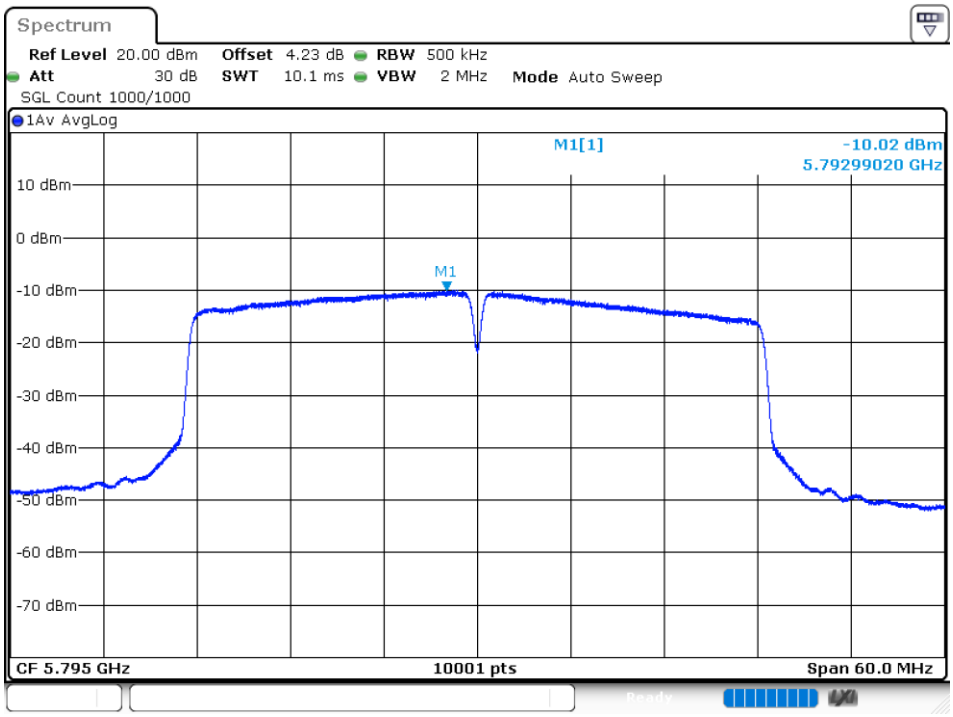
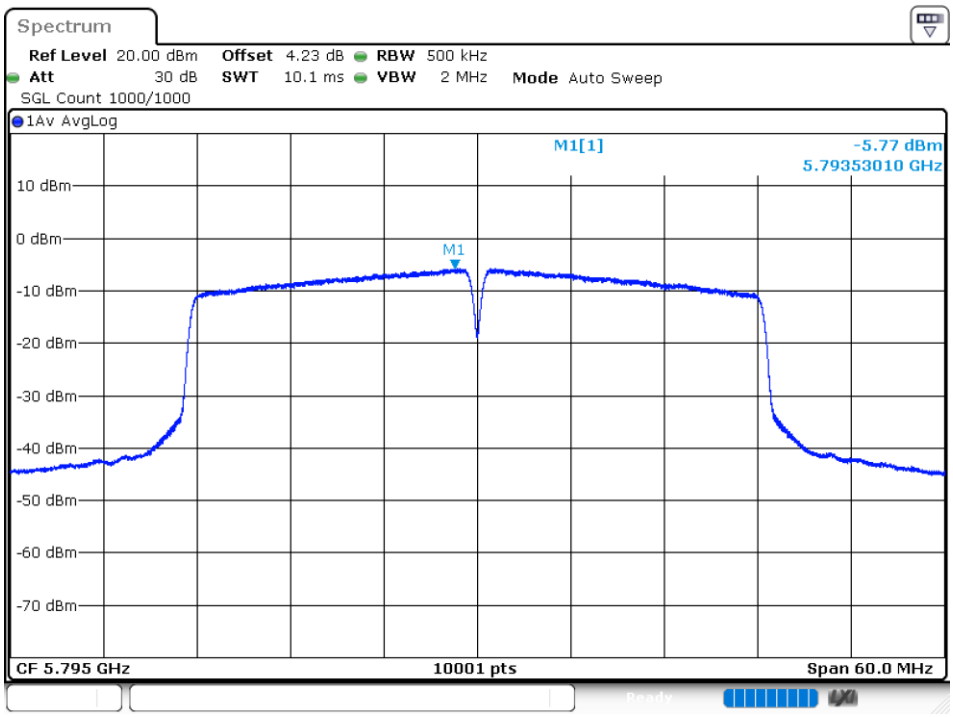
PSD NVNT n40 5795MHz Ant1



PSD NVNT n40 5795MHz Ant2



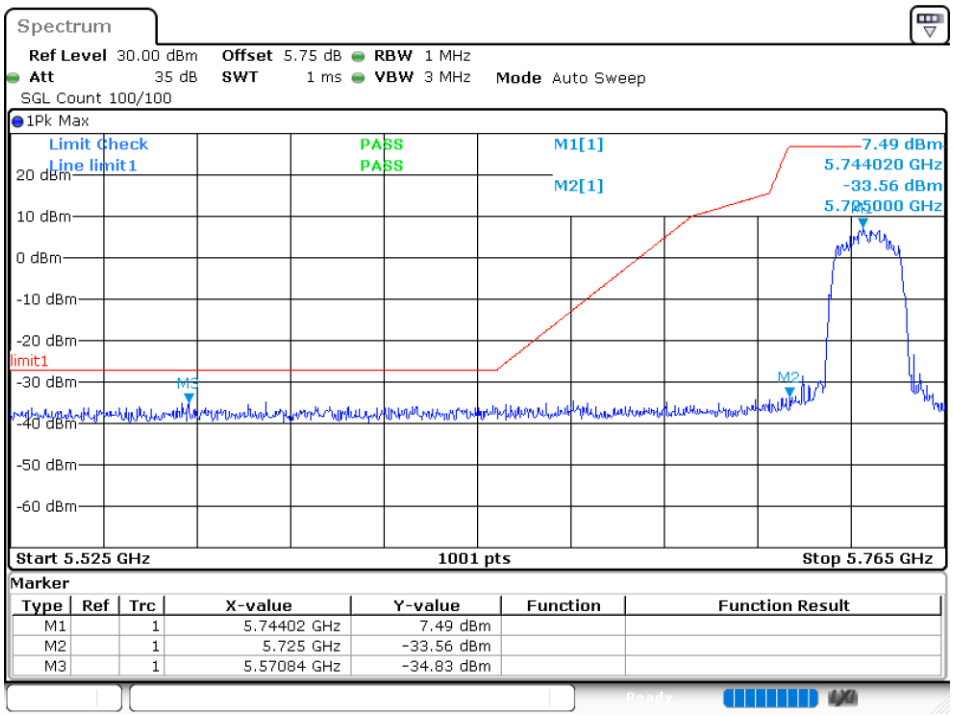
Band Edge

Note：The emissions of ANT 1& ANT 2 both have attenuated 3dB below the limits, so the MIMO mode can be passed.

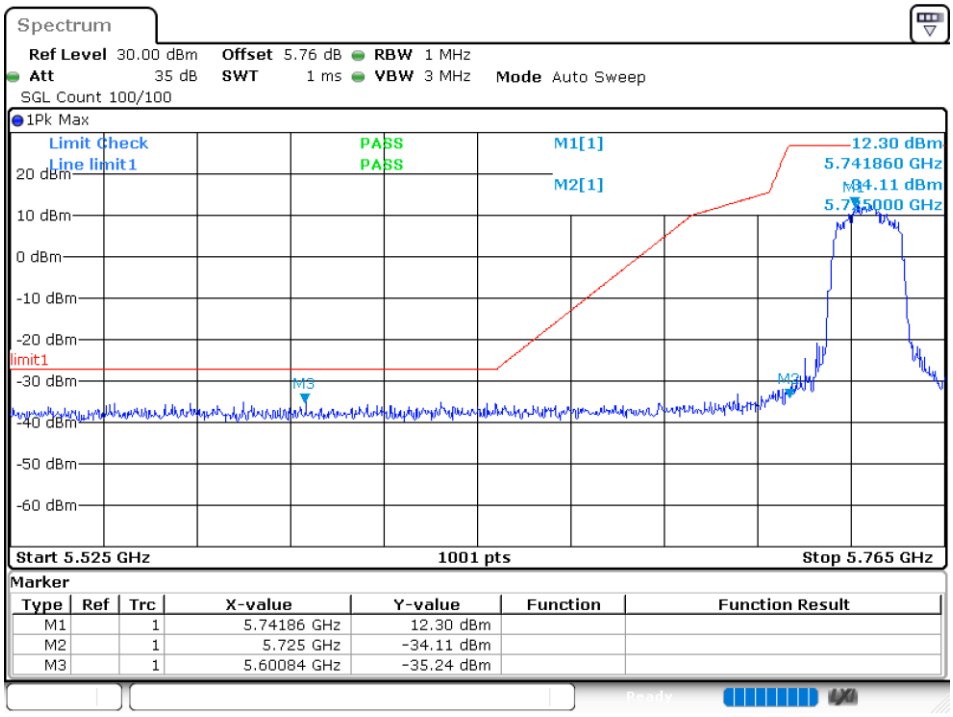
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5745	Ant1	-34.82	-27	Pass
NVNT	ac20	5745	Ant2	-35.24	-27	Pass
NVNT	ac20	5825	Ant1	-33.19	-27	Pass
NVNT	ac20	5825	Ant2	-33.16	-27	Pass
NVNT	ac40	5755	Ant1	-35.21	-27	Pass
NVNT	ac40	5755	Ant2	-34.95	-27	Pass
NVNT	ac40	5795	Ant1	-31.93	-27	Pass
NVNT	ac40	5795	Ant2	-33.2	-27	Pass
NVNT	ac80	5775	Ant1	-35.26	-27	Pass
NVNT	ac80	5775	Ant1	-34.73	-27	Pass
NVNT	ac80	5775	Ant1	-33.47	-27	Pass
NVNT	ac80	5775	Ant2	-33.15	-27	Pass
NVNT	ax20	5745	Ant1	-34.57	-27	Pass
NVNT	ax20	5745	Ant2	-34.24	-27	Pass
NVNT	ax20	5825	Ant1	-32.63	-27	Pass
NVNT	ax20	5825	Ant2	-33.51	-27	Pass
NVNT	ax40	5755	Ant1	-34.87	-27	Pass
NVNT	ax40	5755	Ant2	-34.9	-27	Pass
NVNT	ax40	5795	Ant1	-33.34	-27	Pass
NVNT	ax40	5795	Ant2	-33.06	-27	Pass
NVNT	ax80	5775	Ant1	-35.08	-27	Pass
NVNT	ax80	5775	Ant1	-34.32	-27	Pass
NVNT	ax80	5775	Ant1	-33.51	-27	Pass
NVNT	ax80	5775	Ant2	-33.7	-27	Pass
NVNT	n20	5745	Ant1	-30.71	-27	Pass
NVNT	n20	5745	Ant2	-30.92	-27	Pass
NVNT	n20	5825	Ant1	-33.22	-27	Pass
NVNT	n20	5825	Ant2	-33.82	-27	Pass
NVNT	n40	5755	Ant1	-34.45	-27	Pass
NVNT	n40	5755	Ant2	-35.42	-27	Pass
NVNT	n40	5795	Ant1	-32.99	-27	Pass
NVNT	n40	5795	Ant2	-33.52	-27	Pass

Test Graphs

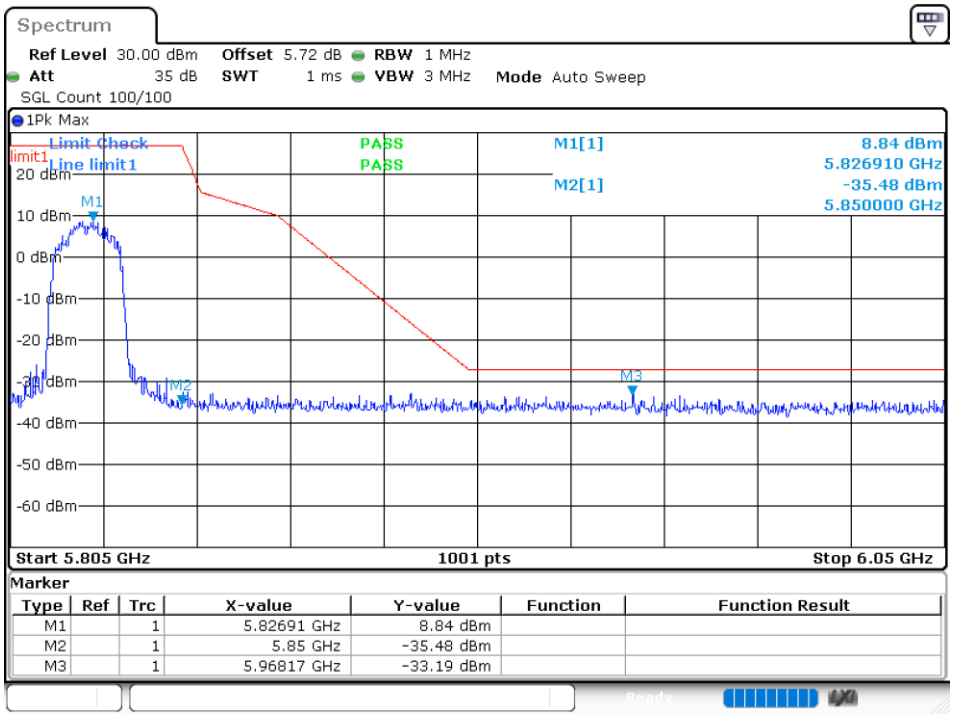
Band Edge NVNT ac20 5745MHz Low Ant1



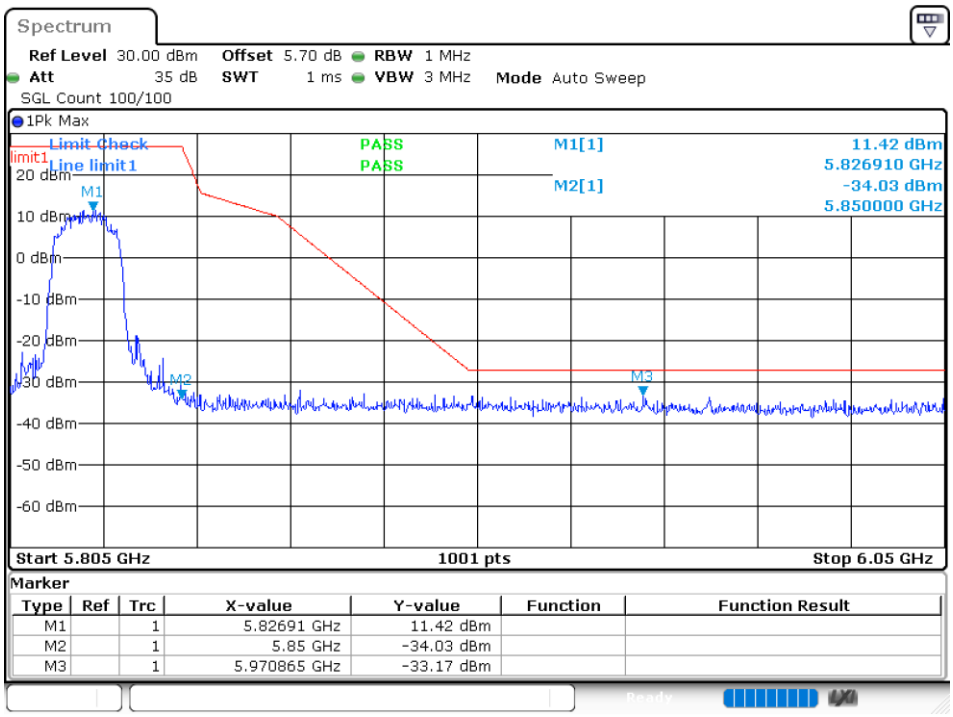
Band Edge NVNT ac20 5745MHz Low Ant2



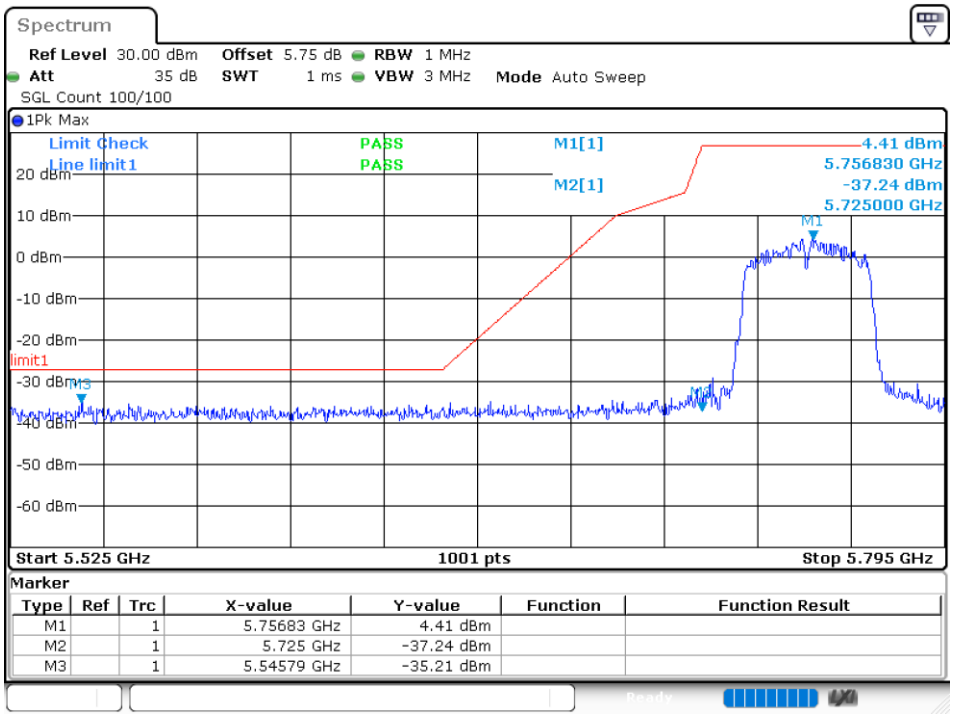
Band Edge NVNT ac20 5825MHz High Ant1



Band Edge NVNT ac20 5825MHz High Ant2



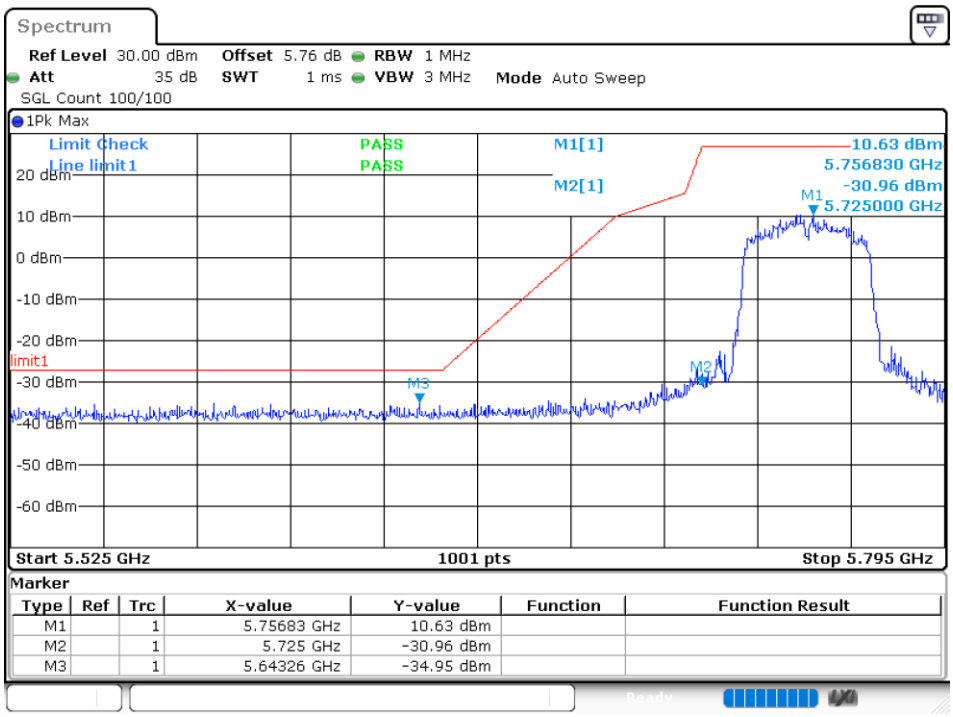
Band Edge NVNT ac40 5755MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.75683 GHz	4.41 dBm		
M2		1	5.725 GHz	-37.24 dBm		
M3		1	5.54579 GHz	-35.21 dBm		

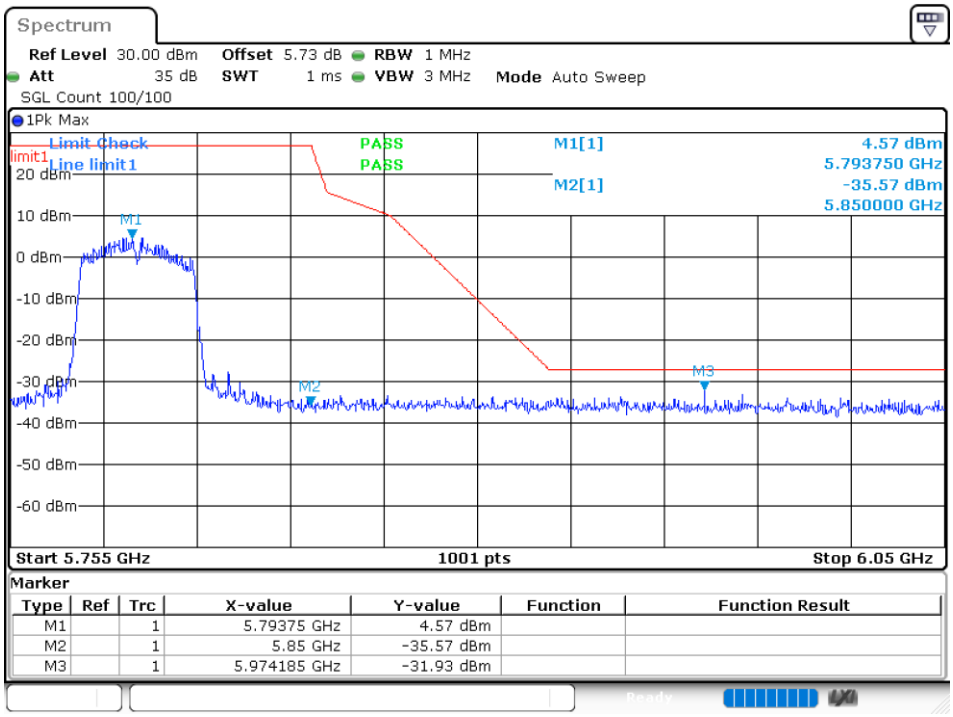
Band Edge NVNT ac40 5755MHz Low Ant2



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.75683 GHz	10.63 dBm		
M2		1	5.725 GHz	-30.96 dBm		
M3		1	5.64326 GHz	-34.95 dBm		

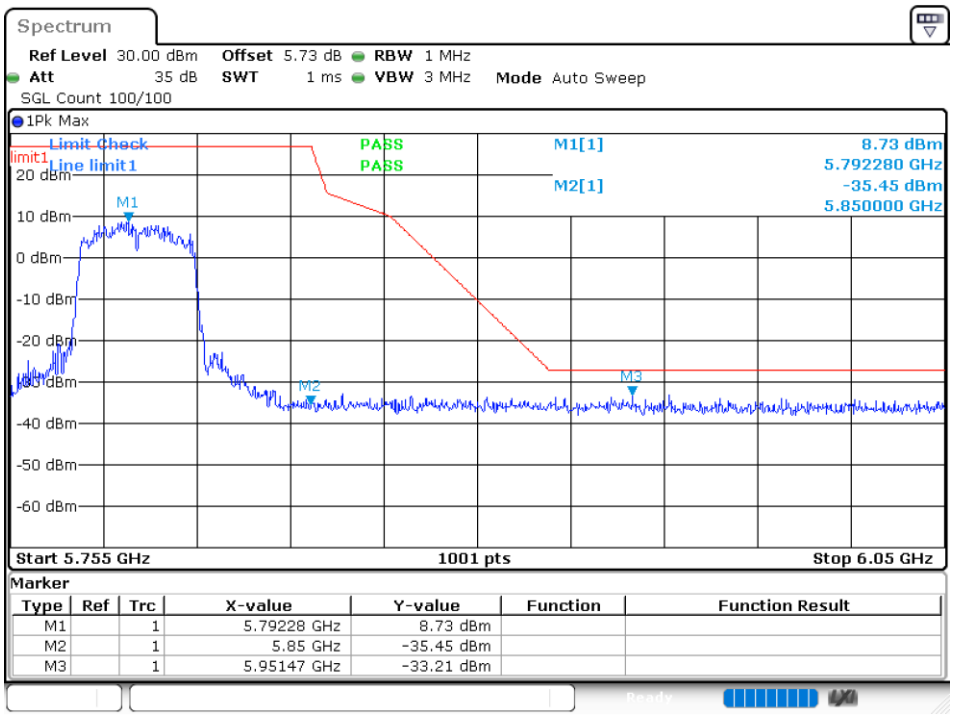
Band Edge NVNT ac40 5795MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.79375 GHz	4.57 dBm		
M2		1	5.85 GHz	-35.57 dBm		
M3		1	5.974185 GHz	-31.93 dBm		

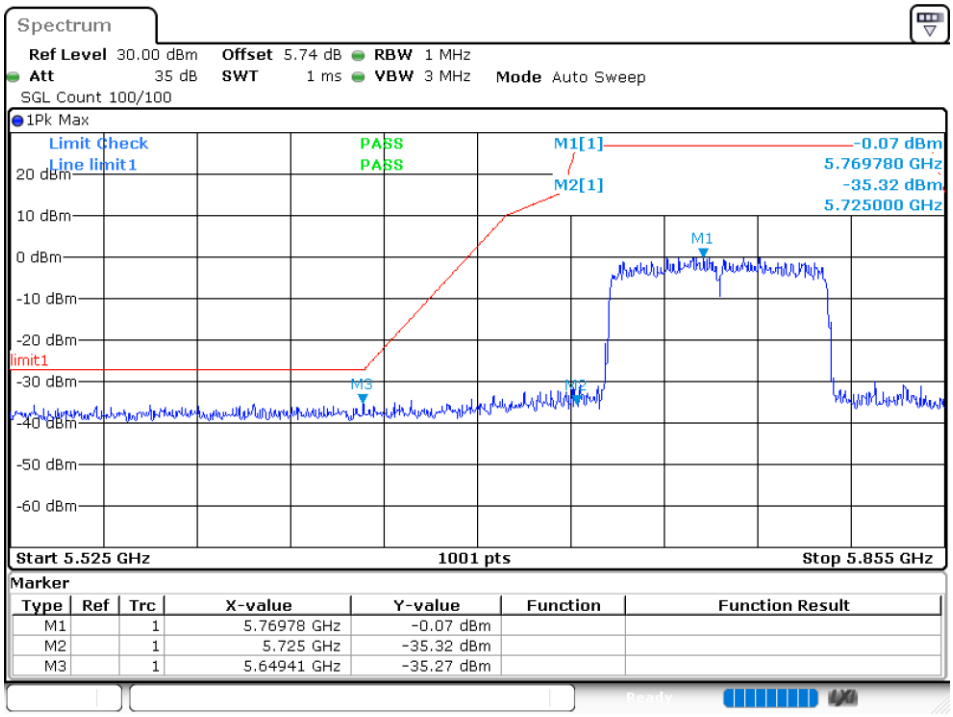
Band Edge NVNT ac40 5795MHz High Ant2



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.79228 GHz	8.73 dBm		
M2		1	5.85 GHz	-35.45 dBm		
M3		1	5.95147 GHz	-33.21 dBm		

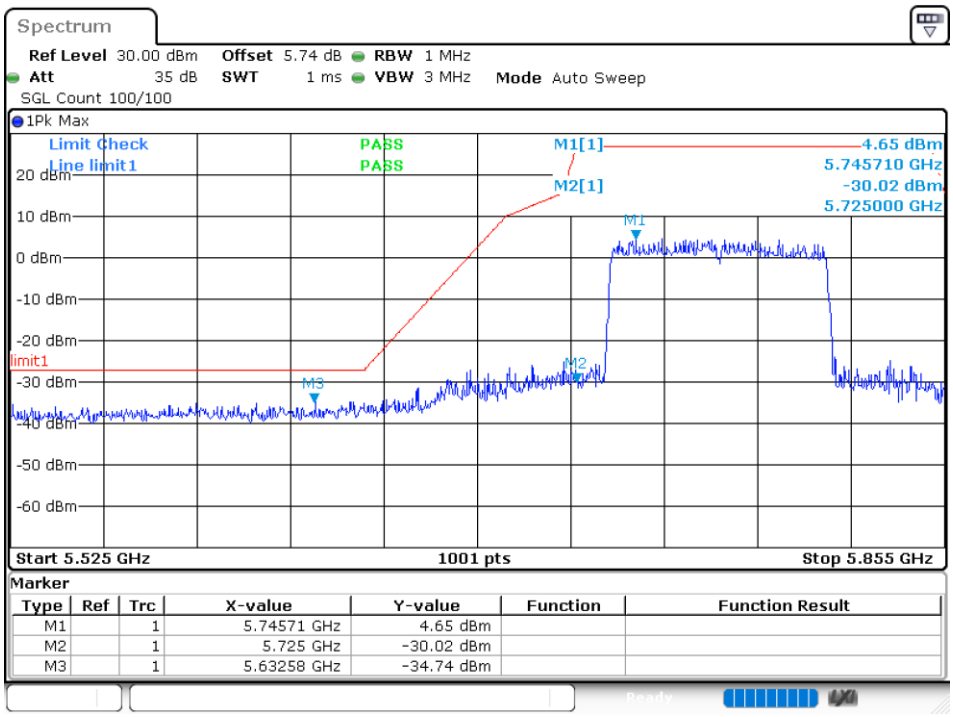
Band Edge NVNT ac80 5775MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.76978 GHz	-0.07 dBm		
M2		1	5.725 GHz	-35.32 dBm		
M3		1	5.64941 GHz	-35.27 dBm		

Band Edge NVNT ac80 5775MHz Low Ant2



Marker

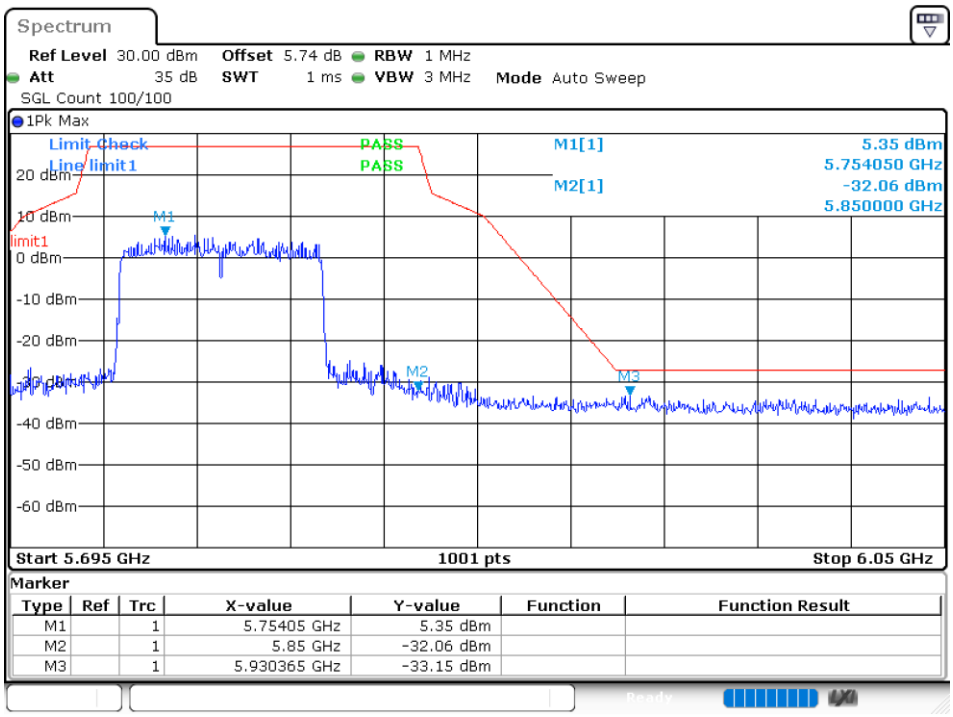
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.74571 GHz	4.65 dBm		
M2		1	5.725 GHz	-30.02 dBm		
M3		1	5.63258 GHz	-34.74 dBm		

Band Edge NVNT ac80 5775MHz High Ant1

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.77178 GHz	-0.12 dBm		
M2		1	5.85 GHz	-31.47 dBm		
M3		1	5.93498 GHz	-33.48 dBm		

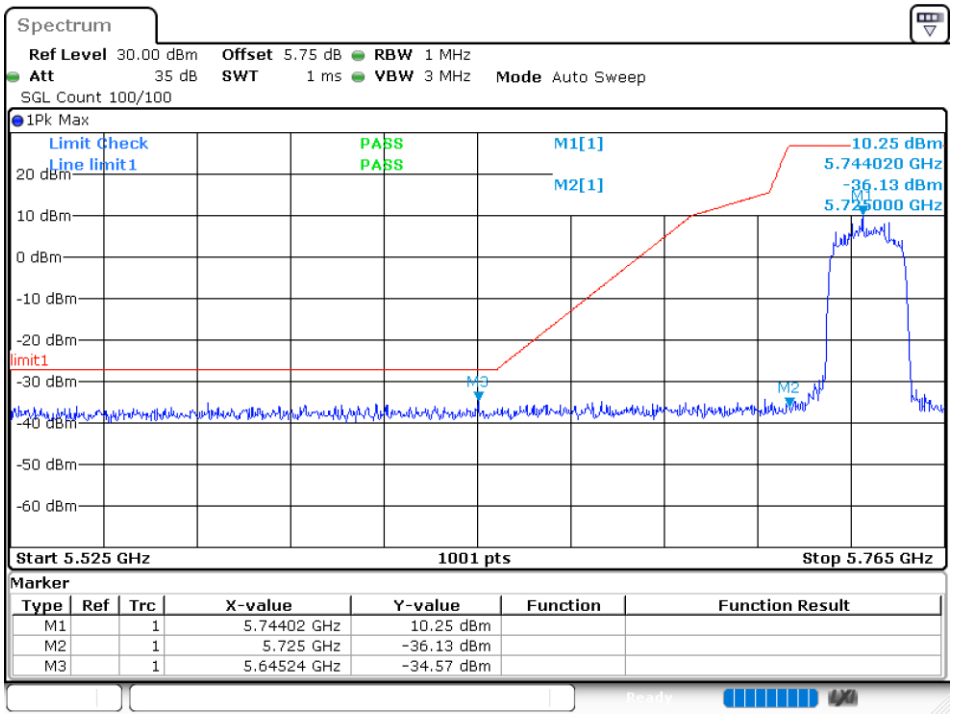
Band Edge NVNT ac80 5775MHz High Ant2



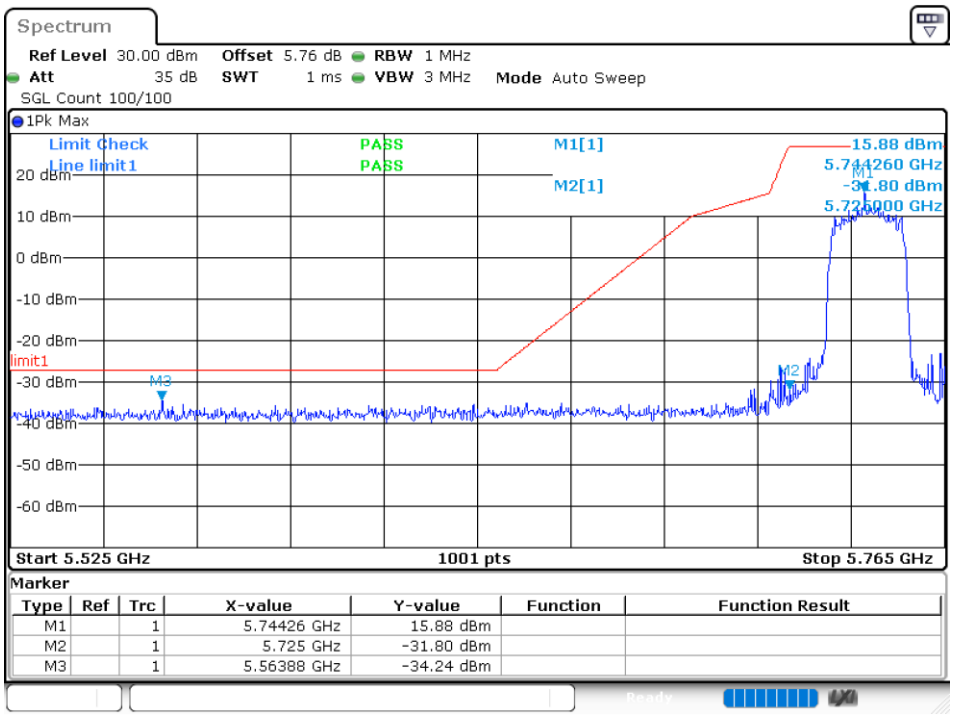
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.75405 GHz	5.35 dBm		
M2		1	5.85 GHz	-32.06 dBm		
M3		1	5.930365 GHz	-33.15 dBm		

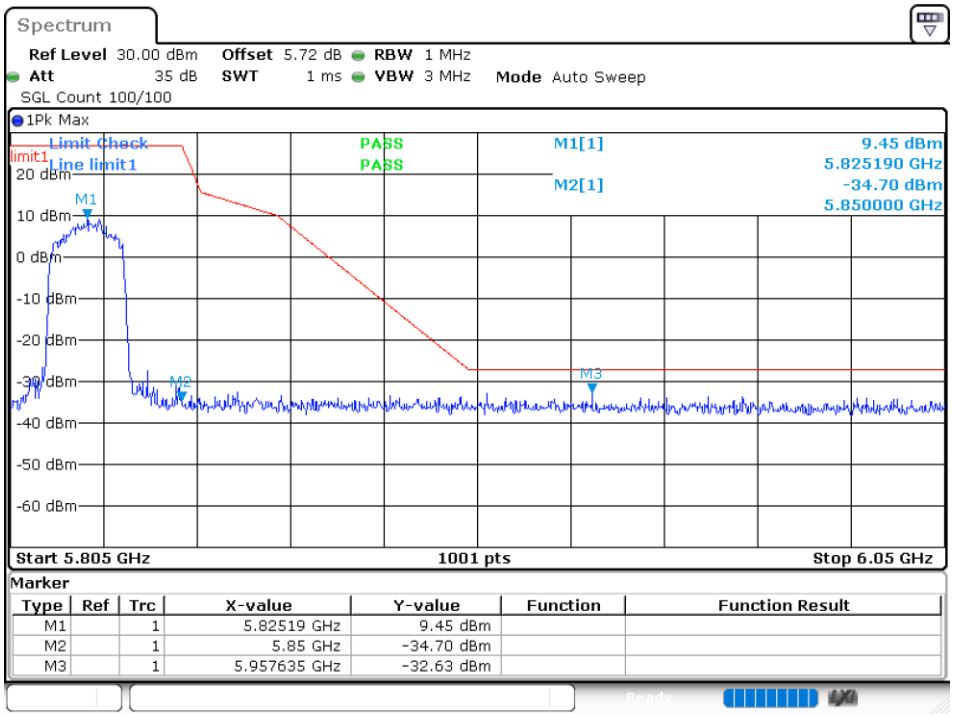
Band Edge NVNT ax20 5745MHz Low Ant1



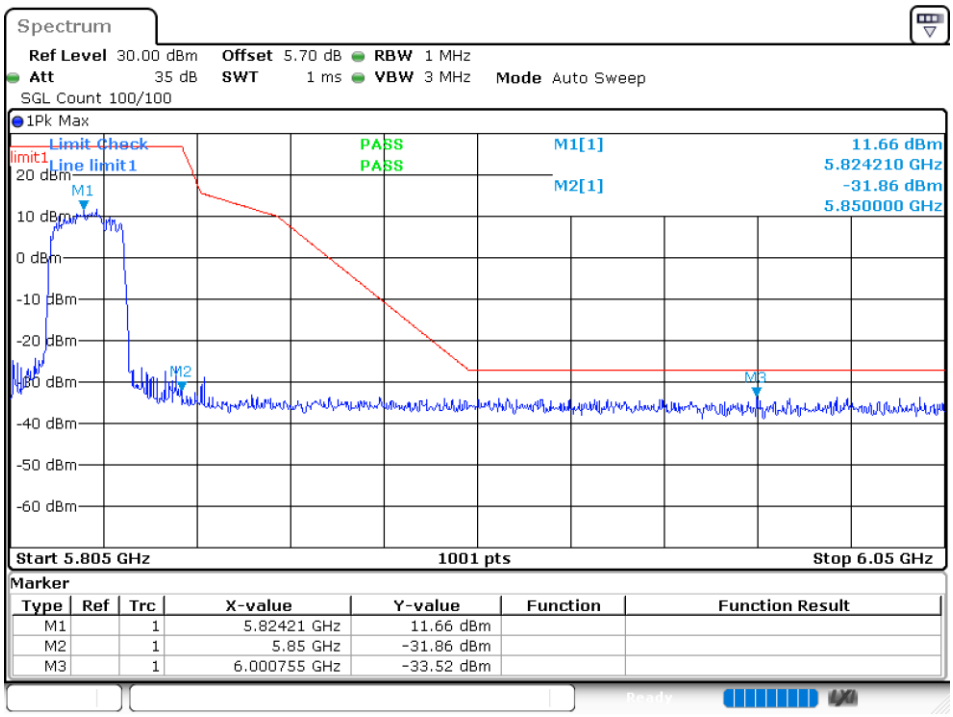
Band Edge NVNT ax20 5745MHz Low Ant2



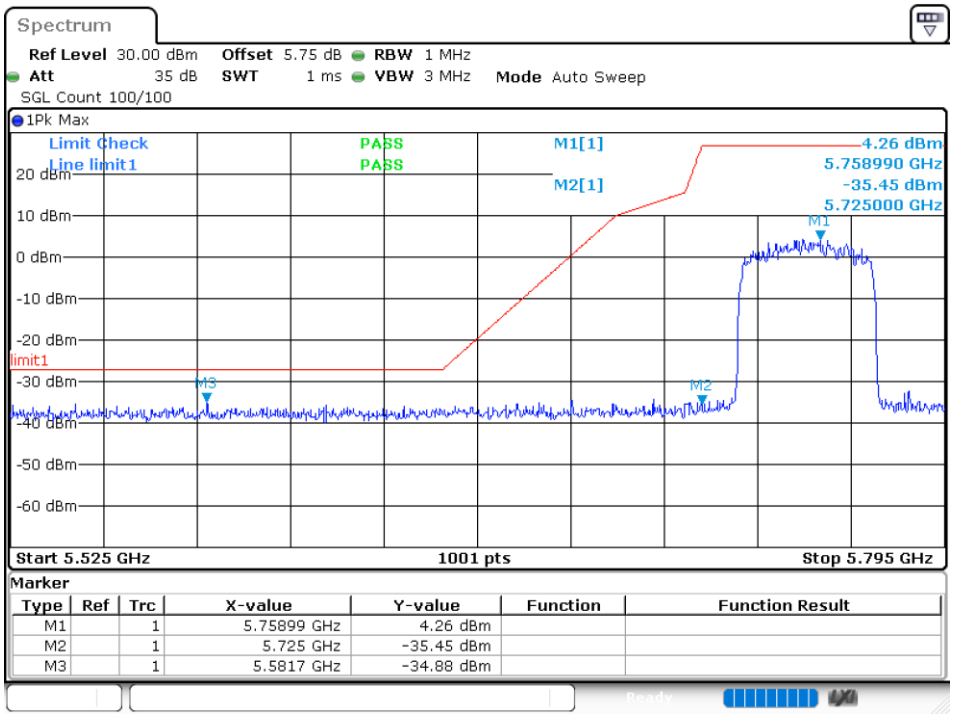
Band Edge NVNT ax20 5825MHz High Ant1



Band Edge NVNT ax20 5825MHz High Ant2



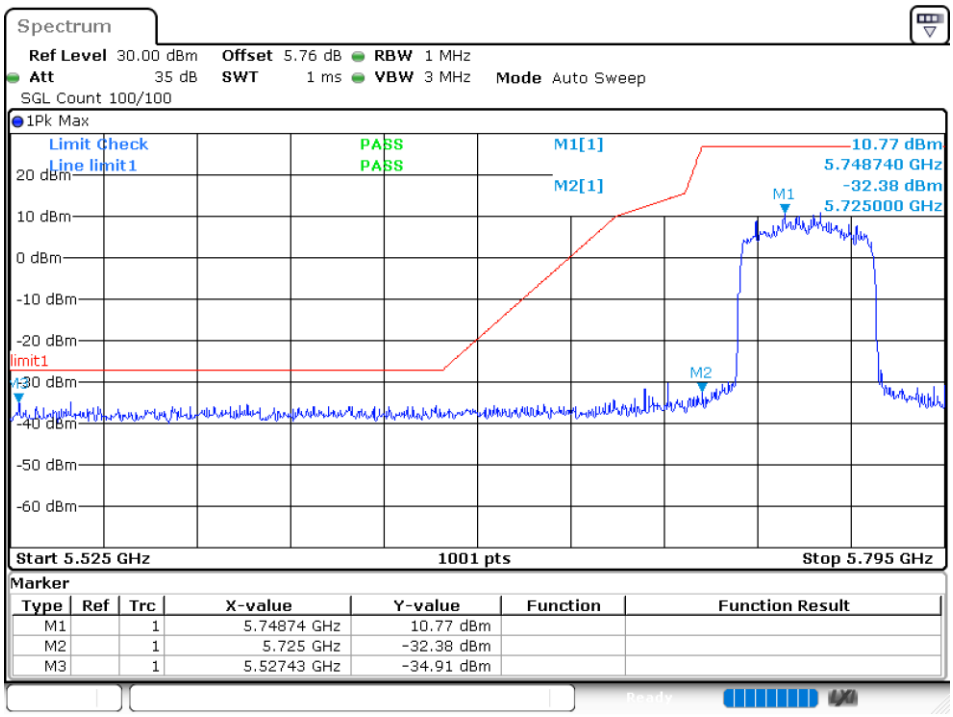
Band Edge NVNT ax40 5755MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.75899 GHz	4.26 dBm		
M2		1	5.725 GHz	-35.45 dBm		
M3		1	5.5817 GHz	-34.88 dBm		

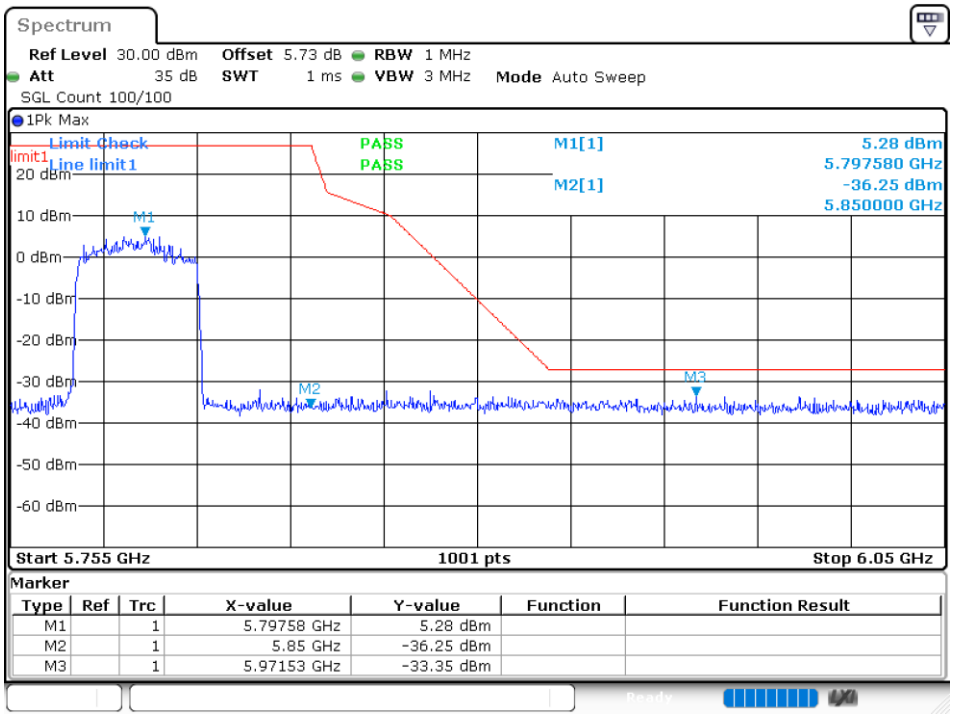
Band Edge NVNT ax40 5755MHz Low Ant2



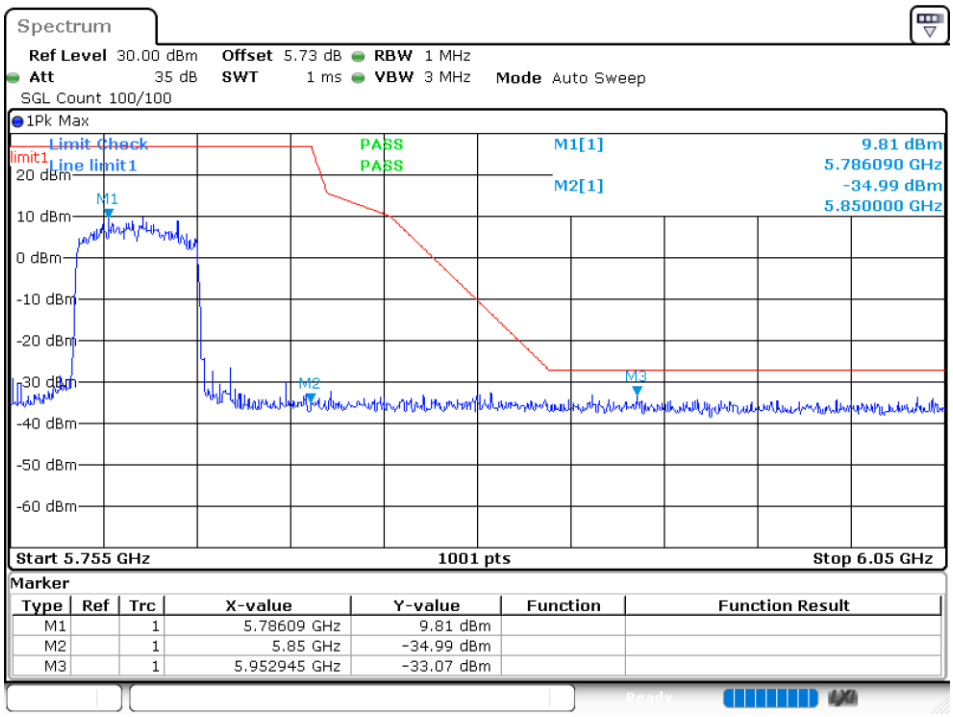
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.74874 GHz	10.77 dBm		
M2		1	5.725 GHz	-32.38 dBm		
M3		1	5.52743 GHz	-34.91 dBm		

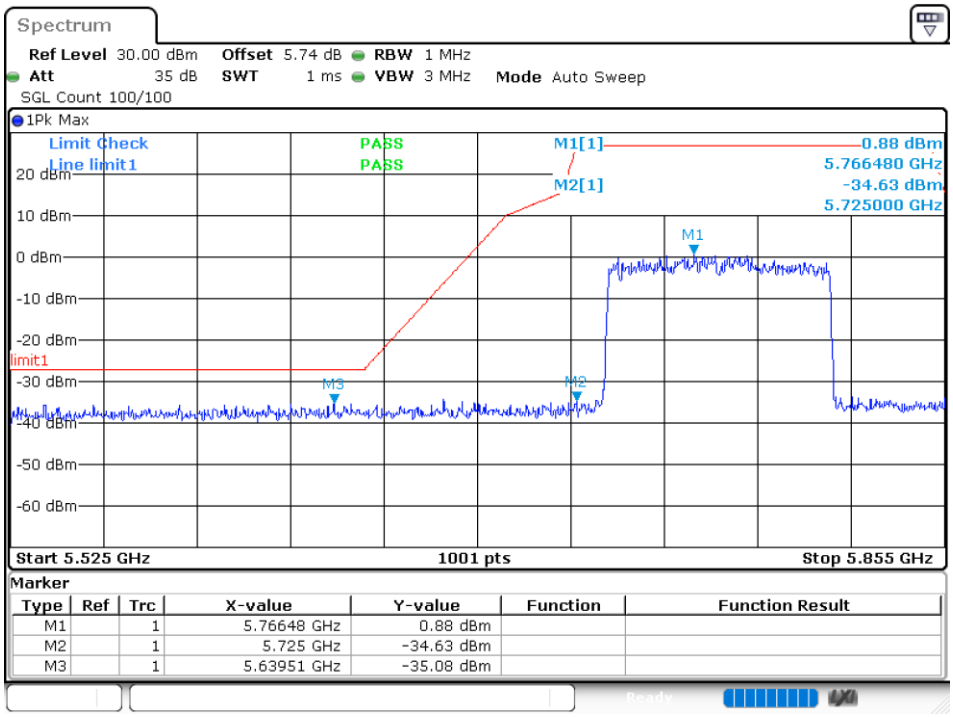
Band Edge NVNT ax40 5795MHz High Ant1



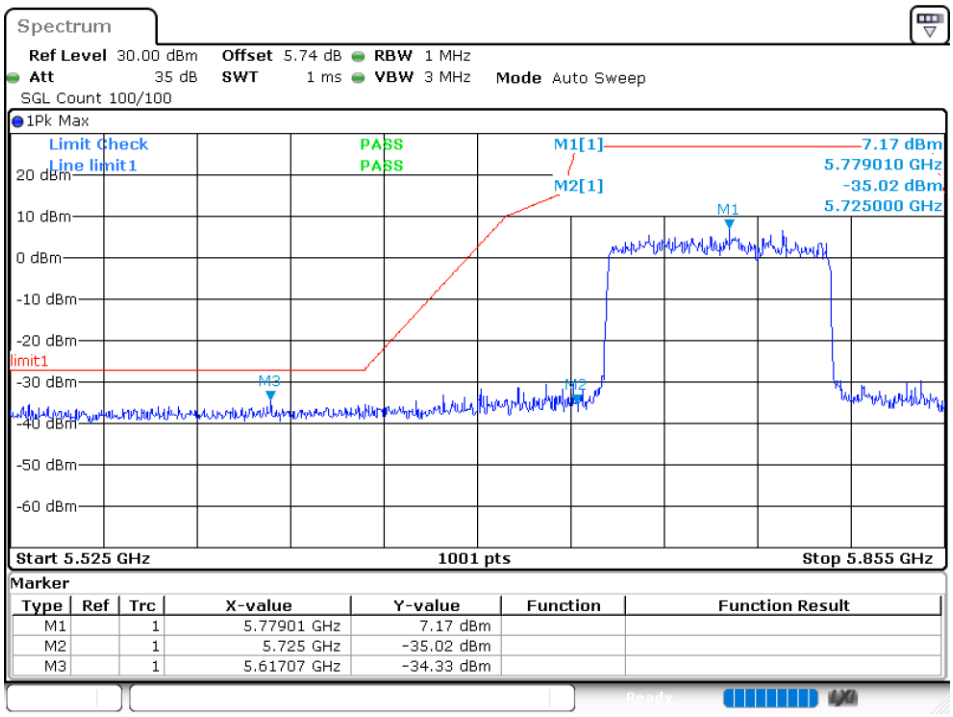
Band Edge NVNT ax40 5795MHz High Ant2



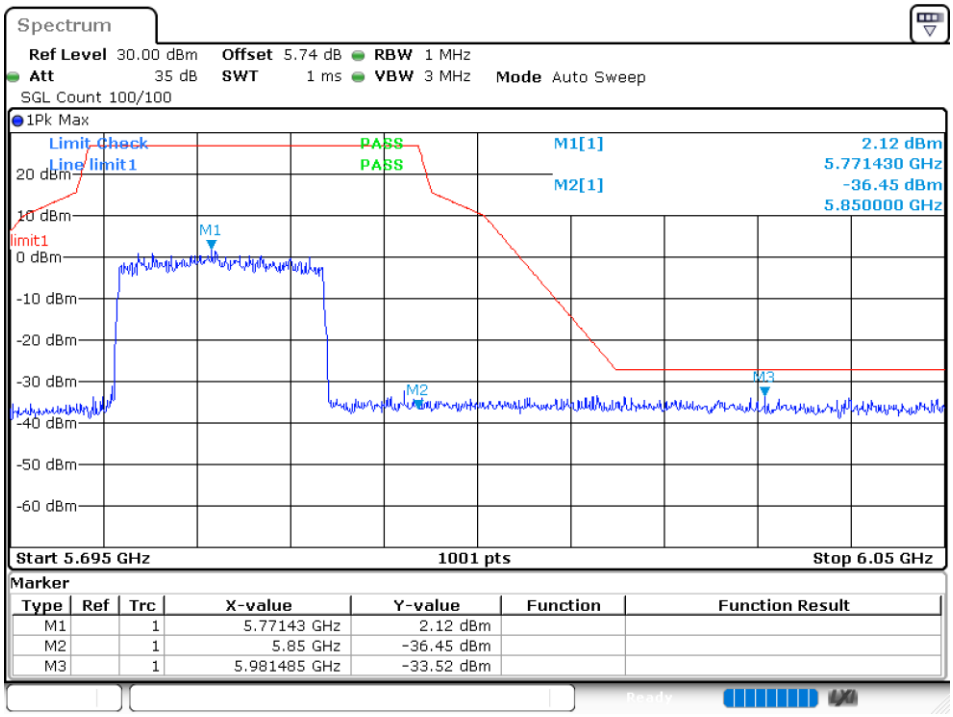
Band Edge NVNT ax80 5775MHz Low Ant1



Band Edge NVNT ax80 5775MHz Low Ant2



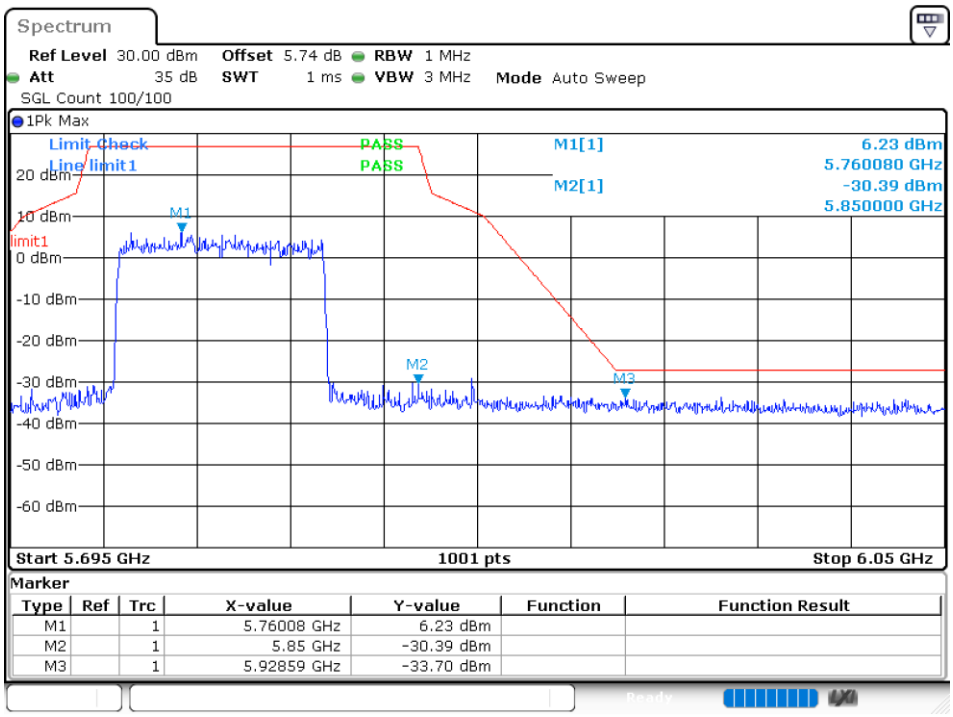
Band Edge NVNT ax80 5775MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.77143 GHz	2.12 dBm		
M2		1	5.85 GHz	-36.45 dBm		
M3		1	5.981485 GHz	-33.52 dBm		

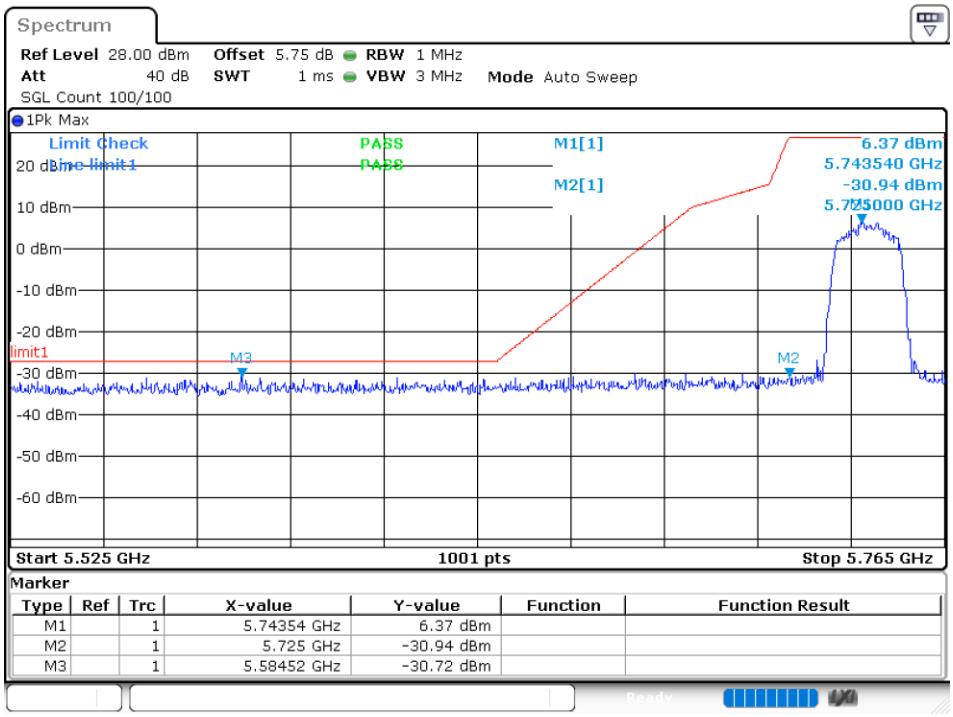
Band Edge NVNT ax80 5775MHz High Ant2



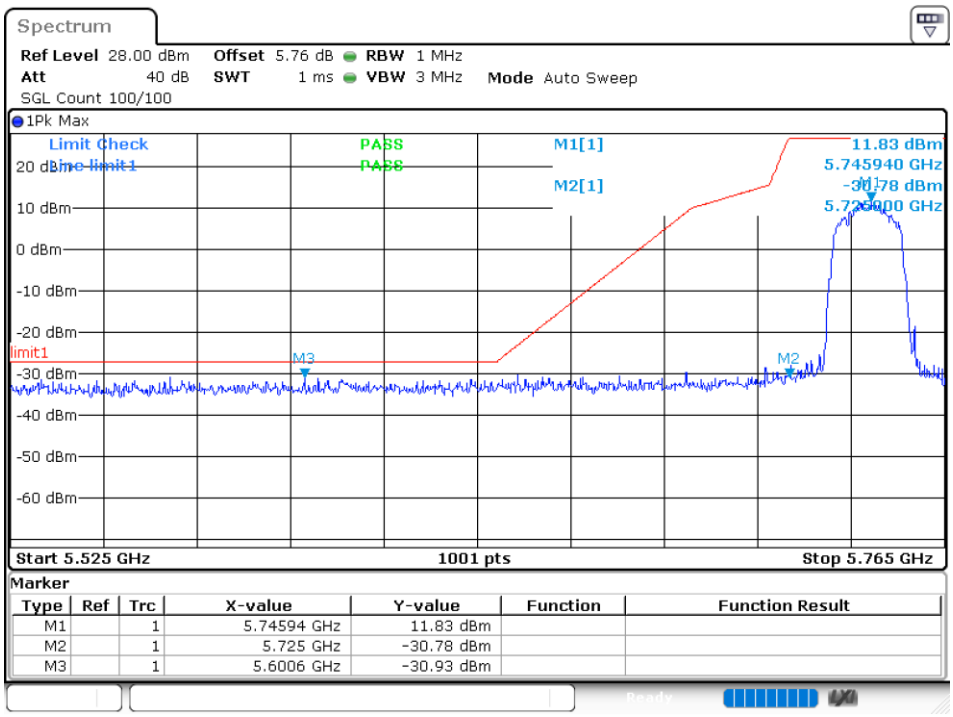
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.76008 GHz	6.23 dBm		
M2		1	5.85 GHz	-30.39 dBm		
M3		1	5.92859 GHz	-33.70 dBm		

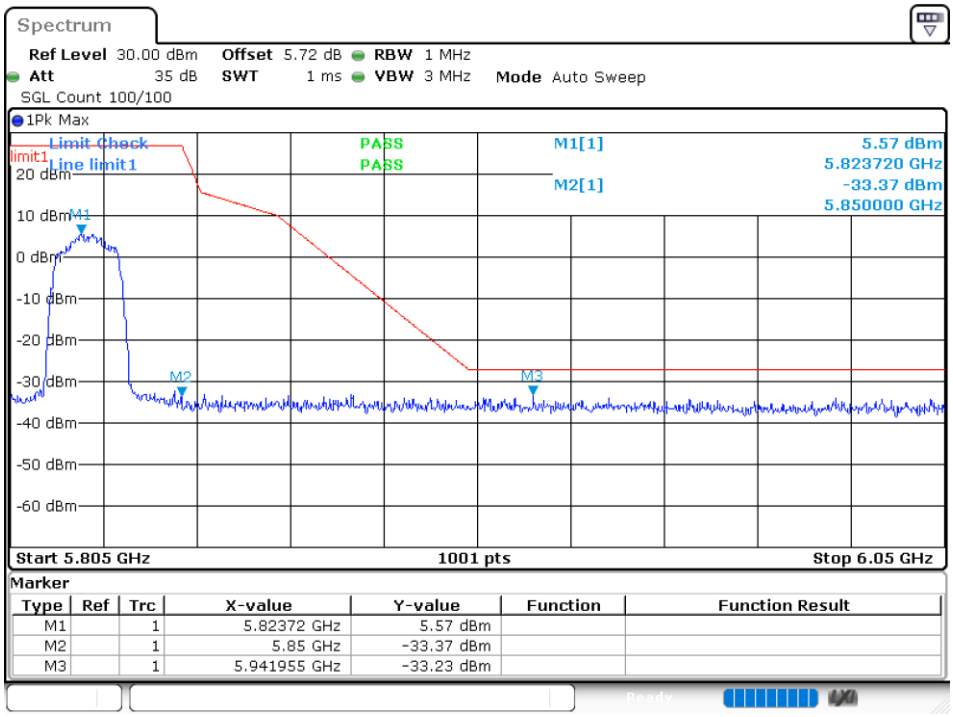
Band Edge NVNT n20 5745MHz Low Ant1



Band Edge NVNT n20 5745MHz Low Ant2



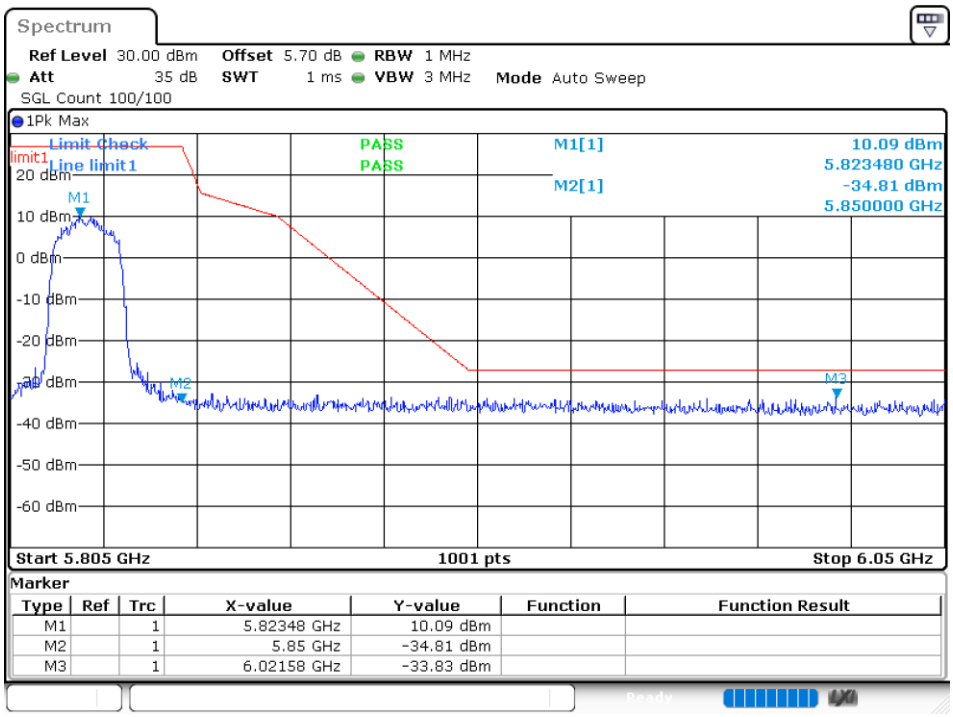
Band Edge NVNT n20 5825MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.82372 GHz	5.57 dBm		
M2		1	5.85 GHz	-33.37 dBm		
M3		1	5.941955 GHz	-33.23 dBm		

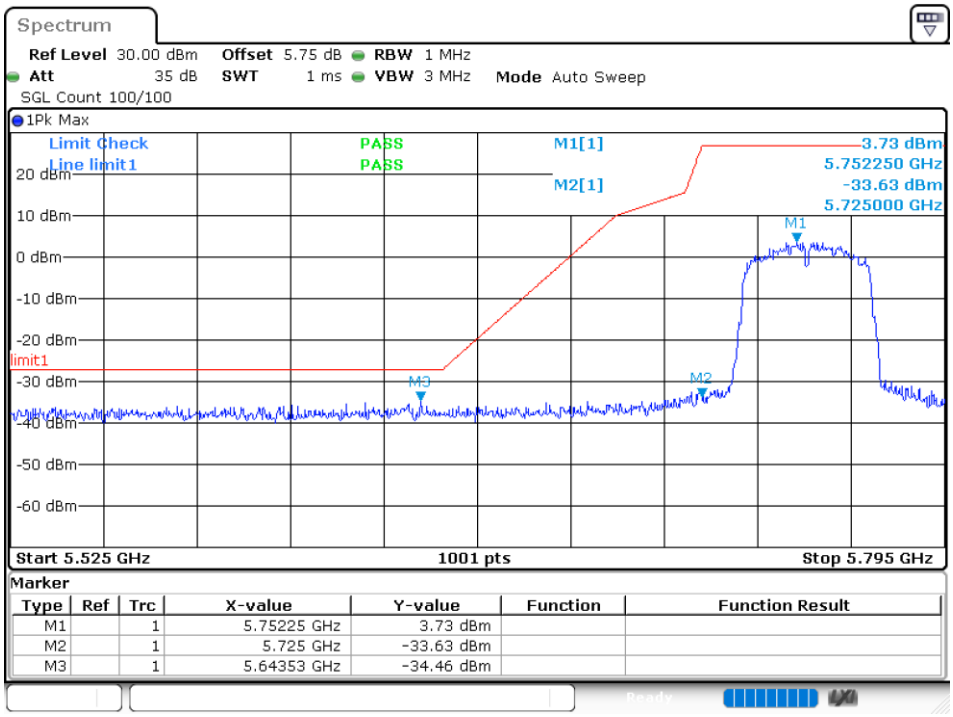
Band Edge NVNT n20 5825MHz High Ant2



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.82348 GHz	10.09 dBm		
M2		1	5.85 GHz	-34.81 dBm		
M3		1	6.02158 GHz	-33.83 dBm		

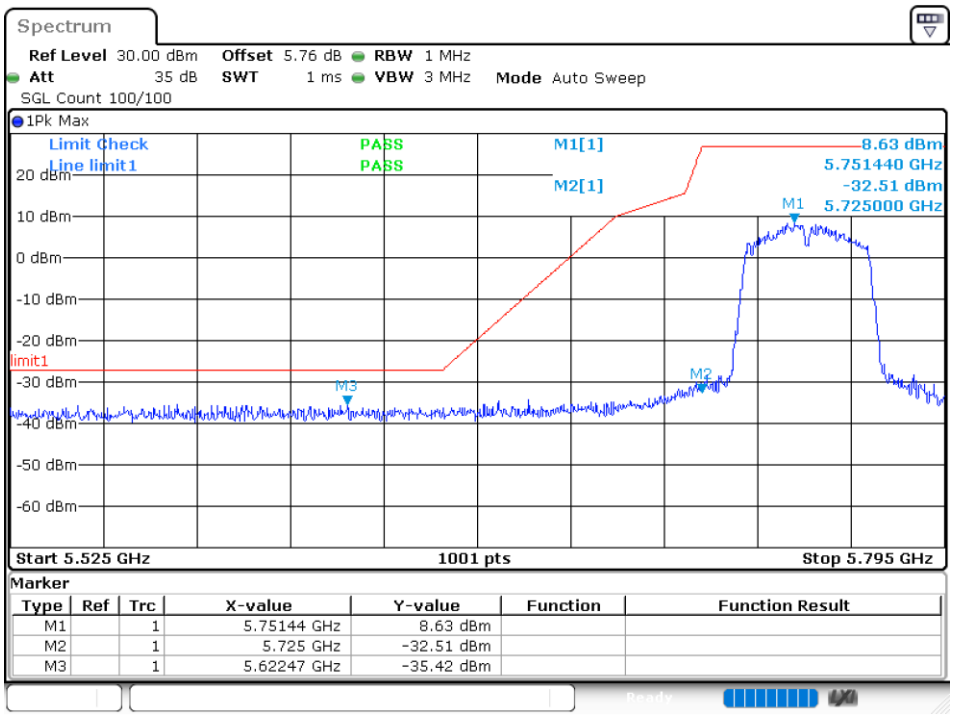
Band Edge NVNT n40 5755MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.75225 GHz	3.73 dBm		
M2		1	5.725 GHz	-33.63 dBm		
M3		1	5.64353 GHz	-34.46 dBm		

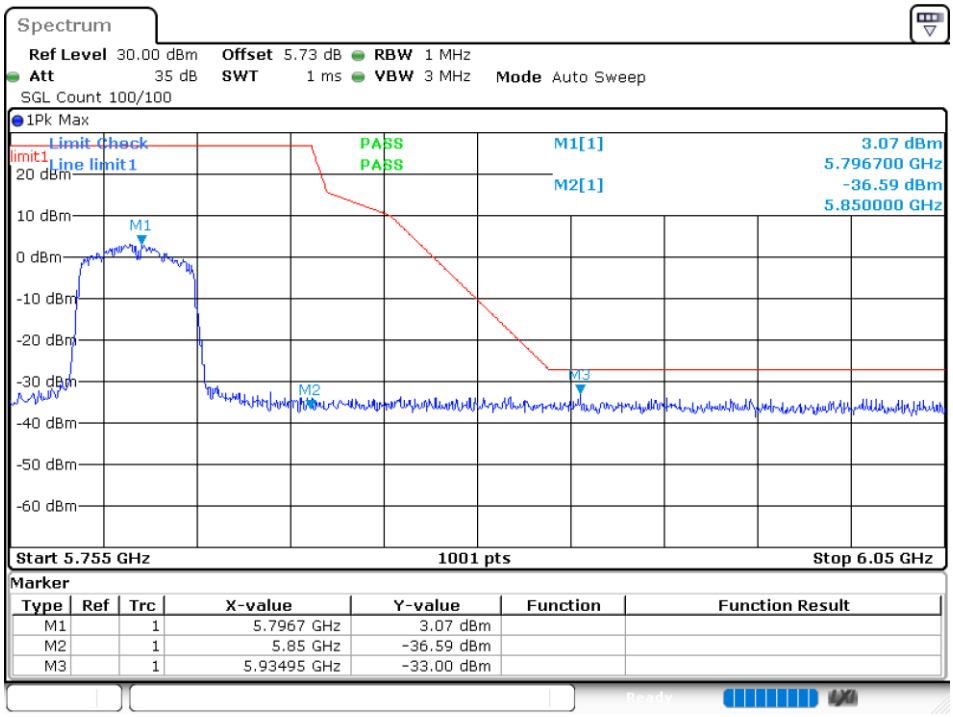
Band Edge NVNT n40 5755MHz Low Ant2



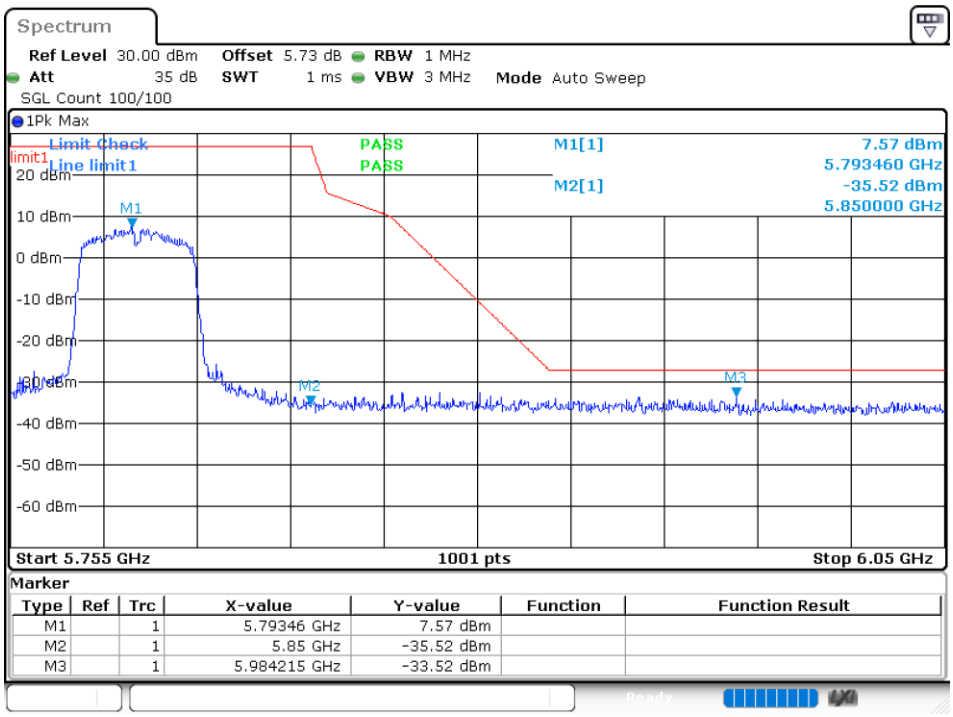
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.75144 GHz	8.63 dBm		
M2		1	5.725 GHz	-32.51 dBm		
M3		1	5.62247 GHz	-35.42 dBm		

Band Edge NVNT n40 5795MHz High Ant1



Band Edge NVNT n40 5795MHz High Ant2



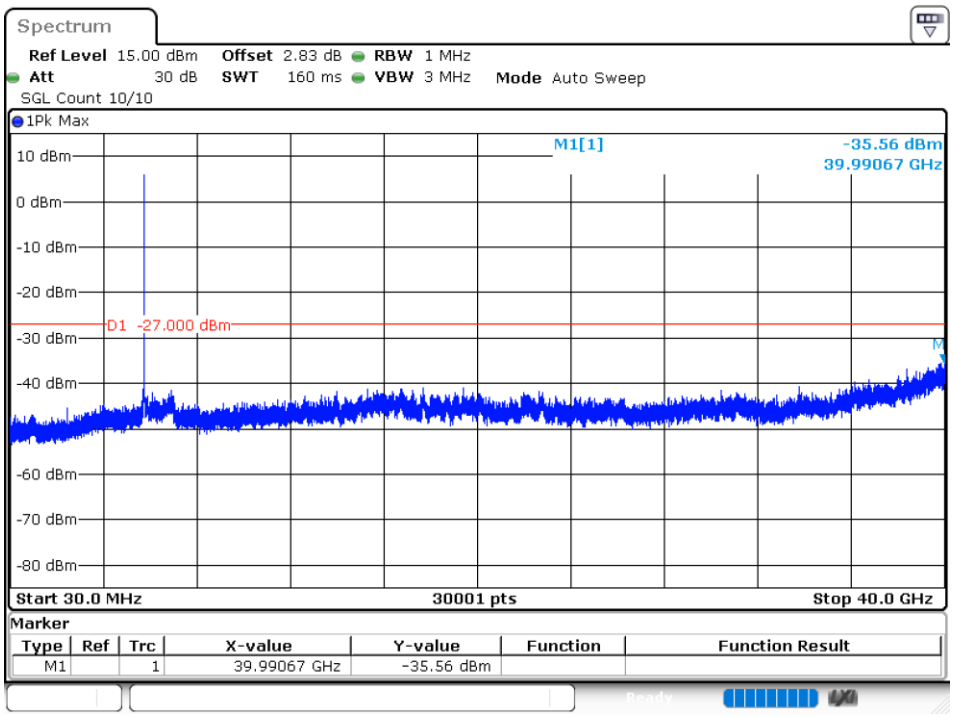
Conducted RF Spurious Emission

Note：The emissions of ANT 1& ANT 2 both have attenuated 3dB below the limits, so the MIMO mode can be passed.

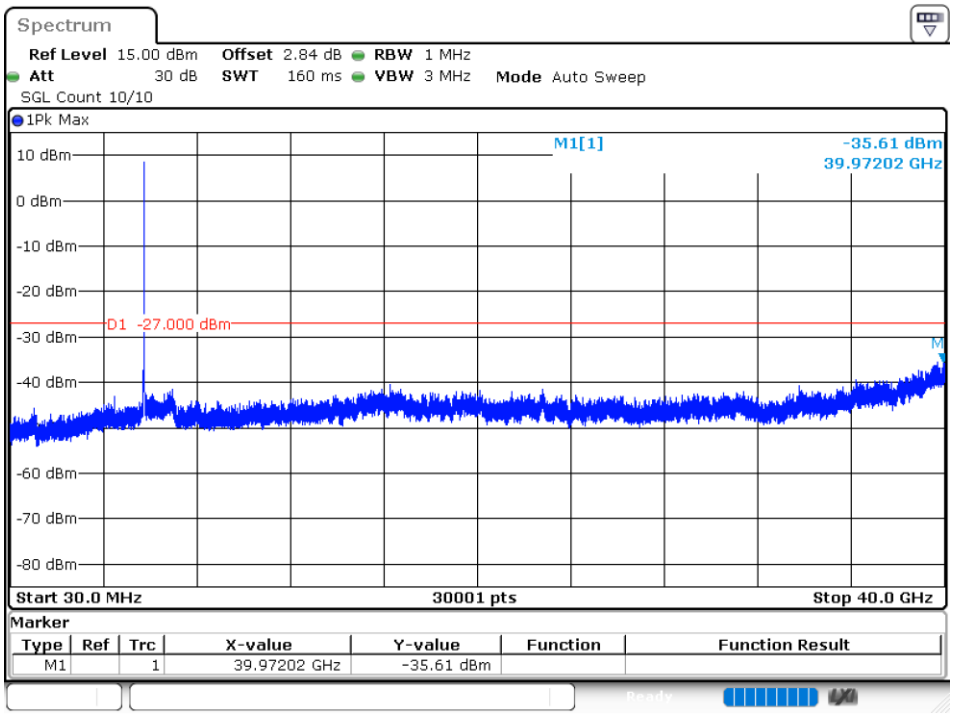
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5745	Ant1	-35.55	-27	Pass
NVNT	ac20	5745	Ant2	-35.6	-27	Pass
NVNT	ac20	5785	Ant1	-35.67	-27	Pass
NVNT	ac20	5785	Ant2	-34.63	-27	Pass
NVNT	ac20	5825	Ant1	-34.51	-27	Pass
NVNT	ac20	5825	Ant2	-34.42	-27	Pass
NVNT	ac40	5755	Ant1	-35.42	-27	Pass
NVNT	ac40	5755	Ant2	-36.32	-27	Pass
NVNT	ac40	5795	Ant1	-34.84	-27	Pass
NVNT	ac40	5795	Ant2	-35.29	-27	Pass
NVNT	ac80	5775	Ant1	-34.26	-27	Pass
NVNT	ac80	5775	Ant2	-33.81	-27	Pass
NVNT	ax20	5745	Ant1	-35.86	-27	Pass
NVNT	ax20	5745	Ant2	-34.99	-27	Pass
NVNT	ax20	5785	Ant1	-35.99	-27	Pass
NVNT	ax20	5785	Ant2	-35.34	-27	Pass
NVNT	ax20	5825	Ant1	-35.52	-27	Pass
NVNT	ax20	5825	Ant2	-35.59	-27	Pass
NVNT	ax40	5755	Ant1	-35.79	-27	Pass
NVNT	ax40	5755	Ant2	-34.45	-27	Pass
NVNT	ax40	5795	Ant1	-35.88	-27	Pass
NVNT	ax40	5795	Ant2	-35.27	-27	Pass
NVNT	ax80	5775	Ant1	-33.69	-27	Pass
NVNT	ax80	5775	Ant2	-34.25	-27	Pass
NVNT	n20	5745	Ant1	-34.36	-27	Pass
NVNT	n20	5745	Ant2	-33.38	-27	Pass
NVNT	n20	5785	Ant1	-36.1	-27	Pass
NVNT	n20	5785	Ant2	-35.57	-27	Pass
NVNT	n20	5825	Ant1	-35.13	-27	Pass
NVNT	n20	5825	Ant2	-35.46	-27	Pass
NVNT	n40	5755	Ant1	-34.93	-27	Pass
NVNT	n40	5755	Ant2	-34.52	-27	Pass
NVNT	n40	5795	Ant1	-34.95	-27	Pass
NVNT	n40	5795	Ant2	-35.43	-27	Pass

Test Graphs

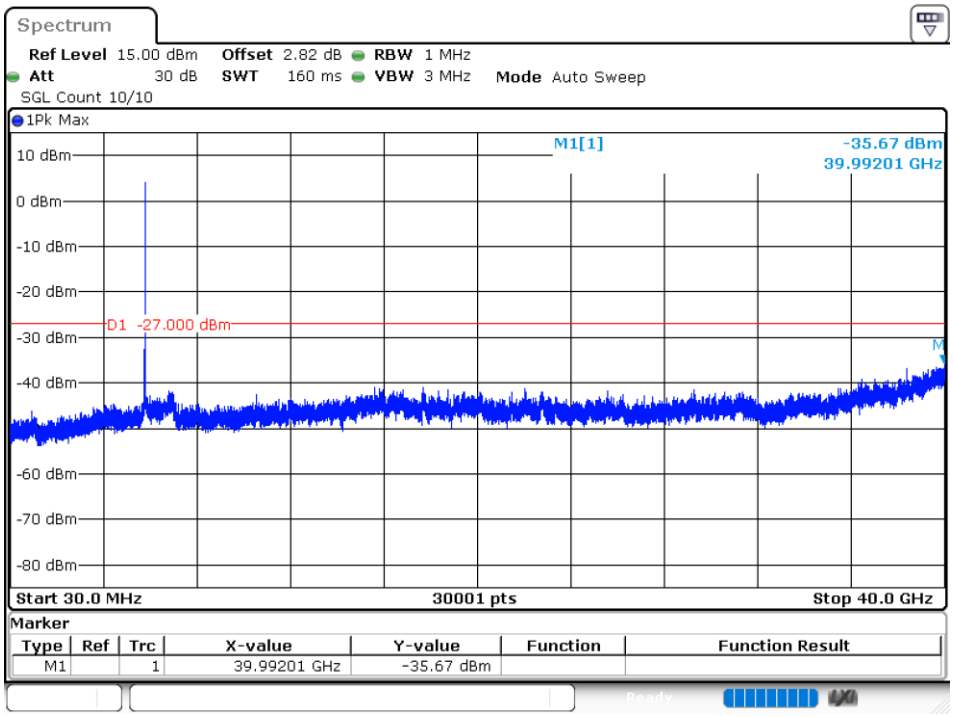
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



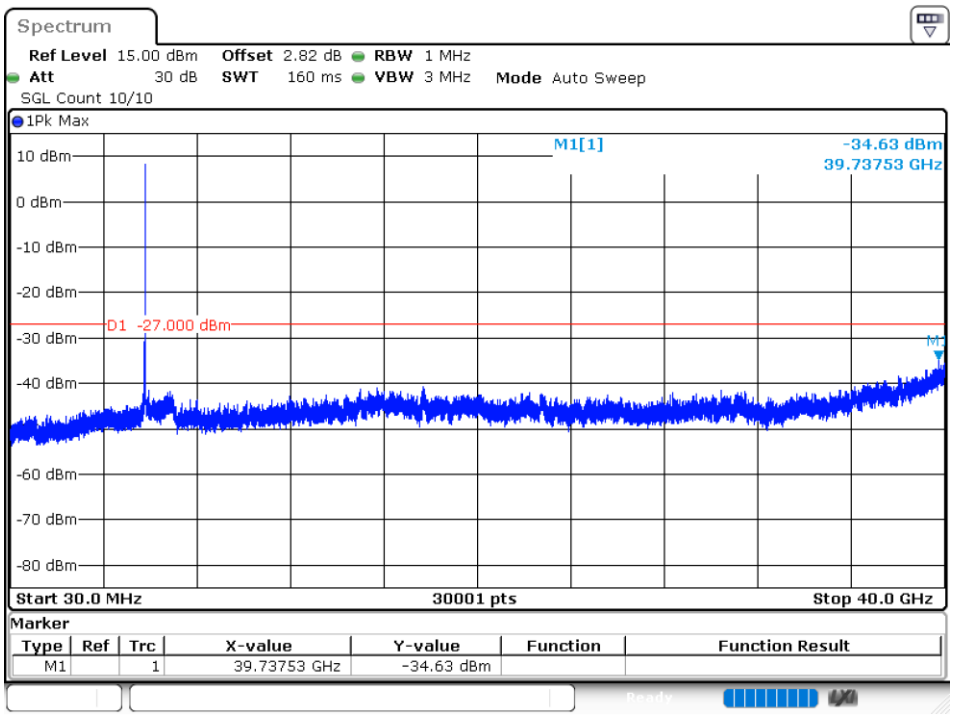
Tx. Spurious NVNT ac20 5745MHz Ant2 Emission



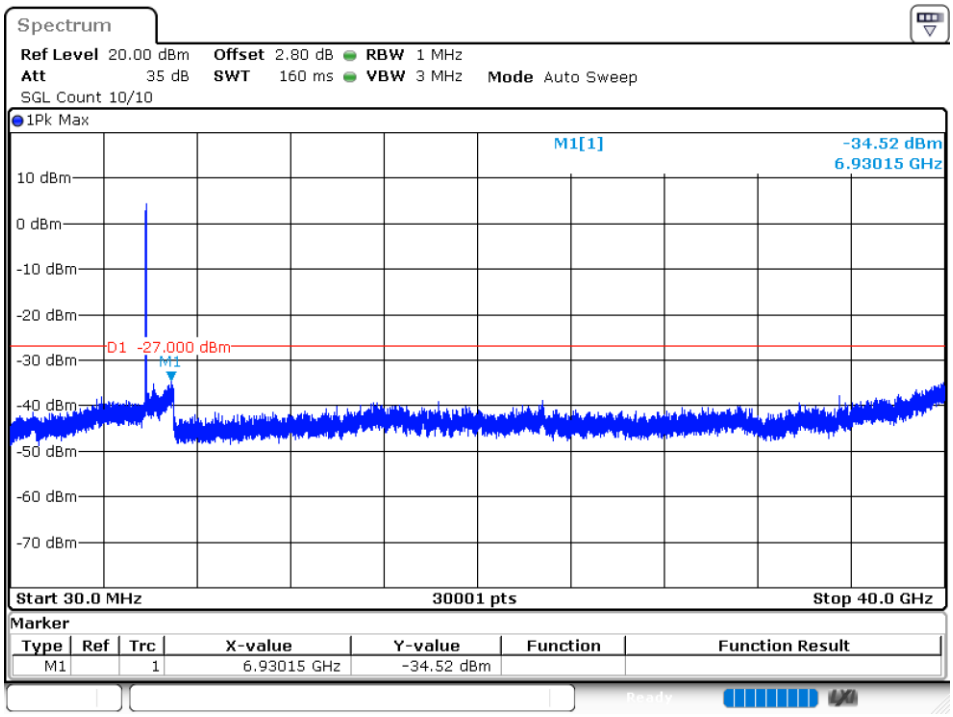
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



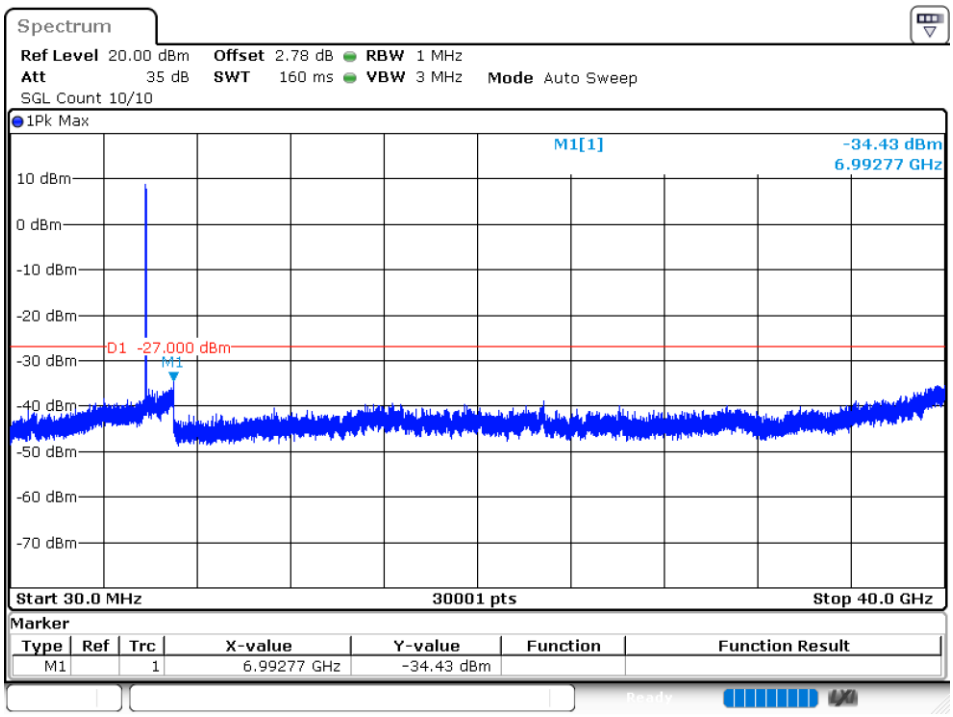
Tx. Spurious NVNT ac20 5785MHz Ant2 Emission



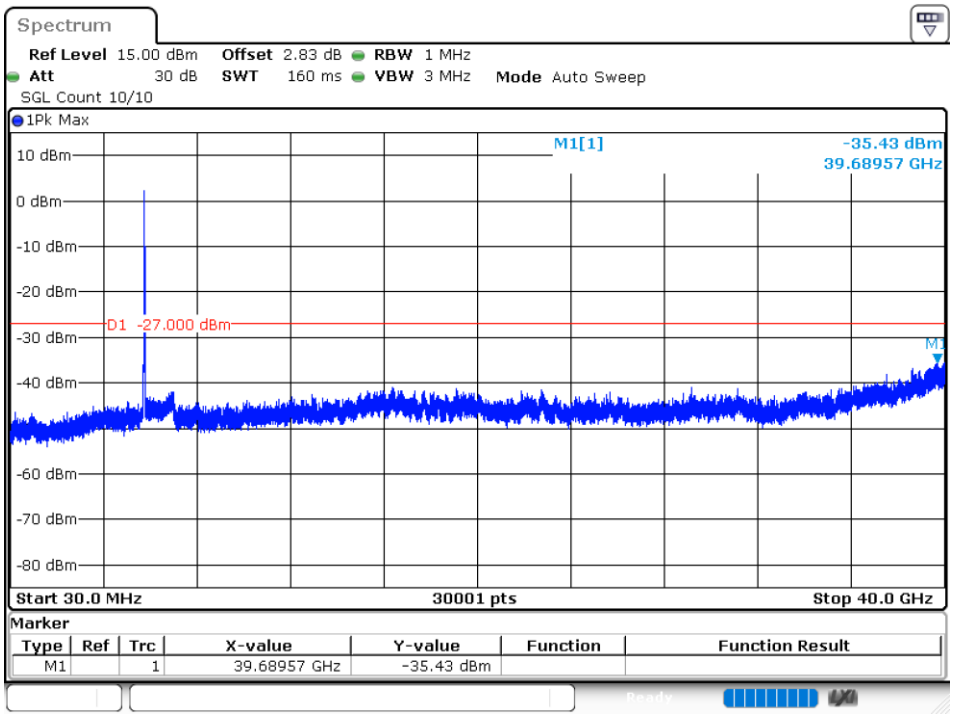
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



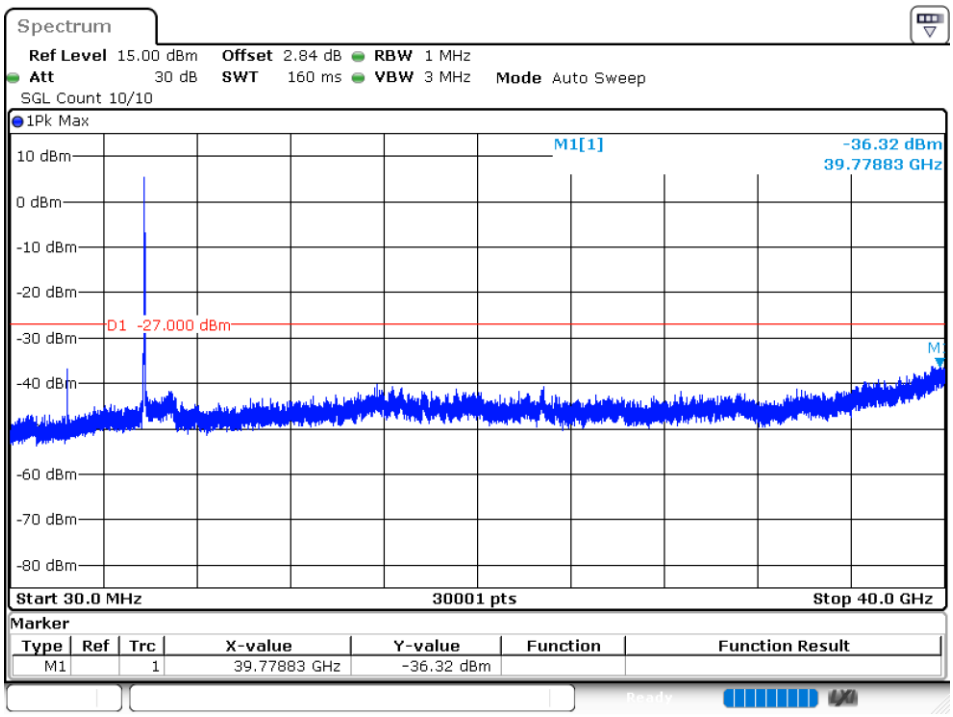
Tx. Spurious NVNT ac20 5825MHz Ant2 Emission



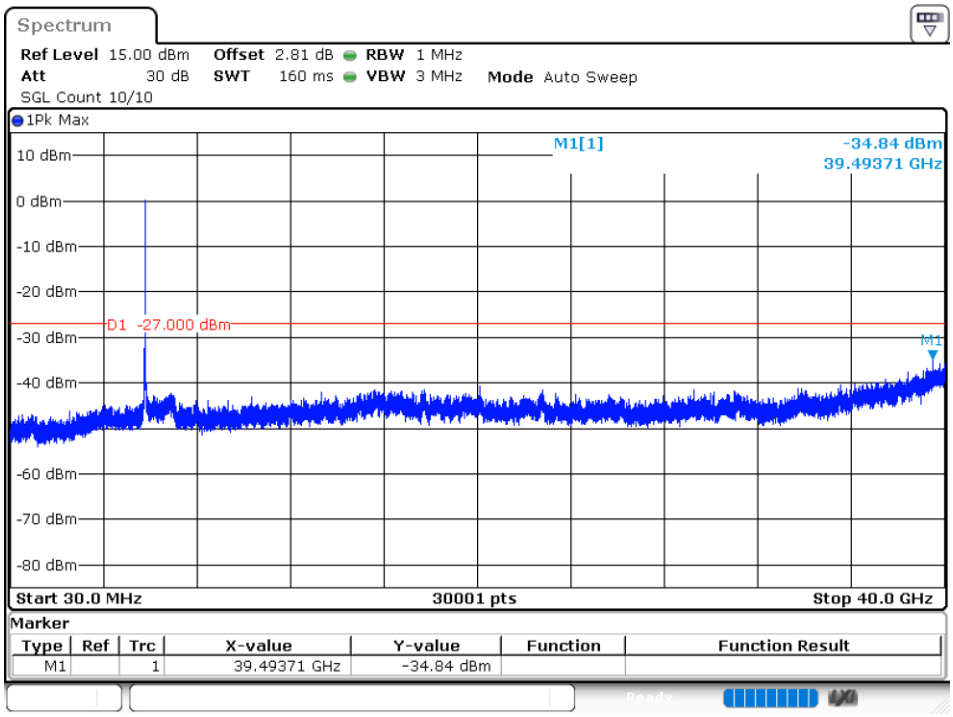
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



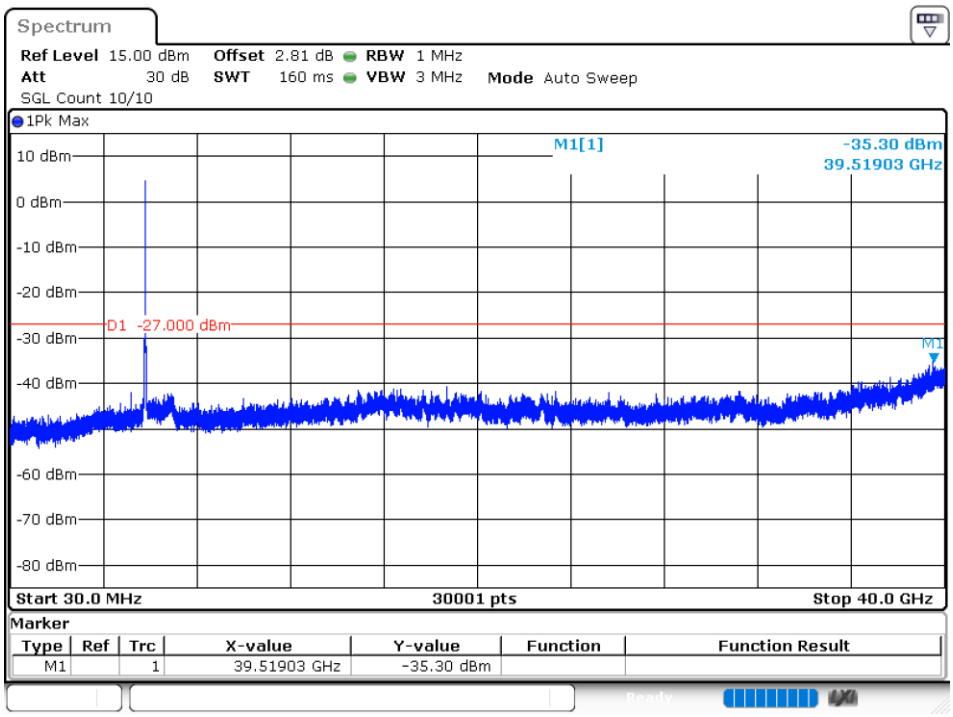
Tx. Spurious NVNT ac40 5755MHz Ant2 Emission



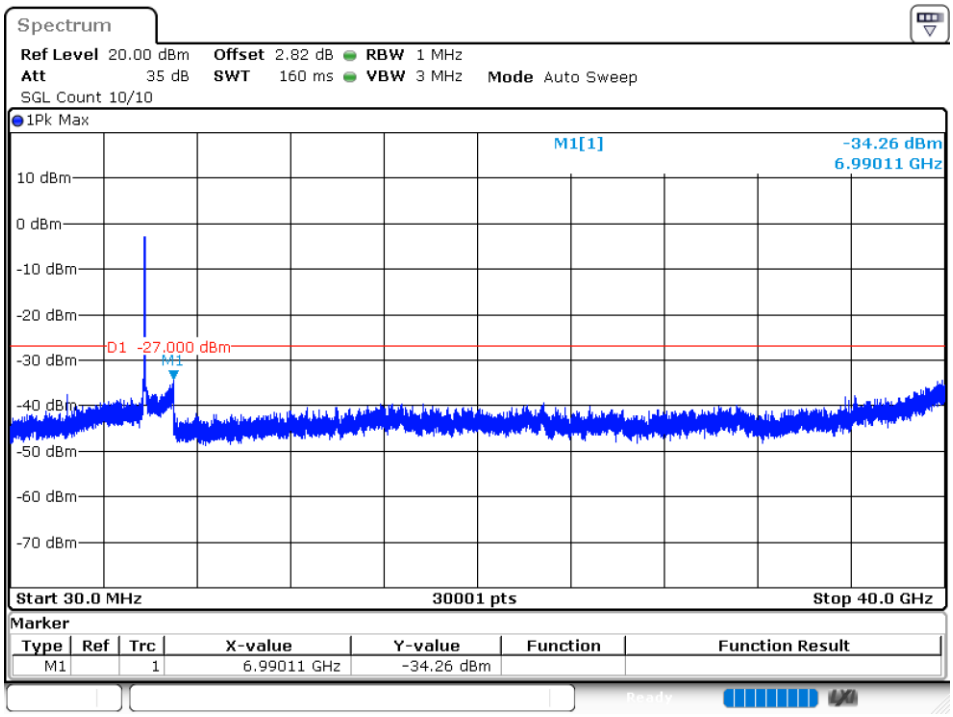
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



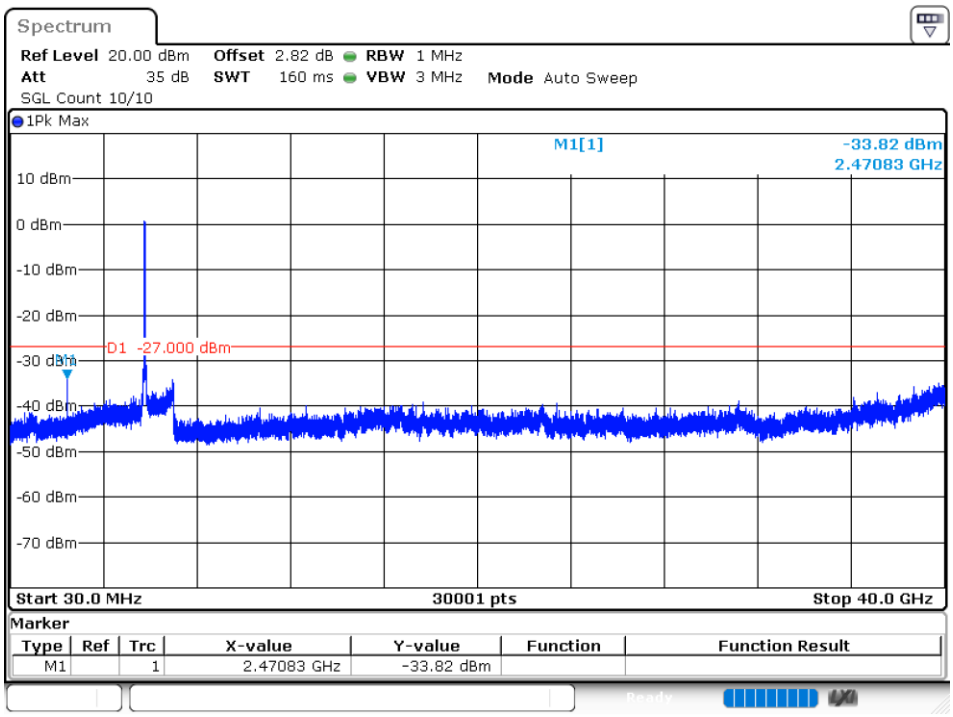
Tx. Spurious NVNT ac40 5795MHz Ant2 Emission



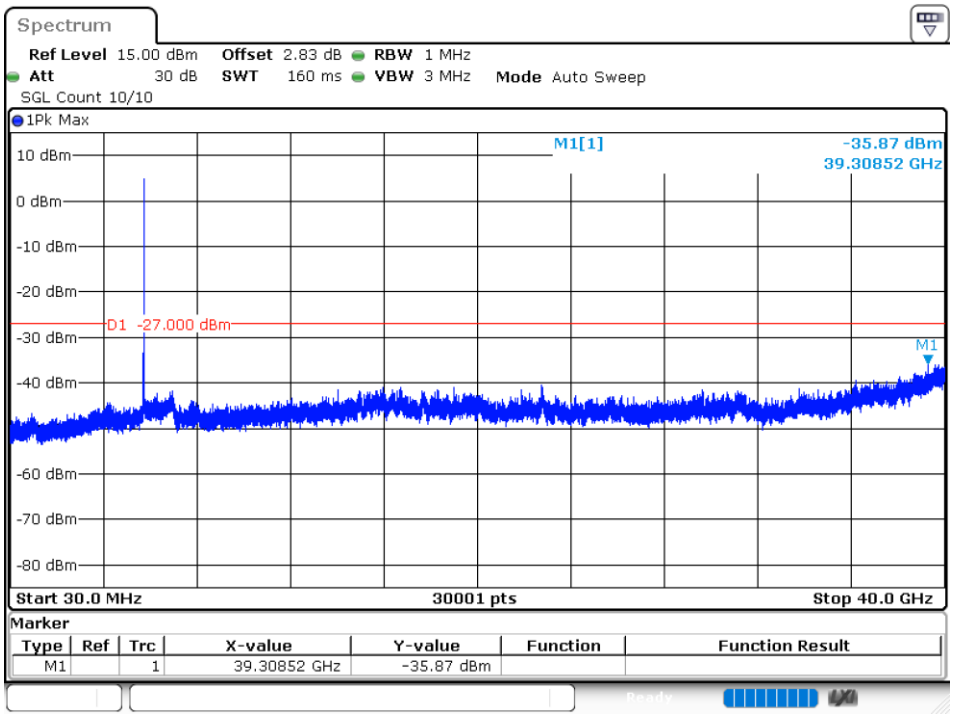
Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



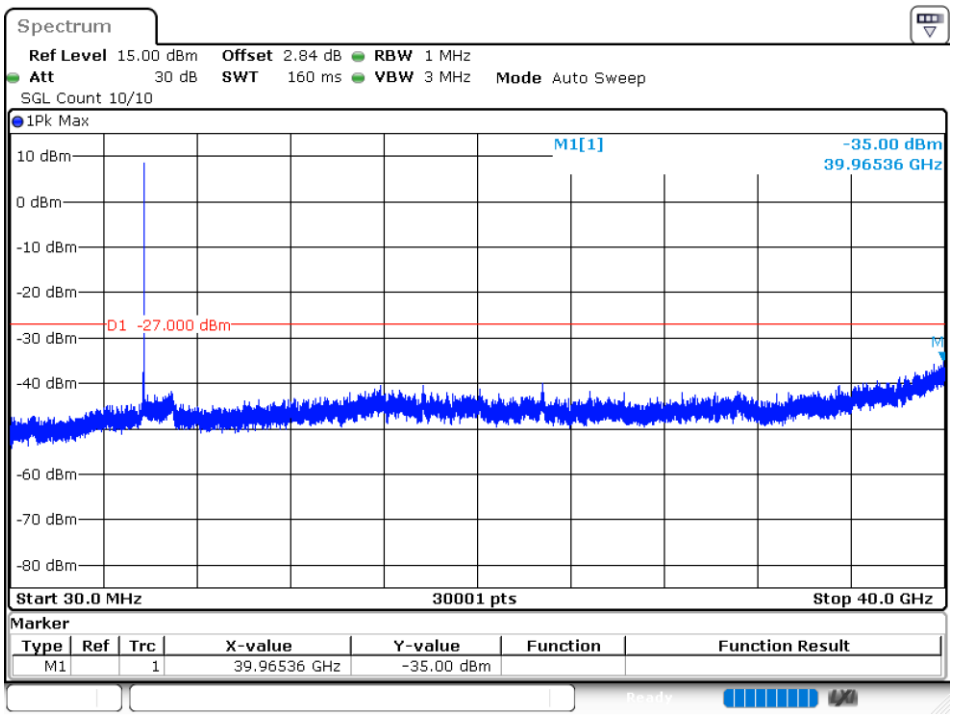
Tx. Spurious NVNT ac80 5775MHz Ant2 Emission



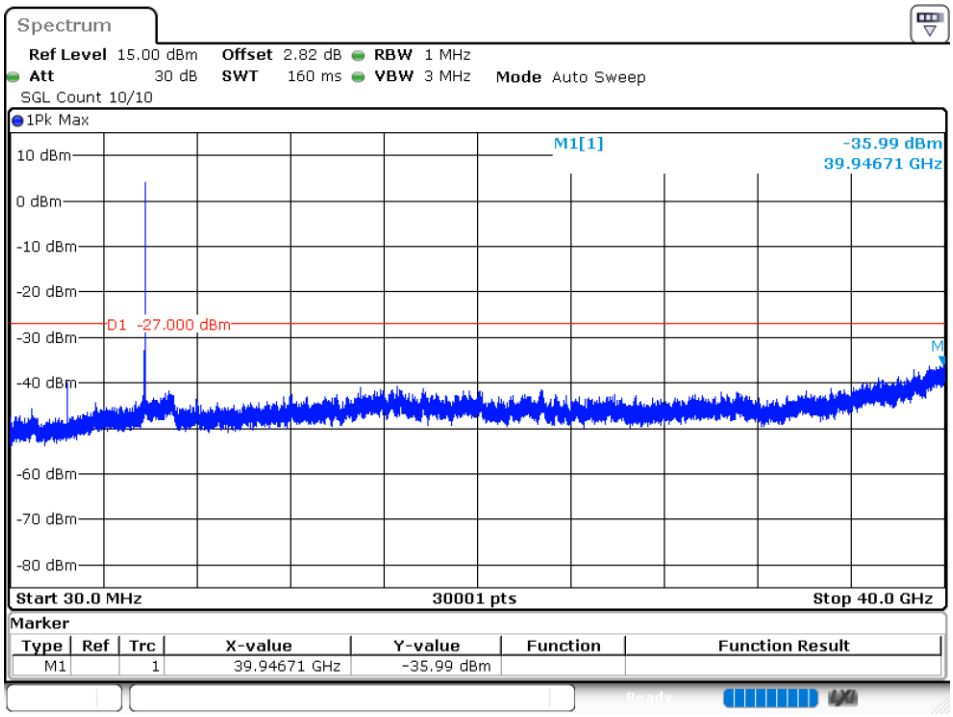
Tx. Spurious NVNT ax20 5745MHz Ant1 Emission



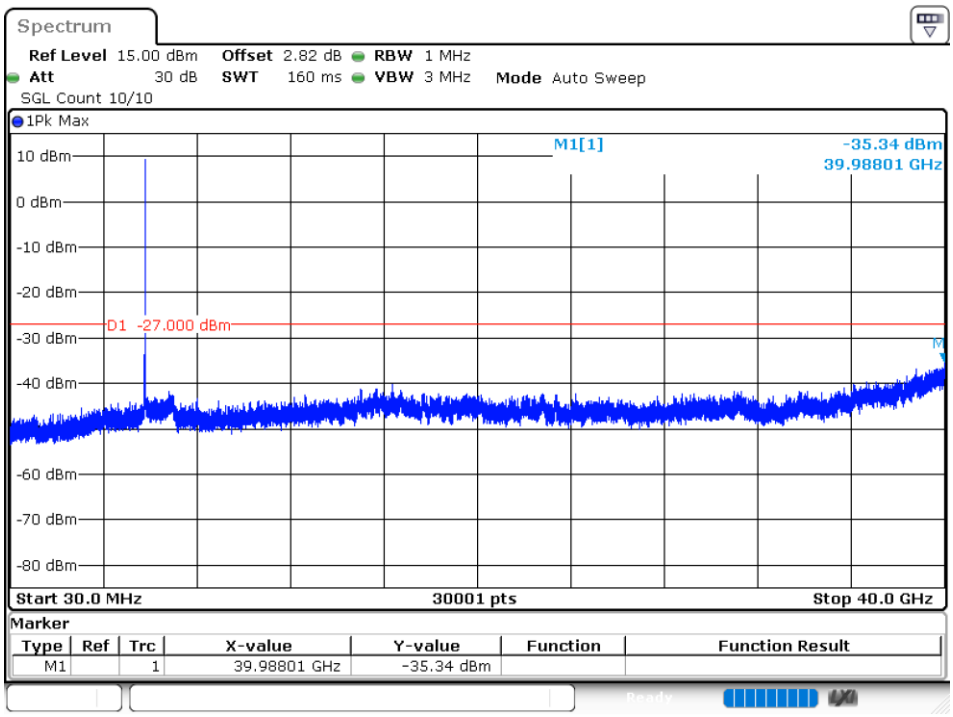
Tx. Spurious NVNT ax20 5745MHz Ant2 Emission



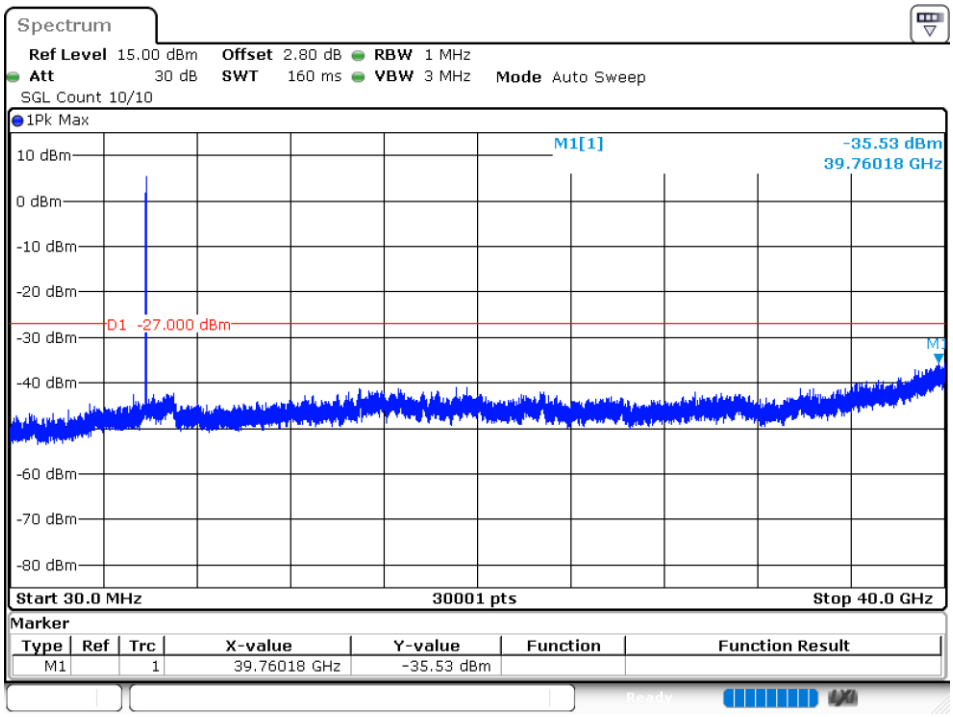
Tx. Spurious NVNT ax20 5785MHz Ant1 Emission



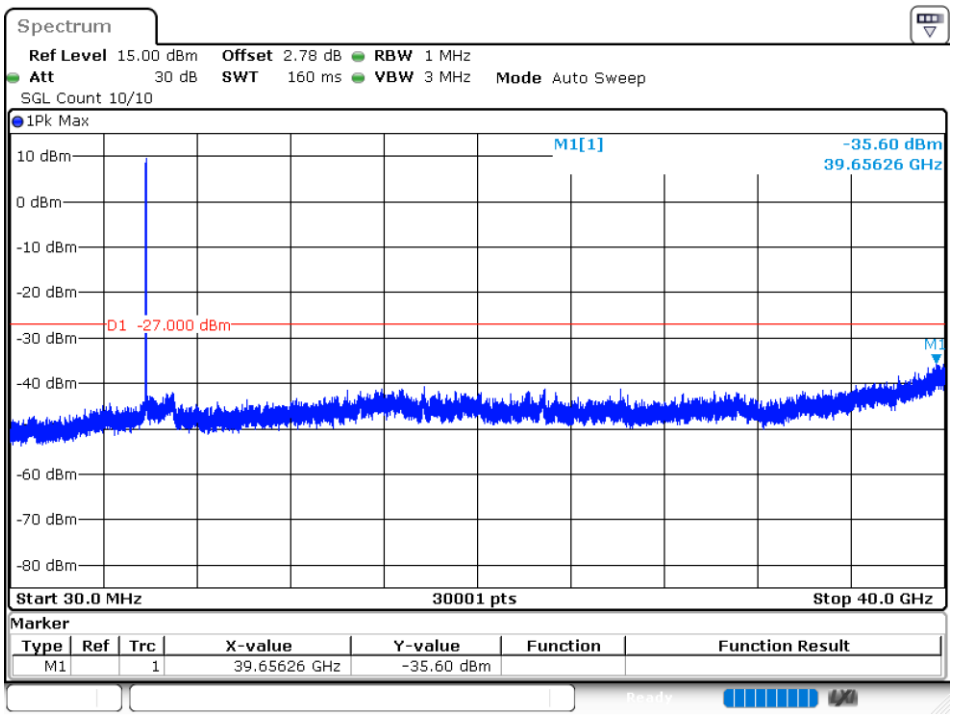
Tx. Spurious NVNT ax20 5785MHz Ant2 Emission



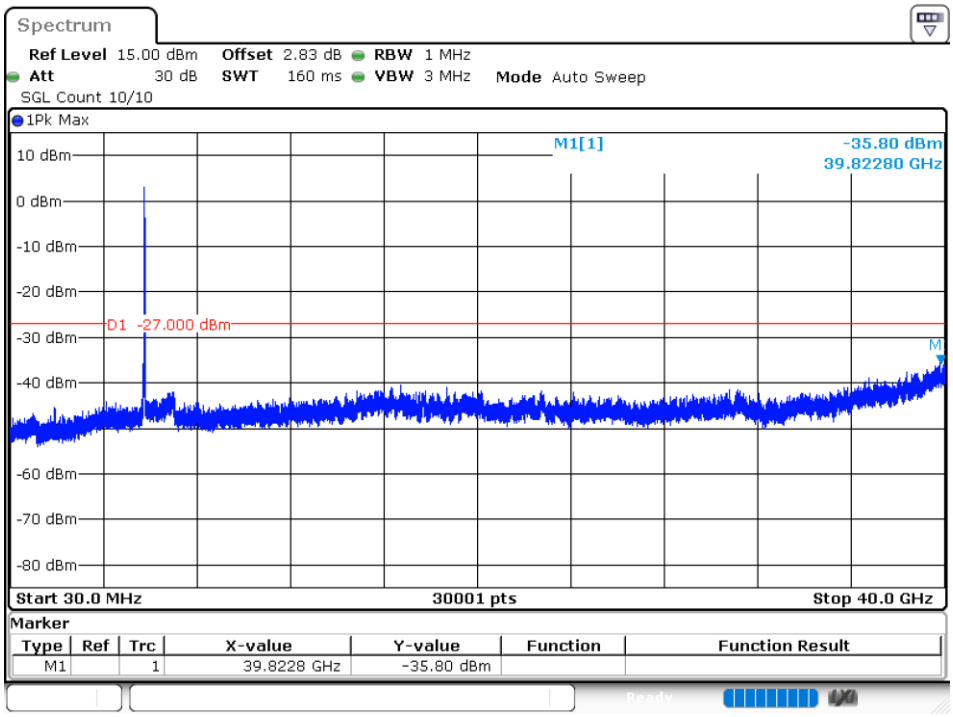
Tx. Spurious NVNT ax20 5825MHz Ant1 Emission



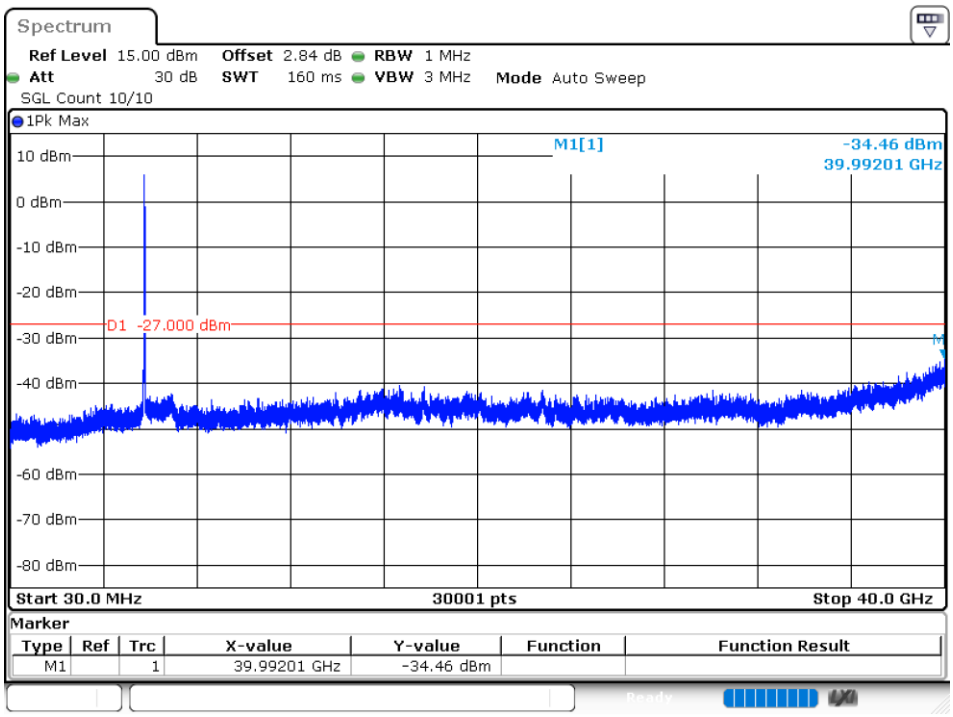
Tx. Spurious NVNT ax20 5825MHz Ant2 Emission



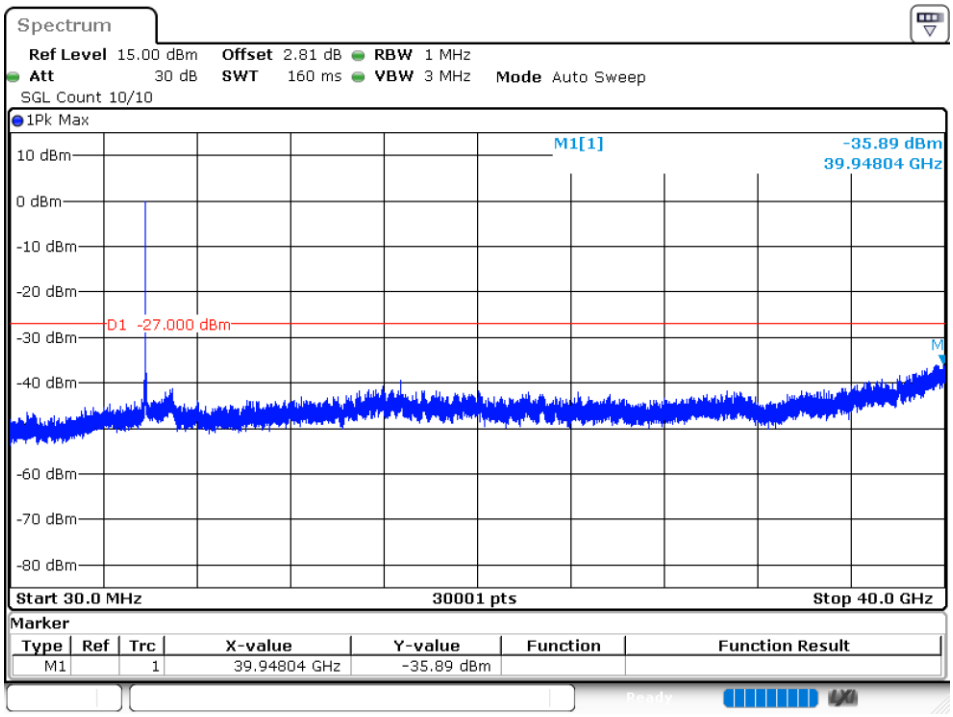
Tx. Spurious NVNT ax40 5755MHz Ant1 Emission



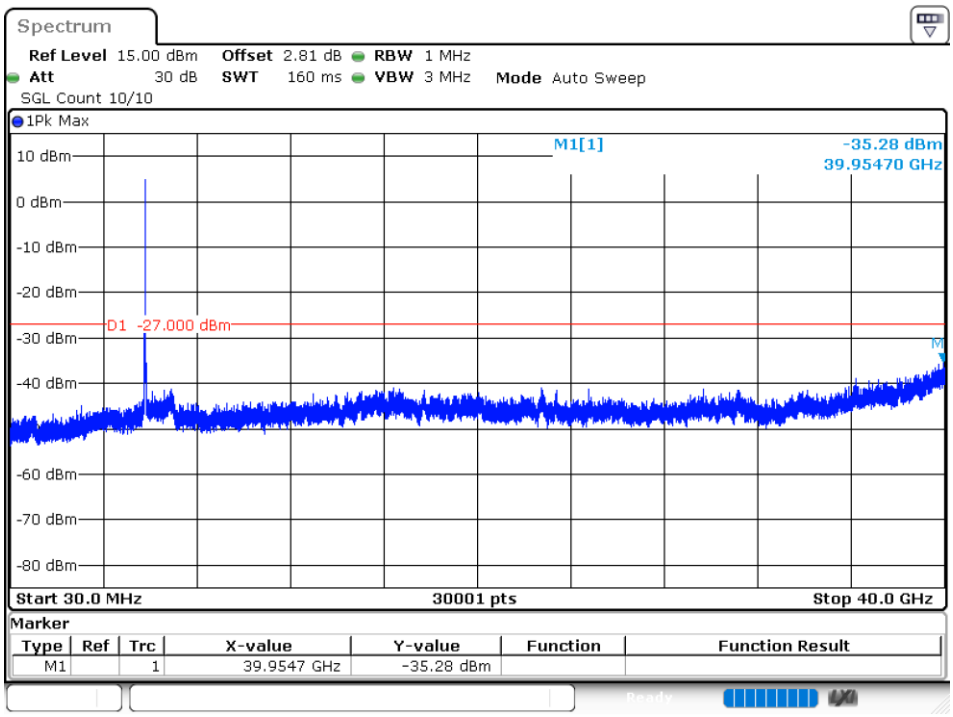
Tx. Spurious NVNT ax40 5755MHz Ant2 Emission



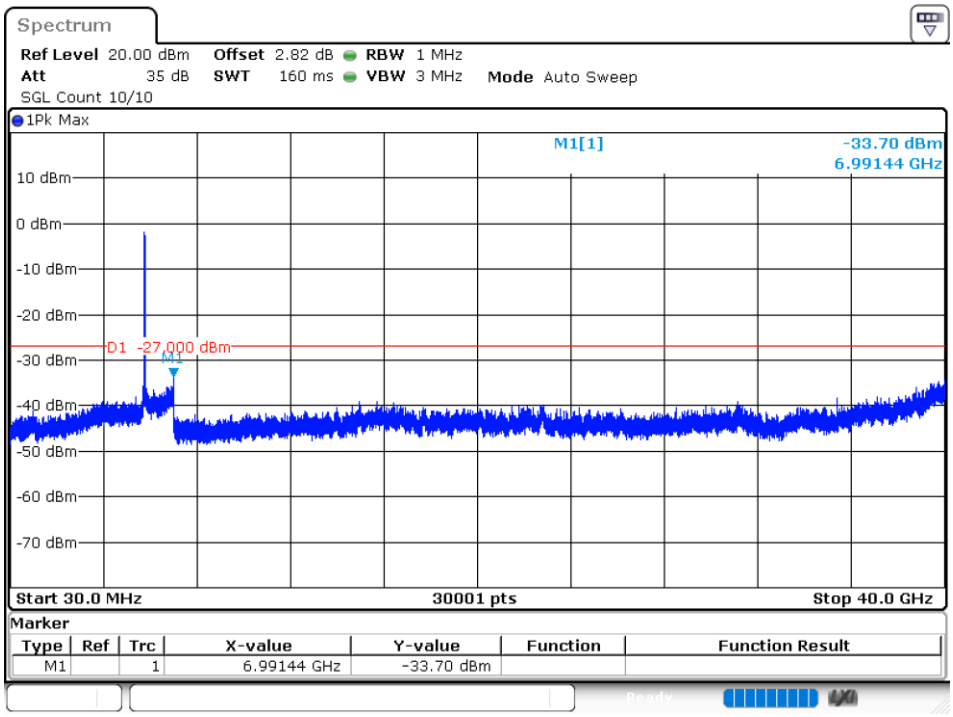
Tx. Spurious NVNT ax40 5795MHz Ant1 Emission



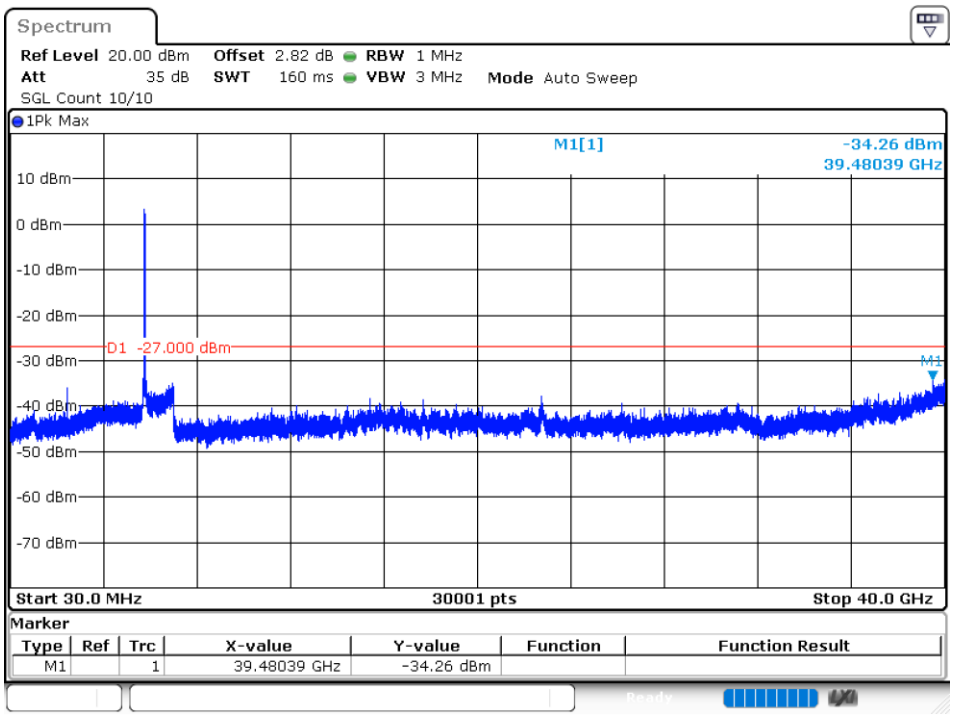
Tx. Spurious NVNT ax40 5795MHz Ant2 Emission



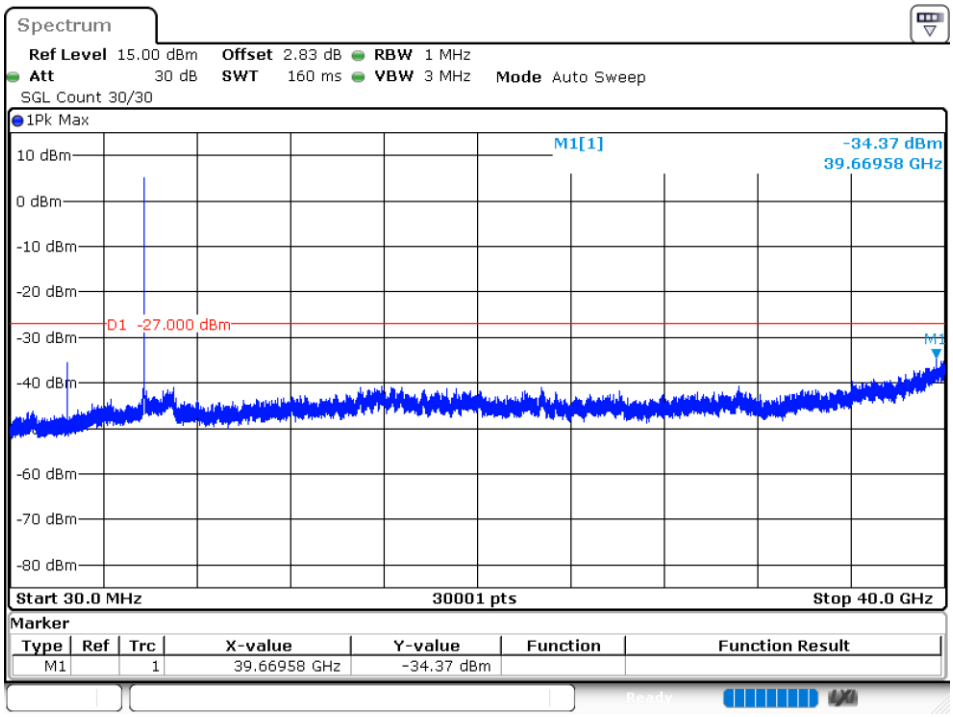
Tx. Spurious NVNT ax80 5775MHz Ant1 Emission



Tx. Spurious NVNT ax80 5775MHz Ant2 Emission



Tx. Spurious NVNT n20 5745MHz Ant1 Emission



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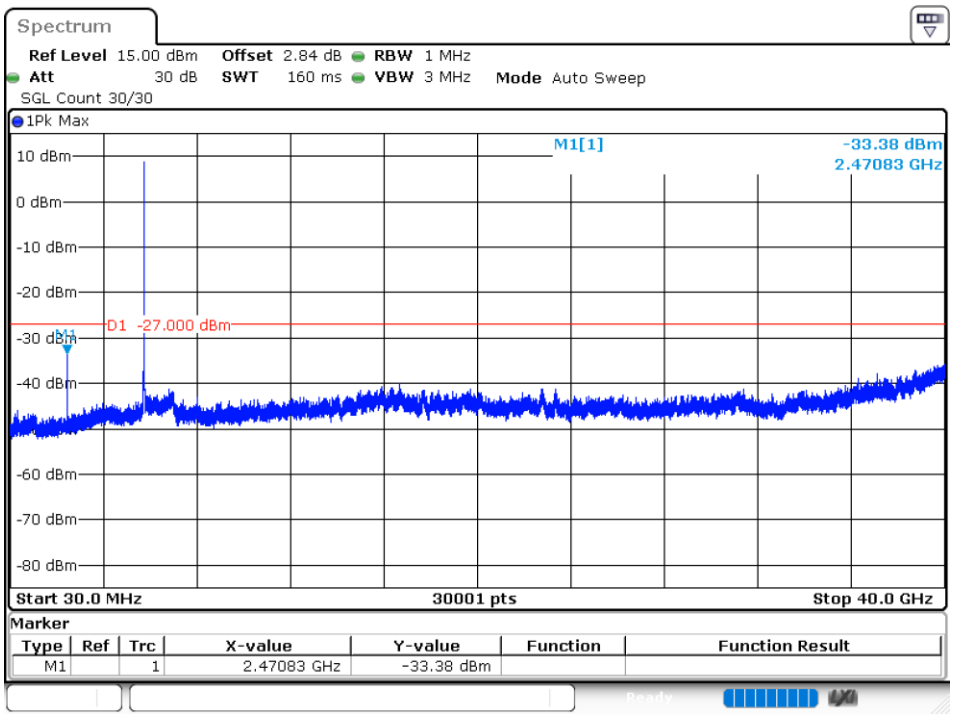

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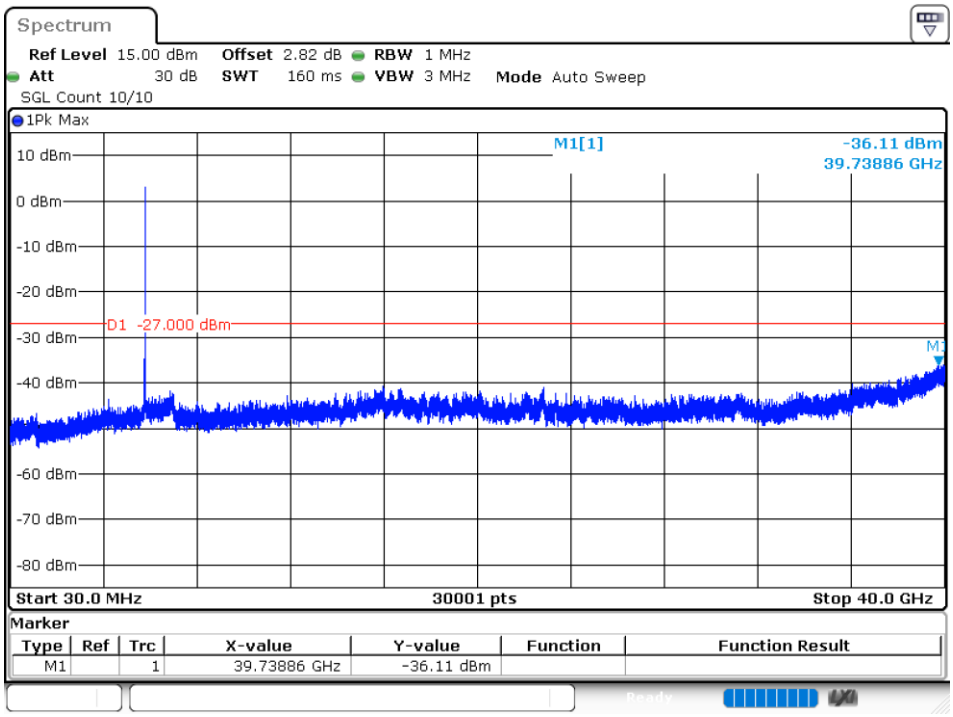

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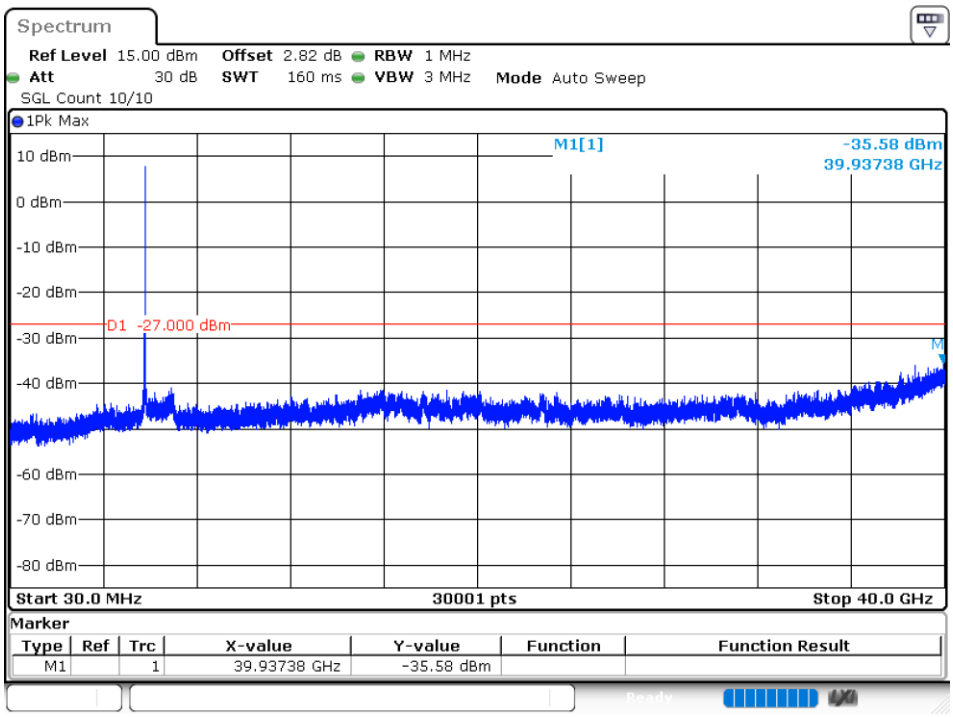
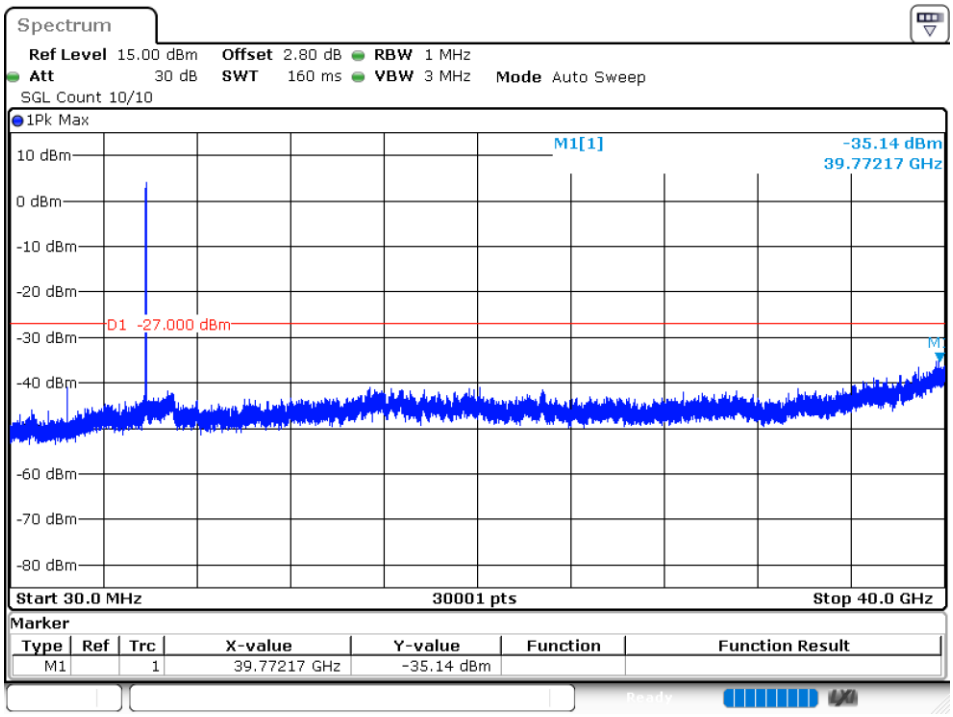
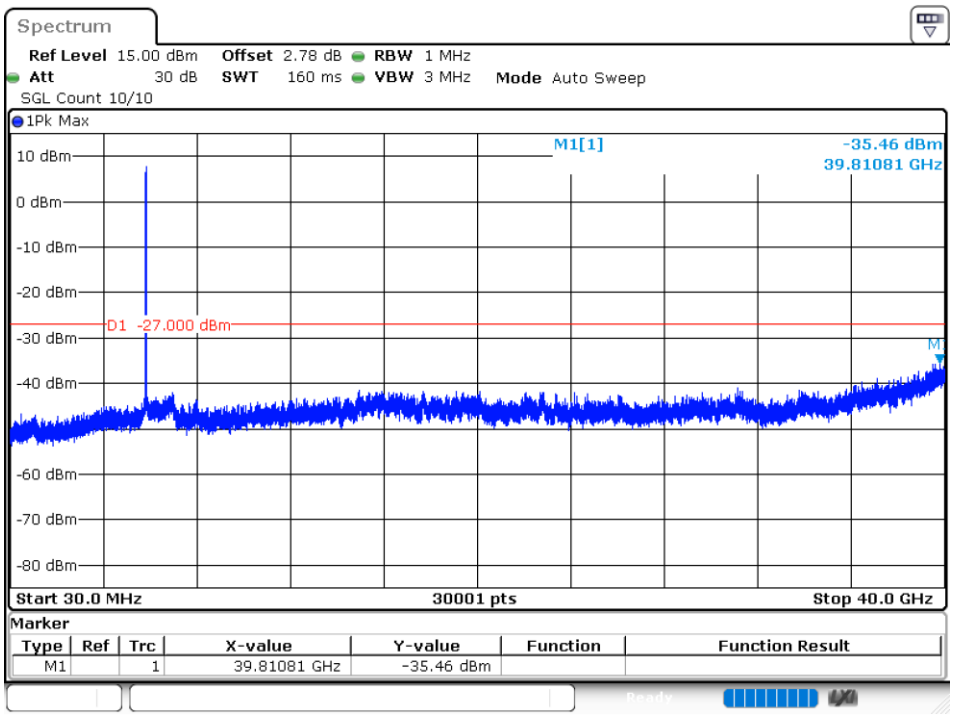


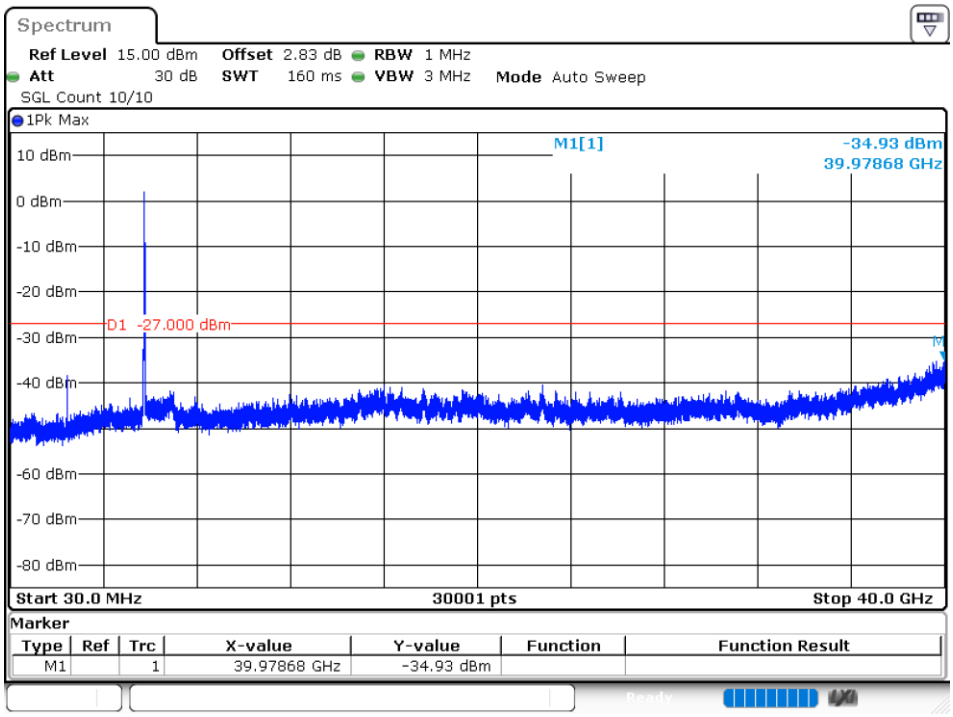
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



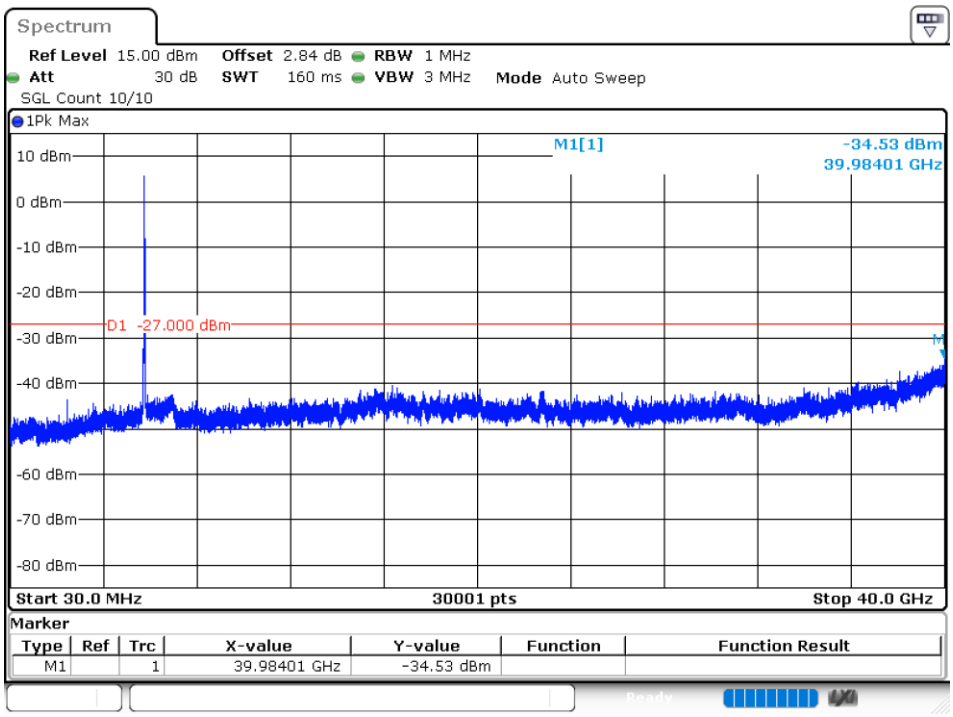
Tx. Spurious NVNT n20 5825MHz Ant2 Emission



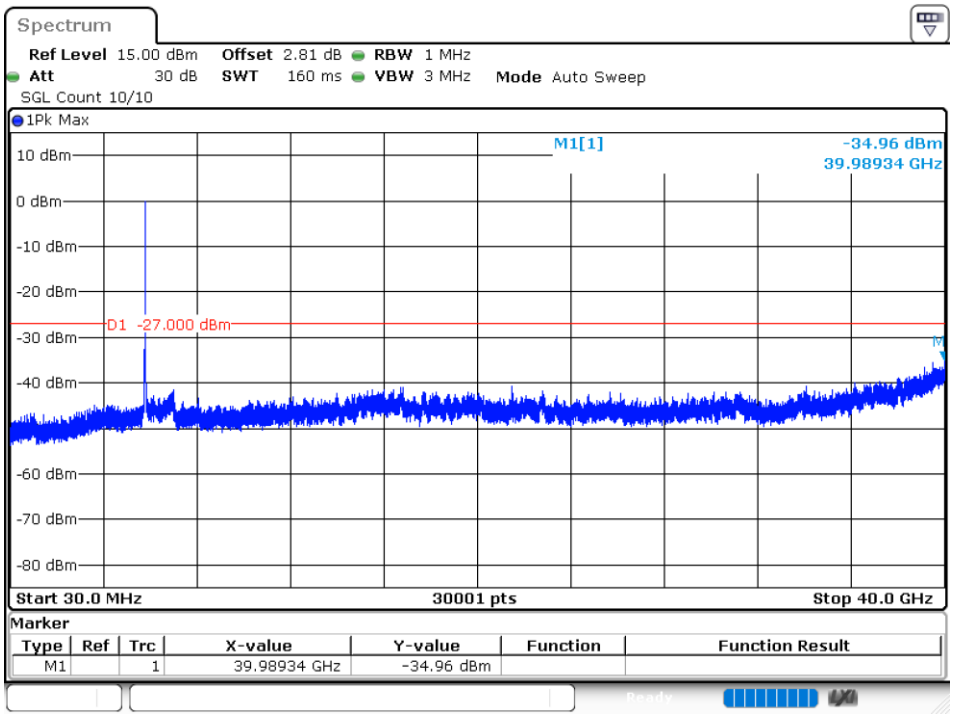
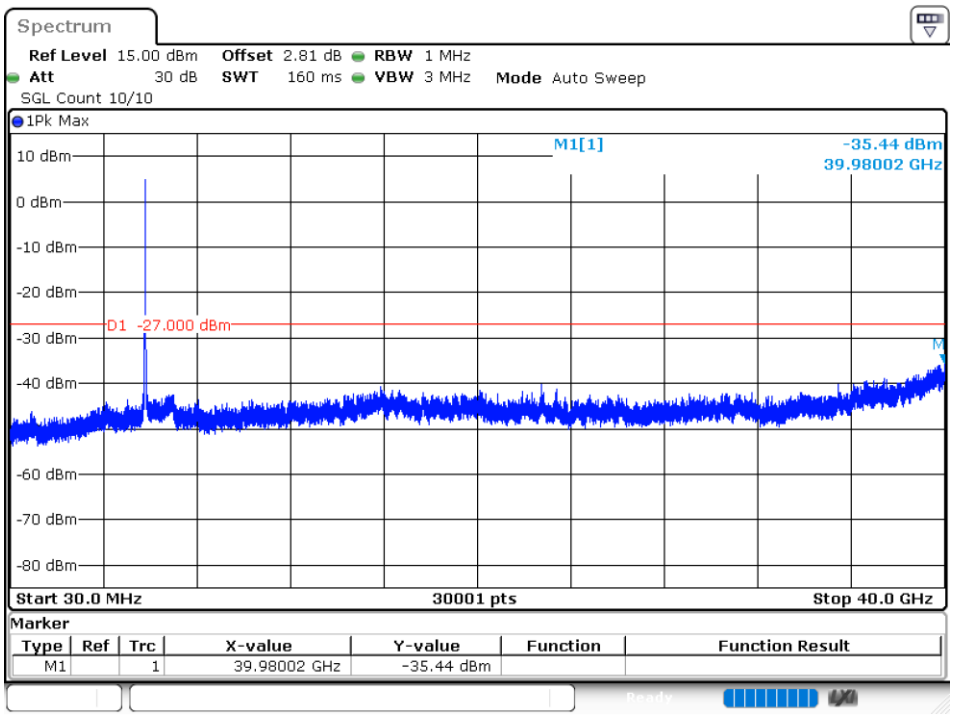
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant2 Emission



Tx. Spurious NVNT n40 5795MHz Ant1 Emission



Tx. Spurious NVNT n40 5795MHz Ant2 Emission