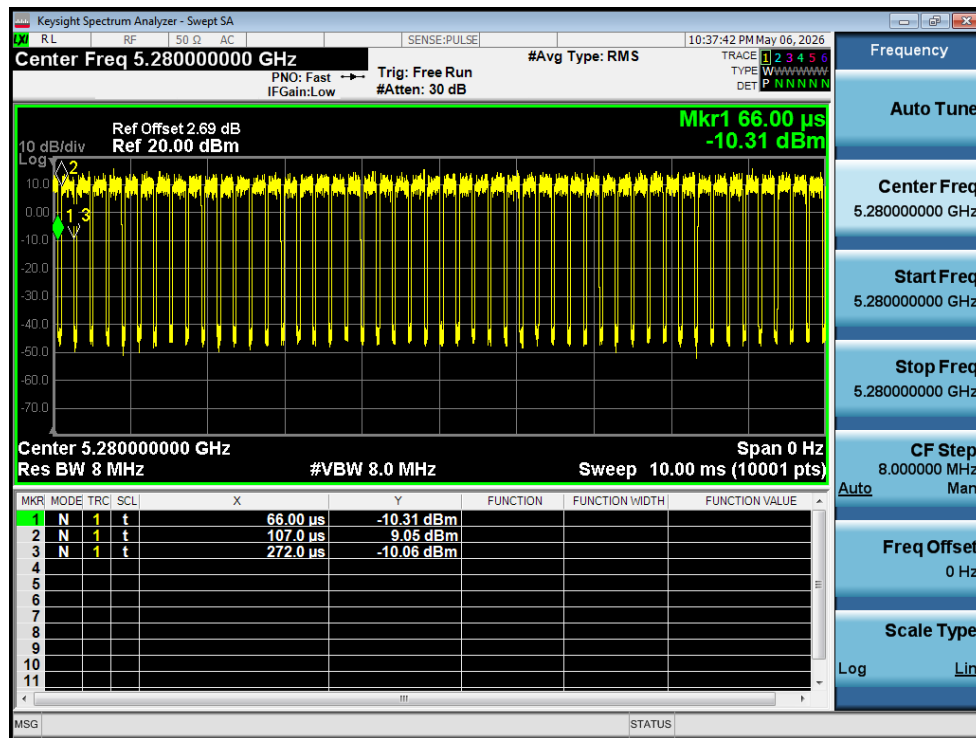
Duty Cycle NVNT a 5280MHz Ant1



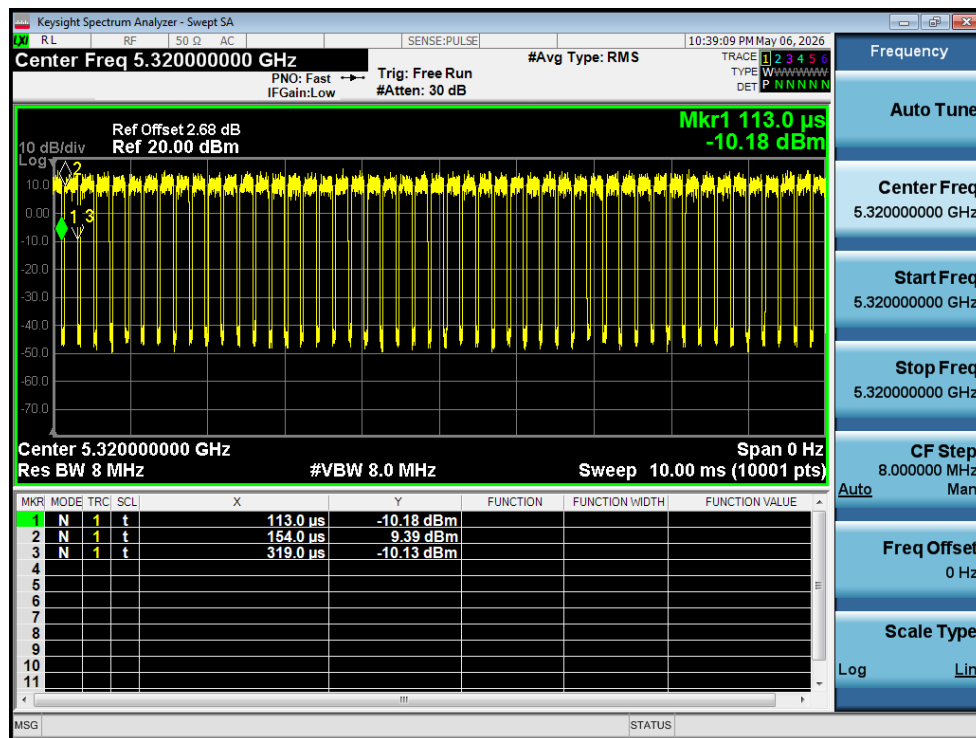
Duty Cycle NVNT a 5320MHz Ant1



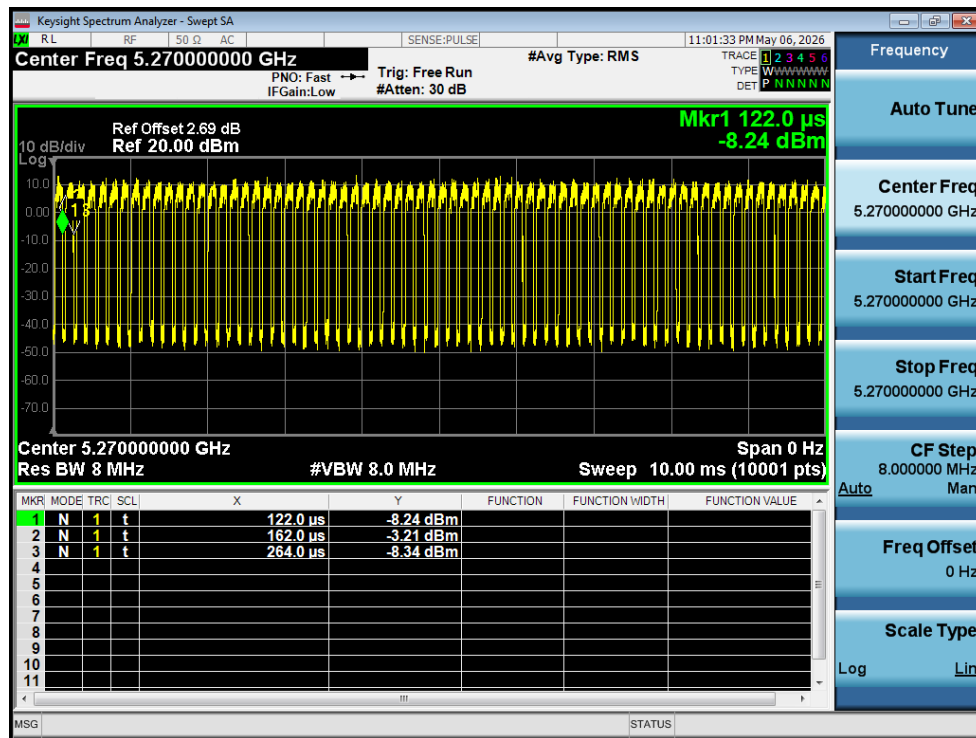
Duty Cycle NVNT n20 5260MHz Ant1



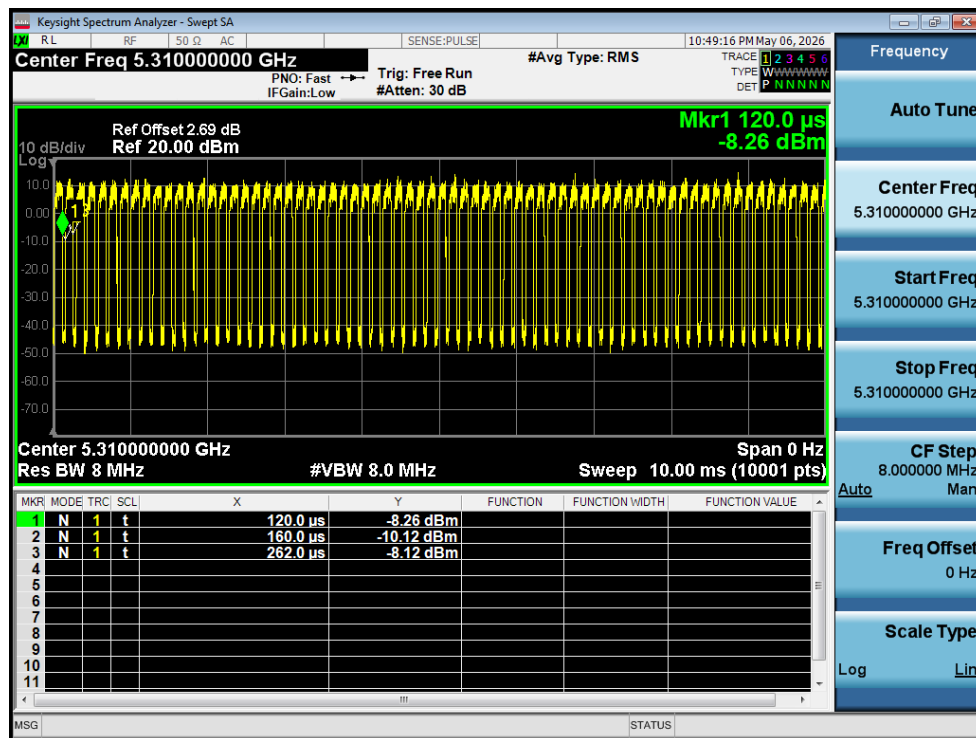
Duty Cycle NVNT n20 5280MHz Ant1



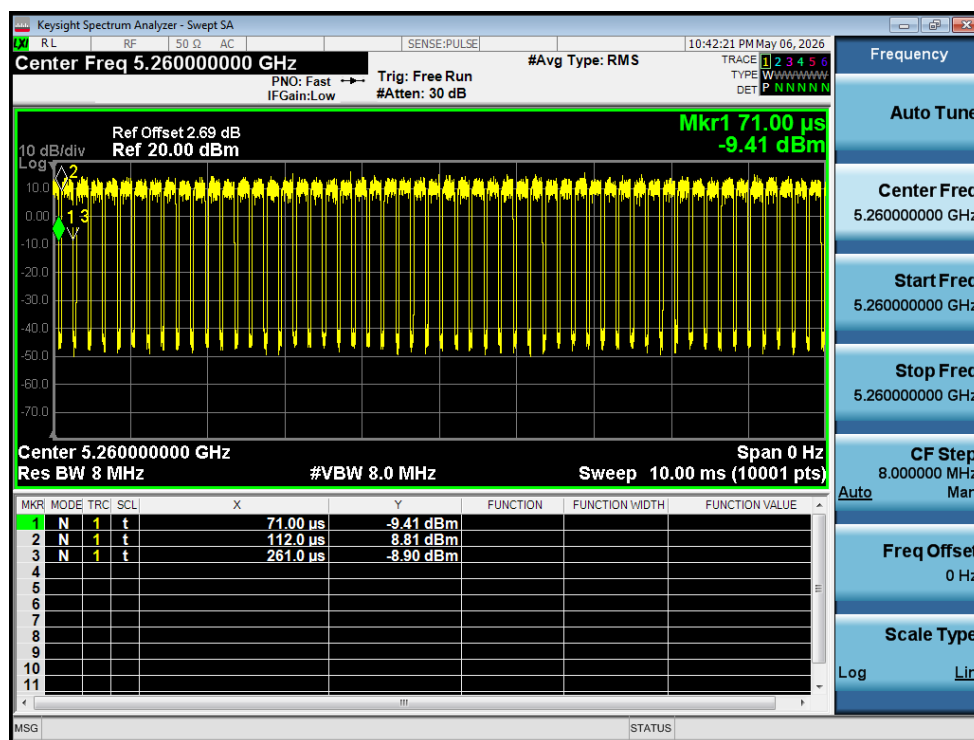
Duty Cycle NVNT n20 5320MHz Ant1



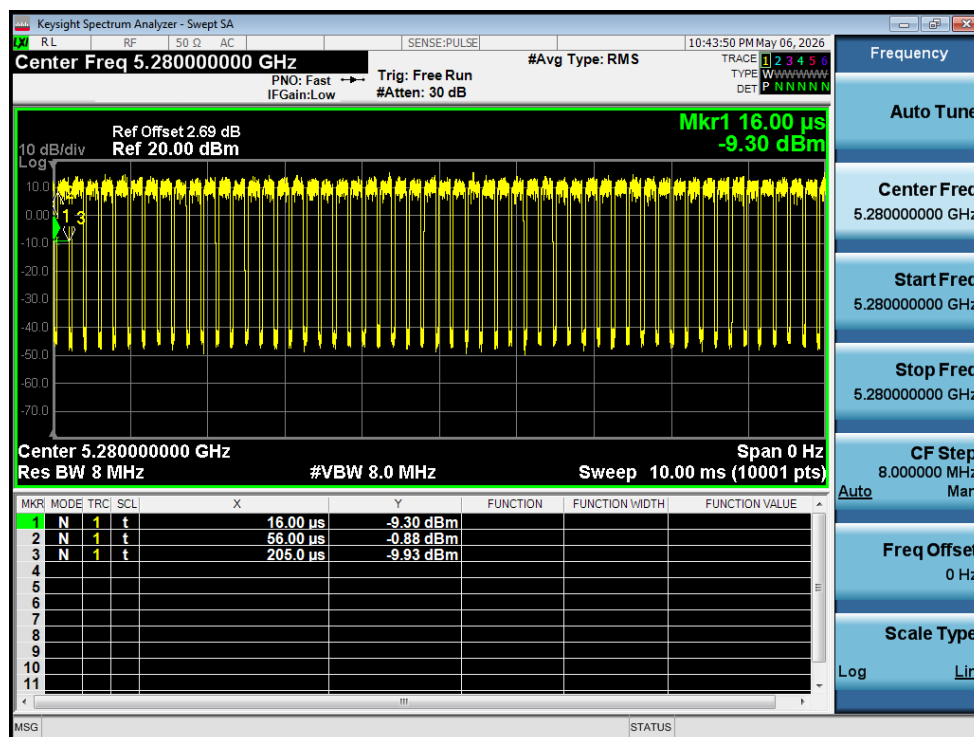
Duty Cycle NVNT n40 5270MHz Ant1



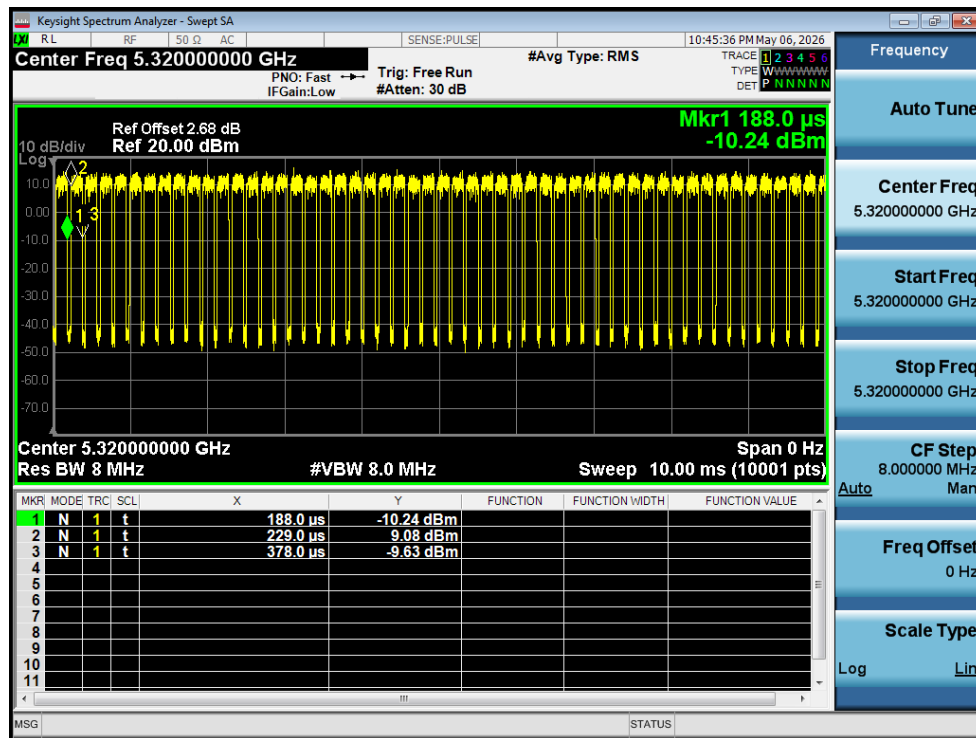
Duty Cycle NVNT n40 5310MHz Ant1



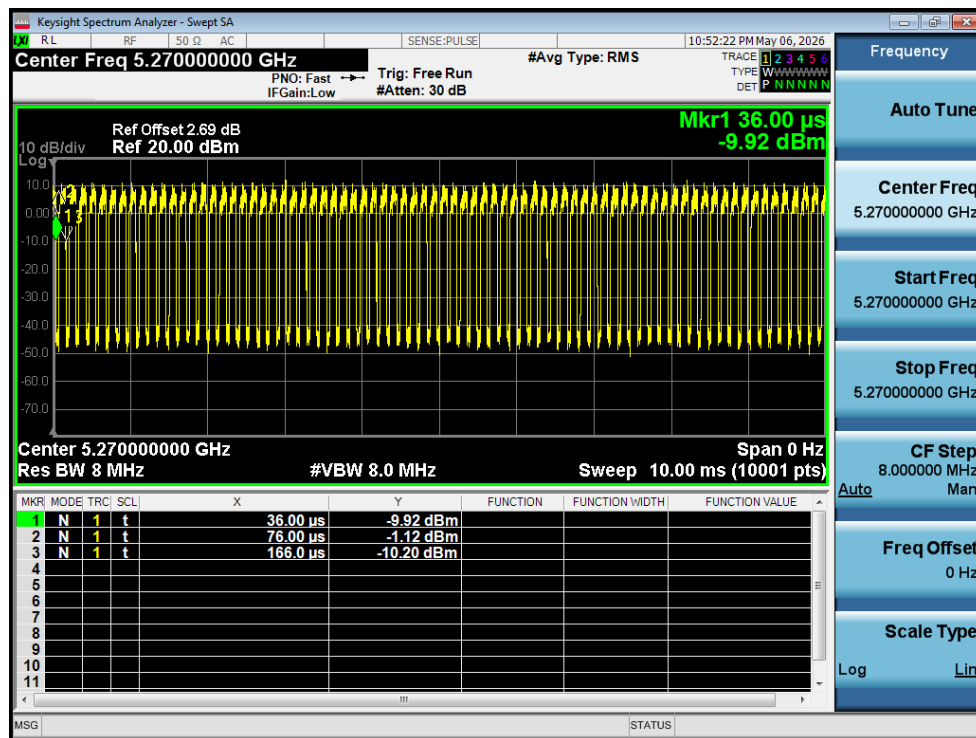
Duty Cycle NVNT ac20 5260MHz Ant1



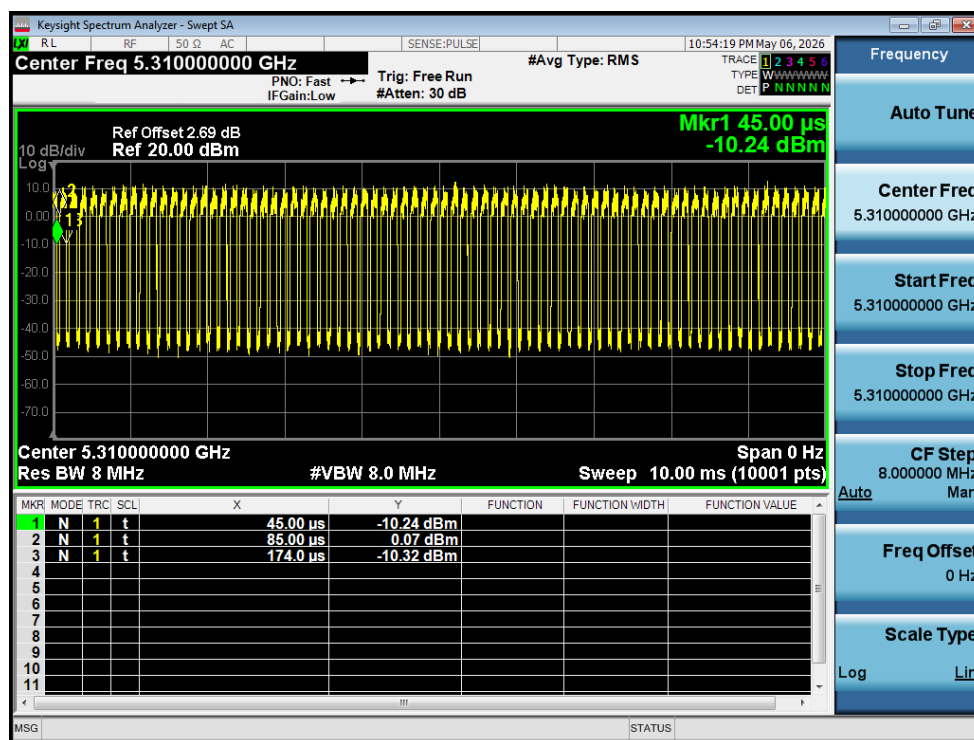
Duty Cycle NVNT ac20 5280MHz Ant1



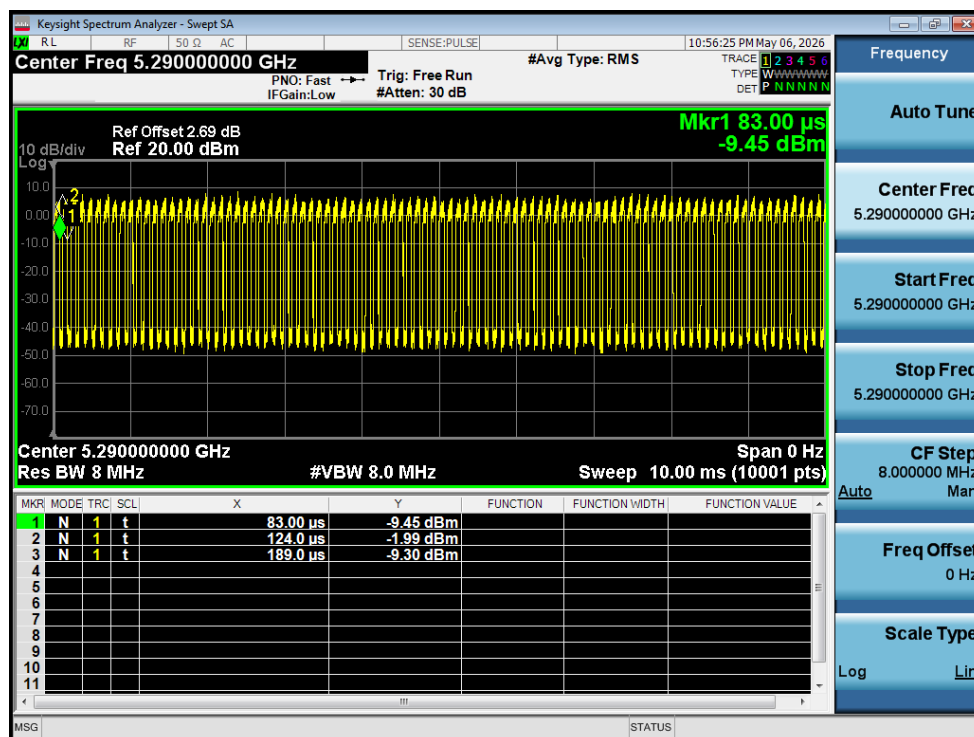
Duty Cycle NVNT ac20 5320MHz Ant1



Duty Cycle NVNT ac40 5270MHz Ant1



Duty Cycle NVNT ac40 5310MHz Ant1

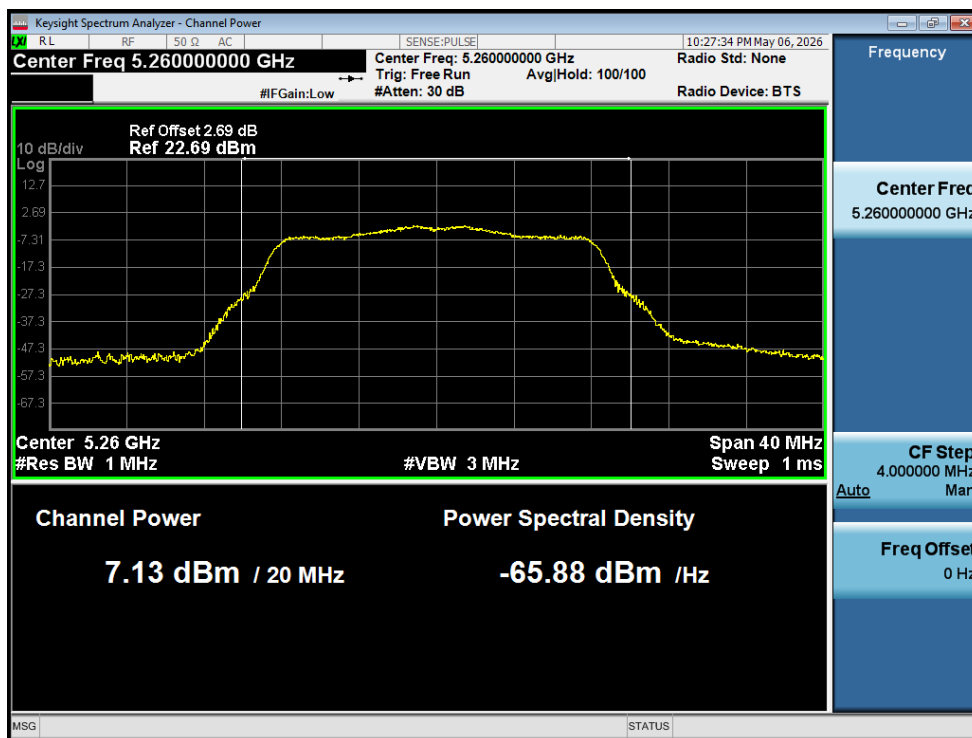


Duty Cycle NVNT ac80 5290MHz Ant1

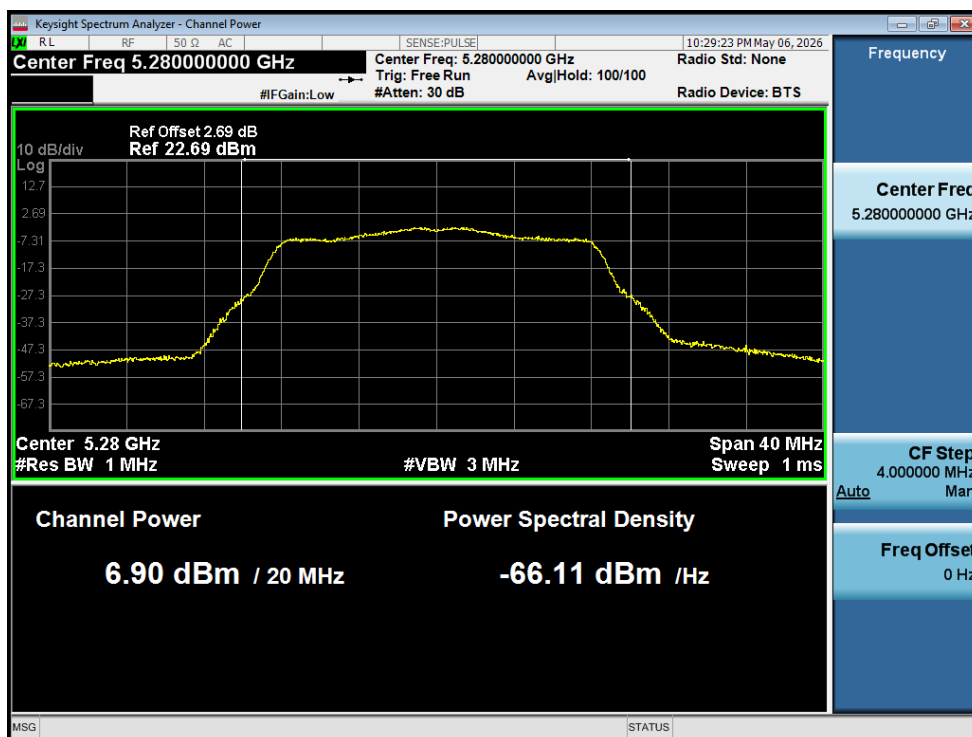
2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	7.13	0.9	8.03	24	Pass
NVNT	a	5280	Ant1	6.9	0.9	7.8	24	Pass
NVNT	a	5320	Ant1	7.41	0.9	8.31	24	Pass
NVNT	n20	5260	Ant1	6.72	0.94	7.66	24	Pass
NVNT	n20	5280	Ant1	6.52	0.96	7.48	24	Pass
NVNT	n20	5320	Ant1	6.94	0.96	7.9	24	Pass
NVNT	n40	5270	Ant1	5.95	1.44	7.39	24	Pass
NVNT	n40	5310	Ant1	6.2	1.44	7.64	24	Pass
NVNT	ac20	5260	Ant1	6.64	1.06	7.7	24	Pass
NVNT	ac20	5280	Ant1	6.47	1.03	7.5	24	Pass
NVNT	ac20	5320	Ant1	7	1.06	8.06	24	Pass
NVNT	ac40	5270	Ant1	4.48	1.6	6.08	24	Pass
NVNT	ac40	5310	Ant1	4.5	1.61	6.11	24	Pass
NVNT	ac80	5290	Ant1	3.8	2.12	5.92	24	Pass

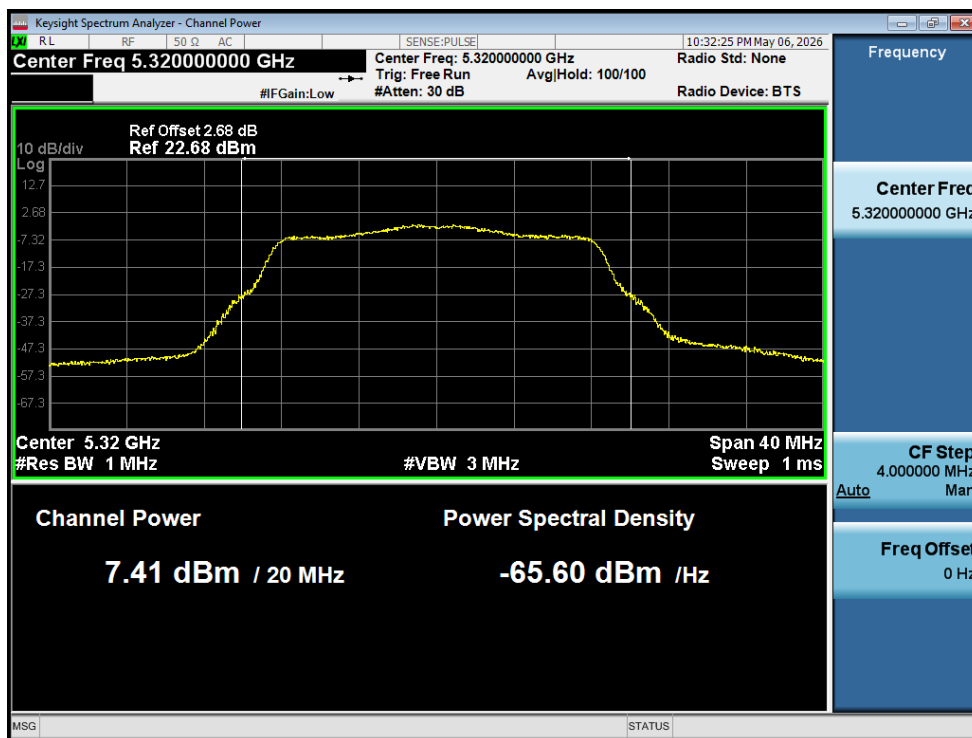
Note 1: Total power=Conducted power + Duty factor



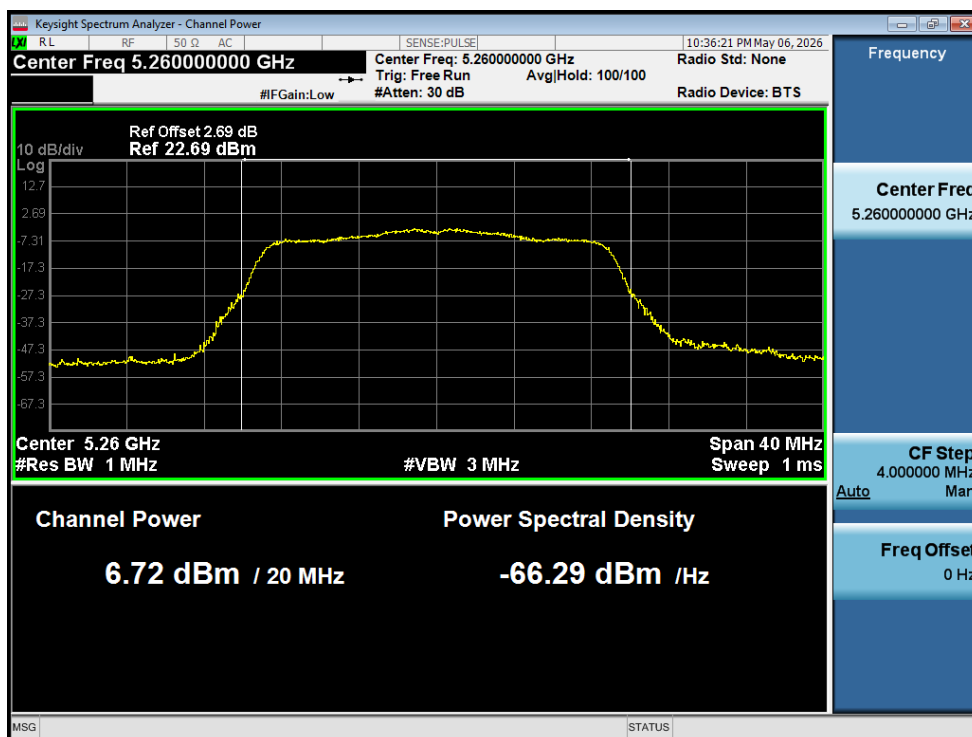
Power NVNT a 5260MHz Ant1



Power NVNT a 5280MHz Ant1



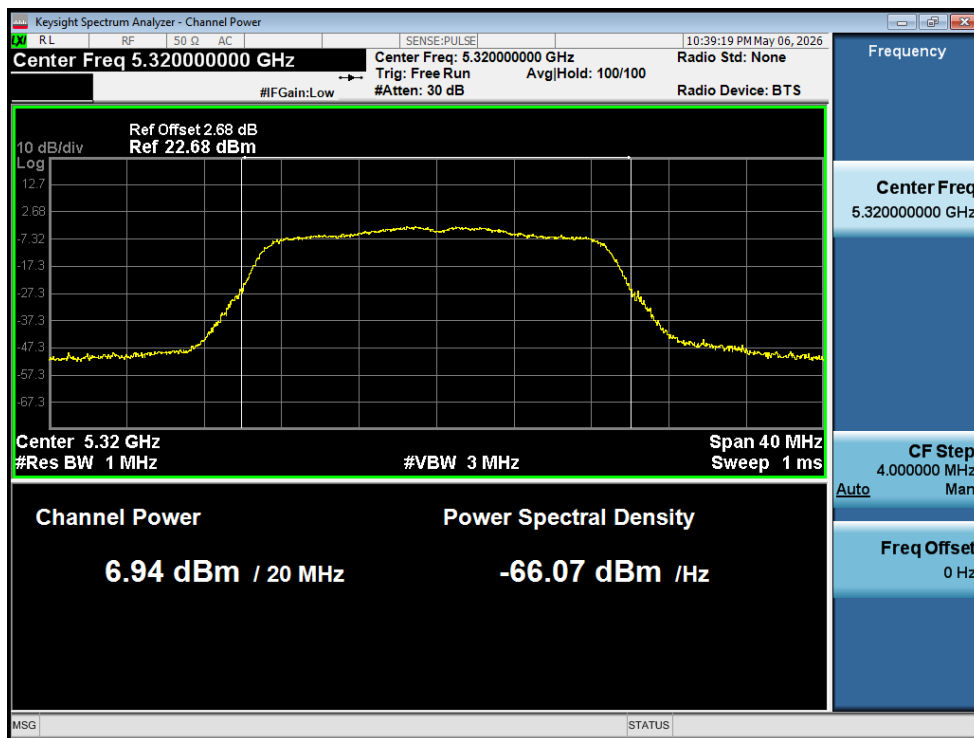
Power NVNT a 5320MHz Ant1



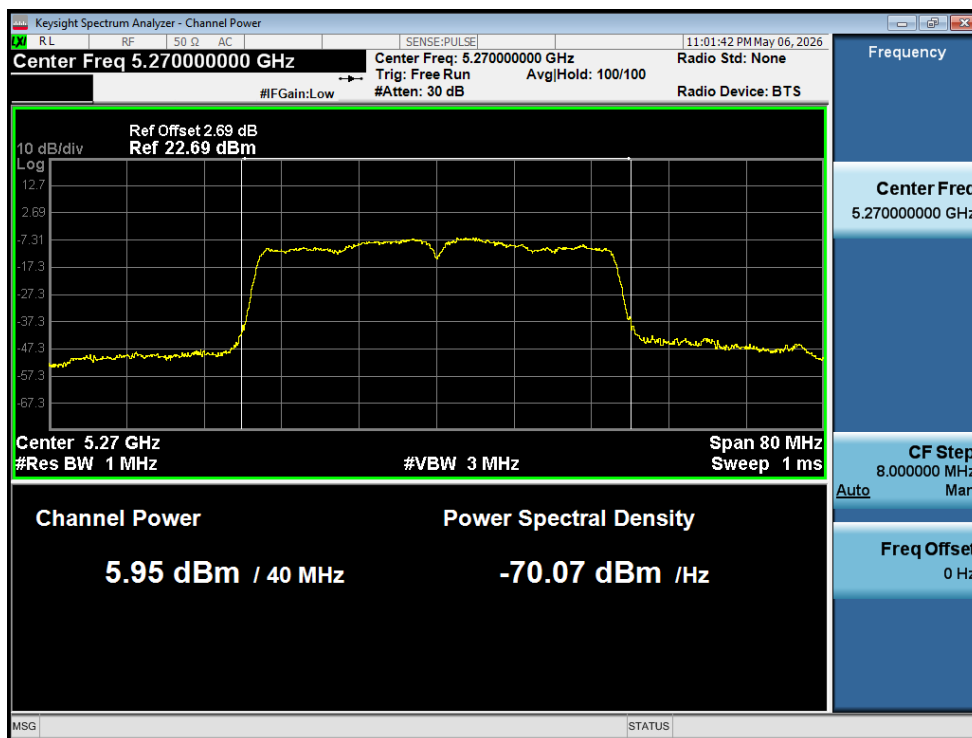
Power NVNT n20 5260MHz Ant1



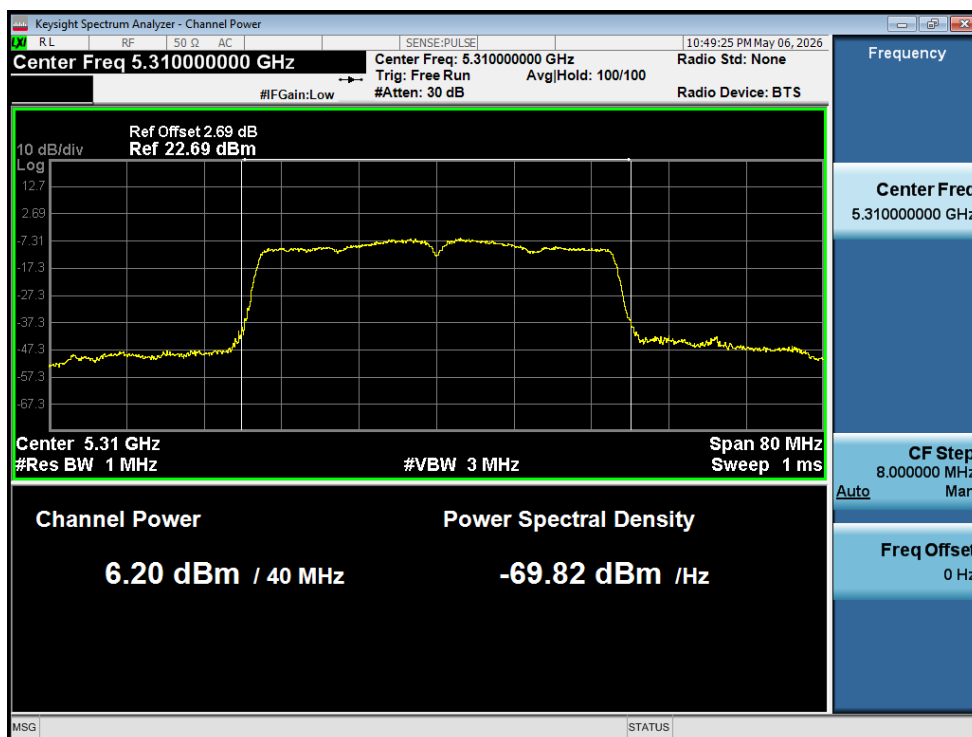
Power NVNT n20 5280MHz Ant1



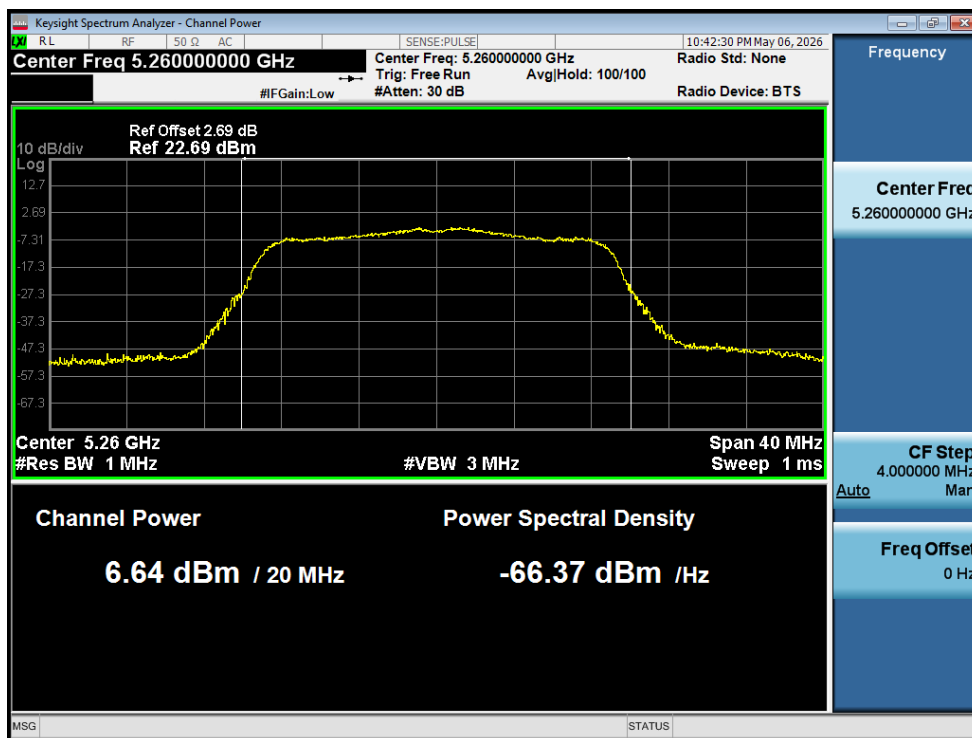
Power NVNT n20 5320MHz Ant1



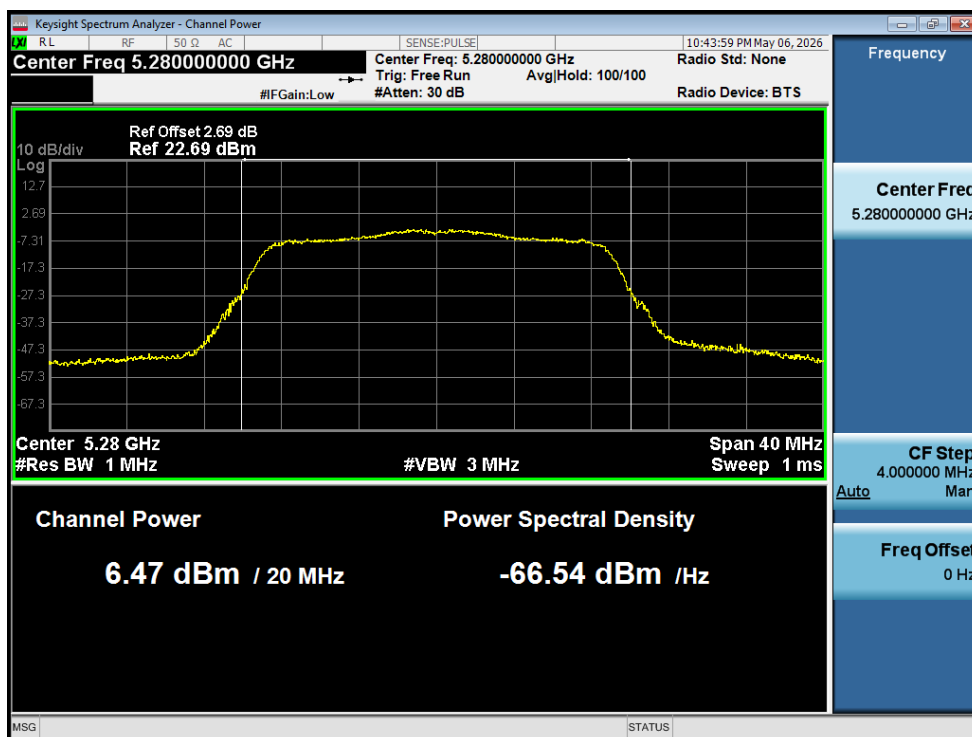
Power NVNT n40 5270MHz Ant1



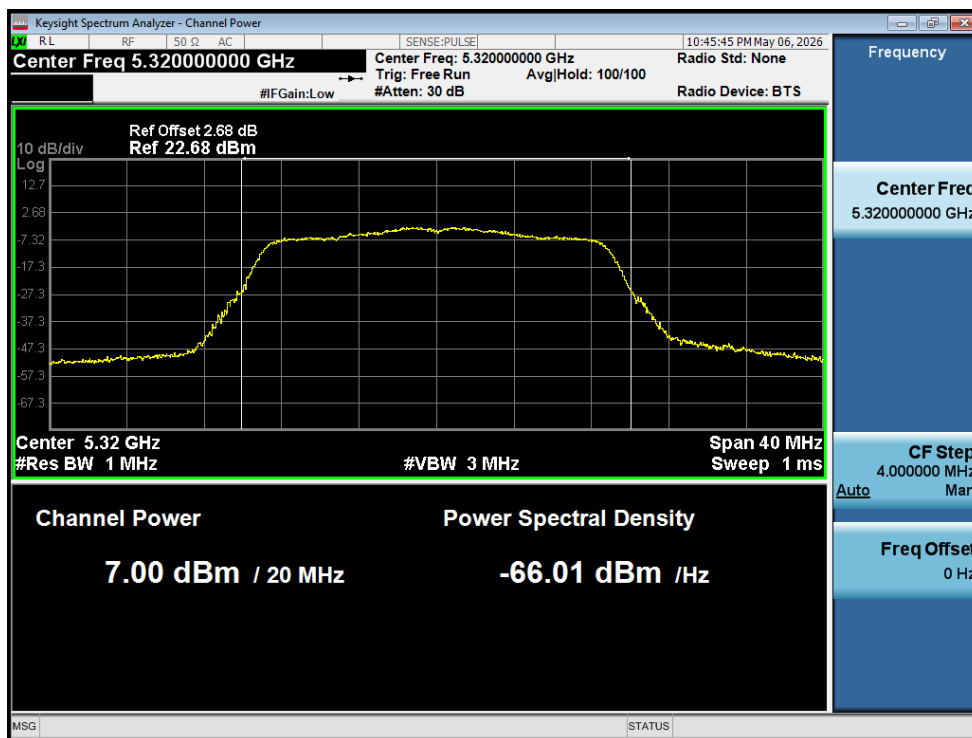
Power NVNT n40 5310MHz Ant1



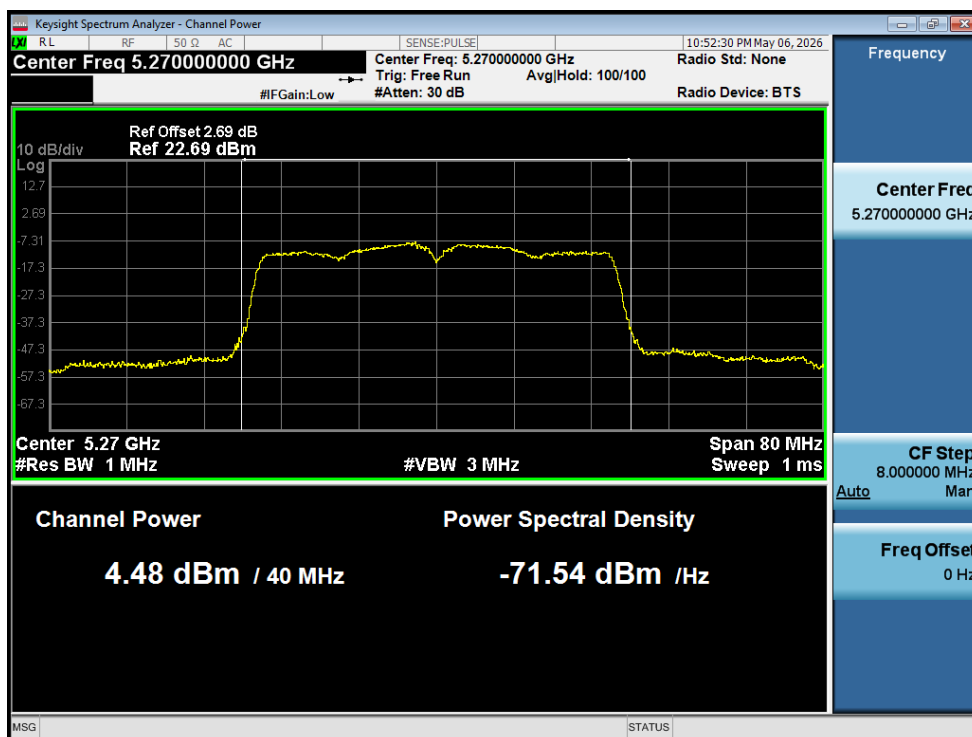
Power NVNT ac20 5260MHz Ant1



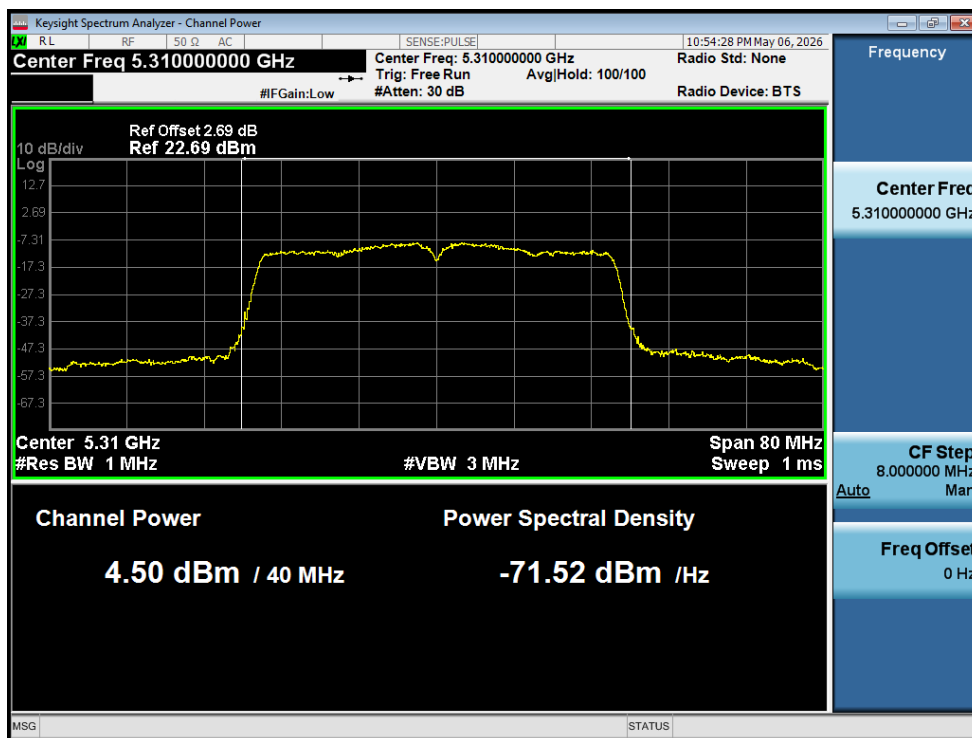
Power NVNT ac20 5280MHz Ant1



Power NVNT ac20 5320MHz Ant1



Power NVNT ac40 5270MHz Ant1



Power NVNT ac40 5310MHz Ant1



Power NVNT ac80 5290MHz Ant1

3. -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	20.51	Pass
NVNT	a	5280	Ant1	20.60	Pass
NVNT	a	5320	Ant1	20.55	Pass
NVNT	n20	5260	Ant1	20.76	Pass
NVNT	n20	5280	Ant1	20.87	Pass
NVNT	n20	5320	Ant1	20.85	Pass
NVNT	n40	5270	Ant1	38.66	Pass
NVNT	n40	5310	Ant1	38.49	Pass
NVNT	ac20	5260	Ant1	21.12	Pass
NVNT	ac20	5280	Ant1	20.84	Pass
NVNT	ac20	5320	Ant1	21.19	Pass
NVNT	ac40	5270	Ant1	39.37	Pass
NVNT	ac40	5310	Ant1	39.08	Pass
NVNT	ac80	5290	Ant1	79.00	Pass



-26dB Bandwidth NVNT a 5260MHz Ant1



-26dB Bandwidth NVNT a 5280MHz Ant1



-26dB Bandwidth NVNT a 5320MHz Ant1



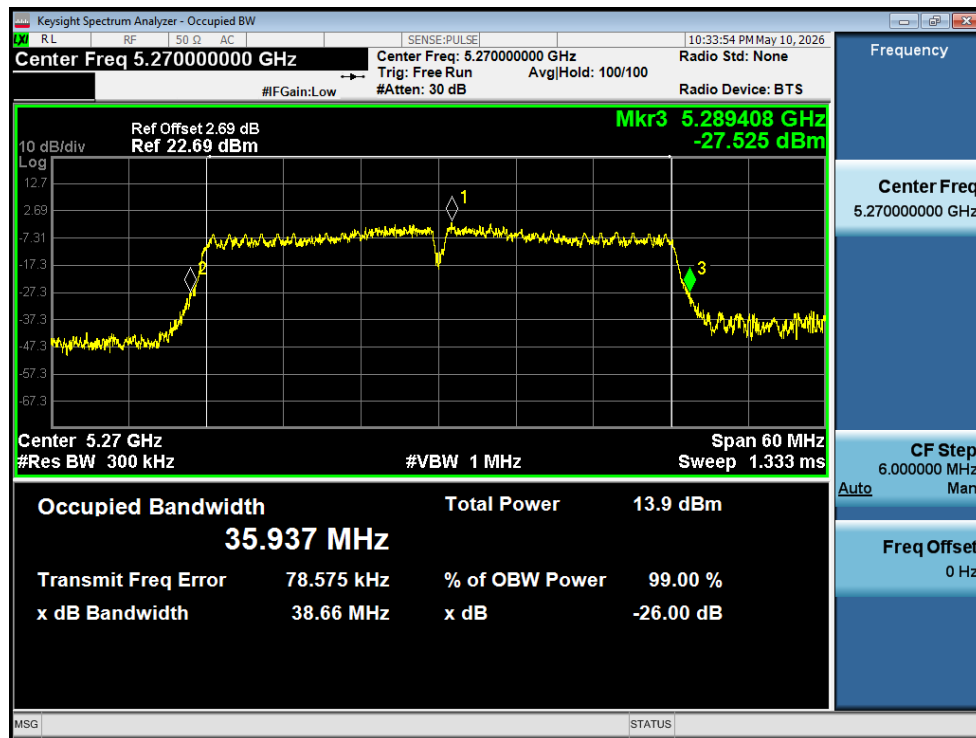
-26dB Bandwidth NVNT n20 5260MHz Ant1



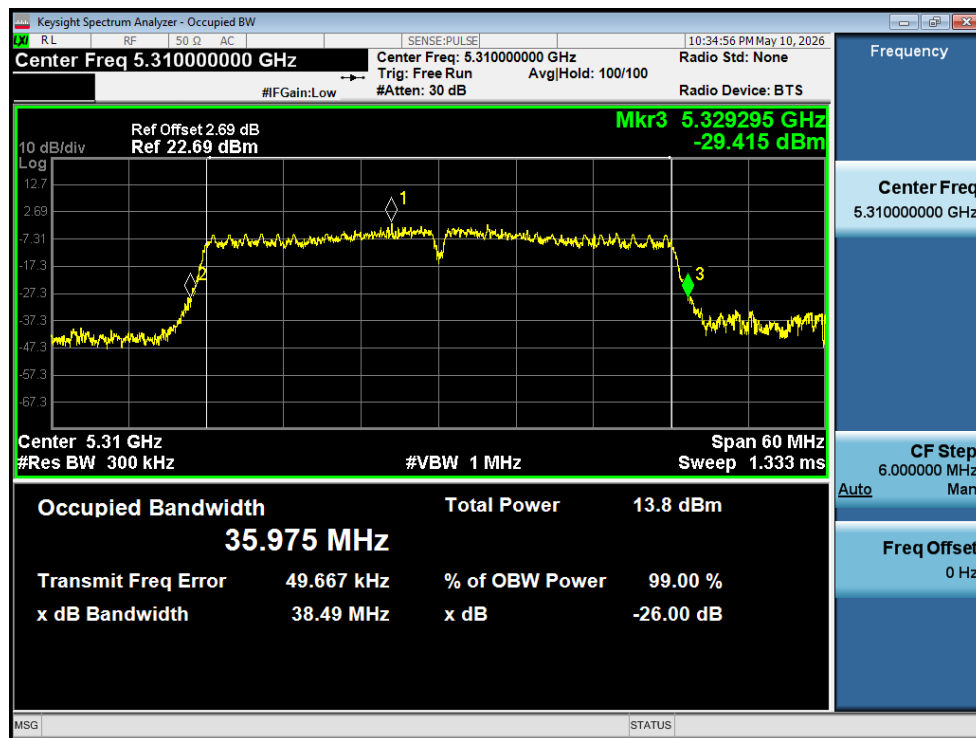
-26dB Bandwidth NVNT n20 5280MHz Ant1



-26dB Bandwidth NVNT n20 5320MHz Ant1



-26dB Bandwidth NVNT n40 5270MHz Ant1



-26dB Bandwidth NVNT n40 5310MHz Ant1



-26dB Bandwidth NVNT ac20 5260MHz Ant1



-26dB Bandwidth NVNT ac20 5280MHz Ant1



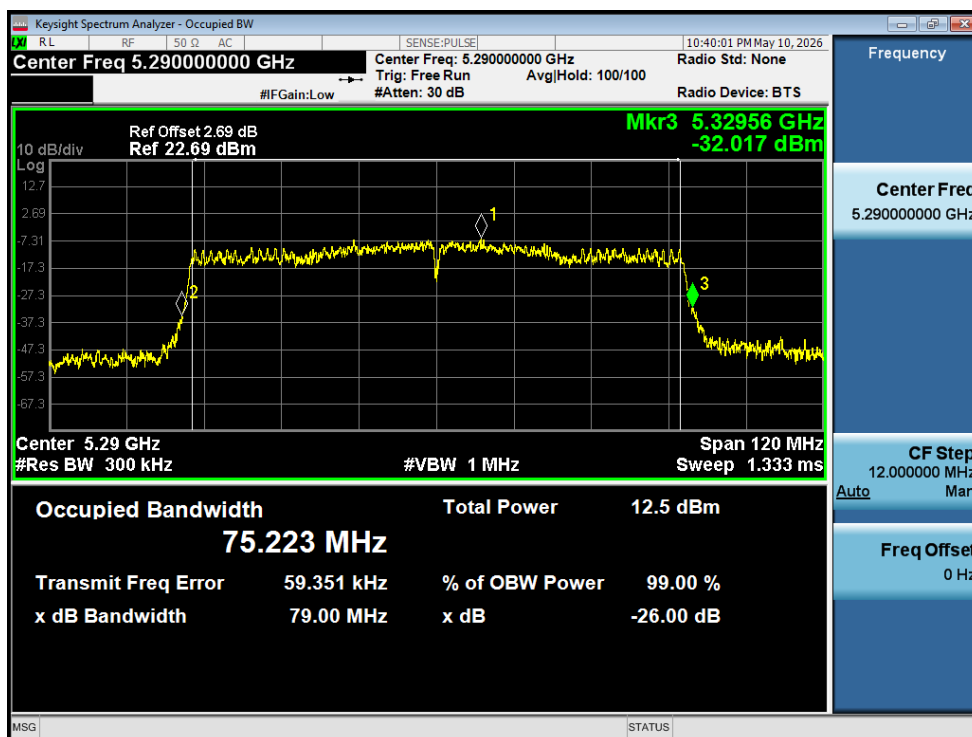
-26dB Bandwidth NVNT ac20 5320MHz Ant1



-26dB Bandwidth NVNT ac40 5270MHz Ant1



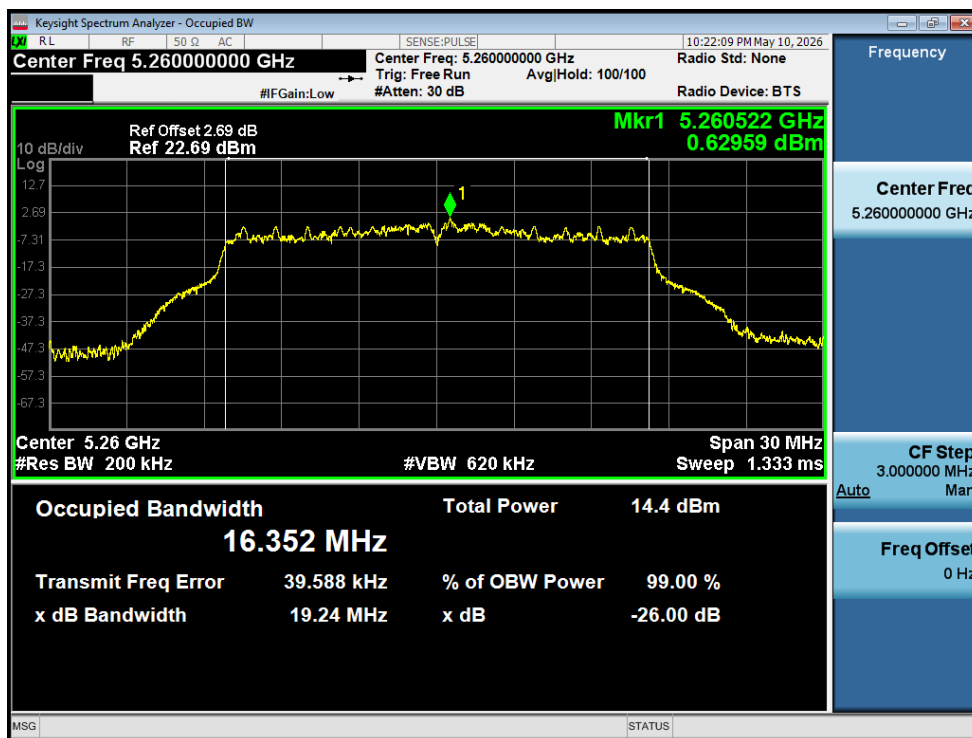
-26dB Bandwidth NVNT ac40 5310MHz Ant1



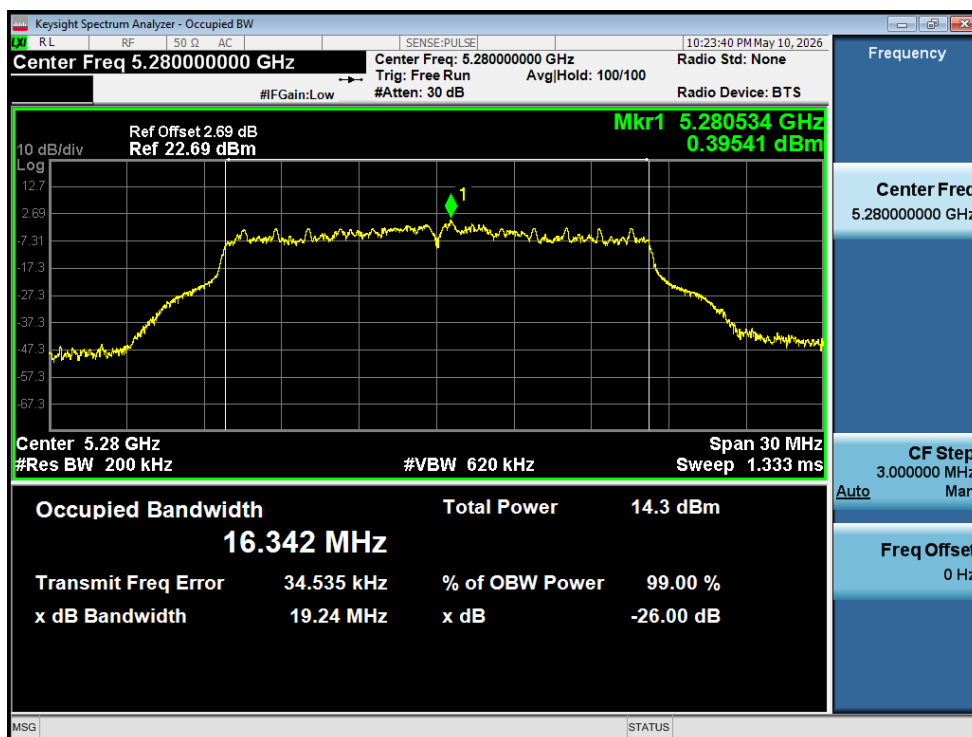
-26dB Bandwidth NVNT ac80 5290MHz Ant1

4. Occupied Channel Bandwidth

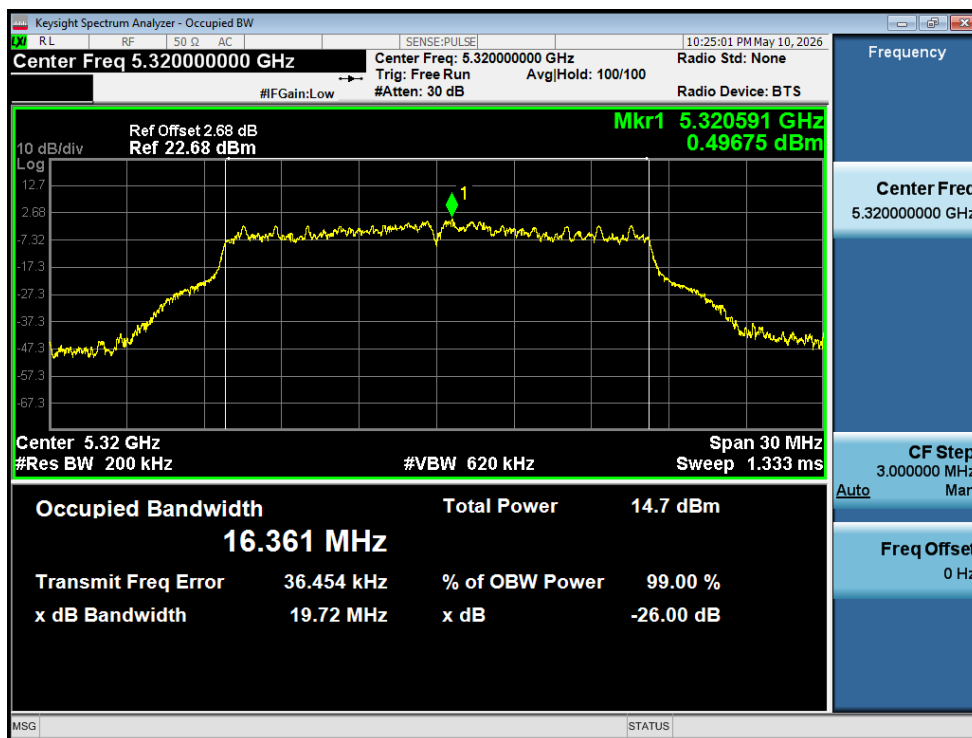
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.352
NVNT	a	5280	Ant1	16.342
NVNT	a	5320	Ant1	16.361
NVNT	n20	5260	Ant1	17.593
NVNT	n20	5280	Ant1	17.599
NVNT	n20	5320	Ant1	17.623
NVNT	n40	5270	Ant1	36.09
NVNT	n40	5310	Ant1	36.096
NVNT	ac20	5260	Ant1	17.606
NVNT	ac20	5280	Ant1	17.623
NVNT	ac20	5320	Ant1	17.625
NVNT	ac40	5270	Ant1	36.167
NVNT	ac40	5310	Ant1	36.212
NVNT	ac80	5290	Ant1	75.285



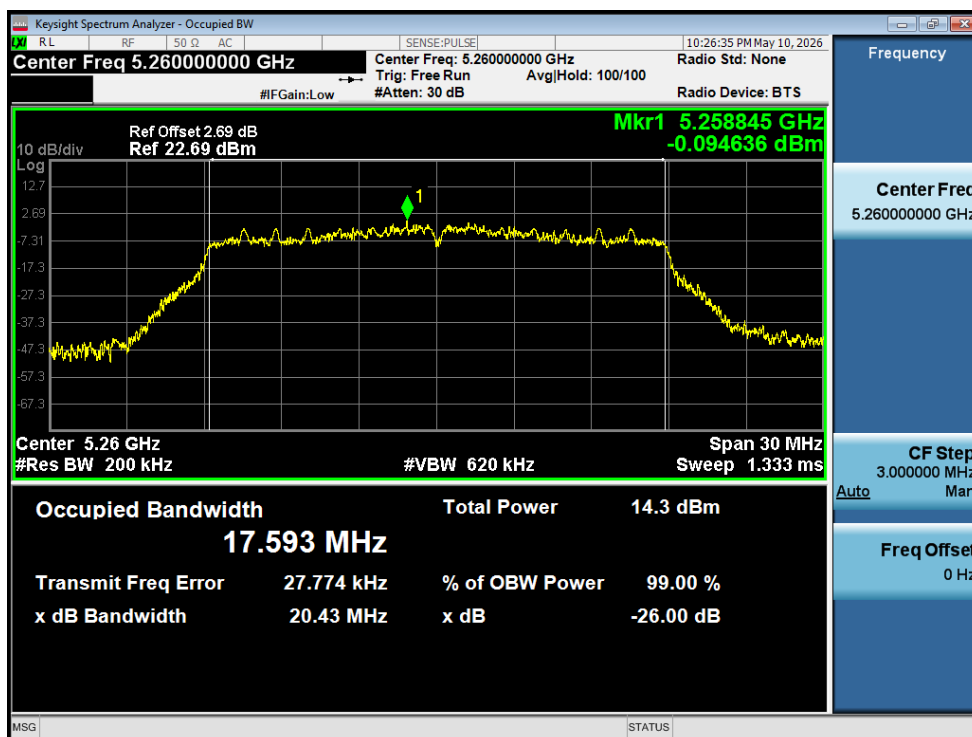
OBW NVNT a 5260MHz Ant1



OBW NVNT a 5280MHz Ant1



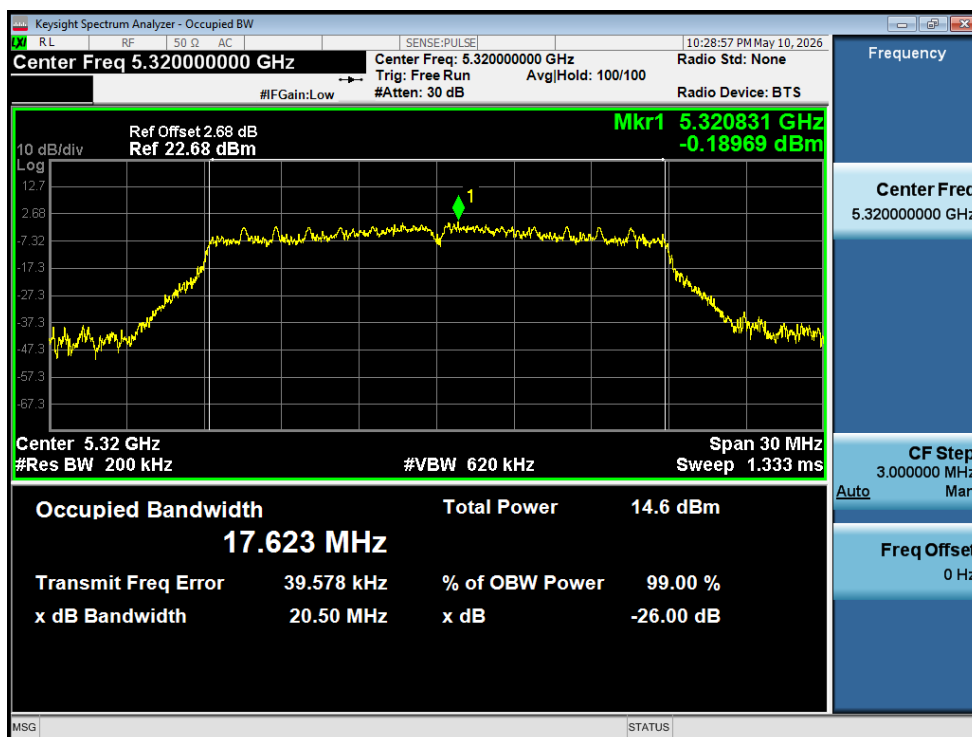
OBW NVNT a 5320MHz Ant1



OBW NVNT n20 5260MHz Ant1



OBW NVNT n20 5280MHz Ant1



OBW NVNT n20 5320MHz Ant1



OBW NVNT n40 5270MHz Ant1



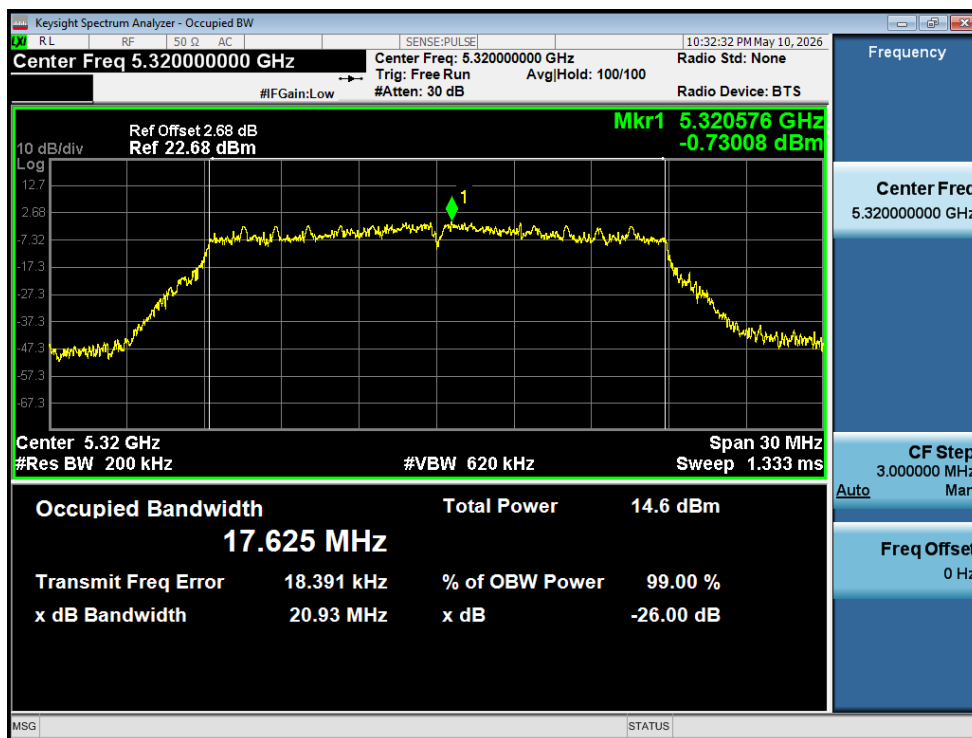
OBW NVNT n40 5310MHz Ant1



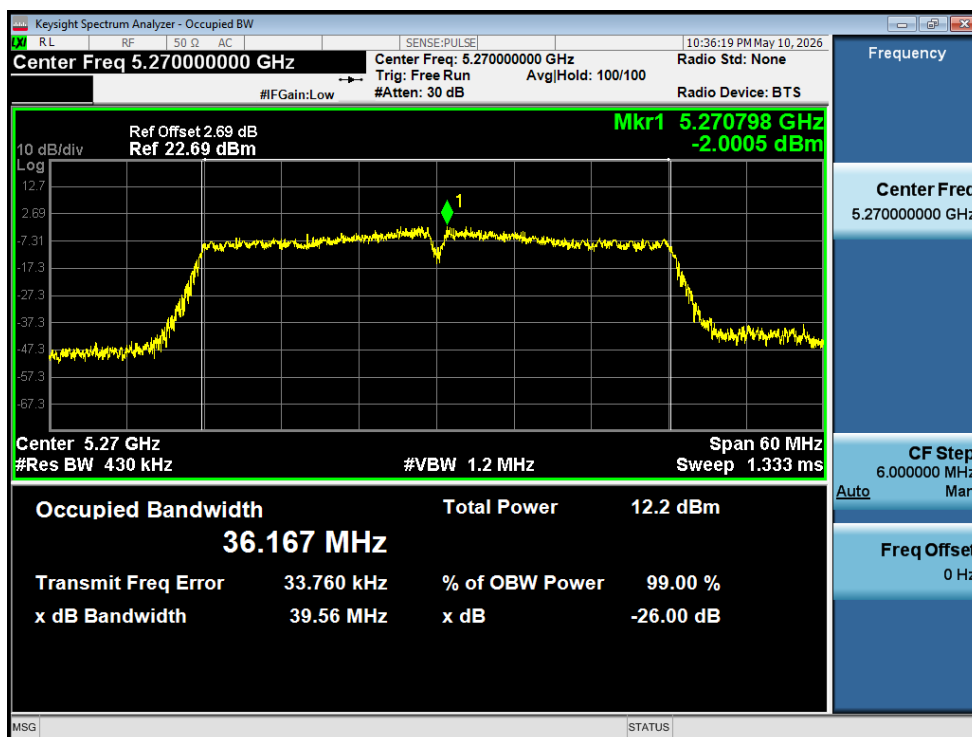
OBW NVNT ac20 5260MHz Ant1



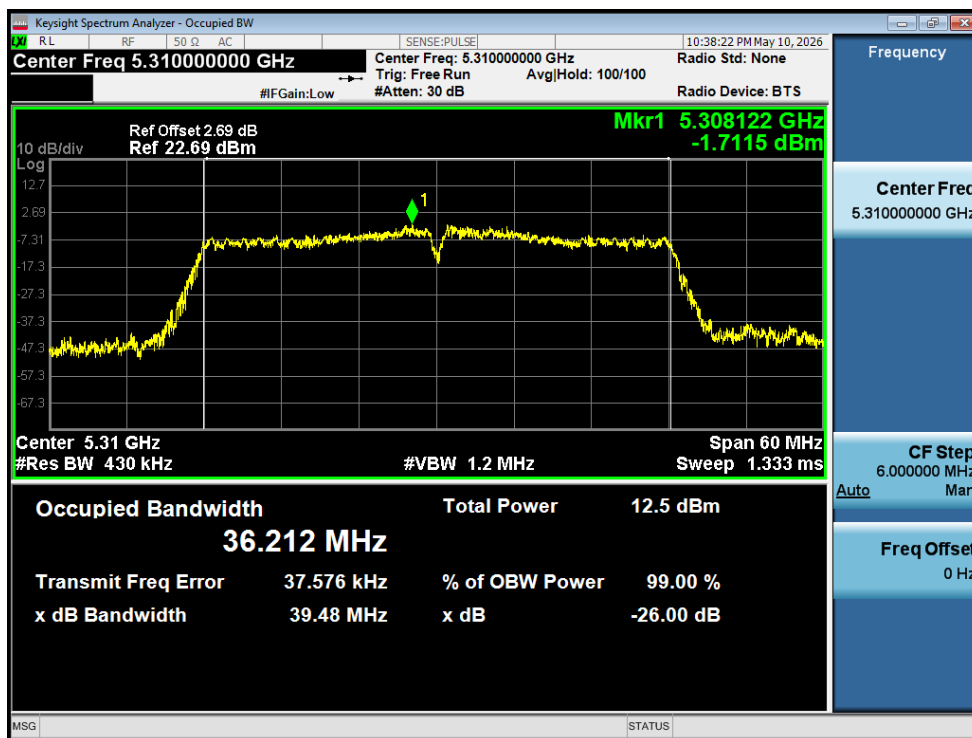
OBW NVNT ac20 5280MHz Ant1



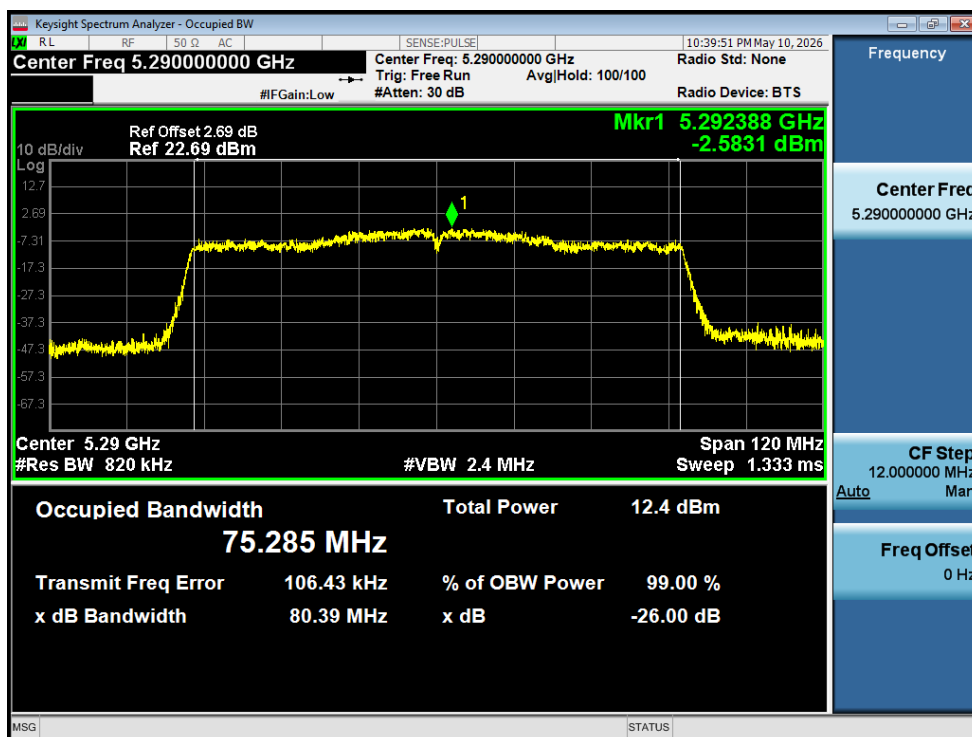
OBW NVNT ac20 5320MHz Ant1



OBW NVNT ac40 5270MHz Ant1



OBW NVNT ac40 5310MHz Ant1

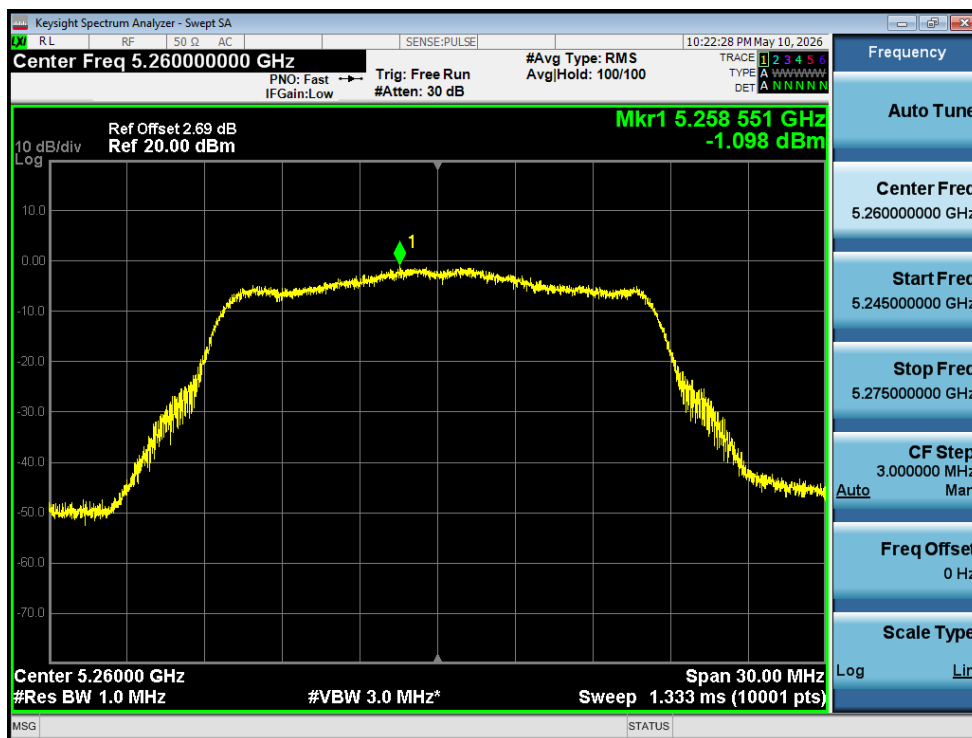


OBW NVNT ac80 5290MHz Ant1

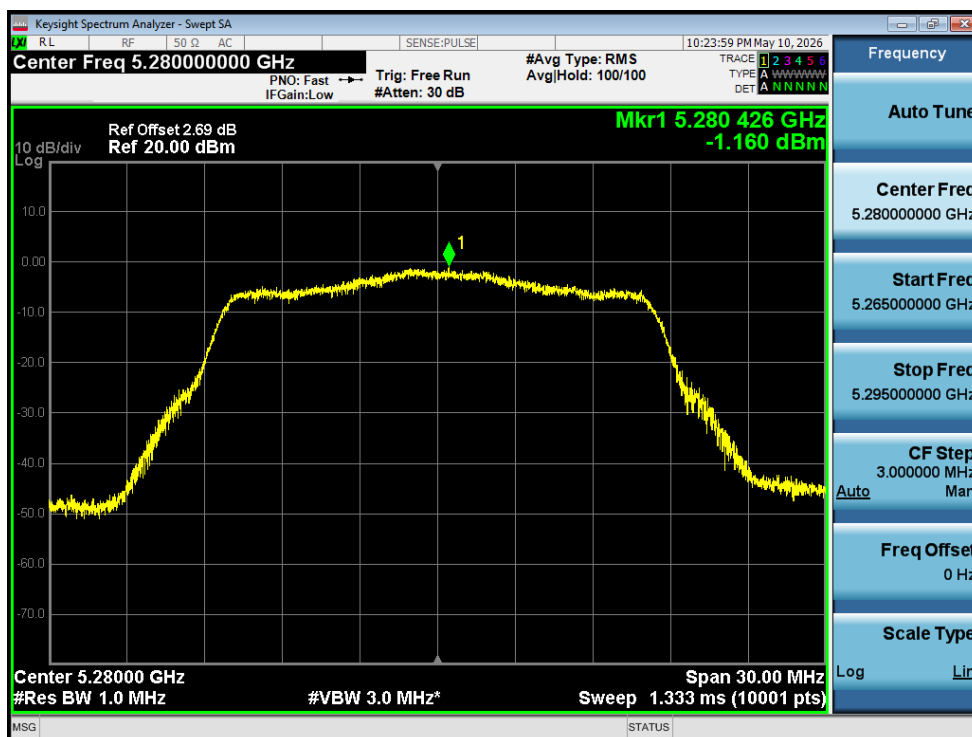
5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-1.1	0.9	-0.2	11	Pass
NVNT	a	5280	Ant1	-1.16	0.9	-0.26	11	Pass
NVNT	a	5320	Ant1	-0.59	0.9	0.31	11	Pass
NVNT	n20	5260	Ant1	-1.81	0.94	-0.87	11	Pass
NVNT	n20	5280	Ant1	-1.64	0.96	-0.68	11	Pass
NVNT	n20	5320	Ant1	-1.55	0.96	-0.59	11	Pass
NVNT	n40	5270	Ant1	-5.11	1.44	-3.67	11	Pass
NVNT	n40	5310	Ant1	-5.6	1.44	-4.16	11	Pass
NVNT	ac20	5260	Ant1	-2.12	1.06	-1.06	11	Pass
NVNT	ac20	5280	Ant1	-2.06	1.03	-1.03	11	Pass
NVNT	ac20	5320	Ant1	-1.49	1.06	-0.43	11	Pass
NVNT	ac40	5270	Ant1	-7.31	1.6	-5.71	11	Pass
NVNT	ac40	5310	Ant1	-6.63	1.61	-5.02	11	Pass
NVNT	ac80	5290	Ant1	-10.04	2.12	-7.92	11	Pass

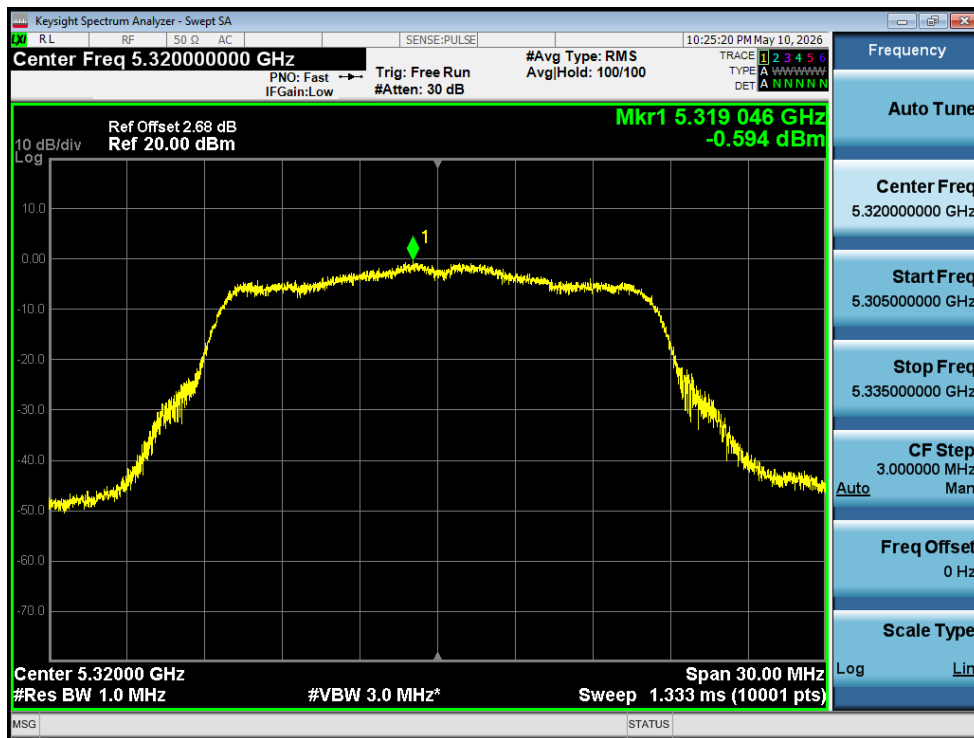
Note 1: Total PSD=Conducted PSD + Duty factor



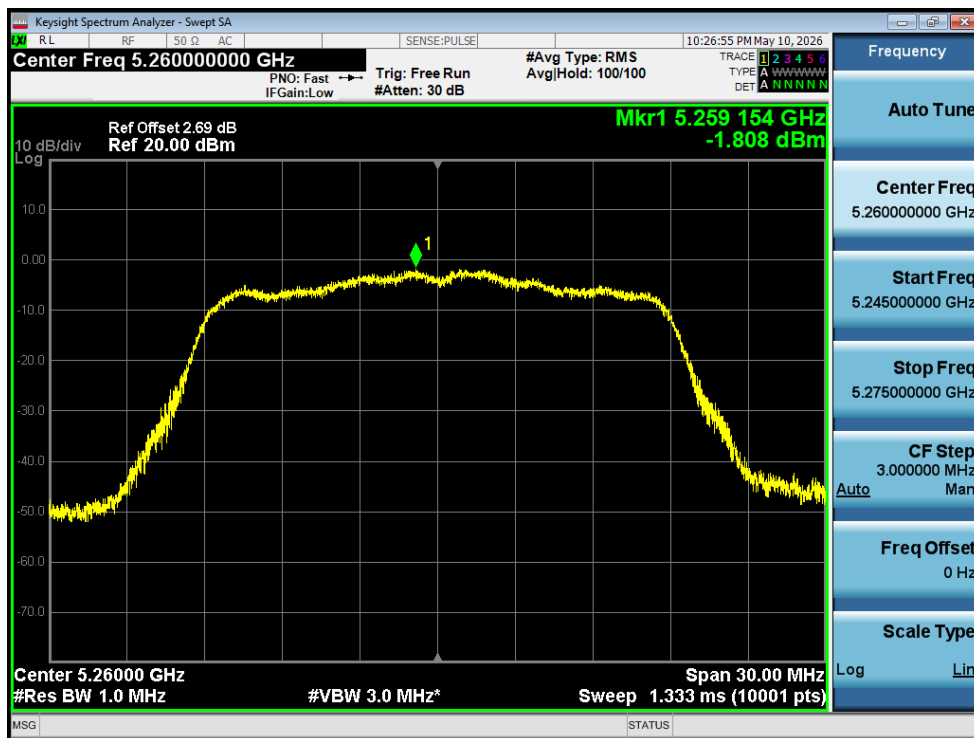
PSD NVNT a 5260MHz Ant1



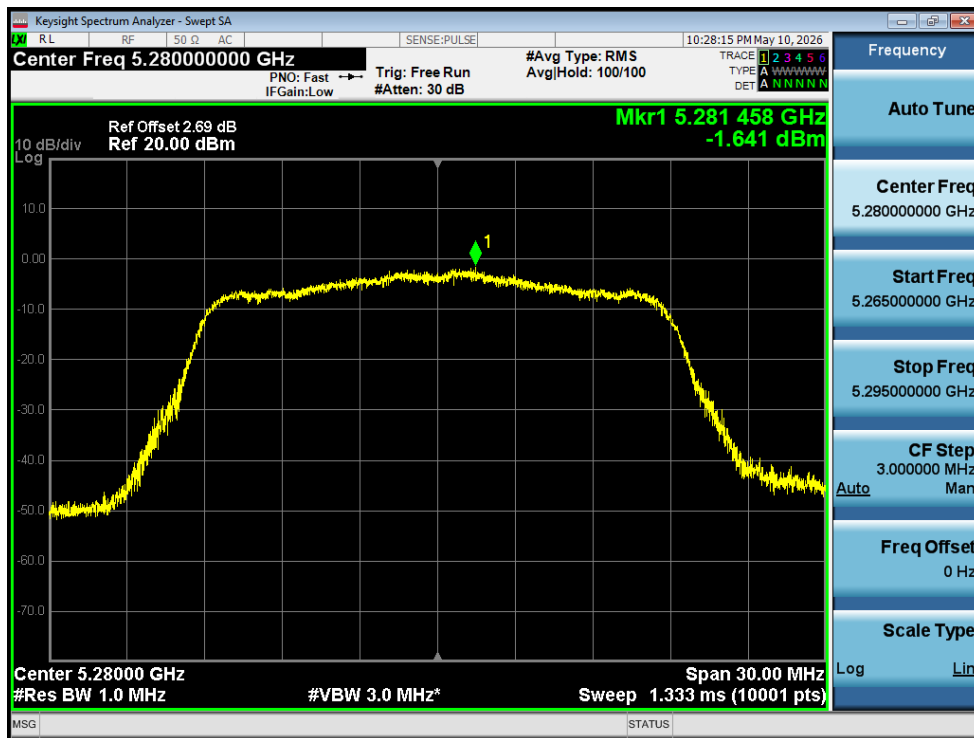
PSD NVNT a 5280MHz Ant1



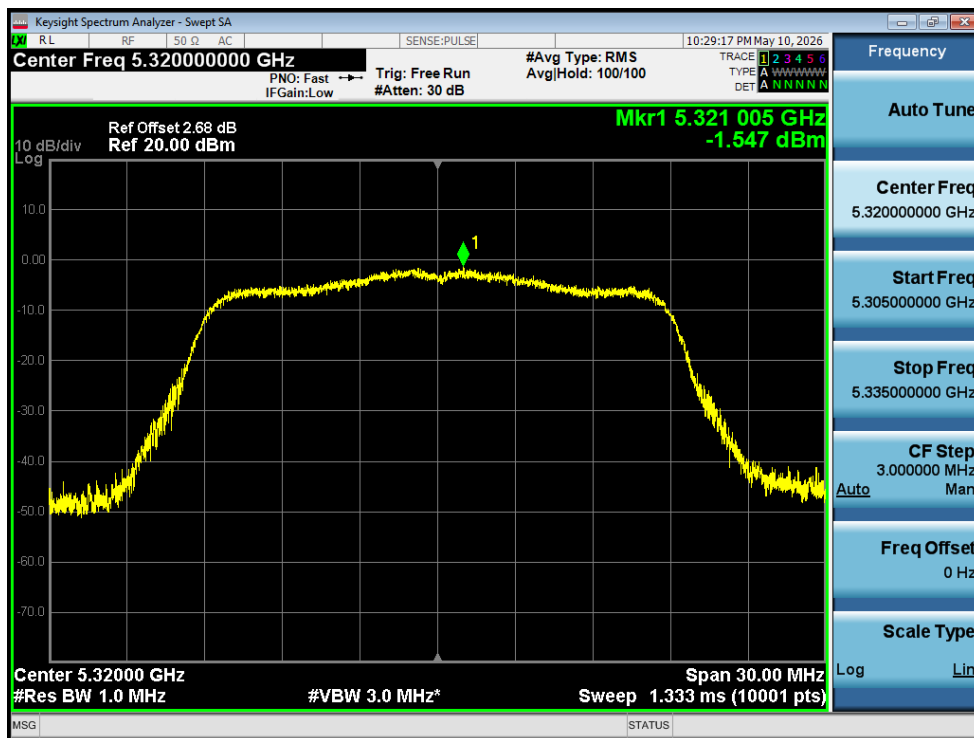
PSD NVNT a 5320MHz Ant1



PSD NVNT n20 5260MHz Ant1



PSD NVNT n20 5280MHz Ant1



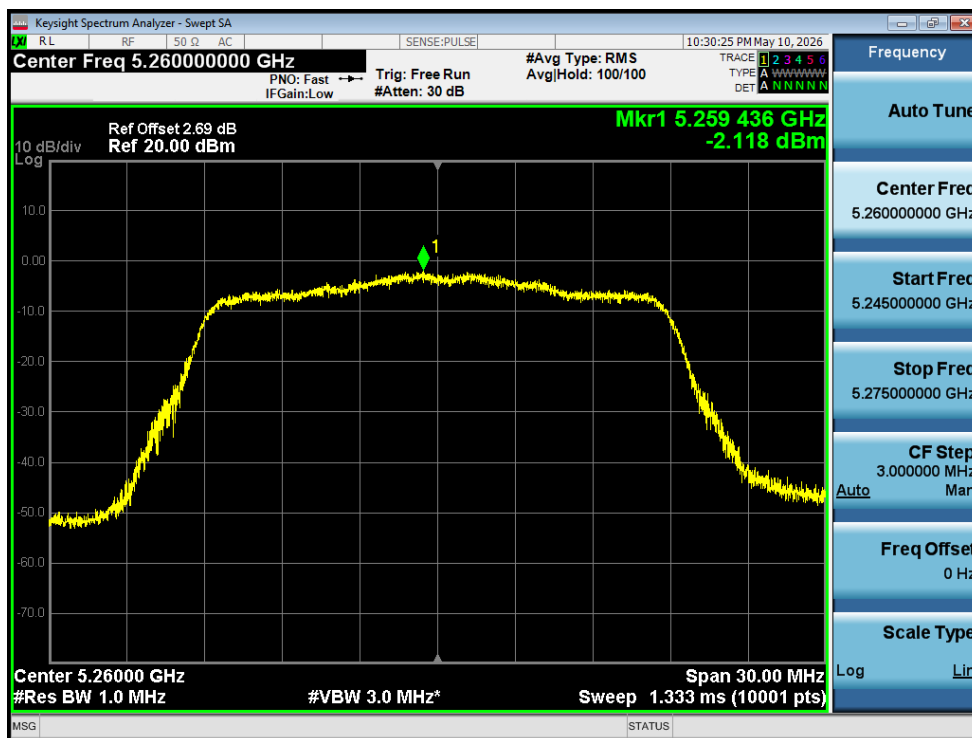
PSD NVNT n20 5320MHz Ant1



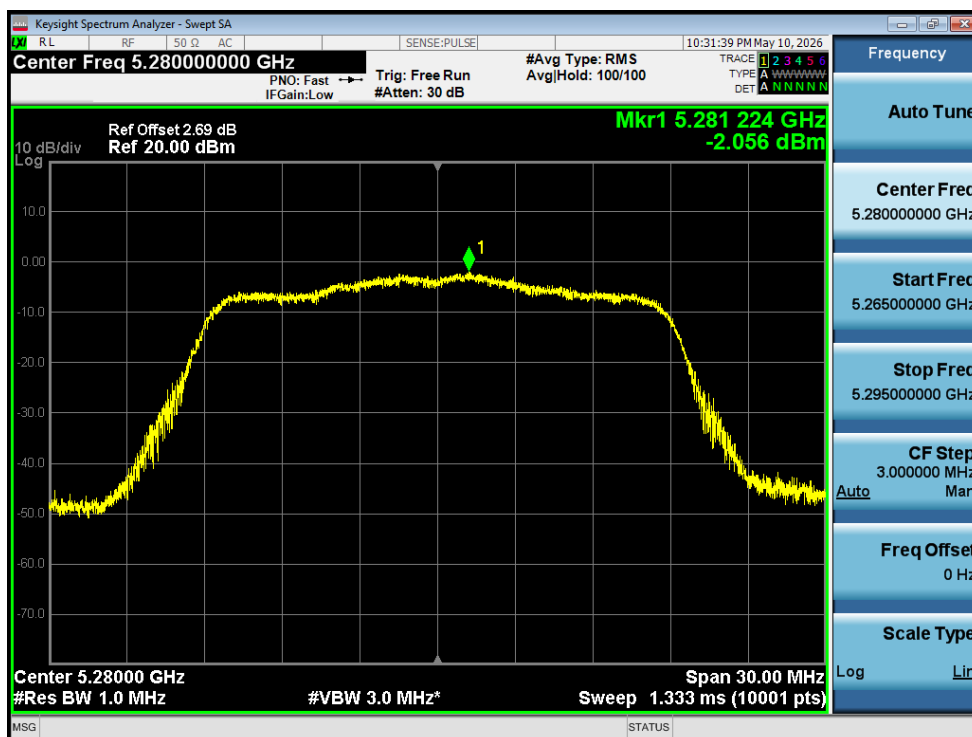
PSD NVNT n40 5270MHz Ant1



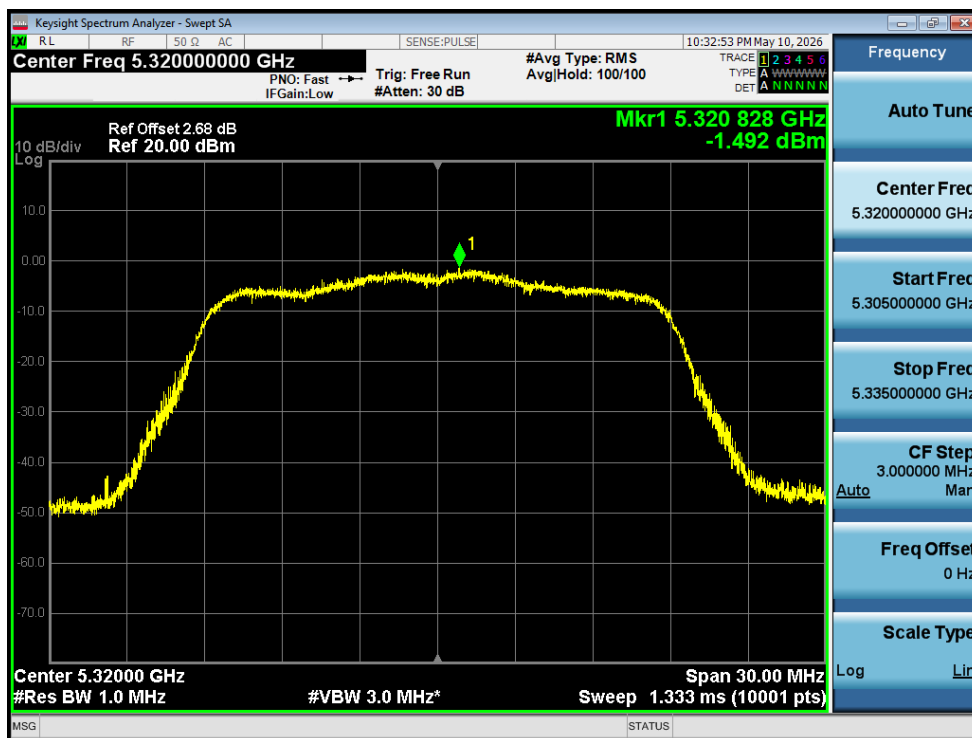
PSD NVNT n40 5310MHz Ant1



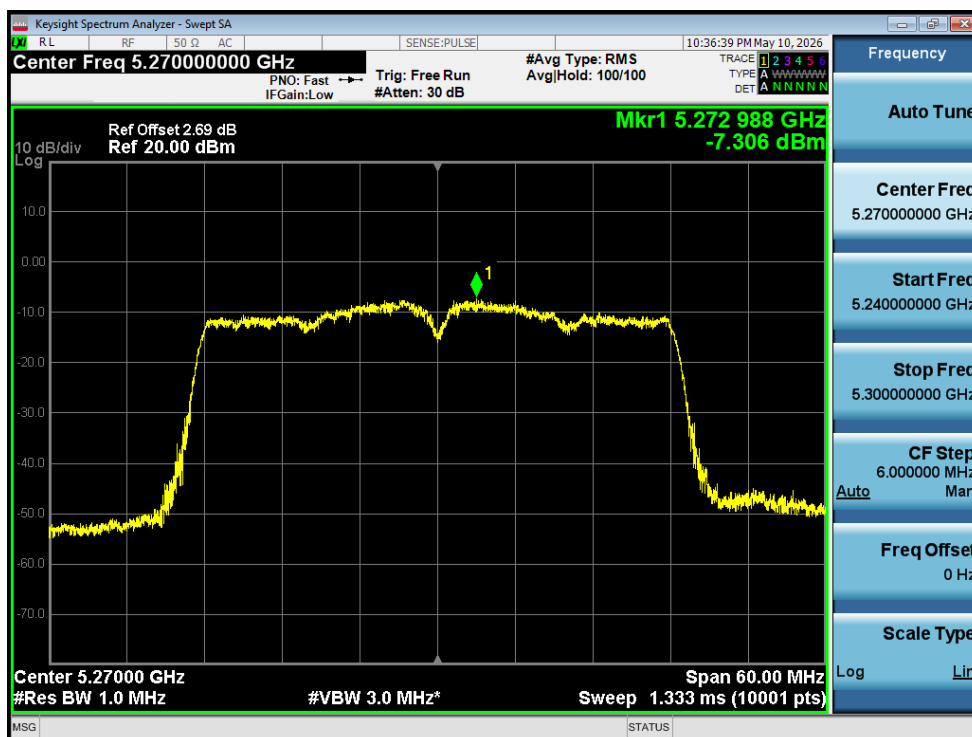
PSD NVNT ac20 5260MHz Ant1



PSD NVNT ac20 5280MHz Ant1



PSD NVNT ac20 5320MHz Ant1



PSD NVNT ac40 5270MHz Ant1



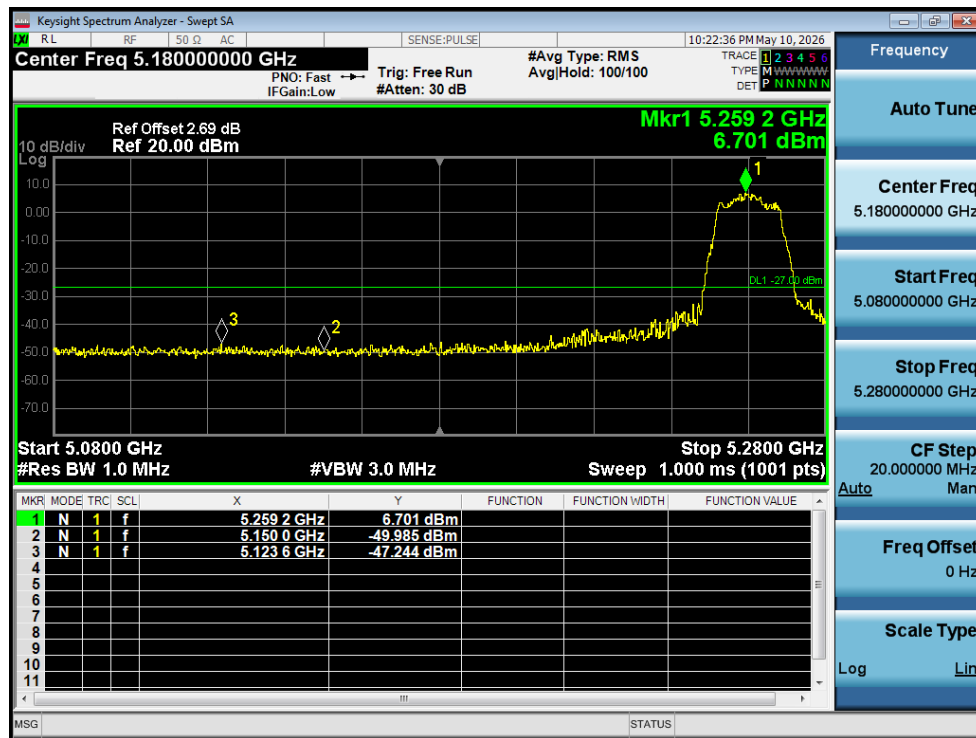
PSD NVNT ac40 5310MHz Ant1



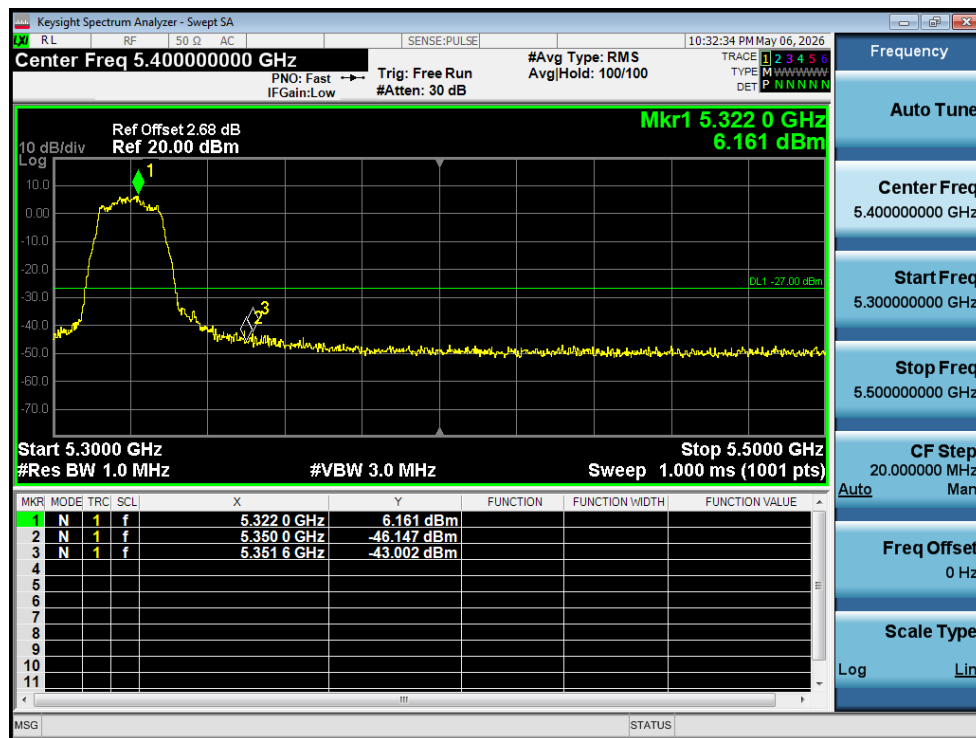
PSD NVNT ac80 5290MHz Ant1

6. Band Edge

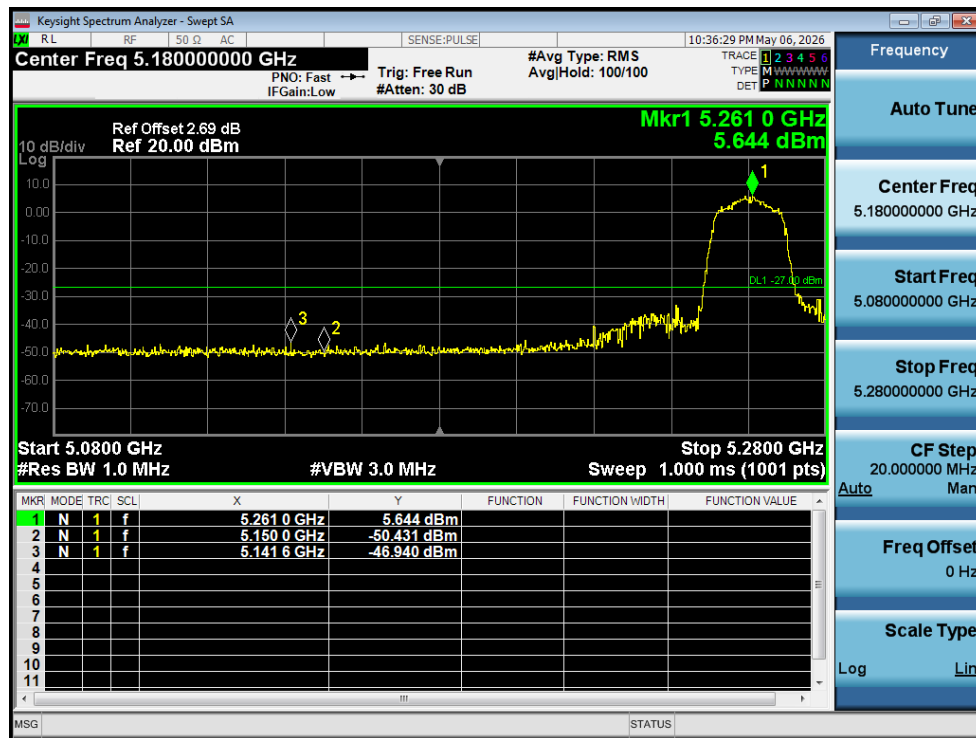
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-47.24	-27	Pass
NVNT	a	5320	Ant1	-43	-27	Pass
NVNT	n20	5260	Ant1	-46.94	-27	Pass
NVNT	n20	5320	Ant1	-41.91	-27	Pass
NVNT	n40	5270	Ant1	-46.94	-27	Pass
NVNT	n40	5310	Ant1	-36.63	-27	Pass
NVNT	ac20	5260	Ant1	-46.26	-27	Pass
NVNT	ac20	5320	Ant1	-41.14	-27	Pass
NVNT	ac40	5270	Ant1	-46.95	-27	Pass
NVNT	ac40	5310	Ant1	-41	-27	Pass
NVNT	ac80	5290	Ant1	-38.54	-27	Pass



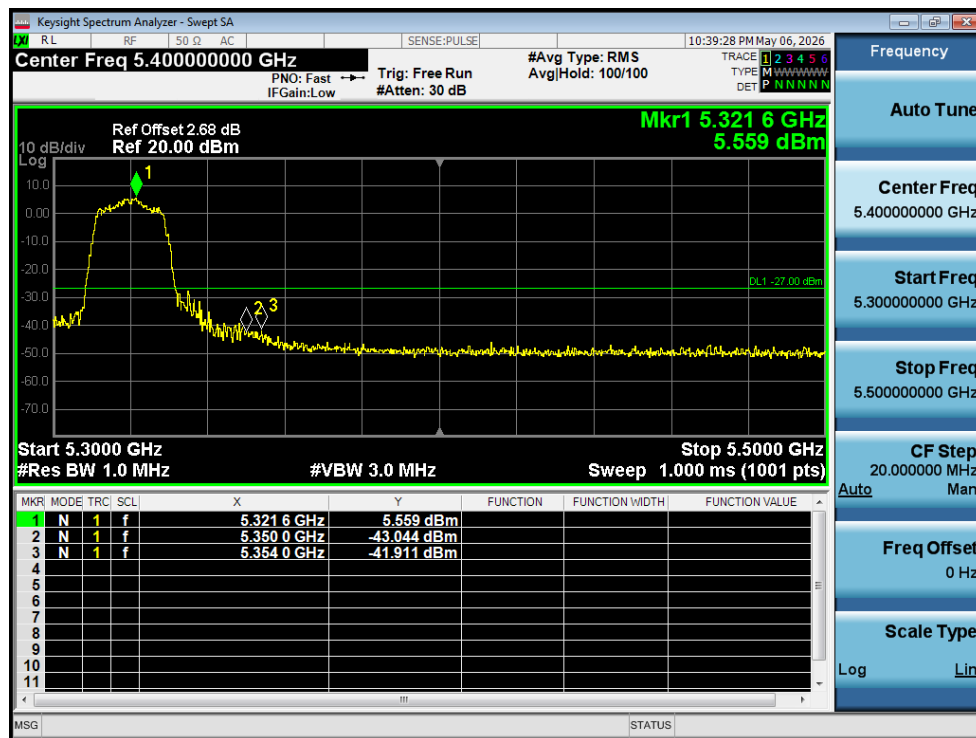
Band Edge NVNT a 5260MHz Low Ant1



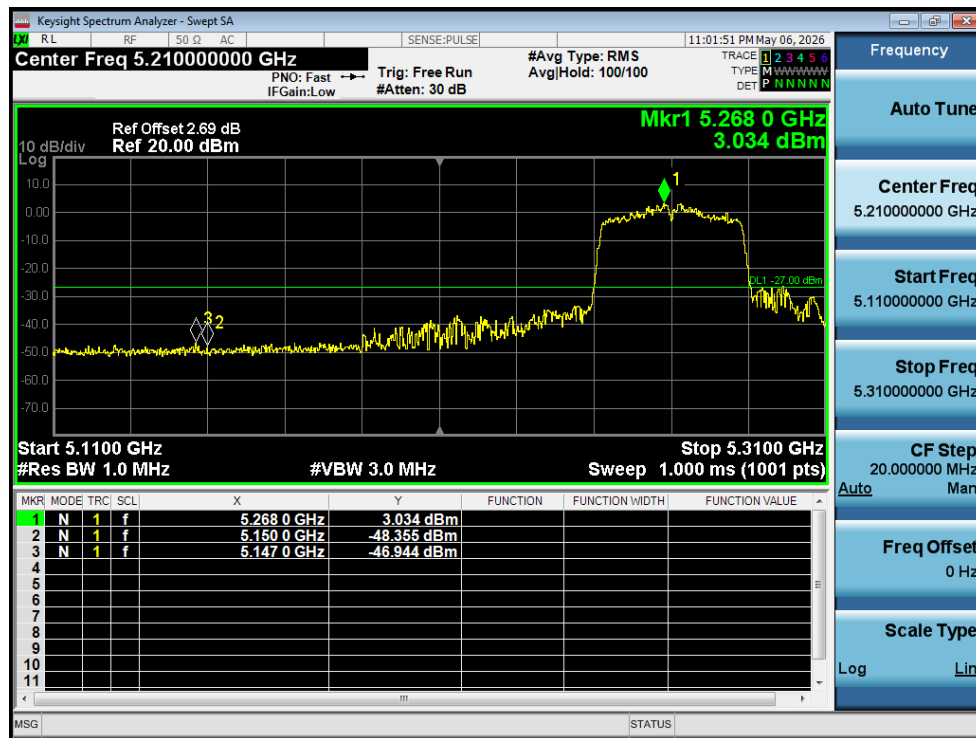
Band Edge NVNT a 5320MHz High Ant1



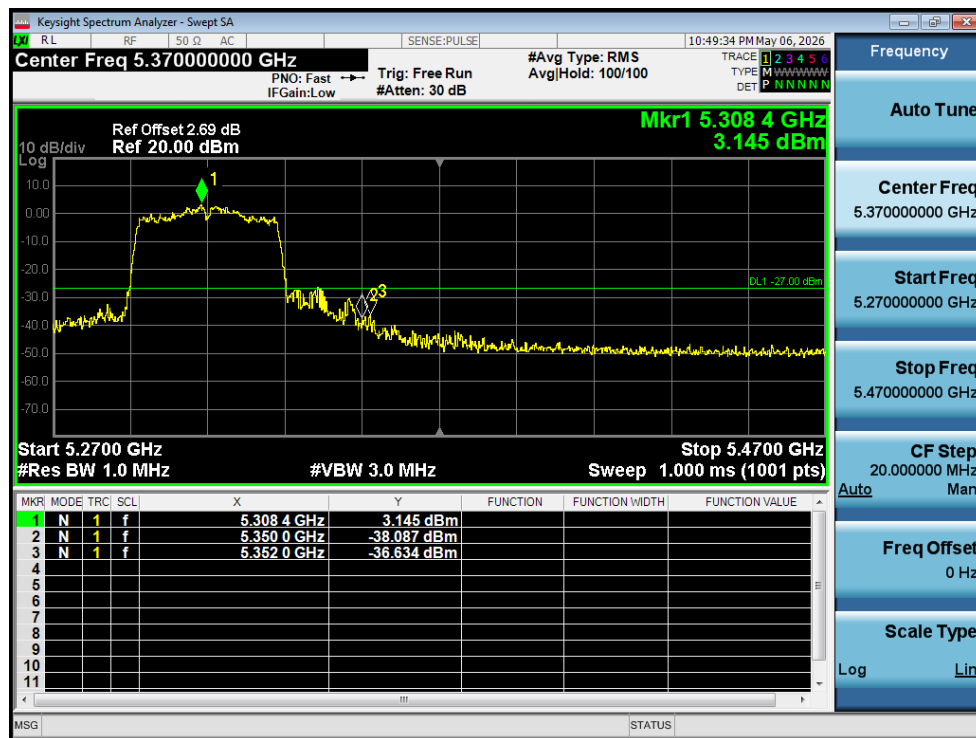
Band Edge NVNT n20 5260MHz Low Ant1



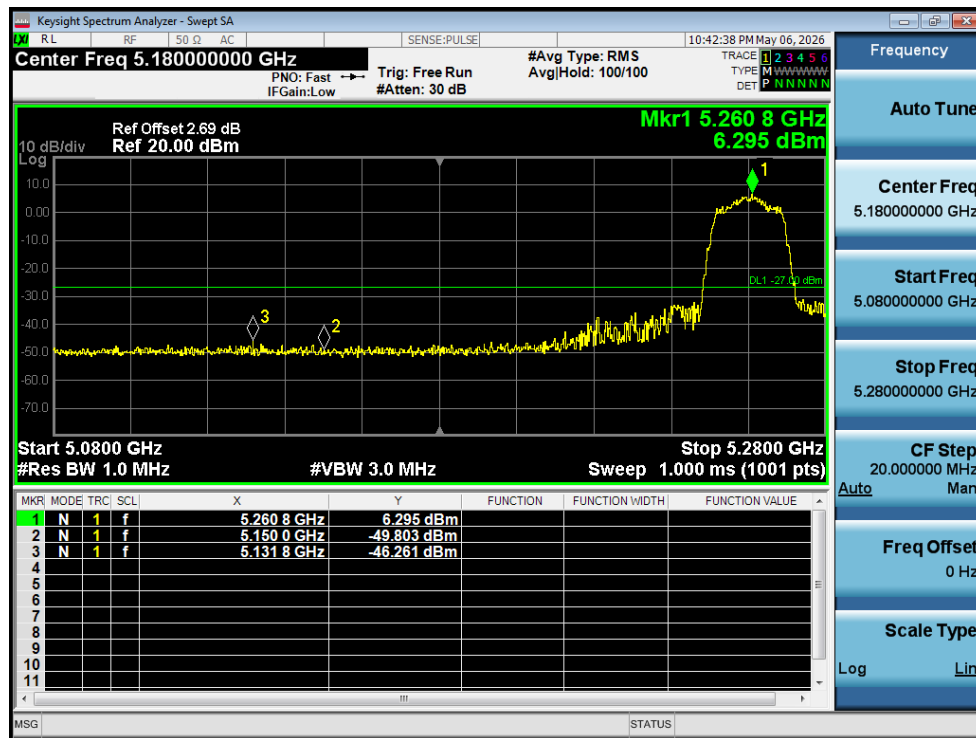
Band Edge NVNT n20 5320MHz High Ant1



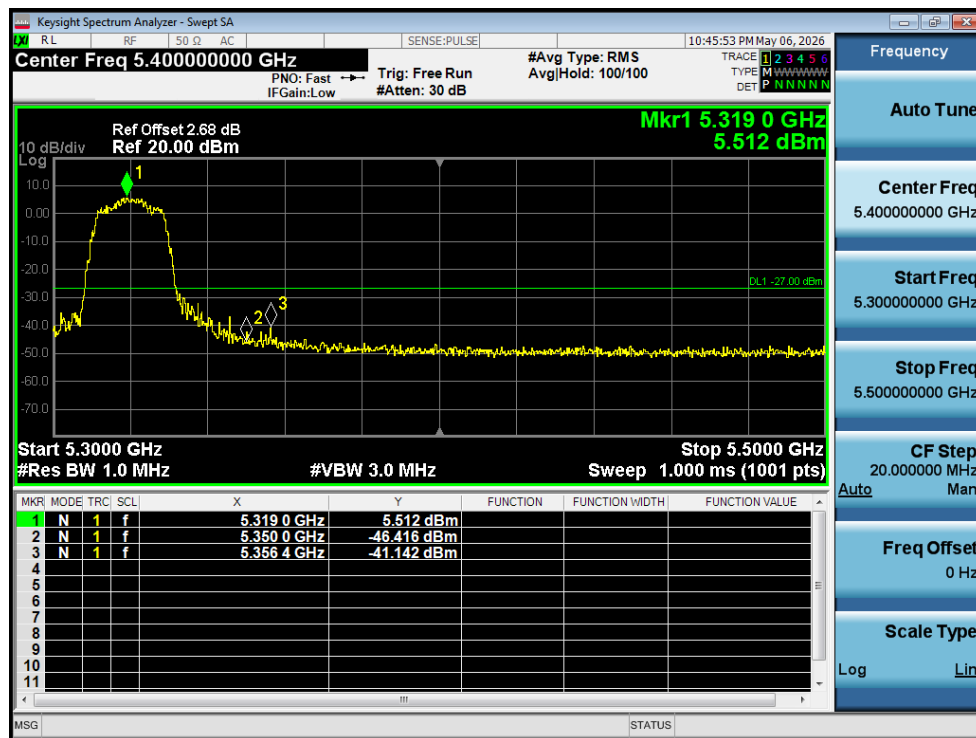
Band Edge NVNT n40 5270MHz Low Ant1



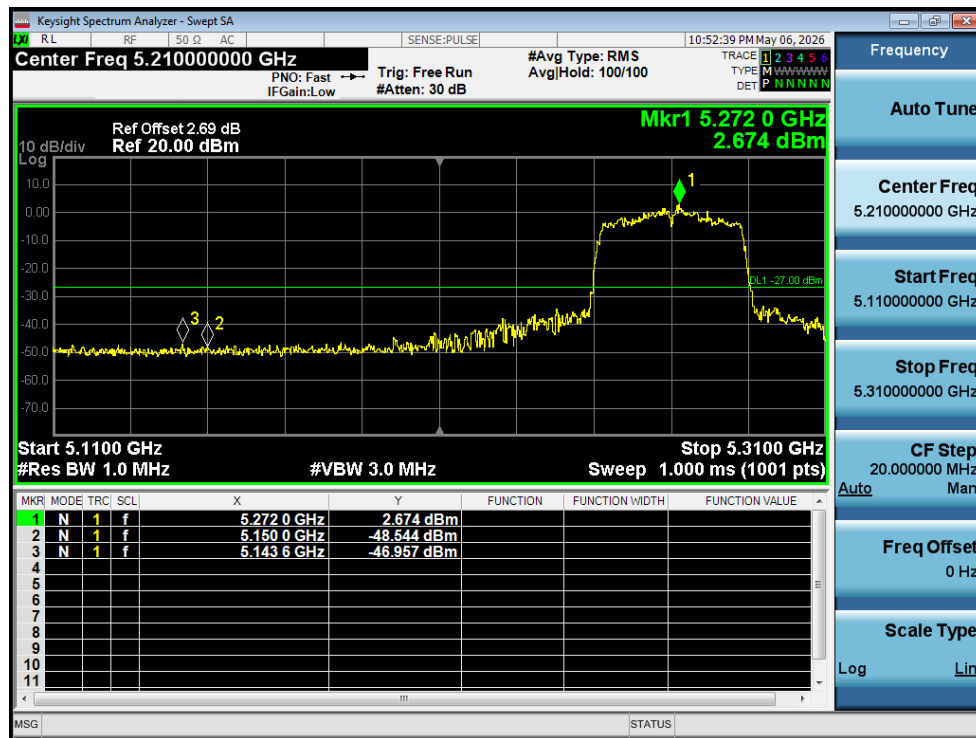
Band Edge NVNT n40 5310MHz High Ant1



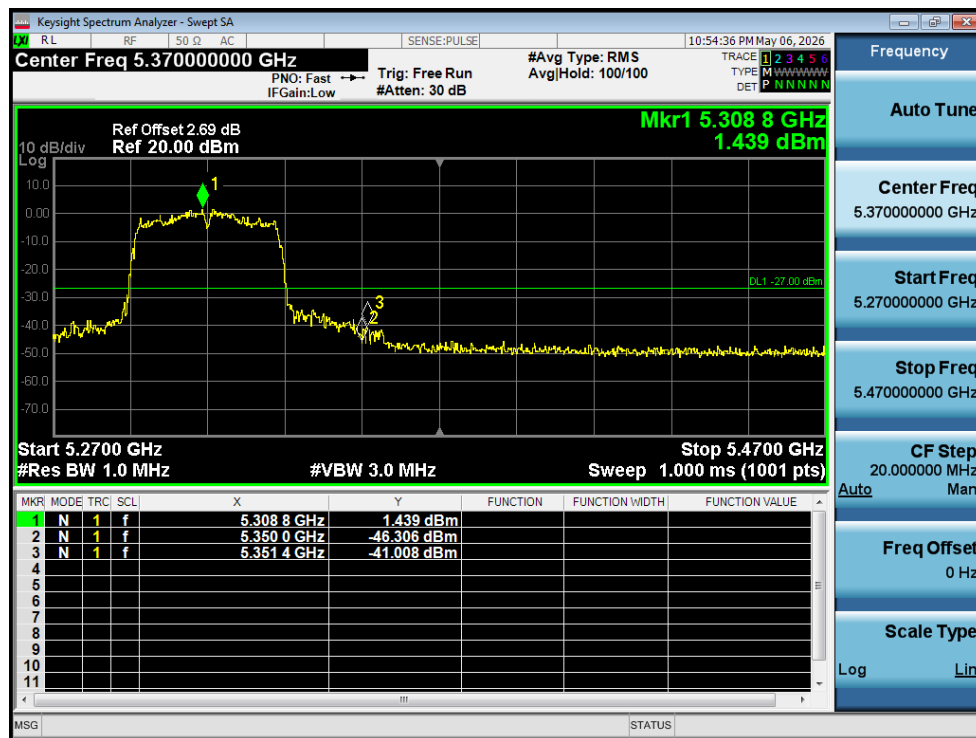
Band Edge NVNT ac20 5260MHz Low Ant1



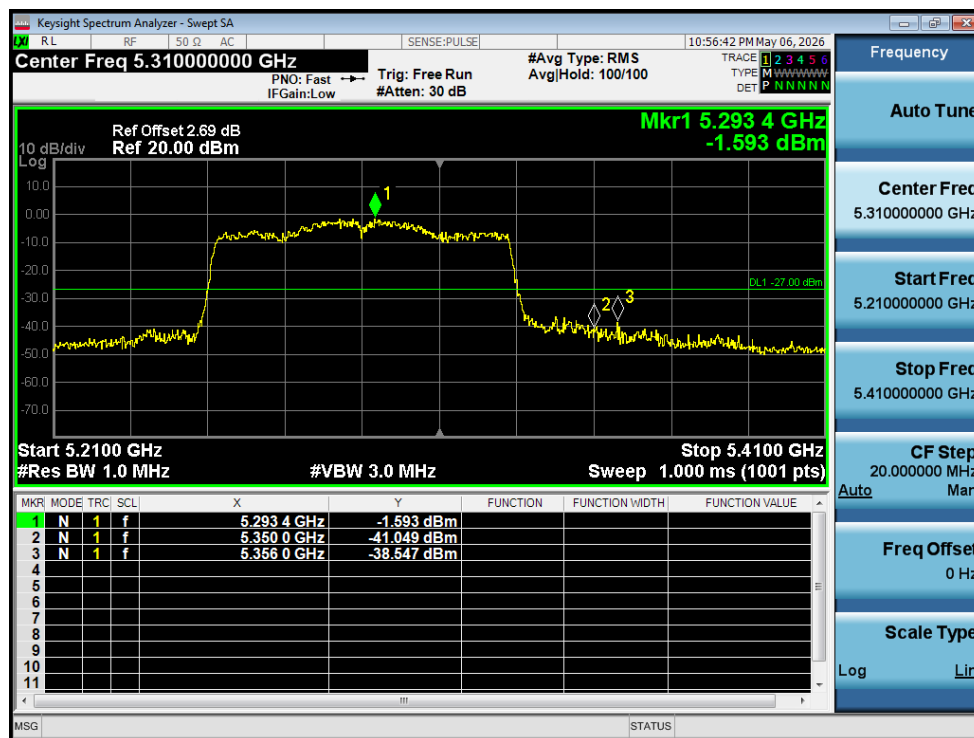
Band Edge NVNT ac20 5320MHz High Ant1



Band Edge NVNT ac40 5270MHz Low Ant1



Band Edge NVNT ac40 5310MHz High Ant1

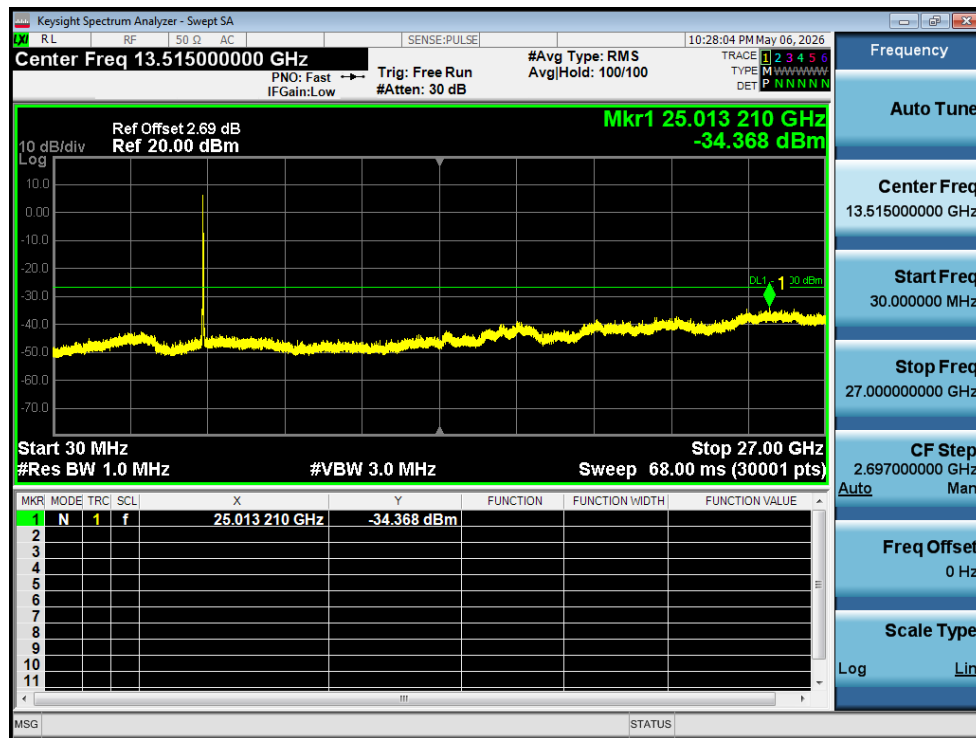


Band Edge NVNT ac80 5290MHz High Ant1

7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-34.36	-27	Pass
NVNT	a	5280	Ant1	-34.49	-27	Pass
NVNT	a	5320	Ant1	-34.89	-27	Pass
NVNT	n20	5260	Ant1	-34.53	-27	Pass
NVNT	n20	5280	Ant1	-34.35	-27	Pass
NVNT	n20	5320	Ant1	-34.45	-27	Pass
NVNT	n40	5270	Ant1	-34.2	-27	Pass
NVNT	n40	5310	Ant1	-34.31	-27	Pass
NVNT	ac20	5260	Ant1	-34.47	-27	Pass
NVNT	ac20	5280	Ant1	-34.71	-27	Pass
NVNT	ac20	5320	Ant1	-34.05	-27	Pass
NVNT	ac40	5270	Ant1	-34.06	-27	Pass
NVNT	ac40	5310	Ant1	-33.55	-27	Pass
NVNT	ac80	5290	Ant1	-33.89	-27	Pass

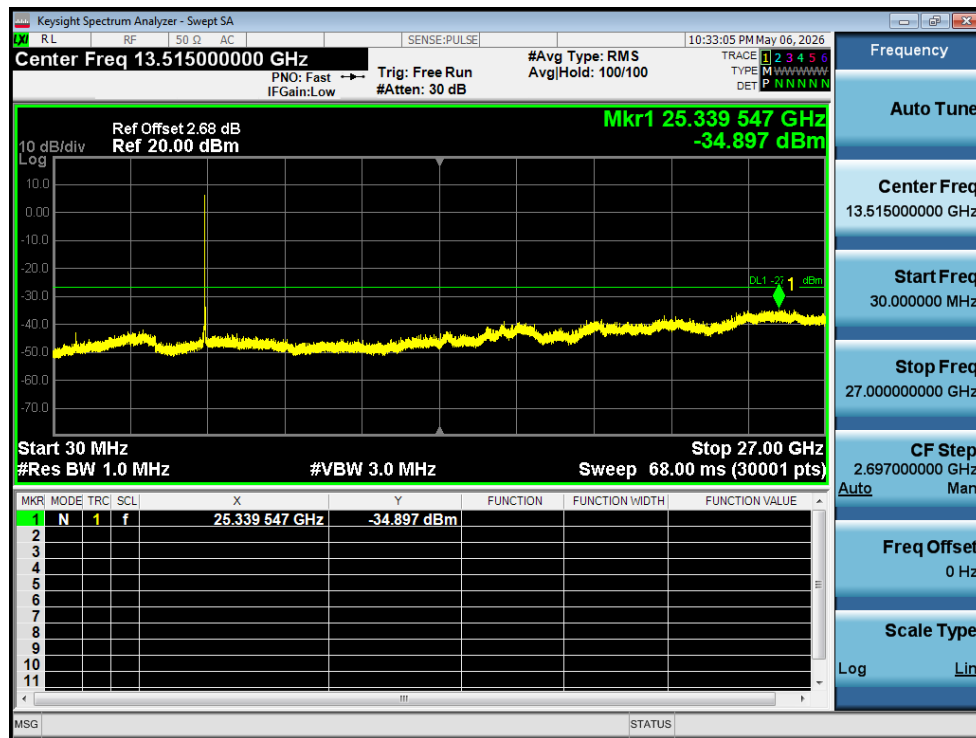
Note: Testing is carried out with frequency rang 30MHz to the 40GHz, above 27GHz not recorded for no spurious point have a margin of less than 20dB with respect to the limits.



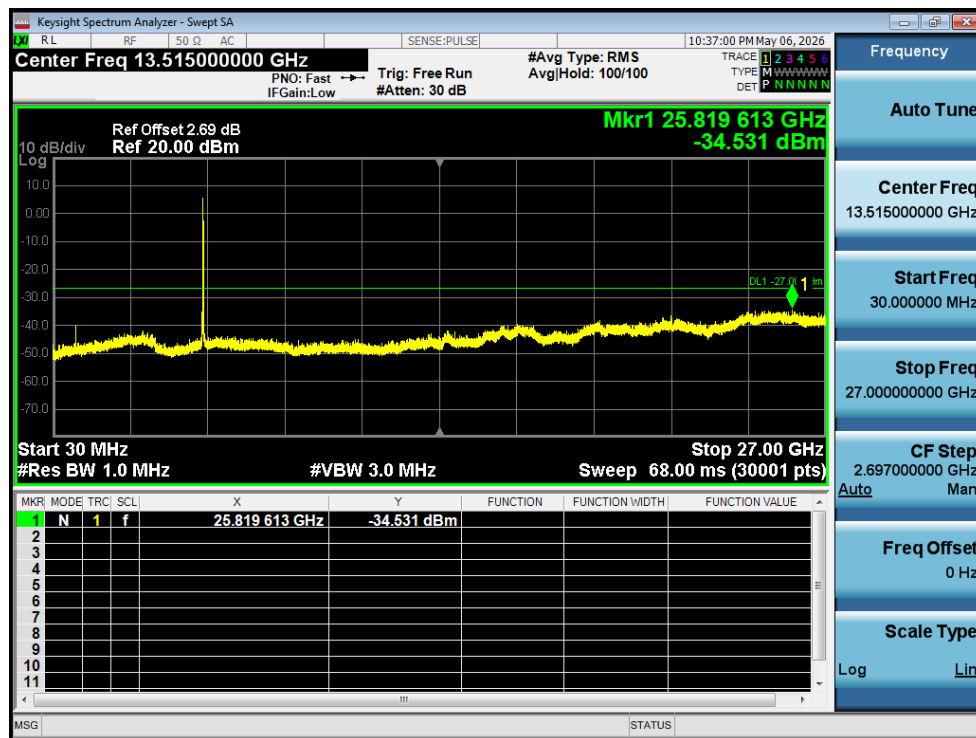
Tx. Spurious NVNT a 5260MHz Ant1 Emission



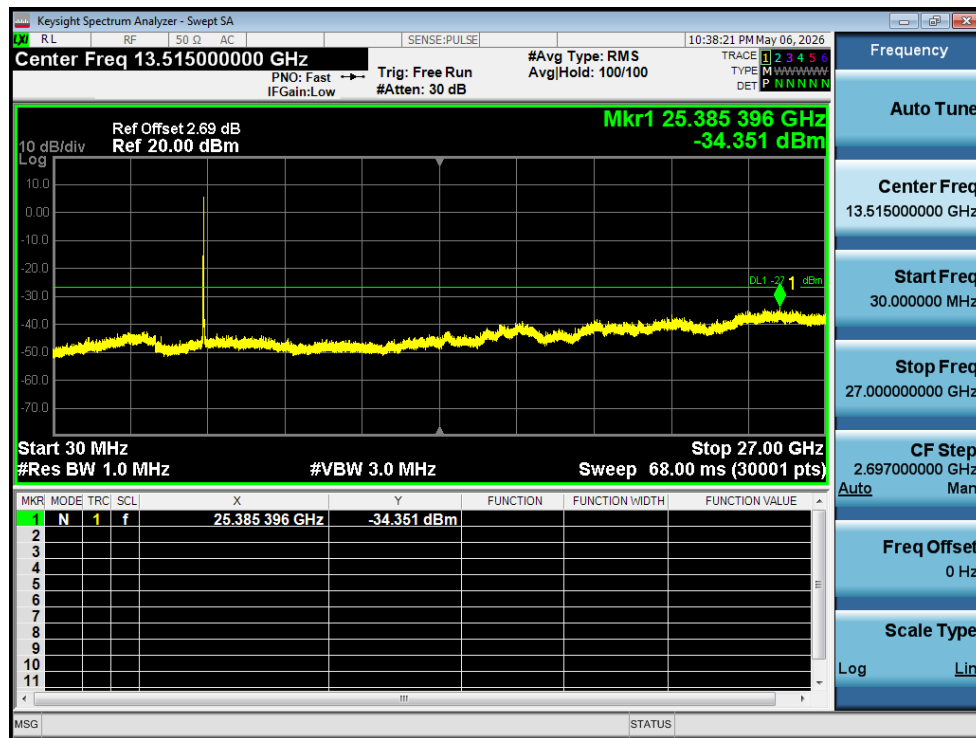
Tx. Spurious NVNT a 5280MHz Ant1 Emission



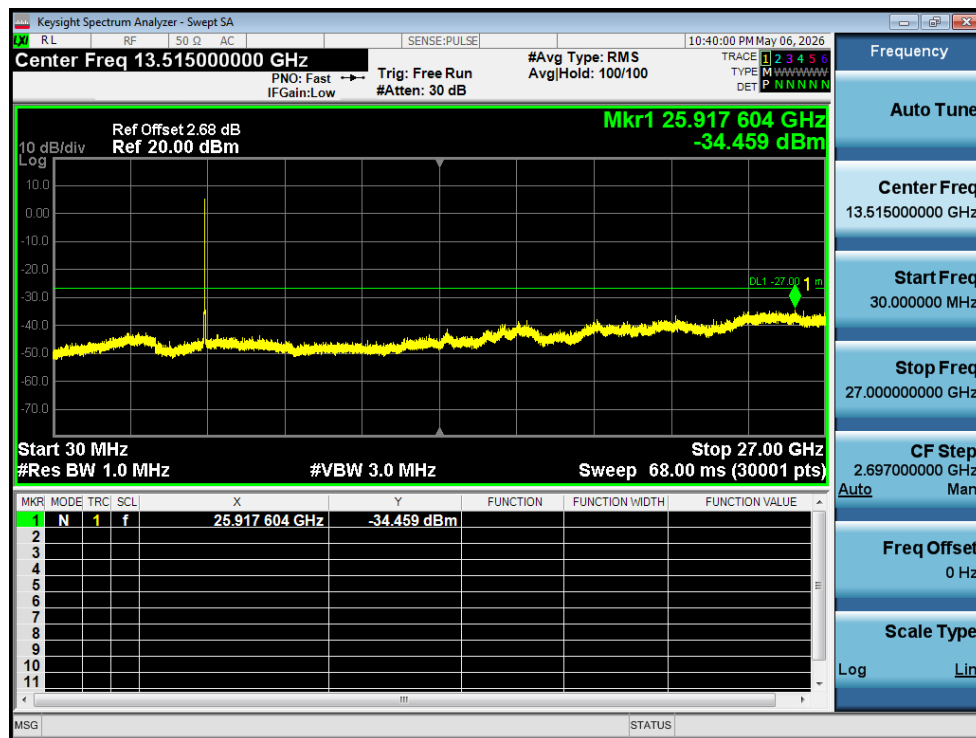
Tx. Spurious NVNT a 5320MHz Ant1 Emission



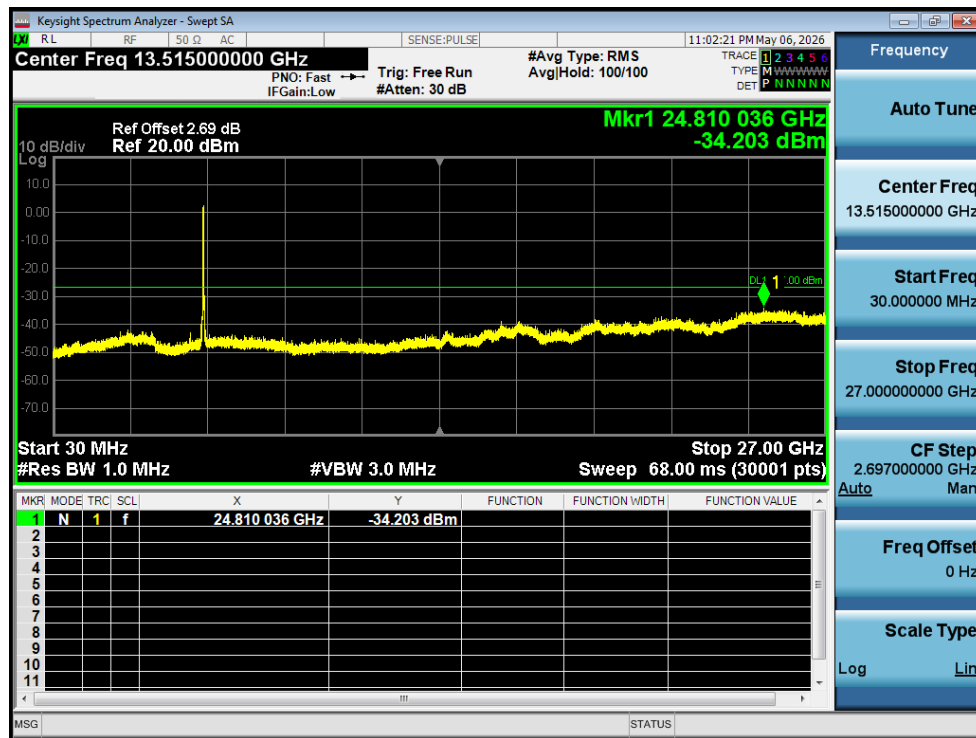
Tx. Spurious NVNT n20 5260MHz Ant1 Emission



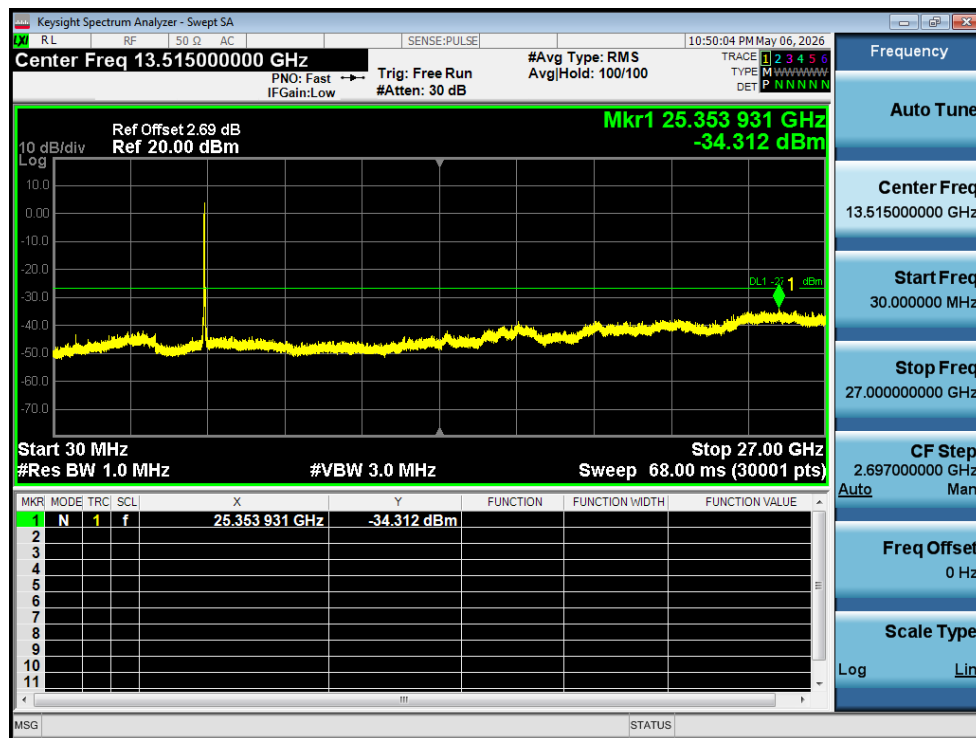
Tx. Spurious NVNT n20 5280MHz Ant1 Emission



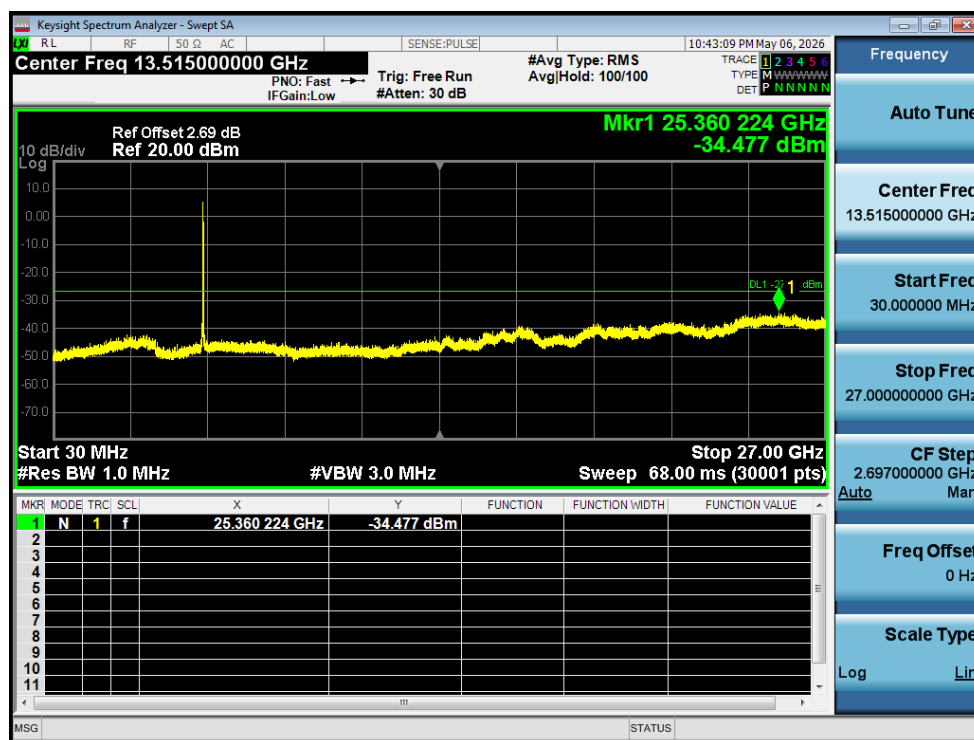
Tx. Spurious NVNT n20 5320MHz Ant1 Emission



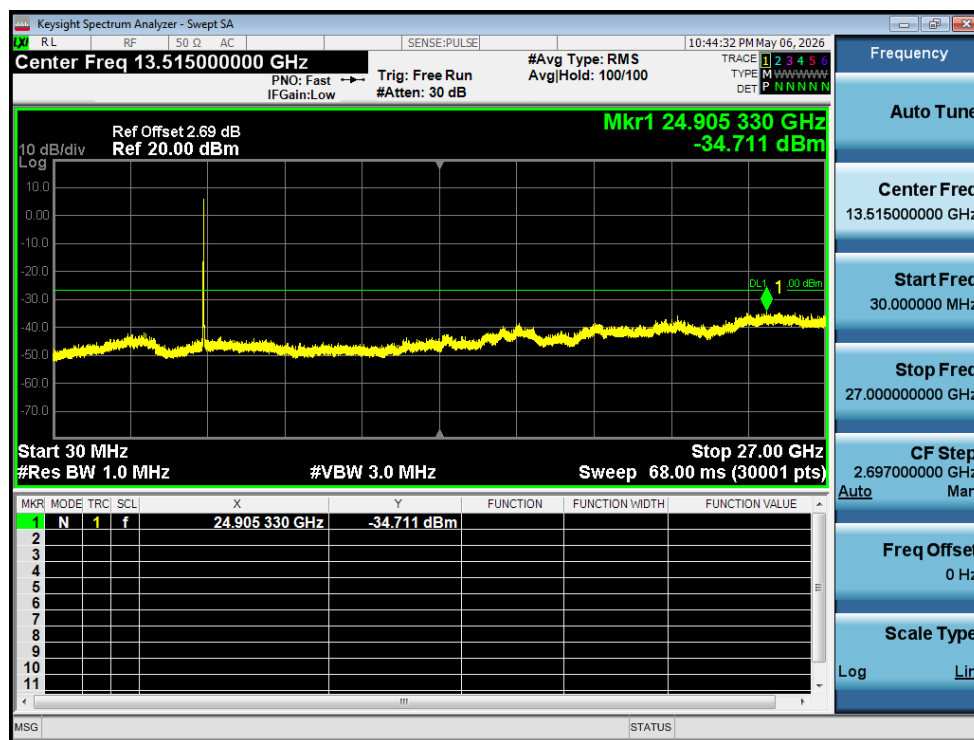
Tx. Spurious NVNT n40 5270MHz Ant1 Emission



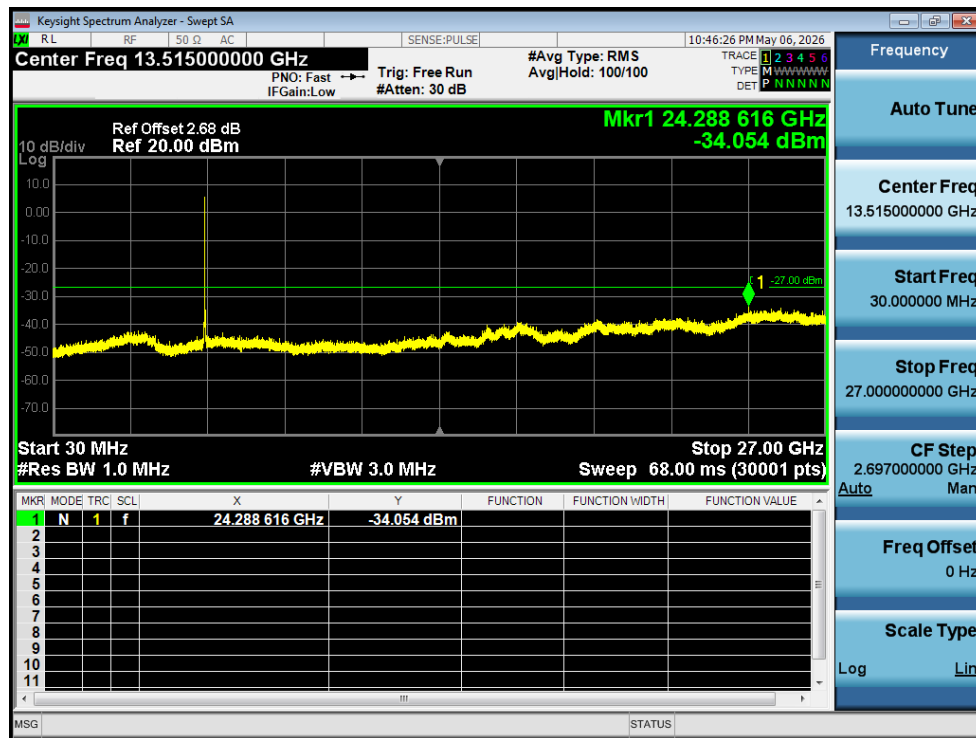
Tx. Spurious NVNT n40 5310MHz Ant1 Emission



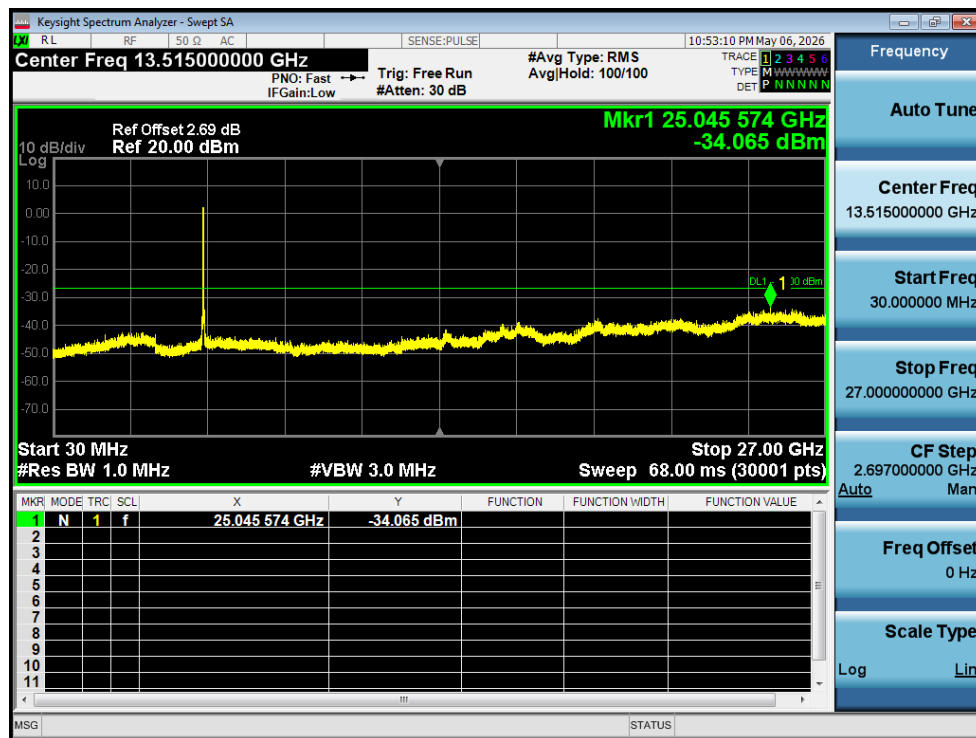
Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



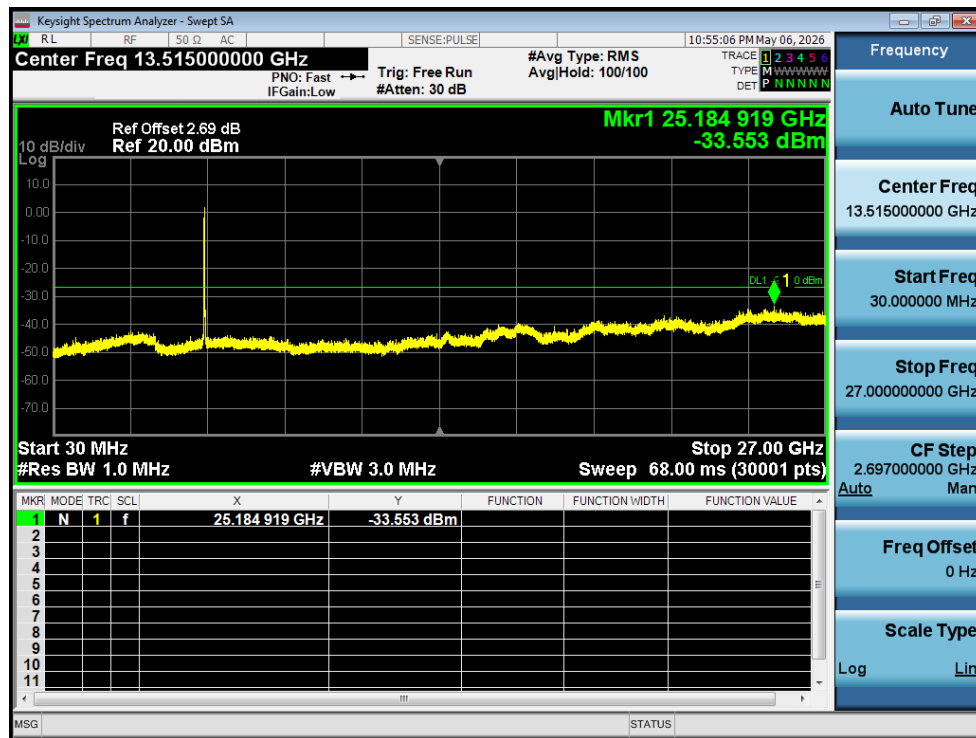
Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



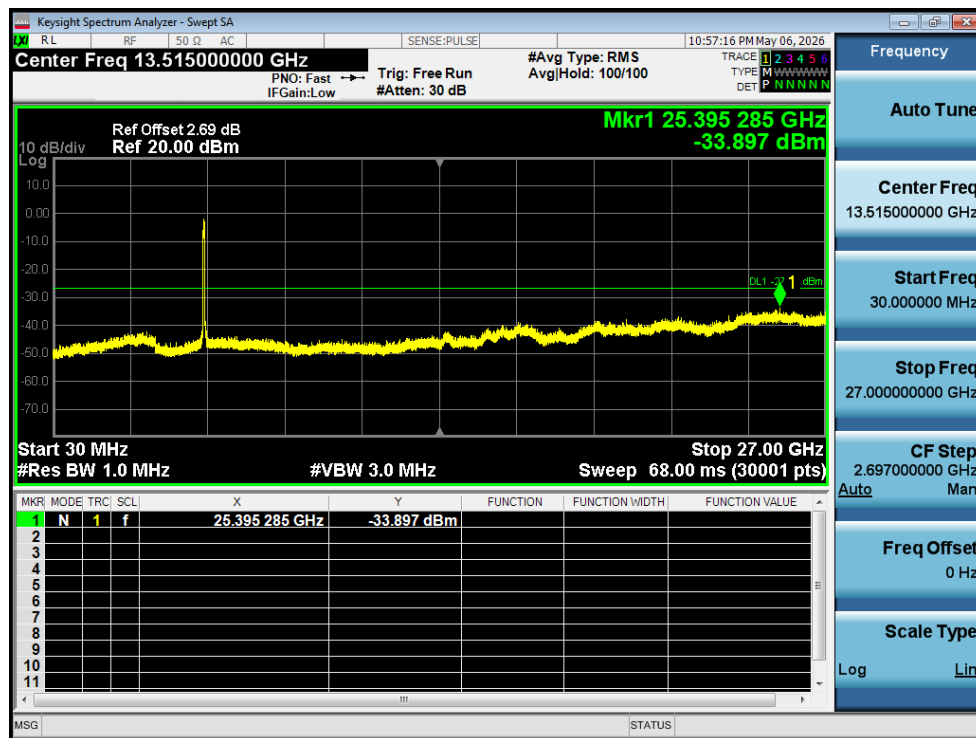
Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



Tx. Spurious NVNT ac40 5310MHz Ant1 Emission



Tx. Spurious NVNT ac80 5290MHz Ant1 Emission