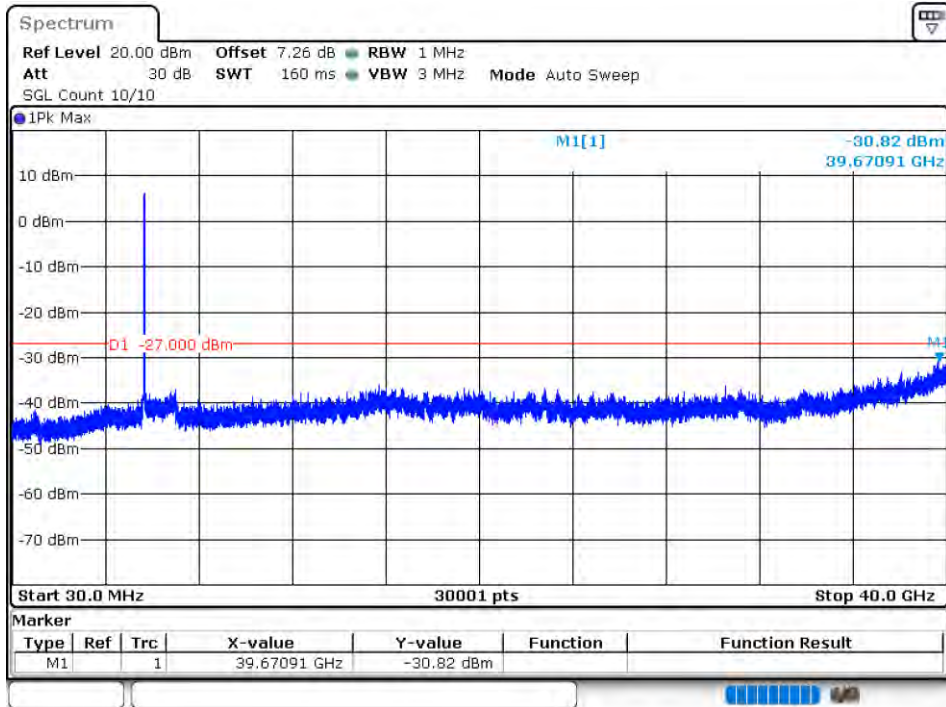
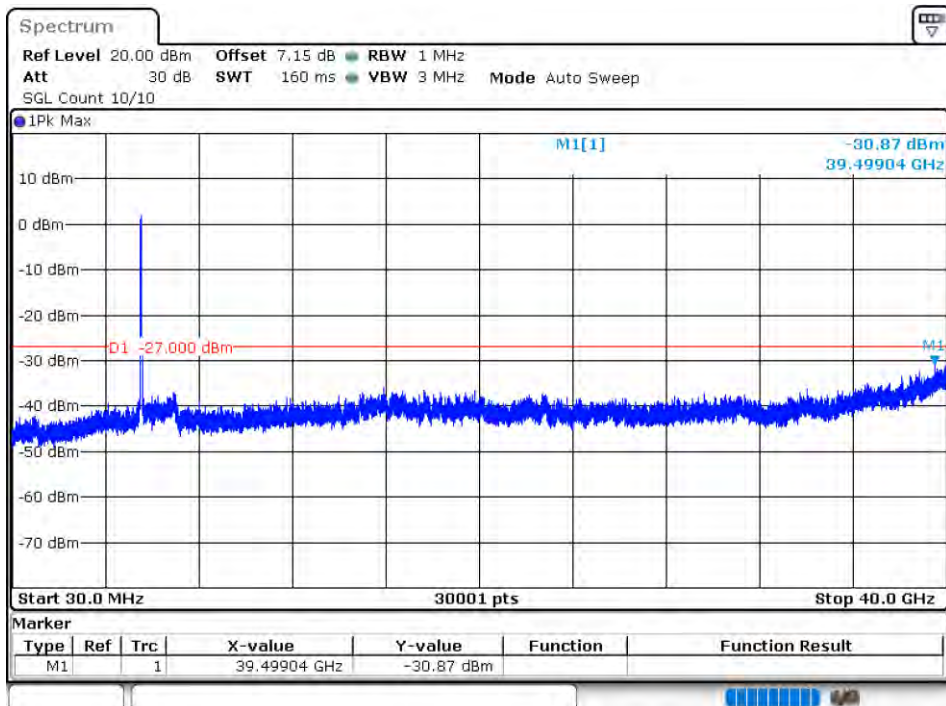
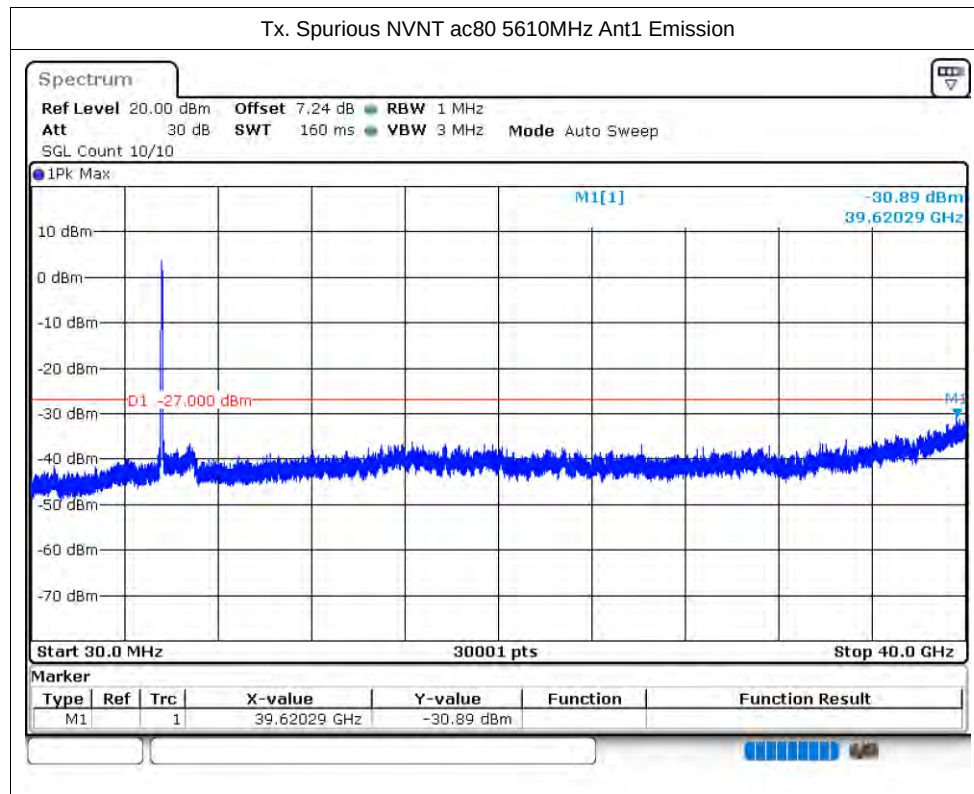


Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



Tx. Spurious NVNT ac80 5530MHz Ant1 Emission





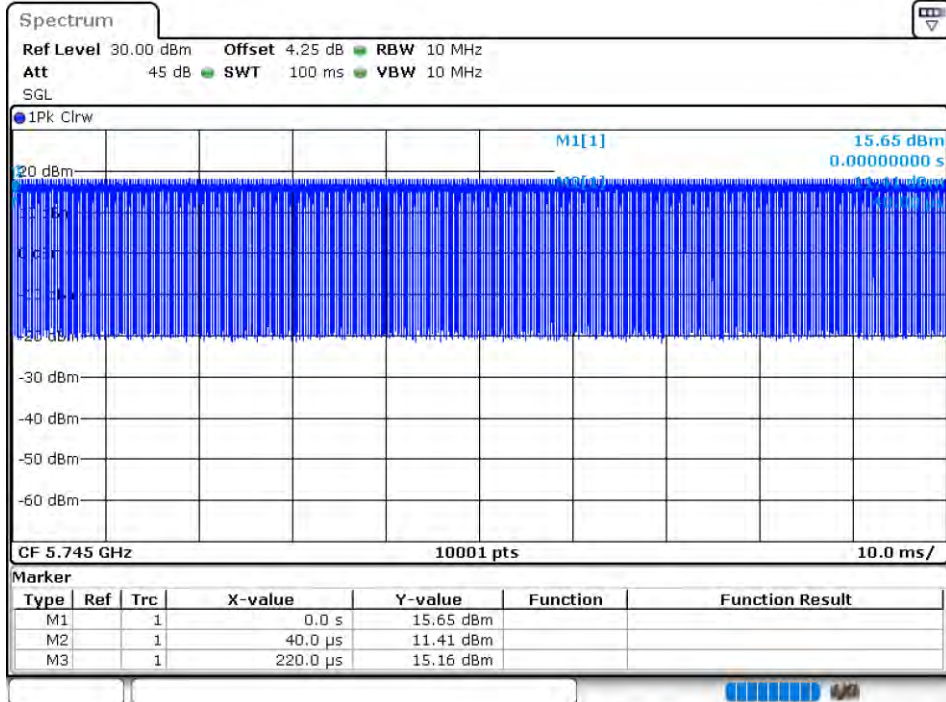
5.8G WIFI

Duty Cycle

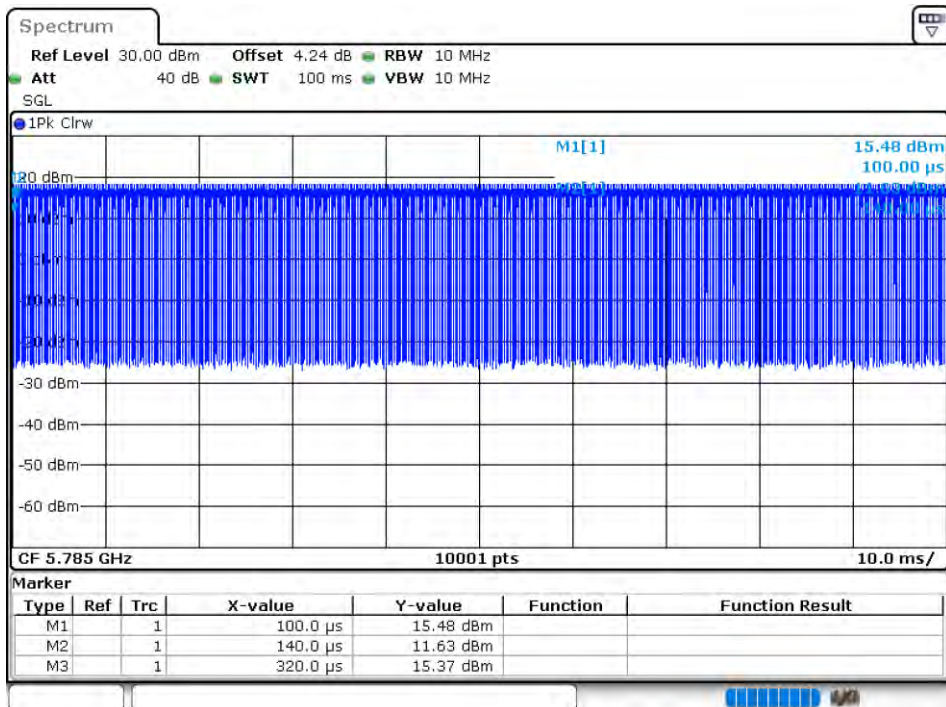
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	85.72	0.67	5.56
NVNT	a	5785	Ant1	85.32	0.69	5.56
NVNT	a	5825	Ant1	95.44	0.2	2.44
NVNT	n20	5745	Ant1	84.95	0.71	6.25
NVNT	n20	5785	Ant1	84.49	0.73	5.88
NVNT	n20	5825	Ant1	95.29	0.21	2.56
NVNT	n40	5755	Ant1	78.68	1.04	10
NVNT	n40	5795	Ant1	78.67	1.04	10
NVNT	ac20	5745	Ant1	85.28	0.69	5.88
NVNT	ac20	5785	Ant1	84.84	0.71	5.88
NVNT	ac20	5825	Ant1	84.85	0.71	5.88
NVNT	ac40	5755	Ant1	77.59	1.1	11.11
NVNT	ac40	5795	Ant1	77.58	1.1	11.11
NVNT	ac80	5775	Ant1	69.77	1.56	16.67

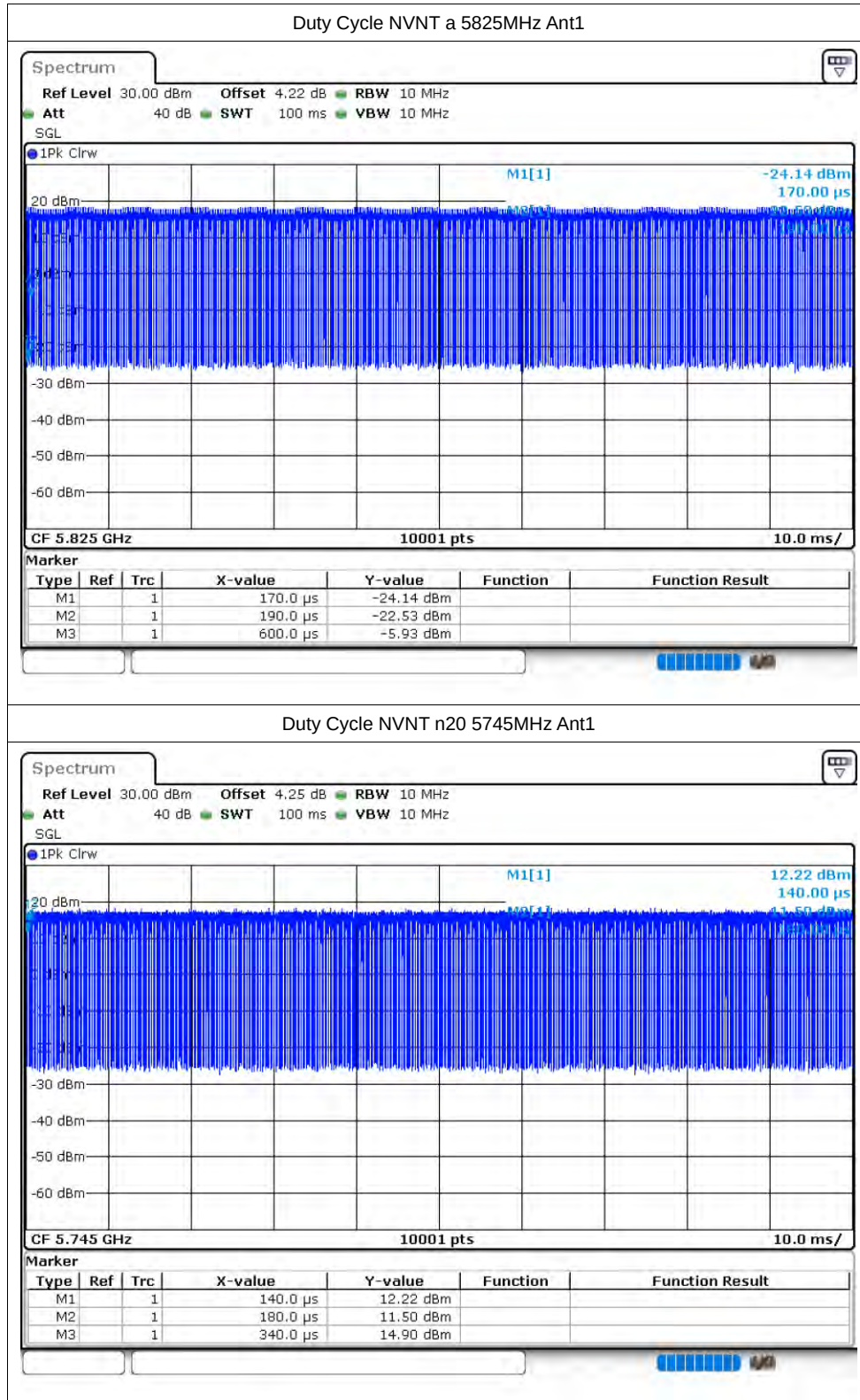
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

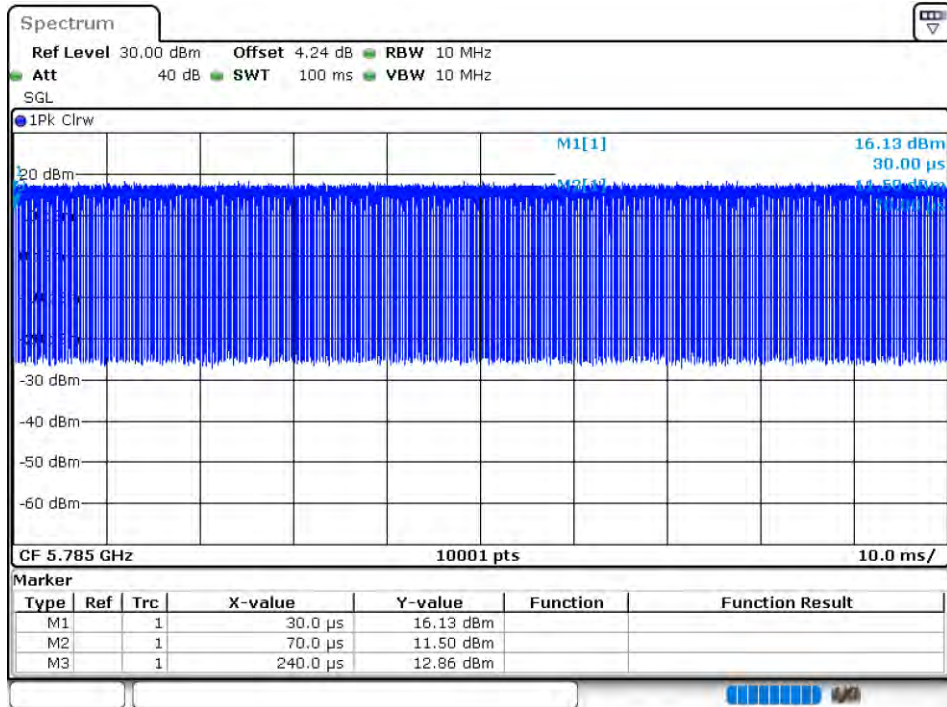


Duty Cycle NVNT a 5785MHz Ant1

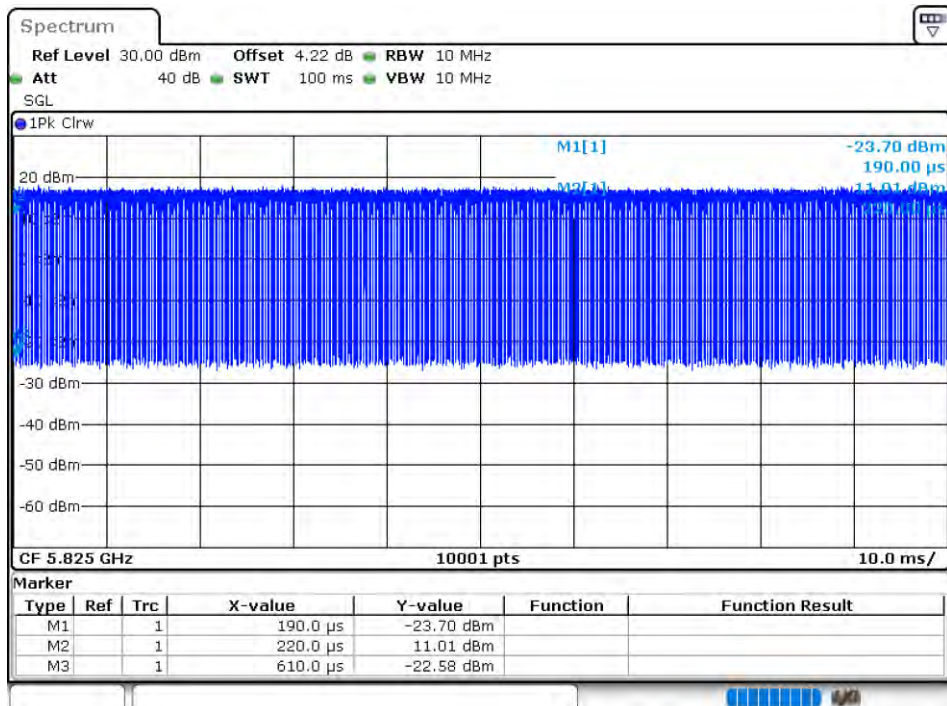


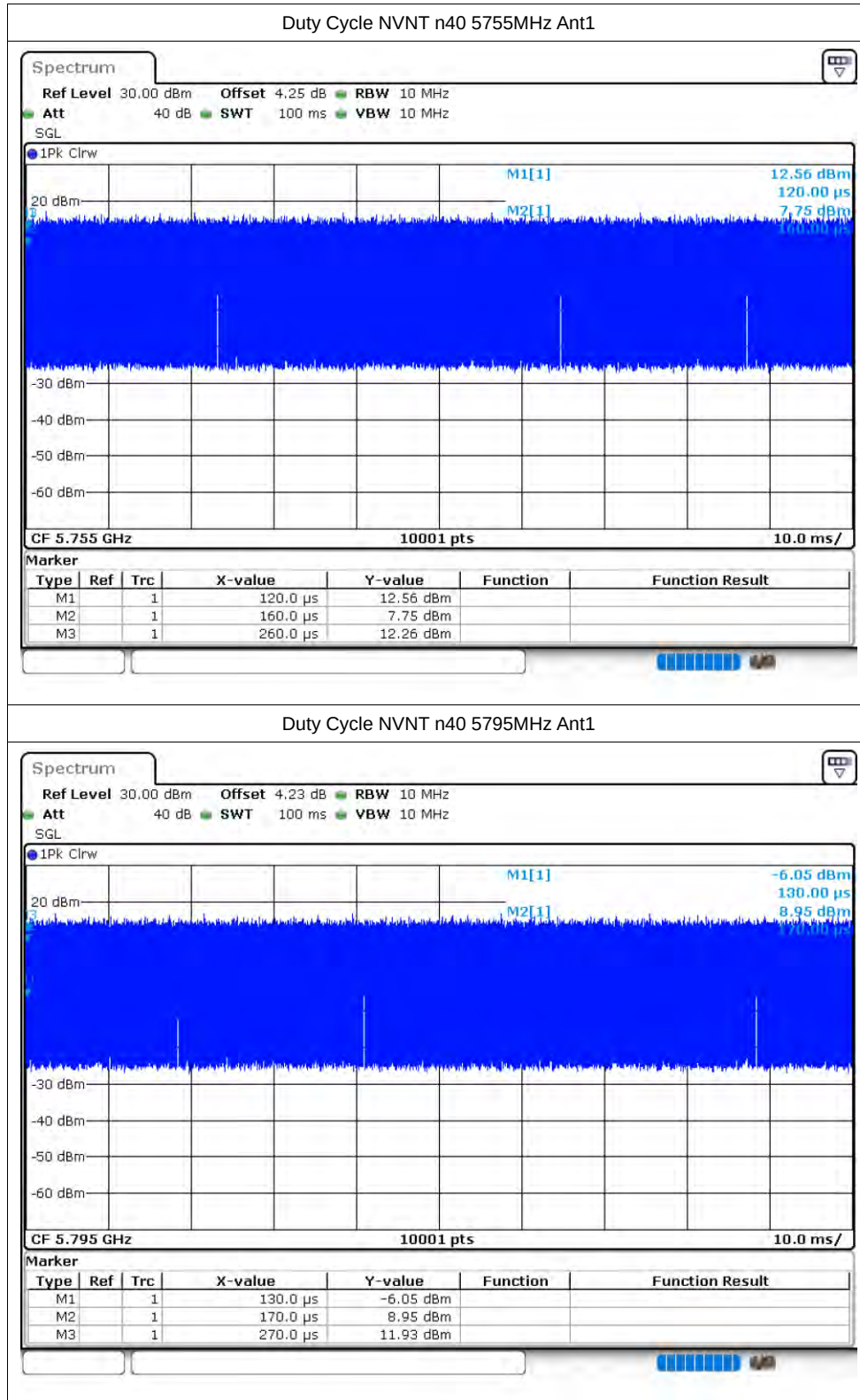


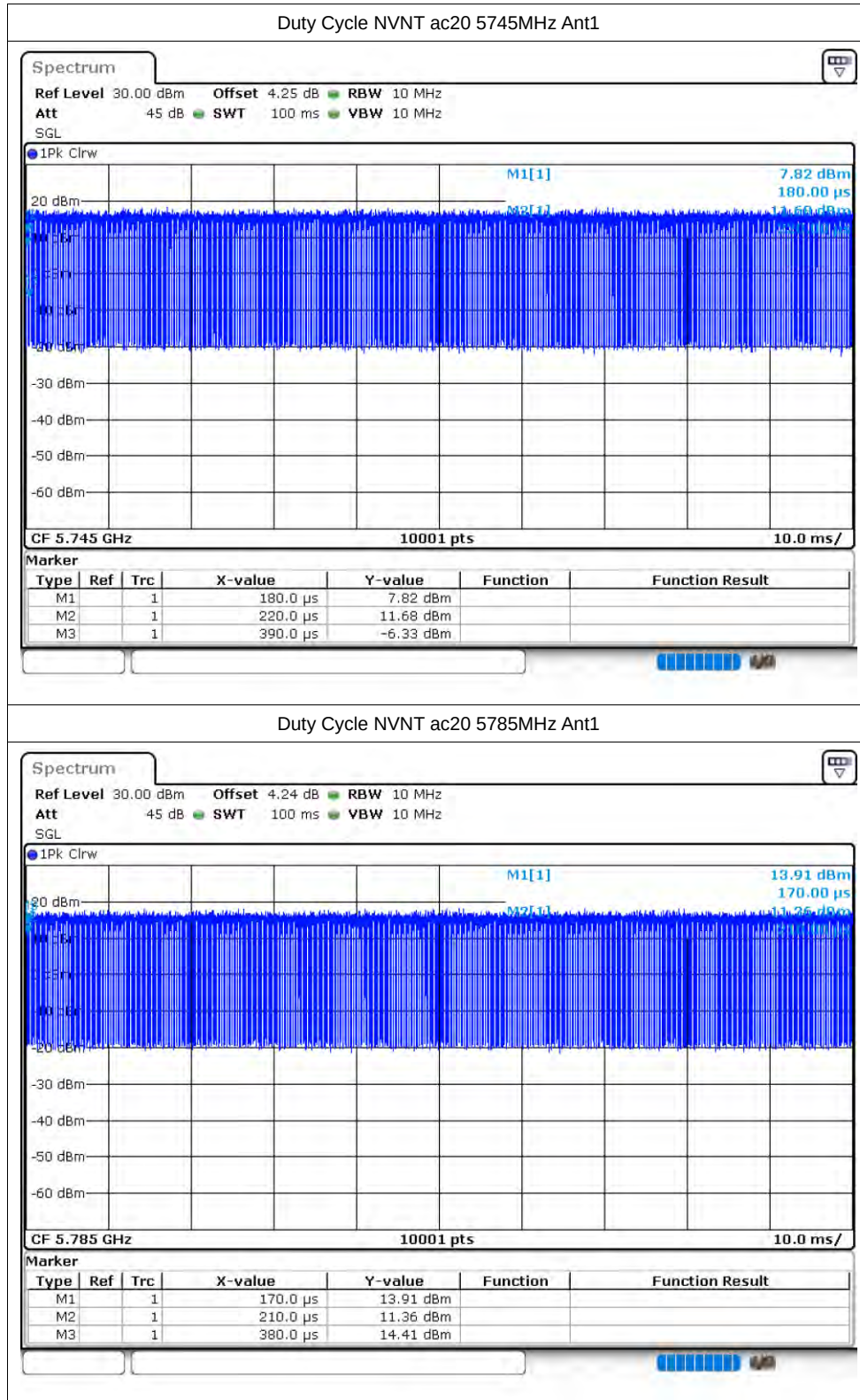
Duty Cycle NVNT n20 5785MHz Ant1

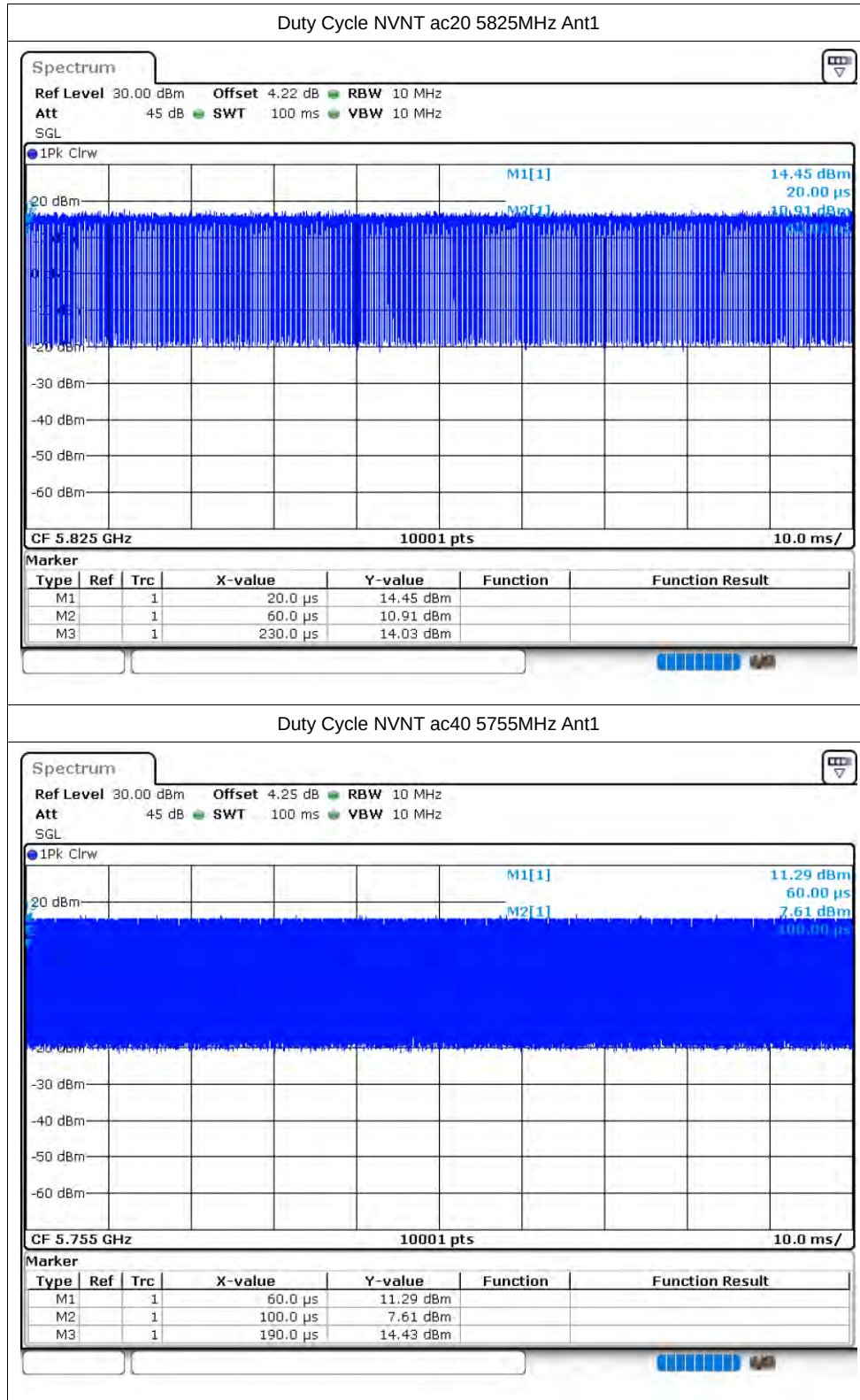


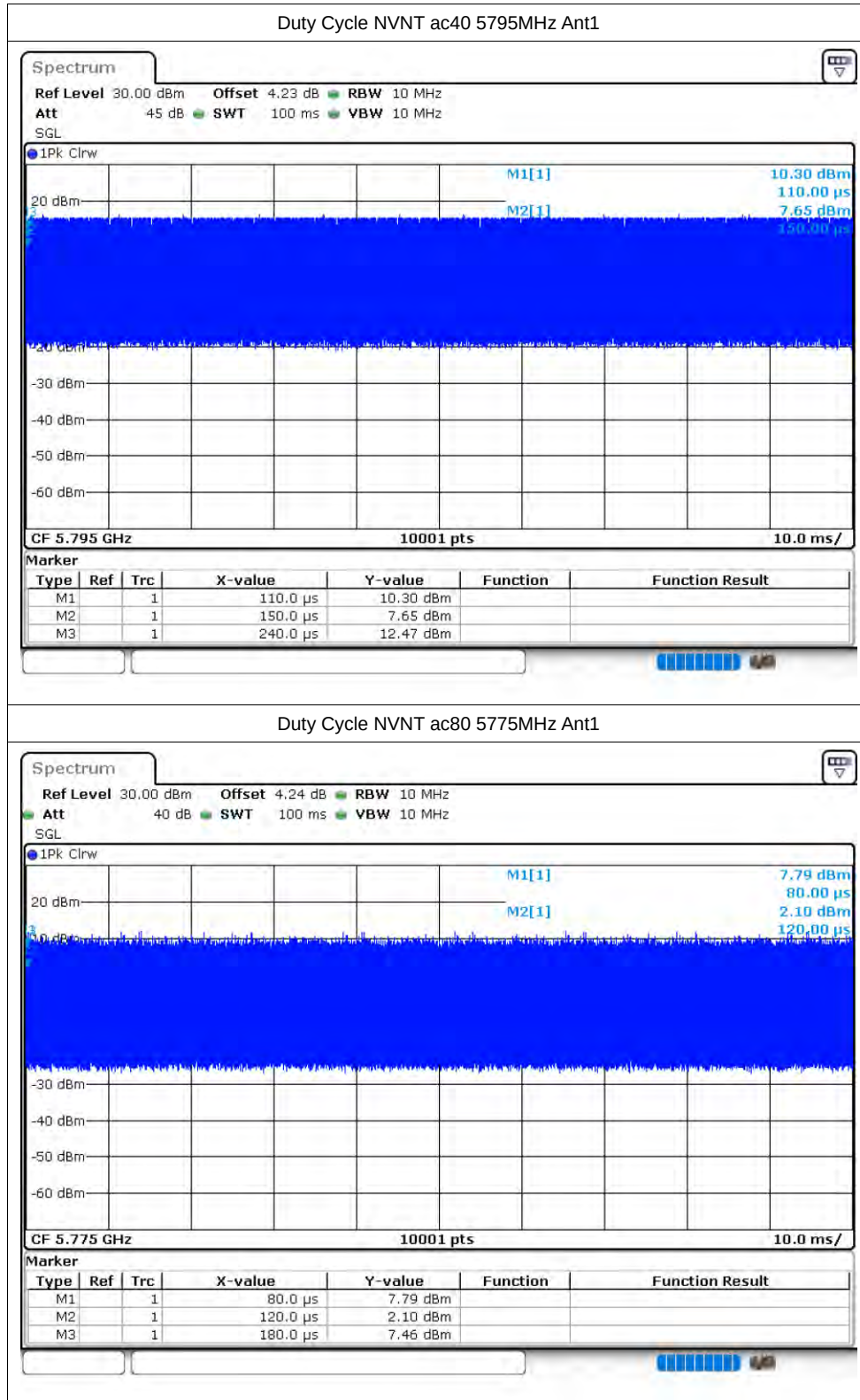
Duty Cycle NVNT n20 5825MHz Ant1











Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.88	30	Pass
NVNT	a	5785	Ant1	11.39	30	Pass
NVNT	a	5825	Ant1	11.16	30	Pass
NVNT	n20	5745	Ant1	11.5	30	Pass
NVNT	n20	5785	Ant1	11.11	30	Pass
NVNT	n20	5825	Ant1	10.98	30	Pass
NVNT	n40	5755	Ant1	11.43	30	Pass
NVNT	n40	5795	Ant1	11.18	30	Pass
NVNT	ac20	5745	Ant1	11.34	30	Pass
NVNT	ac20	5785	Ant1	11.01	30	Pass
NVNT	ac20	5825	Ant1	10.85	30	Pass
NVNT	ac40	5755	Ant1	11.36	30	Pass
NVNT	ac40	5795	Ant1	11.18	30	Pass
NVNT	ac80	5775	Ant1	9.13	30	Pass

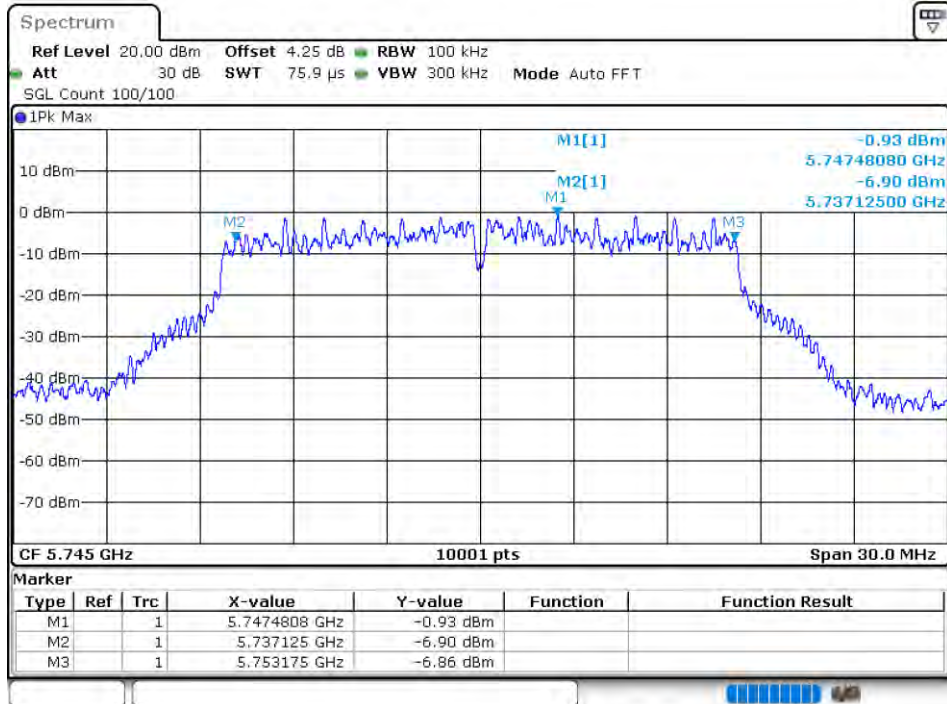
Note: The average power contains duty cycle

-6dB Bandwidth

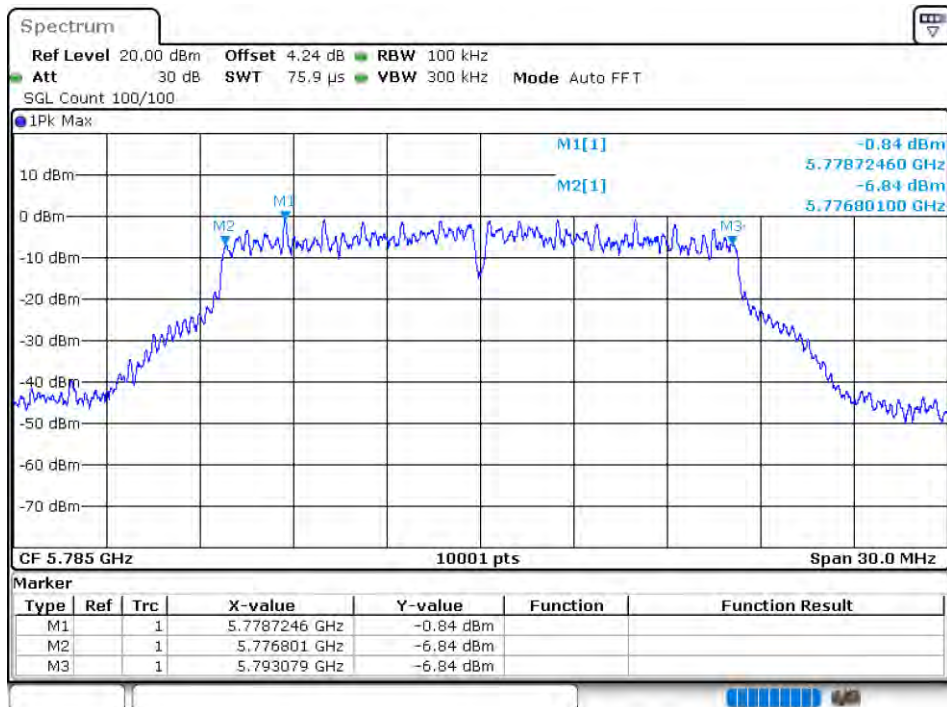
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.05	0.5	Pass
NVNT	a	5785	Ant1	16.278	0.5	Pass
NVNT	a	5825	Ant1	16.053	0.5	Pass
NVNT	n20	5745	Ant1	17.61	0.5	Pass
NVNT	n20	5785	Ant1	17.595	0.5	Pass
NVNT	n20	5825	Ant1	17.652	0.5	Pass
NVNT	n40	5755	Ant1	36.042	0.5	Pass
NVNT	n40	5795	Ant1	36.006	0.5	Pass
NVNT	ac20	5745	Ant1	17.574	0.5	Pass
NVNT	ac20	5785	Ant1	17.031	0.5	Pass
NVNT	ac20	5825	Ant1	17.619	0.5	Pass
NVNT	ac40	5755	Ant1	36	0.5	Pass
NVNT	ac40	5795	Ant1	36.288	0.5	Pass
NVNT	ac80	5775	Ant1	75.144	0.5	Pass

Test Graphs

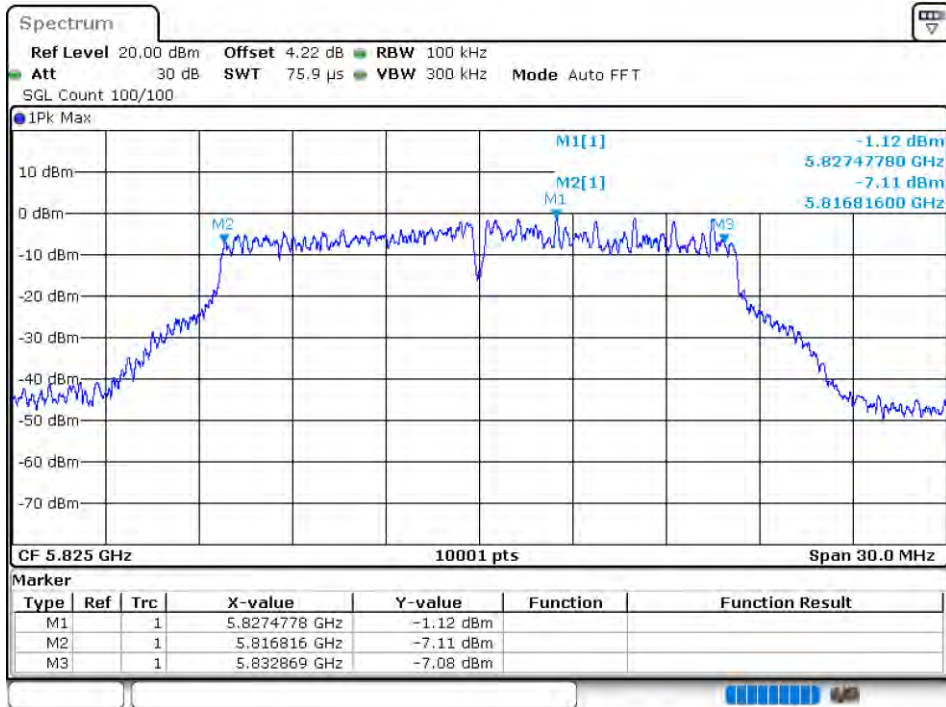
-6dB Bandwidth NVNT a 5745MHz Ant1



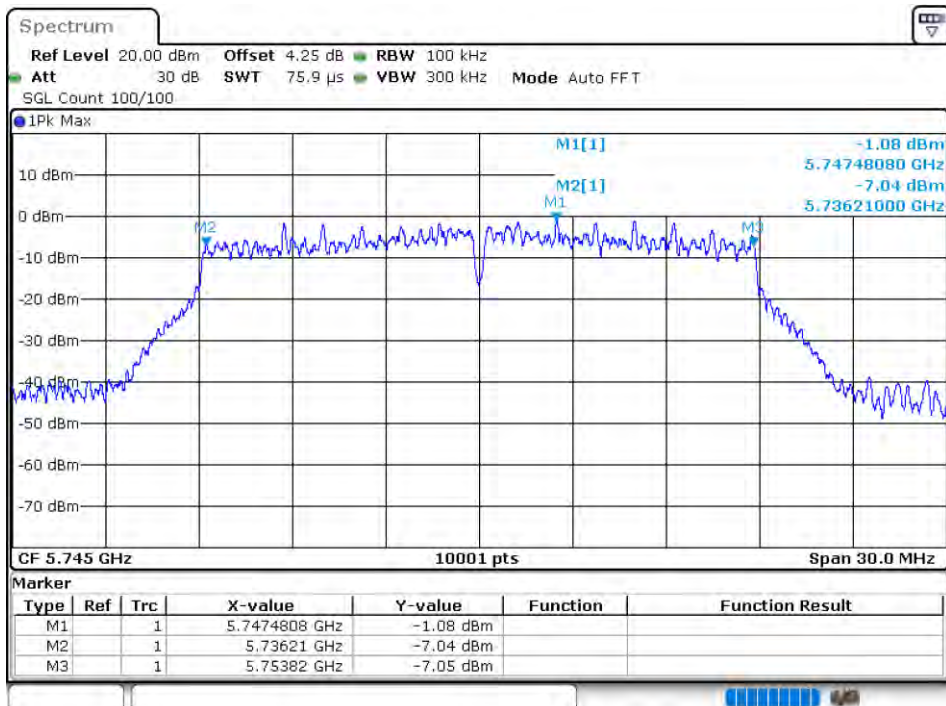
-6dB Bandwidth NVNT a 5785MHz Ant1



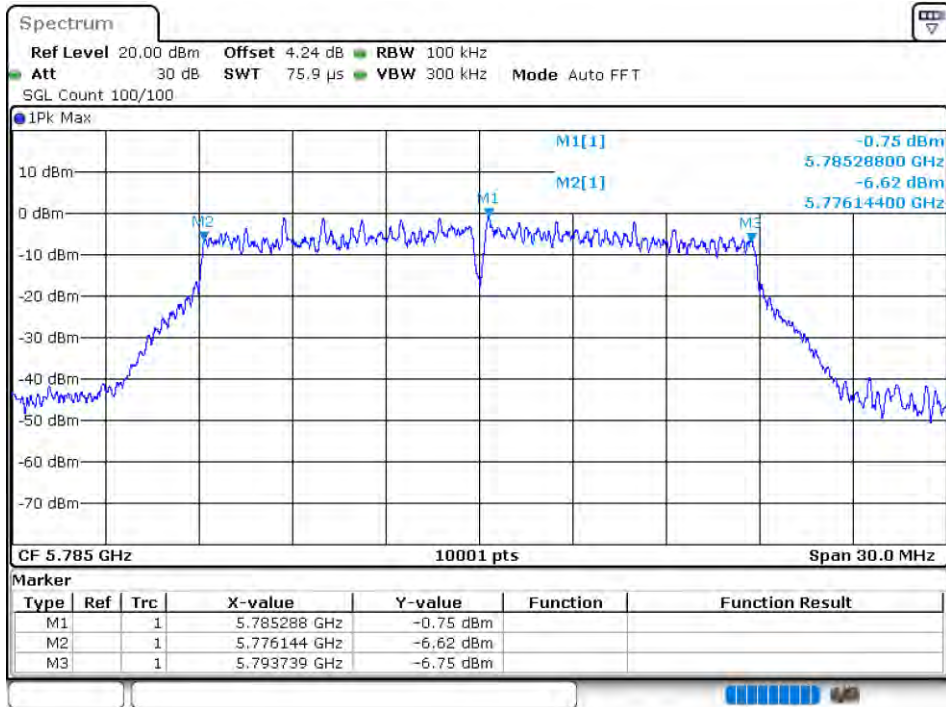
-6dB Bandwidth NVNT a 5825MHz Ant1



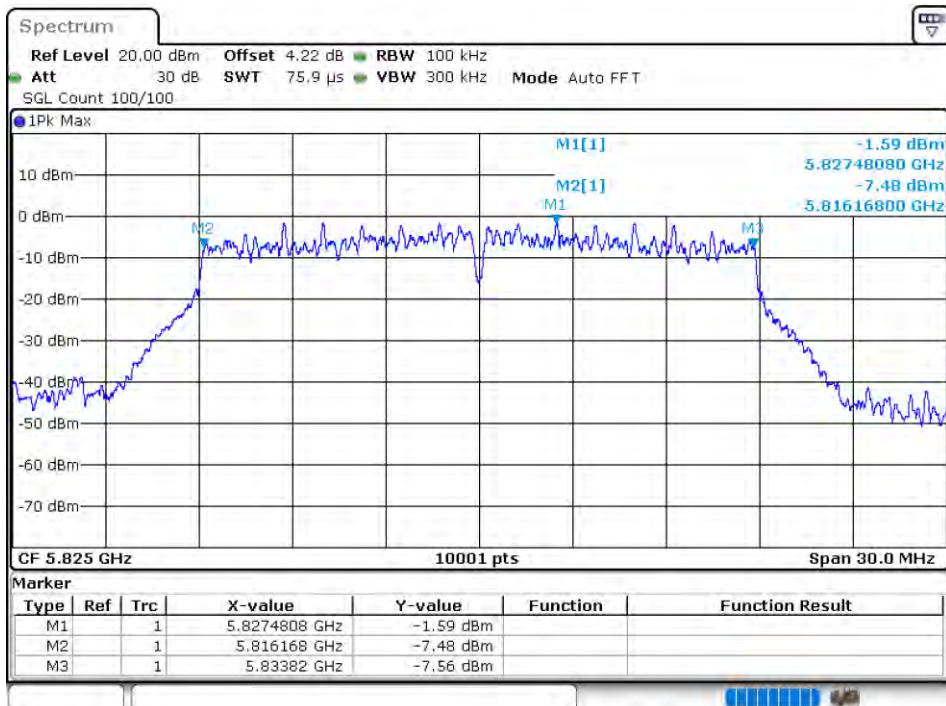
-6dB Bandwidth NVNT n20 5745MHz Ant1



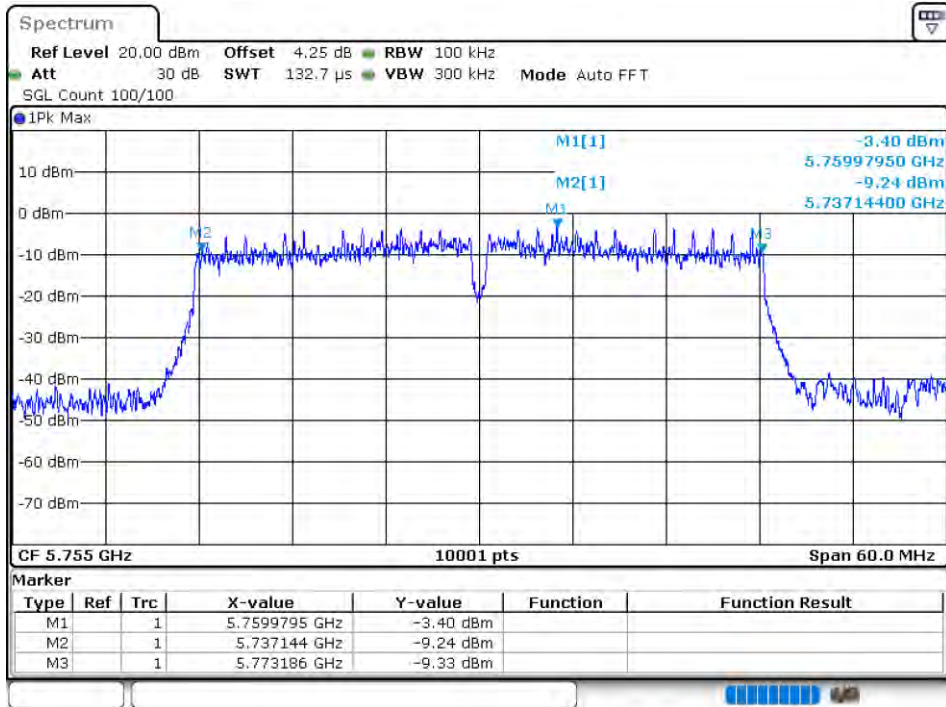
-6dB Bandwidth NVNT n20 5785MHz Ant1



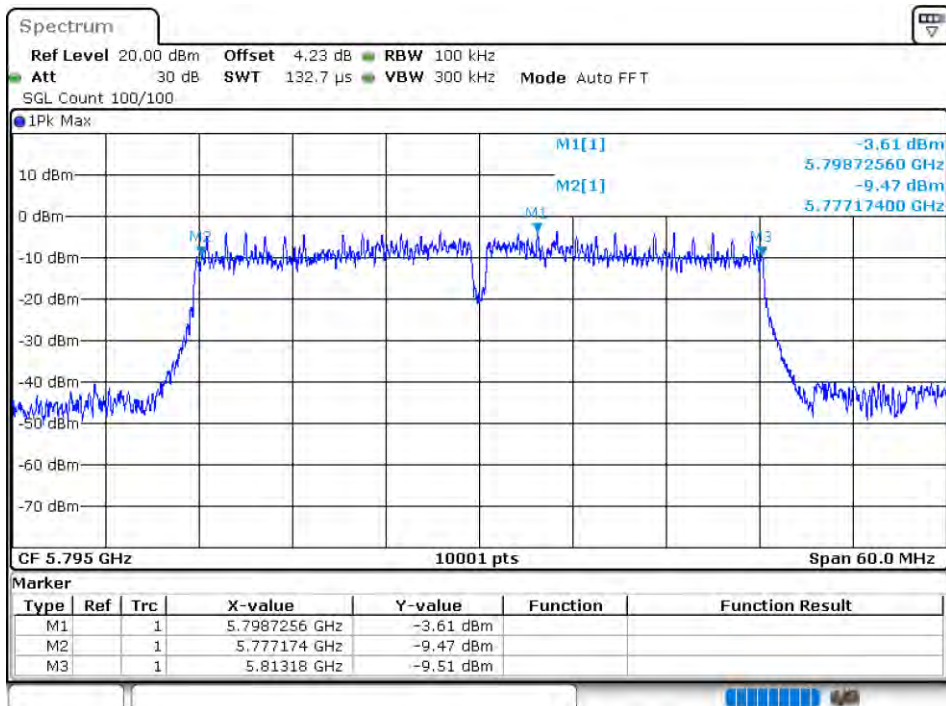
-6dB Bandwidth NVNT n20 5825MHz Ant1



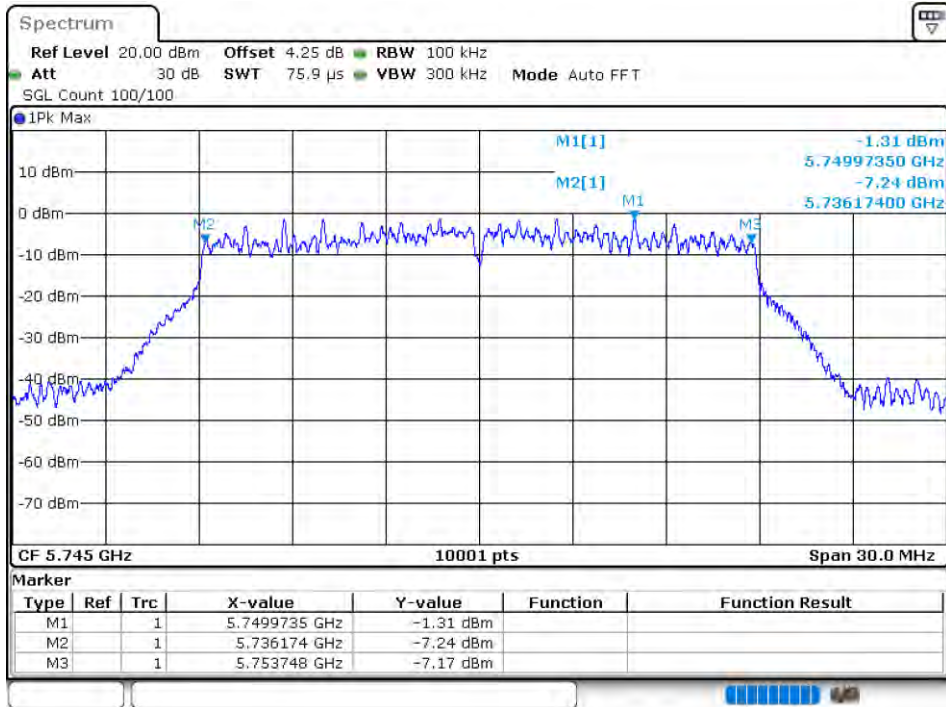
-6dB Bandwidth NVNT n40 5755MHz Ant1



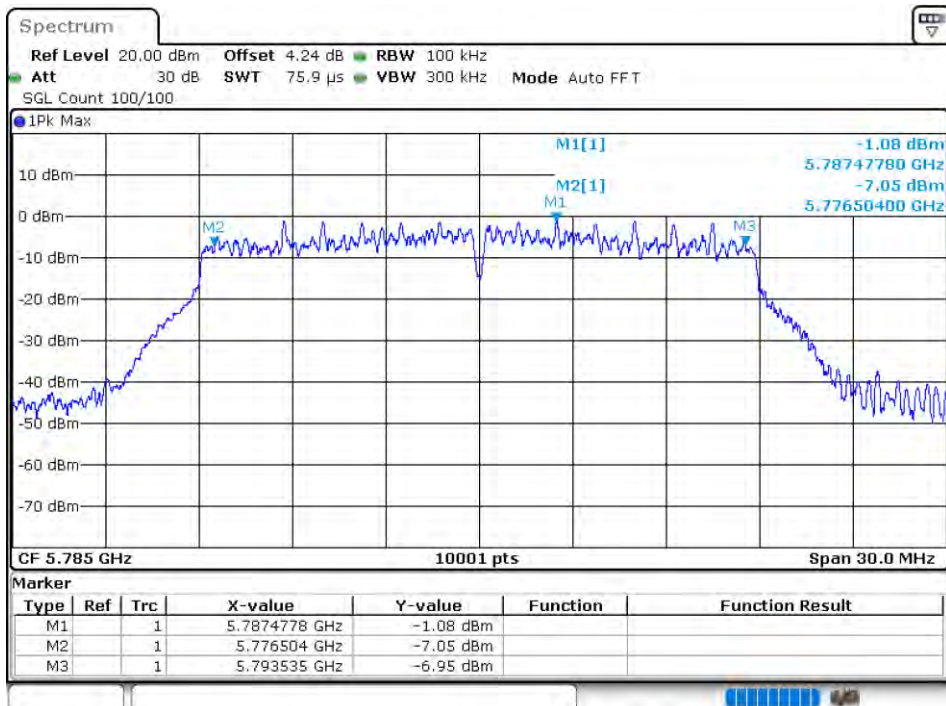
-6dB Bandwidth NVNT n40 5795MHz Ant1



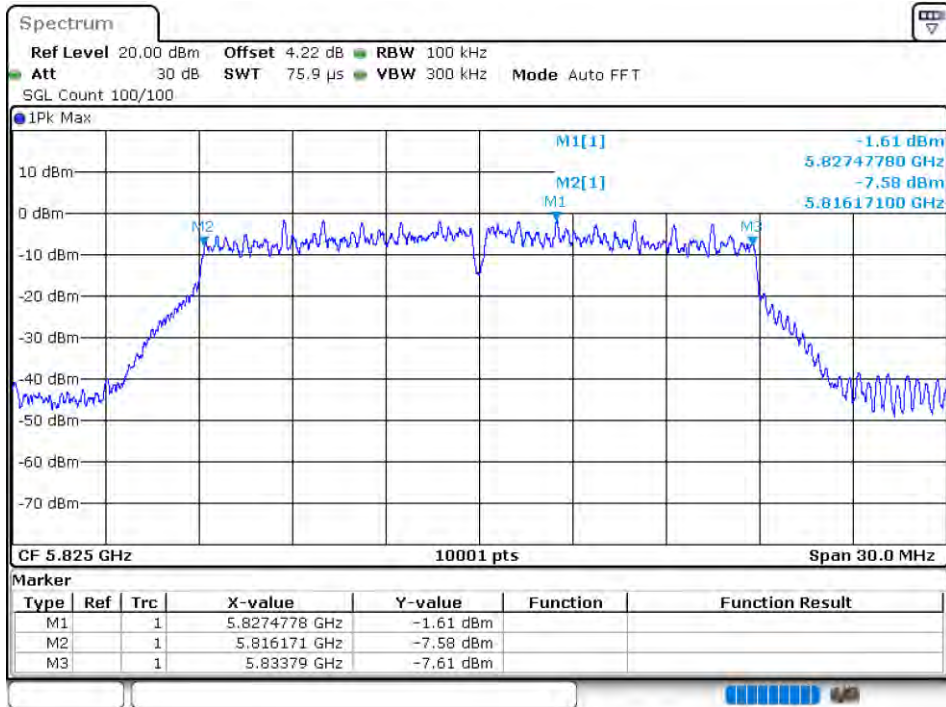
-6dB Bandwidth NVNT ac20 5745MHz Ant1



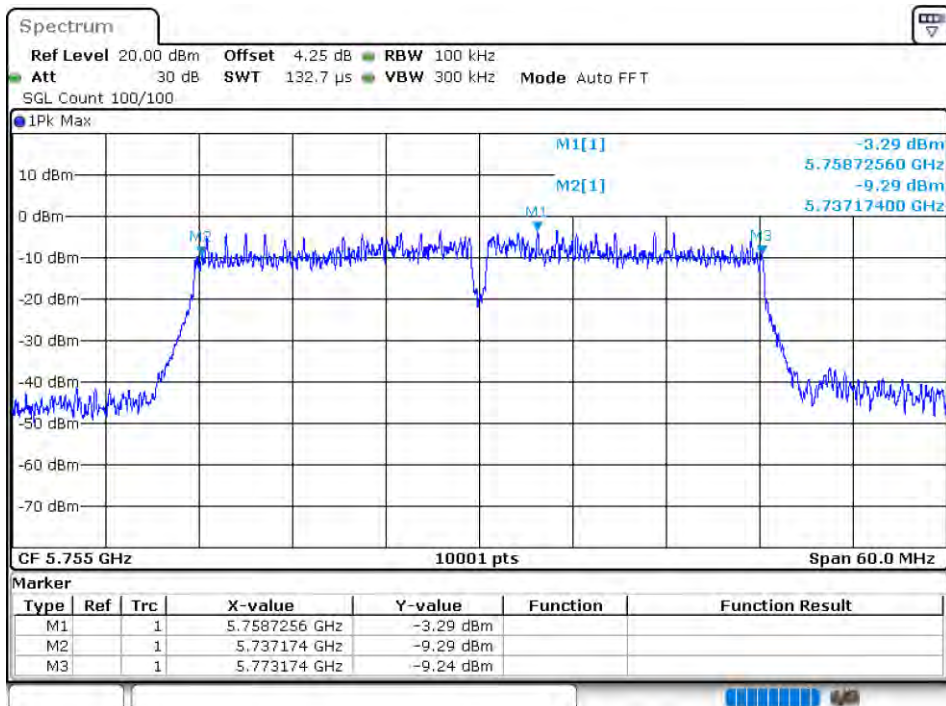
-6dB Bandwidth NVNT ac20 5785MHz Ant1



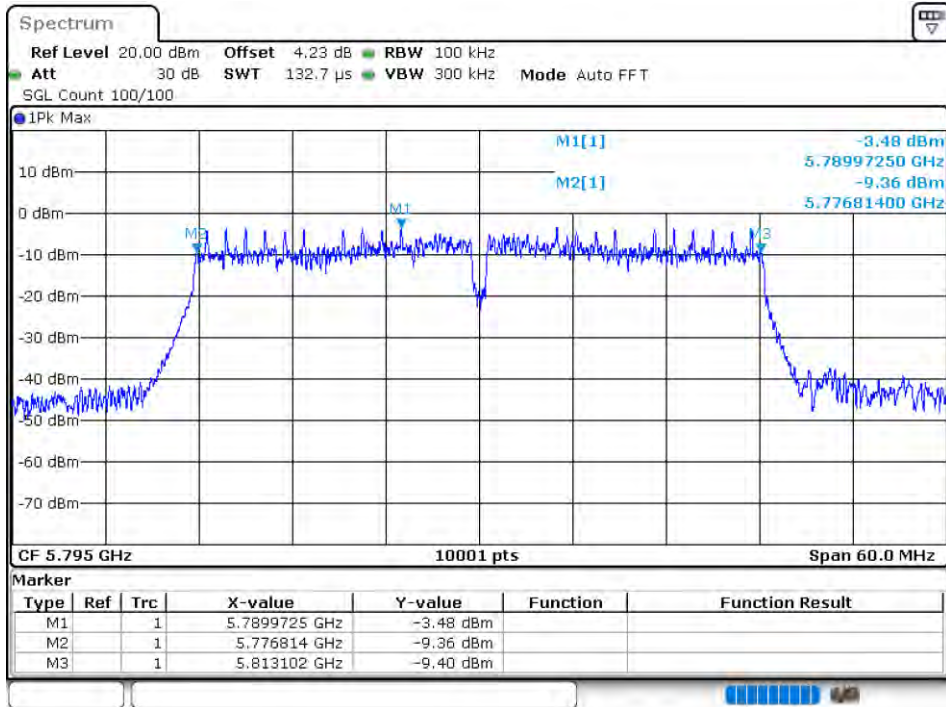
-6dB Bandwidth NVNT ac20 5825MHz Ant1



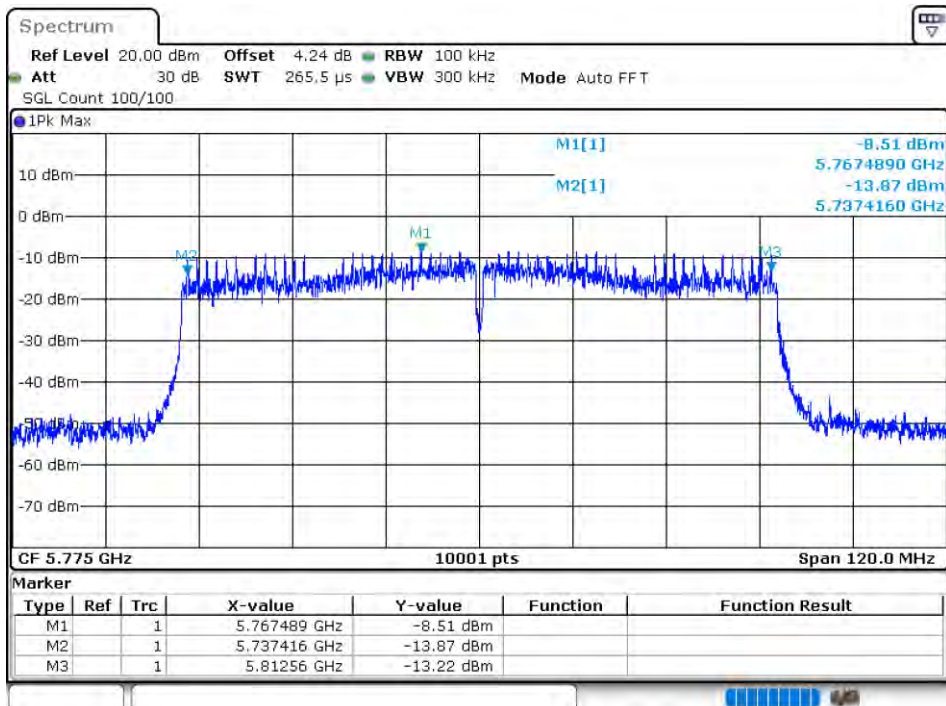
-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1

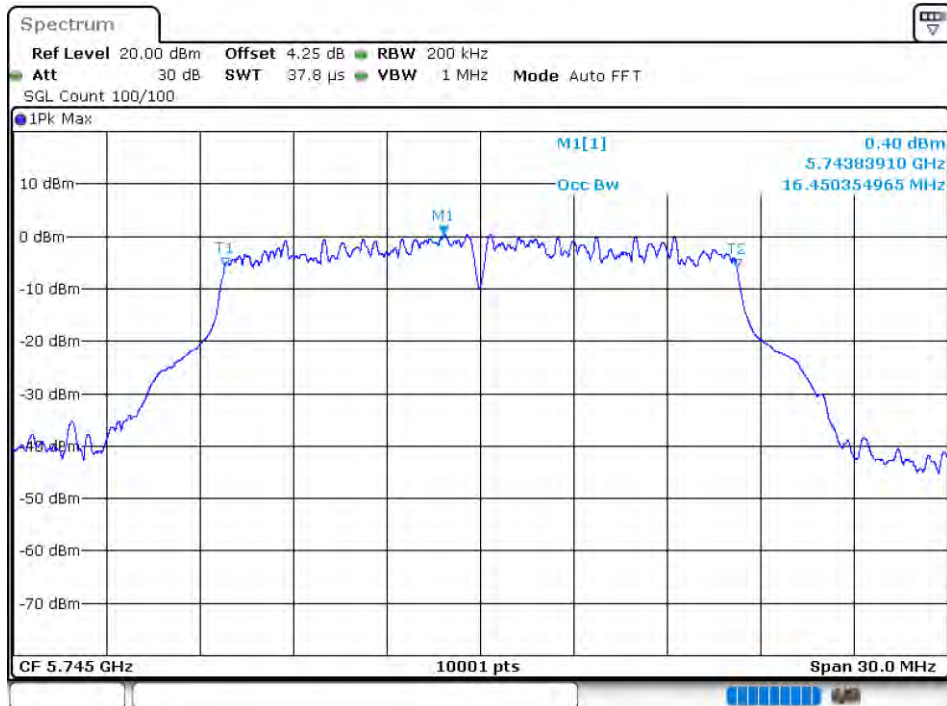


Occupied Channel Bandwidth

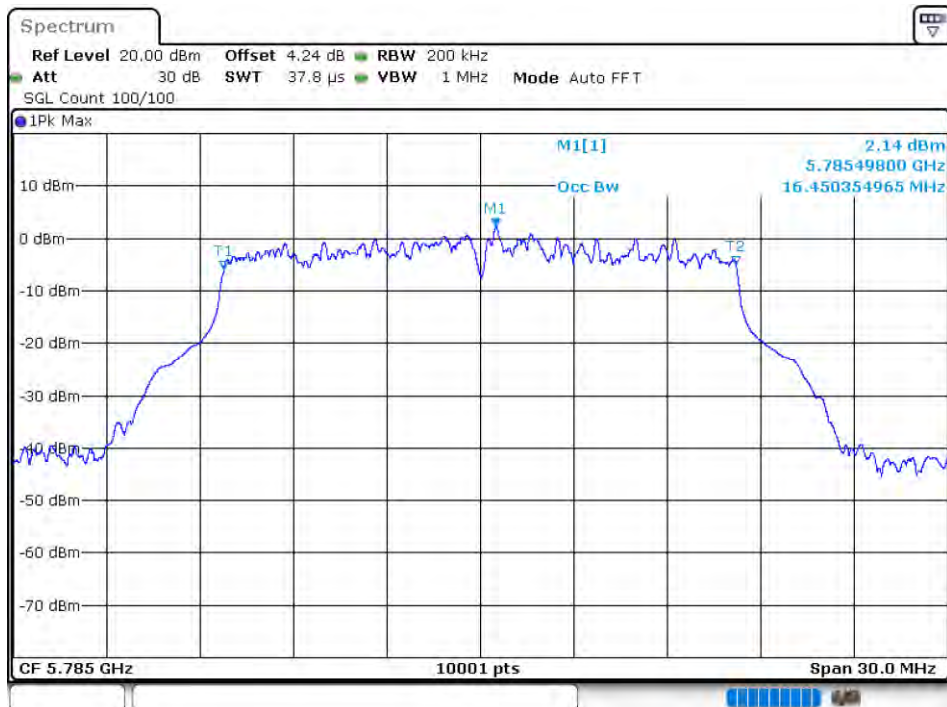
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.45
NVNT	a	5785	Ant1	16.45
NVNT	a	5825	Ant1	16.438
NVNT	n20	5745	Ant1	17.656
NVNT	n20	5785	Ant1	17.701
NVNT	n20	5825	Ant1	17.74
NVNT	n40	5755	Ant1	36.188
NVNT	n40	5795	Ant1	36.248
NVNT	ac20	5745	Ant1	17.719
NVNT	ac20	5785	Ant1	17.869
NVNT	ac20	5825	Ant1	17.659
NVNT	ac40	5755	Ant1	36.464
NVNT	ac40	5795	Ant1	36.524
NVNT	ac80	5775	Ant1	75.46

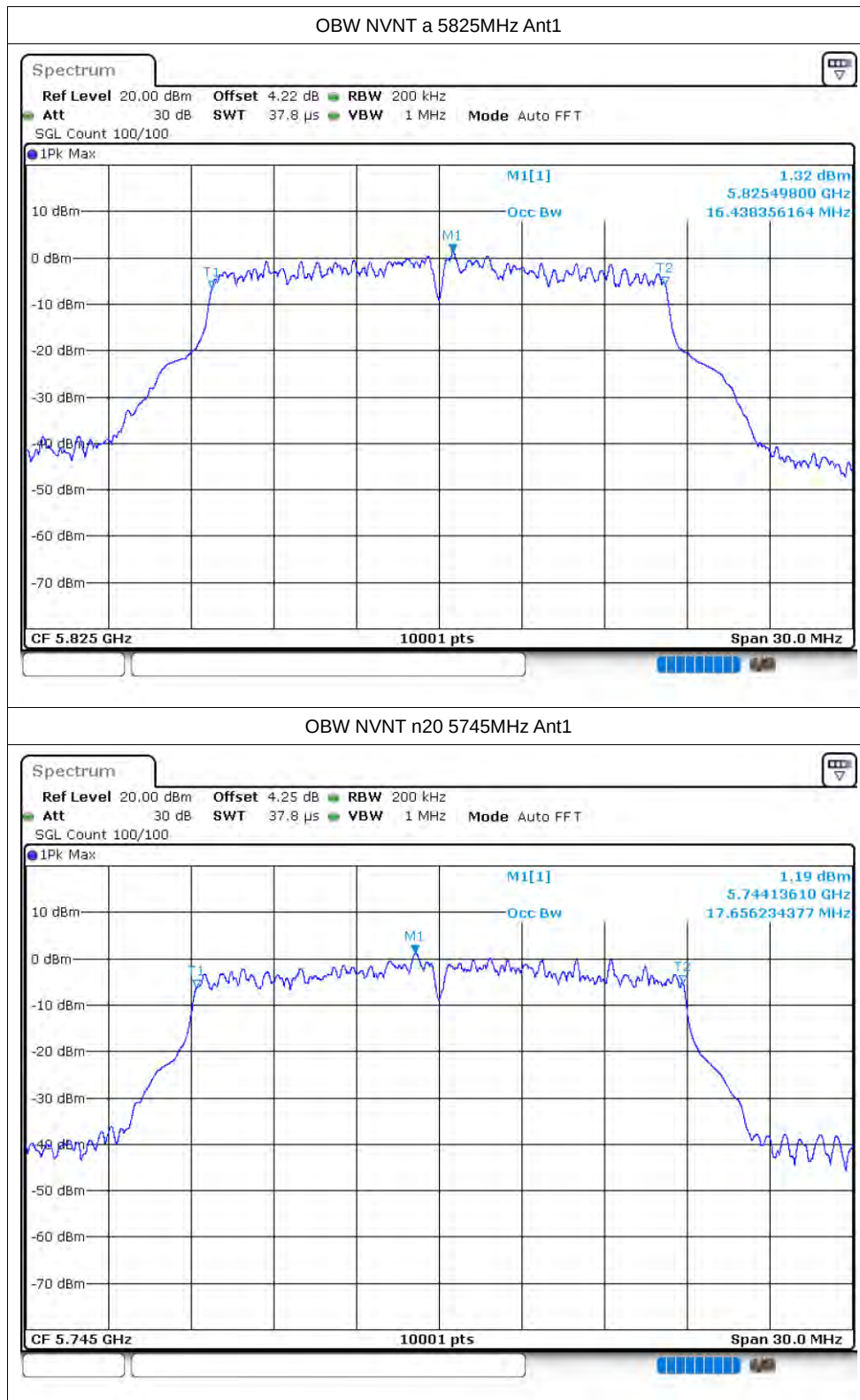
Test Graphs

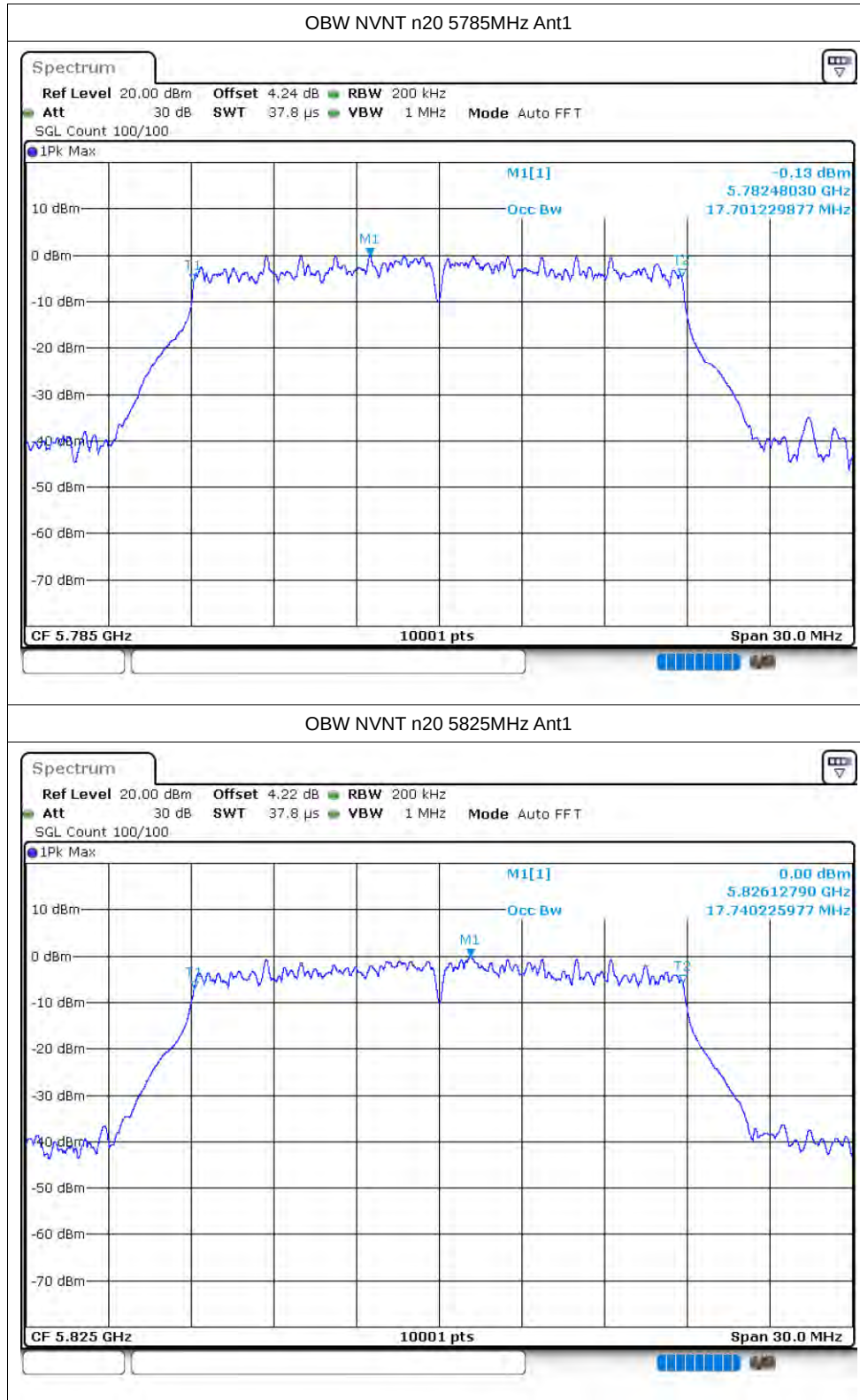
OBW NVNT a 5745MHz Ant1

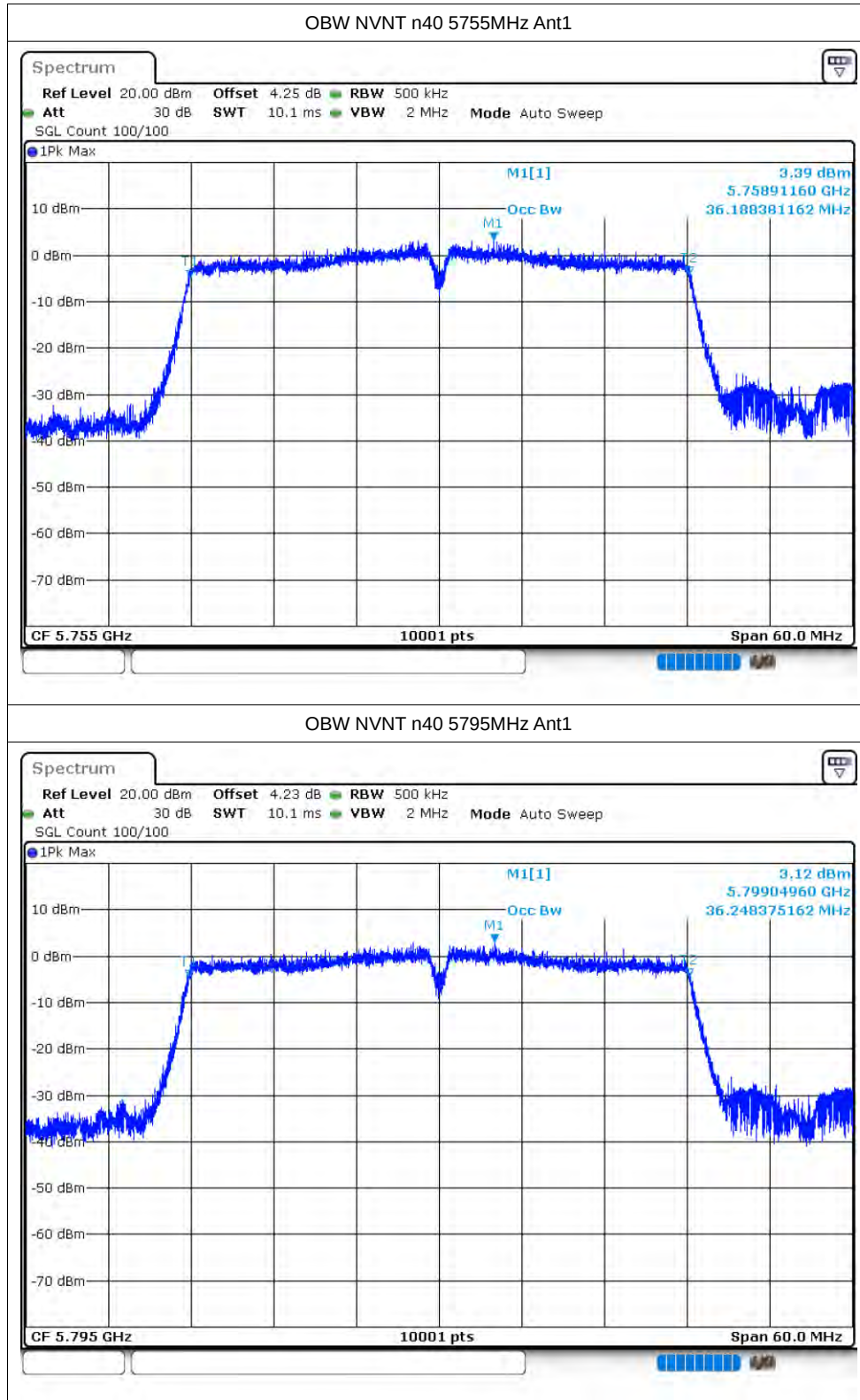


OBW NVNT a 5785MHz Ant1

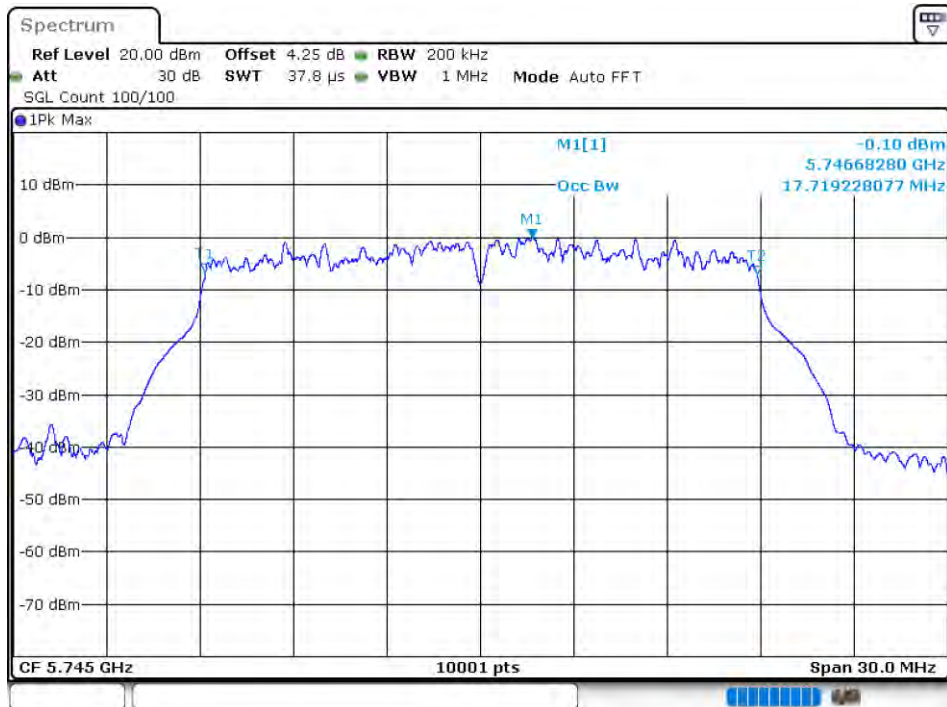




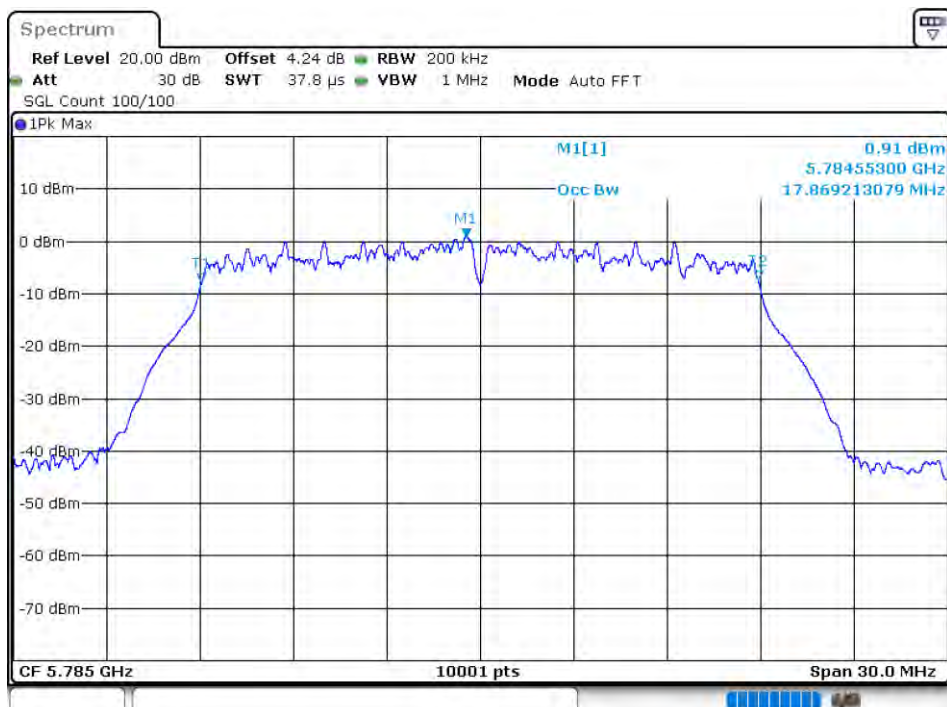


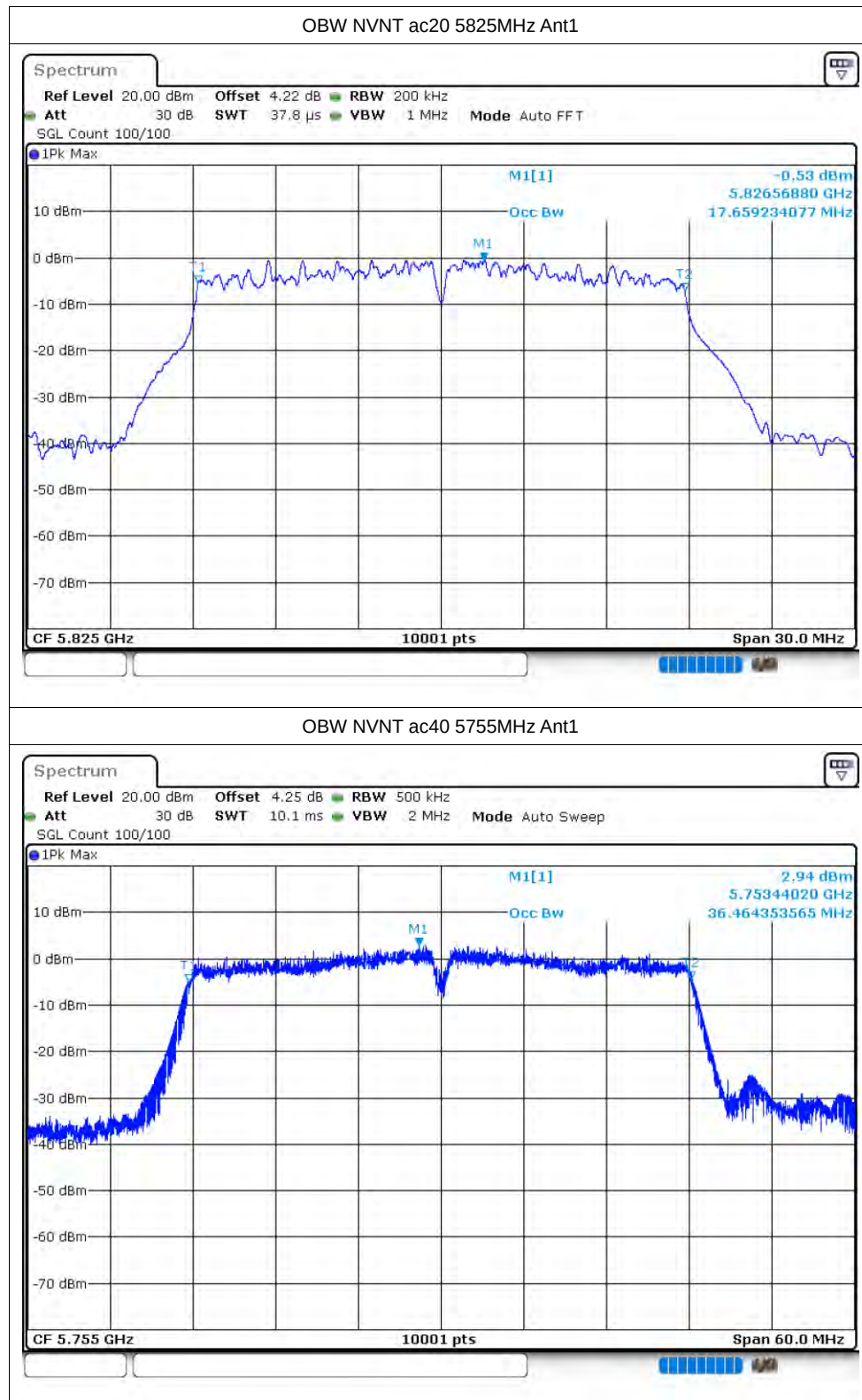


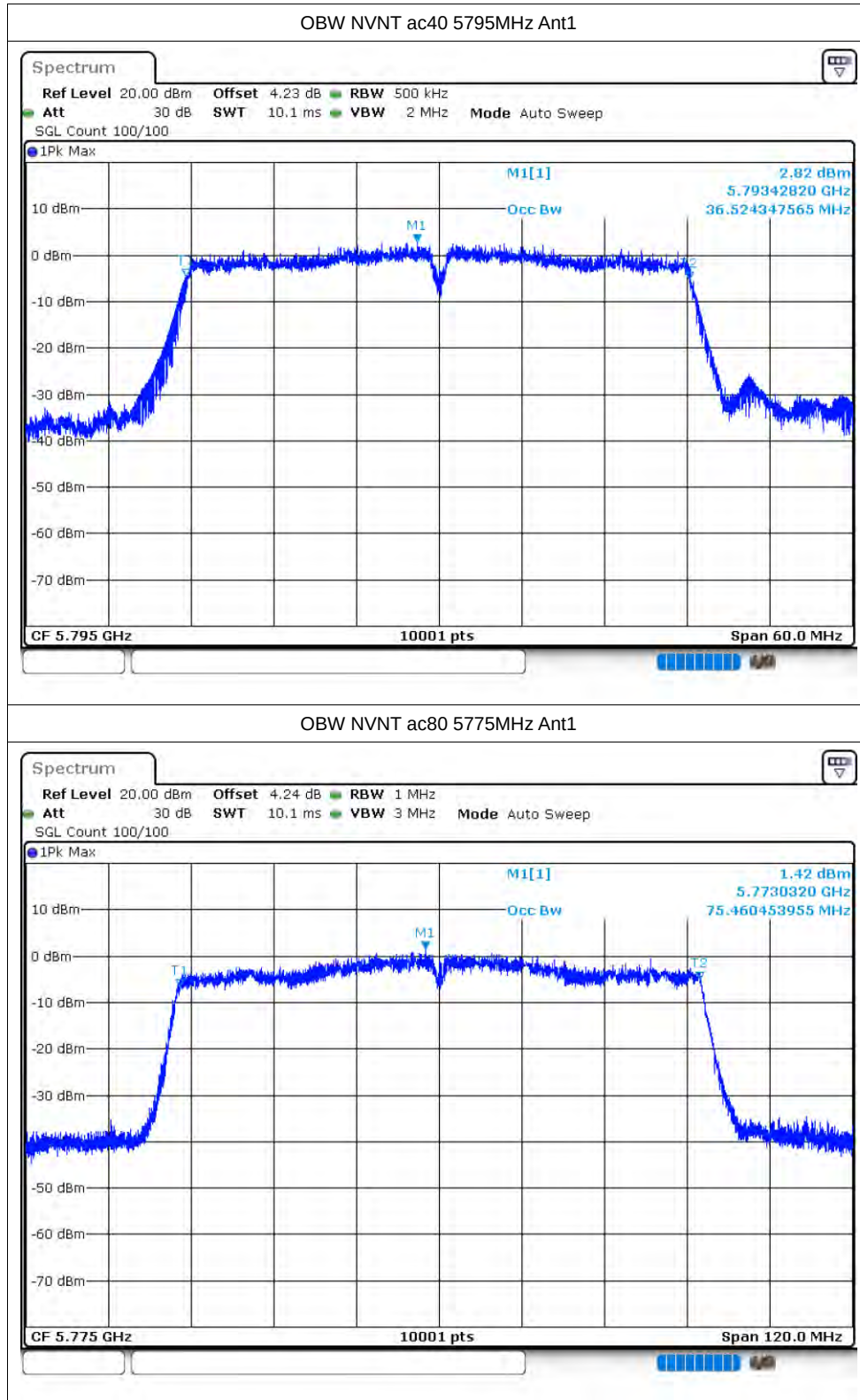
OBW NVNT ac20 5745MHz Ant1



OBW NVNT ac20 5785MHz Ant1





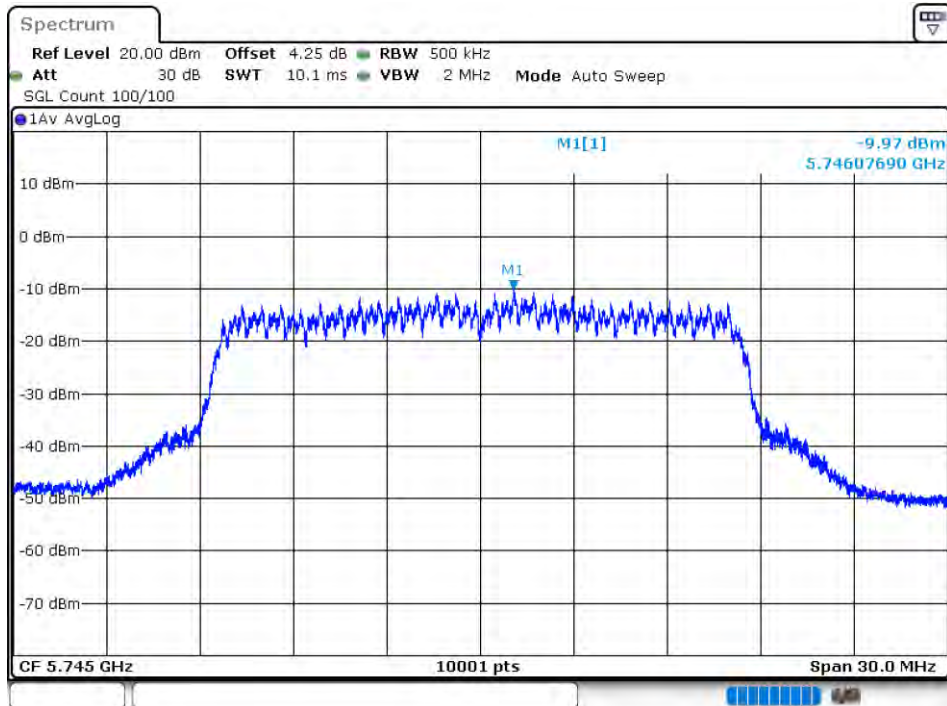


Maximum Power Spectral Density Level

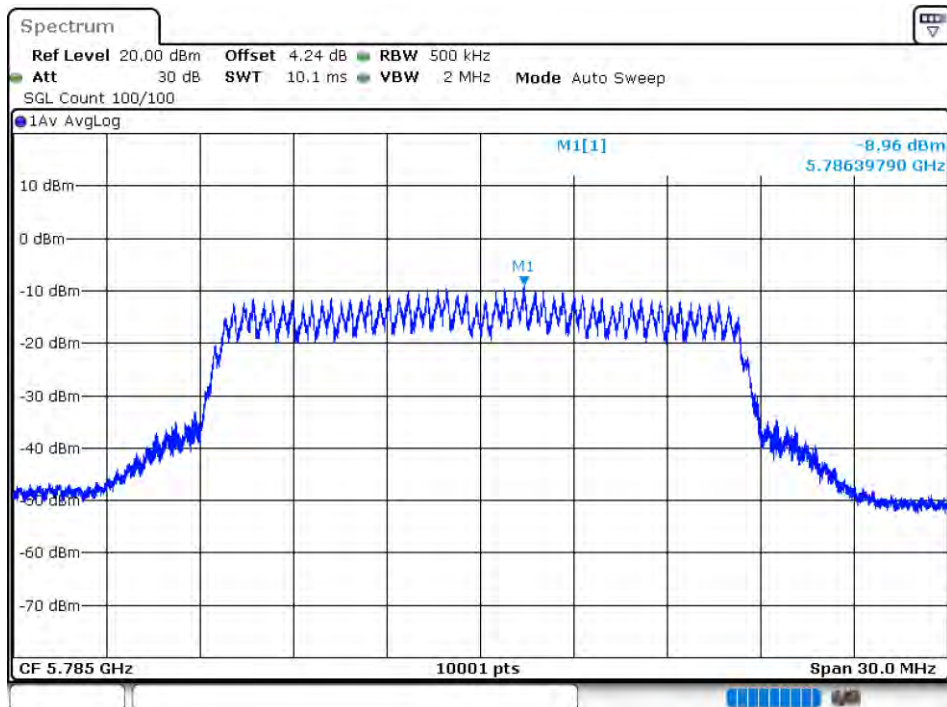
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-9.97	0.67	-9.3	28.2	Pass
NVNT	a	5785	Ant1	-8.96	0.69	-8.27	28.2	Pass
NVNT	a	5825	Ant1	-10.48	0.2	-10.28	28.2	Pass
NVNT	n20	5745	Ant1	-8.07	0.71	-7.36	28.2	Pass
NVNT	n20	5785	Ant1	-9.32	0.73	-8.59	28.2	Pass
NVNT	n20	5825	Ant1	-10.66	0.21	-10.45	28.2	Pass
NVNT	n40	5755	Ant1	-17.87	1.04	-16.83	28.2	Pass
NVNT	n40	5795	Ant1	-16.97	1.04	-15.93	28.2	Pass
NVNT	ac20	5745	Ant1	-11.02	0.69	-10.33	28.2	Pass
NVNT	ac20	5785	Ant1	-8.24	0.71	-7.53	28.2	Pass
NVNT	ac20	5825	Ant1	-11.39	0.71	-10.68	28.2	Pass
NVNT	ac40	5755	Ant1	-17.52	1.1	-16.42	28.2	Pass
NVNT	ac40	5795	Ant1	-16.82	1.1	-15.72	28.2	Pass
NVNT	ac80	5775	Ant1	-26.54	1.56	-24.98	28.2	Pass

Test Graphs

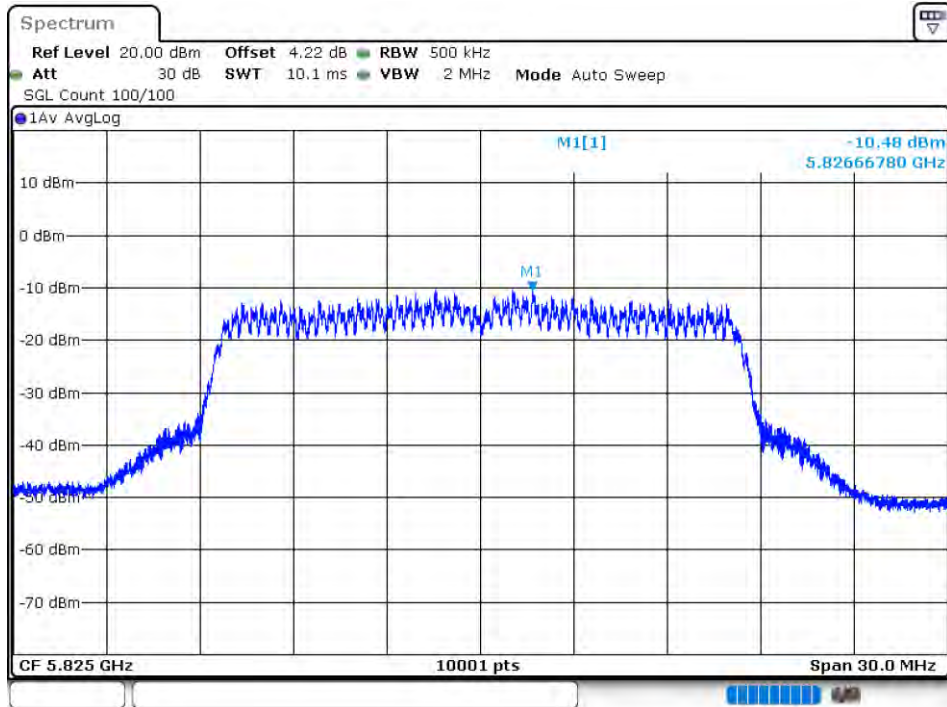
PSD NVNT a 5745MHz Ant1



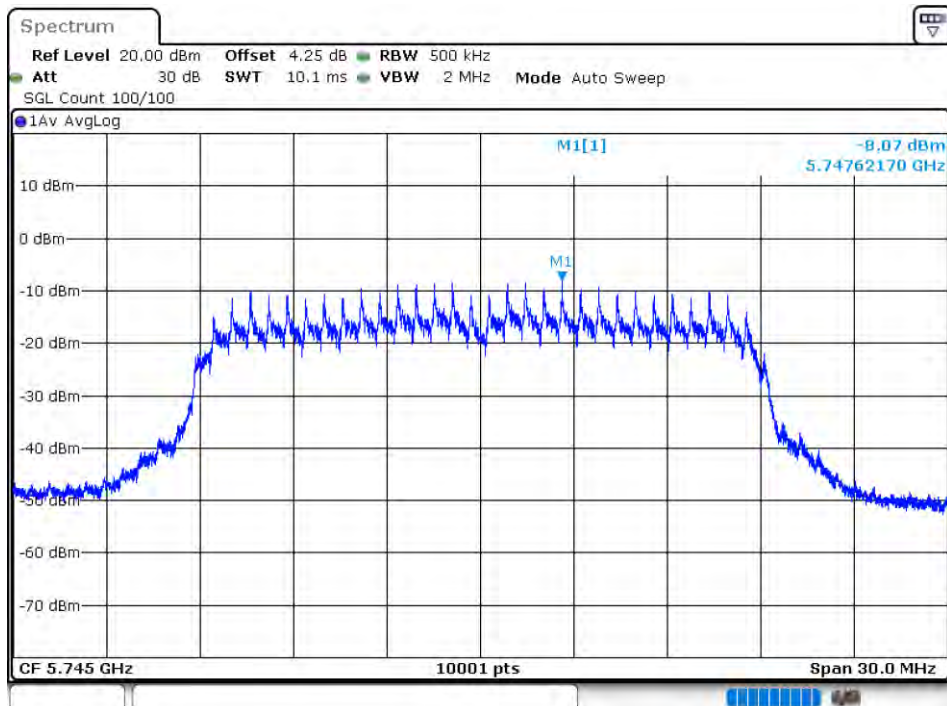
PSD NVNT a 5785MHz Ant1

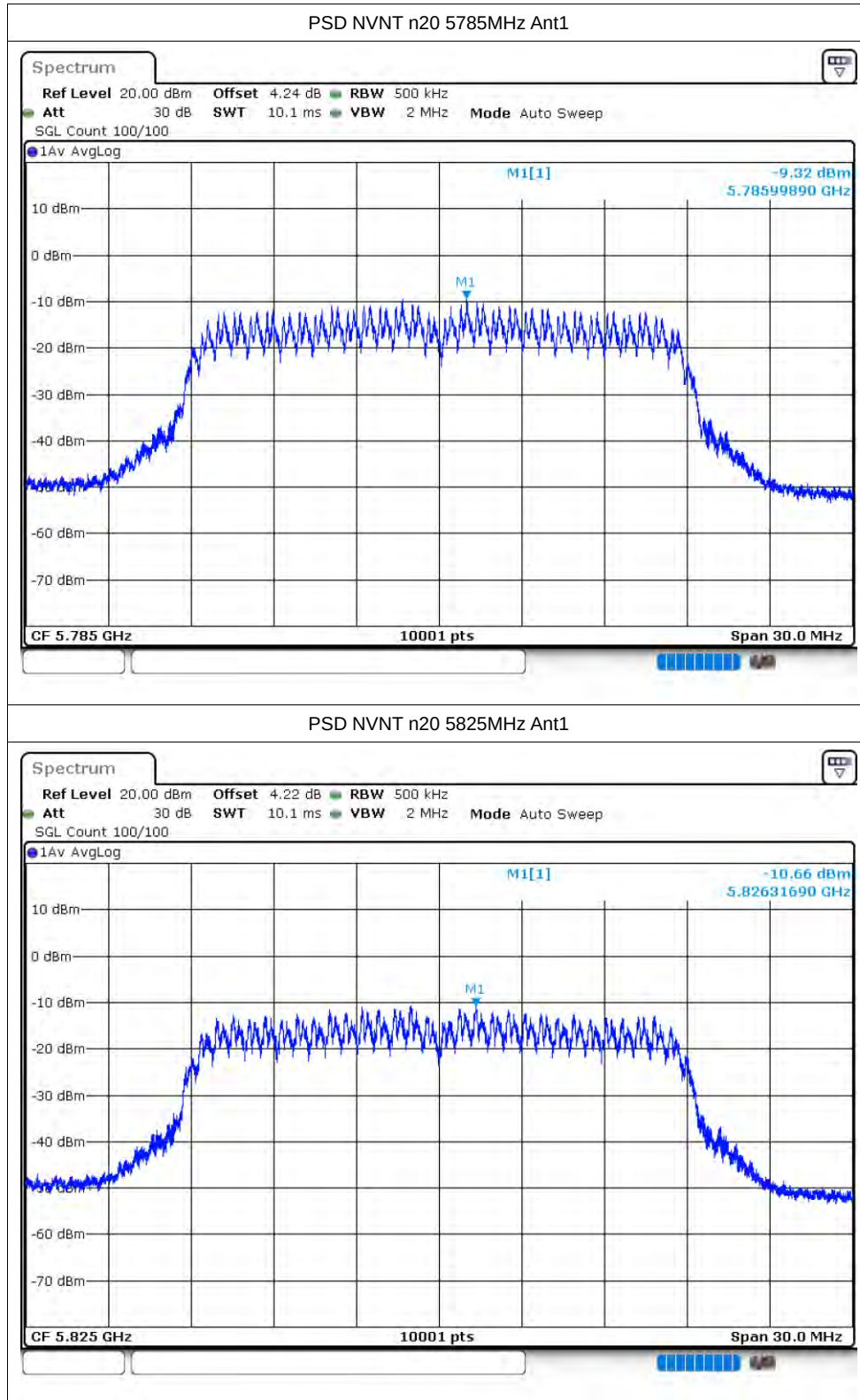


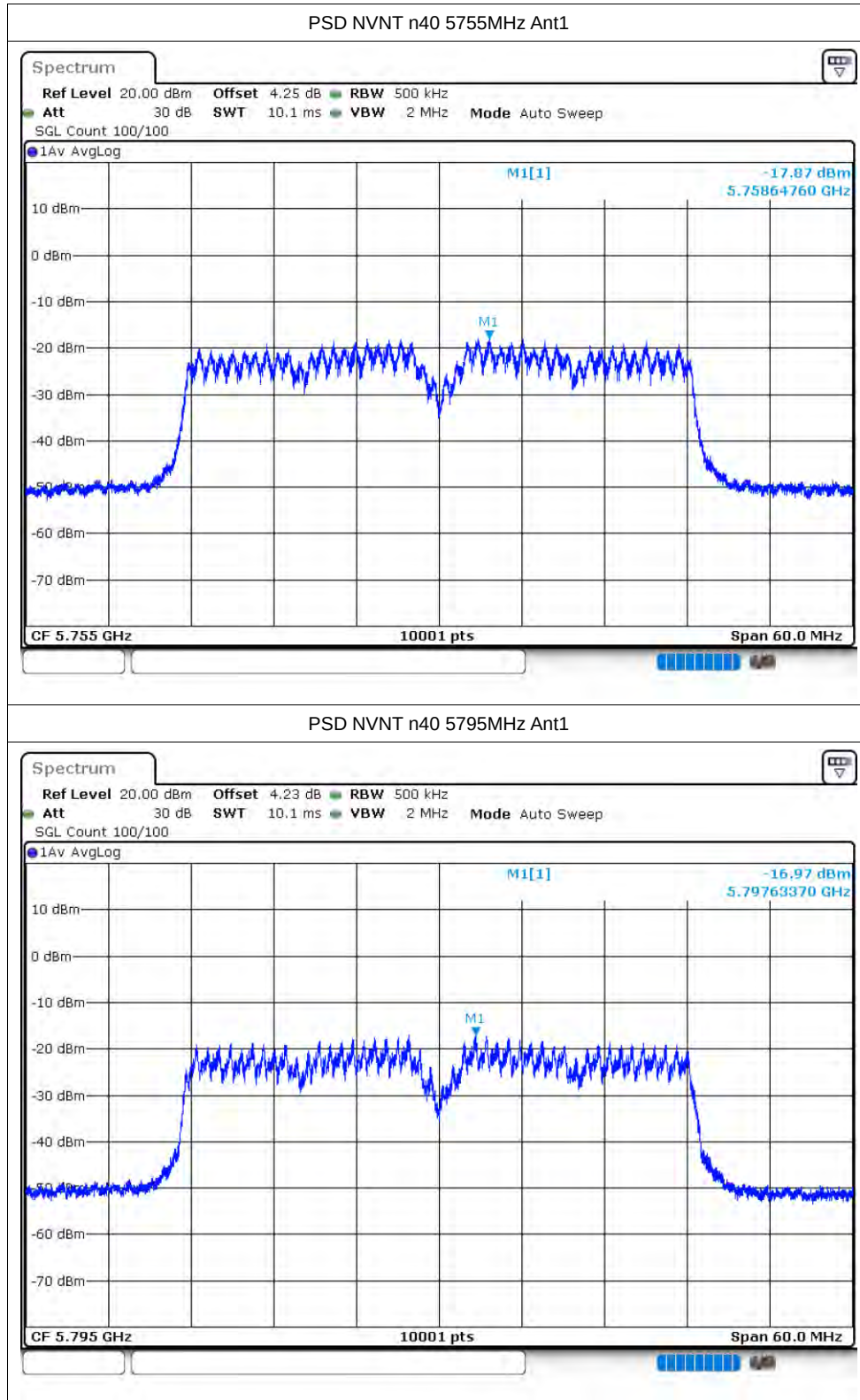
PSD NVNT a 5825MHz Ant1

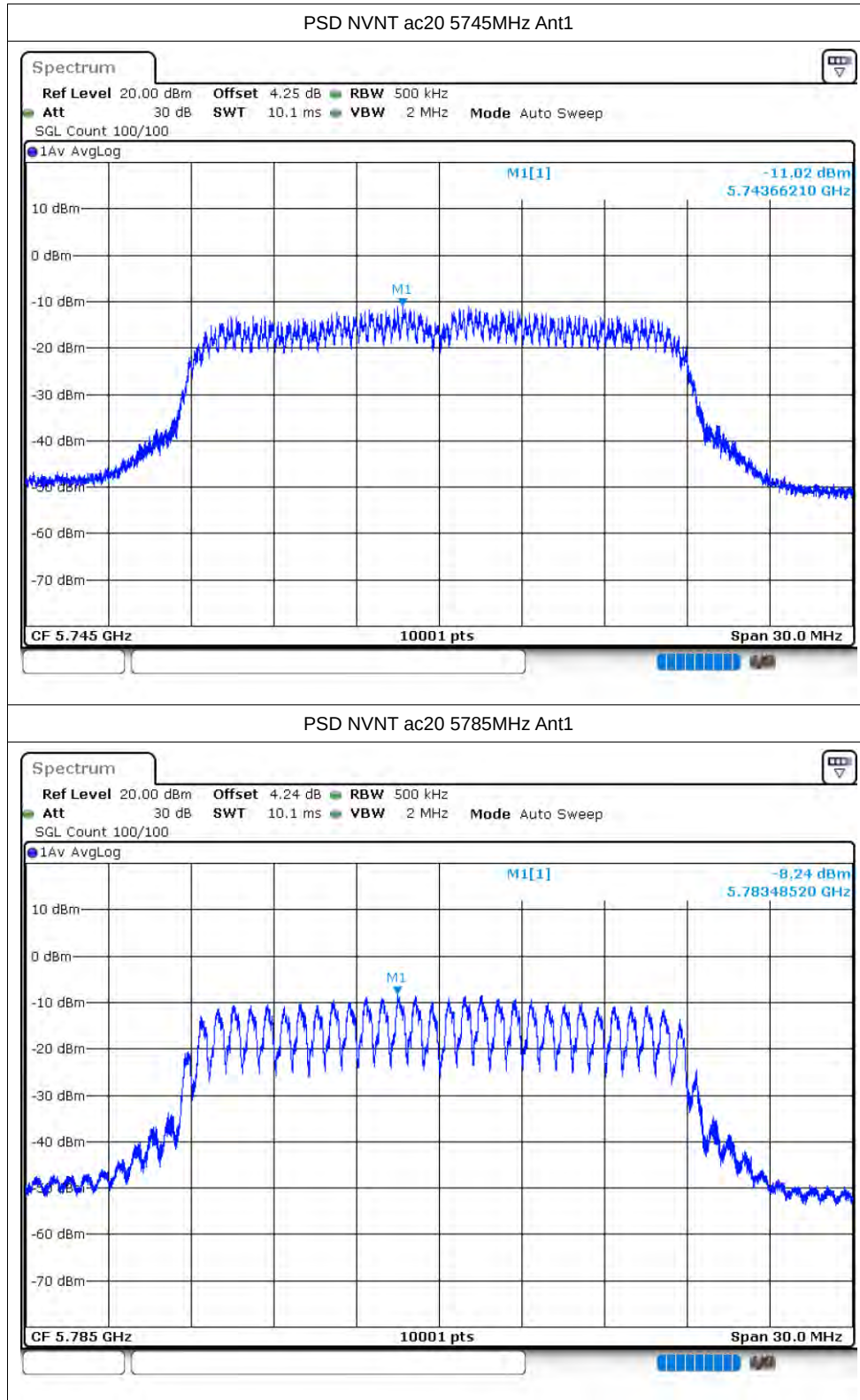


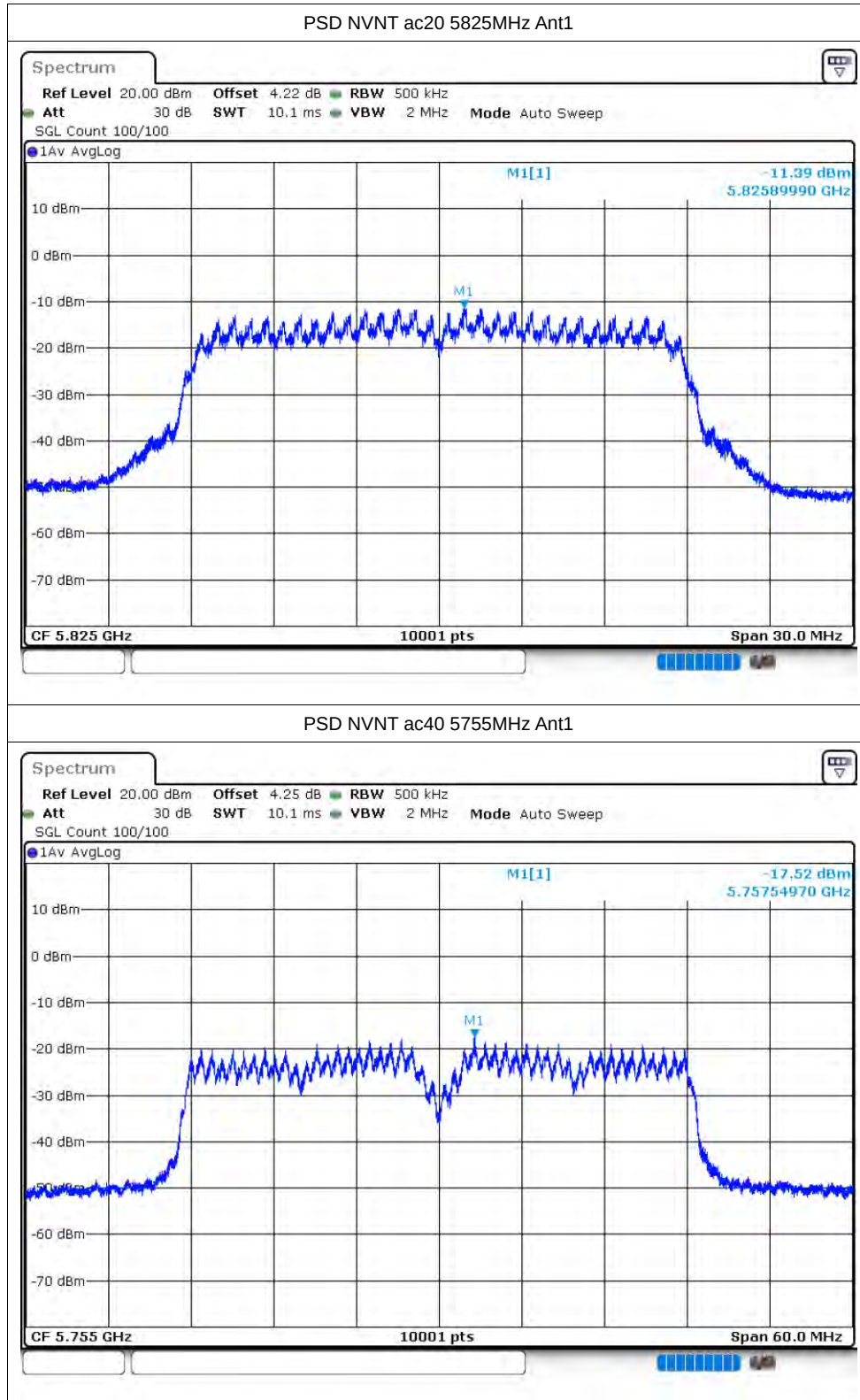
PSD NVNT n20 5745MHz Ant1

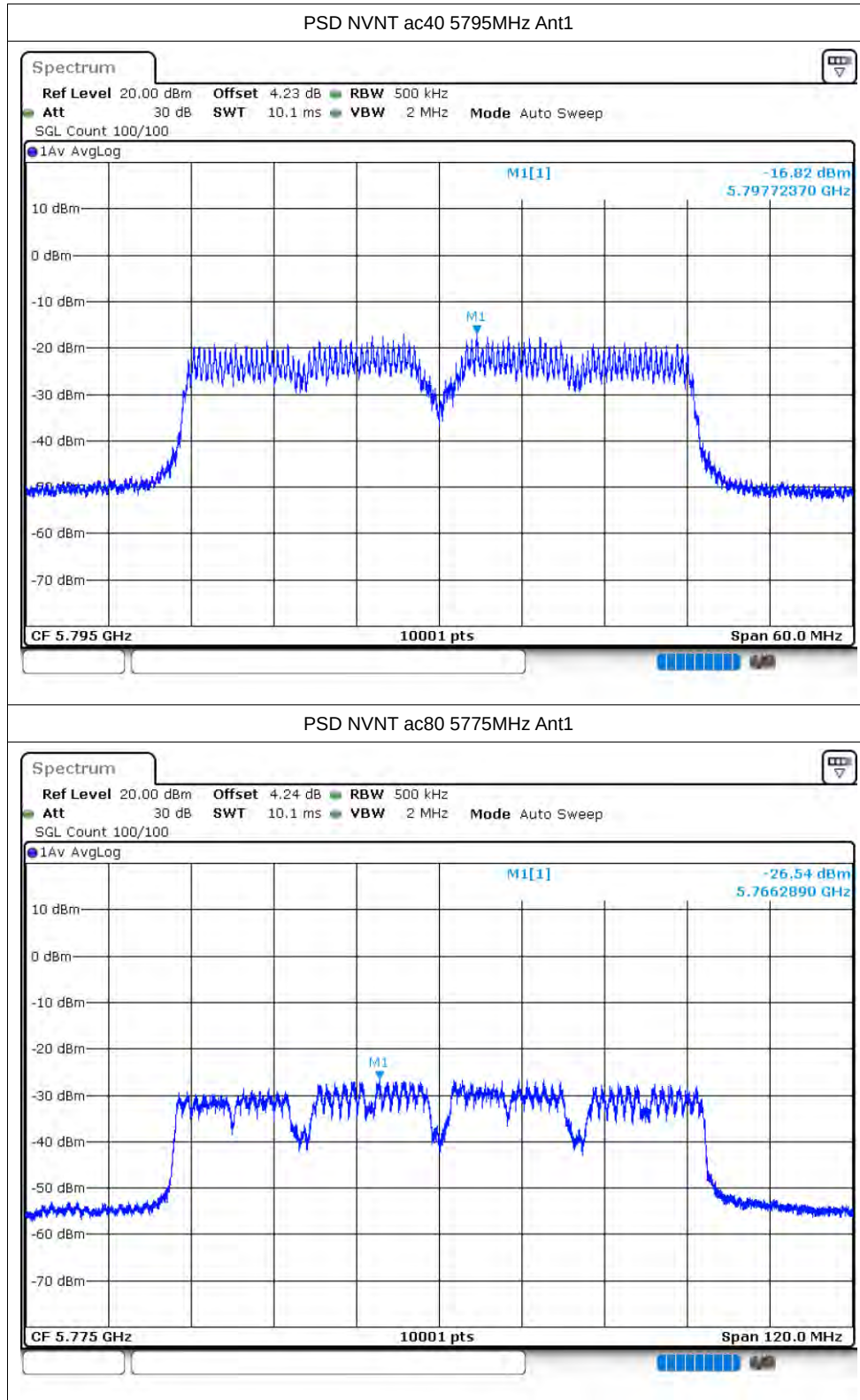










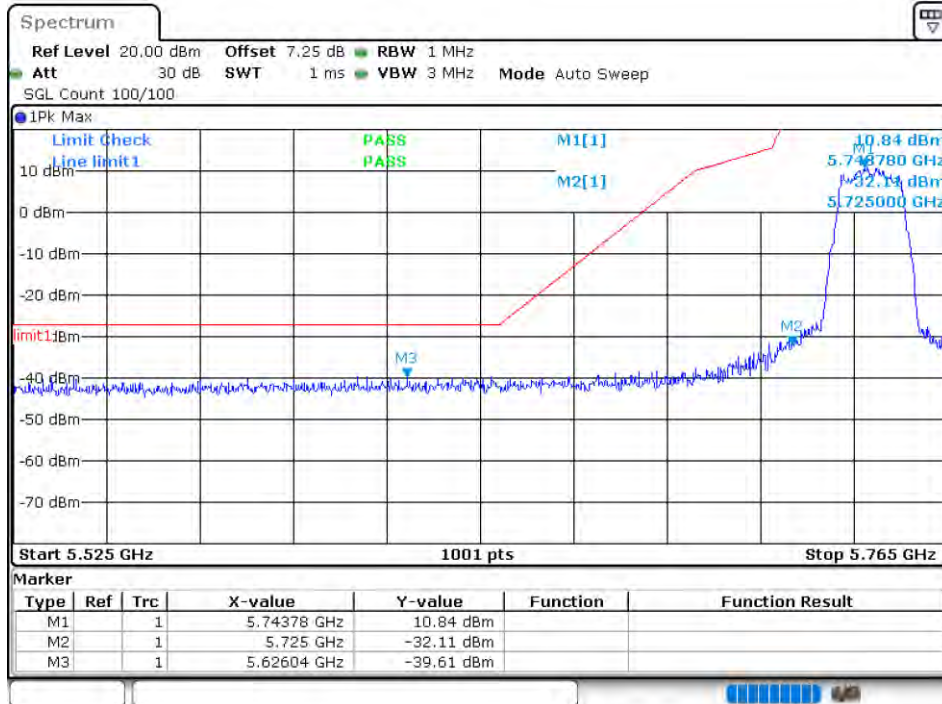


Band Edge

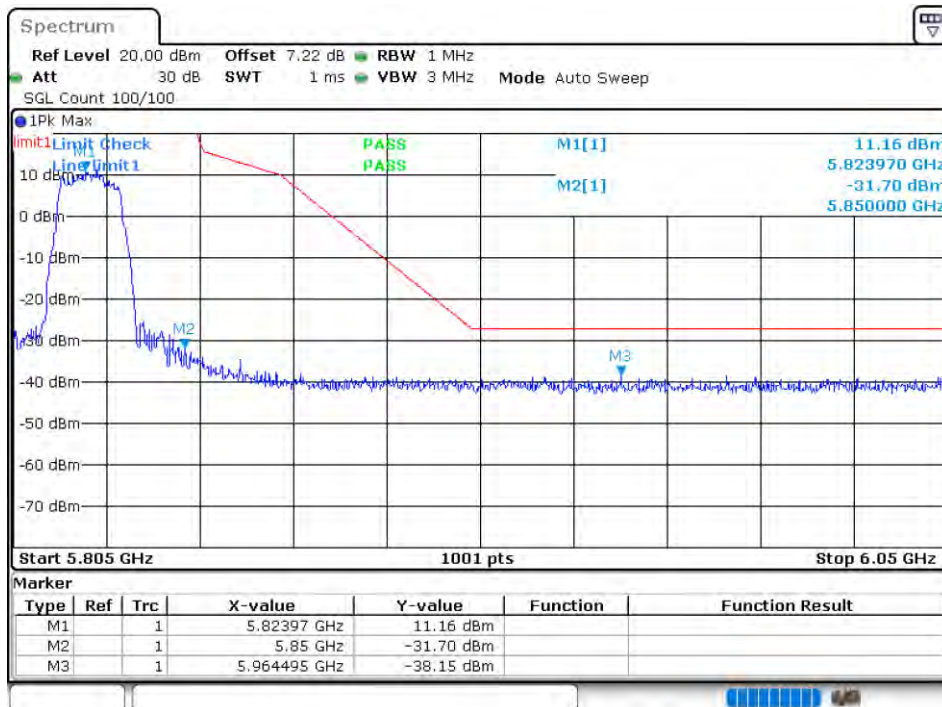
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-39.61	-27	Pass
NVNT	a	5825	Ant1	-38.14	-27	Pass
NVNT	n20	5745	Ant1	-38.95	-27	Pass
NVNT	n20	5825	Ant1	-38.18	-27	Pass
NVNT	n40	5755	Ant1	-39.29	-27	Pass
NVNT	n40	5795	Ant1	-38.13	-27	Pass
NVNT	ac20	5745	Ant1	-39.65	-27	Pass
NVNT	ac20	5825	Ant1	-38.32	-27	Pass
NVNT	ac40	5755	Ant1	-39.35	-27	Pass
NVNT	ac40	5795	Ant1	-38.35	-27	Pass
NVNT	ac80	5755	Ant1	-37.96	-27	Pass
NVNT	ac80	5755	Ant1	-38.89	-27	Pass

Test Graphs

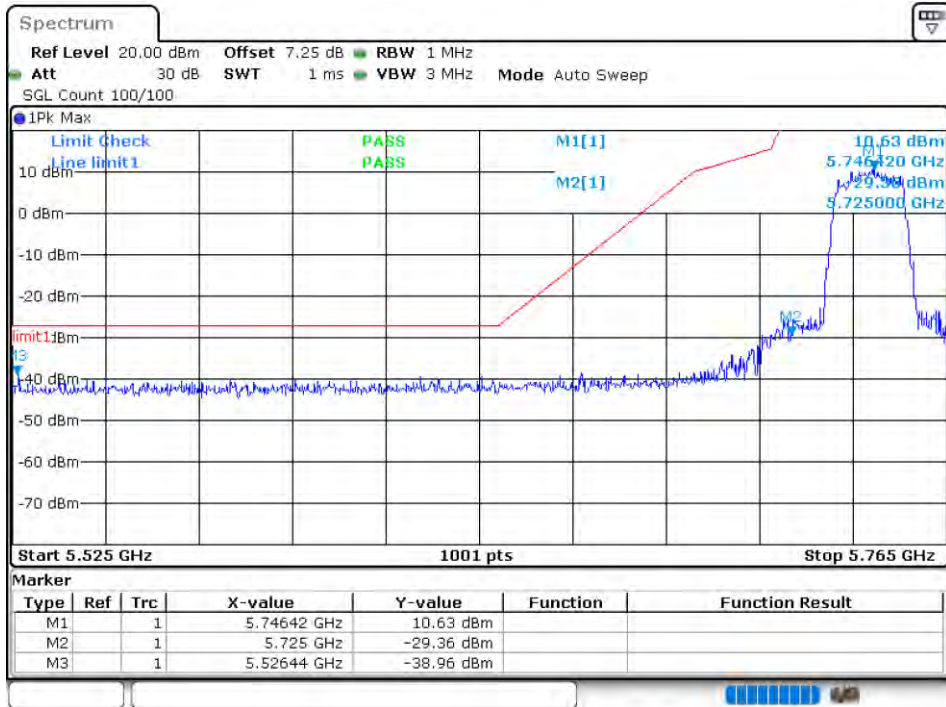
Band Edge NVNT a 5745MHz Low Ant1



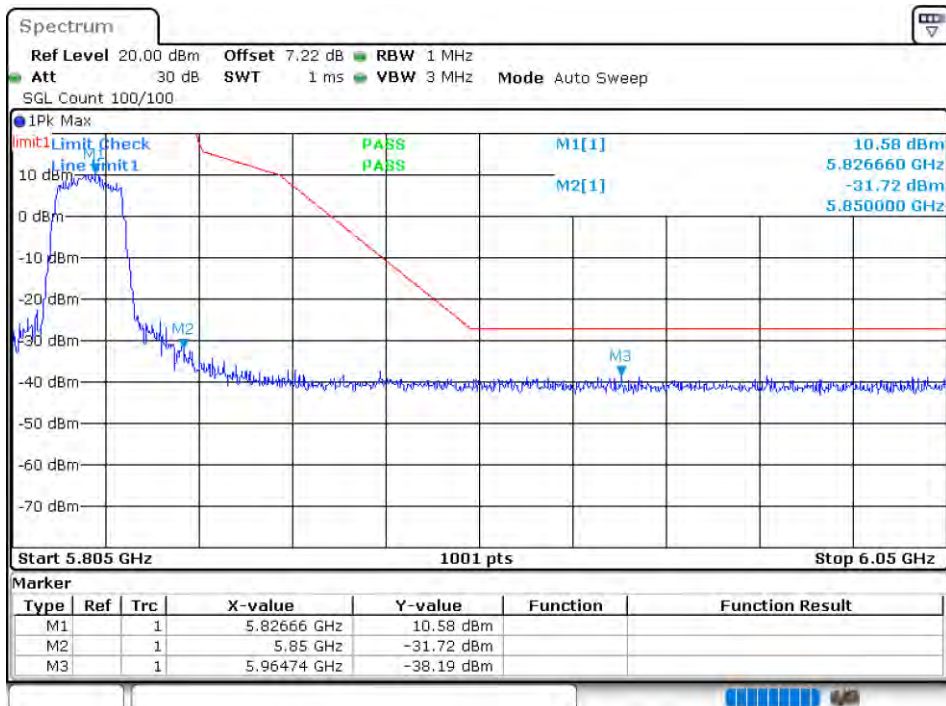
Band Edge NVNT a 5825MHz High Ant1



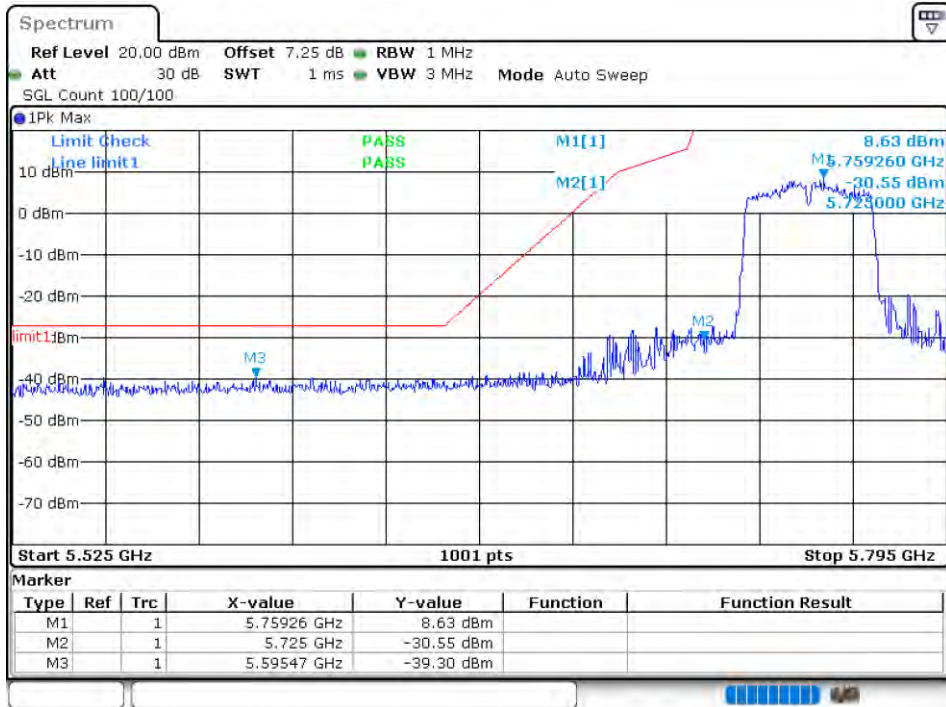
Band Edge NVNT n20 5745MHz Low Ant1



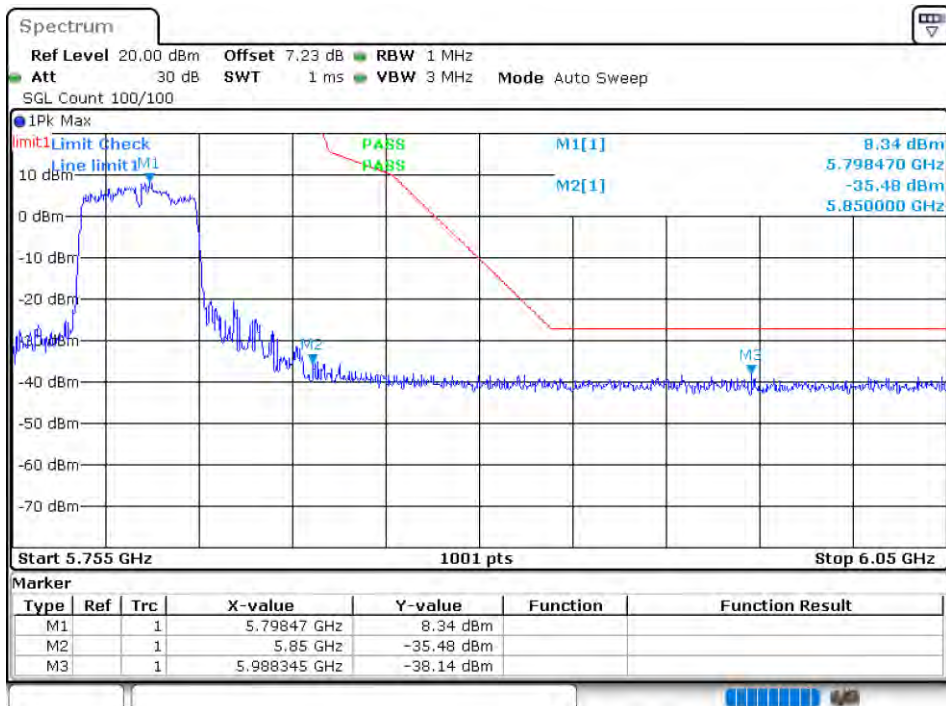
Band Edge NVNT n20 5825MHz High Ant1



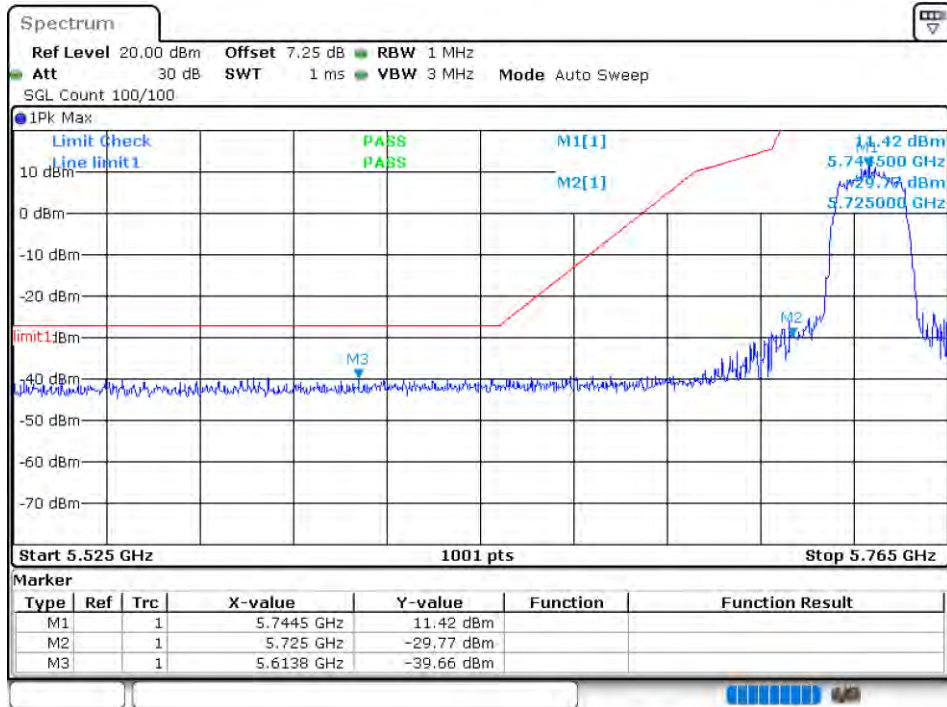
Band Edge NVNT n40 5755MHz Low Ant1



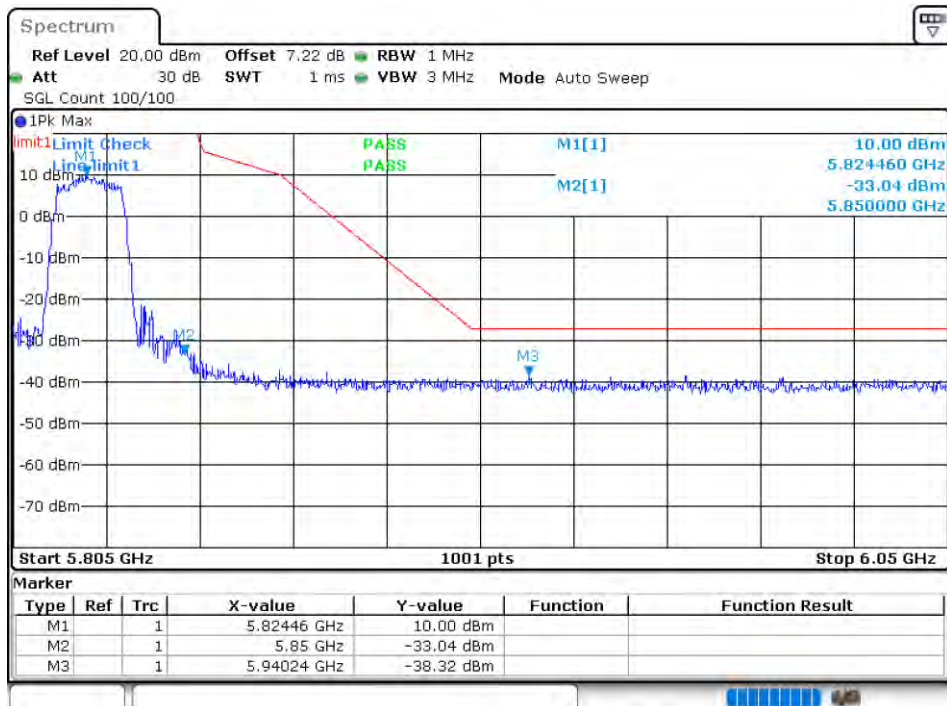
Band Edge NVNT n40 5795MHz High Ant1



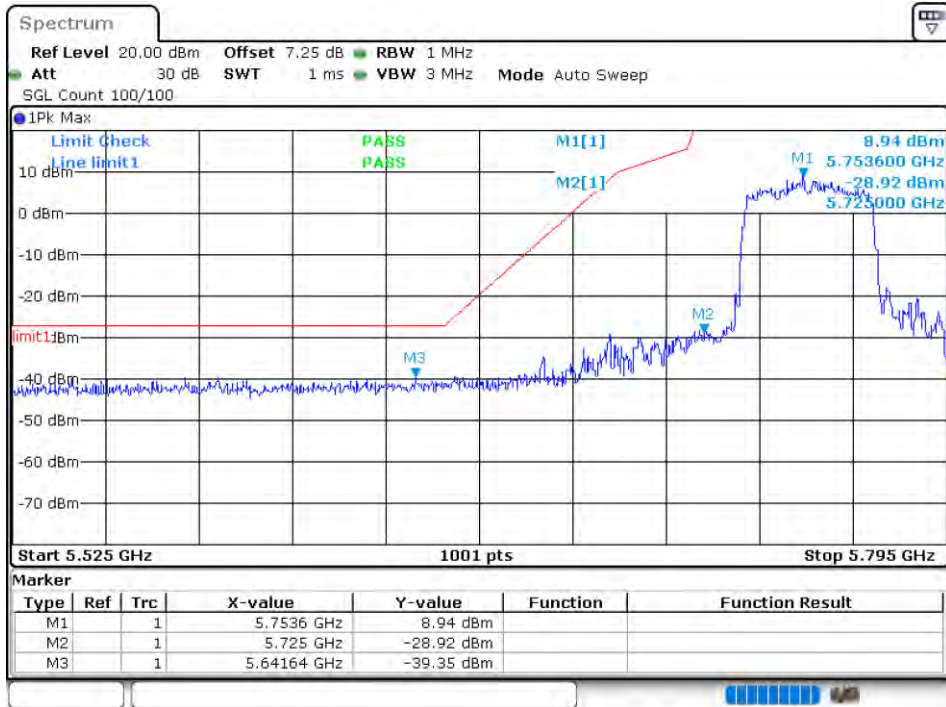
Band Edge NVNT ac20 5745MHz Low Ant1



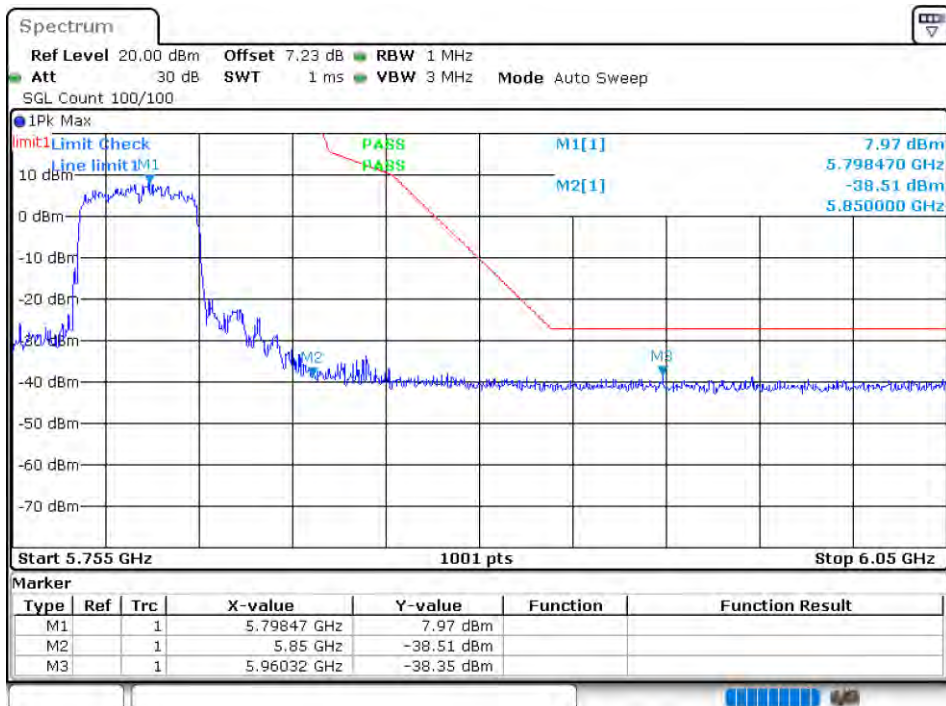
Band Edge NVNT ac20 5825MHz High Ant1



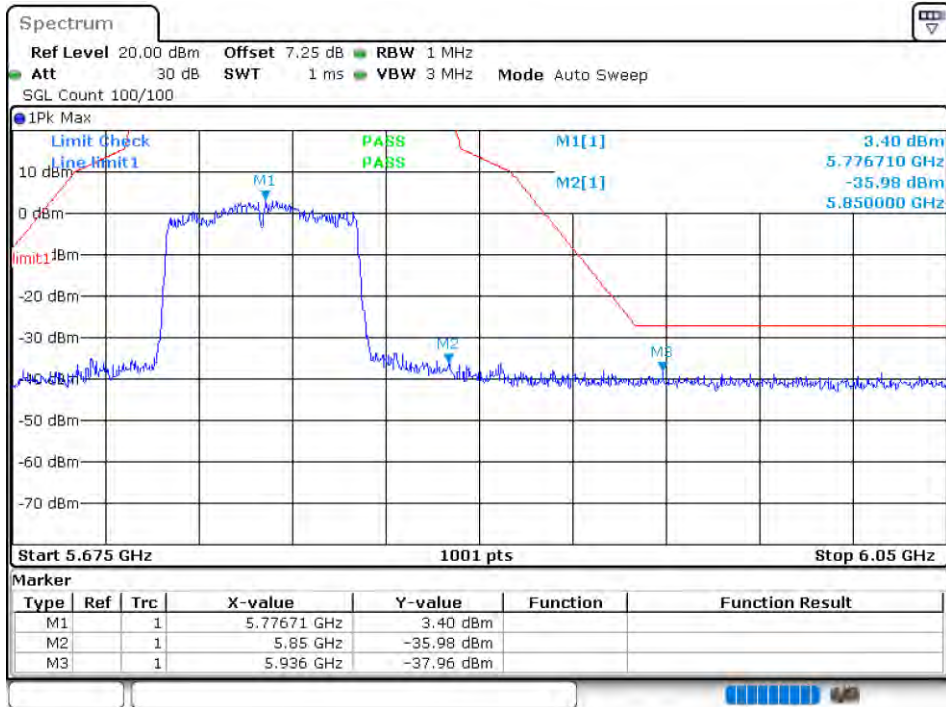
Band Edge NVNT ac40 5755MHz Low Ant1



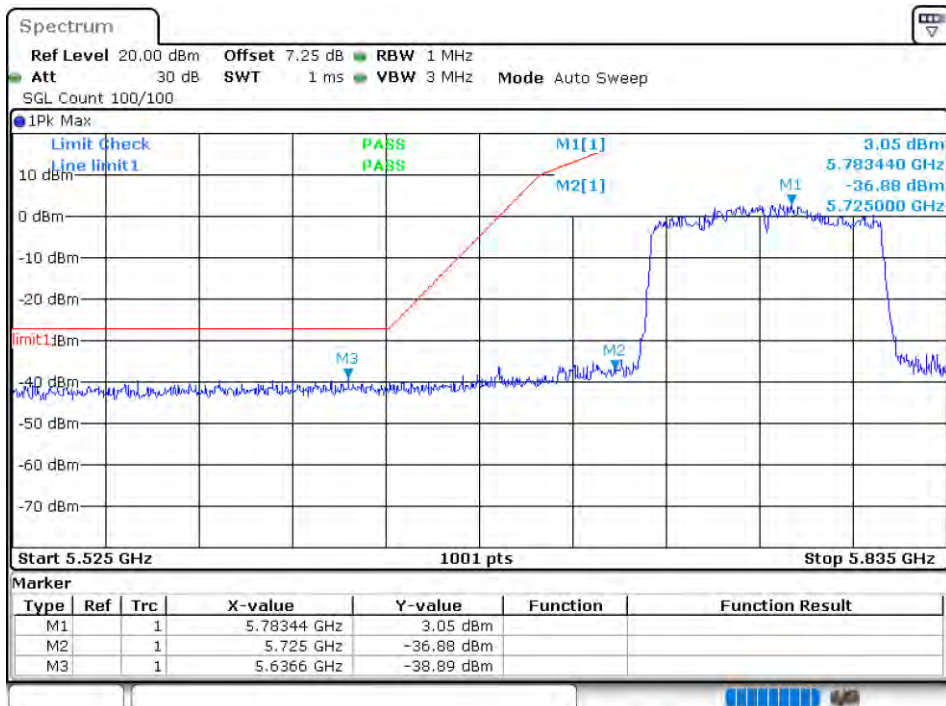
Band Edge NVNT ac40 5795MHz High Ant1



Band Edge NVNT ac80 5755MHz High Ant1



Band Edge NVNT ac80 5755MHz Low Ant1

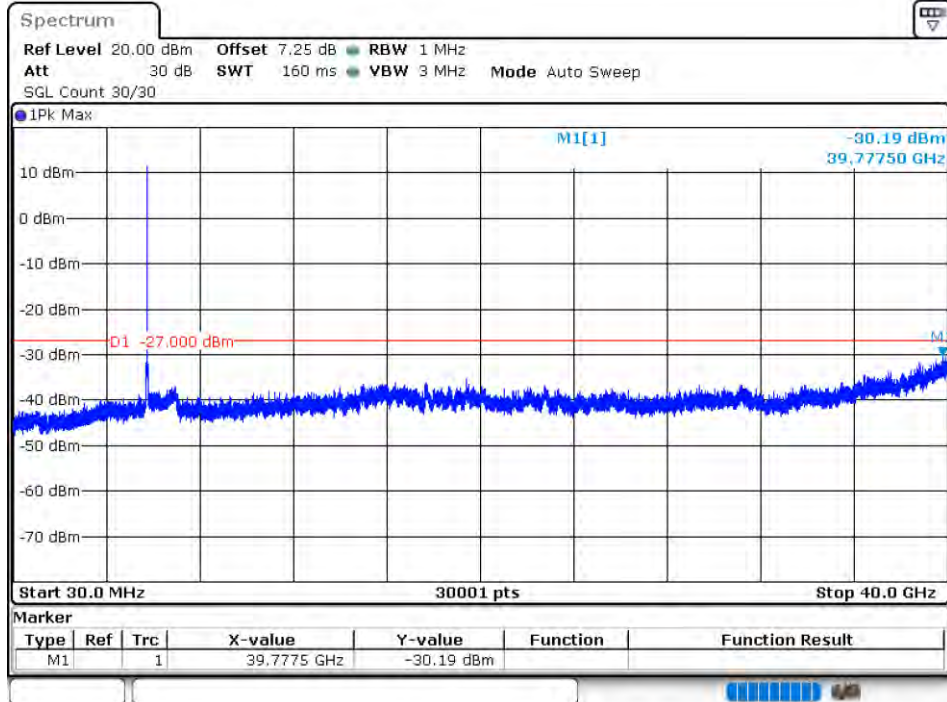


Conducted RF Spurious Emission

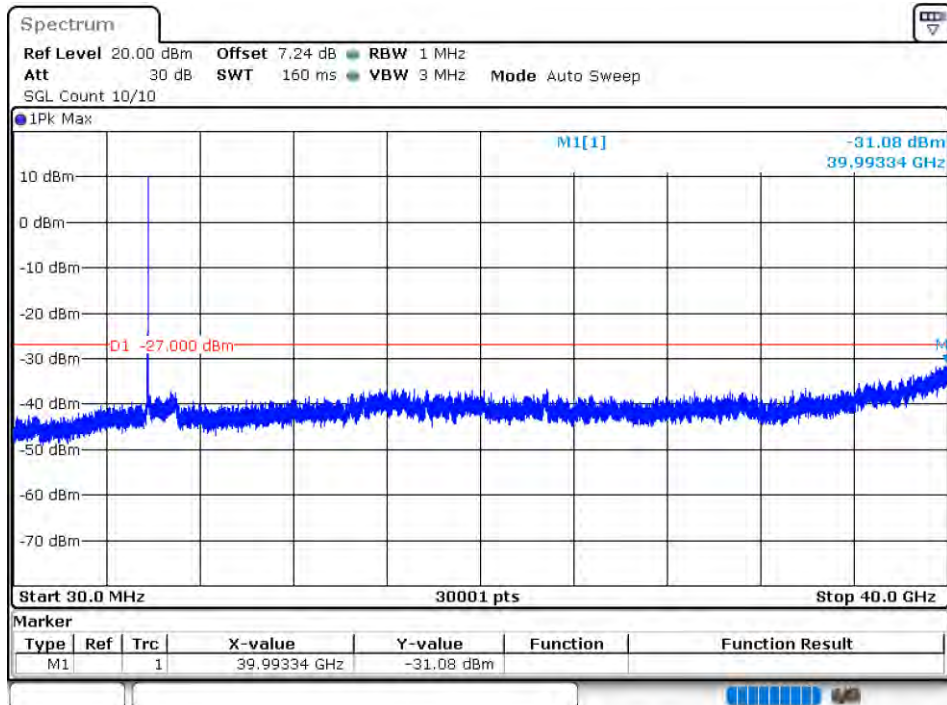
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-30.18	-27	Pass
NVNT	a	5785	Ant1	-31.08	-27	Pass
NVNT	a	5825	Ant1	-30.99	-27	Pass
NVNT	n20	5745	Ant1	-30.76	-27	Pass
NVNT	n20	5785	Ant1	-31.4	-27	Pass
NVNT	n20	5825	Ant1	-30.03	-27	Pass
NVNT	n40	5755	Ant1	-31.37	-27	Pass
NVNT	n40	5795	Ant1	-31.29	-27	Pass
NVNT	ac20	5745	Ant1	-30.75	-27	Pass
NVNT	ac20	5785	Ant1	-31.02	-27	Pass
NVNT	ac20	5825	Ant1	-31.33	-27	Pass
NVNT	ac40	5755	Ant1	-31.07	-27	Pass
NVNT	ac40	5795	Ant1	-29.63	-27	Pass
NVNT	ac80	5775	Ant1	-29.63	-27	Pass

Test Graphs

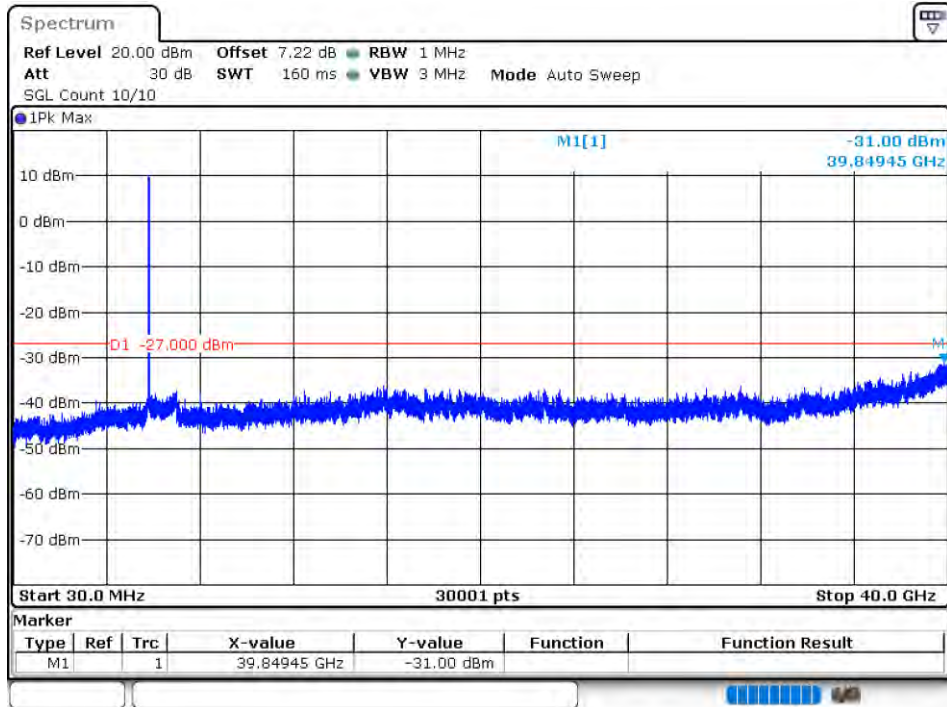
Tx. Spurious NVNT a 5745MHz Ant1 Emission



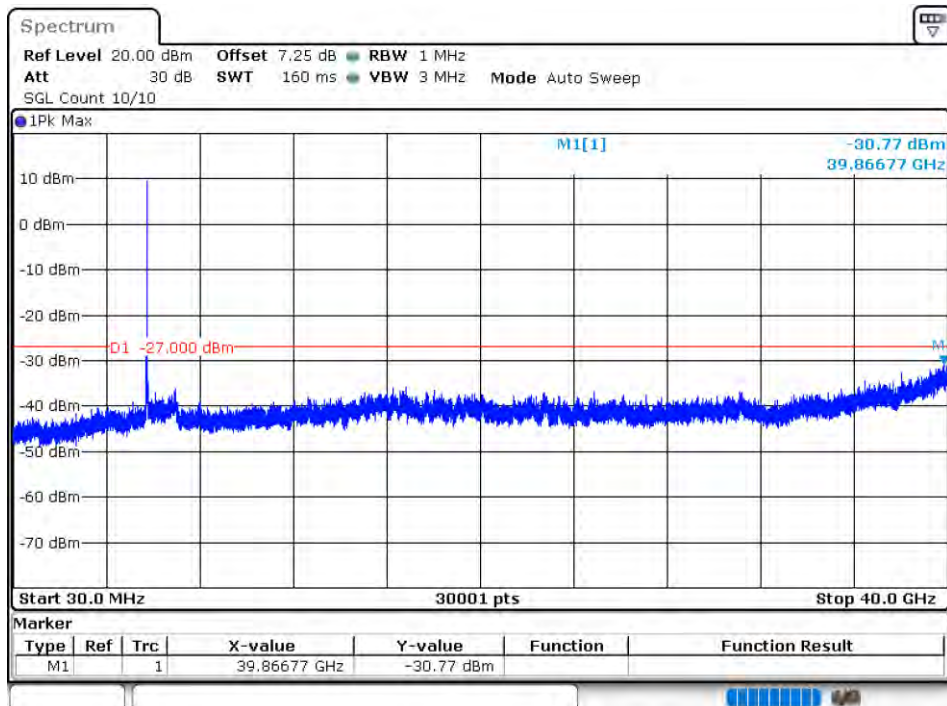
Tx. Spurious NVNT a 5785MHz Ant1 Emission



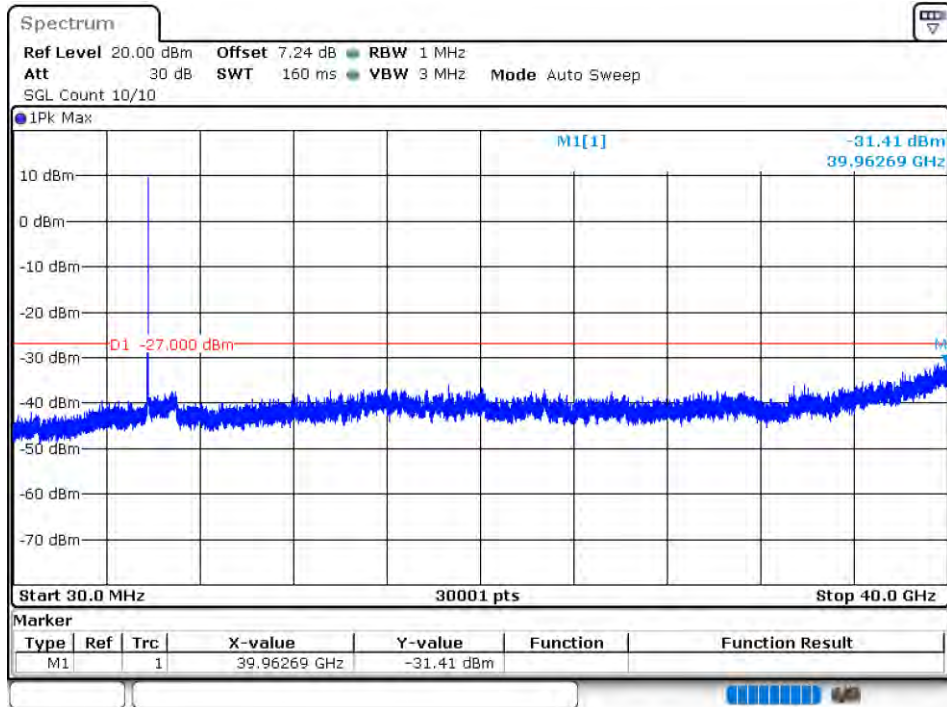
Tx. Spurious NVNT a 5825MHz Ant1 Emission



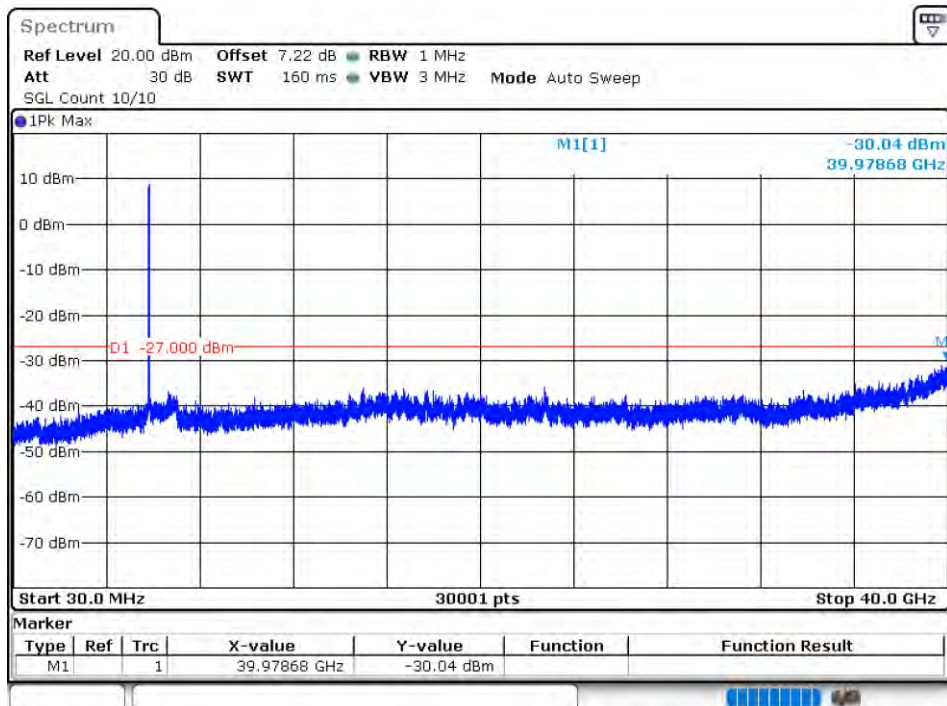
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



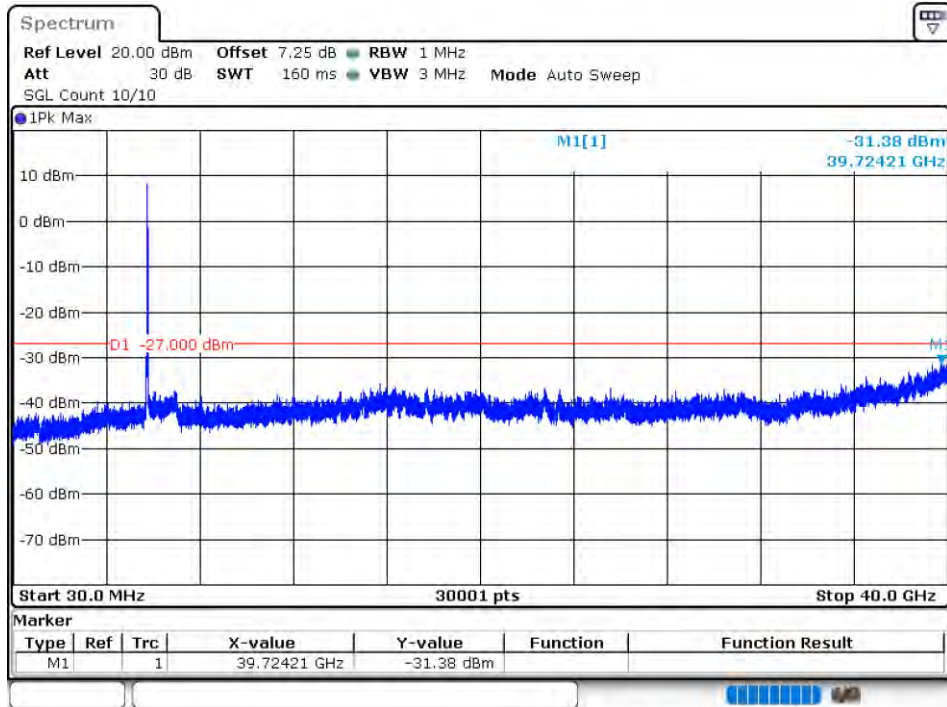
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



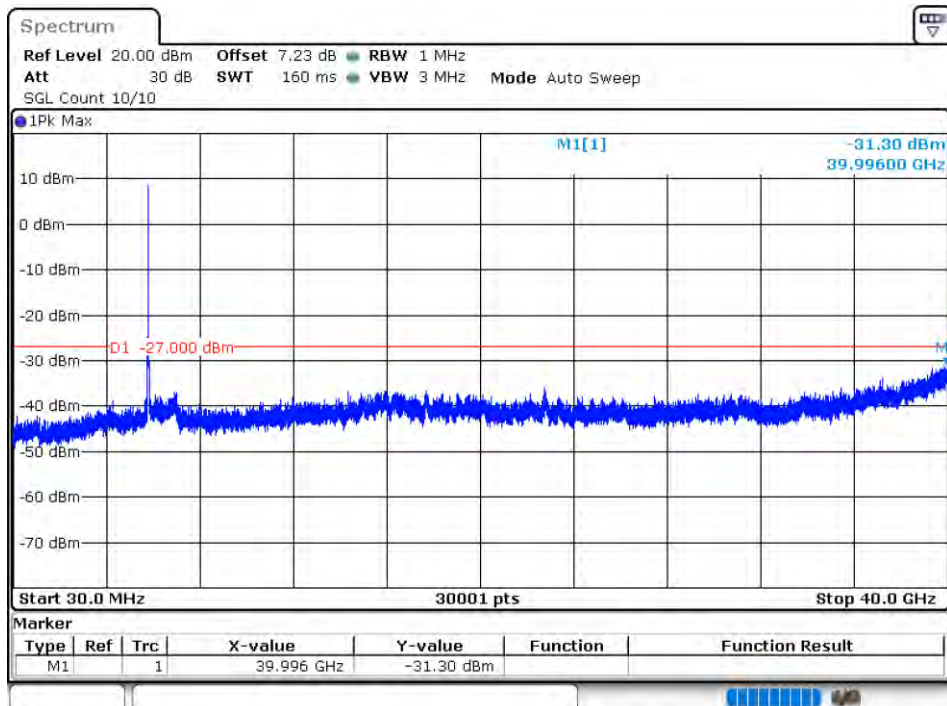
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



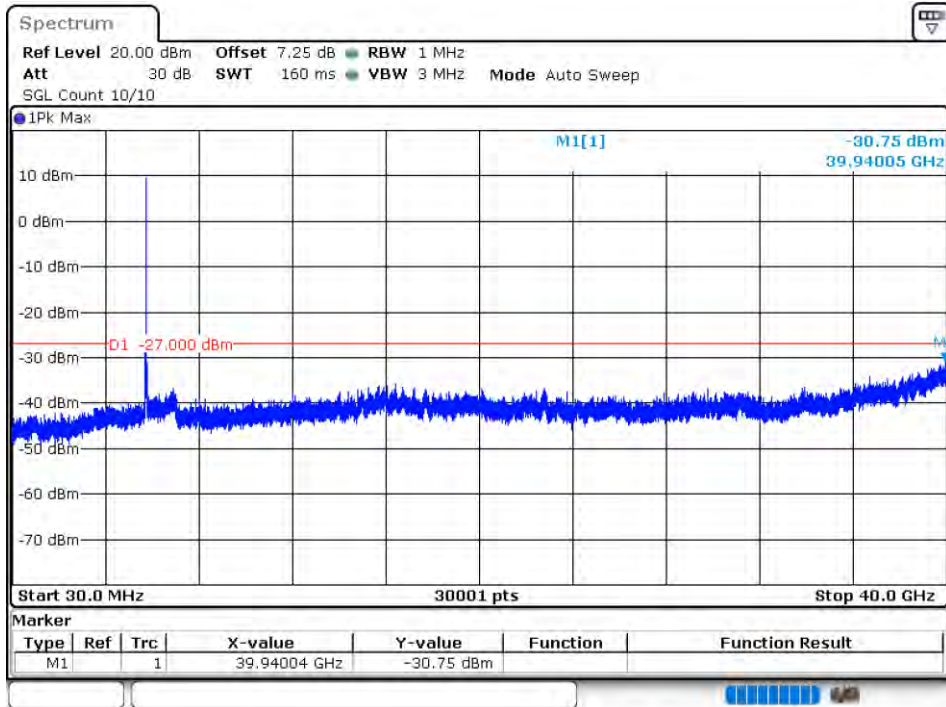
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



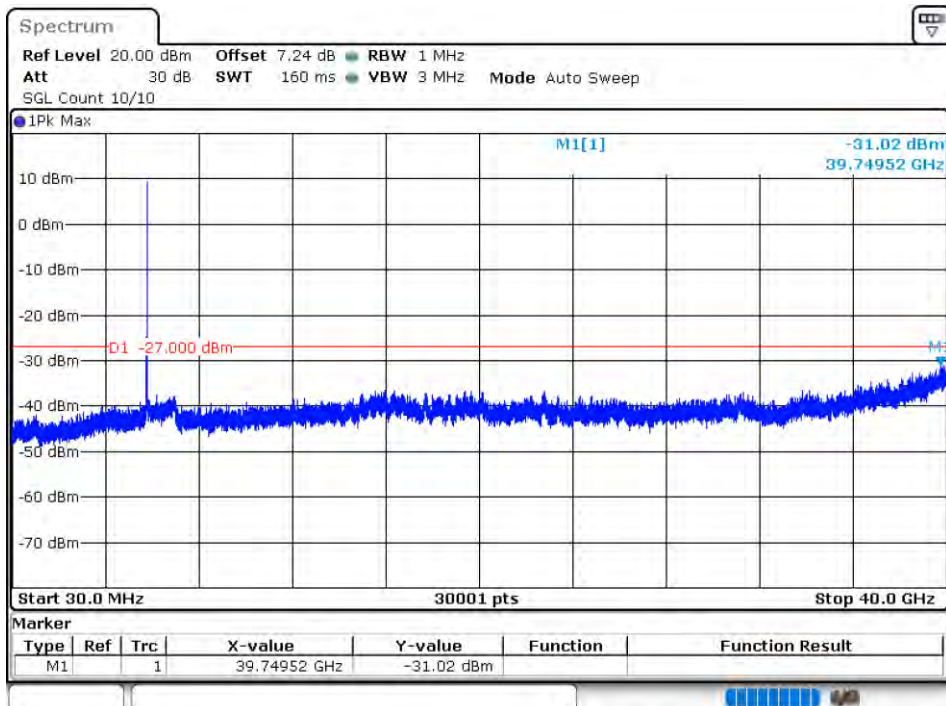
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



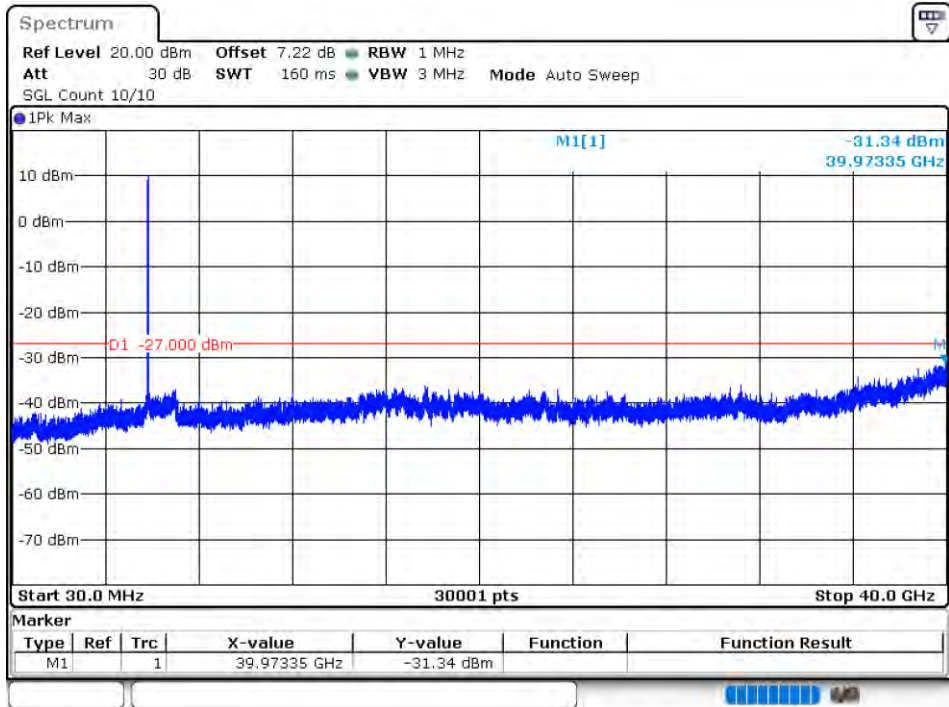
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



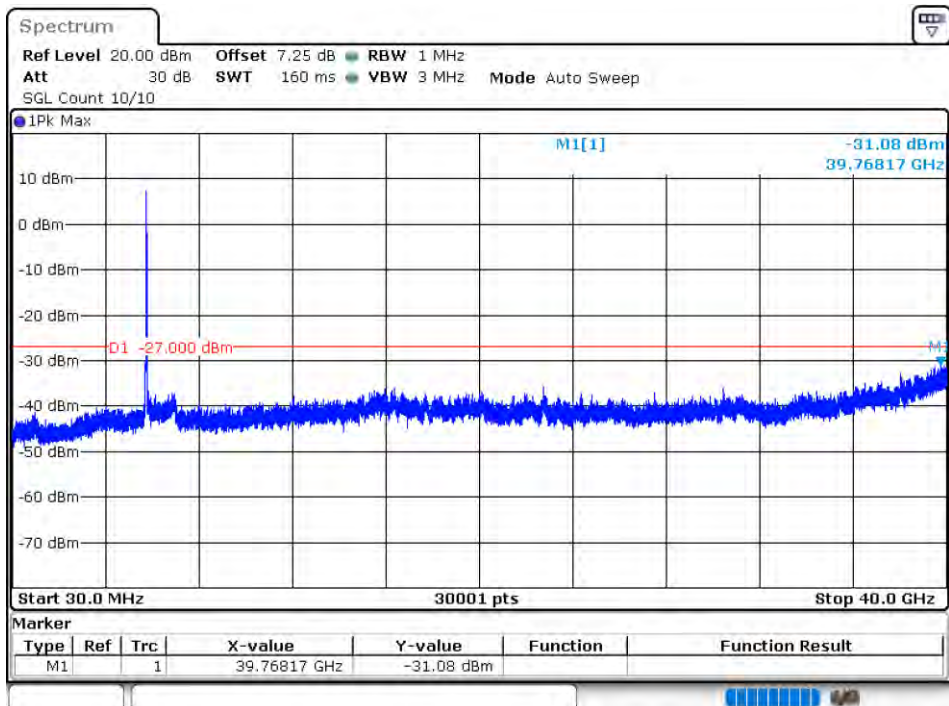
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



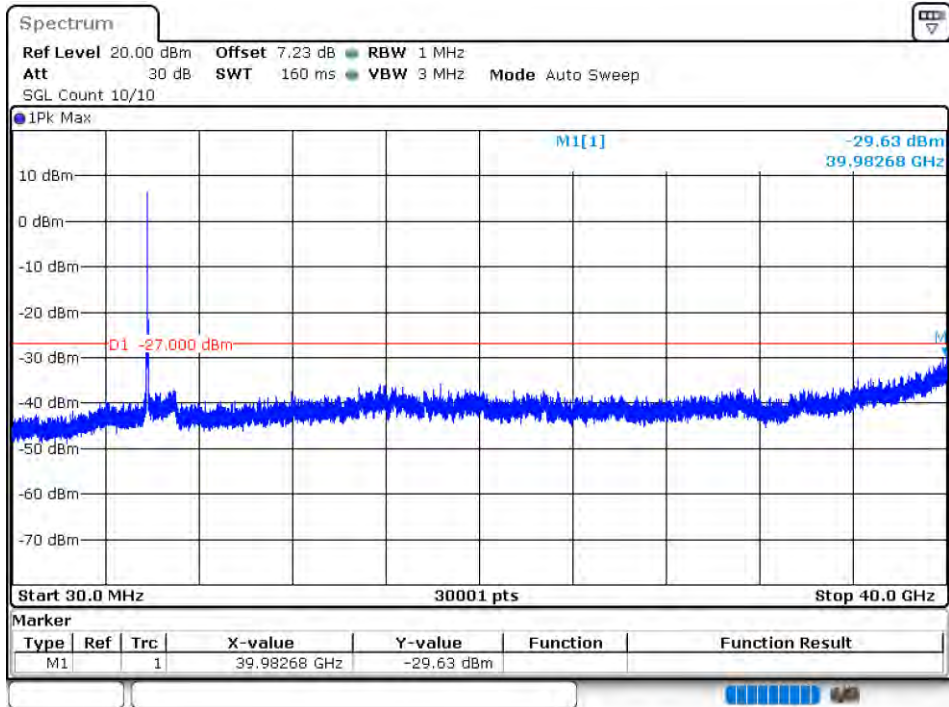
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



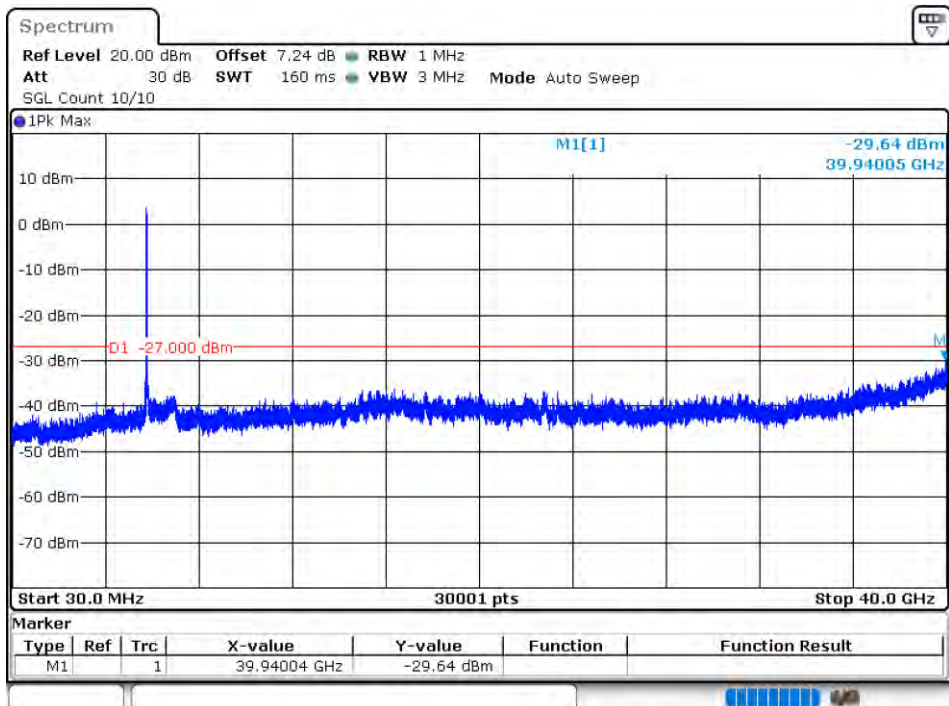
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



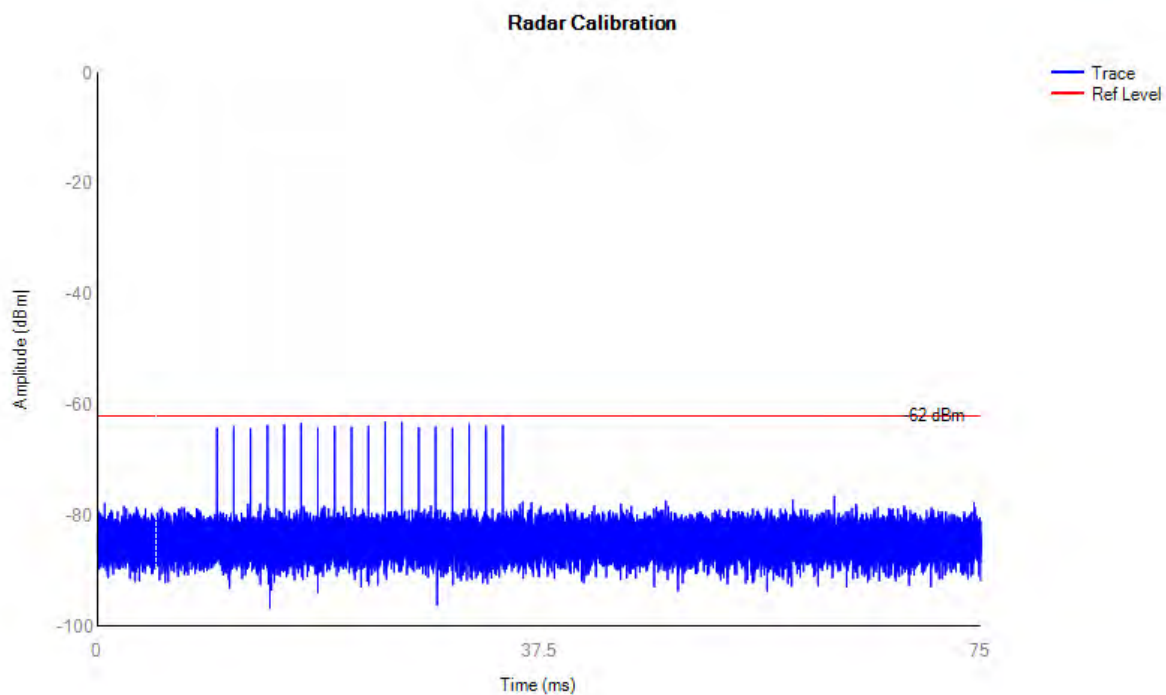
Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



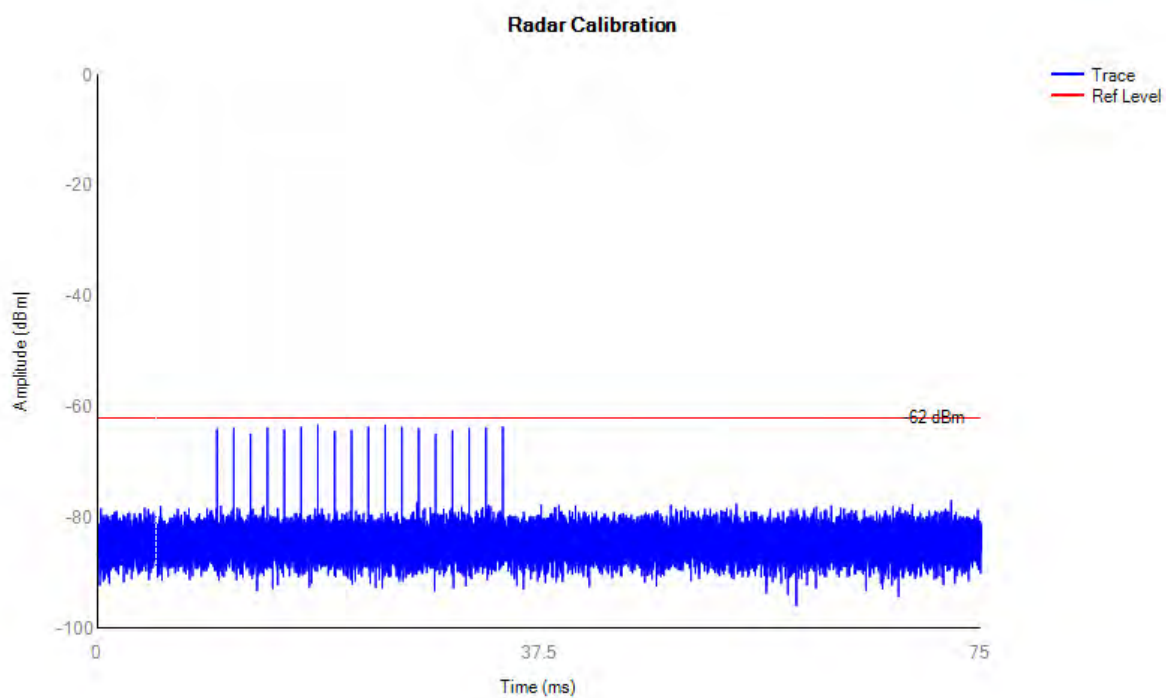
DFS

Calibration

5290MHz ac80 DFS_FCC_T0

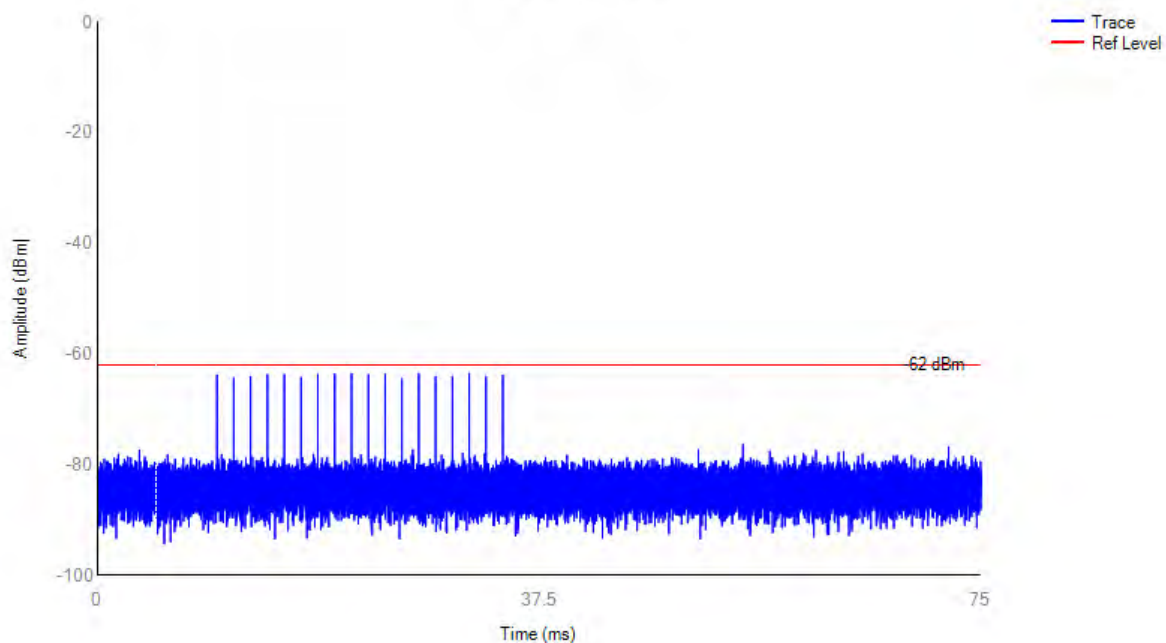


5530MHz ac80 DFS_FCC_T0



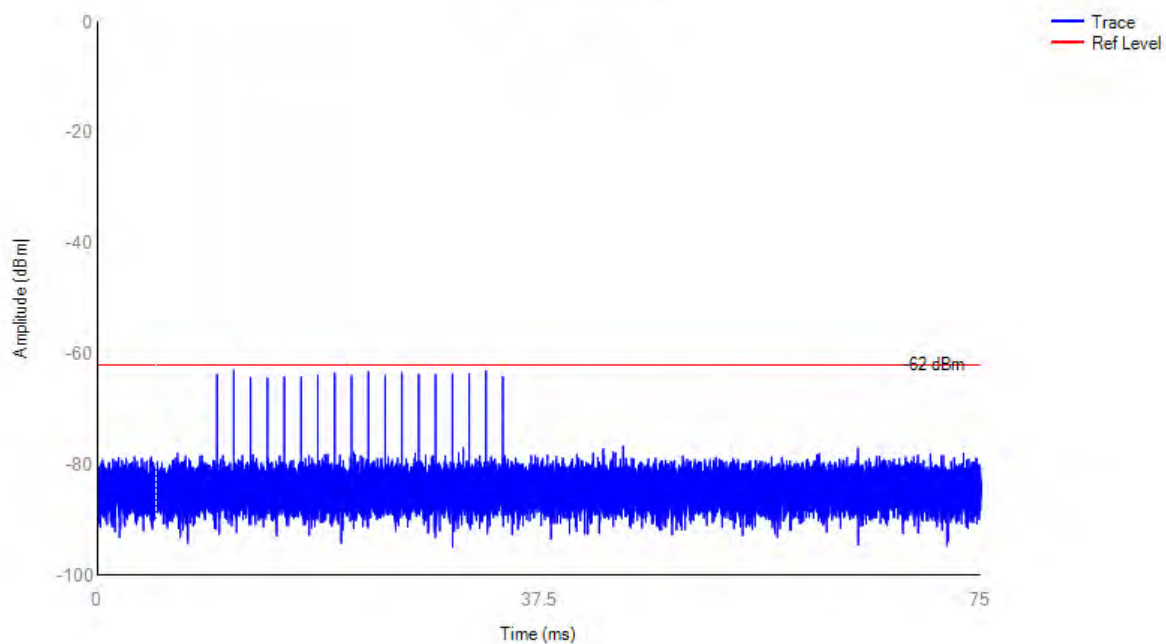
5310MHz n40 DFS_FCC_T0

Radar Calibration



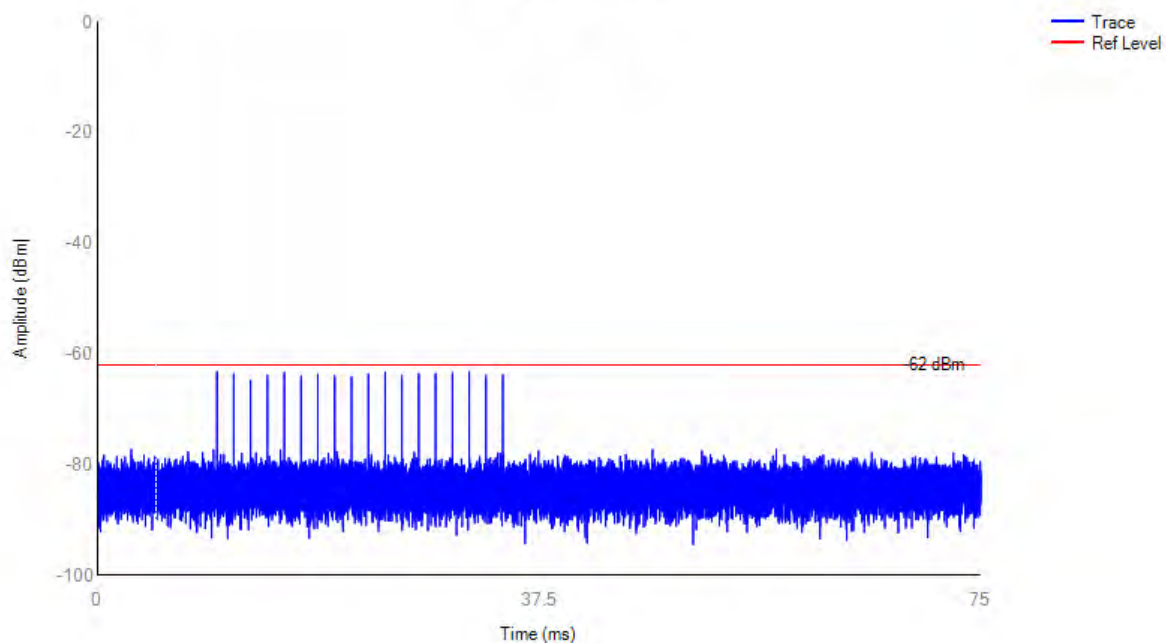
5510MHz n40 DFS_FCC_T0

Radar Calibration



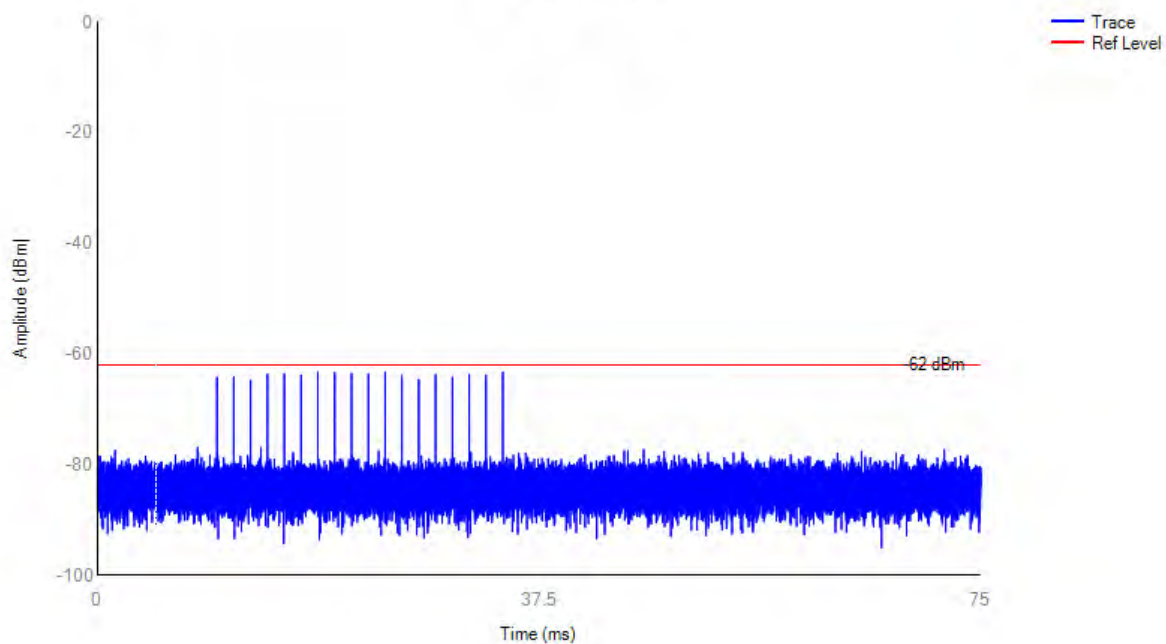
5320MHz a DFS_FCC_T0

Radar Calibration



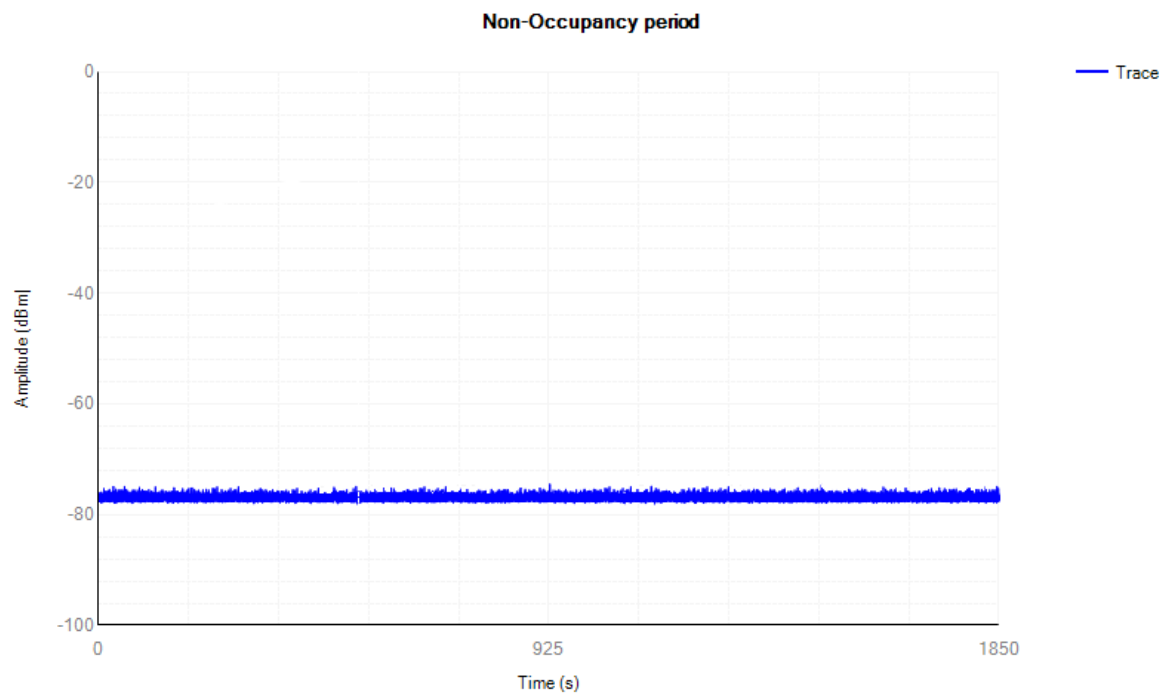
5500MHz a DFS_FCC_T0

Radar Calibration

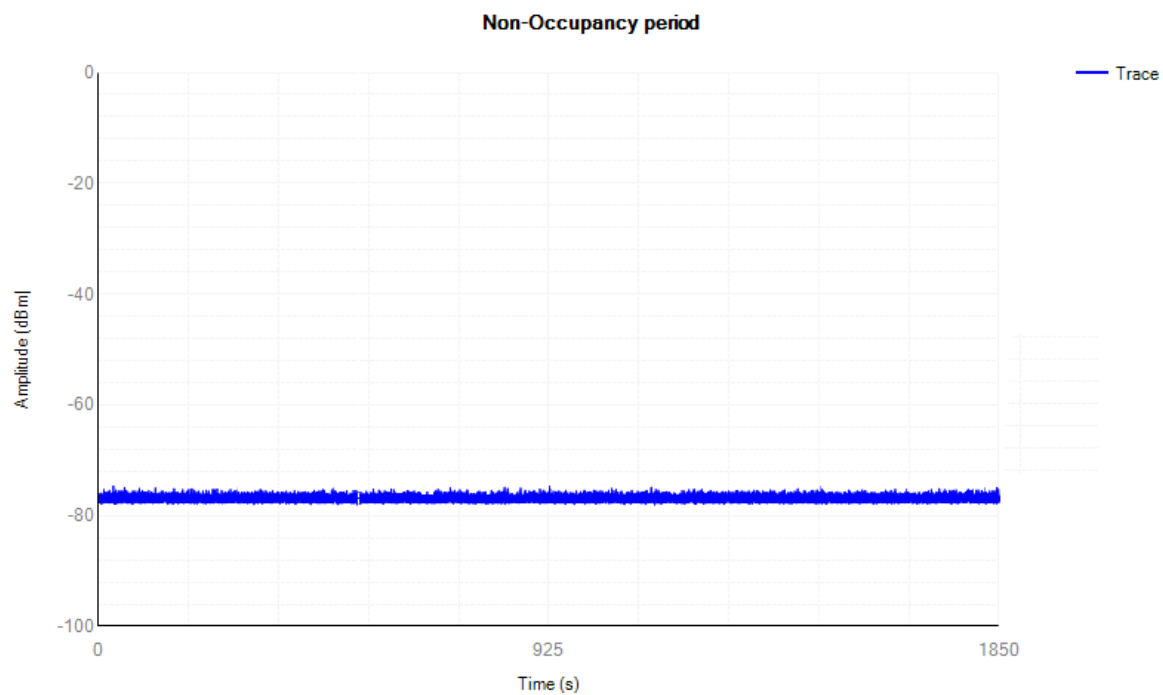


Non-Occupancy

5290MHz ac80 Non-Occupancy

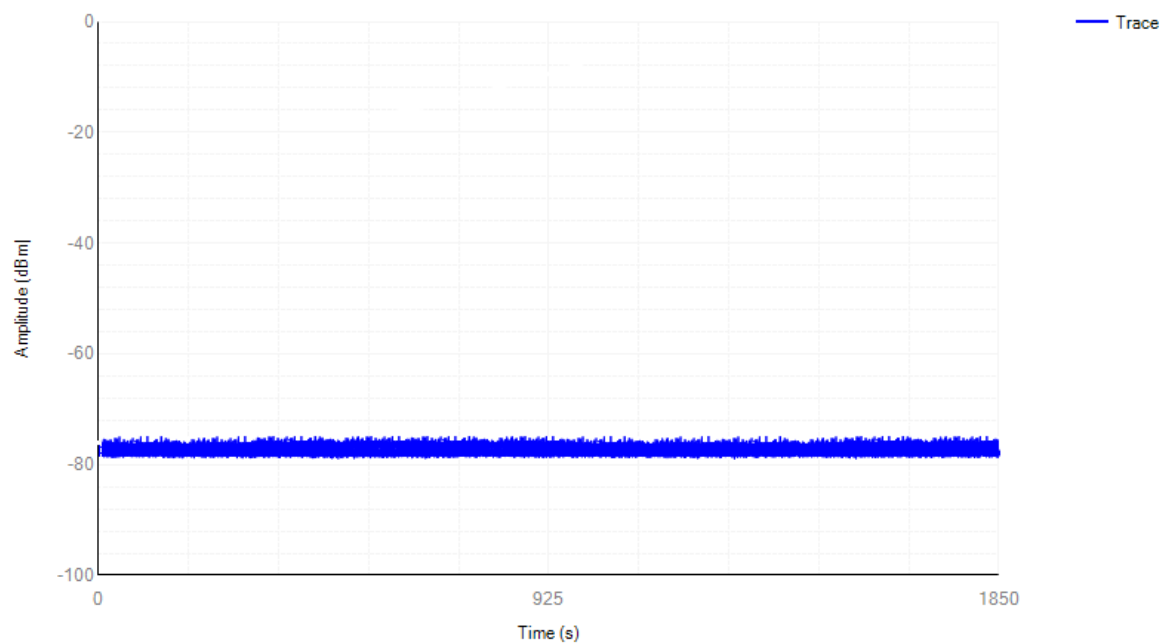


5530MHz ac80 Non-Occupancy



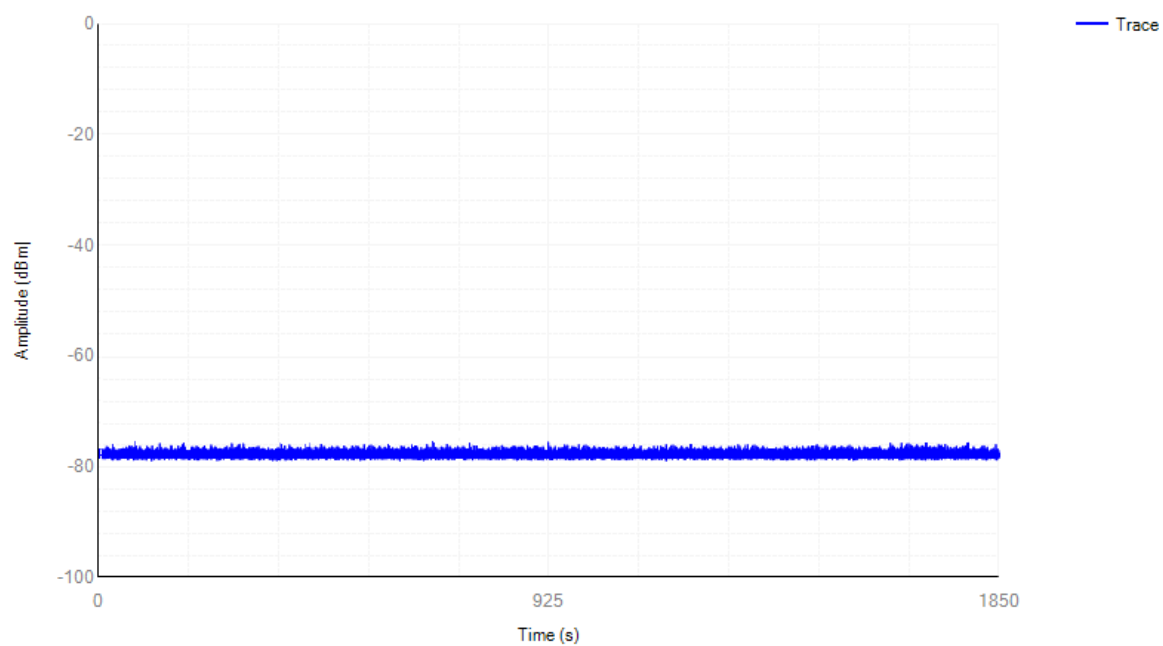
5310MHz n40 Non-Occupancy

Non-Occupancy period



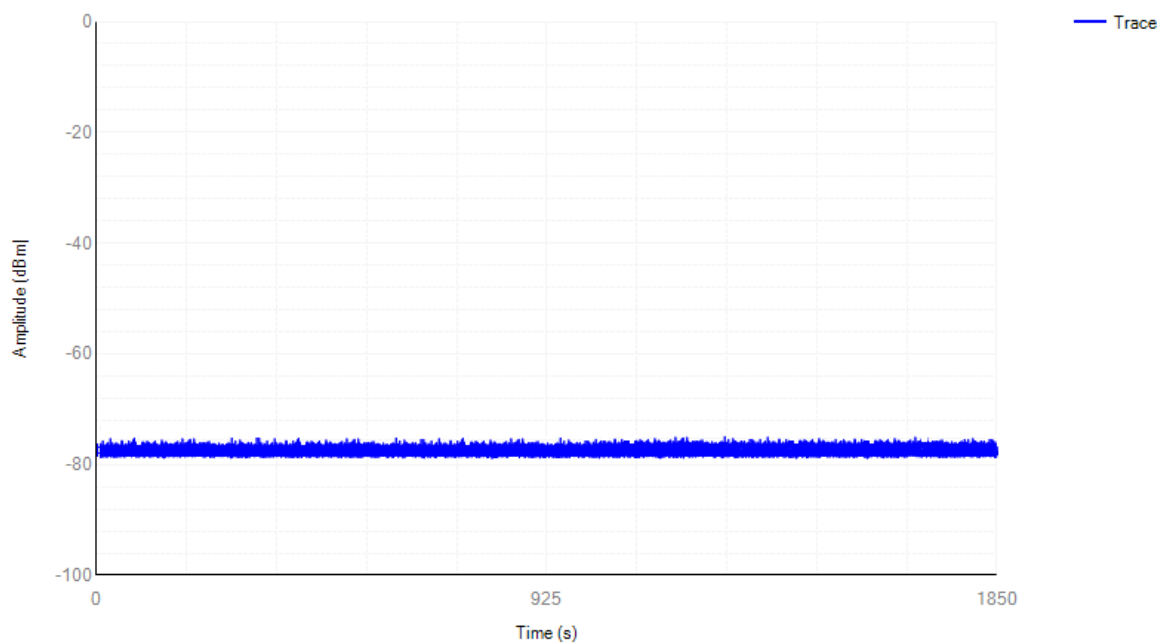
5510MHz n40 Non-Occupancy

Non-Occupancy period



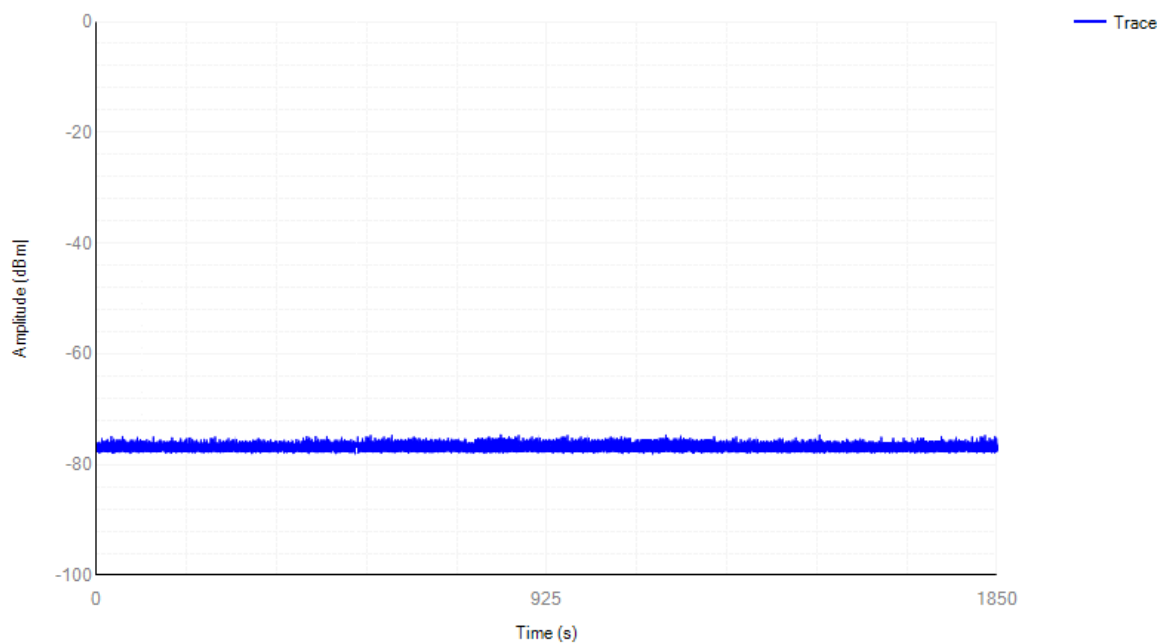
5320MHz a Non-Occupancy

Non-Occupancy period



5500MHz a Non-Occupancy

Non-Occupancy period

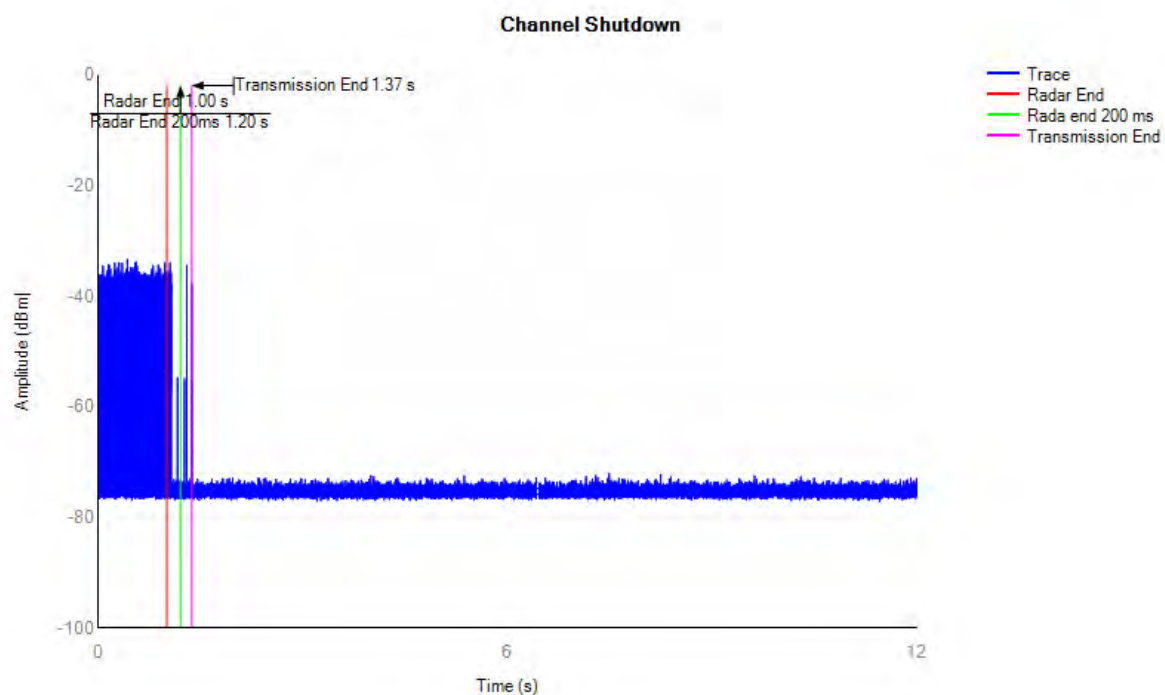


Shutdown Time

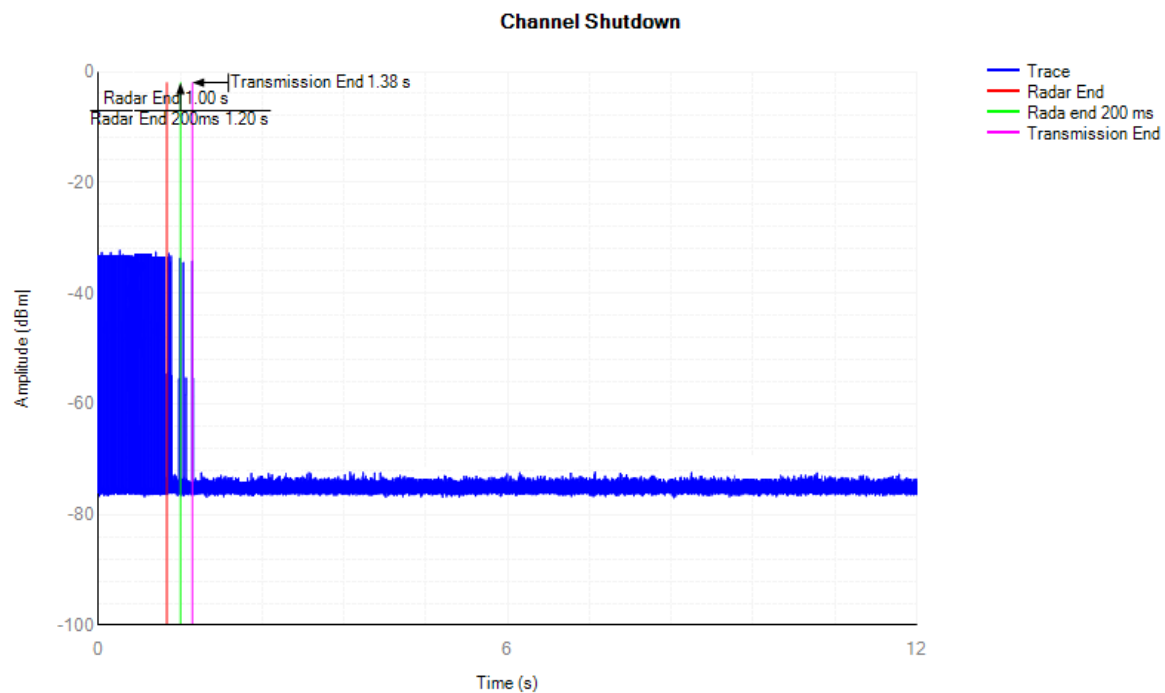
Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
ac80	5290	0.366	10	0.0096	0.26	0.0008	0.06	Pass
ac80	5530	0.3752	10	0.0052	0.26	0.0008	0.06	Pass

n40	5310	0.41	10	0.004	0.26	0.0024	0.06	Pass
n40	5510	0.4312	10	0.004	0.26	0.0024	0.06	Pass
a	5320	0.4284	10	0.0084	0.26	0.002	0.06	Pass
a	5500	0.4728	10	0.012	0.26	0.0036	0.06	Pass

5290MHz ac80 Shutdown

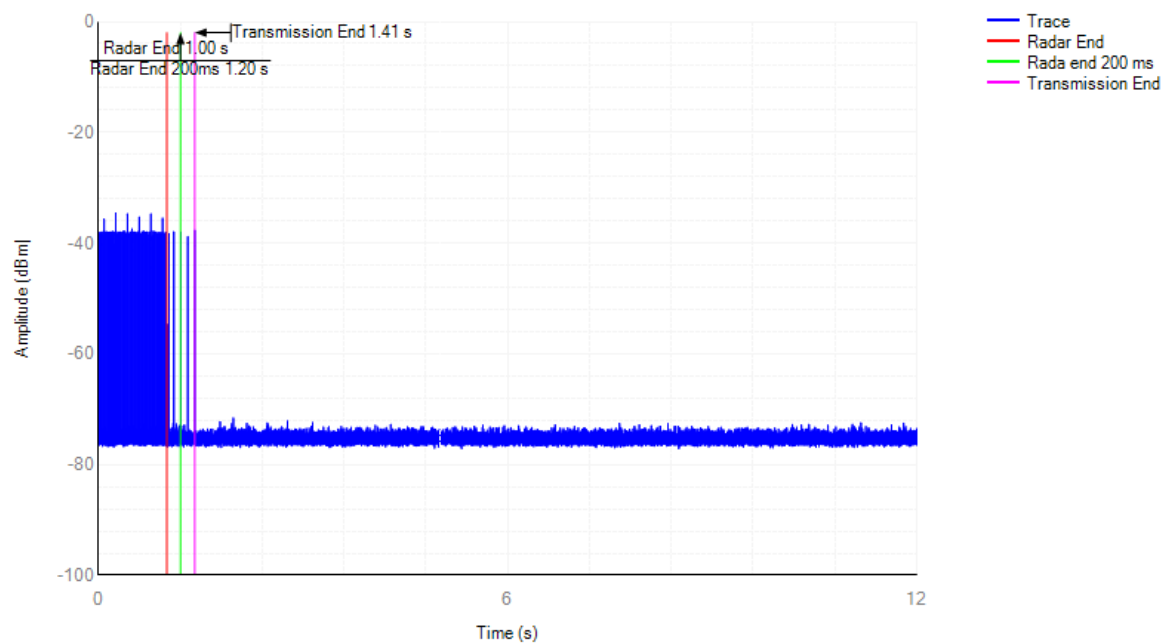


5530MHz ac80 Shutdown



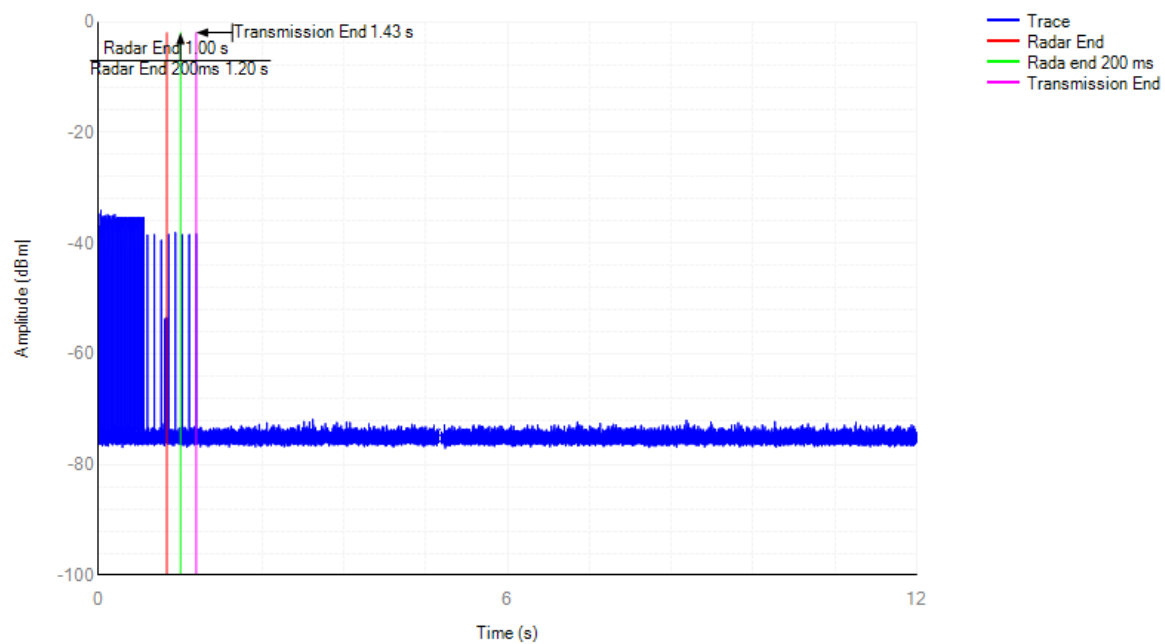
5310MHz n40 Shutdown

Channel Shutdown



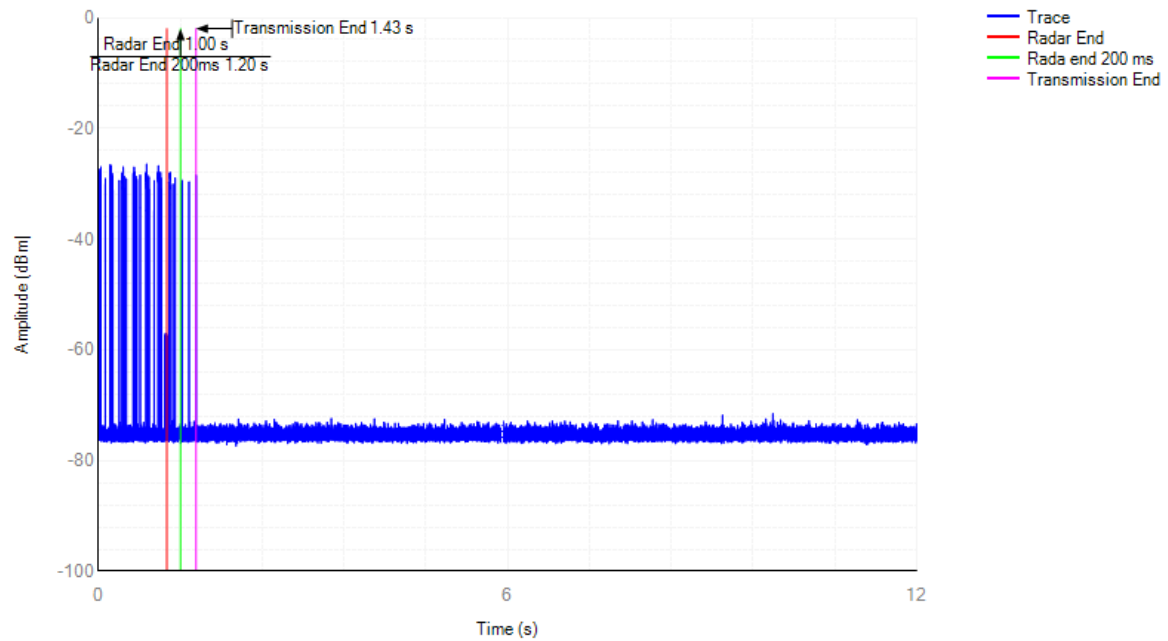
5510MHz n40 Shutdown

Channel Shutdown



5320MHz a Shutdown

Channel Shutdown



5500MHz a Shutdown

Channel Shutdown

