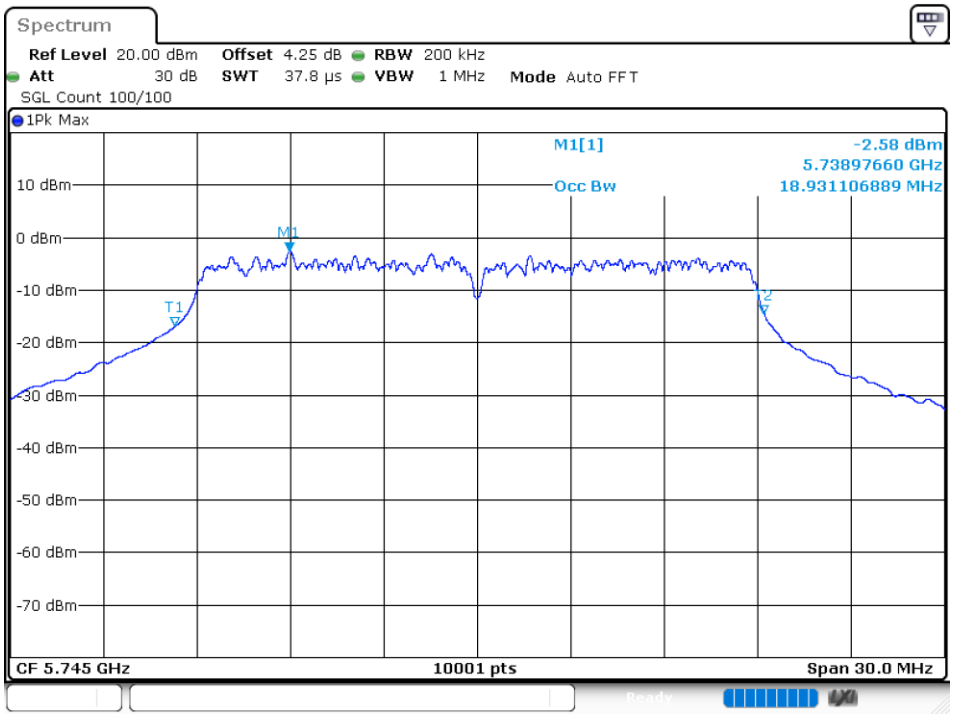
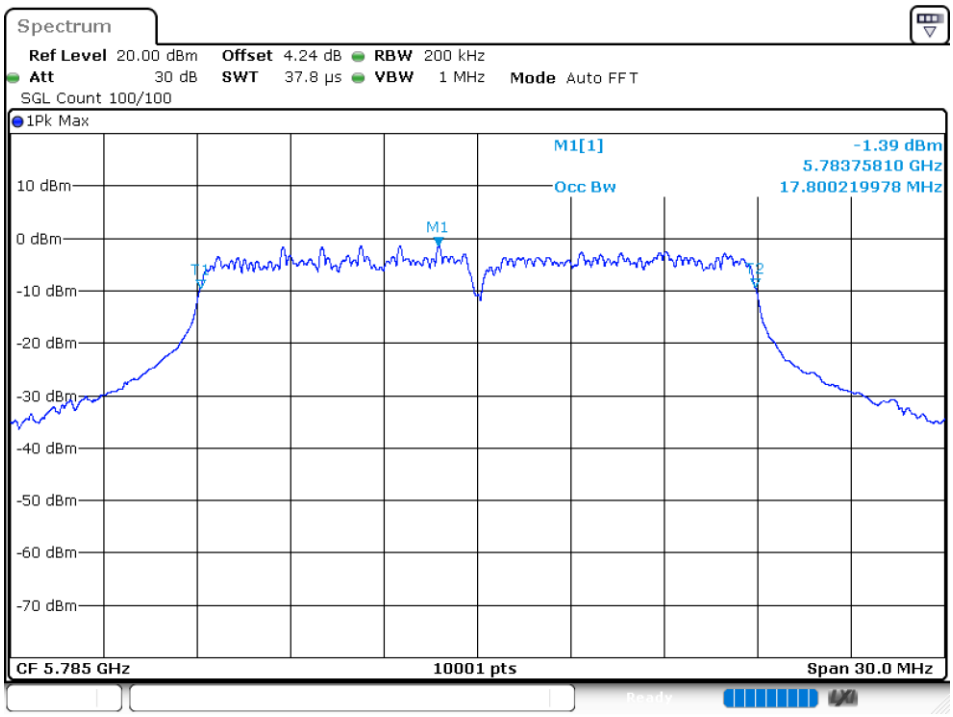
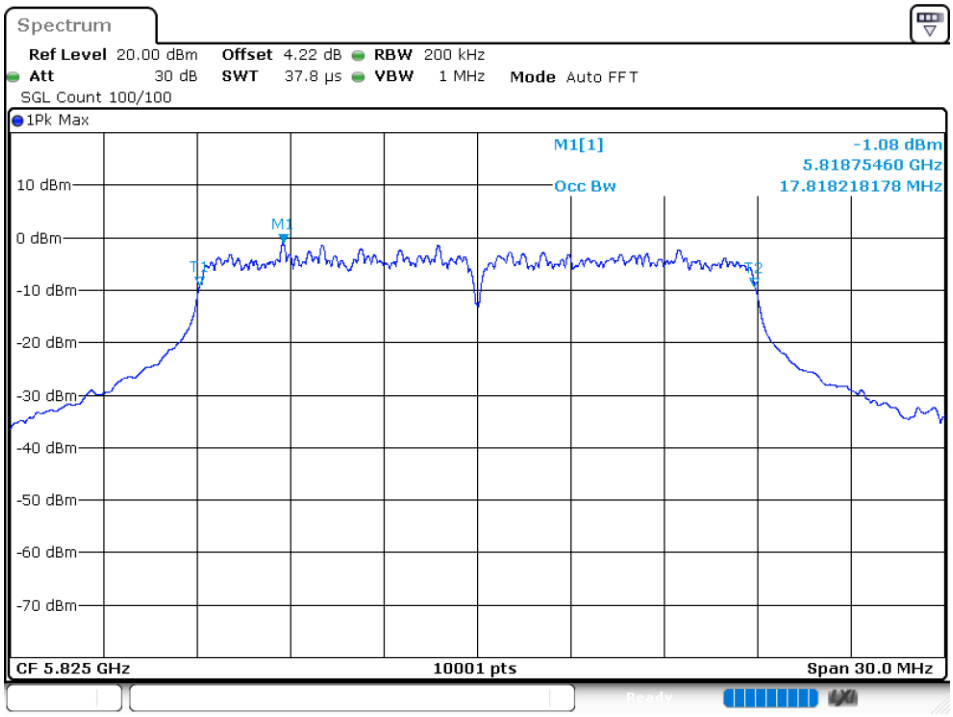
OBW NVNT ac20 5745MHz Ant1



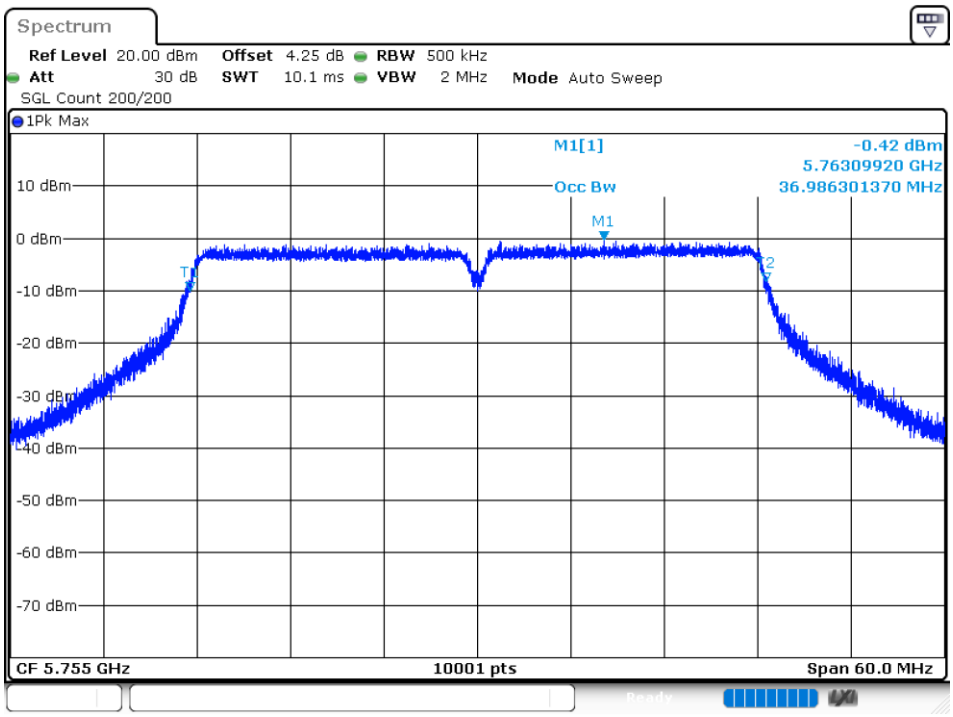
OBW NVNT ac20 5785MHz Ant1



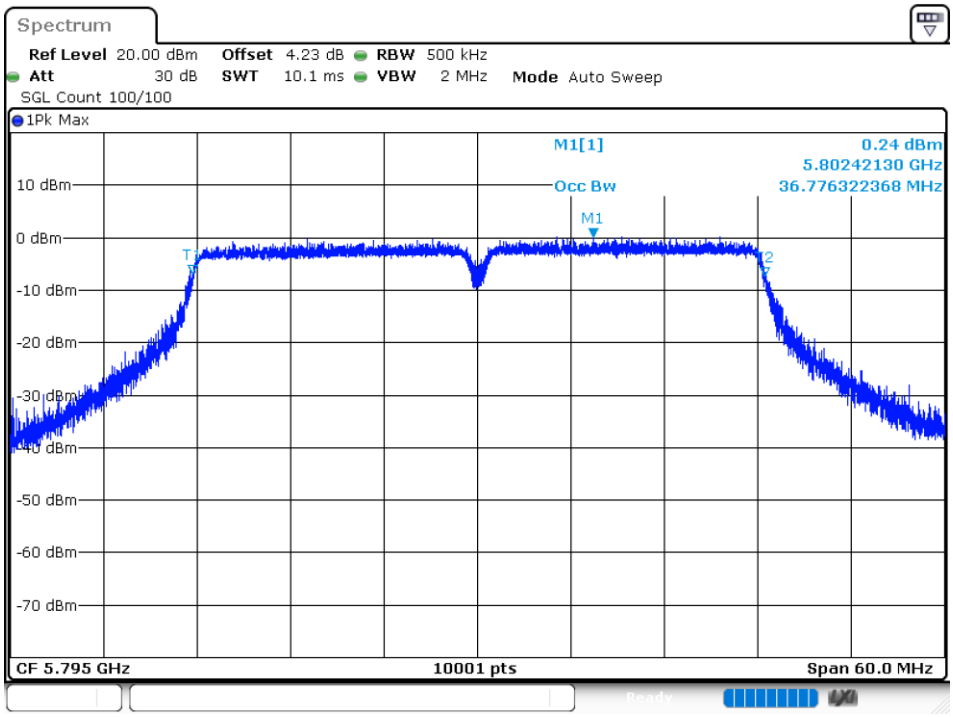
OBW NVNT ac20 5825MHz Ant1



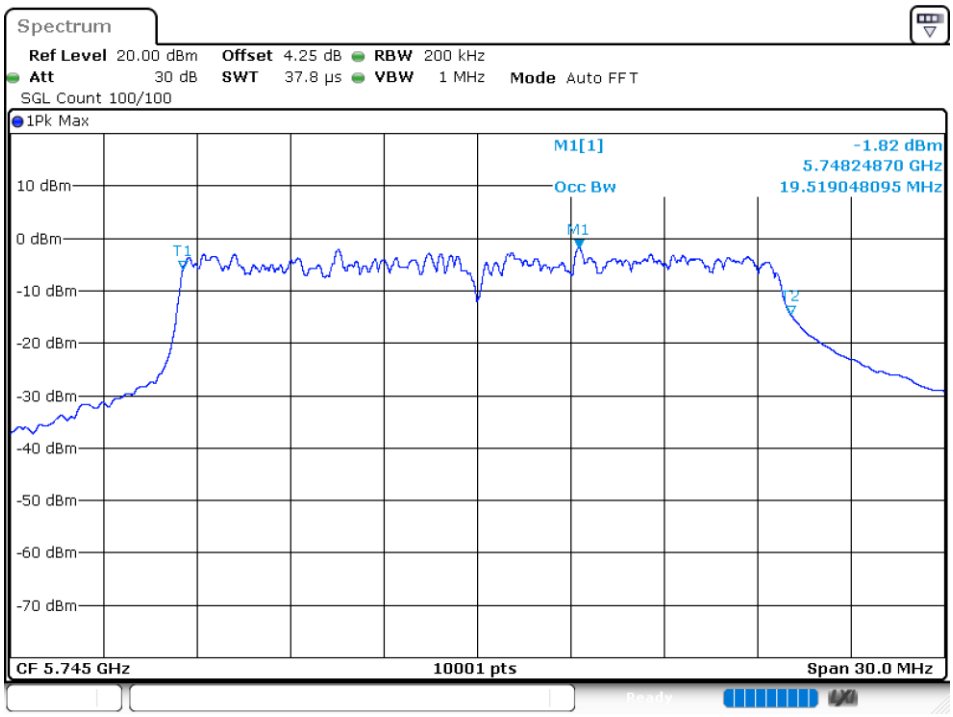
OBW NVNT ac40 5755MHz Ant1



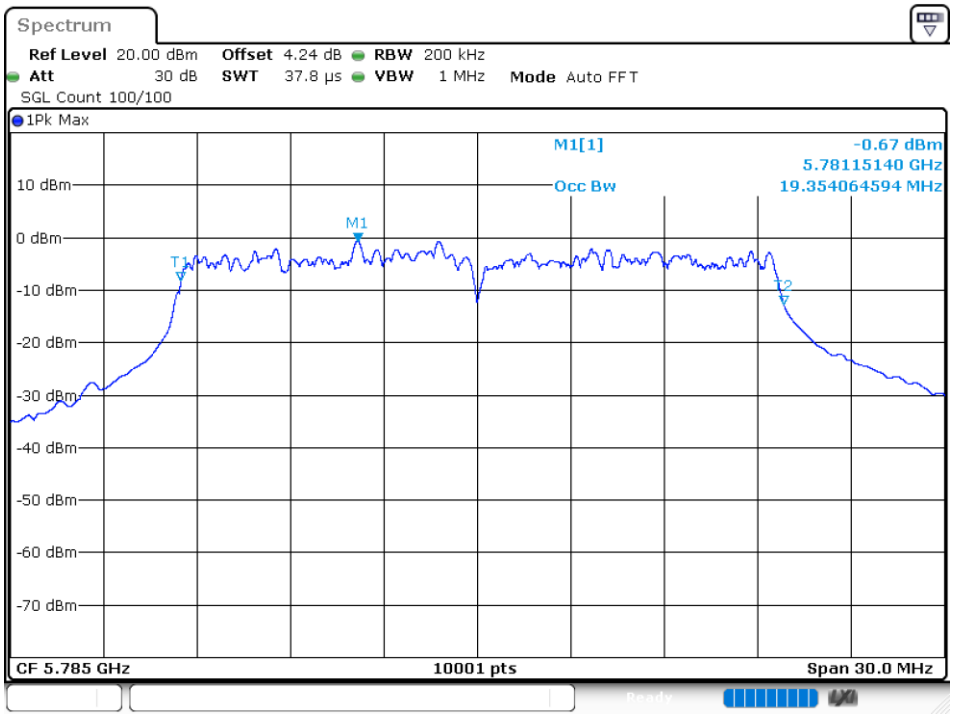
OBW NVNT ac40 5795MHz Ant1



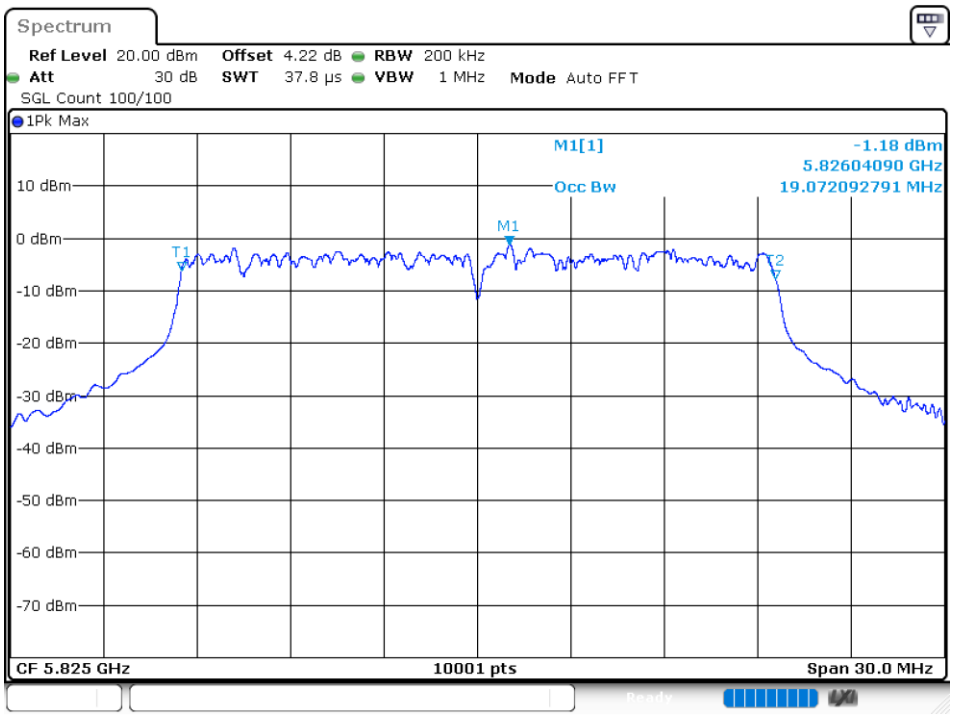
OBW NVNT ax20 5745MHz Ant1



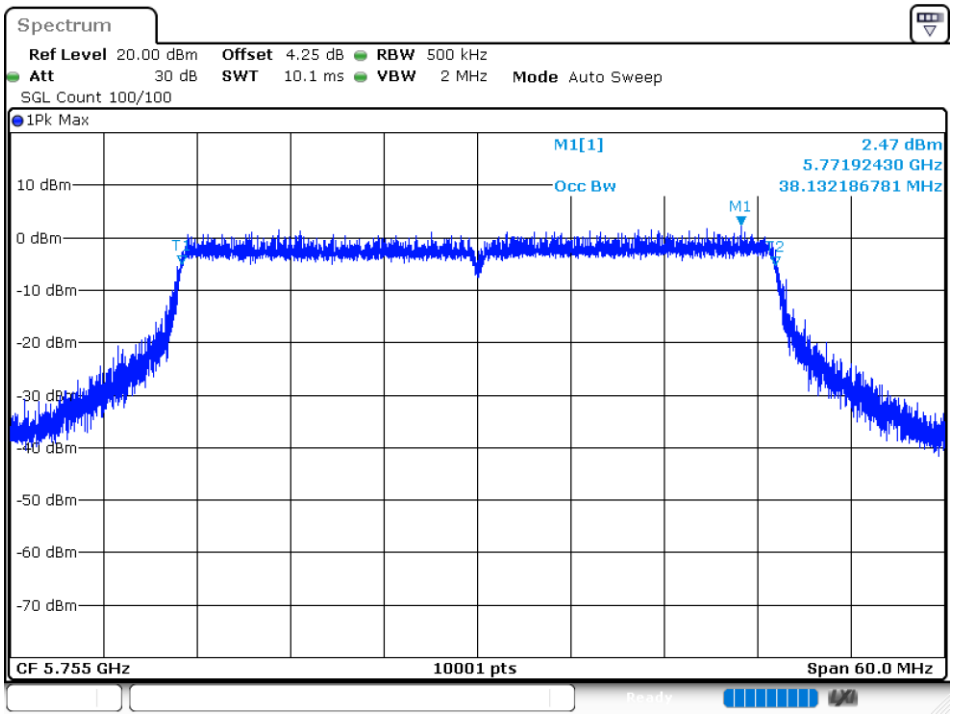
OBW NVNT ax20 5785MHz Ant1



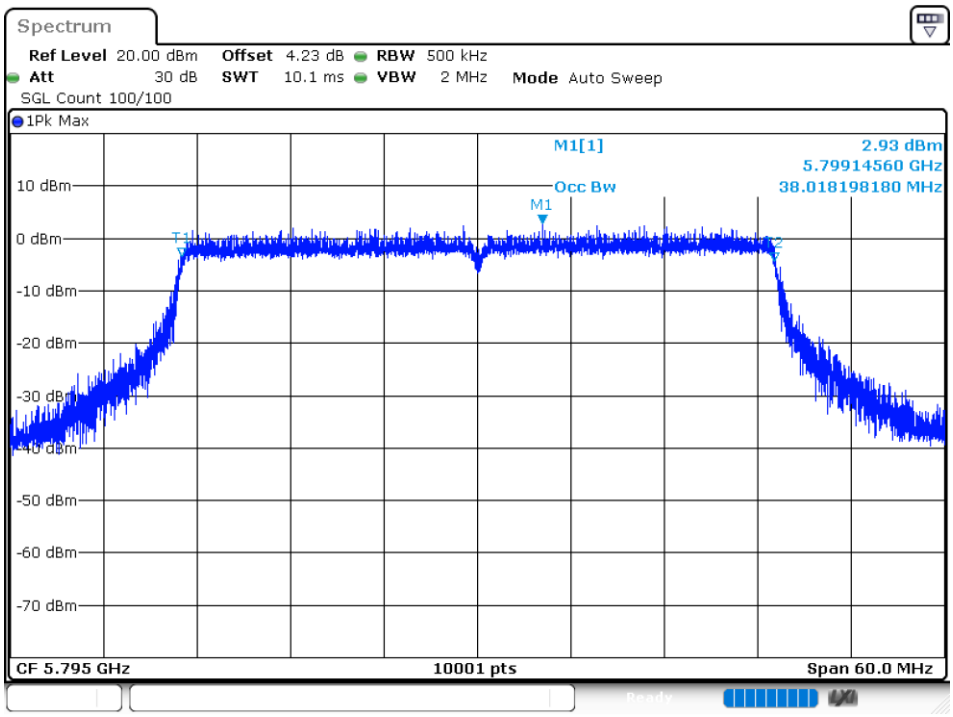
OBW NVNT ax20 5825MHz Ant1



OBW NVNT ax40 5755MHz Ant1



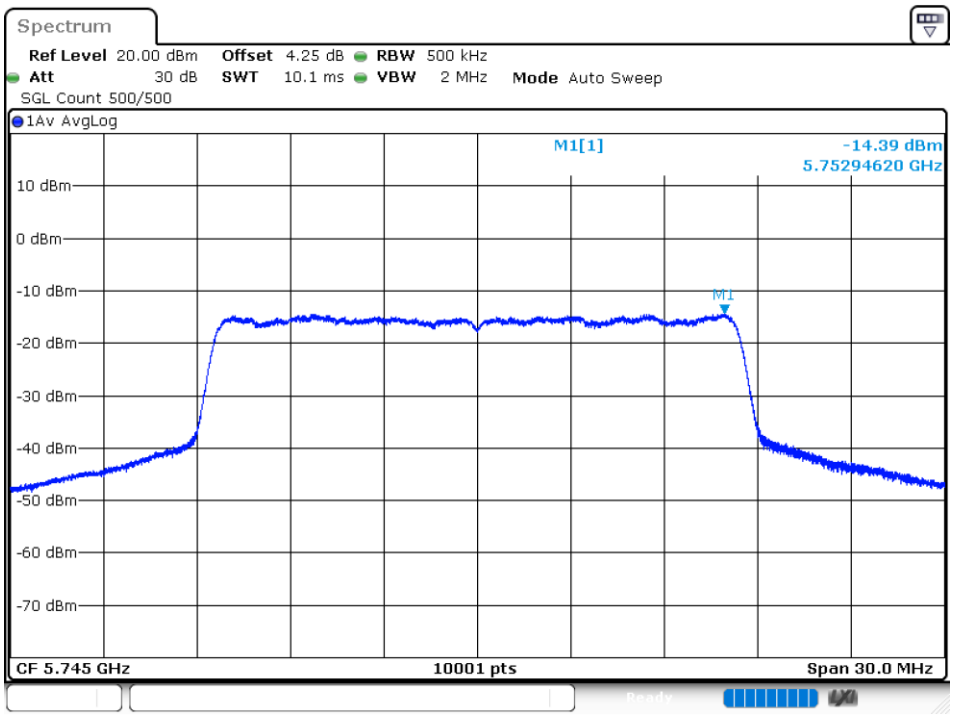
OBW NVNT ax40 5795MHz Ant1



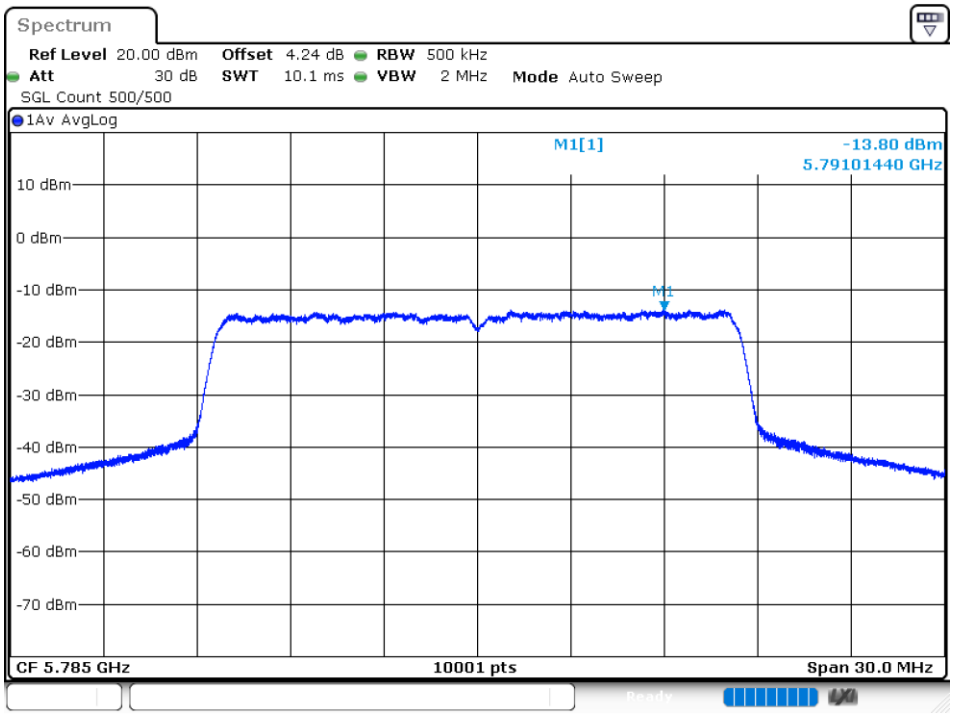
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-14.39	0.76	-13.63	30	Pass
NVNT	a	5785	Ant1	-13.8	0.72	-13.08	30	Pass
NVNT	a	5825	Ant1	-13.68	0.77	-12.91	30	Pass
NVNT	n20	5745	Ant1	-15.55	0.77	-14.78	30	Pass
NVNT	n20	5785	Ant1	-14.44	0.78	-13.66	30	Pass
NVNT	n20	5825	Ant1	-14.38	0.77	-13.61	30	Pass
NVNT	n40	5755	Ant1	-17.65	0.81	-16.84	30	Pass
NVNT	n40	5795	Ant1	-17.34	0.82	-16.52	30	Pass
NVNT	ac20	5745	Ant1	-14.98	0.82	-14.16	30	Pass
NVNT	ac20	5785	Ant1	-14.73	0.82	-13.91	30	Pass
NVNT	ac20	5825	Ant1	-14.45	0.84	-13.61	30	Pass
NVNT	ac40	5755	Ant1	-17.83	0.81	-17.02	30	Pass
NVNT	ac40	5795	Ant1	-17.38	0.81	-16.57	30	Pass
NVNT	ax20	5745	Ant1	-17.87	1.01	-16.86	30	Pass
NVNT	ax20	5785	Ant1	-16.95	1.04	-15.91	30	Pass
NVNT	ax20	5825	Ant1	-16.83	1.04	-15.79	30	Pass
NVNT	ax40	5755	Ant1	-19.83	1.03	-18.8	30	Pass
NVNT	ax40	5795	Ant1	-19.28	1.03	-18.25	30	Pass

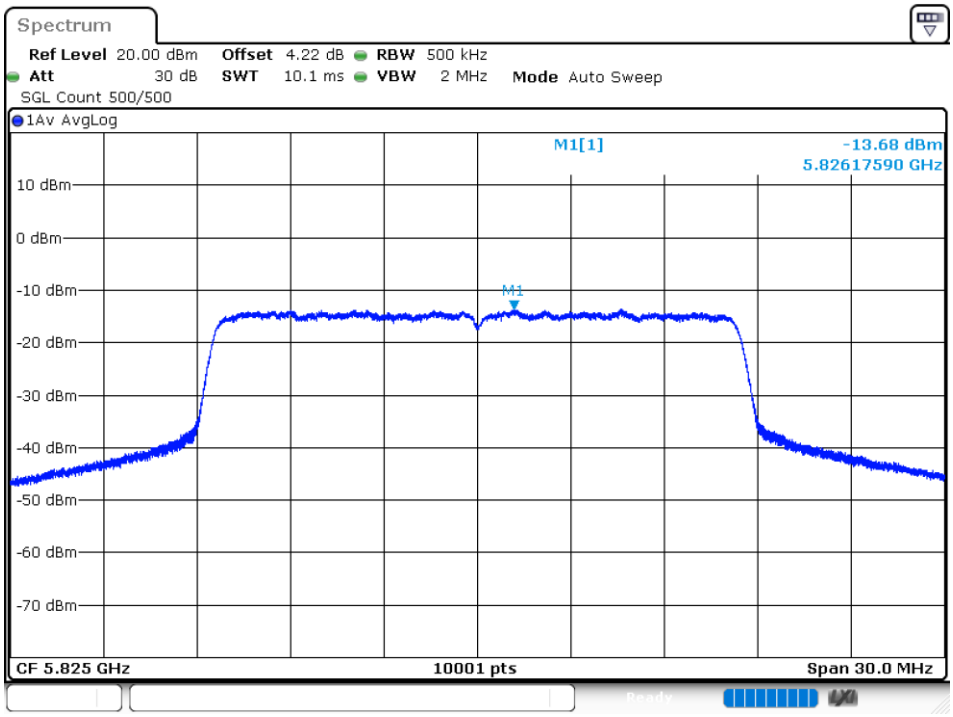
Test Graphs
PSD NVNT a 5745MHz Ant1



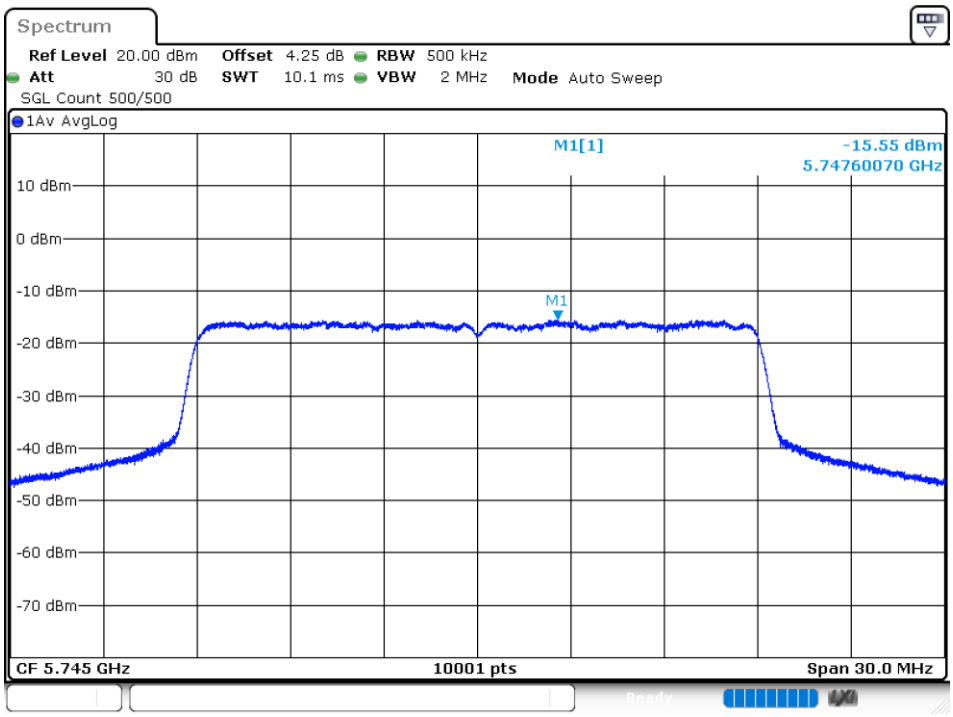
PSD NVNT a 5785MHz Ant1



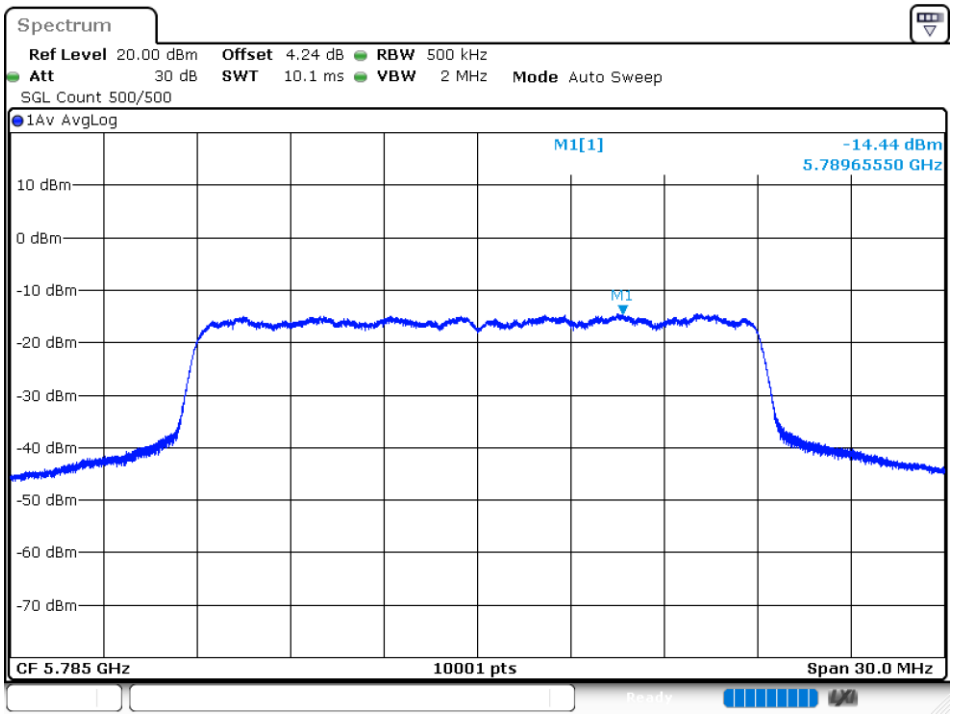
PSD NVNT a 5825MHz Ant1



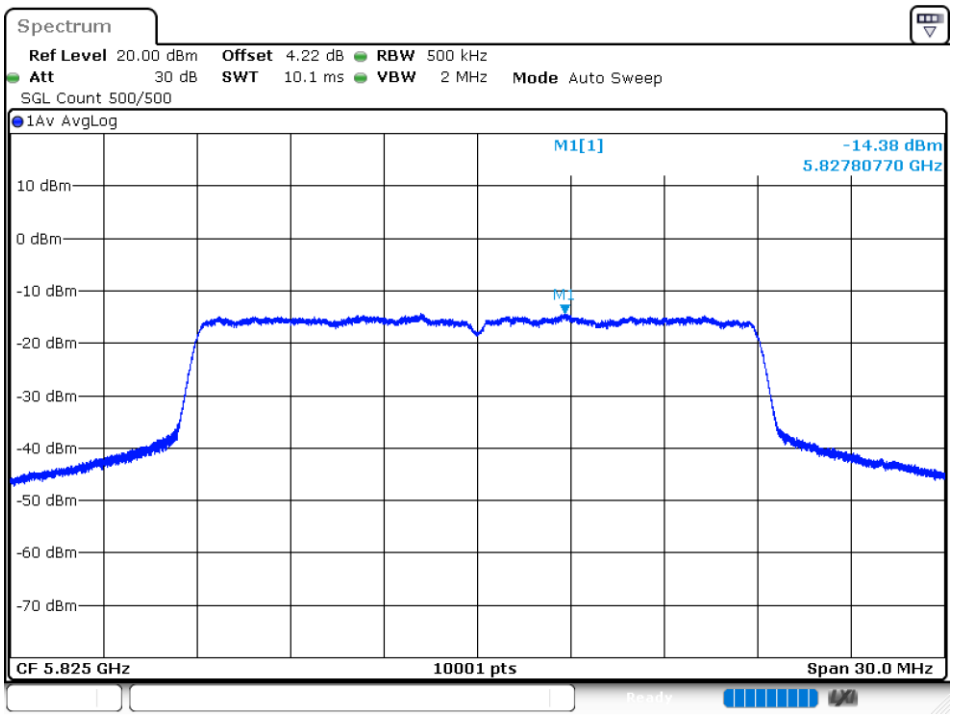
PSD NVNT n20 5745MHz Ant1



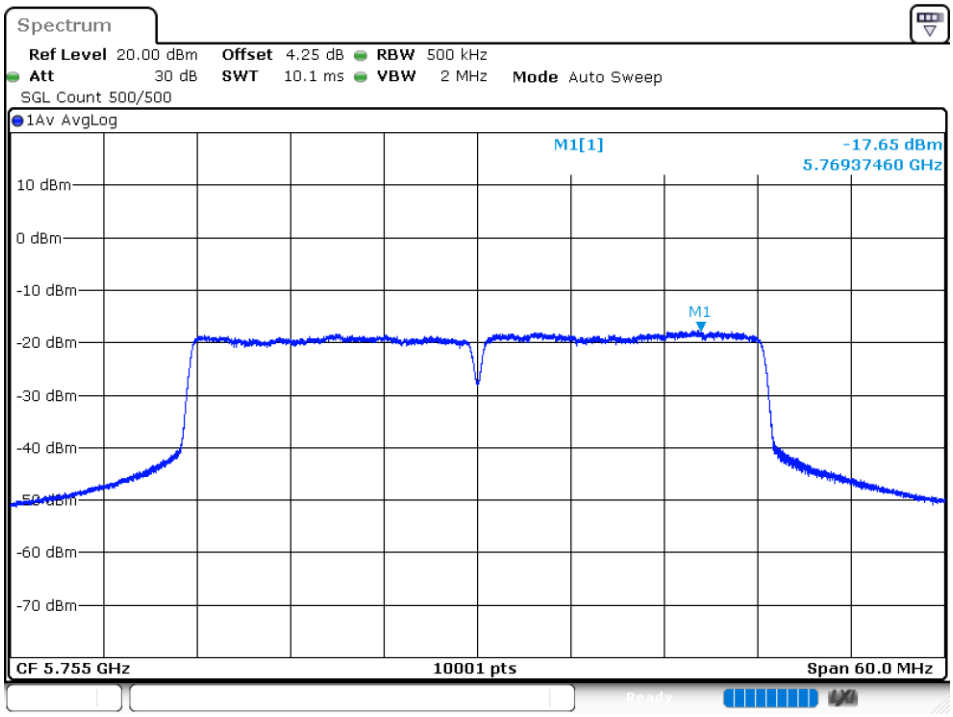
PSD NVNT n20 5785MHz Ant1



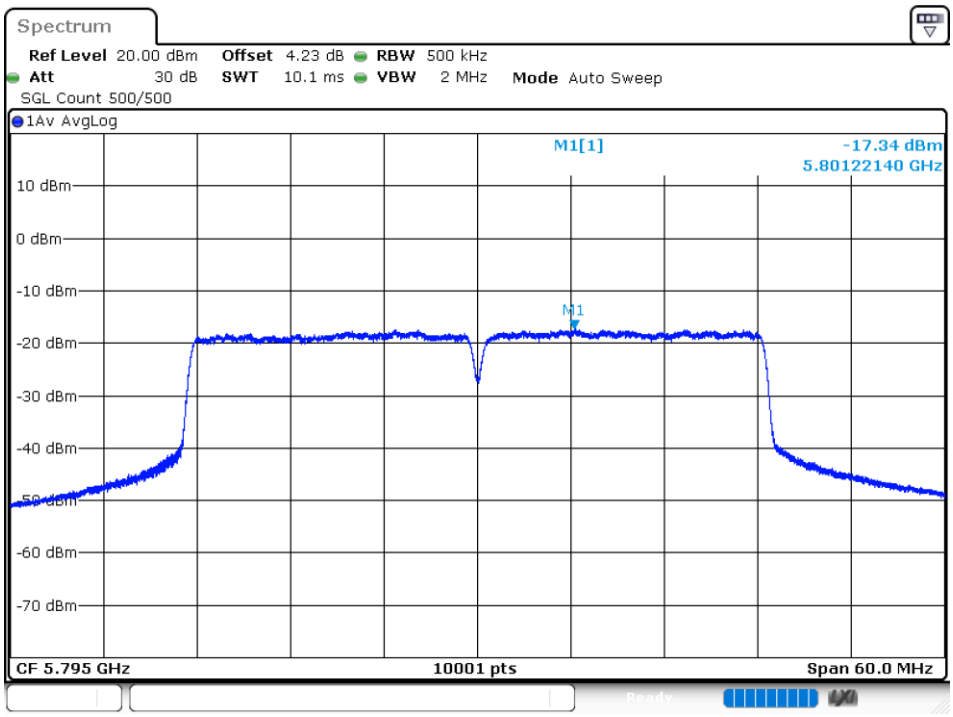
PSD NVNT n20 5825MHz Ant1



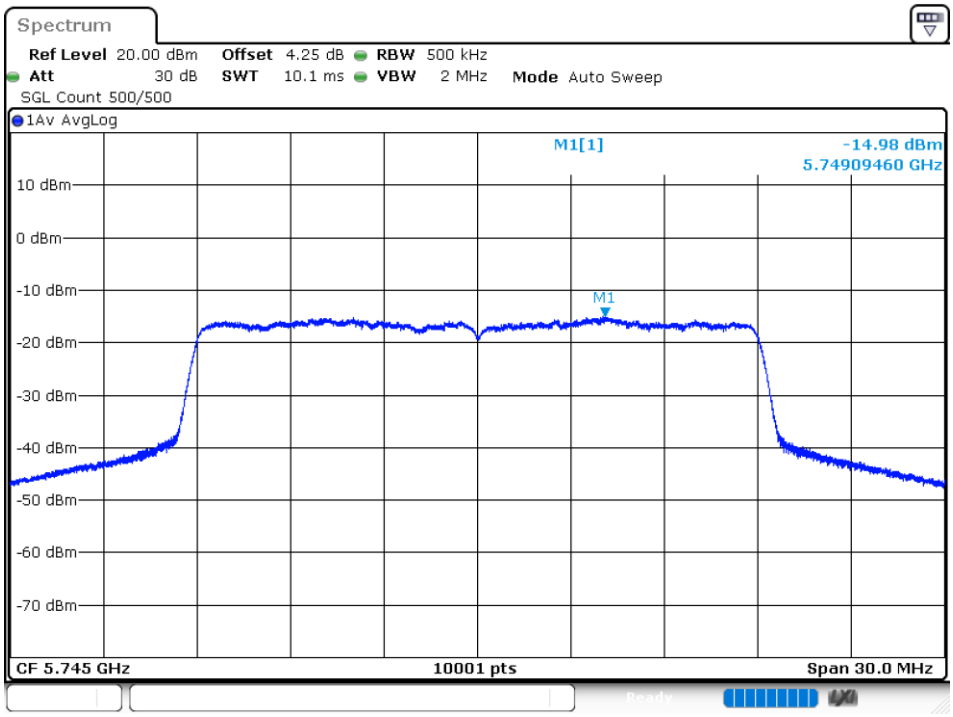
PSD NVNT n40 5755MHz Ant1



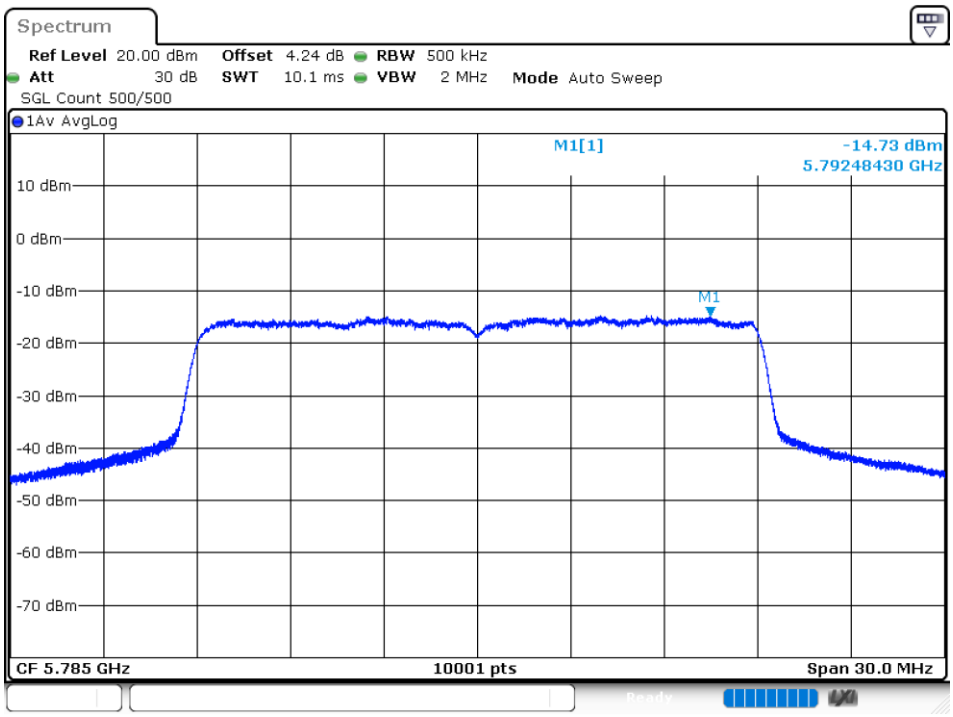
PSD NVNT n40 5795MHz Ant1



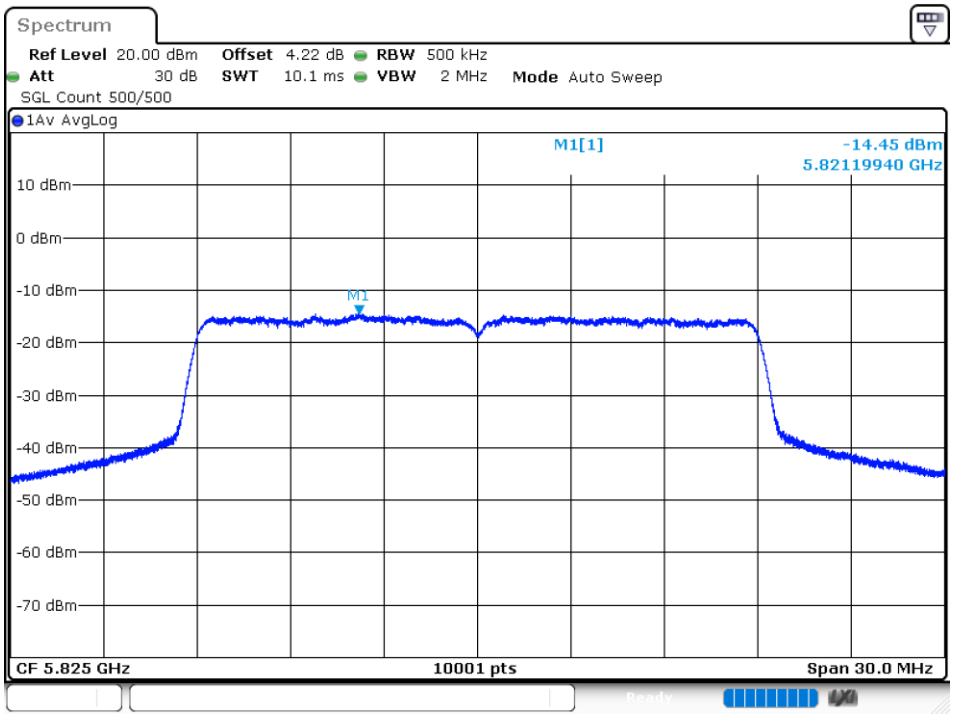
PSD NVNT ac20 5745MHz Ant1



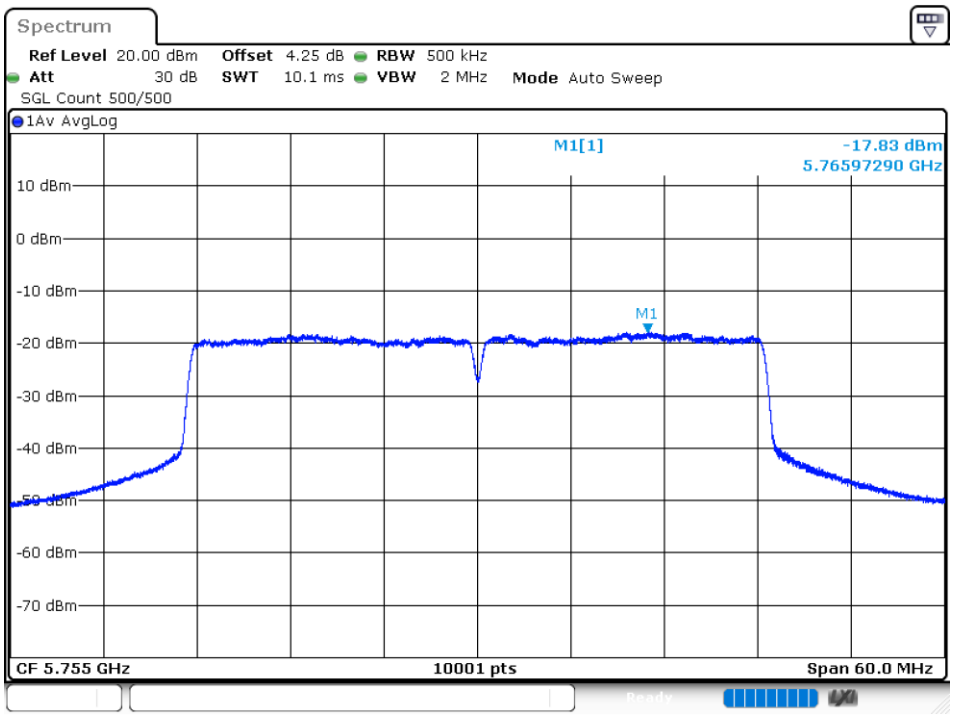
PSD NVNT ac20 5785MHz Ant1



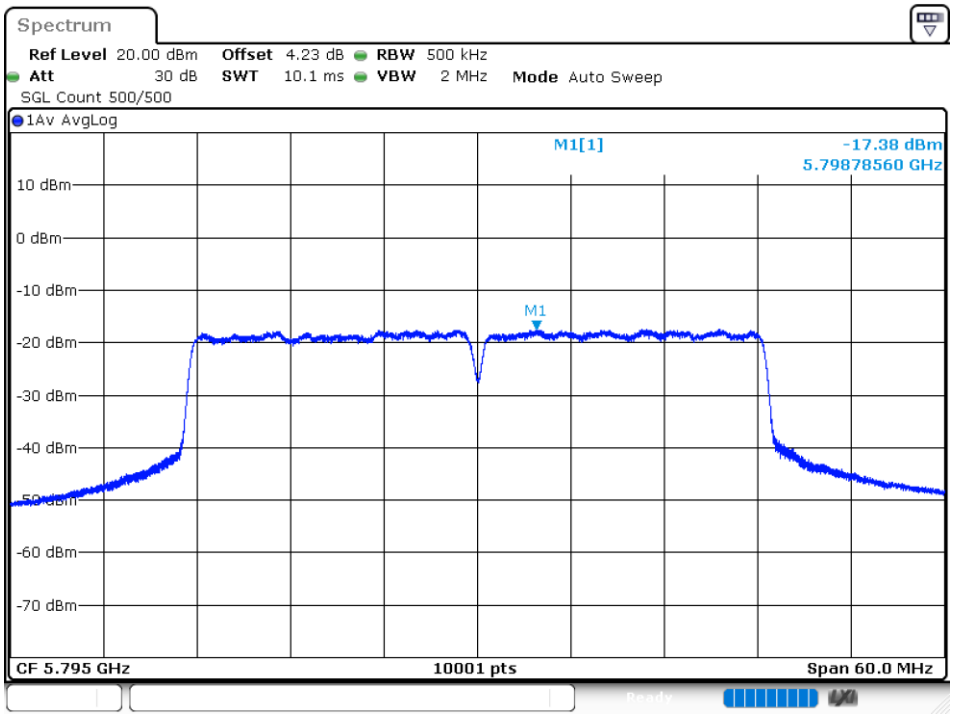
PSD NVNT ac20 5825MHz Ant1



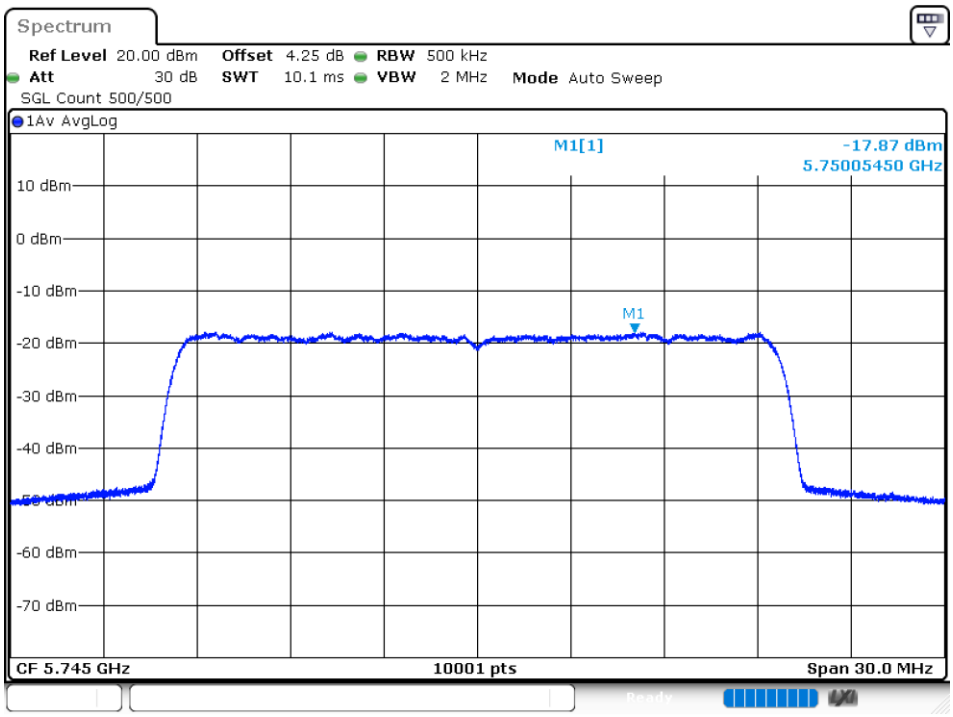
PSD NVNT ac40 5755MHz Ant1



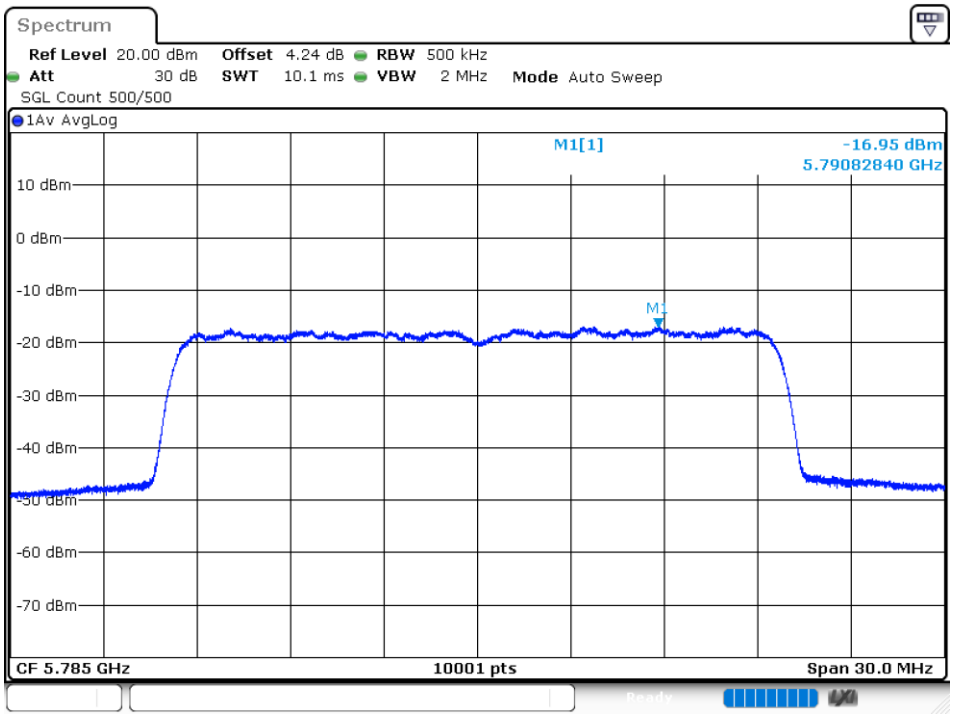
PSD NVNT ac40 5795MHz Ant1



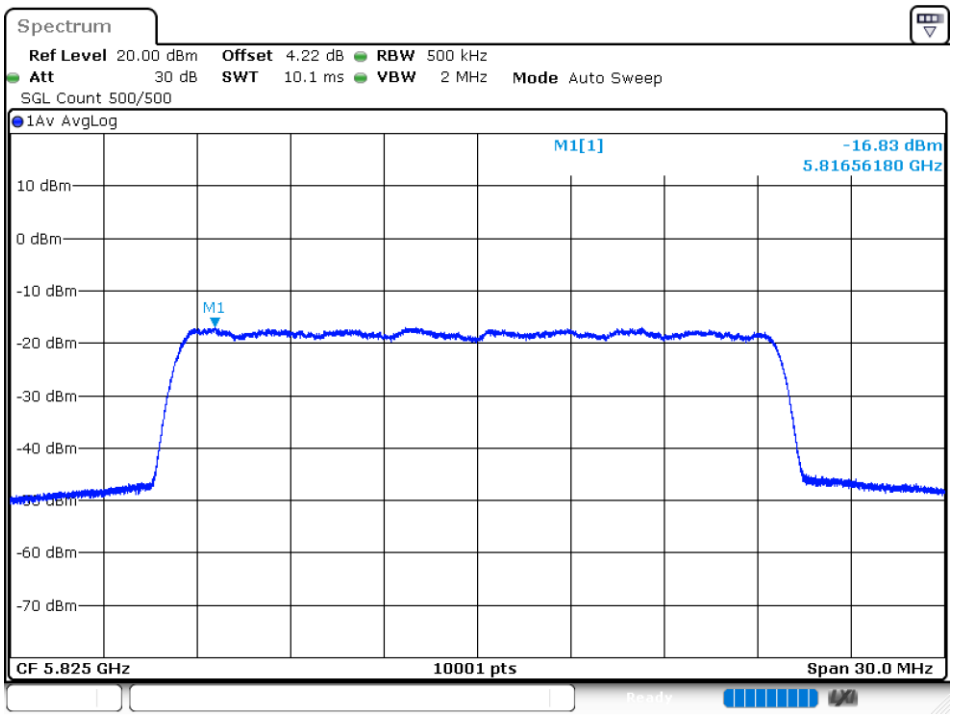
PSD NVNT ax20 5745MHz Ant1



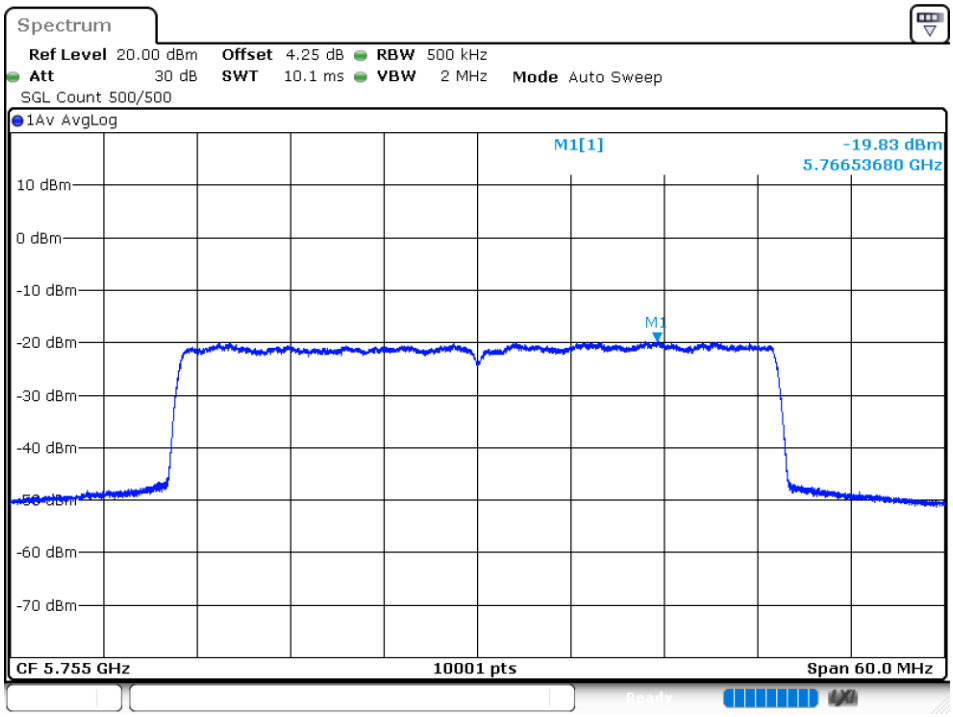
PSD NVNT ax20 5785MHz Ant1



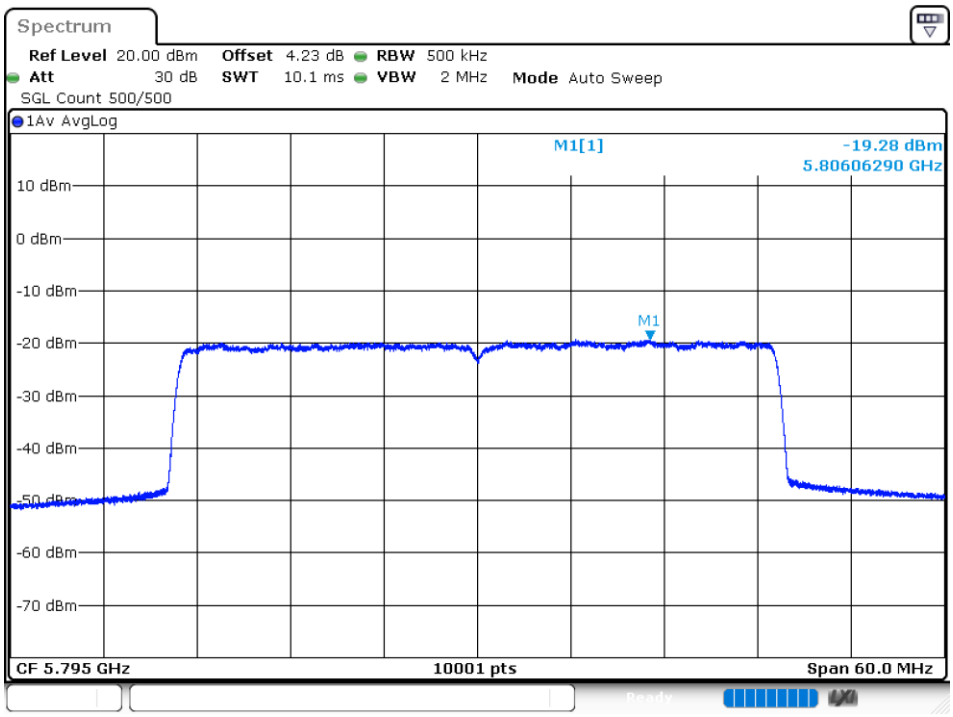
PSD NVNT ax20 5825MHz Ant1



PSD NVNT ax40 5755MHz Ant1



PSD NVNT ax40 5795MHz Ant1



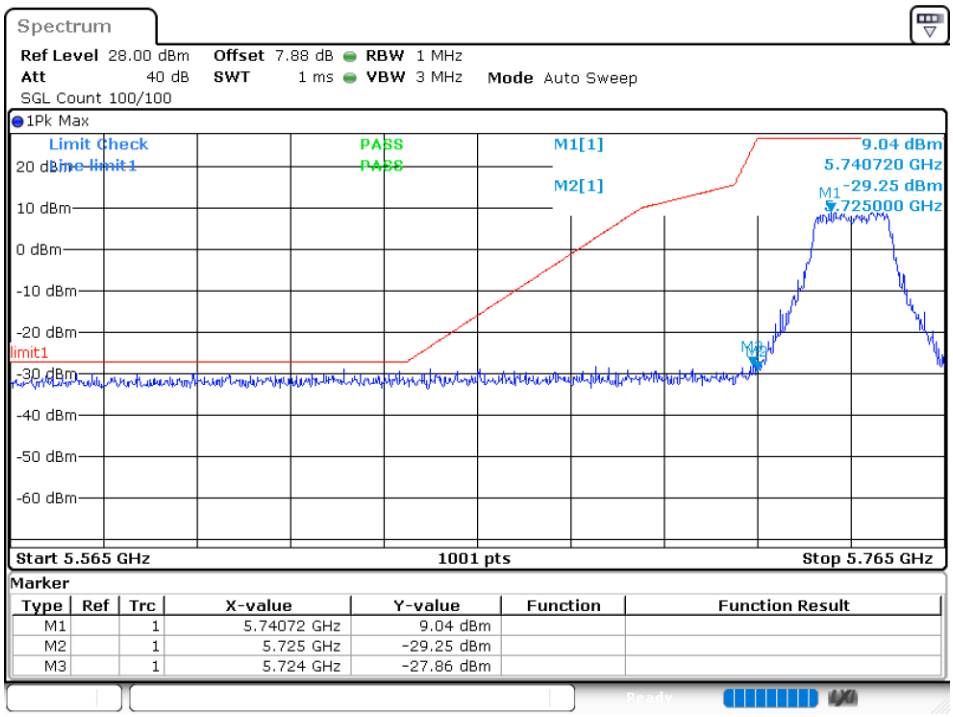
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-27.85	Pass
NVNT	a	5825	Ant1	-27.86	Pass
NVNT	n20	5745	Ant1	-25.63	Pass
NVNT	n20	5825	Ant1	-26.95	Pass
NVNT	n40	5755	Ant1	-27	Pass
NVNT	n40	5795	Ant1	-27.19	Pass
NVNT	ac20	5745	Ant1	-25.5	Pass
NVNT	ac20	5825	Ant1	-27.27	Pass
NVNT	ac40	5755	Ant1	-24.85	Pass
NVNT	ac40	5795	Ant1	-26.76	Pass
NVNT	ax20	5745	Ant1	-23.96	Pass
NVNT	ax20	5825	Ant1	-24.62	Pass
NVNT	ax40	5755	Ant1	-25.79	Pass
NVNT	ax40	5795	Ant1	-27.52	Pass

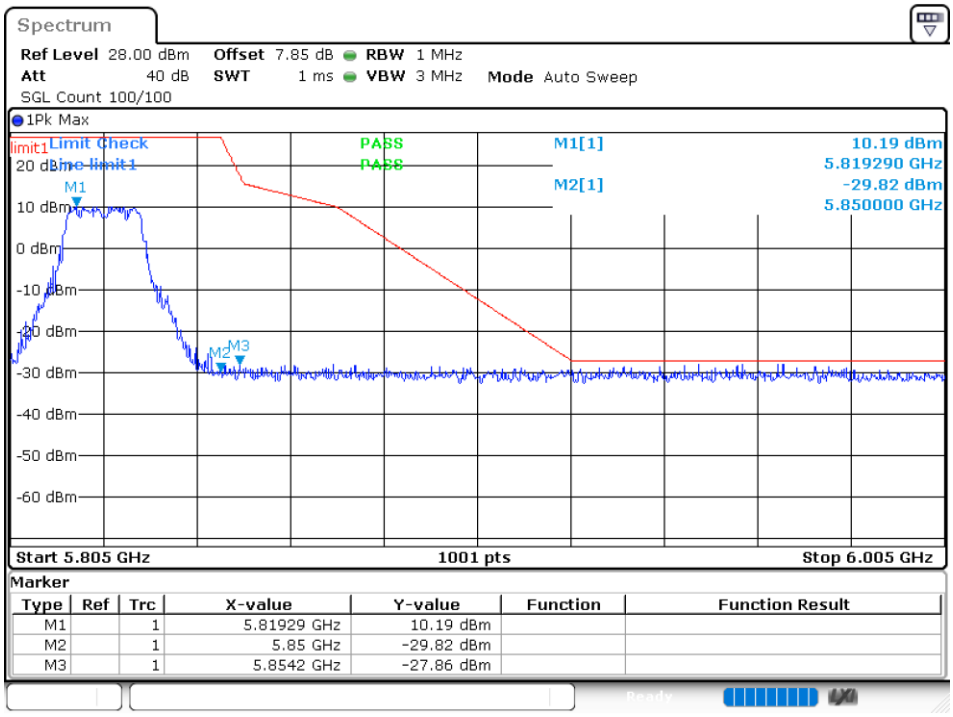
Note: Tested with increased antenna gain.

Test Graphs

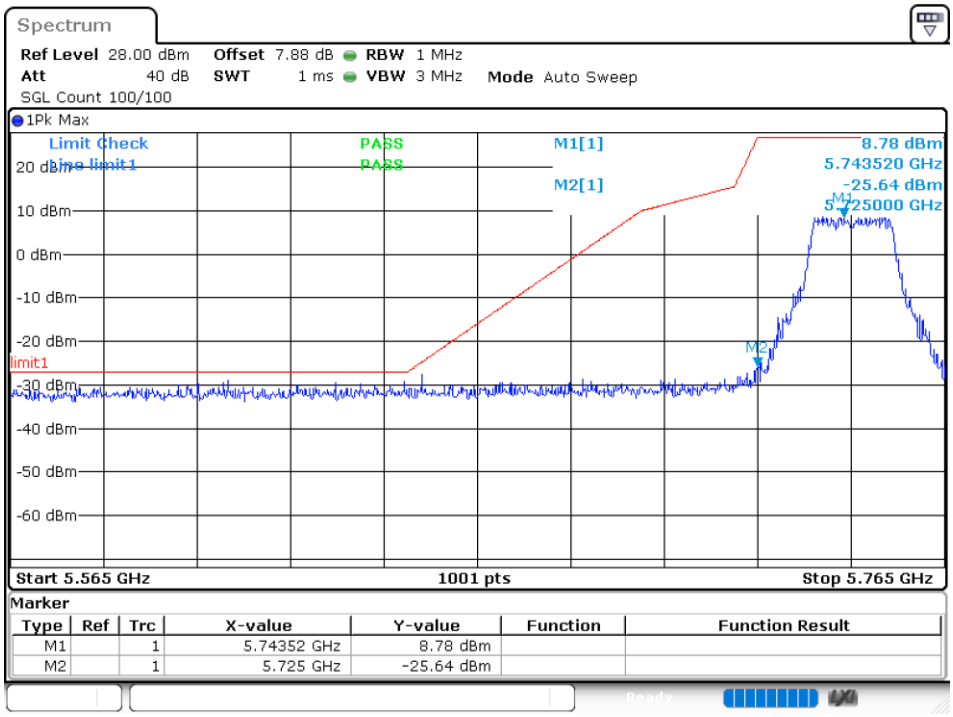
Band Edge NVNT a 5745MHz Low Ant1



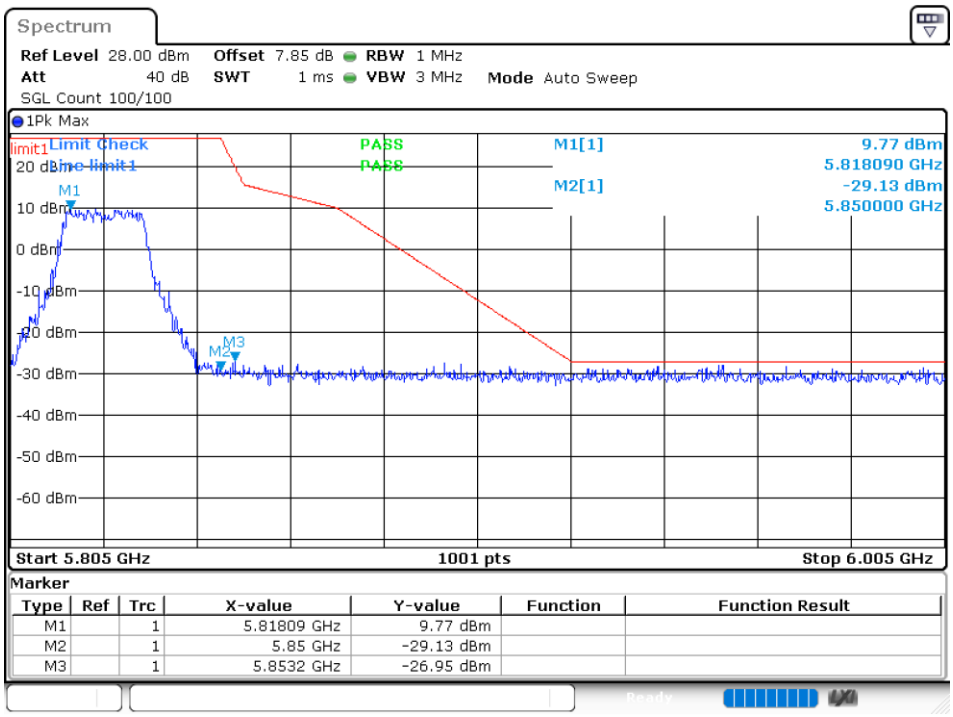
Band Edge NVNT a 5825MHz High Ant1



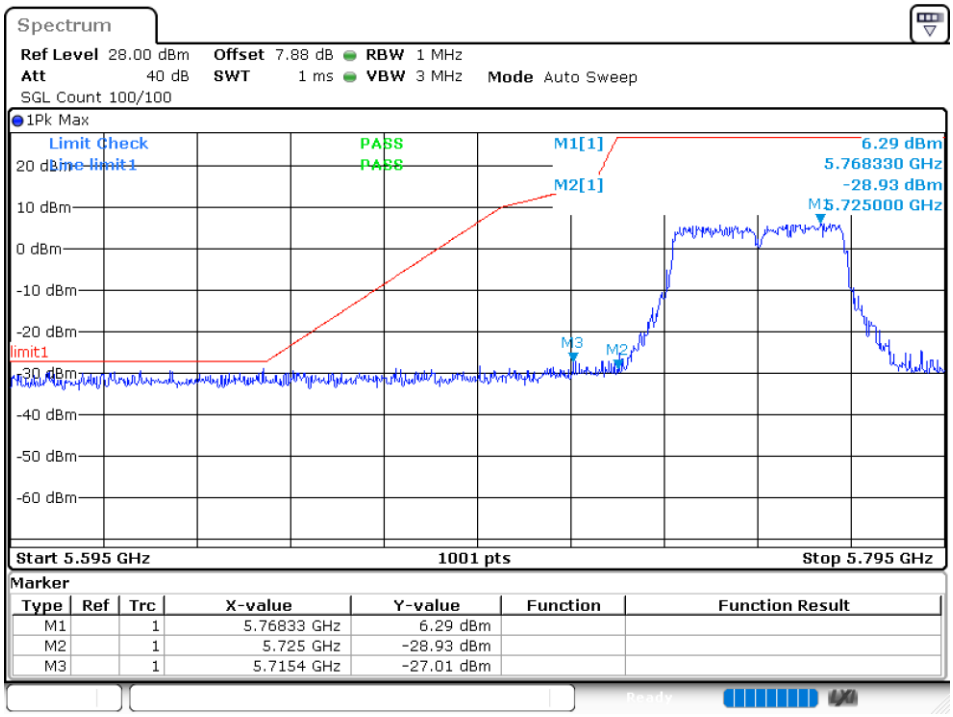
Band Edge NVNT n20 5745MHz Low Ant1



Band Edge NVNT n20 5825MHz High Ant1



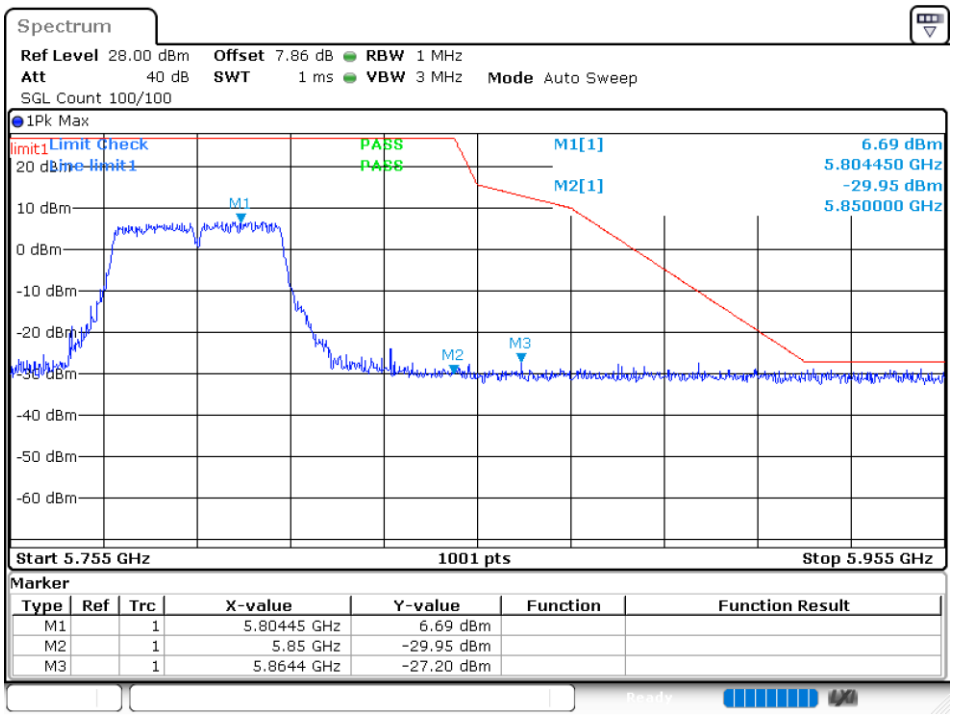
Band Edge NVNT n40 5755MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.76833 GHz	6.29 dBm		
M2		1	5.725 GHz	-28.93 dBm		
M3		1	5.7154 GHz	-27.01 dBm		

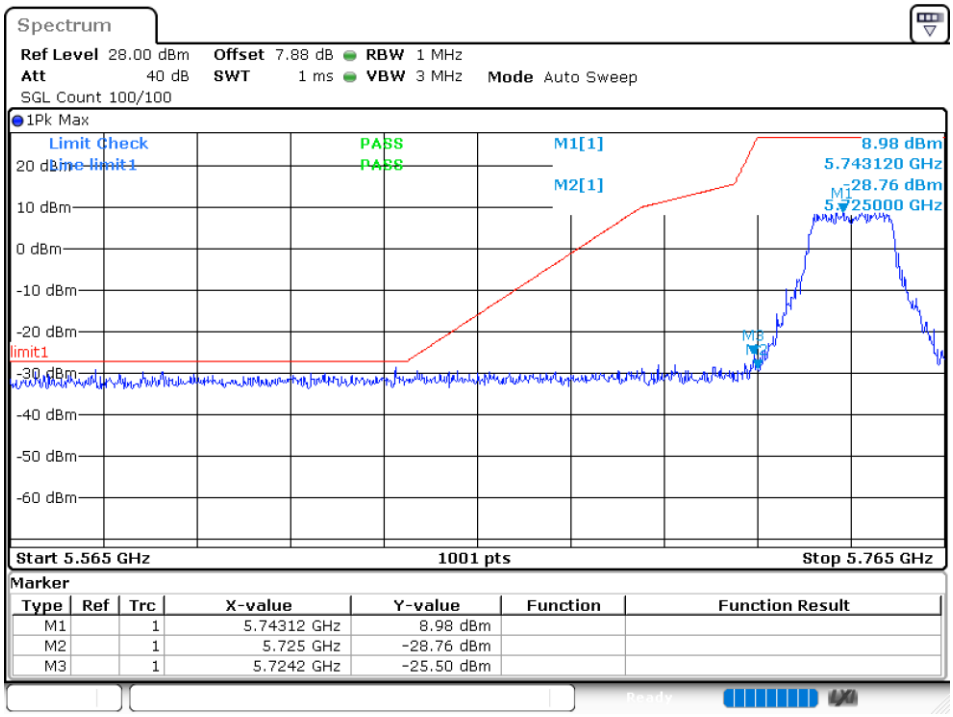
Band Edge NVNT n40 5795MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.80445 GHz	6.69 dBm		
M2		1	5.85 GHz	-29.95 dBm		
M3		1	5.8644 GHz	-27.20 dBm		

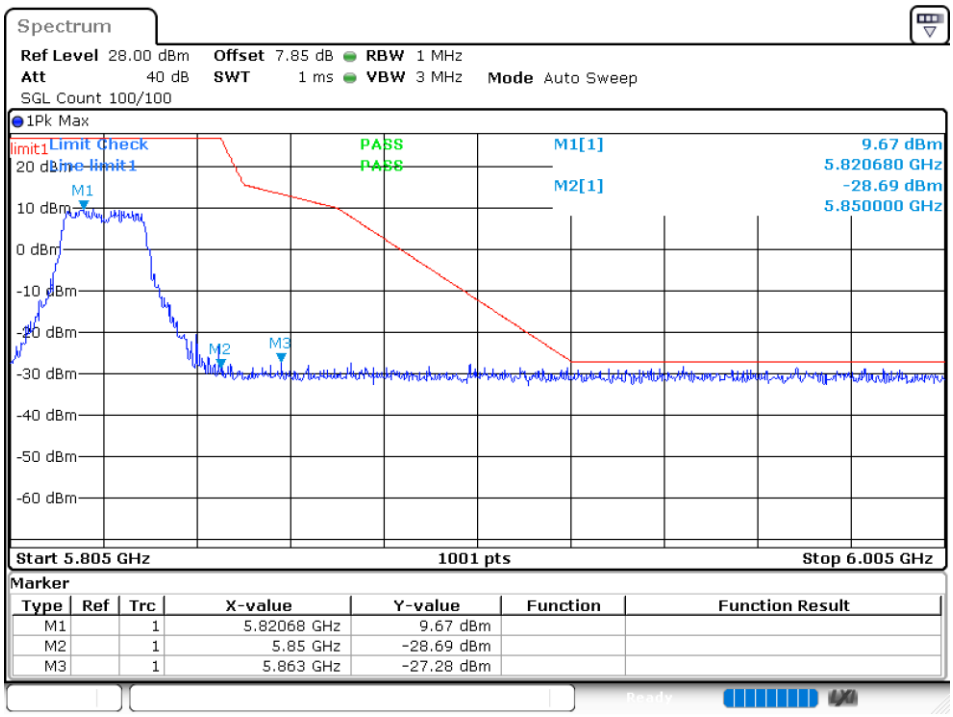
Band Edge NVNT ac20 5745MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.74312 GHz	8.98 dBm		
M2		1	5.725 GHz	-28.76 dBm		
M3		1	5.7242 GHz	-25.50 dBm		

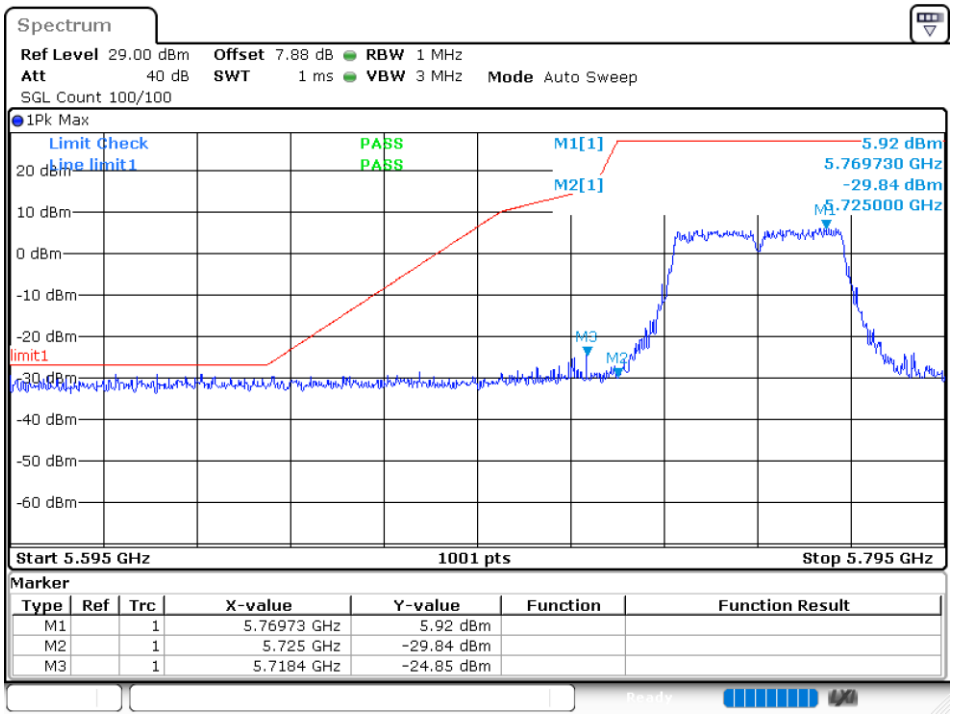
Band Edge NVNT ac20 5825MHz High Ant1



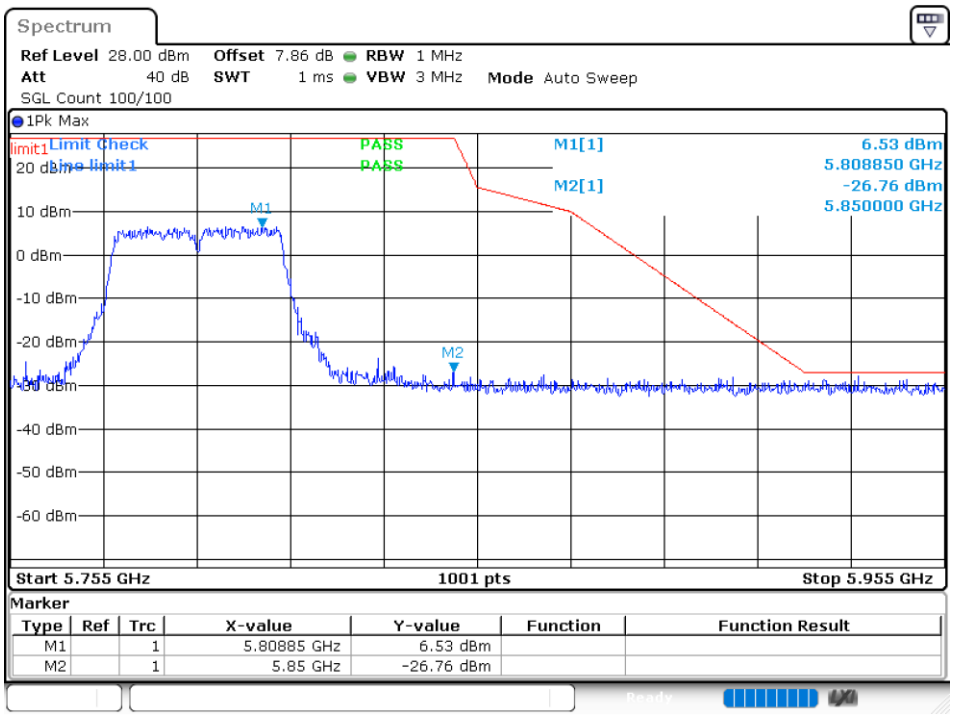
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.82068 GHz	9.67 dBm		
M2		1	5.85 GHz	-28.69 dBm		
M3		1	5.863 GHz	-27.28 dBm		

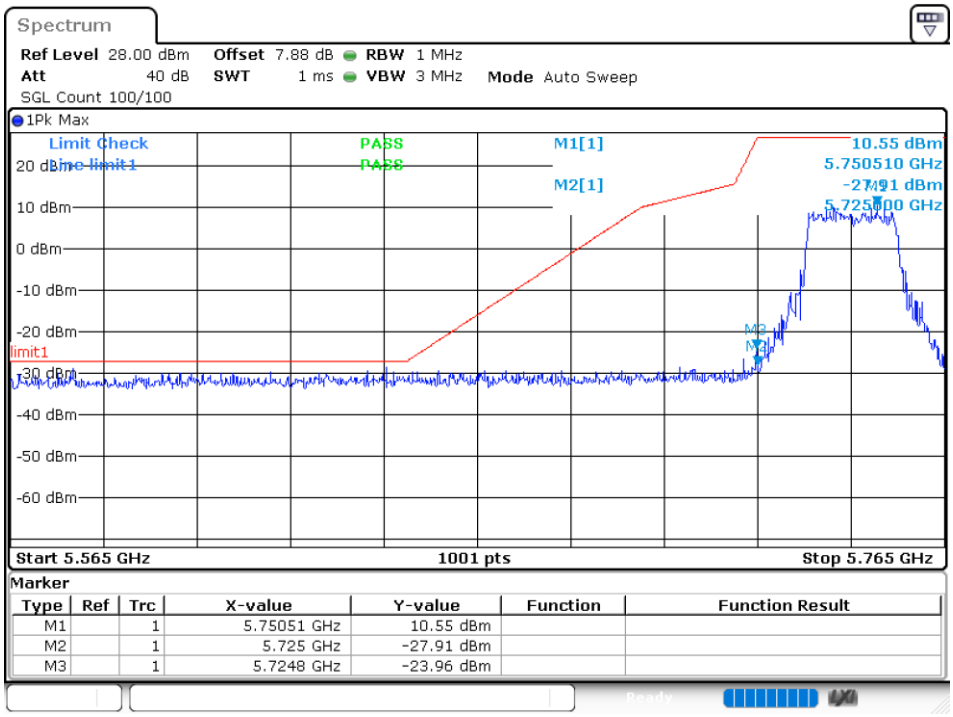
Band Edge NVNT ac40 5755MHz Low Ant1



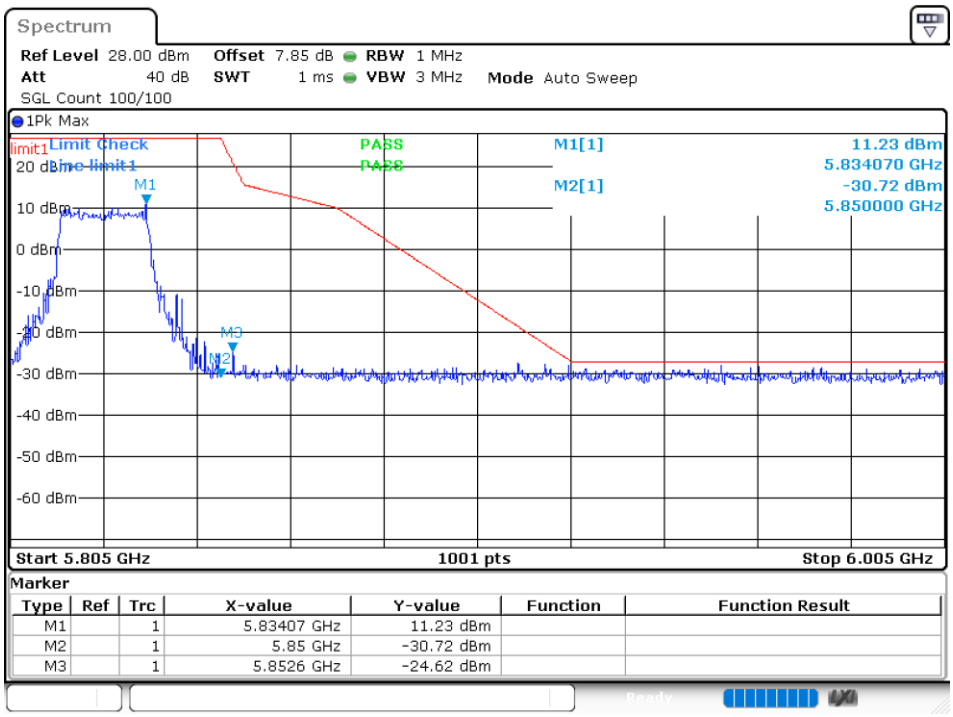
Band Edge NVNT ac40 5795MHz High Ant1



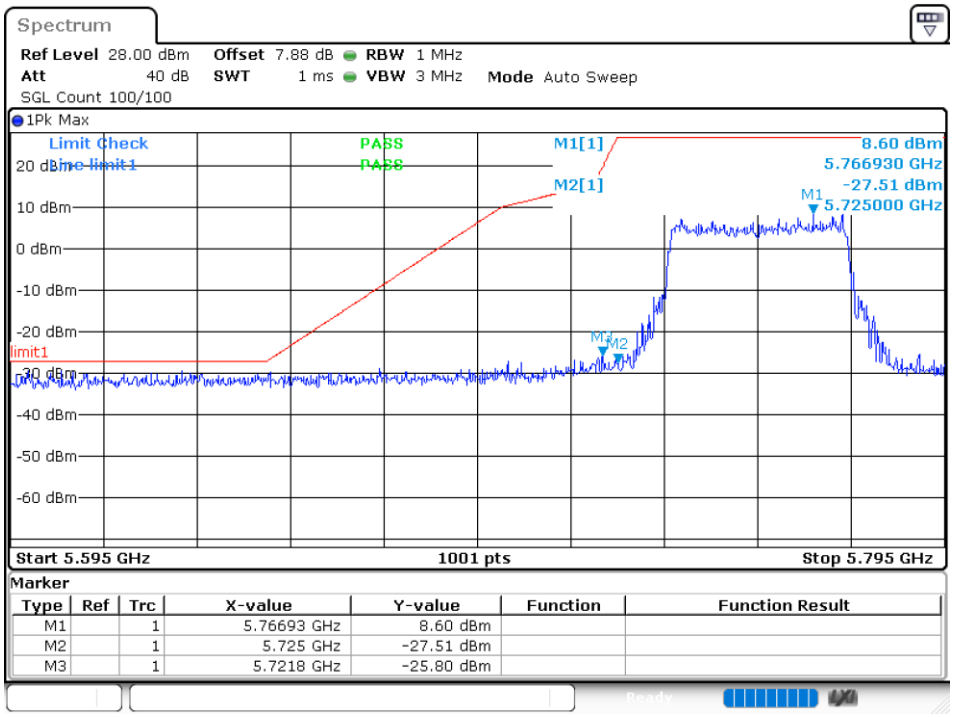
Band Edge NVNT ax20 5745MHz Low Ant1



Band Edge NVNT ax20 5825MHz High Ant1



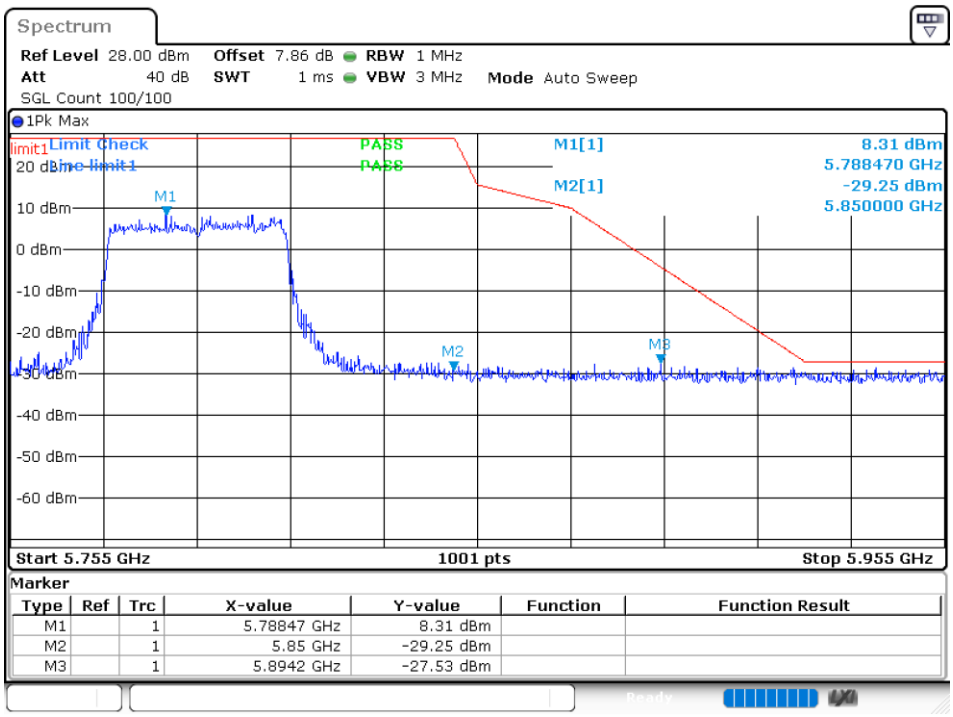
Band Edge NVNT ax40 5755MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.76693 GHz	8.60 dBm		
M2		1	5.725 GHz	-27.51 dBm		
M3		1	5.7218 GHz	-25.80 dBm		

Band Edge NVNT ax40 5795MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.78847 GHz	8.31 dBm		
M2		1	5.85 GHz	-29.25 dBm		
M3		1	5.8942 GHz	-27.53 dBm		

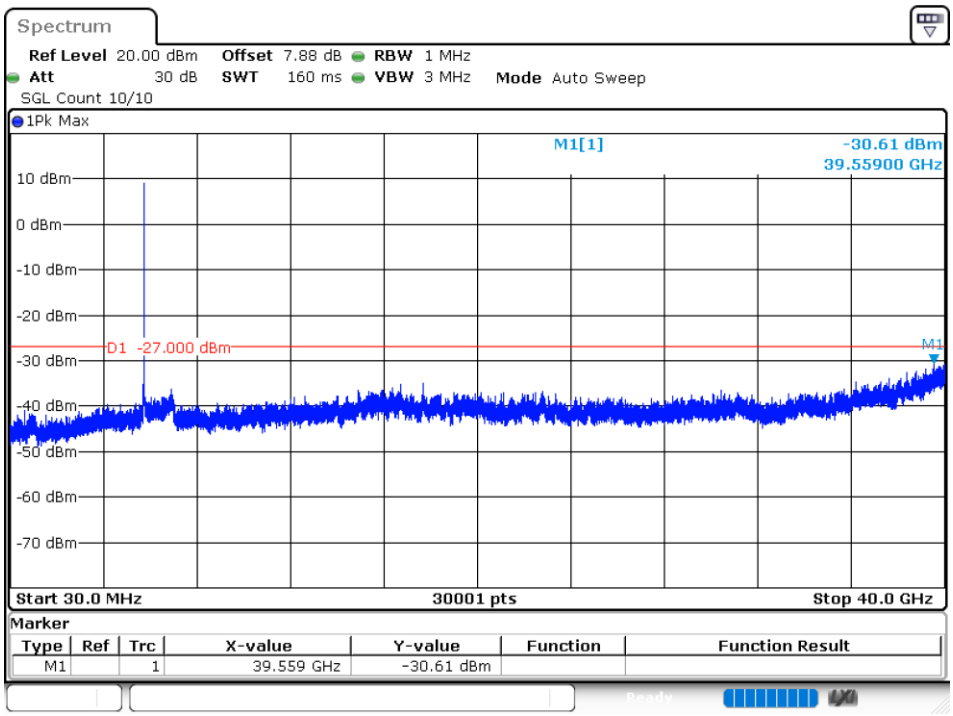
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-30.61	-27	Pass
NVNT	a	5785	Ant1	-30.75	-27	Pass
NVNT	a	5825	Ant1	-31.48	-27	Pass
NVNT	n20	5745	Ant1	-30.99	-27	Pass
NVNT	n20	5785	Ant1	-30.72	-27	Pass
NVNT	n20	5825	Ant1	-30.88	-27	Pass
NVNT	n40	5755	Ant1	-31.19	-27	Pass
NVNT	n40	5795	Ant1	-30.67	-27	Pass
NVNT	ac20	5745	Ant1	-30.64	-27	Pass
NVNT	ac20	5785	Ant1	-31.01	-27	Pass
NVNT	ac20	5825	Ant1	-30.85	-27	Pass
NVNT	ac40	5755	Ant1	-30.24	-27	Pass
NVNT	ac40	5795	Ant1	-30.99	-27	Pass
NVNT	ax20	5745	Ant1	-39.02	-27	Pass
NVNT	ax20	5785	Ant1	-30.63	-27	Pass
NVNT	ax20	5825	Ant1	-38.95	-27	Pass
NVNT	ax40	5755	Ant1	-31.02	-27	Pass
NVNT	ax40	5795	Ant1	-30.02	-27	Pass

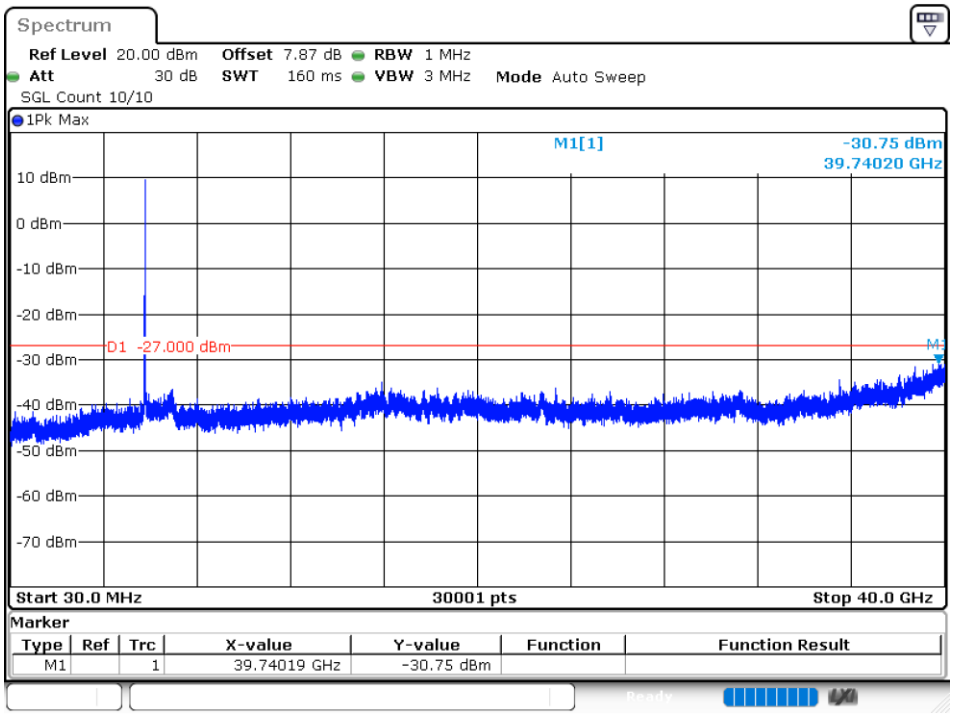
Note: Tested with increased antenna gain.

Test Graphs

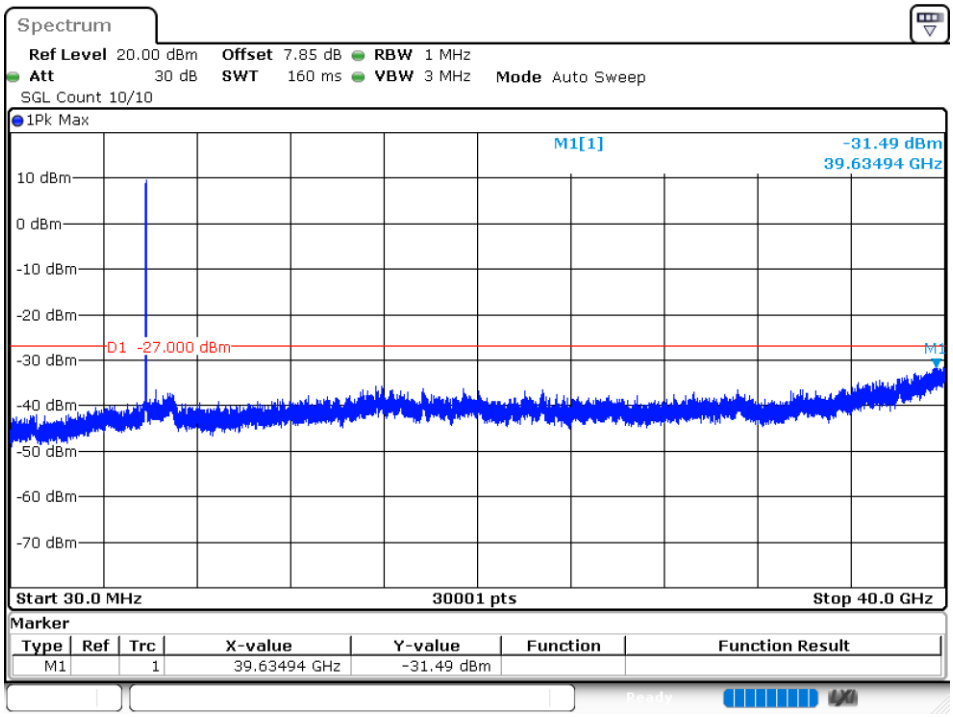
Tx. Spurious NVNT a 5745MHz Ant1 Emission



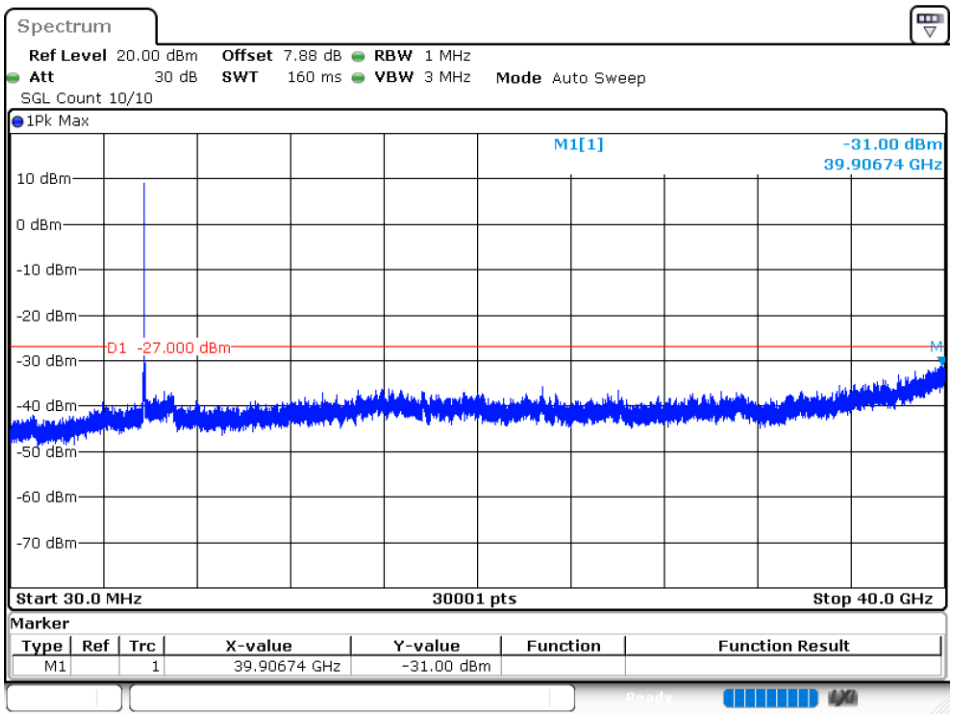
Tx. Spurious NVNT a 5785MHz Ant1 Emission



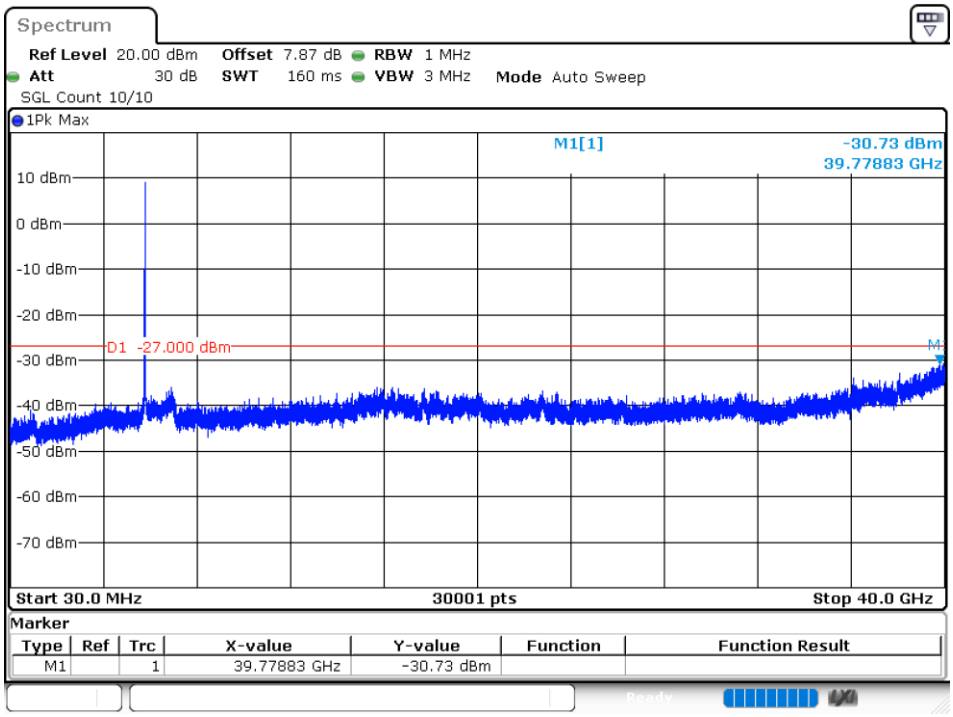
Tx. Spurious NVNT a 5825MHz Ant1 Emission



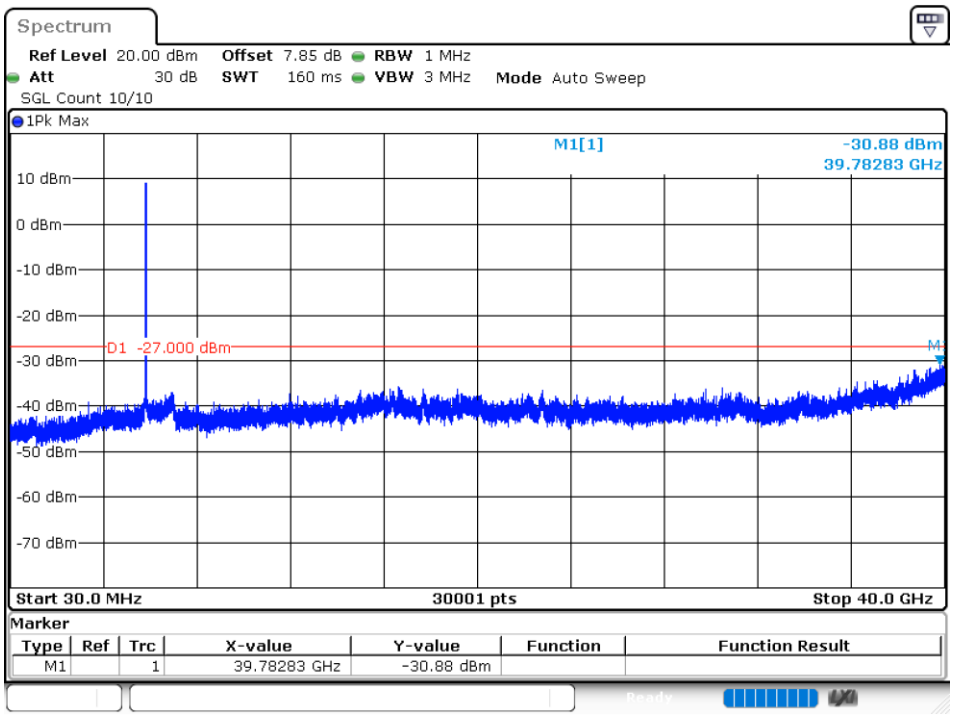
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



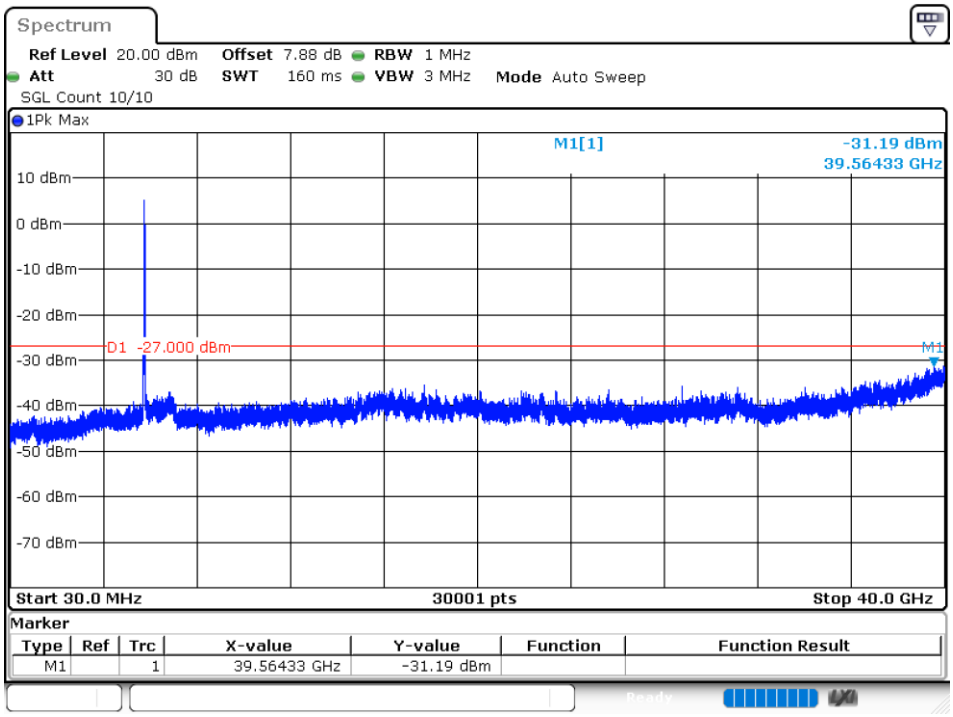
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



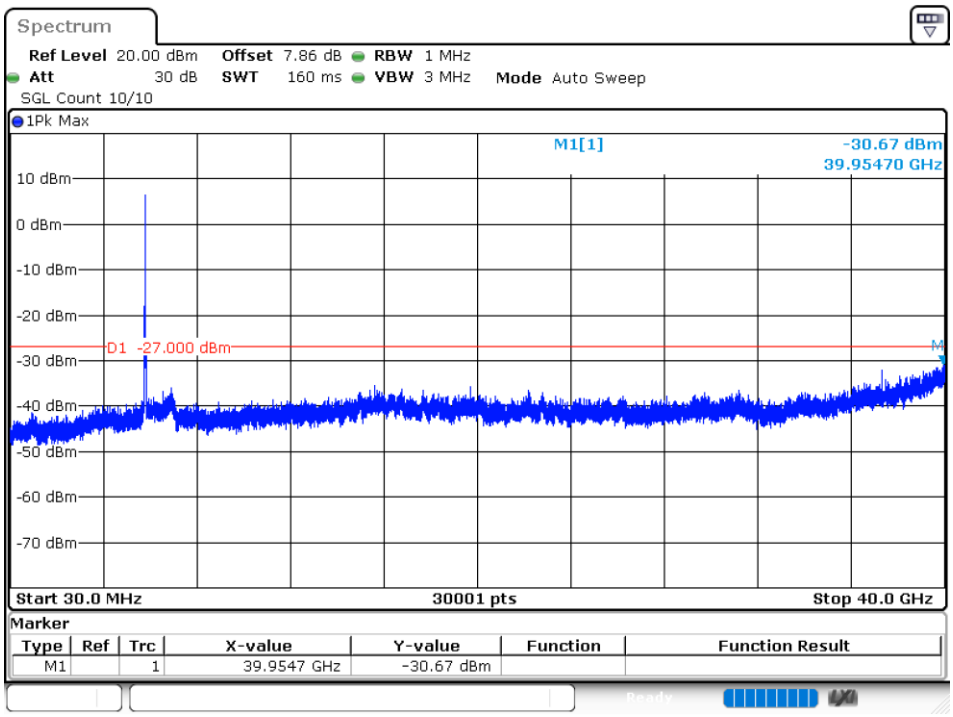
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



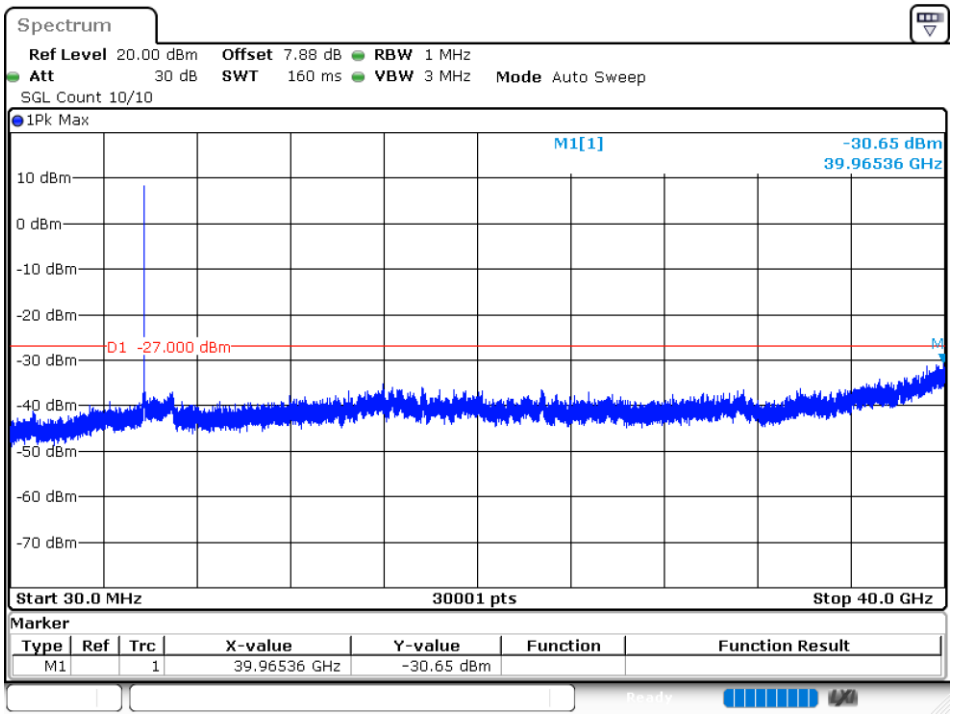
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



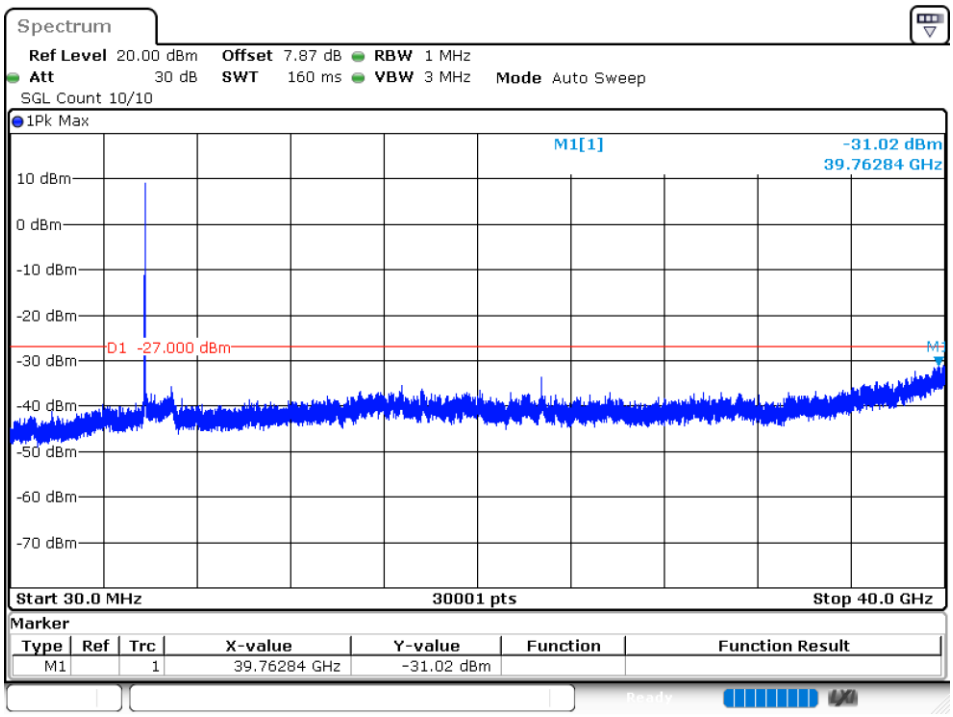
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



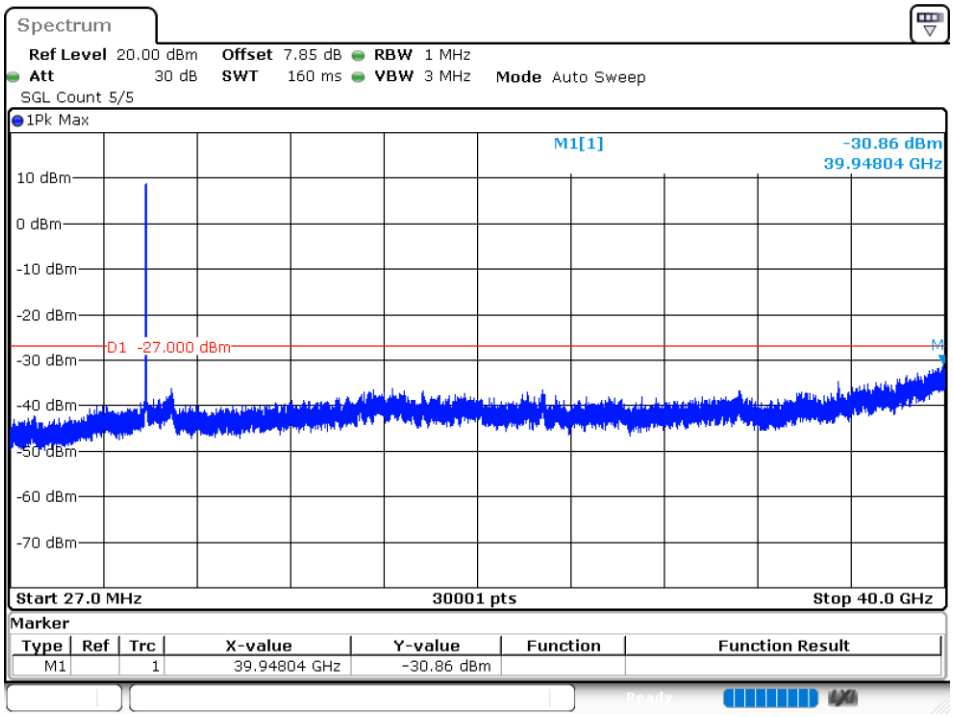
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



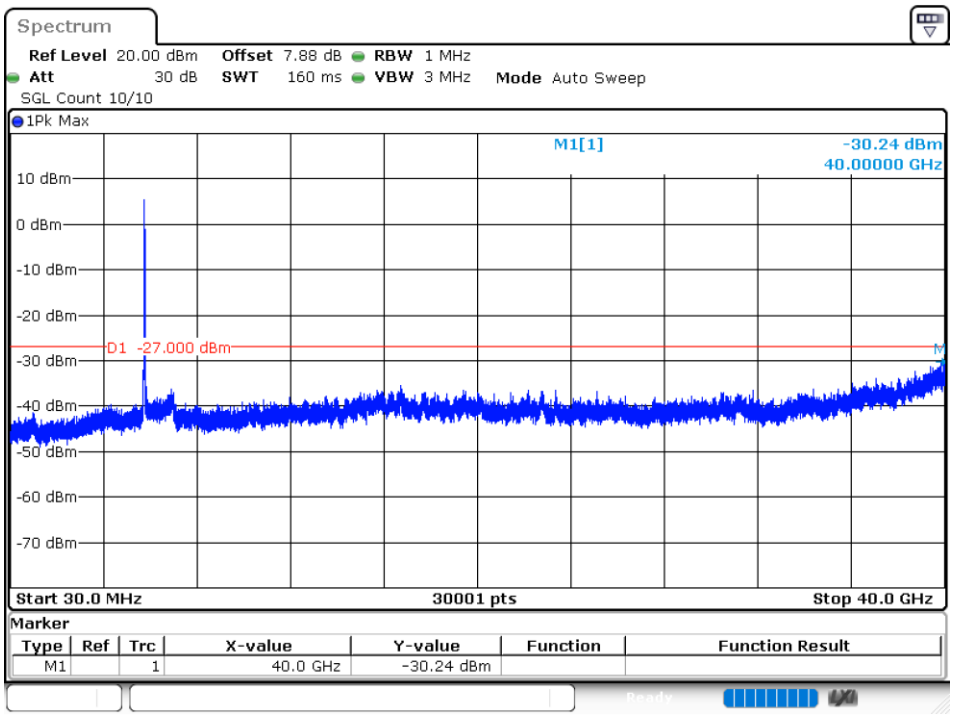
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



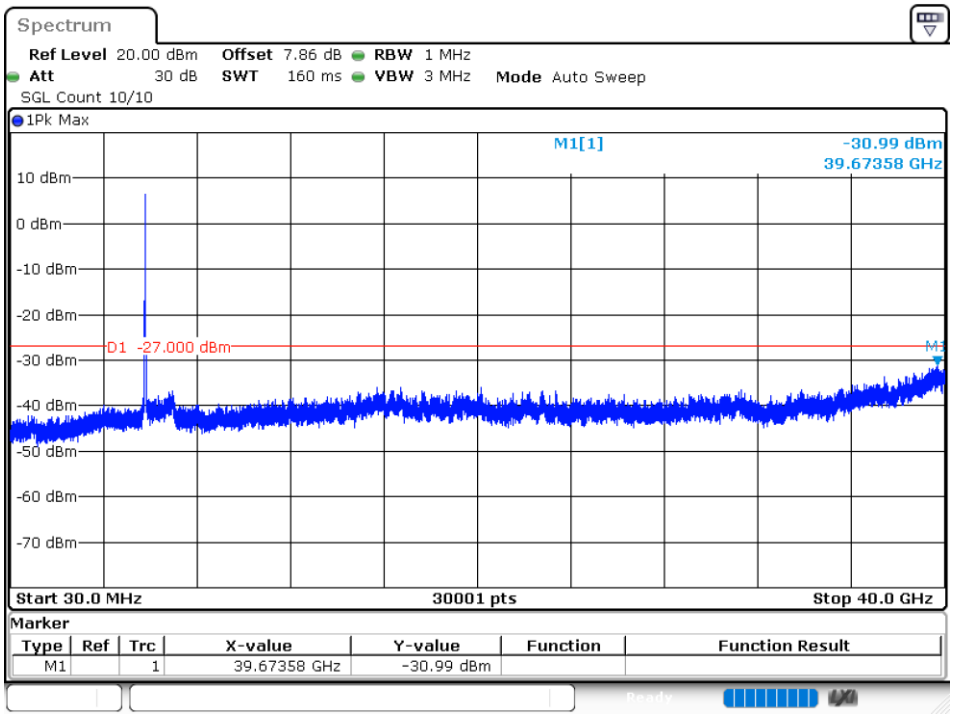
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



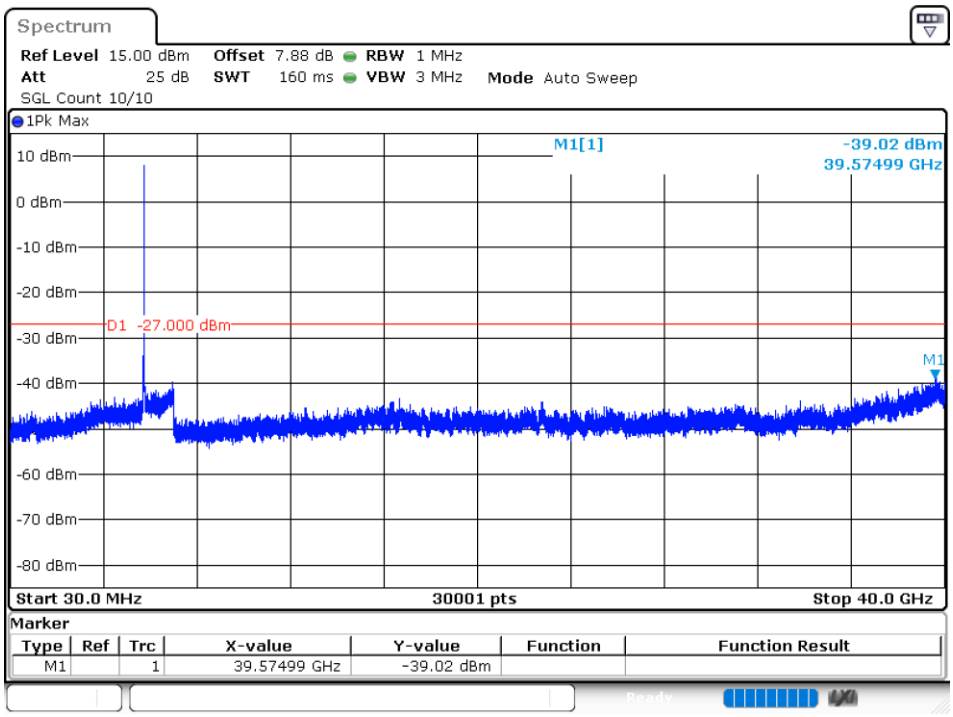
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



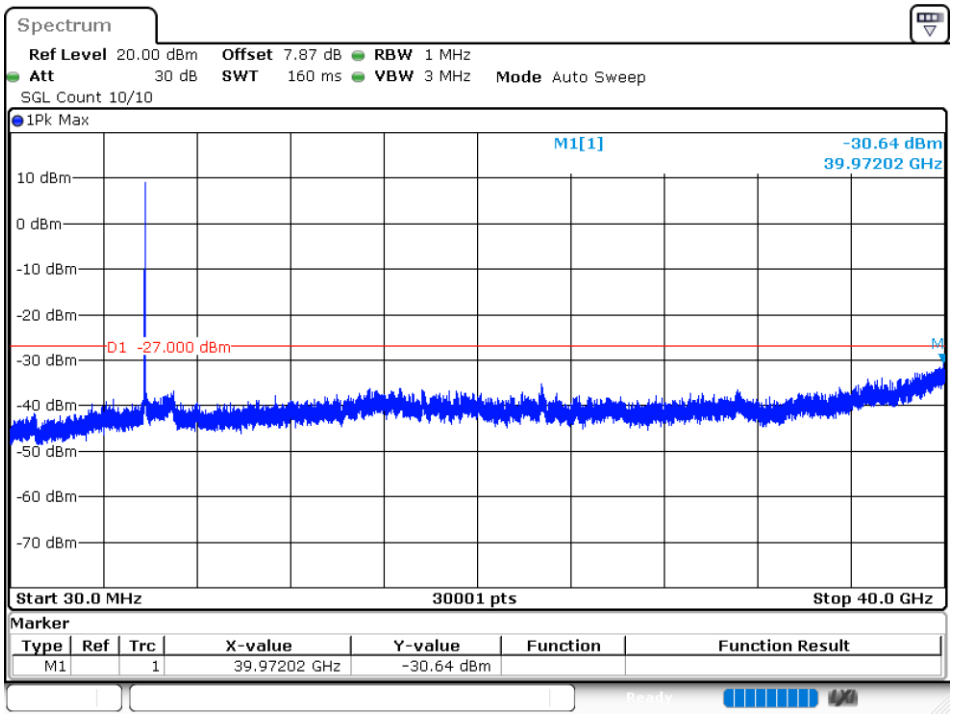
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



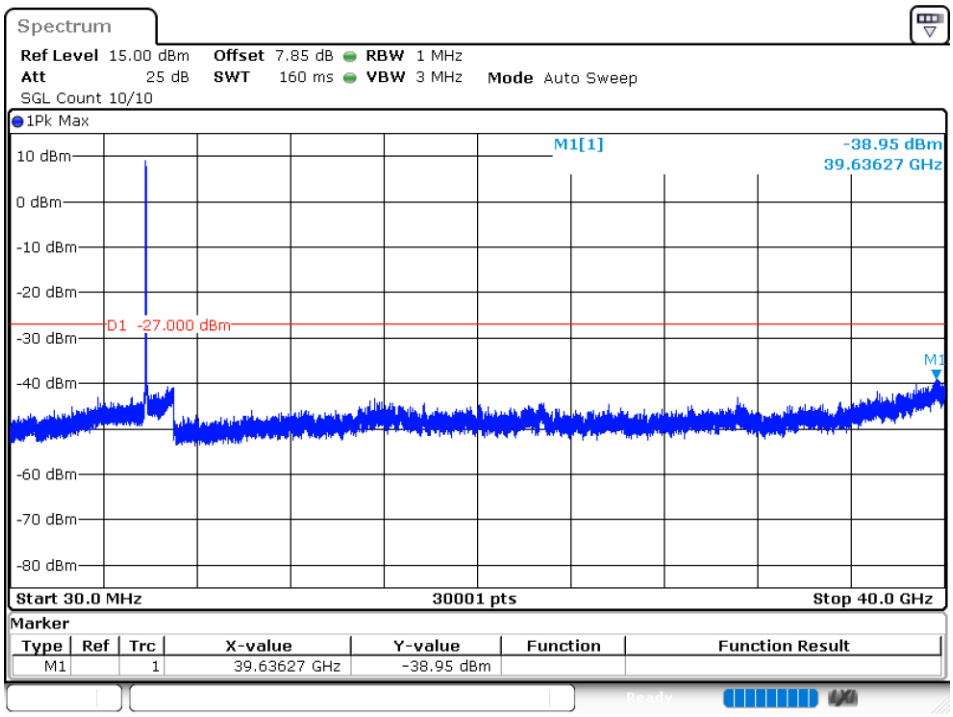
Tx. Spurious NVNT ax20 5745MHz Ant1 Emission



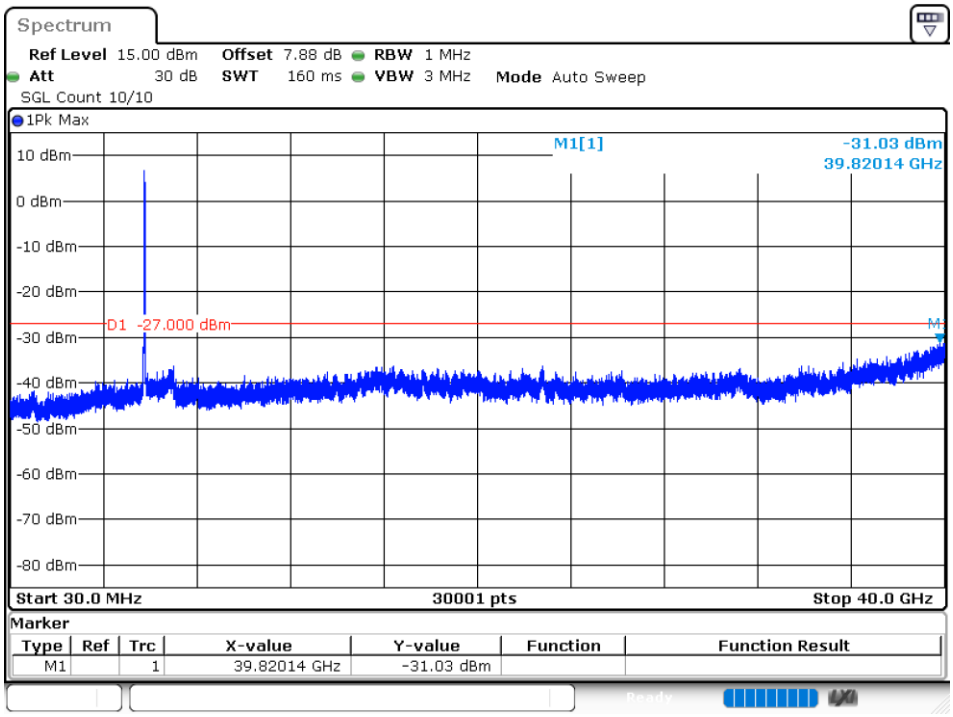
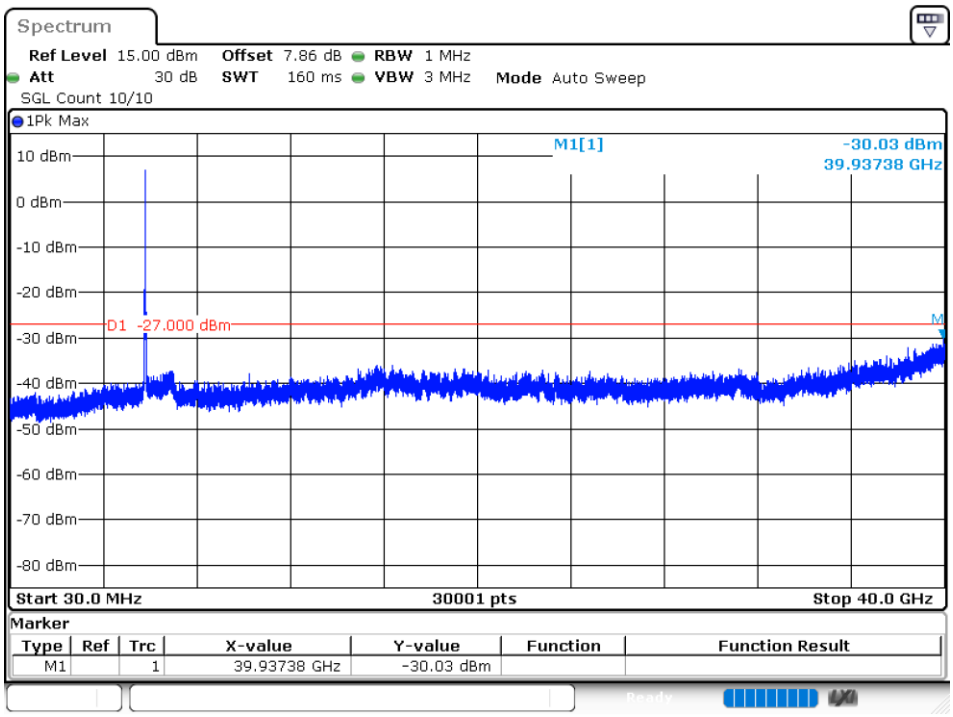
Tx. Spurious NVNT ax20 5785MHz Ant1 Emission



Tx. Spurious NVNT ax20 5825MHz Ant1 Emission



Tx. Spurious NVNT ax40 5755MHz Ant1 Emission



Tx. Spurious NVNT ax40 5795MHz Ant1 Emission