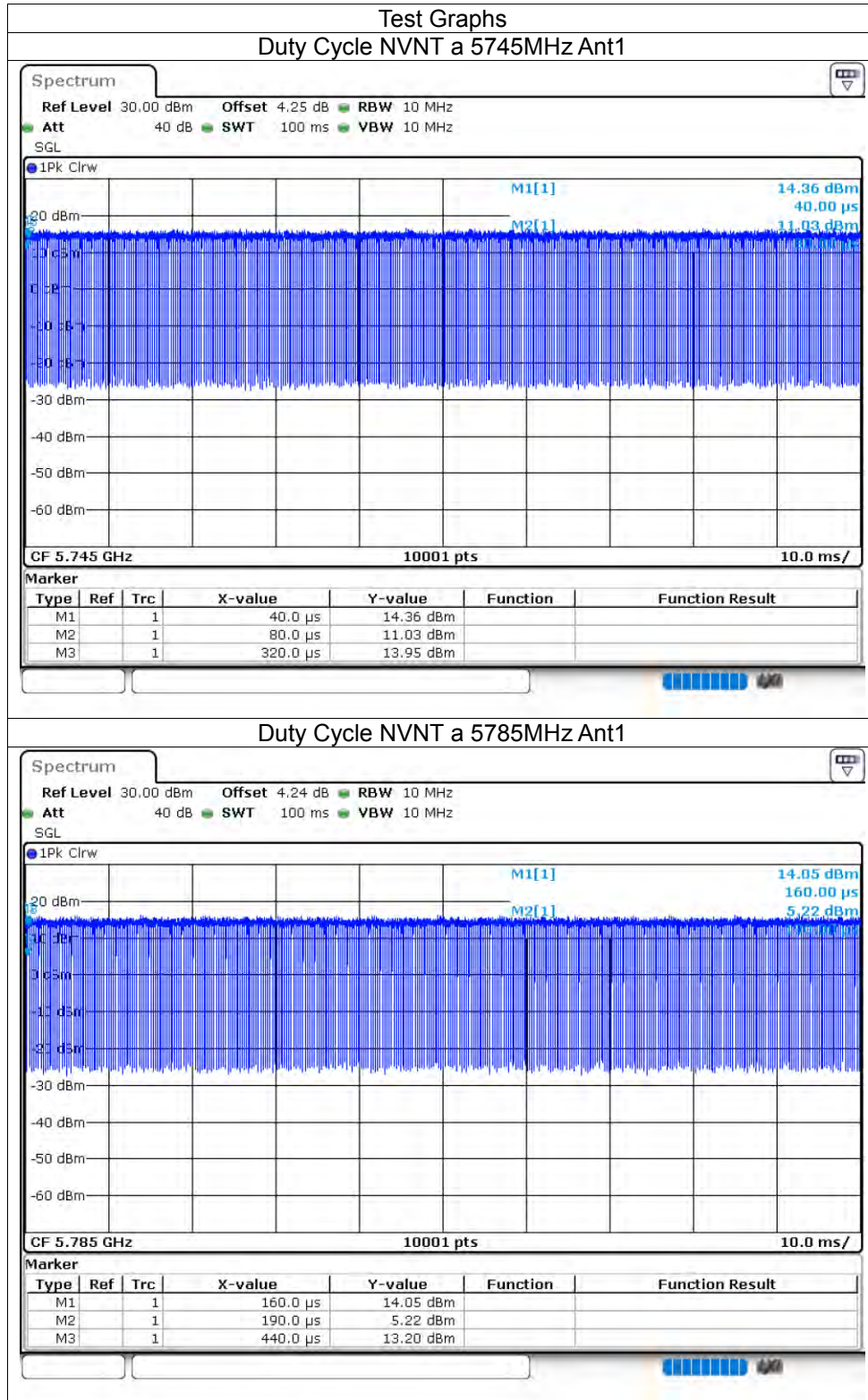
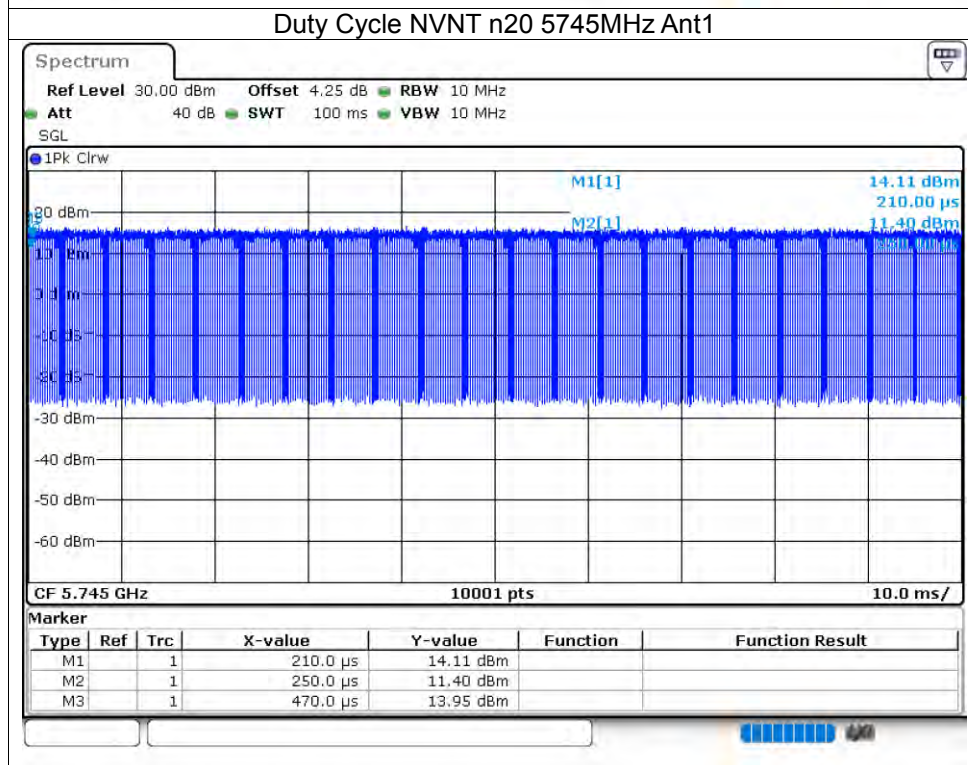
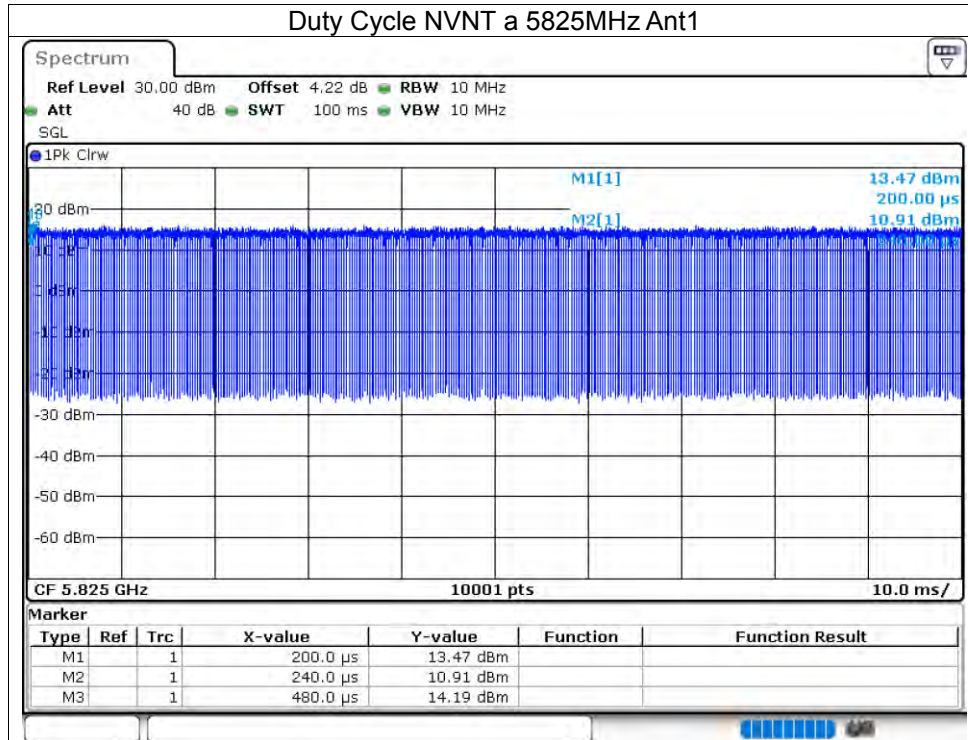


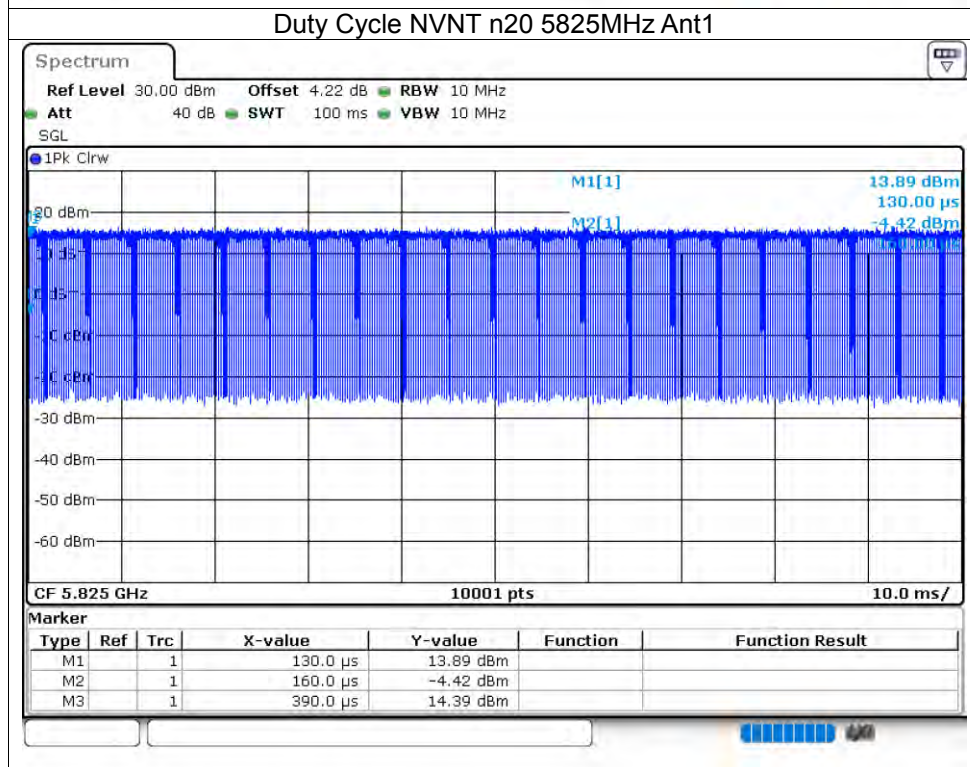
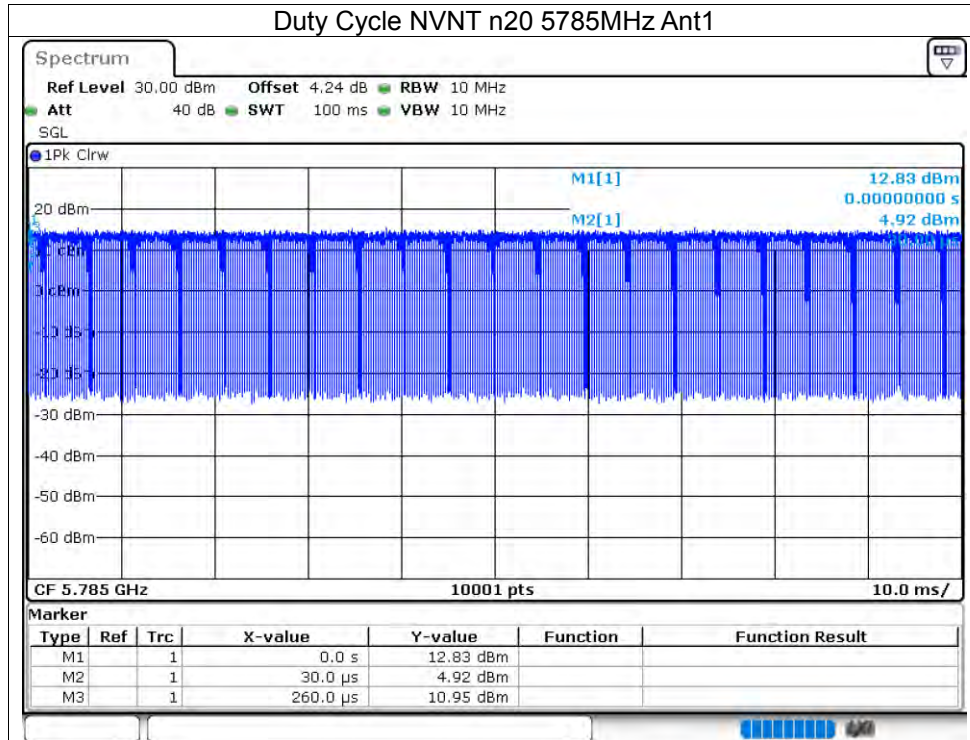
5.8G WIFI

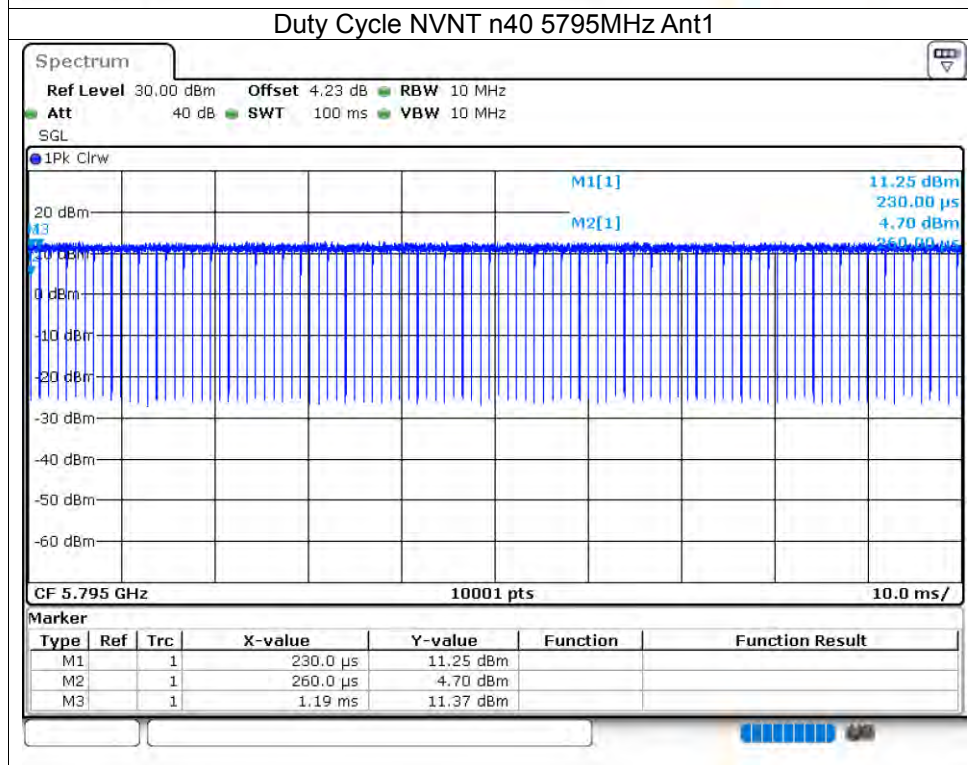
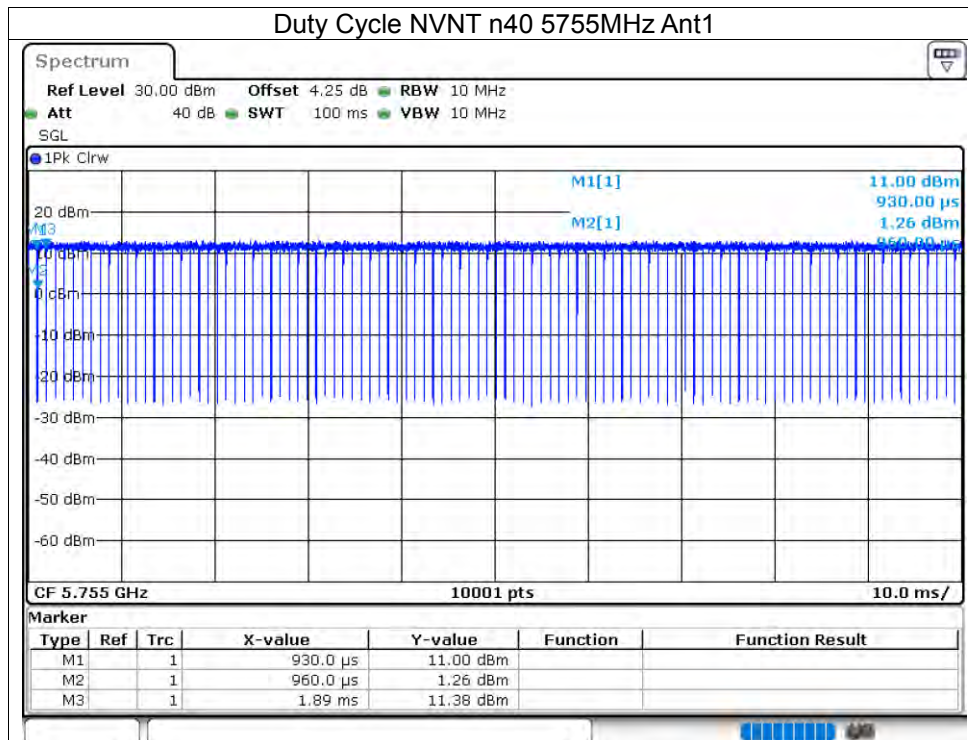
5.1 DUTY CYCLE

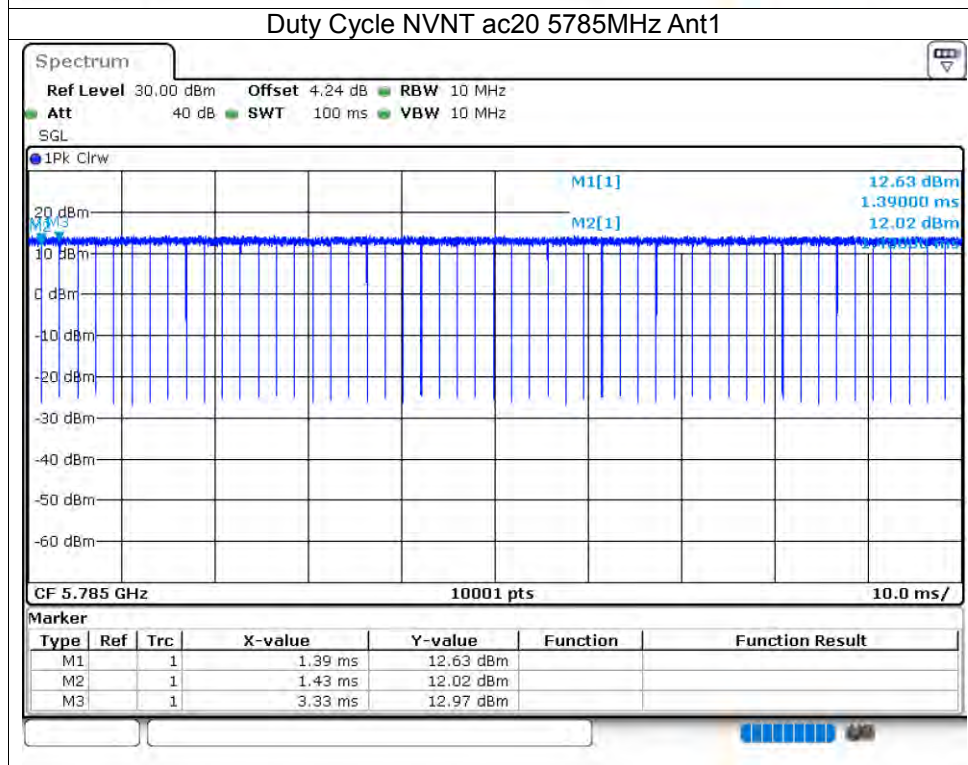
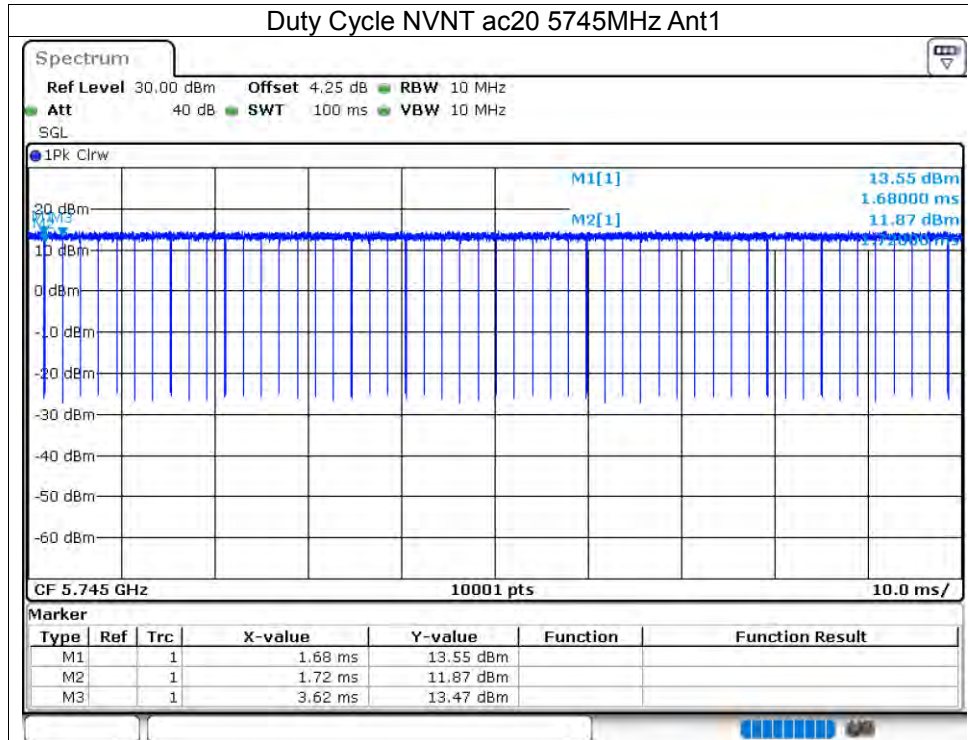
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	89.29	0.49	4.17
NVNT	a	5785	Ant1	91	0.41	4
NVNT	a	5825	Ant1	89.29	0.49	4.17
NVNT	n20	5745	Ant1	88.48	0.53	4.55
NVNT	n20	5785	Ant1	91.12	0.4	4.35
NVNT	n20	5825	Ant1	91.94	0.36	4.35
NVNT	n40	5755	Ant1	97.16	0.13	1.08
NVNT	n40	5795	Ant1	97.3	0.12	1.08
NVNT	ac20	5745	Ant1	98.73	0.06	0.53
NVNT	ac20	5785	Ant1	98.56	0.06	0.53
NVNT	ac20	5825	Ant1	98.7	0.06	0.53
NVNT	ac40	5755	Ant1	97.35	0.12	1.06
NVNT	ac40	5795	Ant1	97.32	0.12	1.08
NVNT	ac80	5775	Ant1	74.07	1.3	14.29

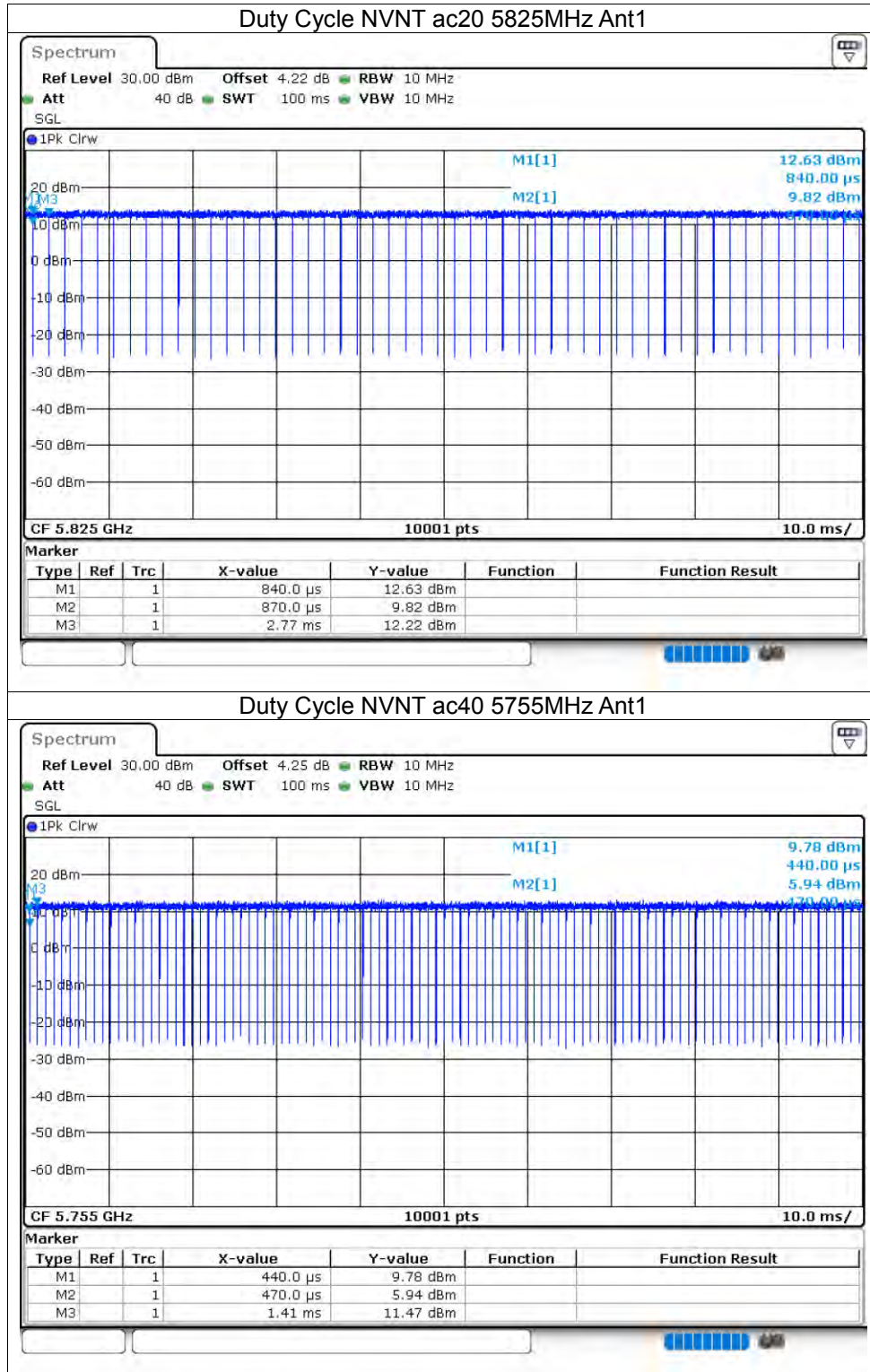


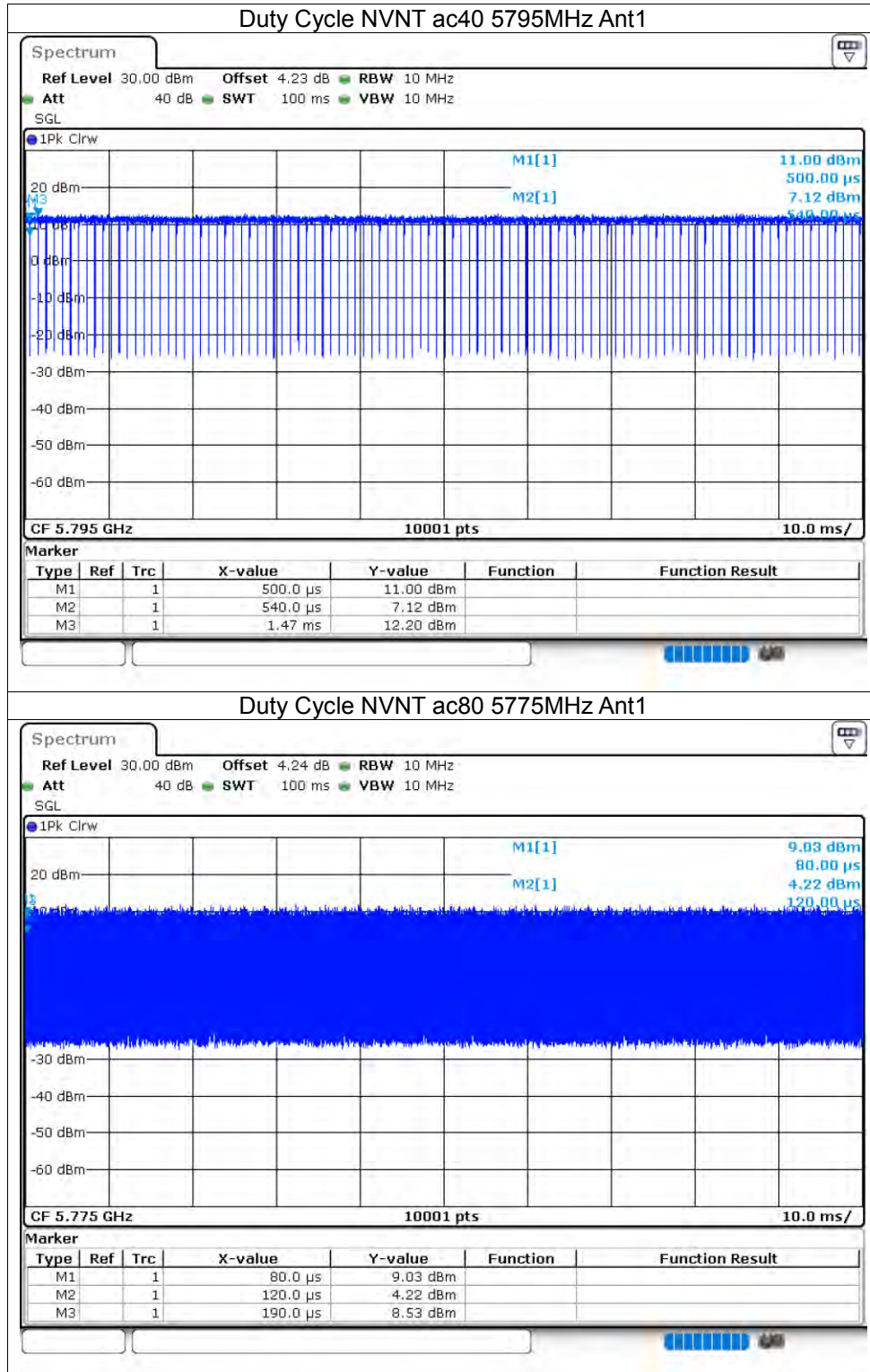












5.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.4	0.49	10.89	30	Pass
NVNT	a	5785	Ant1	10.87	0.41	11.28	30	Pass
NVNT	a	5825	Ant1	10.22	0.49	10.71	30	Pass
NVNT	n20	5745	Ant1	10.68	0.53	11.21	30	Pass
NVNT	n20	5785	Ant1	9.72	0.4	10.12	30	Pass
NVNT	n20	5825	Ant1	10.94	0.36	11.3	30	Pass
NVNT	n40	5755	Ant1	10.98	0.13	11.11	30	Pass
NVNT	n40	5795	Ant1	11.21	0.12	11.33	30	Pass
NVNT	ac20	5745	Ant1	10.82	0.06	10.88	30	Pass
NVNT	ac20	5785	Ant1	11.01	0.06	11.07	30	Pass
NVNT	ac20	5825	Ant1	10.3	0.06	10.36	30	Pass
NVNT	ac40	5755	Ant1	10.77	0.12	10.89	30	Pass
NVNT	ac40	5795	Ant1	11.19	0.12	11.31	30	Pass
NVNT	ac80	5775	Ant1	10.5	1.3	11.8	30	Pass

5.3 -6DB BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.44	0.5	Pass
NVNT	a	5785	Ant1	16.482	0.5	Pass
NVNT	a	5825	Ant1	16.494	0.5	Pass
NVNT	n20	5745	Ant1	17.691	0.5	Pass
NVNT	n20	5785	Ant1	17.739	0.5	Pass
NVNT	n20	5825	Ant1	17.703	0.5	Pass
NVNT	n40	5755	Ant1	35.052	0.5	Pass
NVNT	n40	5795	Ant1	36.324	0.5	Pass
NVNT	ac20	5745	Ant1	17.604	0.5	Pass
NVNT	ac20	5785	Ant1	17.592	0.5	Pass
NVNT	ac20	5825	Ant1	13.998	0.5	Pass
NVNT	ac40	5755	Ant1	36.306	0.5	Pass
NVNT	ac40	5795	Ant1	36.348	0.5	Pass
NVNT	ac80	5775	Ant1	76.008	0.5	Pass

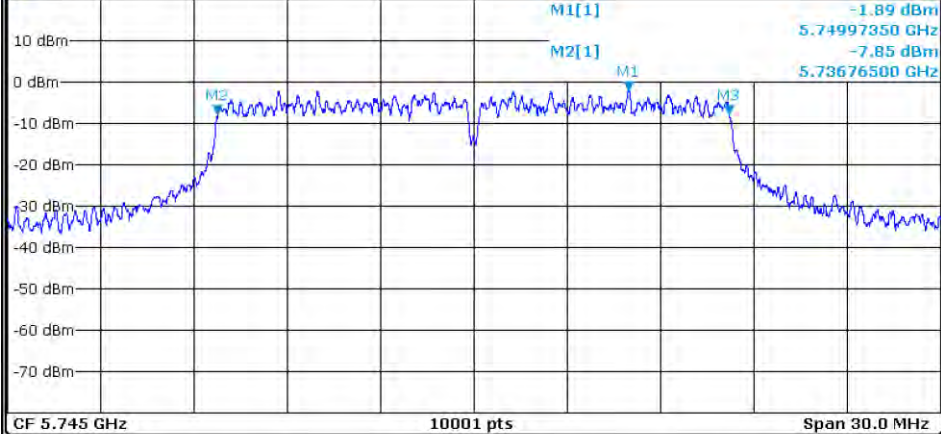
Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.25 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

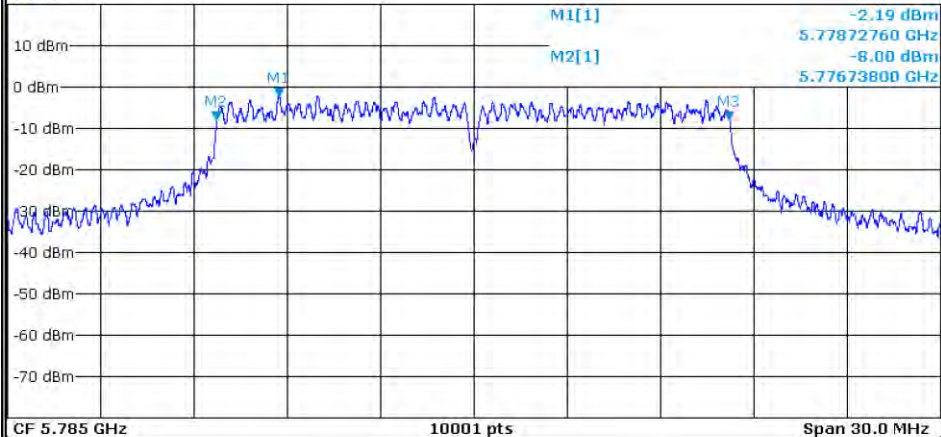
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.7499735 GHz	-1.89 dBm		
M2	1	1	5.736765 GHz	-7.85 dBm		
M3	1	1	5.7367650 GHz	-7.82 dBm		

-6dB Bandwidth NVNT a 5785MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.24 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

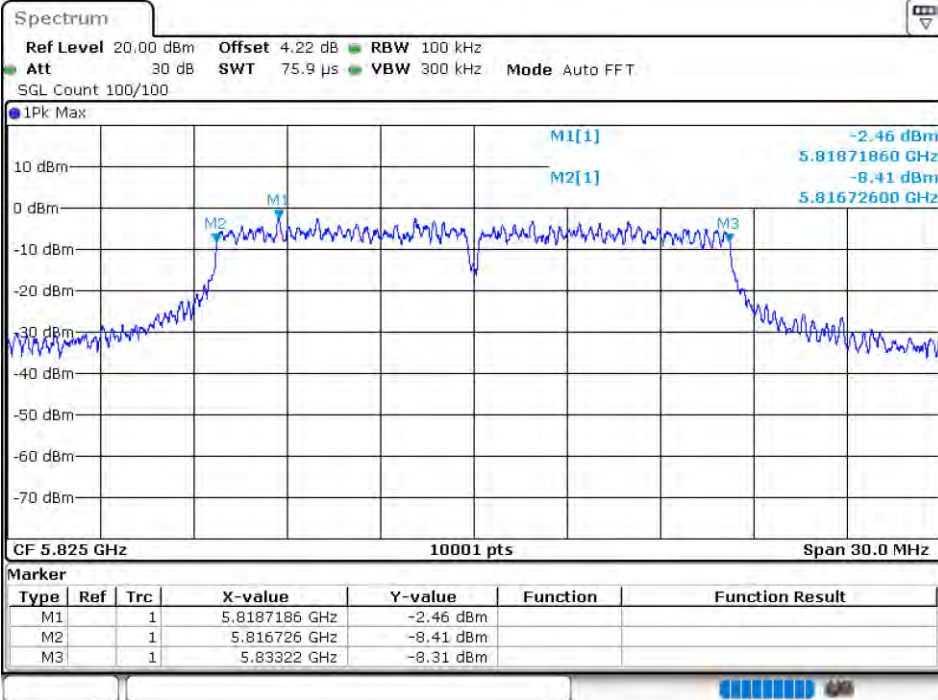
1Pk Max



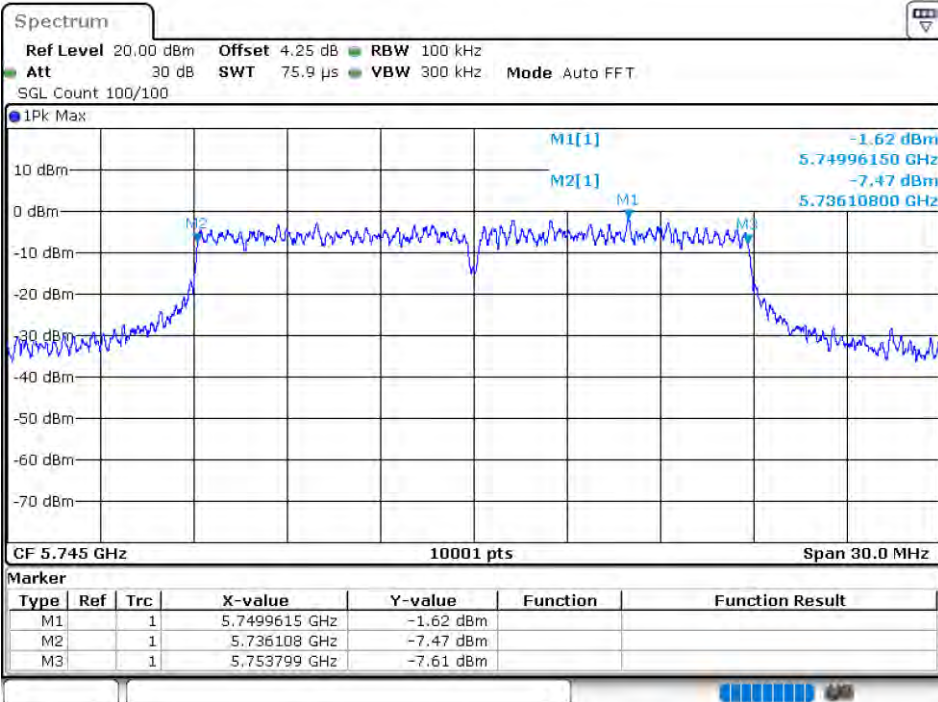
Marker

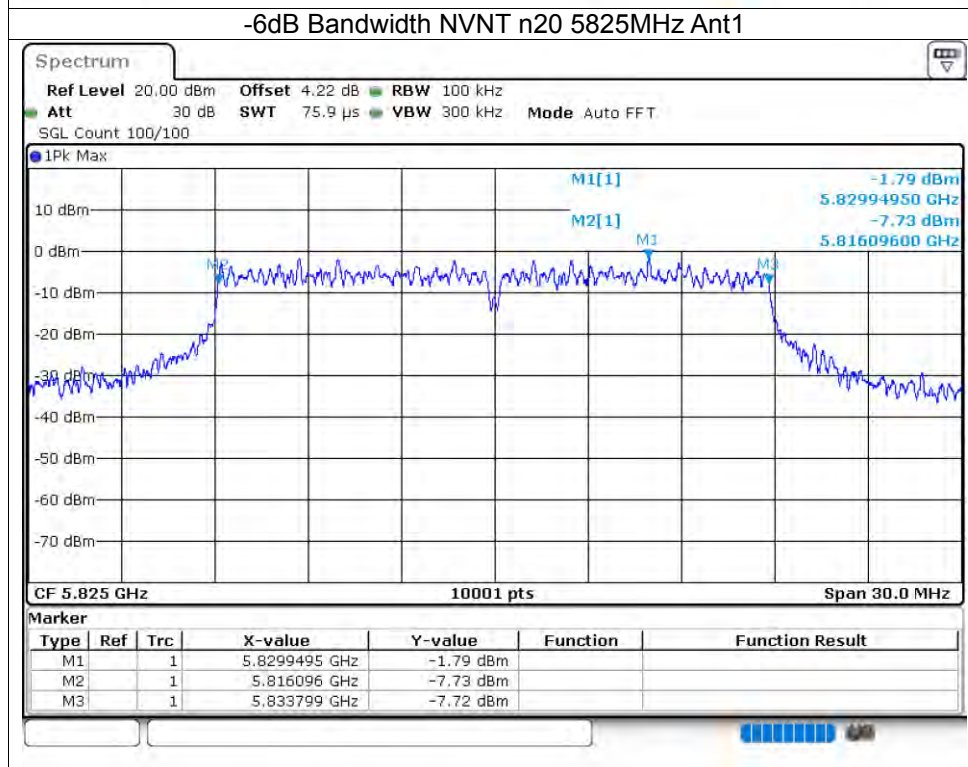
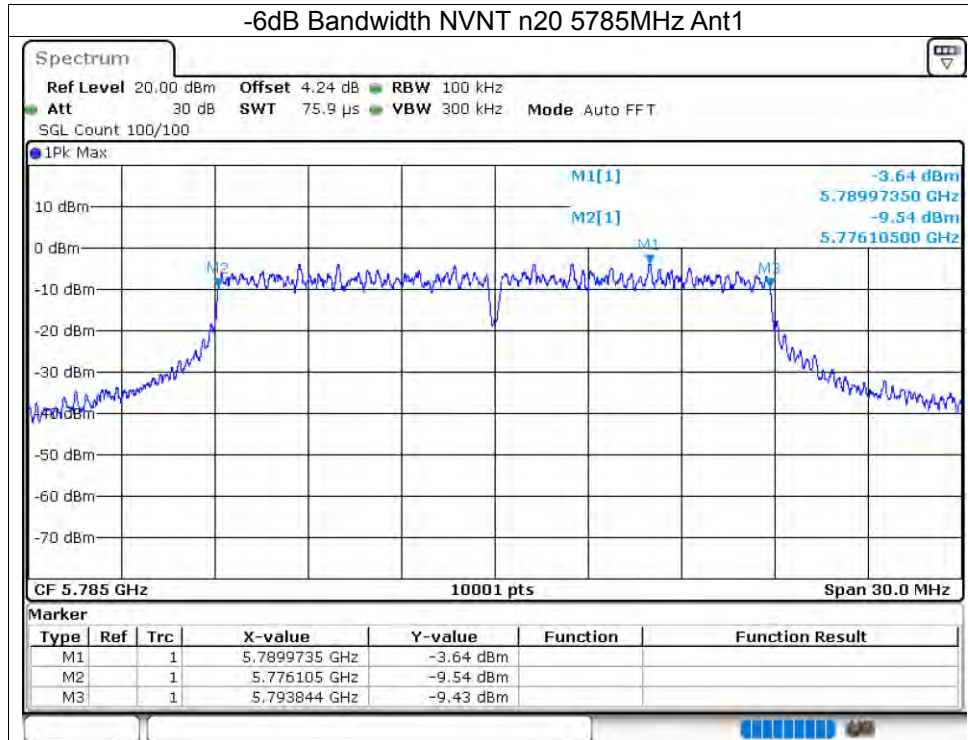
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.7787276 GHz	-2.19 dBm		
M2	1	1	5.776738 GHz	-8.00 dBm		
M3	1	1	5.79322 GHz	-7.99 dBm		

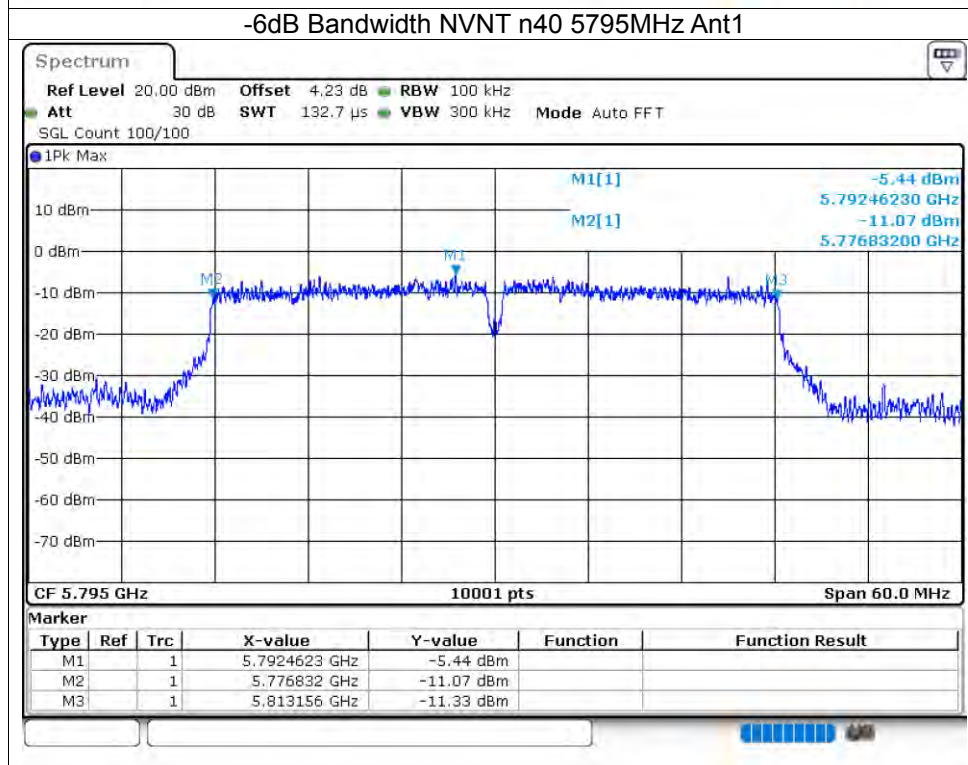
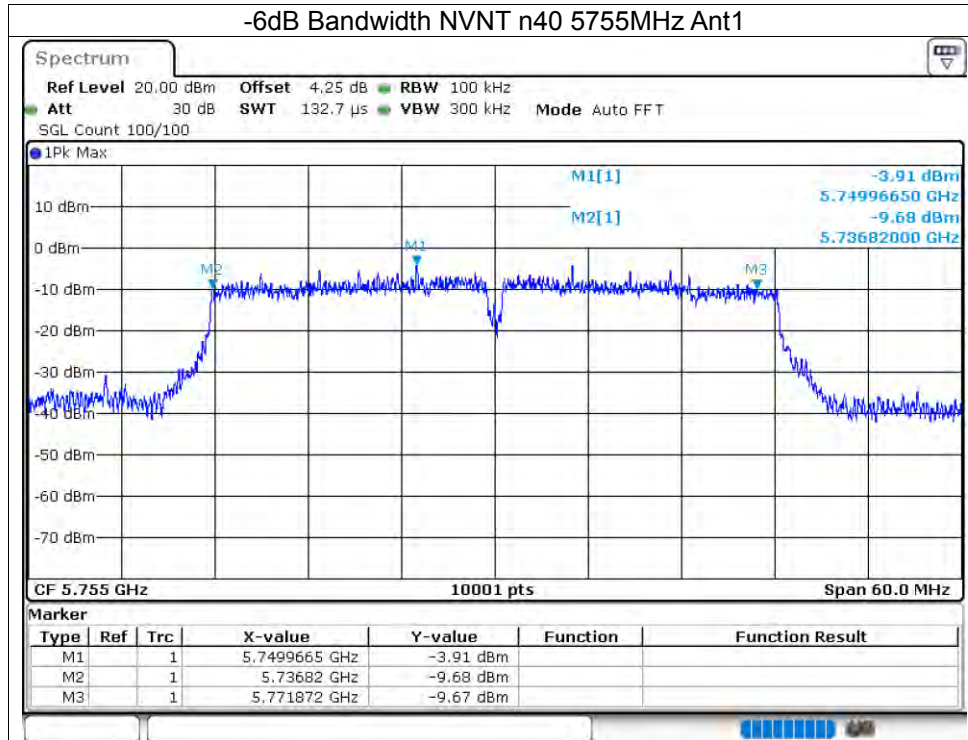
-6dB Bandwidth NVNT a 5825MHz Ant1

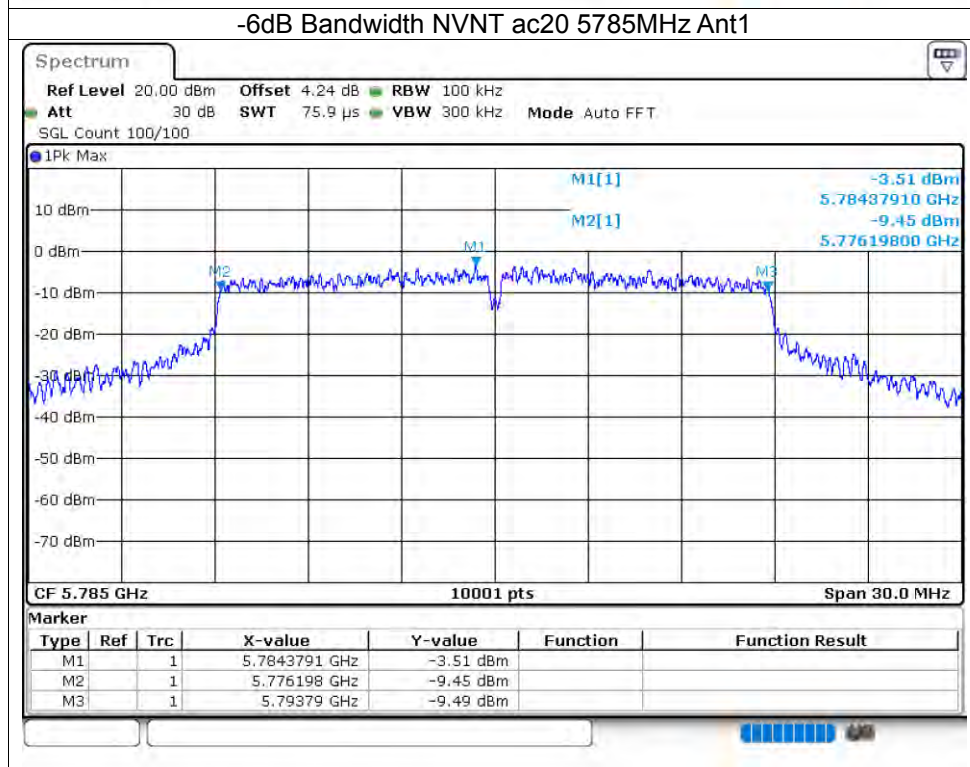
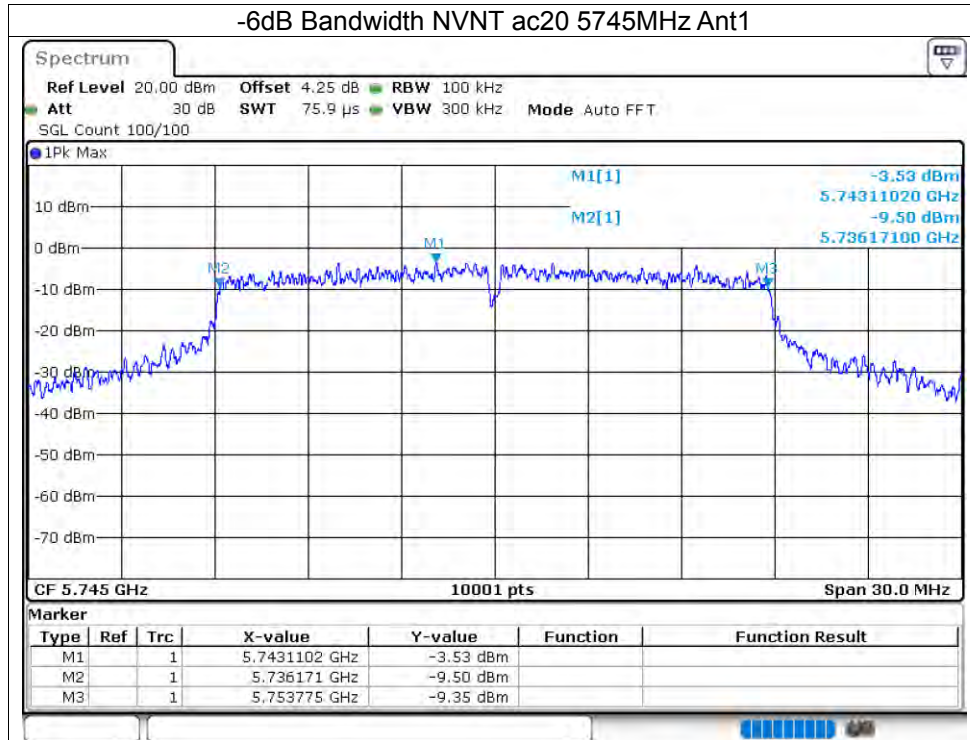


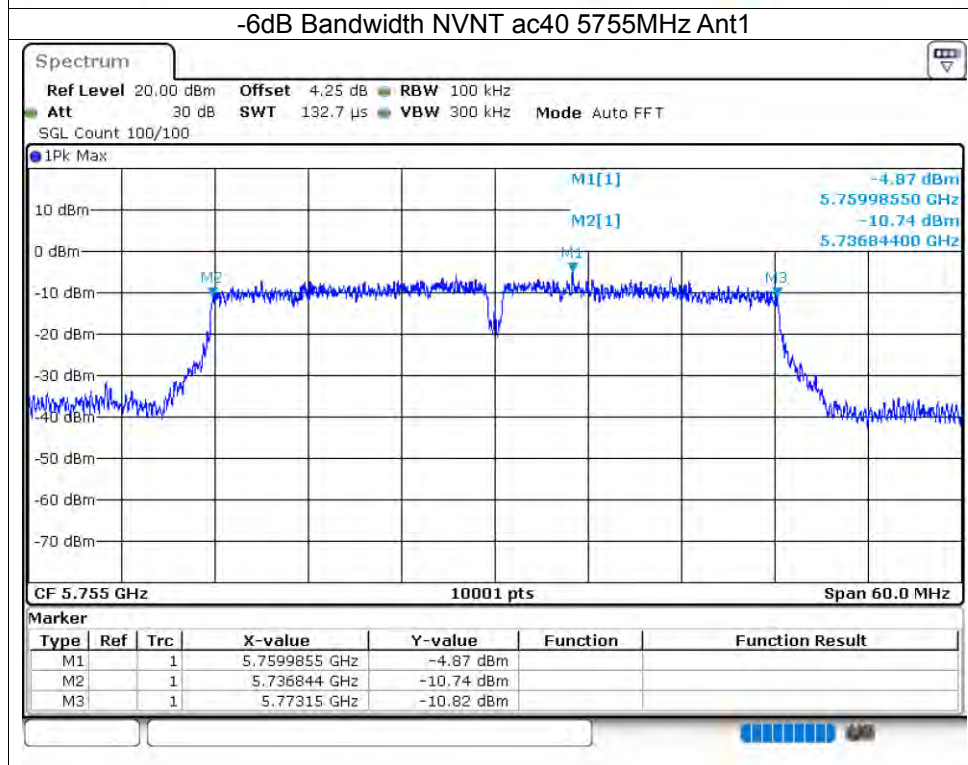
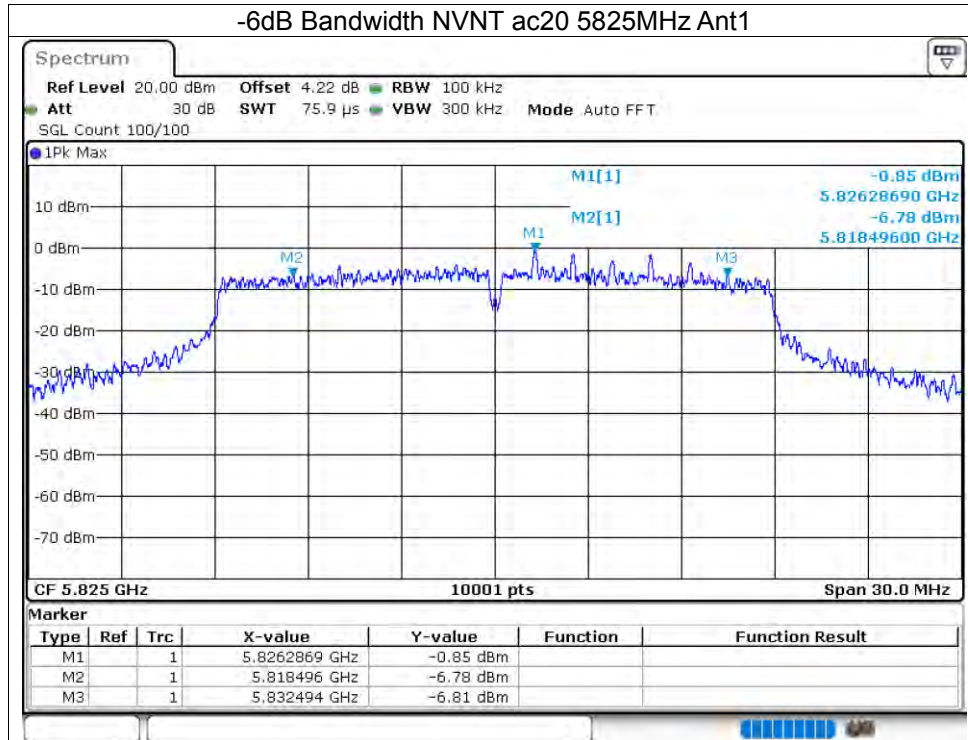
-6dB Bandwidth NVNT n20 5745MHz Ant1

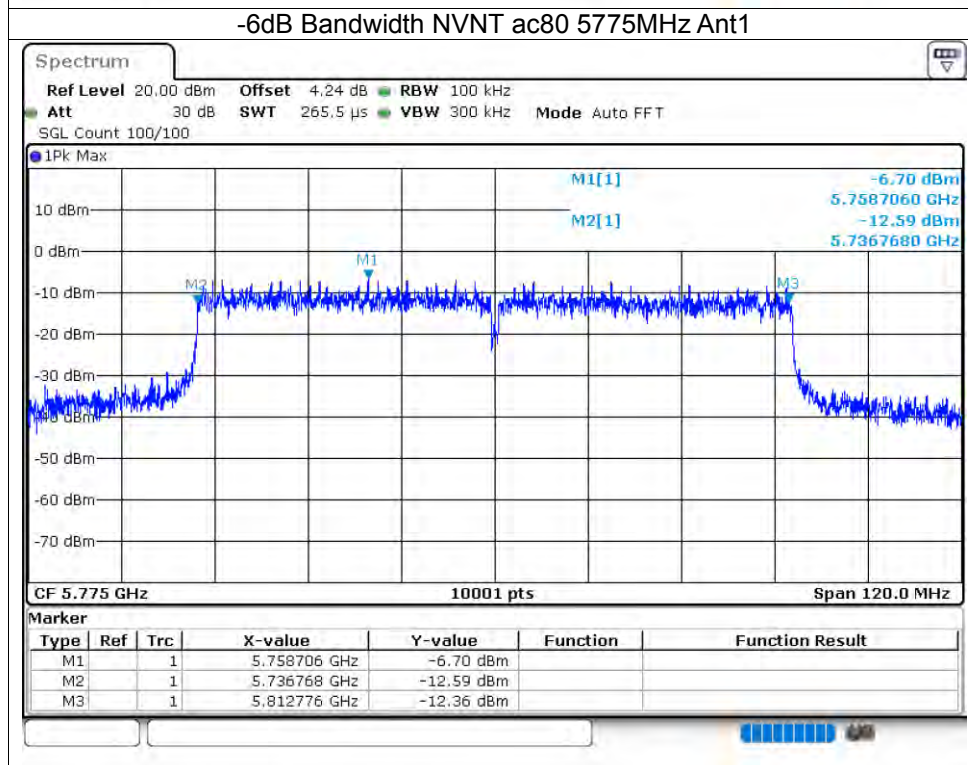
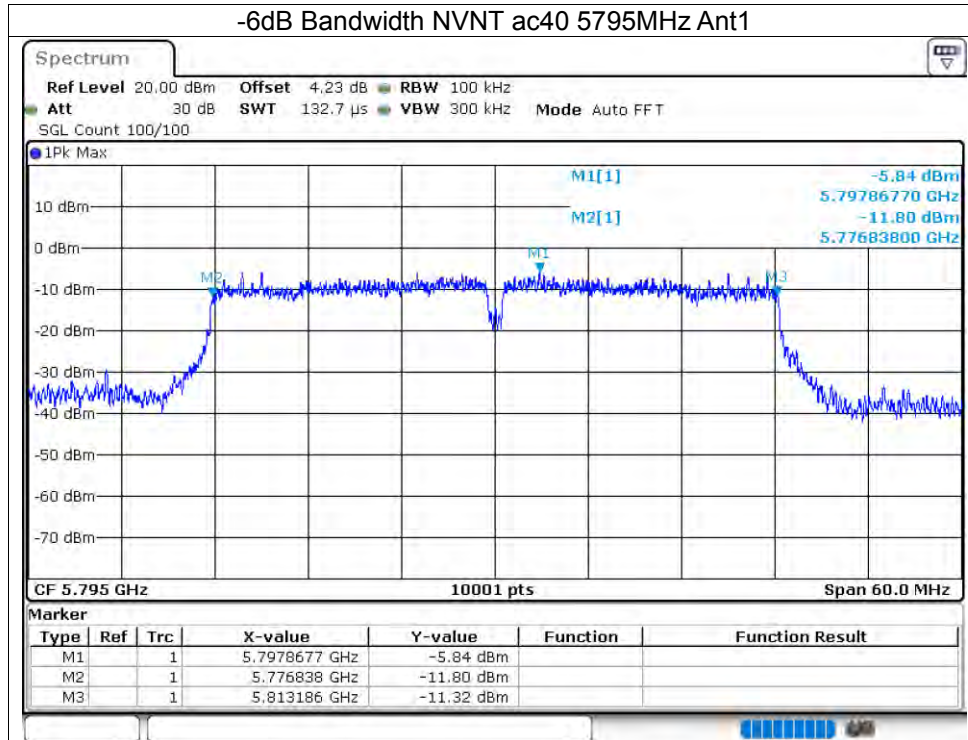






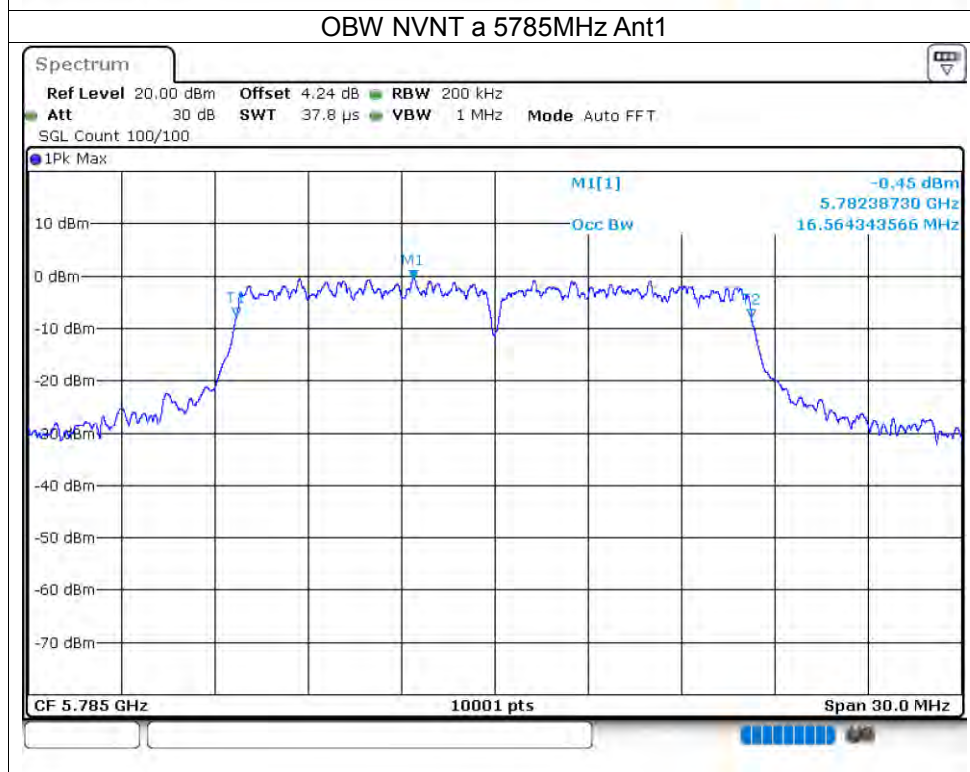
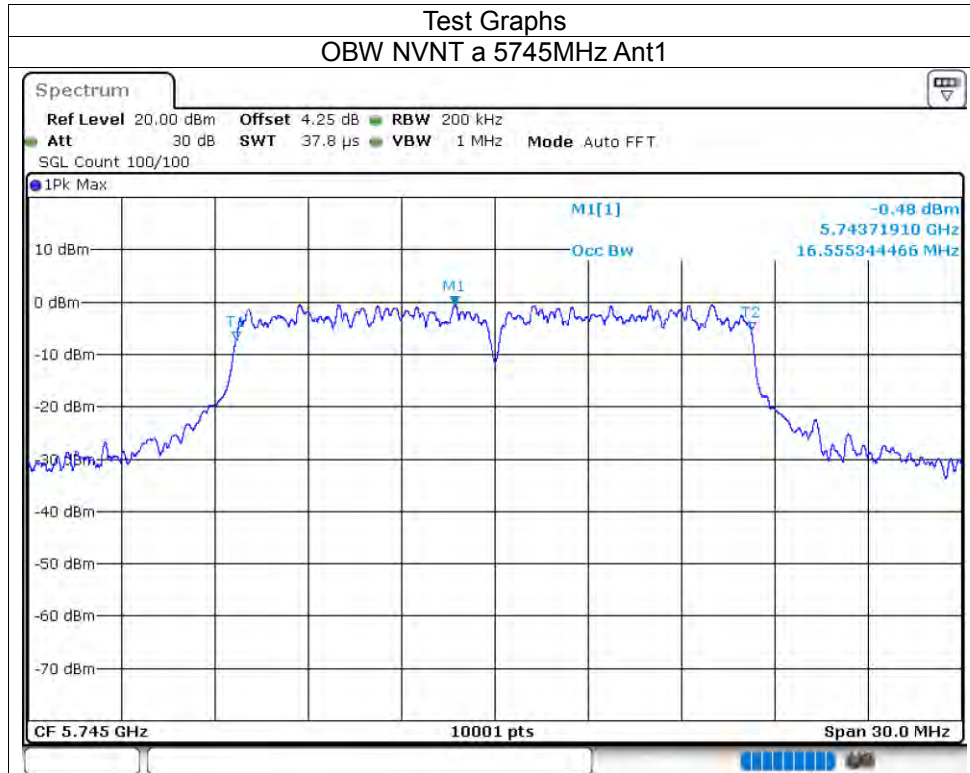




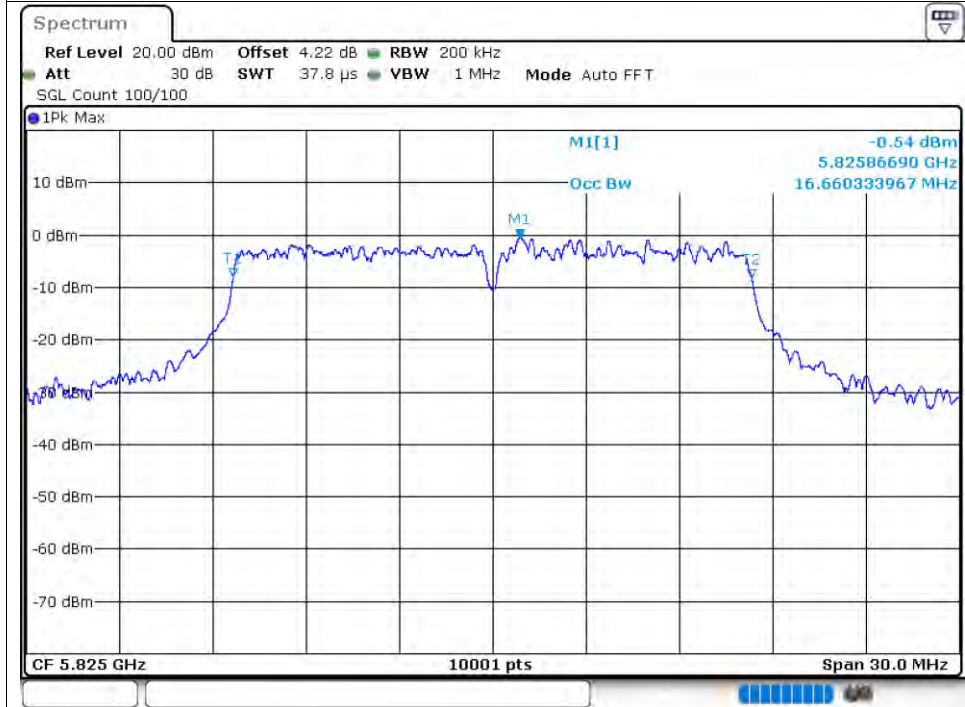


5.4 OCCUPIED CHANNEL BANDWIDTH

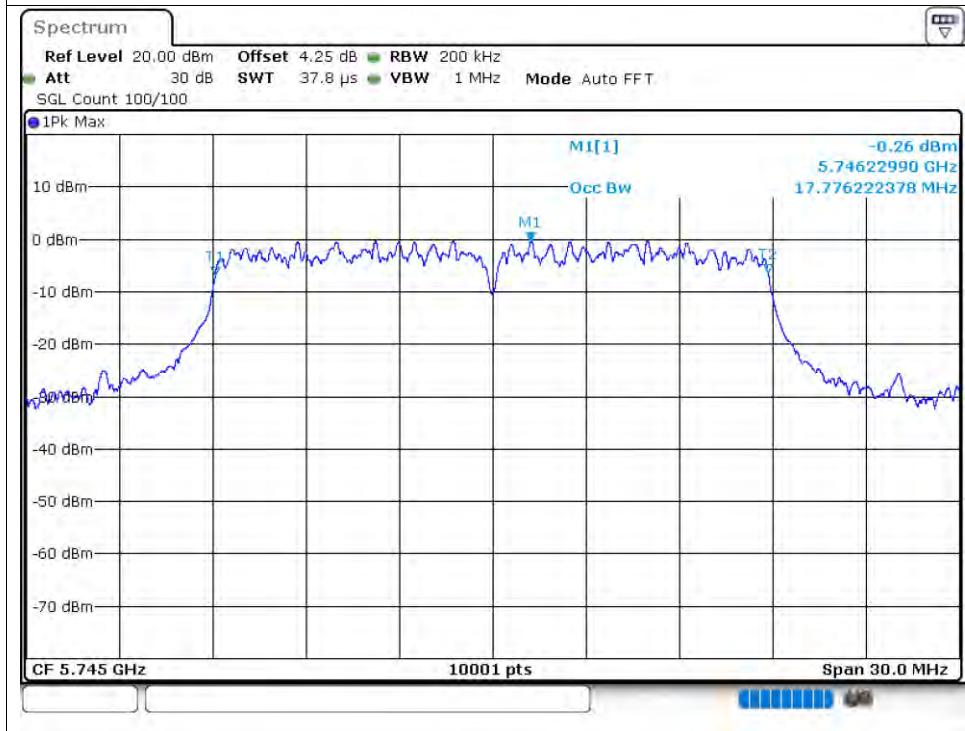
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.555
NVNT	a	5785	Ant1	16.564
NVNT	a	5825	Ant1	16.66
NVNT	n20	5745	Ant1	17.776
NVNT	n20	5785	Ant1	17.782
NVNT	n20	5825	Ant1	17.827
NVNT	n40	5755	Ant1	36.284
NVNT	n40	5795	Ant1	36.32
NVNT	ac20	5745	Ant1	17.782
NVNT	ac20	5785	Ant1	17.851
NVNT	ac20	5825	Ant1	17.86
NVNT	ac40	5755	Ant1	36.284
NVNT	ac40	5795	Ant1	36.314
NVNT	ac80	5775	Ant1	76.468

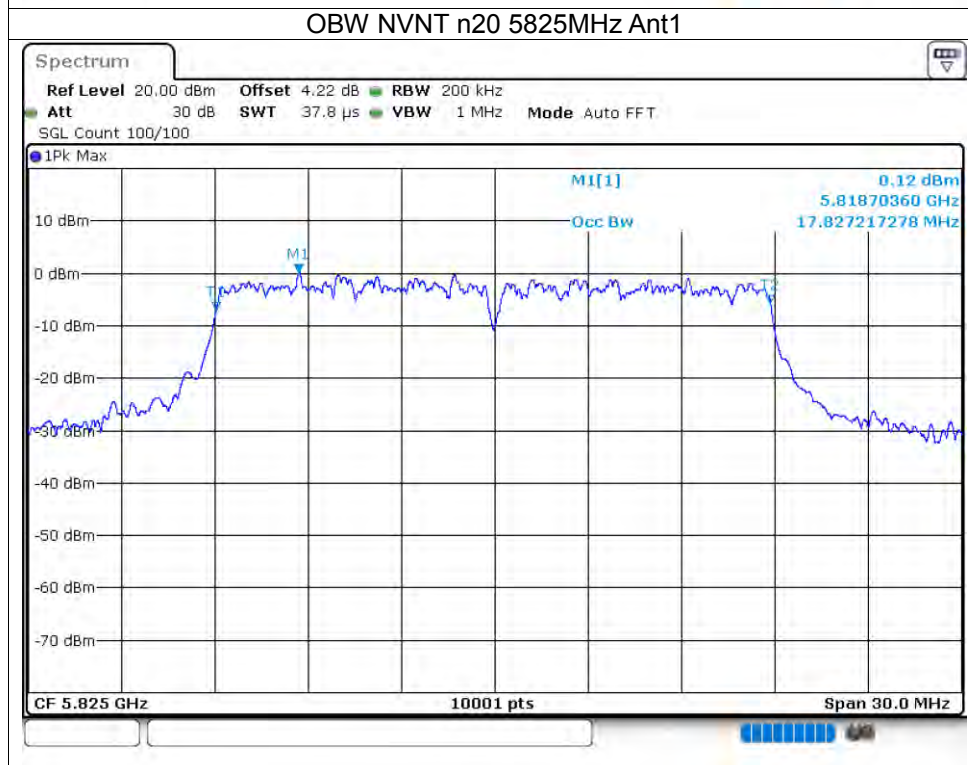
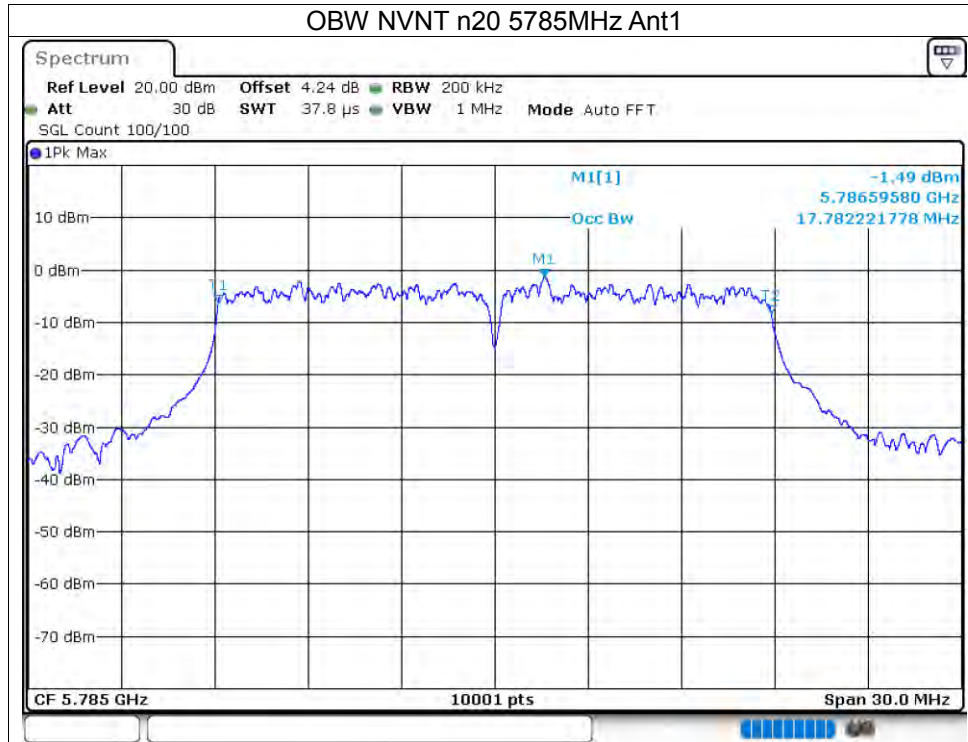


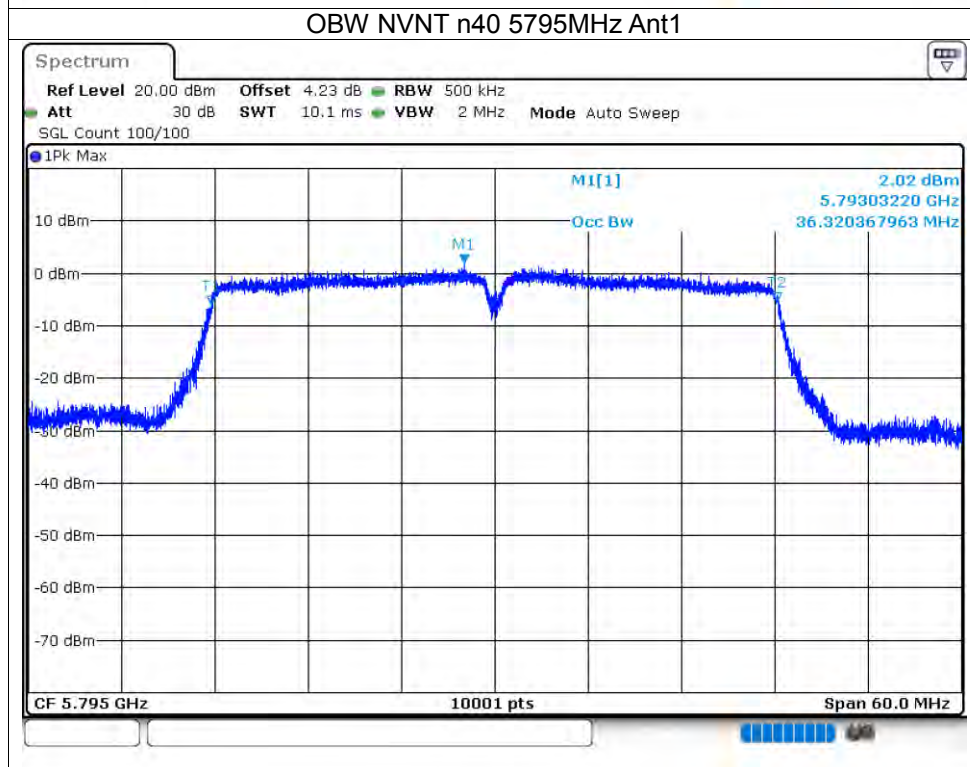
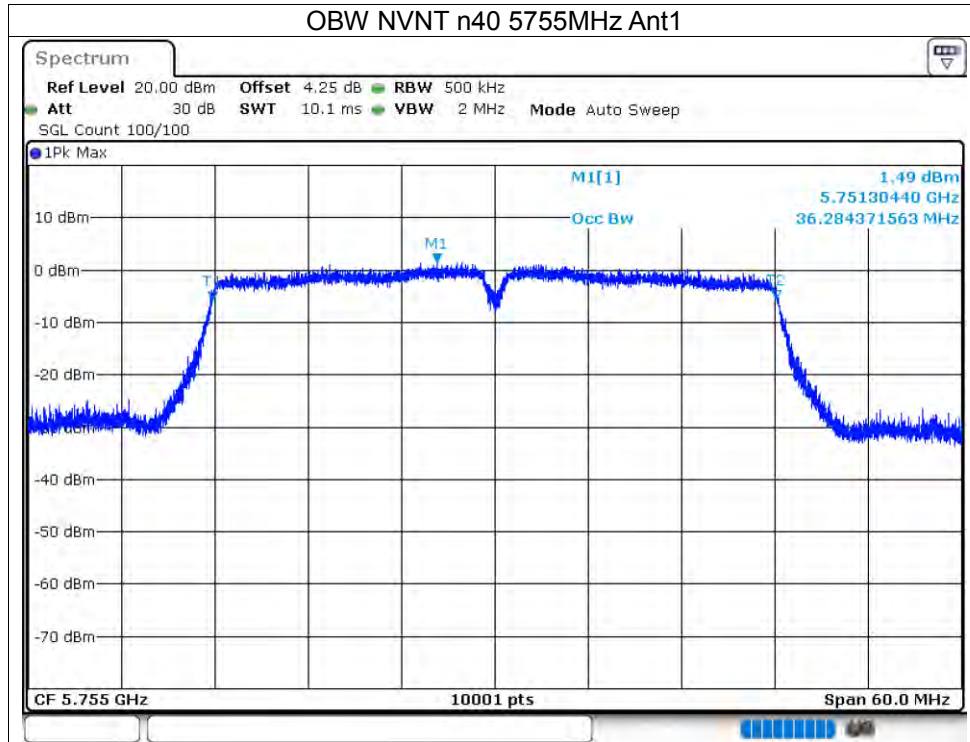
OBW NVNT a 5825MHz Ant1

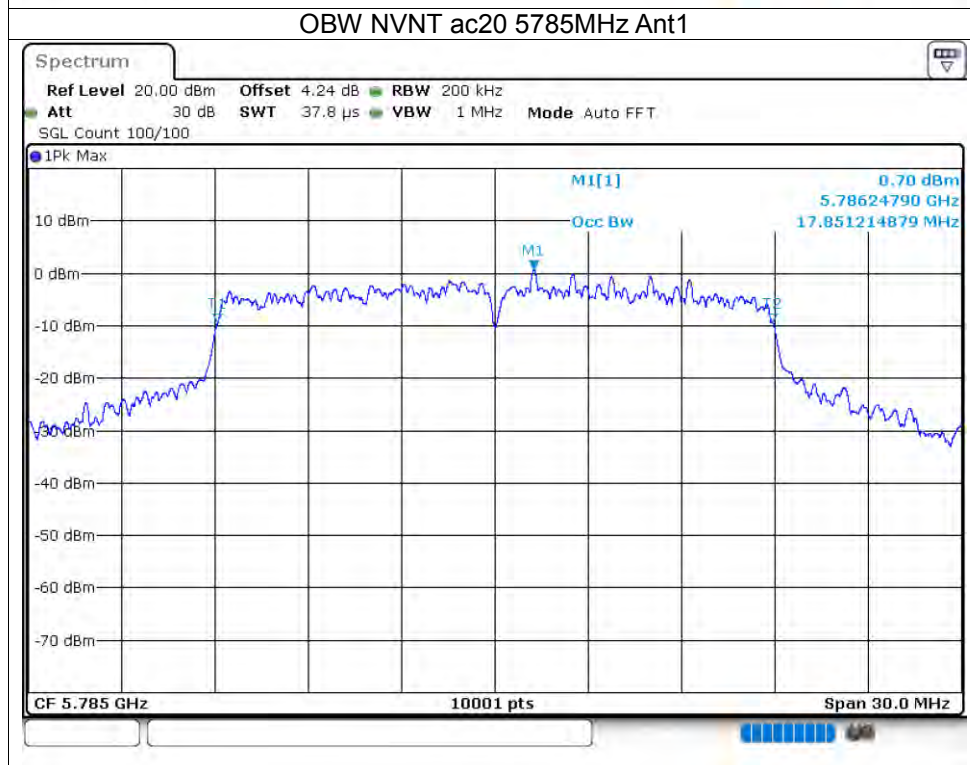
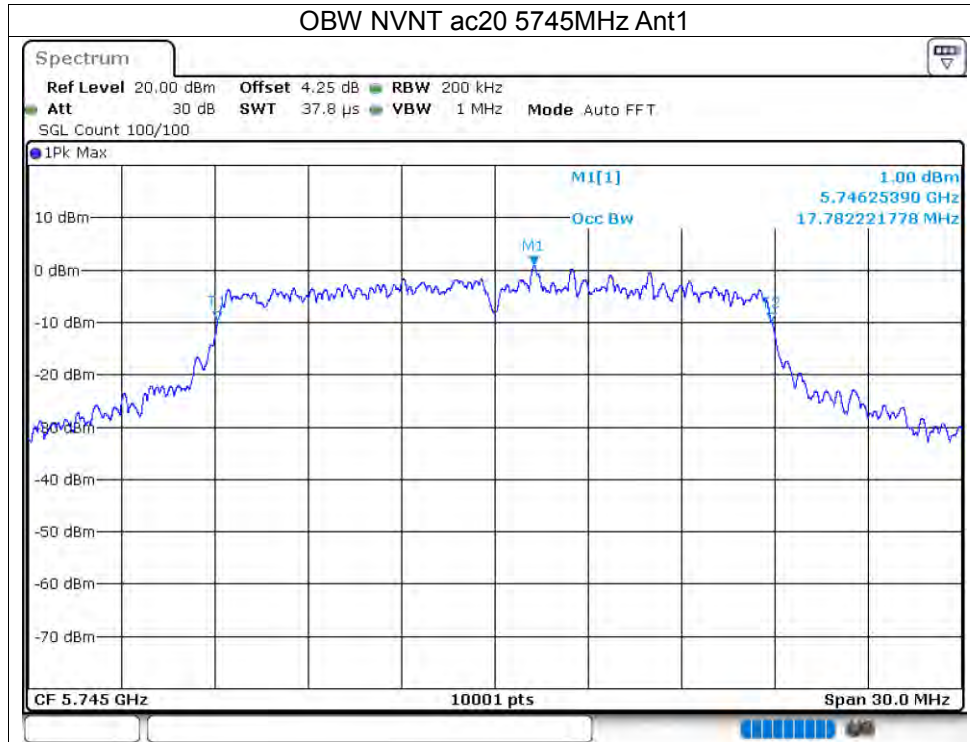


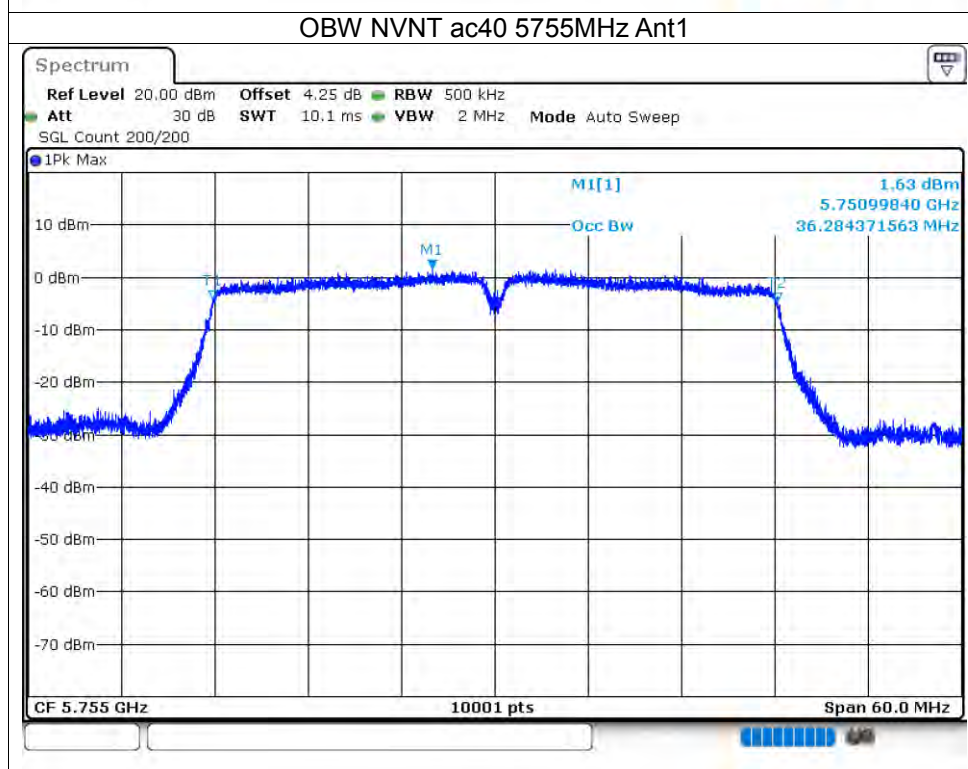
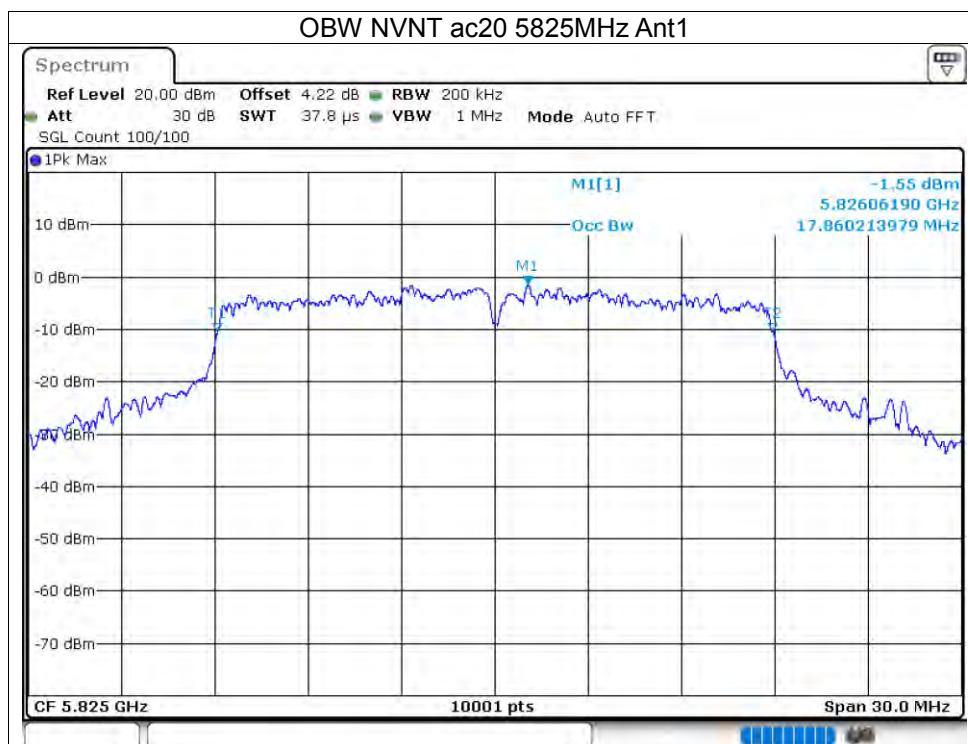
OBW NVNT n20 5745MHz Ant1

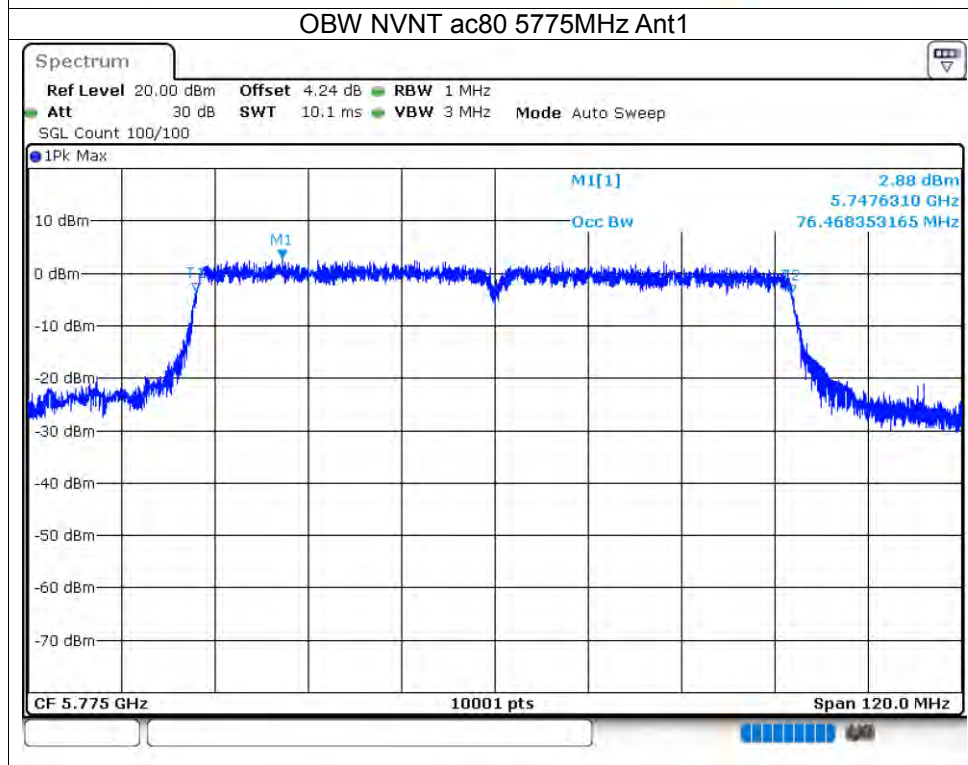
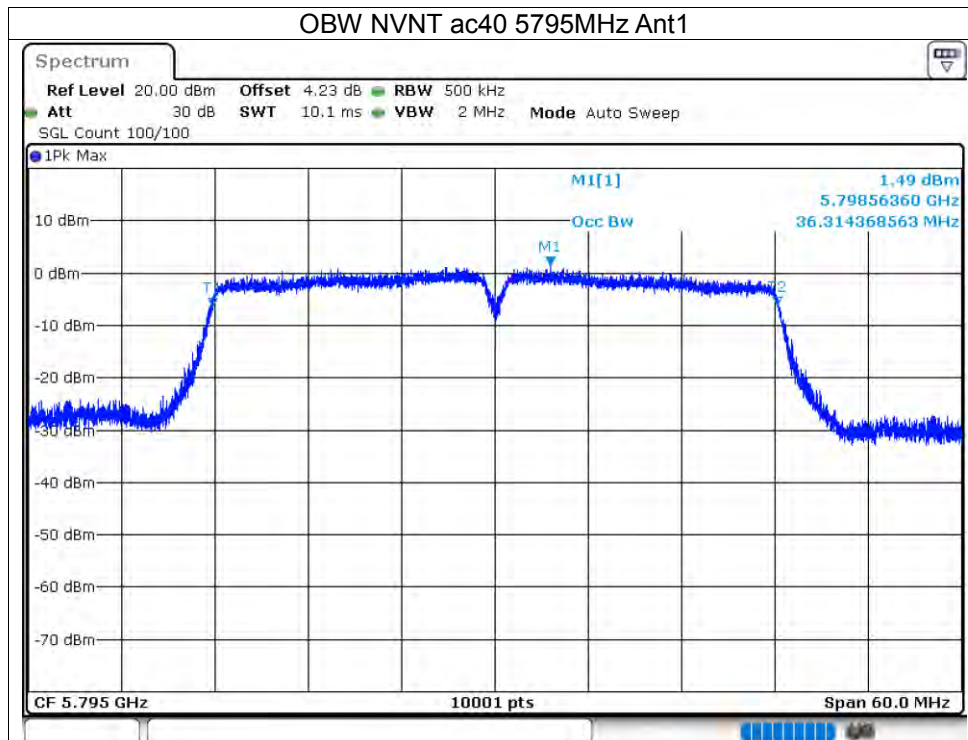






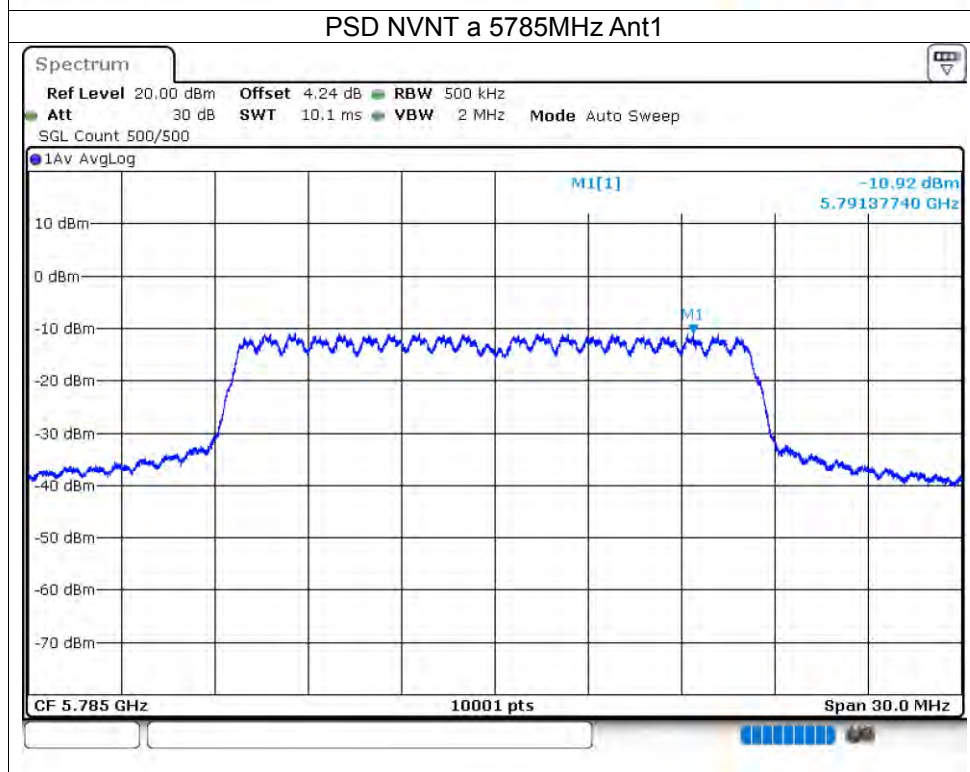
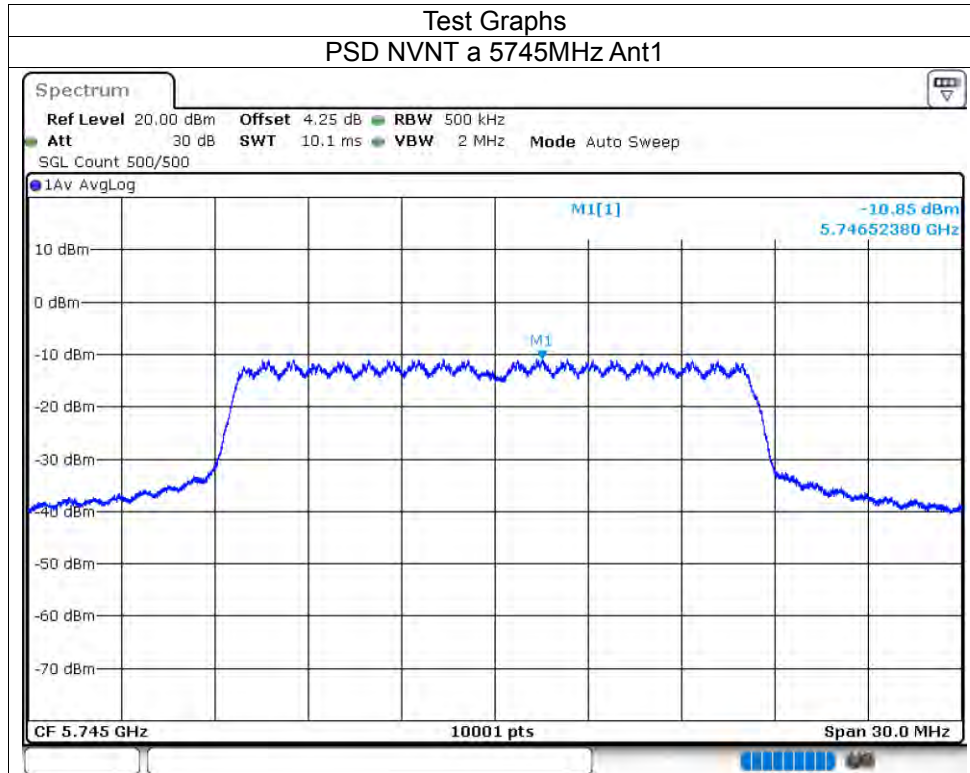


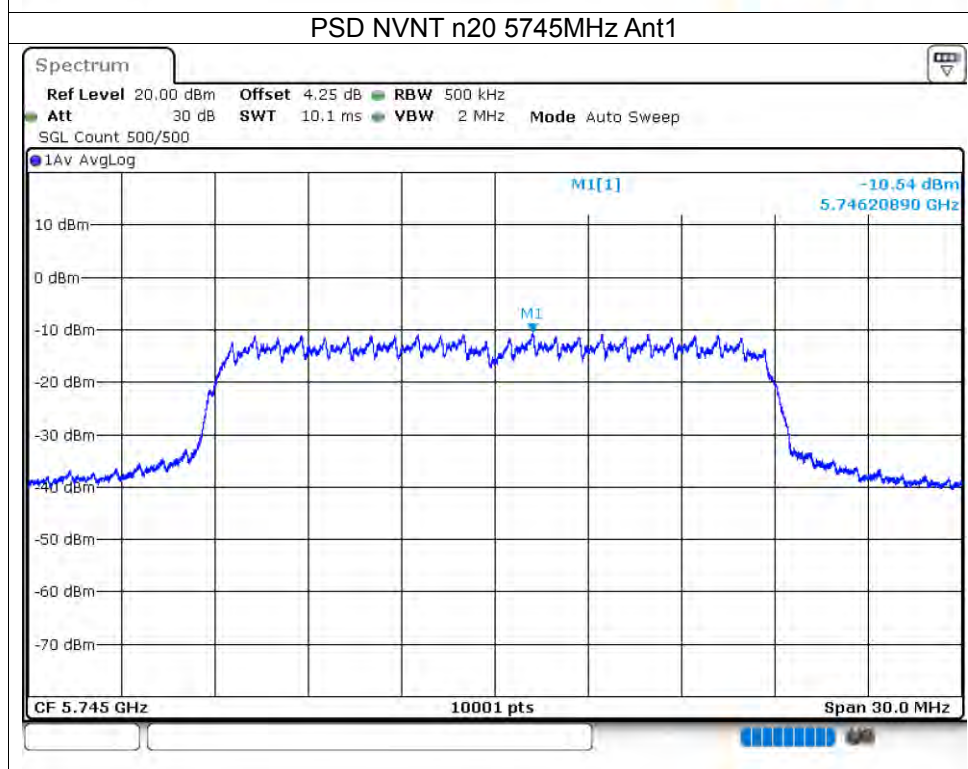
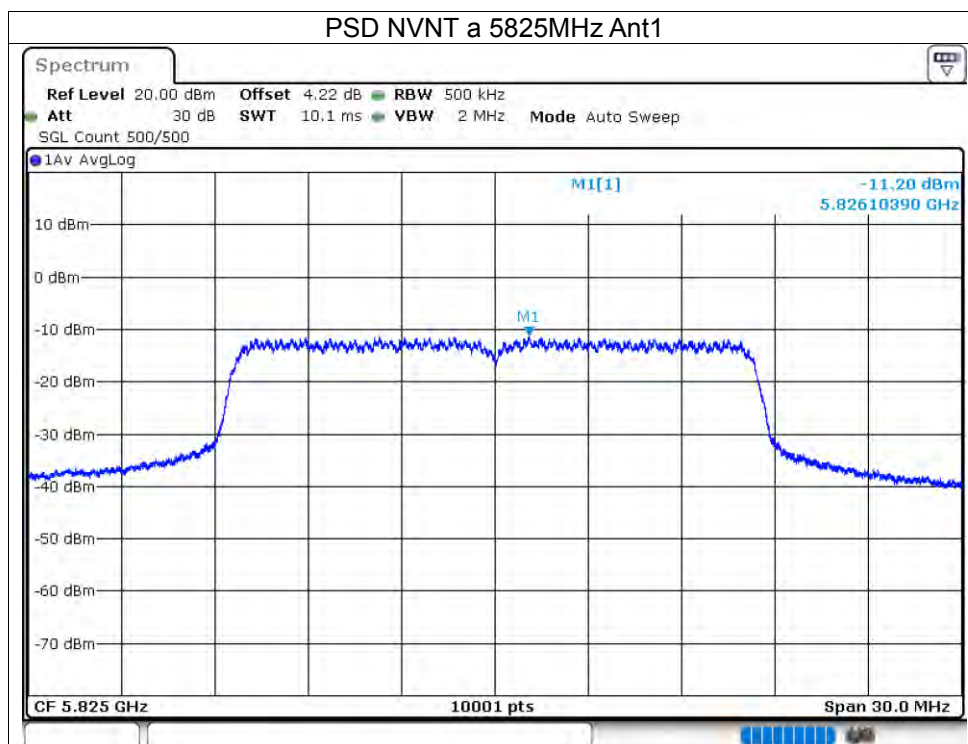




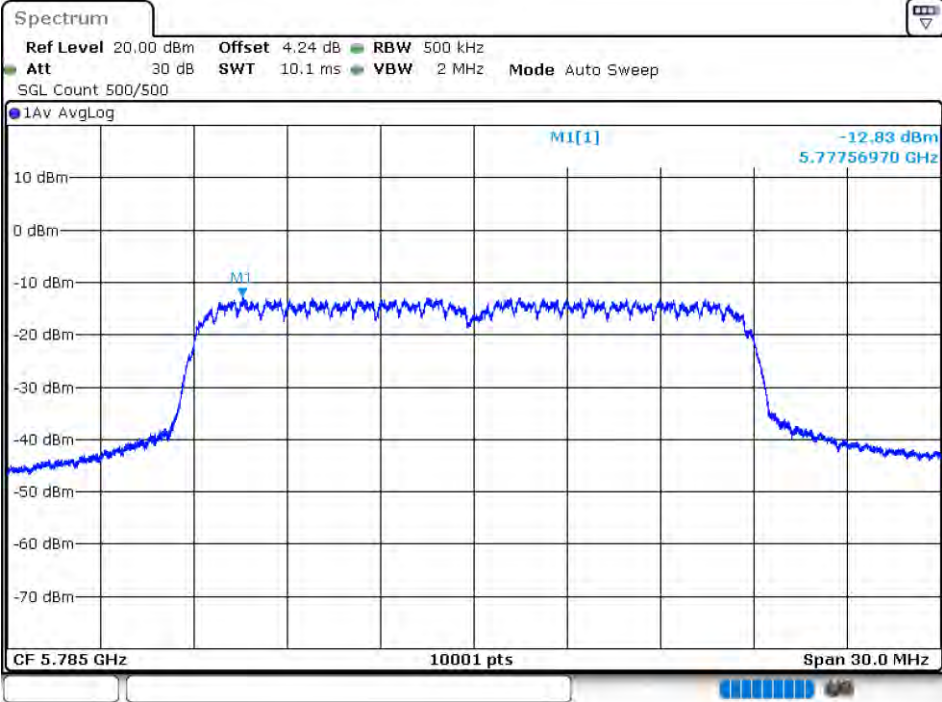
5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-10.85	0.49	-10.36	30	Pass
NVNT	a	5785	Ant1	-10.92	0.41	-10.51	30	Pass
NVNT	a	5825	Ant1	-11.2	0.49	-10.71	30	Pass
NVNT	n20	5745	Ant1	-10.54	0.53	-10.01	30	Pass
NVNT	n20	5785	Ant1	-12.83	0.4	-12.43	30	Pass
NVNT	n20	5825	Ant1	-11.08	0.36	-10.72	30	Pass
NVNT	n40	5755	Ant1	-9.6	0.13	-9.47	30	Pass
NVNT	n40	5795	Ant1	-9.61	0.12	-9.49	30	Pass
NVNT	ac20	5745	Ant1	-6.11	0.06	-6.05	30	Pass
NVNT	ac20	5785	Ant1	-6.38	0.06	-6.32	30	Pass
NVNT	ac20	5825	Ant1	-6.37	0.06	-6.31	30	Pass
NVNT	ac40	5755	Ant1	-9.03	0.12	-8.91	30	Pass
NVNT	ac40	5795	Ant1	-56.58	0.12	-56.46	30	Pass
NVNT	ac80	5775	Ant1	-23.55	1.3	-22.25	30	Pass

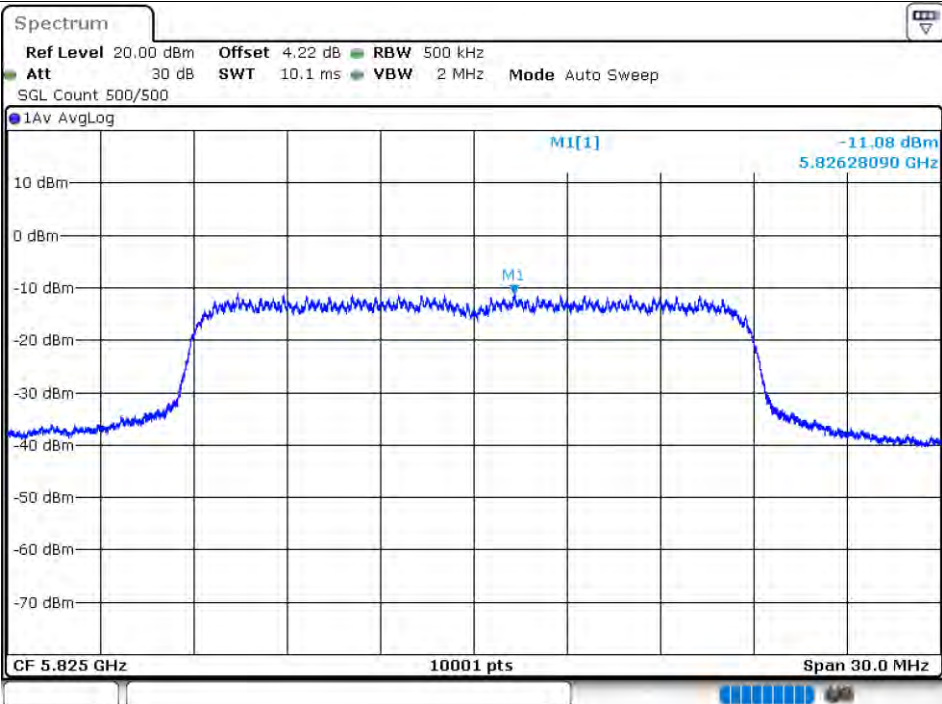


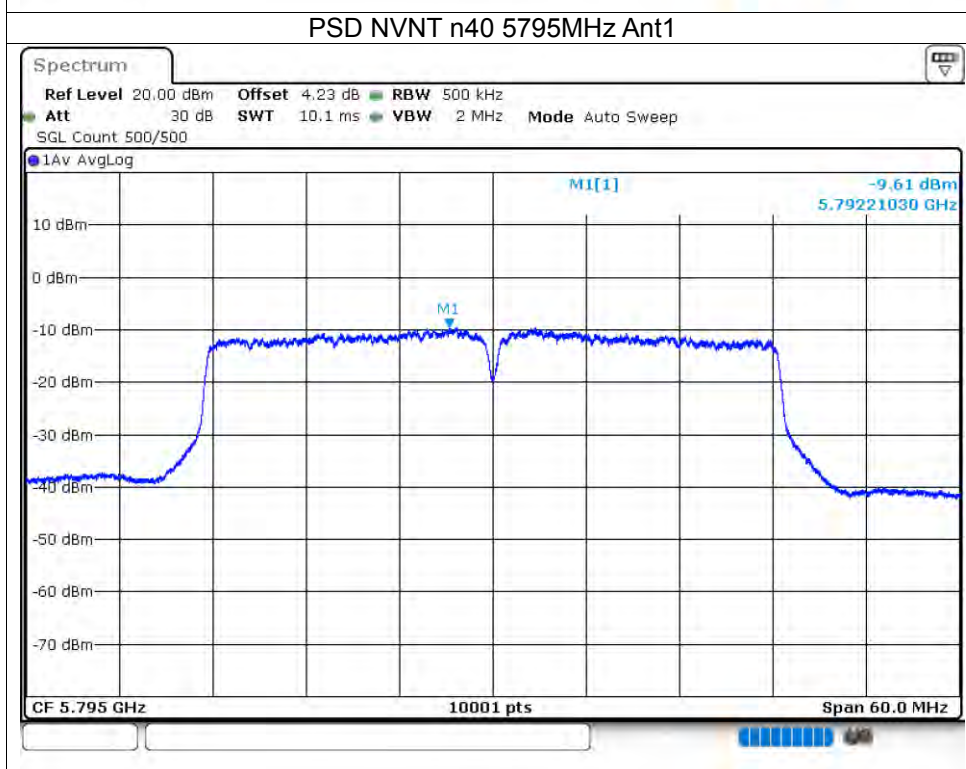
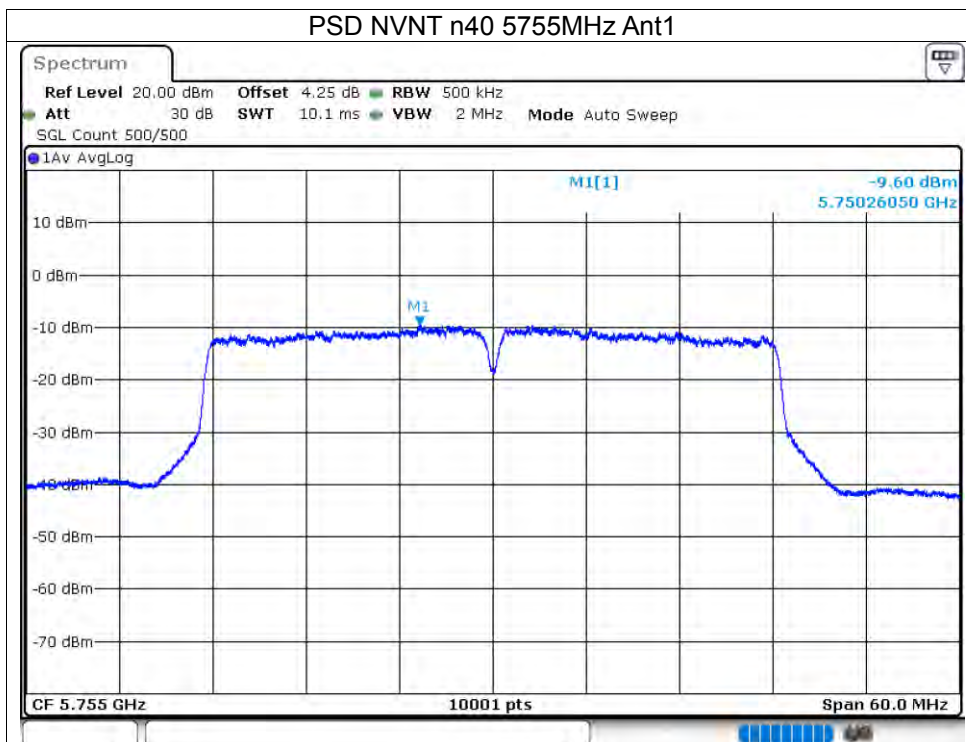


PSD NVNT n20 5785MHz Ant1

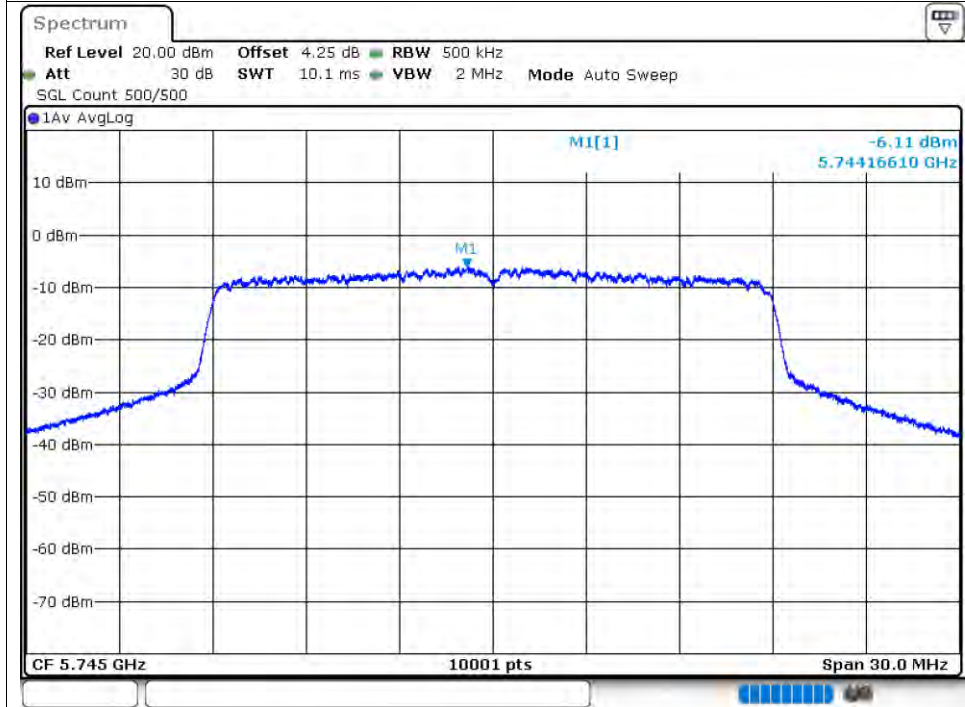


PSD NVNT n20 5825MHz Ant1

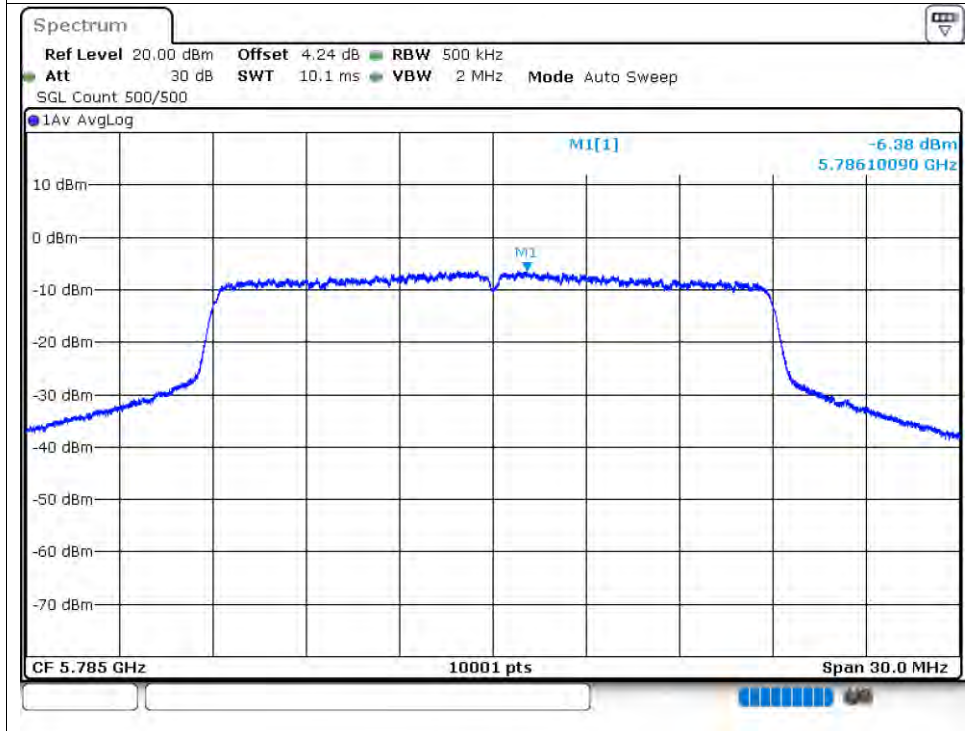


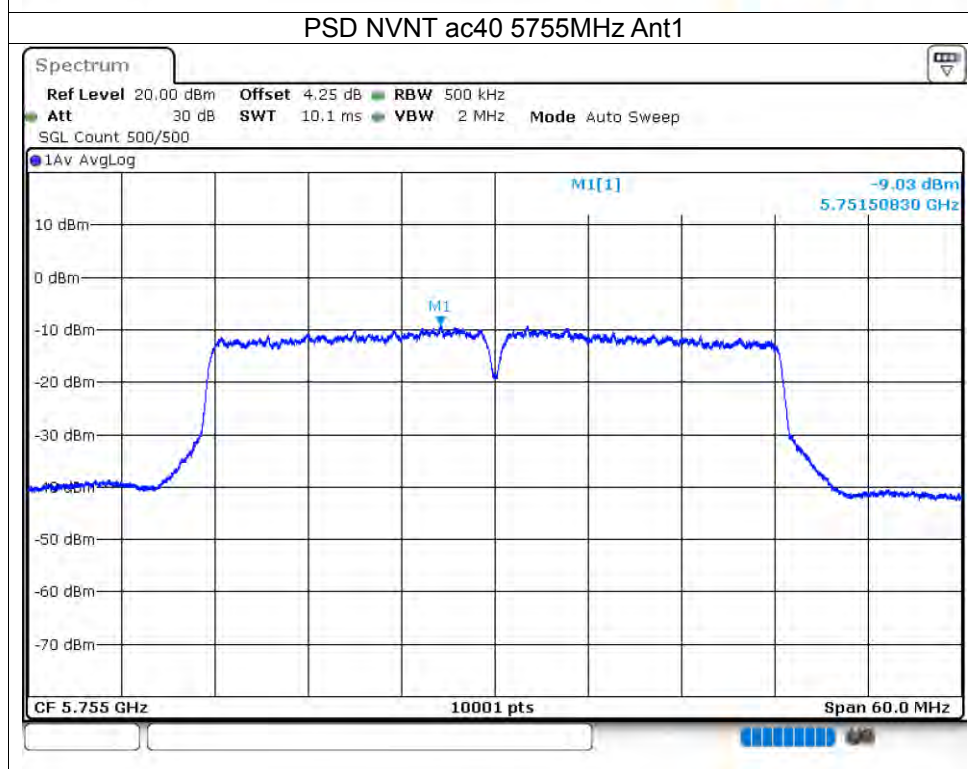
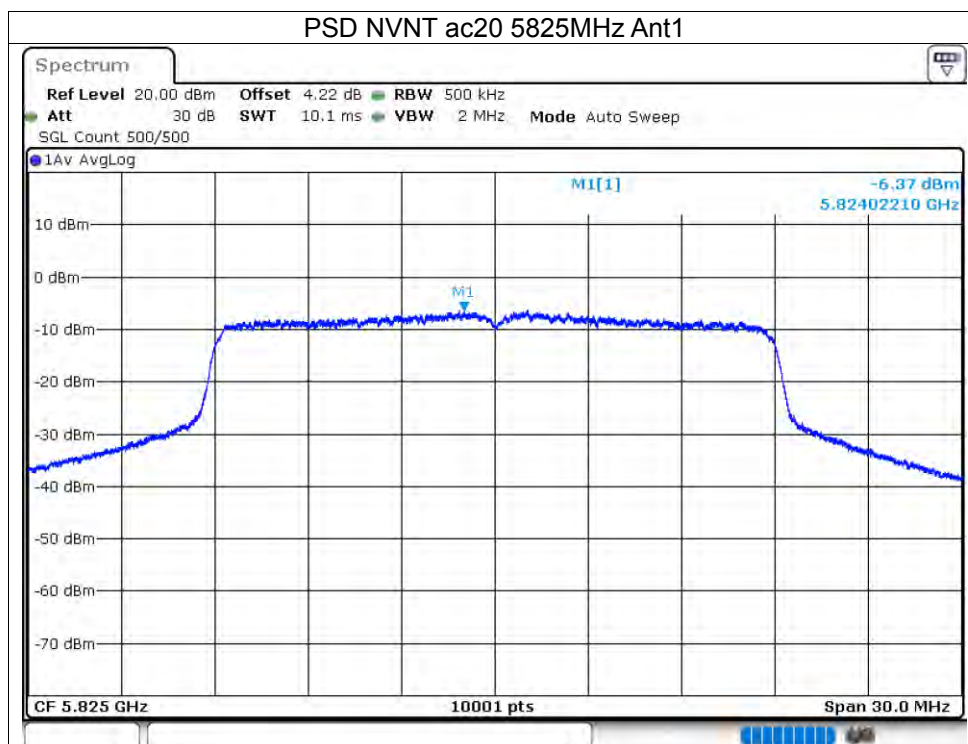


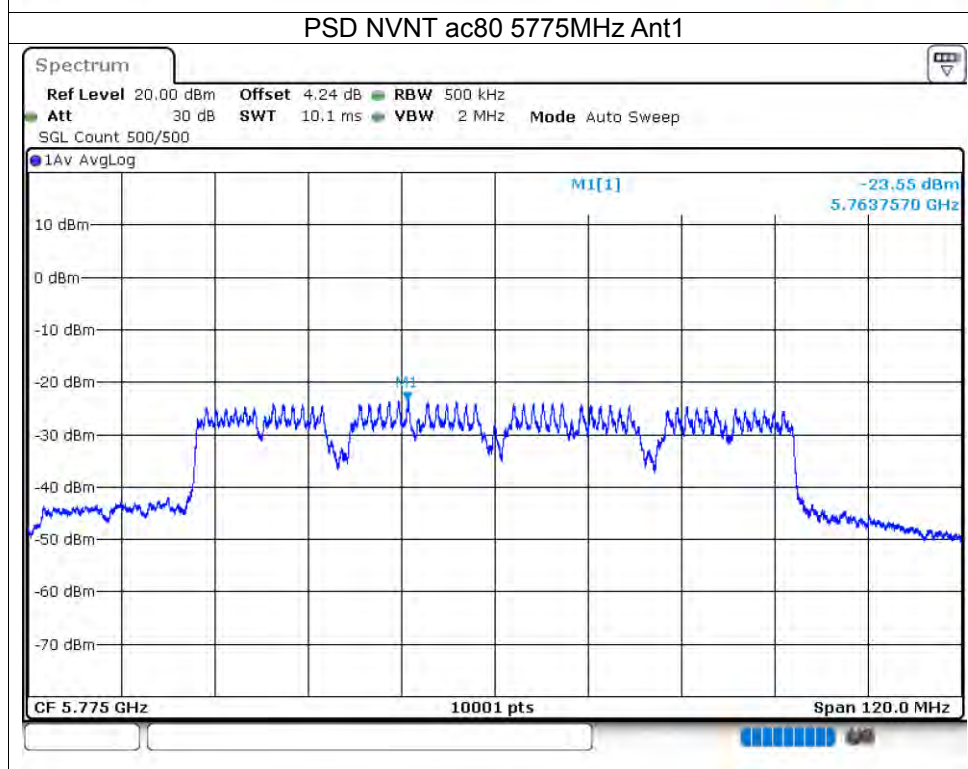
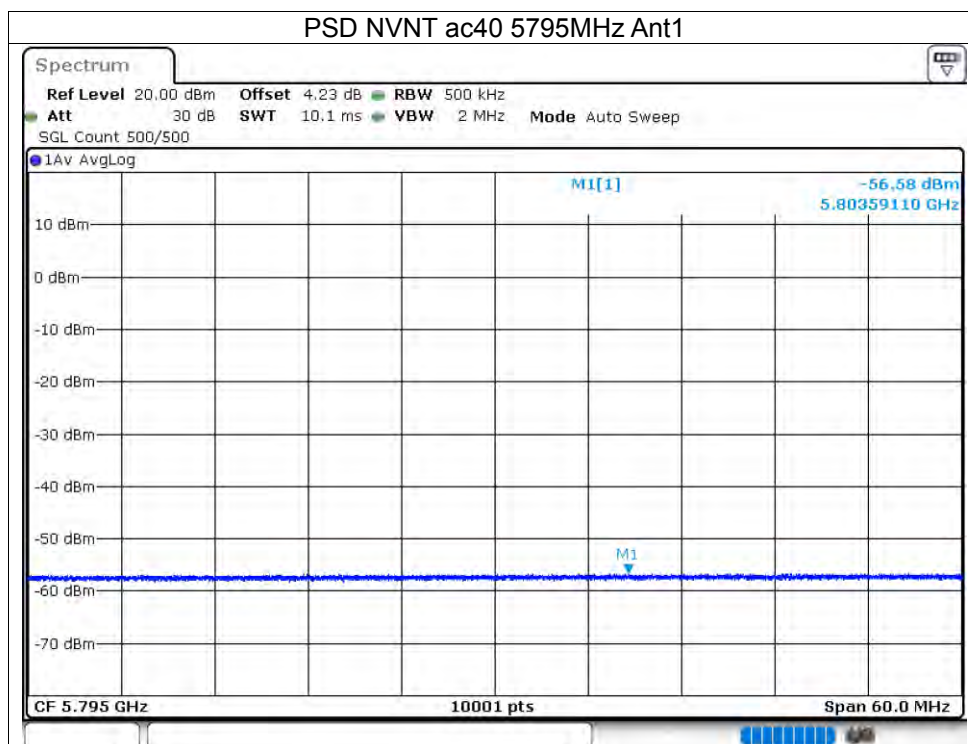
PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1

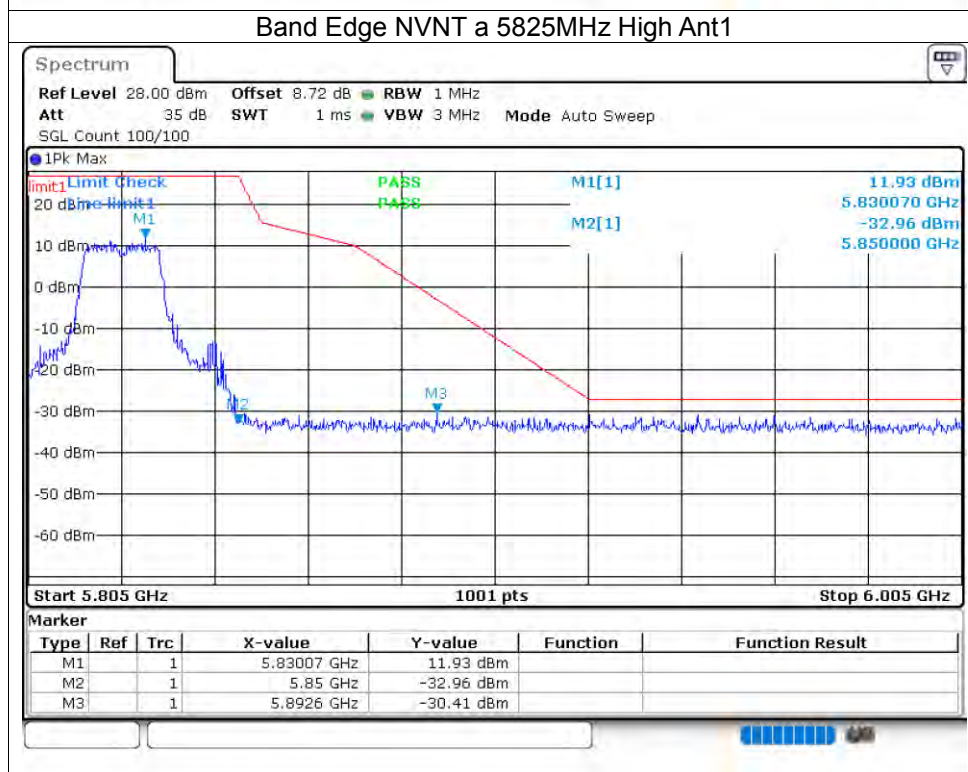
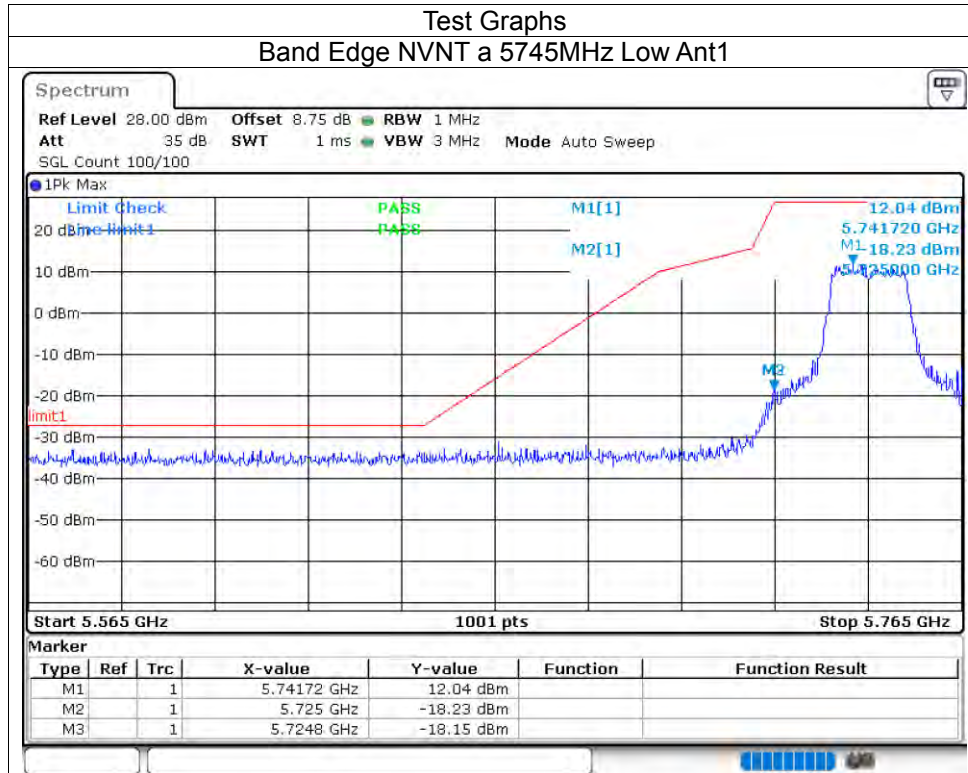


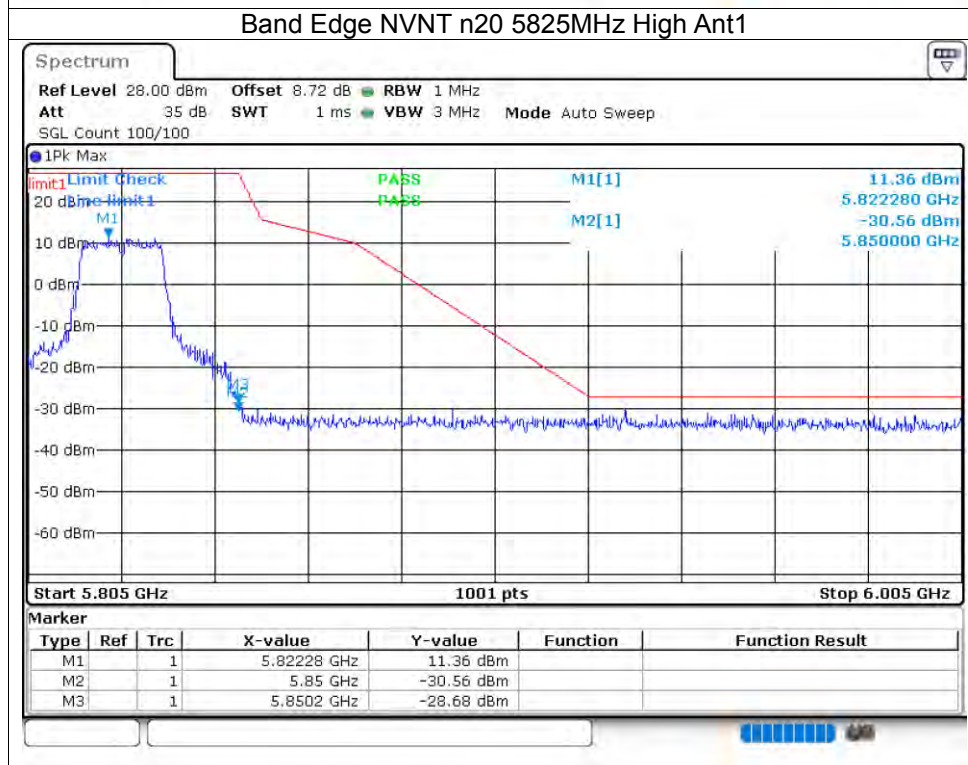
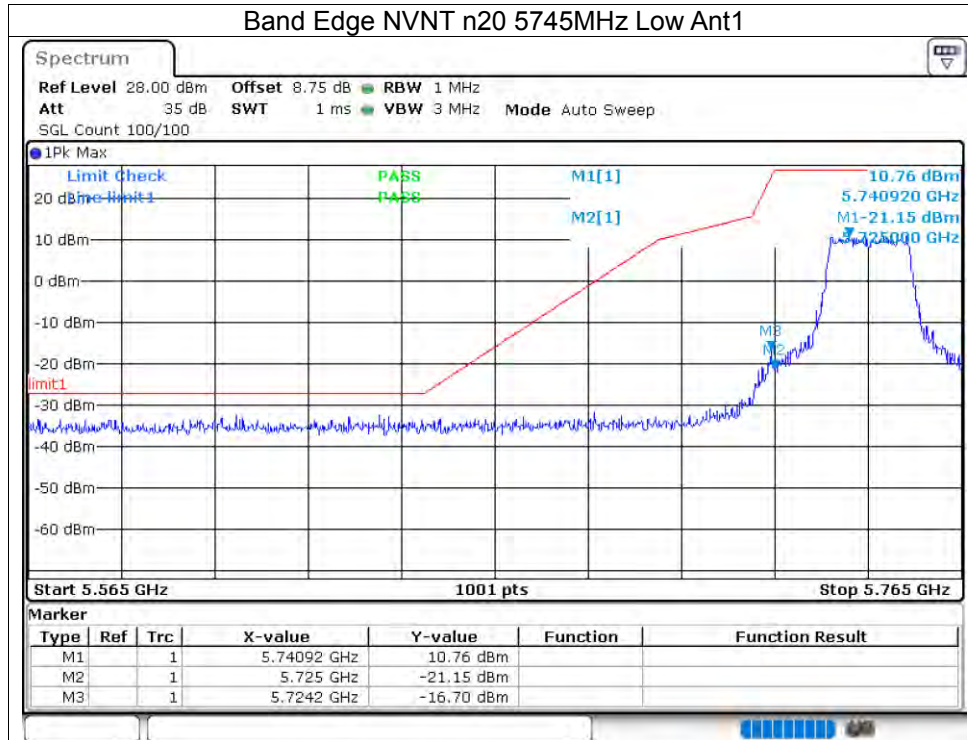


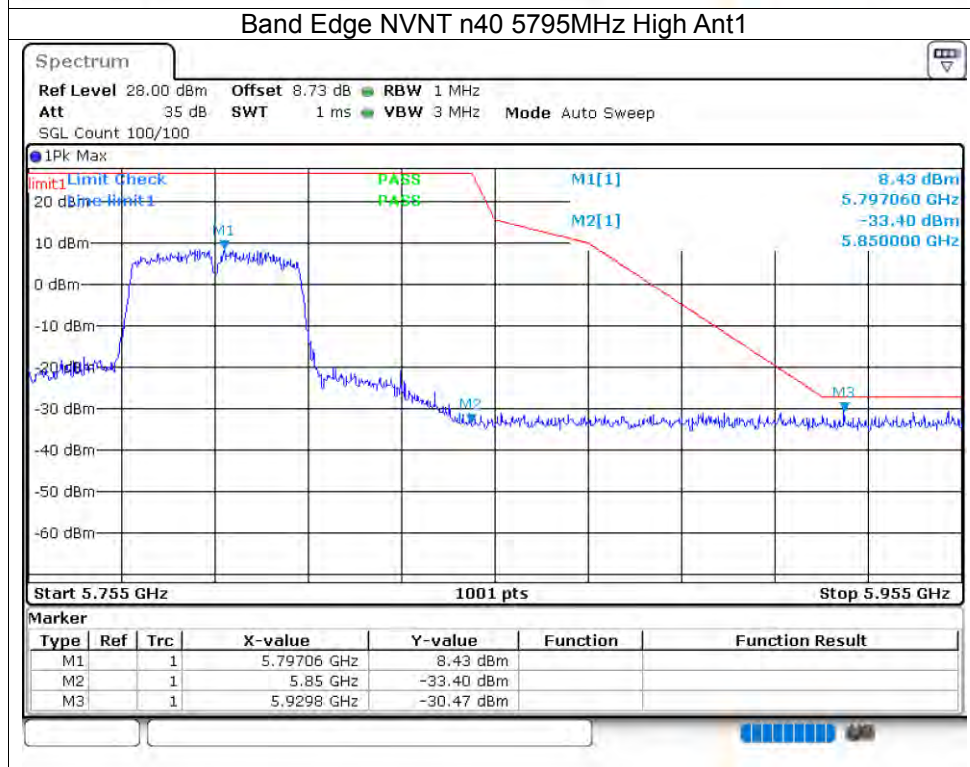
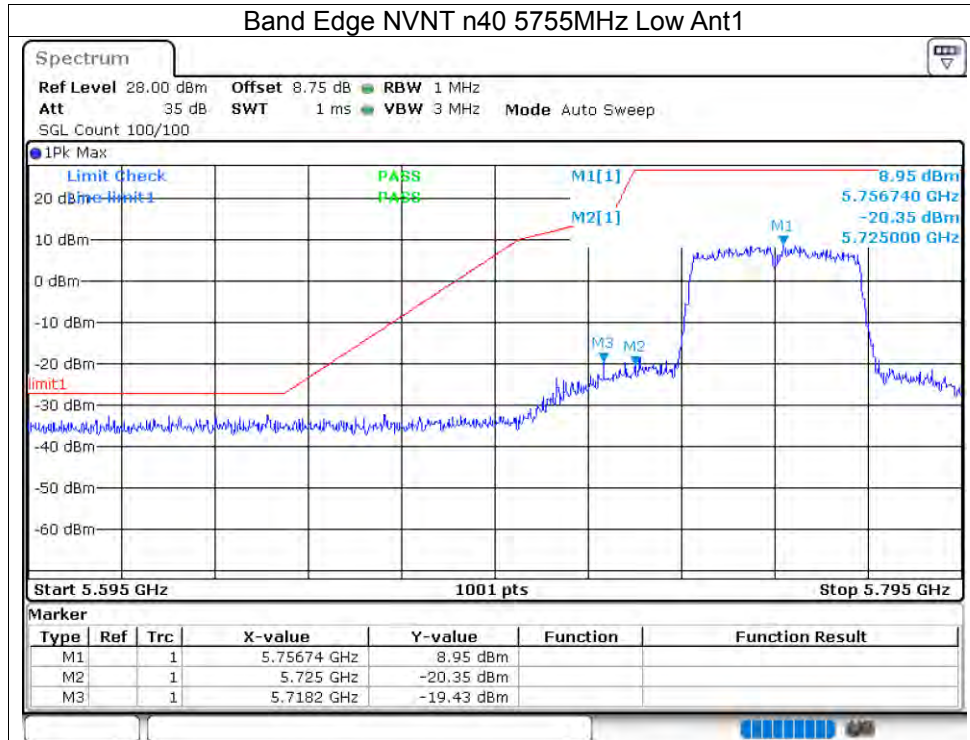


5.6 BAND EDGE

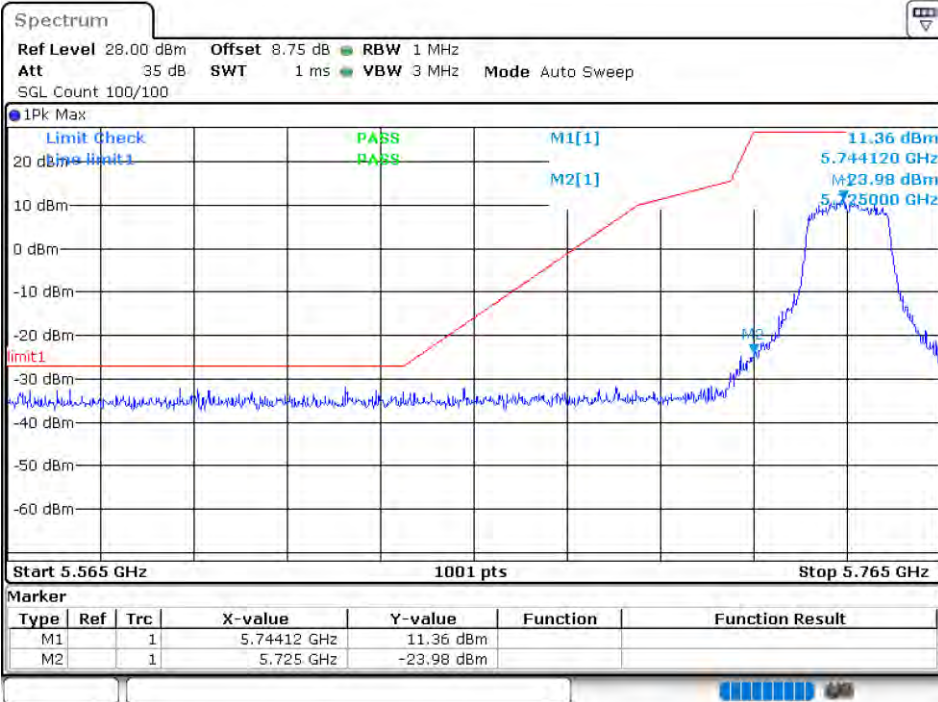
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-18.14	Pass
NVNT	a	5825	Ant1	-30.41	Pass
NVNT	n20	5745	Ant1	-16.7	Pass
NVNT	n20	5825	Ant1	-28.68	Pass
NVNT	n40	5755	Ant1	-19.42	Pass
NVNT	n40	5795	Ant1	-30.46	Pass
NVNT	ac20	5745	Ant1	-23.97	Pass
NVNT	ac20	5825	Ant1	-30.57	Pass
NVNT	ac40	5755	Ant1	-18.83	Pass
NVNT	ac40	5795	Ant1	-30.43	Pass
NVNT	ac80	5775	Ant1	-22.97	Pass



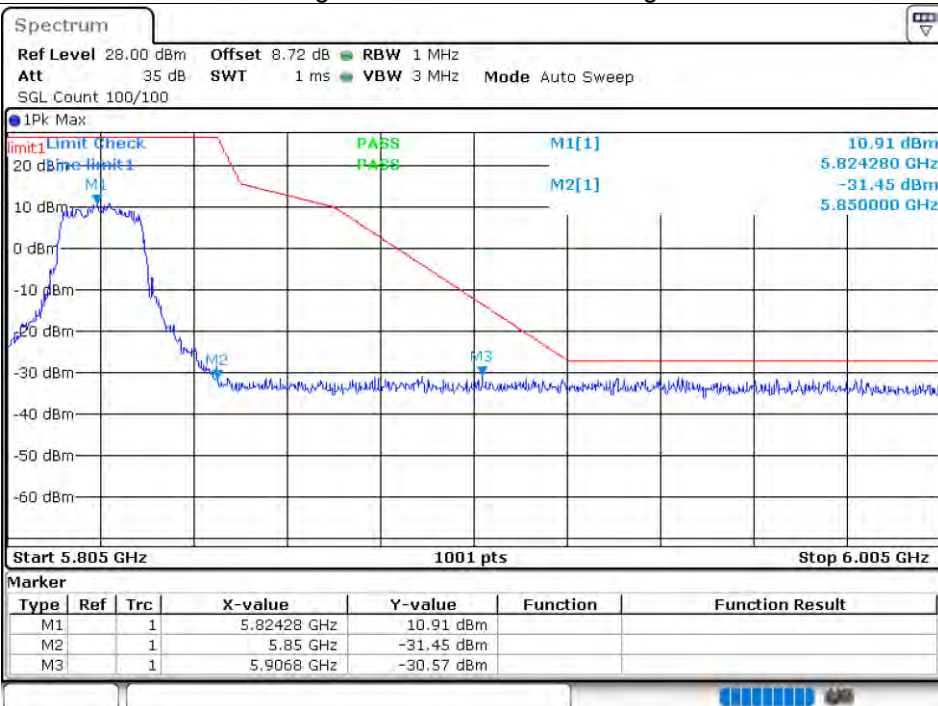




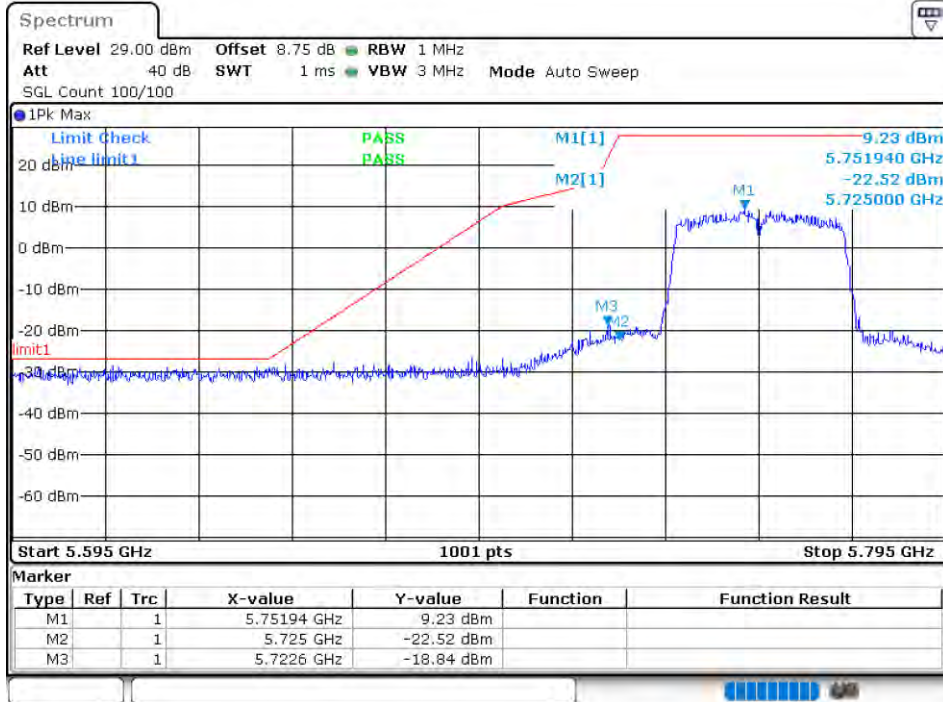
Band Edge NVNT ac20 5745MHz Low Ant1



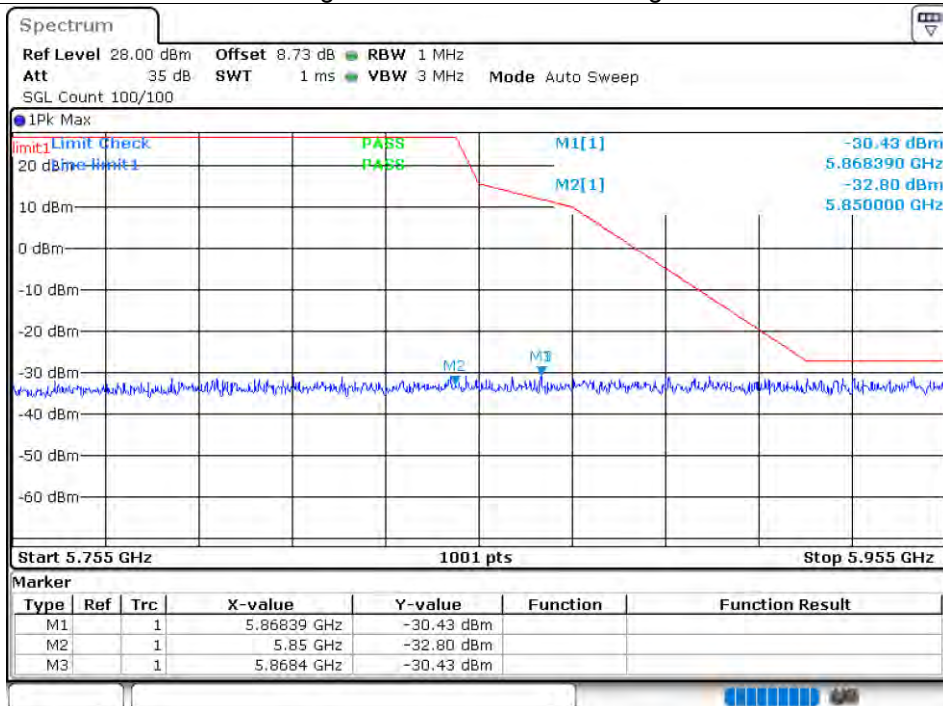
Band Edge NVNT ac20 5825MHz High Ant1

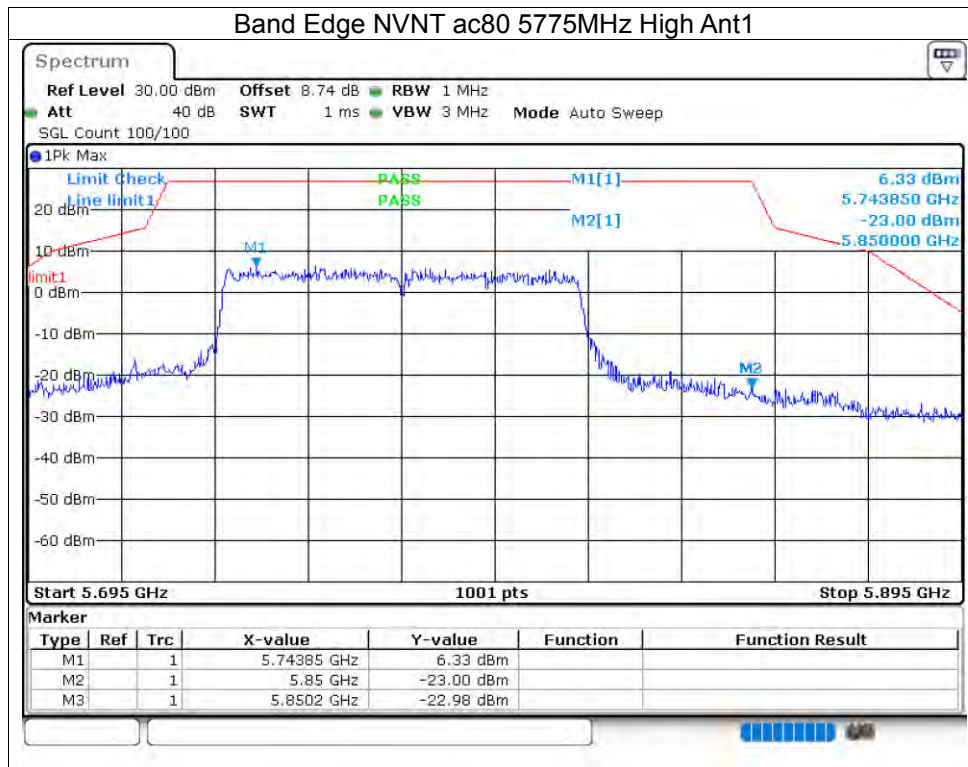


Band Edge NVNT ac40 5755MHz Low Ant1



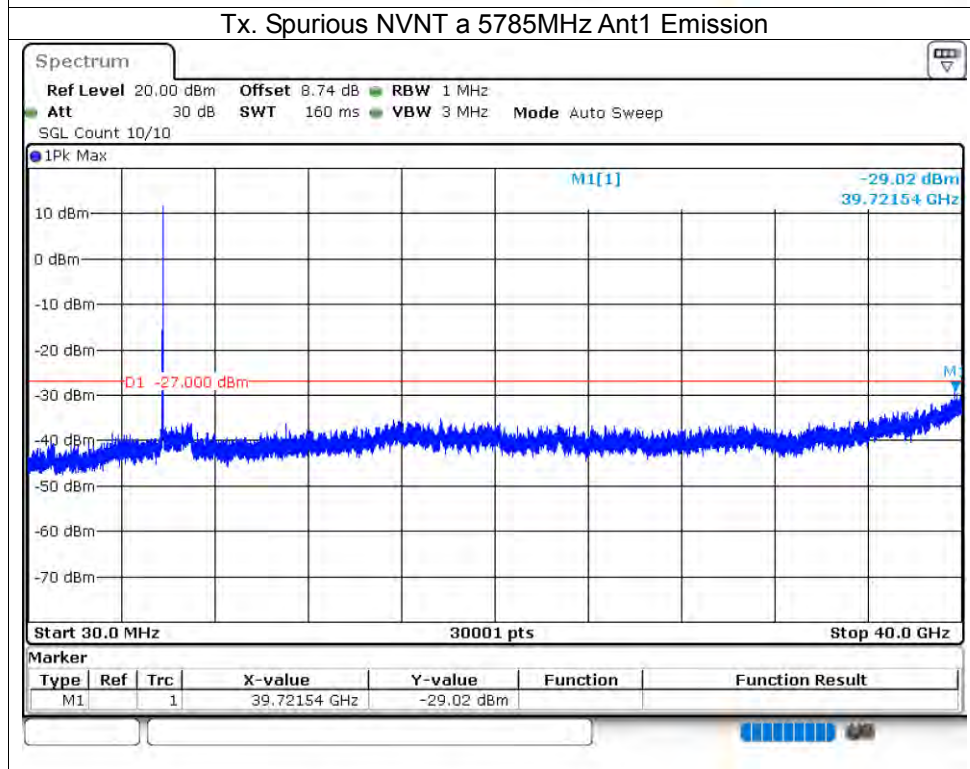
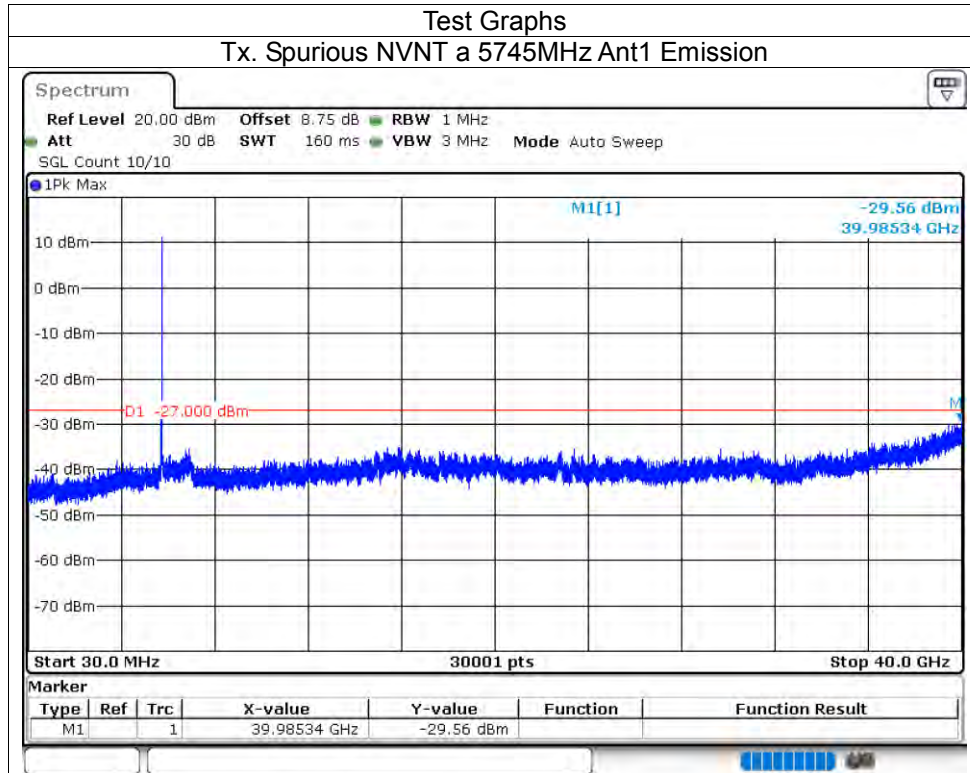
Band Edge NVNT ac40 5795MHz High Ant1

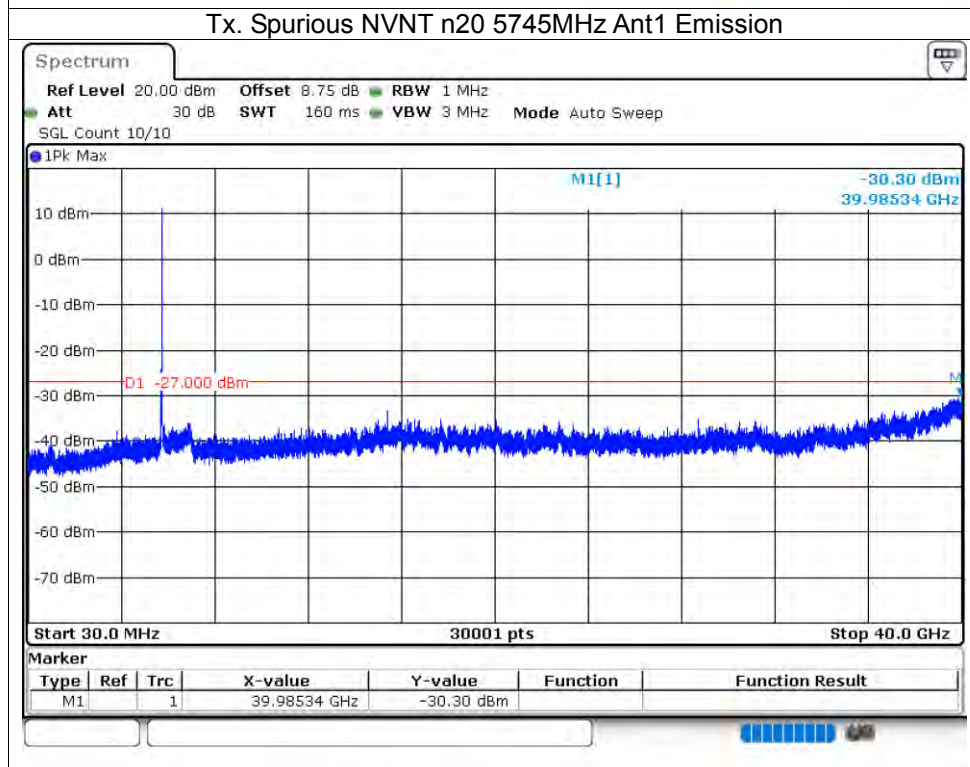
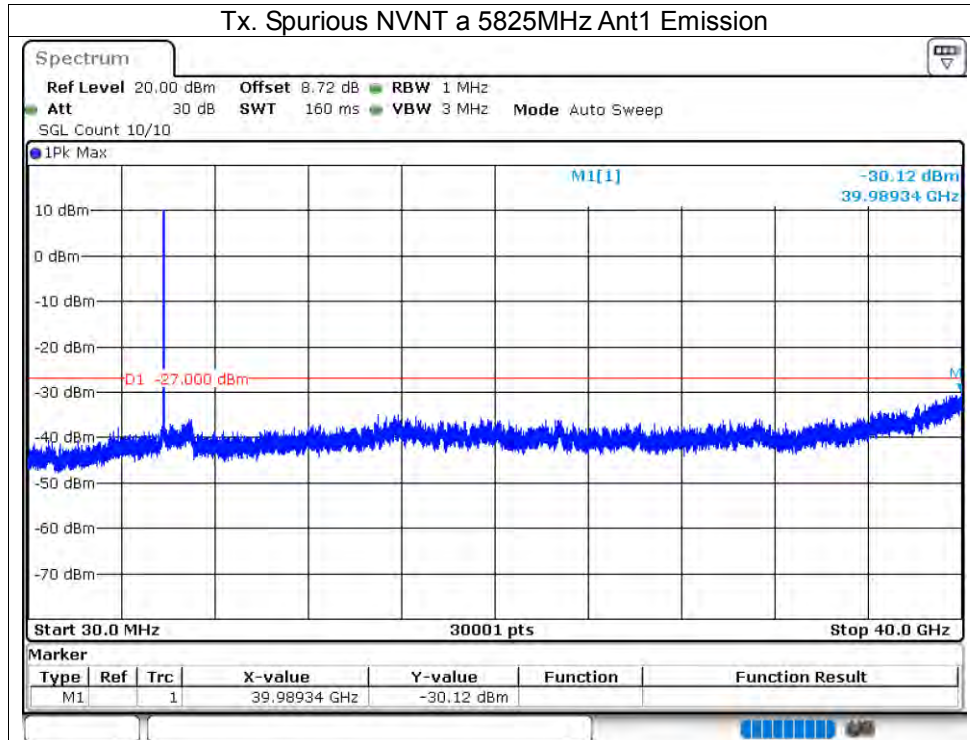


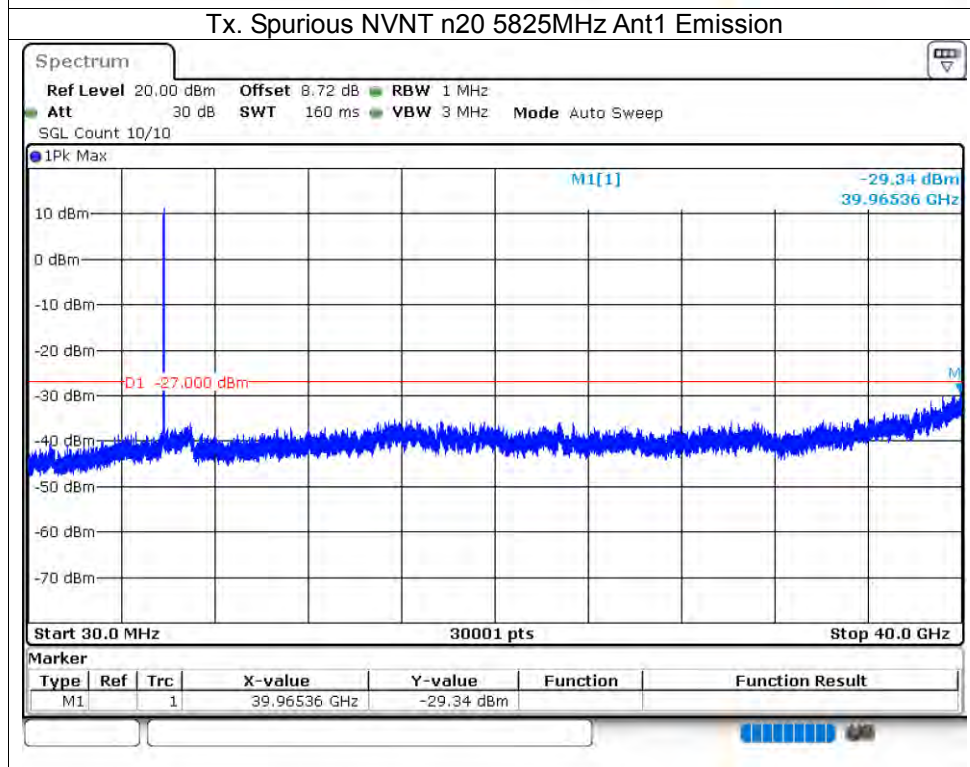
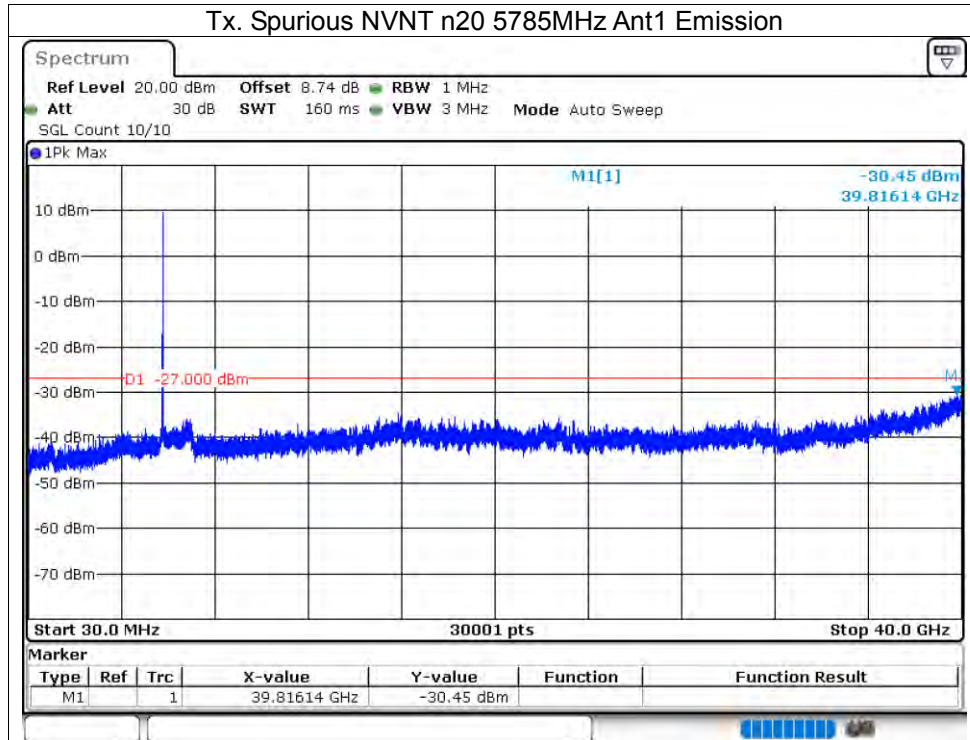


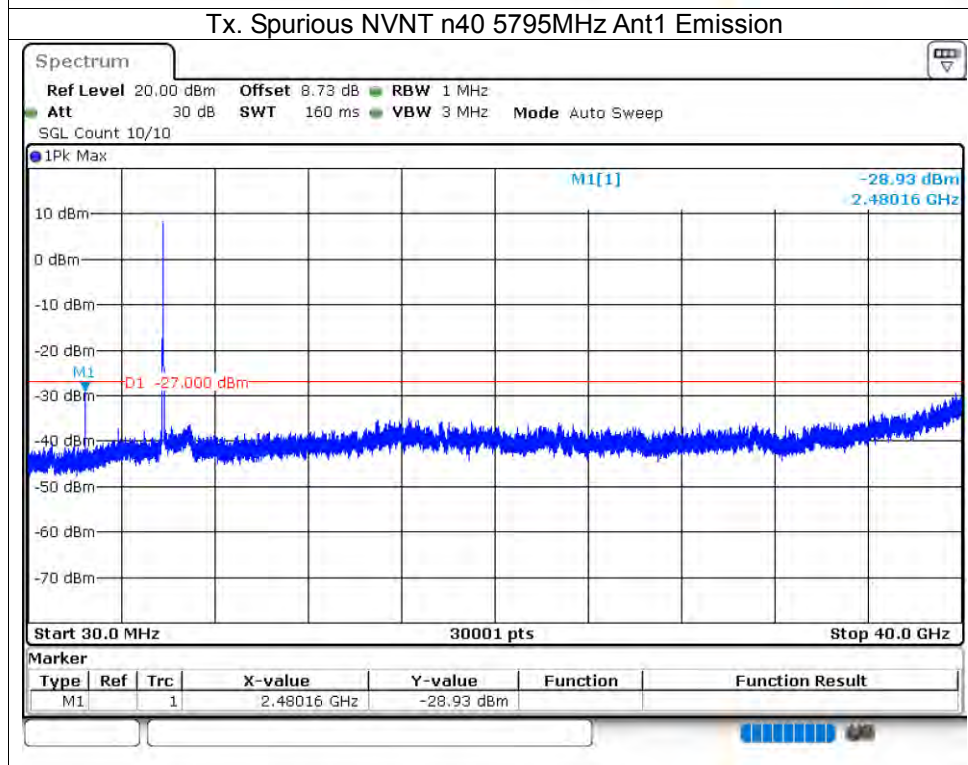
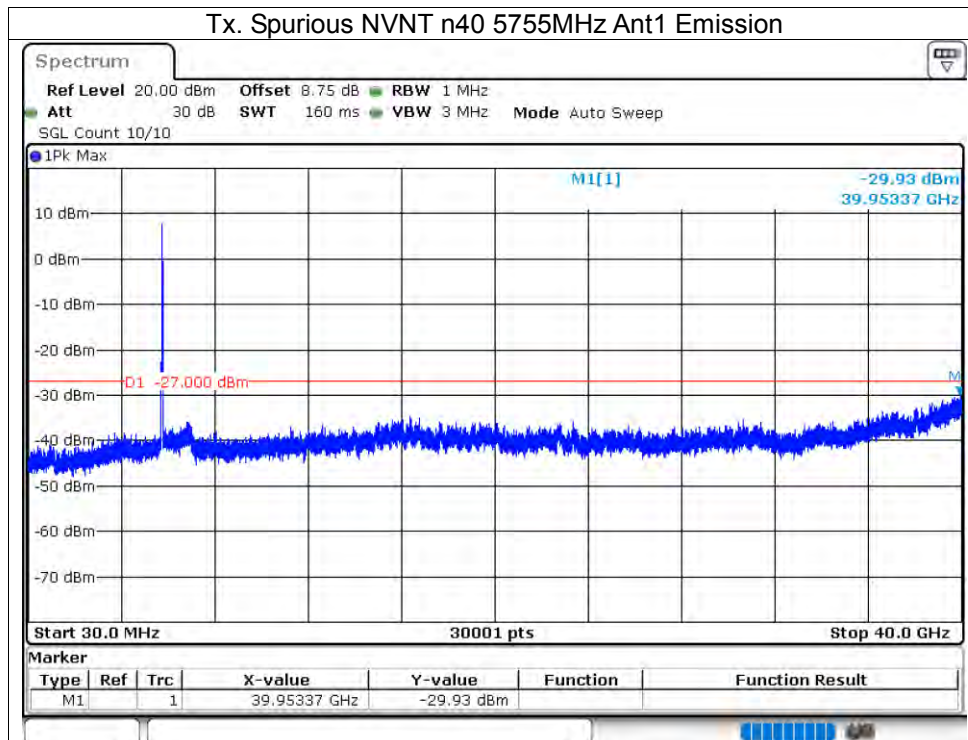
5.7 CONDUCTED RF SPURIOUS EMISSION

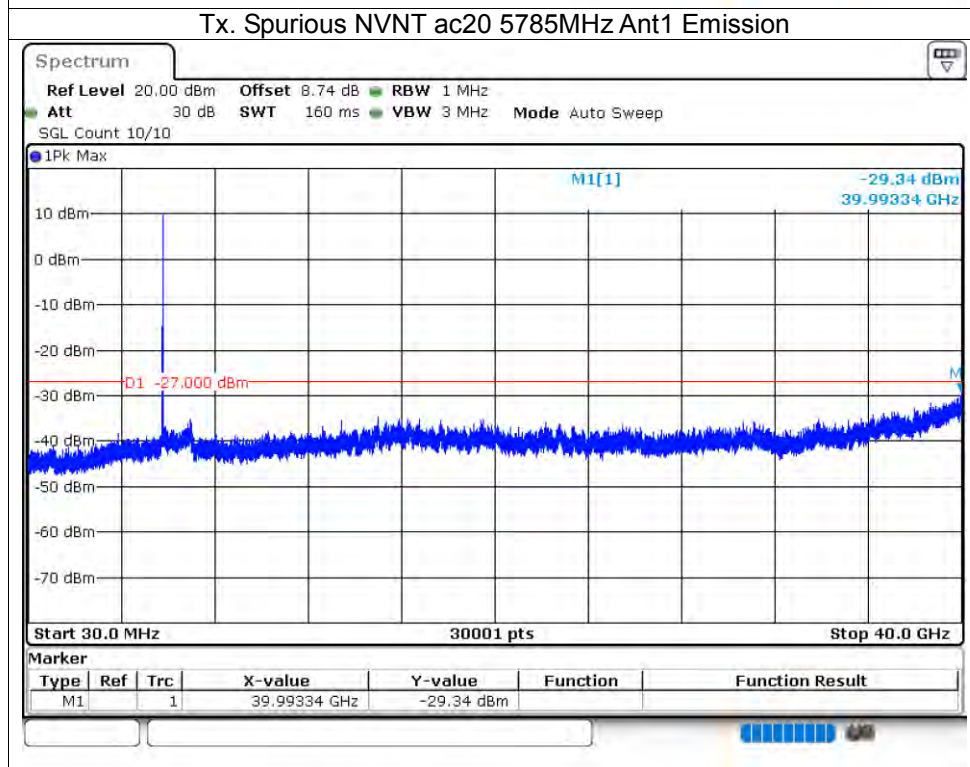
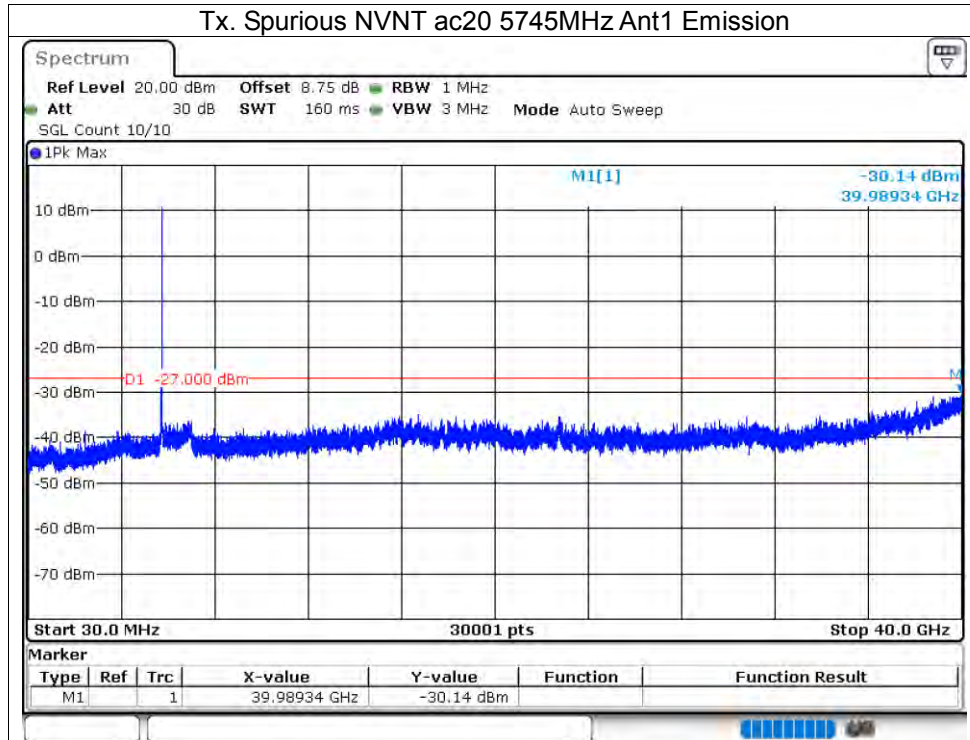
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-29.56	-27	Pass
NVNT	a	5785	Ant1	-29.01	-27	Pass
NVNT	a	5825	Ant1	-30.11	-27	Pass
NVNT	n20	5745	Ant1	-30.3	-27	Pass
NVNT	n20	5785	Ant1	-30.45	-27	Pass
NVNT	n20	5825	Ant1	-29.34	-27	Pass
NVNT	n40	5755	Ant1	-29.93	-27	Pass
NVNT	n40	5795	Ant1	-28.92	-27	Pass
NVNT	ac20	5745	Ant1	-30.13	-27	Pass
NVNT	ac20	5785	Ant1	-29.34	-27	Pass
NVNT	ac20	5825	Ant1	-28.66	-27	Pass
NVNT	ac40	5755	Ant1	-29.66	-27	Pass
NVNT	ac40	5795	Ant1	-29.34	-27	Pass
NVNT	ac80	5775	Ant1	-29.33	-27	Pass

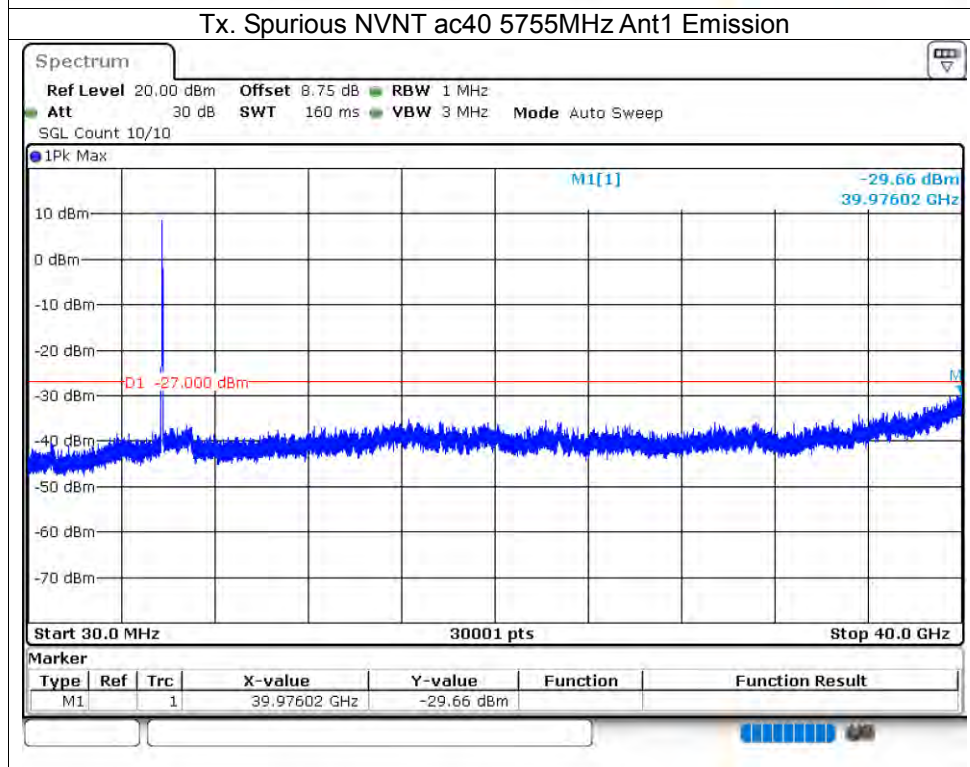
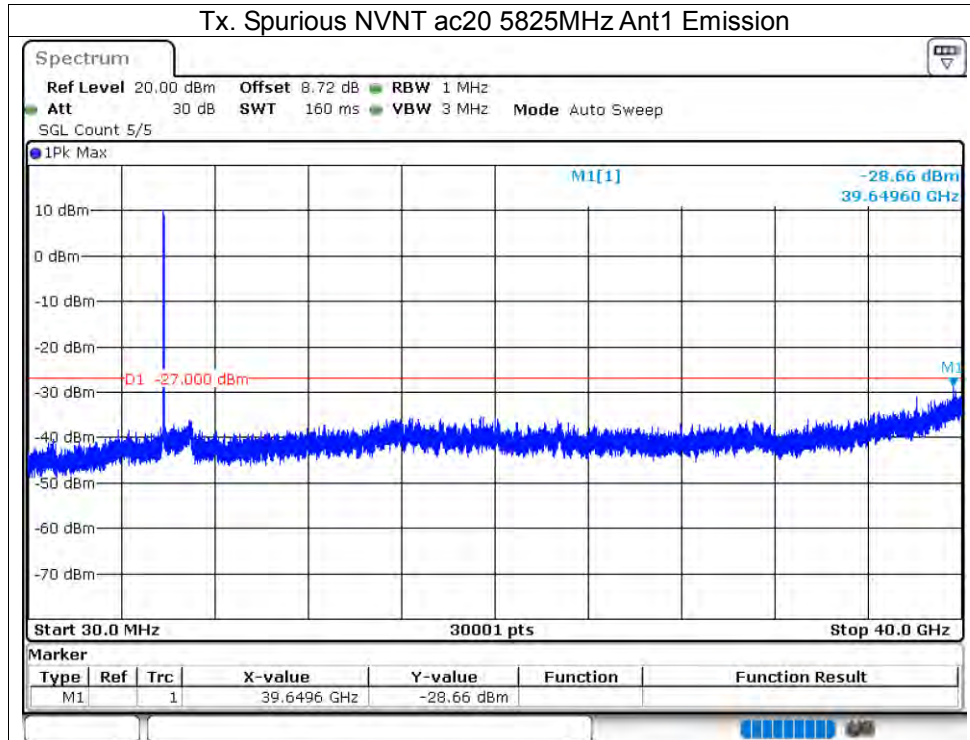


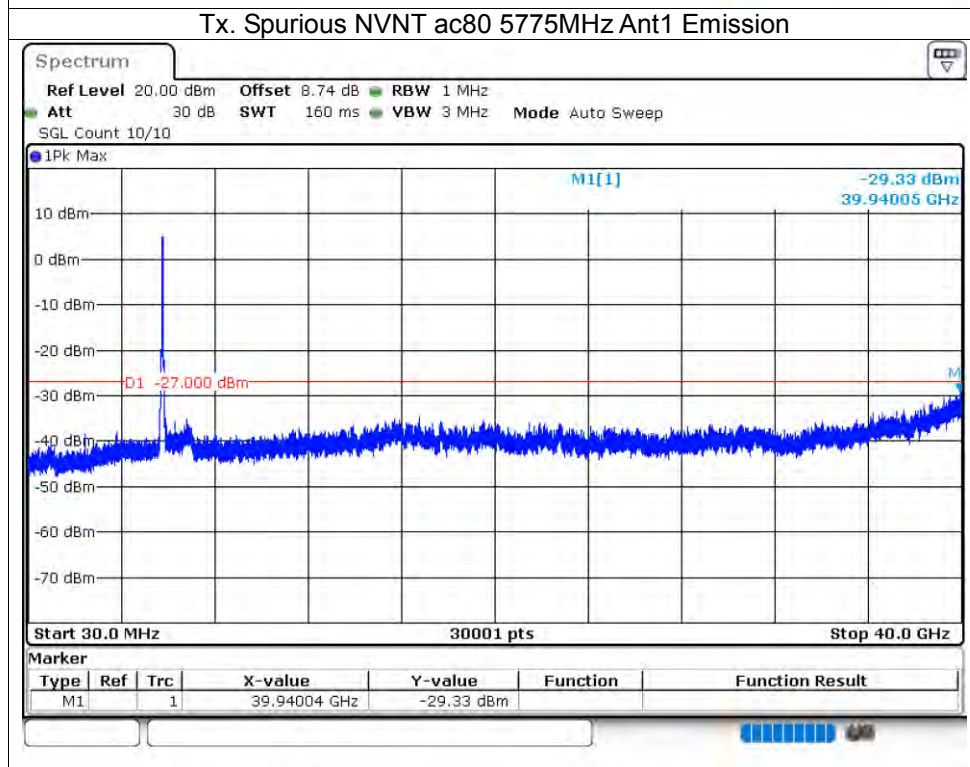
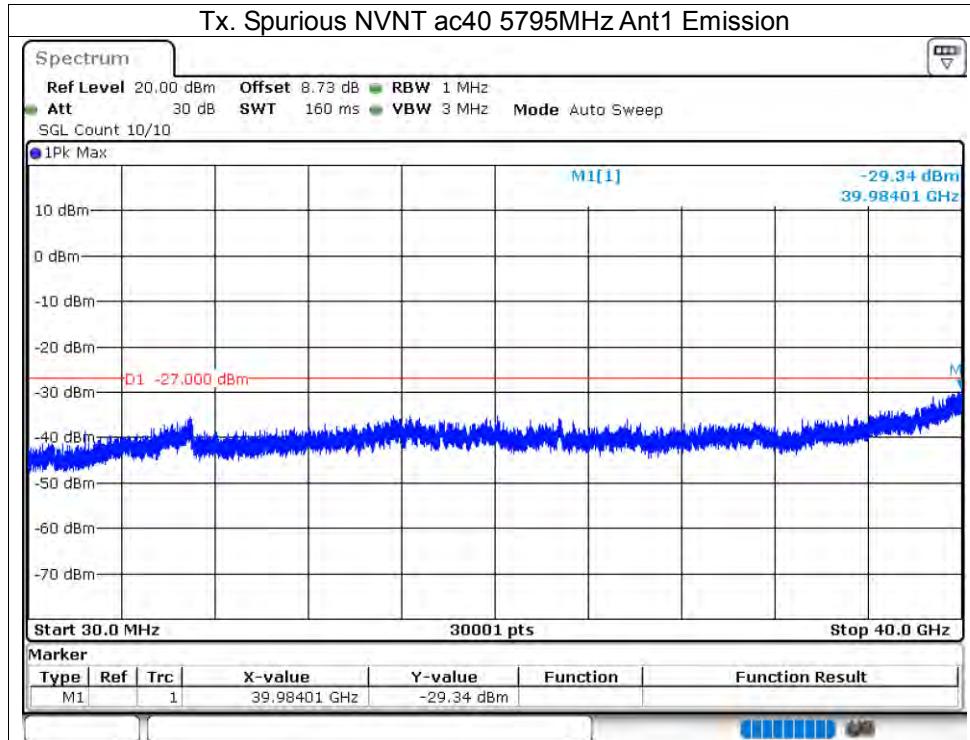












END OF REPORT