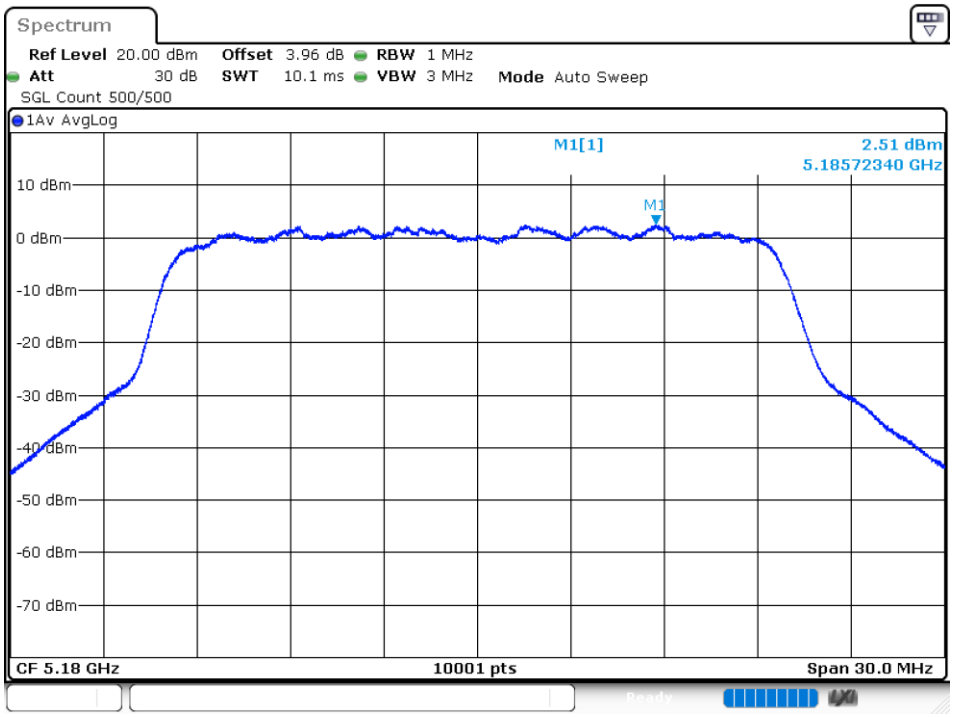
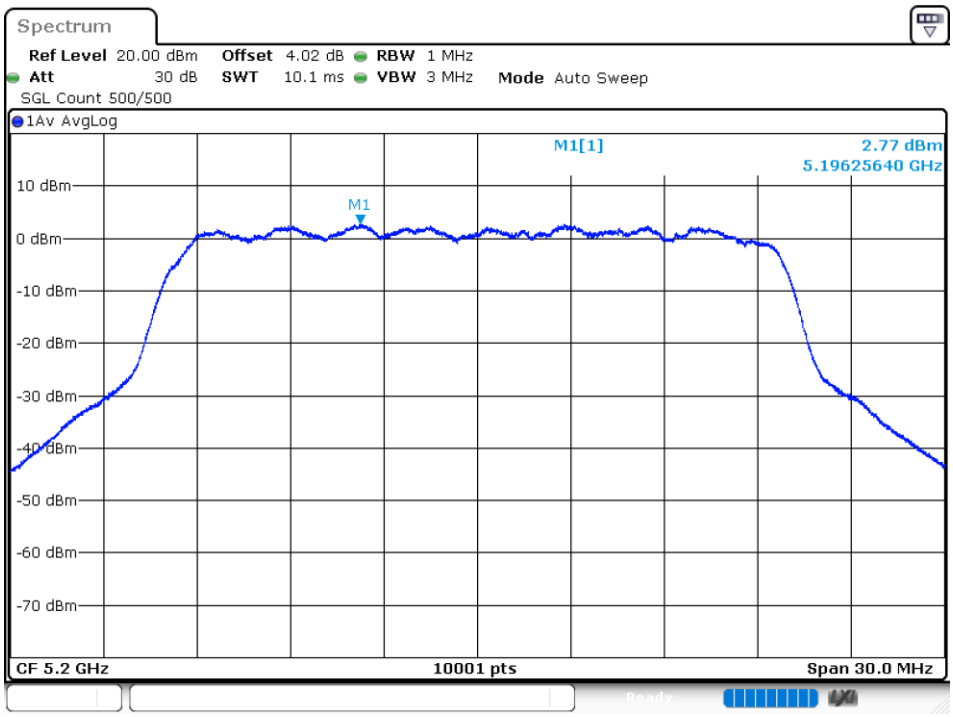
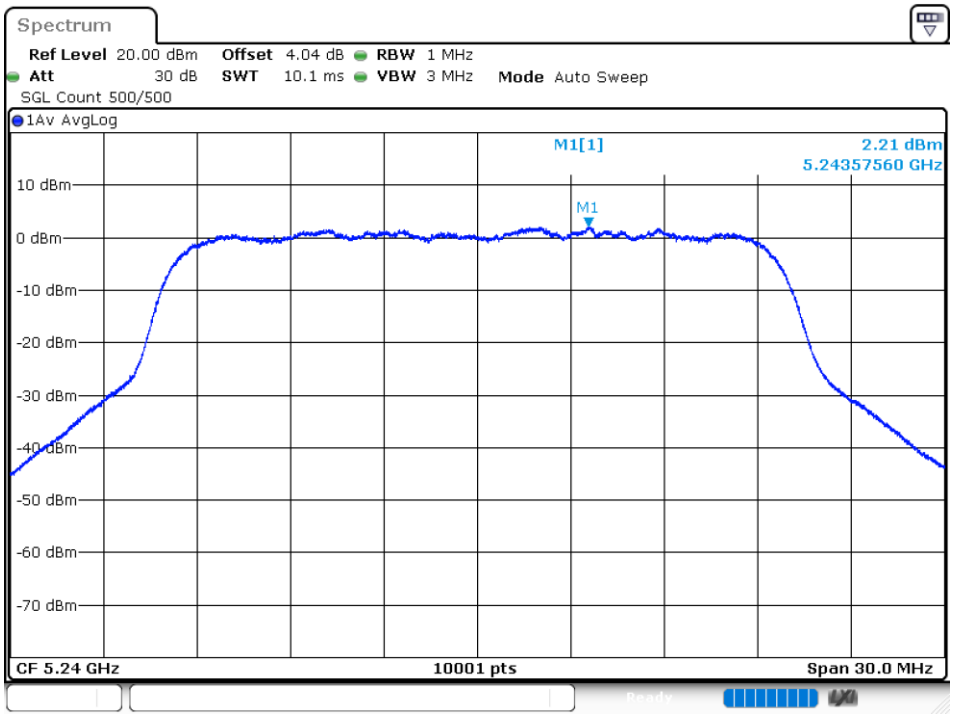
PSD NVNT ax20 5180MHz Ant1



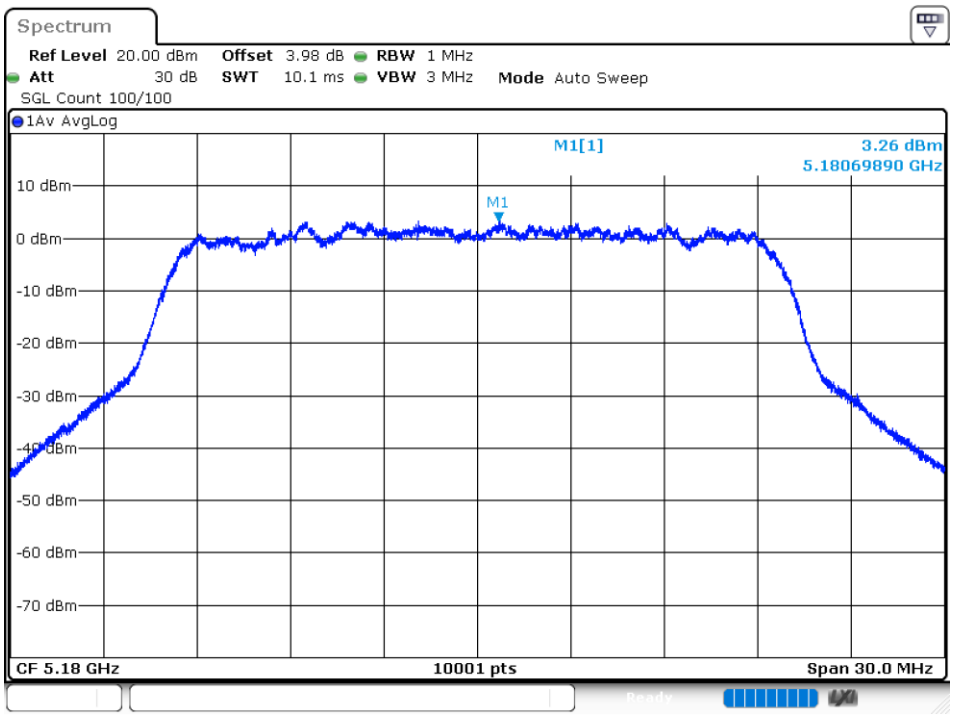
PSD NVNT ax20 5200MHz Ant1



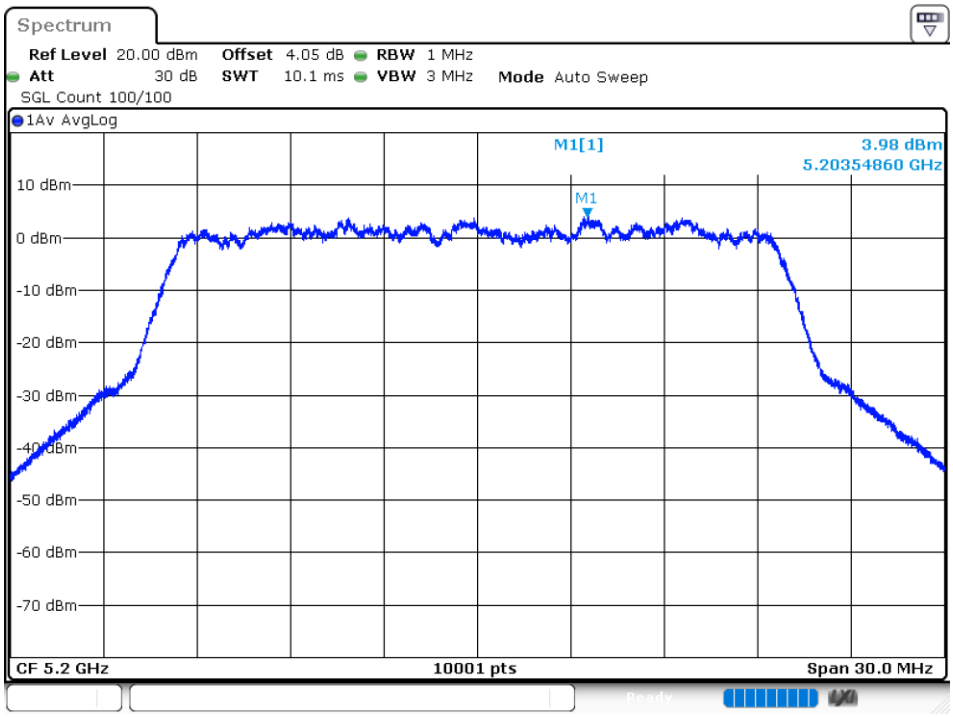
PSD NVNT ax20 5240MHz Ant1



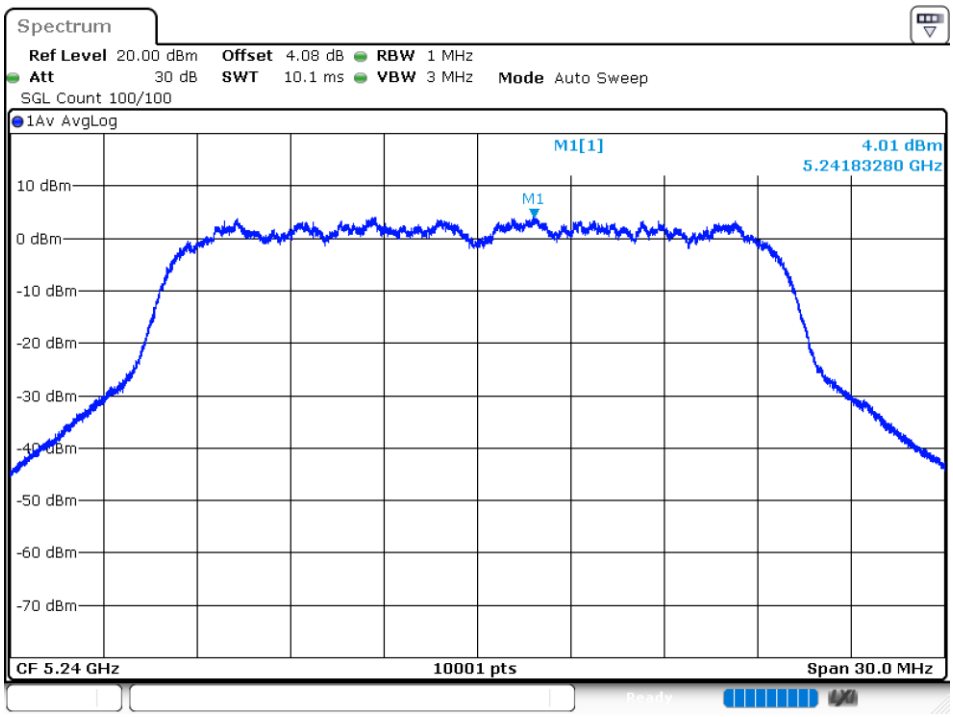
PSD NVNT ax20 5180MHz Ant2



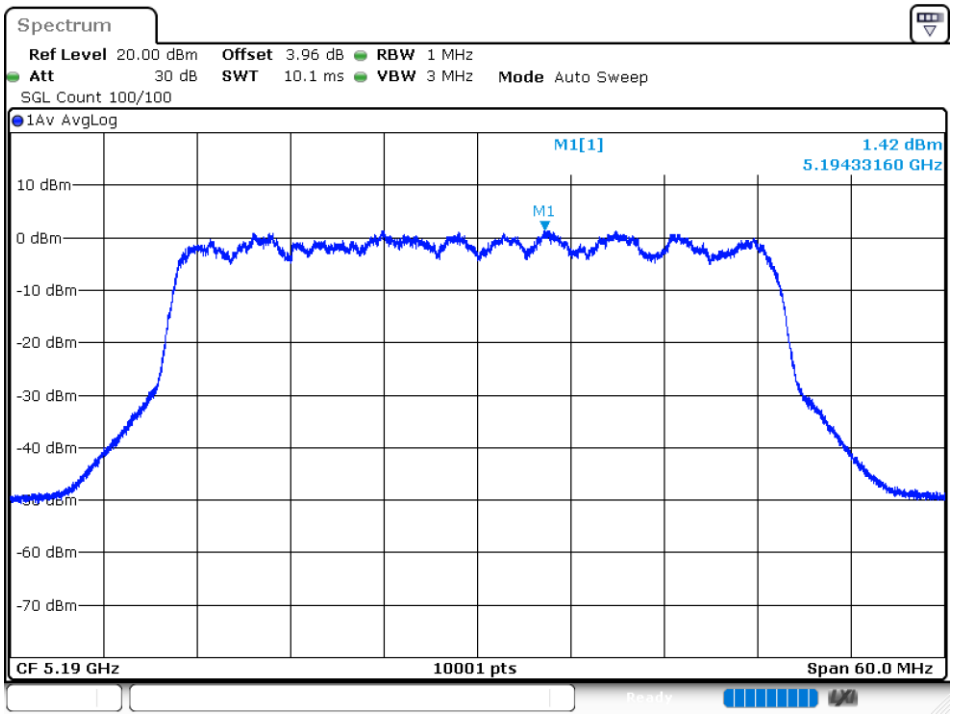
PSD NVNT ax20 5200MHz Ant2



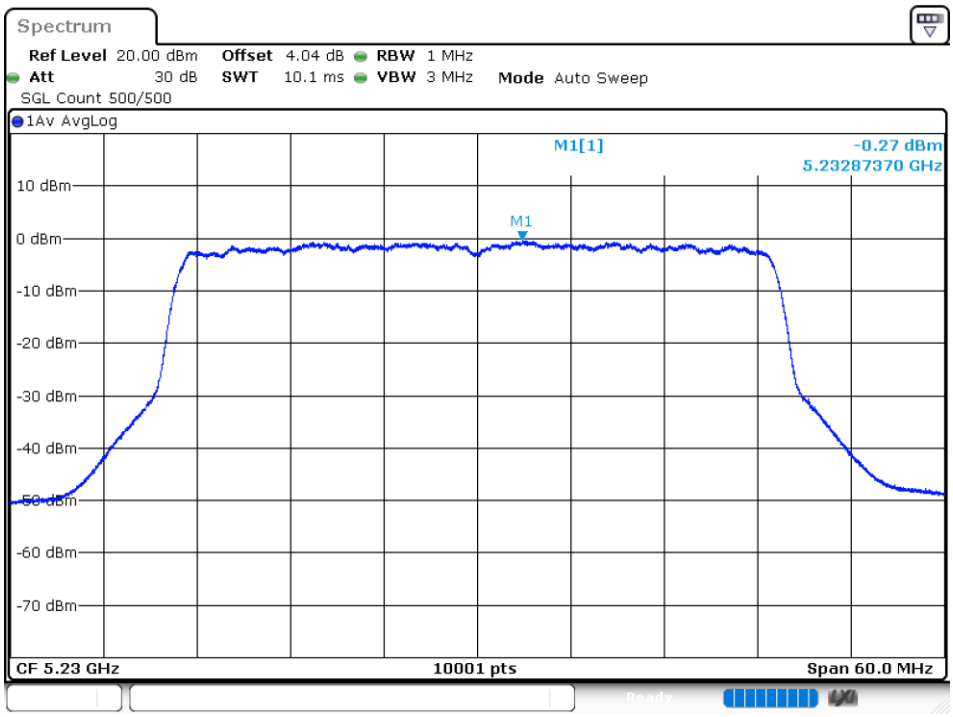
PSD NVNT ax20 5240MHz Ant2



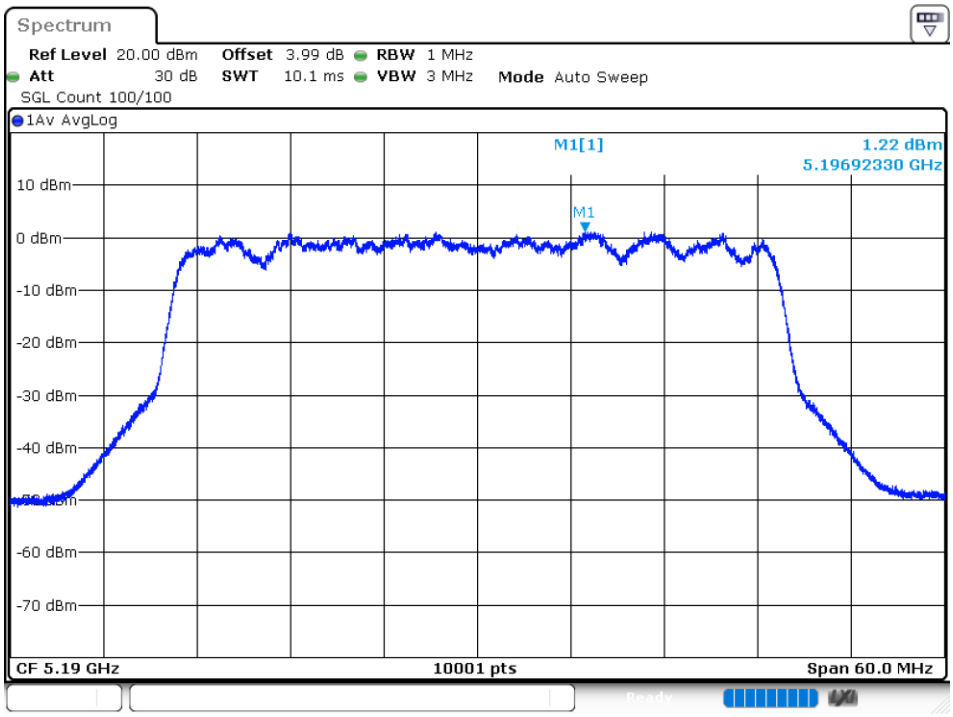
PSD NVNT ax40 5190MHz Ant1



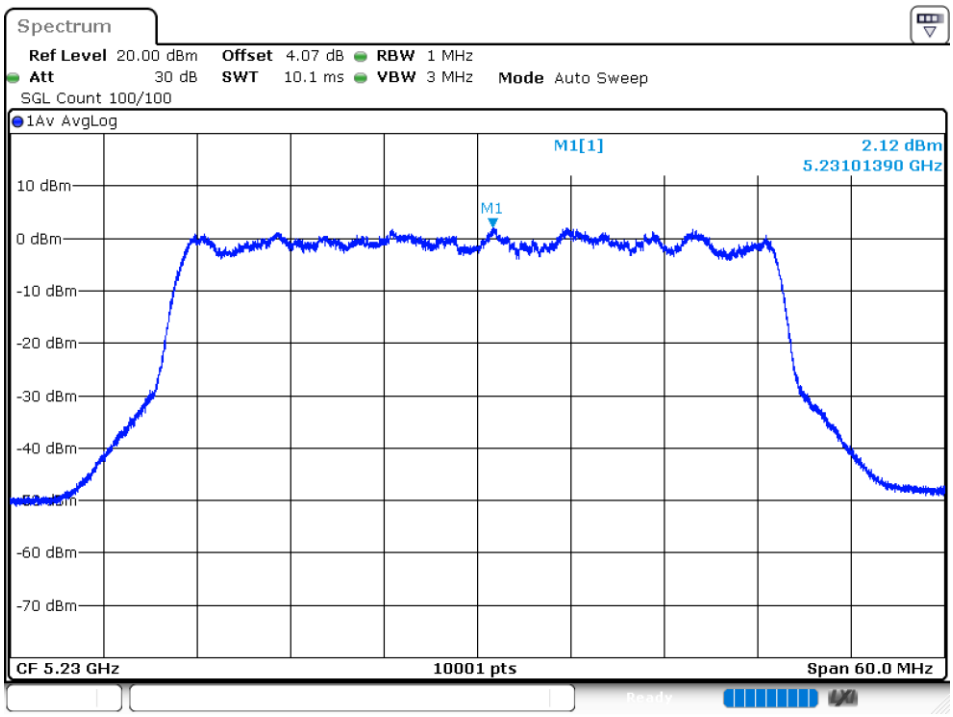
PSD NVNT ax40 5230MHz Ant1



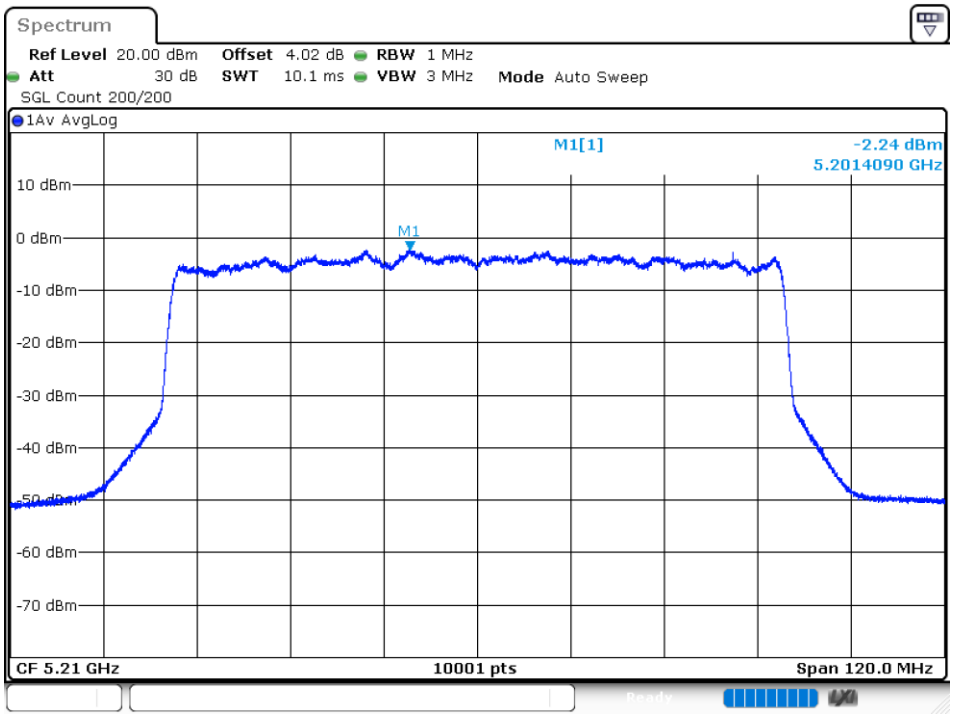
PSD NVNT ax40 5190MHz Ant2



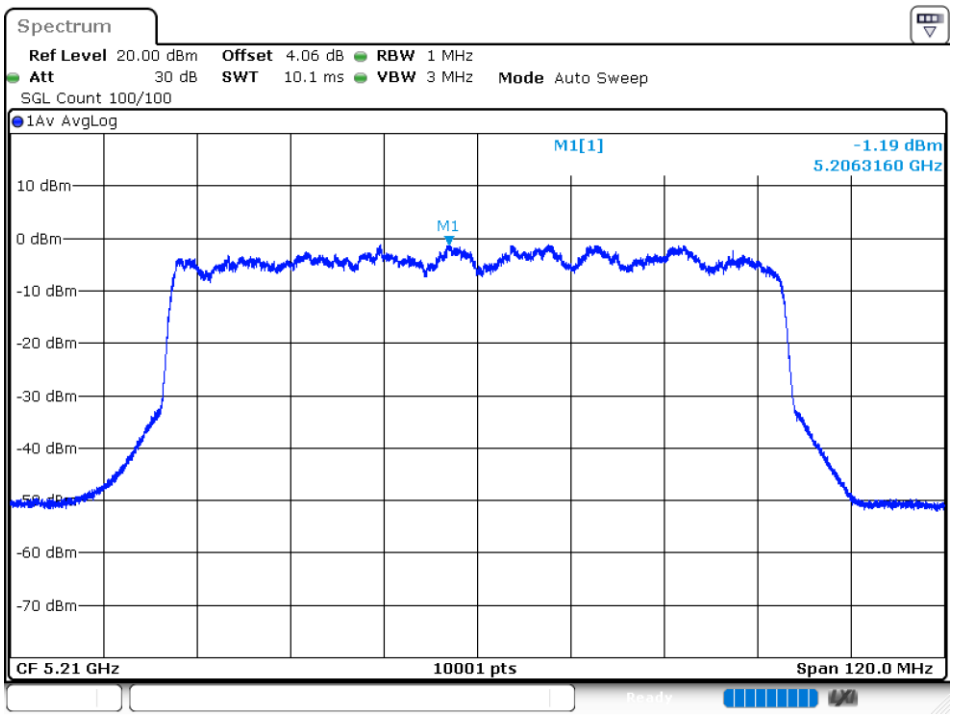
PSD NVNT ax40 5230MHz Ant2



PSD NVNT ax80 5210MHz Ant1



PSD NVNT ax80 5210MHz Ant2



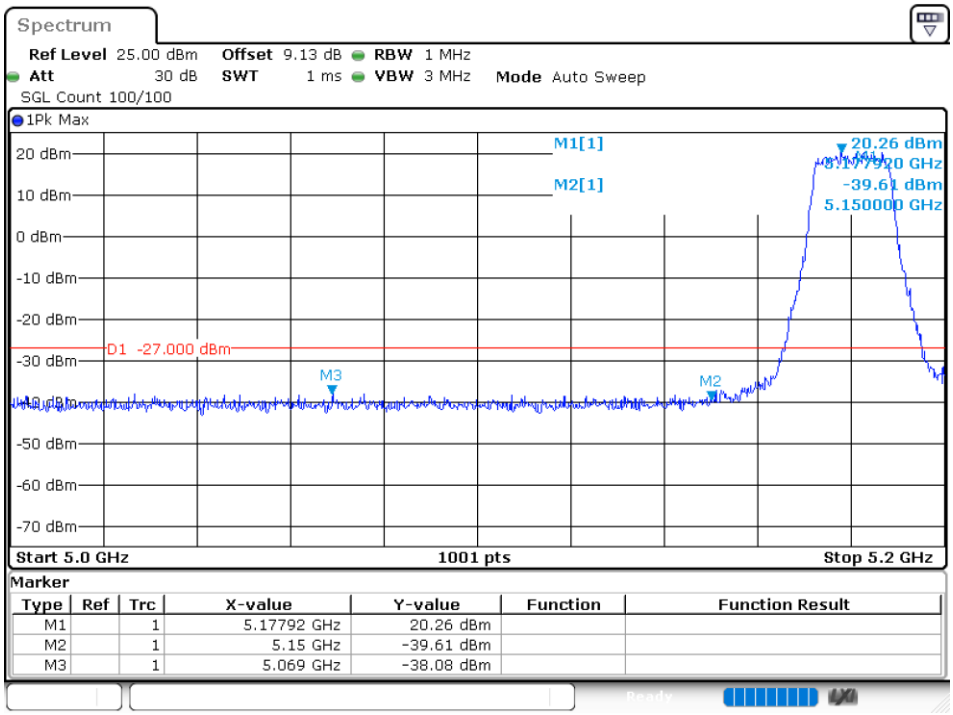
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-38.08	-27	Pass
NVNT	a	5240	Ant1	-36.99	-27	Pass
NVNT	a	5180	Ant2	-35.77	-27	Pass
NVNT	a	5240	Ant2	-37.97	-27	Pass
NVNT	n20	5180	Ant1	-37.22	-27	Pass
NVNT	n20	5240	Ant1	-37.74	-27	Pass
NVNT	n20	5180	Ant2	-37.37	-27	Pass
NVNT	n20	5240	Ant2	-37.94	-27	Pass
NVNT	n40	5190	Ant1	-33.85	-27	Pass
NVNT	n40	5230	Ant1	-38.09	-27	Pass
NVNT	n40	5190	Ant2	-33.48	-27	Pass
NVNT	n40	5230	Ant2	-37.14	-27	Pass
NVNT	ac20	5180	Ant1	-37.72	-27	Pass
NVNT	ac20	5240	Ant1	-37.52	-27	Pass
NVNT	ac20	5180	Ant2	-37.38	-27	Pass
NVNT	ac20	5240	Ant2	-37.32	-27	Pass
NVNT	ac40	5190	Ant1	-35.32	-27	Pass
NVNT	ac40	5230	Ant1	-37.63	-27	Pass
NVNT	ac40	5190	Ant2	-33.72	-27	Pass
NVNT	ac40	5230	Ant2	-36.71	-27	Pass
NVNT	ac80	5210	Ant1	-38.14	-27	Pass
NVNT	ac80	5210	Ant2	-36.86	-27	Pass
NVNT	ax20	5180	Ant1	-37.12	-27	Pass
NVNT	ax20	5240	Ant1	-37.43	-27	Pass
NVNT	ax20	5180	Ant2	-37.09	-27	Pass
NVNT	ax20	5240	Ant2	-37.69	-27	Pass
NVNT	ax40	5190	Ant1	-34.4	-27	Pass
NVNT	ax40	5230	Ant1	-37.98	-27	Pass
NVNT	ax40	5190	Ant2	-33.39	-27	Pass
NVNT	ax40	5230	Ant2	-37.41	-27	Pass
NVNT	ax80	5210	Ant1	-37.76	-27	Pass
NVNT	ax80	5210	Ant2	-37.59	-27	Pass

Note: This test has increased antenna gain .

Test Graphs

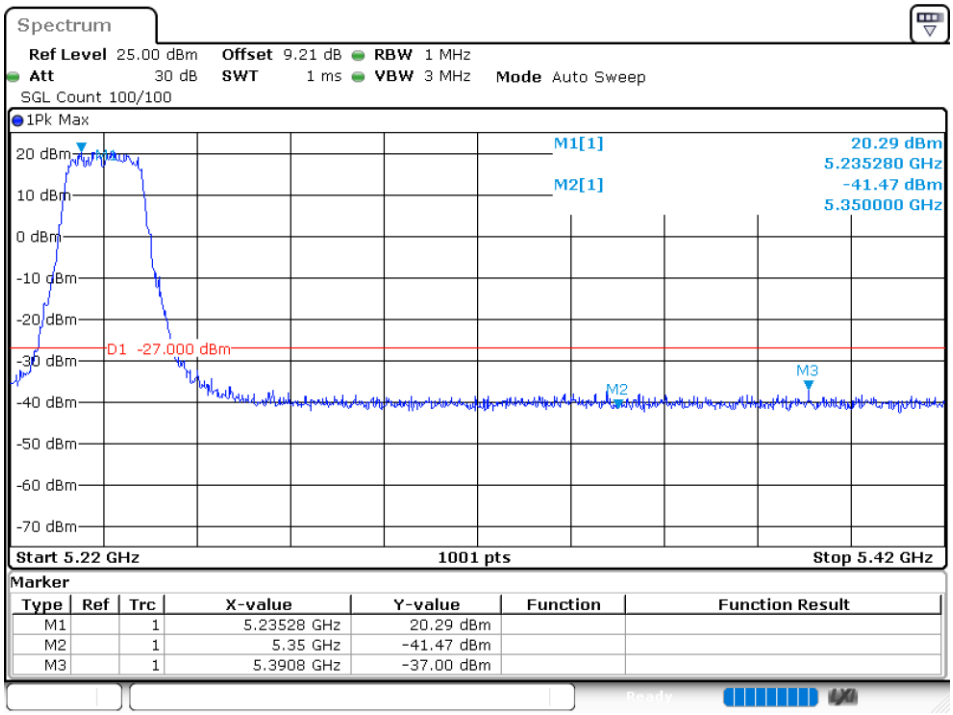
Band Edge NVNT a 5180MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.17792 GHz	20.26 dBm		
M2		1	5.15 GHz	-39.61 dBm		
M3		1	5.069 GHz	-38.08 dBm		

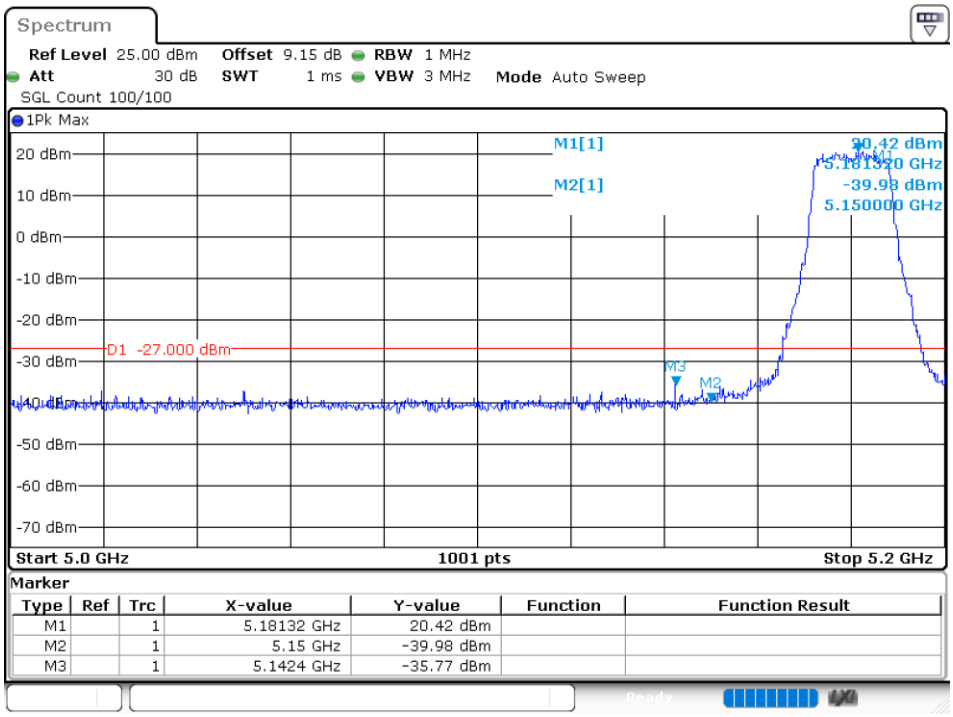
Band Edge NVNT a 5240MHz High Ant1



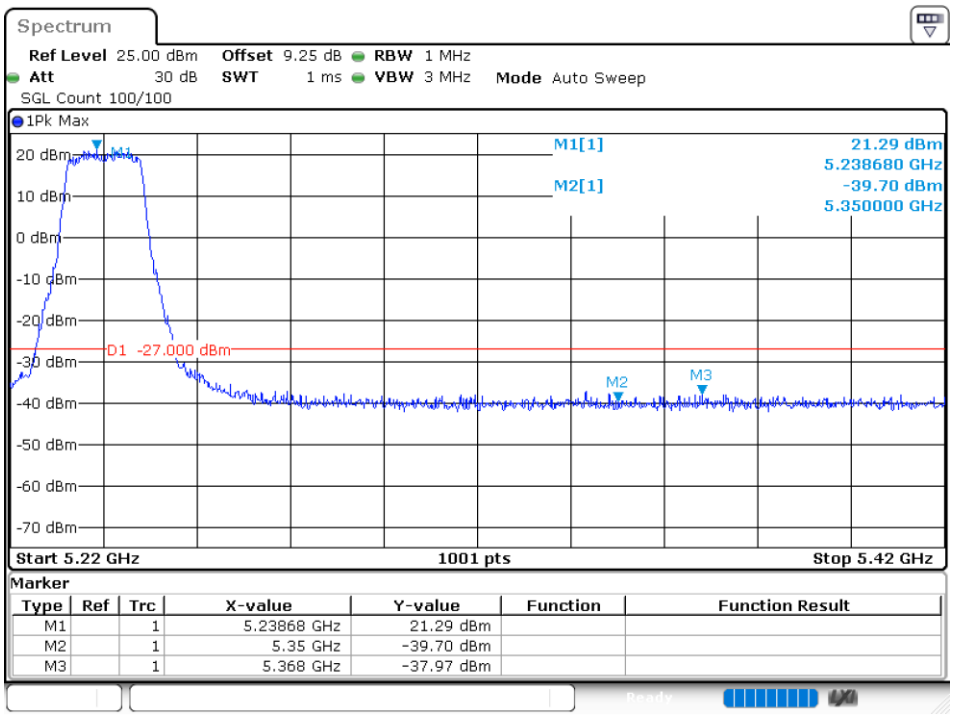
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.23528 GHz	20.29 dBm		
M2		1	5.35 GHz	-41.47 dBm		
M3		1	5.3908 GHz	-37.00 dBm		

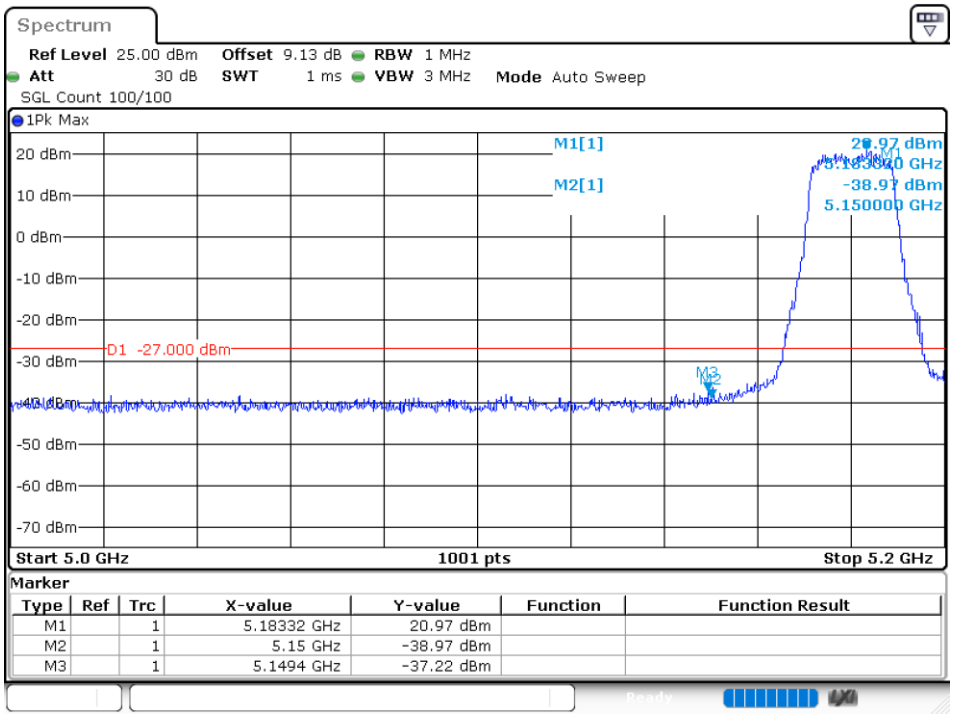
Band Edge NVNT a 5180MHz Low Ant2



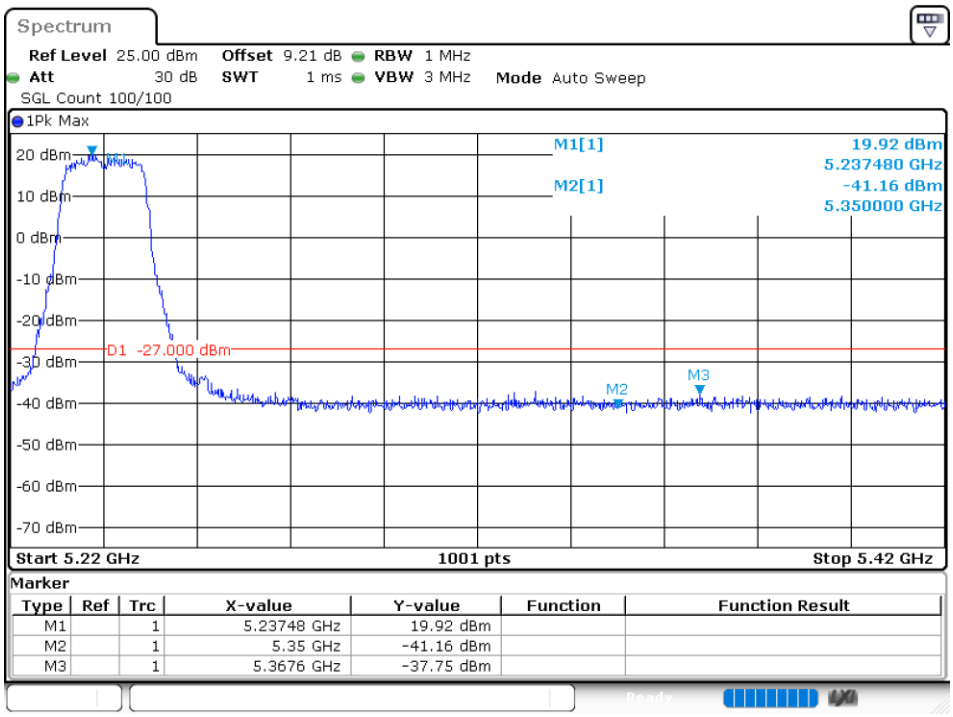
Band Edge NVNT a 5240MHz High Ant2



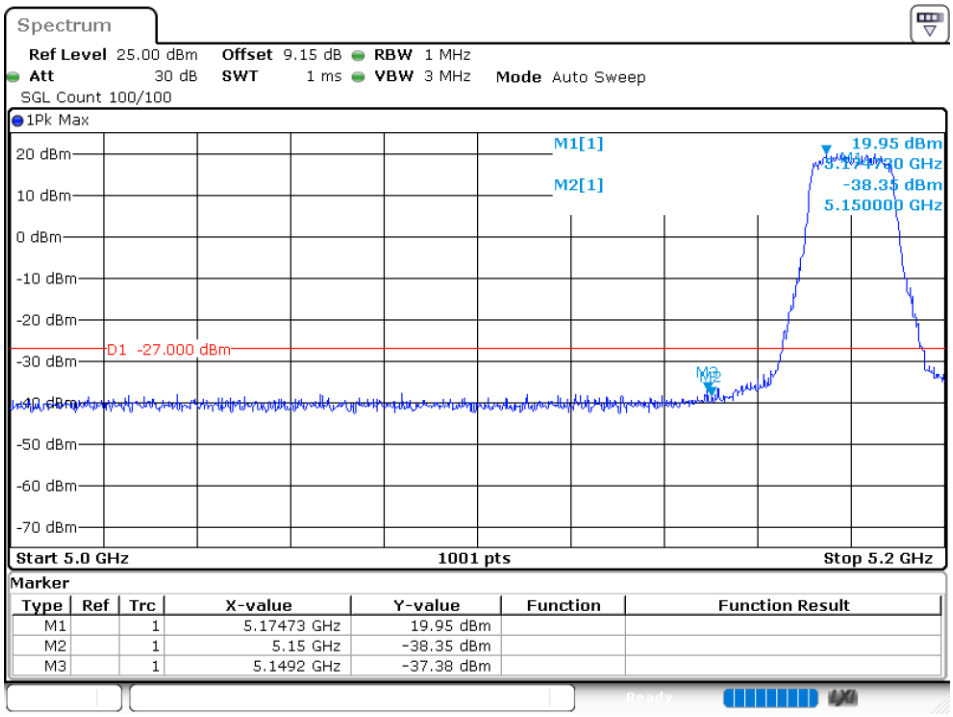
Band Edge NVNT n20 5180MHz Low Ant1



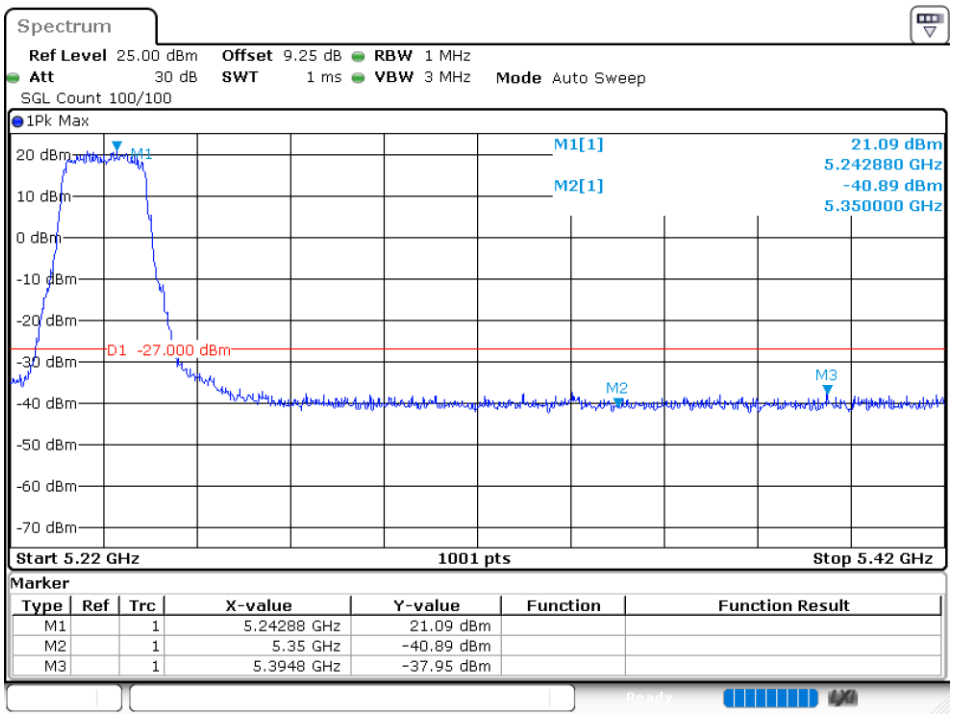
Band Edge NVNT n20 5240MHz High Ant1



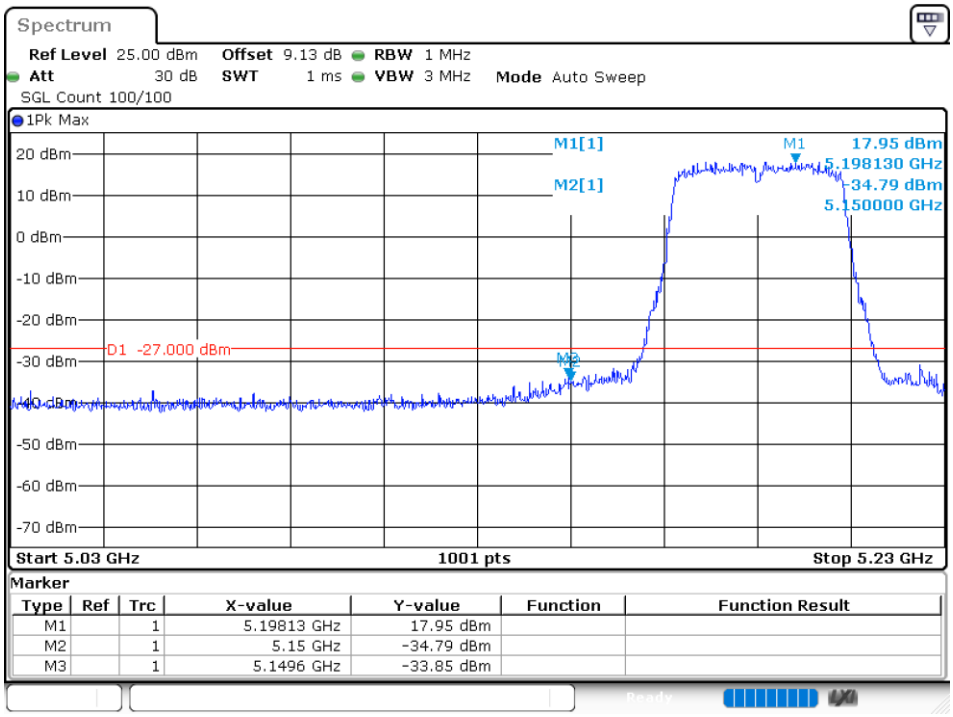
Band Edge NVNT n20 5180MHz Low Ant2



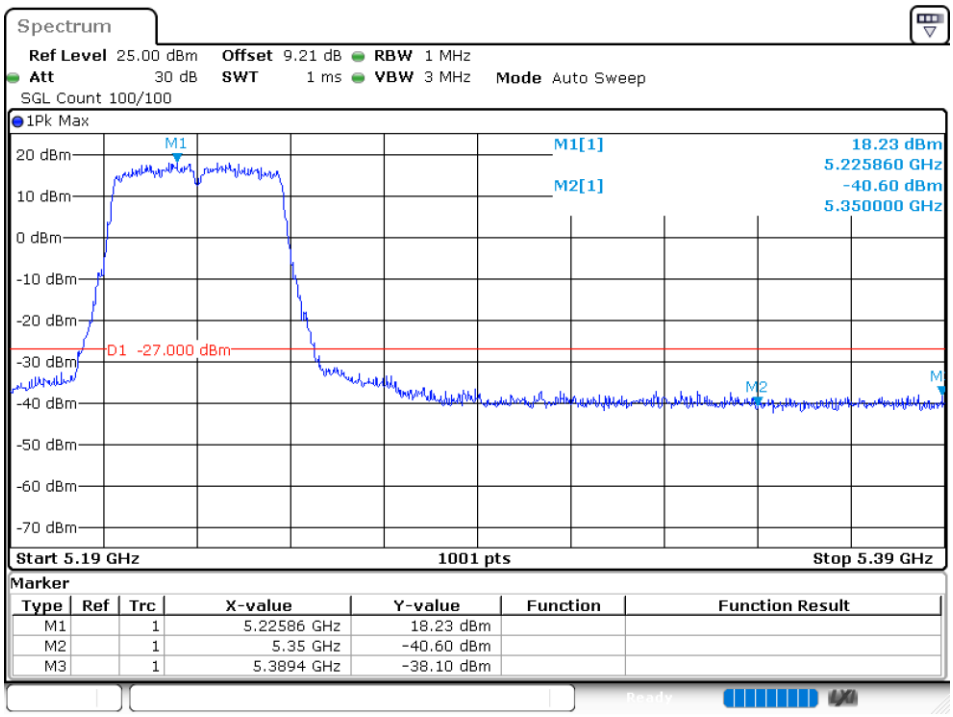
Band Edge NVNT n20 5240MHz High Ant2



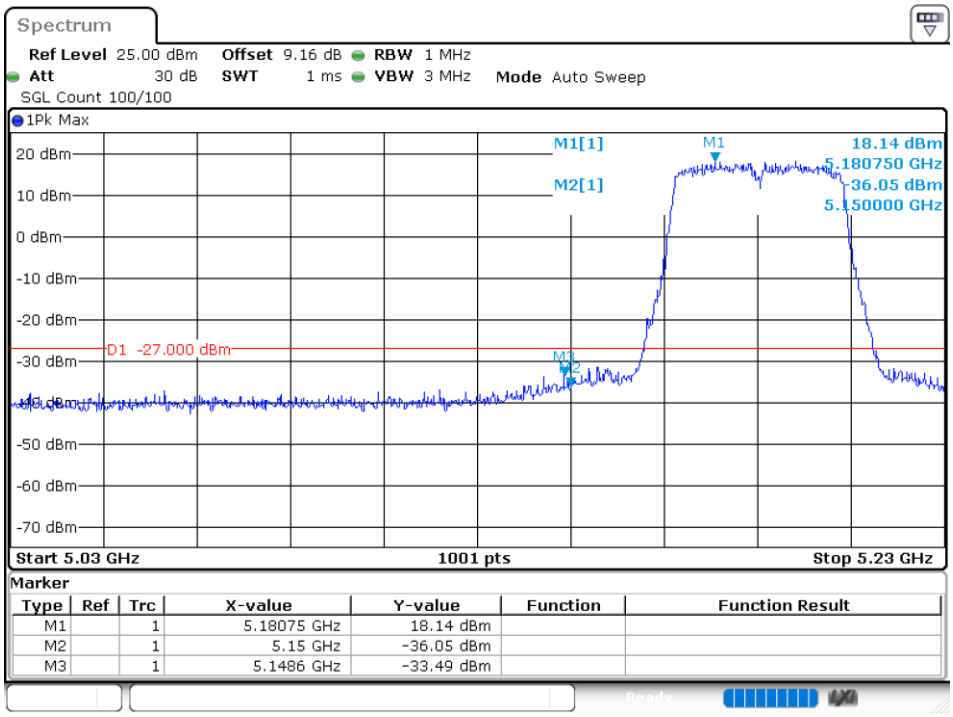
Band Edge NVNT n40 5190MHz Low Ant1



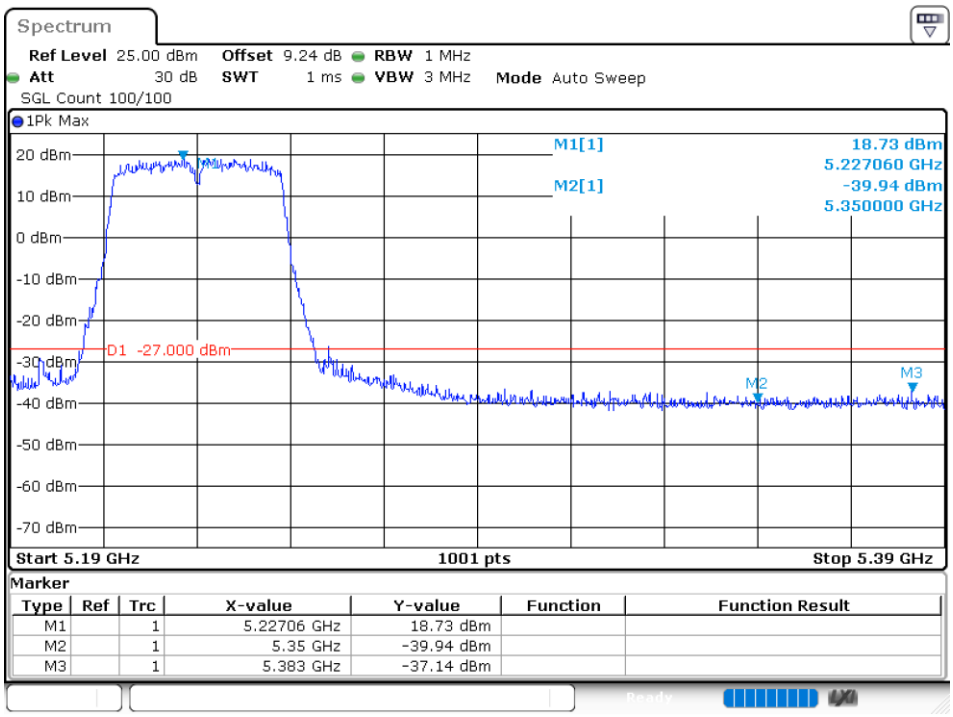
Band Edge NVNT n40 5230MHz High Ant1



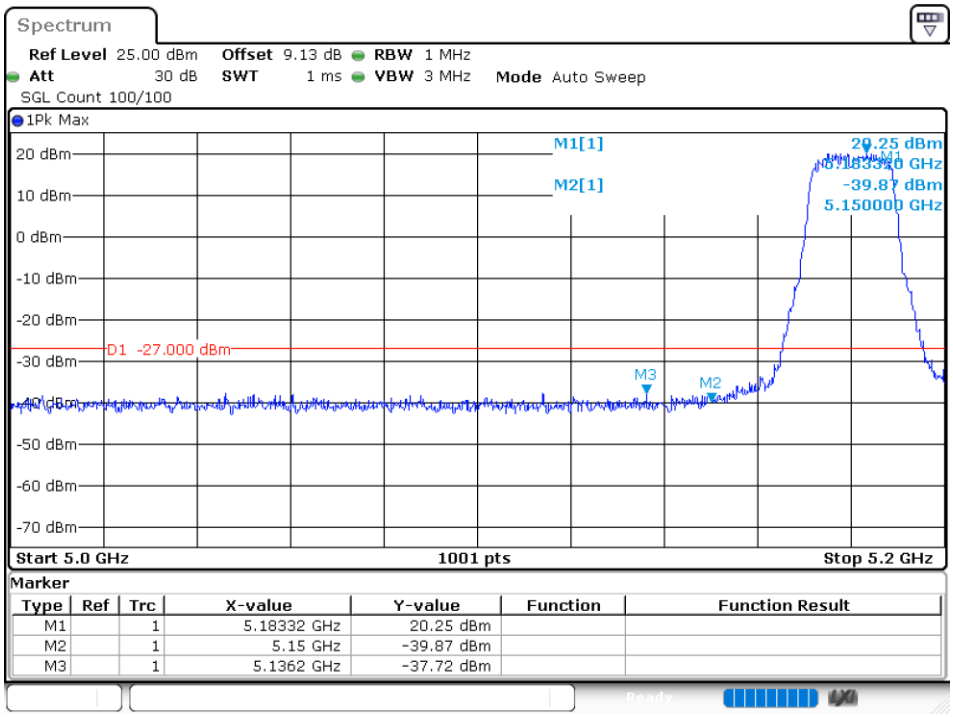
Band Edge NVNT n40 5190MHz Low Ant2



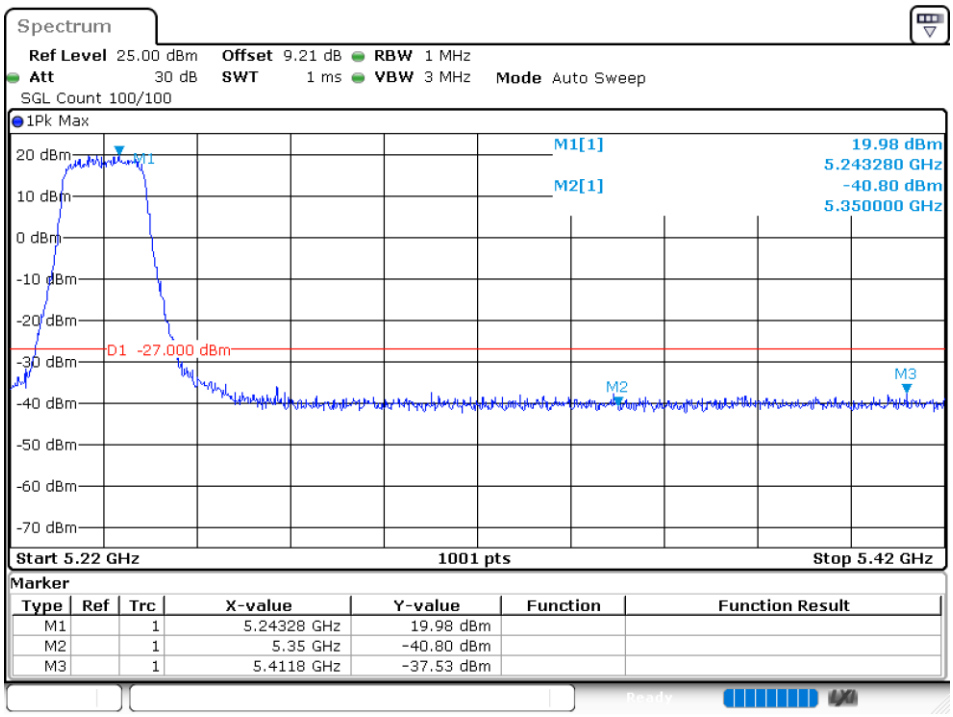
Band Edge NVNT n40 5230MHz High Ant2



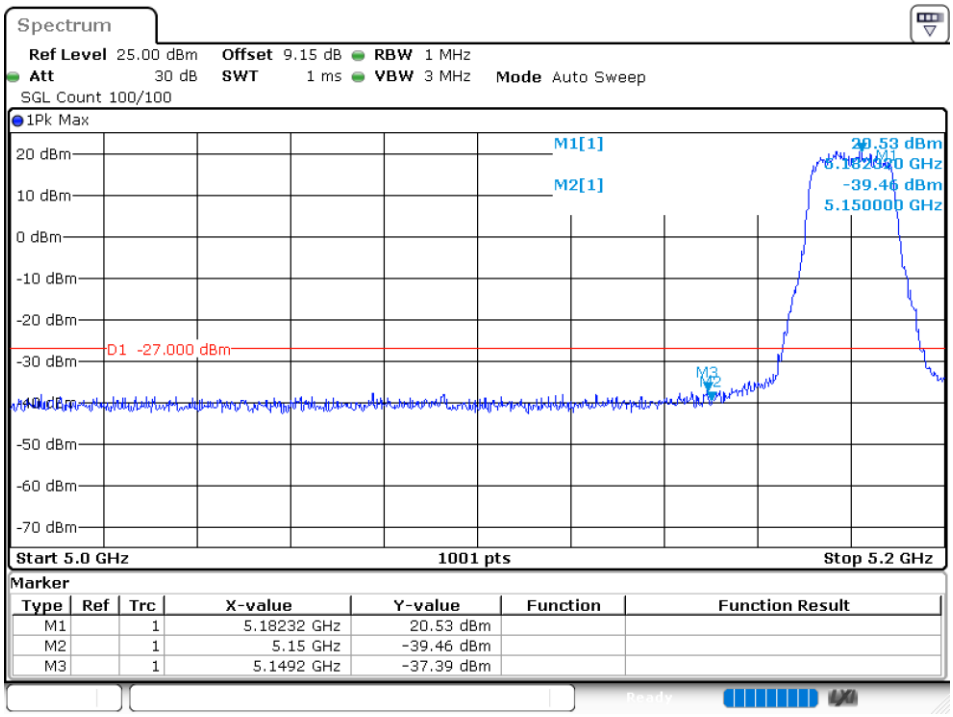
Band Edge NVNT ac20 5180MHz Low Ant1



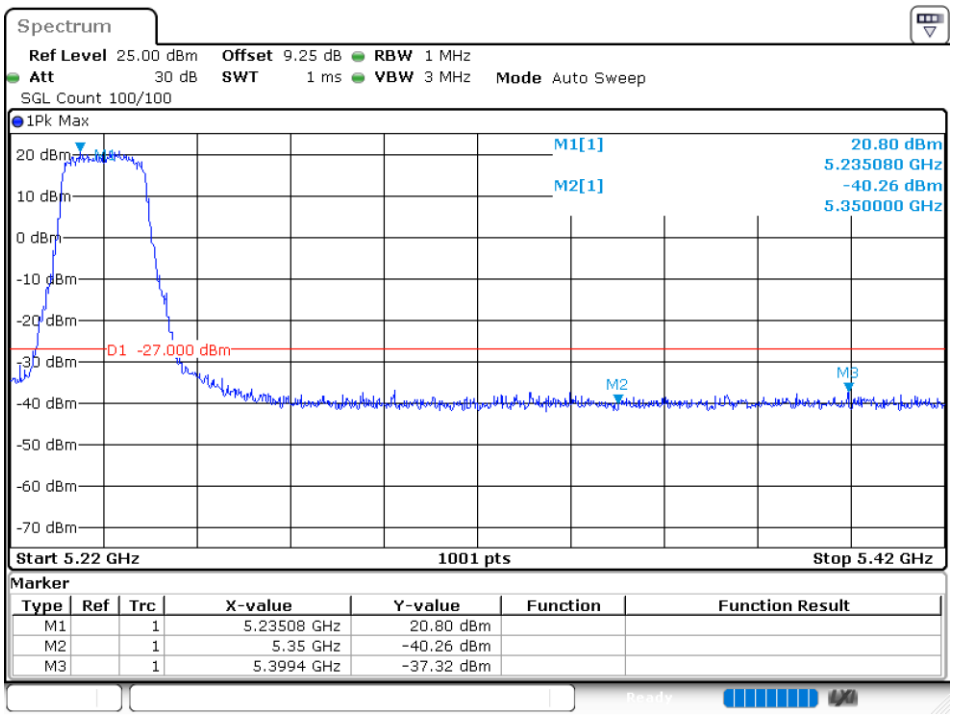
Band Edge NVNT ac20 5240MHz High Ant1



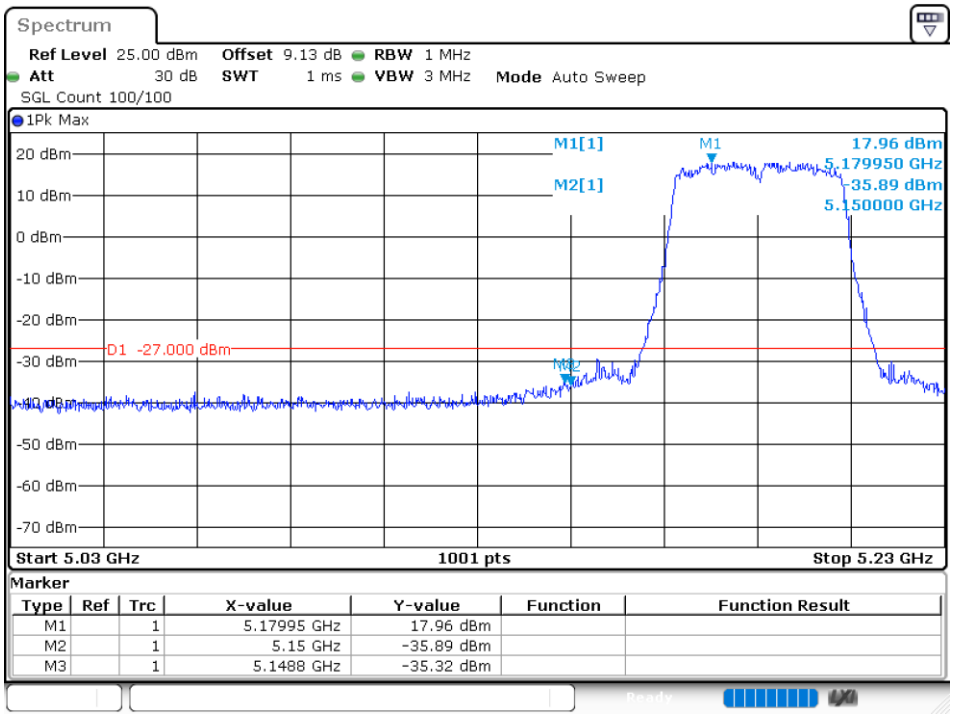
Band Edge NVNT ac20 5180MHz Low Ant2



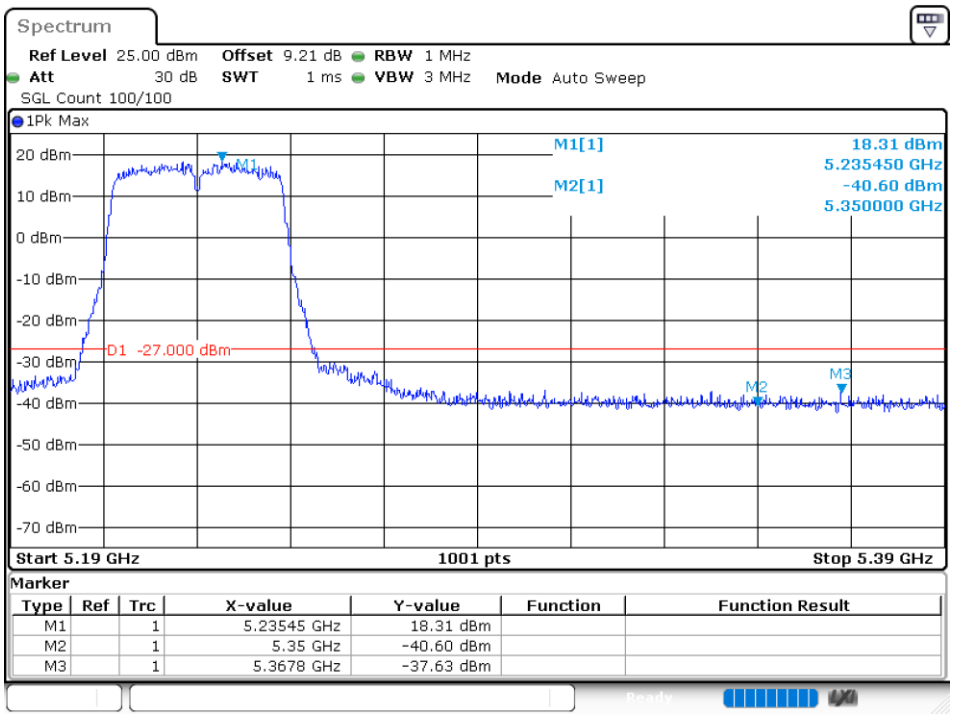
Band Edge NVNT ac20 5240MHz High Ant2



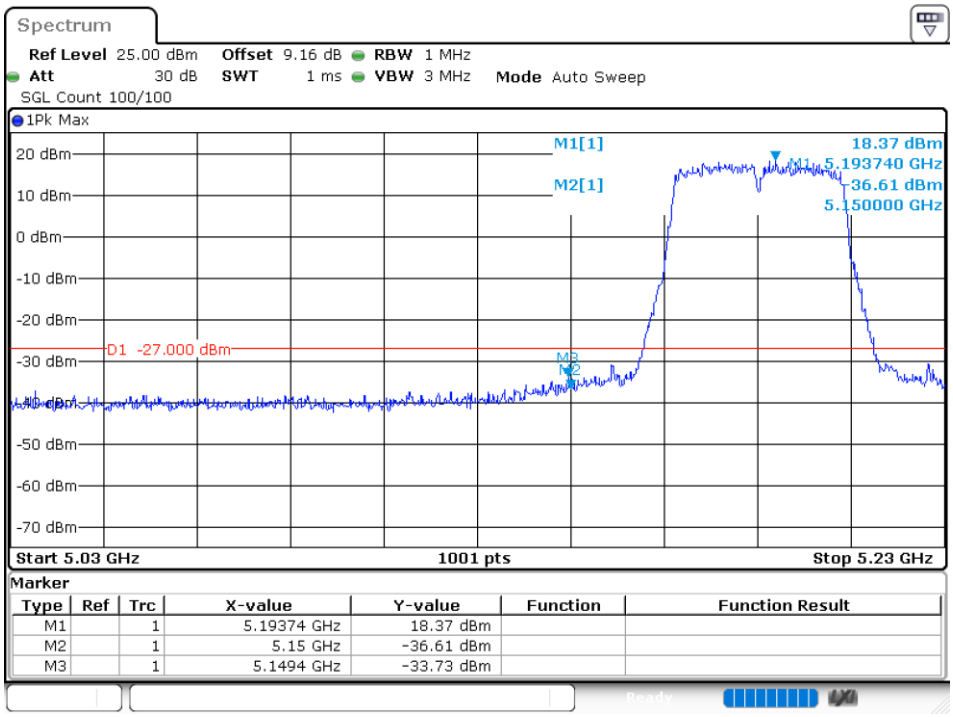
Band Edge NVNT ac40 5190MHz Low Ant1



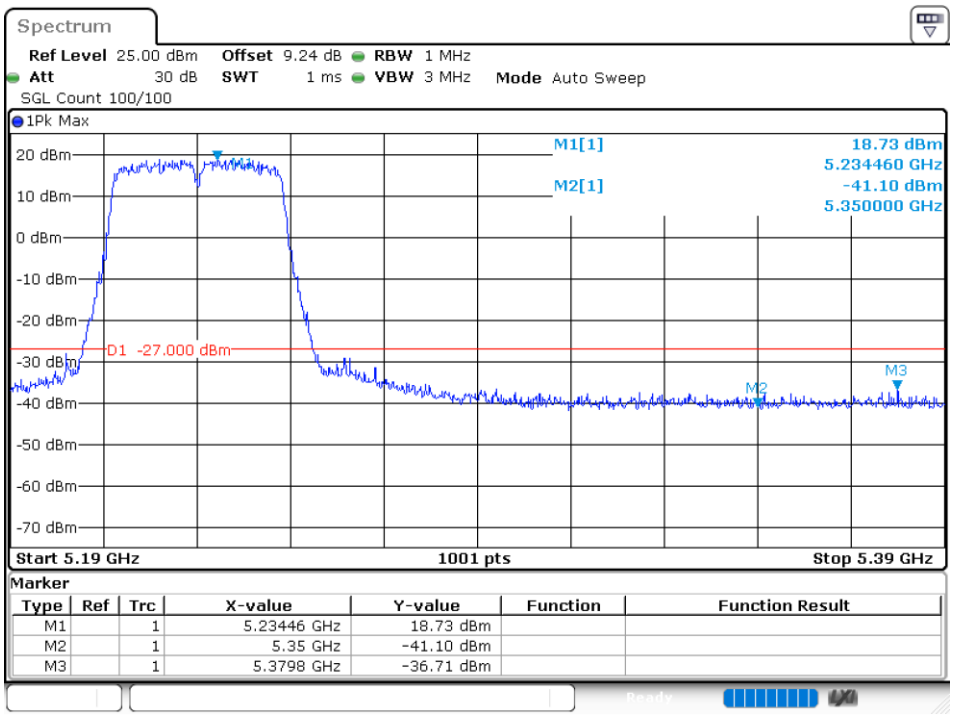
Band Edge NVNT ac40 5230MHz High Ant1



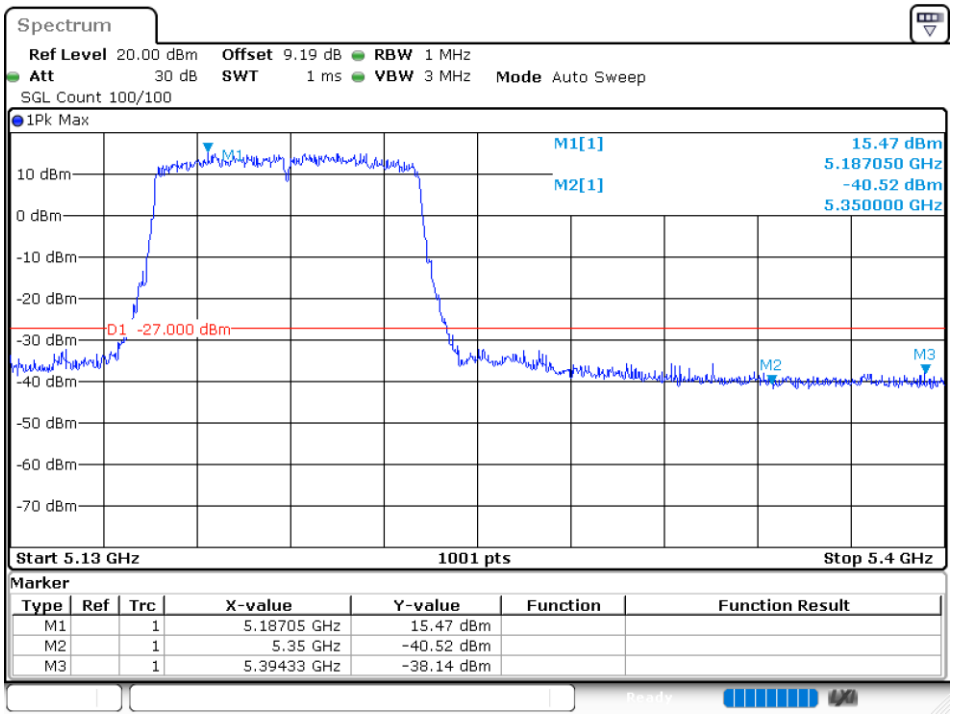
Band Edge NVNT ac40 5190MHz Low Ant2



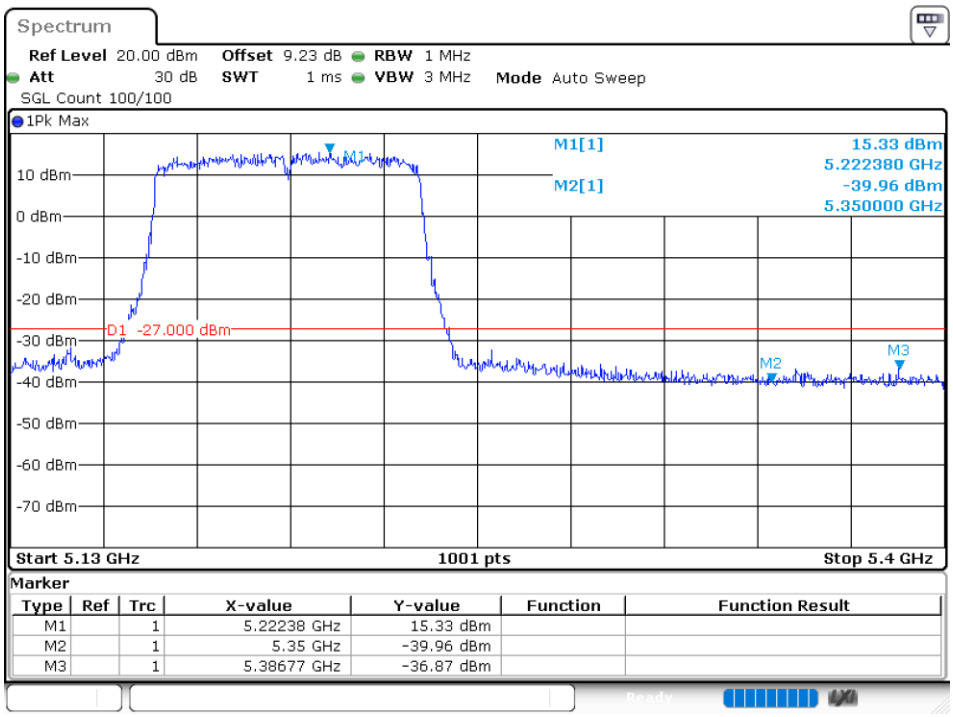
Band Edge NVNT ac40 5230MHz High Ant2



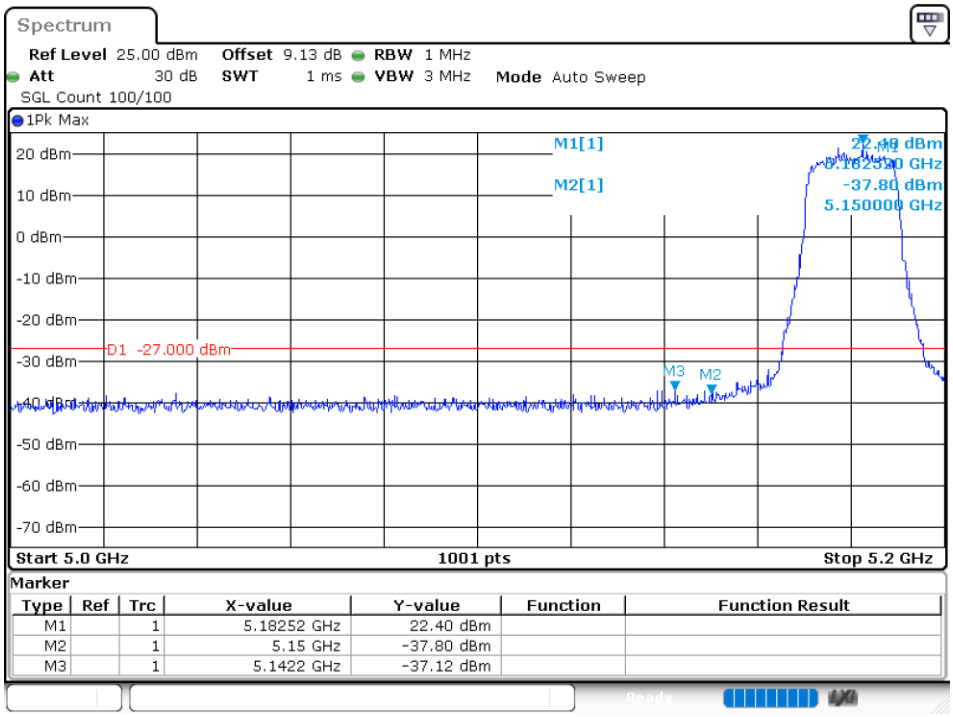
Band Edge NVNT ac80 5210MHz High Ant1



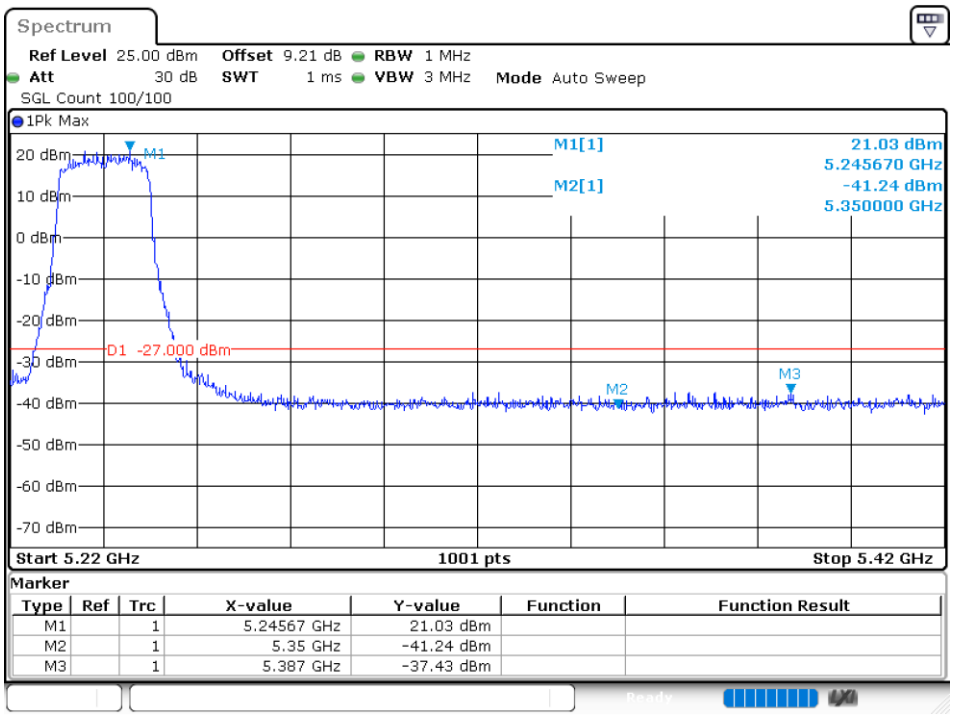
Band Edge NVNT ac80 5210MHz High Ant2



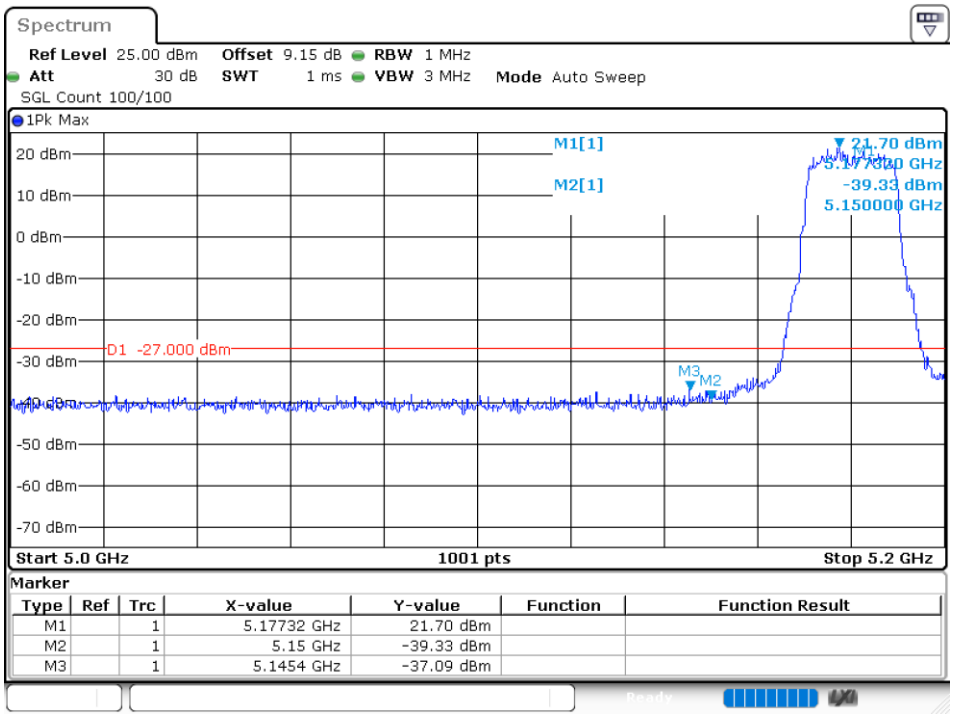
Band Edge NVNT ax20 5180MHz Low Ant1



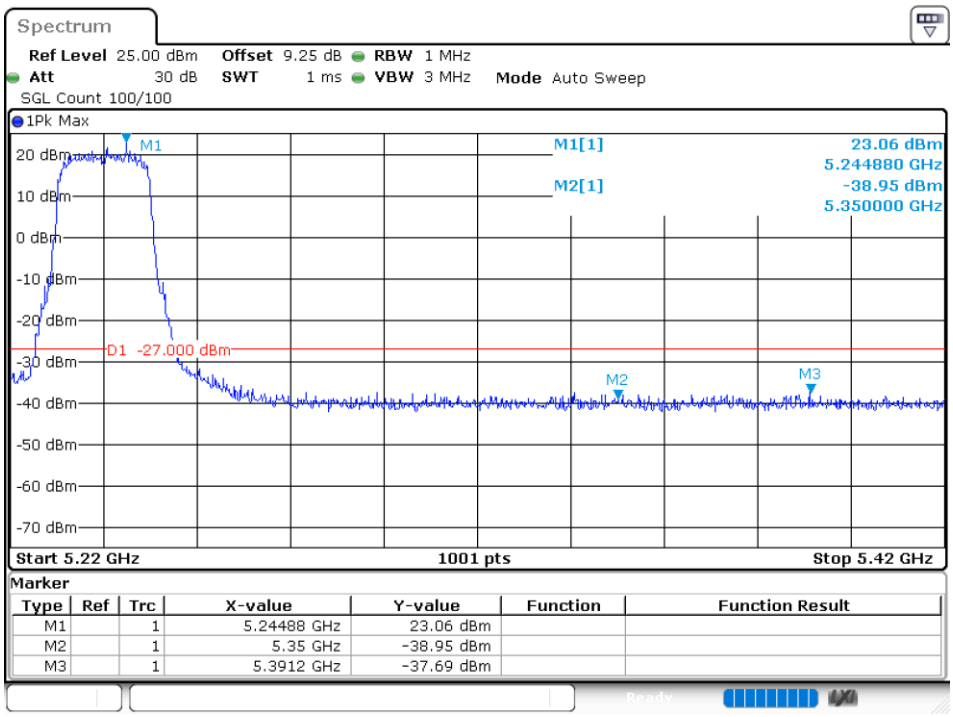
Band Edge NVNT ax20 5240MHz High Ant1



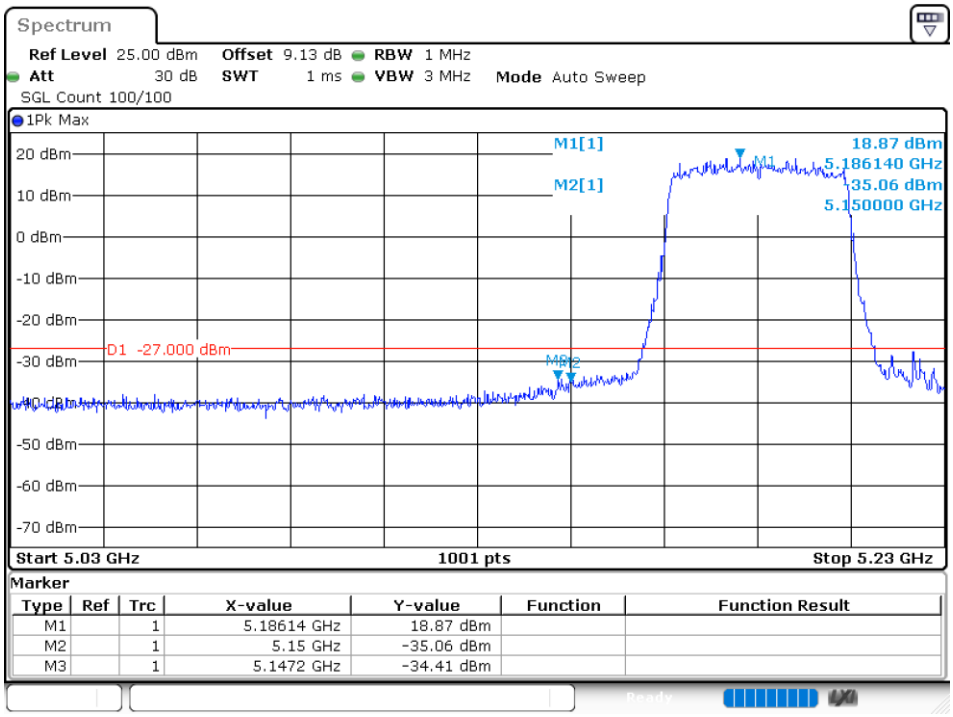
Band Edge NVNT ax20 5180MHz Low Ant2



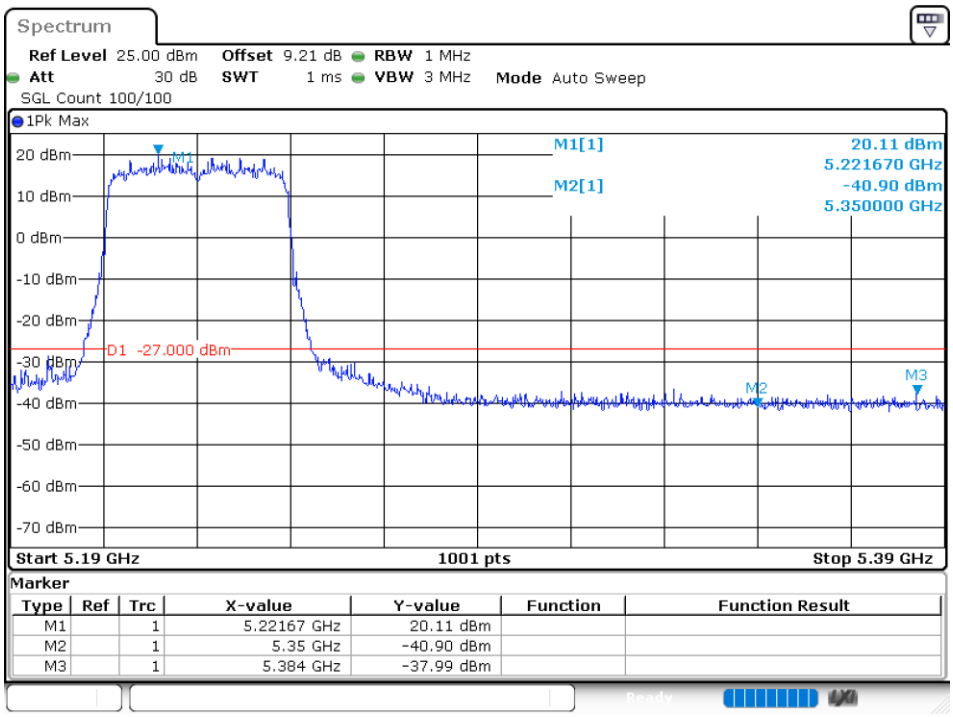
Band Edge NVNT ax20 5240MHz High Ant2



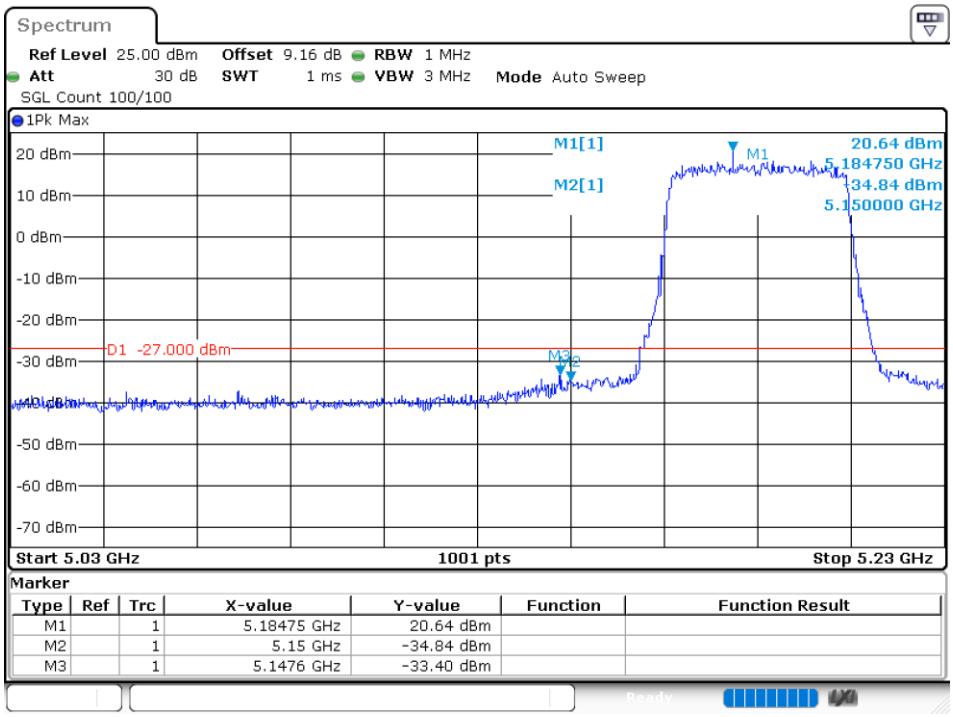
Band Edge NVNT ax40 5190MHz Low Ant1



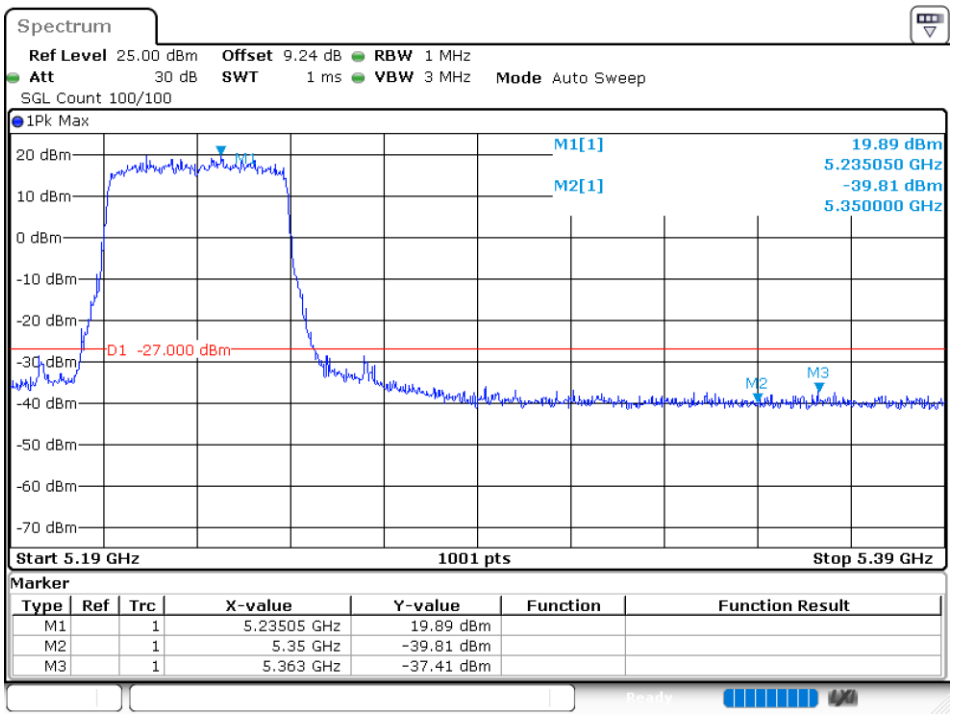
Band Edge NVNT ax40 5230MHz High Ant1



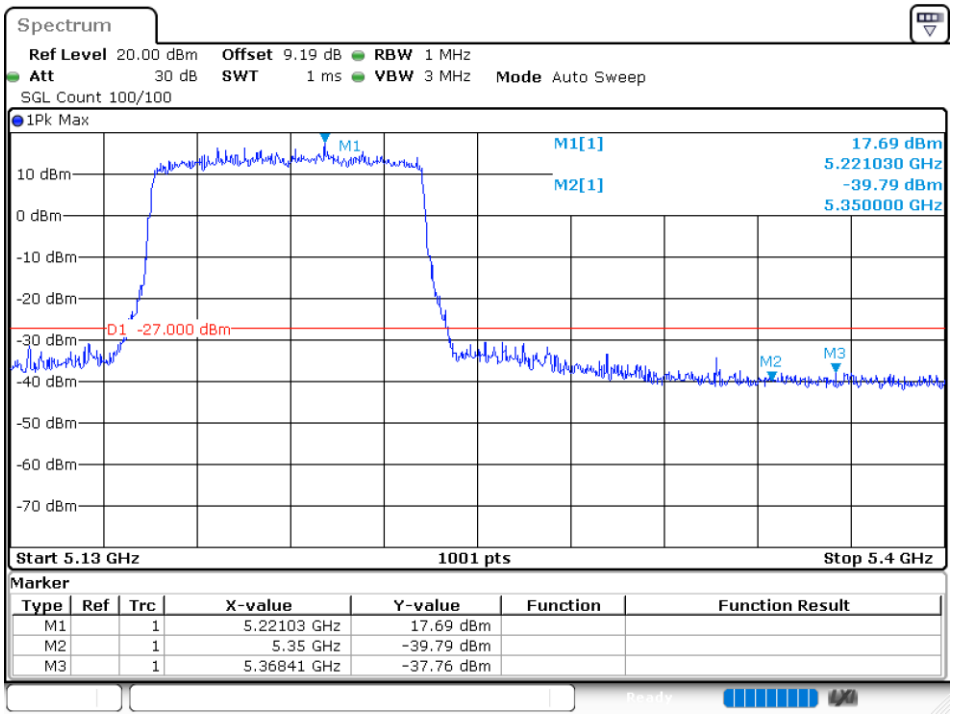
Band Edge NVNT ax40 5190MHz Low Ant2



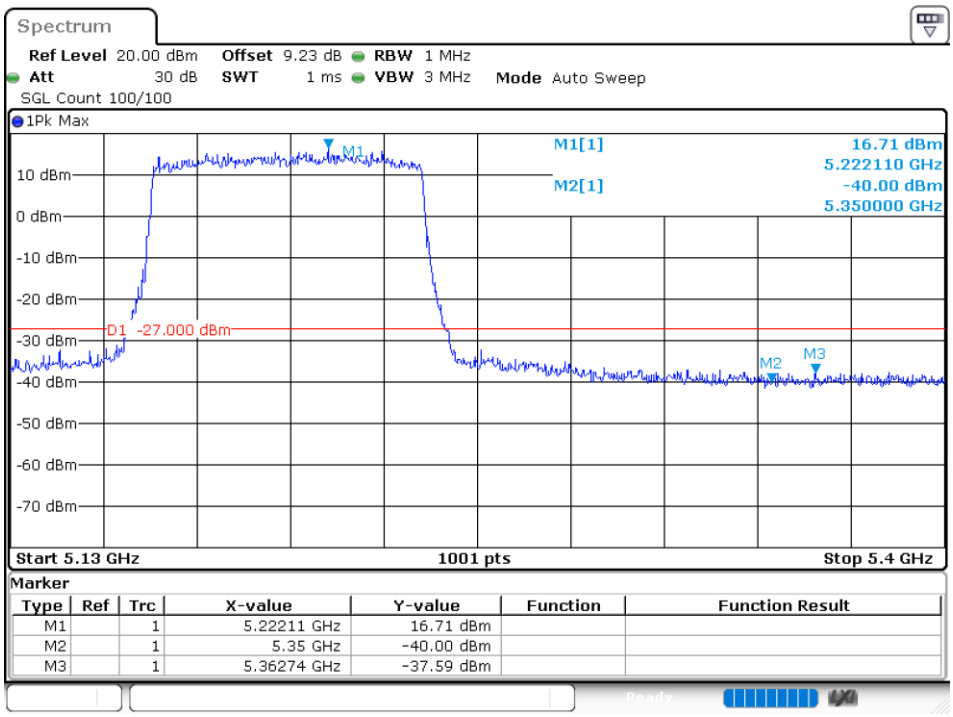
Band Edge NVNT ax40 5230MHz High Ant2



Band Edge NVNT ax80 5210MHz High Ant1



Band Edge NVNT ax80 5210MHz High Ant2



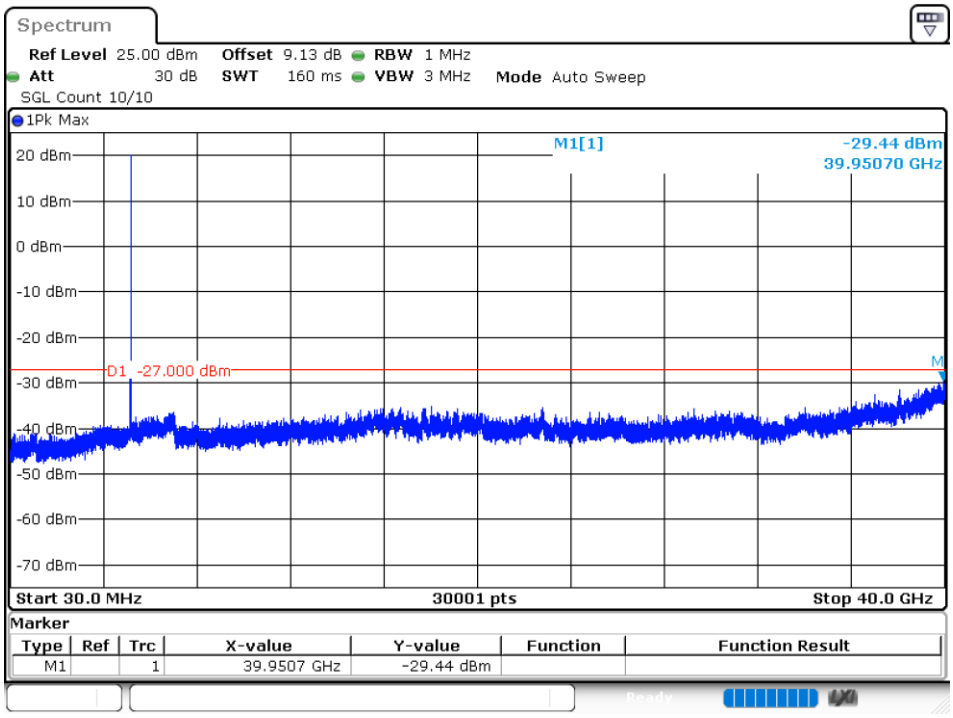
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-29.44	-27	Pass
NVNT	a	5200	Ant1	-28.54	-27	Pass
NVNT	a	5240	Ant1	-30.08	-27	Pass
NVNT	a	5180	Ant2	-29.92	-27	Pass
NVNT	a	5200	Ant2	-28.82	-27	Pass
NVNT	a	5240	Ant2	-28.92	-27	Pass
NVNT	n20	5180	Ant1	-29.62	-27	Pass
NVNT	n20	5200	Ant1	-29.62	-27	Pass
NVNT	n20	5240	Ant1	-28.92	-27	Pass
NVNT	n20	5180	Ant2	-29.63	-27	Pass
NVNT	n20	5200	Ant2	-29.43	-27	Pass
NVNT	n20	5240	Ant2	-29.4	-27	Pass
NVNT	n40	5190	Ant1	-29.56	-27	Pass
NVNT	n40	5230	Ant1	-29.34	-27	Pass
NVNT	n40	5190	Ant2	-29.97	-27	Pass
NVNT	n40	5230	Ant2	-29.77	-27	Pass
NVNT	ac20	5180	Ant1	-28.85	-27	Pass
NVNT	ac20	5200	Ant1	-29.5	-27	Pass
NVNT	ac20	5240	Ant1	-29.29	-27	Pass
NVNT	ac20	5180	Ant2	-30	-27	Pass
NVNT	ac20	5200	Ant2	-29.27	-27	Pass
NVNT	ac20	5240	Ant2	-29.81	-27	Pass
NVNT	ac40	5190	Ant1	-29.07	-27	Pass
NVNT	ac40	5230	Ant1	-29.92	-27	Pass
NVNT	ac40	5190	Ant2	-29.5	-27	Pass
NVNT	ac40	5230	Ant2	-28.77	-27	Pass
NVNT	ac80	5210	Ant1	-29.98	-27	Pass
NVNT	ac80	5210	Ant2	-29.25	-27	Pass
NVNT	ax20	5180	Ant1	-30.05	-27	Pass
NVNT	ax20	5200	Ant1	-29.73	-27	Pass
NVNT	ax20	5240	Ant1	-29.7	-27	Pass
NVNT	ax20	5180	Ant2	-29.57	-27	Pass
NVNT	ax20	5200	Ant2	-29.76	-27	Pass
NVNT	ax20	5240	Ant2	-30.03	-27	Pass
NVNT	ax40	5190	Ant1	-29.57	-27	Pass
NVNT	ax40	5230	Ant1	-29.52	-27	Pass
NVNT	ax40	5190	Ant2	-28.9	-27	Pass
NVNT	ax40	5230	Ant2	-29.7	-27	Pass
NVNT	ax80	5210	Ant1	-29.26	-27	Pass

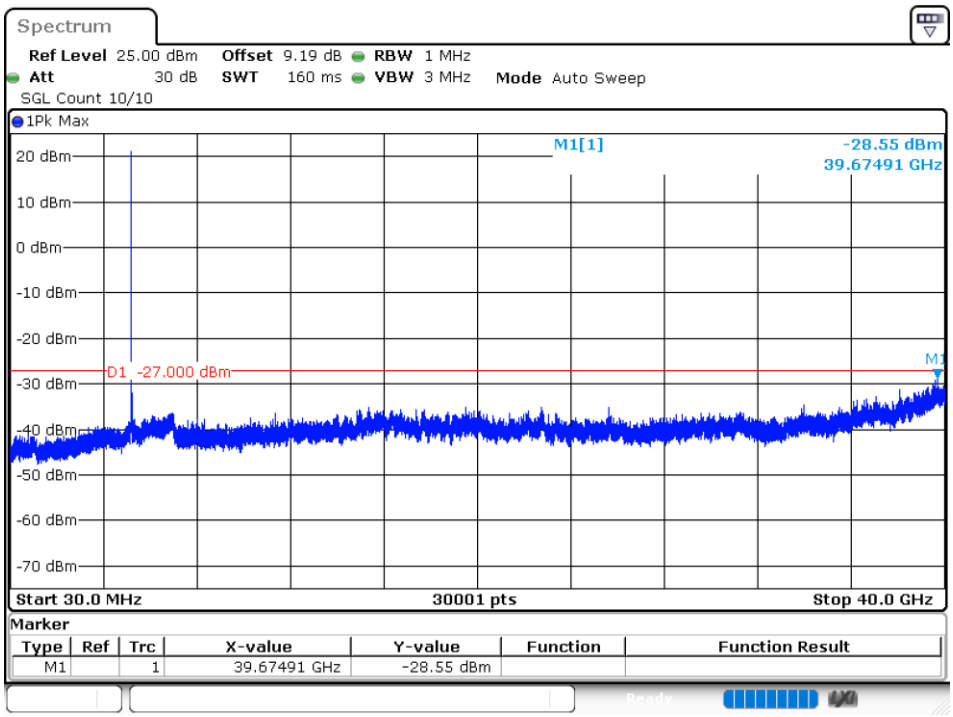
NVNT	ax80	5210	Ant2	-29.99	-27	Pass

Test Graphs

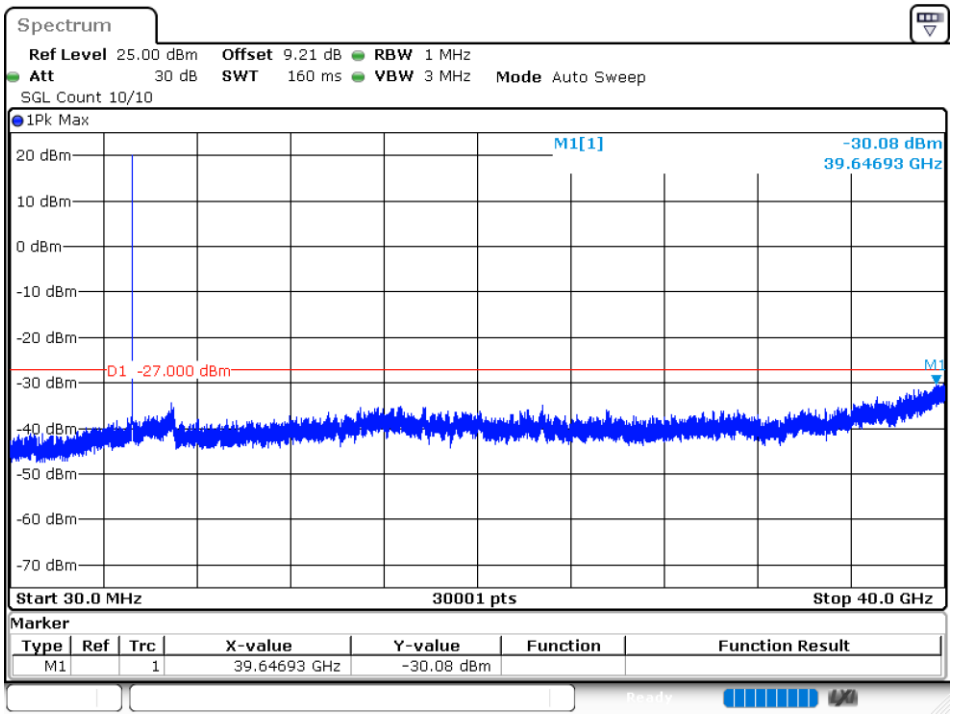
Tx. Spurious NVNT a 5180MHz Ant1 Emission



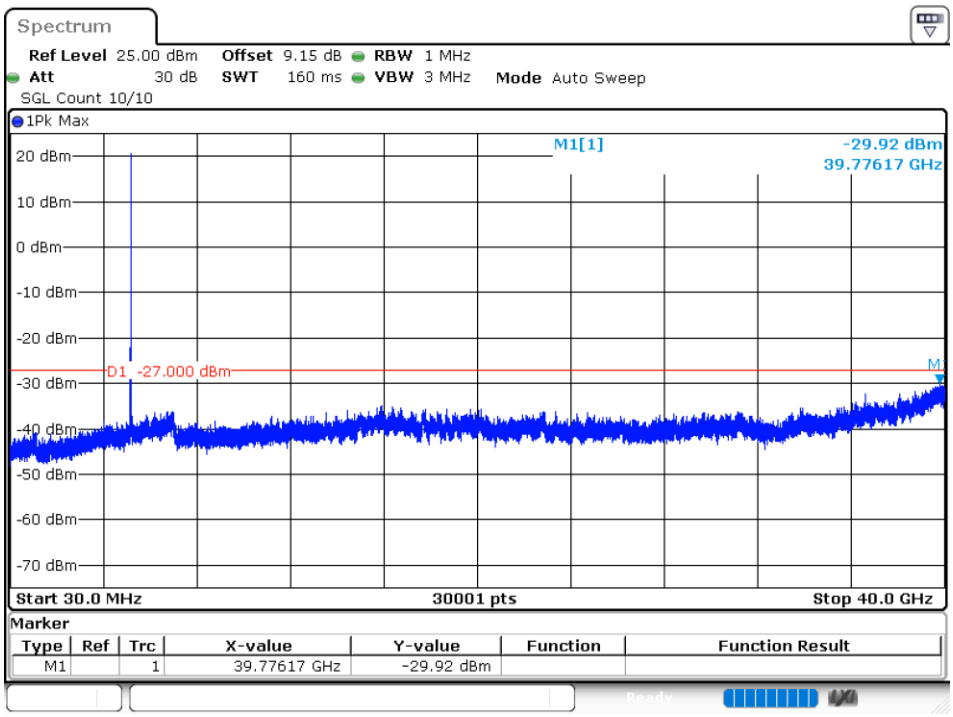
Tx. Spurious NVNT a 5200MHz Ant1 Emission



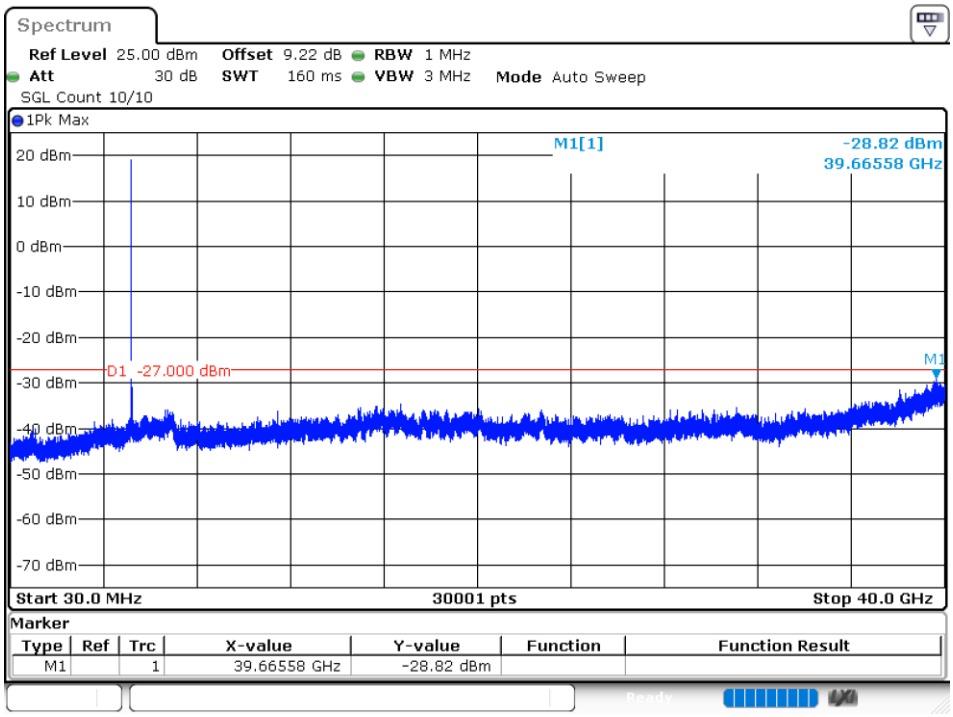
Tx. Spurious NVNT a 5240MHz Ant1 Emission



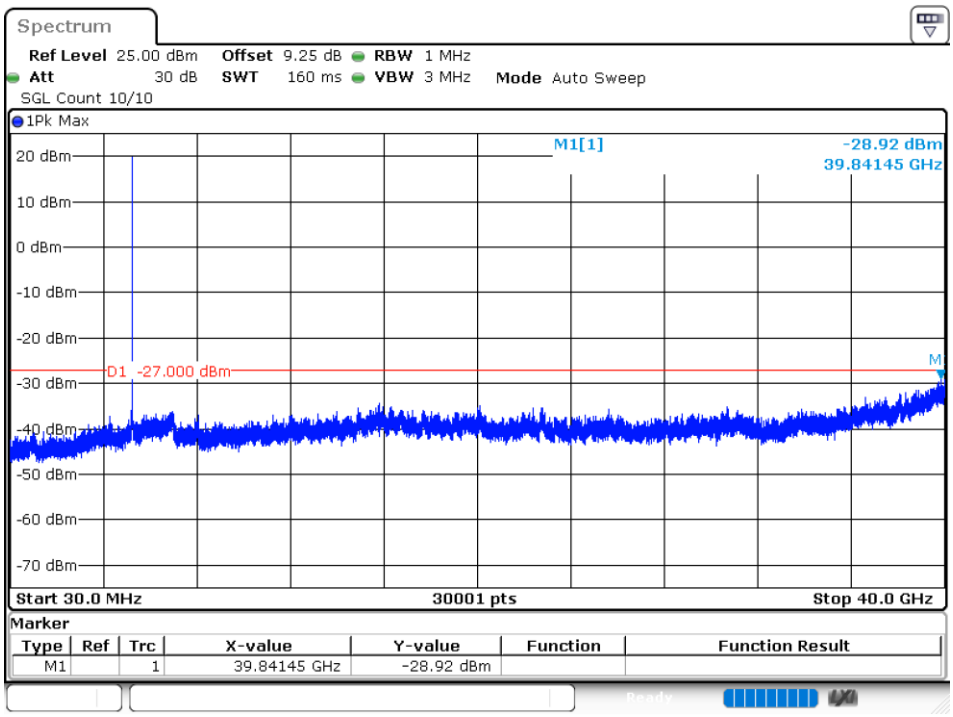
Tx. Spurious NVNT a 5180MHz Ant2 Emission



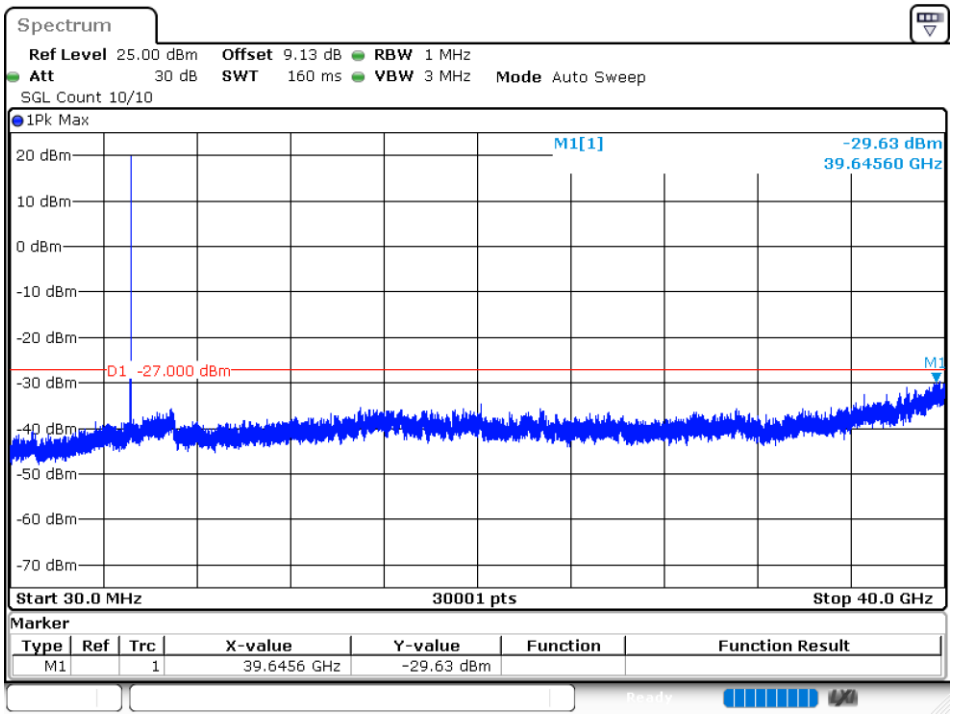
Tx. Spurious NVNT a 5200MHz Ant2 Emission



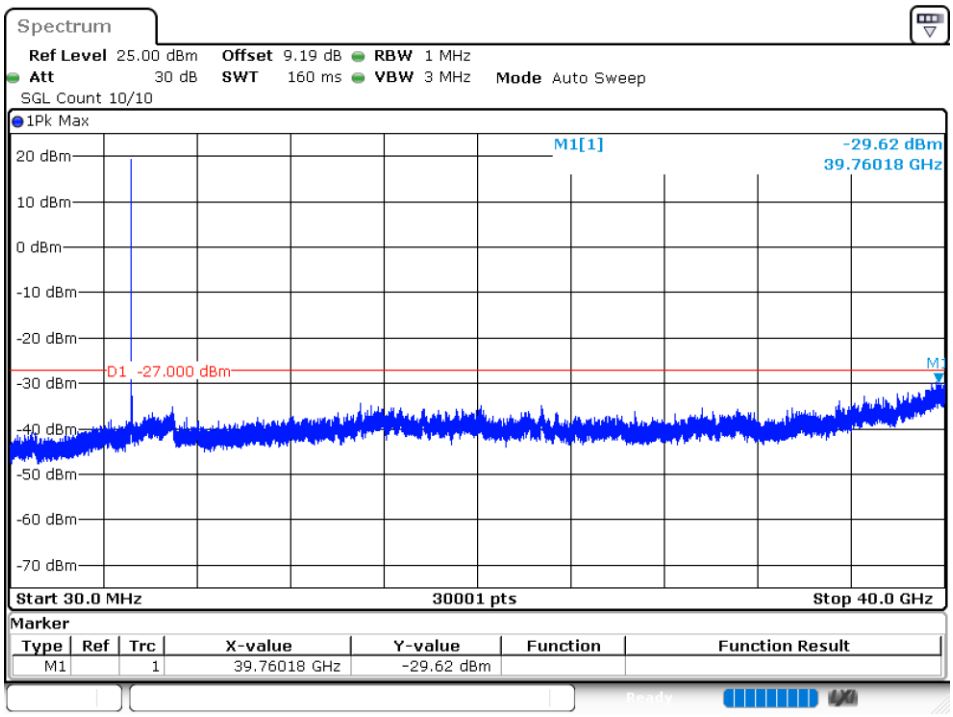
Tx. Spurious NVNT a 5240MHz Ant2 Emission



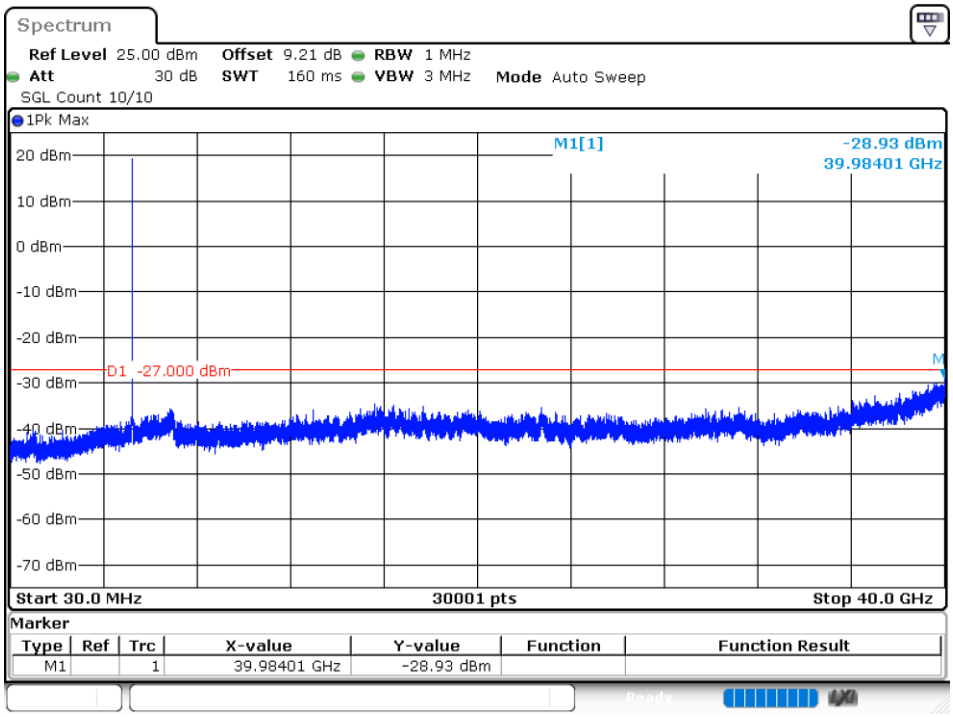
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



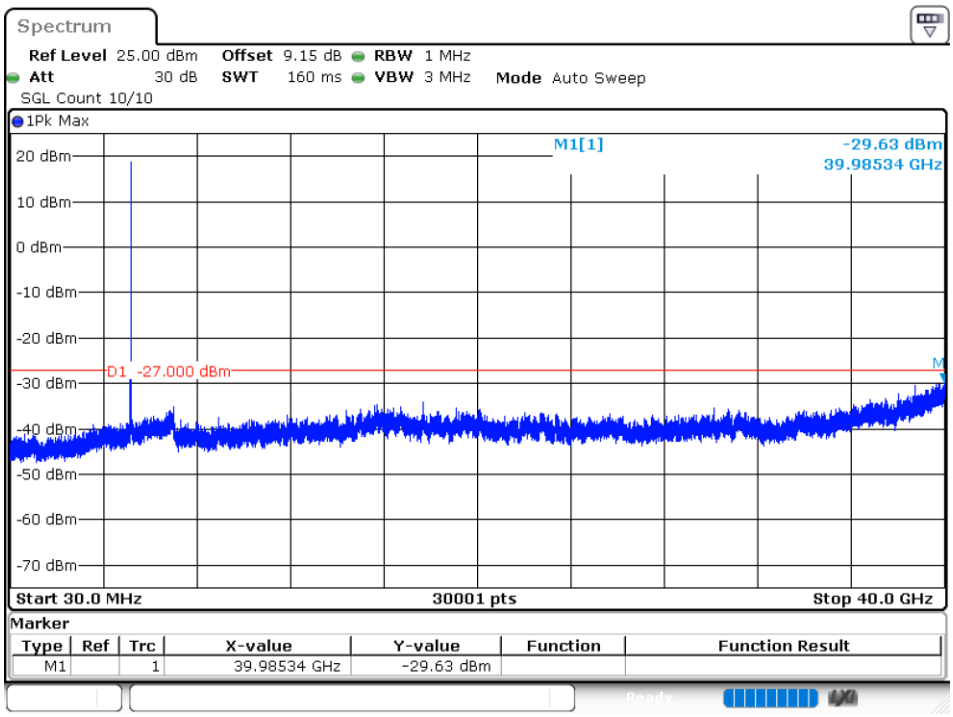
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



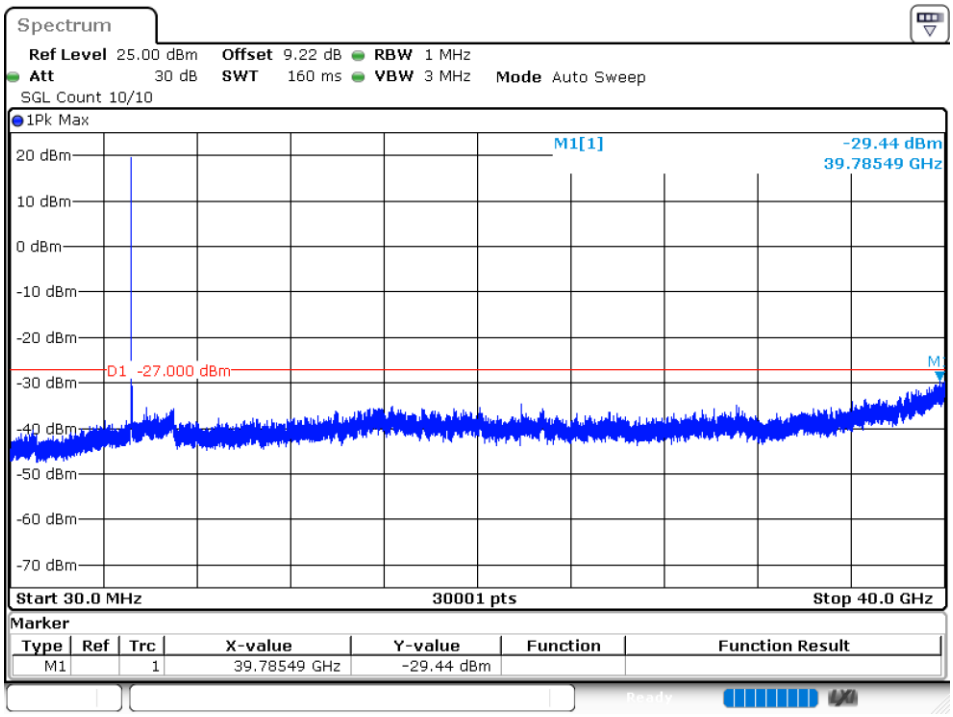
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



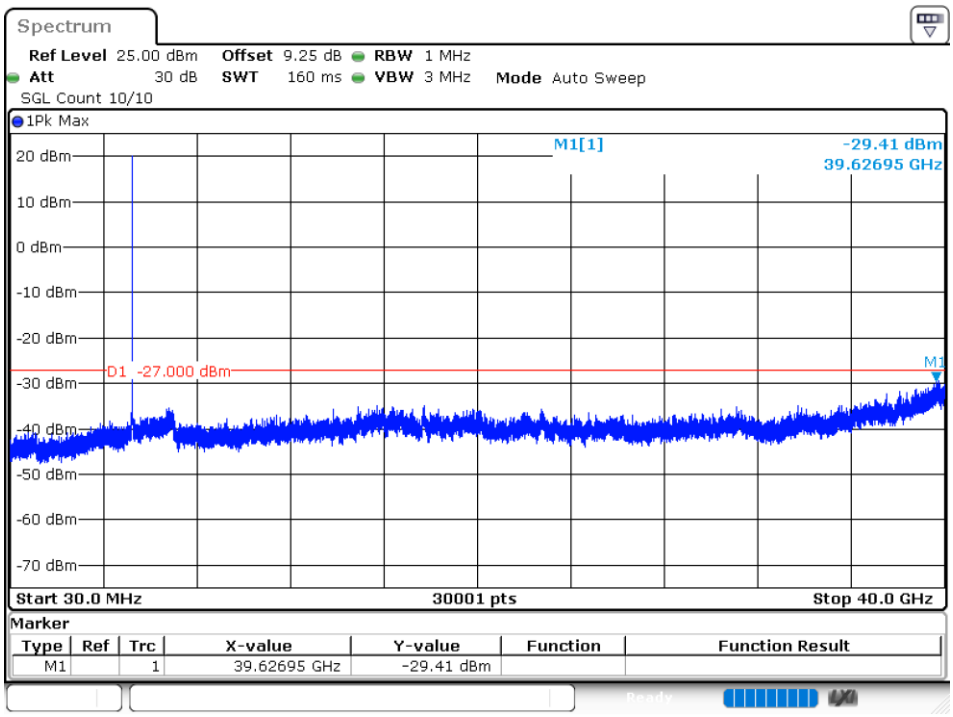
Tx. Spurious NVNT n20 5180MHz Ant2 Emission



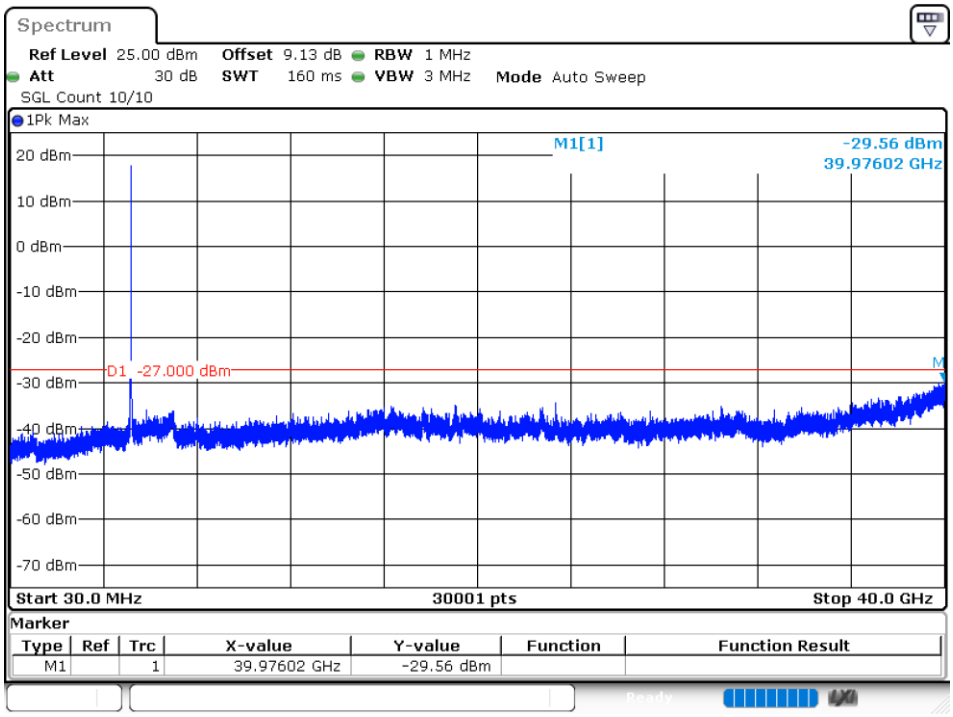
Tx. Spurious NVNT n20 5200MHz Ant2 Emission



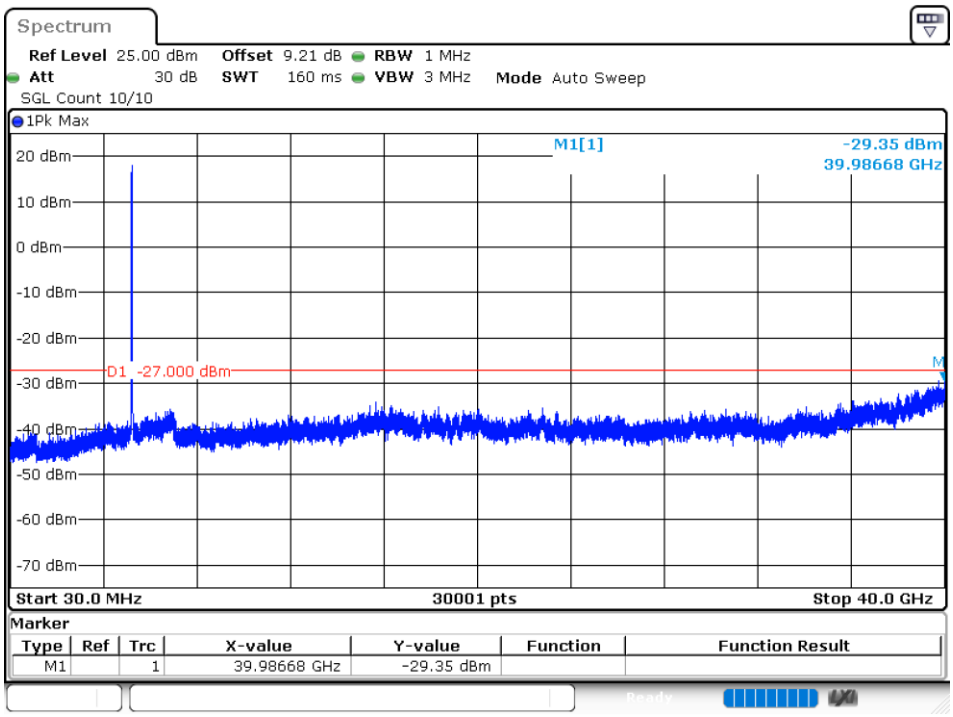
Tx. Spurious NVNT n20 5240MHz Ant2 Emission



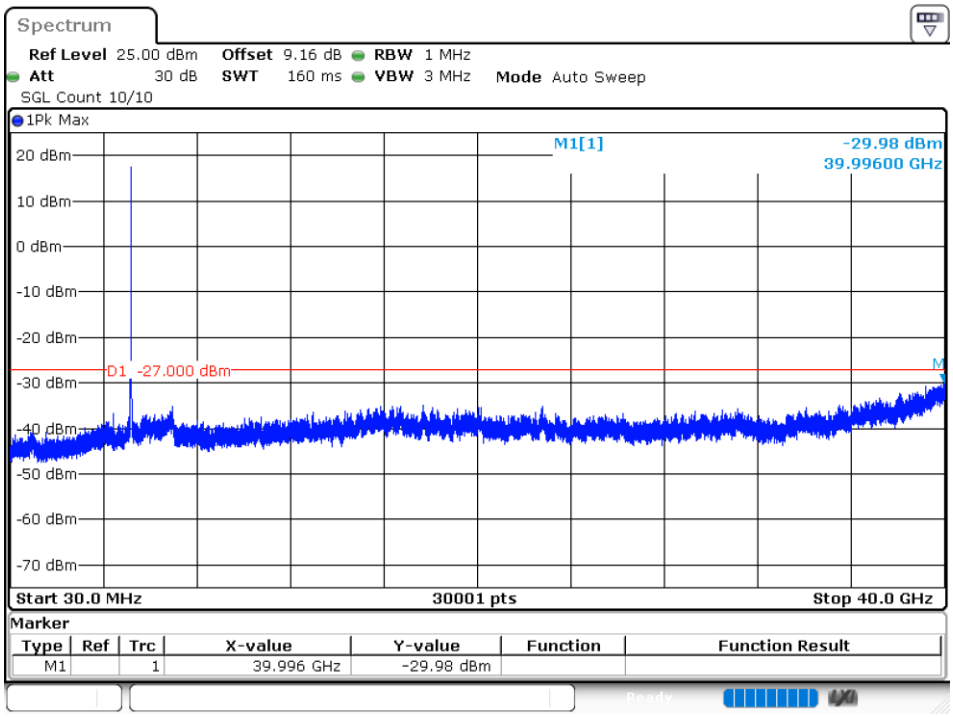
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



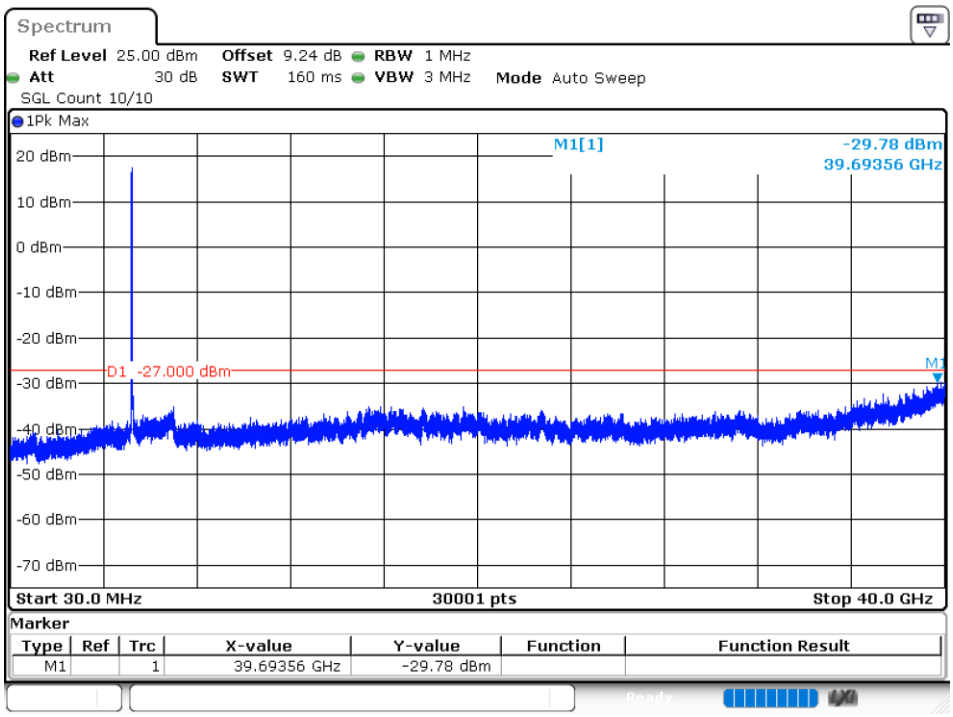
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



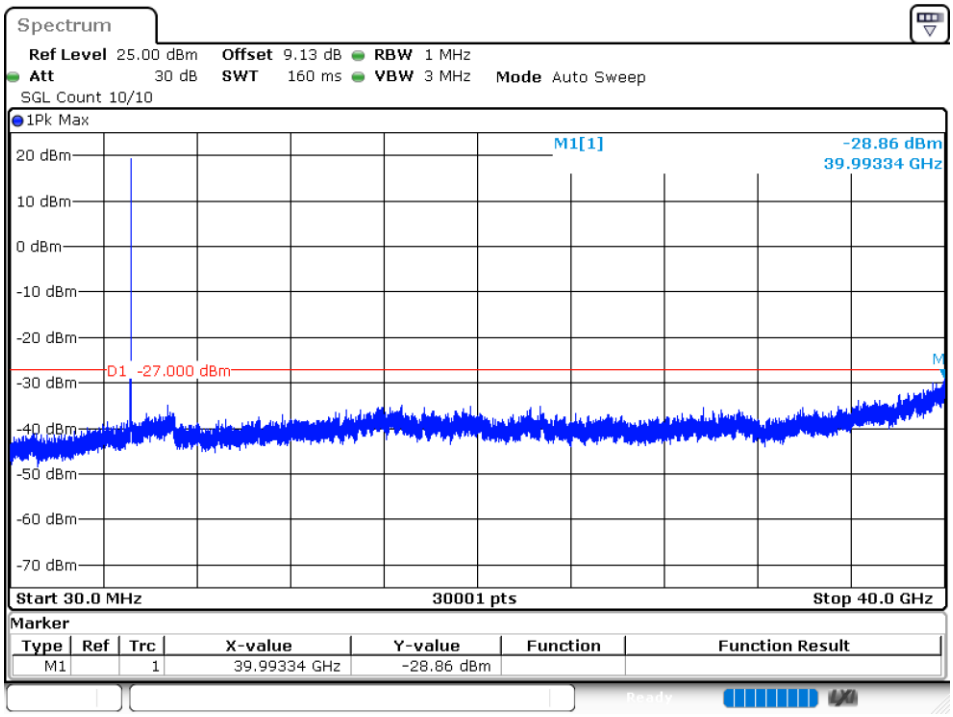
Tx. Spurious NVNT n40 5190MHz Ant2 Emission



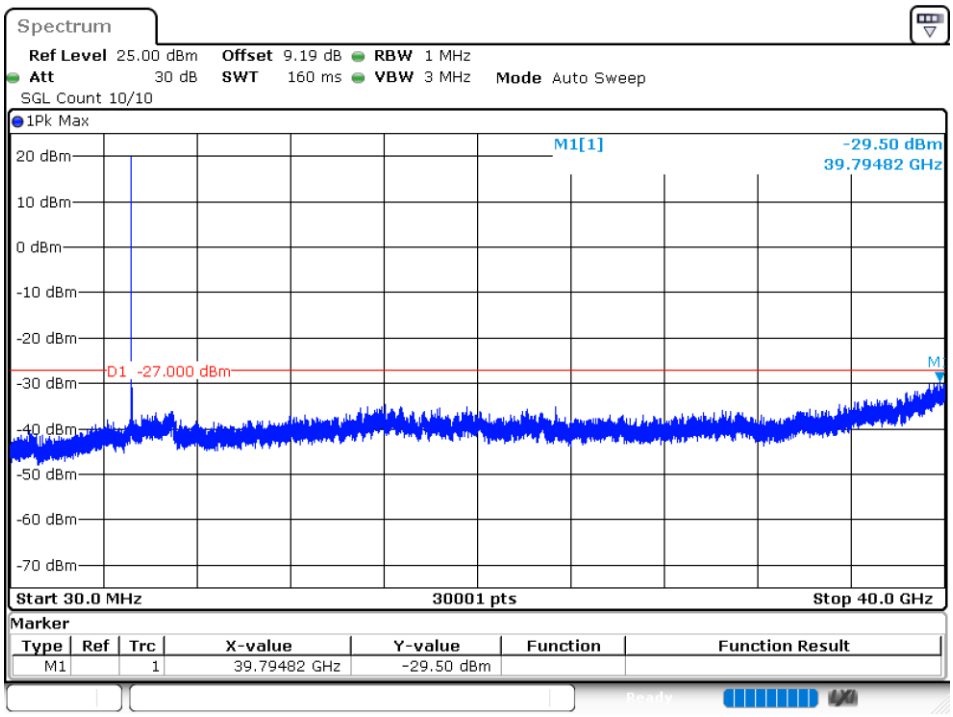
Tx. Spurious NVNT n40 5230MHz Ant2 Emission



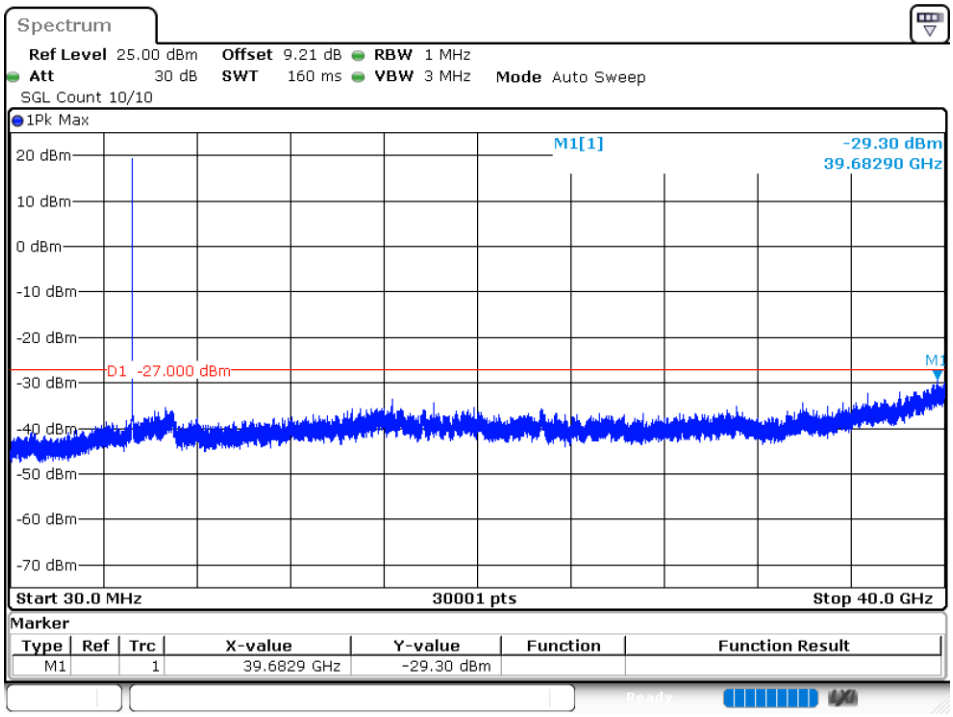
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



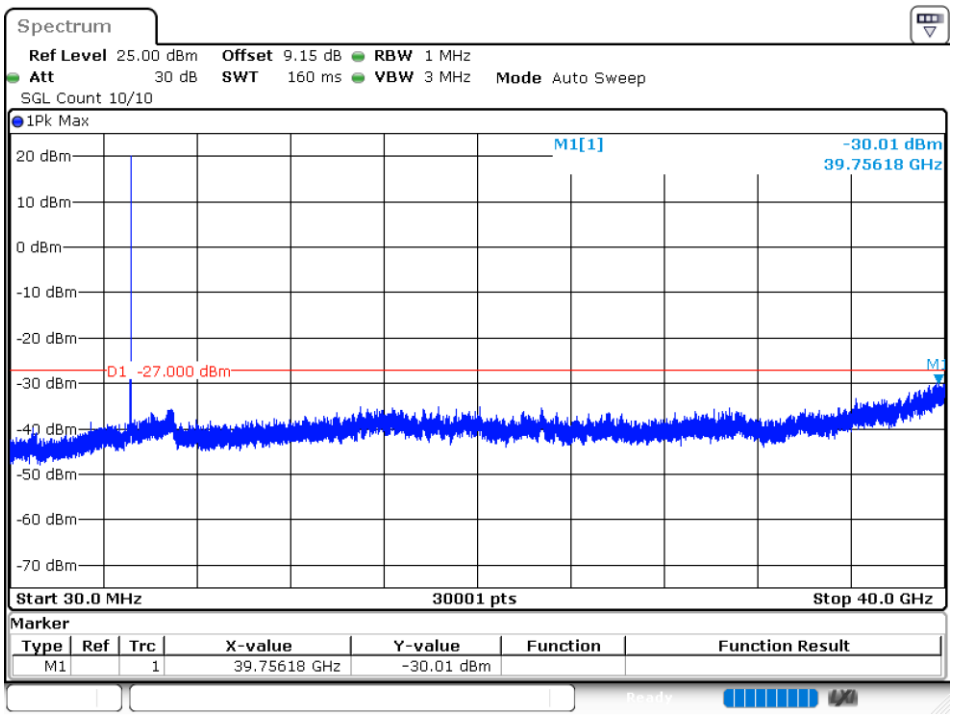
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



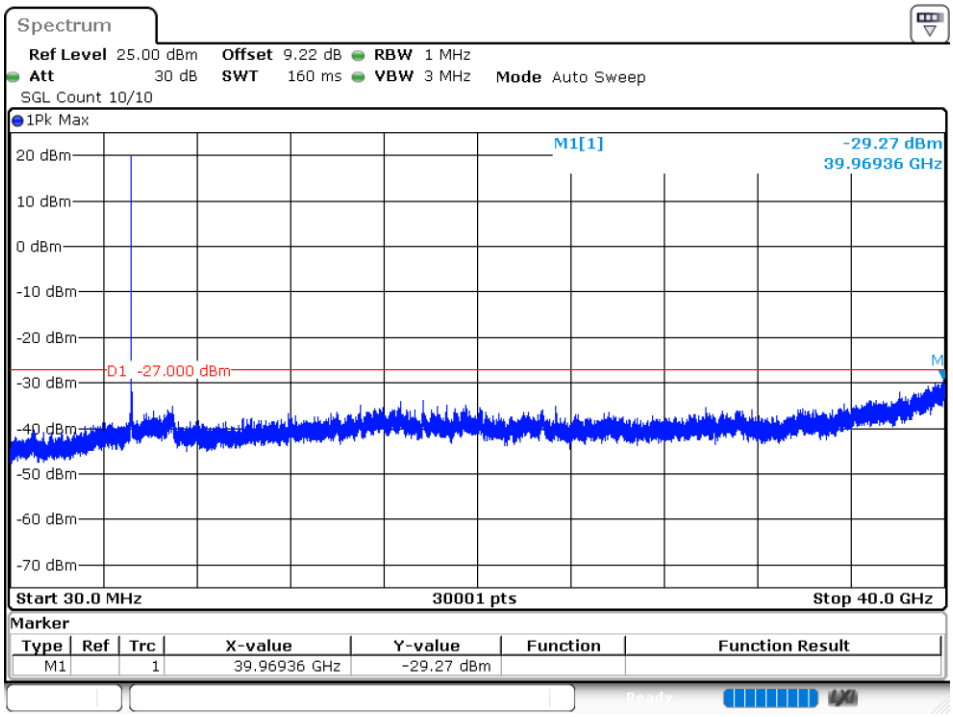
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



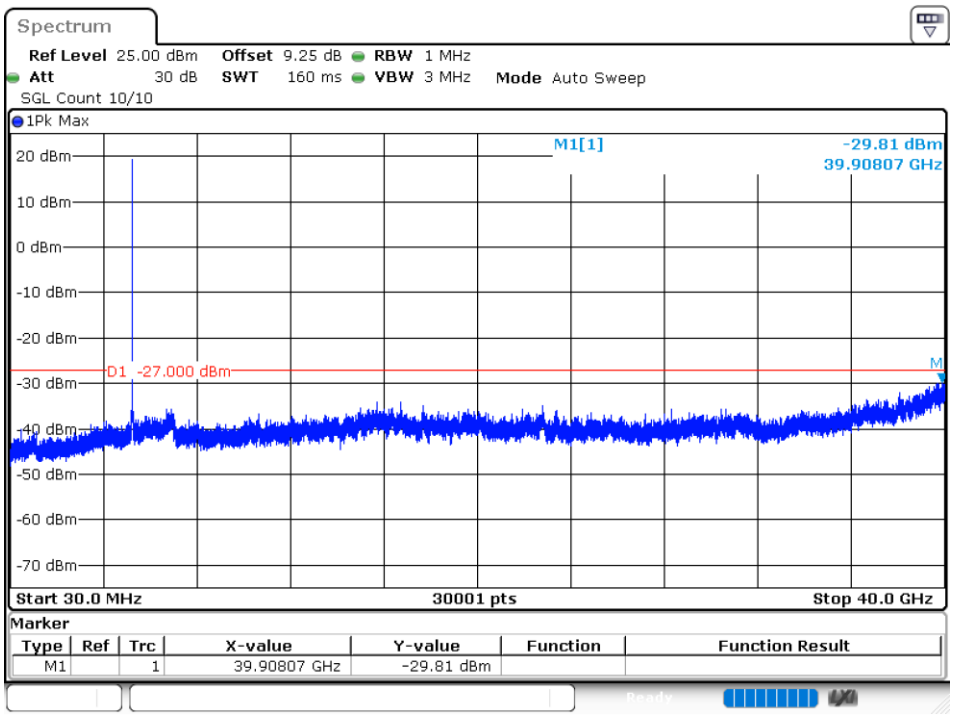
Tx. Spurious NVNT ac20 5180MHz Ant2 Emission



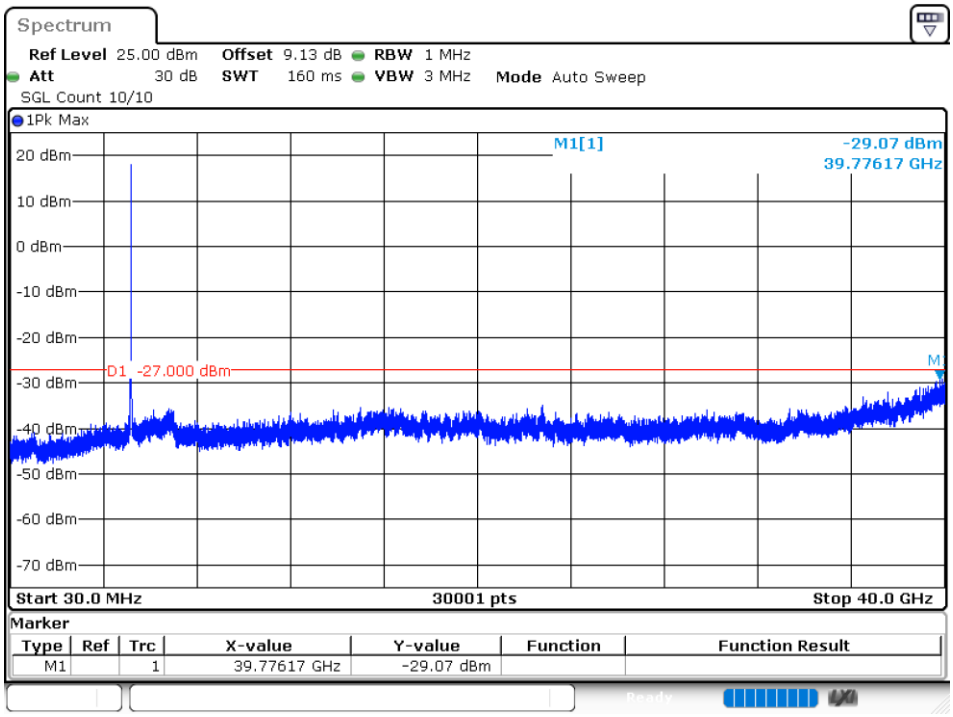
Tx. Spurious NVNT ac20 5200MHz Ant2 Emission



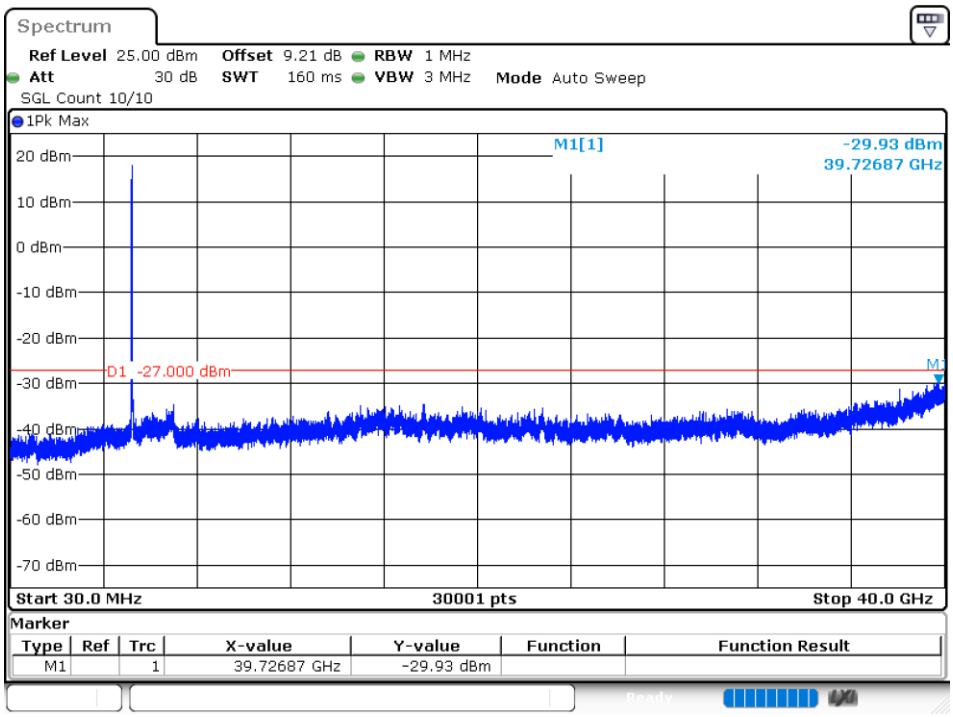
Tx. Spurious NVNT ac20 5240MHz Ant2 Emission



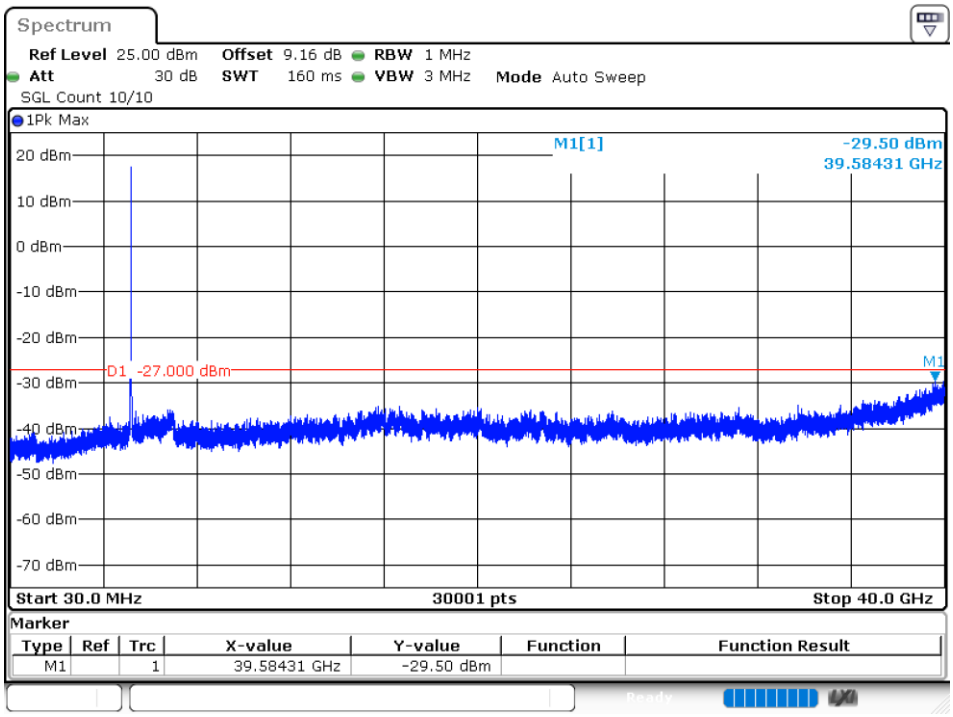
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



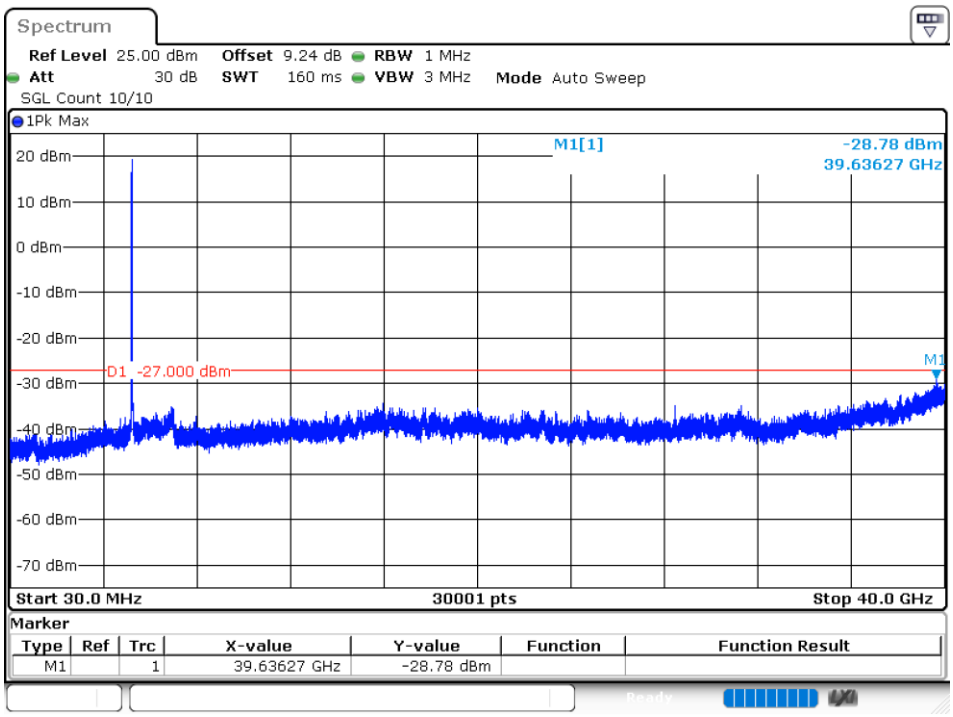
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



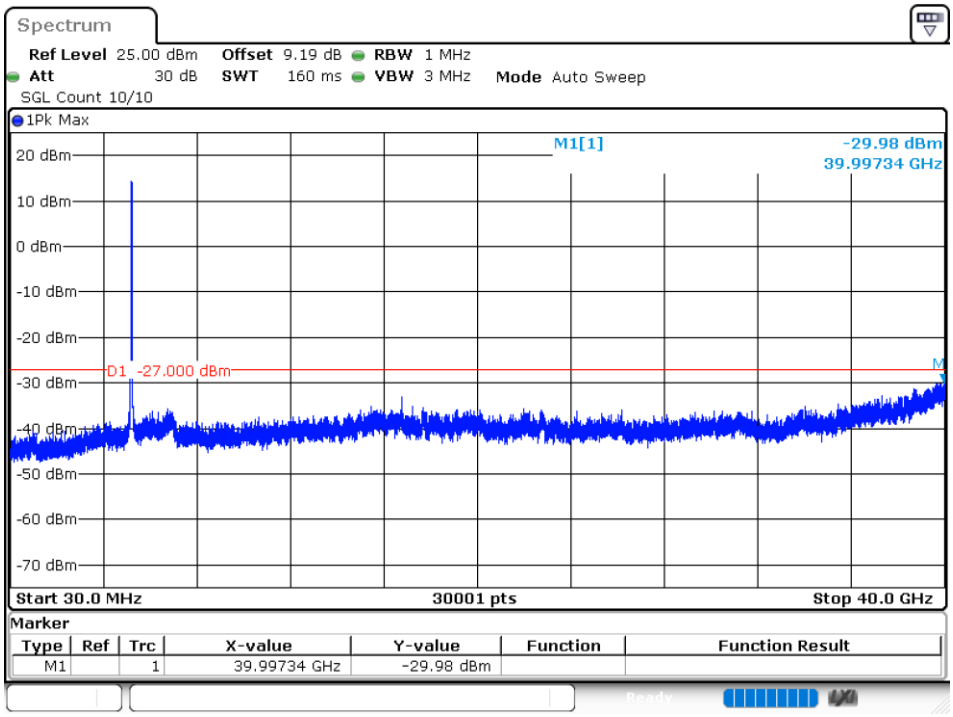
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



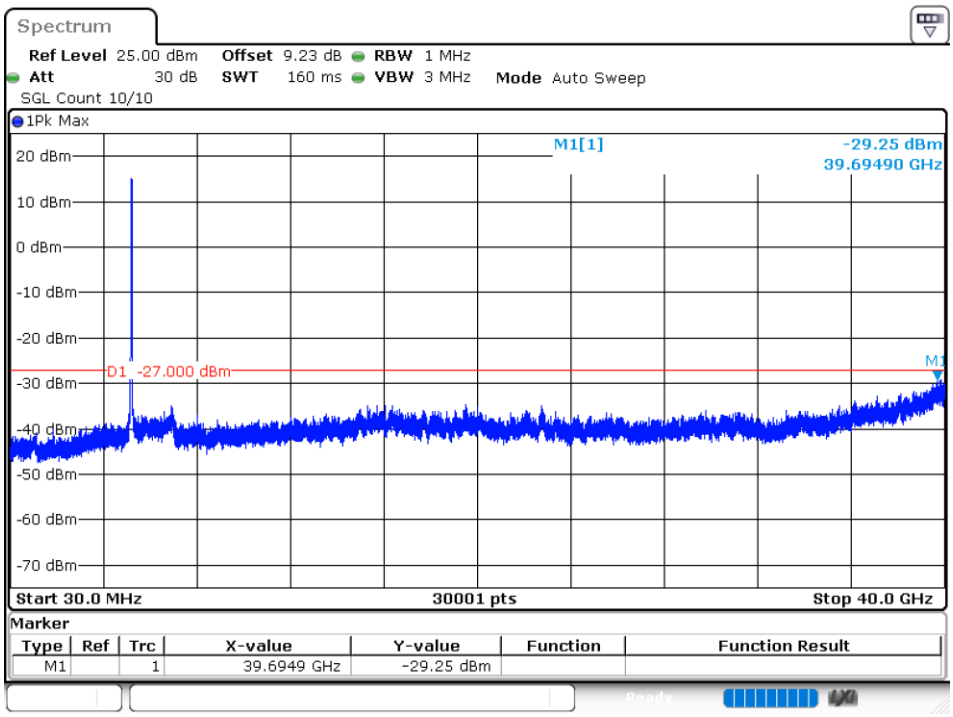
Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



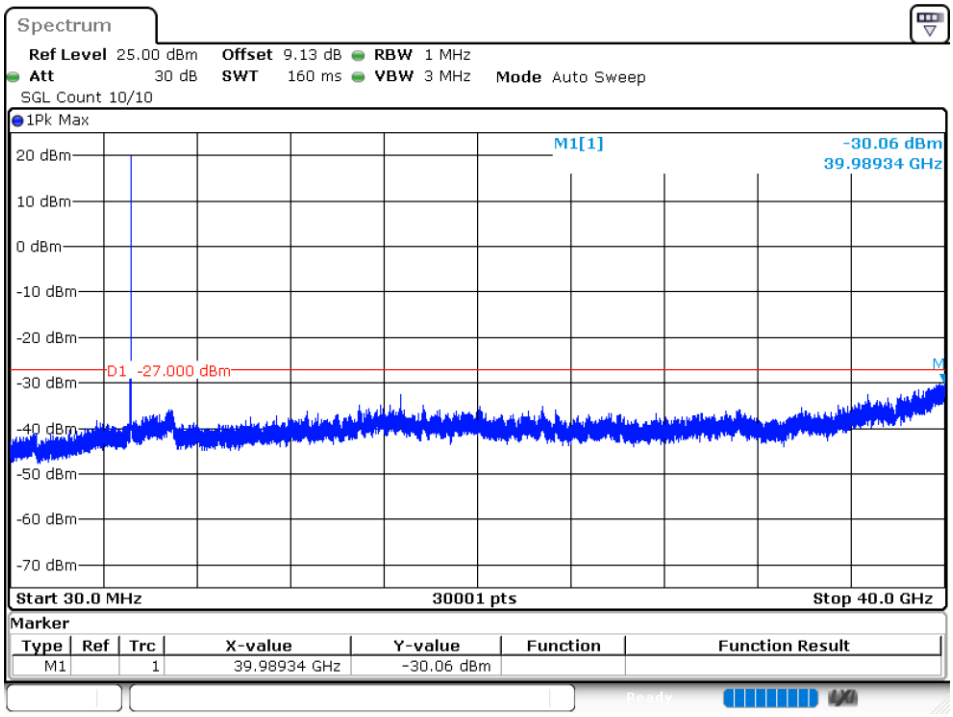
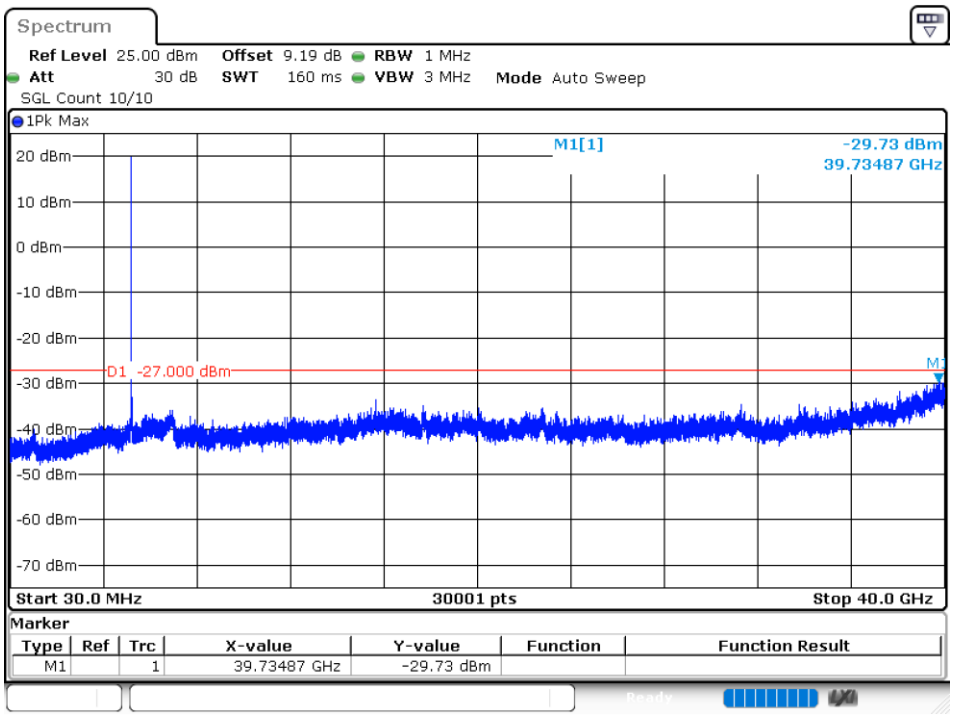
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



Tx. Spurious NVNT ax20 5180MHz Ant1 Emission



Tx. Spurious NVNT ax20 5200MHz Ant1 Emission