

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	0.22	0.14	0.36	11	Pass
NVNT	a	5280	Ant1	0.7	0.14	0.84	11	Pass
NVNT	a	5320	Ant1	0.88	0.13	1.01	11	Pass
NVNT	a	5260	Ant2	1.91	0.13	2.04	11	Pass
NVNT	a	5280	Ant2	1.72	0.13	1.85	11	Pass
NVNT	a	5320	Ant2	1.27	0.13	1.4	11	Pass
NVNT	n20	5260	Ant1	-0.18	0.15	-0.03	11	Pass
NVNT	n20	5280	Ant1	-0.24	0.14	-0.1	11	Pass
NVNT	n20	5320	Ant1	-0.17	0.15	-0.02	11	Pass
NVNT	n20	5260	Ant2	0.42	0.14	0.56	11	Pass
NVNT	n20	5280	Ant2	0.67	0.14	0.81	11	Pass
NVNT	n20	5320	Ant2	0.21	0.15	0.36	11	Pass
NVNT	n20	5260	MIMO	-	-	3.29	11	Pass
NVNT	n20	5280	MIMO	-	-	3.39	11	Pass
NVNT	n20	5320	MIMO	-	-	3.18	11	Pass
NVNT	n40	5270	Ant1	-3.56	0.29	-3.27	11	Pass
NVNT	n40	5310	Ant1	-3.3	0.29	-3.01	11	Pass
NVNT	n40	5270	Ant2	-2.12	0.28	-1.84	11	Pass
NVNT	n40	5310	Ant2	-2.62	0.29	-2.33	11	Pass
NVNT	n40	5270	MIMO	-	-	0.51	11	Pass
NVNT	n40	5310	MIMO	-	-	0.35	11	Pass
NVNT	ac20	5260	Ant1	-0.33	0.15	-0.18	11	Pass
NVNT	ac20	5280	Ant1	-0.48	0.14	-0.34	11	Pass
NVNT	ac20	5320	Ant1	-0.24	0.15	-0.09	11	Pass
NVNT	ac20	5260	Ant2	0.67	0.15	0.82	11	Pass
NVNT	ac20	5280	Ant2	0.58	0.14	0.72	11	Pass
NVNT	ac20	5320	Ant2	0.14	0.14	0.28	11	Pass
NVNT	ac20	5260	MIMO	-	-	3.36	11	Pass
NVNT	ac20	5280	MIMO	-	-	3.23	11	Pass
NVNT	ac20	5320	MIMO	-	-	3.11	11	Pass
NVNT	ac40	5270	Ant1	-3.5	0.29	-3.21	11	Pass
NVNT	ac40	5310	Ant1	-3.18	0.29	-2.89	11	Pass
NVNT	ac40	5270	Ant2	-2.57	0.29	-2.28	11	Pass
NVNT	ac40	5310	Ant2	-2.72	0.29	-2.43	11	Pass
NVNT	ac40	5270	MIMO	-	-	0.29	11	Pass
NVNT	ac40	5310	MIMO	-	-	0.36	11	Pass
NVNT	ac80	5290	Ant1	-5.71	0.54	-5.17	11	Pass
NVNT	ac80	5290	Ant2	-5.09	0.55	-4.54	11	Pass

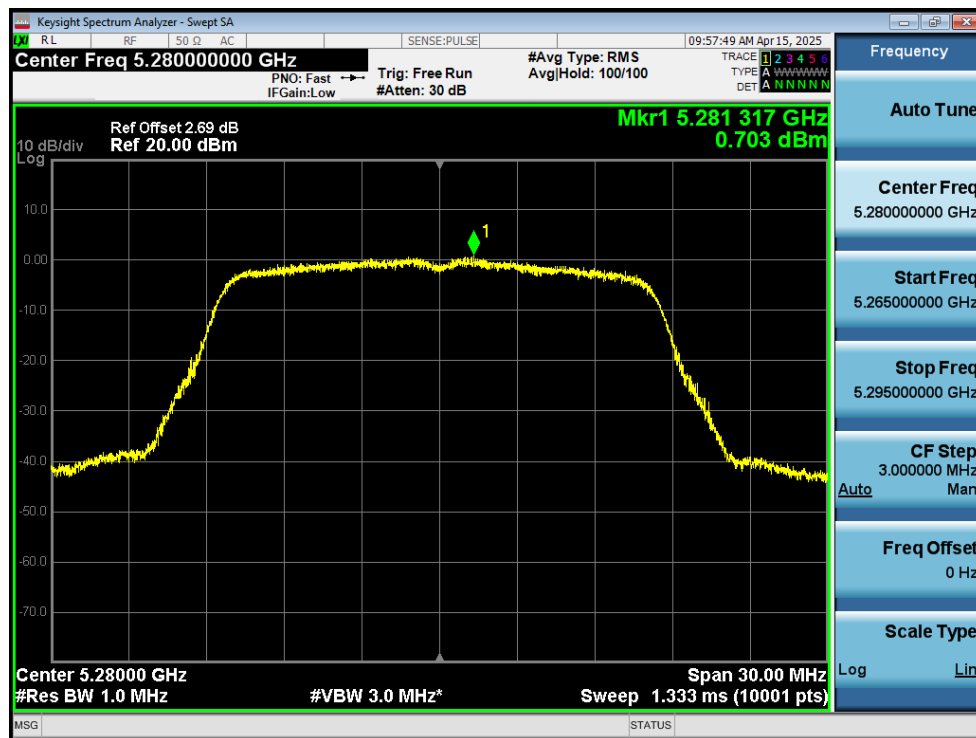
NVNT	ac80	5290	MIMO	-	-	-1.83	11	Pass
------	------	------	------	---	---	-------	----	------

Note 1: Total PSD=Conducted PSD + Duty factor; MIMO PSD=ANT1 PSD+ANT2 PSD

Note 2: Antenna Gain: ANT1: 2.34dBi, ANT2: 2.11dBi, Sum: 5.35dBi.



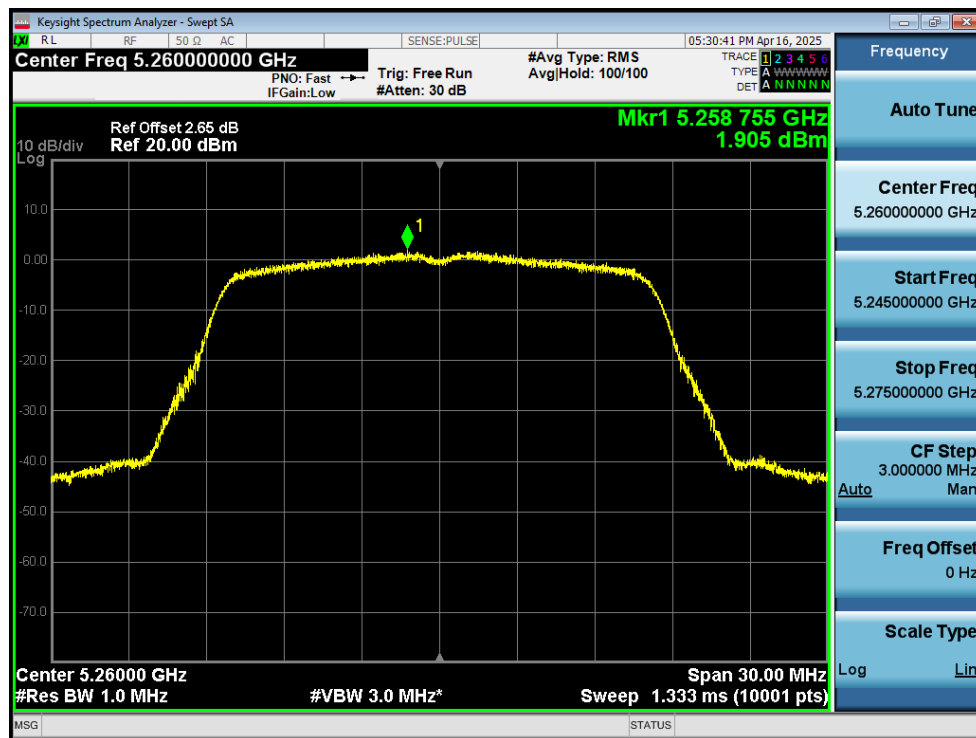
PSD NVNT a 5260MHz Ant1



PSD NVNT a 5280MHz Ant1



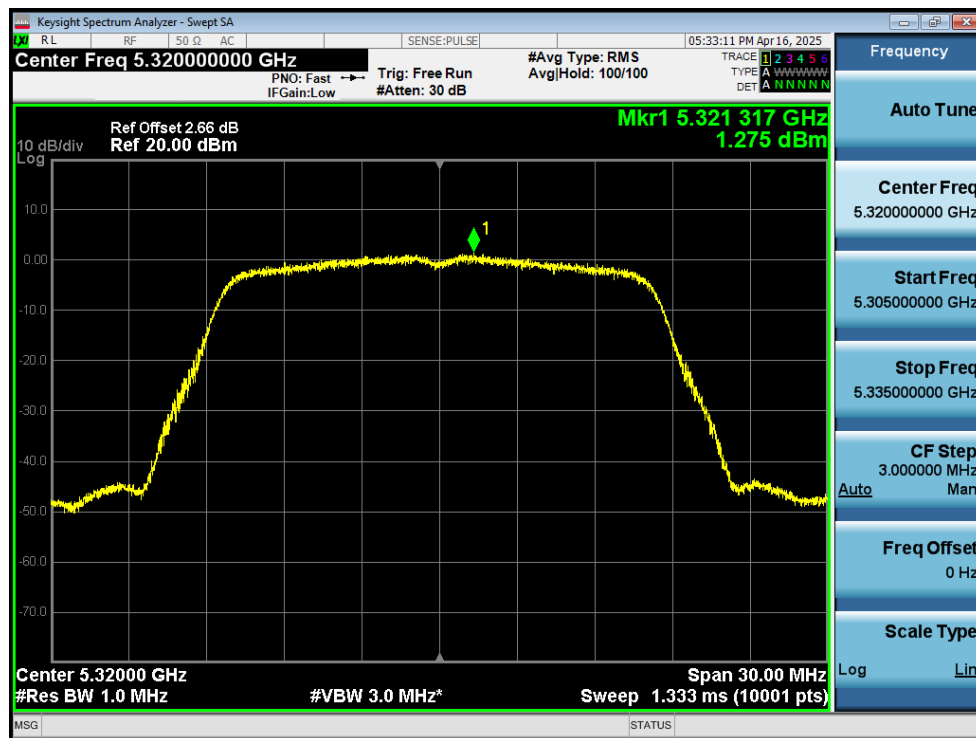
PSD NVNT a 5320MHz Ant1



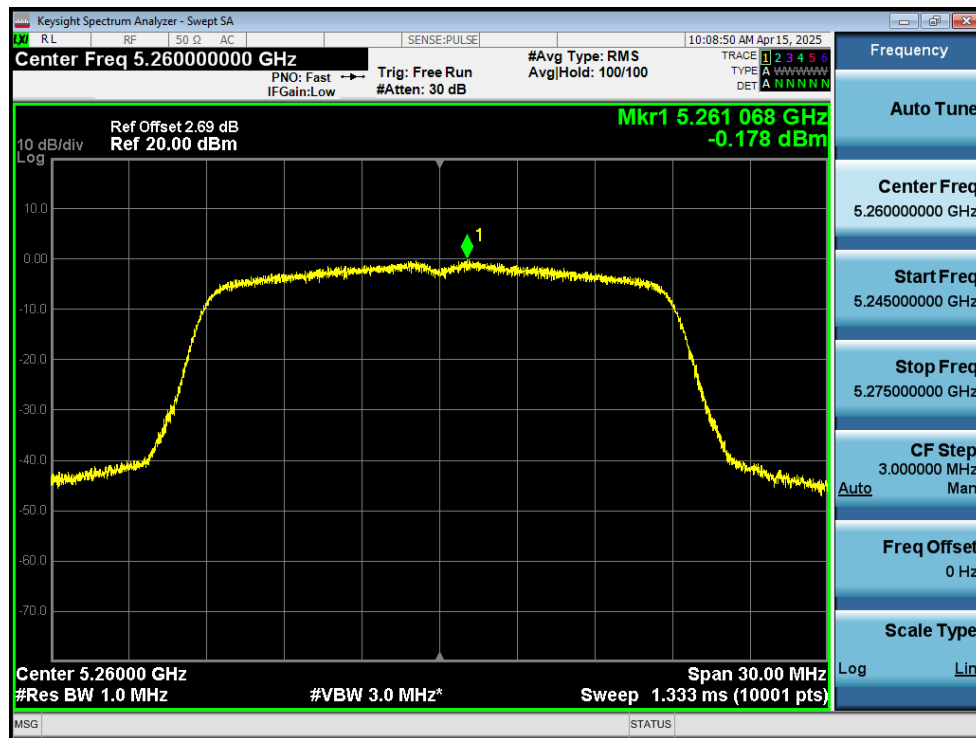
PSD NVNT a 5260MHz Ant2



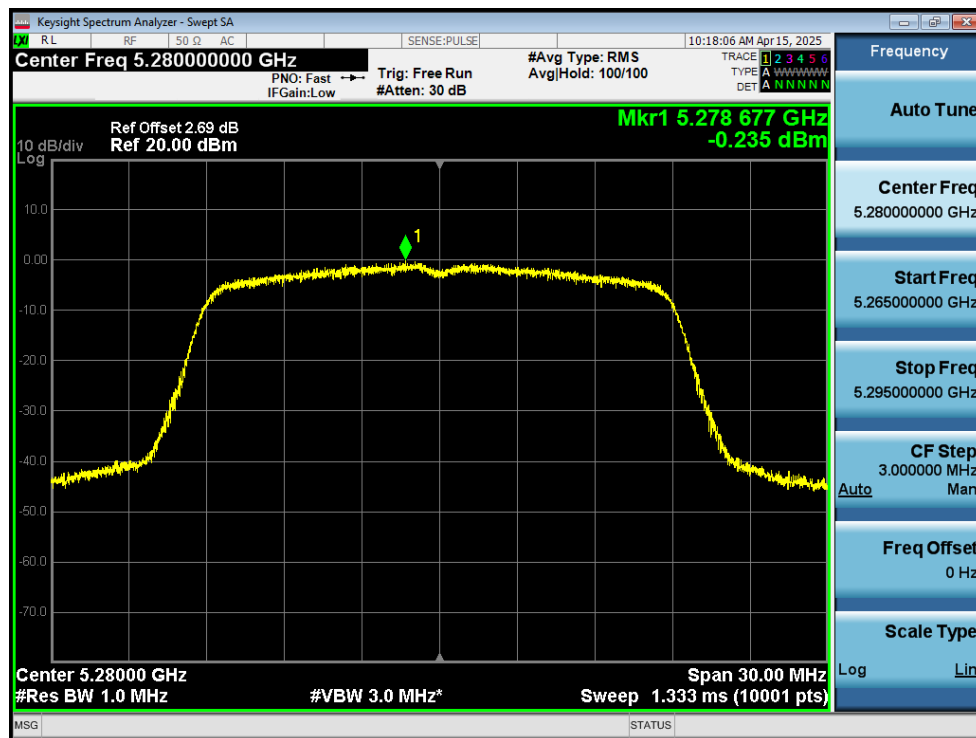
PSD NVNT a 5280MHz Ant2



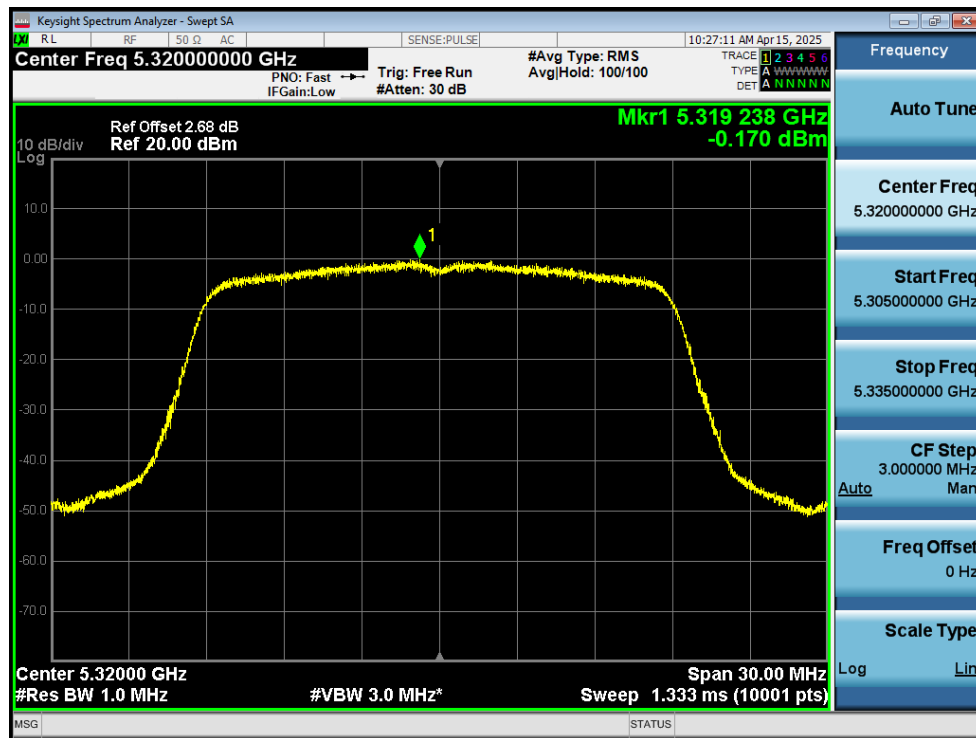
PSD NVNT a 5320MHz Ant2



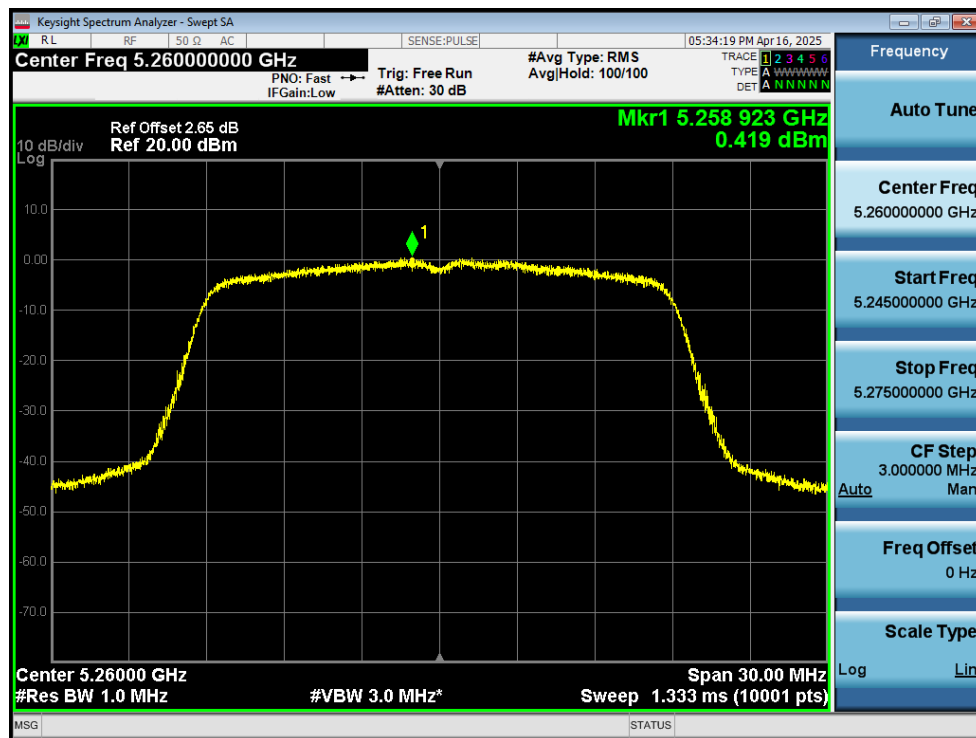
PSD NVNT n20 5260MHz Ant1



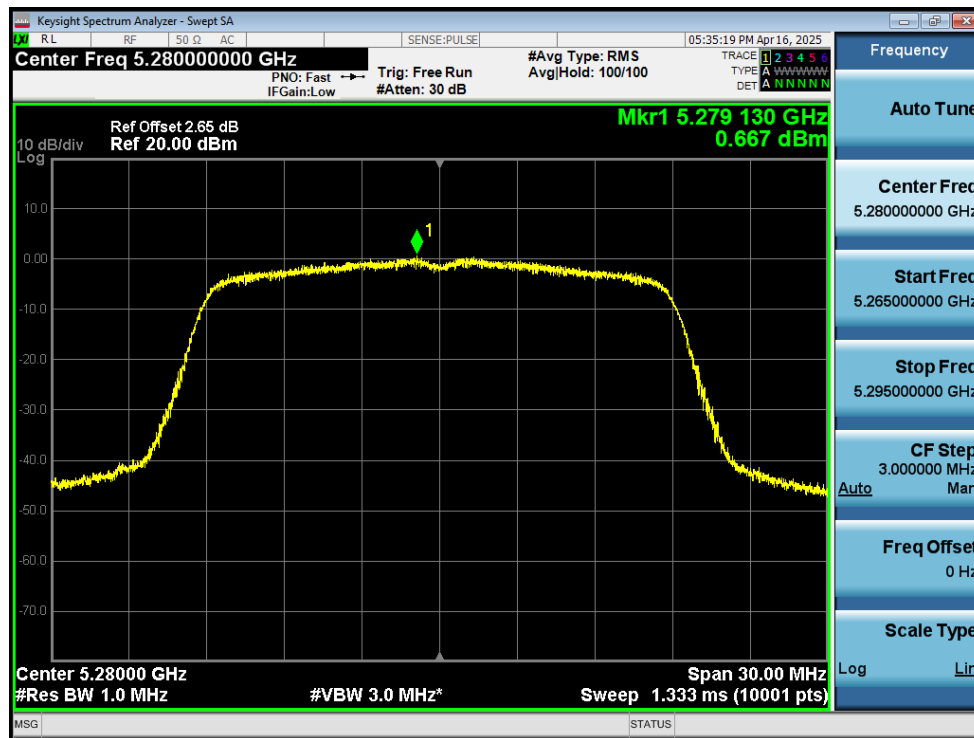
PSD NVNT n20 5280MHz Ant1



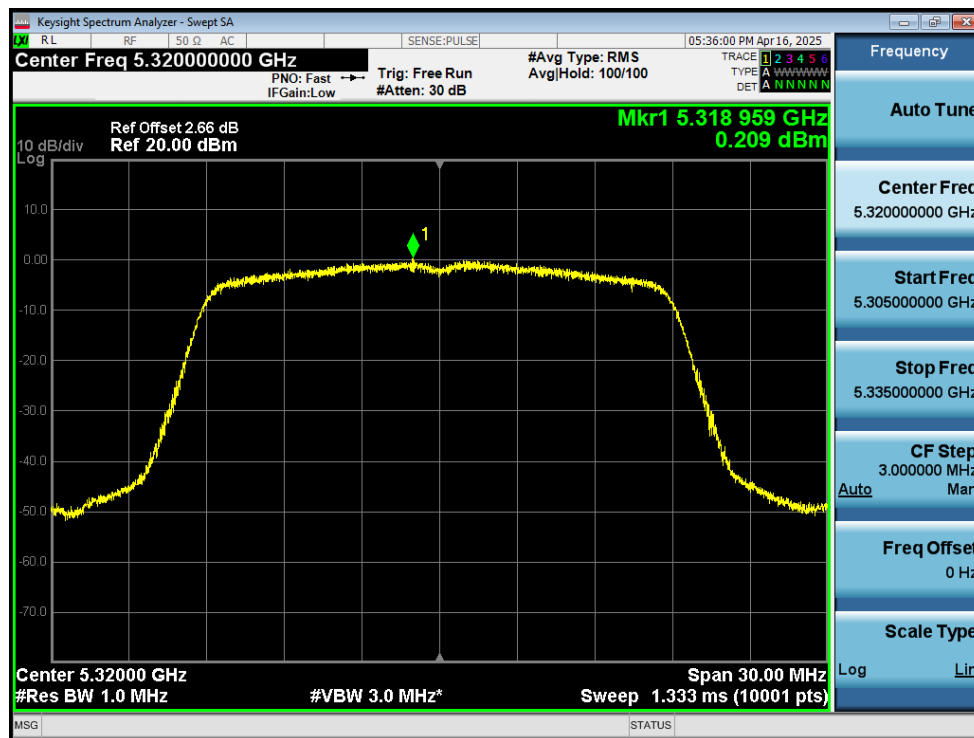
PSD NVNT n20 5320MHz Ant1



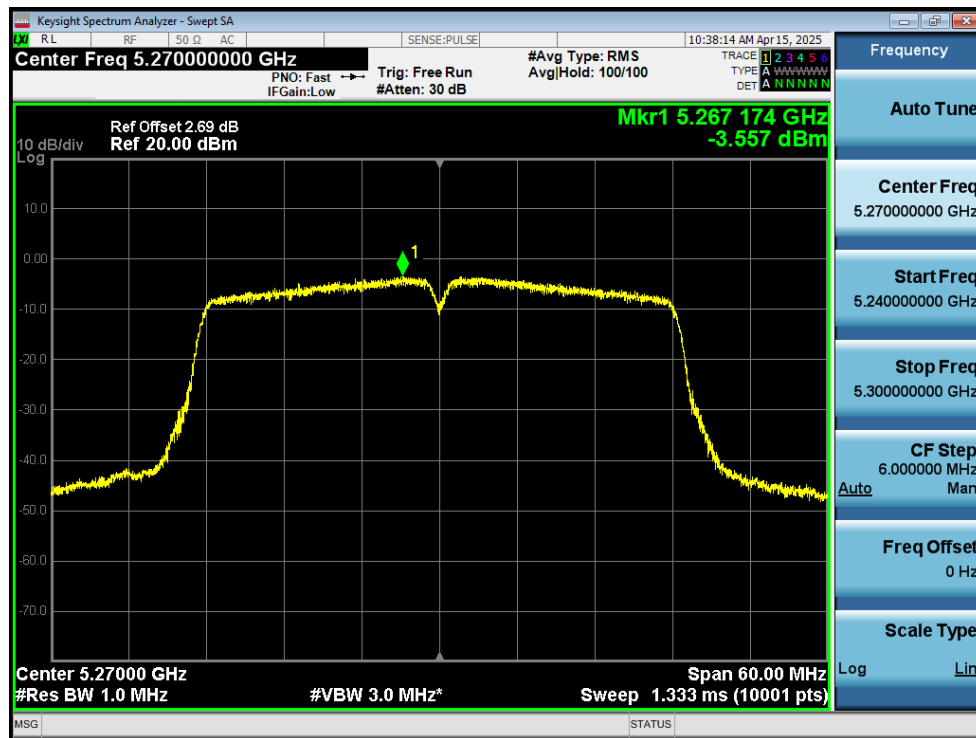
PSD NVNT n20 5260MHz Ant2



PSD NVNT n20 5280MHz Ant2



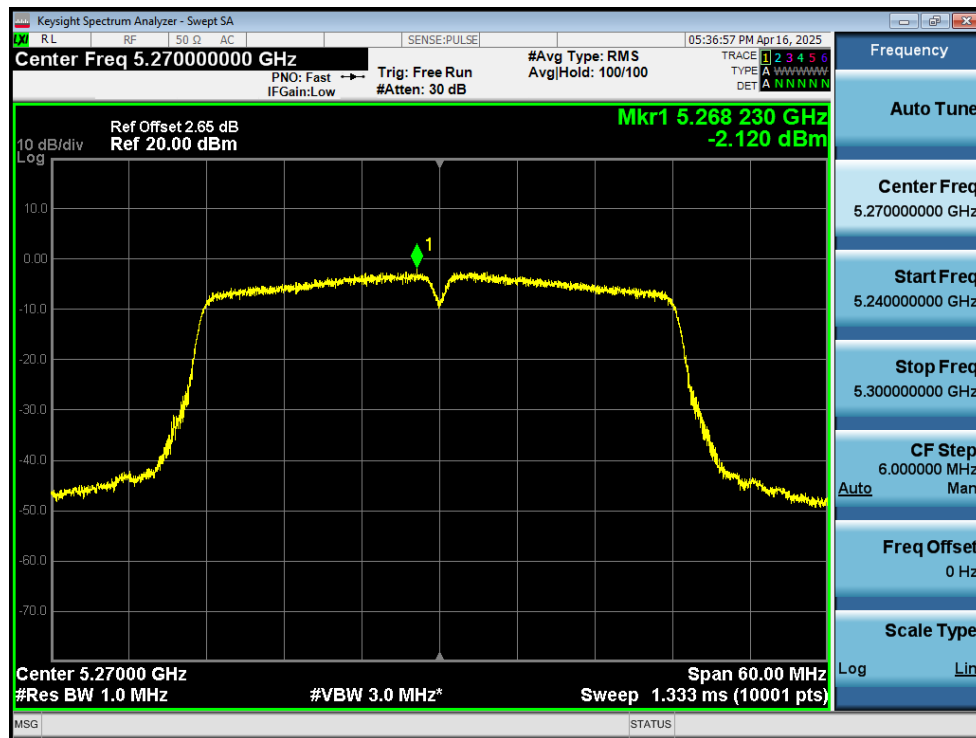
PSD NVNT n20 5320MHz Ant2



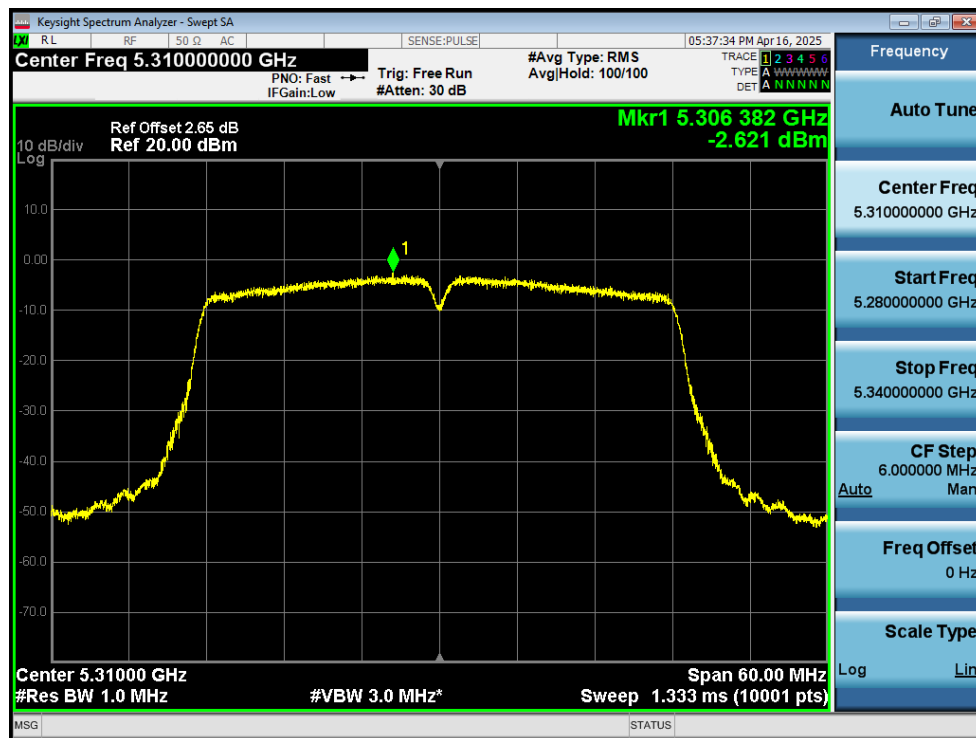
PSD NVNT n40 5270MHz Ant1



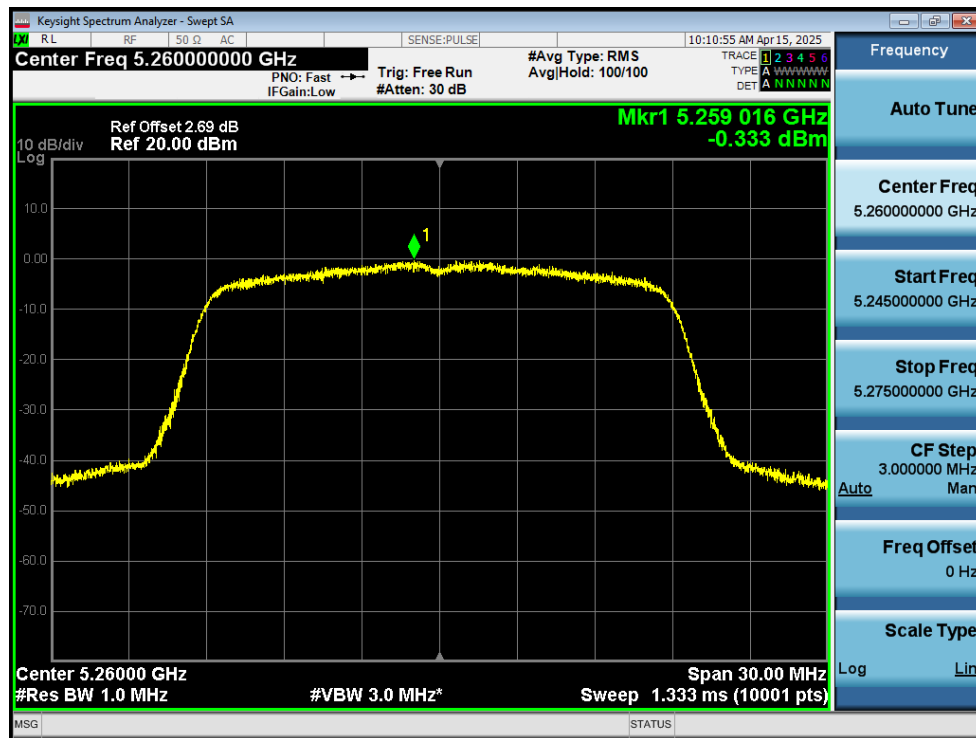
PSD NVNT n40 5310MHz Ant1



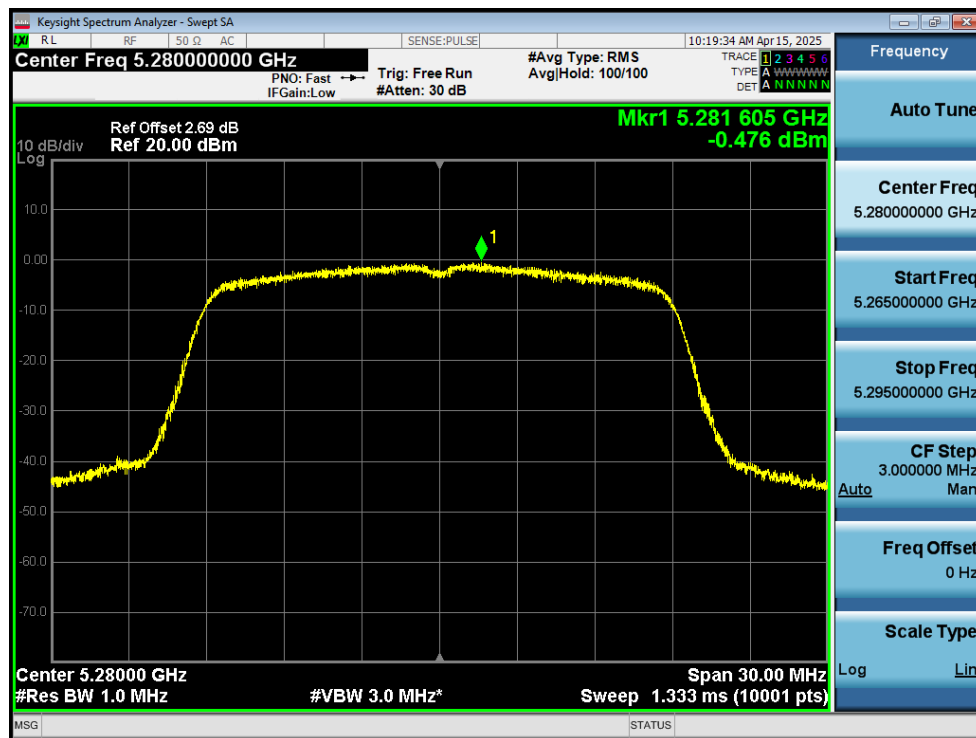
PSD NVNT n40 5270MHz Ant2



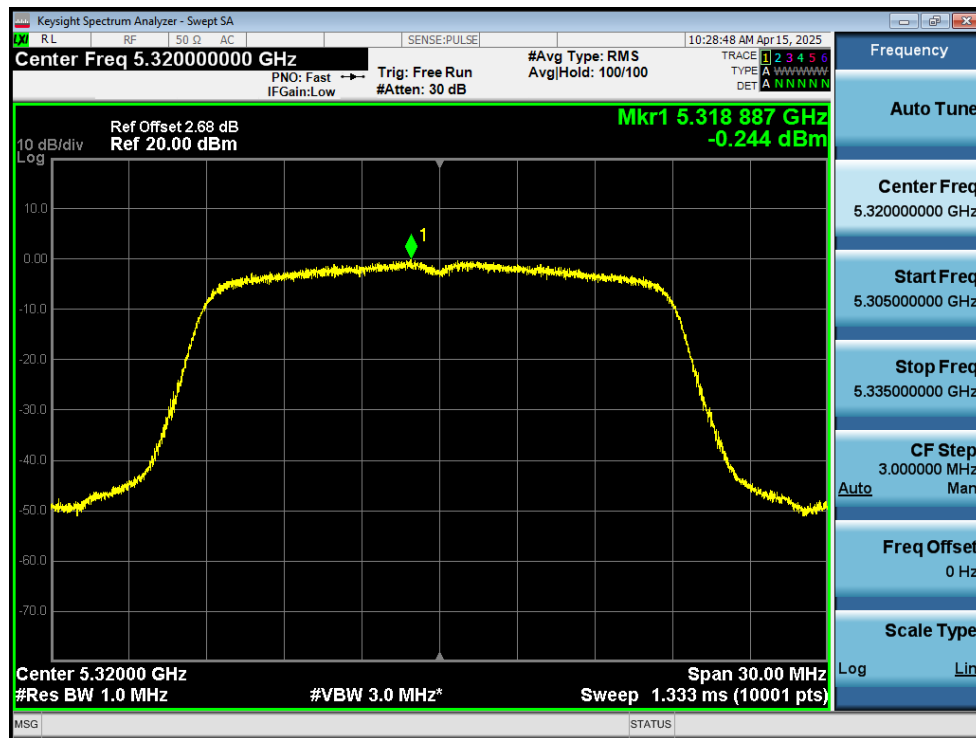
PSD NVNT n40 5310MHz Ant2



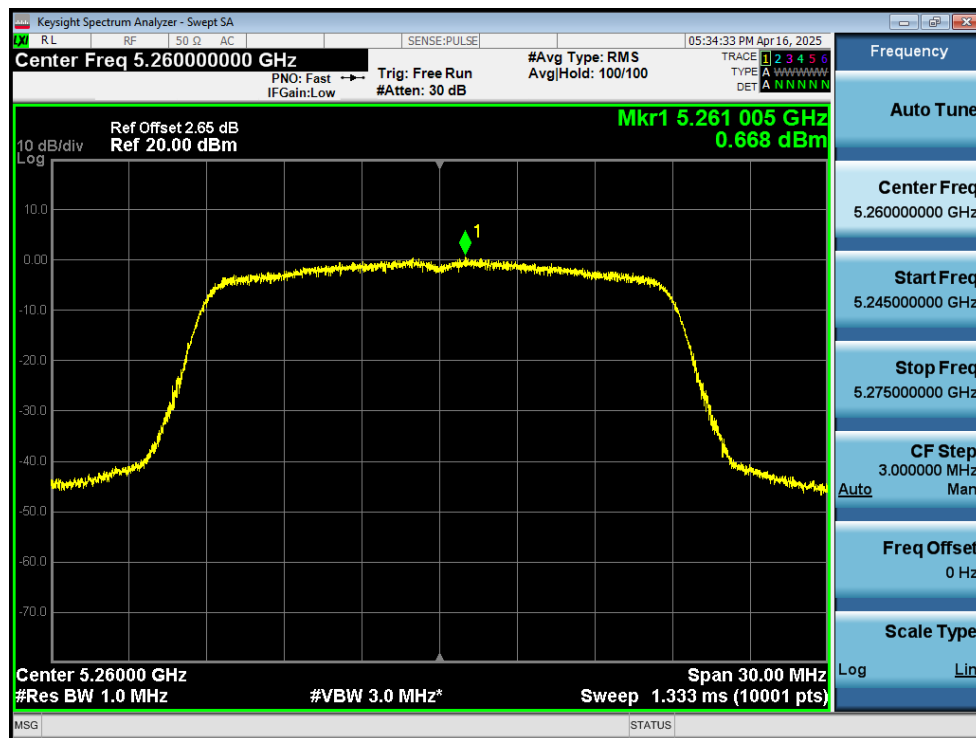
PSD NVNT ac20 5260MHz Ant1



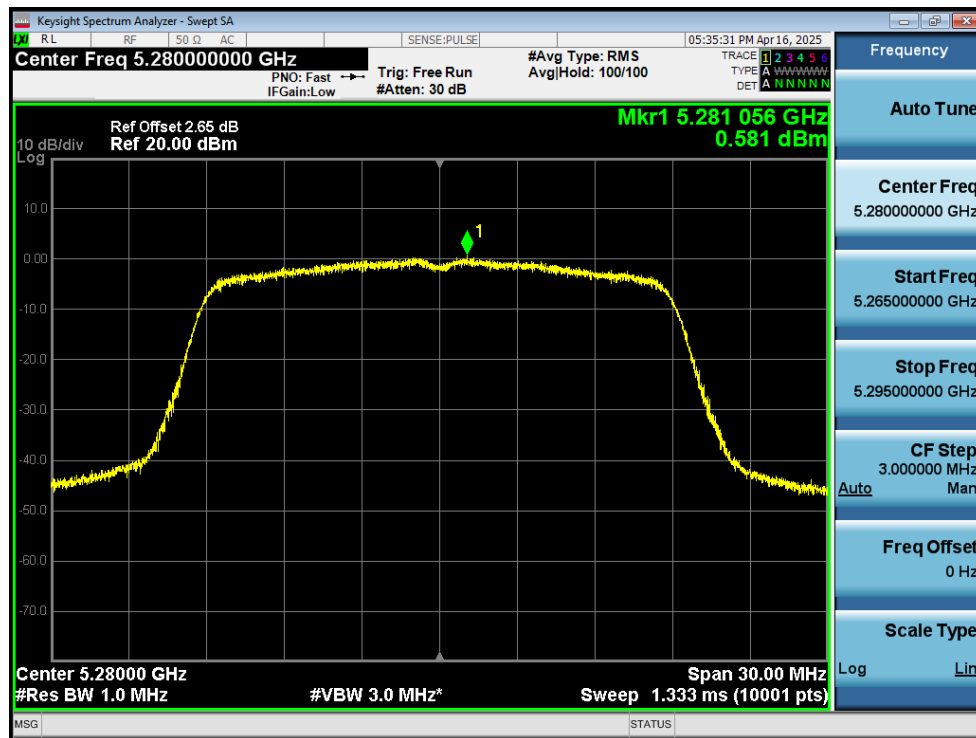
PSD NVNT ac20 5280MHz Ant1



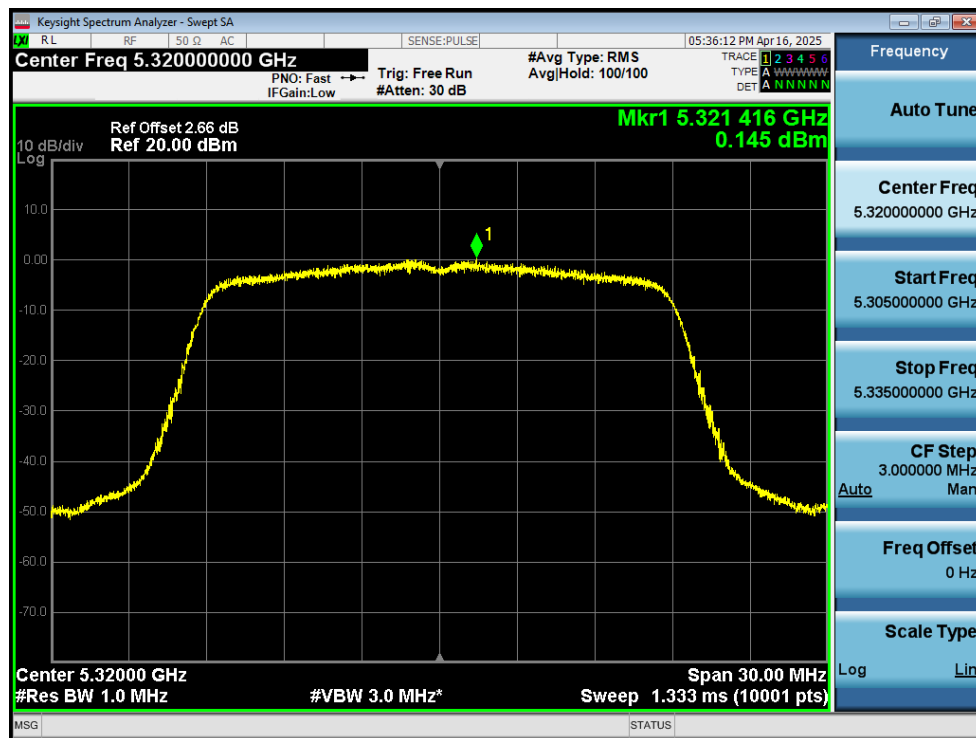
PSD NVNT ac20 5320MHz Ant1



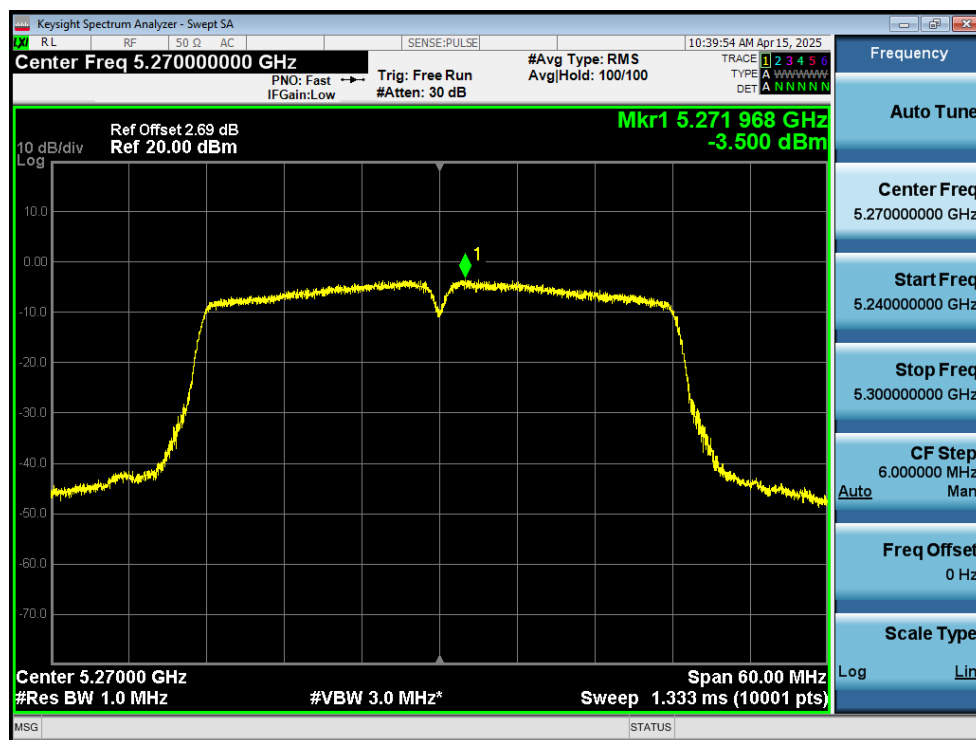
PSD NVNT ac20 5260MHz Ant2



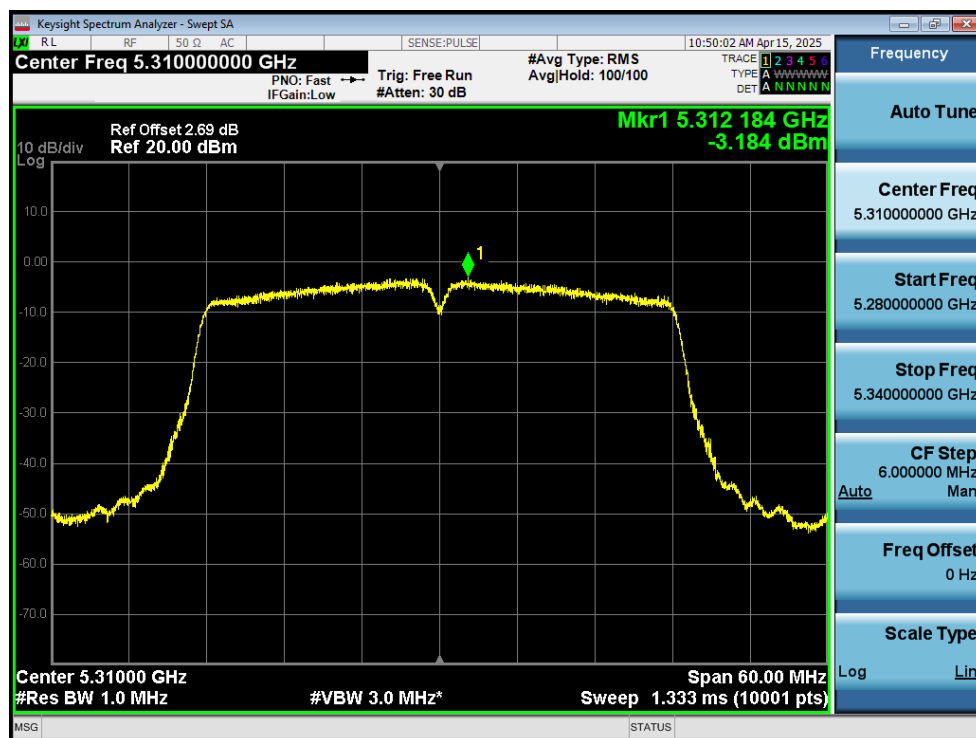
PSD NVNT ac20 5280MHz Ant2



PSD NVNT ac20 5320MHz Ant2



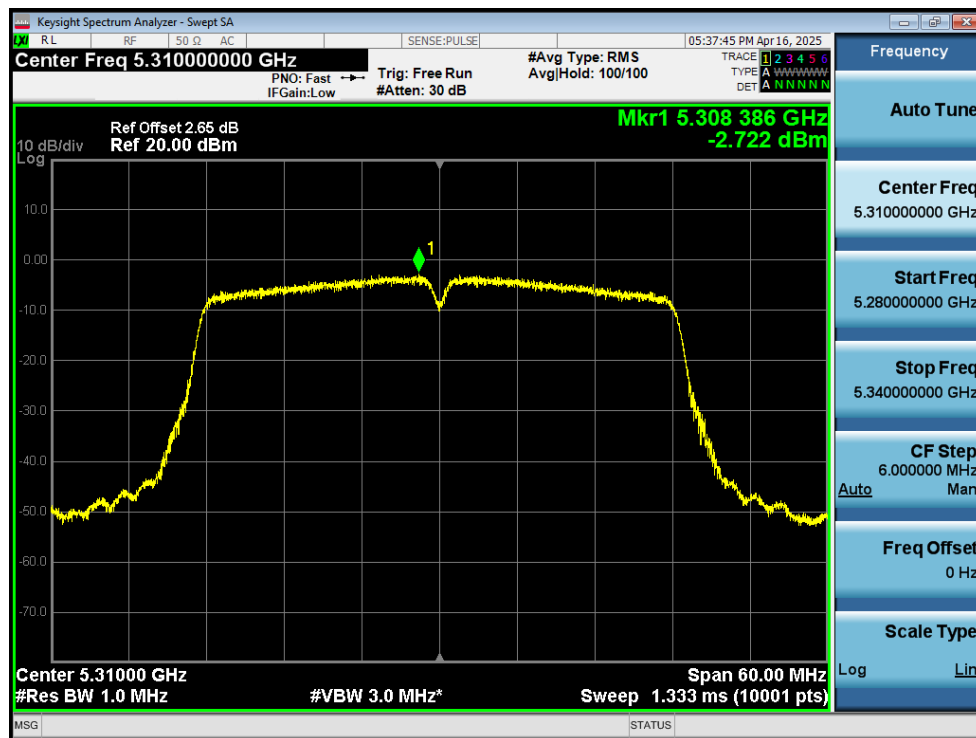
PSD NVNT ac40 5270MHz Ant1



PSD NVNT ac40 5310MHz Ant1



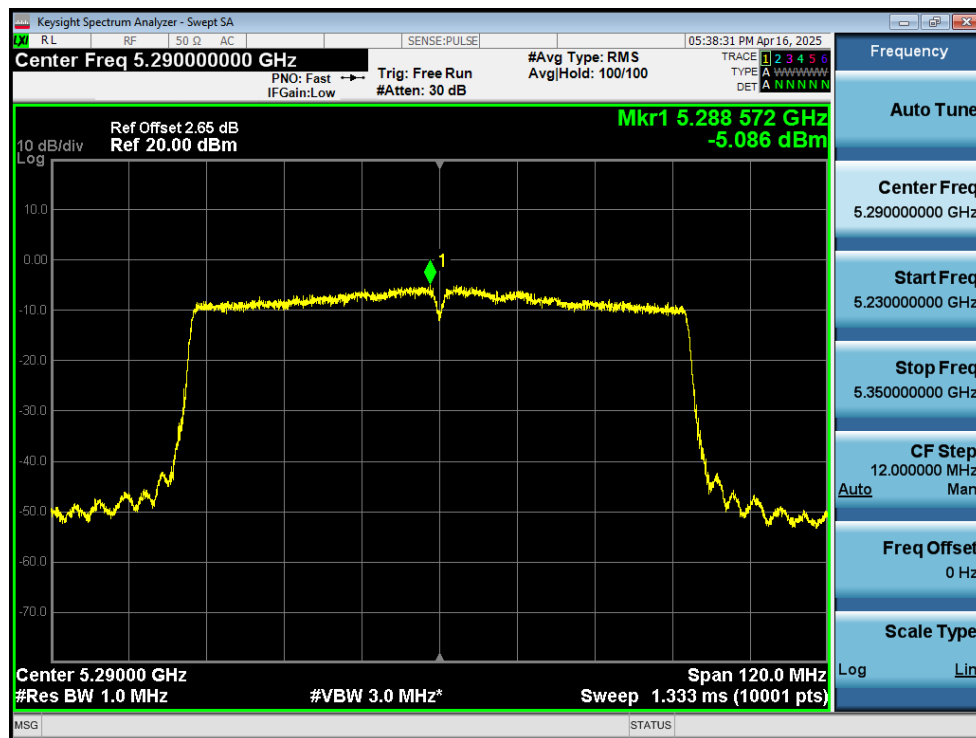
PSD NVNT ac40 5270MHz Ant2



PSD NVNT ac40 5310MHz Ant2



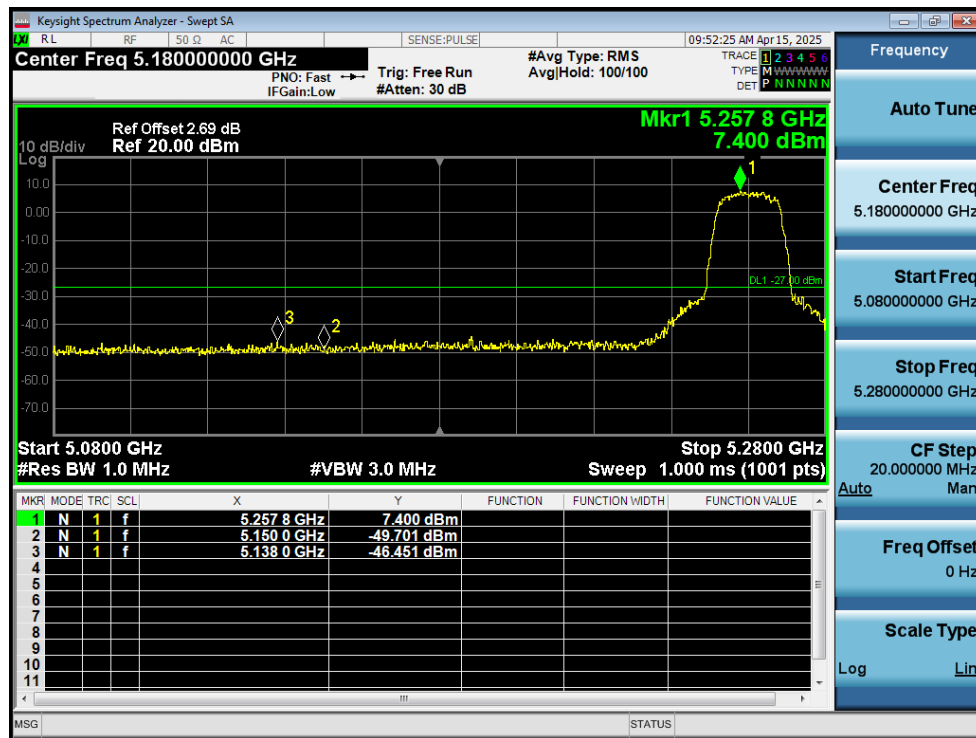
PSD NVNT ac80 5290MHz Ant1



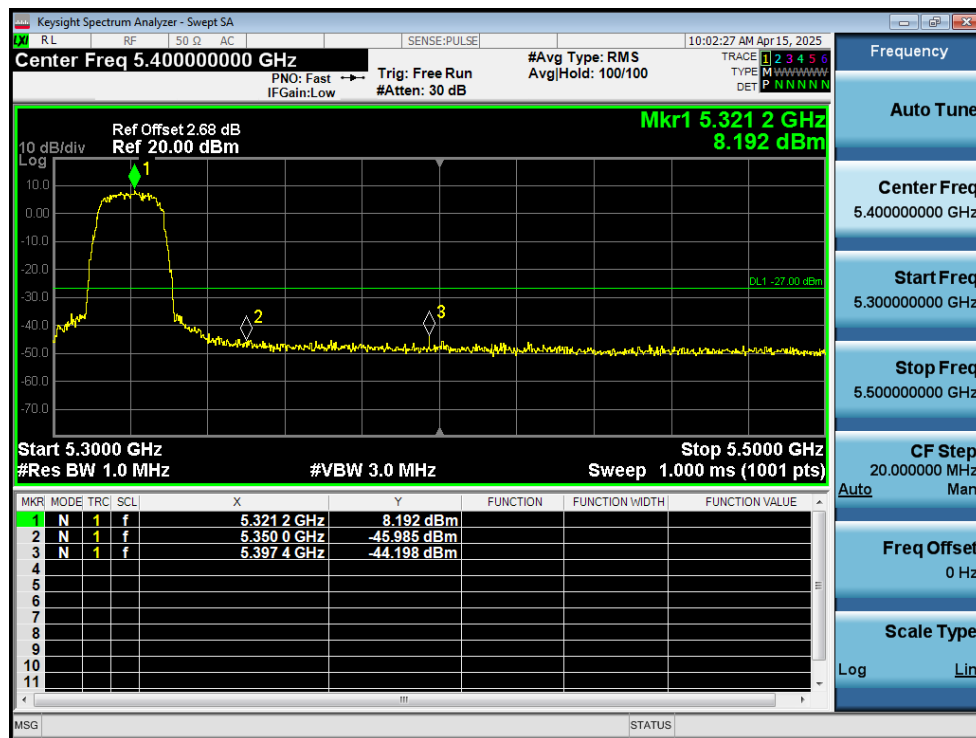
PSD NVNT ac80 5290MHz Ant2

6. Band Edge

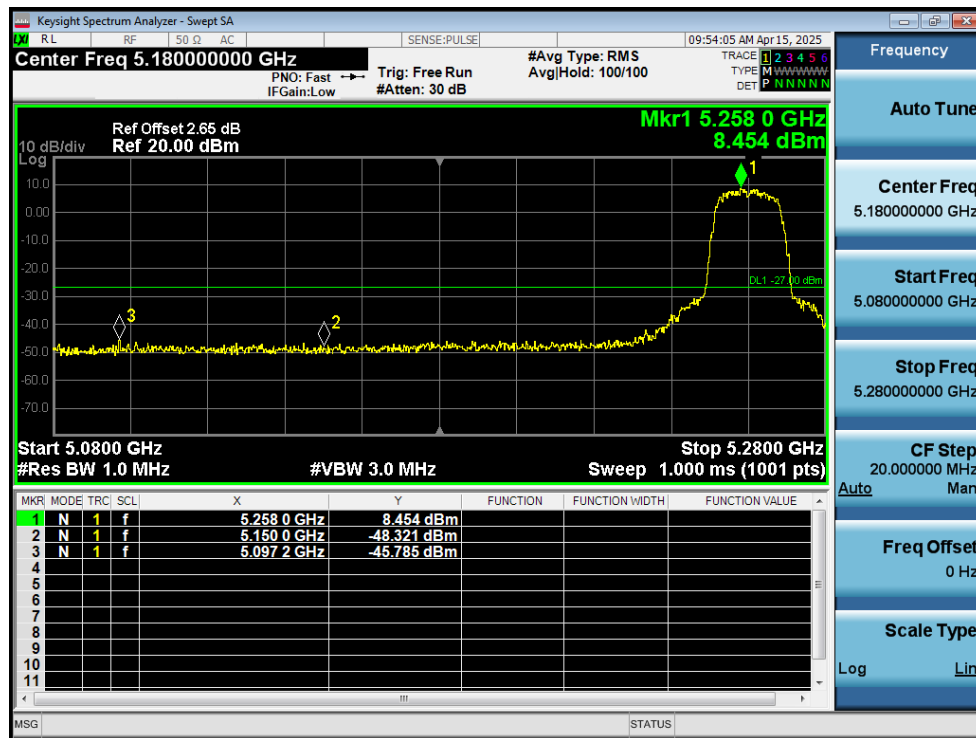
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-46.45	-27	Pass
NVNT	a	5320	Ant1	-44.19	-27	Pass
NVNT	a	5260	Ant2	-45.78	-27	Pass
NVNT	a	5320	Ant2	-43.27	-27	Pass
NVNT	n20	5260	Ant1	-46.48	-27	Pass
NVNT	n20	5320	Ant1	-45.18	-27	Pass
NVNT	n20	5260	Ant2	-45.98	-27	Pass
NVNT	n20	5320	Ant2	-43.71	-27	Pass
NVNT	n40	5270	Ant1	-45.77	-27	Pass
NVNT	n40	5310	Ant1	-45.18	-27	Pass
NVNT	n40	5270	Ant2	-45.8	-27	Pass
NVNT	n40	5310	Ant2	-39.55	-27	Pass
NVNT	ac20	5260	Ant1	-46	-27	Pass
NVNT	ac20	5320	Ant1	-45.28	-27	Pass
NVNT	ac20	5260	Ant2	-45.36	-27	Pass
NVNT	ac20	5320	Ant2	-44.26	-27	Pass
NVNT	ac40	5270	Ant1	-45.6	-27	Pass
NVNT	ac40	5310	Ant1	-45.32	-27	Pass
NVNT	ac40	5270	Ant2	-45.65	-27	Pass
NVNT	ac40	5310	Ant2	-39.77	-27	Pass
NVNT	ac80	5290	Ant1	-40.91	-27	Pass
NVNT	ac80	5290	Ant1	-46.58	-27	Pass
NVNT	ac80	5290	Ant2	-36.14	-27	Pass
NVNT	ac80	5290	Ant2	-46.06	-27	Pass



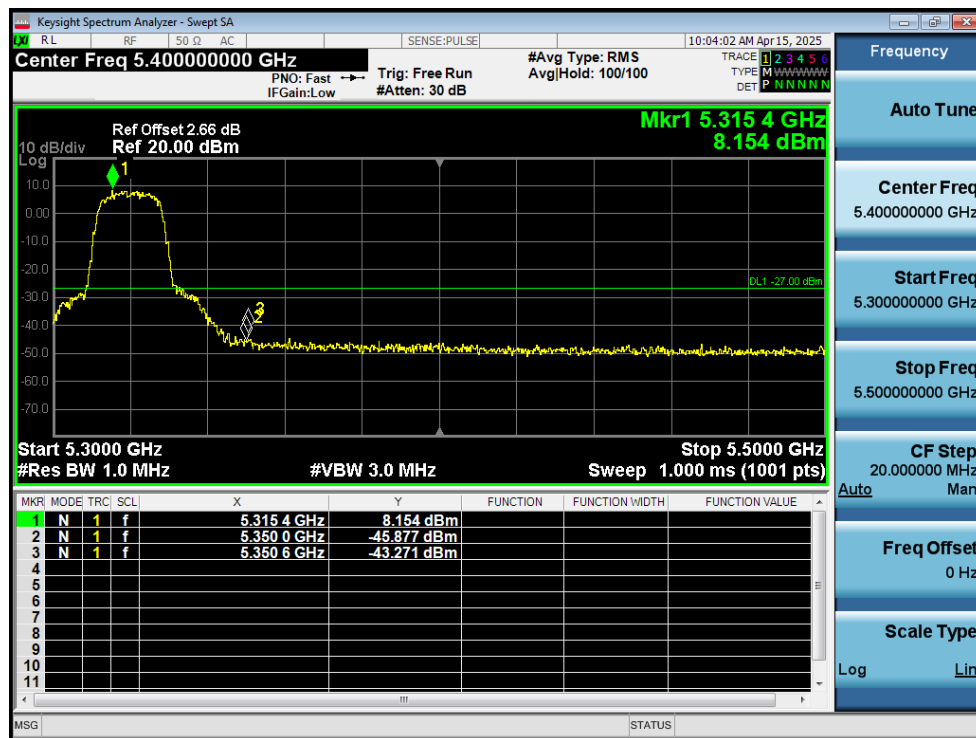
Band Edge NVNT a 5260MHz Low Ant1



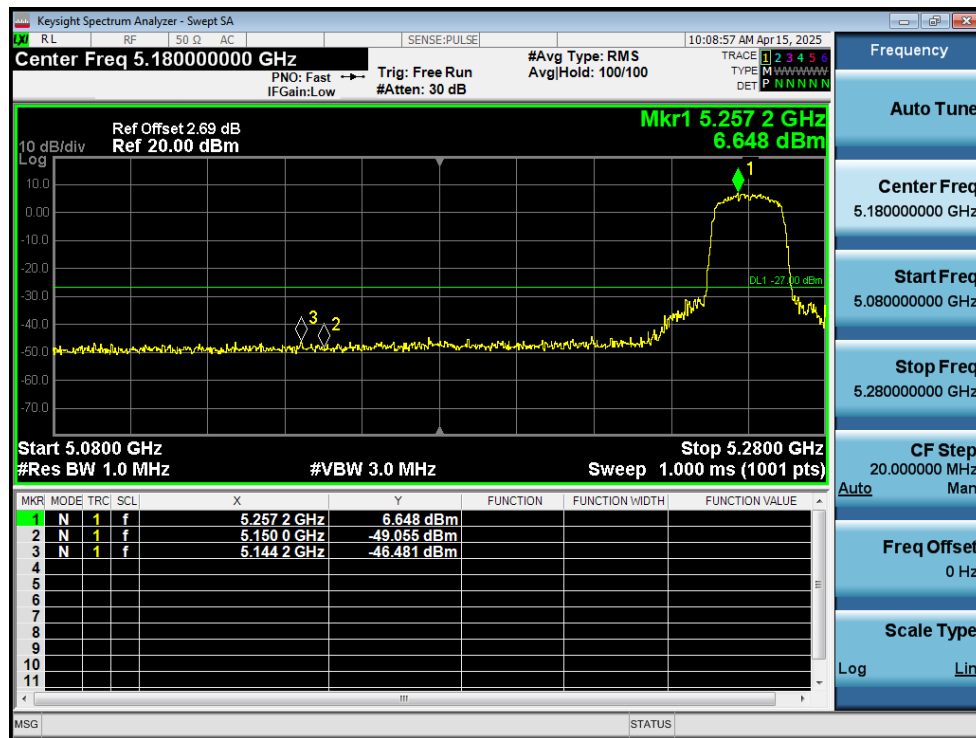
Band Edge NVNT a 5320MHz High Ant1



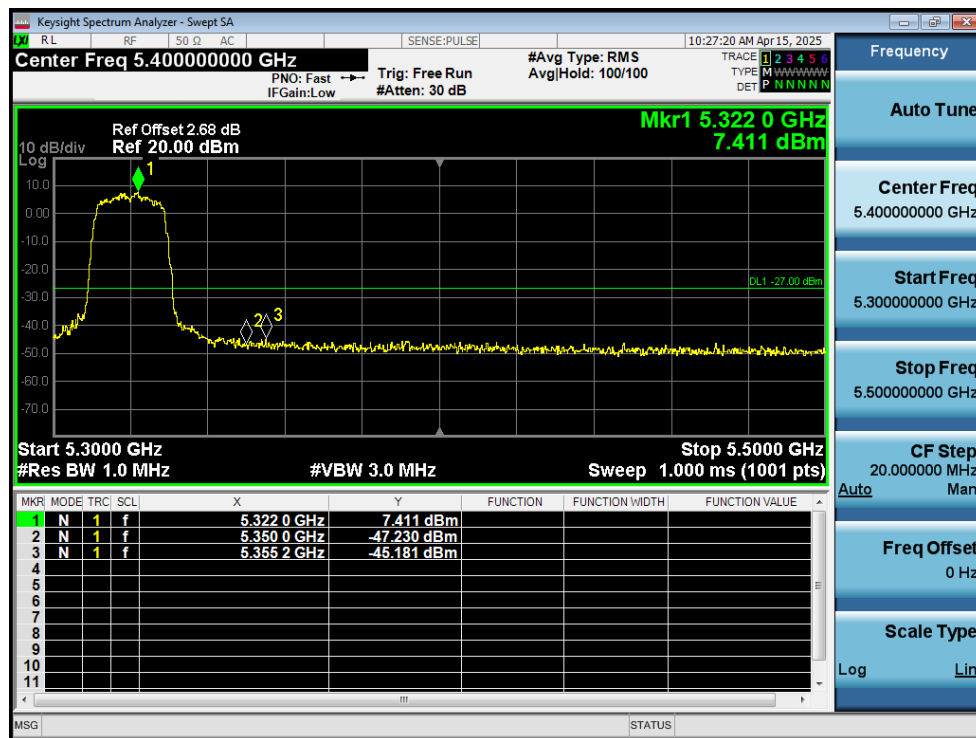
Band Edge NVNT a 5260MHz Low Ant2



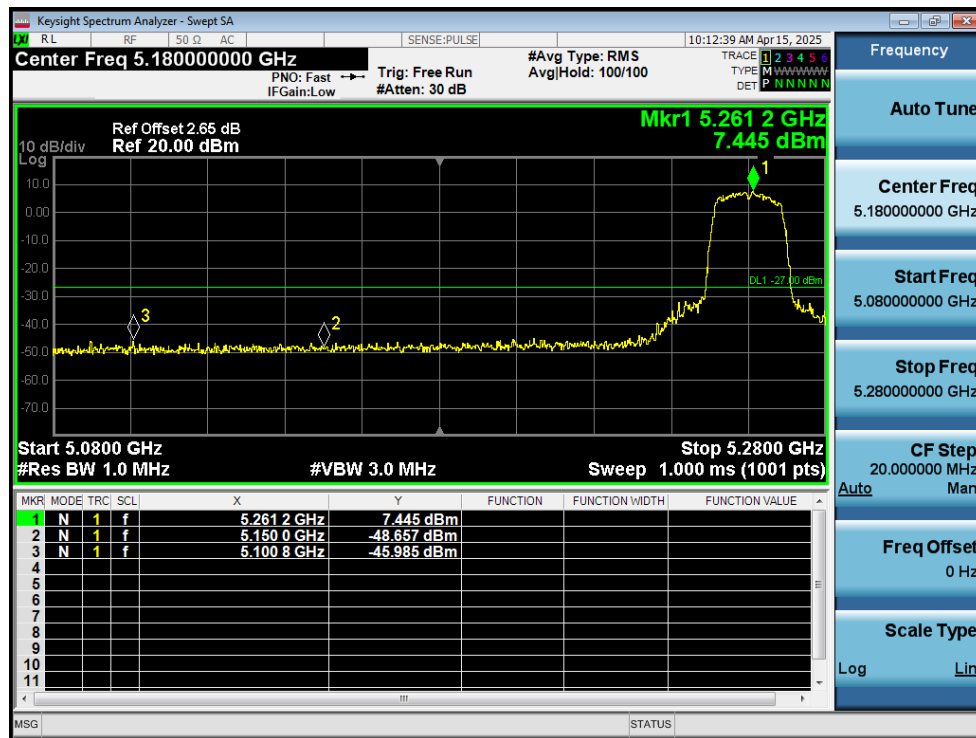
Band Edge NVNT a 5320MHz High Ant2



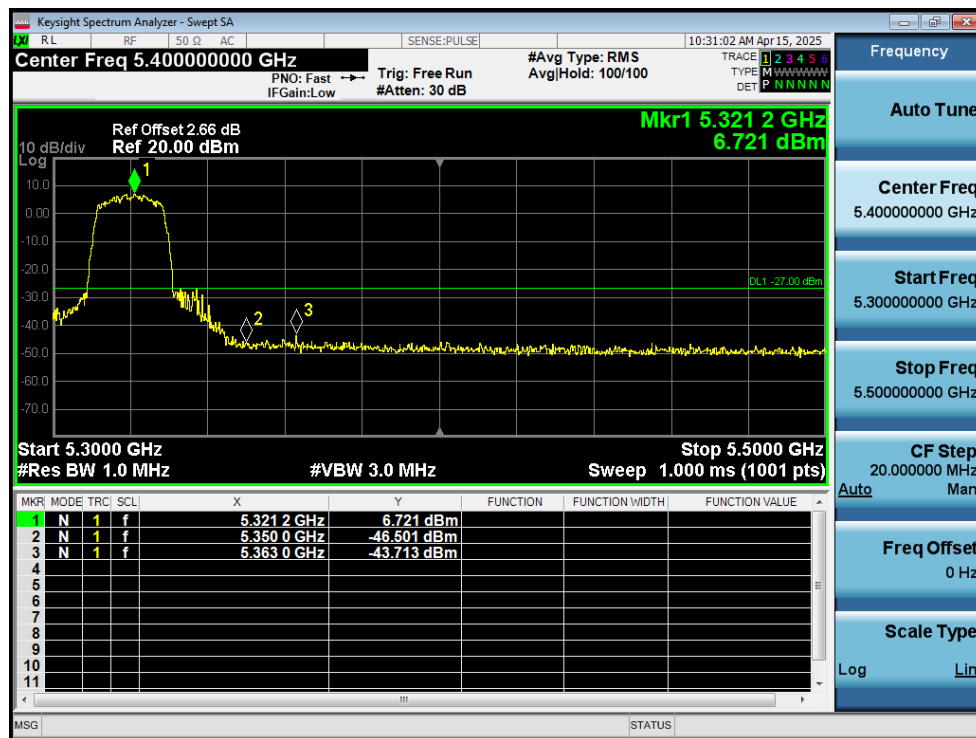
Band Edge NVNT n20 5260MHz Low Ant1



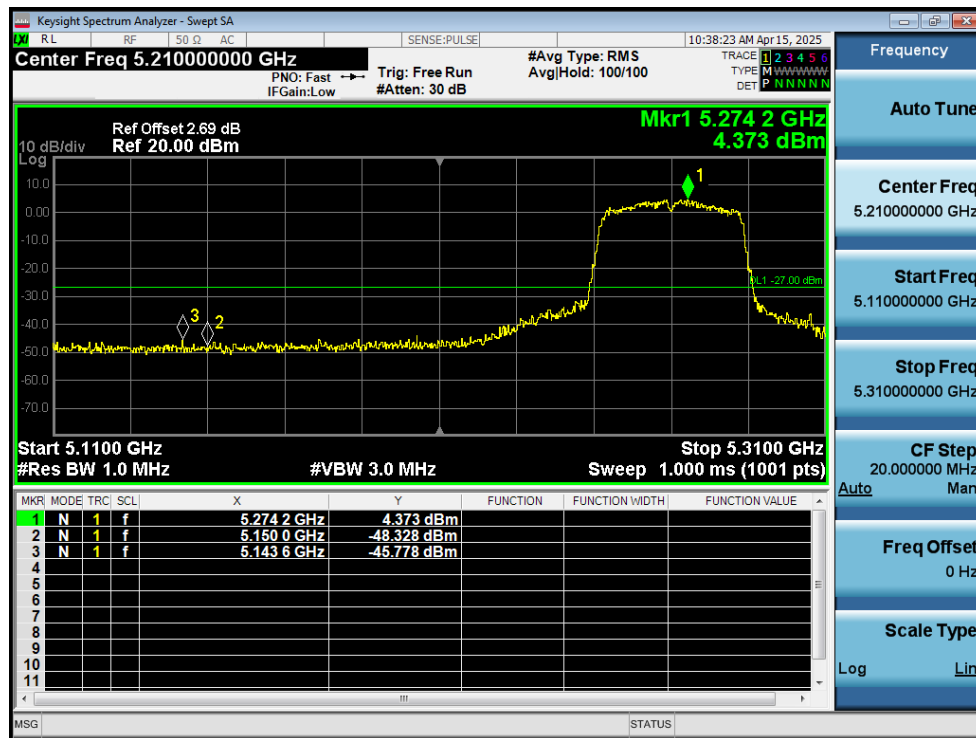
Band Edge NVNT n20 5320MHz High Ant1



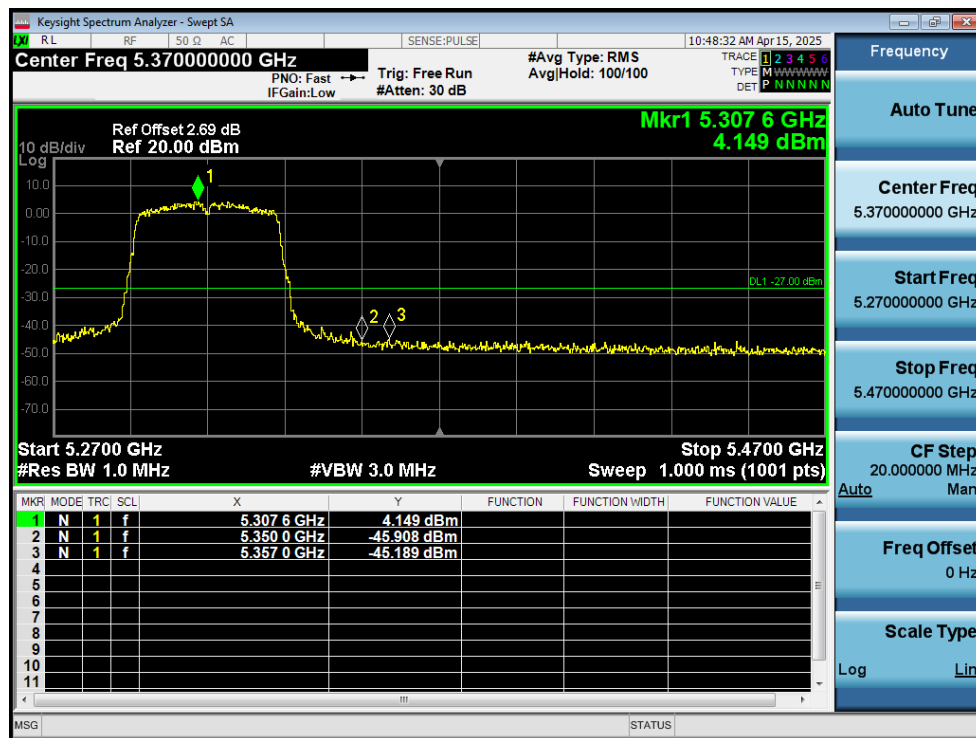
Band Edge NVNT n20 5260MHz Low Ant2



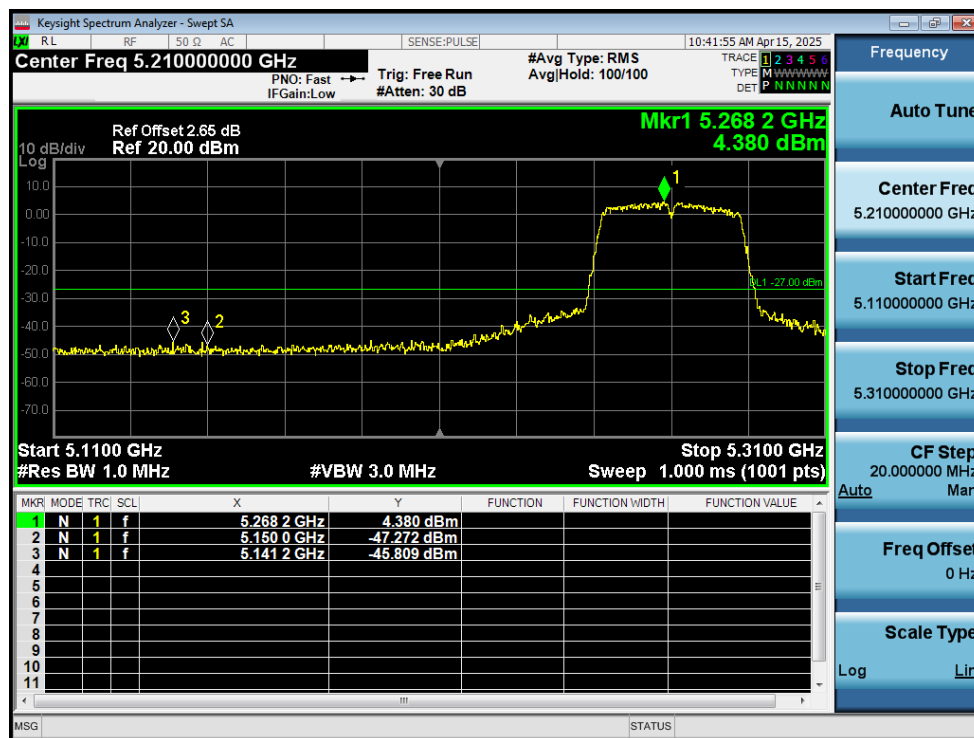
Band Edge NVNT n20 5320MHz High Ant2



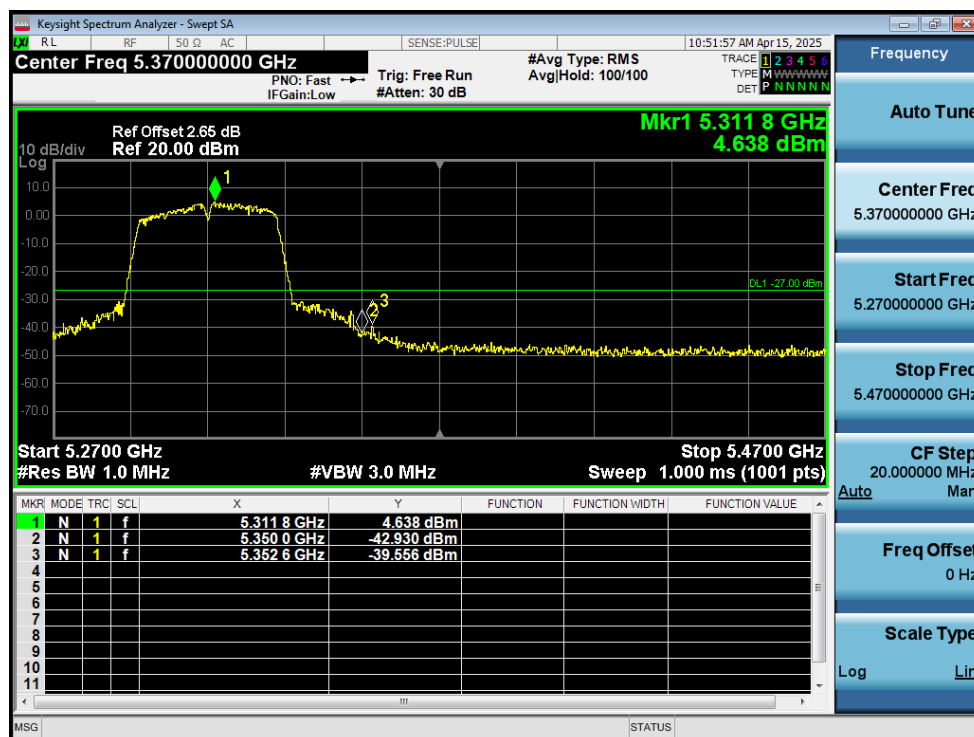
Band Edge NVNT n40 5270MHz Low Ant1



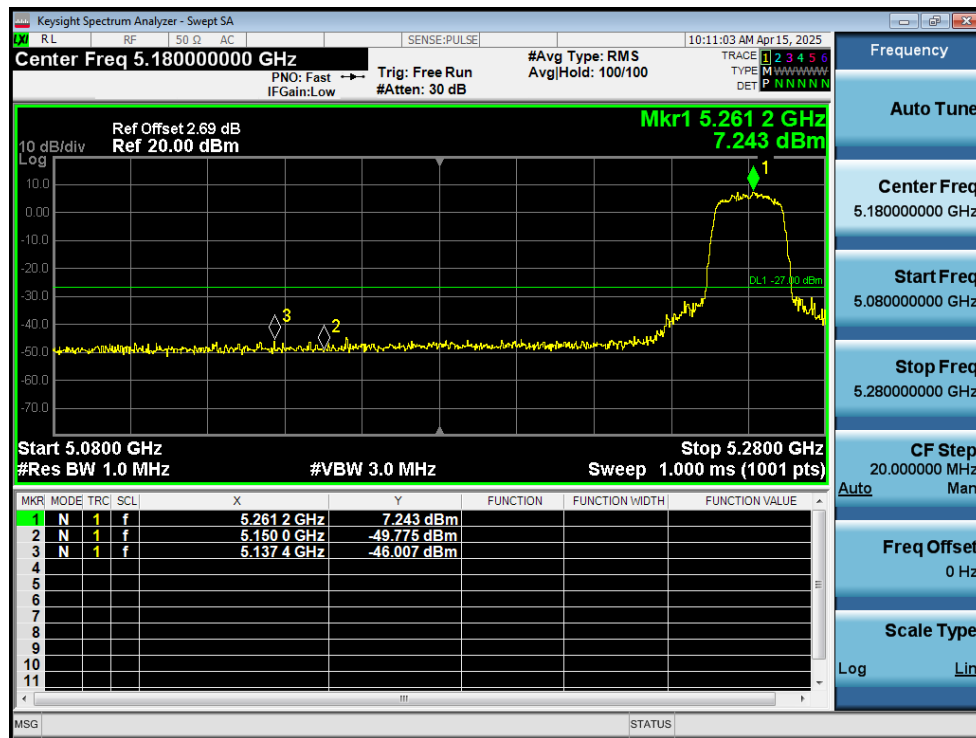
Band Edge NVNT n40 5310MHz High Ant1



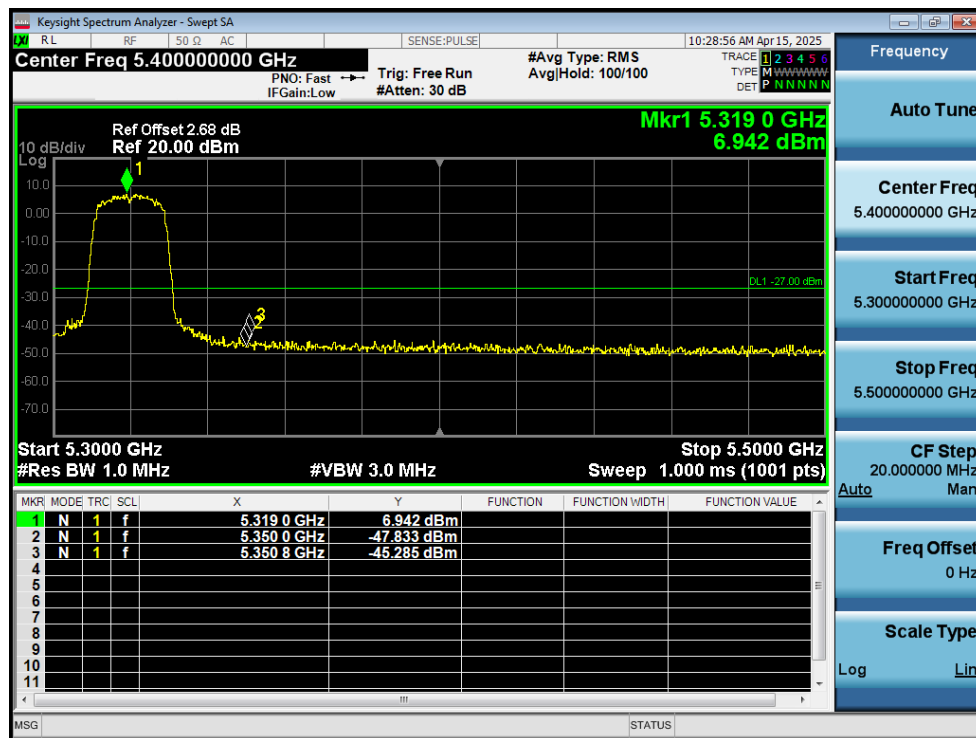
Band Edge NVNT n40 5270MHz Low Ant2



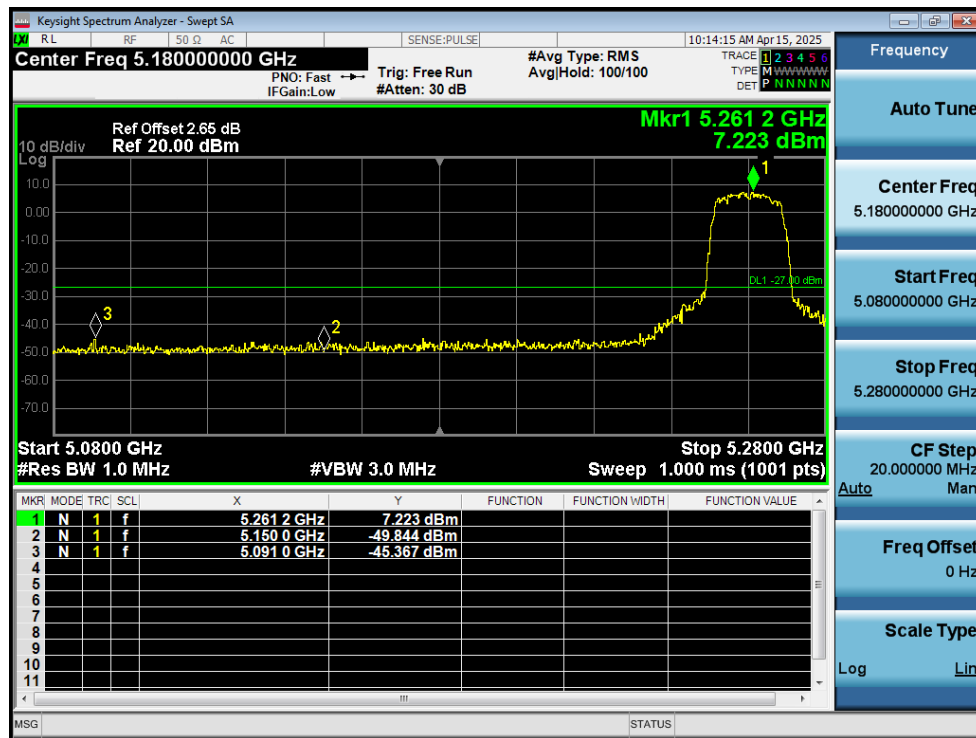
Band Edge NVNT n40 5310MHz High Ant2



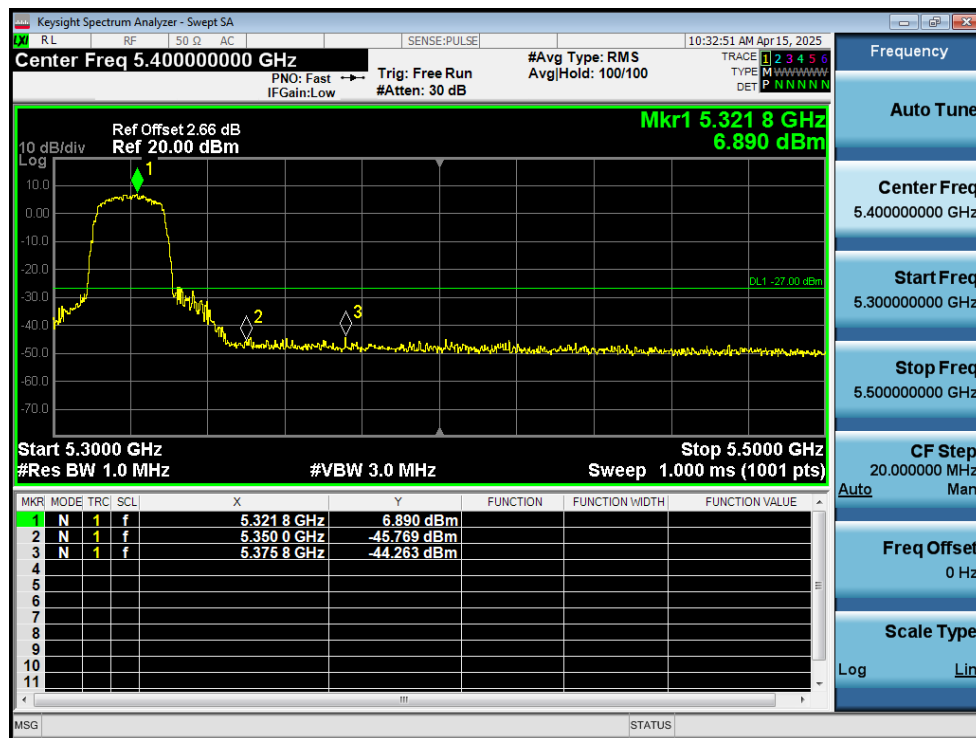
Band Edge NVNT ac20 5260MHz Low Ant1



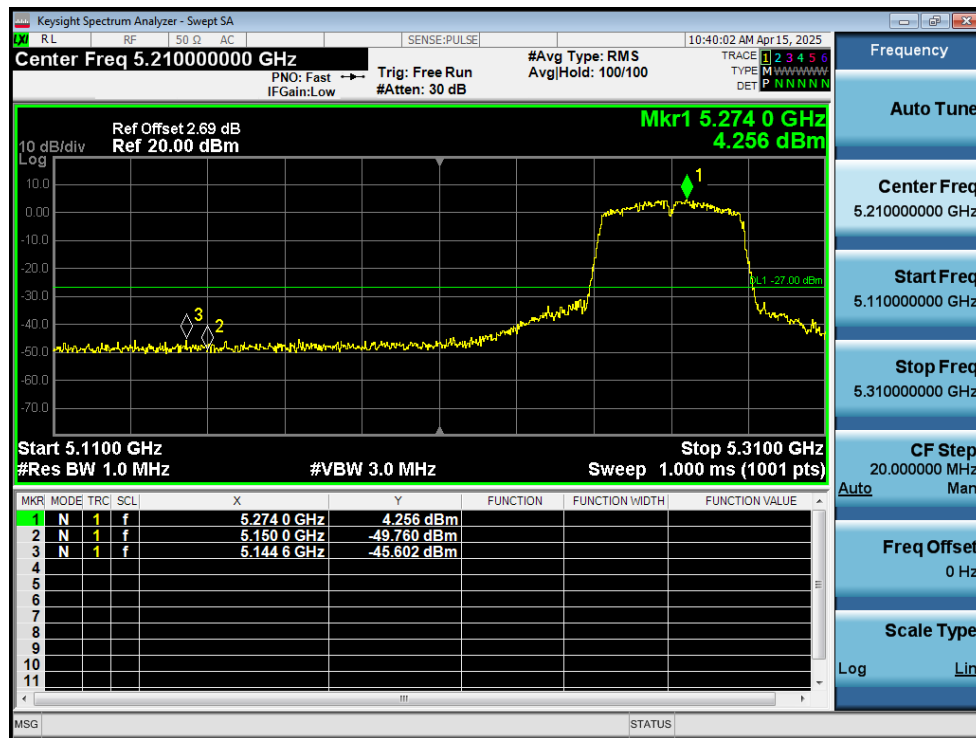
Band Edge NVNT ac20 5320MHz High Ant1



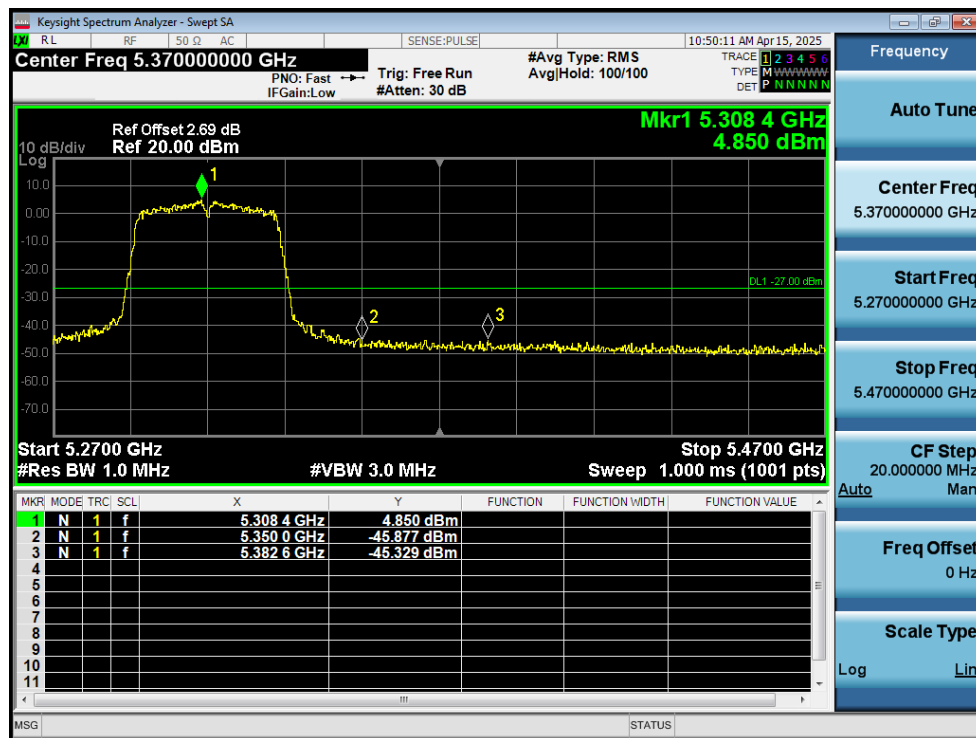
Band Edge NVNT ac20 5260MHz Low Ant2



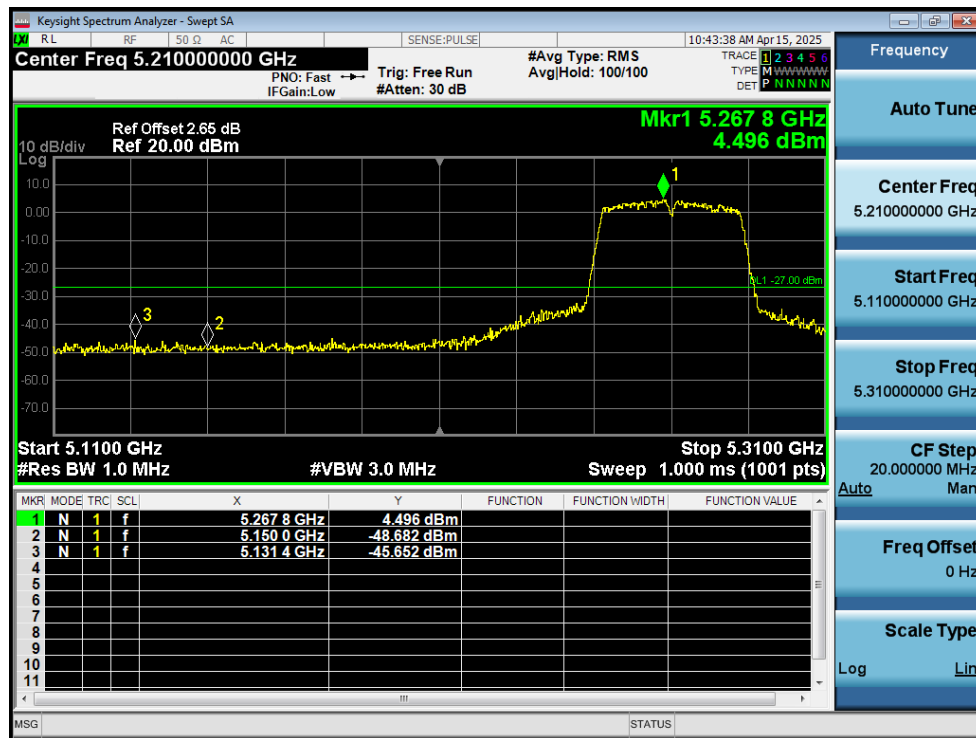
Band Edge NVNT ac20 5320MHz High Ant2



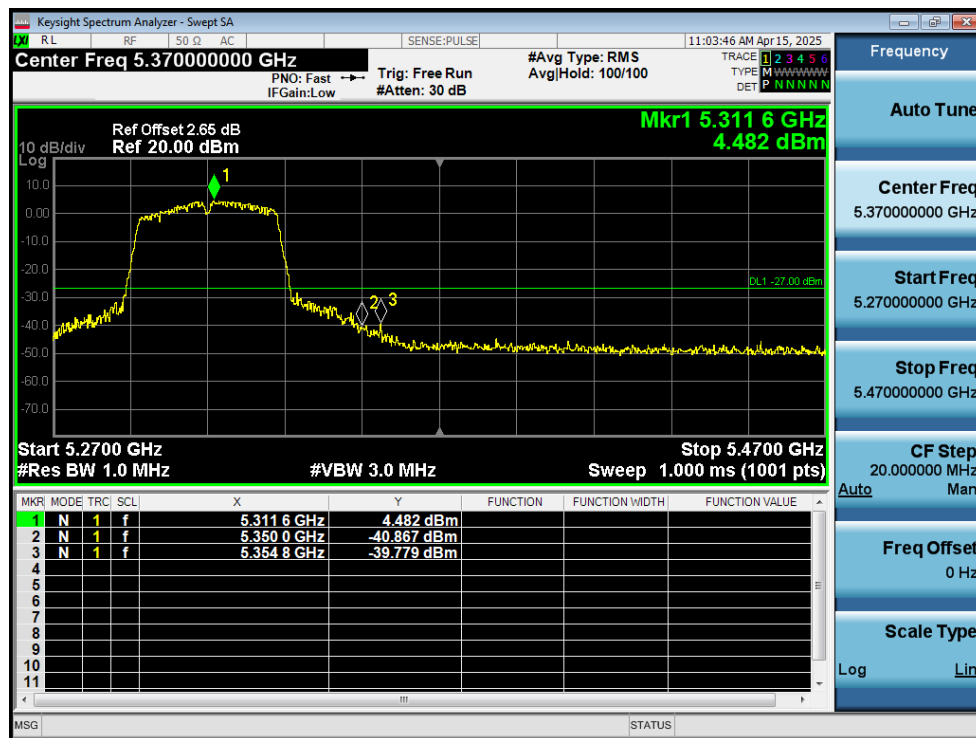
Band Edge NVNT ac40 5270MHz Low Ant1



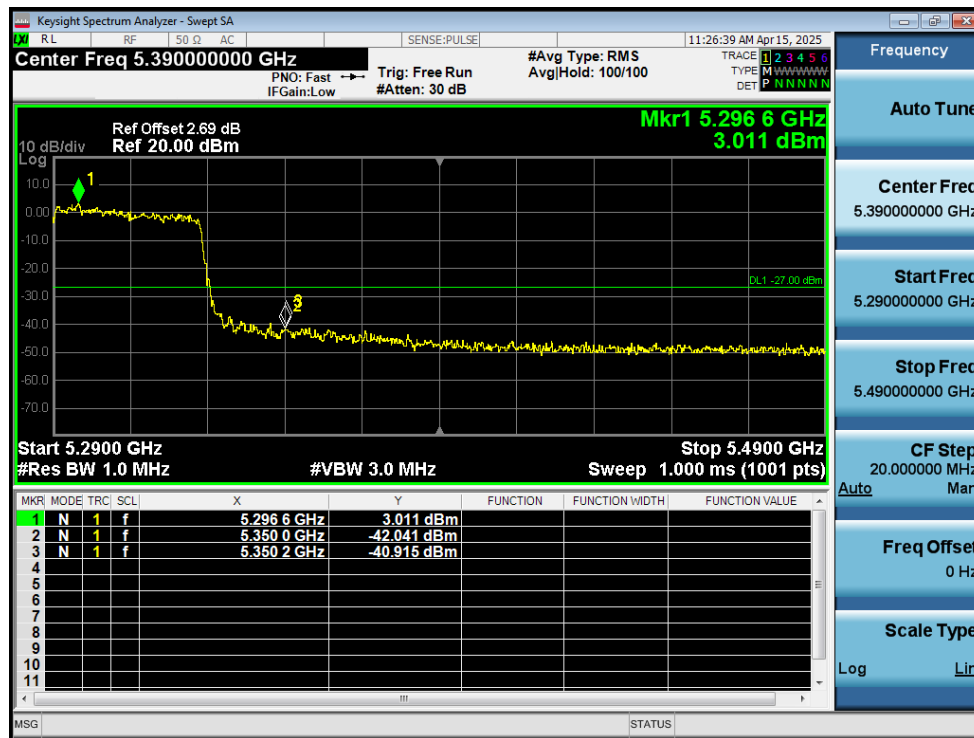
Band Edge NVNT ac40 5310MHz High Ant1



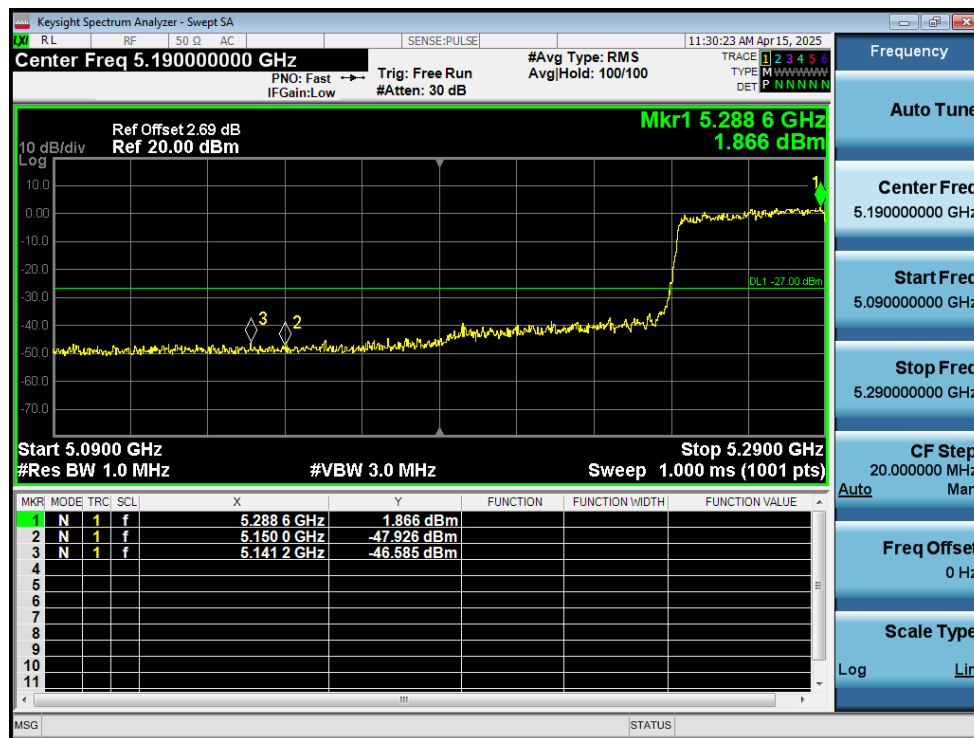
Band Edge NVNT ac40 5270MHz Low Ant2



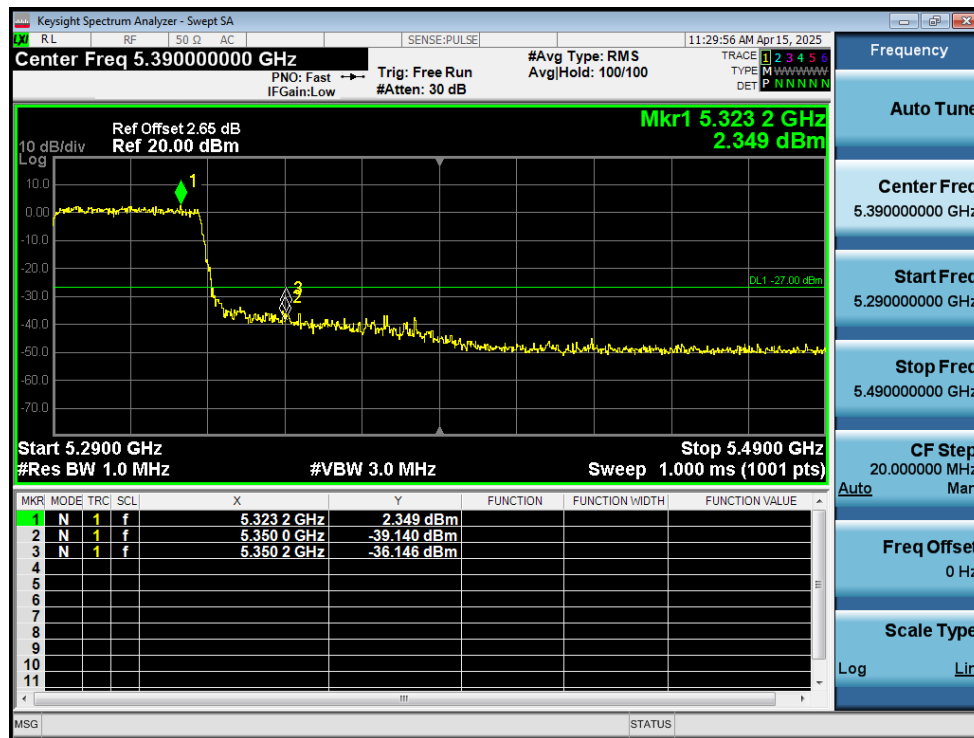
Band Edge NVNT ac40 5310MHz High Ant2



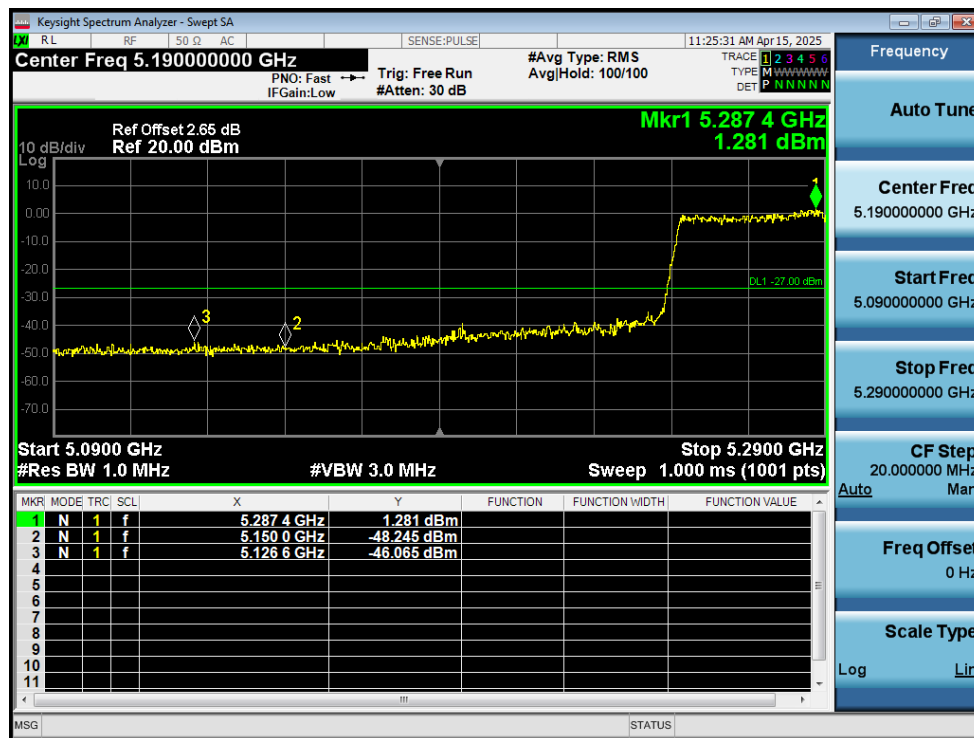
Band Edge NVNT ac80 5290MHz High Ant1



Band Edge NVNT ac80 5290MHz Low Ant1



Band Edge NVNT ac80 5290MHz High Ant2

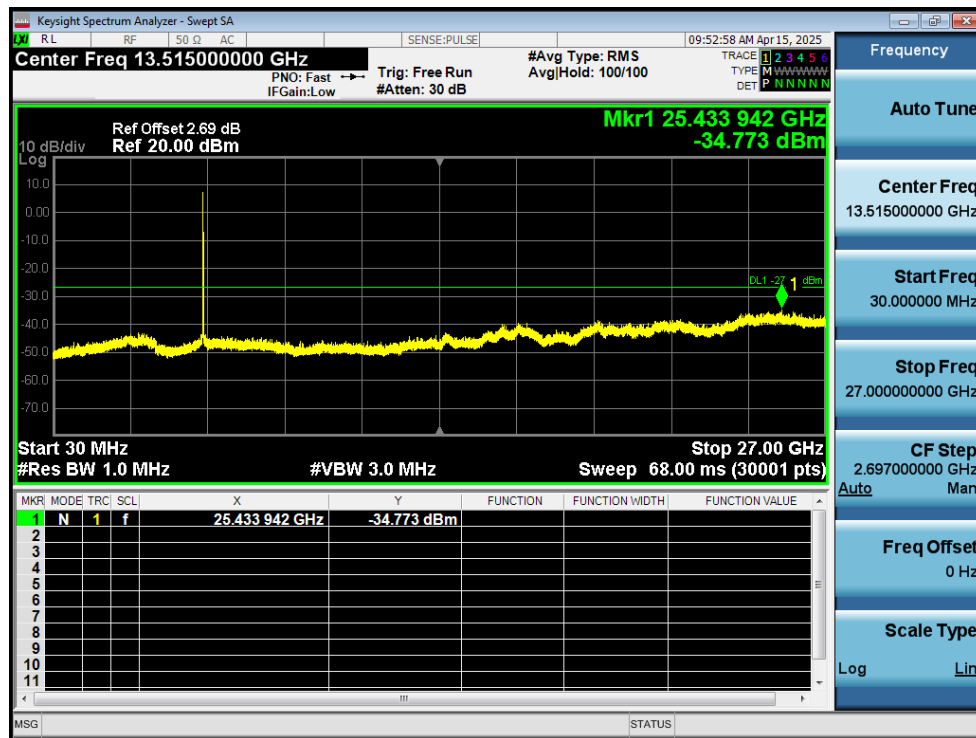


Band Edge NVNT ac80 5290MHz Low Ant2

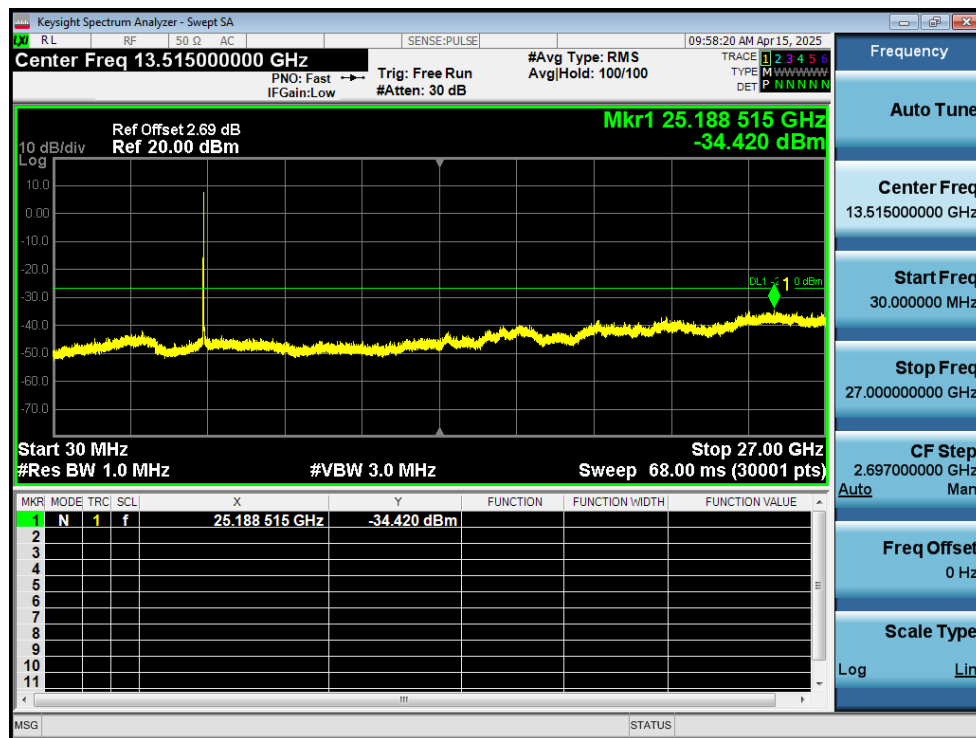
7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-34.77	-27	Pass
NVNT	a	5280	Ant1	-34.41	-27	Pass
NVNT	a	5320	Ant1	-34.29	-27	Pass
NVNT	a	5260	Ant2	-34.96	-27	Pass
NVNT	a	5280	Ant2	-34.38	-27	Pass
NVNT	a	5320	Ant2	-34.26	-27	Pass
NVNT	n20	5260	Ant1	-34.3	-27	Pass
NVNT	n20	5280	Ant1	-34.84	-27	Pass
NVNT	n20	5320	Ant1	-34.13	-27	Pass
NVNT	n20	5260	Ant2	-34.45	-27	Pass
NVNT	n20	5280	Ant2	-34.95	-27	Pass
NVNT	n20	5320	Ant2	-33.99	-27	Pass
NVNT	n40	5270	Ant1	-34.45	-27	Pass
NVNT	n40	5310	Ant1	-34.37	-27	Pass
NVNT	n40	5270	Ant2	-34.54	-27	Pass
NVNT	n40	5310	Ant2	-34.16	-27	Pass
NVNT	ac20	5260	Ant1	-34.65	-27	Pass
NVNT	ac20	5280	Ant1	-34.69	-27	Pass
NVNT	ac20	5320	Ant1	-34	-27	Pass
NVNT	ac20	5260	Ant2	-34.88	-27	Pass
NVNT	ac20	5280	Ant2	-34.44	-27	Pass
NVNT	ac20	5320	Ant2	-34.12	-27	Pass
NVNT	ac40	5270	Ant1	-33.92	-27	Pass
NVNT	ac40	5310	Ant1	-34.42	-27	Pass
NVNT	ac40	5270	Ant2	-34.78	-27	Pass
NVNT	ac40	5310	Ant2	-33.84	-27	Pass
NVNT	ac80	5290	Ant1	-33.03	-27	Pass
NVNT	ac80	5290	Ant2	-33.77	-27	Pass

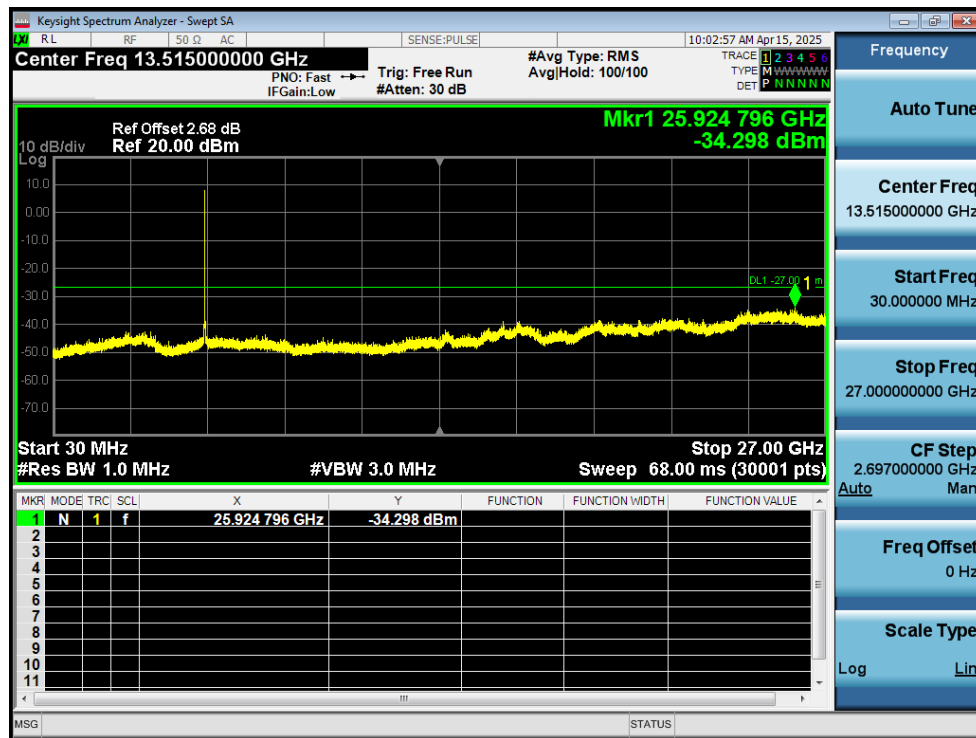
Note: Testing is carried out with frequency rang 30MHz to the 40GHz, above 27GHz not recorded for no spurious point have a margin of less than 20dB with respect to the limits.



Tx. Spurious NVNT a 5260MHz Ant1 Emission



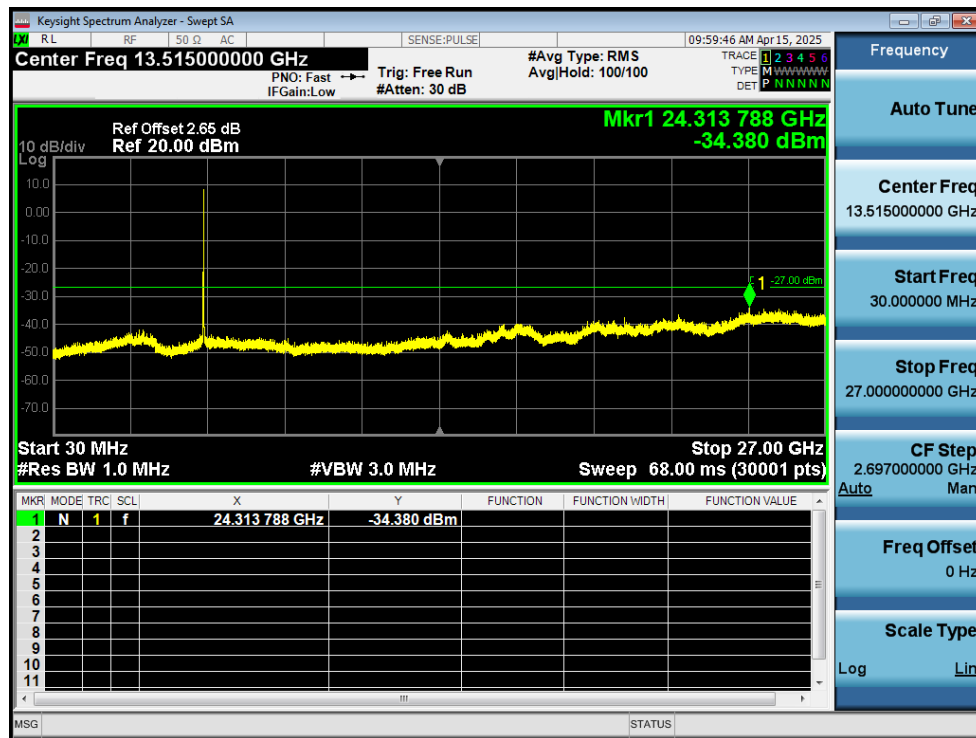
Tx. Spurious NVNT a 5280MHz Ant1 Emission



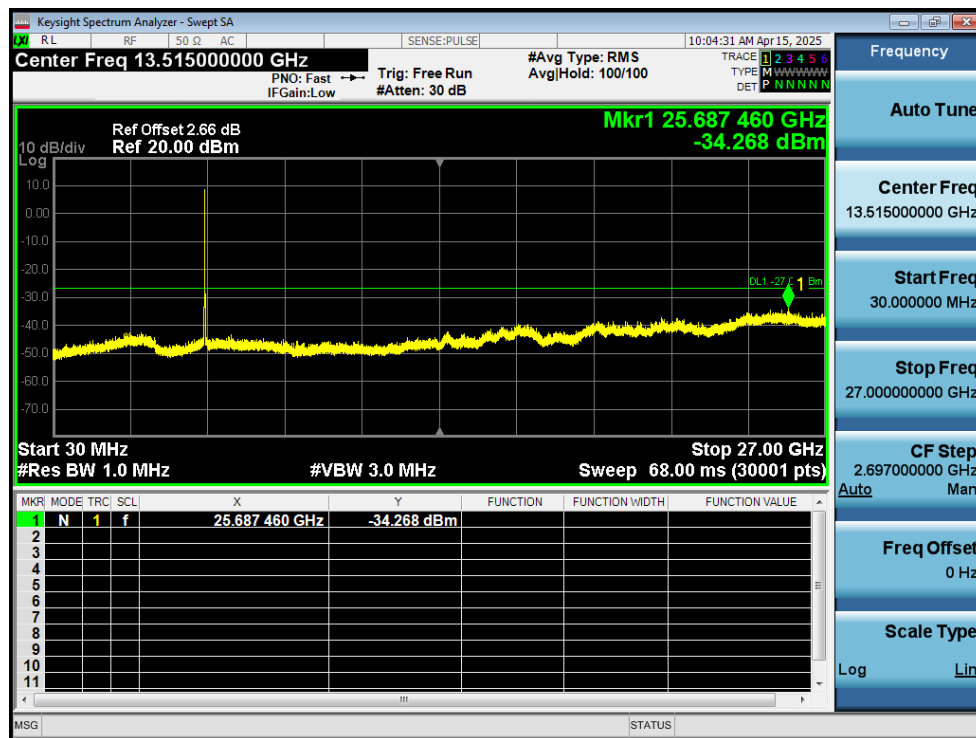
Tx. Spurious NVNT a 5320MHz Ant1 Emission



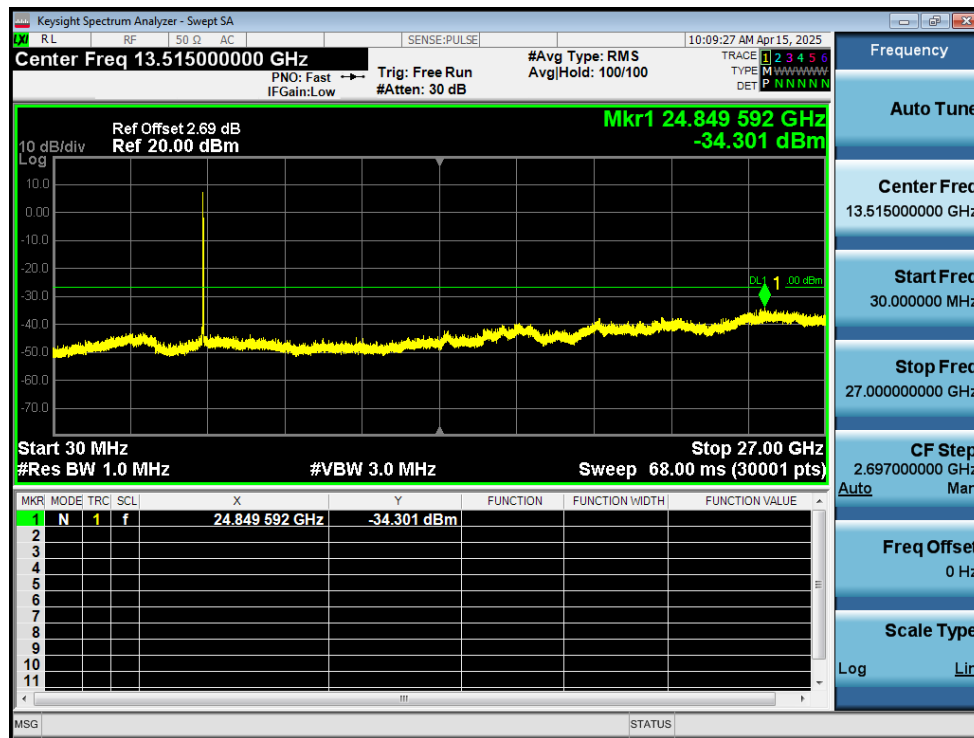
Tx. Spurious NVNT a 5260MHz Ant2 Emission



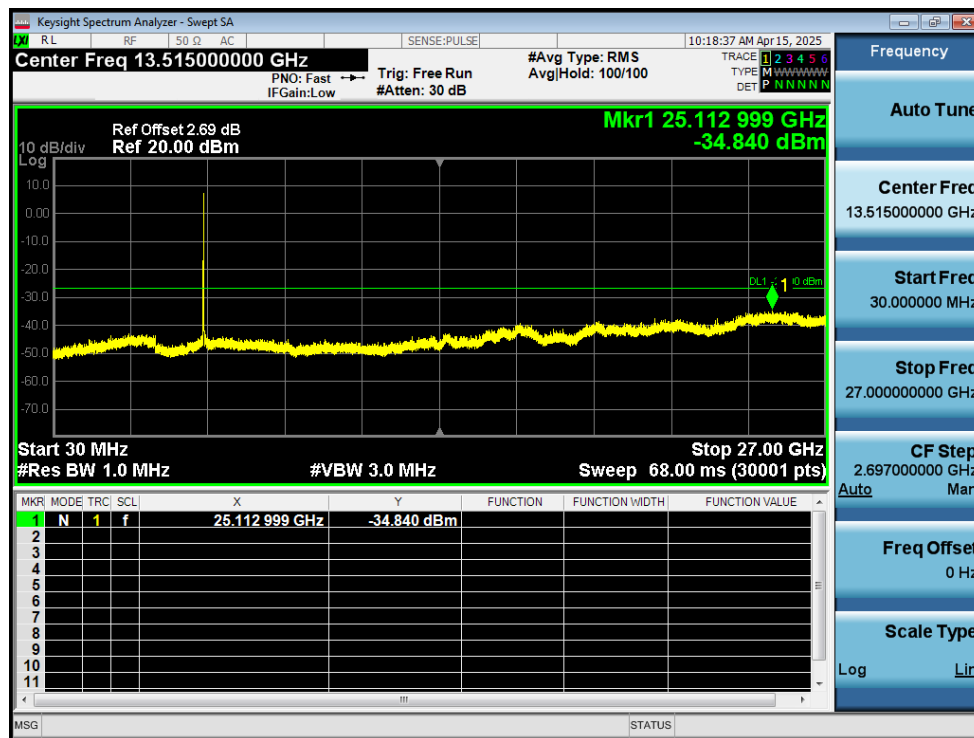
Tx. Spurious NVNT a 5280MHz Ant2 Emission



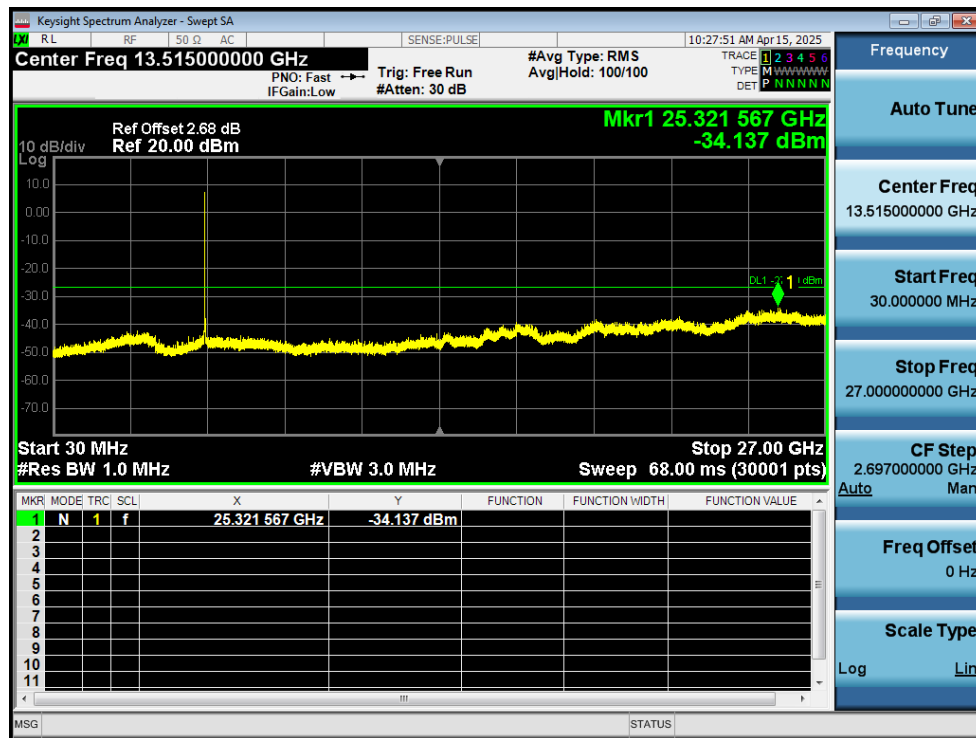
Tx. Spurious NVNT a 5320MHz Ant2 Emission



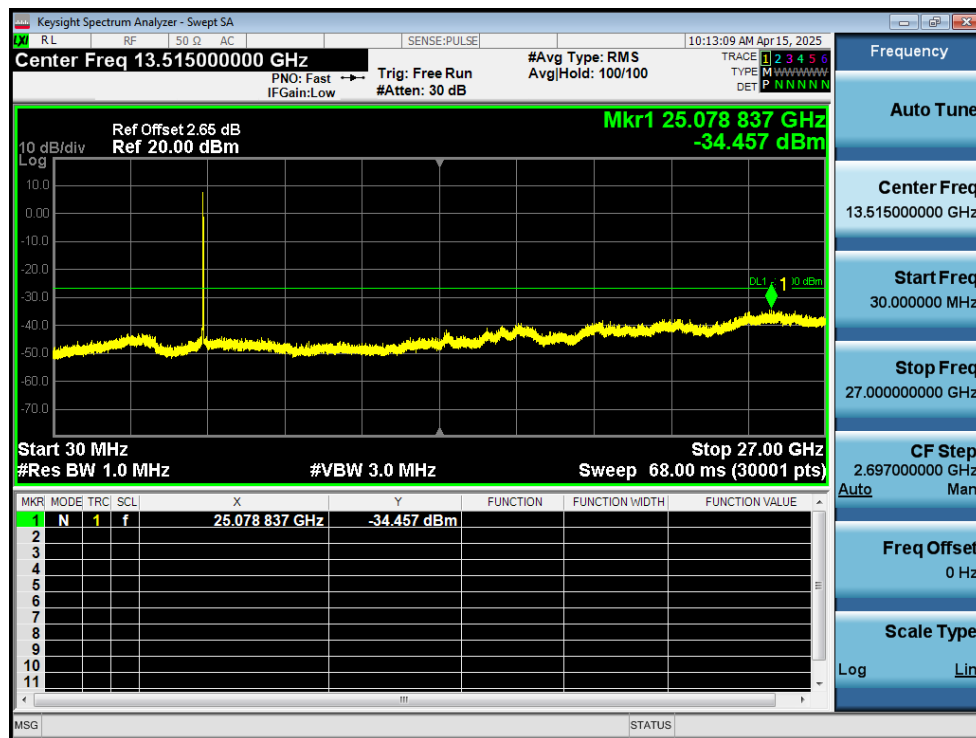
Tx. Spurious NVNT n20 5260MHz Ant1 Emission



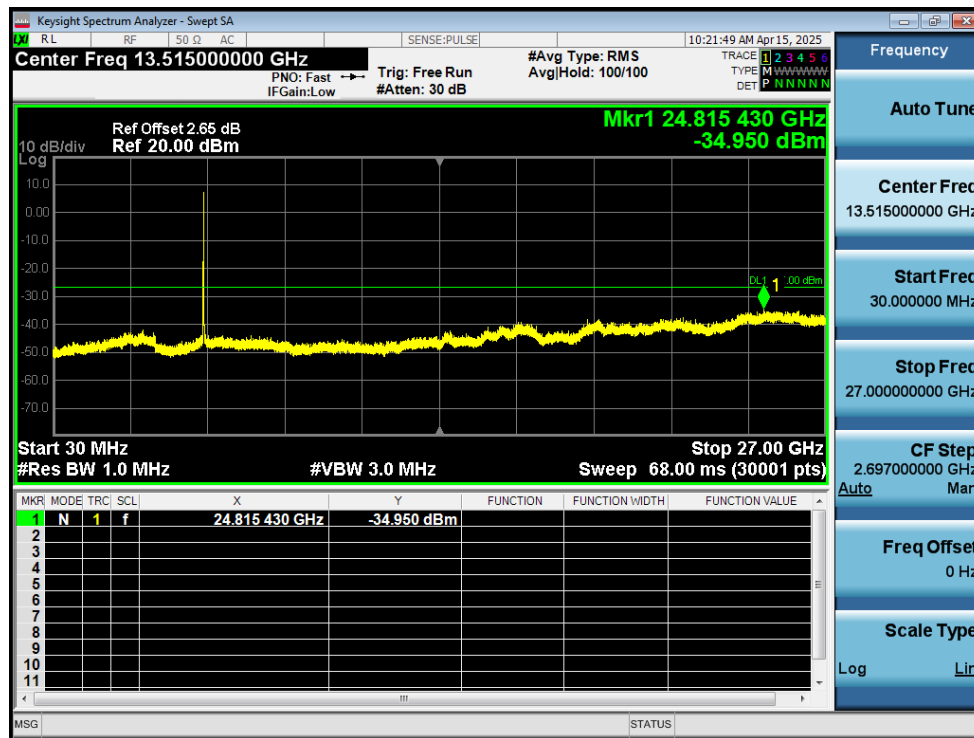
Tx. Spurious NVNT n20 5280MHz Ant1 Emission



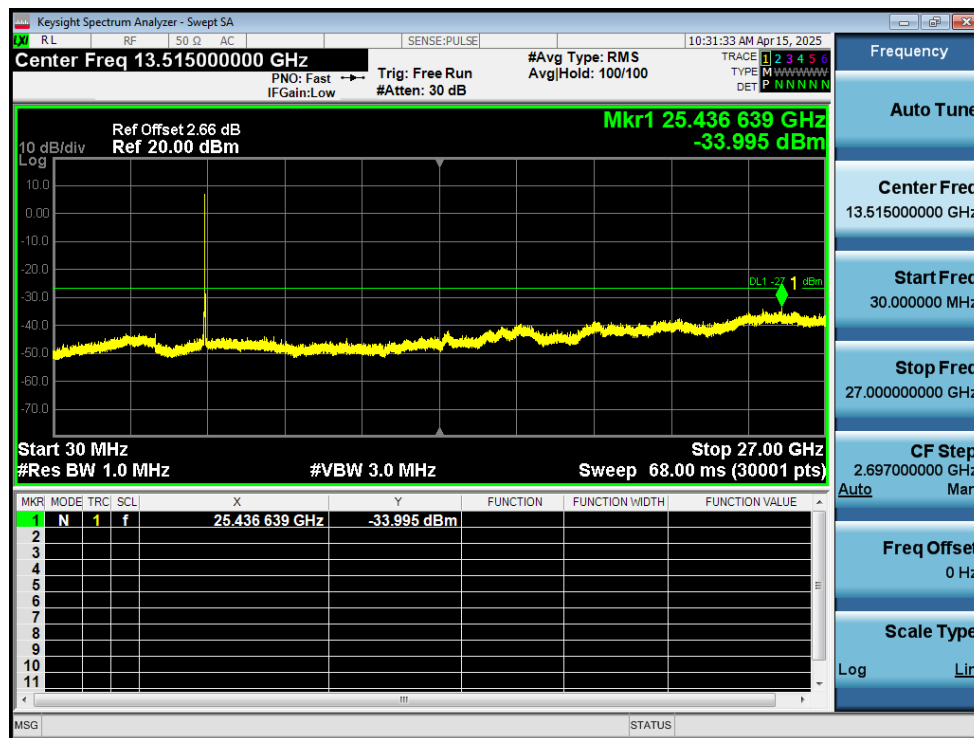
Tx. Spurious NVNT n20 5320MHz Ant1 Emission



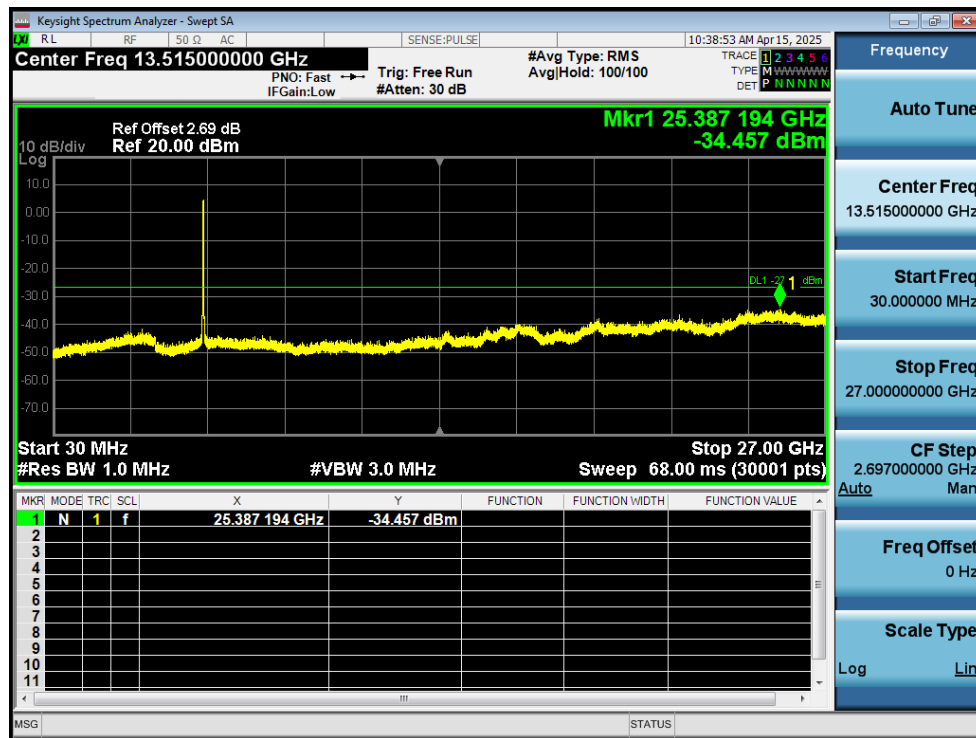
Tx. Spurious NVNT n20 5260MHz Ant2 Emission



Tx. Spurious NVNT n20 5280MHz Ant2 Emission



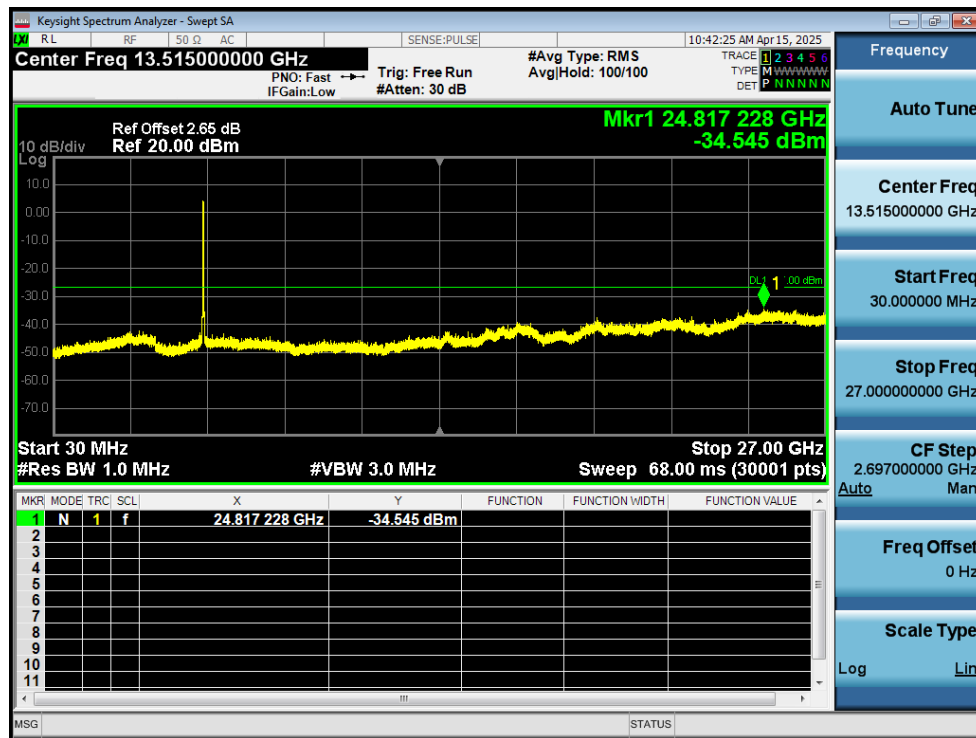
Tx. Spurious NVNT n20 5320MHz Ant2 Emission



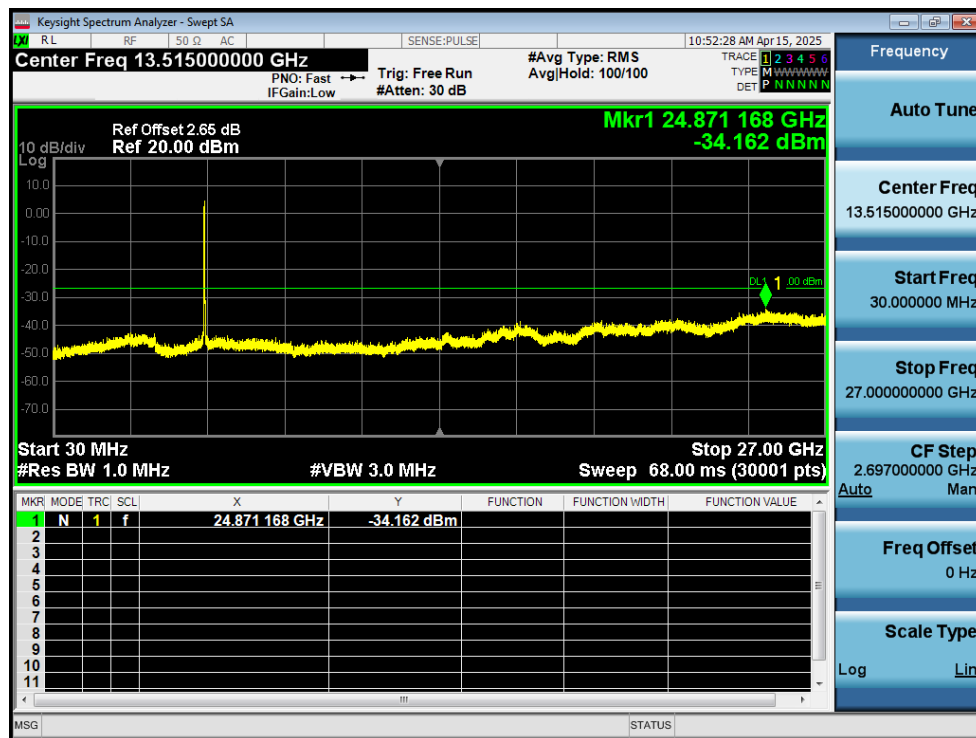
Tx. Spurious NVNT n40 5270MHz Ant1 Emission



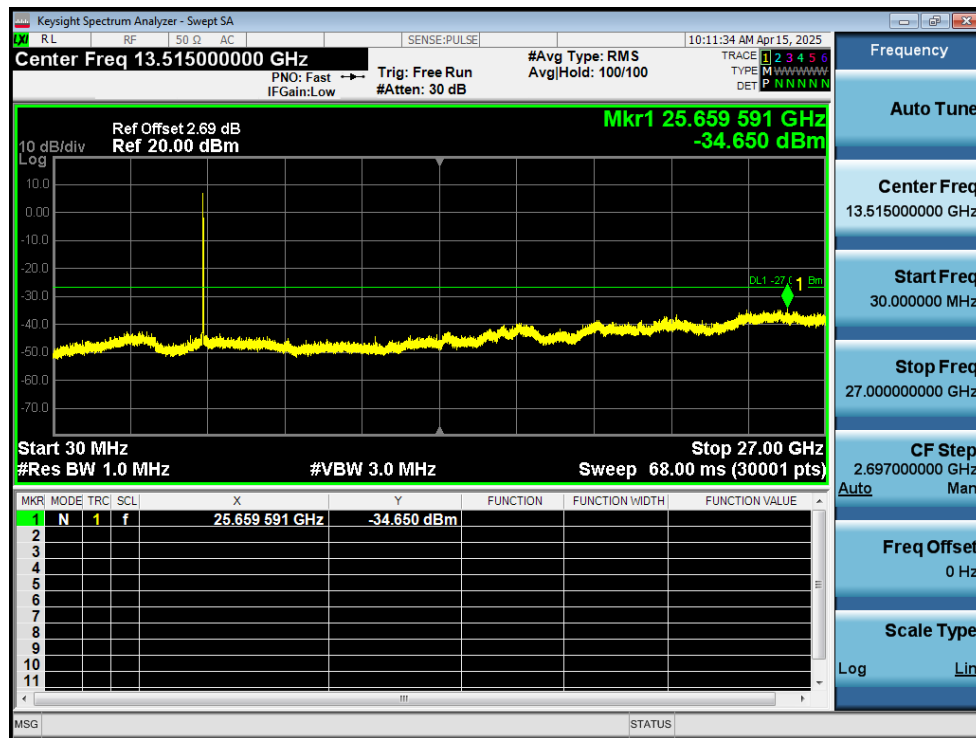
Tx. Spurious NVNT n40 5310MHz Ant1 Emission



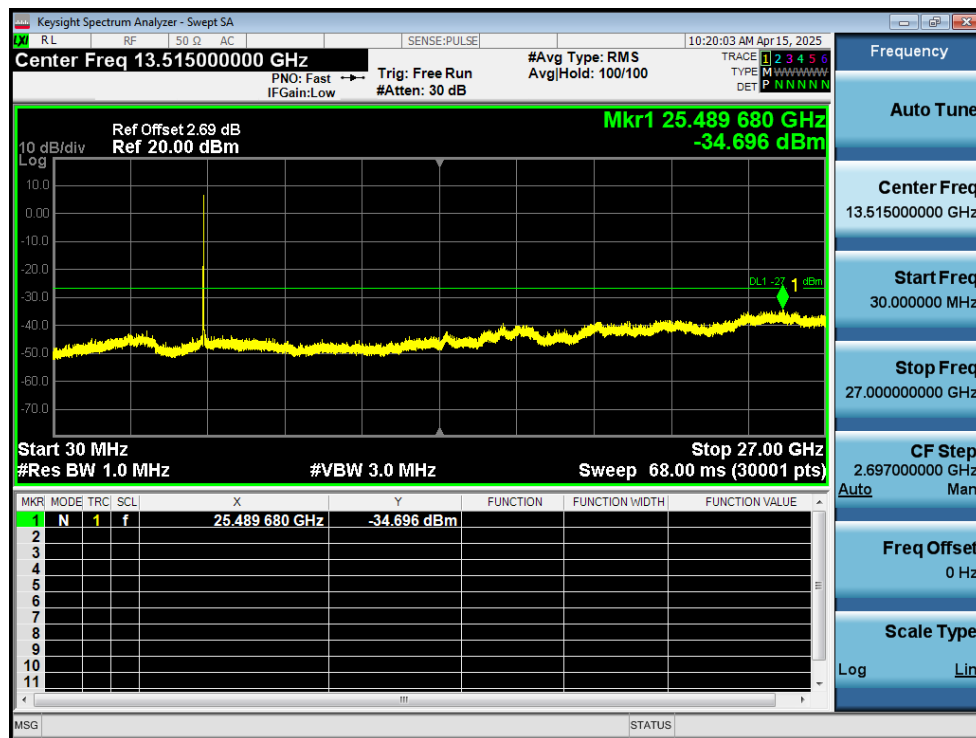
Tx. Spurious NVNT n40 5270MHz Ant2 Emission



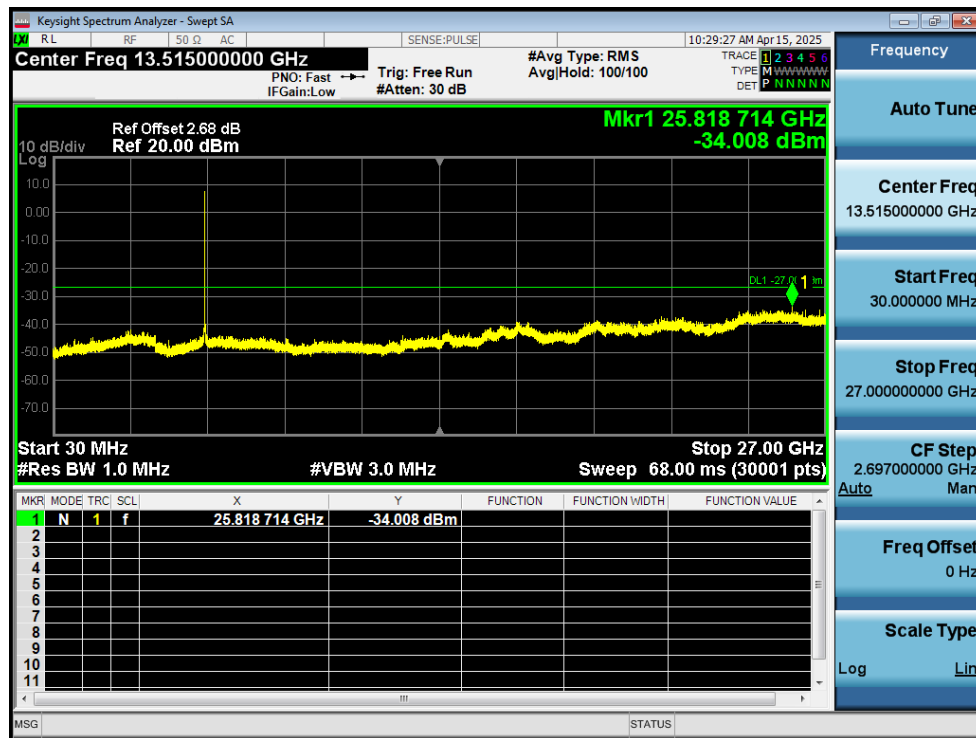
Tx. Spurious NVNT n40 5310MHz Ant2 Emission



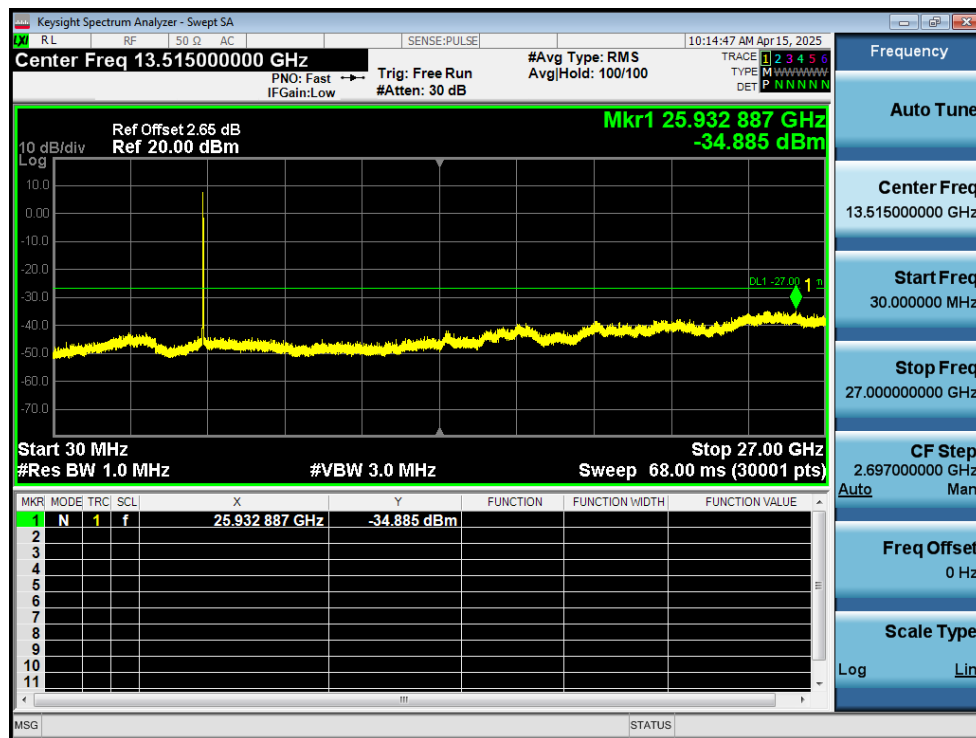
Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



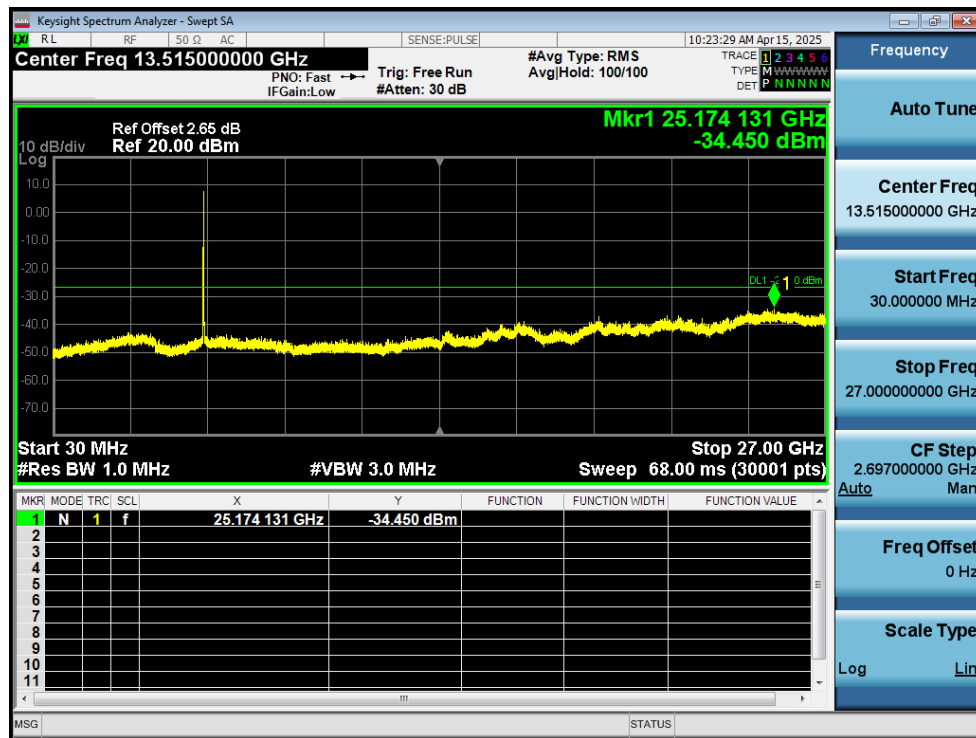
Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



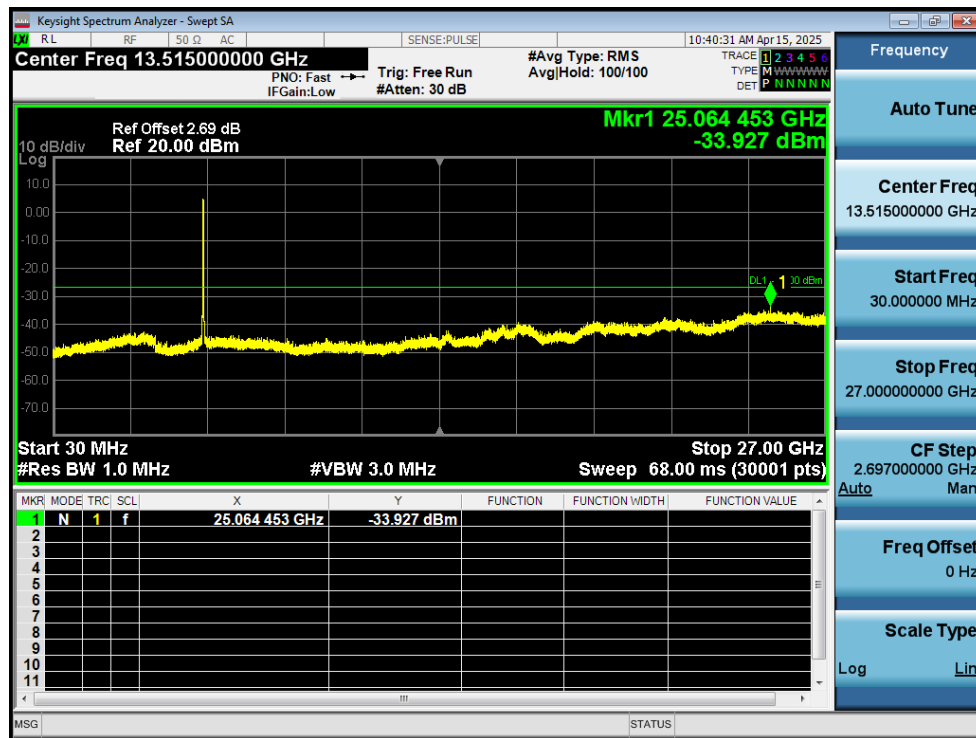
Tx. Spurious NVNT ac20 5260MHz Ant2 Emission



Tx. Spurious NVNT ac20 5280MHz Ant2 Emission



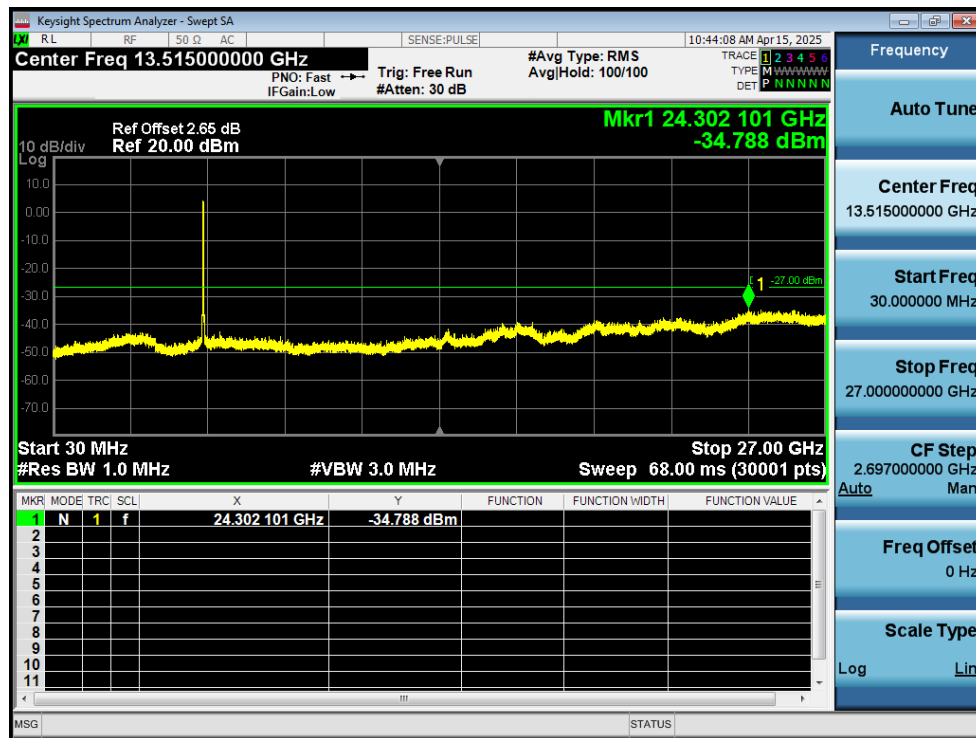
Tx. Spurious NVNT ac20 5320MHz Ant2 Emission



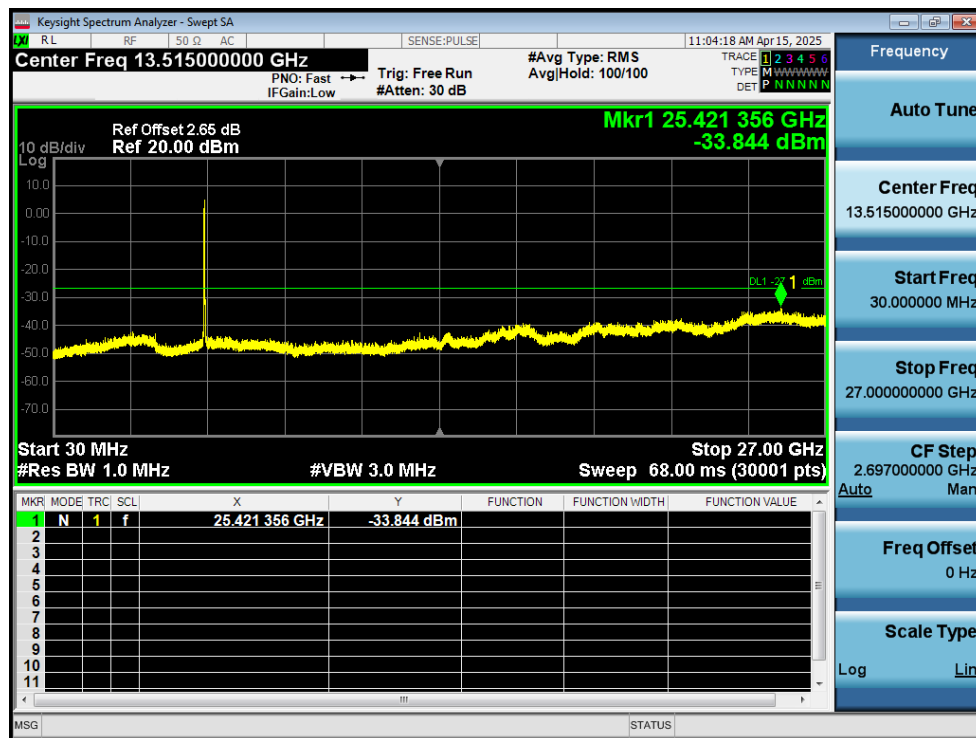
Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



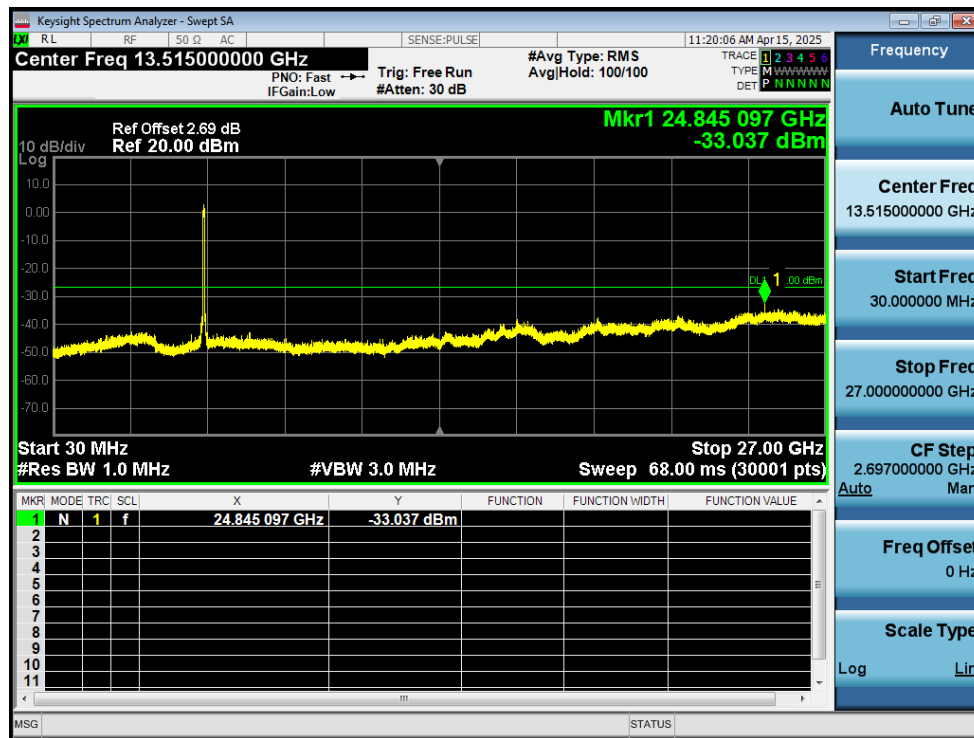
Tx. Spurious NVNT ac40 5310MHz Ant1 Emission



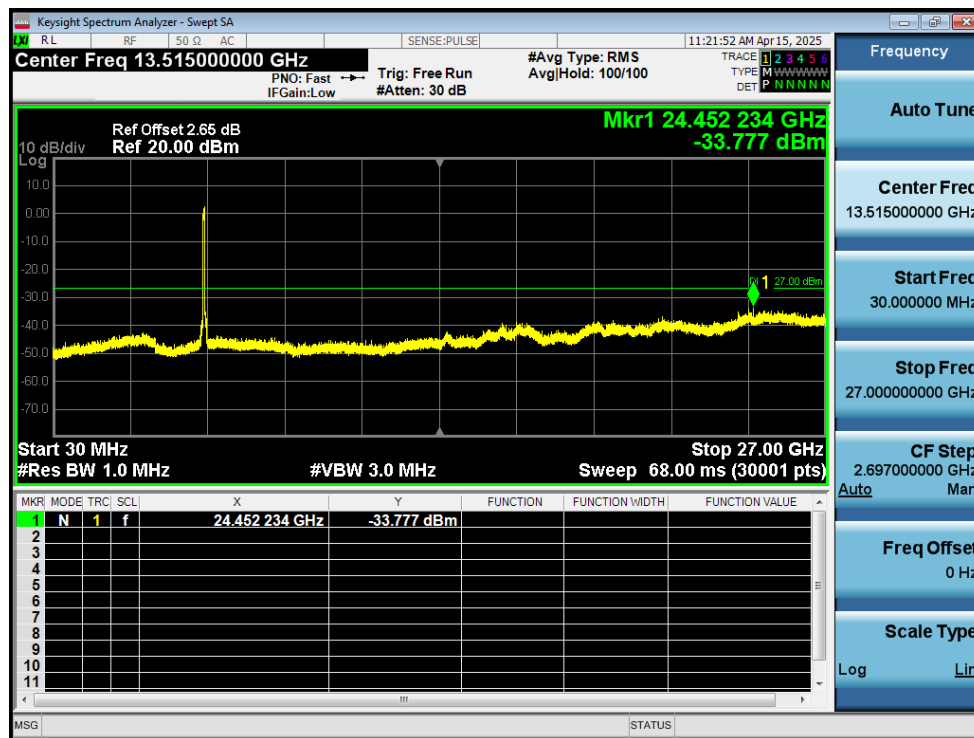
Tx. Spurious NVNT ac40 5270MHz Ant2 Emission



Tx. Spurious NVNT ac40 5310MHz Ant2 Emission



Tx. Spurious NVNT ac80 5290MHz Ant1 Emission



Tx. Spurious NVNT ac80 5290MHz Ant2 Emission