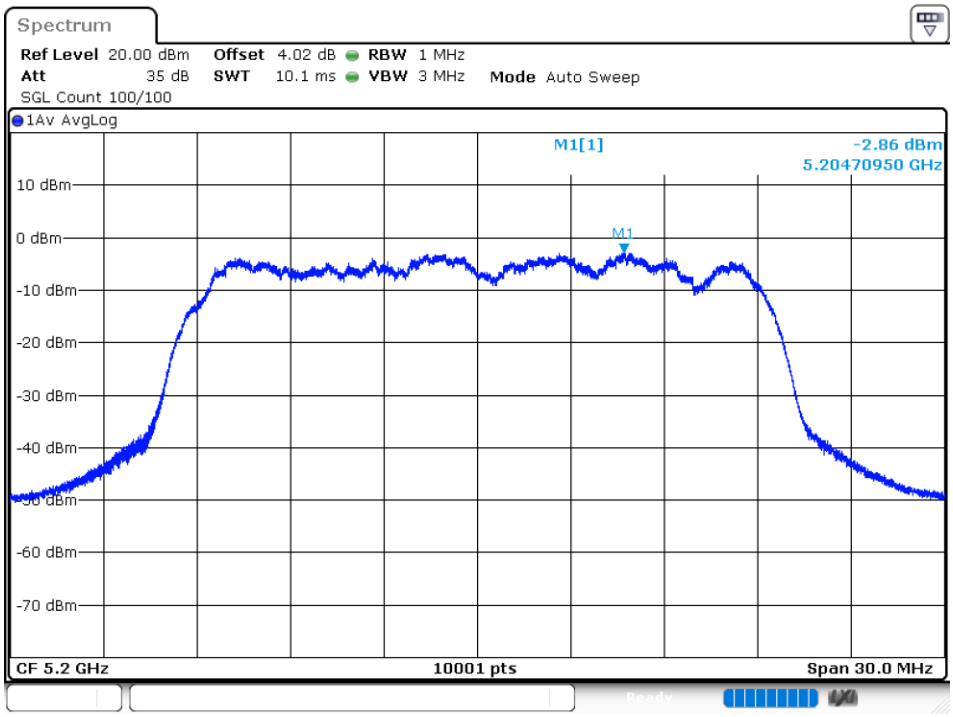
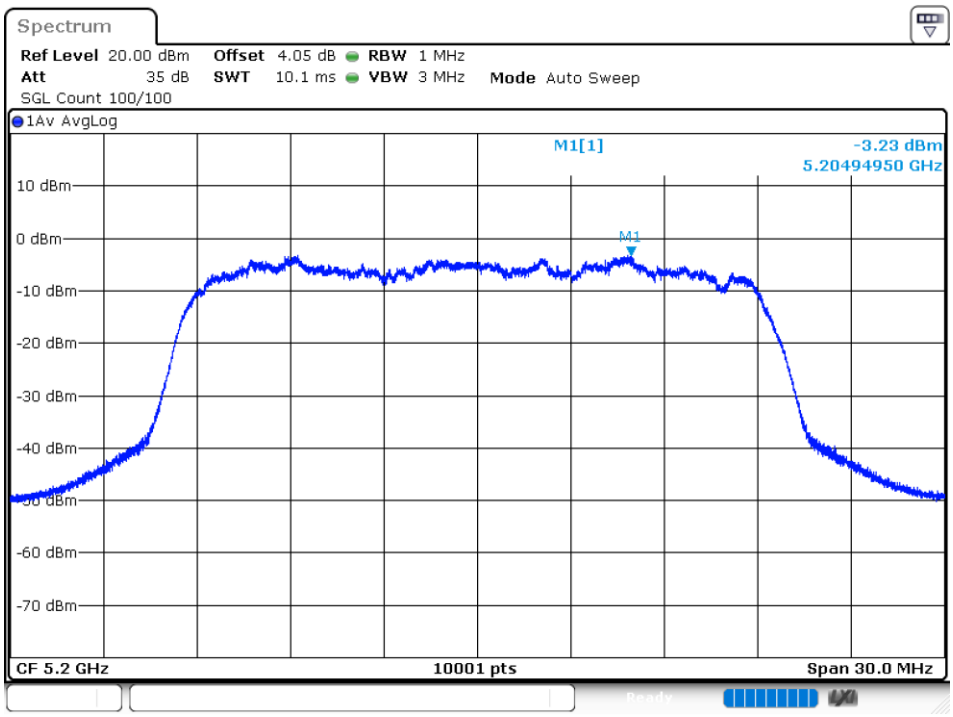
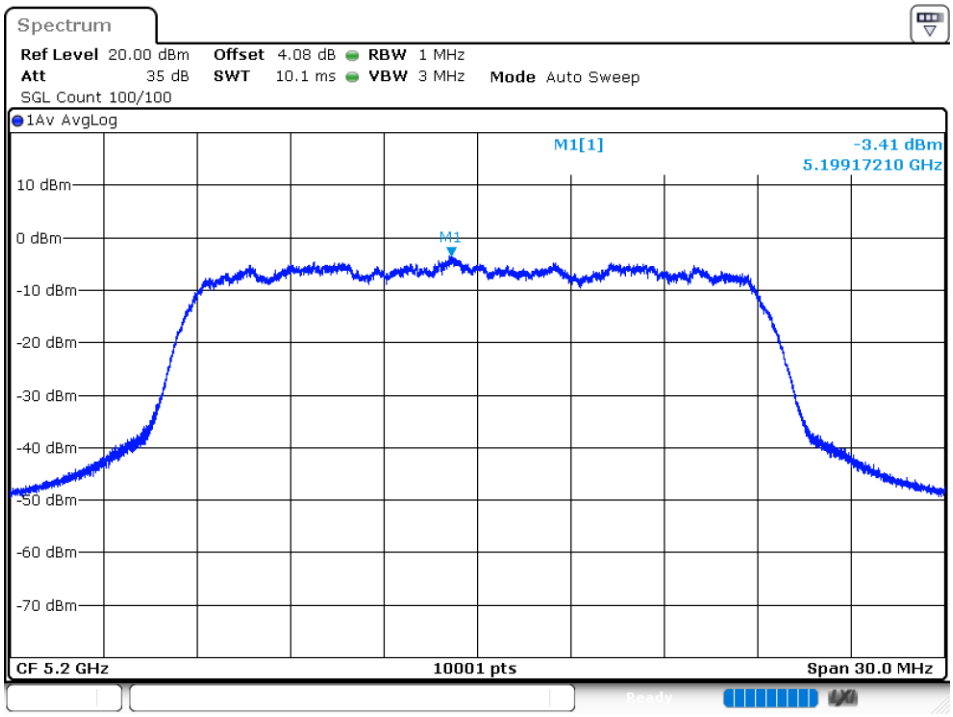
PSD NVNT n20 5200MHz Ant1



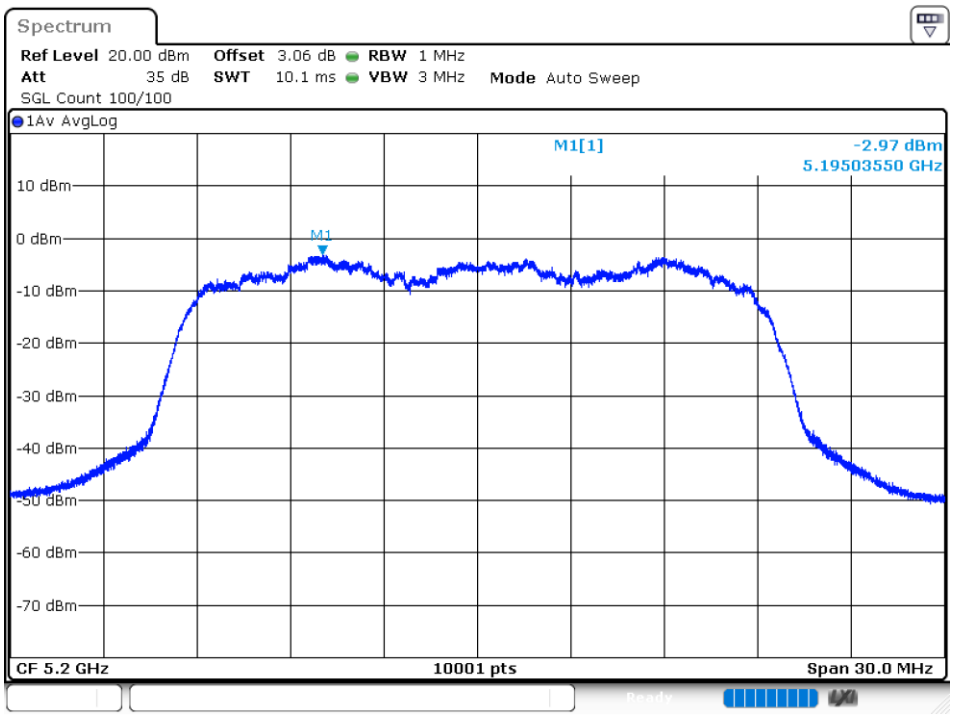
PSD NVNT n20 5200MHz Ant2



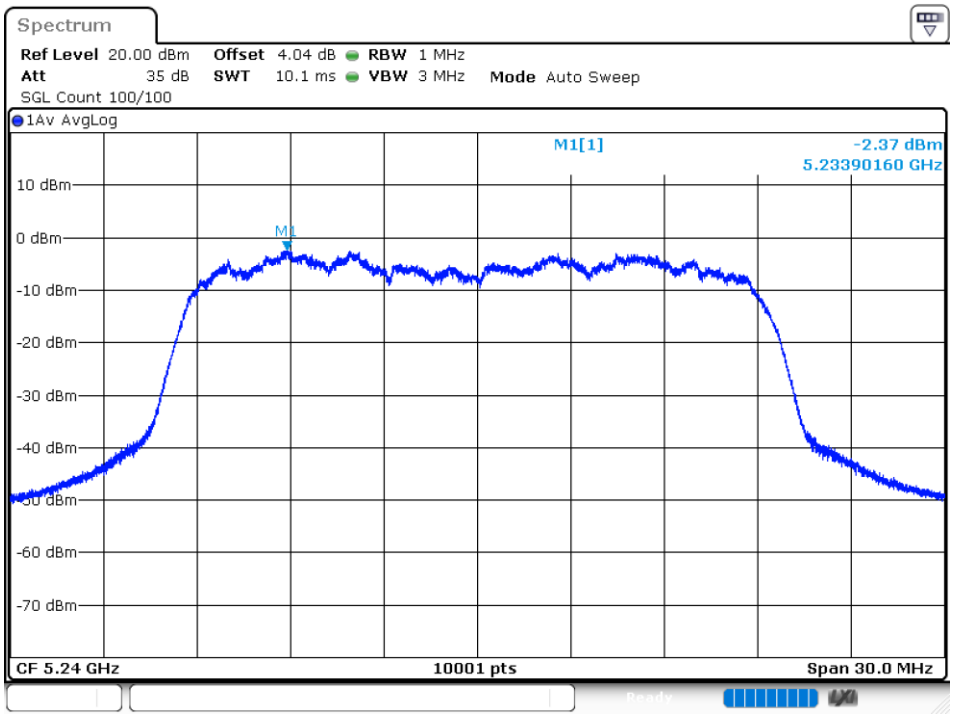
PSD NVNT n20 5200MHz Ant3



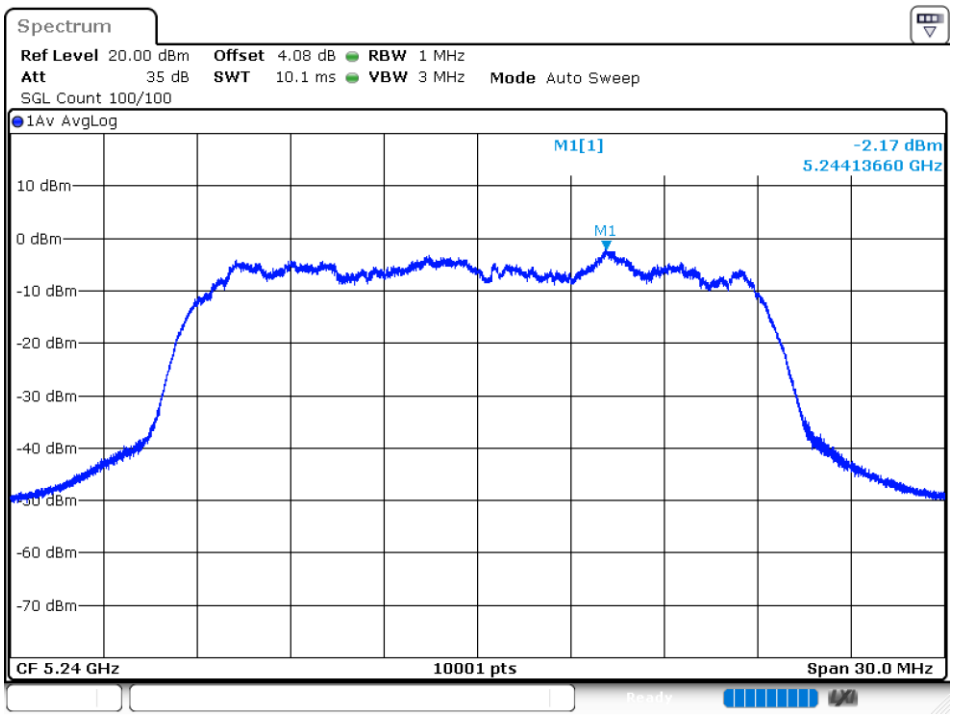
PSD NVNT n20 5200MHz Ant4



PSD NVNT n20 5240MHz Ant1



PSD NVNT n20 5240MHz Ant2



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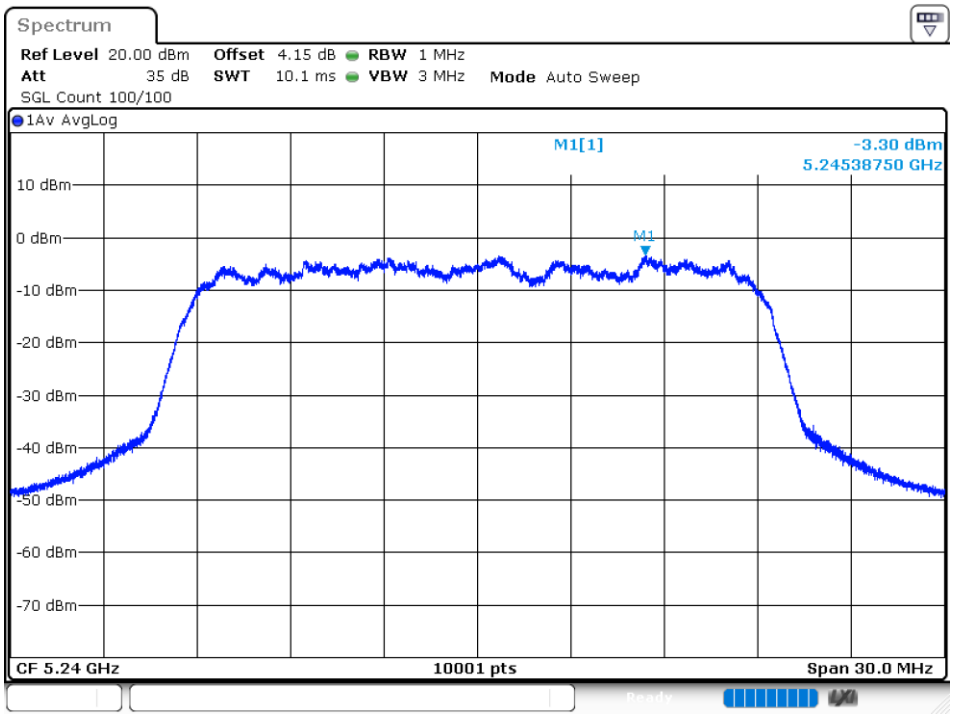
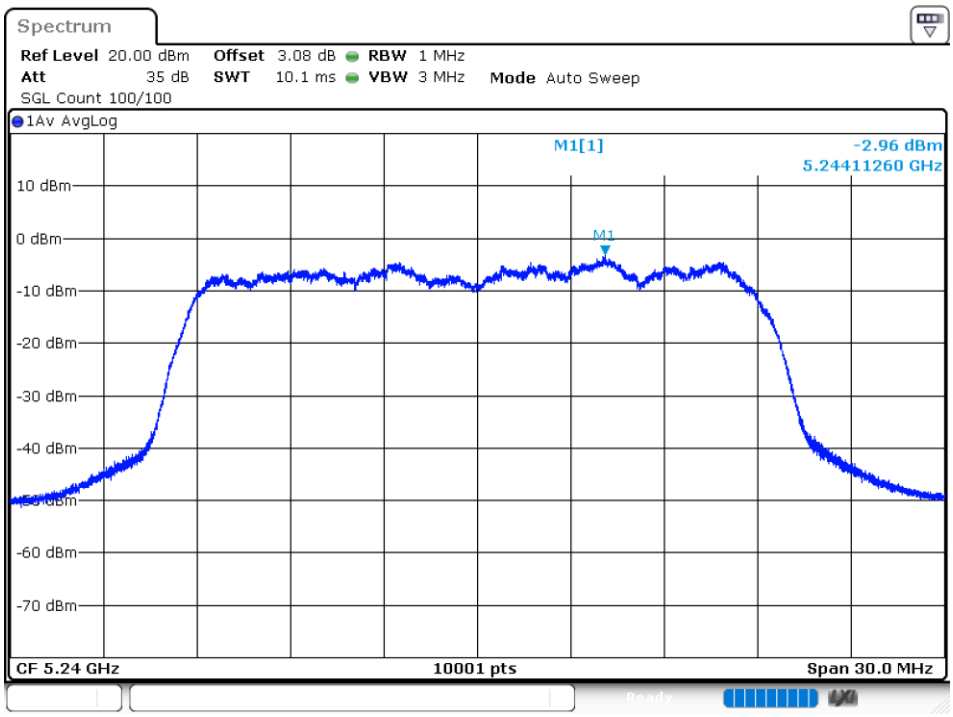
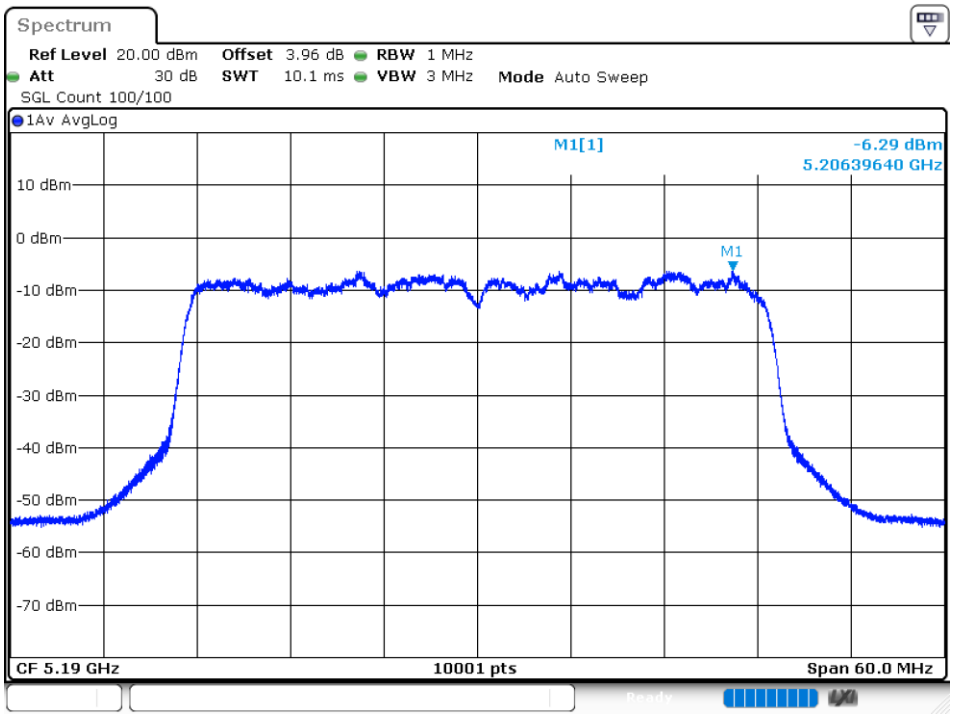


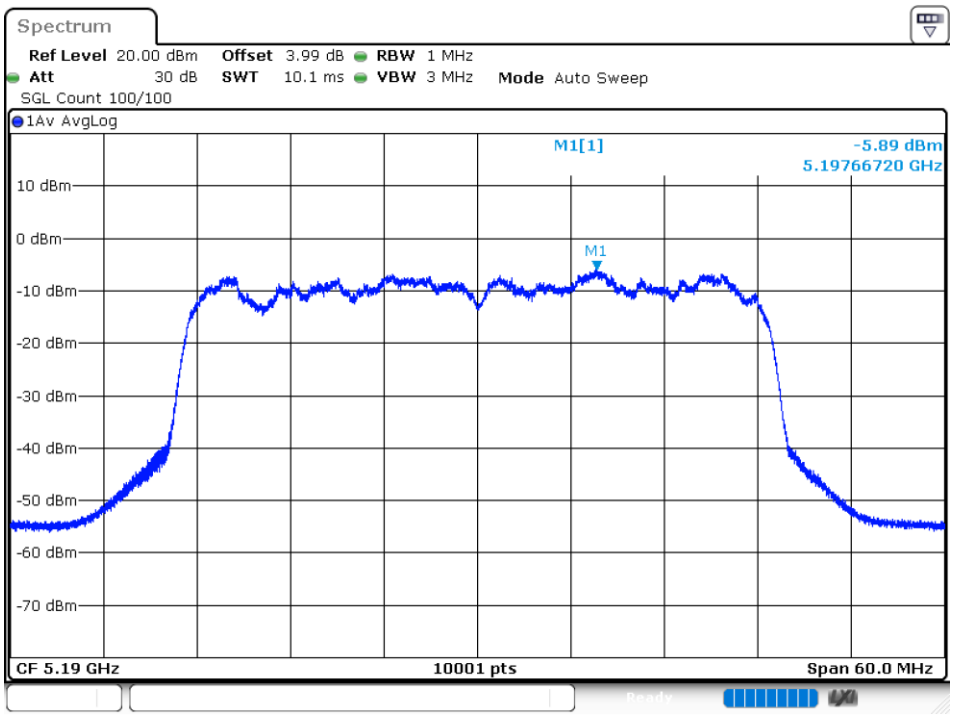
PSD NVNT n20 5240MHz Ant4



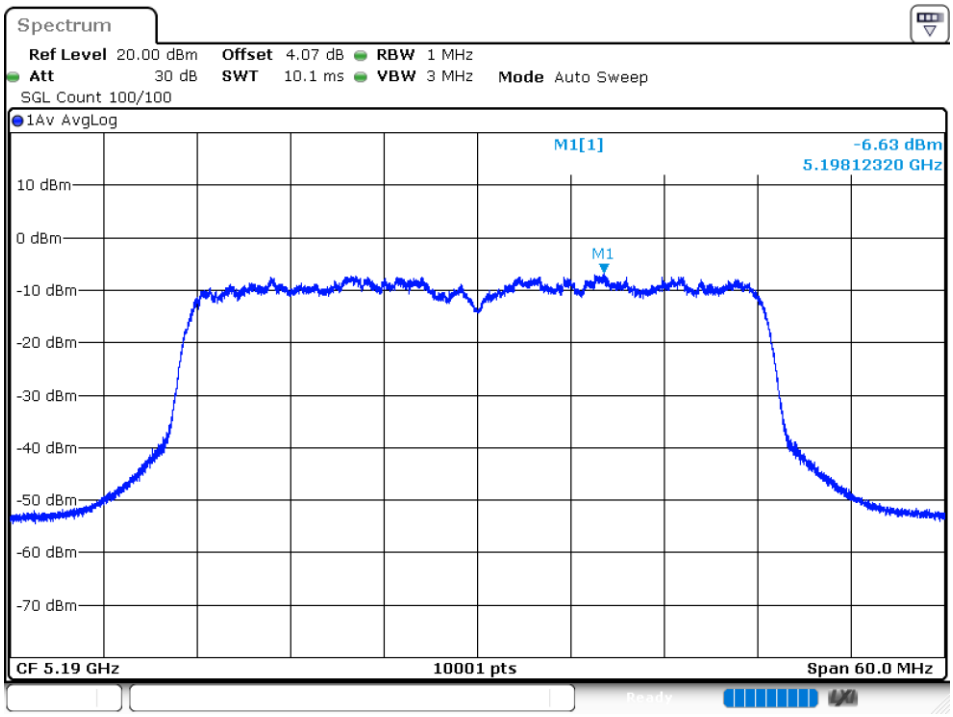
PSD NVNT n40 5190MHz Ant1



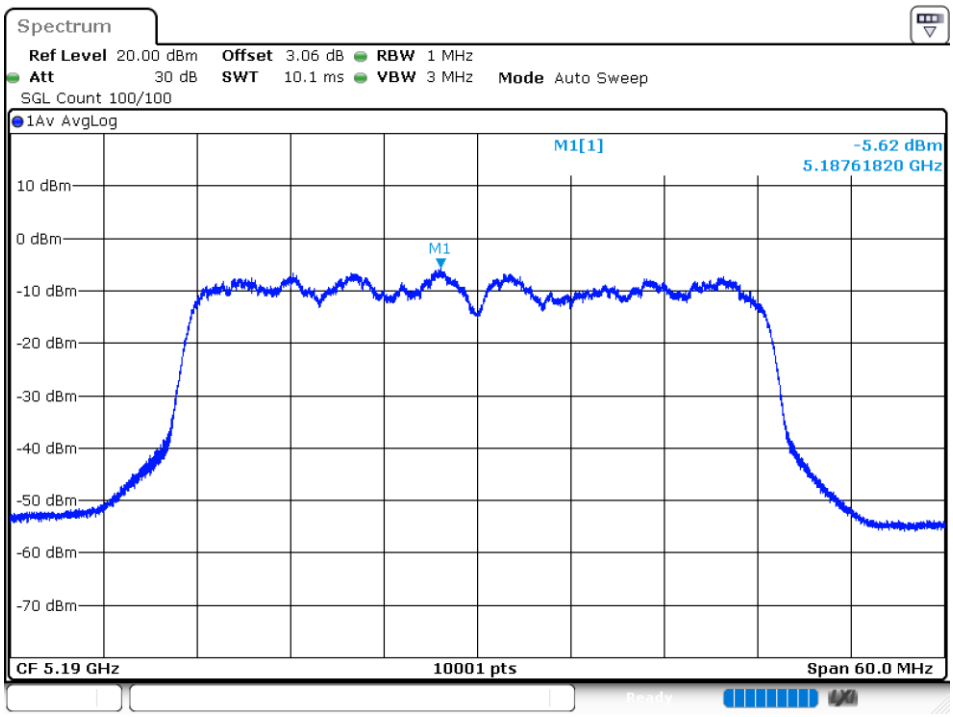
PSD NVNT n40 5190MHz Ant2



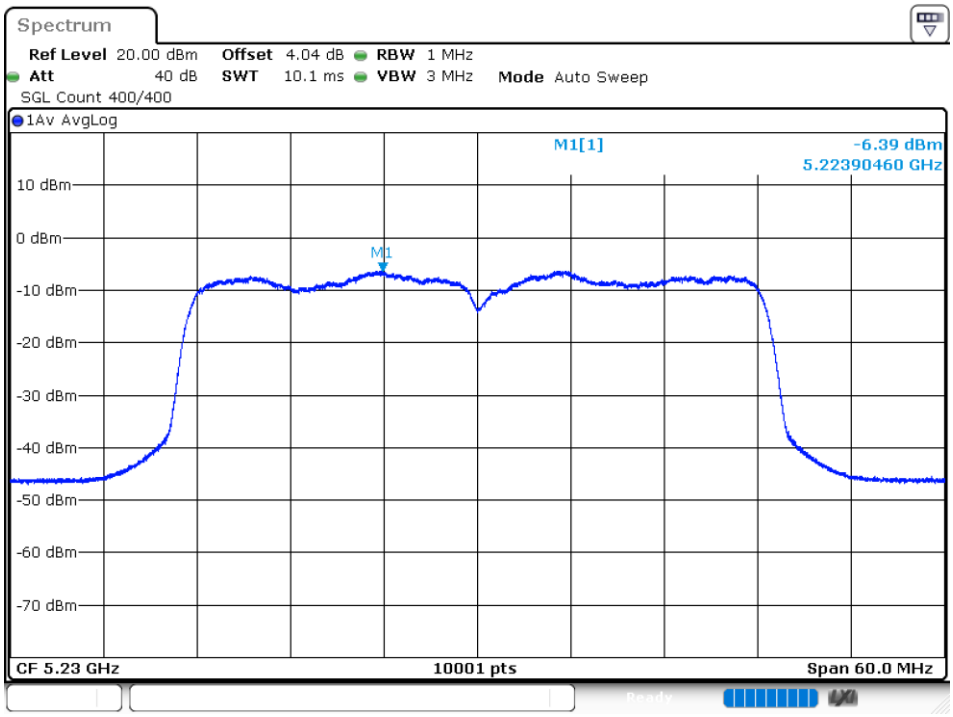
PSD NVNT n40 5190MHz Ant3



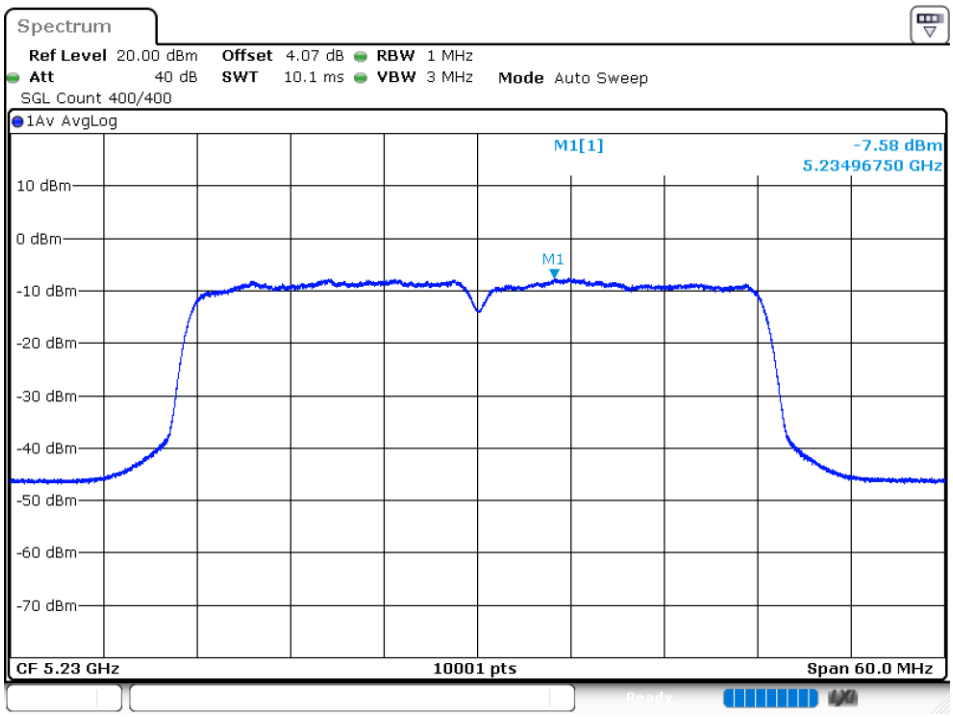
PSD NVNT n40 5190MHz Ant4



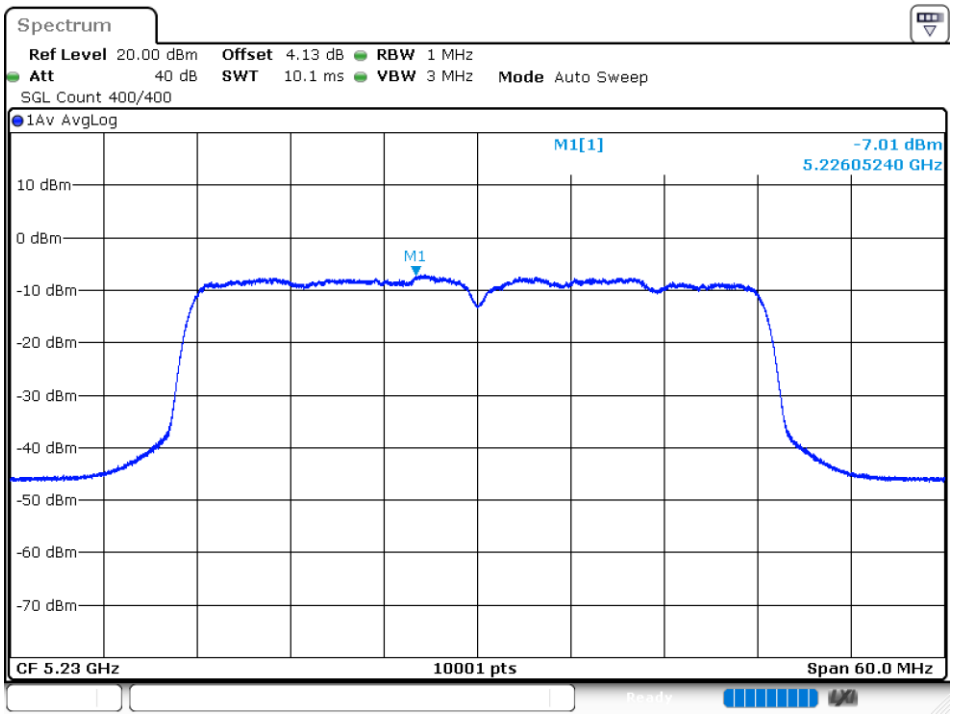
PSD NVNT n40 5230MHz Ant1



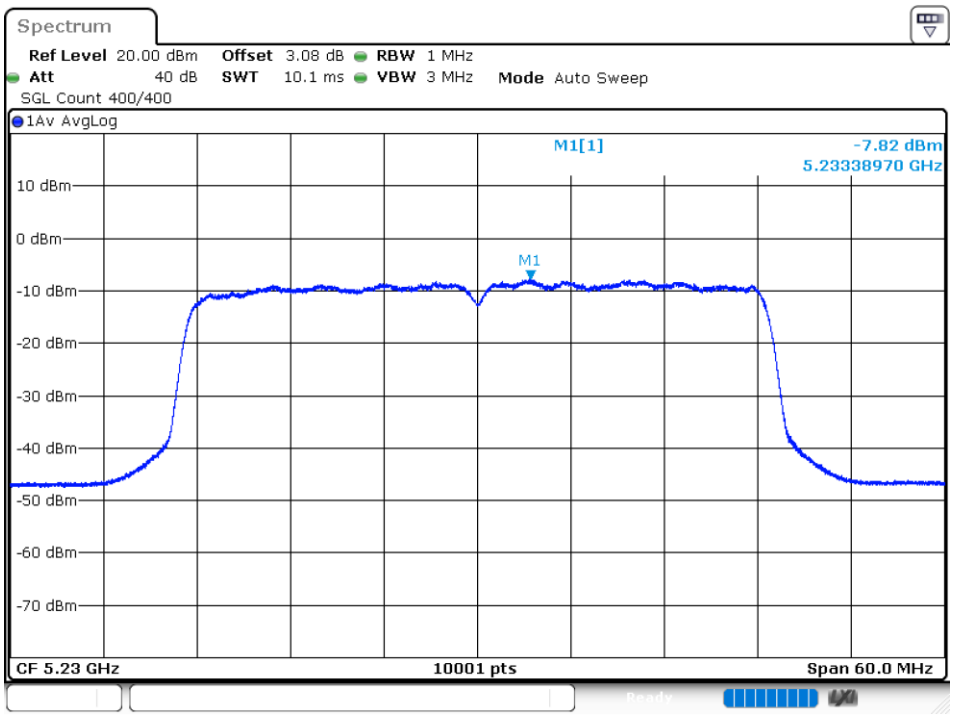
PSD NVNT n40 5230MHz Ant2



PSD NVNT n40 5230MHz Ant3



PSD NVNT n40 5230MHz Ant4



Band Edge

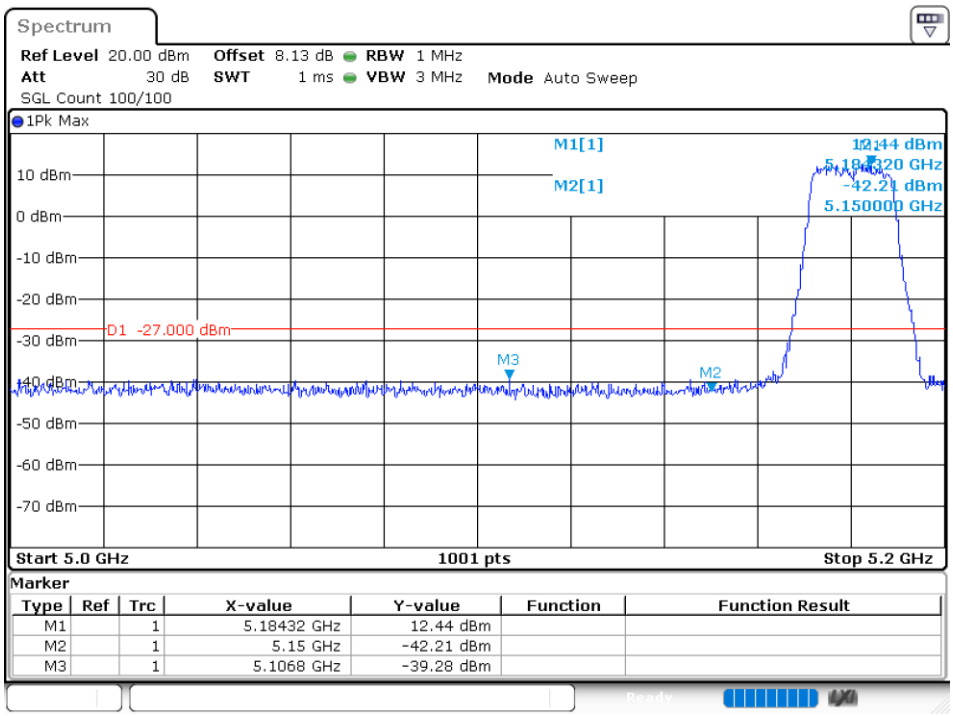
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5180	Ant1	-39.28	-27	Pass
NVNT	ac20	5180	Ant2	-38.56	-27	Pass
NVNT	ac20	5180	Ant3	-36.86	-27	Pass
NVNT	ac20	5180	Ant4	-38.56	-27	Pass
NVNT	ac20	5240	Ant1	-39.47	-27	Pass
NVNT	ac20	5240	Ant2	-39.1	-27	Pass
NVNT	ac20	5240	Ant3	-37.14	-27	Pass
NVNT	ac20	5240	Ant4	-39.22	-27	Pass
NVNT	ac40	5190	Ant1	-38.99	-27	Pass
NVNT	ac40	5190	Ant2	-38.64	-27	Pass
NVNT	ac40	5190	Ant3	-37.12	-27	Pass
NVNT	ac40	5190	Ant4	-38.42	-27	Pass
NVNT	ac40	5230	Ant1	-38.99	-27	Pass
NVNT	ac40	5230	Ant2	-39.63	-27	Pass
NVNT	ac40	5230	Ant3	-37.93	-27	Pass
NVNT	ac40	5230	Ant4	-38.47	-27	Pass
NVNT	ac80	5210	Ant1	-42.37	-27	Pass
NVNT	ac80	5210	Ant2	-41.63	-27	Pass
NVNT	ac80	5210	Ant3	-39.96	-27	Pass
NVNT	ac80	5210	Ant4	-42.55	-27	Pass
NVNT	ax20	5180	Ant1	-39.42	-27	Pass
NVNT	ax20	5180	Ant2	-38.99	-27	Pass
NVNT	ax20	5180	Ant3	-37.08	-27	Pass
NVNT	ax20	5180	Ant4	-38.49	-27	Pass
NVNT	ax20	5240	Ant1	-39.06	-27	Pass
NVNT	ax20	5240	Ant2	-37.93	-27	Pass
NVNT	ax20	5240	Ant3	-37.45	-27	Pass
NVNT	ax20	5240	Ant4	-37.88	-27	Pass
NVNT	ax40	5190	Ant1	-37.97	-27	Pass
NVNT	ax40	5190	Ant2	-38.31	-27	Pass
NVNT	ax40	5190	Ant3	-37	-27	Pass
NVNT	ax40	5190	Ant4	-37.94	-27	Pass
NVNT	ax40	5230	Ant1	-38.68	-27	Pass
NVNT	ax40	5230	Ant2	-39.49	-27	Pass
NVNT	ax40	5230	Ant3	-38.1	-27	Pass
NVNT	ax40	5230	Ant4	-38.55	-27	Pass
NVNT	ax80	5210	Ant1	-41.58	-27	Pass
NVNT	ax80	5210	Ant2	-41.95	-27	Pass
NVNT	ax80	5210	Ant3	-39.8	-27	Pass
NVNT	ax80	5210	Ant4	-41.81	-27	Pass

NVNT	n20	5180	Ant1	-36.55	-27	Pass
NVNT	n20	5180	Ant2	-37.93	-27	Pass
NVNT	n20	5180	Ant3	-38.5	-27	Pass
NVNT	n20	5180	Ant4	-38.59	-27	Pass
NVNT	n20	5240	Ant1	-38.89	-27	Pass
NVNT	n20	5240	Ant2	-39.31	-27	Pass
NVNT	n20	5240	Ant3	-37.61	-27	Pass
NVNT	n20	5240	Ant4	-37.8	-27	Pass
NVNT	n40	5190	Ant1	-33.82	-27	Pass
NVNT	n40	5190	Ant2	-38.66	-27	Pass
NVNT	n40	5190	Ant3	-37.28	-27	Pass
NVNT	n40	5190	Ant4	-38.28	-27	Pass
NVNT	n40	5230	Ant1	-42.51	-27	Pass
NVNT	n40	5230	Ant2	-42.97	-27	Pass
NVNT	n40	5230	Ant3	-43.54	-27	Pass
NVNT	n40	5230	Ant4	-44.37	-27	Pass

Note: The antenna gain is added in the test plots for each antenna, and the margin of each antenna ismore than 10Log(4), so the MIMO bandedge is pass.

Test Graphs

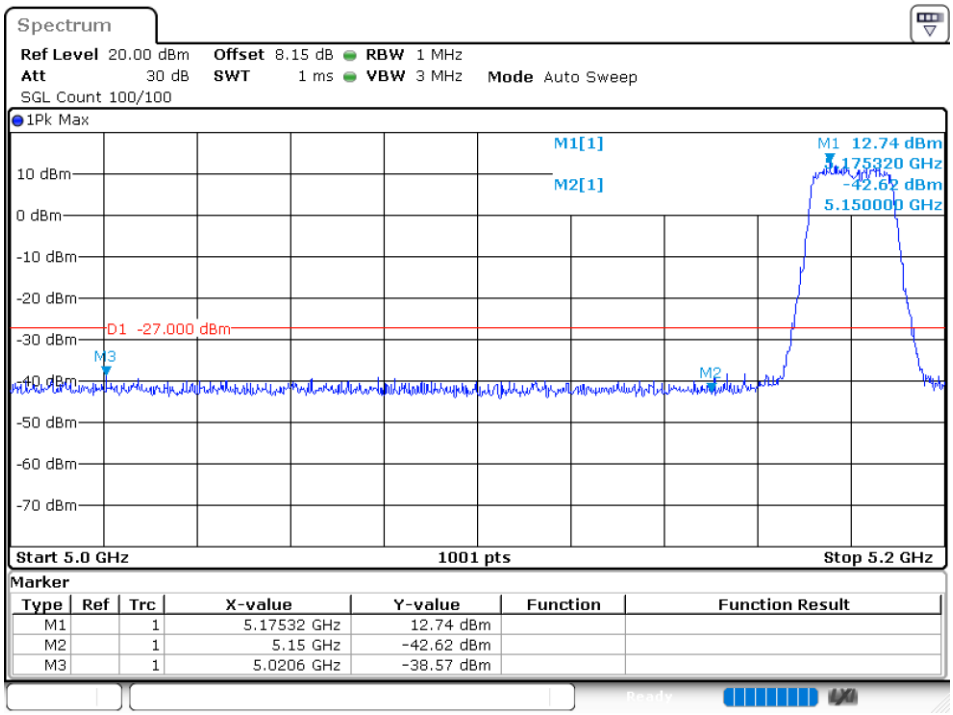
Band Edge NVNT ac20 5180MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.18432 GHz	12.44 dBm		
M2		1	5.15 GHz	-42.21 dBm		
M3		1	5.1068 GHz	-39.28 dBm		

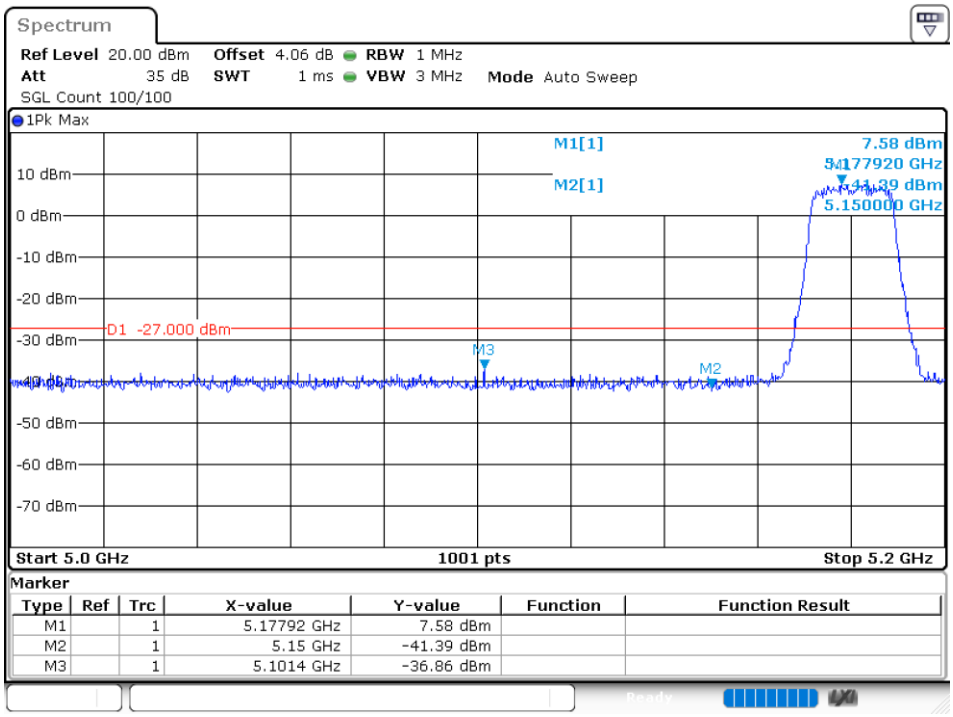
Band Edge NVNT ac20 5180MHz Low Ant2



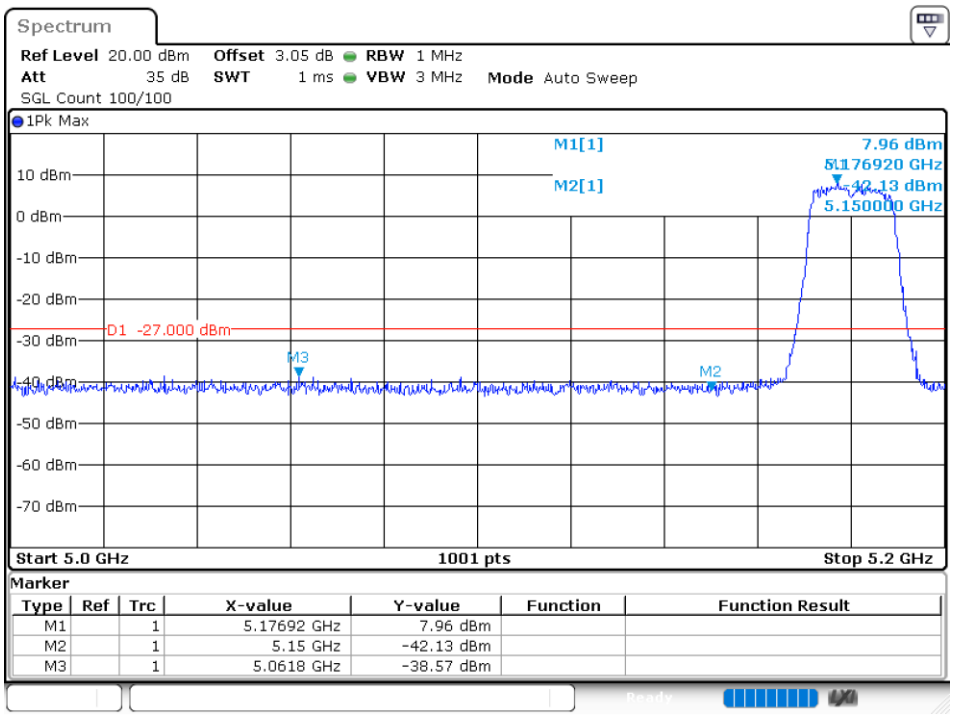
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.17532 GHz	12.74 dBm		
M2		1	5.15 GHz	-42.62 dBm		
M3		1	5.0206 GHz	-38.57 dBm		

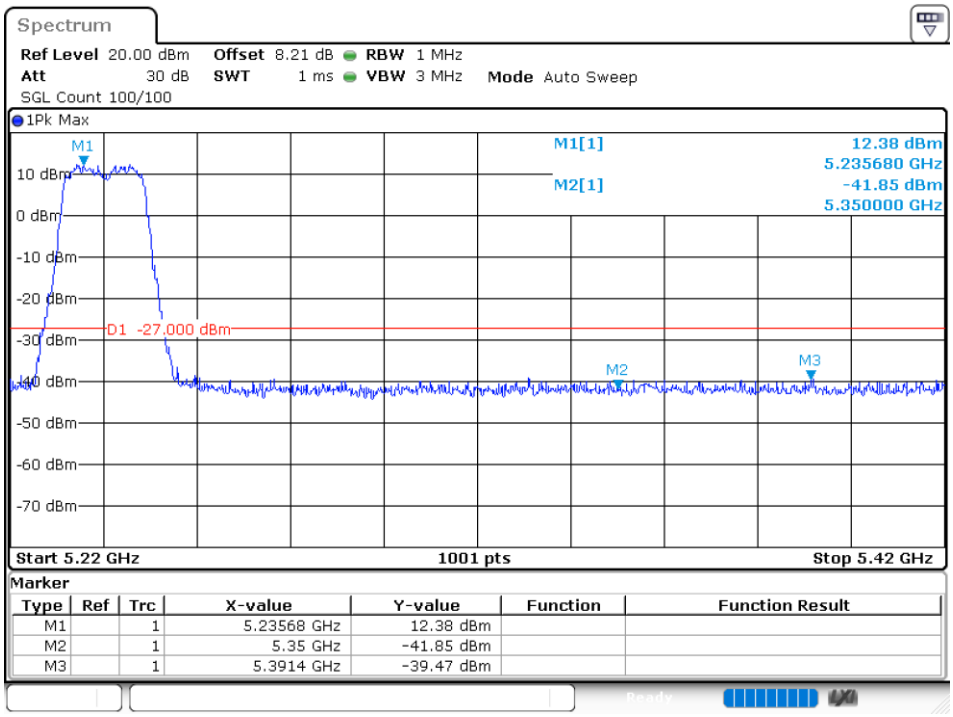
Band Edge NVNT ac20 5180MHz Low Ant3



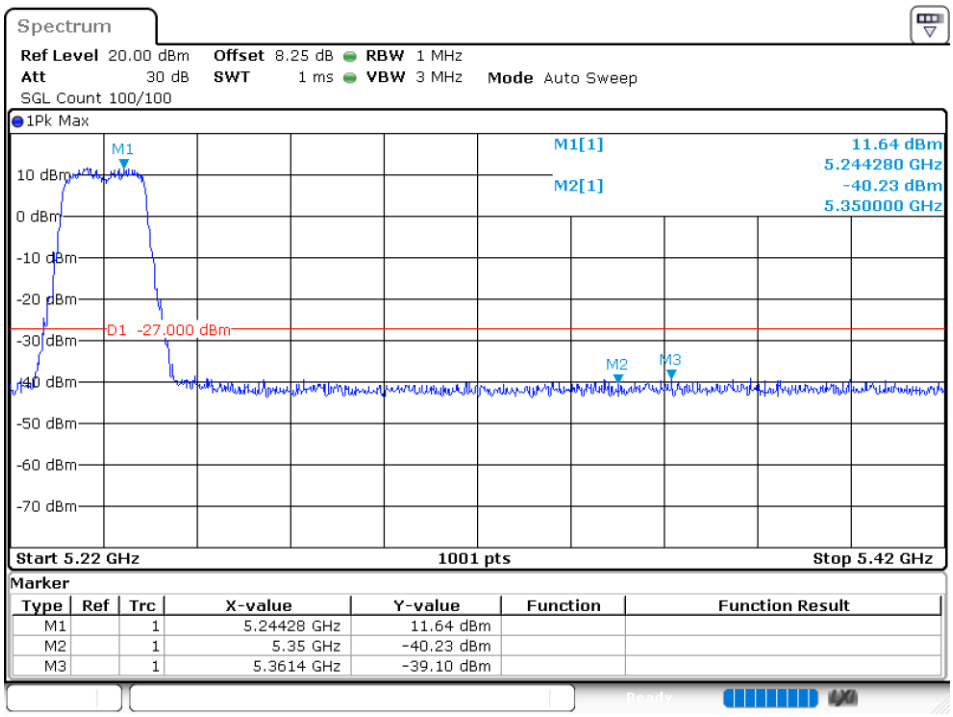
Band Edge NVNT ac20 5180MHz Low Ant4



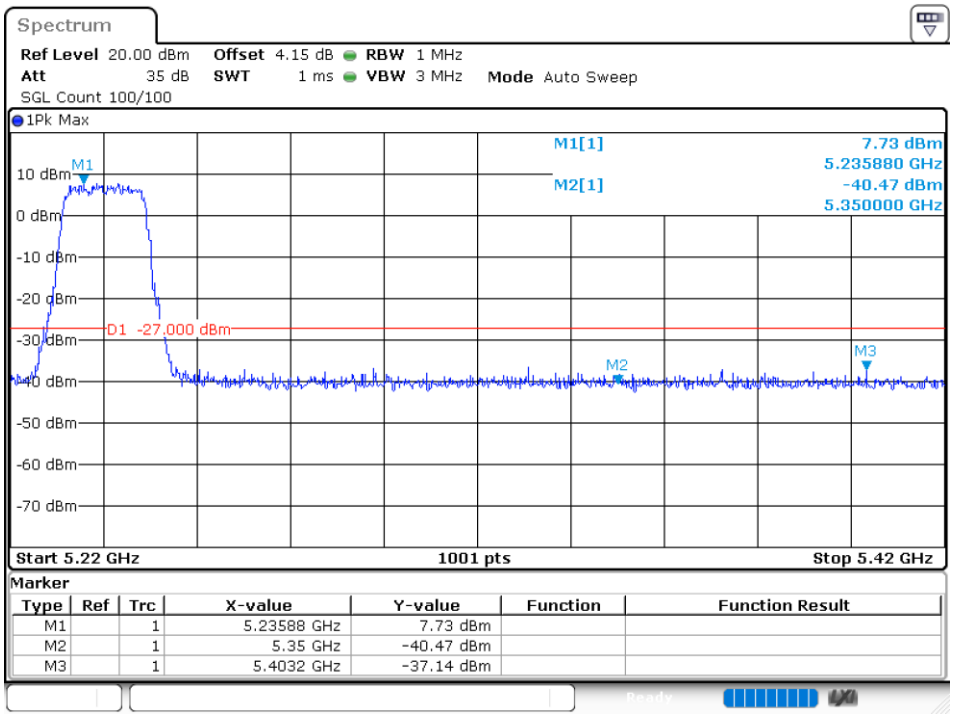
Band Edge NVNT ac20 5240MHz High Ant1



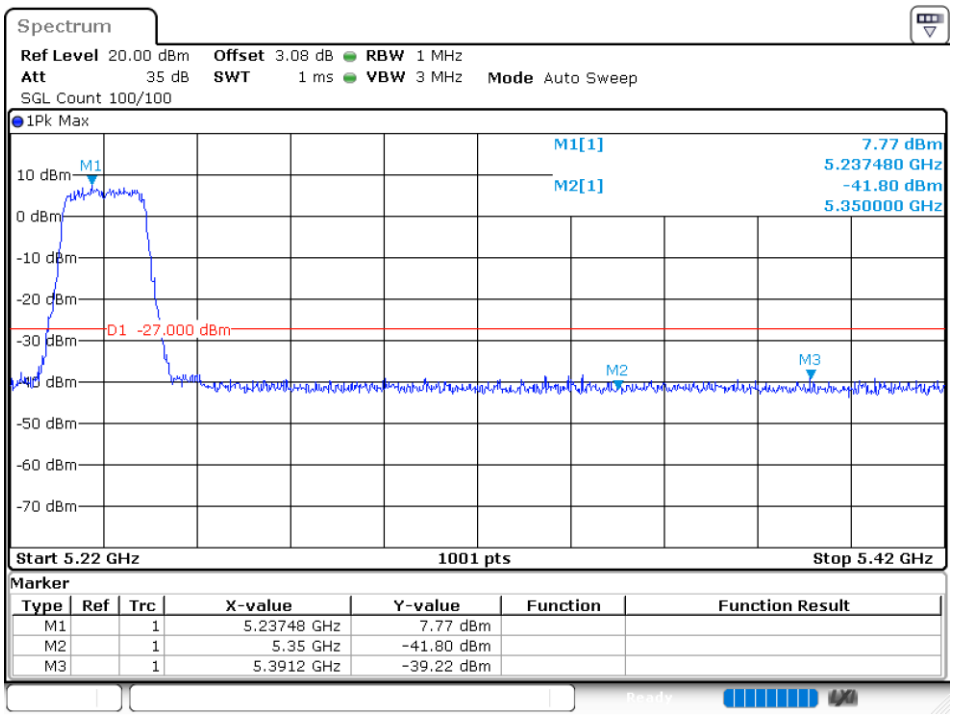
Band Edge NVNT ac20 5240MHz High Ant2



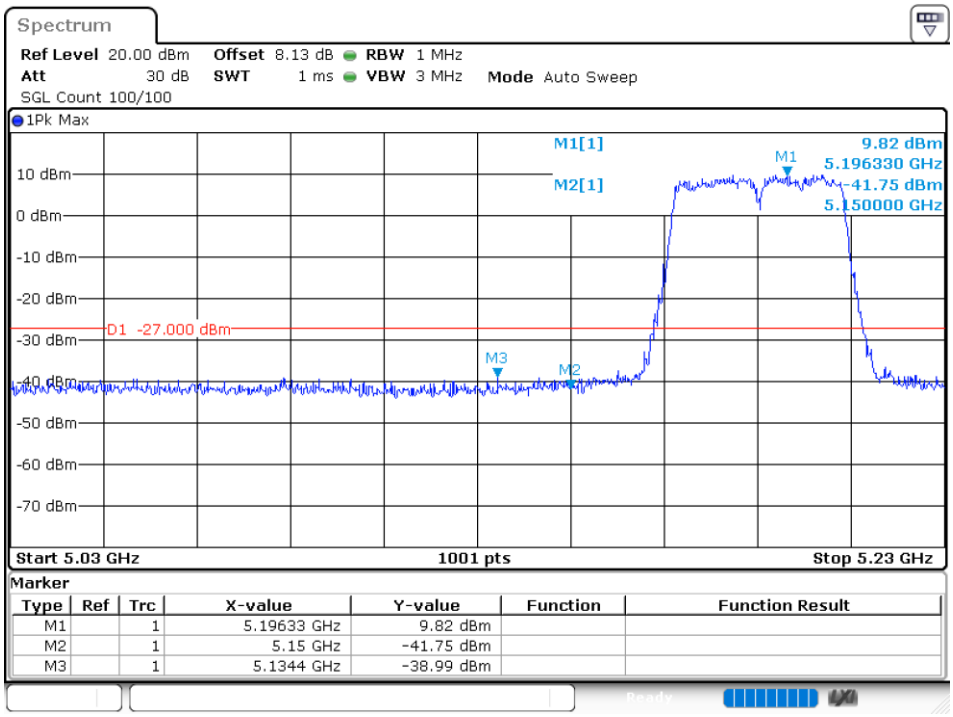
Band Edge NVNT ac20 5240MHz High Ant3



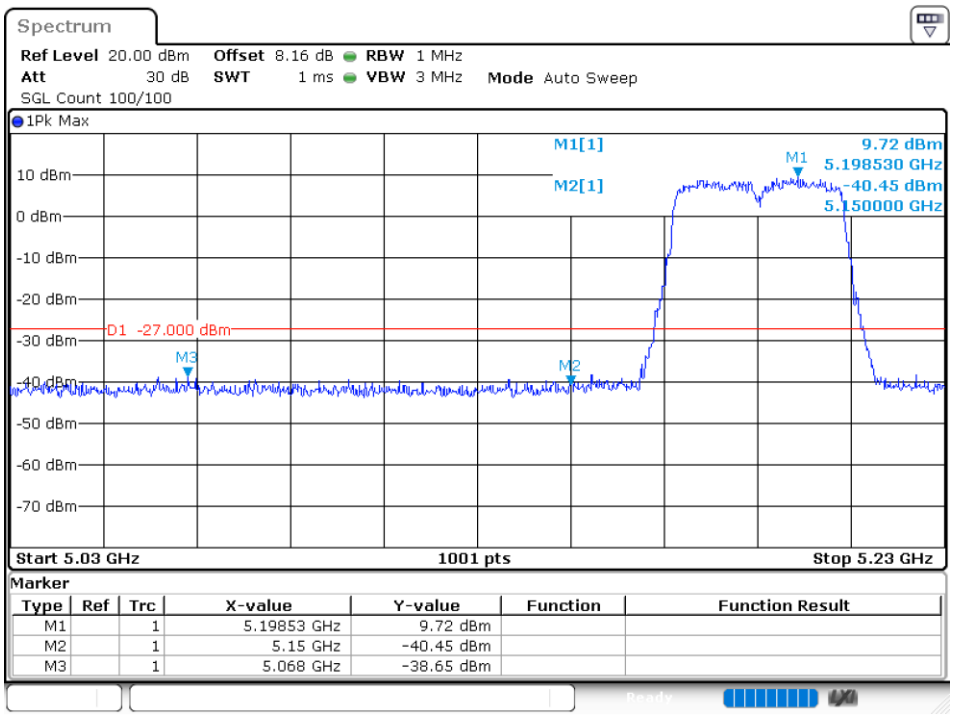
Band Edge NVNT ac20 5240MHz High Ant4



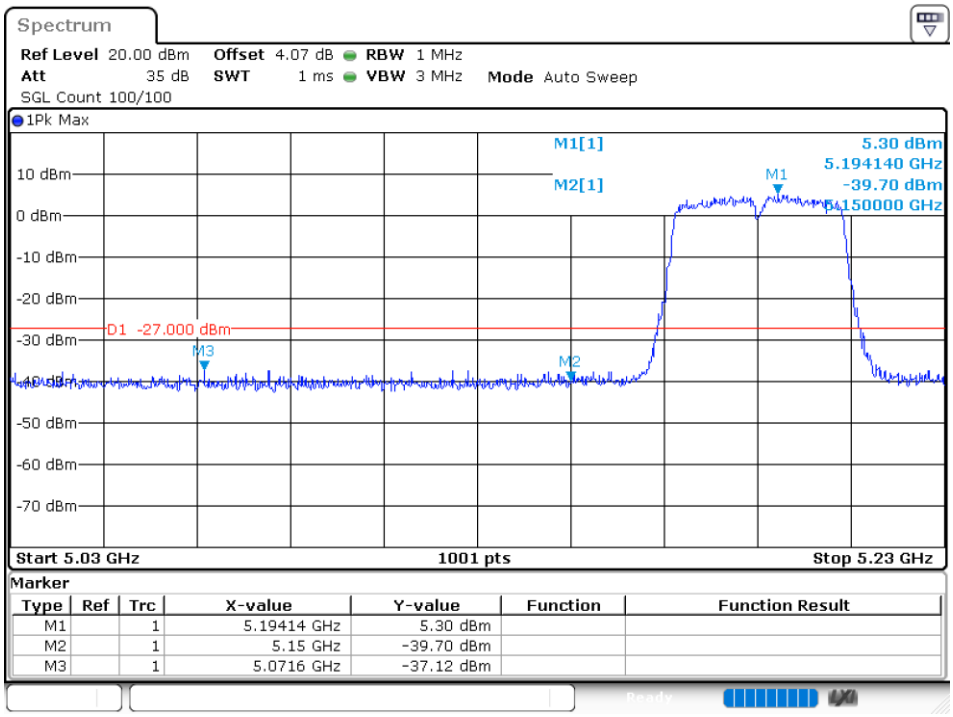
Band Edge NVNT ac40 5190MHz Low Ant1



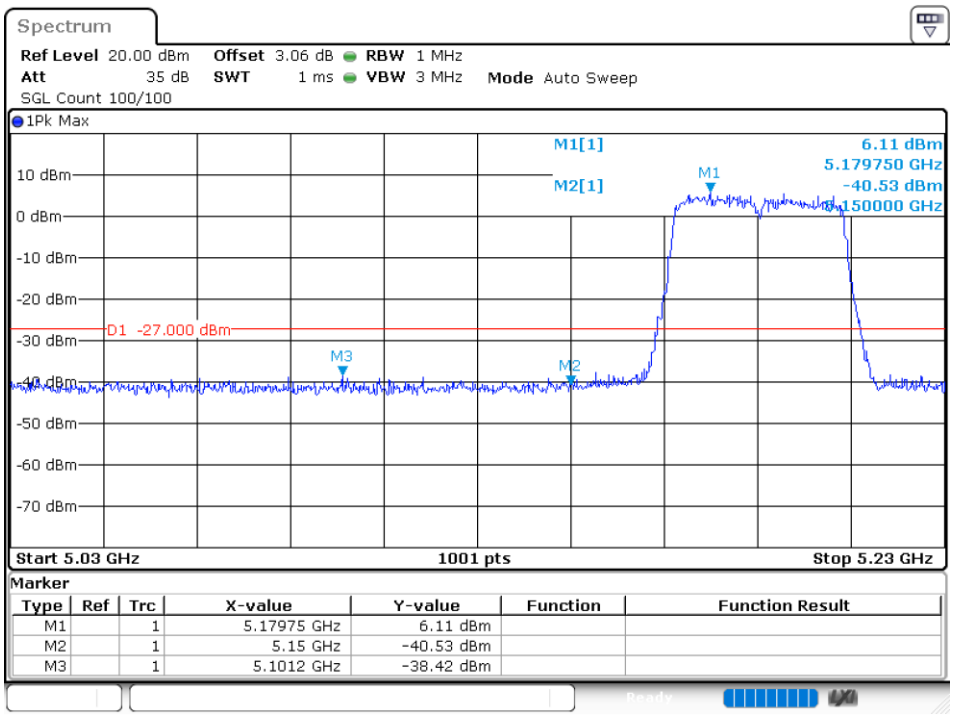
Band Edge NVNT ac40 5190MHz Low Ant2



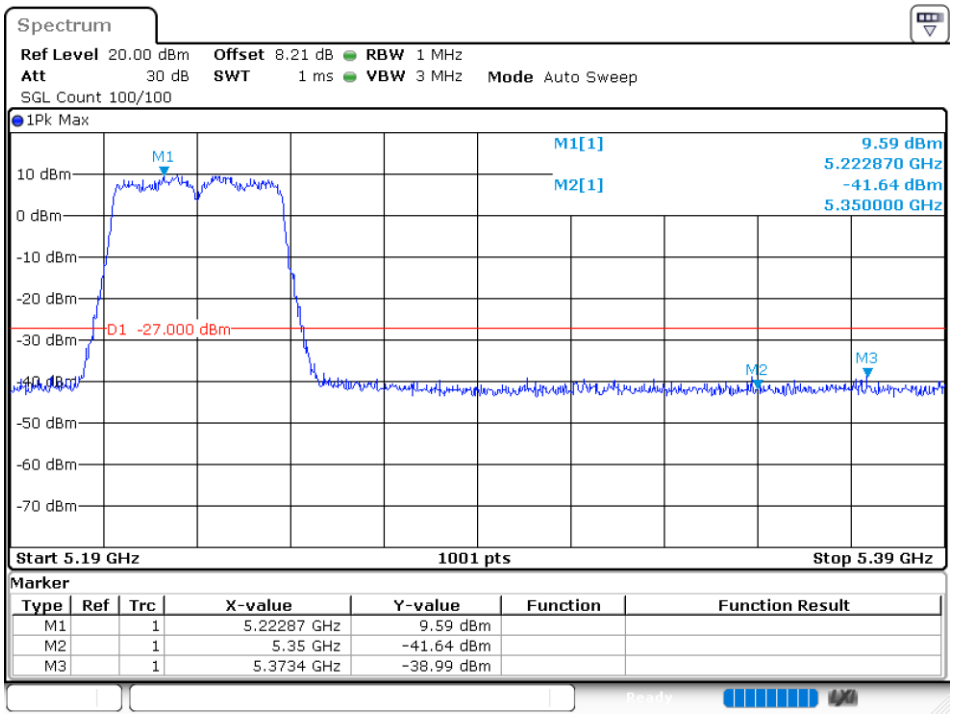
Band Edge NVNT ac40 5190MHz Low Ant3



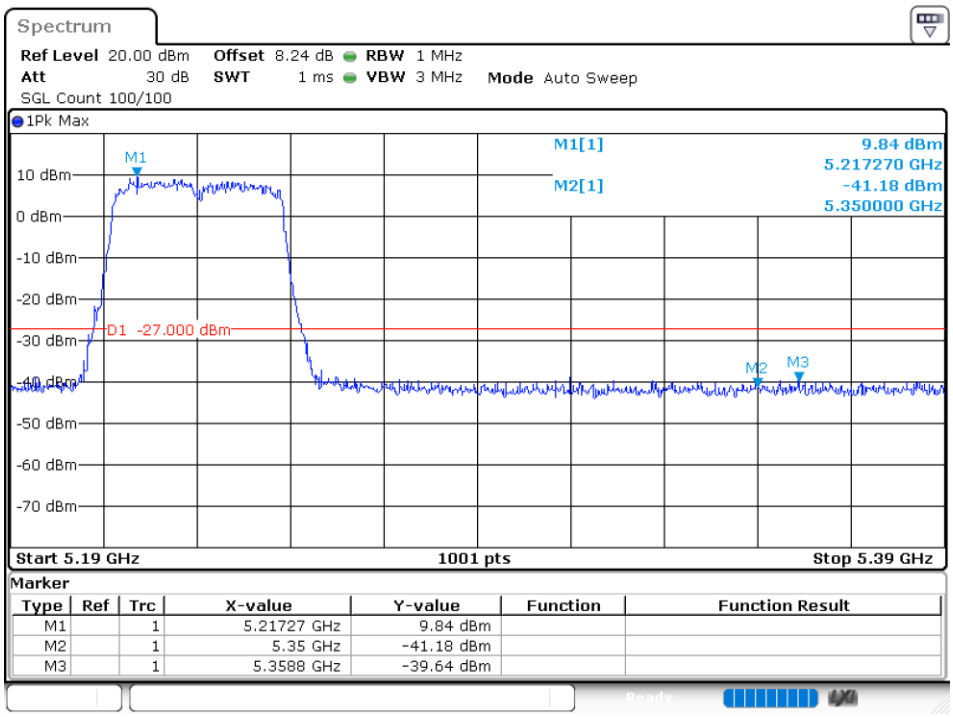
Band Edge NVNT ac40 5190MHz Low Ant4



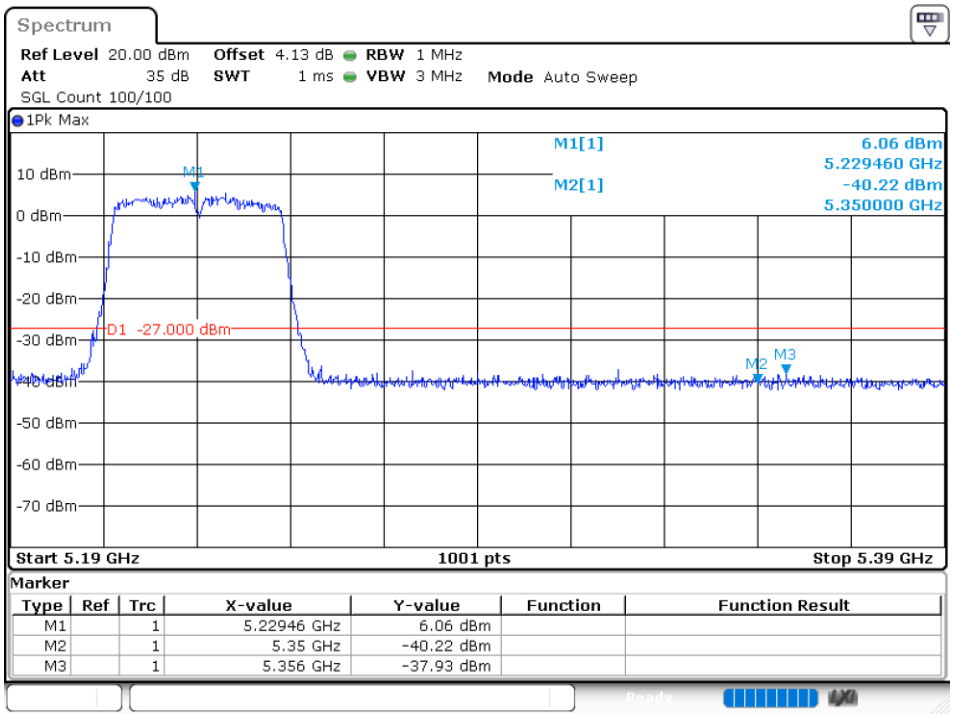
Band Edge NVNT ac40 5230MHz High Ant1



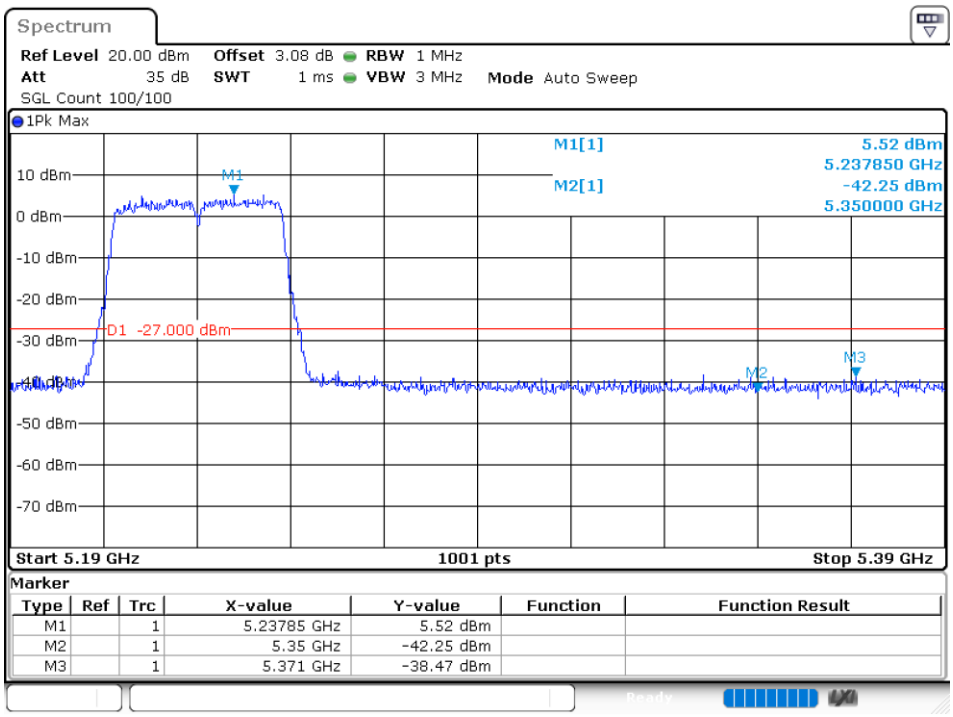
Band Edge NVNT ac40 5230MHz High Ant2



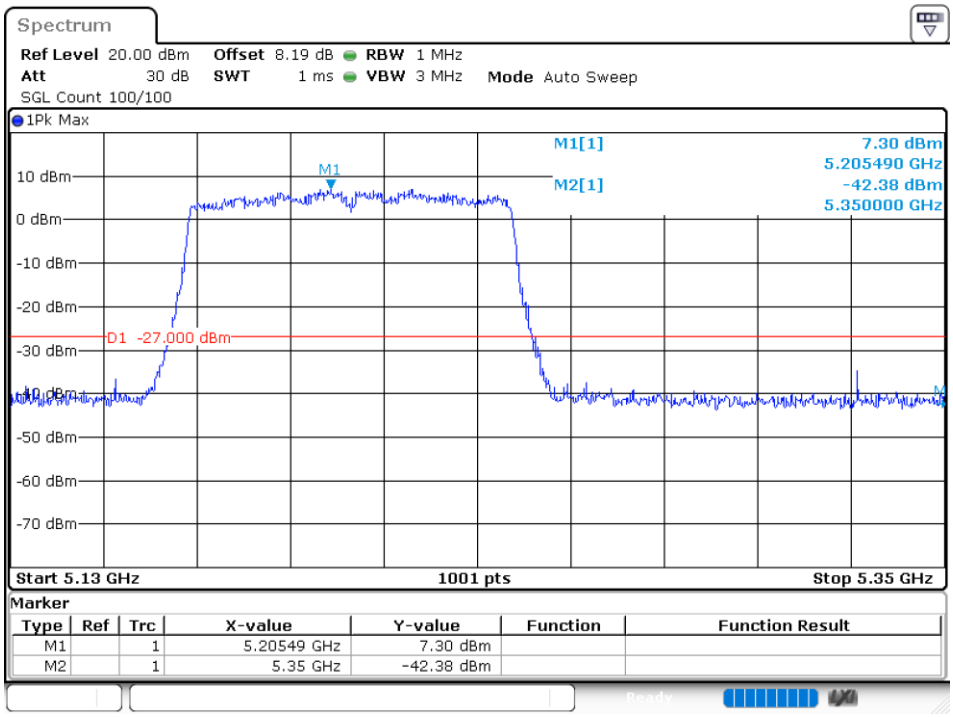
Band Edge NVNT ac40 5230MHz High Ant3



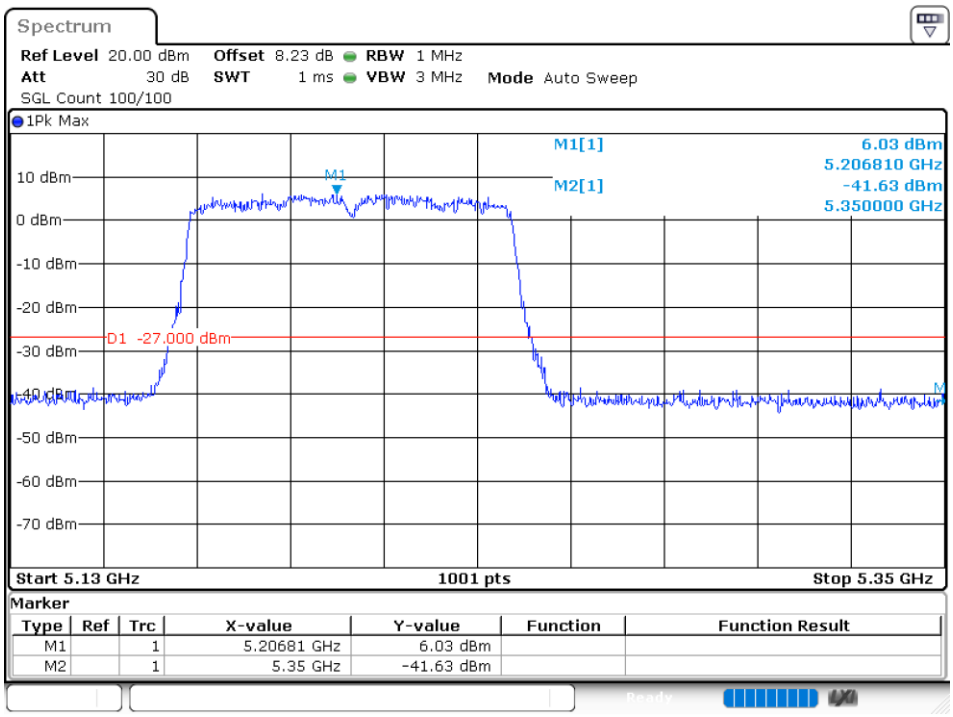
Band Edge NVNT ac40 5230MHz High Ant4



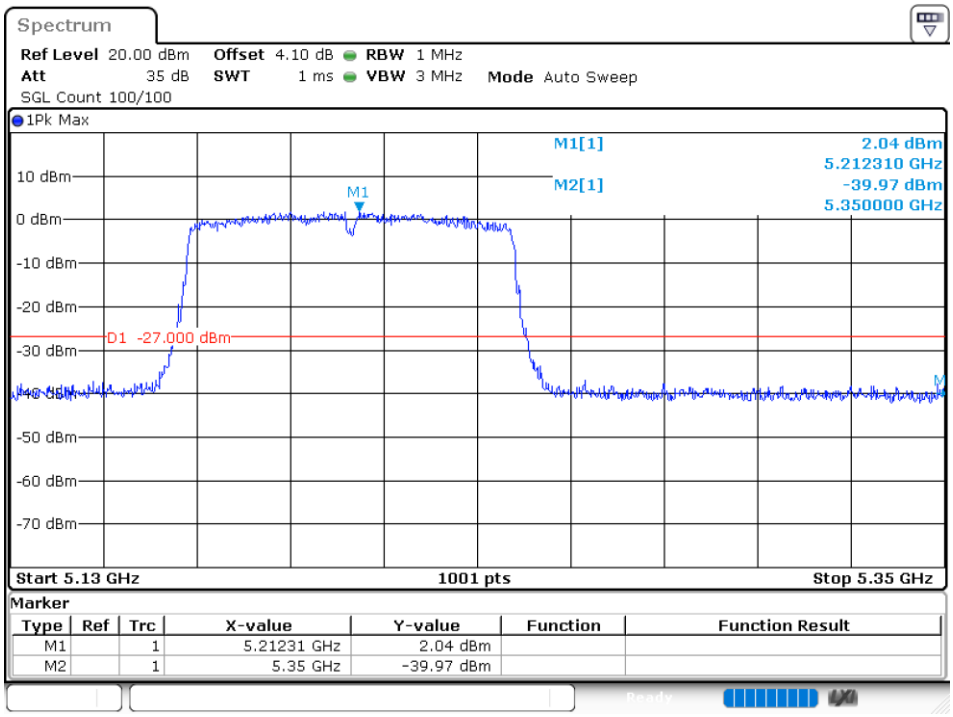
Band Edge NVNT ac80 5210MHz High Ant1



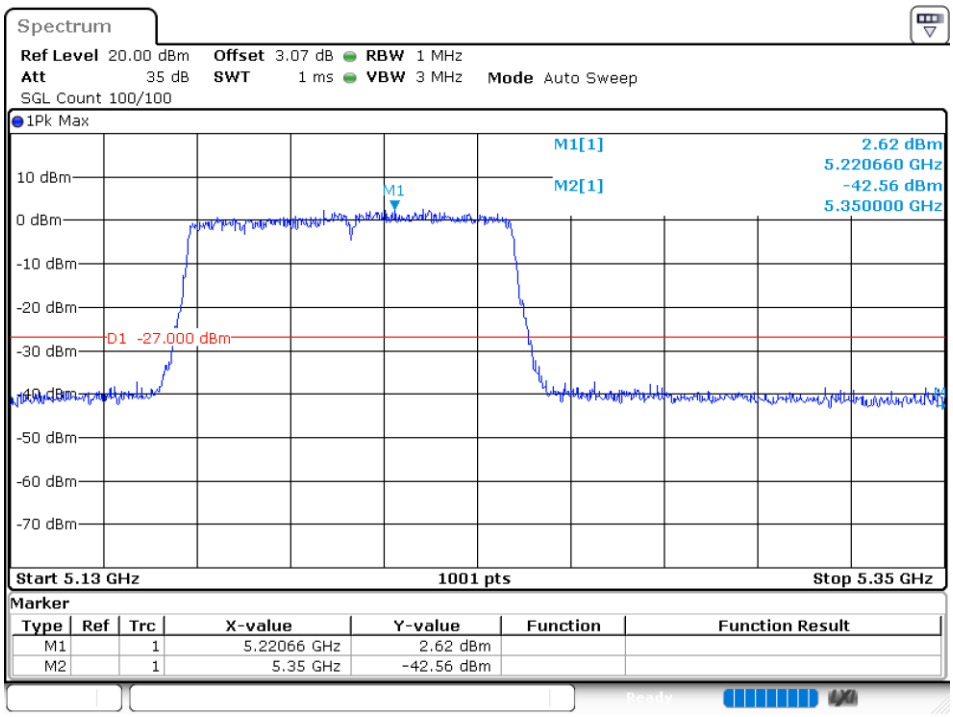
Band Edge NVNT ac80 5210MHz High Ant2



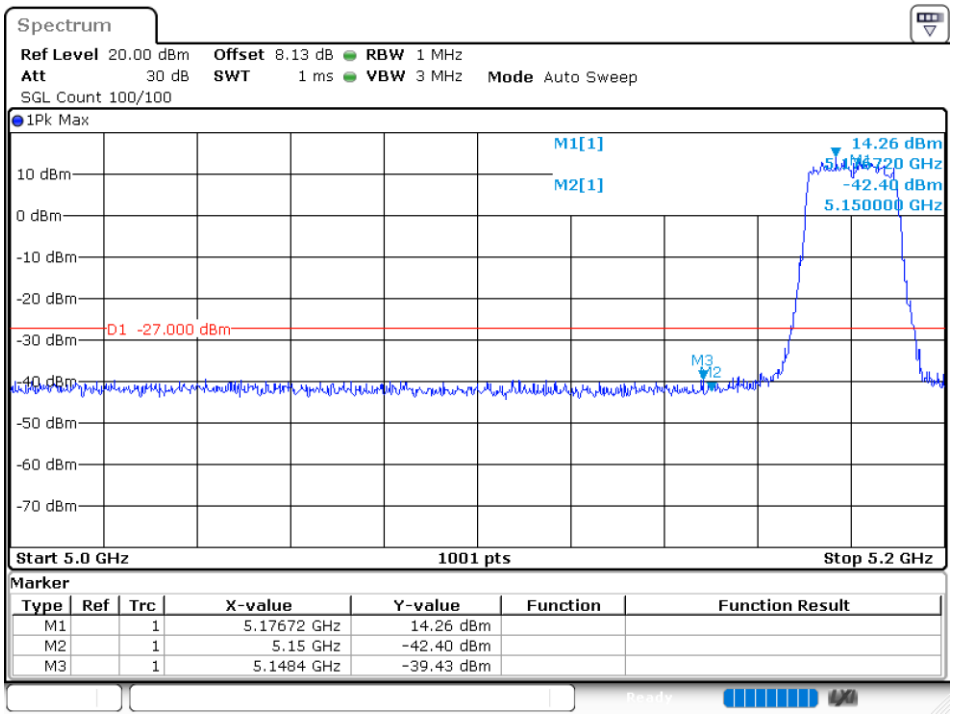
Band Edge NVNT ac80 5210MHz High Ant3



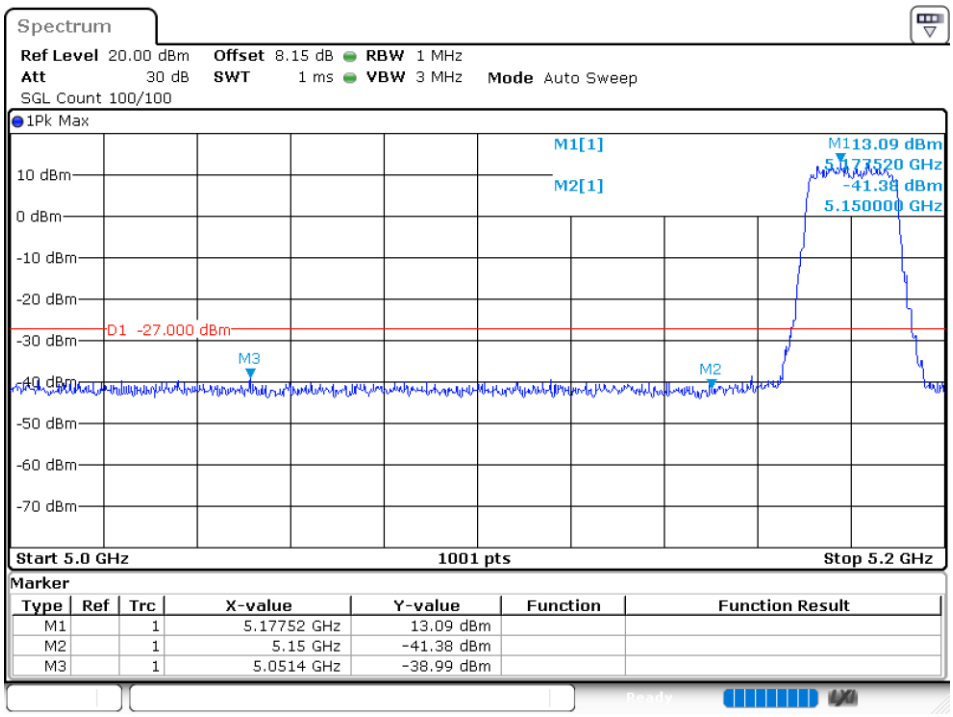
Band Edge NVNT ac80 5210MHz High Ant4



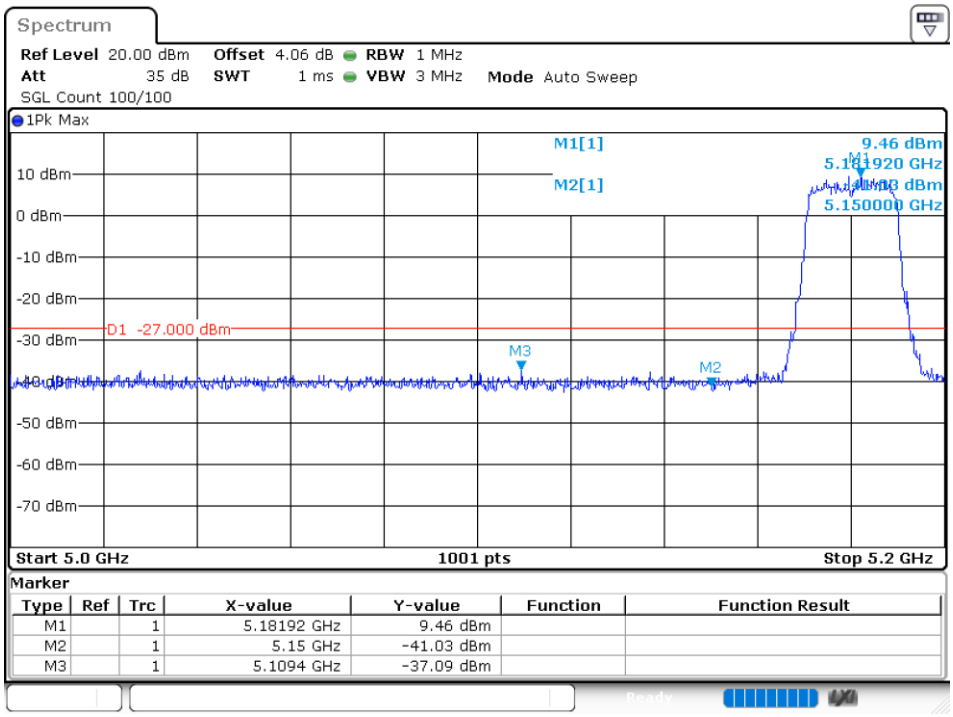
Band Edge NVNT ax20 5180MHz Low Ant1



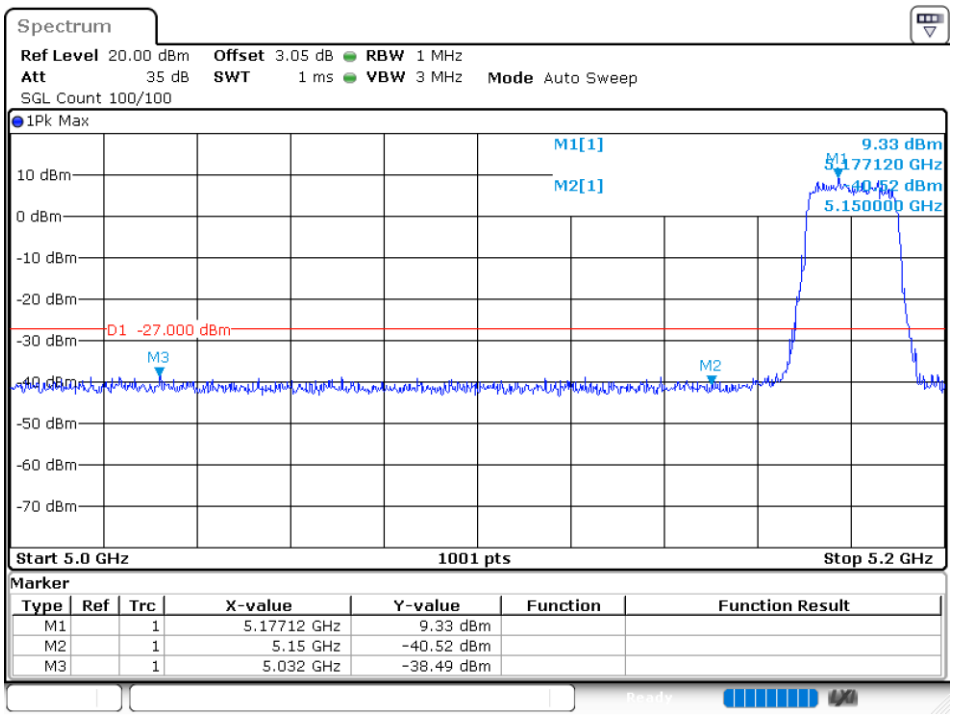
Band Edge NVNT ax20 5180MHz Low Ant2



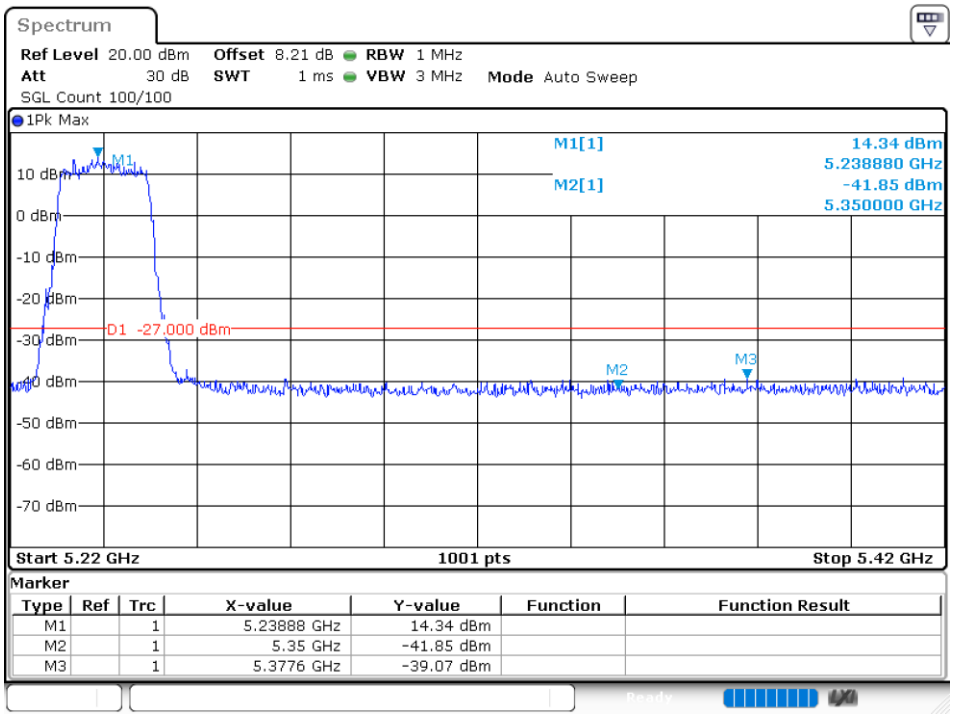
Band Edge NVNT ax20 5180MHz Low Ant3



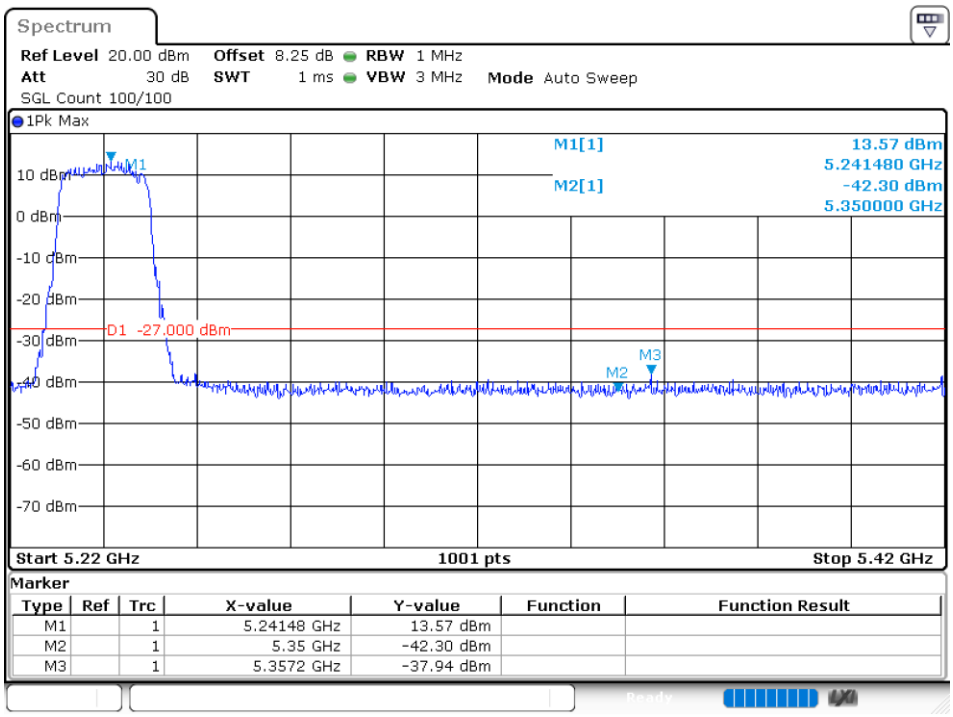
Band Edge NVNT ax20 5180MHz Low Ant4



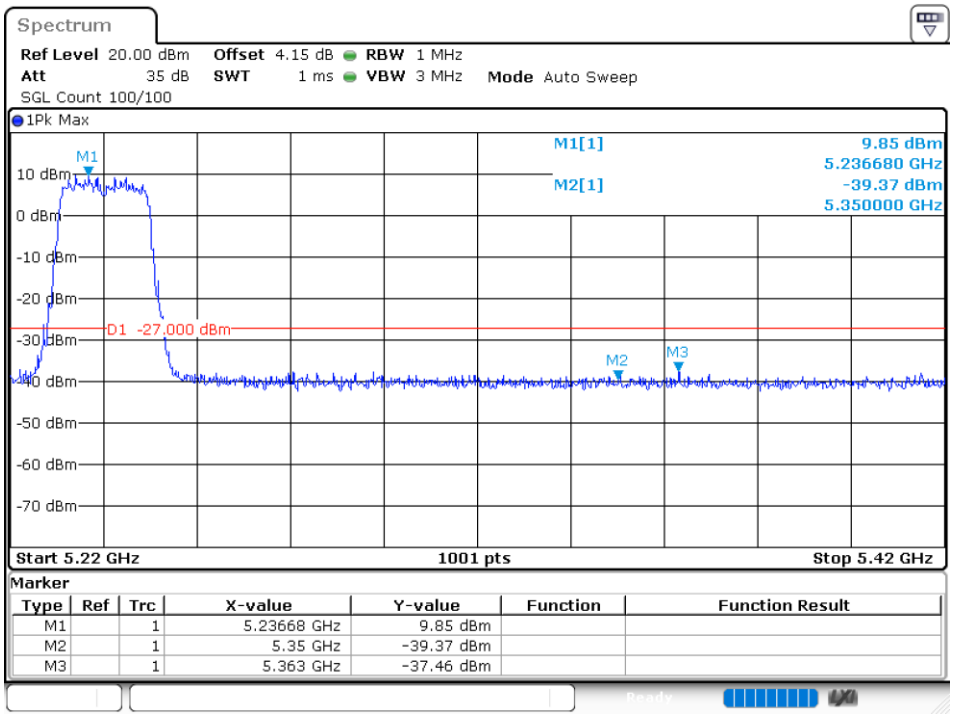
Band Edge NVNT ax20 5240MHz High Ant1



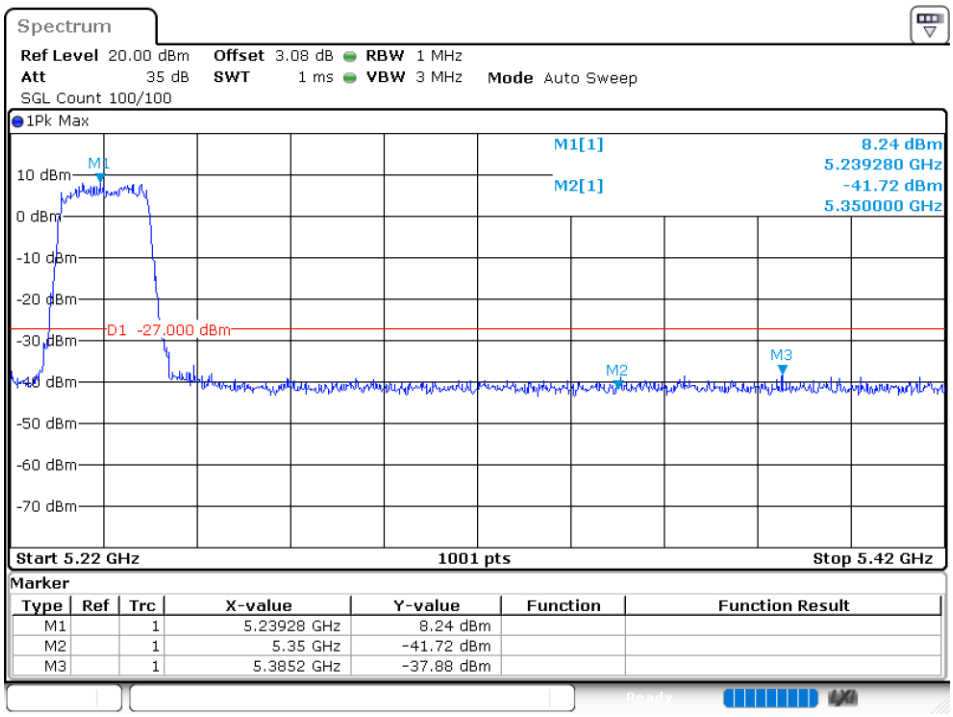
Band Edge NVNT ax20 5240MHz High Ant2



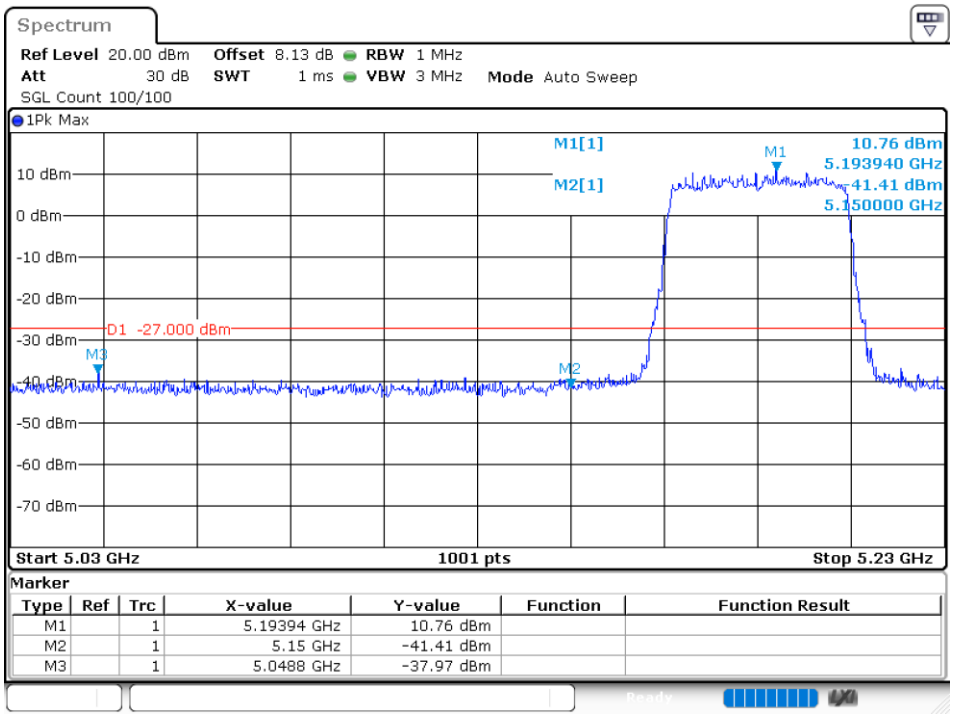
Band Edge NVNT ax20 5240MHz High Ant3



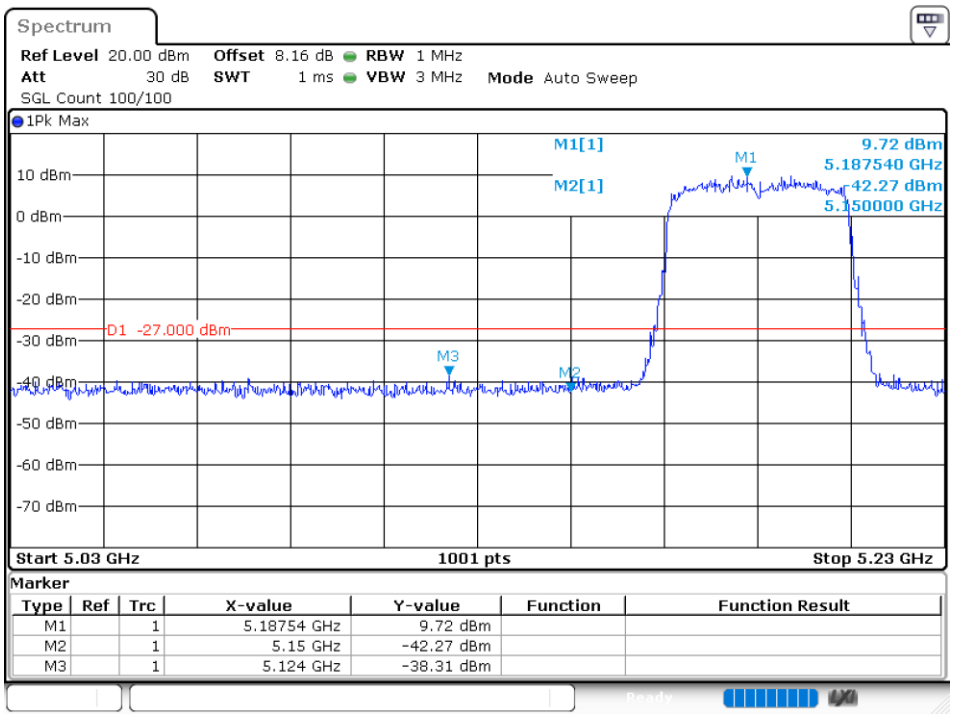
Band Edge NVNT ax20 5240MHz High Ant4



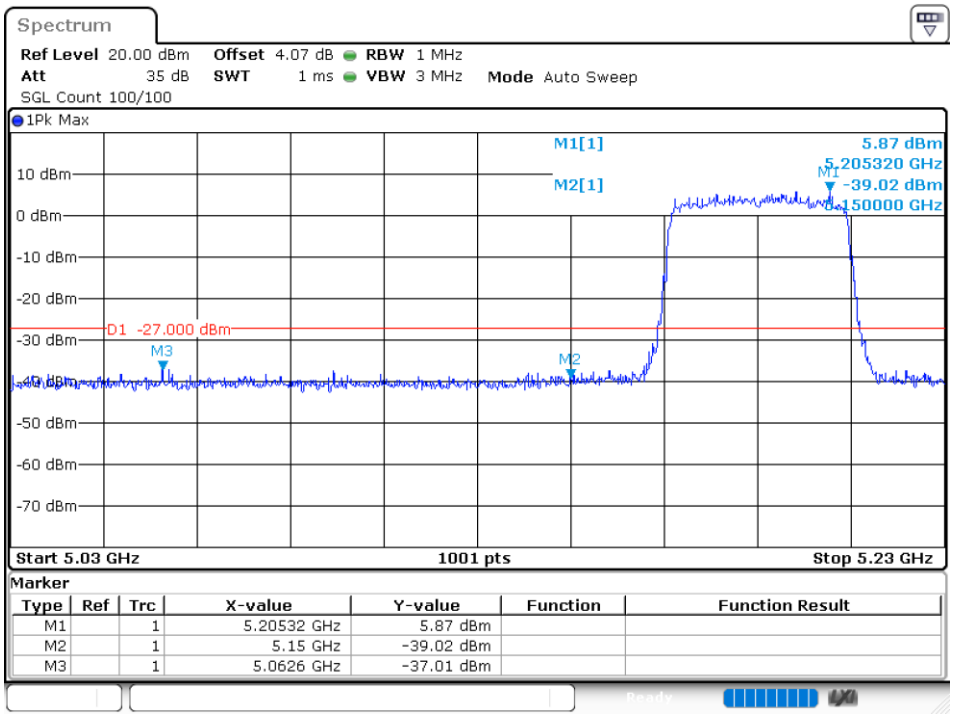
Band Edge NVNT ax40 5190MHz Low Ant1



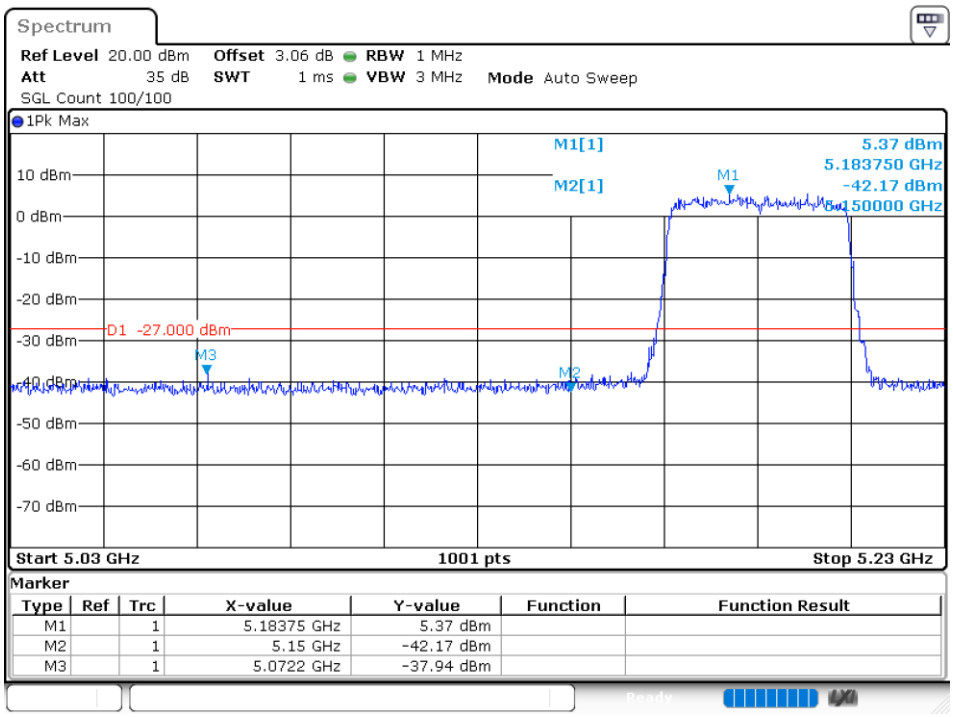
Band Edge NVNT ax40 5190MHz Low Ant2



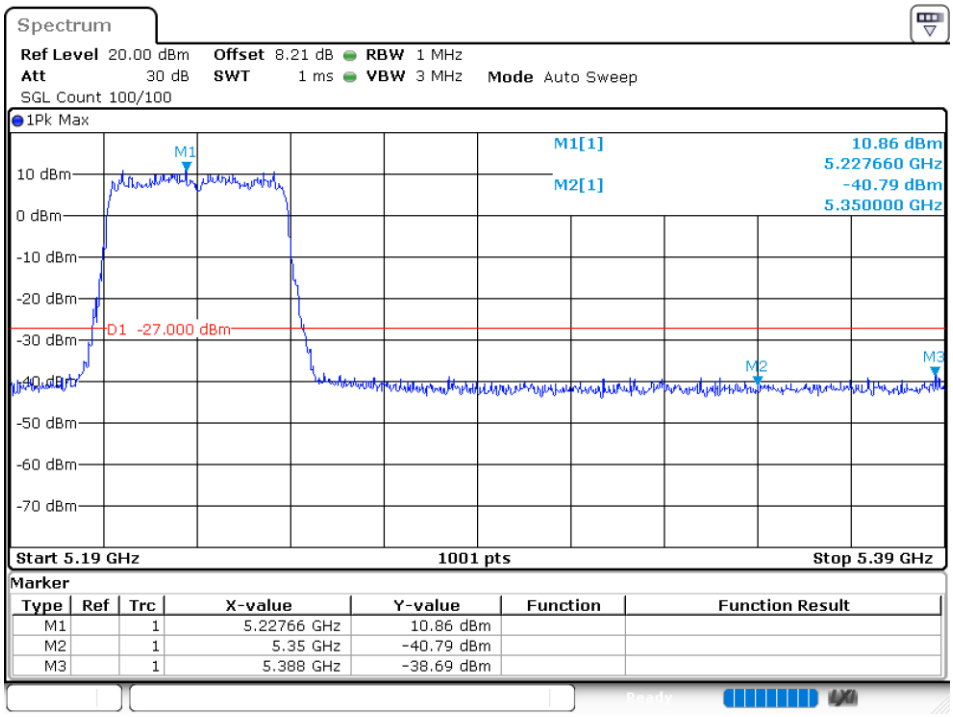
Band Edge NVNT ax40 5190MHz Low Ant3



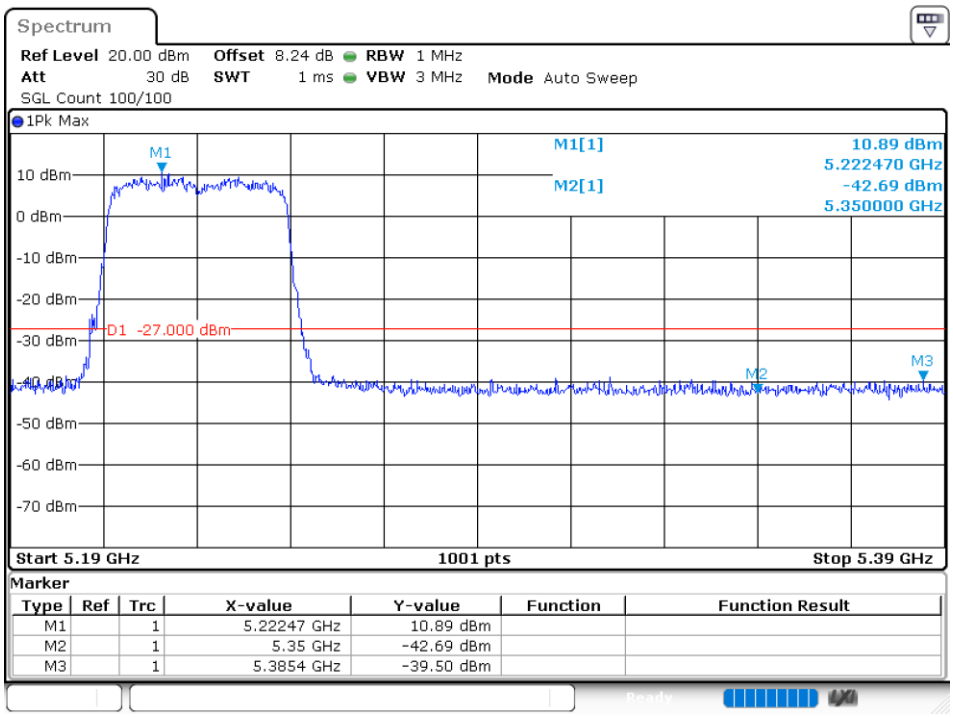
Band Edge NVNT ax40 5190MHz Low Ant4



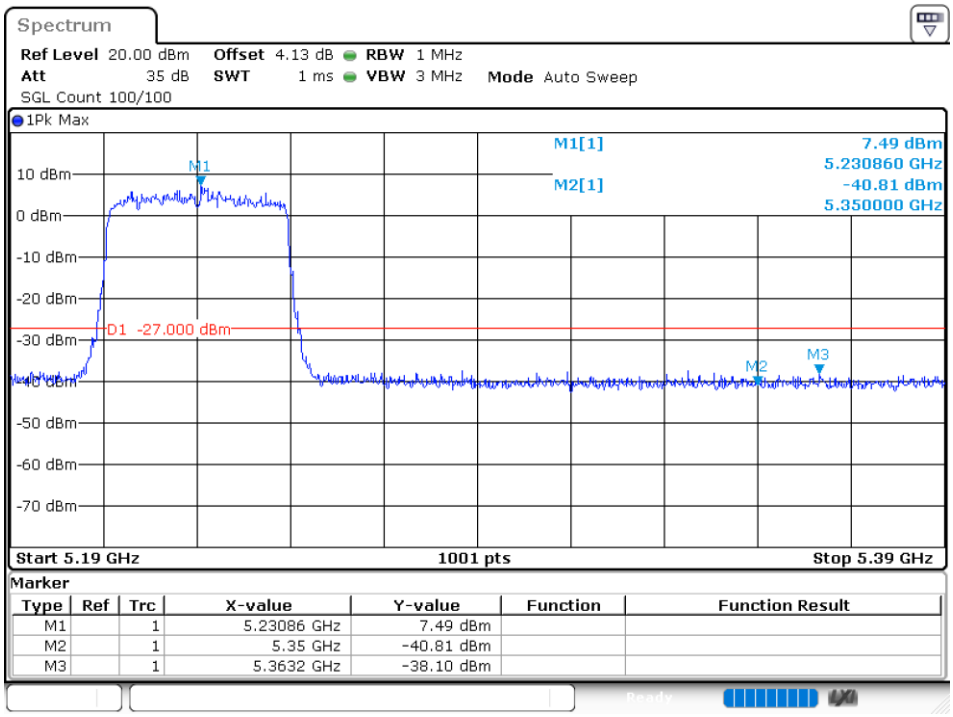
Band Edge NVNT ax40 5230MHz High Ant1



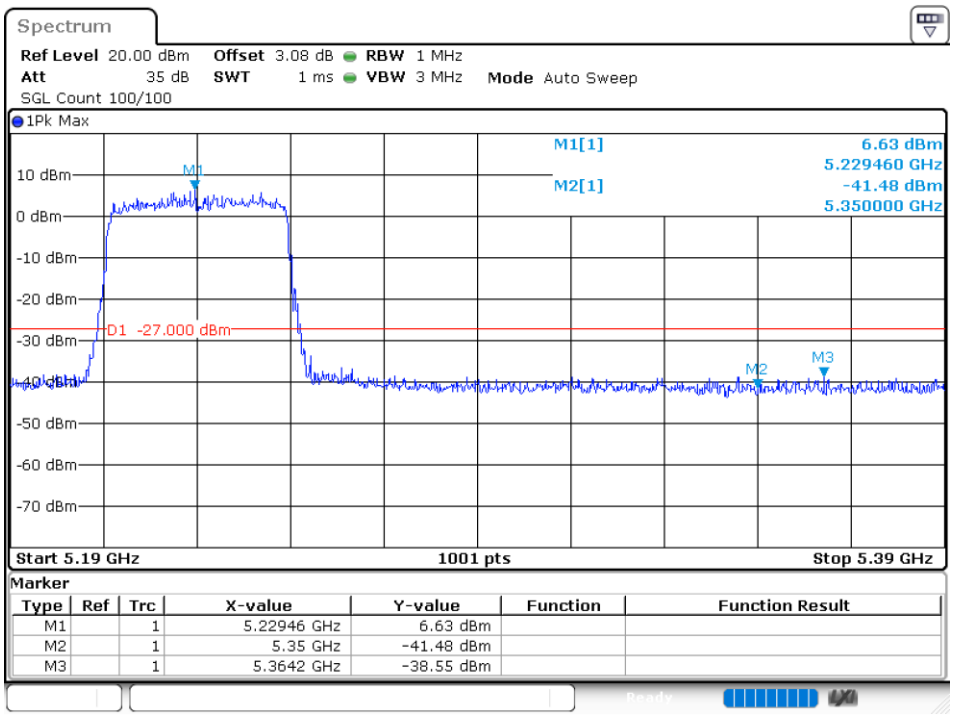
Band Edge NVNT ax40 5230MHz High Ant2



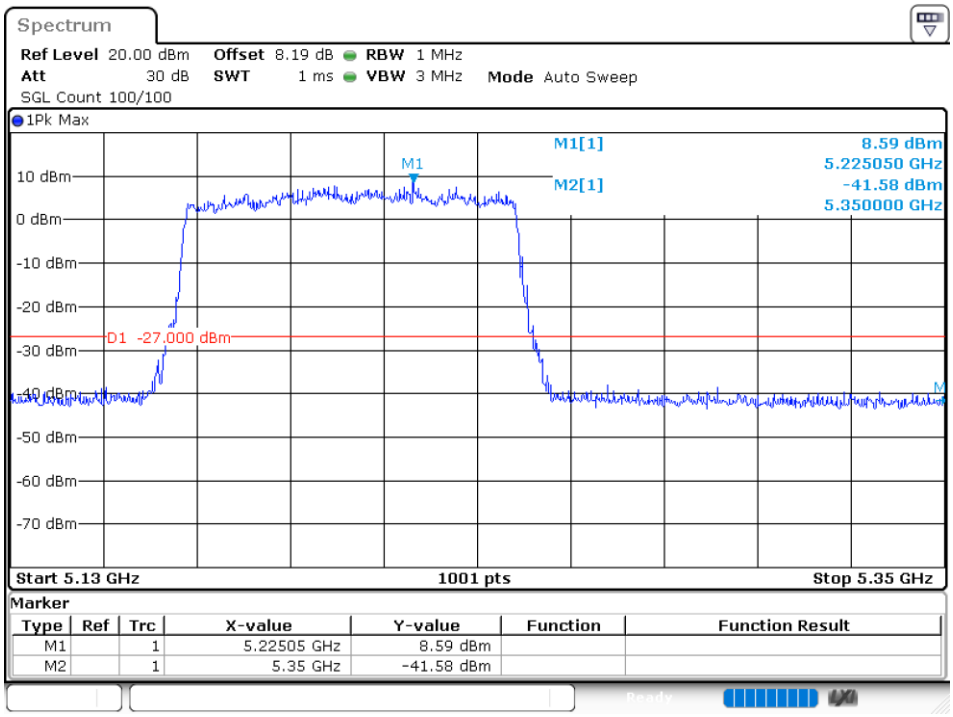
Band Edge NVNT ax40 5230MHz High Ant3



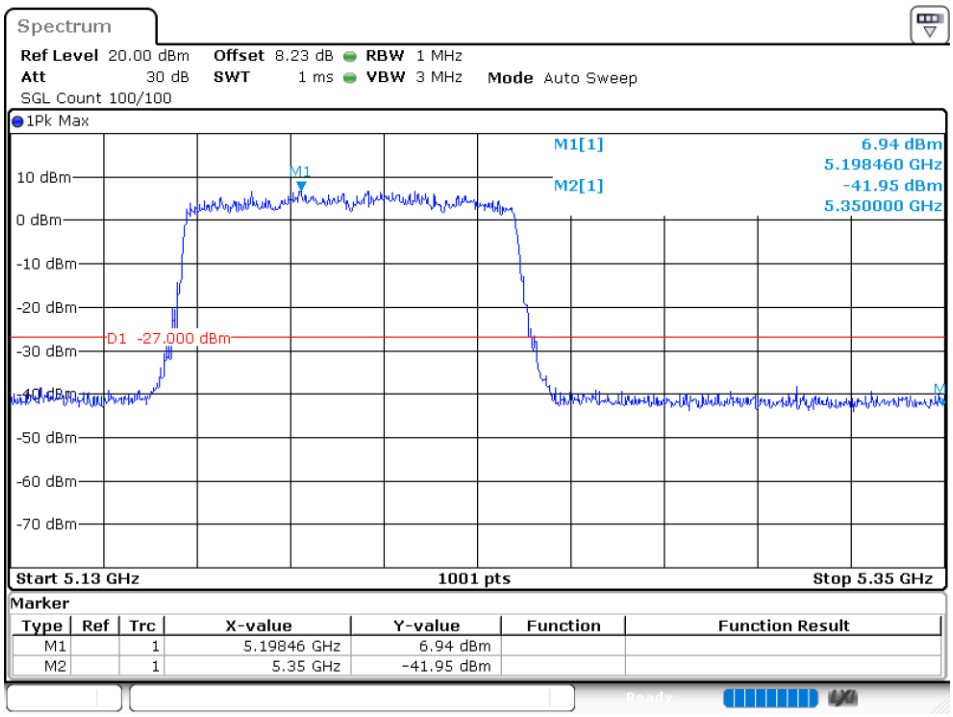
Band Edge NVNT ax40 5230MHz High Ant4



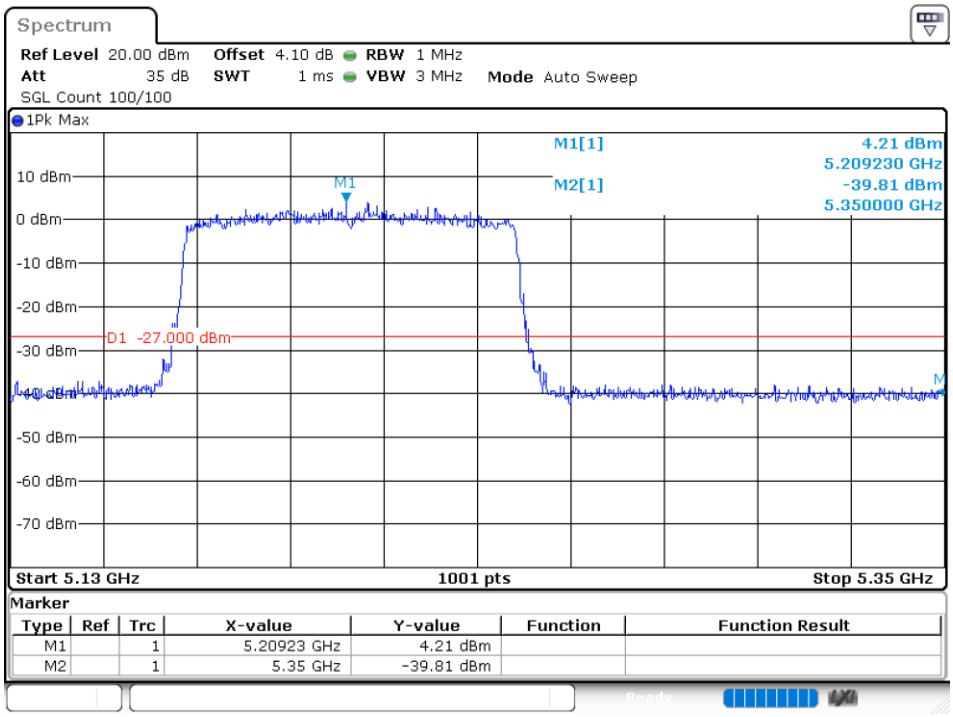
Band Edge NVNT ax80 5210MHz High Ant1



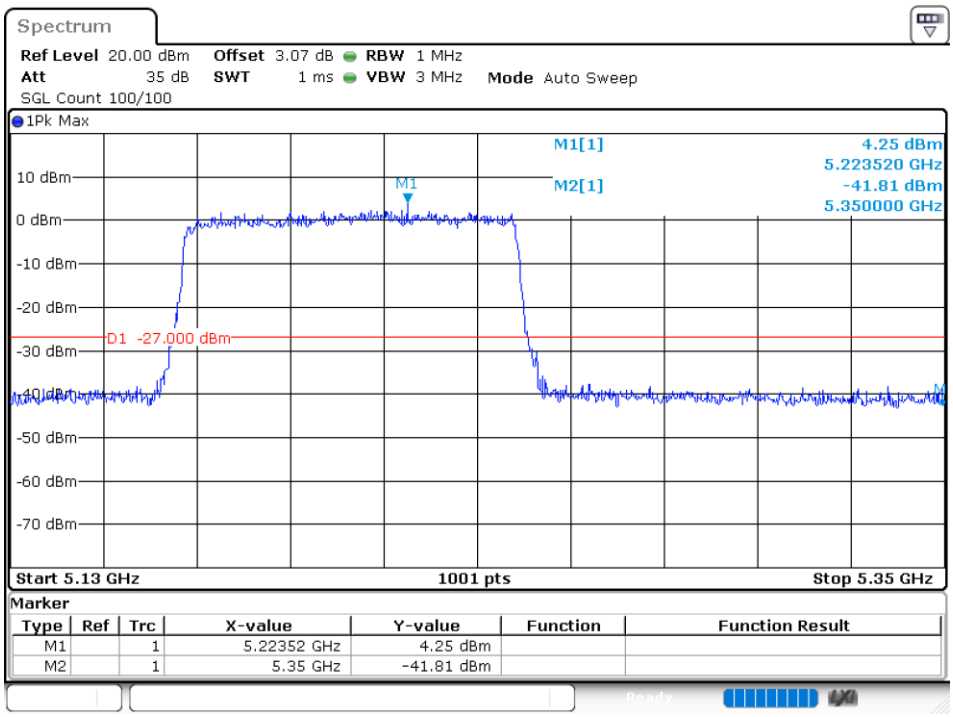
Band Edge NVNT ax80 5210MHz High Ant2



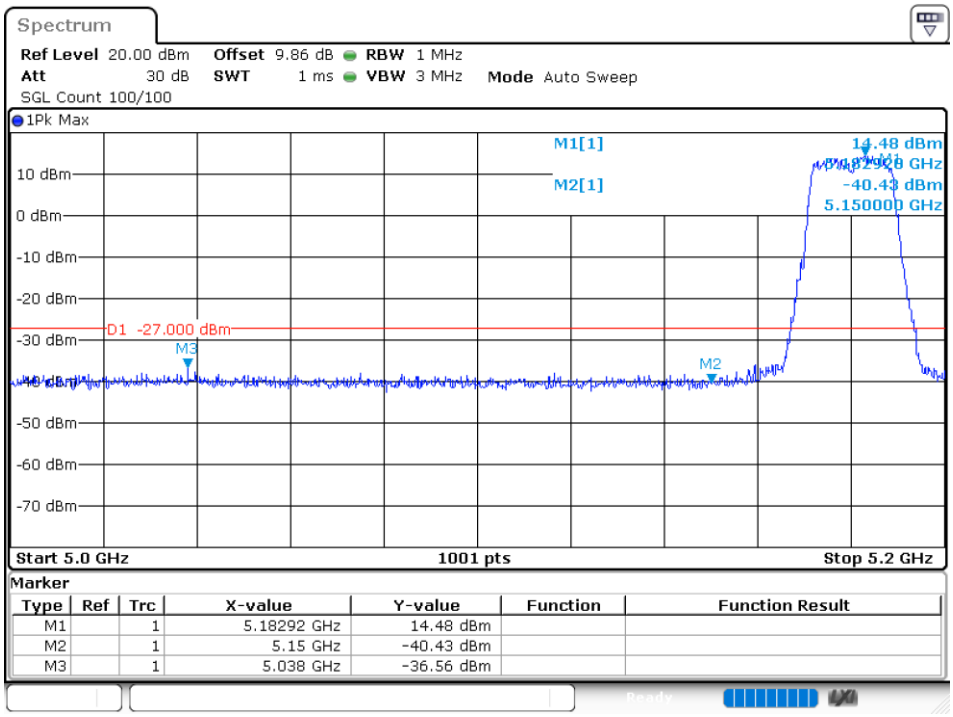
Band Edge NVNT ax80 5210MHz High Ant3



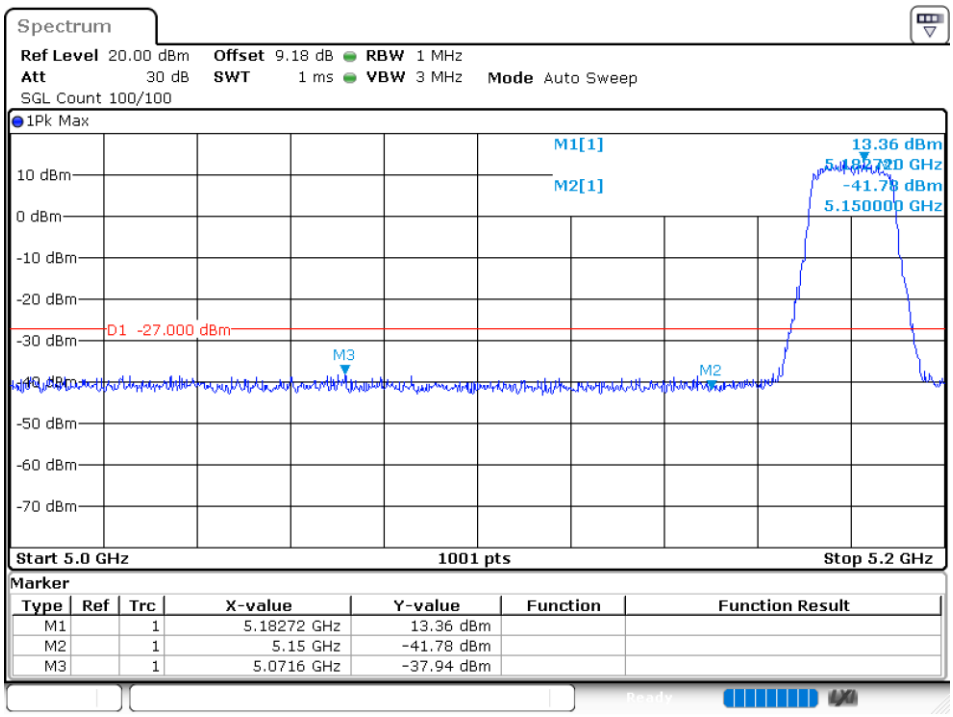
Band Edge NVNT ax80 5210MHz High Ant4



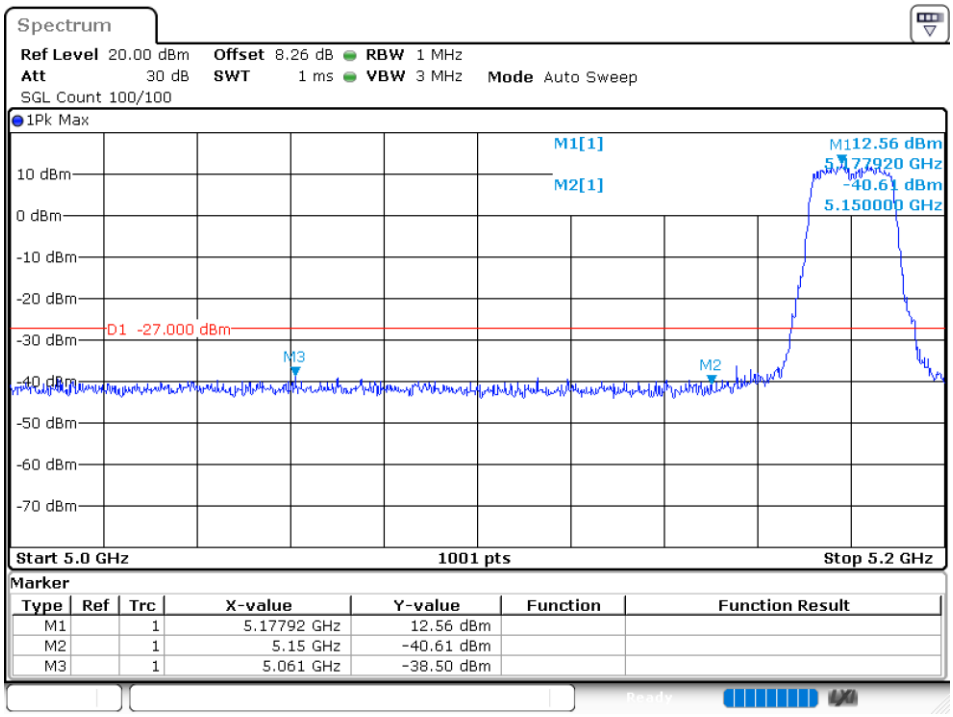
Band Edge NVNT n20 5180MHz Low Ant1



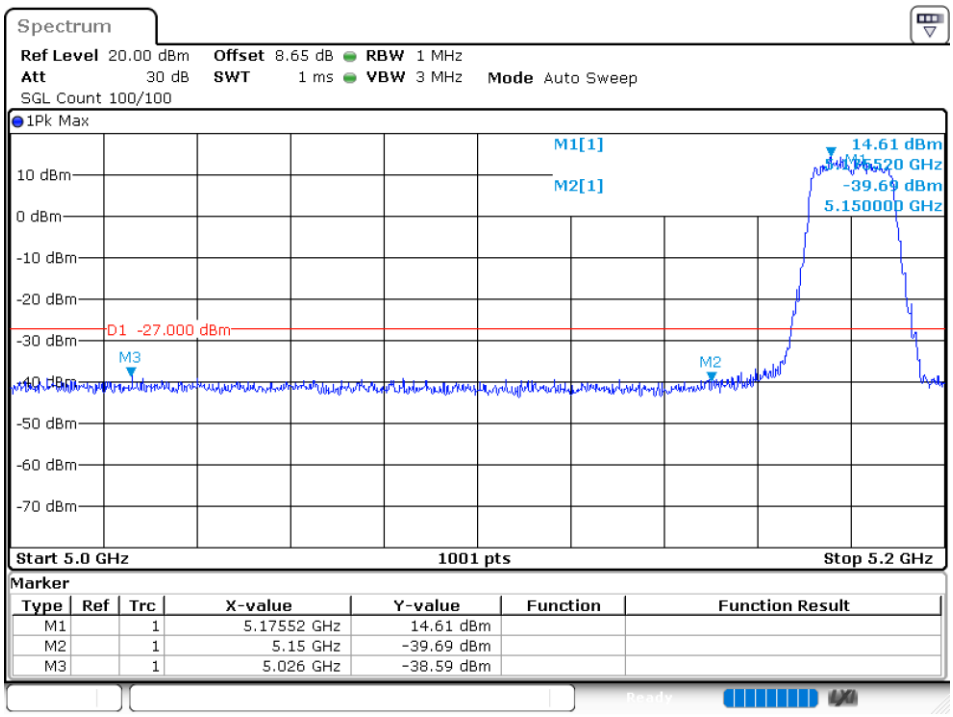
Band Edge NVNT n20 5180MHz Low Ant2



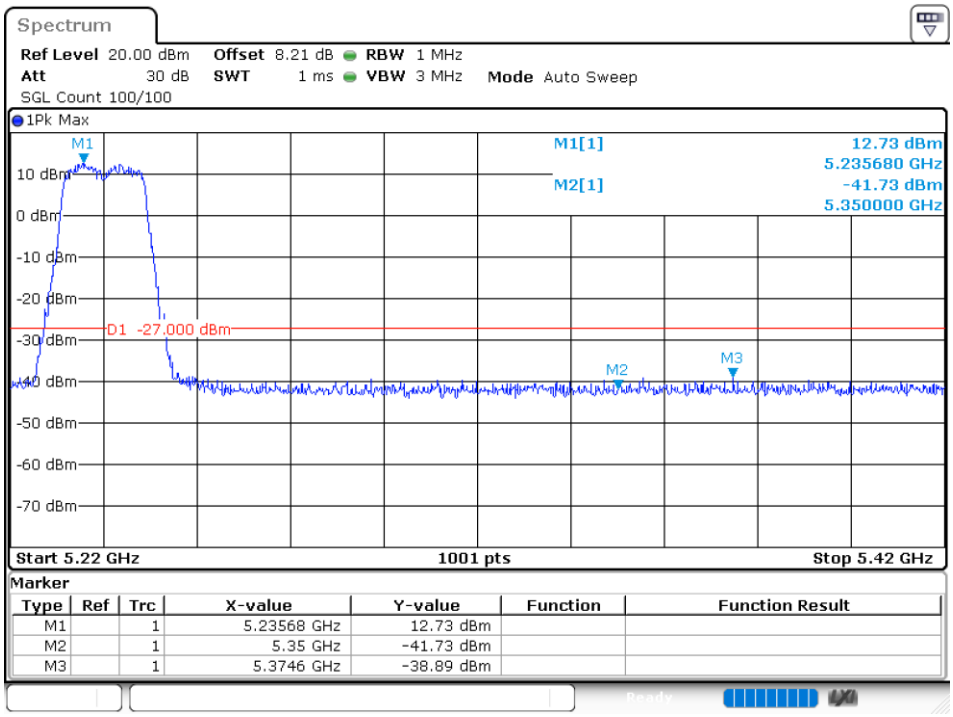
Band Edge NVNT n20 5180MHz Low Ant3



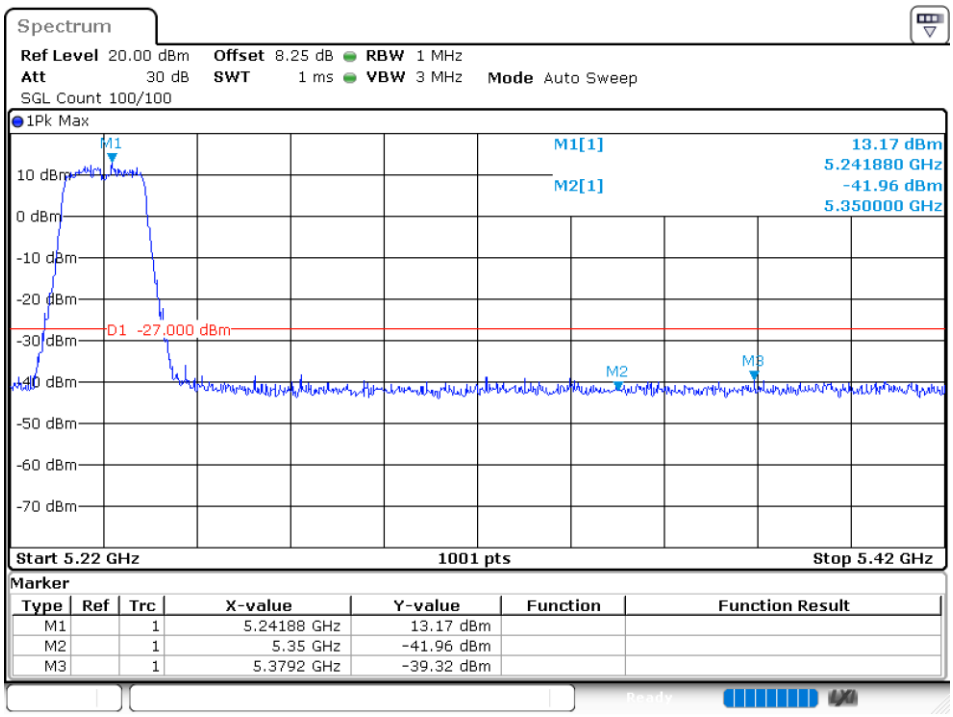
Band Edge NVNT n20 5180MHz Low Ant4



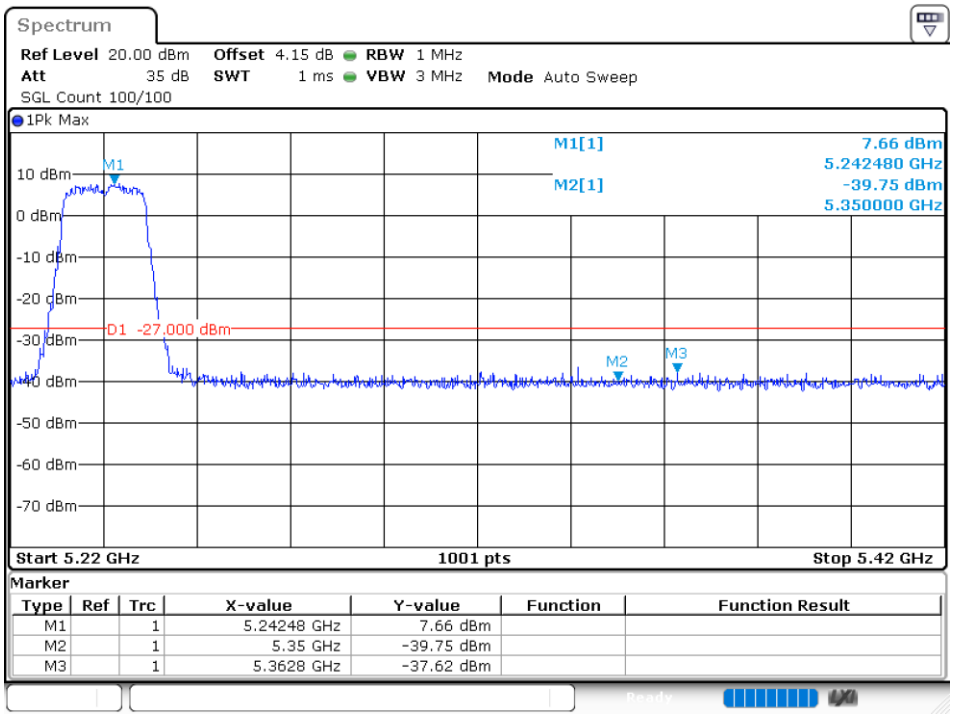
Band Edge NVNT n20 5240MHz High Ant1



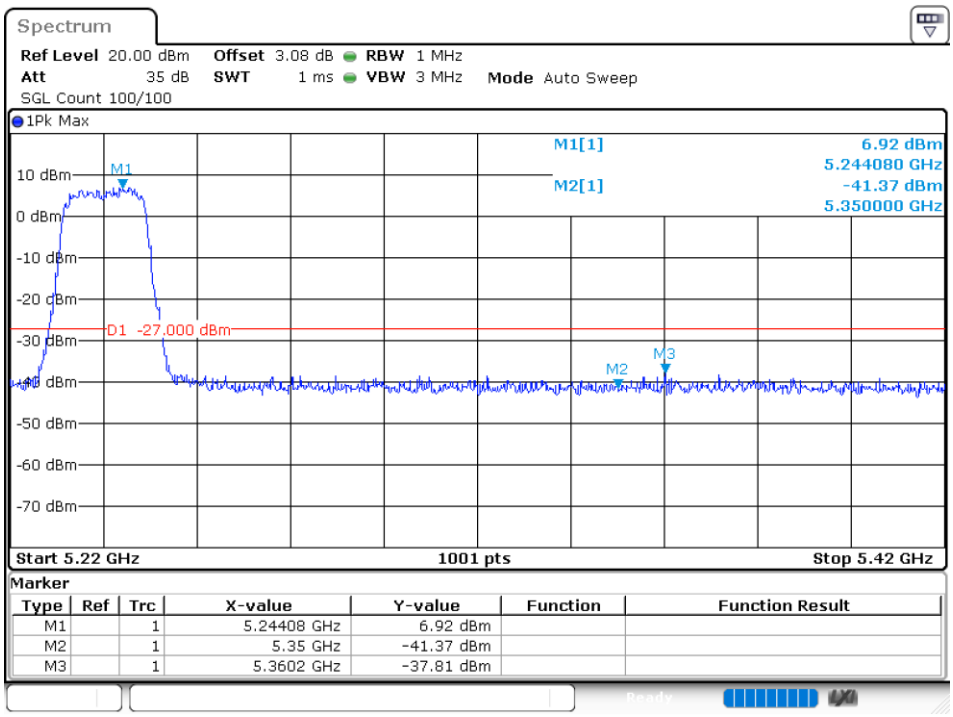
Band Edge NVNT n20 5240MHz High Ant2



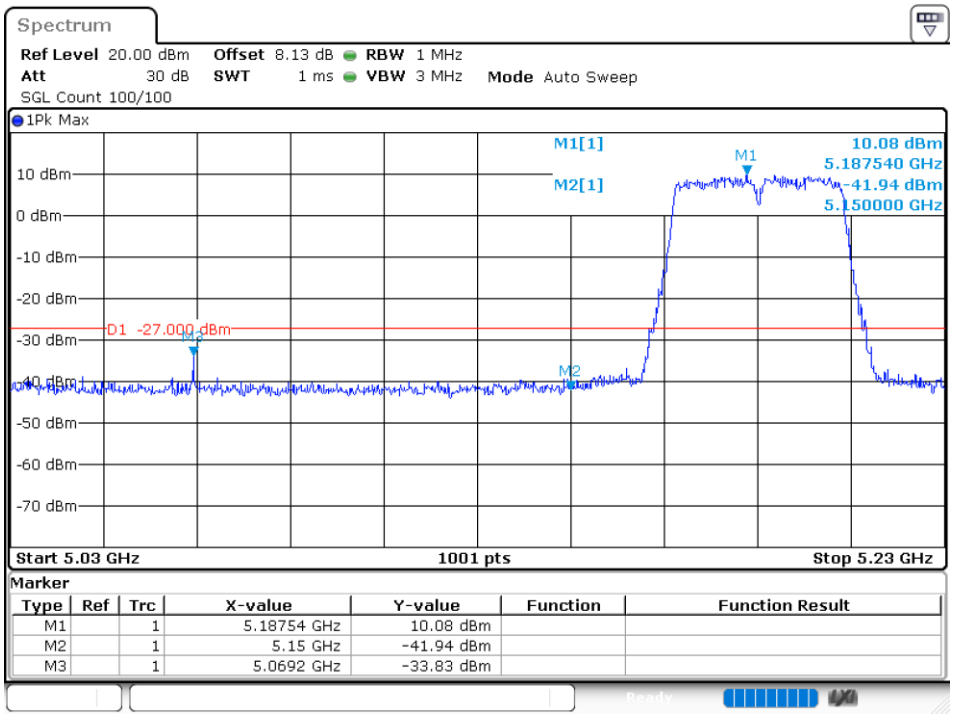
Band Edge NVNT n20 5240MHz High Ant3



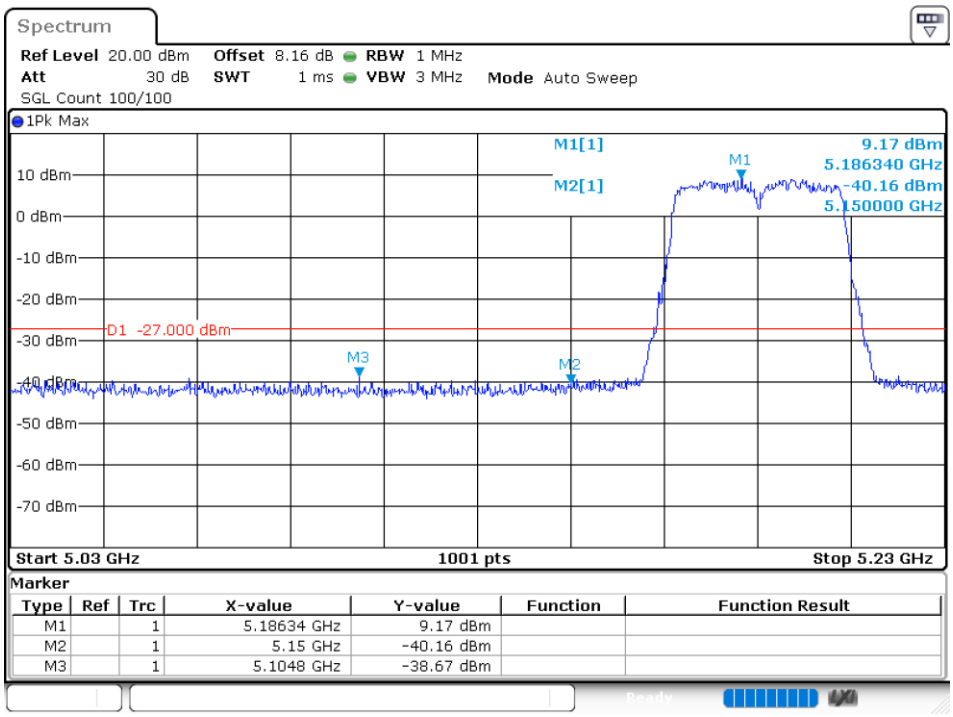
Band Edge NVNT n20 5240MHz High Ant4



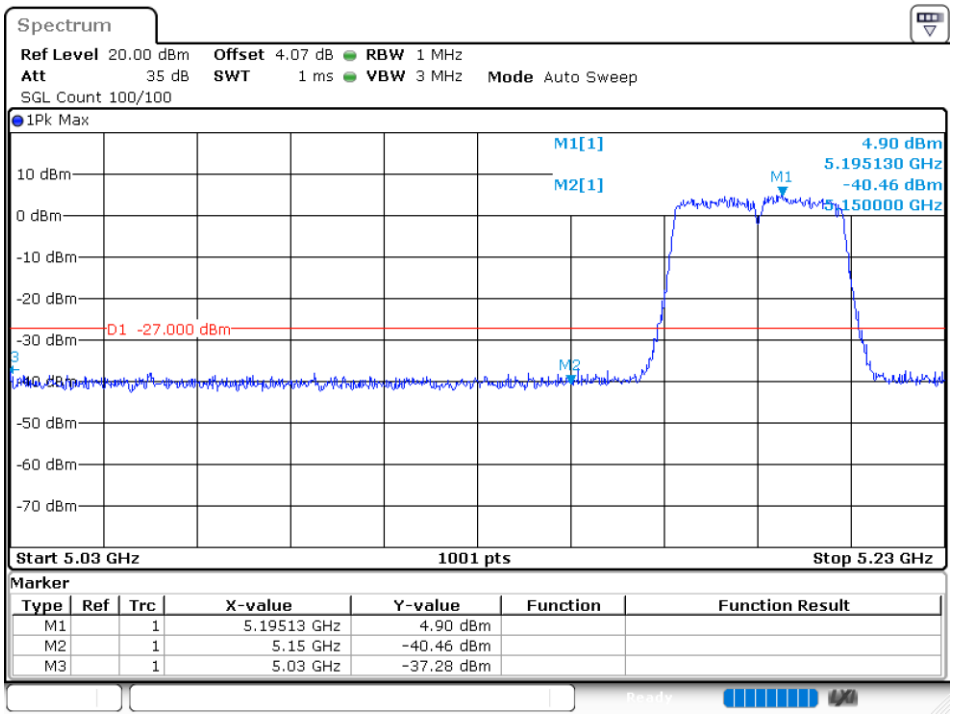
Band Edge NVNT n40 5190MHz Low Ant1



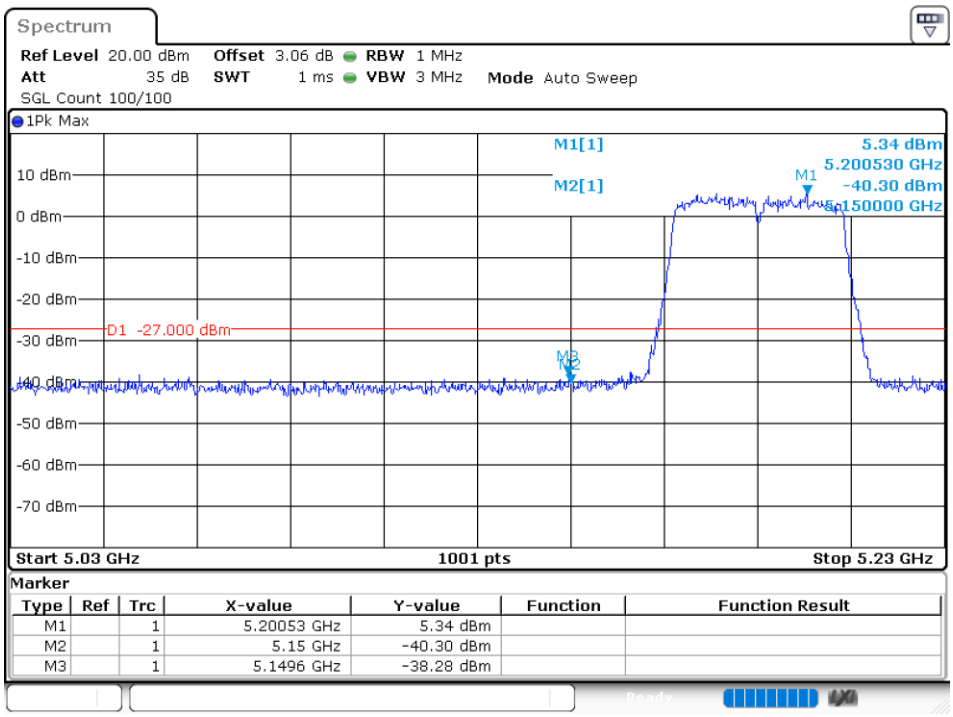
Band Edge NVNT n40 5190MHz Low Ant2



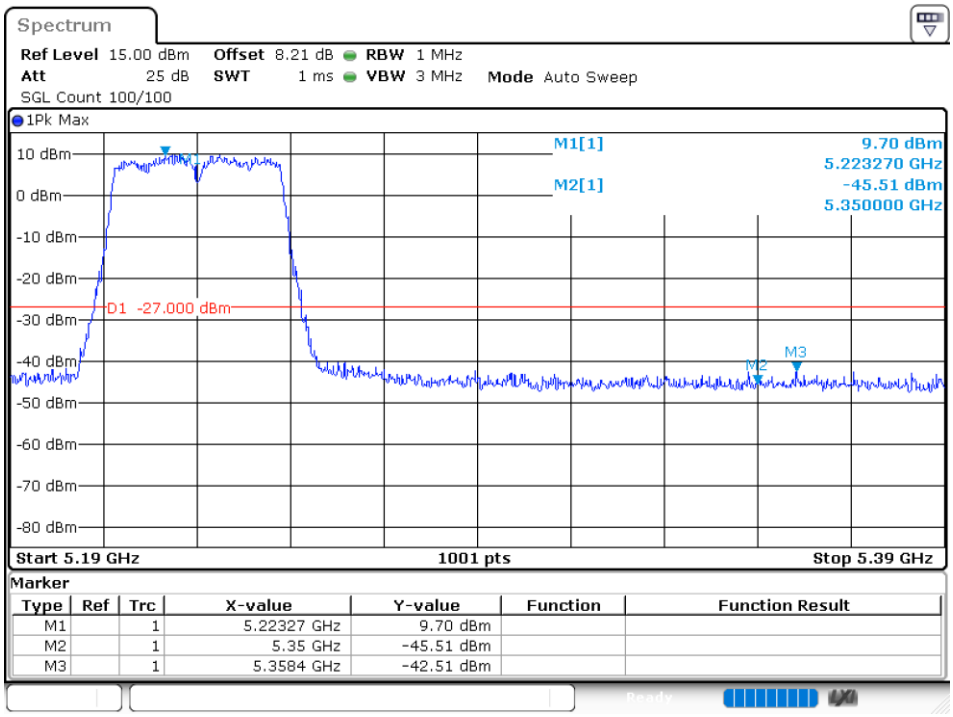
Band Edge NVNT n40 5190MHz Low Ant3



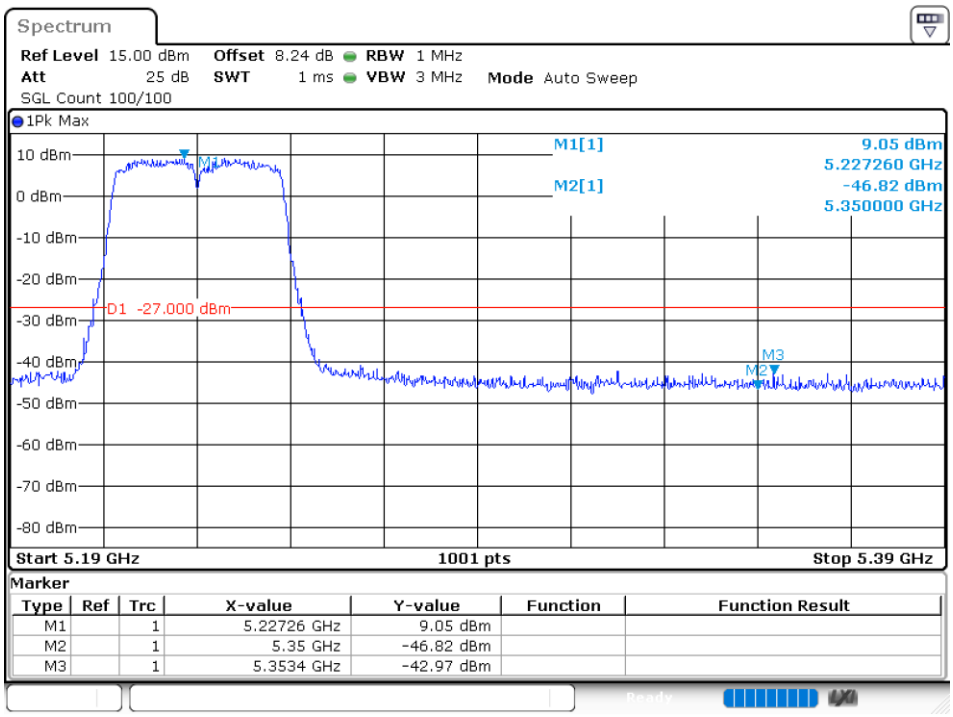
Band Edge NVNT n40 5190MHz Low Ant4



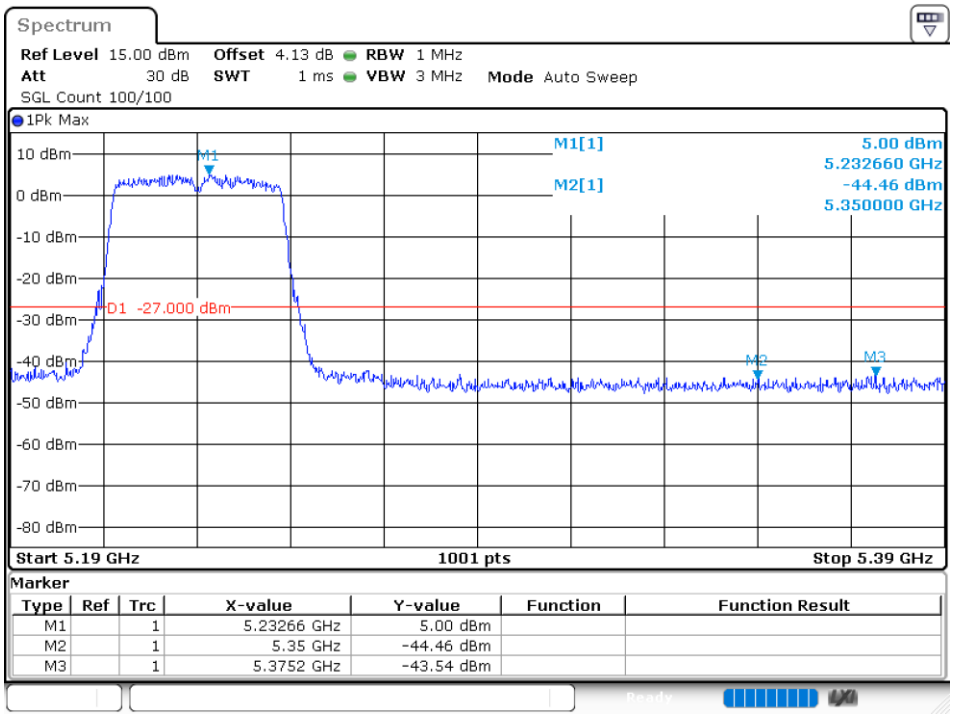
Band Edge NVNT n40 5230MHz High Ant1



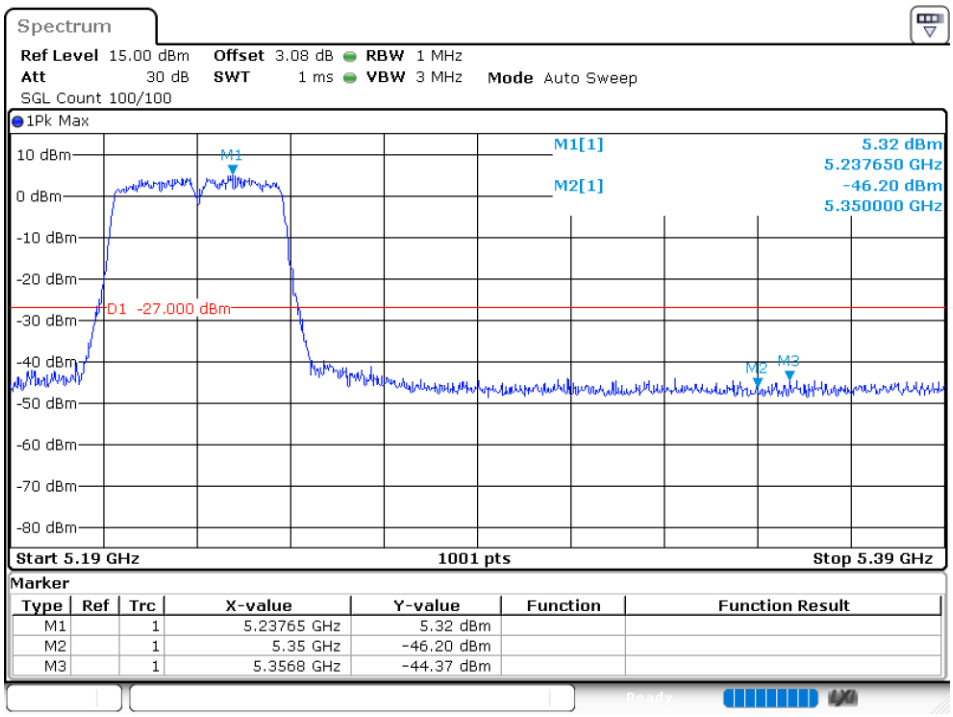
Band Edge NVNT n40 5230MHz High Ant2



Band Edge NVNT n40 5230MHz High Ant3



Band Edge NVNT n40 5230MHz High Ant4



Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5180	Ant1	-31.06	-27	Pass
NVNT	ac20	5180	Ant2	-30.64	-27	Pass
NVNT	ac20	5180	Ant3	-33.52	-27	Pass
NVNT	ac20	5180	Ant4	-34.91	-27	Pass
NVNT	ac20	5200	Ant1	-30.94	-27	Pass
NVNT	ac20	5200	Ant2	-30.67	-27	Pass
NVNT	ac20	5200	Ant3	-33.56	-27	Pass
NVNT	ac20	5200	Ant4	-34.74	-27	Pass
NVNT	ac20	5240	Ant1	-30.64	-27	Pass
NVNT	ac20	5240	Ant2	-30.73	-27	Pass
NVNT	ac20	5240	Ant3	-33.45	-27	Pass
NVNT	ac20	5240	Ant4	-35.08	-27	Pass
NVNT	ac40	5190	Ant1	-30.13	-27	Pass
NVNT	ac40	5190	Ant2	-29.97	-27	Pass
NVNT	ac40	5190	Ant3	-33.69	-27	Pass
NVNT	ac40	5190	Ant4	-35.46	-27	Pass
NVNT	ac40	5230	Ant1	-30.74	-27	Pass
NVNT	ac40	5230	Ant2	-29.92	-27	Pass
NVNT	ac40	5230	Ant3	-33.24	-27	Pass
NVNT	ac40	5230	Ant4	-34.98	-27	Pass
NVNT	ac80	5210	Ant1	-30.17	-27	Pass
NVNT	ac80	5210	Ant2	-30.95	-27	Pass
NVNT	ac80	5210	Ant3	-33.82	-27	Pass
NVNT	ac80	5210	Ant4	-34.3	-27	Pass
NVNT	ax20	5180	Ant1	-30.48	-27	Pass
NVNT	ax20	5180	Ant2	-31.14	-27	Pass
NVNT	ax20	5180	Ant3	-33.63	-27	Pass
NVNT	ax20	5180	Ant4	-34.55	-27	Pass
NVNT	ax20	5200	Ant1	-30.87	-27	Pass
NVNT	ax20	5200	Ant2	-30.55	-27	Pass
NVNT	ax20	5200	Ant3	-33.86	-27	Pass
NVNT	ax20	5200	Ant4	-33.69	-27	Pass
NVNT	ax20	5240	Ant1	-30.8	-27	Pass
NVNT	ax20	5240	Ant2	-31.12	-27	Pass
NVNT	ax20	5240	Ant3	-32.75	-27	Pass
NVNT	ax20	5240	Ant4	-34.5	-27	Pass
NVNT	ax40	5190	Ant1	-30.27	-27	Pass
NVNT	ax40	5190	Ant2	-30.98	-27	Pass
NVNT	ax40	5190	Ant3	-34.02	-27	Pass
NVNT	ax40	5190	Ant4	-34.09	-27	Pass

NVNT	ax40	5230	Ant1	-30.37	-27	Pass
NVNT	ax40	5230	Ant2	-30.21	-27	Pass
NVNT	ax40	5230	Ant3	-32.74	-27	Pass
NVNT	ax40	5230	Ant4	-34.67	-27	Pass
NVNT	ax80	5210	Ant1	-30.51	-27	Pass
NVNT	ax80	5210	Ant2	-30.96	-27	Pass
NVNT	ax80	5210	Ant3	-33.65	-27	Pass
NVNT	ax80	5210	Ant4	-33.72	-27	Pass
NVNT	n20	5180	Ant1	-31.06	-27	Pass
NVNT	n20	5180	Ant2	-30.2	-27	Pass
NVNT	n20	5180	Ant3	-32.75	-27	Pass
NVNT	n20	5180	Ant4	-34.96	-27	Pass
NVNT	n20	5200	Ant1	-29.84	-27	Pass
NVNT	n20	5200	Ant2	-30.38	-27	Pass
NVNT	n20	5200	Ant3	-33.32	-27	Pass
NVNT	n20	5200	Ant4	-34.86	-27	Pass
NVNT	n20	5240	Ant1	-30.04	-27	Pass
NVNT	n20	5240	Ant2	-30.14	-27	Pass
NVNT	n20	5240	Ant3	-34.18	-27	Pass
NVNT	n20	5240	Ant4	-34.17	-27	Pass
NVNT	n40	5190	Ant1	-30.91	-27	Pass
NVNT	n40	5190	Ant2	-30.53	-27	Pass
NVNT	n40	5190	Ant3	-33.74	-27	Pass
NVNT	n40	5190	Ant4	-34.22	-27	Pass
NVNT	n40	5230	Ant1	-40.08	-27	Pass
NVNT	n40	5230	Ant2	-40.12	-27	Pass
NVNT	n40	5230	Ant3	-43.03	-27	Pass
NVNT	n40	5230	Ant4	-44.41	-27	Pass