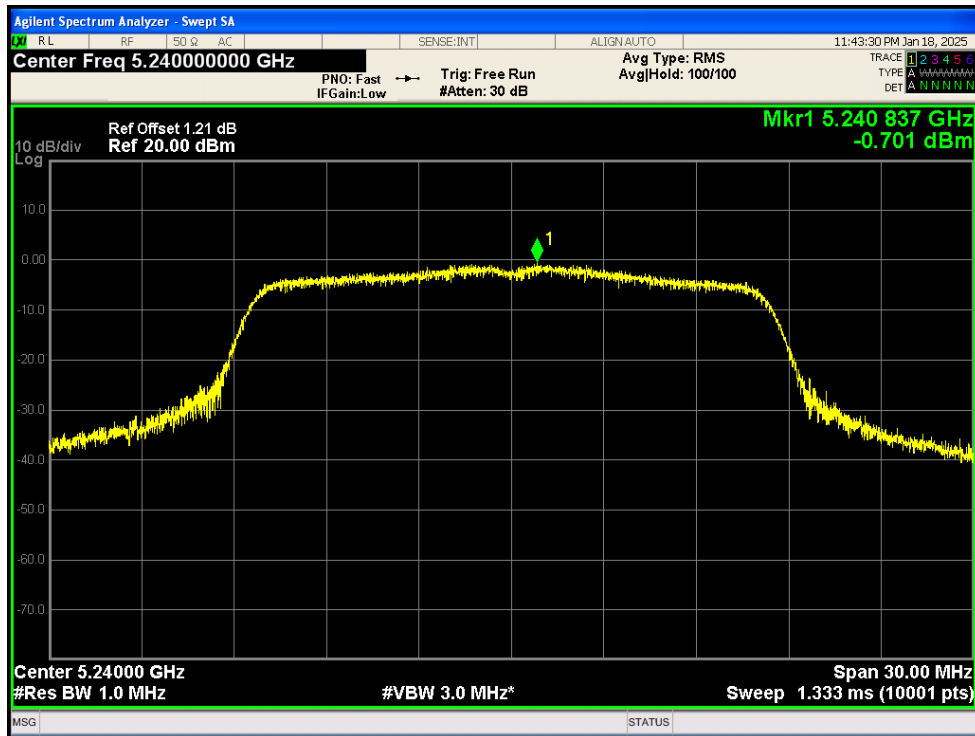
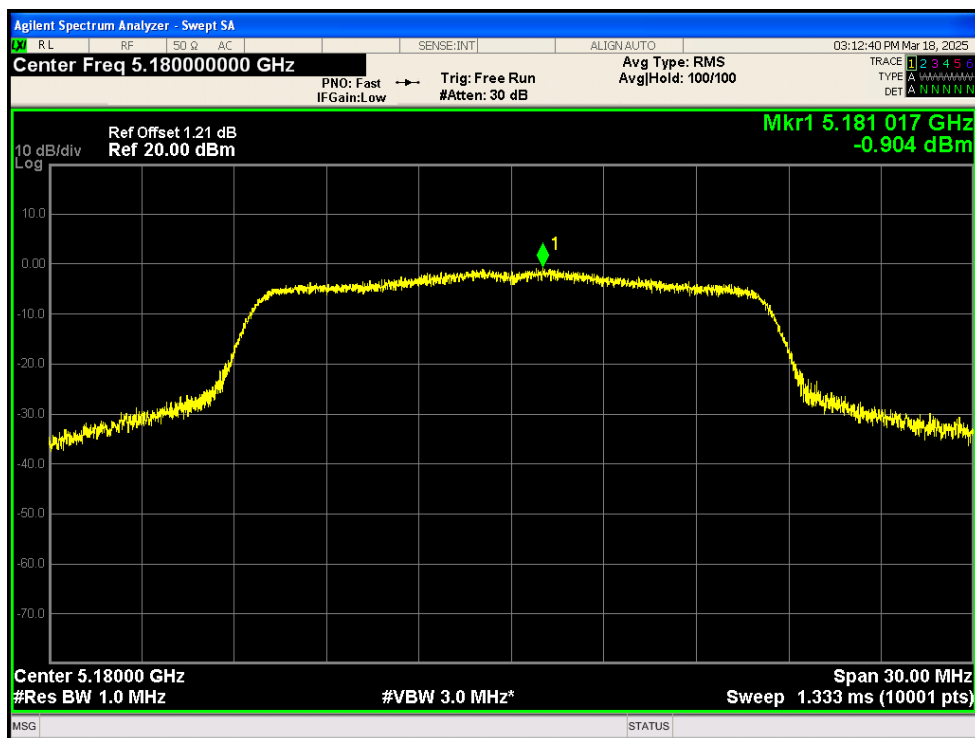
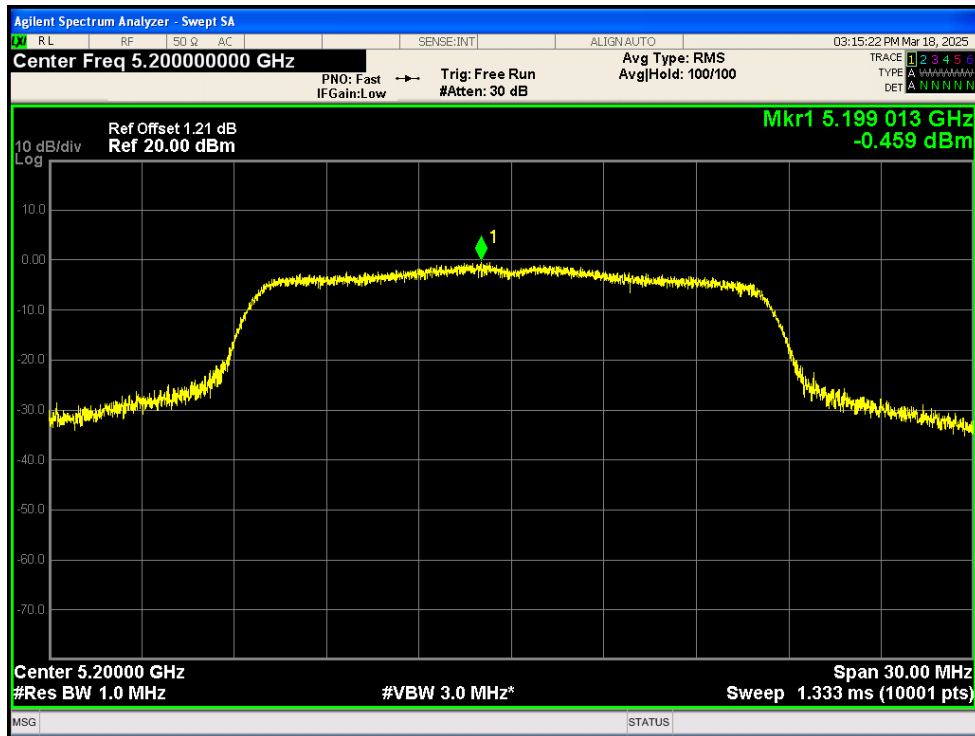




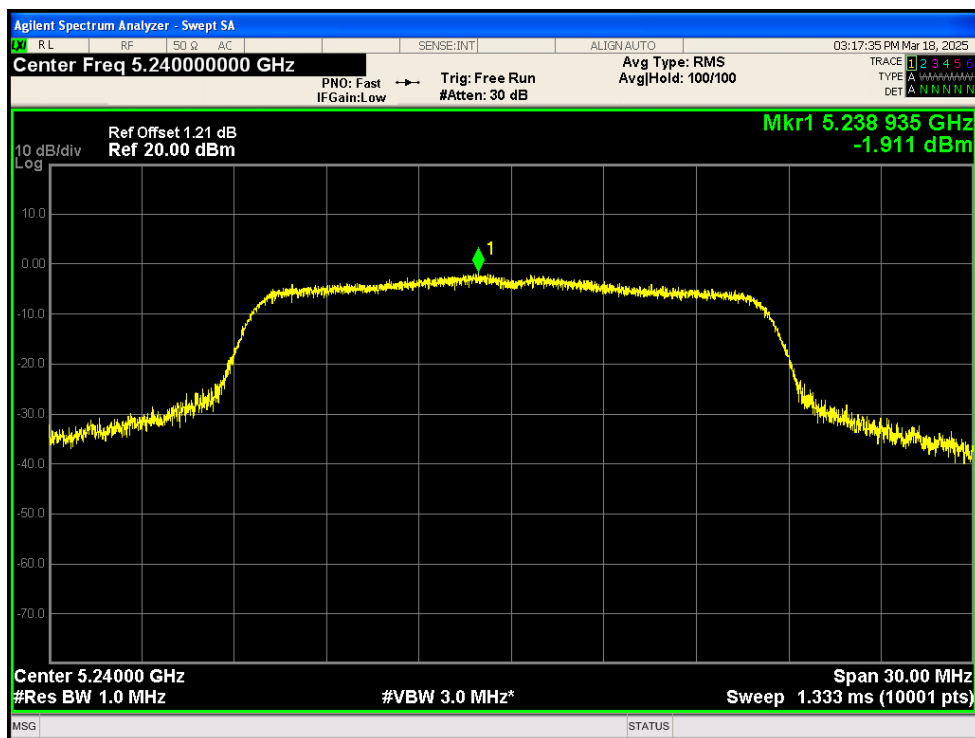
PSD NVNT a 5180MHz Ant2



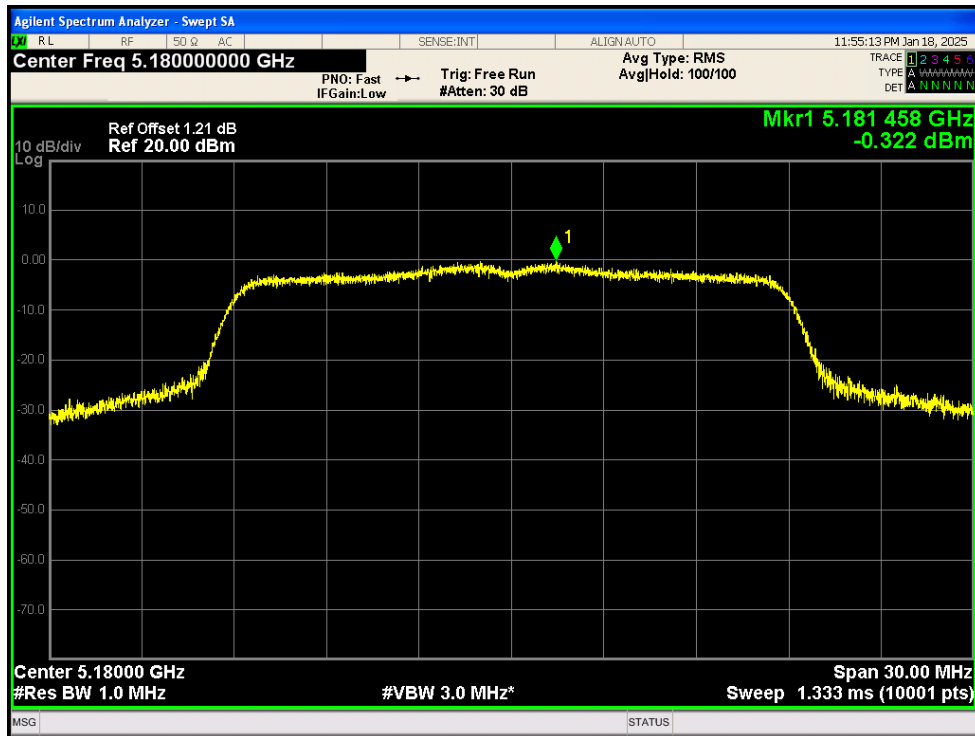
PSD NVNT a 5200MHz Ant2



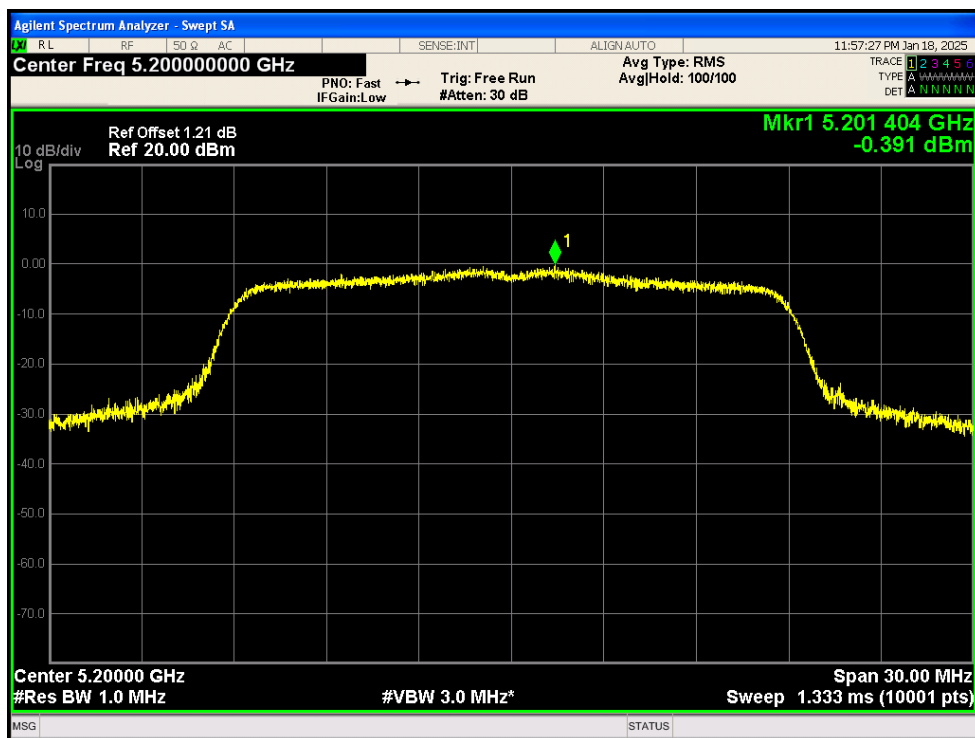
PSD NVNT a 5240MHz Ant2



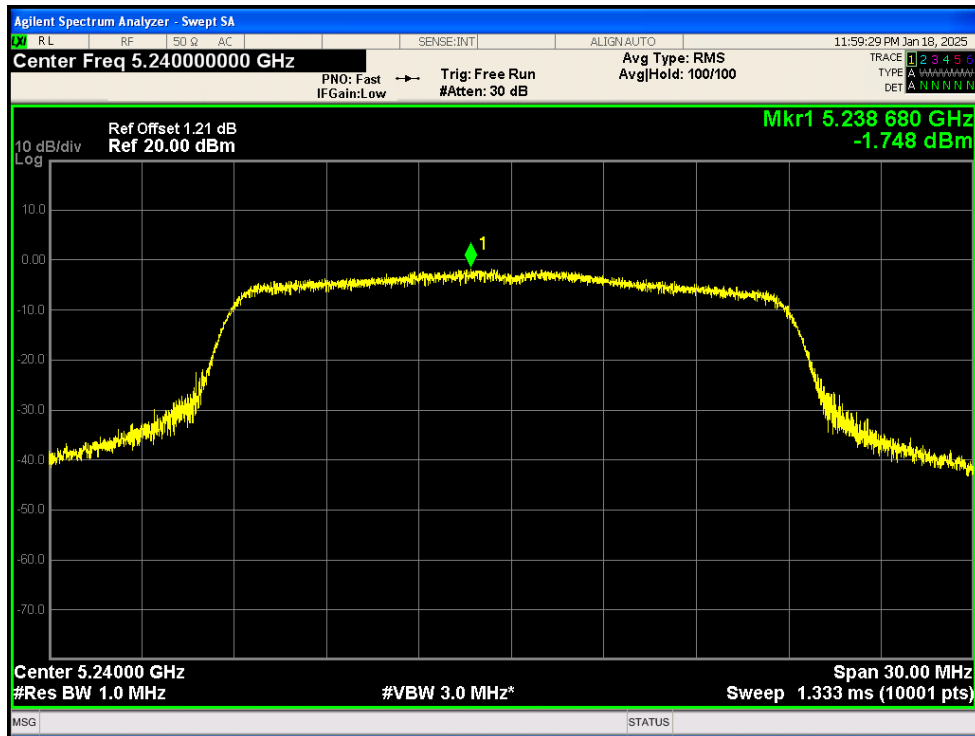
PSD NVNT ac20 5180MHz Ant1



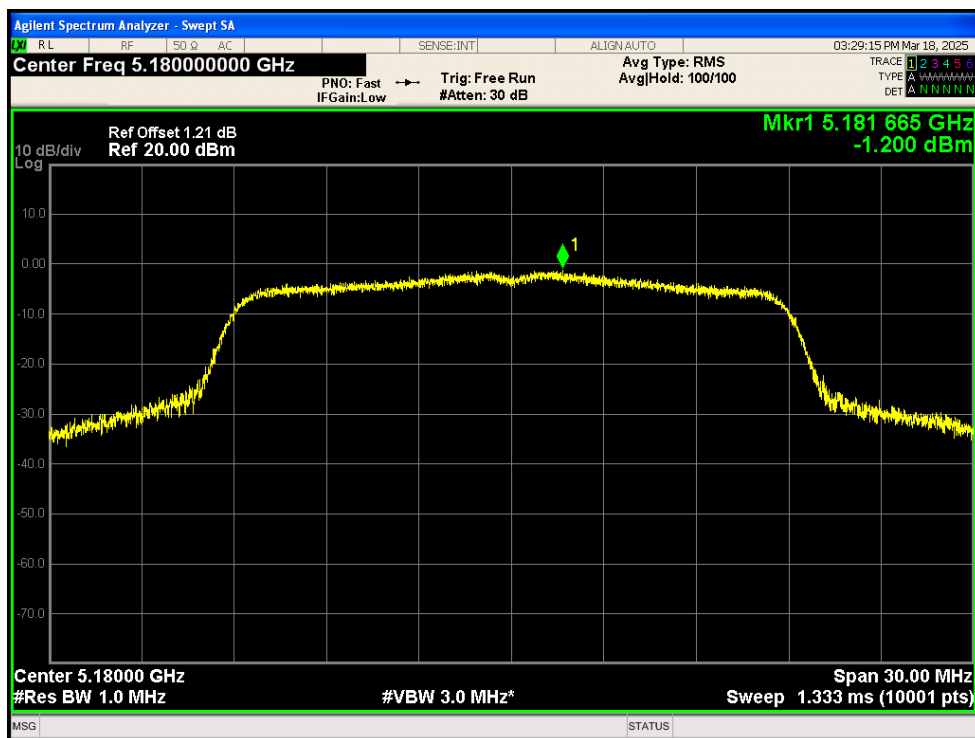
PSD NVNT ac20 5200MHz Ant1



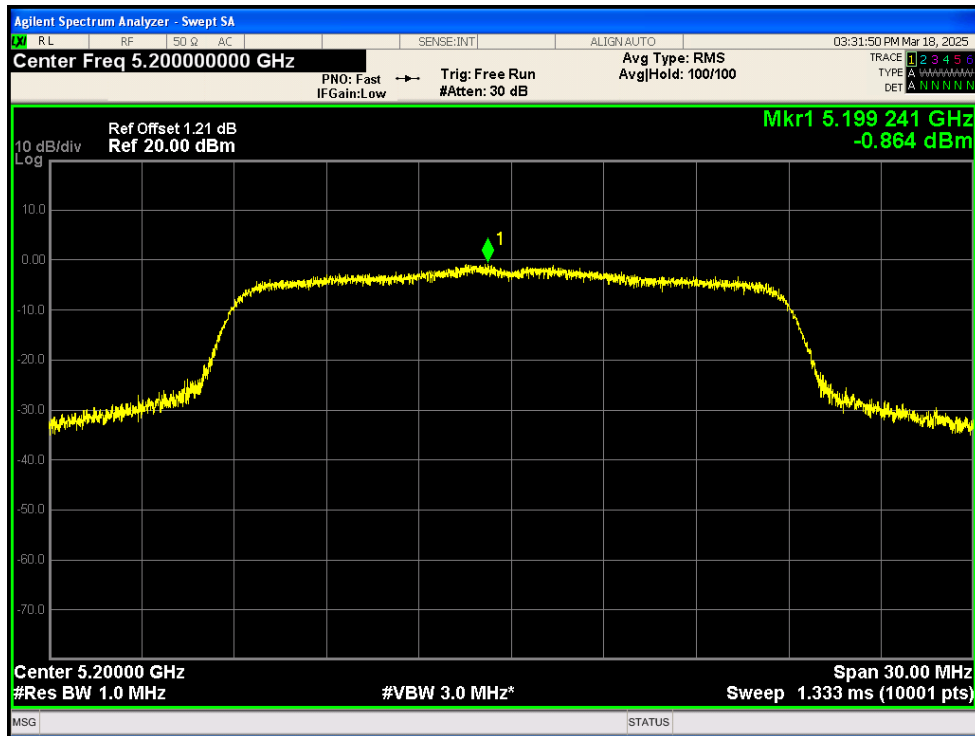
PSD NVNT ac20 5240MHz Ant1



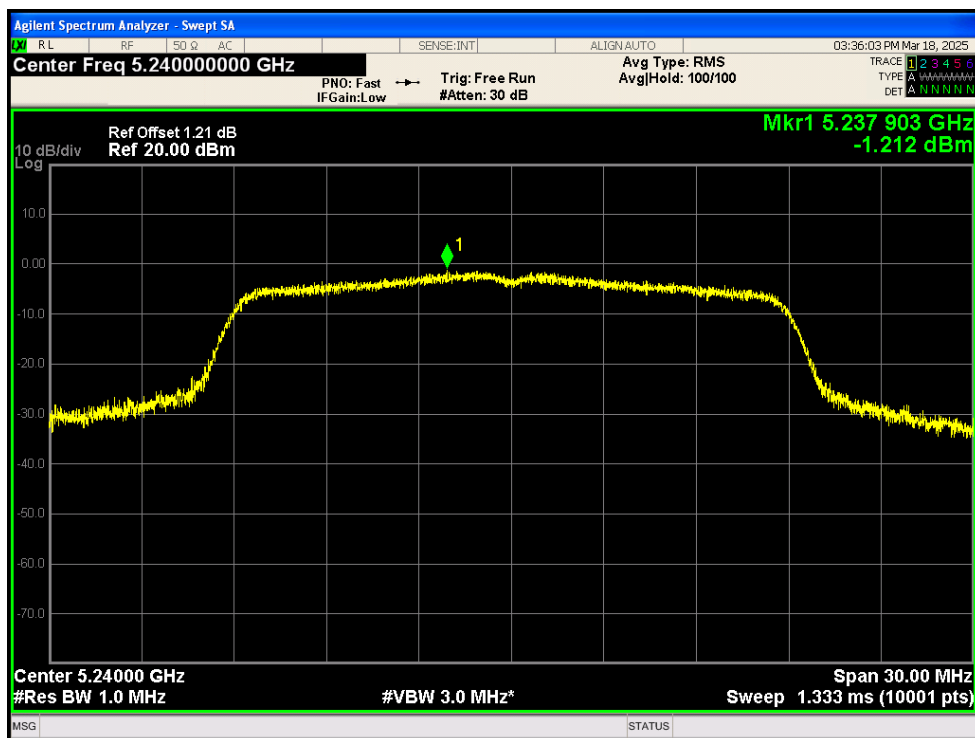
PSD NVNT ac20 5180MHz Ant2



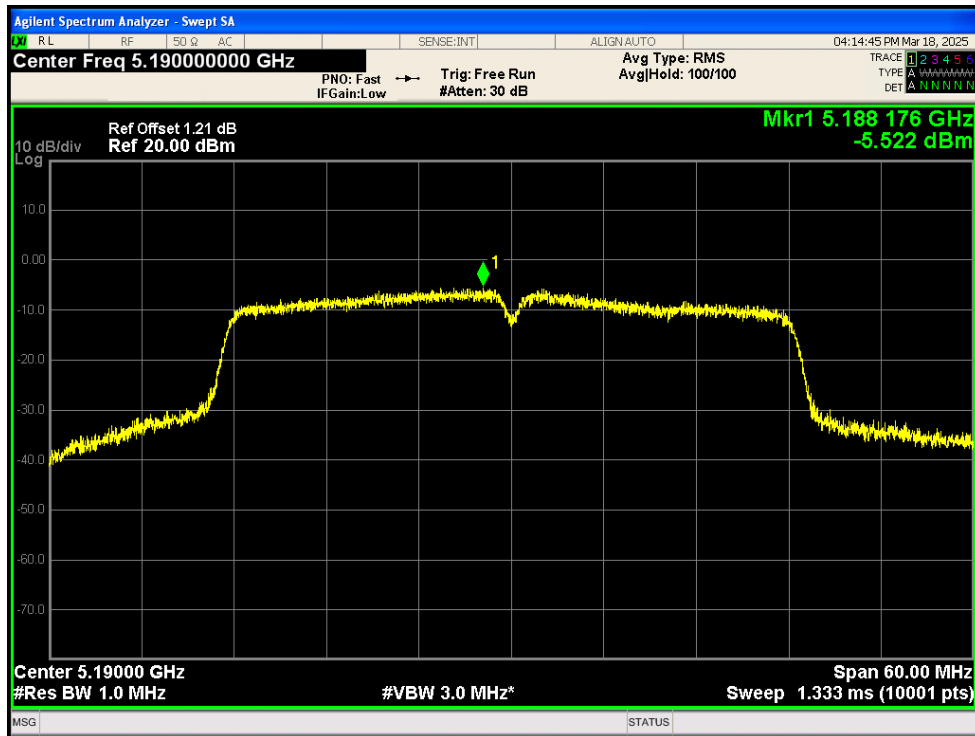
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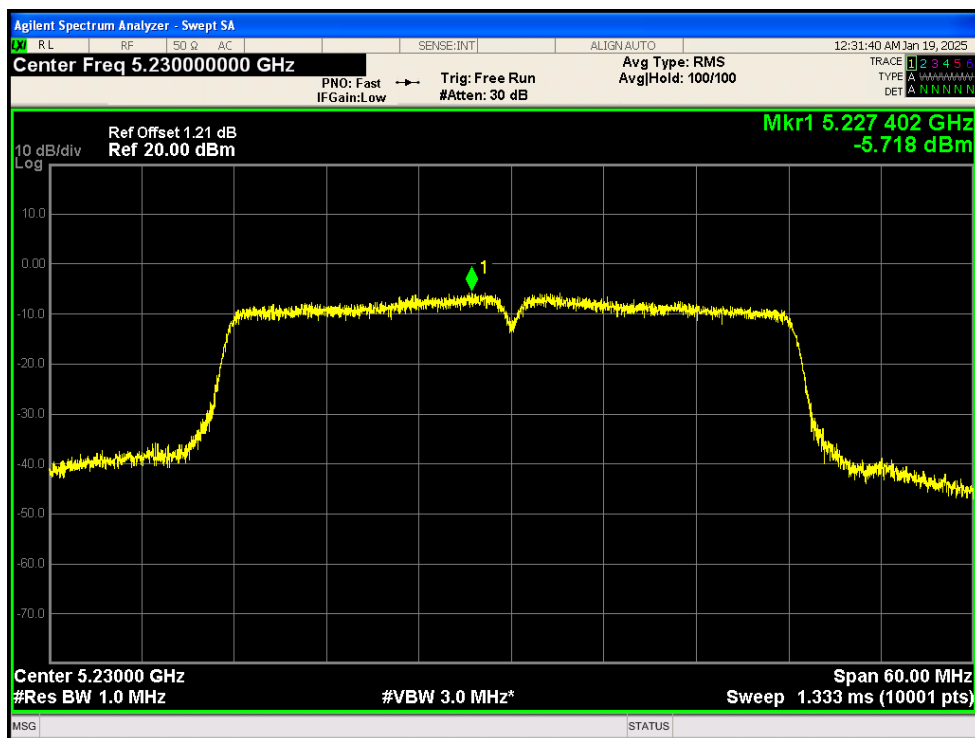
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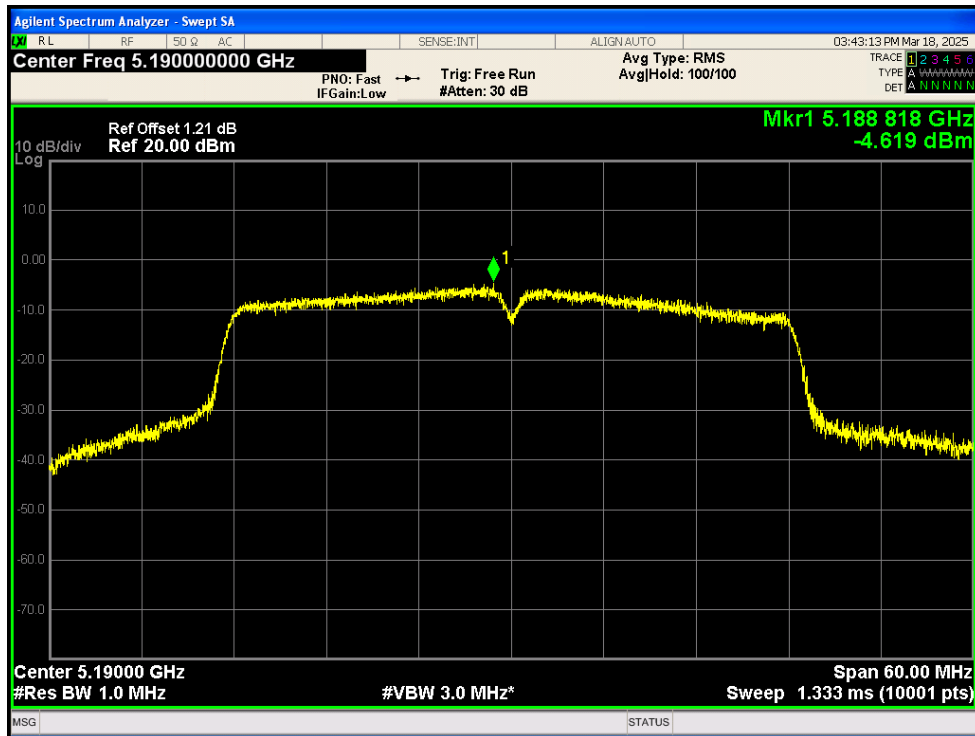
PSD NVNT ac40 5190MHz Ant1



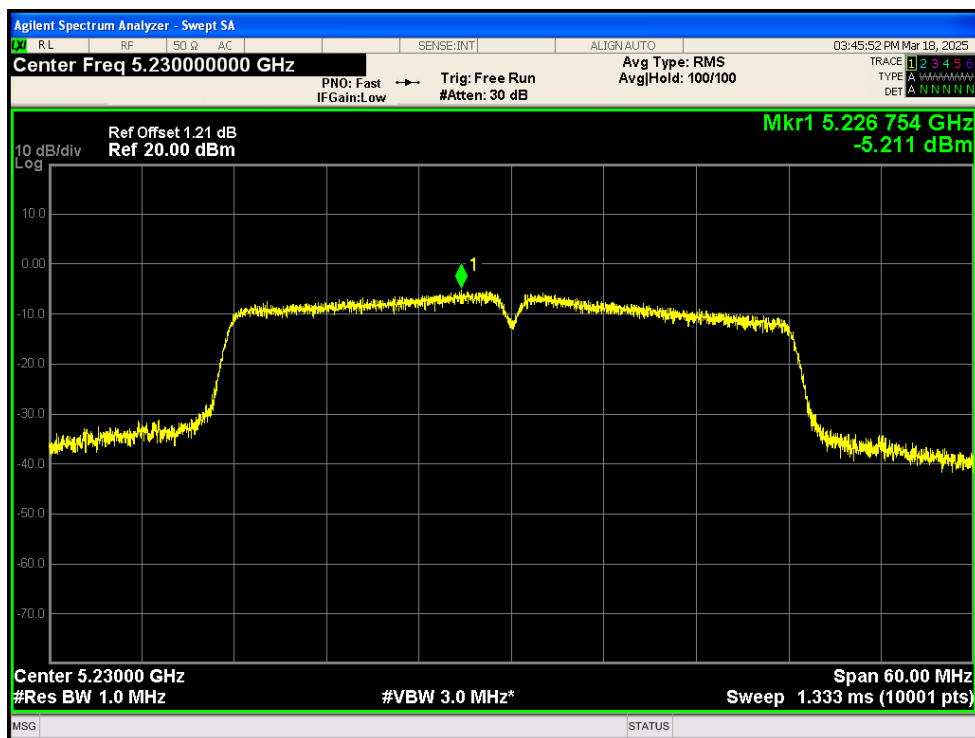
PSD NVNT ac40 5230MHz Ant1



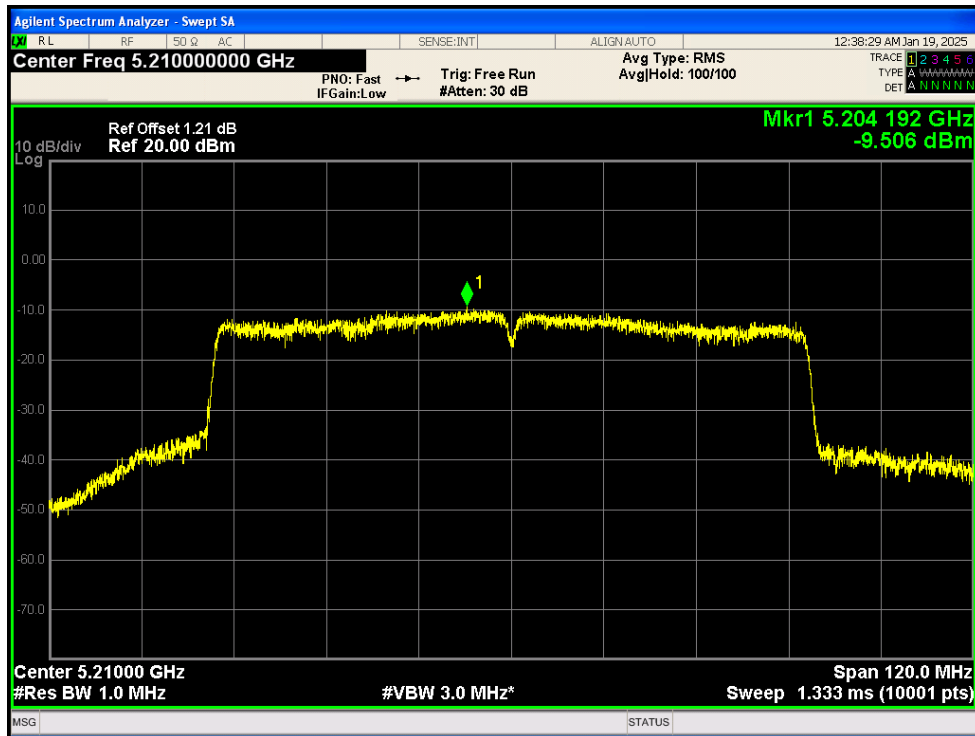
PSD NVNT ac40 5190MHz Ant2



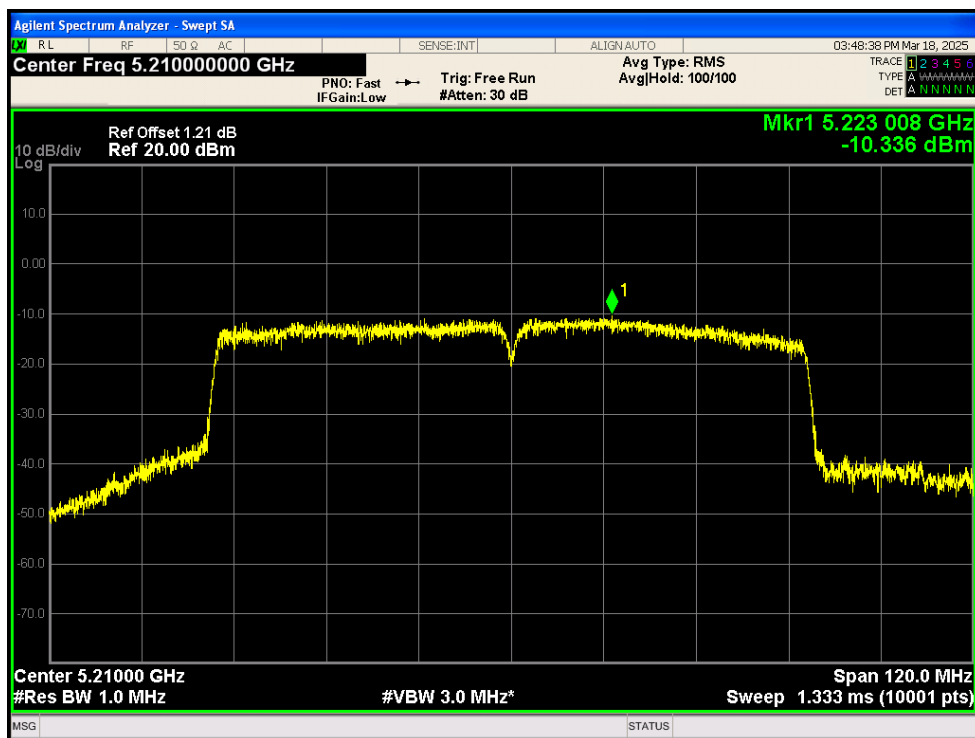
PSD NVNT ac40 5230MHz Ant2



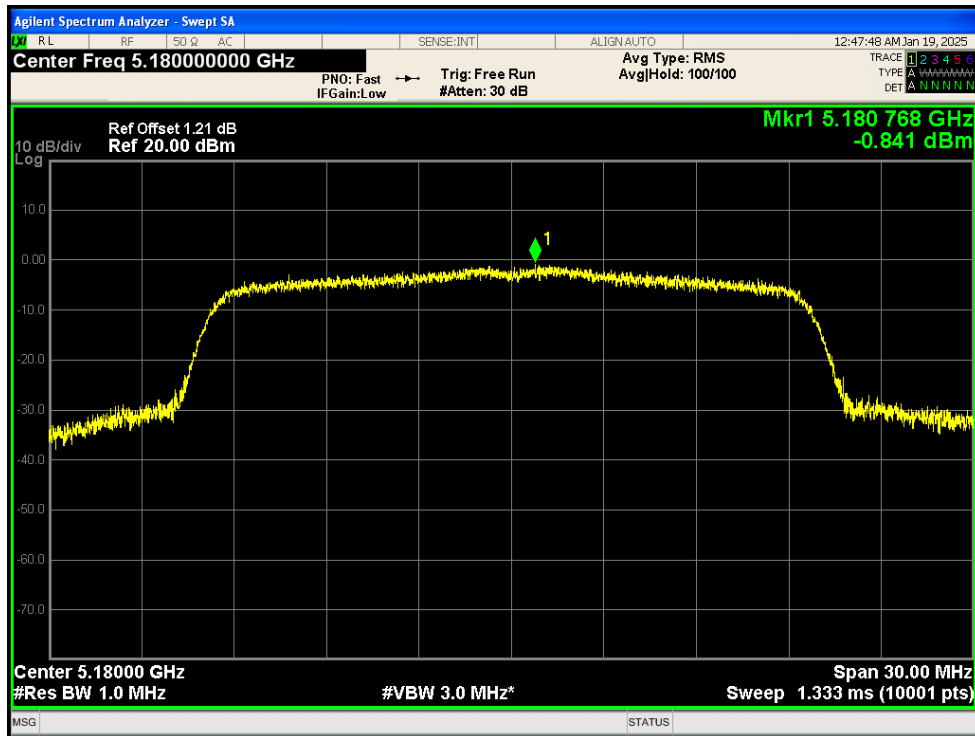
PSD NVNT ac80 5210MHz Ant1



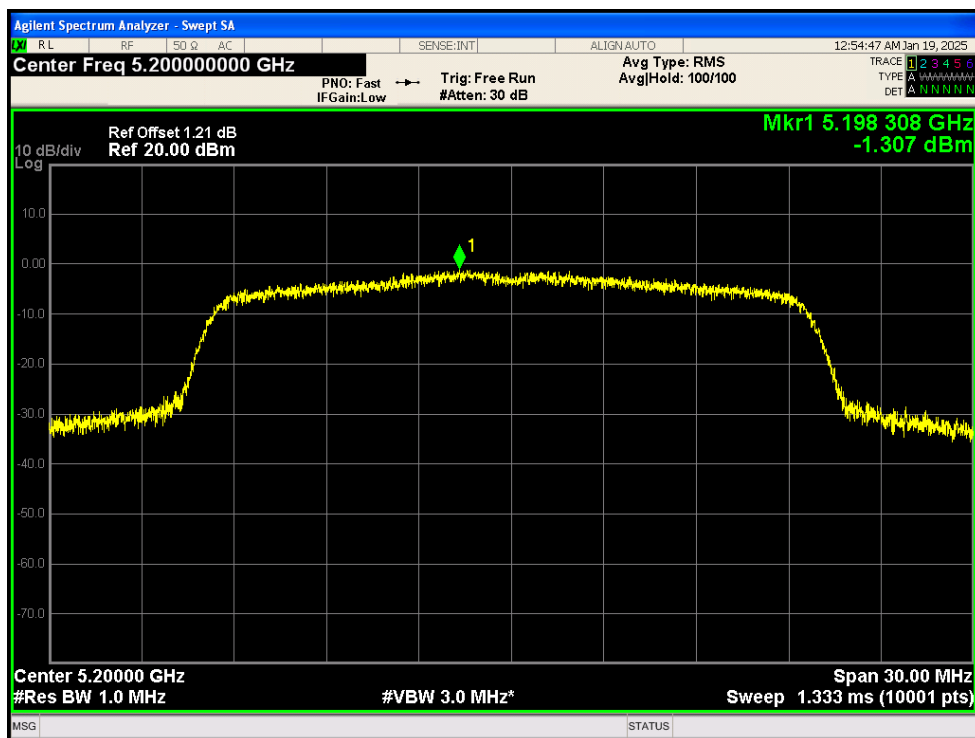
PSD NVNT ac80 5210MHz Ant2



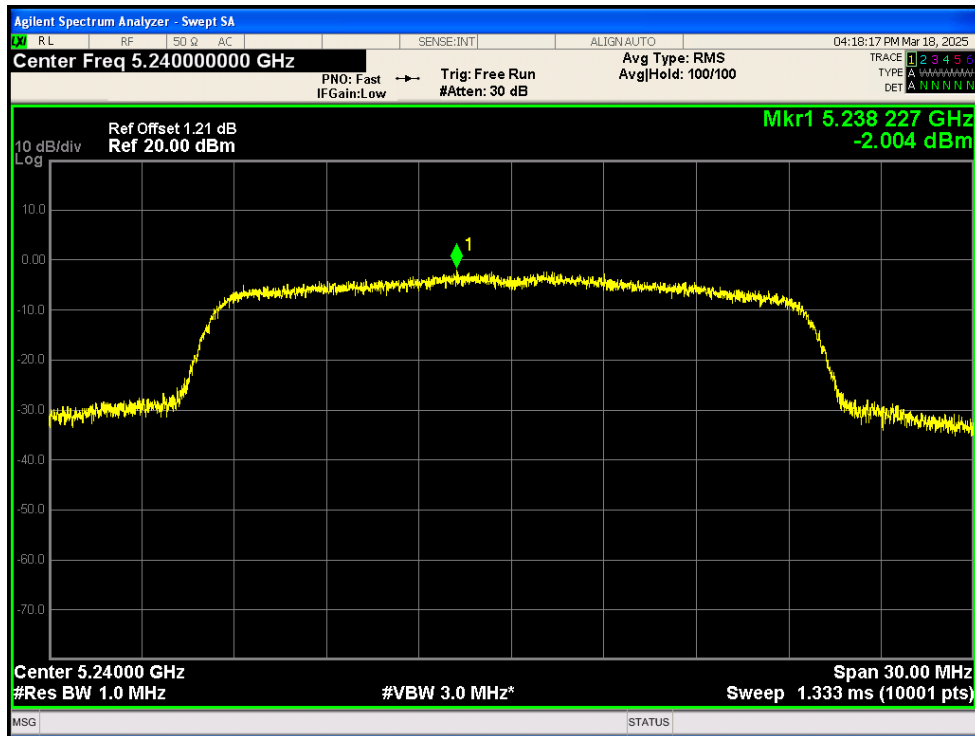
PSD NVNT ax20 5180MHz Ant1



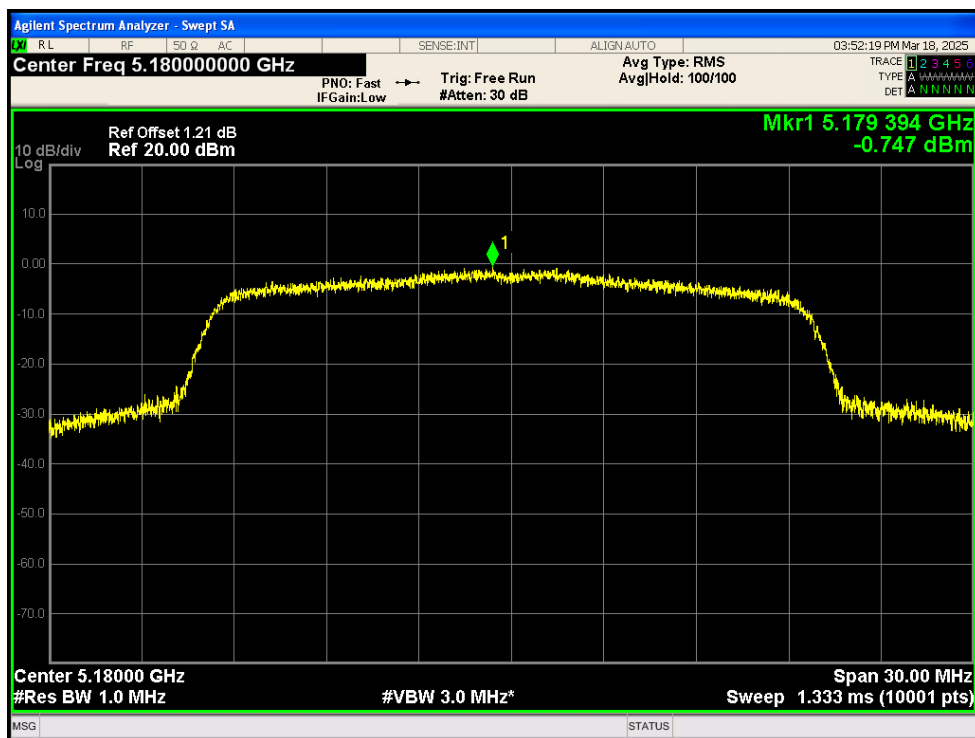
PSD NVNT ax20 5200MHz Ant1



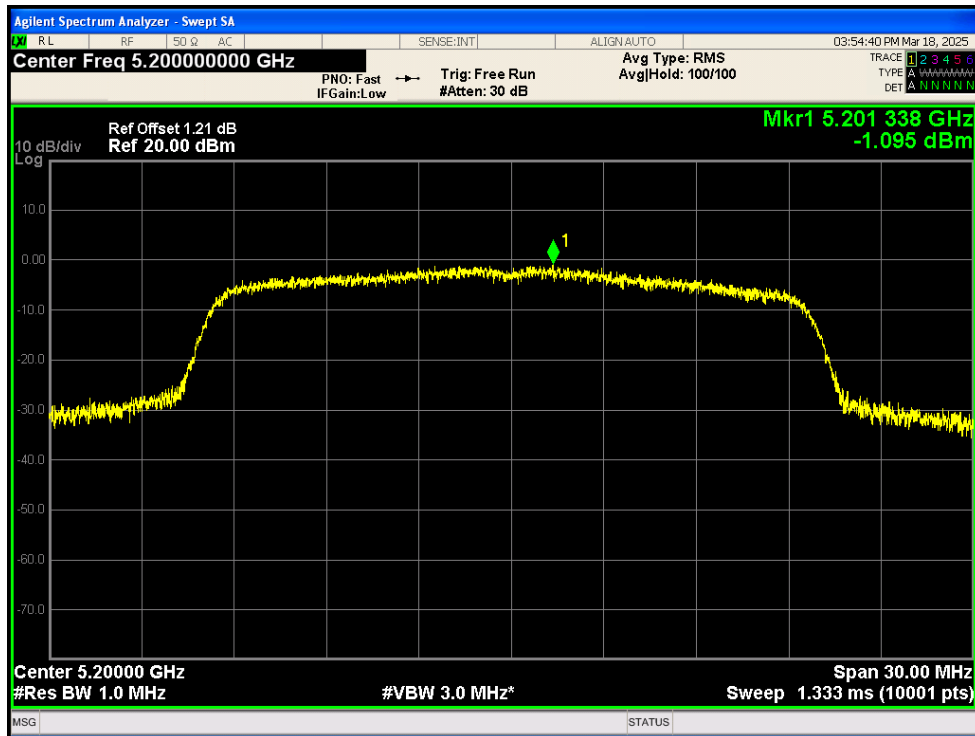
PSD NVNT ax20 5240MHz Ant1



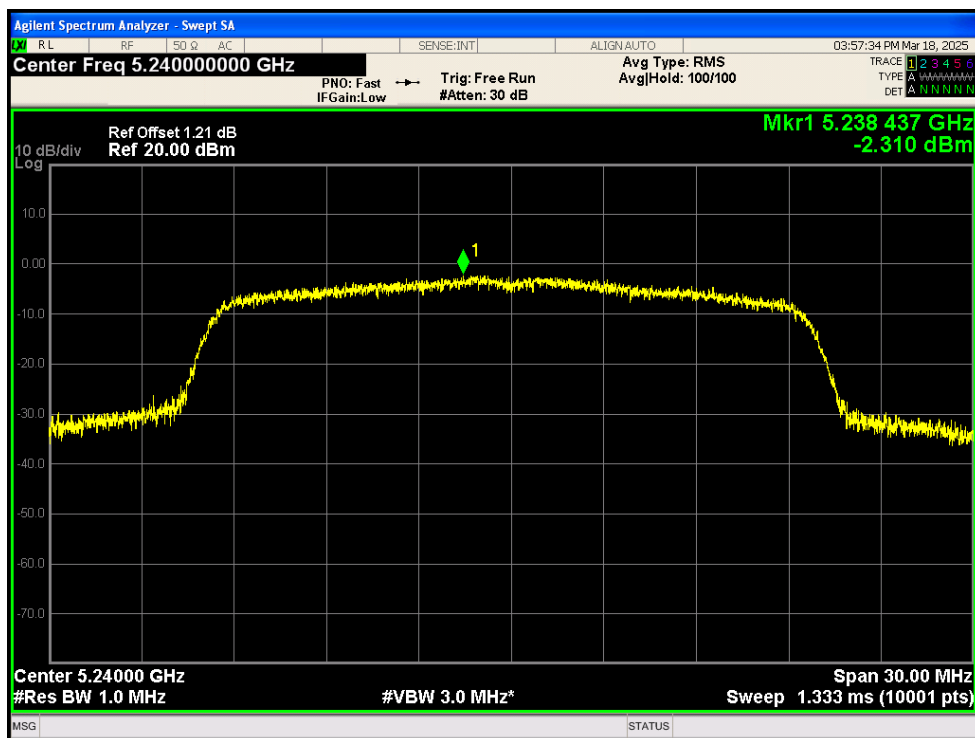
PSD NVNT ax20 5180MHz Ant2



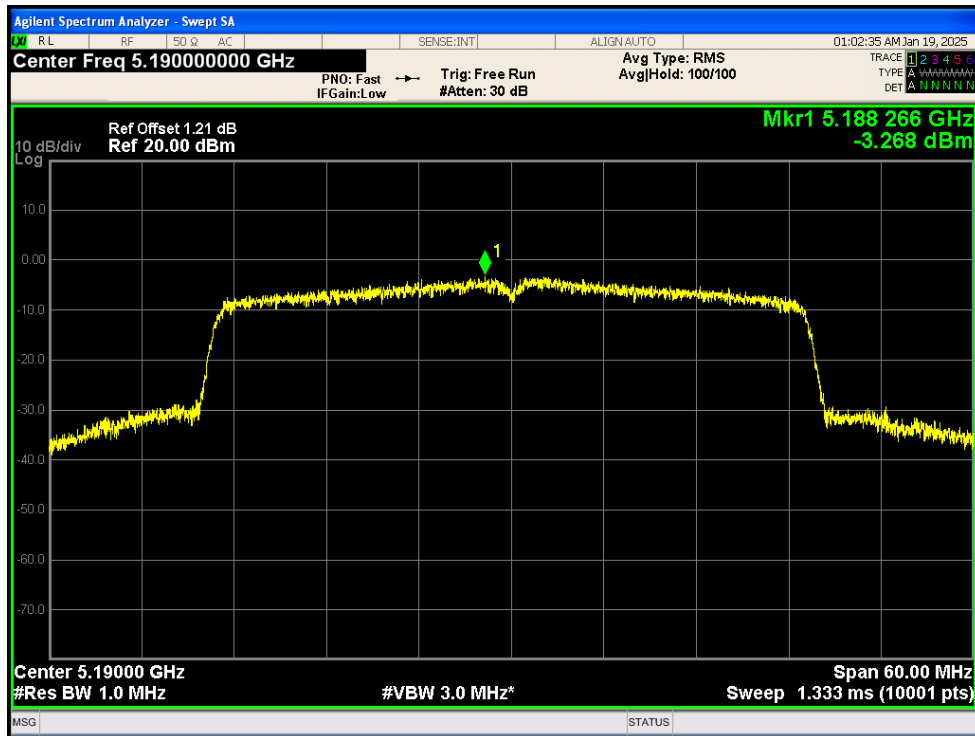
PSD NVNT ax20 5200MHz Ant2



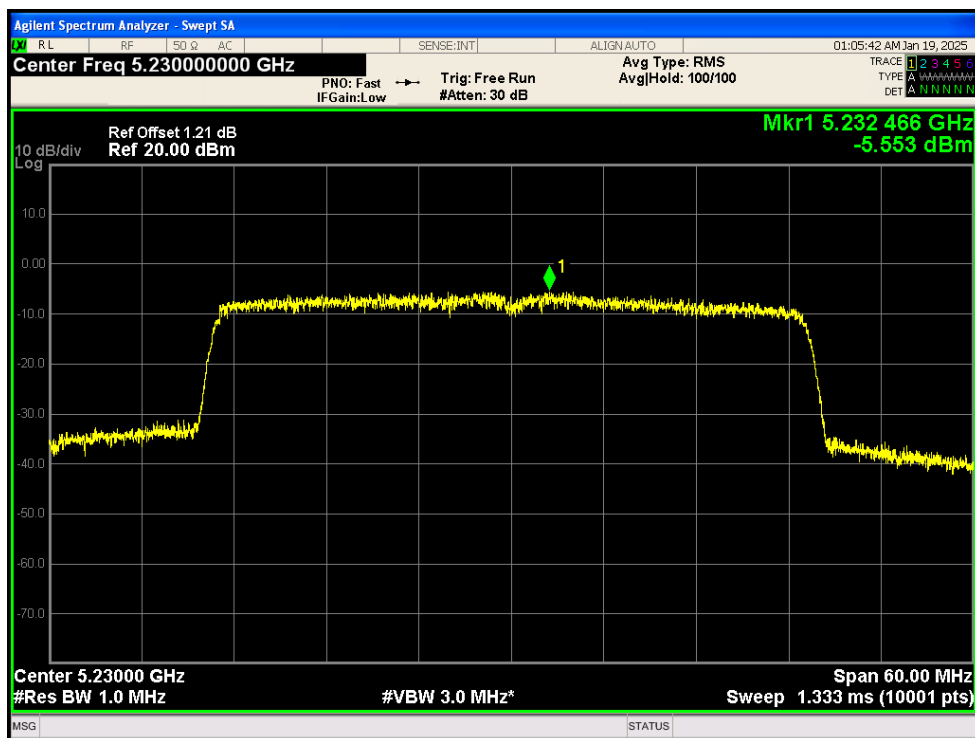
PSD NVNT ax20 5240MHz Ant2



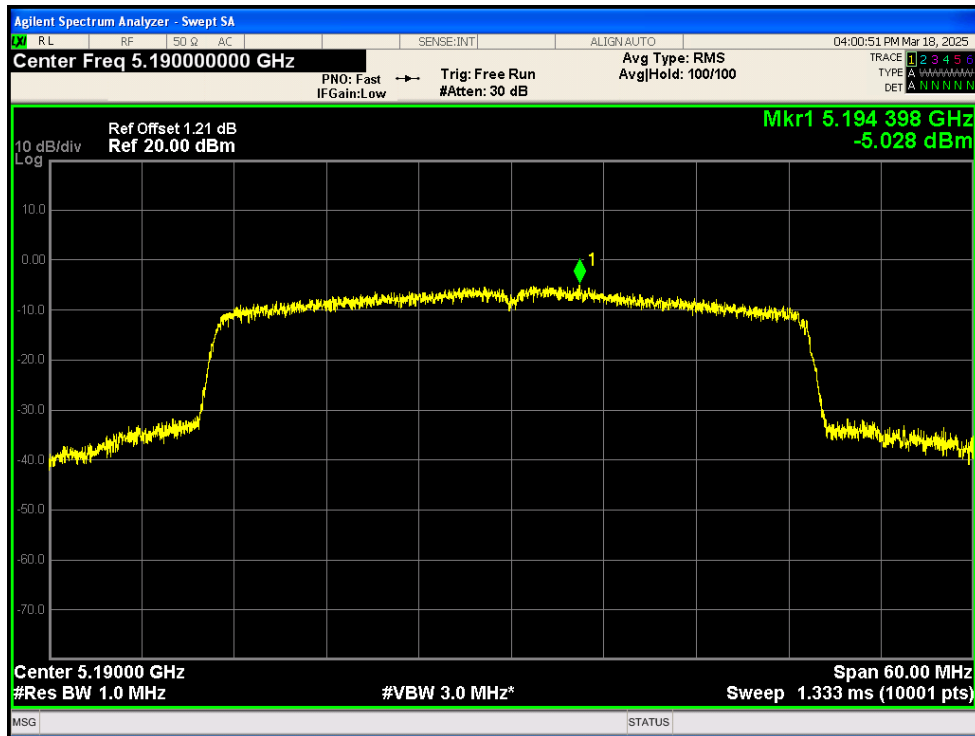
PSD NVNT ax40 5190MHz Ant1



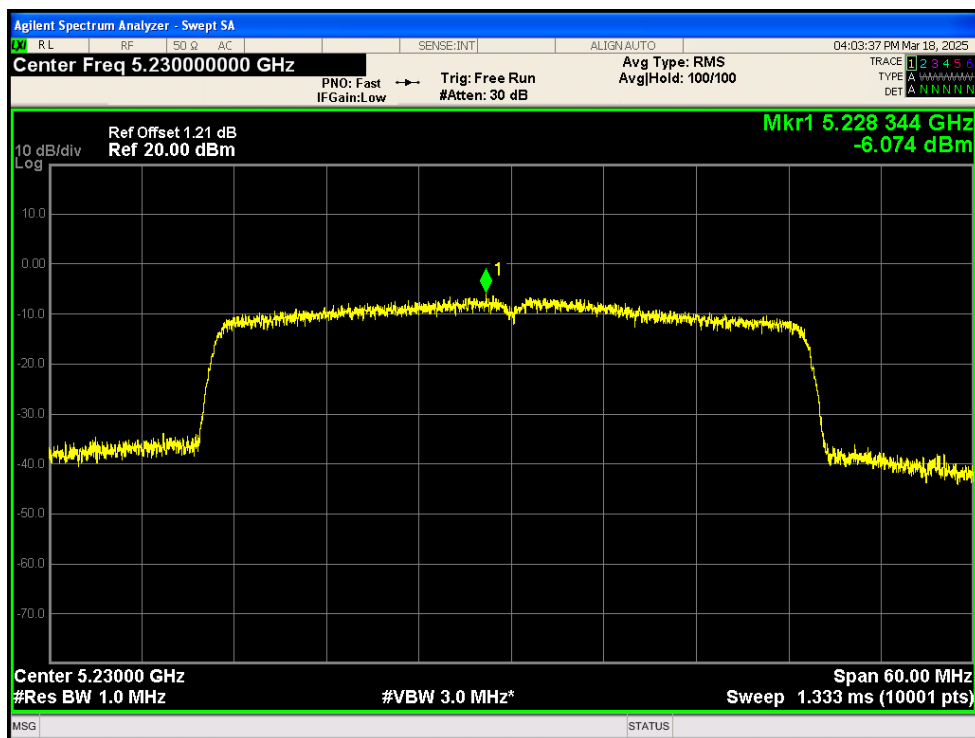
PSD NVNT ax40 5230MHz Ant1



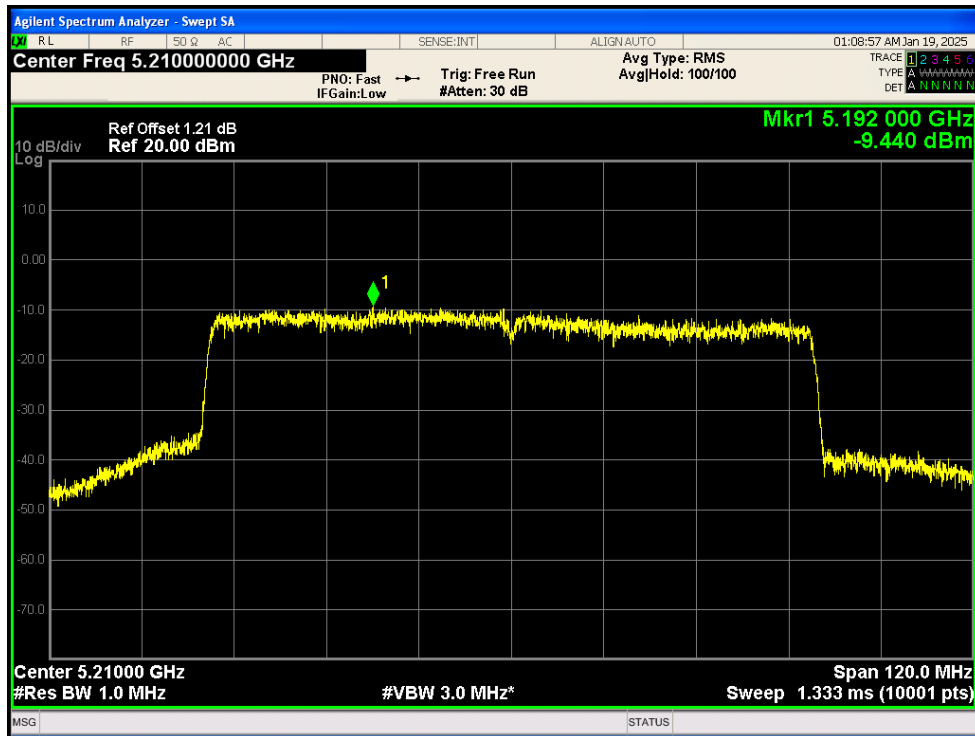
PSD NVNT ax40 5190MHz Ant2



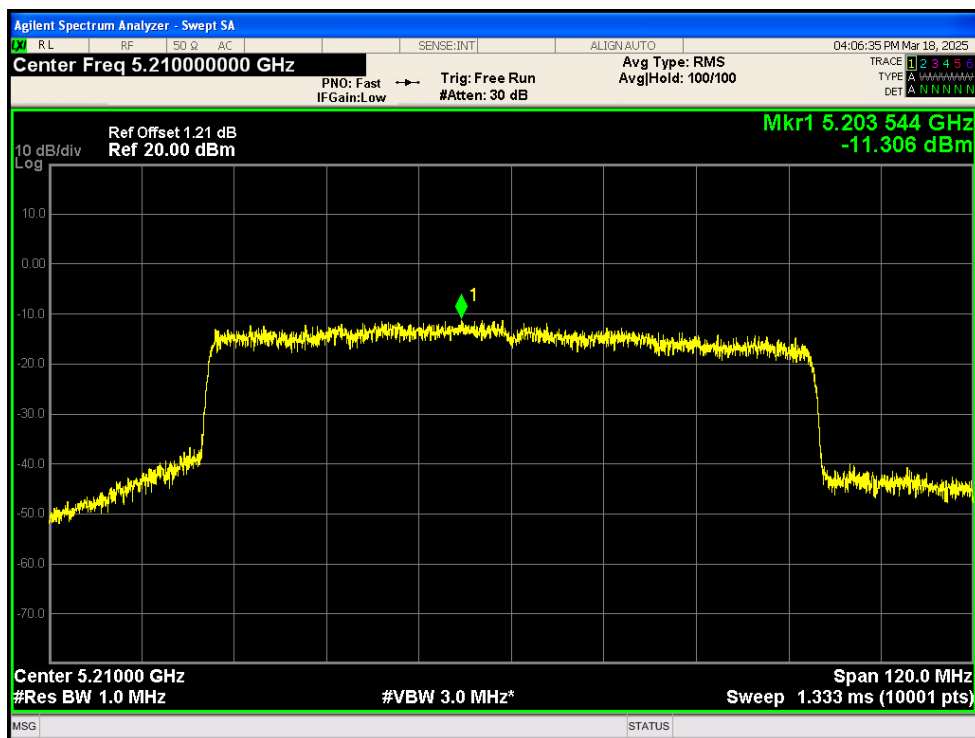
PSD NVNT ax40 5230MHz Ant2



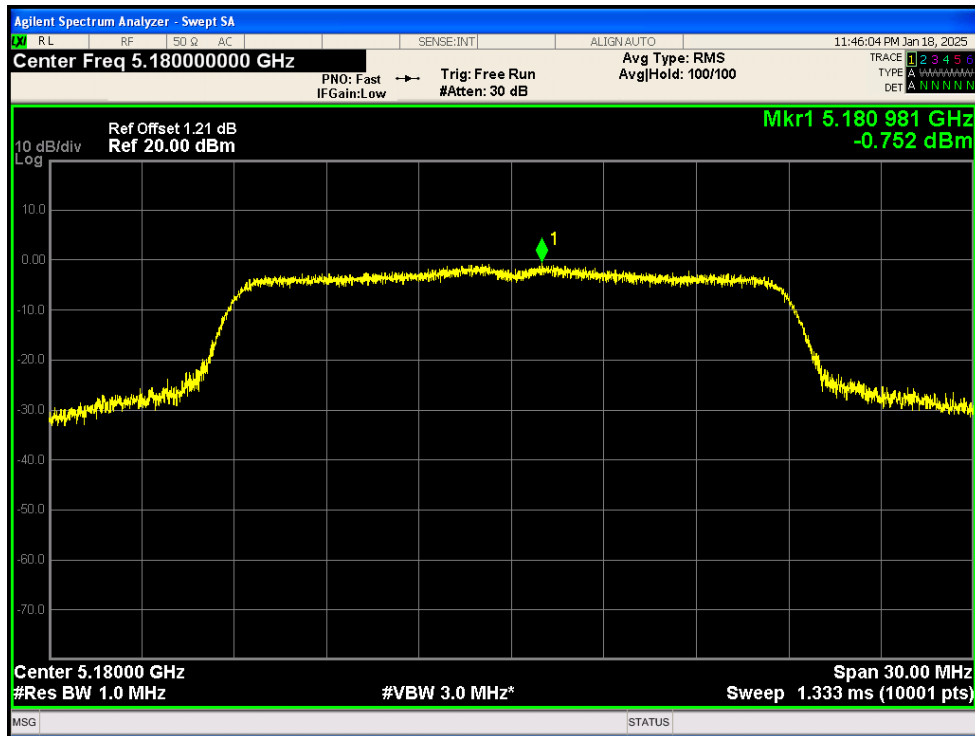
PSD NVNT ax80 5210MHz Ant1



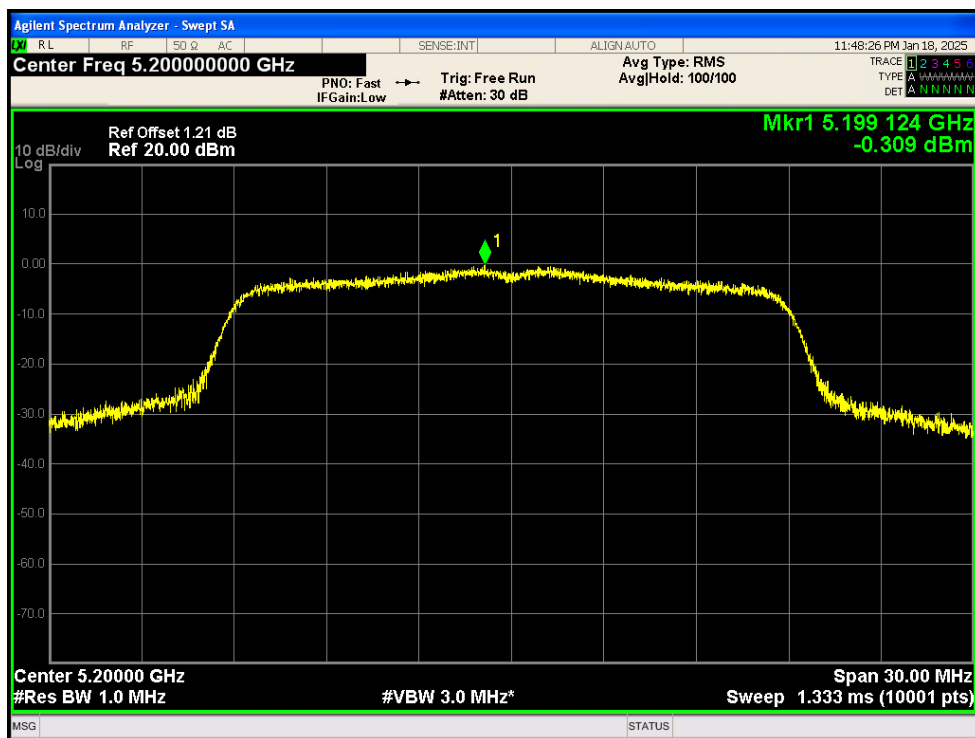
PSD NVNT ax80 5210MHz Ant2



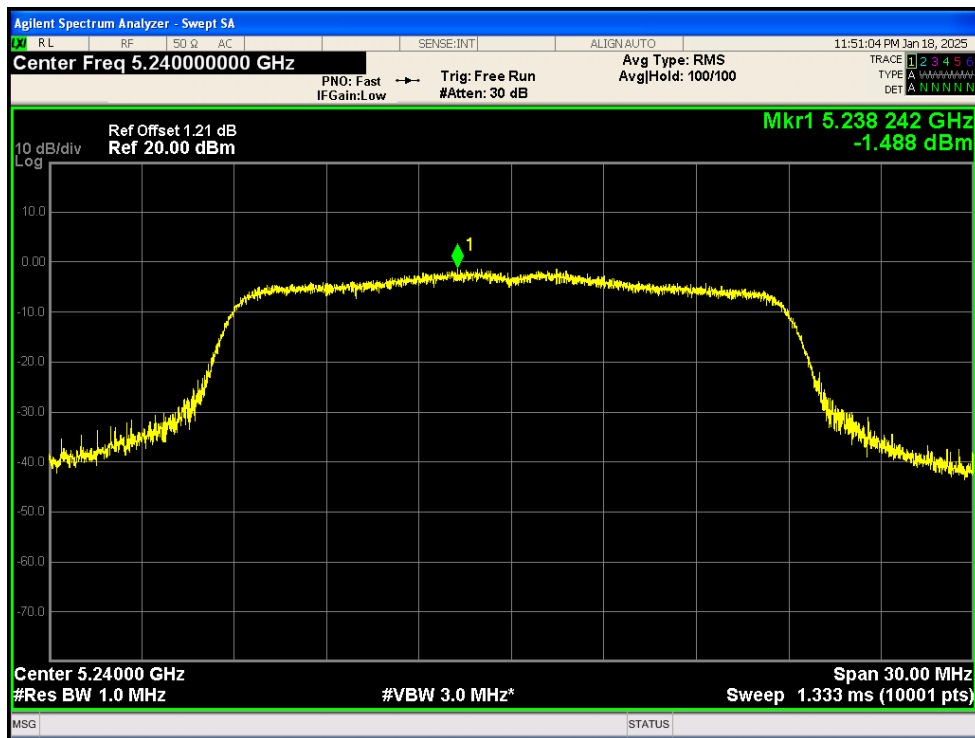
PSD NVNT n20 5180MHz Ant1



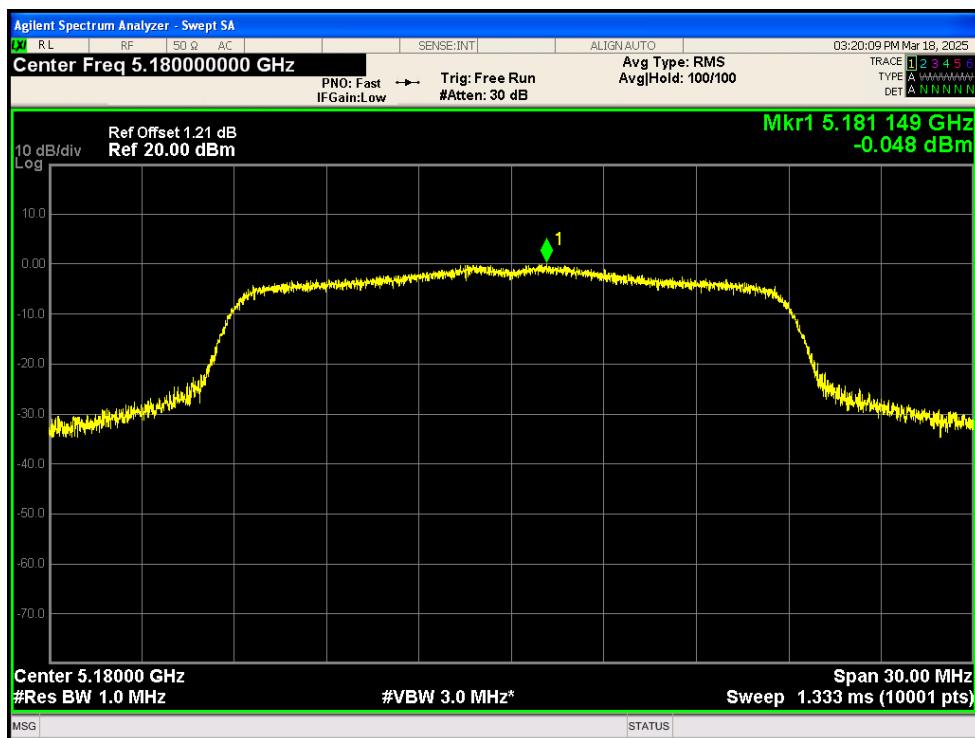
PSD NVNT n20 5200MHz Ant1



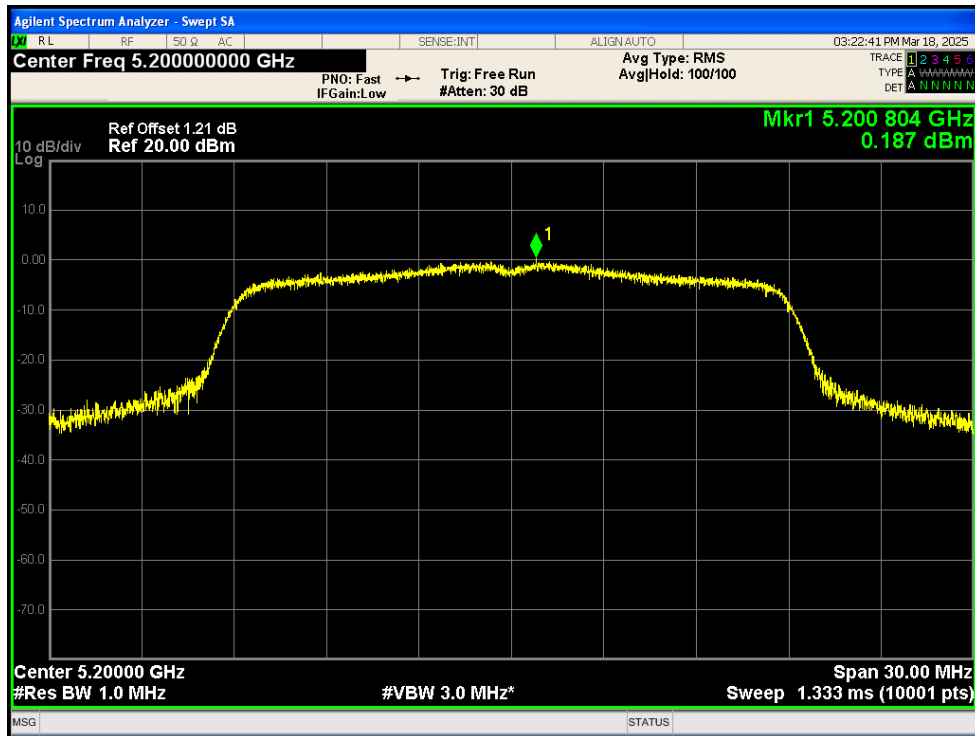
PSD NVNT n20 5240MHz Ant1



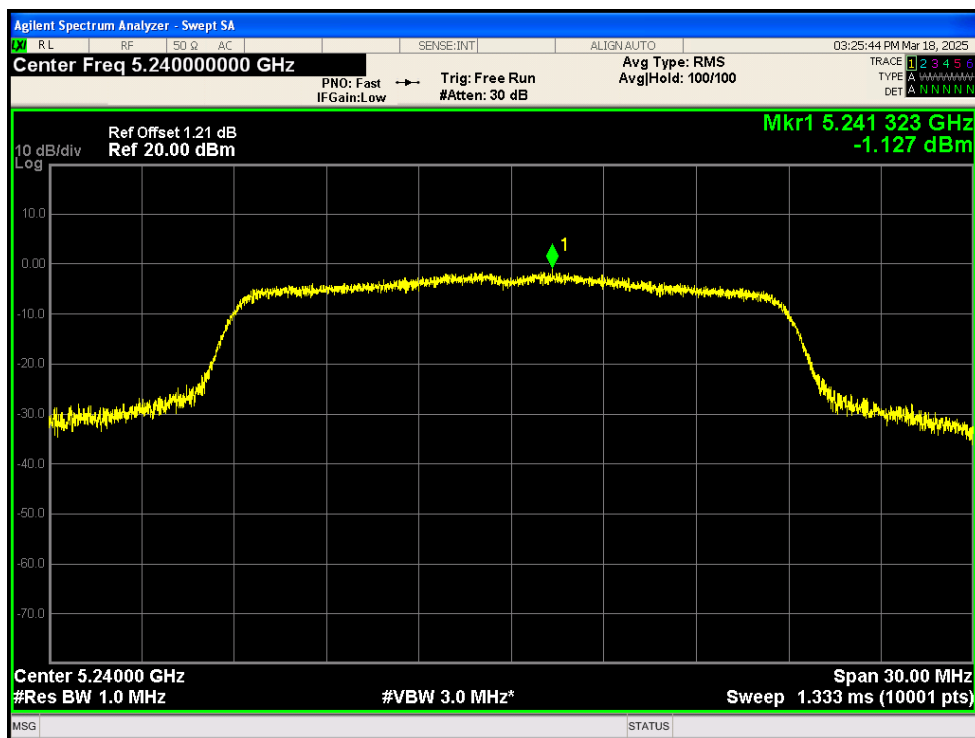
PSD NVNT n20 5180MHz Ant2



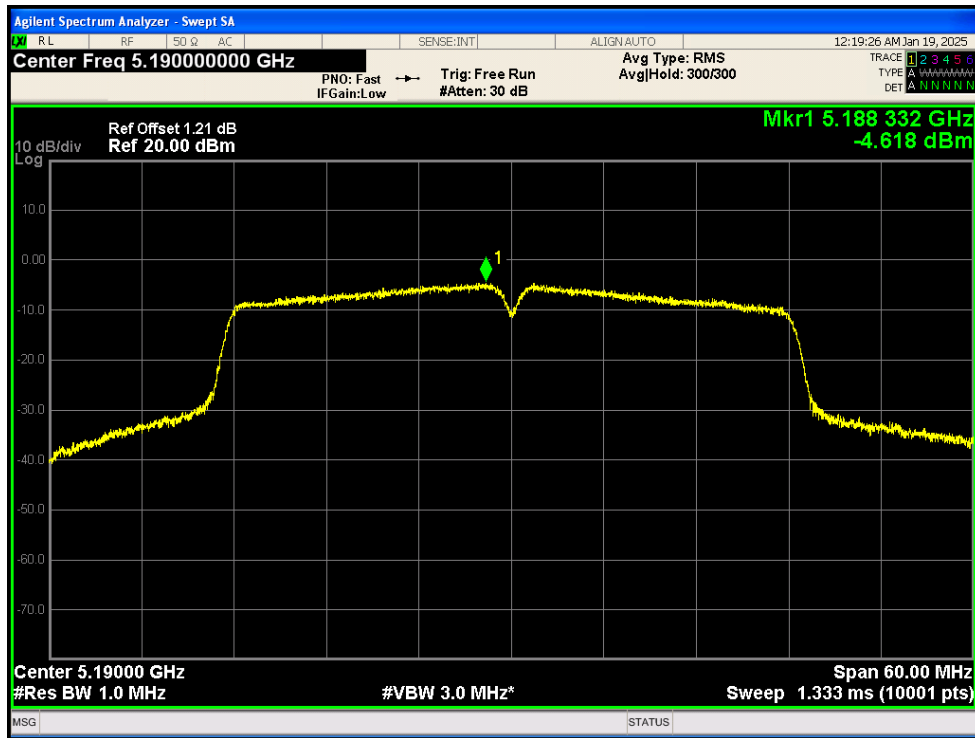
PSD NVNT n20 5200MHz Ant2



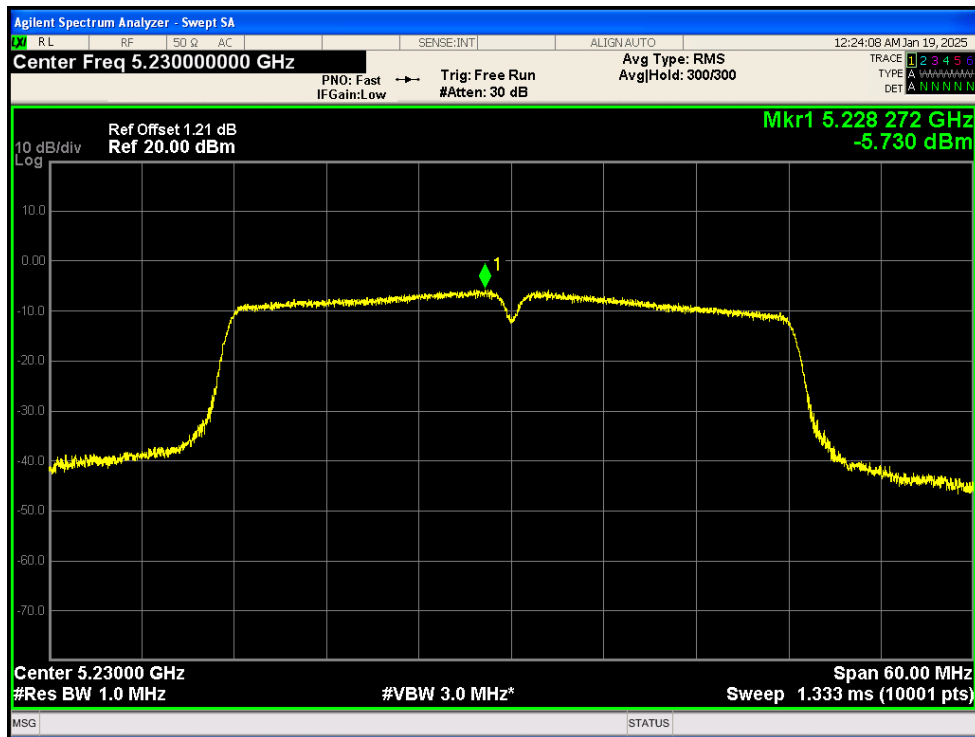
PSD NVNT n20 5240MHz Ant2



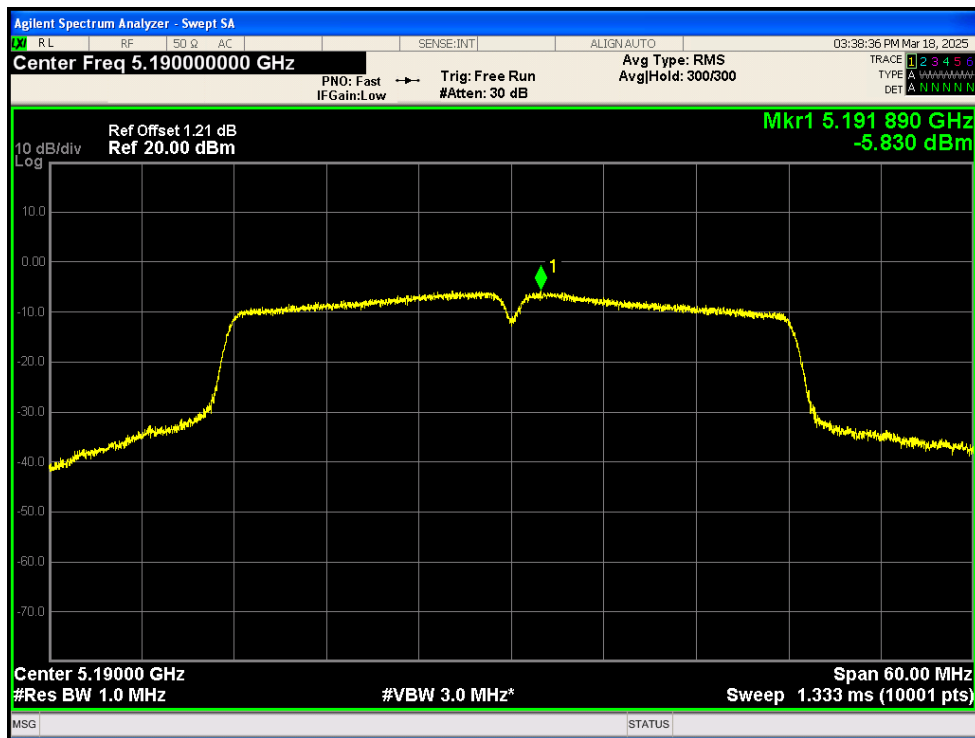
PSD NVNT n40 5190MHz Ant1



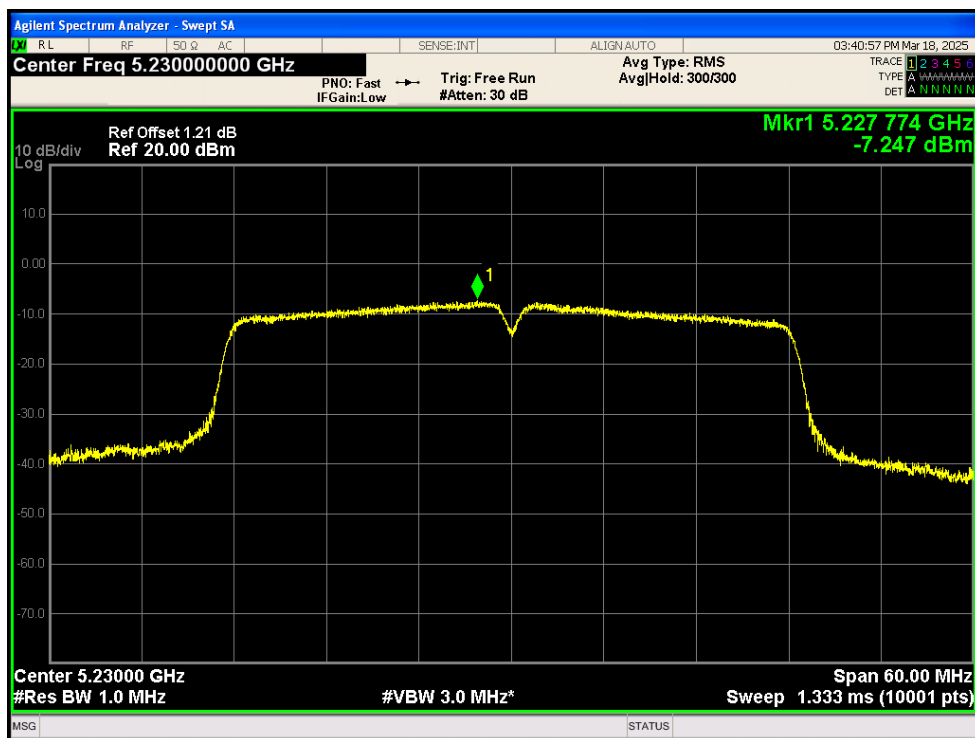
PSD NVNT n40 5230MHz Ant1



PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant2

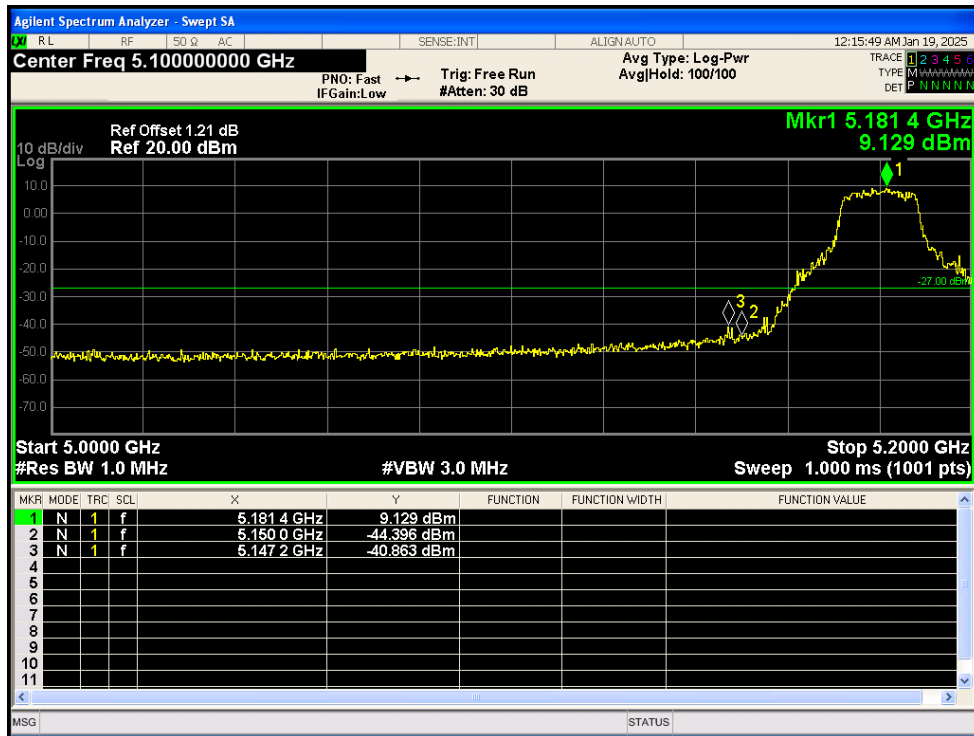


Band Edge

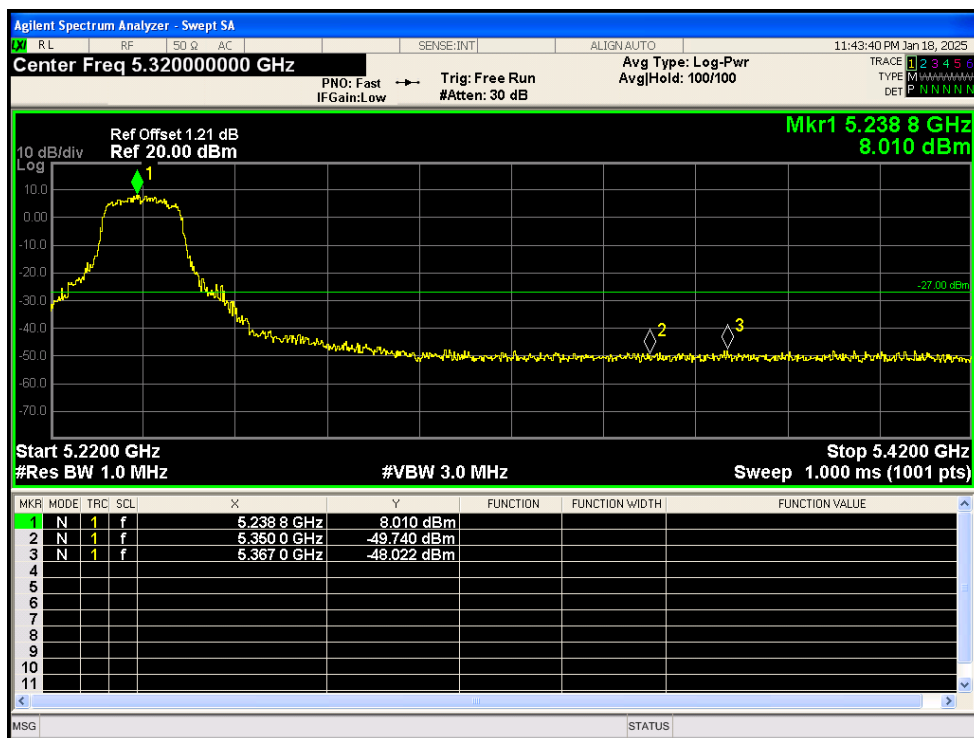
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-40.86	-27	Pass
NVNT	a	5240	Ant1	-48.02	-27	Pass
NVNT	a	5180	Ant2	-47.04	-27	Pass
NVNT	a	5240	Ant2	-47.78	-27	Pass
NVNT	ac20	5180	Ant1	-43.74	-27	Pass

NVNT	ac20	5240	Ant1	-48.18	-27	Pass
NVNT	ac20	5180	Ant2	-45.66	-27	Pass
NVNT	ac20	5240	Ant2	-47.95	-27	Pass
NVNT	ac40	5190	Ant1	-37.25	-27	Pass
NVNT	ac40	5230	Ant1	-49.31	-27	Pass
NVNT	ac40	5190	Ant2	-38.34	-27	Pass
NVNT	ac40	5230	Ant2	-48.56	-27	Pass
NVNT	ac80	5210	Ant1	-48.47	-27	Pass
NVNT	ac80	5210	Ant2	-48.9	-27	Pass
NVNT	ax20	5180	Ant1	-44.67	-27	Pass
NVNT	ax20	5240	Ant1	-48.19	-27	Pass
NVNT	ax20	5180	Ant2	-42	-27	Pass
NVNT	ax20	5240	Ant2	-47.52	-27	Pass
NVNT	ax40	5190	Ant1	-30.35	-27	Pass
NVNT	ax40	5230	Ant1	-48.69	-27	Pass
NVNT	ax40	5190	Ant2	-37.88	-27	Pass
NVNT	ax40	5230	Ant2	-48.52	-27	Pass
NVNT	ax80	5210	Ant1	-47.35	-27	Pass
NVNT	ax80	5210	Ant2	-47.98	-27	Pass
NVNT	n20	5180	Ant1	-40.9	-27	Pass
NVNT	n20	5240	Ant1	-47.78	-27	Pass
NVNT	n20	5180	Ant2	-45.07	-27	Pass
NVNT	n20	5240	Ant2	-48.34	-27	Pass
NVNT	n40	5190	Ant1	-35.88	-27	Pass
NVNT	n40	5230	Ant1	-48.68	-27	Pass
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NVNT	n40	5230	Ant2	-48.43	-27	Pass

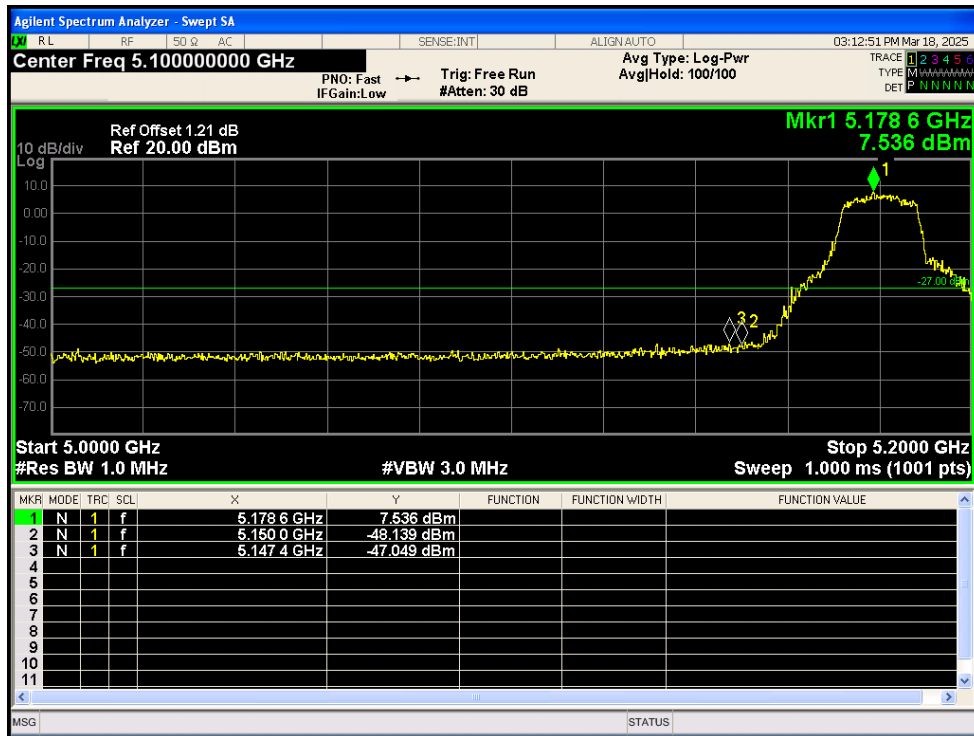
Band Edge NVNT a 5180MHz Low Ant1



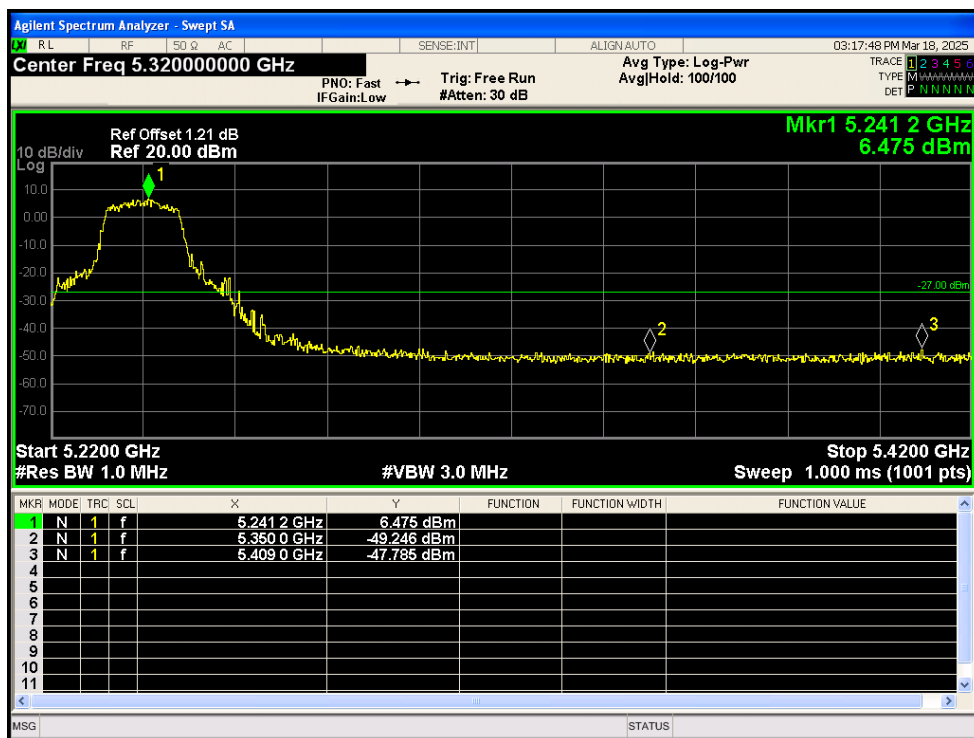
Band Edge NVNT a 5240MHz High Ant1



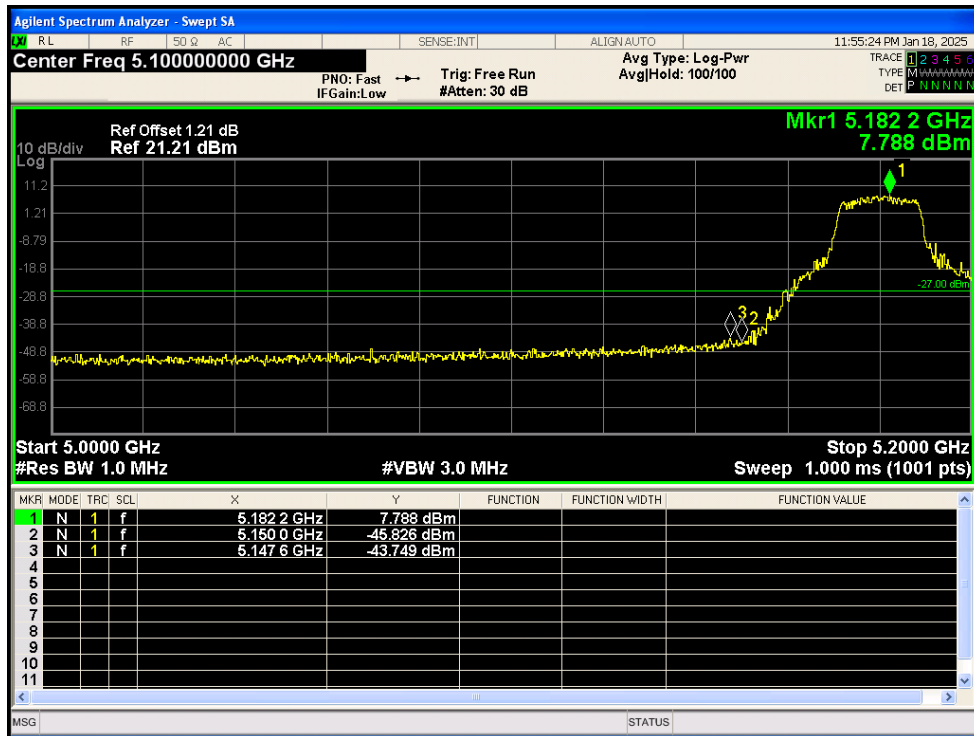
Band Edge NVNT a 5180MHz Low Ant2



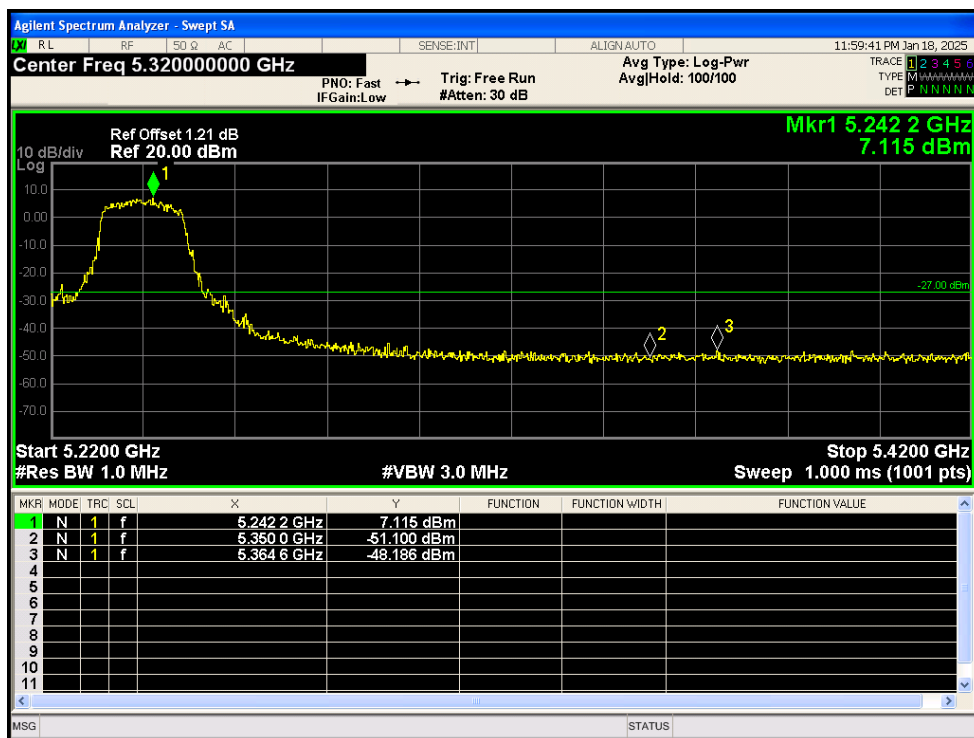
Band Edge NVNT a 5240MHz High Ant2



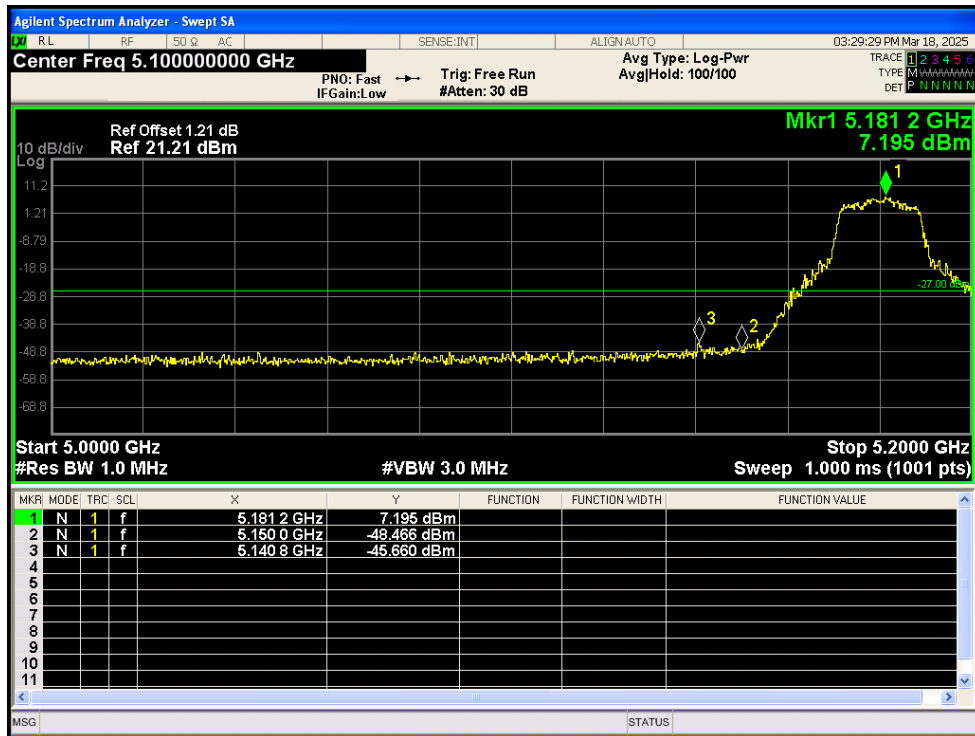
Band Edge NVNT ac20 5180MHz Low Ant1



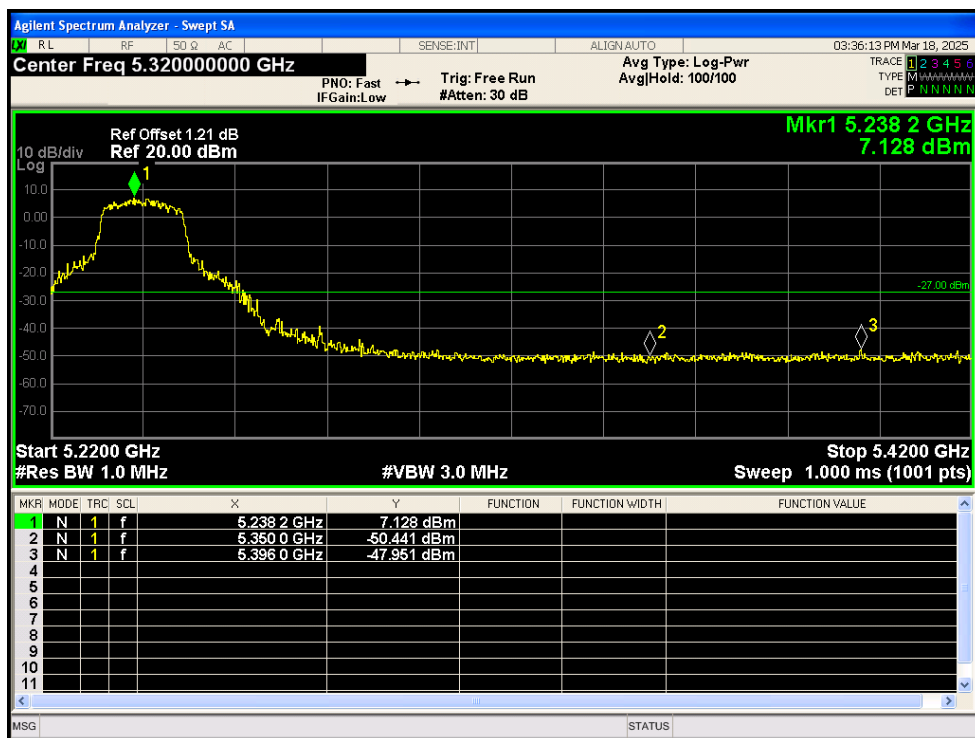
Band Edge NVNT ac20 5240MHz High Ant1



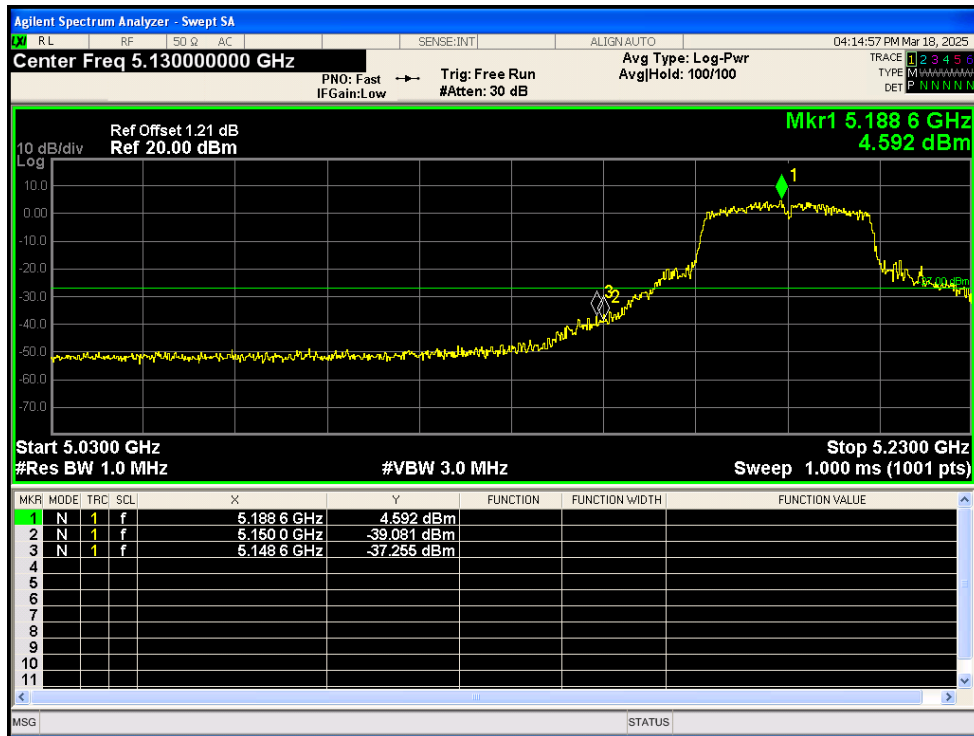
Band Edge NVNT ac20 5180MHz Low Ant2



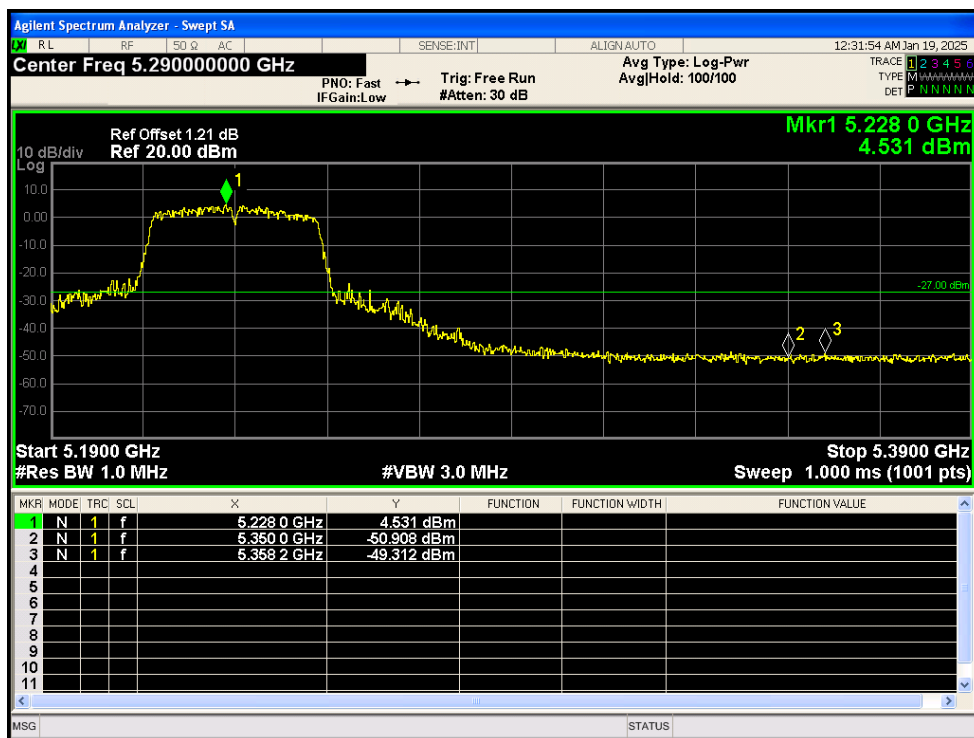
Band Edge NVNT ac20 5240MHz High Ant2



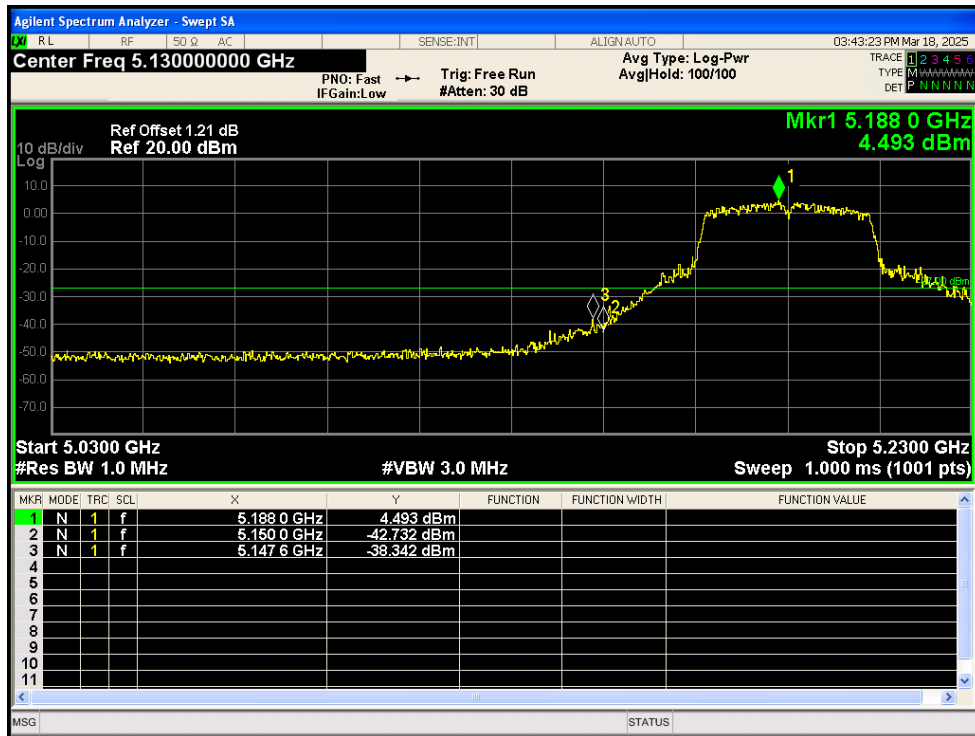
Band Edge NVNT ac40 5190MHz Low Ant1



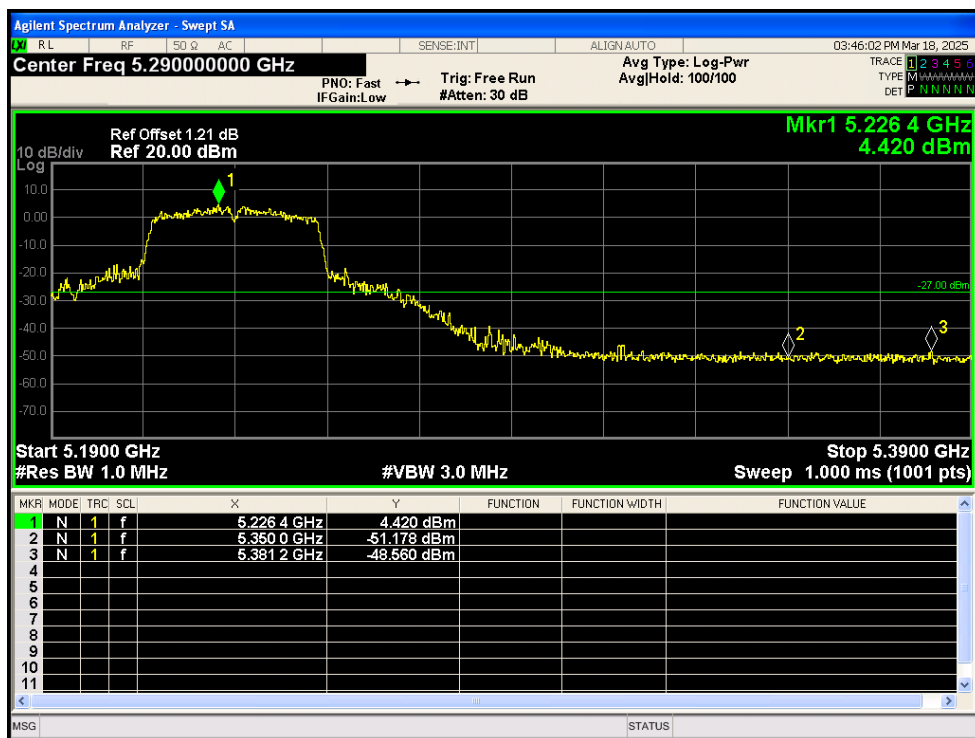
Band Edge NVNT ac40 5230MHz High Ant1



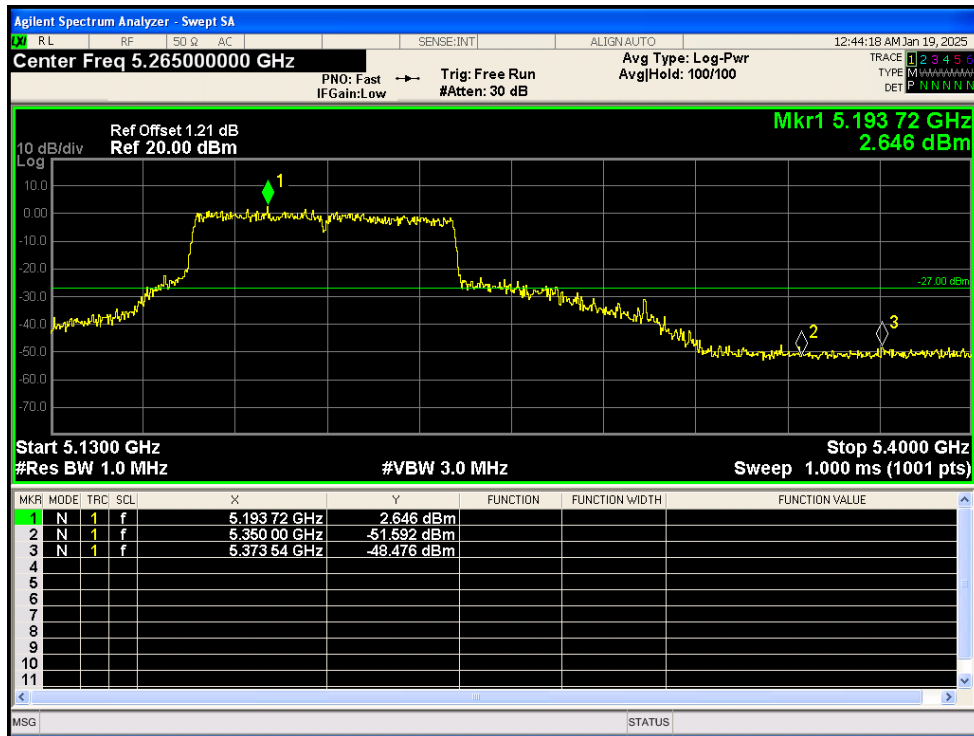
Band Edge NVNT ac40 5190MHz Low Ant2



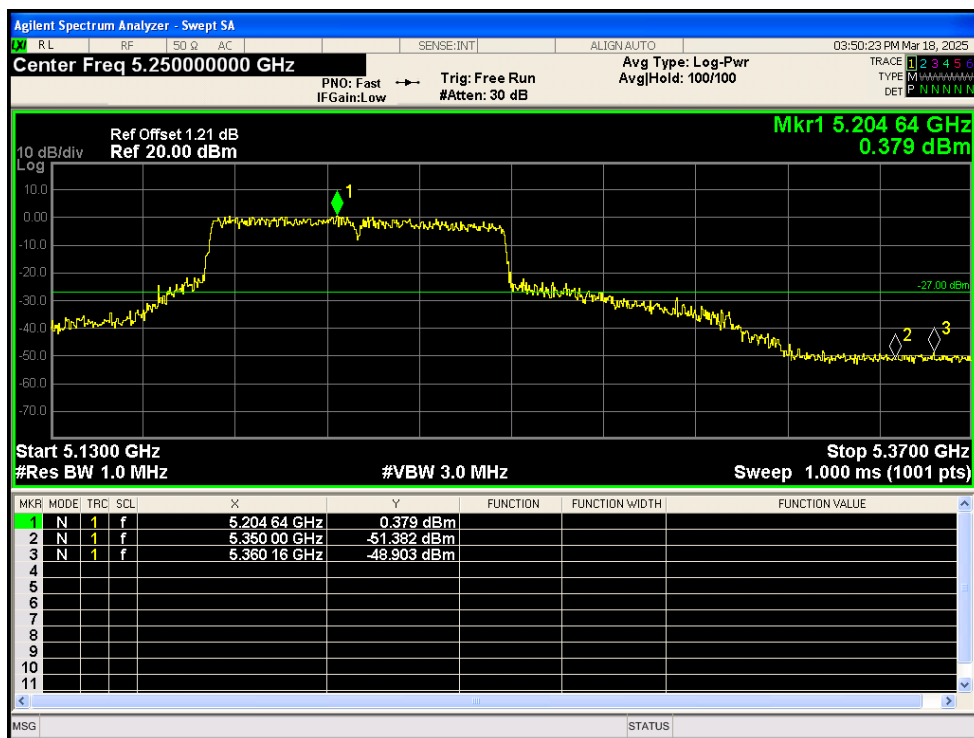
Band Edge NVNT ac40 5230MHz High Ant2



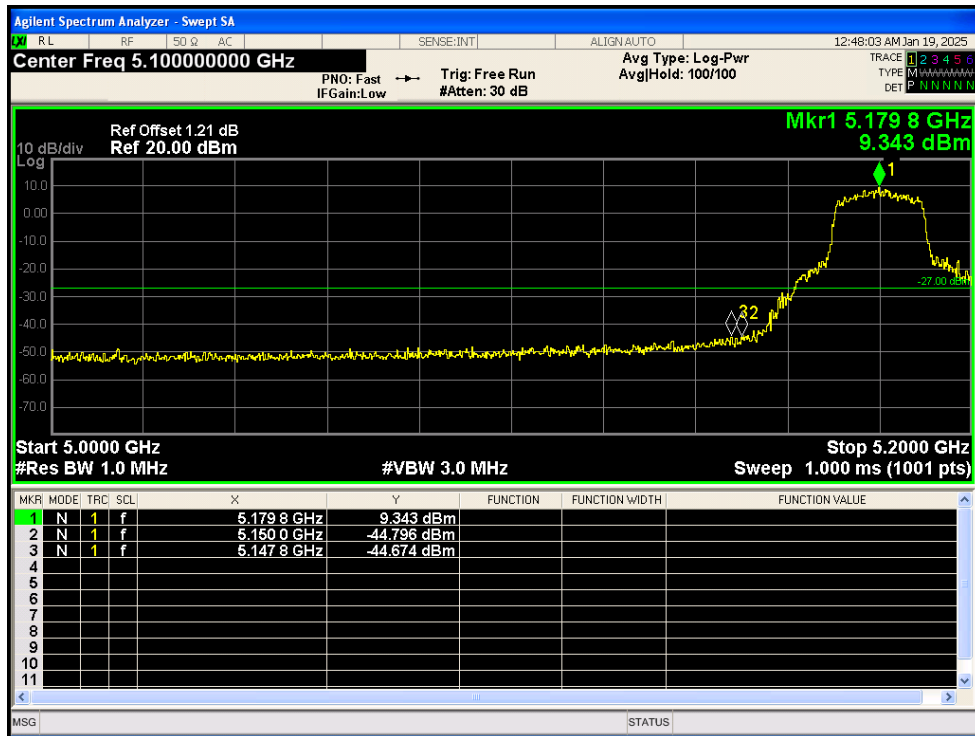
Band Edge NVNT ac80 5210MHz High Ant1



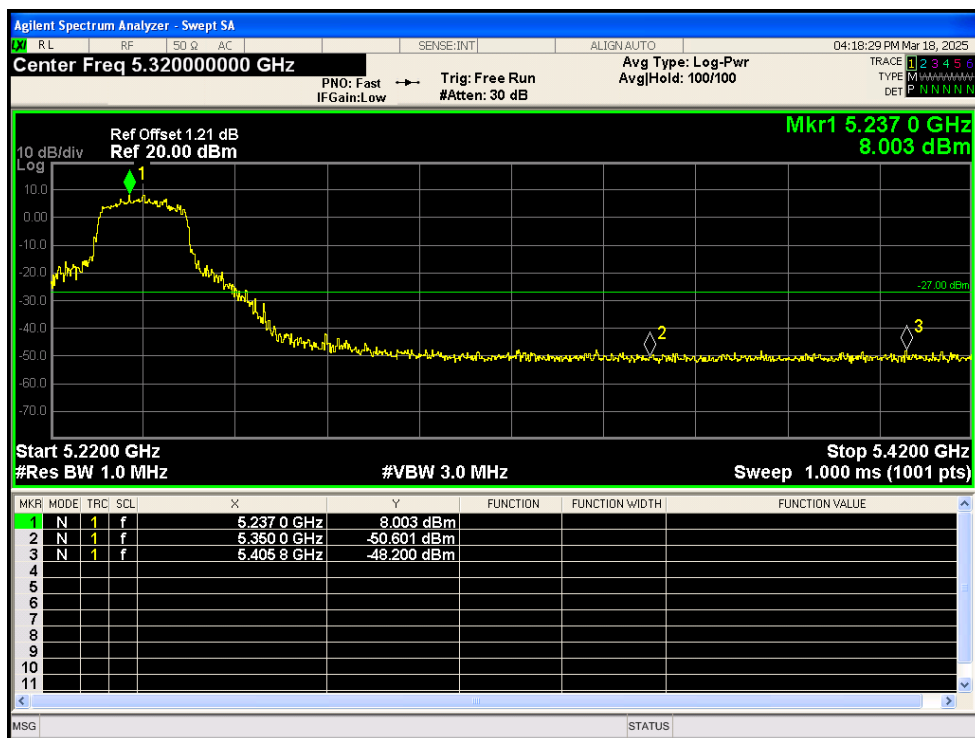
Band Edge NVNT ac80 5210MHz High Ant2



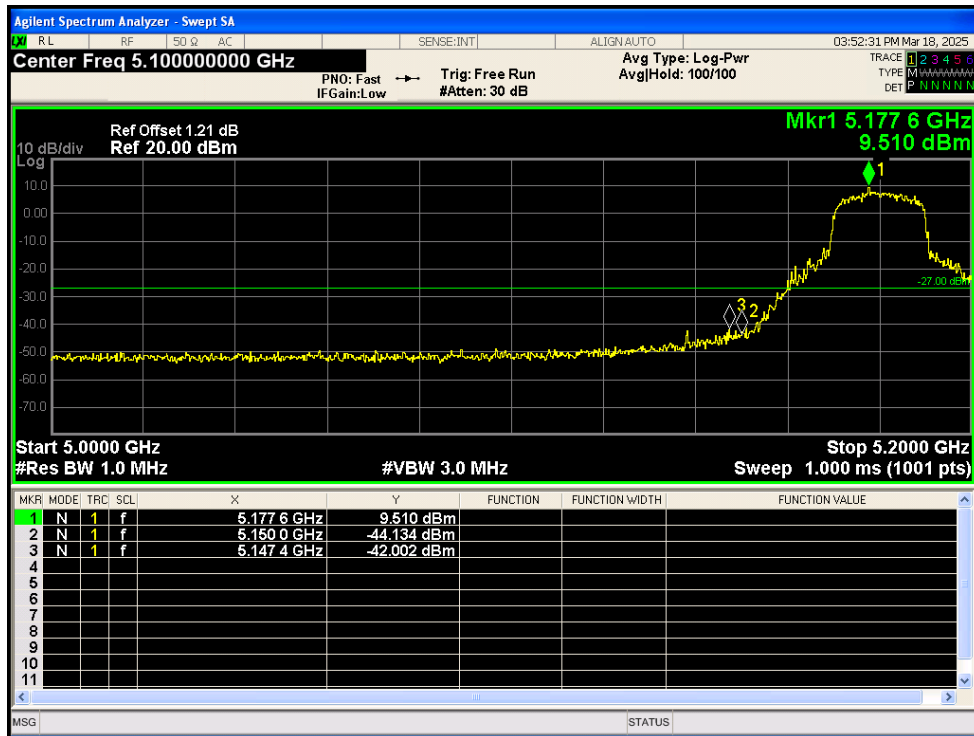
Band Edge NVNT ax20 5180MHz Low Ant1



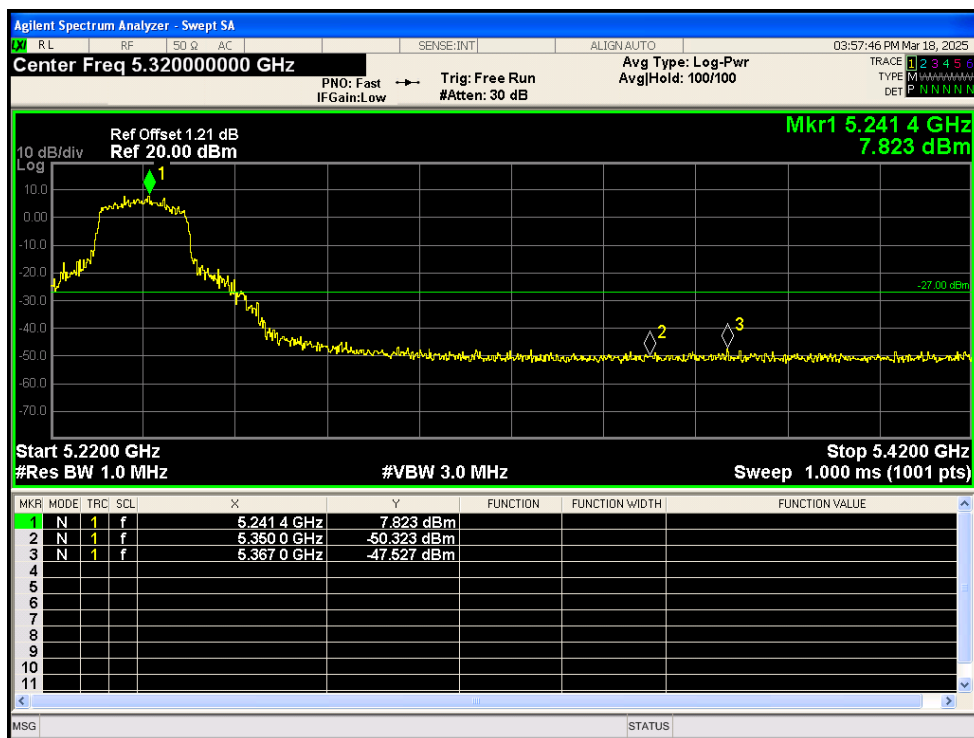
Band Edge NVNT ax20 5240MHz High Ant1



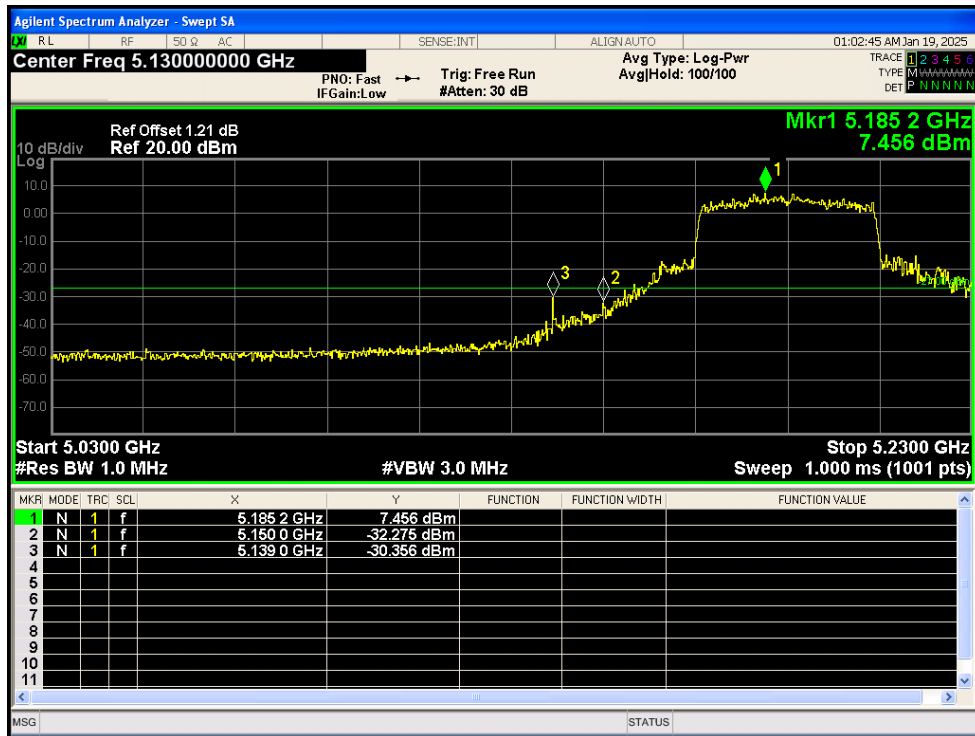
Band Edge NVNT ax20 5180MHz Low Ant2



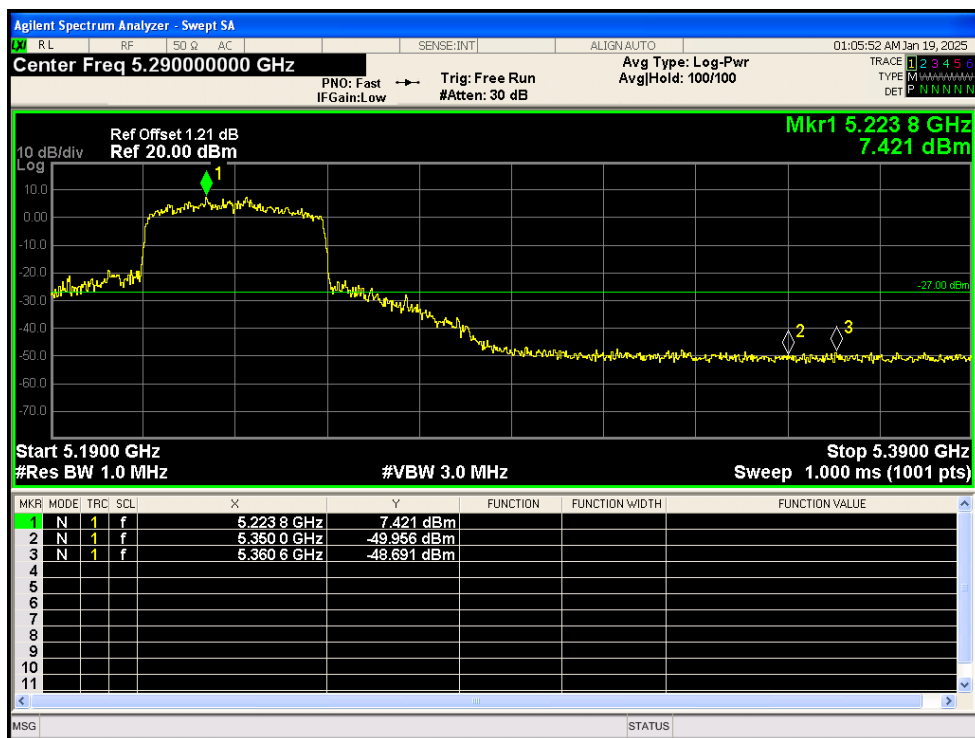
Band Edge NVNT ax20 5240MHz High Ant2



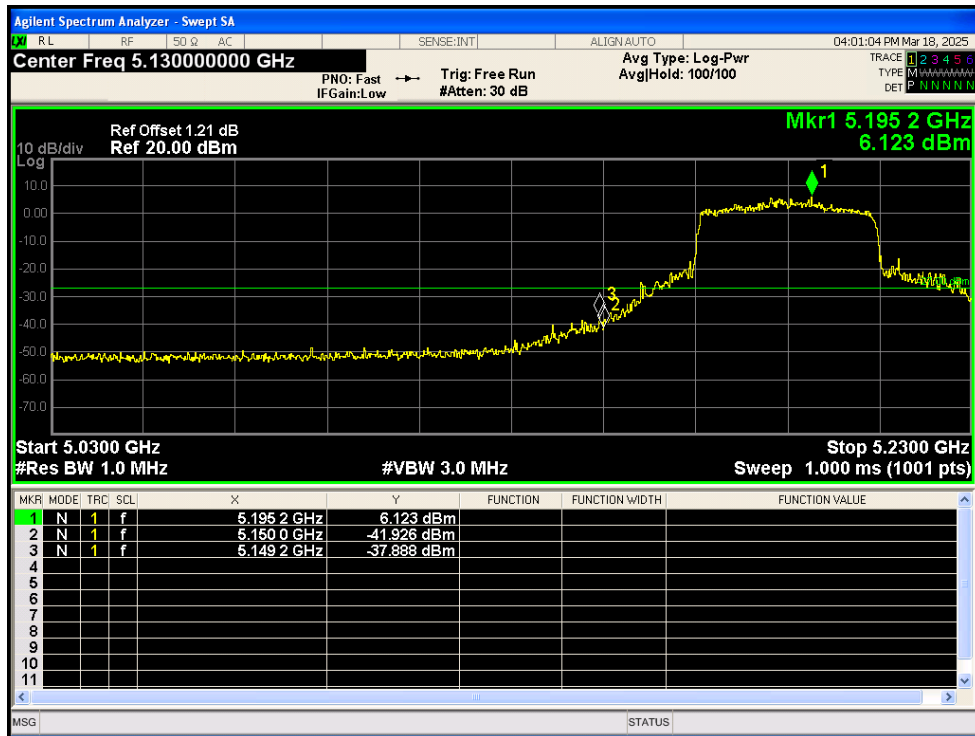
Band Edge NVNT ax40 5190MHz Low Ant1



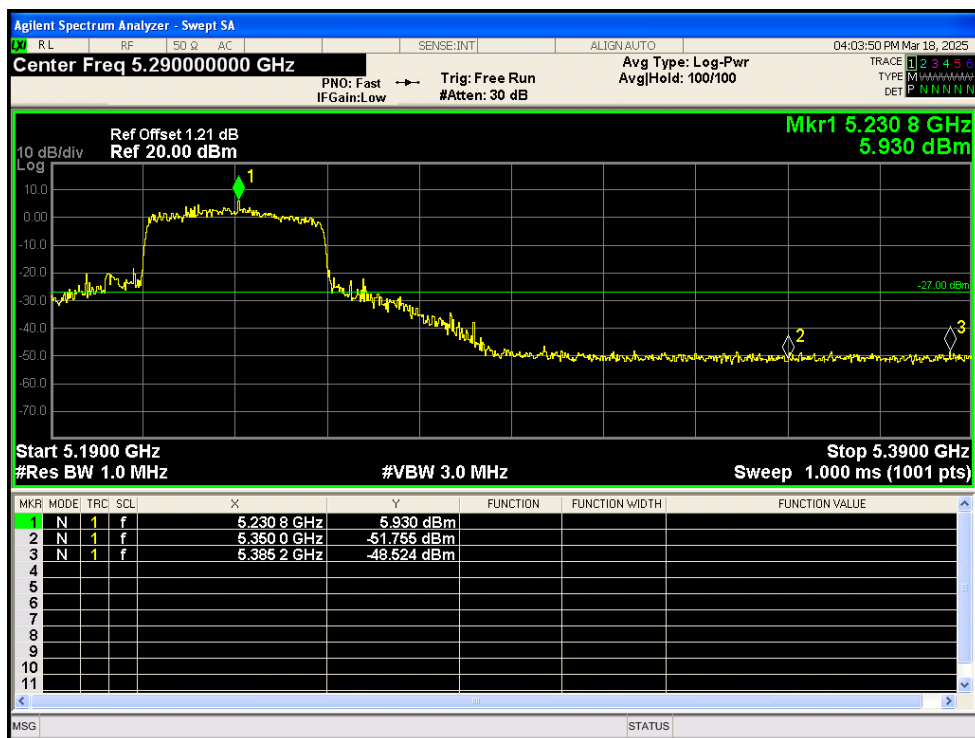
Band Edge NVNT ax40 5230MHz High Ant1



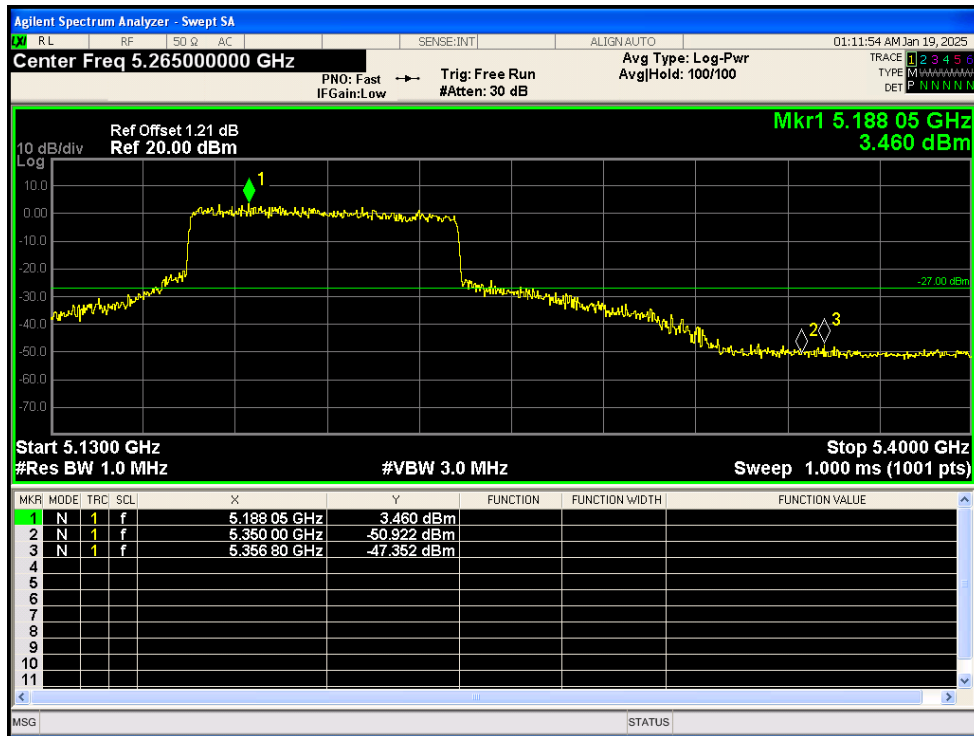
Band Edge NVNT ax40 5190MHz Low Ant2



Band Edge NVNT ax40 5230MHz High Ant2



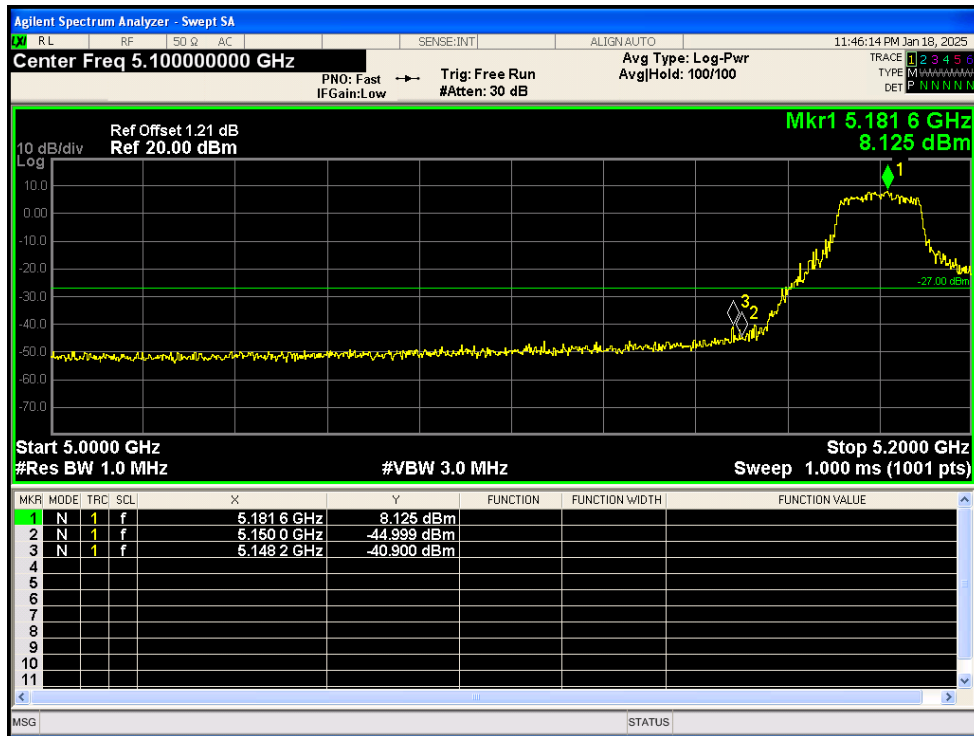
Band Edge NVNT ax80 5210MHz High Ant1



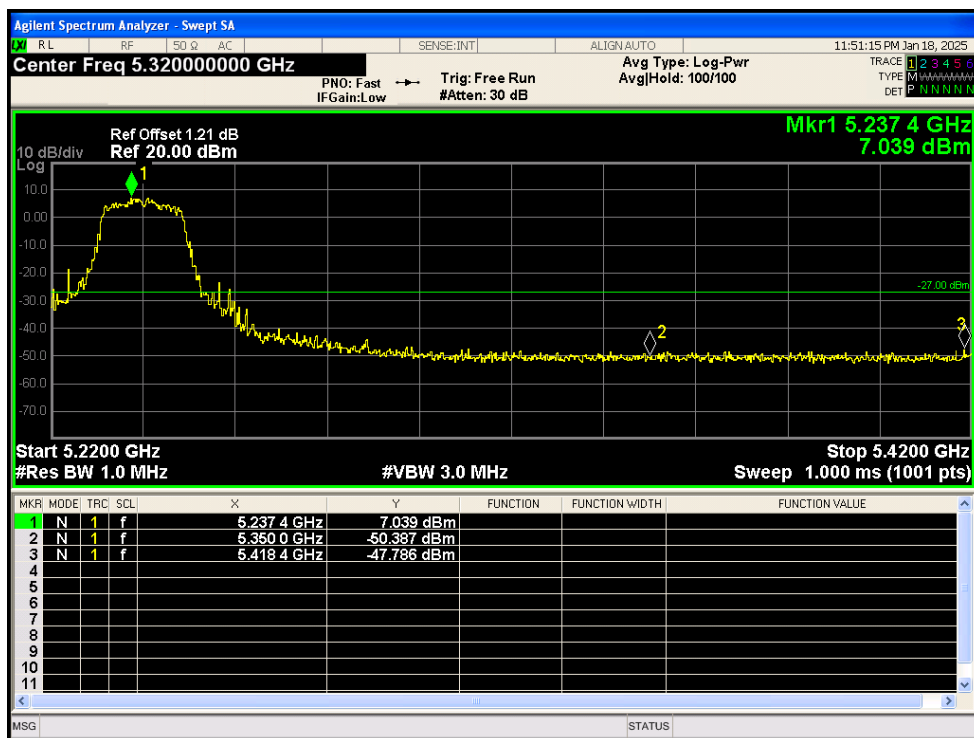
Band Edge NVNT ax80 5210MHz High Ant2



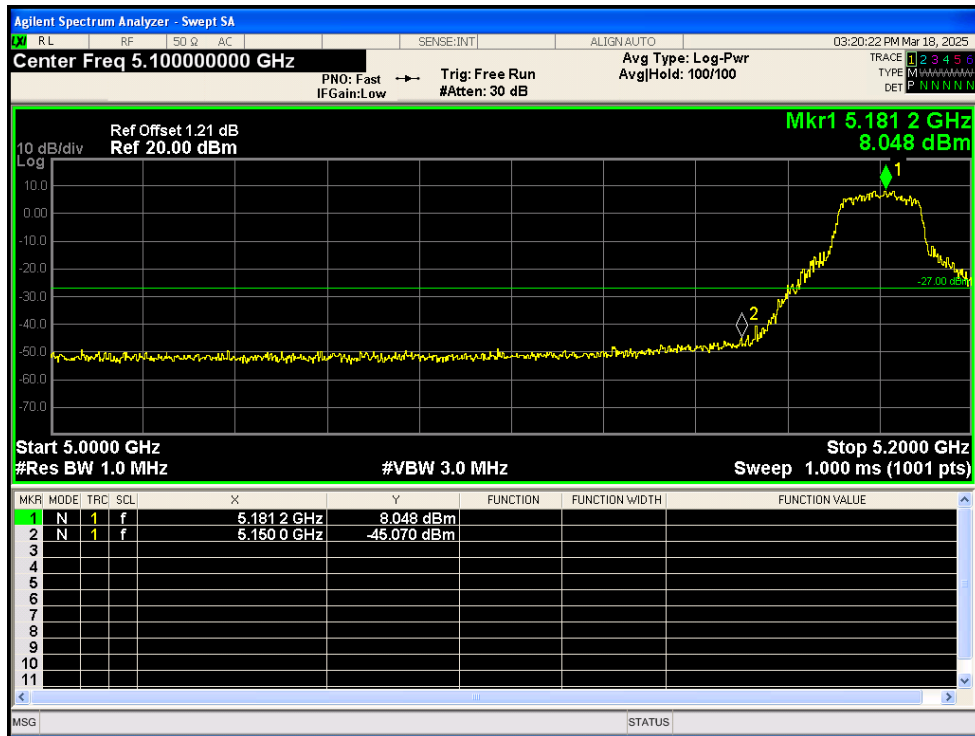
Band Edge NVNT n20 5180MHz Low Ant1



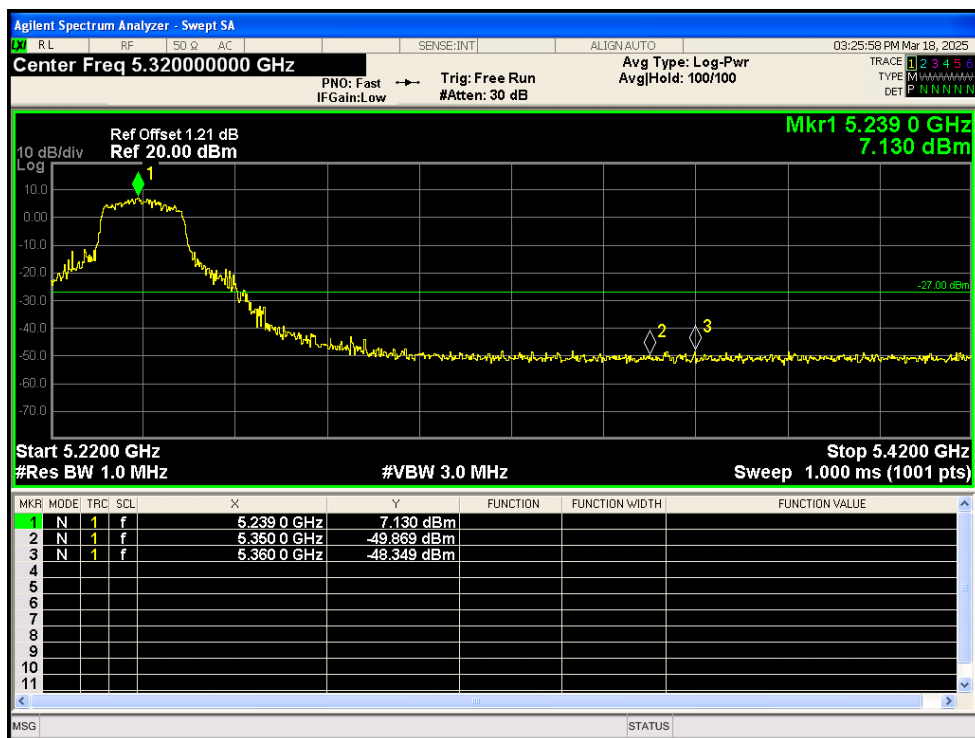
Band Edge NVNT n20 5240MHz High Ant1



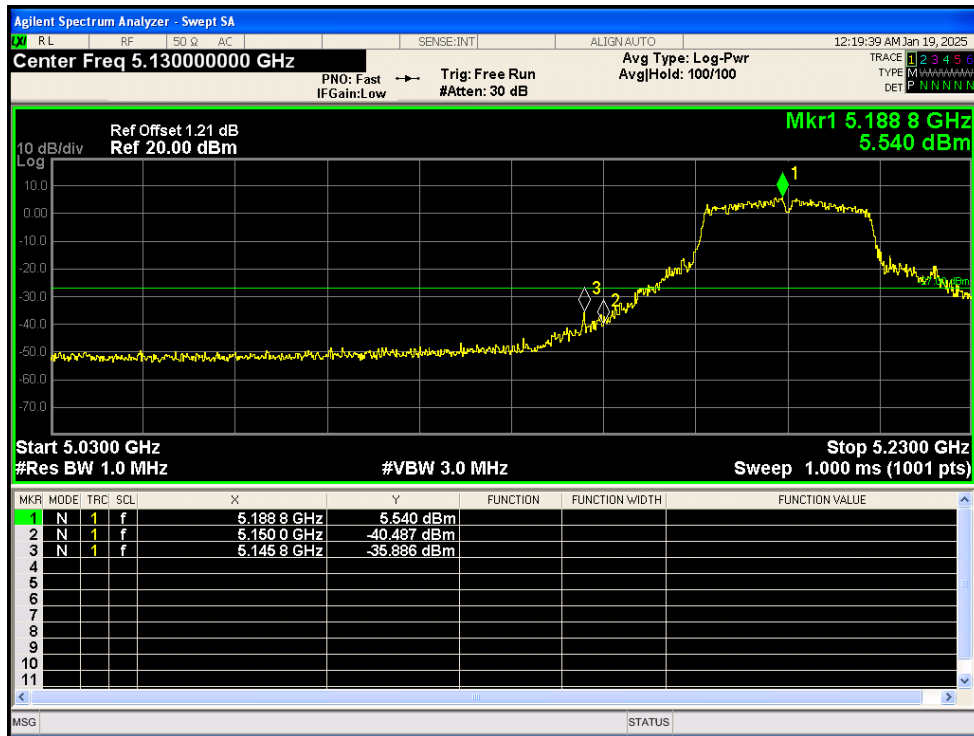
Band Edge NVNT n20 5180MHz Low Ant2



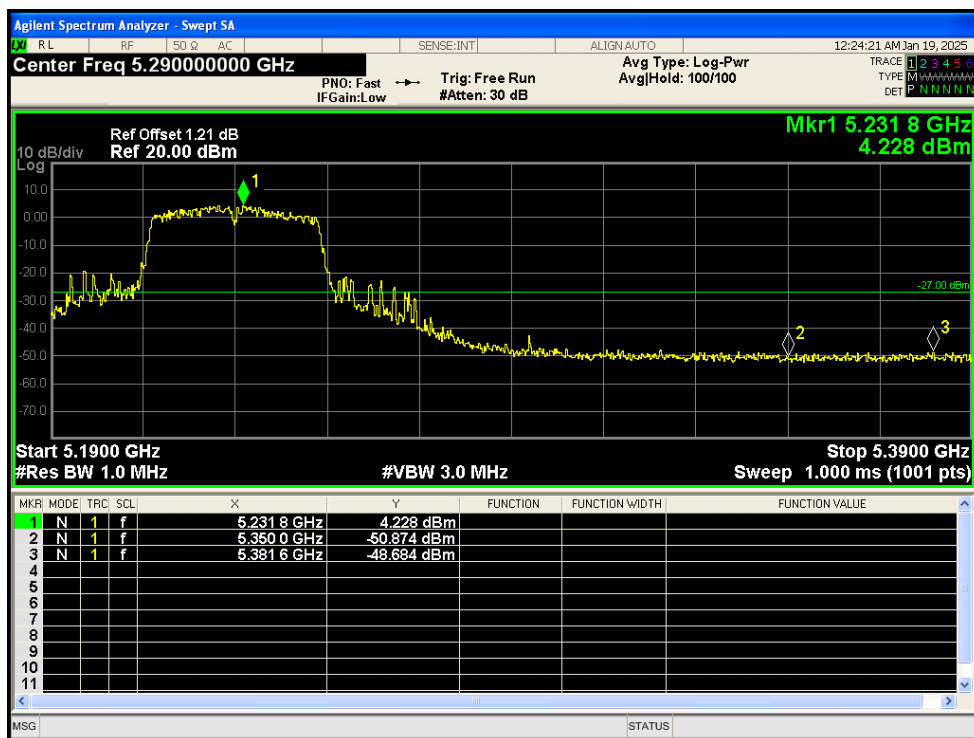
Band Edge NVNT n20 5240MHz High Ant2



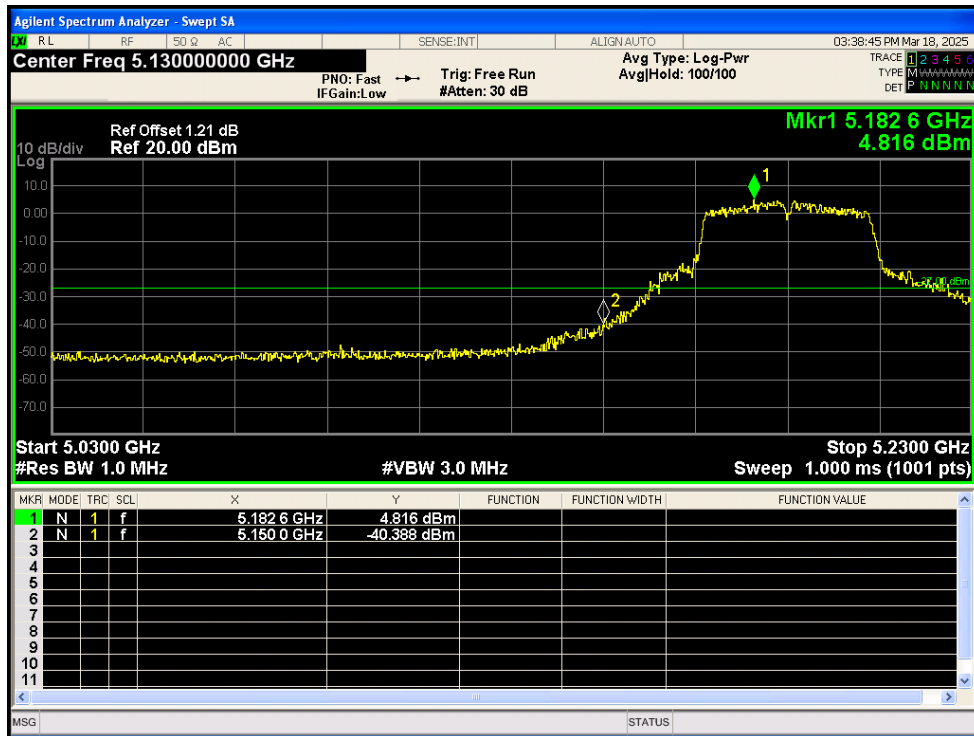
Band Edge NVNT n40 5190MHz Low Ant1



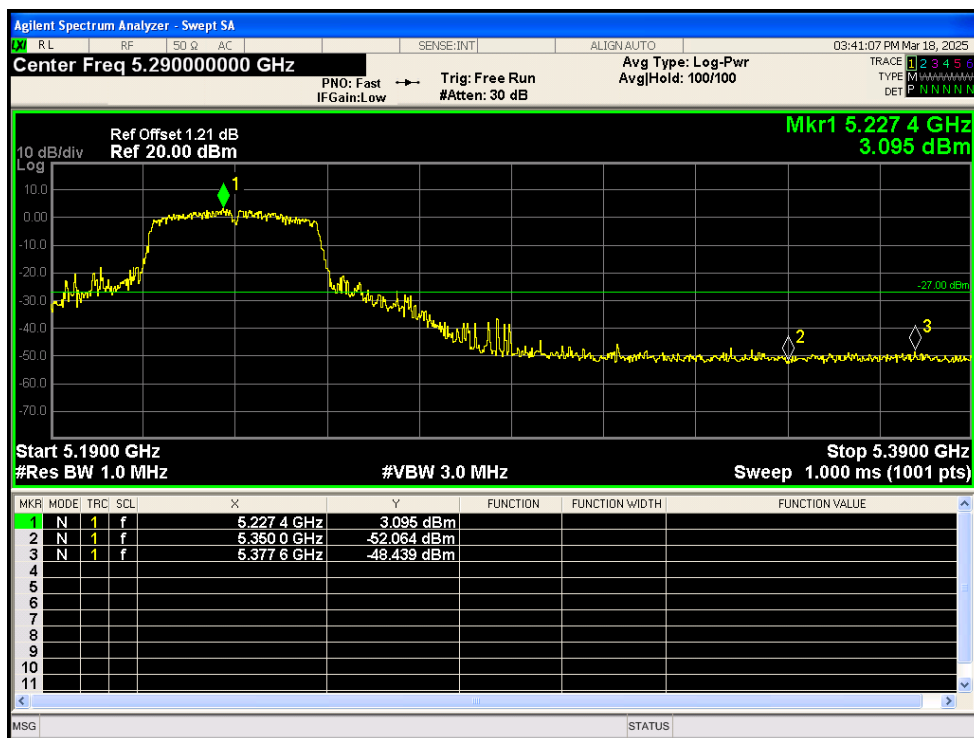
Band Edge NVNT n40 5230MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant2



Band Edge NVNT n40 5230MHz High Ant2

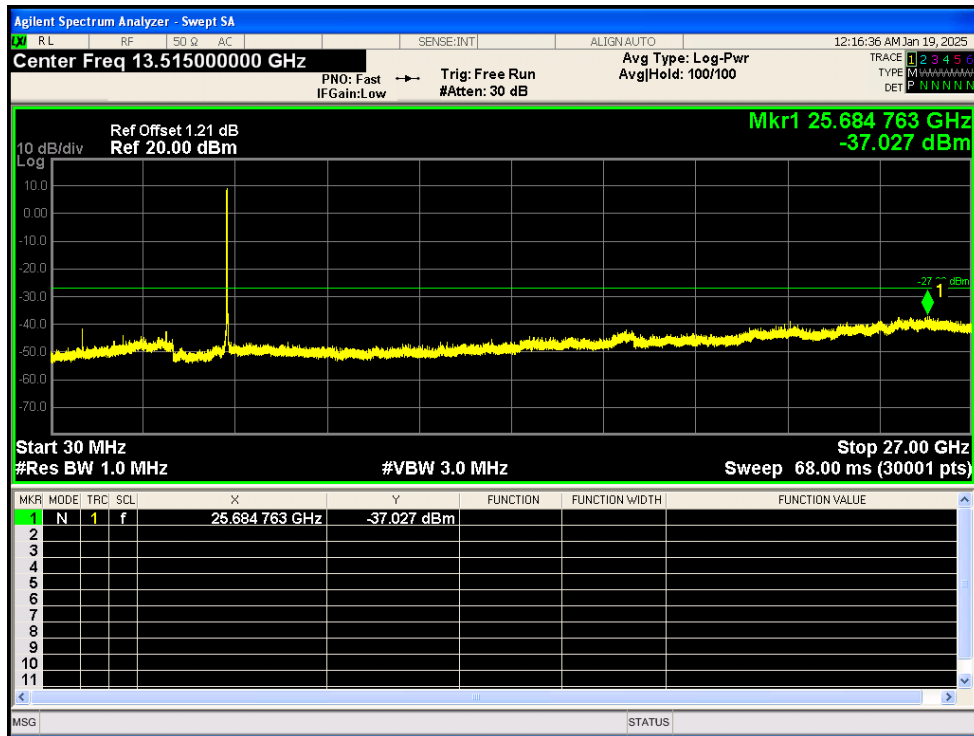


Conducted RF Spurious Emission

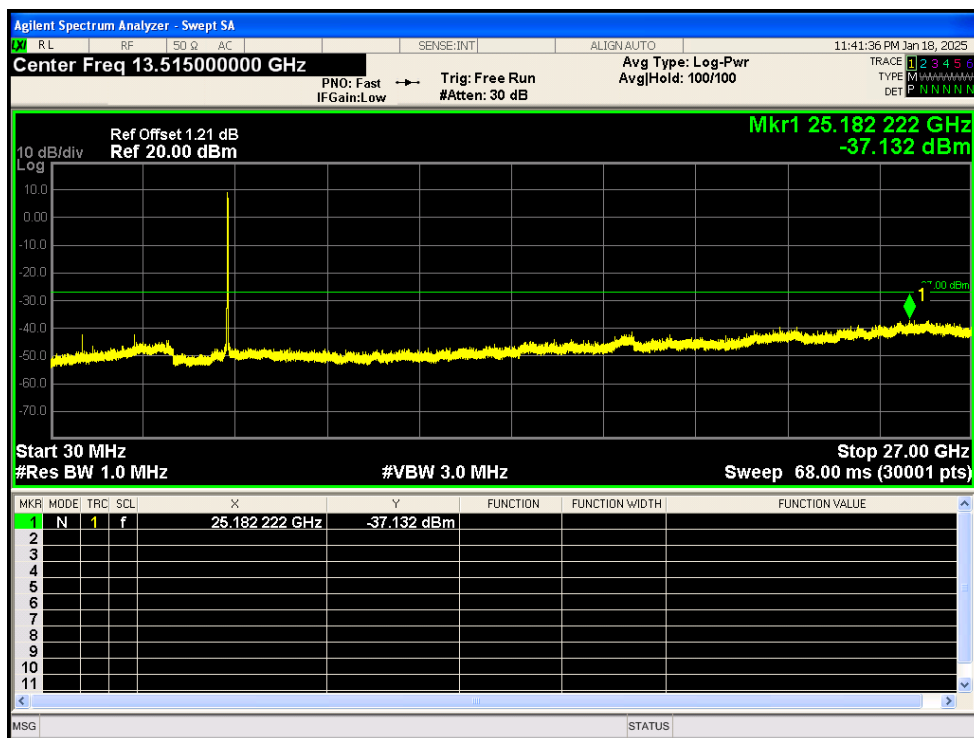
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-37.02	-27	Pass
NVNT	a	5200	Ant1	-37.13	-27	Pass
NVNT	a	5240	Ant1	-37.19	-27	Pass
NVNT	a	5180	Ant2	-36.56	-27	Pass
NVNT	a	5200	Ant2	-36.94	-27	Pass

NVNT	a	5240	Ant2	-36.91	-27	Pass
NVNT	ac20	5180	Ant1	-32.99	-27	Pass
NVNT	ac20	5200	Ant1	-36.92	-27	Pass
NVNT	ac20	5240	Ant1	-36.89	-27	Pass
NVNT	ac20	5180	Ant2	-33.96	-27	Pass
NVNT	ac20	5200	Ant2	-34.47	-27	Pass
NVNT	ac20	5240	Ant2	-36.58	-27	Pass
NVNT	ac40	5190	Ant1	-36.95	-27	Pass
NVNT	ac40	5230	Ant1	-36.89	-27	Pass
NVNT	ac40	5190	Ant2	-37.13	-27	Pass
NVNT	ac40	5230	Ant2	-37.33	-27	Pass
NVNT	ac80	5210	Ant1	-44.51	-27	Pass
NVNT	ac80	5210	Ant2	-39.35	-27	Pass
NVNT	ax20	5180	Ant1	-37.5	-27	Pass
NVNT	ax20	5200	Ant1	-36.95	-27	Pass
NVNT	ax20	5240	Ant1	-36.76	-27	Pass
NVNT	ax20	5180	Ant2	-37.17	-27	Pass
NVNT	ax20	5200	Ant2	-36.74	-27	Pass
NVNT	ax20	5240	Ant2	-37.01	-27	Pass
NVNT	ax40	5190	Ant1	-37.32	-27	Pass
NVNT	ax40	5230	Ant1	-37.35	-27	Pass
NVNT	ax40	5190	Ant2	-37.02	-27	Pass
NVNT	ax40	5230	Ant2	-36.81	-27	Pass
NVNT	ax80	5210	Ant1	-36.63	-27	Pass
NVNT	ax80	5210	Ant2	-37.28	-27	Pass
NVNT	n20	5180	Ant1	-37.38	-27	Pass
NVNT	n20	5200	Ant1	-36.84	-27	Pass
NVNT	n20	5240	Ant1	-37.39	-27	Pass
NVNT	n20	5180	Ant2	-33.12	-27	Pass
NVNT	n20	5200	Ant2	-33.26	-27	Pass
NVNT	n20	5240	Ant2	-36.61	-27	Pass
NVNT	n40	5190	Ant1	-36.81	-27	Pass
NVNT	n40	5230	Ant1	-36.99	-27	Pass
NVNT	n40	5190	Ant2	-37.32	-27	Pass
NVNT	n40	5230	Ant2	-36.99	-27	Pass

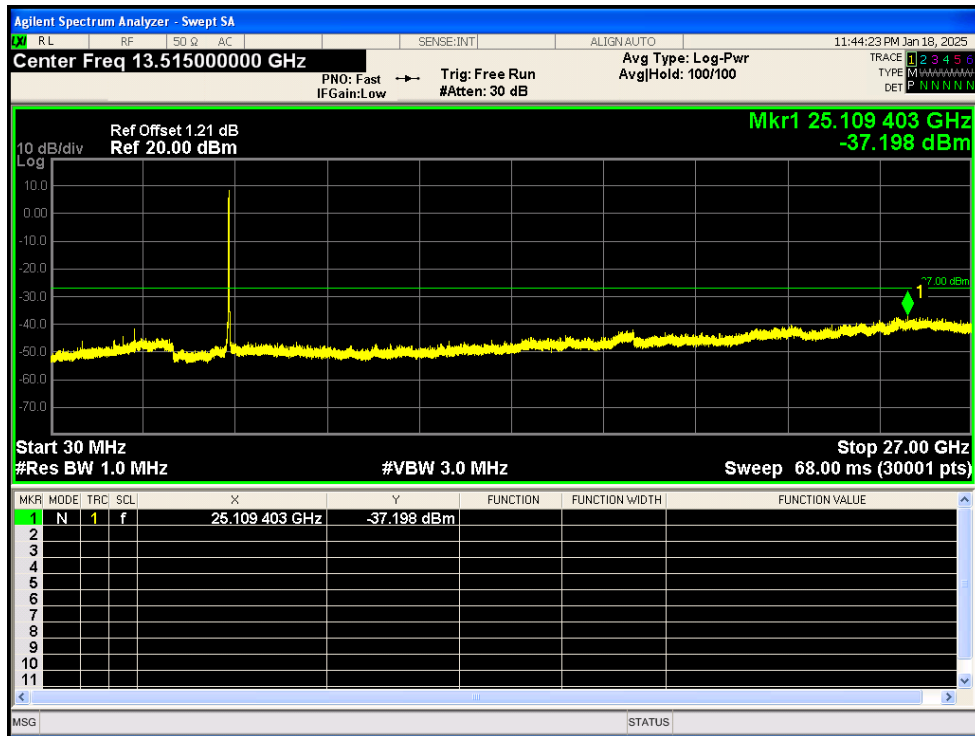
Tx. Spurious NVNT a 5180MHz Ant1 Emission



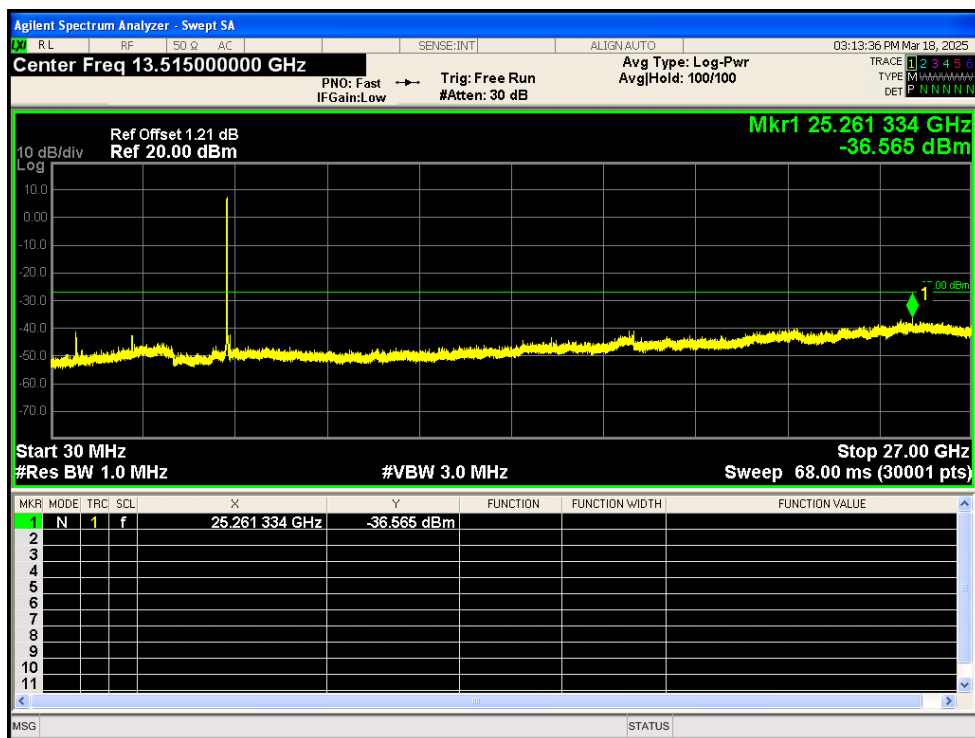
Tx. Spurious NVNT a 5200MHz Ant1 Emission



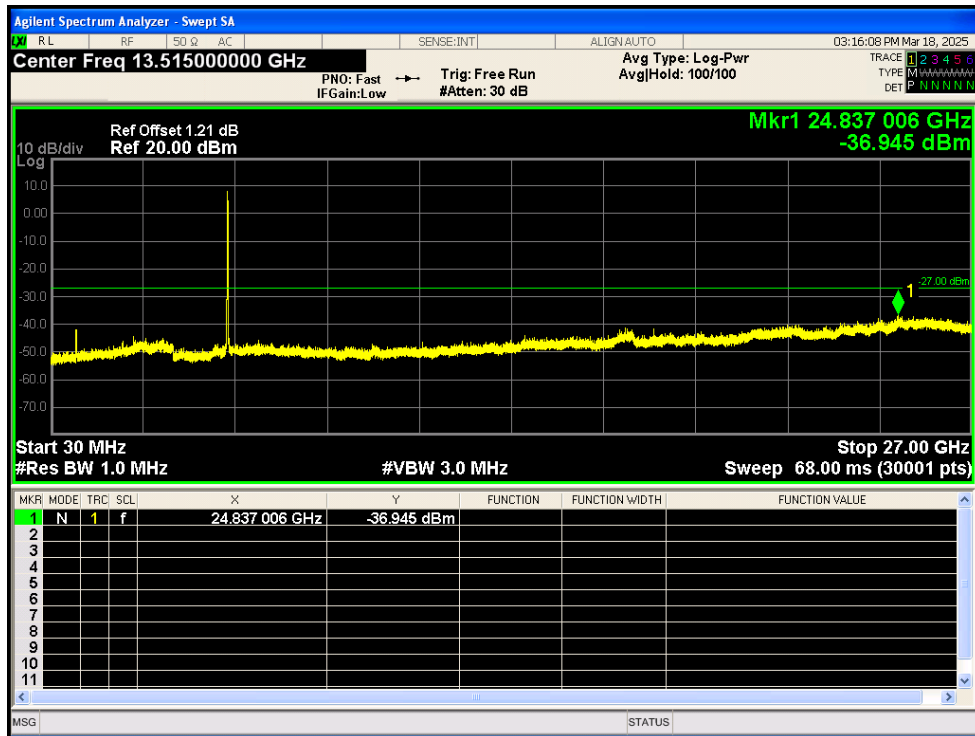
Tx. Spurious NVNT a 5240MHz Ant1 Emission



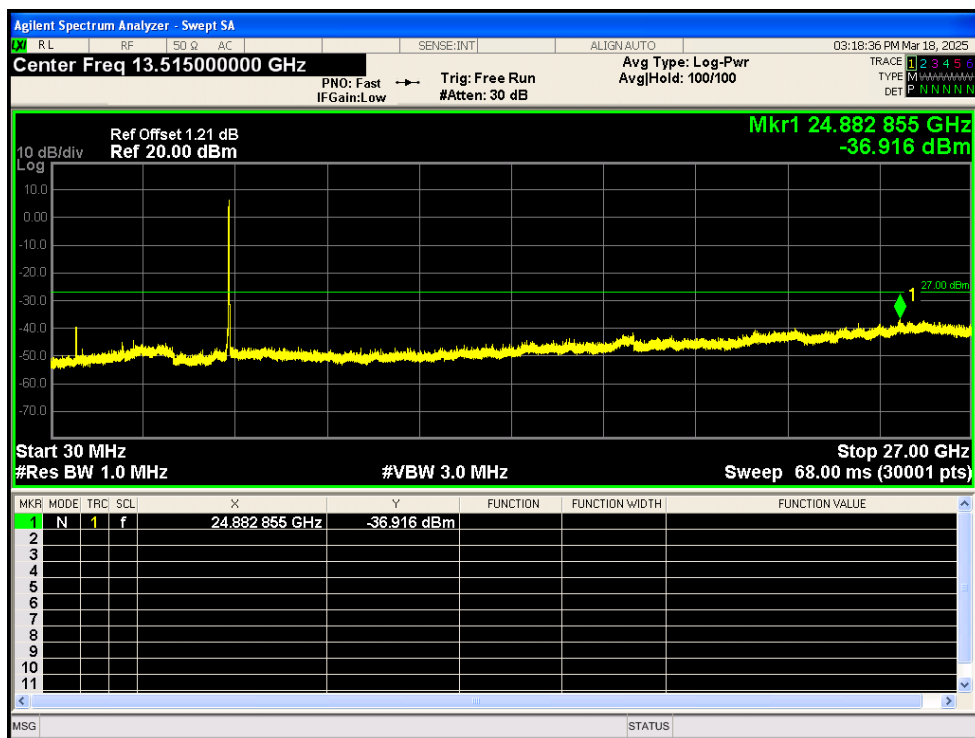
Tx. Spurious NVNT a 5180MHz Ant2 Emission



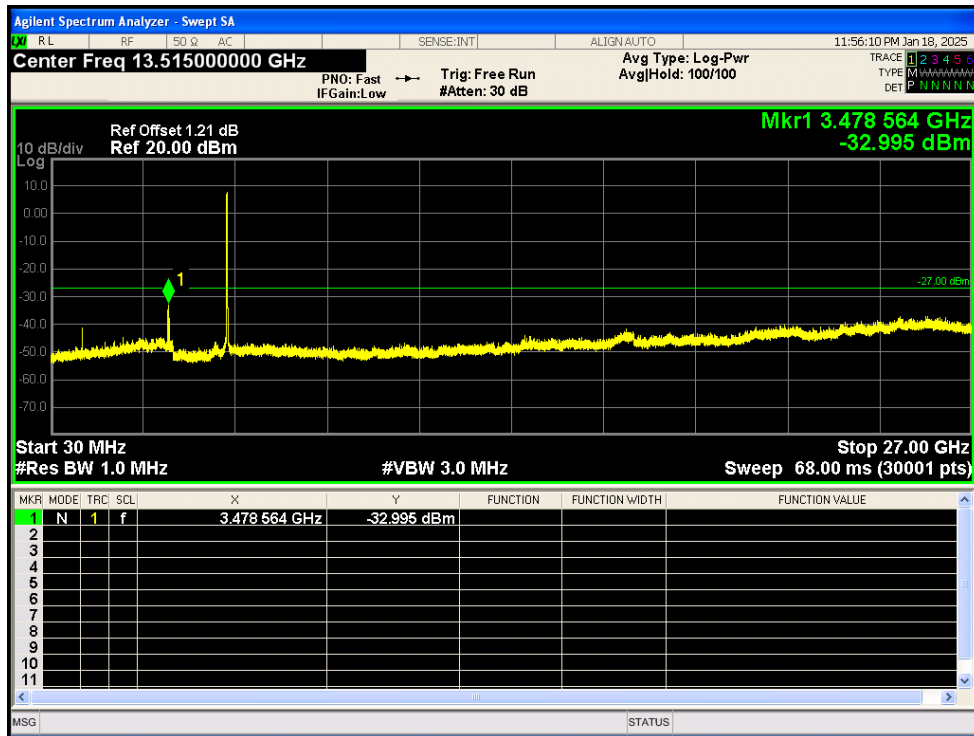
Tx. Spurious NVNT a 5200MHz Ant2 Emission



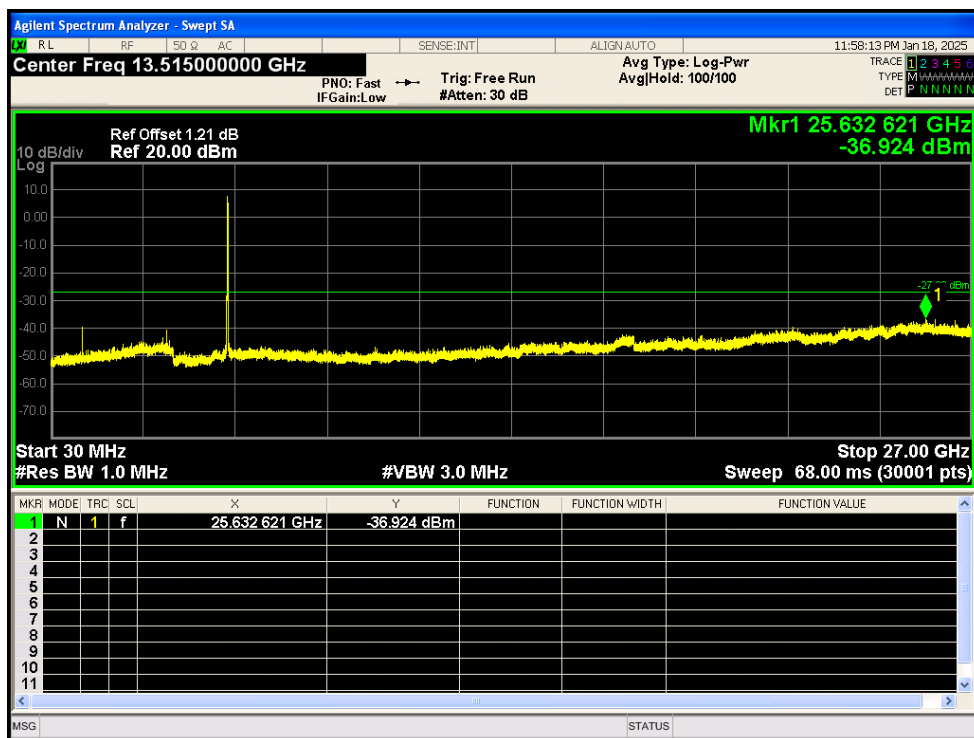
Tx. Spurious NVNT a 5240MHz Ant2 Emission



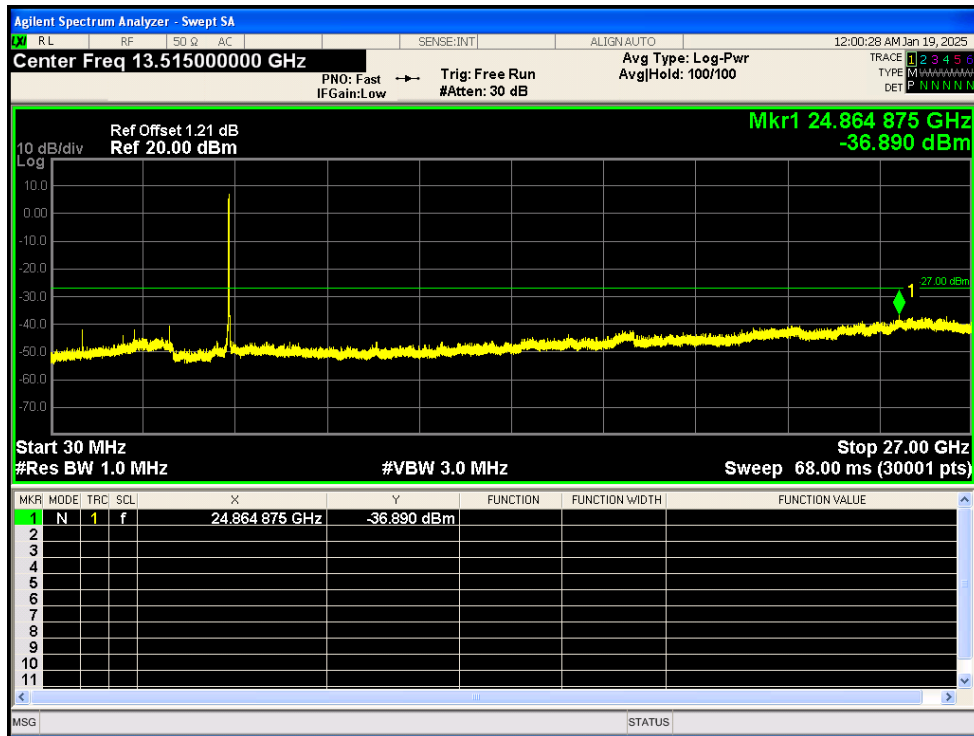
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



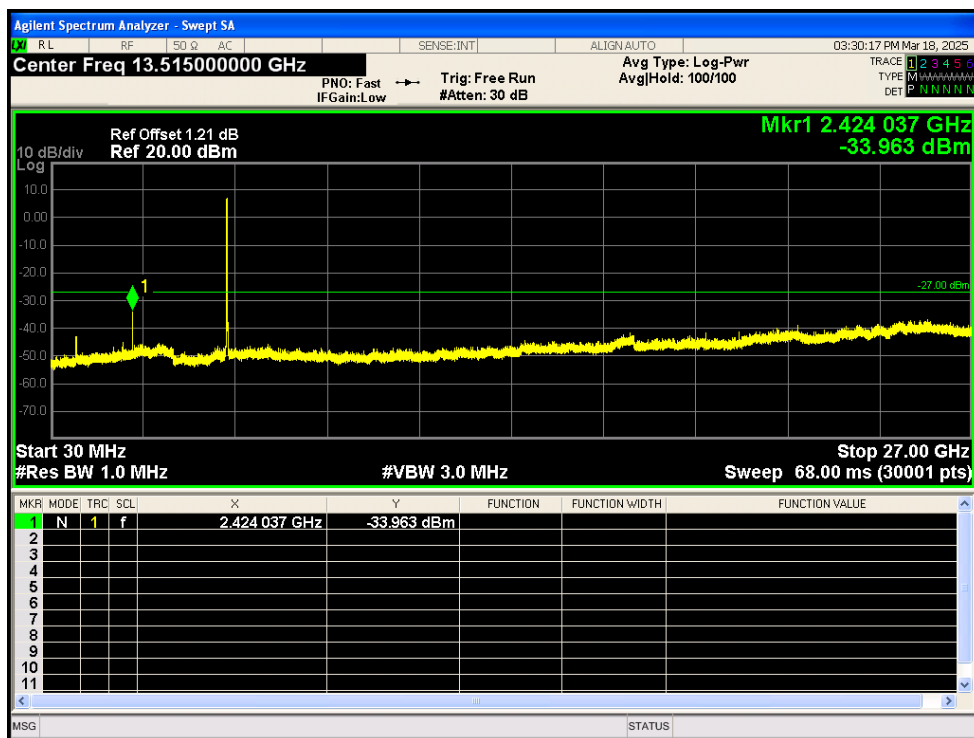
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



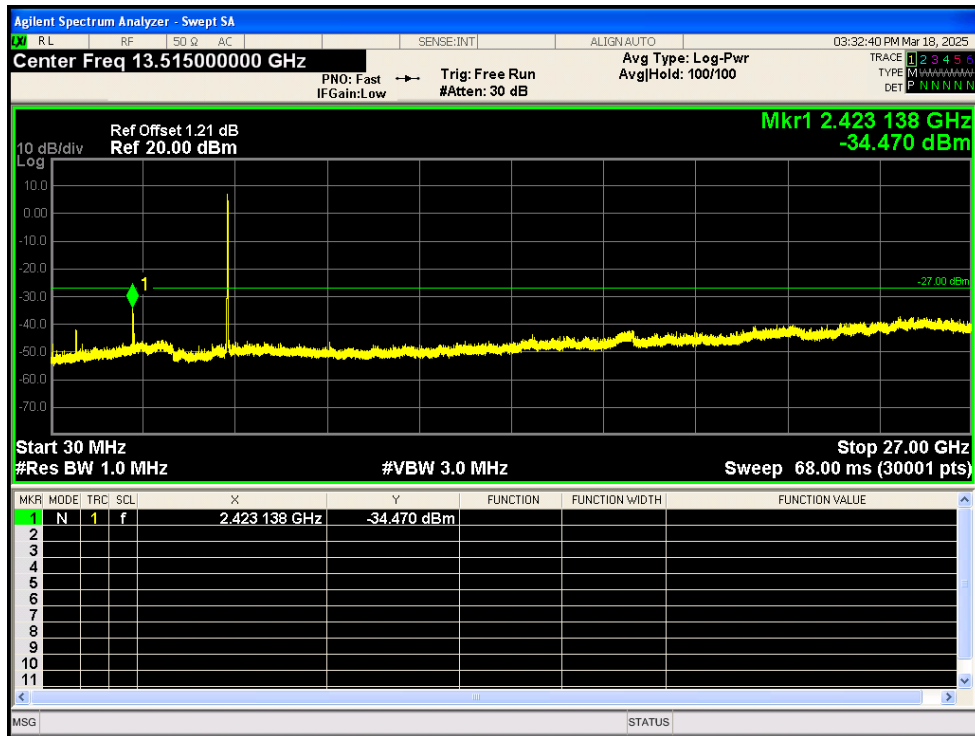
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



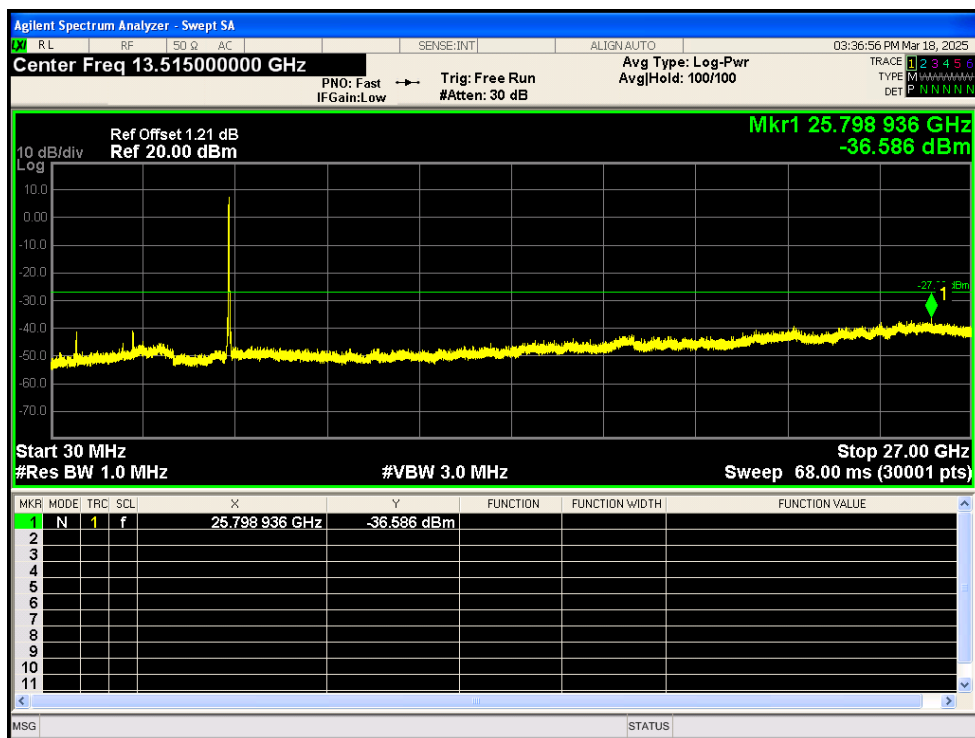
Tx. Spurious NVNT ac20 5180MHz Ant2 Emission



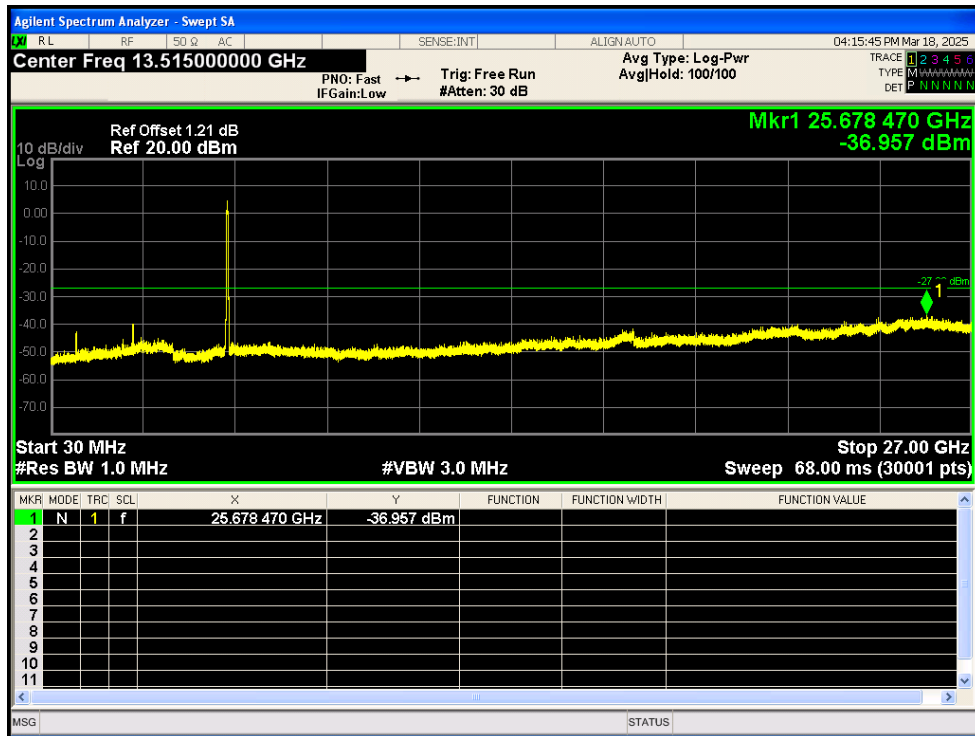
Tx. Spurious NVNT ac20 5200MHz Ant2 Emission



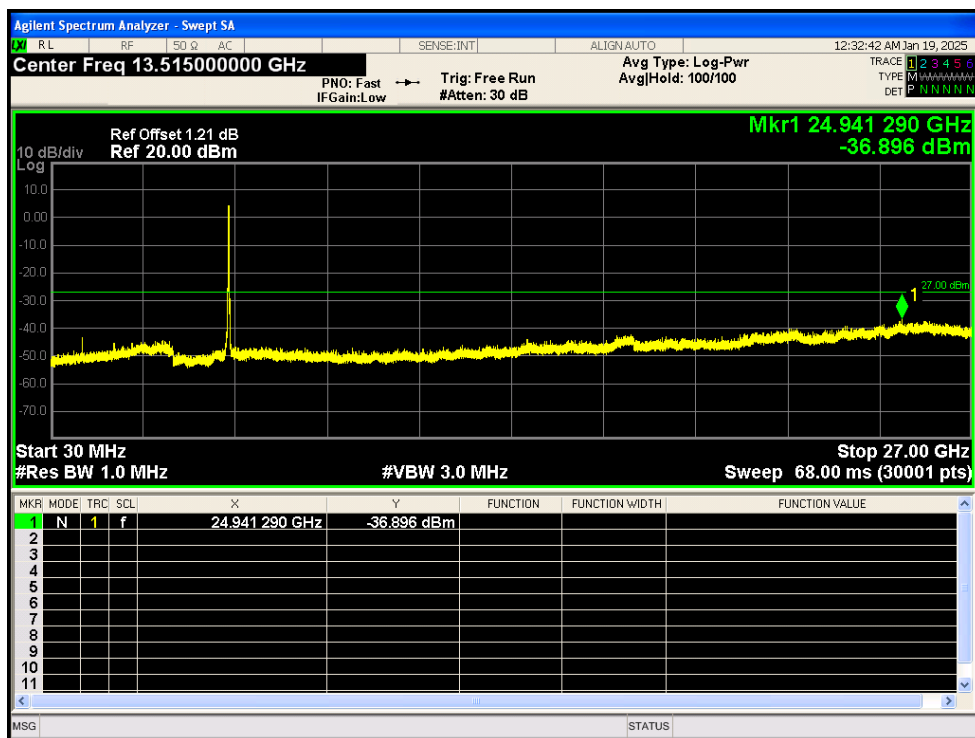
Tx. Spurious NVNT ac20 5240MHz Ant2 Emission



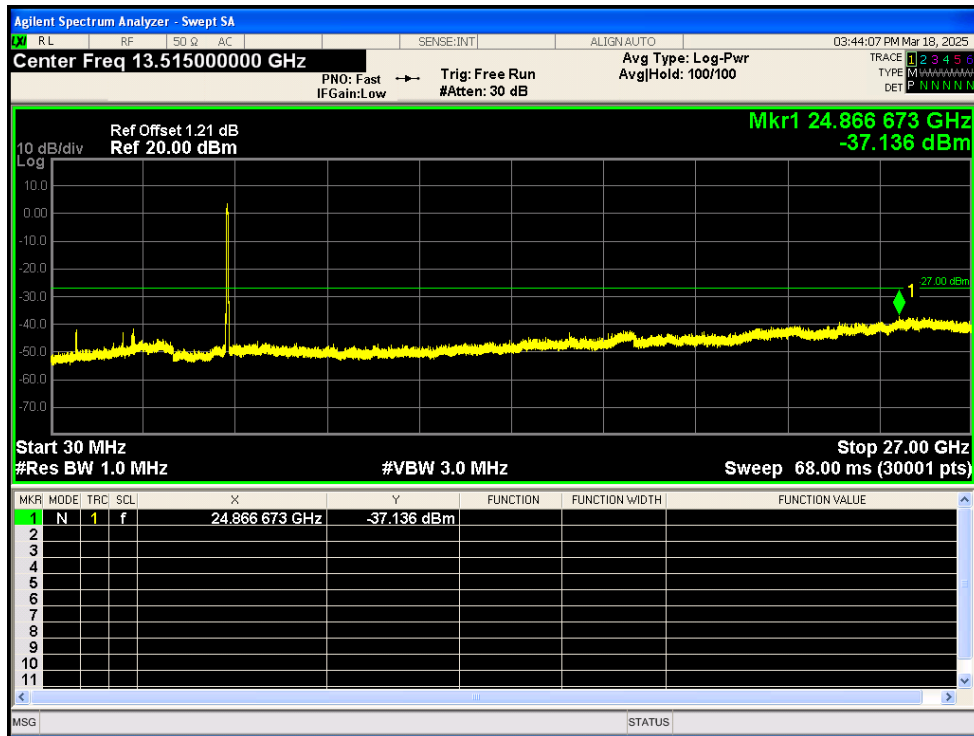
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



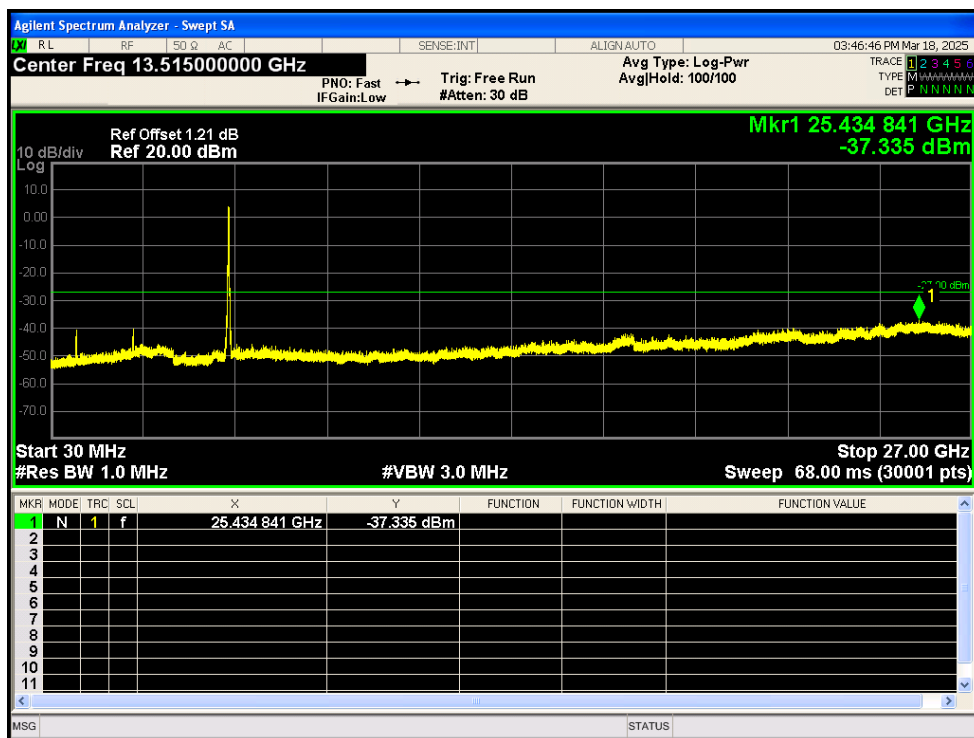
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



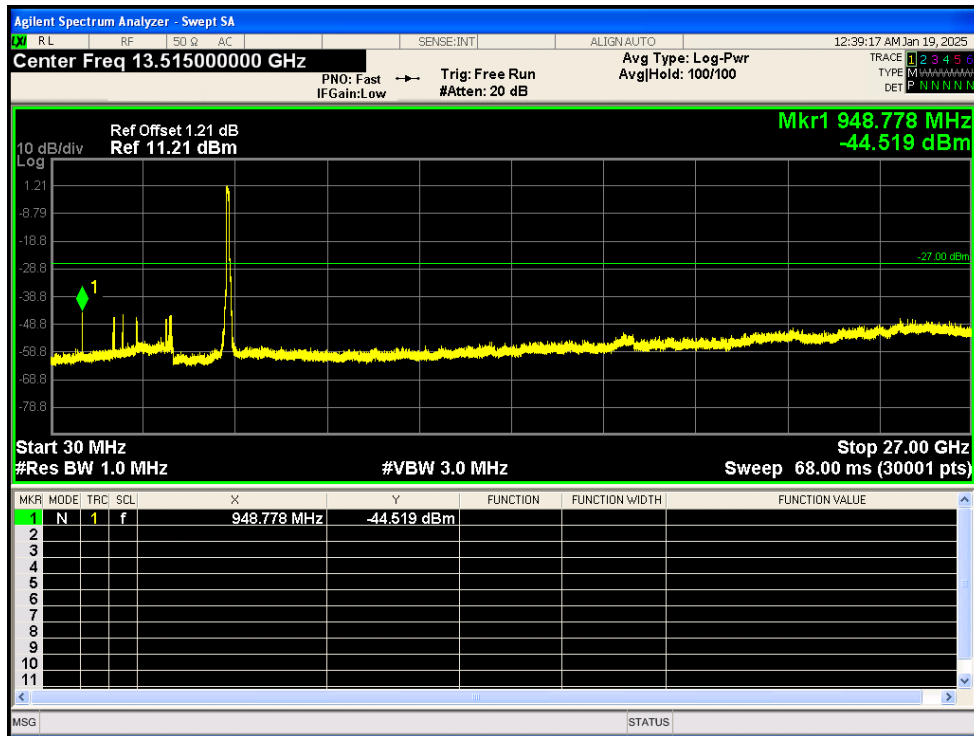
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



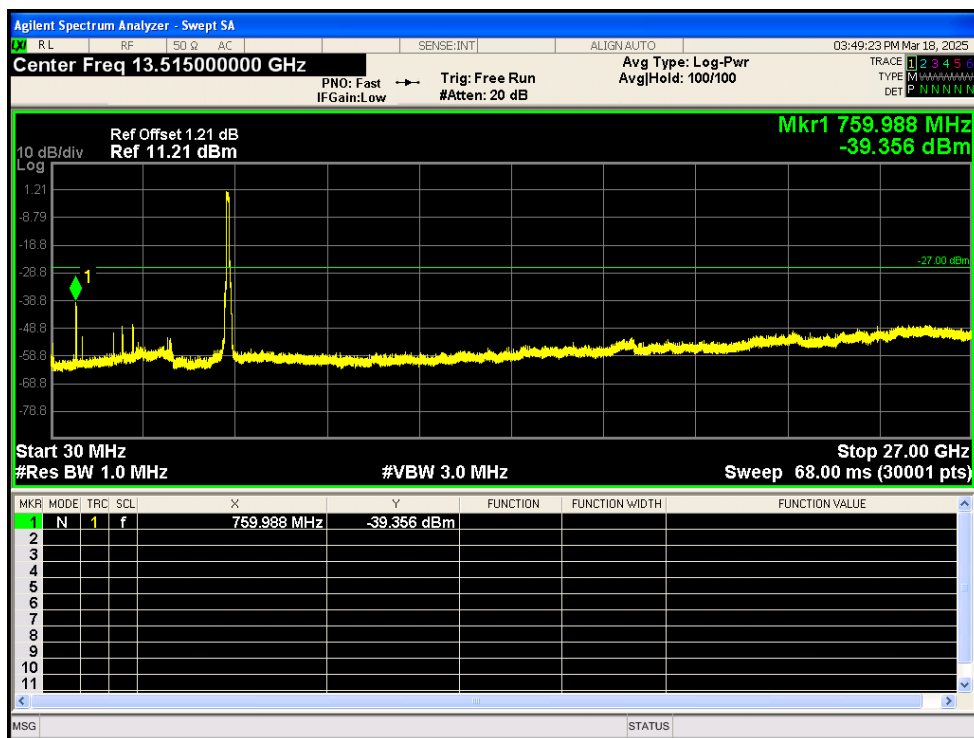
Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



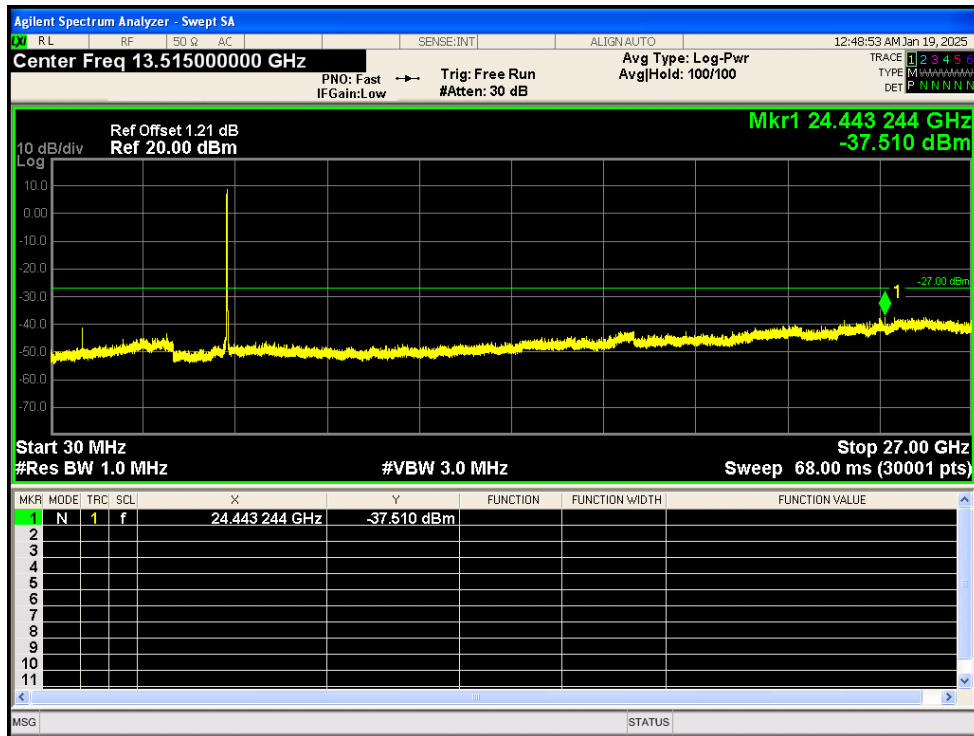
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



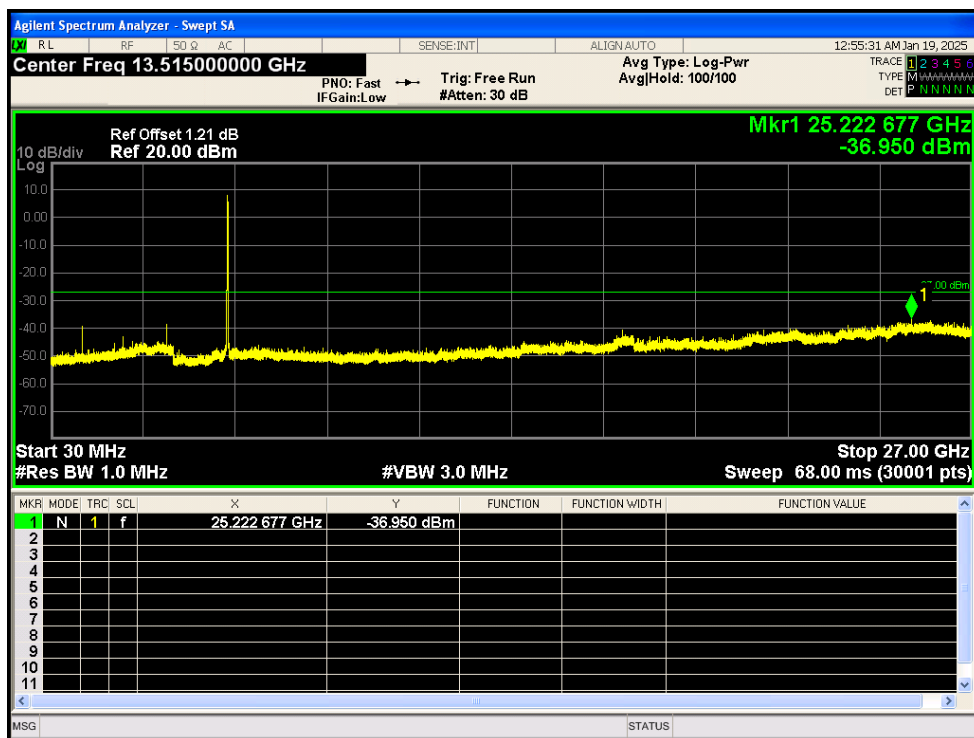
Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



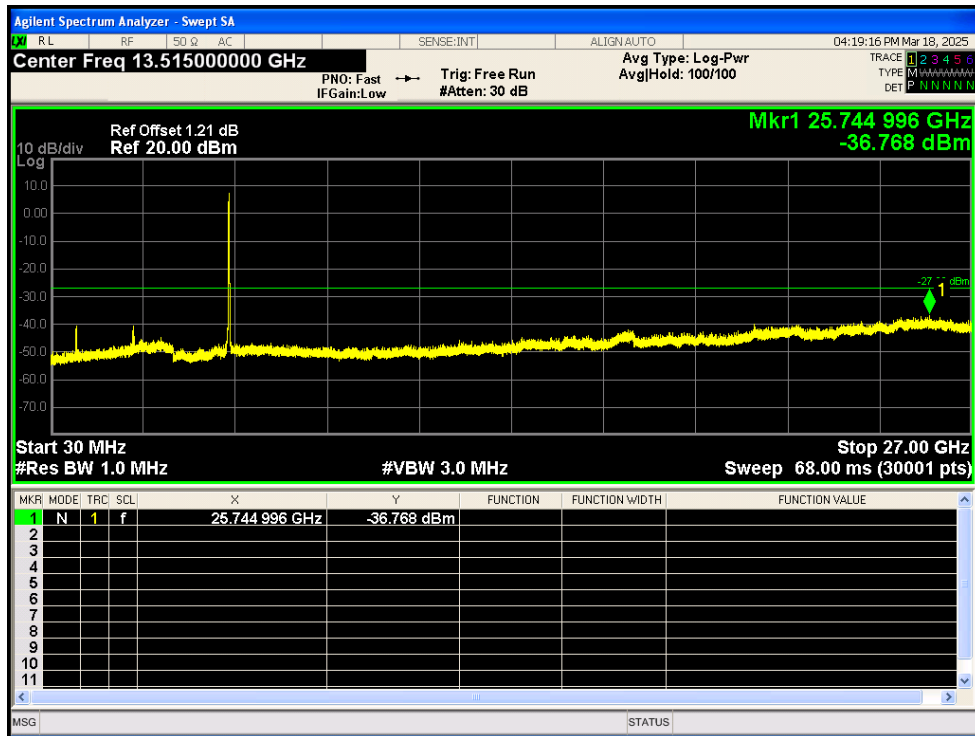
Tx. Spurious NVNT ax20 5180MHz Ant1 Emission



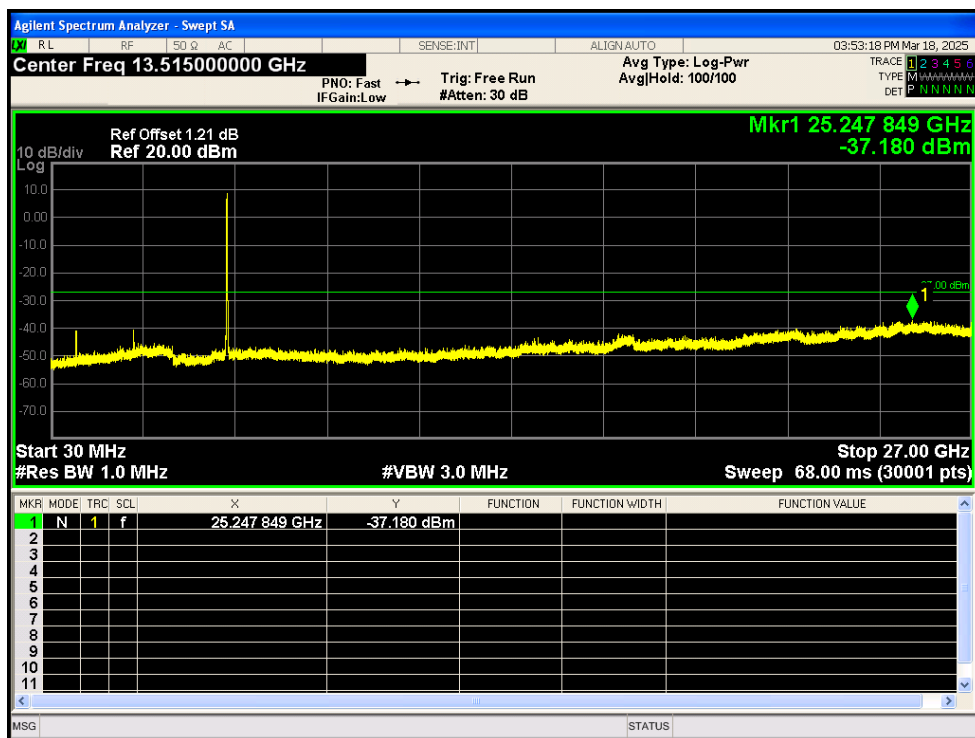
Tx. Spurious NVNT ax20 5200MHz Ant1 Emission



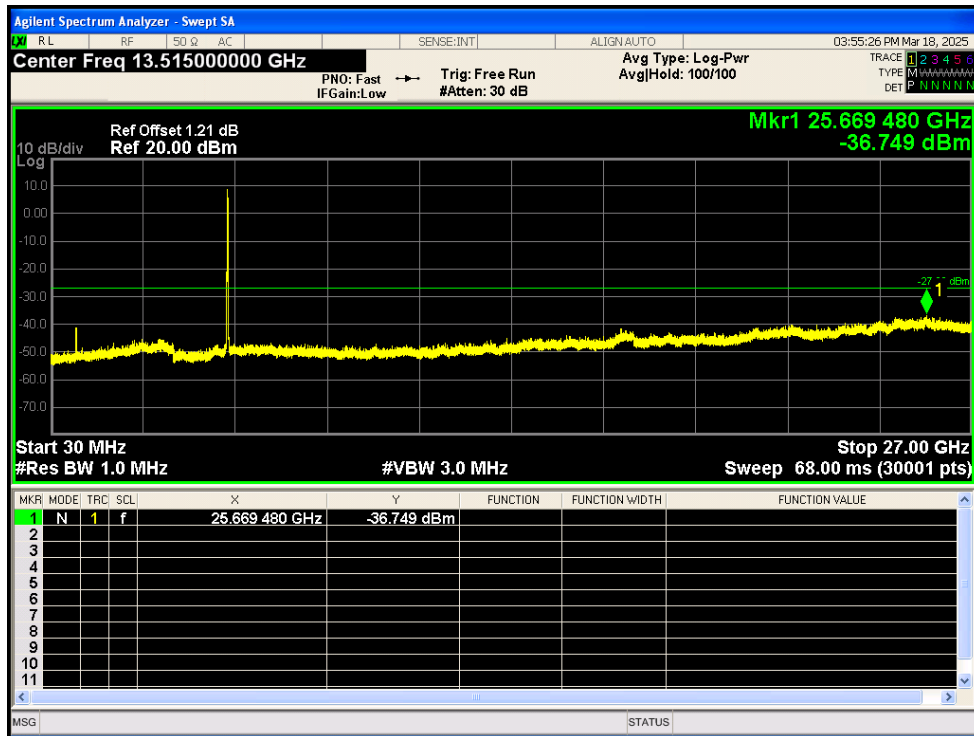
Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



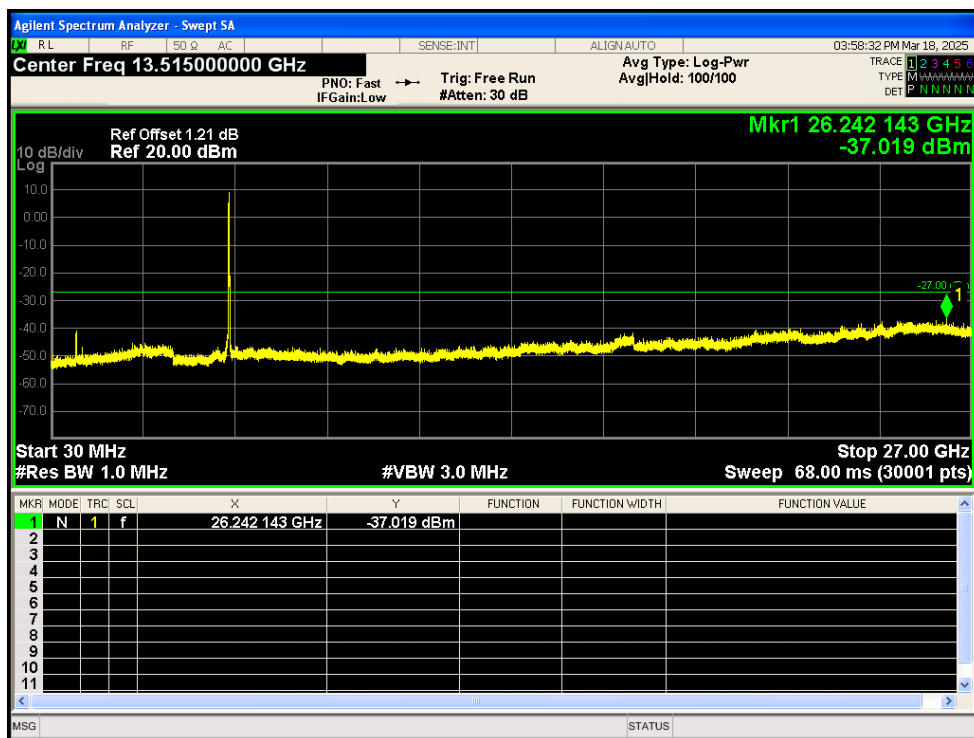
Tx. Spurious NVNT ax20 5180MHz Ant2 Emission



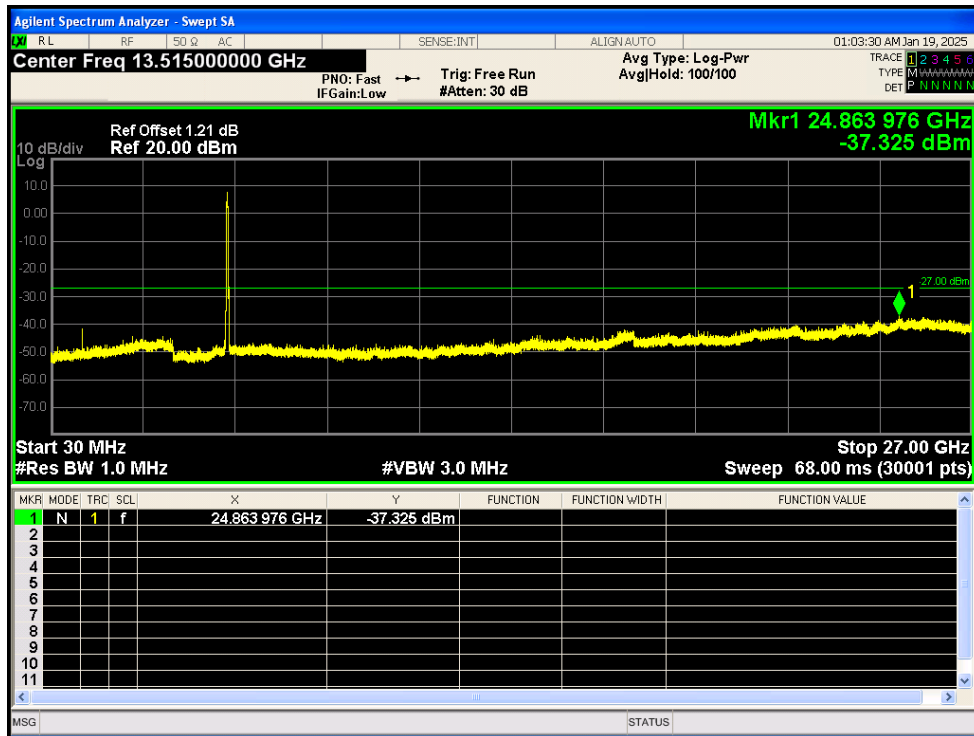
Tx. Spurious NVNT ax20 5200MHz Ant2 Emission



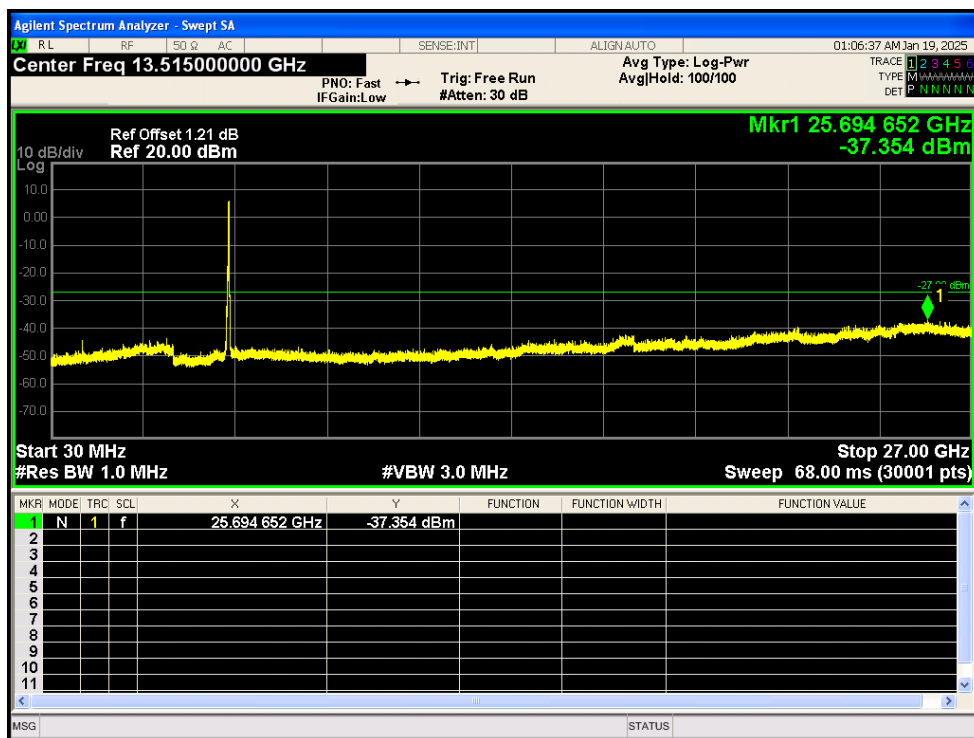
Tx. Spurious NVNT ax20 5240MHz Ant2 Emission



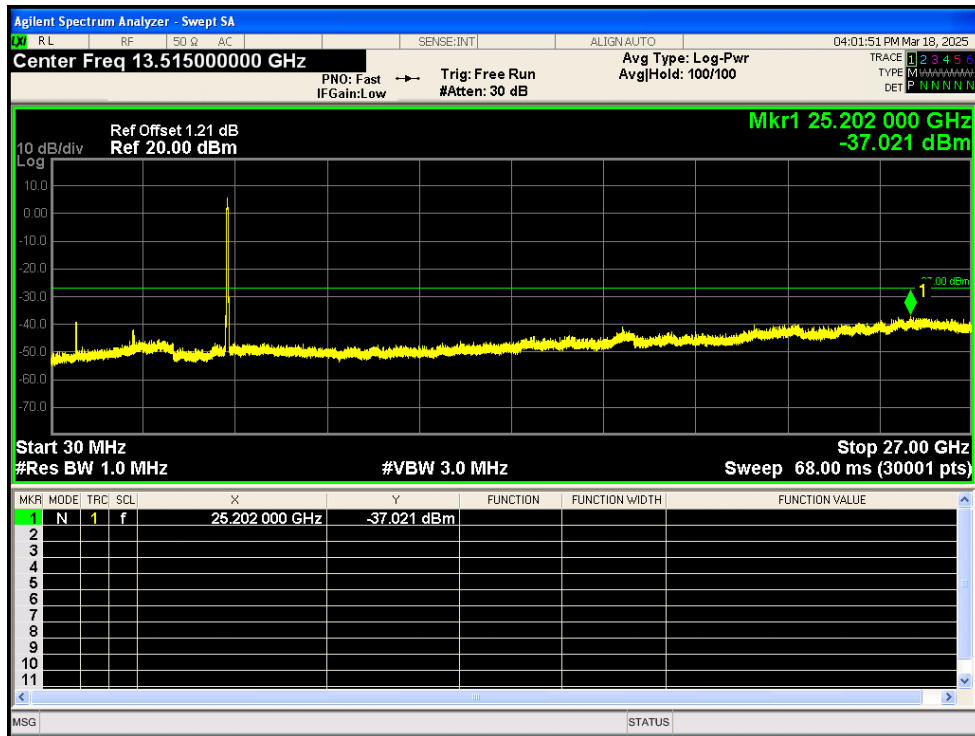
Tx. Spurious NVNT ax40 5190MHz Ant1 Emission



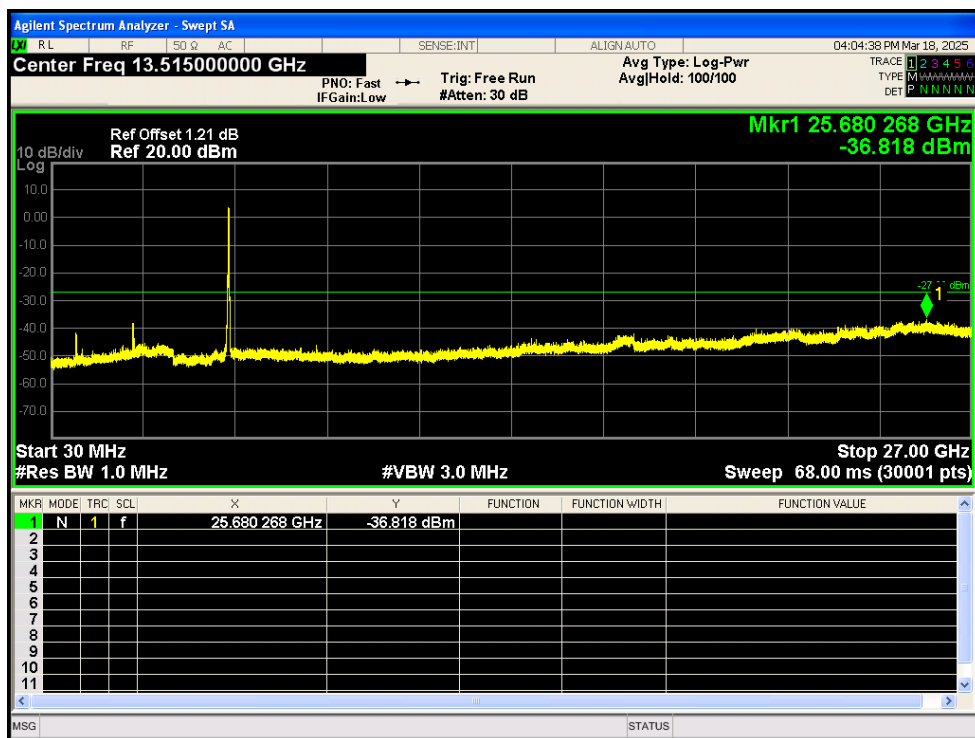
Tx. Spurious NVNT ax40 5230MHz Ant1 Emission



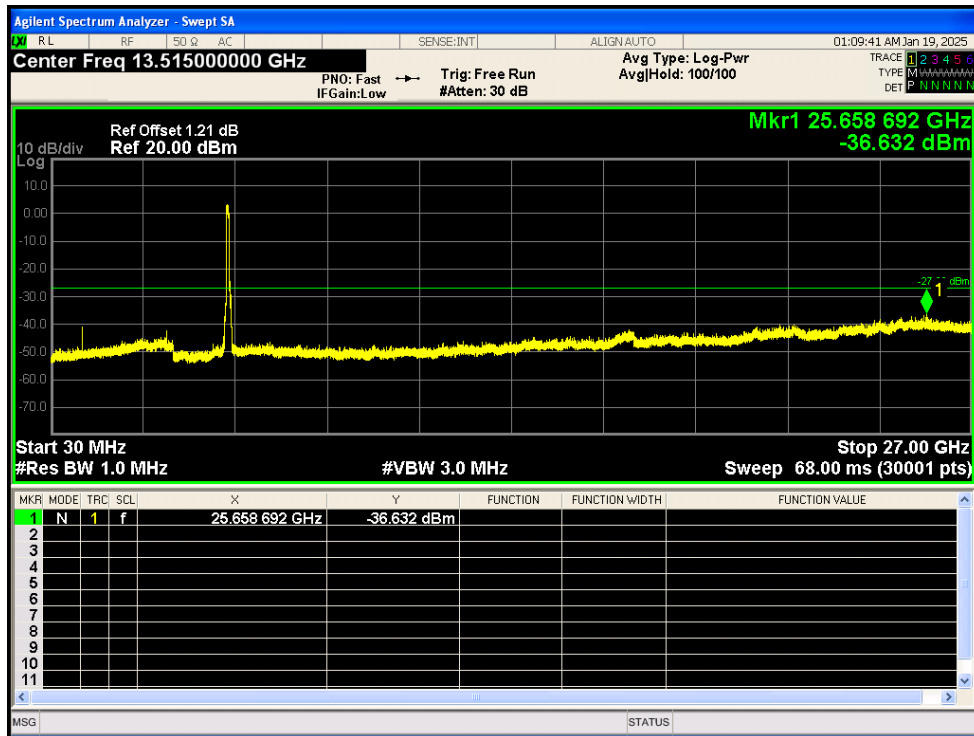
Tx. Spurious NVNT ax40 5190MHz Ant2 Emission



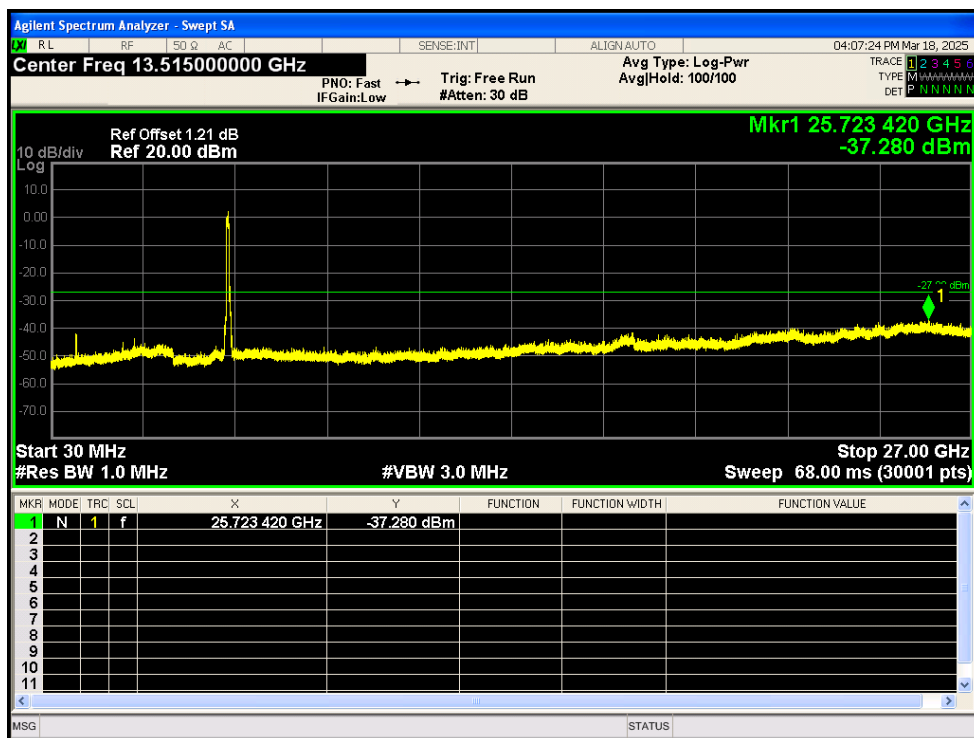
Tx. Spurious NVNT ax40 5230MHz Ant2 Emission



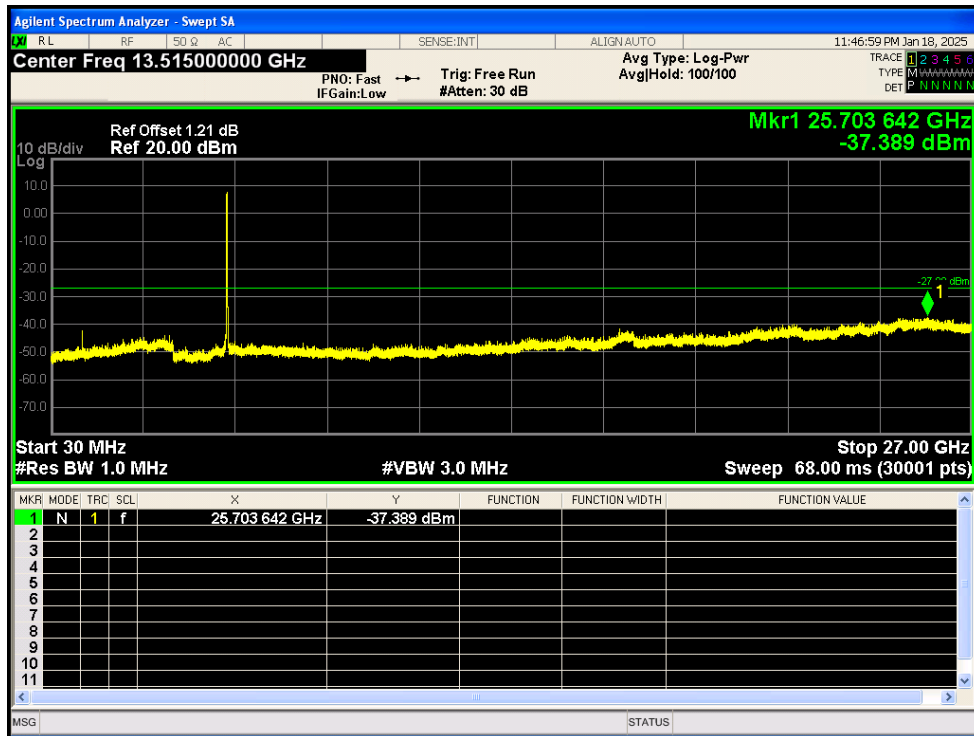
Tx. Spurious NVNT ax80 5210MHz Ant1 Emission



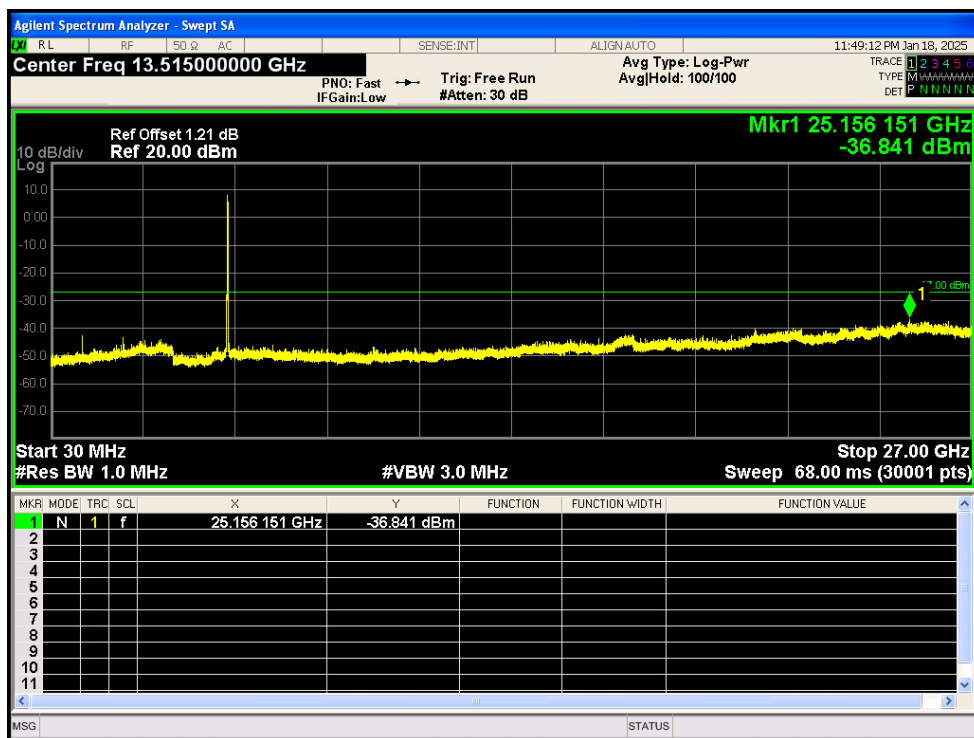
Tx. Spurious NVNT ax80 5210MHz Ant2 Emission



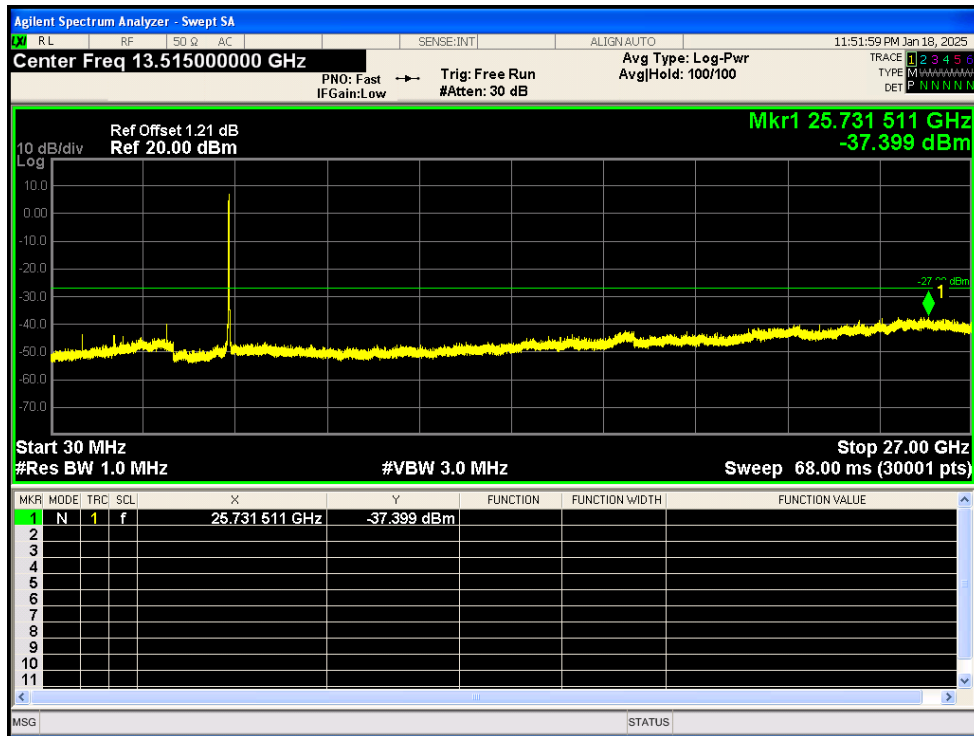
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



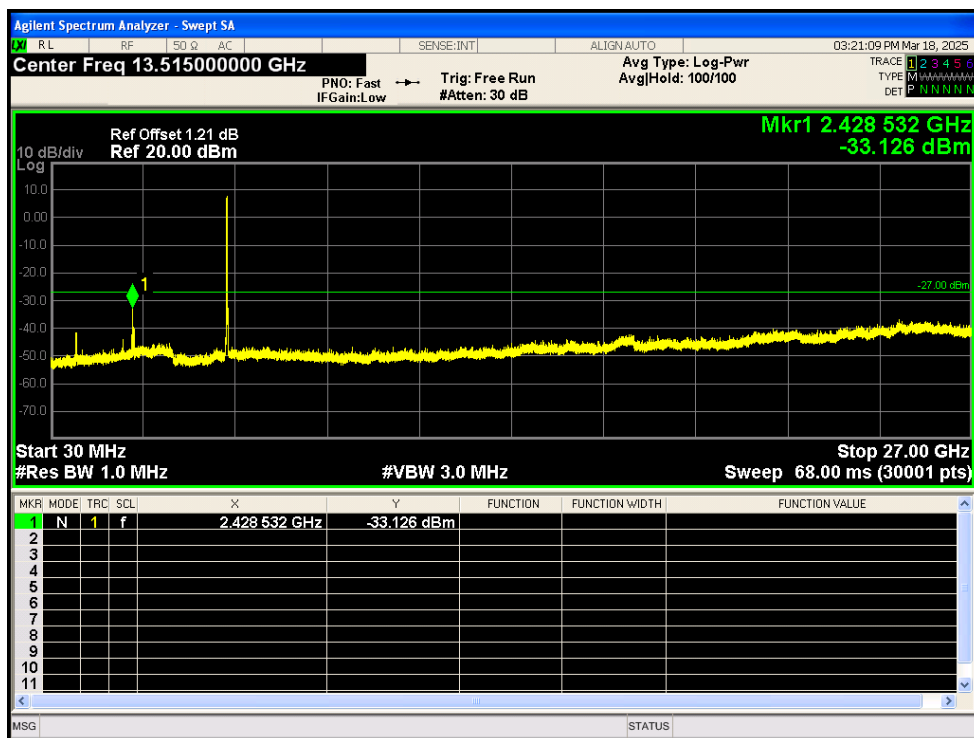
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



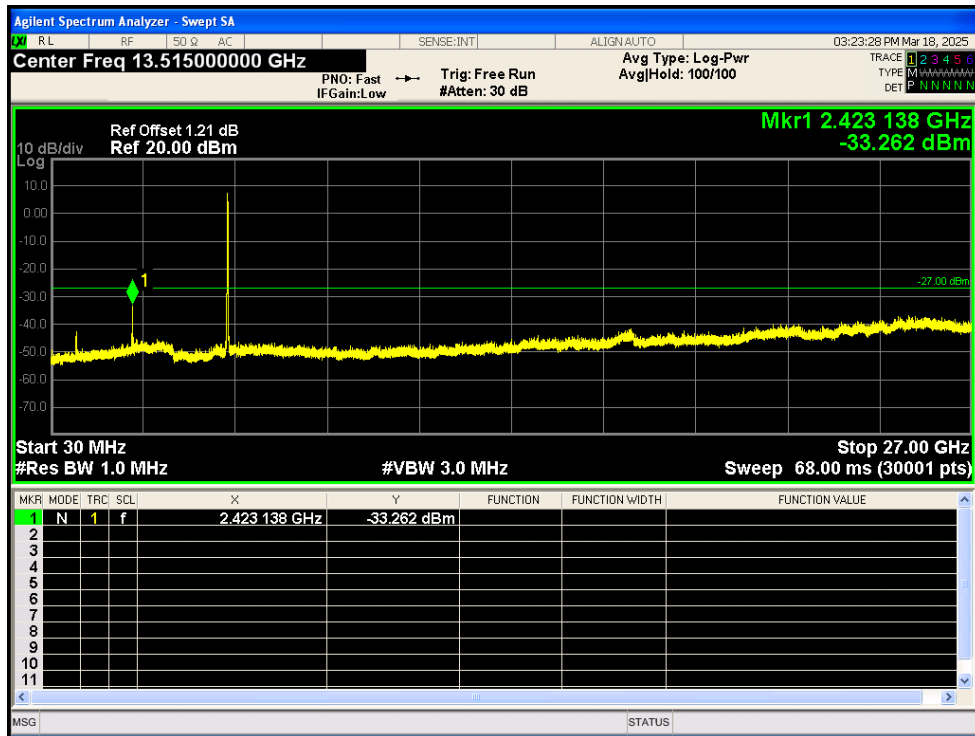
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



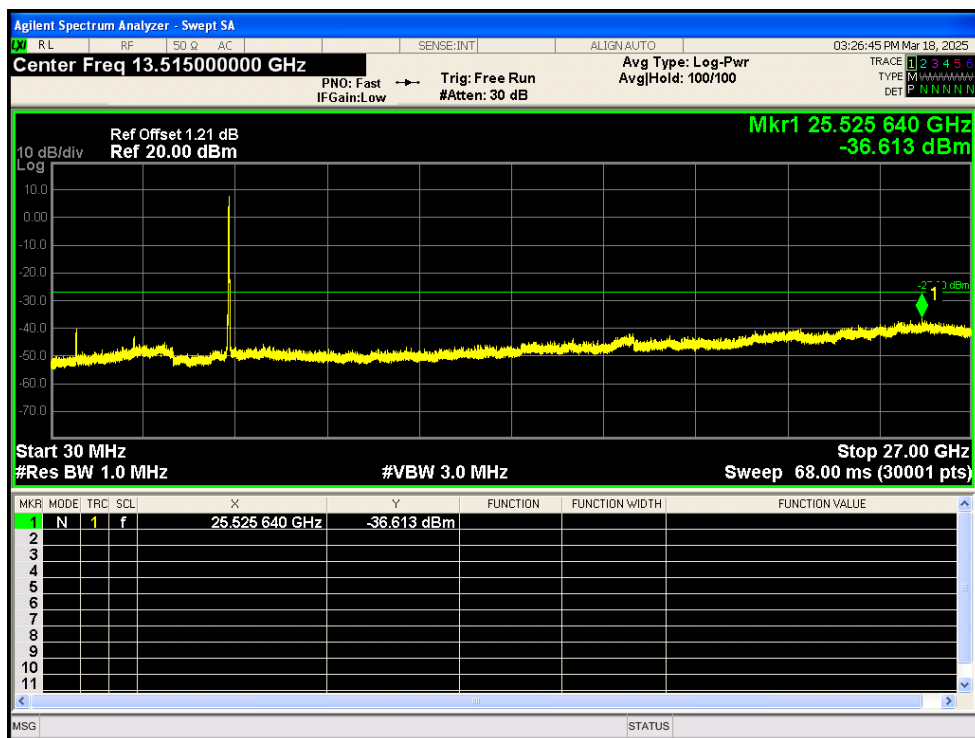
Tx. Spurious NVNT n20 5180MHz Ant2 Emission



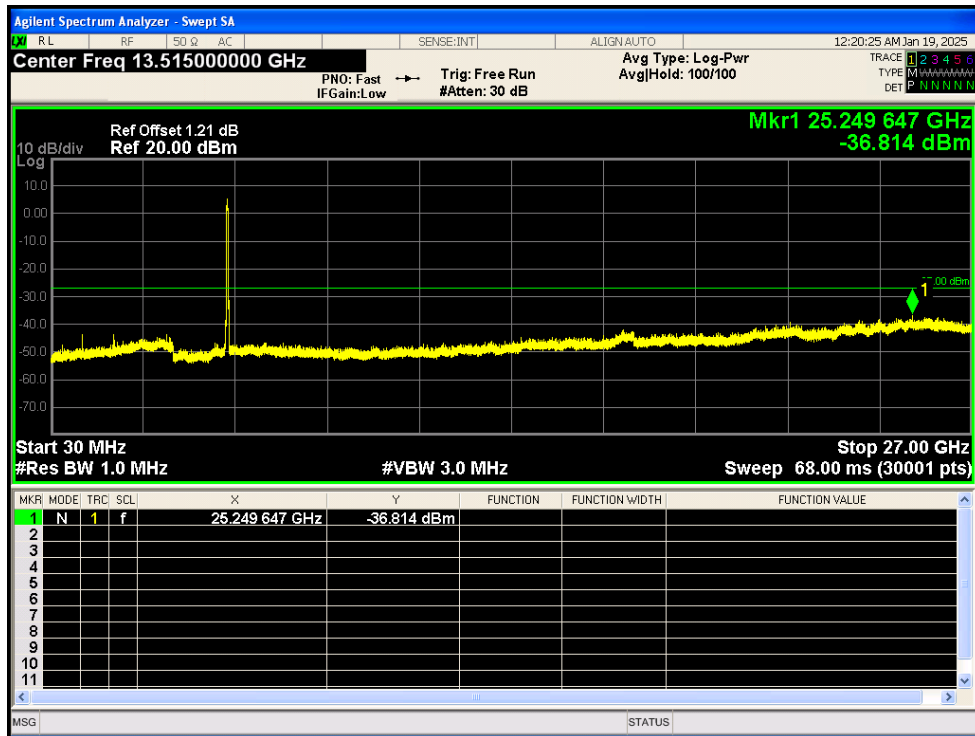
Tx. Spurious NVNT n20 5200MHz Ant2 Emission



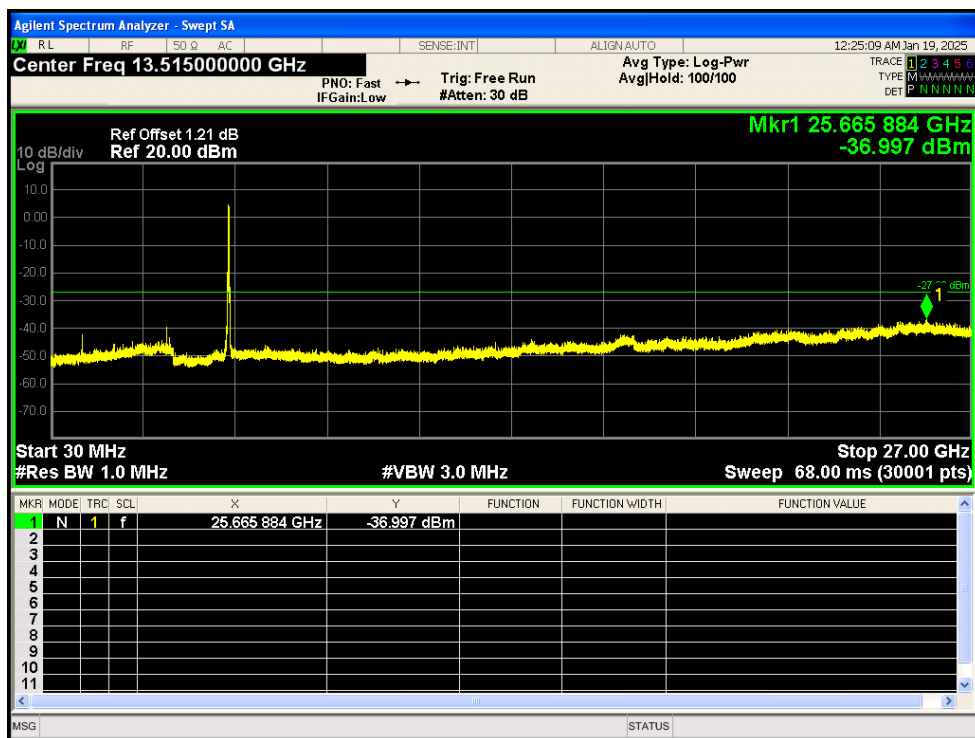
Tx. Spurious NVNT n20 5240MHz Ant2 Emission



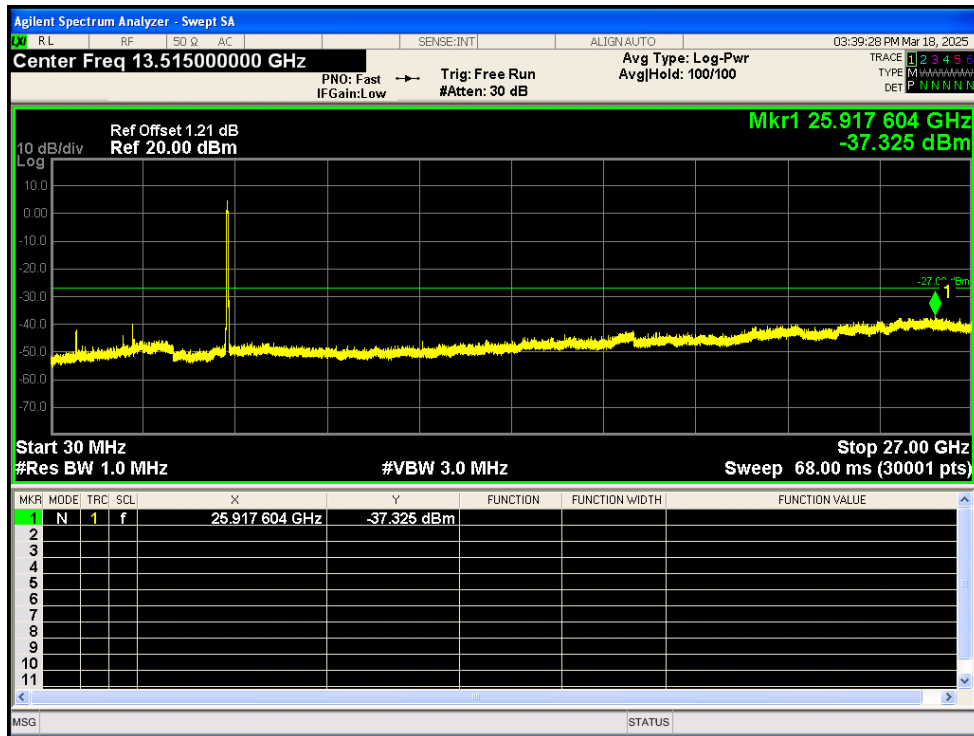
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



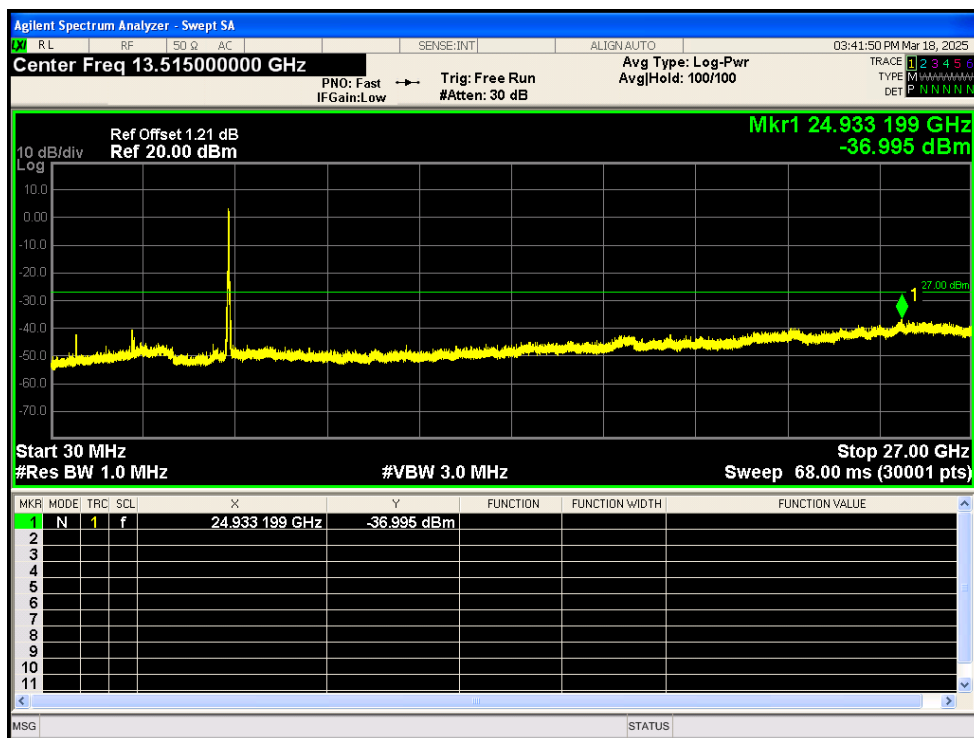
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



Tx. Spurious NVNT n40 5190MHz Ant2 Emission



Tx. Spurious NVNT n40 5230MHz Ant2 Emission



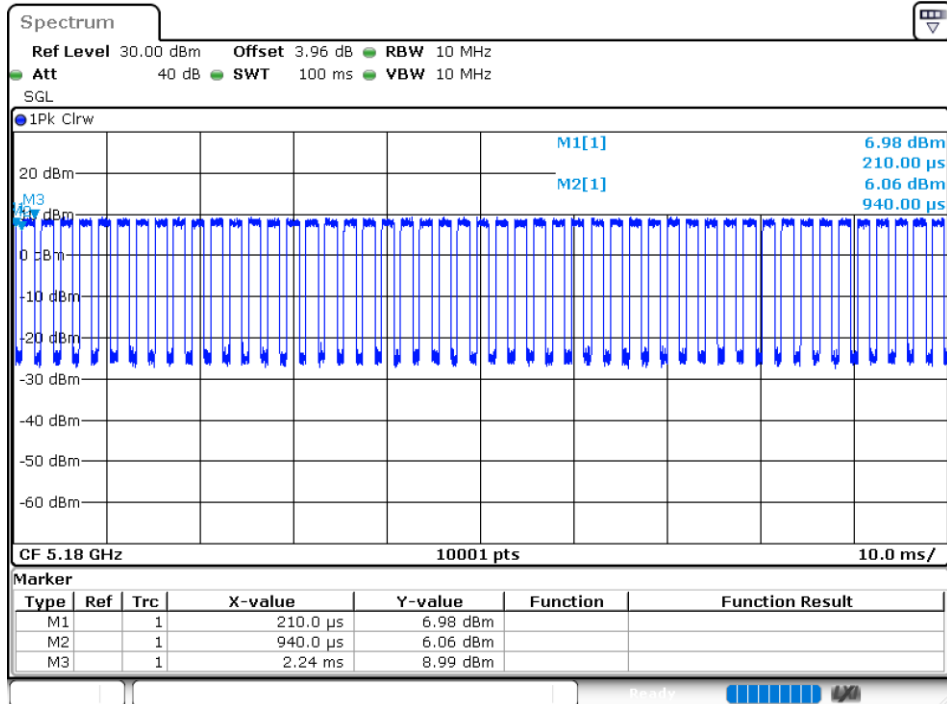
WIFI5.2G MIMO:

Duty Cycle

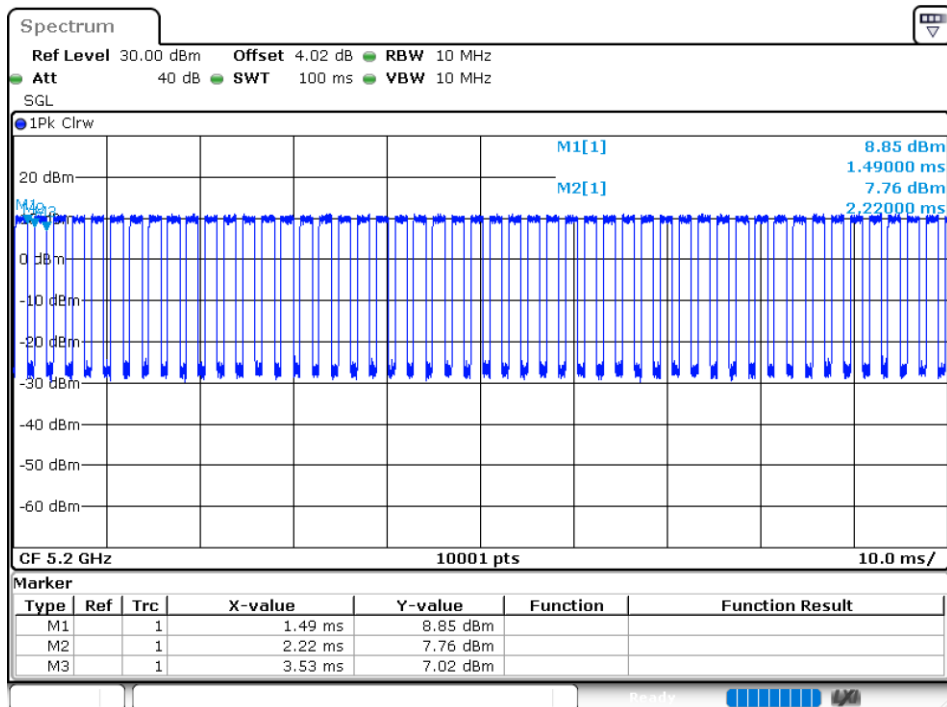
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5180	Sum	64.71	1.89	0.77
NVNT	ac20	5200	Sum	64.89	1.88	0.76
NVNT	ac20	5240	Sum	65.12	1.86	0.76
NVNT	ac40	5190	Sum	49.61	3.04	1.54
NVNT	ac40	5230	Sum	47.77	3.21	1.54
NVNT	ac80	5210	Sum	30.71	5.13	3.23
NVNT	ax20	5180	Sum	59.06	2.29	0.98
NVNT	ax20	5200	Sum	59.05	2.29	0.98
NVNT	ax20	5240	Sum	59.36	2.26	0.99
NVNT	ax40	5190	Sum	46.24	3.35	1.89
NVNT	ax40	5230	Sum	45.83	3.39	∞
NVNT	ax80	5210	Sum	29.38	5.32	∞
NVNT	n20	5180	Sum	65.07	1.87	0.77
NVNT	n20	5200	Sum	64.95	1.87	0.77
NVNT	n20	5240	Sum	66.09	1.8	0.77
NVNT	n40	5190	Sum	47.51	3.23	1.54
NVNT	n40	5230	Sum	49.69	3.04	1.56

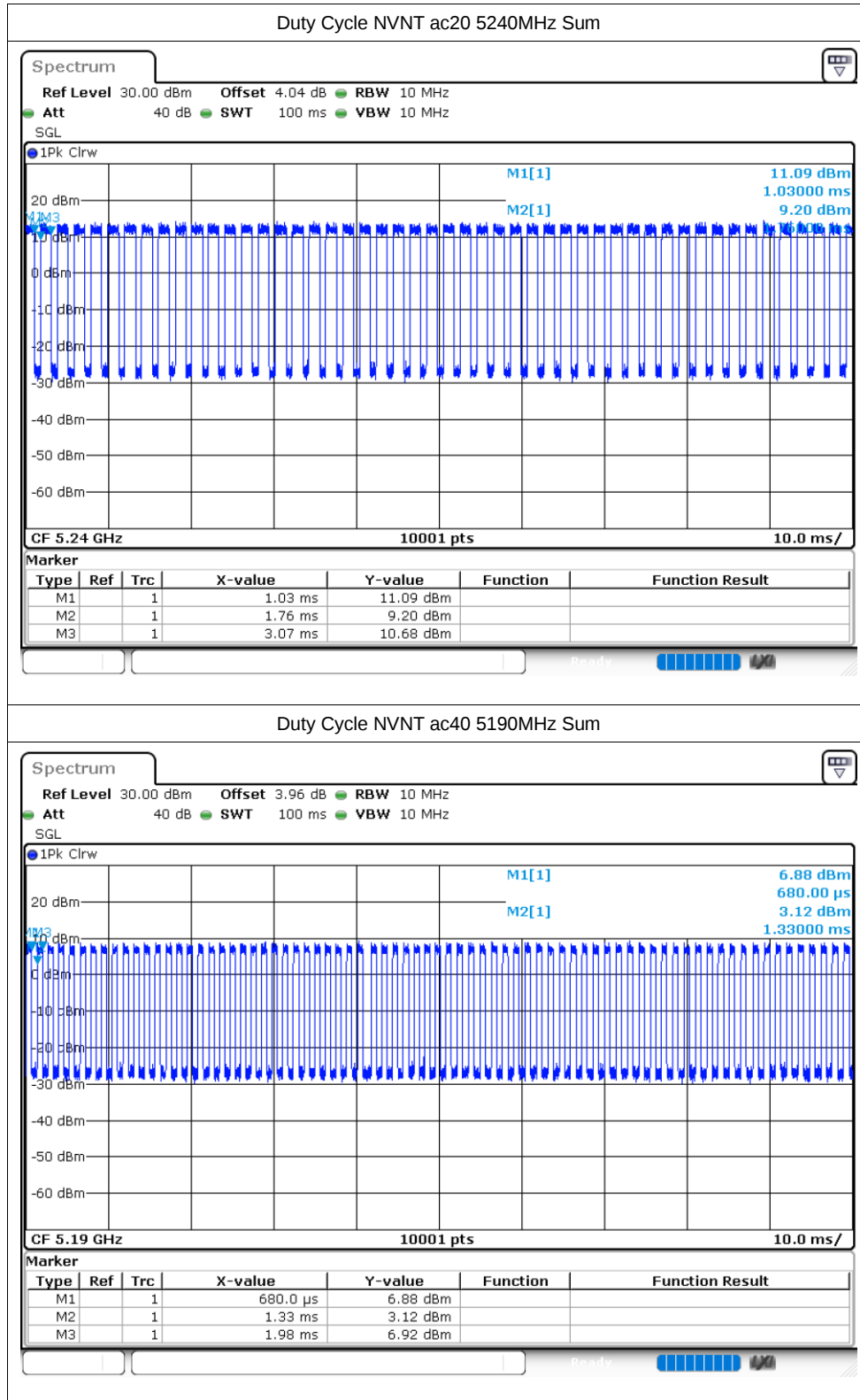
Test Graphs

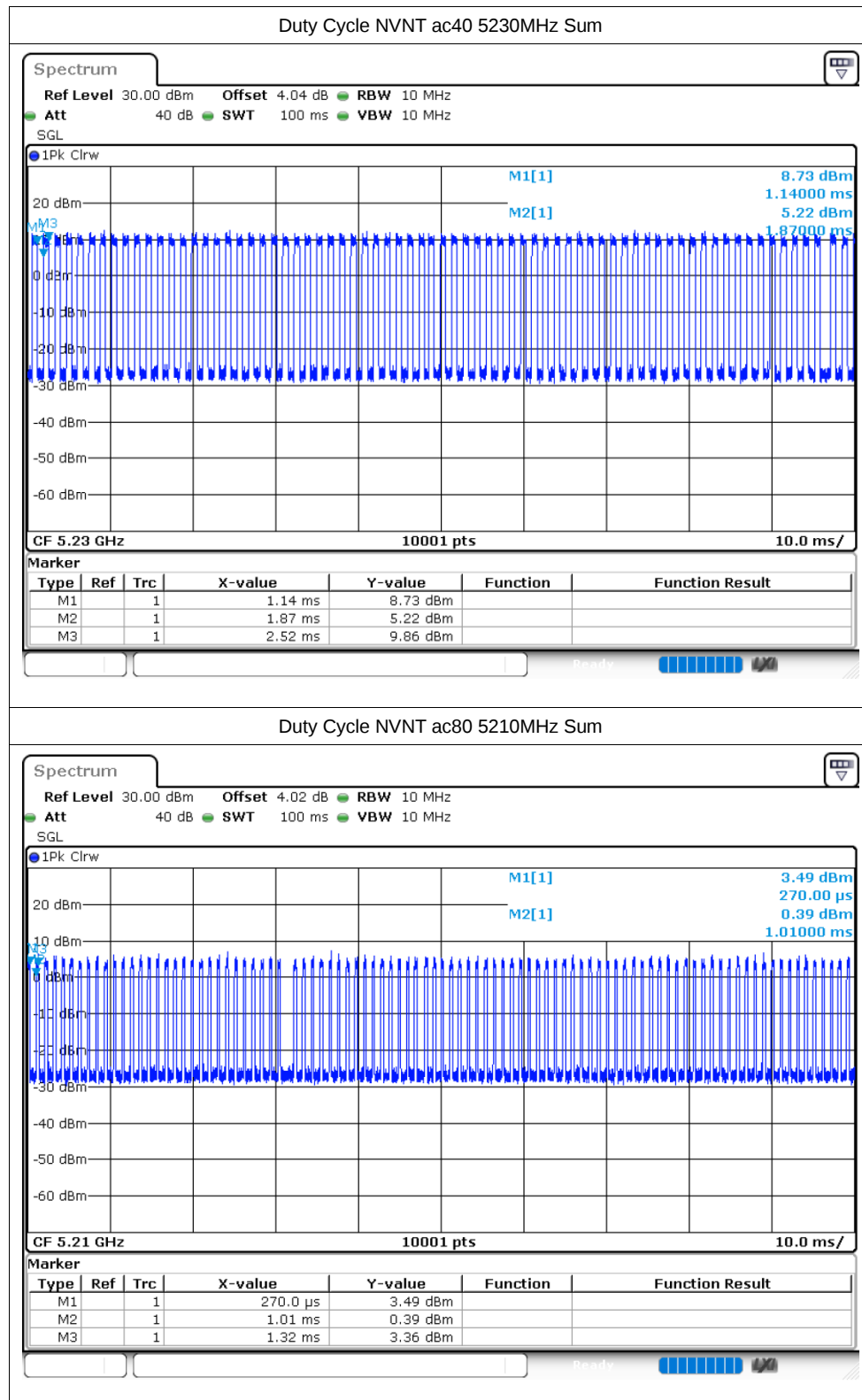
Duty Cycle NVNT ac20 5180MHz Sum

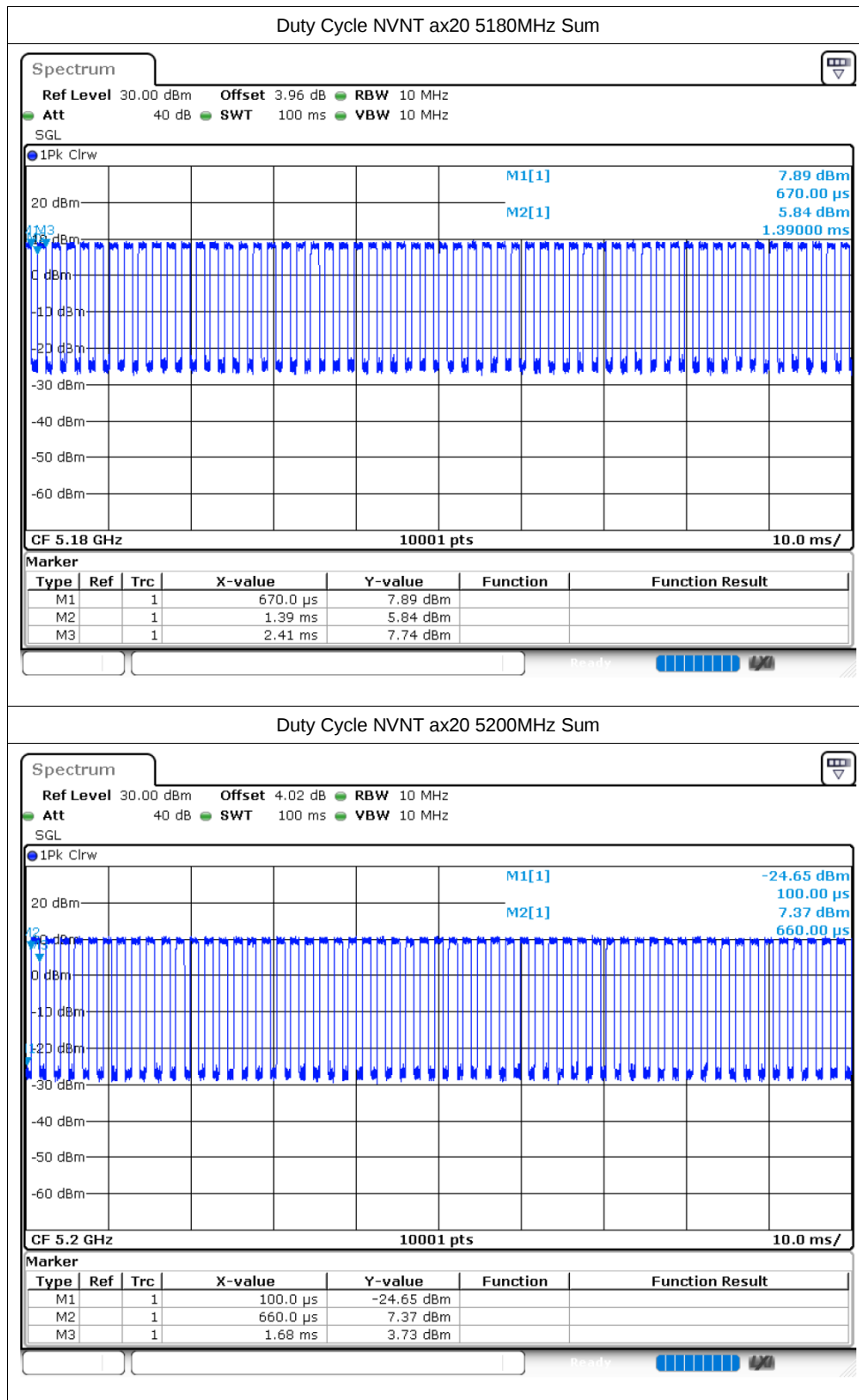


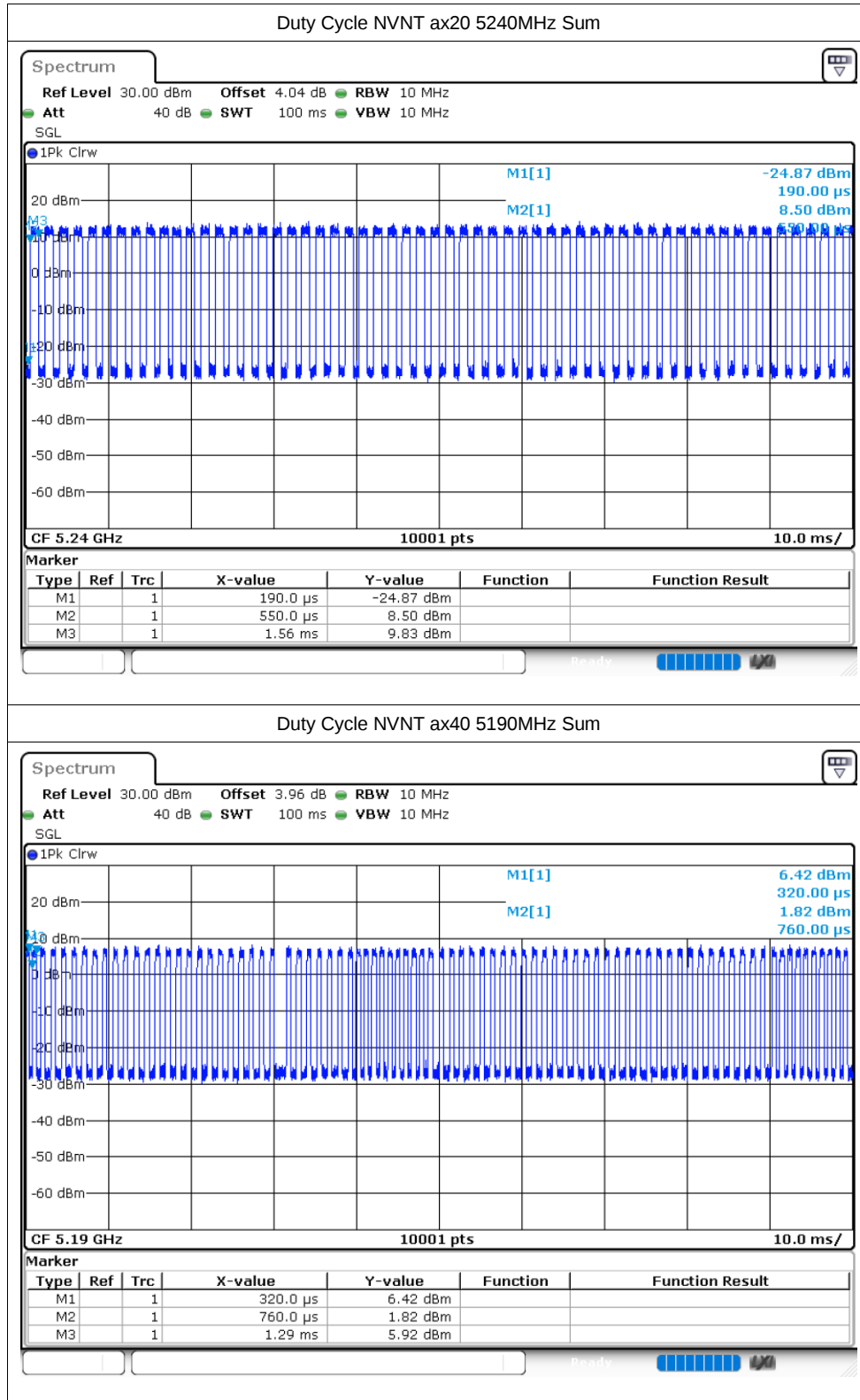
Duty Cycle NVNT ac20 5200MHz Sum

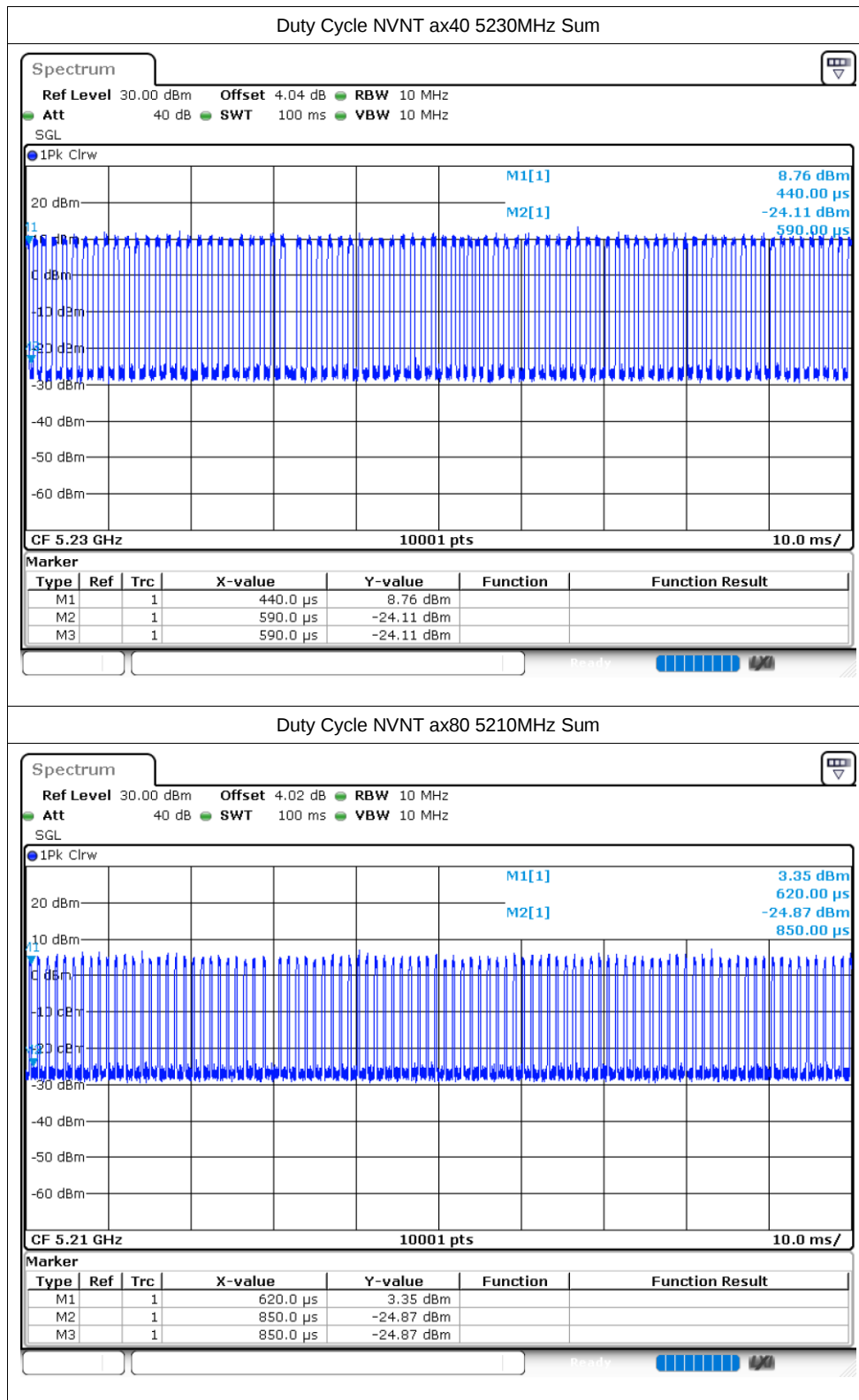


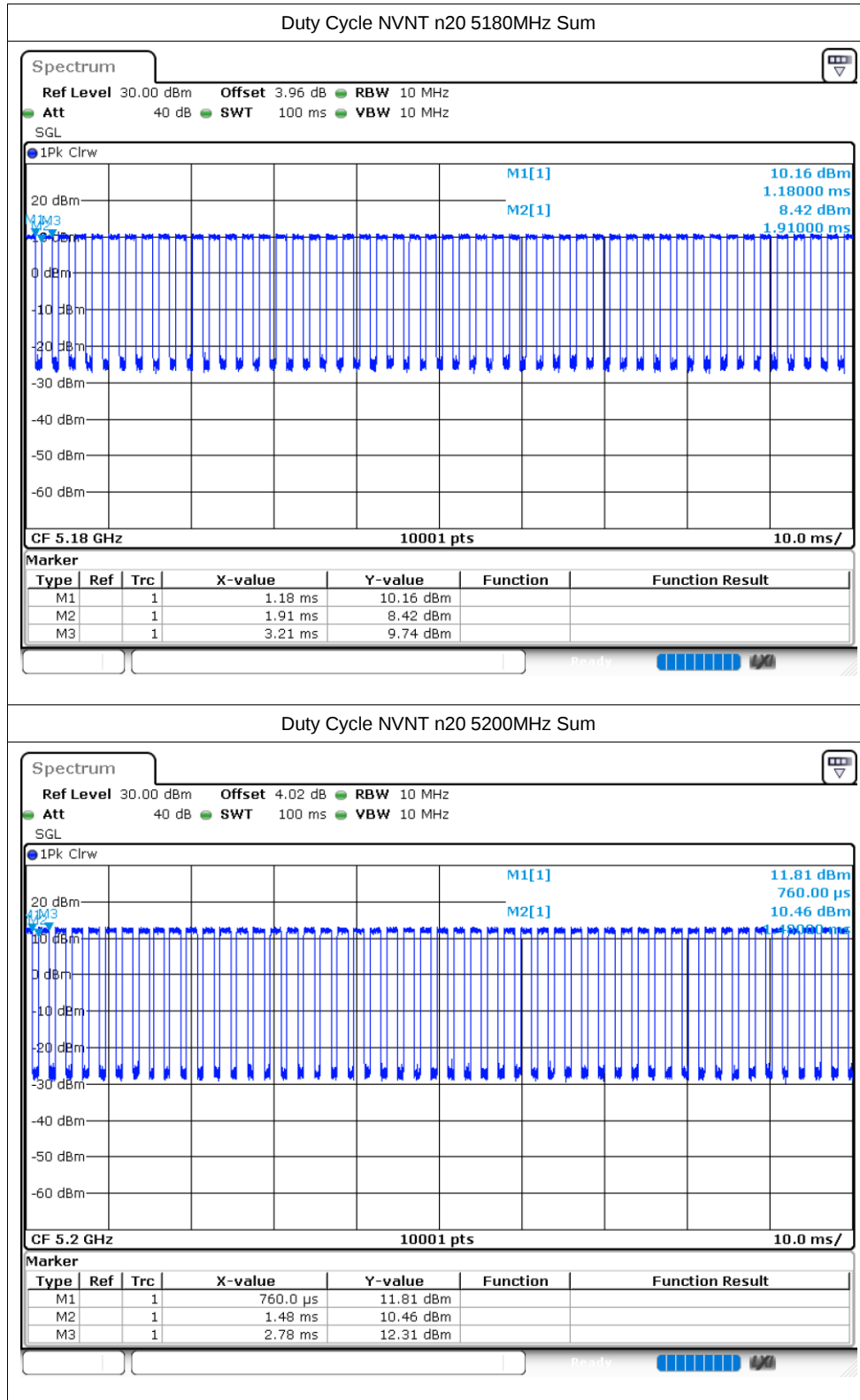


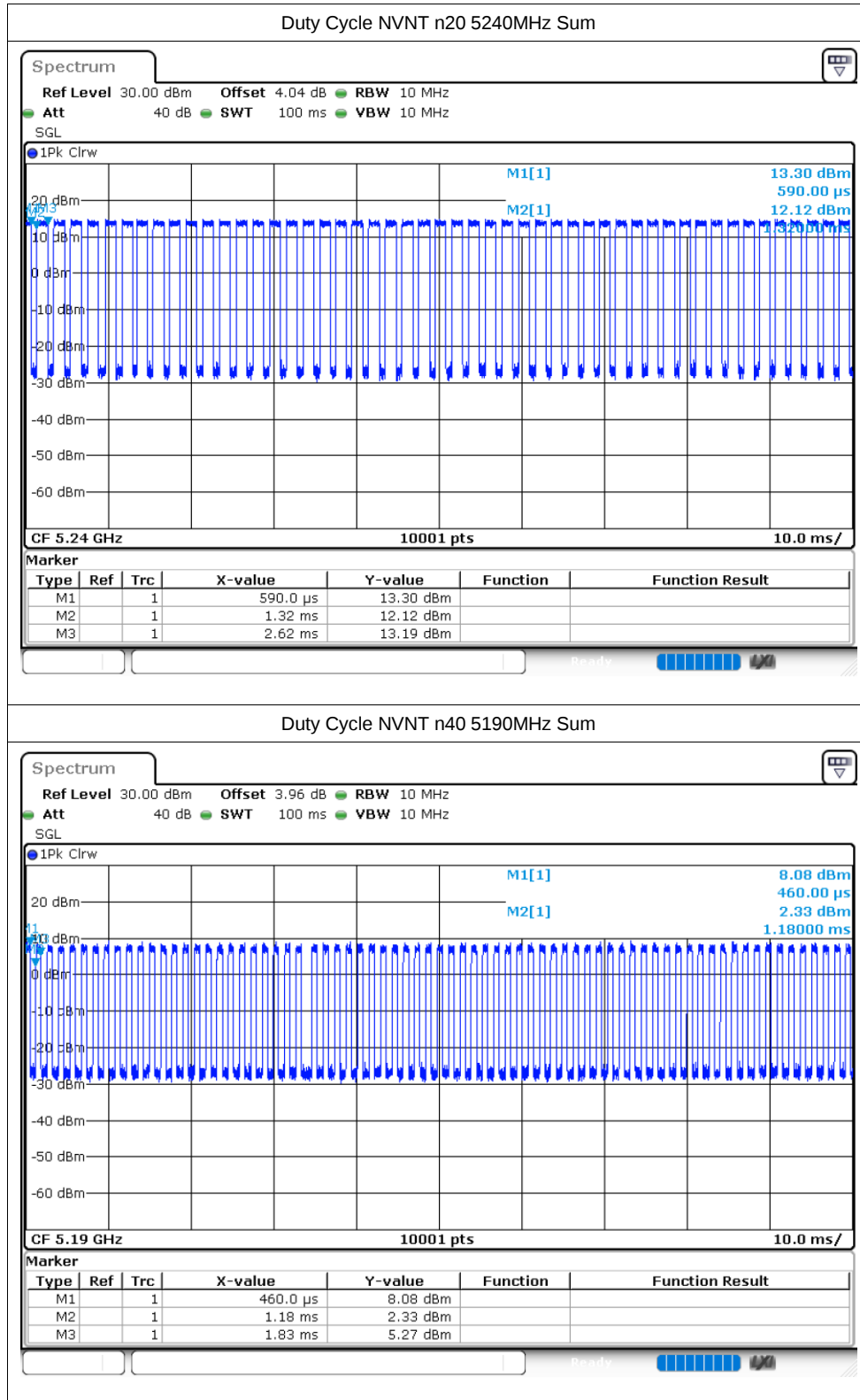


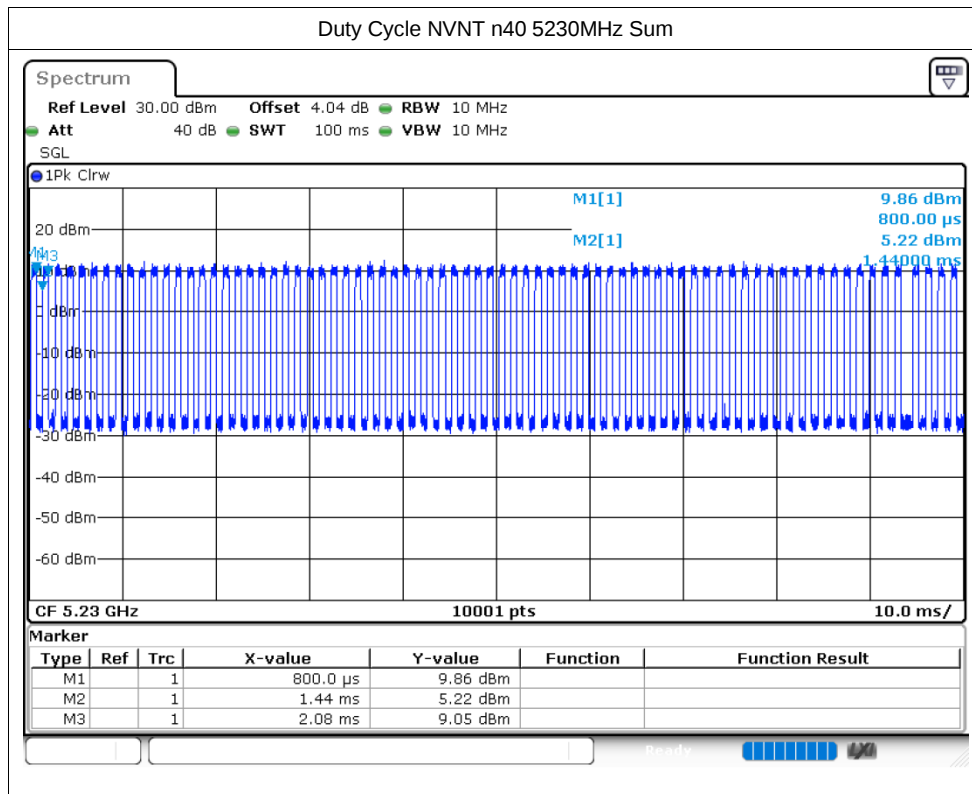












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	5.85	21.82	Pass
NVNT	ac20	5180	Ant2	10.47	21.82	Pass
NVNT	ac20	5180	Sum	11.76	21.82	Pass
NVNT	ac20	5200	Ant1	6.12	21.82	Pass
NVNT	ac20	5200	Ant2	9.95	21.82	Pass
NVNT	ac20	5200	Sum	11.45	21.82	Pass
NVNT	ac20	5240	Ant1	7.35	21.82	Pass
NVNT	ac20	5240	Ant2	8.54	21.82	Pass
NVNT	ac20	5240	Sum	11	21.82	Pass
NVNT	ac40	5190	Ant1	6.15	21.82	Pass
NVNT	ac40	5190	Ant2	10.44	21.82	Pass
NVNT	ac40	5190	Sum	11.81	21.82	Pass
NVNT	ac40	5230	Ant1	7.47	21.82	Pass
NVNT	ac40	5230	Ant2	8.97	21.82	Pass
NVNT	ac40	5230	Sum	11.29	21.82	Pass
NVNT	ac80	5210	Ant1	5.95	21.82	Pass
NVNT	ac80	5210	Ant2	8.52	21.82	Pass
NVNT	ac80	5210	Sum	10.43	21.82	Pass
NVNT	ax20	5180	Ant1	5.86	21.82	Pass
NVNT	ax20	5180	Ant2	10.55	21.82	Pass
NVNT	ax20	5180	Sum	11.82	21.82	Pass
NVNT	ax20	5200	Ant1	5.9	21.82	Pass
NVNT	ax20	5200	Ant2	9.55	21.82	Pass
NVNT	ax20	5200	Sum	11.11	21.82	Pass
NVNT	ax20	5240	Ant1	5.55	21.82	Pass
NVNT	ax20	5240	Ant2	9.18	21.82	Pass
NVNT	ax20	5240	Sum	10.74	21.82	Pass
NVNT	ax40	5190	Ant1	5.33	21.82	Pass
NVNT	ax40	5190	Ant2	9.17	21.82	Pass
NVNT	ax40	5190	Sum	10.67	21.82	Pass
NVNT	ax40	5230	Ant1	6.75	21.82	Pass
NVNT	ax40	5230	Ant2	8.29	21.82	Pass
NVNT	ax40	5230	Sum	10.6	21.82	Pass
NVNT	ax80	5210	Ant1	5.44	21.82	Pass
NVNT	ax80	5210	Ant2	8.35	21.82	Pass
NVNT	ax80	5210	Sum	10.14	21.82	Pass
NVNT	n20	5180	Ant1	8.8	21.82	Pass
NVNT	n20	5180	Ant2	13.09	21.82	Pass
NVNT	n20	5180	Sum	14.46	21.82	Pass
NVNT	n20	5200	Ant1	9.29	21.82	Pass

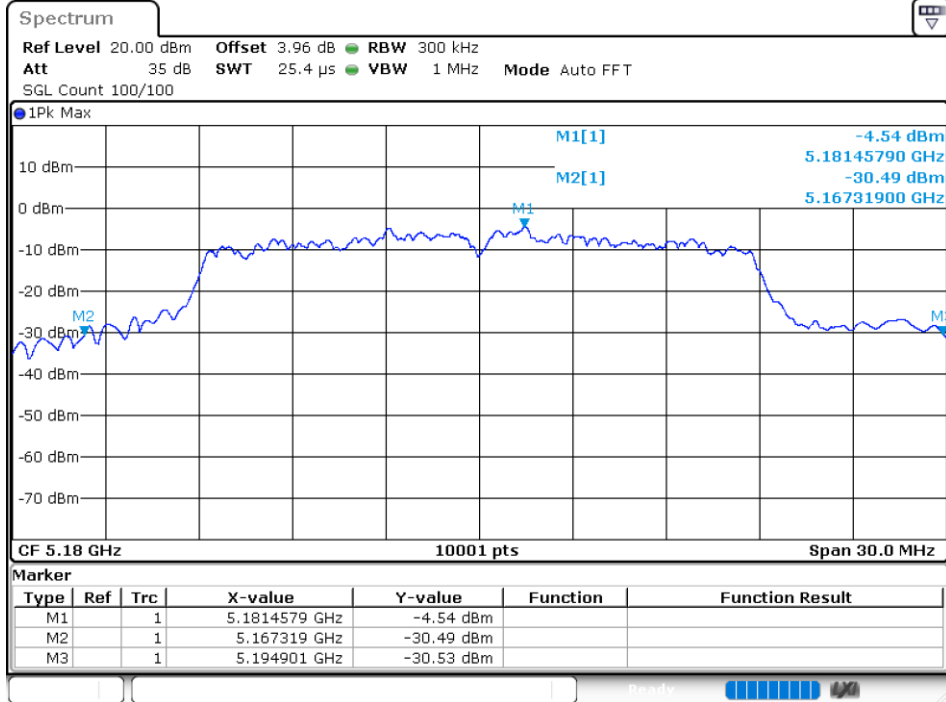
NVNT	n20	5200	Ant2	12.78	21.82	Pass
NVNT	n20	5200	Sum	14.39	21.82	Pass
NVNT	n20	5240	Ant1	9.85	21.82	Pass
NVNT	n20	5240	Ant2	10.97	21.82	Pass
NVNT	n20	5240	Sum	13.46	21.82	Pass
NVNT	n40	5190	Ant1	6.15	21.82	Pass
NVNT	n40	5190	Ant2	10.42	21.82	Pass
NVNT	n40	5190	Sum	11.8	21.82	Pass
NVNT	n40	5230	Ant1	7.25	21.82	Pass
NVNT	n40	5230	Ant2	8.88	21.82	Pass
NVNT	n40	5230	Sum	11.15	21.82	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	ac20	5180	Ant1	27.582	0.5	Pass
NVNT	ac20	5180	Ant2	26.667	0.5	Pass
NVNT	ac20	5200	Ant1	24.534	0.5	Pass
NVNT	ac20	5200	Ant2	27.21	0.5	Pass
NVNT	ac20	5240	Ant1	19.776	0.5	Pass
NVNT	ac20	5240	Ant2	21.336	0.5	Pass
NVNT	ac40	5190	Ant1	54.054	0.5	Pass
NVNT	ac40	5190	Ant2	52.902	0.5	Pass
NVNT	ac40	5230	Ant1	42.486	0.5	Pass
NVNT	ac40	5230	Ant2	41.328	0.5	Pass
NVNT	ac80	5210	Ant1	107.088	0	Pass
NVNT	ac80	5210	Ant2	109.764	0	Pass
NVNT	ax20	5180	Ant1	24.186	0.5	Pass
NVNT	ax20	5180	Ant2	26.103	0.5	Pass
NVNT	ax20	5200	Ant1	21.345	0.5	Pass
NVNT	ax20	5200	Ant2	22.308	0.5	Pass
NVNT	ax20	5240	Ant1	20.697	0.5	Pass
NVNT	ax20	5240	Ant2	20.895	0.5	Pass
NVNT	ax40	5190	Ant1	52.44	0.5	Pass
NVNT	ax40	5190	Ant2	51.606	0.5	Pass
NVNT	ax40	5230	Ant1	39.564	0.5	Pass
NVNT	ax40	5230	Ant2	40.44	0.5	Pass
NVNT	ax80	5210	Ant1	96.048	0.5	Pass
NVNT	ax80	5210	Ant2	96.672	0.5	Pass
NVNT	n20	5180	Ant1	29.52	0.5	Pass
NVNT	n20	5180	Ant2	28.965	0.5	Pass
NVNT	n20	5200	Ant1	26.619	0.5	Pass
NVNT	n20	5200	Ant2	30	0.5	Pass
NVNT	n20	5240	Ant1	25.692	0.5	Pass
NVNT	n20	5240	Ant2	29.46	0.5	Pass
NVNT	n40	5190	Ant1	55.446	0	Pass
NVNT	n40	5190	Ant2	50.796	0	Pass
NVNT	n40	5230	Ant1	53.916	0.5	Pass
NVNT	n40	5230	Ant2	53.886	0.5	Pass

Test Graphs

-26dB Bandwidth NVNT ac20 5180MHz Ant1



-26dB Bandwidth NVNT ac20 5180MHz Ant2

