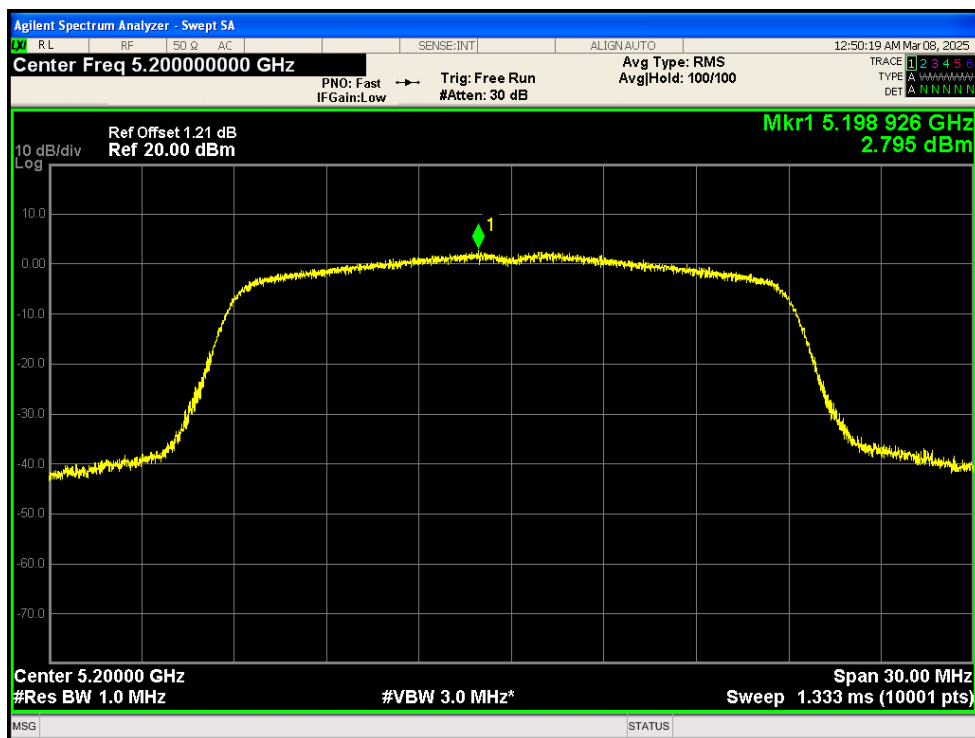
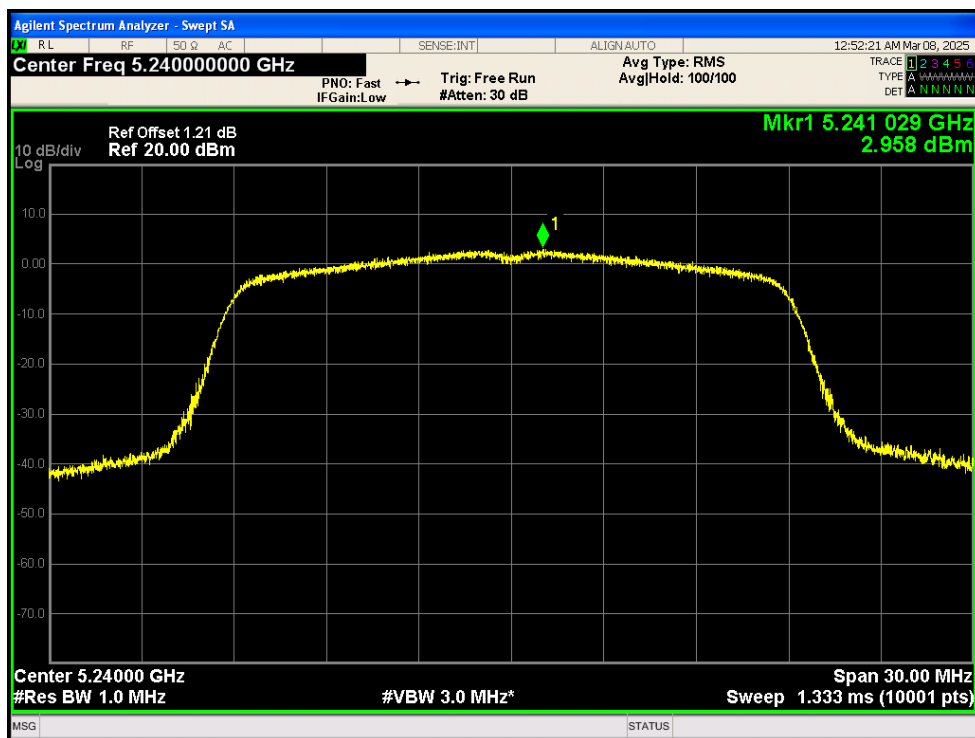
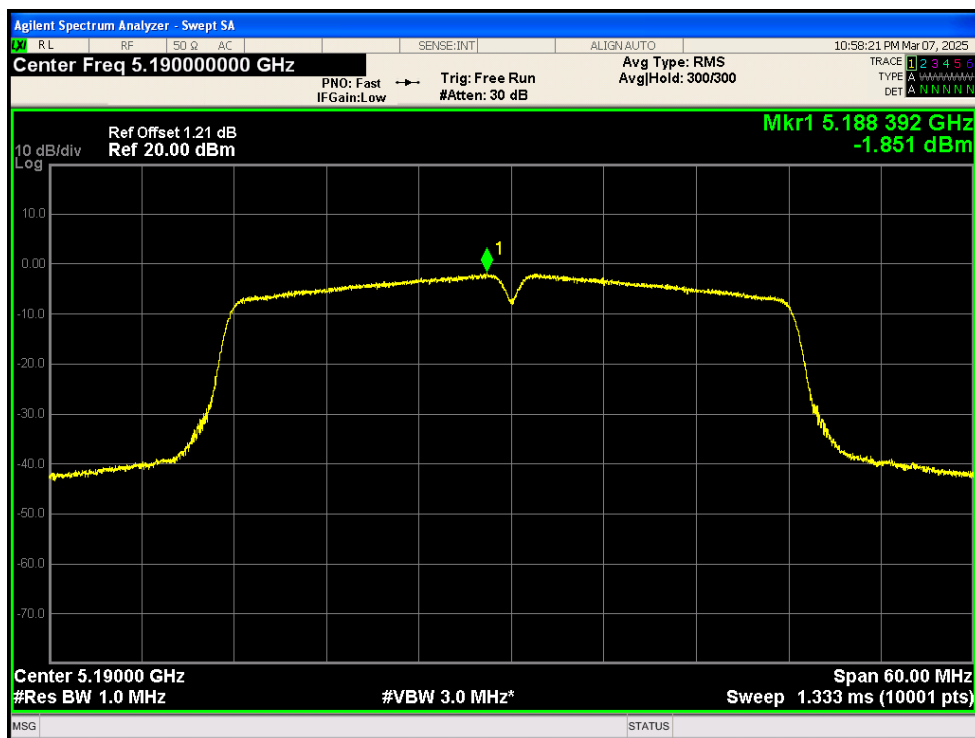




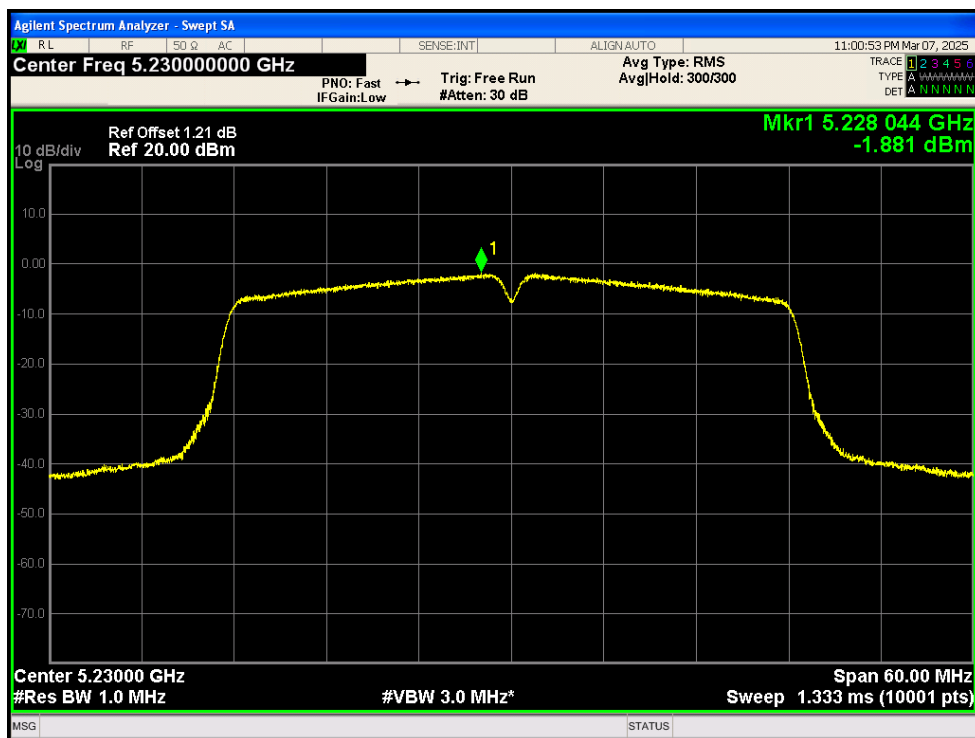
PSD NVNT n20 5240MHz Ant2



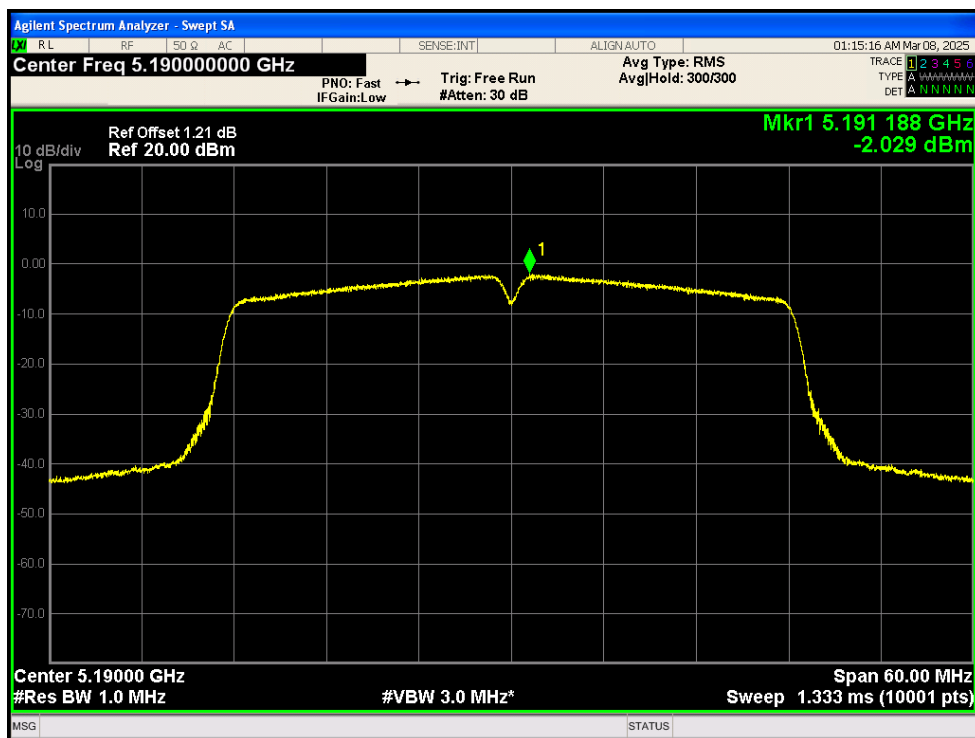
PSD NVNT n40 5190MHz Ant1



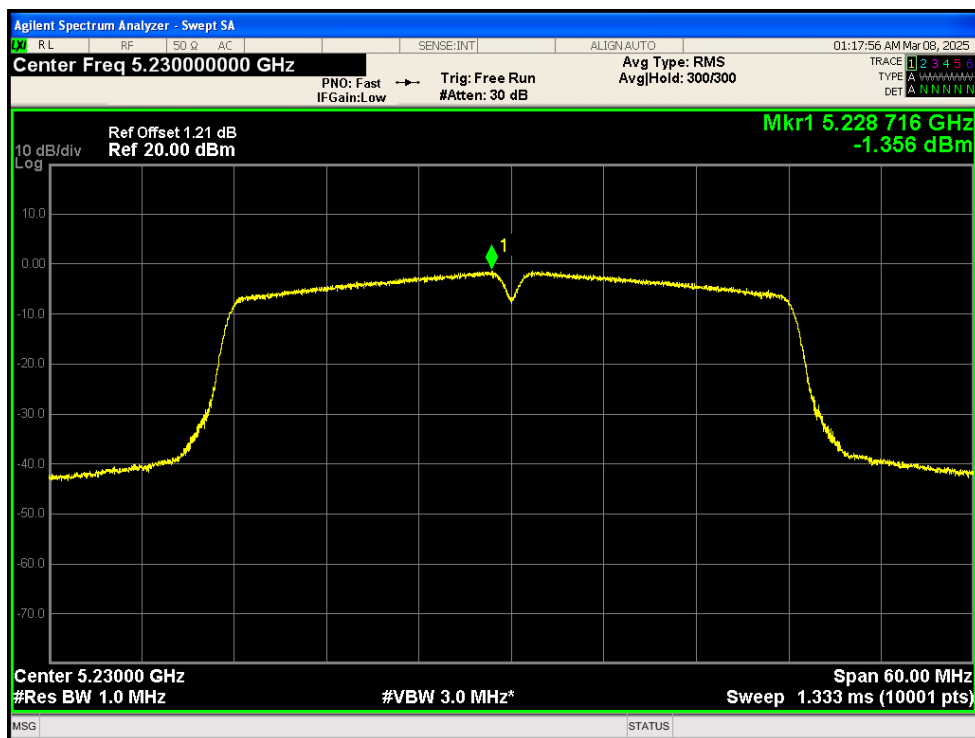
PSD NVNT n40 5230MHz Ant1



PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant2

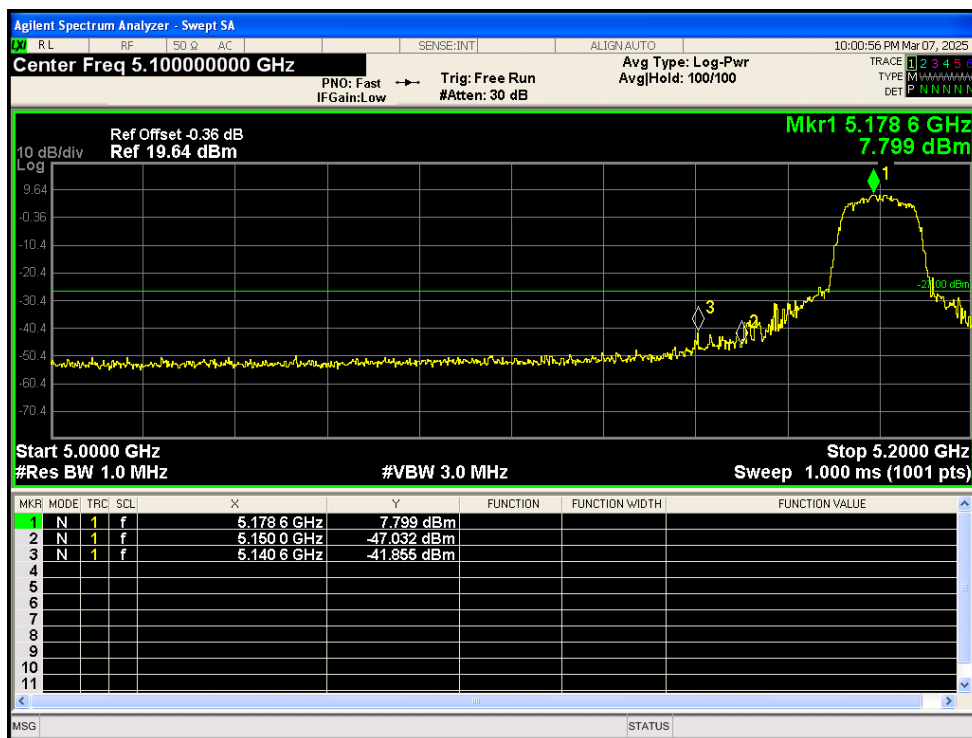


Band Edge

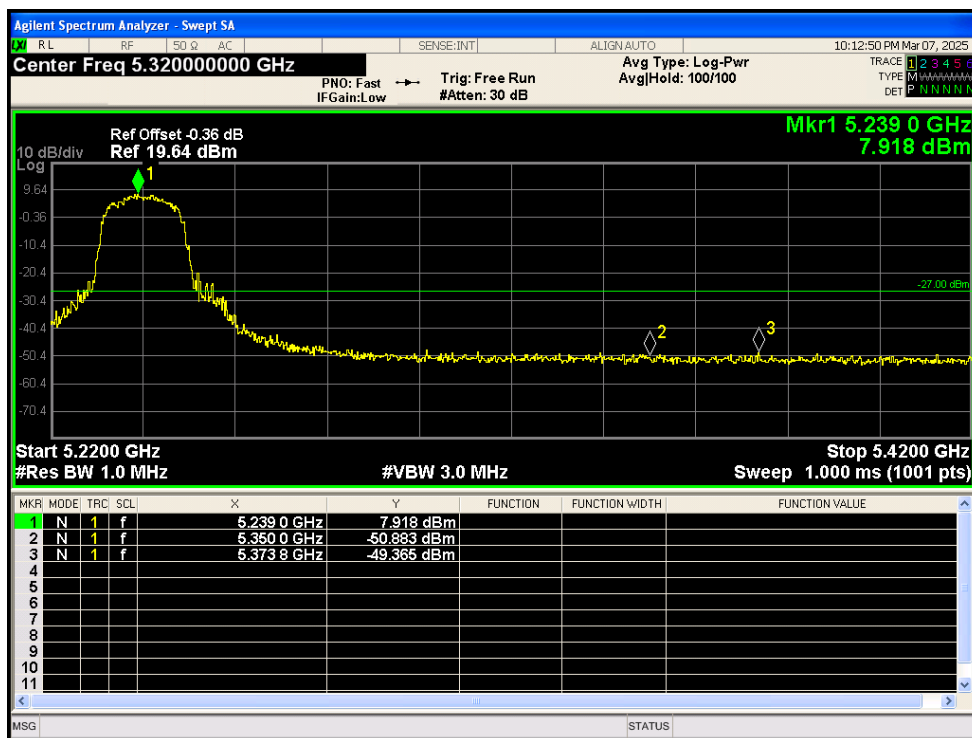
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-41.85	-27	Pass
NVNT	a	5240	Ant1	-49.36	-27	Pass
NVNT	a	5180	Ant2	-42.67	-27	Pass
NVNT	a	5240	Ant2	-48.33	-27	Pass
NVNT	ac20	5180	Ant1	-43.12	-27	Pass

NVNT	ac20	5240	Ant1	-48.83	-27	Pass
NVNT	ac20	5180	Ant2	-43.14	-27	Pass
NVNT	ac20	5240	Ant2	-48.42	-27	Pass
NVNT	ac40	5190	Ant1	-36.96	-27	Pass
NVNT	ac40	5230	Ant1	-49.24	-27	Pass
NVNT	ac40	5190	Ant2	-38.78	-27	Pass
NVNT	ac40	5230	Ant2	-47.98	-27	Pass
NVNT	ac80	5210	Ant1	-49.03	-27	Pass
NVNT	ac80	5210	Ant2	-48.05	-27	Pass
NVNT	ax20	5180	Ant1	-35.67	-27	Pass
NVNT	ax20	5240	Ant1	-48.07	-27	Pass
NVNT	ax20	5180	Ant2	-43.88	-27	Pass
NVNT	ax20	5240	Ant2	-47.9	-27	Pass
NVNT	ax40	5190	Ant1	-36.55	-27	Pass
NVNT	ax40	5230	Ant1	-48.6	-27	Pass
NVNT	ax40	5190	Ant2	-37.37	-27	Pass
NVNT	ax40	5230	Ant2	-47.1	-27	Pass
NVNT	ax80	5210	Ant1	-48.55	-27	Pass
NVNT	ax80	5210	Ant2	-48.26	-27	Pass
NVNT	n20	5180	Ant1	-44.12	-27	Pass
NVNT	n20	5240	Ant1	-48.25	-27	Pass
NVNT	n20	5180	Ant2	-43.04	-27	Pass
NVNT	n20	5240	Ant2	-48.02	-27	Pass
NVNT	n40	5190	Ant1	-37.03	-27	Pass
NVNT	n40	5230	Ant1	-49.52	-27	Pass
NVNT	n40	5190	Ant2	-36.38	-27	Pass
NVNT	n40	5230	Ant2	-48.79	-27	Pass

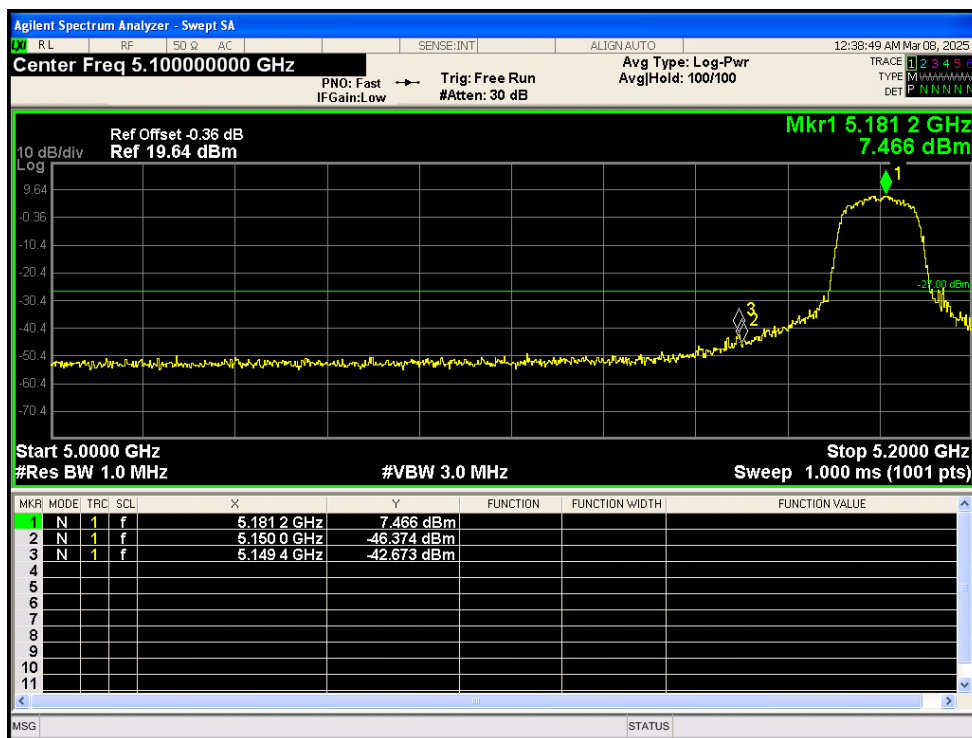
Band Edge NVNT a 5180MHz Low Ant1



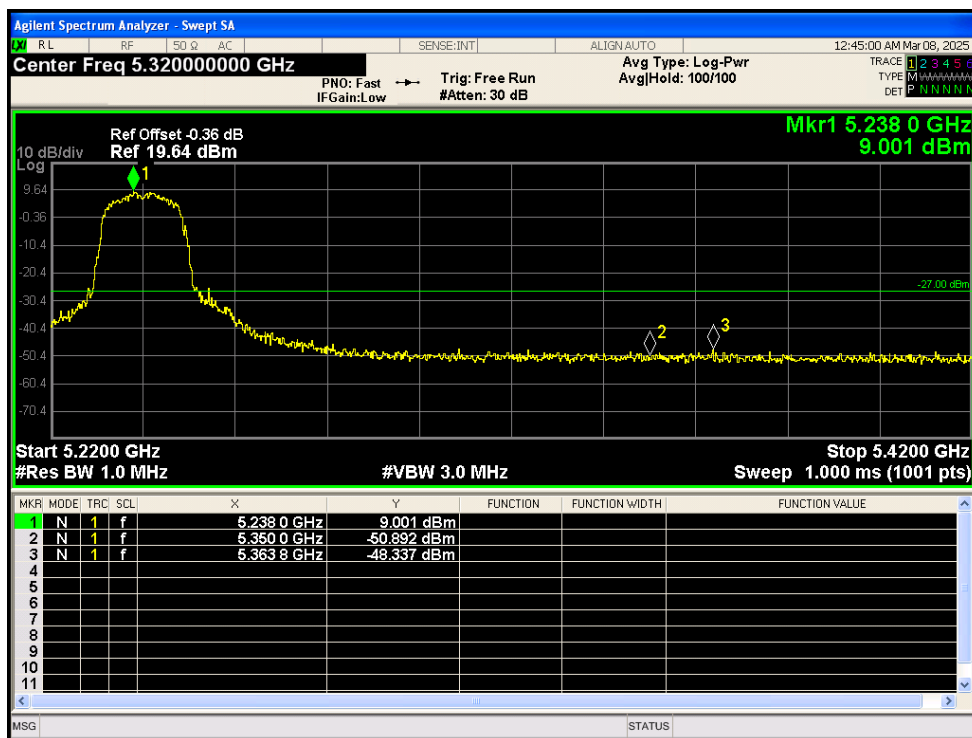
Band Edge NVNT a 5240MHz High Ant1



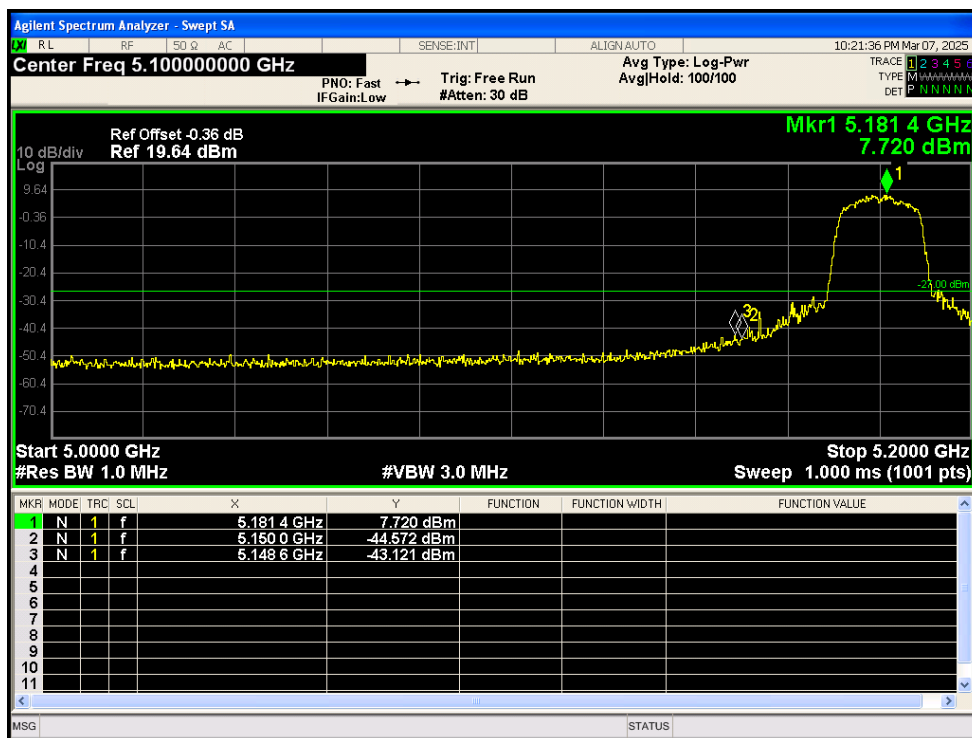
Band Edge NVNT a 5180MHz Low Ant2



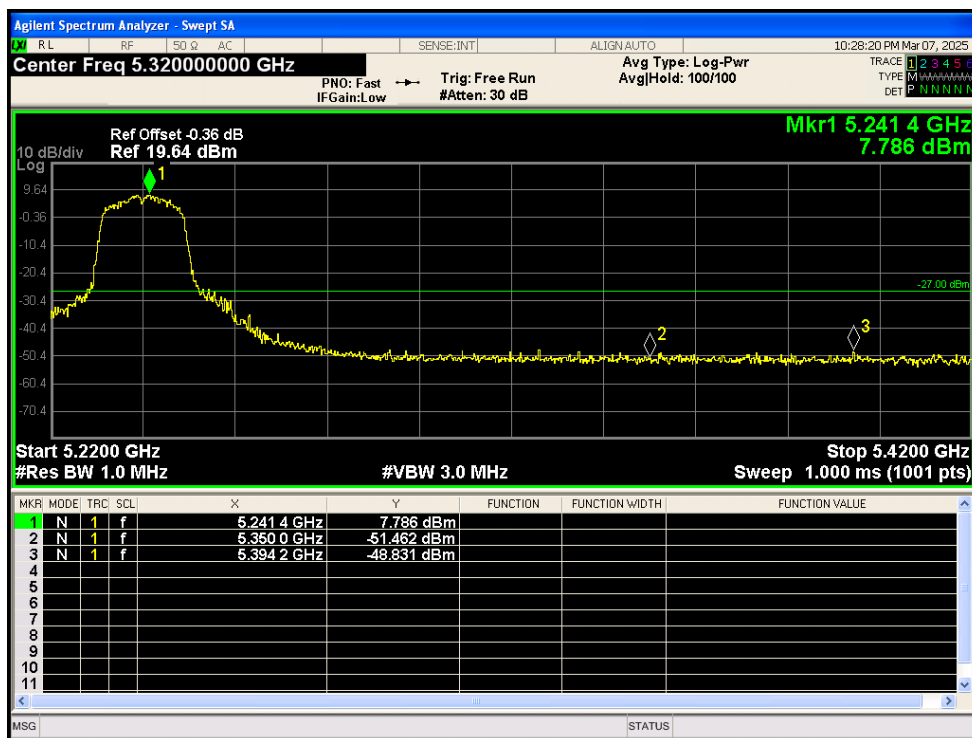
Band Edge NVNT a 5240MHz High Ant2



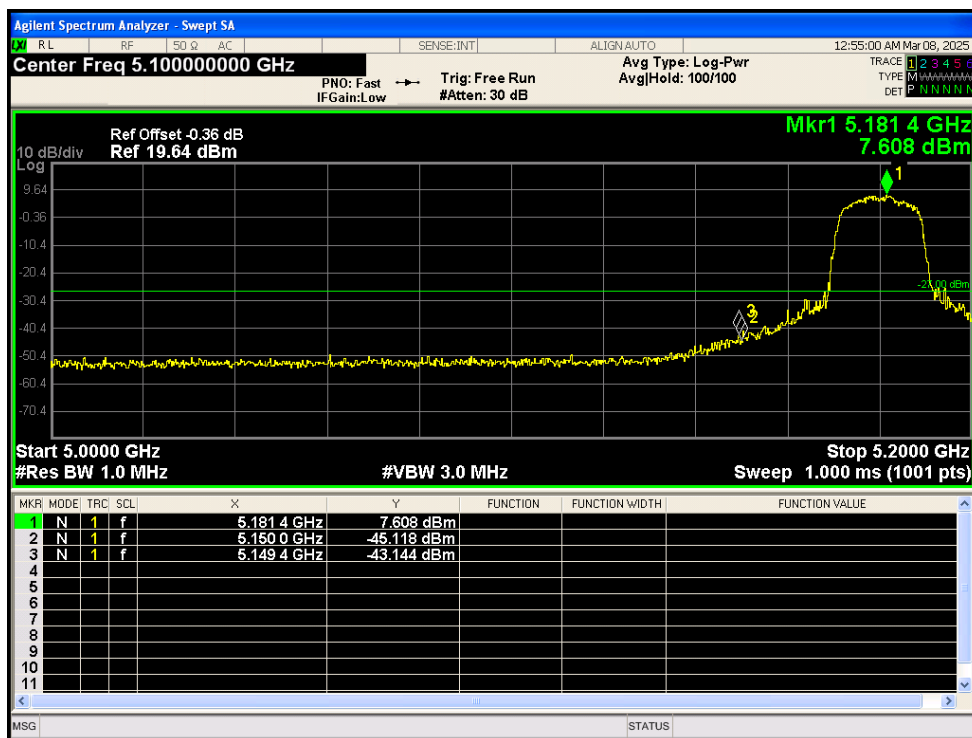
Band Edge NVNT ac20 5180MHz Low Ant1



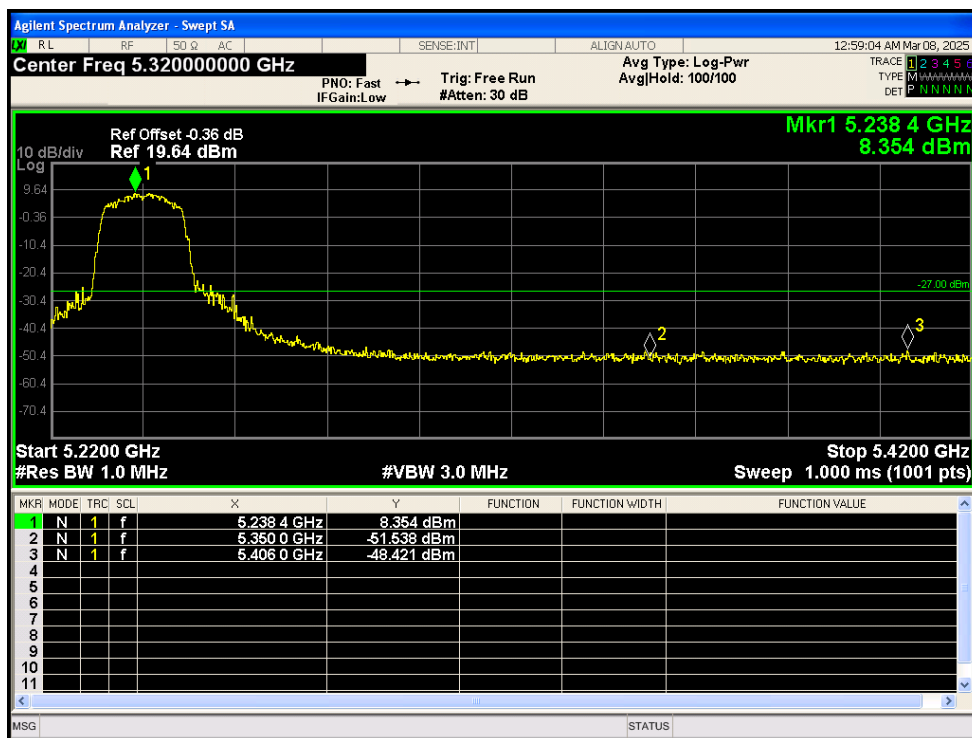
Band Edge NVNT ac20 5240MHz High Ant1



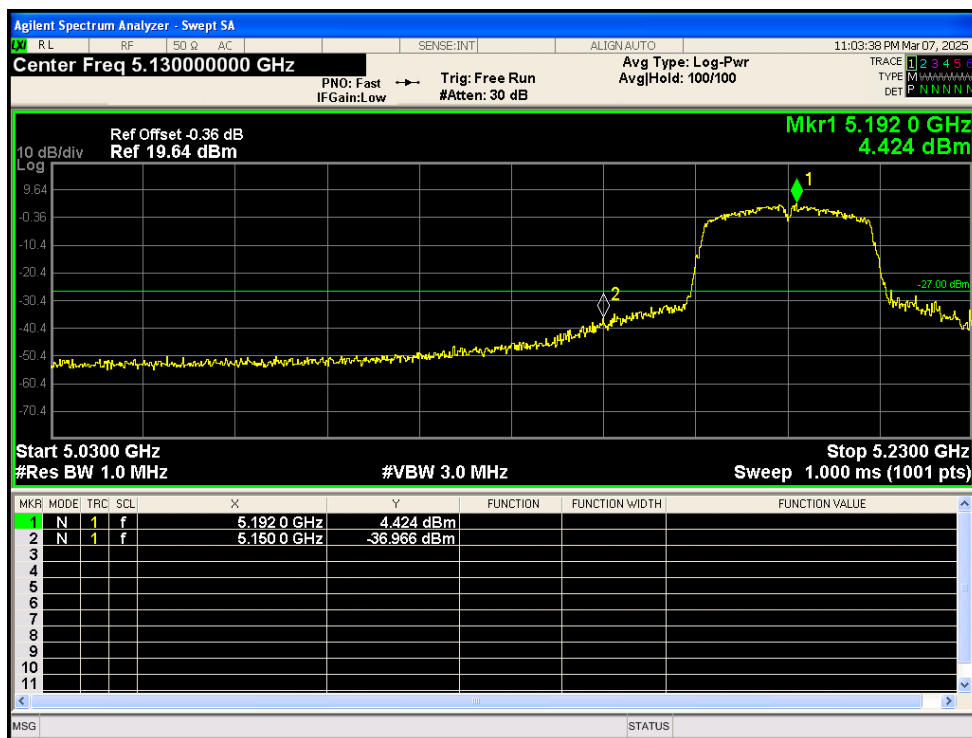
Band Edge NVNT ac20 5180MHz Low Ant2



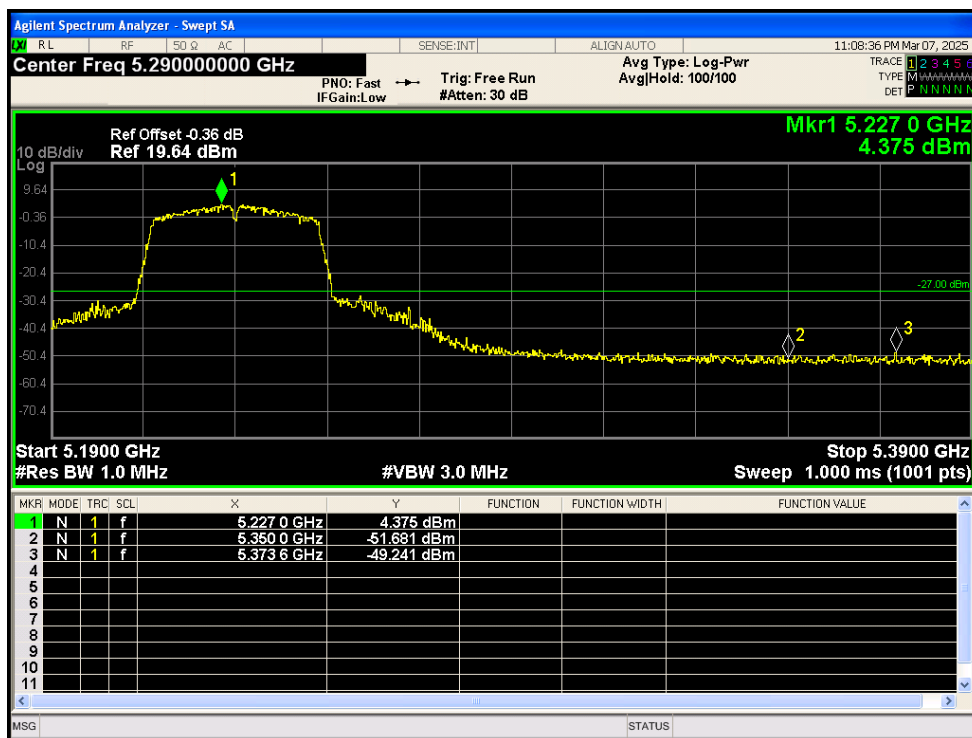
Band Edge NVNT ac20 5240MHz High Ant2



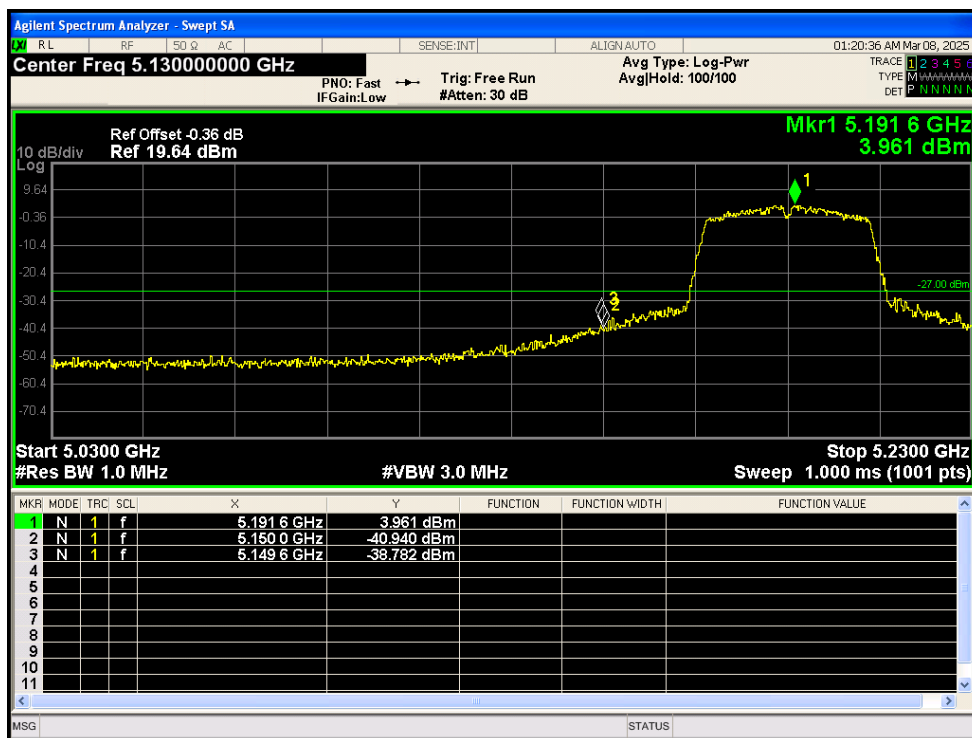
Band Edge NVNT ac40 5190MHz Low Ant1



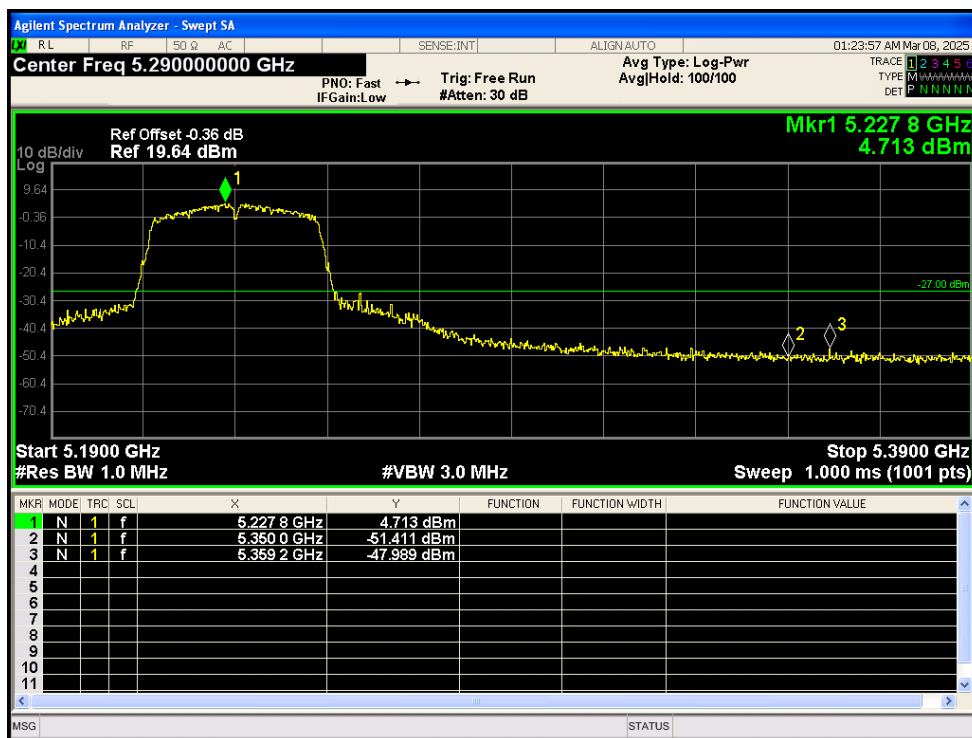
Band Edge NVNT ac40 5230MHz High Ant1



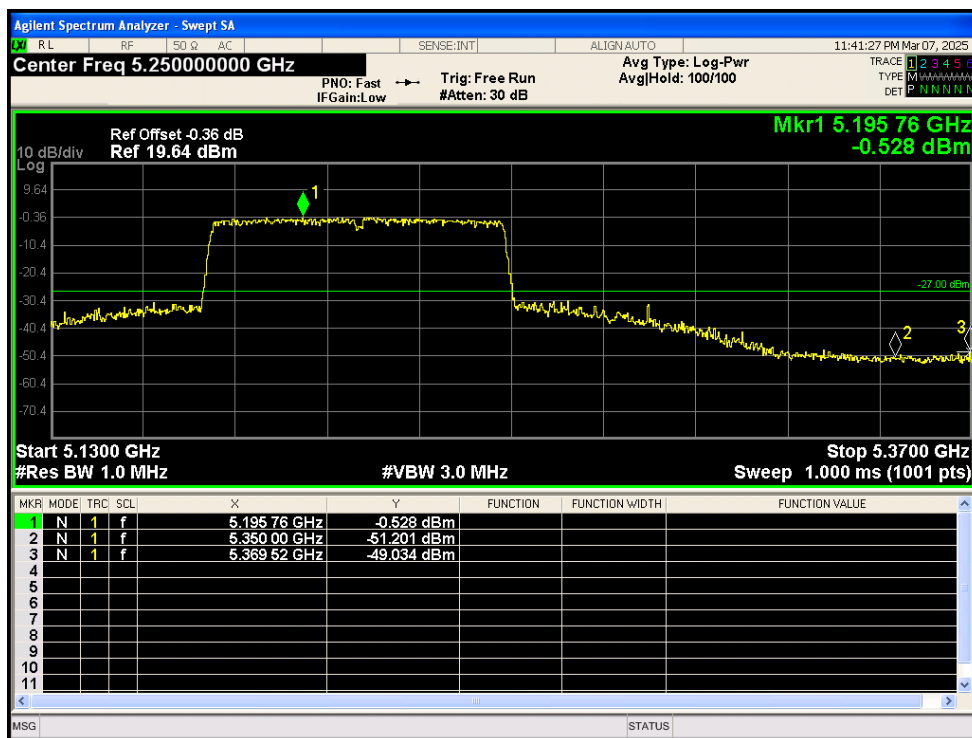
Band Edge NVNT ac40 5190MHz Low Ant2



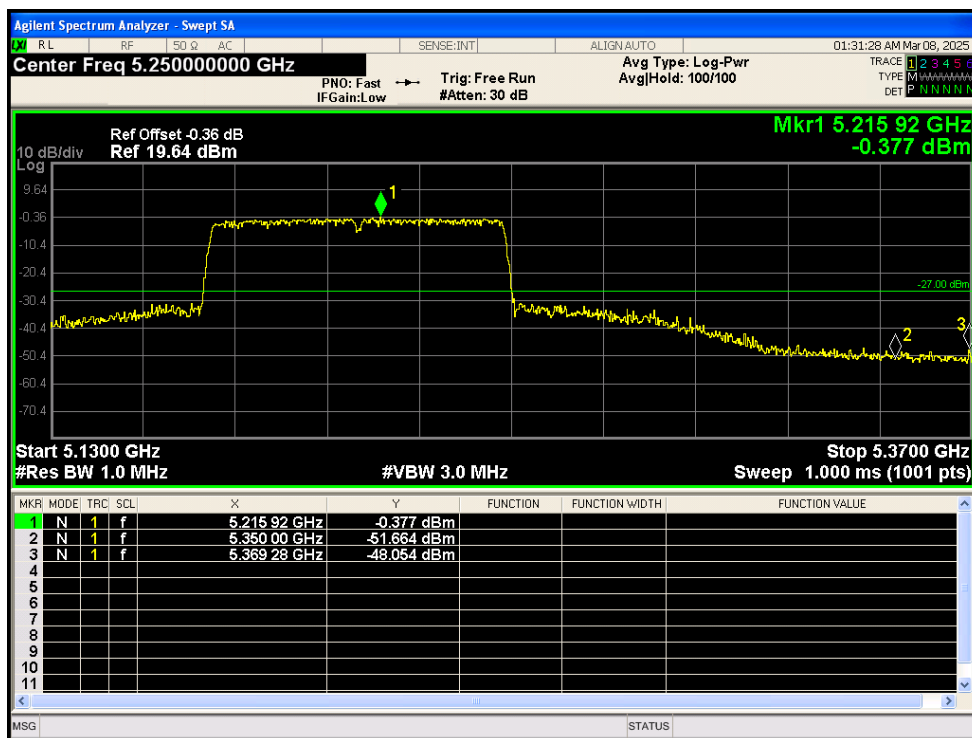
Band Edge NVNT ac40 5230MHz High Ant2



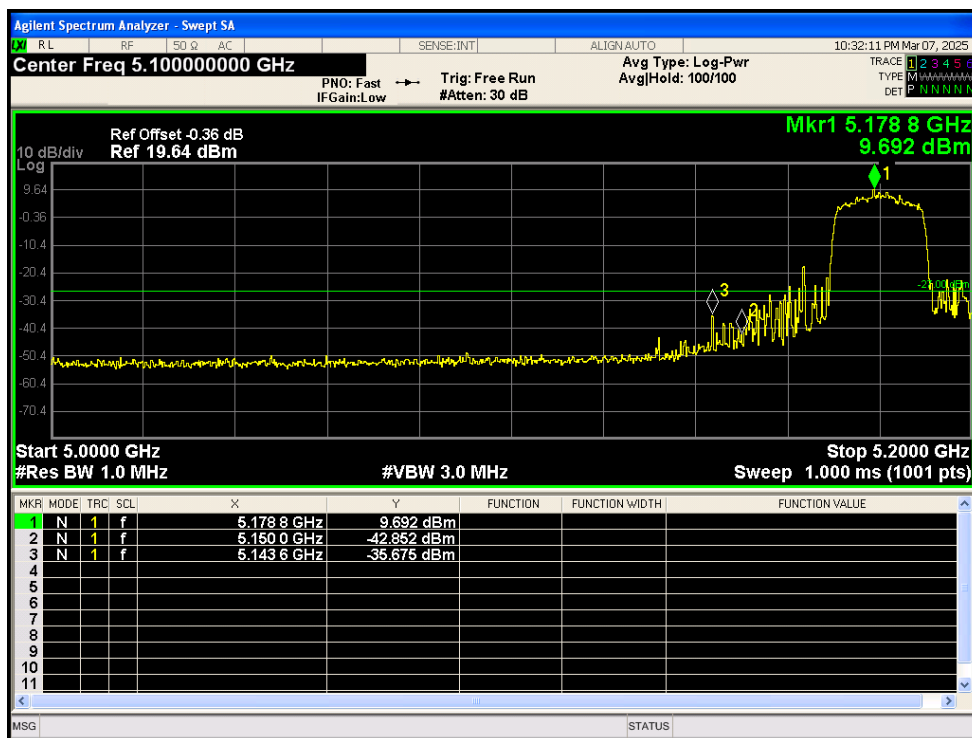
Band Edge NVNT ac80 5210MHz High Ant1



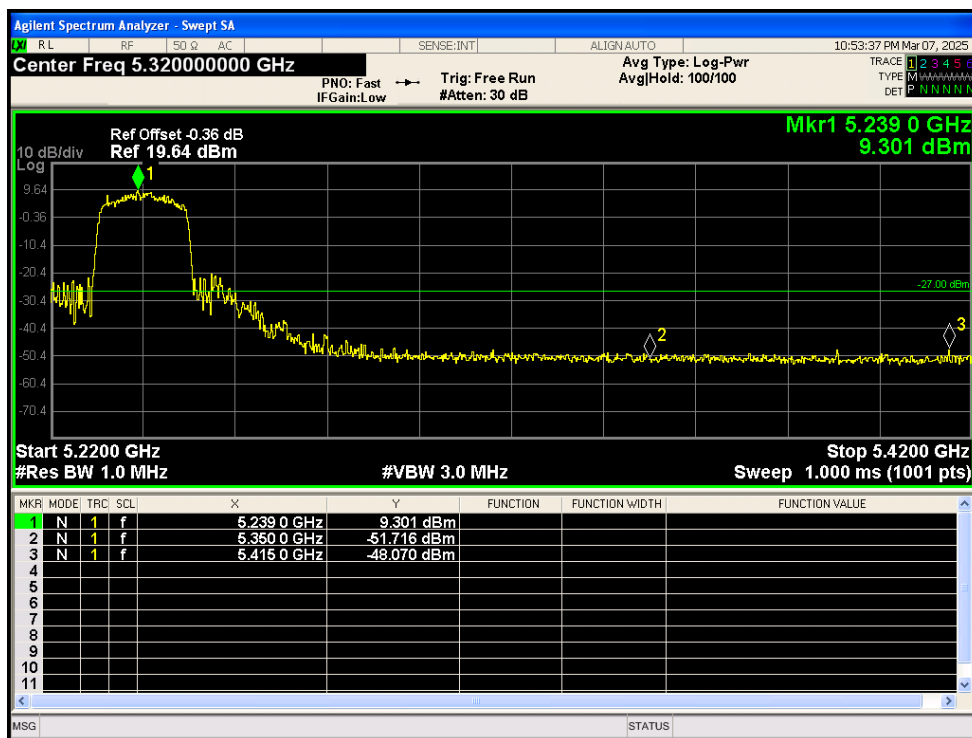
Band Edge NVNT ac80 5210MHz High Ant2



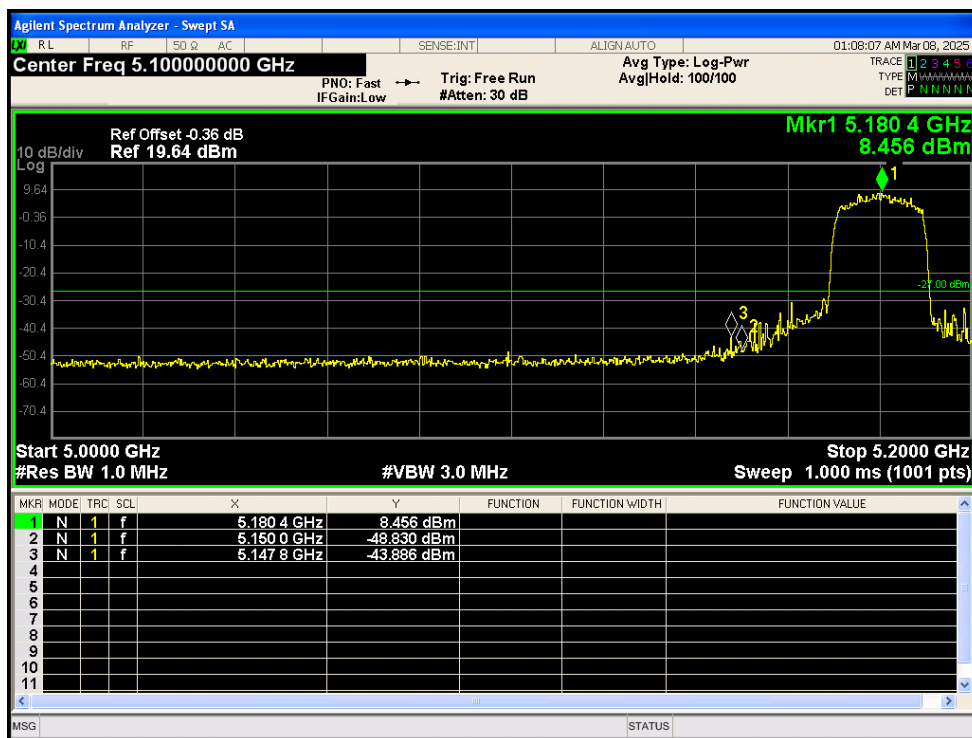
Band Edge NVNT ax20 5180MHz Low Ant1



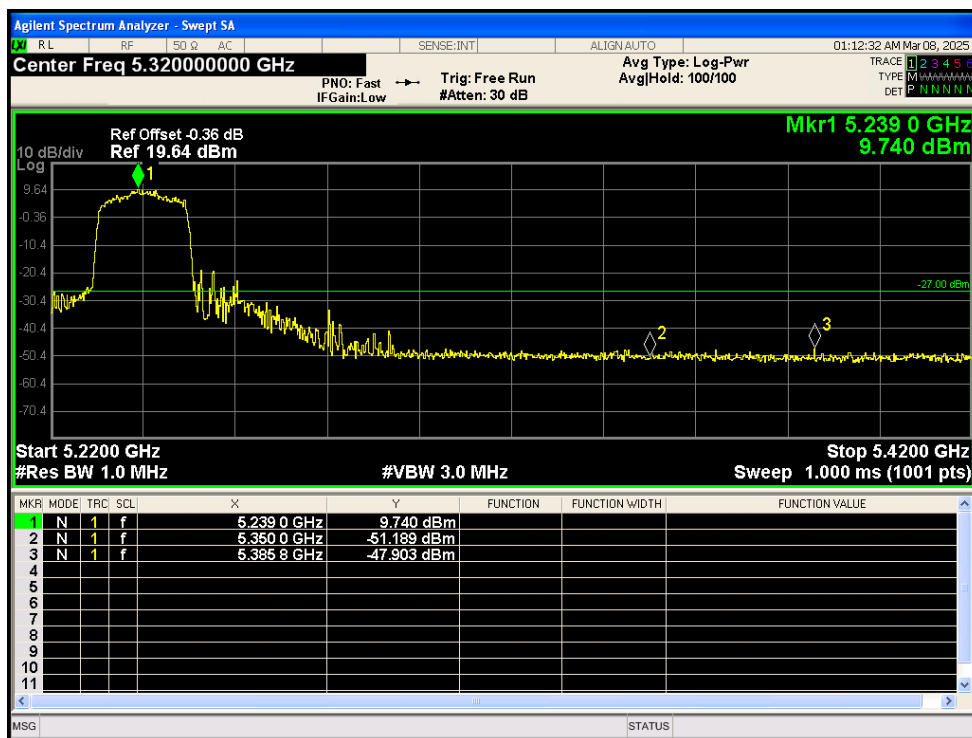
Band Edge NVNT ax20 5240MHz High Ant1



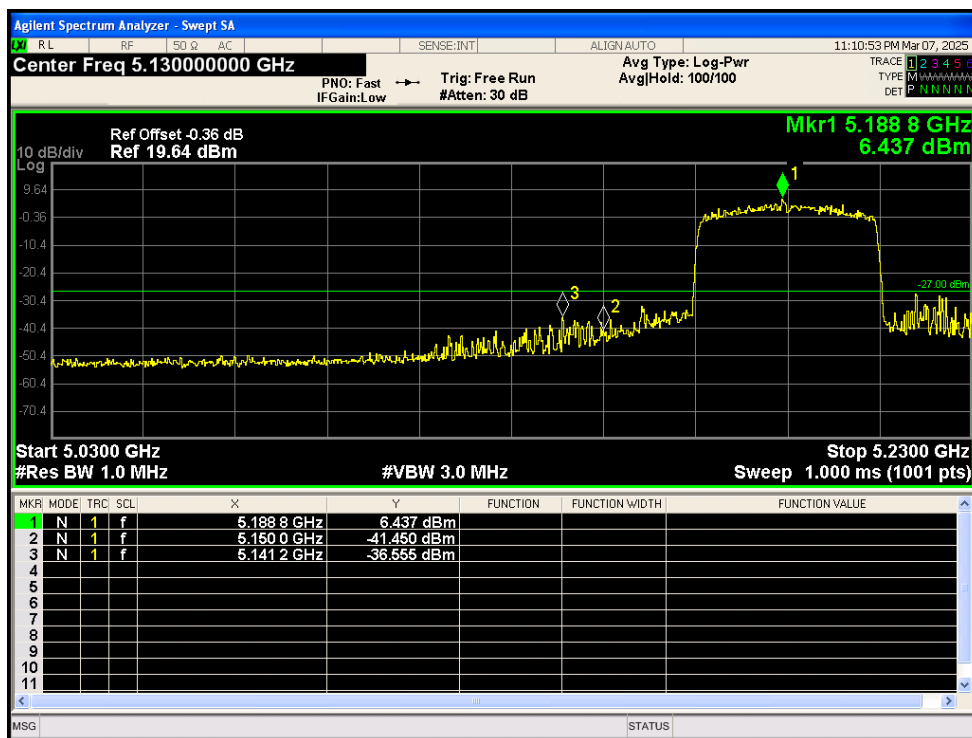
Band Edge NVNT ax20 5180MHz Low Ant2



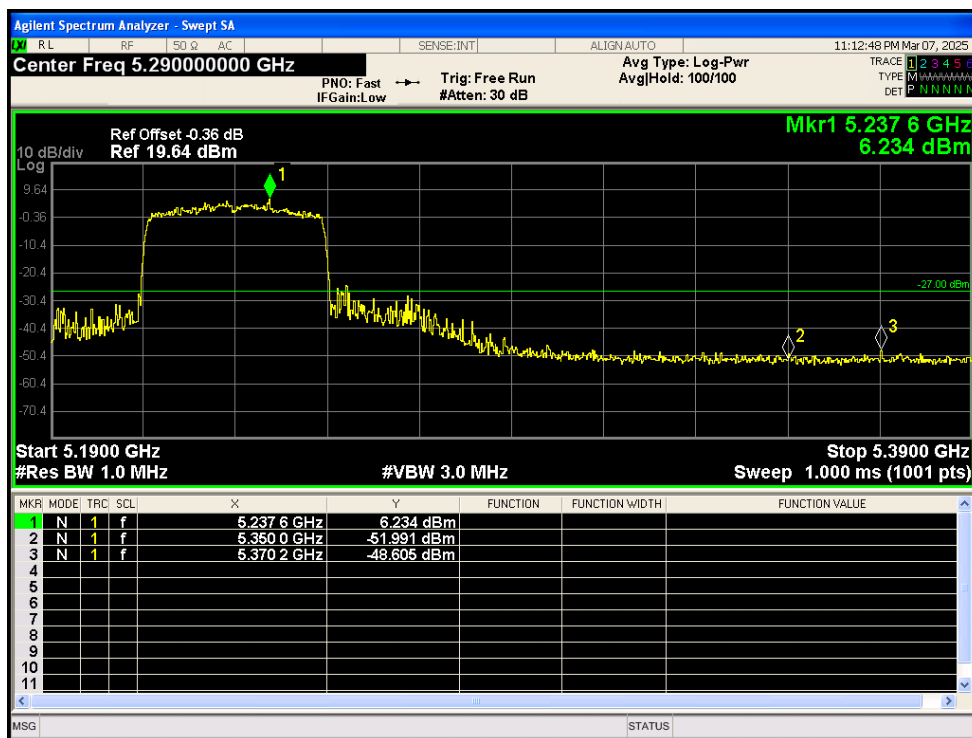
Band Edge NVNT ax20 5240MHz High Ant2



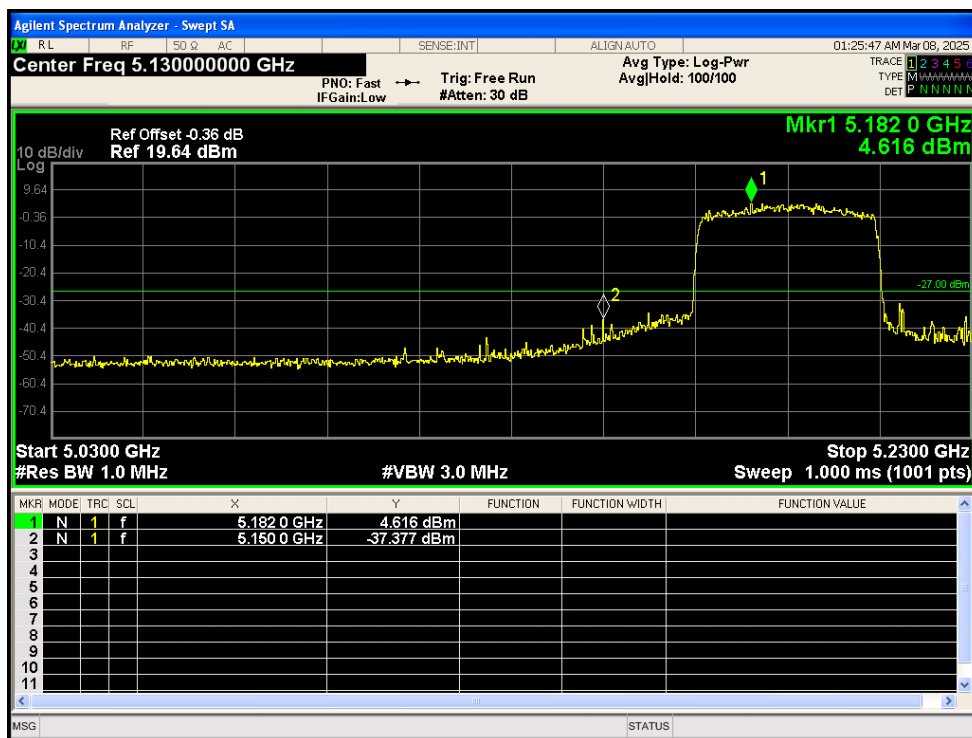
Band Edge NVNT ax40 5190MHz Low Ant1



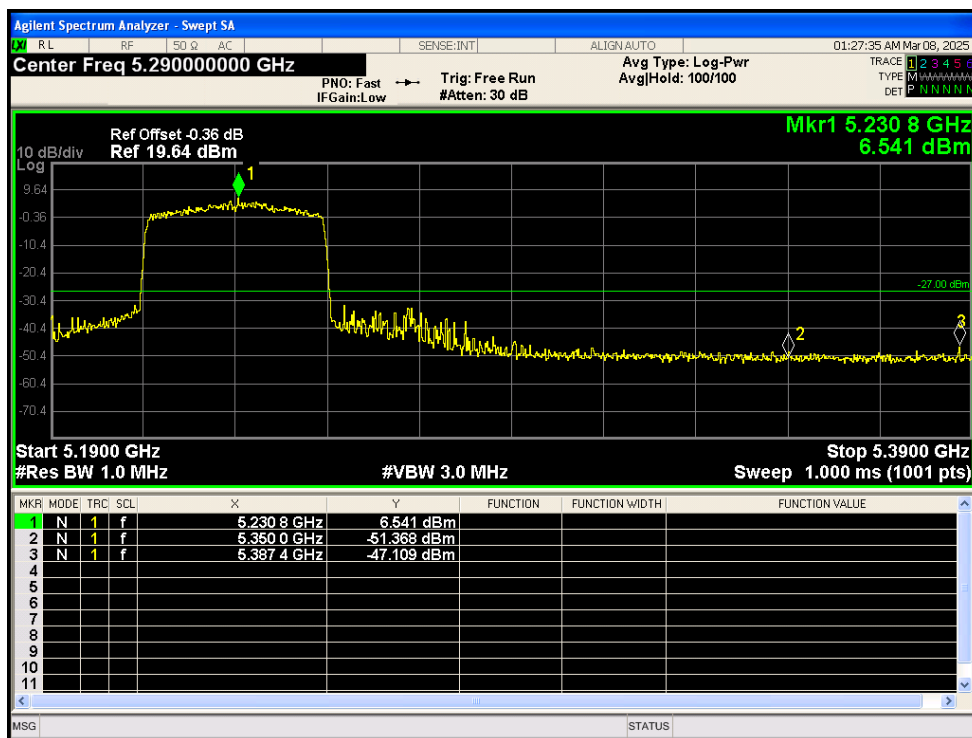
Band Edge NVNT ax40 5230MHz High Ant1



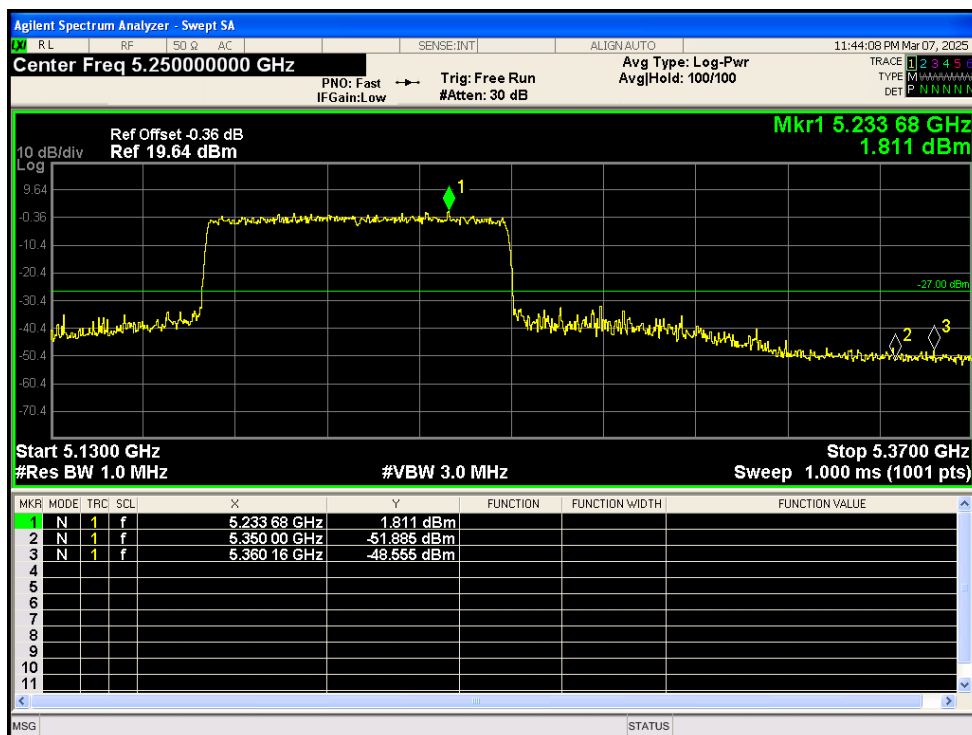
Band Edge NVNT ax40 5190MHz Low Ant2



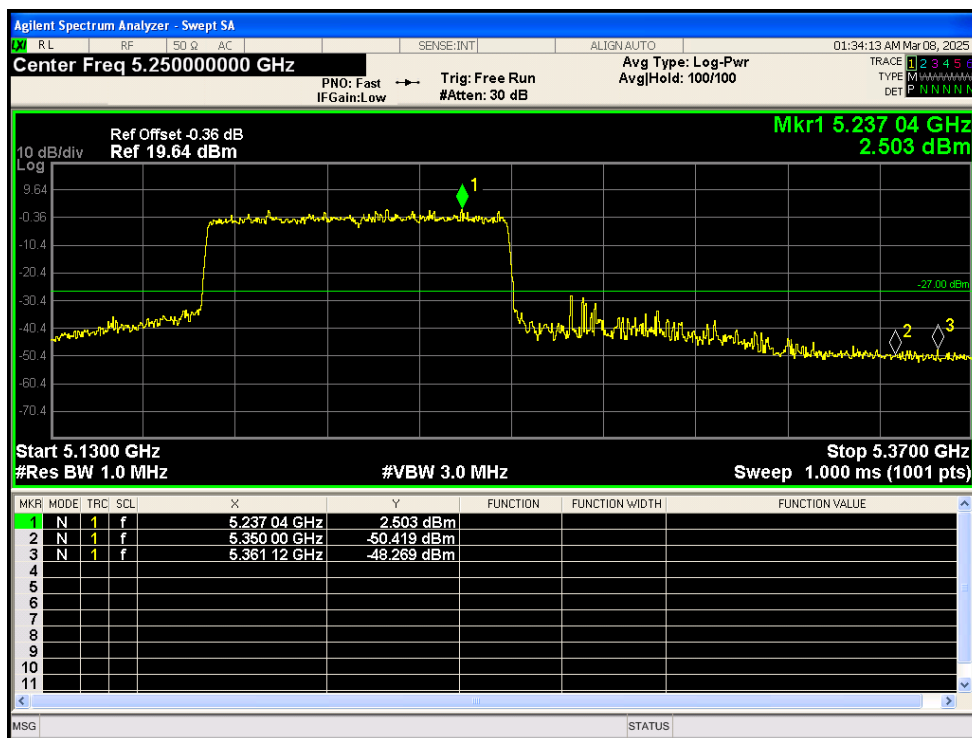
Band Edge NVNT ax40 5230MHz High Ant2



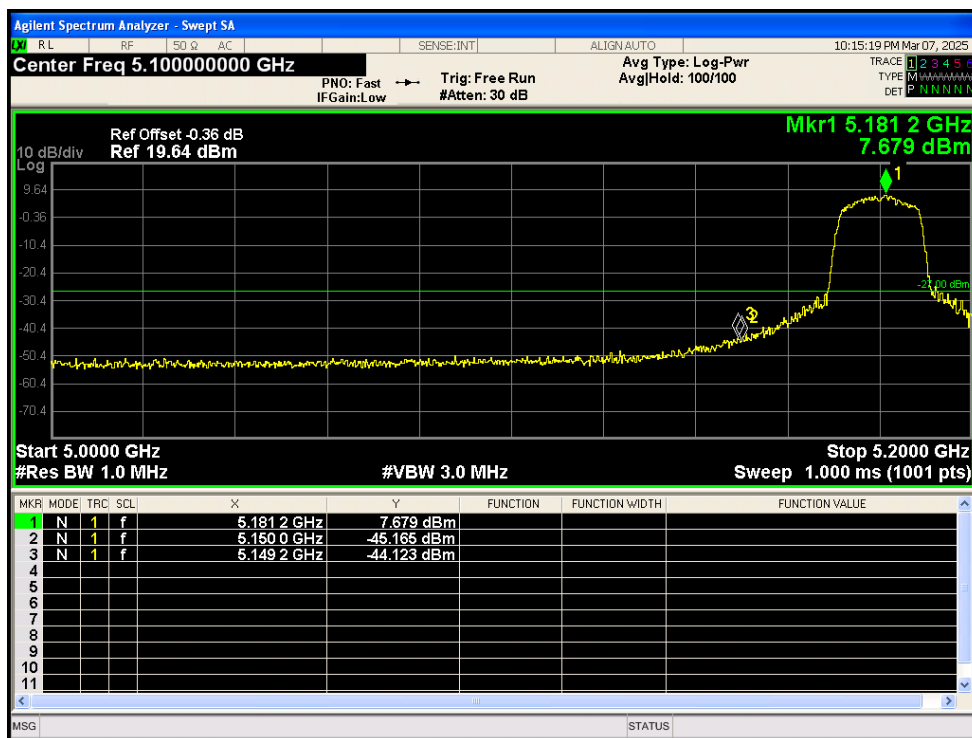
Band Edge NVNT ax80 5210MHz High Ant1



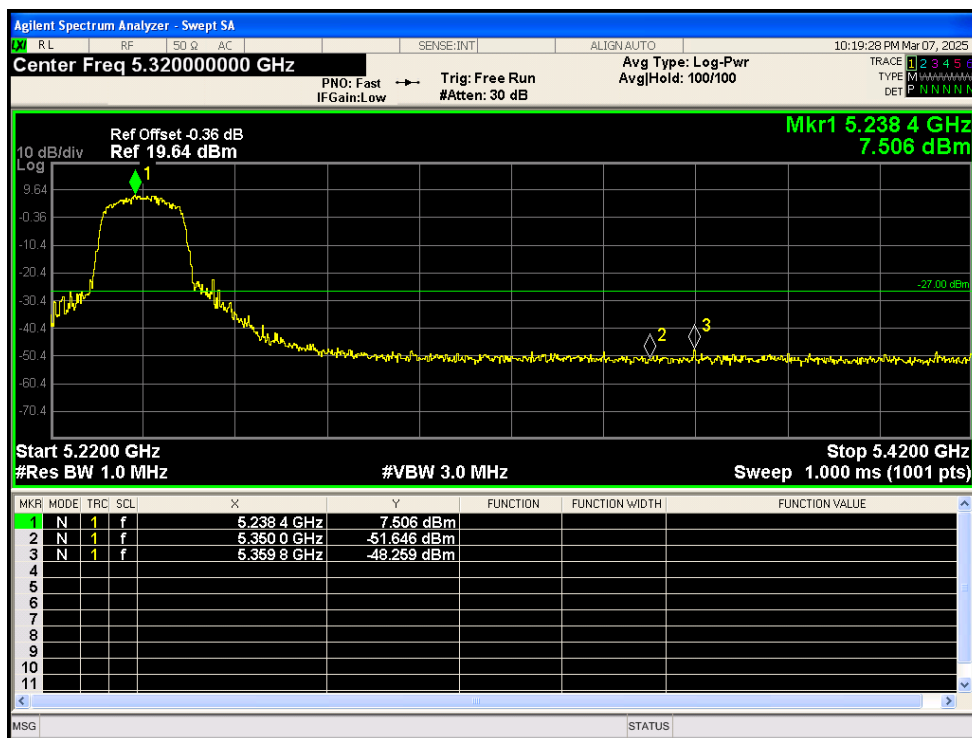
Band Edge NVNT ax80 5210MHz High Ant2



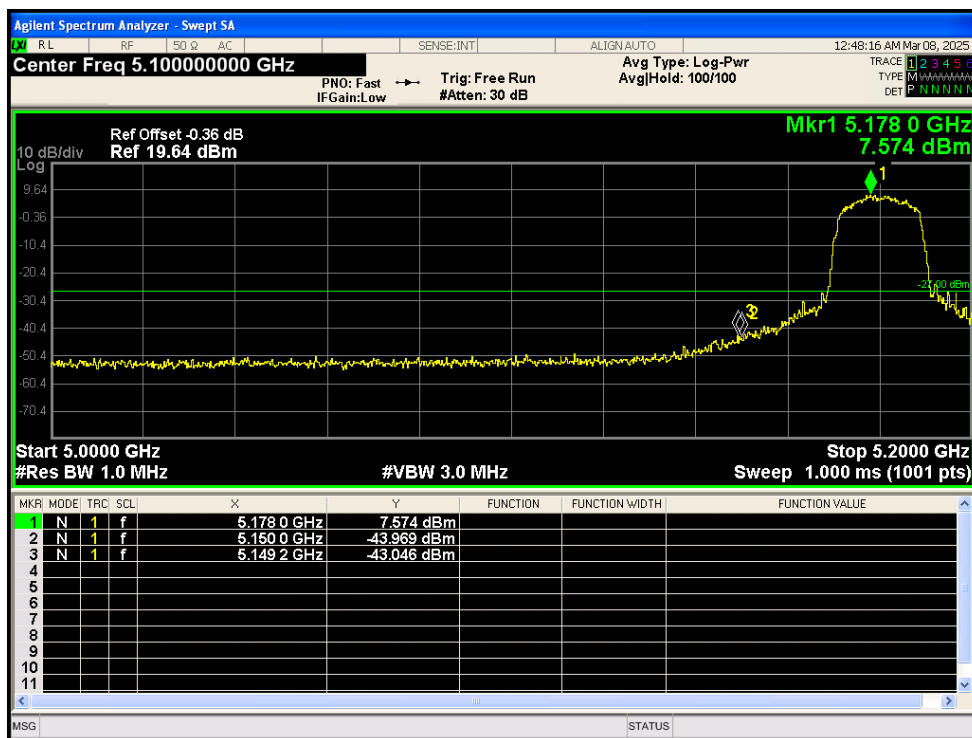
Band Edge NVNT n20 5180MHz Low Ant1



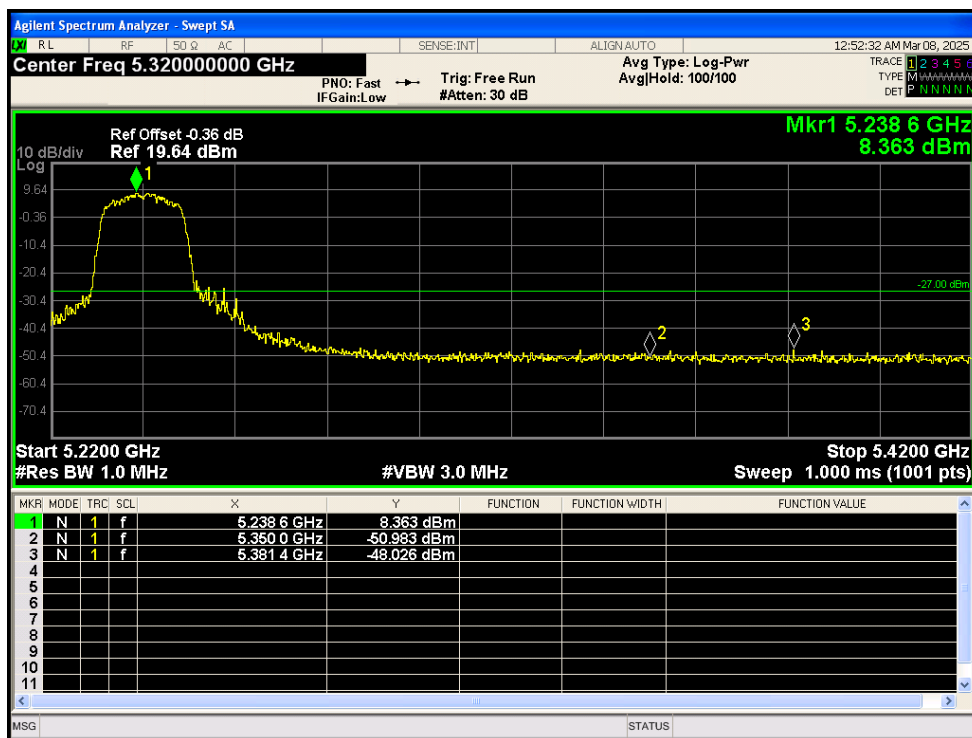
Band Edge NVNT n20 5240MHz High Ant1



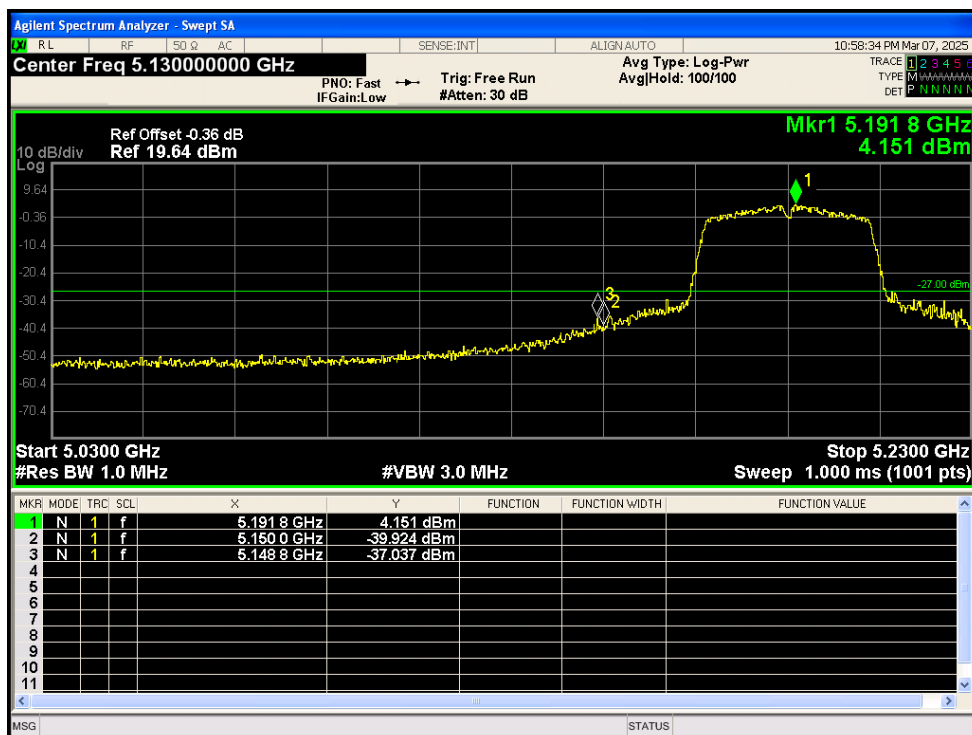
Band Edge NVNT n20 5180MHz Low Ant2



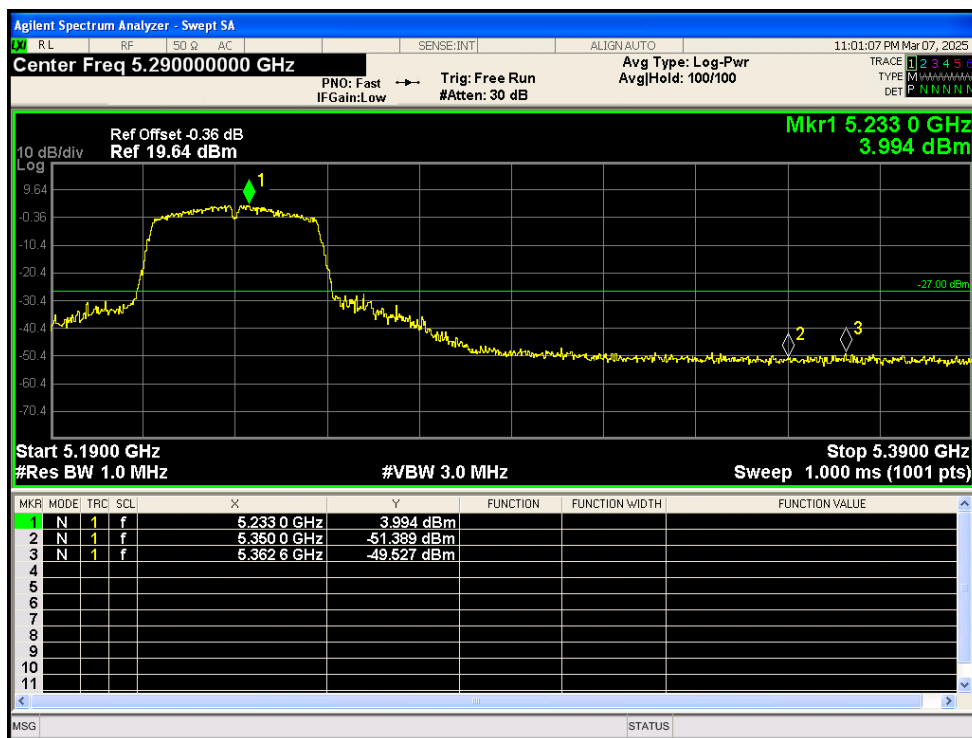
Band Edge NVNT n20 5240MHz High Ant2



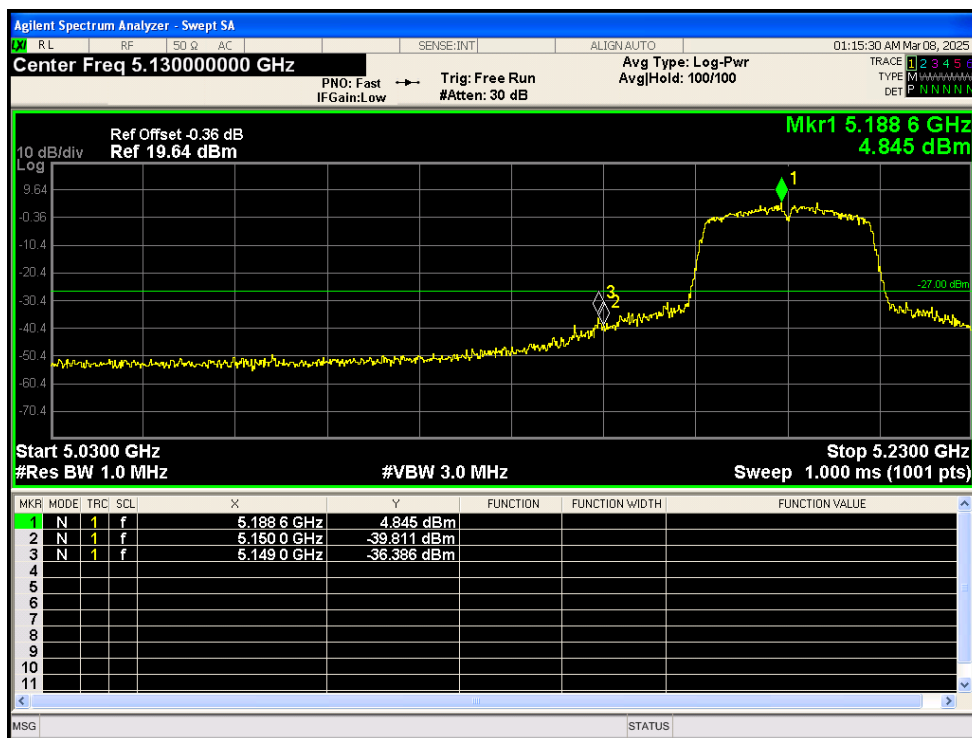
Band Edge NVNT n40 5190MHz Low Ant1



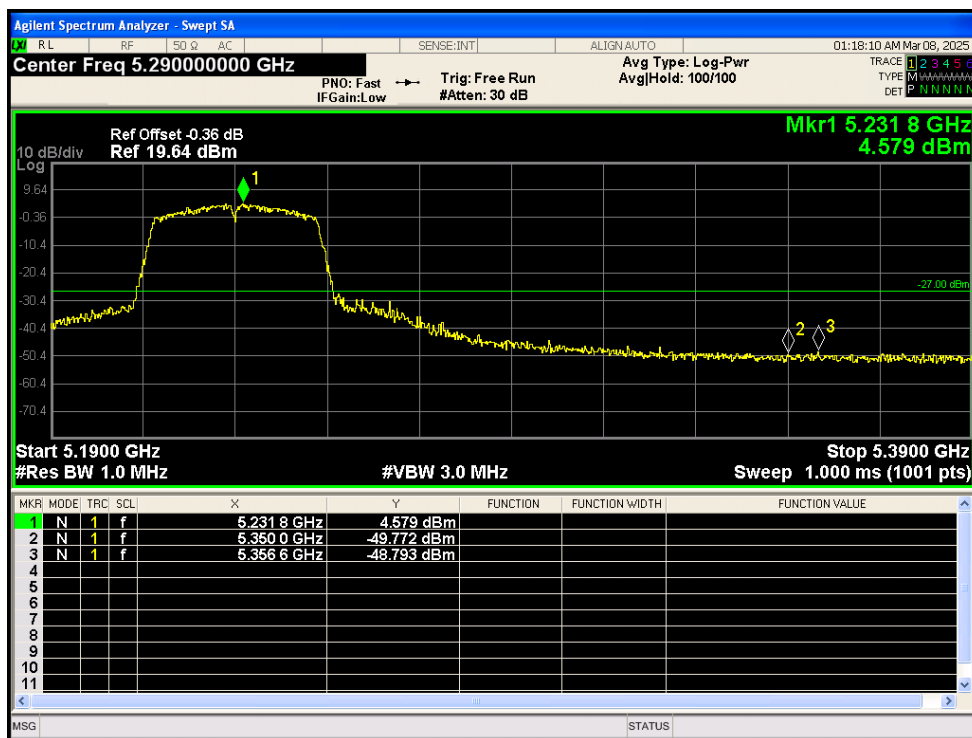
Band Edge NVNT n40 5230MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant2



Band Edge NVNT n40 5230MHz High Ant2

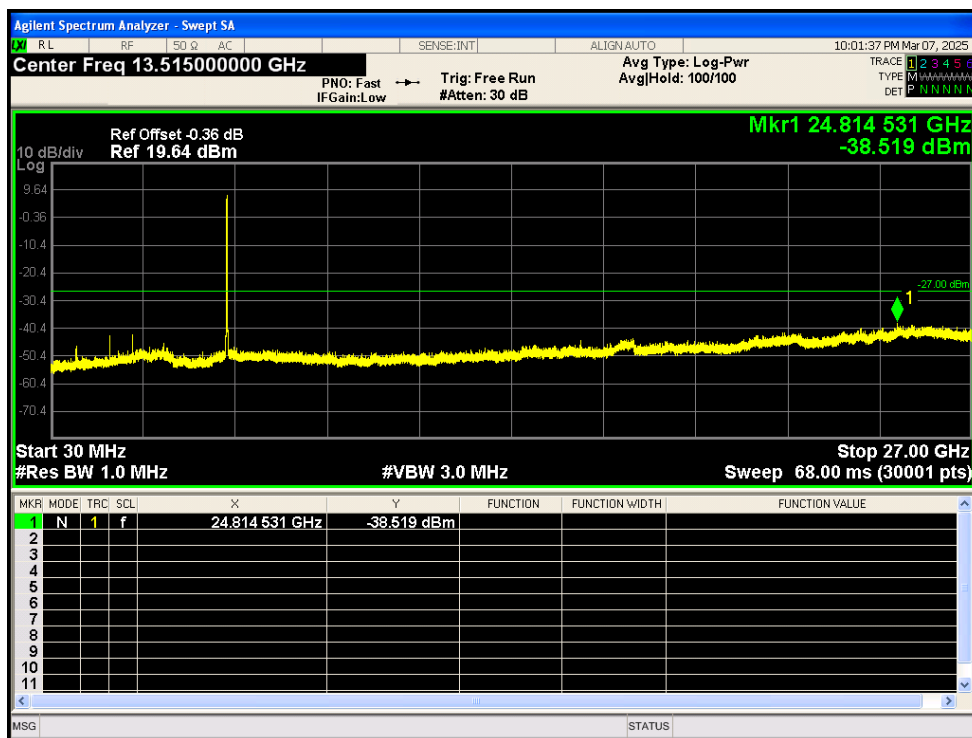


Conducted RF Spurious Emission

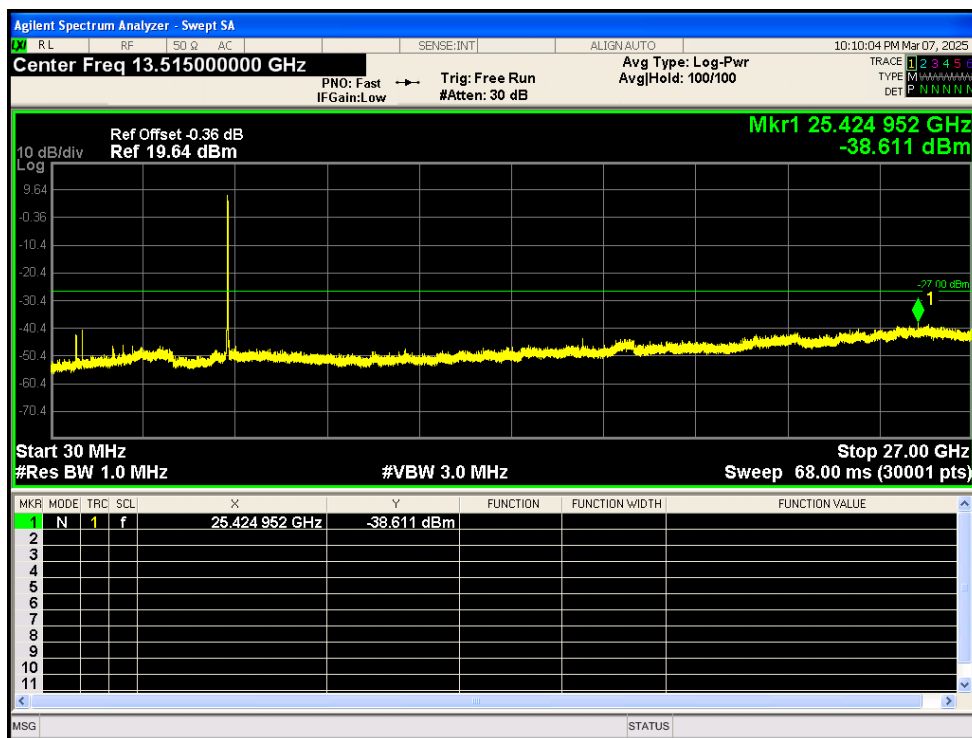
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-38.51	-27	Pass
NVNT	a	5200	Ant1	-38.61	-27	Pass
NVNT	a	5240	Ant1	-39.02	-27	Pass
NVNT	a	5180	Ant2	-38.62	-27	Pass
NVNT	a	5200	Ant2	-38.15	-27	Pass

NVNT	a	5240	Ant2	-39.11	-27	Pass
NVNT	ac20	5180	Ant1	-38.64	-27	Pass
NVNT	ac20	5200	Ant1	-39.39	-27	Pass
NVNT	ac20	5240	Ant1	-38.83	-27	Pass
NVNT	ac20	5180	Ant2	-37.96	-27	Pass
NVNT	ac20	5200	Ant2	-38.35	-27	Pass
NVNT	ac20	5240	Ant2	-38.75	-27	Pass
NVNT	ac40	5190	Ant1	-39.19	-27	Pass
NVNT	ac40	5230	Ant1	-38.95	-27	Pass
NVNT	ac40	5190	Ant2	-38.02	-27	Pass
NVNT	ac40	5230	Ant2	-38.96	-27	Pass
NVNT	ac80	5210	Ant1	-48.98	-27	Pass
NVNT	ac80	5210	Ant2	-49.17	-27	Pass
NVNT	ax20	5180	Ant1	-37.5	-27	Pass
NVNT	ax20	5200	Ant1	-39.1	-27	Pass
NVNT	ax20	5240	Ant1	-39.52	-27	Pass
NVNT	ax20	5180	Ant2	-37.99	-27	Pass
NVNT	ax20	5200	Ant2	-38.53	-27	Pass
NVNT	ax20	5240	Ant2	-39.02	-27	Pass
NVNT	ax40	5190	Ant1	-37.93	-27	Pass
NVNT	ax40	5230	Ant1	-38.52	-27	Pass
NVNT	ax40	5190	Ant2	-39	-27	Pass
NVNT	ax40	5230	Ant2	-38.87	-27	Pass
NVNT	ax80	5210	Ant1	-38.91	-27	Pass
NVNT	ax80	5210	Ant2	-38.09	-27	Pass
NVNT	n20	5180	Ant1	-38.87	-27	Pass
NVNT	n20	5200	Ant1	-38.49	-27	Pass
NVNT	n20	5240	Ant1	-39.3	-27	Pass
NVNT	n20	5180	Ant2	-38.62	-27	Pass
NVNT	n20	5200	Ant2	-38.9	-27	Pass
NVNT	n20	5240	Ant2	-38.95	-27	Pass
NVNT	n40	5190	Ant1	-39	-27	Pass
NVNT	n40	5230	Ant1	-39.08	-27	Pass
NVNT	n40	5190	Ant2	-38.93	-27	Pass
NVNT	n40	5230	Ant2	-38.31	-27	Pass

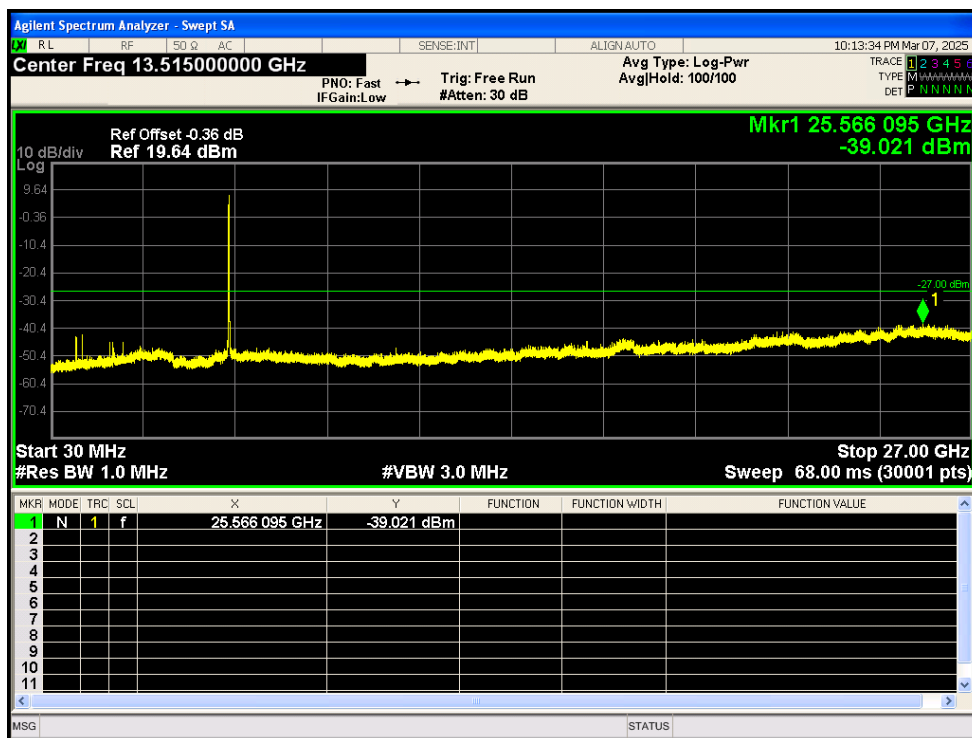
Tx. Spurious NVNT a 5180MHz Ant1 Emission



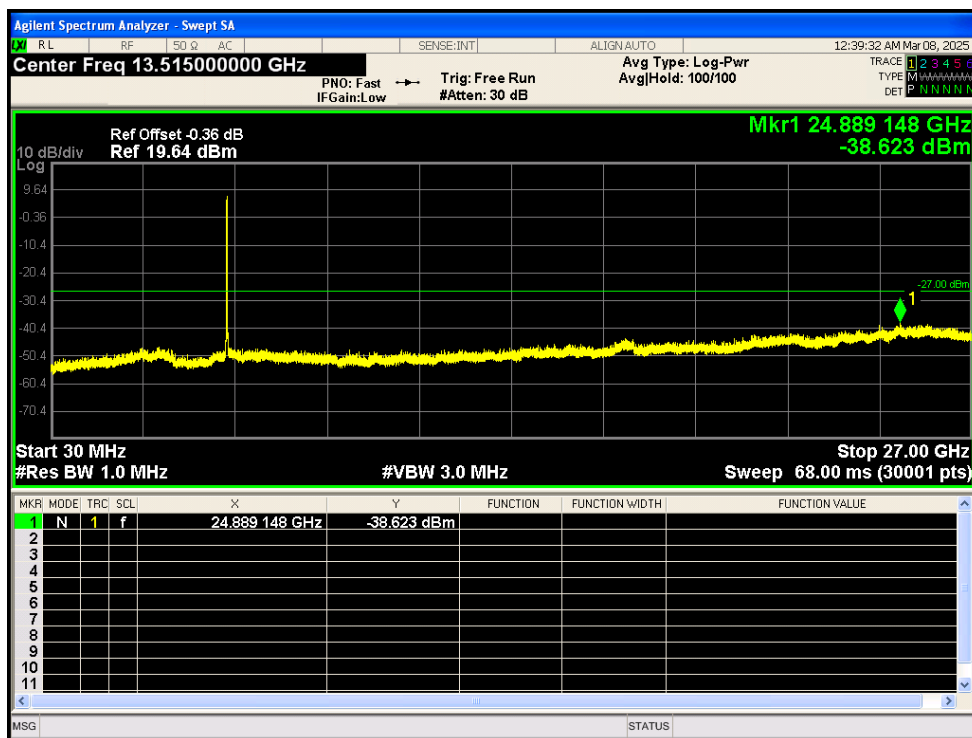
Tx. Spurious NVNT a 5200MHz Ant1 Emission



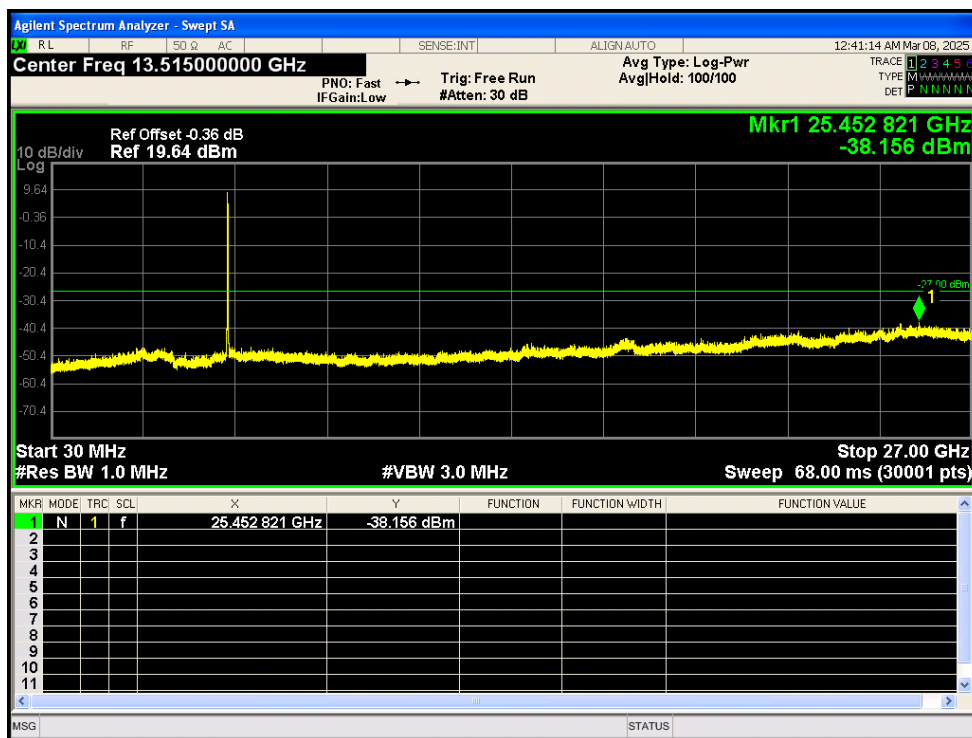
Tx. Spurious NVNT a 5240MHz Ant1 Emission



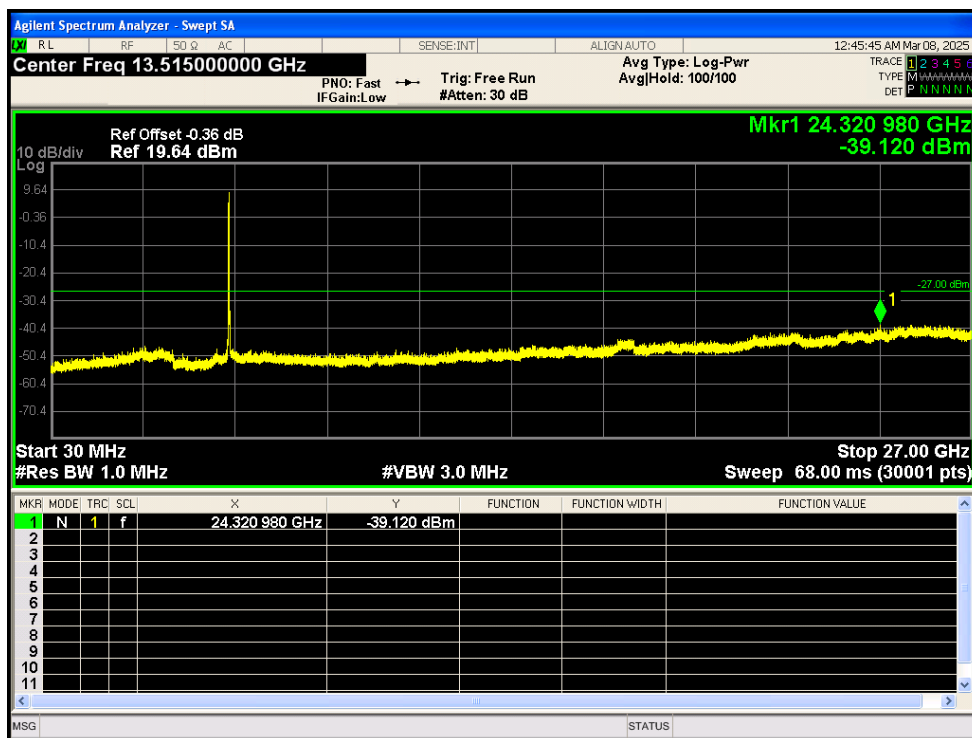
Tx. Spurious NVNT a 5180MHz Ant2 Emission



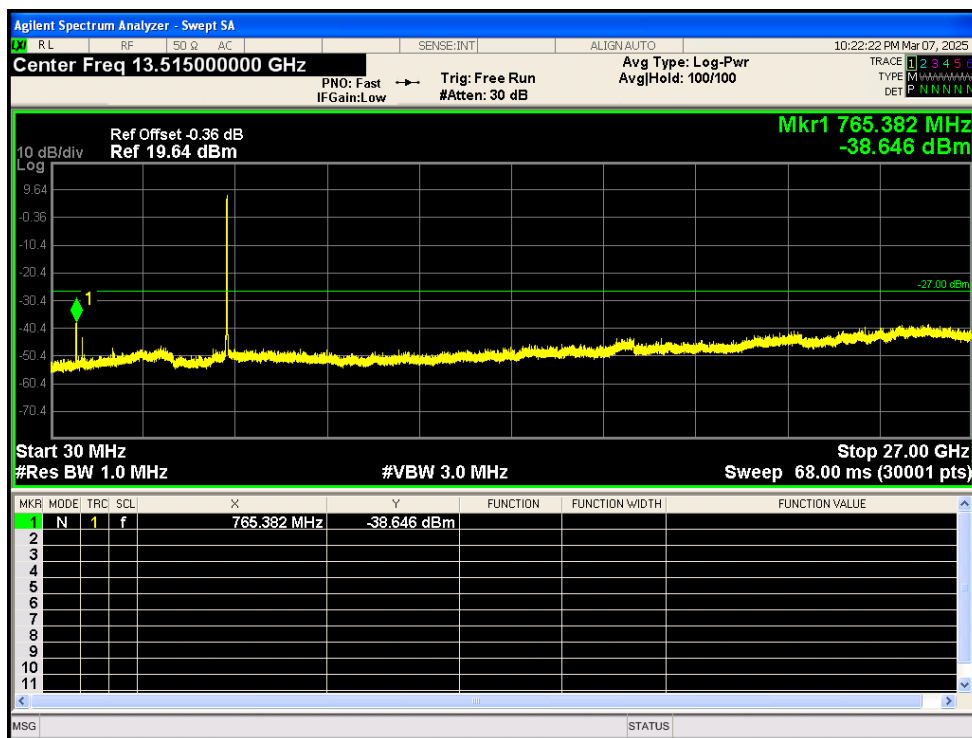
Tx. Spurious NVNT a 5200MHz Ant2 Emission



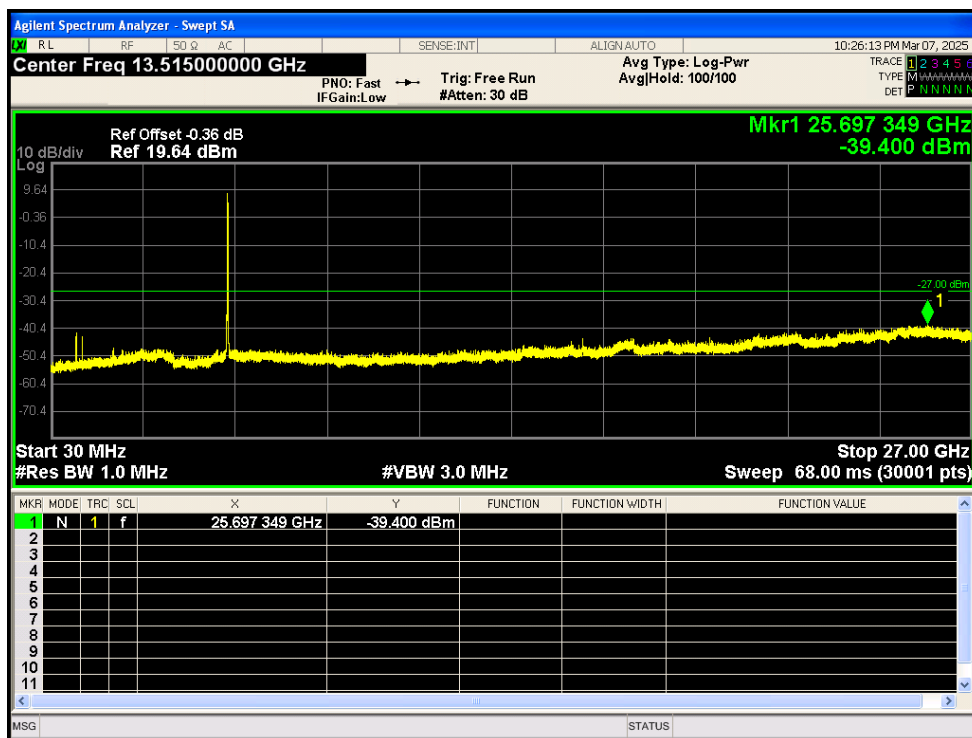
Tx. Spurious NVNT a 5240MHz Ant2 Emission



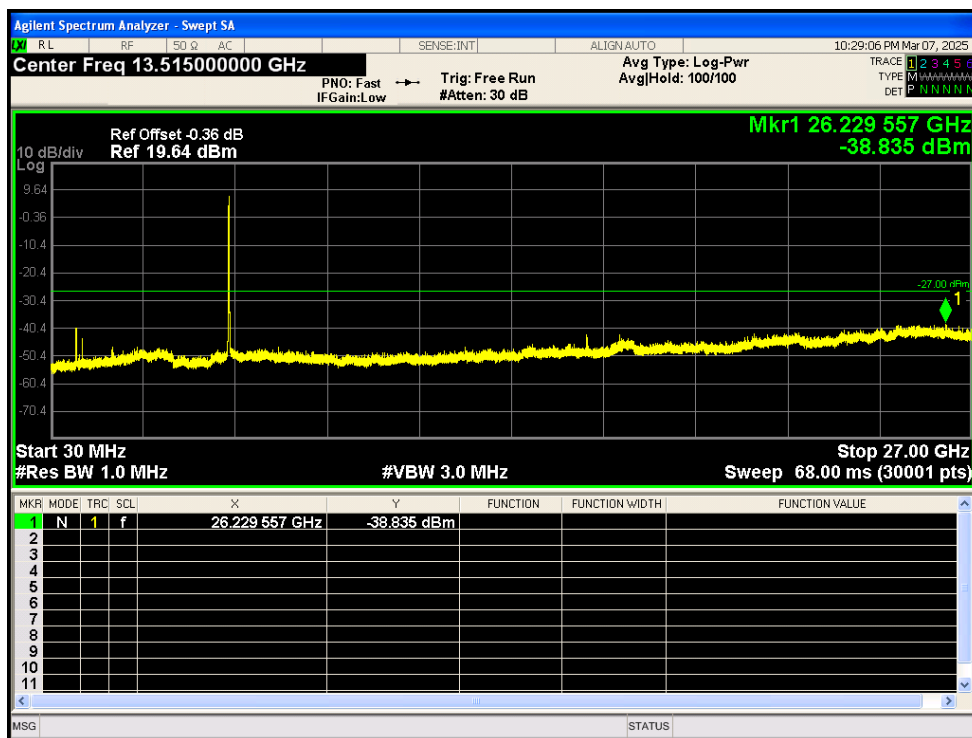
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



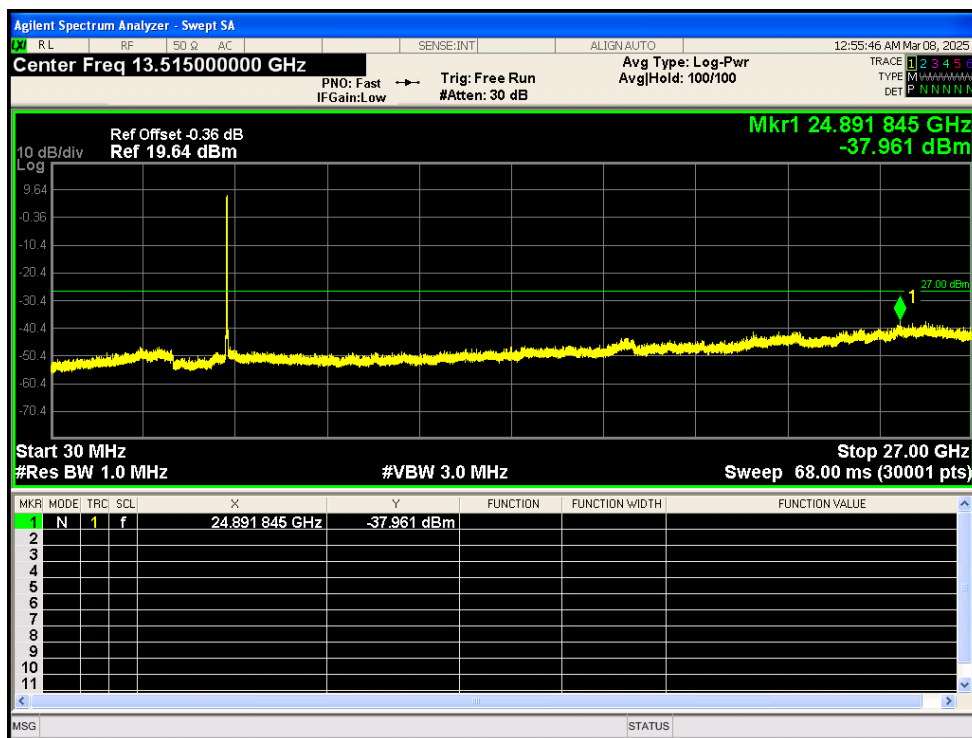
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



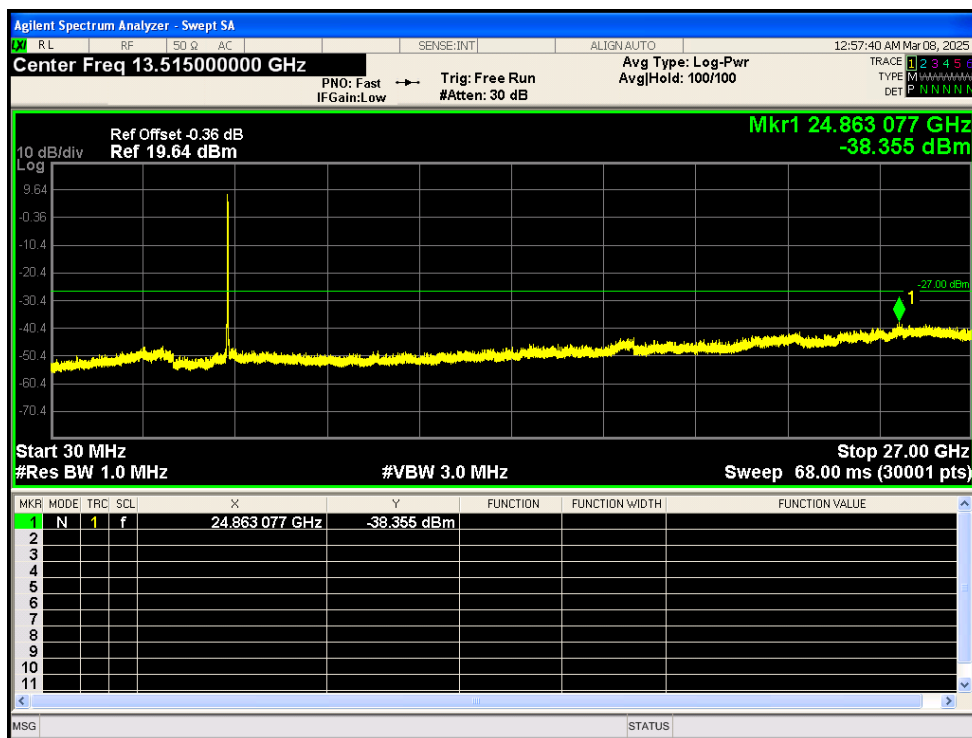
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



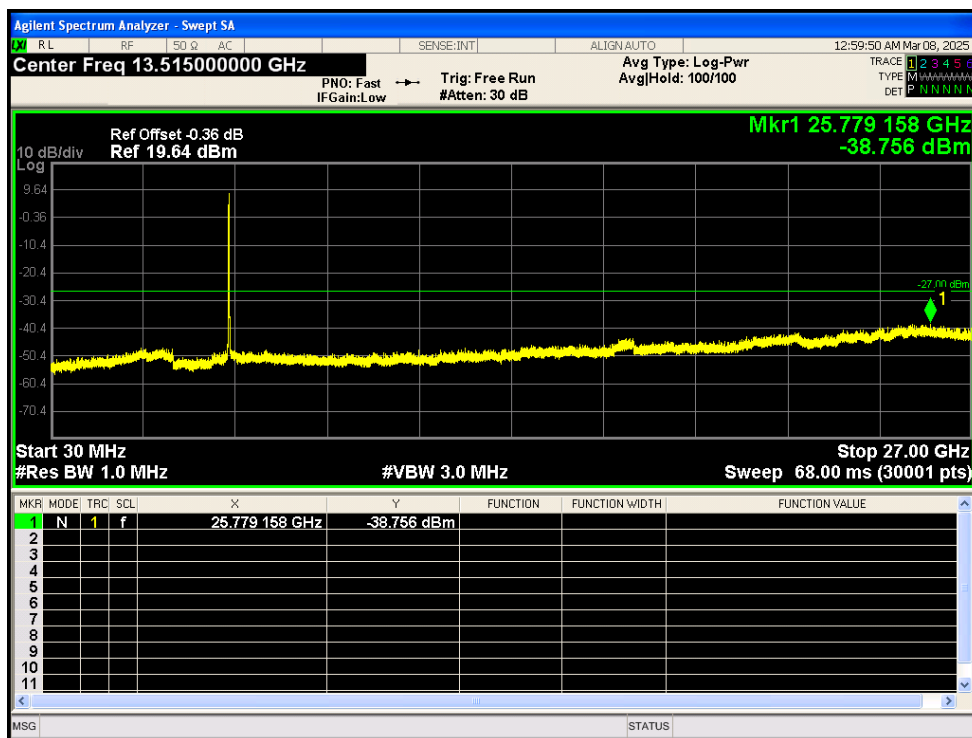
Tx. Spurious NVNT ac20 5180MHz Ant2 Emission



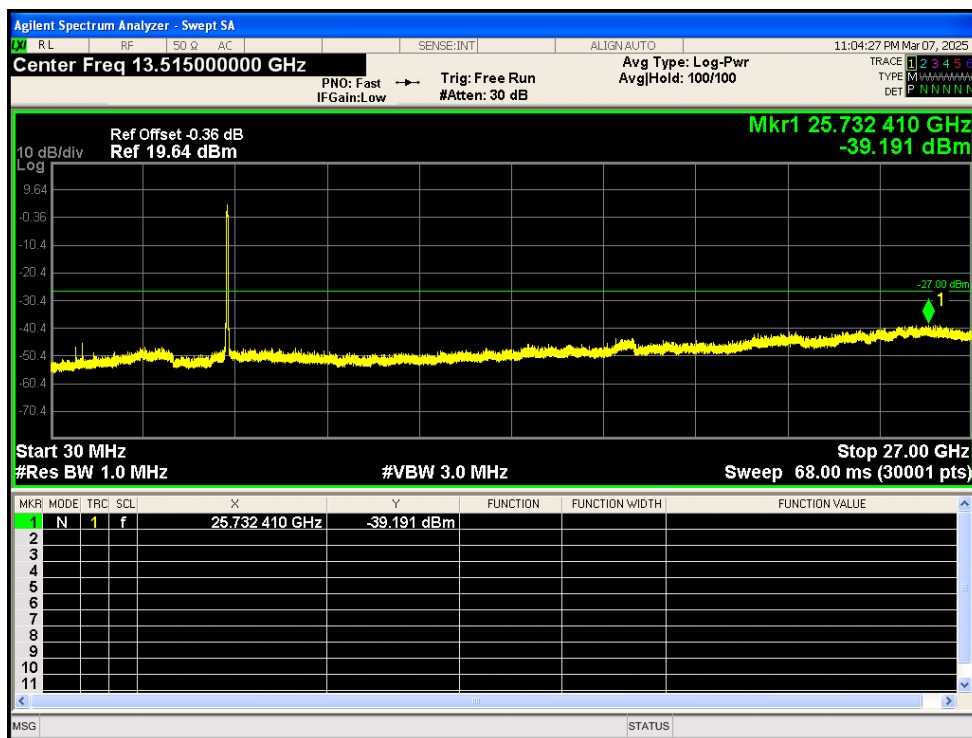
Tx. Spurious NVNT ac20 5200MHz Ant2 Emission



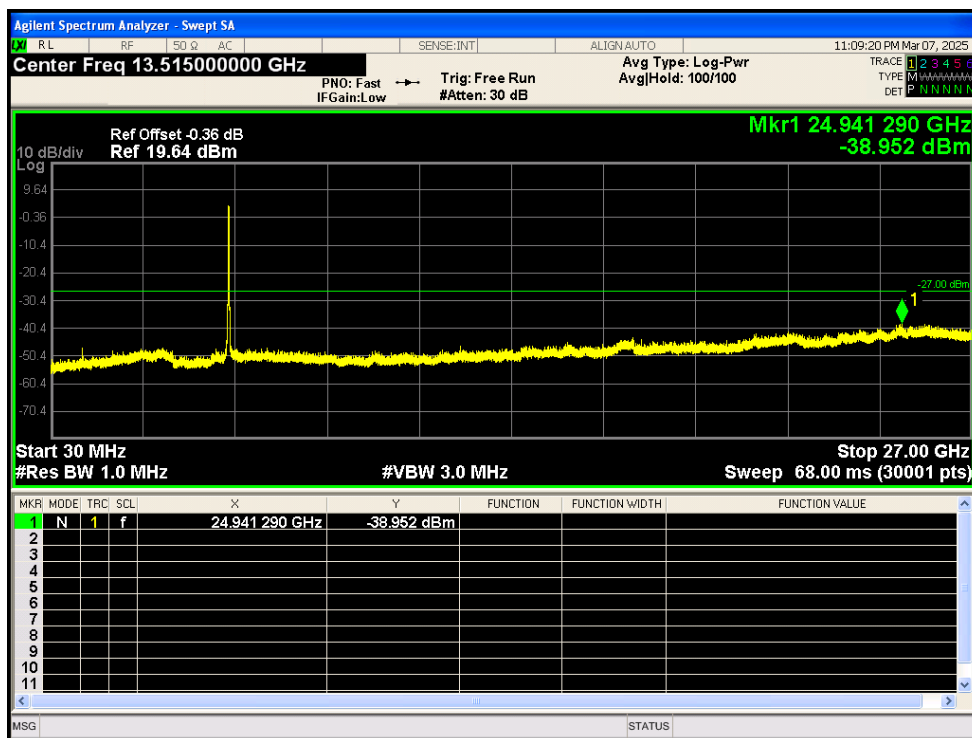
Tx. Spurious NVNT ac20 5240MHz Ant2 Emission



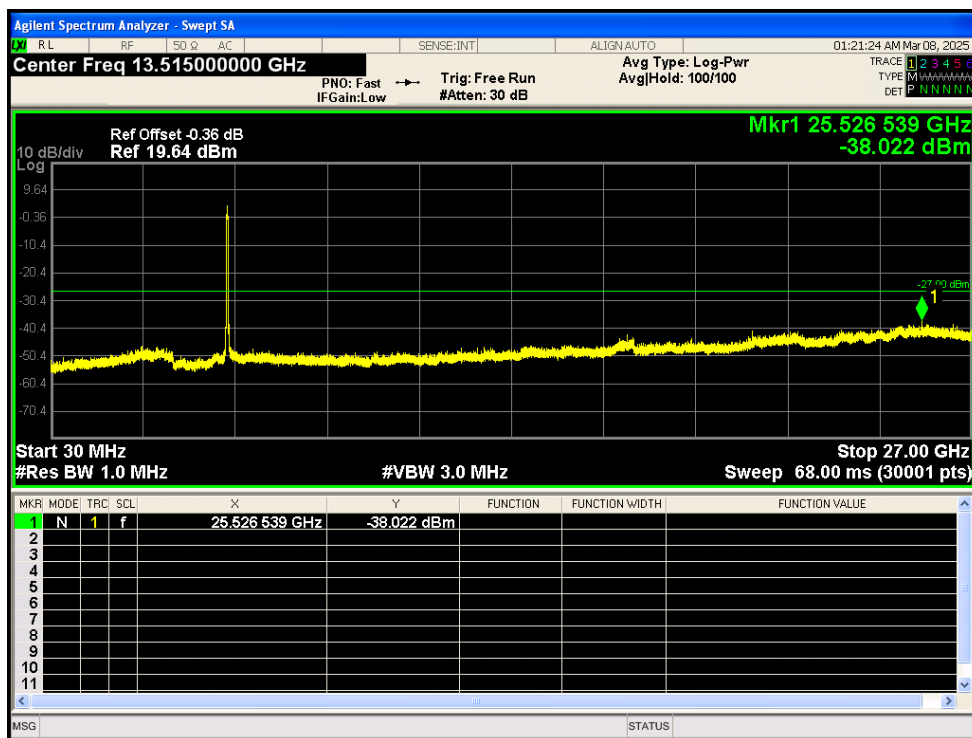
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



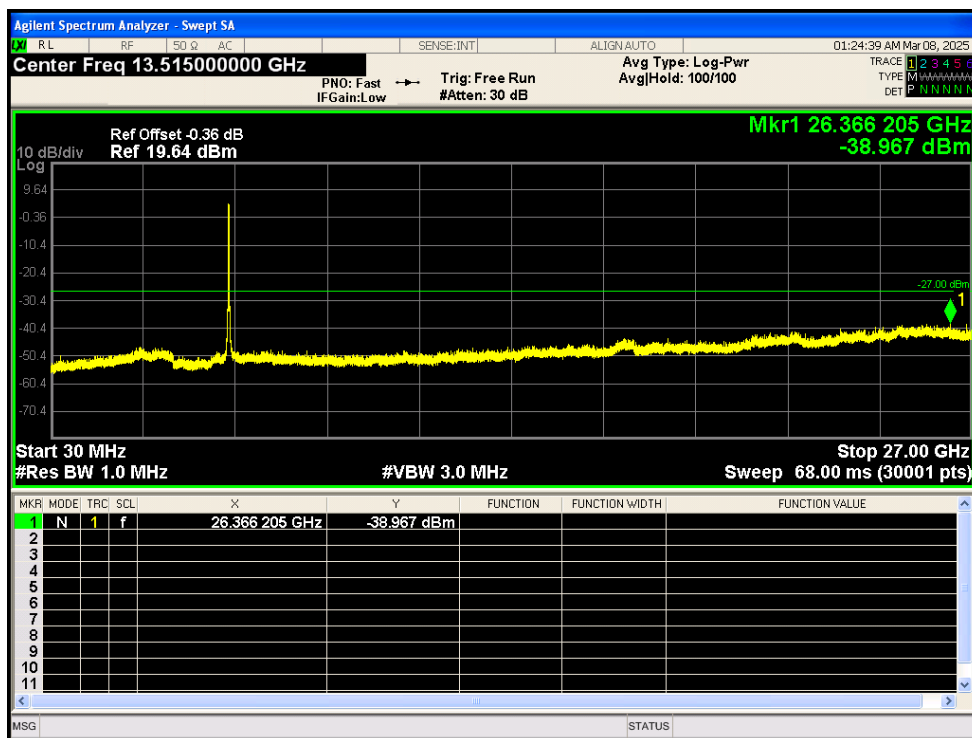
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



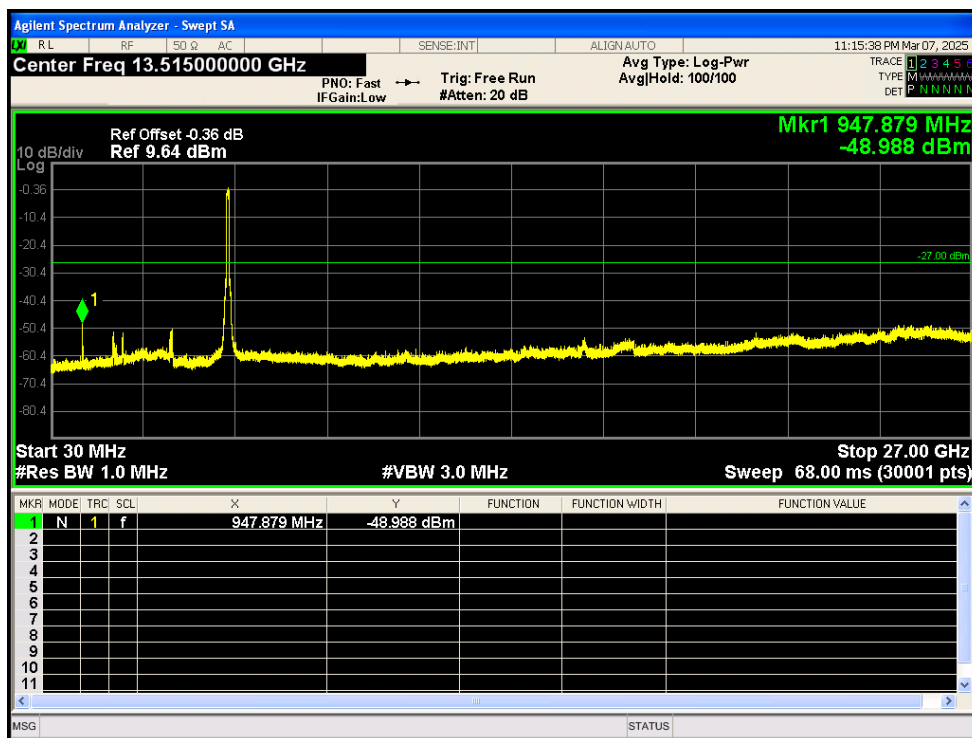
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



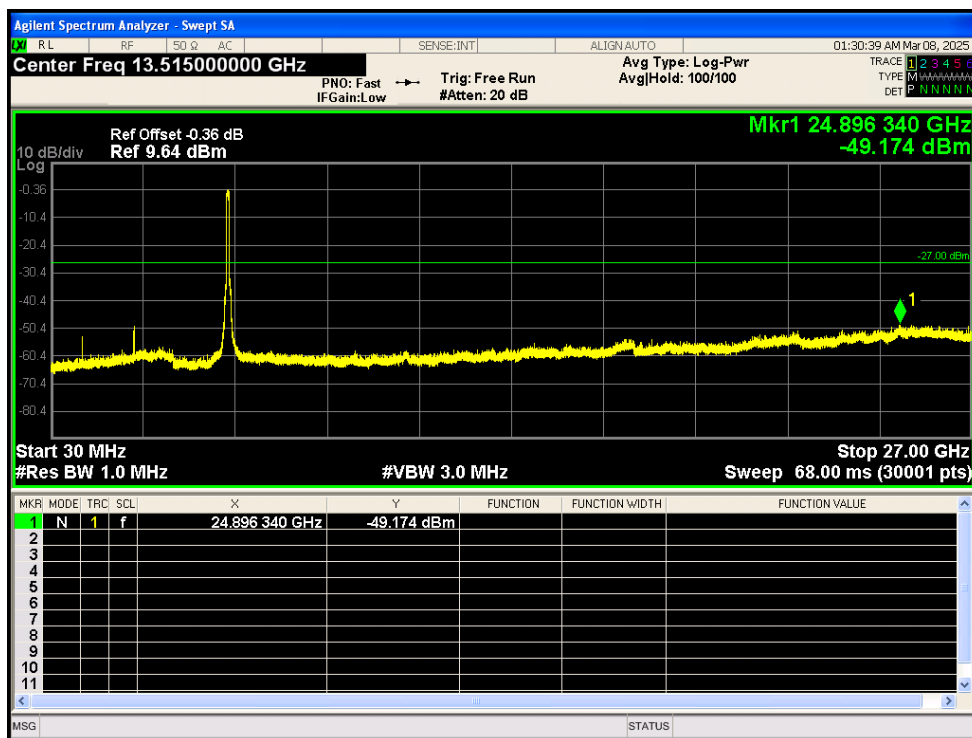
Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



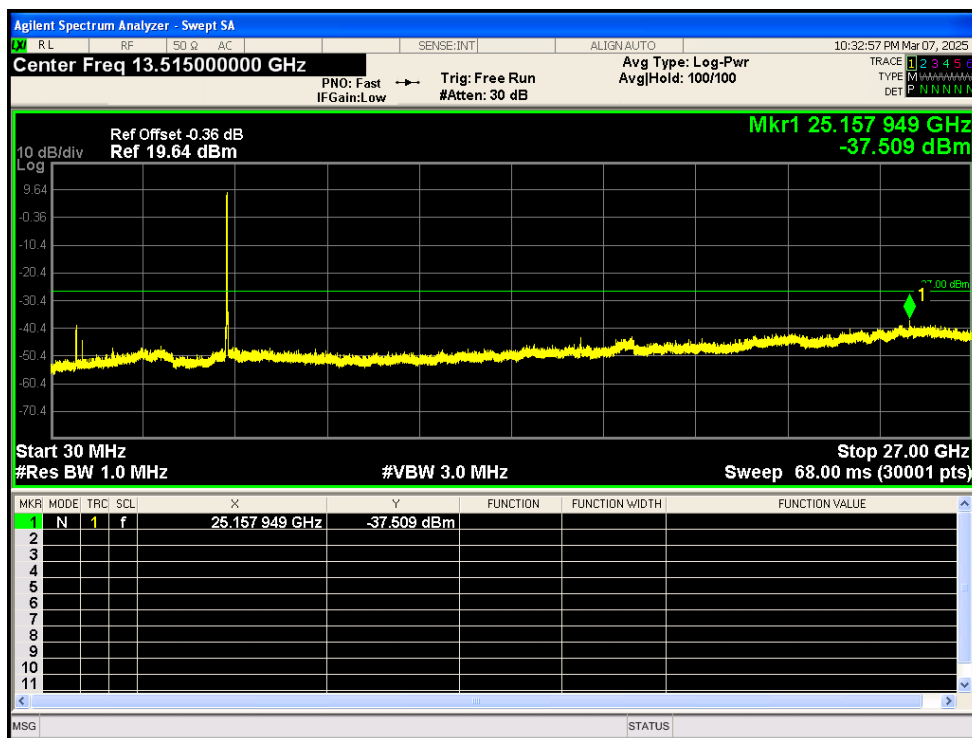
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



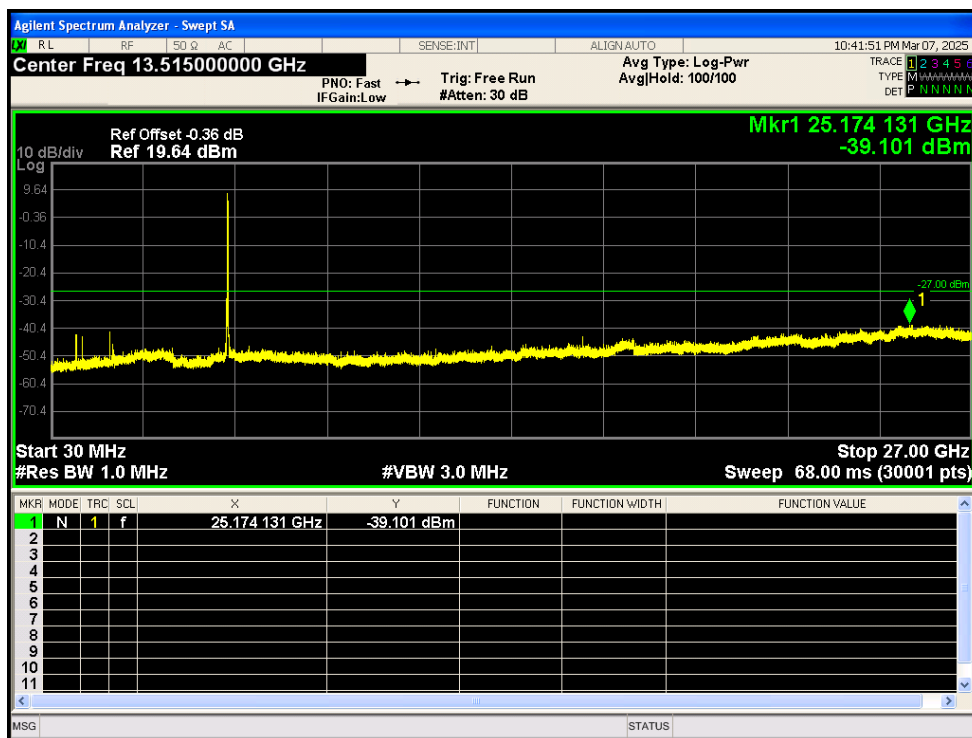
Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



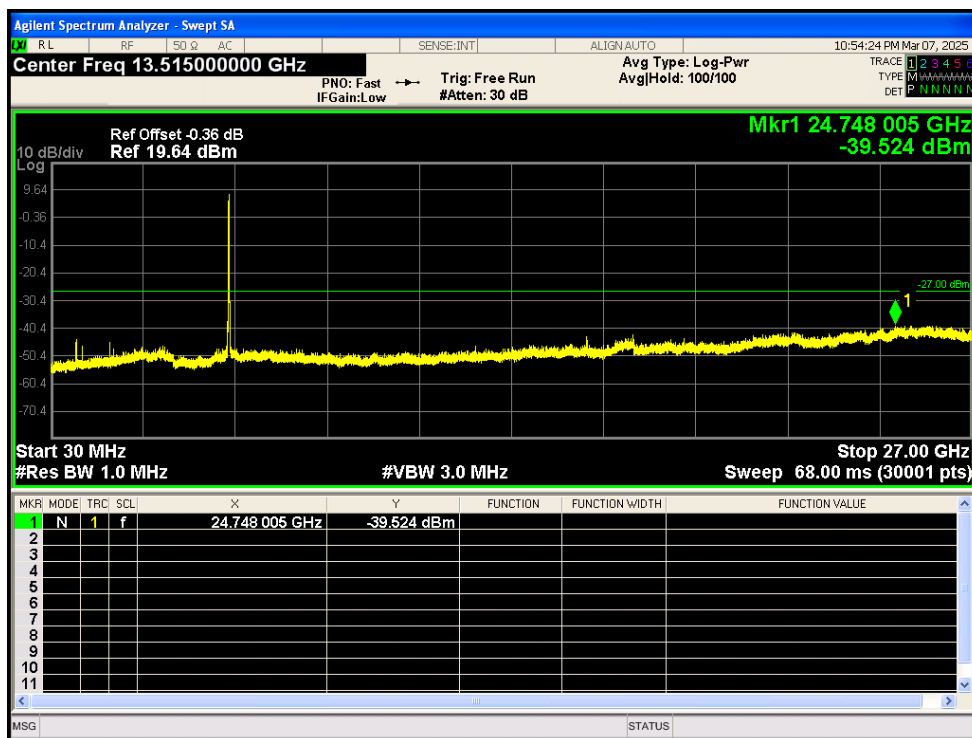
Tx. Spurious NVNT ax20 5180MHz Ant1 Emission



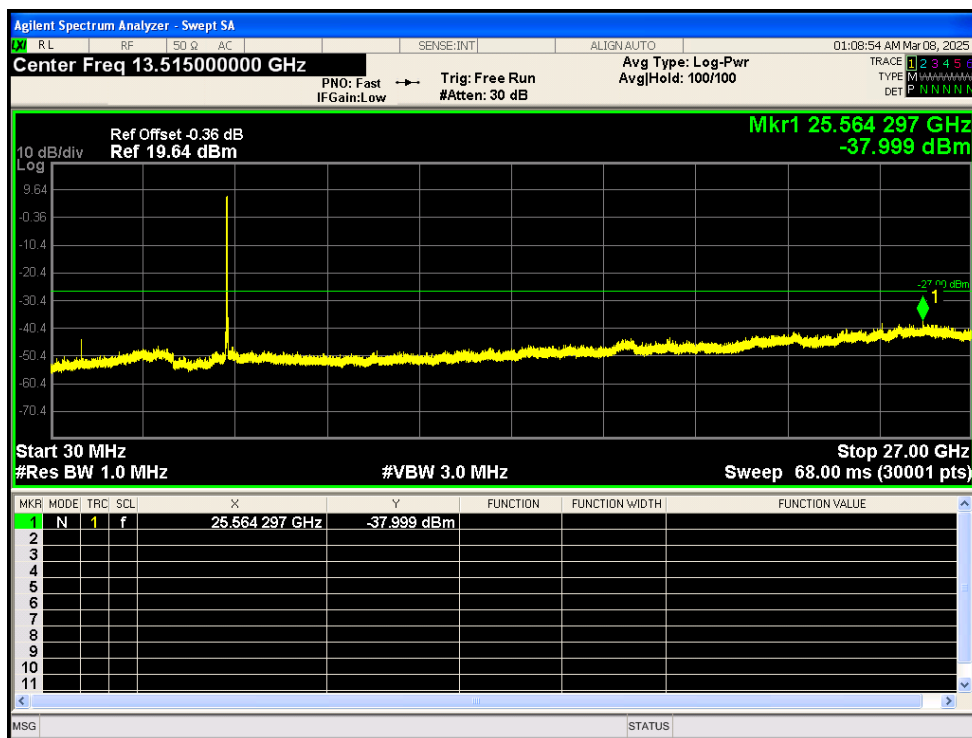
Tx. Spurious NVNT ax20 5200MHz Ant1 Emission



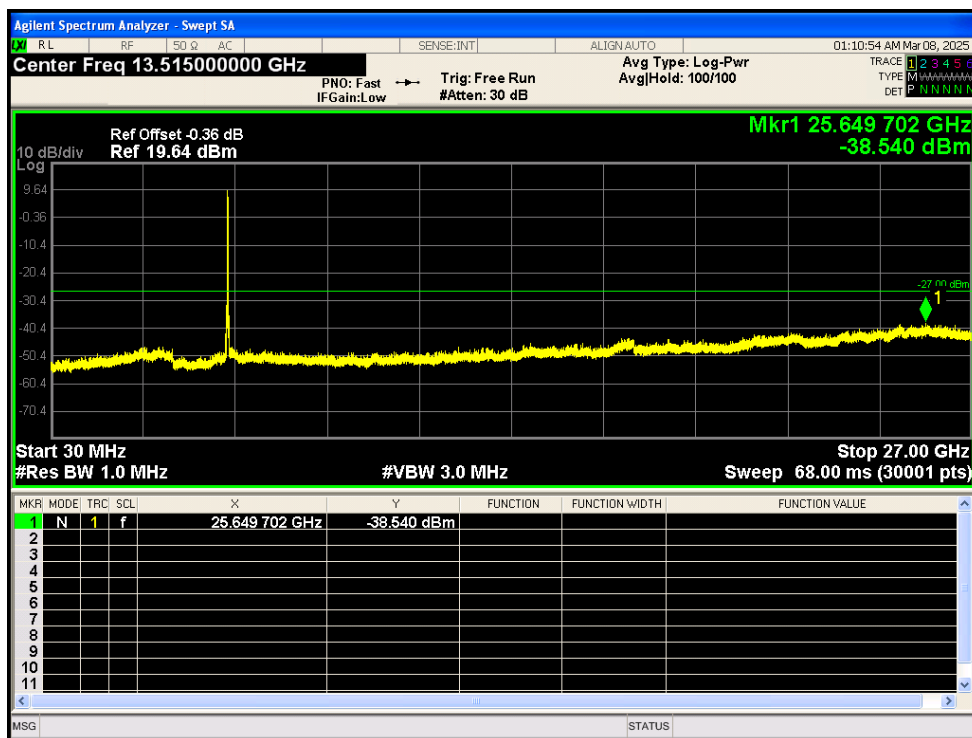
Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



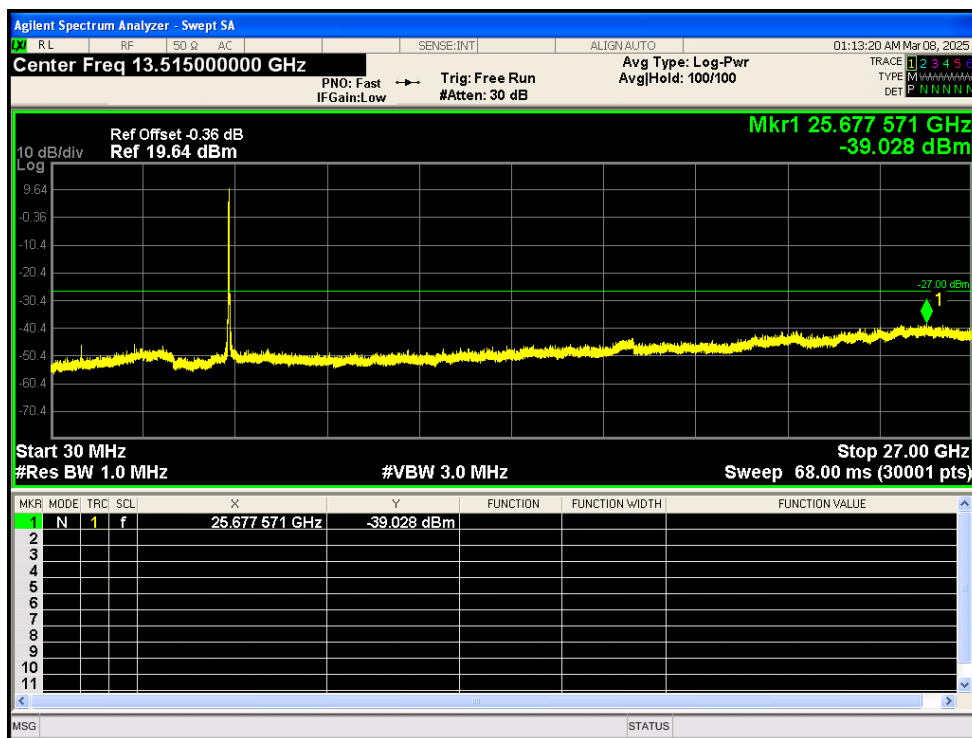
Tx. Spurious NVNT ax20 5180MHz Ant2 Emission



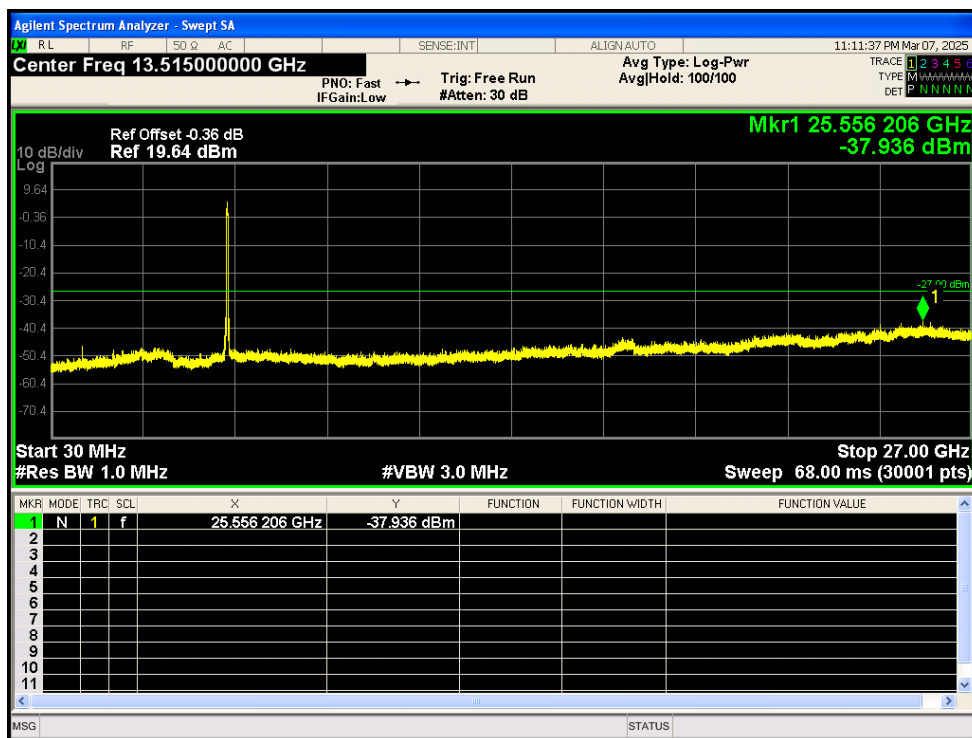
Tx. Spurious NVNT ax20 5200MHz Ant2 Emission



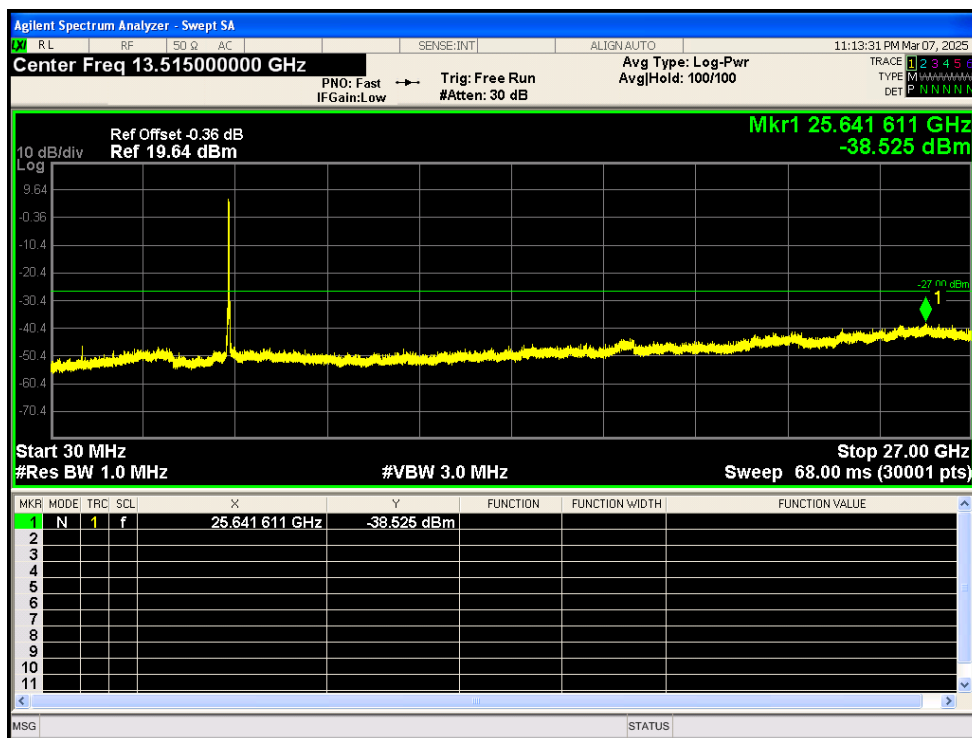
Tx. Spurious NVNT ax20 5240MHz Ant2 Emission



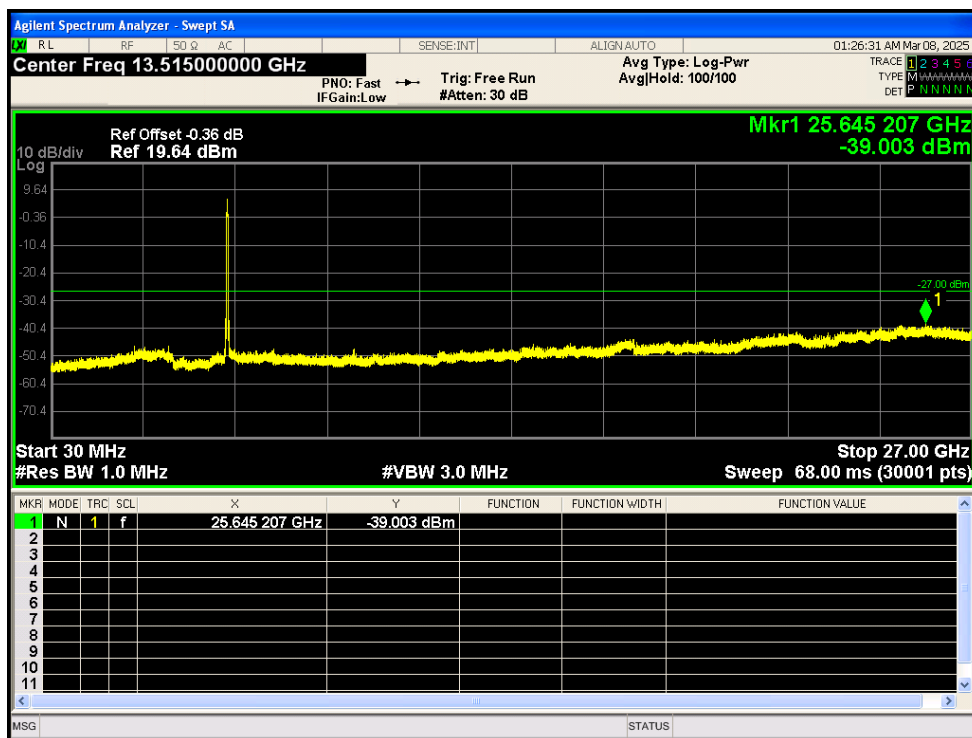
Tx. Spurious NVNT ax40 5190MHz Ant1 Emission



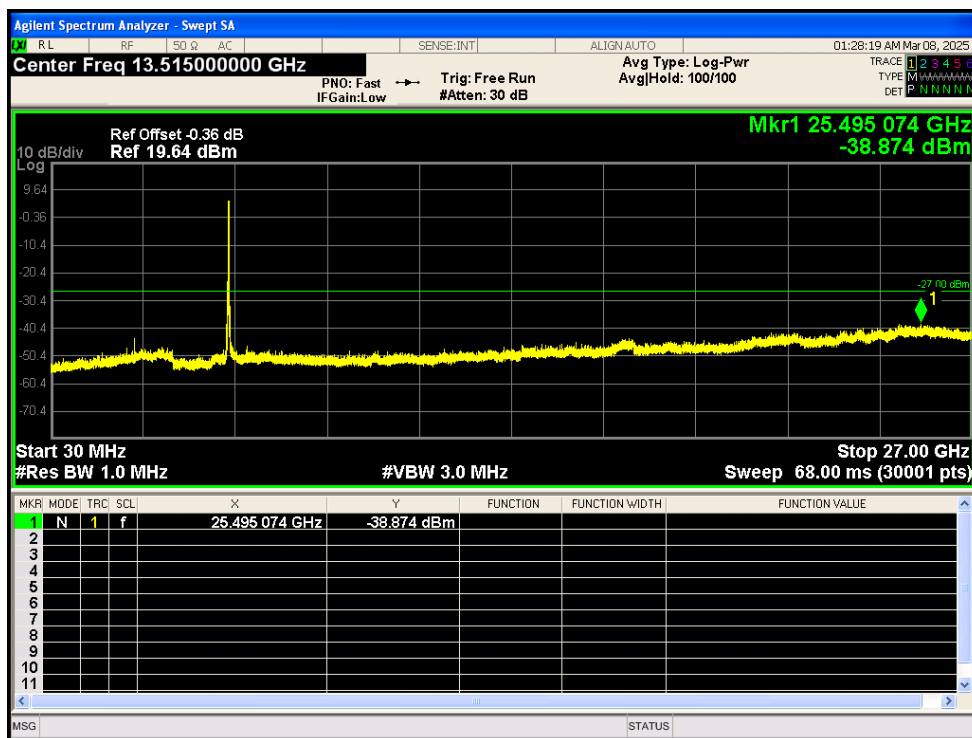
Tx. Spurious NVNT ax40 5230MHz Ant1 Emission



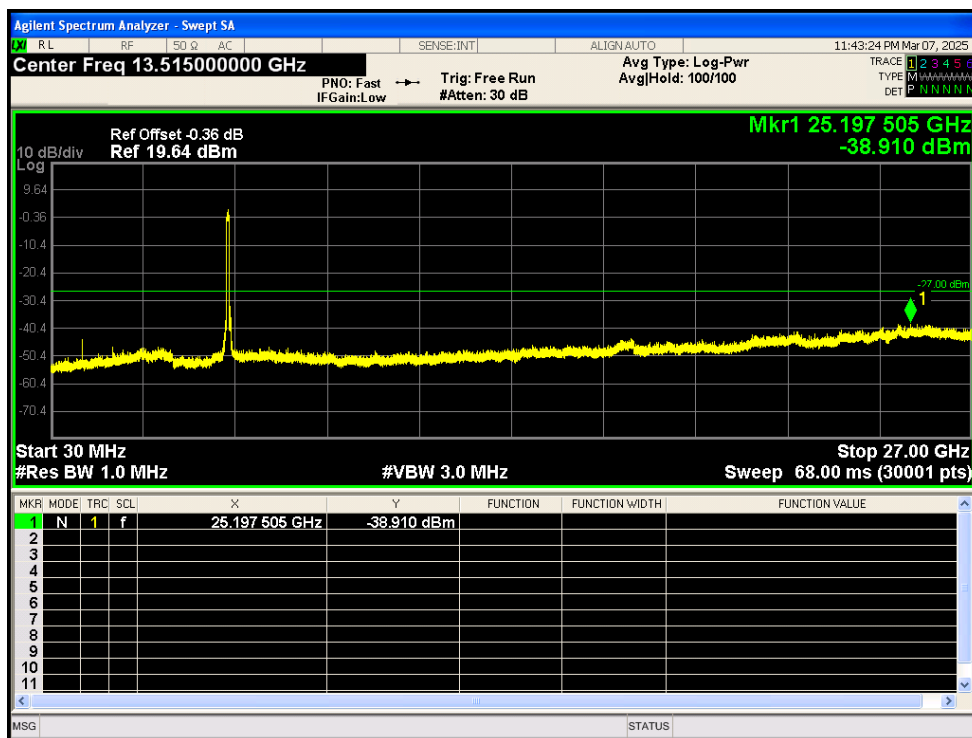
Tx. Spurious NVNT ax40 5190MHz Ant2 Emission



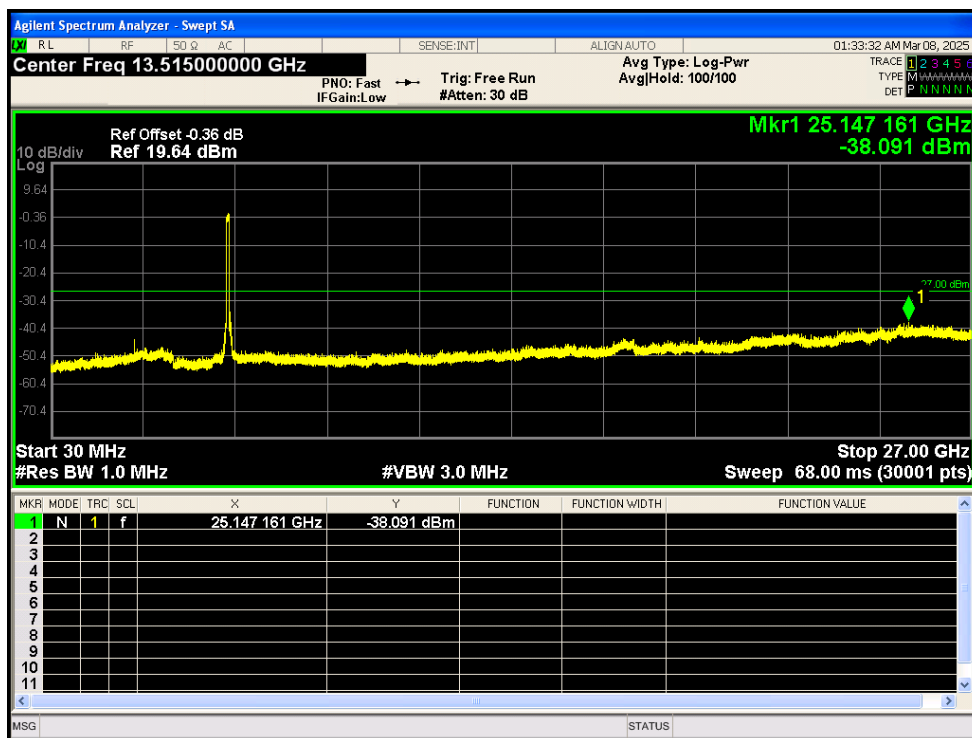
Tx. Spurious NVNT ax40 5230MHz Ant2 Emission



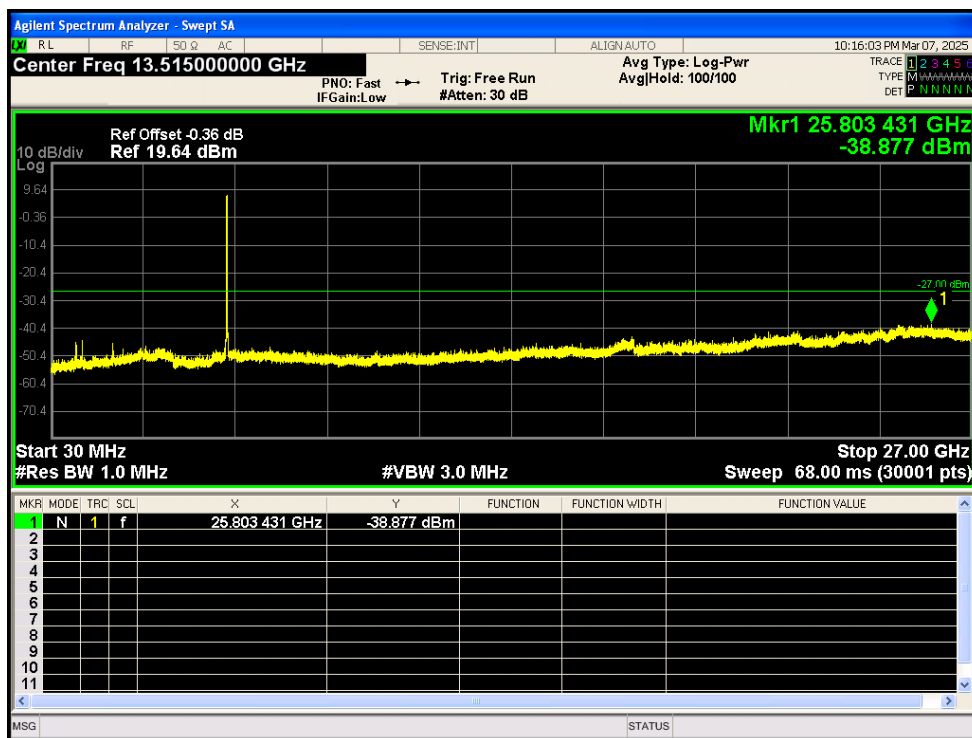
Tx. Spurious NVNT ax80 5210MHz Ant1 Emission



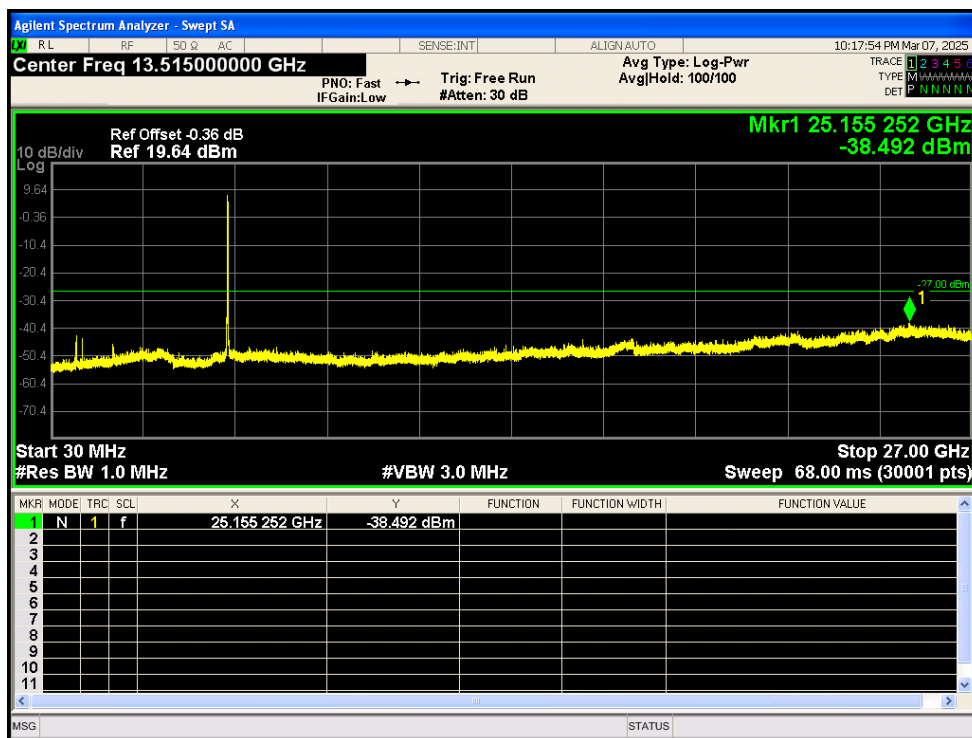
Tx. Spurious NVNT ax80 5210MHz Ant2 Emission



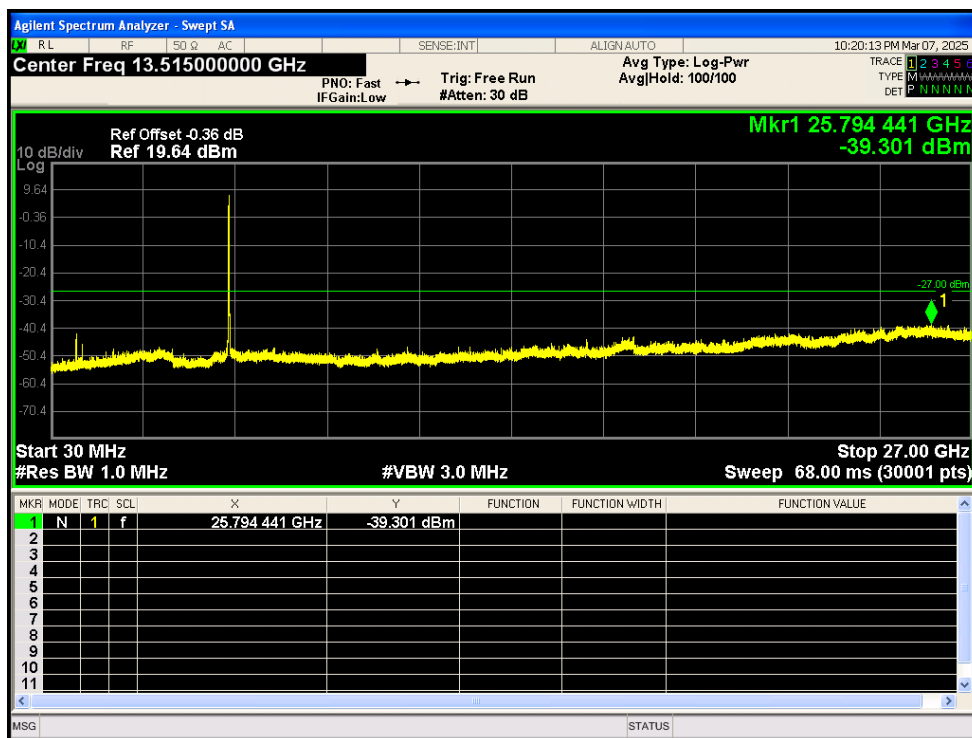
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



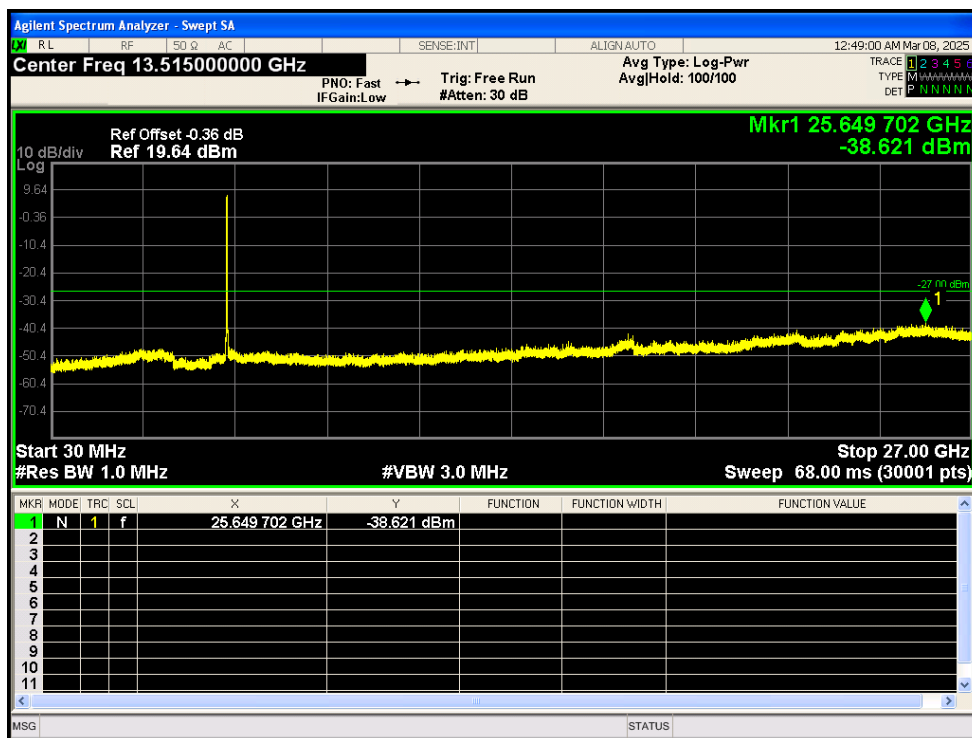
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



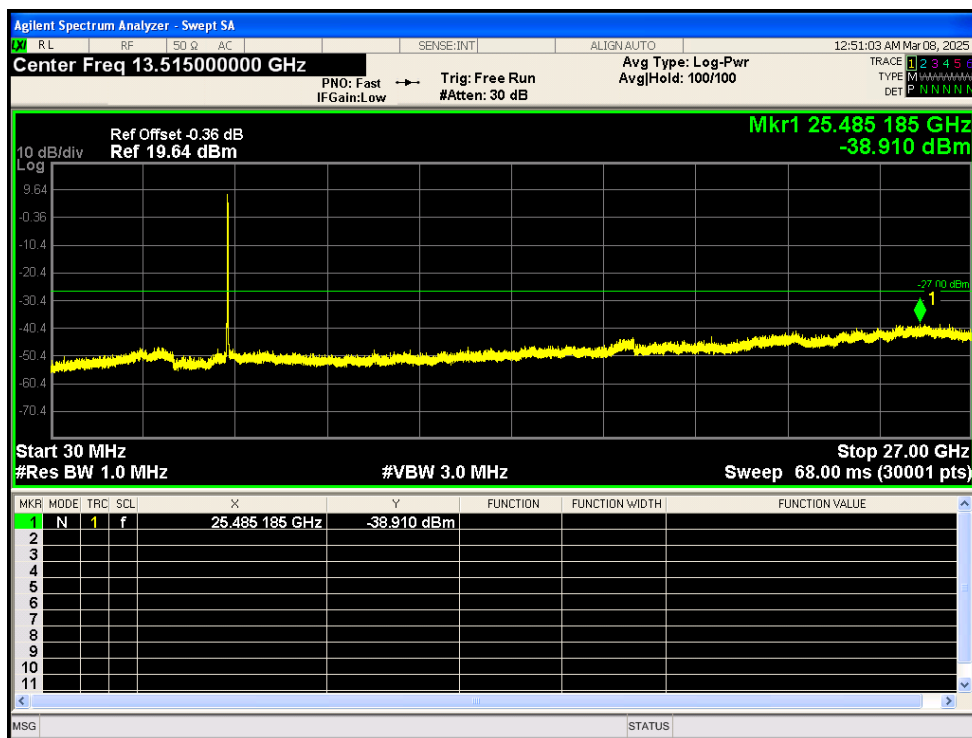
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



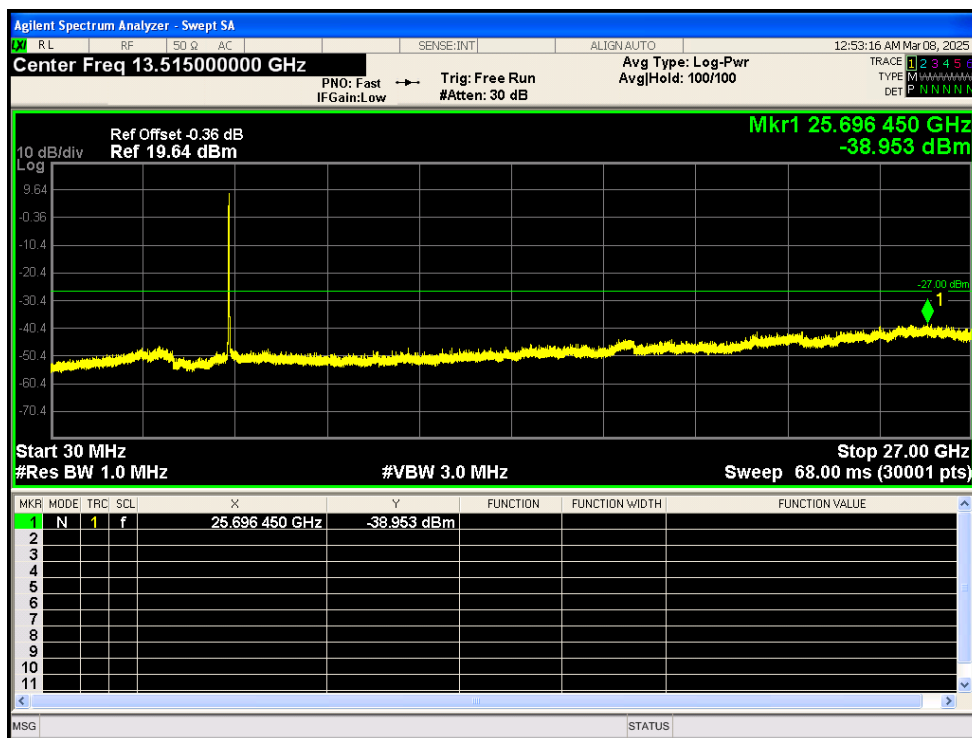
Tx. Spurious NVNT n20 5180MHz Ant2 Emission



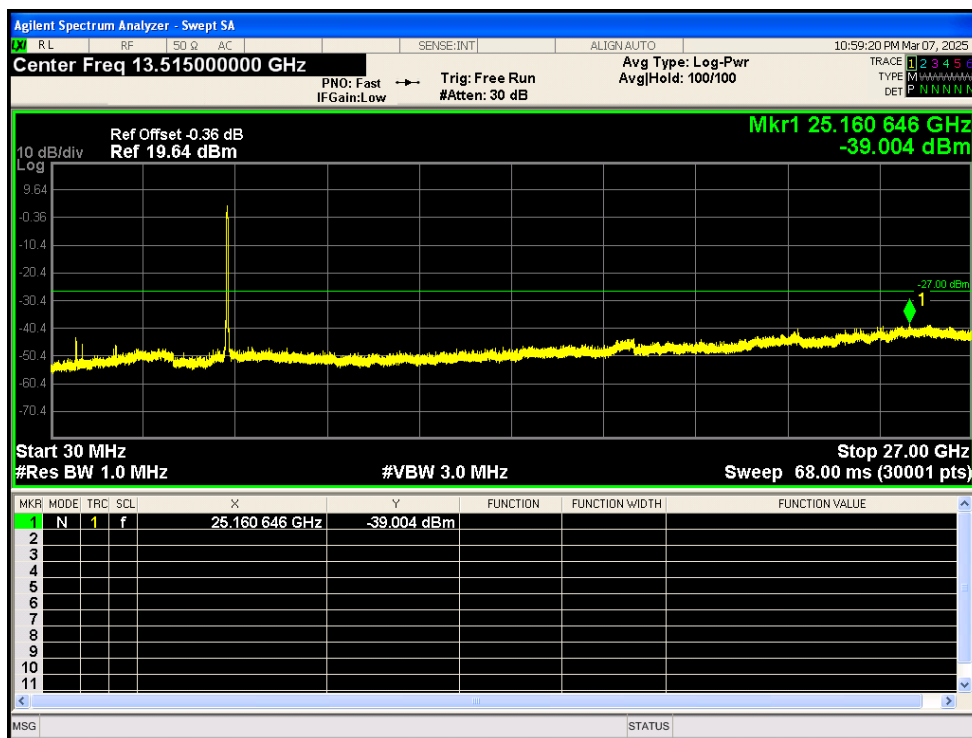
Tx. Spurious NVNT n20 5200MHz Ant2 Emission



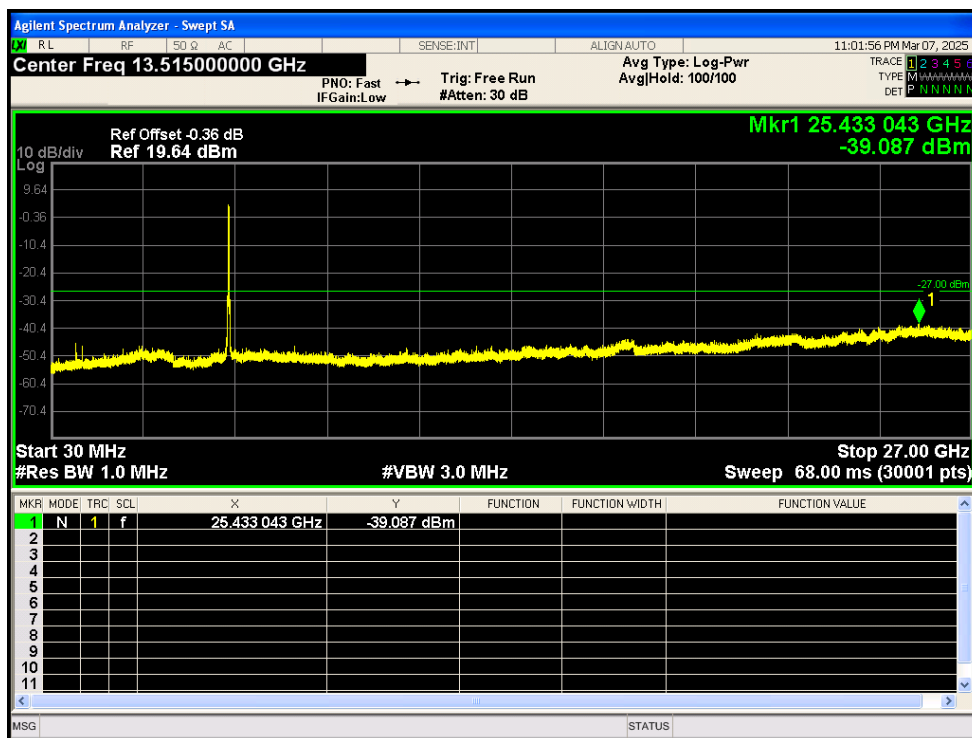
Tx. Spurious NVNT n20 5240MHz Ant2 Emission



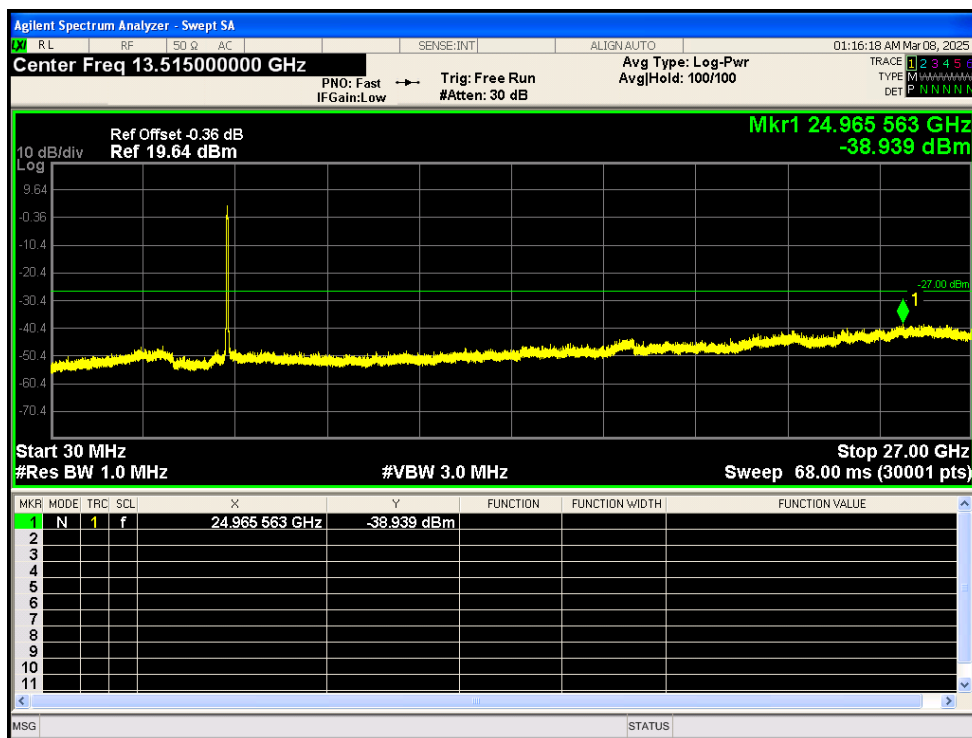
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



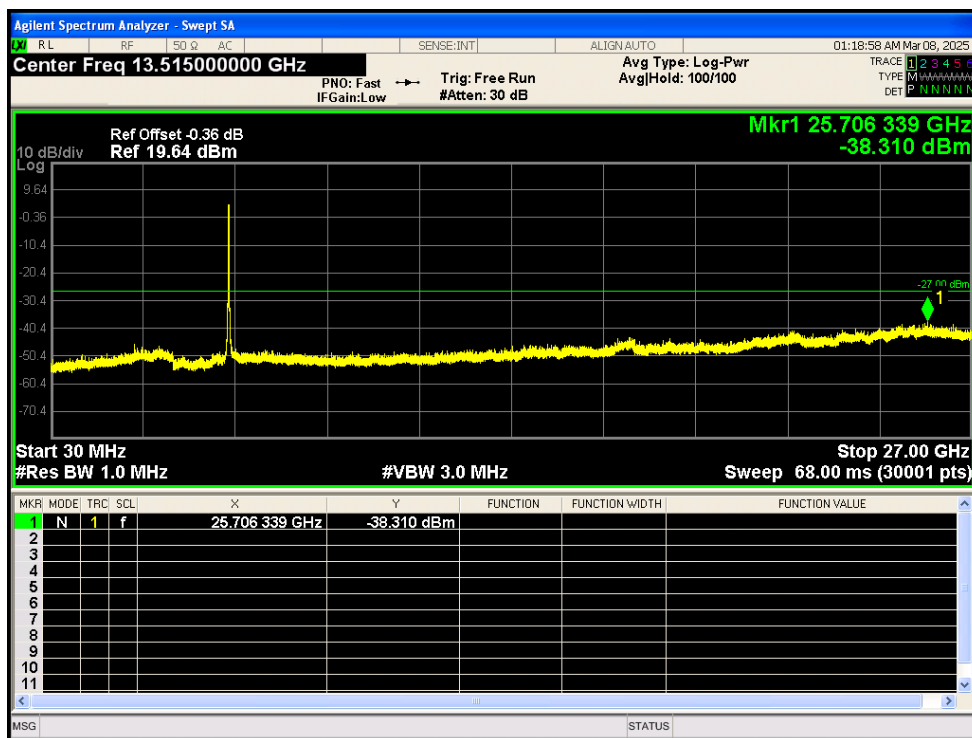
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



Tx. Spurious NVNT n40 5190MHz Ant2 Emission



Tx. Spurious NVNT n40 5230MHz Ant2 Emission



WIFI 5.2G MIMO:

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	11.19	24	Pass
NVNT	ac20	5180	Ant2	11.65	24	Pass
NVNT	ac20	5180	Sum	14.44	24	Pass
NVNT	ac20	5200	Ant1	12.43	24	Pass
NVNT	ac20	5200	Ant2	12.12	24	Pass
NVNT	ac20	5200	Sum	15.29	24	Pass
NVNT	ac20	5240	Ant1	11.12	24	Pass
NVNT	ac20	5240	Ant2	12.3	24	Pass
NVNT	ac20	5240	Sum	14.76	24	Pass
NVNT	ac40	5190	Ant1	9.61	24	Pass
NVNT	ac40	5190	Ant2	9.73	24	Pass
NVNT	ac40	5190	Sum	12.68	24	Pass
NVNT	ac40	5230	Ant1	11.02	24	Pass
NVNT	ac40	5230	Ant2	12.2	24	Pass
NVNT	ac40	5230	Sum	14.66	24	Pass
NVNT	ac80	5210	Ant1	11.29	24	Pass
NVNT	ac80	5210	Ant2	11.62	24	Pass
NVNT	ac80	5210	Sum	14.47	24	Pass
NVNT	ax20	5180	Ant1	11.07	24	Pass
NVNT	ax20	5180	Ant2	11.68	24	Pass
NVNT	ax20	5180	Sum	14.4	24	Pass
NVNT	ax20	5200	Ant1	12.4	24	Pass
NVNT	ax20	5200	Ant2	12.23	24	Pass
NVNT	ax20	5200	Sum	15.33	24	Pass
NVNT	ax20	5240	Ant1	11.02	24	Pass
NVNT	ax20	5240	Ant2	12.59	24	Pass
NVNT	ax20	5240	Sum	14.89	24	Pass
NVNT	ax40	5190	Ant1	11.94	24	Pass
NVNT	ax40	5190	Ant2	11.98	24	Pass
NVNT	ax40	5190	Sum	14.97	24	Pass
NVNT	ax40	5230	Ant1	11.39	24	Pass
NVNT	ax40	5230	Ant2	12.58	24	Pass
NVNT	ax40	5230	Sum	15.04	24	Pass
NVNT	ax80	5210	Ant1	11.51	24	Pass
NVNT	ax80	5210	Ant2	12.04	24	Pass

NVNT	ax80	5210	Sum	14.79	24	Pass
NVNT	n20	5180	Ant1	10.6	24	Pass
NVNT	n20	5180	Ant2	10.64	24	Pass
NVNT	n20	5180	Sum	13.63	24	Pass
NVNT	n20	5200	Ant1	12.53	24	Pass
NVNT	n20	5200	Ant2	12.09	24	Pass
NVNT	n20	5200	Sum	15.33	24	Pass
NVNT	n20	5240	Ant1	10.73	24	Pass
NVNT	n20	5240	Ant2	12.46	24	Pass
NVNT	n20	5240	Sum	14.69	24	Pass
NVNT	n40	5190	Ant1	11.89	24	Pass
NVNT	n40	5190	Ant2	11.8	24	Pass
NVNT	n40	5190	Sum	14.86	24	Pass
NVNT	n40	5230	Ant1	11.16	24	Pass
NVNT	n40	5230	Ant2	12.32	24	Pass
NVNT	n40	5230	Sum	14.79	24	Pass

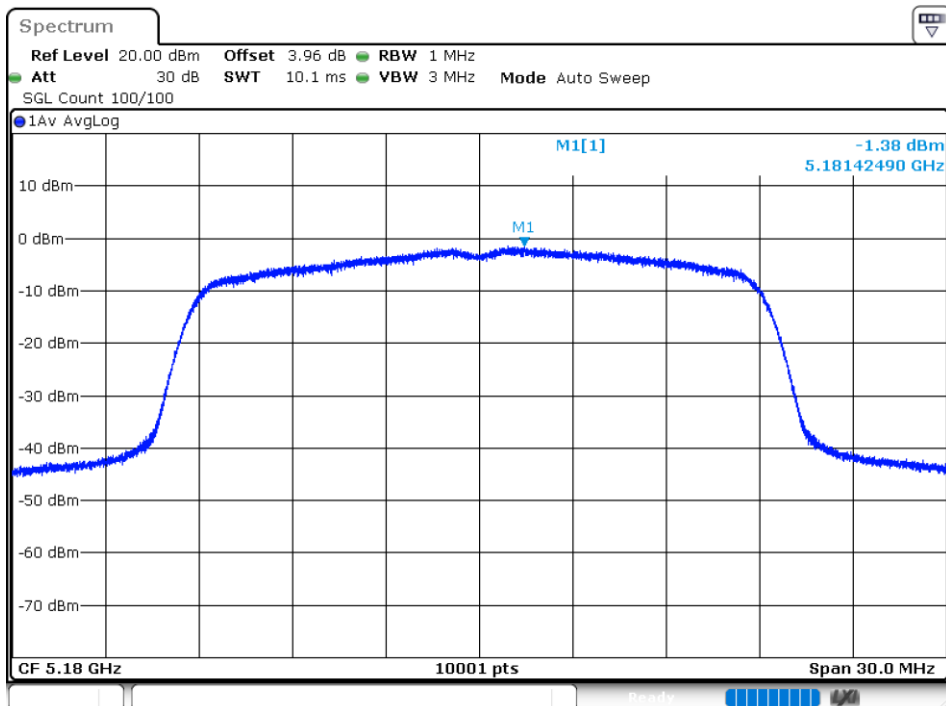
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	-1.38	11	Pass
NVNT	ac20	5180	Ant2	-0.2	11	Pass
NVNT	ac20	5180	Sum	2.26	11	Pass
NVNT	ac20	5200	Ant1	0.18	11	Pass
NVNT	ac20	5200	Ant2	0.17	11	Pass
NVNT	ac20	5200	Sum	3.19	11	Pass
NVNT	ac20	5240	Ant1	-0.29	11	Pass
NVNT	ac20	5240	Ant2	-0.2	11	Pass
NVNT	ac20	5240	Sum	2.77	11	Pass
NVNT	ac40	5190	Ant1	-6.05	11	Pass
NVNT	ac40	5190	Ant2	-4.52	11	Pass
NVNT	ac40	5190	Sum	-2.21	11	Pass
NVNT	ac40	5230	Ant1	-3.65	11	Pass
NVNT	ac40	5230	Ant2	-2.66	11	Pass
NVNT	ac40	5230	Sum	-0.12	11	Pass
NVNT	ac80	5210	Ant1	-7.6	11	Pass
NVNT	ac80	5210	Ant2	-7.46	11	Pass
NVNT	ac80	5210	Sum	-4.52	11	Pass
NVNT	ax20	5180	Ant1	-2.2	11	Pass
NVNT	ax20	5180	Ant2	-0.82	11	Pass
NVNT	ax20	5180	Sum	1.55	11	Pass
NVNT	ax20	5200	Ant1	-0.3	11	Pass
NVNT	ax20	5200	Ant2	0.04	11	Pass
NVNT	ax20	5200	Sum	2.88	11	Pass
NVNT	ax20	5240	Ant1	-0.38	11	Pass
NVNT	ax20	5240	Ant2	0.01	11	Pass
NVNT	ax20	5240	Sum	2.83	11	Pass
NVNT	ax40	5190	Ant1	-3.75	11	Pass
NVNT	ax40	5190	Ant2	-2.9	11	Pass
NVNT	ax40	5190	Sum	-0.29	11	Pass
NVNT	ax40	5230	Ant1	-3.4	11	Pass
NVNT	ax40	5230	Ant2	-2.75	11	Pass
NVNT	ax40	5230	Sum	-0.05	11	Pass
NVNT	ax80	5210	Ant1	-7.53	11	Pass
NVNT	ax80	5210	Ant2	-7.33	11	Pass
NVNT	ax80	5210	Sum	-4.42	11	Pass
NVNT	n20	5180	Ant1	-5.18	11	Pass
NVNT	n20	5180	Ant2	-3.68	11	Pass
NVNT	n20	5180	Sum	-1.36	11	Pass
NVNT	n20	5200	Ant1	0.21	11	Pass
NVNT	n20	5200	Ant2	0.11	11	Pass

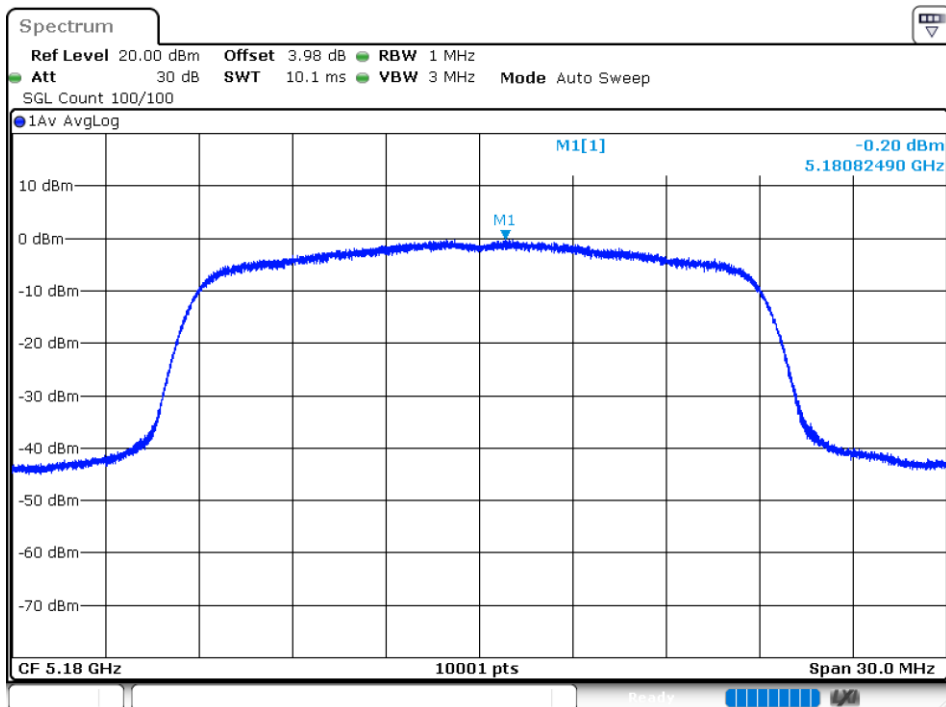
NVNT	n20	5200	Sum	3.17	11	Pass
NVNT	n20	5240	Ant1	-0.09	11	Pass
NVNT	n20	5240	Ant2	0.17	11	Pass
NVNT	n20	5240	Sum	3.05	11	Pass
NVNT	n40	5190	Ant1	-3.54	11	Pass
NVNT	n40	5190	Ant2	-2.57	11	Pass
NVNT	n40	5190	Sum	-0.02	11	Pass
NVNT	n40	5230	Ant1	-3.89	11	Pass
NVNT	n40	5230	Ant2	-3.36	11	Pass
NVNT	n40	5230	Sum	-0.61	11	Pass

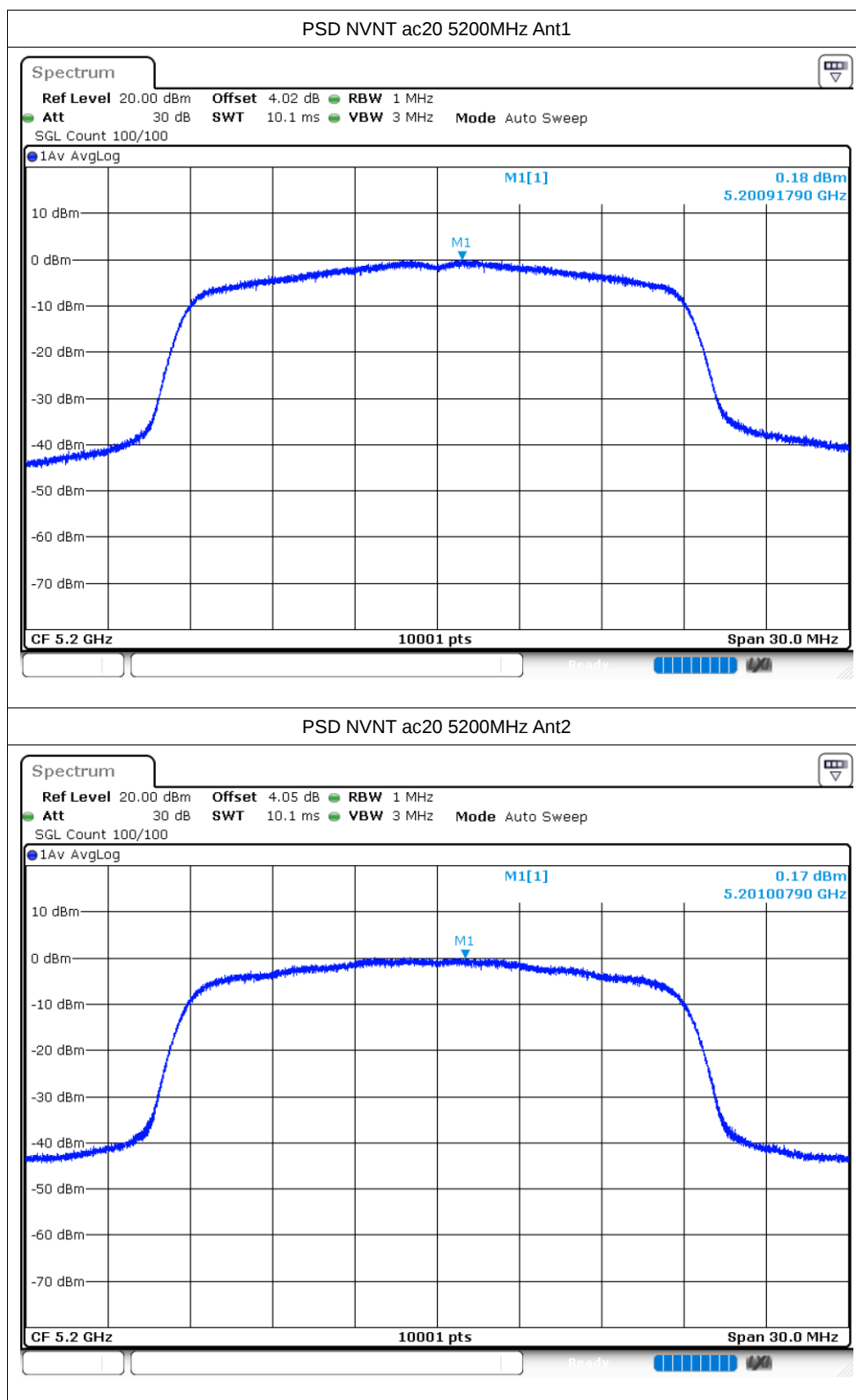
Test Graphs

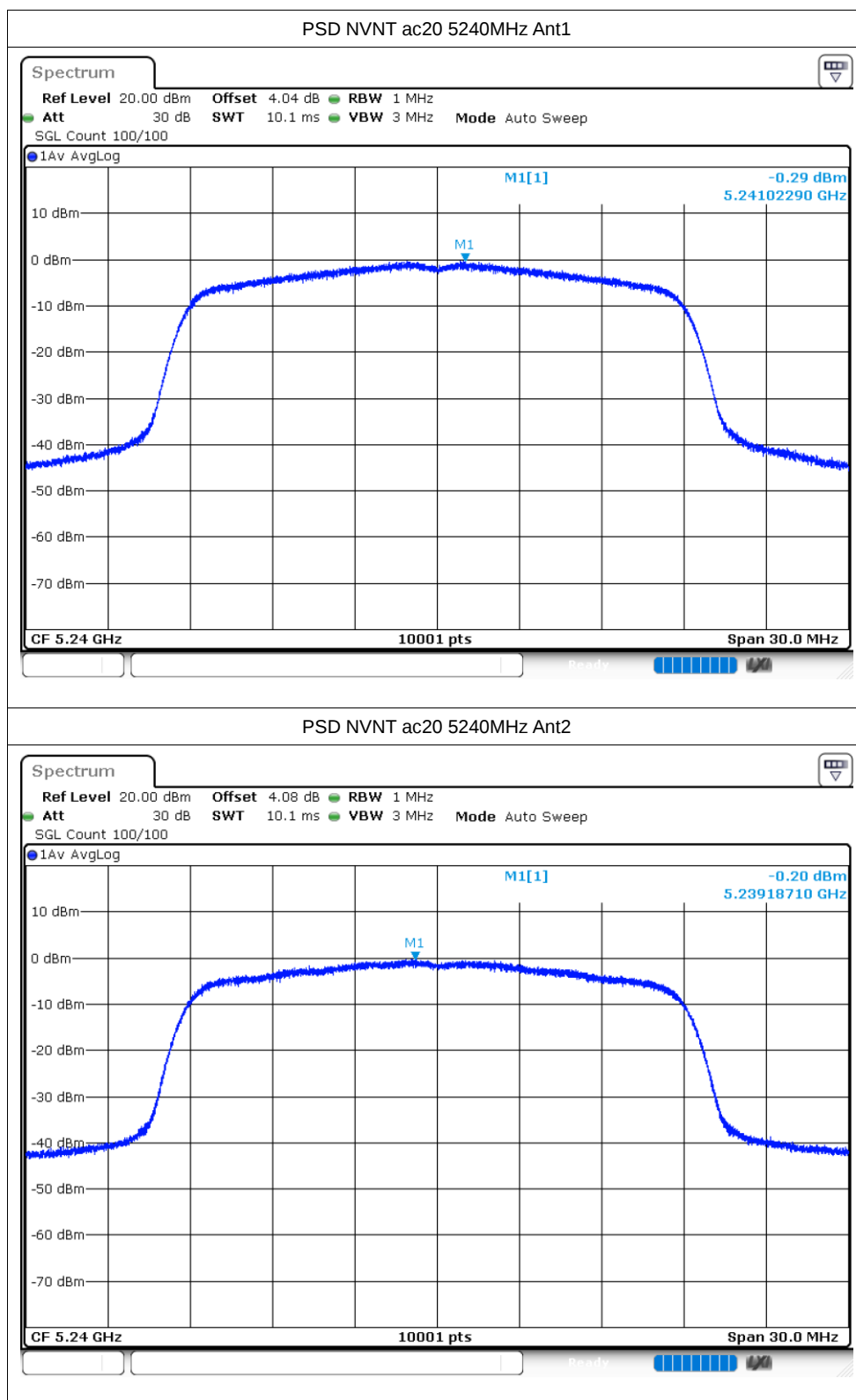
PSD NVNT ac20 5180MHz Ant1

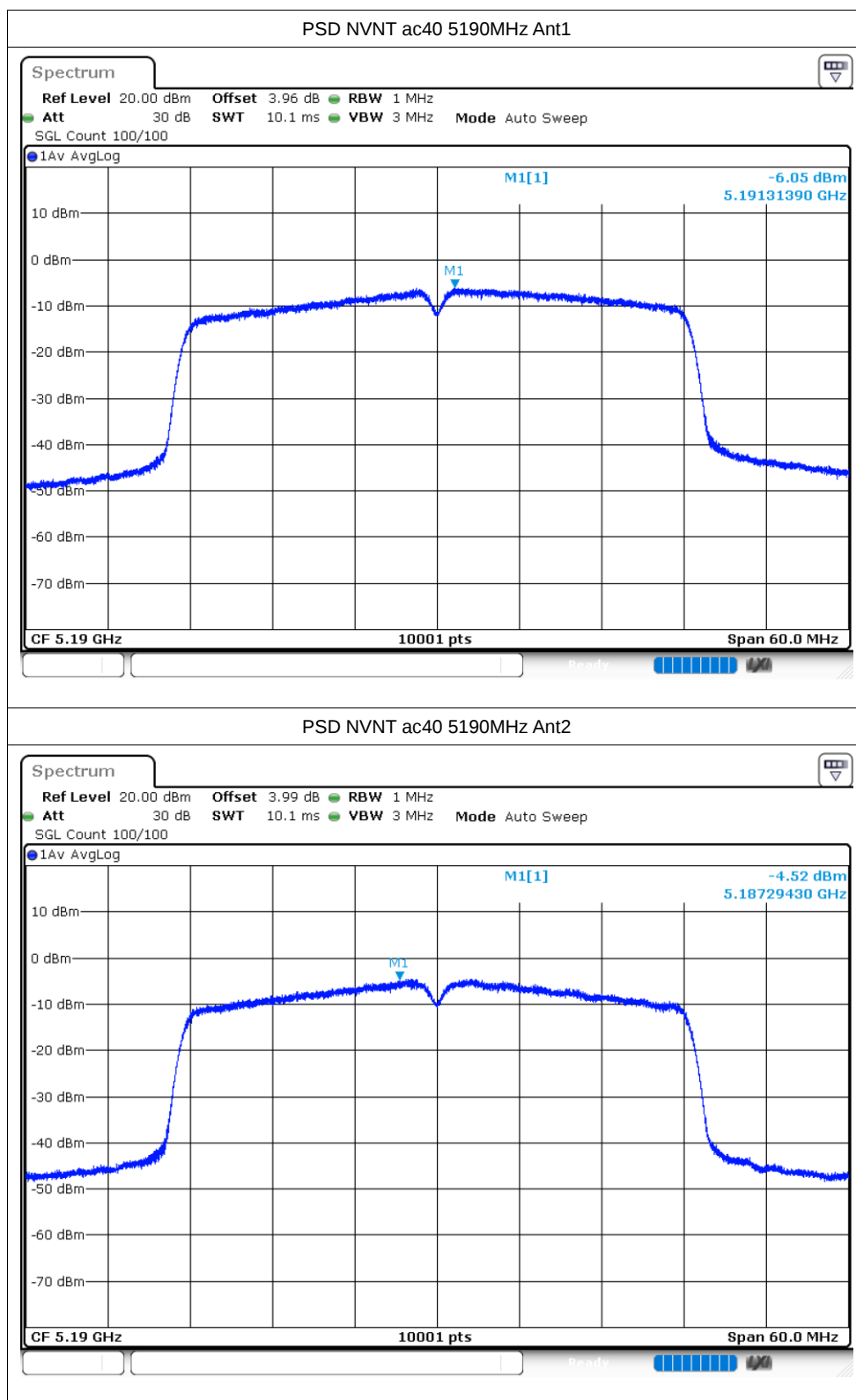


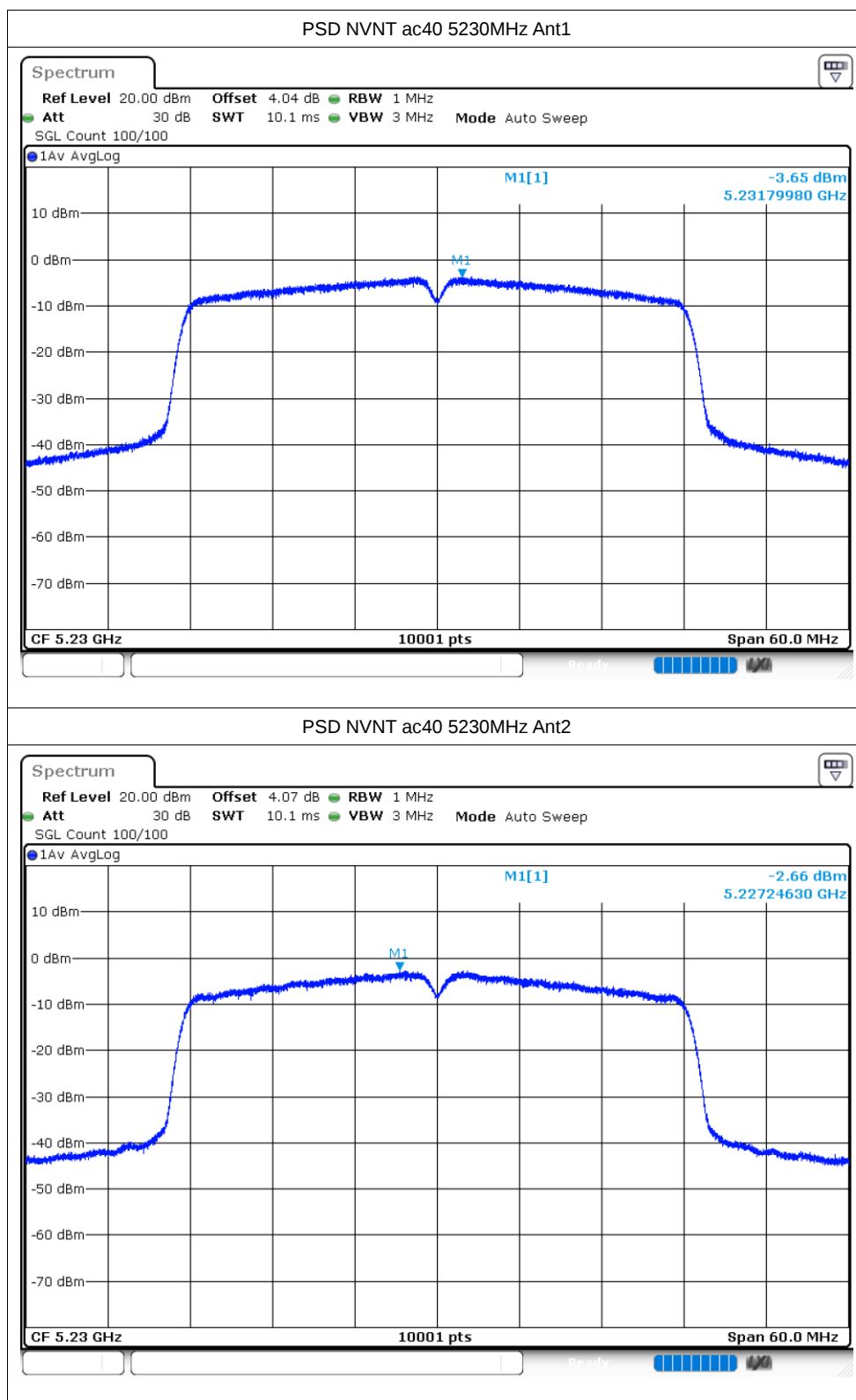
PSD NVNT ac20 5180MHz Ant2

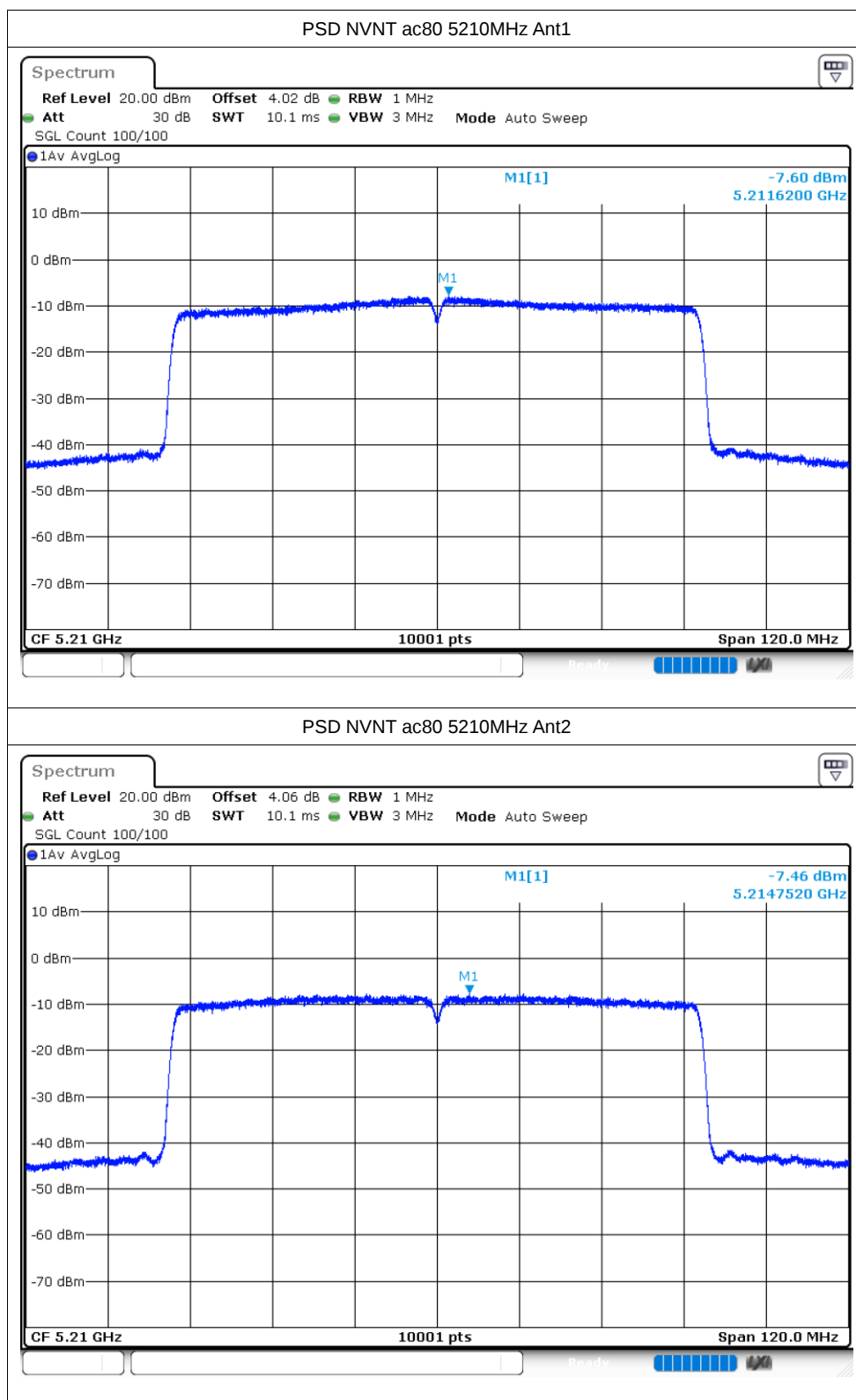


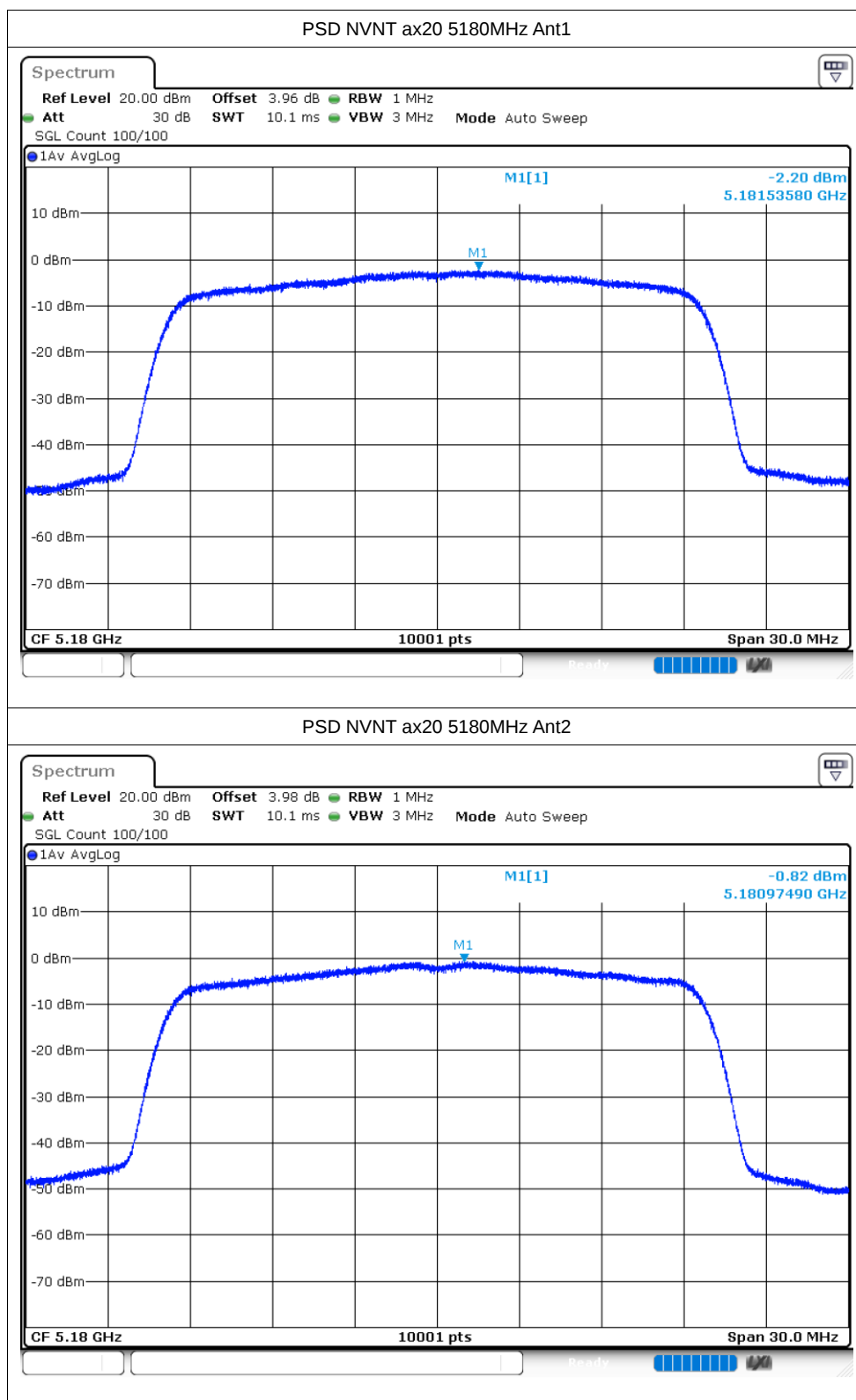


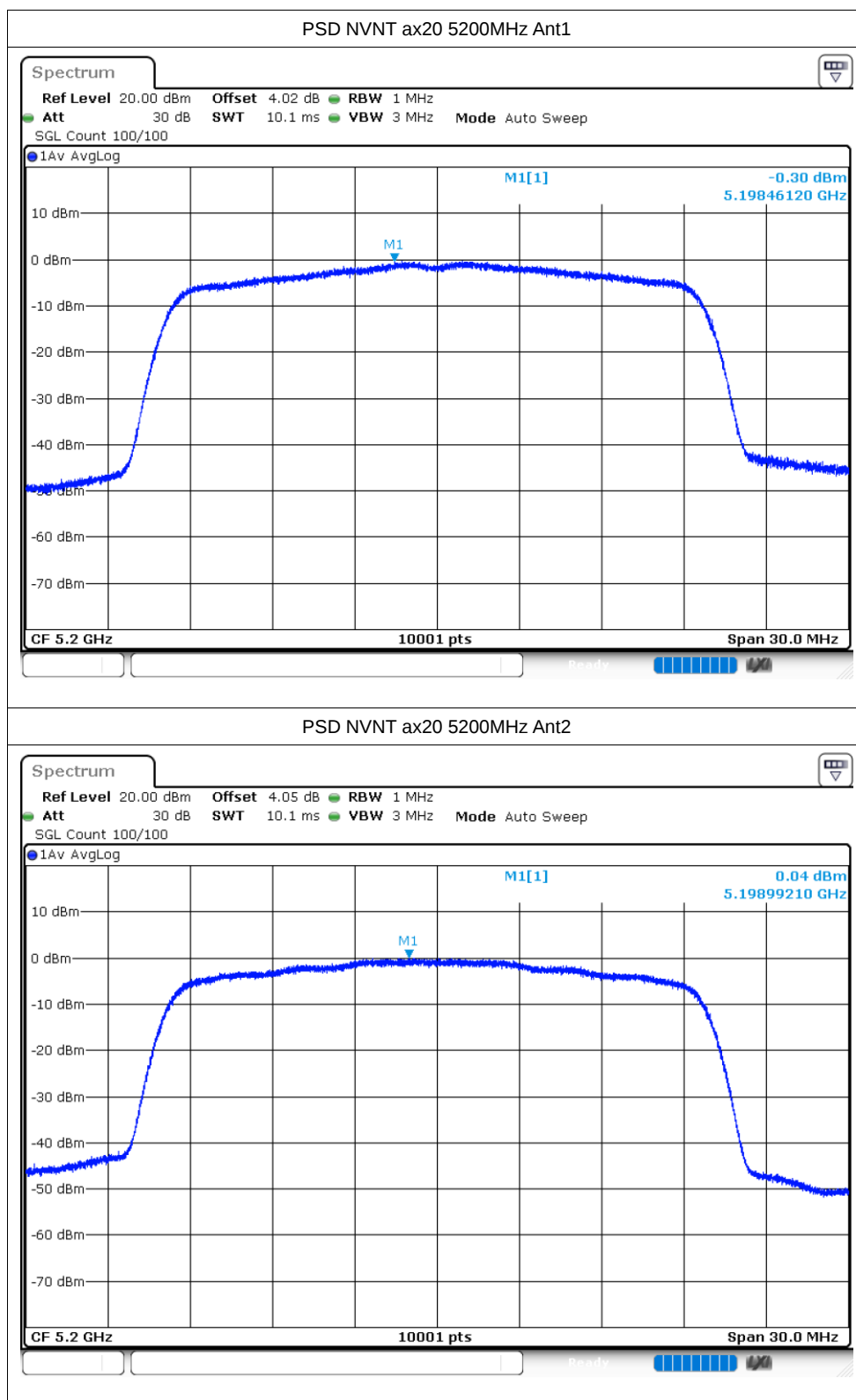


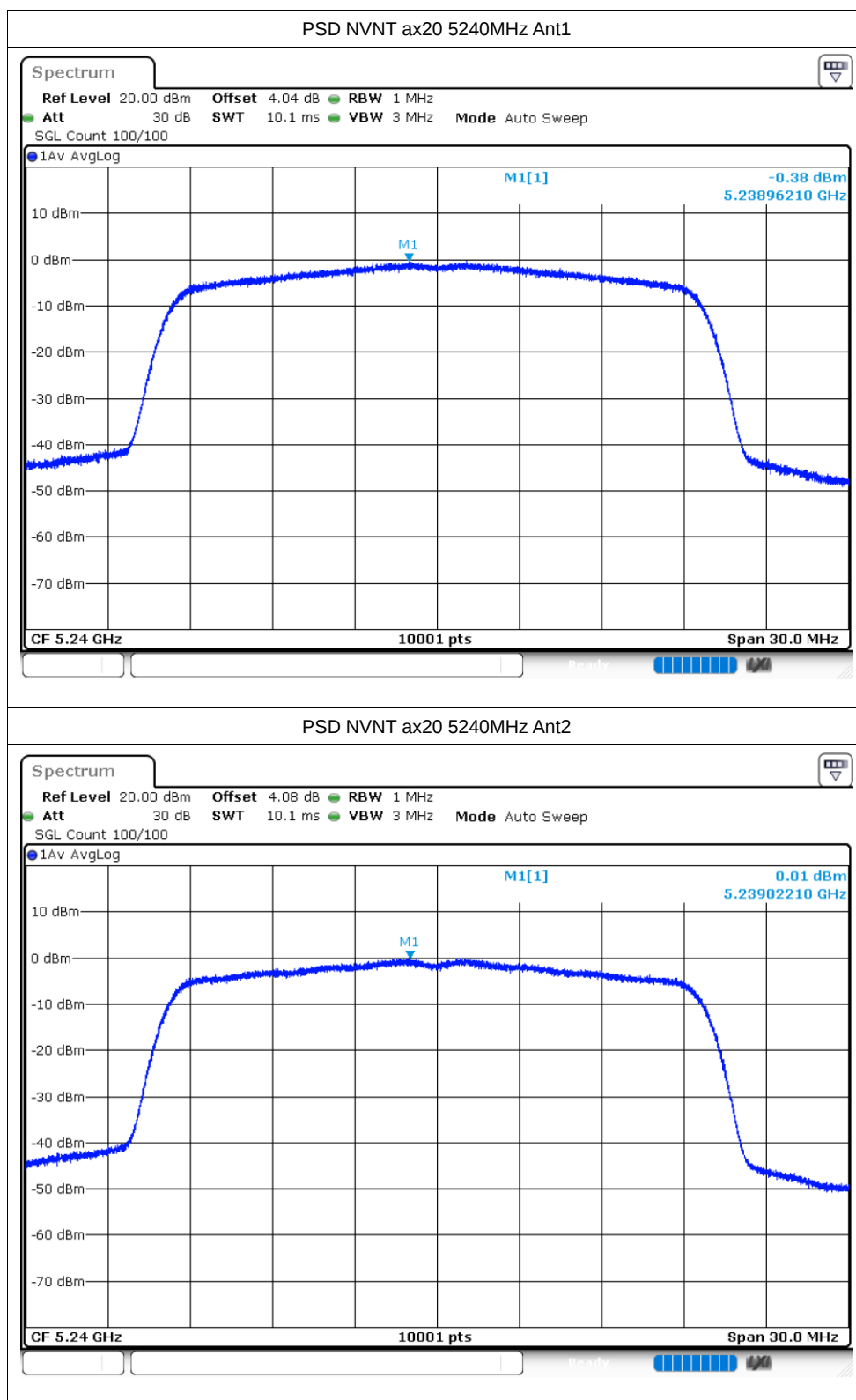


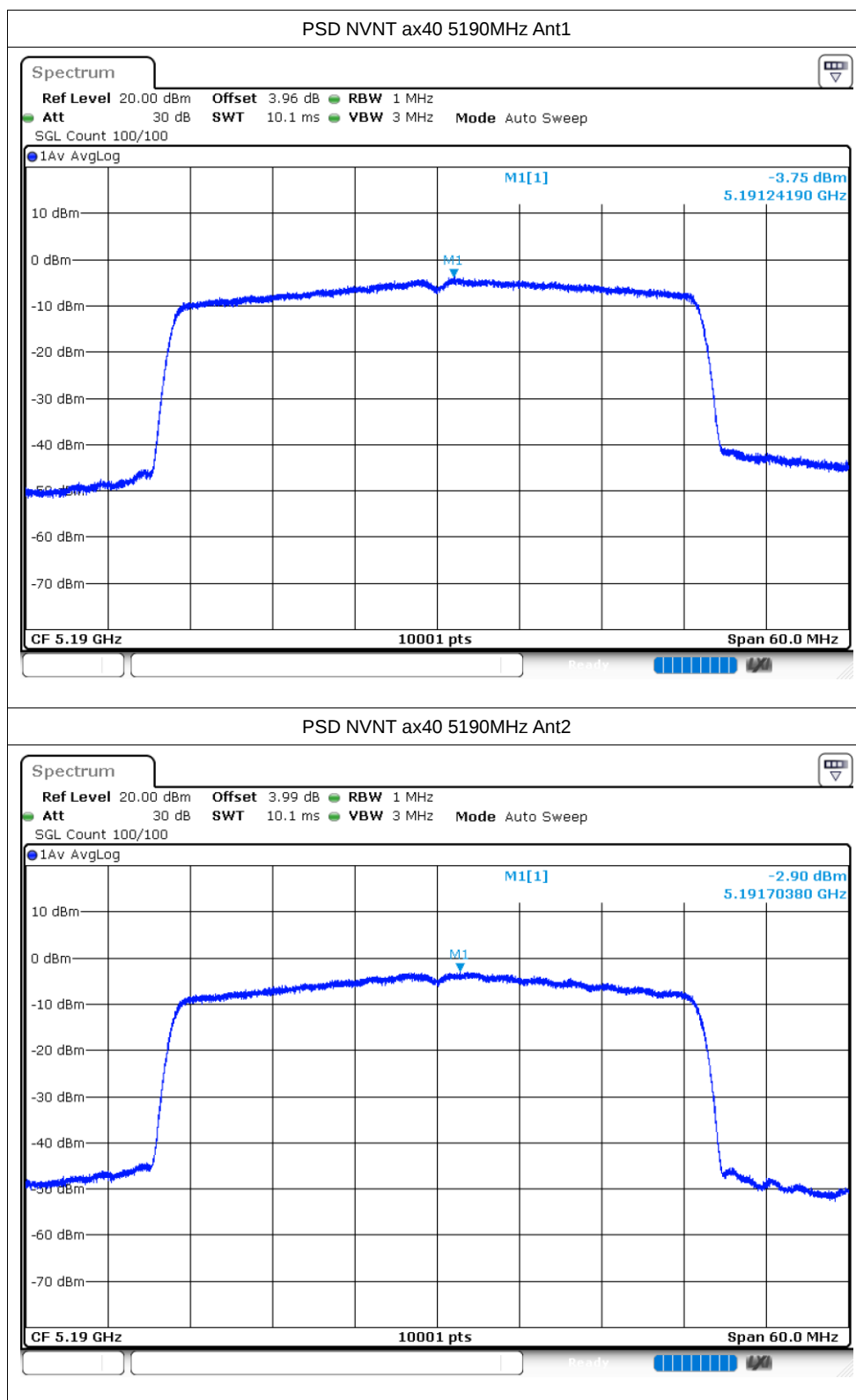


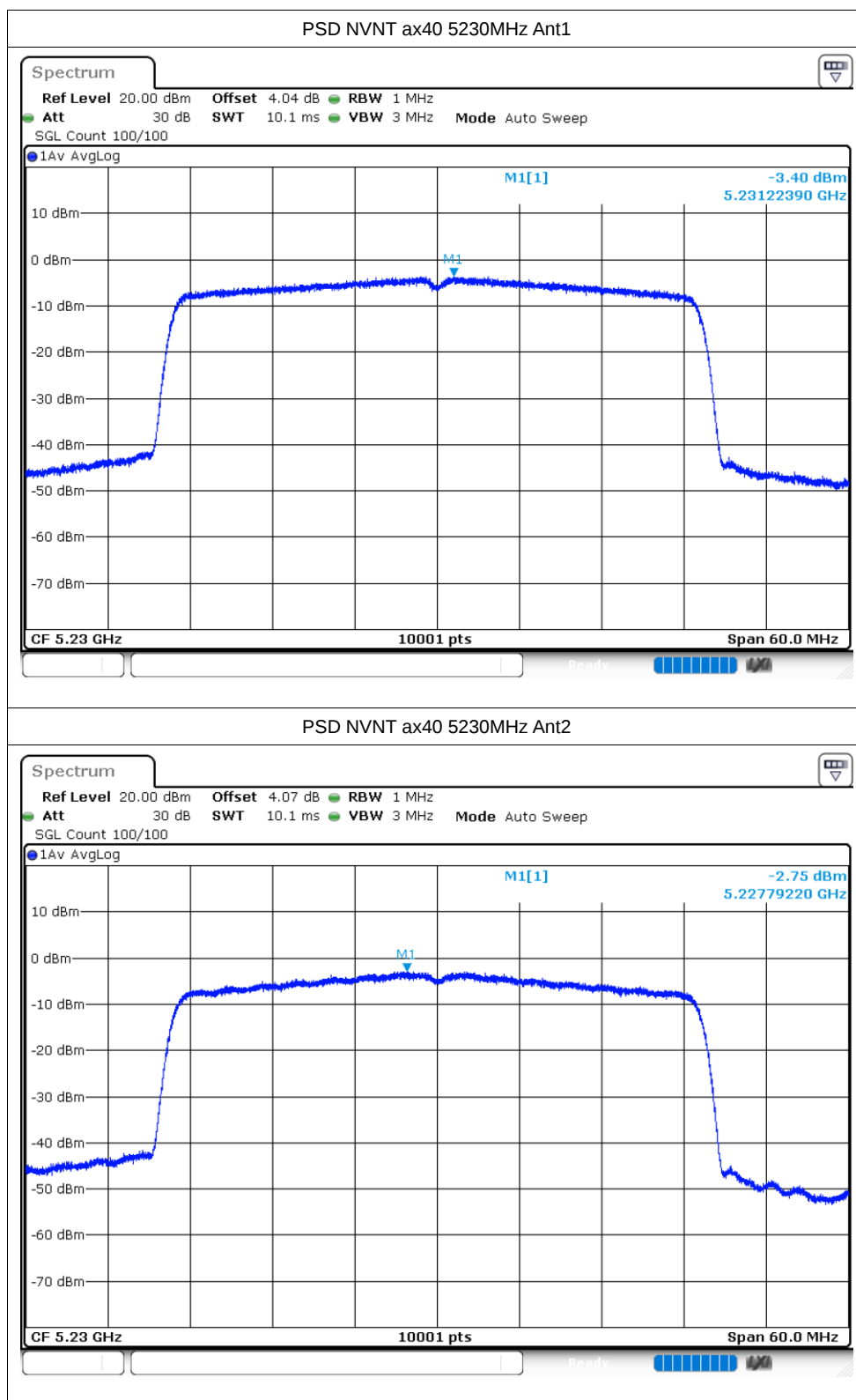


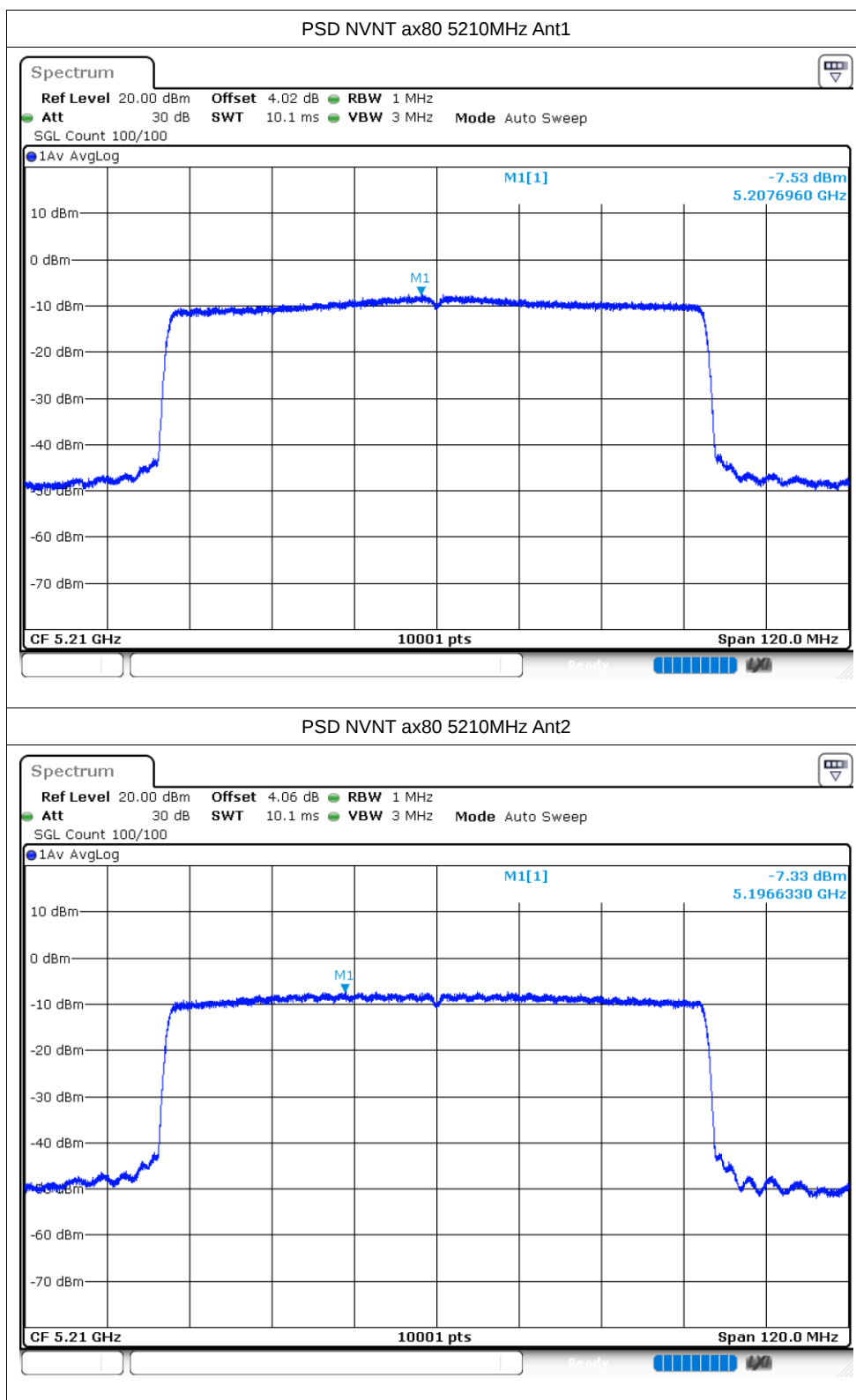


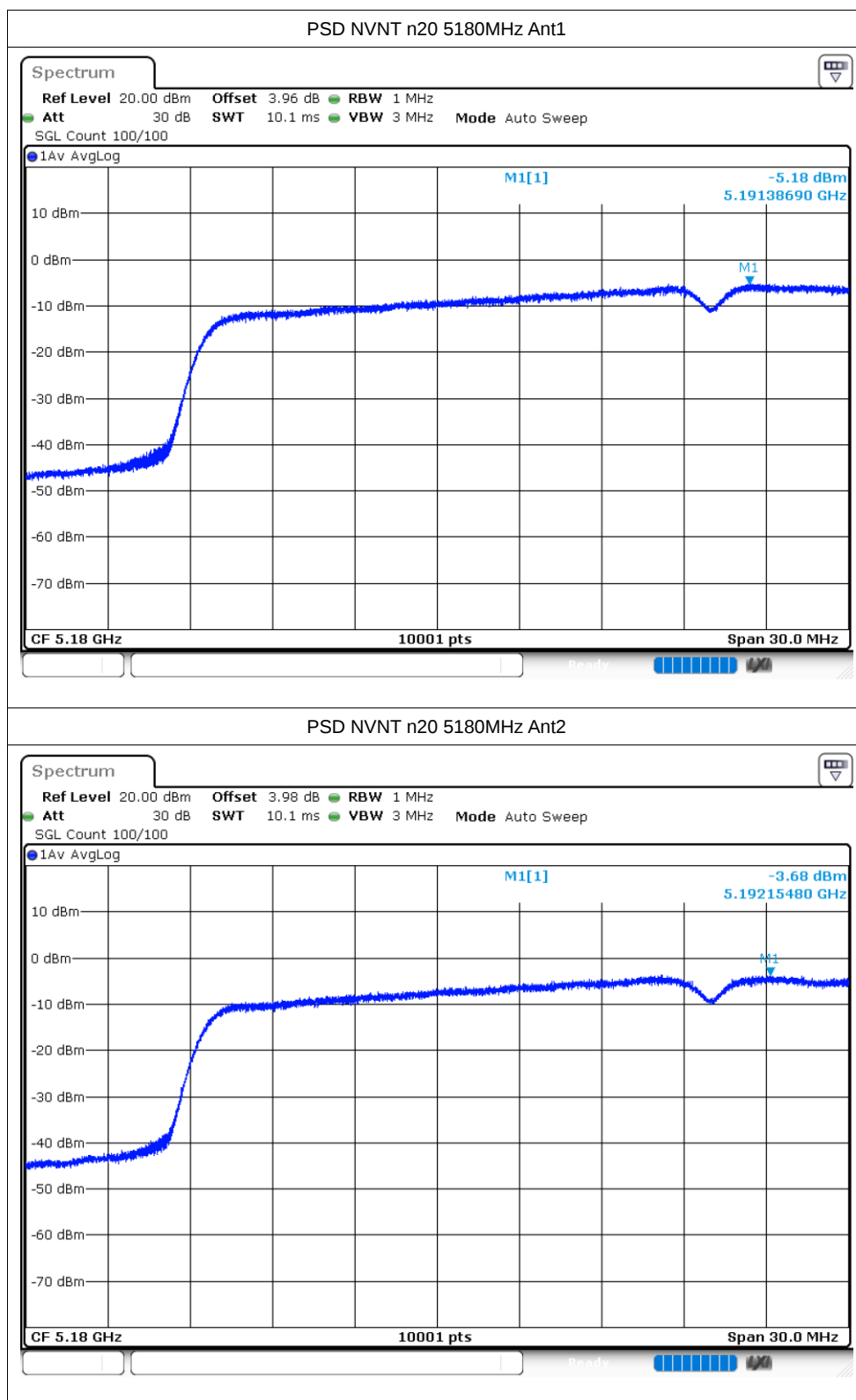


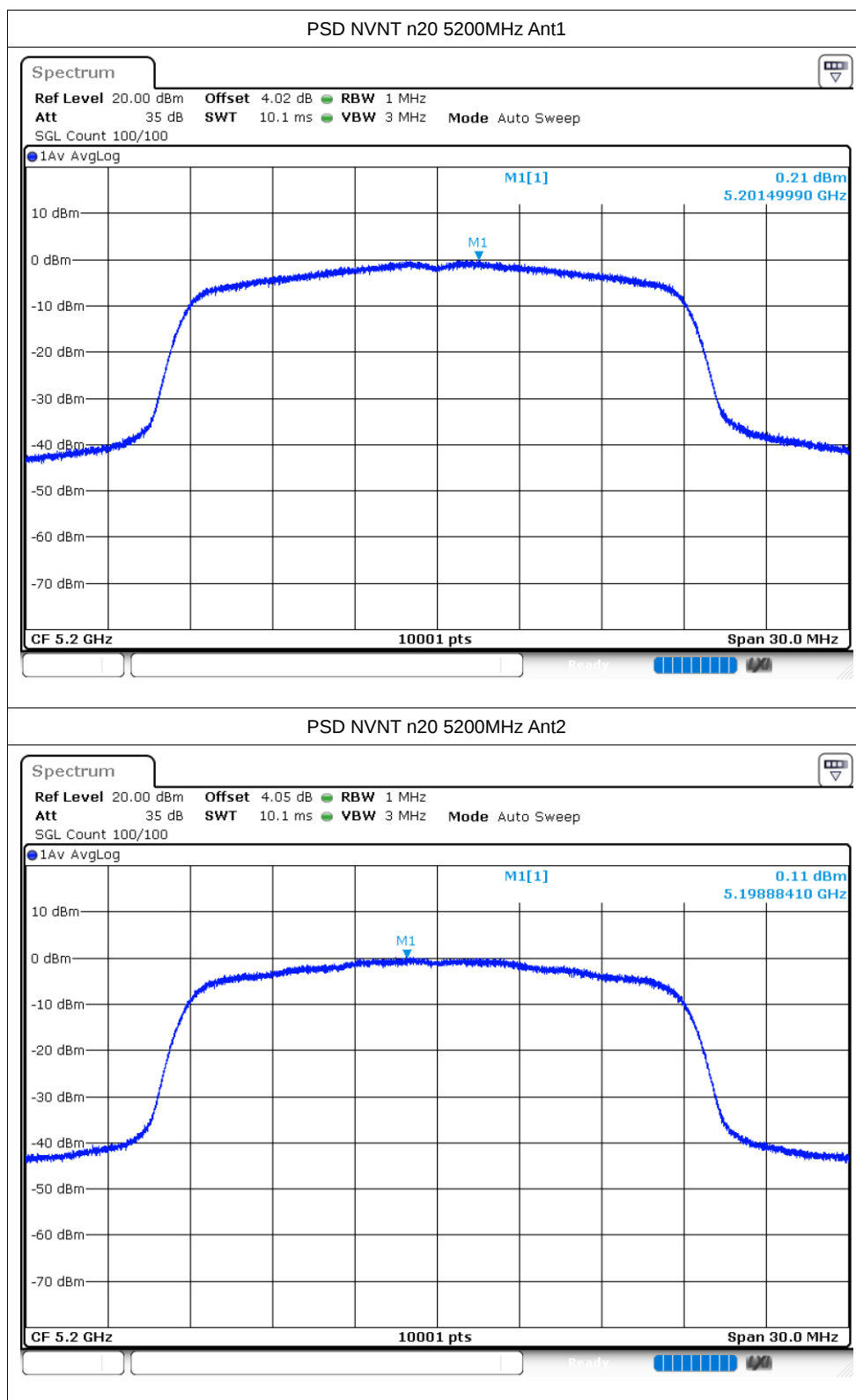


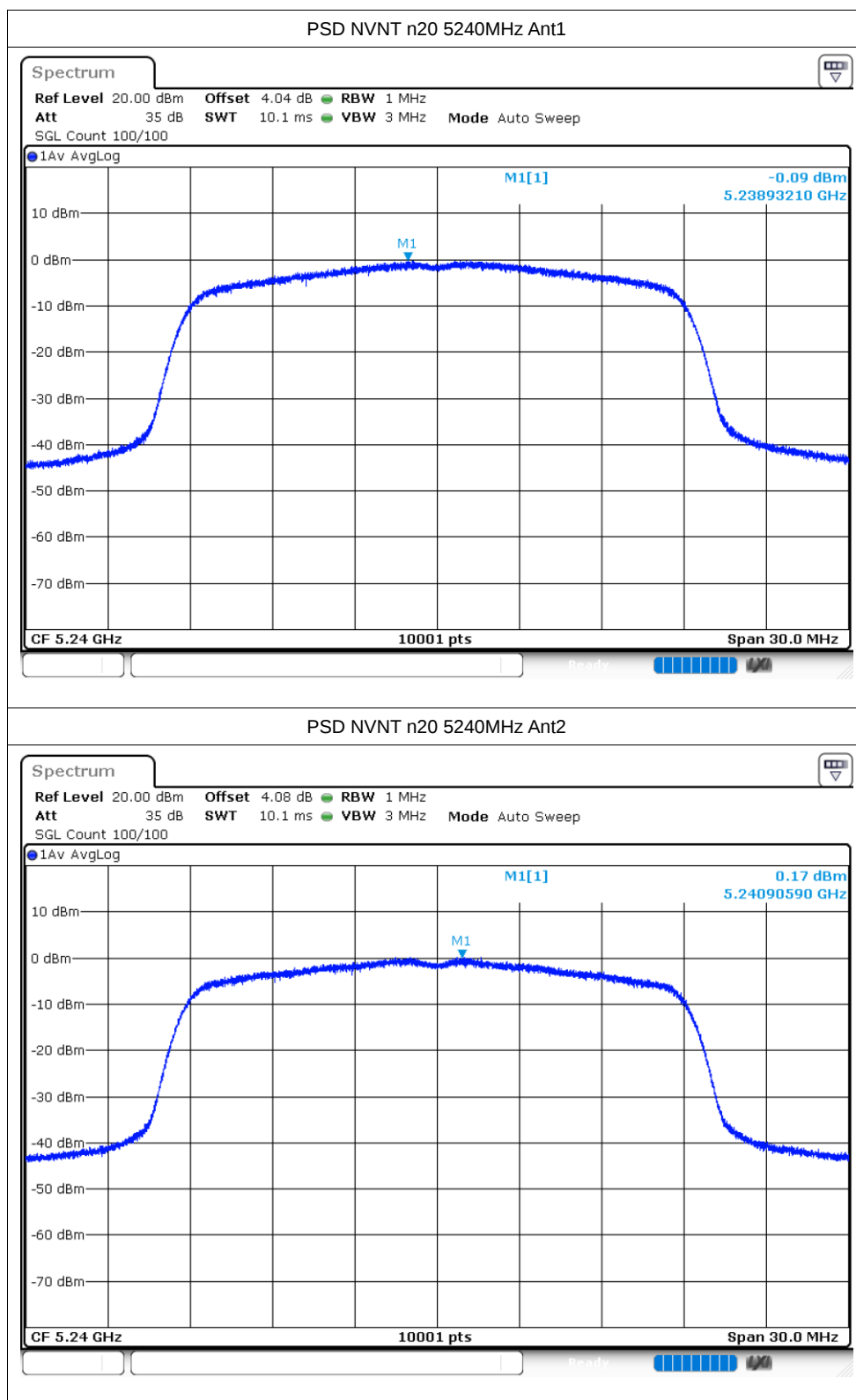


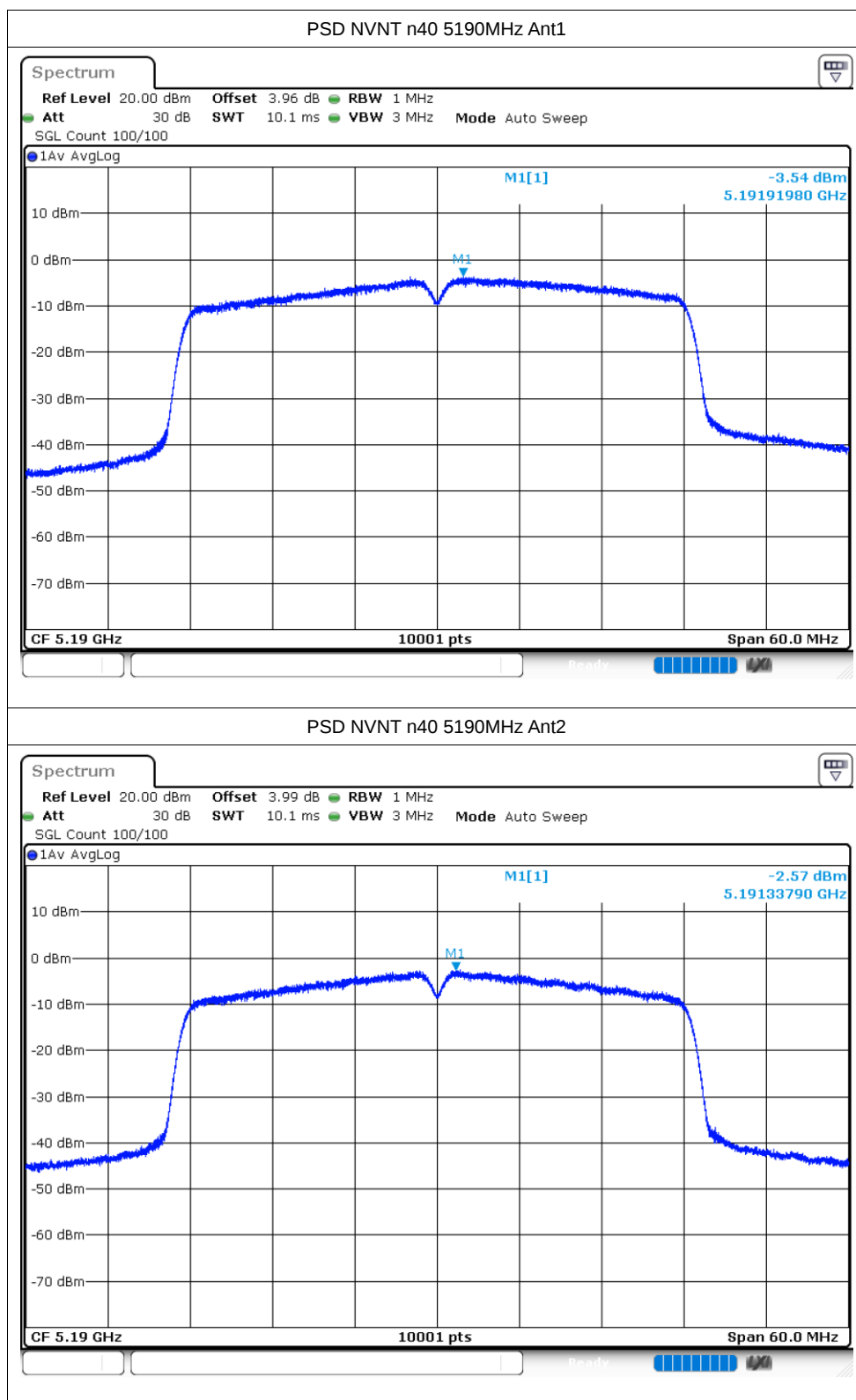


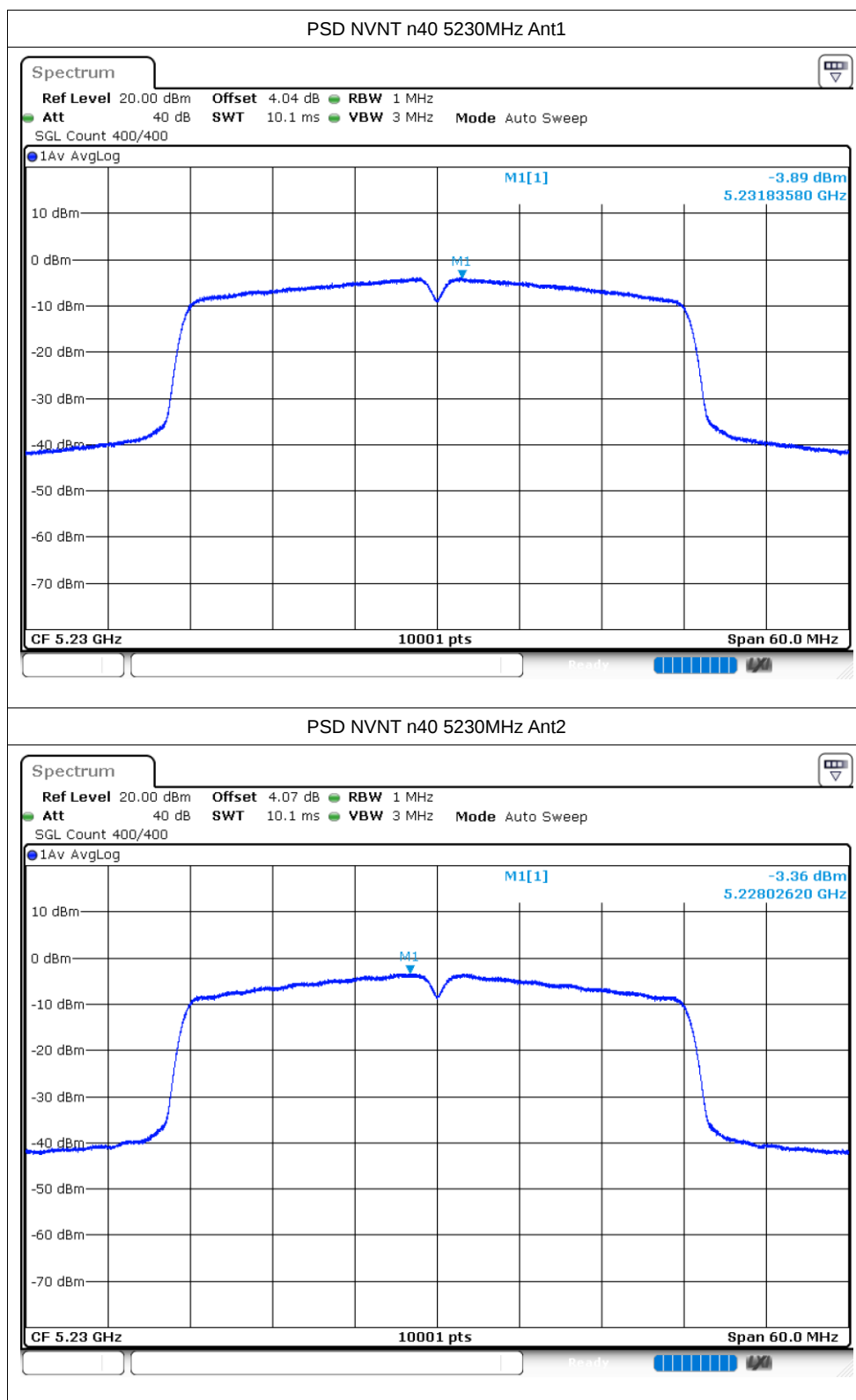












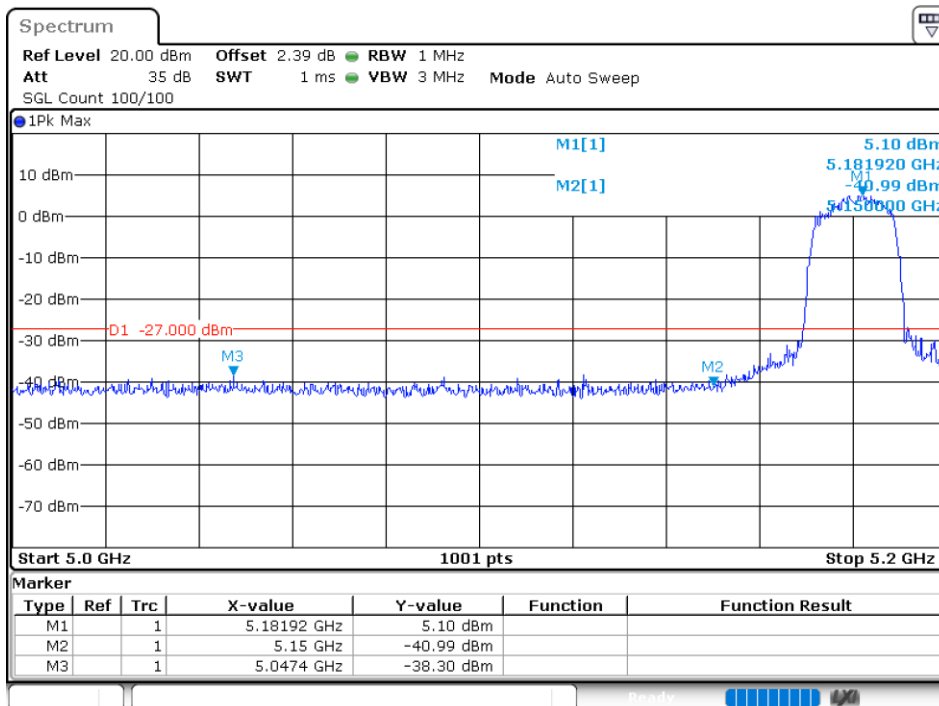
Band Edge

Note: The emissions of ANT 1& ANT 2 both have attenuated 3dB below the limits, so the MIMO mode can be passed.

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5180	Ant1	-38.29	-27	Pass
NVNT	ac20	5180	Ant2	-39.14	-27	Pass
NVNT	ac20	5240	Ant1	-39.32	-27	Pass
NVNT	ac20	5240	Ant2	-39.15	-27	Pass
NVNT	ac40	5190	Ant1	-38.4	-27	Pass
NVNT	ac40	5190	Ant2	-38.74	-27	Pass
NVNT	ac40	5230	Ant1	-38.17	-27	Pass
NVNT	ac40	5230	Ant2	-39.05	-27	Pass
NVNT	ac80	5210	Ant1	-32.72	-27	Pass
NVNT	ac80	5210	Ant2	-34.27	-27	Pass
NVNT	ac80	5210	Ant1	-38.73	-27	Pass
NVNT	ac80	5210	Ant2	-39.19	-27	Pass
NVNT	ax20	5180	Ant1	-38.81	-27	Pass
NVNT	ax20	5180	Ant2	-38.81	-27	Pass
NVNT	ax20	5240	Ant1	-38.97	-27	Pass
NVNT	ax20	5240	Ant2	-38.62	-27	Pass
NVNT	ax40	5190	Ant1	-36.54	-27	Pass
NVNT	ax40	5190	Ant2	-38.4	-27	Pass
NVNT	ax40	5230	Ant1	-38.29	-27	Pass
NVNT	ax40	5230	Ant2	-39.07	-27	Pass
NVNT	ax80	5210	Ant1	-36.04	-27	Pass
NVNT	ax80	5210	Ant2	-39.4	-27	Pass
NVNT	ax80	5210	Ant1	-39.95	-27	Pass
NVNT	ax80	5210	Ant2	-39.42	-27	Pass
NVNT	n20	5180	Ant1	-40.09	-27	Pass
NVNT	n20	5180	Ant2	-39	-27	Pass
NVNT	n20	5240	Ant1	-39.35	-27	Pass
NVNT	n20	5240	Ant2	-39.13	-27	Pass
NVNT	n40	5190	Ant1	-38	-27	Pass
NVNT	n40	5190	Ant2	-37.33	-27	Pass
NVNT	n40	5230	Ant1	-44.5	-27	Pass
NVNT	n40	5230	Ant2	-44.39	-27	Pass

Test Graphs

Band Edge NVNT ac20 5180MHz Low Ant1



Band Edge NVNT ac20 5180MHz Low Ant2

