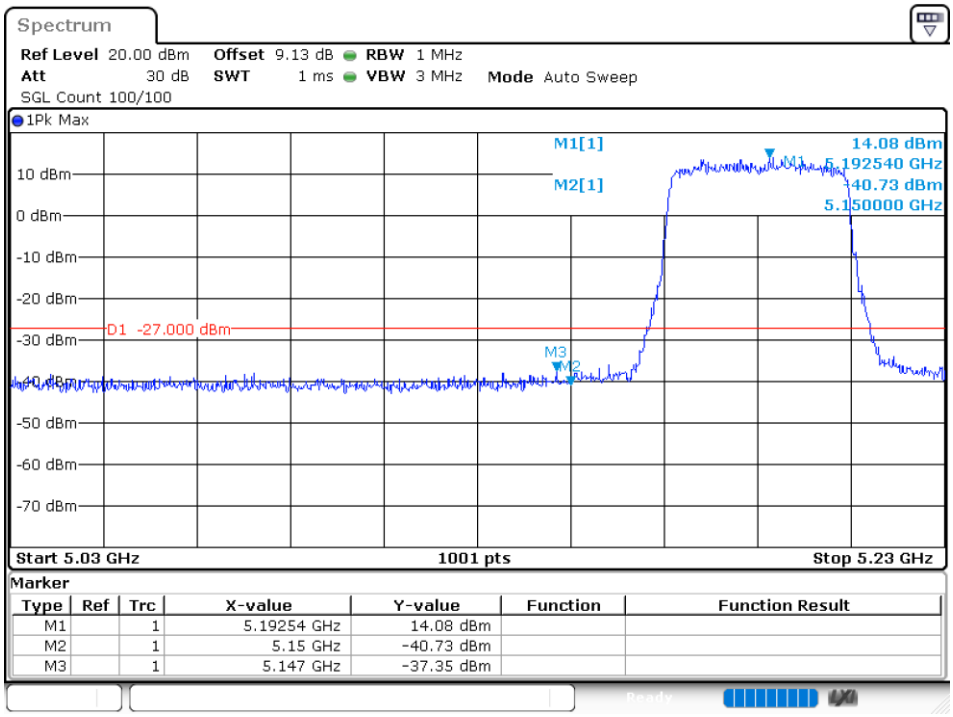
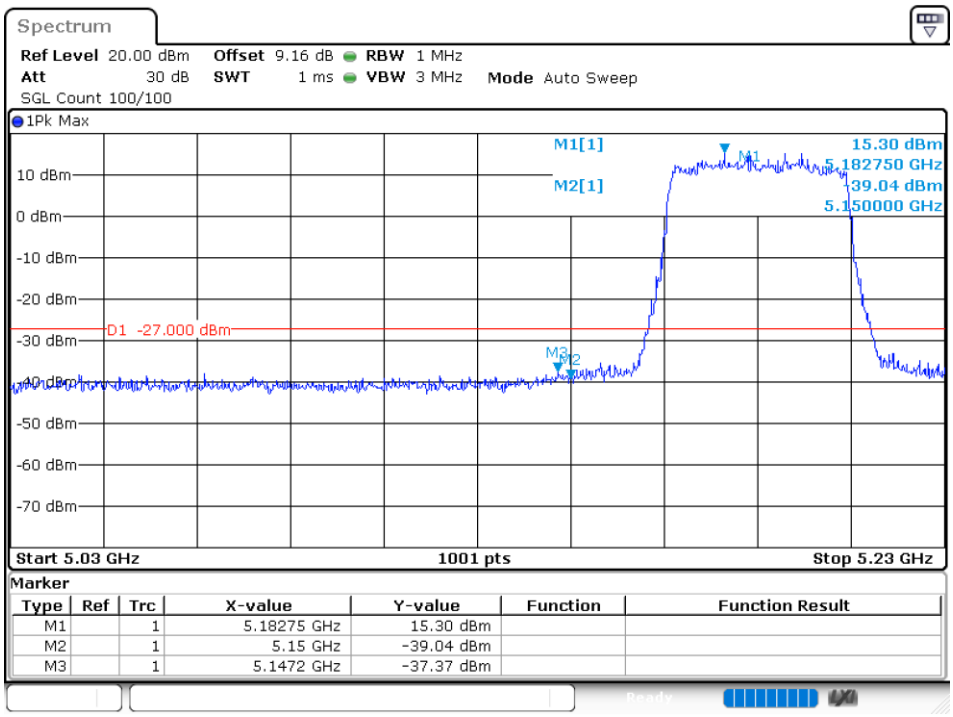
Band Edge NVNT ax40 5190MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.19254 GHz	14.08 dBm		
M2		1	5.15 GHz	-40.73 dBm		
M3		1	5.147 GHz	-37.35 dBm		

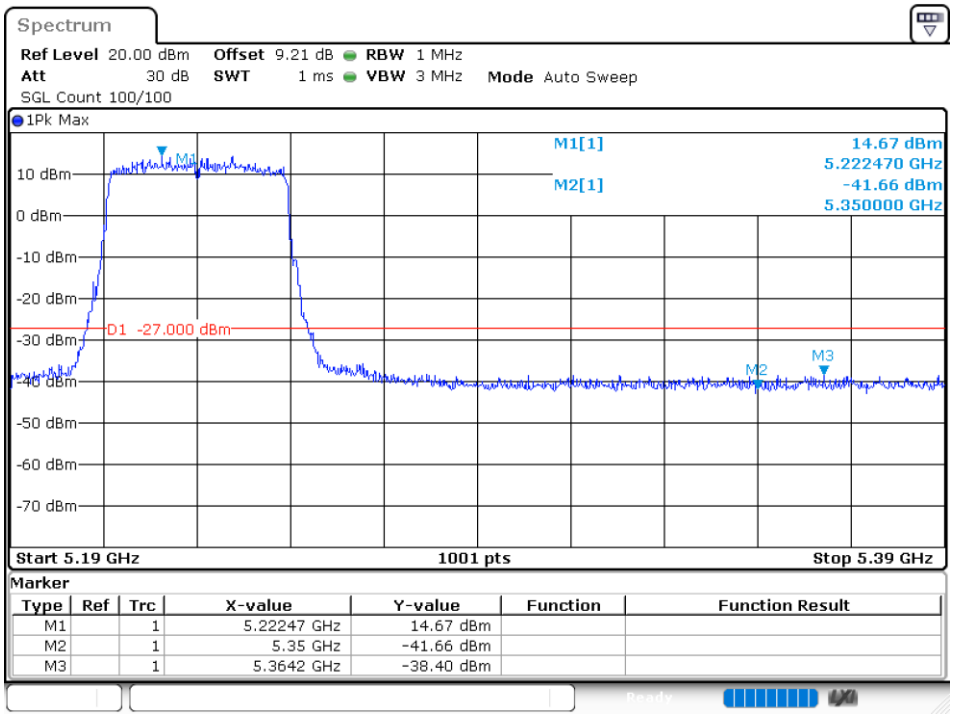
Band Edge NVNT ax40 5190MHz Low Ant2



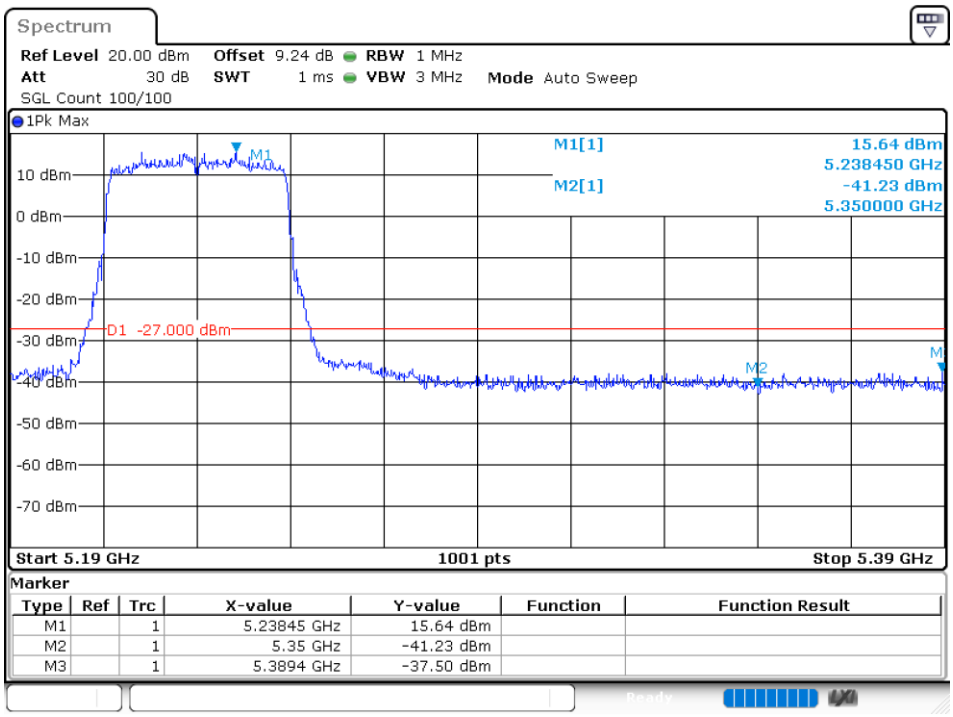
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.18275 GHz	15.30 dBm		
M2		1	5.15 GHz	-39.04 dBm		
M3		1	5.1472 GHz	-37.37 dBm		

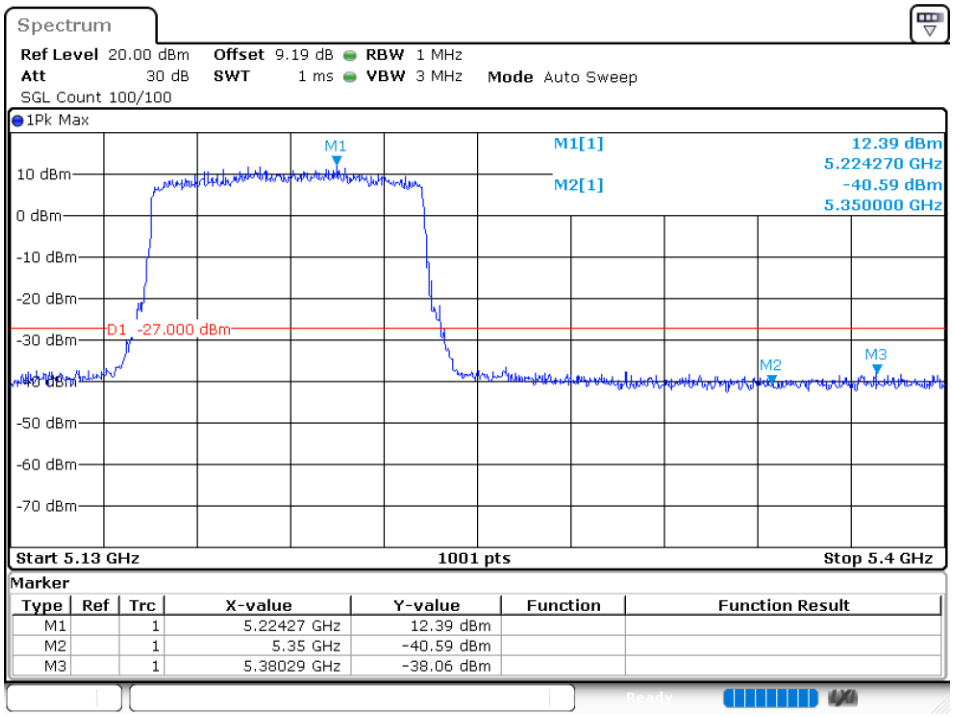
Band Edge NVNT ax40 5230MHz High Ant1



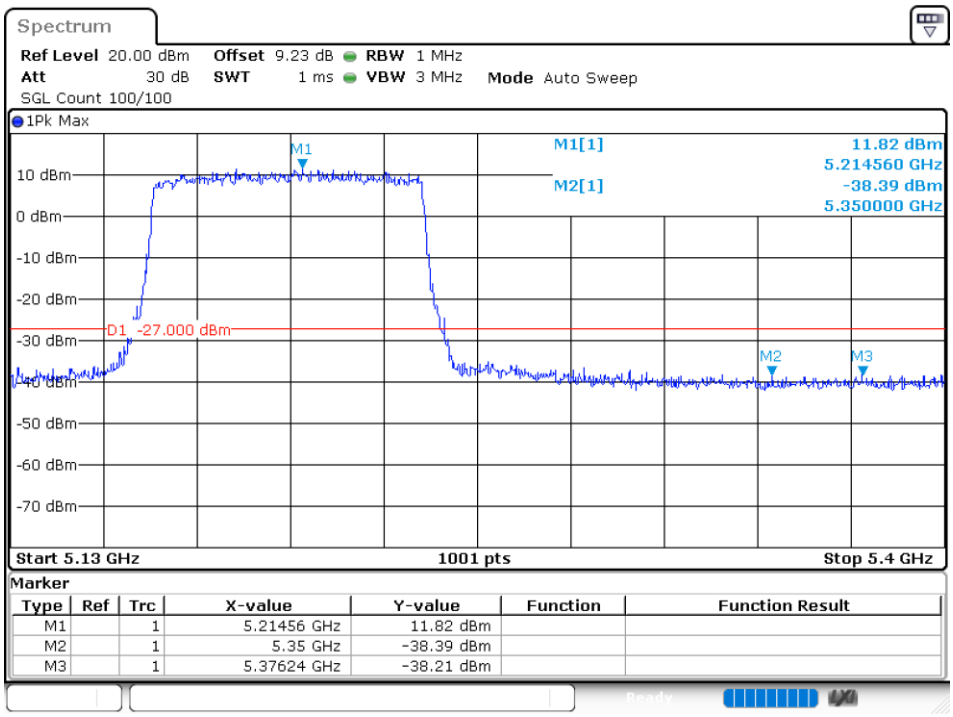
Band Edge NVNT ax40 5230MHz High Ant2



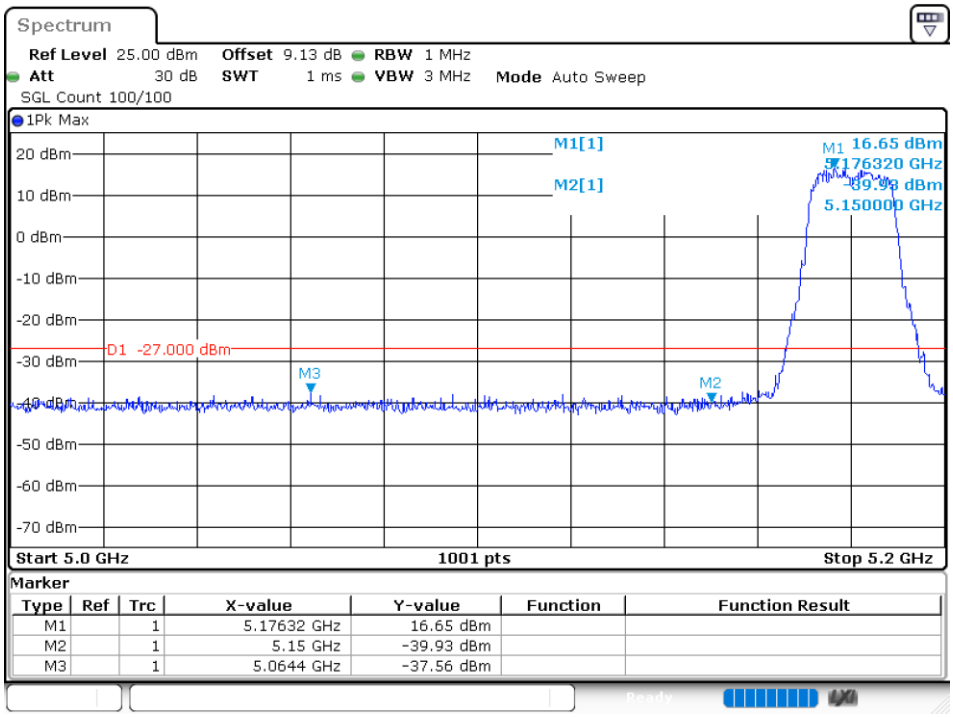
Band Edge NVNT ax80 5210MHz High Ant1



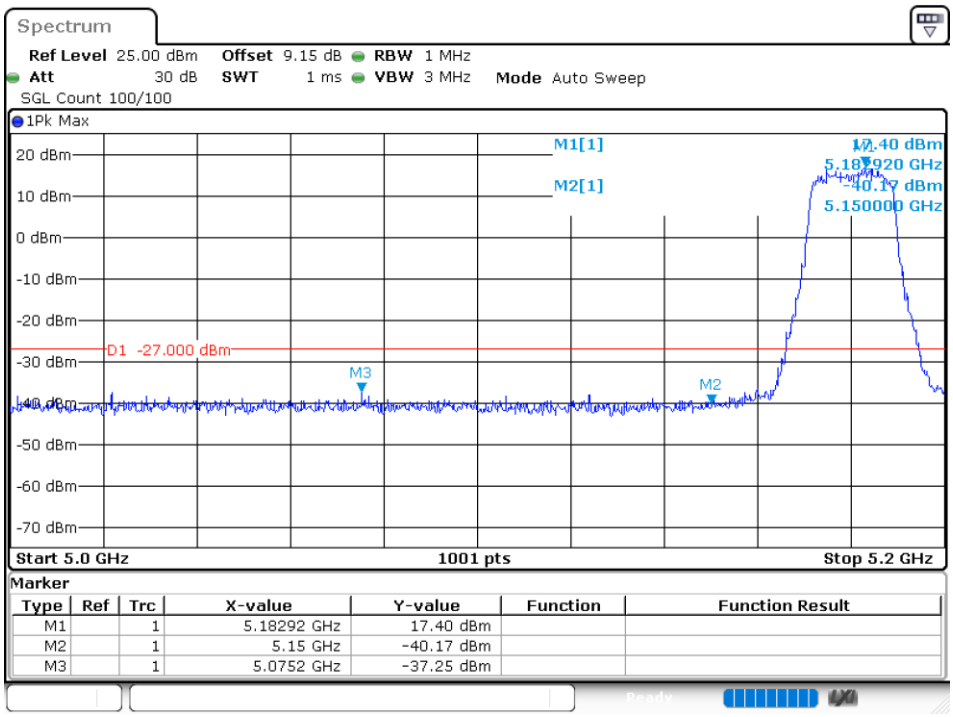
Band Edge NVNT ax80 5210MHz High Ant2



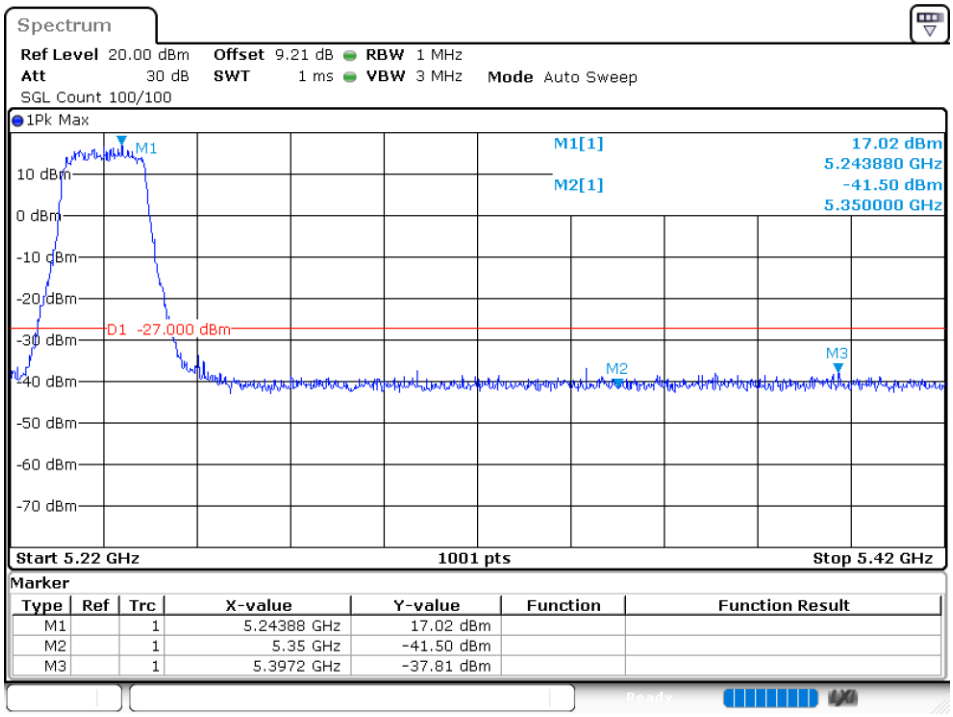
Band Edge NVNT n20 5180MHz Low Ant1



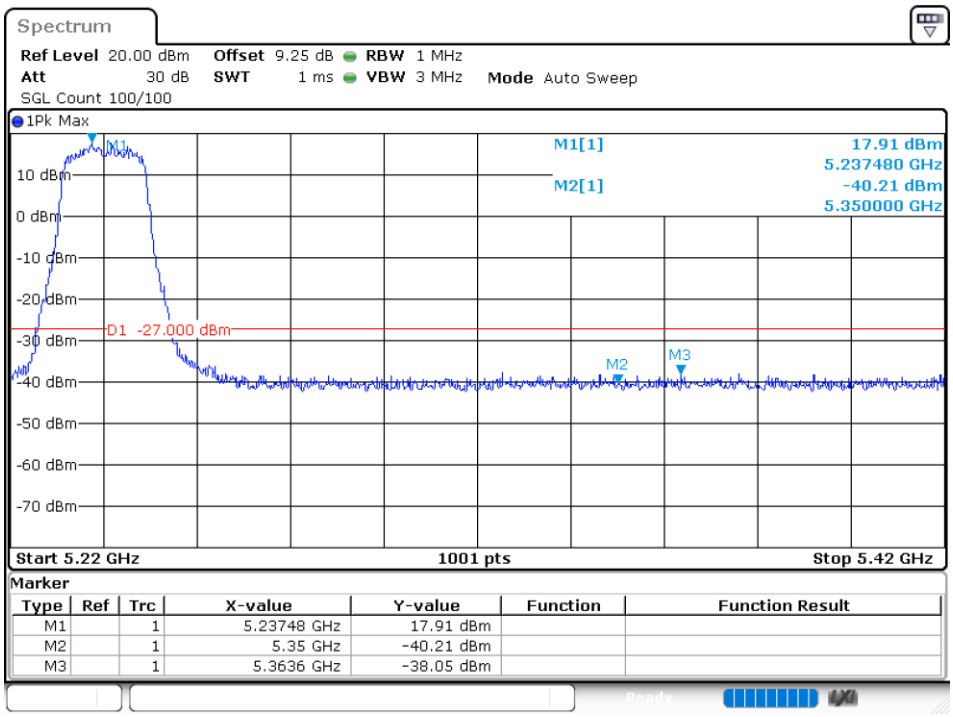
Band Edge NVNT n20 5180MHz Low Ant2



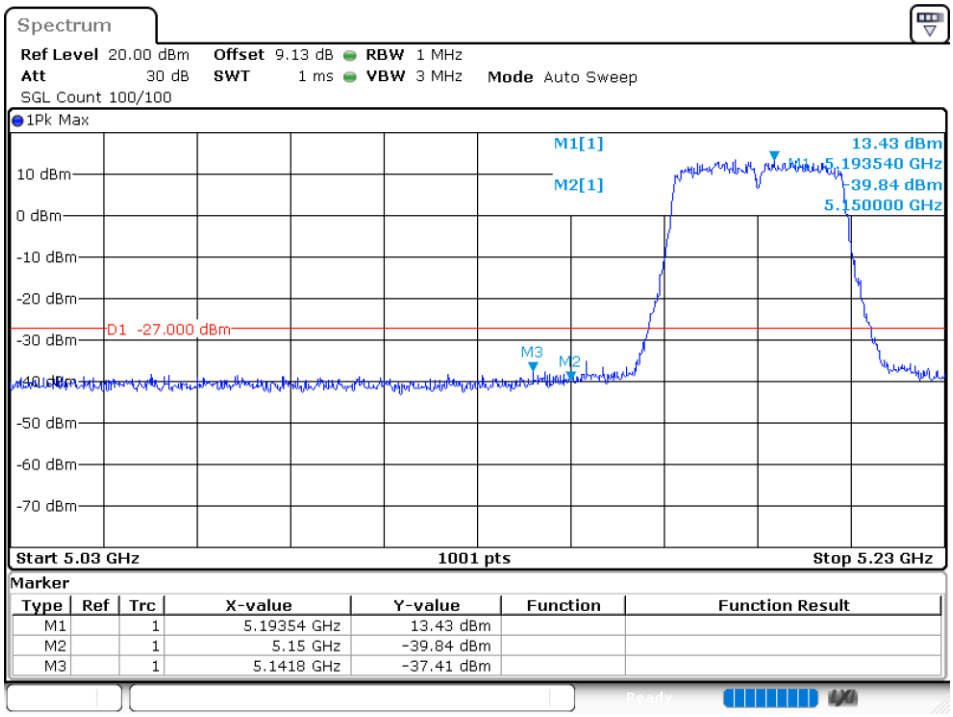
Band Edge NVNT n20 5240MHz High Ant1



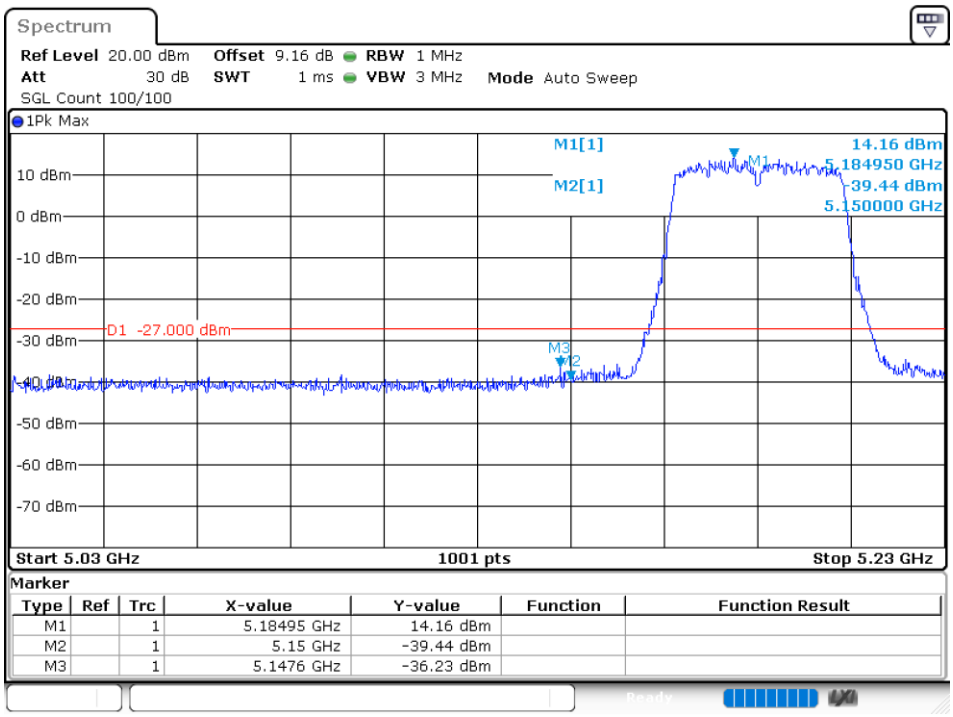
Band Edge NVNT n20 5240MHz High Ant2



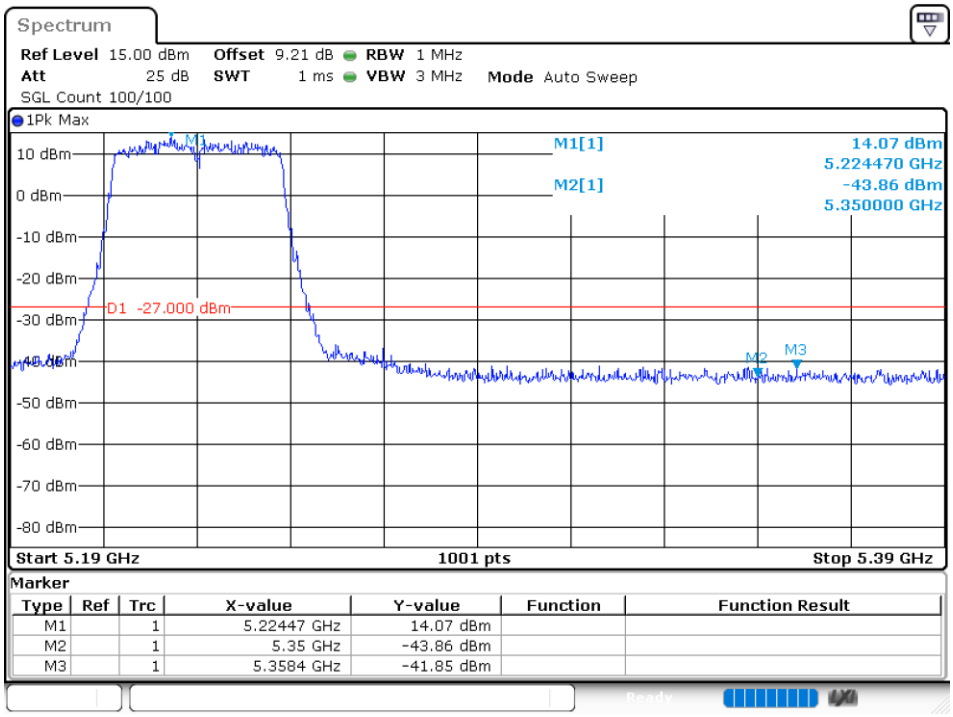
Band Edge NVNT n40 5190MHz Low Ant1



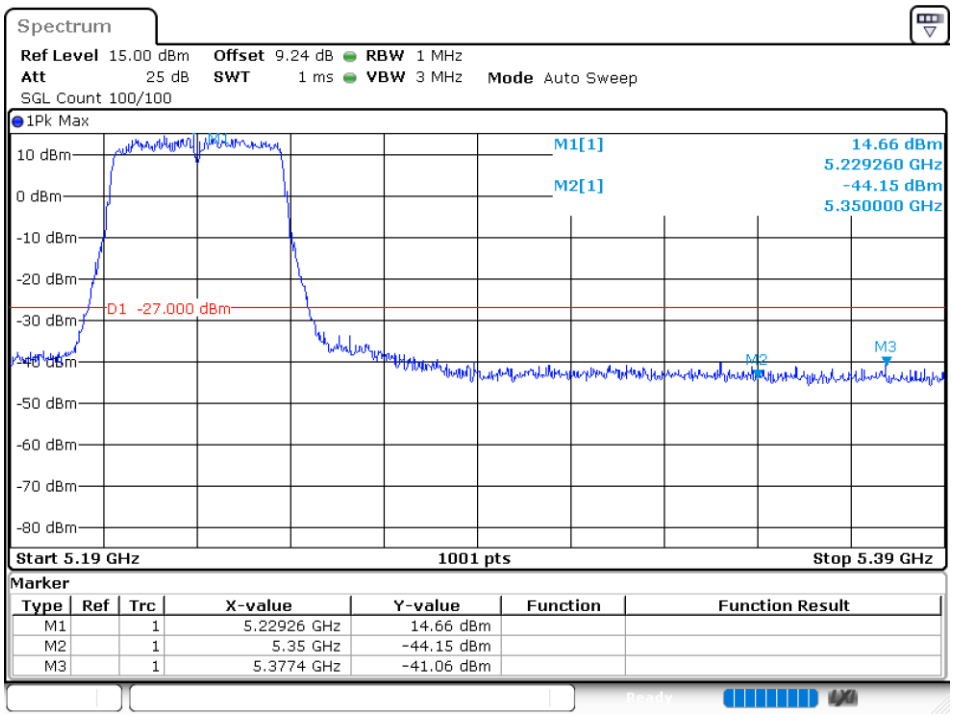
Band Edge NVNT n40 5190MHz Low Ant2



Band Edge NVNT n40 5230MHz High Ant1



Band Edge NVNT n40 5230MHz High Ant2

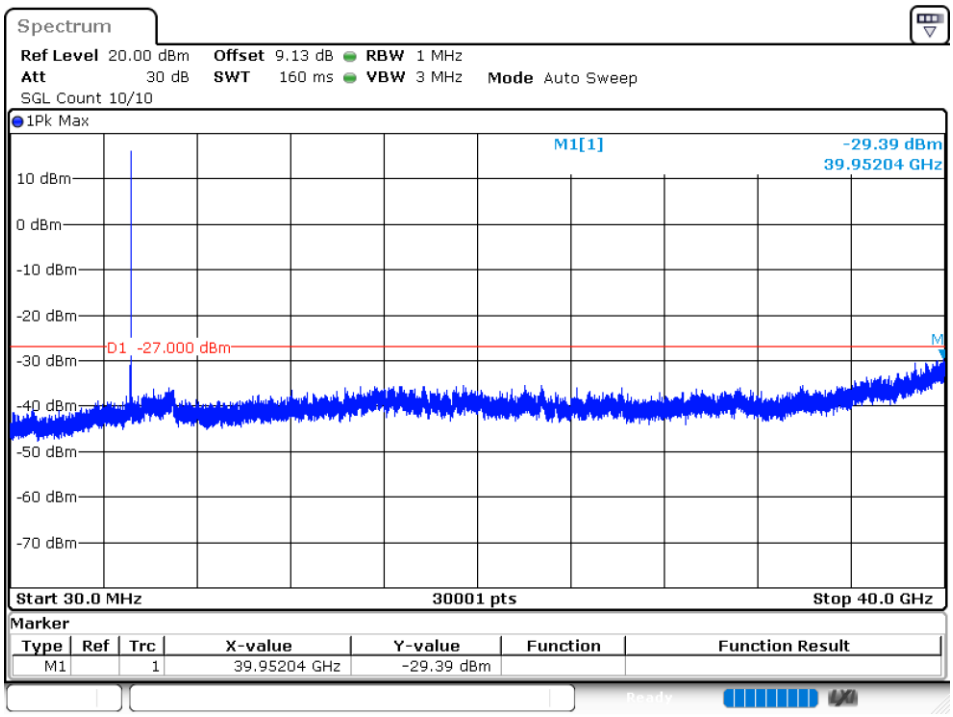


Conducted RF Spurious Emission

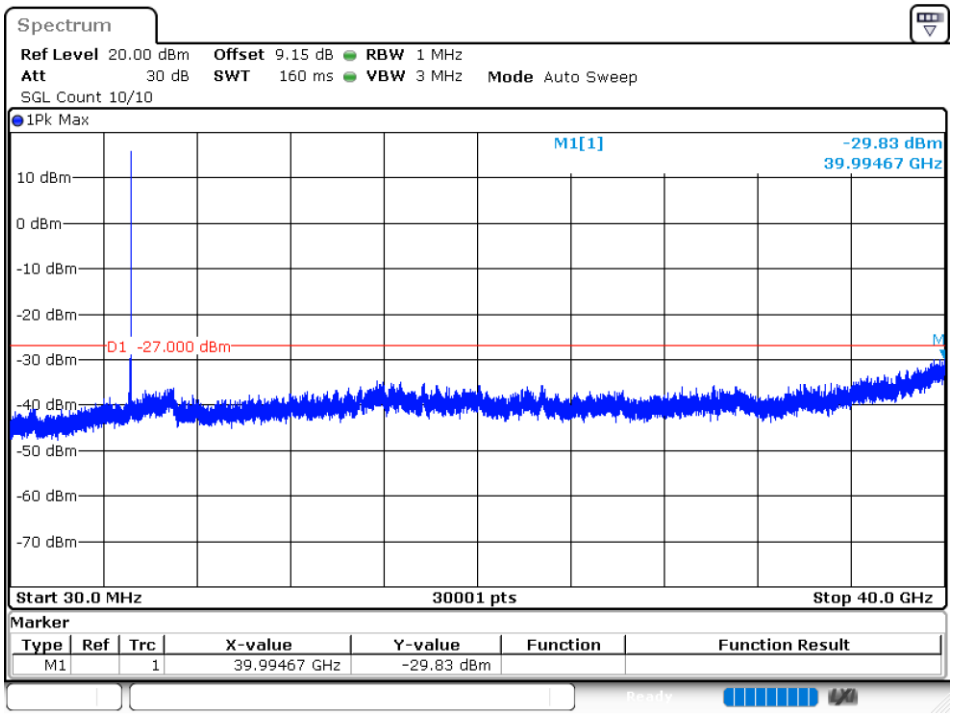
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5180	Ant1	-29.38	-27	Pass
NVNT	ac20	5180	Ant2	-29.82	-27	Pass
NVNT	ac20	5200	Ant1	-29.77	-27	Pass
NVNT	ac20	5200	Ant2	-29.56	-27	Pass
NVNT	ac20	5240	Ant1	-29.96	-27	Pass
NVNT	ac20	5240	Ant2	-30	-27	Pass
NVNT	ac40	5190	Ant1	-29.98	-27	Pass
NVNT	ac40	5190	Ant2	-29.88	-27	Pass
NVNT	ac40	5230	Ant1	-29.04	-27	Pass
NVNT	ac40	5230	Ant2	-29.56	-27	Pass
NVNT	ac80	5210	Ant1	-29.9	-27	Pass
NVNT	ac80	5210	Ant2	-29.73	-27	Pass
NVNT	ax20	5180	Ant1	-28.77	-27	Pass
NVNT	ax20	5180	Ant2	-29.42	-27	Pass
NVNT	ax20	5200	Ant1	-29.44	-27	Pass
NVNT	ax20	5200	Ant2	-29.73	-27	Pass
NVNT	ax20	5240	Ant1	-29.59	-27	Pass
NVNT	ax20	5240	Ant2	-30.01	-27	Pass
NVNT	ax40	5190	Ant1	-28.52	-27	Pass
NVNT	ax40	5190	Ant2	-29.51	-27	Pass
NVNT	ax40	5230	Ant1	-29.41	-27	Pass
NVNT	ax40	5230	Ant2	-29.14	-27	Pass
NVNT	ax80	5210	Ant1	-28.55	-27	Pass
NVNT	ax80	5210	Ant2	-28.77	-27	Pass
NVNT	n20	5180	Ant1	-29.57	-27	Pass
NVNT	n20	5180	Ant2	-28.73	-27	Pass
NVNT	n20	5200	Ant1	-28.98	-27	Pass
NVNT	n20	5200	Ant2	-29.34	-27	Pass
NVNT	n20	5240	Ant1	-29.14	-27	Pass
NVNT	n20	5240	Ant2	-28.73	-27	Pass
NVNT	n40	5190	Ant1	-28.6	-27	Pass
NVNT	n40	5190	Ant2	-29.17	-27	Pass
NVNT	n40	5230	Ant1	-30	-27	Pass
NVNT	n40	5230	Ant2	-29.14	-27	Pass

Test Graphs

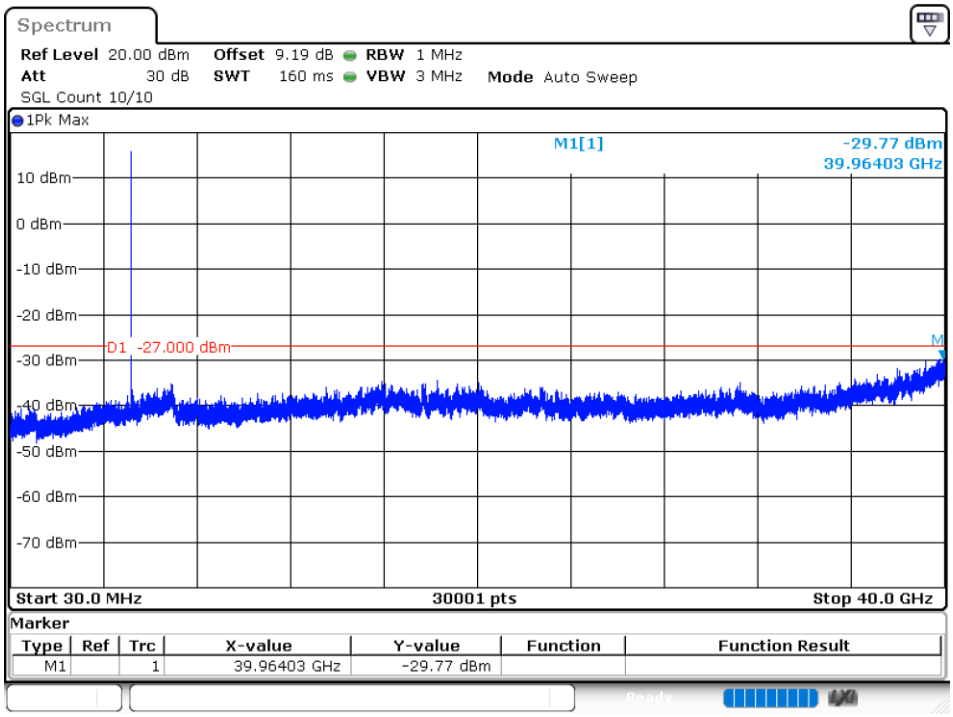
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



Tx. Spurious NVNT ac20 5180MHz Ant2 Emission



Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



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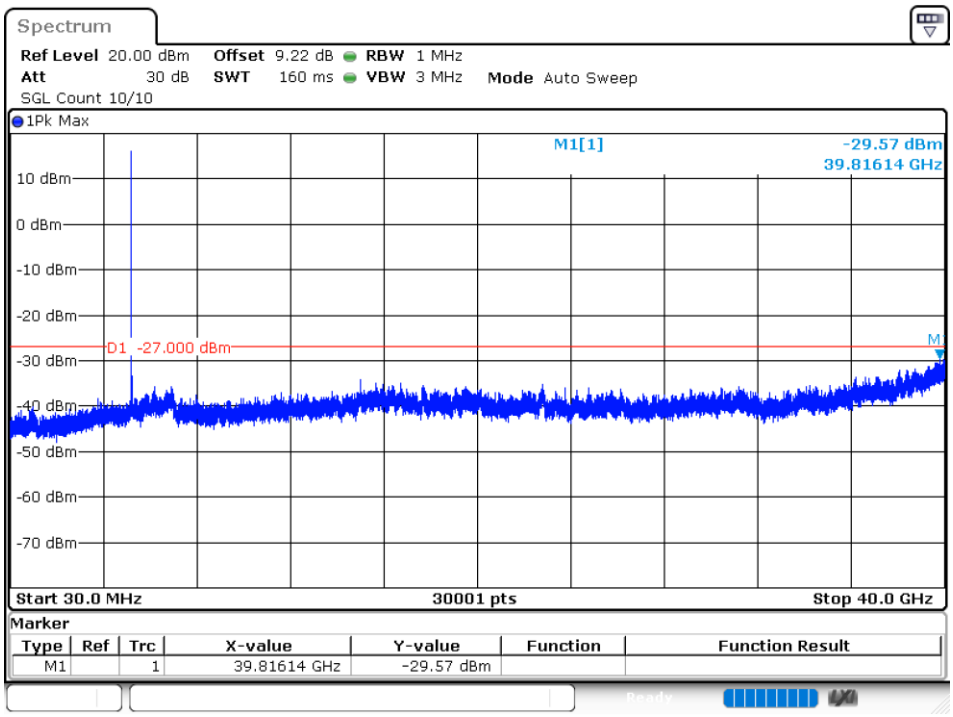
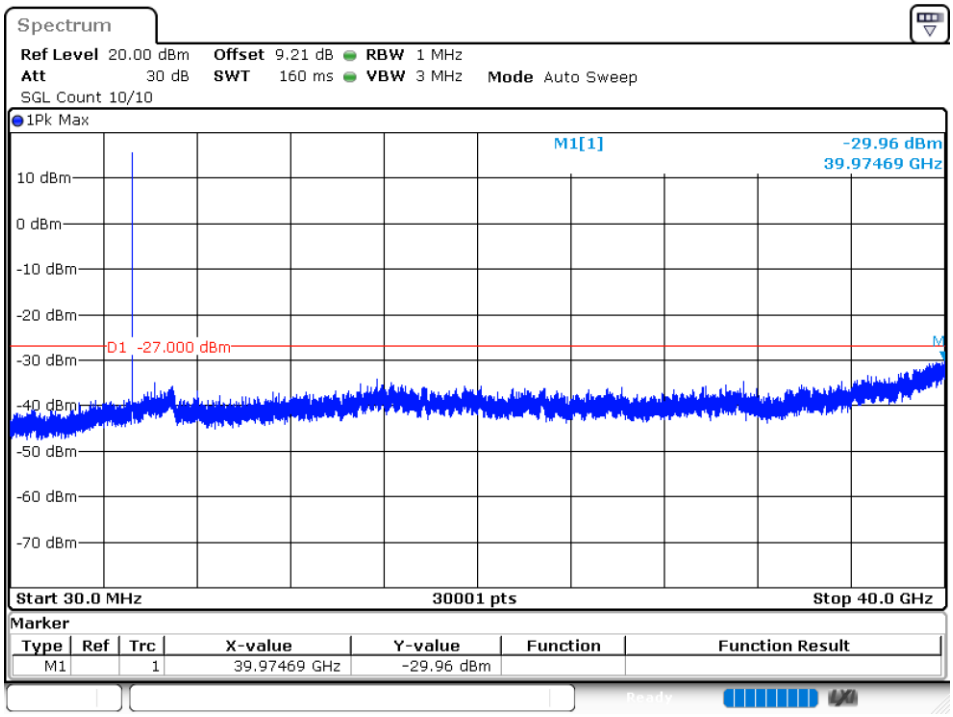


Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



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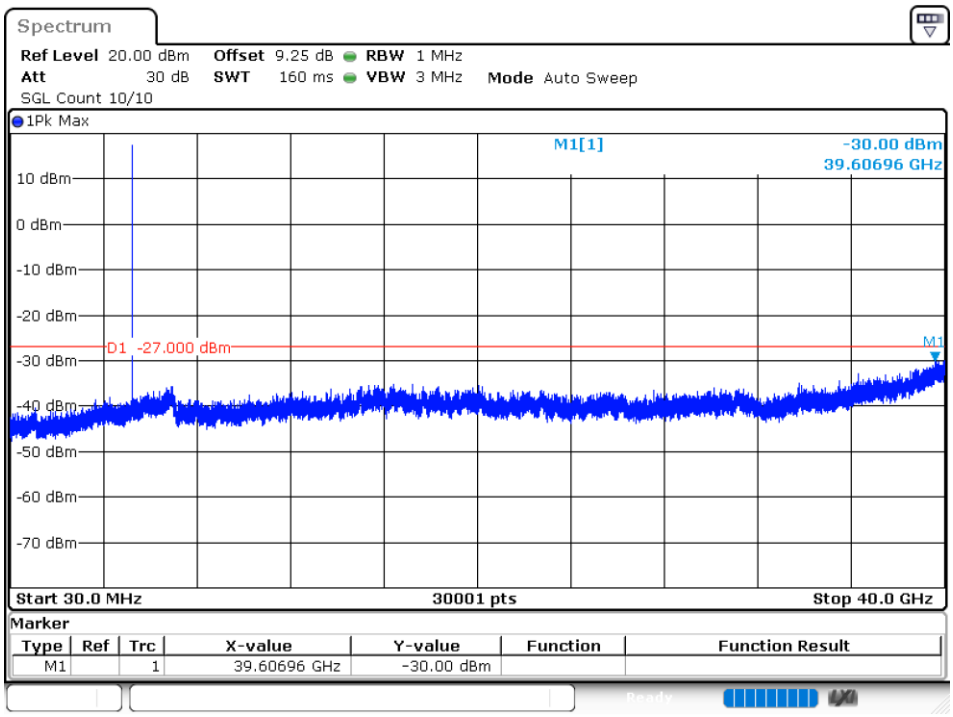
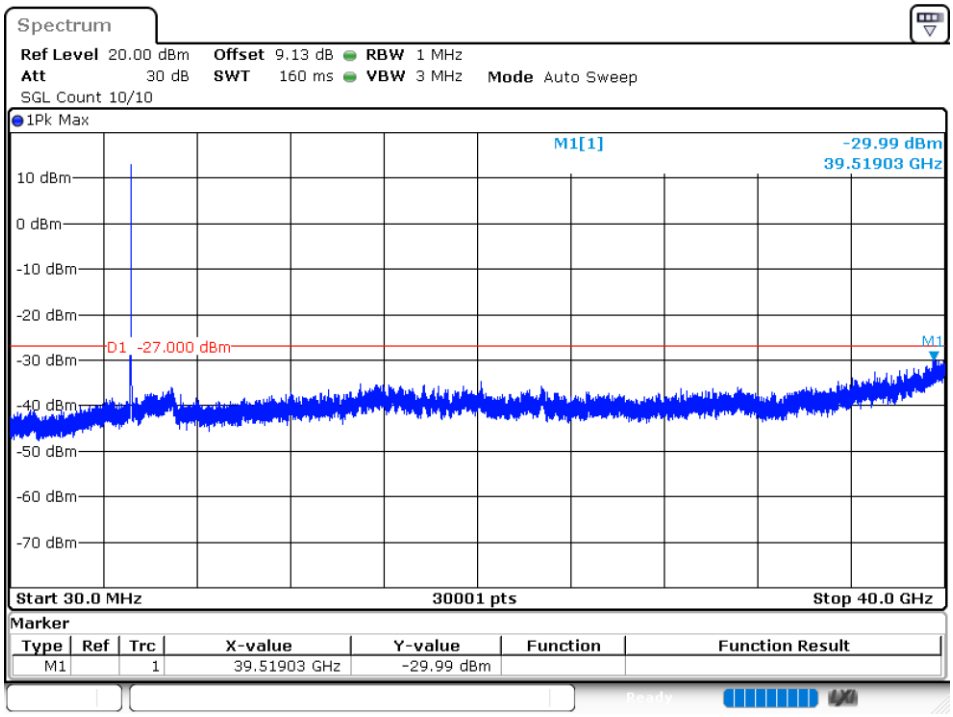
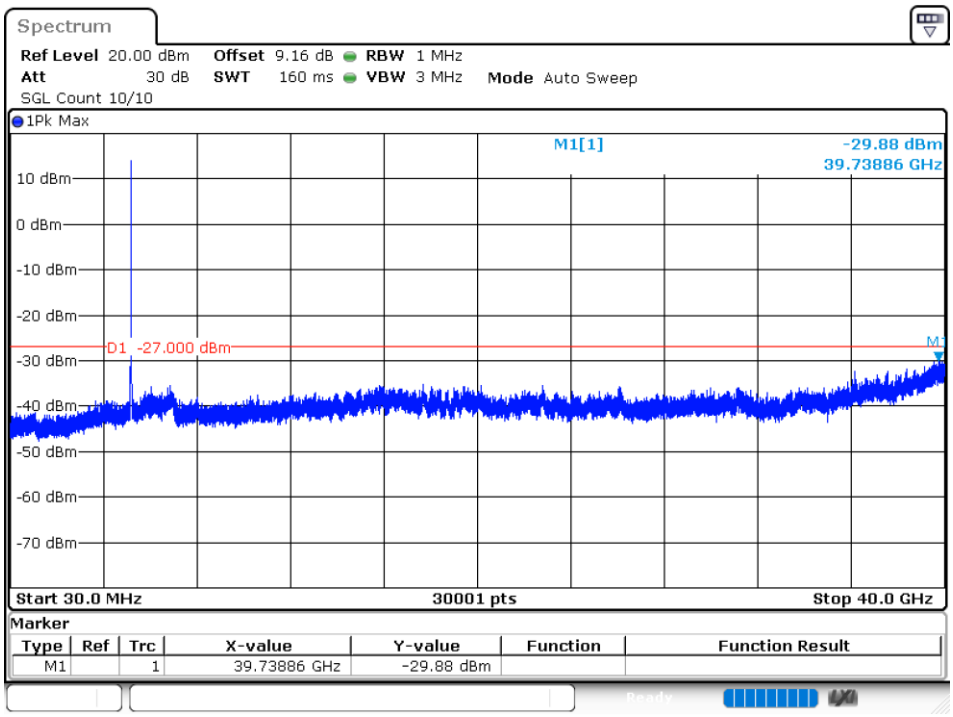


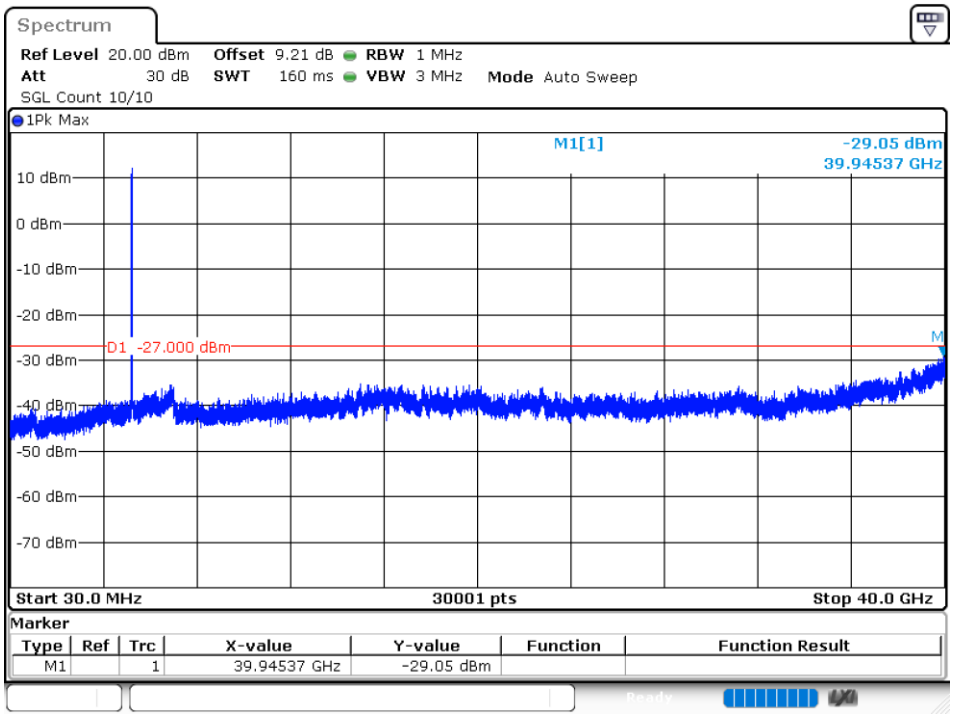
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



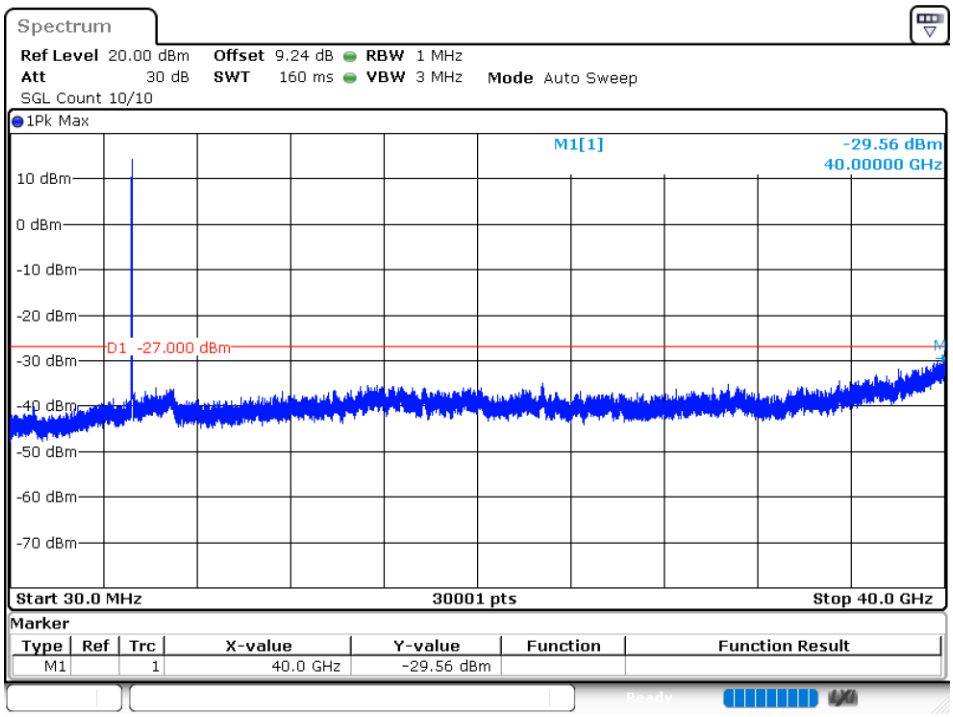
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



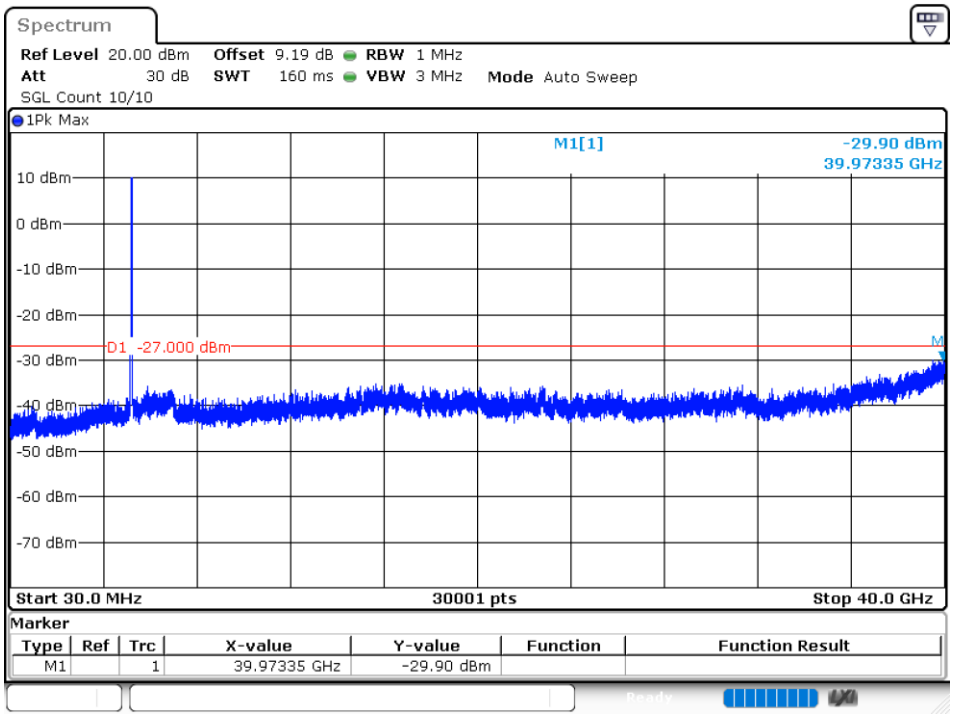
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



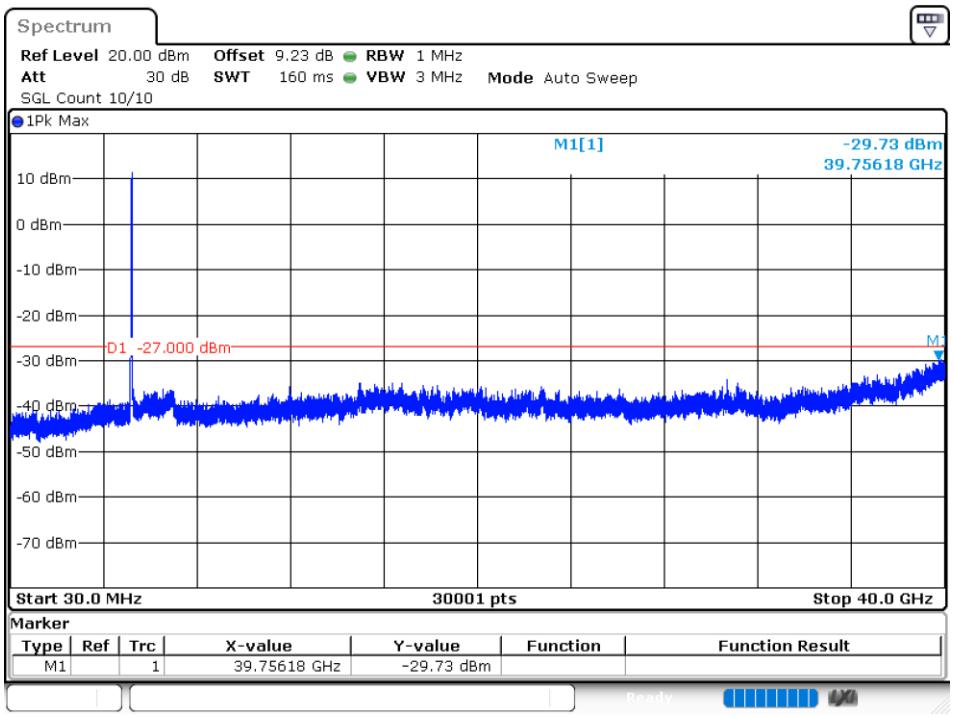
Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



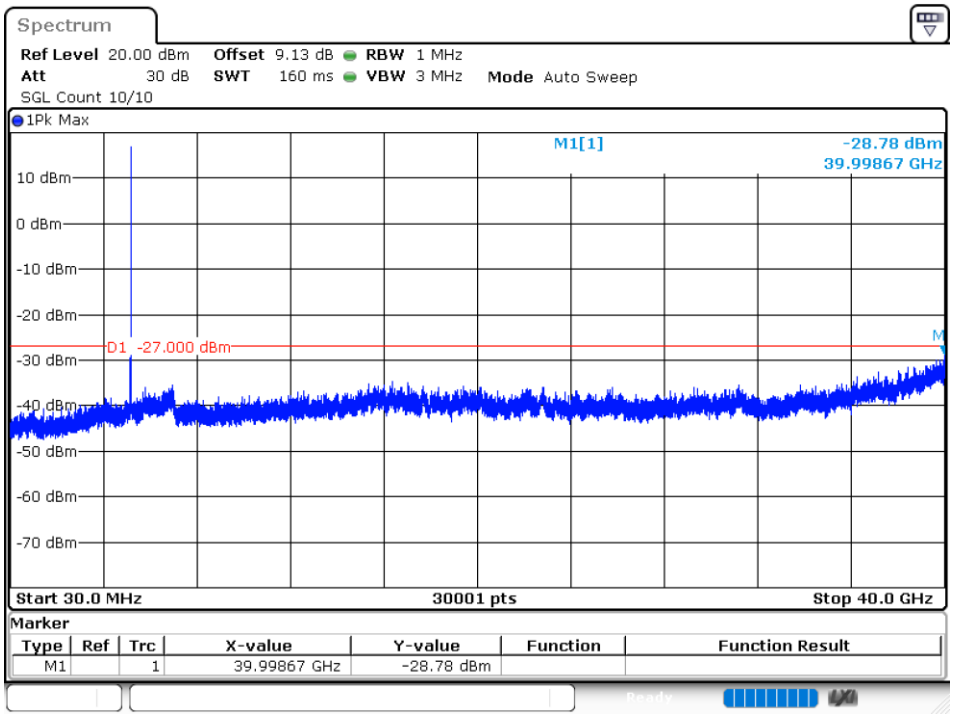
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



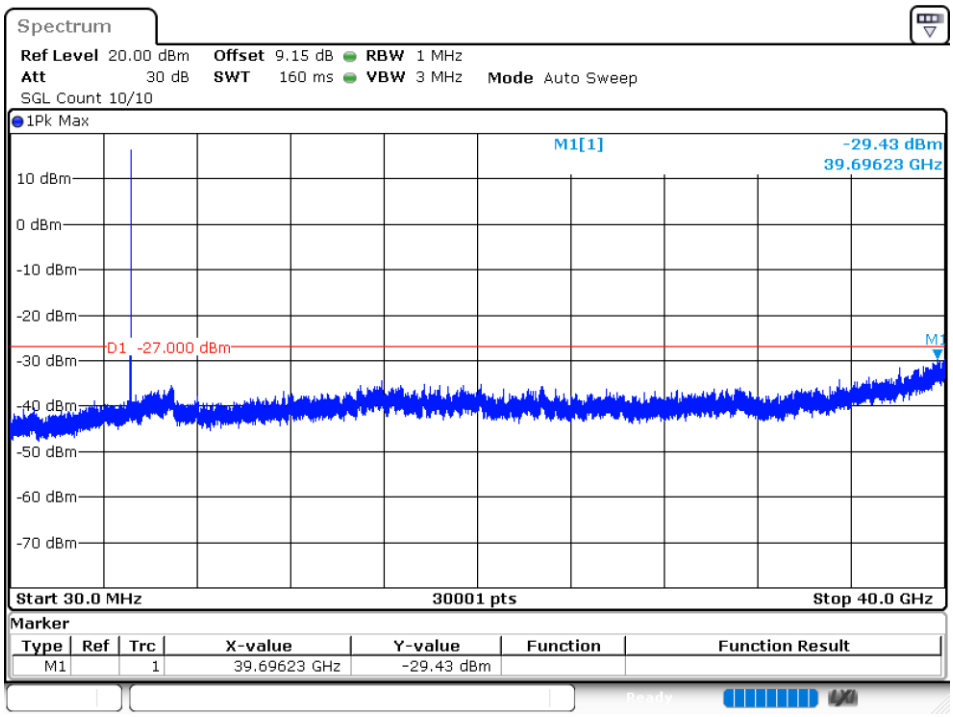
Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



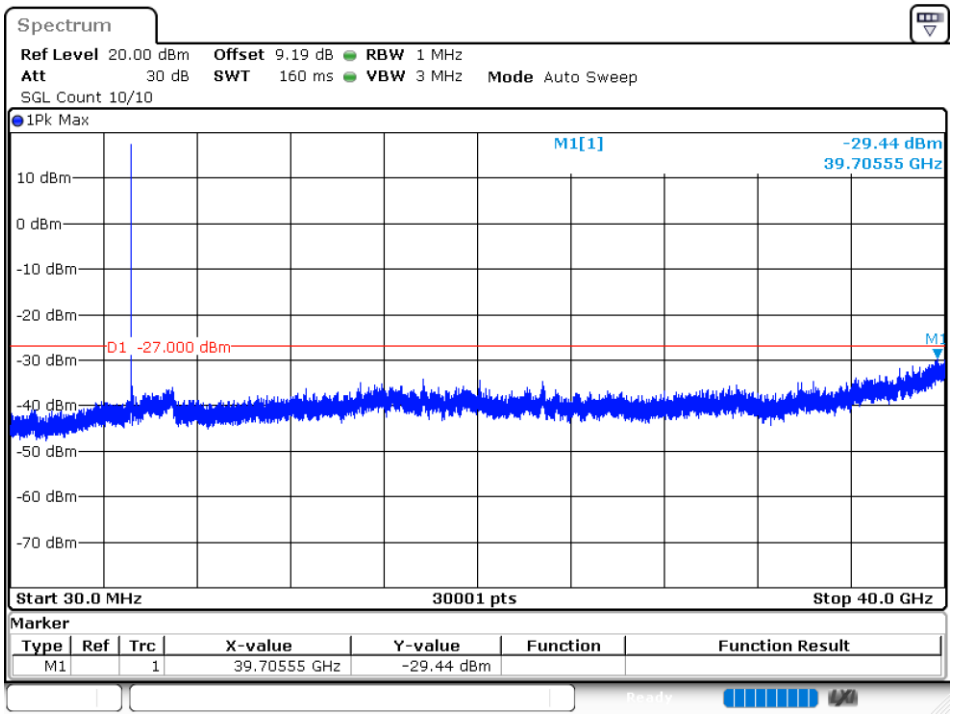
Tx. Spurious NVNT ax20 5180MHz Ant1 Emission



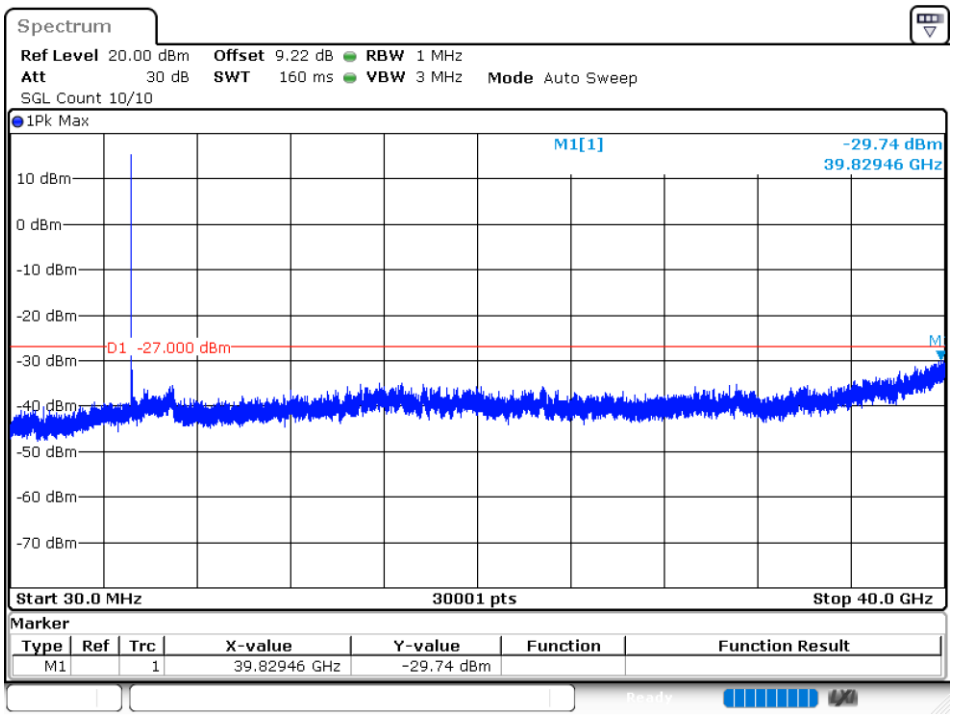
Tx. Spurious NVNT ax20 5180MHz Ant2 Emission



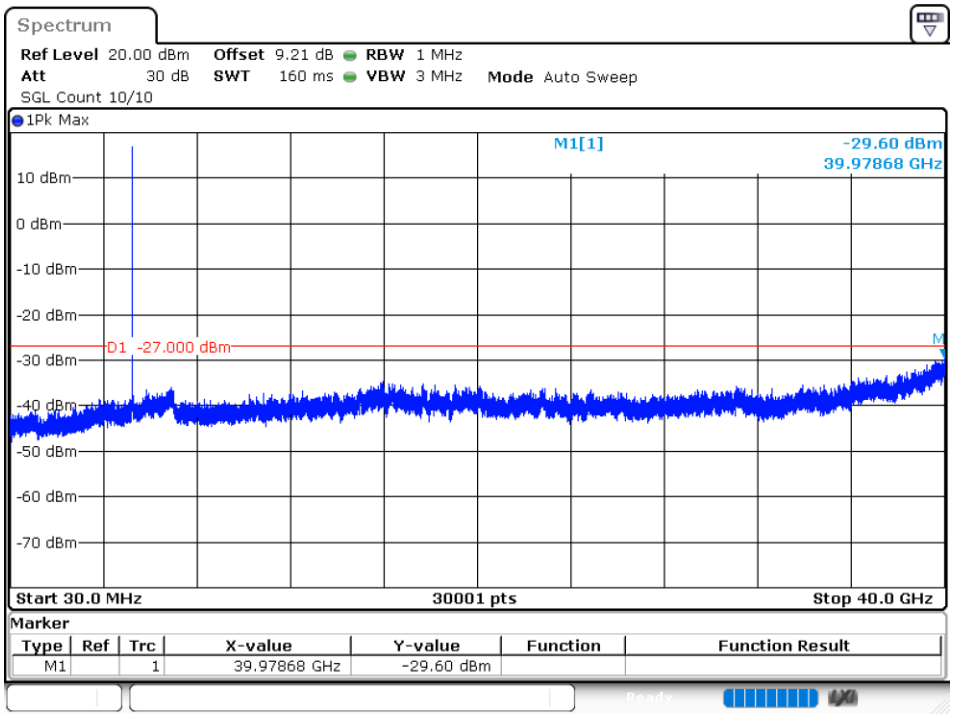
Tx. Spurious NVNT ax20 5200MHz Ant1 Emission



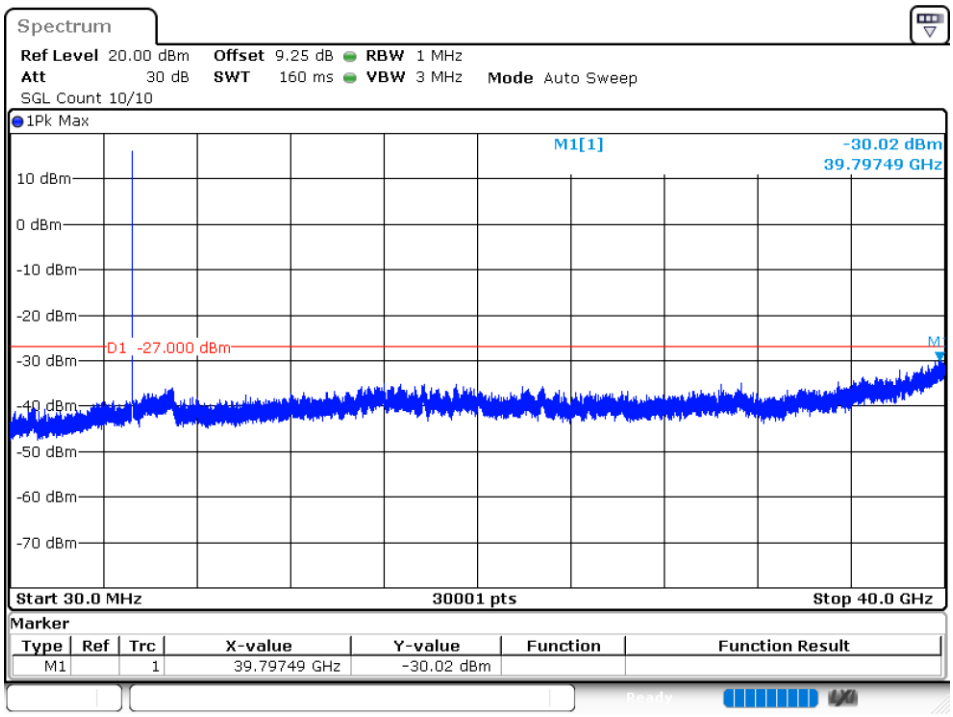
Tx. Spurious NVNT ax20 5200MHz Ant2 Emission



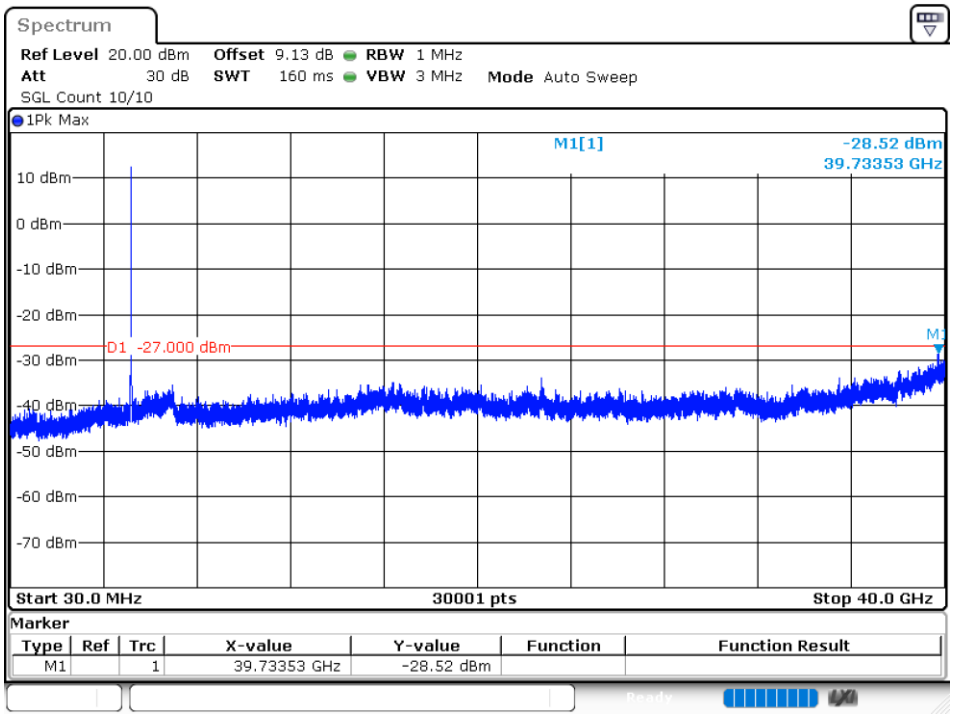
Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



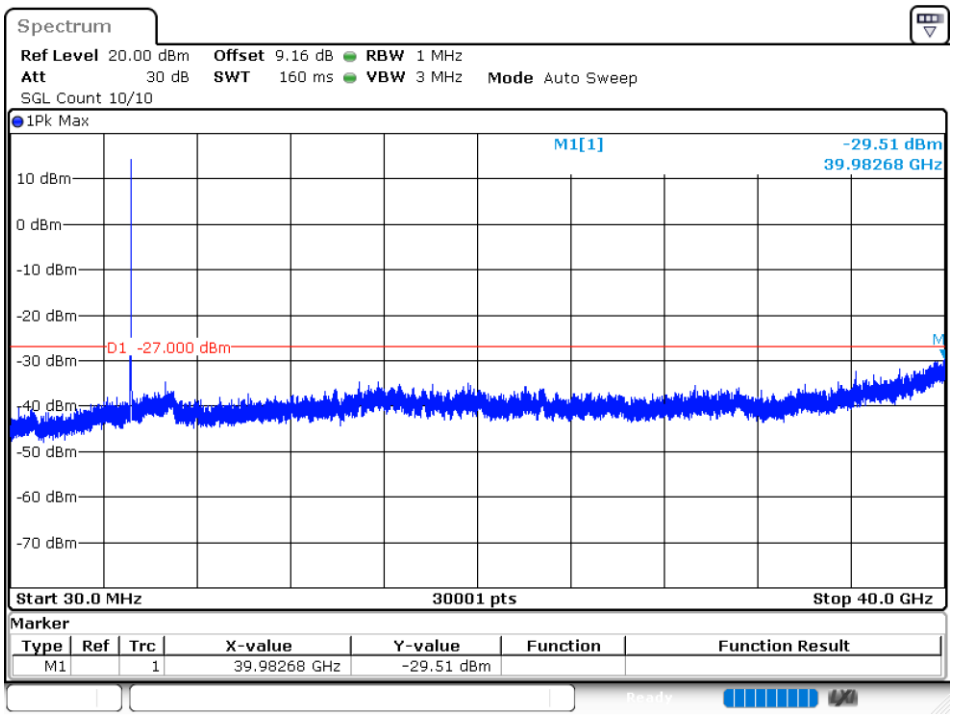
Tx. Spurious NVNT ax20 5240MHz Ant2 Emission



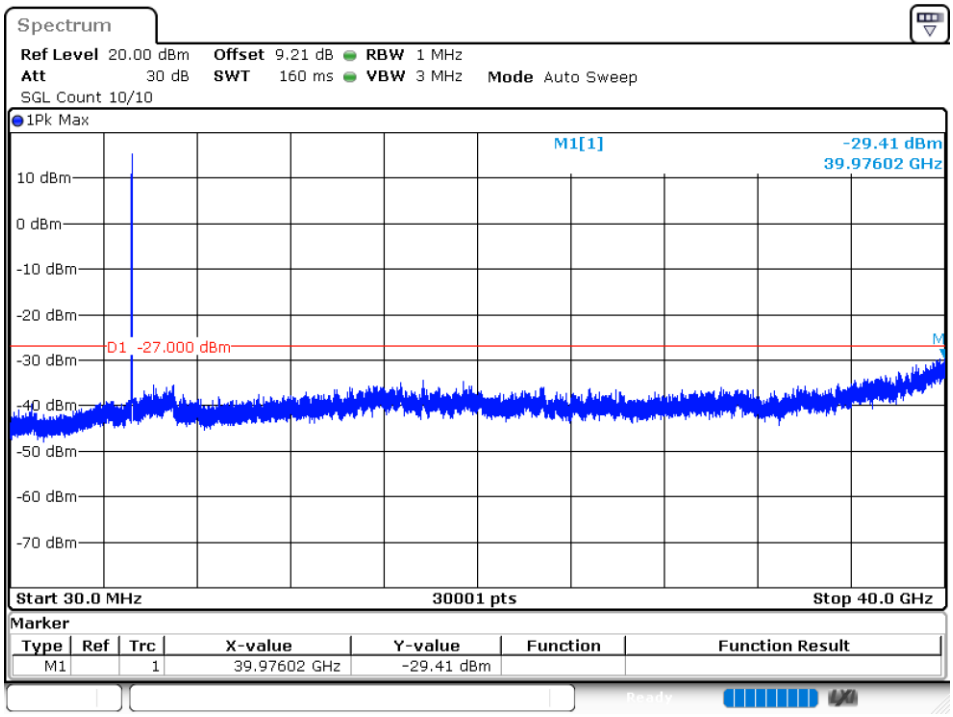
Tx. Spurious NVNT ax40 5190MHz Ant1 Emission



Tx. Spurious NVNT ax40 5190MHz Ant2 Emission



Tx. Spurious NVNT ax40 5230MHz Ant1 Emission



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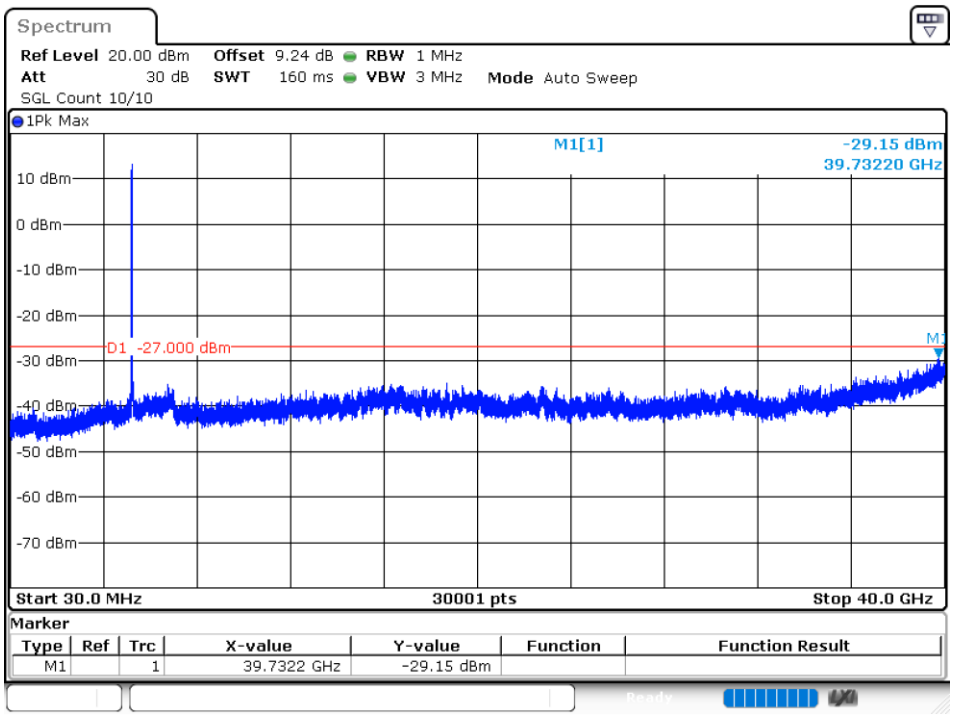

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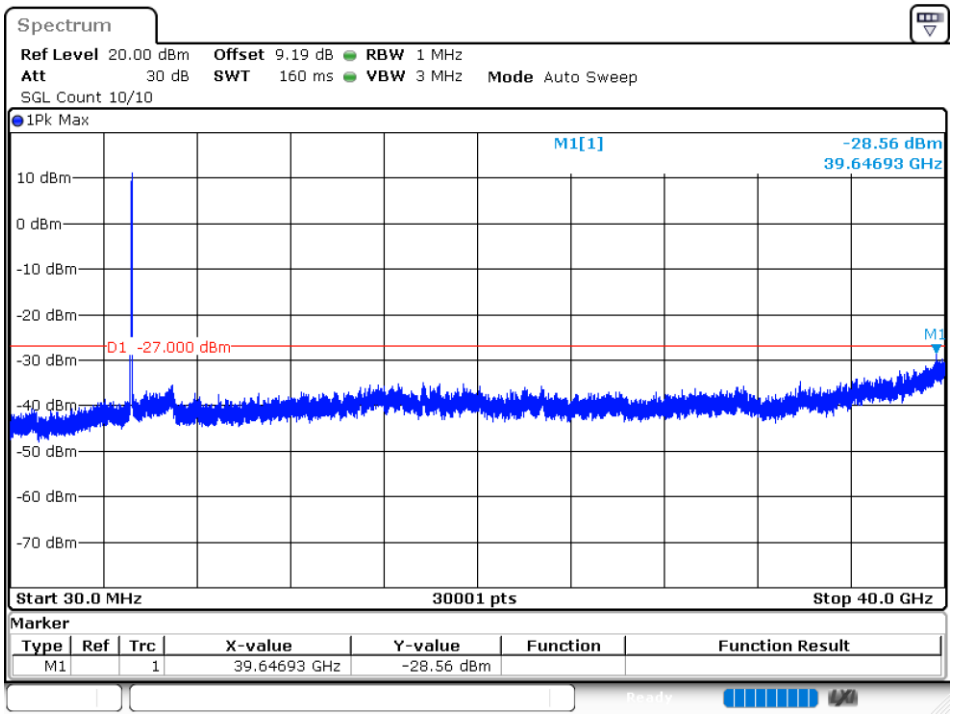
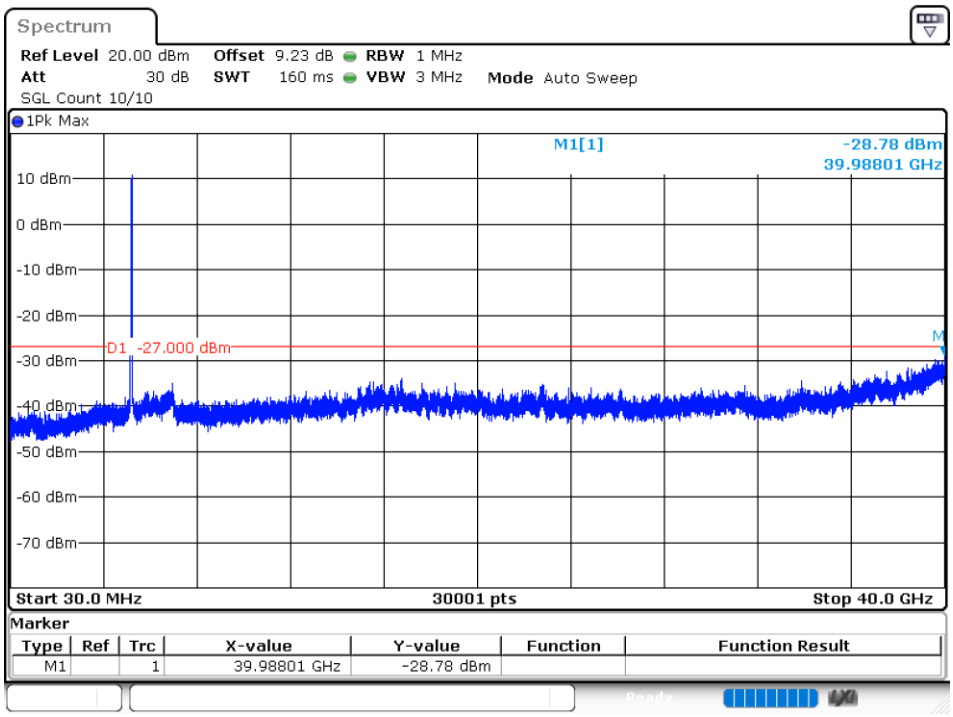
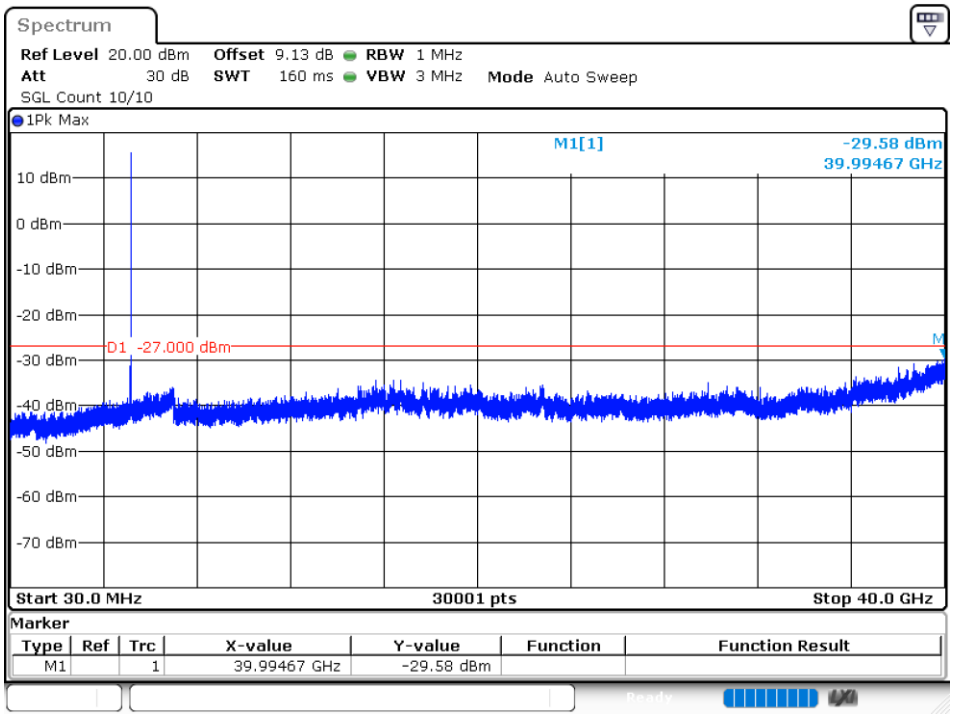


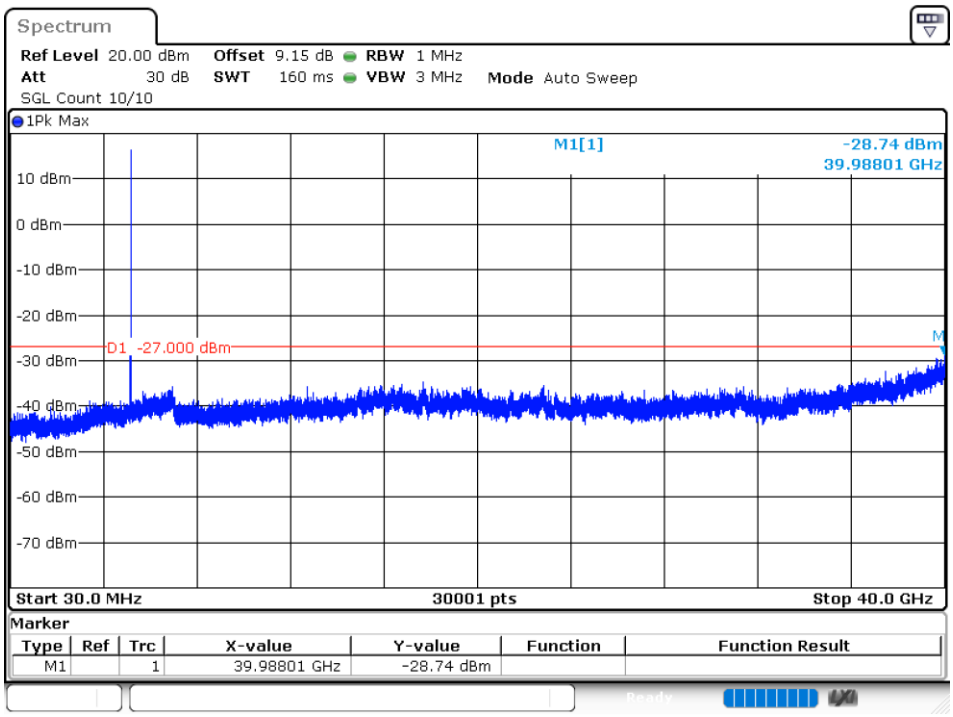
Tx. Spurious NVNT ax80 5210MHz Ant2 Emission



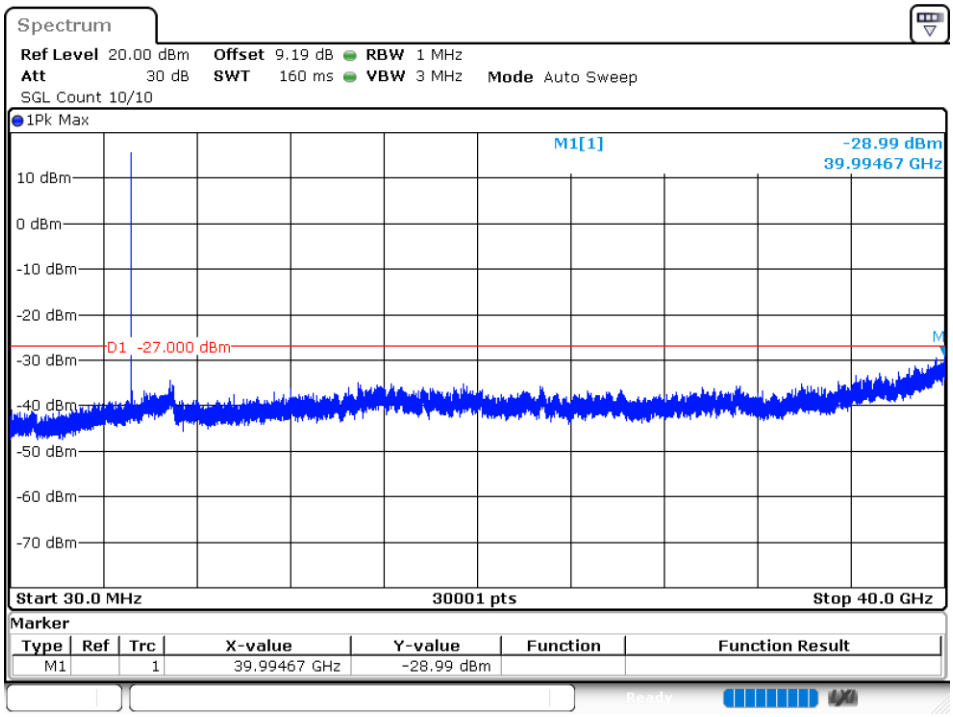
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



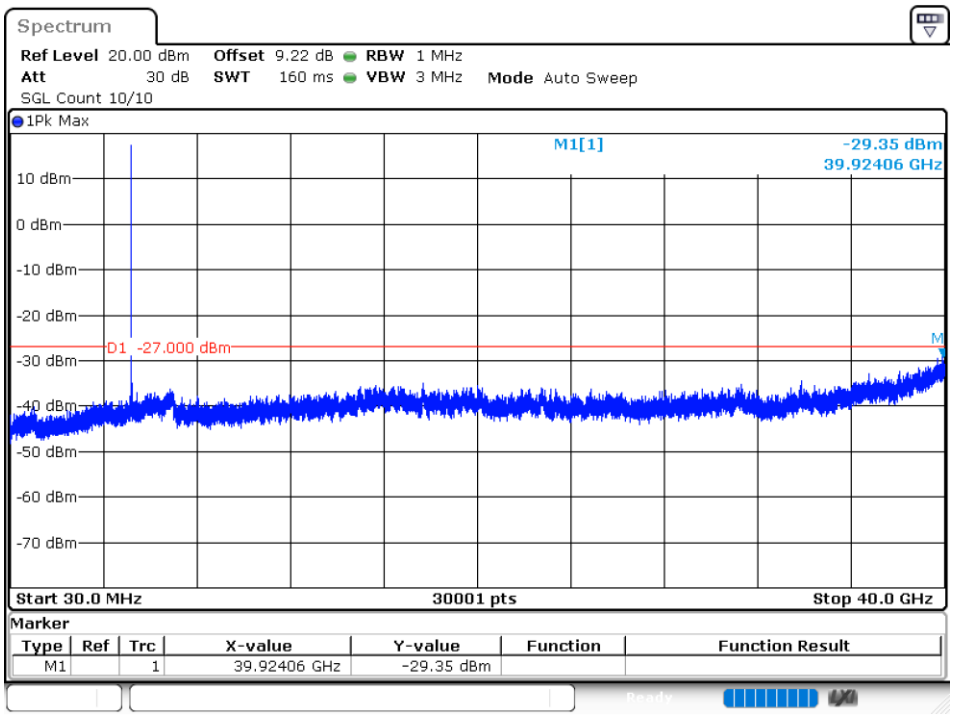
Tx. Spurious NVNT n20 5180MHz Ant2 Emission



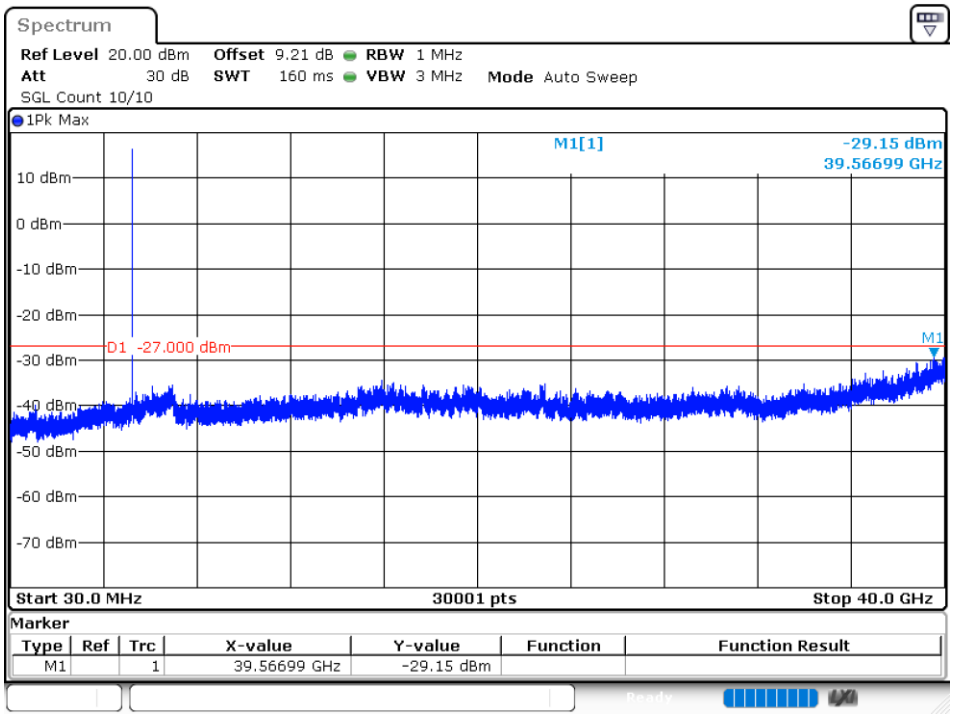
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



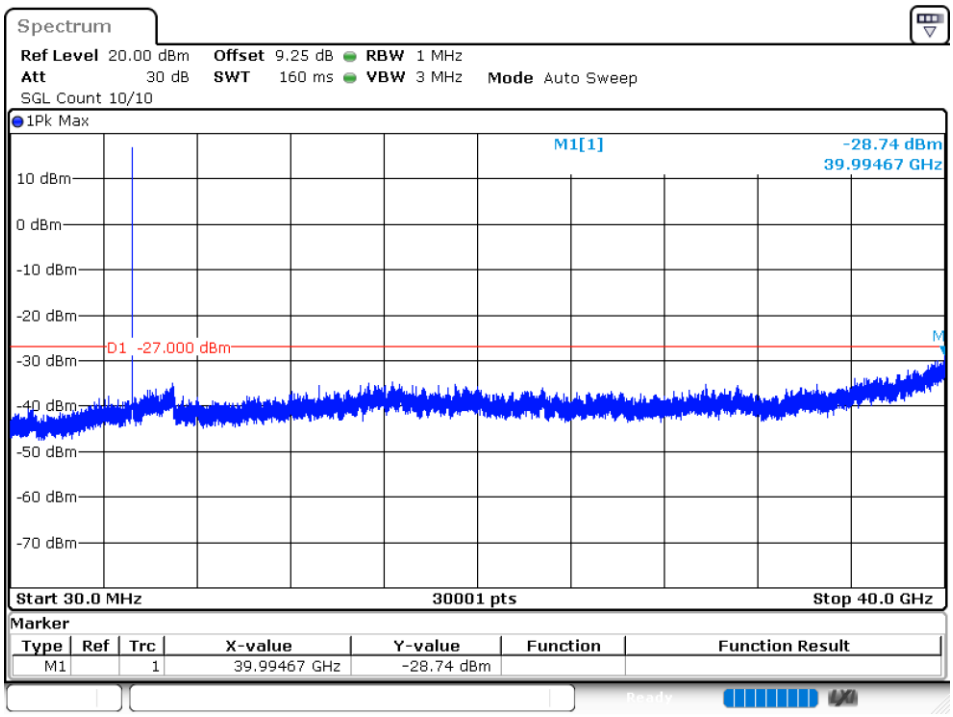
Tx. Spurious NVNT n20 5200MHz Ant2 Emission



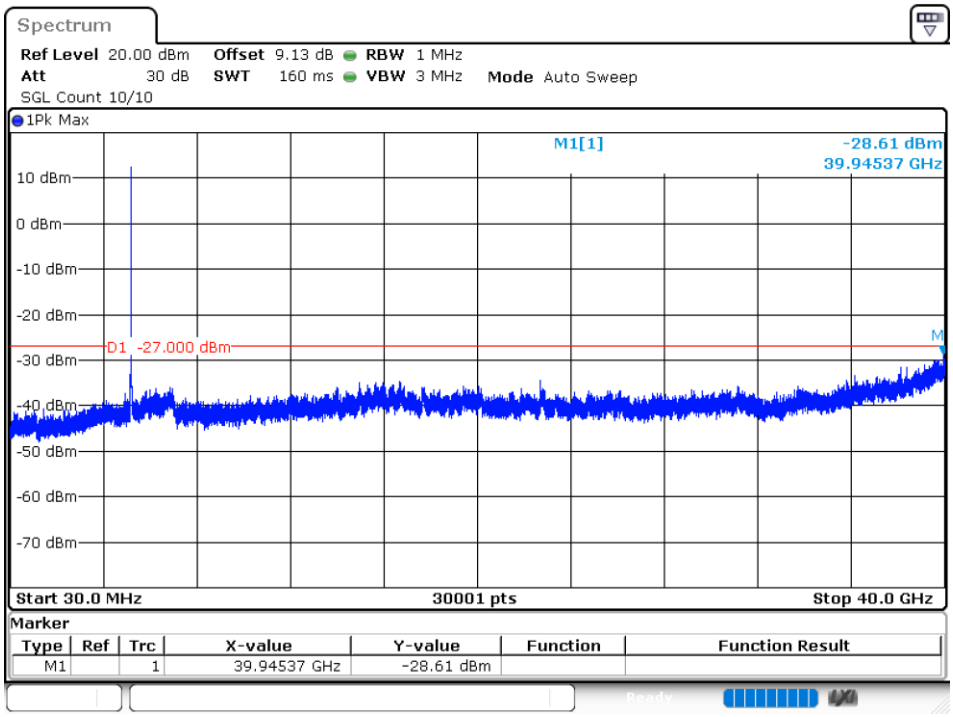
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



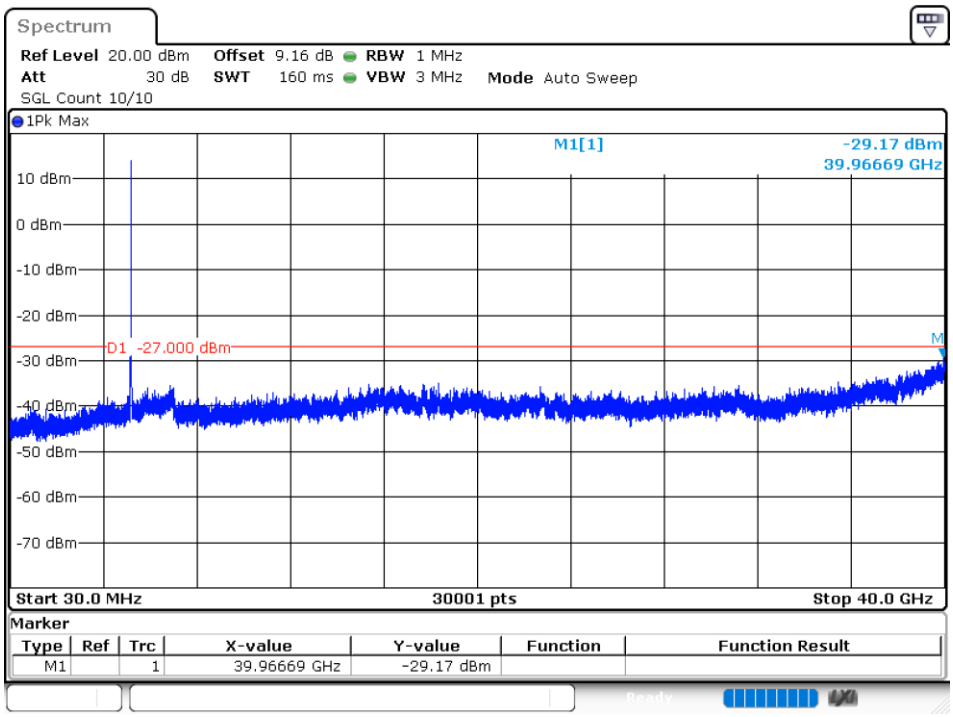
Tx. Spurious NVNT n20 5240MHz Ant2 Emission



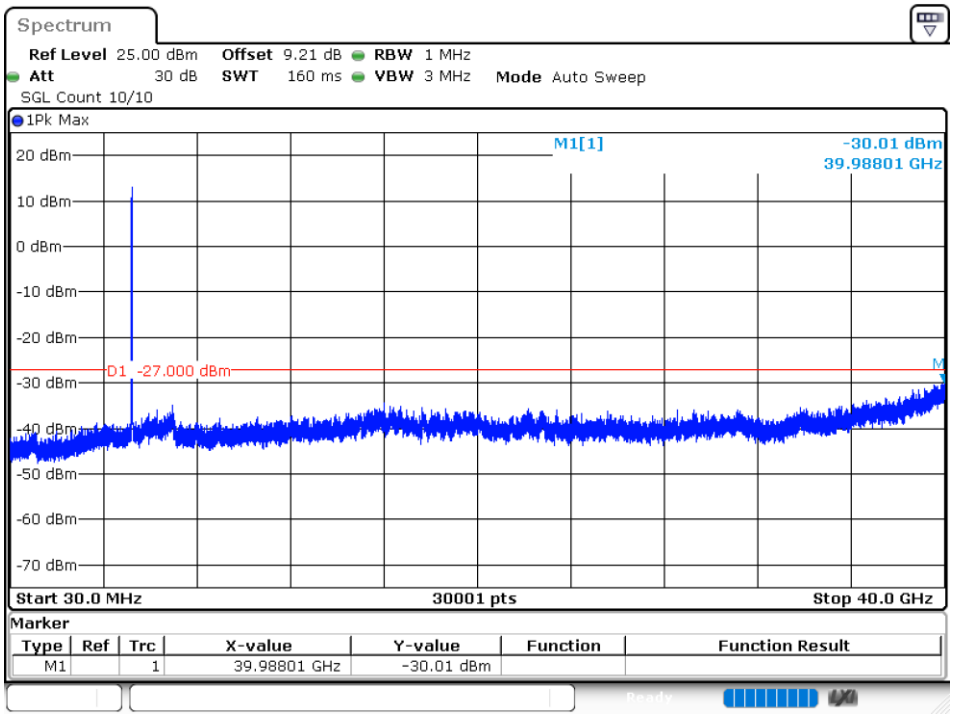
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



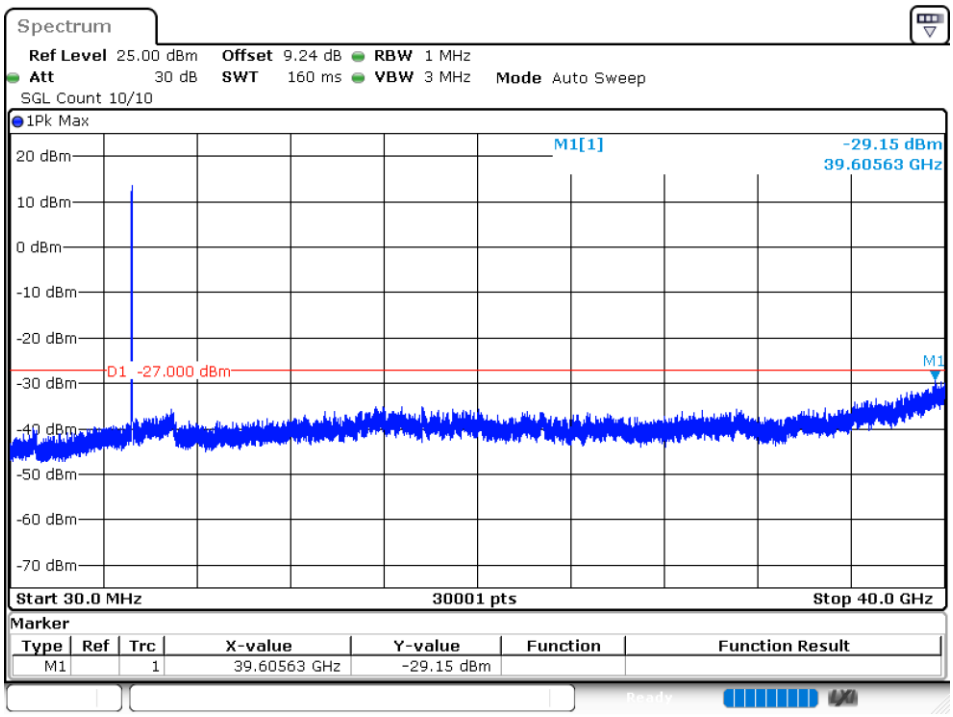
Tx. Spurious NVNT n40 5190MHz Ant2 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant2 Emission



5.8G WIFI

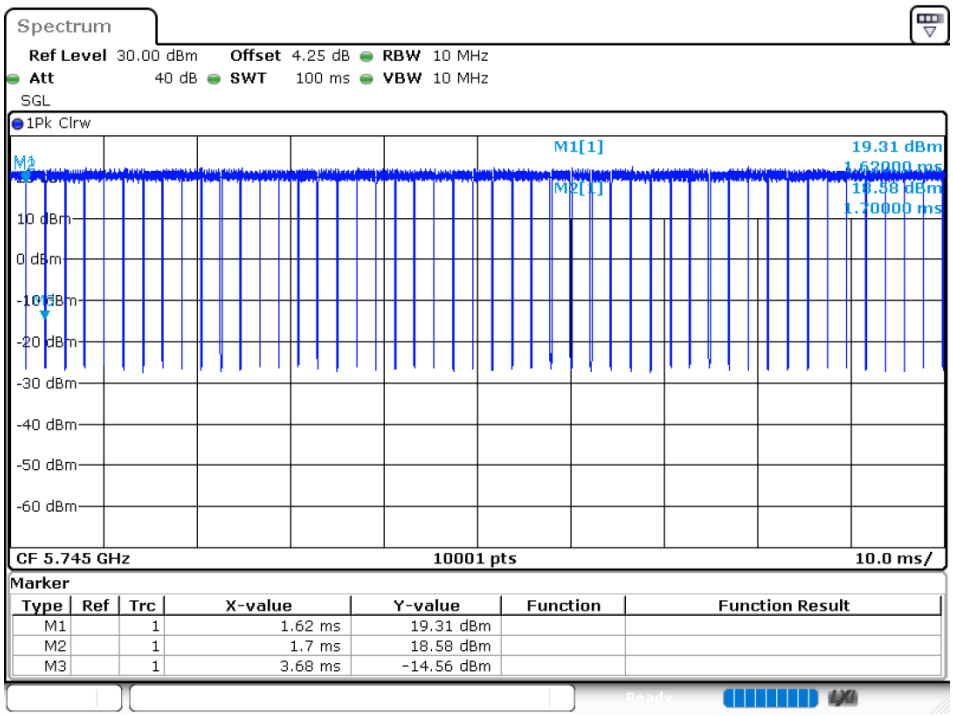
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	95.12	0.22	0.51
NVNT	a	5785	Ant1	94.86	0.23	0.51
NVNT	a	5825	Ant1	94.63	0.24	0.51
NVNT	a	5745	Ant2	94.69	0.24	0.51
NVNT	a	5785	Ant2	95.3	0.21	0.51
NVNT	a	5825	Ant2	94.63	0.24	0.51
NVNT	n20	5745	Ant1	91.27	0.4	0.18
NVNT	n20	5785	Ant1	90.56	0.43	0.18
NVNT	n20	5825	Ant1	91.63	0.38	0.18
NVNT	n20	5745	Ant2	91.54	0.38	0.18
NVNT	n20	5785	Ant2	91.69	0.38	0.18
NVNT	n20	5825	Ant2	91.48	0.39	0.18
NVNT	n40	5755	Ant1	91.7	0.38	0.18
NVNT	n40	5795	Ant1	92.46	0.34	0.18
NVNT	n40	5755	Ant2	92.7	0.33	0.18
NVNT	n40	5795	Ant2	93.04	0.31	0.18
NVNT	ac20	5745	Ant1	93.54	0.29	0.18
NVNT	ac20	5785	Ant1	91.69	0.38	0.18
NVNT	ac20	5825	Ant1	92.31	0.35	0.18
NVNT	ac20	5745	Ant2	91.38	0.39	0.18
NVNT	ac20	5785	Ant2	92.48	0.34	0.18
NVNT	ac20	5825	Ant2	91.89	0.37	0.18
NVNT	ac40	5755	Ant1	92.73	0.33	0.18
NVNT	ac40	5795	Ant1	92.99	0.32	0.18
NVNT	ac40	5755	Ant2	92.88	0.32	0.18
NVNT	ac40	5795	Ant2	93.64	0.29	0.18
NVNT	ac80	5775	Ant1	92.68	0.33	0.18
NVNT	ac80	5775	Ant2	93.38	0.3	0.18
NVNT	ax20	5745	Ant1	95.05	0.22	0.18
NVNT	ax20	5785	Ant1	95.33	0.21	0.18
NVNT	ax20	5825	Ant1	95.61	0.19	0.18

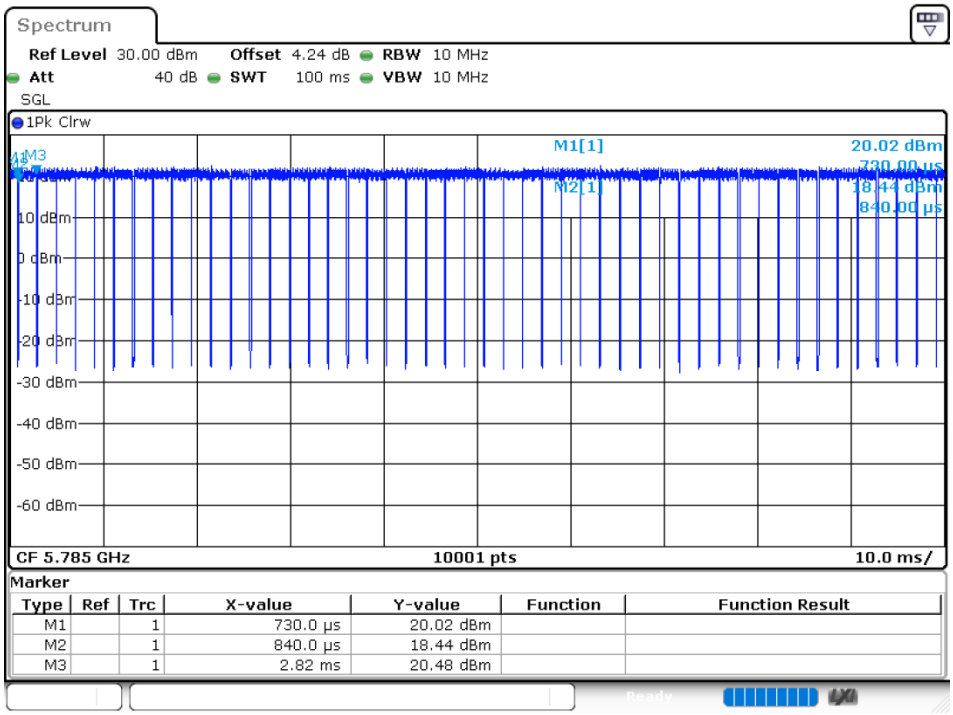
NVNT	ax20	5745	Ant2	94.6	0.24	0.18
NVNT	ax20	5785	Ant2	95.58	0.2	0.18
NVNT	ax20	5825	Ant2	94.31	0.25	0.18
NVNT	ax40	5755	Ant1	94.35	0.25	0.18
NVNT	ax40	5795	Ant1	95.35	0.21	0.18
NVNT	ax40	5755	Ant2	96.68	0.15	100
NVNT	ax40	5795	Ant2	95.07	0.22	0.18
NVNT	ax80	5775	Ant1	94.98	0.22	0.18
NVNT	ax80	5775	Ant2	94.66	0.24	0.18

Test Graphs

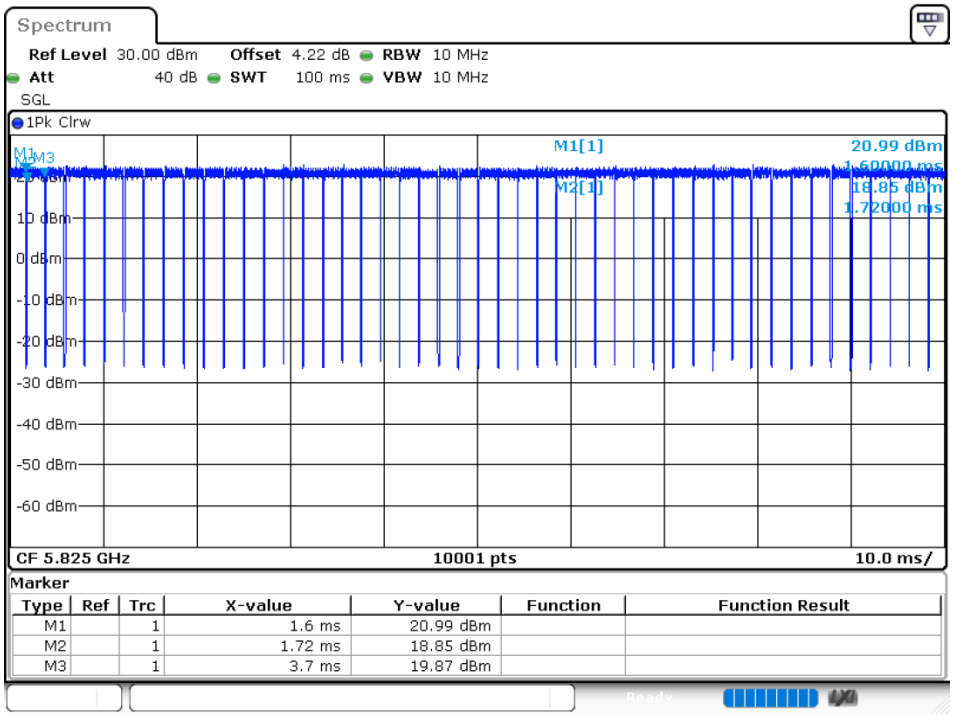
Duty Cycle NVNT a 5745MHz Ant1



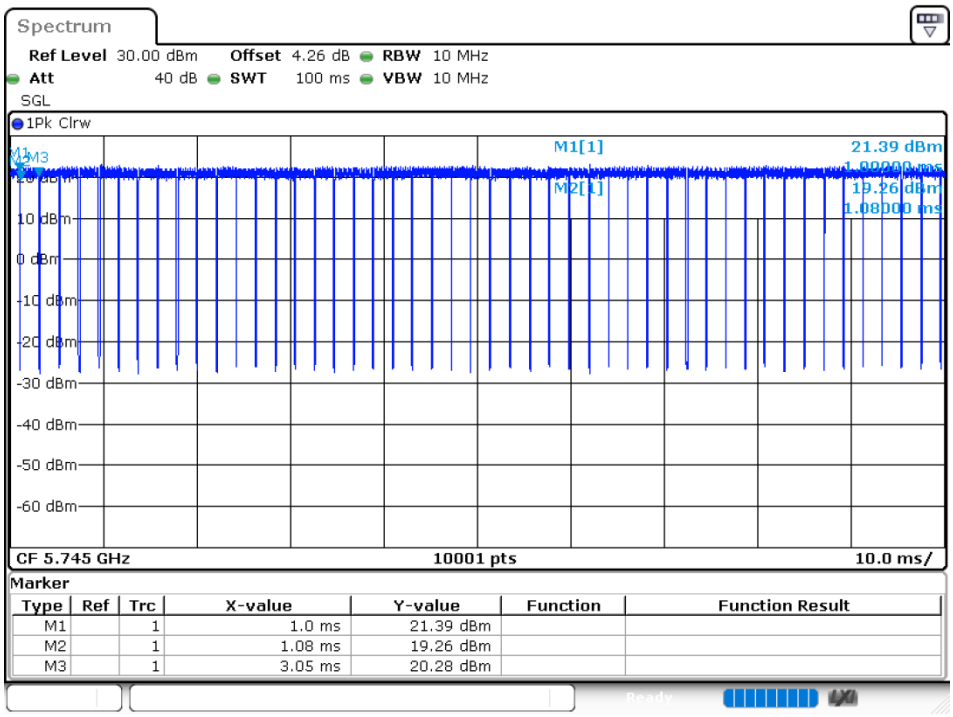
Duty Cycle NVNT a 5785MHz Ant1



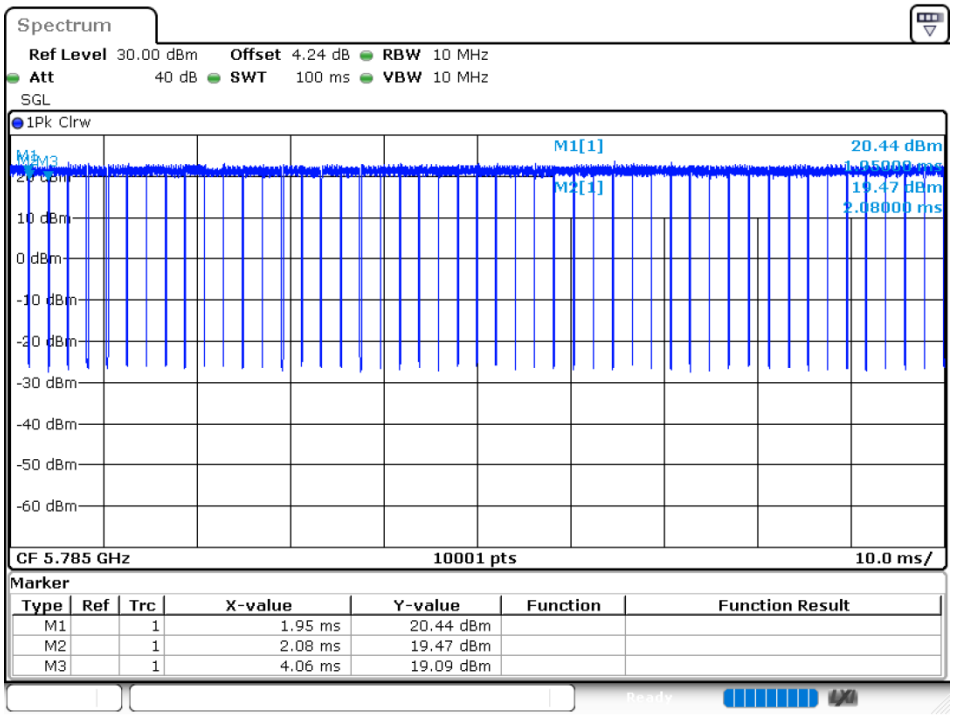
Duty Cycle NVNT a 5825MHz Ant1



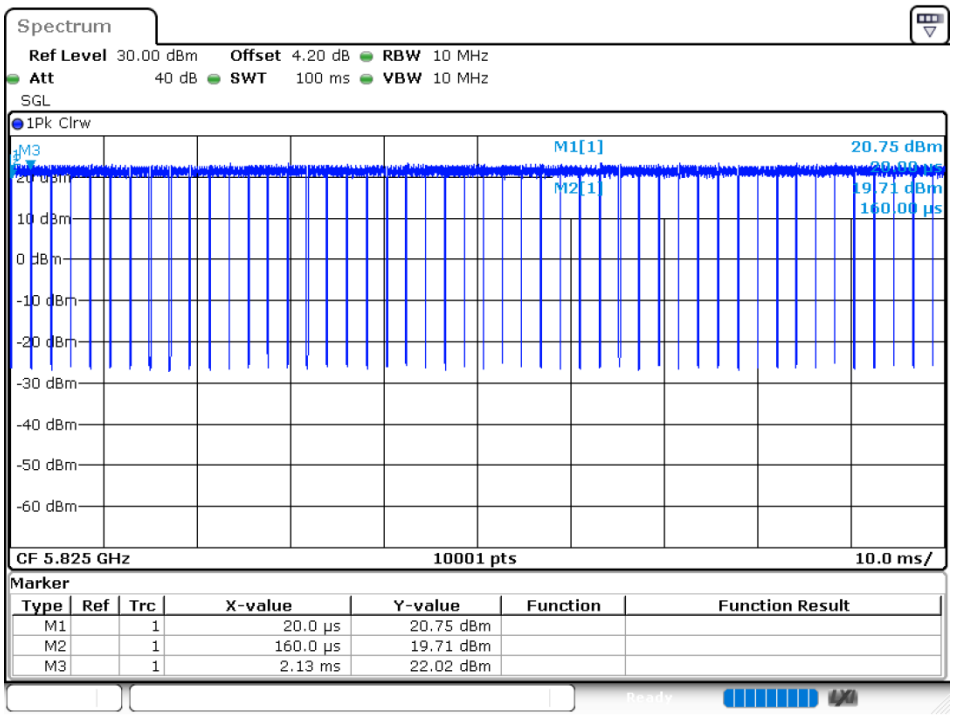
Duty Cycle NVNT a 5745MHz Ant2



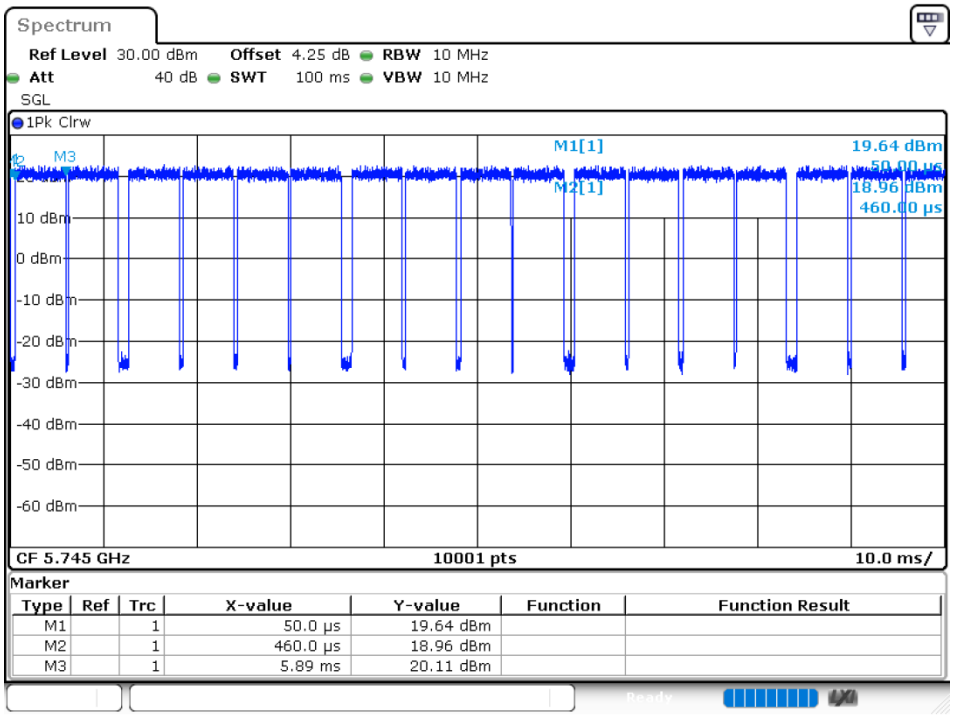
Duty Cycle NVNT a 5785MHz Ant2



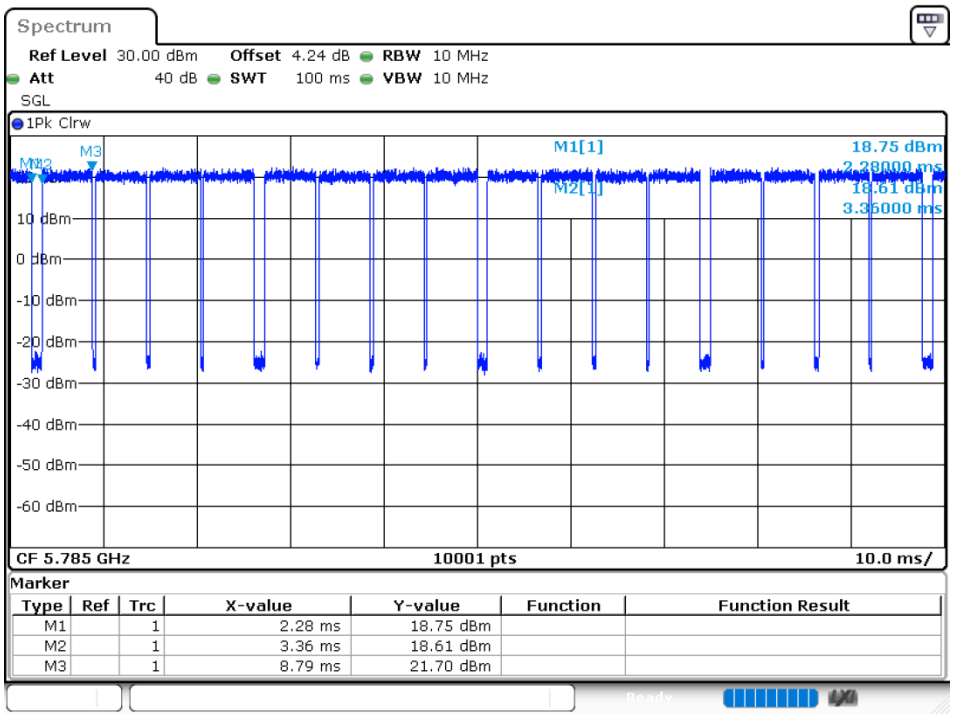
Duty Cycle NVNT a 5825MHz Ant2



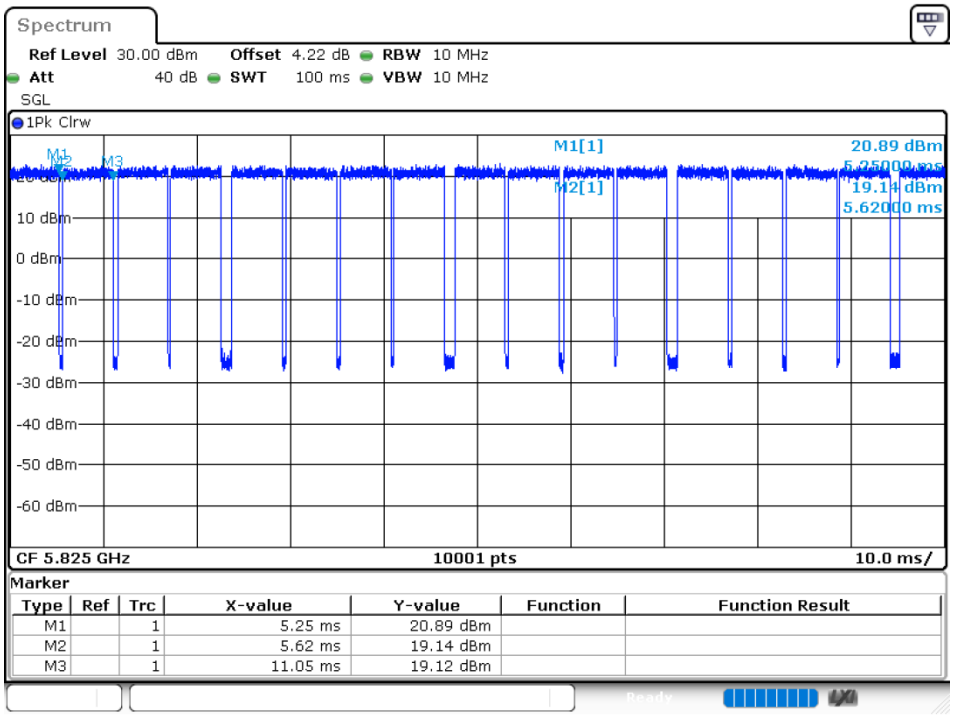
Duty Cycle NVNT n20 5745MHz Ant1



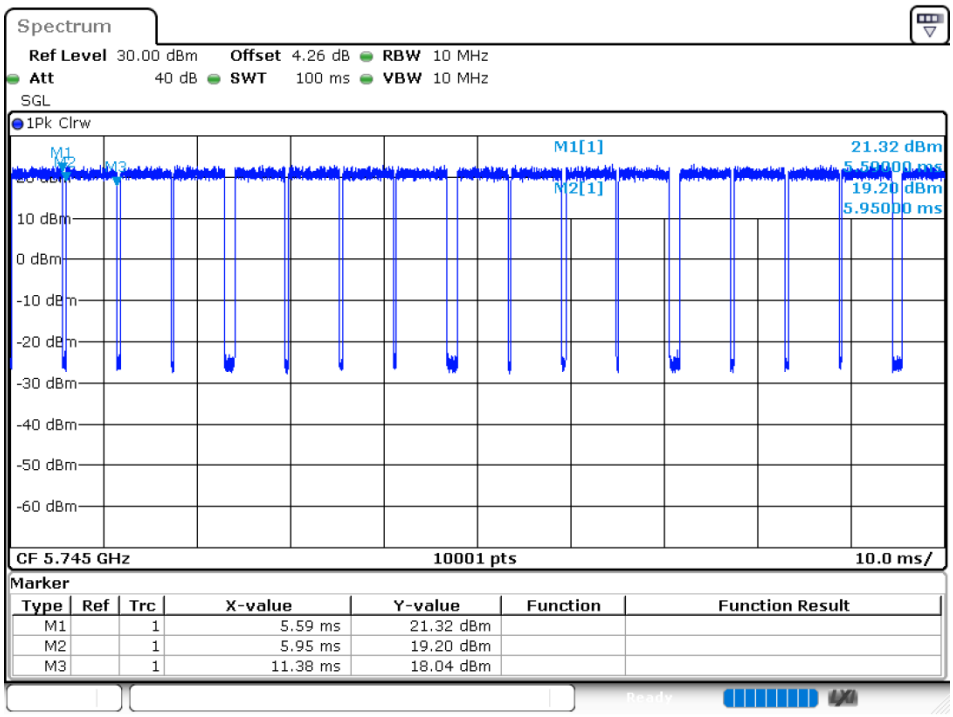
Duty Cycle NVNT n20 5785MHz Ant1



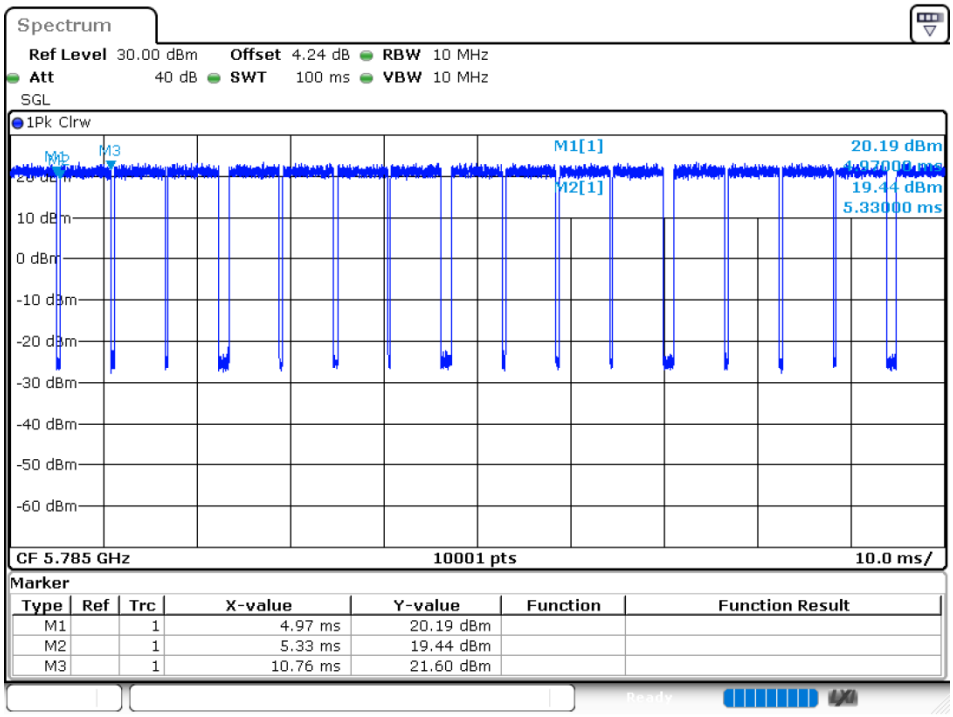
Duty Cycle NVNT n20 5825MHz Ant1



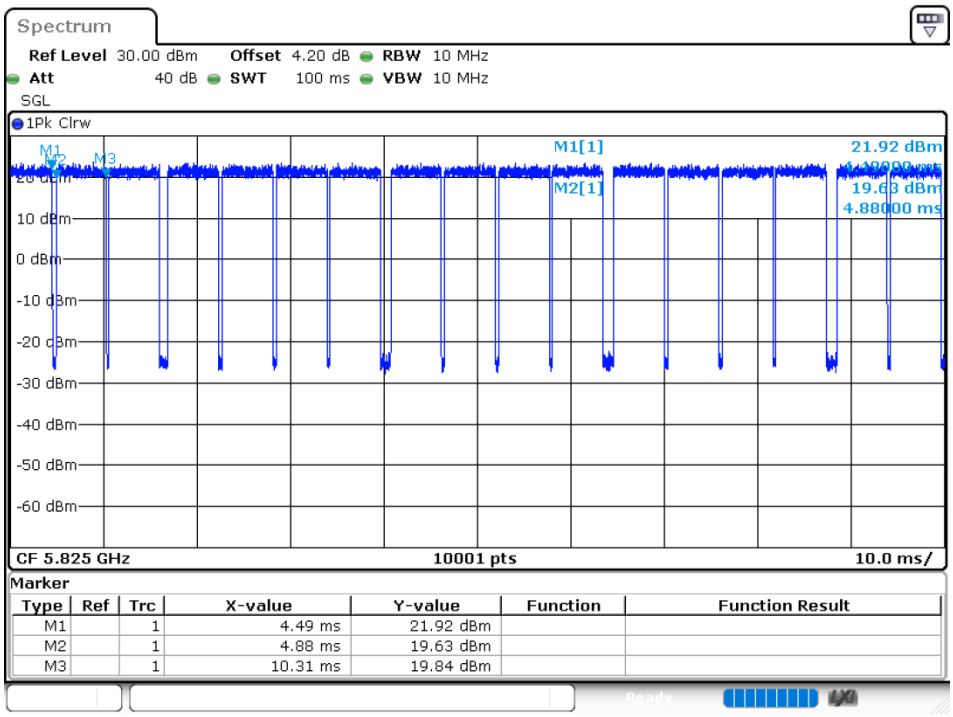
Duty Cycle NVNT n20 5745MHz Ant2



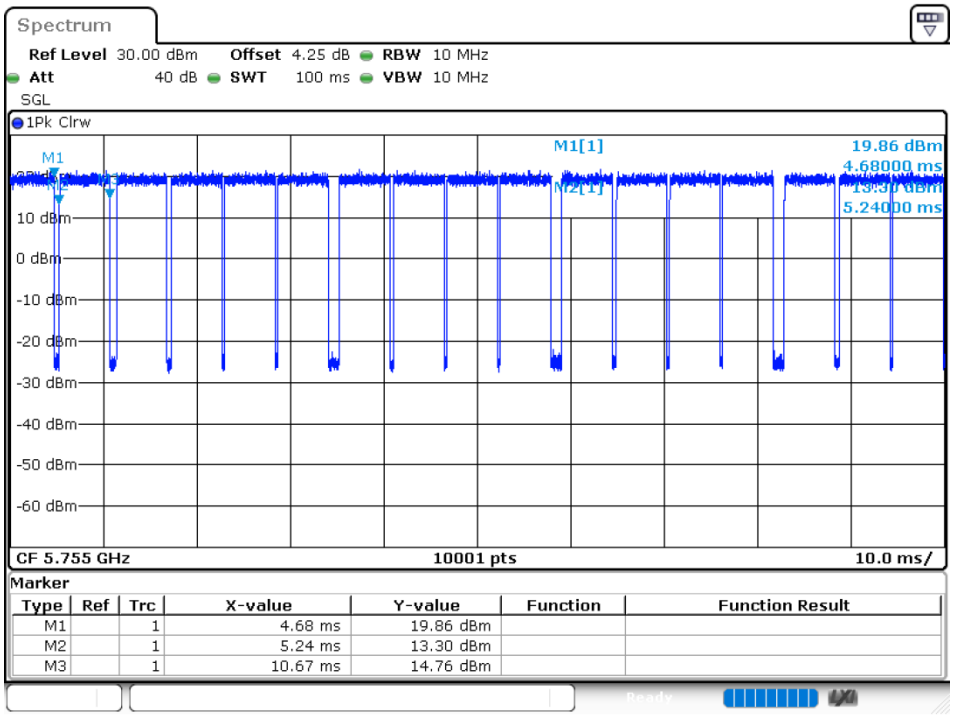
Duty Cycle NVNT n20 5785MHz Ant2



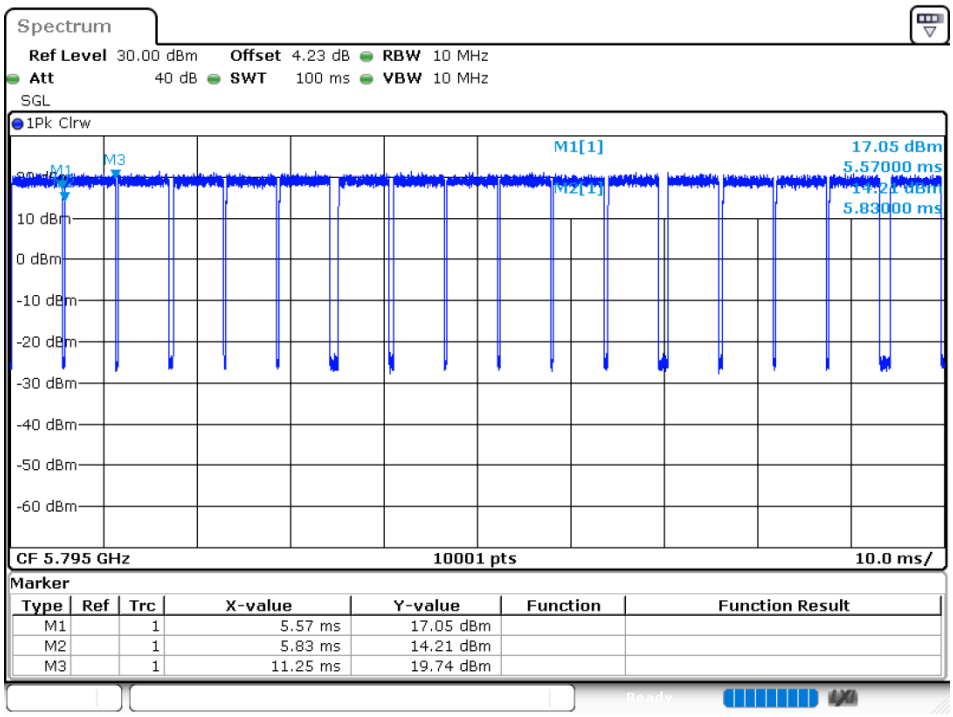
Duty Cycle NVNT n20 5825MHz Ant2



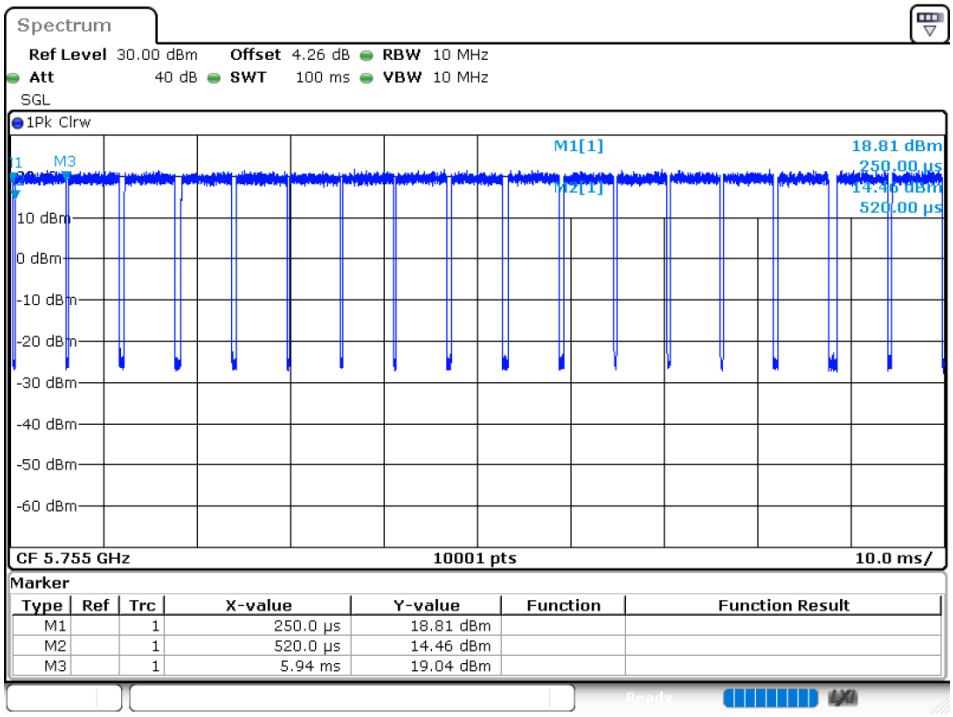
Duty Cycle NVNT n40 5755MHz Ant1



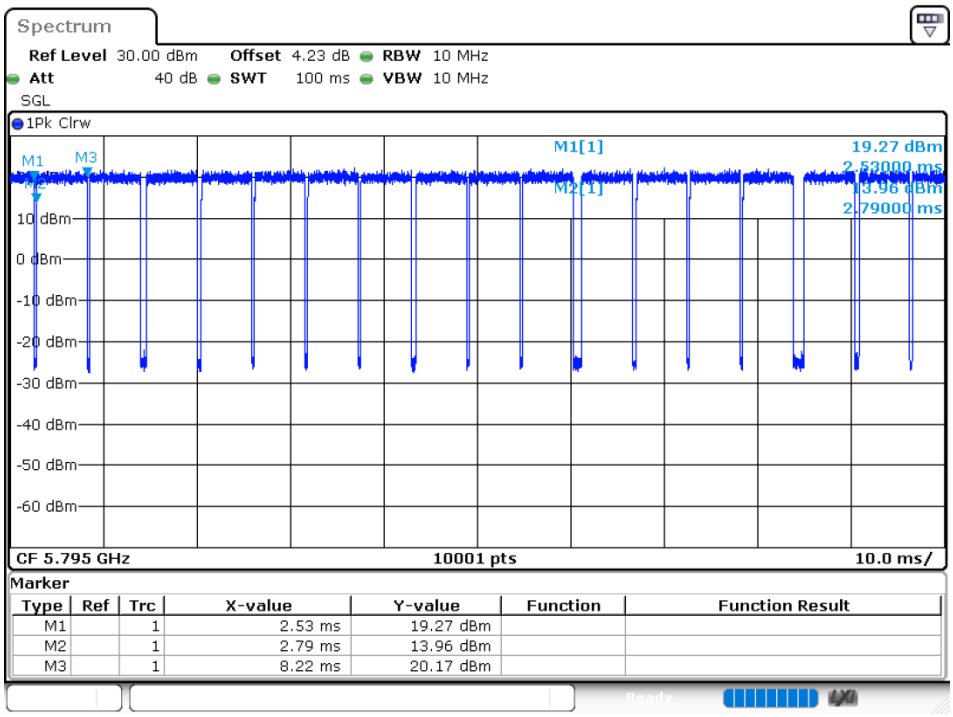
Duty Cycle NVNT n40 5795MHz Ant1



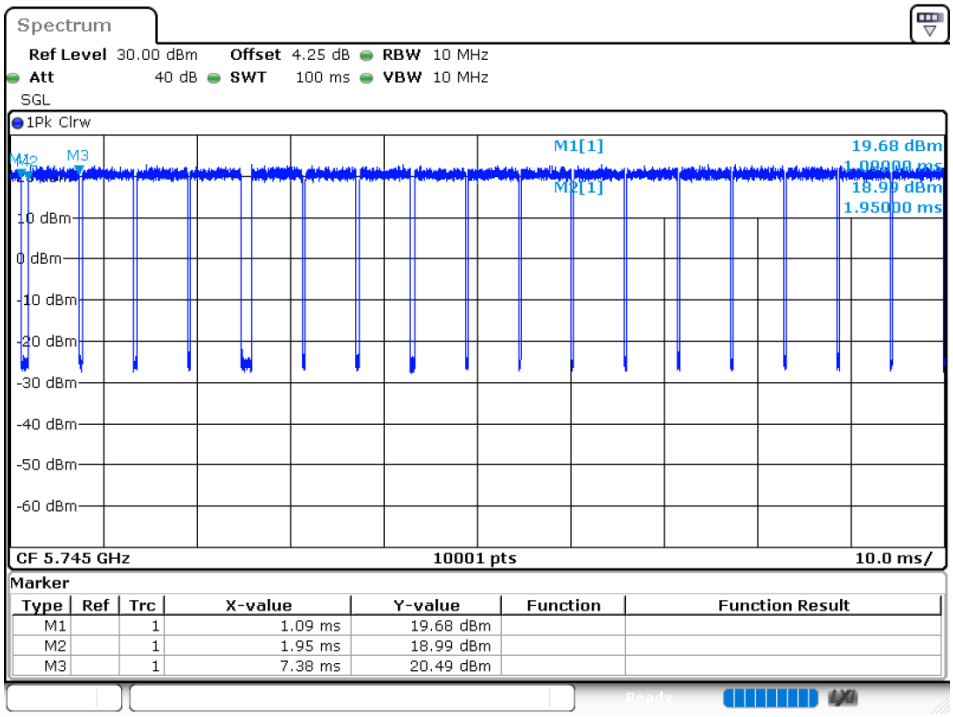
Duty Cycle NVNT n40 5755MHz Ant2



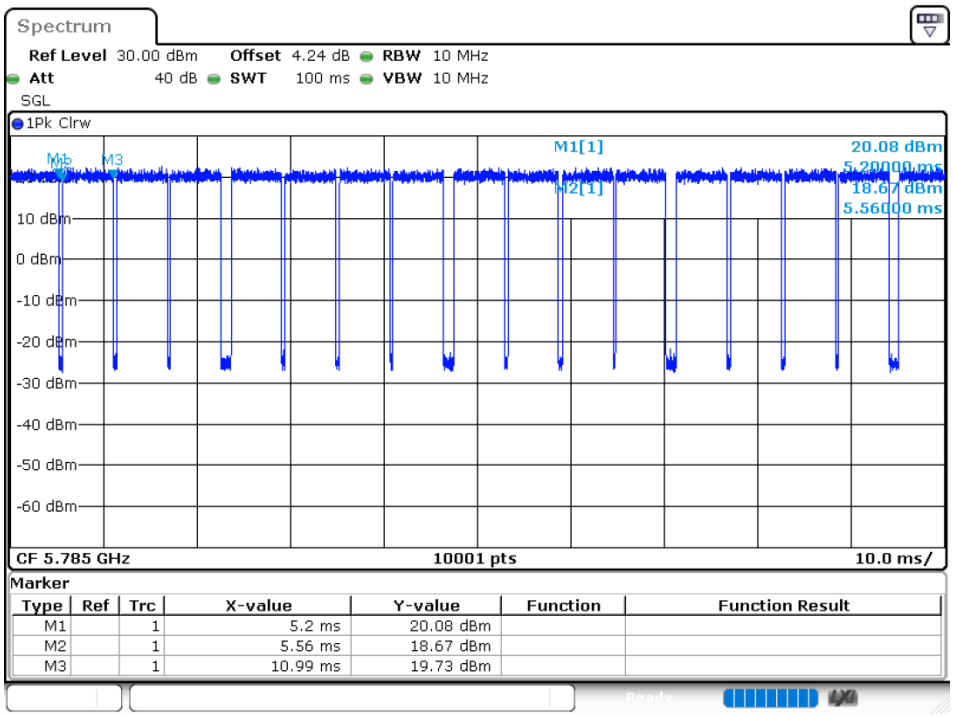
Duty Cycle NVNT n40 5795MHz Ant2



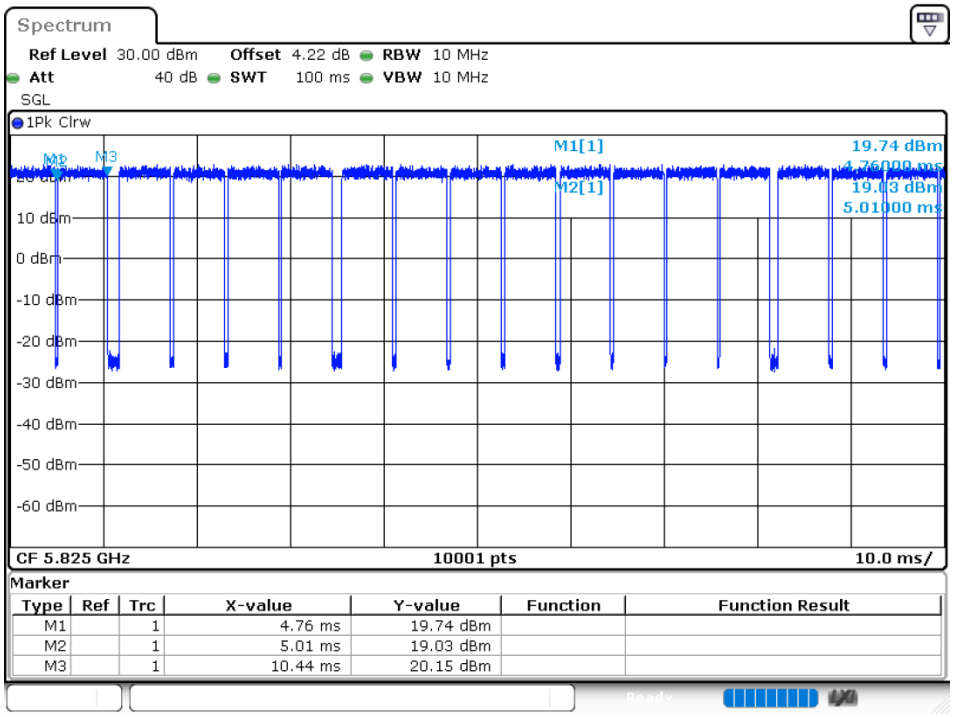
Duty Cycle NVNT ac20 5745MHz Ant1



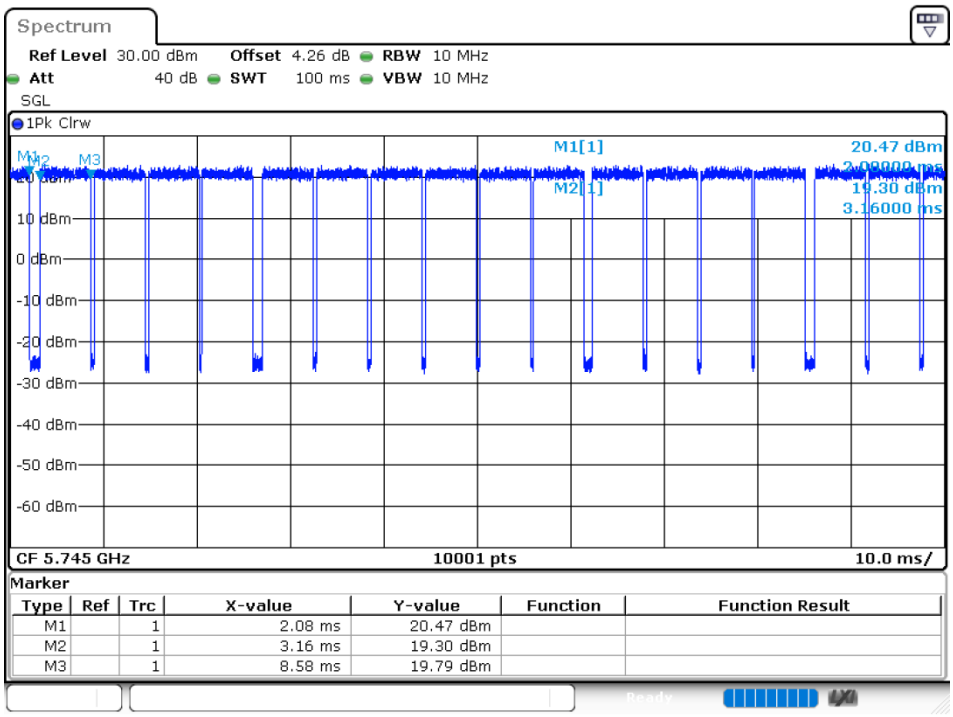
Duty Cycle NVNT ac20 5785MHz Ant1



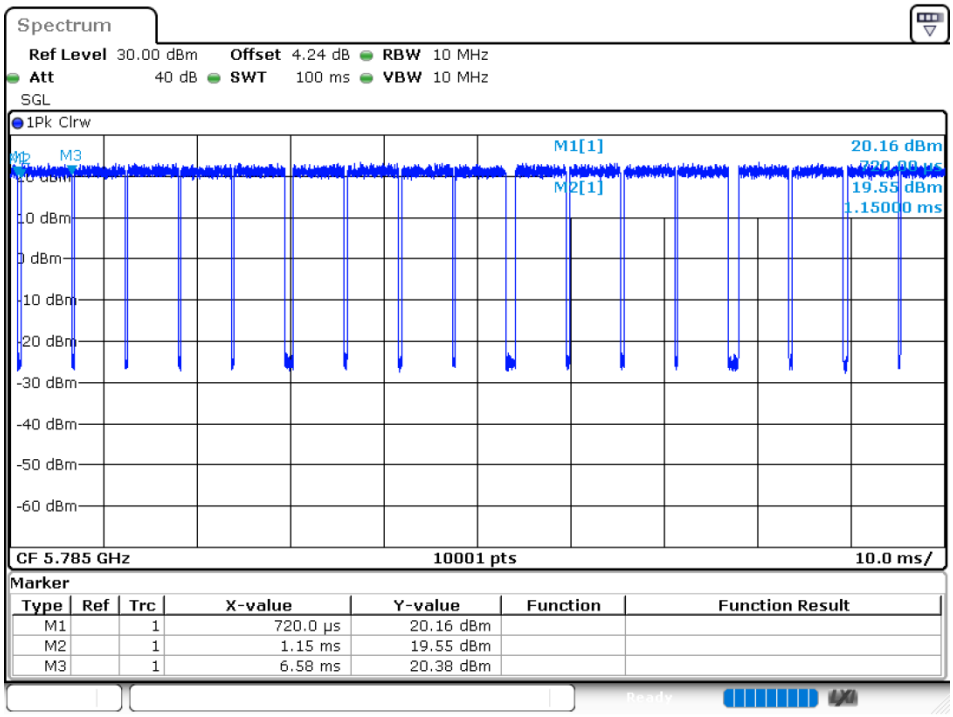
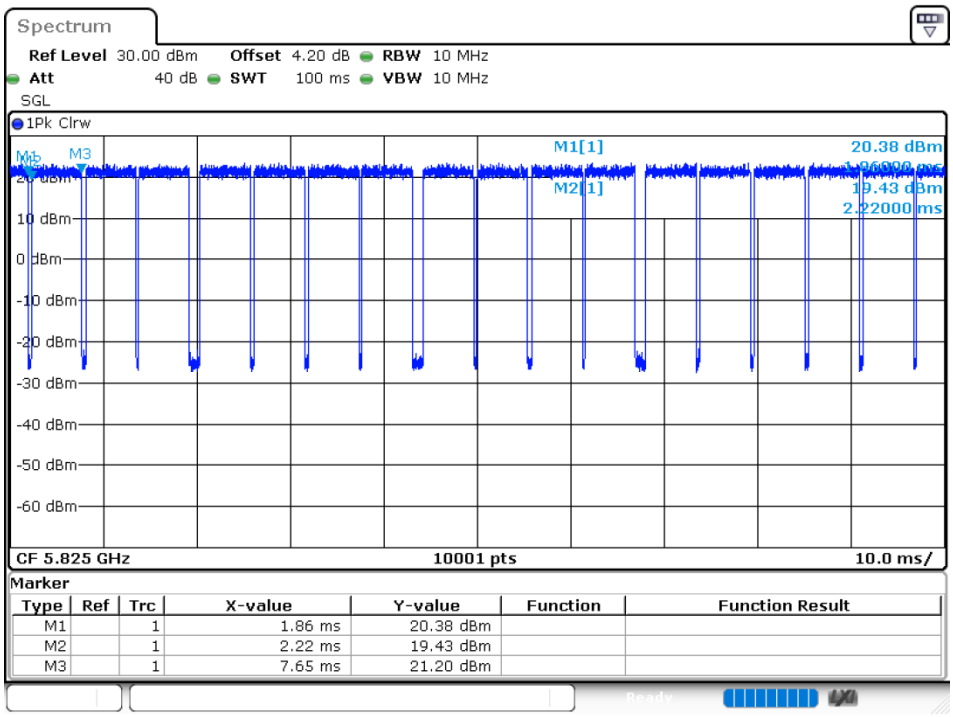
Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac20 5745MHz Ant2



Duty Cycle NVNT ac20 5785MHz Ant2



Duty Cycle NVNT ac20 5825MHz Ant2