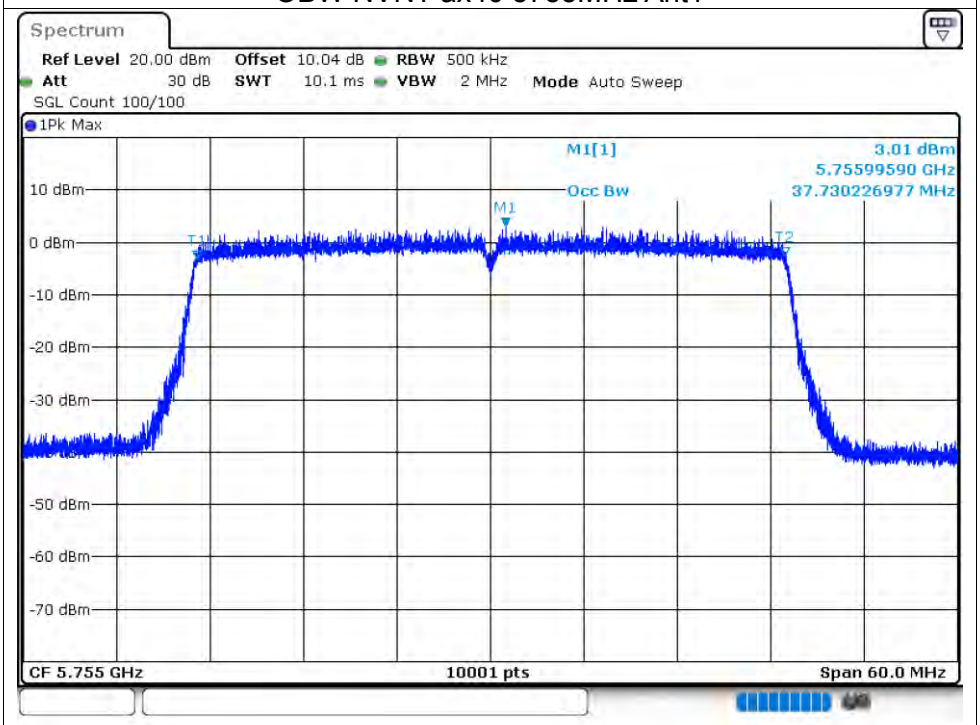
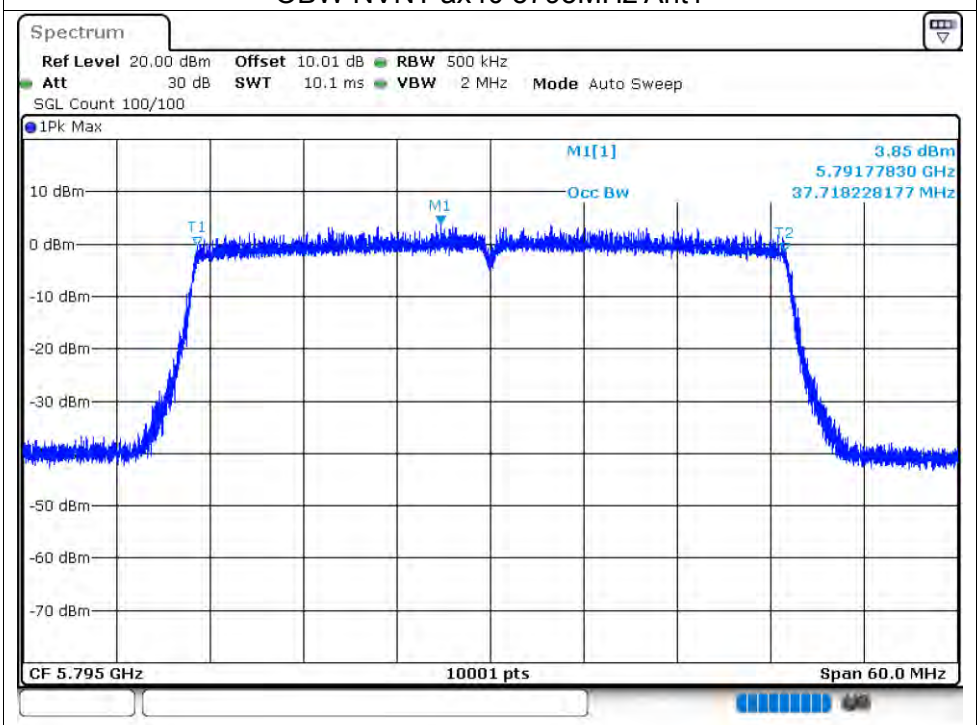
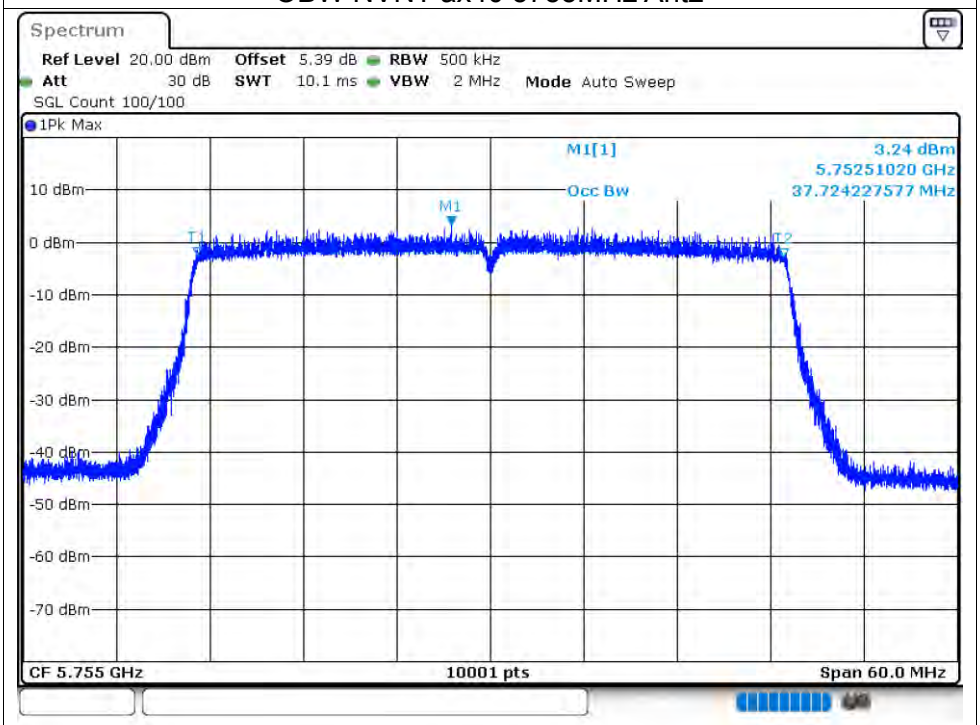
OBW NVNT ax40 5755MHz Ant1



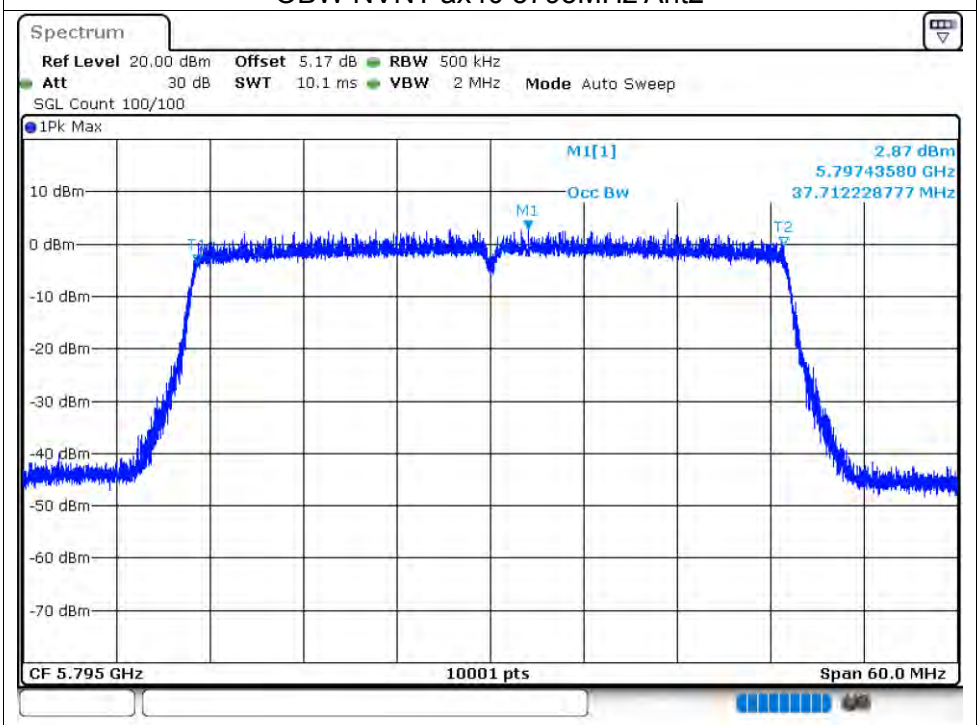
OBW NVNT ax40 5795MHz Ant1



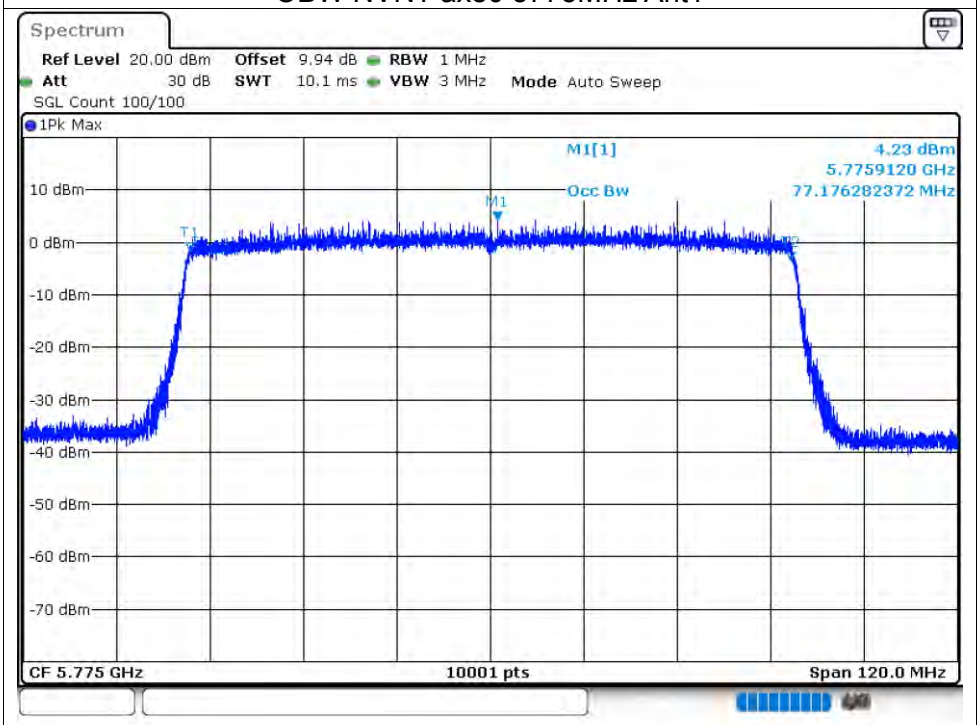
OBW NVNT ax40 5755MHz Ant2



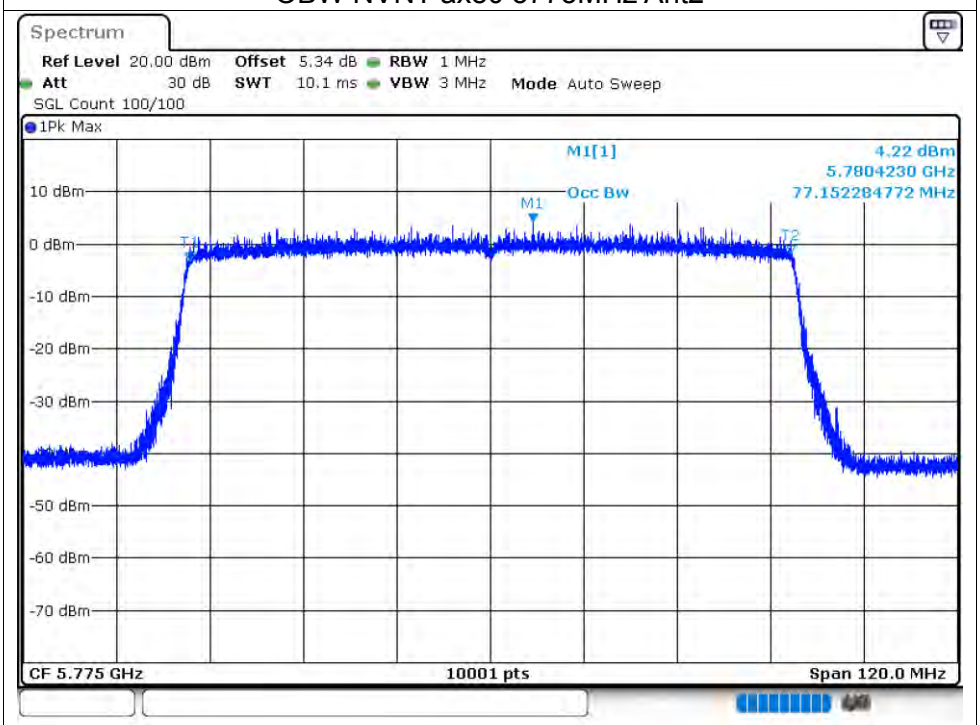
OBW NVNT ax40 5795MHz Ant2



OBW NVNT ax80 5775MHz Ant1



OBW NVNT ax80 5775MHz Ant2

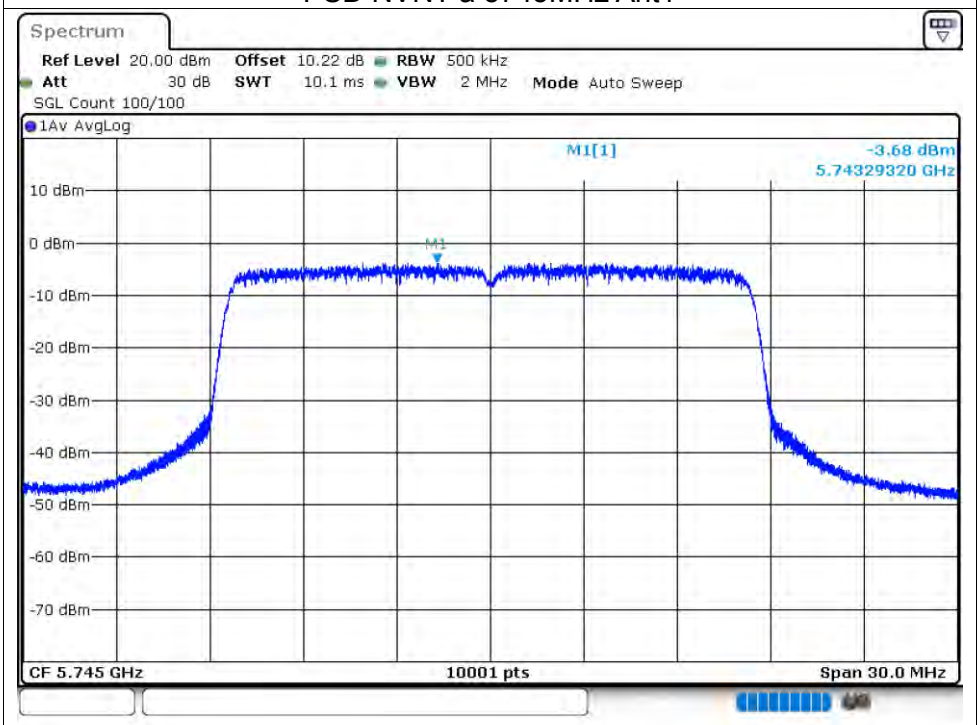


7.4.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

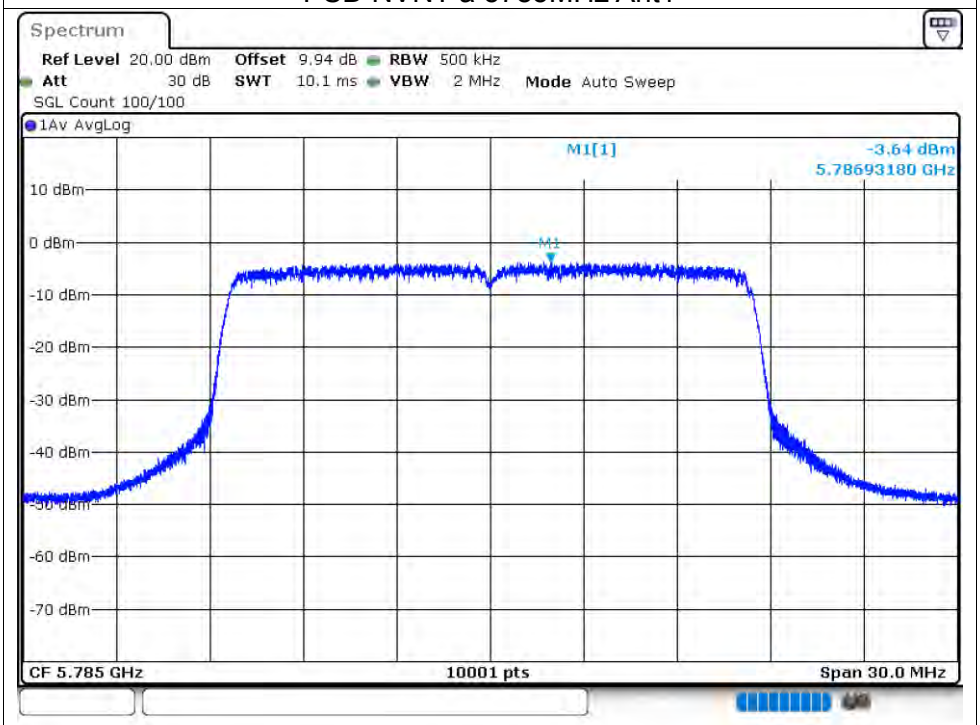
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-3.68	-	30	Pass
NVNT	a	5785	Ant1	-3.64	-	30	Pass
NVNT	a	5825	Ant1	-4.44	-	30	Pass
NVNT	a	5745	Ant2	-4.79	-	30	Pass
NVNT	a	5785	Ant2	-4.66	-	30	Pass
NVNT	a	5825	Ant2	-5.19	-	30	Pass
NVNT	n20	5745	Ant1	-3.86	-1.19	30	Pass
NVNT	n20	5745	Ant2	-4.57			
NVNT	n20	5785	Ant1	-3.77	-1.31	30	Pass
NVNT	n20	5785	Ant2	-4.98			
NVNT	n20	5825	Ant1	-4.64	-2.08	30	Pass
NVNT	n20	5825	Ant2	-5.59			
NVNT	n40	5755	Ant1	-8.13	-5.23	30	Pass
NVNT	n40	5755	Ant2	-8.22			
NVNT	n40	5795	Ant1	-7.43	-4.81	30	Pass
NVNT	n40	5795	Ant2	-8.18			
NVNT	ac20	5745	Ant1	-4.06	-1.25	30	Pass
NVNT	ac20	5745	Ant2	-4.47			
NVNT	ac20	5785	Ant1	-4.12	-1.49	30	Pass
NVNT	ac20	5785	Ant2	-4.93			
NVNT	ac20	5825	Ant1	-4.83	-2.22	30	Pass
NVNT	ac20	5825	Ant2	-5.73			
NVNT	ac40	5755	Ant1	-8.2	-5.23	30	Pass
NVNT	ac40	5755	Ant2	-8.22			
NVNT	ac40	5795	Ant1	-7.37	-4.81	30	Pass
NVNT	ac40	5795	Ant2	-8.19			
NVNT	ac80	5775	Ant1	-10.8	-8.24	30	Pass
NVNT	ac80	5775	Ant2	-11.5			
NVNT	ax20	5745	Ant1	-4.4	-1.61	30	Pass
NVNT	ax20	5745	Ant2	-4.82			
NVNT	ax20	5785	Ant1	-4.3	-1.74	30	Pass
NVNT	ax20	5785	Ant2	-5.17			
NVNT	ax20	5825	Ant1	-5.07	-2.44	30	Pass
NVNT	ax20	5825	Ant2	-5.9			
NVNT	ax40	5755	Ant1	-8.59	-5.69	30	Pass
NVNT	ax40	5755	Ant2	-8.82			
NVNT	ax40	5795	Ant1	-8.12	-5.53	30	Pass
NVNT	ax40	5795	Ant2	-8.73			
NVNT	ax80	5775	Ant1	-10.89	-8.24	30	Pass
NVNT	ax80	5775	Ant2	-11.61			

Test Graphs

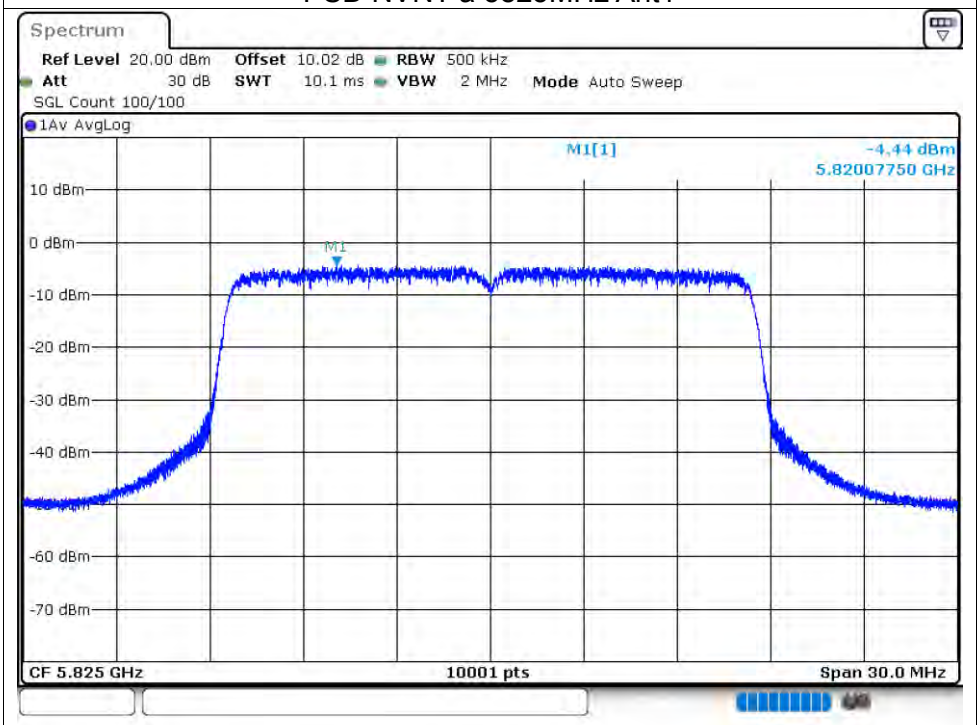
PSD NVNT a 5745MHz Ant1



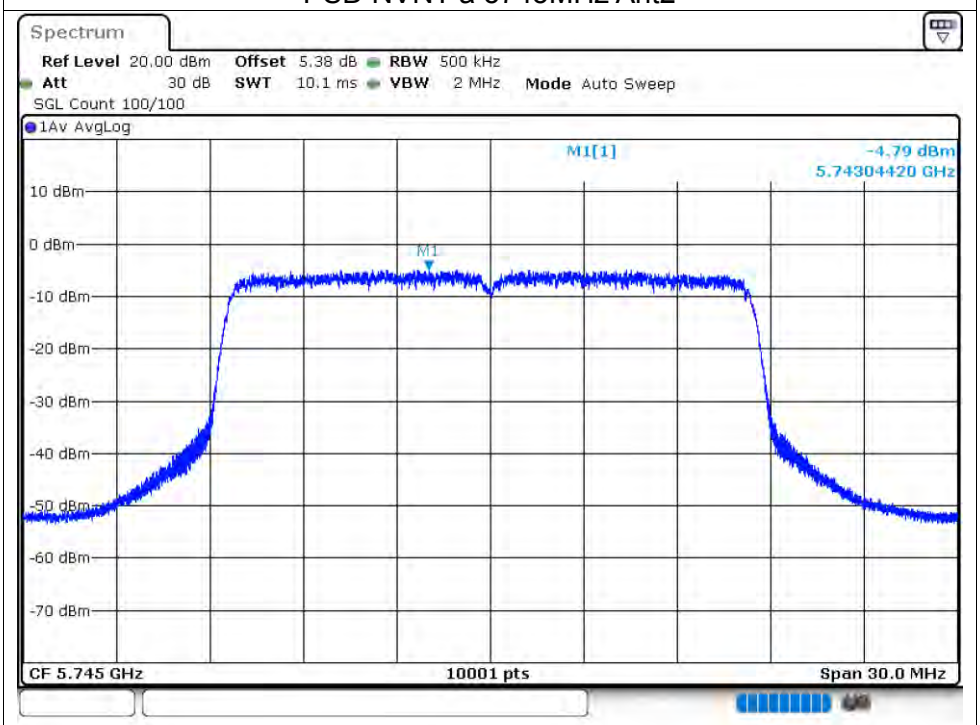
PSD NVNT a 5785MHz Ant1



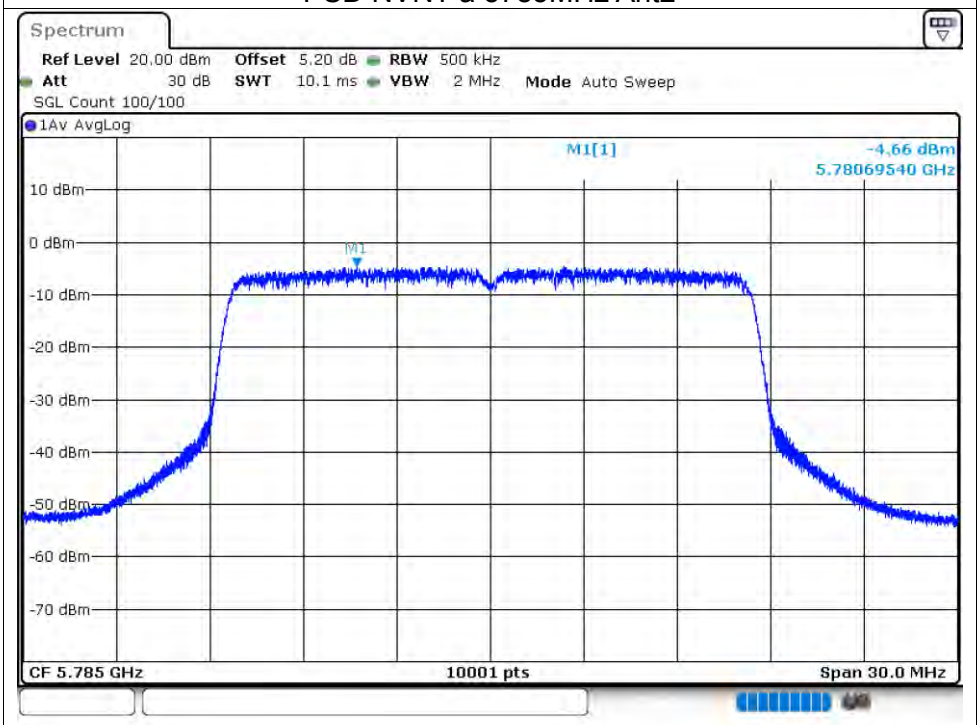
PSD NVNT a 5825MHz Ant1



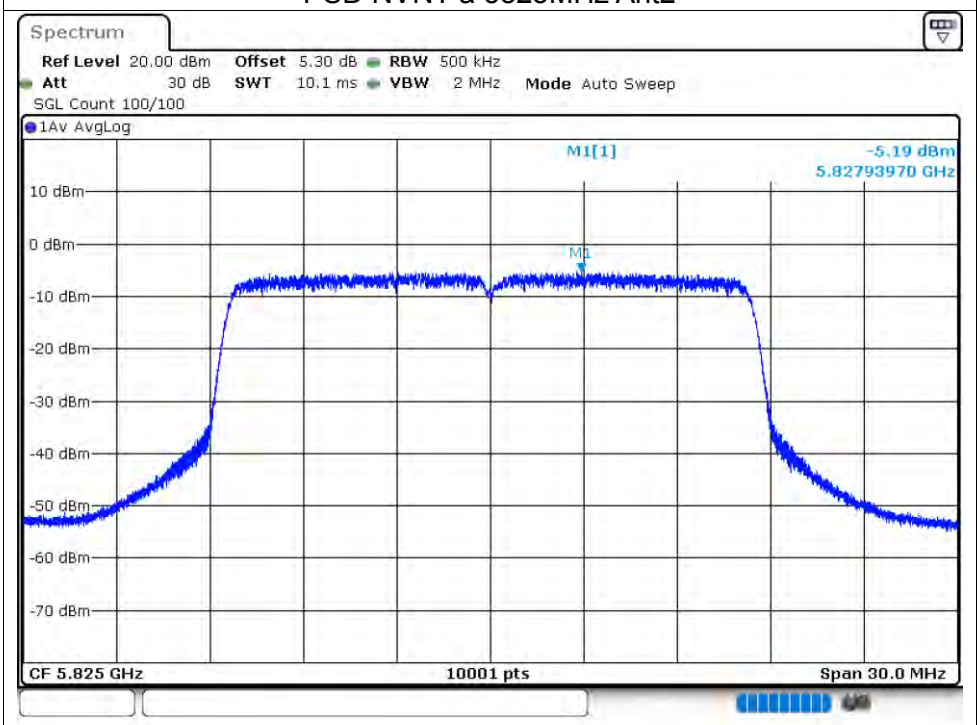
PSD NVNT a 5745MHz Ant2



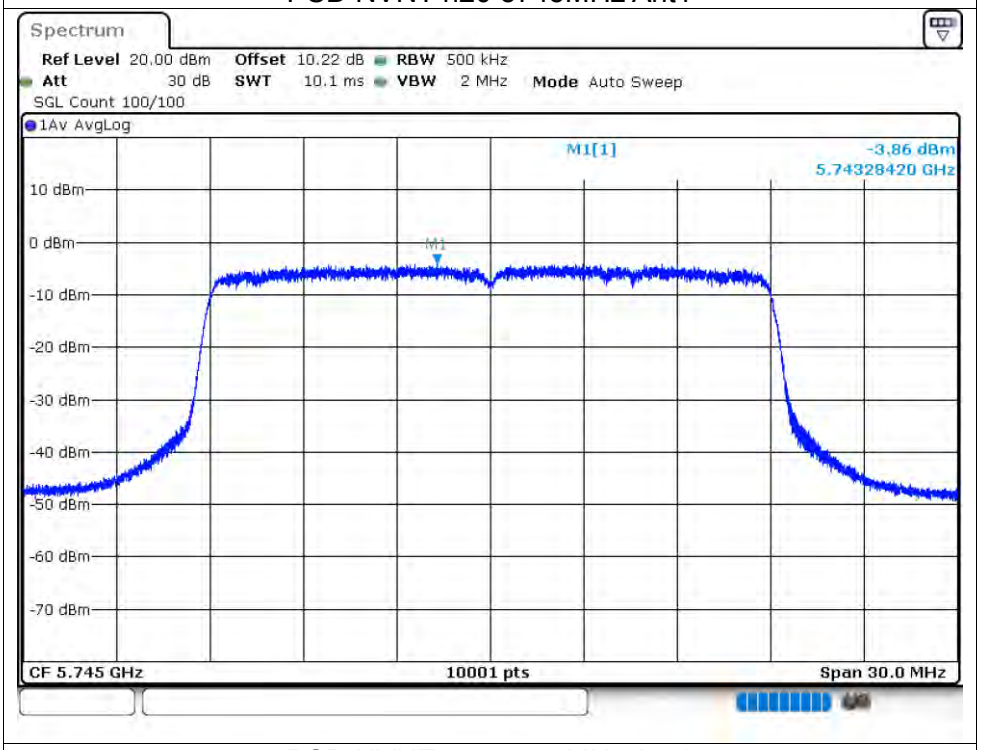
PSD NVNT a 5785MHz Ant2



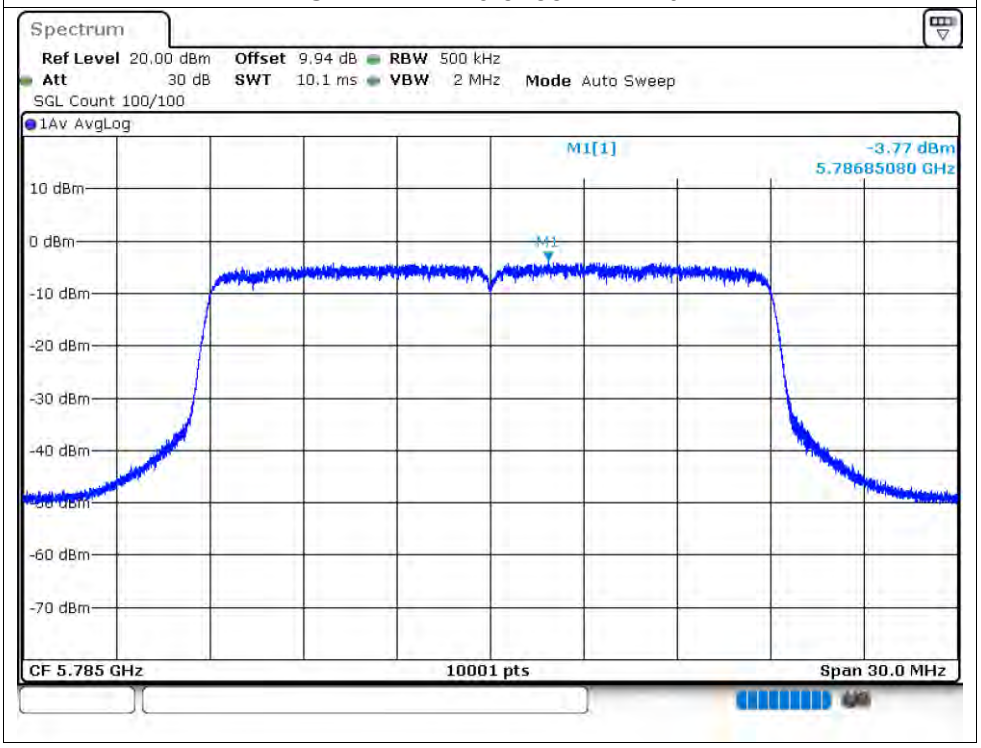
PSD NVNT a 5825MHz Ant2



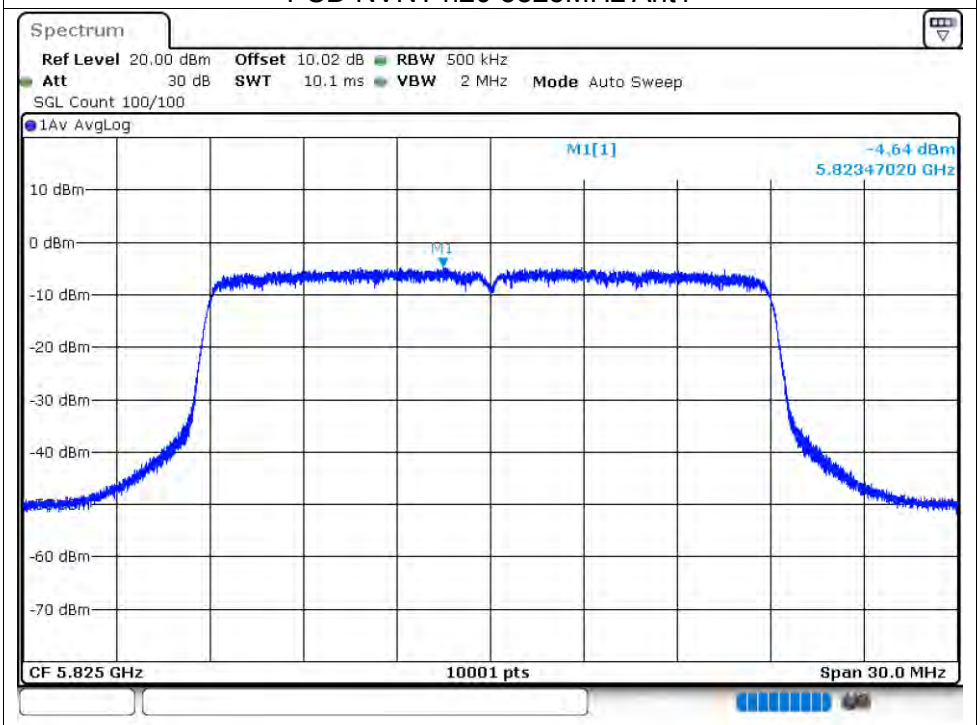
PSD NVNT n20 5745MHz Ant1



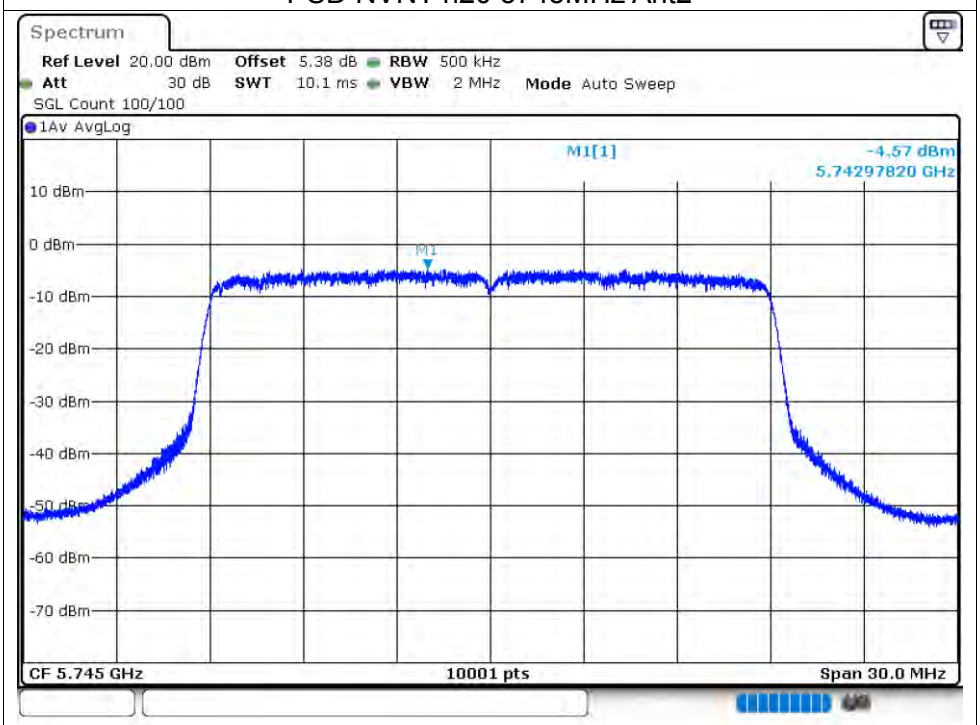
PSD NVNT n20 5785MHz Ant1



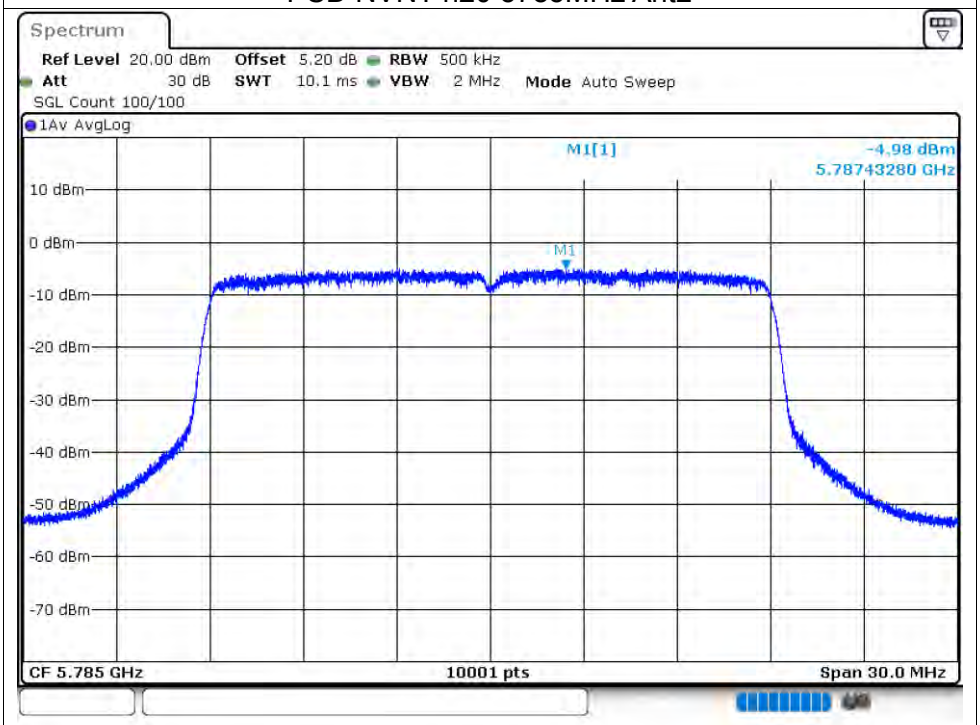
PSD NVNT n20 5825MHz Ant1



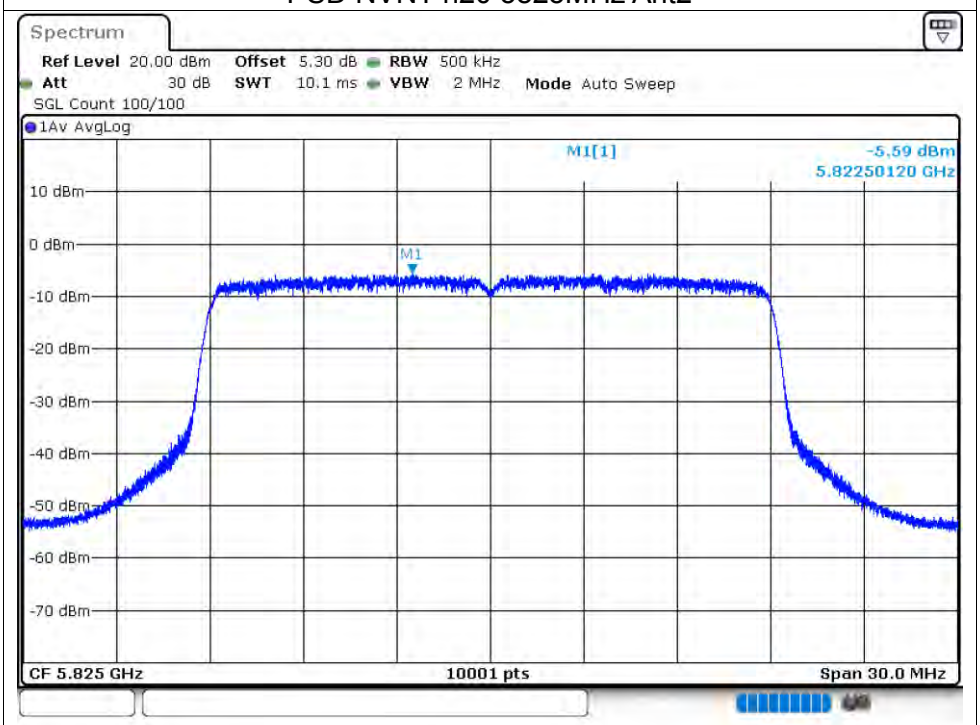
PSD NVNT n20 5745MHz Ant2



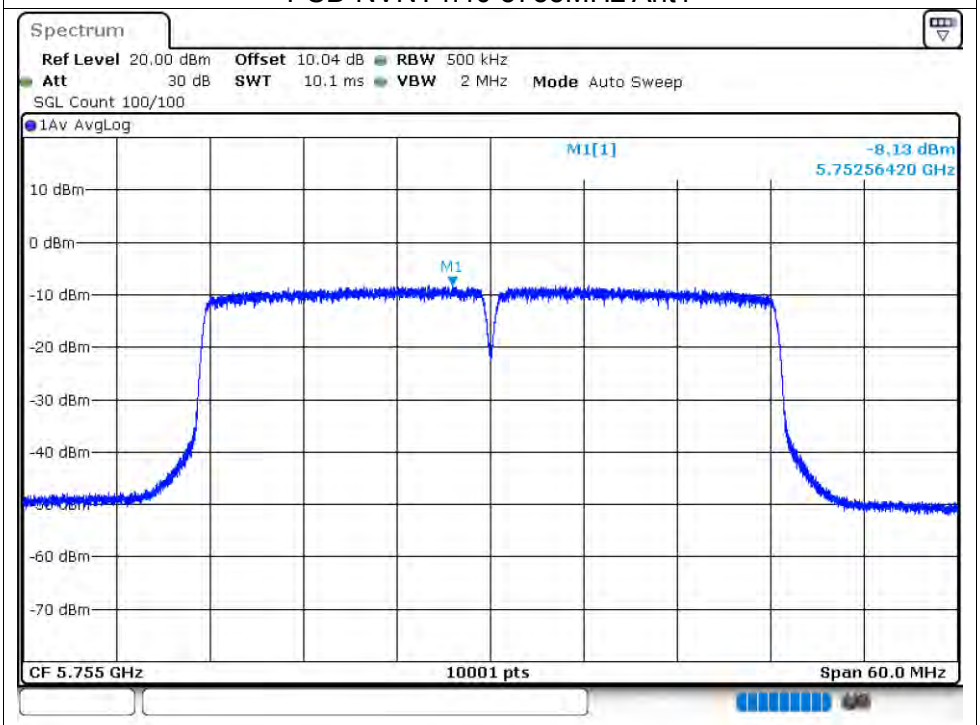
PSD NVNT n20 5785MHz Ant2



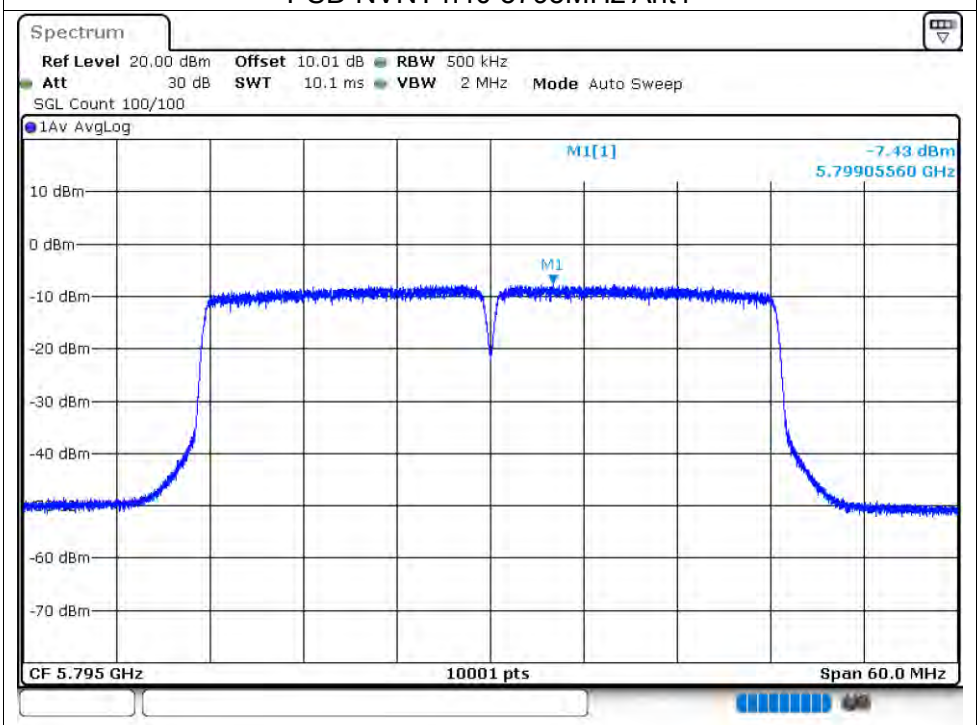
PSD NVNT n20 5825MHz Ant2



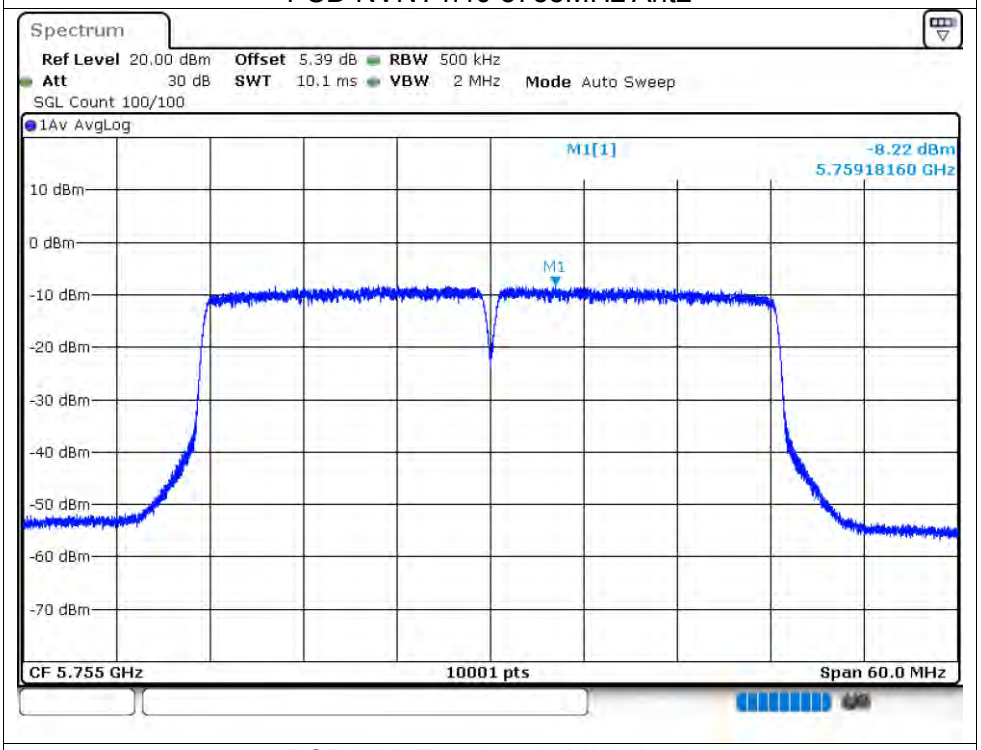
PSD NVNT n40 5755MHz Ant1



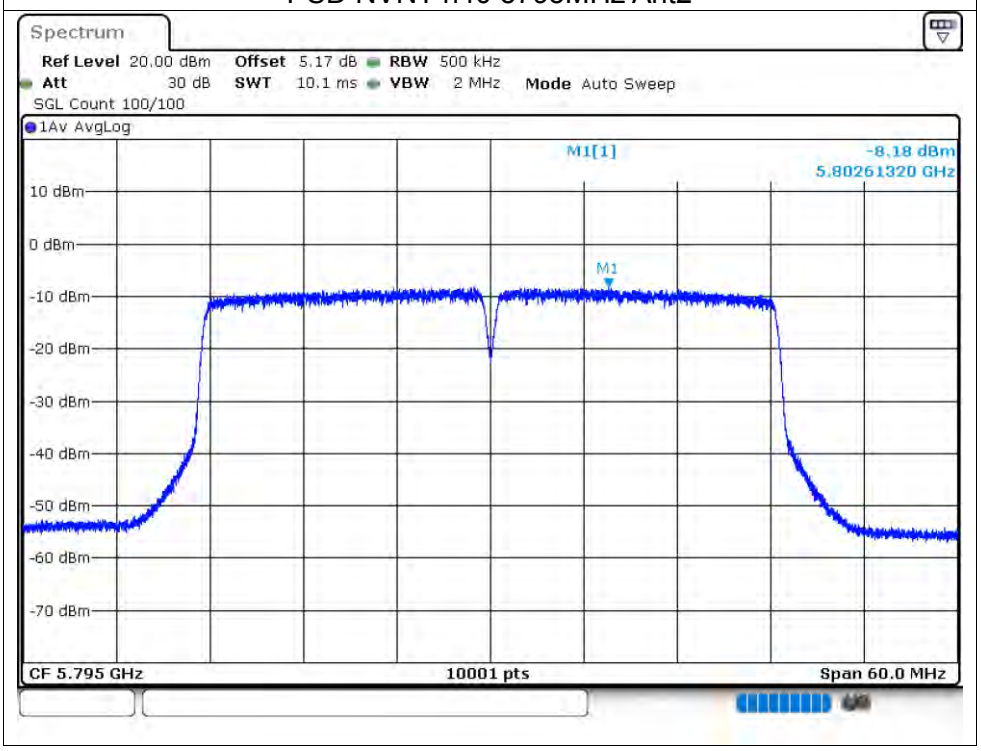
PSD NVNT n40 5795MHz Ant1



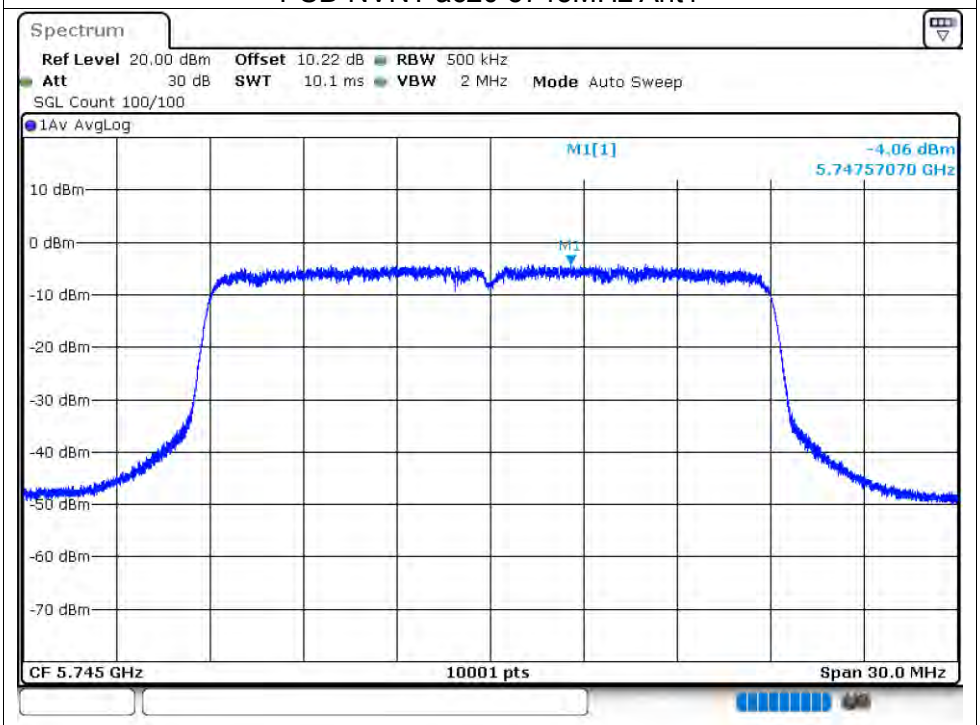
PSD NVNT n40 5755MHz Ant2



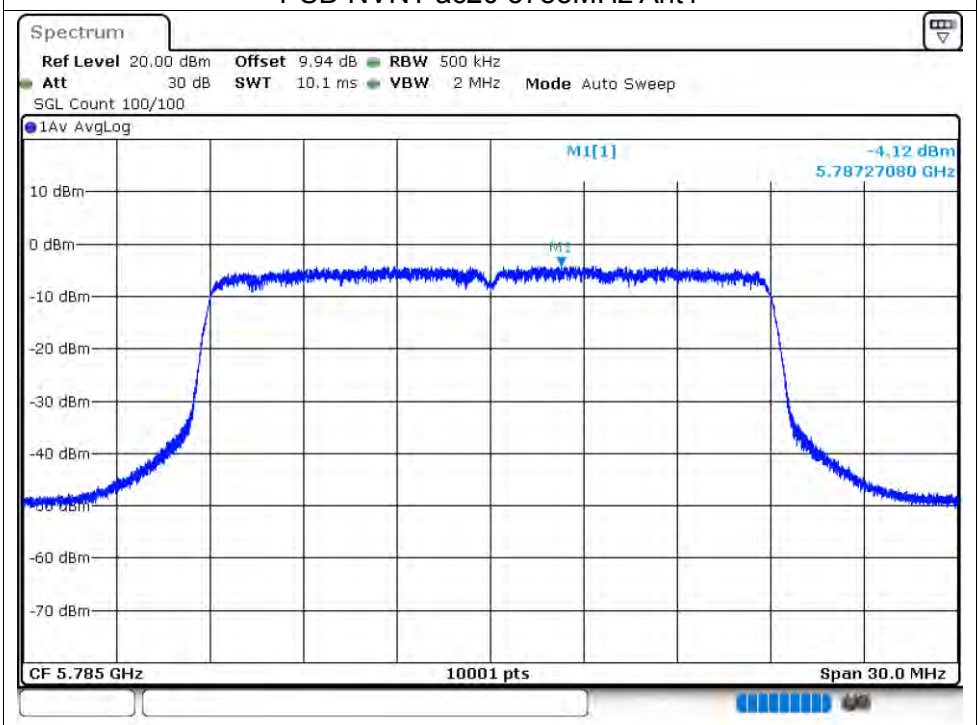
PSD NVNT n40 5795MHz Ant2



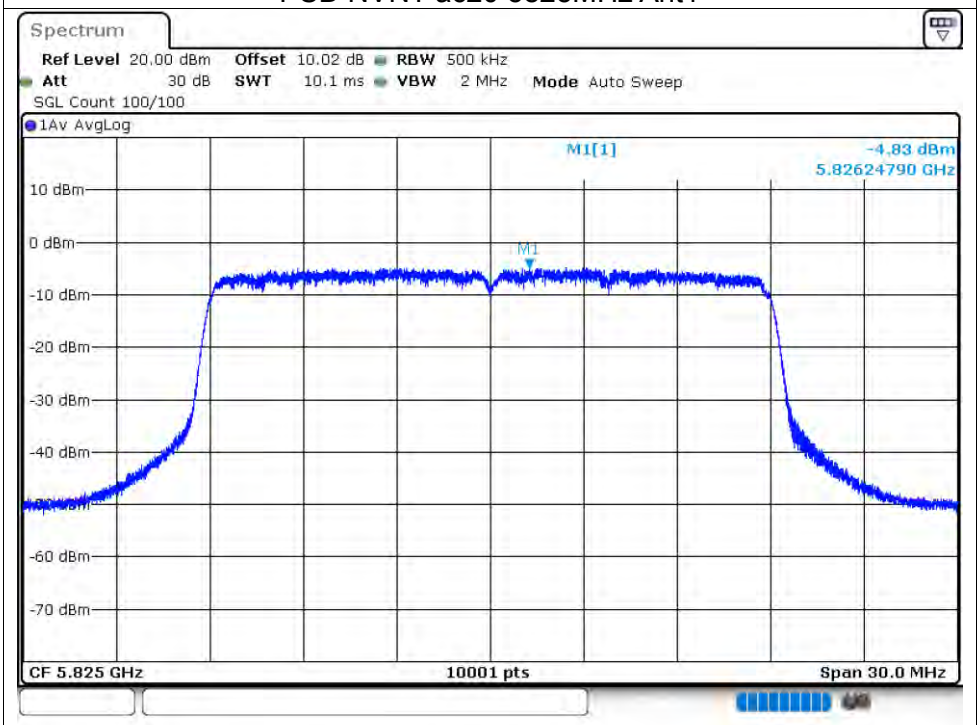
PSD NVNT ac20 5745MHz Ant1



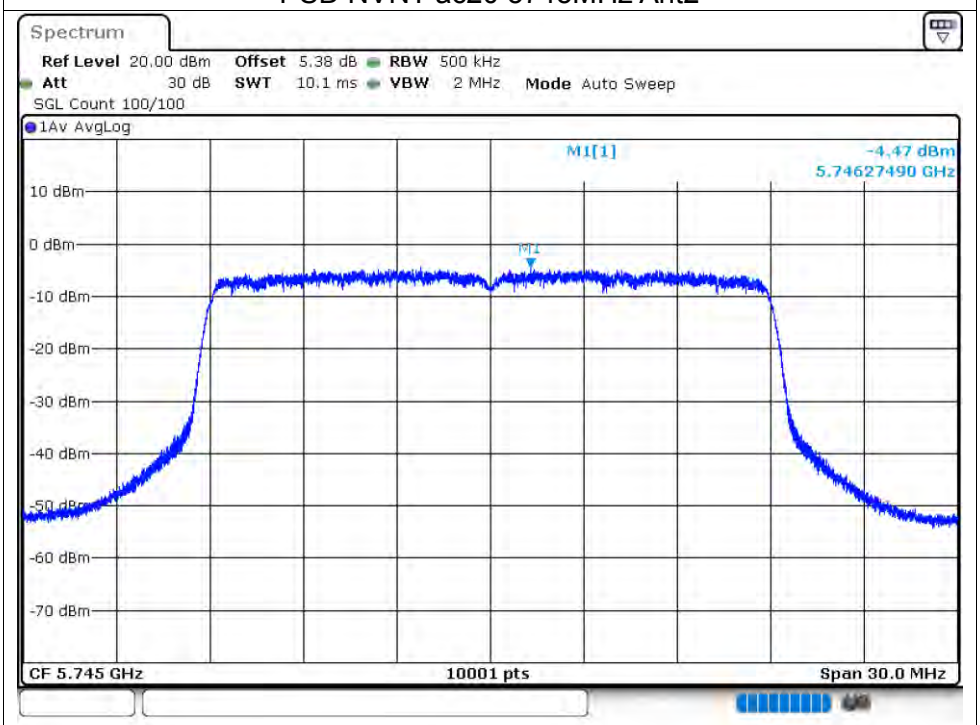
PSD NVNT ac20 5785MHz Ant1



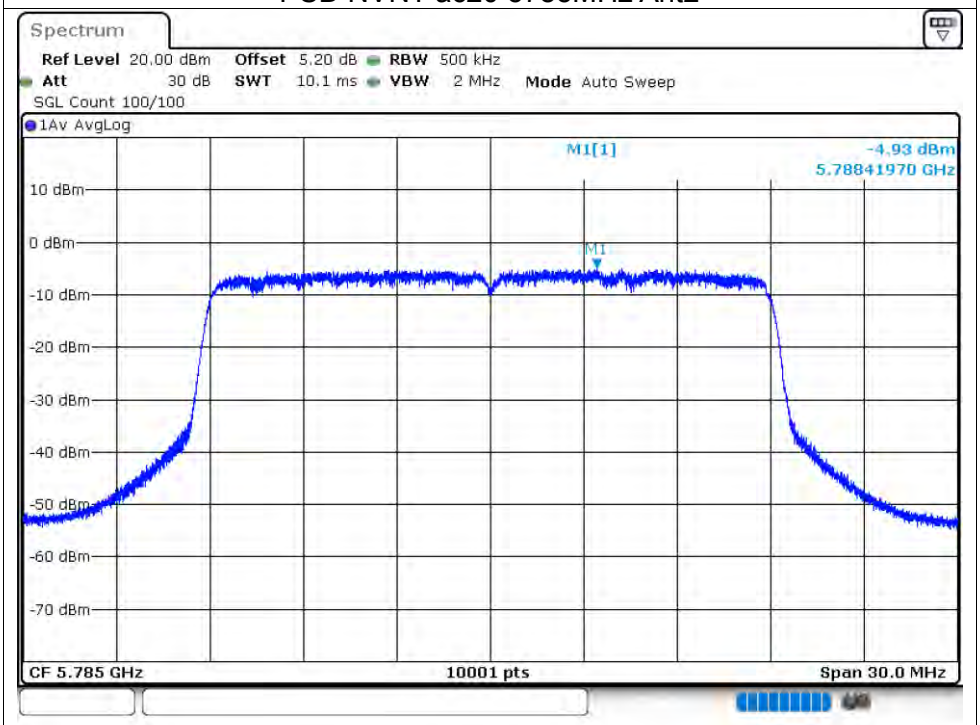
PSD NVNT ac20 5825MHz Ant1



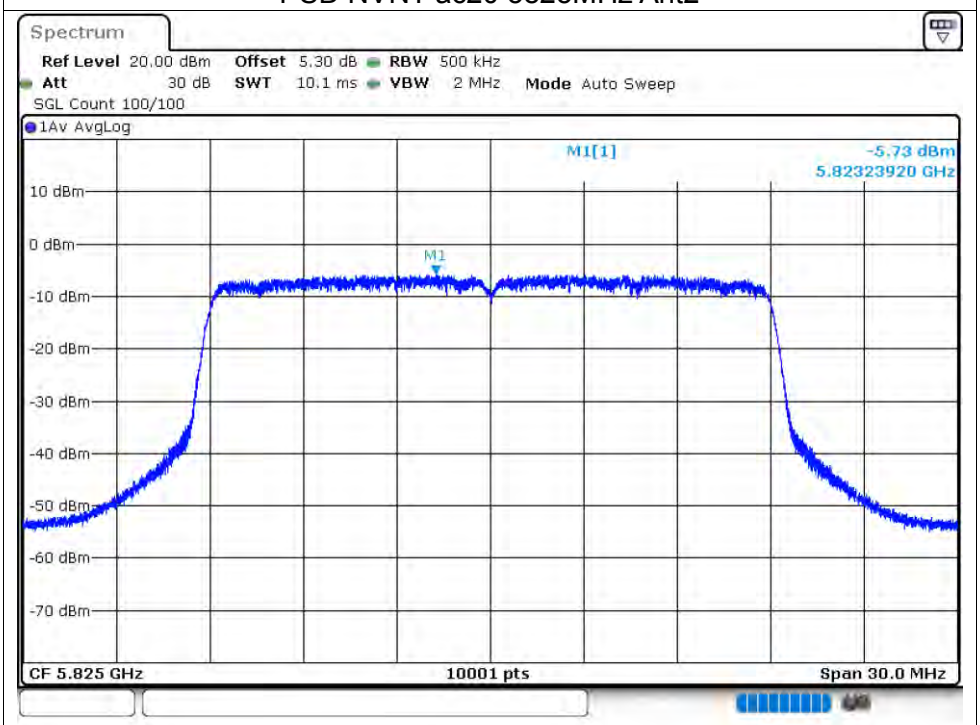
PSD NVNT ac20 5745MHz Ant2



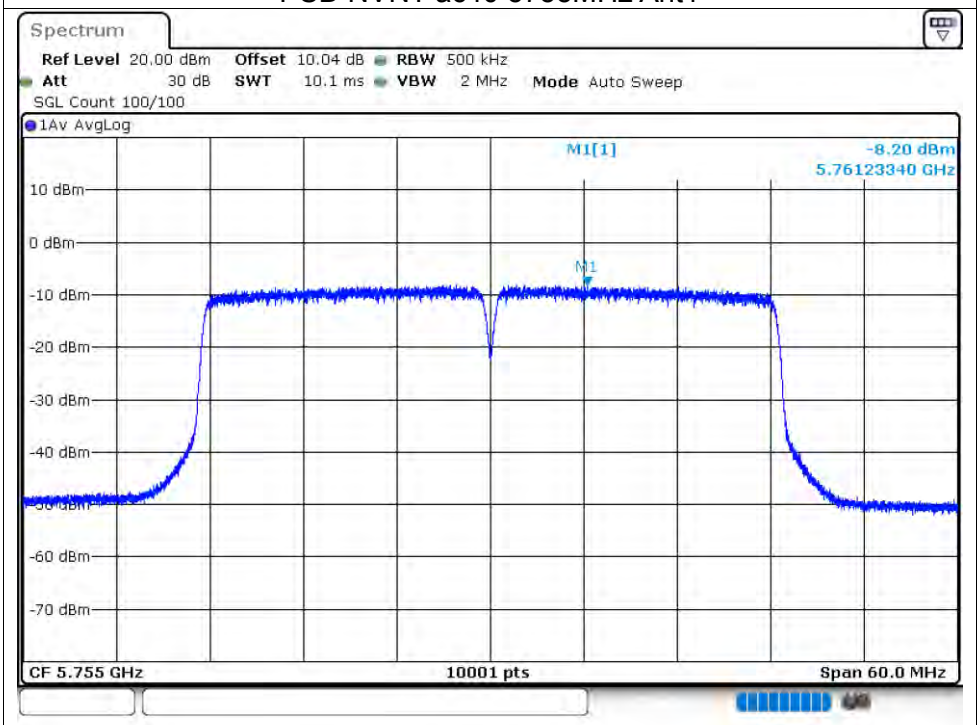
PSD NVNT ac20 5785MHz Ant2



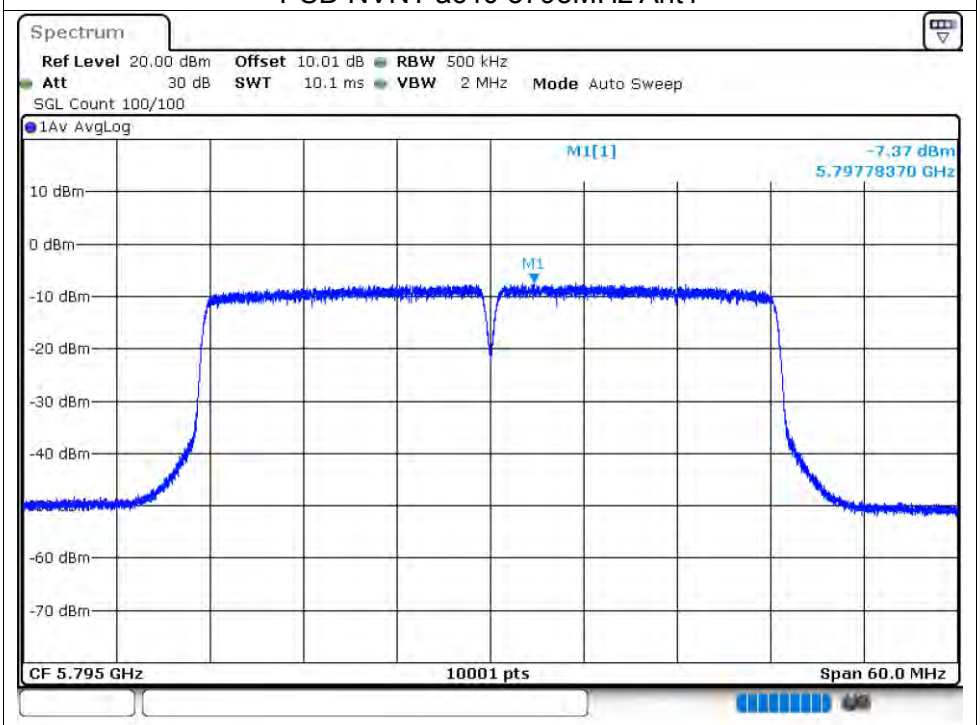
PSD NVNT ac20 5825MHz Ant2



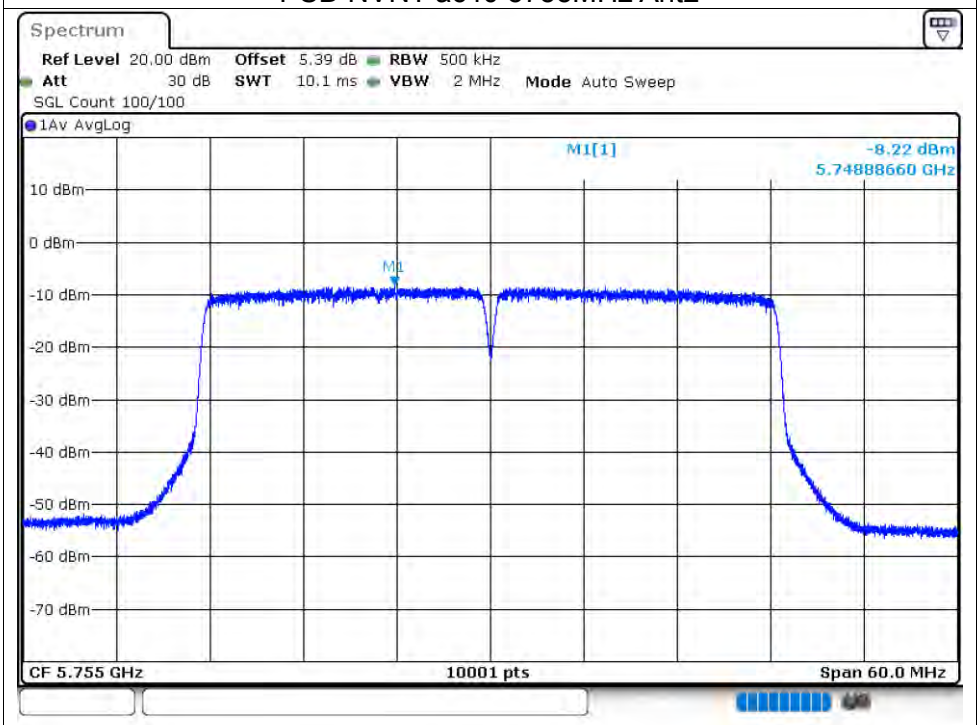
PSD NVNT ac40 5755MHz Ant1



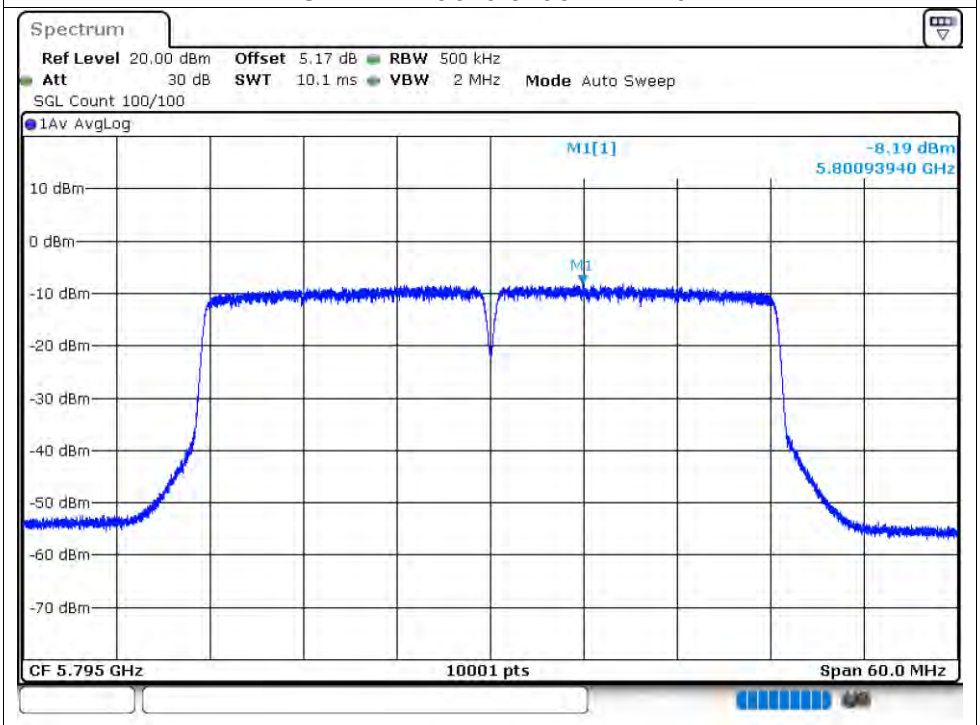
PSD NVNT ac40 5795MHz Ant1



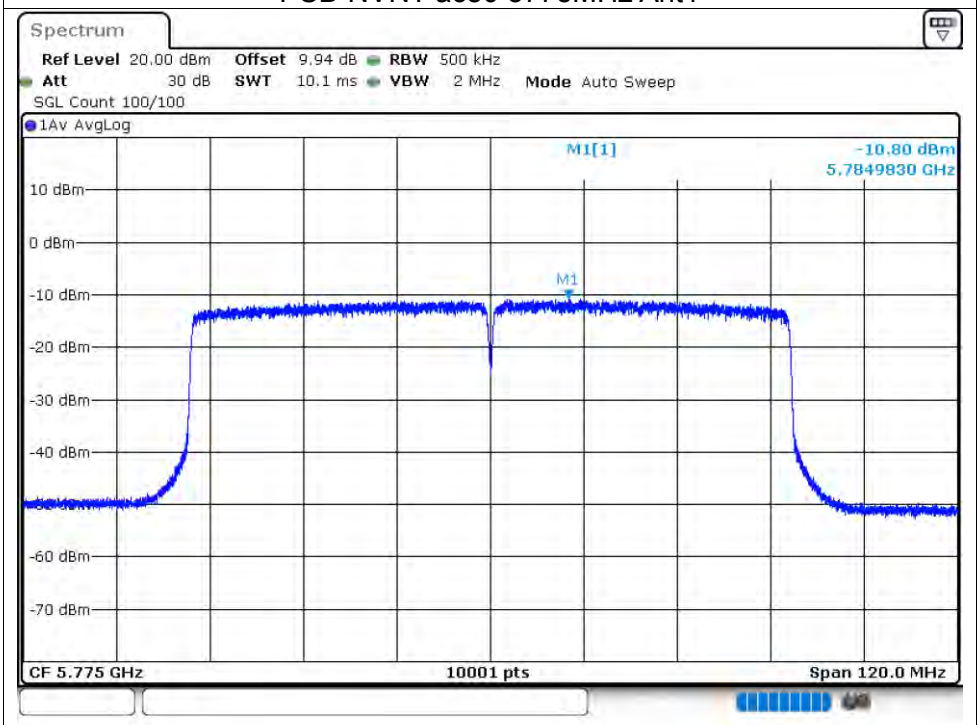
PSD NVNT ac40 5755MHz Ant2



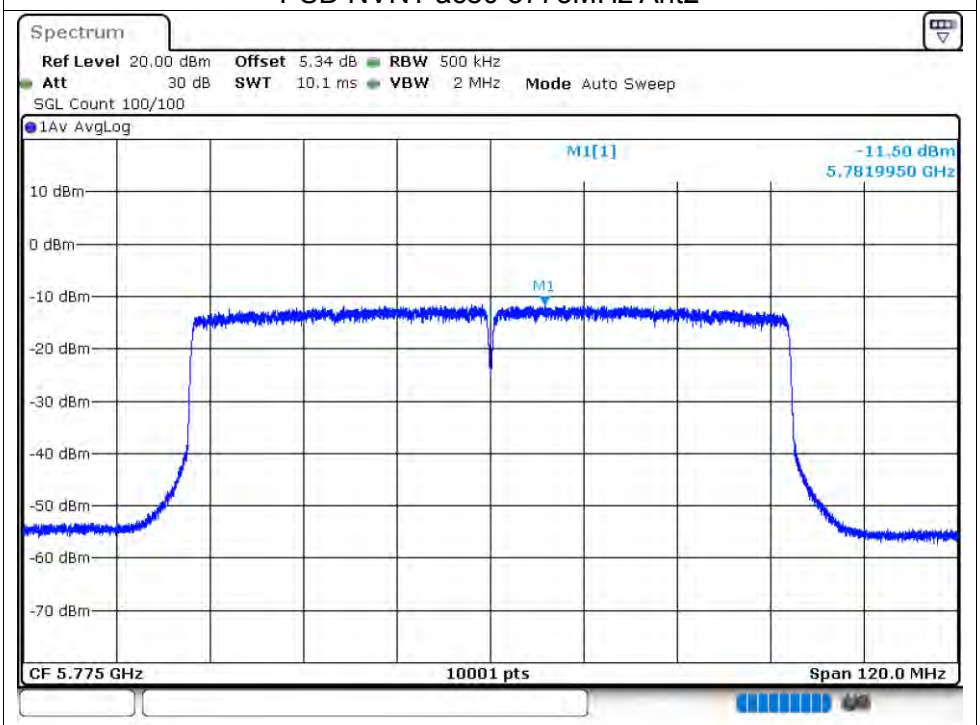
PSD NVNT ac40 5795MHz Ant2



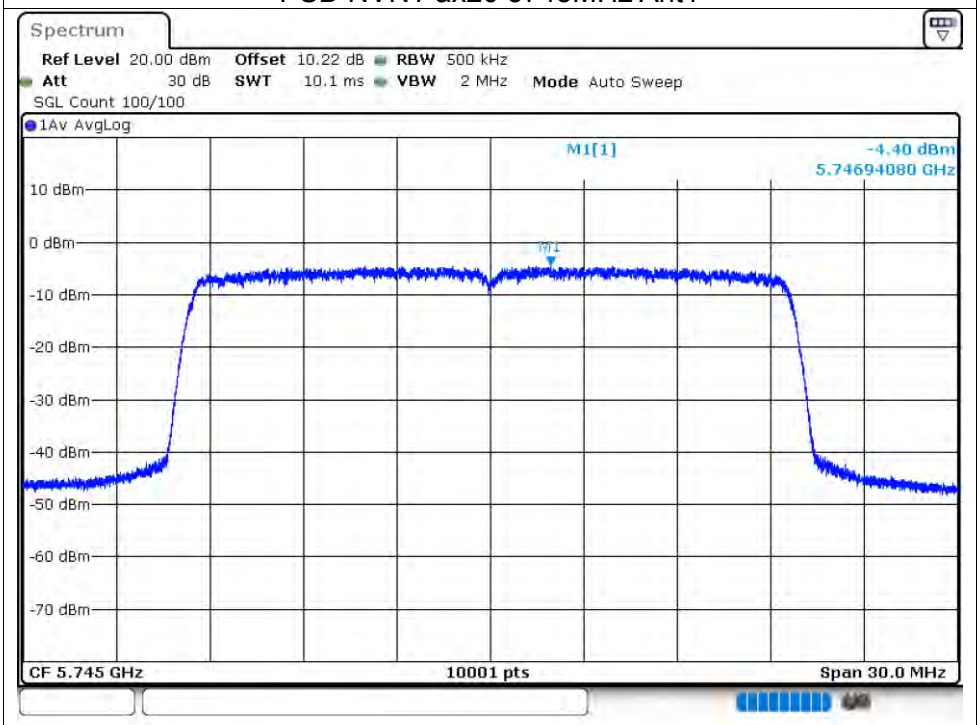
PSD NVNT ac80 5775MHz Ant1



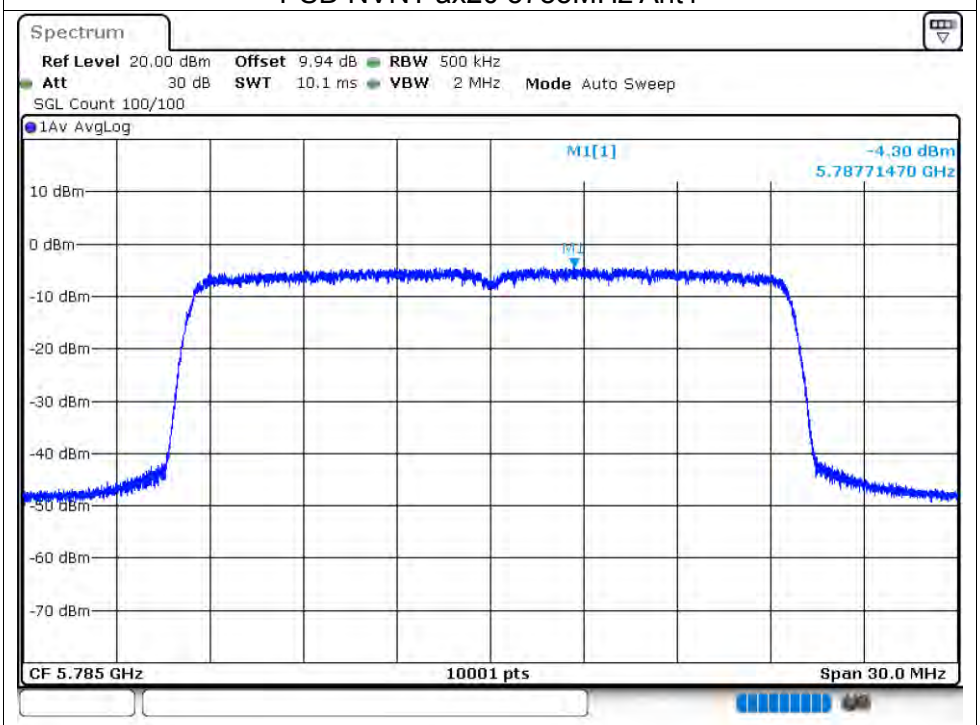
PSD NVNT ac80 5775MHz Ant2



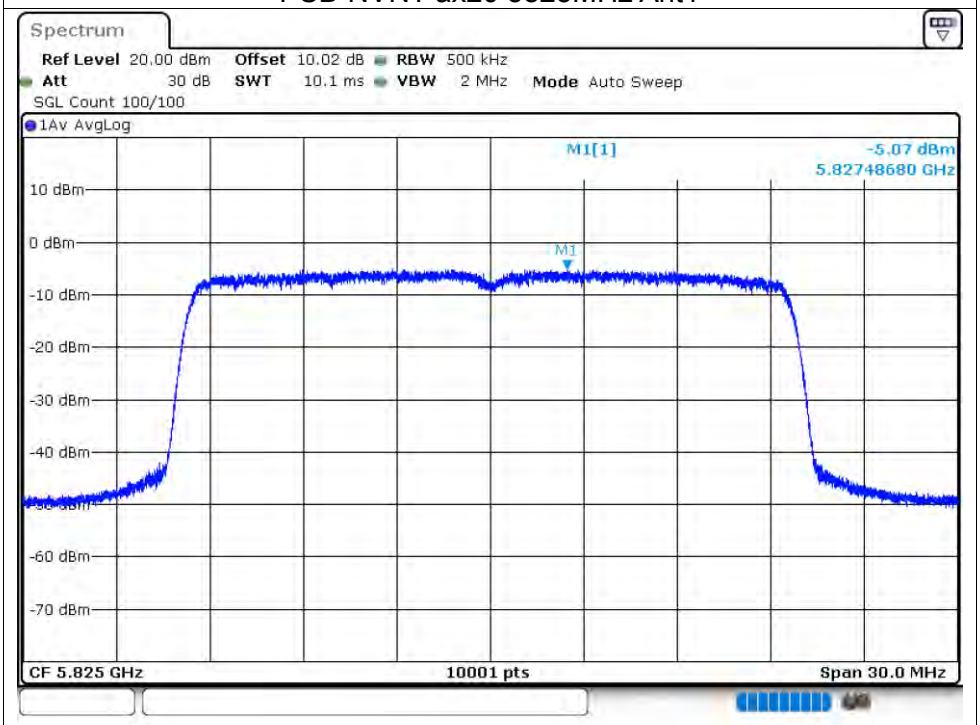
PSD NVNT ax20 5745MHz Ant1



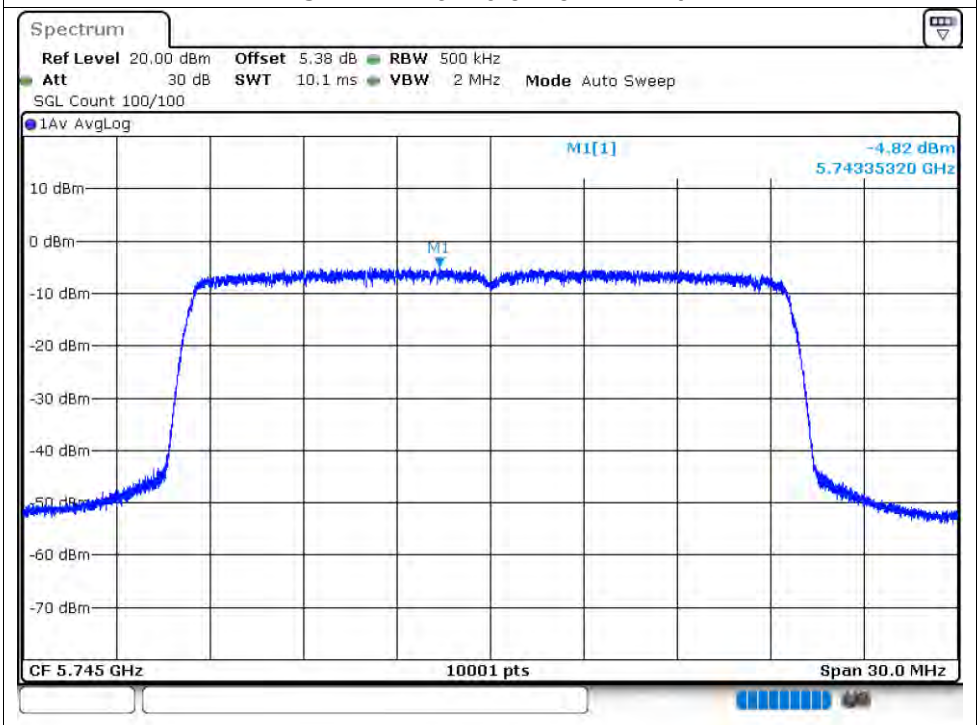
PSD NVNT ax20 5785MHz Ant1



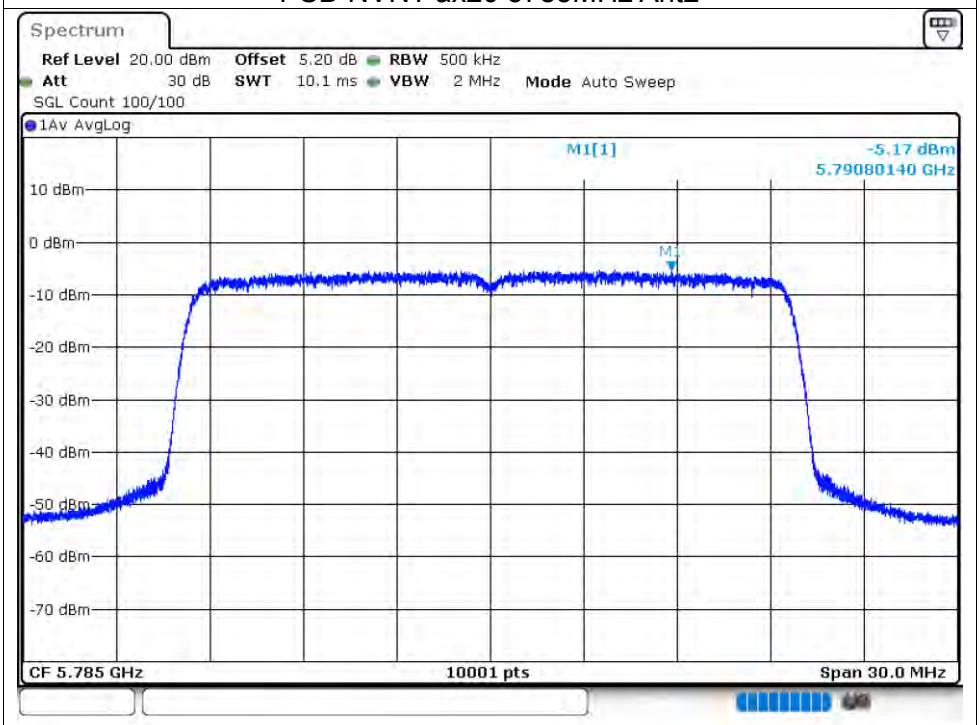
PSD NVNT ax20 5825MHz Ant1



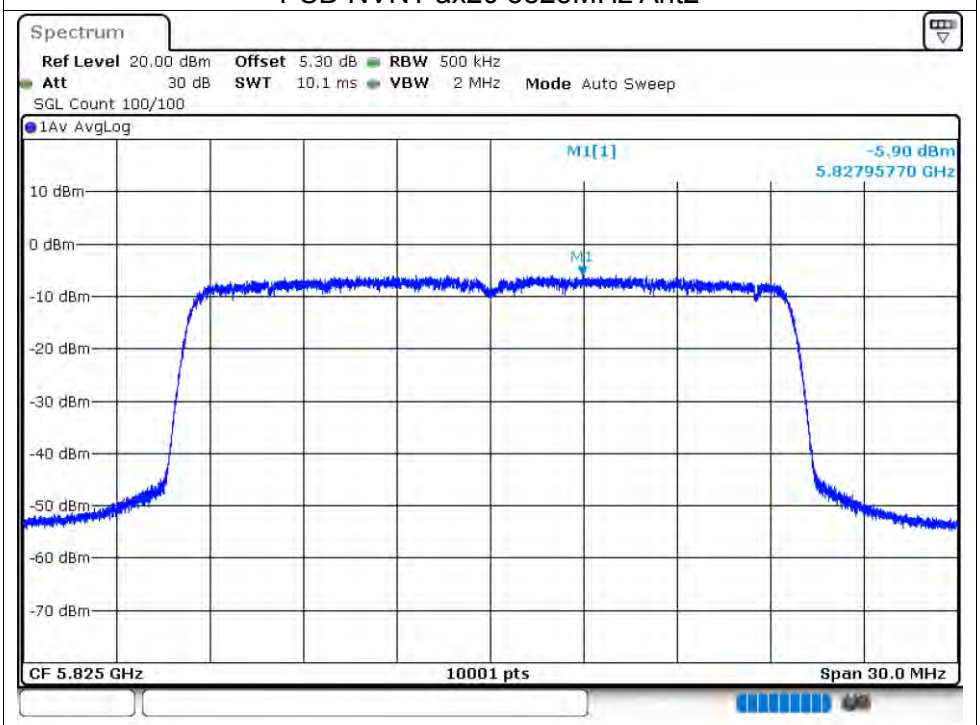
PSD NVNT ax20 5745MHz Ant2



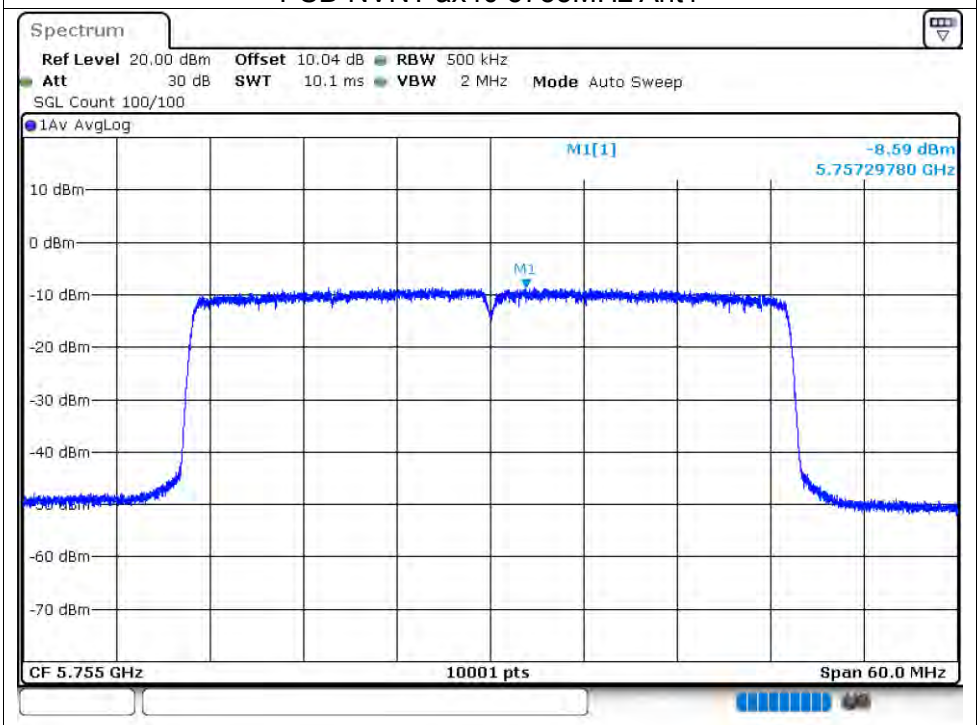
PSD NVNT ax20 5785MHz Ant2



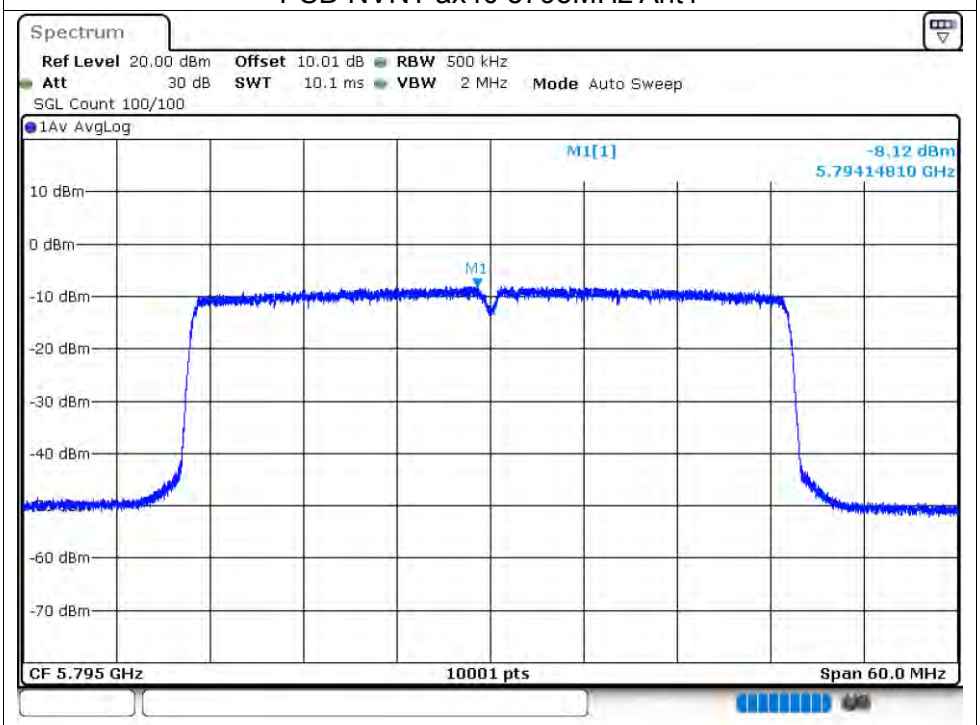
PSD NVNT ax20 5825MHz Ant2



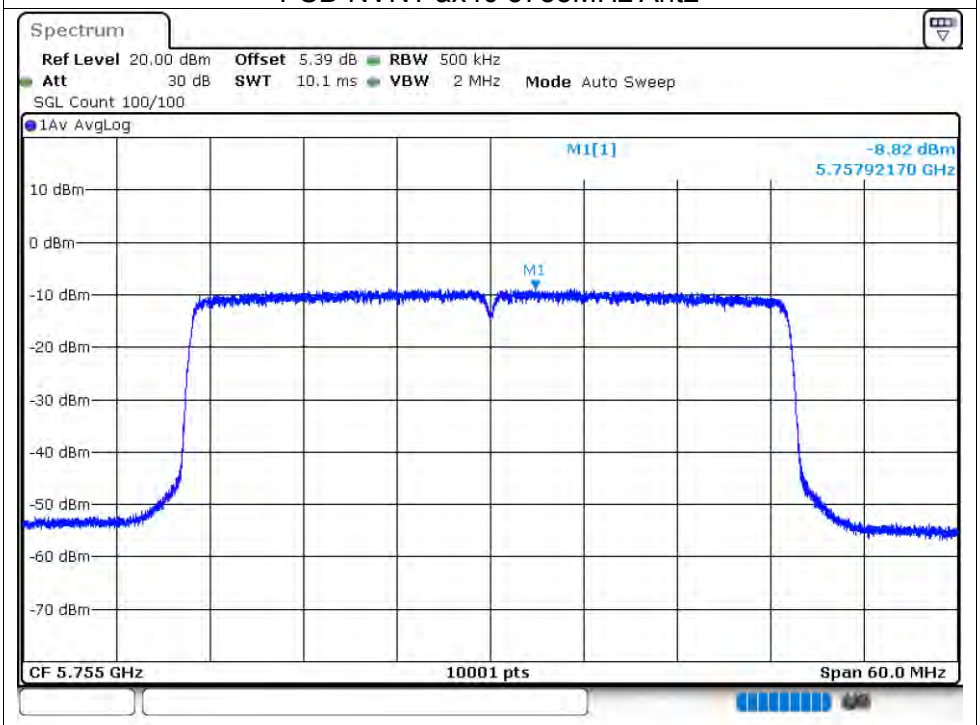
PSD NVNT ax40 5755MHz Ant1



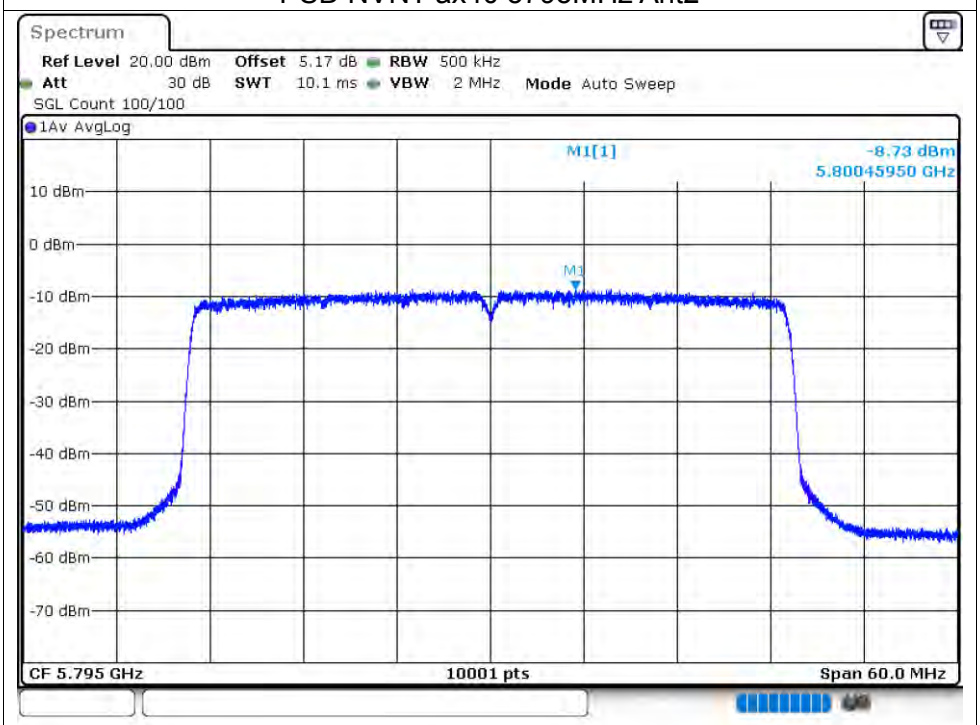
PSD NVNT ax40 5795MHz Ant1



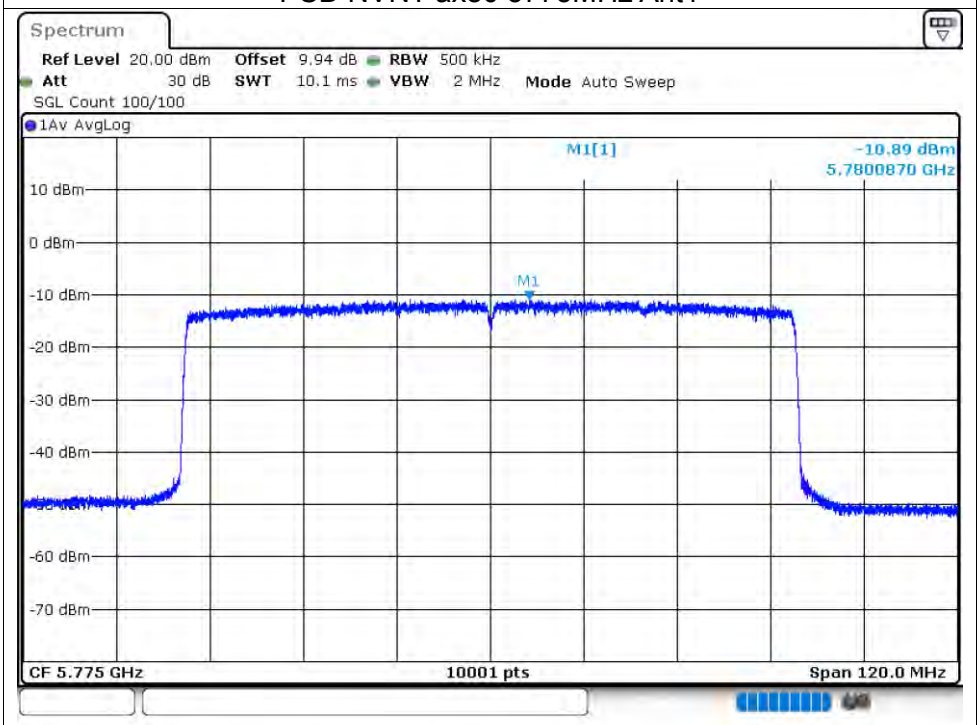
PSD NVNT ax40 5755MHz Ant2



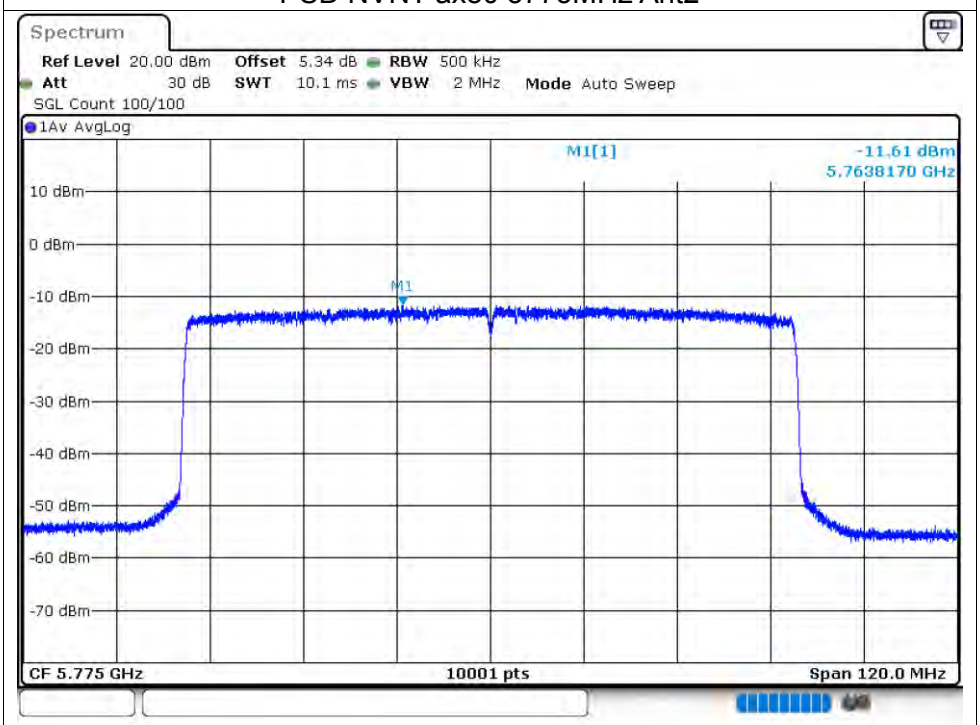
PSD NVNT ax40 5795MHz Ant2



PSD NVNT ax80 5775MHz Ant1



PSD NVNT ax80 5775MHz Ant2

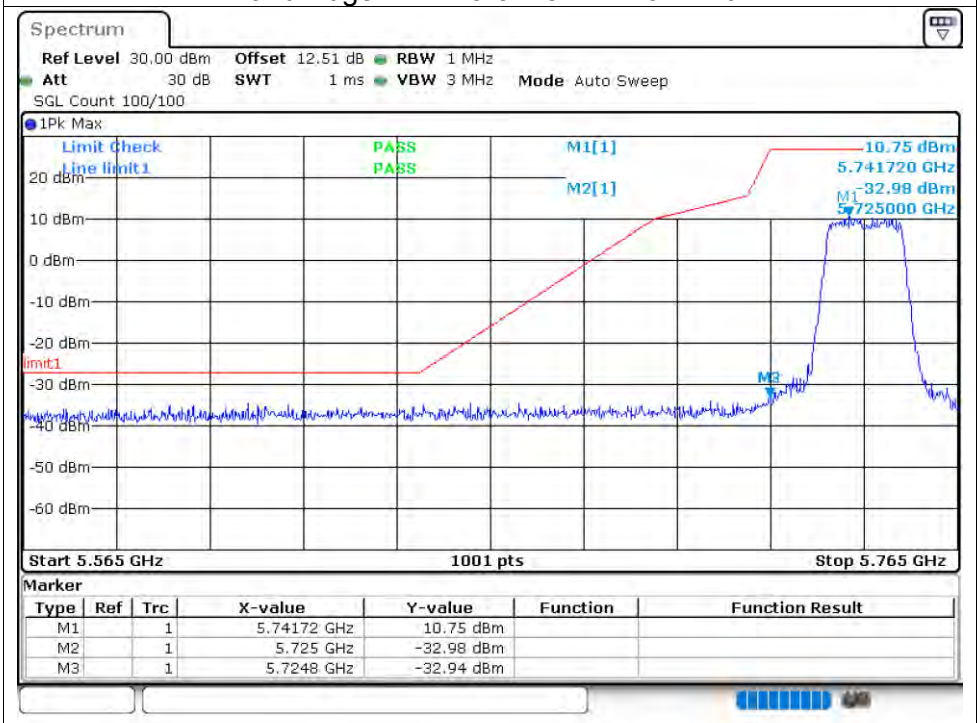


7.4.6 BAND EDGE

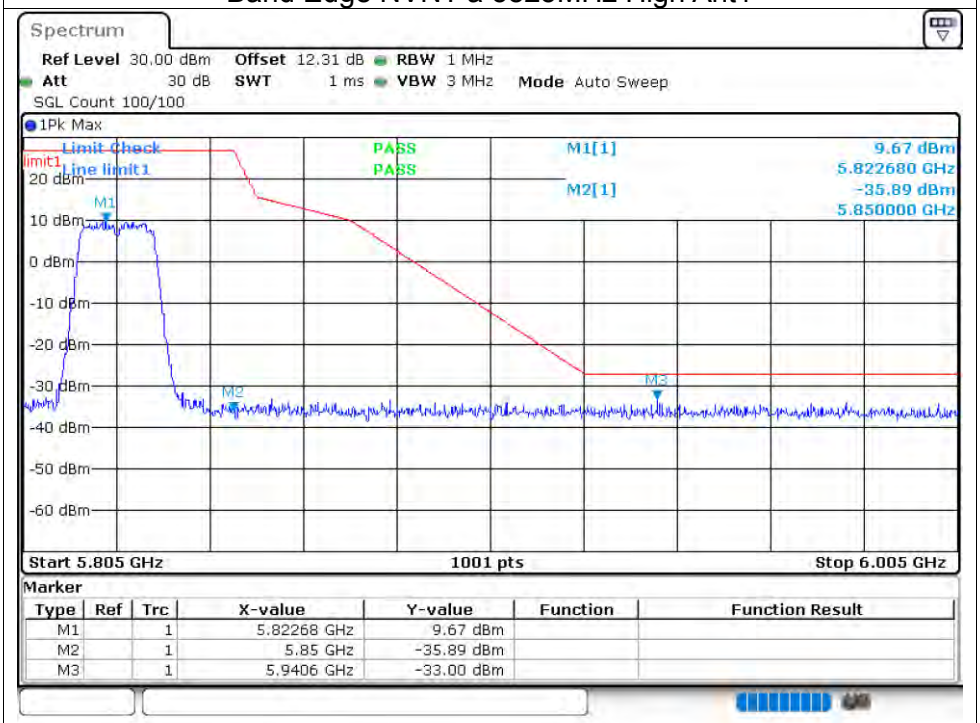
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-32.94	Pass
NVNT	a	5825	Ant1	-33	Pass
NVNT	a	5745	Ant2	-34.65	Pass
NVNT	a	5825	Ant2	-31.33	Pass
NVNT	n20	5745	Ant1	-31.81	Pass
NVNT	n20	5825	Ant1	-33.14	Pass
NVNT	n20	5745	Ant2	-33.65	Pass
NVNT	n20	5825	Ant2	-33.23	Pass
NVNT	n40	5755	Ant1	-32.45	Pass
NVNT	n40	5795	Ant1	-33.43	Pass
NVNT	n40	5755	Ant2	-33.5	Pass
NVNT	n40	5795	Ant2	-32.66	Pass
NVNT	ac20	5745	Ant1	-32.58	Pass
NVNT	ac20	5825	Ant1	-32.76	Pass
NVNT	ac20	5745	Ant2	-33.11	Pass
NVNT	ac20	5825	Ant2	-32.02	Pass
NVNT	ac40	5755	Ant1	-31.17	Pass
NVNT	ac40	5795	Ant1	-32.12	Pass
NVNT	ac40	5755	Ant2	-33.71	Pass
NVNT	ac40	5795	Ant2	-32.7	Pass
NVNT	ac80	5775	Ant1	-33.41	Pass
NVNT	ac80	5775	Ant1	-32.13	Pass
NVNT	ac80	5775	Ant2	-33.08	Pass
NVNT	ac80	5775	Ant2	-33.27	Pass
NVNT	ax20	5745	Ant1	-31.16	Pass
NVNT	ax20	5825	Ant1	-33.32	Pass
NVNT	ax20	5745	Ant2	-33.46	Pass
NVNT	ax20	5825	Ant2	-32.93	Pass
NVNT	ax40	5755	Ant1	-32.38	Pass
NVNT	ax40	5795	Ant1	-32.36	Pass
NVNT	ax40	5755	Ant2	-34.03	Pass
NVNT	ax40	5795	Ant2	-32.53	Pass
NVNT	ax80	5775	Ant1	-33.75	Pass
NVNT	ax80	5775	Ant1	-31.88	Pass
NVNT	ax80	5775	Ant2	-33.37	Pass
NVNT	ax80	5775	Ant2	-33.84	Pass

Test Graphs

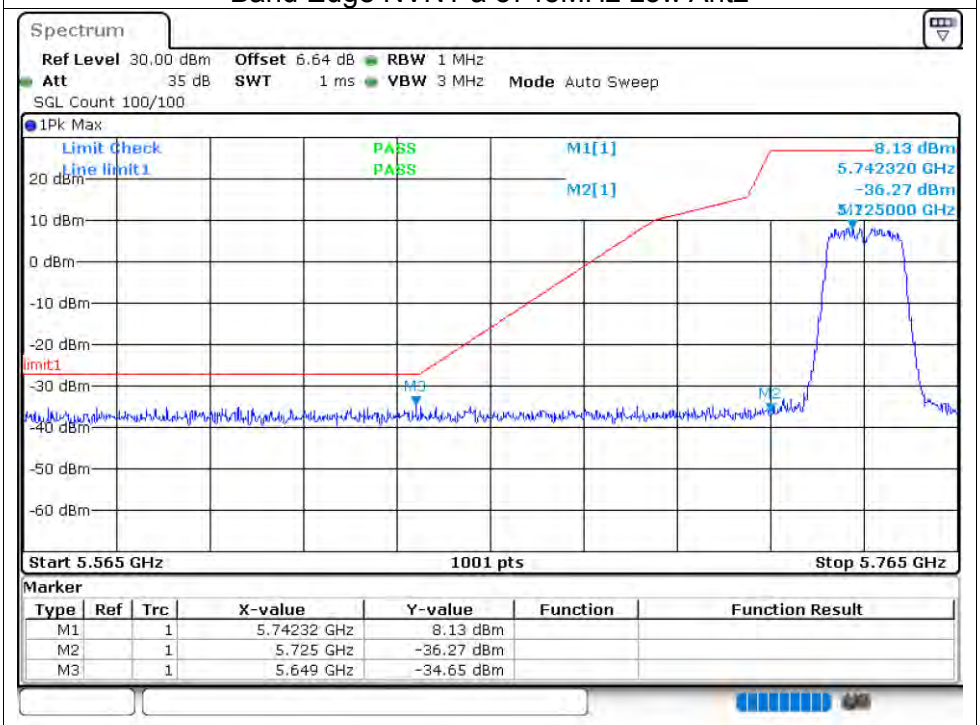
Band Edge NVNT a 5745MHz Low Ant1



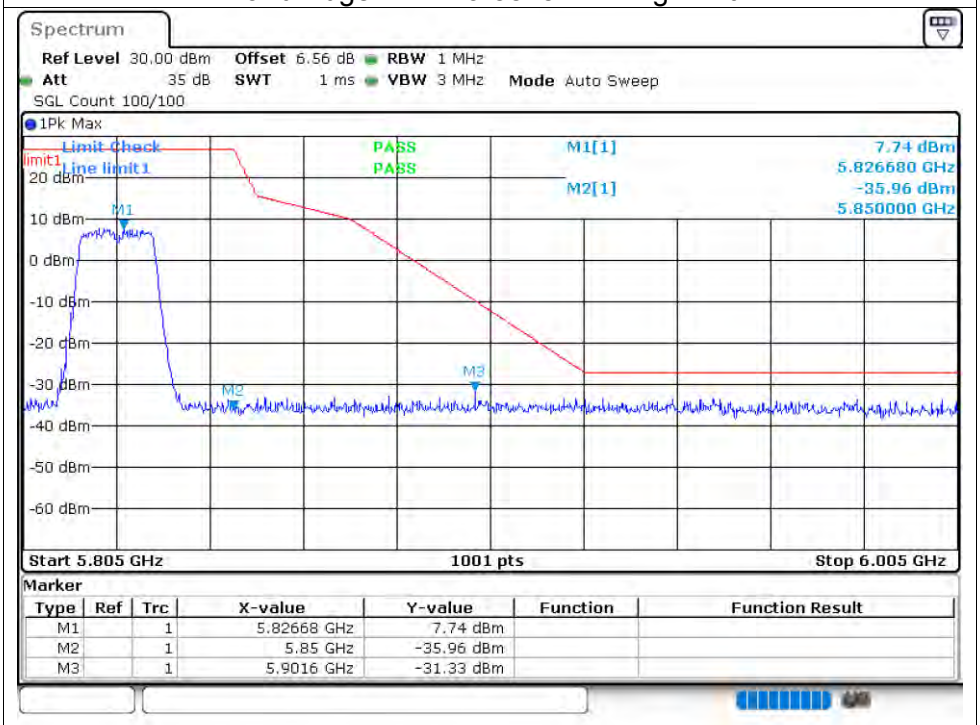
Band Edge NVNT a 5825MHz High Ant1



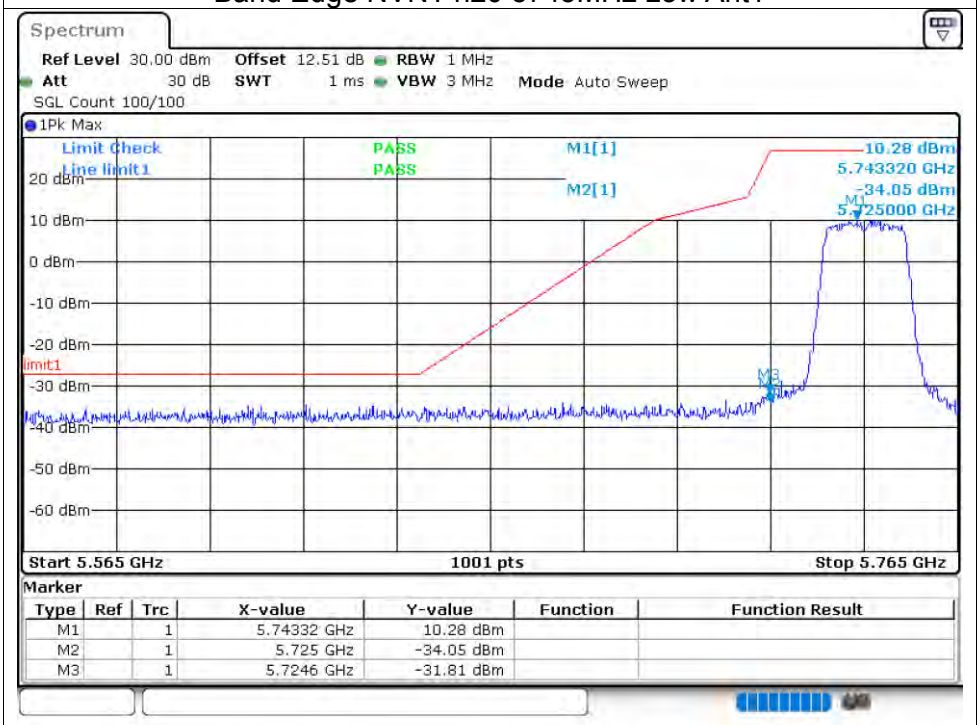
Band Edge NVNT a 5745MHz Low Ant2



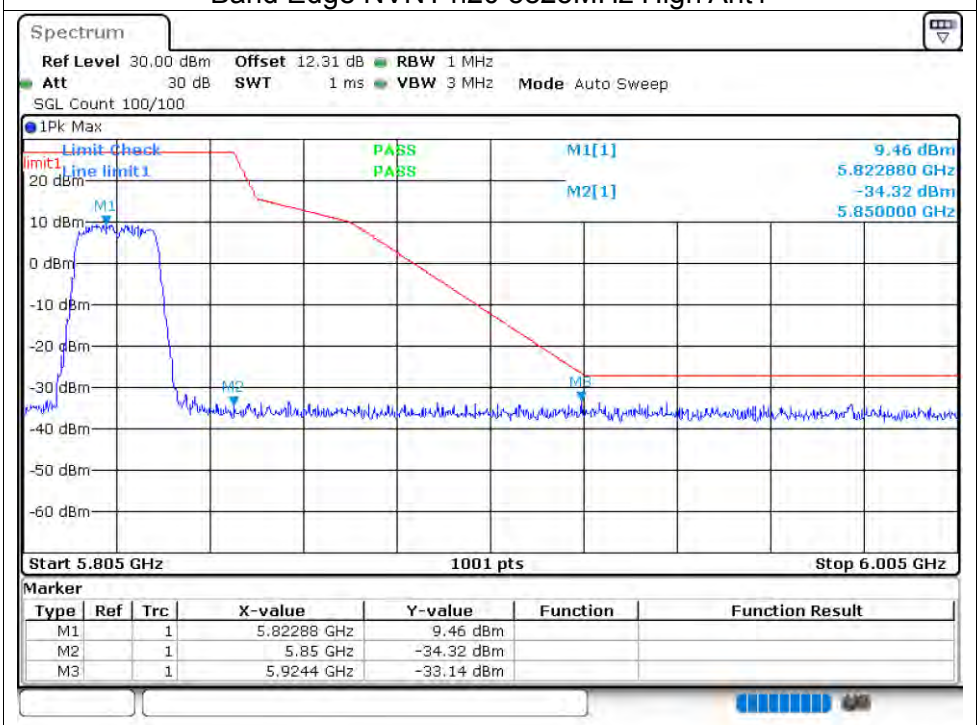
Band Edge NVNT a 5825MHz High Ant2



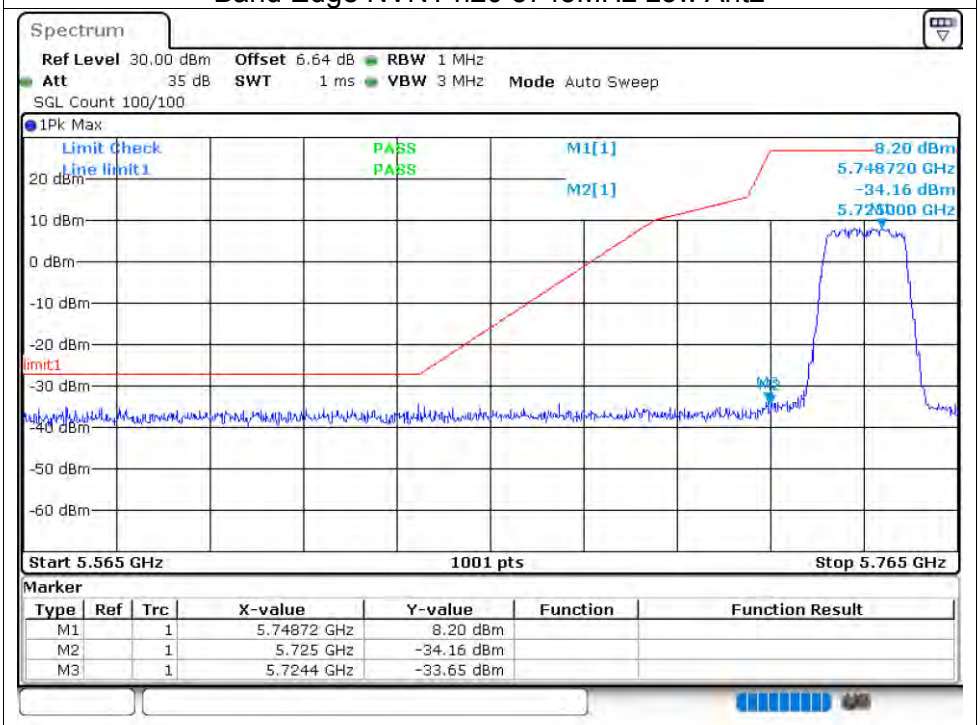
Band Edge NVNT n20 5745MHz Low Ant1



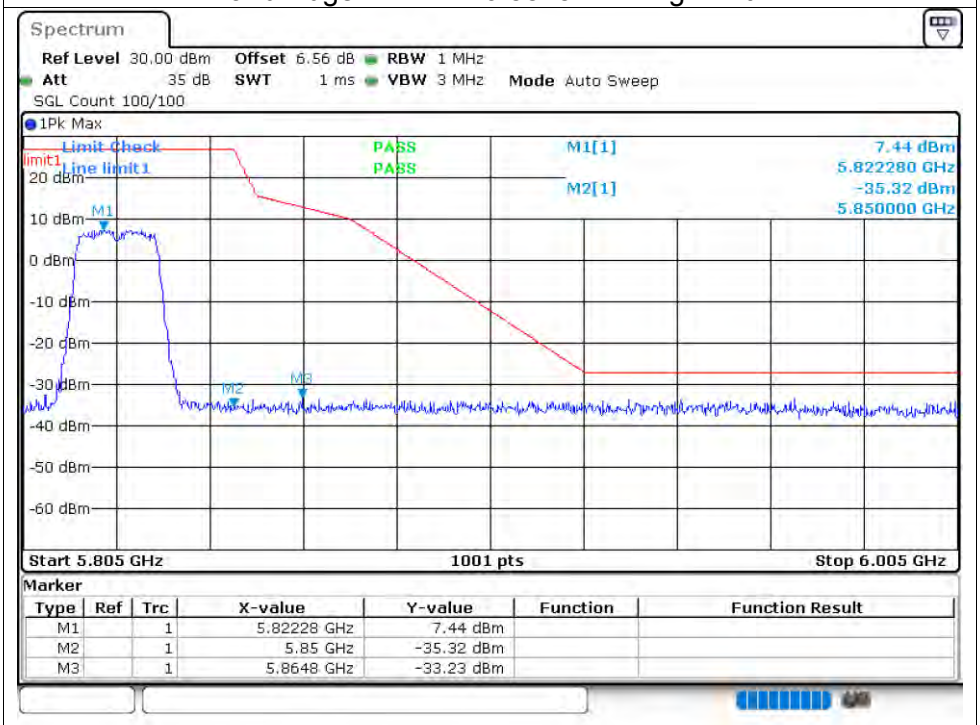
Band Edge NVNT n20 5825MHz High Ant1



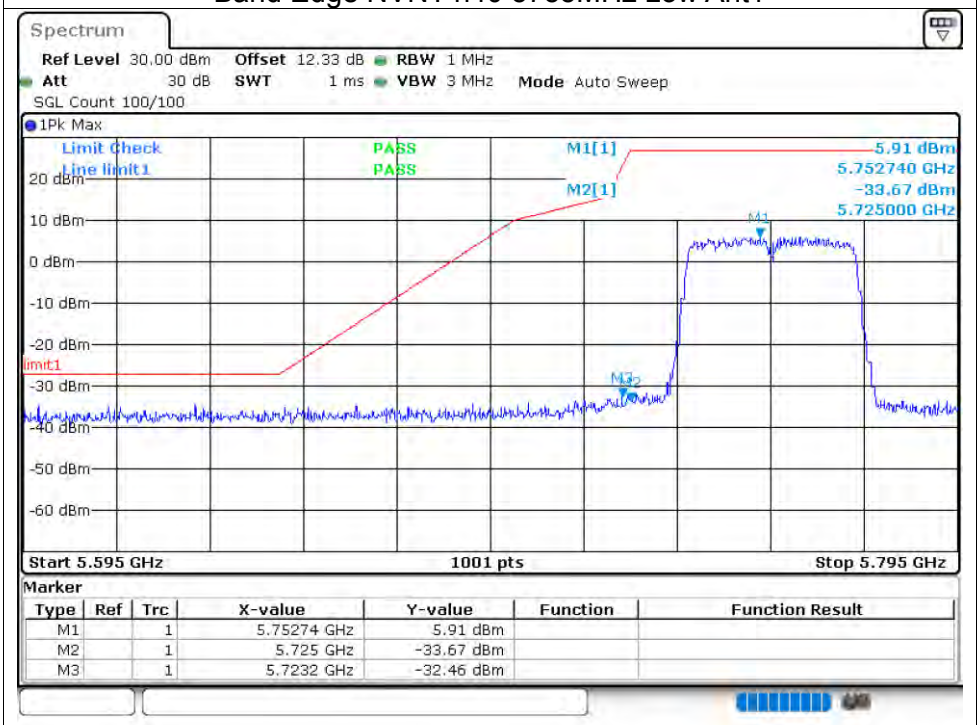
Band Edge NVNT n20 5745MHz Low Ant2



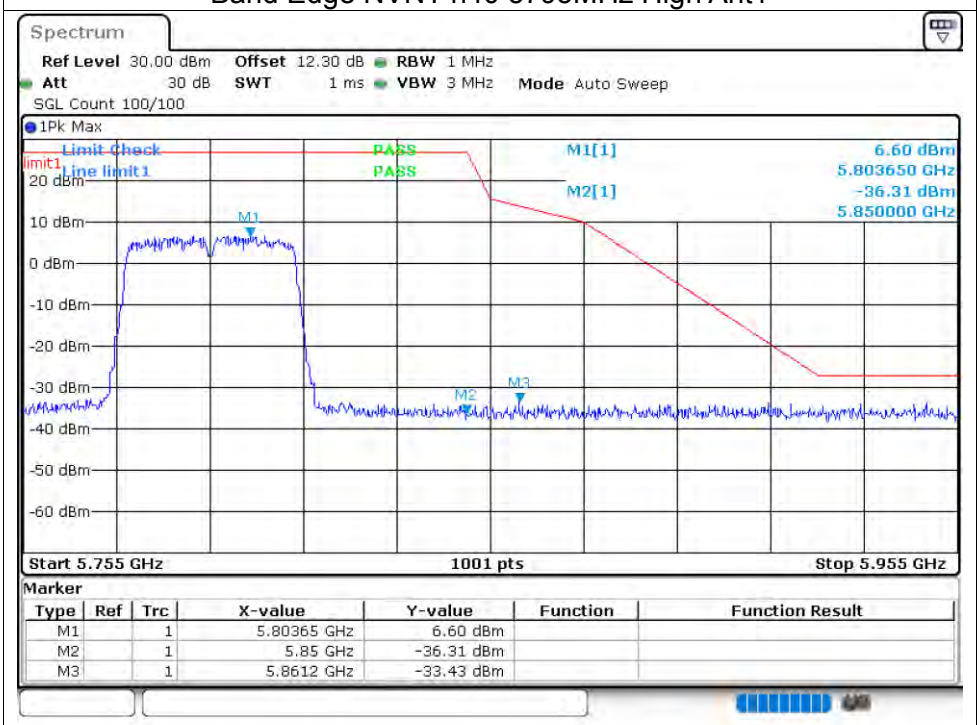
Band Edge NVNT n20 5825MHz High Ant2



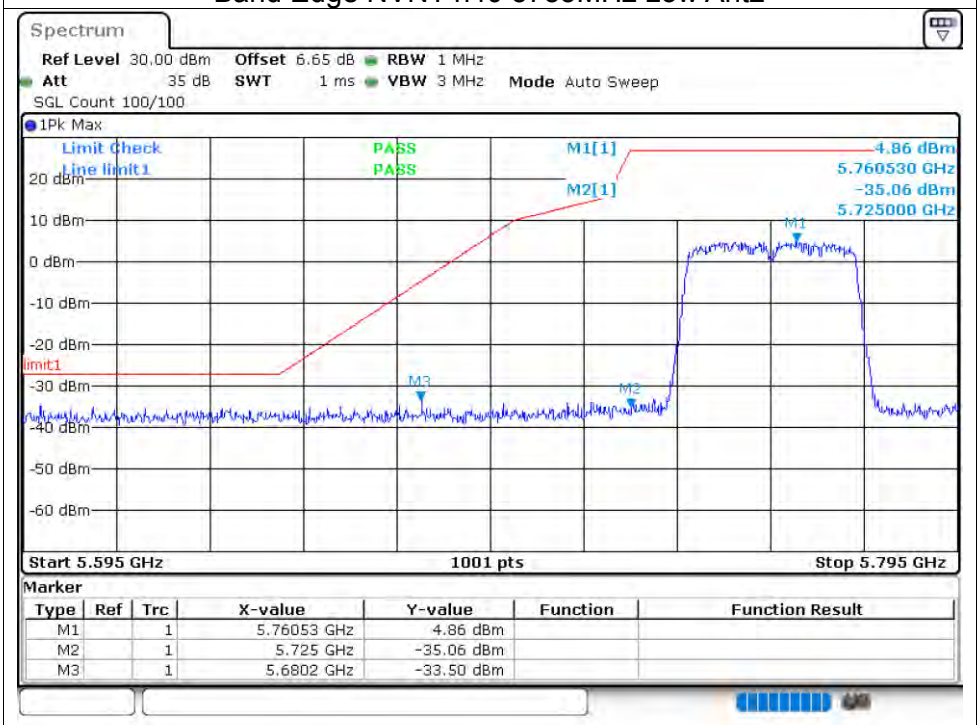
Band Edge NVNT n40 5755MHz Low Ant1



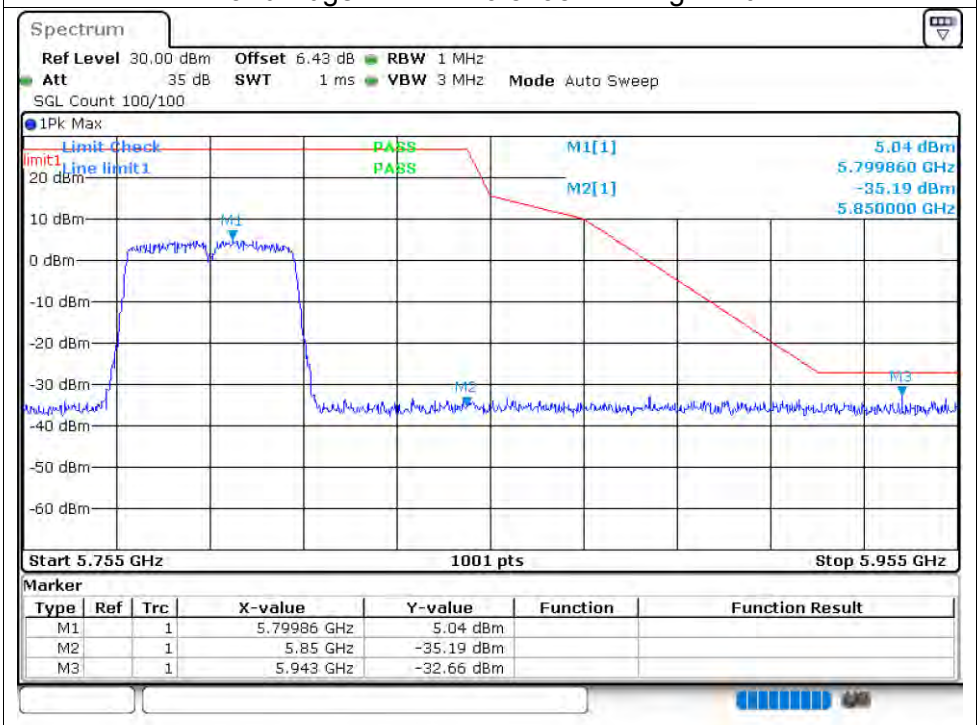
Band Edge NVNT n40 5795MHz High Ant1



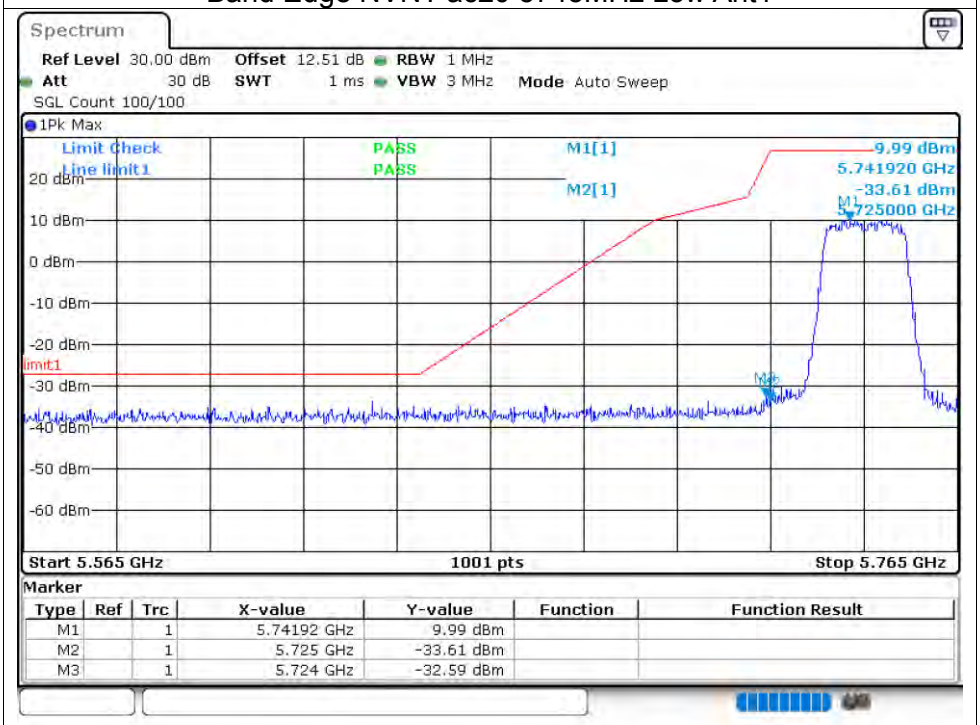
Band Edge NVNT n40 5755MHz Low Ant2



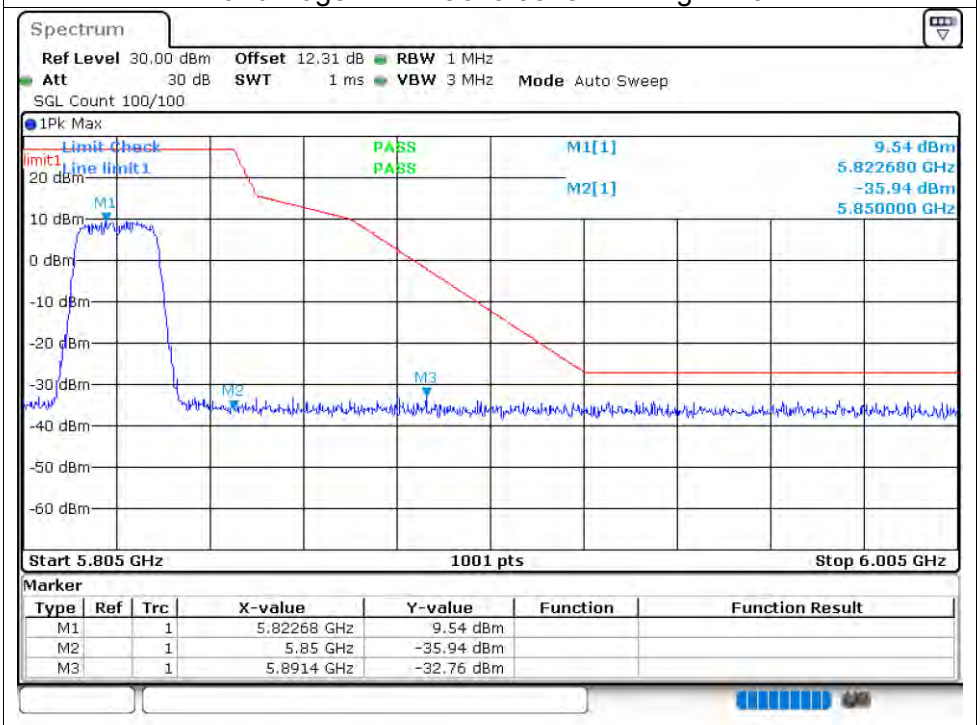
Band Edge NVNT n40 5795MHz High Ant2



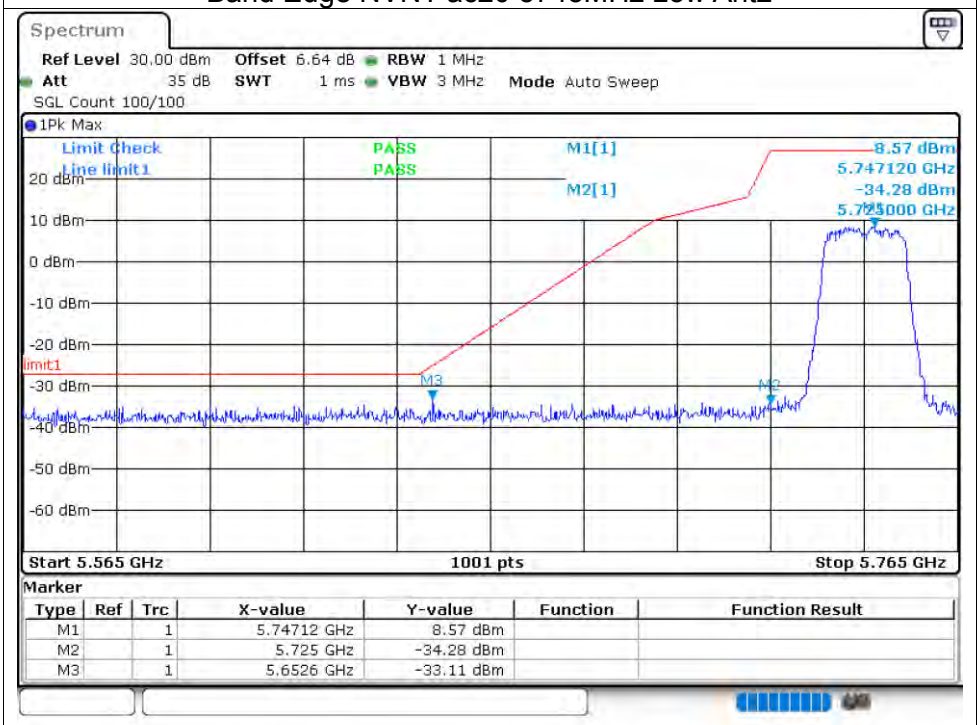
Band Edge NVNT ac20 5745MHz Low Ant1



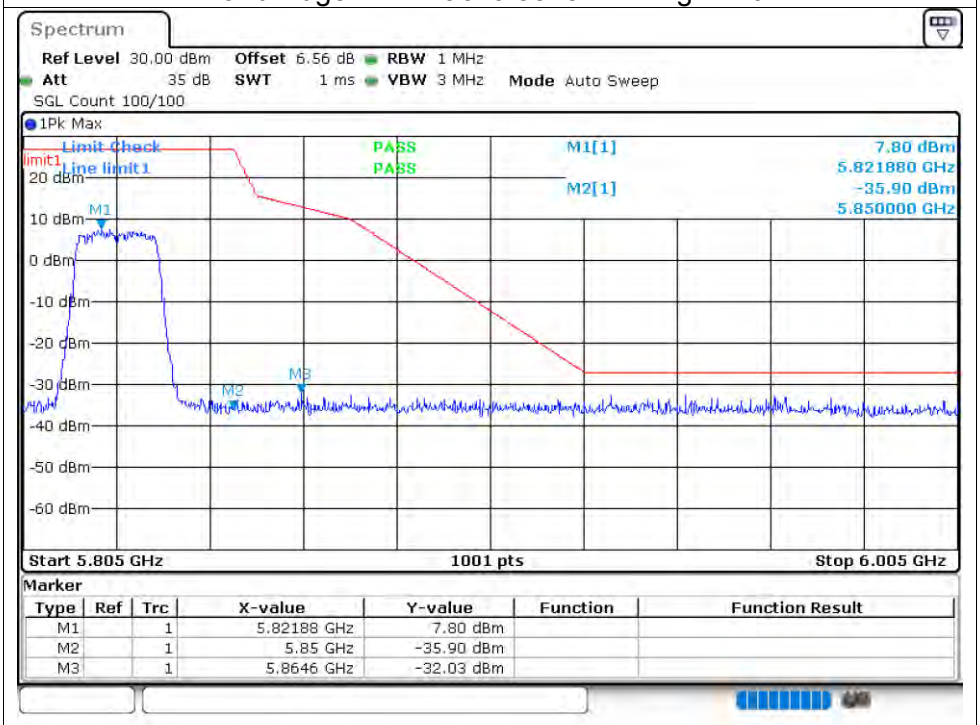
Band Edge NVNT ac20 5825MHz High Ant1



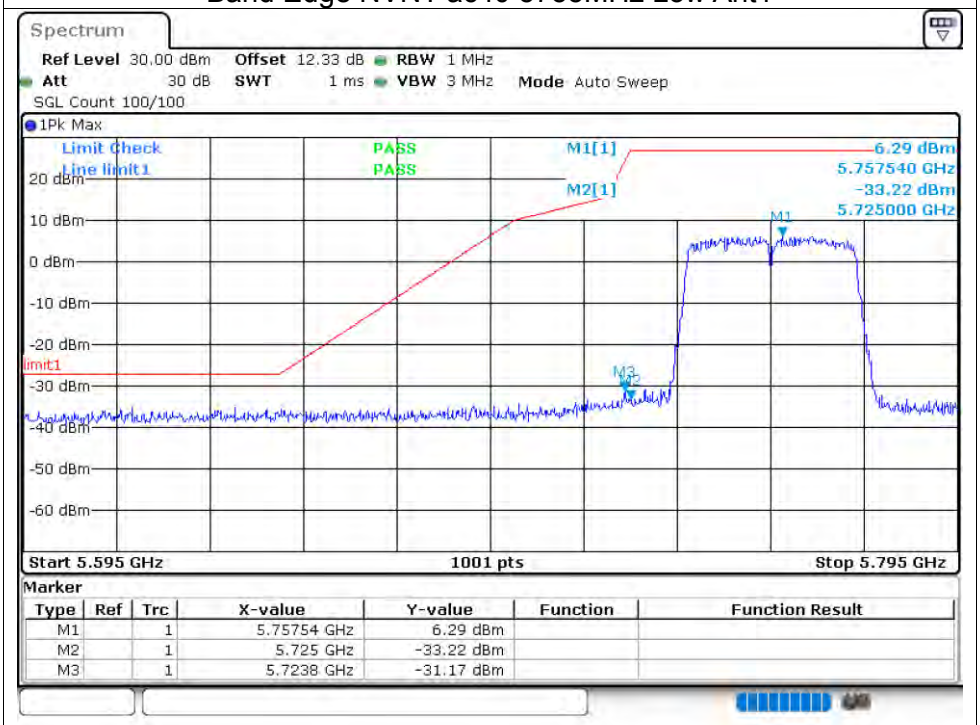
Band Edge NVNT ac20 5745MHz Low Ant2



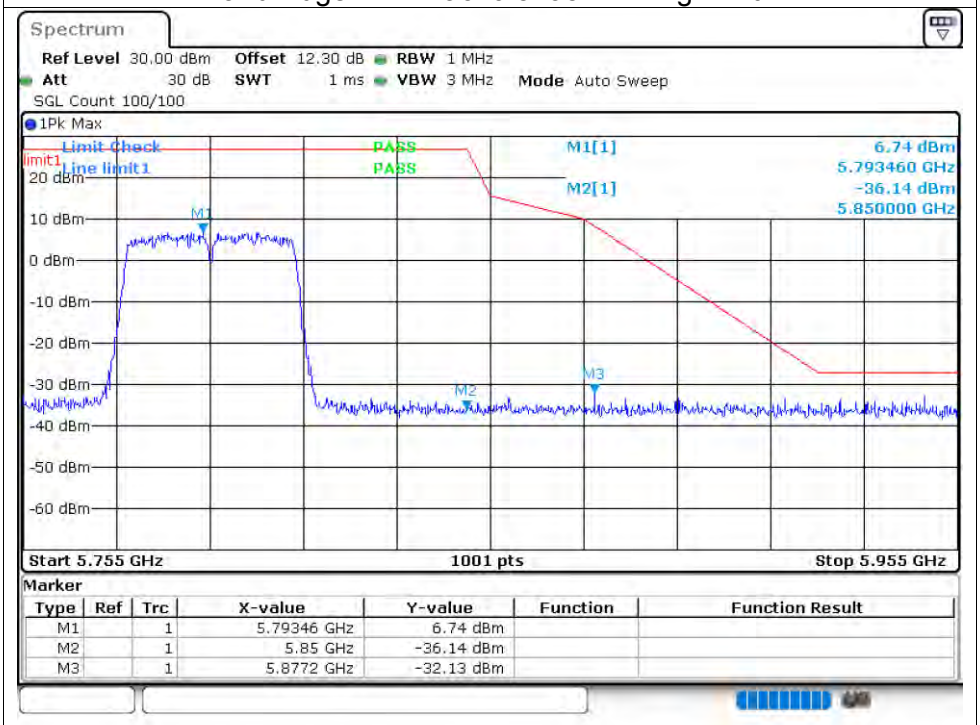
Band Edge NVNT ac20 5825MHz High Ant2



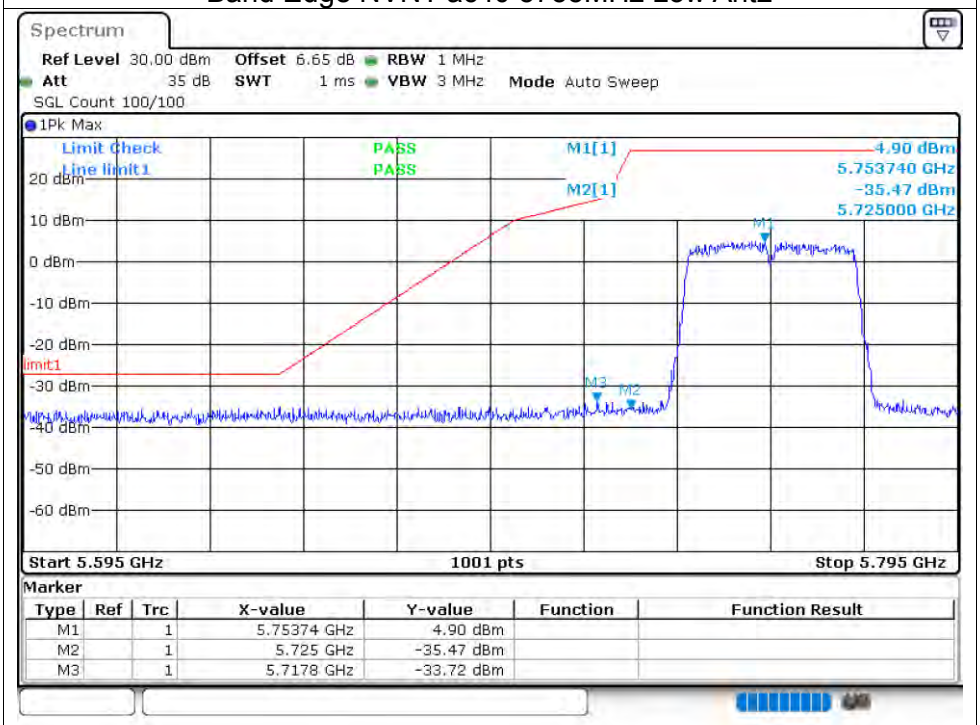
Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1



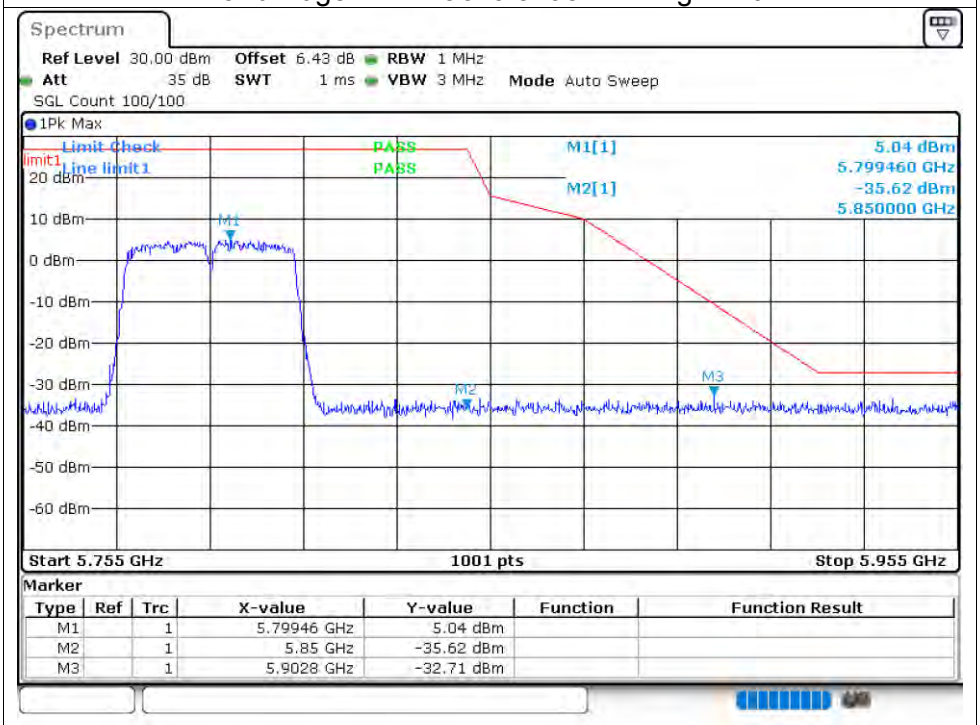
Band Edge NVNT ac40 5755MHz Low Ant2



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.75374 GHz	4.90 dBm		
M2		1	5.725 GHz	-35.47 dBm		
M3		1	5.7178 GHz	-33.72 dBm		

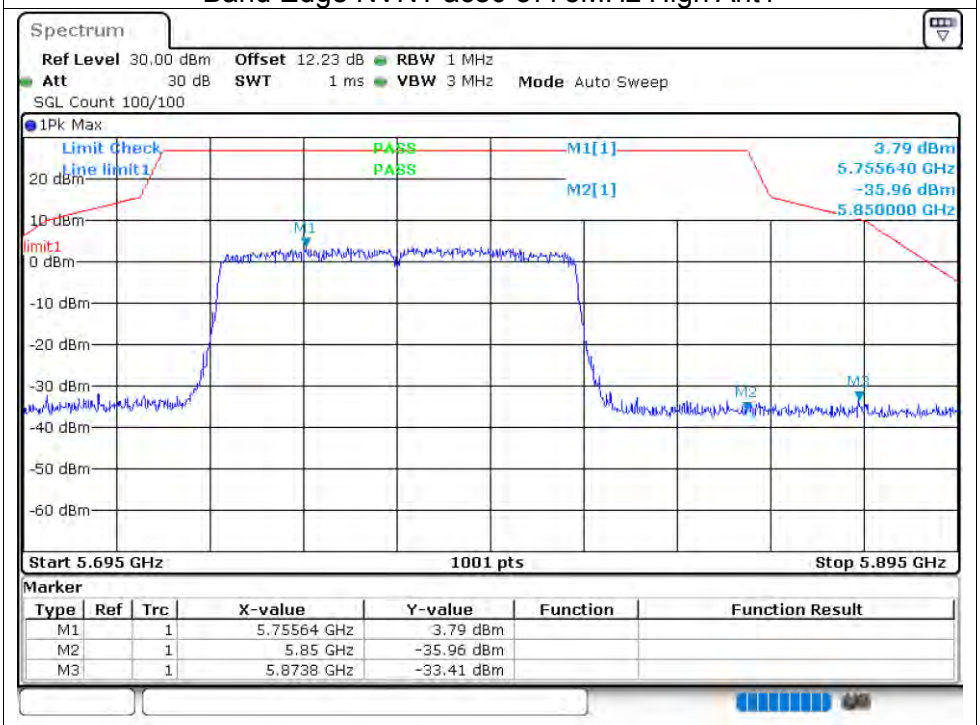
Band Edge NVNT ac40 5795MHz High Ant2



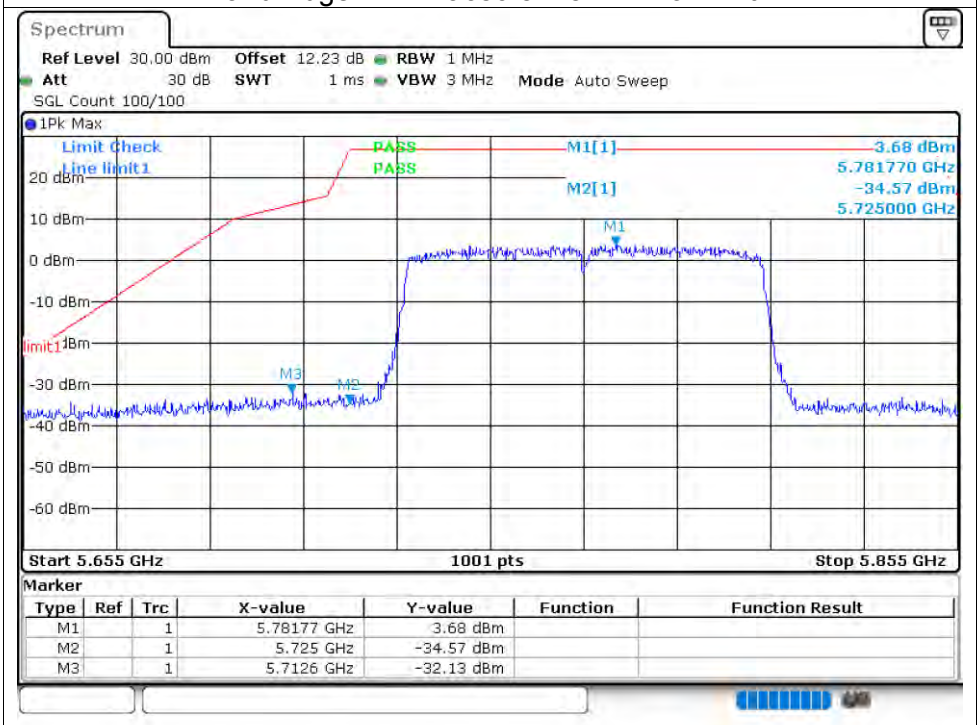
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.79946 GHz	5.04 dBm		
M2		1	5.85 GHz	-35.62 dBm		
M3		1	5.9028 GHz	-32.71 dBm		

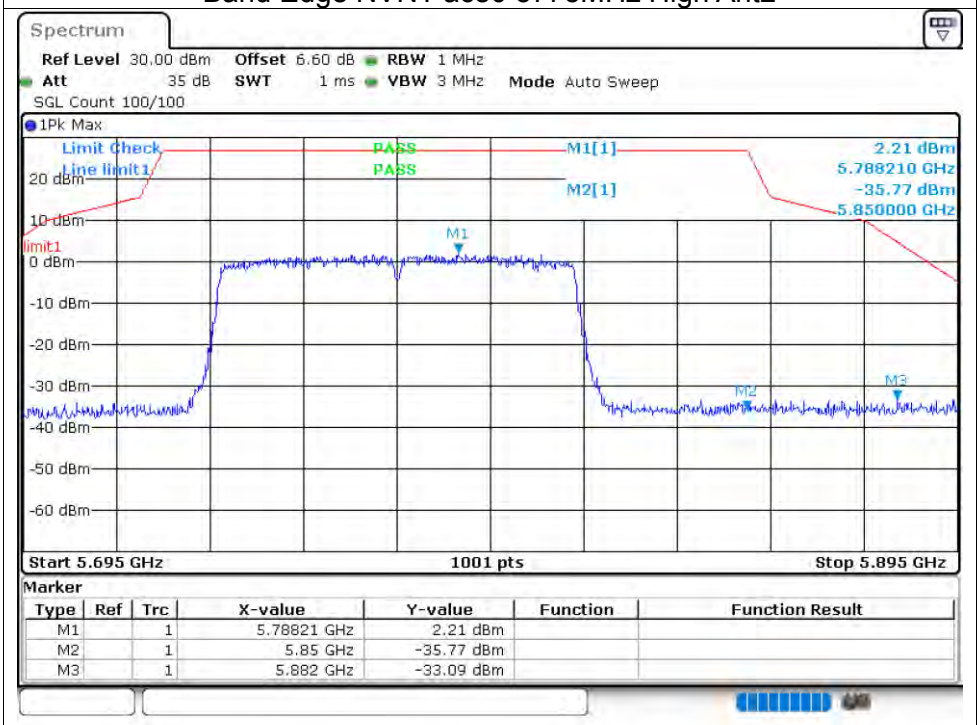
Band Edge NVNT ac80 5775MHz High Ant1



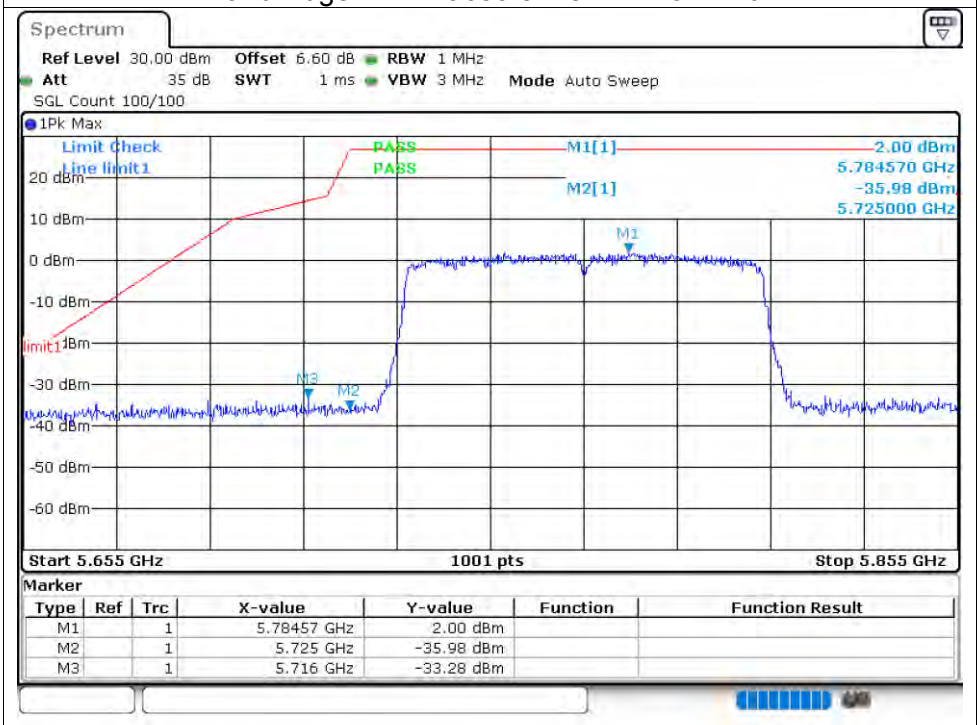
Band Edge NVNT ac80 5775MHz Low Ant1



Band Edge NVNT ac80 5775MHz High Ant2

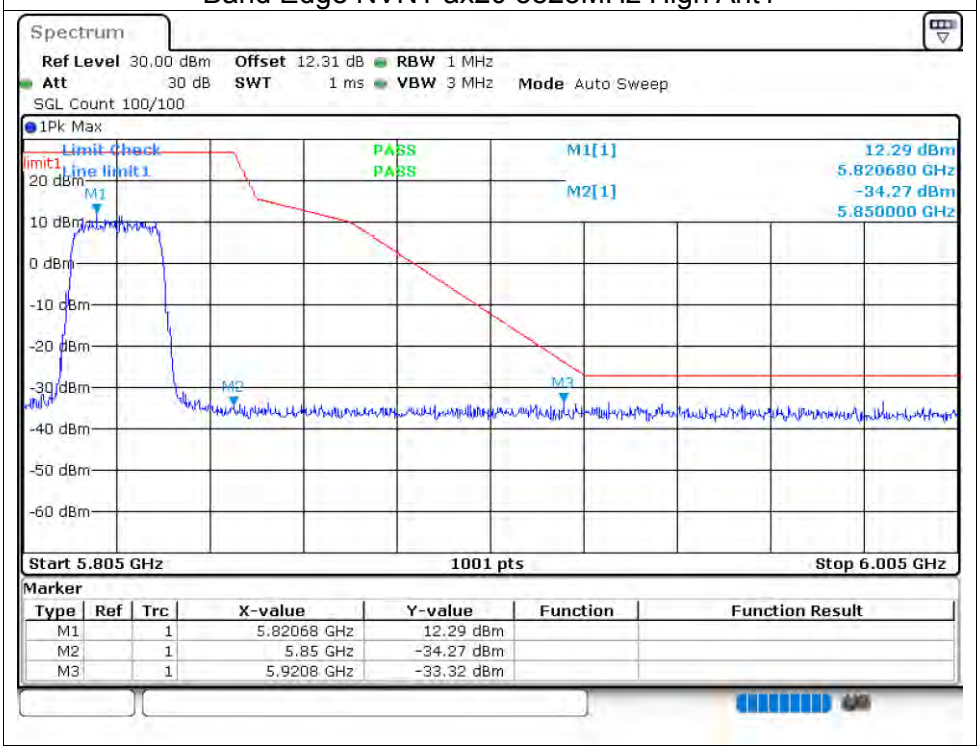


Band Edge NVNT ac80 5775MHz Low Ant2

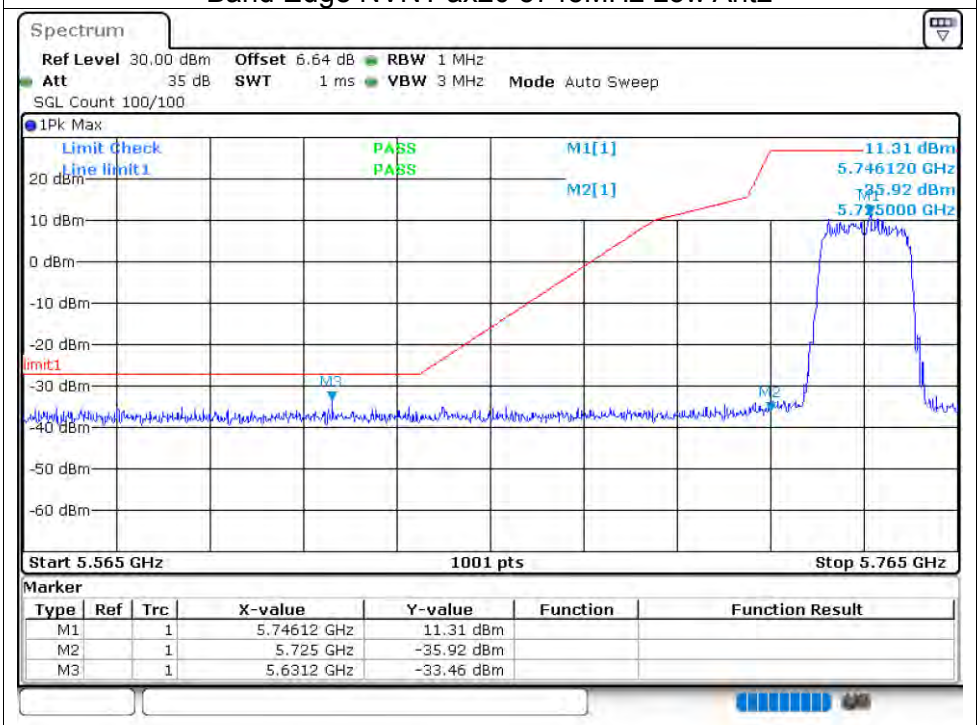


Band Edge NVNT ax20 5745MHz Low Ant1

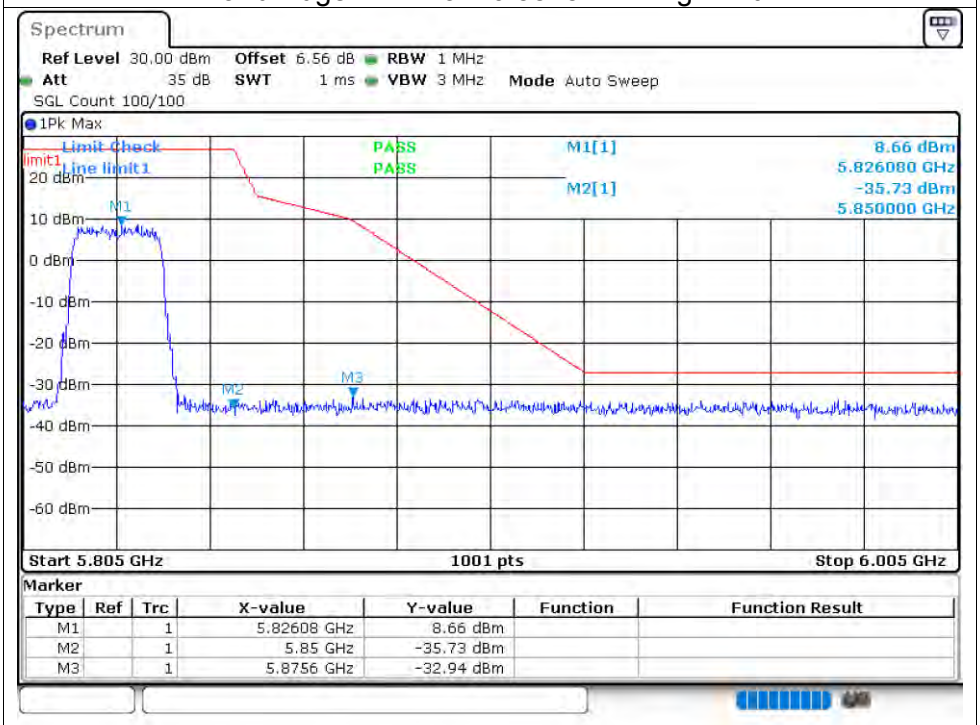
Band Edge NVNT ax20 5825MHz High Ant1



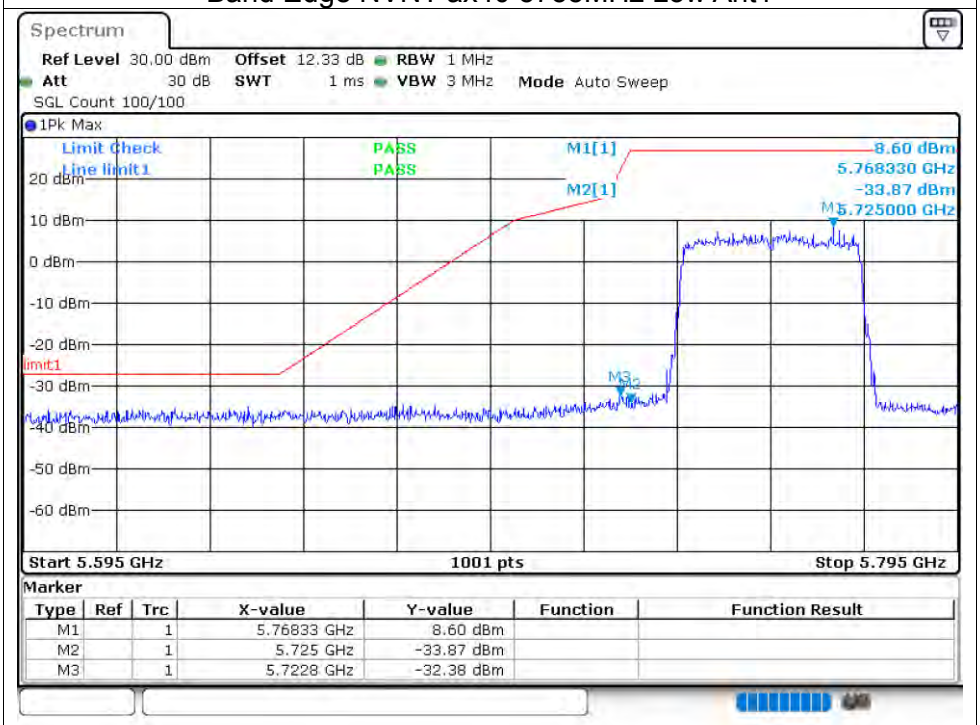
Band Edge NVNT ax20 5745MHz Low Ant2



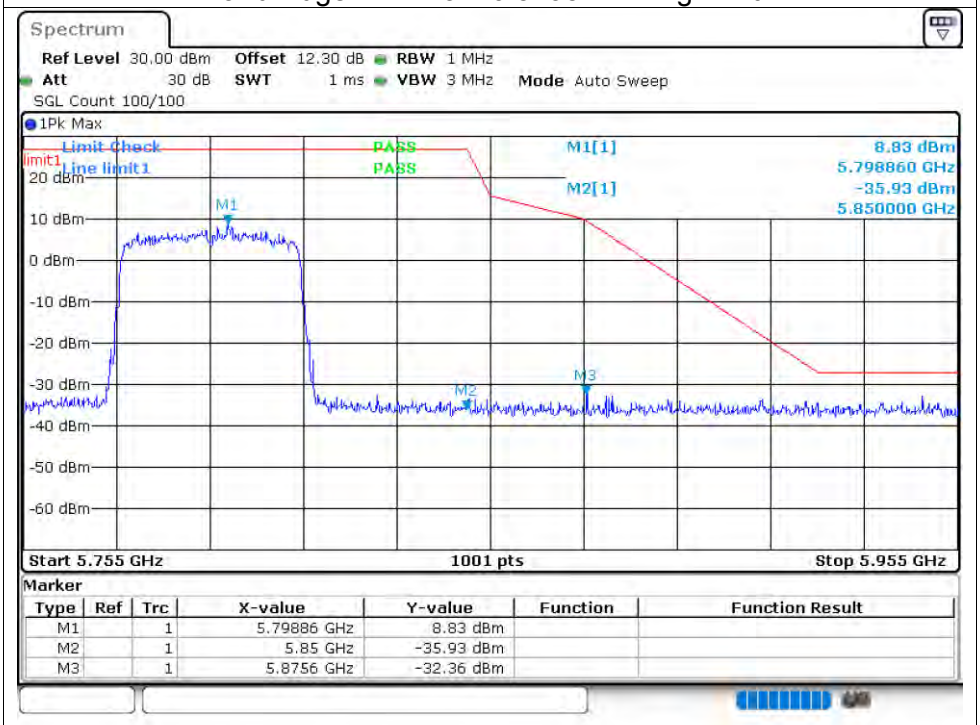
Band Edge NVNT ax20 5825MHz High Ant2



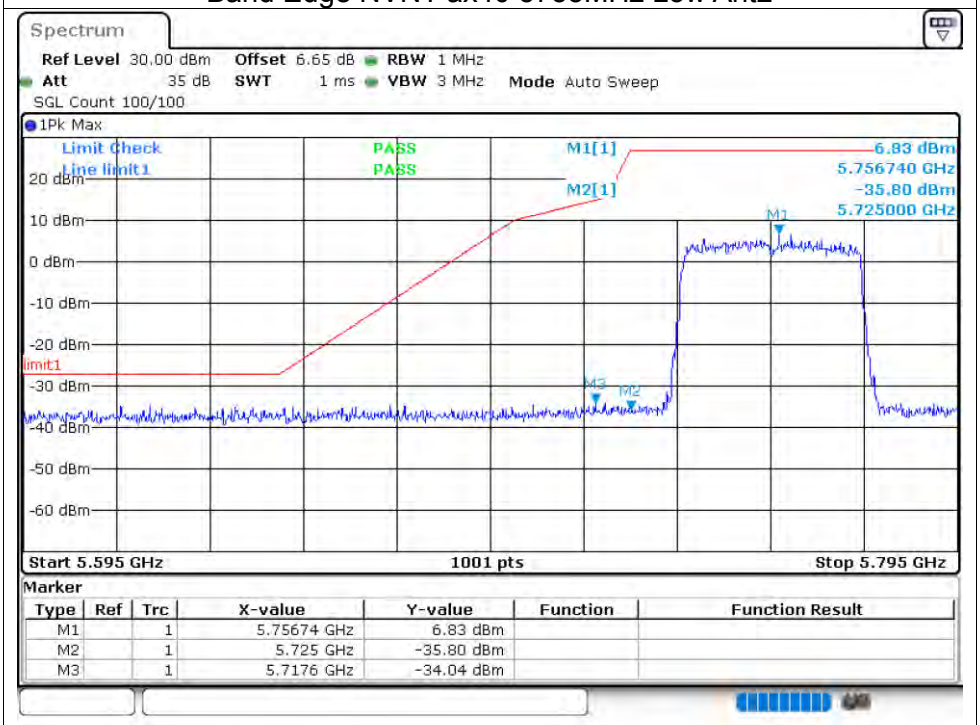
Band Edge NVNT ax40 5755MHz Low Ant1



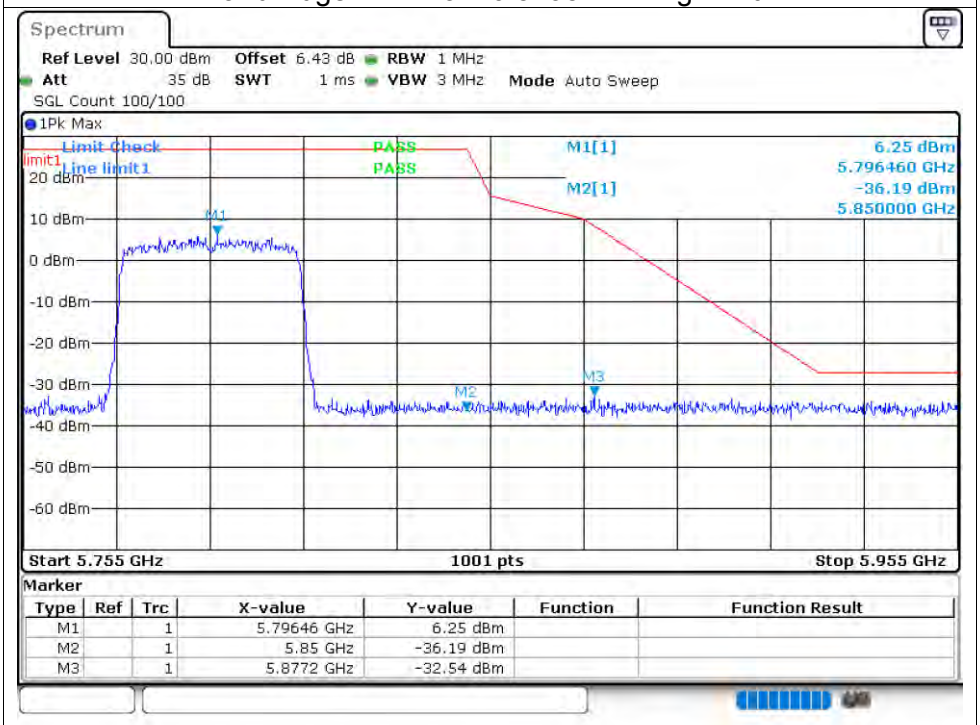
Band Edge NVNT ax40 5795MHz High Ant1



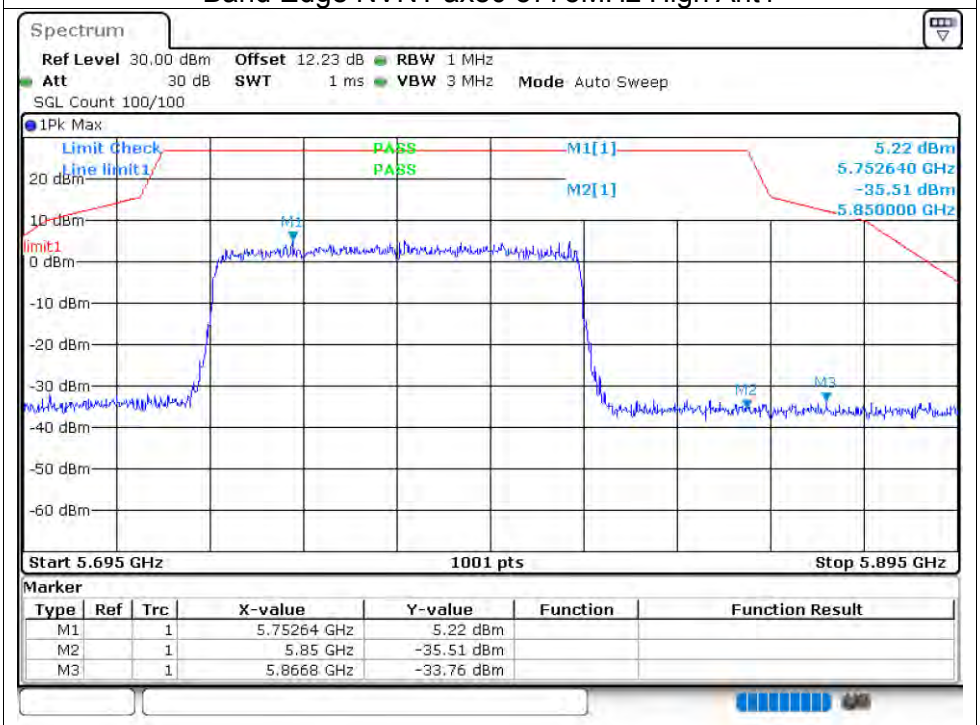
Band Edge NVNT ax40 5755MHz Low Ant2



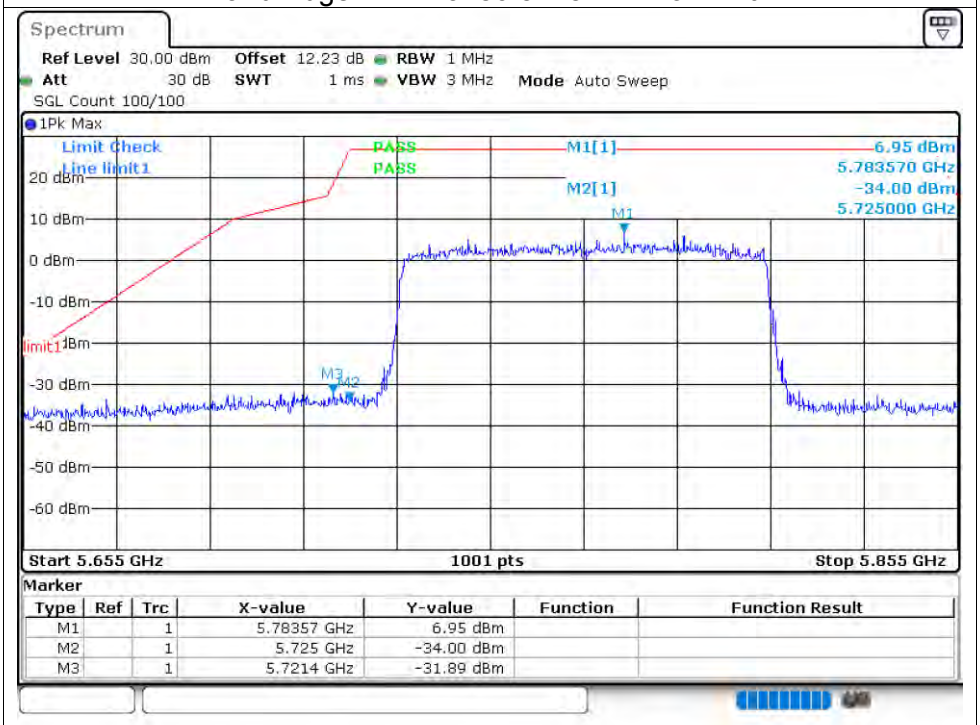
Band Edge NVNT ax40 5795MHz High Ant2



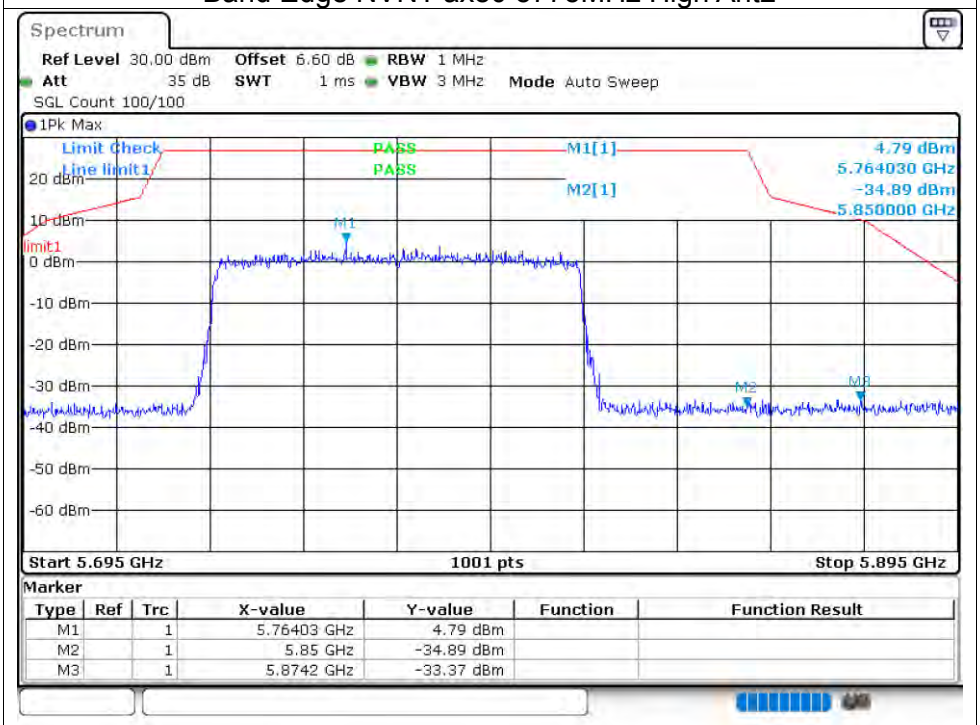
Band Edge NVNT ax80 5775MHz High Ant1



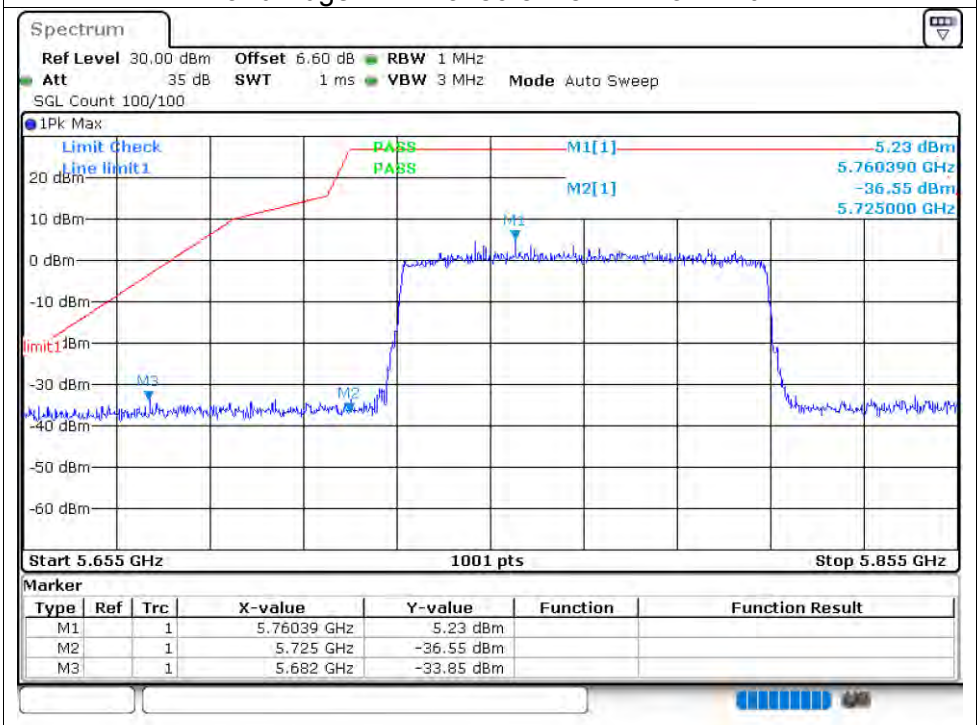
Band Edge NVNT ax80 5775MHz Low Ant1



Band Edge NVNT ax80 5775MHz High Ant2



Band Edge NVNT ax80 5775MHz Low Ant2

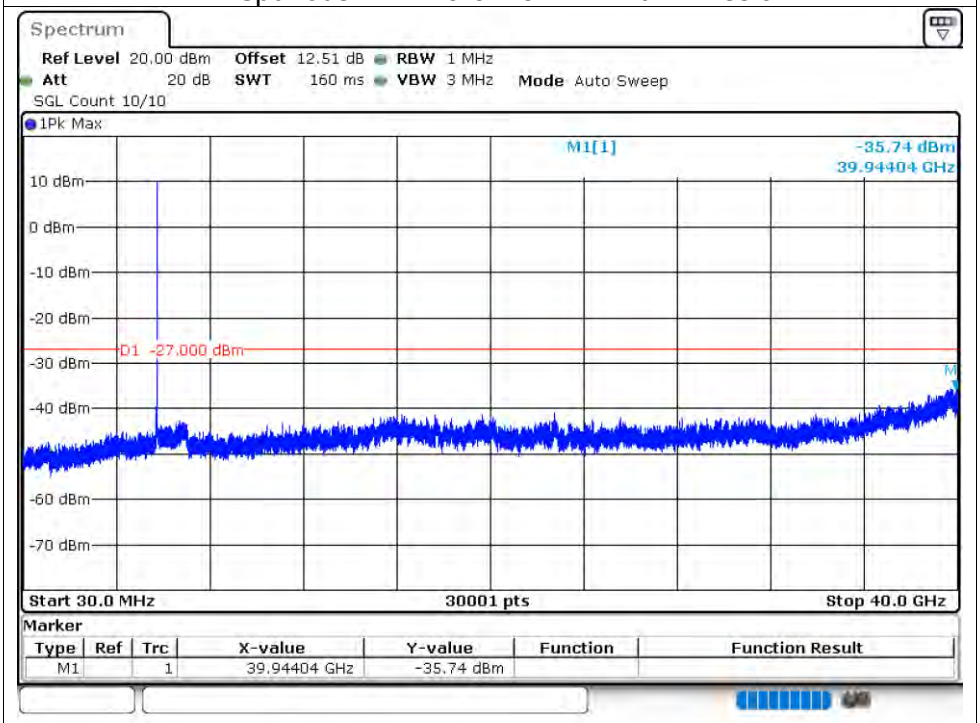


7.4.7 CONDUCTED RF SPURIOUS EMISSION

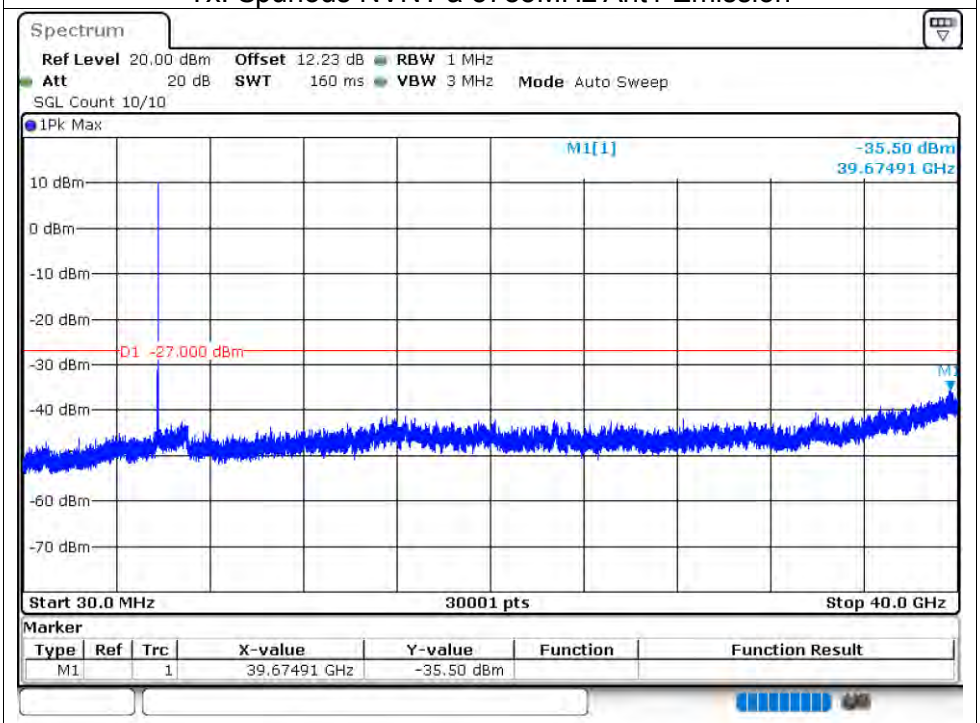
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-35.74	-27	Pass
NVNT	a	5785	Ant1	-35.5	-27	Pass
NVNT	a	5825	Ant1	-34.85	-27	Pass
NVNT	a	5745	Ant2	-39.96	-27	Pass
NVNT	a	5785	Ant2	-40.93	-27	Pass
NVNT	a	5825	Ant2	-39.07	-27	Pass
NVNT	n20	5745	Ant1	-34.14	-27	Pass
NVNT	n20	5785	Ant1	-35.23	-27	Pass
NVNT	n20	5825	Ant1	-35.8	-27	Pass
NVNT	n20	5745	Ant2	-40.23	-27	Pass
NVNT	n20	5785	Ant2	-40.11	-27	Pass
NVNT	n20	5825	Ant2	-39.77	-27	Pass
NVNT	n40	5755	Ant1	-35.6	-27	Pass
NVNT	n40	5795	Ant1	-35.53	-27	Pass
NVNT	n40	5755	Ant2	-38.36	-27	Pass
NVNT	n40	5795	Ant2	-40.79	-27	Pass
NVNT	ac20	5745	Ant1	-35.24	-27	Pass
NVNT	ac20	5785	Ant1	-35.87	-27	Pass
NVNT	ac20	5825	Ant1	-35.21	-27	Pass
NVNT	ac20	5745	Ant2	-39.81	-27	Pass
NVNT	ac20	5785	Ant2	-40.3	-27	Pass
NVNT	ac20	5825	Ant2	-40.26	-27	Pass
NVNT	ac40	5755	Ant1	-34.5	-27	Pass
NVNT	ac40	5795	Ant1	-35.45	-27	Pass
NVNT	ac40	5755	Ant2	-39.73	-27	Pass
NVNT	ac40	5795	Ant2	-40.11	-27	Pass
NVNT	ac80	5775	Ant1	-36.18	-27	Pass
NVNT	ac80	5775	Ant2	-40.98	-27	Pass
NVNT	ax20	5745	Ant1	-35	-27	Pass
NVNT	ax20	5785	Ant1	-35.52	-27	Pass
NVNT	ax20	5825	Ant1	-35.66	-27	Pass
NVNT	ax20	5745	Ant2	-39.83	-27	Pass
NVNT	ax20	5785	Ant2	-39.71	-27	Pass
NVNT	ax20	5825	Ant2	-40.42	-27	Pass
NVNT	ax40	5755	Ant1	-34.03	-27	Pass
NVNT	ax40	5795	Ant1	-35.41	-27	Pass
NVNT	ax40	5755	Ant2	-39.68	-27	Pass
NVNT	ax40	5795	Ant2	-40.44	-27	Pass
NVNT	ax80	5775	Ant1	-34.56	-27	Pass
NVNT	ax80	5775	Ant2	-40.3	-27	Pass

Test Graphs

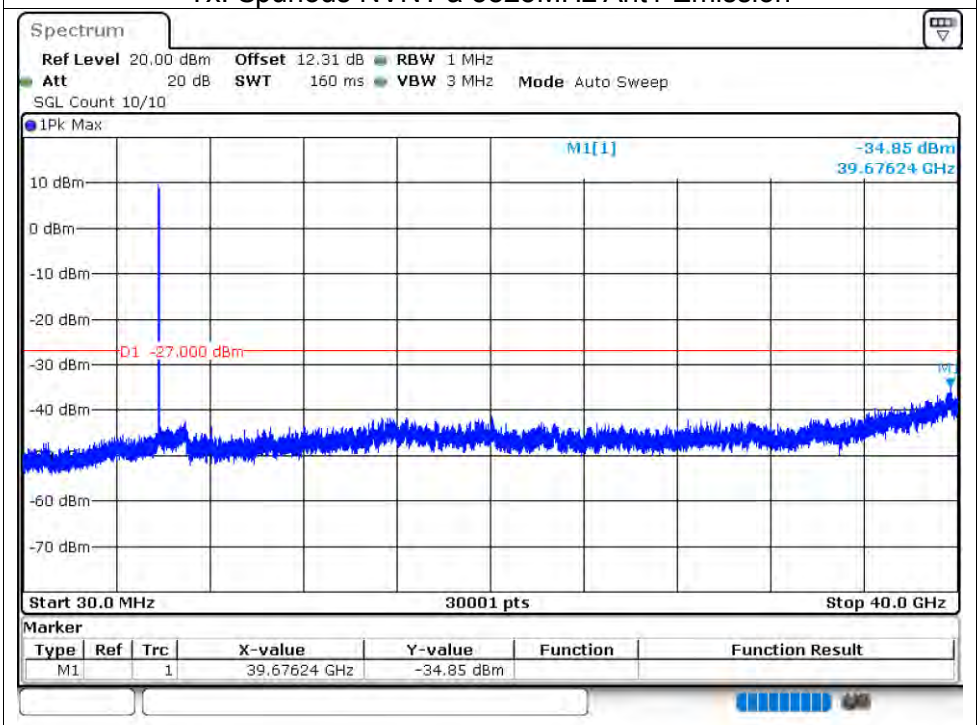
Tx. Spurious NVNT a 5745MHz Ant1 Emission



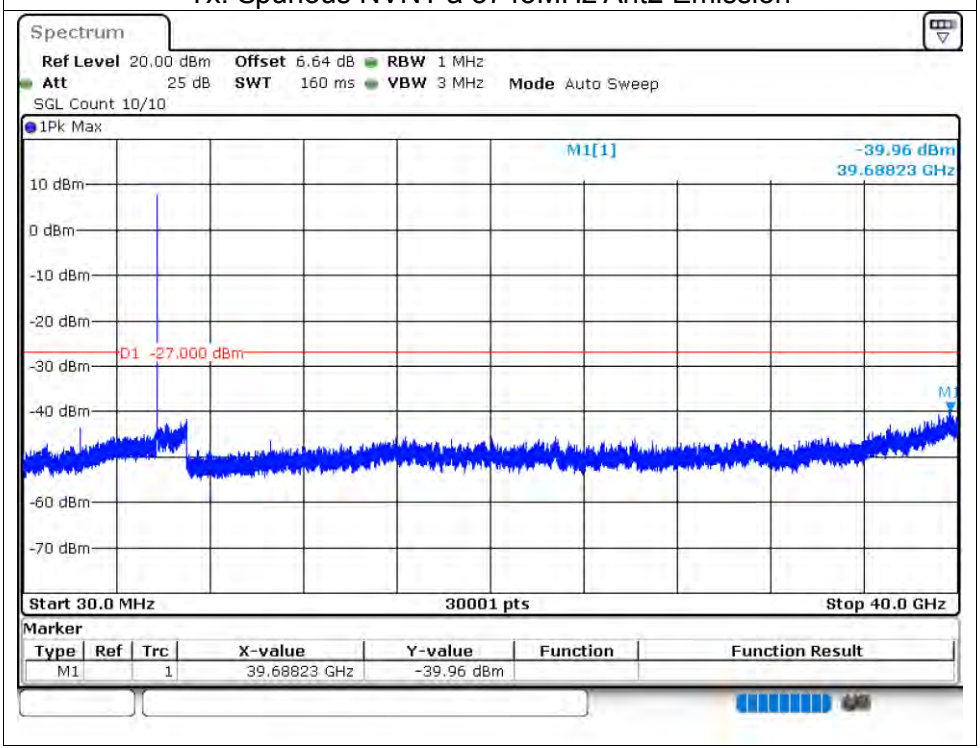
Tx. Spurious NVNT a 5785MHz Ant1 Emission



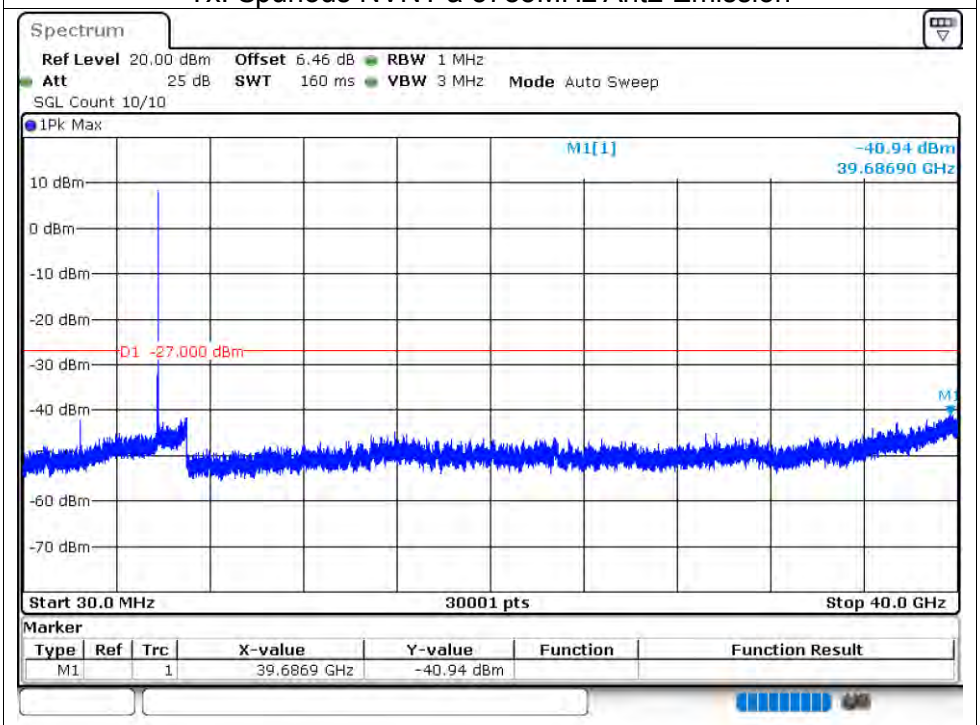
Tx. Spurious NVNT a 5825MHz Ant1 Emission



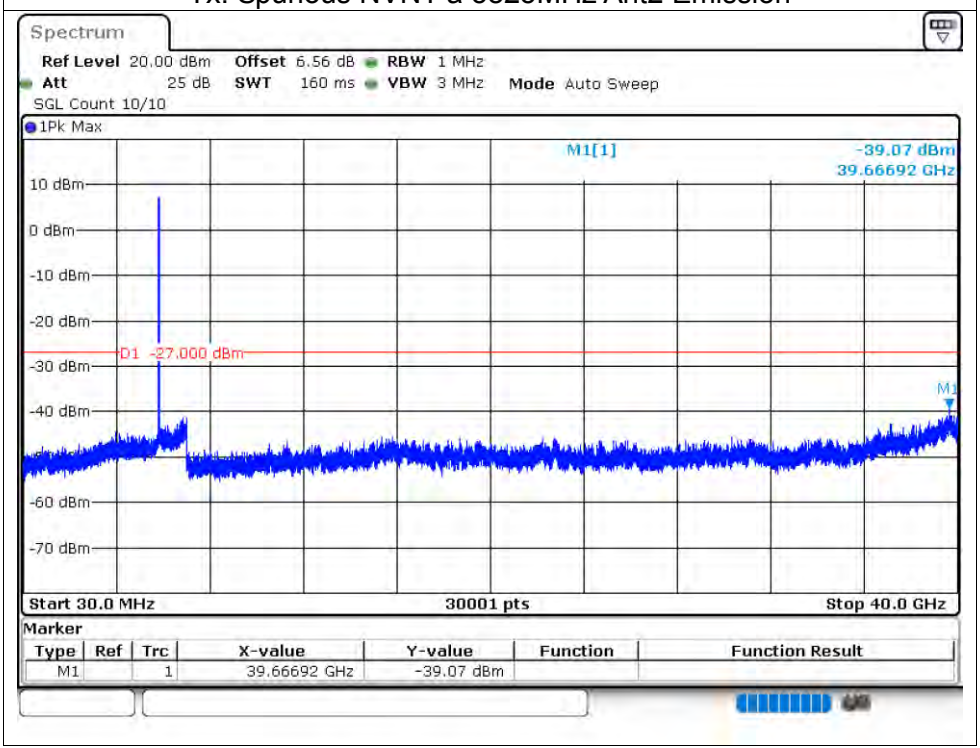
Tx. Spurious NVNT a 5745MHz Ant2 Emission



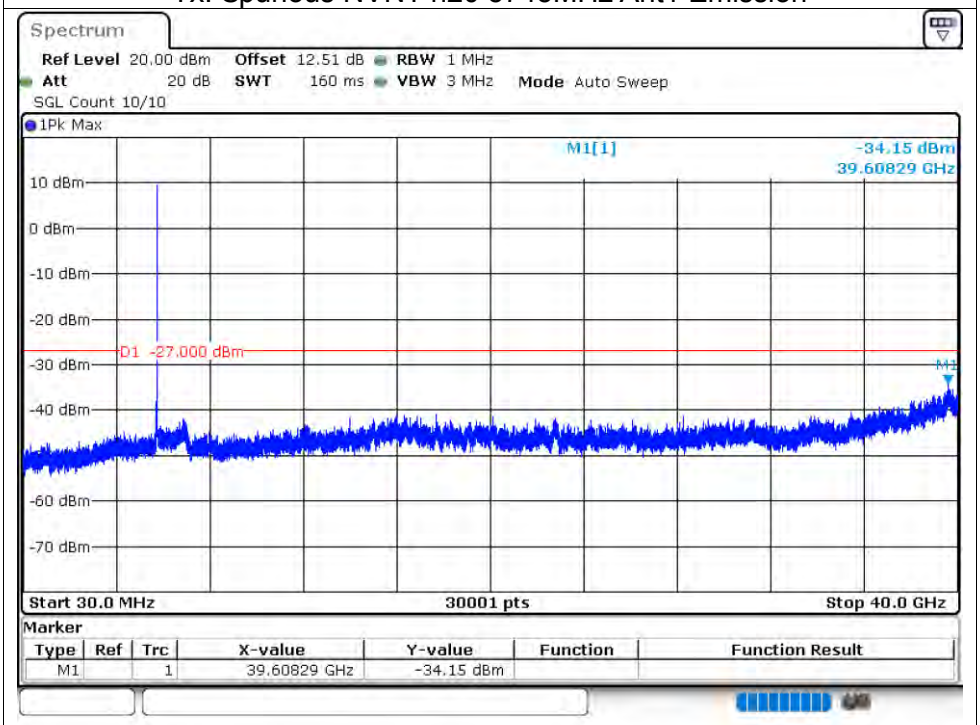
Tx. Spurious NVNT a 5785MHz Ant2 Emission



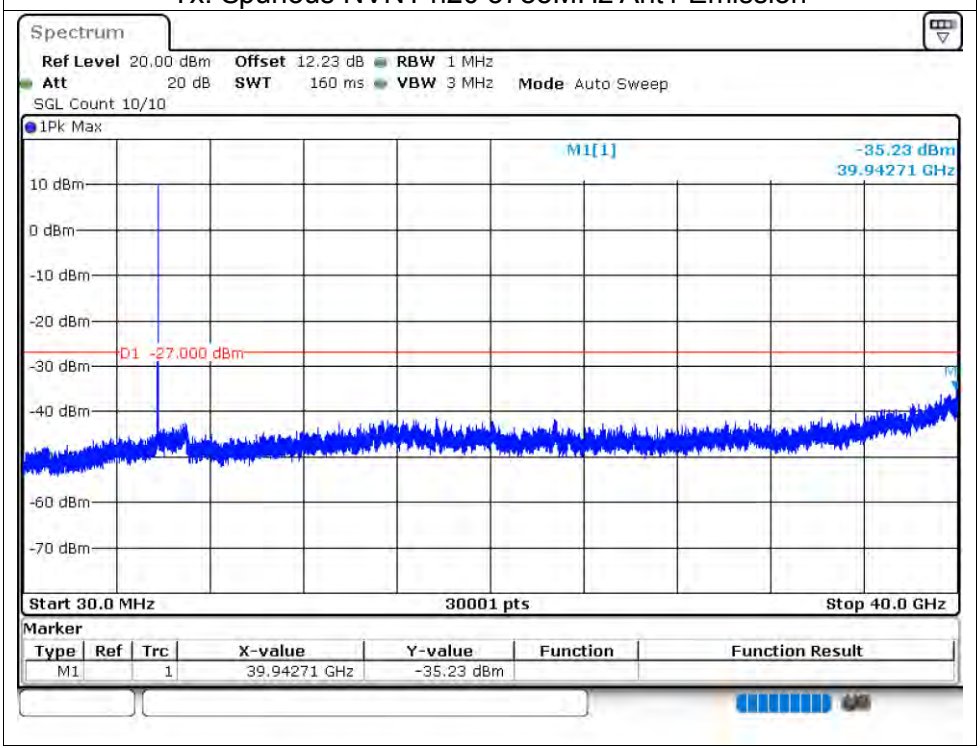
Tx. Spurious NVNT a 5825MHz Ant2 Emission



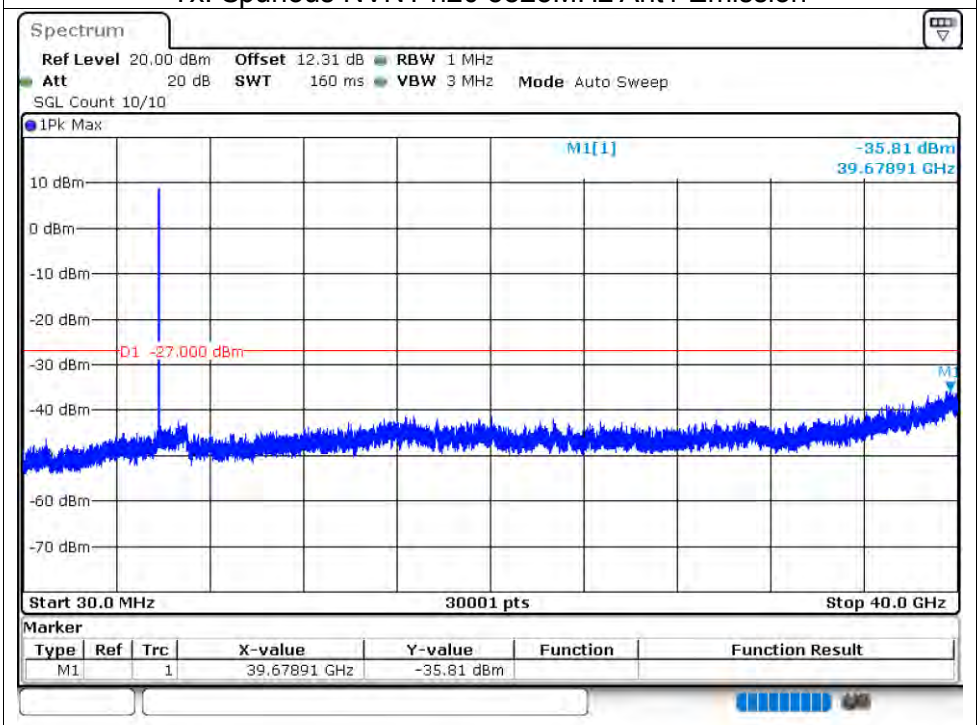
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



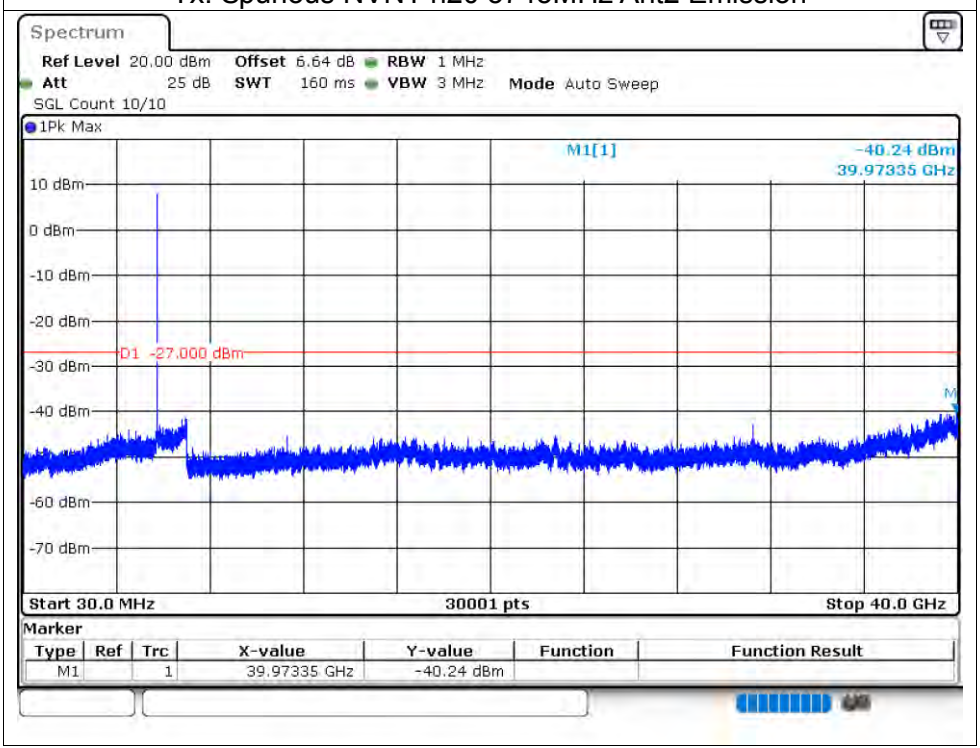
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



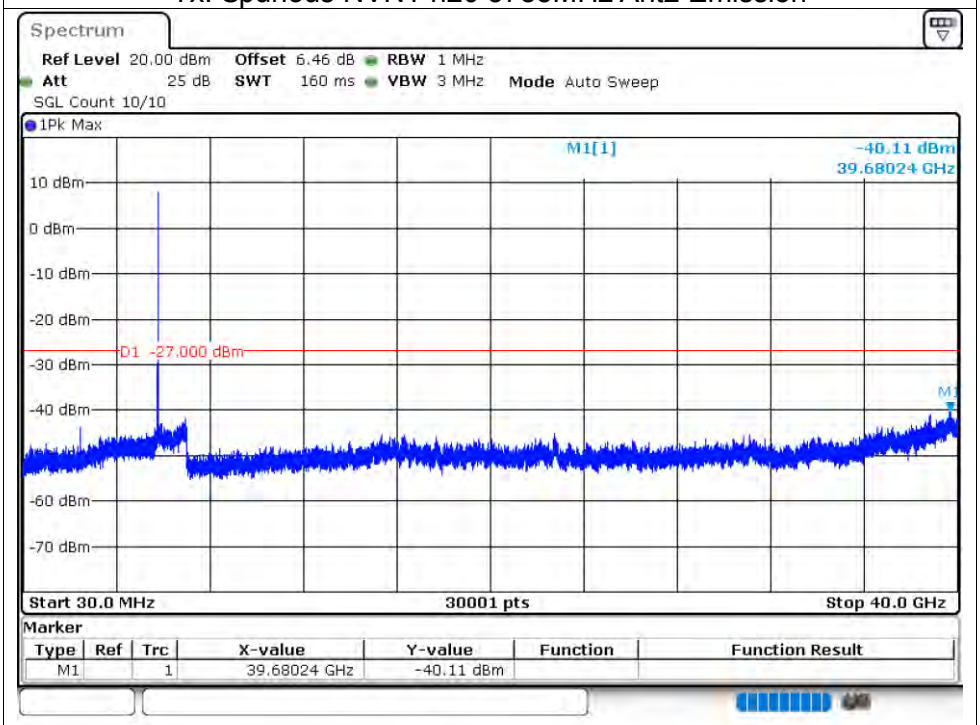
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



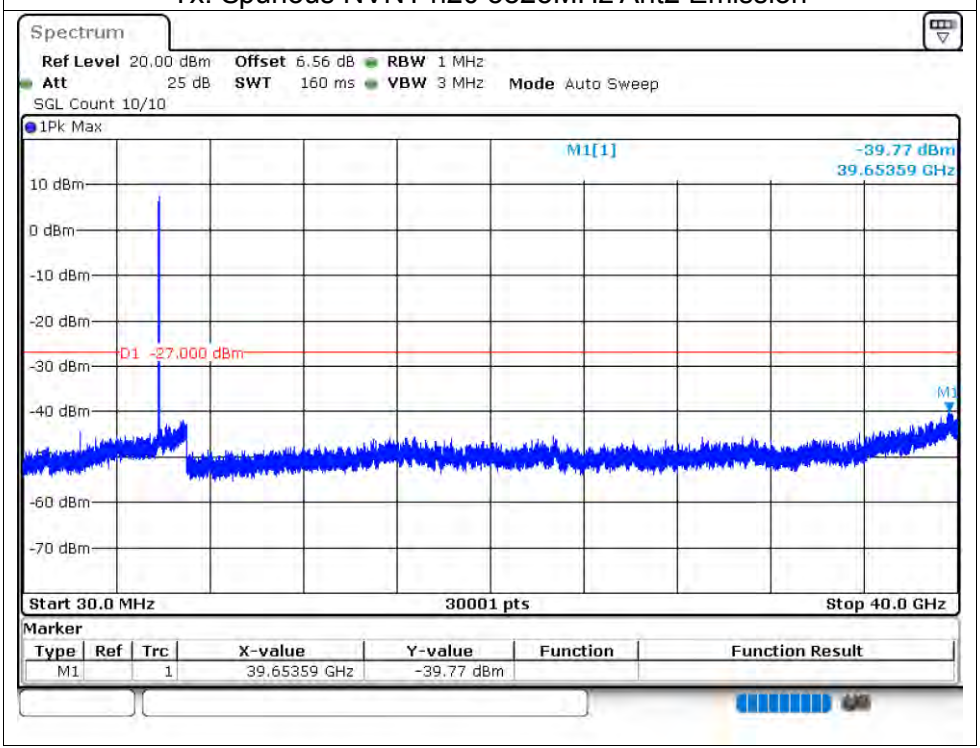
Tx. Spurious NVNT n20 5745MHz Ant2 Emission



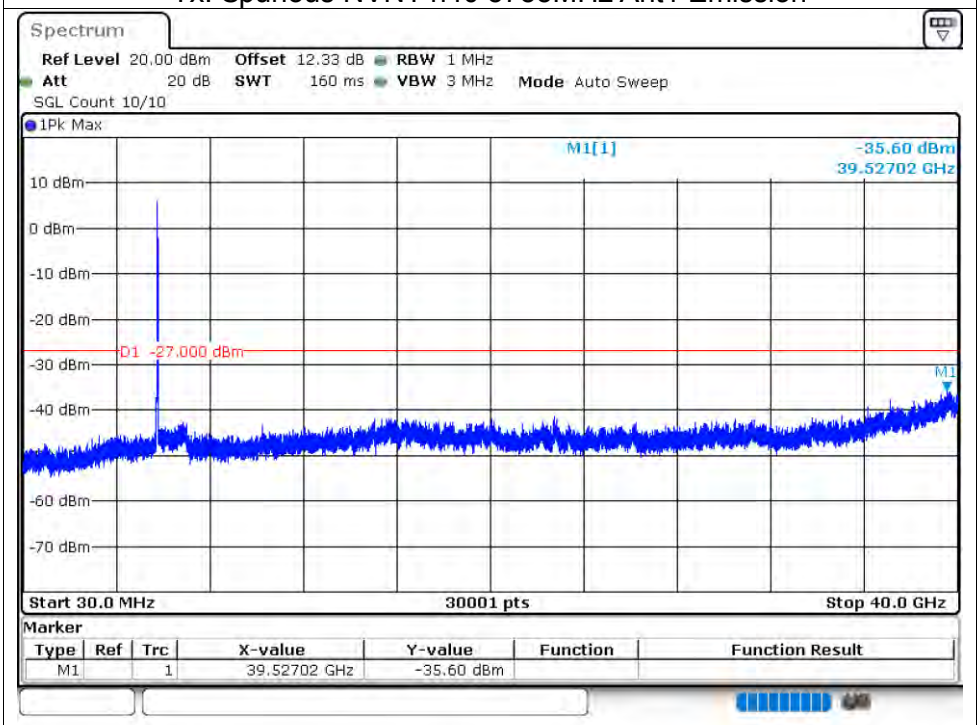
Tx. Spurious NVNT n20 5785MHz Ant2 Emission



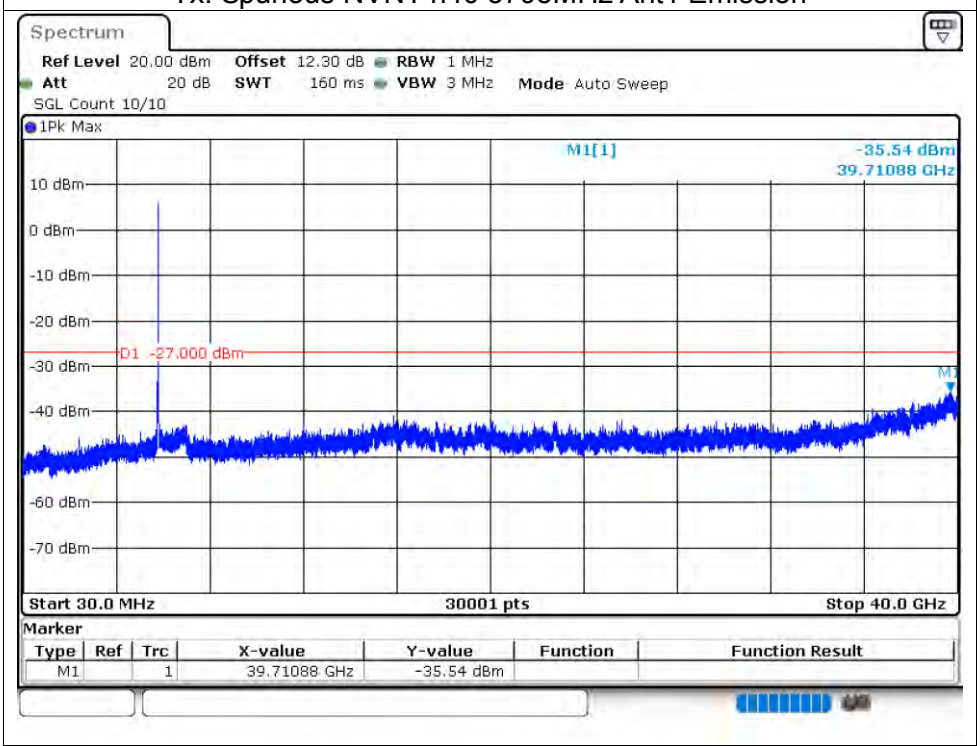
Tx. Spurious NVNT n20 5825MHz Ant2 Emission



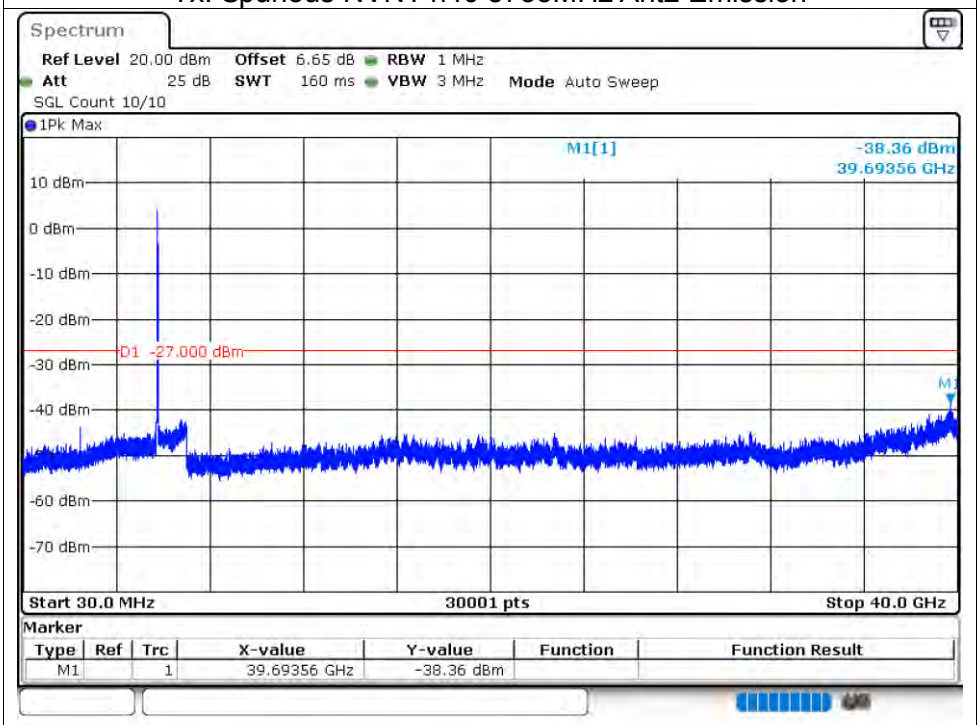
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



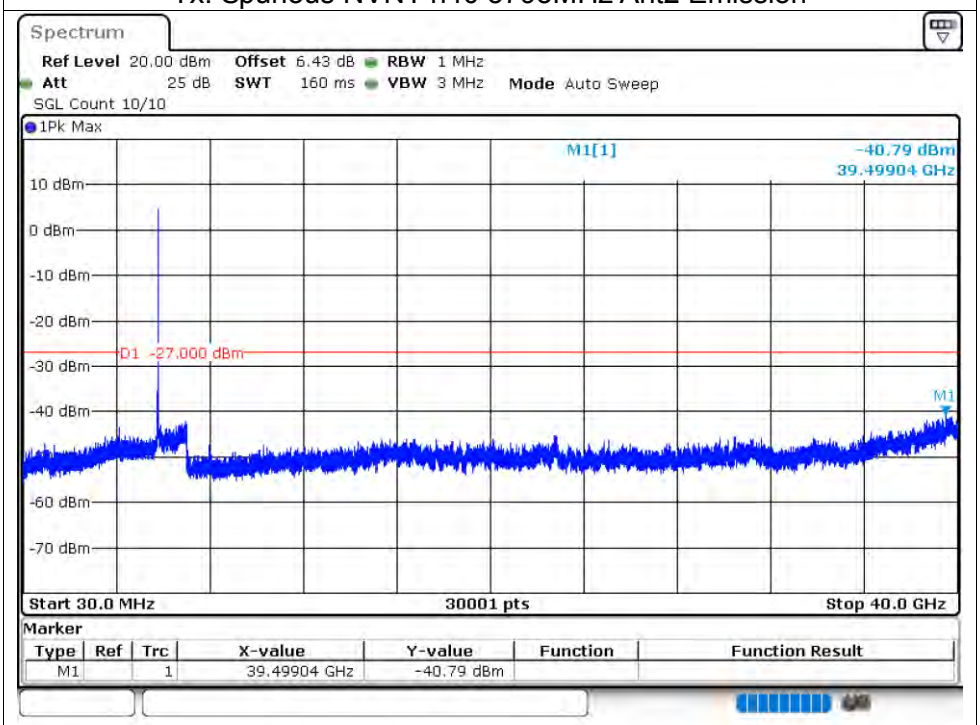
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



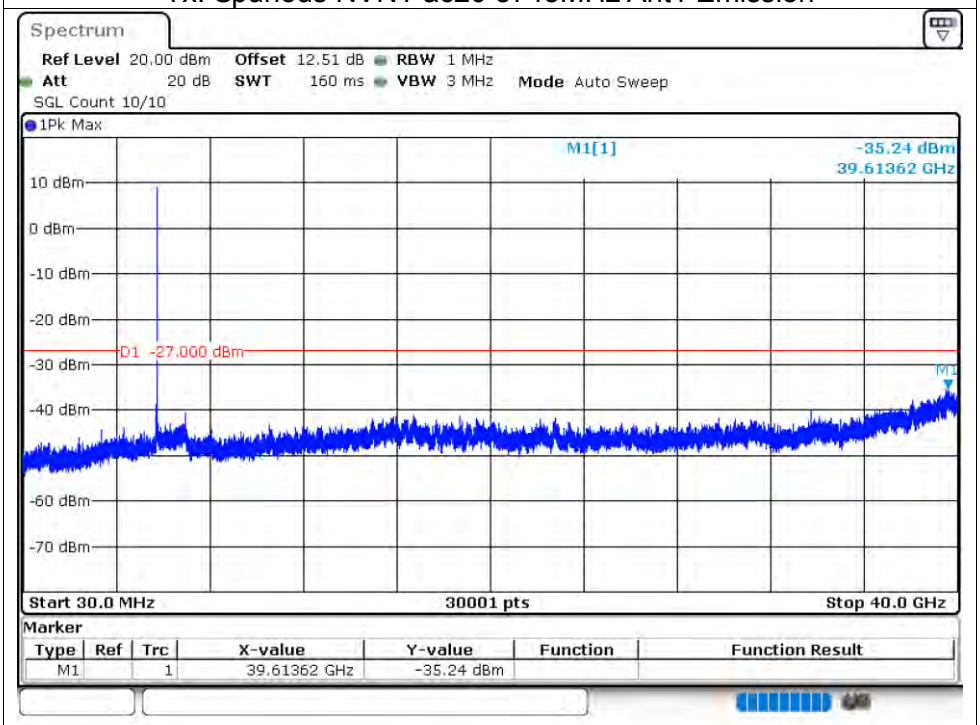
Tx. Spurious NVNT n40 5755MHz Ant2 Emission



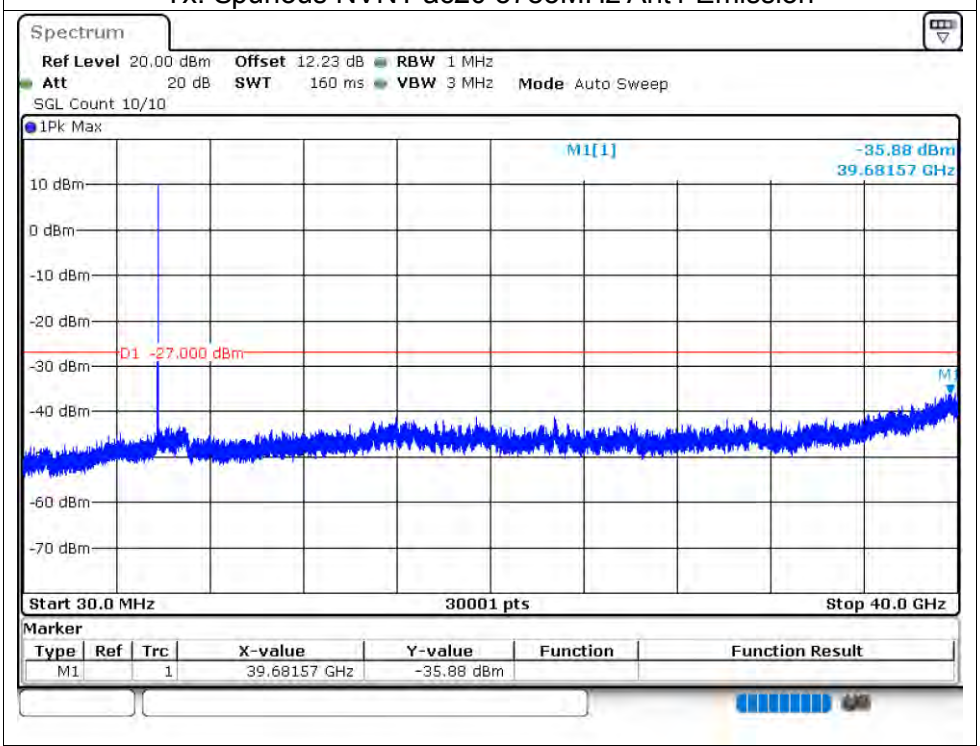
Tx. Spurious NVNT n40 5795MHz Ant2 Emission



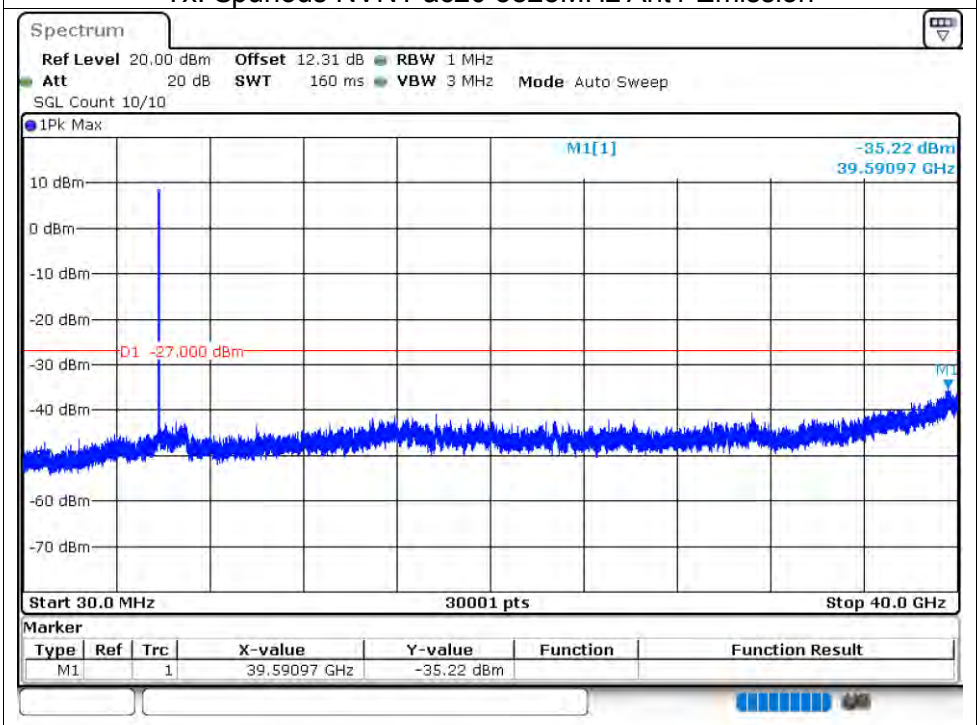
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



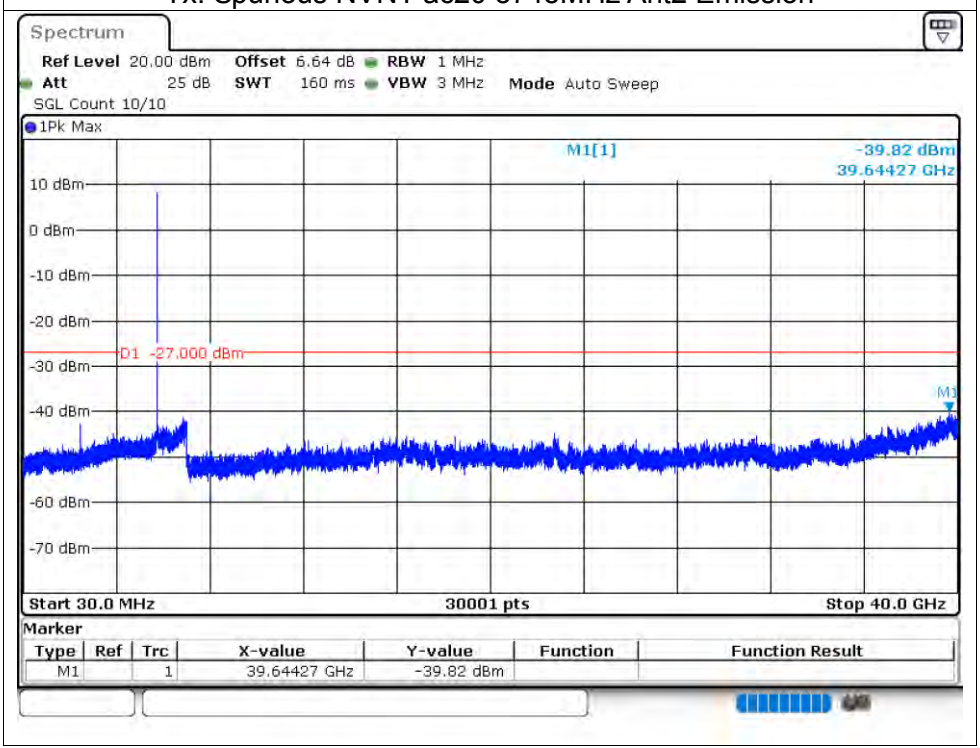
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



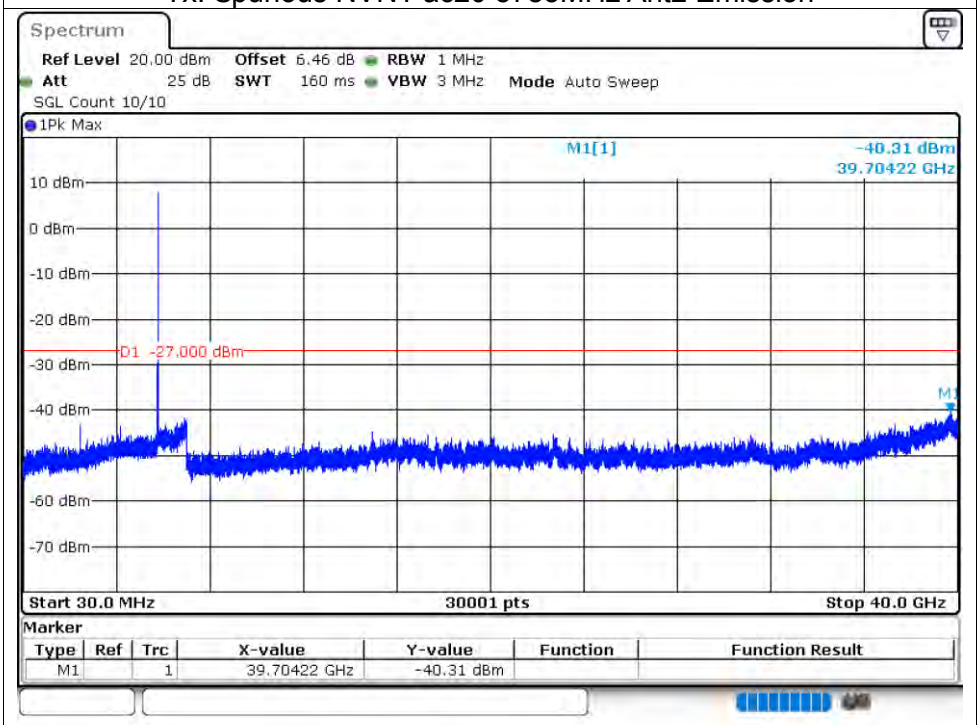
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



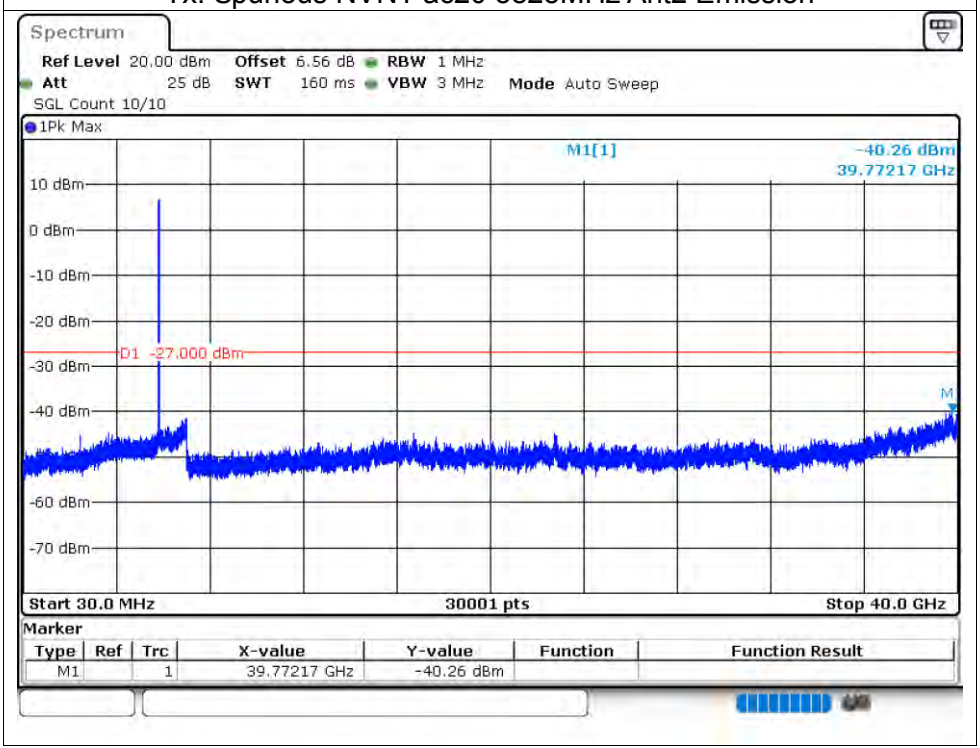
Tx. Spurious NVNT ac20 5745MHz Ant2 Emission



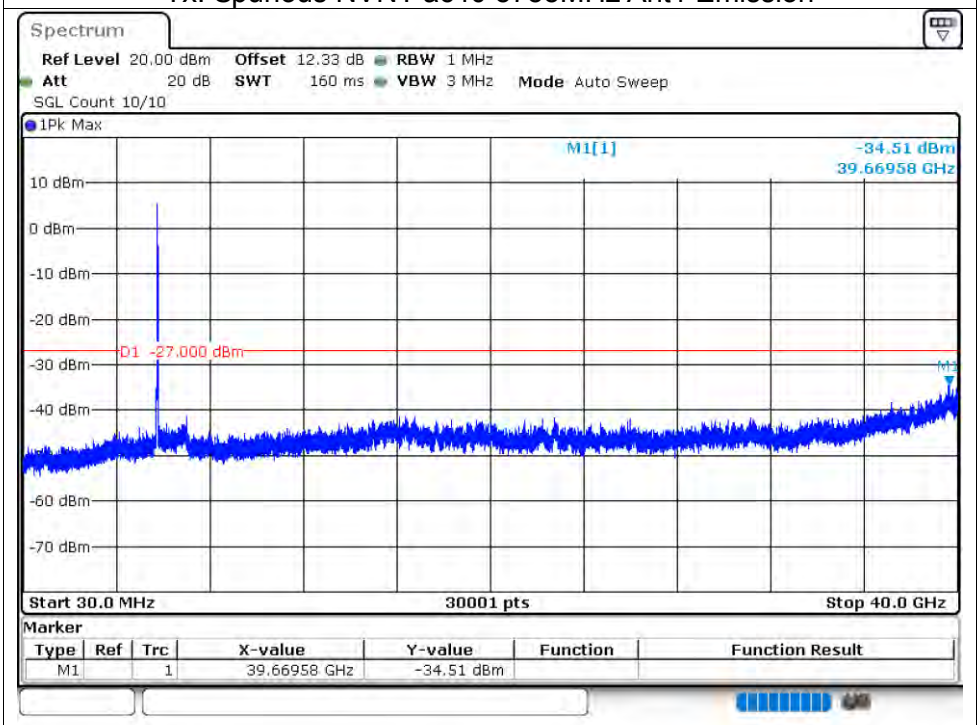
Tx. Spurious NVNT ac20 5785MHz Ant2 Emission



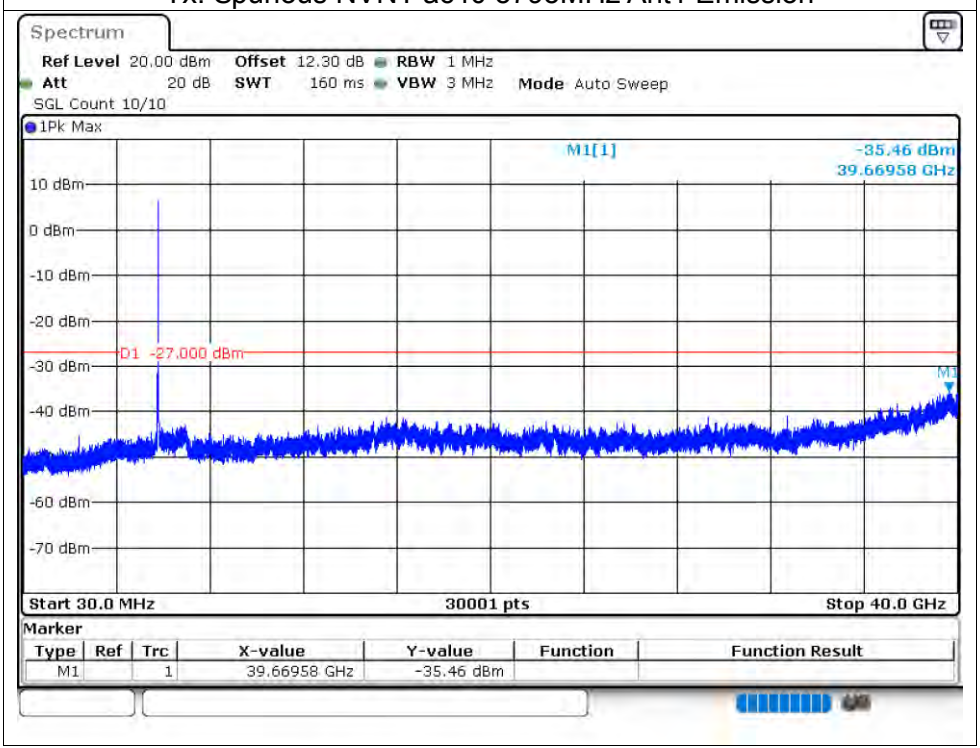
Tx. Spurious NVNT ac20 5825MHz Ant2 Emission



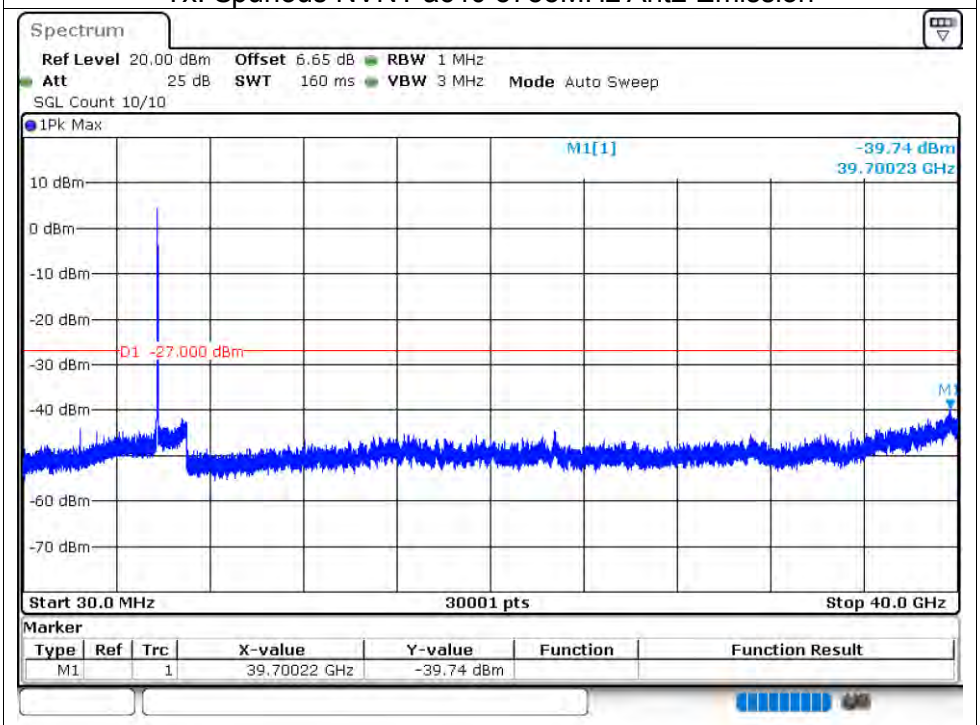
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



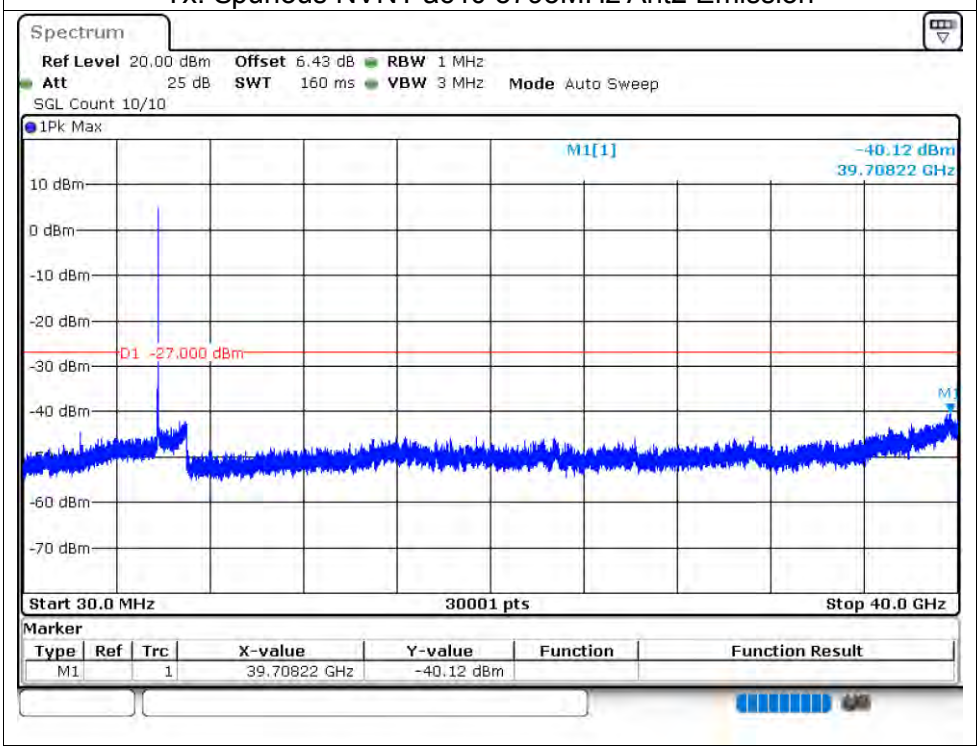
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



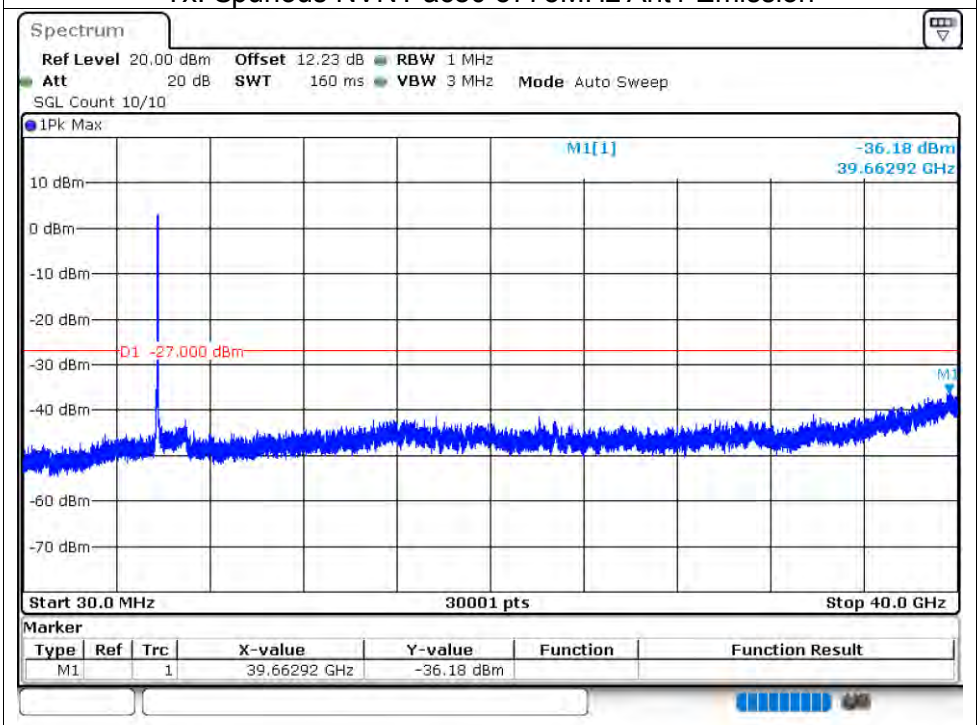
Tx. Spurious NVNT ac40 5755MHz Ant2 Emission



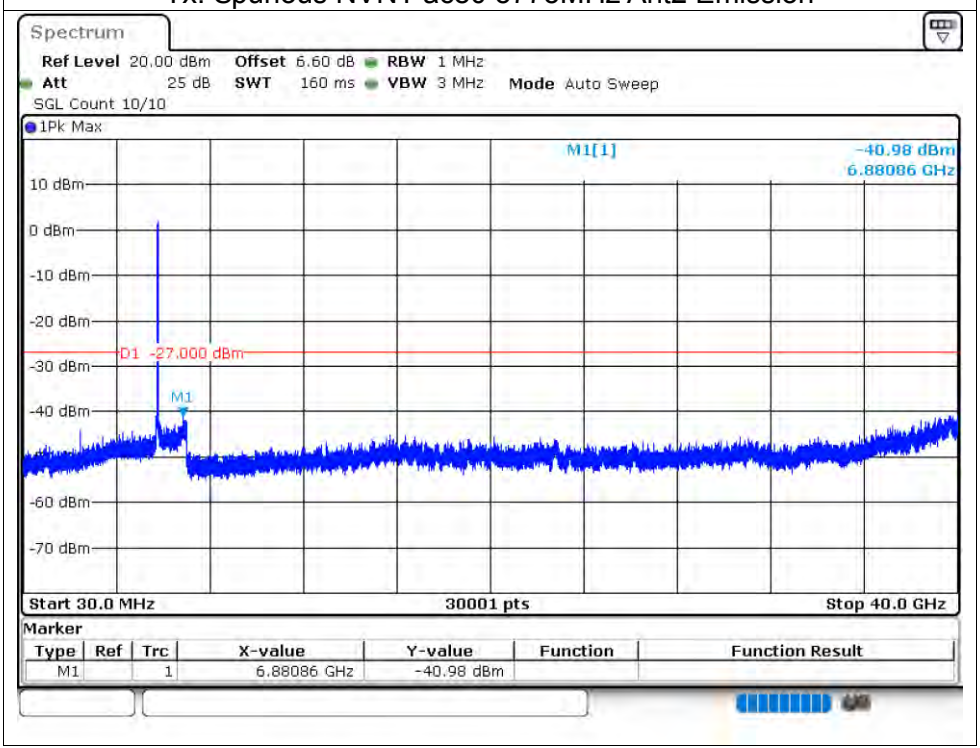
Tx. Spurious NVNT ac40 5795MHz Ant2 Emission



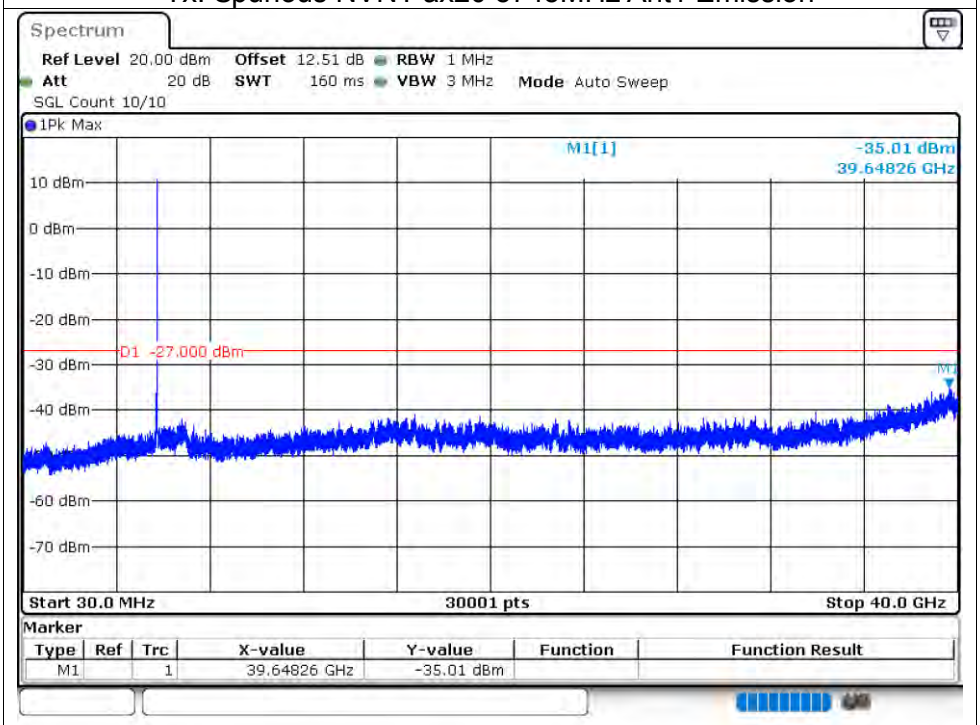
Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



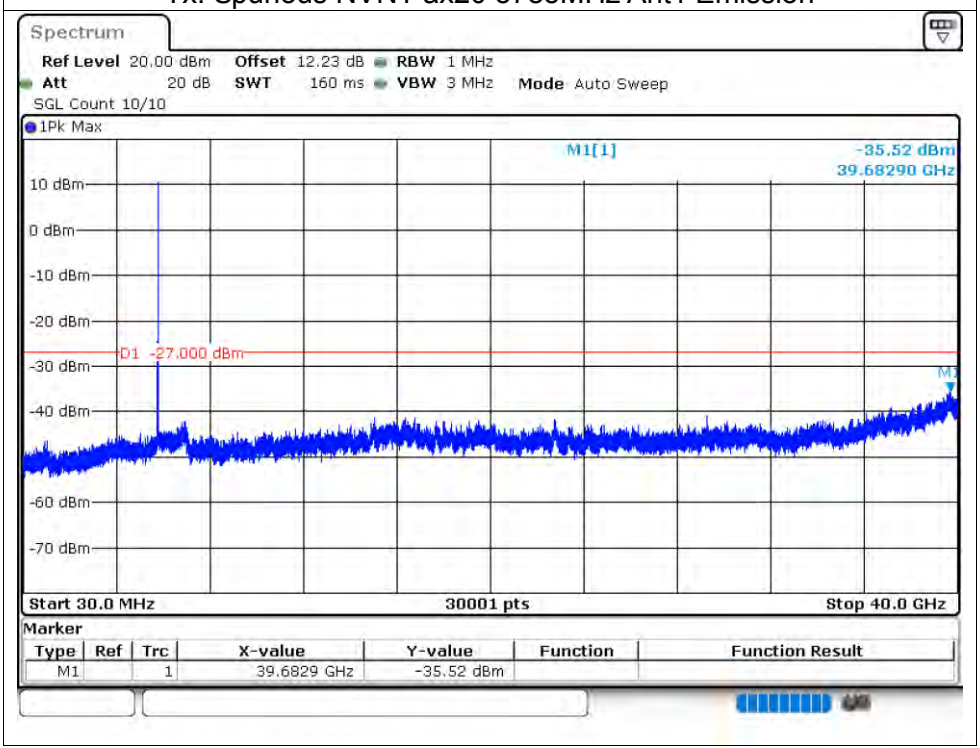
Tx. Spurious NVNT ac80 5775MHz Ant2 Emission



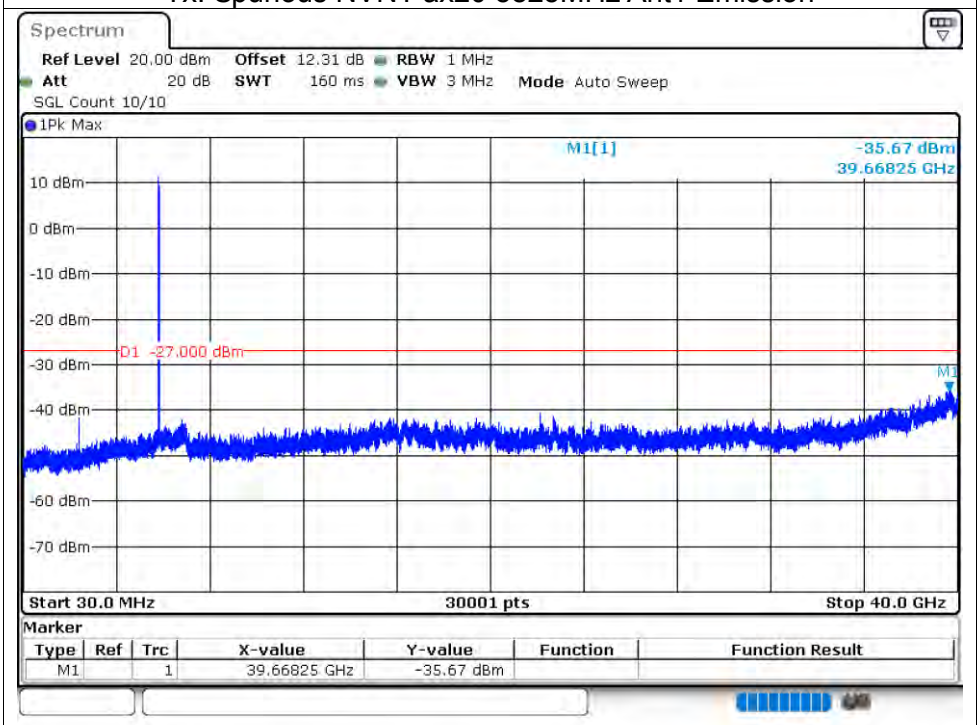
Tx. Spurious NVNT ax20 5745MHz Ant1 Emission



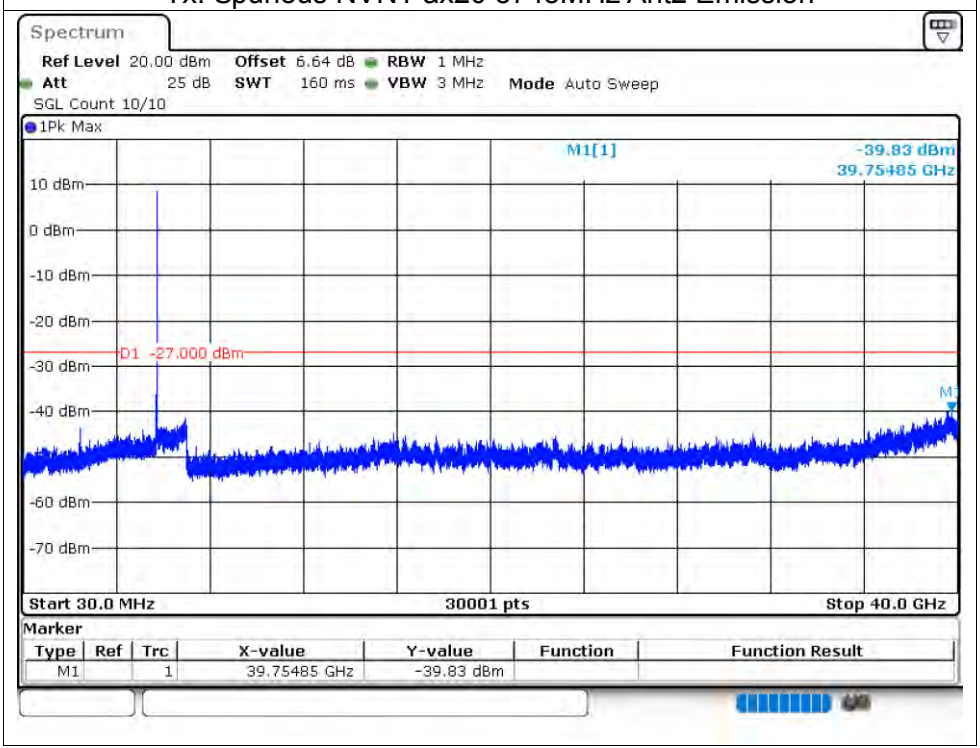
Tx. Spurious NVNT ax20 5785MHz Ant1 Emission



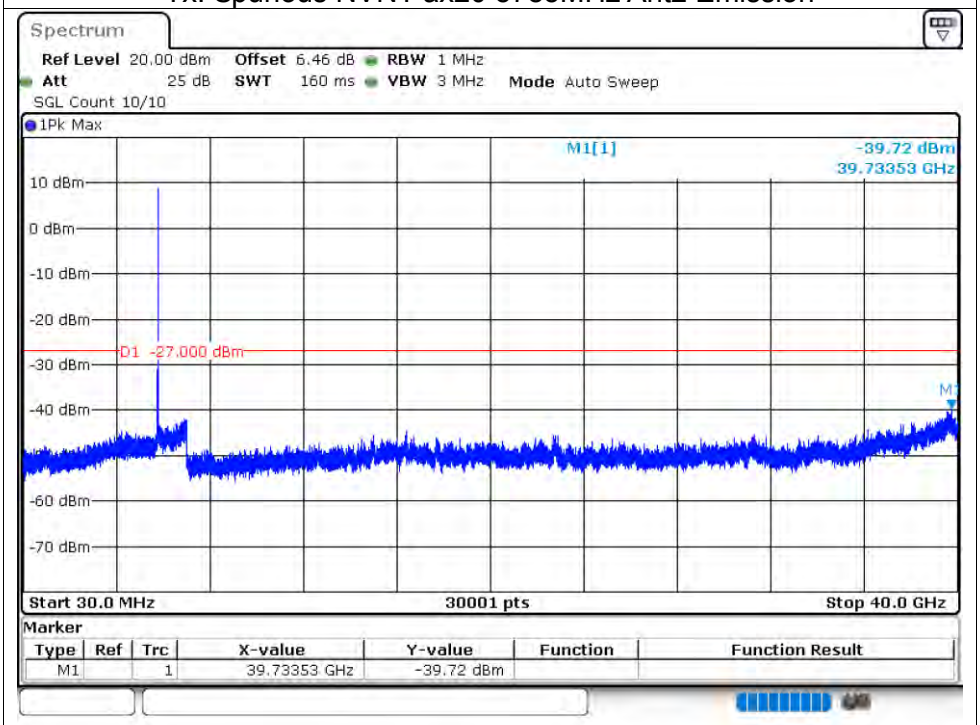
Tx. Spurious NVNT ax20 5825MHz Ant1 Emission



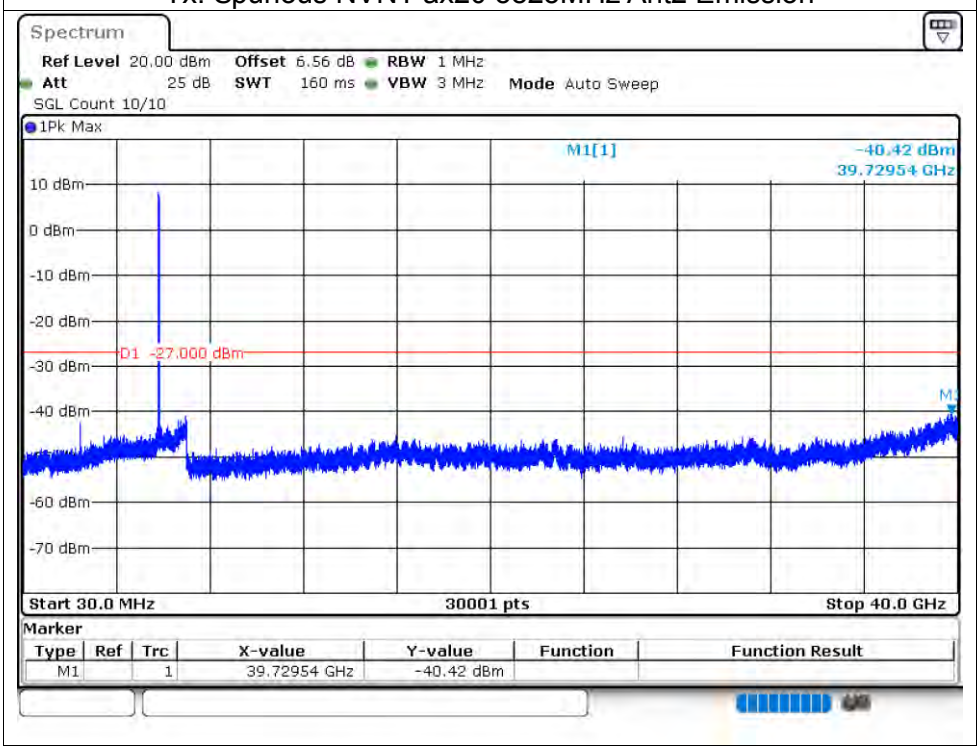
Tx. Spurious NVNT ax20 5745MHz Ant2 Emission



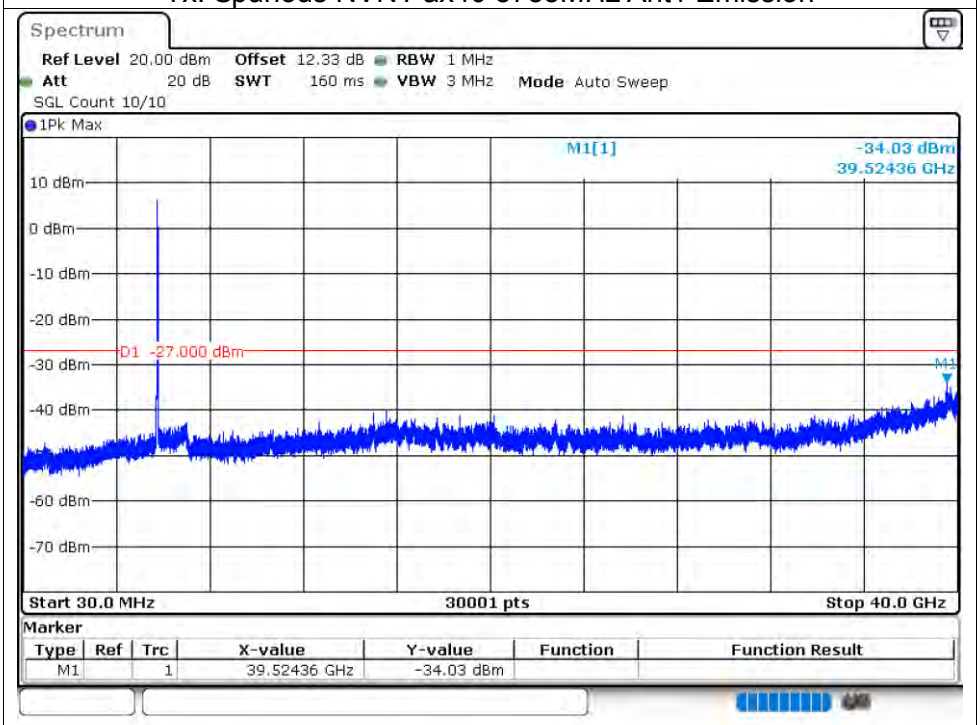
Tx. Spurious NVNT ax20 5785MHz Ant2 Emission



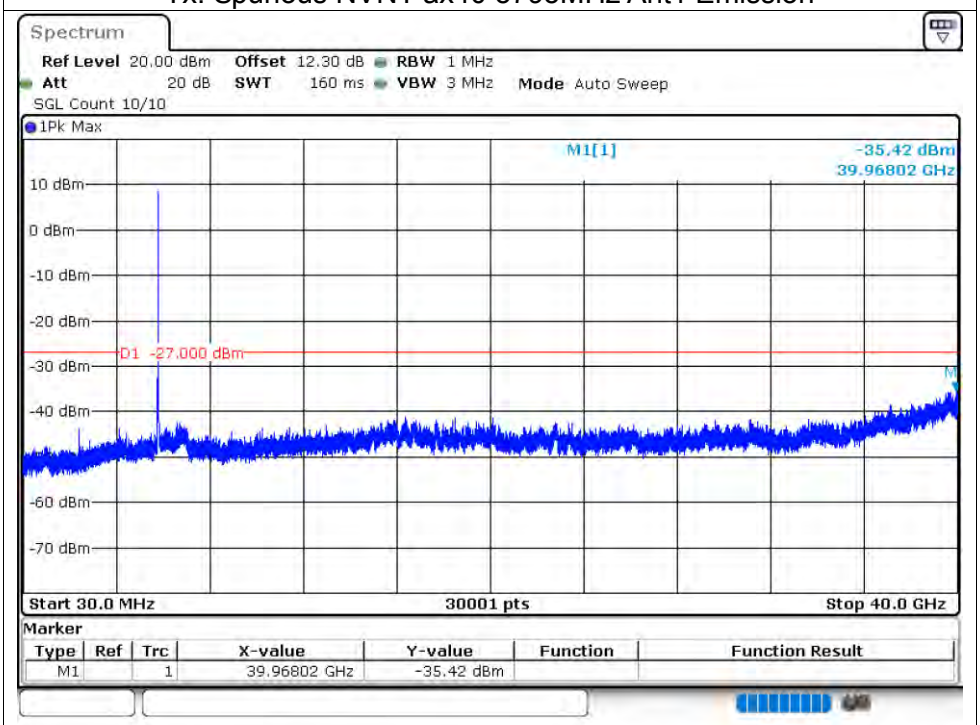
Tx. Spurious NVNT ax20 5825MHz Ant2 Emission



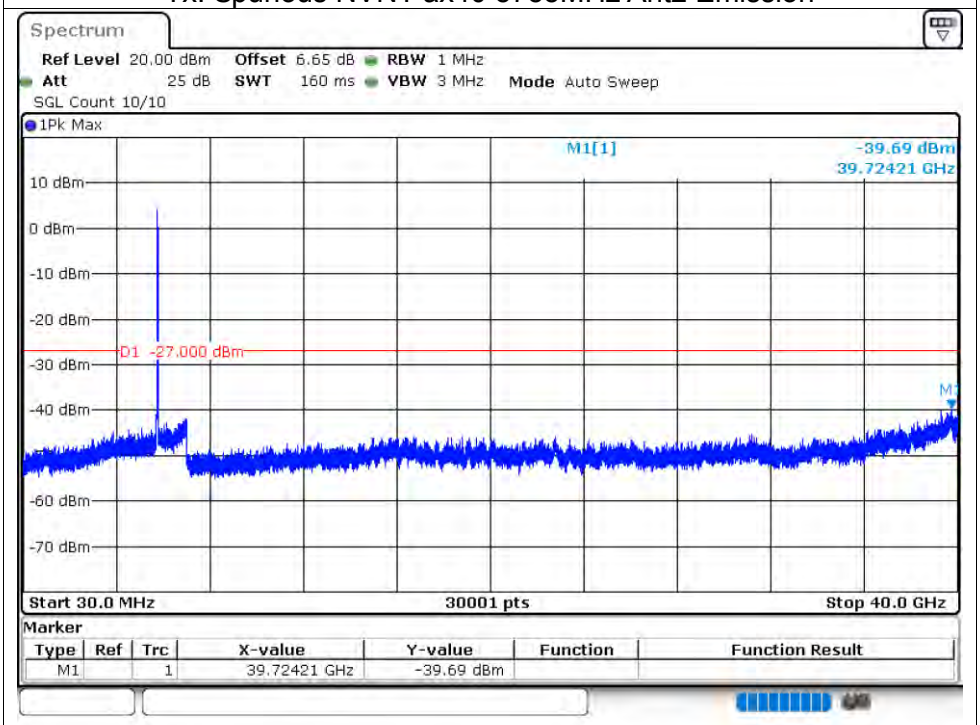
Tx. Spurious NVNT ax40 5755MHz Ant1 Emission



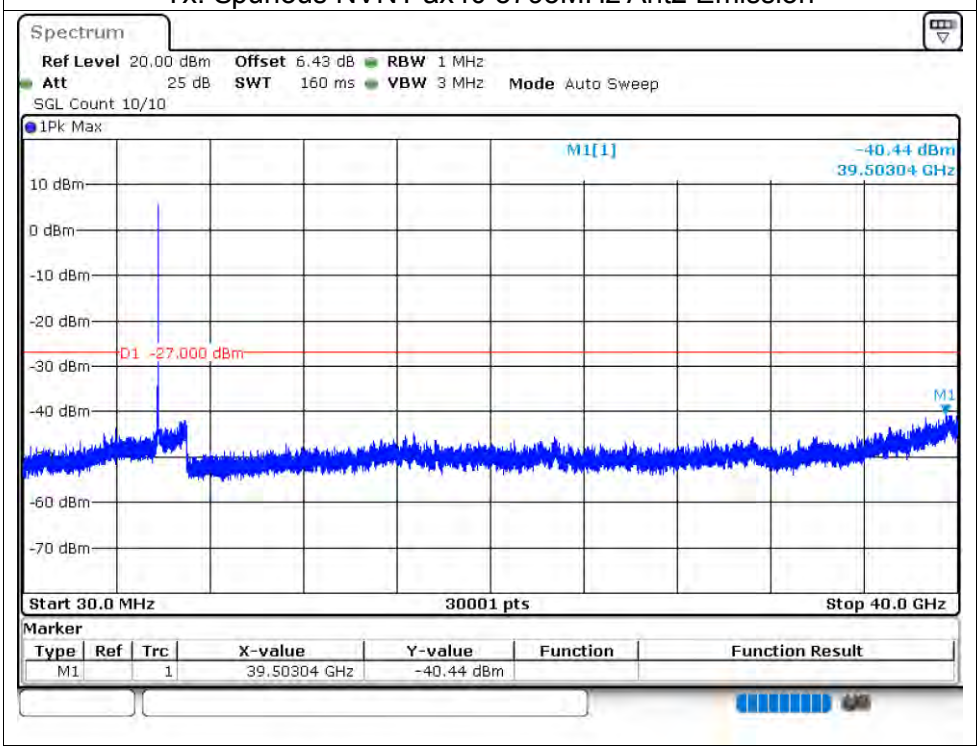
Tx. Spurious NVNT ax40 5795MHz Ant1 Emission



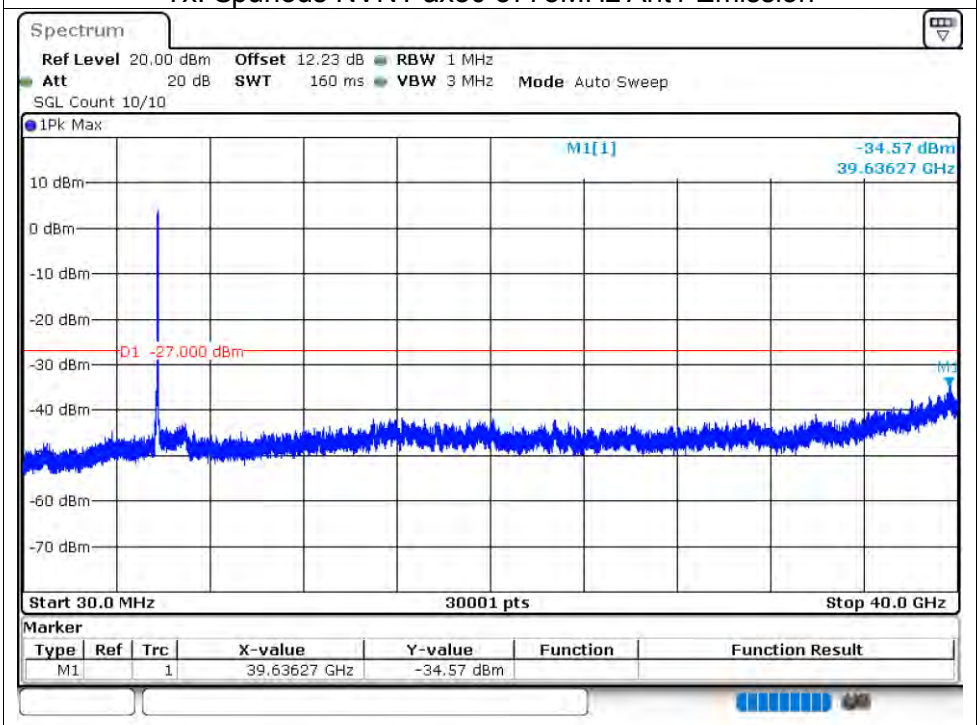
Tx. Spurious NVNT ax40 5755MHz Ant2 Emission



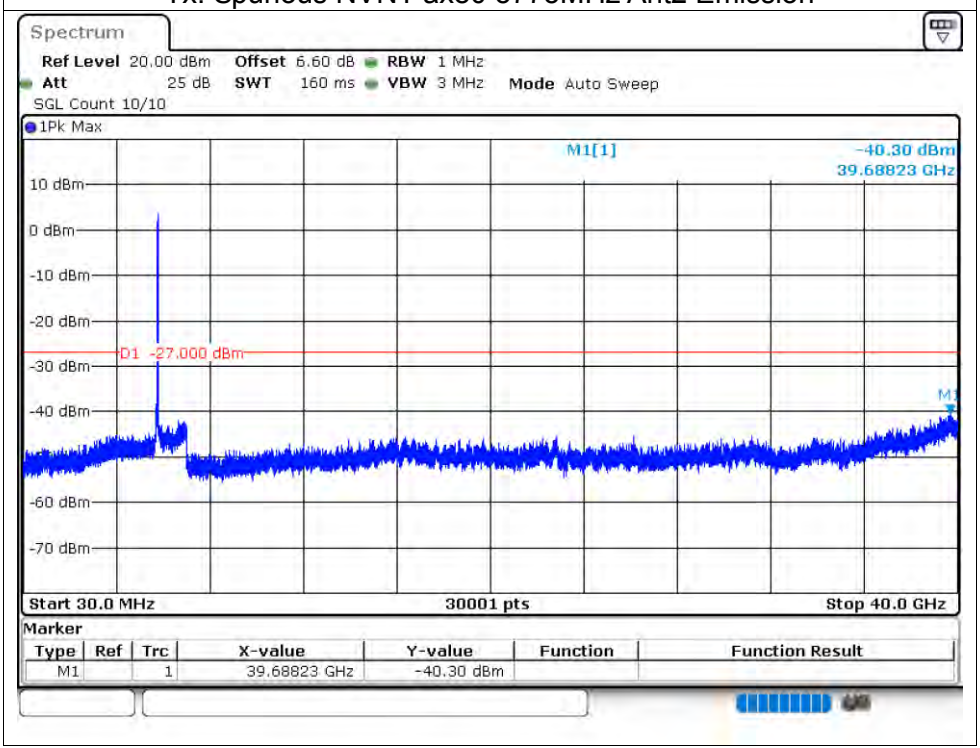
Tx. Spurious NVNT ax40 5795MHz Ant2 Emission



Tx. Spurious NVNT ax80 5775MHz Ant1 Emission



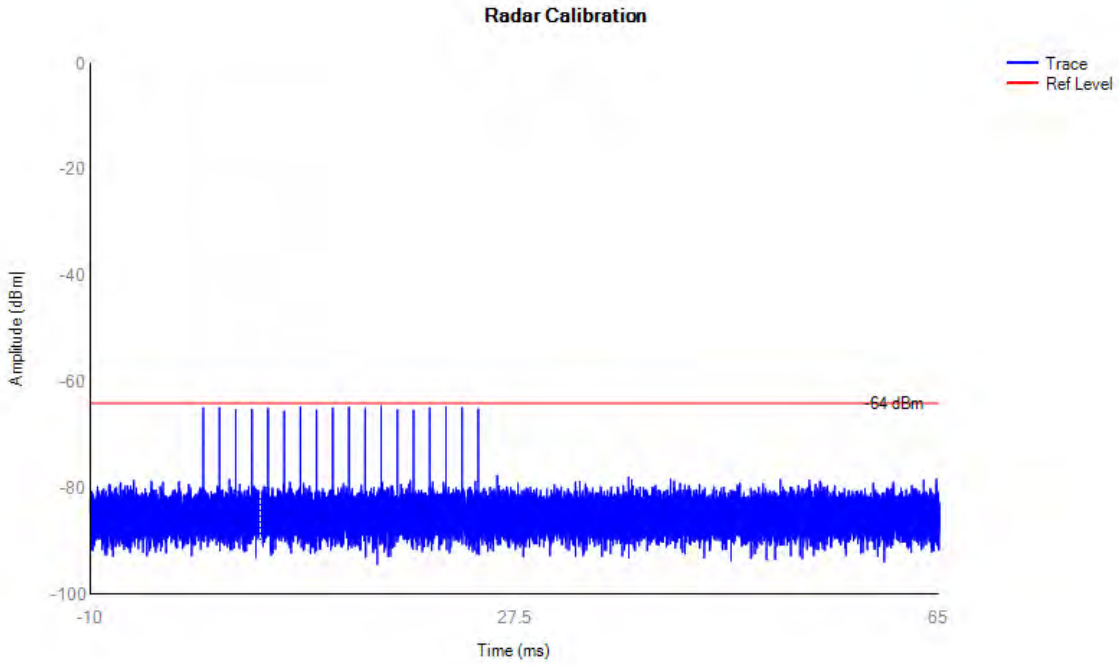
Tx. Spurious NVNT ax80 5775MHz Ant2 Emission



7.5 DFS

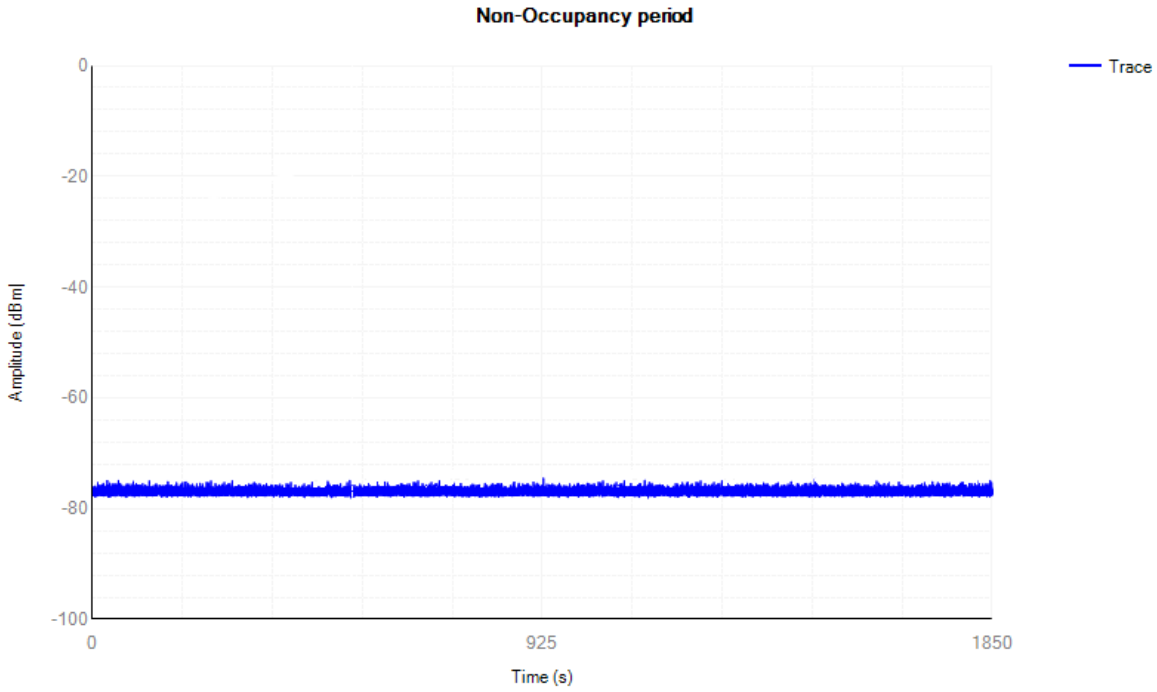
7.5.1 CALIBRATION

5570MHz ax160 DFS_FCC_T0



7.5.2 NON-OCCUPANCY

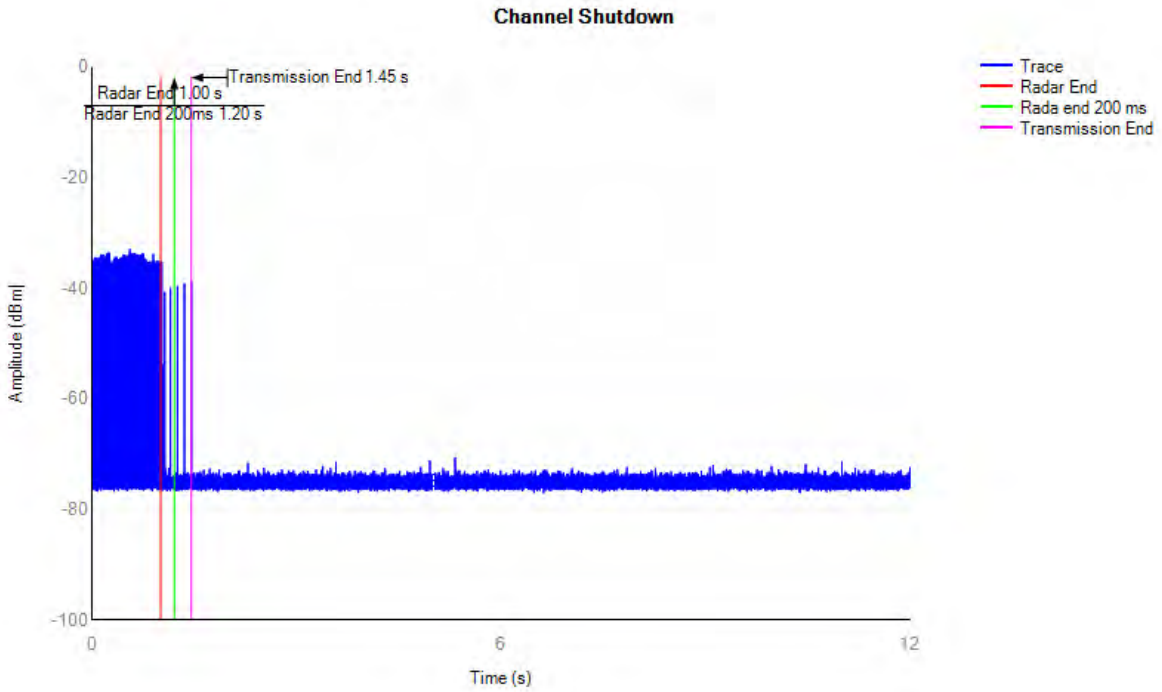
5570MHz ax160 Non-Occupancy



7.5.3 SHUTDOWN TIME

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
ax160	5570	0.4512	10	0.0072	0.26	0.0024	0.06	Pass

5570MHz ax160 Shutdown



END OF REPORT