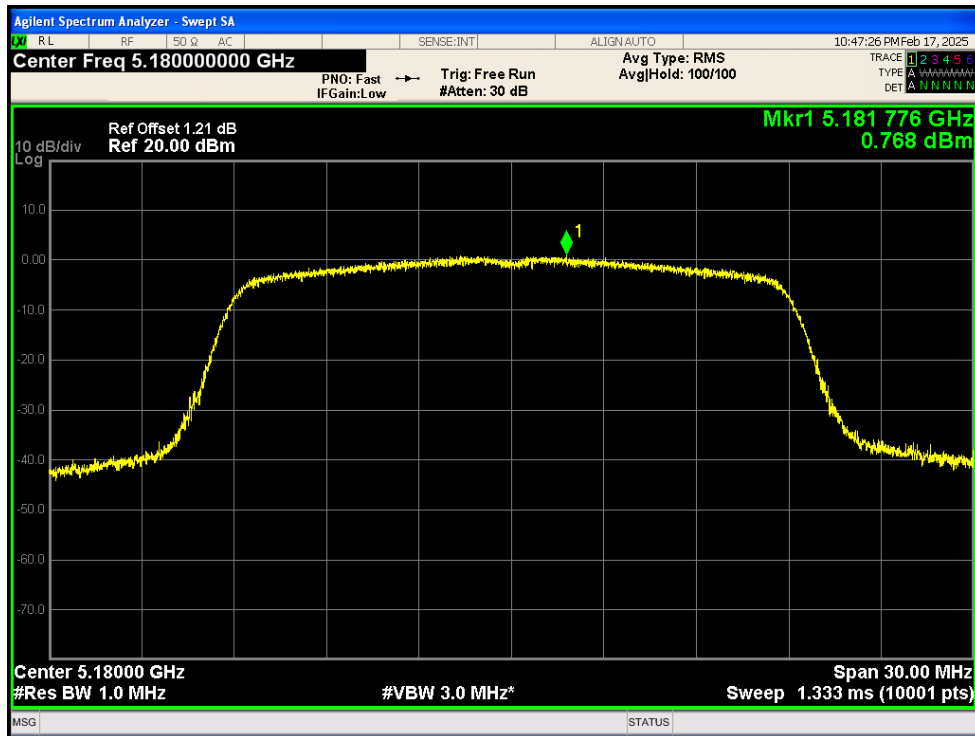
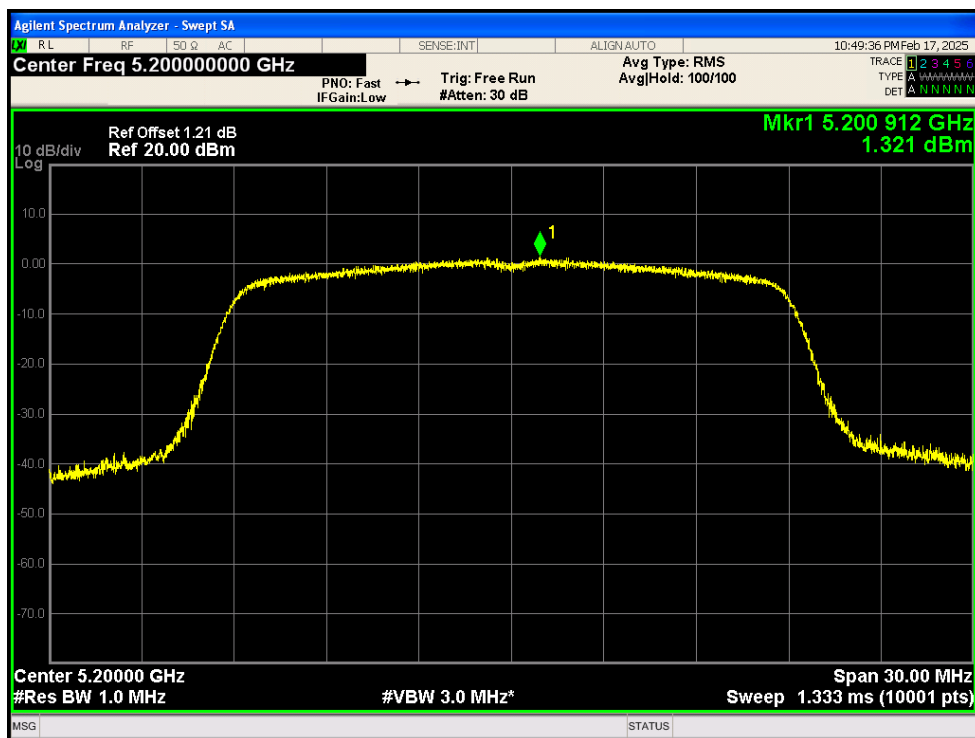
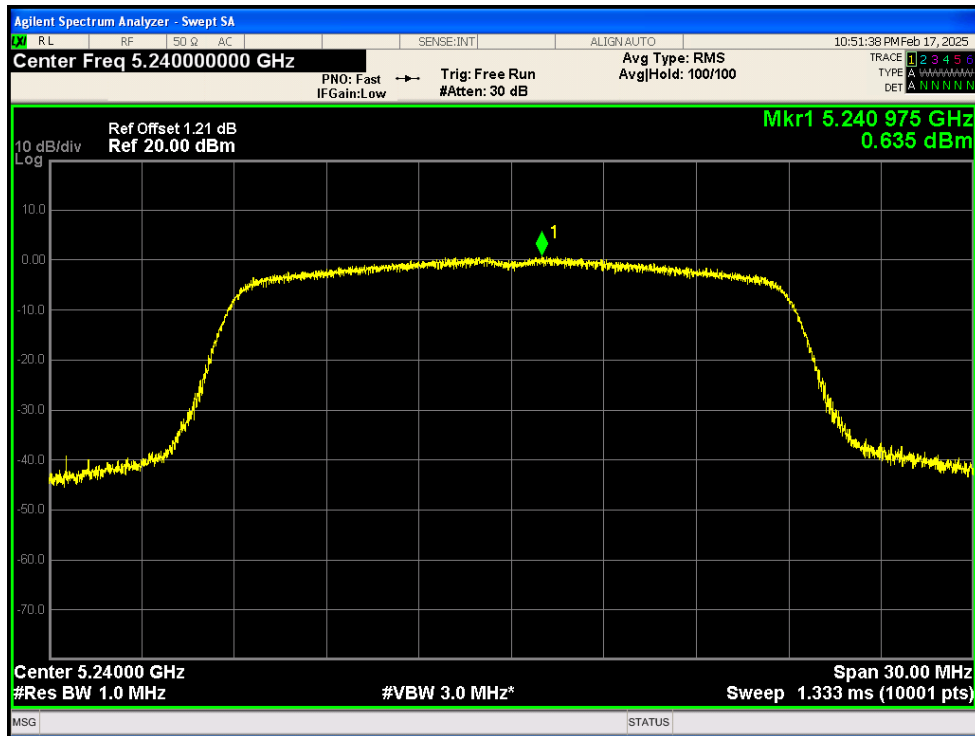




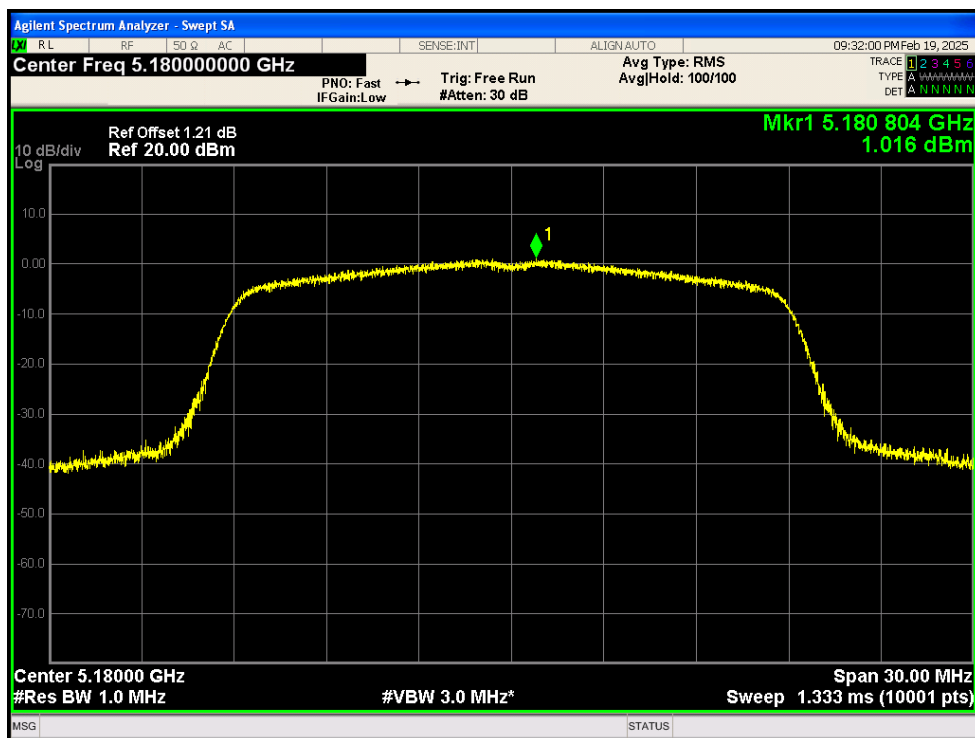
PSD NVNT n20 5200MHz Ant1



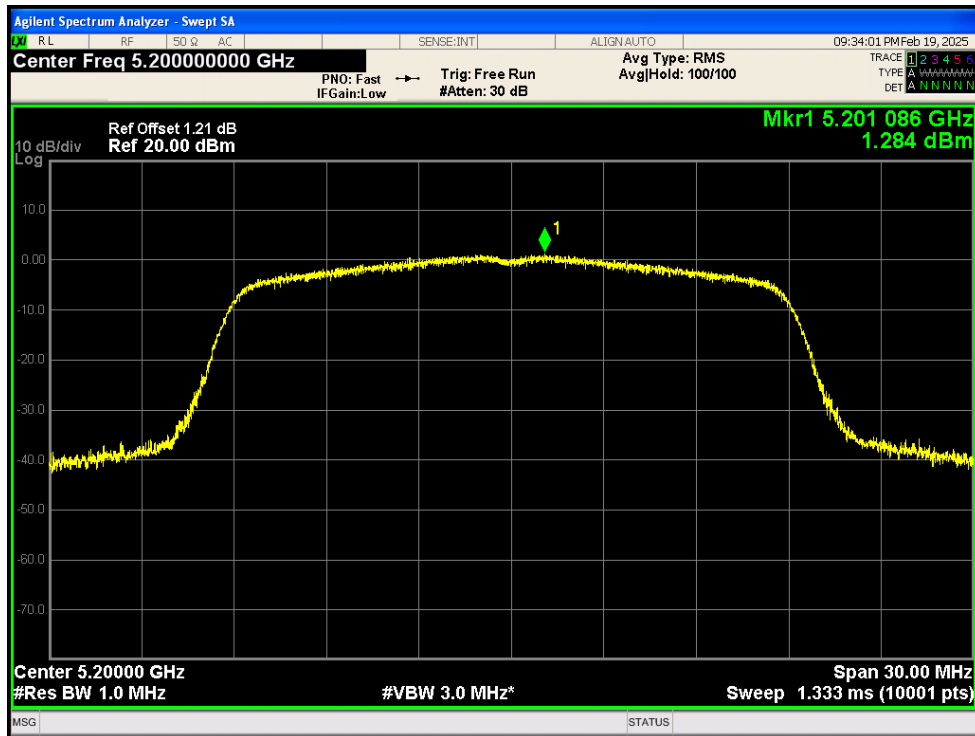
PSD NVNT n20 5240MHz Ant1



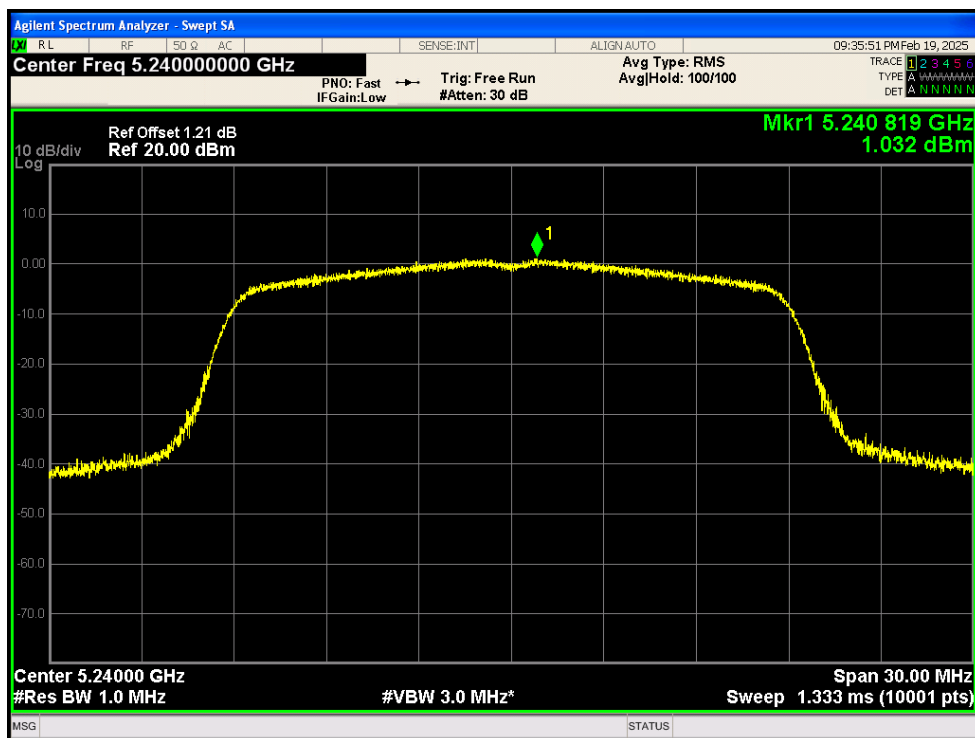
PSD NVNT n20 5180MHz Ant2



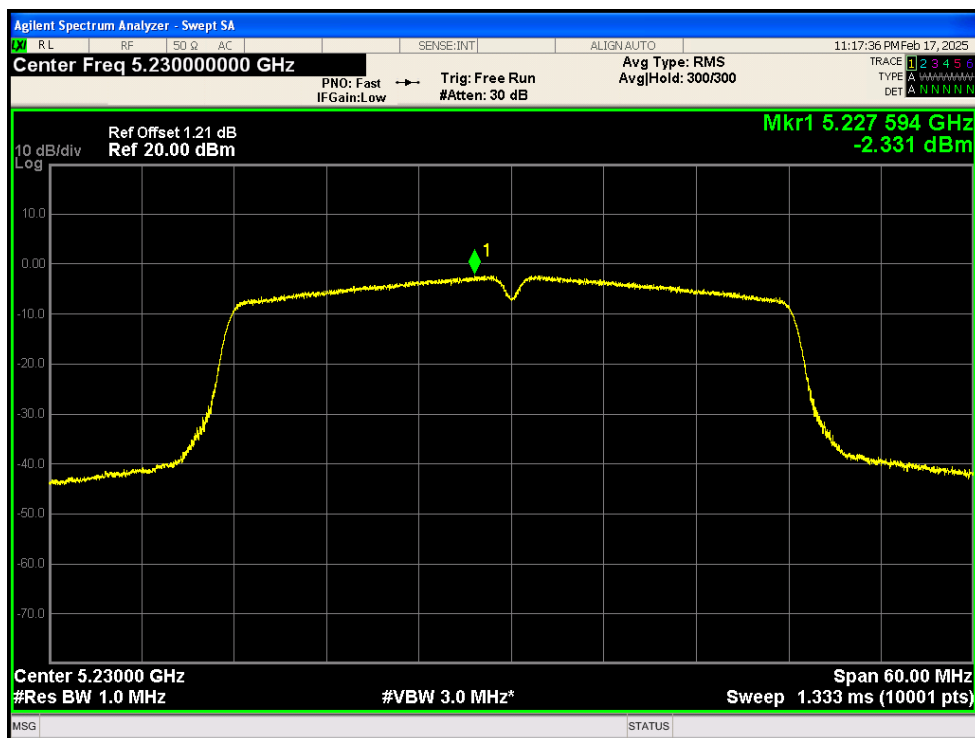
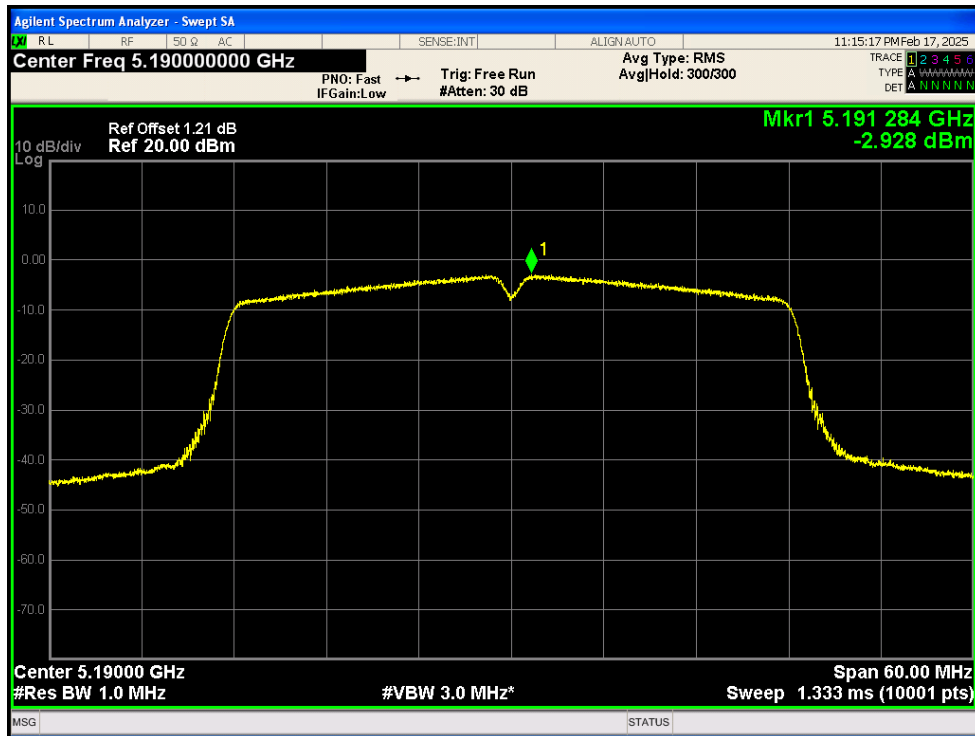
PSD NVNT n20 5200MHz Ant2

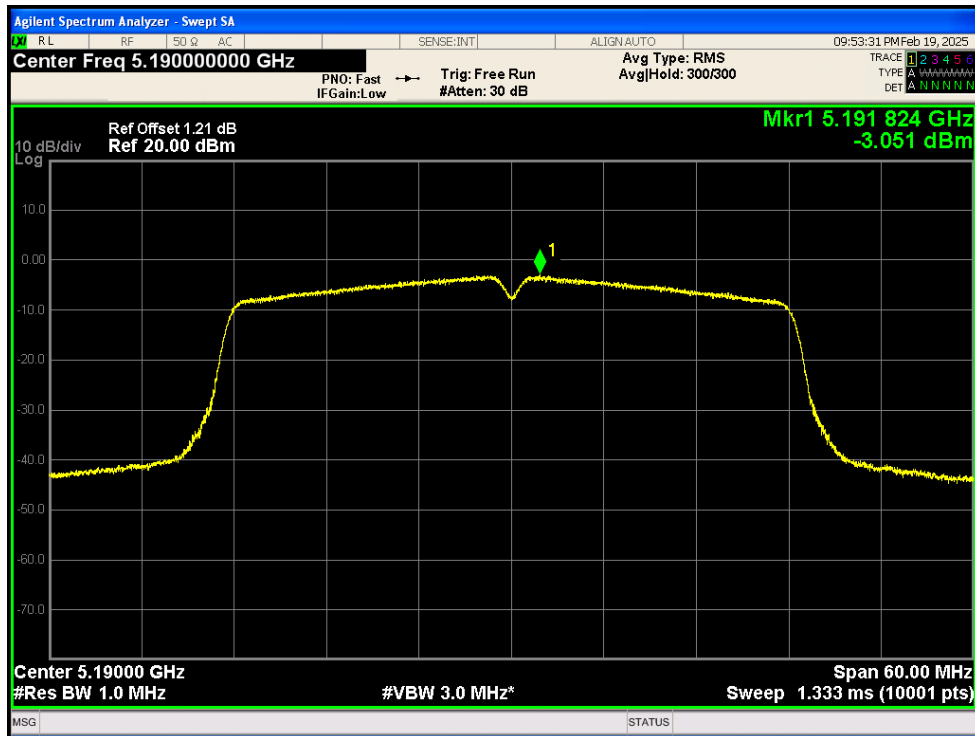


PSD NVNT n20 5240MHz Ant2

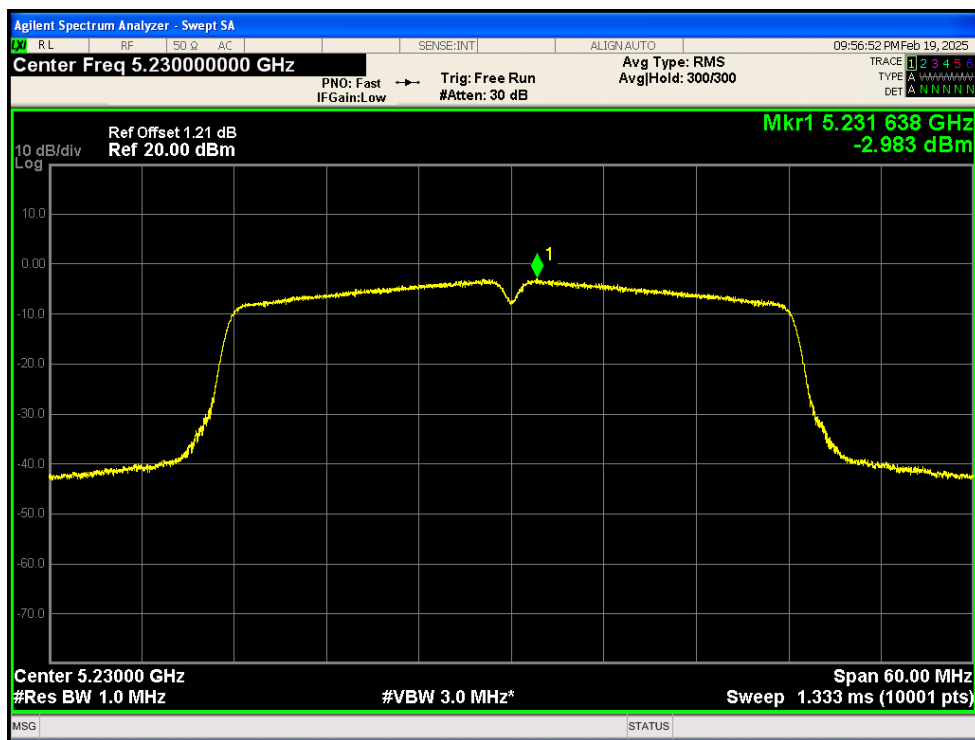


PSD NVNT n40 5190MHz Ant1





PSD NVNT n40 5230MHz Ant2

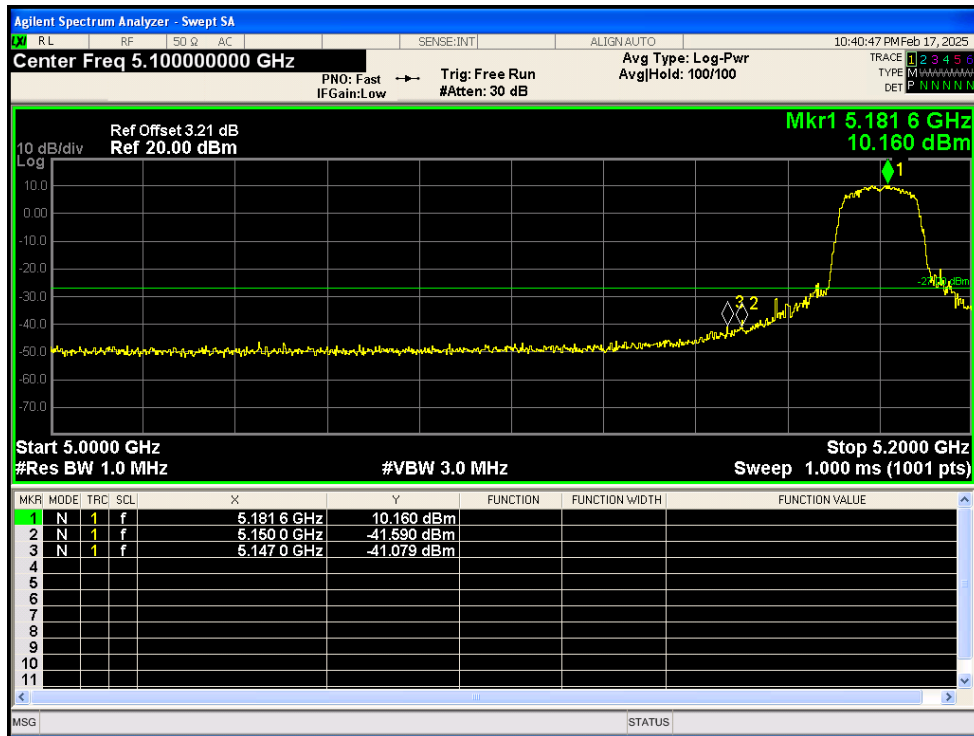


Band Edge

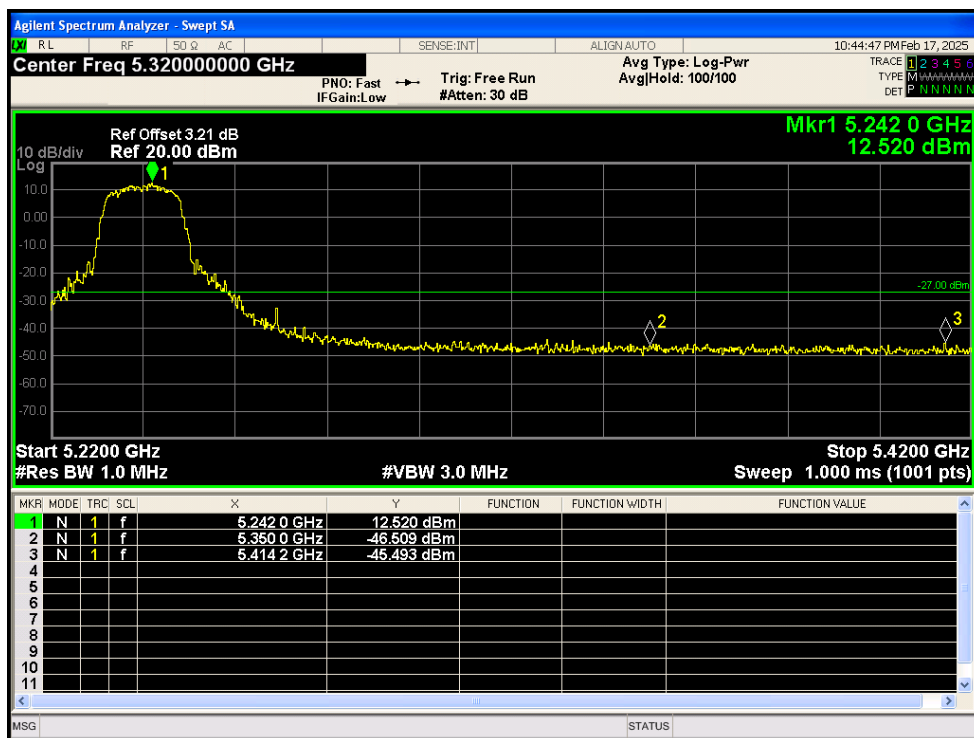
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-41.07	-27	Pass
NVNT	a	5240	Ant1	-45.49	-27	Pass
NVNT	a	5180	Ant2	-40.55	-27	Pass
NVNT	a	5240	Ant2	-45.11	-27	Pass
NVNT	ac20	5180	Ant1	-39.84	-27	Pass

NVNT	ac20	5240	Ant1	-44.61	-27	Pass
NVNT	ac20	5180	Ant2	-38.55	-27	Pass
NVNT	ac20	5240	Ant2	-45.39	-27	Pass
NVNT	ac40	5190	Ant1	-35.64	-27	Pass
NVNT	ac40	5230	Ant1	-45.15	-27	Pass
NVNT	ac40	5190	Ant2	-33.37	-27	Pass
NVNT	ac40	5230	Ant2	-45.21	-27	Pass
NVNT	ac80	5210	Ant1	-44.83	-27	Pass
NVNT	ac80	5210	Ant2	-44.69	-27	Pass
NVNT	ax20	5180	Ant1	-31.29	-27	Pass
NVNT	ax20	5240	Ant1	-45.11	-27	Pass
NVNT	ax20	5180	Ant2	-41.13	-27	Pass
NVNT	ax20	5240	Ant2	-44.58	-27	Pass
NVNT	ax40	5190	Ant1	-31.33	-27	Pass
NVNT	ax40	5230	Ant1	-45.44	-27	Pass
NVNT	ax40	5190	Ant2	-29.7	-27	Pass
NVNT	ax40	5230	Ant2	-45.51	-27	Pass
NVNT	ax80	5210	Ant1	-44.3	-27	Pass
NVNT	ax80	5210	Ant2	-44.37	-27	Pass
NVNT	n20	5180	Ant1	-39.67	-27	Pass
NVNT	n20	5240	Ant1	-44.57	-27	Pass
NVNT	n20	5180	Ant2	-40.03	-27	Pass
NVNT	n20	5240	Ant2	-44.95	-27	Pass
NVNT	n40	5190	Ant1	-36.25	-27	Pass
NVNT	n40	5230	Ant1	-45.62	-27	Pass
NVNT	n40	5190	Ant2	-34.47	-27	Pass
NVNT	n40	5230	Ant2	-45.36	-27	Pass

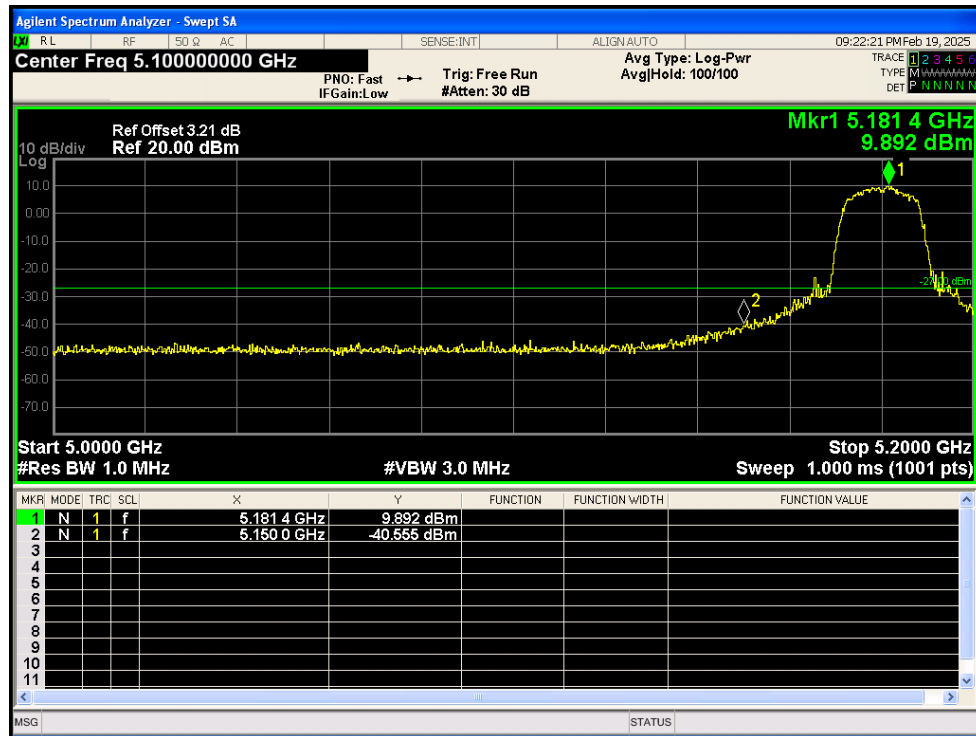
Band Edge NVNT a 5180MHz Low Ant1



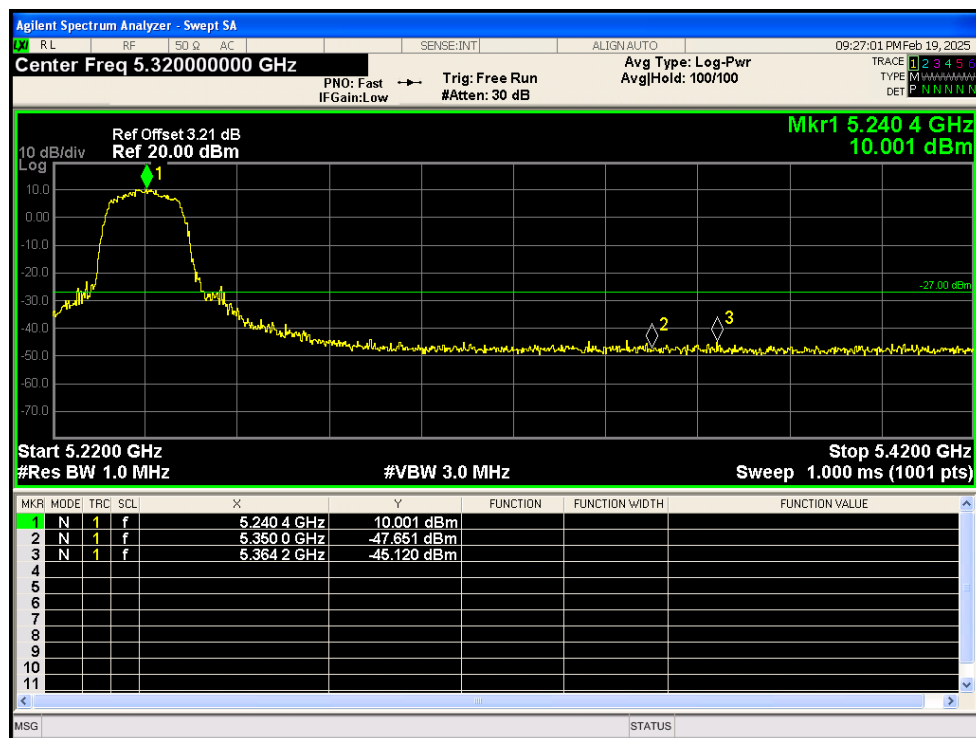
Band Edge NVNT a 5240MHz High Ant1



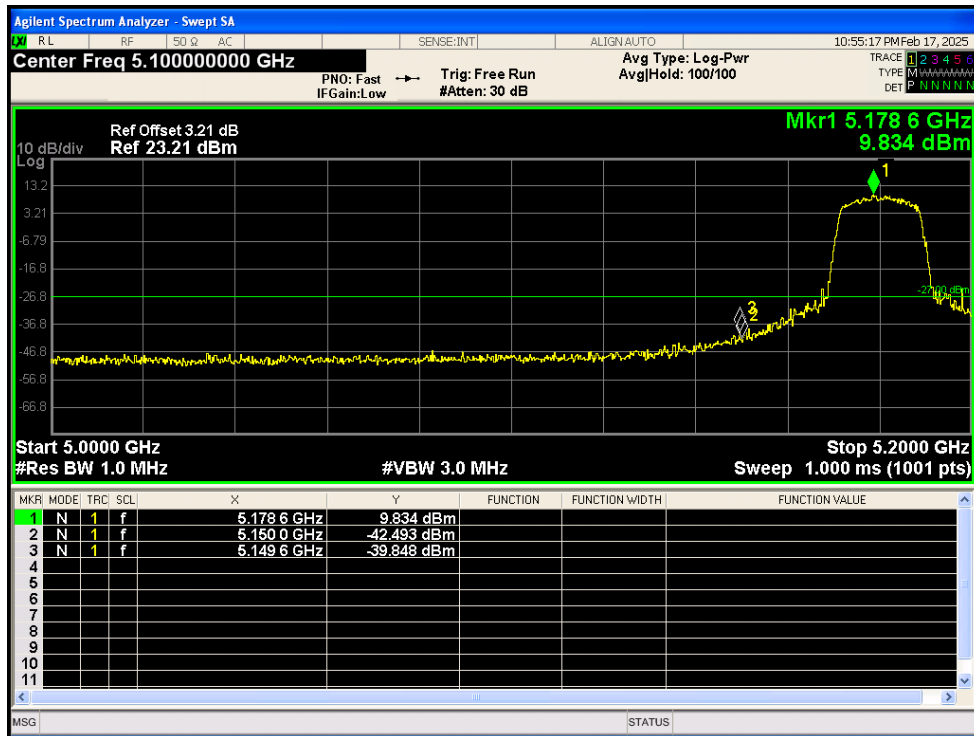
Band Edge NVNT a 5180MHz Low Ant2



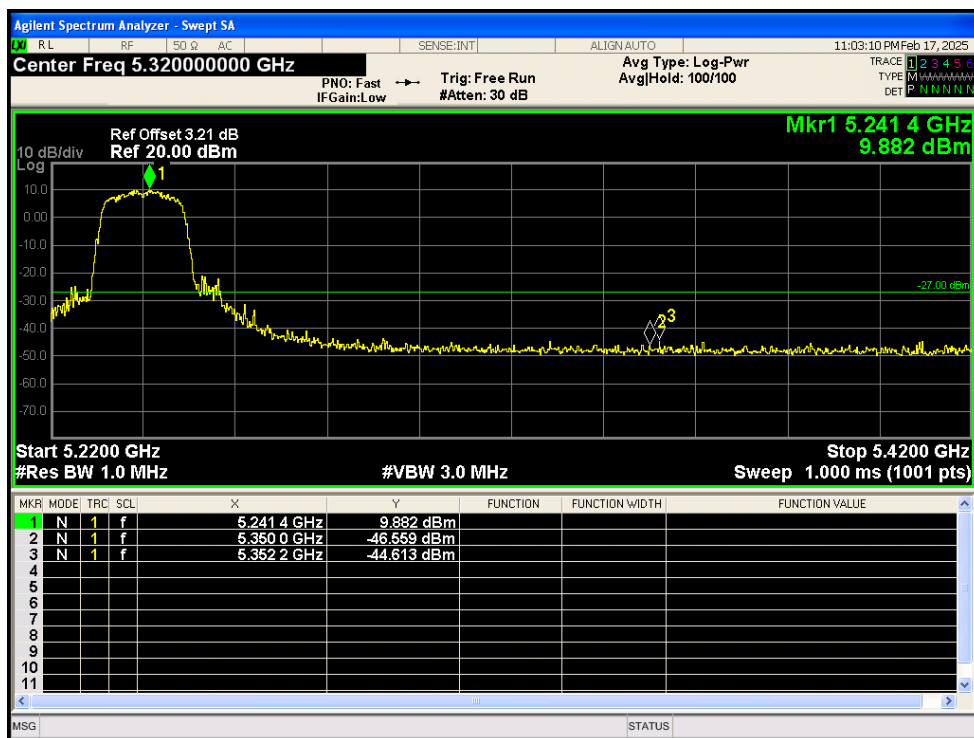
Band Edge NVNT a 5240MHz High Ant2



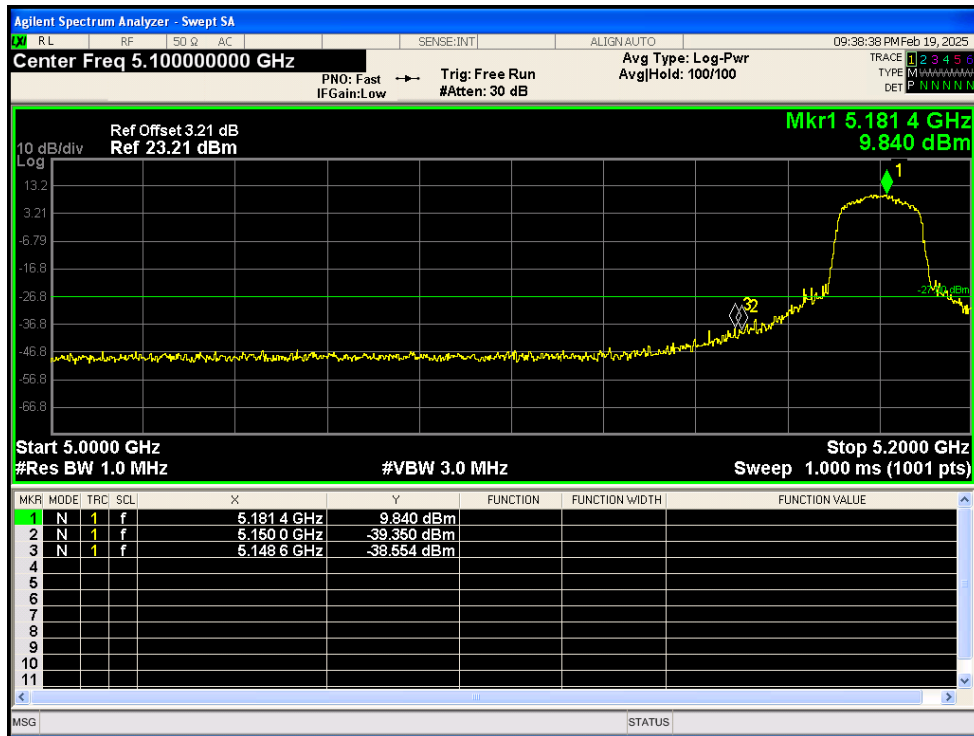
Band Edge NVNT ac20 5180MHz Low Ant1



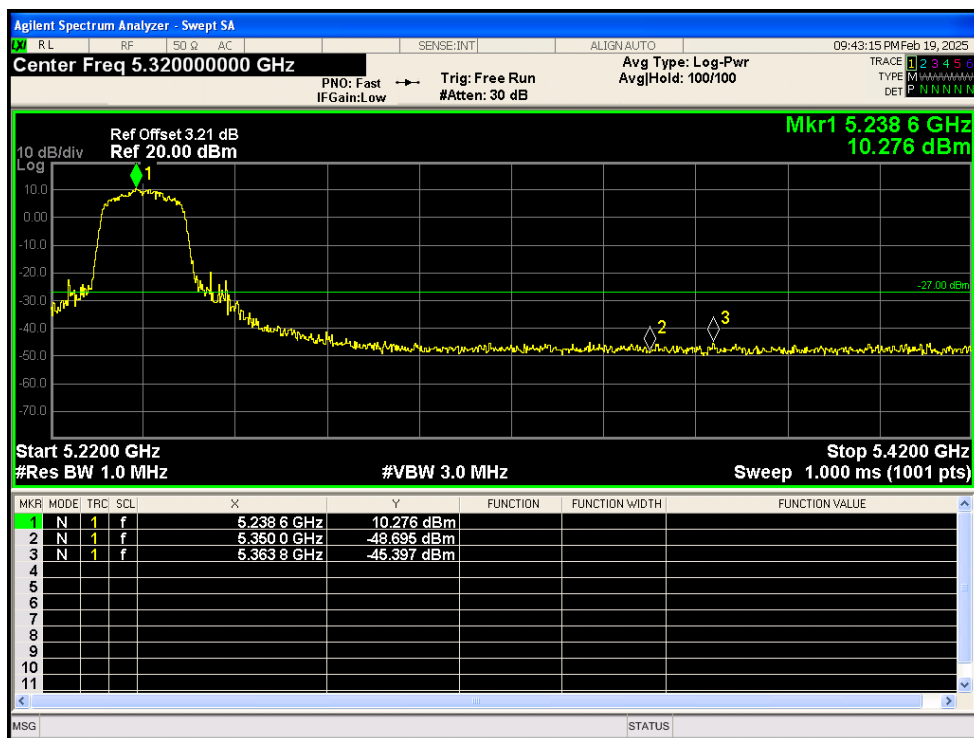
Band Edge NVNT ac20 5240MHz High Ant1



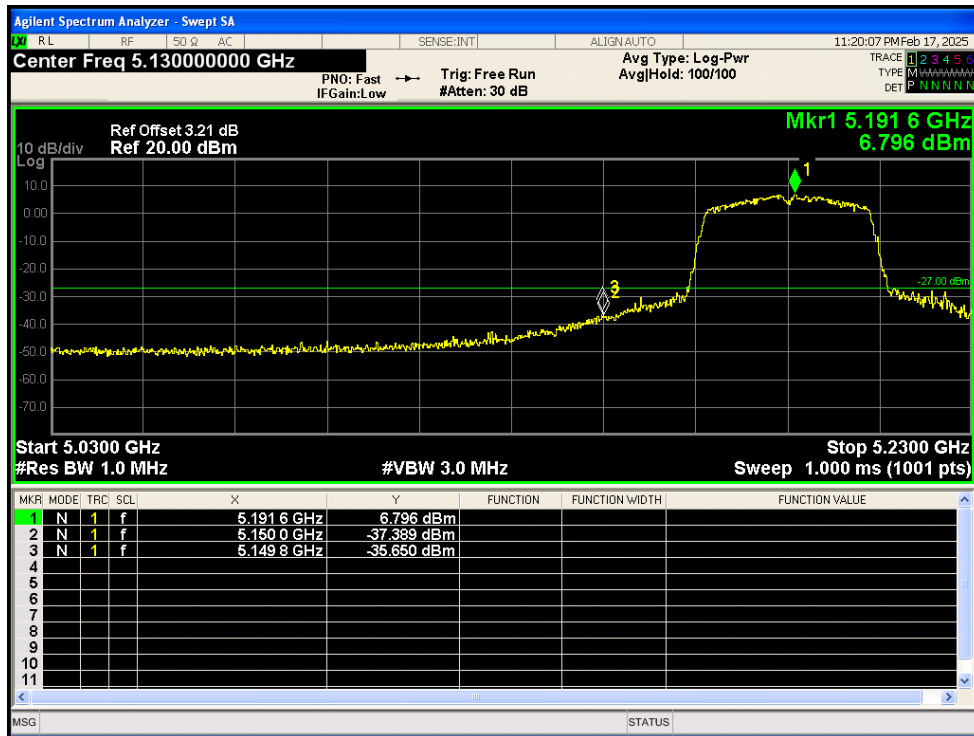
Band Edge NVNT ac20 5180MHz Low Ant2



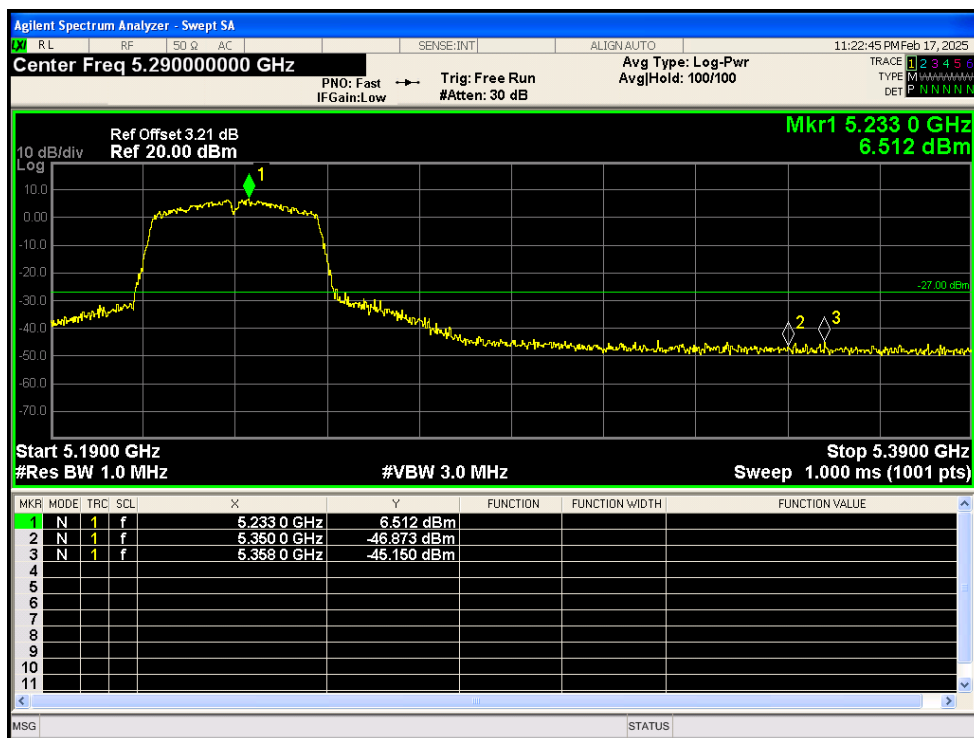
Band Edge NVNT ac20 5240MHz High Ant2



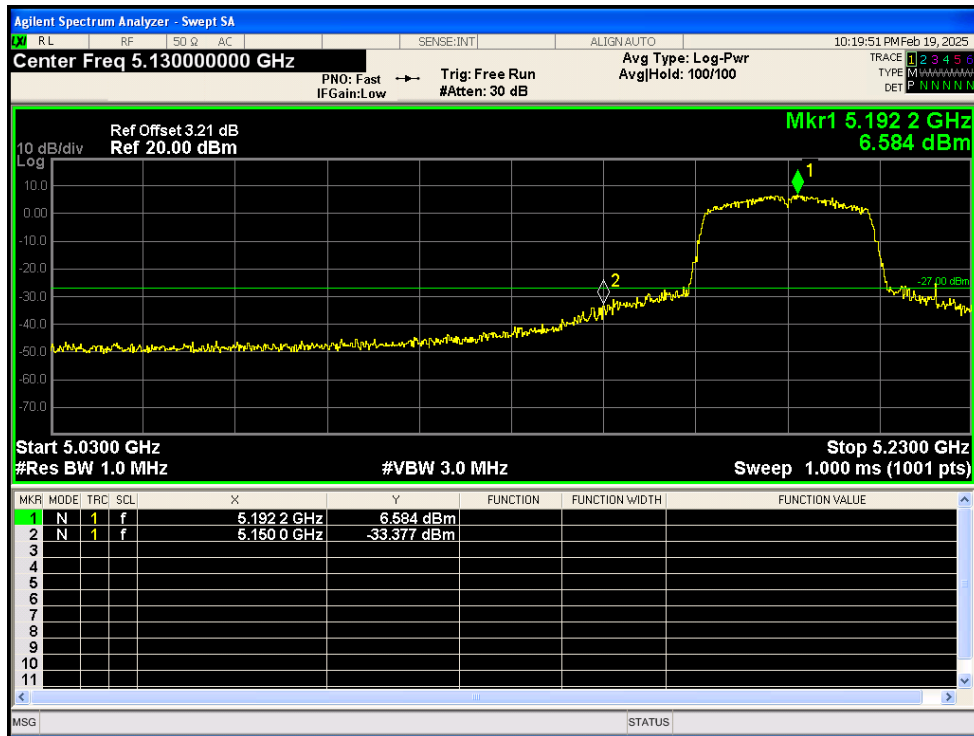
Band Edge NVNT ac40 5190MHz Low Ant1



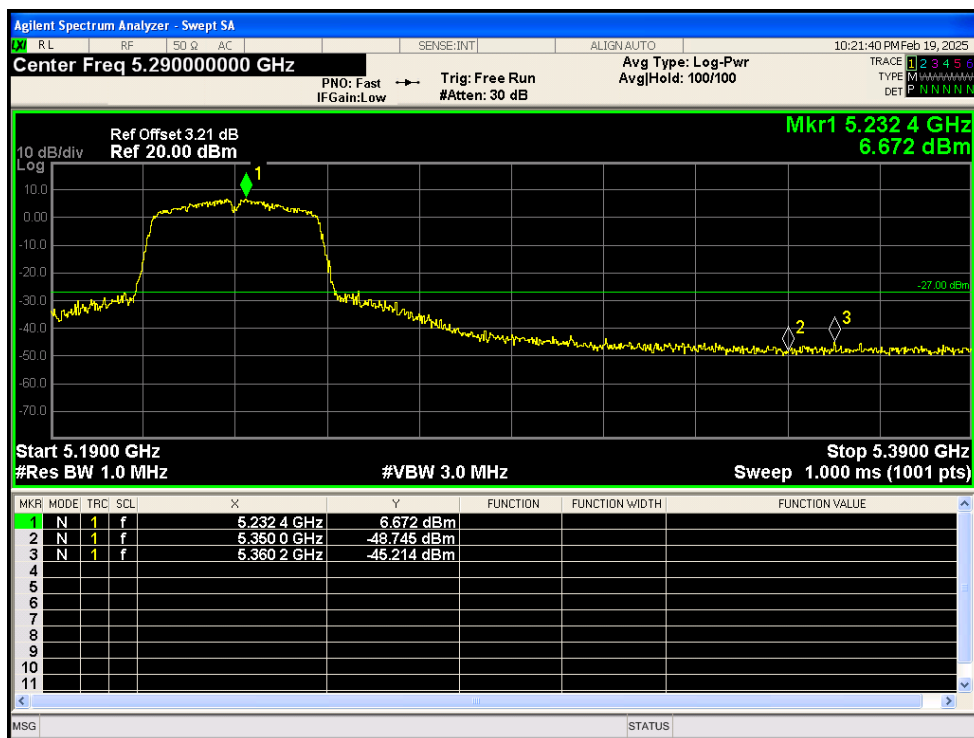
Band Edge NVNT ac40 5230MHz High Ant1



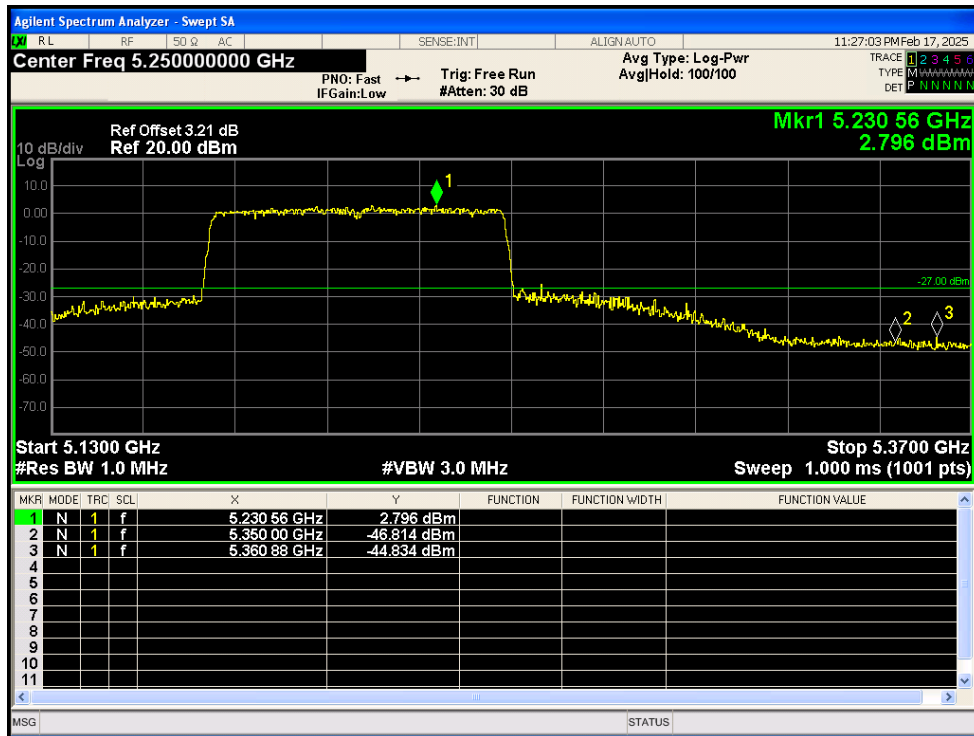
Band Edge NVNT ac40 5190MHz Low Ant2



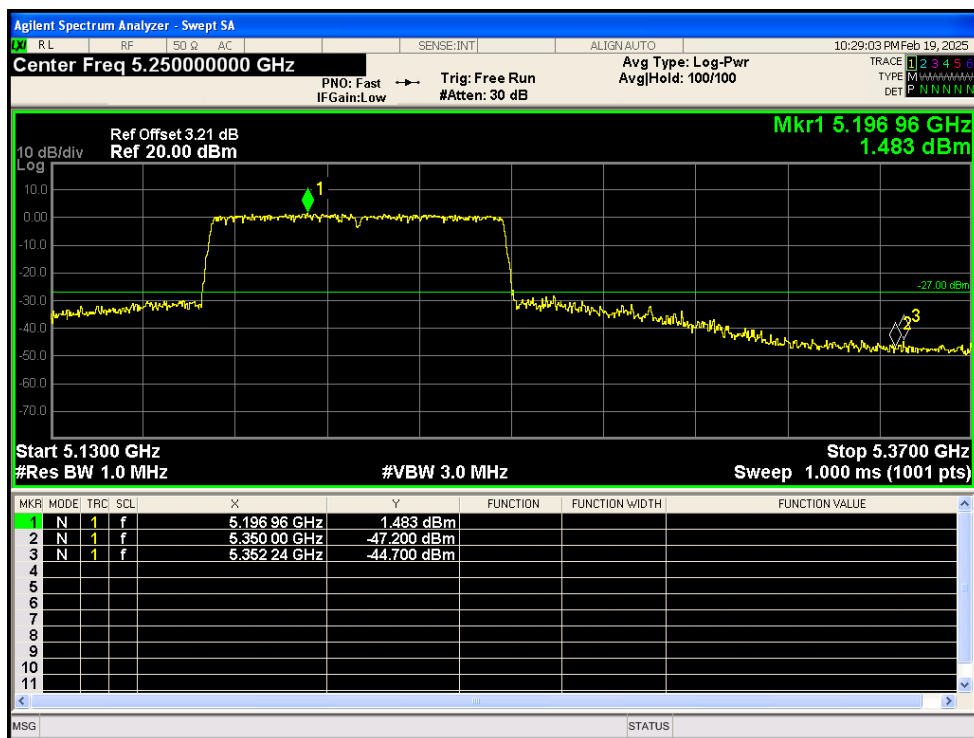
Band Edge NVNT ac40 5230MHz High Ant2



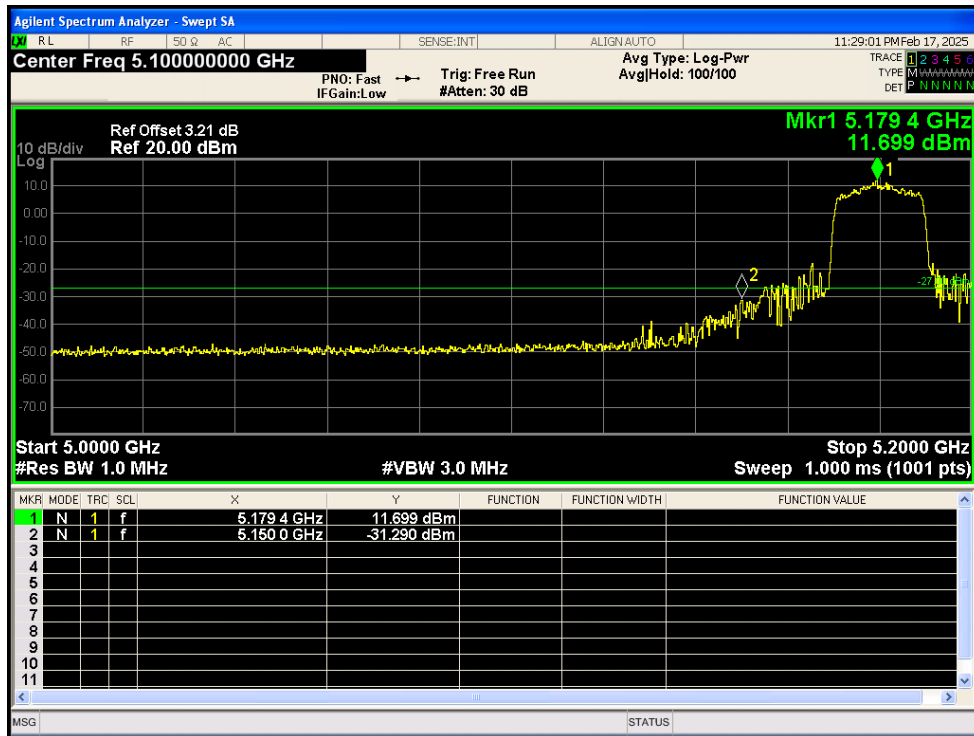
Band Edge NVNT ac80 5210MHz High Ant1



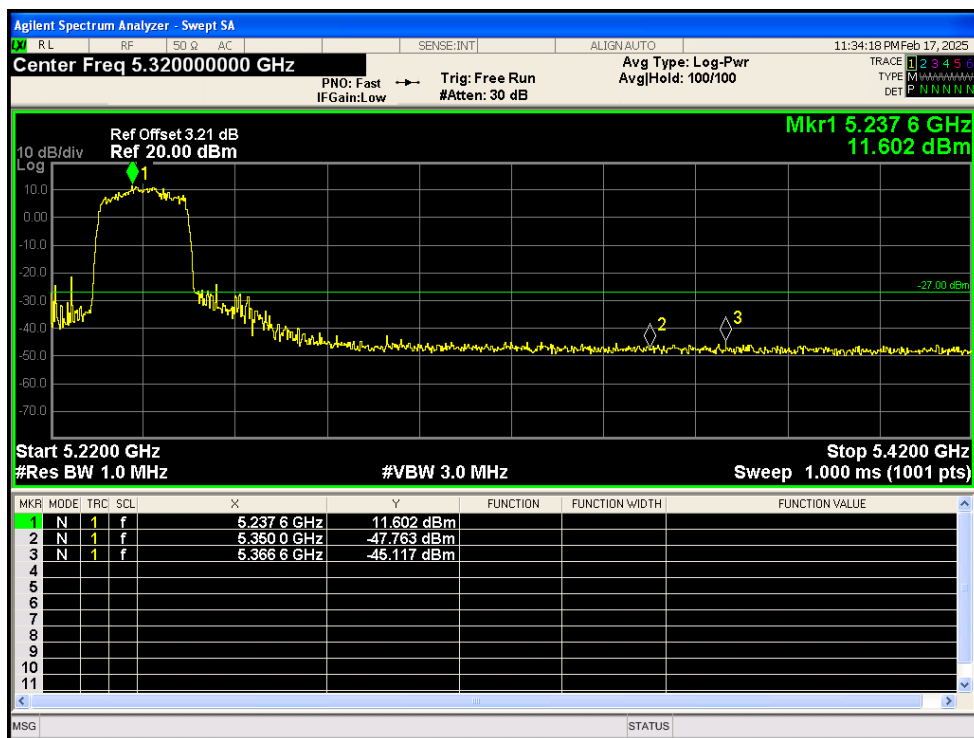
Band Edge NVNT ac80 5210MHz High Ant2



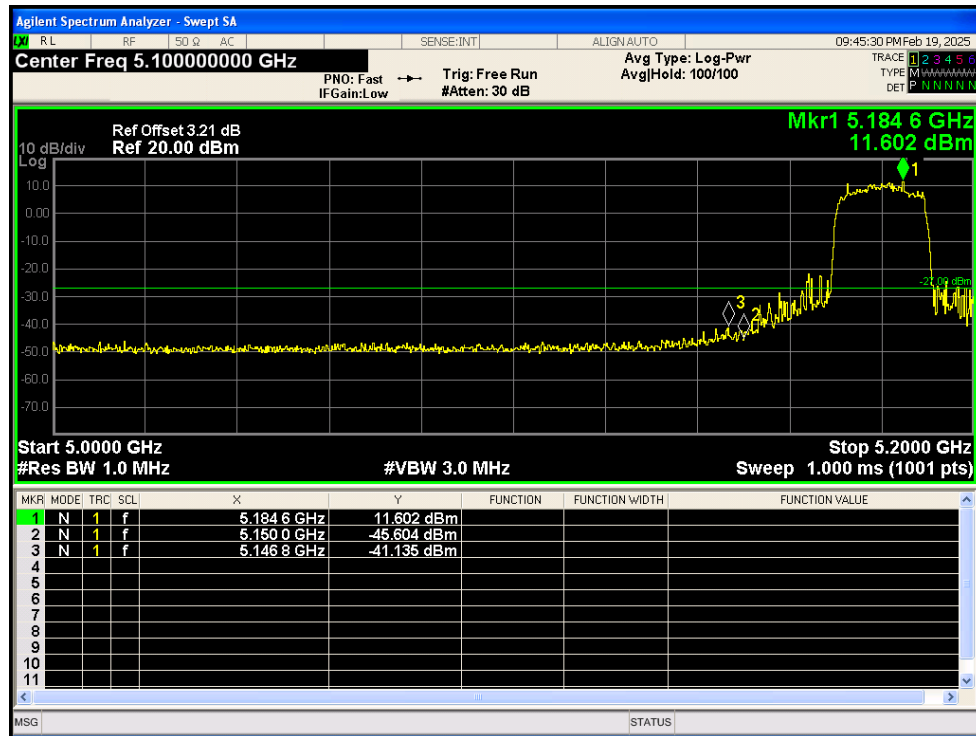
Band Edge NVNT ax20 5180MHz Low Ant1



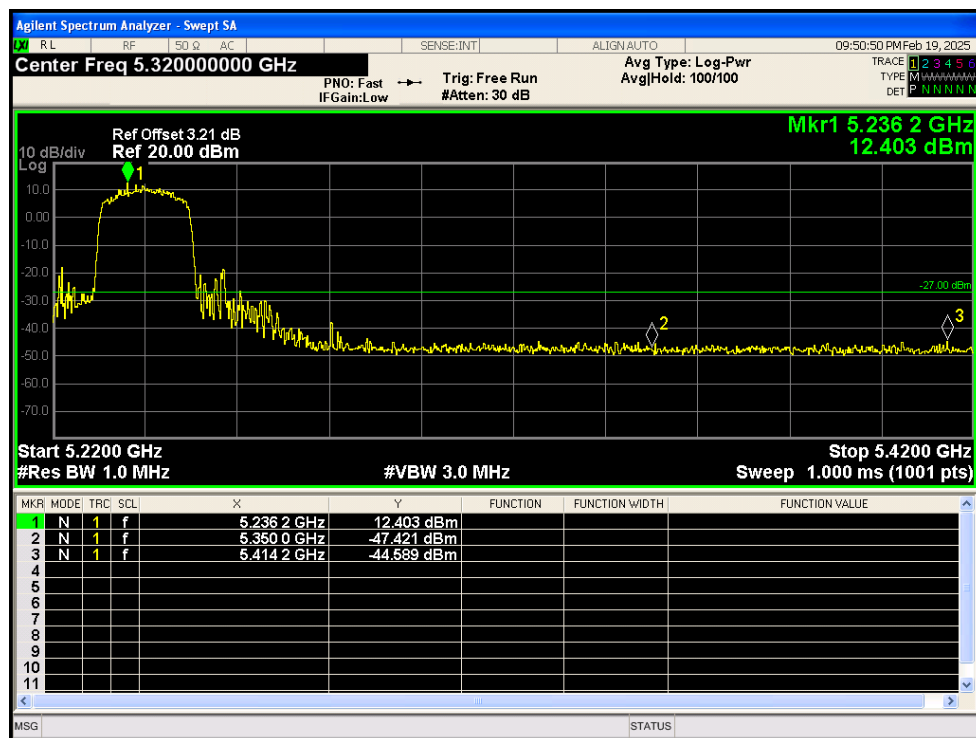
Band Edge NVNT ax20 5240MHz High Ant1



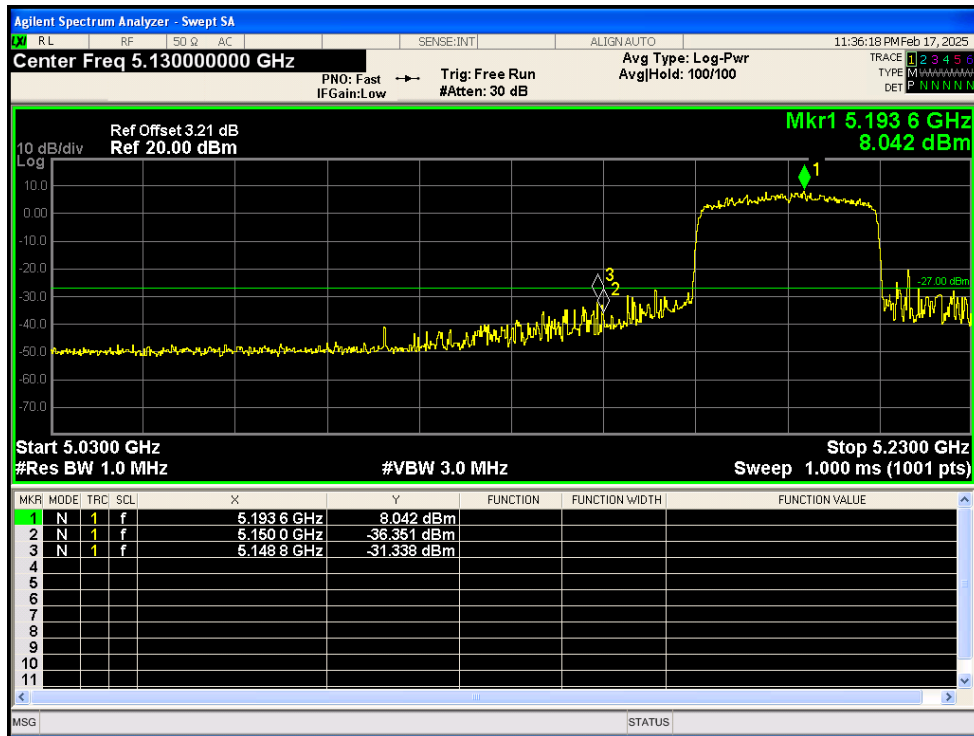
Band Edge NVNT ax20 5180MHz Low Ant2



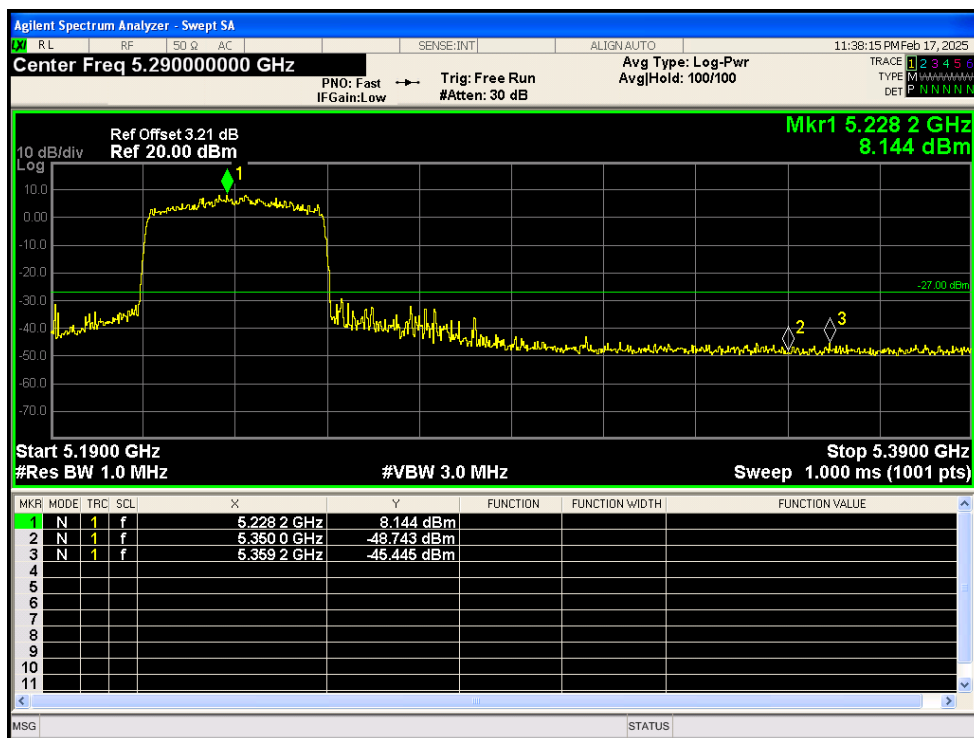
Band Edge NVNT ax20 5240MHz High Ant2



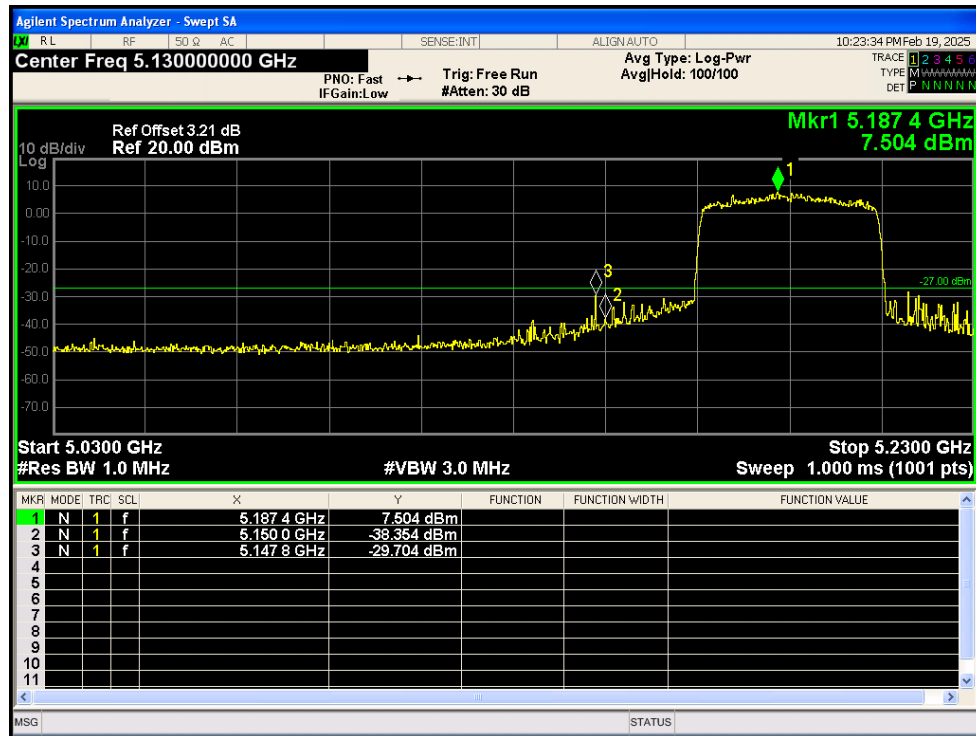
Band Edge NVNT ax40 5190MHz Low Ant1



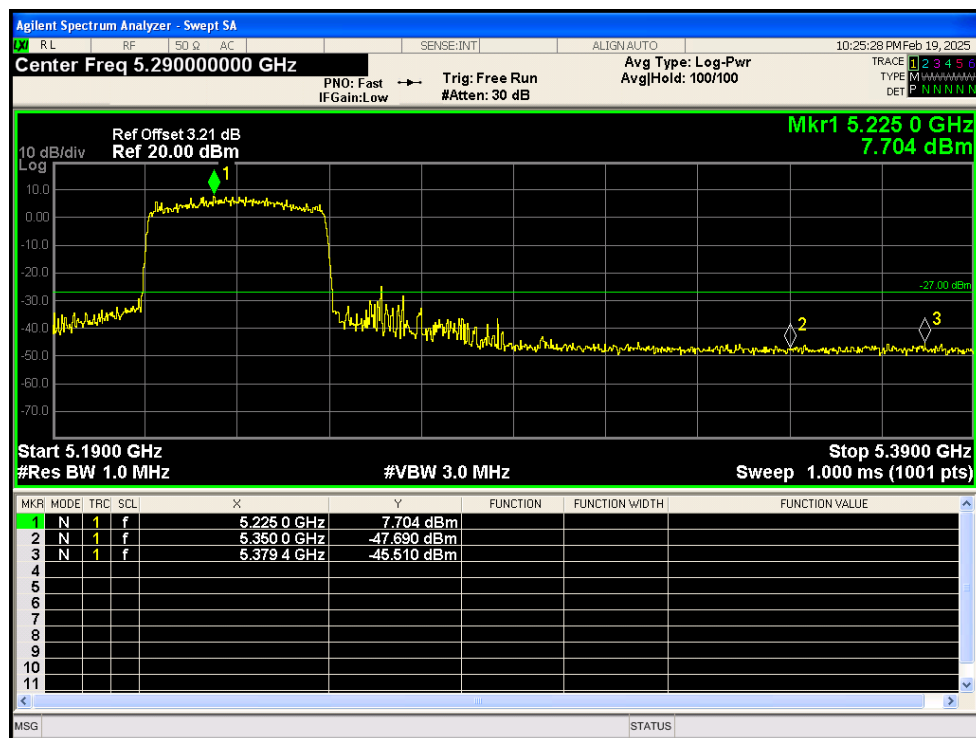
Band Edge NVNT ax40 5230MHz High Ant1



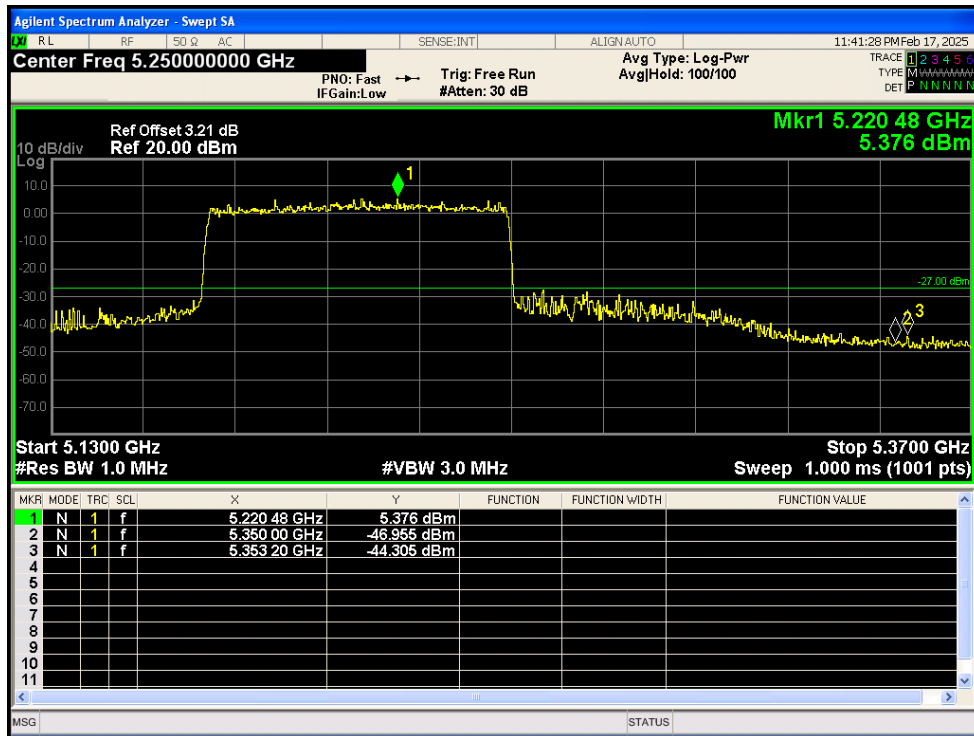
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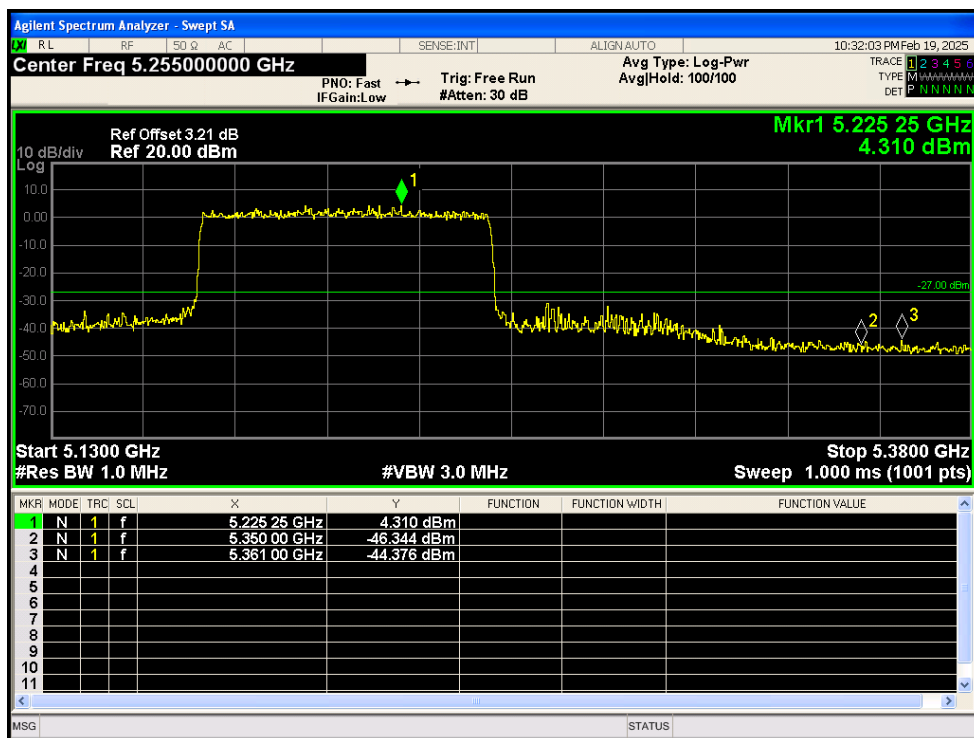
Band Edge NVNT ax40 5230MHz High Ant2



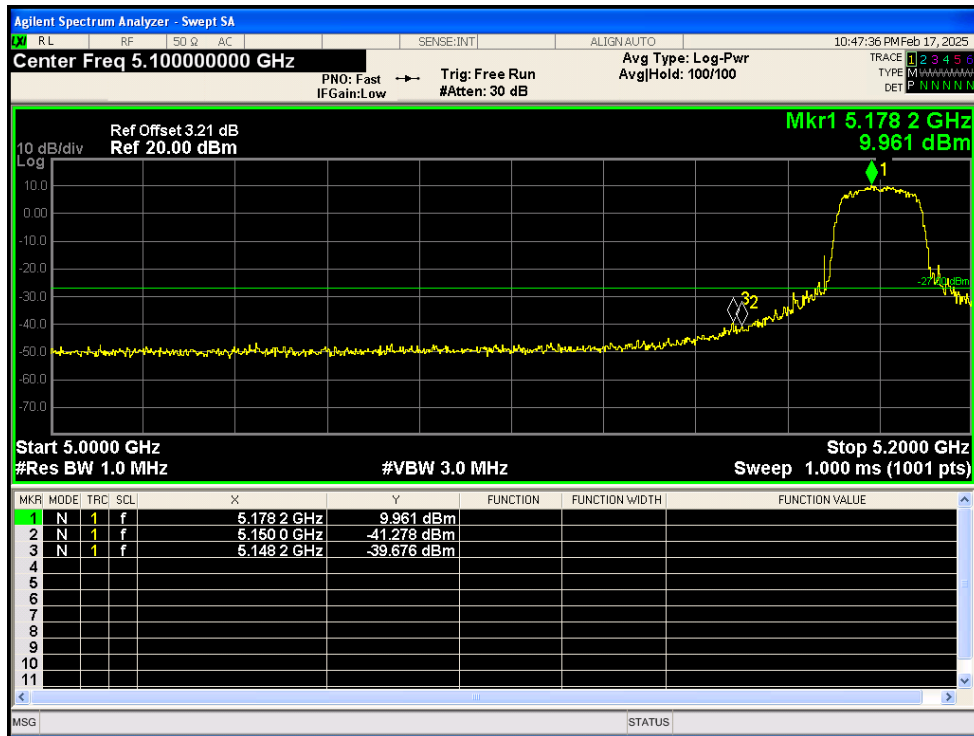
Band Edge NVNT ax80 5210MHz High Ant1



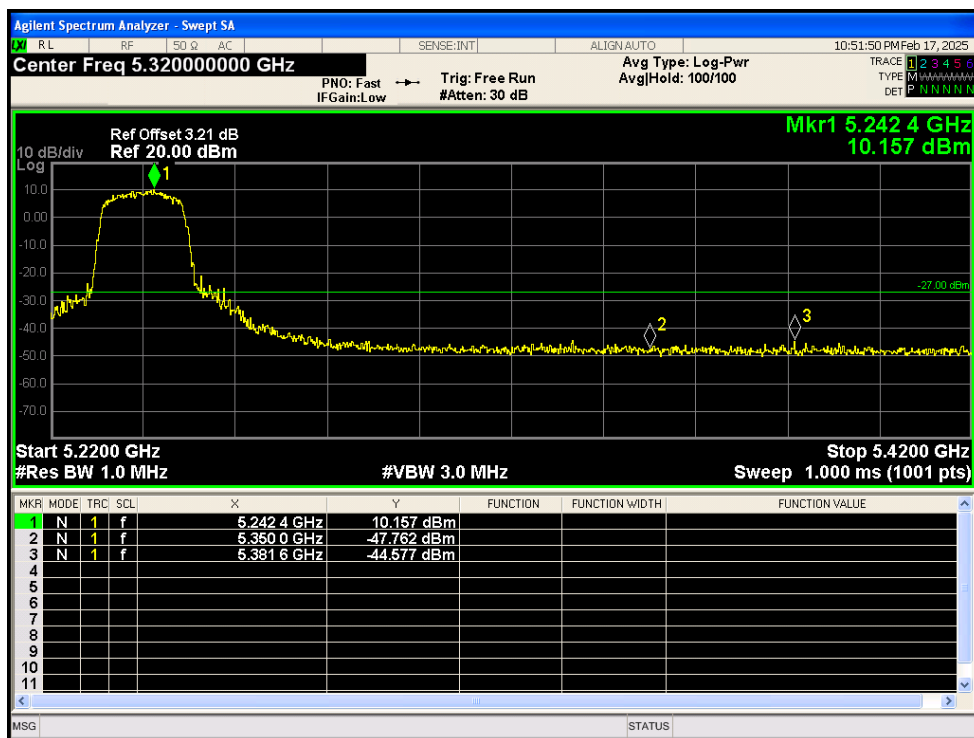
Band Edge NVNT ax80 5210MHz High Ant2



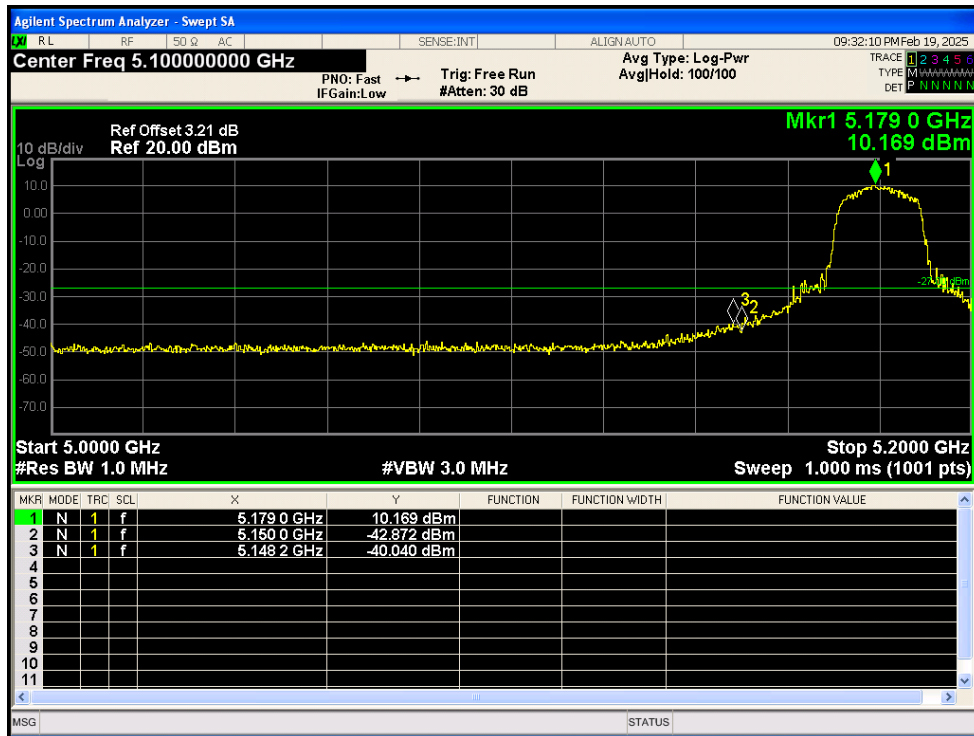
Band Edge NVNT n20 5180MHz Low Ant1



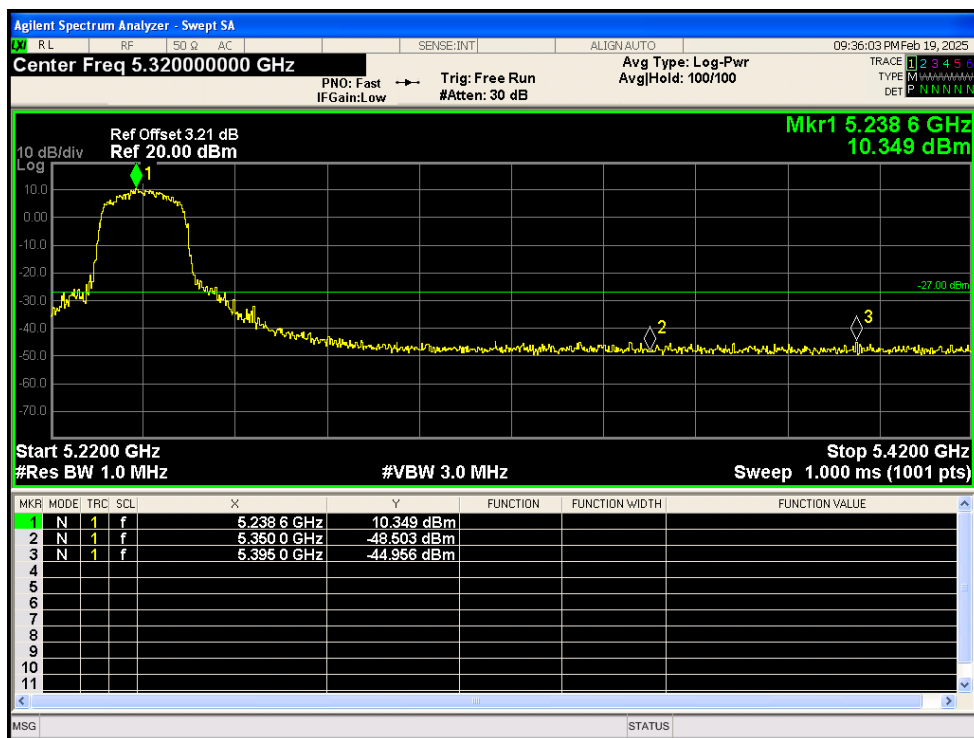
Band Edge NVNT n20 5240MHz High Ant1



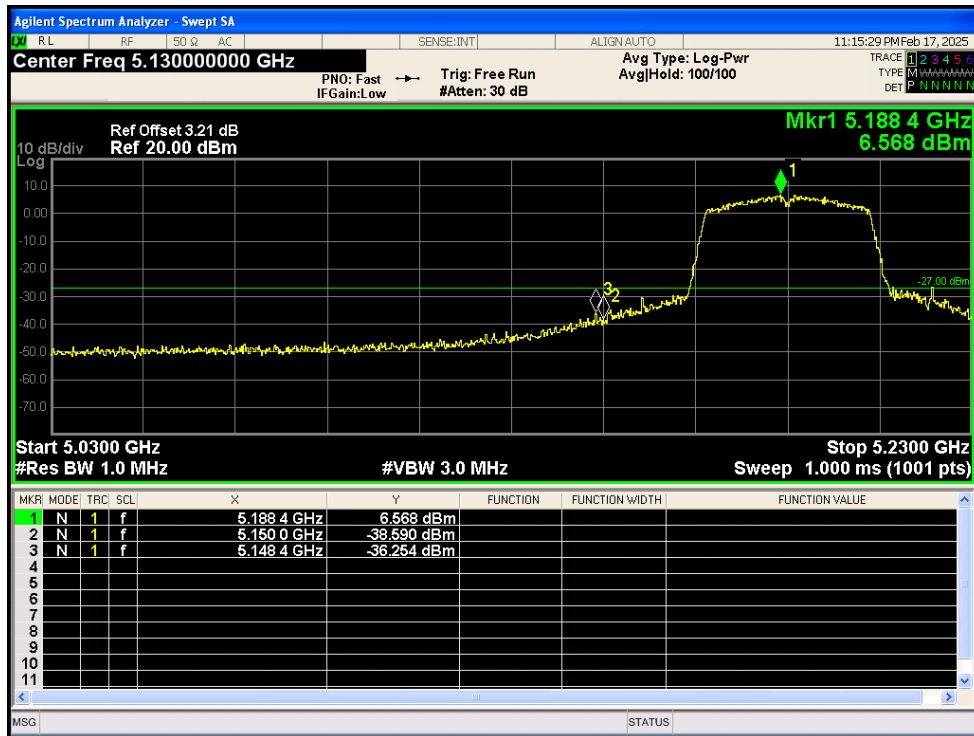
Band Edge NVNT n20 5180MHz Low Ant2



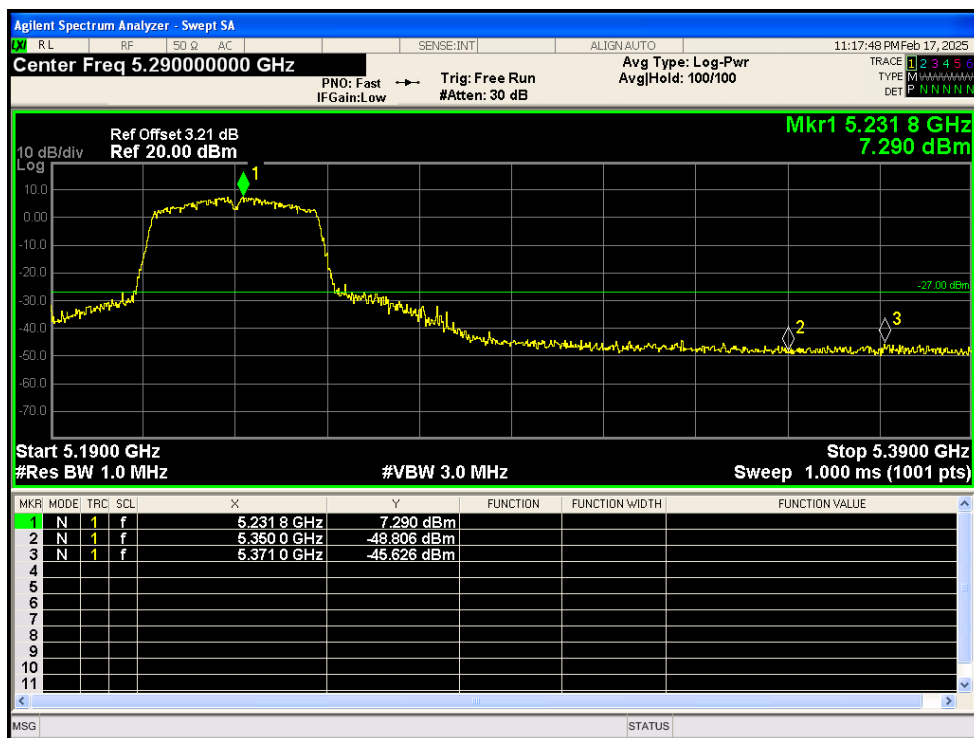
Band Edge NVNT n20 5240MHz High Ant2



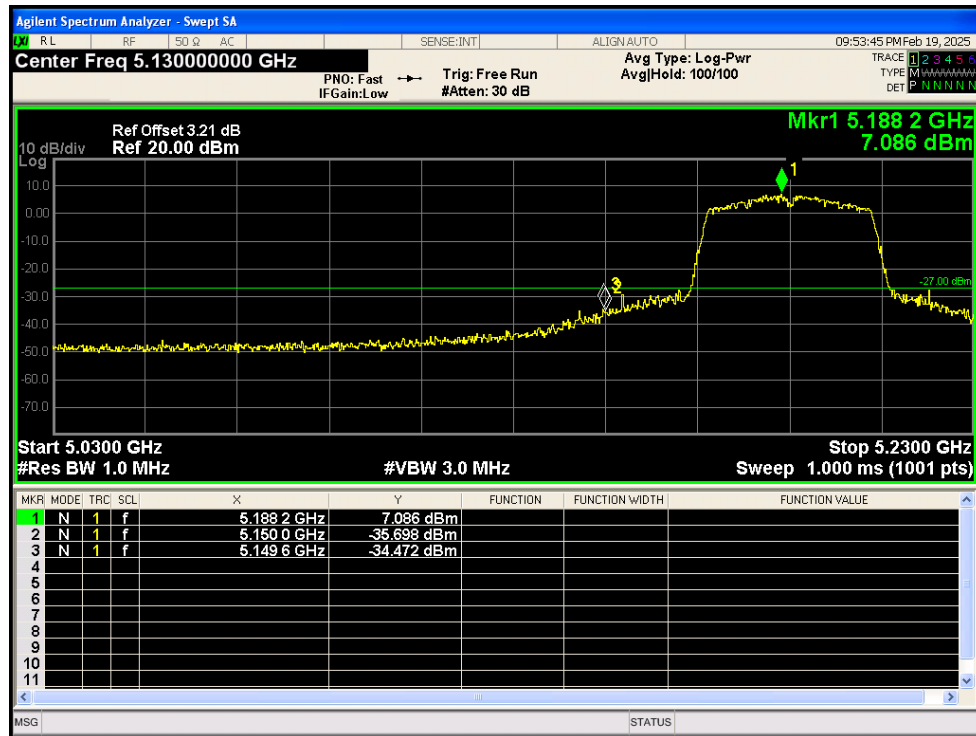
Band Edge NVNT n40 5190MHz Low Ant1



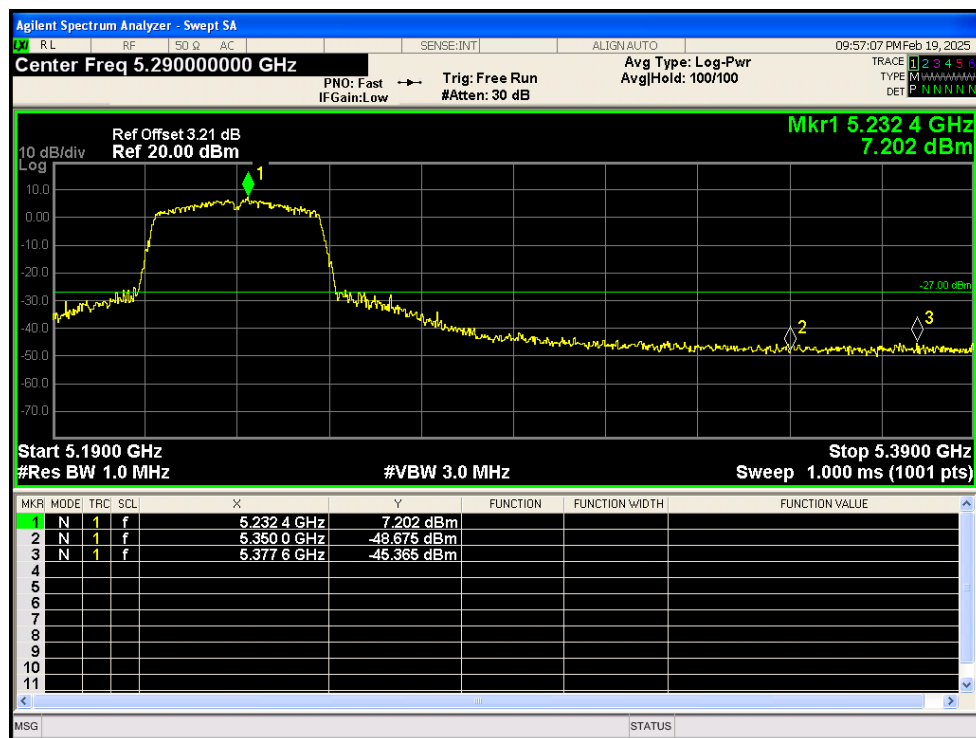
Band Edge NVNT n40 5230MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant2



Band Edge NVNT n40 5230MHz High Ant2

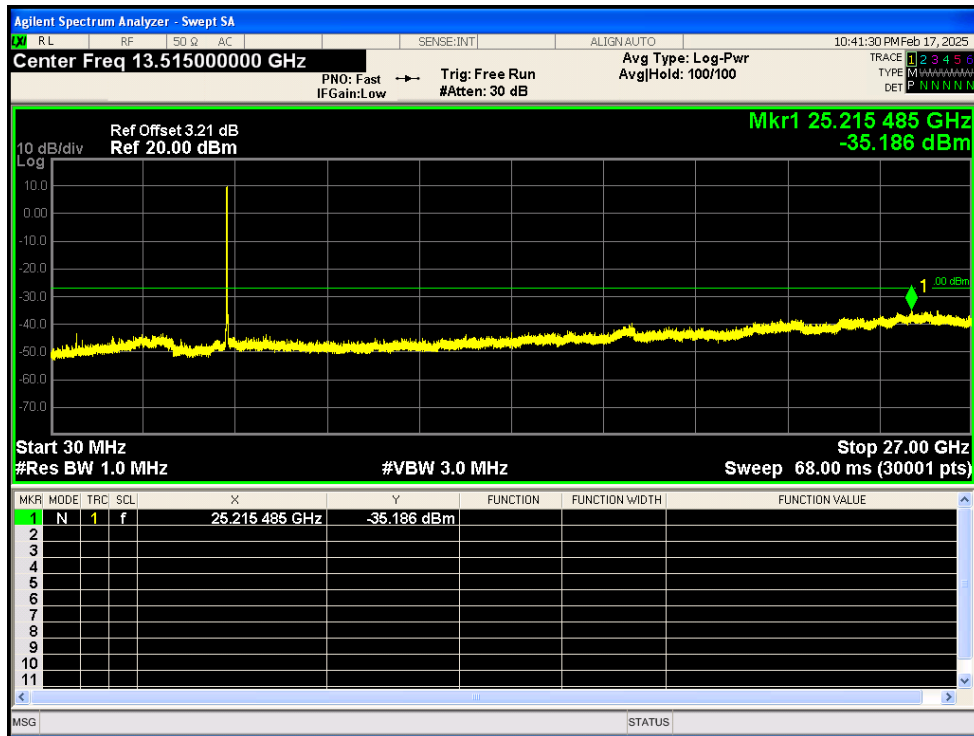


Conducted RF Spurious Emission

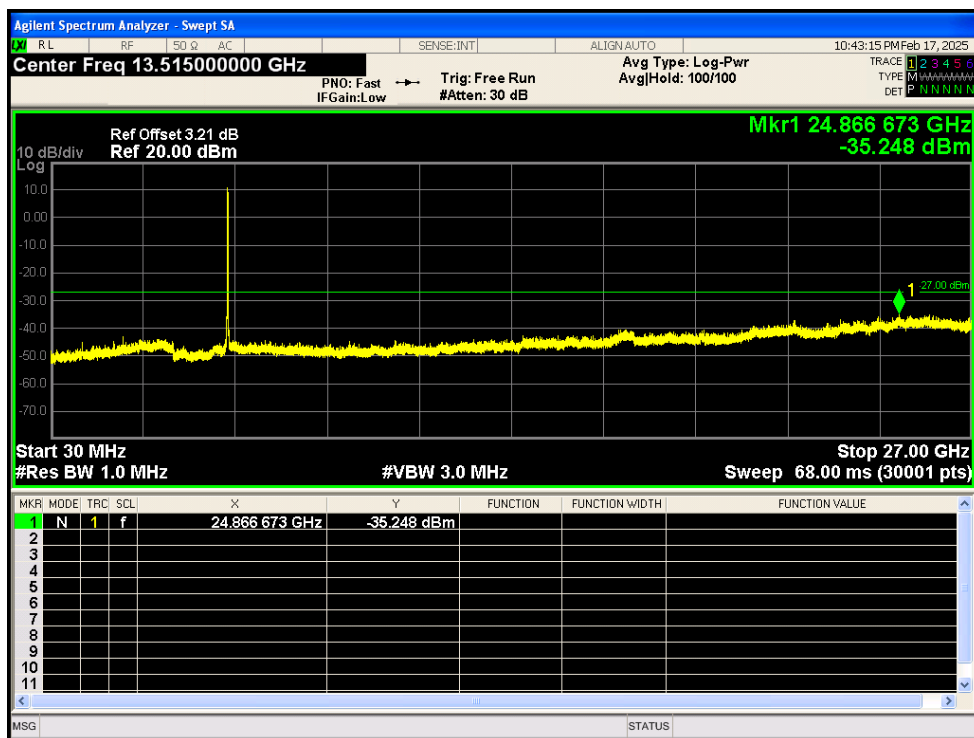
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-35.18	-27	Pass
NVNT	a	5200	Ant1	-35.24	-27	Pass
NVNT	a	5240	Ant1	-34.98	-27	Pass
NVNT	a	5180	Ant2	-34.78	-27	Pass
NVNT	a	5200	Ant2	-34.34	-27	Pass

NVNT	a	5240	Ant2	-35.08	-27	Pass
NVNT	ac20	5180	Ant1	-35.16	-27	Pass
NVNT	ac20	5200	Ant1	-34.69	-27	Pass
NVNT	ac20	5240	Ant1	-34.45	-27	Pass
NVNT	ac20	5180	Ant2	-35.37	-27	Pass
NVNT	ac20	5200	Ant2	-35.3	-27	Pass
NVNT	ac20	5240	Ant2	-33.45	-27	Pass
NVNT	ac40	5190	Ant1	-34.62	-27	Pass
NVNT	ac40	5230	Ant1	-34.55	-27	Pass
NVNT	ac40	5190	Ant2	-35.37	-27	Pass
NVNT	ac40	5230	Ant2	-35.27	-27	Pass
NVNT	ac80	5210	Ant1	-38.89	-27	Pass
NVNT	ac80	5210	Ant2	-33.68	-27	Pass
NVNT	ax20	5180	Ant1	-34.79	-27	Pass
NVNT	ax20	5200	Ant1	-35.35	-27	Pass
NVNT	ax20	5240	Ant1	-34.94	-27	Pass
NVNT	ax20	5180	Ant2	-34.65	-27	Pass
NVNT	ax20	5200	Ant2	-35.21	-27	Pass
NVNT	ax20	5240	Ant2	-35.2	-27	Pass
NVNT	ax40	5190	Ant1	-34.87	-27	Pass
NVNT	ax40	5230	Ant1	-34.43	-27	Pass
NVNT	ax40	5190	Ant2	-34.7	-27	Pass
NVNT	ax40	5230	Ant2	-32.23	-27	Pass
NVNT	ax80	5210	Ant1	-33.41	-27	Pass
NVNT	ax80	5210	Ant2	-34.4	-27	Pass
NVNT	n20	5180	Ant1	-35.06	-27	Pass
NVNT	n20	5200	Ant1	-33.99	-27	Pass
NVNT	n20	5240	Ant1	-34.85	-27	Pass
NVNT	n20	5180	Ant2	-34.82	-27	Pass
NVNT	n20	5200	Ant2	-34.7	-27	Pass
NVNT	n20	5240	Ant2	-35.27	-27	Pass
NVNT	n40	5190	Ant1	-35.39	-27	Pass
NVNT	n40	5230	Ant1	-34.85	-27	Pass
NVNT	n40	5190	Ant2	-34.86	-27	Pass
NVNT	n40	5230	Ant2	-35.12	-27	Pass

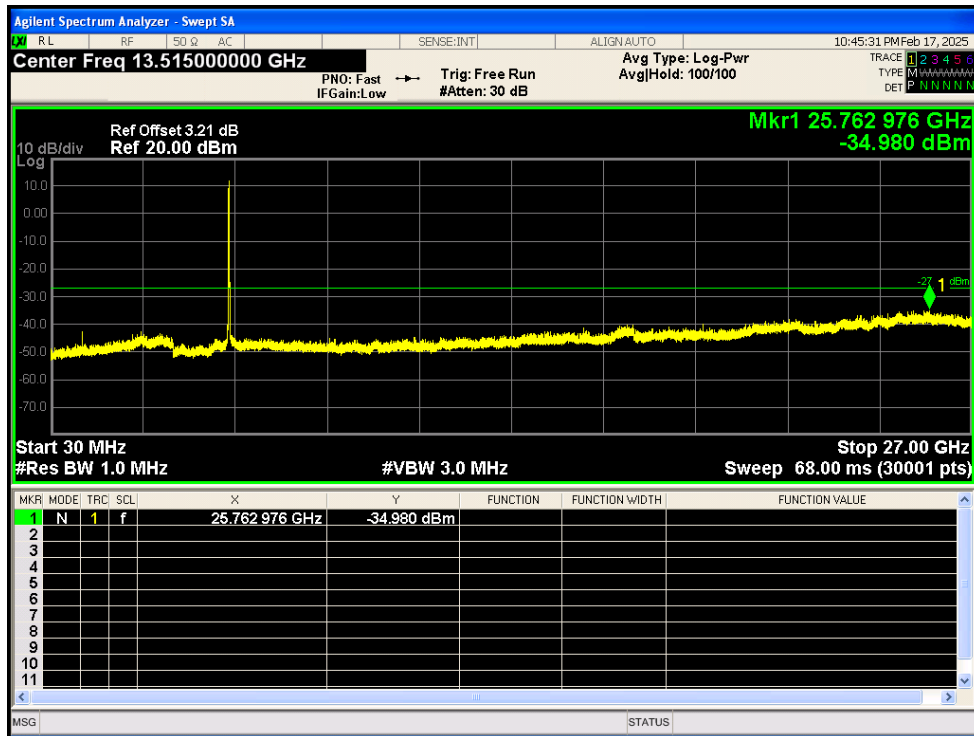
Tx. Spurious NVNT a 5180MHz Ant1 Emission



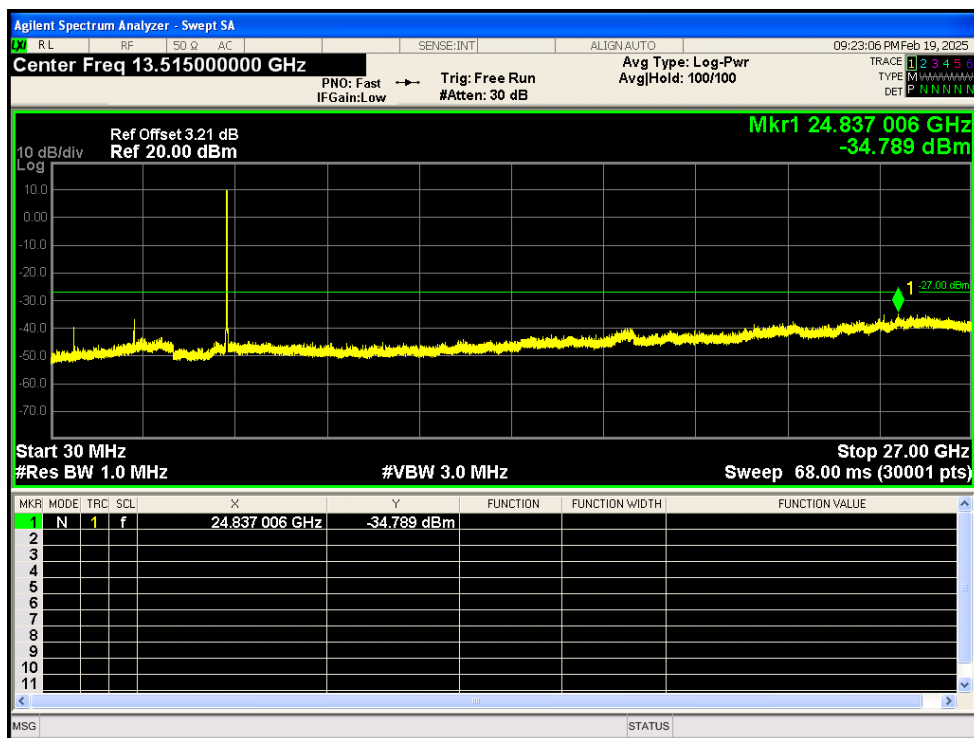
Tx. Spurious NVNT a 5200MHz Ant1 Emission



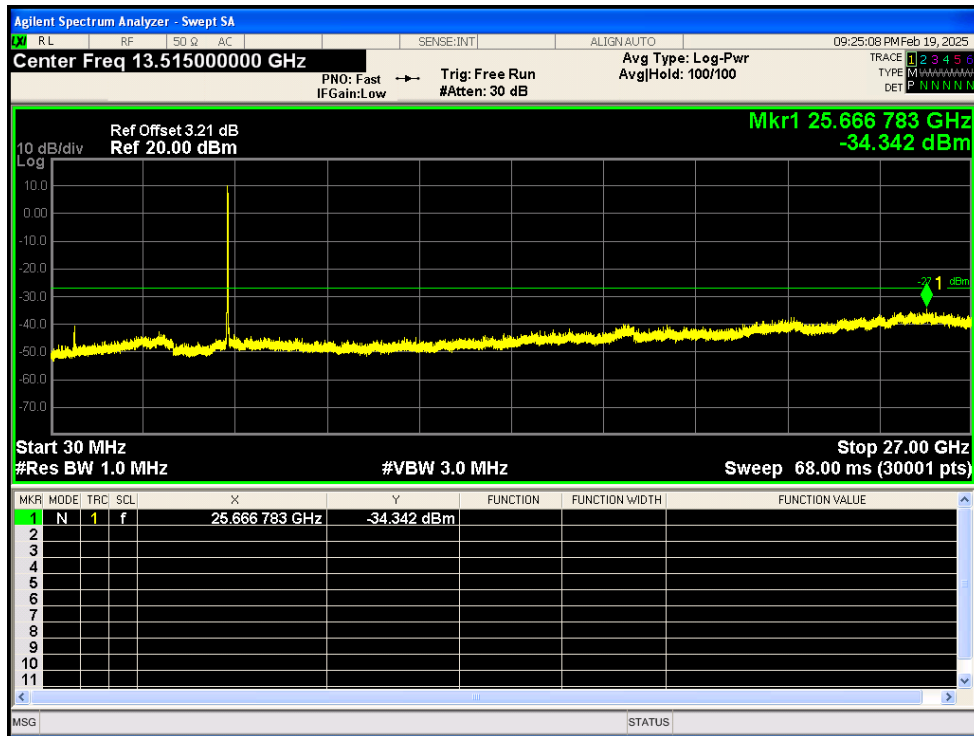
Tx. Spurious NVNT a 5240MHz Ant1 Emission



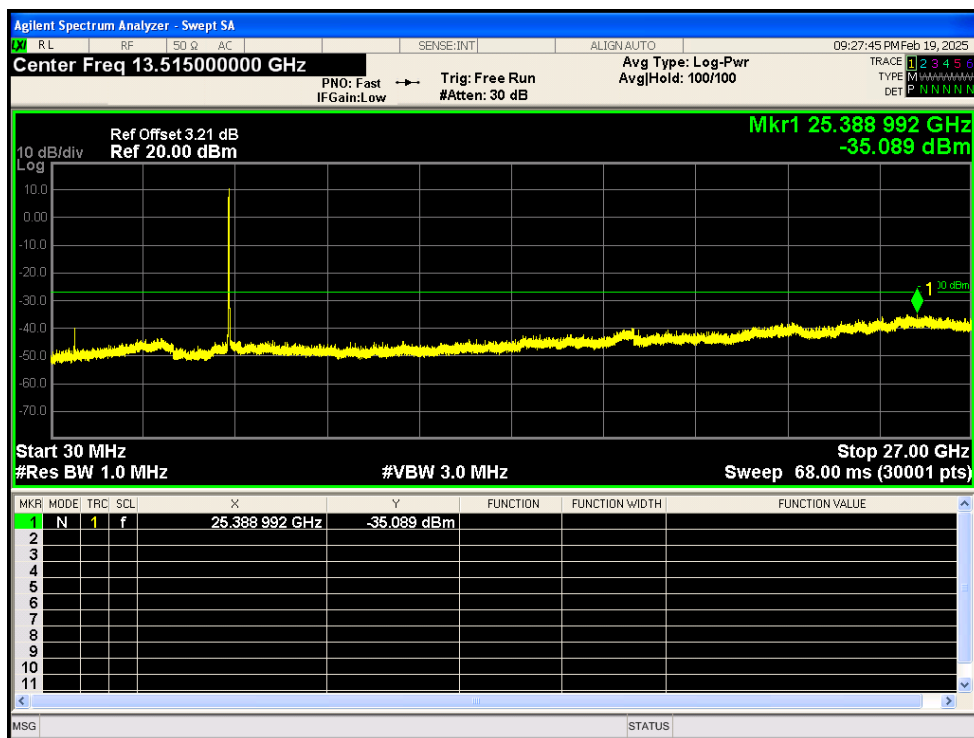
Tx. Spurious NVNT a 5180MHz Ant2 Emission



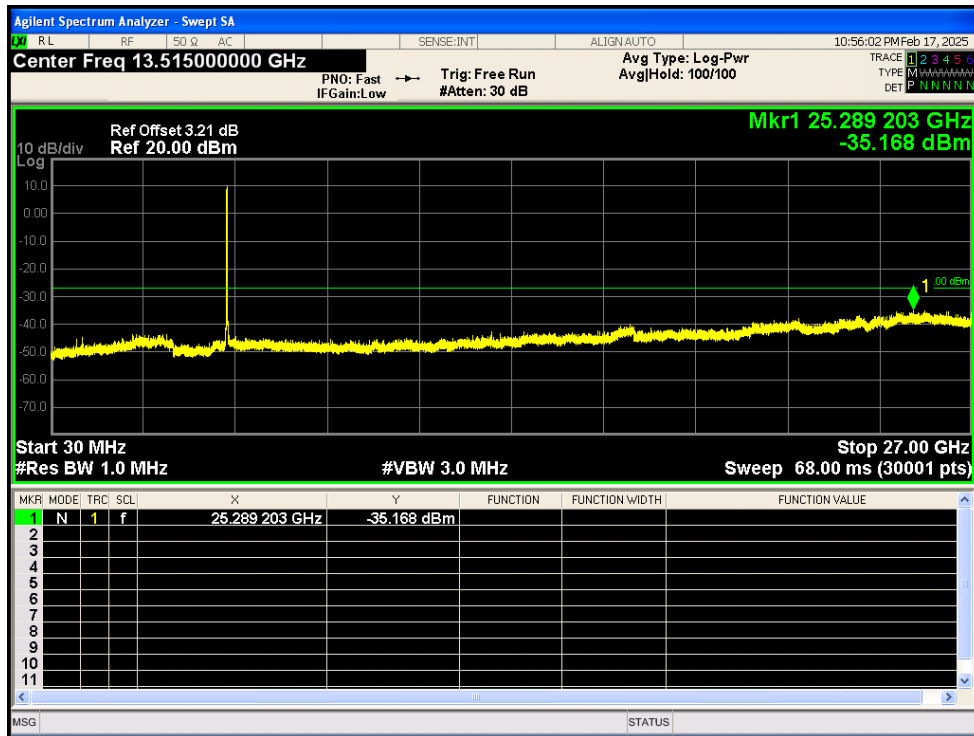
Tx. Spurious NVNT a 5200MHz Ant2 Emission



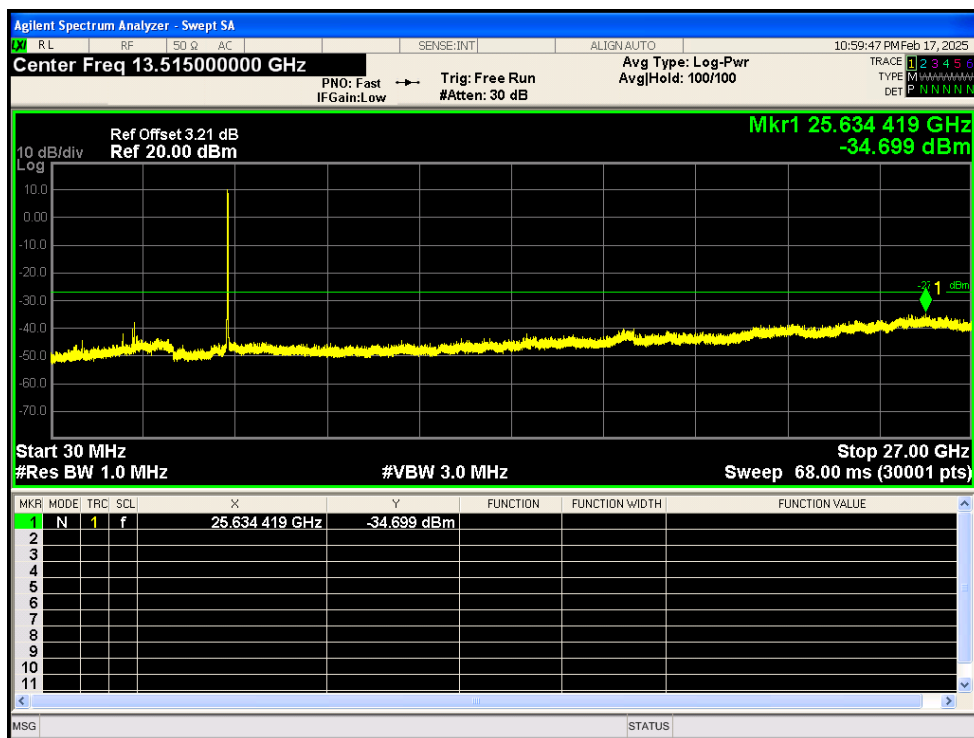
Tx. Spurious NVNT a 5240MHz Ant2 Emission



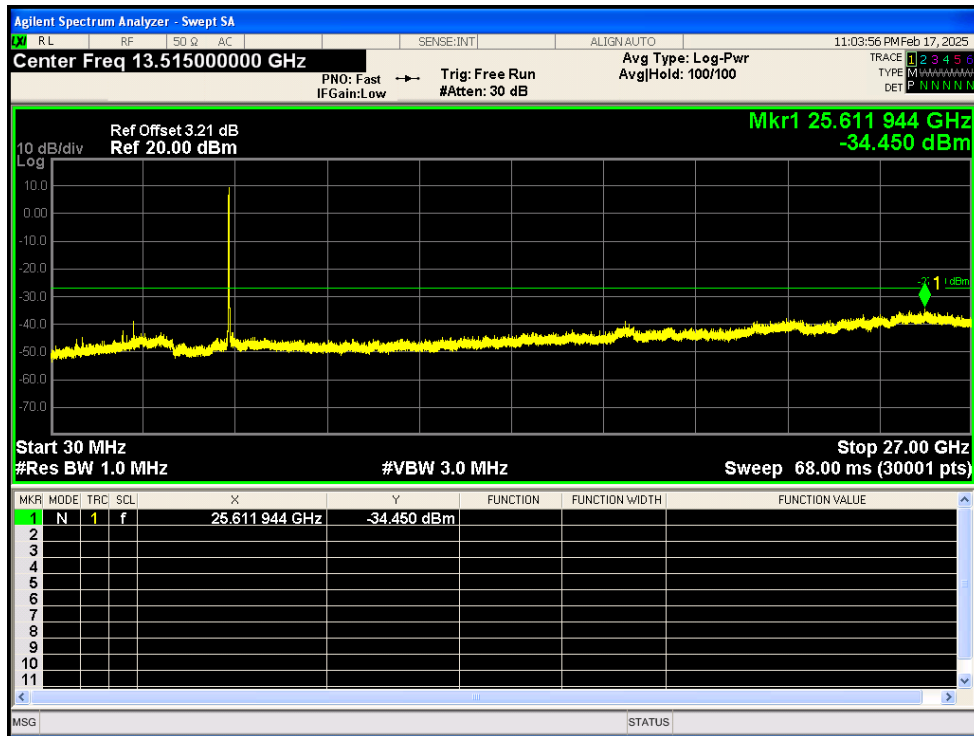
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



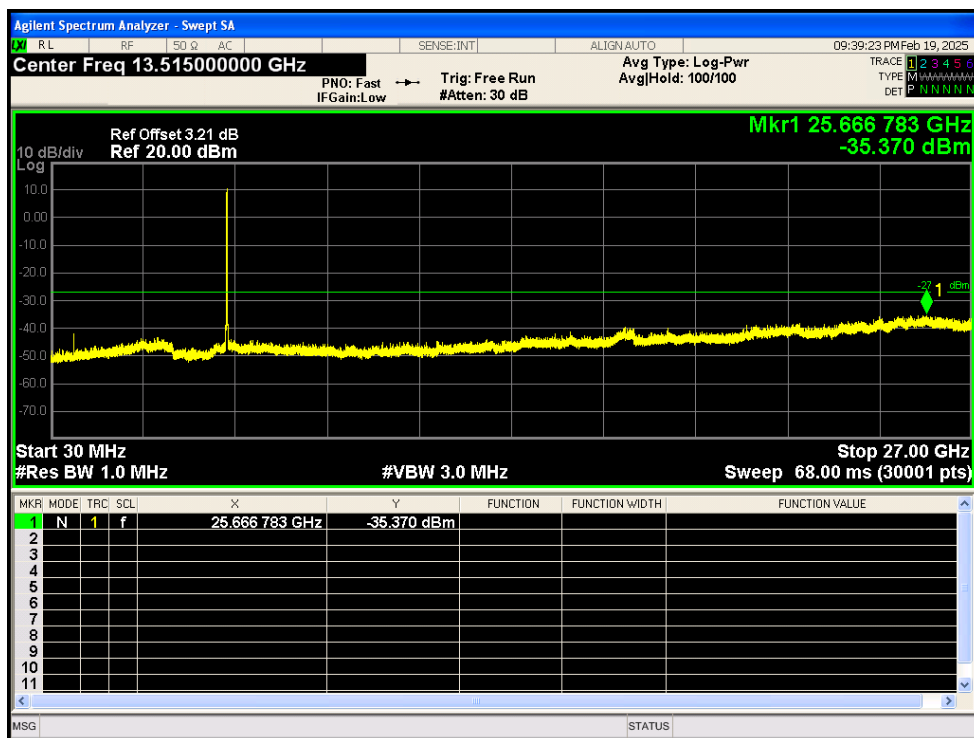
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



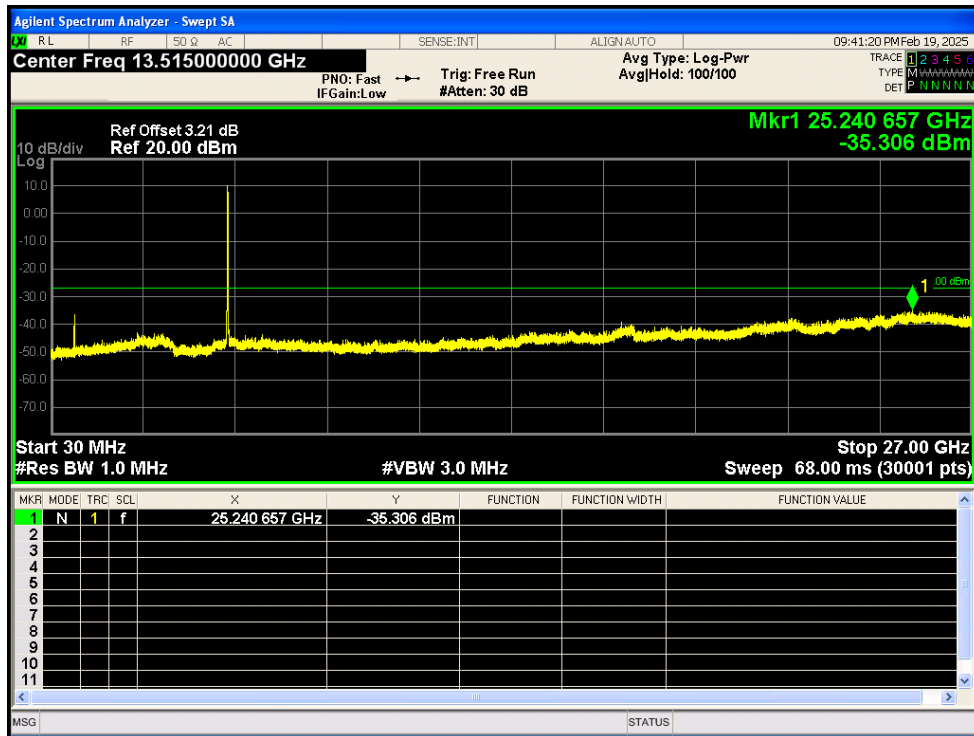
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



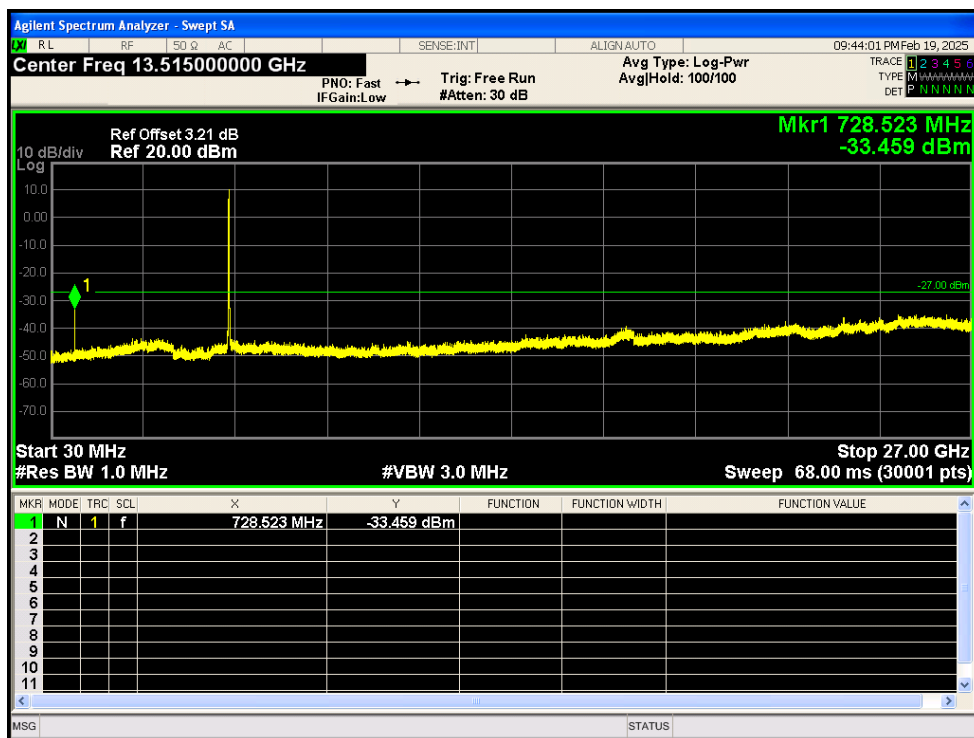
Tx. Spurious NVNT ac20 5180MHz Ant2 Emission



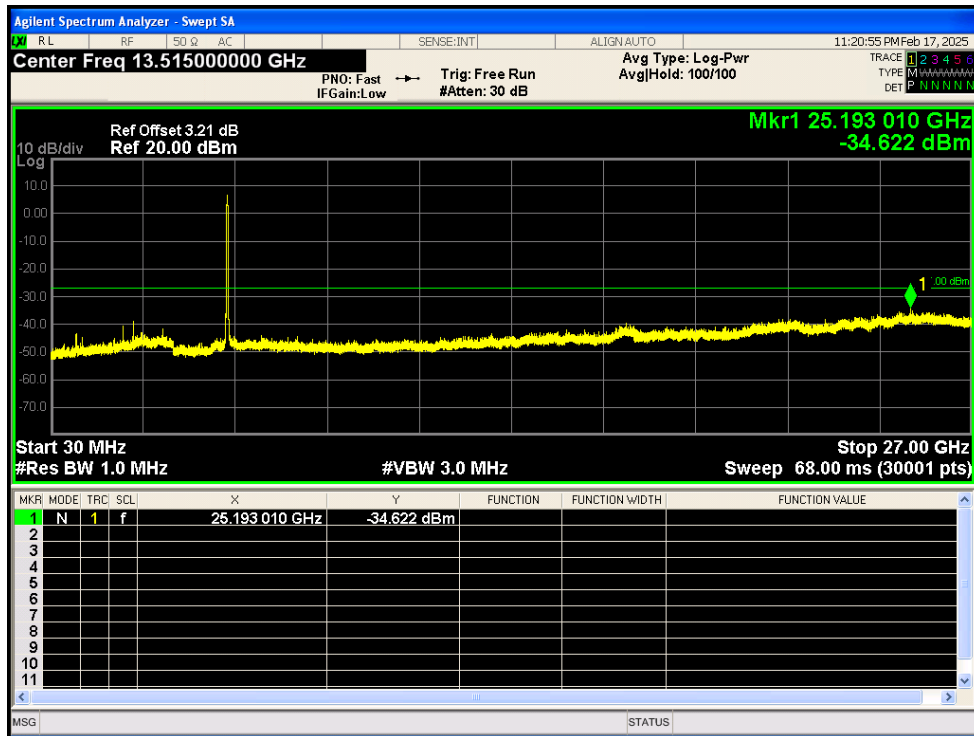
Tx. Spurious NVNT ac20 5200MHz Ant2 Emission



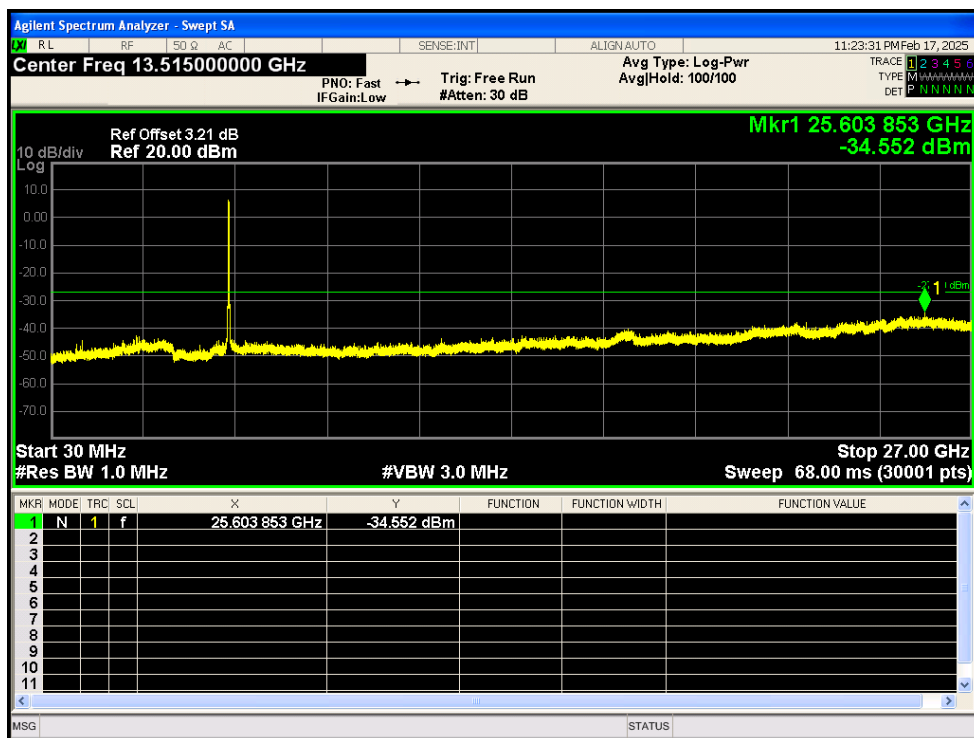
Tx. Spurious NVNT ac20 5240MHz Ant2 Emission



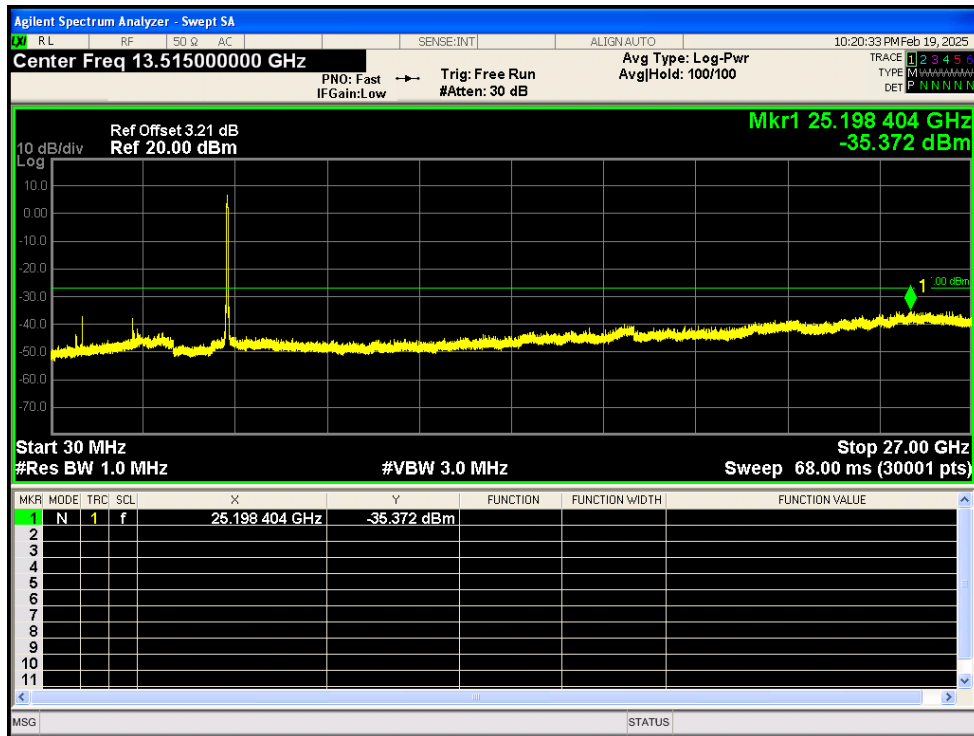
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



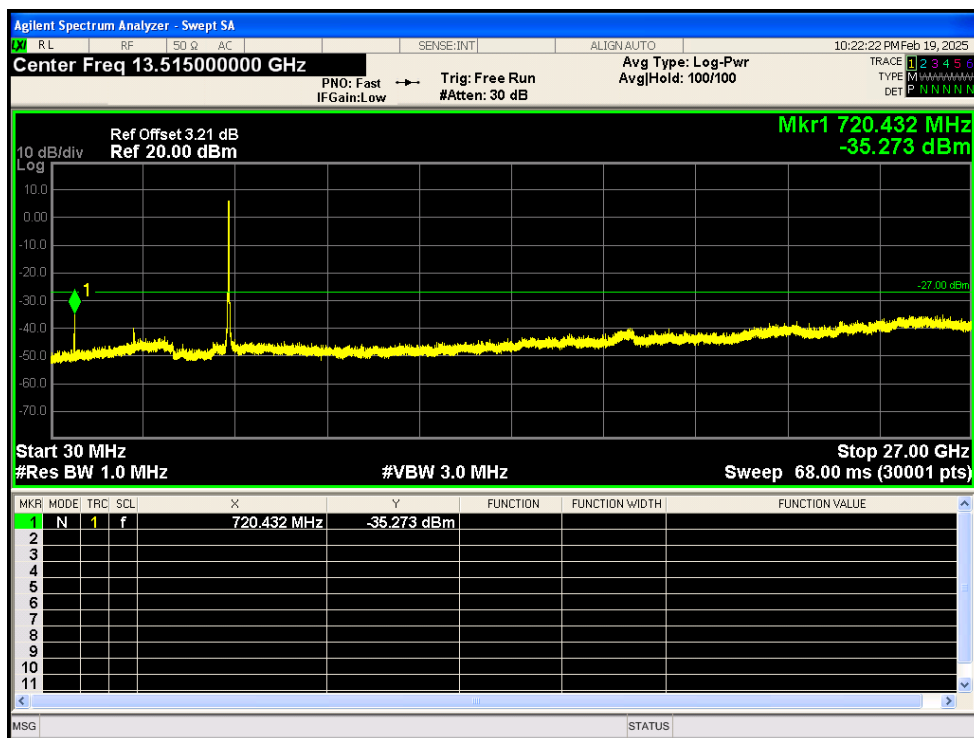
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



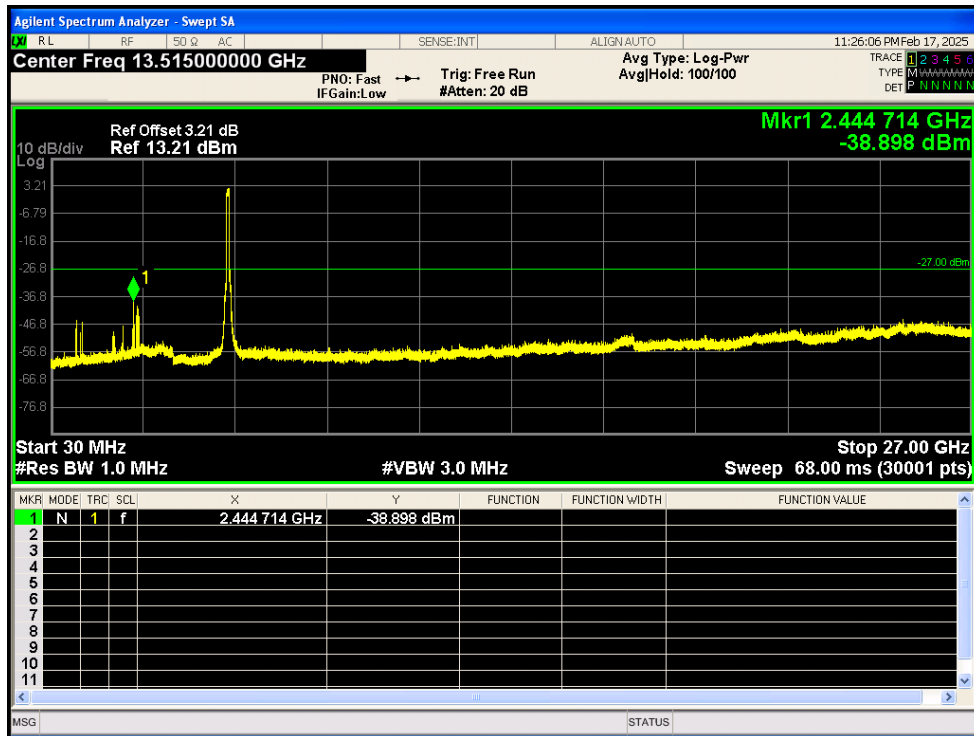
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



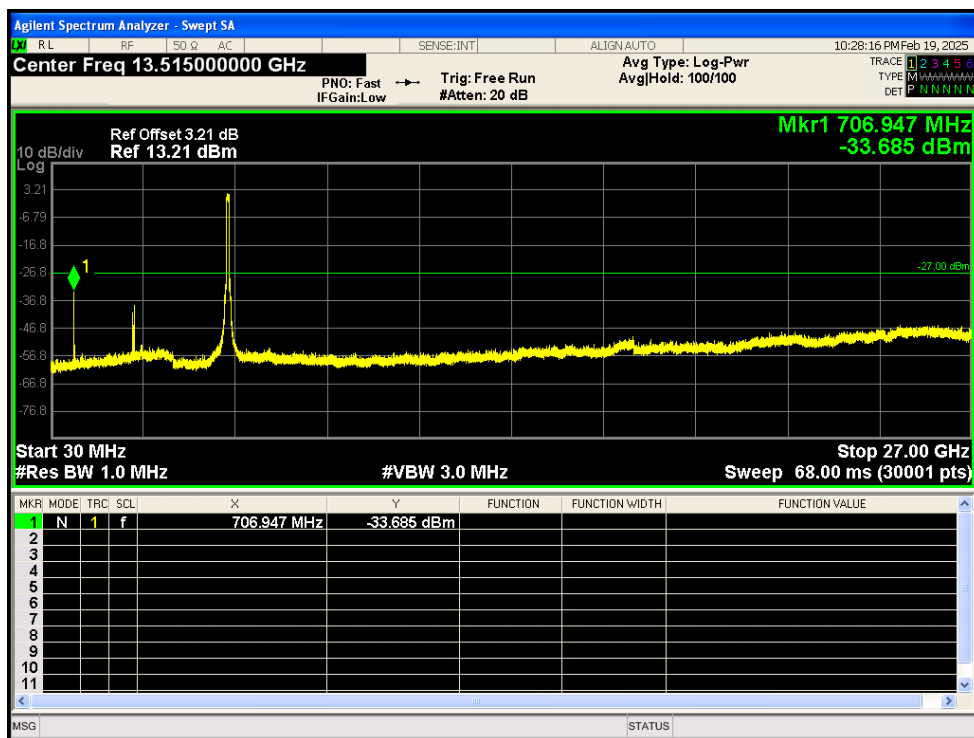
Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



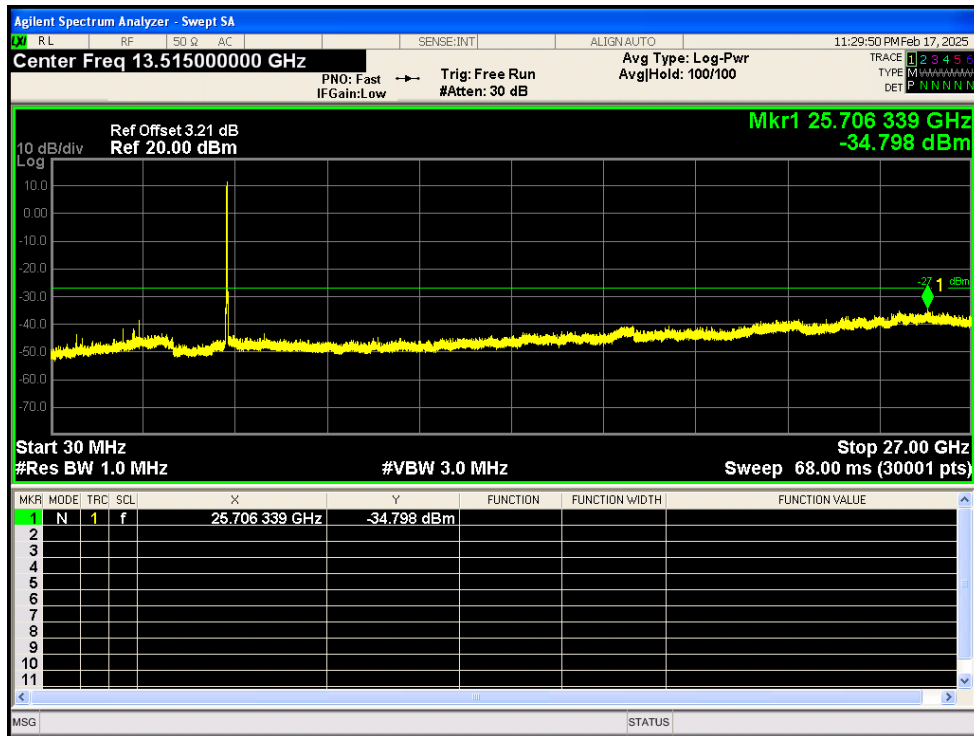
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



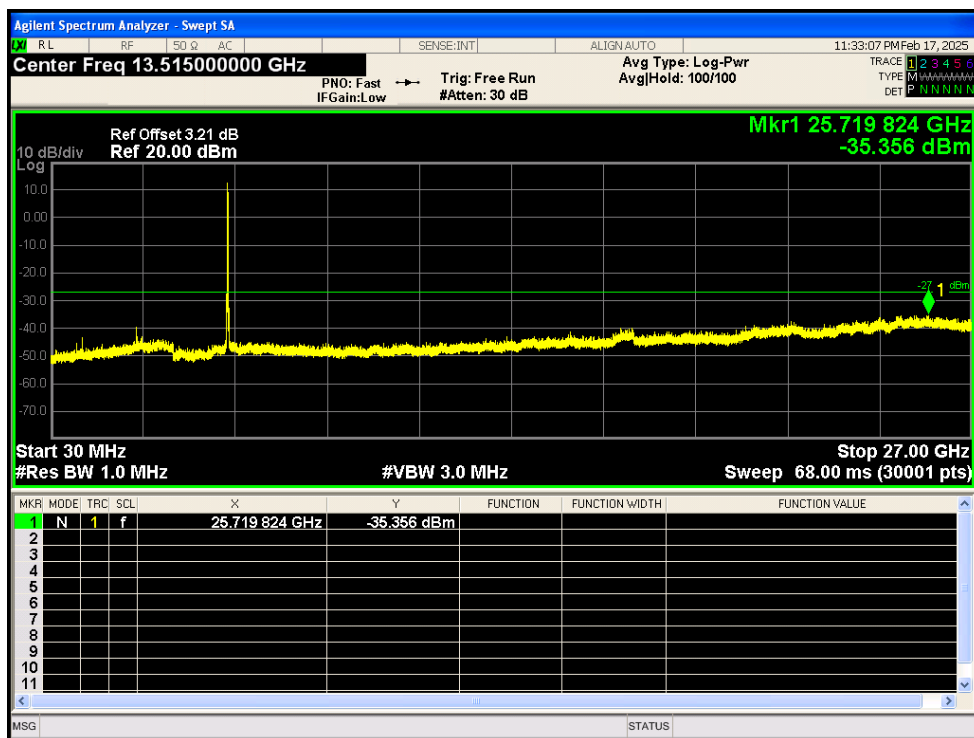
Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



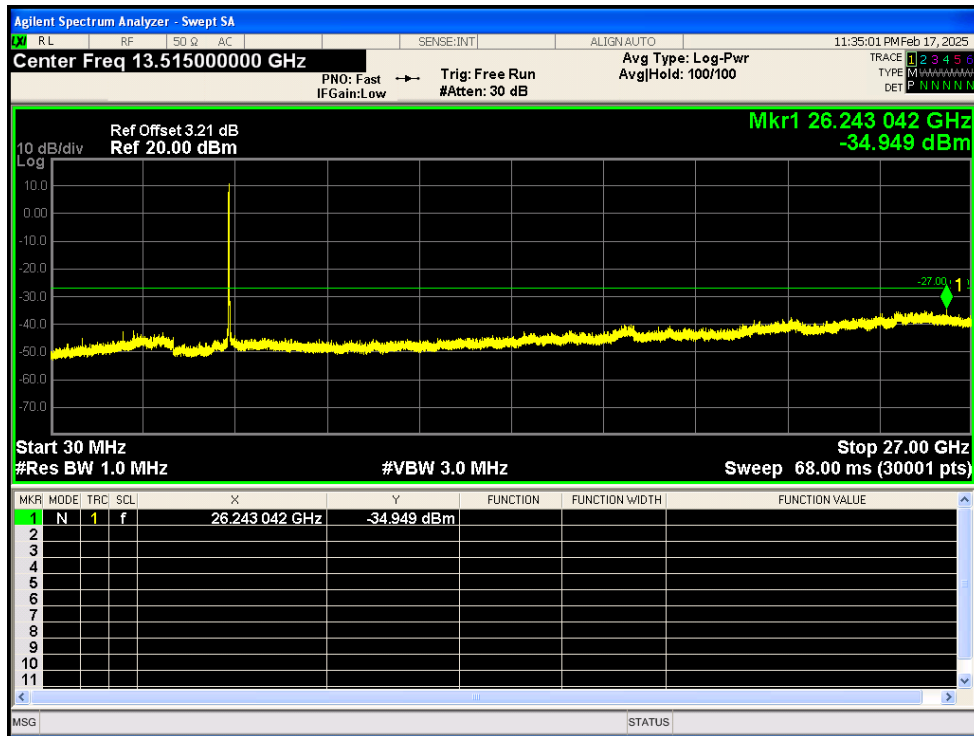
Tx. Spurious NVNT ax20 5180MHz Ant1 Emission



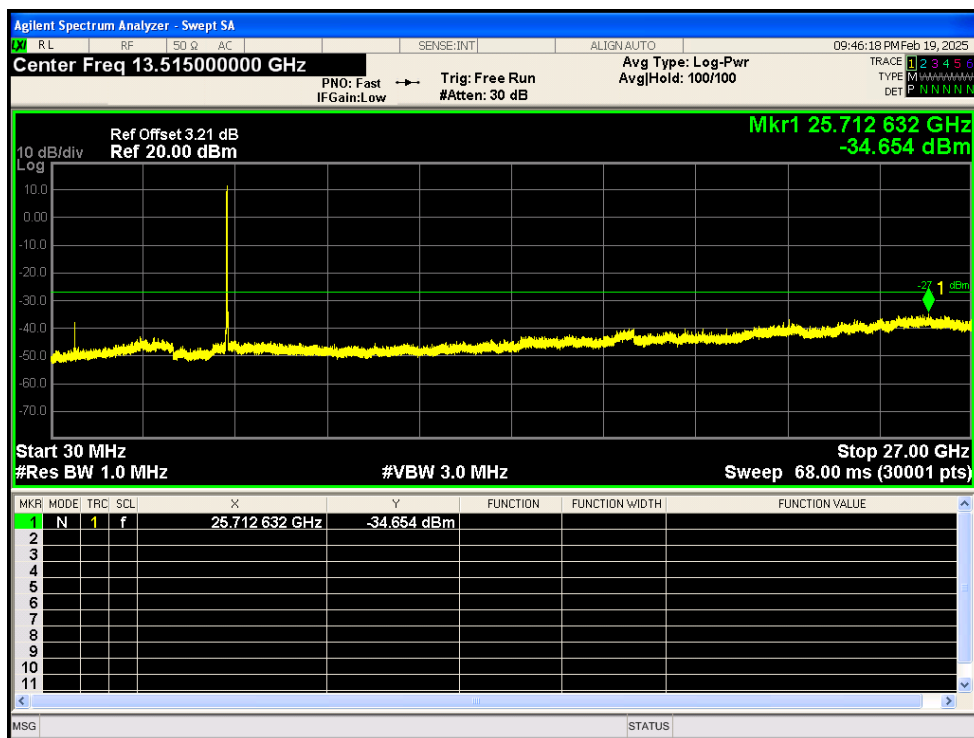
Tx. Spurious NVNT ax20 5200MHz Ant1 Emission



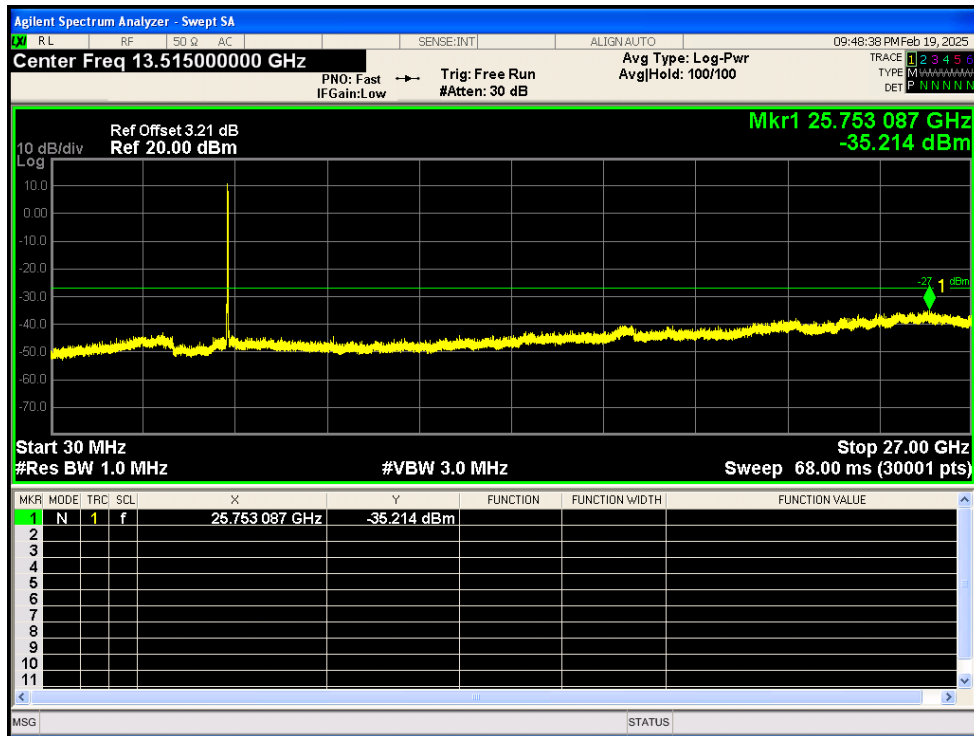
Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



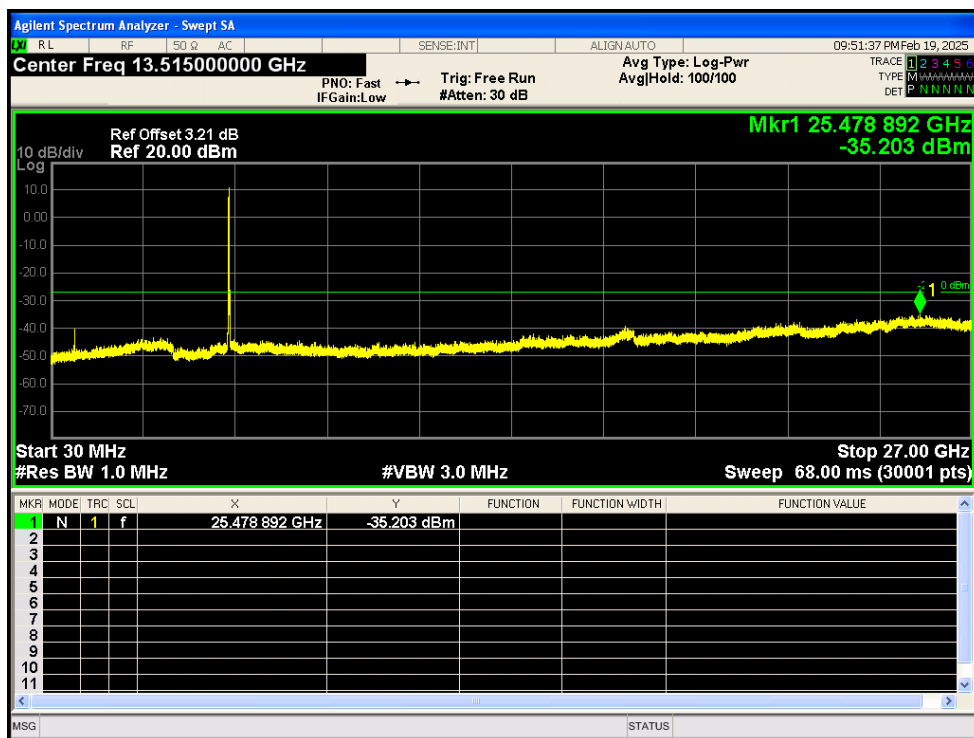
Tx. Spurious NVNT ax20 5180MHz Ant2 Emission



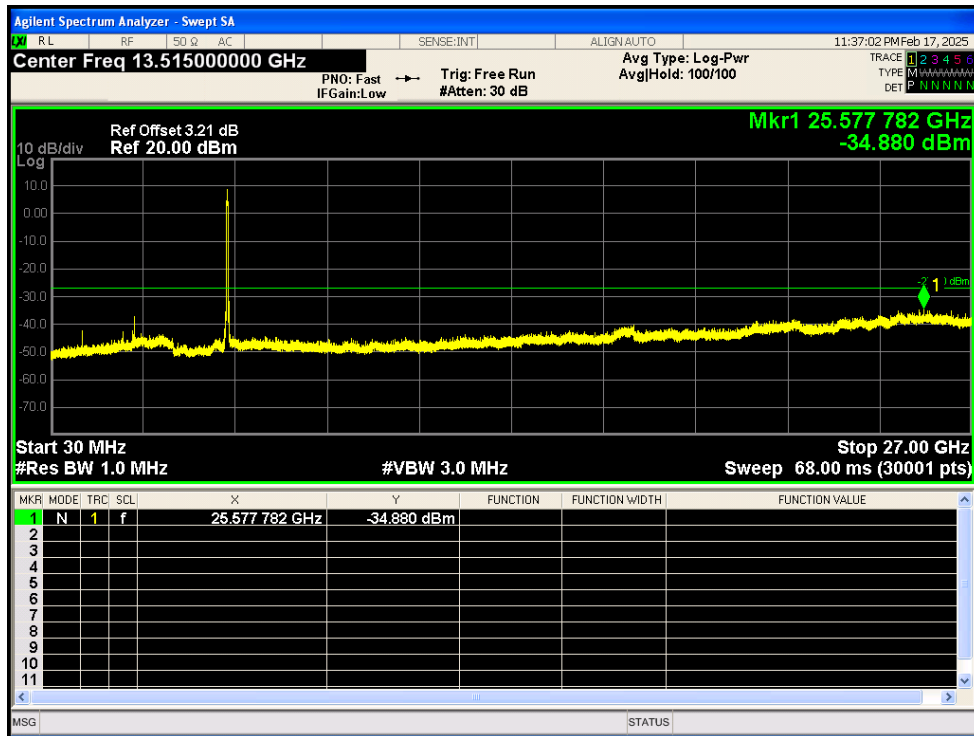
Tx. Spurious NVNT ax20 5200MHz Ant2 Emission



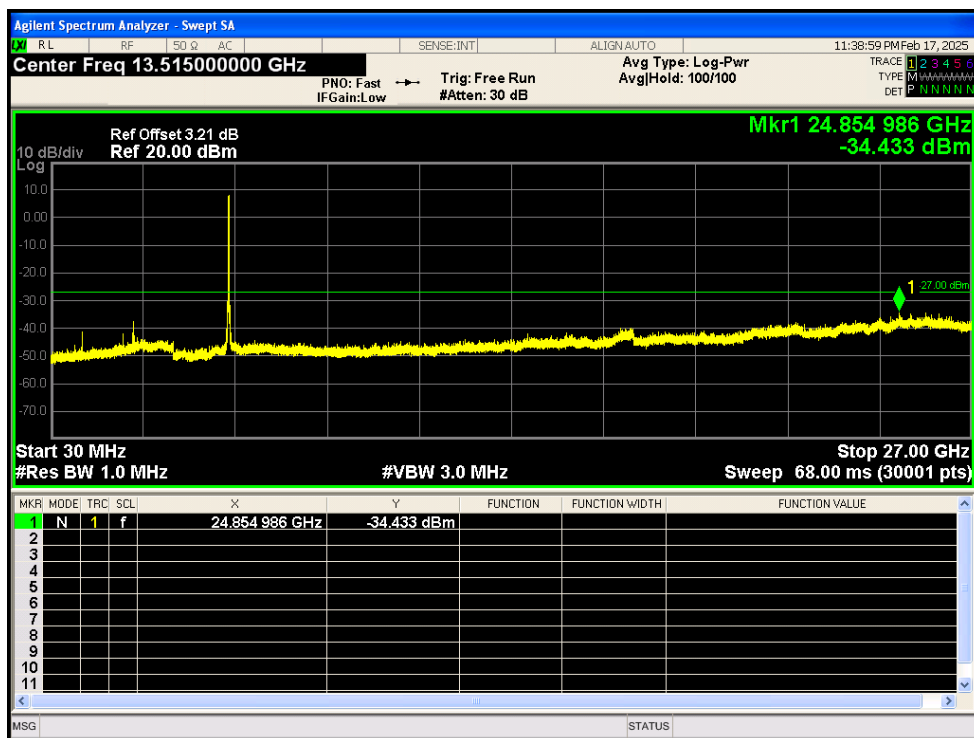
Tx. Spurious NVNT ax20 5240MHz Ant2 Emission



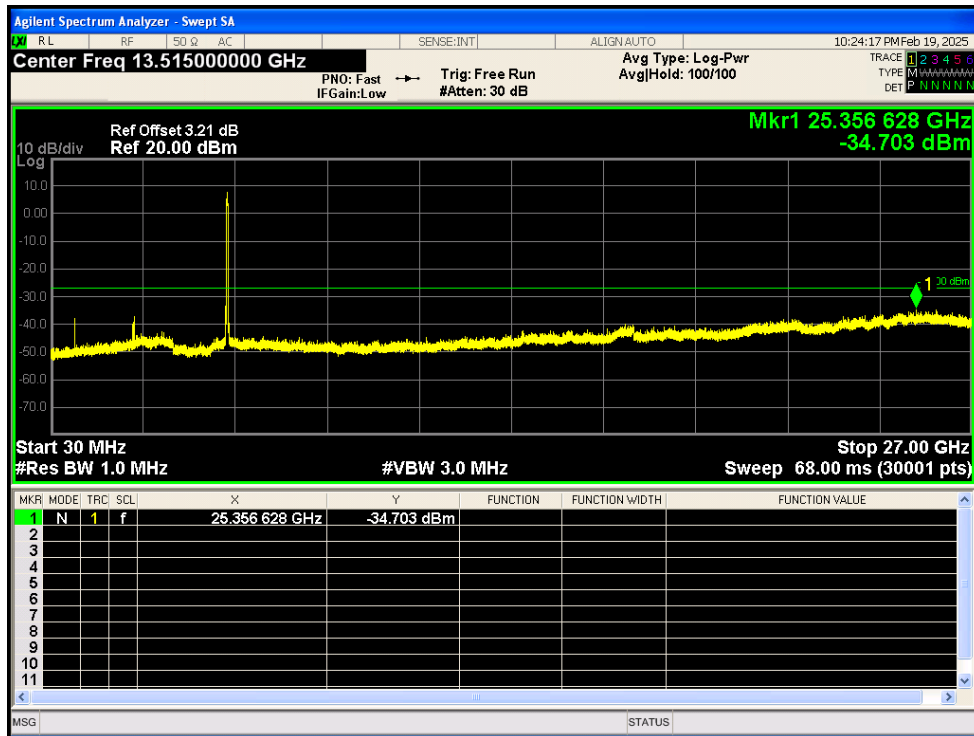
Tx. Spurious NVNT ax40 5190MHz Ant1 Emission



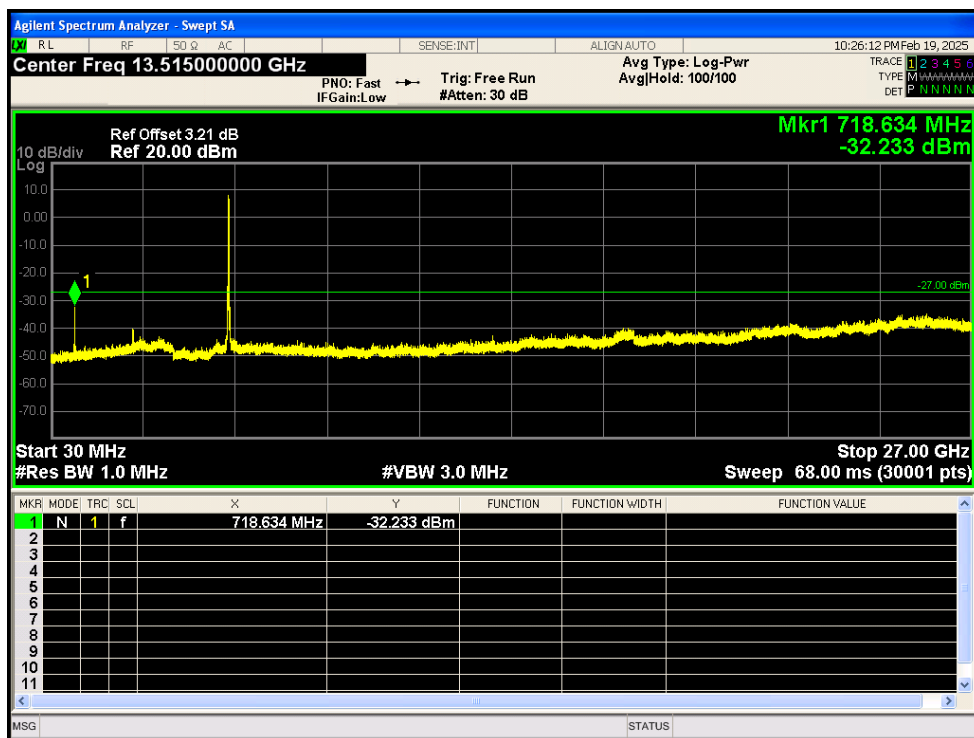
Tx. Spurious NVNT ax40 5230MHz Ant1 Emission



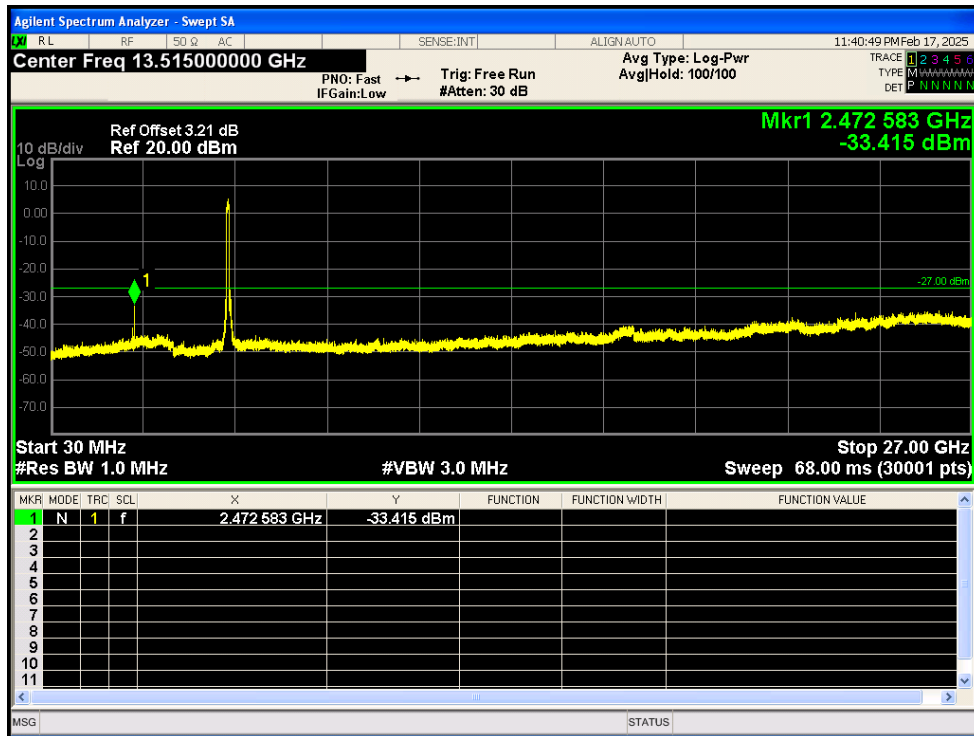
Tx. Spurious NVNT ax40 5190MHz Ant2 Emission



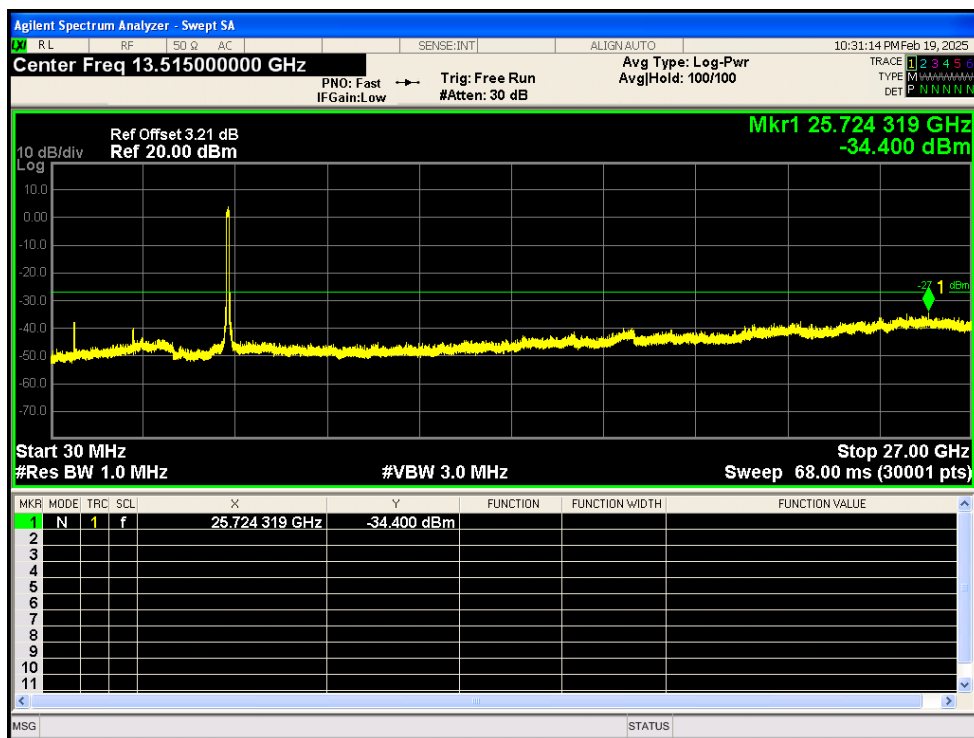
Tx. Spurious NVNT ax40 5230MHz Ant2 Emission



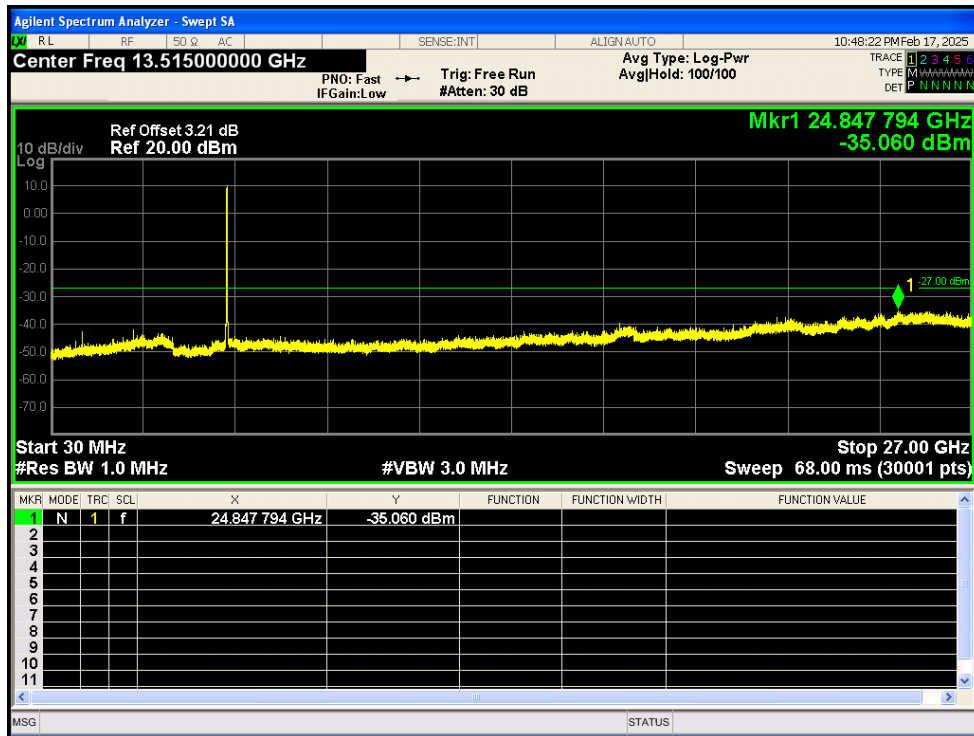
Tx. Spurious NVNT ax80 5210MHz Ant1 Emission



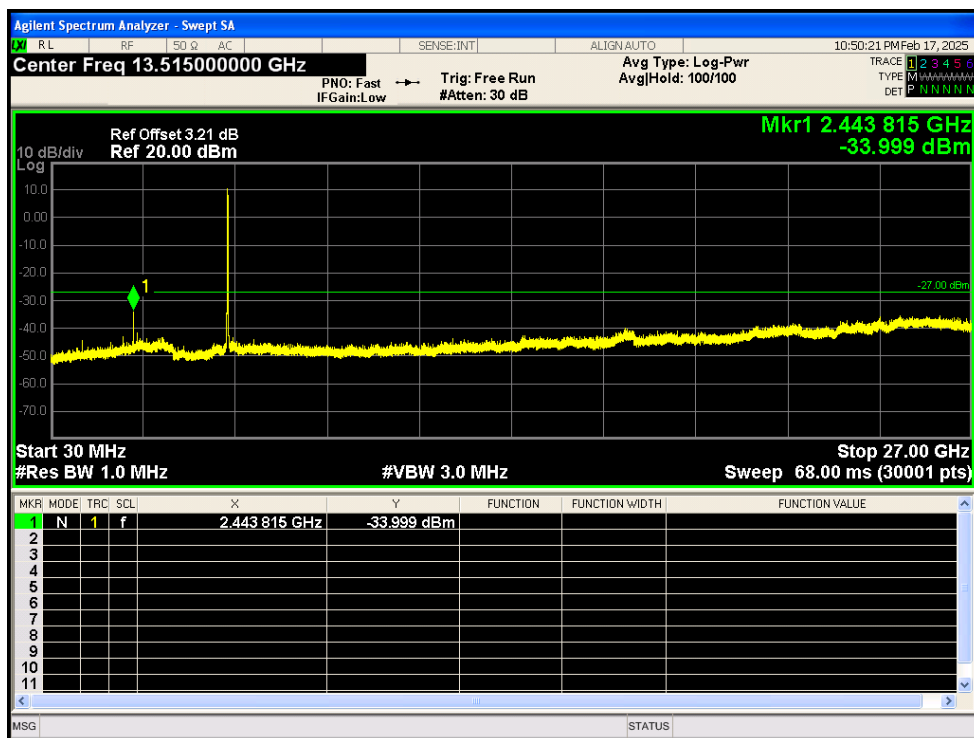
Tx. Spurious NVNT ax80 5210MHz Ant2 Emission



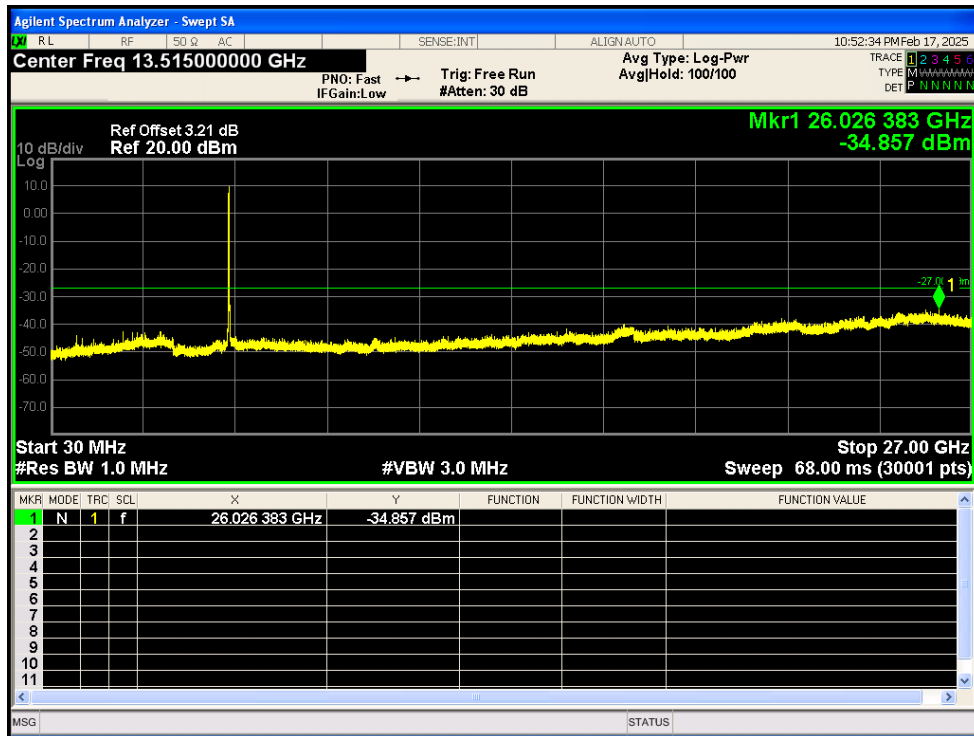
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



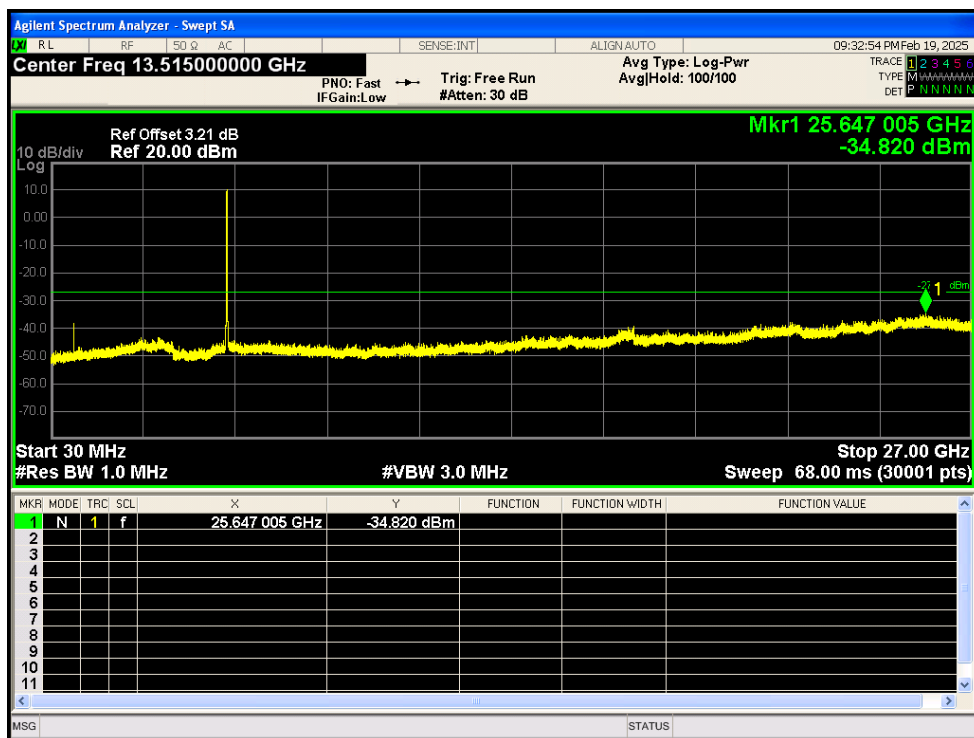
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



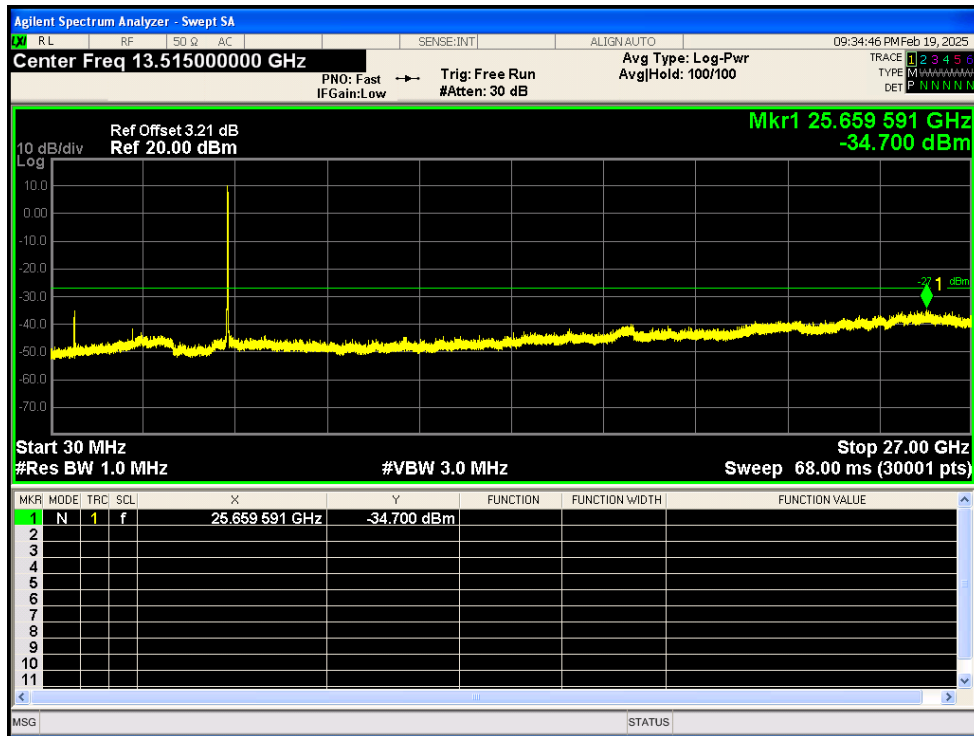
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



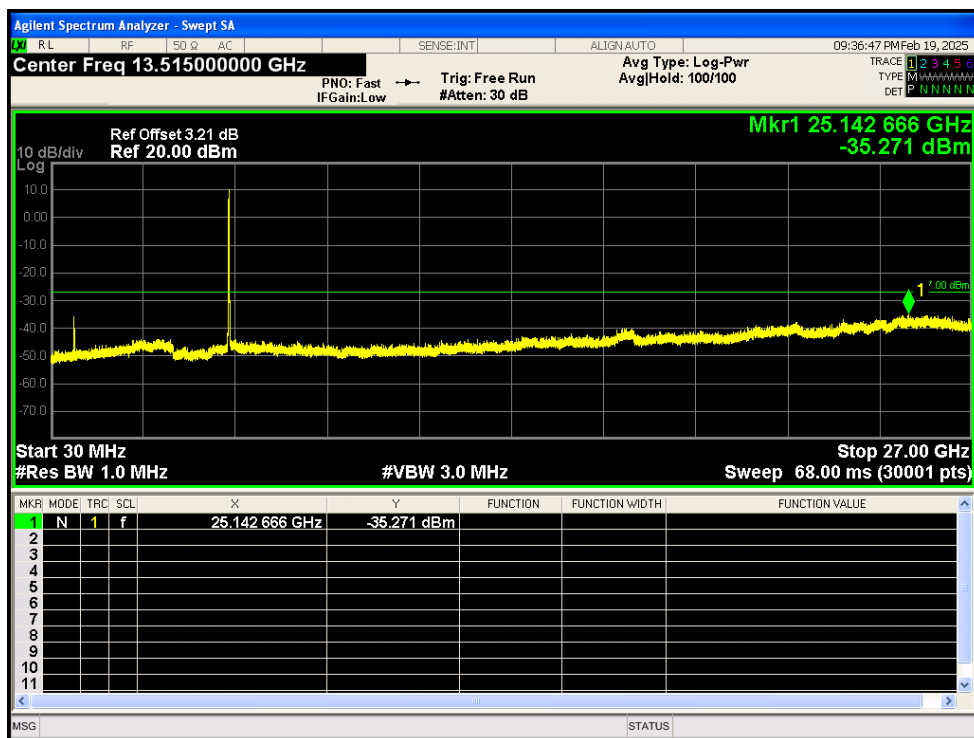
Tx. Spurious NVNT n20 5180MHz Ant2 Emission



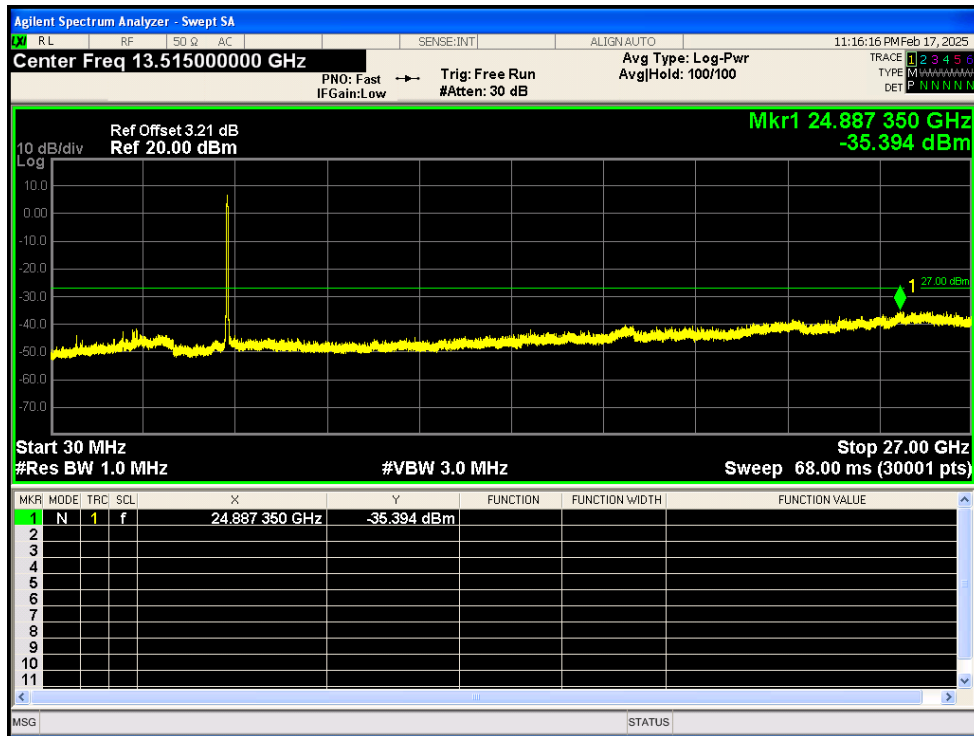
Tx. Spurious NVNT n20 5200MHz Ant2 Emission



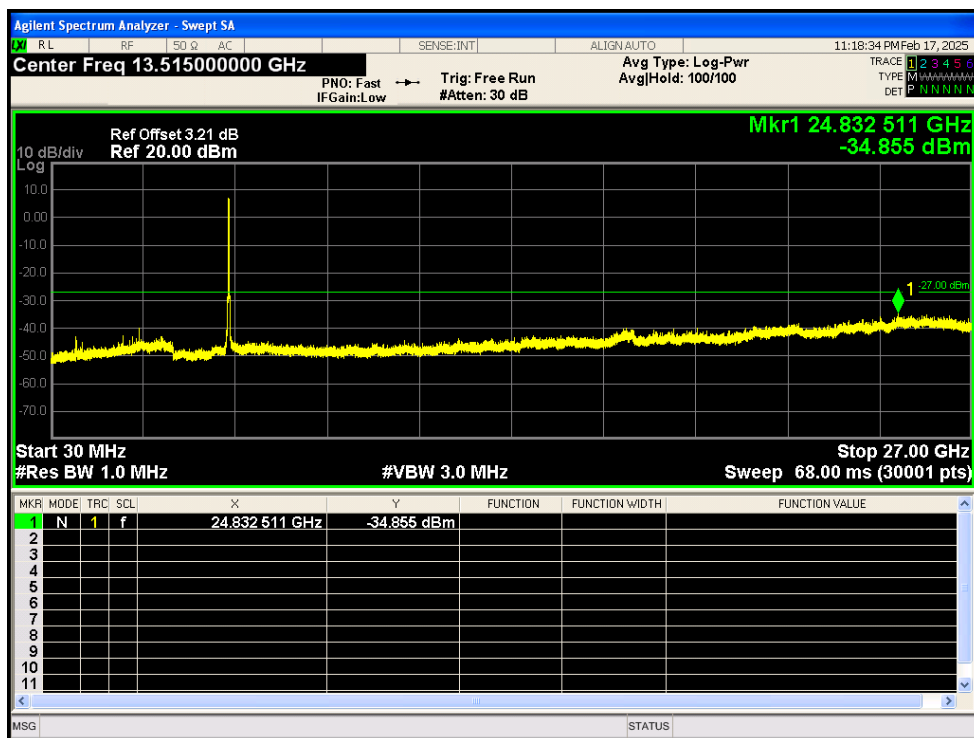
Tx. Spurious NVNT n20 5240MHz Ant2 Emission



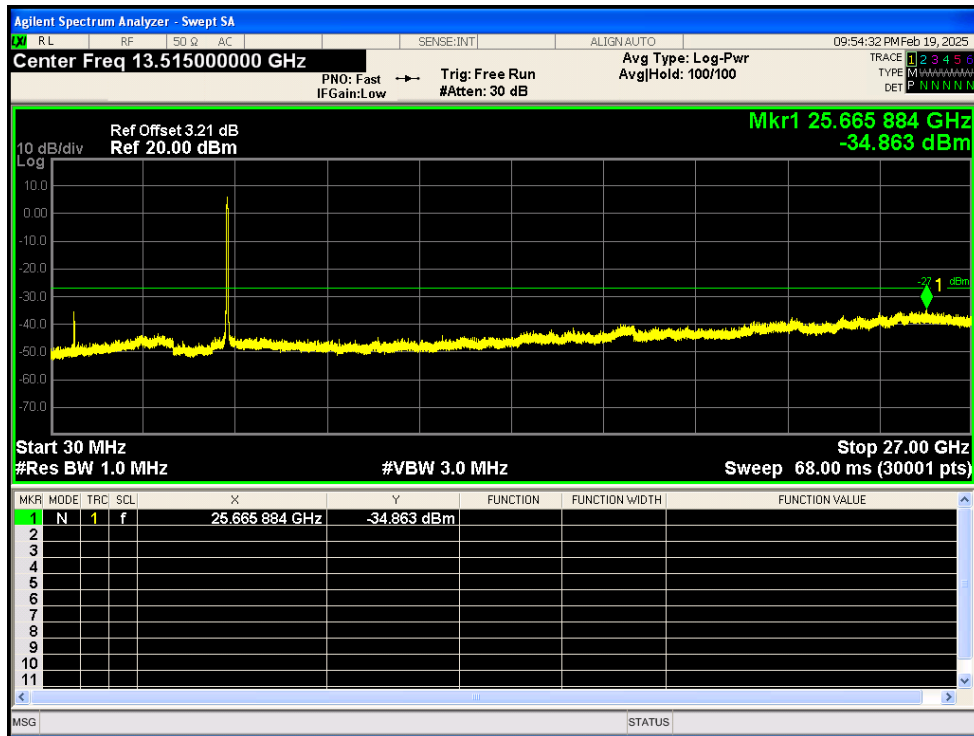
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



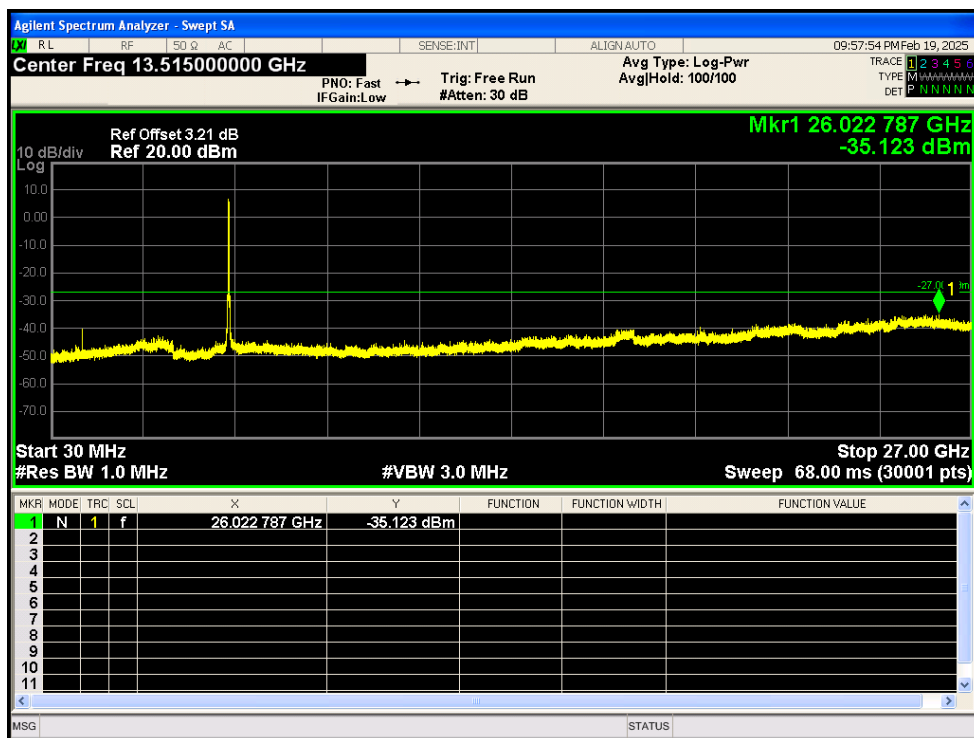
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



Tx. Spurious NVNT n40 5190MHz Ant2 Emission



Tx. Spurious NVNT n40 5230MHz Ant2 Emission



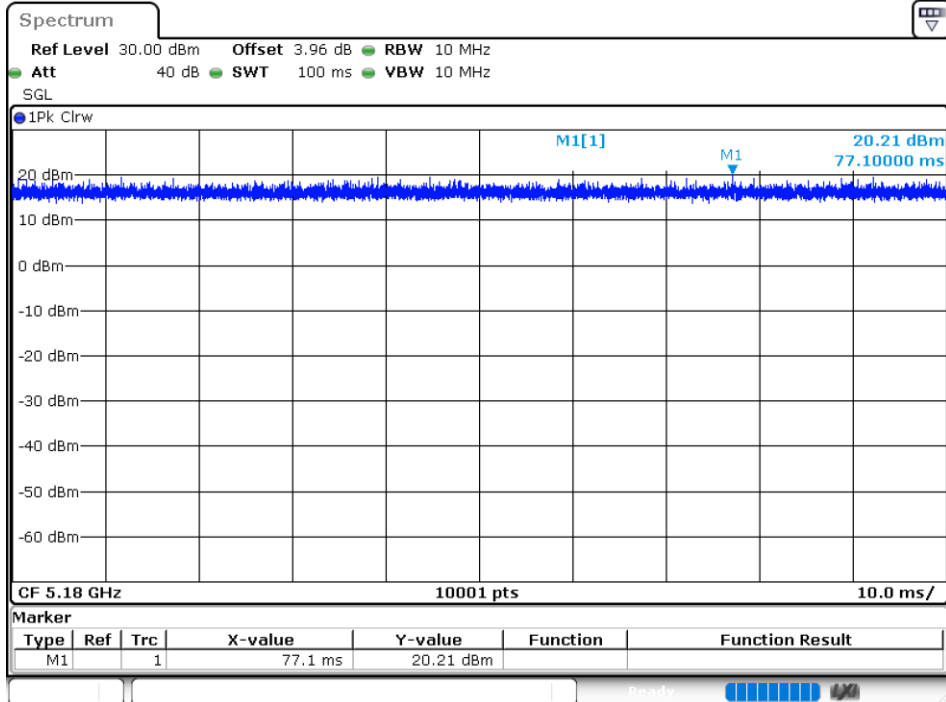
5.2G WIFI-MIMO

Duty Cycle

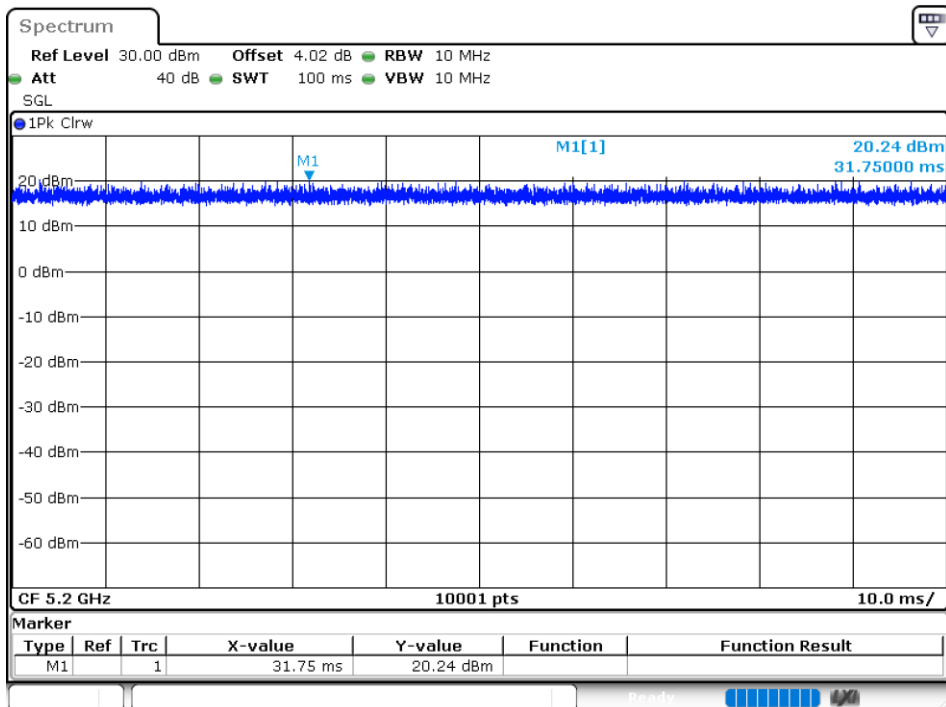
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5180	Sum	100	0	0
NVNT	ac20	5200	Sum	100	0	0
NVNT	ac20	5240	Sum	100	0	0
NVNT	ac40	5190	Sum	100	0	0
NVNT	ac40	5230	Sum	100	0	0
NVNT	ac80	5210	Sum	100	0	0
NVNT	ax20	5180	Sum	100	0	0
NVNT	ax20	5200	Sum	100	0	0
NVNT	ax20	5240	Sum	100	0	0
NVNT	ax40	5190	Sum	100	0	0
NVNT	ax40	5230	Sum	100	0	0
NVNT	ax80	5210	Sum	100	0	0
NVNT	n20	5180	Sum	100	0	0
NVNT	n20	5200	Sum	100	0	0
NVNT	n20	5240	Sum	100	0	0
NVNT	n40	5190	Sum	100	0	0
NVNT	n40	5230	Sum	100	0	0

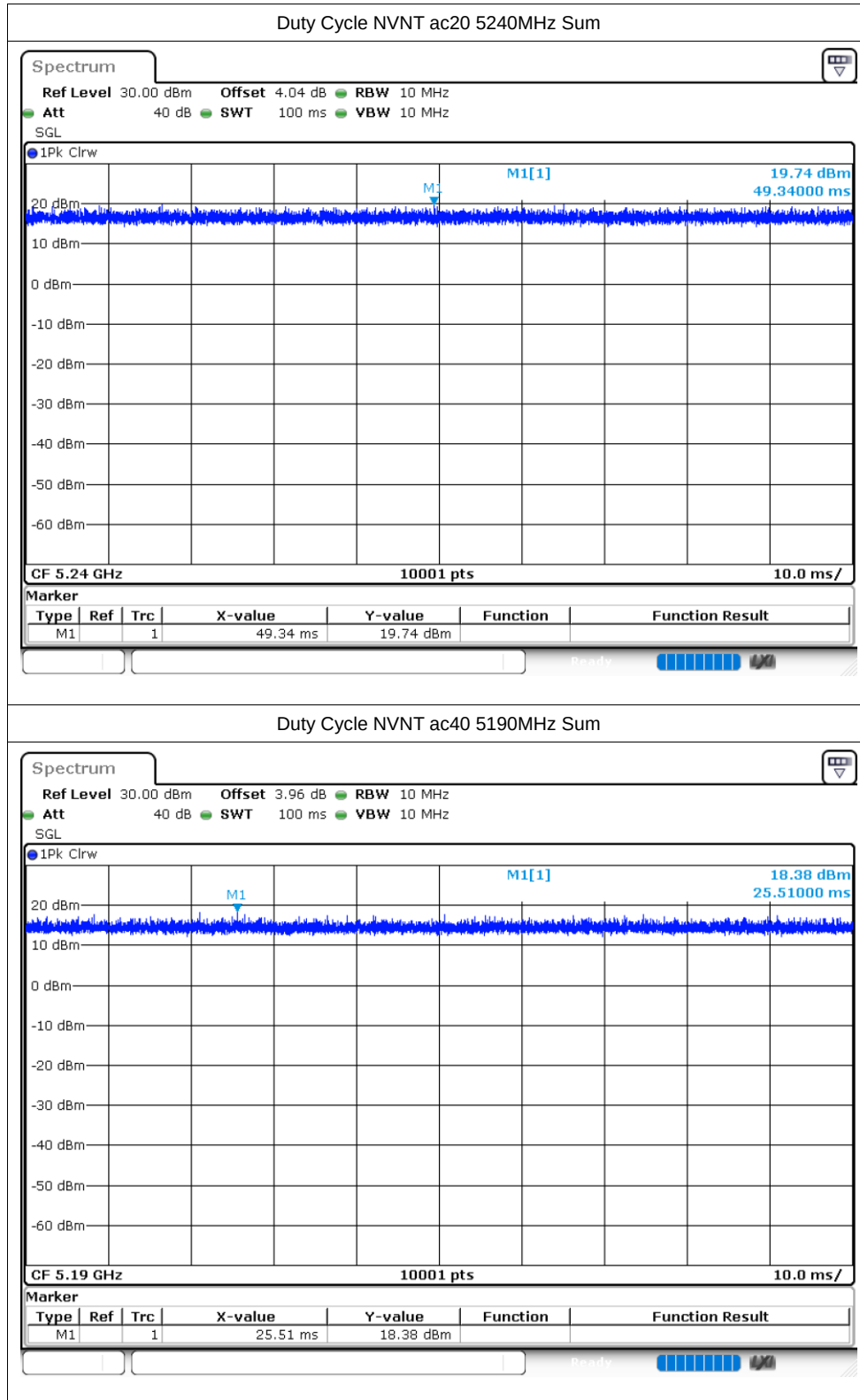
Test Graphs

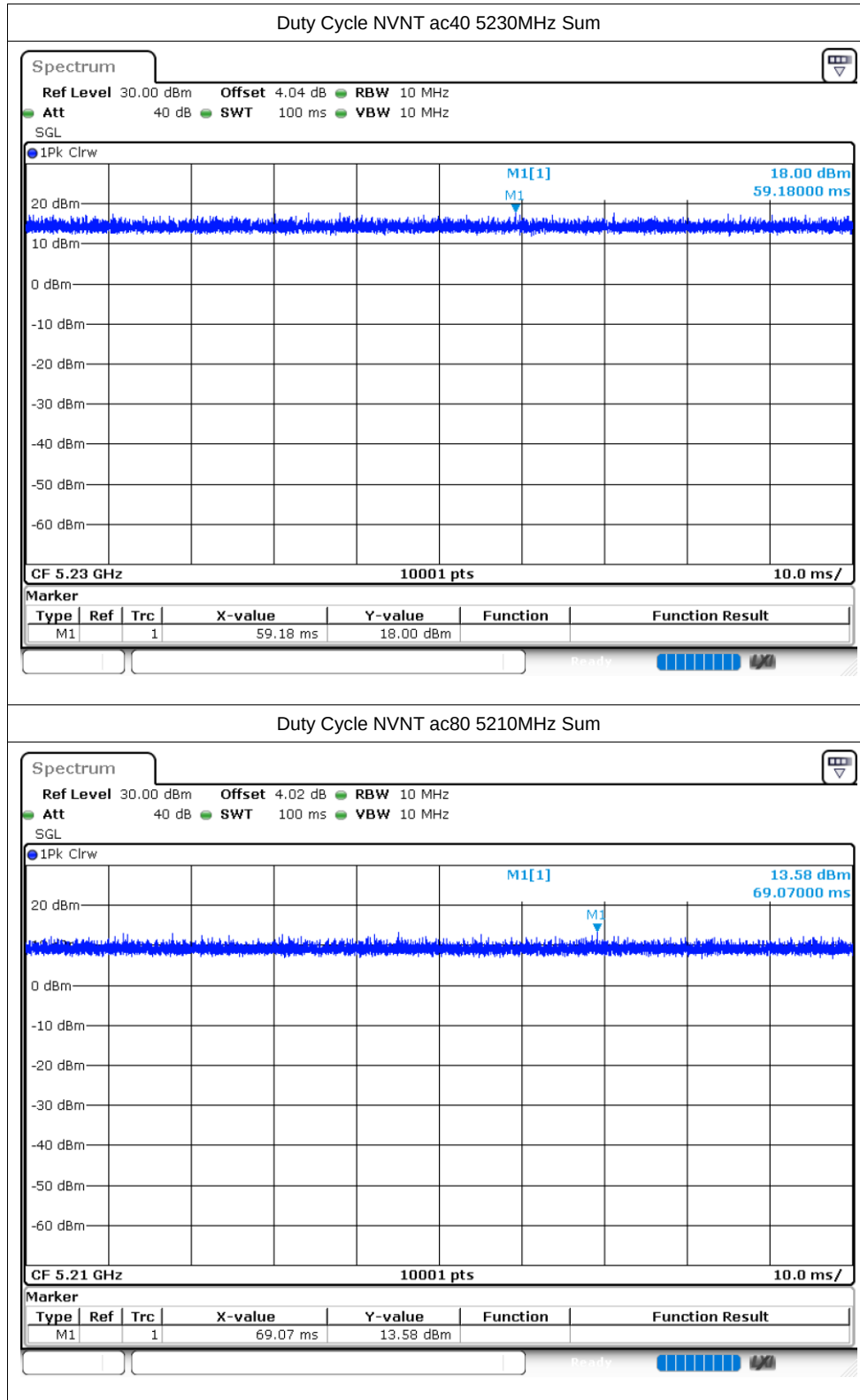
Duty Cycle NVNT ac20 5180MHz Sum

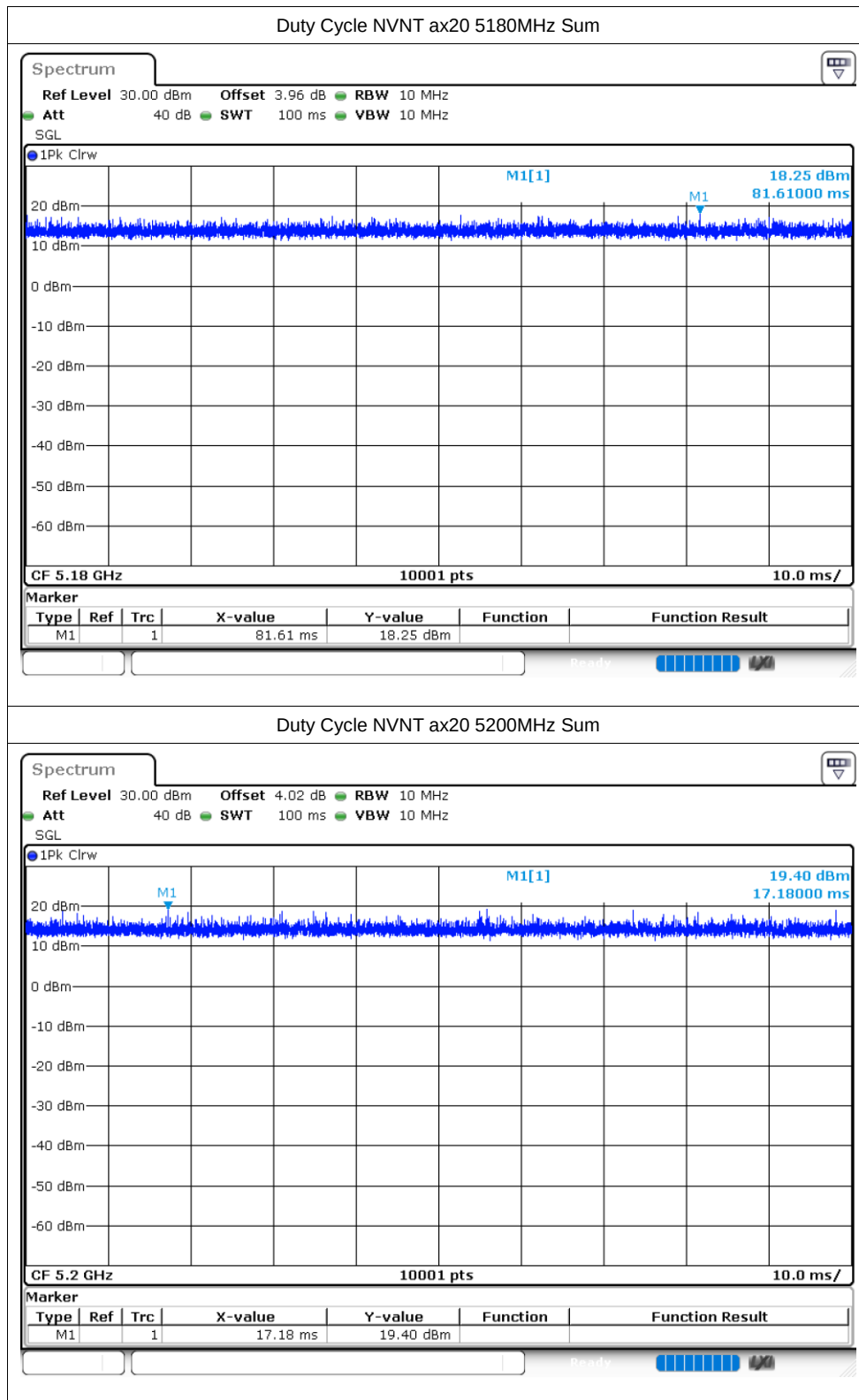


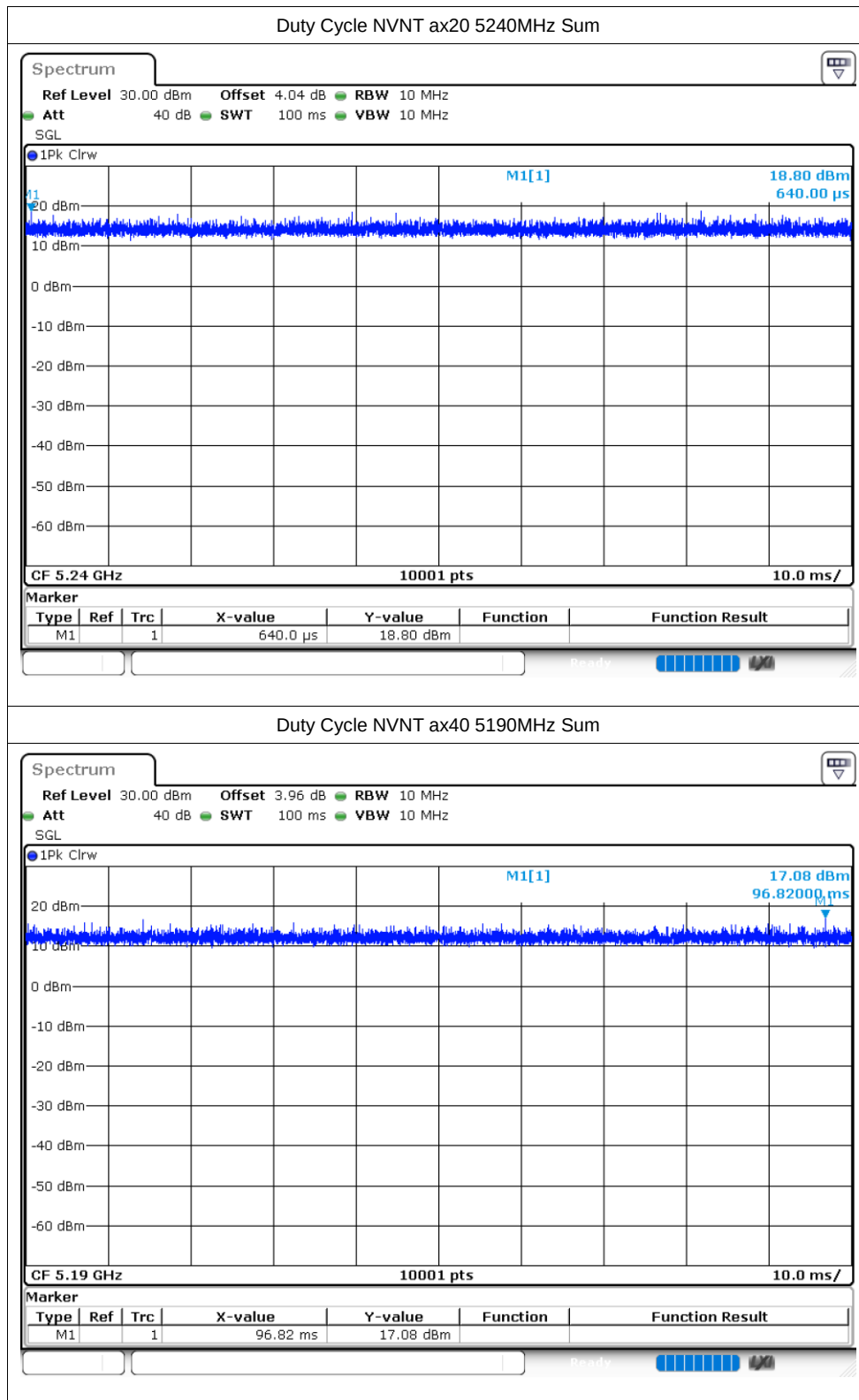
Duty Cycle NVNT ac20 5200MHz Sum

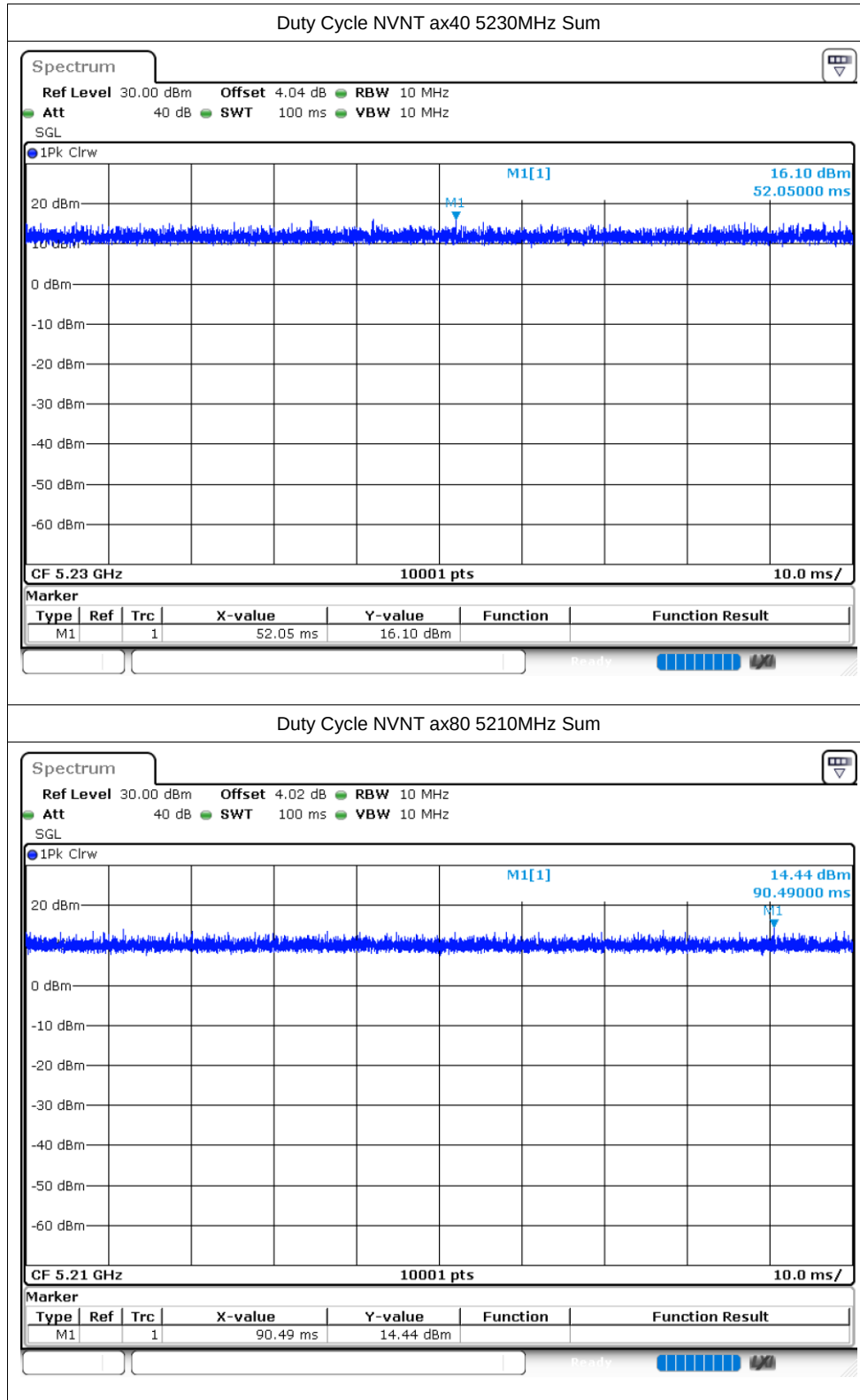


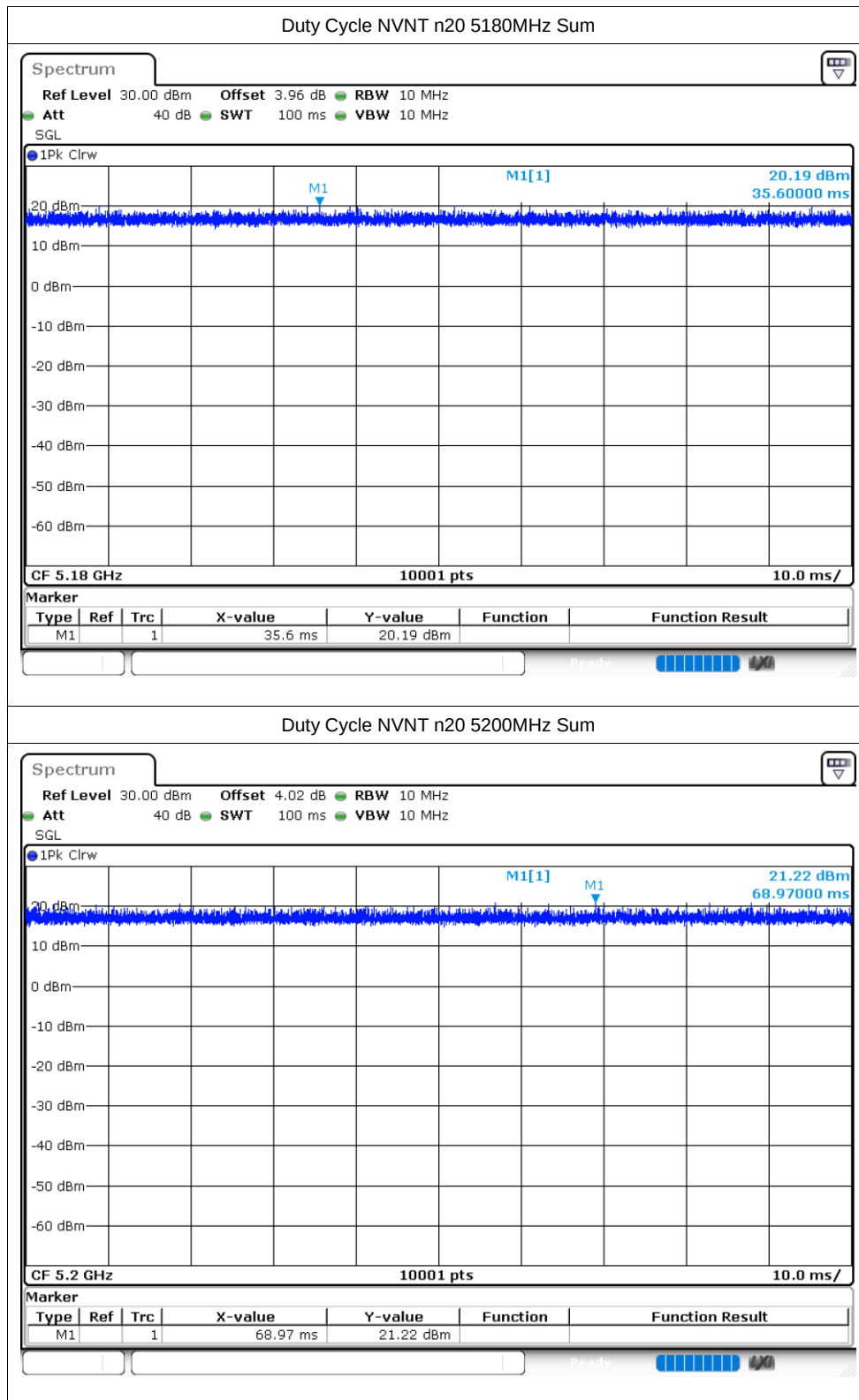


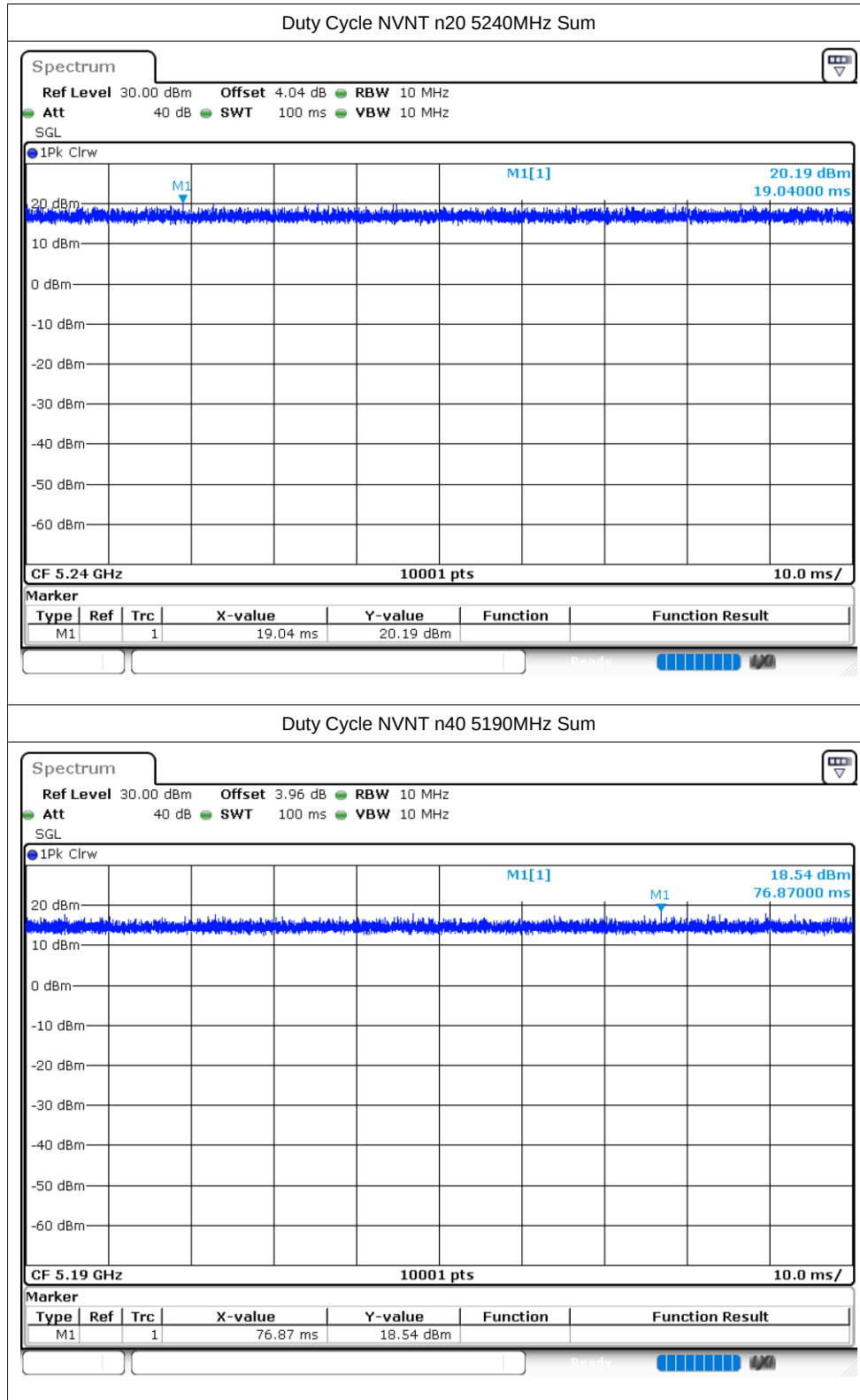


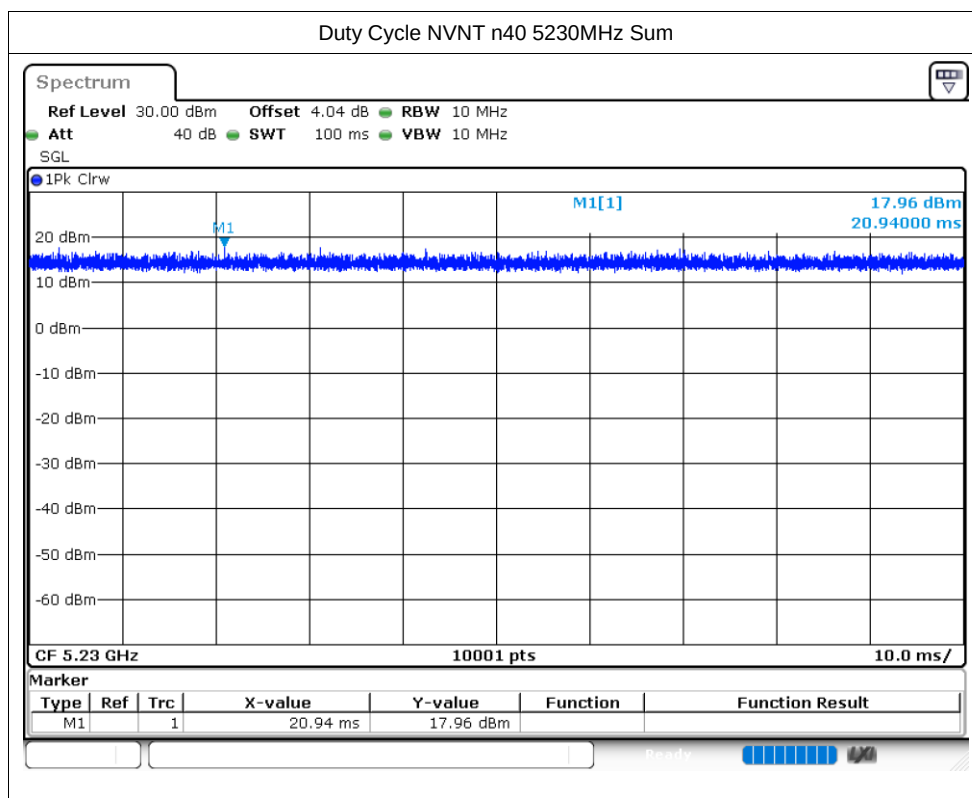












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	10.75	21.82	Pass
NVNT	ac20	5180	Ant2	10.59	21.82	Pass
NVNT	ac20	5180	Sum	13.68	21.82	Pass
NVNT	ac20	5200	Ant1	10.94	21.82	Pass
NVNT	ac20	5200	Ant2	10.69	21.82	Pass
NVNT	ac20	5200	Sum	13.83	21.82	Pass
NVNT	ac20	5240	Ant1	12.17	21.82	Pass
NVNT	ac20	5240	Ant2	10.07	21.82	Pass
NVNT	ac20	5240	Sum	14.26	21.82	Pass
NVNT	ac40	5190	Ant1	10.78	21.82	Pass
NVNT	ac40	5190	Ant2	10.6	21.82	Pass
NVNT	ac40	5190	Sum	13.7	21.82	Pass
NVNT	ac40	5230	Ant1	11.63	21.82	Pass
NVNT	ac40	5230	Ant2	10.26	21.82	Pass
NVNT	ac40	5230	Sum	14.01	21.82	Pass
NVNT	ac80	5210	Ant1	10.81	21.82	Pass
NVNT	ac80	5210	Ant2	9.94	21.82	Pass
NVNT	ac80	5210	Sum	13.41	21.82	Pass
NVNT	ax20	5180	Ant1	9.95	21.82	Pass
NVNT	ax20	5180	Ant2	11.22	21.82	Pass
NVNT	ax20	5180	Sum	13.64	21.82	Pass
NVNT	ax20	5200	Ant1	9.18	21.82	Pass
NVNT	ax20	5200	Ant2	8.58	21.82	Pass
NVNT	ax20	5200	Sum	12.3	21.82	Pass
NVNT	ax20	5240	Ant1	10.34	21.82	Pass
NVNT	ax20	5240	Ant2	8.3	21.82	Pass
NVNT	ax20	5240	Sum	12.45	21.82	Pass
NVNT	ax40	5190	Ant1	9.34	21.82	Pass
NVNT	ax40	5190	Ant2	8.49	21.82	Pass
NVNT	ax40	5190	Sum	11.95	21.82	Pass
NVNT	ax40	5230	Ant1	9.83	21.82	Pass
NVNT	ax40	5230	Ant2	8.41	21.82	Pass
NVNT	ax40	5230	Sum	12.19	21.82	Pass
NVNT	ax80	5210	Ant1	11.03	21.82	Pass
NVNT	ax80	5210	Ant2	10.19	21.82	Pass
NVNT	ax80	5210	Sum	13.64	21.82	Pass
NVNT	n20	5180	Ant1	11.14	21.82	Pass
NVNT	n20	5180	Ant2	10.89	21.82	Pass
NVNT	n20	5180	Sum	14.03	21.82	Pass
NVNT	n20	5200	Ant1	11.62	21.82	Pass

NVNT	n20	5200	Ant2	10.72	21.82	Pass
NVNT	n20	5200	Sum	14.2	21.82	Pass
NVNT	n20	5240	Ant1	12.38	21.82	Pass
NVNT	n20	5240	Ant2	10.28	21.82	Pass
NVNT	n20	5240	Sum	14.47	21.82	Pass
NVNT	n40	5190	Ant1	10.95	21.82	Pass
NVNT	n40	5190	Ant2	10.57	21.82	Pass
NVNT	n40	5190	Sum	13.77	21.82	Pass
NVNT	n40	5230	Ant1	11.87	21.82	Pass
NVNT	n40	5230	Ant2	10.2	21.82	Pass
NVNT	n40	5230	Sum	14.13	21.82	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	ac20	5180	Ant1	20.208	0.5	Pass
NVNT	ac20	5180	Ant2	20.034	0.5	Pass
NVNT	ac20	5200	Ant1	20.01	0.5	Pass
NVNT	ac20	5200	Ant2	20.124	0.5	Pass
NVNT	ac20	5240	Ant1	19.83	0.5	Pass
NVNT	ac20	5240	Ant2	19.737	0.5	Pass
NVNT	ac40	5190	Ant1	40.644	0.5	Pass
NVNT	ac40	5190	Ant2	39.936	0.5	Pass
NVNT	ac40	5230	Ant1	40.494	0.5	Pass
NVNT	ac40	5230	Ant2	39.63	0.5	Pass
NVNT	ac80	5210	Ant1	80.352	0.5	Pass
NVNT	ac80	5210	Ant2	80.16	0.5	Pass
NVNT	ax20	5180	Ant1	19.782	0.5	Pass
NVNT	ax20	5180	Ant2	19.896	0.5	Pass
NVNT	ax20	5200	Ant1	19.869	0.5	Pass
NVNT	ax20	5200	Ant2	19.86	0.5	Pass
NVNT	ax20	5240	Ant1	19.89	0.5	Pass
NVNT	ax20	5240	Ant2	19.848	0.5	Pass
NVNT	ax40	5190	Ant1	39.498	0.5	Pass
NVNT	ax40	5190	Ant2	39.48	0.5	Pass
NVNT	ax40	5230	Ant1	39.63	0.5	Pass
NVNT	ax40	5230	Ant2	39.624	0.5	Pass
NVNT	ax80	5210	Ant1	80.676	0.5	Pass
NVNT	ax80	5210	Ant2	80.412	0.5	Pass
NVNT	n20	5180	Ant1	19.491	0.5	Pass
NVNT	n20	5180	Ant2	19.308	0.5	Pass
NVNT	n20	5200	Ant1	19.71	0.5	Pass
NVNT	n20	5200	Ant2	19.284	0.5	Pass
NVNT	n20	5240	Ant1	19.539	0.5	Pass
NVNT	n20	5240	Ant2	19.602	0.5	Pass
NVNT	n40	5190	Ant1	40.362	0.5	Pass
NVNT	n40	5190	Ant2	40.158	0.5	Pass
NVNT	n40	5230	Ant1	41.154	0.5	Pass
NVNT	n40	5230	Ant2	40.284	0.5	Pass

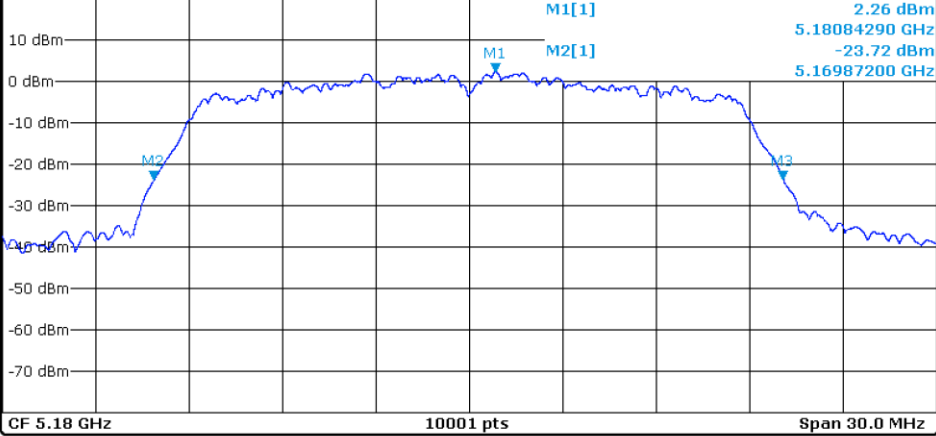
Test Graphs

-26dB Bandwidth NVNT ac20 5180MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.96 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

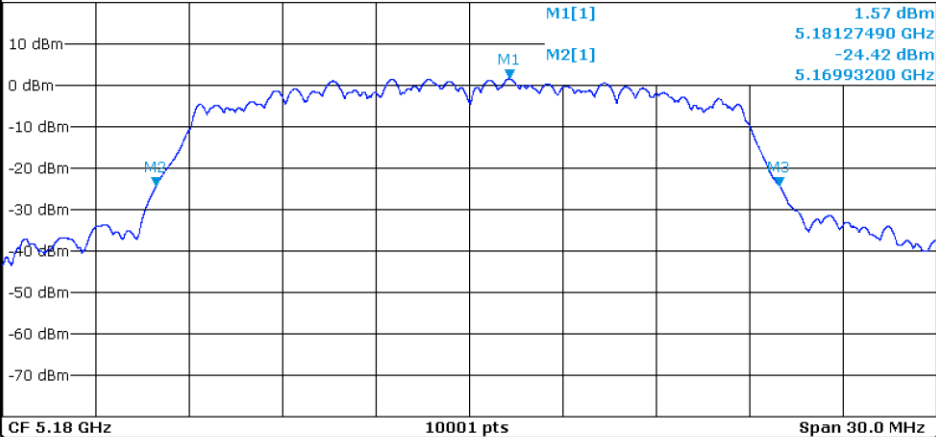
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1808429 GHz	2.26 dBm		
M2	1		5.169872 GHz	-23.72 dBm		
M3	1		5.19008 GHz	-23.73 dBm		

-26dB Bandwidth NVNT ac20 5180MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 3.98 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

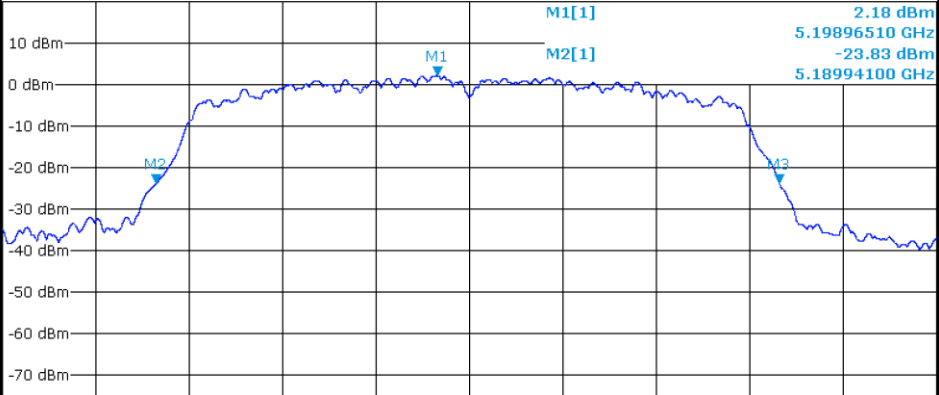
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1812749 GHz	1.57 dBm		
M2	1		5.169932 GHz	-24.42 dBm		
M3	1		5.189966 GHz	-24.42 dBm		

-26dB Bandwidth NVNT ac20 5200MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.02 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



CF 5.2 GHz 10001 pts Span 30.0 MHz

Marker

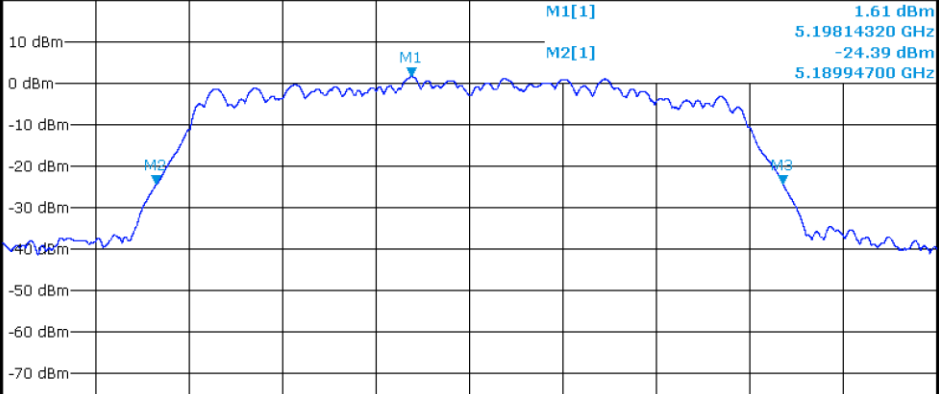
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1989651 GHz	2.18 dBm		
M2		1	5.189941 GHz	-23.83 dBm		
M3		1	5.209951 GHz	-23.78 dBm		

-26dB Bandwidth NVNT ac20 5200MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.05 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

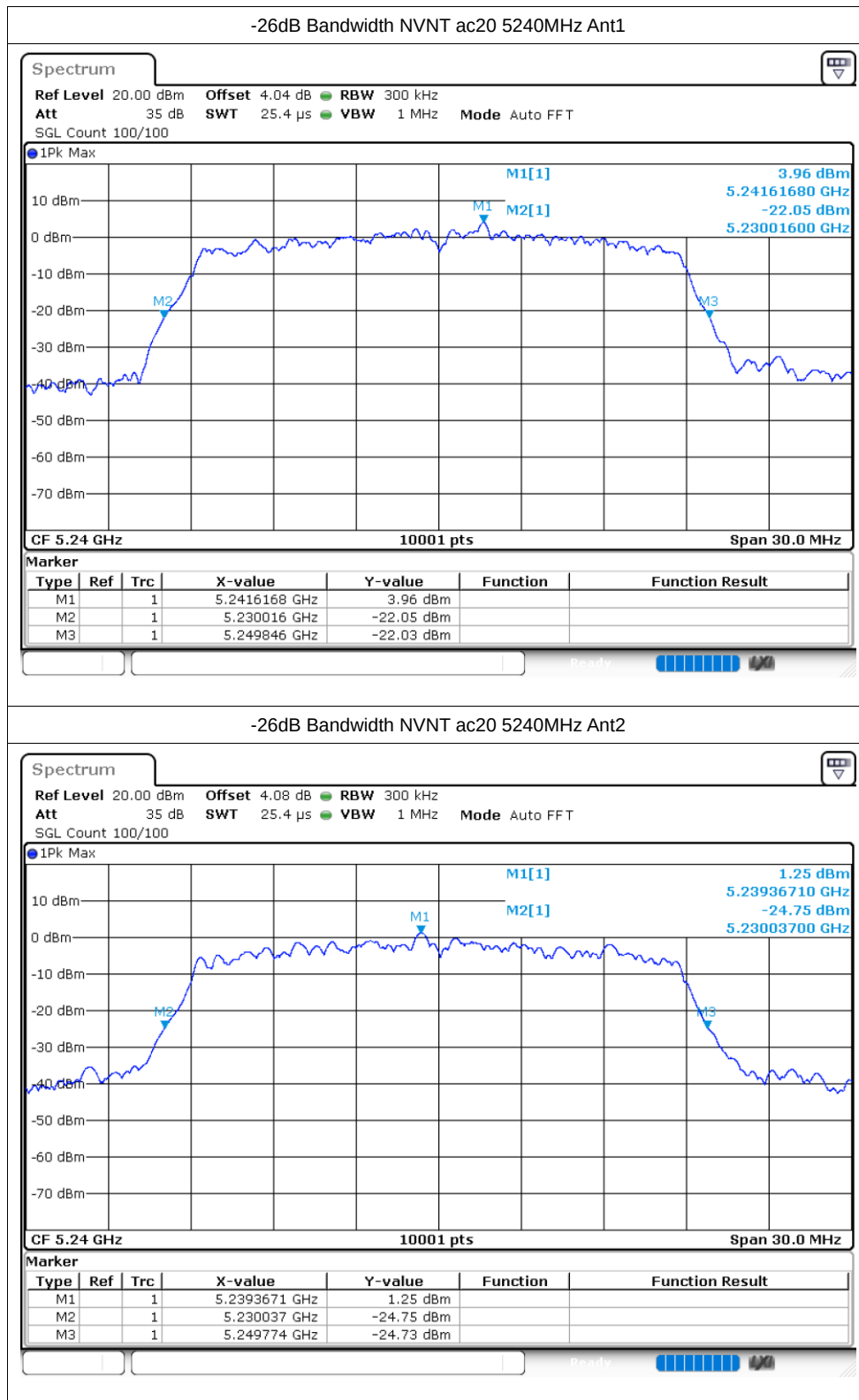
1Pk Max

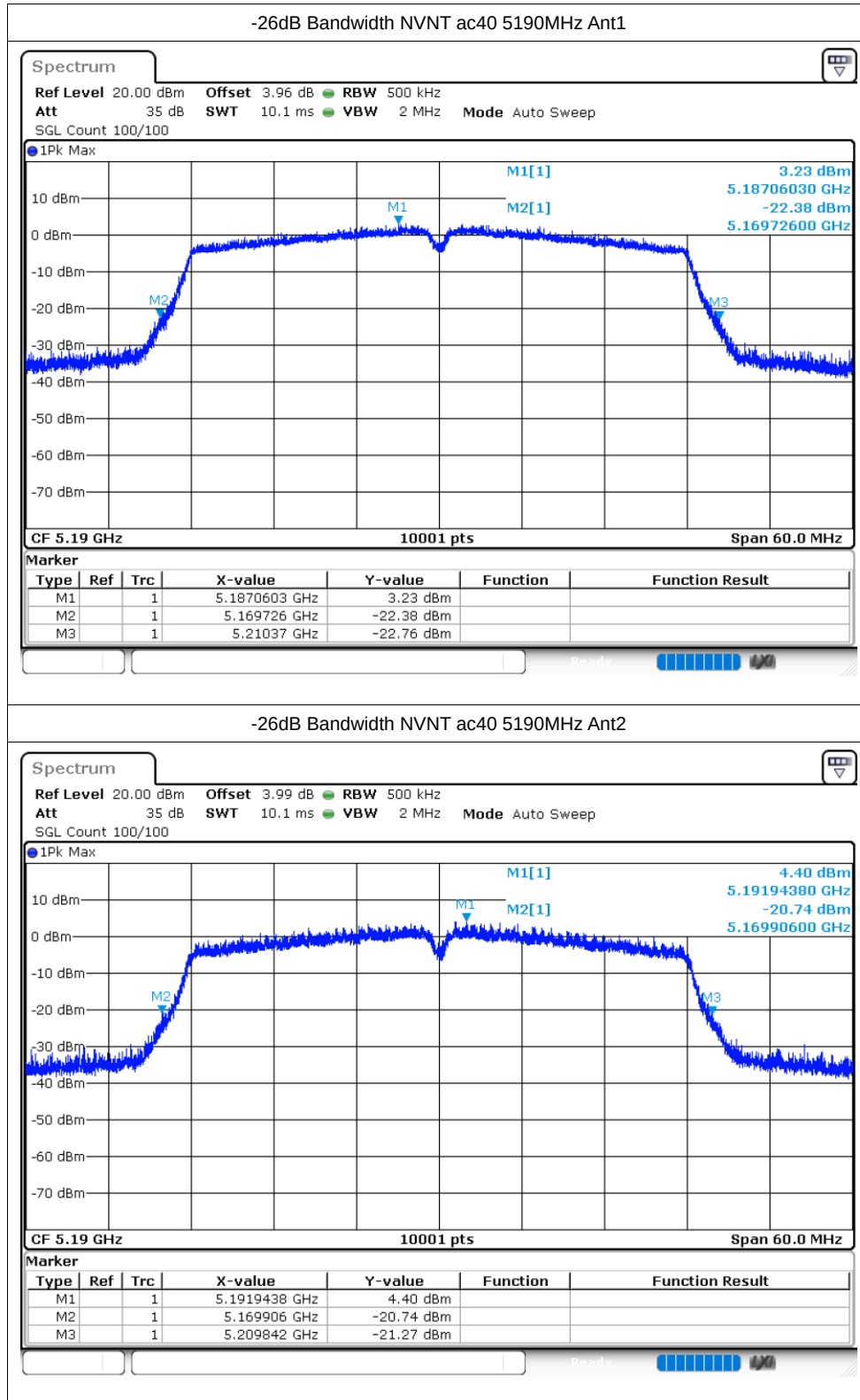


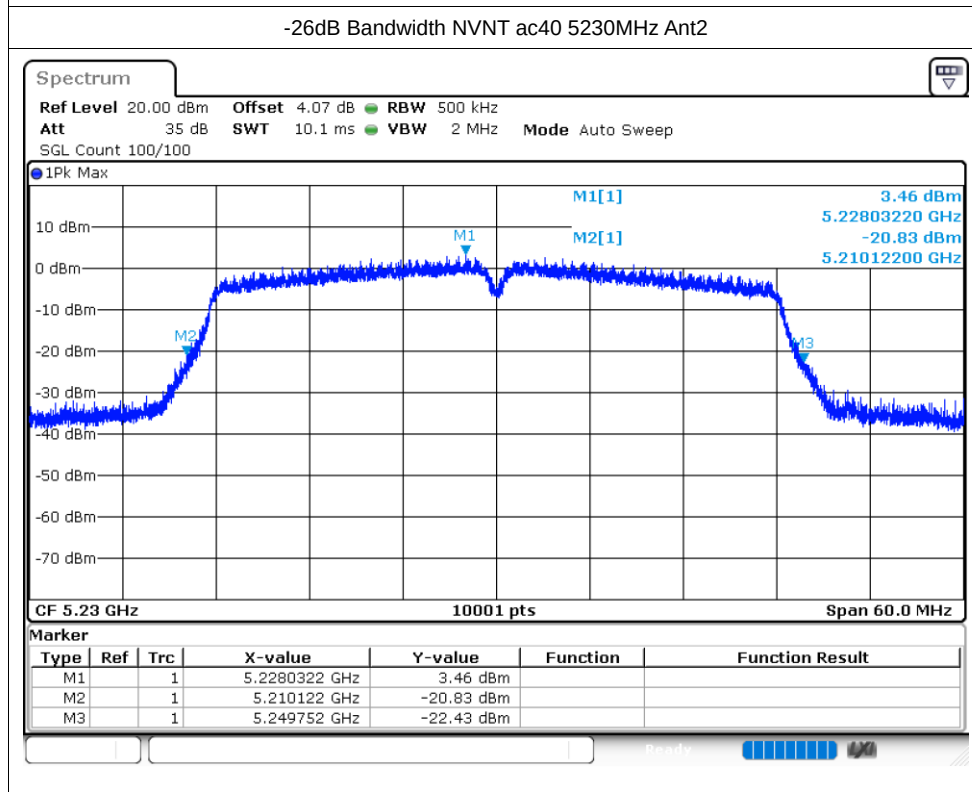
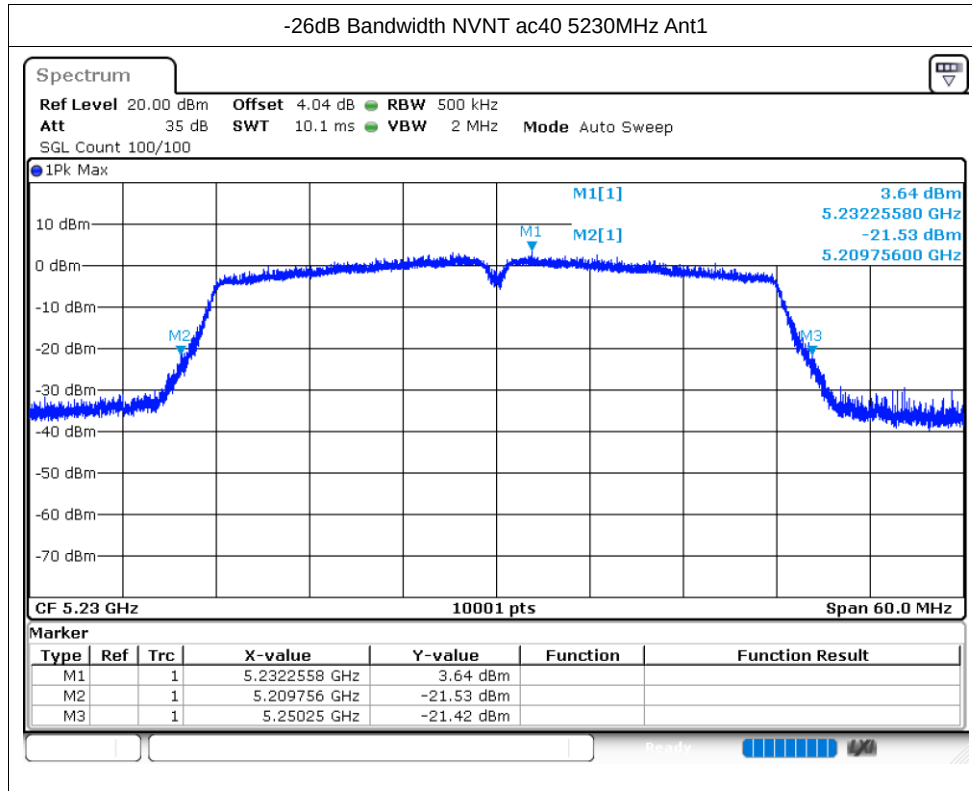
CF 5.2 GHz 10001 pts Span 30.0 MHz

Marker

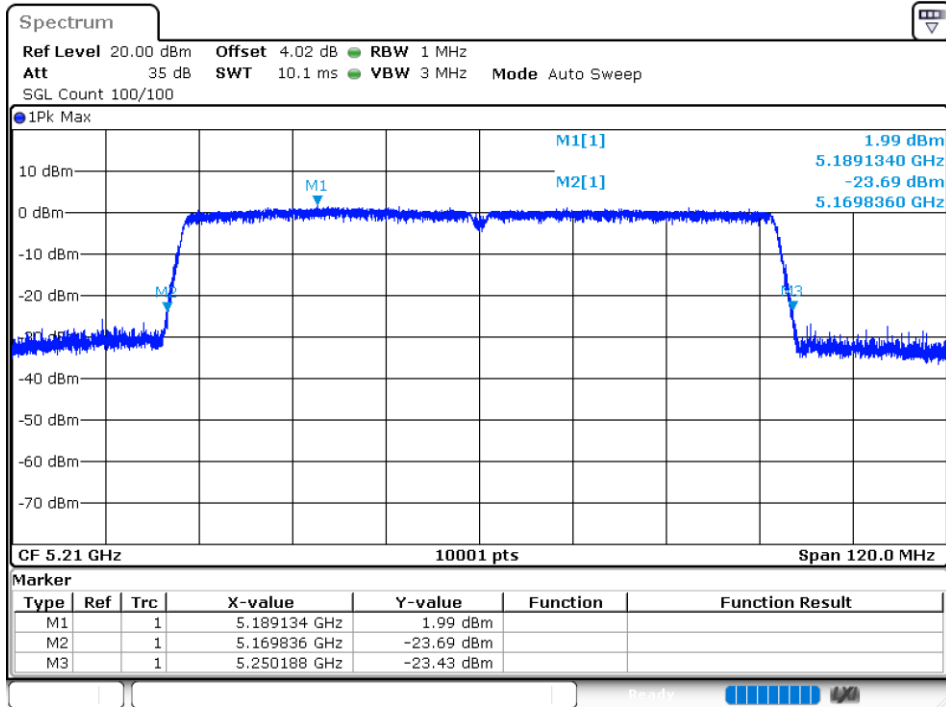
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1981432 GHz	1.61 dBm		
M2		1	5.189947 GHz	-24.39 dBm		
M3		1	5.210071 GHz	-24.36 dBm		



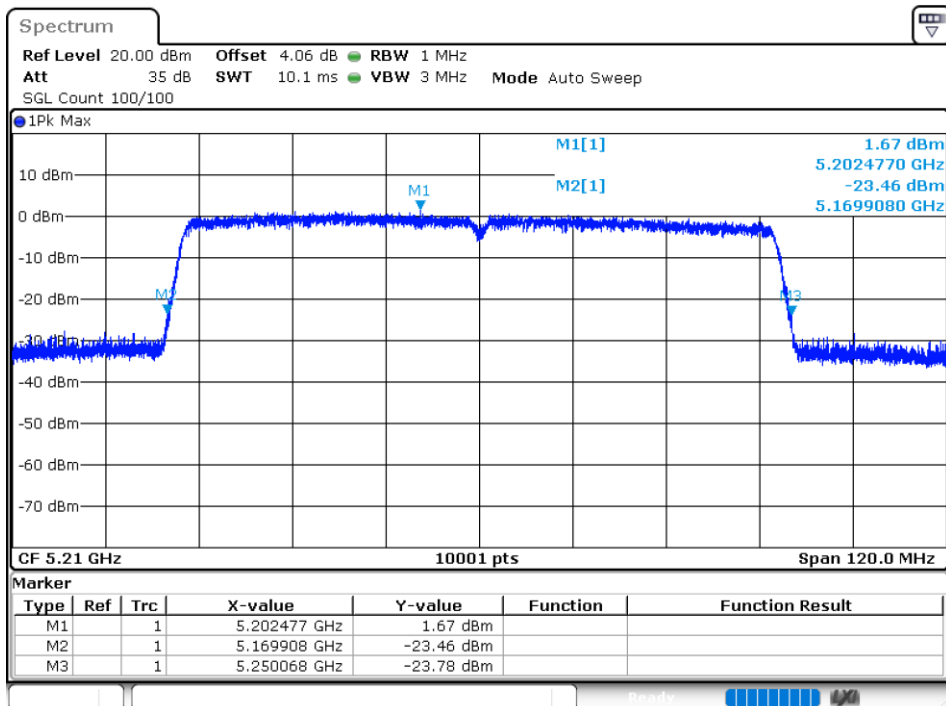


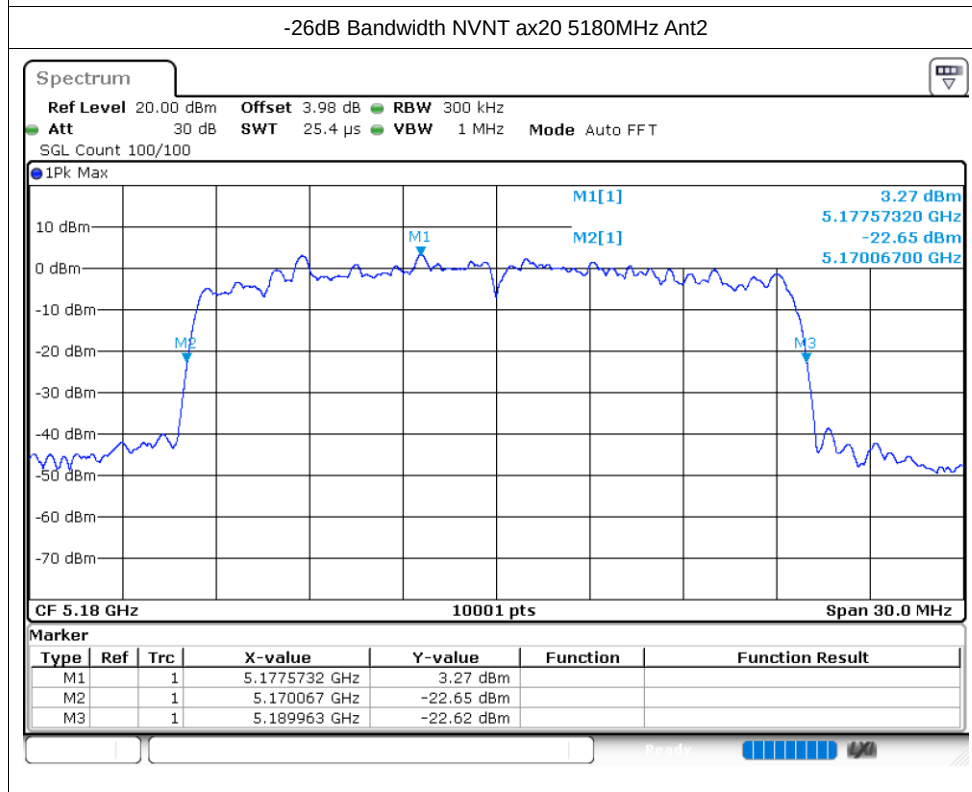
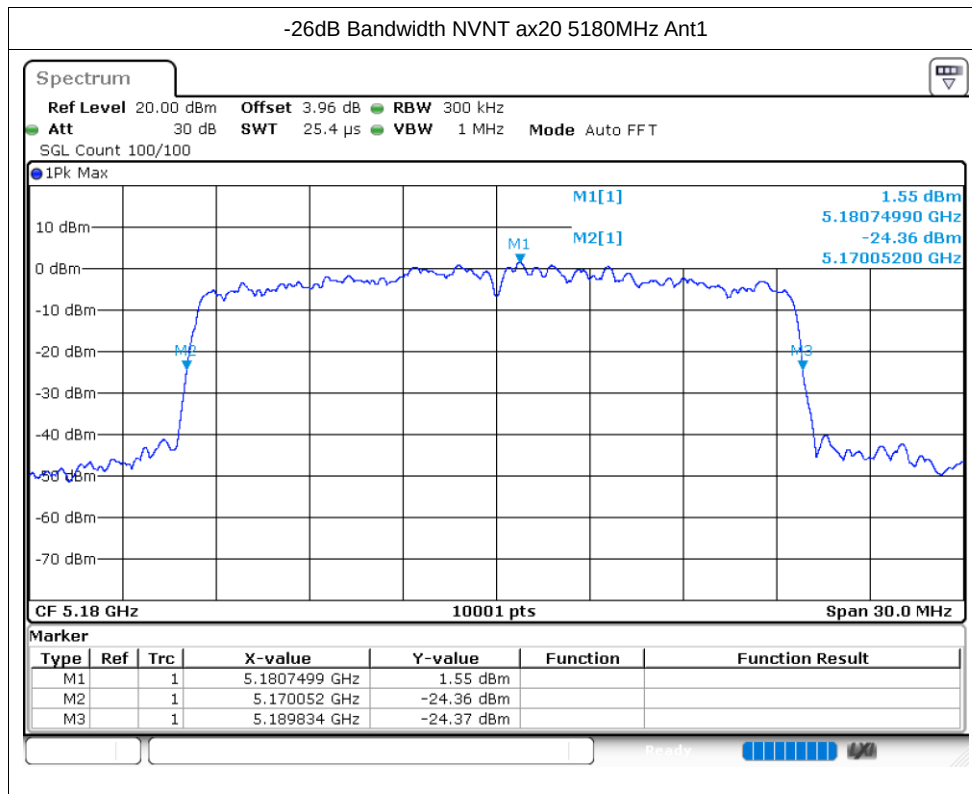


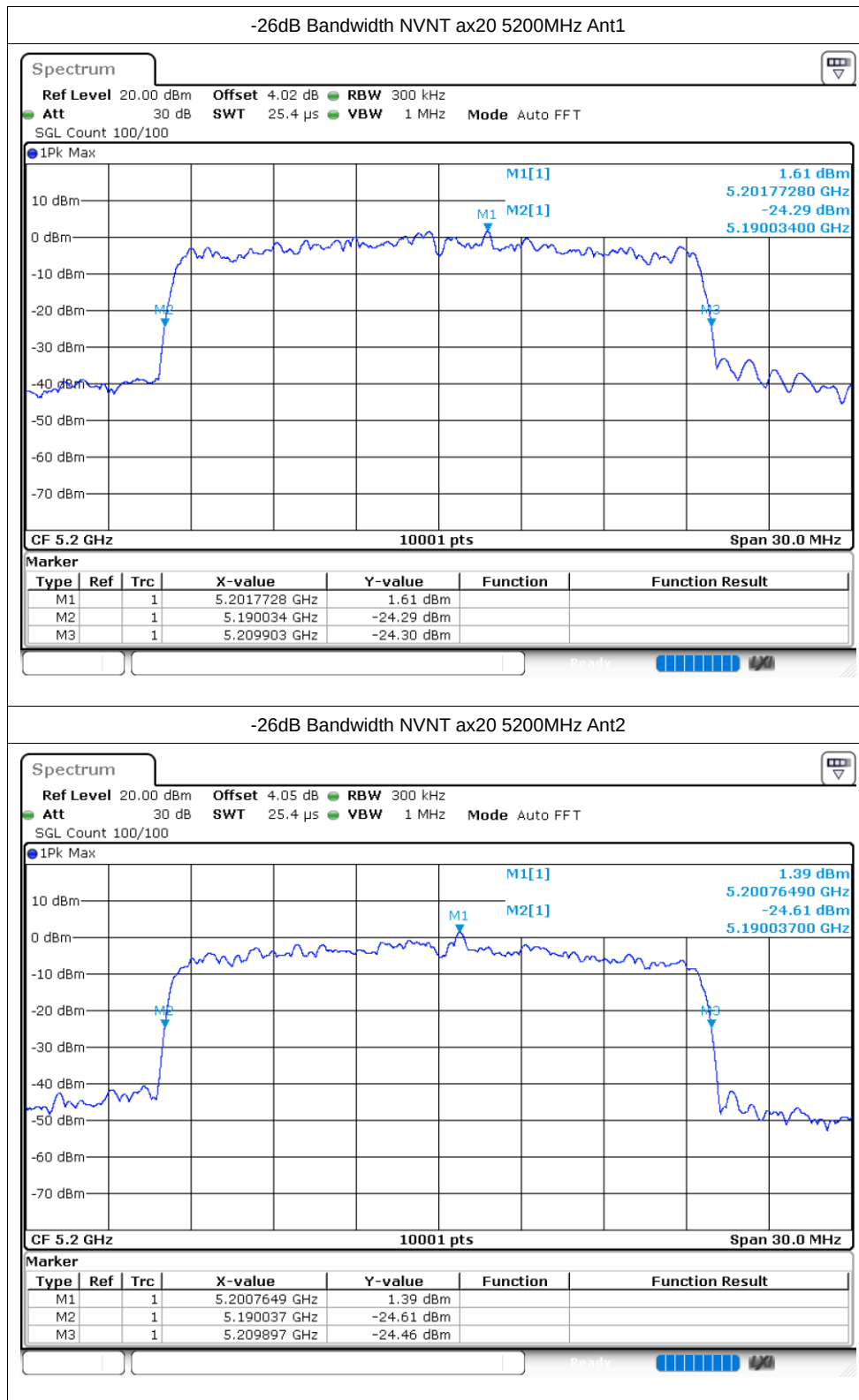
-26dB Bandwidth NVNT ac80 5210MHz Ant1



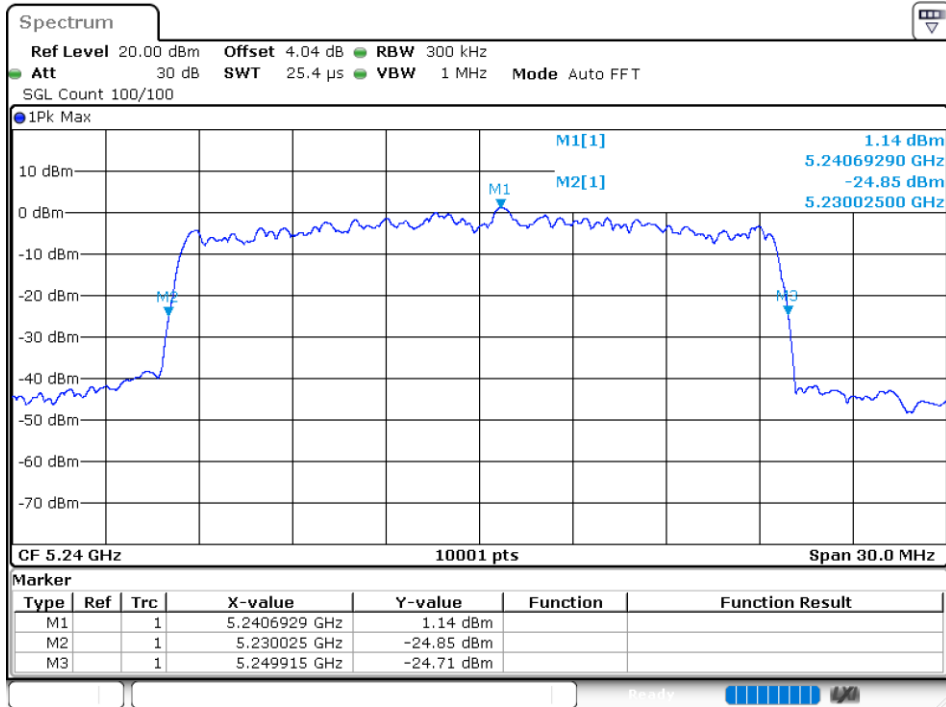
-26dB Bandwidth NVNT ac80 5210MHz Ant2







-26dB Bandwidth NVNT ax20 5240MHz Ant1



-26dB Bandwidth NVNT ax20 5240MHz Ant2

