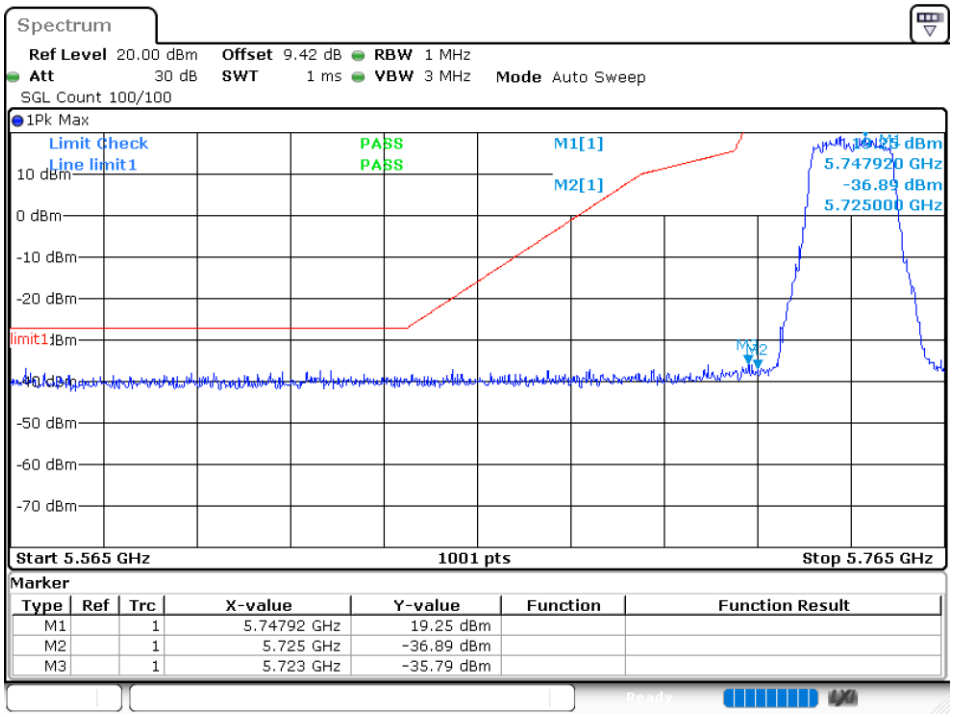
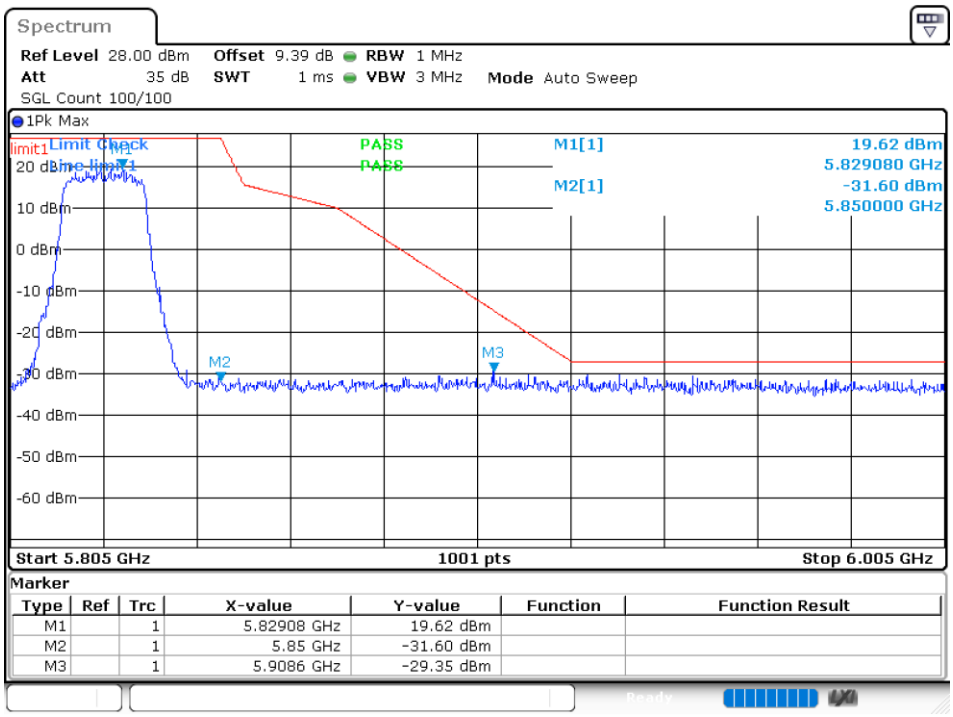
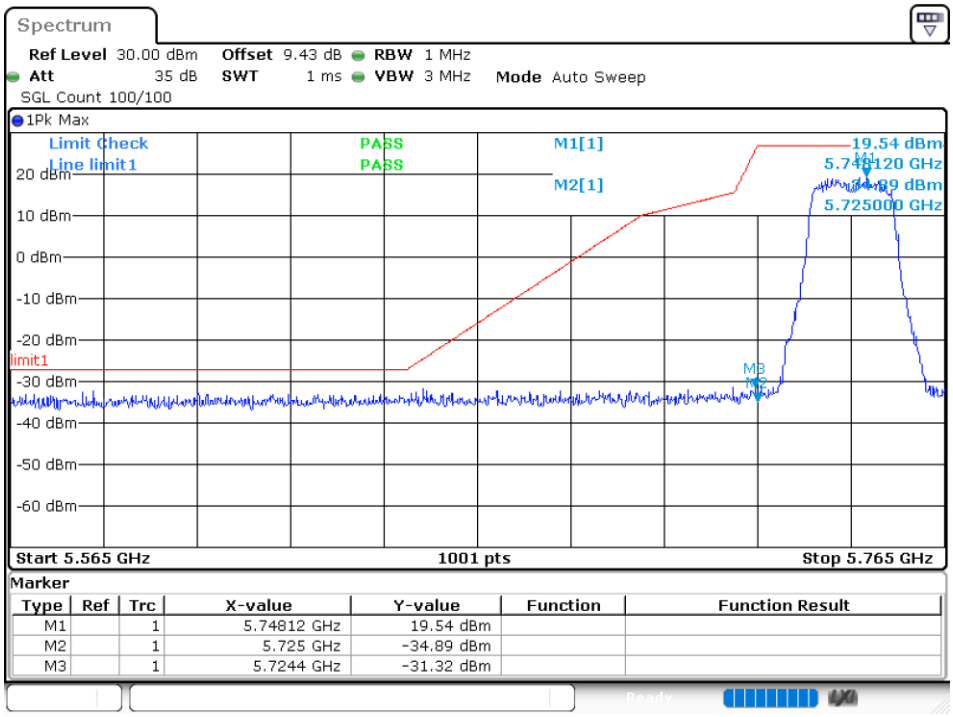
Band Edge NVNT ac20 5745MHz Low Ant1



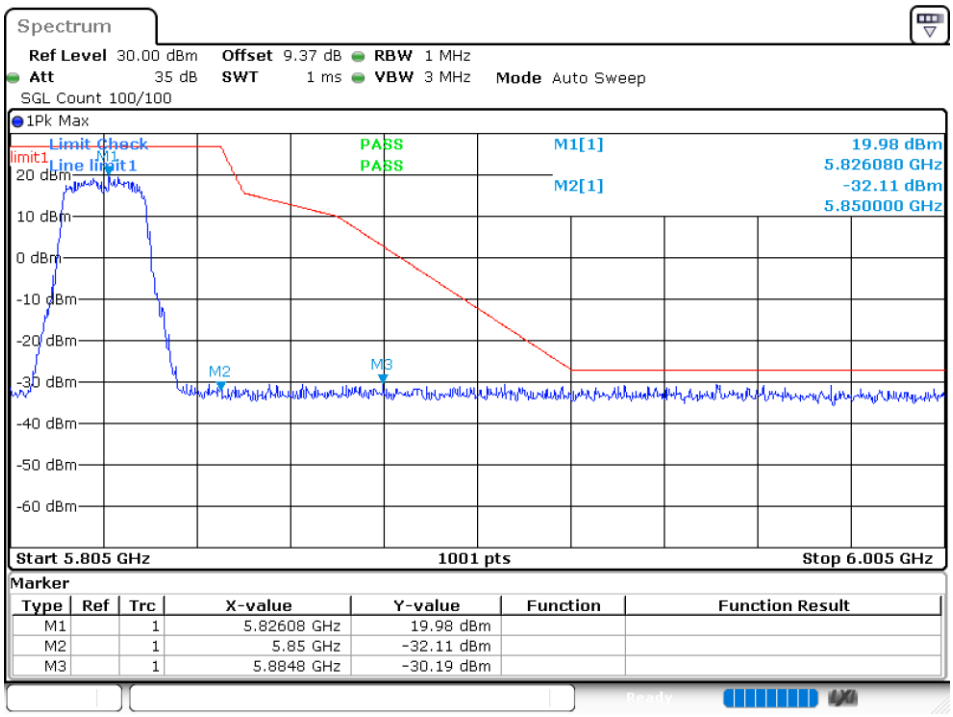
Band Edge NVNT ac20 5825MHz High Ant1



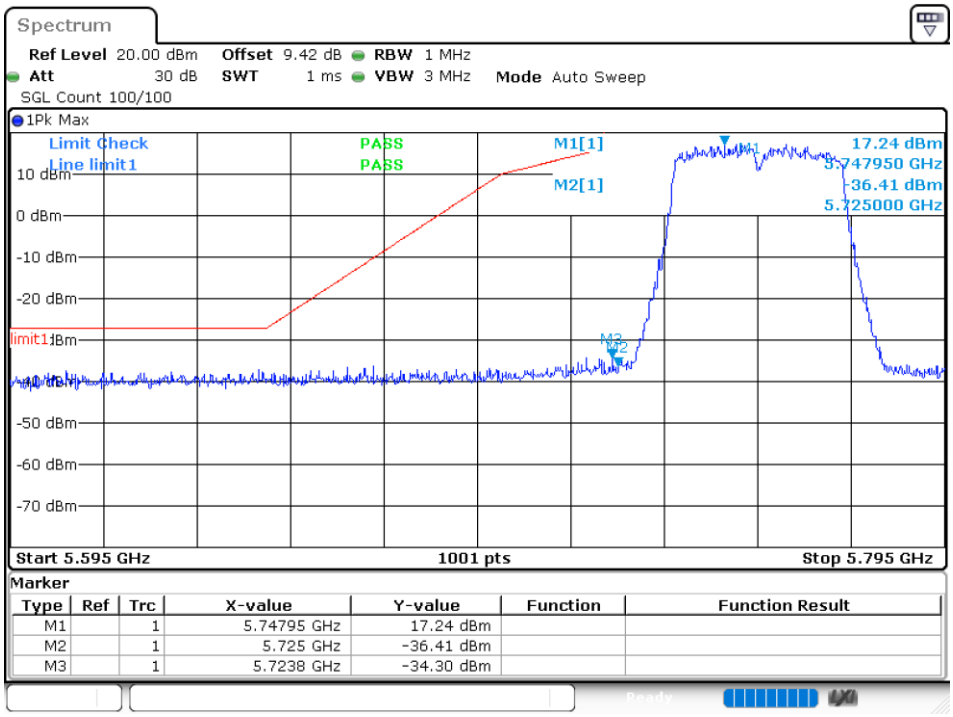
Band Edge NVNT ac20 5745MHz Low Ant2



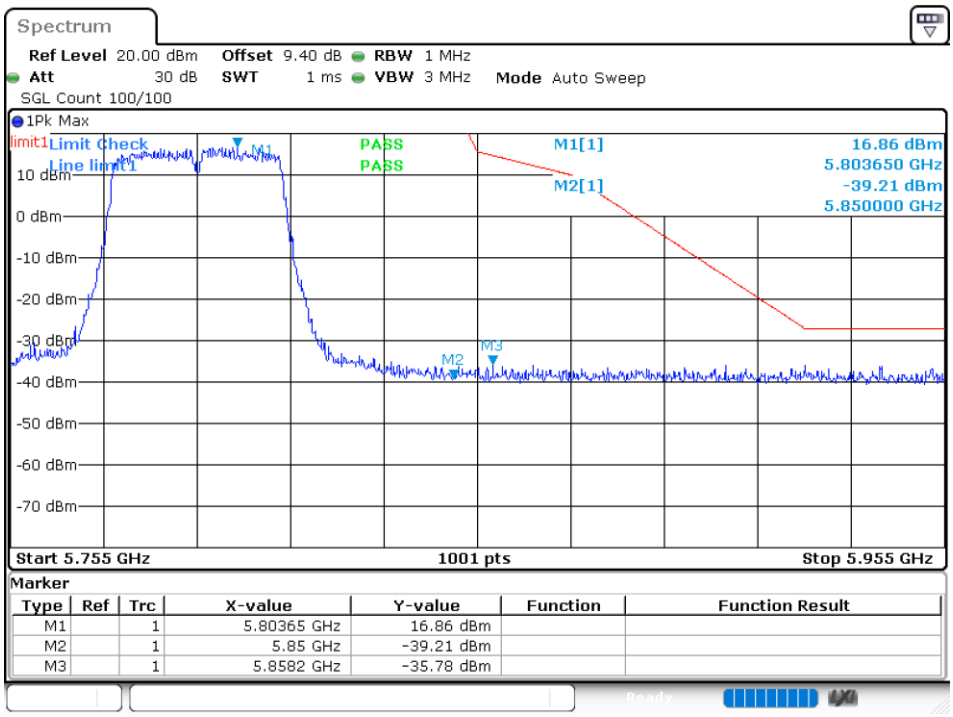
Band Edge NVNT ac20 5825MHz High Ant2



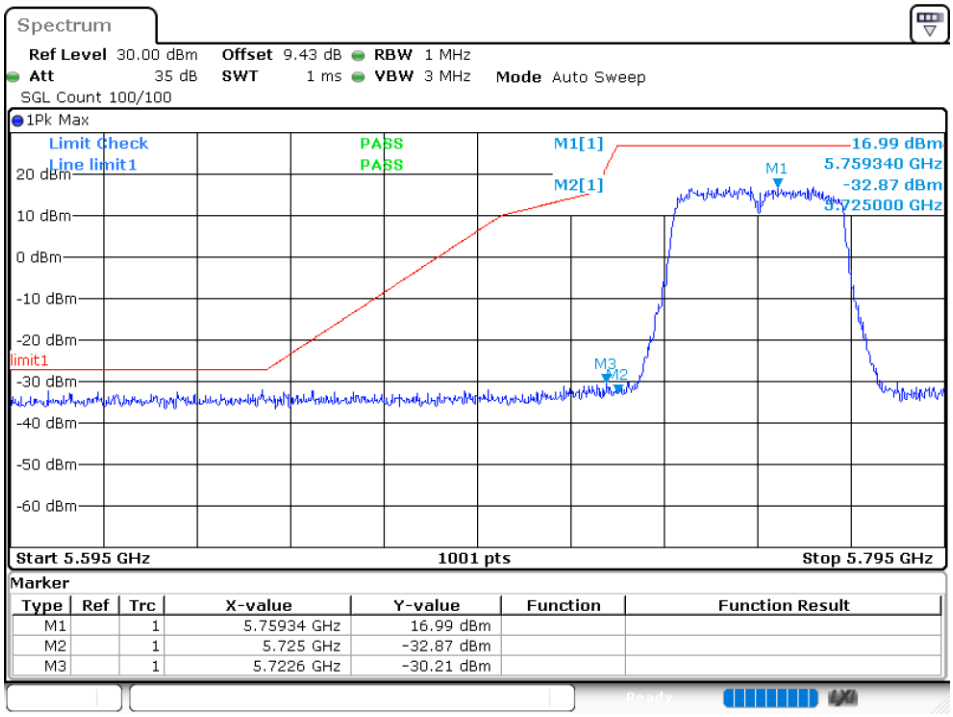
Band Edge NVNT ac40 5755MHz Low Ant1



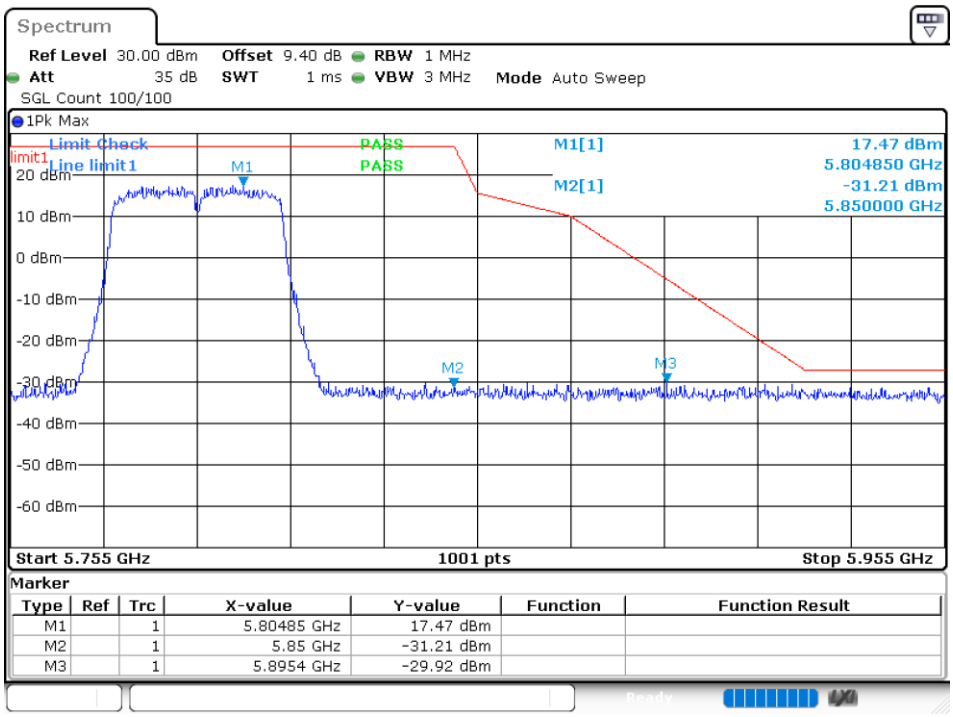
Band Edge NVNT ac40 5795MHz High Ant1



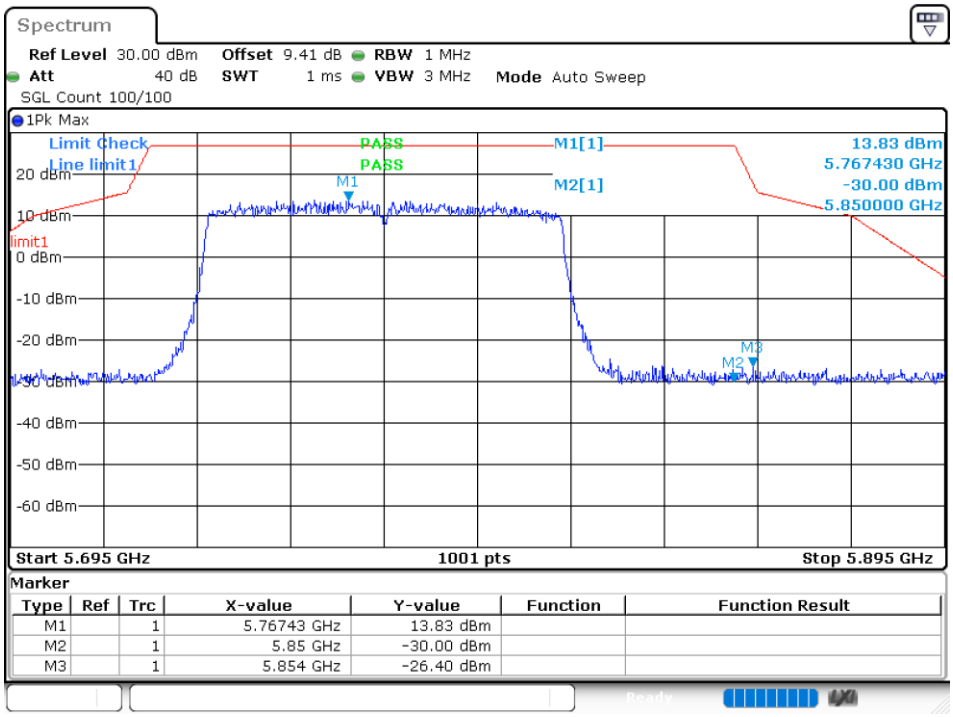
Band Edge NVNT ac40 5755MHz Low Ant2



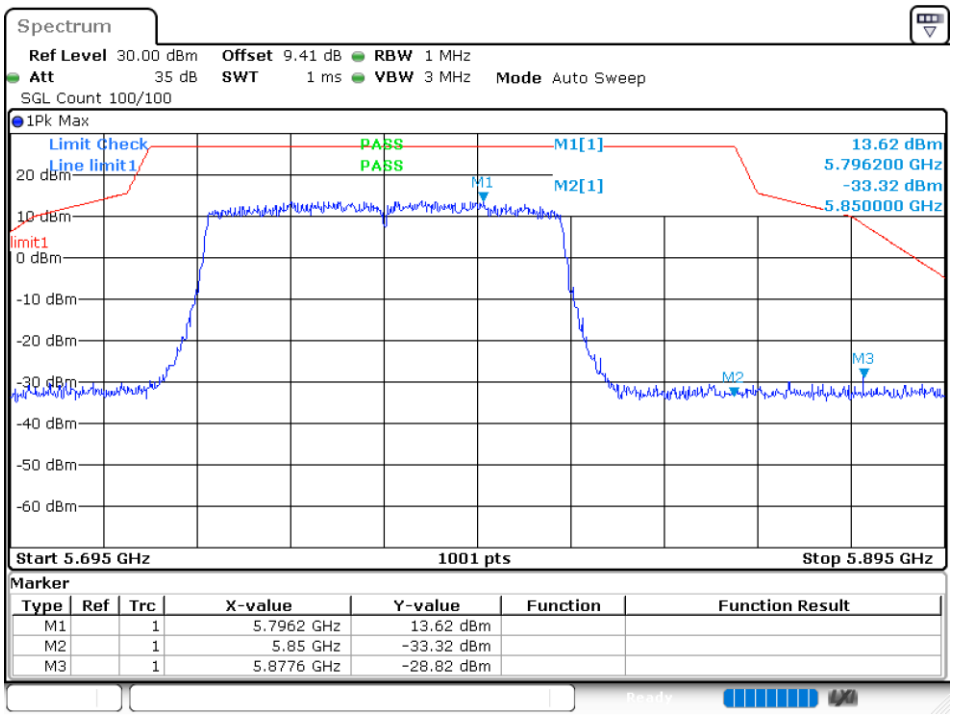
Band Edge NVNT ac40 5795MHz High Ant2



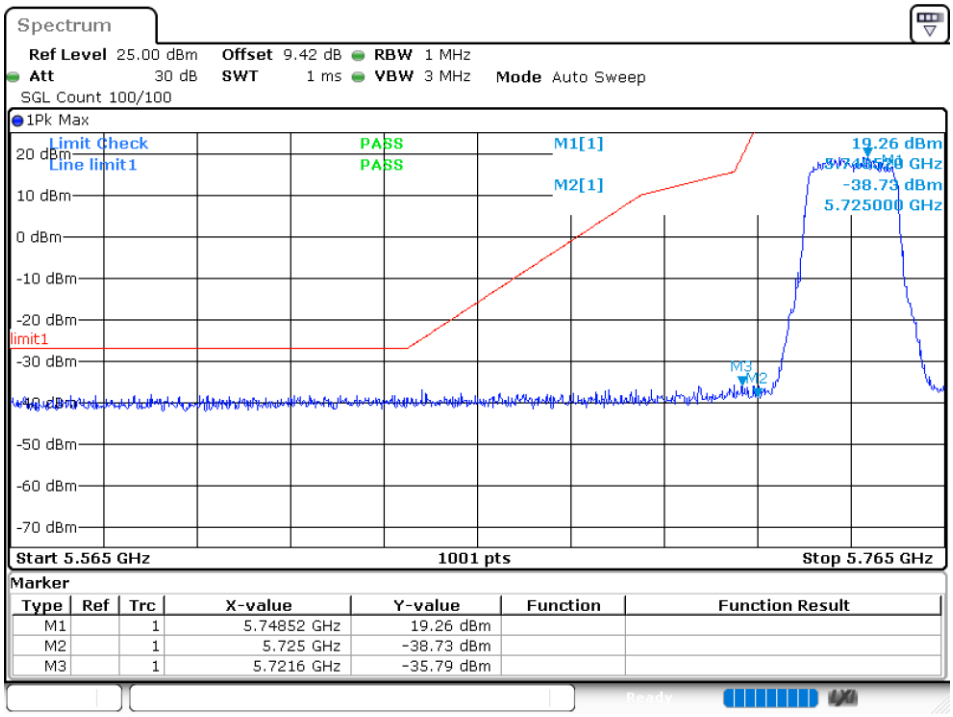
Band Edge NVNT ac80 5775MHz High Ant1



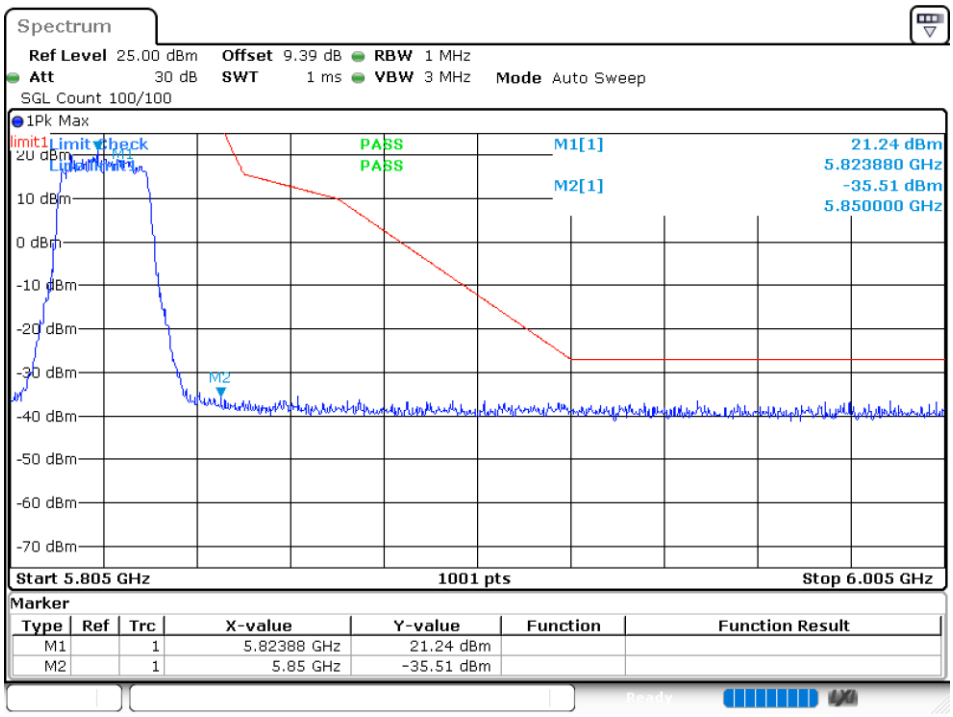
Band Edge NVNT ac80 5775MHz High Ant2



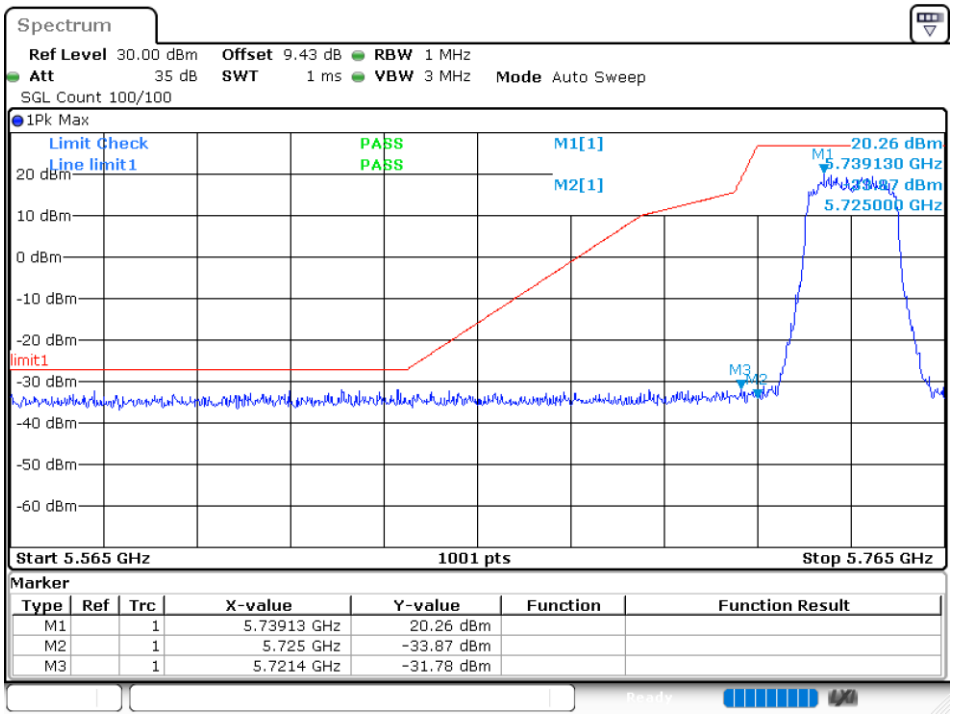
Band Edge NVNT ax20 5745MHz Low Ant1



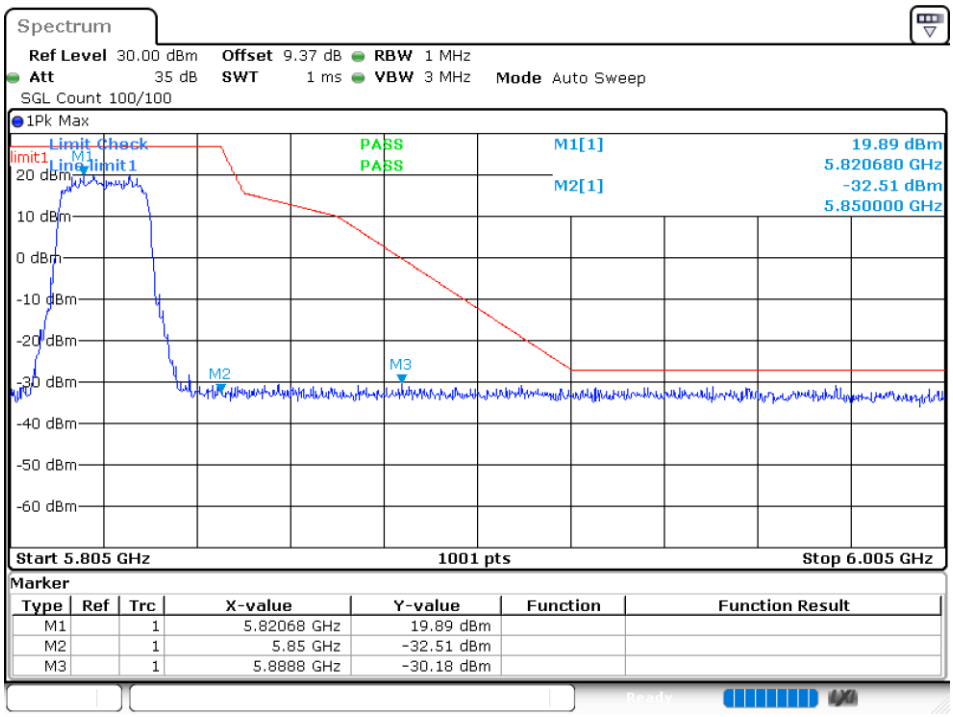
Band Edge NVNT ax20 5825MHz High Ant1



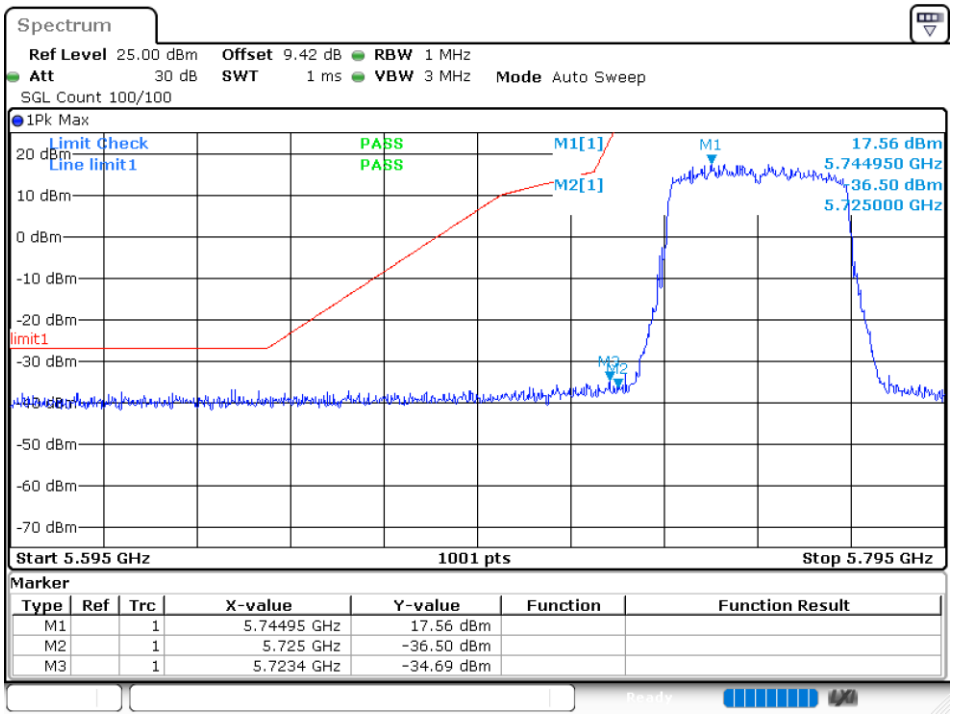
Band Edge NVNT ax20 5745MHz Low Ant2



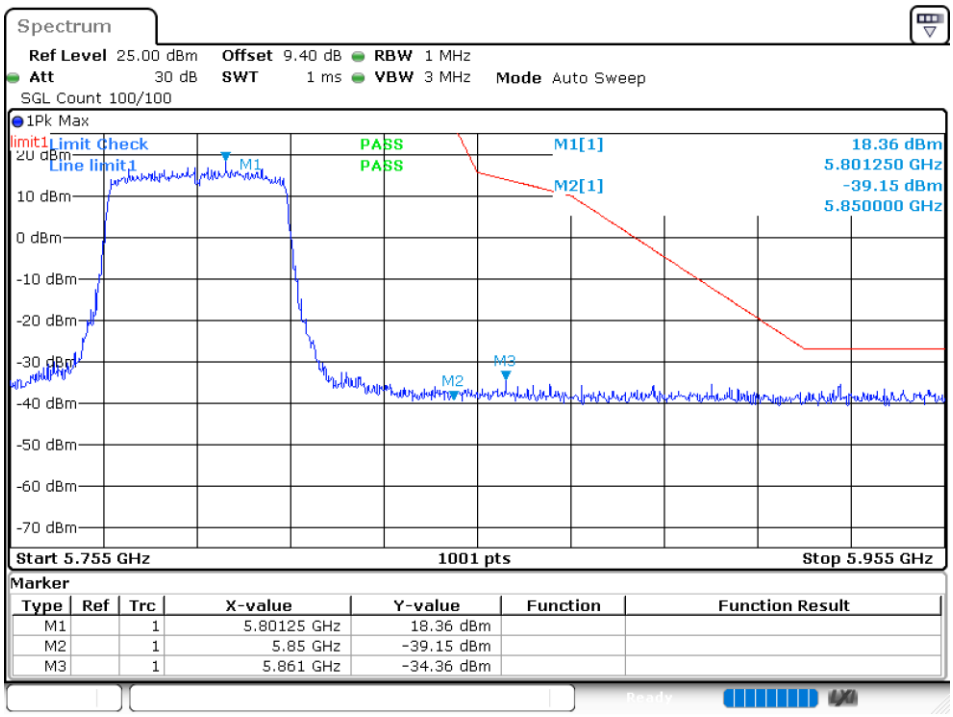
Band Edge NVNT ax20 5825MHz High Ant2



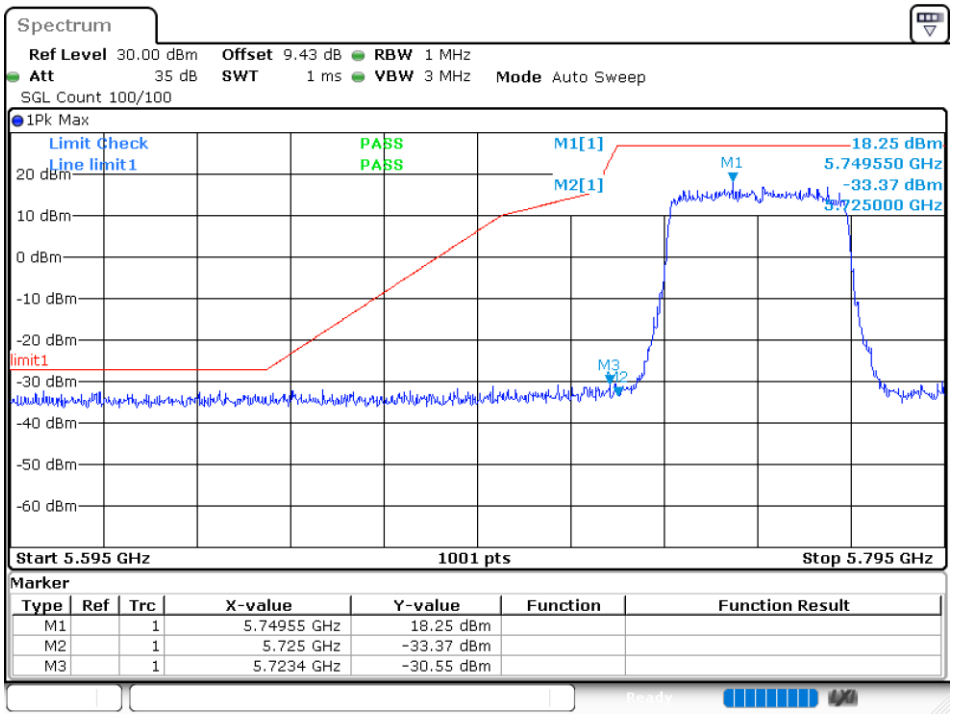
Band Edge NVNT ax40 5755MHz Low Ant1



Band Edge NVNT ax40 5795MHz High Ant1



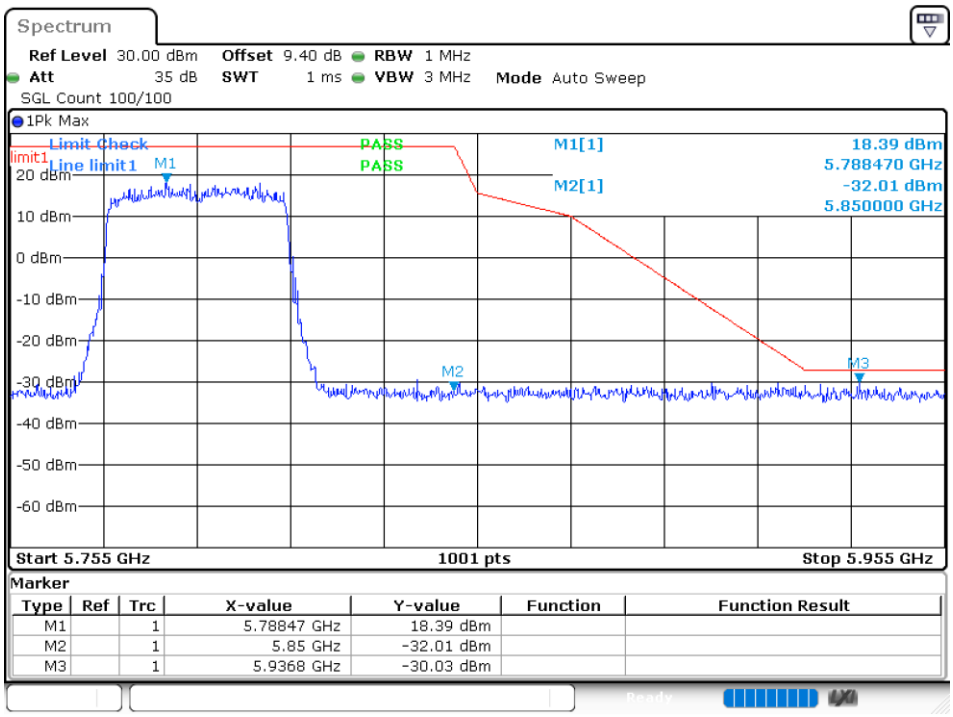
Band Edge NVNT ax40 5755MHz Low Ant2



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.74955 GHz	18.25 dBm		
M2		1	5.725 GHz	-33.37 dBm		
M3		1	5.7234 GHz	-30.55 dBm		

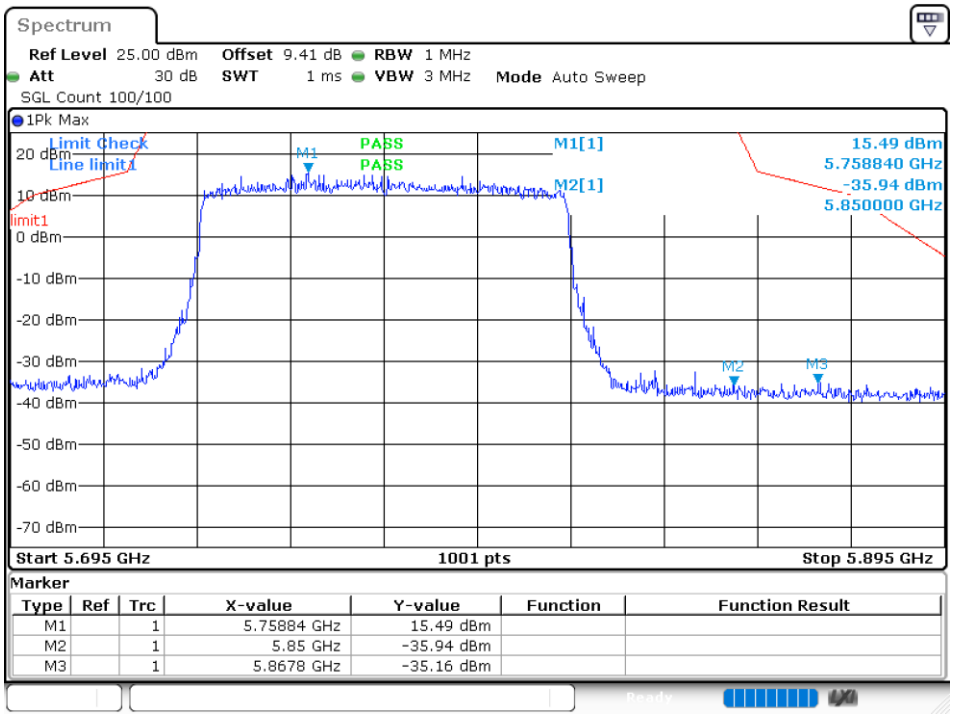
Band Edge NVNT ax40 5795MHz High Ant2



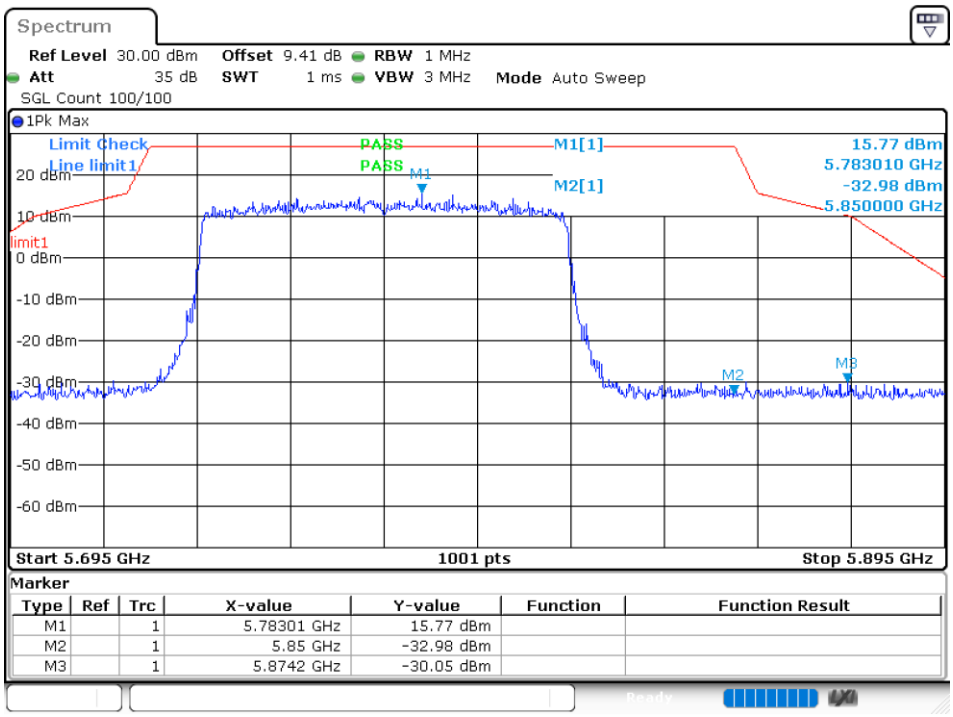
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.78847 GHz	18.39 dBm		
M2		1	5.85 GHz	-32.01 dBm		
M3		1	5.9368 GHz	-30.03 dBm		

Band Edge NVNT ax80 5775MHz High Ant1



Band Edge NVNT ax80 5775MHz High Ant2



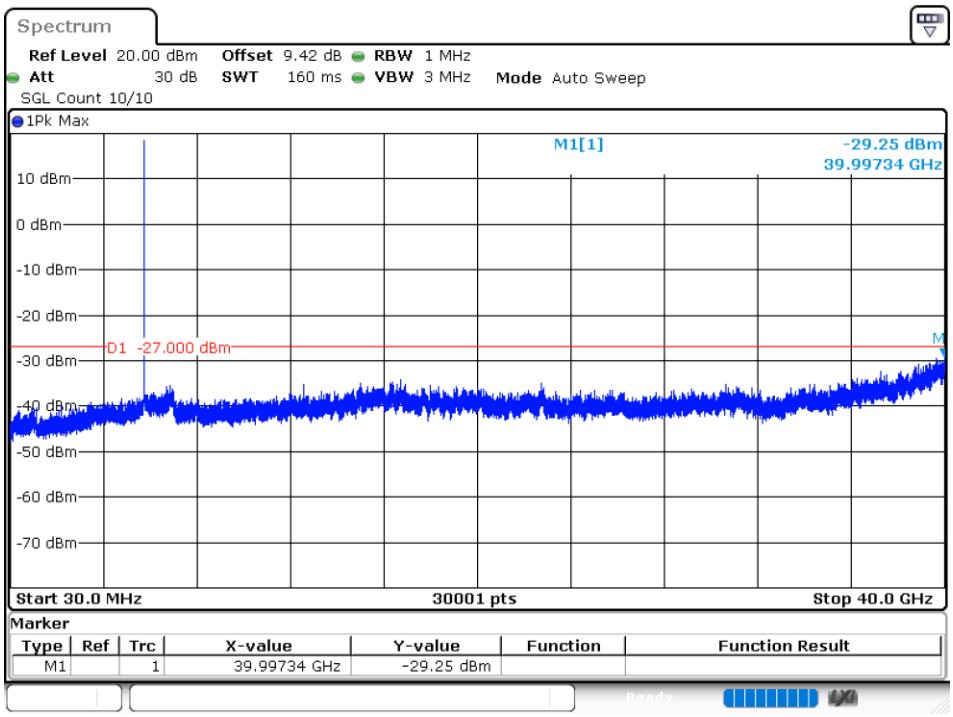
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-29.24	-27	Pass
NVNT	a	5785	Ant1	-29.76	-27	Pass
NVNT	a	5825	Ant1	-29.24	-27	Pass
NVNT	a	5745	Ant2	-28.77	-27	Pass
NVNT	a	5785	Ant2	-37.74	-27	Pass
NVNT	a	5825	Ant2	-37.47	-27	Pass
NVNT	n20	5745	Ant1	-29.62	-27	Pass
NVNT	n20	5785	Ant1	-29.74	-27	Pass
NVNT	n20	5825	Ant1	-28.78	-27	Pass
NVNT	n20	5745	Ant2	-28.9	-27	Pass
NVNT	n20	5785	Ant2	-29.45	-27	Pass
NVNT	n20	5825	Ant2	-29.46	-27	Pass
NVNT	n40	5755	Ant1	-29.07	-27	Pass
NVNT	n40	5795	Ant1	-29.49	-27	Pass
NVNT	n40	5755	Ant2	-37.97	-27	Pass
NVNT	n40	5795	Ant2	-37.16	-27	Pass
NVNT	ac20	5745	Ant1	-29.72	-27	Pass
NVNT	ac20	5785	Ant1	-29.4	-27	Pass
NVNT	ac20	5825	Ant1	-29.65	-27	Pass
NVNT	ac20	5745	Ant2	-37.82	-27	Pass
NVNT	ac20	5785	Ant2	-29.59	-27	Pass
NVNT	ac20	5825	Ant2	-37.7	-27	Pass
NVNT	ac40	5755	Ant1	-29.46	-27	Pass
NVNT	ac40	5795	Ant1	-28.98	-27	Pass
NVNT	ac40	5755	Ant2	-37.92	-27	Pass
NVNT	ac40	5795	Ant2	-38.09	-27	Pass
NVNT	ac80	5775	Ant1	-29.87	-27	Pass
NVNT	ac80	5775	Ant2	-37.22	-27	Pass
NVNT	ax20	5745	Ant1	-28.69	-27	Pass
NVNT	ax20	5785	Ant1	-28.72	-27	Pass
NVNT	ax20	5825	Ant1	-29.43	-27	Pass
NVNT	ax20	5745	Ant2	-37.47	-27	Pass
NVNT	ax20	5785	Ant2	-38.08	-27	Pass
NVNT	ax20	5825	Ant2	-37.65	-27	Pass
NVNT	ax40	5755	Ant1	-28.73	-27	Pass
NVNT	ax40	5795	Ant1	-29.2	-27	Pass
NVNT	ax40	5755	Ant2	-38.26	-27	Pass
NVNT	ax40	5795	Ant2	-37.93	-27	Pass
NVNT	ax80	5775	Ant1	-28.98	-27	Pass

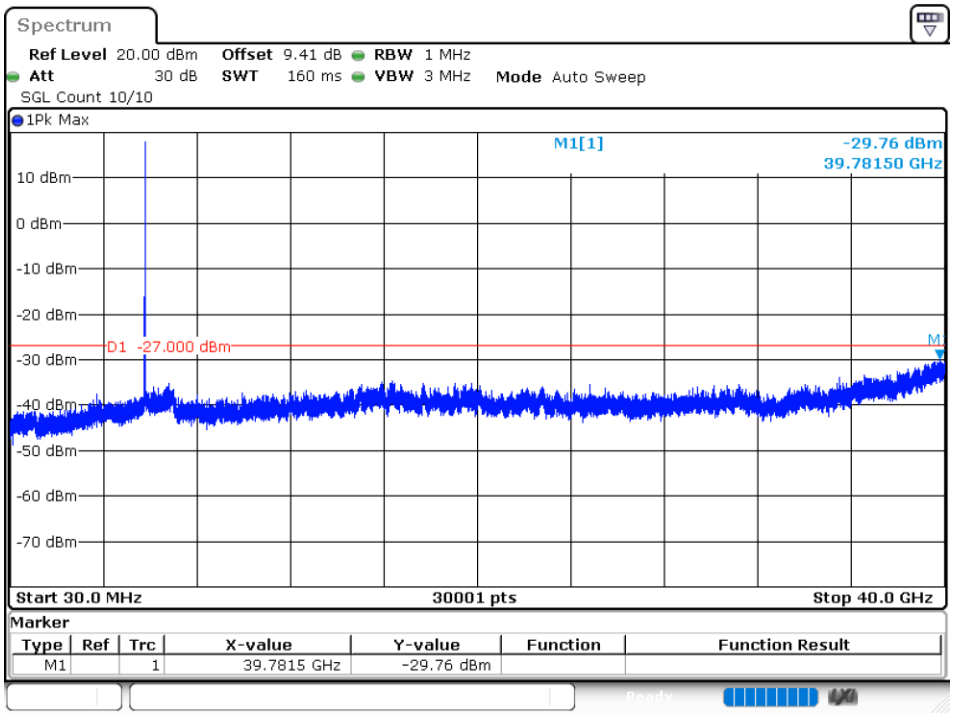
NVNT	ax80	5775	Ant2	-37.55	-27	Pass

Test Graphs

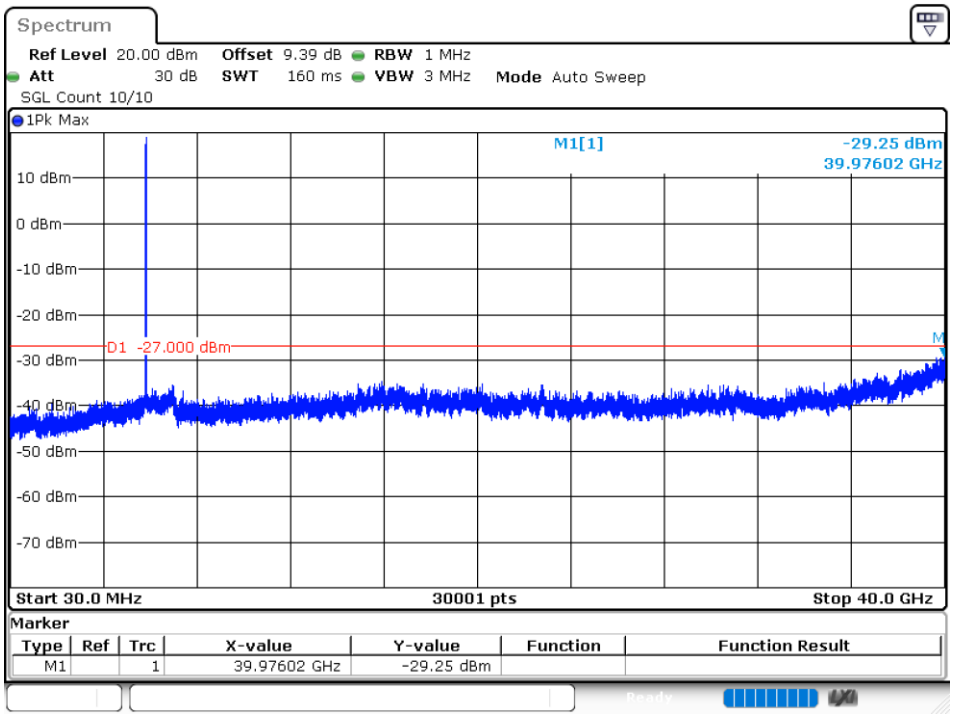
Tx. Spurious NVNT a 5745MHz Ant1 Emission



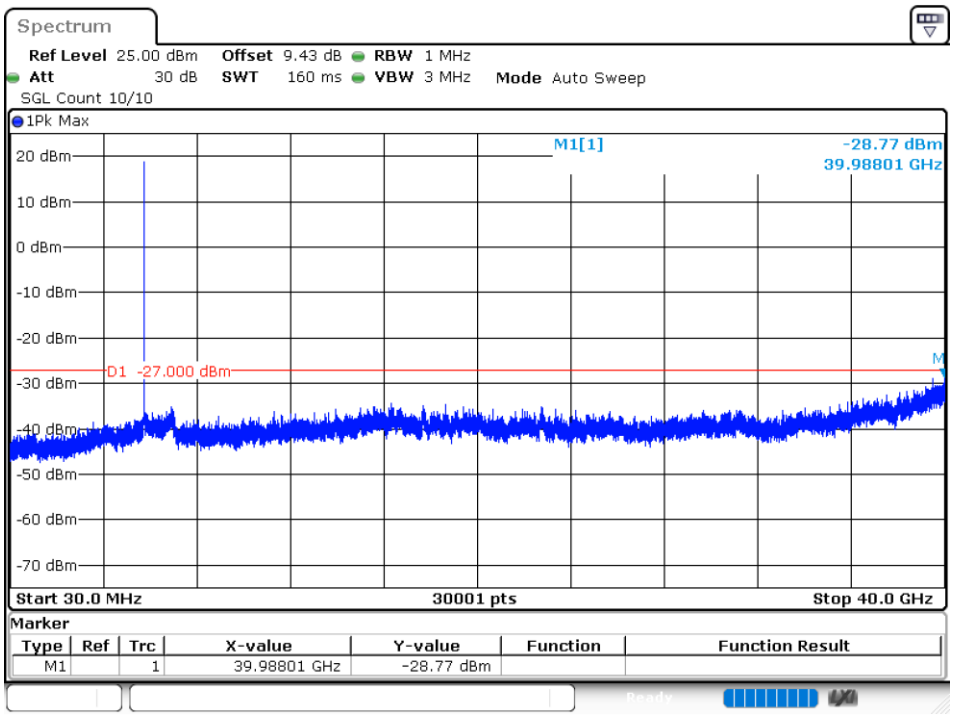
Tx. Spurious NVNT a 5785MHz Ant1 Emission



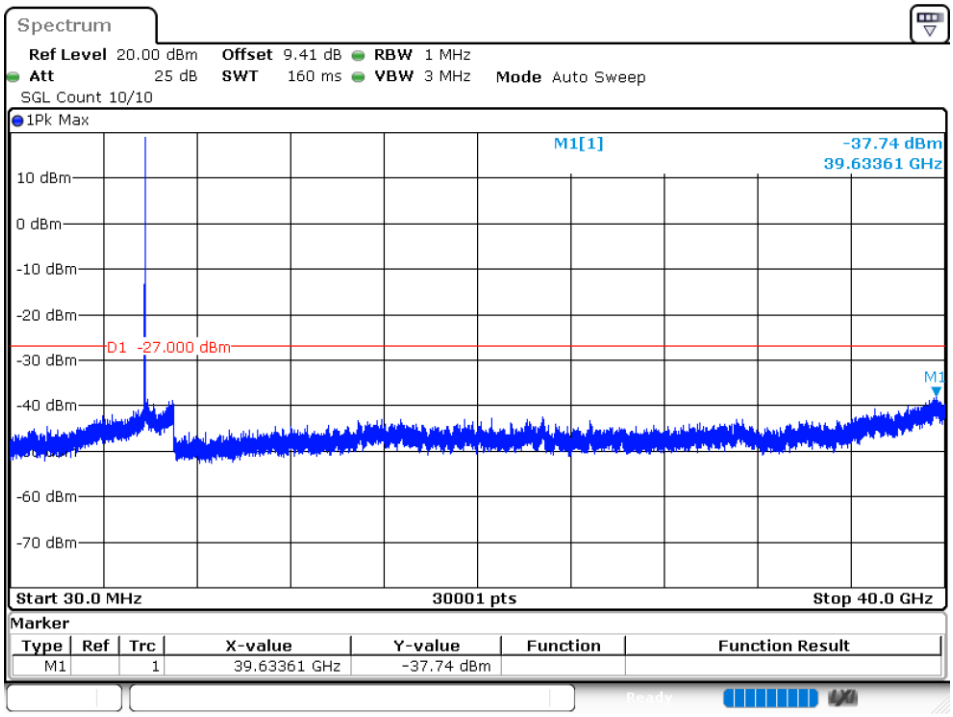
Tx. Spurious NVNT a 5825MHz Ant1 Emission



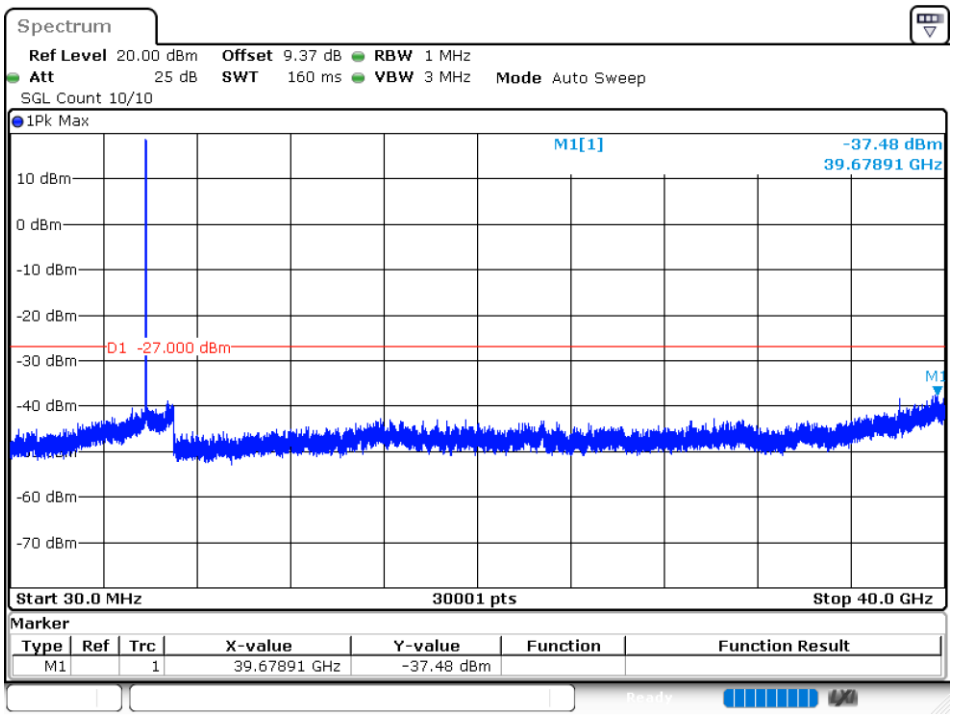
Tx. Spurious NVNT a 5745MHz Ant2 Emission



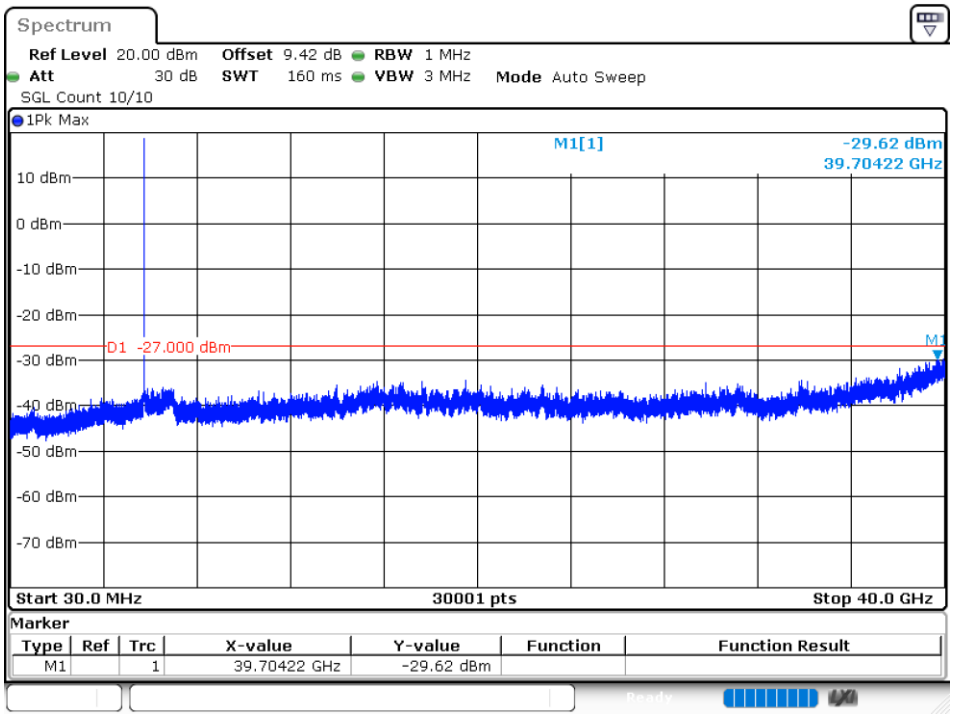
Tx. Spurious NVNT a 5785MHz Ant2 Emission



Tx. Spurious NVNT a 5825MHz Ant2 Emission



Tx. Spurious NVNT n20 5745MHz Ant1 Emission



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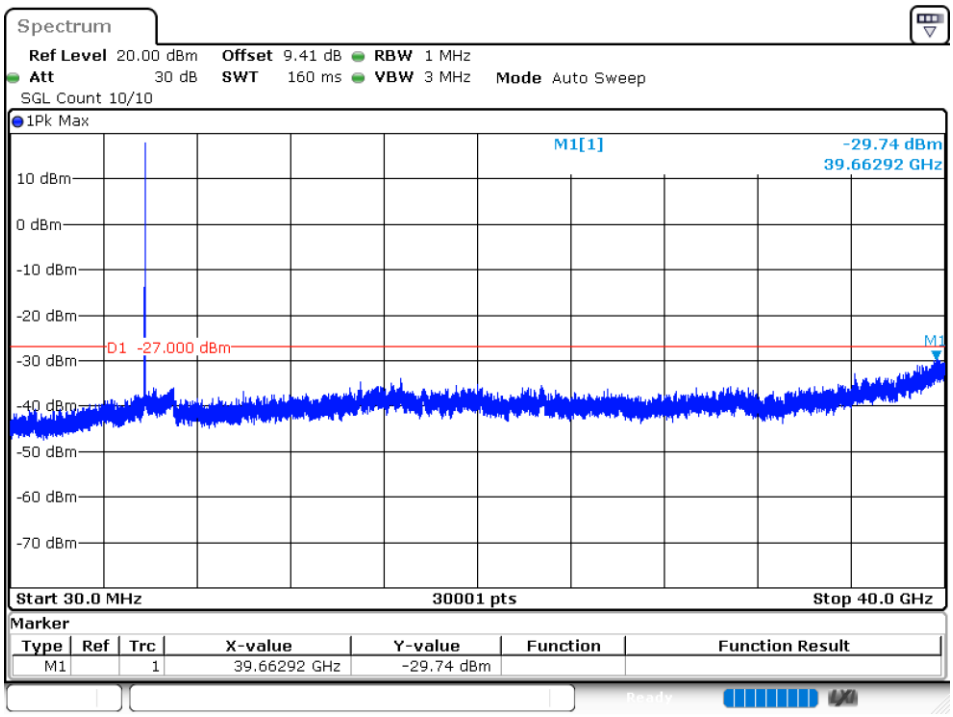
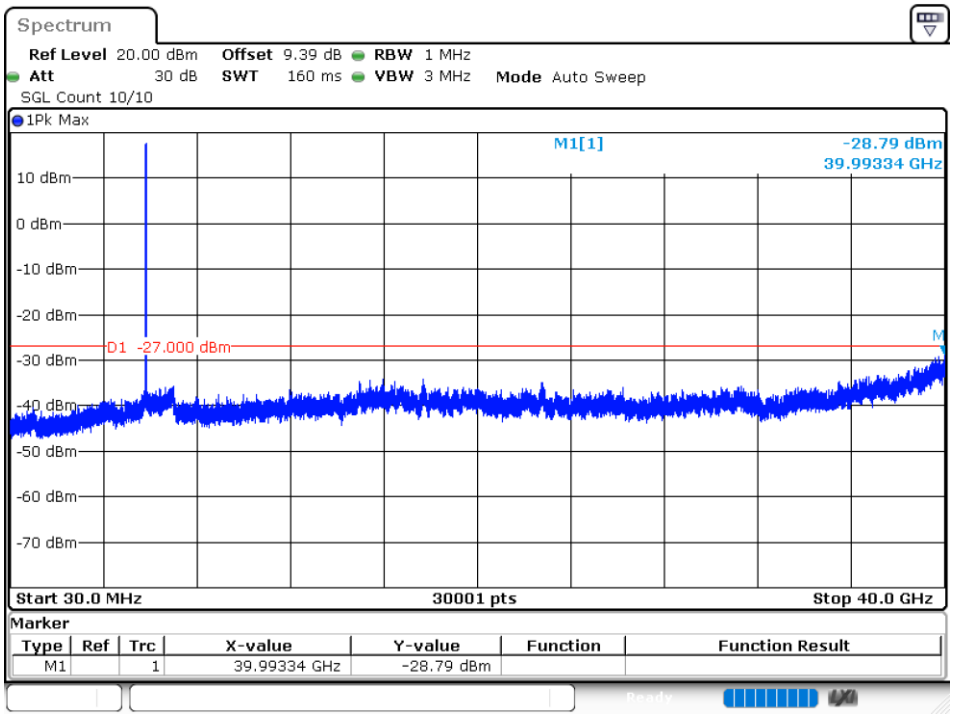
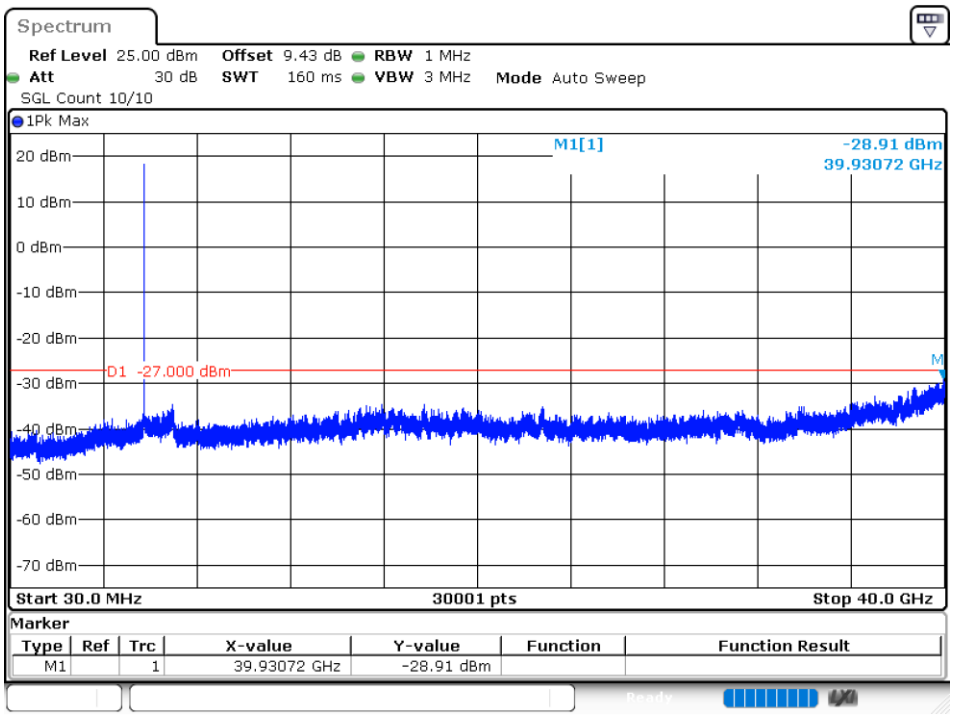


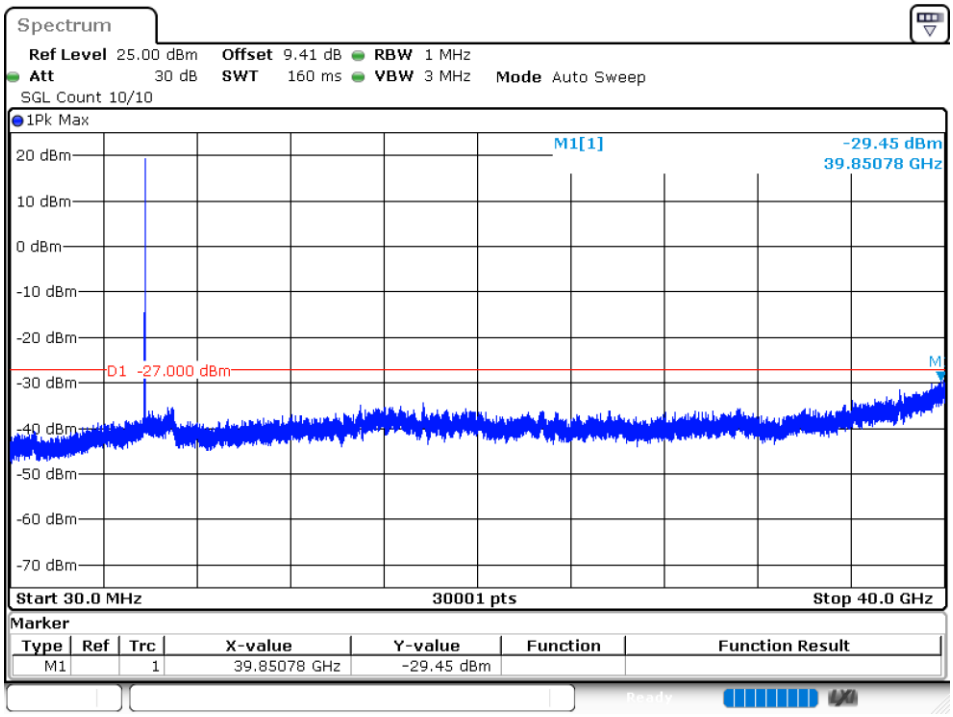
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



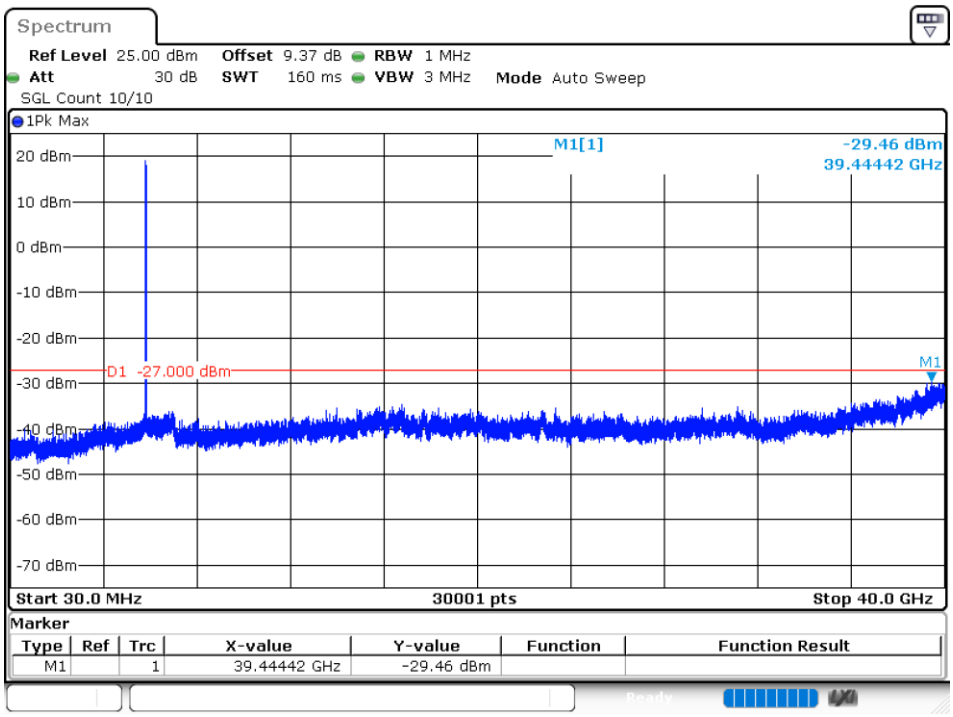
Tx. Spurious NVNT n20 5745MHz Ant2 Emission



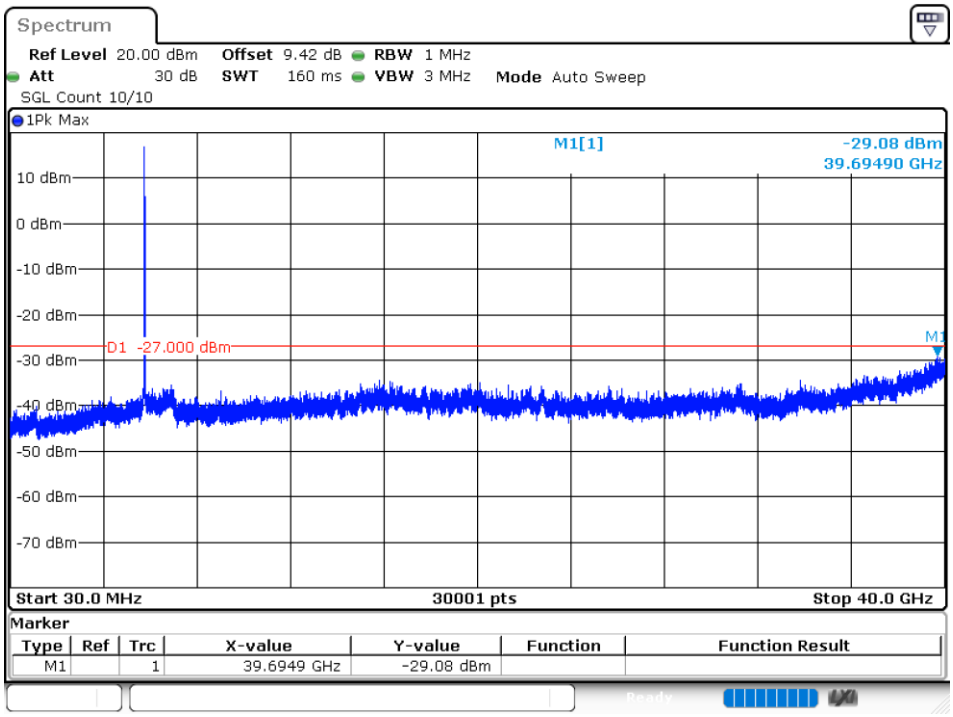
Tx. Spurious NVNT n20 5785MHz Ant2 Emission



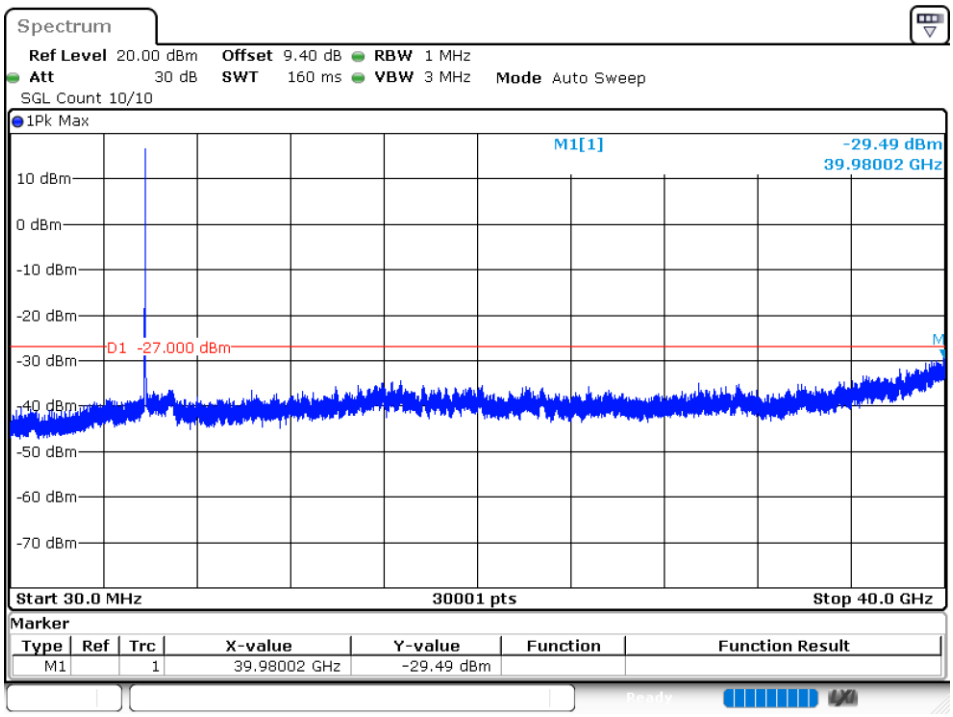
Tx. Spurious NVNT n20 5825MHz Ant2 Emission



Tx. Spurious NVNT n40 5755MHz Ant1 Emission



Tx. Spurious NVNT n40 5795MHz Ant1 Emission



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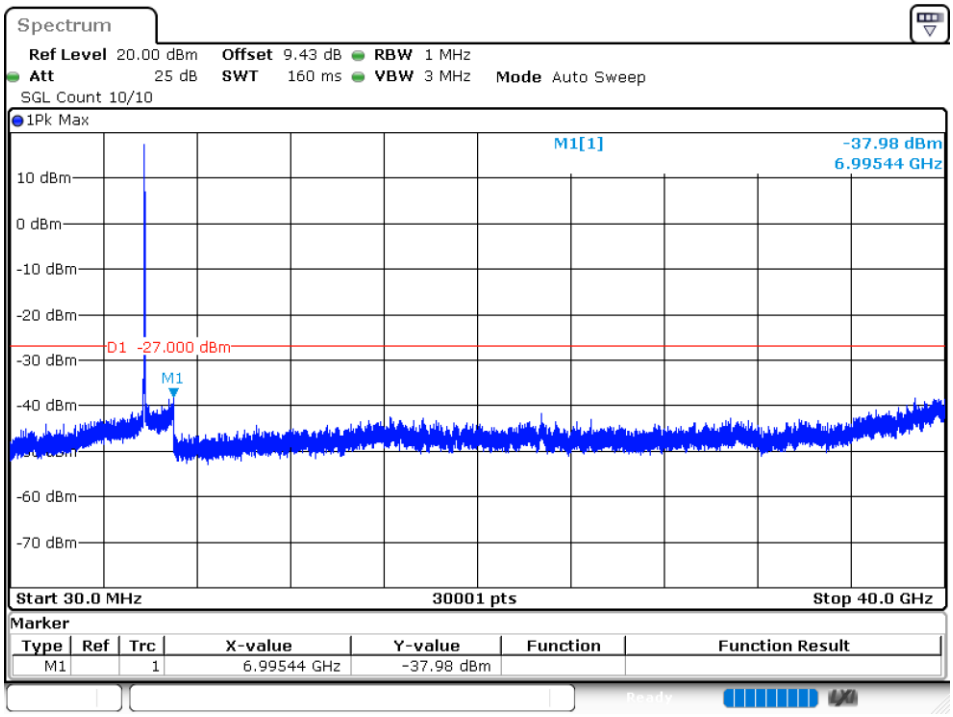

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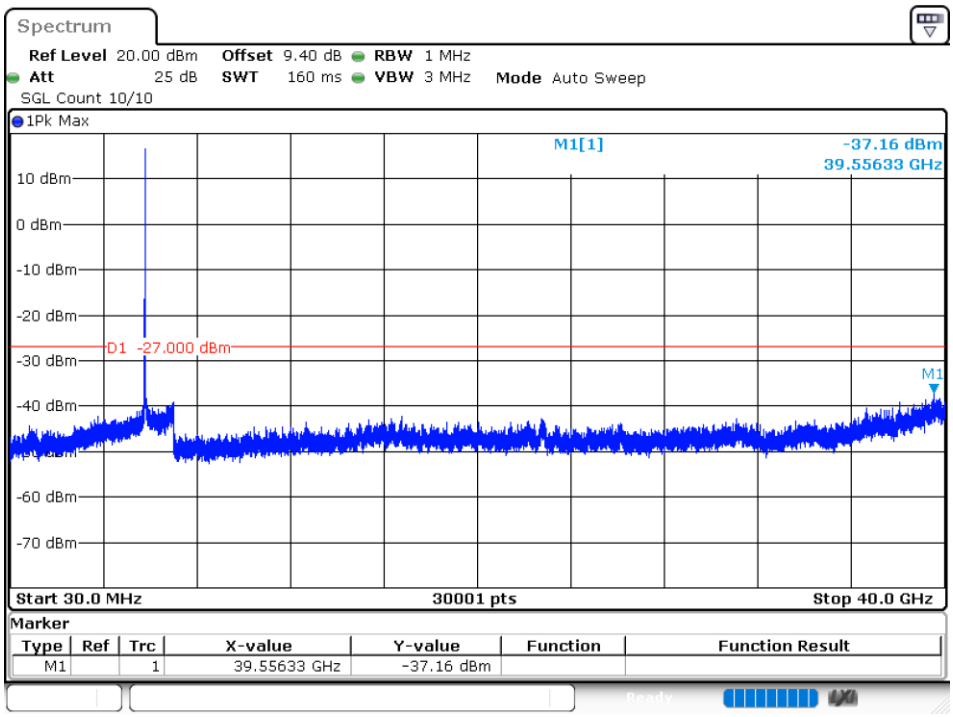
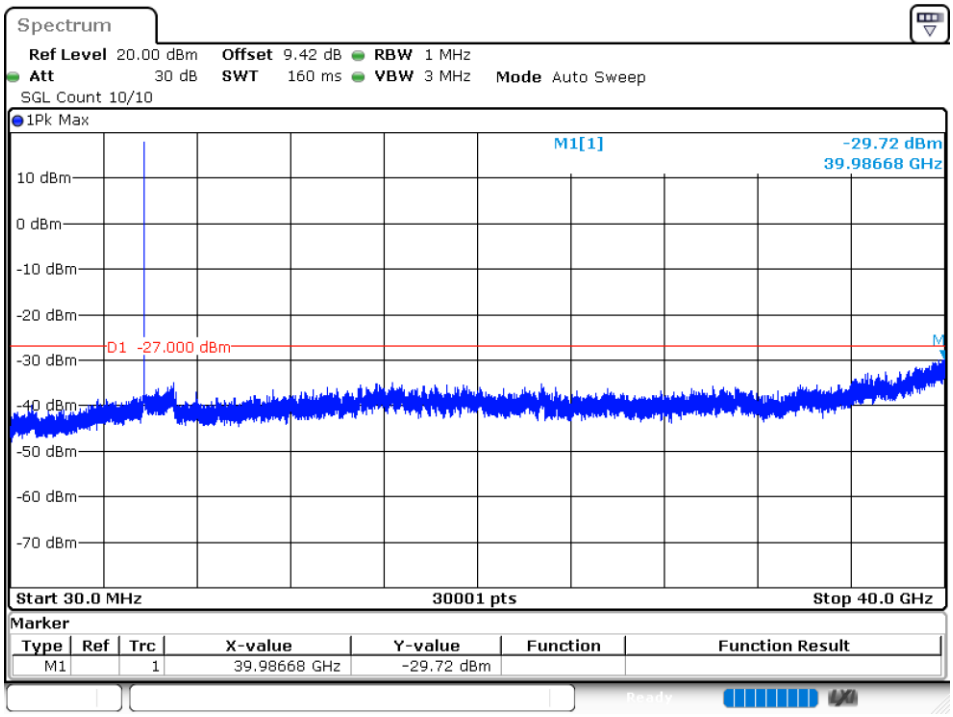


Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



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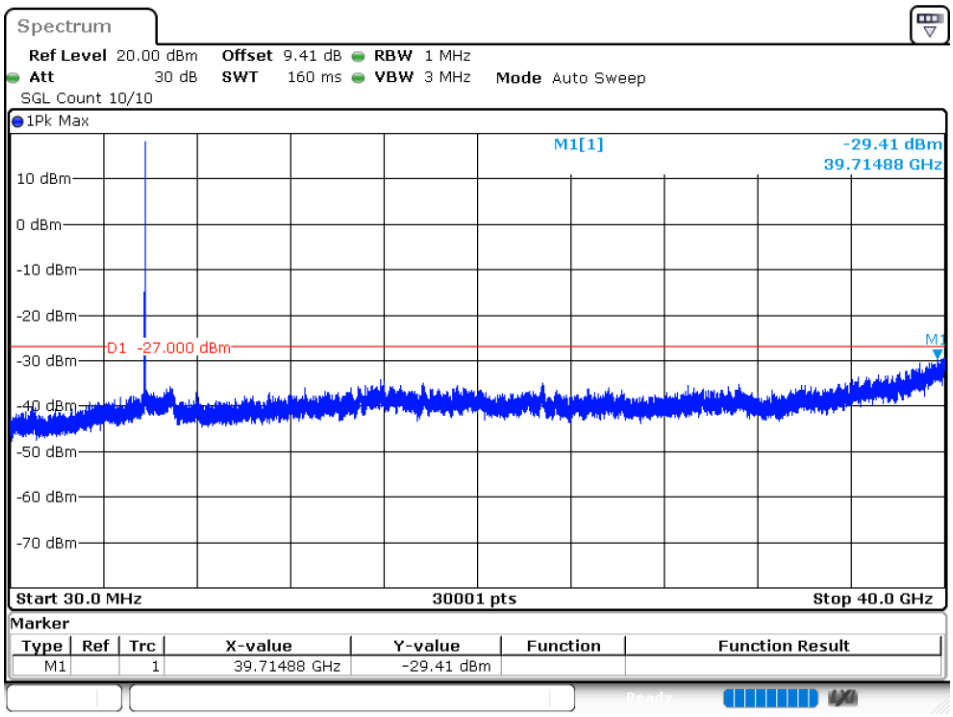
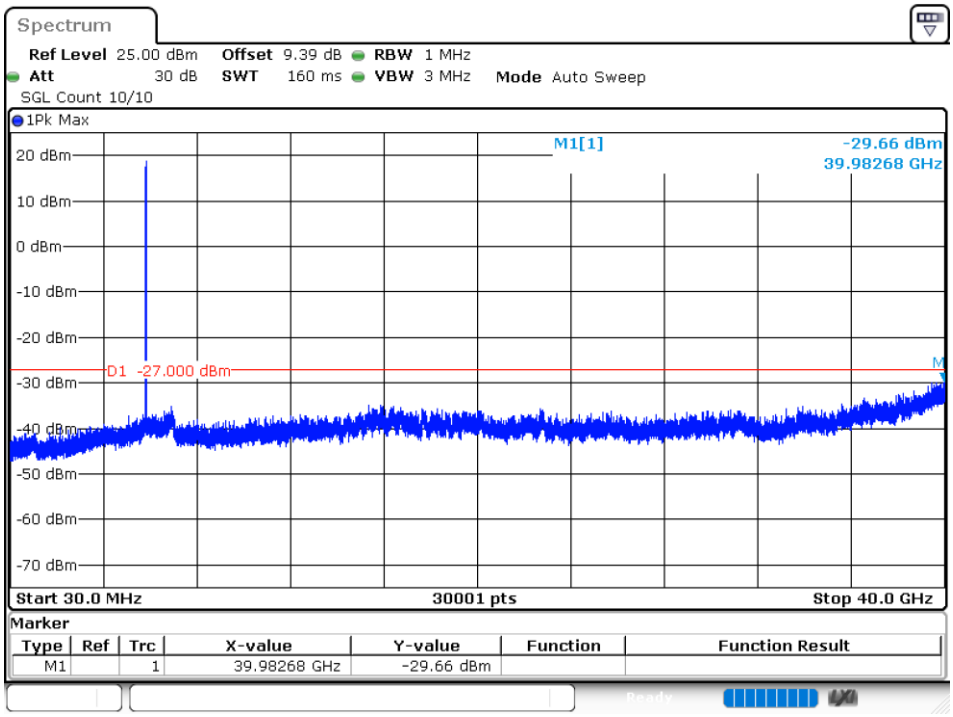
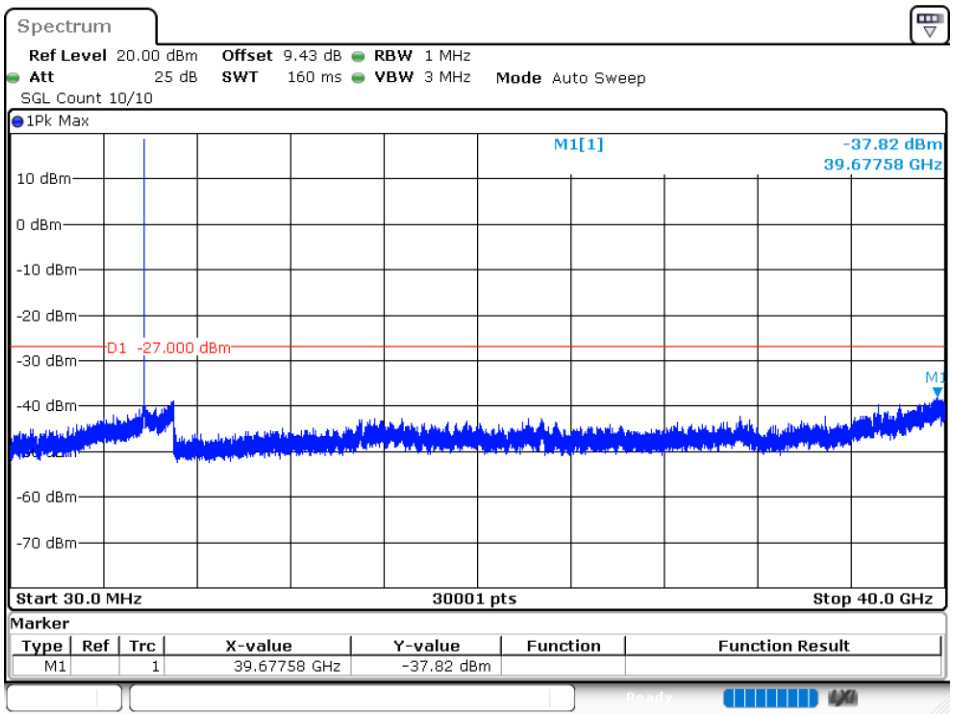


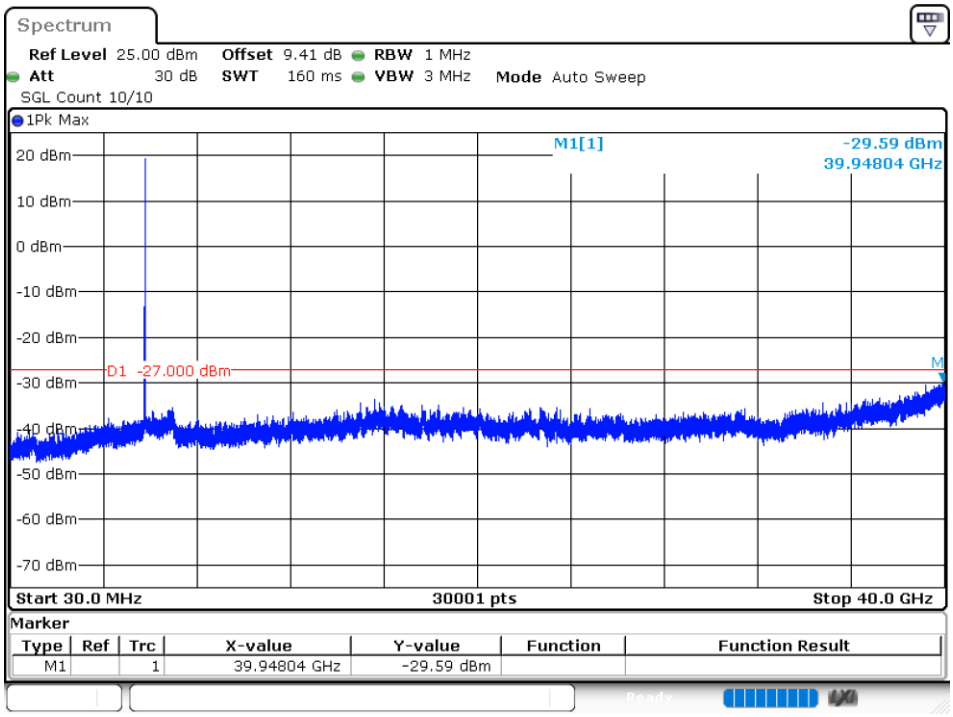
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



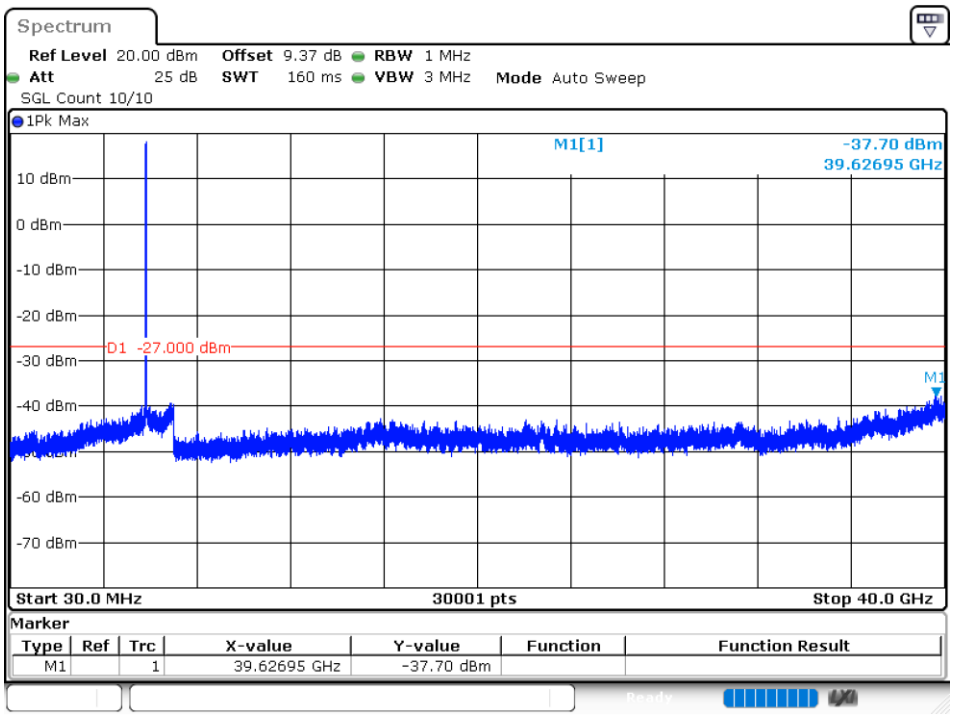
Tx. Spurious NVNT ac20 5745MHz Ant2 Emission



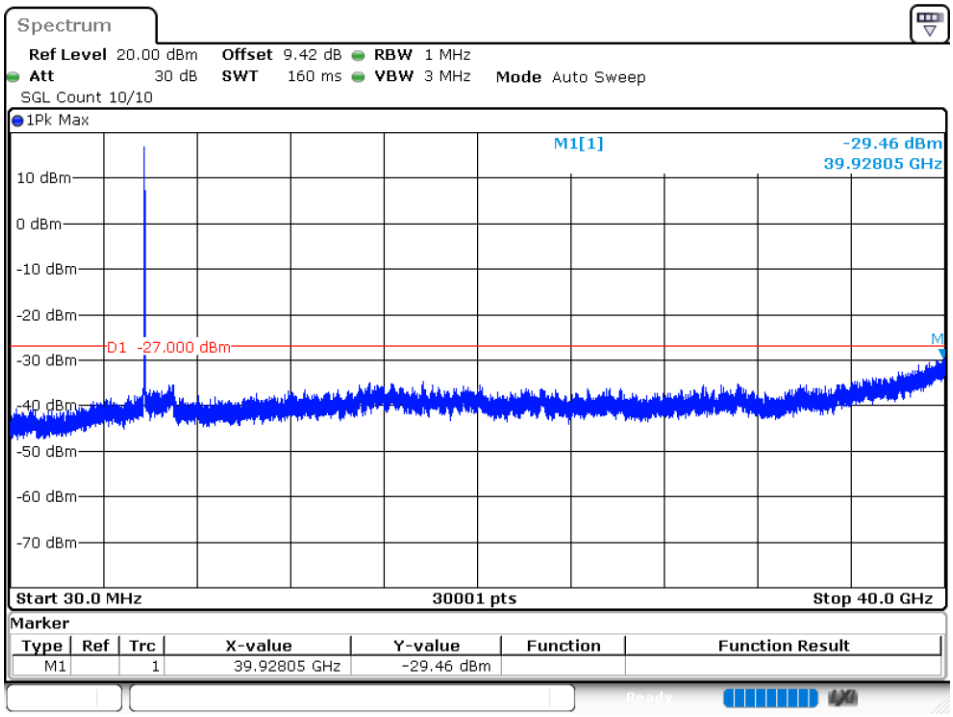
Tx. Spurious NVNT ac20 5785MHz Ant2 Emission



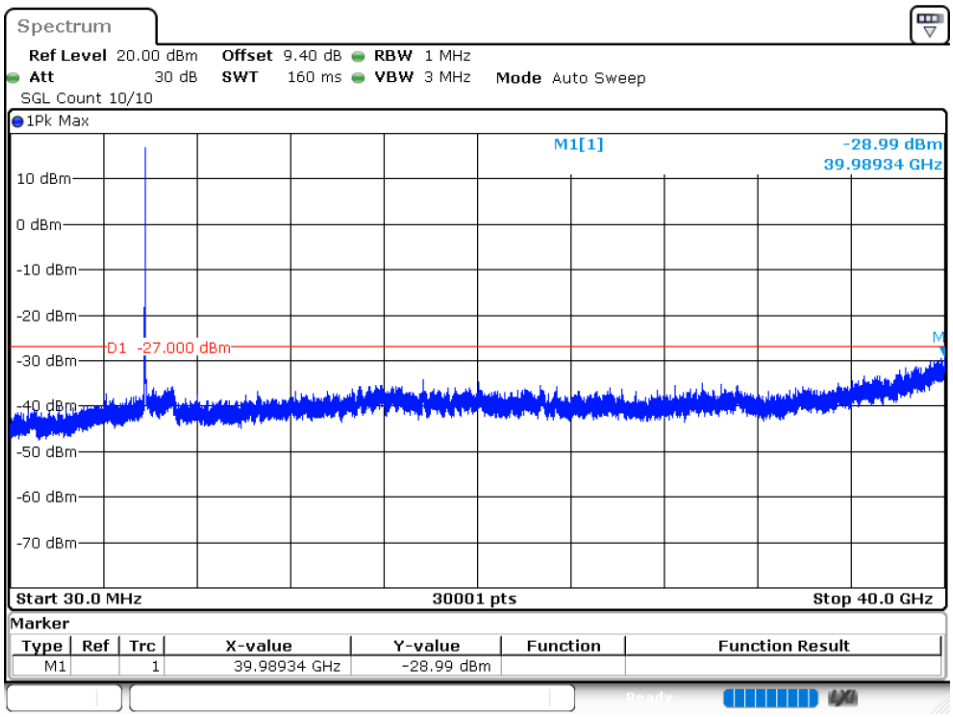
Tx. Spurious NVNT ac20 5825MHz Ant2 Emission



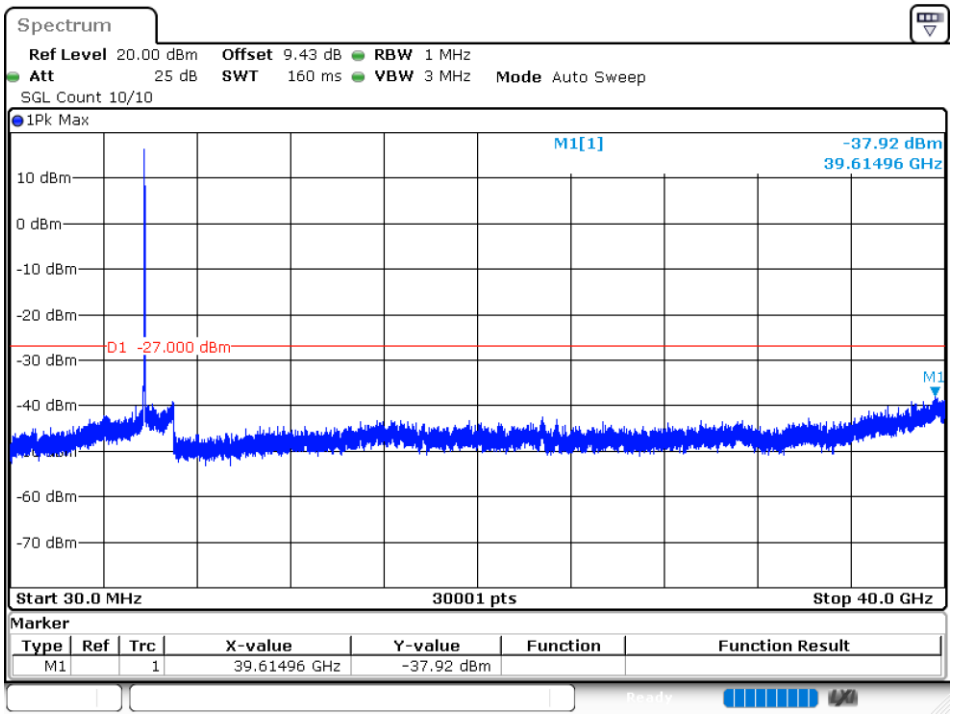
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



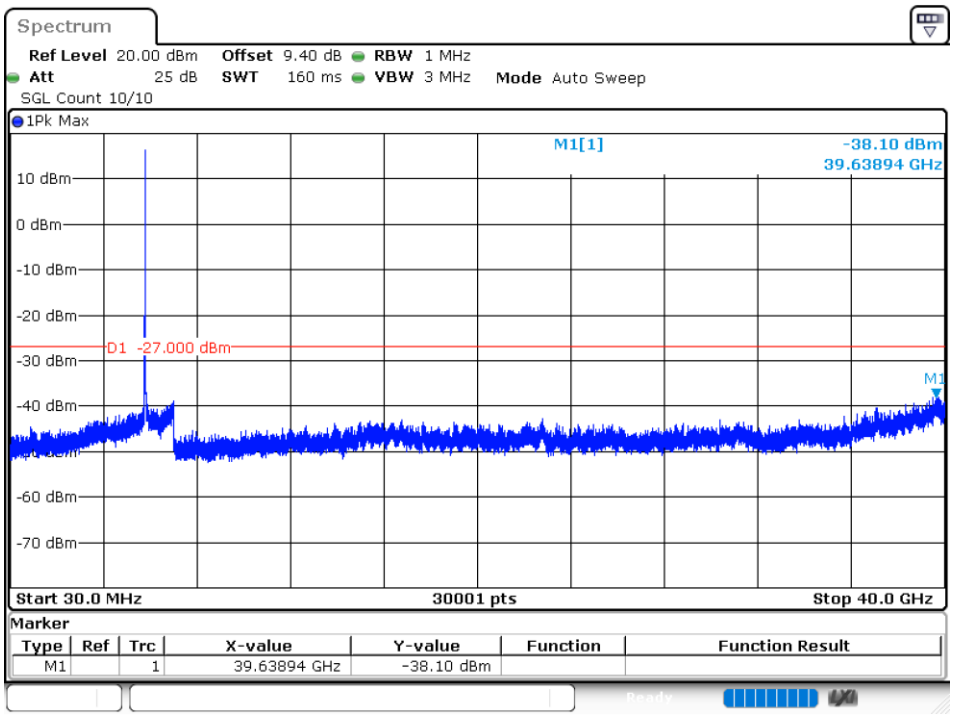
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



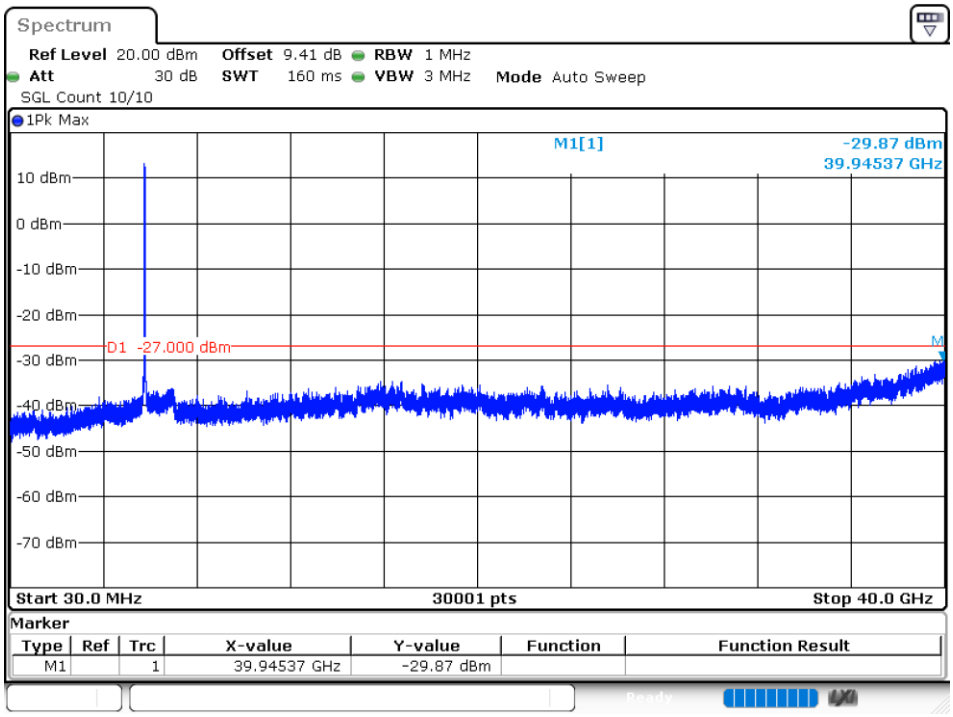
Tx. Spurious NVNT ac40 5755MHz Ant2 Emission



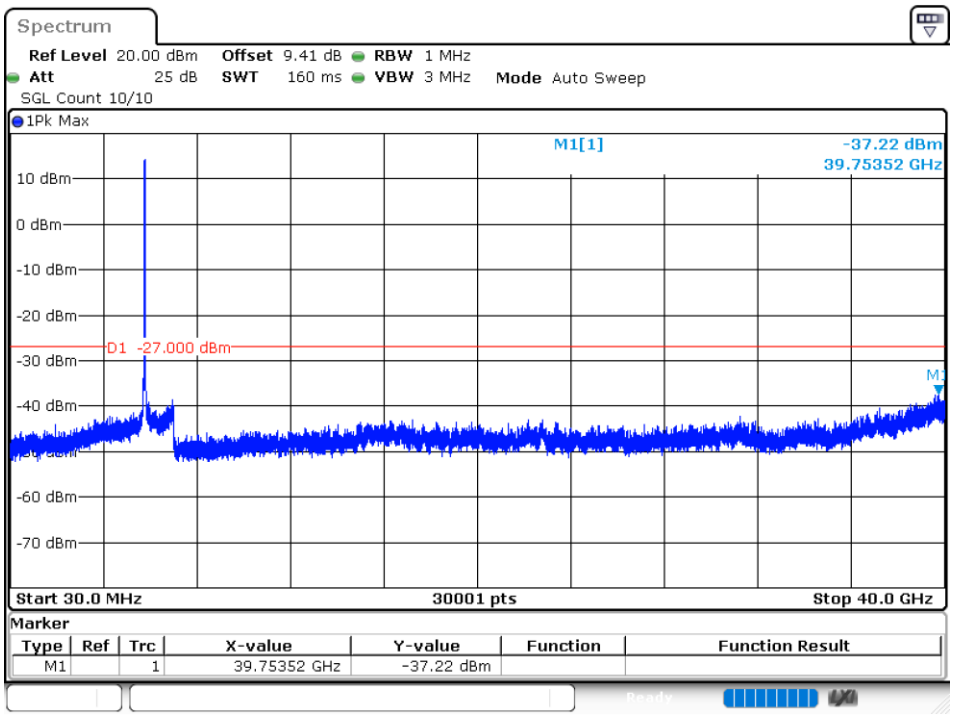
Tx. Spurious NVNT ac40 5795MHz Ant2 Emission



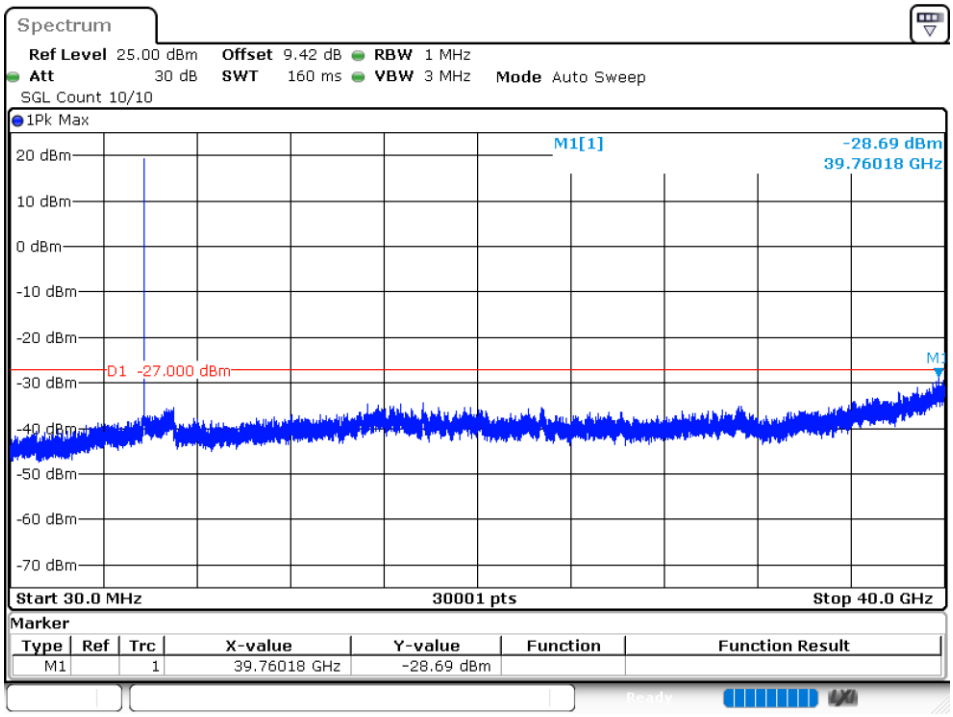
Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



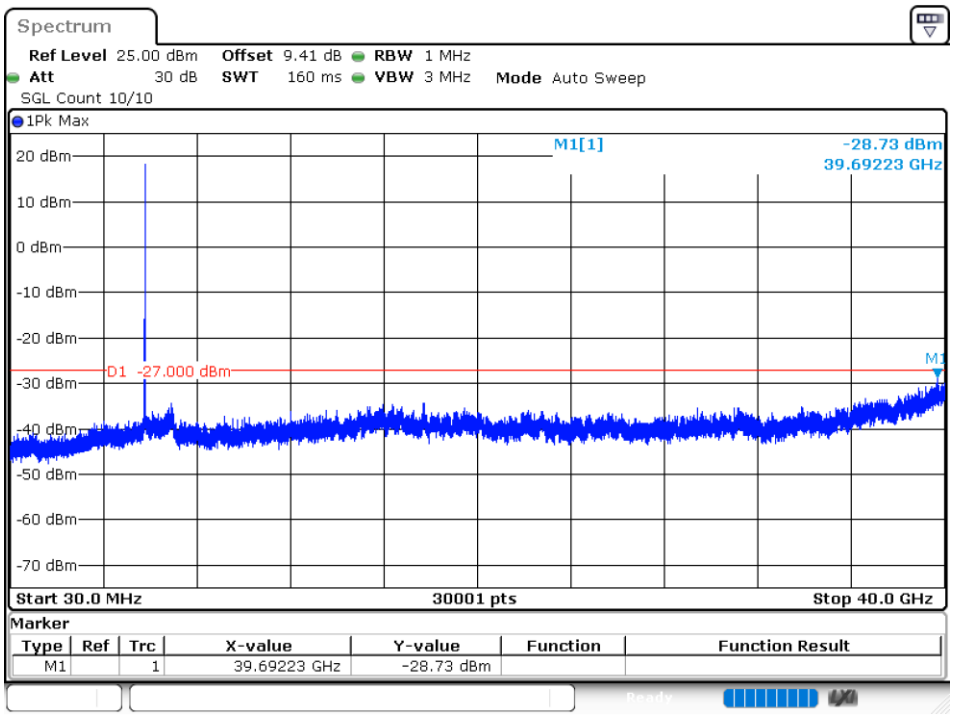
Tx. Spurious NVNT ac80 5775MHz Ant2 Emission



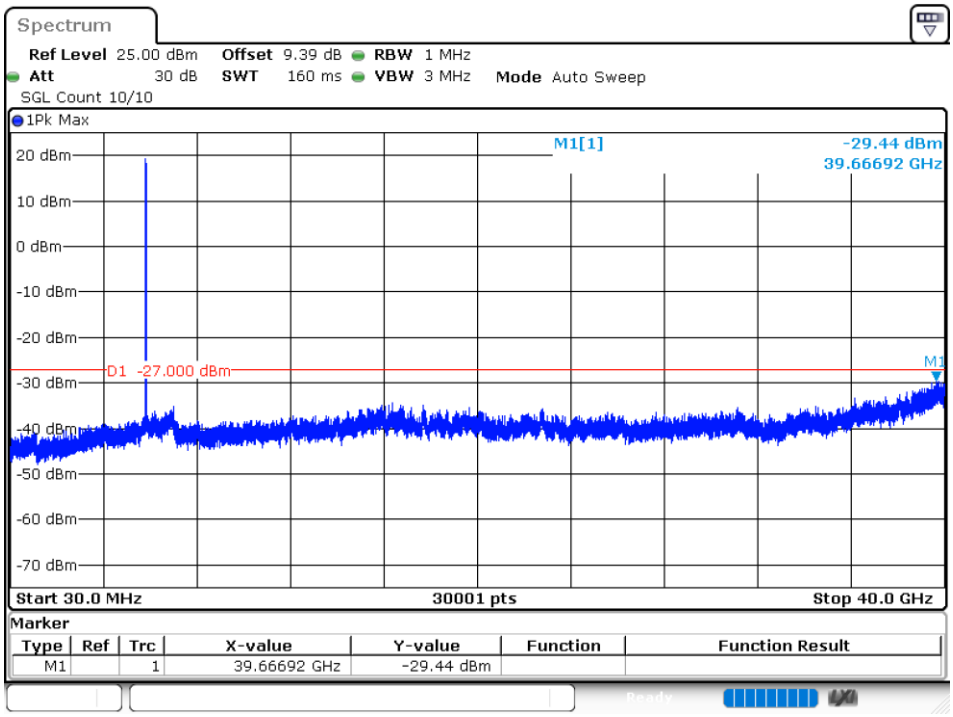
Tx. Spurious NVNT ax20 5745MHz Ant1 Emission



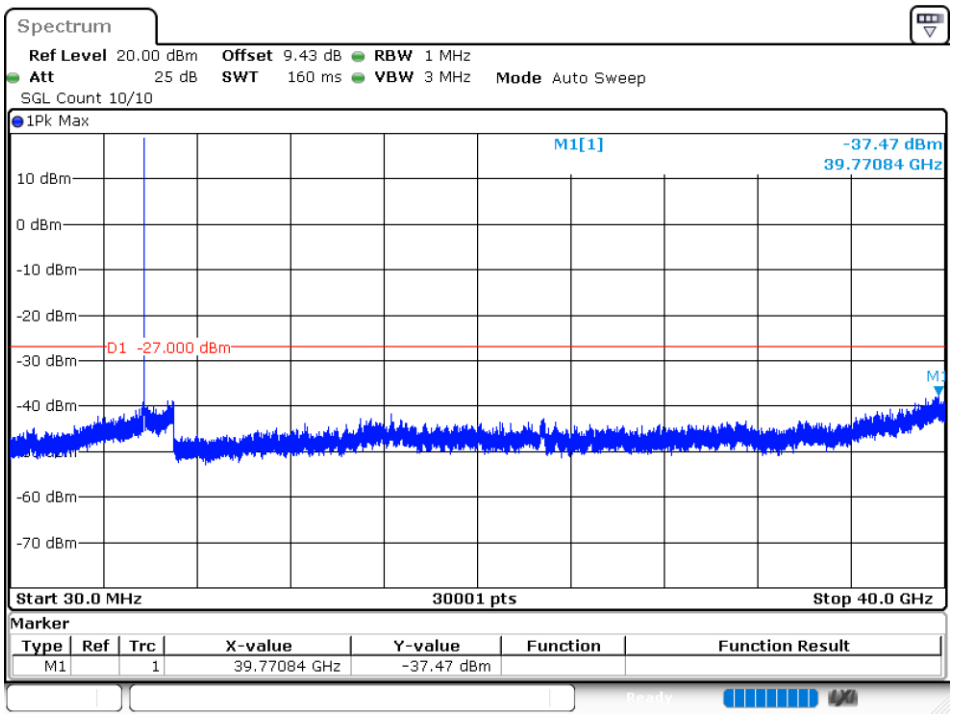
Tx. Spurious NVNT ax20 5785MHz Ant1 Emission



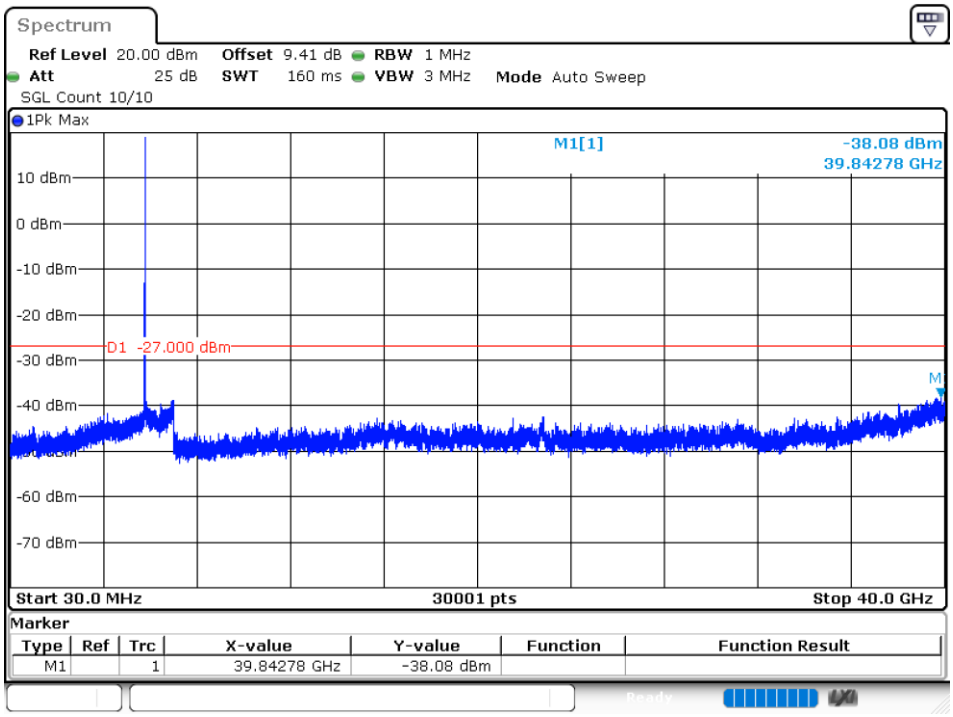
Tx. Spurious NVNT ax20 5825MHz Ant1 Emission



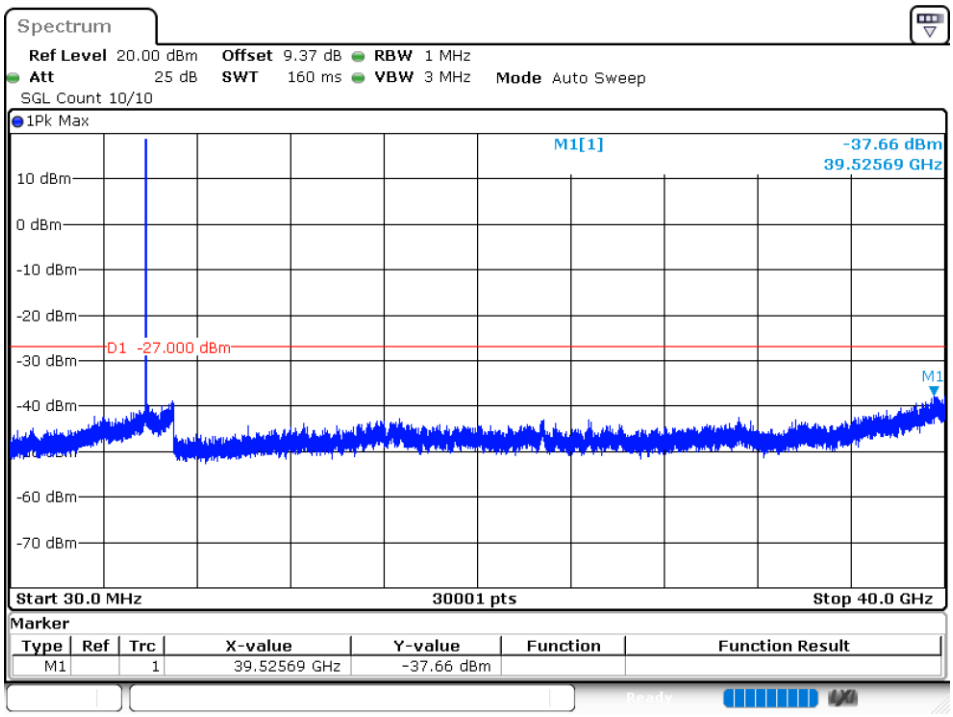
Tx. Spurious NVNT ax20 5745MHz Ant2 Emission



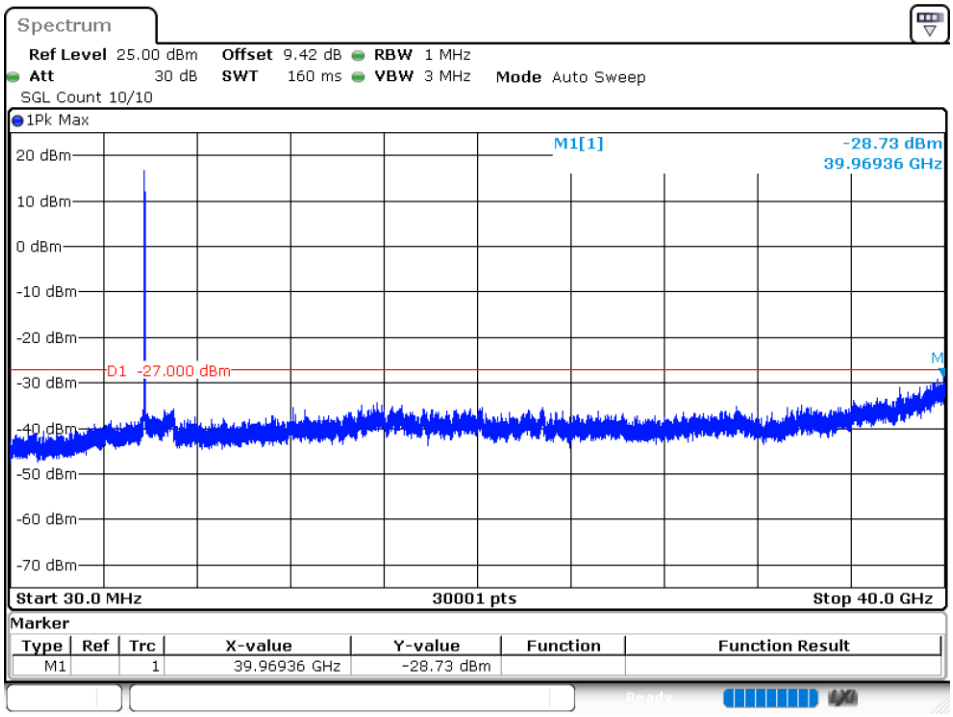
Tx. Spurious NVNT ax20 5785MHz Ant2 Emission



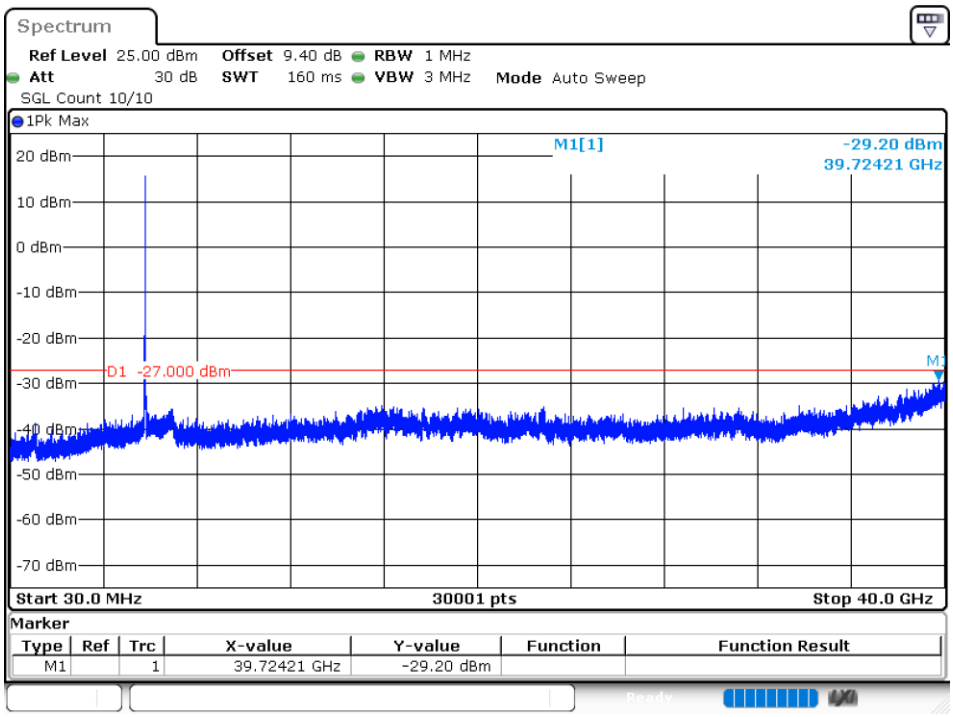
Tx. Spurious NVNT ax20 5825MHz Ant2 Emission



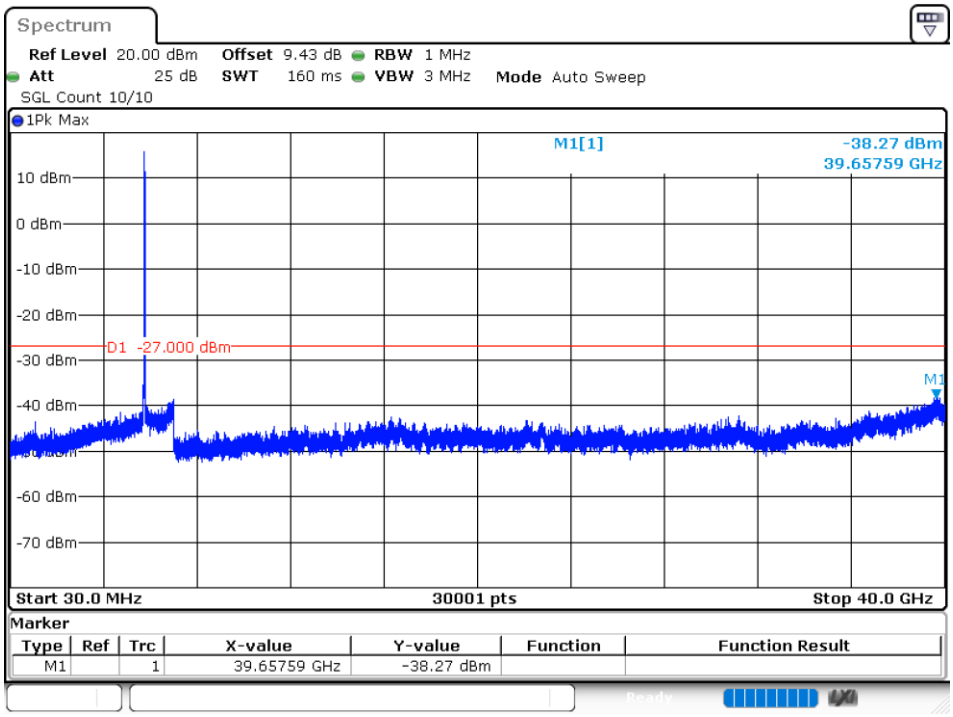
Tx. Spurious NVNT ax40 5755MHz Ant1 Emission



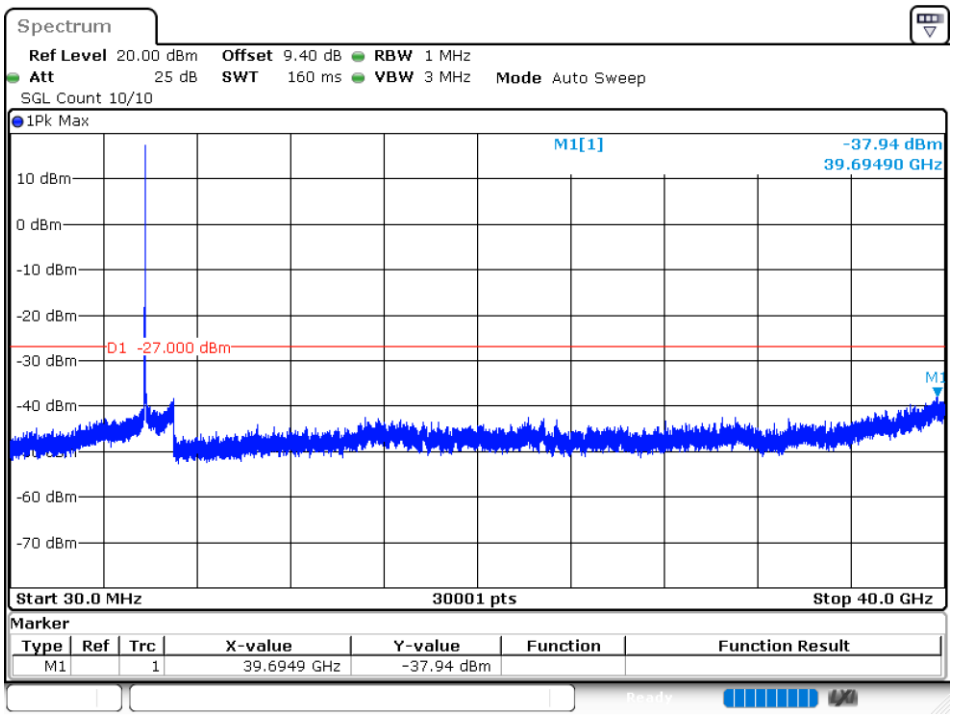
Tx. Spurious NVNT ax40 5795MHz Ant1 Emission



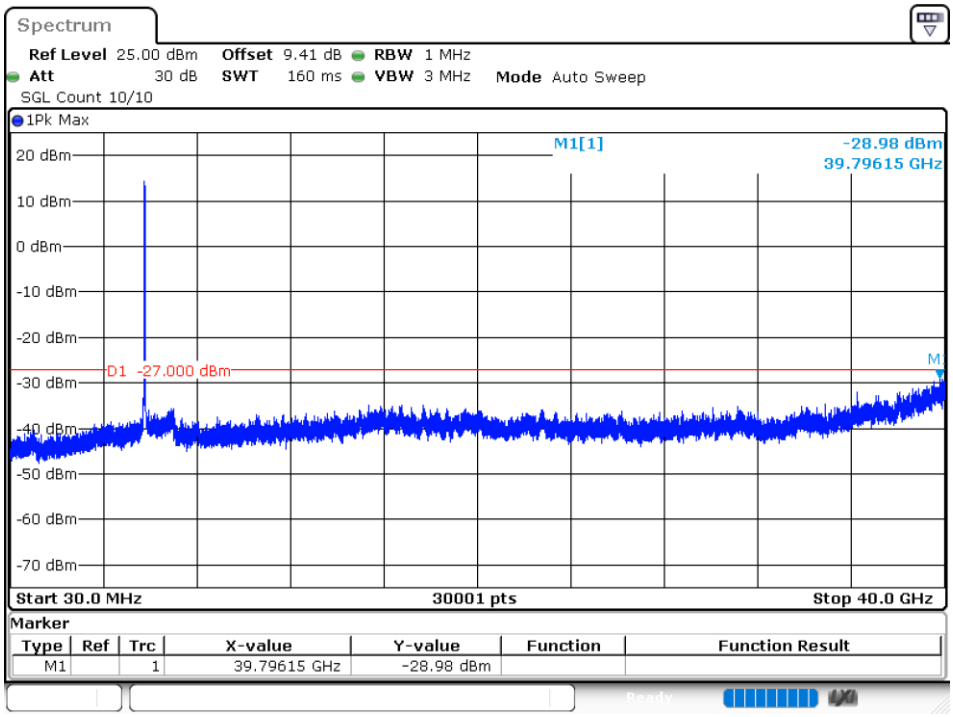
Tx. Spurious NVNT ax40 5755MHz Ant2 Emission



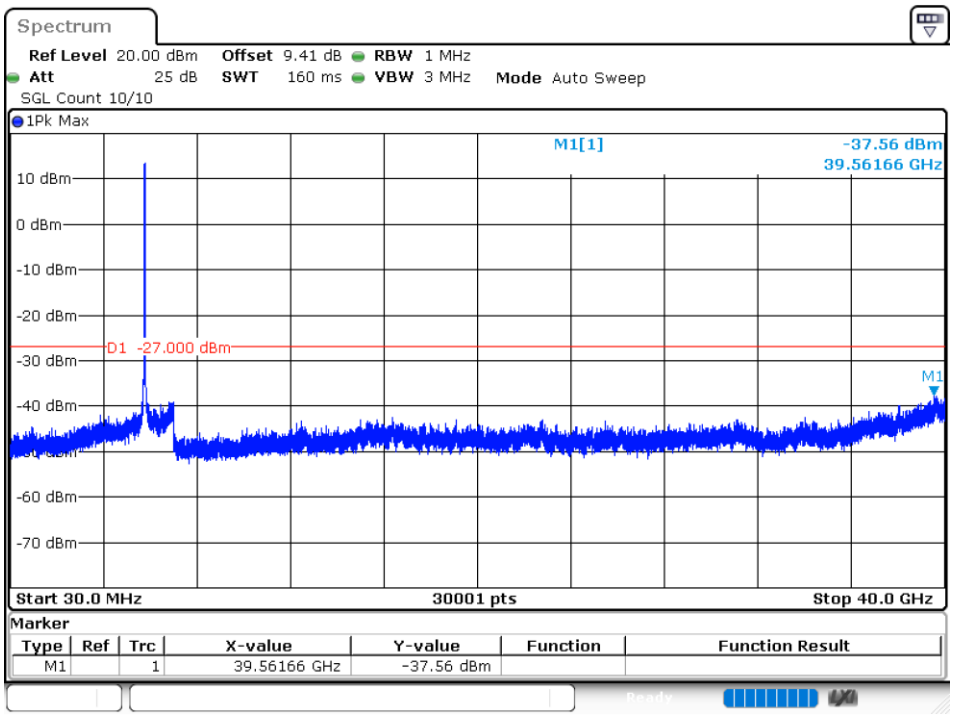
Tx. Spurious NVNT ax40 5795MHz Ant2 Emission



Tx. Spurious NVNT ax80 5775MHz Ant1 Emission



Tx. Spurious NVNT ax80 5775MHz Ant2 Emission



5.8G WIFI MIMO

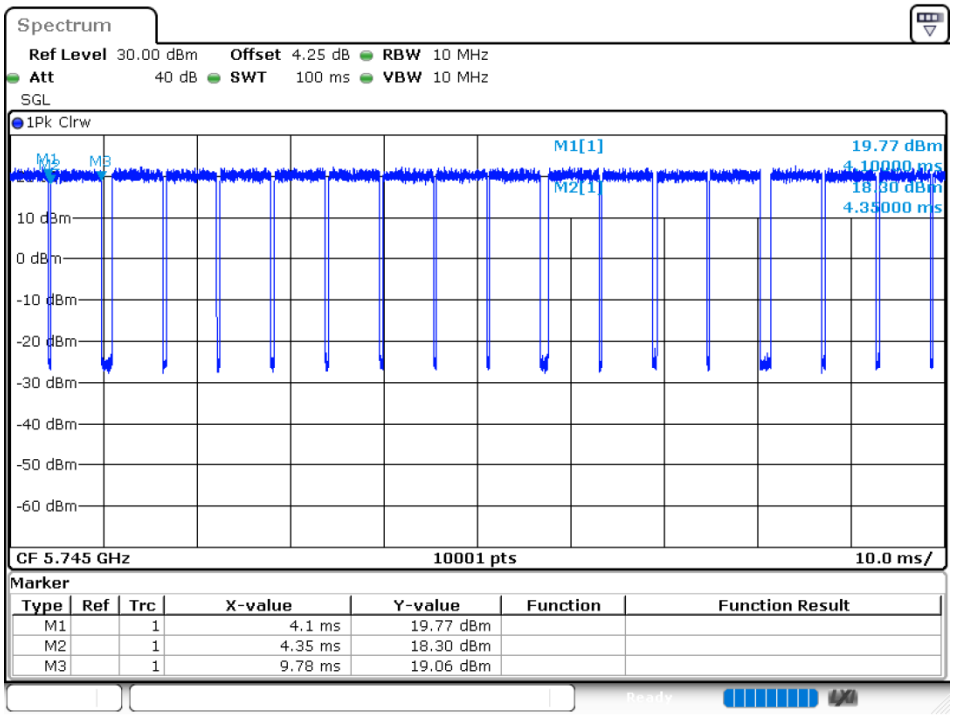
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5745	Ant1	92.42	0.34	0.18
NVNT	ac20	5785	Ant1	92.36	0.35	0.18
NVNT	ac20	5825	Ant1	91.59	0.38	0.18
NVNT	ac40	5755	Ant1	92.66	0.33	0.18
NVNT	ac40	5795	Ant1	94.37	0.25	0.18
NVNT	ac80	5775	Ant1	91.99	0.36	0.18
NVNT	ax20	5745	Ant1	94.93	0.23	0.18
NVNT	ax20	5785	Ant1	94.63	0.24	0.18
NVNT	ax20	5825	Ant1	95.39	0.2	0.18
NVNT	ax40	5755	Ant1	94.88	0.23	0.18
NVNT	ax40	5795	Ant1	96.39	0.16	33.33
NVNT	ax80	5775	Ant1	94.66	0.24	0.18
NVNT	n20	5745	Ant1	92.38	0.34	0.18
NVNT	n20	5785	Ant1	91.88	0.37	0.18
NVNT	n20	5825	Ant1	91.76	0.37	0.18
NVNT	n40	5755	Ant1	93.79	0.28	0.18
NVNT	n40	5795	Ant1	91.76	0.37	0.18

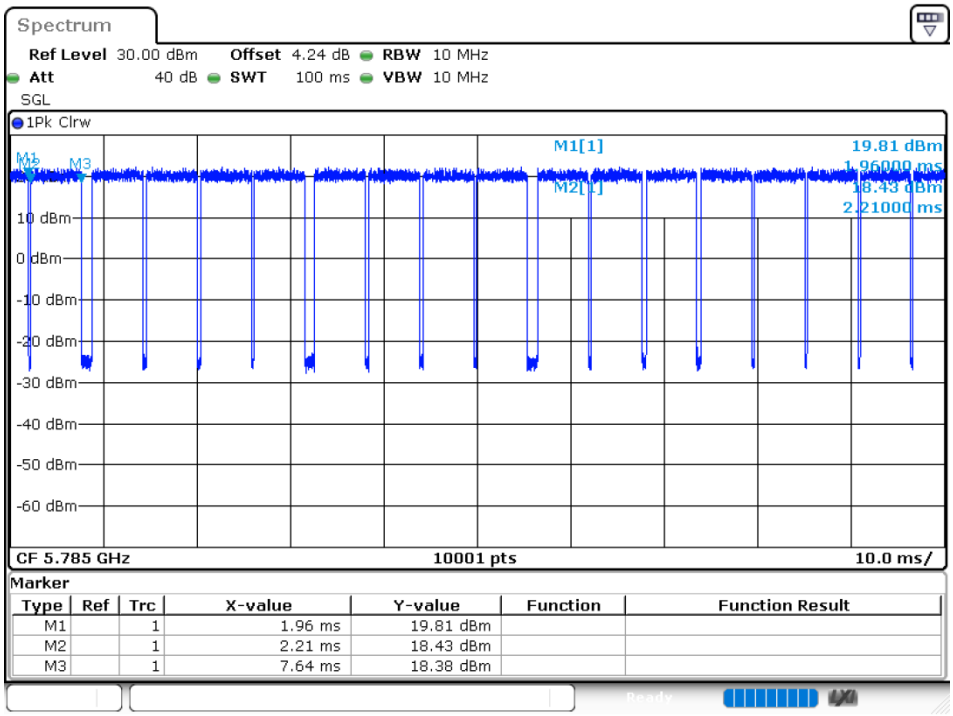
Note: ANT1 and ANT2 have the same duty cycle and only record Ant1.

Test Graphs

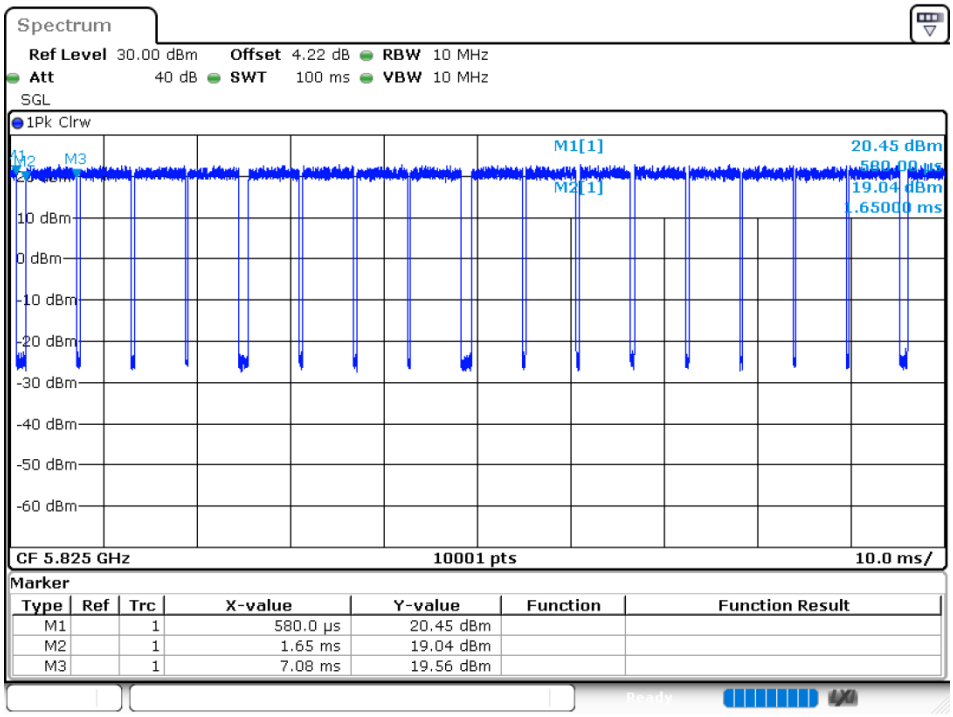
Duty Cycle NVNT ac20 5745MHz Ant1



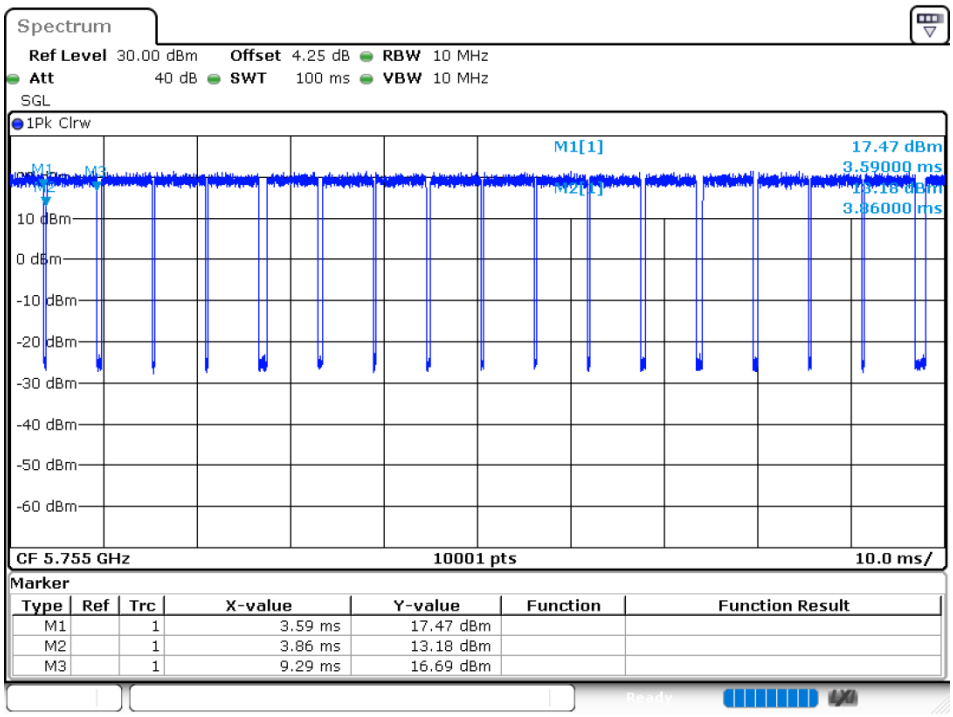
Duty Cycle NVNT ac20 5785MHz Ant1



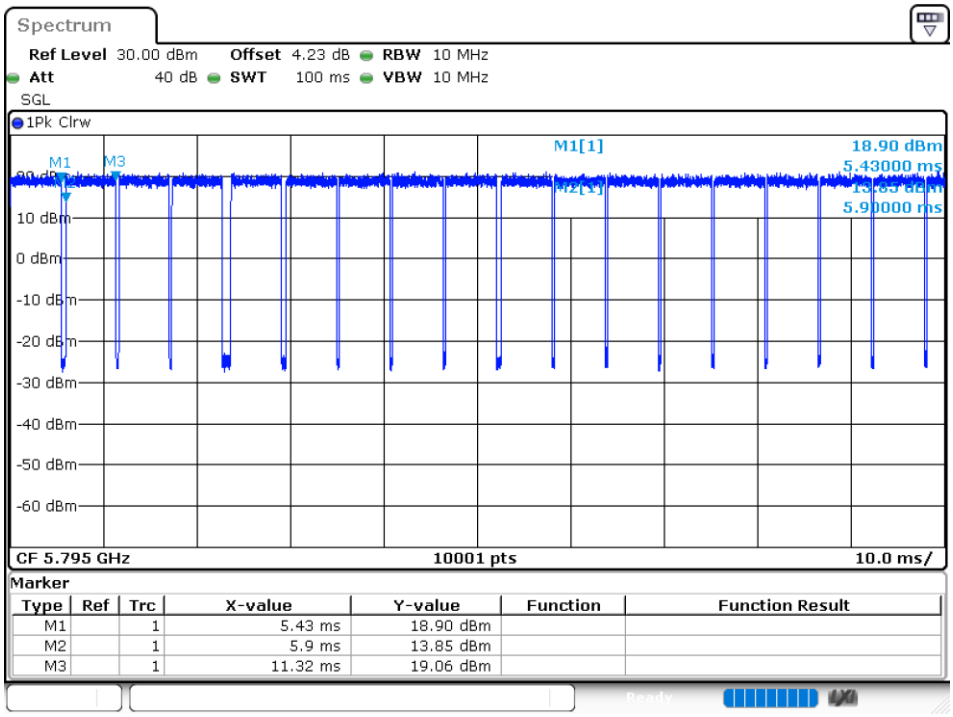
Duty Cycle NVNT ac20 5825MHz Ant1



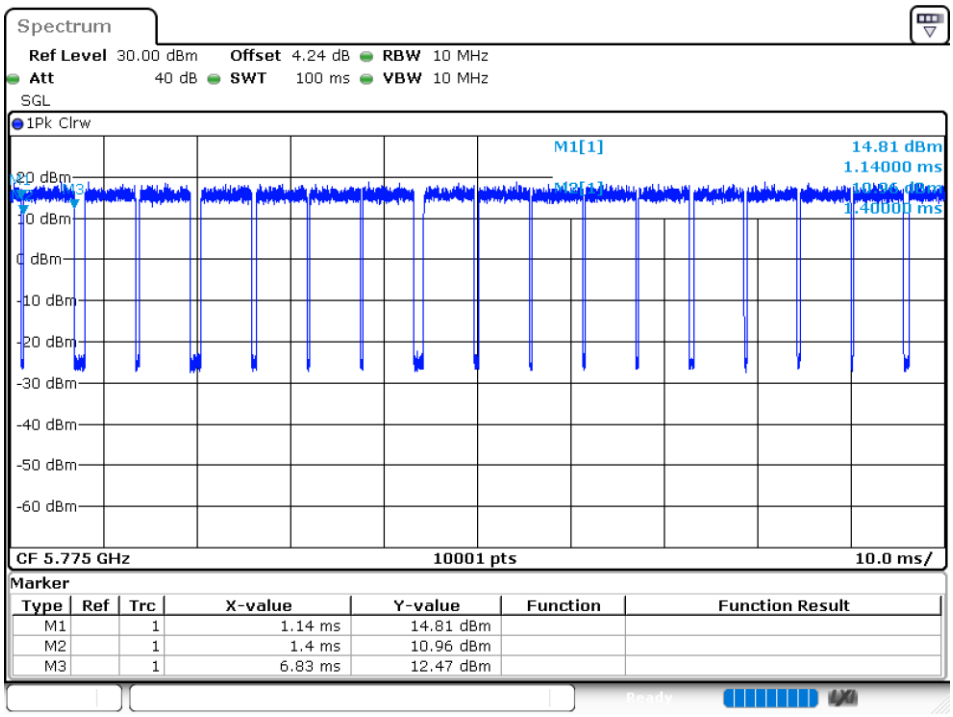
Duty Cycle NVNT ac40 5755MHz Ant1



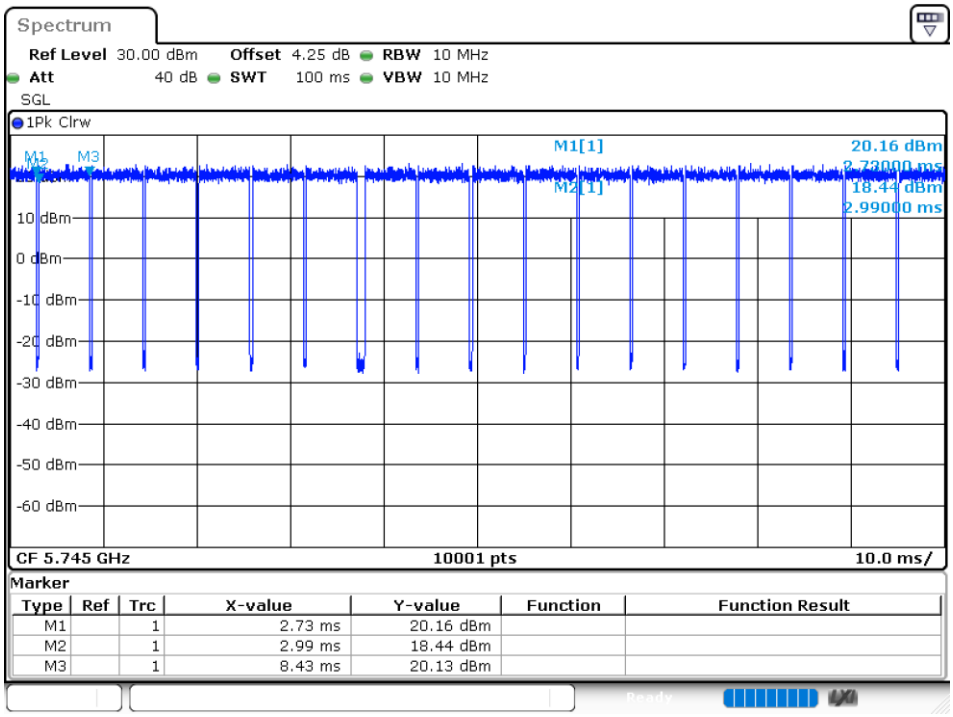
Duty Cycle NVNT ac40 5795MHz Ant1



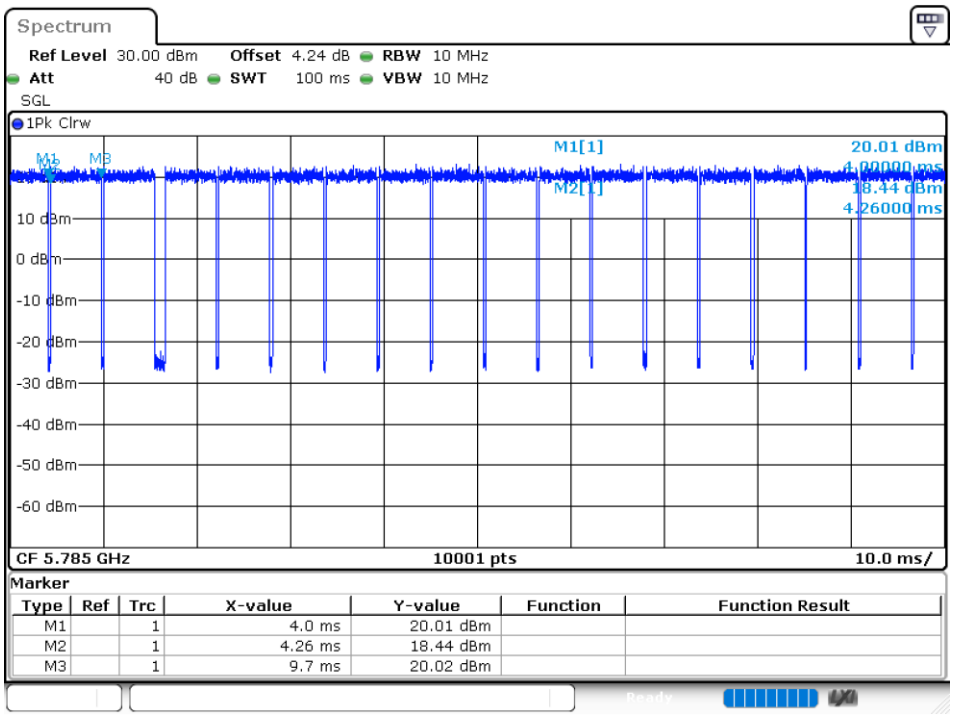
Duty Cycle NVNT ac80 5775MHz Ant1



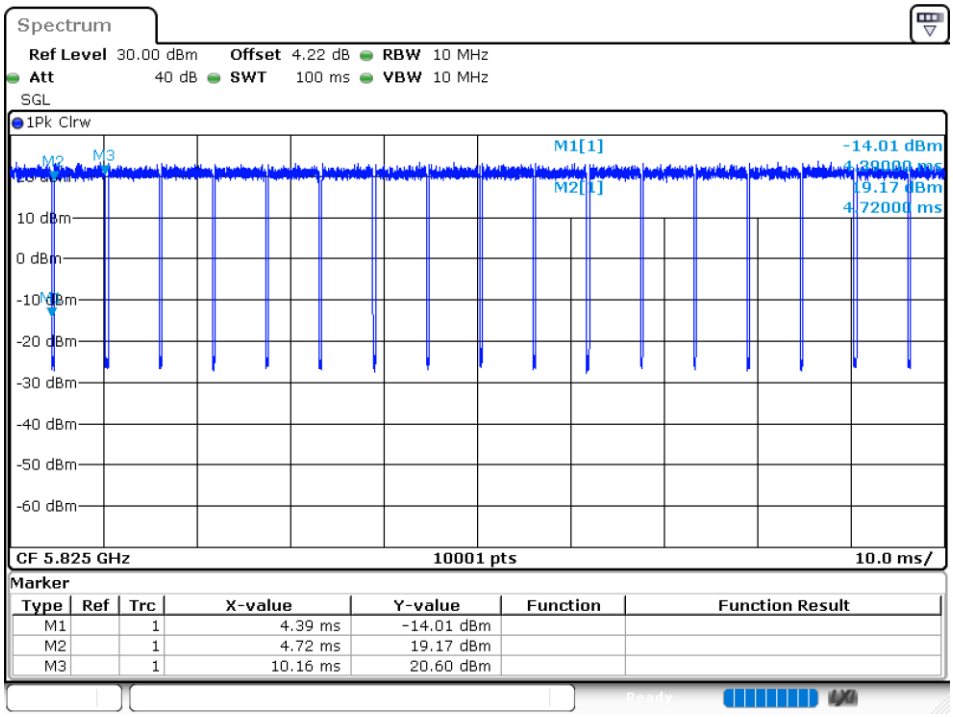
Duty Cycle NVNT ax20 5745MHz Ant1



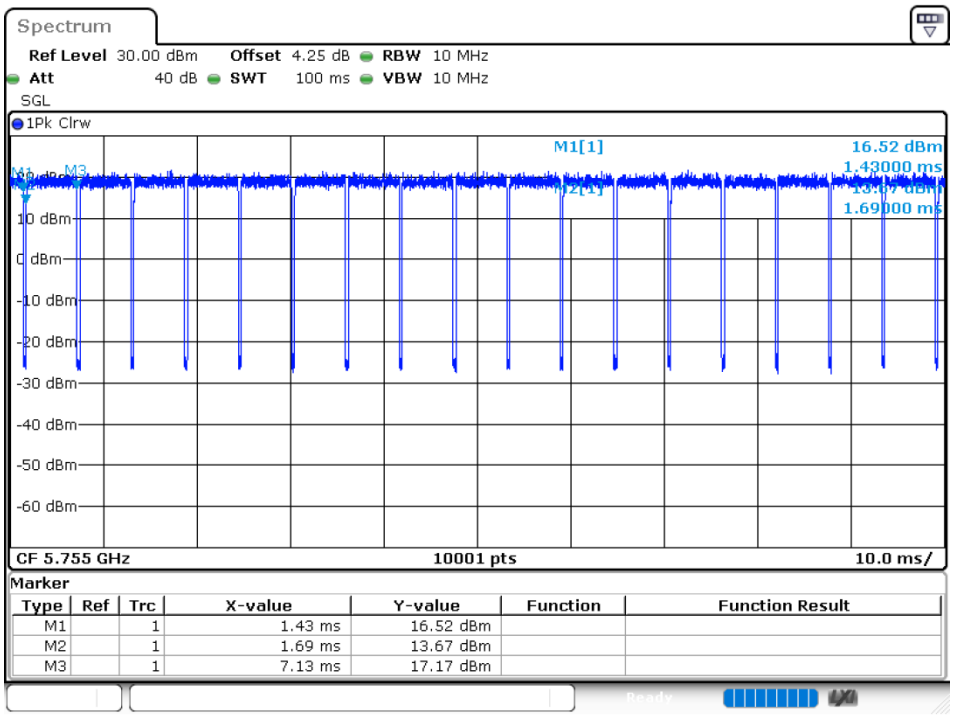
Duty Cycle NVNT ax20 5785MHz Ant1



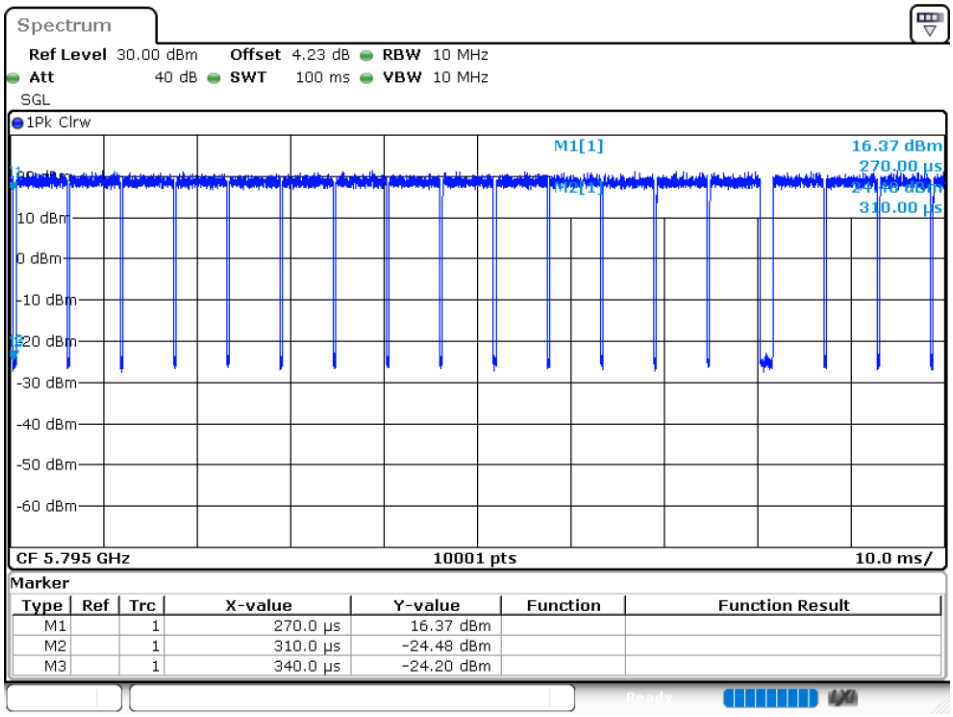
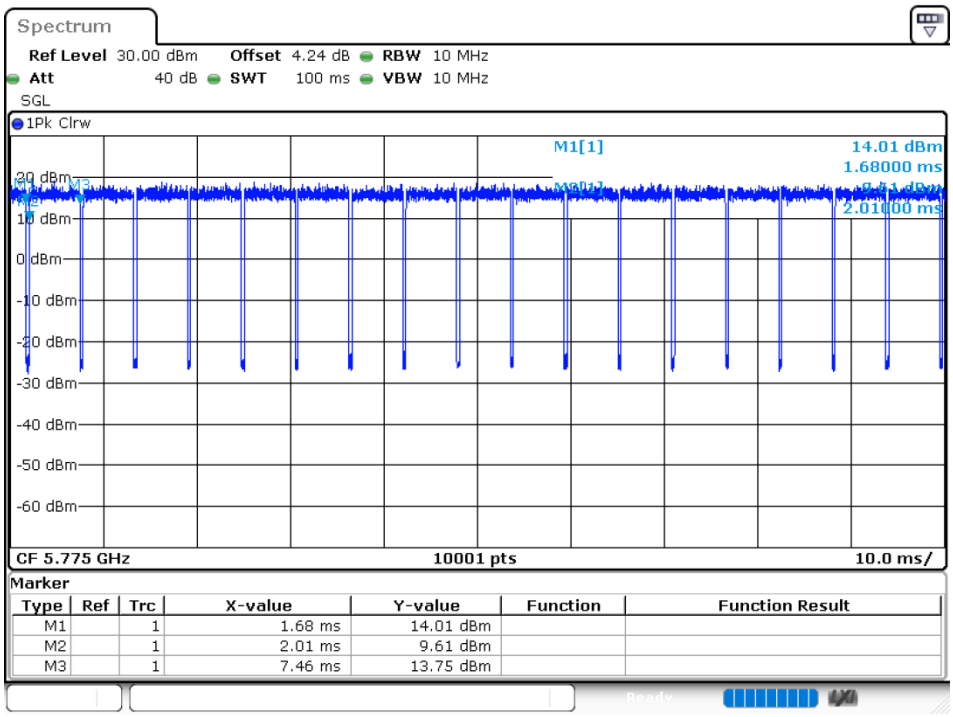
Duty Cycle NVNT ax20 5825MHz Ant1



Duty Cycle NVNT ax40 5755MHz Ant1



Duty Cycle NVNT ax40 5795MHz Ant1



Duty Cycle NVNT ax80 5775MHz Ant1