

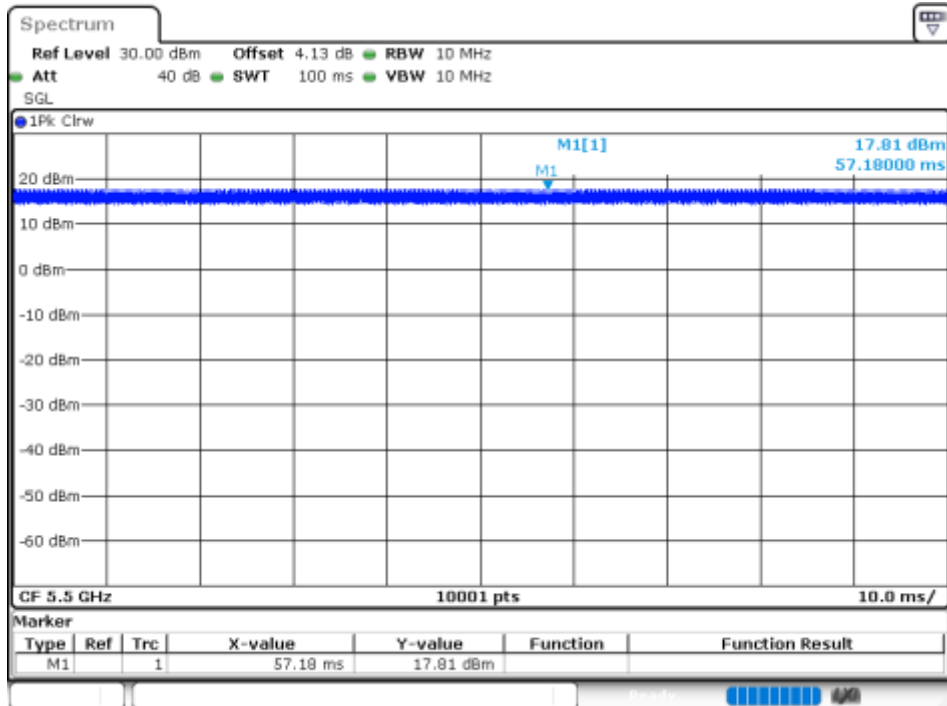
5.6GWIFI

Duty Cycle

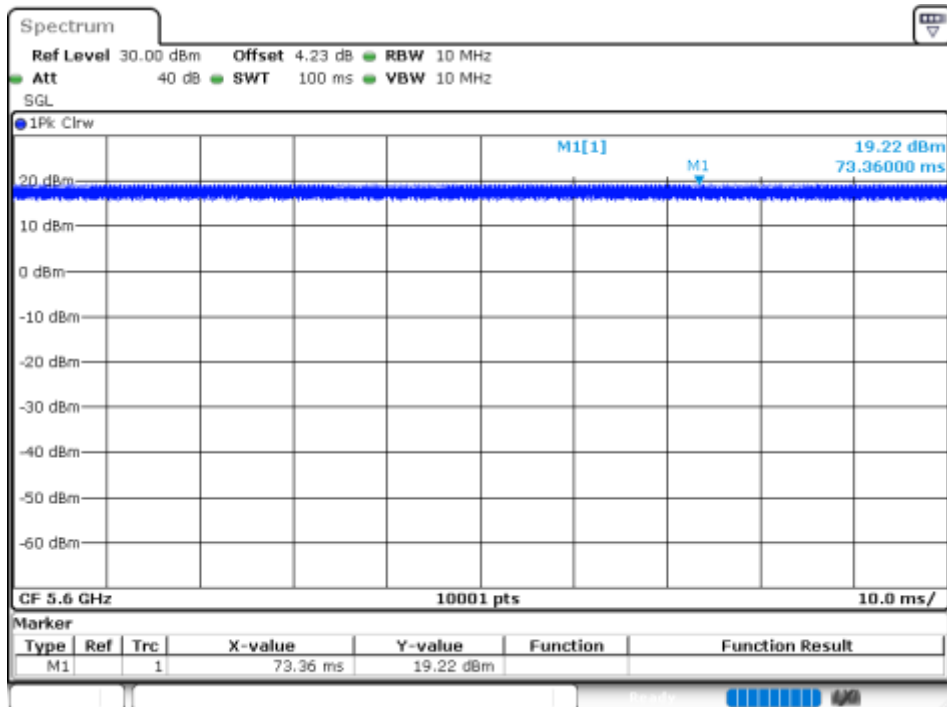
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	100	0	0
NVNT	a	5600	Ant1	100	0	0
NVNT	a	5700	Ant1	100	0	0
NVNT	n20	5500	Ant1	100	0	0
NVNT	n20	5600	Ant1	100	0	0
NVNT	n20	5700	Ant1	100	0	0
NVNT	n40	5510	Ant1	100	0	0
NVNT	n40	5590	Ant1	100	0	0
NVNT	n40	5670	Ant1	100	0	0
NVNT	ac20	5500	Ant1	100	0	0
NVNT	ac20	5600	Ant1	100	0	0
NVNT	ac20	5700	Ant1	100	0	0
NVNT	ac40	5510	Ant1	100	0	0
NVNT	ac40	5590	Ant1	100	0	0
NVNT	ac40	5670	Ant1	100	0	0
NVNT	ac80	5530	Ant1	100	0	0
NVNT	ac80	5610	Ant1	100	0	0

Test Graphs

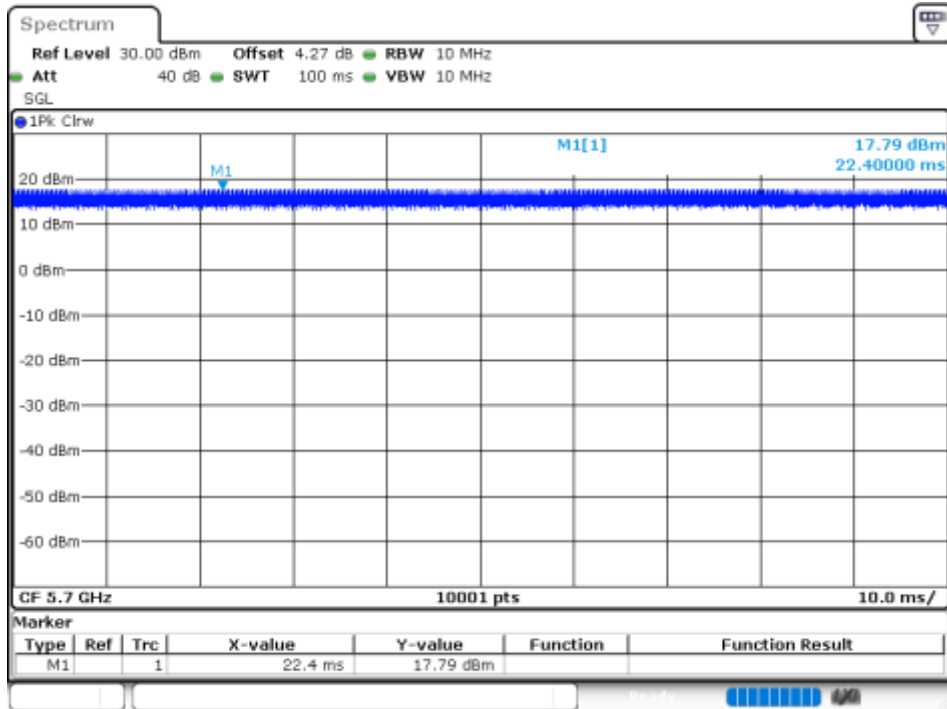
Duty Cycle NVNT a 5500MHz Ant1



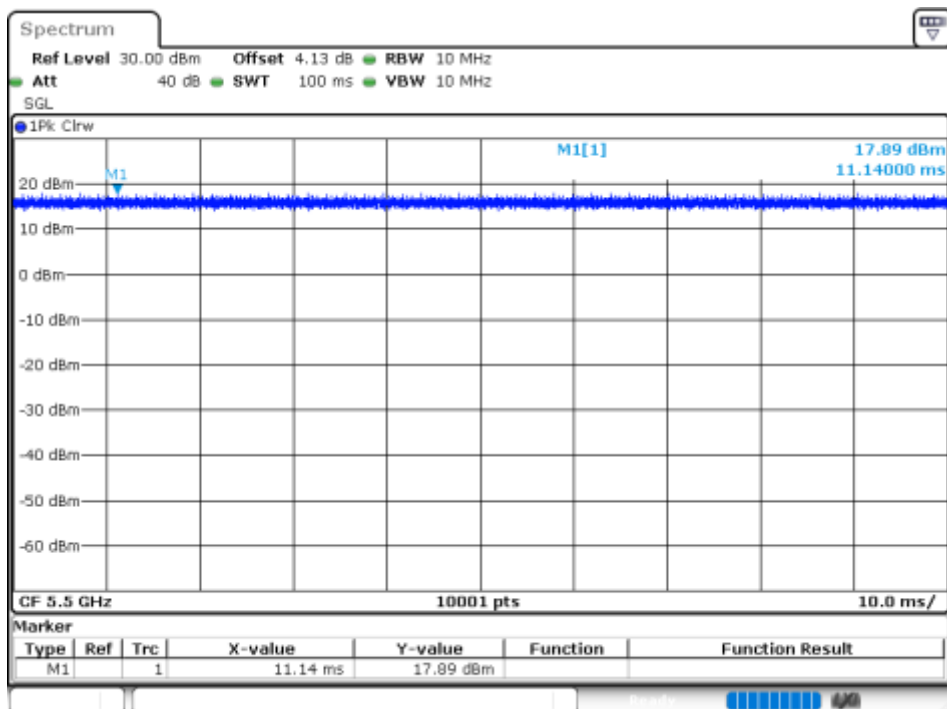
Duty Cycle NVNT a 5600MHz Ant1



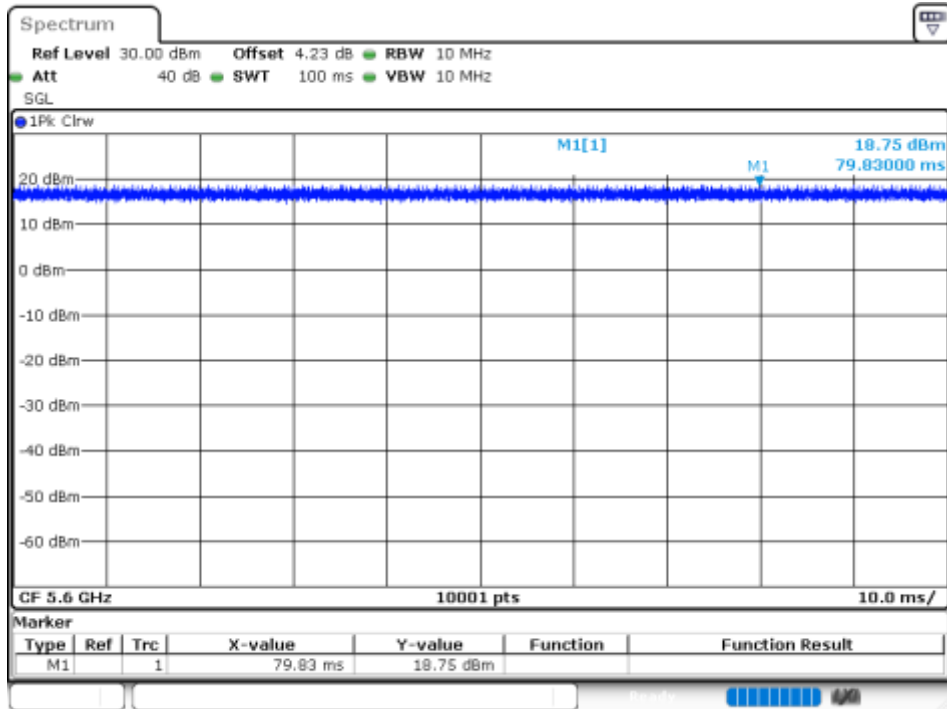
Duty Cycle NVNT a 5700MHz Ant1



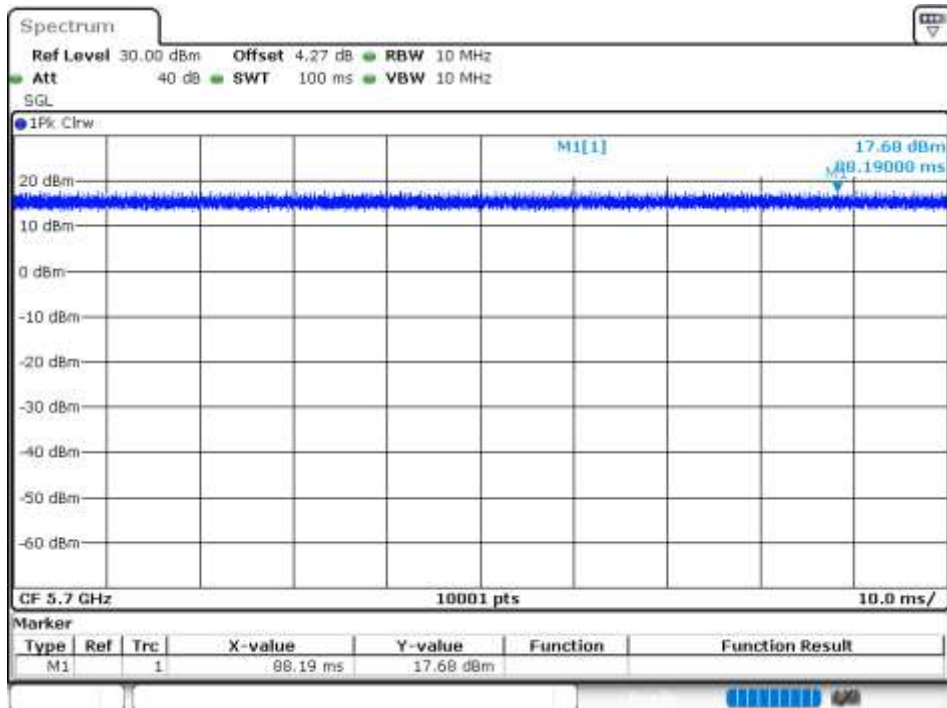
Duty Cycle NVNT n20 5500MHz Ant1



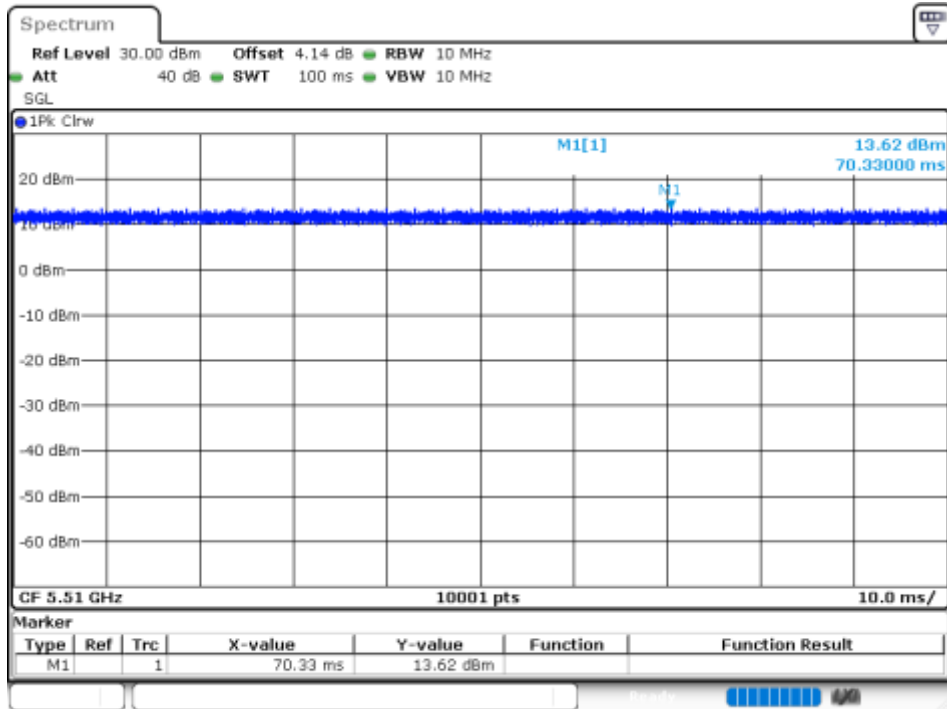
Duty Cycle NVNT n20 5600MHz Ant1



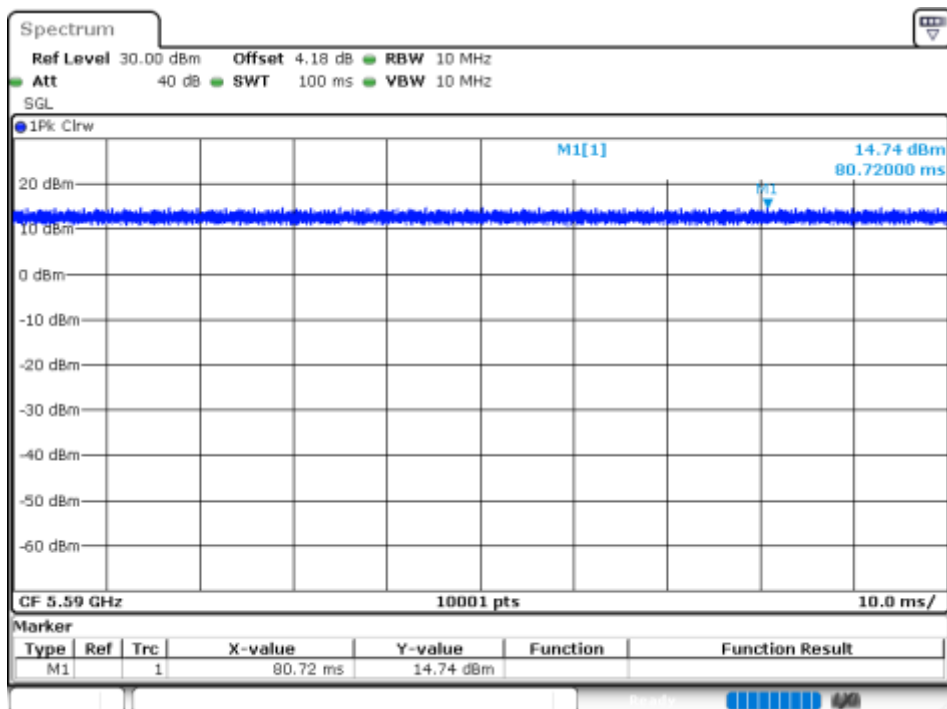
Duty Cycle NVNT n20 5700MHz Ant1



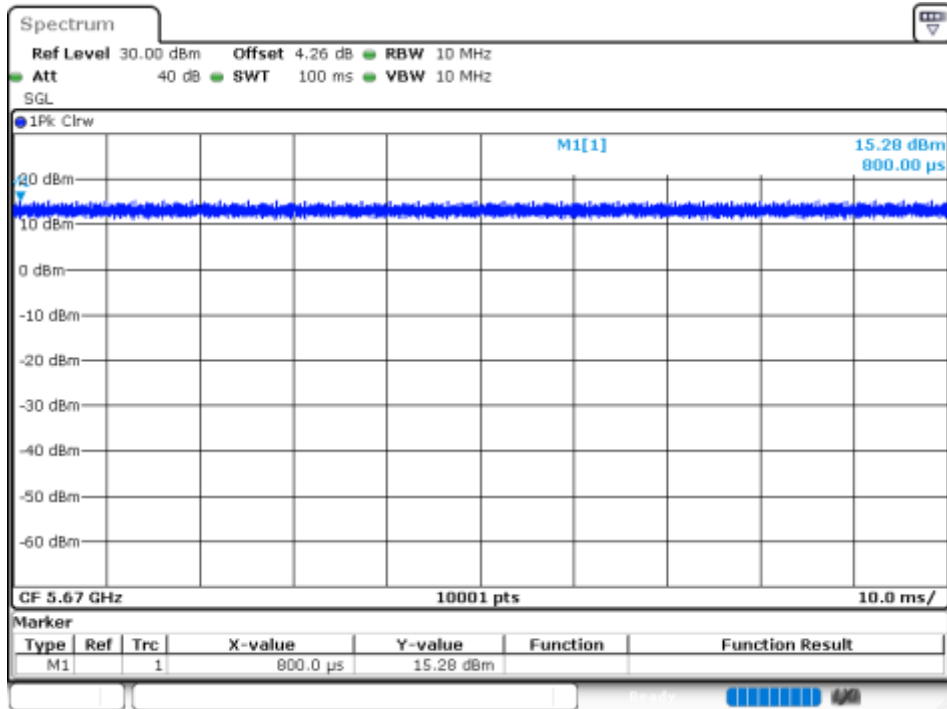
Duty Cycle NVNT n40 5510MHz Ant1



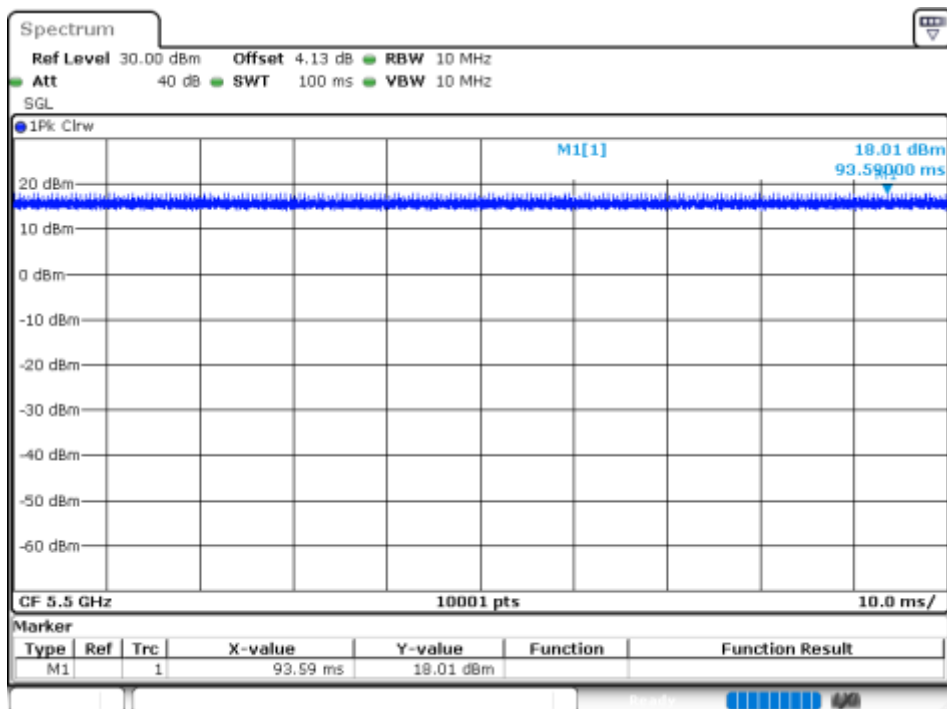
Duty Cycle NVNT n40 5590MHz Ant1



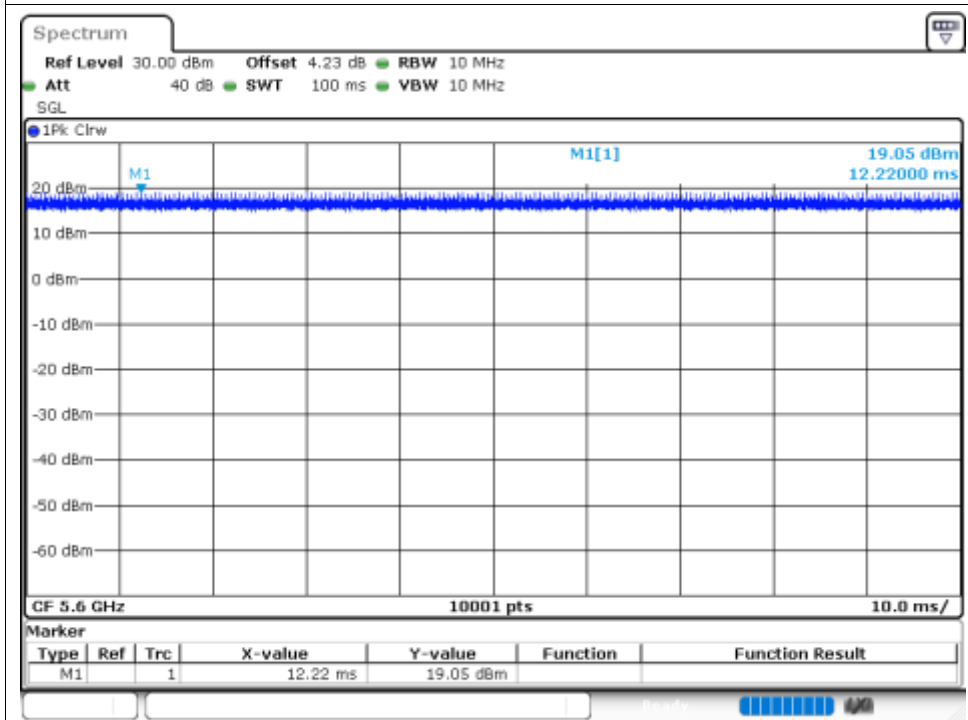
Duty Cycle NVNT n40 5670MHz Ant1



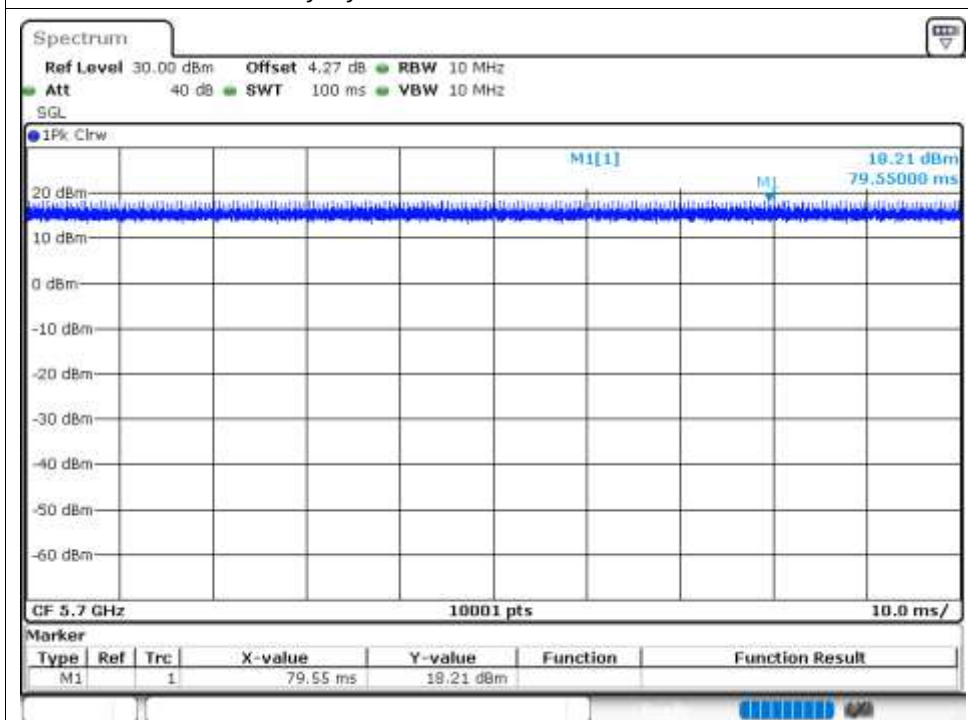
Duty Cycle NVNT ac20 5500MHz Ant1



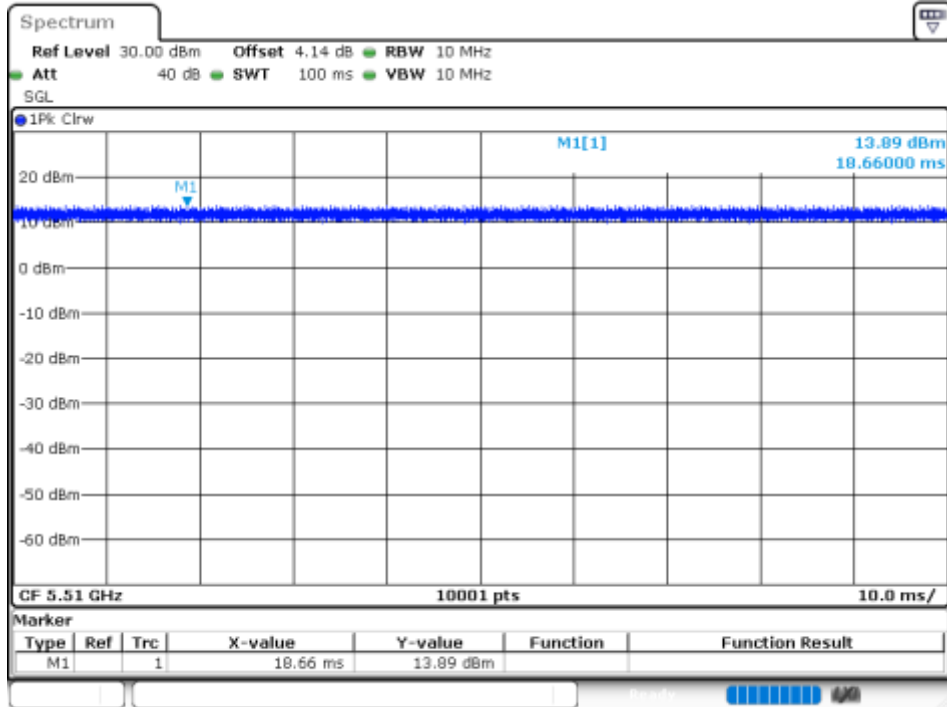
Duty Cycle NVNT ac20 5600MHz Ant1



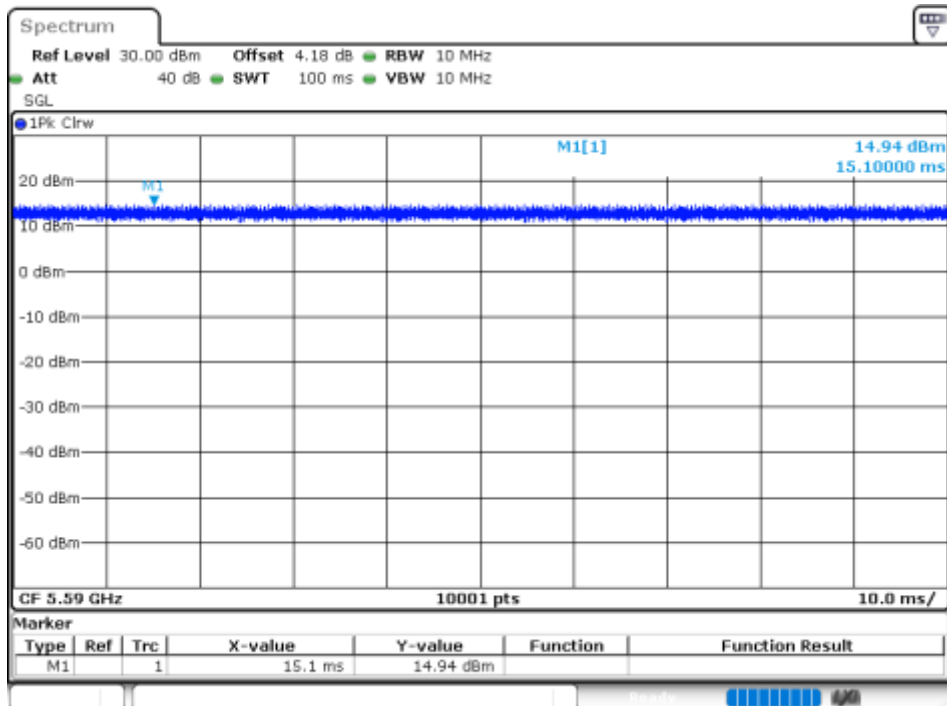
Duty Cycle NVNT ac20 5700MHz Ant1



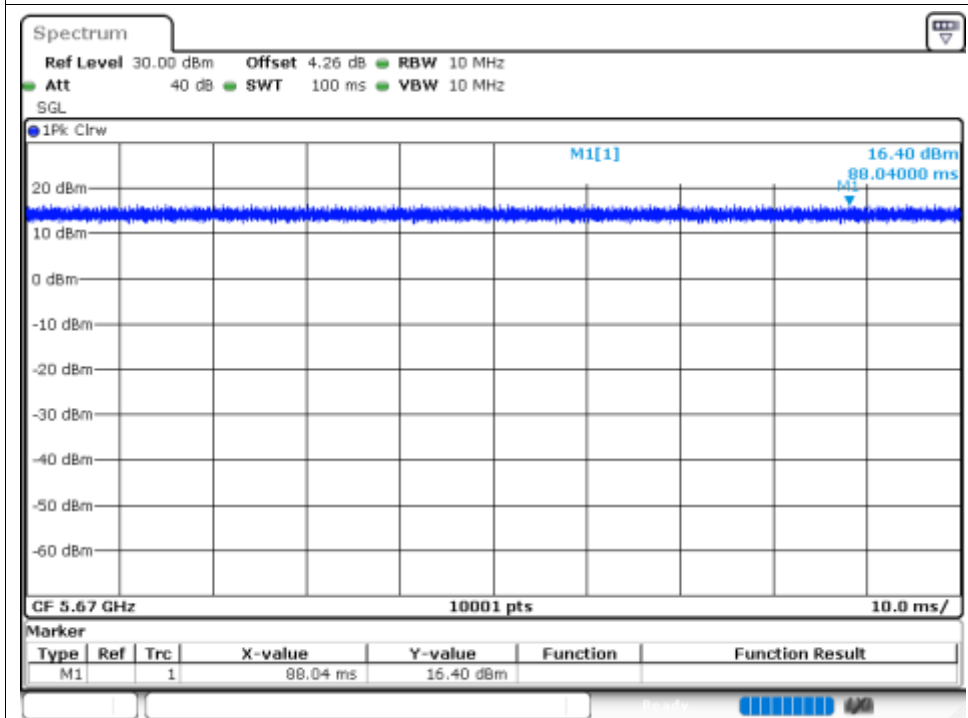
Duty Cycle NVNT ac40 5510MHz Ant1



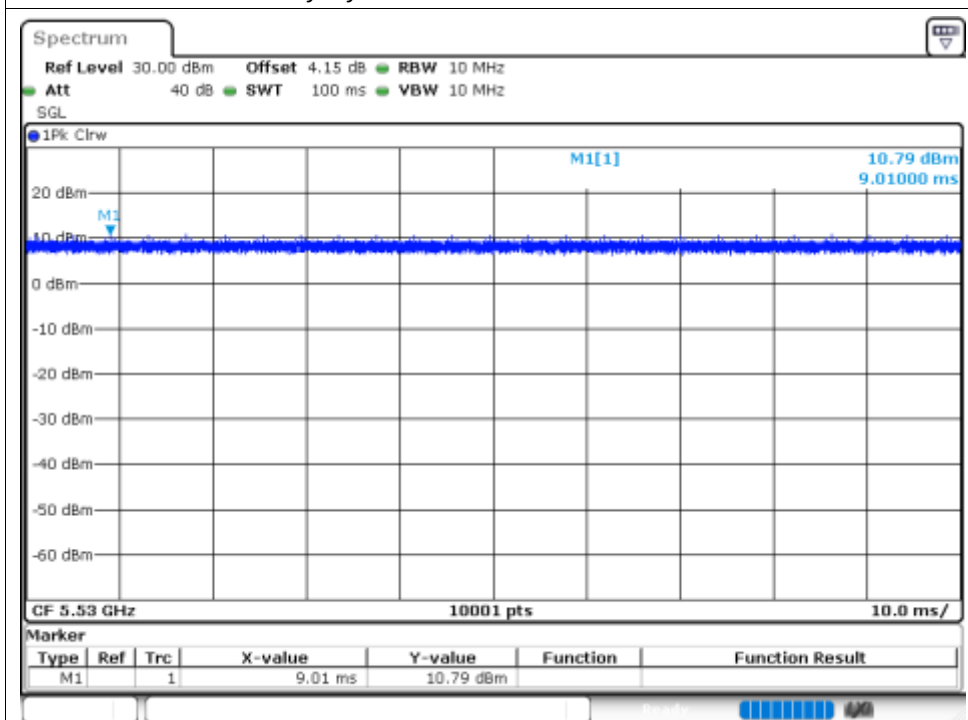
Duty Cycle NVNT ac40 5590MHz Ant1

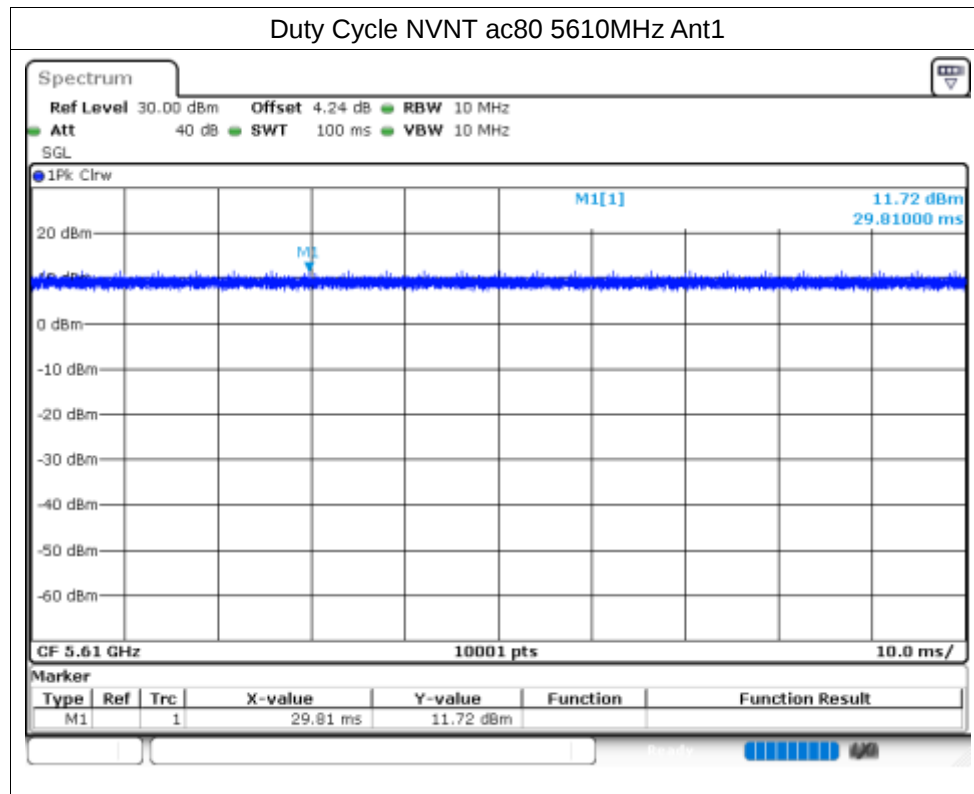


Duty Cycle NVNT ac40 5670MHz Ant1



Duty Cycle NVNT ac80 5530MHz Ant1





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	13.18	24	Pass
NVNT	a	5600	Ant1	13.34	24	Pass
NVNT	a	5700	Ant1	12.03	24	Pass
NVNT	n20	5500	Ant1	13.23	24	Pass
NVNT	n20	5600	Ant1	12.52	24	Pass
NVNT	n20	5700	Ant1	11.88	24	Pass
NVNT	n40	5510	Ant1	11.31	24	Pass
NVNT	n40	5590	Ant1	11.5	24	Pass
NVNT	n40	5670	Ant1	12.54	24	Pass
NVNT	ac20	5500	Ant1	12.8	24	Pass
NVNT	ac20	5600	Ant1	12.36	24	Pass
NVNT	ac20	5700	Ant1	11.85	24	Pass
NVNT	ac40	5510	Ant1	11.43	24	Pass
NVNT	ac40	5590	Ant1	11.38	24	Pass
NVNT	ac40	5670	Ant1	12.98	24	Pass
NVNT	ac80	5530	Ant1	10.26	24	Pass
NVNT	ac80	5610	Ant1	10.47	24	Pass

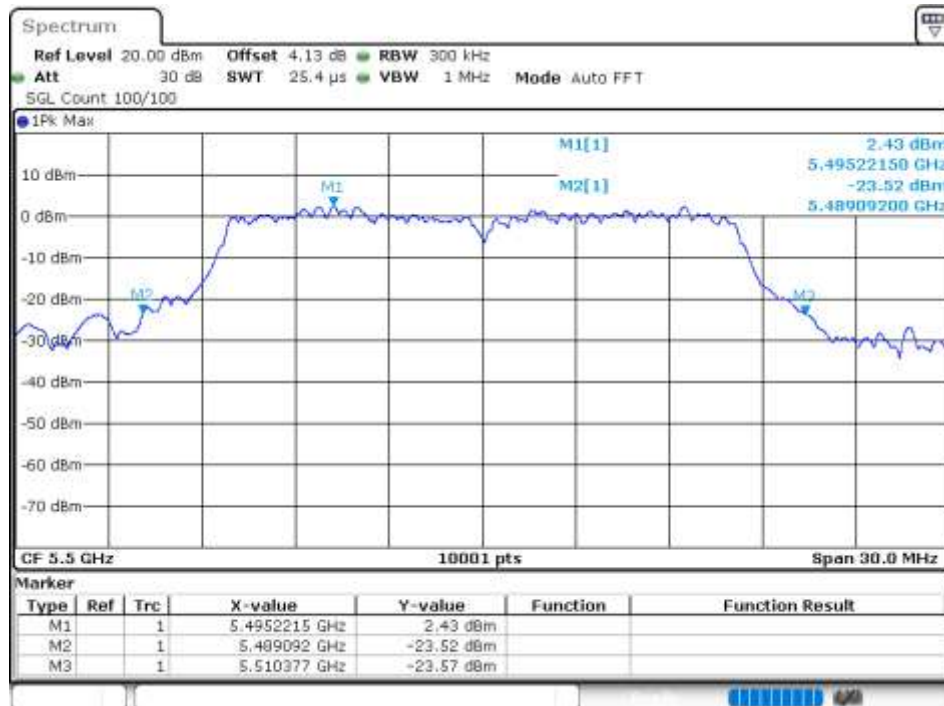
Note: The average power value already includes the duty cycle factor

-26dB Bandwidth

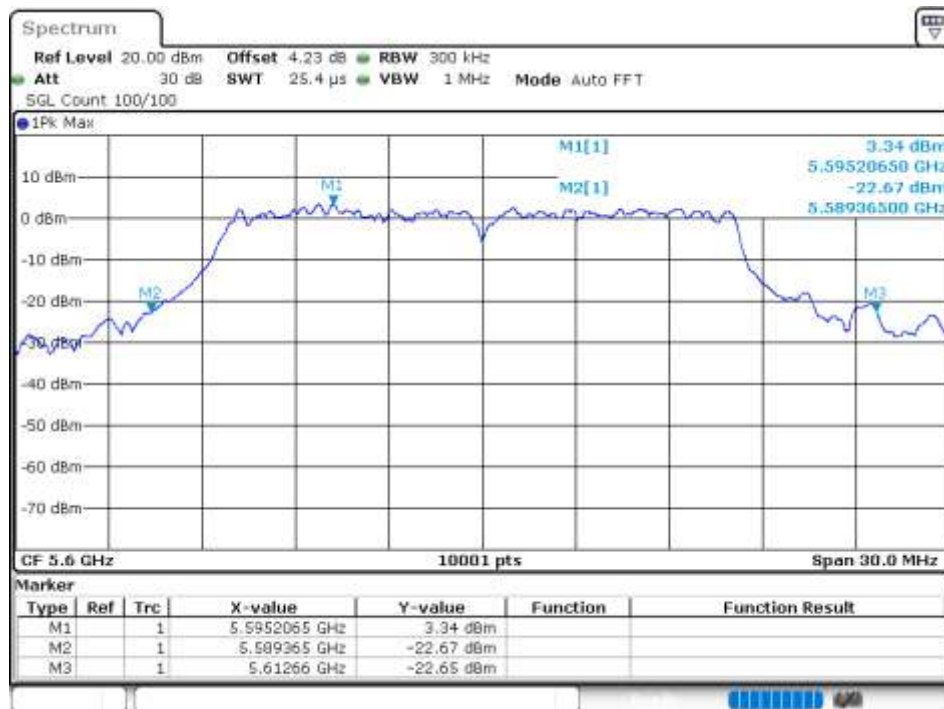
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	21.285	Pass
NVNT	a	5600	Ant1	23.295	Pass
NVNT	a	5700	Ant1	21.348	Pass
NVNT	n20	5500	Ant1	21.768	Pass
NVNT	n20	5600	Ant1	21.084	Pass
NVNT	n20	5700	Ant1	21.51	Pass
NVNT	n40	5510	Ant1	42.684	Pass
NVNT	n40	5590	Ant1	42.576	Pass
NVNT	n40	5670	Ant1	48.678	Pass
NVNT	ac20	5500	Ant1	21.261	Pass
NVNT	ac20	5600	Ant1	22.665	Pass
NVNT	ac20	5700	Ant1	22.833	Pass
NVNT	ac40	5510	Ant1	42.498	Pass
NVNT	ac40	5590	Ant1	42.408	Pass
NVNT	ac40	5670	Ant1	58.866	Pass
NVNT	ac80	5530	Ant1	83.172	Pass
NVNT	ac80	5610	Ant1	83.04	Pass

Test Graphs

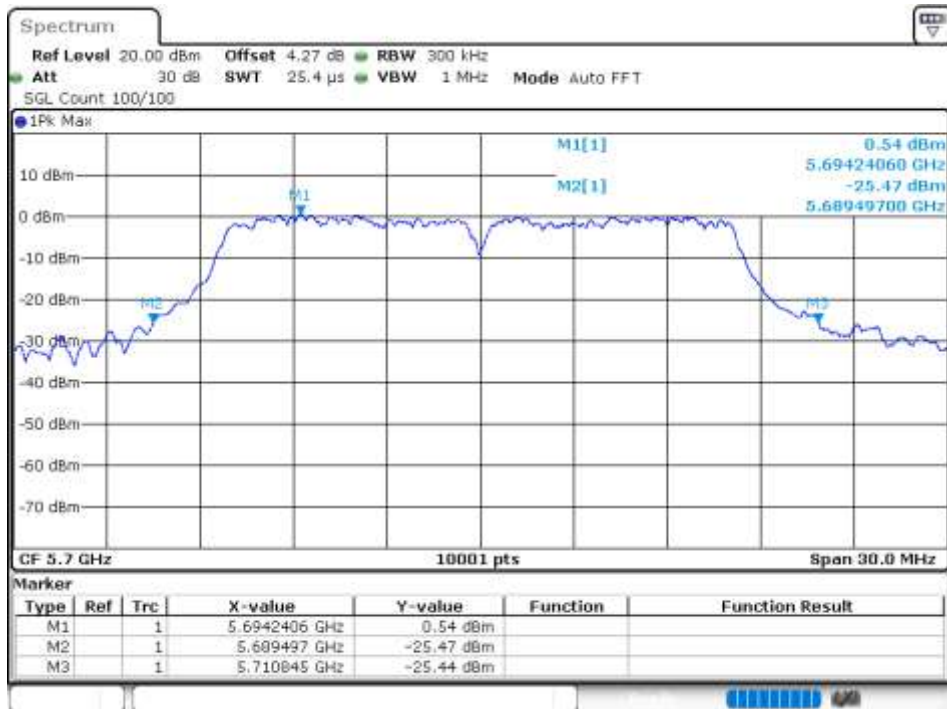
-26dB Bandwidth NVNT a 5500MHz Ant1



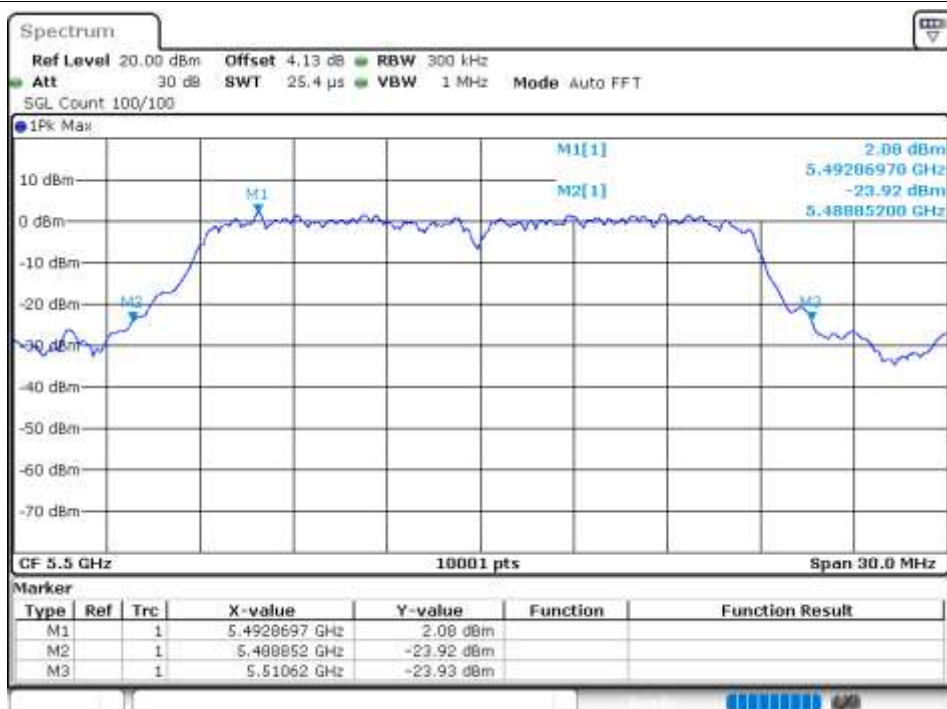
-26dB Bandwidth NVNT a 5600MHz Ant1



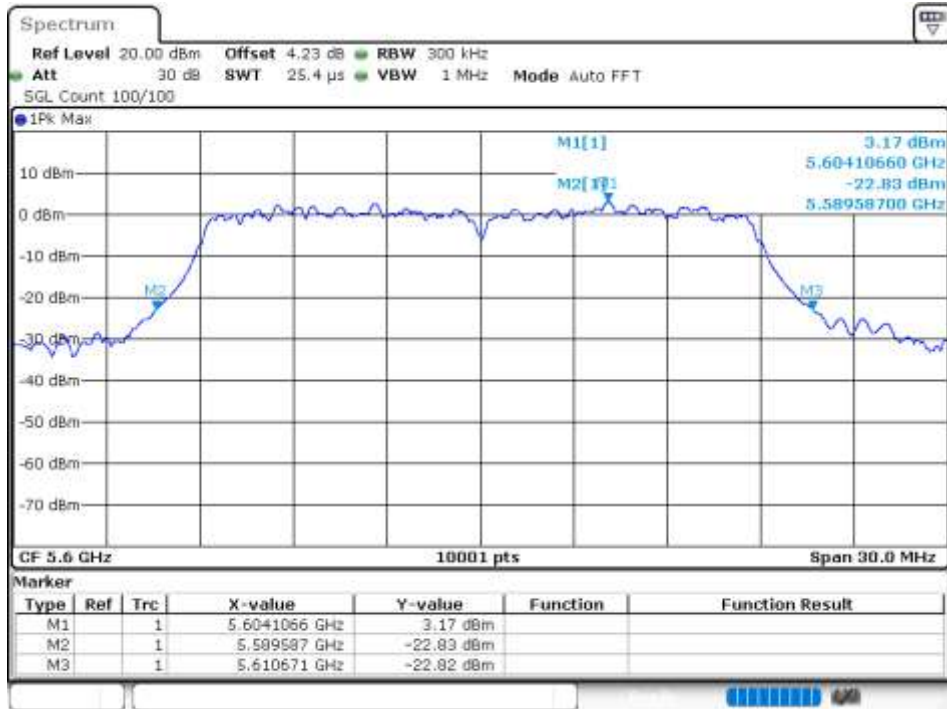
-26dB Bandwidth NVNT a 5700MHz Ant1



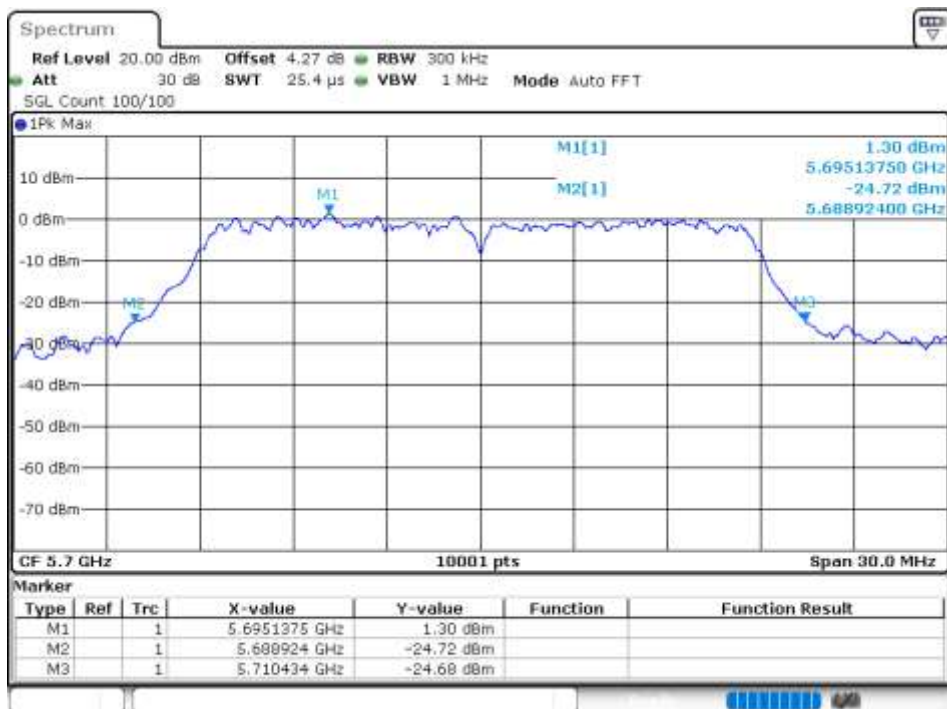
-26dB Bandwidth NVNT n20 5500MHz Ant1



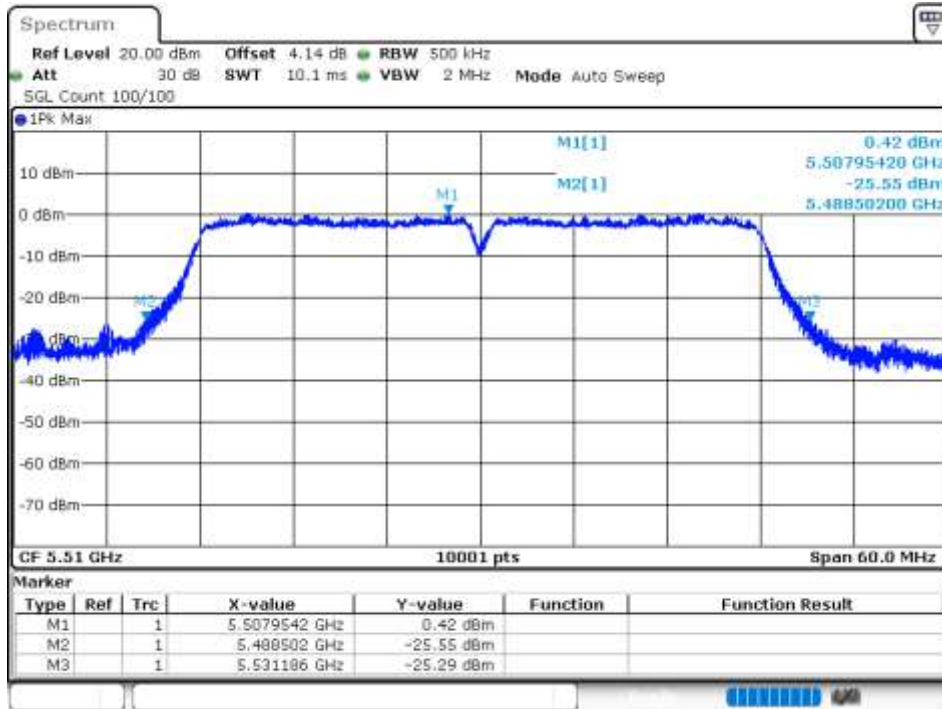
-26dB Bandwidth NVNT n20 5600MHz Ant1



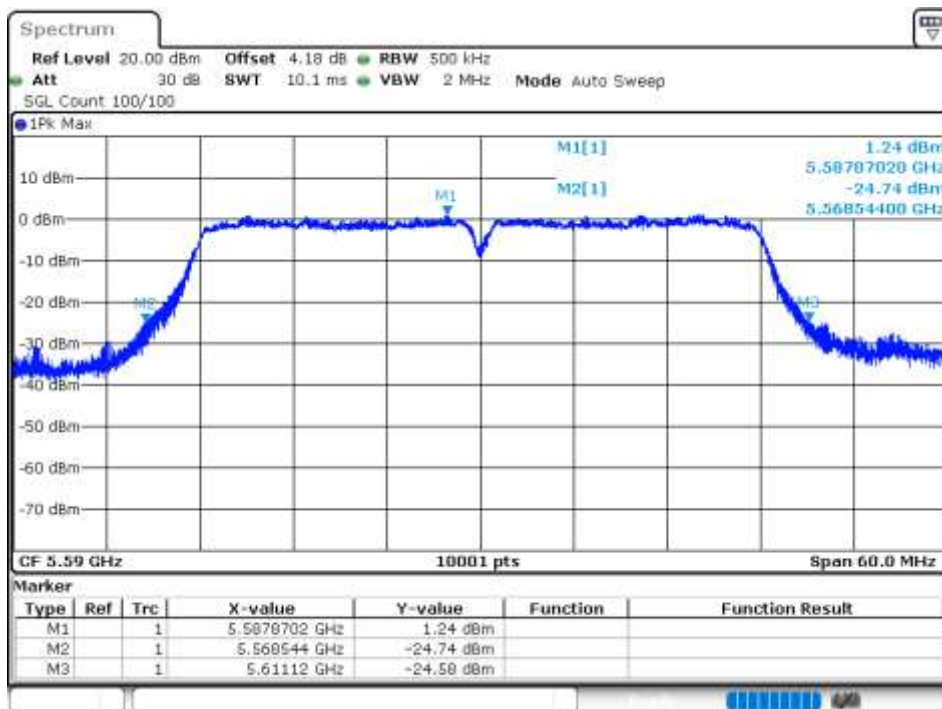
-26dB Bandwidth NVNT n20 5700MHz Ant1



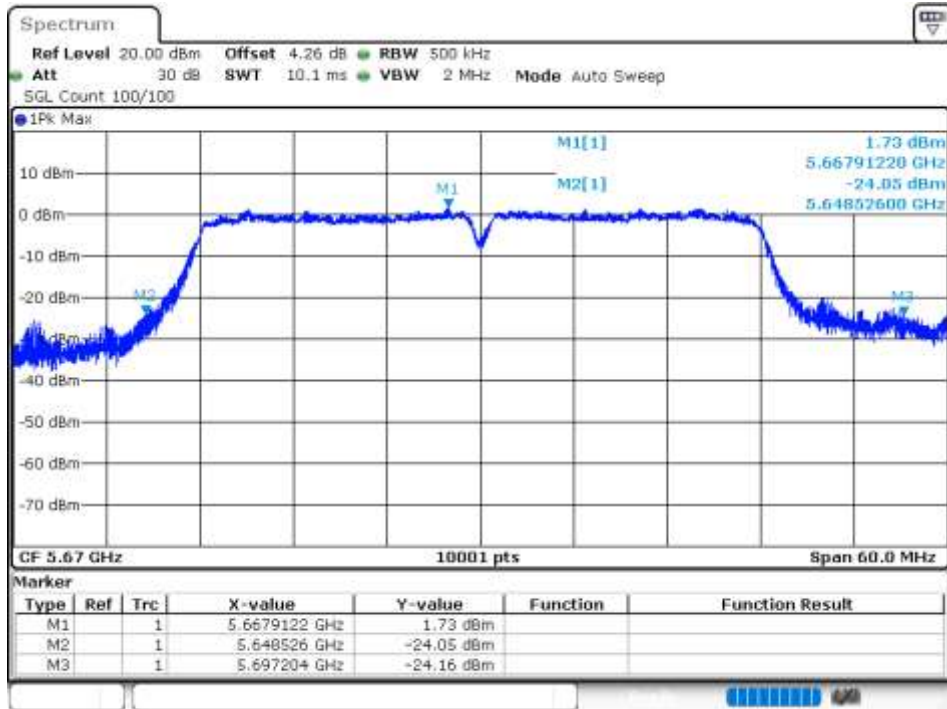
-26dB Bandwidth NVNT n40 5510MHz Ant1



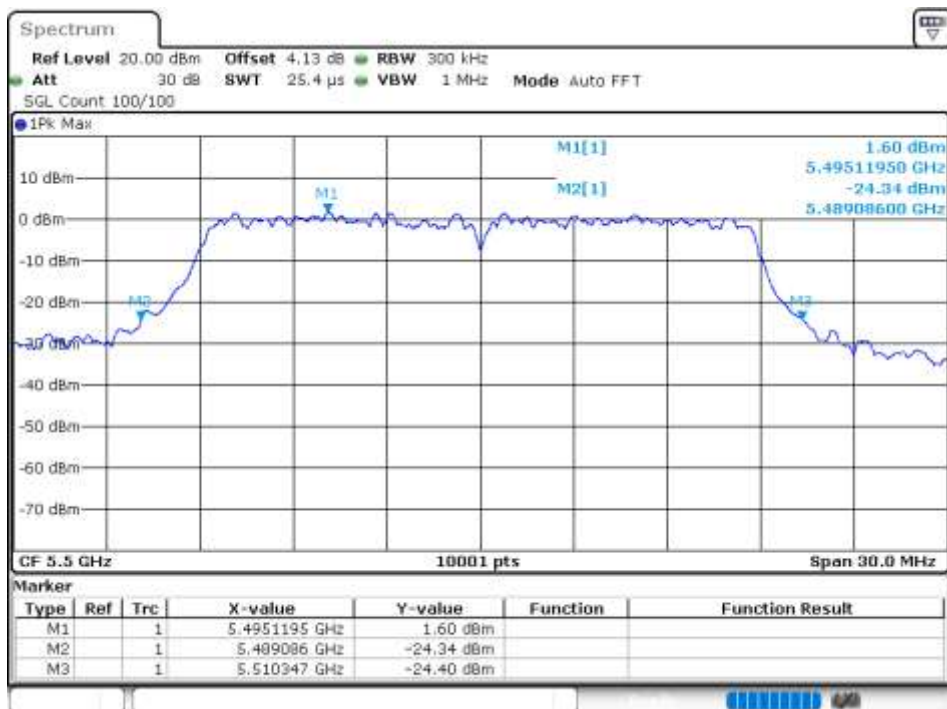
-26dB Bandwidth NVNT n40 5590MHz Ant1



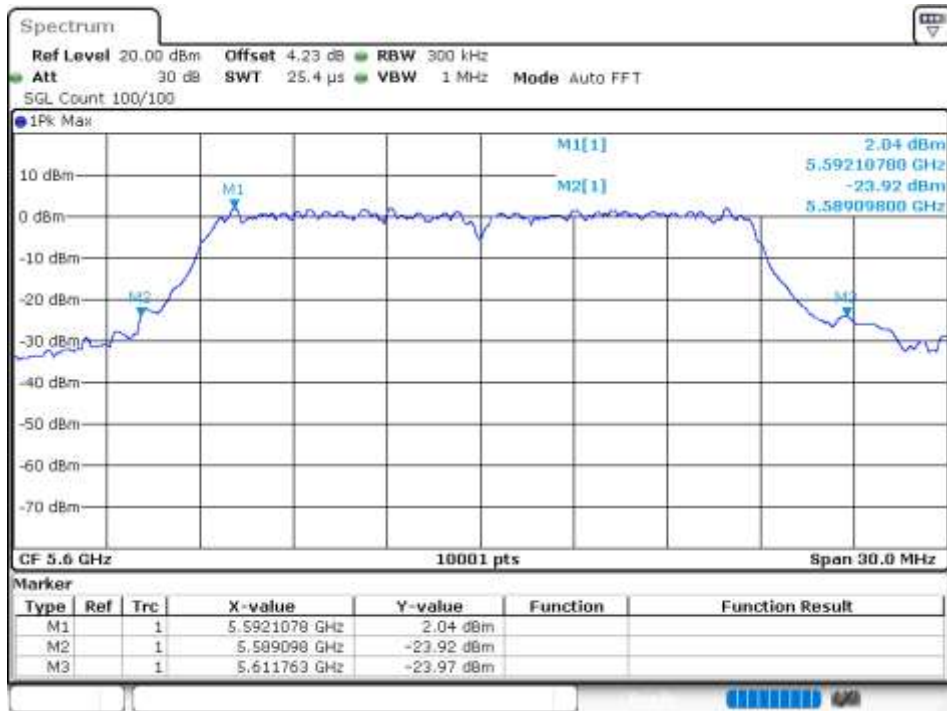
-26dB Bandwidth NVNT n40 5670MHz Ant1



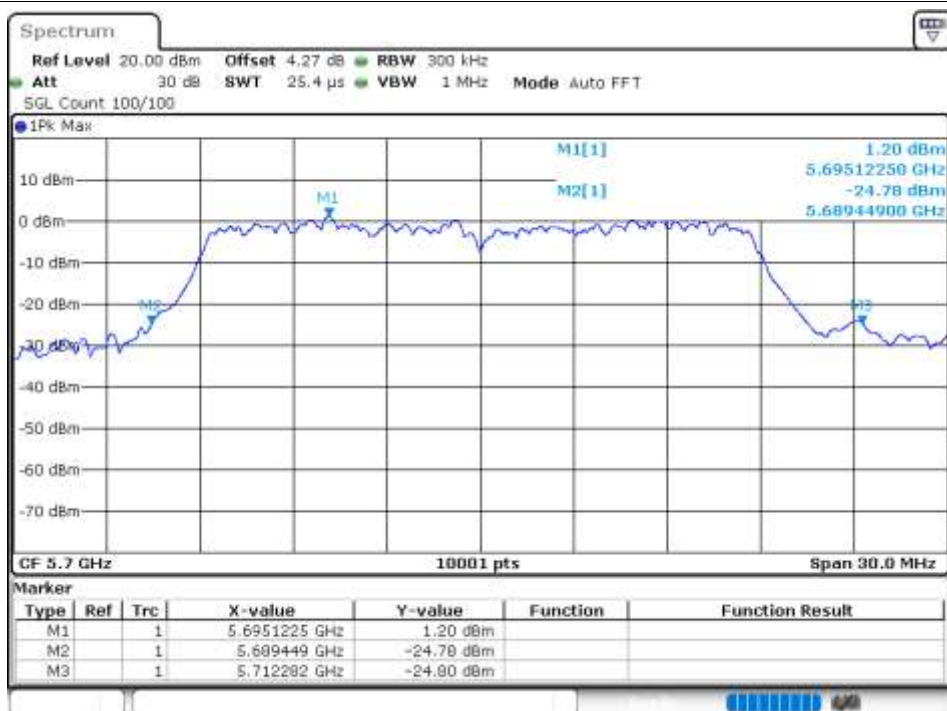
-26dB Bandwidth NVNT ac20 5500MHz Ant1



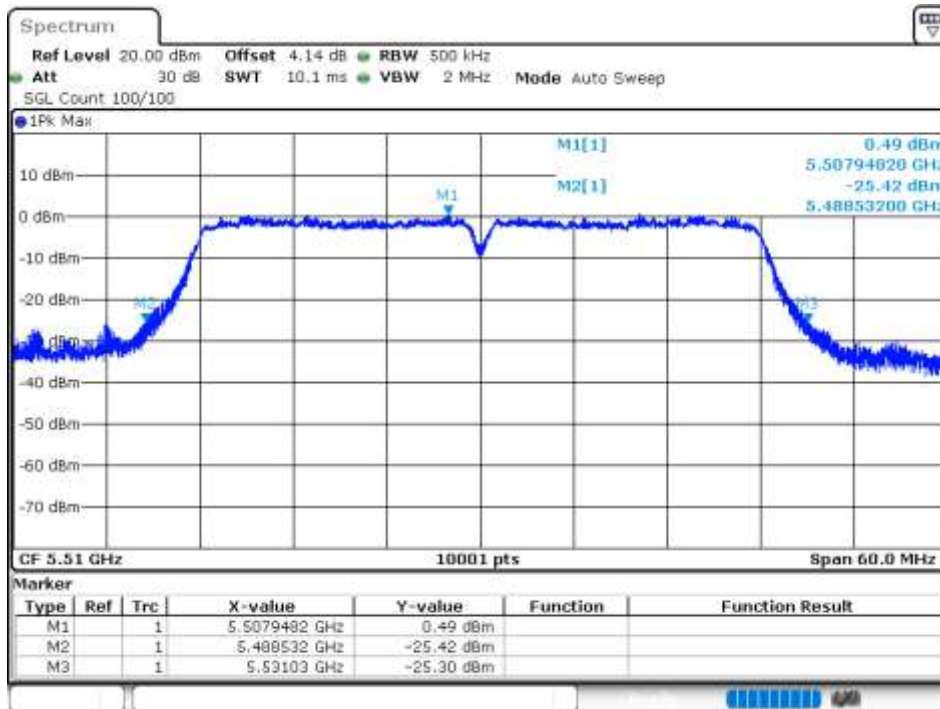
-26dB Bandwidth NVNT ac20 5600MHz Ant1



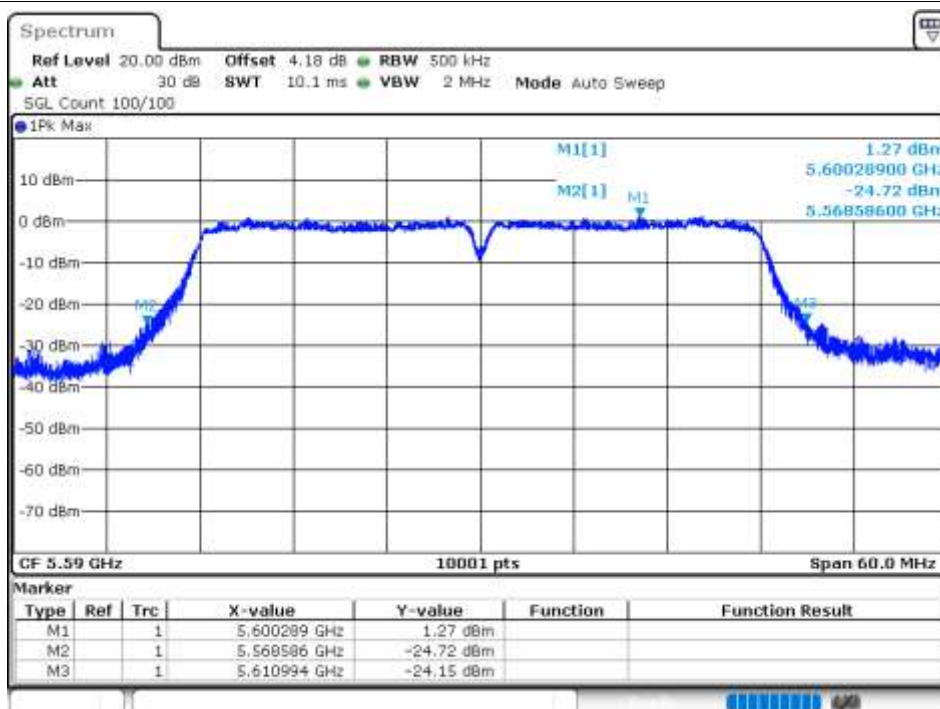
-26dB Bandwidth NVNT ac20 5700MHz Ant1



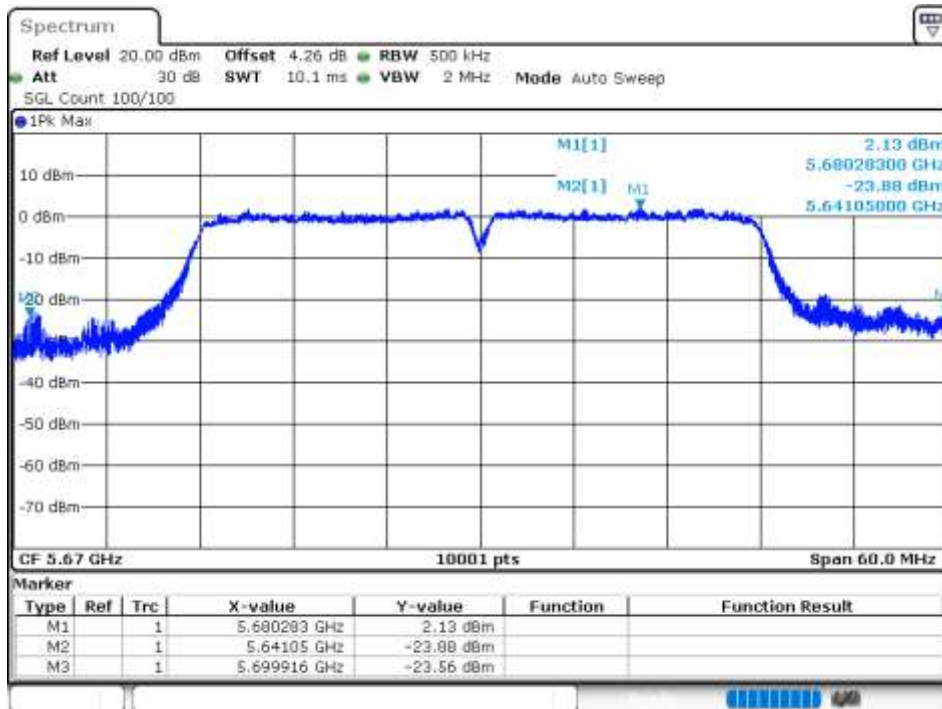
-26dB Bandwidth NVNT ac40 5510MHz Ant1



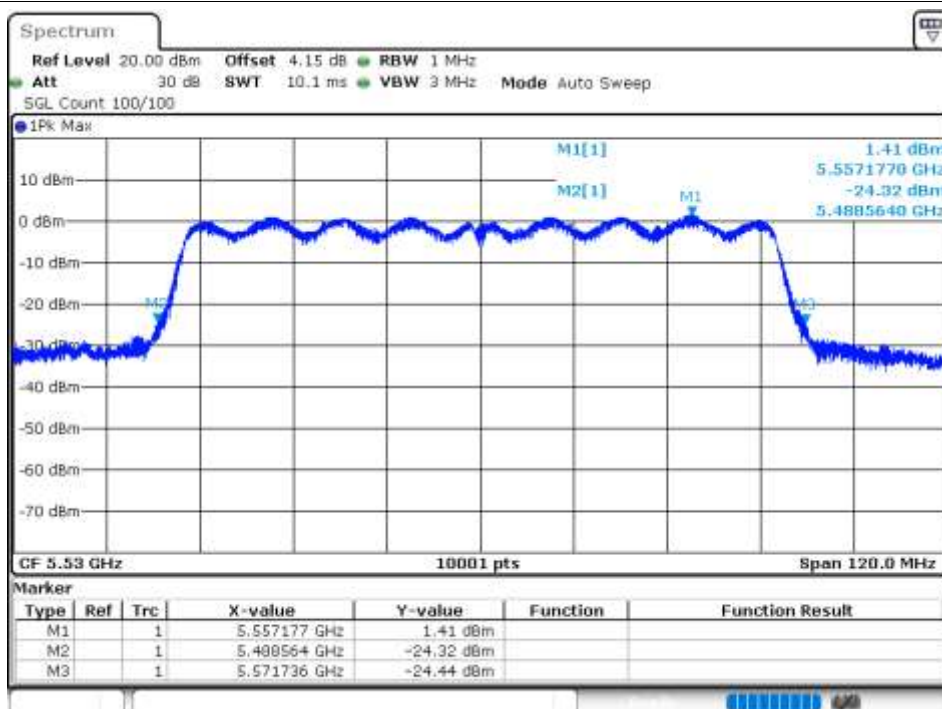
-26dB Bandwidth NVNT ac40 5590MHz Ant1

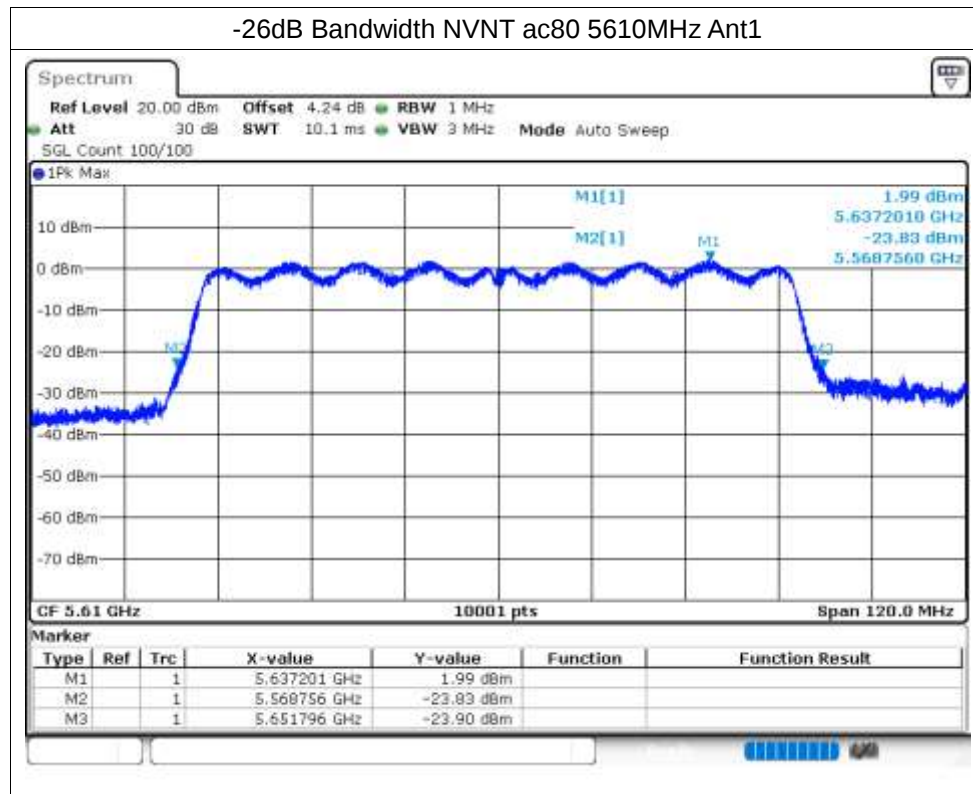


-26dB Bandwidth NVNT ac40 5670MHz Ant1



-26dB Bandwidth NVNT ac80 5530MHz Ant1



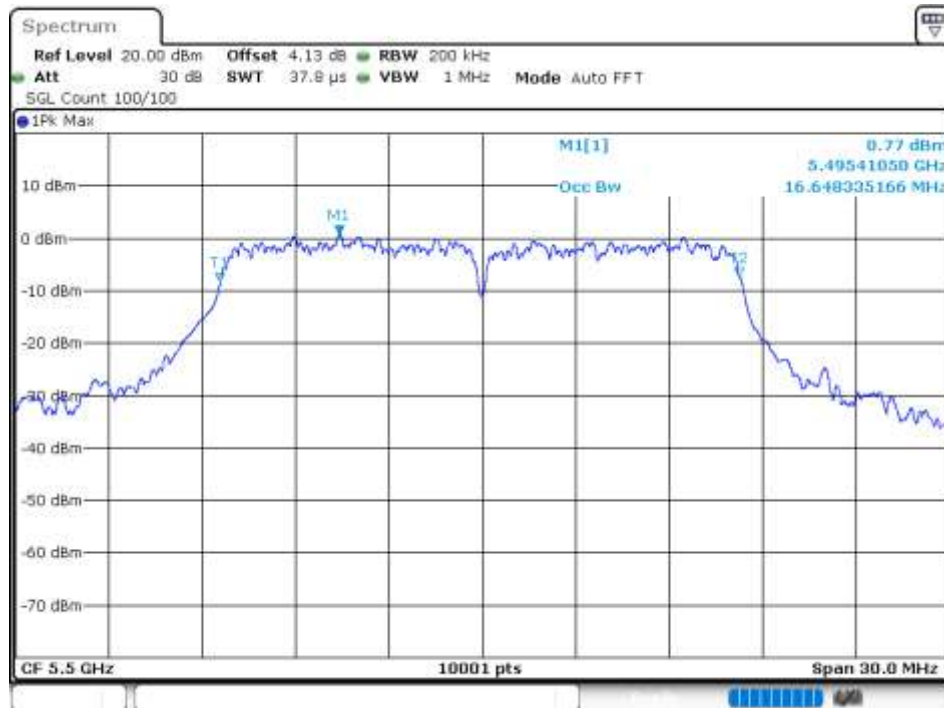


Occupied Channel Bandwidth

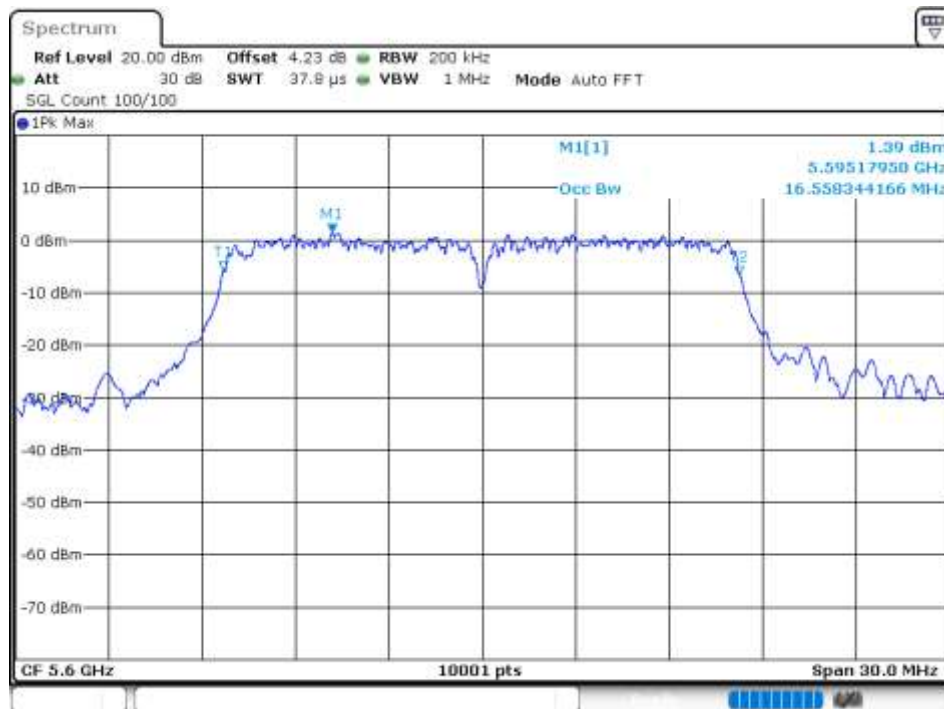
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.648
NVNT	a	5600	Ant1	16.558
NVNT	a	5700	Ant1	16.678
NVNT	n20	5500	Ant1	17.683
NVNT	n20	5600	Ant1	17.656
NVNT	n20	5700	Ant1	17.707
NVNT	n40	5510	Ant1	36.29
NVNT	n40	5590	Ant1	36.248
NVNT	n40	5670	Ant1	36.272
NVNT	ac20	5500	Ant1	17.698
NVNT	ac20	5600	Ant1	17.638
NVNT	ac20	5700	Ant1	17.647
NVNT	ac40	5510	Ant1	36.26
NVNT	ac40	5590	Ant1	36.248
NVNT	ac40	5670	Ant1	36.29
NVNT	ac80	5530	Ant1	75.604
NVNT	ac80	5610	Ant1	75.496

Test Graphs

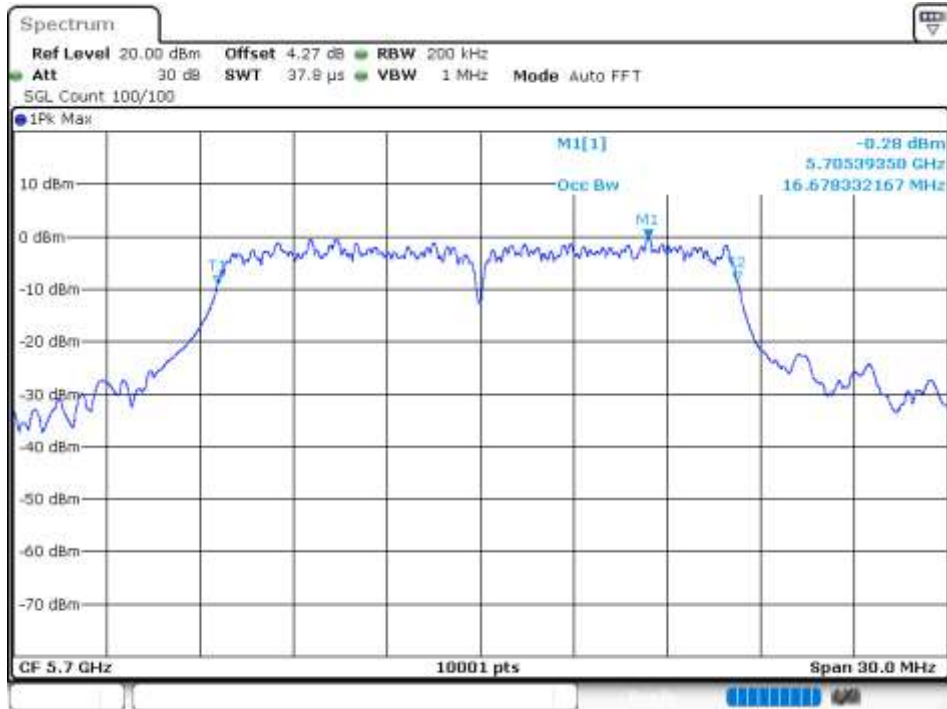
OBW NVNT a 5500MHz Ant1



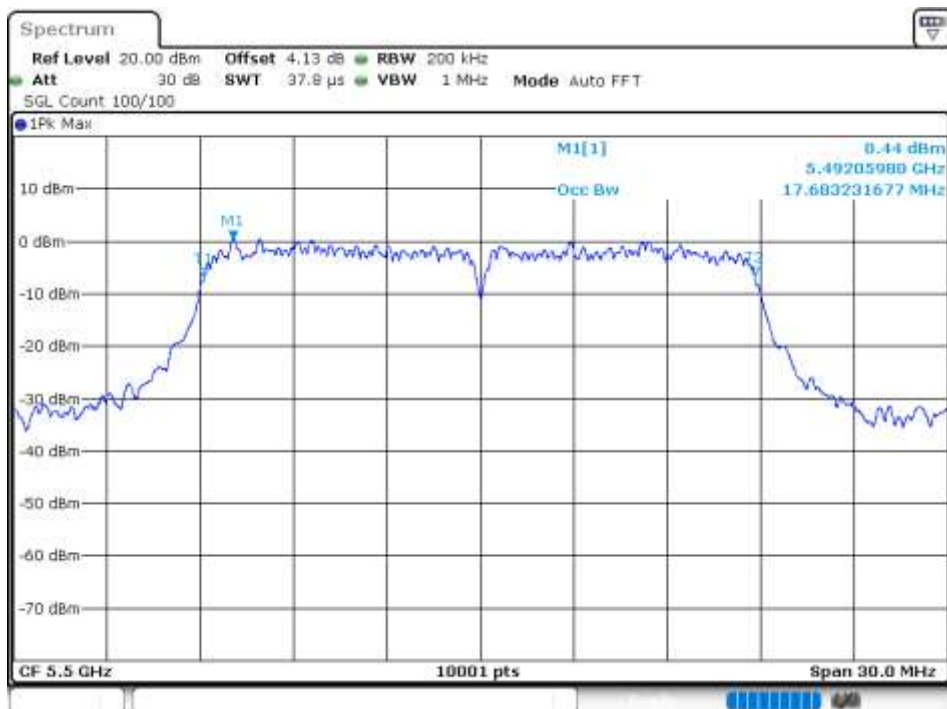
OBW NVNT a 5600MHz Ant1



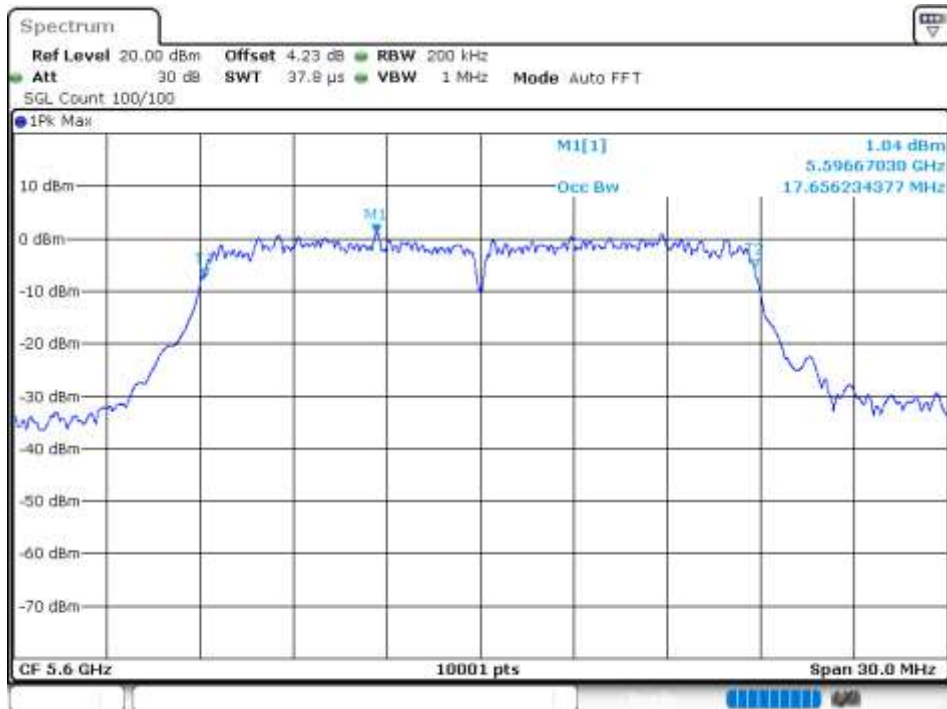
OBW NVNT a 5700MHz Ant1



OBW NVNT n20 5500MHz Ant1



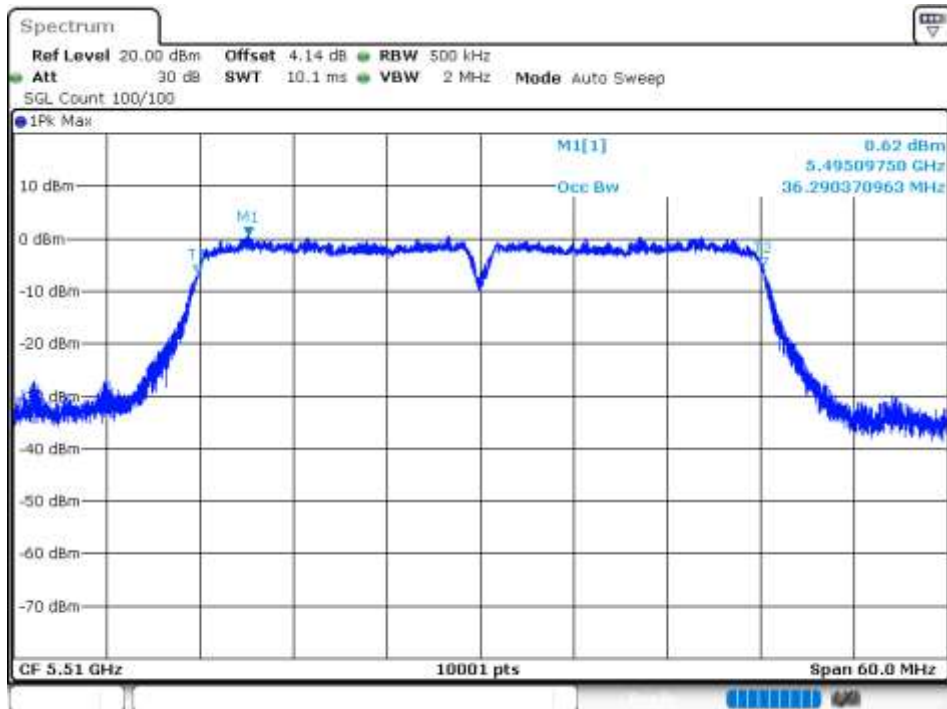
OBW NVNT n20 5600MHz Ant1



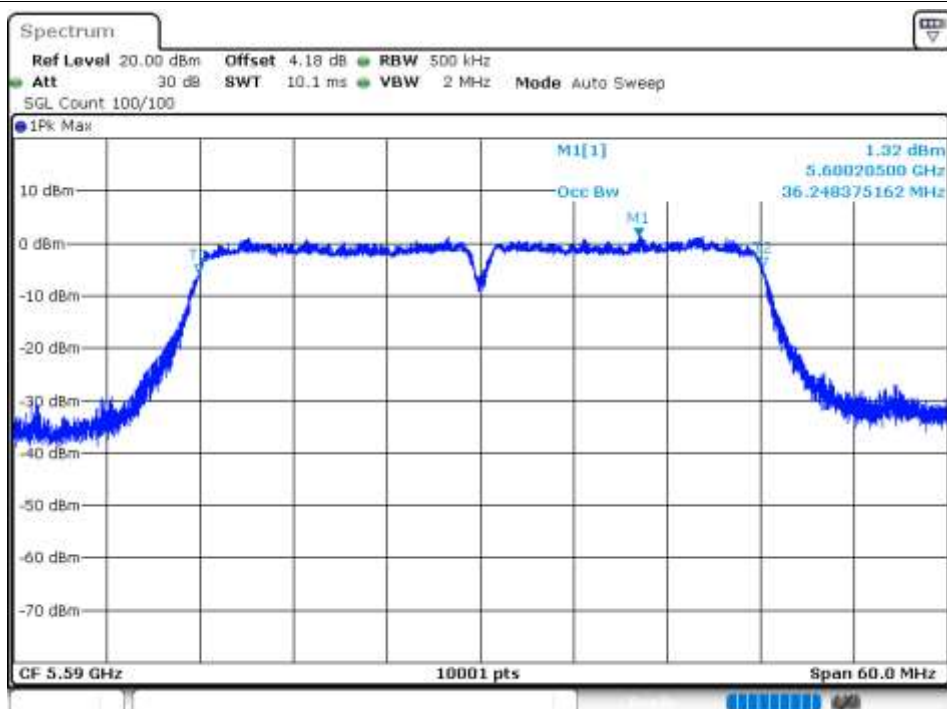
OBW NVNT n20 5700MHz Ant1



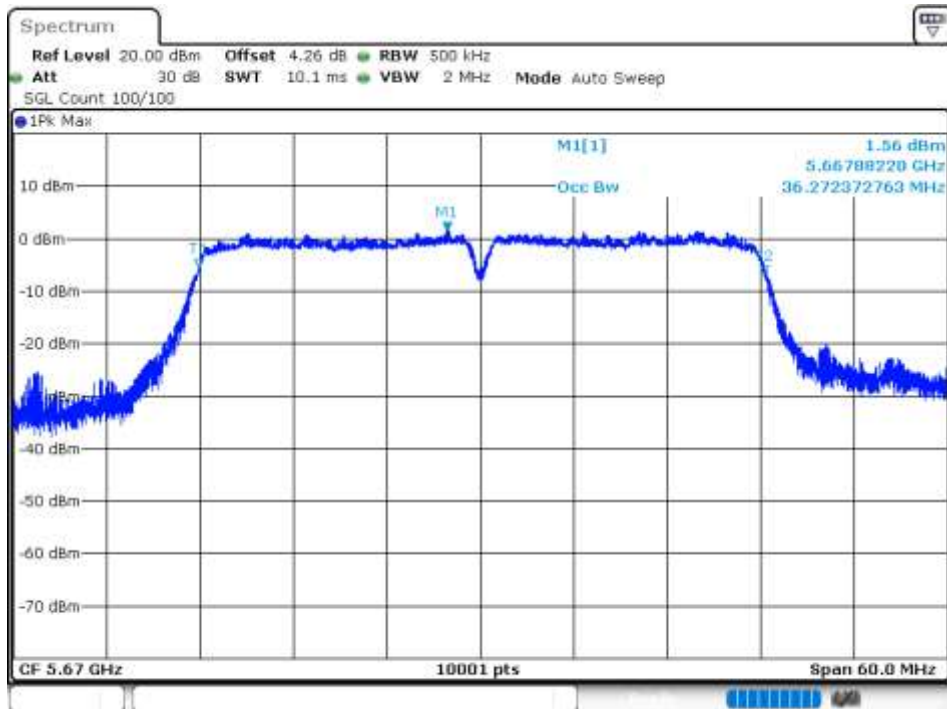
OBW NVNT n40 5510MHz Ant1



OBW NVNT n40 5590MHz Ant1



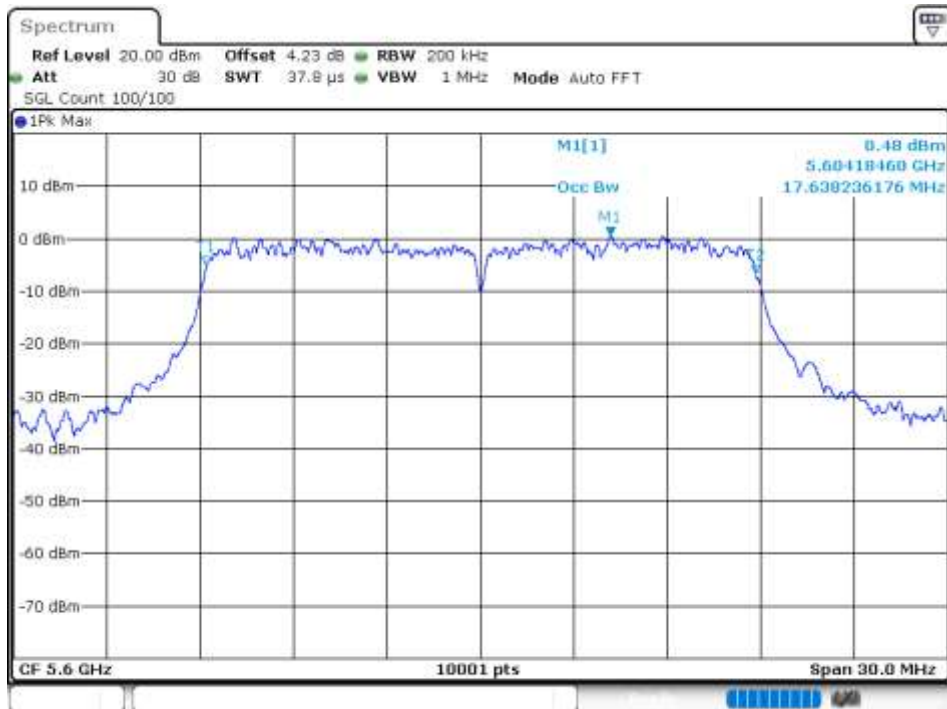
OBW NVNT n40 5670MHz Ant1



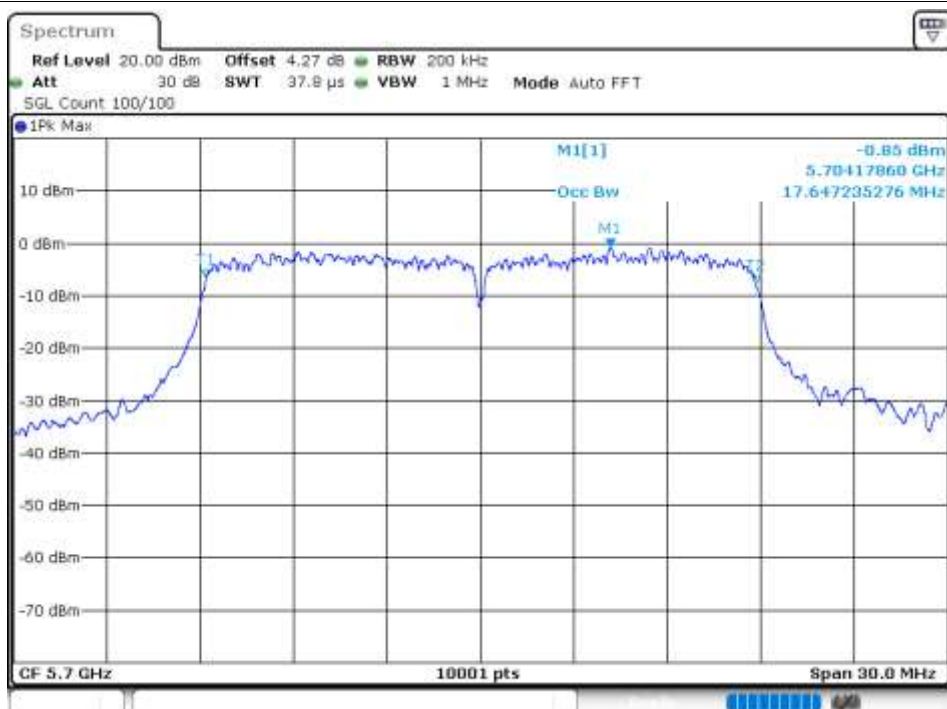
OBW NVNT ac20 5500MHz Ant1



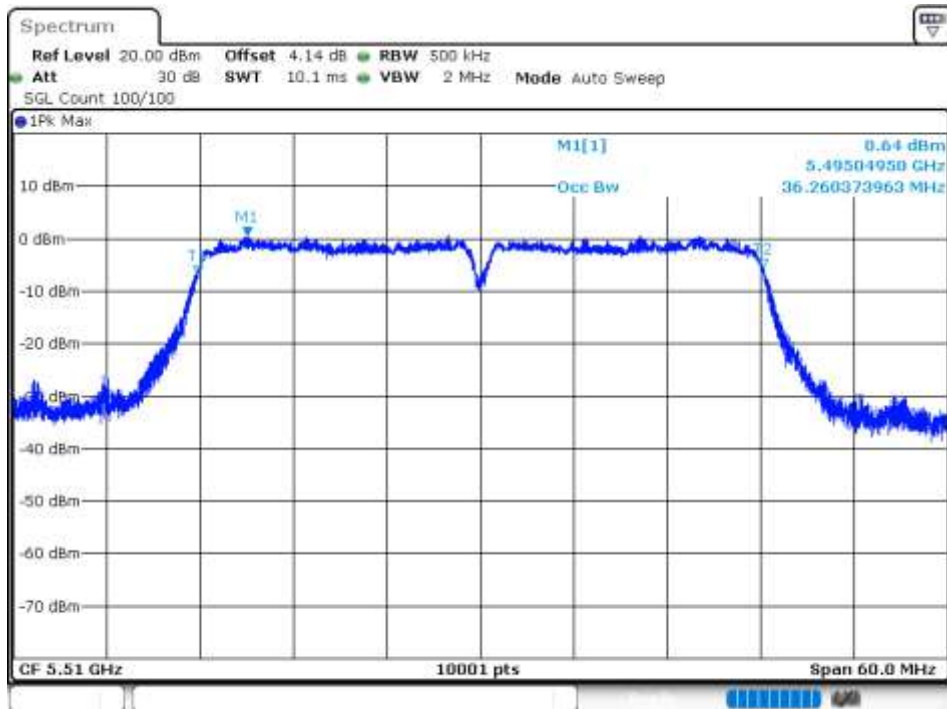
OBW NVNT ac20 5600MHz Ant1



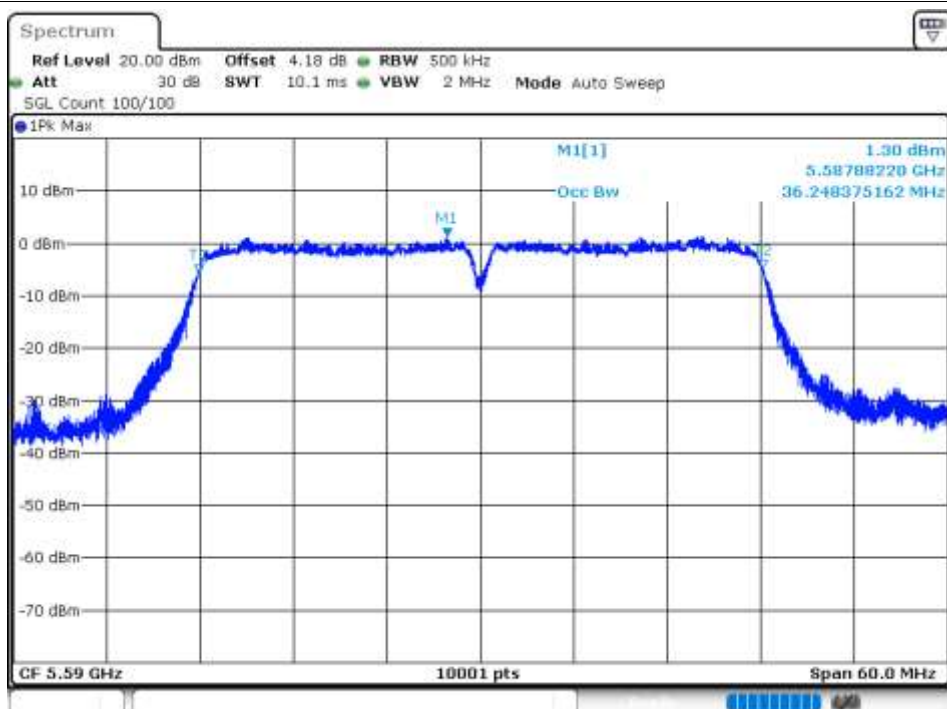
OBW NVNT ac20 5700MHz Ant1



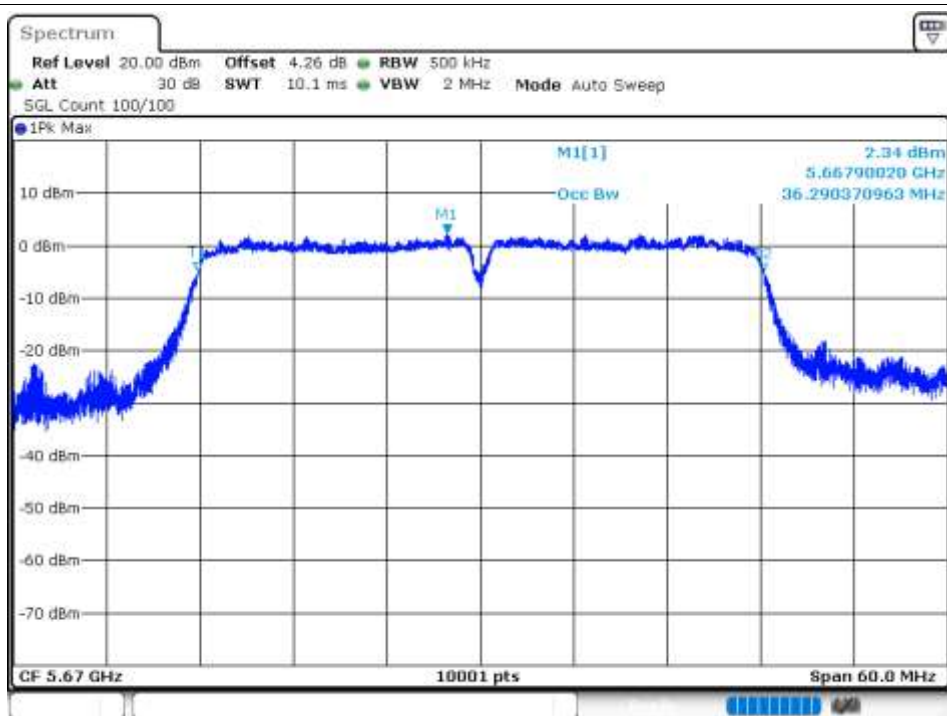
OBW NVNT ac40 5510MHz Ant1



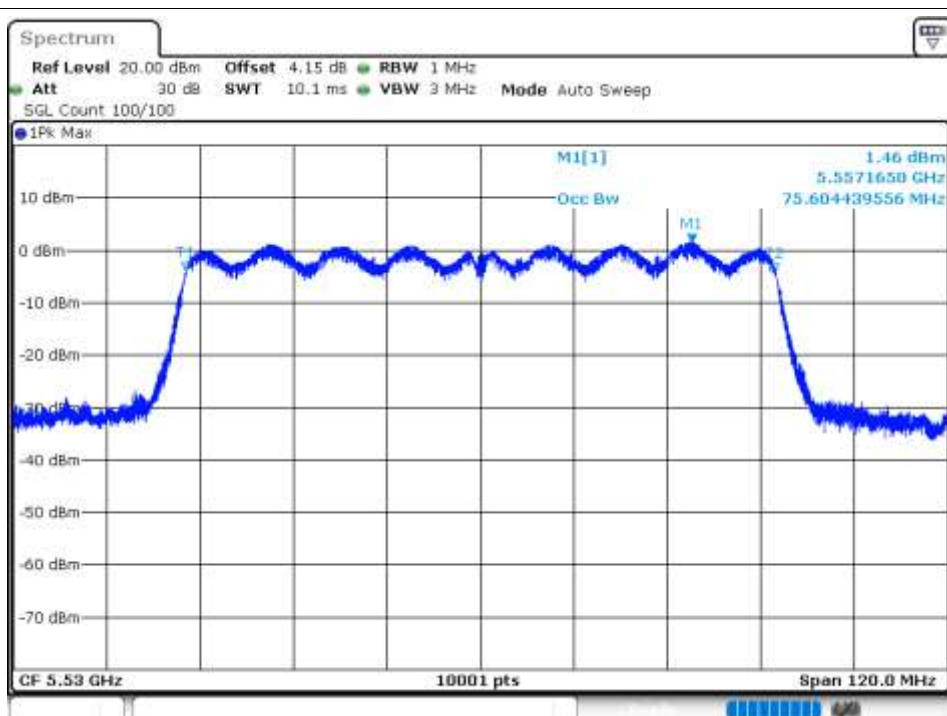
OBW NVNT ac40 5590MHz Ant1

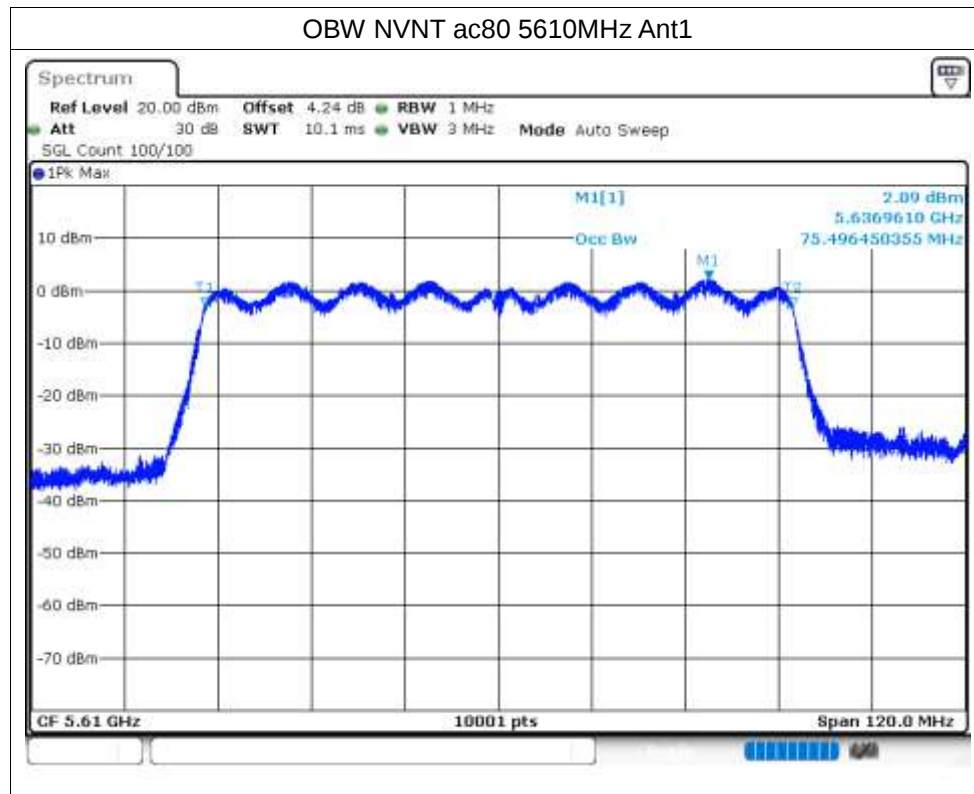


OBW NVNT ac40 5670MHz Ant1



OBW NVNT ac80 5530MHz Ant1



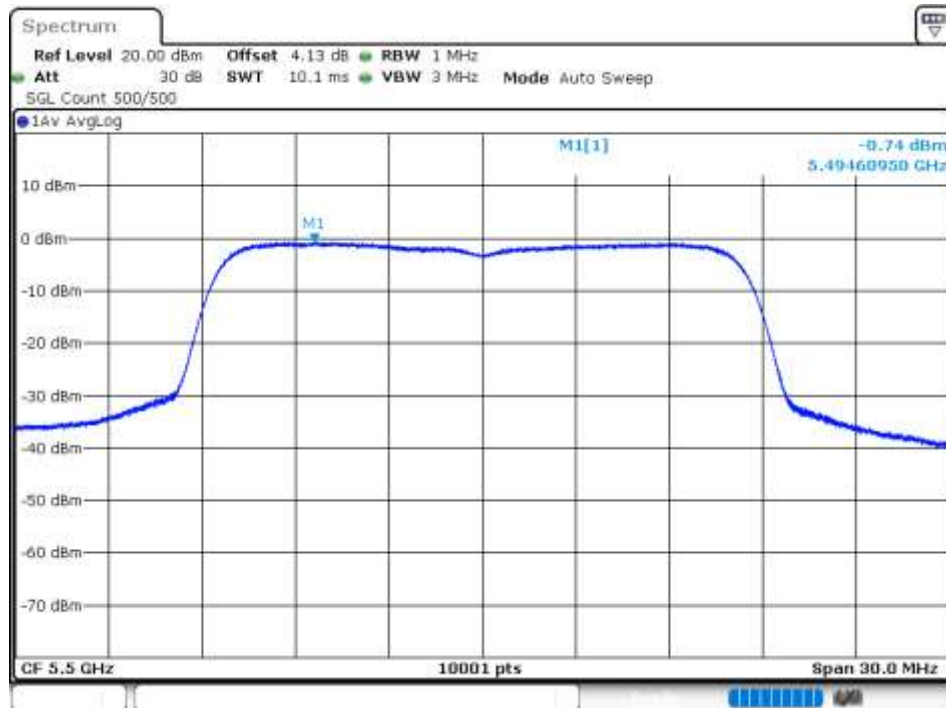


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-0.74	0	-0.74	11	Pass
NVNT	a	5600	Ant1	0.27	0	0.27	11	Pass
NVNT	a	5700	Ant1	-1.83	0	-1.83	11	Pass
NVNT	n20	5500	Ant1	-0.98	0	-0.98	11	Pass
NVNT	n20	5600	Ant1	-0.27	0	-0.27	11	Pass
NVNT	n20	5700	Ant1	-1.95	0	-1.95	11	Pass
NVNT	n40	5510	Ant1	-5.67	0	-5.67	11	Pass
NVNT	n40	5590	Ant1	-4.82	0	-4.82	11	Pass
NVNT	n40	5670	Ant1	-4.37	0	-4.37	11	Pass
NVNT	ac20	5500	Ant1	-1.16	0	-1.16	11	Pass
NVNT	ac20	5600	Ant1	-0.65	0	-0.65	11	Pass
NVNT	ac20	5700	Ant1	-1.92	0	-1.92	11	Pass
NVNT	ac40	5510	Ant1	-5.5	0	-5.5	11	Pass
NVNT	ac40	5590	Ant1	-4.71	0	-4.71	11	Pass
NVNT	ac40	5670	Ant1	-3.76	0	-3.76	11	Pass
NVNT	ac80	5530	Ant1	-8.29	0	-8.29	11	Pass
NVNT	ac80	5610	Ant1	-7.64	0	-7.64	11	Pass

Test Graphs

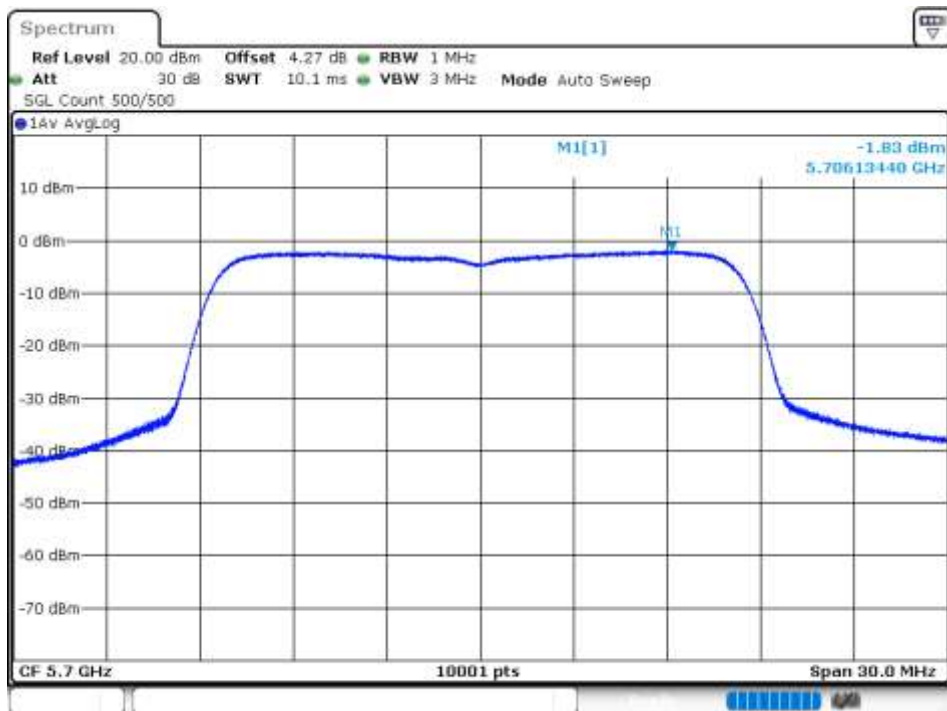
PSD NVNT a 5500MHz Ant1



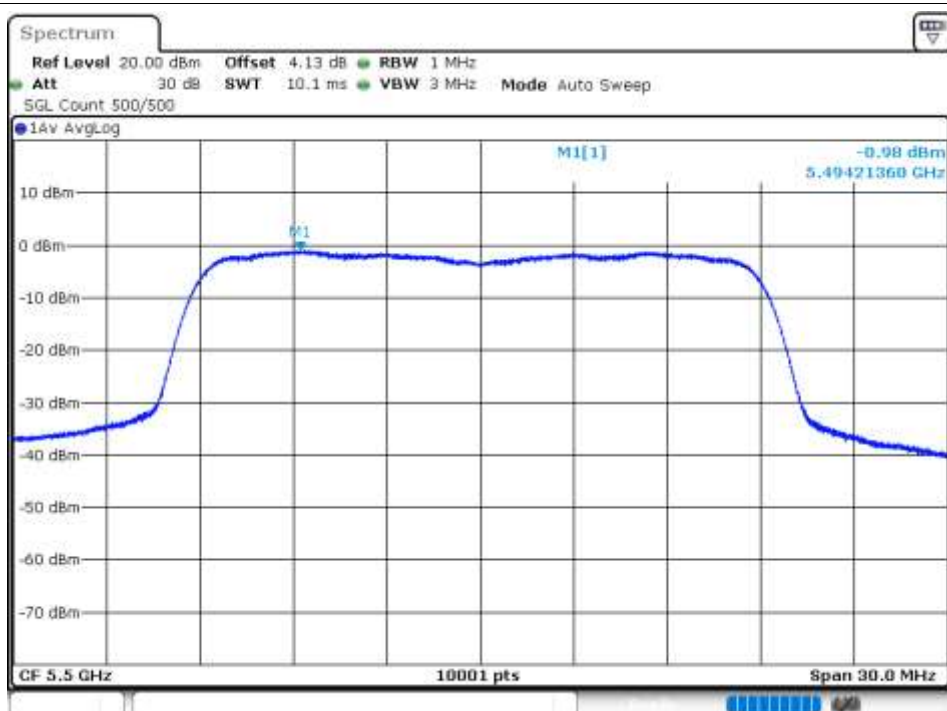
PSD NVNT a 5600MHz Ant1



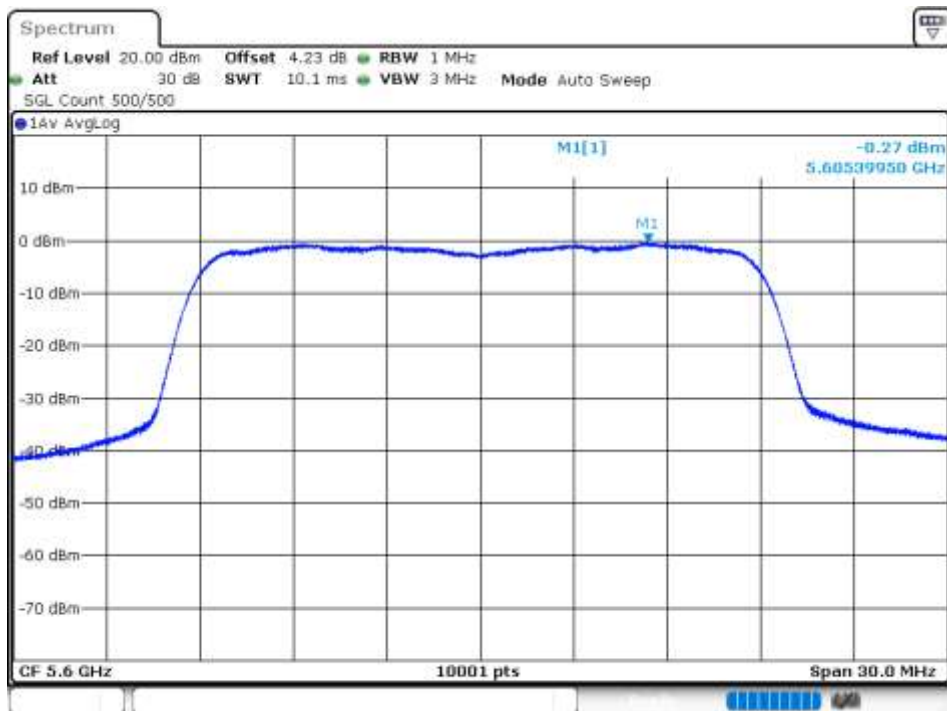
PSD NVNT a 5700MHz Ant1



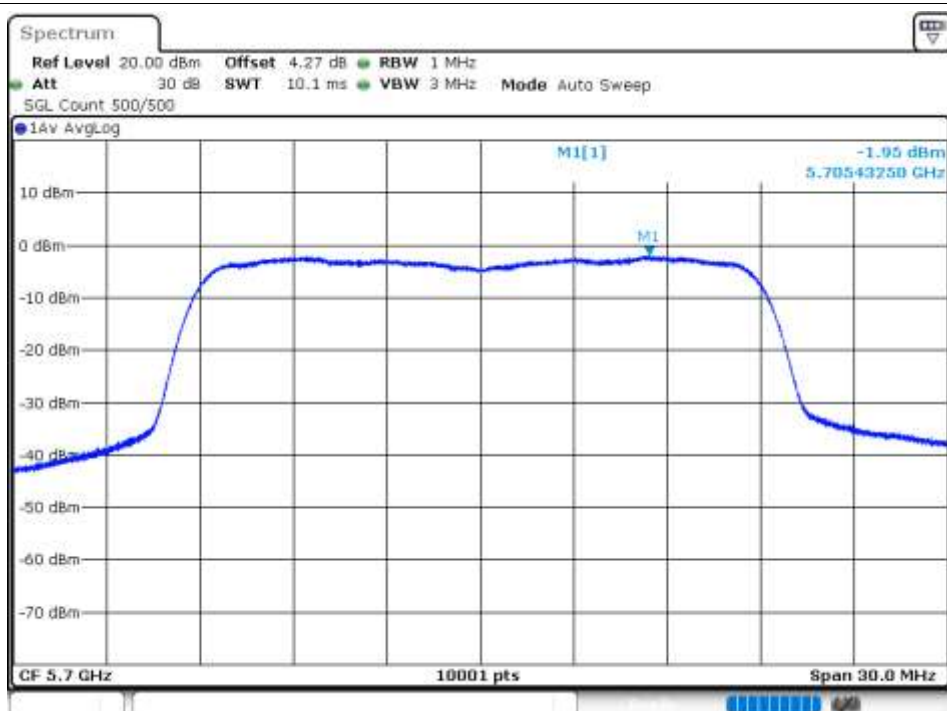
PSD NVNT n20 5500MHz Ant1



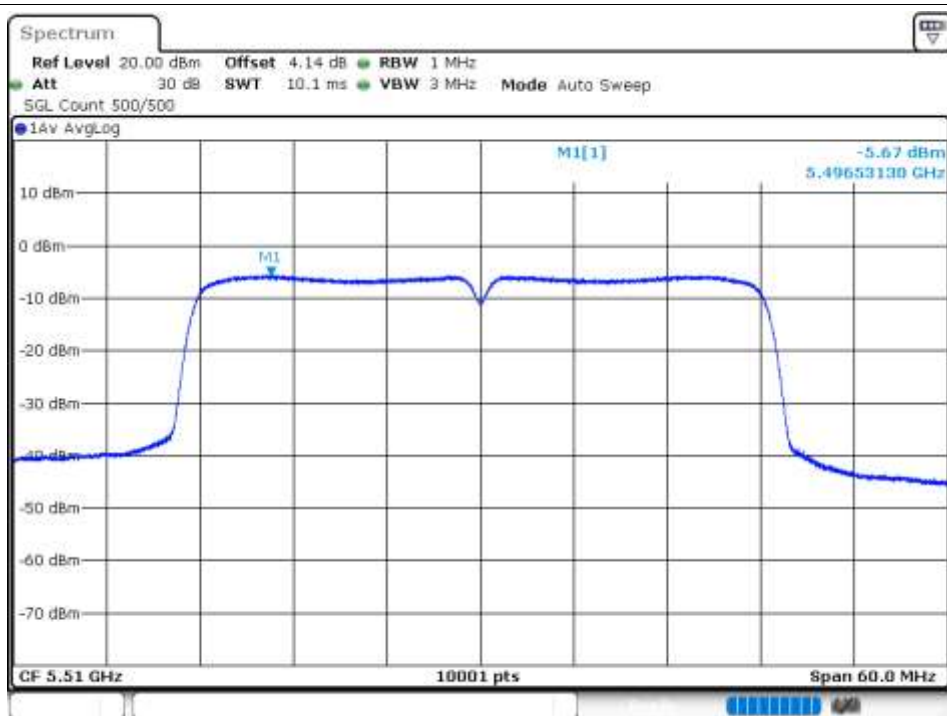
PSD NVNT n20 5600MHz Ant1



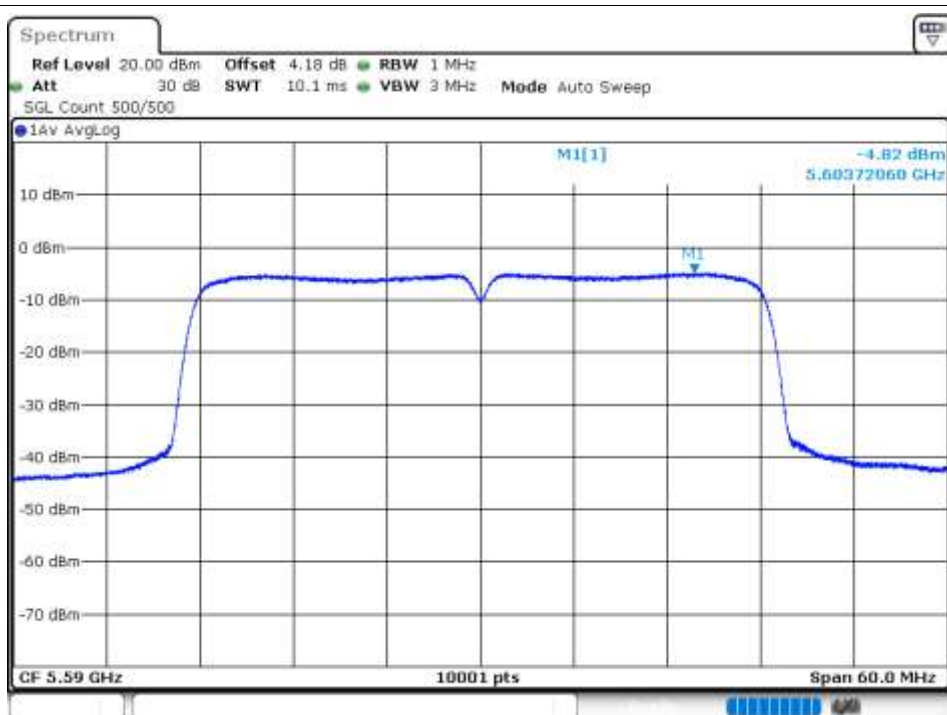
PSD NVNT n20 5700MHz Ant1



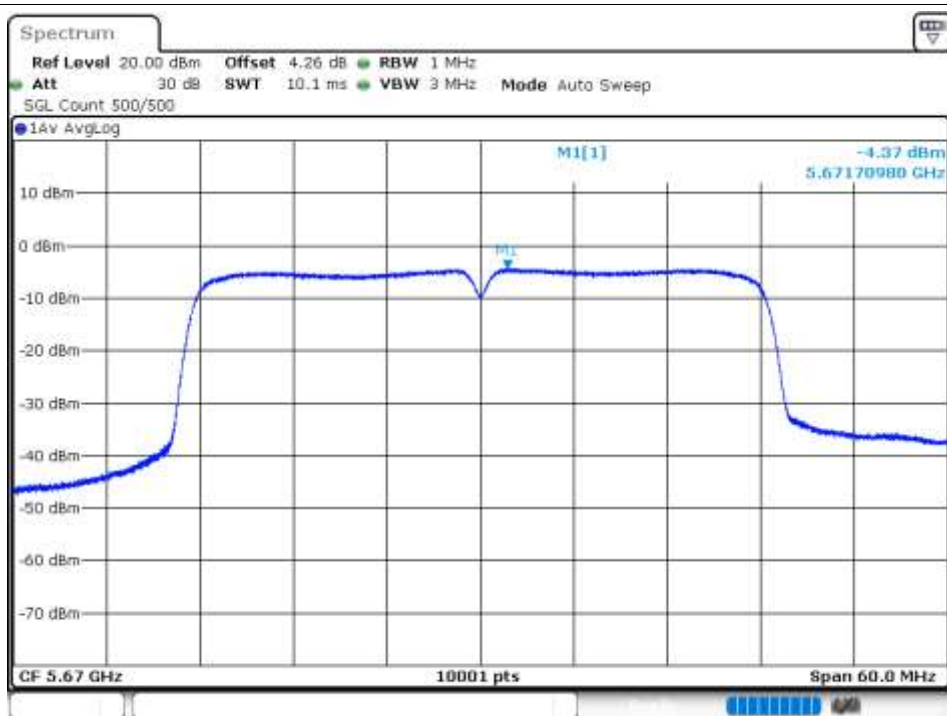
PSD NVNT n40 5510MHz Ant1



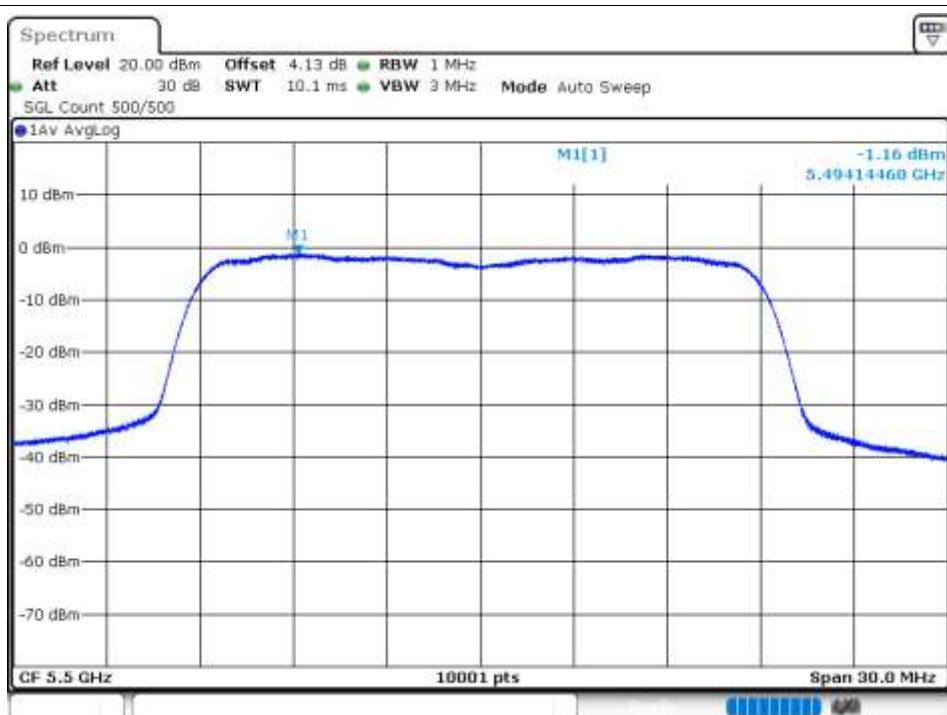
PSD NVNT n40 5590MHz Ant1



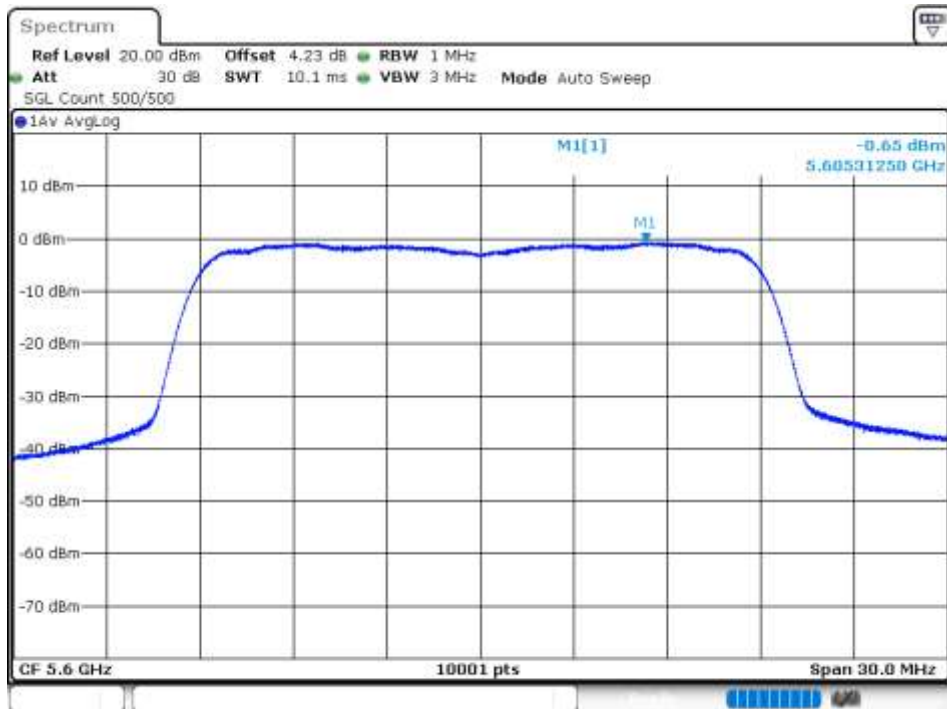
PSD NVNT n40 5670MHz Ant1



PSD NVNT ac20 5500MHz Ant1



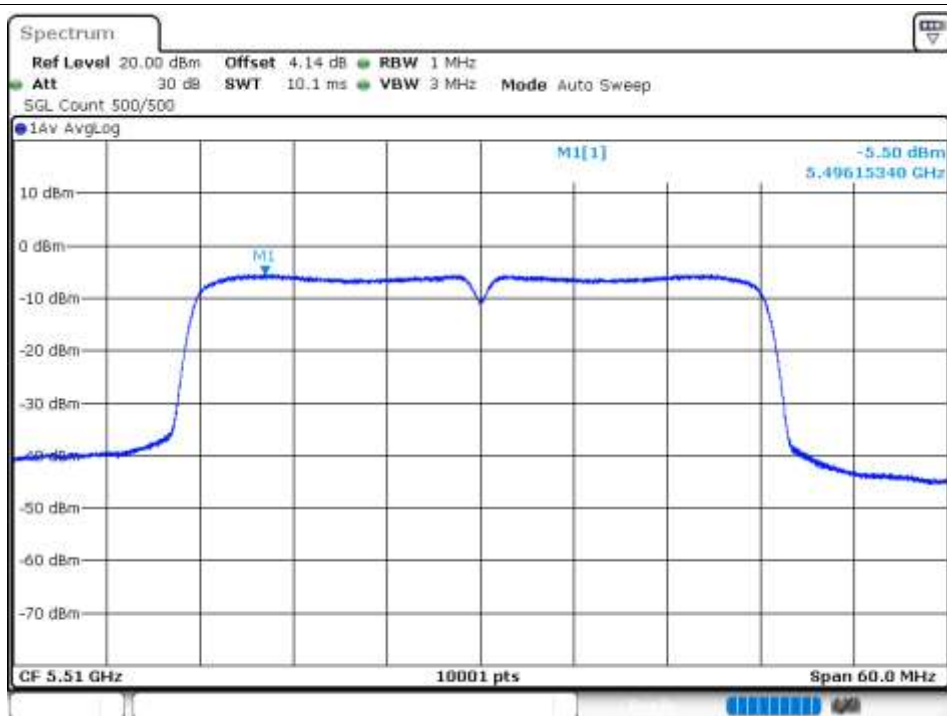
PSD NVNT ac20 5600MHz Ant1



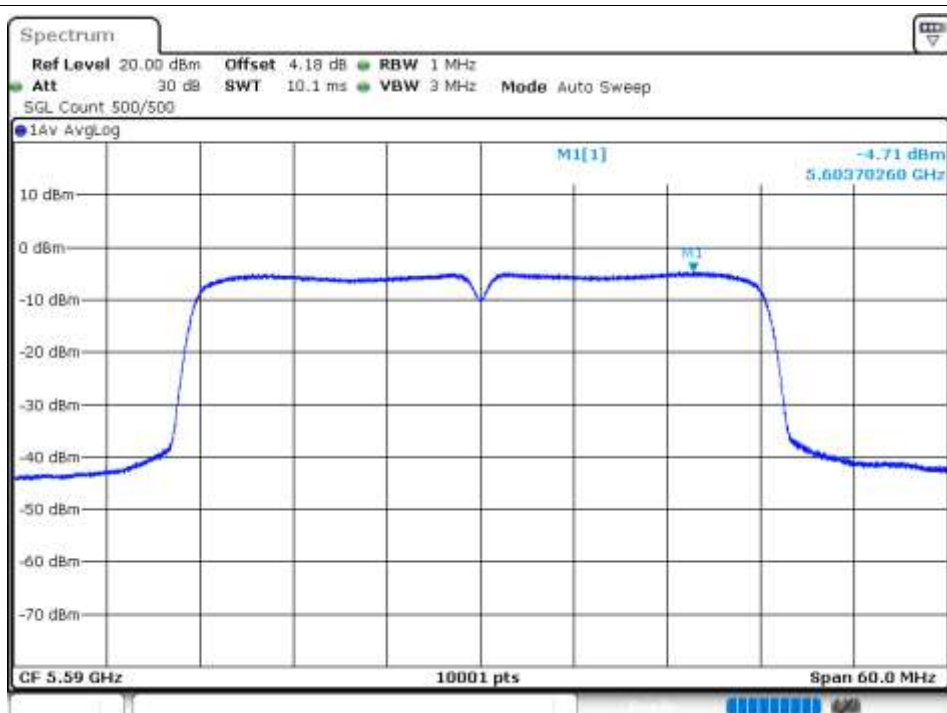
PSD NVNT ac20 5700MHz Ant1



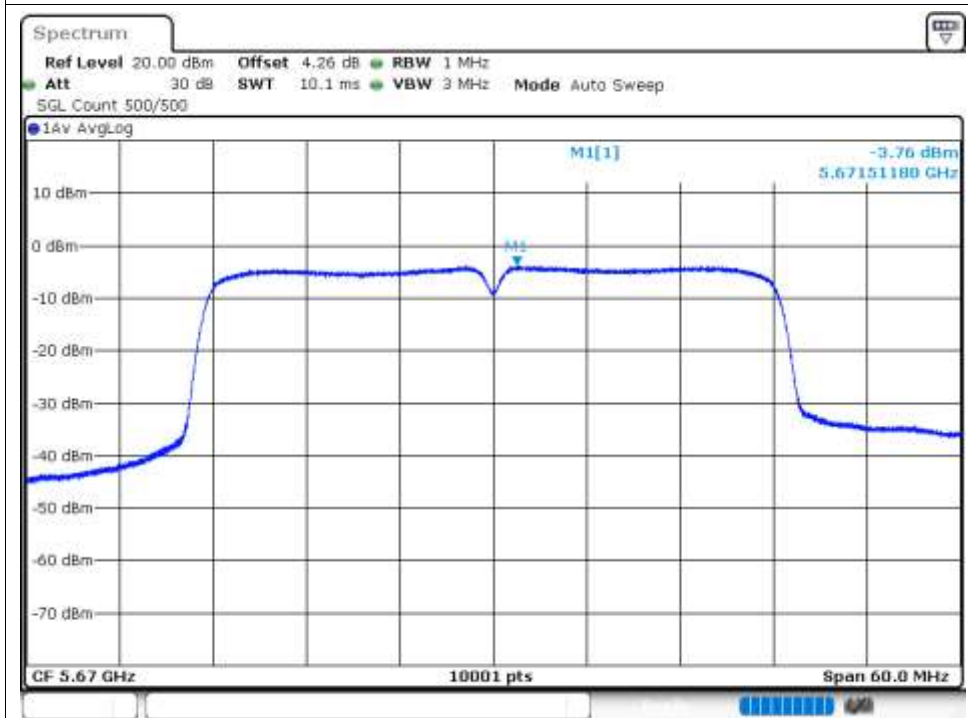
PSD NVNT ac40 5510MHz Ant1



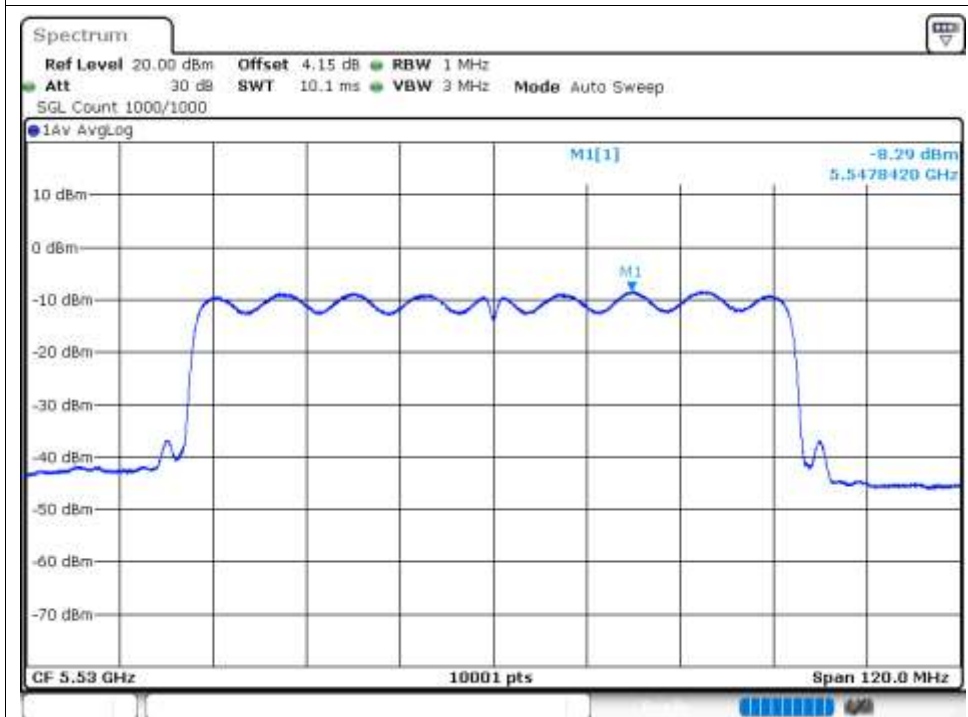
PSD NVNT ac40 5590MHz Ant1

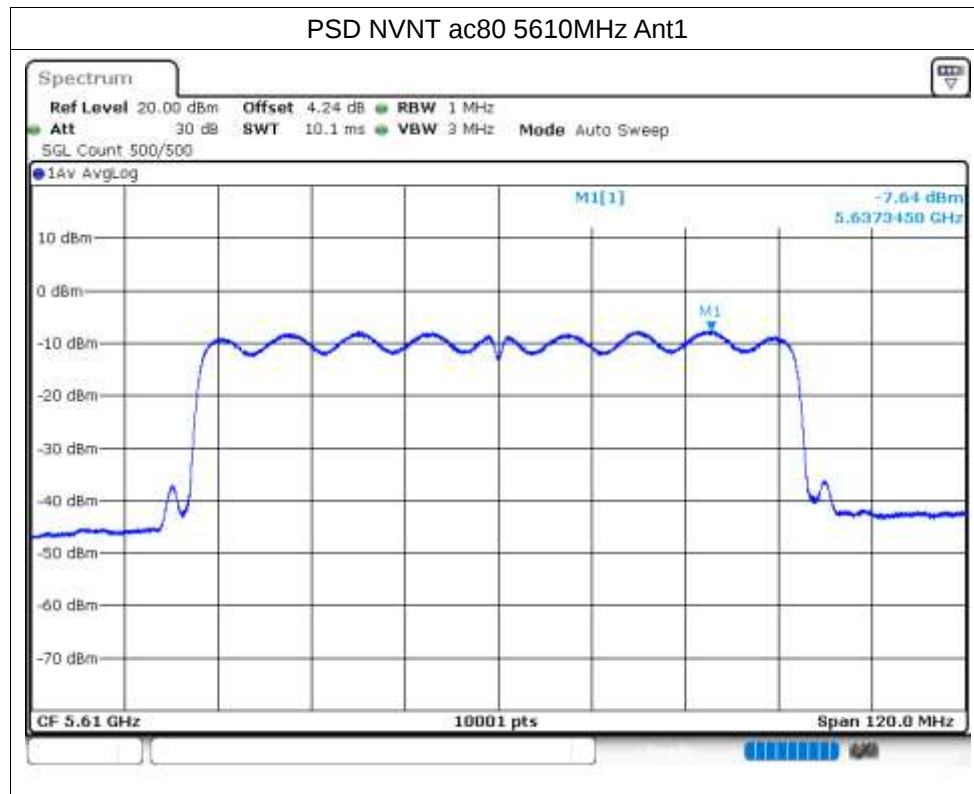


PSD NVNT ac40 5670MHz Ant1



PSD NVNT ac80 5530MHz Ant1





Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-33.76	-27	Pass
NVNT	a	5700	Ant1	-29.12	-27	Pass
NVNT	n20	5500	Ant1	-33.49	-27	Pass
NVNT	n20	5700	Ant1	-27.98	-27	Pass
NVNT	n40	5510	Ant1	-27.5	-27	Pass
NVNT	n40	5670	Ant1	-33.85	-27	Pass
NVNT	ac20	5500	Ant1	-33.74	-27	Pass
NVNT	ac20	5700	Ant1	-27.07	-27	Pass
NVNT	ac40	5510	Ant1	-27.5	-27	Pass
NVNT	ac40	5670	Ant1	-32.74	-27	Pass
NVNT	ac80	5530	Ant1	-27.72	-27	Pass
NVNT	ac80	5610	Ant1	-38.98	-27	Pass

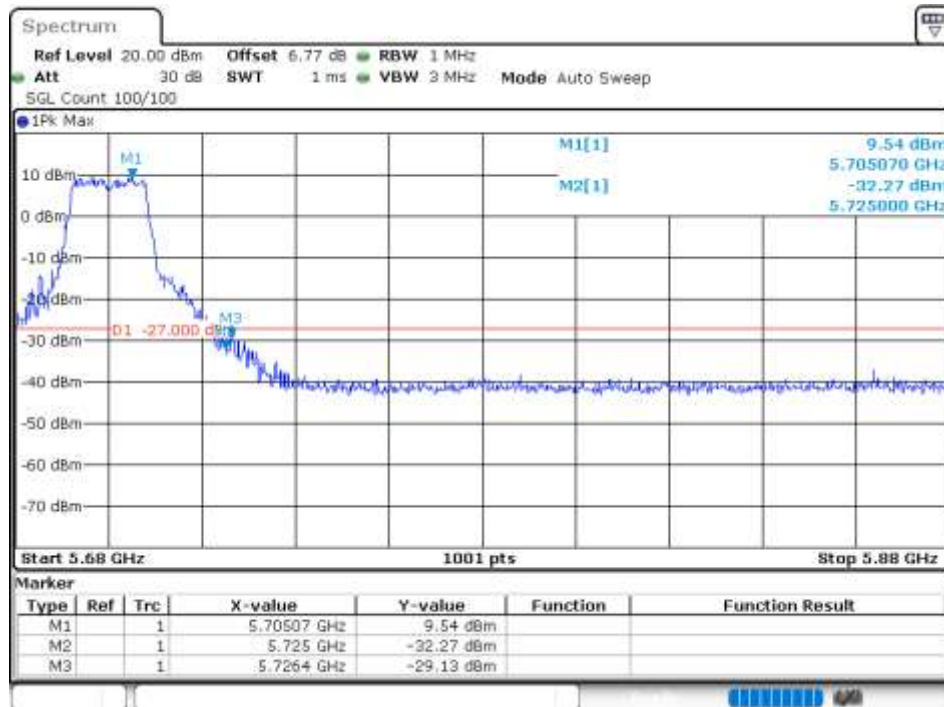
Note: This test has increased antenna gain .

Test Graphs

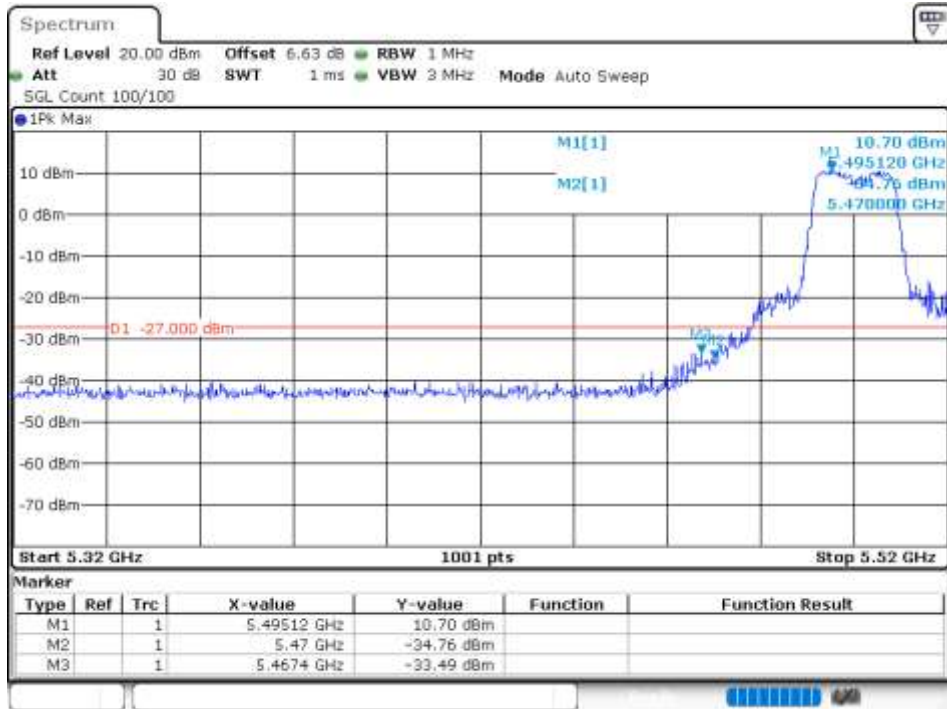
Band Edge NVNT a 5500MHz Low Ant1



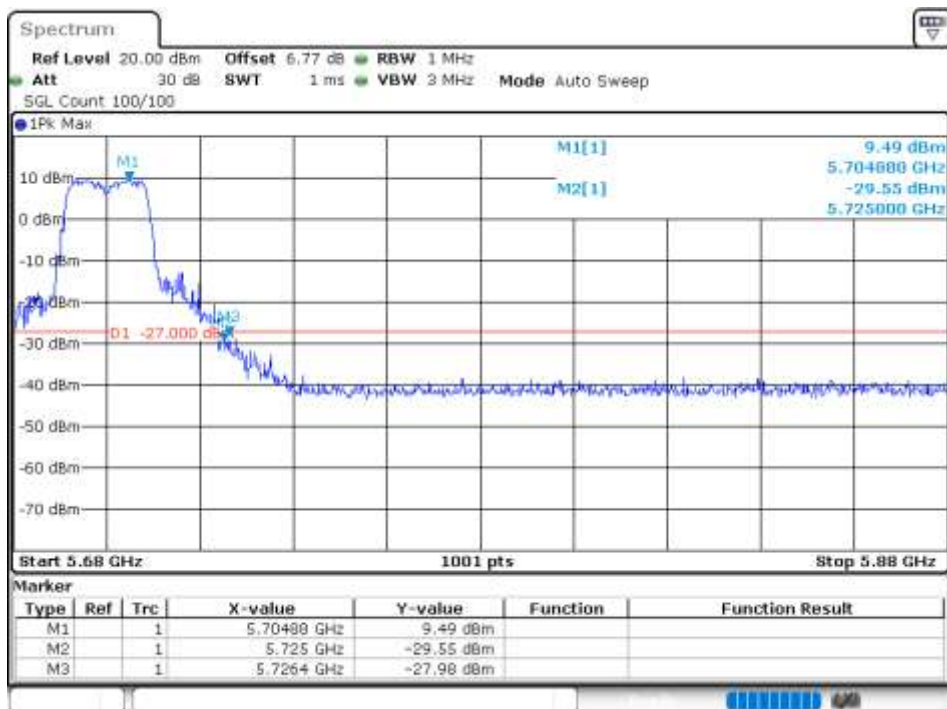
Band Edge NVNT a 5700MHz High Ant1



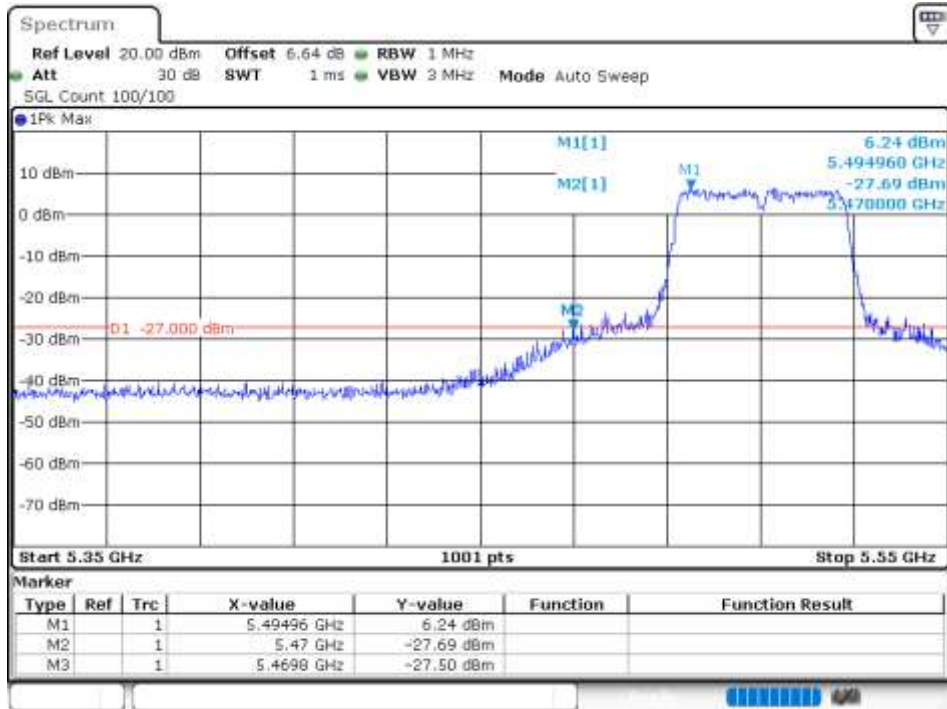
Band Edge NVNT n20 5500MHz Low Ant1



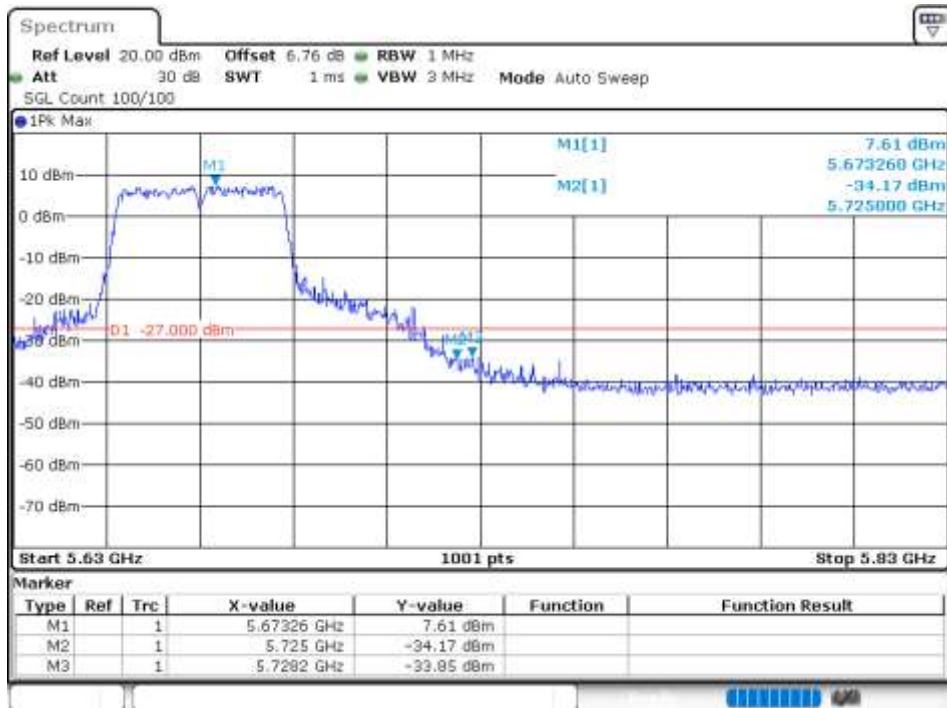
Band Edge NVNT n20 5700MHz High Ant1



Band Edge NVNT n40 5510MHz Low Ant1



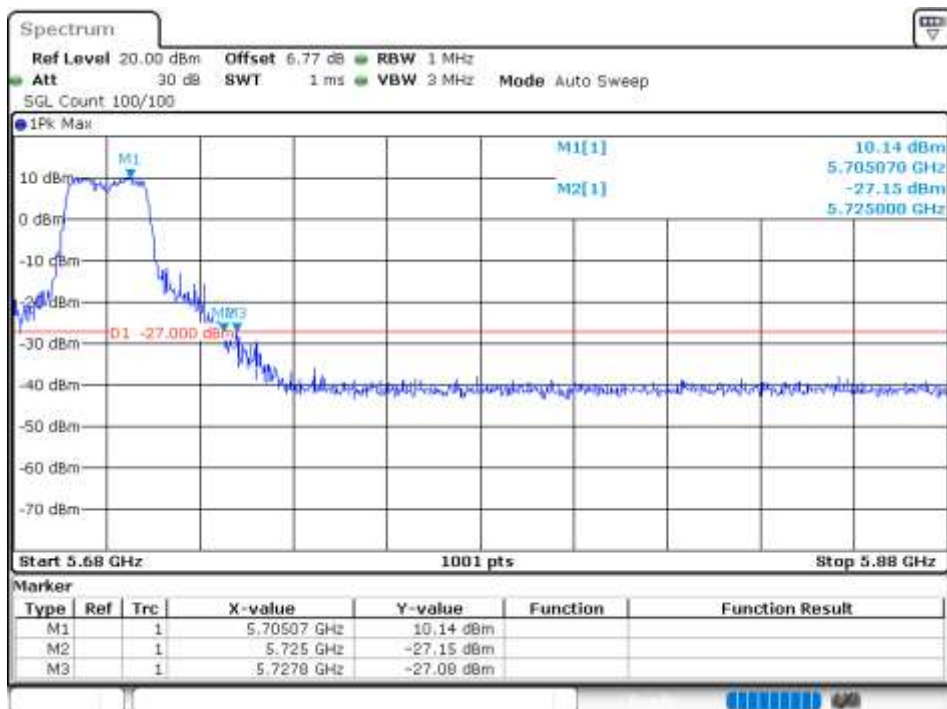
Band Edge NVNT n40 5670MHz High Ant1



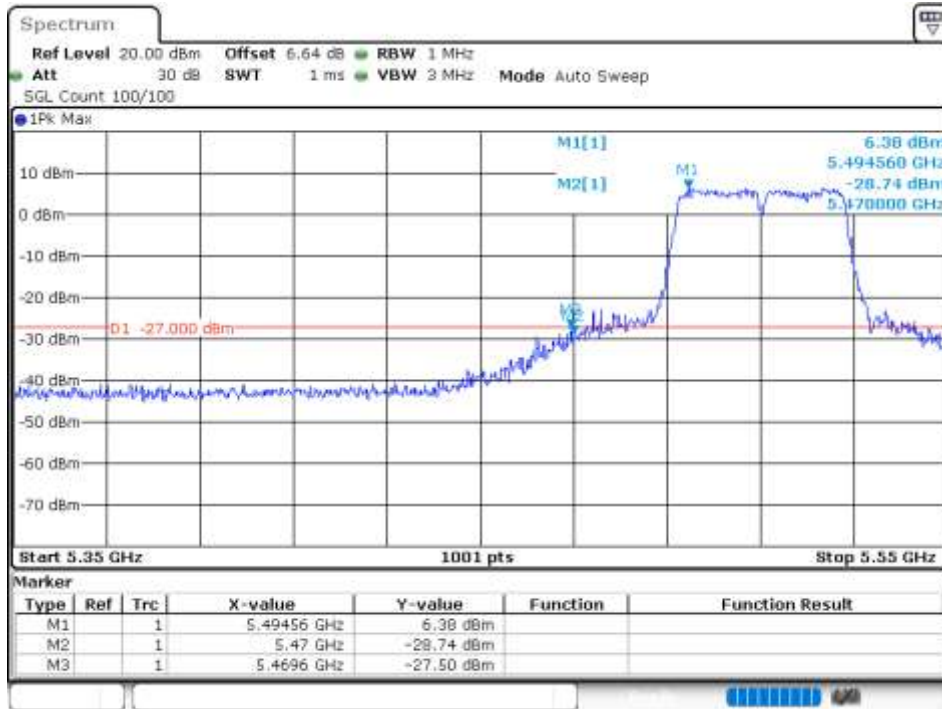
Band Edge NVNT ac20 5500MHz Low Ant1



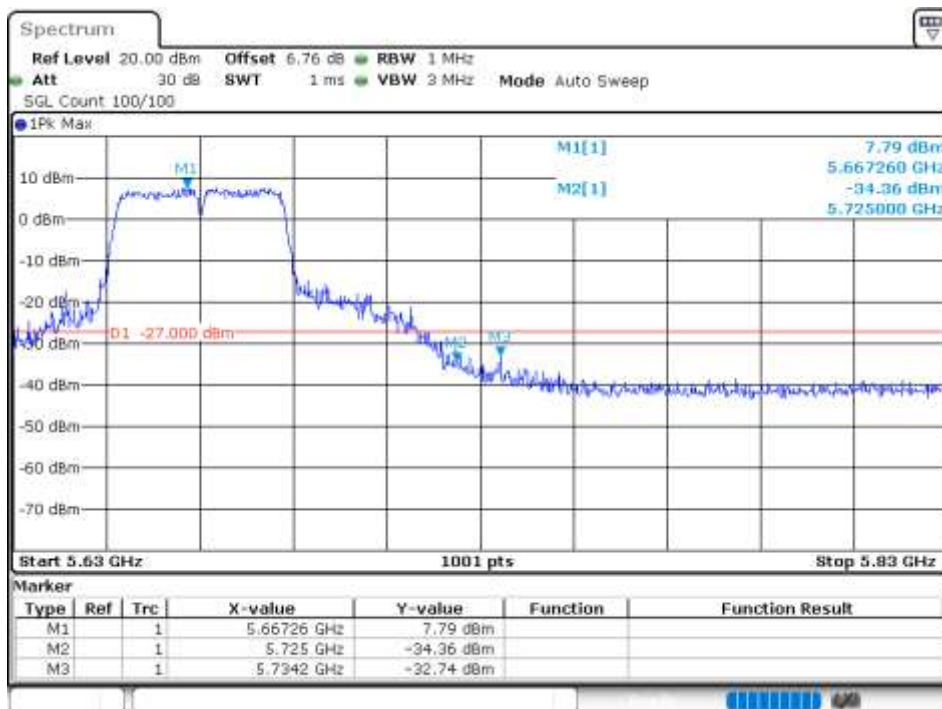
Band Edge NVNT ac20 5700MHz High Ant1



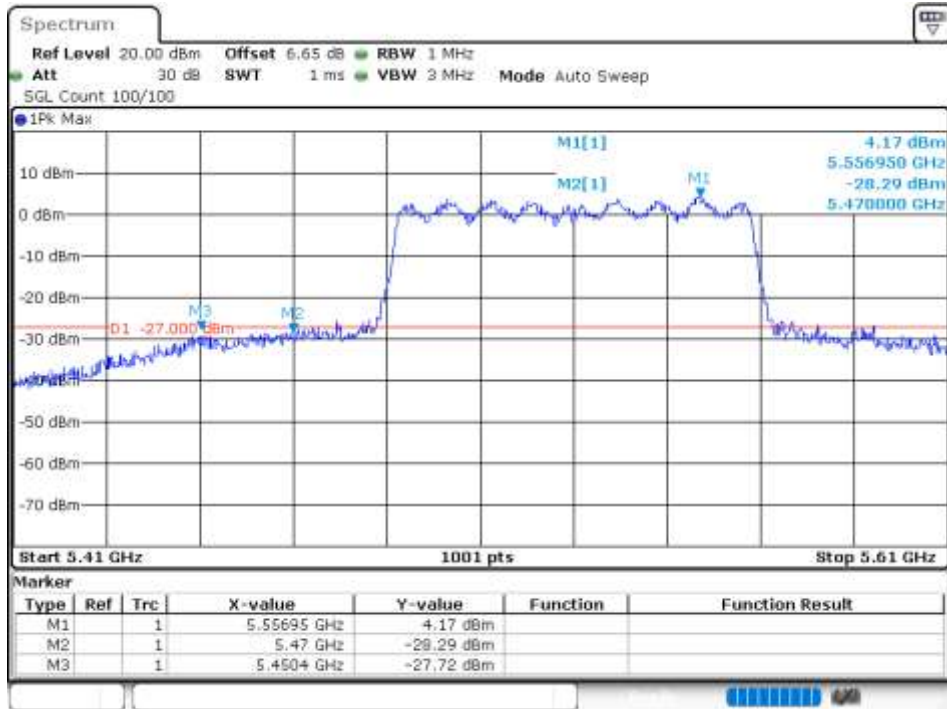
Band Edge NVNT ac40 5510MHz Low Ant1



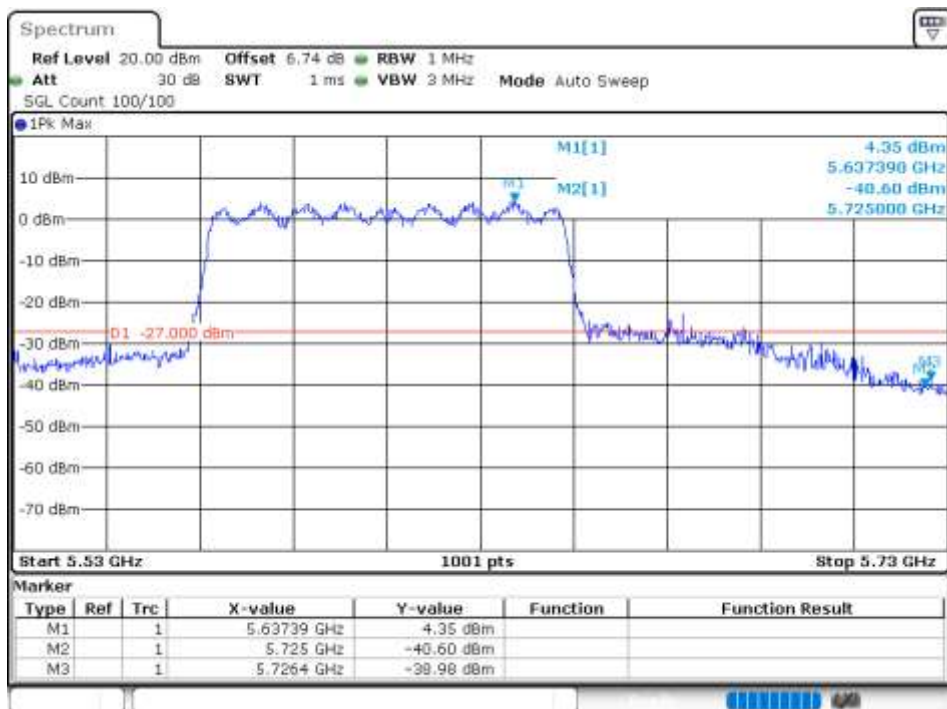
Band Edge NVNT ac40 5670MHz High Ant1



Band Edge NVNT ac80 5530MHz Low Ant1



Band Edge NVNT ac80 5610MHz High Ant1



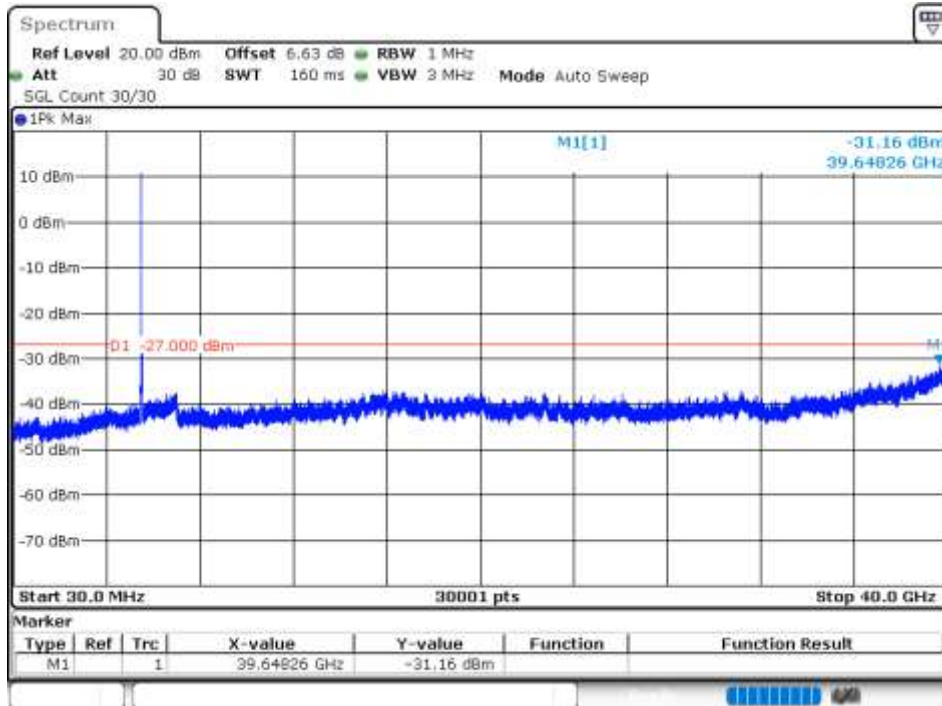
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-31.16	-27	Pass
NVNT	a	5600	Ant1	-31.43	-27	Pass
NVNT	a	5700	Ant1	-31.02	-27	Pass
NVNT	n20	5500	Ant1	-31.52	-27	Pass
NVNT	n20	5600	Ant1	-31.11	-27	Pass
NVNT	n20	5700	Ant1	-31.97	-27	Pass
NVNT	n40	5510	Ant1	-32.33	-27	Pass
NVNT	n40	5590	Ant1	-31.72	-27	Pass
NVNT	n40	5670	Ant1	-32.28	-27	Pass
NVNT	ac20	5500	Ant1	-31.94	-27	Pass
NVNT	ac20	5600	Ant1	-31.49	-27	Pass
NVNT	ac20	5700	Ant1	-31.51	-27	Pass
NVNT	ac40	5510	Ant1	-31.41	-27	Pass
NVNT	ac40	5590	Ant1	-32.31	-27	Pass
NVNT	ac40	5670	Ant1	-31.32	-27	Pass
NVNT	ac80	5530	Ant1	-32.48	-27	Pass
NVNT	ac80	5610	Ant1	-31.87	-27	Pass

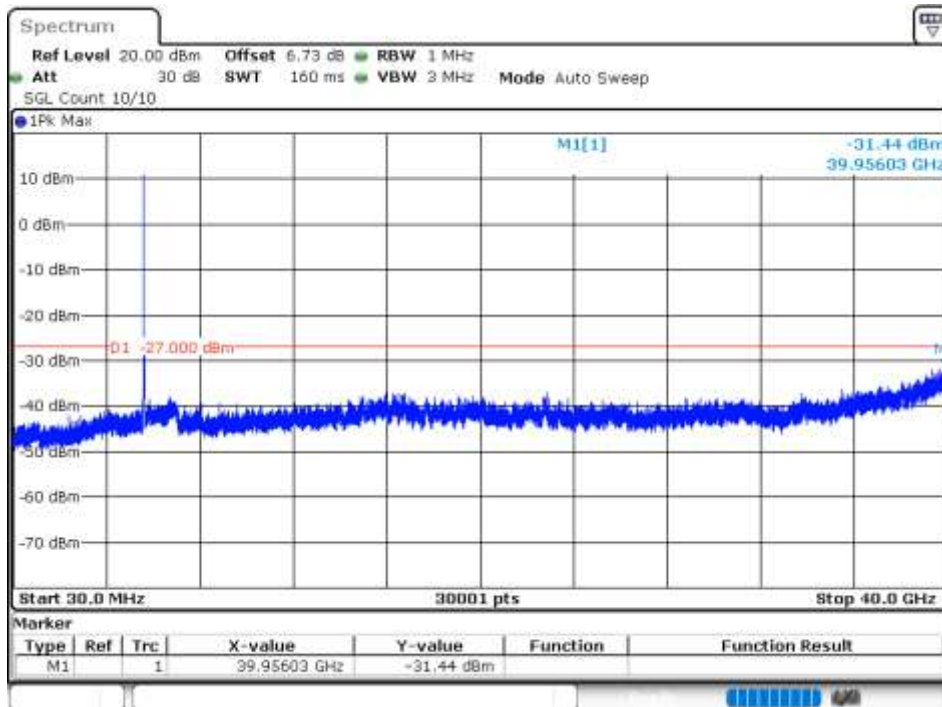
Note: This test has increased antenna gain .

Test Graphs

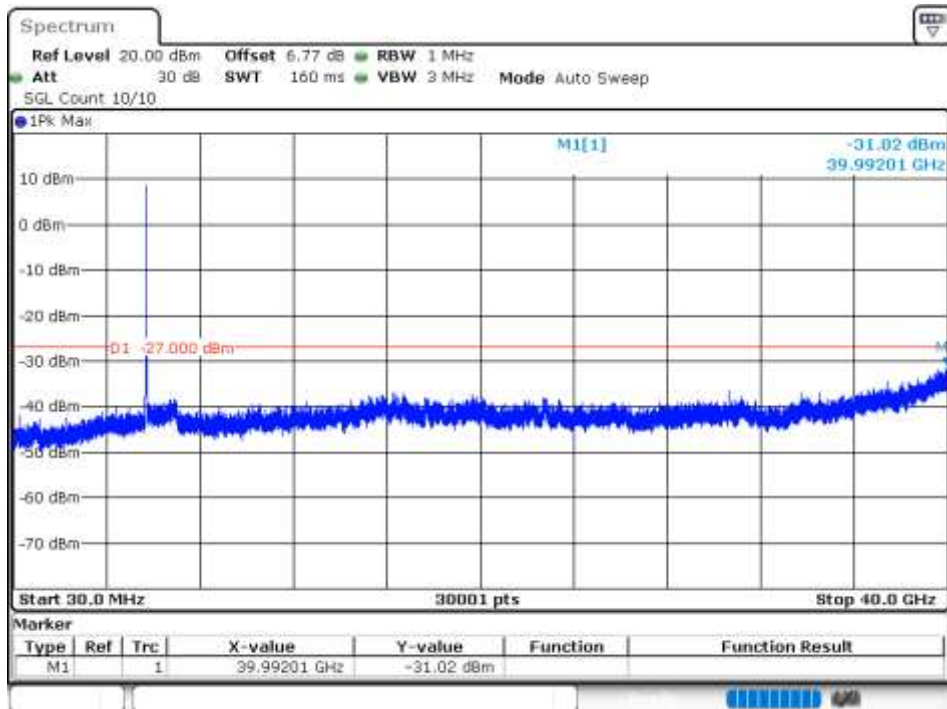
Tx. Spurious NVNT a 5500MHz Ant1 Emission



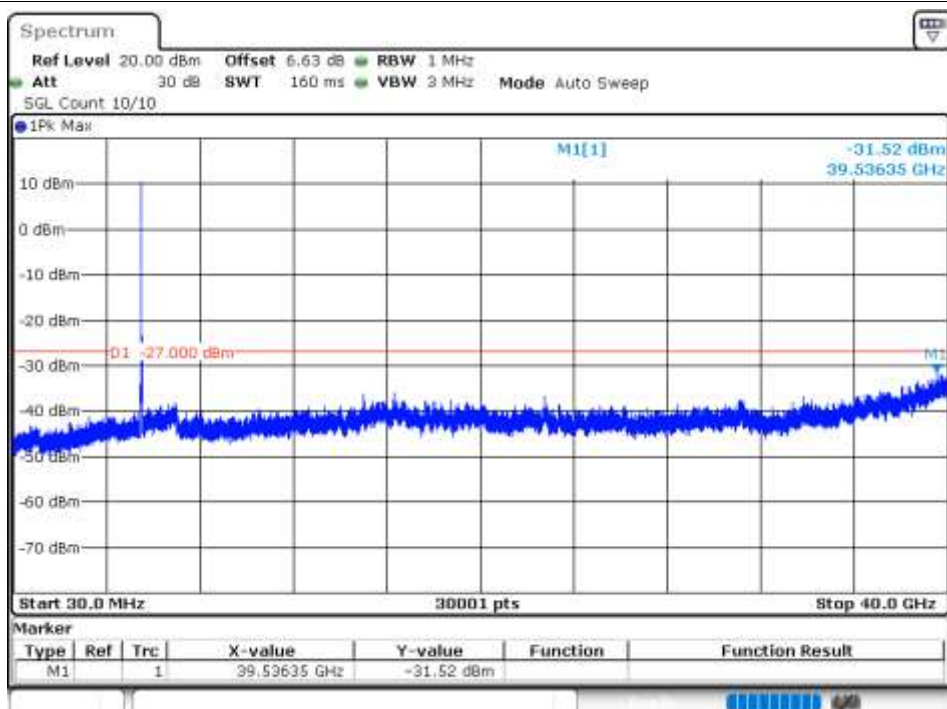
Tx. Spurious NVNT a 5600MHz Ant1 Emission



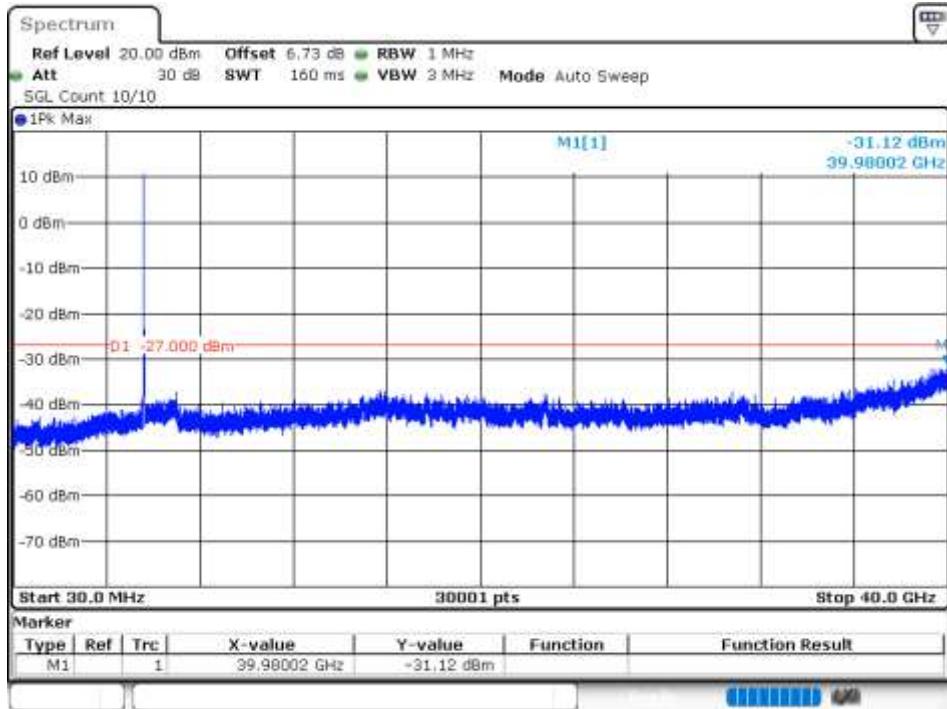
Tx. Spurious NVNT a 5700MHz Ant1 Emission



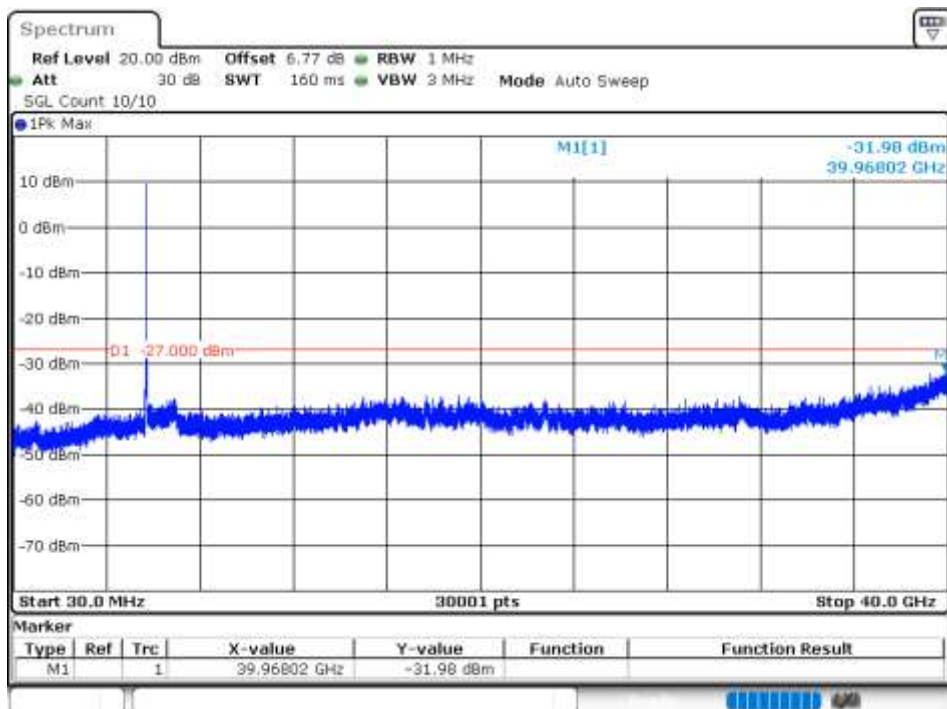
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



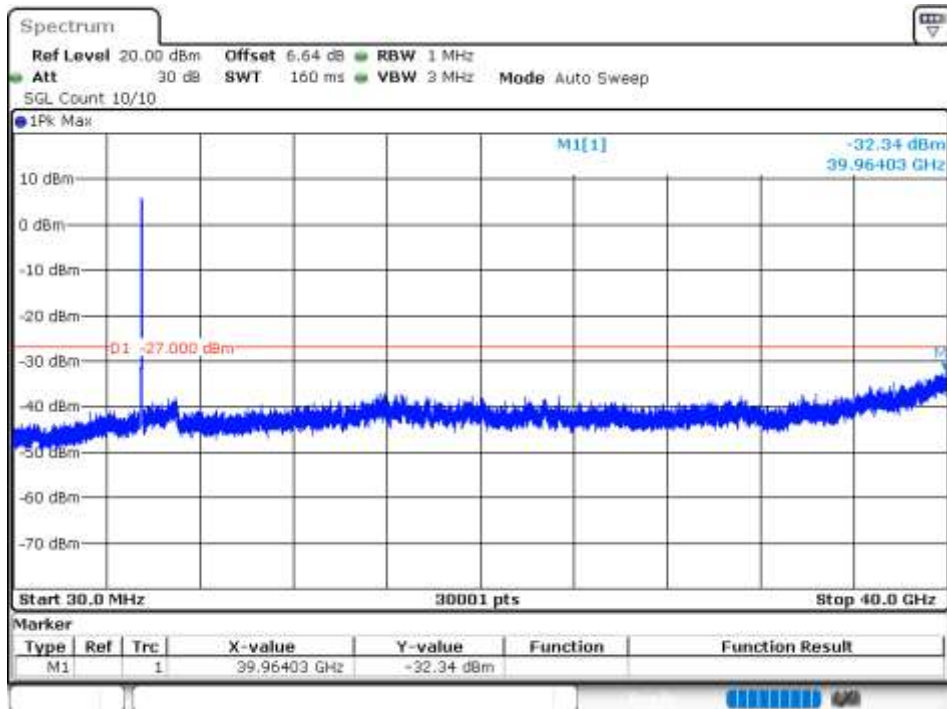
Tx. Spurious NVNT n20 5600MHz Ant1 Emission



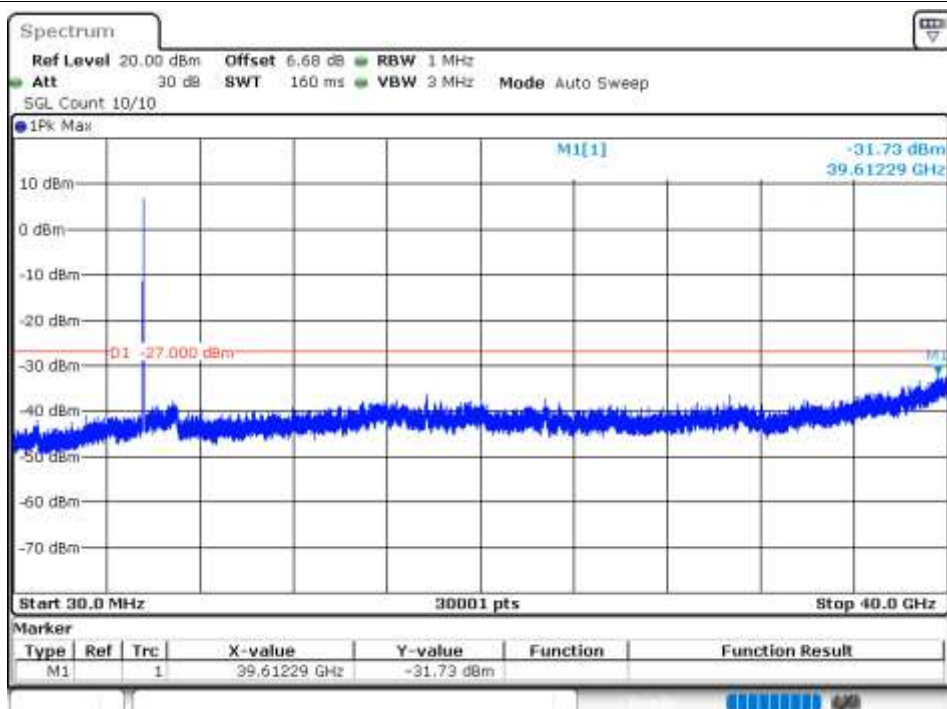
Tx. Spurious NVNT n20 5700MHz Ant1 Emission



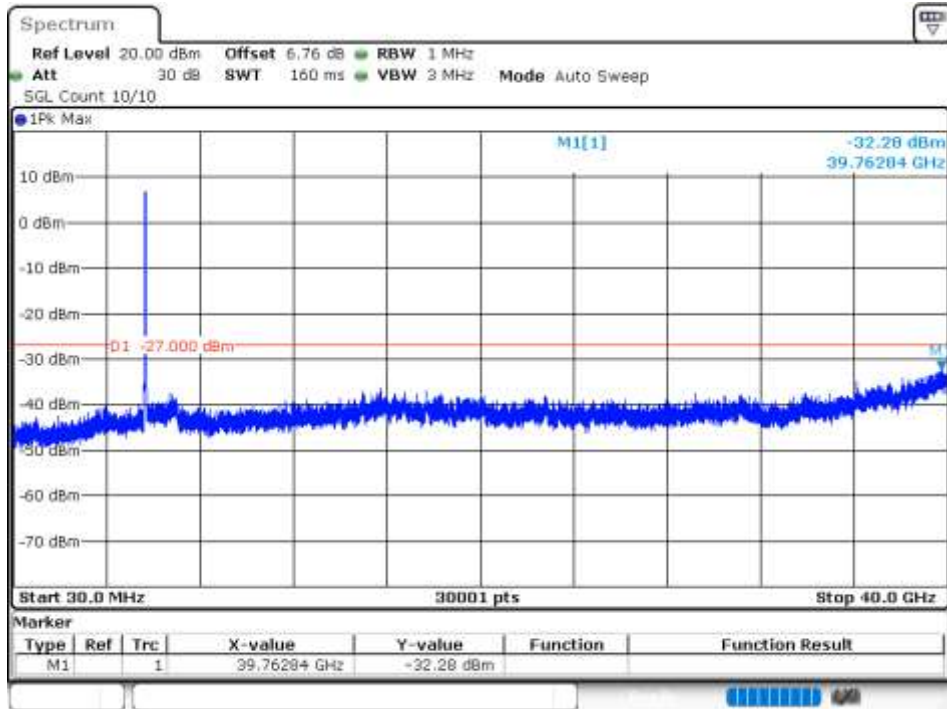
Tx. Spurious NVNT n40 5510MHz Ant1 Emission



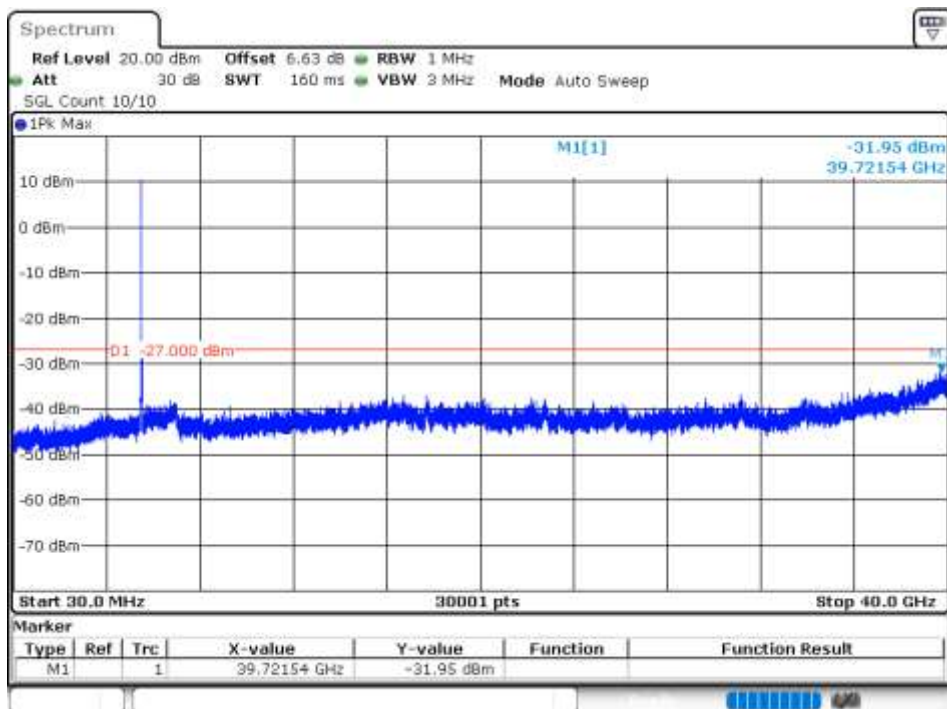
Tx. Spurious NVNT n40 5590MHz Ant1 Emission



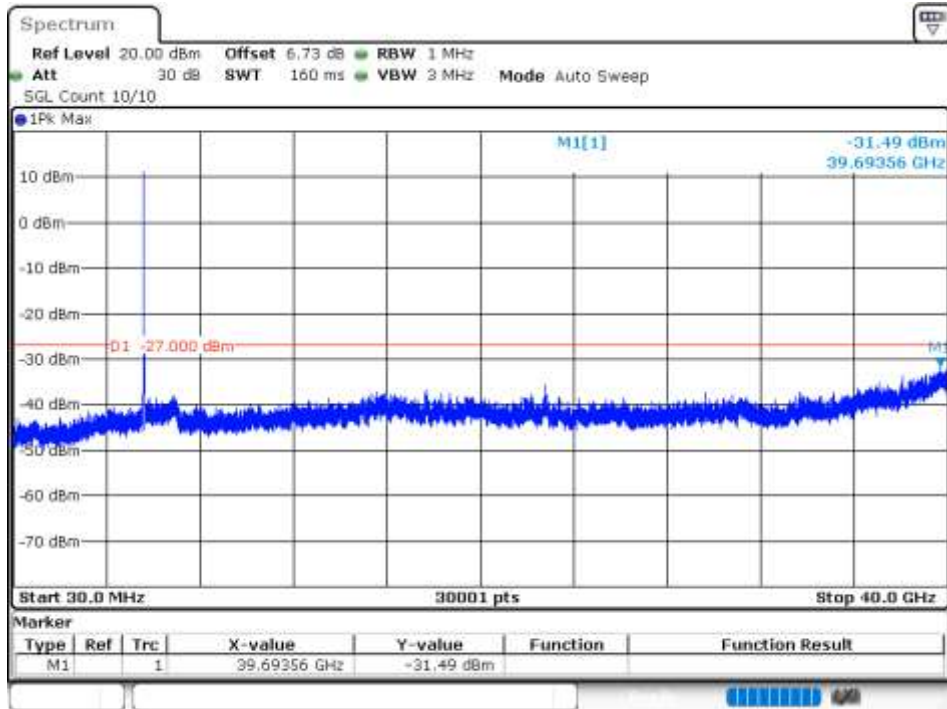
Tx. Spurious NVNT n40 5670MHz Ant1 Emission



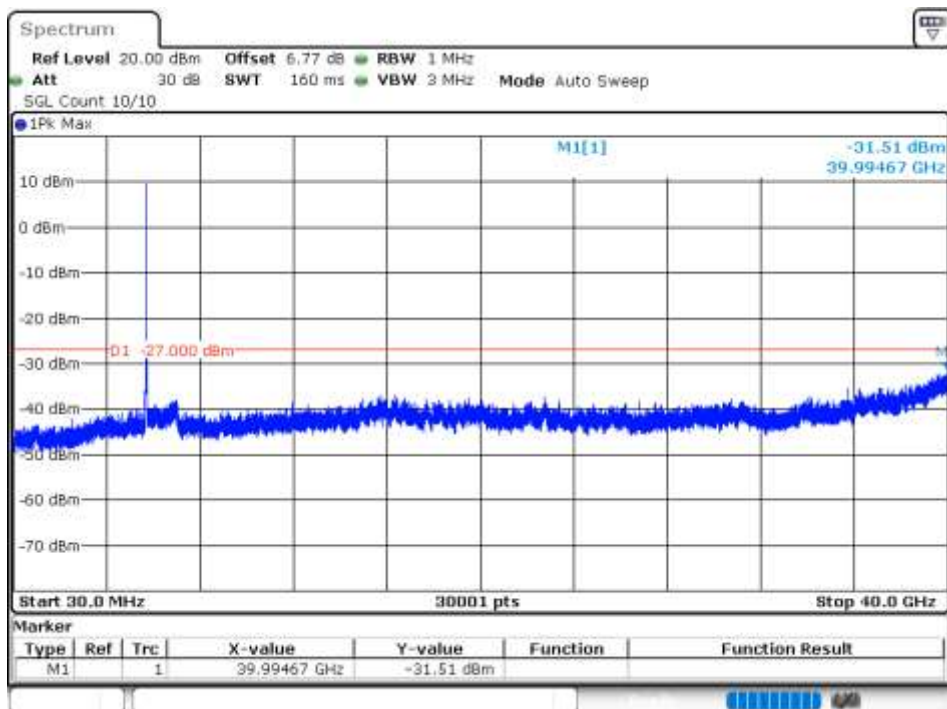
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



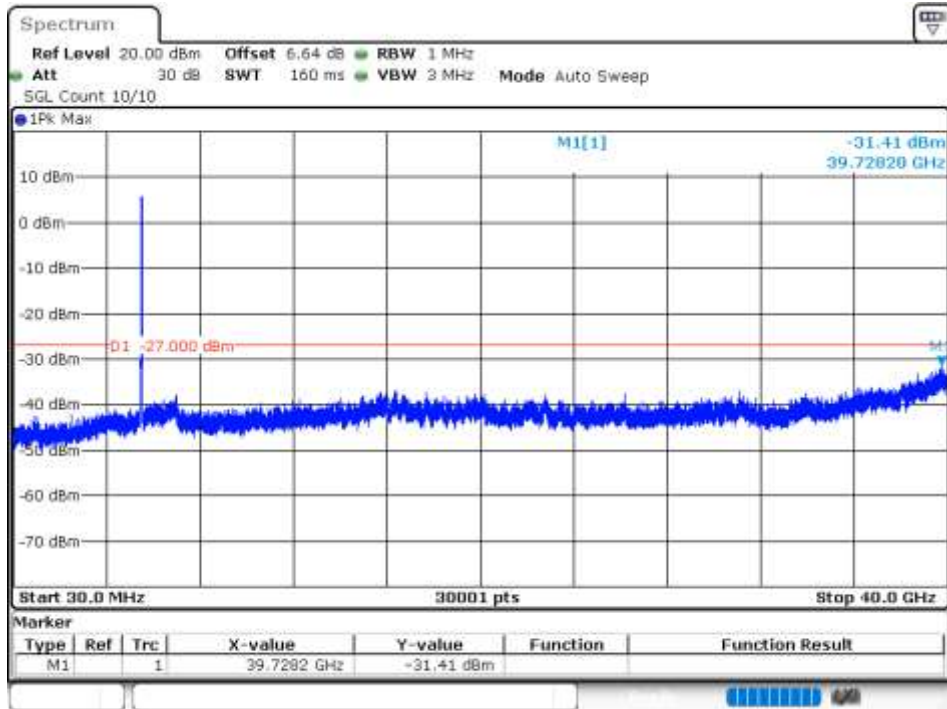
Tx. Spurious NVNT ac20 5600MHz Ant1 Emission



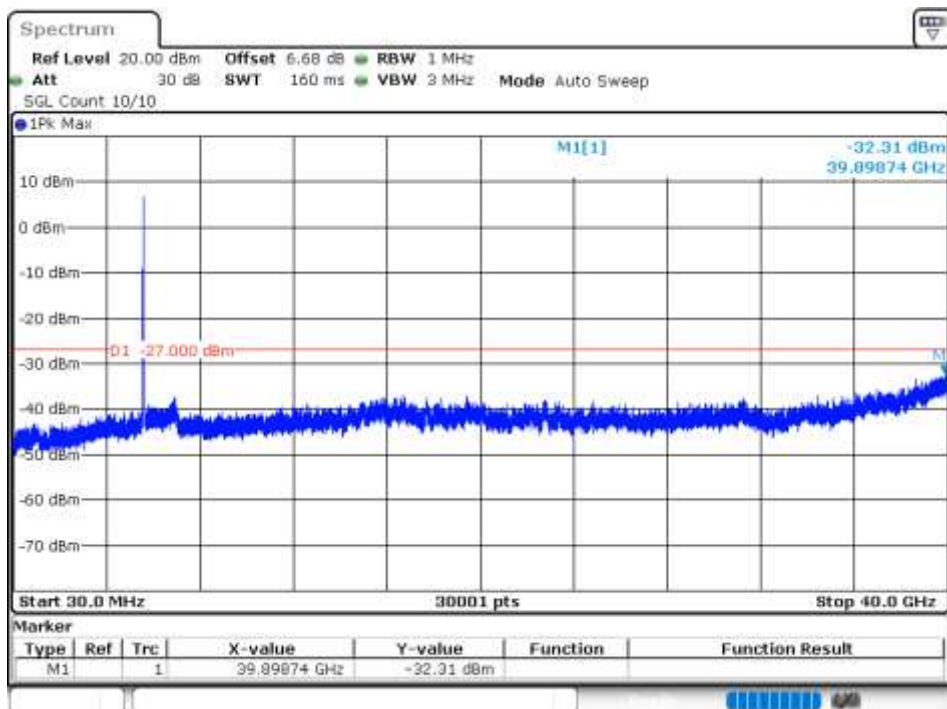
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



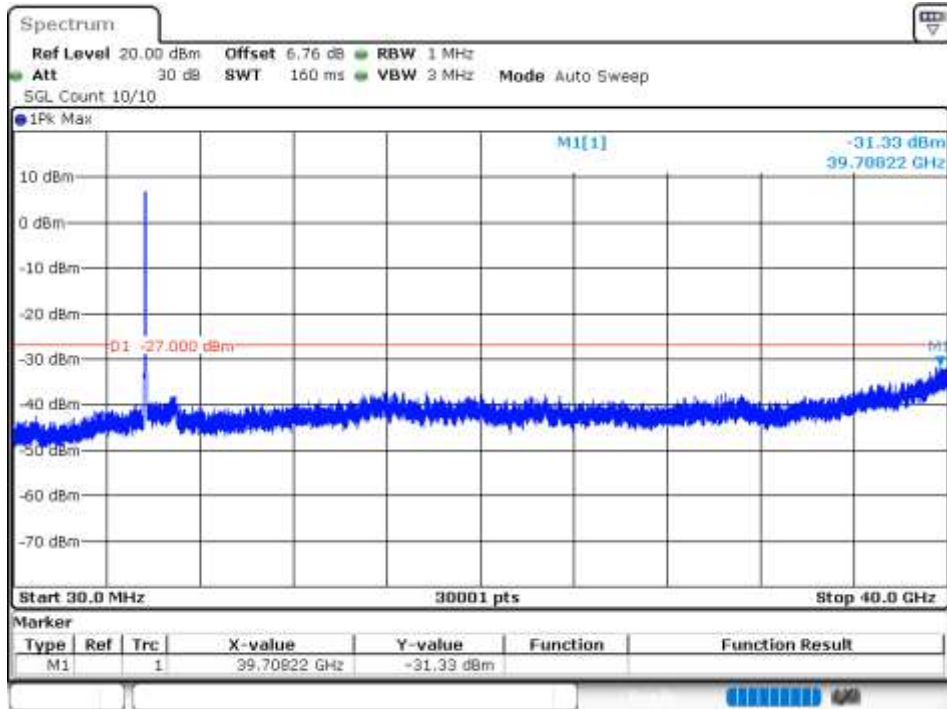
Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



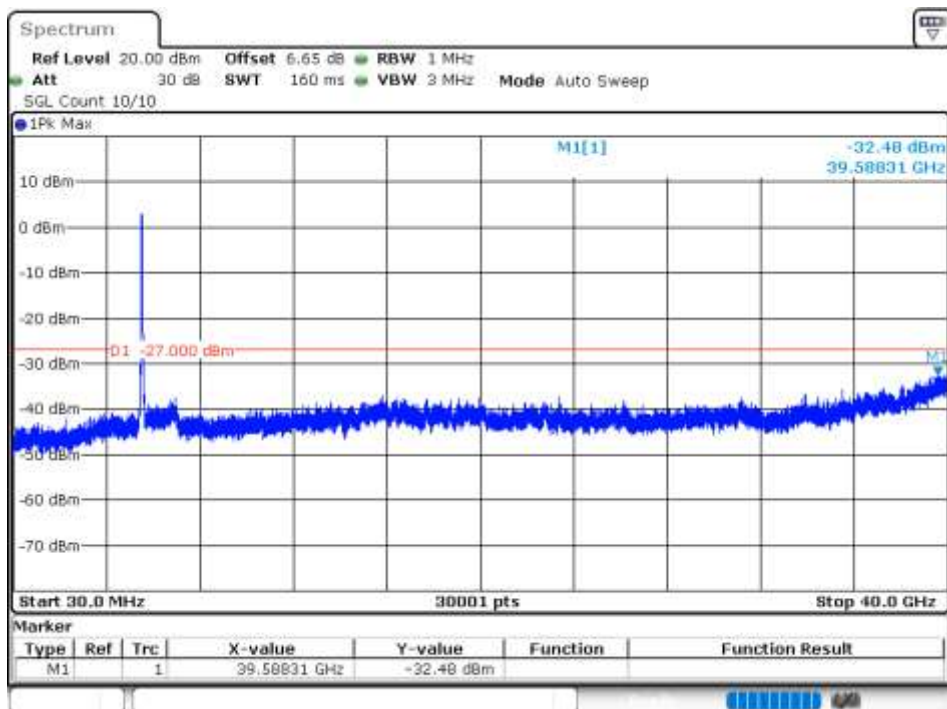
Tx. Spurious NVNT ac40 5590MHz Ant1 Emission

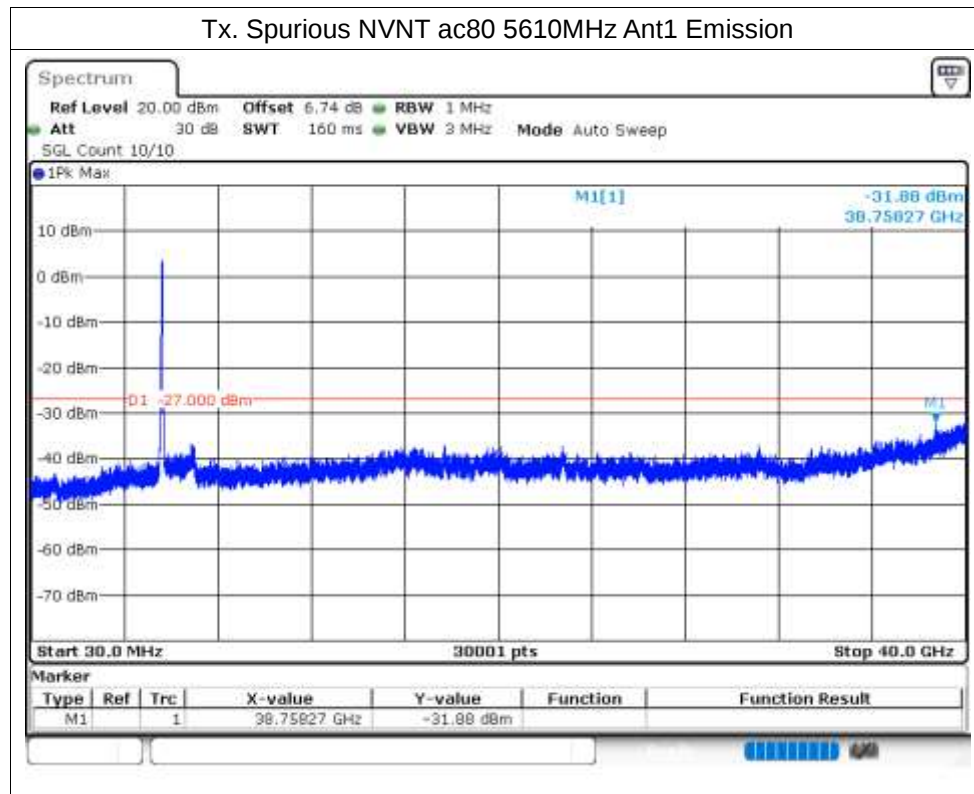


Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



Tx. Spurious NVNT ac80 5530MHz Ant1 Emission





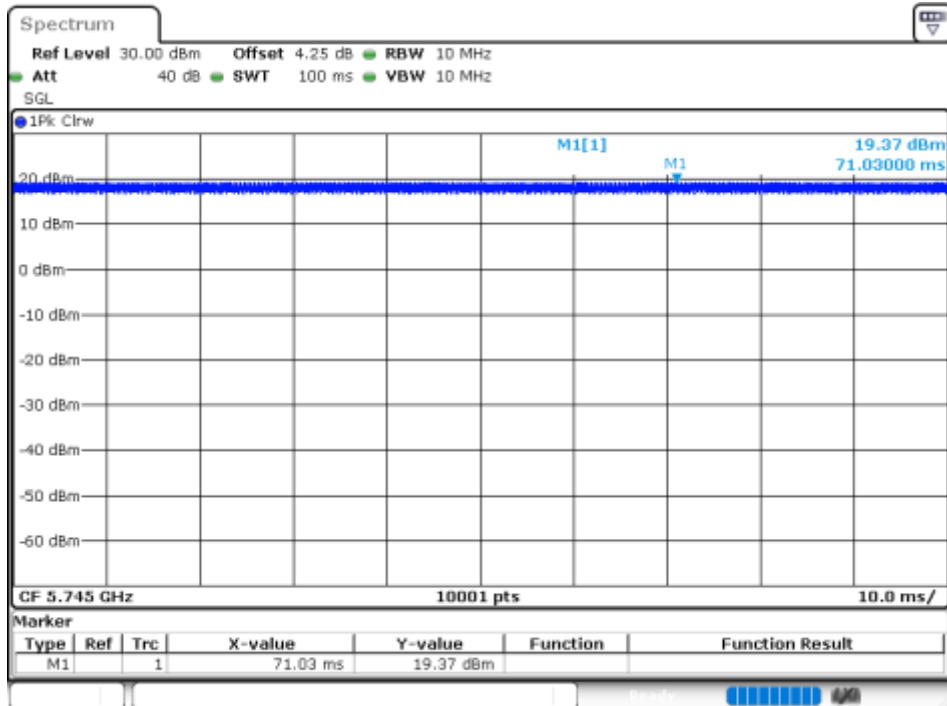
5.8GWIFI

Duty Cycle

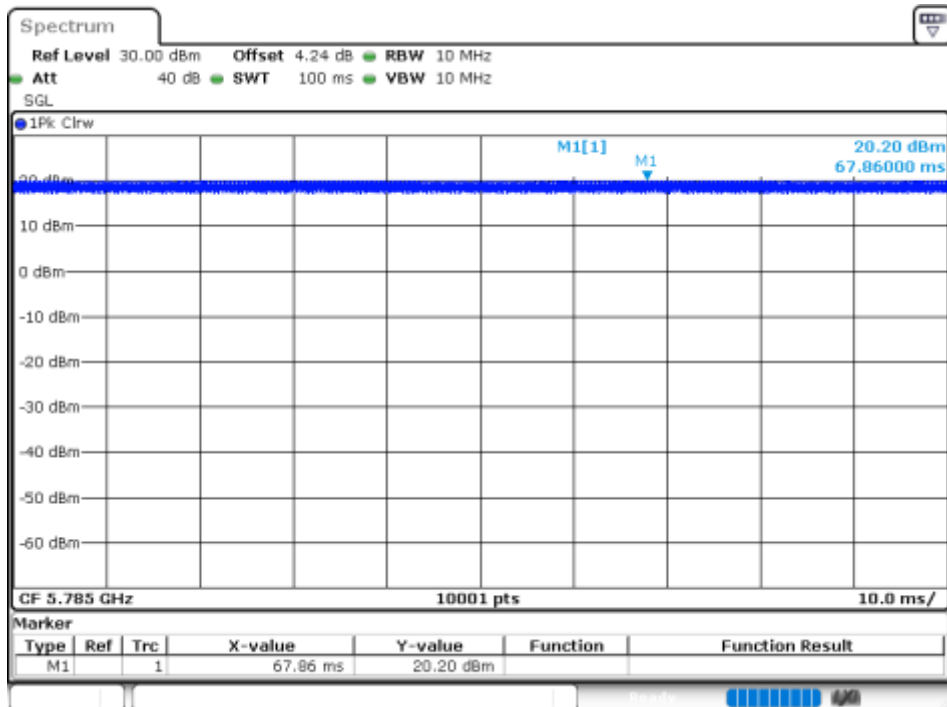
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	100	0	0
NVNT	a	5785	Ant1	100	0	0
NVNT	a	5825	Ant1	100	0	0
NVNT	n20	5745	Ant1	100	0	0
NVNT	n20	5785	Ant1	100	0	0
NVNT	n20	5825	Ant1	100	0	0
NVNT	n40	5755	Ant1	100	0	0
NVNT	n40	5795	Ant1	100	0	0
NVNT	ac20	5745	Ant1	100	0	0
NVNT	ac20	5785	Ant1	100	0	0
NVNT	ac20	5825	Ant1	100	0	0
NVNT	ac40	5755	Ant1	100	0	0
NVNT	ac40	5795	Ant1	100	0	0
NVNT	ac80	5775	Ant1	100	0	0

Test Graphs

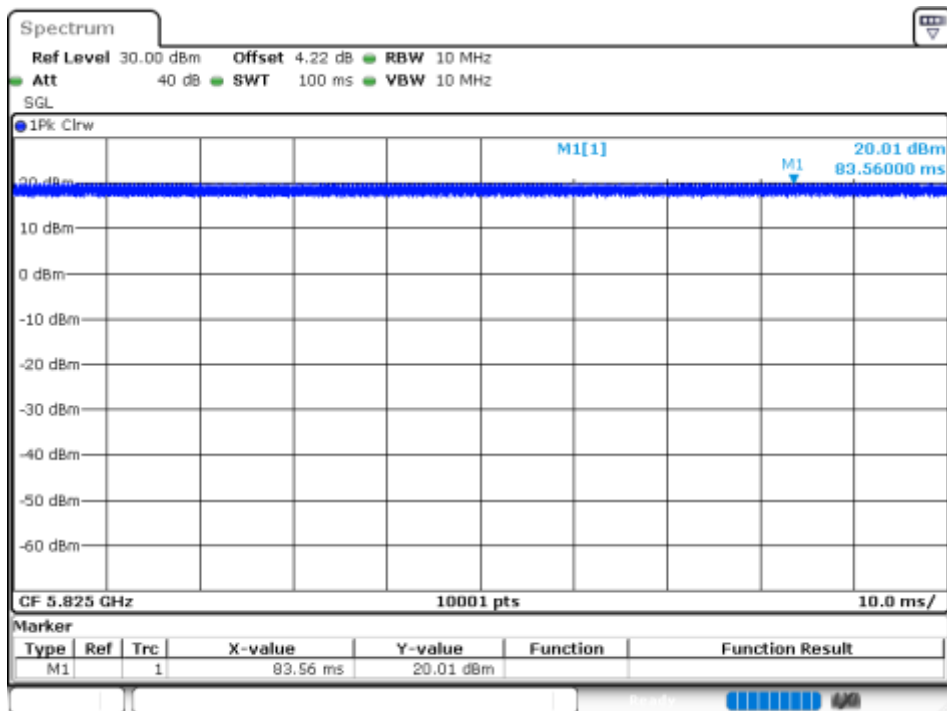
Duty Cycle NVNT a 5745MHz Ant1



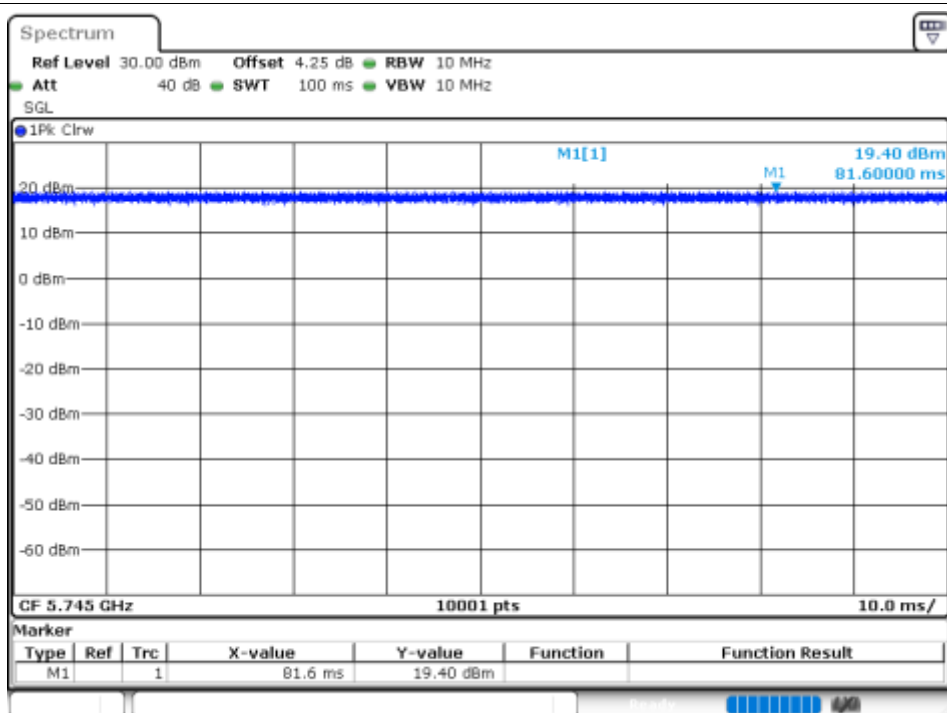
Duty Cycle NVNT a 5785MHz Ant1



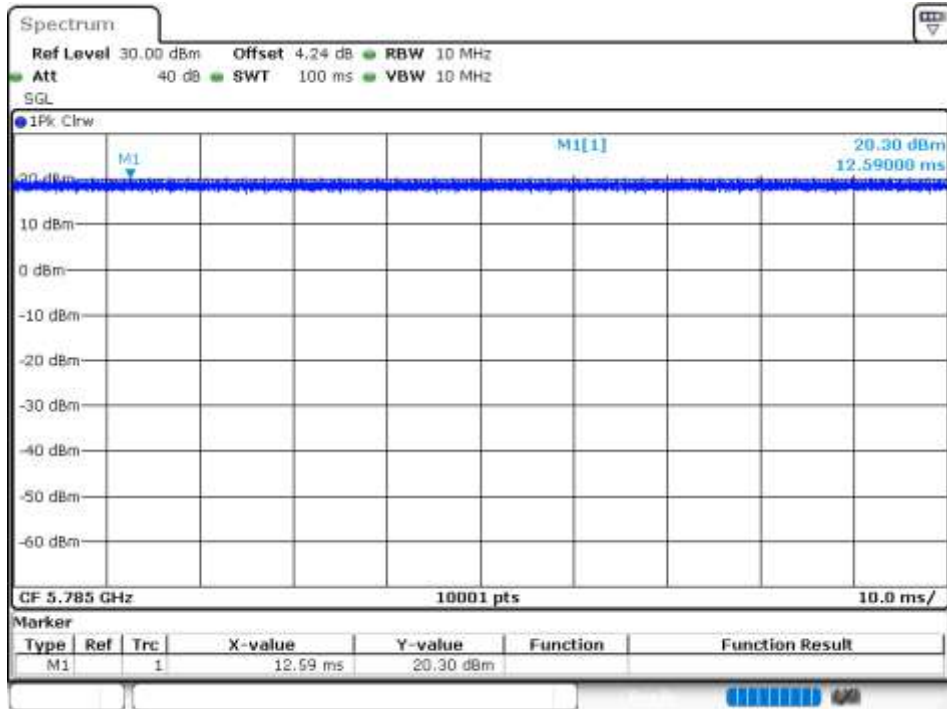
Duty Cycle NVNT a 5825MHz Ant1



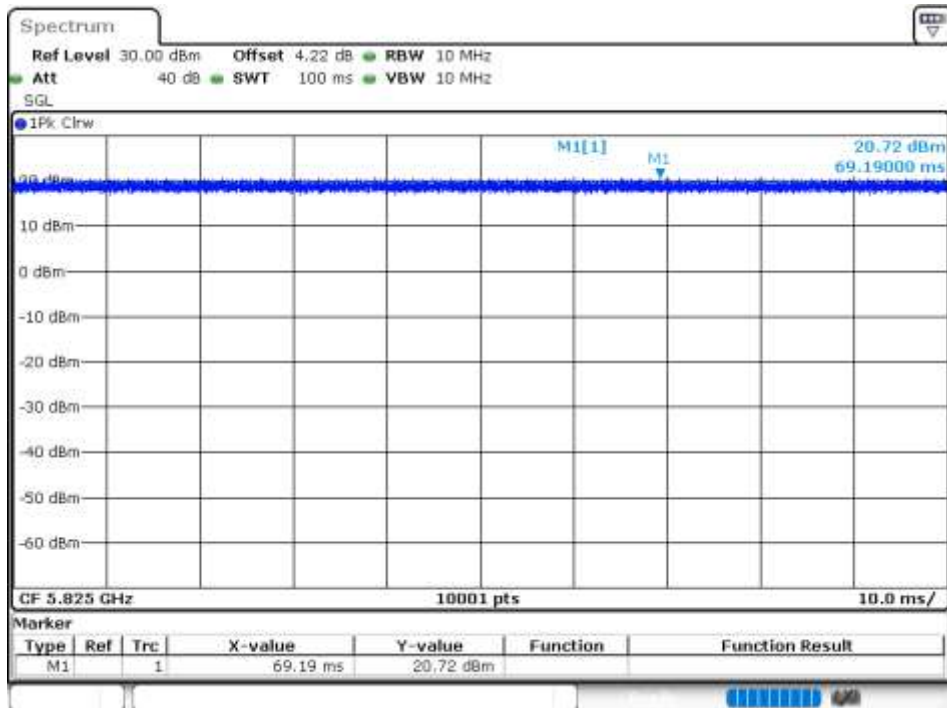
Duty Cycle NVNT n20 5745MHz Ant1



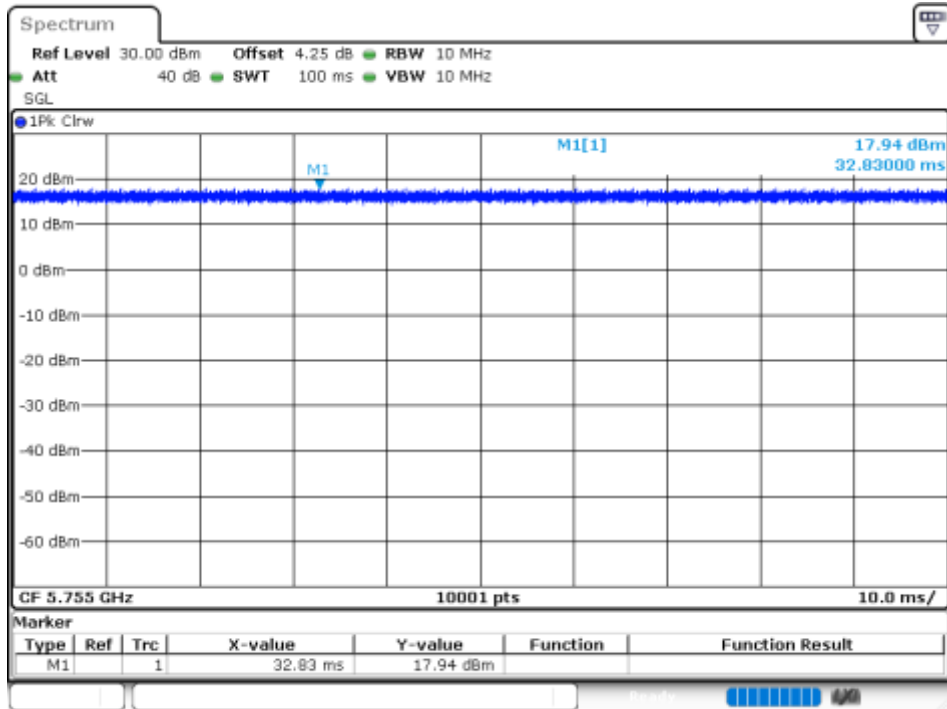
Duty Cycle NVNT n20 5785MHz Ant1



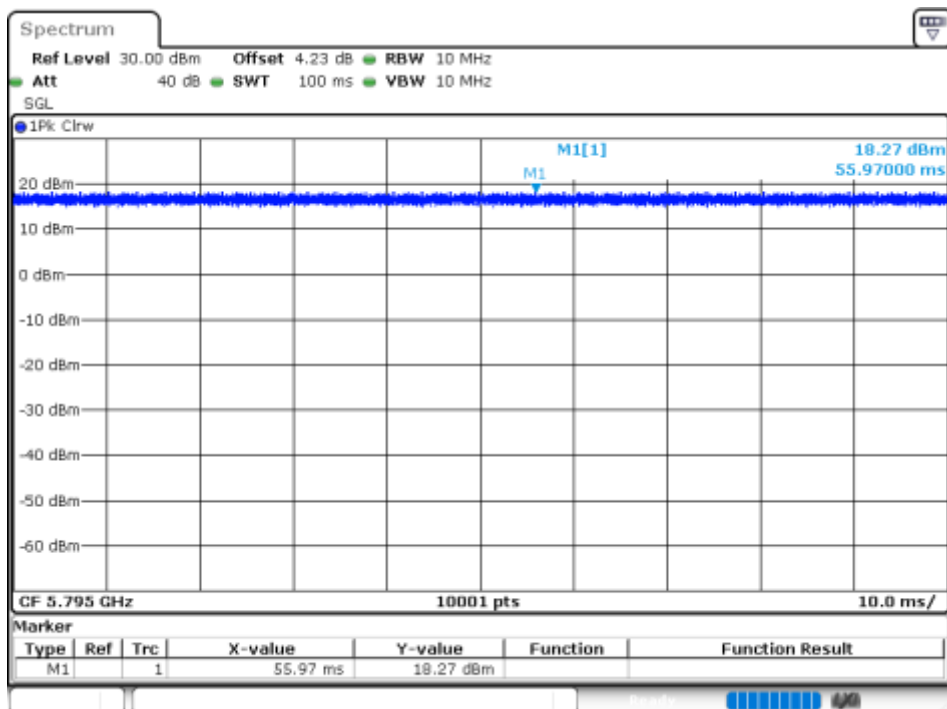
Duty Cycle NVNT n20 5825MHz Ant1



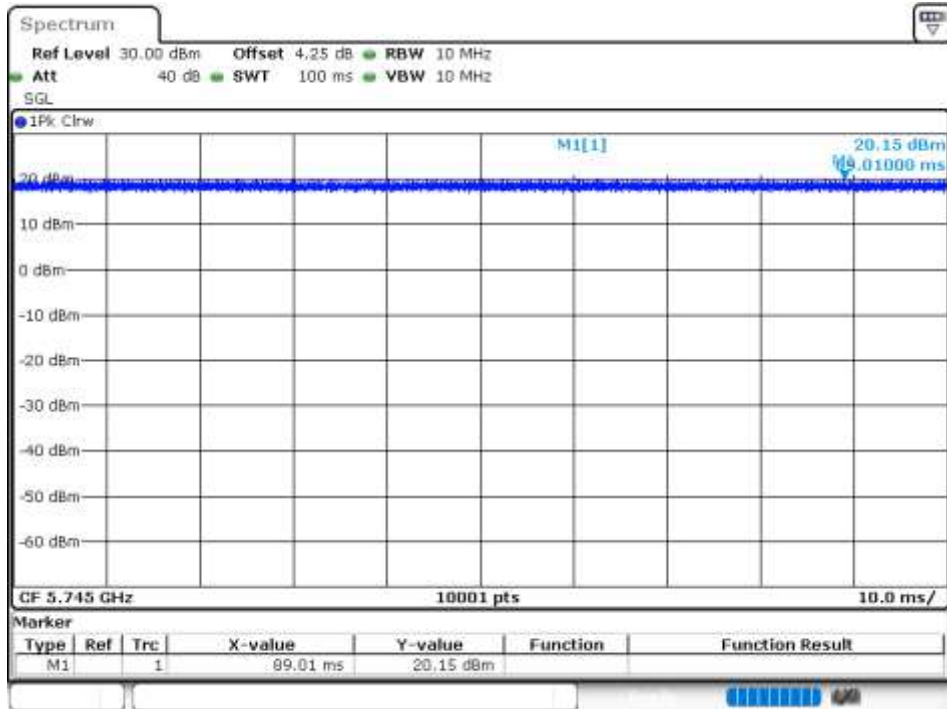
Duty Cycle NVNT n40 5755MHz Ant1



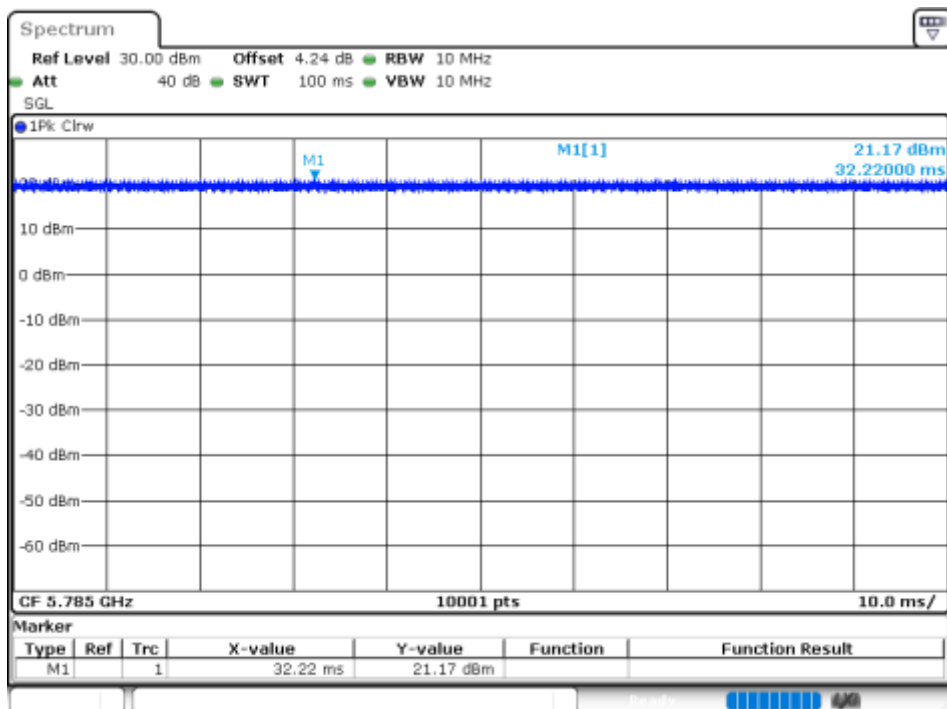
Duty Cycle NVNT n40 5795MHz Ant1



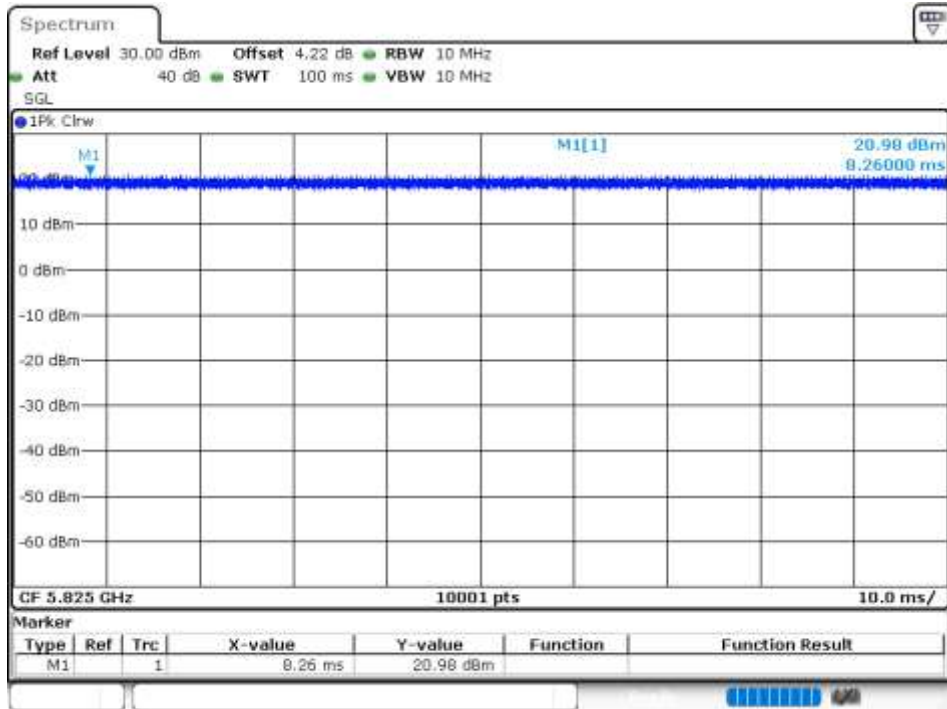
Duty Cycle NVNT ac20 5745MHz Ant1



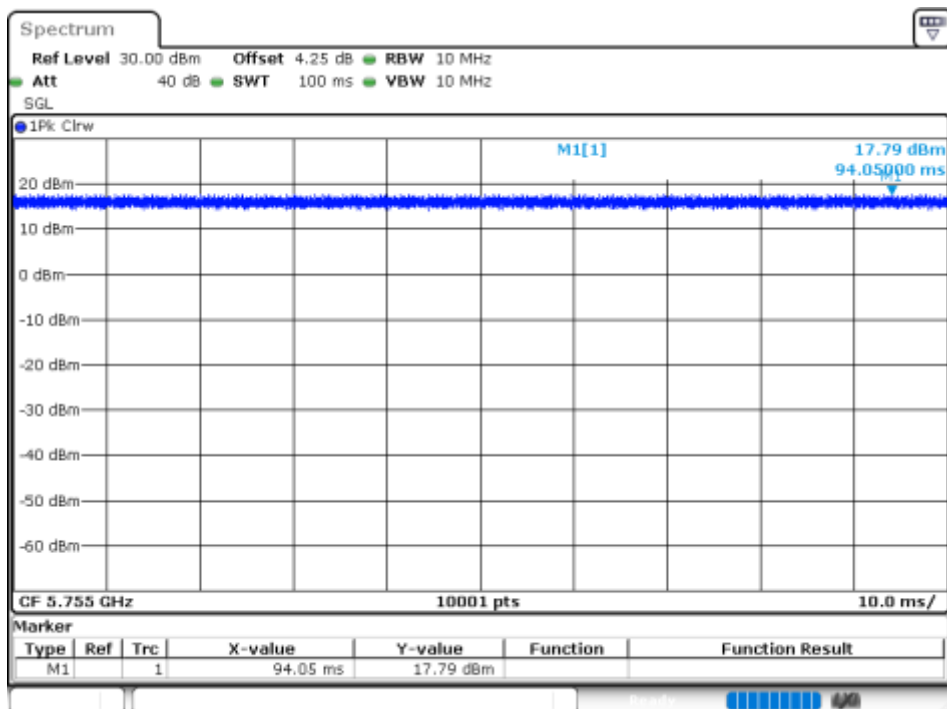
Duty Cycle NVNT ac20 5785MHz Ant1



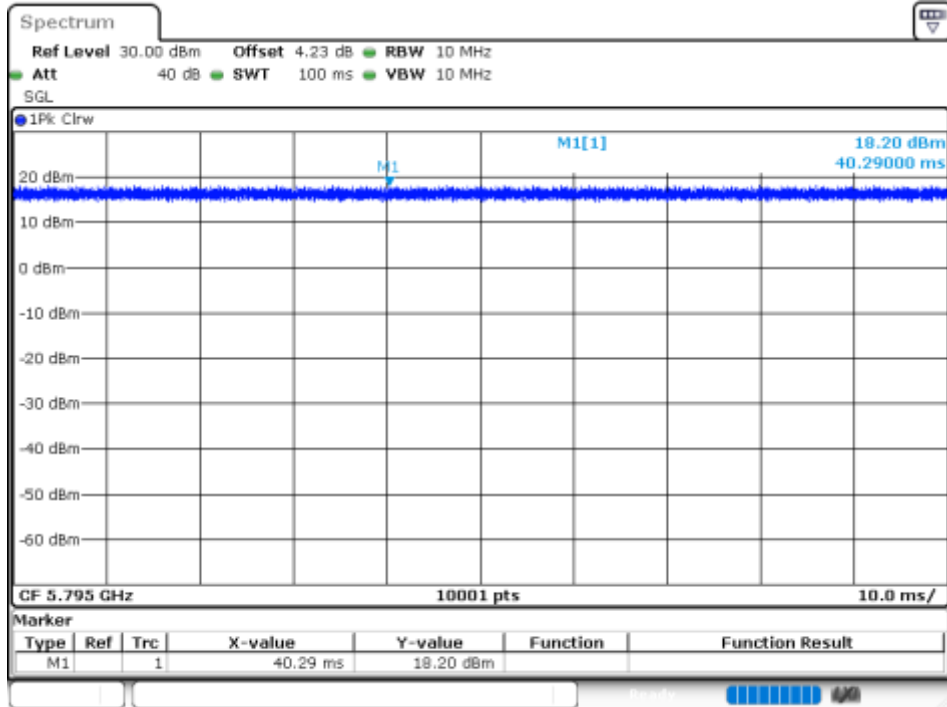
Duty Cycle NVNT ac20 5825MHz Ant1



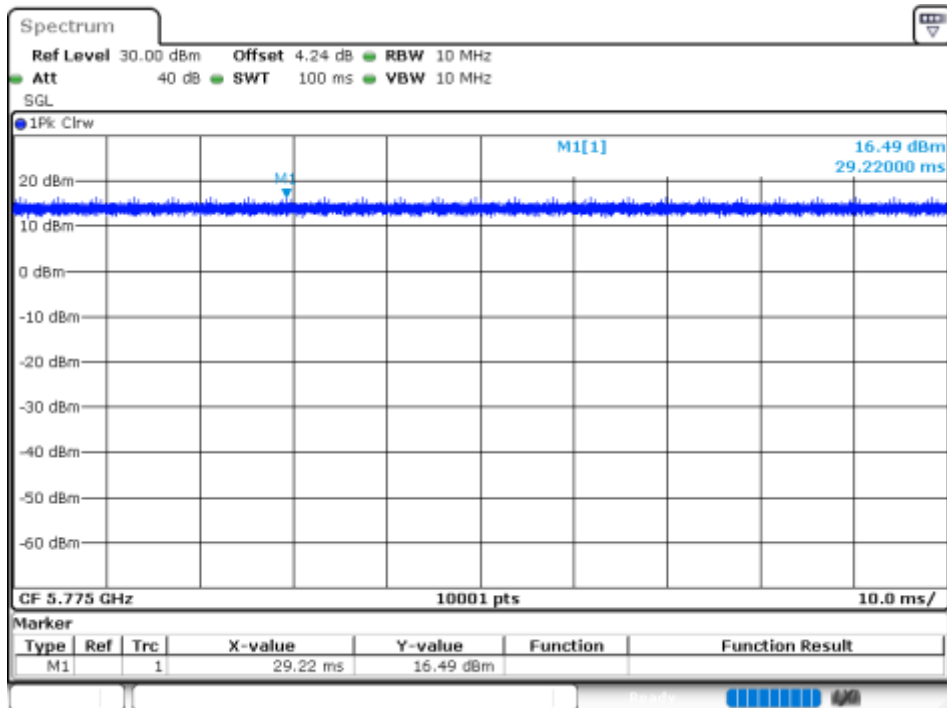
Duty Cycle NVNT ac40 5755MHz Ant1



Duty Cycle NVNT ac40 5795MHz Ant1



Duty Cycle NVNT ac80 5775MHz Ant1



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	15.37	30	Pass
NVNT	a	5785	Ant1	15.17	30	Pass
NVNT	a	5825	Ant1	15.25	30	Pass
NVNT	n20	5745	Ant1	15.02	30	Pass
NVNT	n20	5785	Ant1	15.18	30	Pass
NVNT	n20	5825	Ant1	15.09	30	Pass
NVNT	n40	5755	Ant1	15.3	30	Pass
NVNT	n40	5795	Ant1	15.51	30	Pass
NVNT	ac20	5745	Ant1	15.04	30	Pass
NVNT	ac20	5785	Ant1	15.6	30	Pass
NVNT	ac20	5825	Ant1	15.45	30	Pass
NVNT	ac40	5755	Ant1	15.15	30	Pass
NVNT	ac40	5795	Ant1	15.47	30	Pass
NVNT	ac80	5775	Ant1	15.21	30	Pass

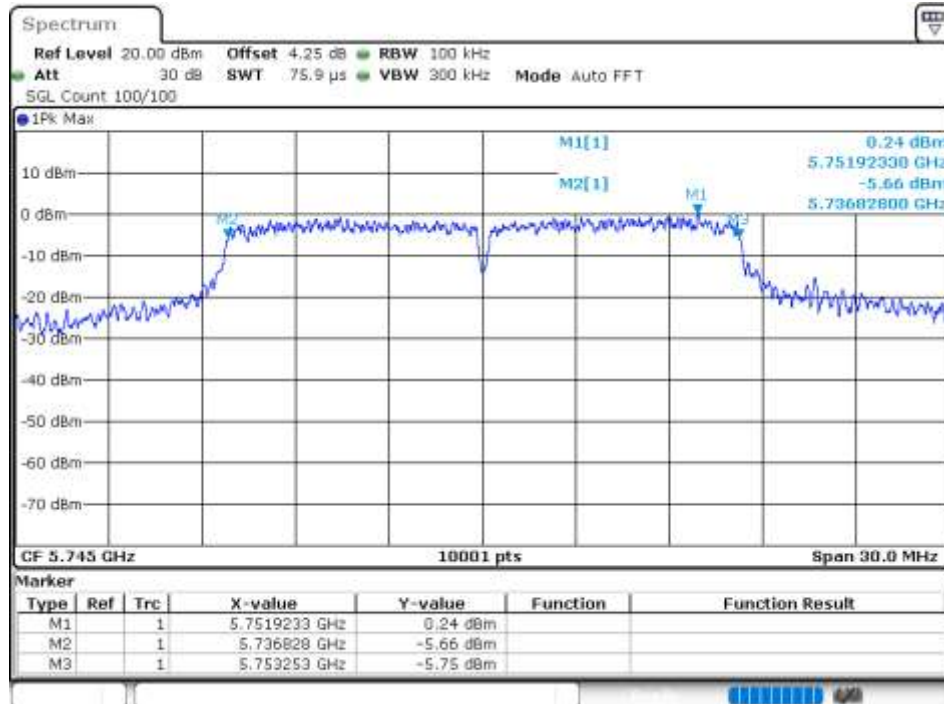
Note: The average power value already includes the duty cycle factor

-6dB Bandwidth

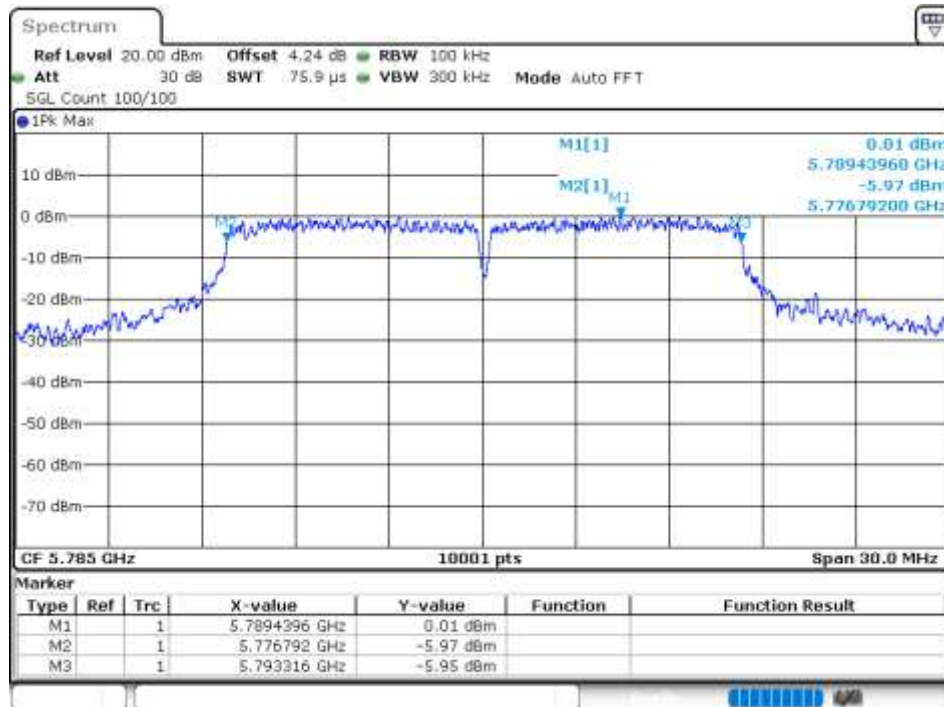
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.425	0.5	Pass
NVNT	a	5785	Ant1	16.524	0.5	Pass
NVNT	a	5825	Ant1	16.527	0.5	Pass
NVNT	n20	5745	Ant1	17.622	0.5	Pass
NVNT	n20	5785	Ant1	17.616	0.5	Pass
NVNT	n20	5825	Ant1	17.679	0.5	Pass
NVNT	n40	5755	Ant1	36.348	0.5	Pass
NVNT	n40	5795	Ant1	36.384	0.5	Pass
NVNT	ac20	5745	Ant1	17.64	0.5	Pass
NVNT	ac20	5785	Ant1	17.676	0.5	Pass
NVNT	ac20	5825	Ant1	17.601	0.5	Pass
NVNT	ac40	5755	Ant1	36.426	0.5	Pass
NVNT	ac40	5795	Ant1	36.366	0.5	Pass
NVNT	ac80	5775	Ant1	75.66	0.5	Pass

Test Graphs

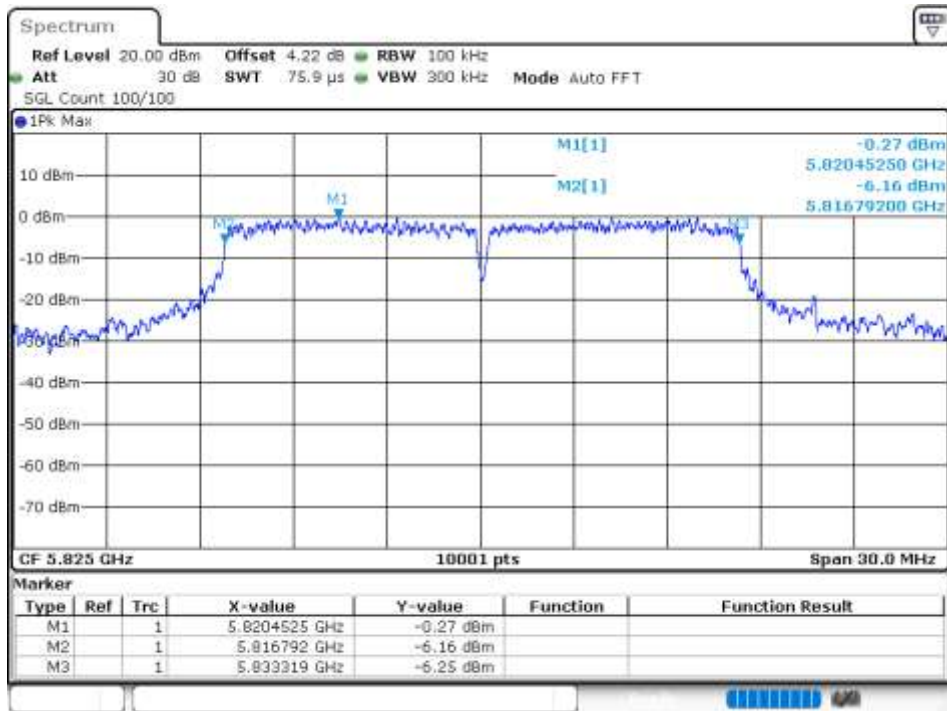
-6dB Bandwidth NVNT a 5745MHz Ant1



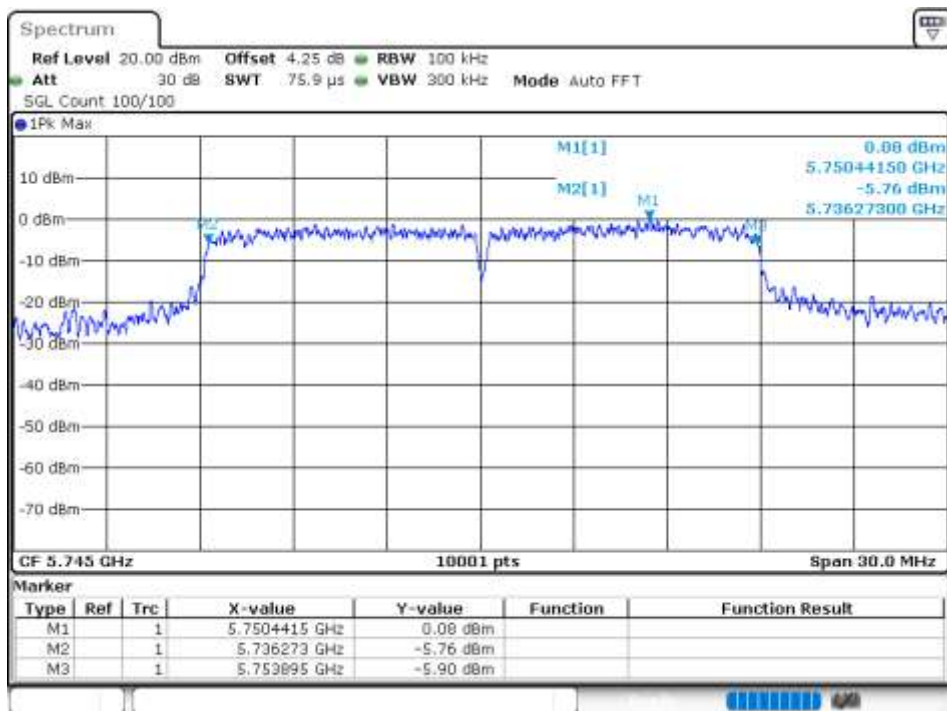
-6dB Bandwidth NVNT a 5785MHz Ant1



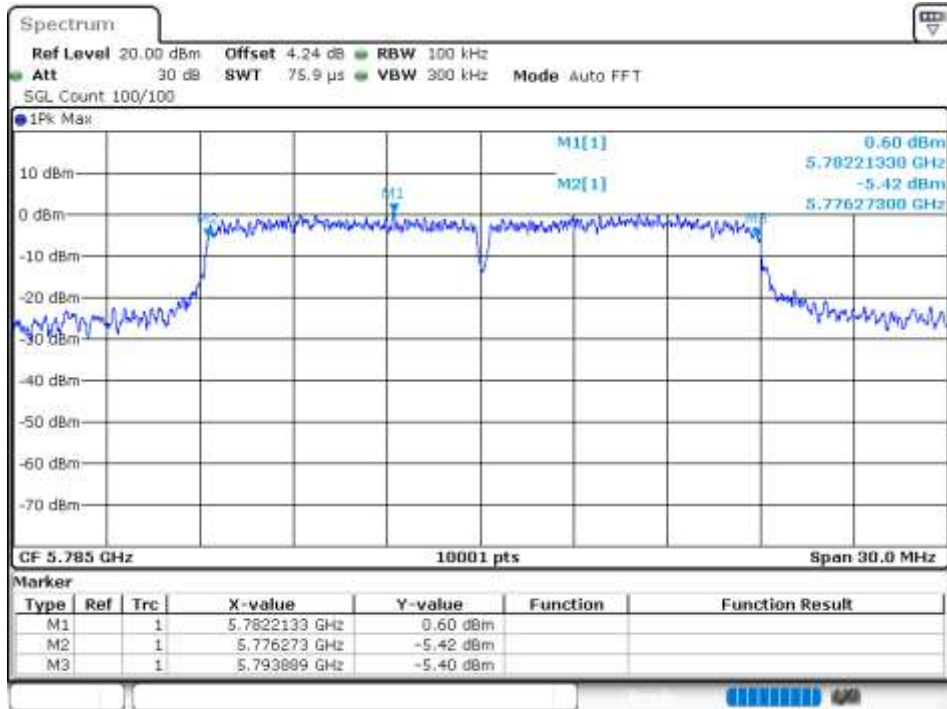
-6dB Bandwidth NVNT a 5825MHz Ant1



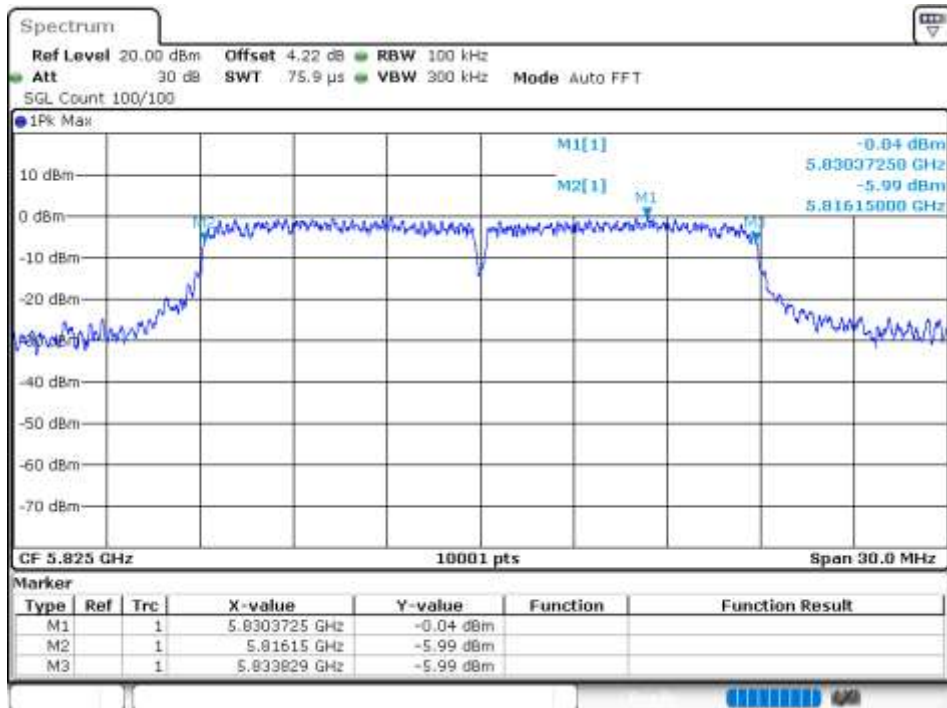
-6dB Bandwidth NVNT n20 5745MHz Ant1



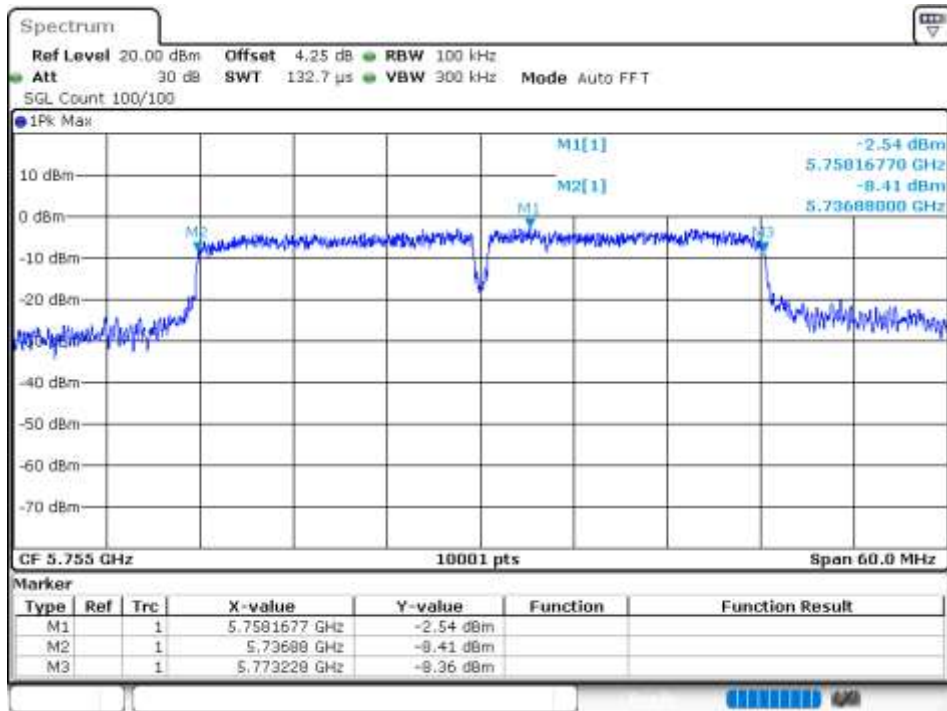
-6dB Bandwidth NVNT n20 5785MHz Ant1



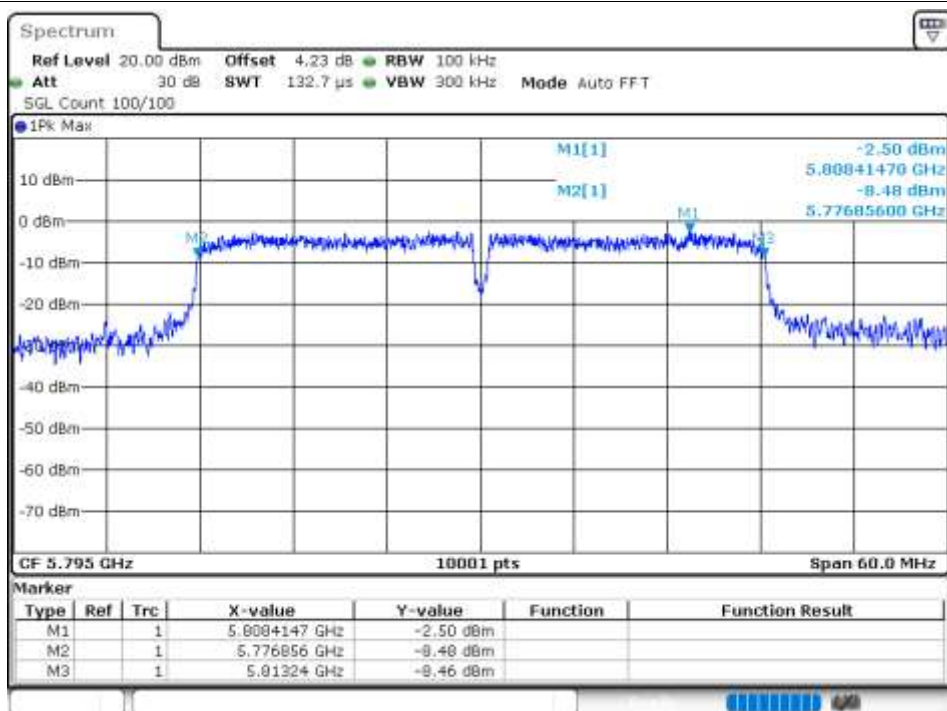
-6dB Bandwidth NVNT n20 5825MHz Ant1



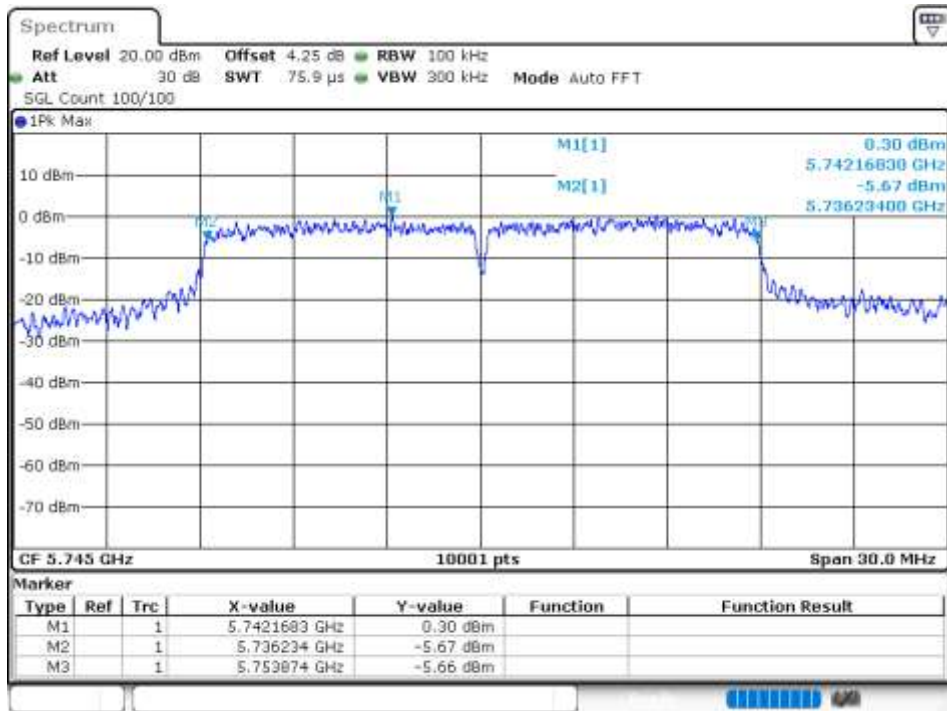
-6dB Bandwidth NVNT n40 5755MHz Ant1



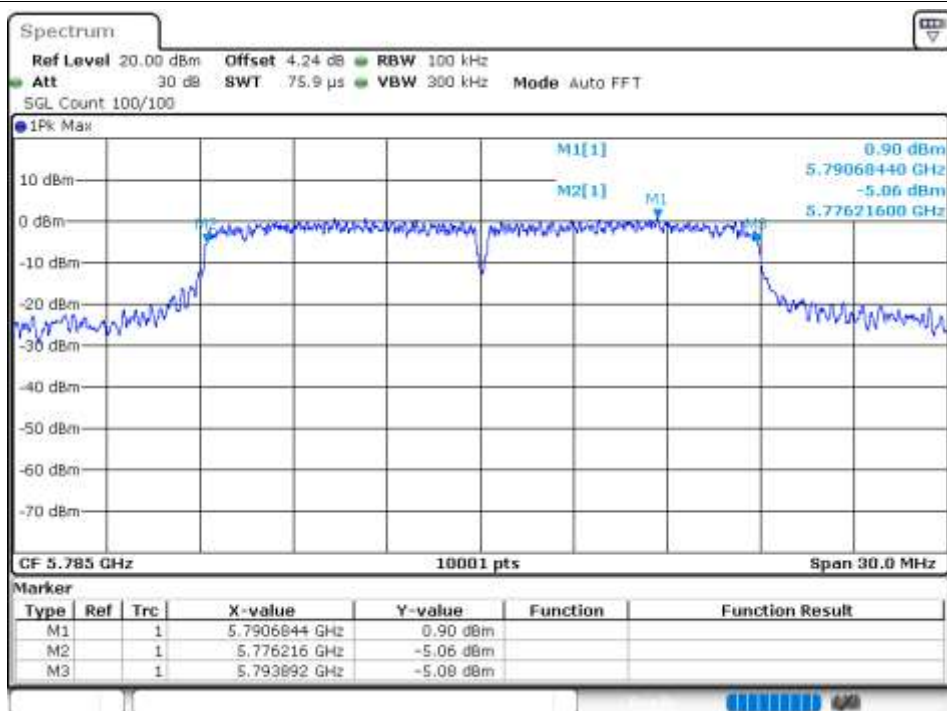
-6dB Bandwidth NVNT n40 5795MHz Ant1



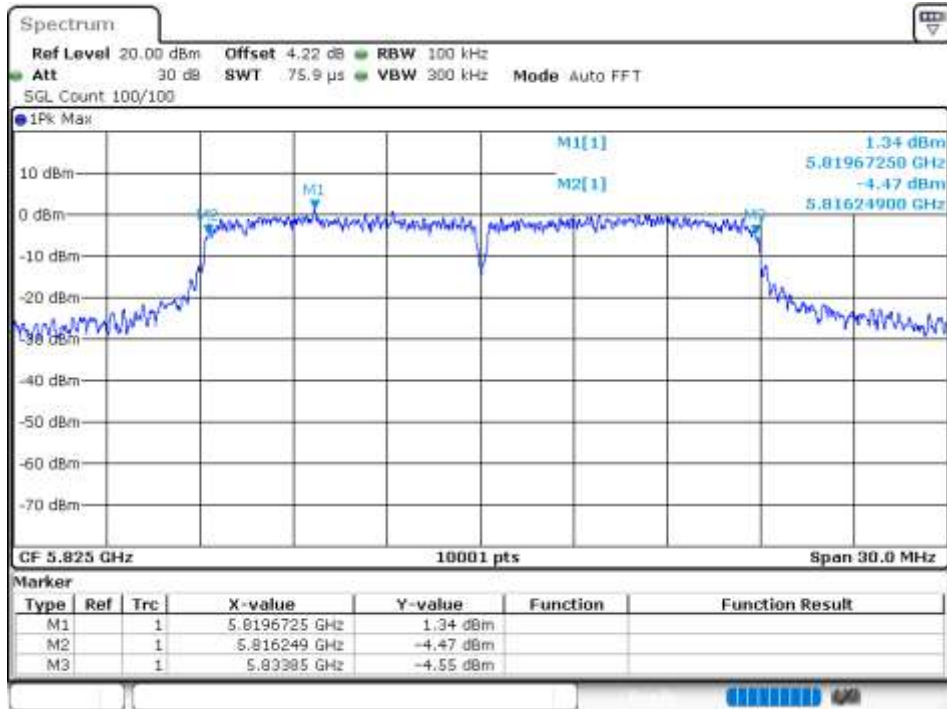
-6dB Bandwidth NVNT ac20 5745MHz Ant1



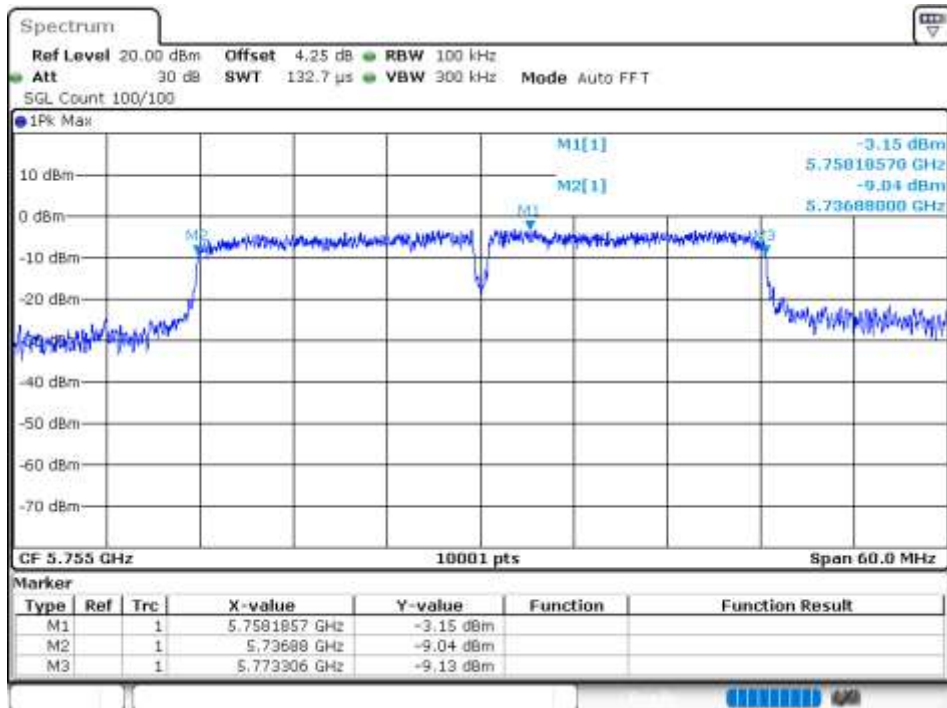
-6dB Bandwidth NVNT ac20 5785MHz Ant1



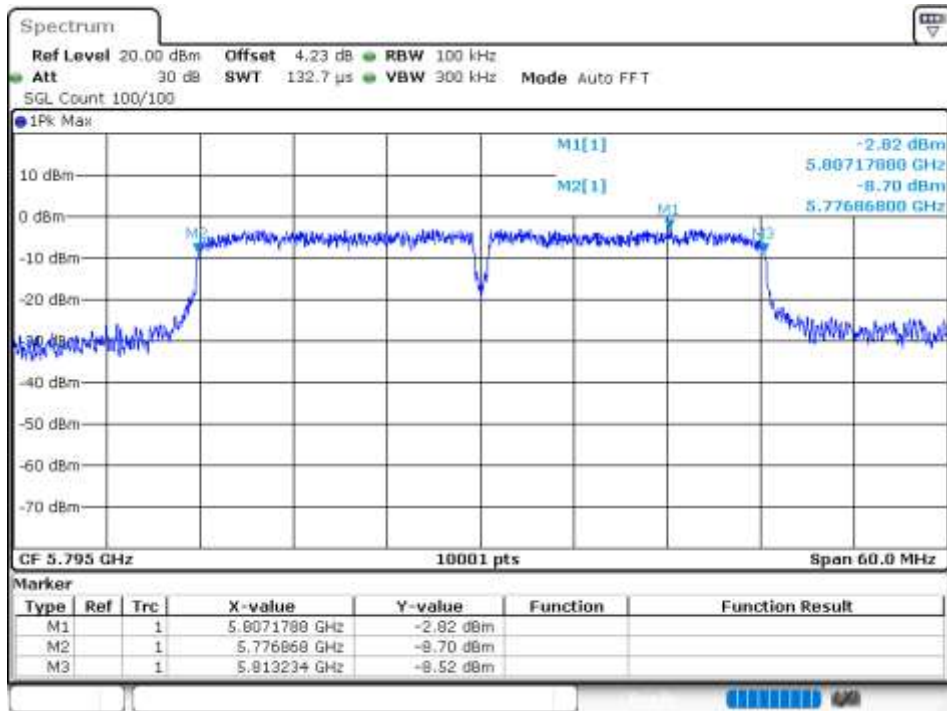
-6dB Bandwidth NVNT ac20 5825MHz Ant1



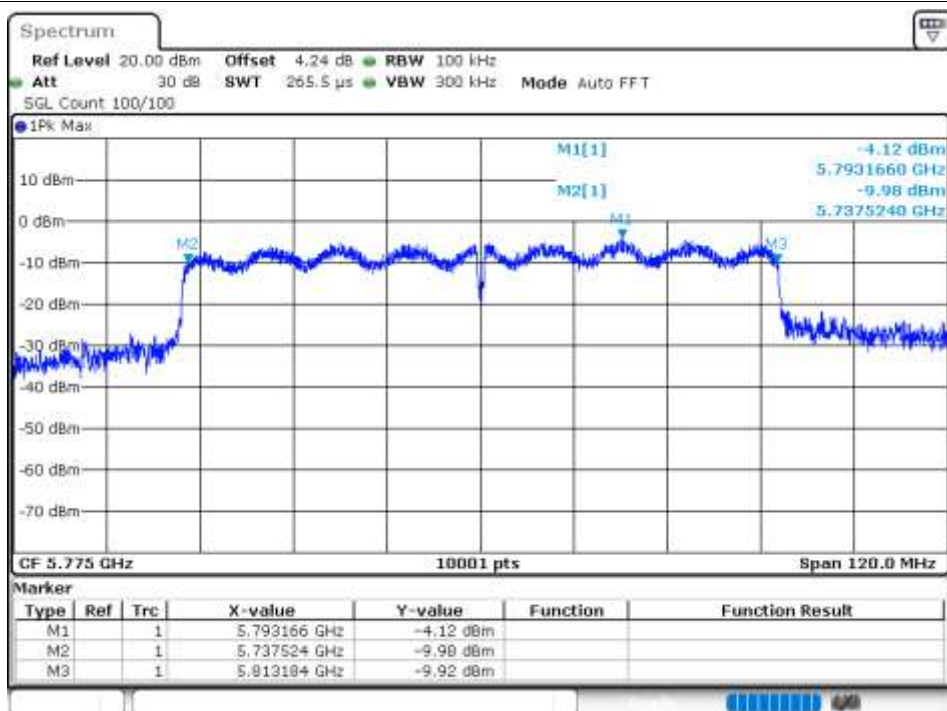
-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1

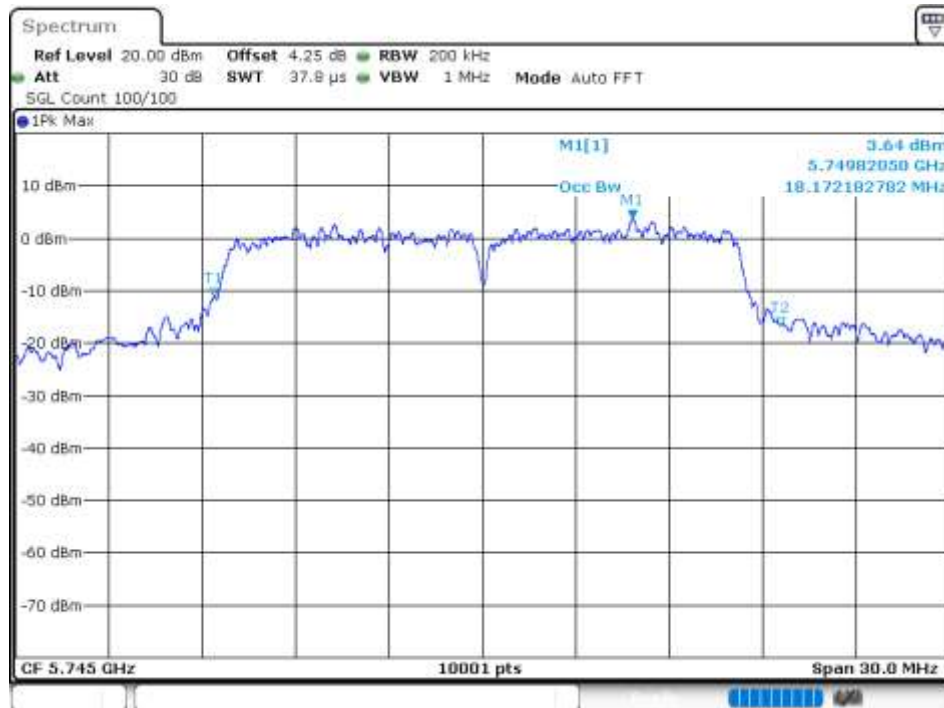


Occupied Channel Bandwidth

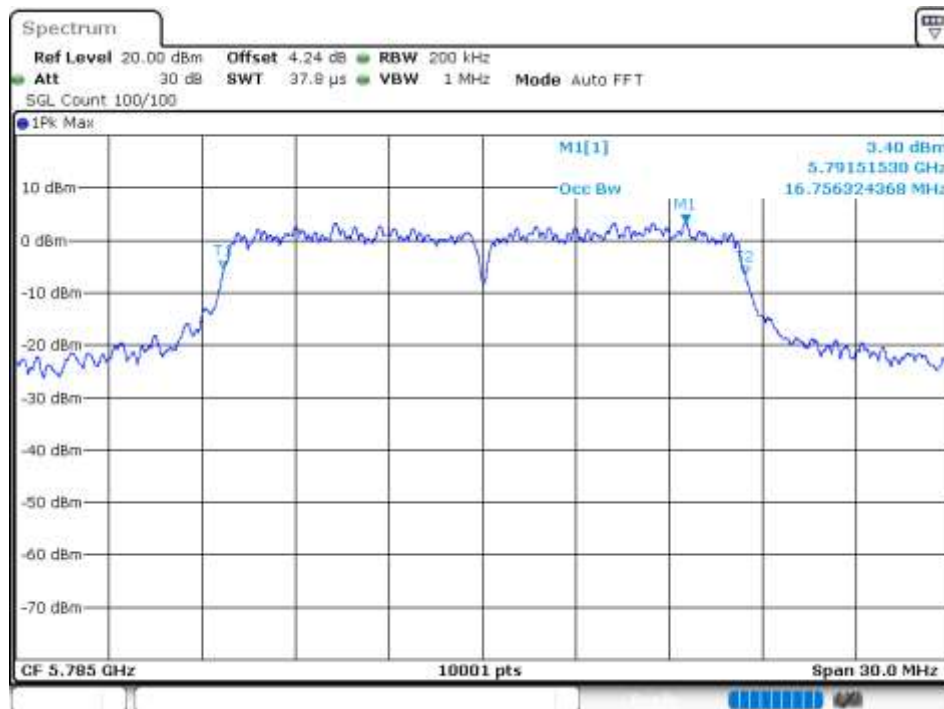
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	18.172
NVNT	a	5785	Ant1	16.756
NVNT	a	5825	Ant1	16.687
NVNT	n20	5745	Ant1	18.94
NVNT	n20	5785	Ant1	17.938
NVNT	n20	5825	Ant1	17.752
NVNT	n40	5755	Ant1	37.346
NVNT	n40	5795	Ant1	36.68
NVNT	ac20	5745	Ant1	18.748
NVNT	ac20	5785	Ant1	17.884
NVNT	ac20	5825	Ant1	17.794
NVNT	ac40	5755	Ant1	37.376
NVNT	ac40	5795	Ant1	36.602
NVNT	ac80	5775	Ant1	76.24

Test Graphs

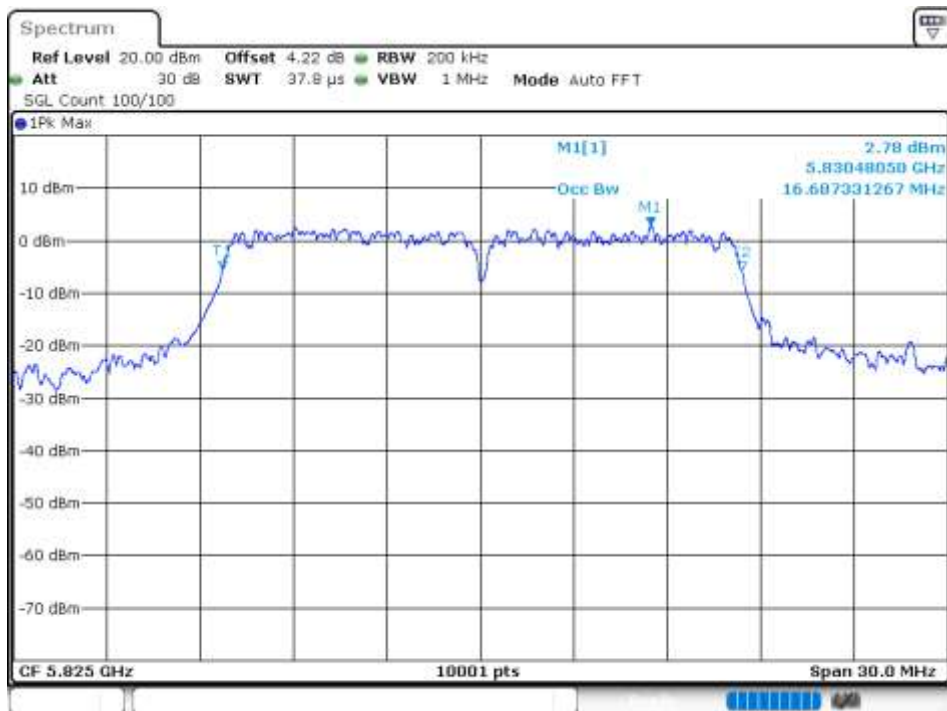
OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1



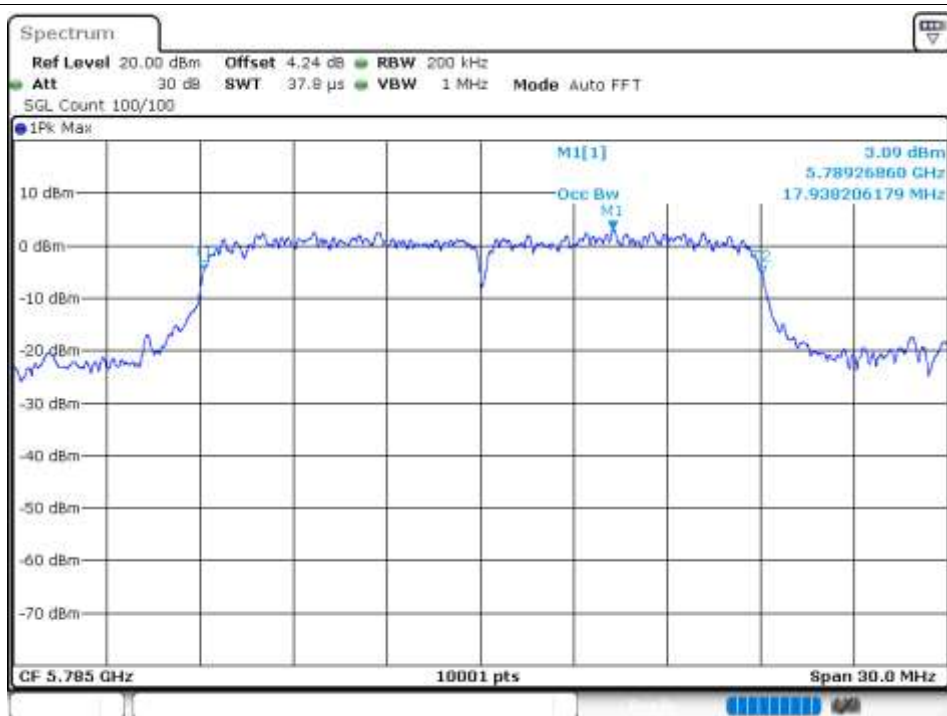
OBW NVNT a 5825MHz Ant1



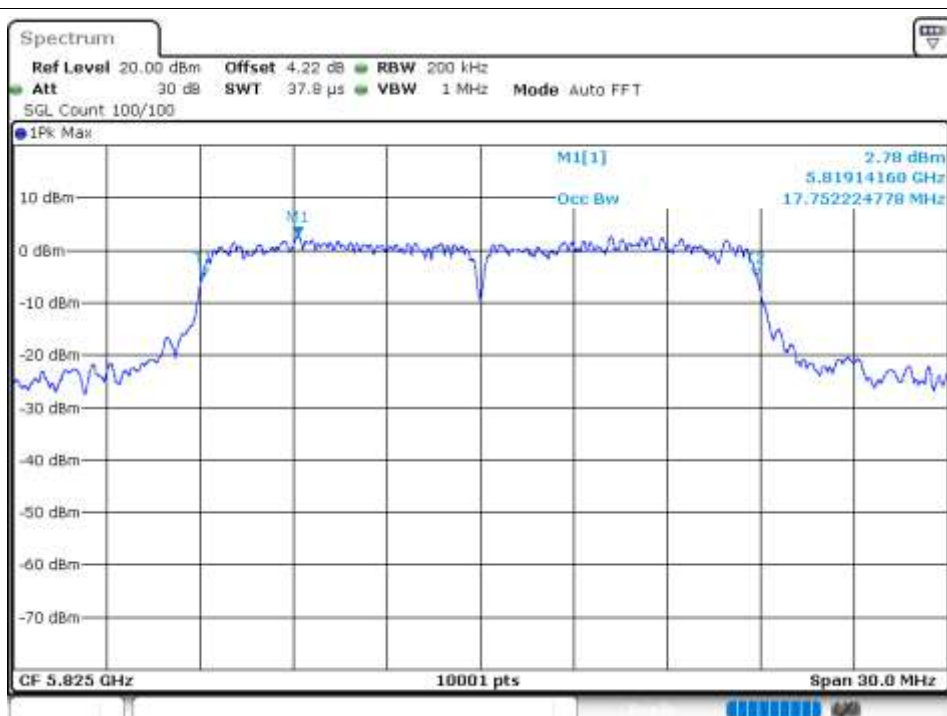
OBW NVNT n20 5745MHz Ant1



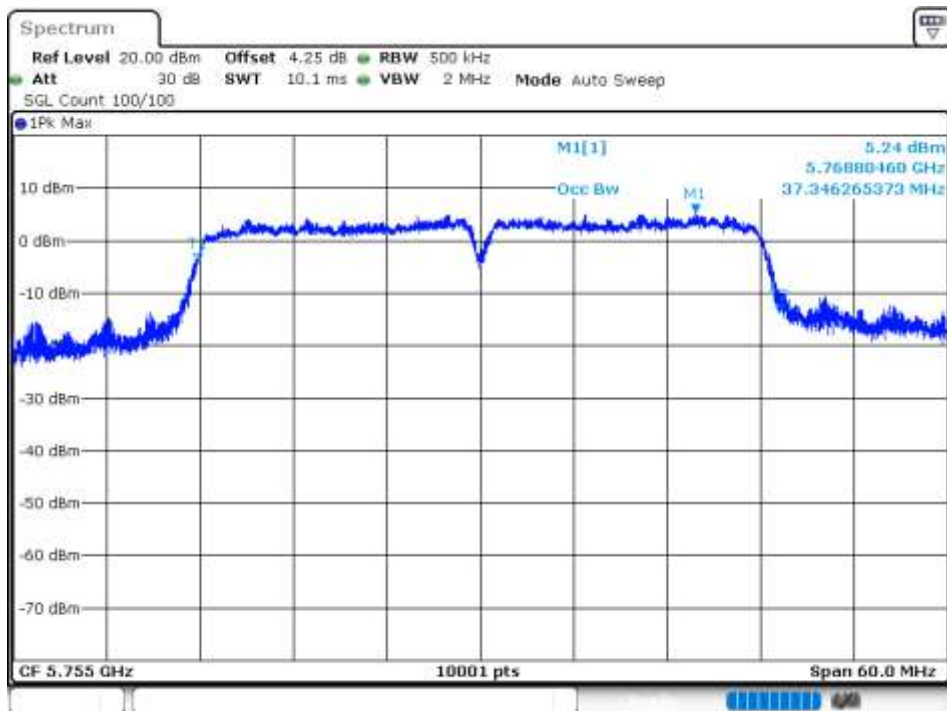
OBW NVNT n20 5785MHz Ant1



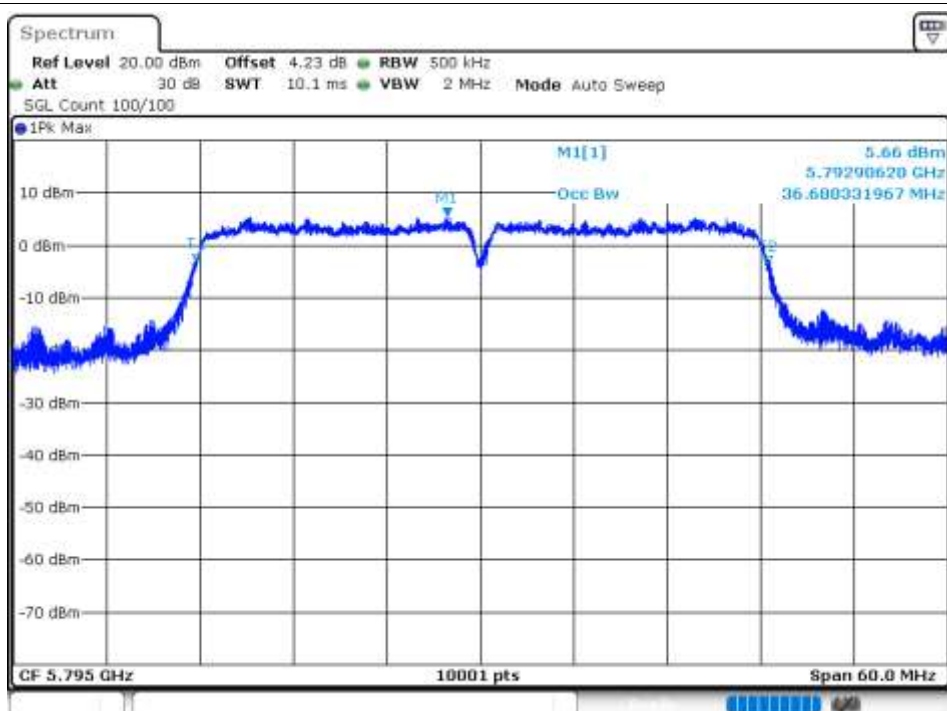
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



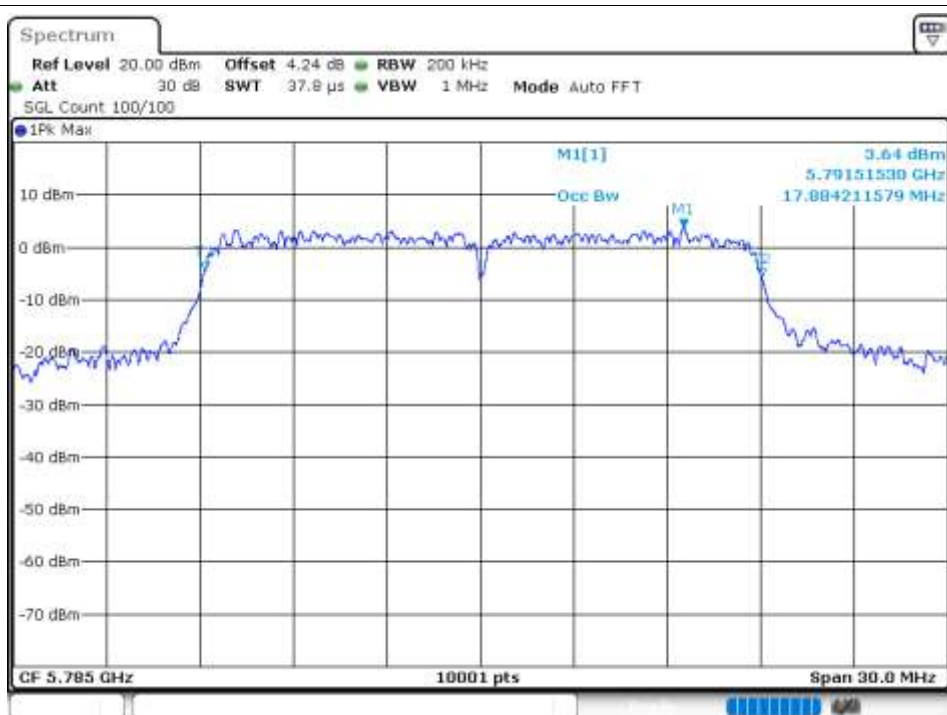
OBW NVNT n40 5795MHz Ant1



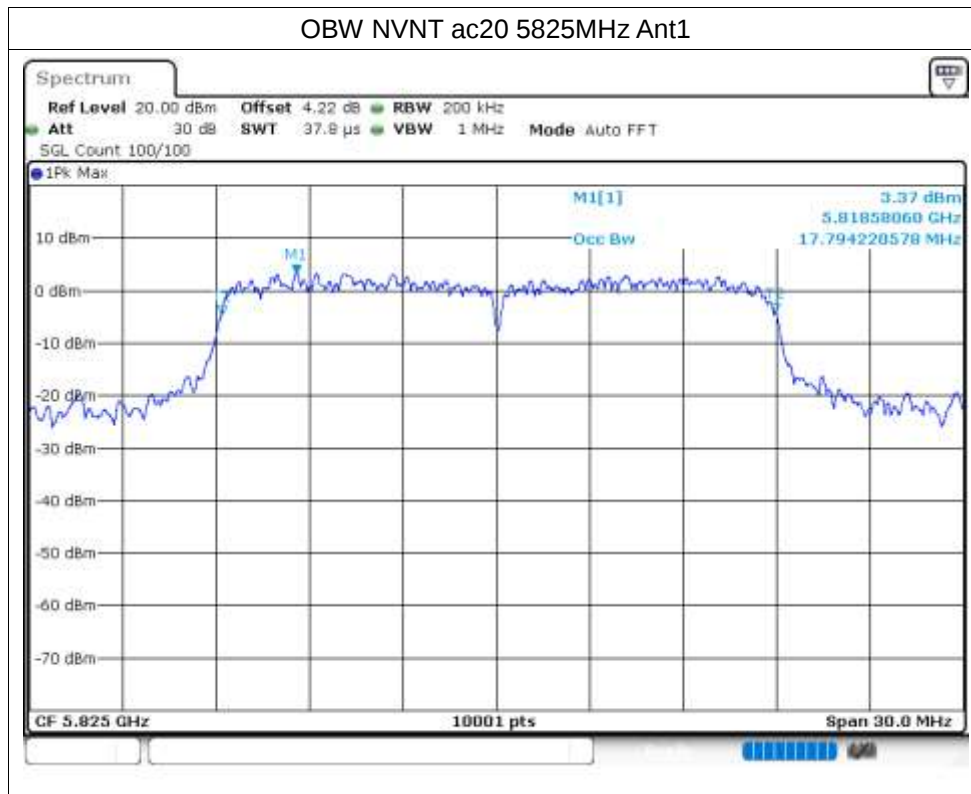
OBW NVNT ac20 5745MHz Ant1



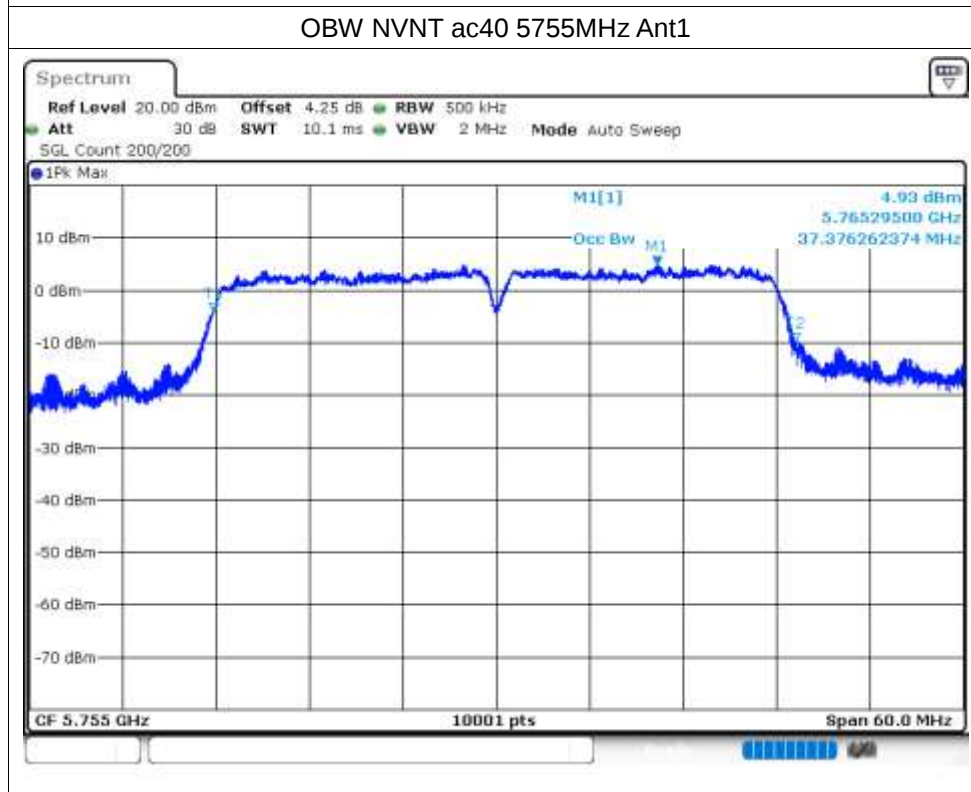
OBW NVNT ac20 5785MHz Ant1



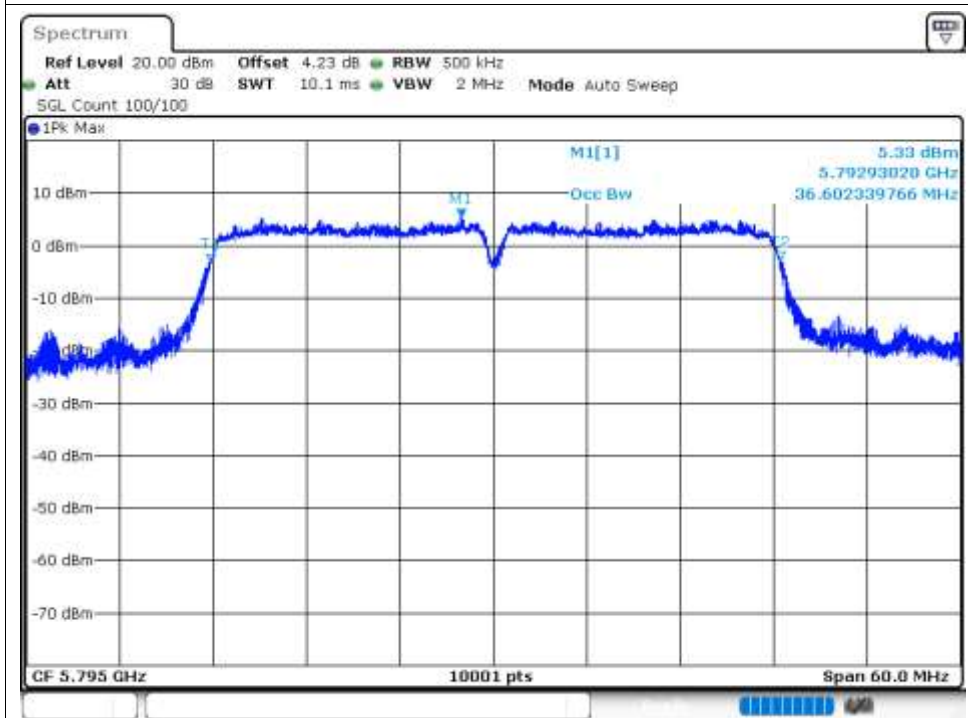
OBW NVNT ac20 5825MHz Ant1



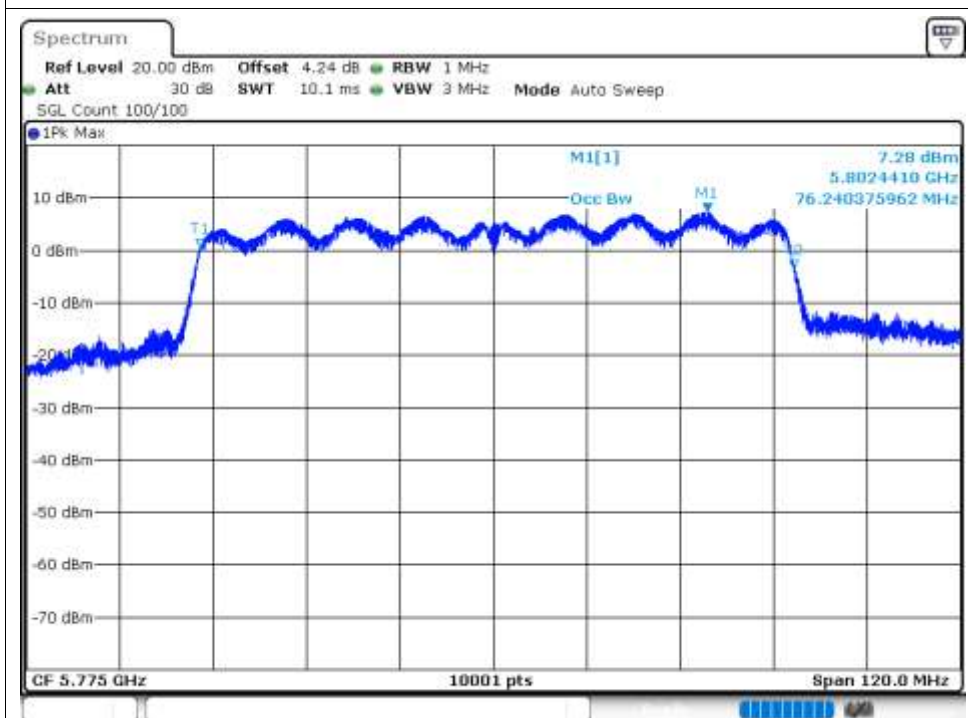
OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac80 5775MHz Ant1

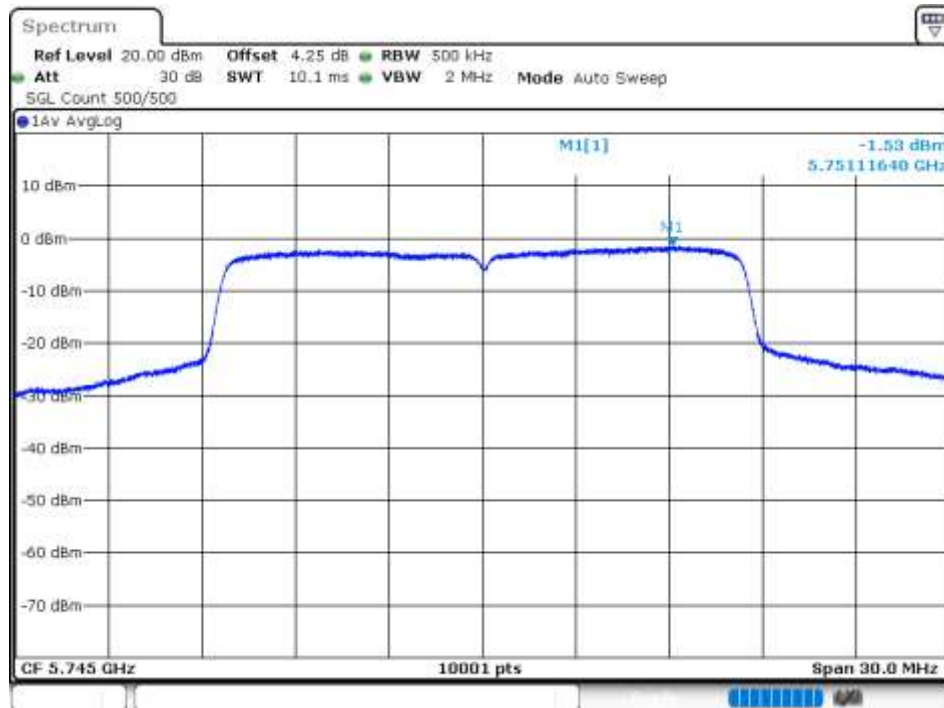


Maximum Power Spectral Density Level

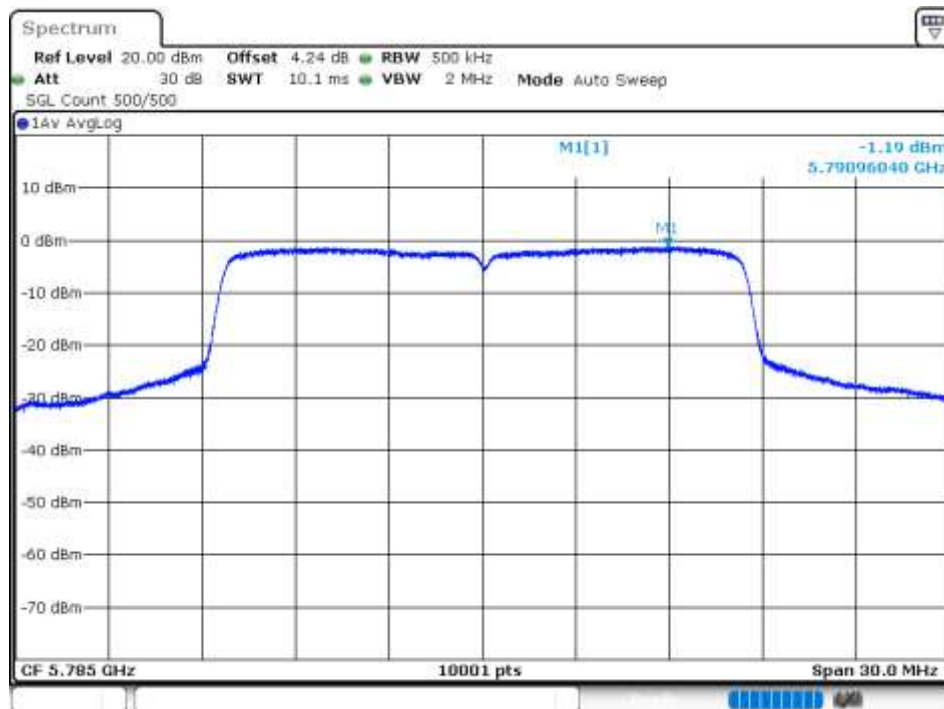
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-1.53	0	-1.53	30	Pass
NVNT	a	5785	Ant1	-1.19	0	-1.19	30	Pass
NVNT	a	5825	Ant1	-1.19	0	-1.19	30	Pass
NVNT	n20	5745	Ant1	-1.7	0	-1.7	30	Pass
NVNT	n20	5785	Ant1	-1.22	0	-1.22	30	Pass
NVNT	n20	5825	Ant1	-1.44	0	-1.44	30	Pass
NVNT	n40	5755	Ant1	-4.08	0	-4.08	30	Pass
NVNT	n40	5795	Ant1	-3.82	0	-3.82	30	Pass
NVNT	ac20	5745	Ant1	-1.09	0	-1.09	30	Pass
NVNT	ac20	5785	Ant1	-0.18	0	-0.18	30	Pass
NVNT	ac20	5825	Ant1	-0.68	0	-0.68	30	Pass
NVNT	ac40	5755	Ant1	-4.22	0	-4.22	30	Pass
NVNT	ac40	5795	Ant1	-4.09	0	-4.09	30	Pass
NVNT	ac80	5775	Ant1	-5.48	0	-5.48	30	Pass

Test Graphs

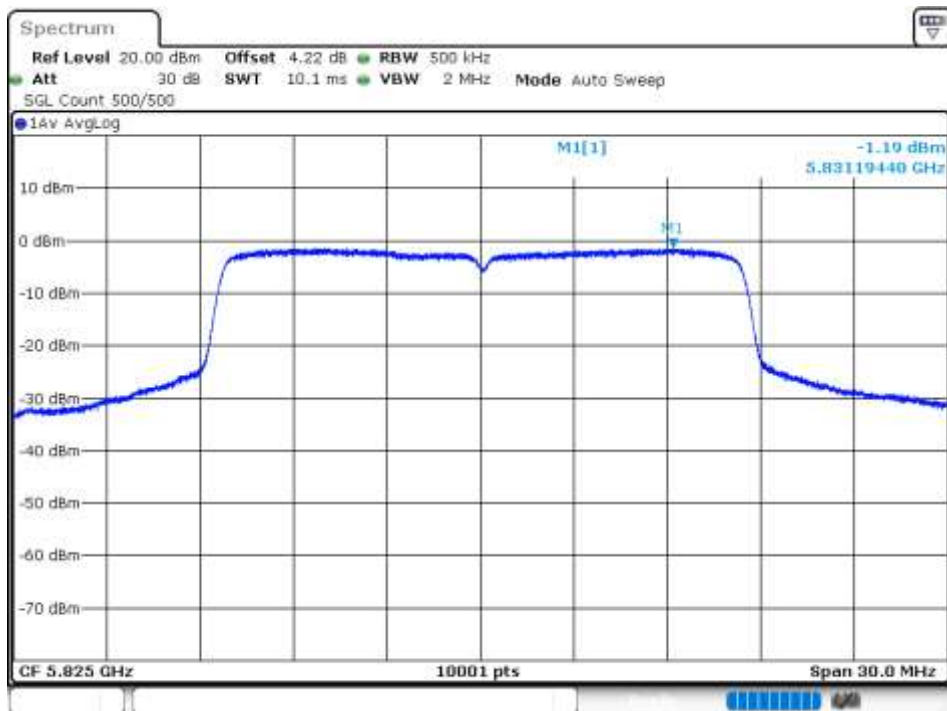
PSD NVNT a 5745MHz Ant1



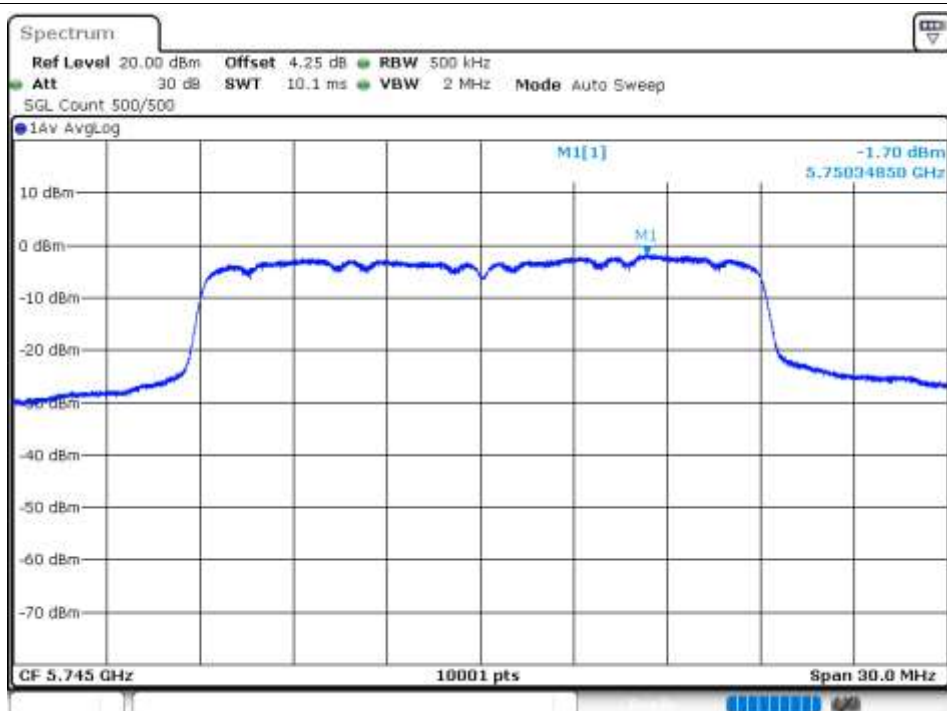
PSD NVNT a 5785MHz Ant1



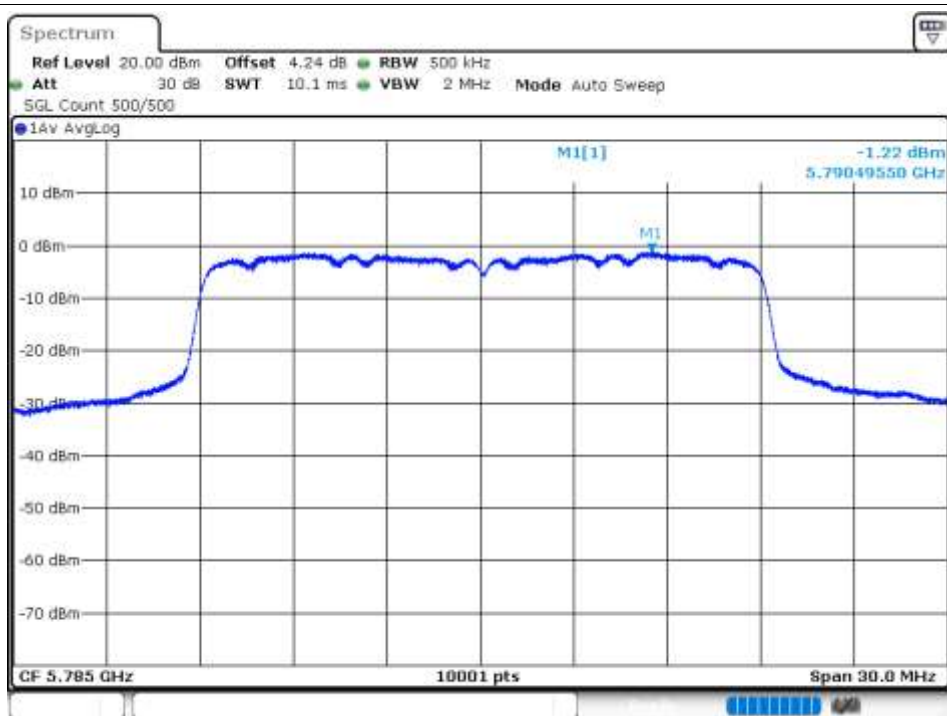
PSD NVNT a 5825MHz Ant1



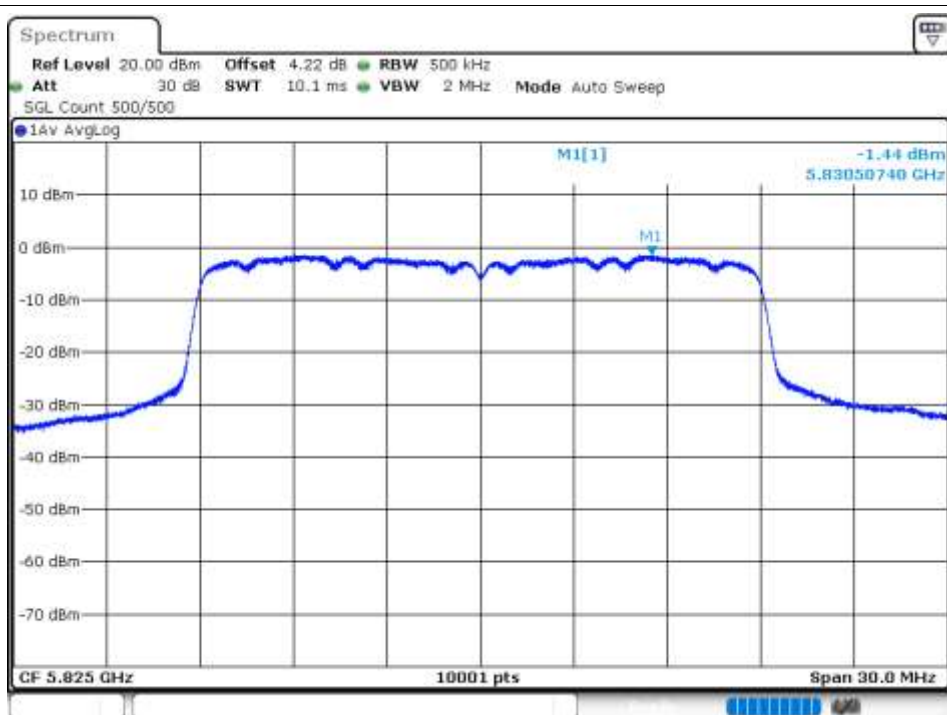
PSD NVNT n20 5745MHz Ant1



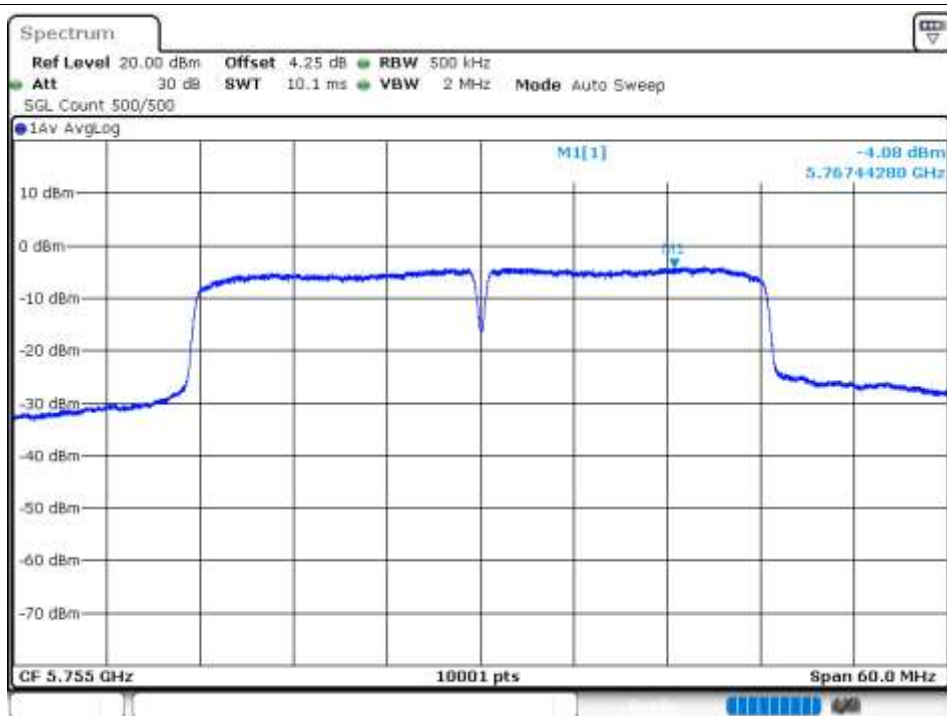
PSD NVNT n20 5785MHz Ant1



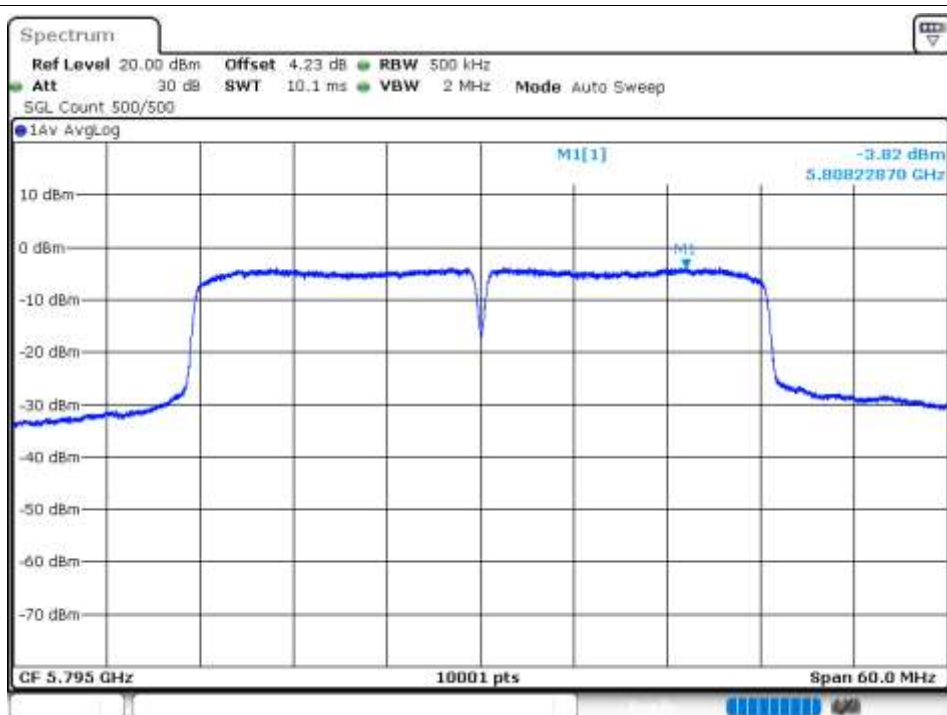
PSD NVNT n20 5825MHz Ant1



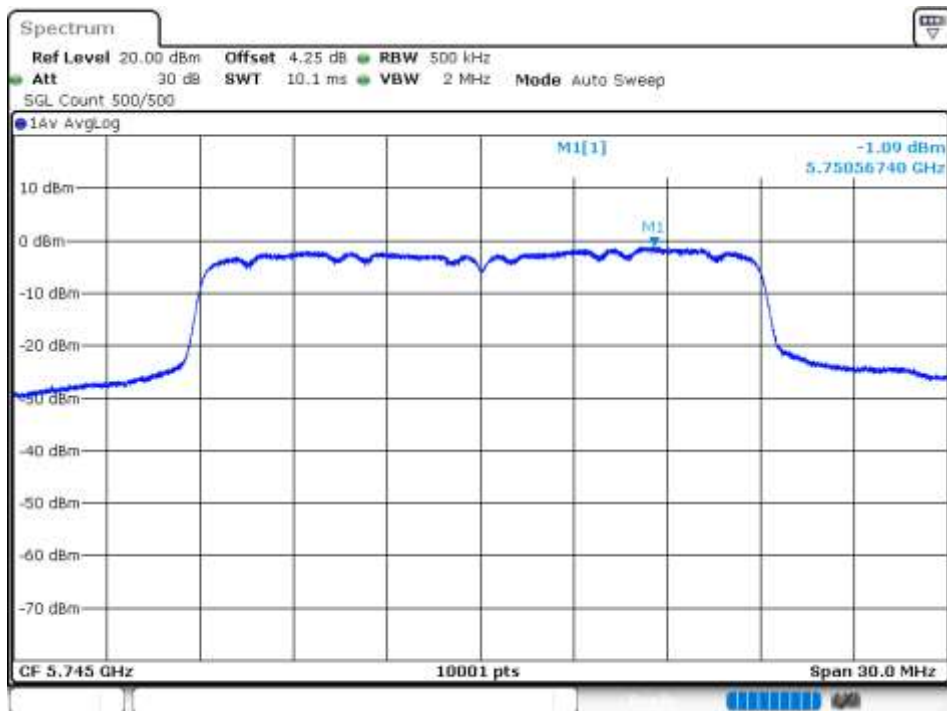
PSD NVNT n40 5755MHz Ant1



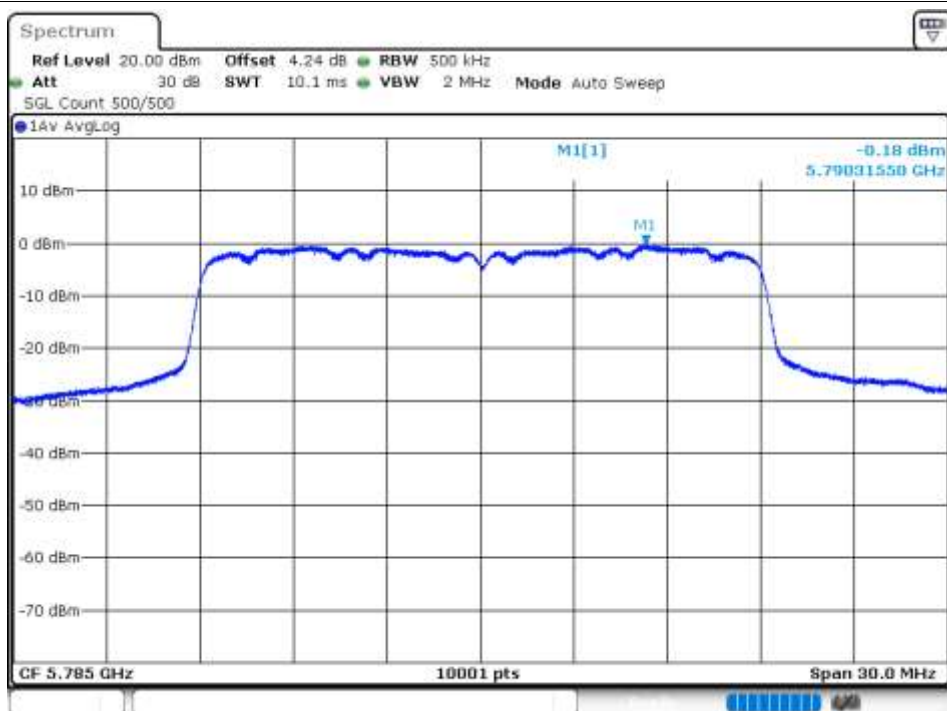
PSD NVNT n40 5795MHz Ant1



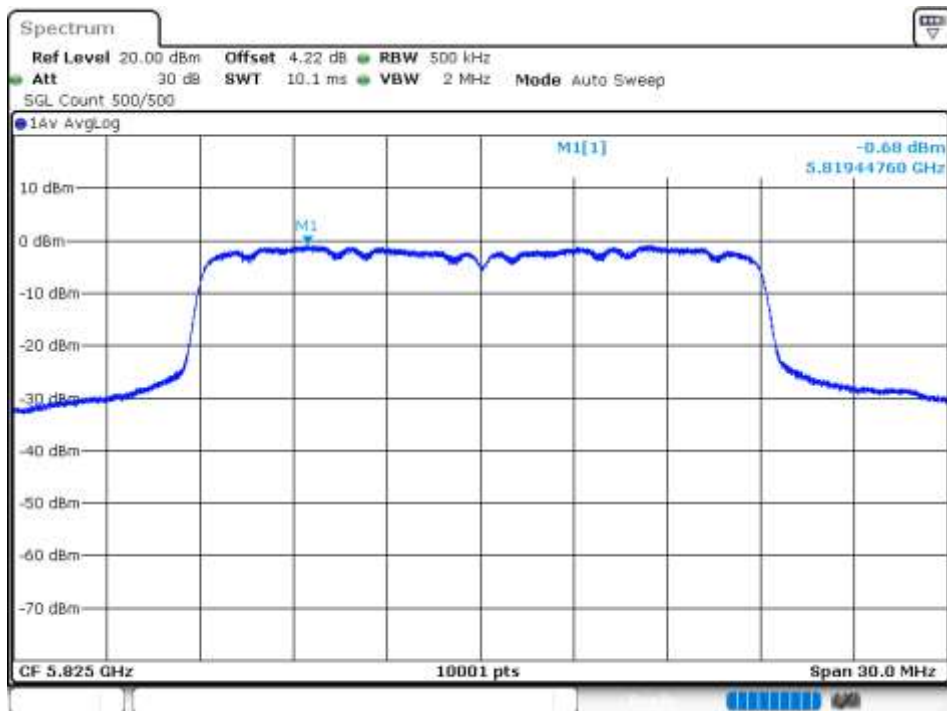
PSD NVNT ac20 5745MHz Ant1



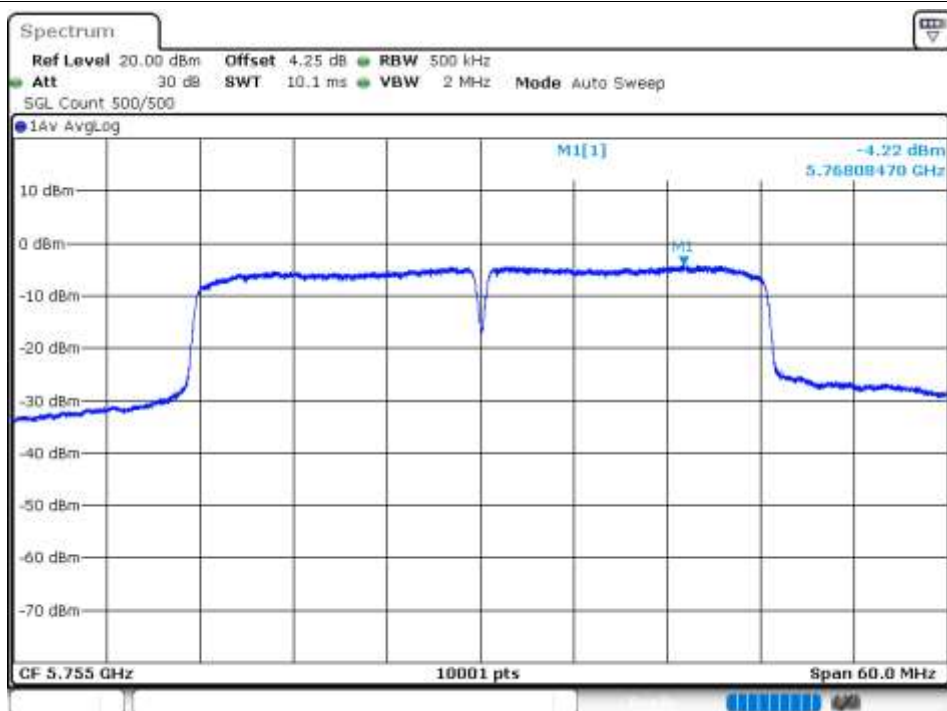
PSD NVNT ac20 5785MHz Ant1



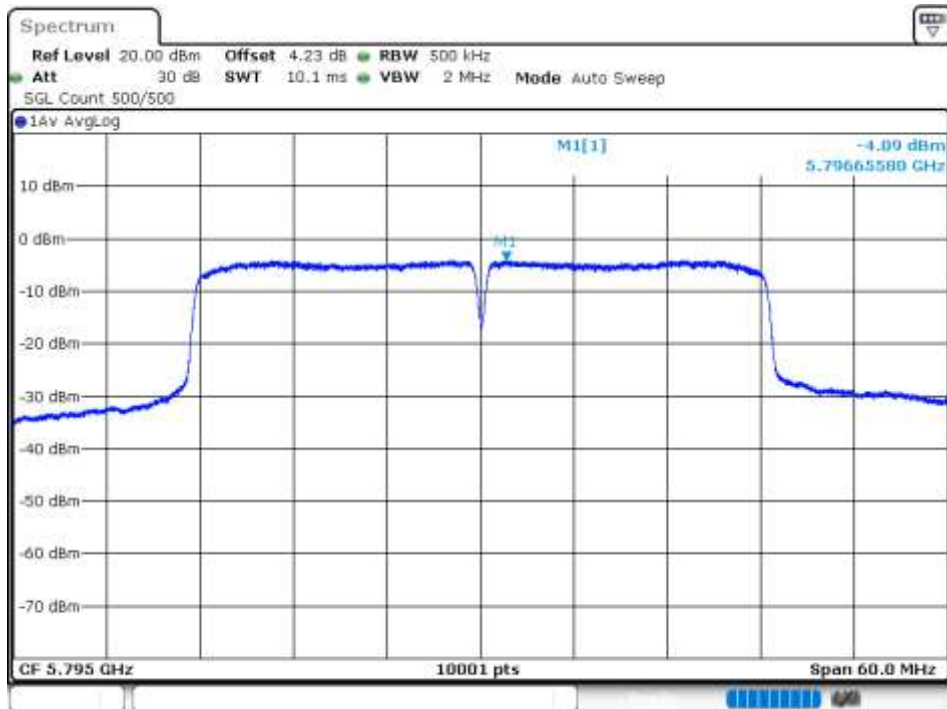
PSD NVNT ac20 5825MHz Ant1



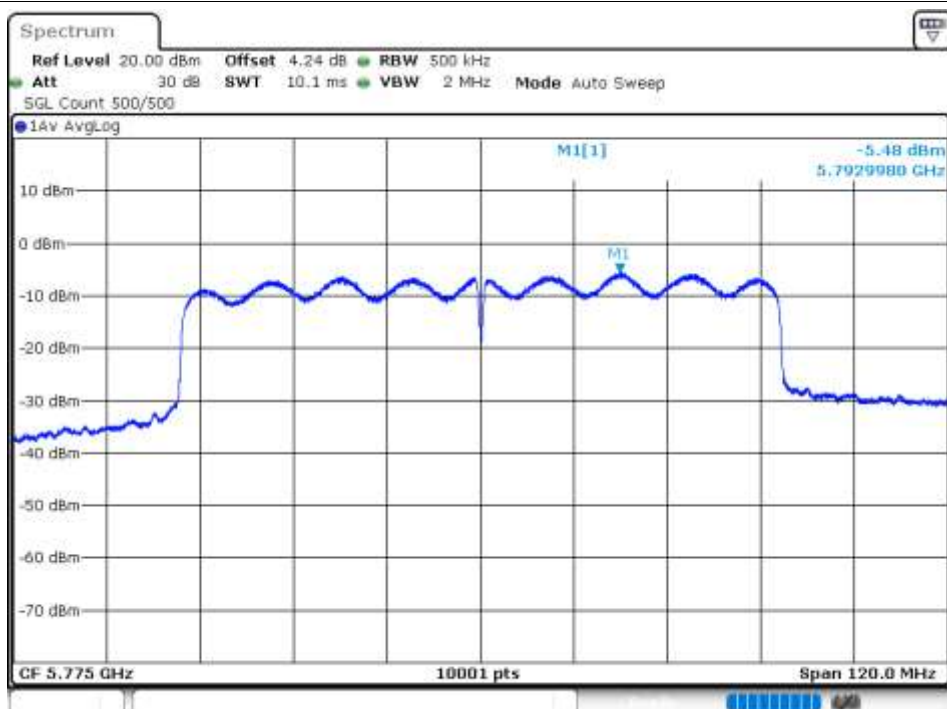
PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1



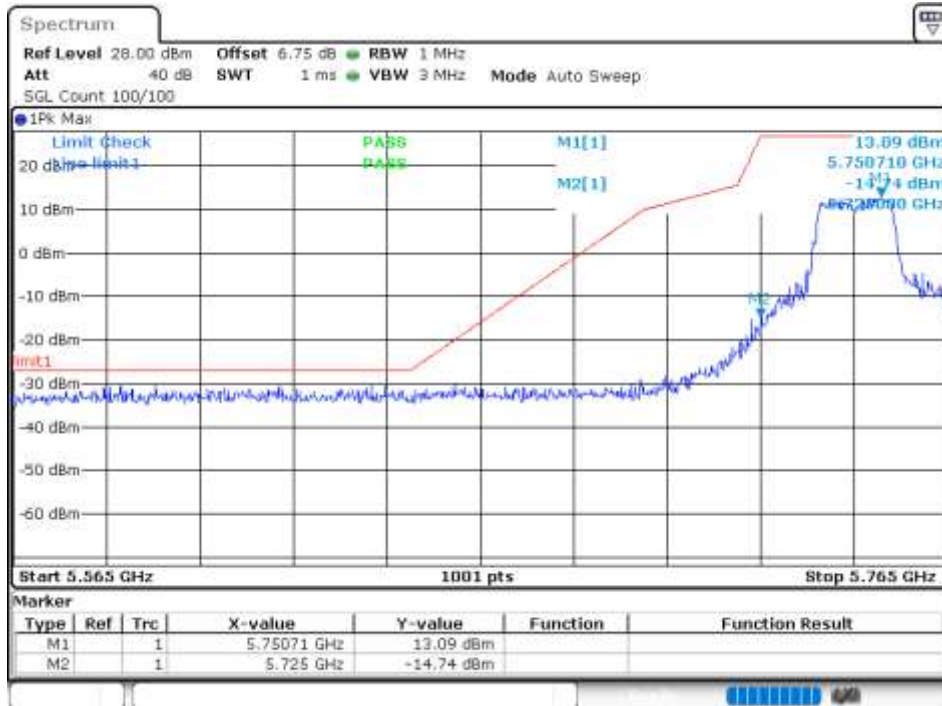
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-14.74		Pass
NVNT	a	5825	Ant1	-23.79		Pass
NVNT	n20	5745	Ant1	-10.8		Pass
NVNT	n20	5825	Ant1	-22.89		Pass
NVNT	n40	5755	Ant1	-12.52		Pass
NVNT	n40	5795	Ant1	-26.07		Pass
NVNT	ac20	5745	Ant1	-11.9		Pass
NVNT	ac20	5825	Ant1	-22.59		Pass
NVNT	ac40	5755	Ant1	-13.63		Pass
NVNT	ac40	5795	Ant1	-23.75		Pass
NVNT	ac80	5775	Ant1	-12.18		Pass

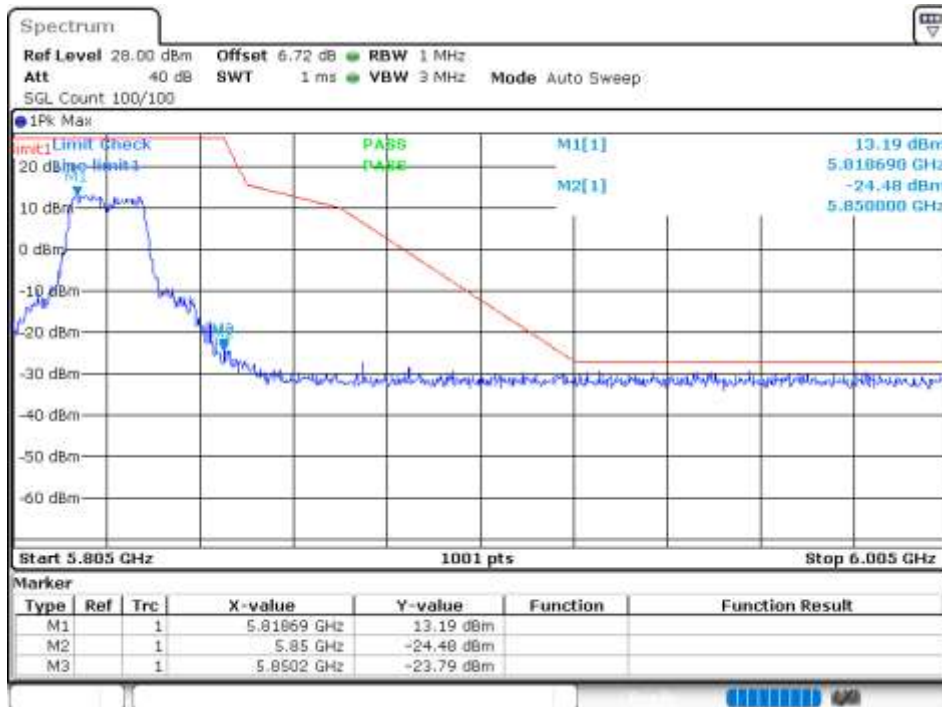
Note: This test has increased antenna gain .

Test Graphs

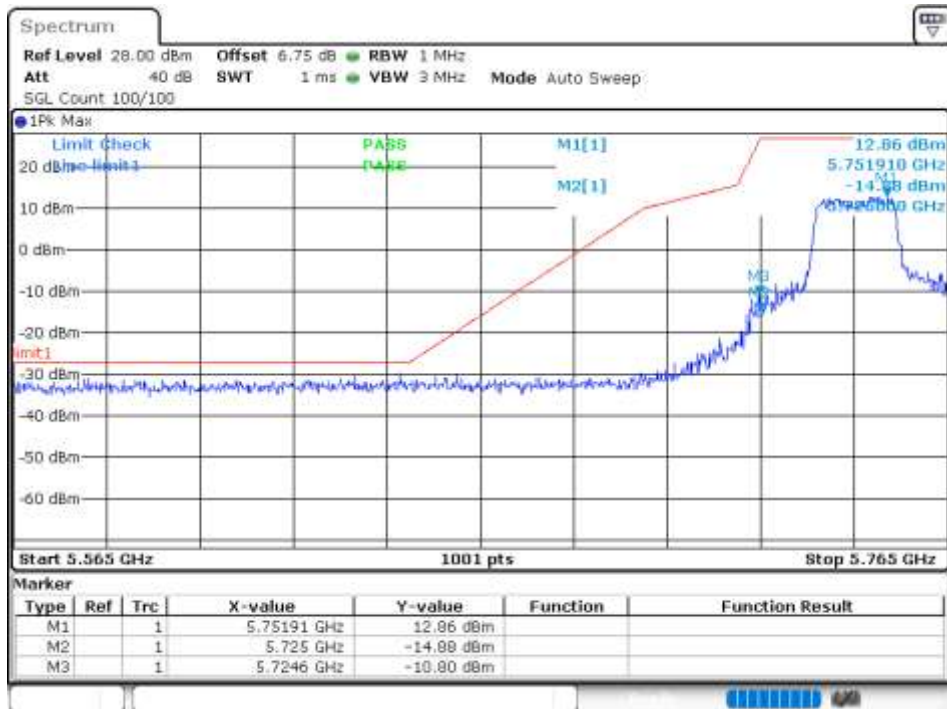
Band Edge NVNT a 5745MHz Low Ant1



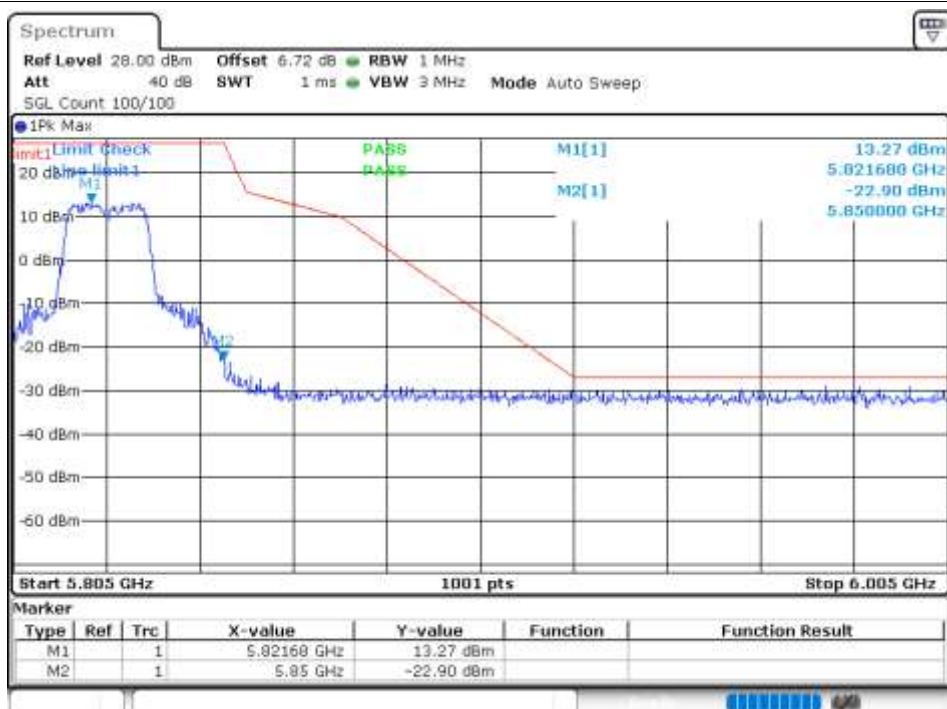
Band Edge NVNT a 5825MHz High Ant1



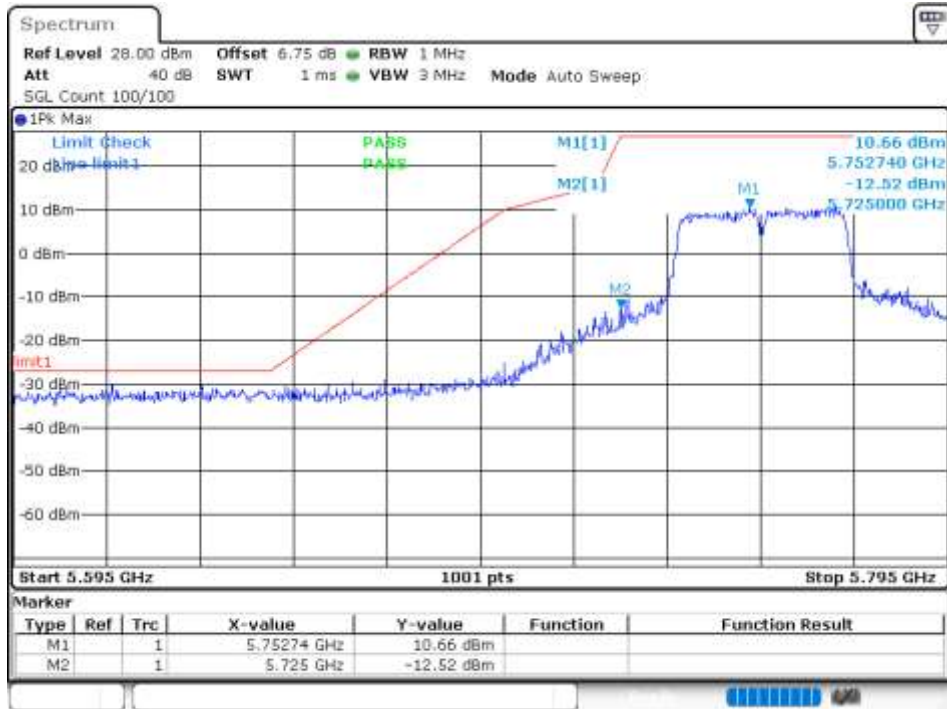
Band Edge NVNT n20 5745MHz Low Ant1



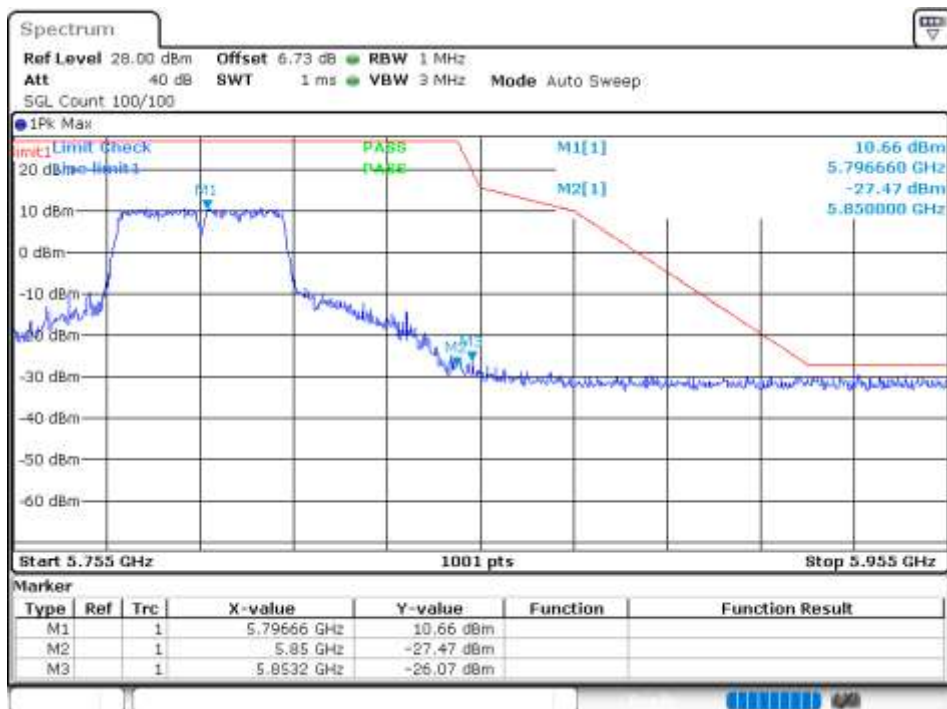
Band Edge NVNT n20 5825MHz High Ant1



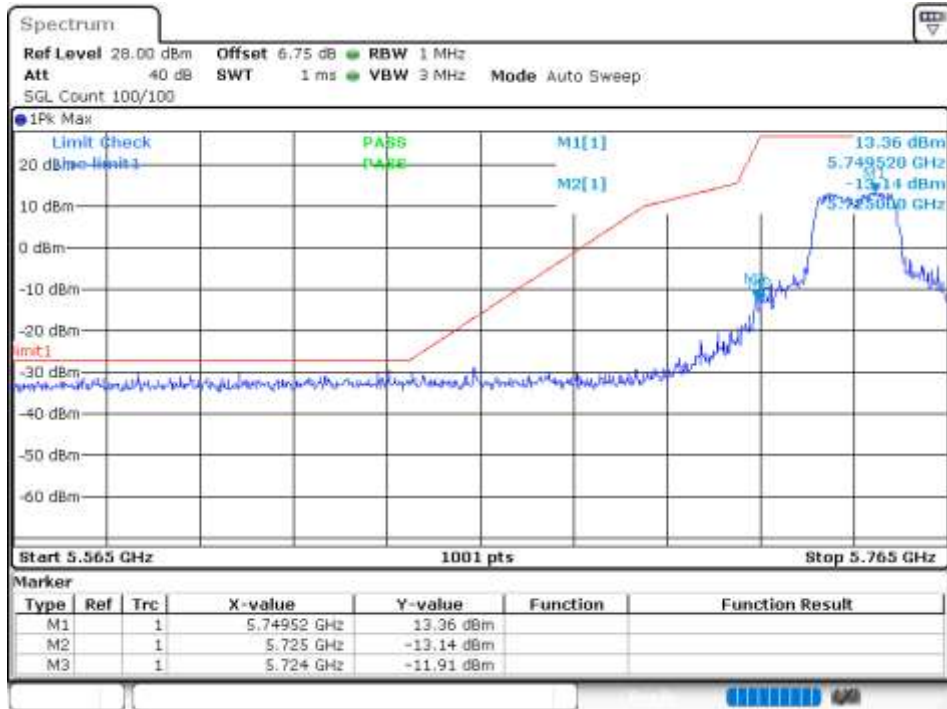
Band Edge NVNT n40 5755MHz Low Ant1



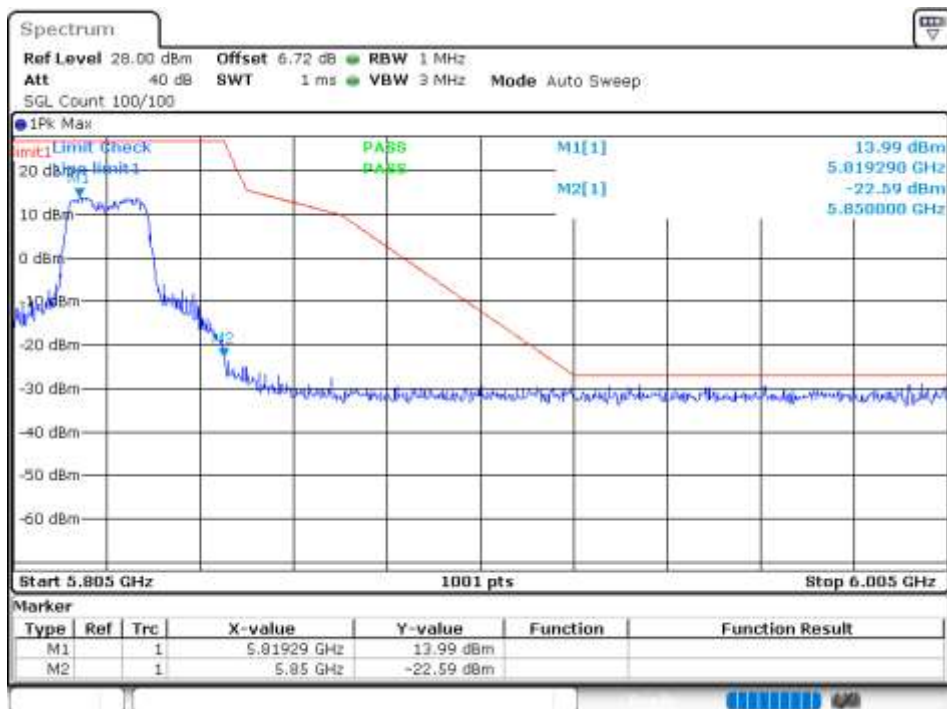
Band Edge NVNT n40 5795MHz High Ant1



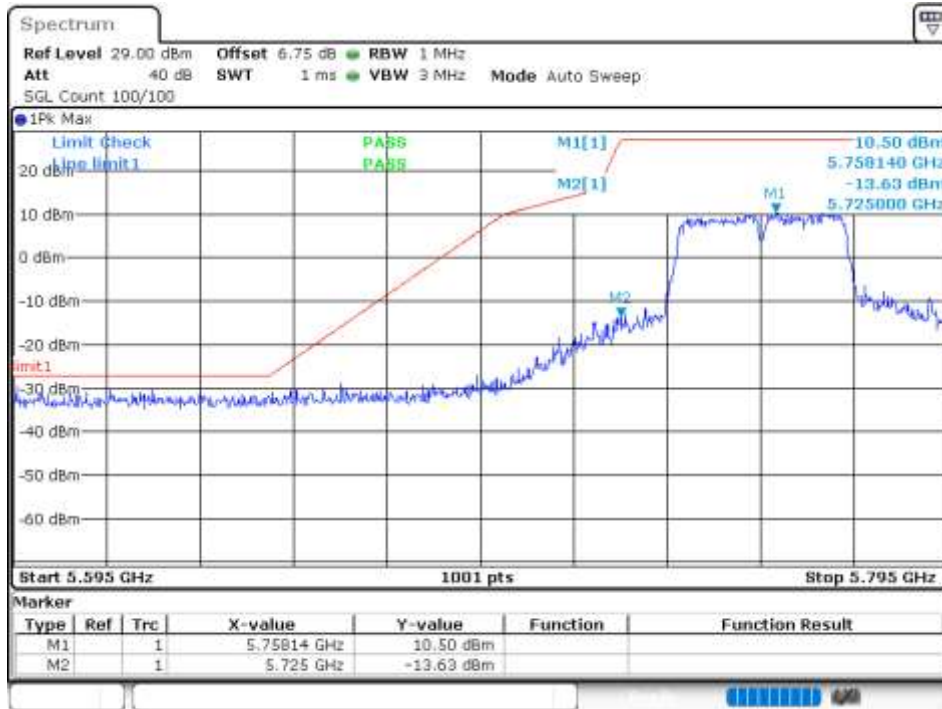
Band Edge NVNT ac20 5745MHz Low Ant1



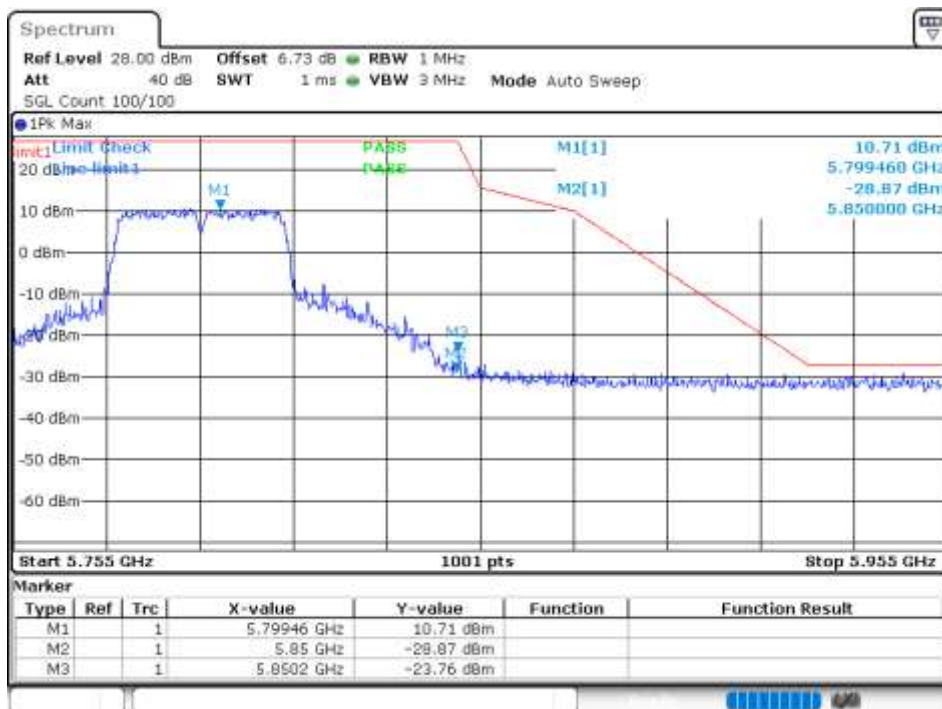
Band Edge NVNT ac20 5825MHz High Ant1

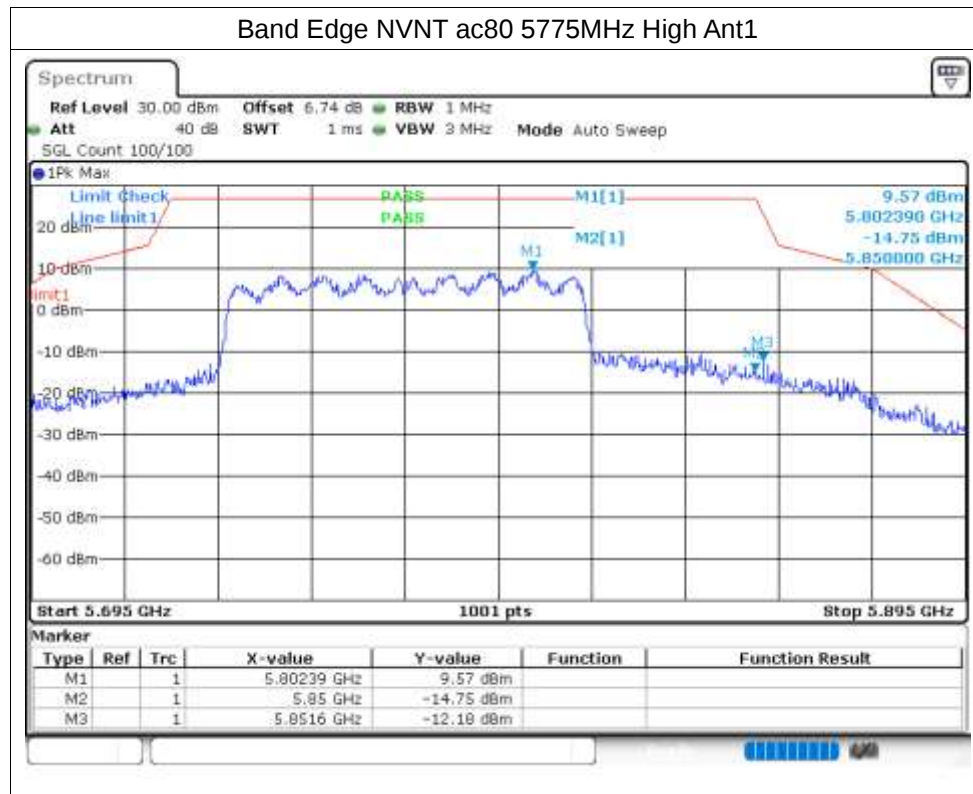


Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1





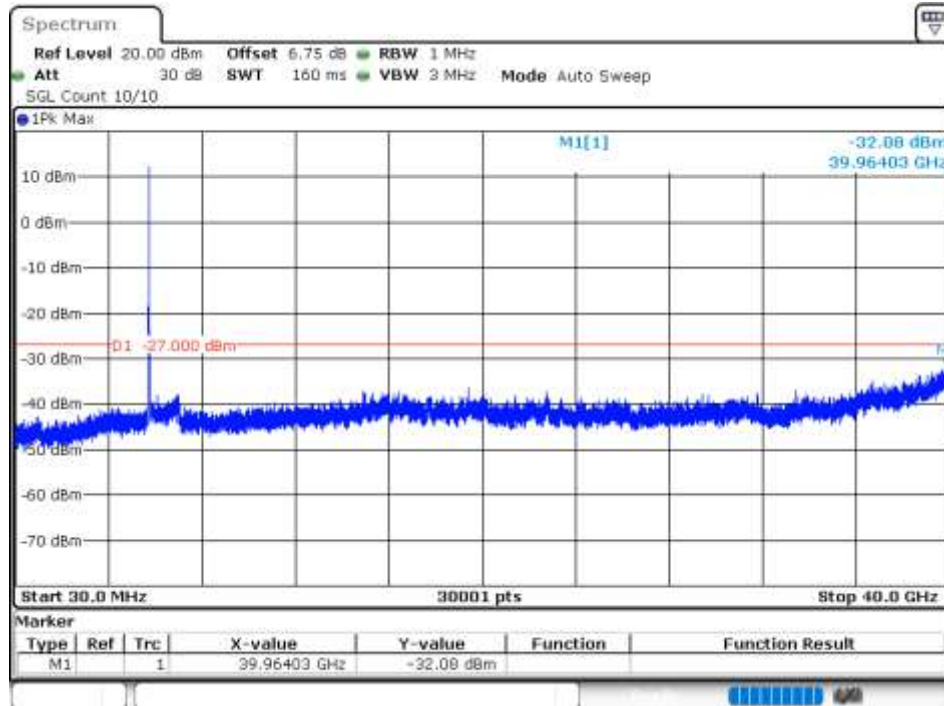
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-32.08	-27	Pass
NVNT	a	5785	Ant1	-32.03	-27	Pass
NVNT	a	5825	Ant1	-31.84	-27	Pass
NVNT	n20	5745	Ant1	-31.2	-27	Pass
NVNT	n20	5785	Ant1	-32.09	-27	Pass
NVNT	n20	5825	Ant1	-32.02	-27	Pass
NVNT	n40	5755	Ant1	-31.77	-27	Pass
NVNT	n40	5795	Ant1	-31.6	-27	Pass
NVNT	ac20	5745	Ant1	-31.33	-27	Pass
NVNT	ac20	5785	Ant1	-30.95	-27	Pass
NVNT	ac20	5825	Ant1	-32.06	-27	Pass
NVNT	ac40	5755	Ant1	-32.45	-27	Pass
NVNT	ac40	5795	Ant1	-31.6	-27	Pass
NVNT	ac80	5775	Ant1	-31.58	-27	Pass

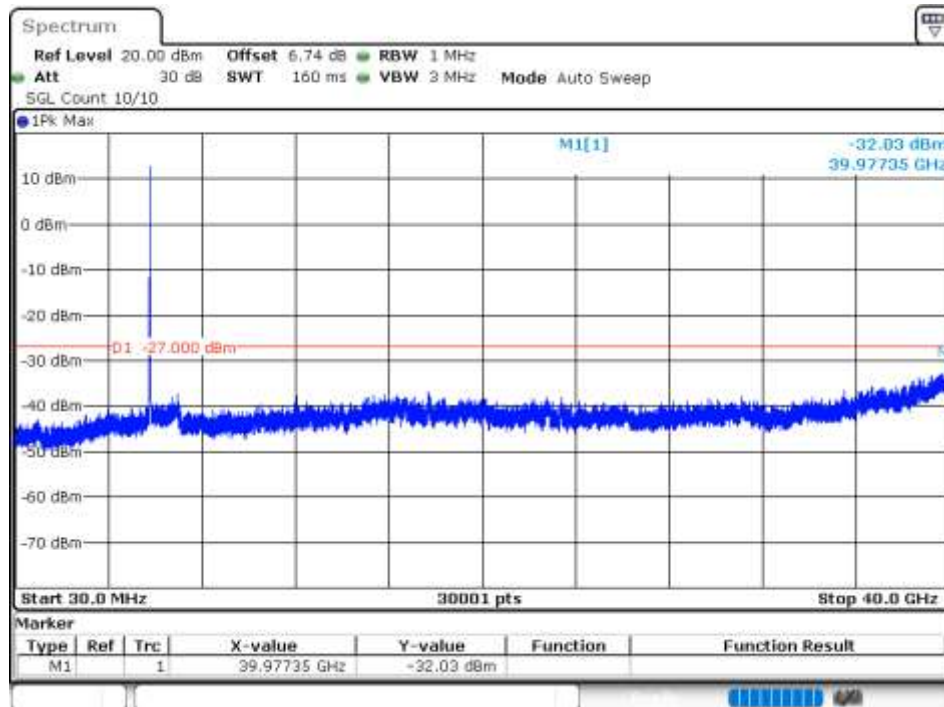
Note: This test has increased antenna gain .

Test Graphs

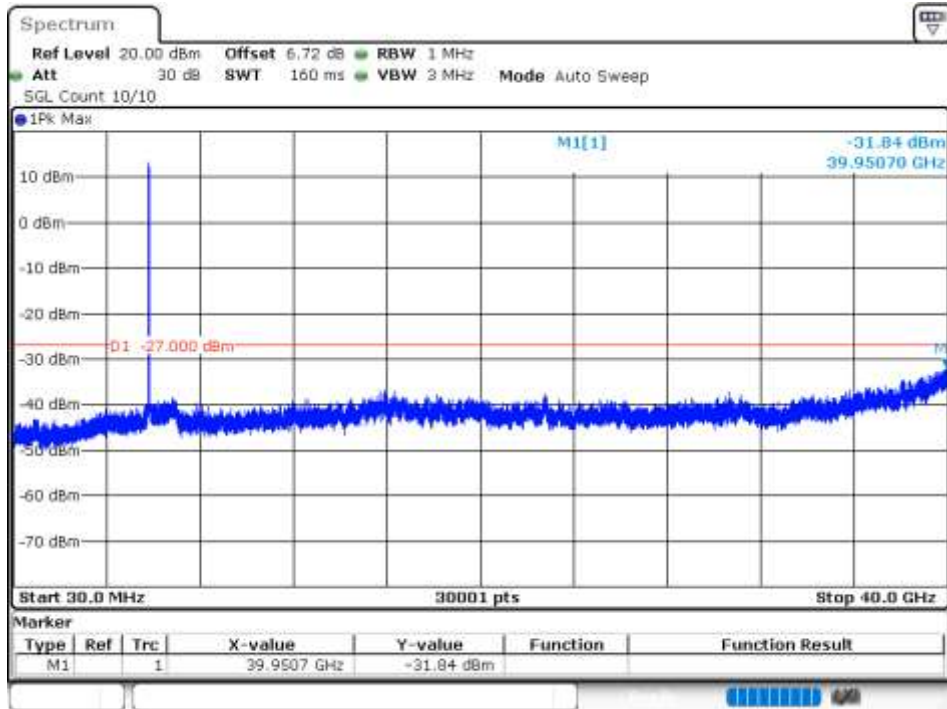
Tx. Spurious NVNT a 5745MHz Ant1 Emission



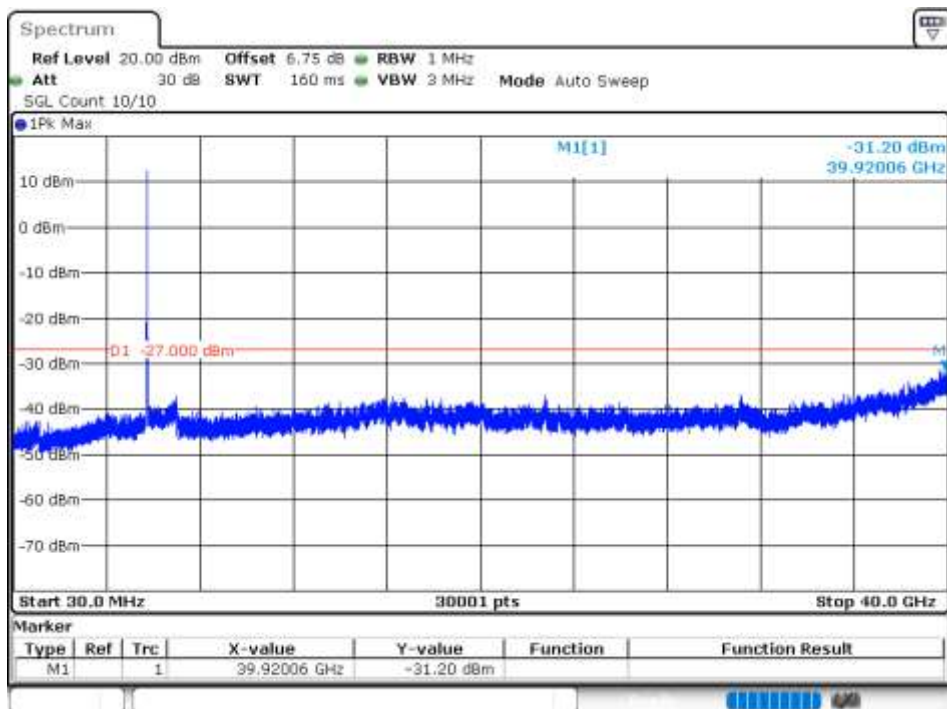
Tx. Spurious NVNT a 5785MHz Ant1 Emission



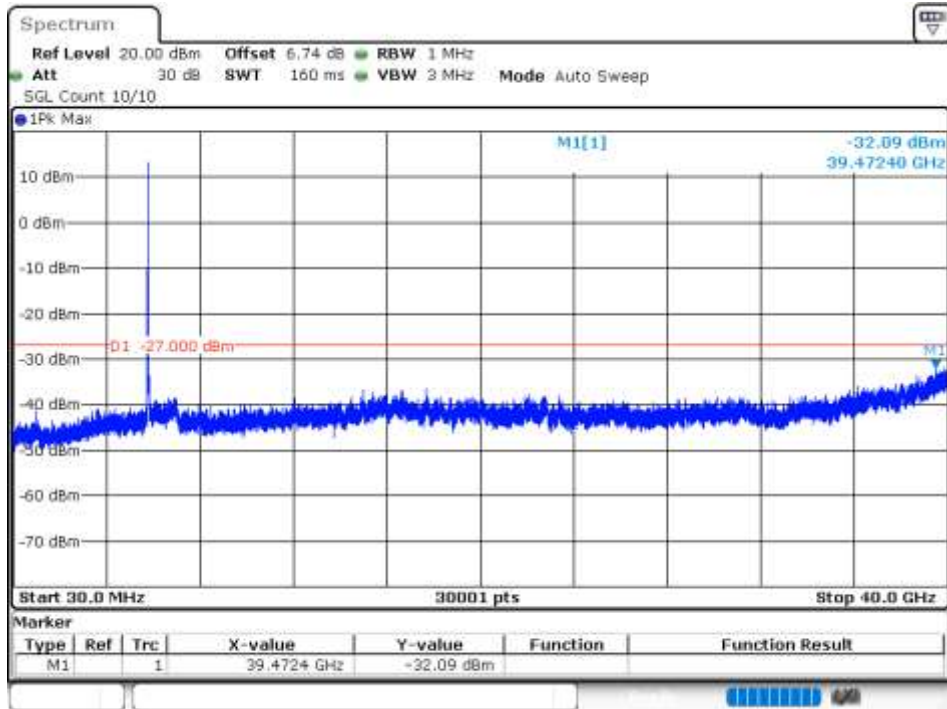
Tx. Spurious NVNT a 5825MHz Ant1 Emission



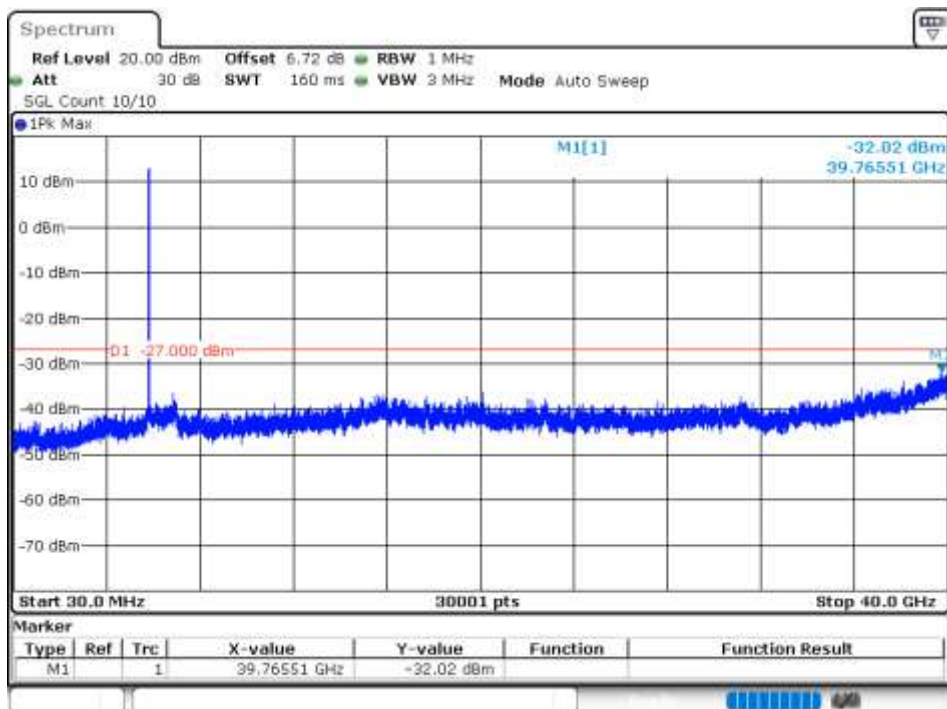
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



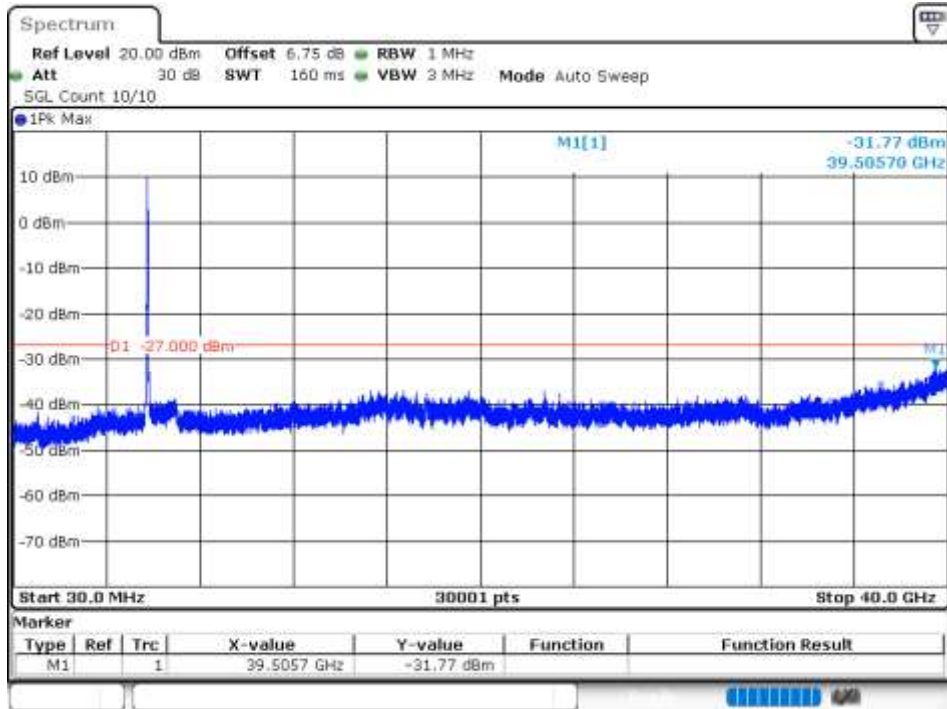
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



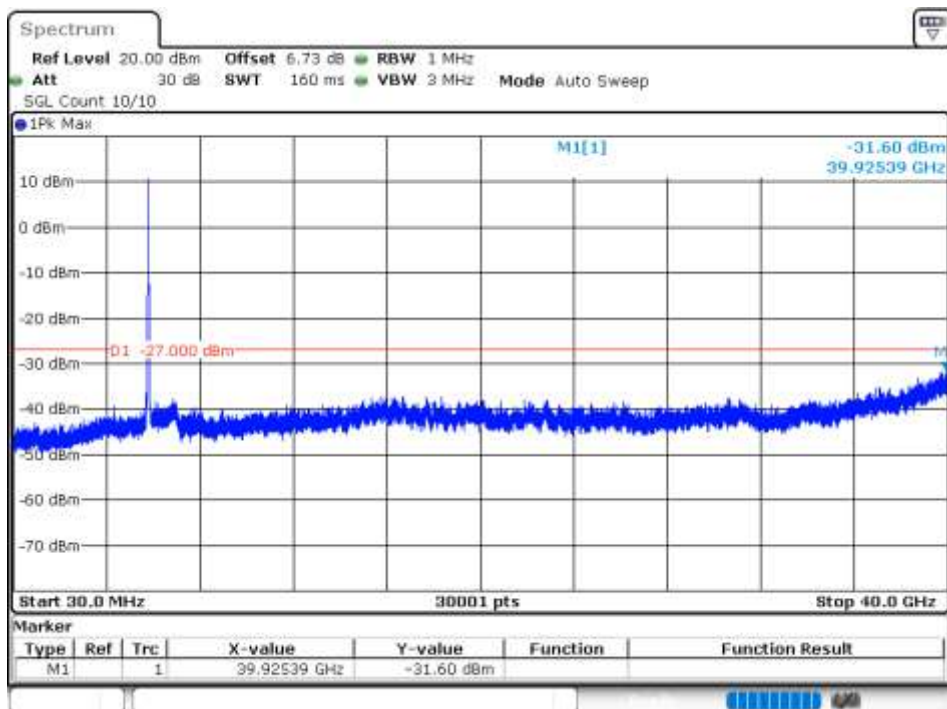
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



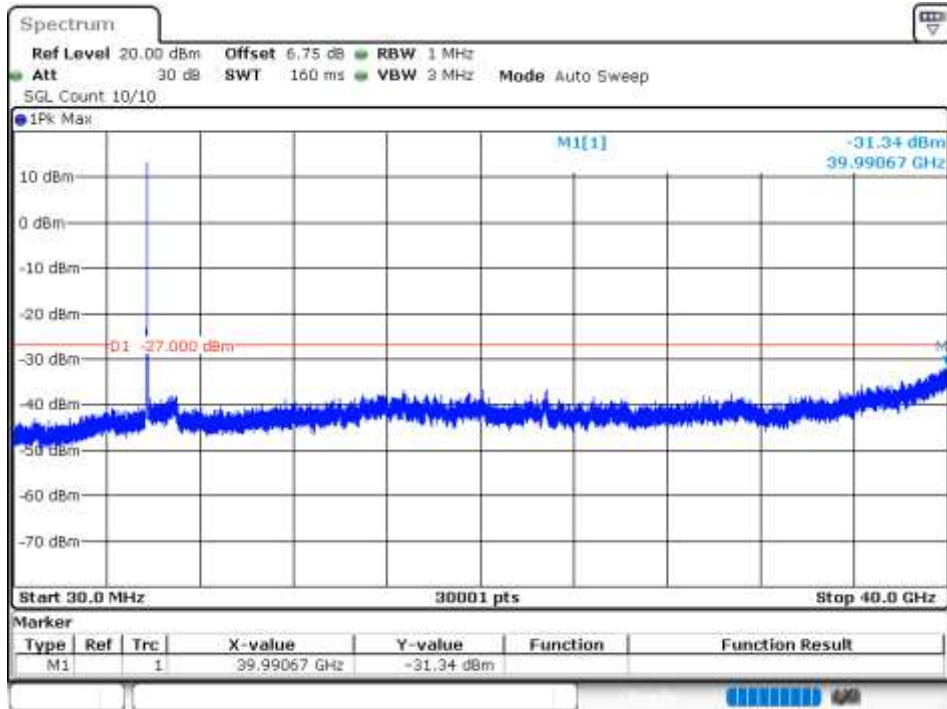
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



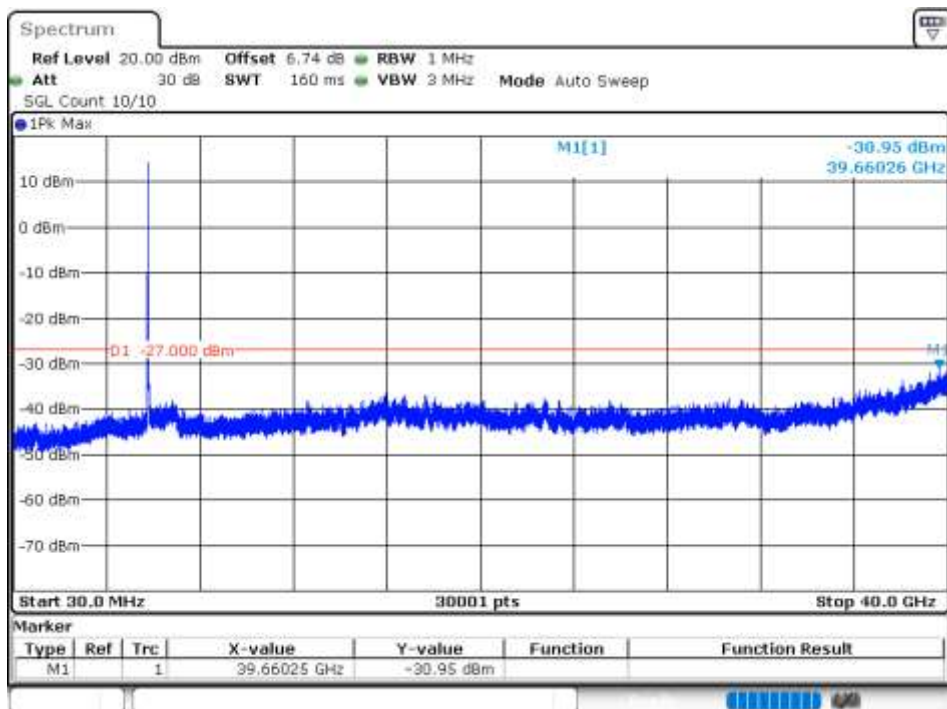
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



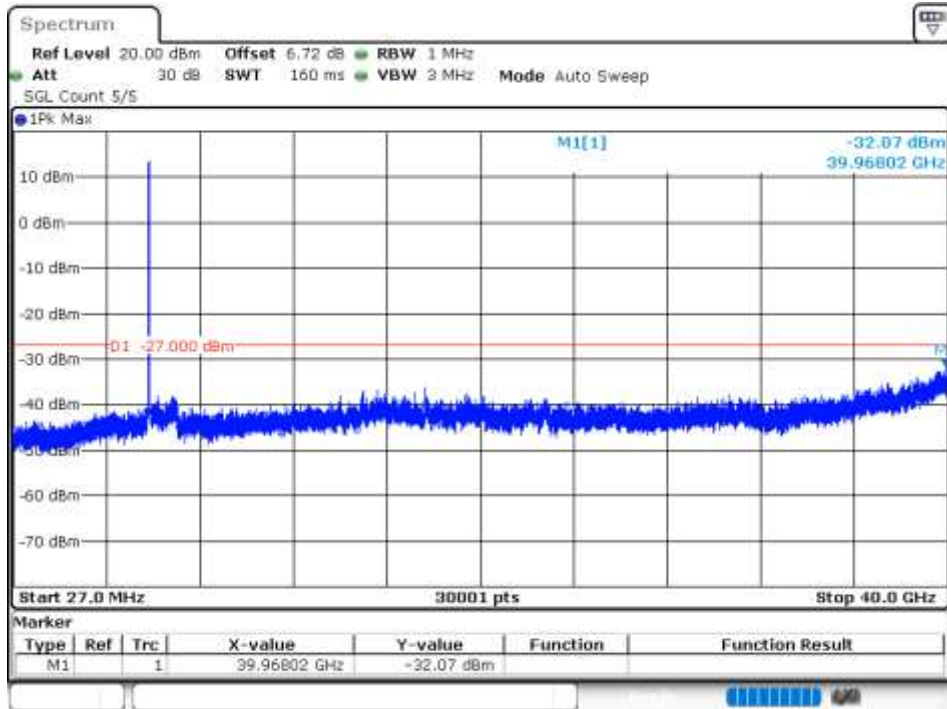
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



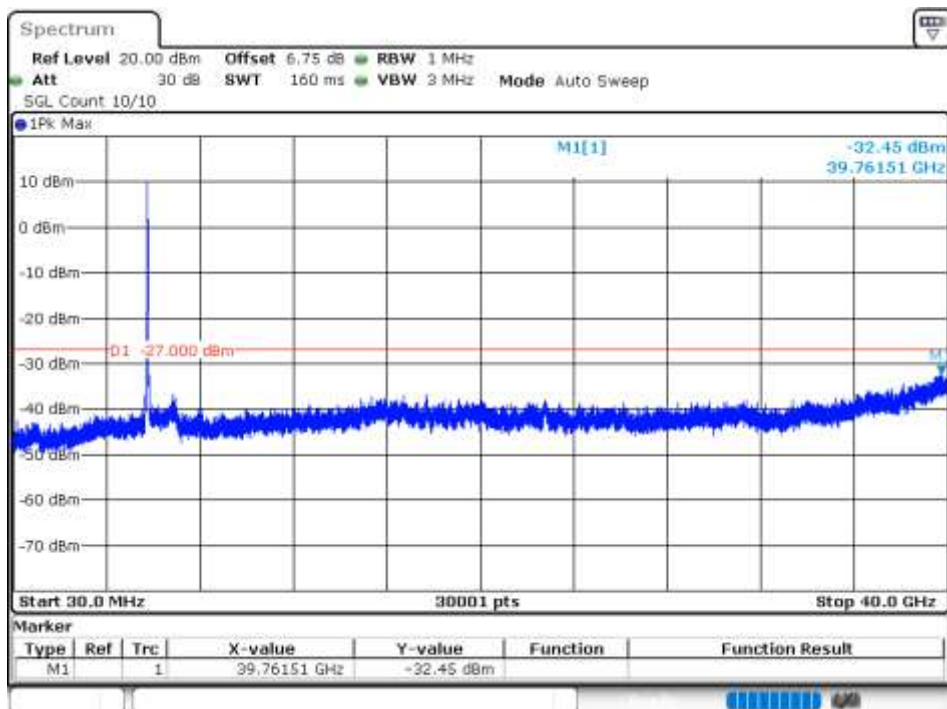
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



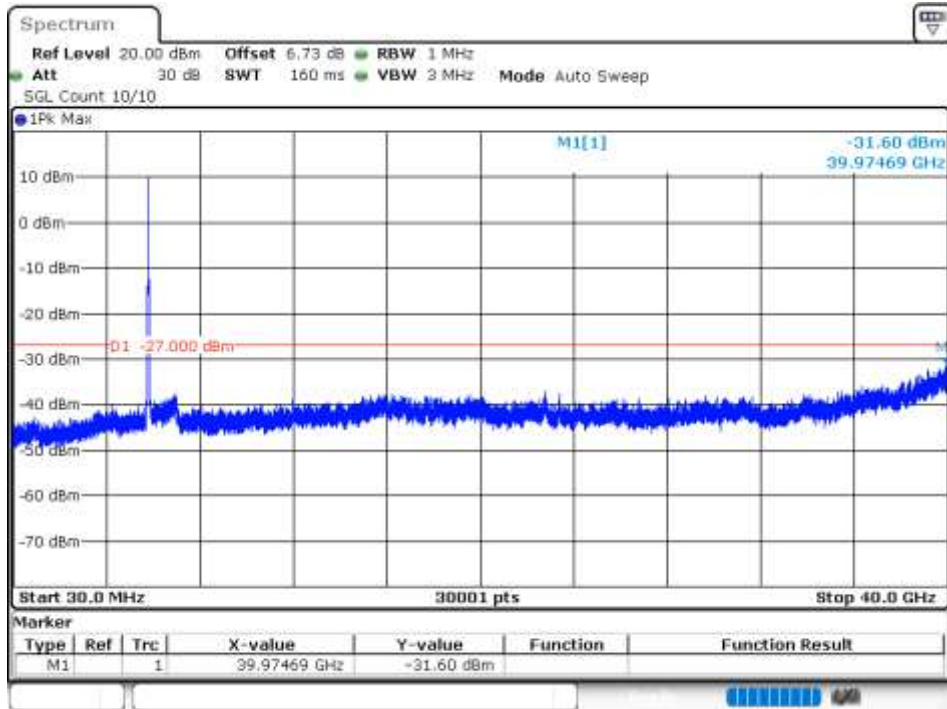
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



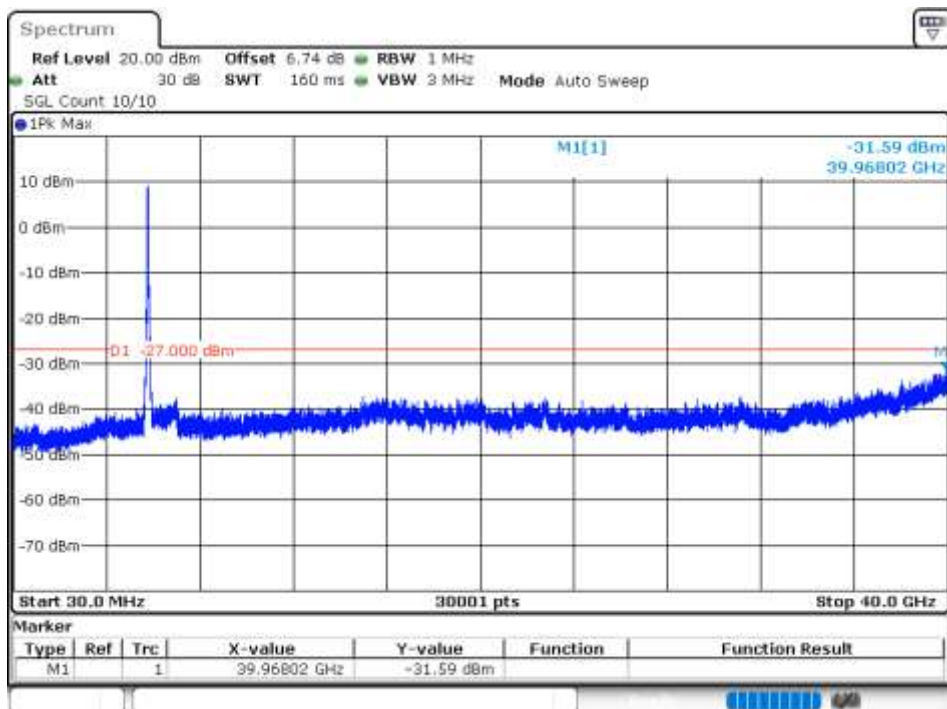
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



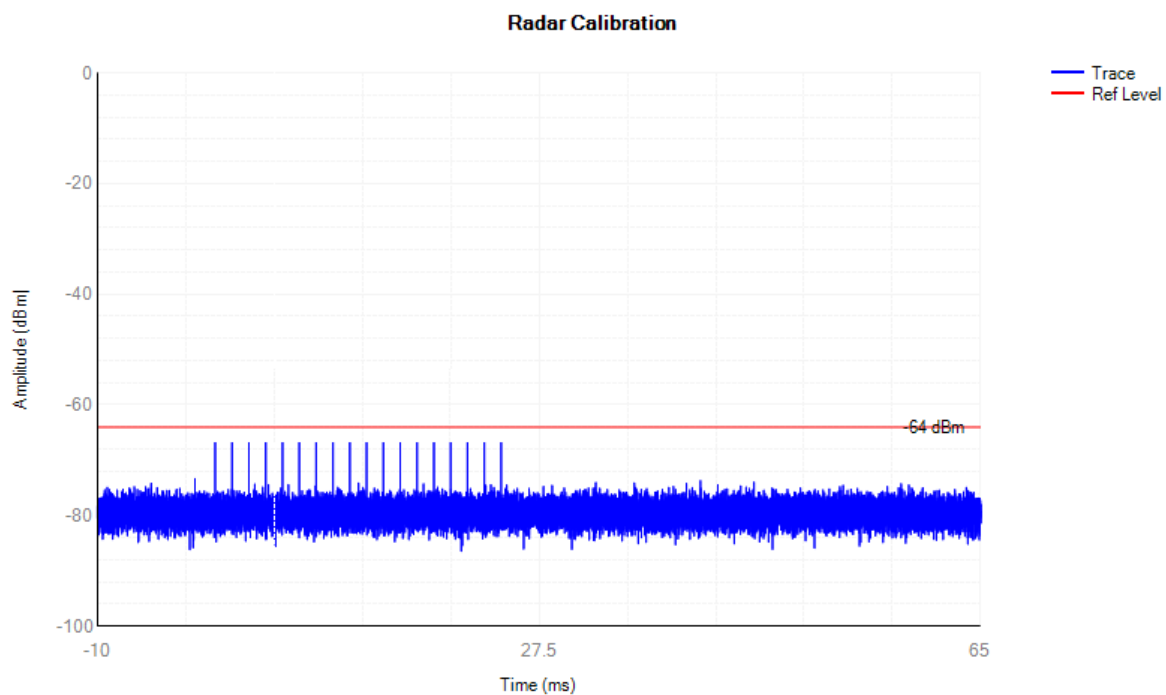
Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



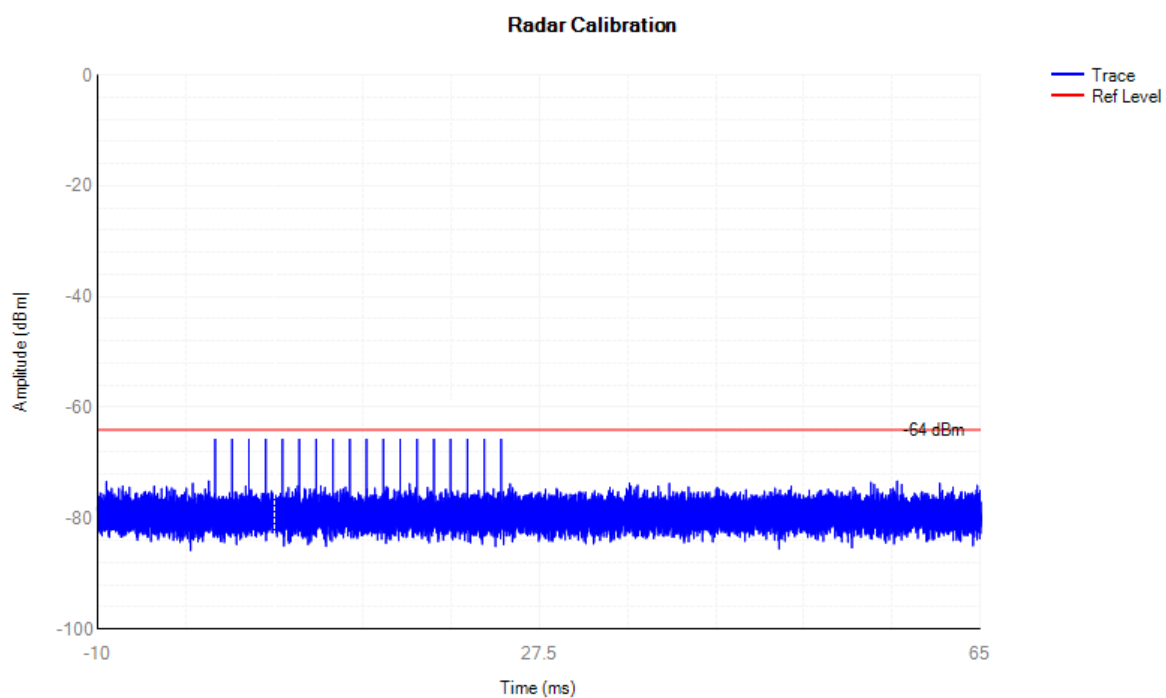
DFS

Calibration

5290MHz ac80 DFS_FCC_T0

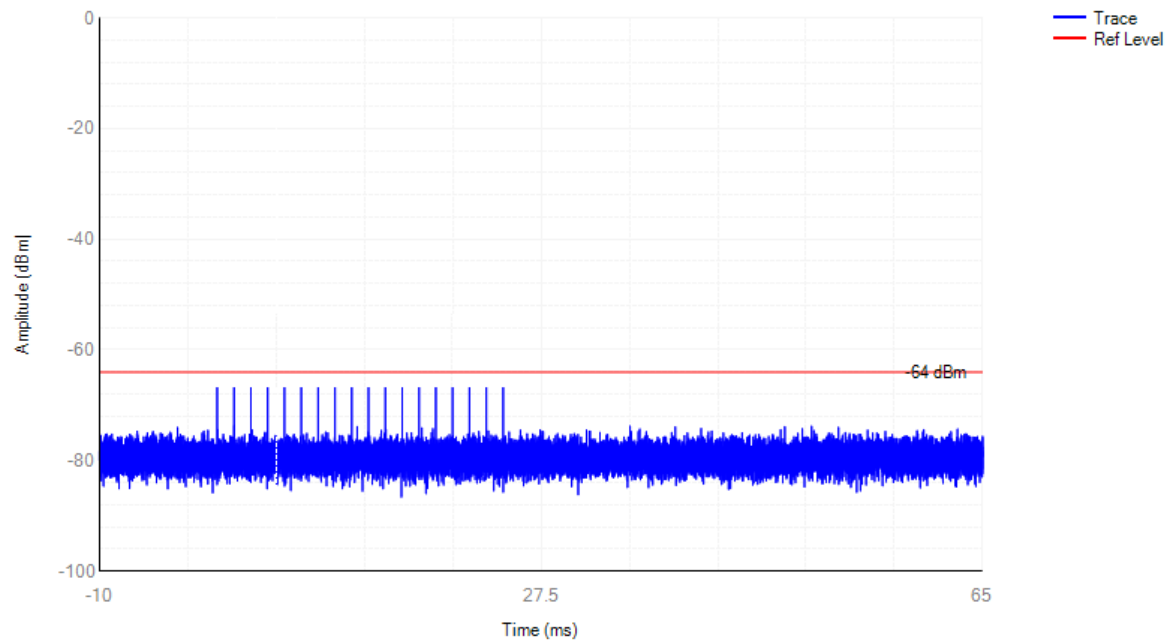


5530MHz ac80 DFS_FCC_T0

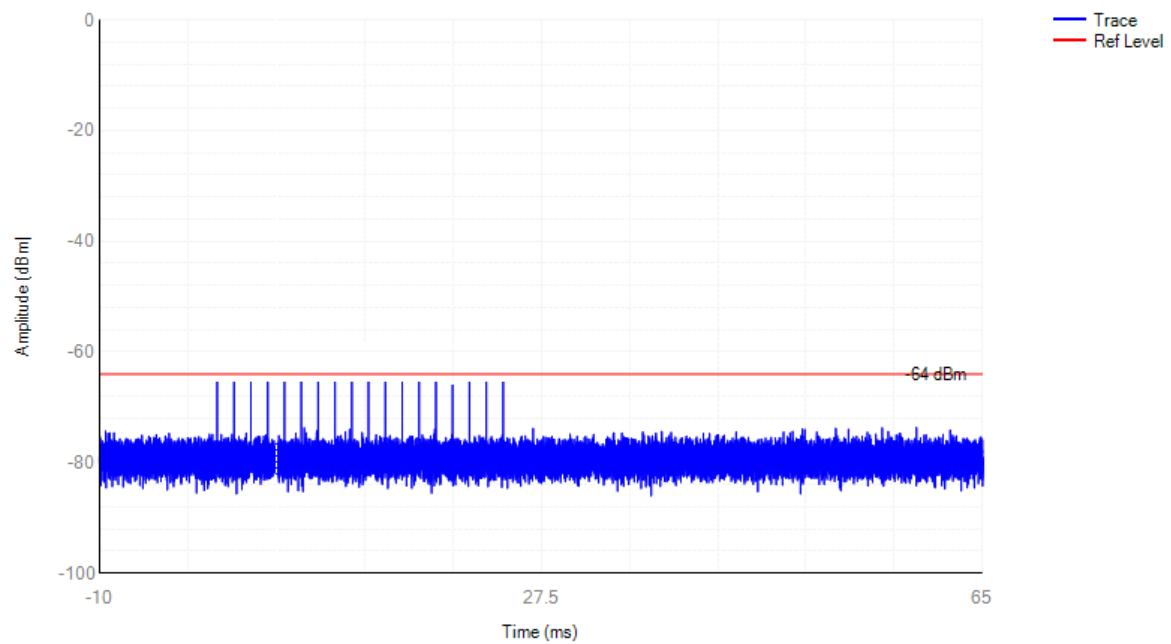


5310MHz n40 DFS_FCC_T0

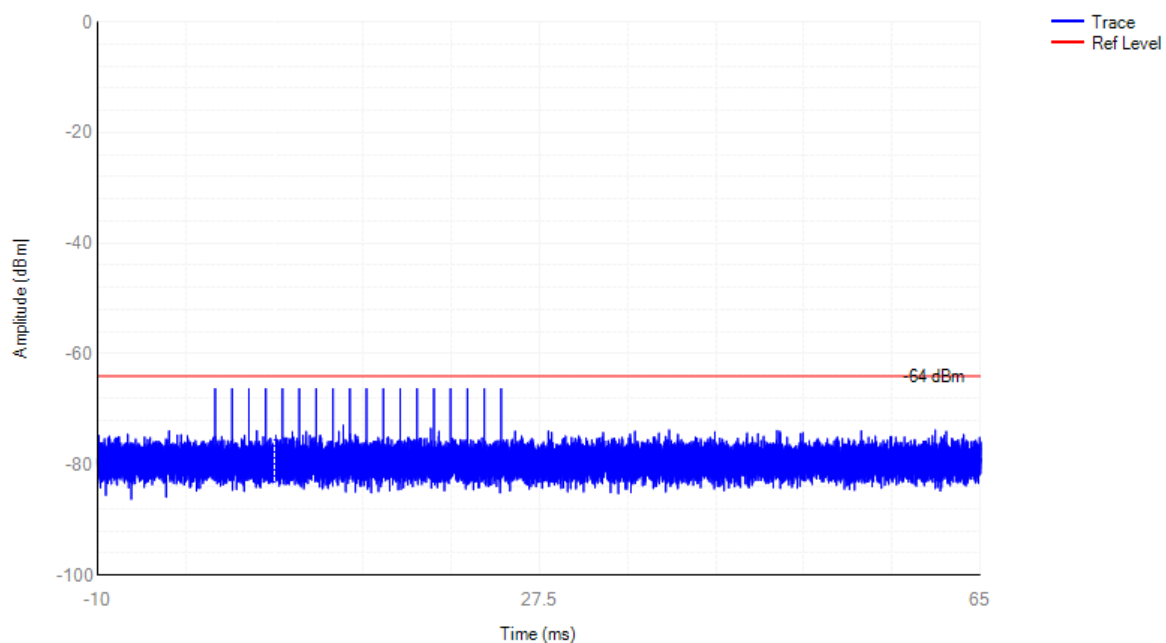
Radar Calibration



Radar Calibration

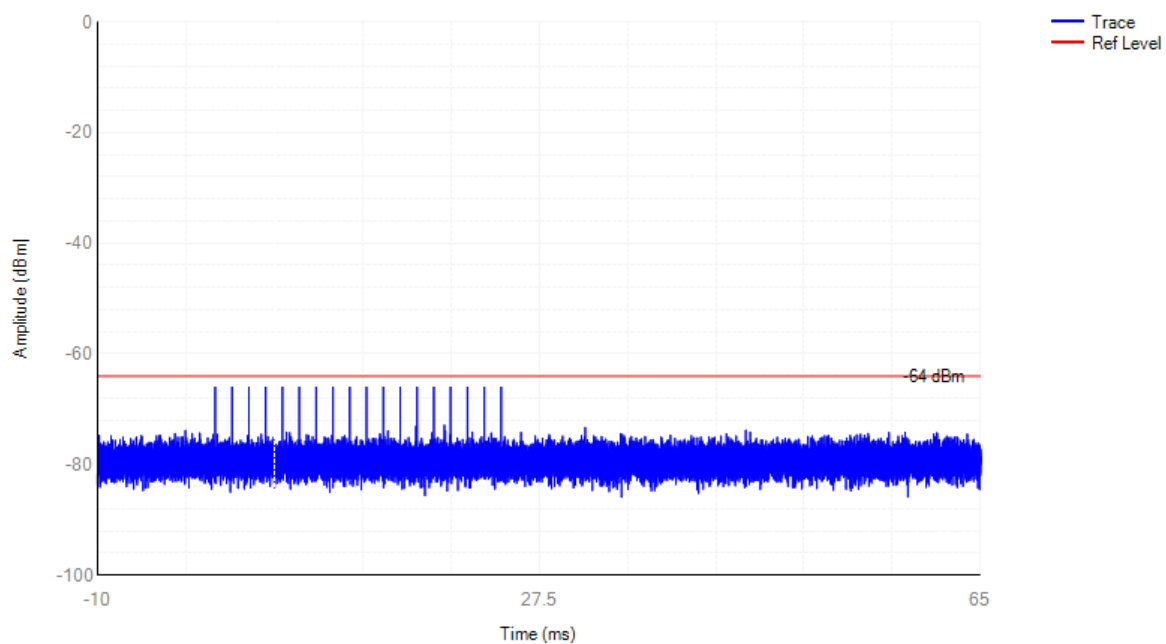


Radar Calibration



5500MHz a DFS_FCC_T0

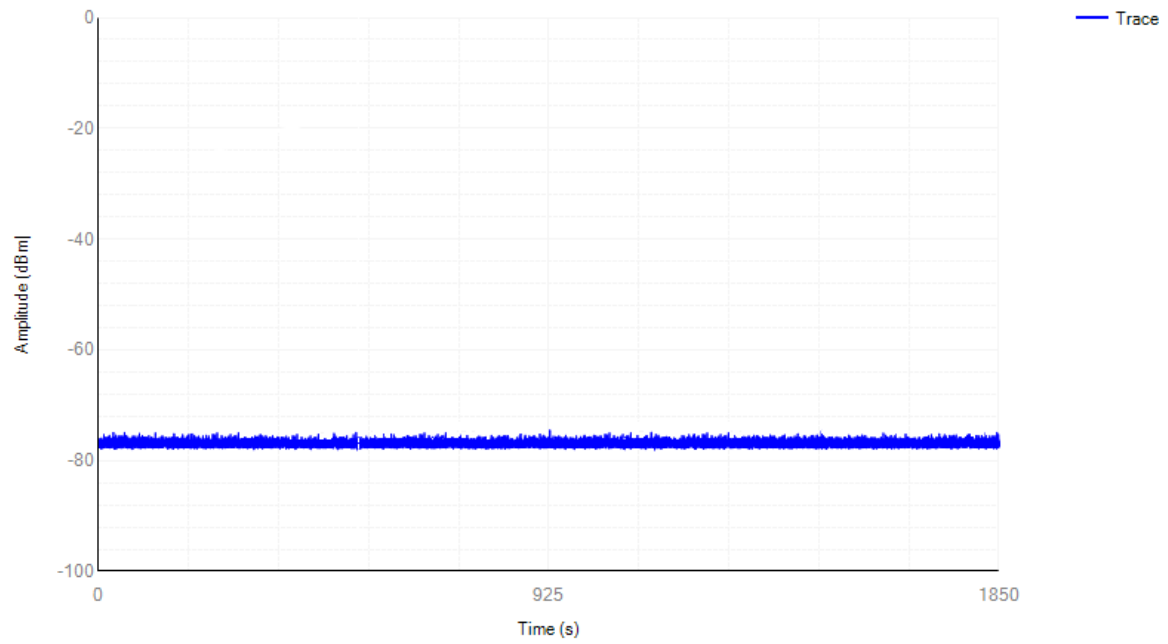
Radar Calibration



Non-Occupancy

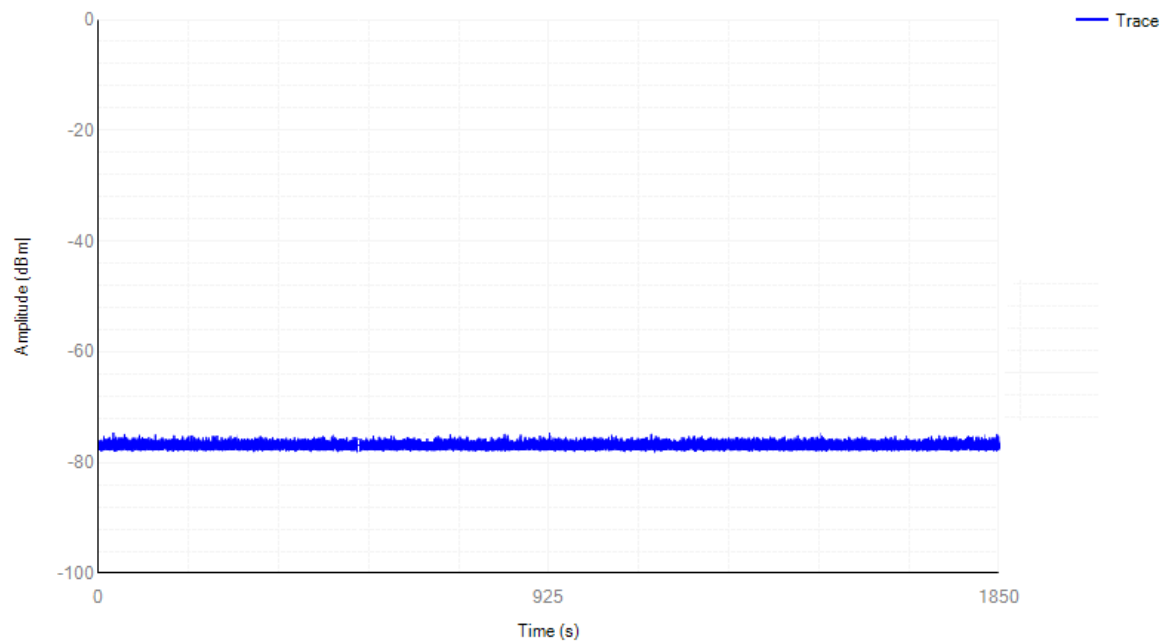
5290MHz ac80 Non-Occupancy

Non-Occupancy period



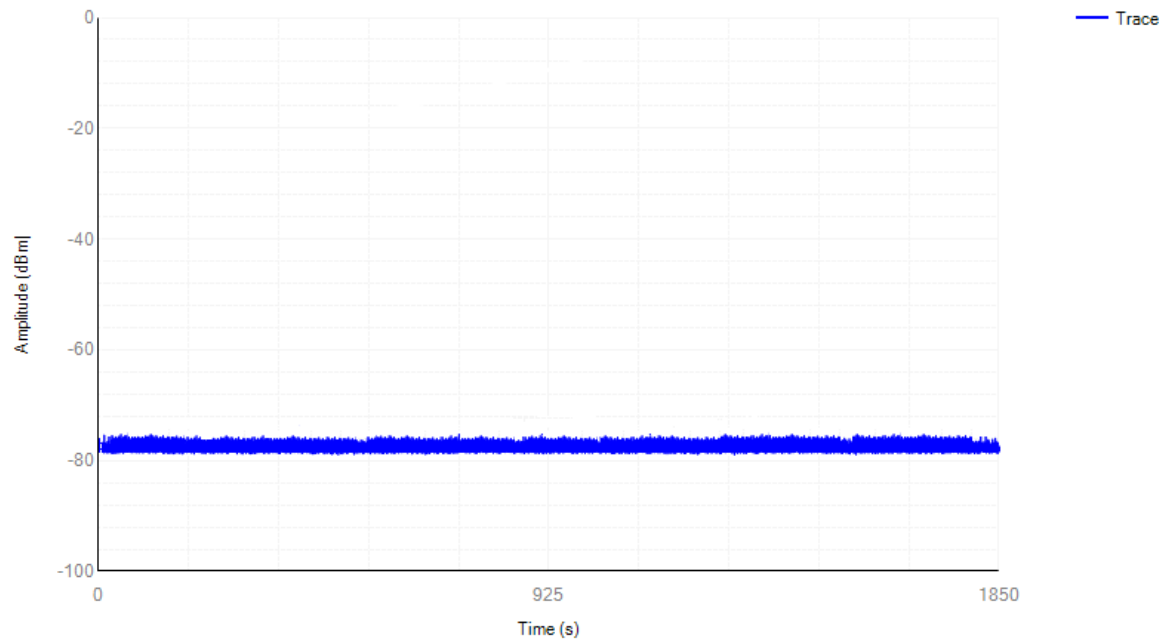
5530MHz ac80 Non-Occupancy

Non-Occupancy period



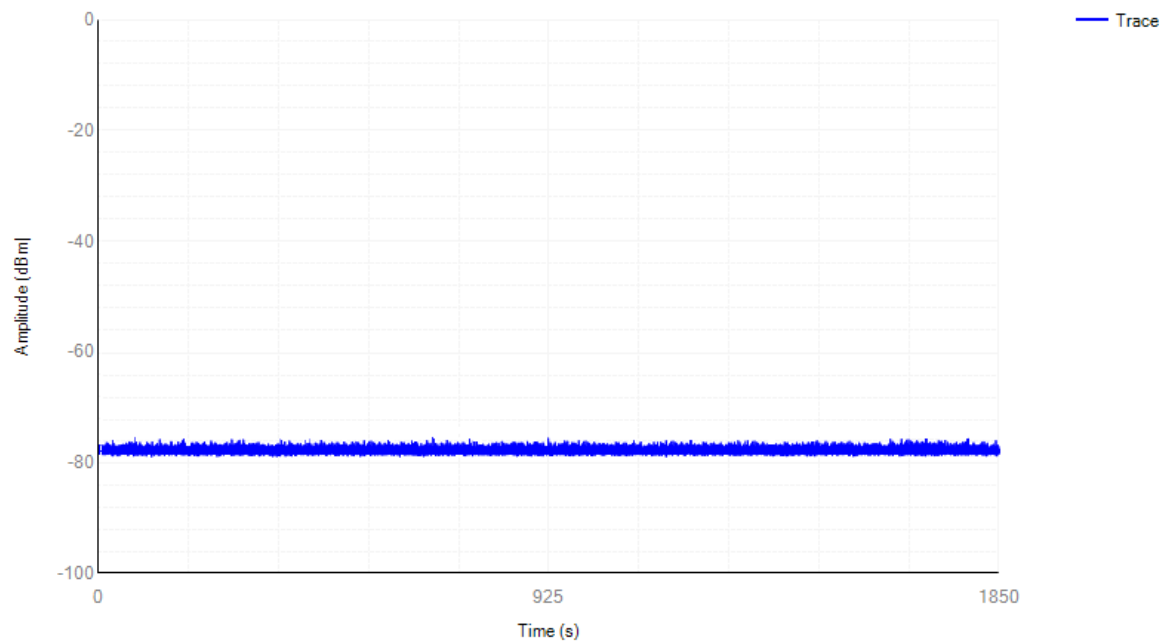
5310MHz n40 Non-Occupancy

Non-Occupancy period



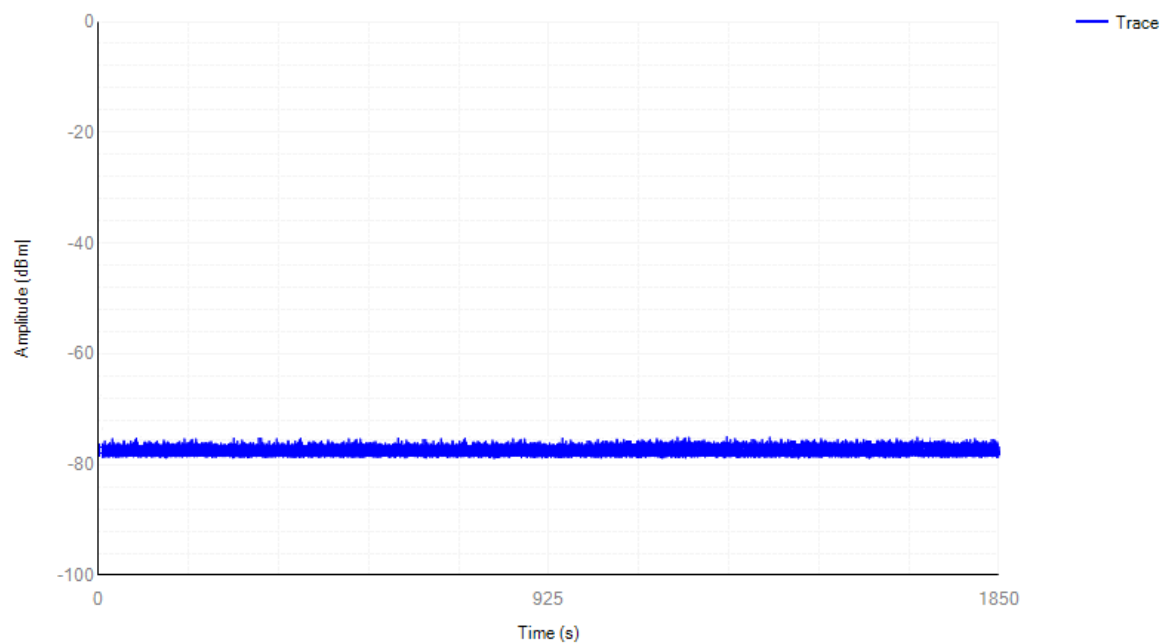
5510MHz n40 Non-Occupancy

Non-Occupancy period



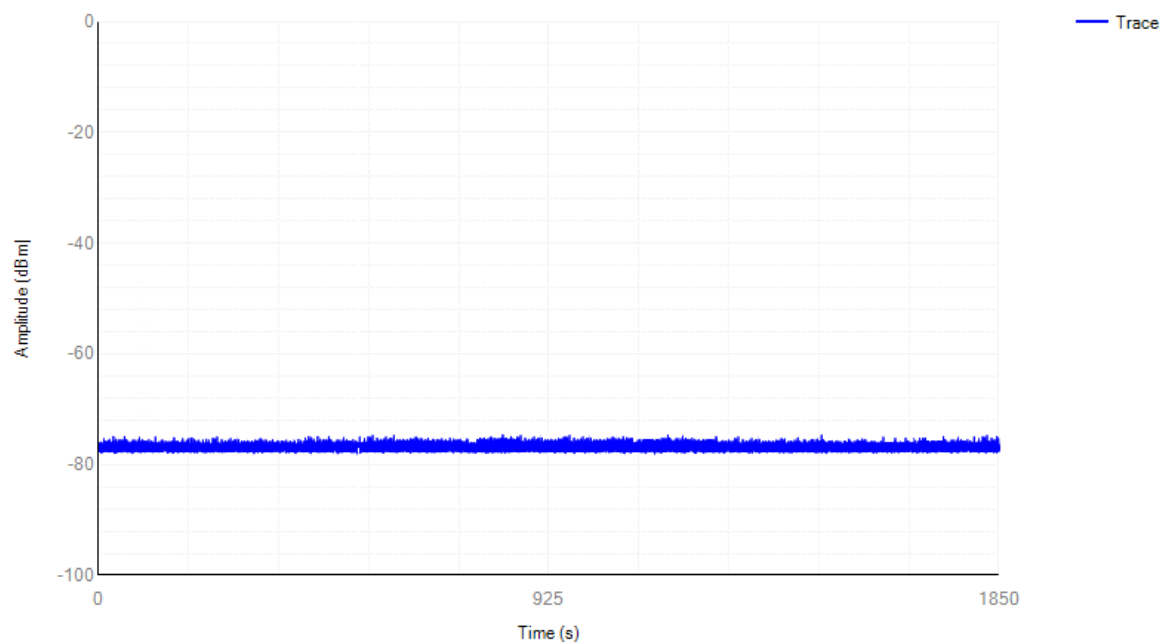
5320MHz a Non-Occupancy

Non-Occupancy period



5500MHz a Non-Occupancy

Non-Occupancy period

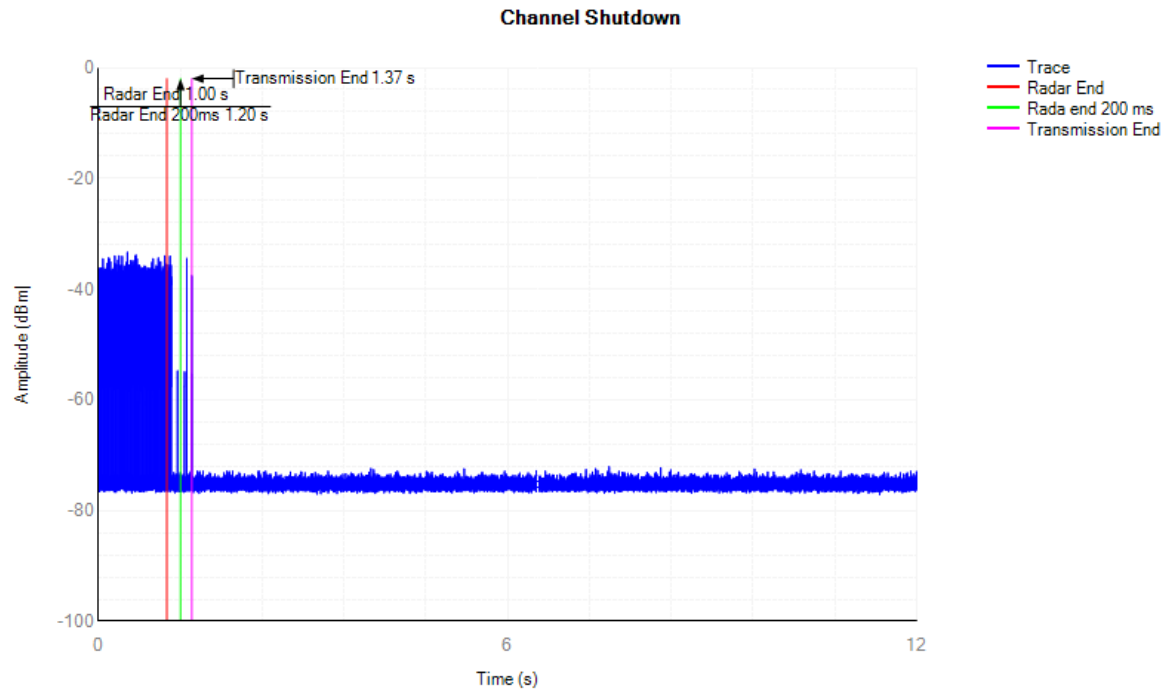


Shutdown Time

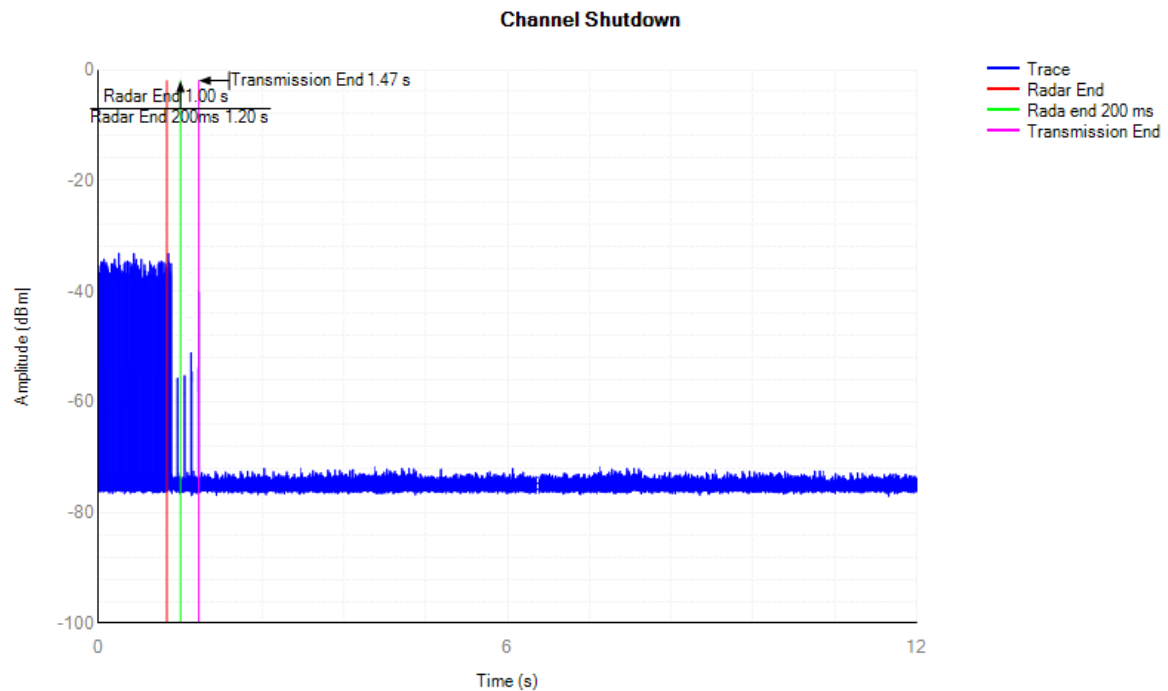
Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
ac80	5290	0.366	10	0.0096	0.26	0.0008	0.06	Pass
ac80	5530	0.4692	10	0.0072	0.26	0.0008	0.06	Pass

n40	5310	0.53	10	0.0084	0.26	0.0036	0.06	Pass
n40	5510	0.4512	10	0.0072	0.26	0.0024	0.06	Pass
a	5320	0.512	10	0.0068	0.26	0.0032	0.06	Pass
a	5500	0.5056	10	0.006	0.26	0.0024	0.06	Pass

5290MHz ac80 Shutdown

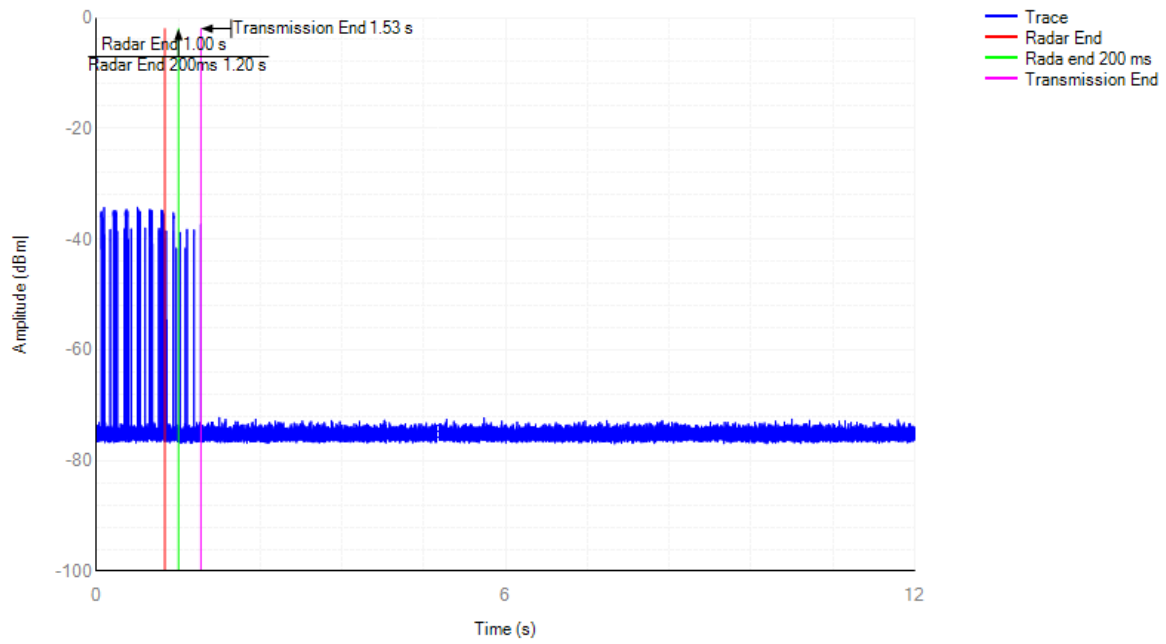


5530MHz ac80 Shutdown



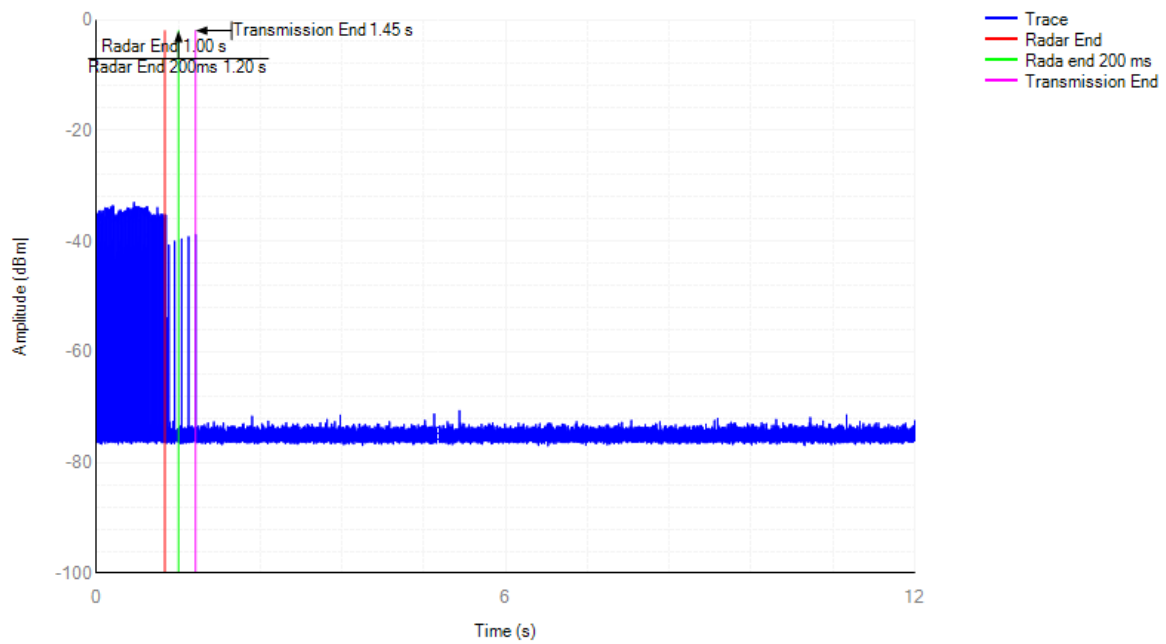
5310MHz n40 Shutdown

Channel Shutdown



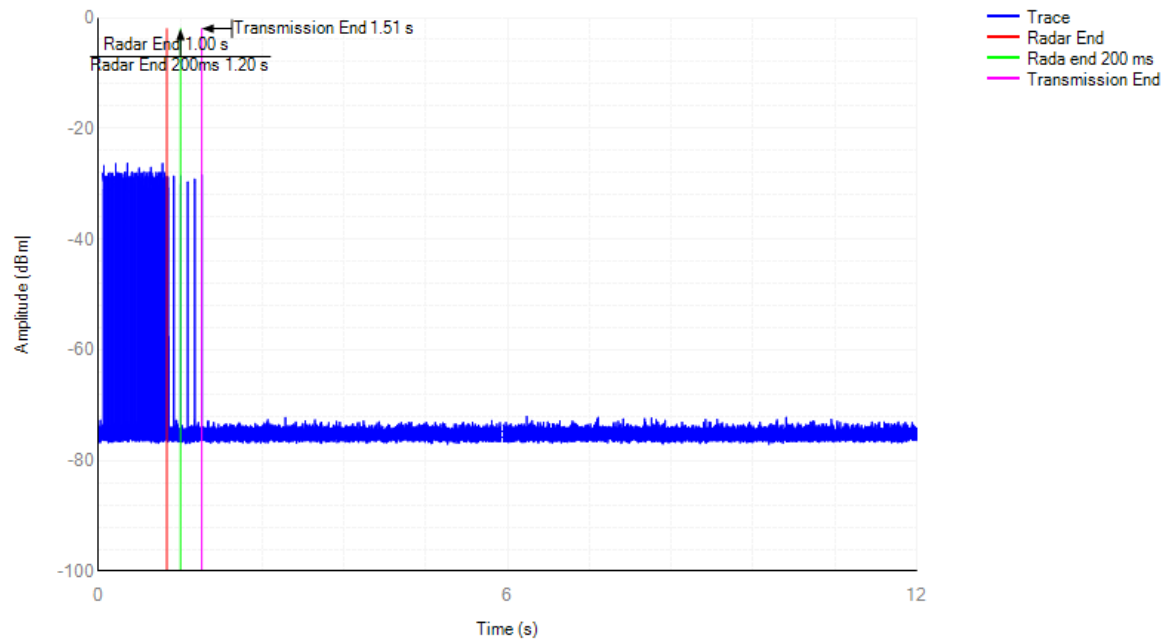
5510MHz n40 Shutdown

Channel Shutdown



5320MHz a Shutdown

Channel Shutdown



5500MHz a Shutdown

Channel Shutdown

