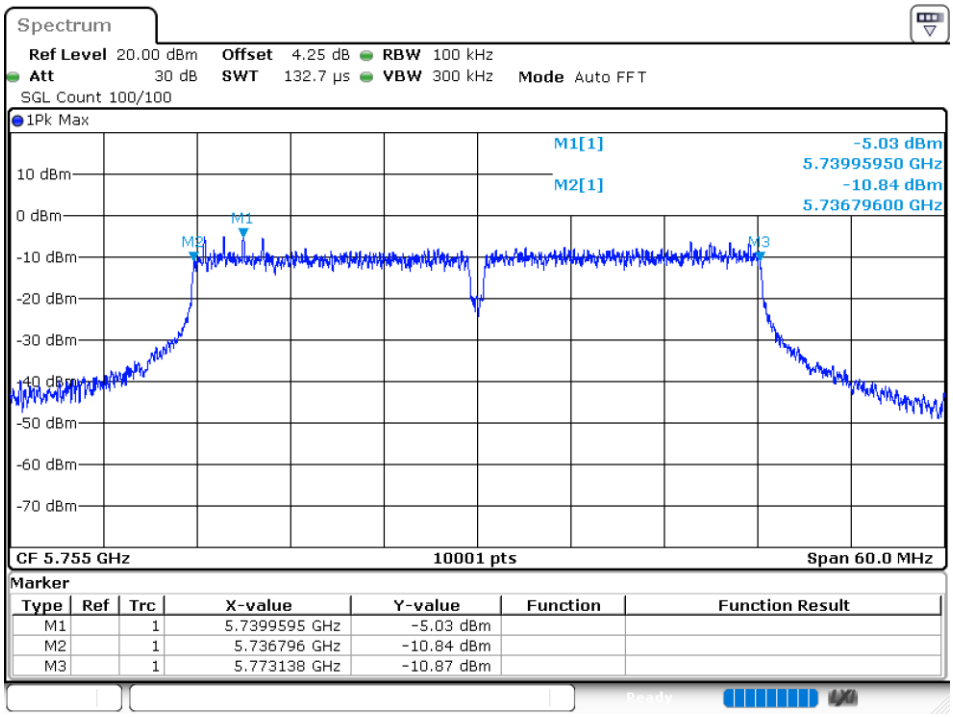
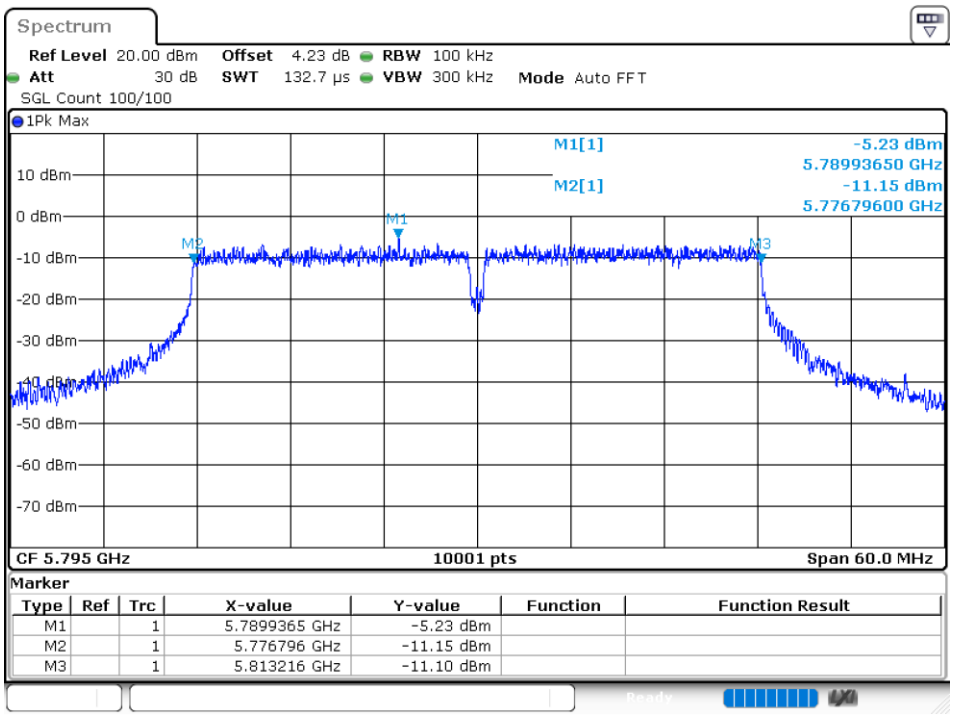
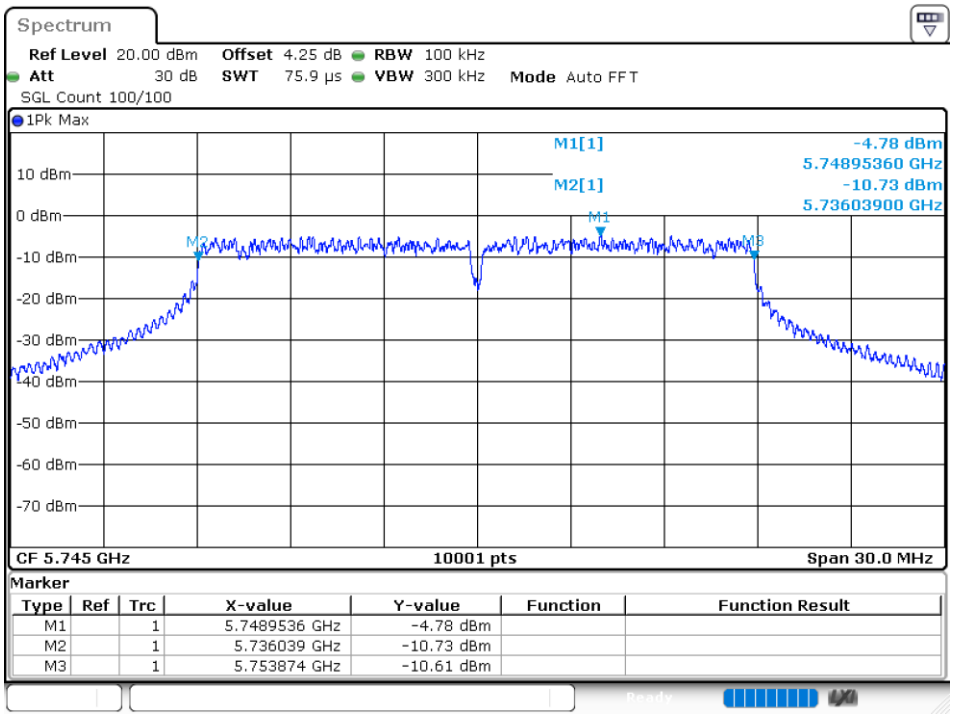
-6dB Bandwidth NVNT n40 5755MHz Ant1



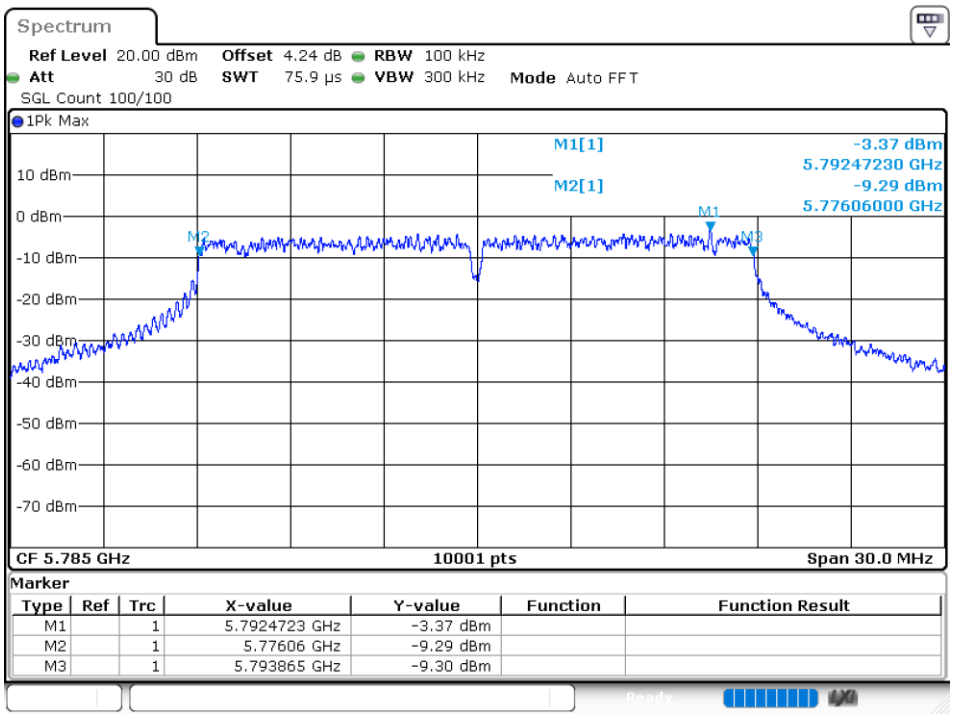
-6dB Bandwidth NVNT n40 5795MHz Ant1



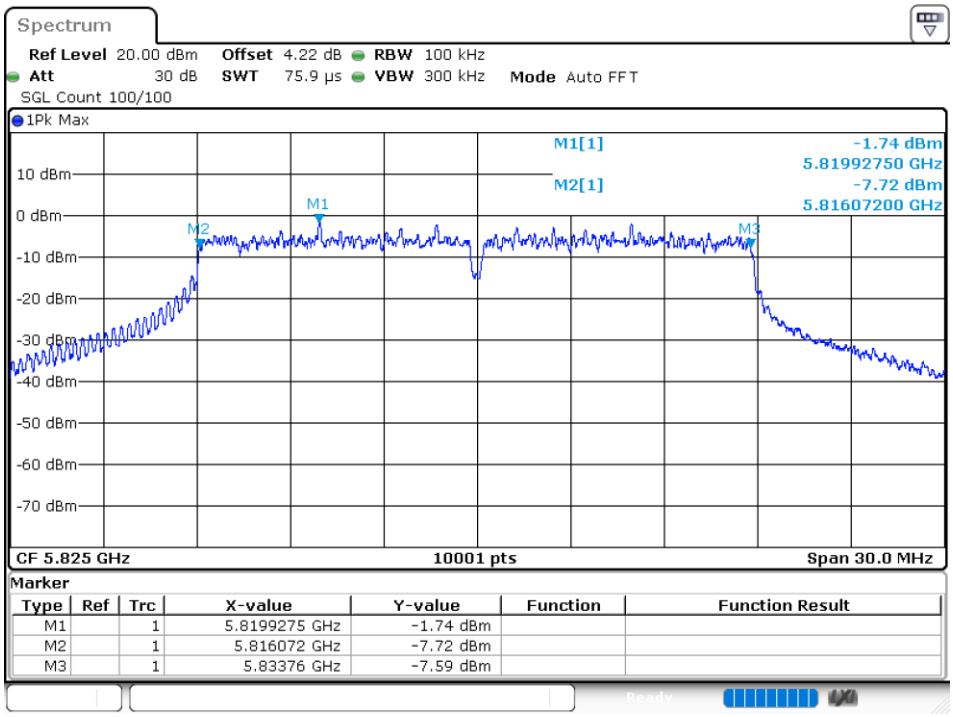
-6dB Bandwidth NVNT ac20 5745MHz Ant1



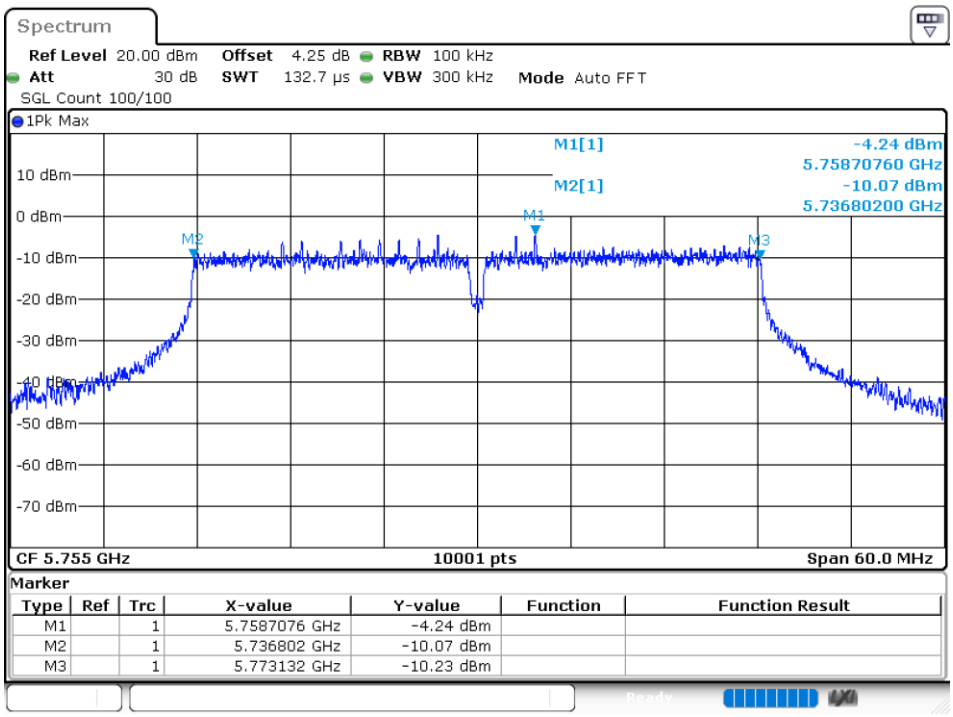
-6dB Bandwidth NVNT ac20 5785MHz Ant1



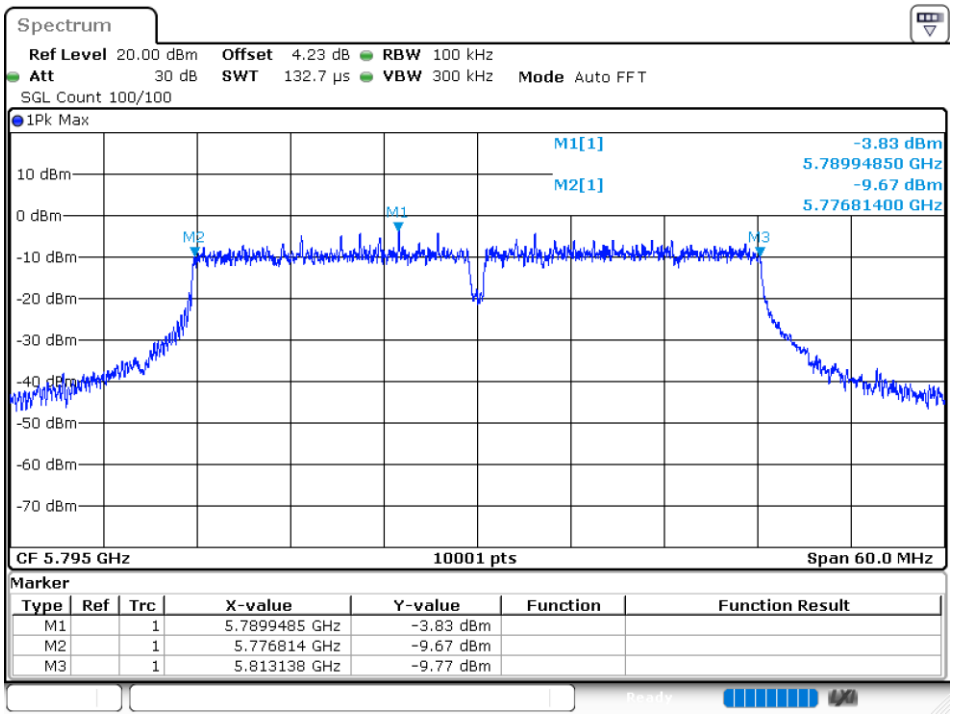
-6dB Bandwidth NVNT ac20 5825MHz Ant1



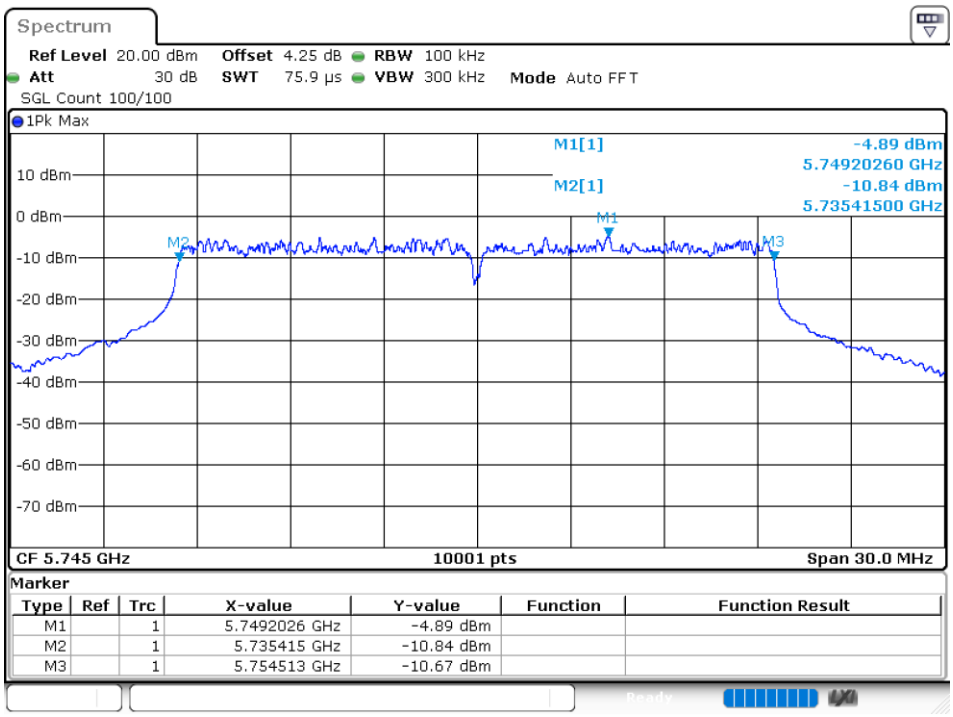
-6dB Bandwidth NVNT ac40 5755MHz Ant1



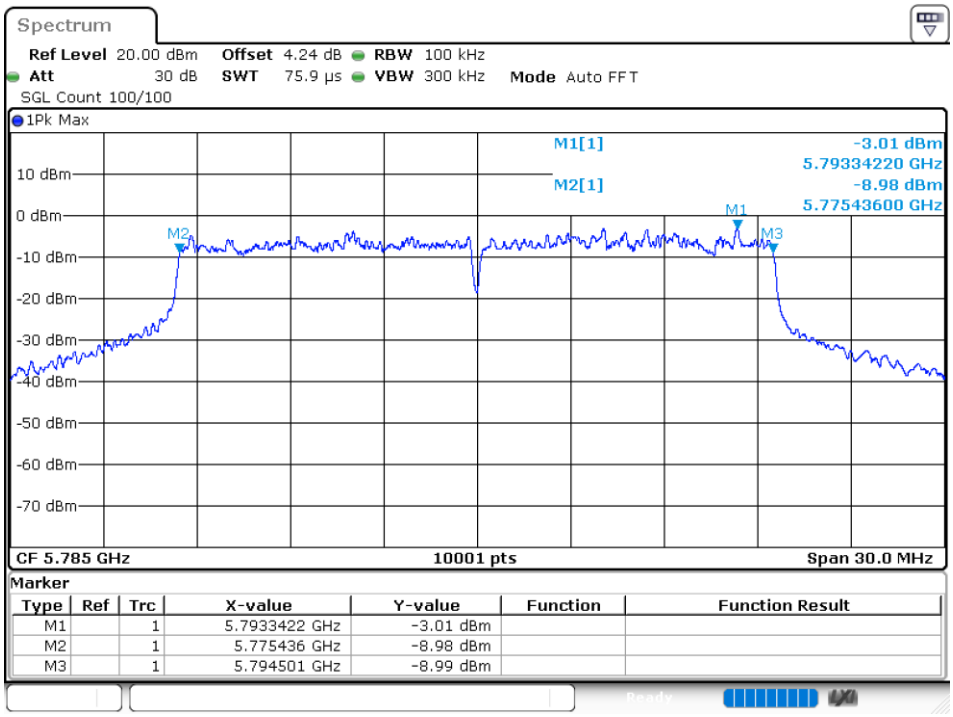
-6dB Bandwidth NVNT ac40 5795MHz Ant1



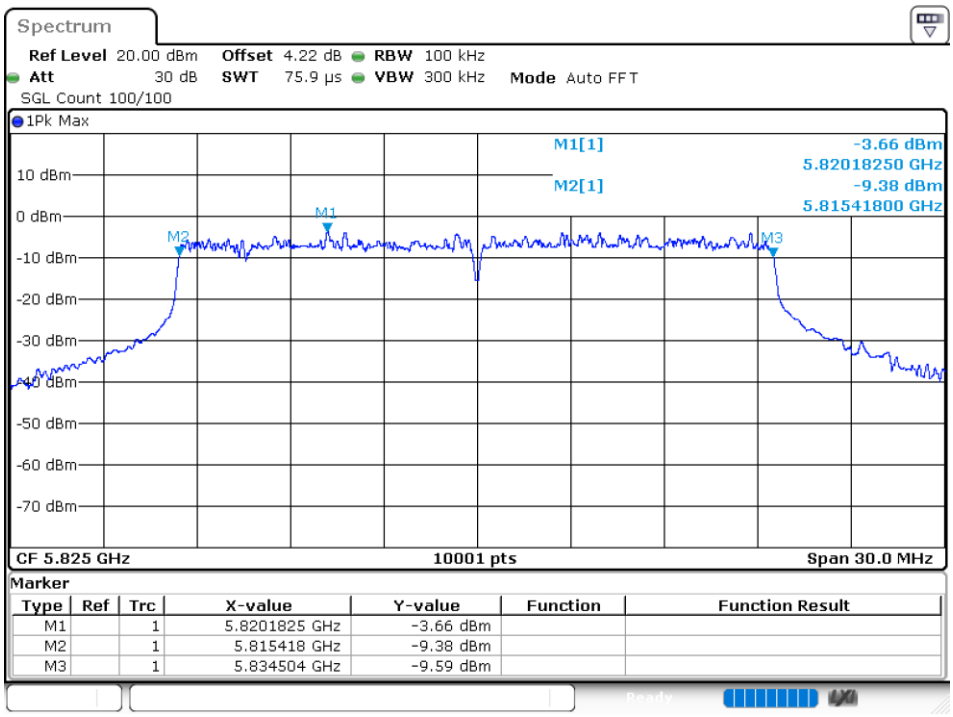
-6dB Bandwidth NVNT ax20 5745MHz Ant1



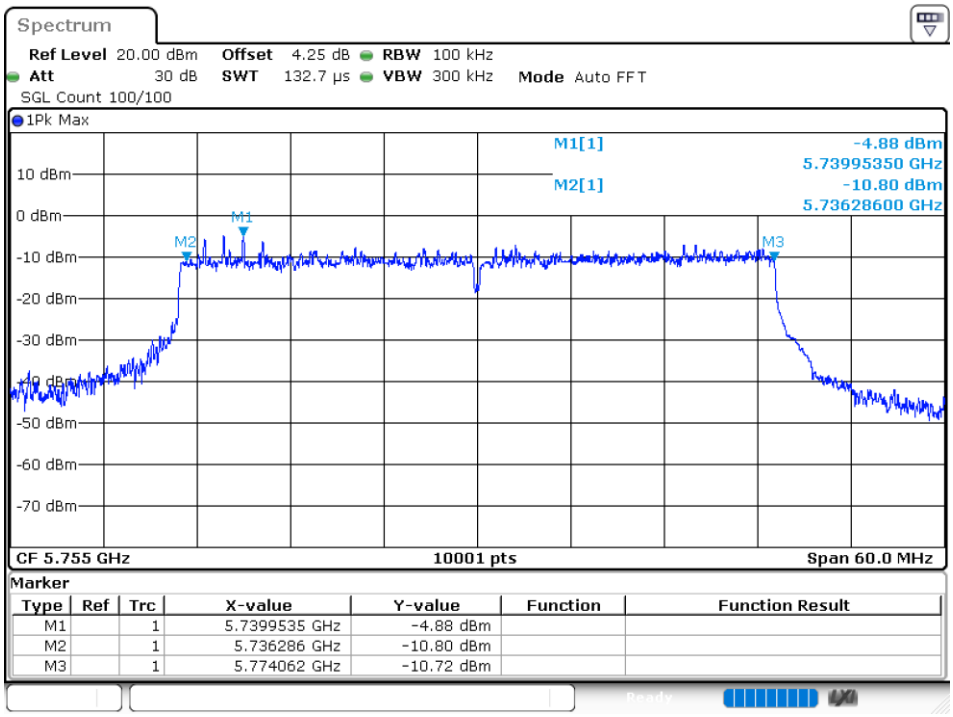
-6dB Bandwidth NVNT ax20 5785MHz Ant1



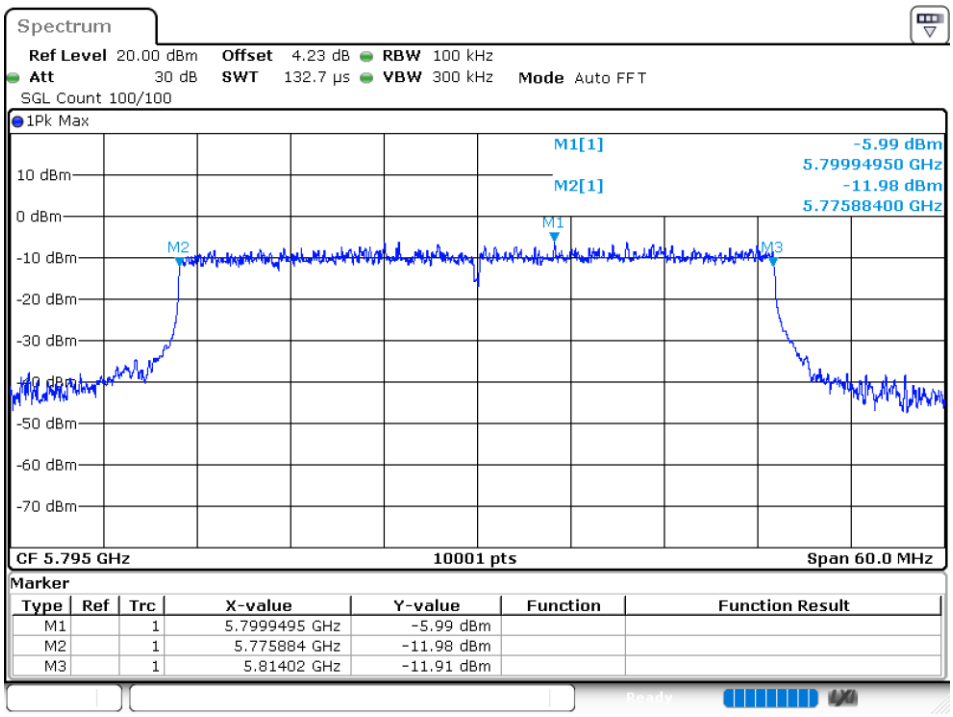
-6dB Bandwidth NVNT ax20 5825MHz Ant1



-6dB Bandwidth NVNT ax40 5755MHz Ant1



-6dB Bandwidth NVNT ax40 5795MHz Ant1

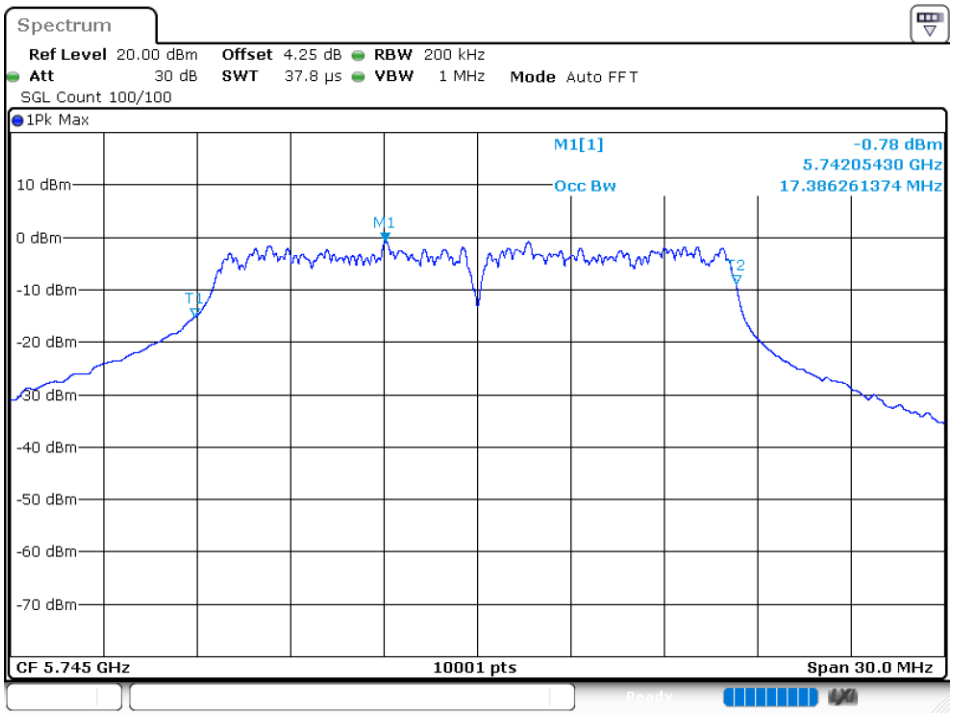


Occupied Channel Bandwidth

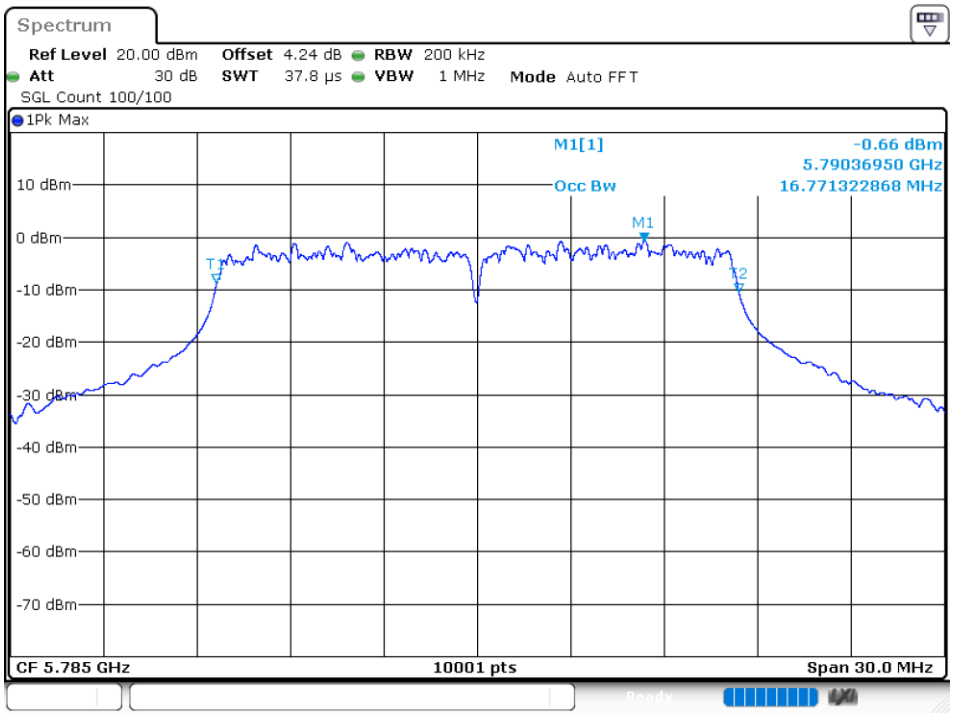
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	17.386
NVNT	a	5785	Ant1	16.771
NVNT	a	5825	Ant1	16.741
NVNT	n20	5745	Ant1	18.109
NVNT	n20	5785	Ant1	17.887
NVNT	n20	5825	Ant1	17.908
NVNT	n40	5755	Ant1	36.794
NVNT	n40	5795	Ant1	36.698
NVNT	ac20	5745	Ant1	17.959
NVNT	ac20	5785	Ant1	17.845
NVNT	ac20	5825	Ant1	17.704
NVNT	ac40	5755	Ant1	36.938
NVNT	ac40	5795	Ant1	36.74
NVNT	ax20	5745	Ant1	19.411
NVNT	ax20	5785	Ant1	19.009
NVNT	ax20	5825	Ant1	19.159
NVNT	ax40	5755	Ant1	38.06
NVNT	ax40	5795	Ant1	38.006

Test Graphs

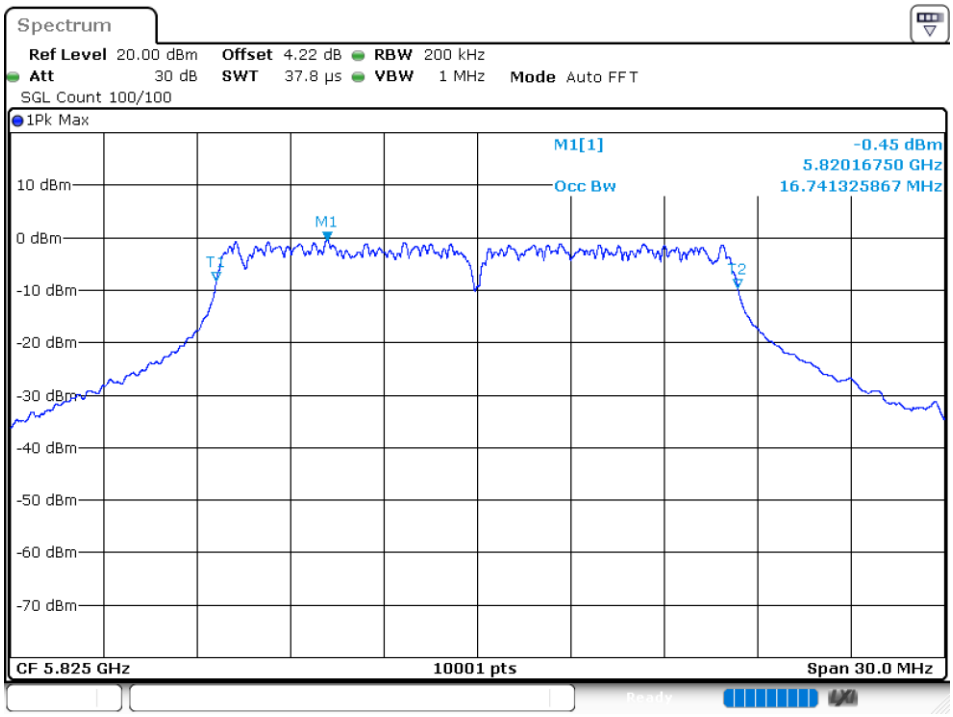
OBW NVNT a 5745MHz Ant1



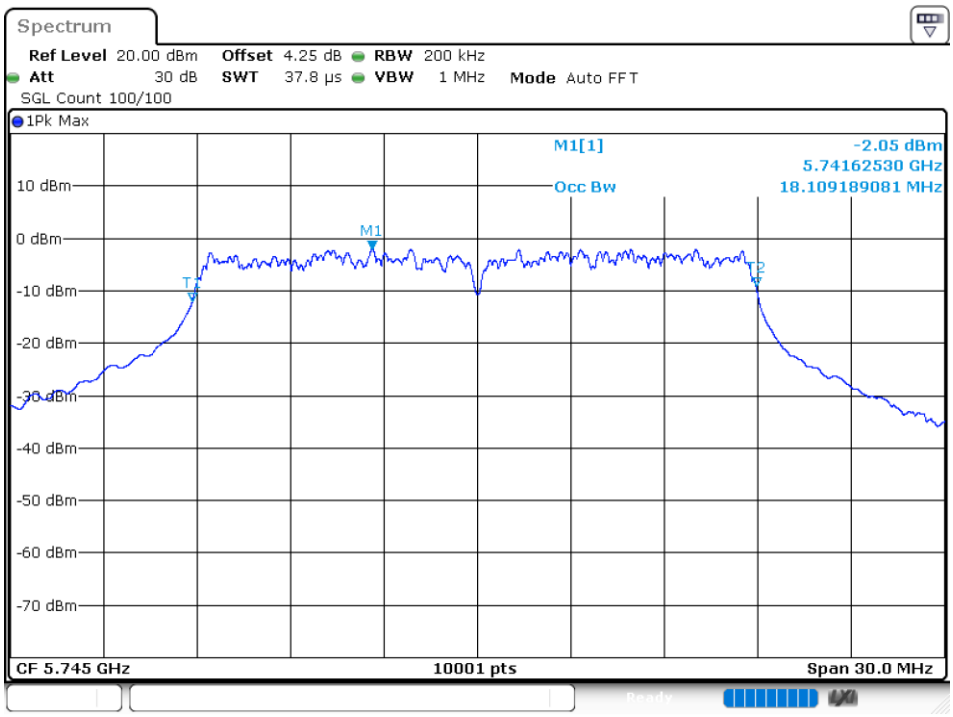
OBW NVNT a 5785MHz Ant1



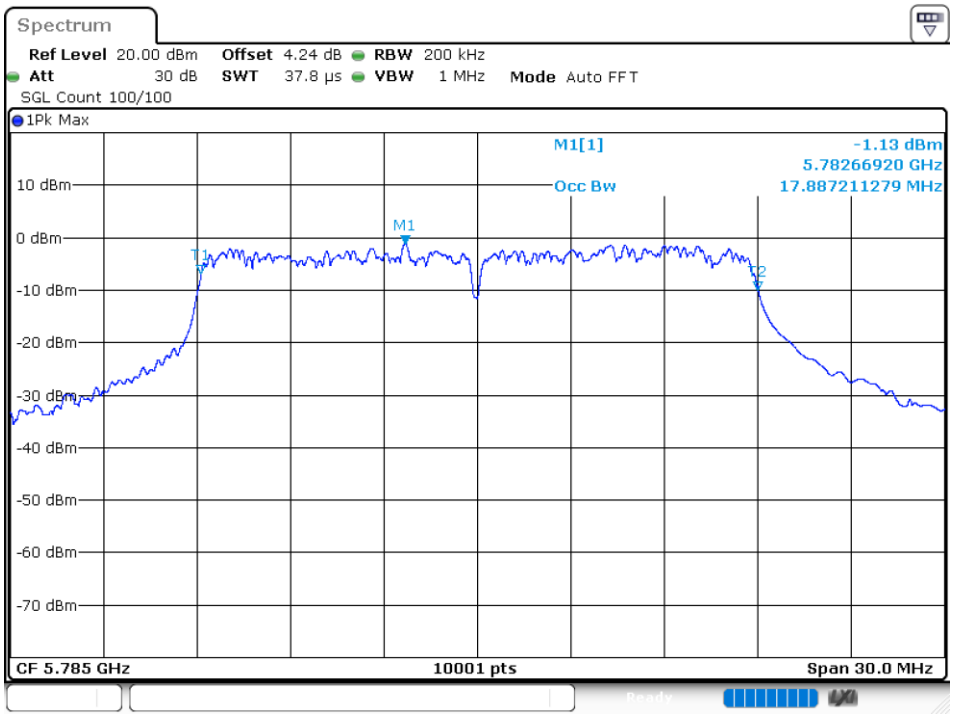
OBW NVNT a 5825MHz Ant1



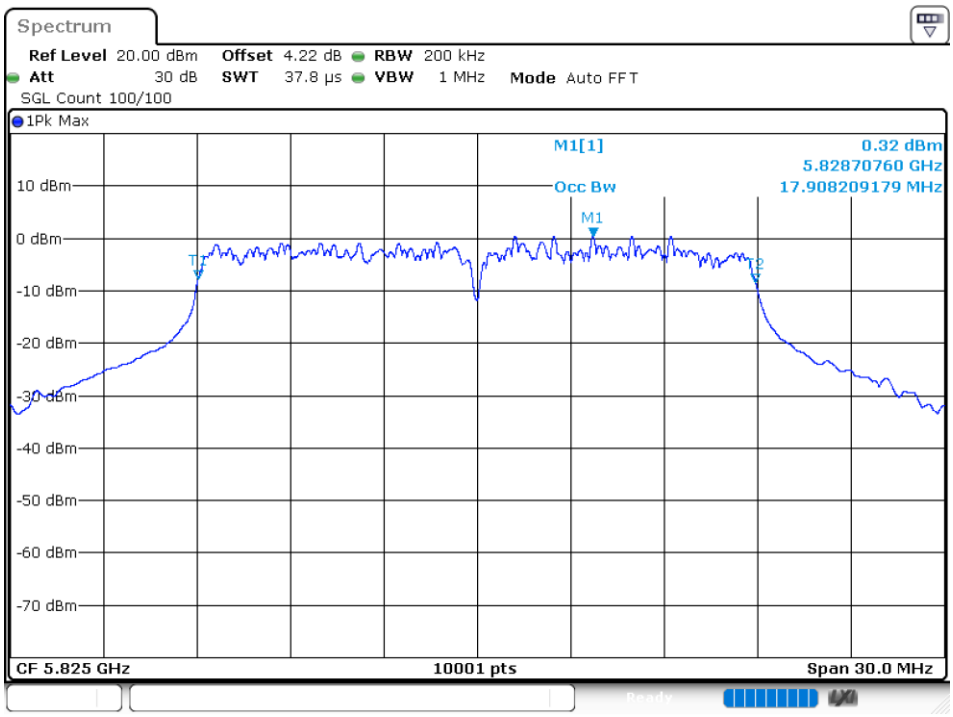
OBW NVNT n20 5745MHz Ant1



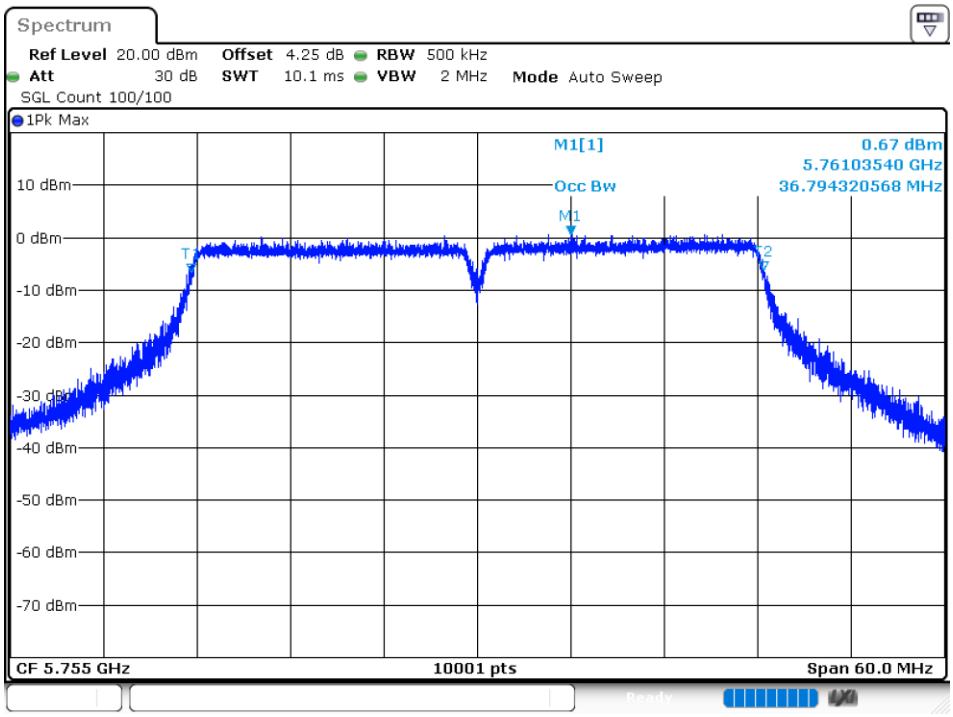
OBW NVNT n20 5785MHz Ant1



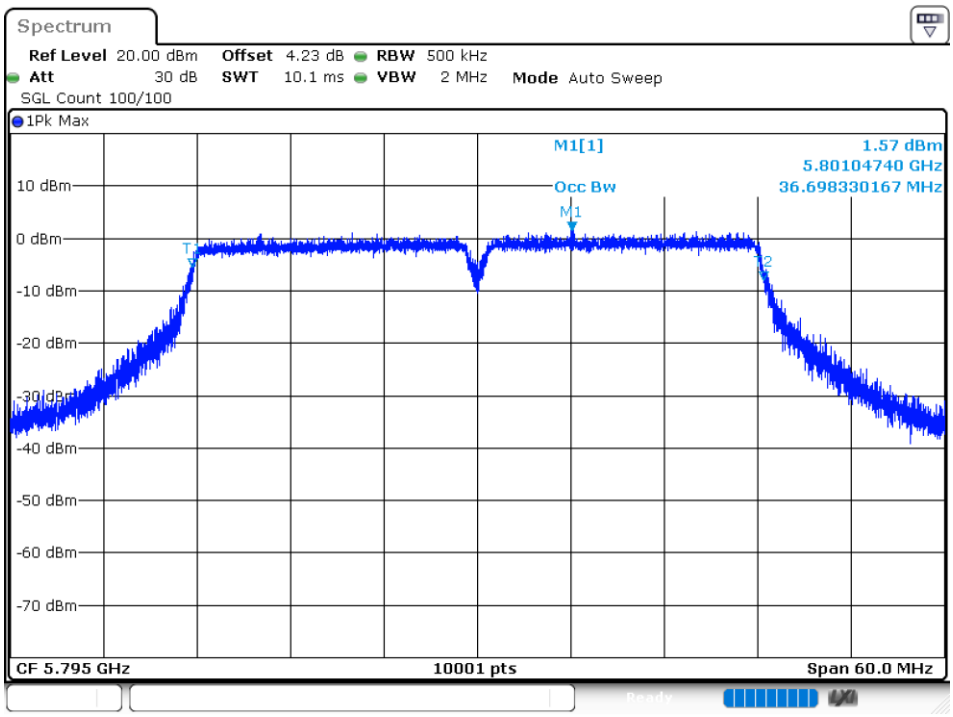
OBW NVNT n20 5825MHz Ant1



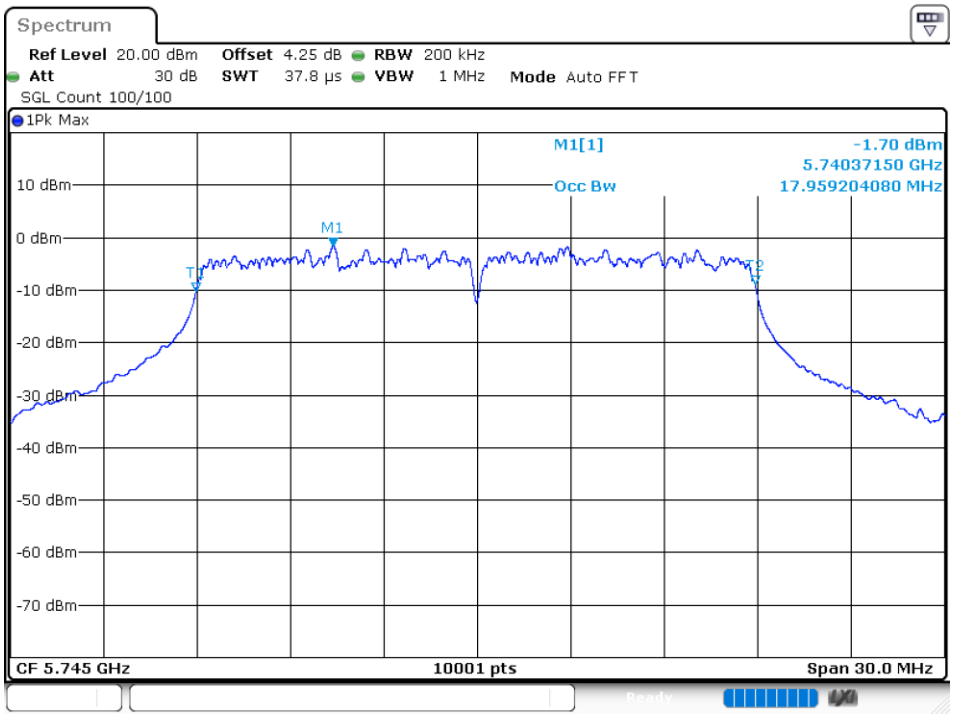
OBW NVNT n40 5755MHz Ant1



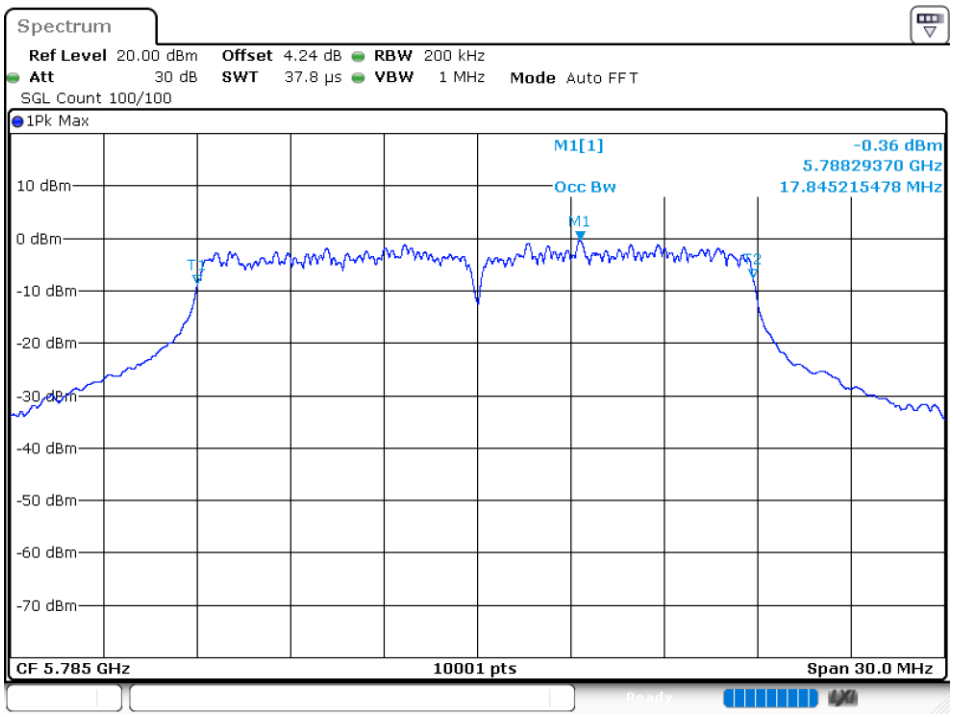
OBW NVNT n40 5795MHz Ant1



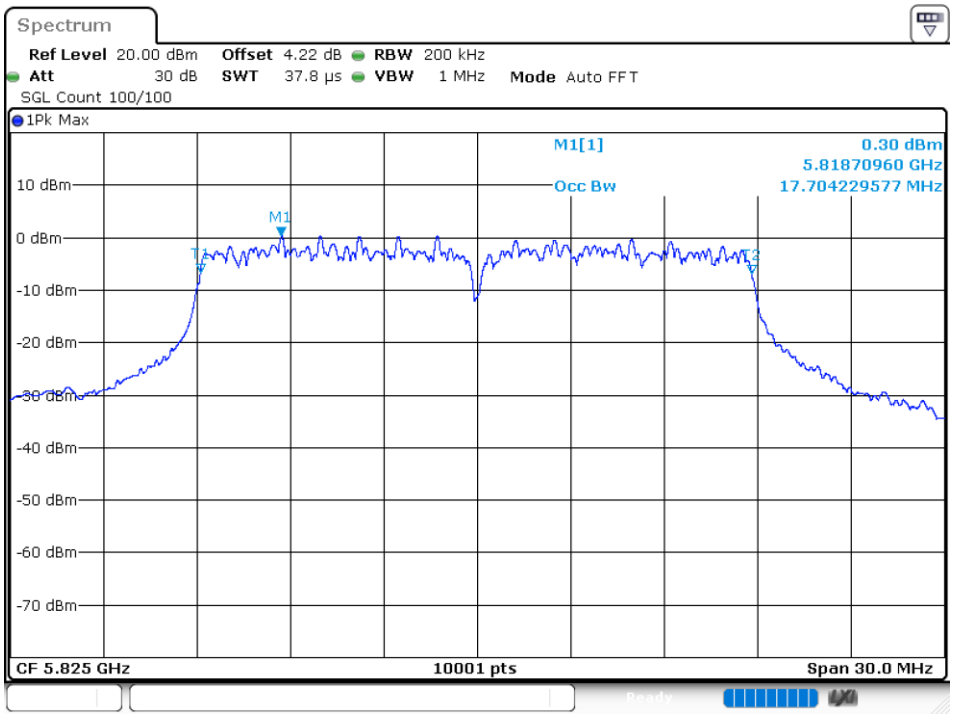
OBW NVNT ac20 5745MHz Ant1



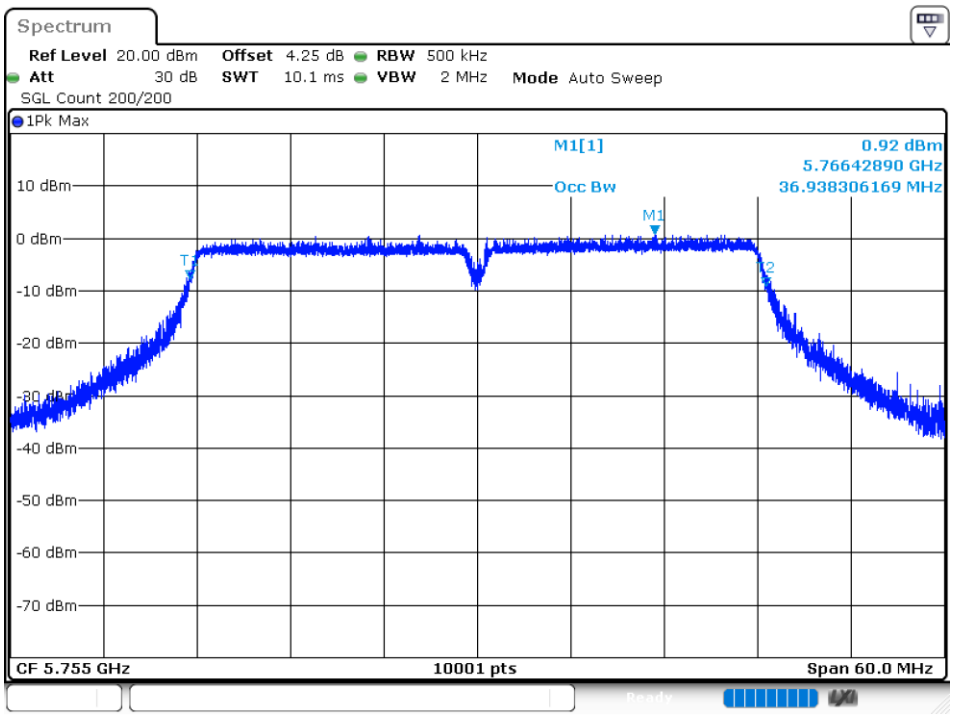
OBW NVNT ac20 5785MHz Ant1



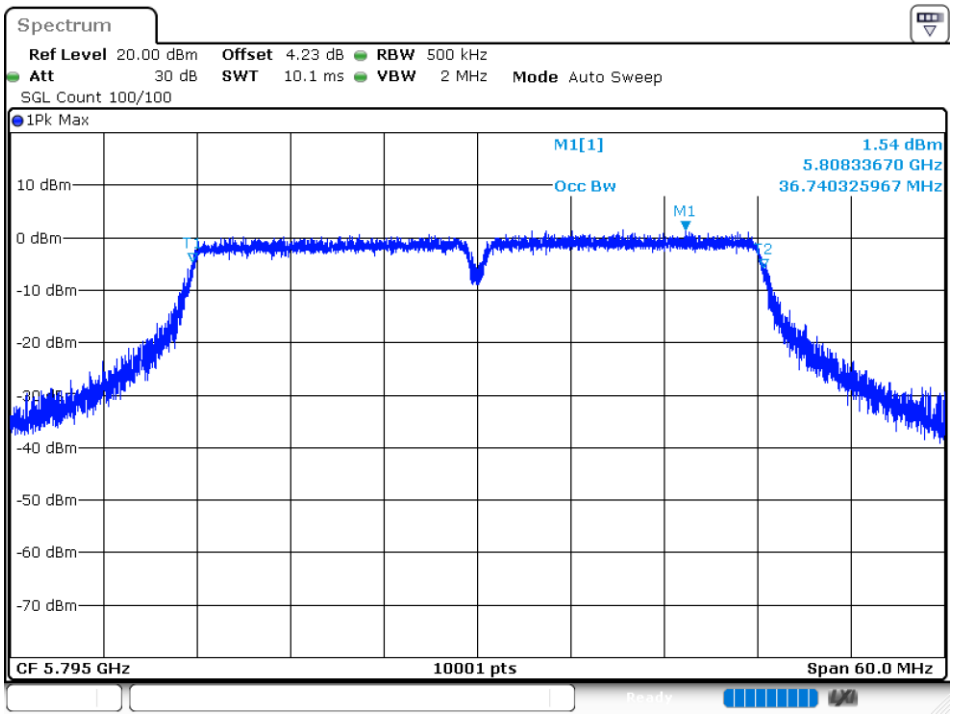
OBW NVNT ac20 5825MHz Ant1



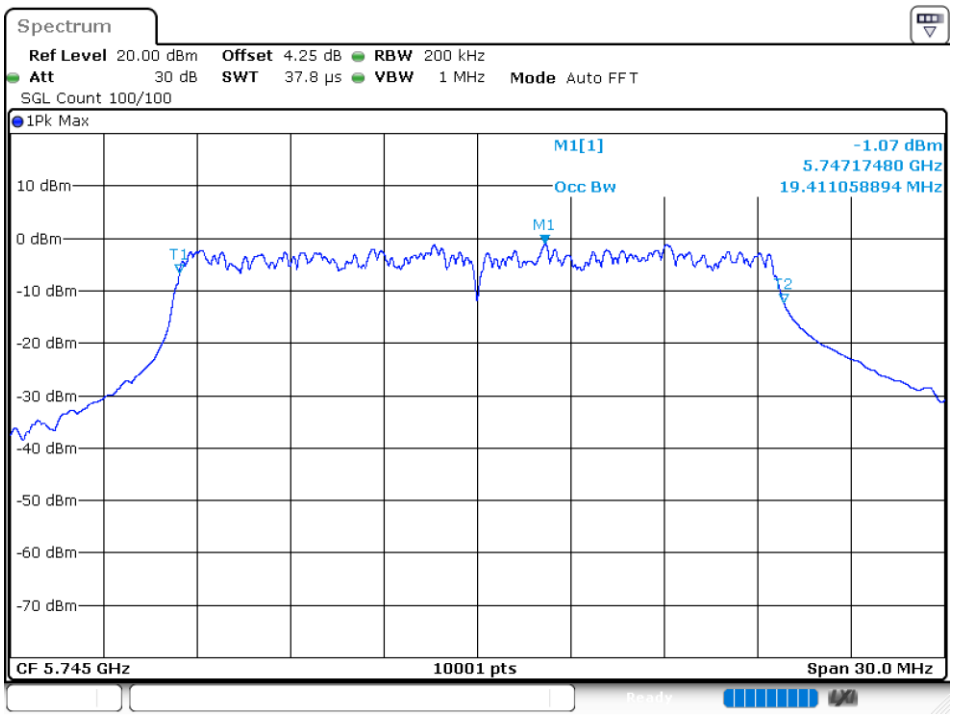
OBW NVNT ac40 5755MHz Ant1



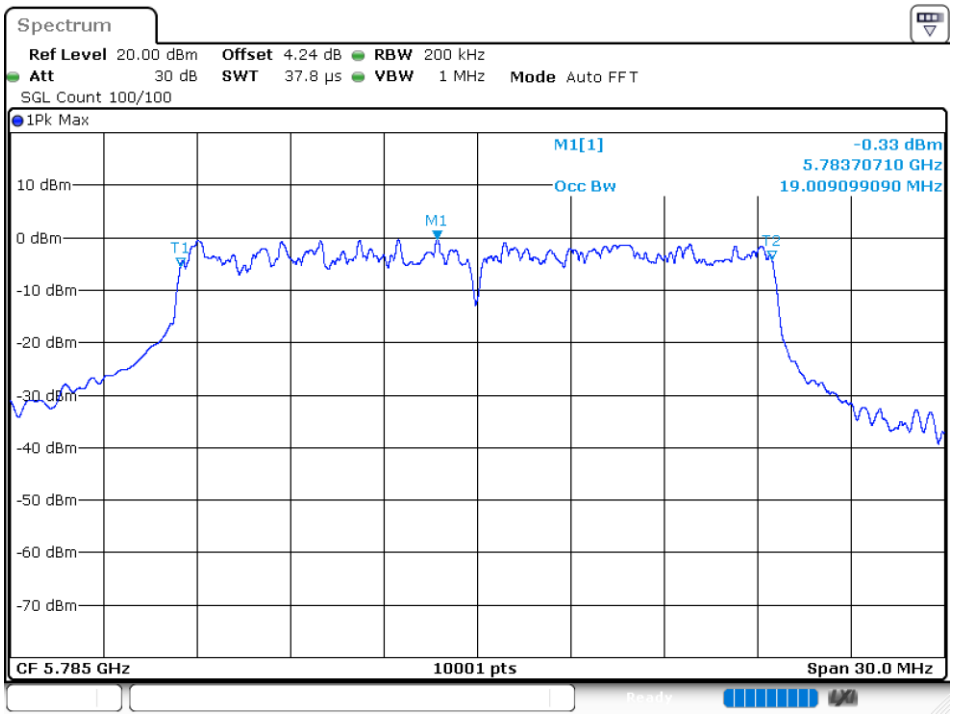
OBW NVNT ac40 5795MHz Ant1



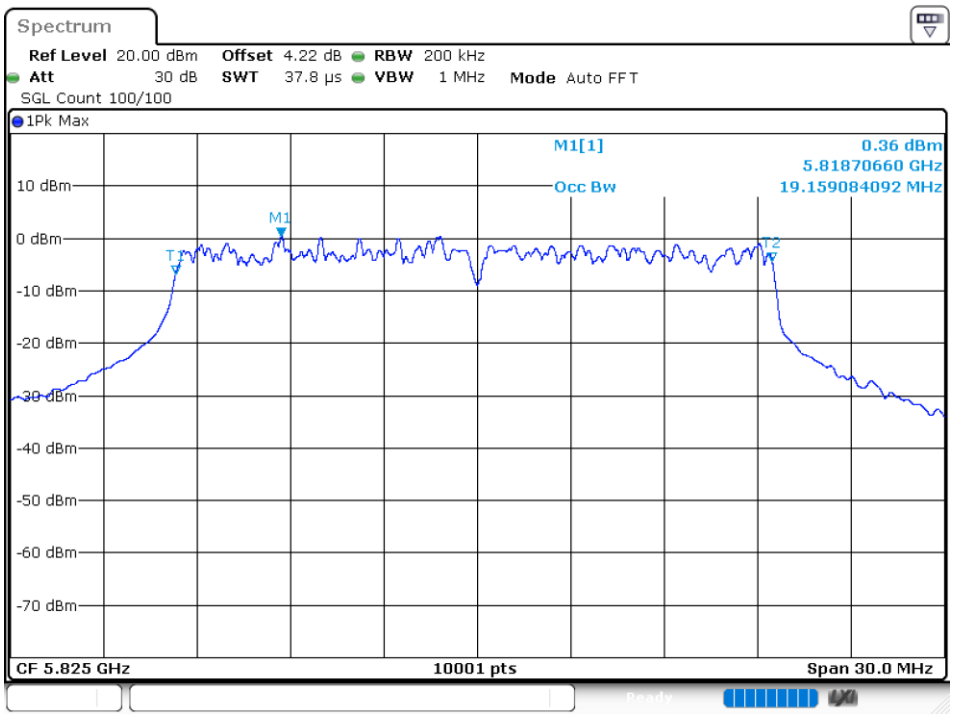
OBW NVNT ax20 5745MHz Ant1



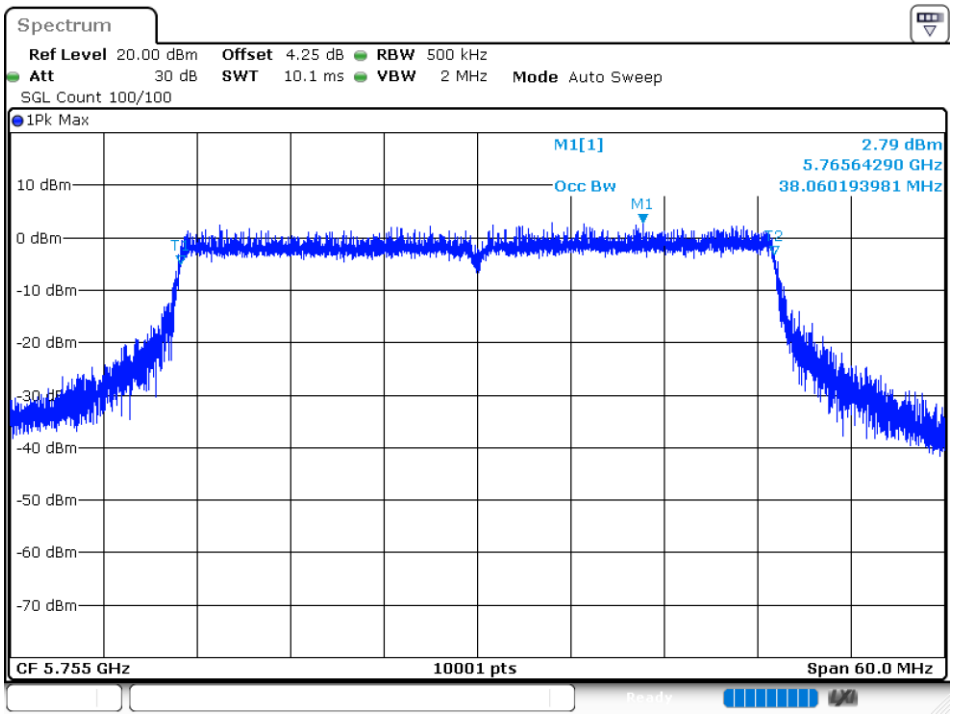
OBW NVNT ax20 5785MHz Ant1



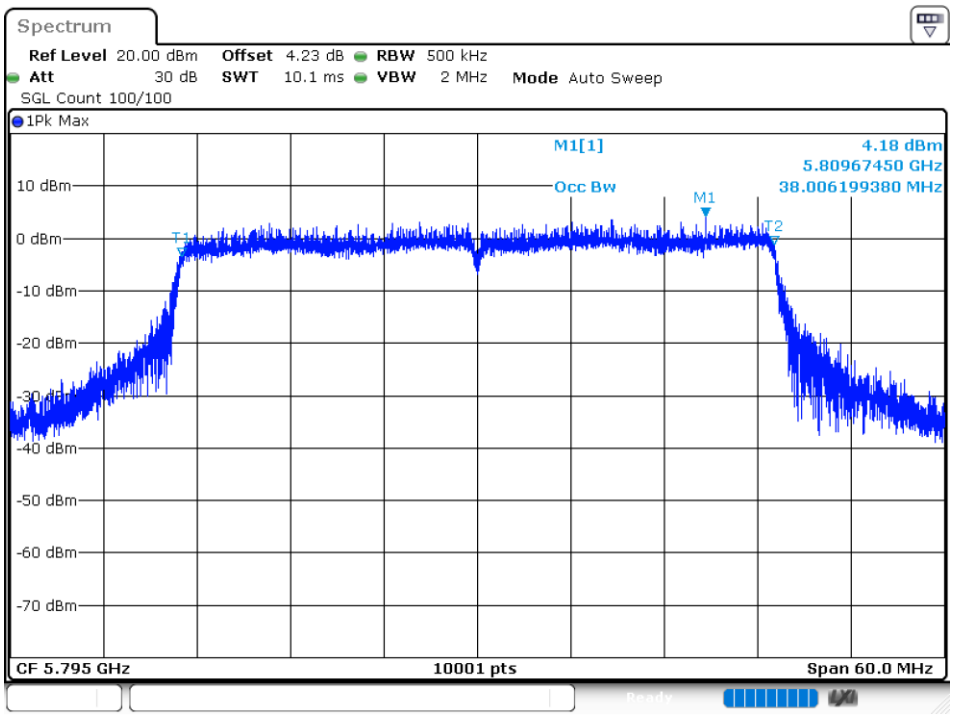
OBW NVNT ax20 5825MHz Ant1



OBW NVNT ax40 5755MHz Ant1



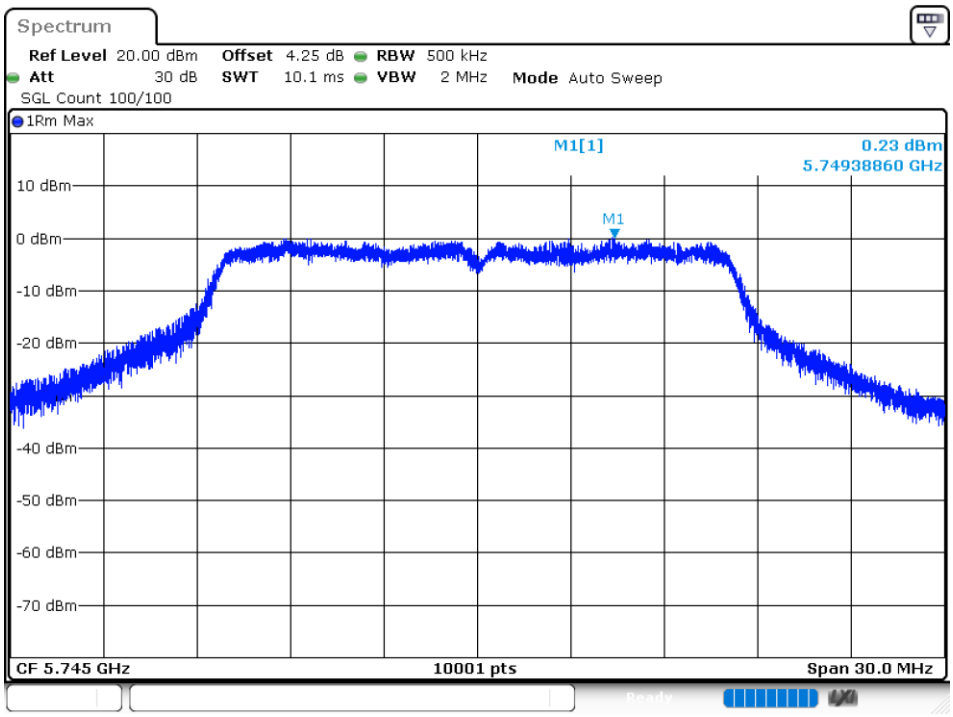
OBW NVNT ax40 5795MHz Ant1



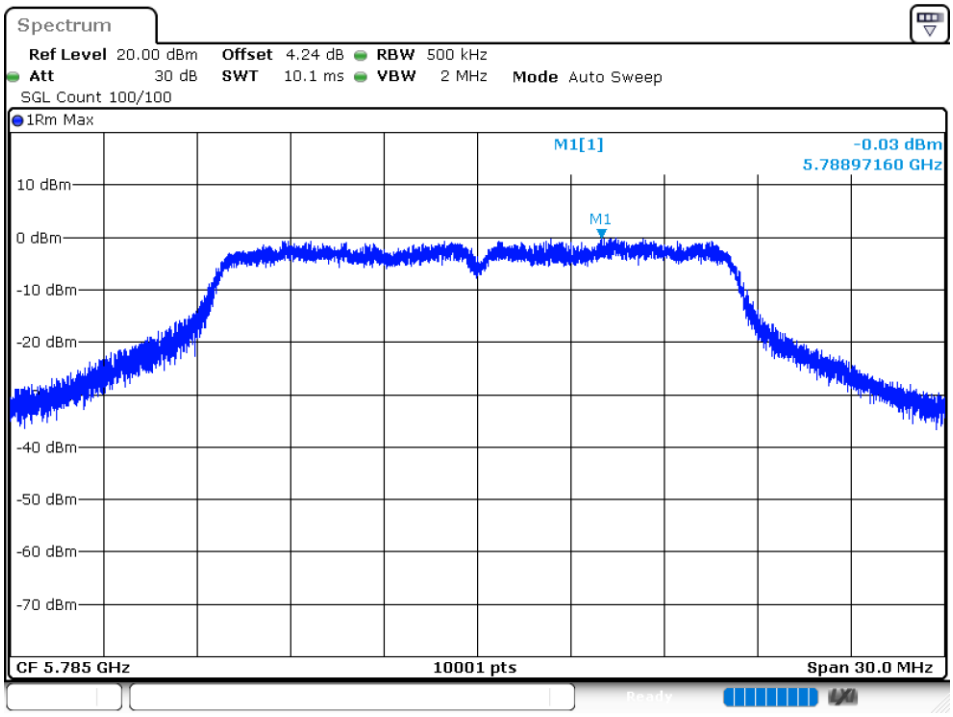
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	0.23	30	Pass
NVNT	a	5785	Ant1	-0.03	30	Pass
NVNT	a	5825	Ant1	-0.01	30	Pass
NVNT	n20	5745	Ant1	0.03	30	Pass
NVNT	n20	5785	Ant1	0.04	30	Pass
NVNT	n20	5825	Ant1	0.3	30	Pass
NVNT	n40	5755	Ant1	-2.51	30	Pass
NVNT	n40	5795	Ant1	-2.53	30	Pass
NVNT	ac20	5745	Ant1	-1.92	30	Pass
NVNT	ac20	5785	Ant1	-2.32	30	Pass
NVNT	ac20	5825	Ant1	-2.25	30	Pass
NVNT	ac40	5755	Ant1	-5.45	30	Pass
NVNT	ac40	5795	Ant1	-4.88	30	Pass
NVNT	ax20	5745	Ant1	-0.98	30	Pass
NVNT	ax20	5785	Ant1	-0.66	30	Pass
NVNT	ax20	5825	Ant1	-0.44	30	Pass
NVNT	ax40	5755	Ant1	-4.84	30	Pass
NVNT	ax40	5795	Ant1	-4.51	30	Pass

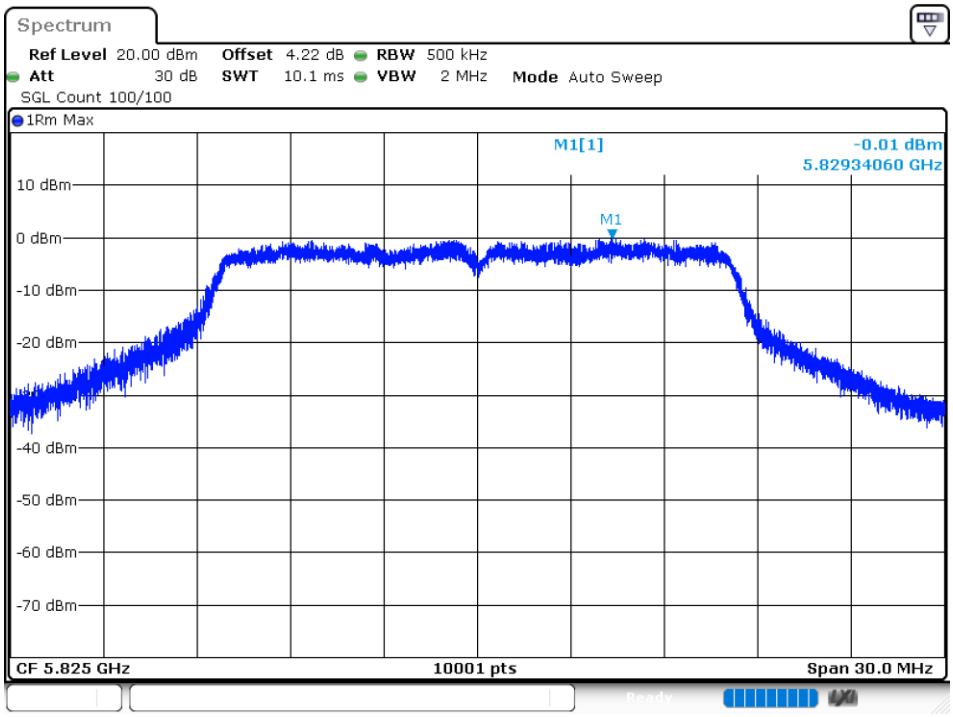
Test Graphs
PSD NVNT a 5745MHz Ant1



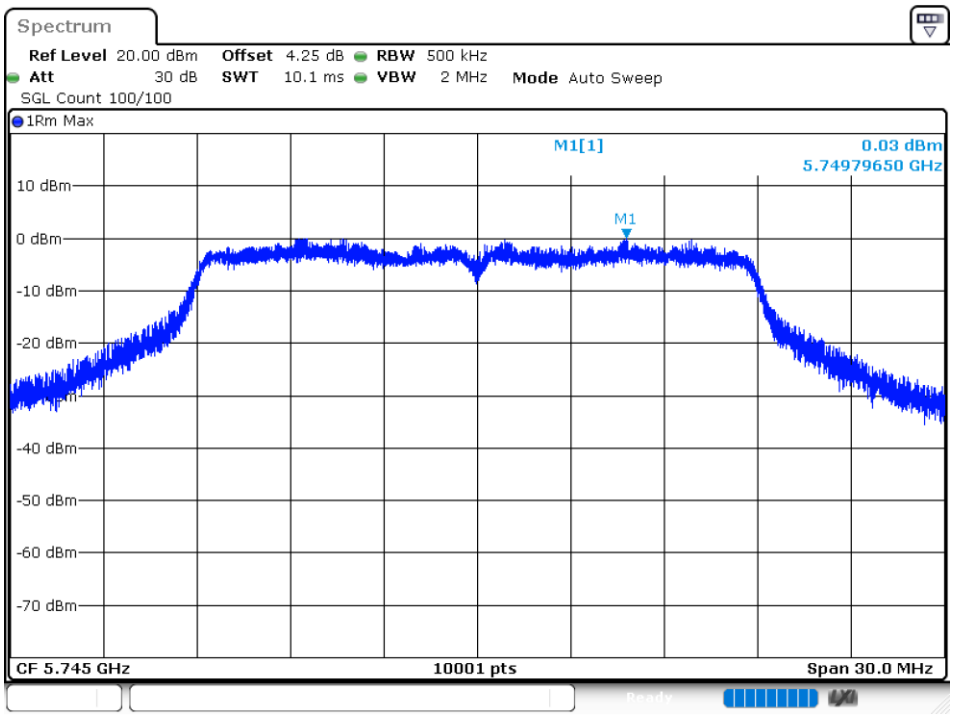
PSD NVNT a 5785MHz Ant1



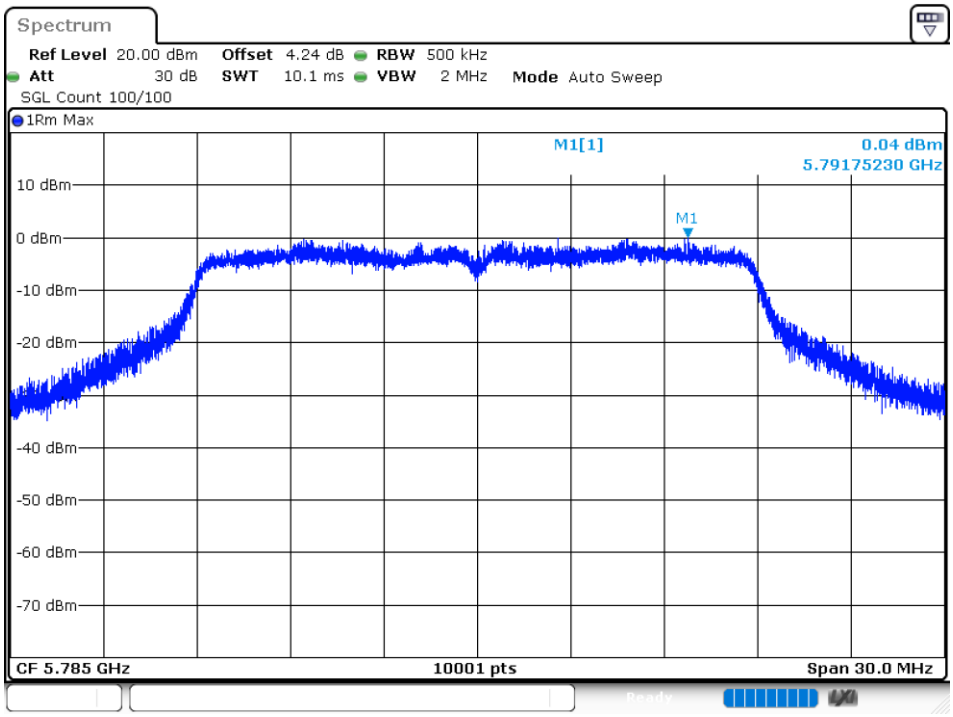
PSD NVNT a 5825MHz Ant1



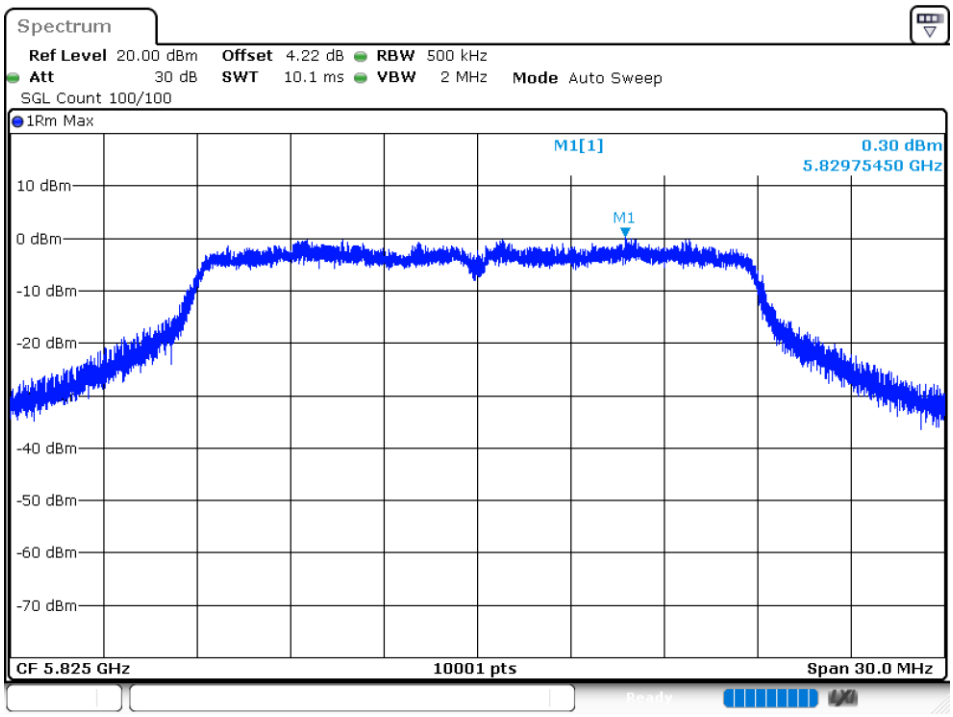
PSD NVNT n20 5745MHz Ant1



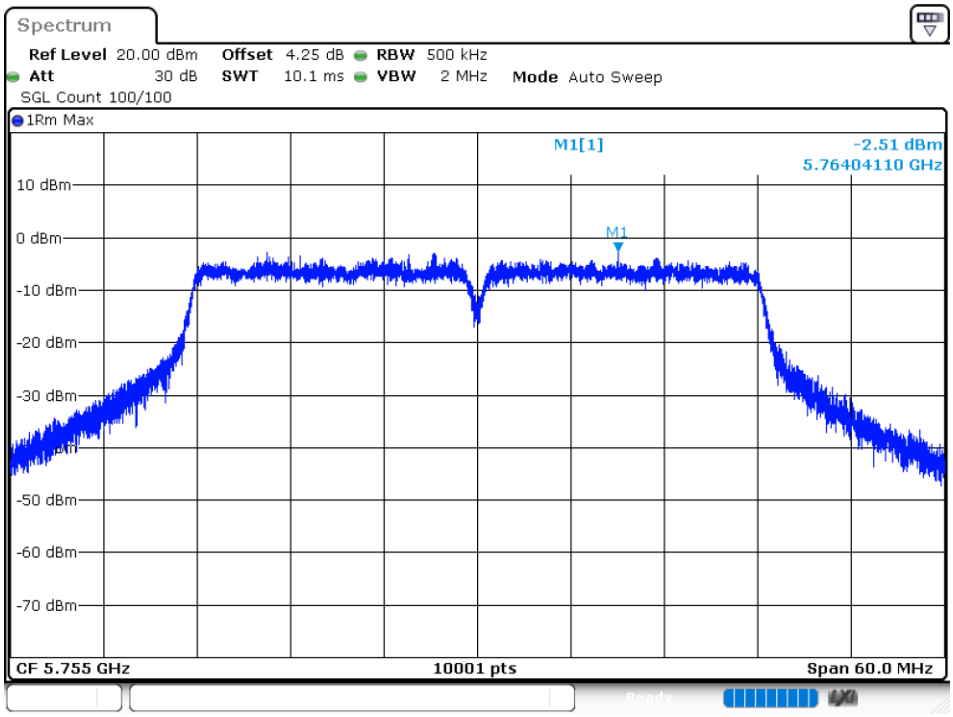
PSD NVNT n20 5785MHz Ant1



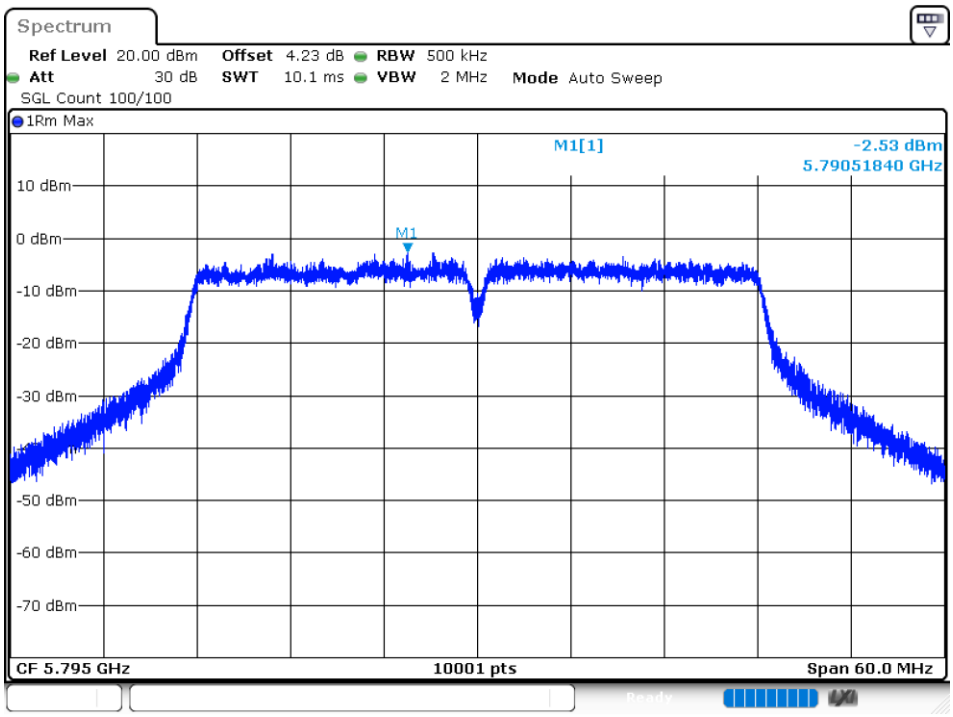
PSD NVNT n20 5825MHz Ant1



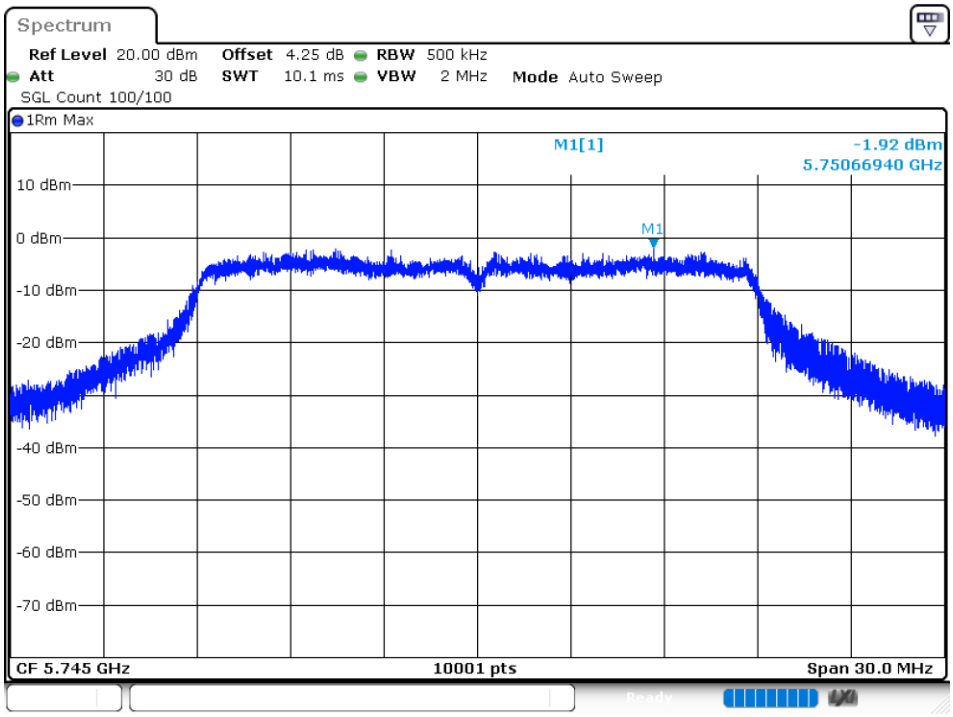
PSD NVNT n40 5755MHz Ant1



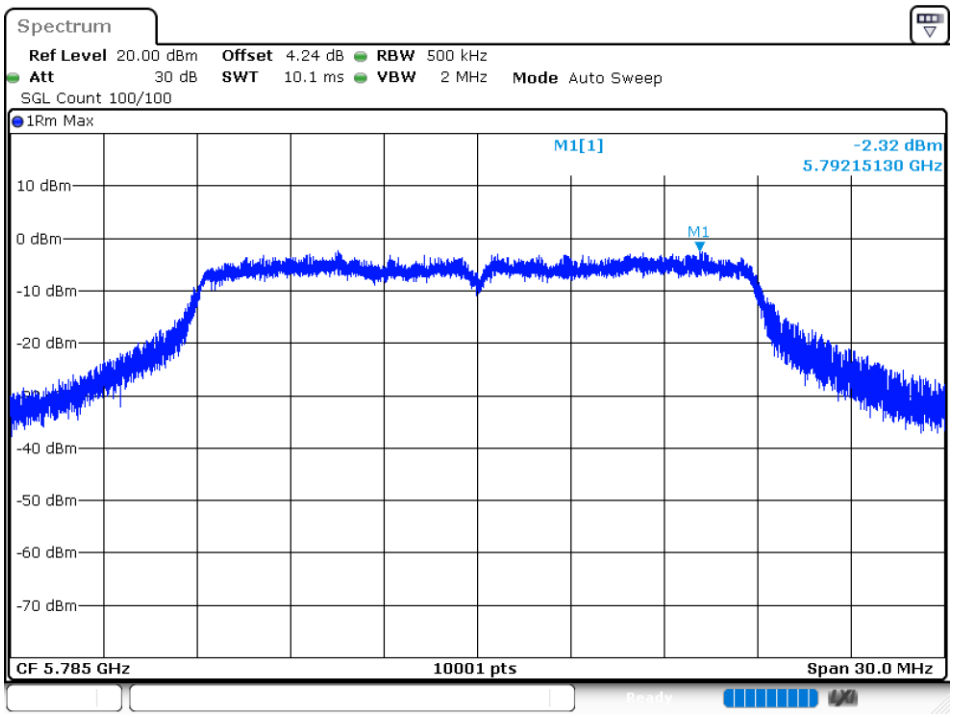
PSD NVNT n40 5795MHz Ant1



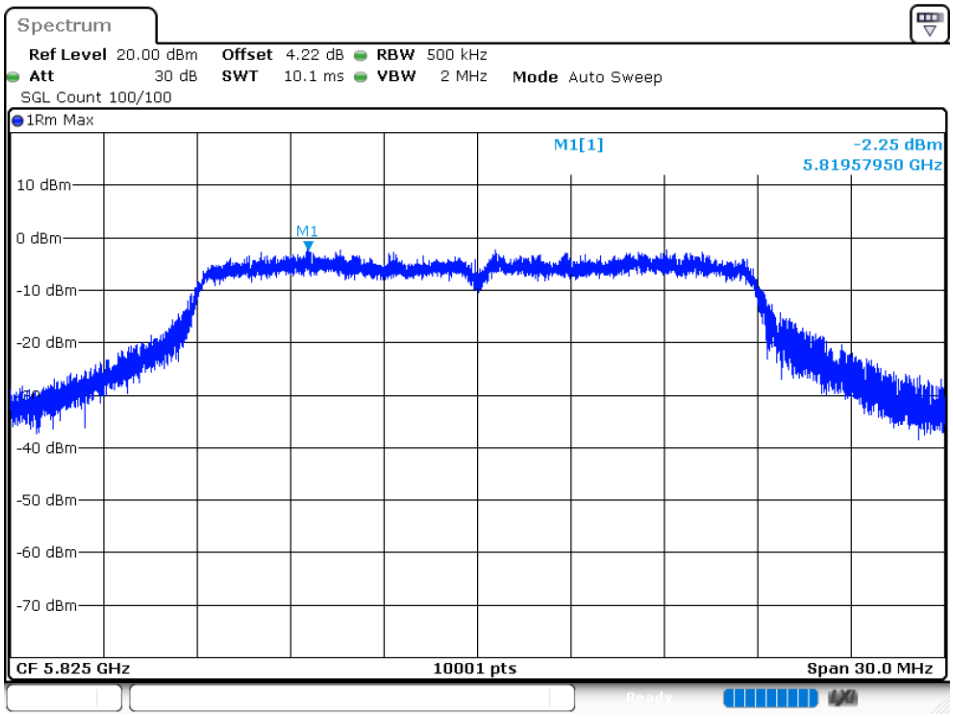
PSD NVNT ac20 5745MHz Ant1



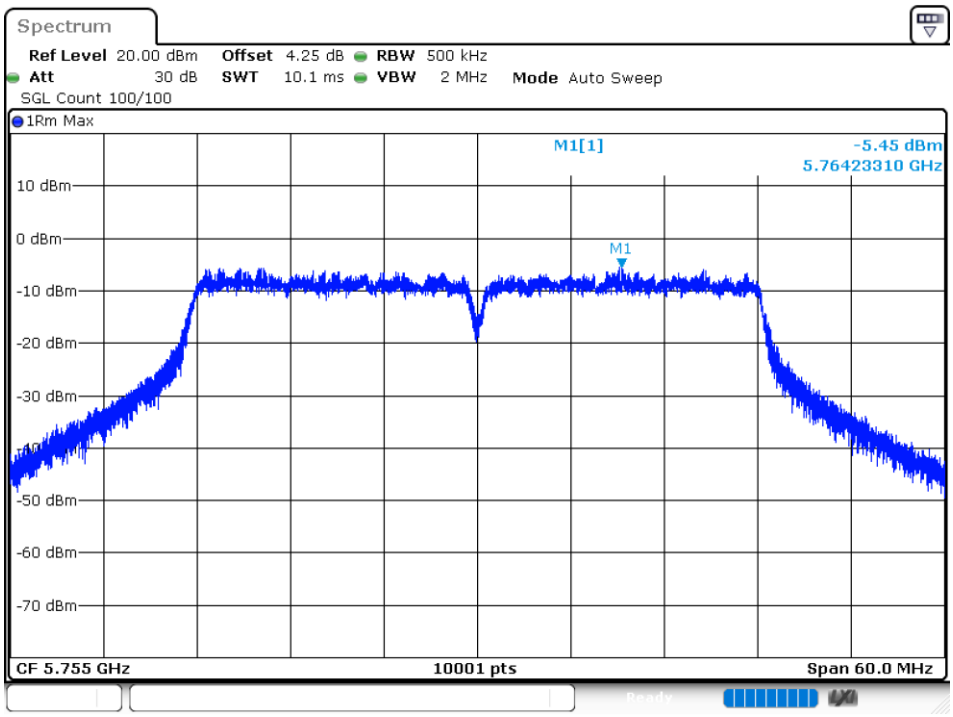
PSD NVNT ac20 5785MHz Ant1



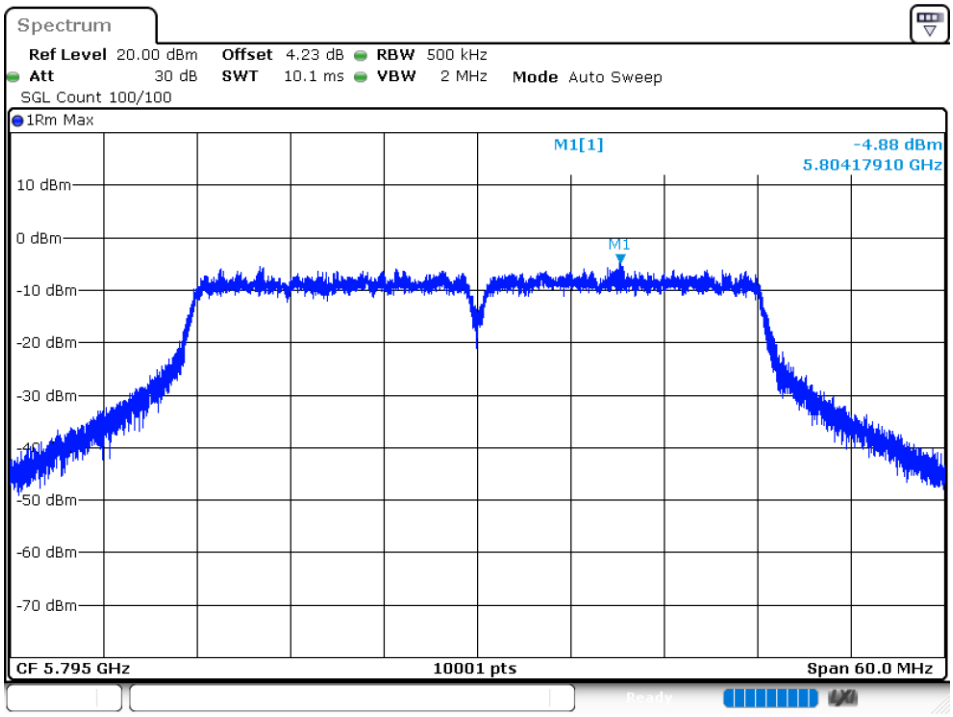
PSD NVNT ac20 5825MHz Ant1



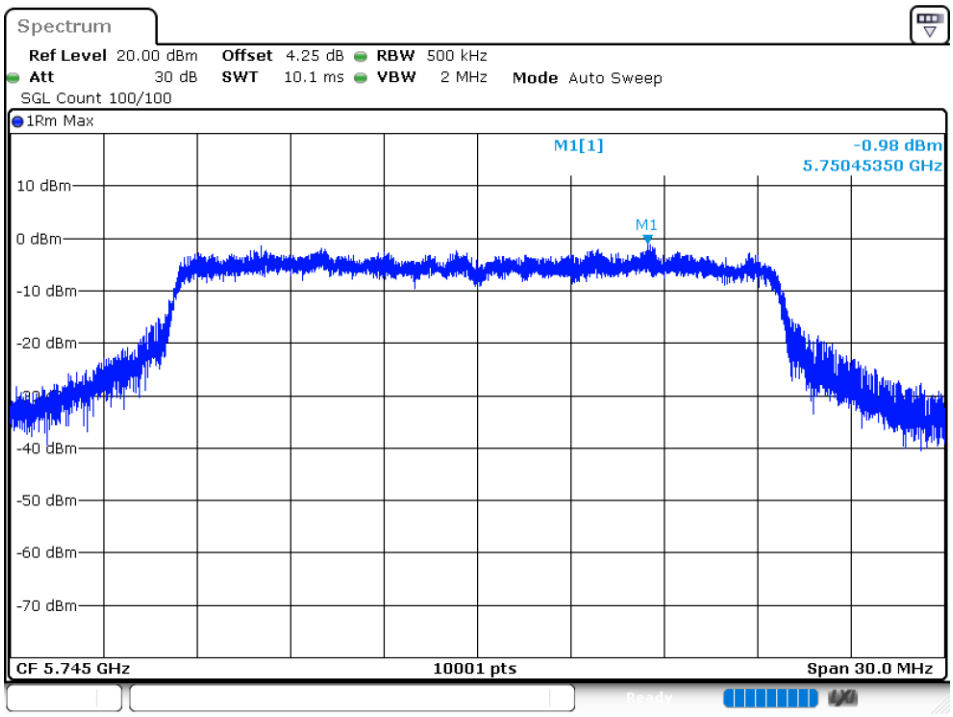
PSD NVNT ac40 5755MHz Ant1



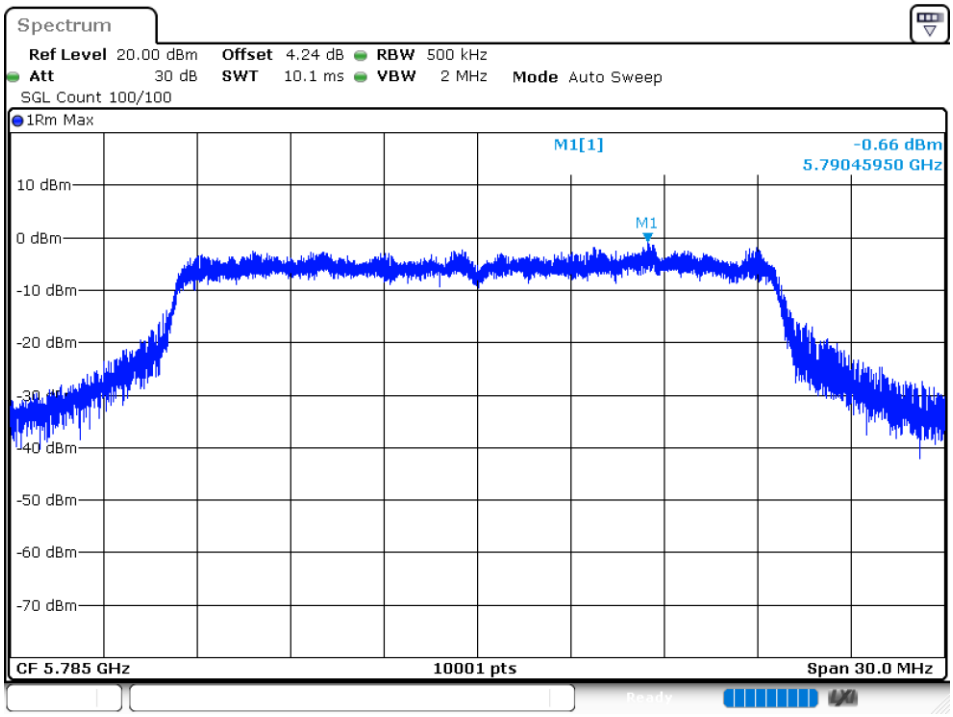
PSD NVNT ac40 5795MHz Ant1



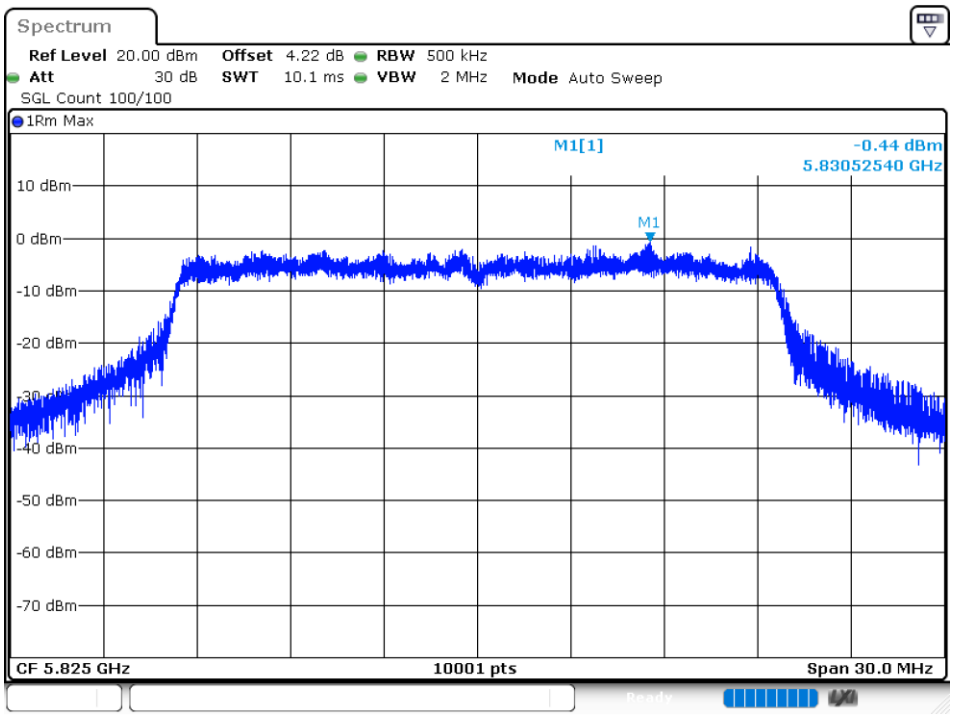
PSD NVNT ax20 5745MHz Ant1



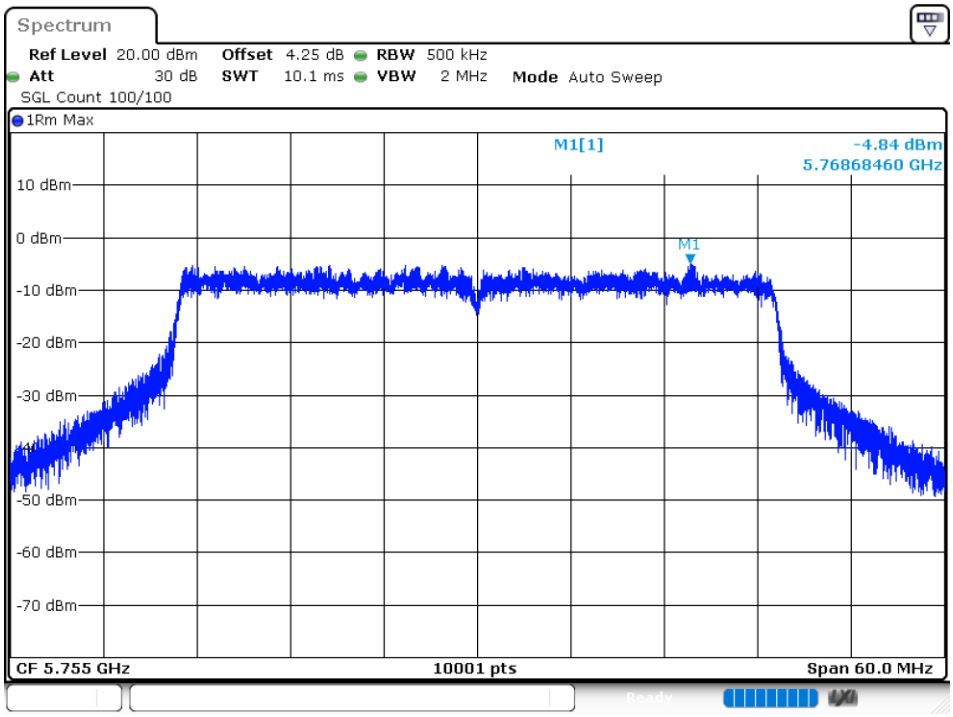
PSD NVNT ax20 5785MHz Ant1



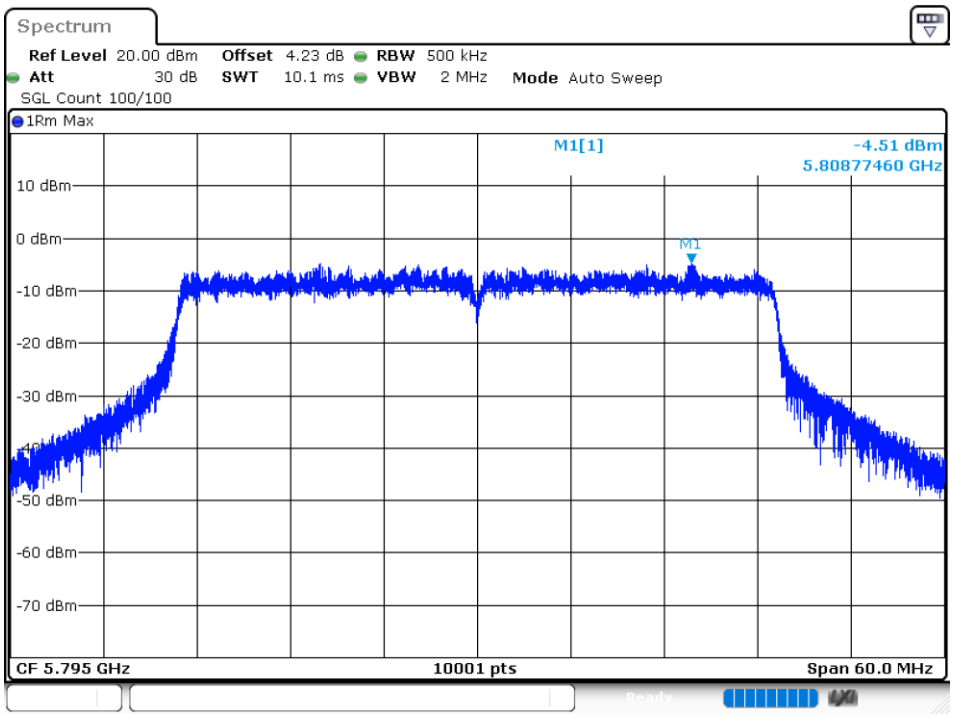
PSD NVNT ax20 5825MHz Ant1



PSD NVNT ax40 5755MHz Ant1



PSD NVNT ax40 5795MHz Ant1



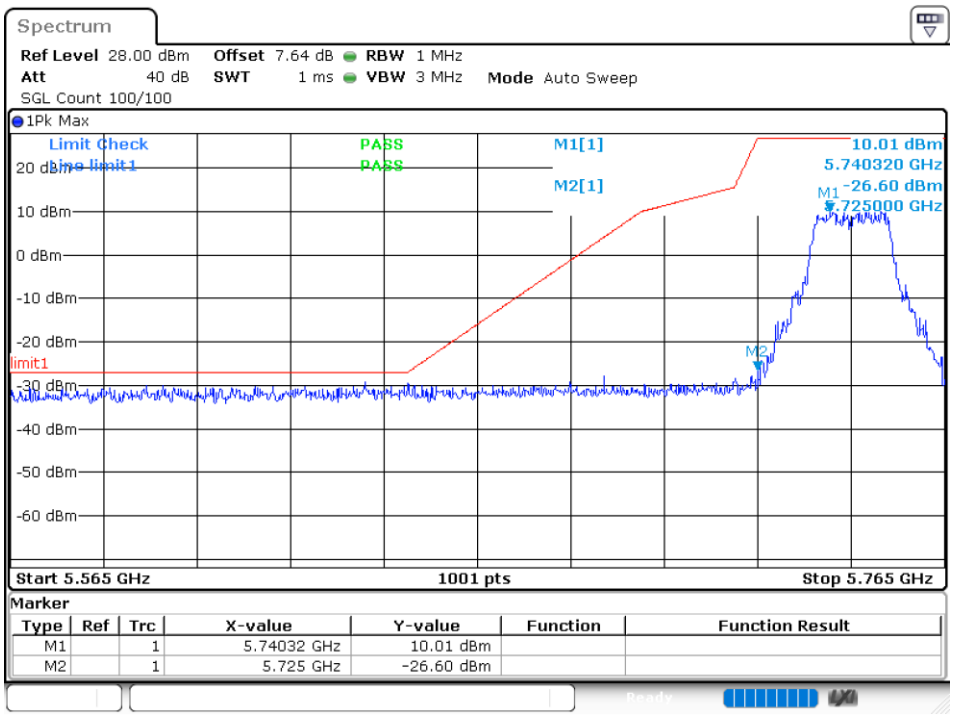
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-26.6	Pass
NVNT	a	5825	Ant1	-22.87	Pass
NVNT	n20	5745	Ant1	-20.23	Pass
NVNT	n20	5825	Ant1	-27.49	Pass
NVNT	n40	5755	Ant1	-24.97	Pass
NVNT	n40	5795	Ant1	-28.01	Pass
NVNT	ac20	5745	Ant1	-24.39	Pass
NVNT	ac20	5825	Ant1	-26.57	Pass
NVNT	ac40	5755	Ant1	-24.99	Pass
NVNT	ac40	5795	Ant1	-24.99	Pass
NVNT	ax20	5745	Ant1	-24.43	Pass
NVNT	ax20	5825	Ant1	-23.8	Pass
NVNT	ax40	5755	Ant1	-22.4	Pass
NVNT	ax40	5795	Ant1	-27.41	Pass

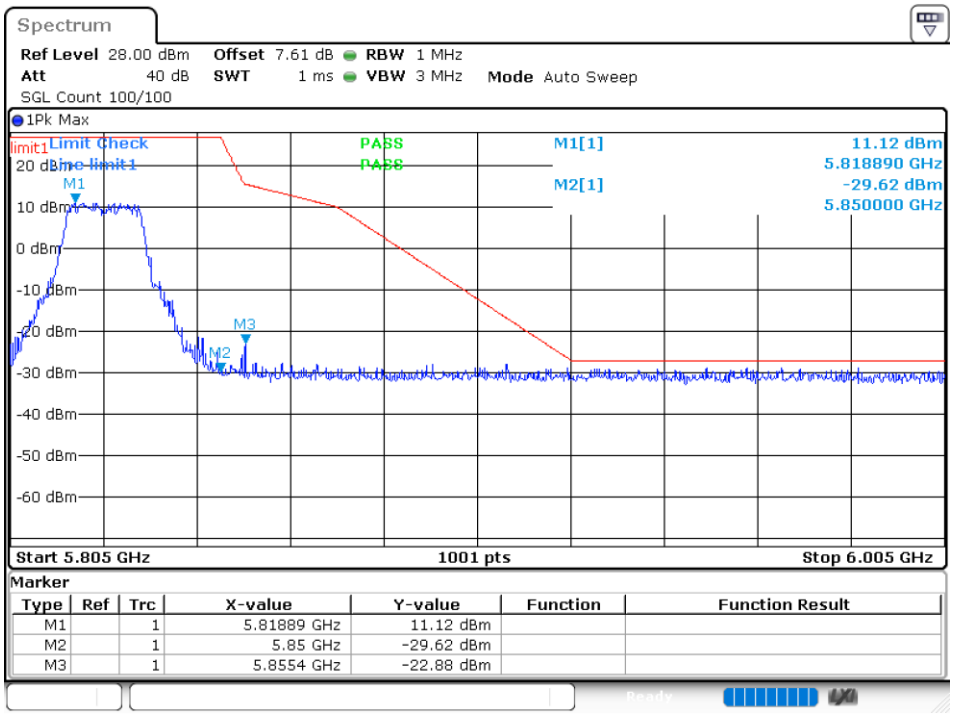
Note: Tested with increased antenna gain.

Test Graphs

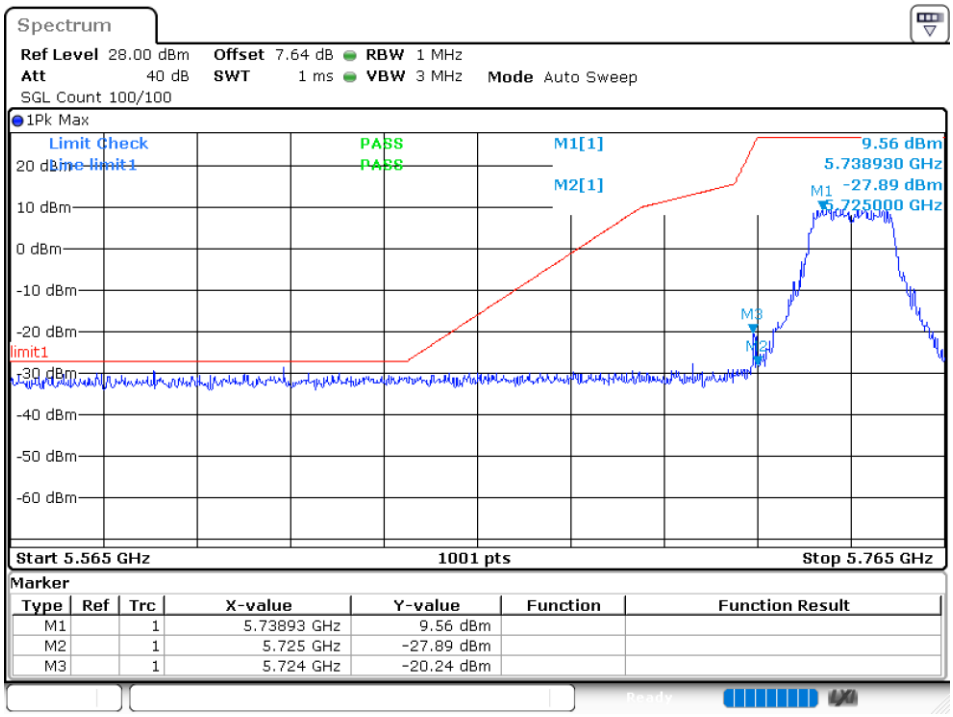
Band Edge NVNT a 5745MHz Low Ant1



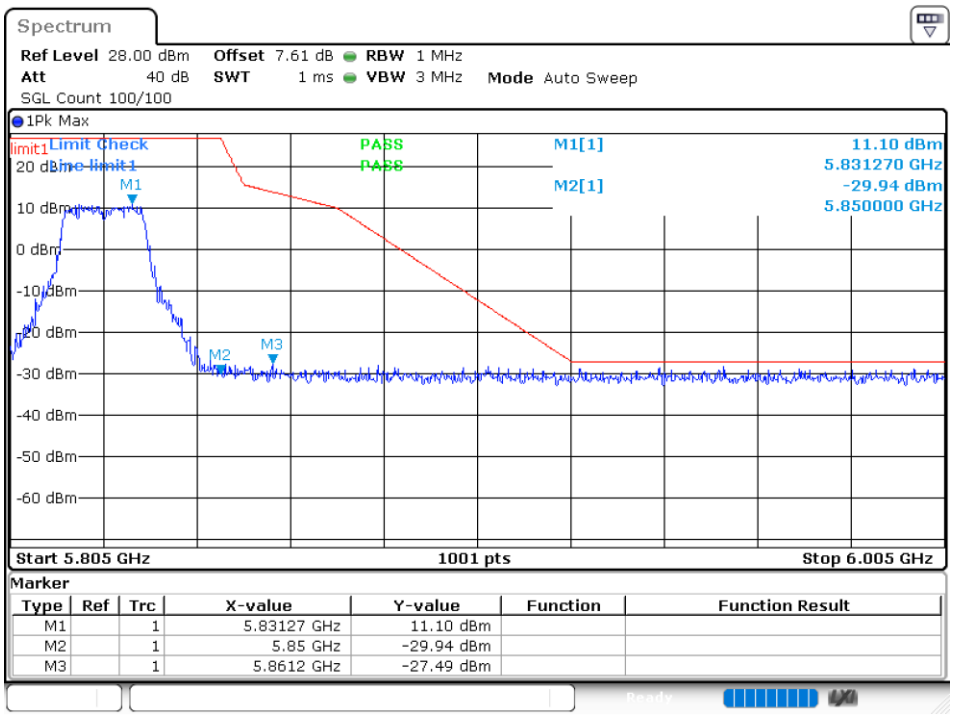
Band Edge NVNT a 5825MHz High Ant1



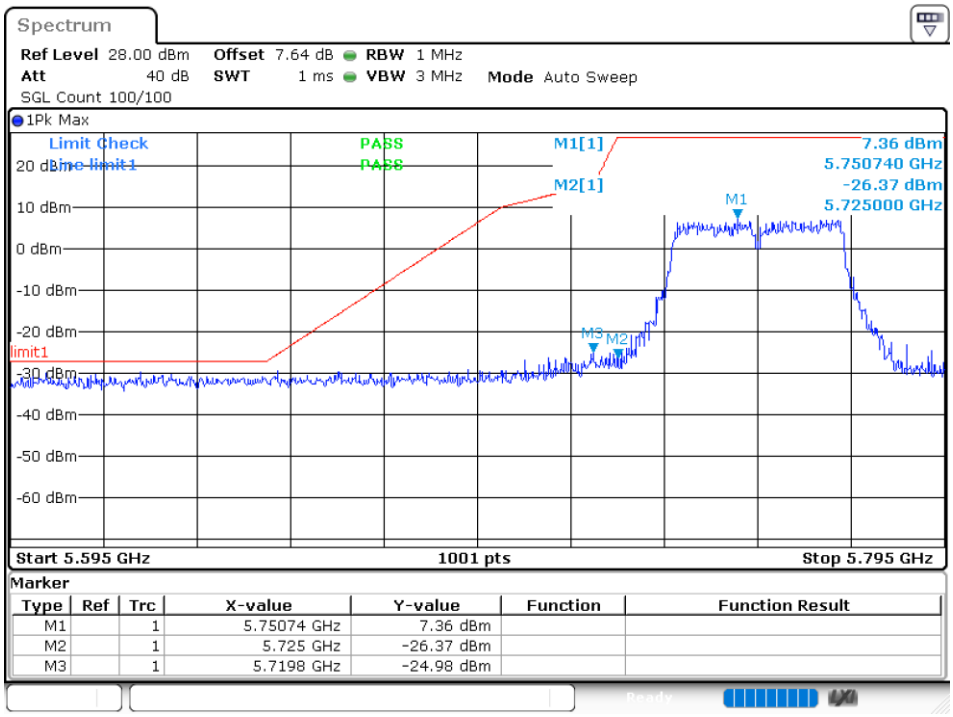
Band Edge NVNT n20 5745MHz Low Ant1



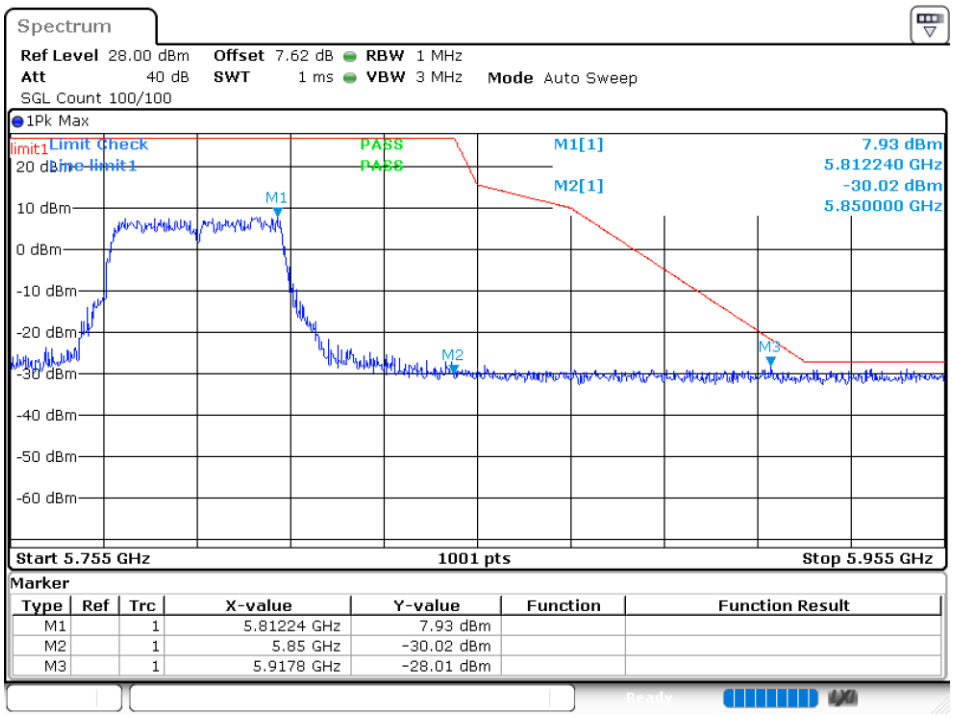
Band Edge NVNT n20 5825MHz High Ant1



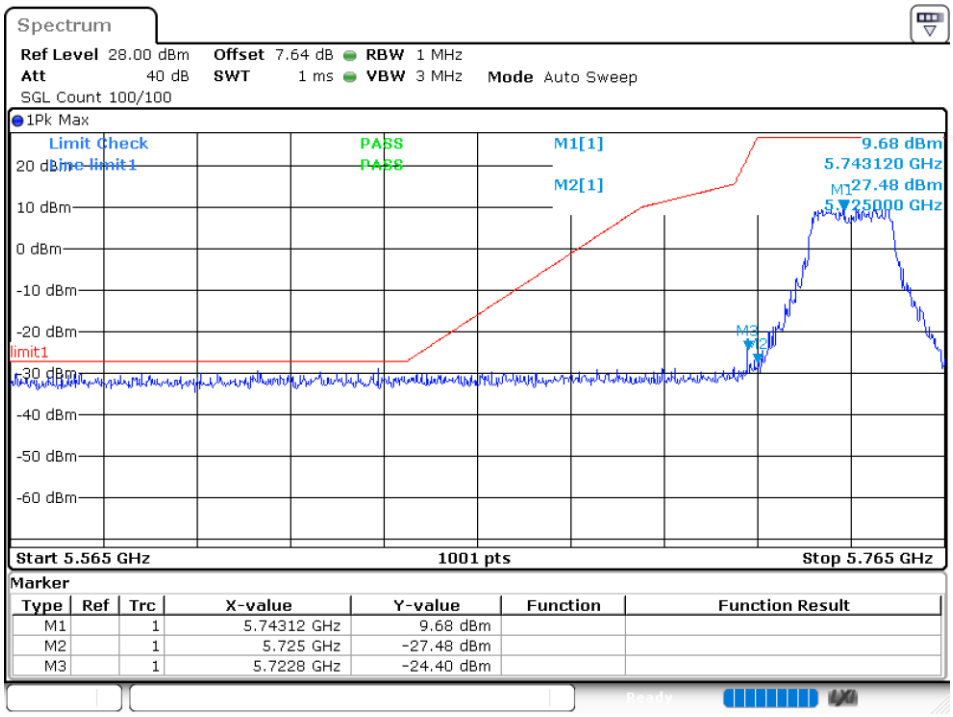
Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1



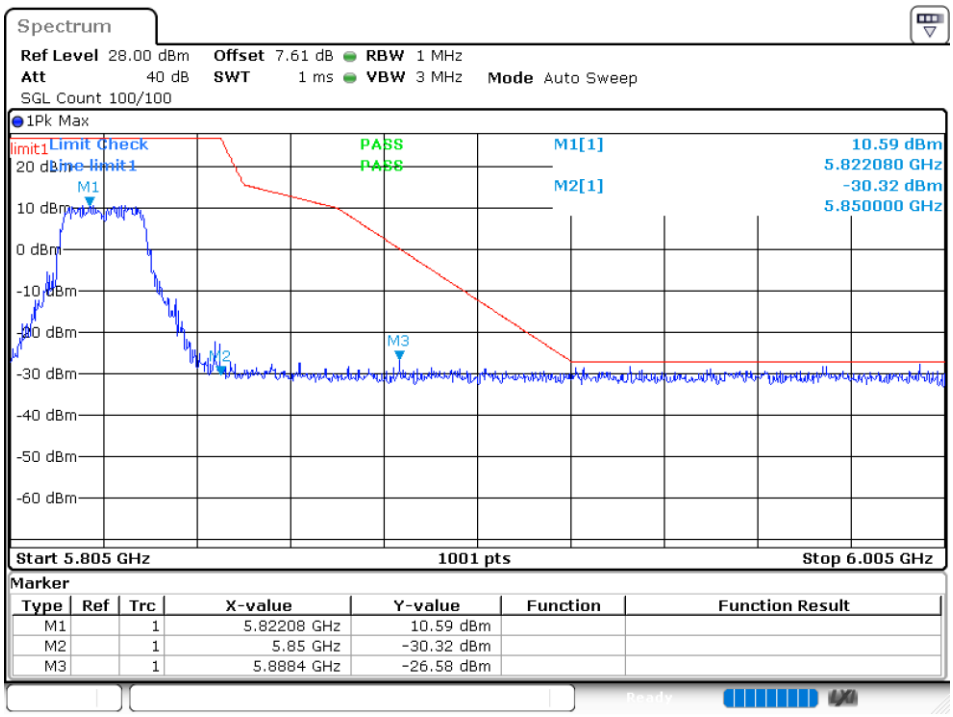
Band Edge NVNT ac20 5745MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.74312 GHz	9.68 dBm		
M2		1	5.725 GHz	-27.48 dBm		
M3		1	5.7228 GHz	-24.40 dBm		

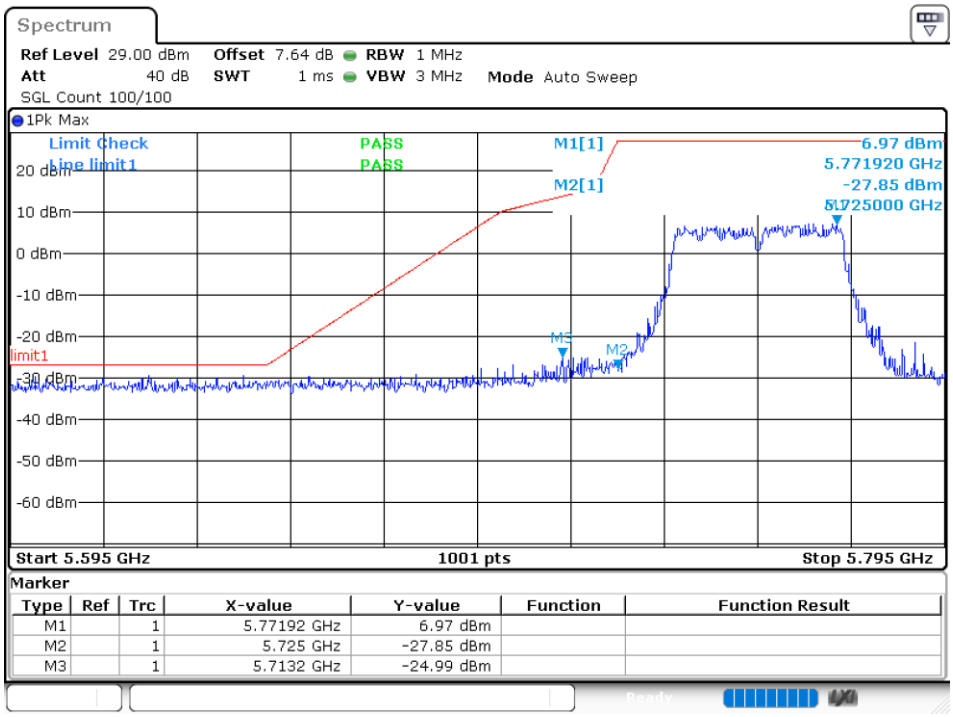
Band Edge NVNT ac20 5825MHz High Ant1



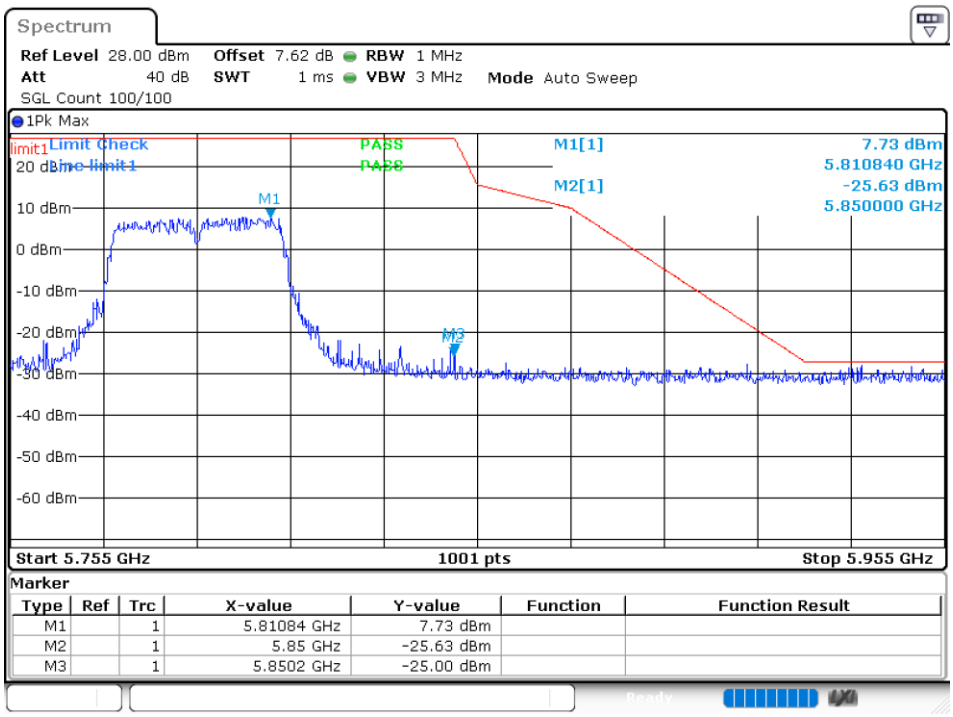
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.82208 GHz	10.59 dBm		
M2		1	5.85 GHz	-30.32 dBm		
M3		1	5.8884 GHz	-26.58 dBm		

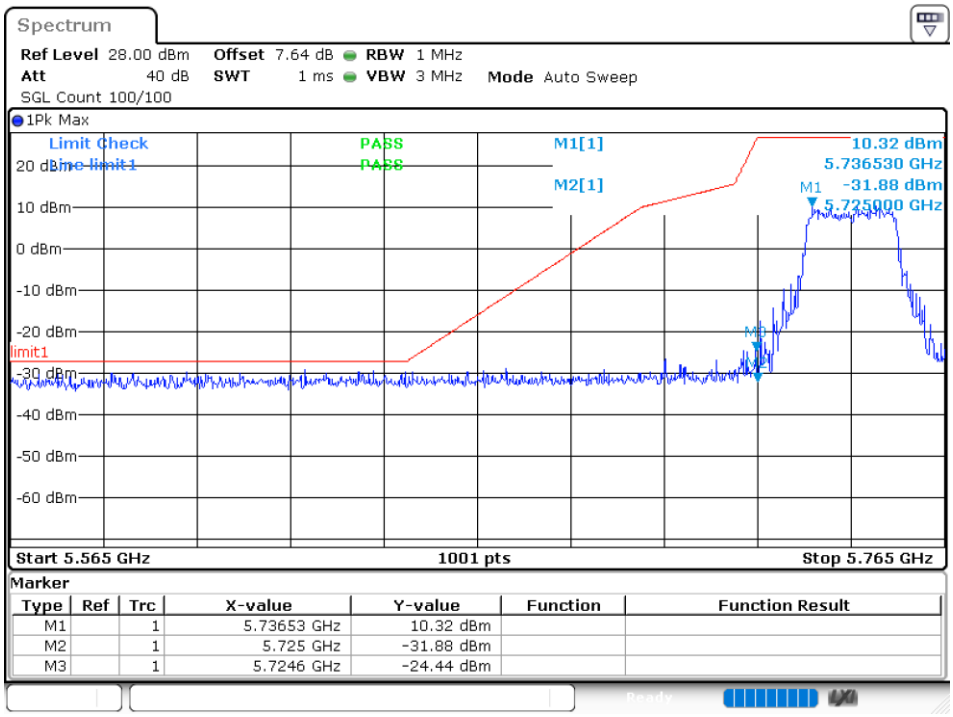
Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1



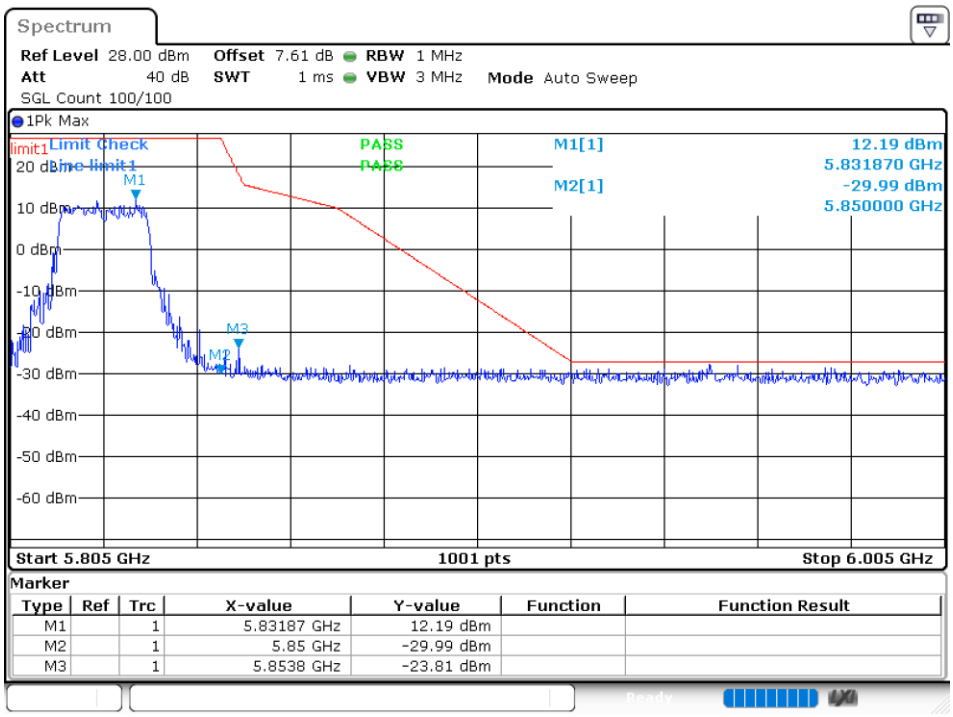
Band Edge NVNT ax20 5745MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.73653 GHz	10.32 dBm		
M2		1	5.725 GHz	-31.88 dBm		
M3		1	5.7246 GHz	-24.44 dBm		

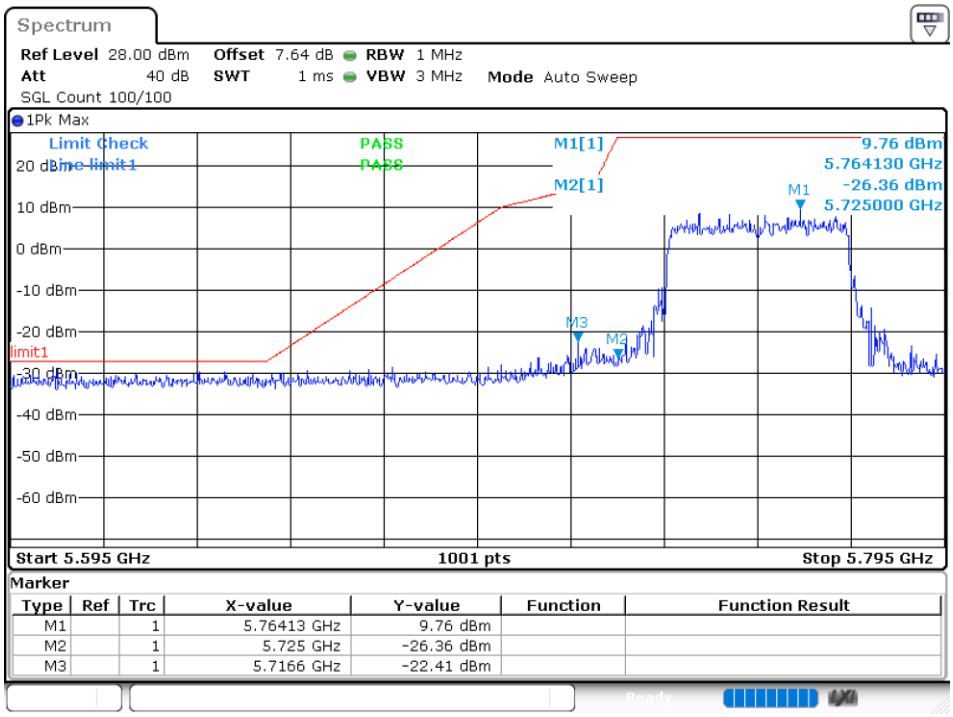
Band Edge NVNT ax20 5825MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.83187 GHz	12.19 dBm		
M2		1	5.85 GHz	-29.99 dBm		
M3		1	5.8538 GHz	-23.81 dBm		

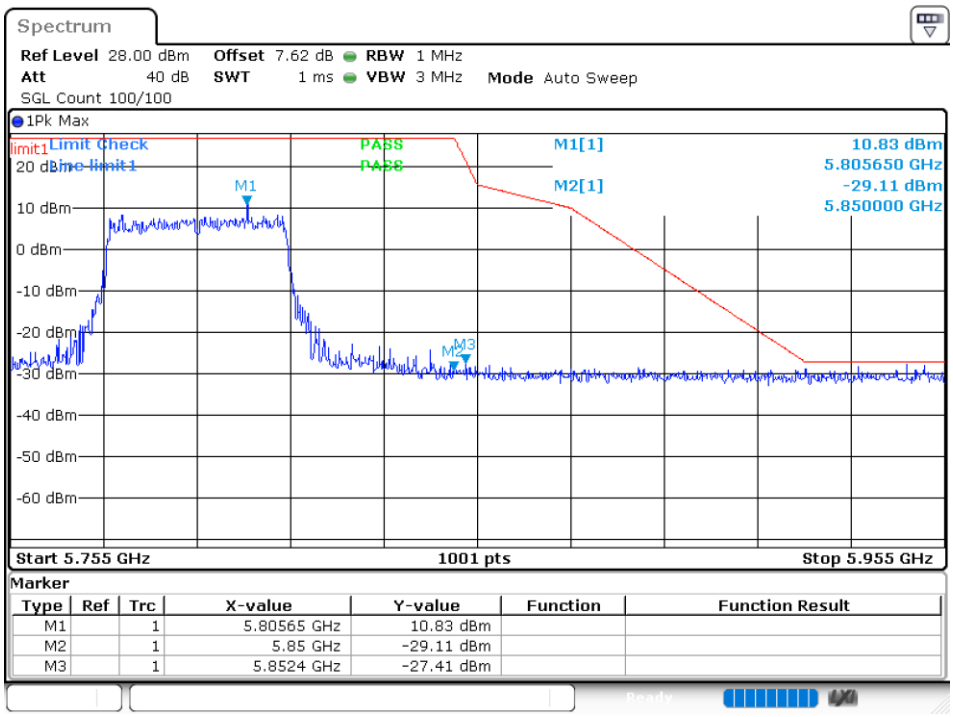
Band Edge NVNT ax40 5755MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.76413 GHz	9.76 dBm		
M2		1	5.725 GHz	-26.36 dBm		
M3		1	5.7166 GHz	-22.41 dBm		

Band Edge NVNT ax40 5795MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.80565 GHz	10.83 dBm		
M2		1	5.85 GHz	-29.11 dBm		
M3		1	5.8524 GHz	-27.41 dBm		

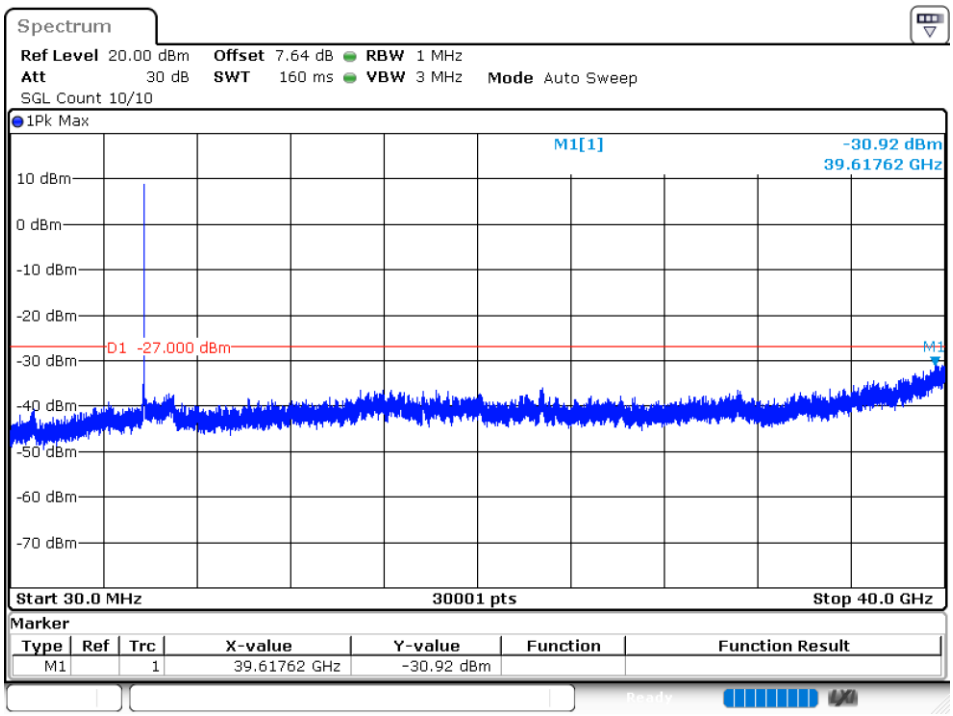
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-30.92	-27	Pass
NVNT	a	5785	Ant1	-30.74	-27	Pass
NVNT	a	5825	Ant1	-30.87	-27	Pass
NVNT	n20	5745	Ant1	-30.13	-27	Pass
NVNT	n20	5785	Ant1	-31.11	-27	Pass
NVNT	n20	5825	Ant1	-31.05	-27	Pass
NVNT	n40	5755	Ant1	-30.55	-27	Pass
NVNT	n40	5795	Ant1	-31.2	-27	Pass
NVNT	ac20	5745	Ant1	-31.53	-27	Pass
NVNT	ac20	5785	Ant1	-30.05	-27	Pass
NVNT	ac20	5825	Ant1	-30.61	-27	Pass
NVNT	ac40	5755	Ant1	-30.85	-27	Pass
NVNT	ac40	5795	Ant1	-30.85	-27	Pass
NVNT	ax20	5745	Ant1	-38.96	-27	Pass
NVNT	ax20	5785	Ant1	-31.21	-27	Pass
NVNT	ax20	5825	Ant1	-38.61	-27	Pass
NVNT	ax40	5755	Ant1	-29.47	-27	Pass
NVNT	ax40	5795	Ant1	-30.31	-27	Pass

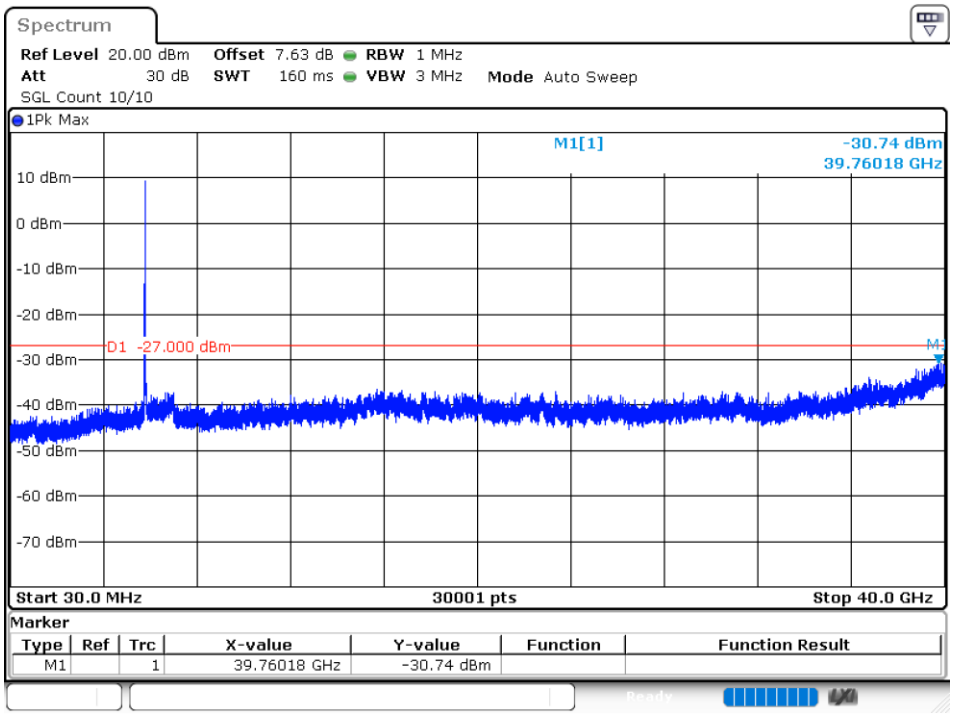
Note: Tested with increased antenna gain.

Test Graphs

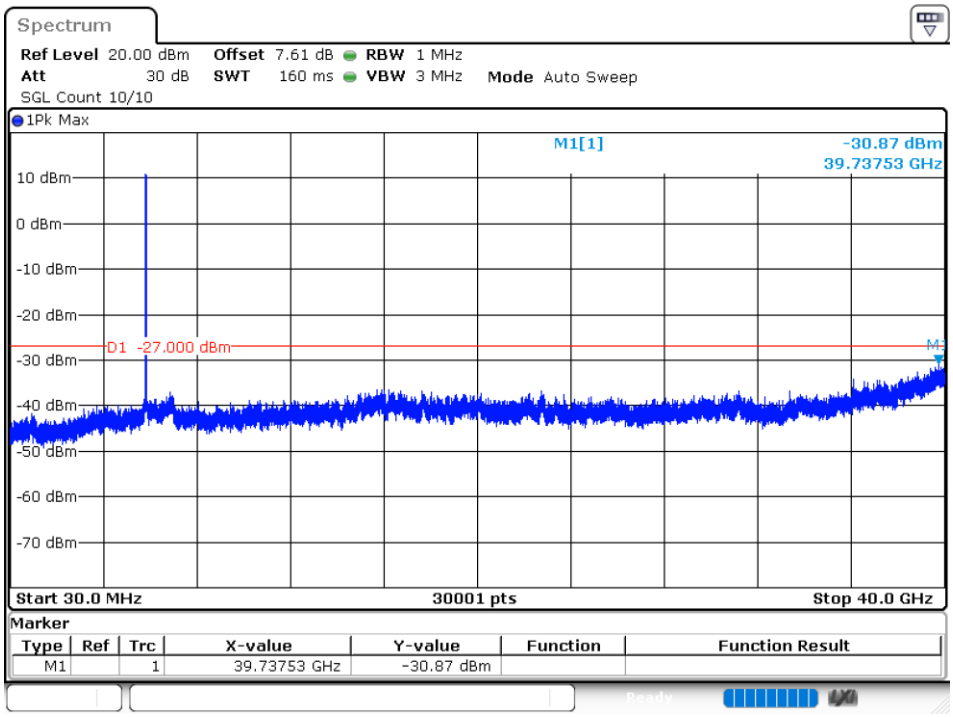
Tx. Spurious NVNT a 5745MHz Ant1 Emission



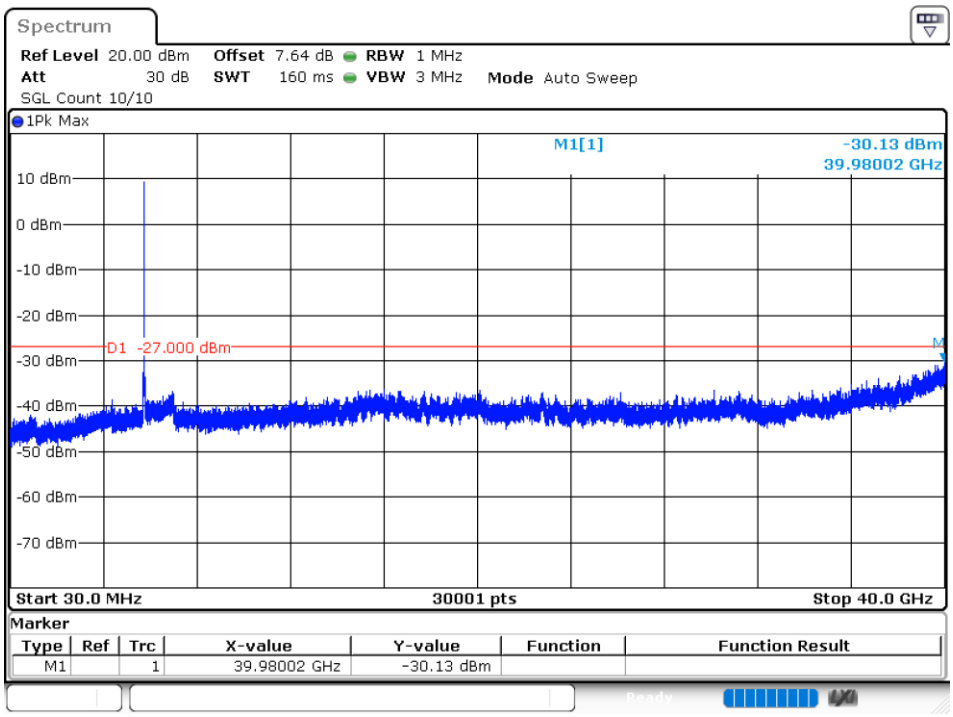
Tx. Spurious NVNT a 5785MHz Ant1 Emission



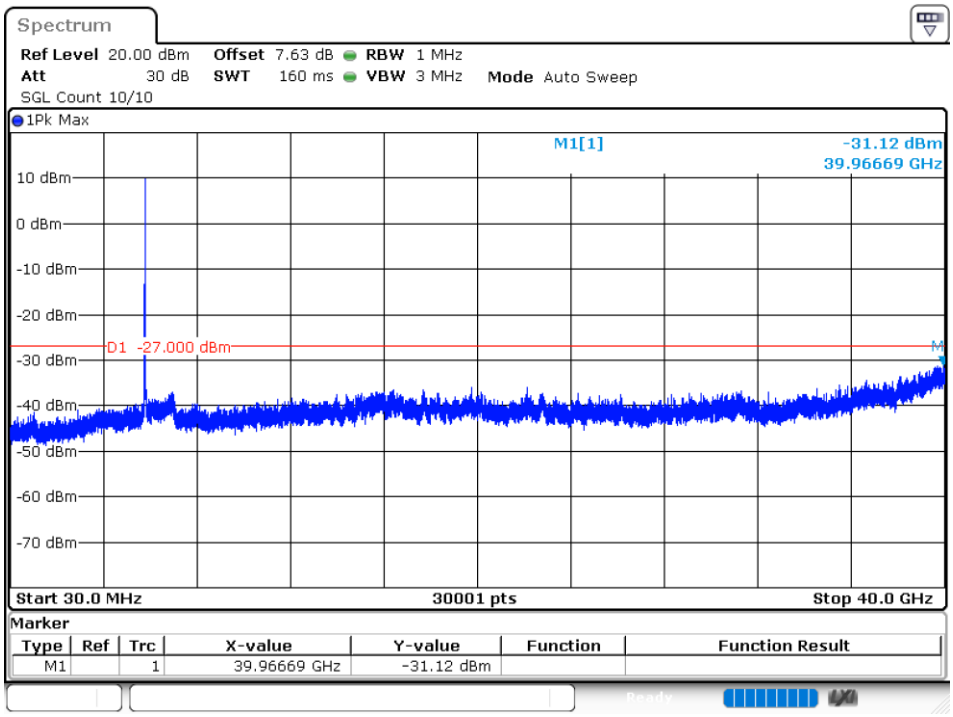
Tx. Spurious NVNT a 5825MHz Ant1 Emission



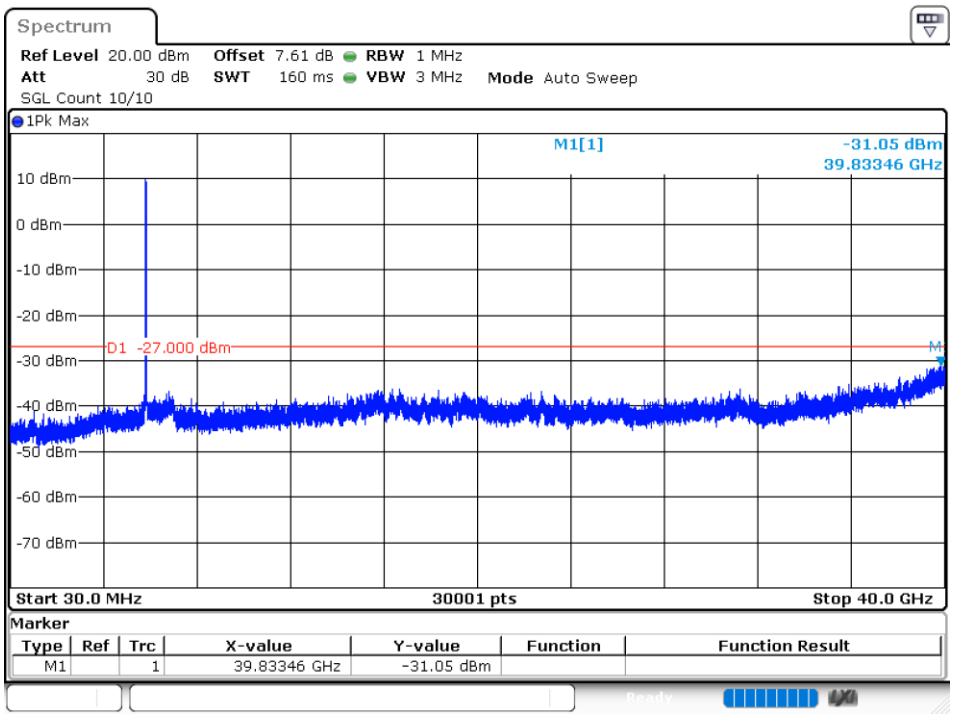
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



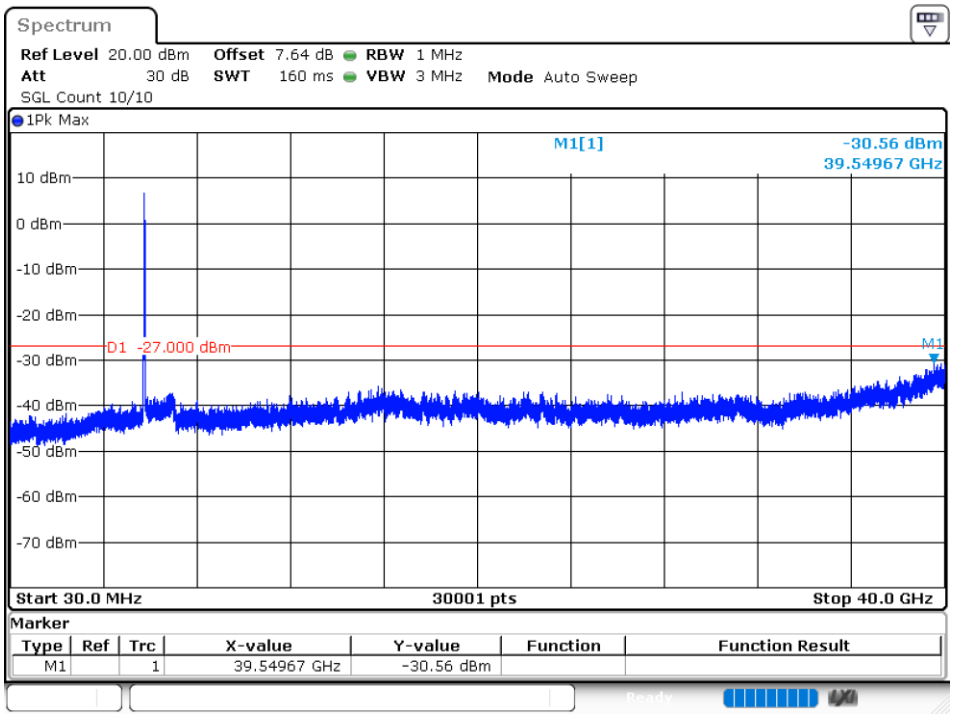
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



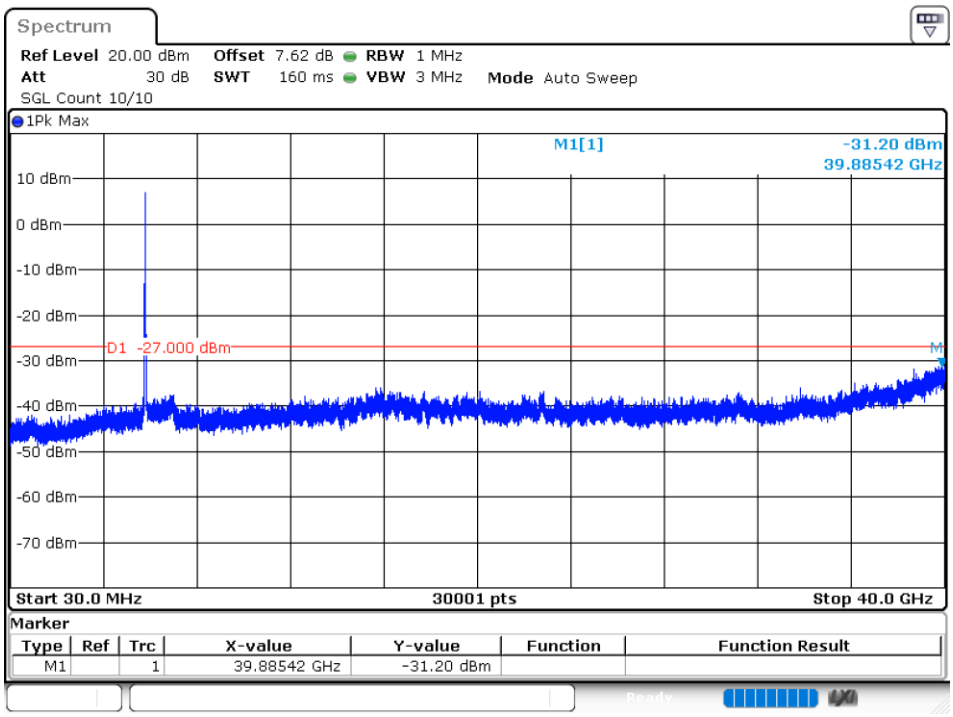
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



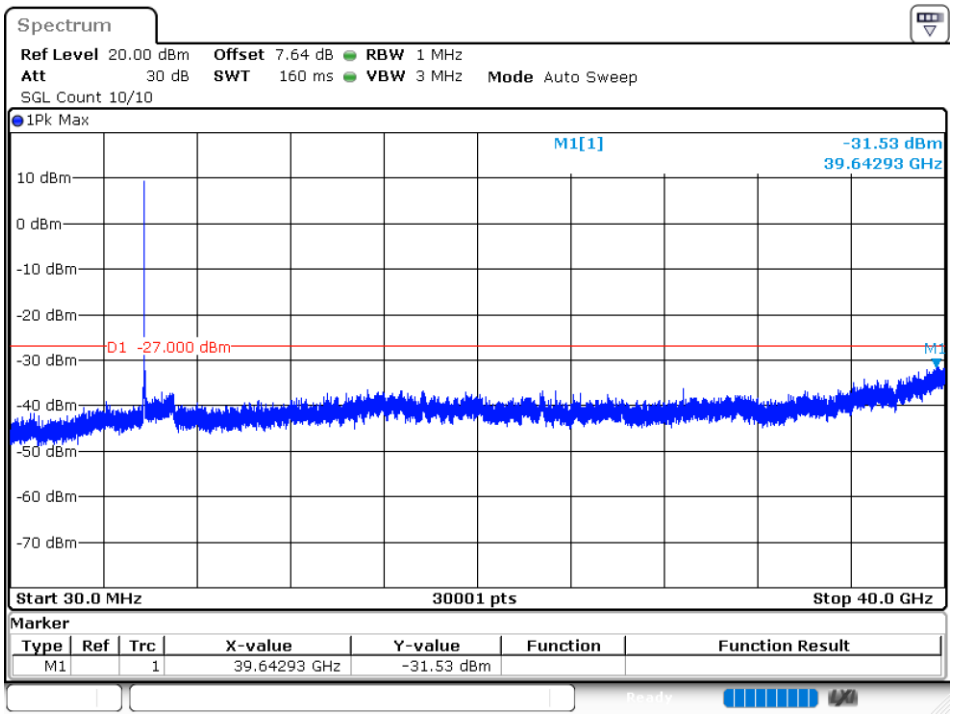
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



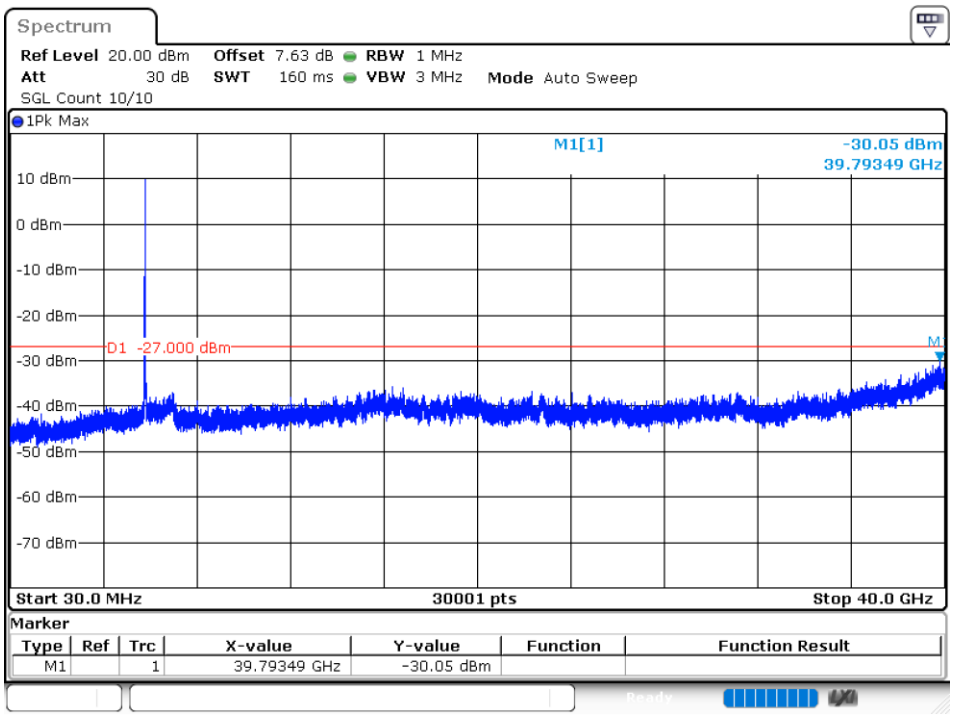
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



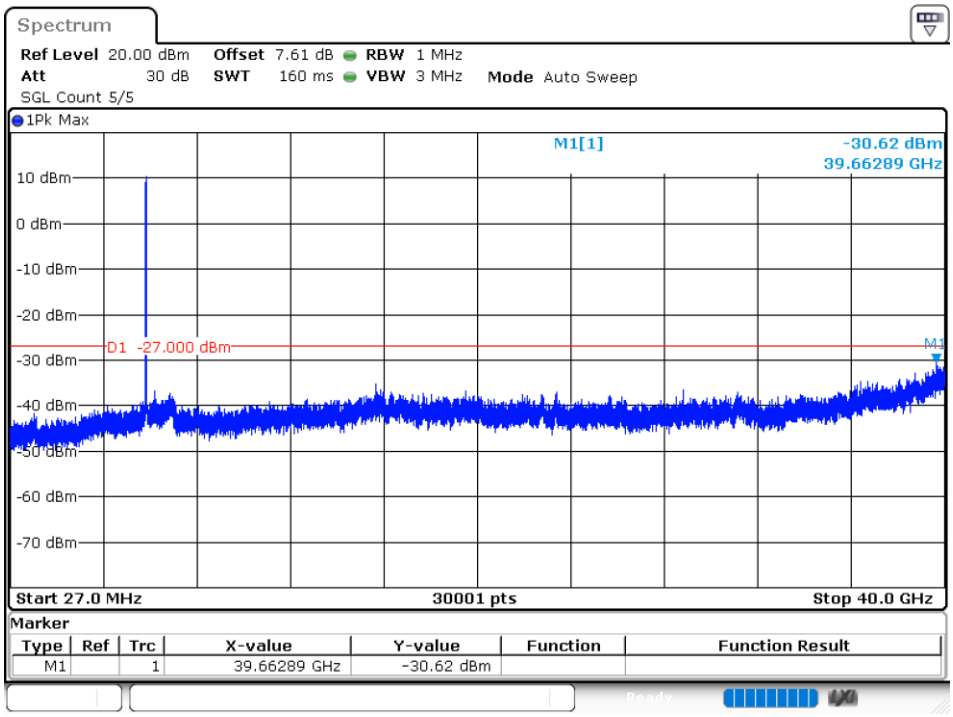
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



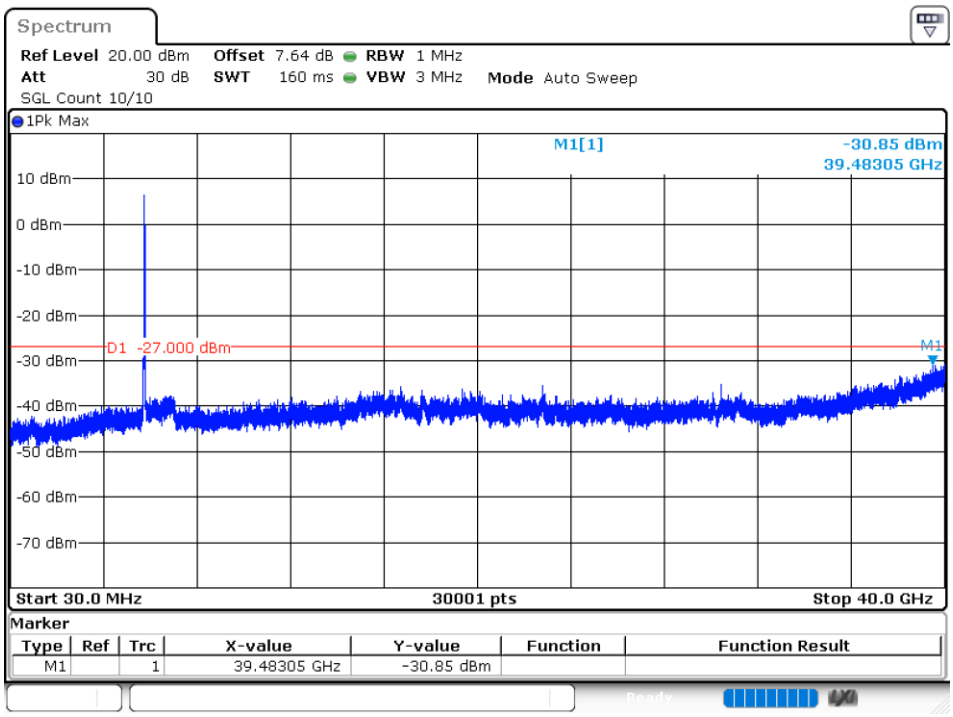
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



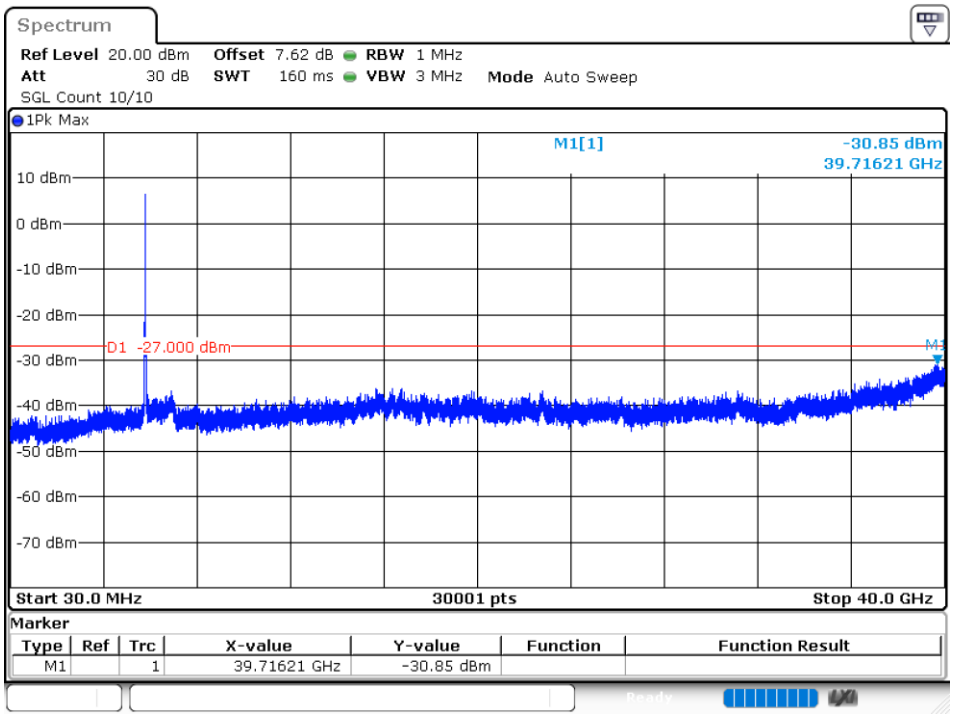
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



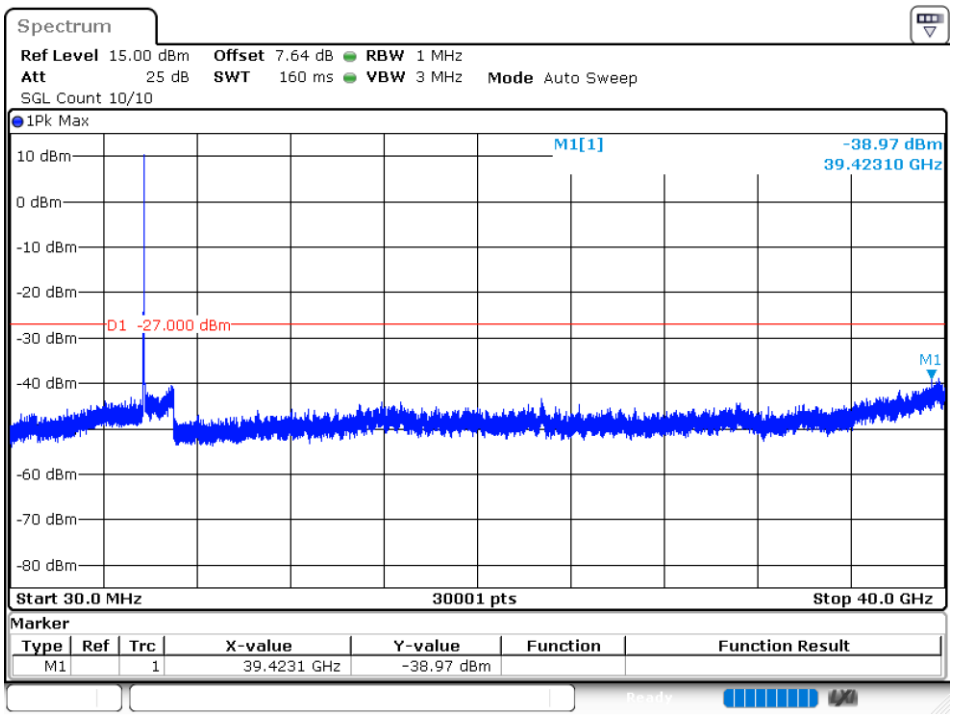
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



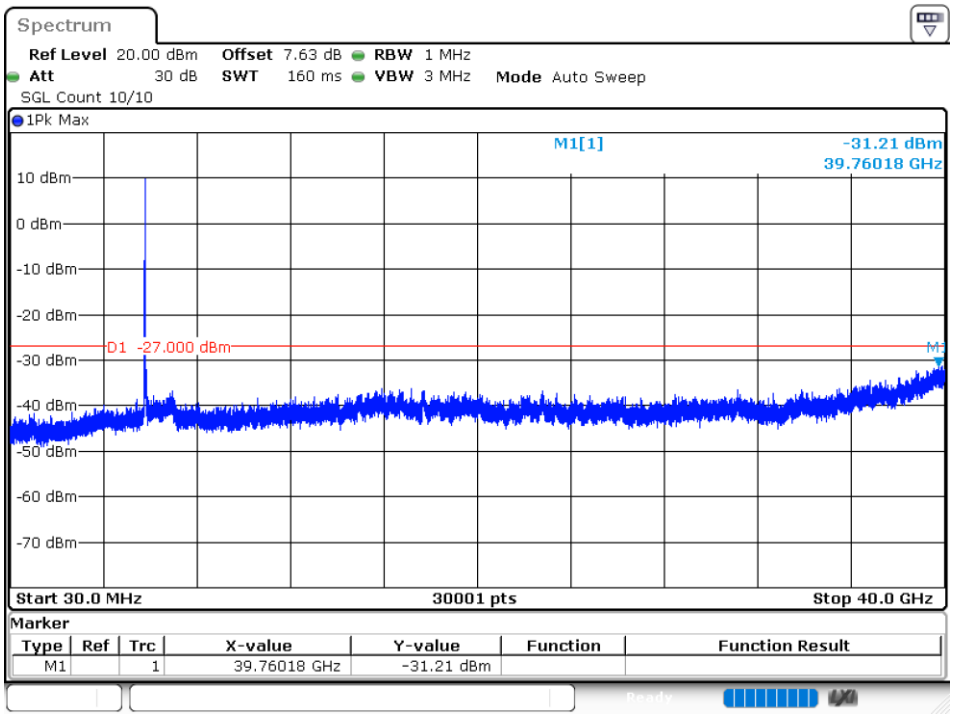
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



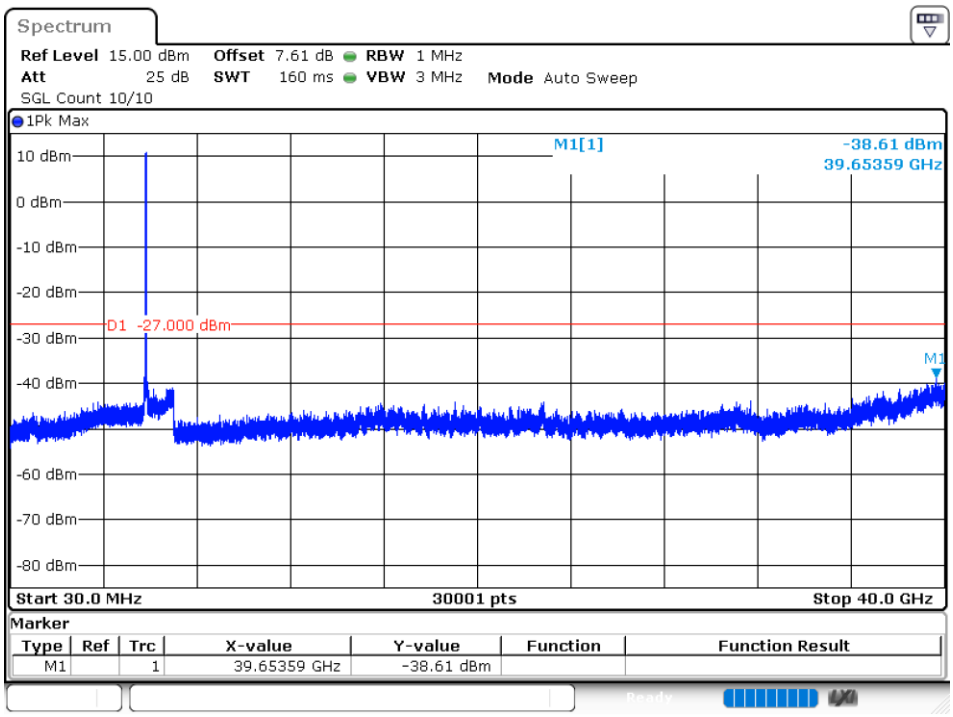
Tx. Spurious NVNT ax20 5745MHz Ant1 Emission



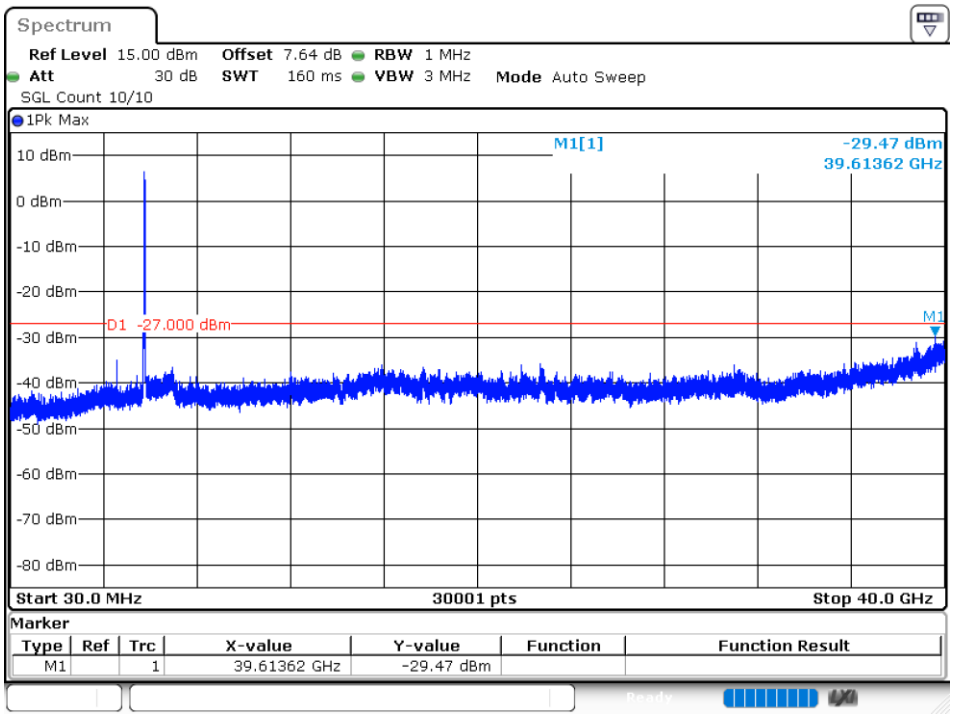
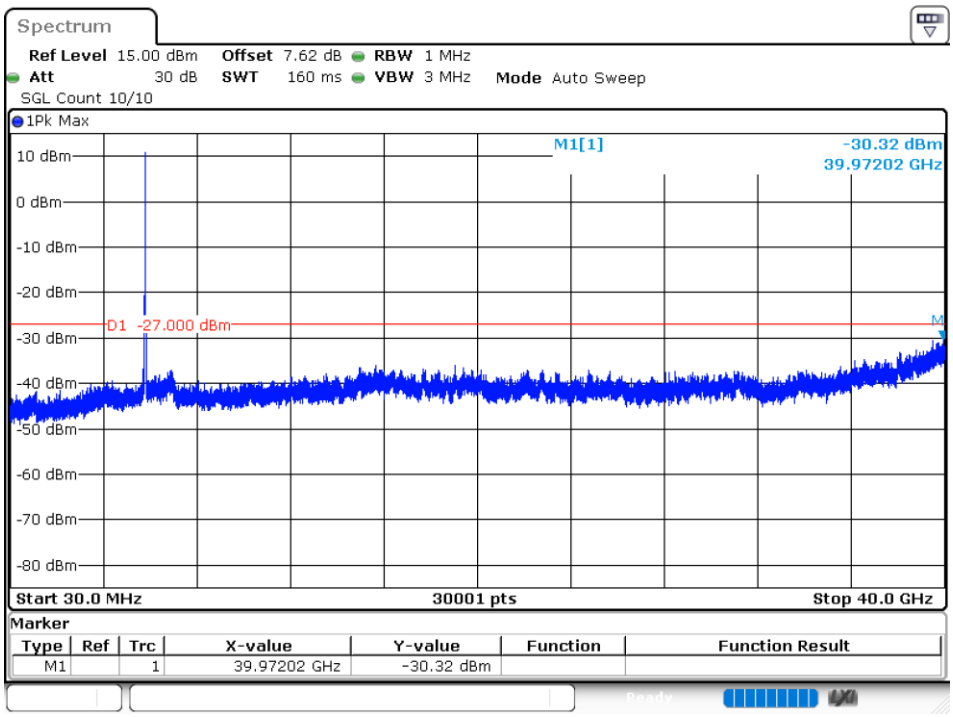
Tx. Spurious NVNT ax20 5785MHz Ant1 Emission



Tx. Spurious NVNT ax20 5825MHz Ant1 Emission



Tx. Spurious NVNT ax40 5755MHz Ant1 Emission



Tx. Spurious NVNT ax40 5795MHz Ant1 Emission