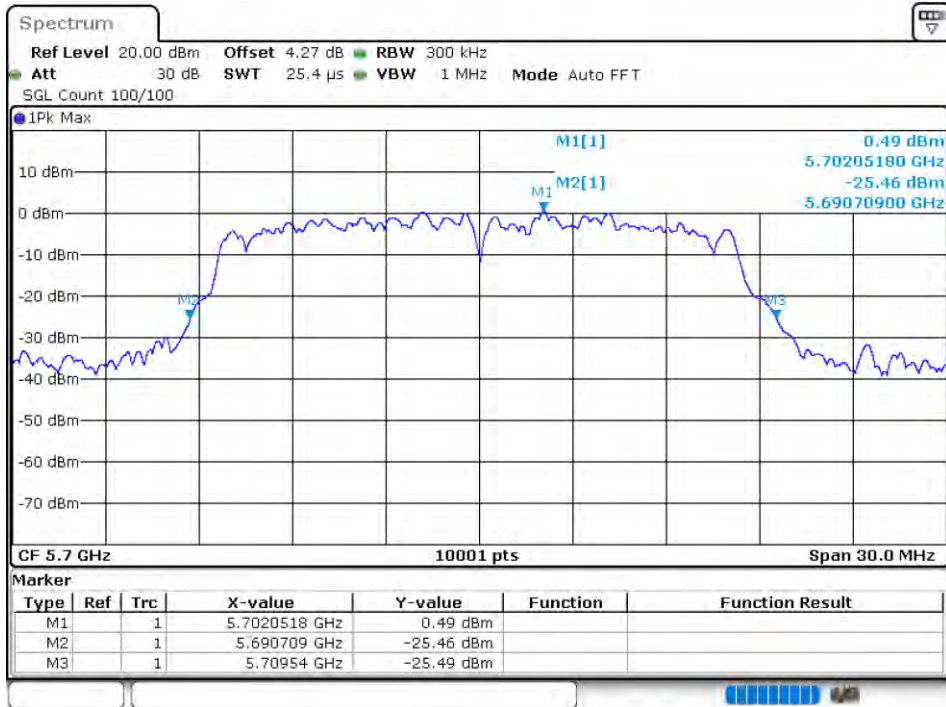
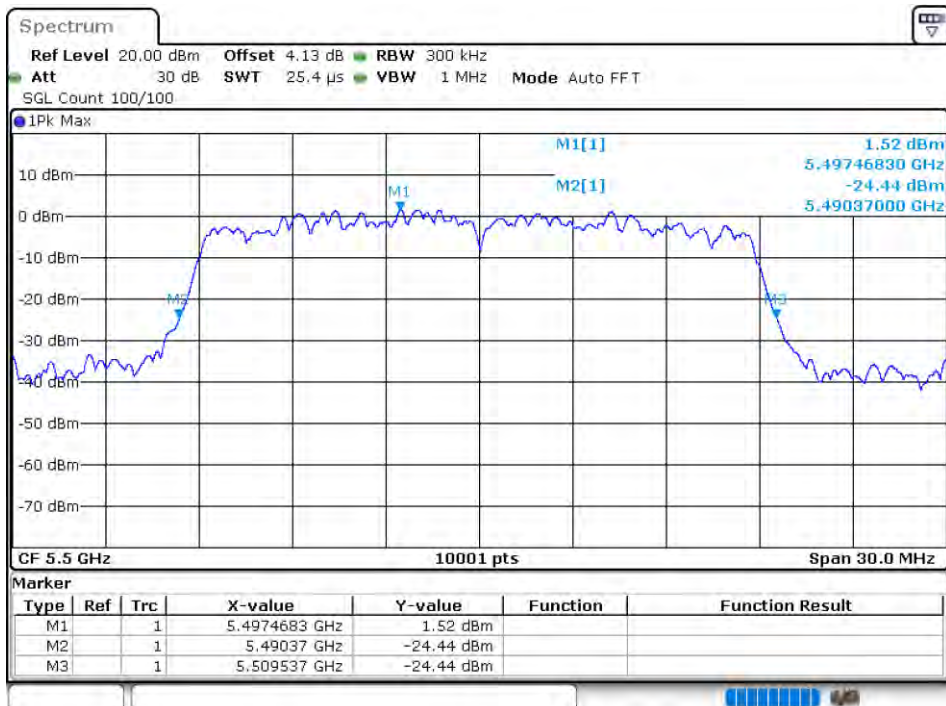


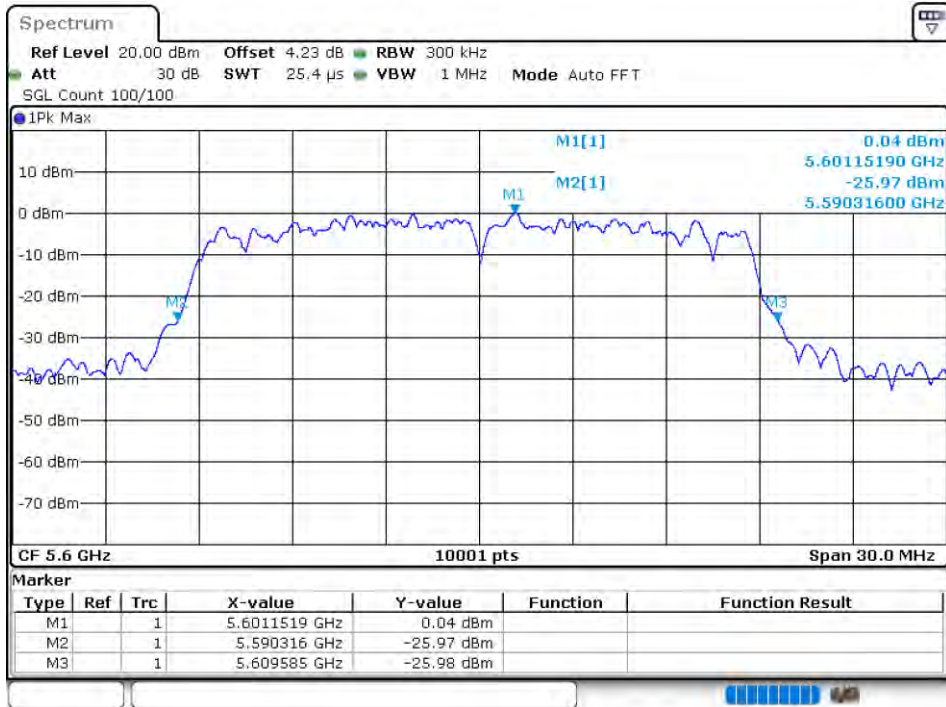
-26dB Bandwidth NVNT a 5700MHz Ant1



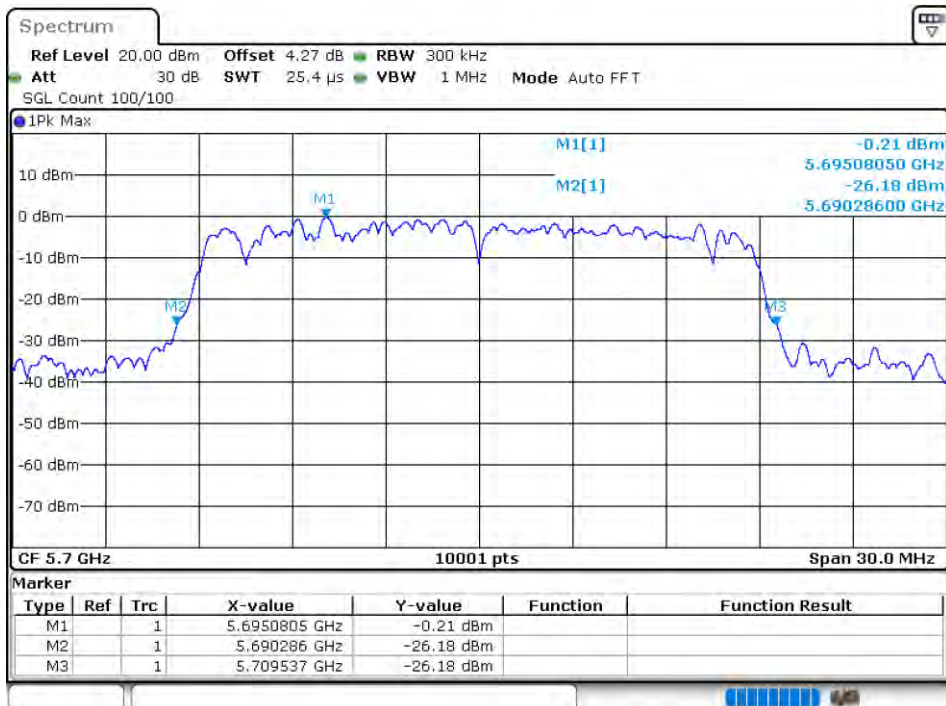
-26dB Bandwidth NVNT n20 5500MHz Ant1



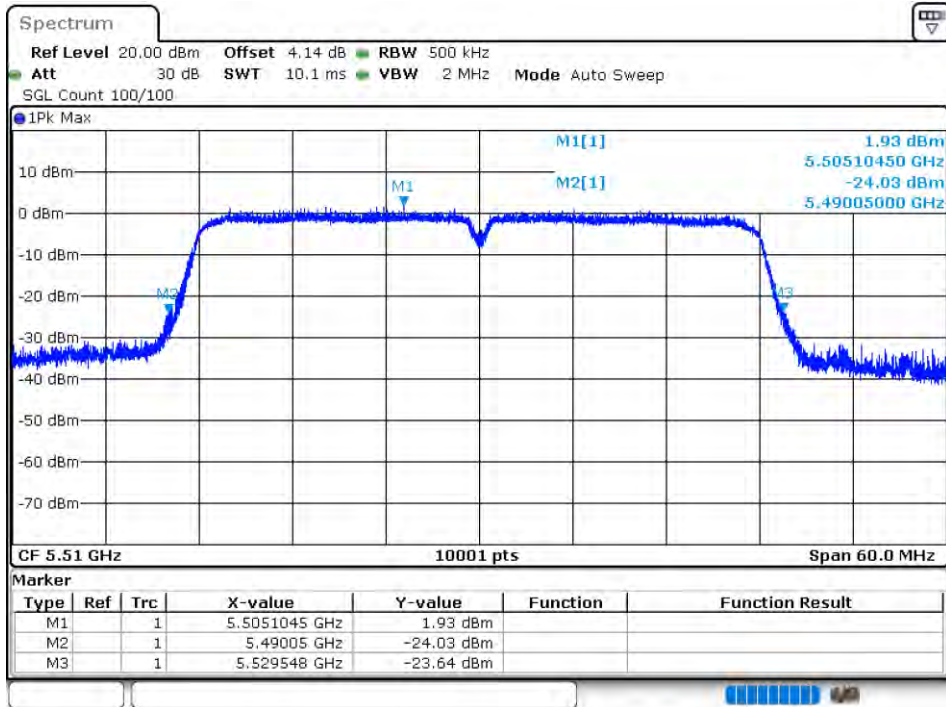
-26dB Bandwidth NVNT n20 5600MHz Ant1



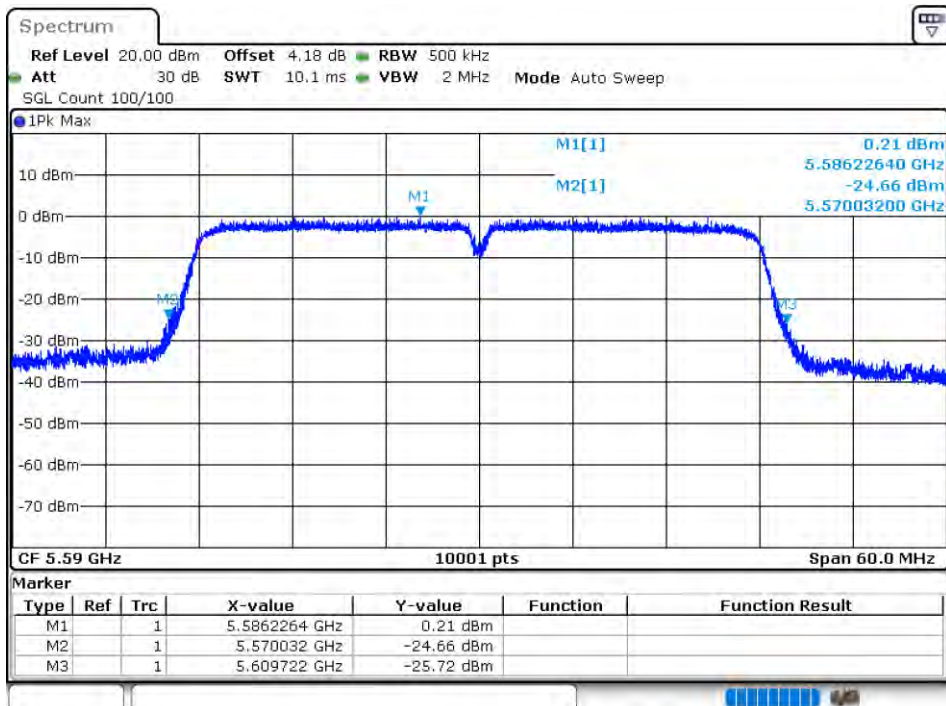
-26dB Bandwidth NVNT n20 5700MHz Ant1

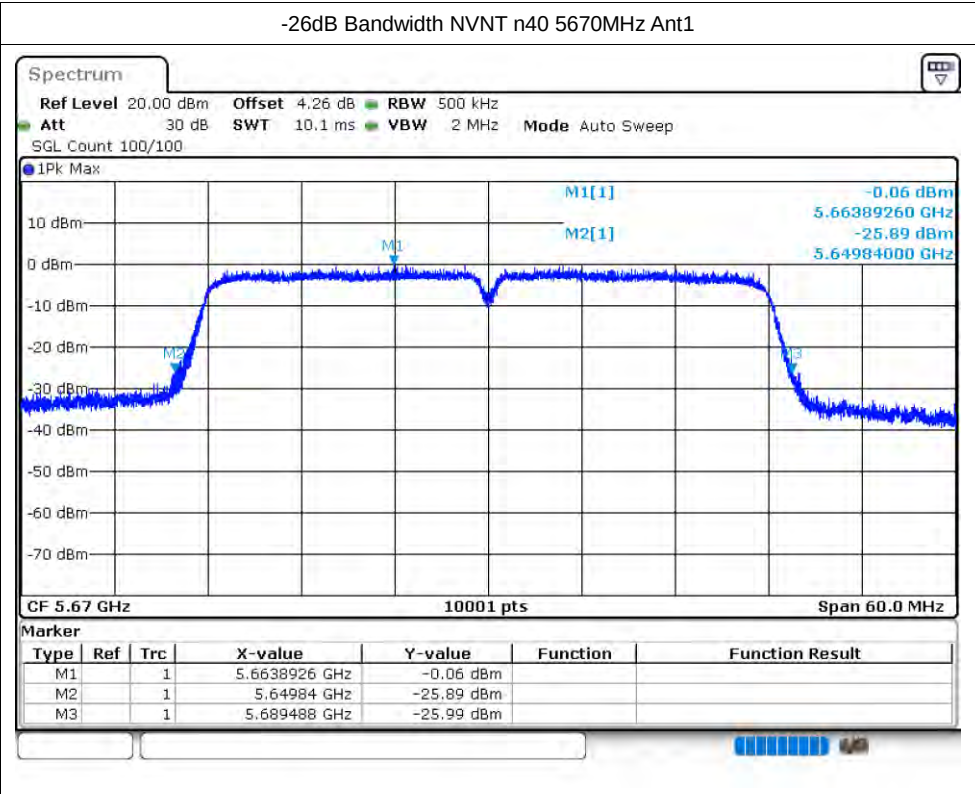


-26dB Bandwidth NVNT n40 5510MHz Ant1



-26dB Bandwidth NVNT n40 5590MHz Ant1



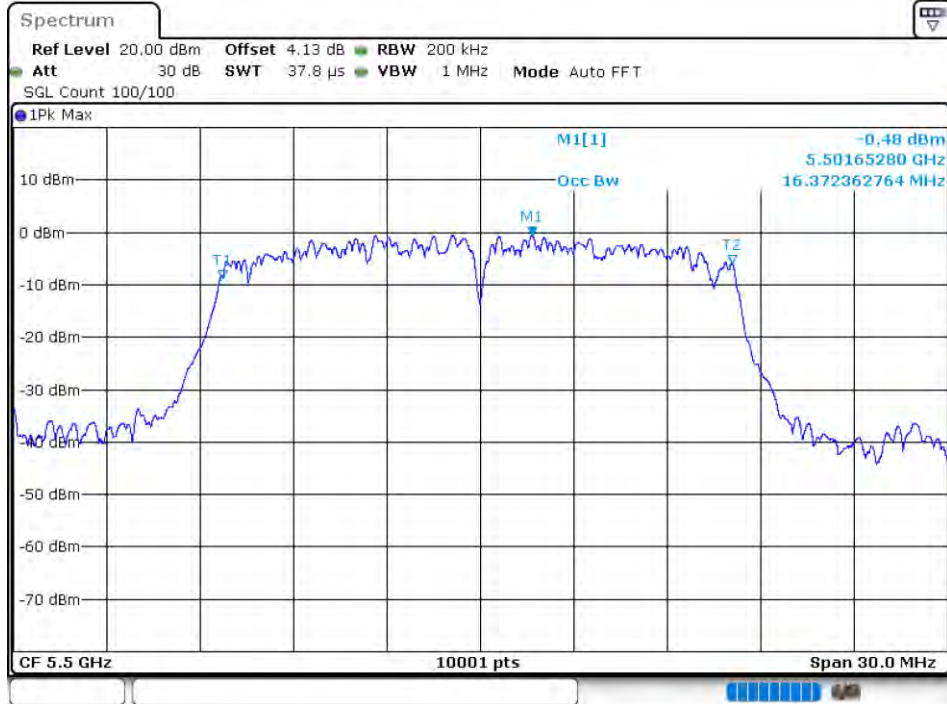


Occupied Channel Bandwidth

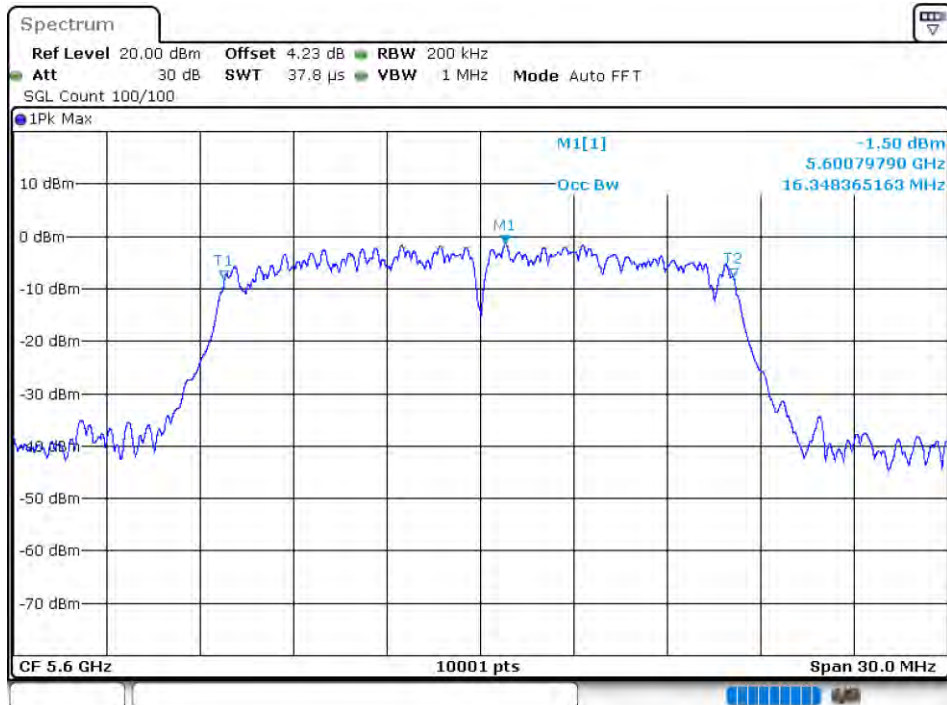
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.372
NVNT	a	5600	Ant1	16.348
NVNT	a	5700	Ant1	16.462
NVNT	n20	5500	Ant1	17.422
NVNT	n20	5600	Ant1	17.407
NVNT	n20	5700	Ant1	17.446
NVNT	n40	5510	Ant1	35.882
NVNT	n40	5590	Ant1	35.882
NVNT	n40	5670	Ant1	35.858

Test Graphs

OBW NVNT a 5500MHz Ant1



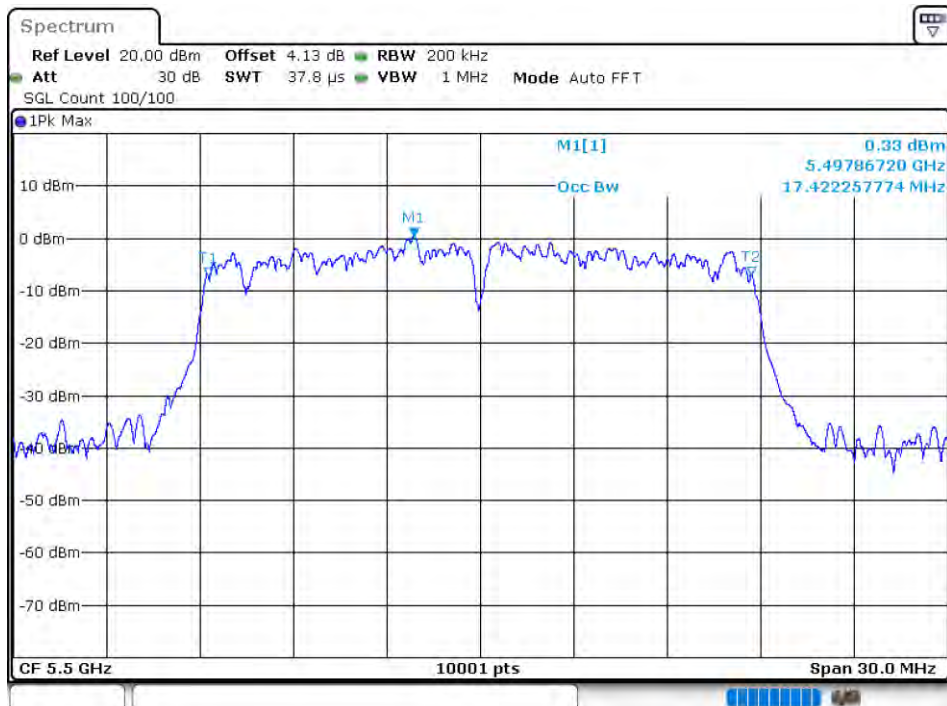
OBW NVNT a 5600MHz Ant1

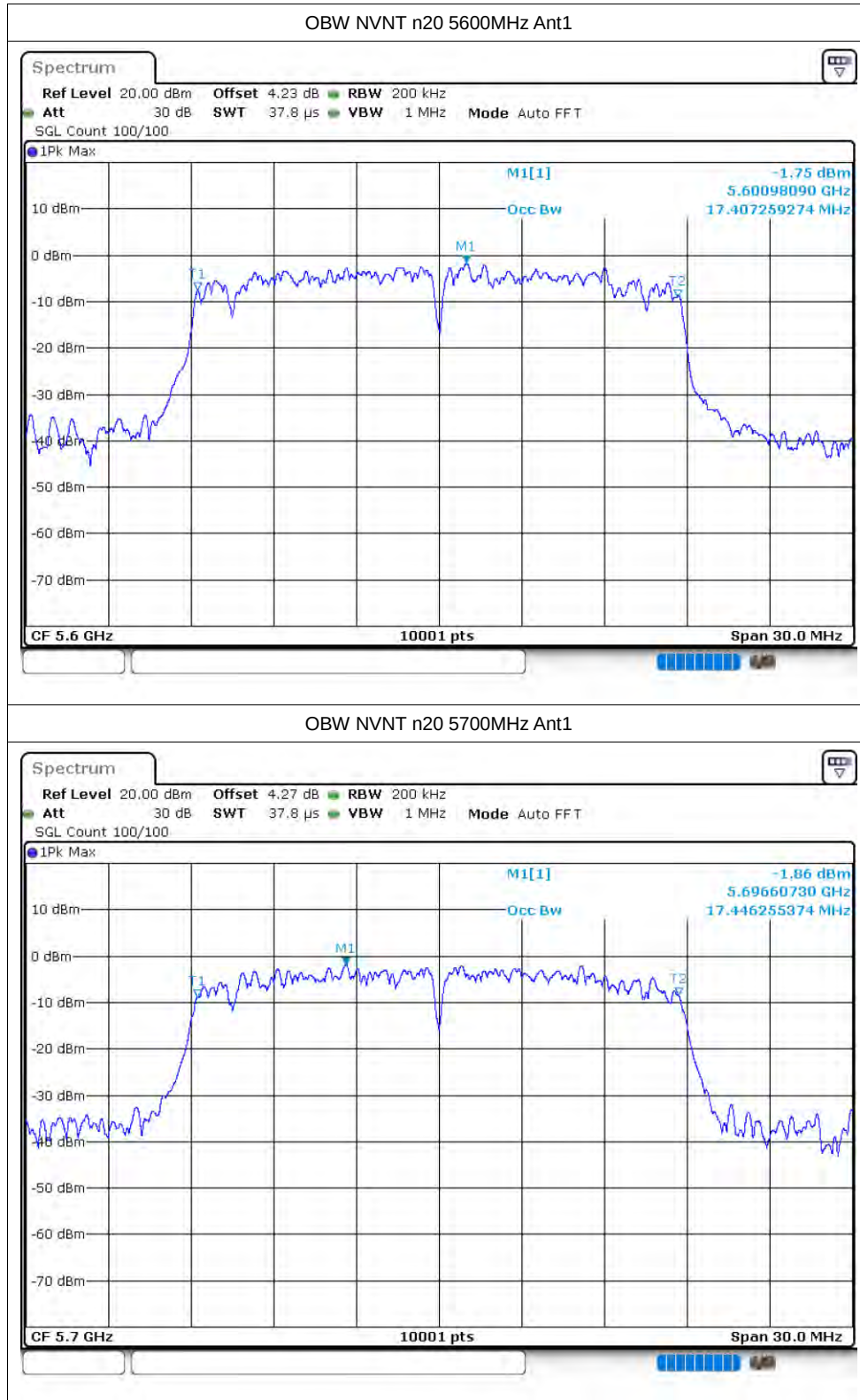


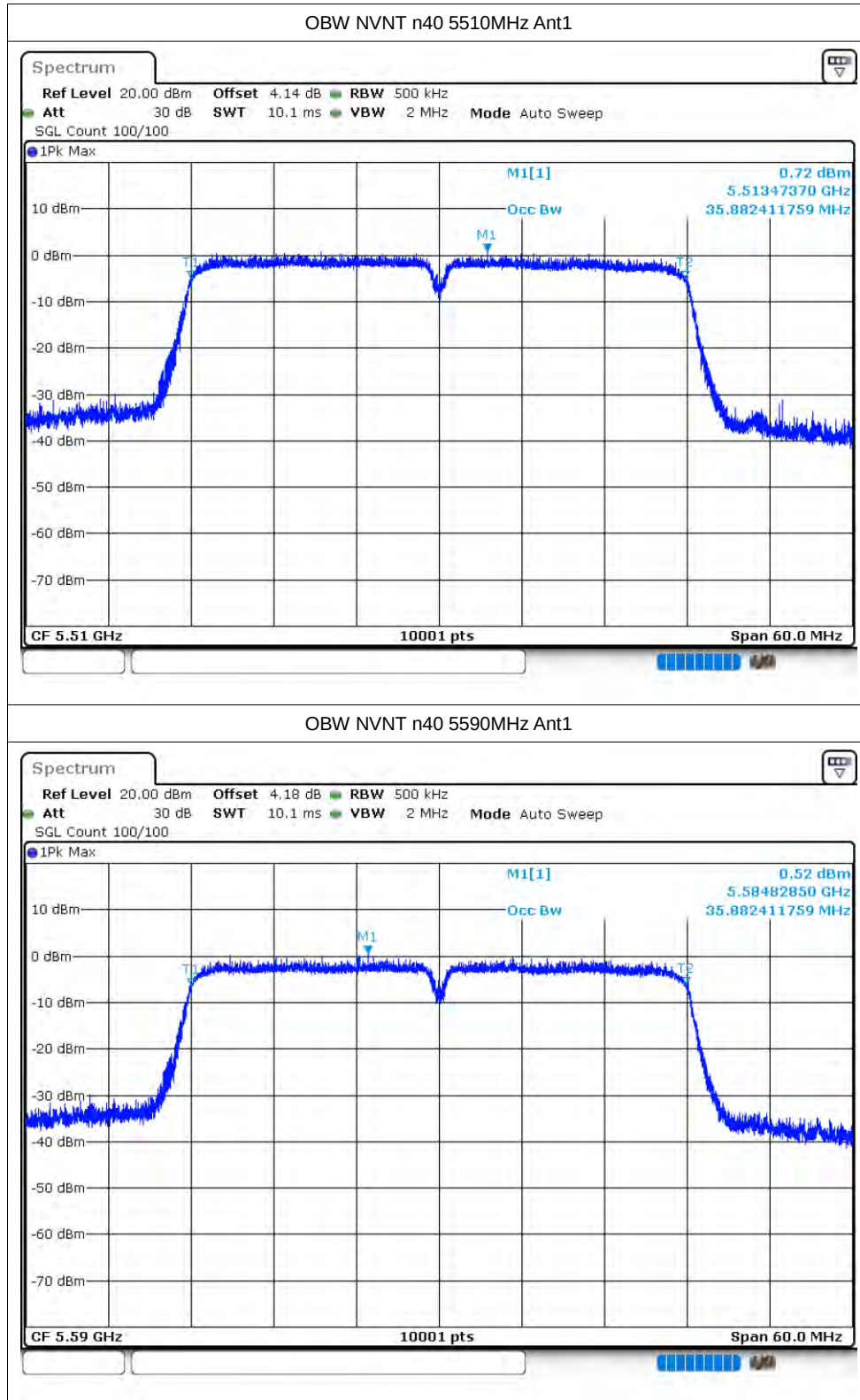
OBW NVNT a 5700MHz Ant1

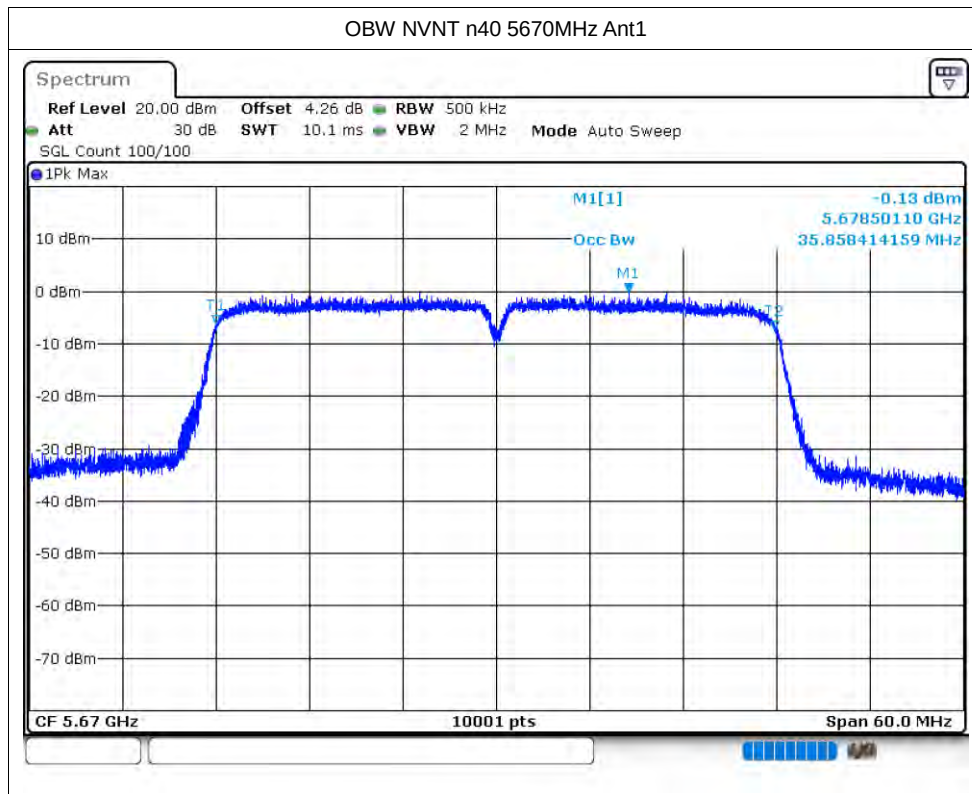


OBW NVNT n20 5500MHz Ant1







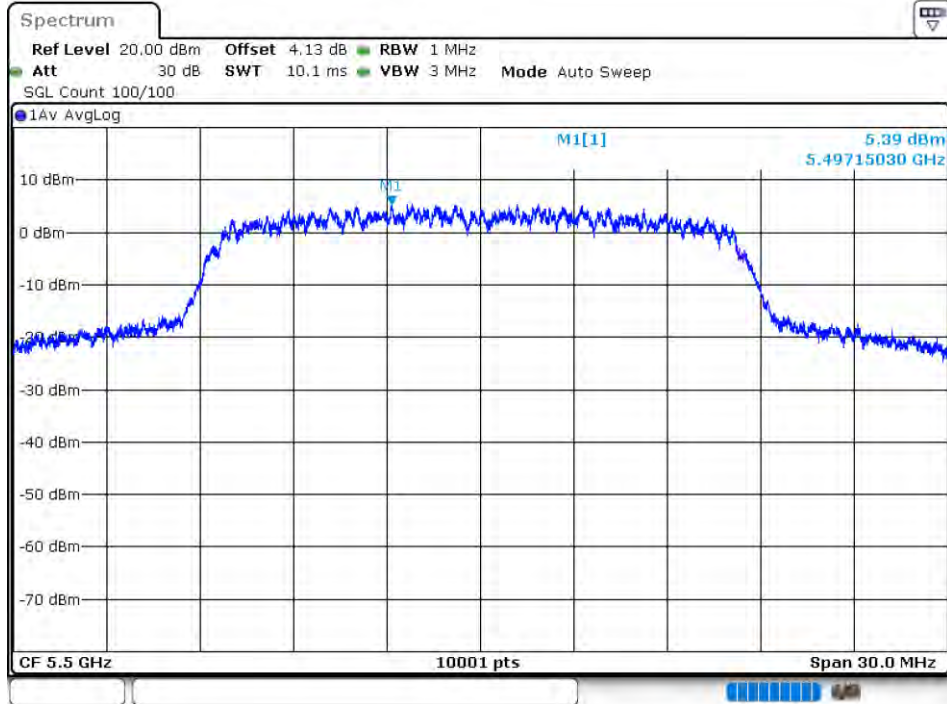


Maximum Power Spectral Density Level

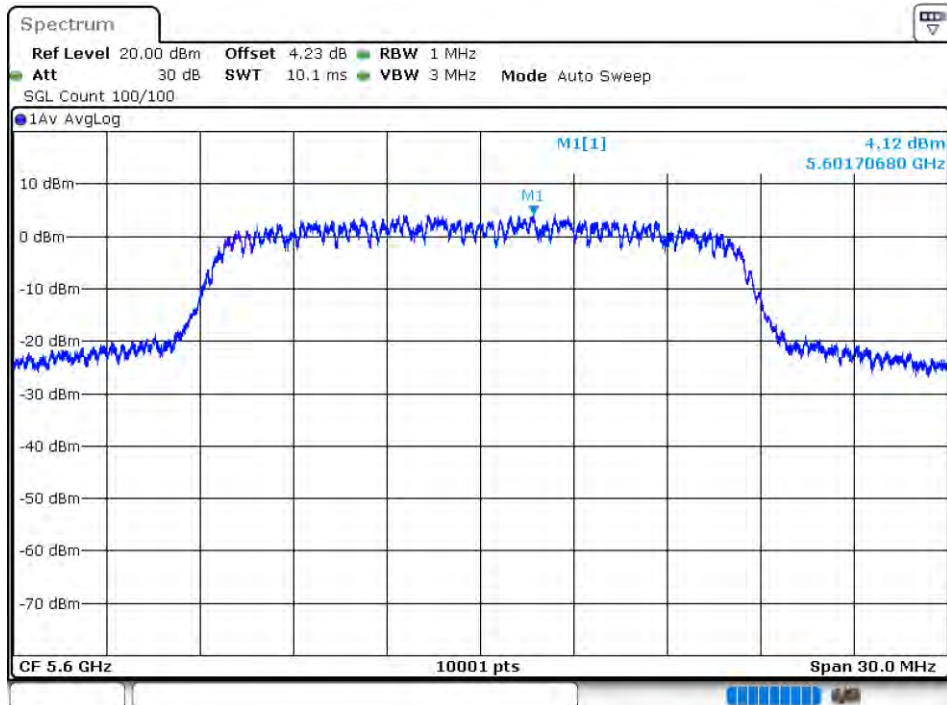
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	5.39	0.09	5.48	11	Pass
NVNT	a	5600	Ant1	4.12	0.1	4.22	11	Pass
NVNT	a	5700	Ant1	4	0.1	4.1	11	Pass
NVNT	n20	5500	Ant1	5.06	0.1	5.16	11	Pass
NVNT	n20	5600	Ant1	3.79	0.1	3.89	11	Pass
NVNT	n20	5700	Ant1	3.56	0.1	3.66	11	Pass
NVNT	n40	5510	Ant1	-6.37	0.21	-6.16	11	Pass
NVNT	n40	5590	Ant1	-6.94	0.21	-6.73	11	Pass
NVNT	n40	5670	Ant1	-6.34	0.21	-6.13	11	Pass

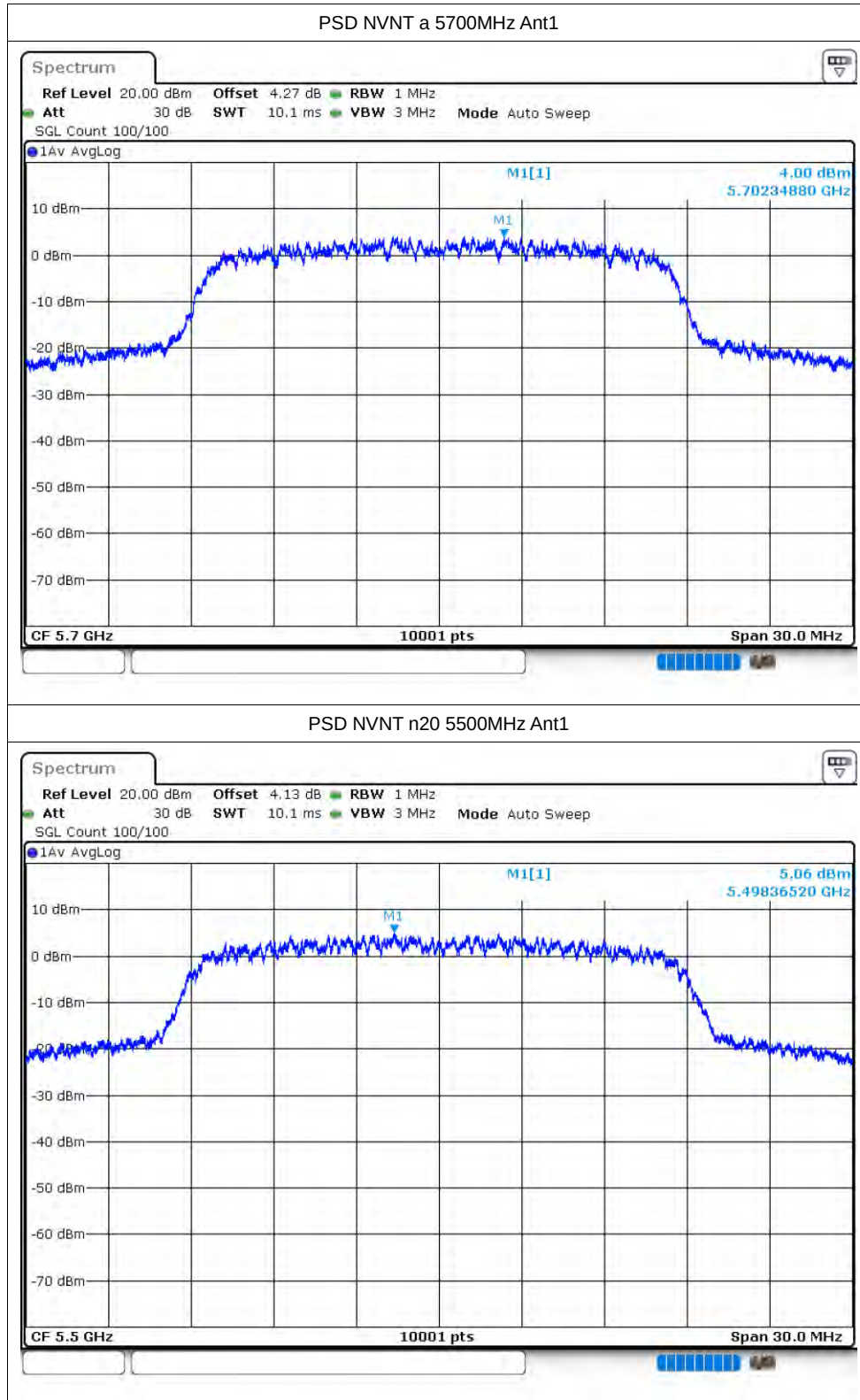
Test Graphs

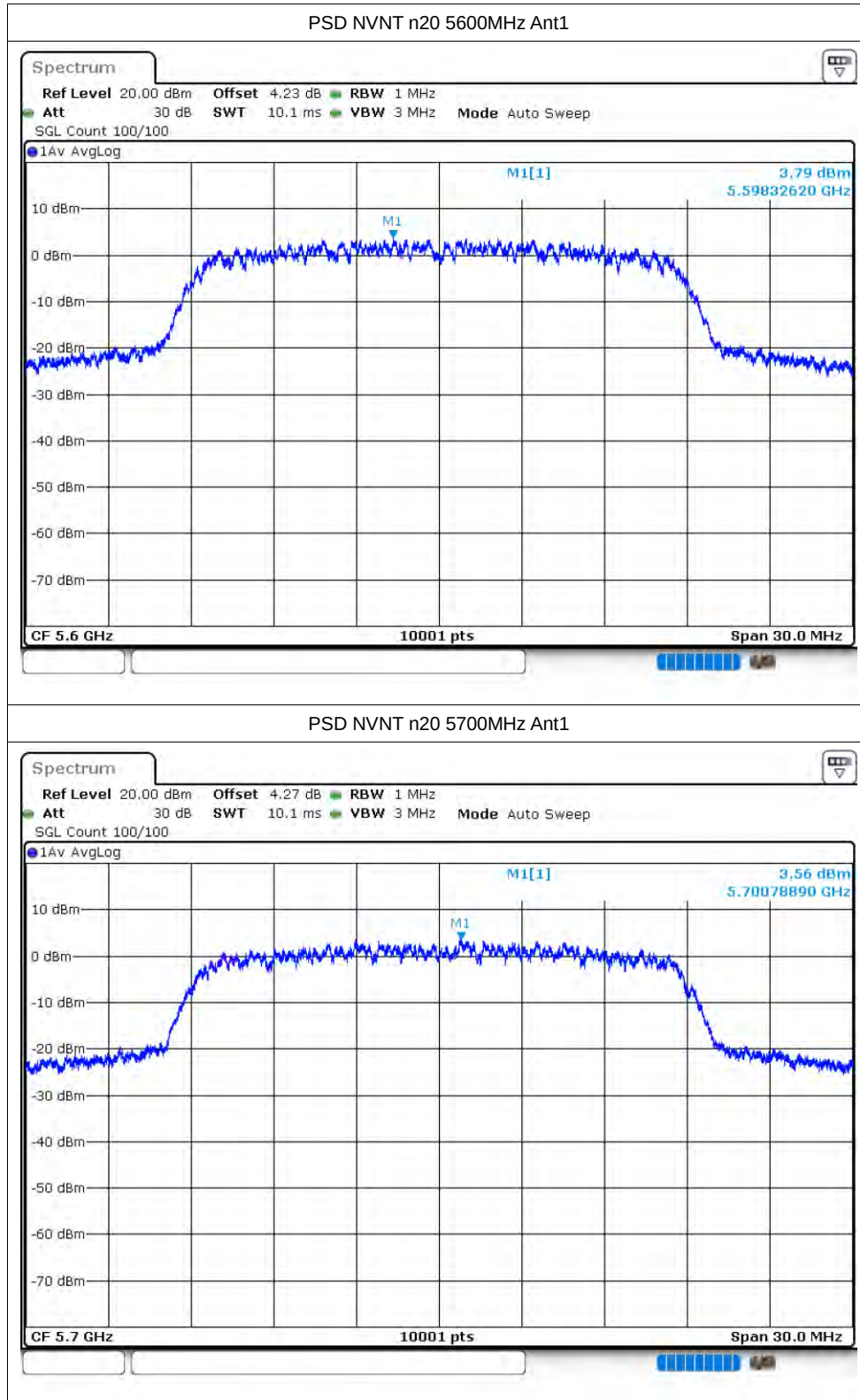
PSD NVNT a 5500MHz Ant1

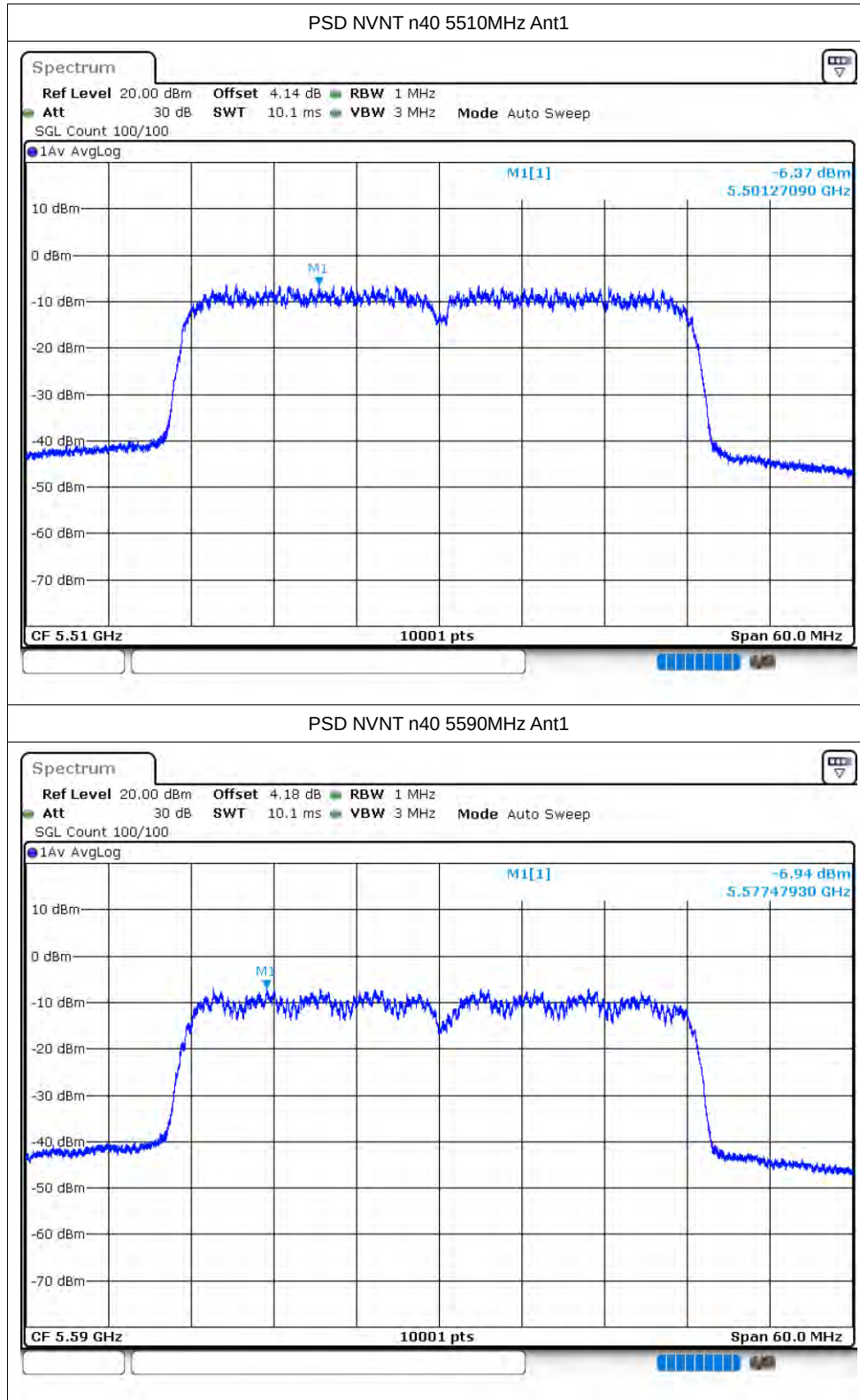


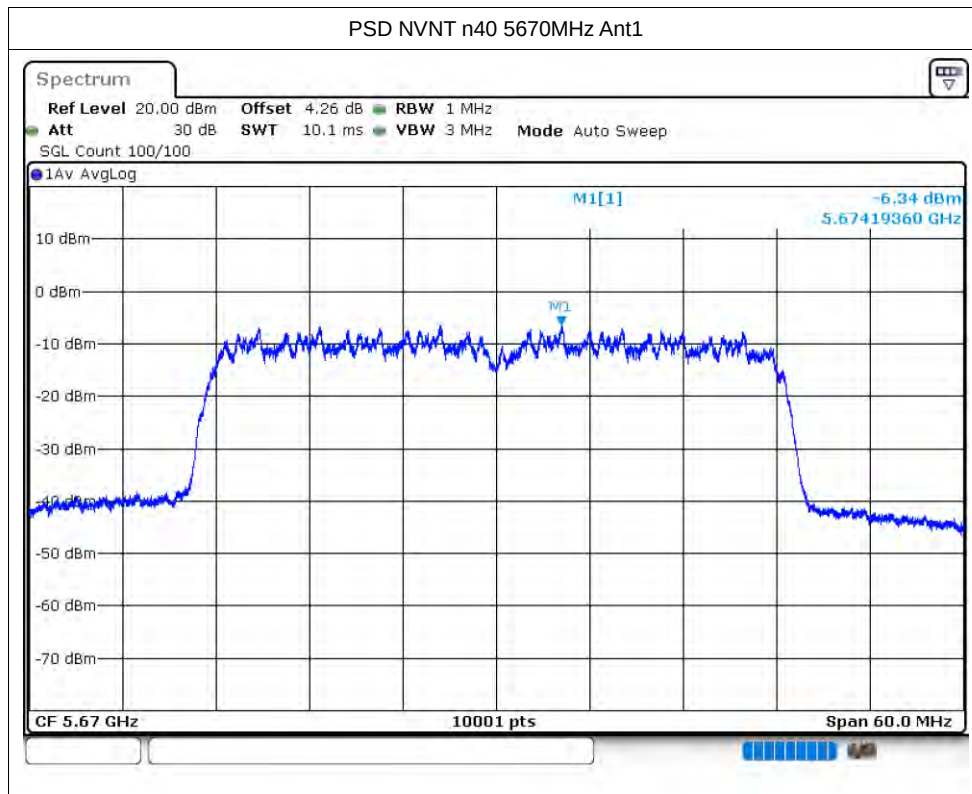
PSD NVNT a 5600MHz Ant1









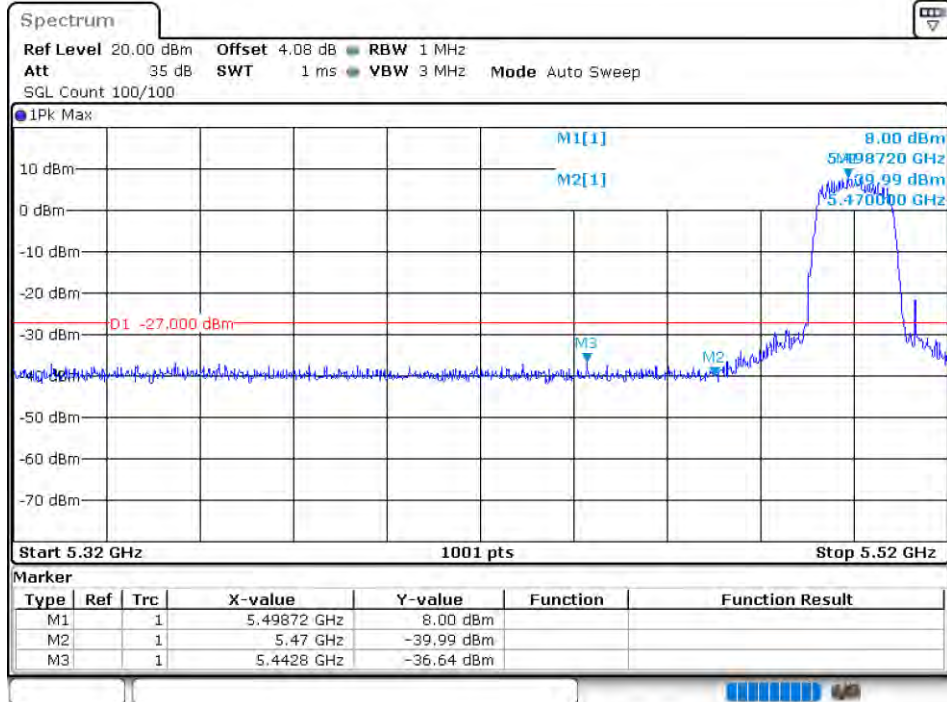


Band Edge

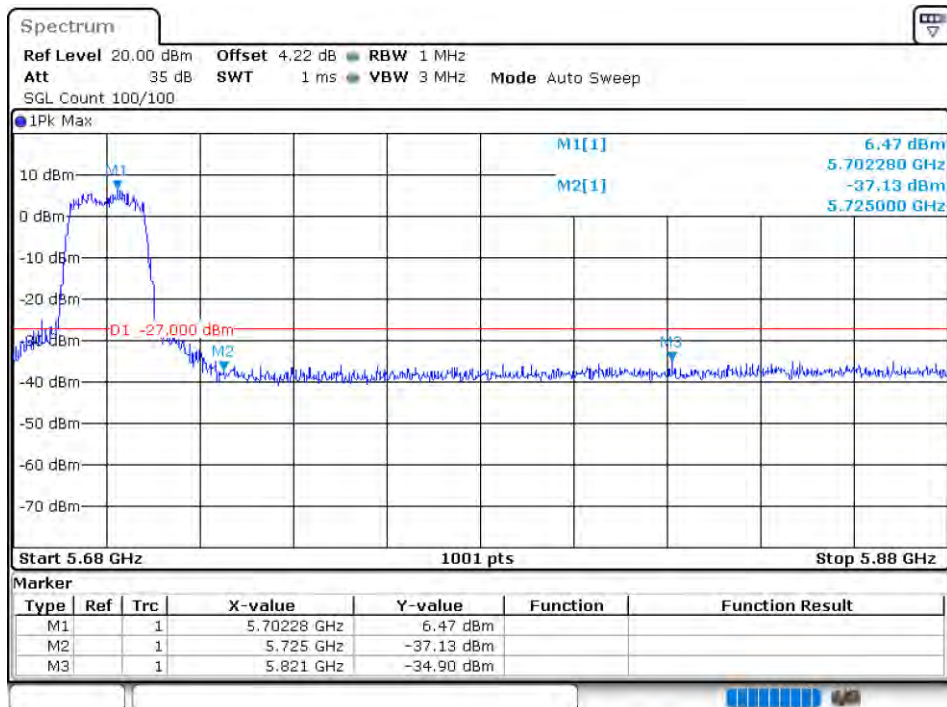
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-36.63	-27	Pass
NVNT	a	5700	Ant1	-34.9	-27	Pass
NVNT	n20	5500	Ant1	-36.21	-27	Pass
NVNT	n20	5700	Ant1	-34.04	-27	Pass
NVNT	n40	5510	Ant1	-32.71	-27	Pass
NVNT	n40	5670	Ant1	-35.04	-27	Pass

Test Graphs

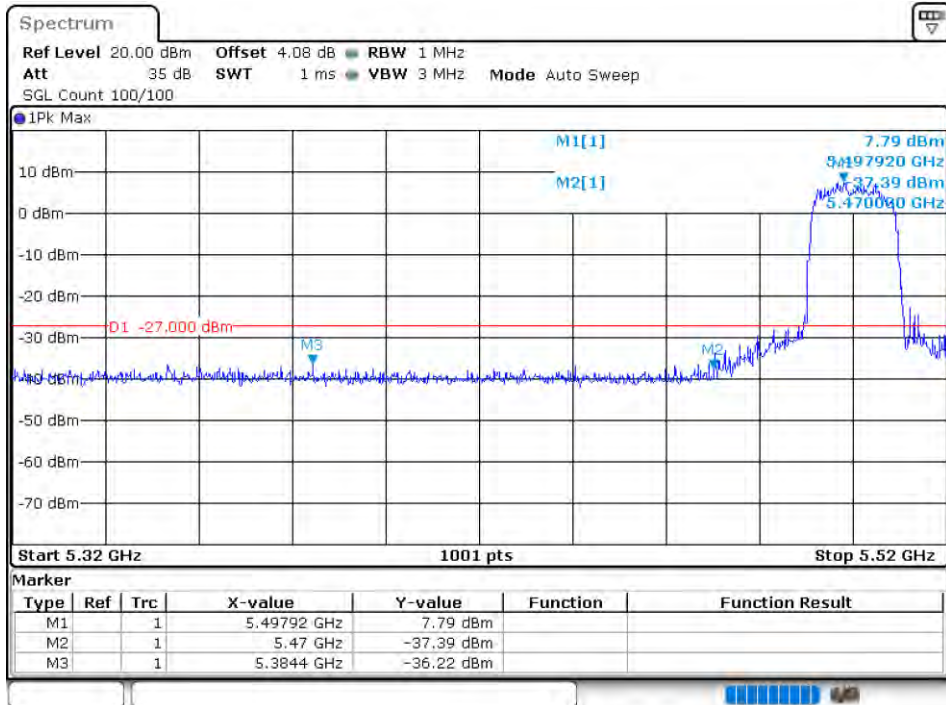
Band Edge NVNT a 5500MHz Low Ant1



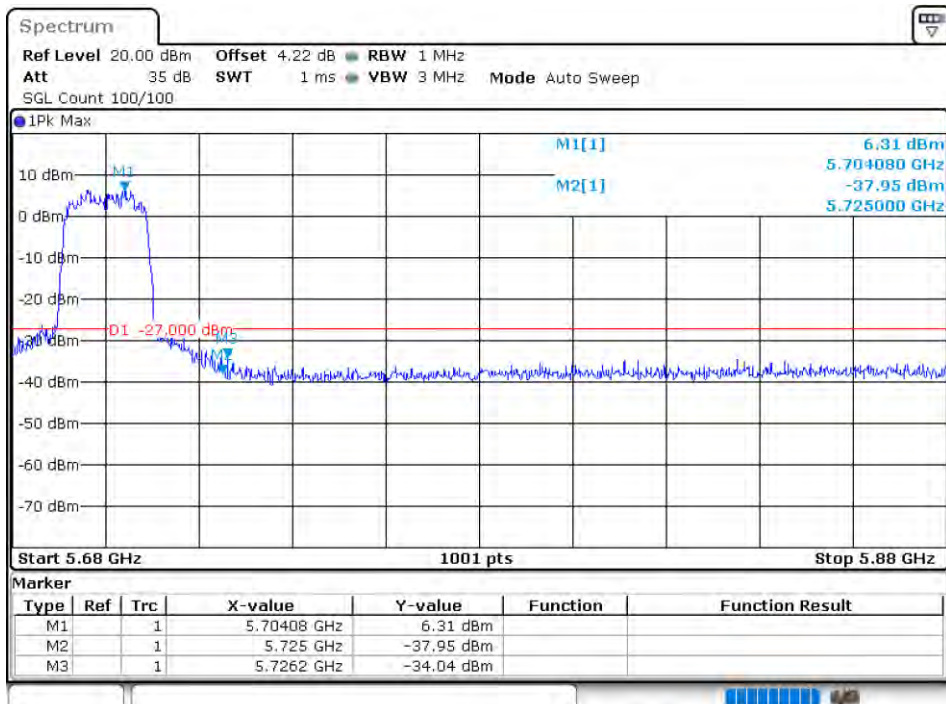
Band Edge NVNT a 5700MHz High Ant1



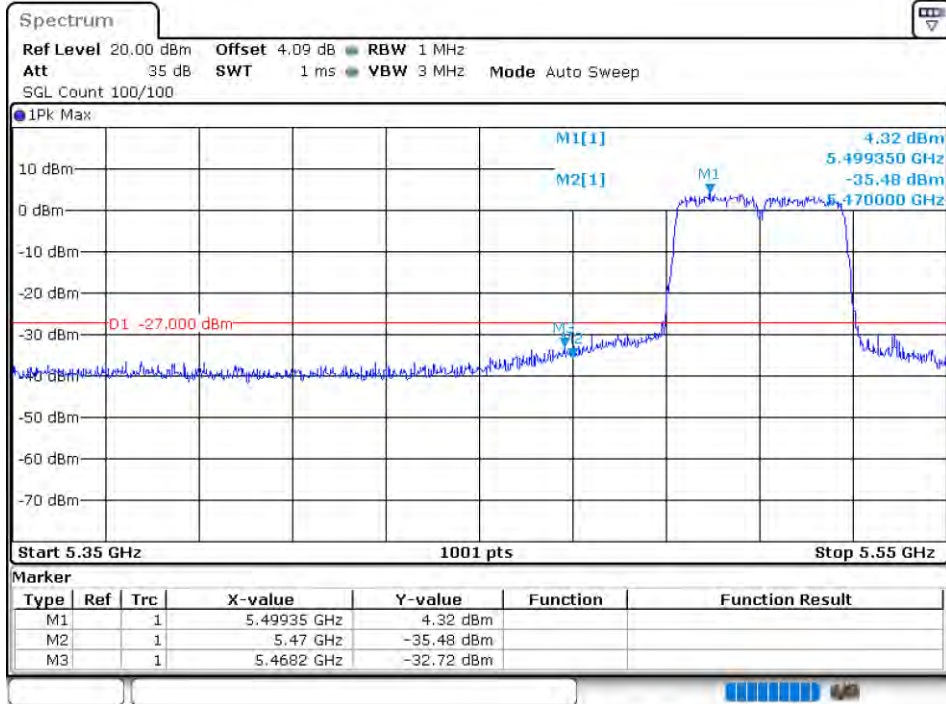
Band Edge NVNT n20 5500MHz Low Ant1



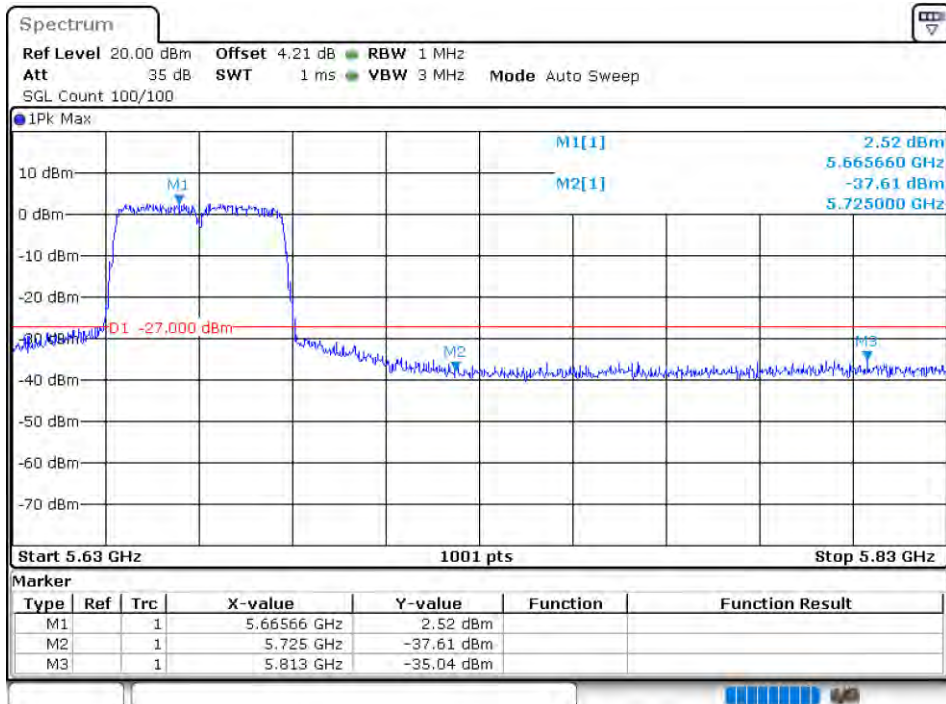
Band Edge NVNT n20 5700MHz High Ant1



Band Edge NVNT n40 5510MHz Low Ant1



Band Edge NVNT n40 5670MHz High Ant1

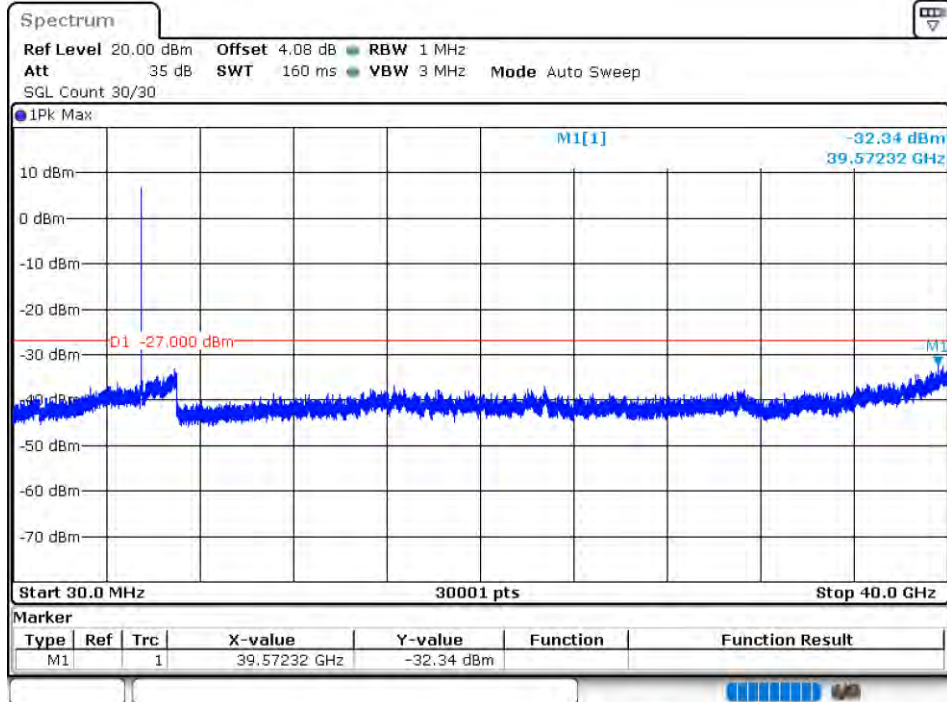


Conducted RF Spurious Emission

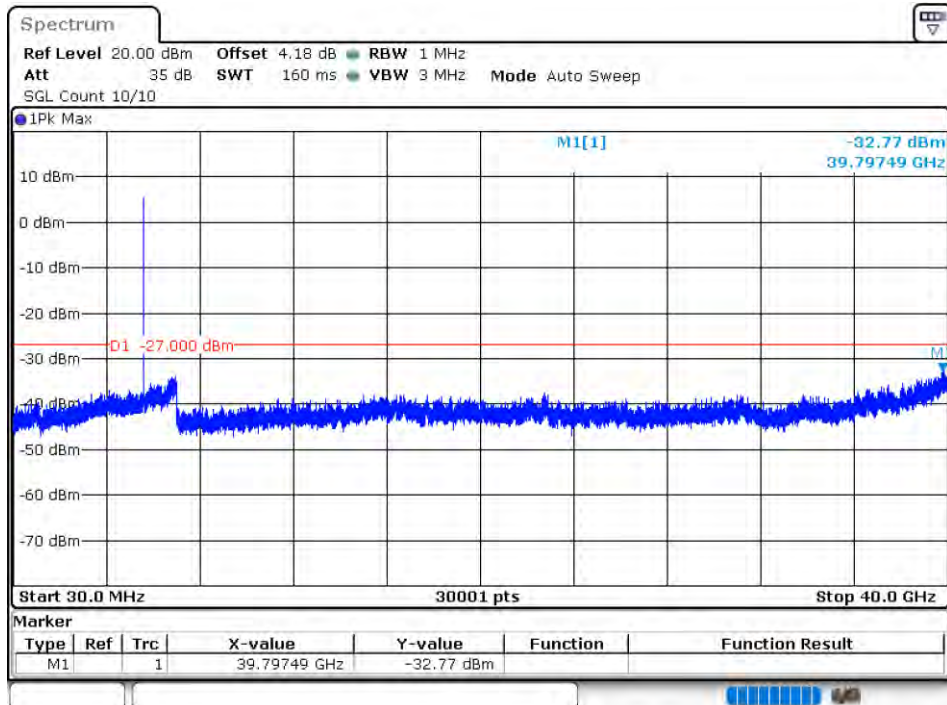
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-32.33	-27	Pass
NVNT	a	5600	Ant1	-32.77	-27	Pass
NVNT	a	5700	Ant1	-33.09	-27	Pass
NVNT	n20	5500	Ant1	-32.9	-27	Pass
NVNT	n20	5600	Ant1	-33	-27	Pass
NVNT	n20	5700	Ant1	-32.82	-27	Pass
NVNT	n40	5510	Ant1	-32.62	-27	Pass
NVNT	n40	5590	Ant1	-32.44	-27	Pass
NVNT	n40	5670	Ant1	-32.83	-27	Pass

Test Graphs

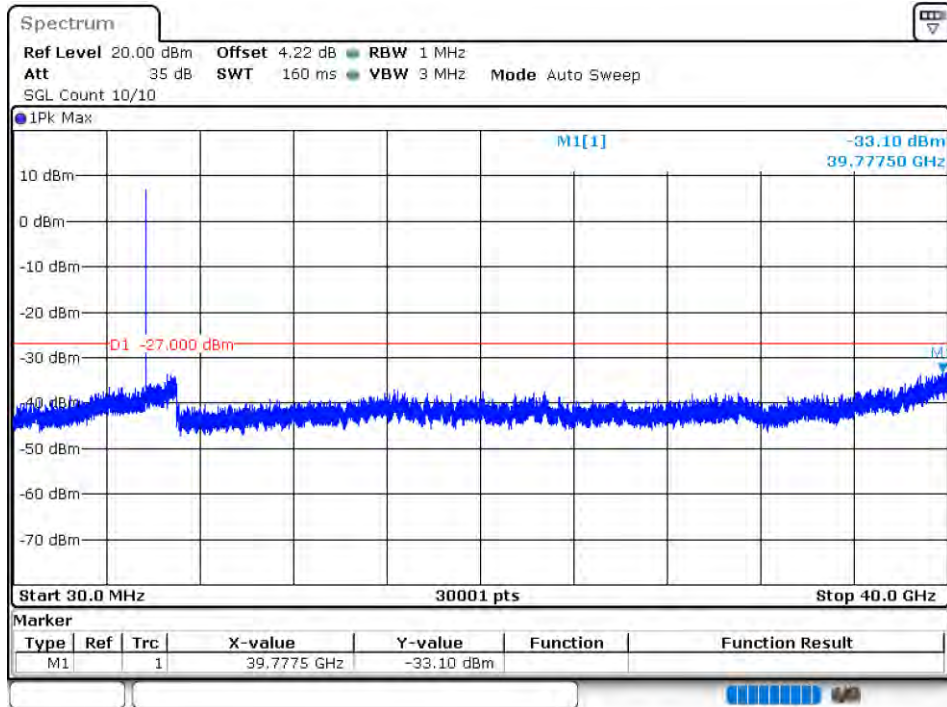
Tx. Spurious NVNT a 5500MHz Ant1 Emission



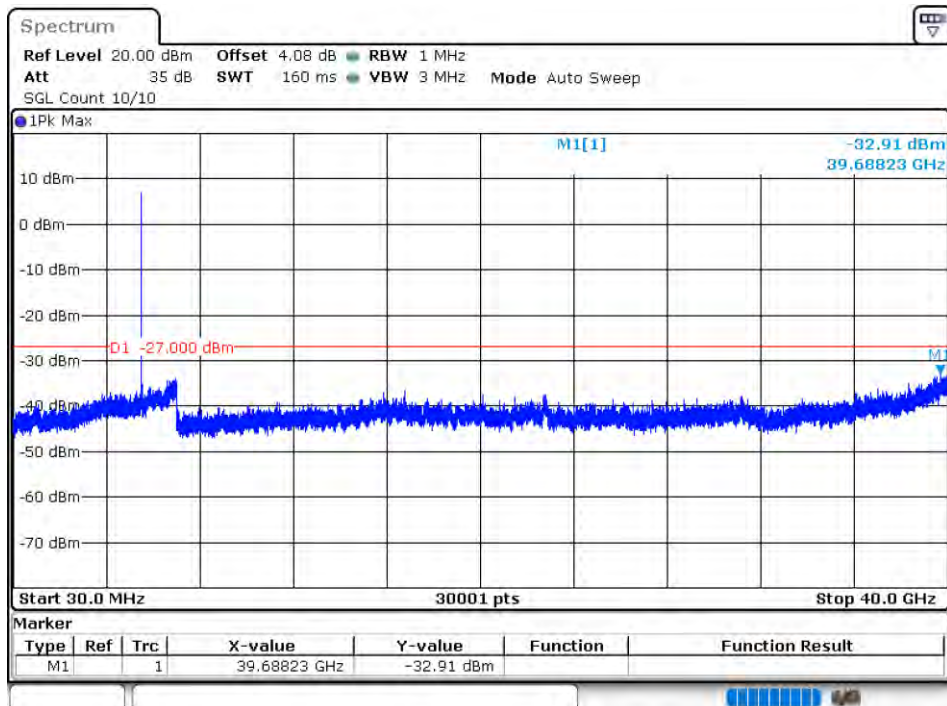
Tx. Spurious NVNT a 5600MHz Ant1 Emission



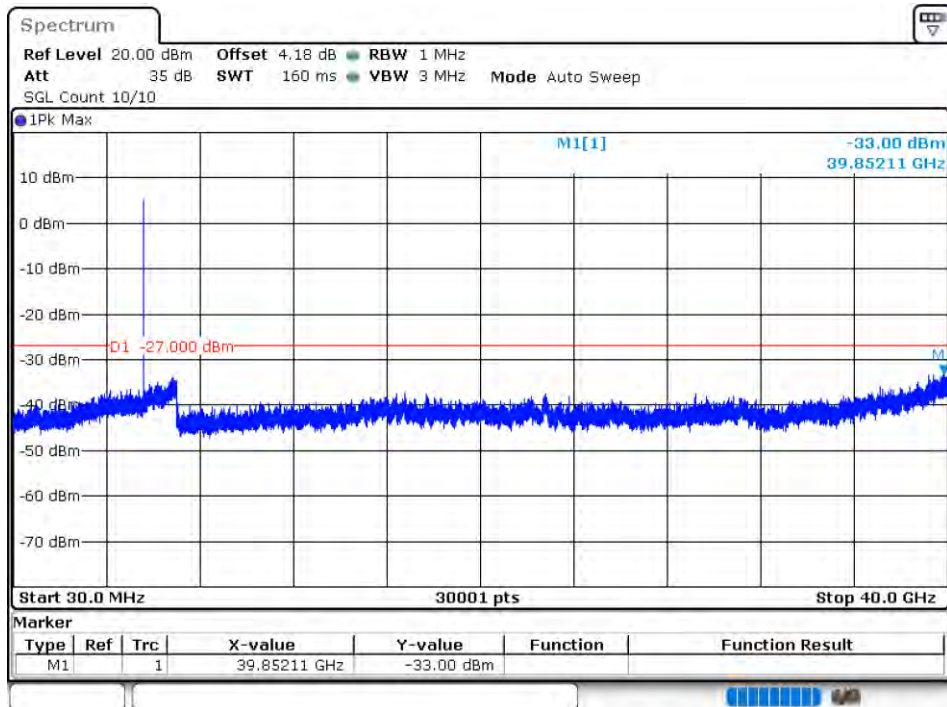
Tx. Spurious NVNT a 5700MHz Ant1 Emission



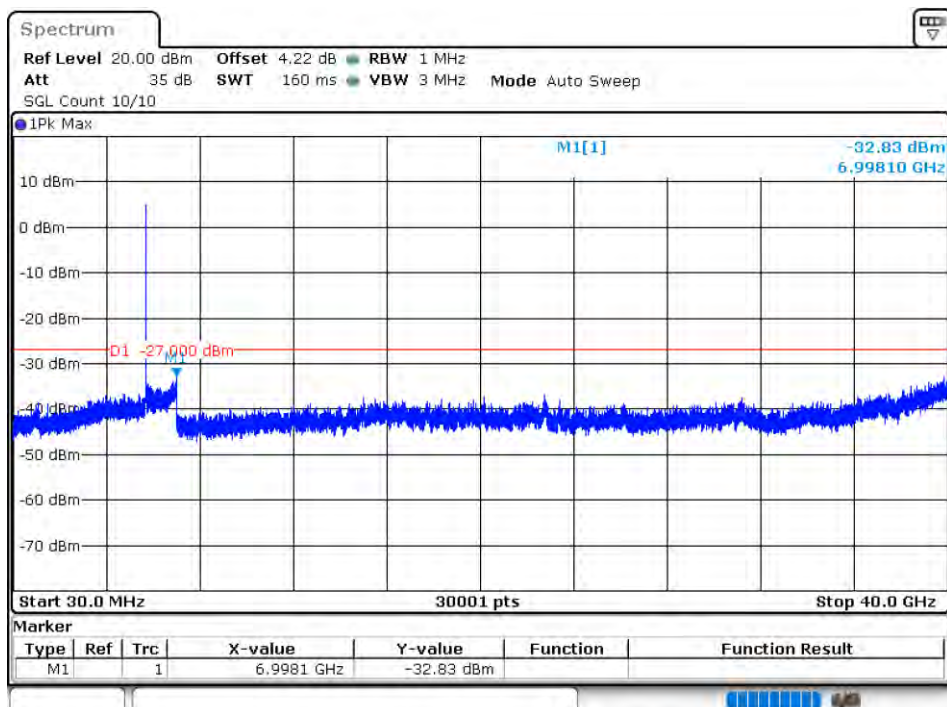
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



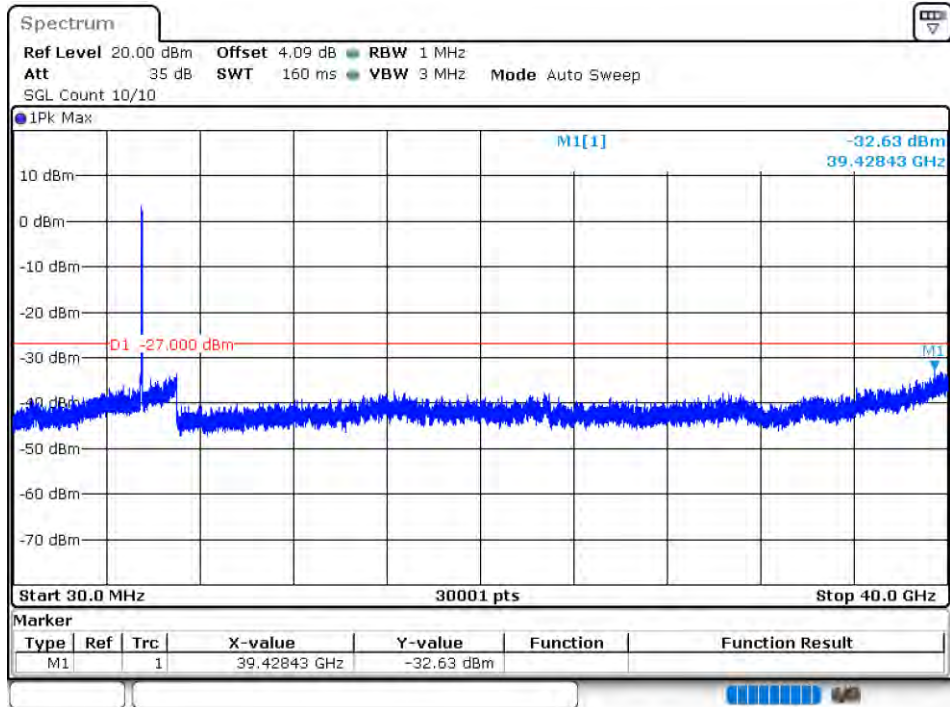
Tx. Spurious NVNT n20 5600MHz Ant1 Emission



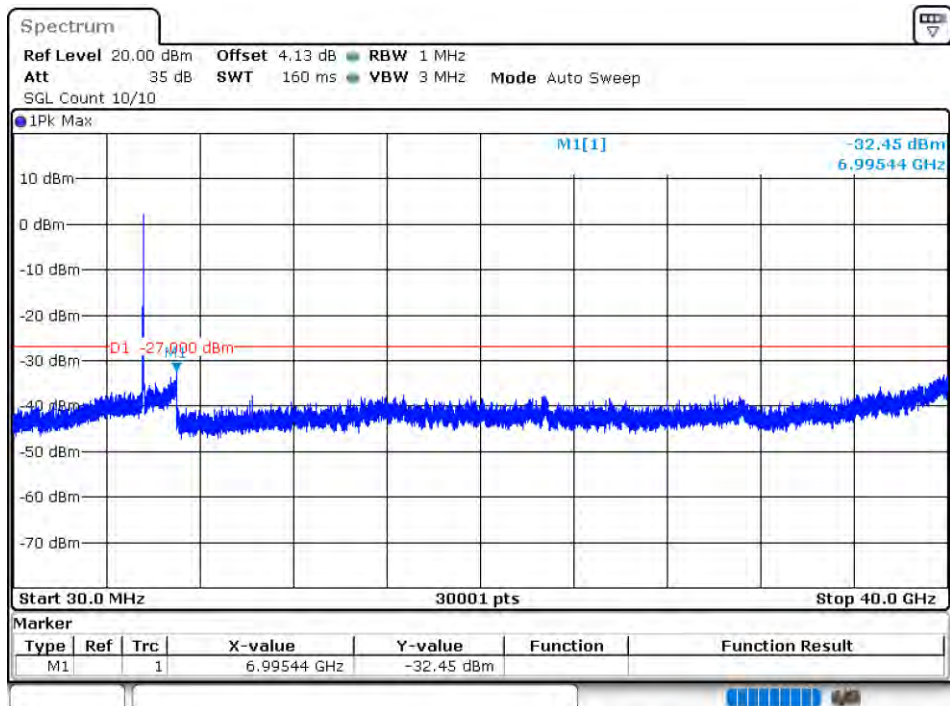
Tx. Spurious NVNT n20 5700MHz Ant1 Emission

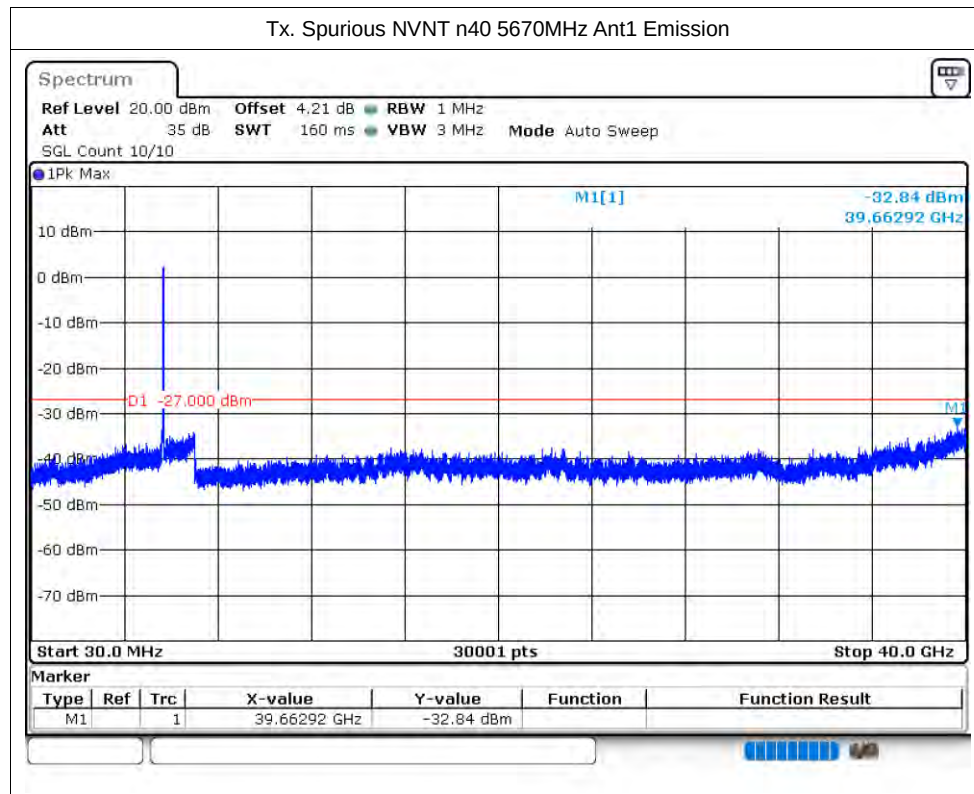


Tx. Spurious NVNT n40 5510MHz Ant1 Emission



Tx. Spurious NVNT n40 5590MHz Ant1 Emission





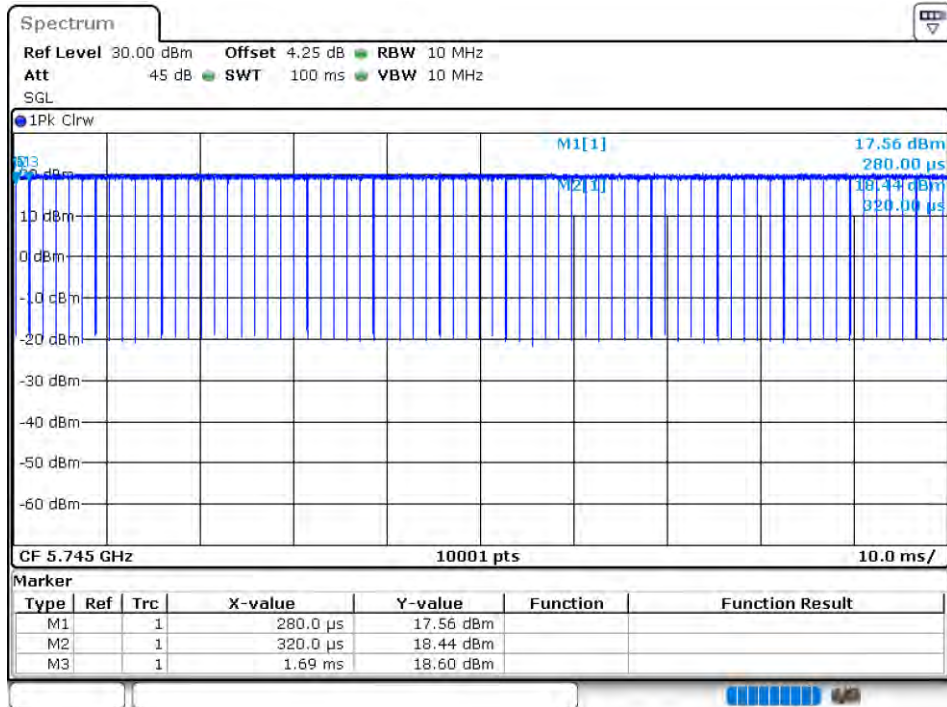
5.8G WIFI

Duty Cycle

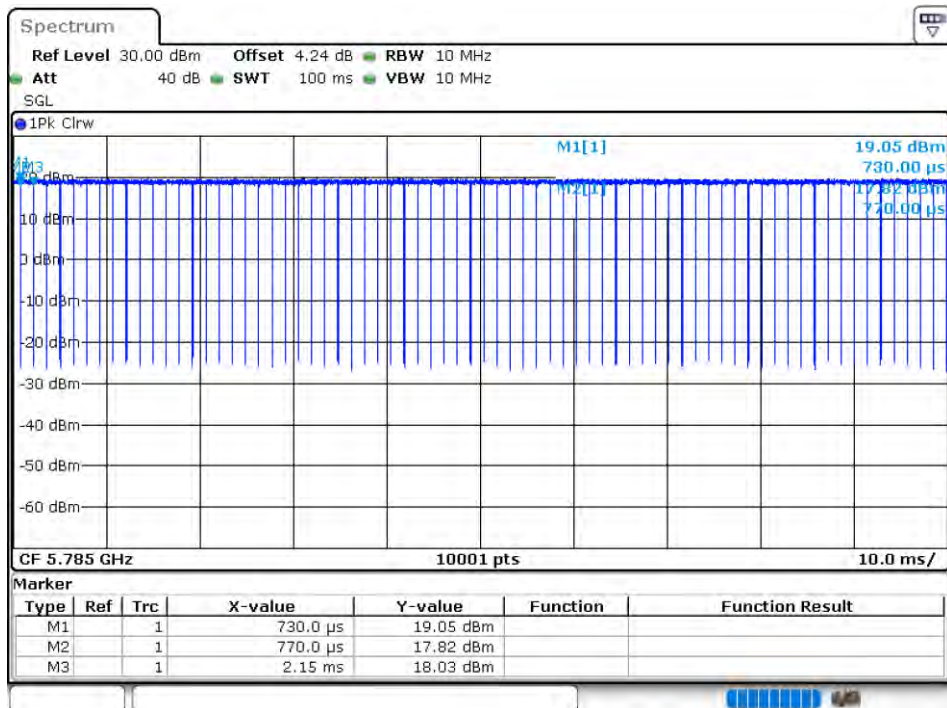
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	97.83	0.1	0.73
NVNT	a	5785	Ant1	97.82	0.1	0.72
NVNT	a	5825	Ant1	99.28	0.03	0.36
NVNT	n20	5745	Ant1	97.7	0.1	0.78
NVNT	n20	5785	Ant1	97.69	0.1	0.78
NVNT	n20	5825	Ant1	97.69	0.1	0.78
NVNT	n40	5755	Ant1	95.4	0.2	1.56
NVNT	n40	5795	Ant1	98.59	0.06	1.52

Test Graphs

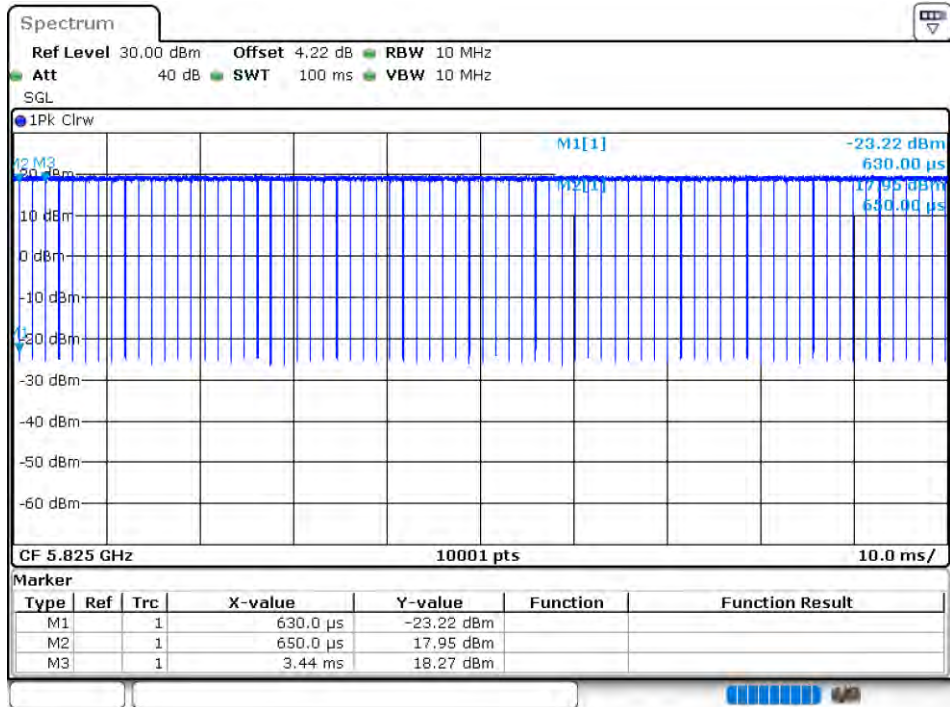
Duty Cycle NVNT a 5745MHz Ant1



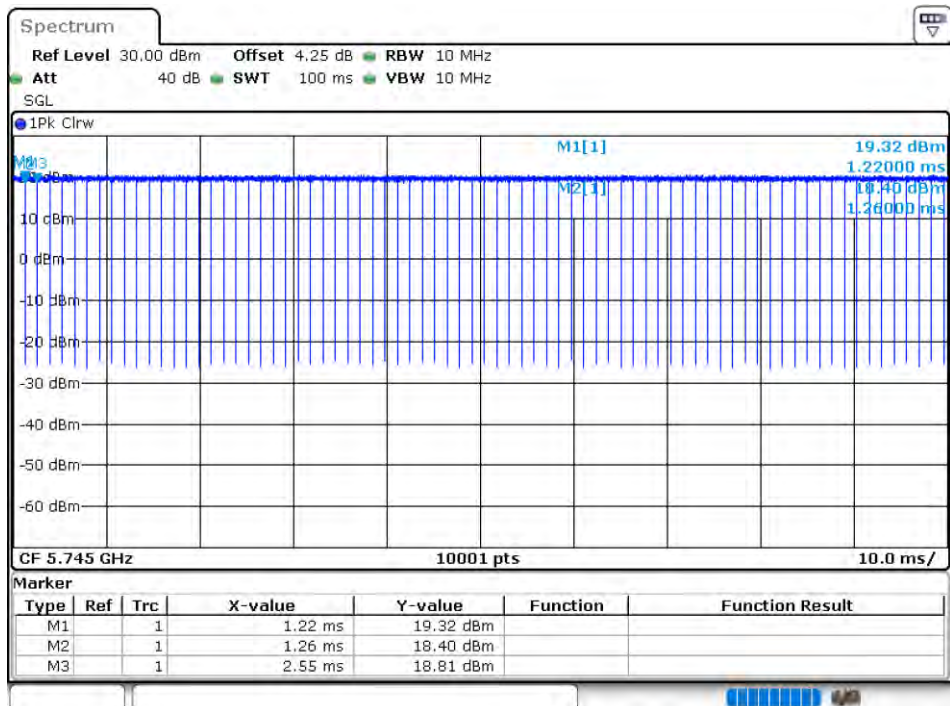
Duty Cycle NVNT a 5785MHz Ant1

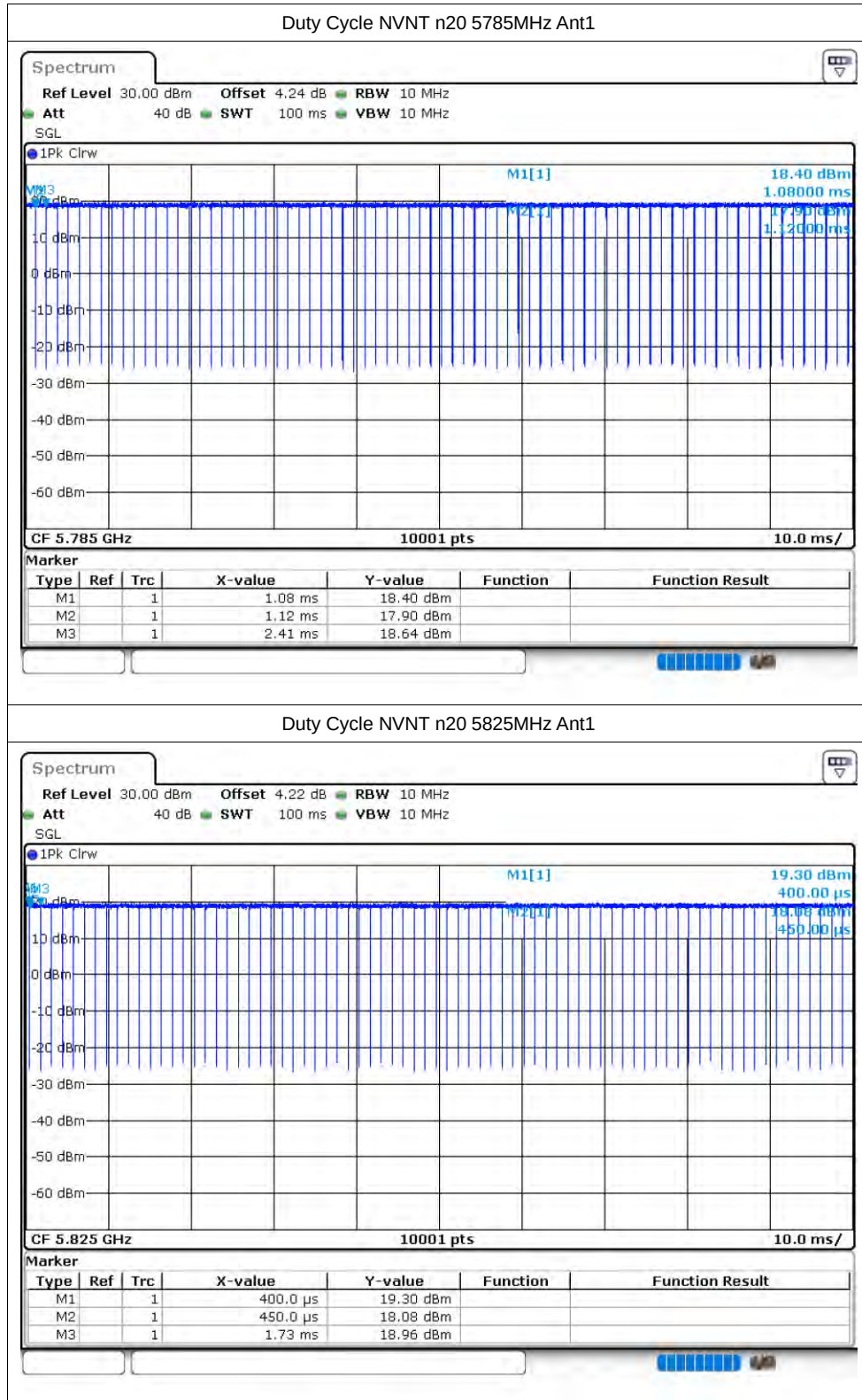


Duty Cycle NVNT a 5825MHz Ant1

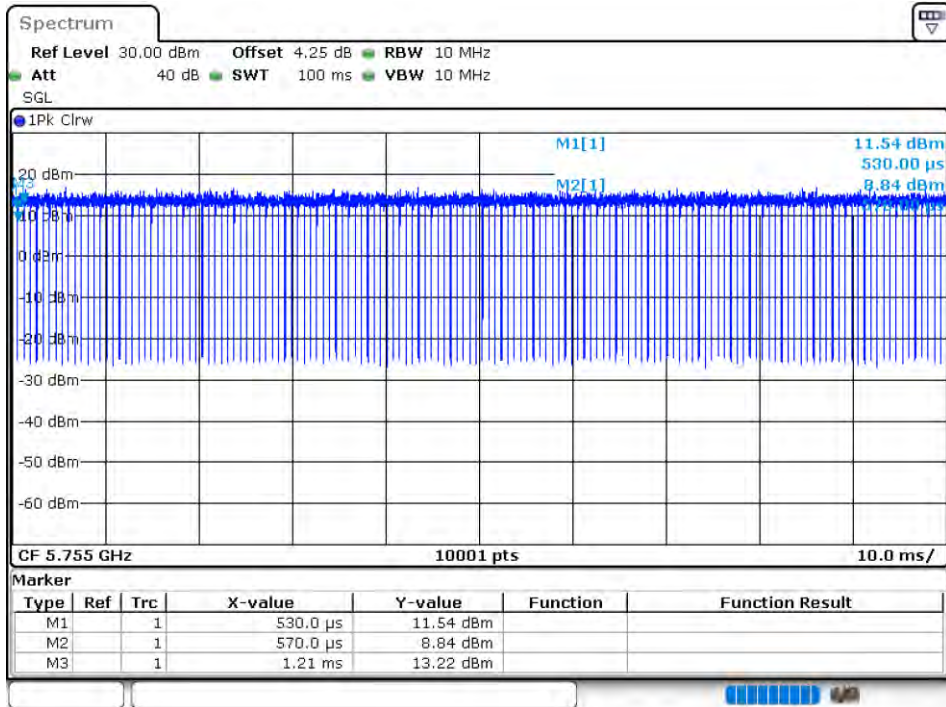


Duty Cycle NVNT n20 5745MHz Ant1

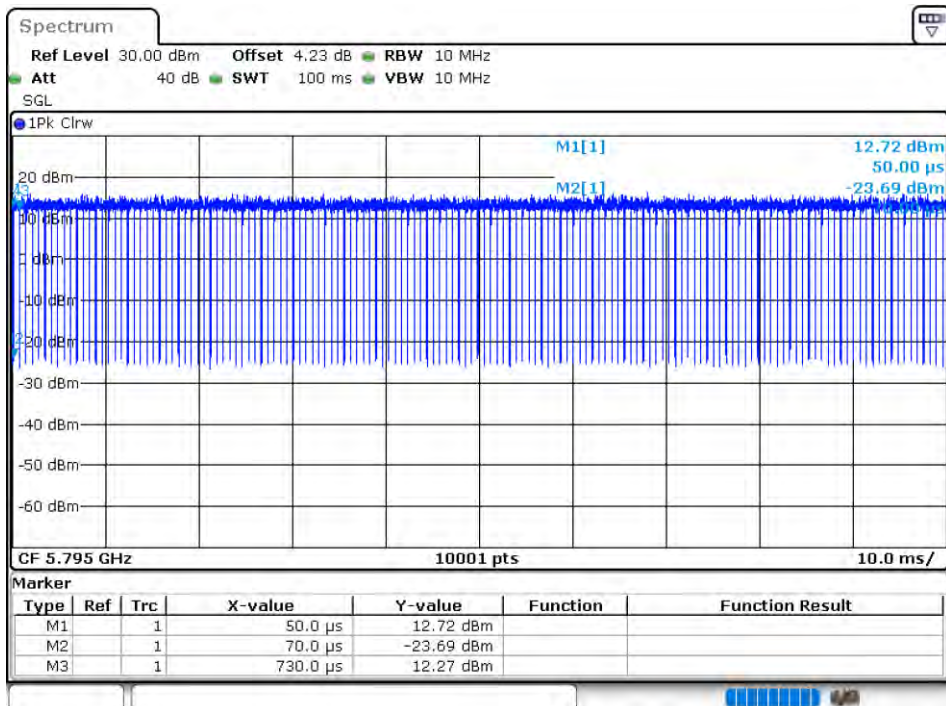




Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.18	30	Pass
NVNT	a	5785	Ant1	12.73	30	Pass
NVNT	a	5825	Ant1	13.32	30	Pass
NVNT	n20	5745	Ant1	12.05	30	Pass
NVNT	n20	5785	Ant1	12.4	30	Pass
NVNT	n20	5825	Ant1	12.93	30	Pass
NVNT	n40	5755	Ant1	12.13	30	Pass
NVNT	n40	5795	Ant1	12.4	30	Pass

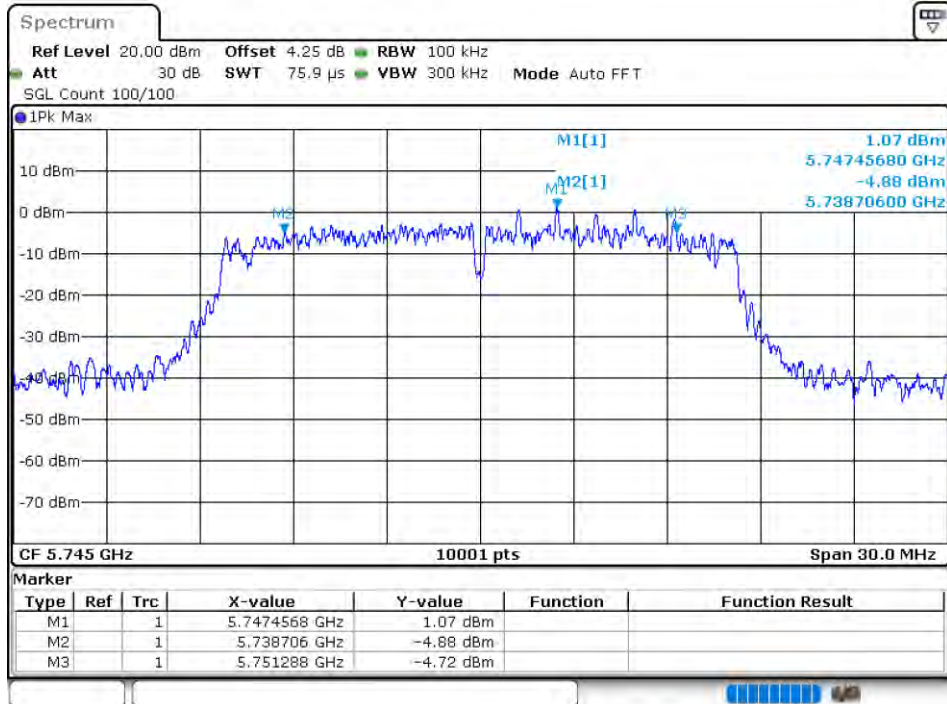
Note: The average power contains duty factor

-6dB Bandwidth

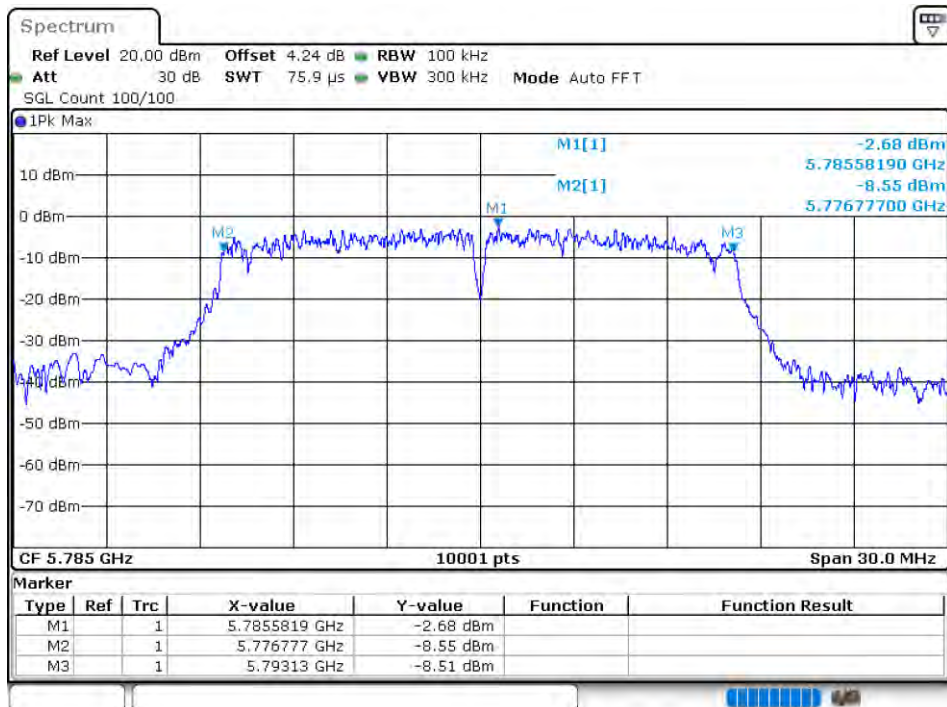
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	12.582	0.5	Pass
NVNT	a	5785	Ant1	16.353	0.5	Pass
NVNT	a	5825	Ant1	16.353	0.5	Pass
NVNT	n20	5745	Ant1	17.298	0.5	Pass
NVNT	n20	5785	Ant1	17.406	0.5	Pass
NVNT	n20	5825	Ant1	17.058	0.5	Pass
NVNT	n40	5755	Ant1	35.124	0.5	Pass
NVNT	n40	5795	Ant1	35.112	0.5	Pass

Test Graphs

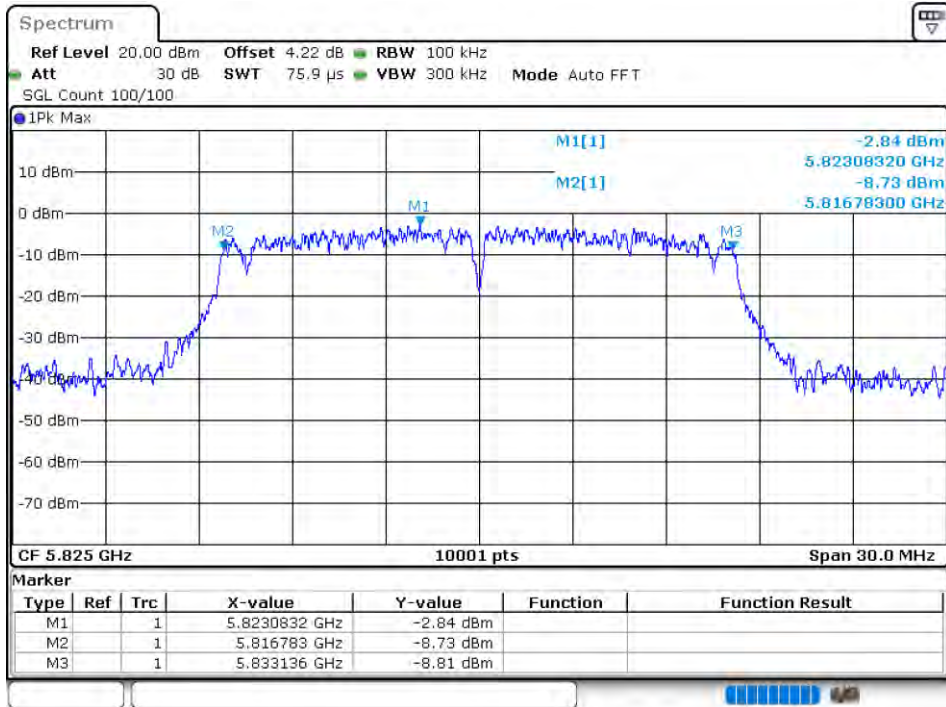
-6dB Bandwidth NVNT a 5745MHz Ant1



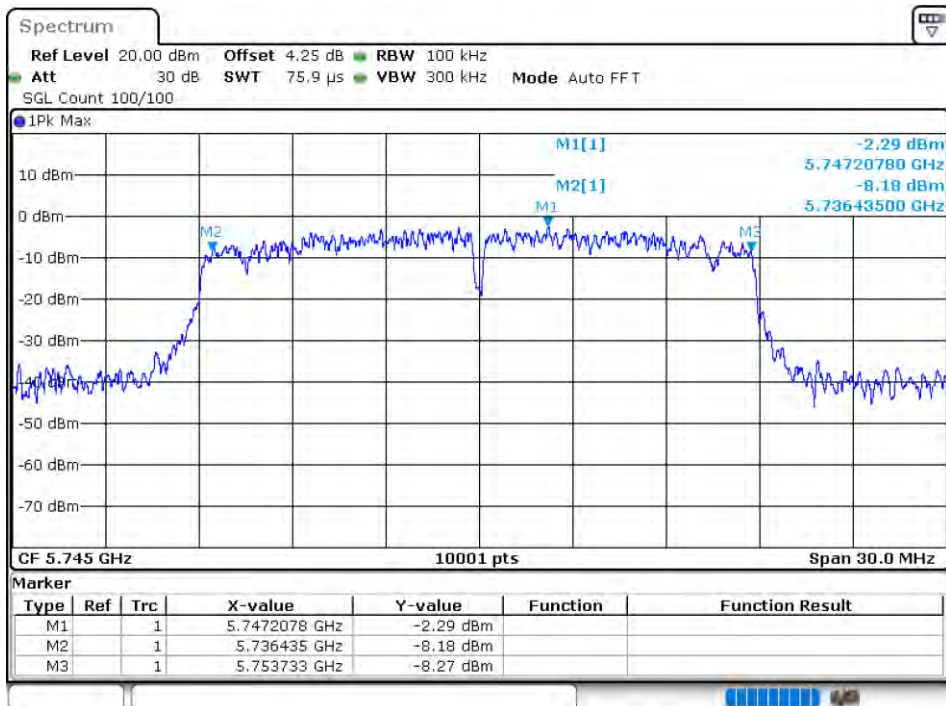
-6dB Bandwidth NVNT a 5785MHz Ant1



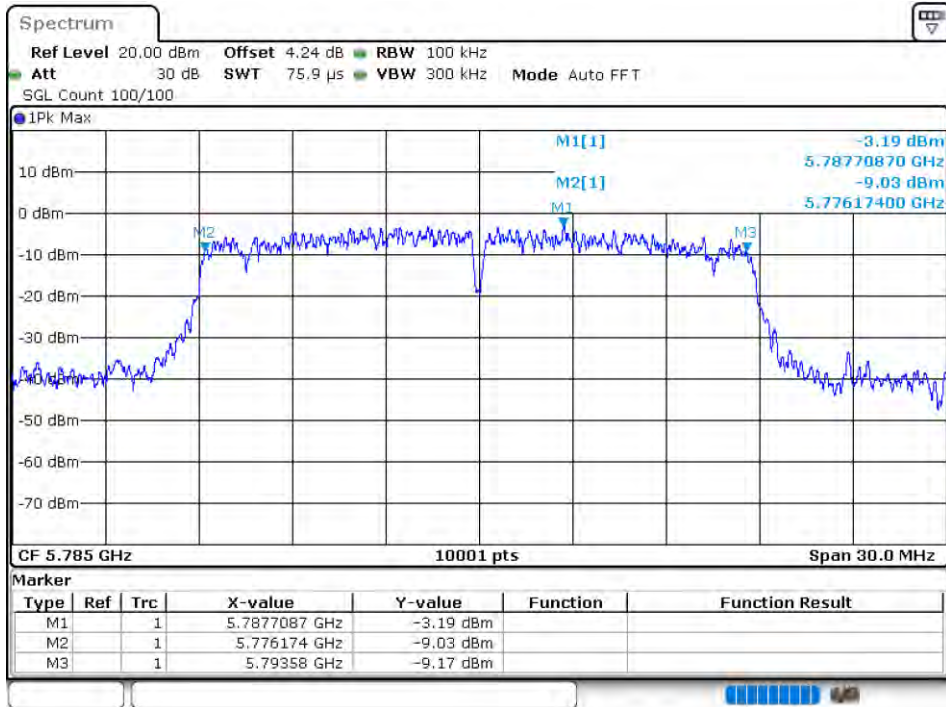
-6dB Bandwidth NVNT a 5825MHz Ant1



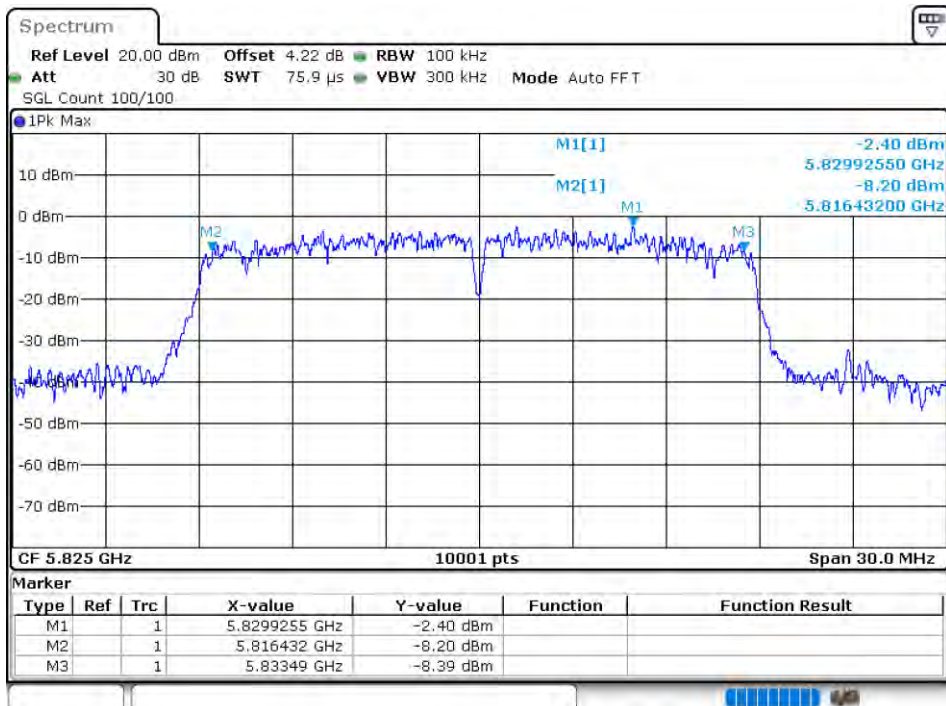
-6dB Bandwidth NVNT n20 5745MHz Ant1



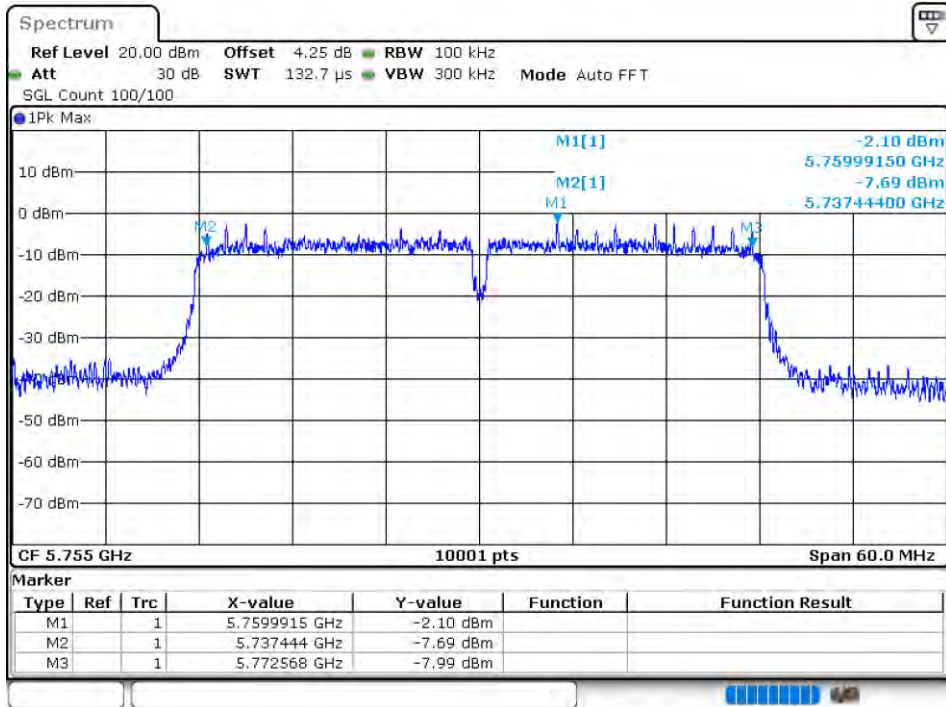
-6dB Bandwidth NVNT n20 5785MHz Ant1



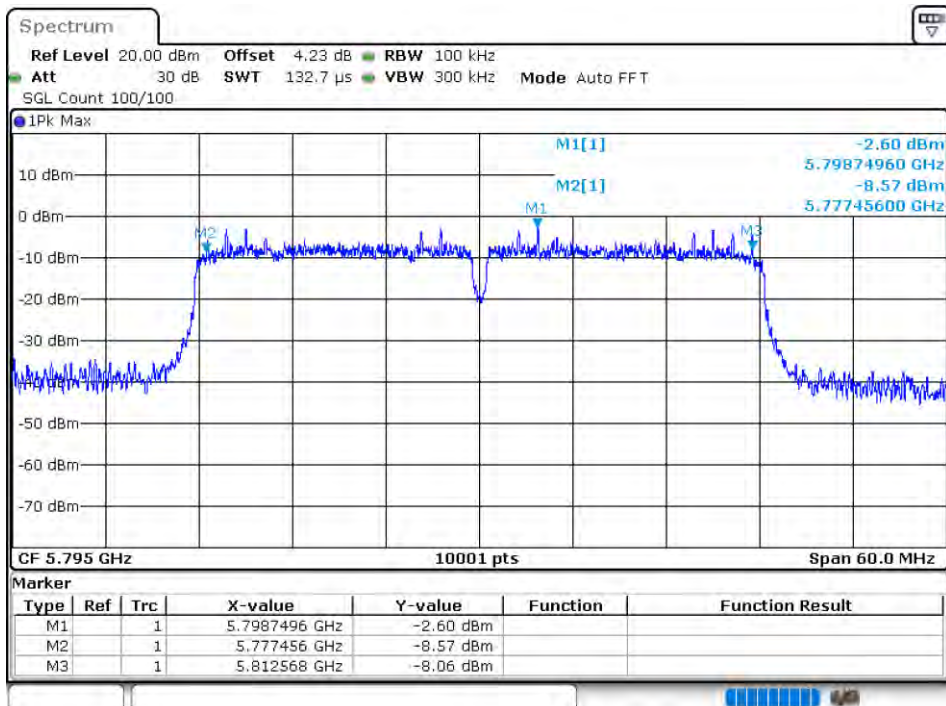
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.405
NVNT	a	5785	Ant1	16.381
NVNT	a	5825	Ant1	16.351
NVNT	n20	5745	Ant1	17.464
NVNT	n20	5785	Ant1	17.308
NVNT	n20	5825	Ant1	17.407
NVNT	n40	5755	Ant1	35.864
NVNT	n40	5795	Ant1	35.918

Test Graphs

OBW NVNT a 5745MHz Ant1



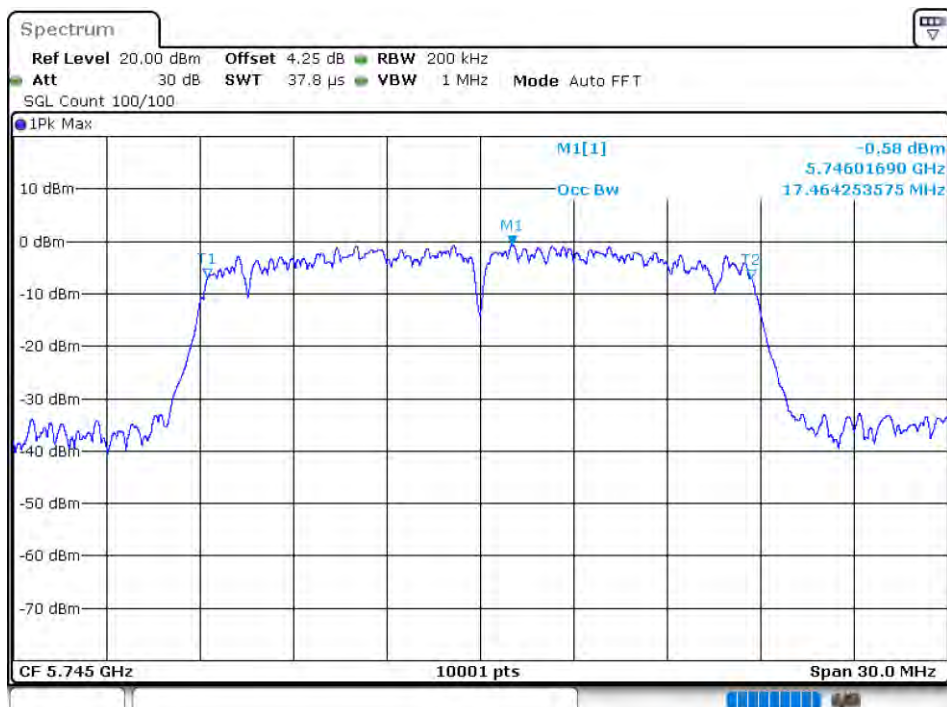
OBW NVNT a 5785MHz Ant1

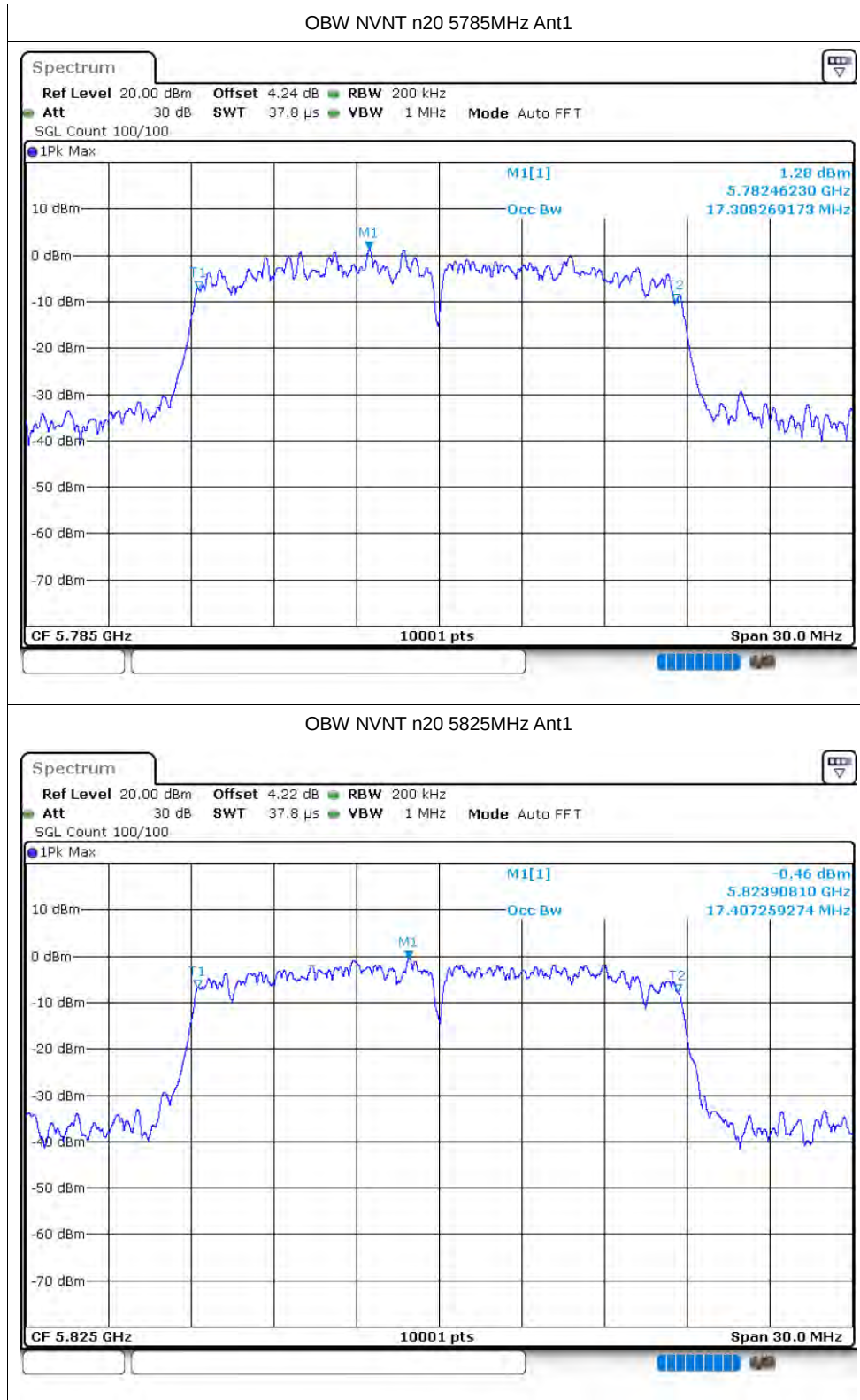


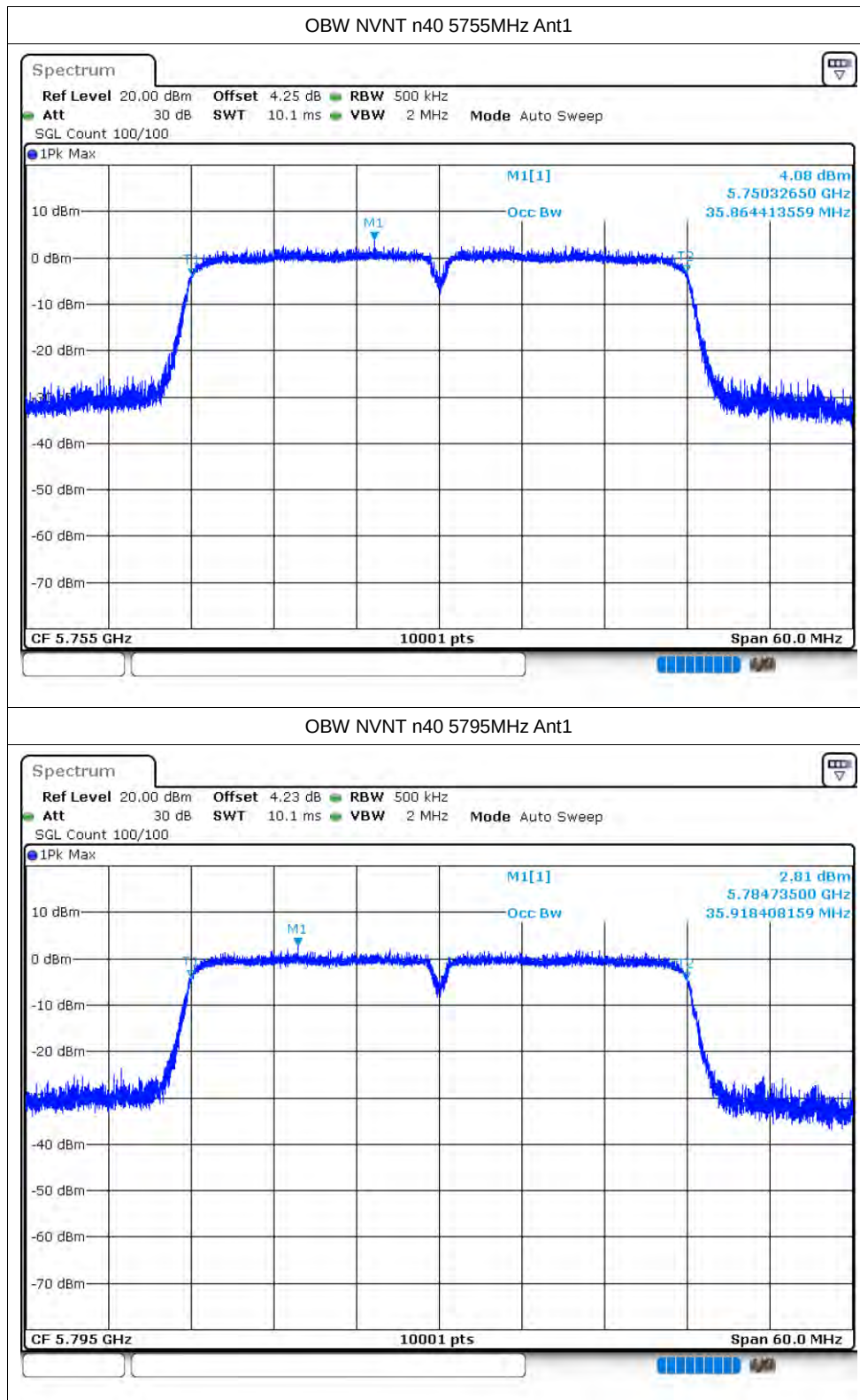
OBW NVNT a 5825MHz Ant1



OBW NVNT n20 5745MHz Ant1





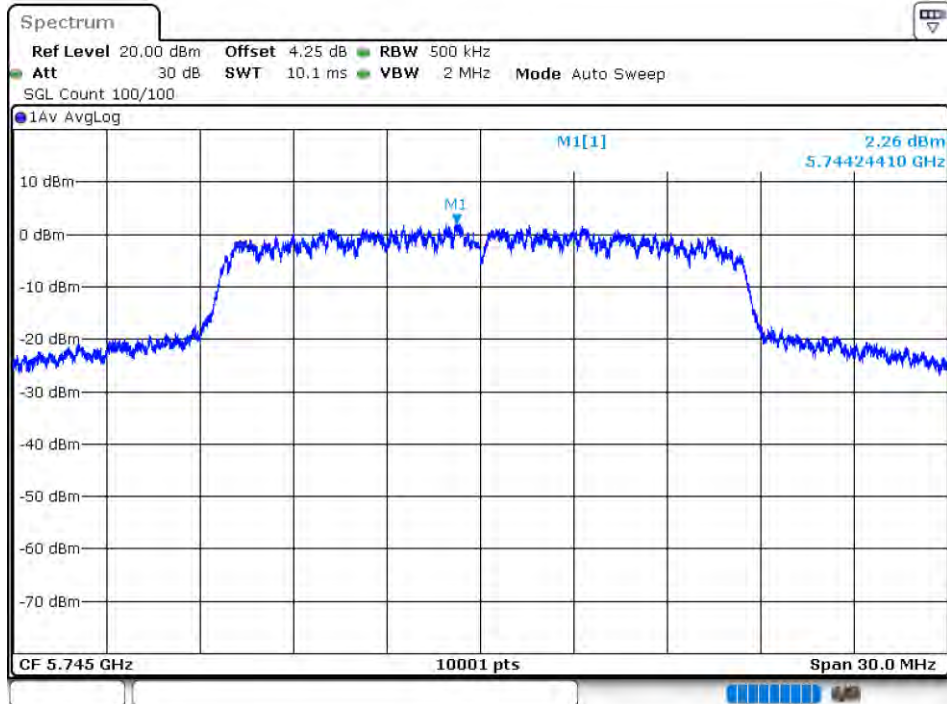


Maximum Power Spectral Density Level

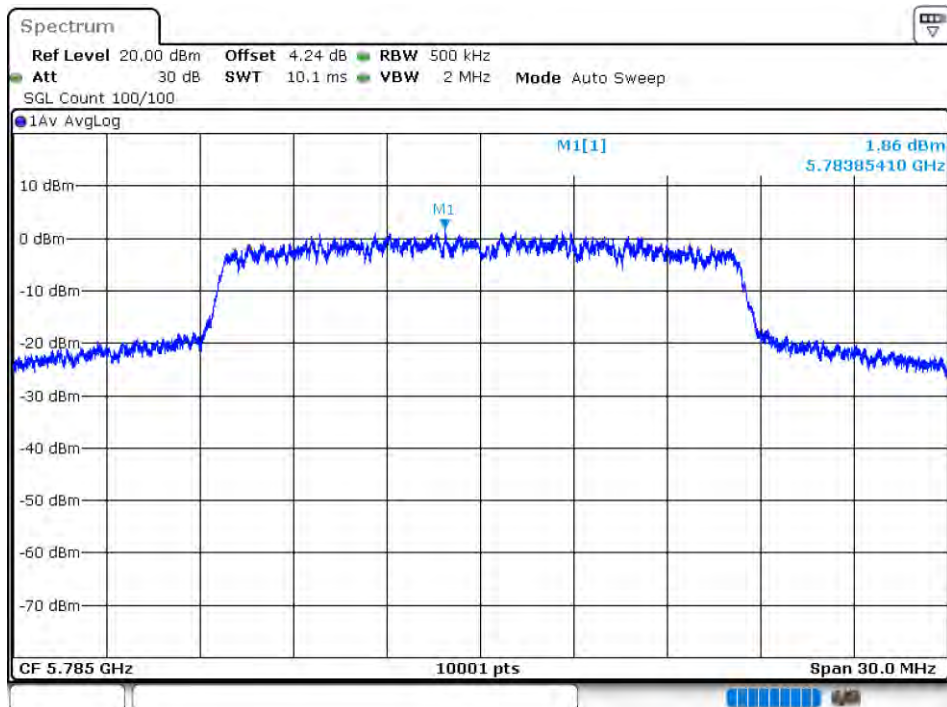
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	2.26	0.1	2.36	30	Pass
NVNT	a	5785	Ant1	1.86	0.1	1.96	30	Pass
NVNT	a	5825	Ant1	1.61	0.03	1.64	30	Pass
NVNT	n20	5745	Ant1	1.86	0.1	1.96	30	Pass
NVNT	n20	5785	Ant1	1.11	0.1	1.21	30	Pass
NVNT	n20	5825	Ant1	1.38	0.1	1.48	30	Pass
NVNT	n40	5755	Ant1	-7.15	0.2	-6.95	30	Pass
NVNT	n40	5795	Ant1	-7.46	0.06	-7.4	30	Pass

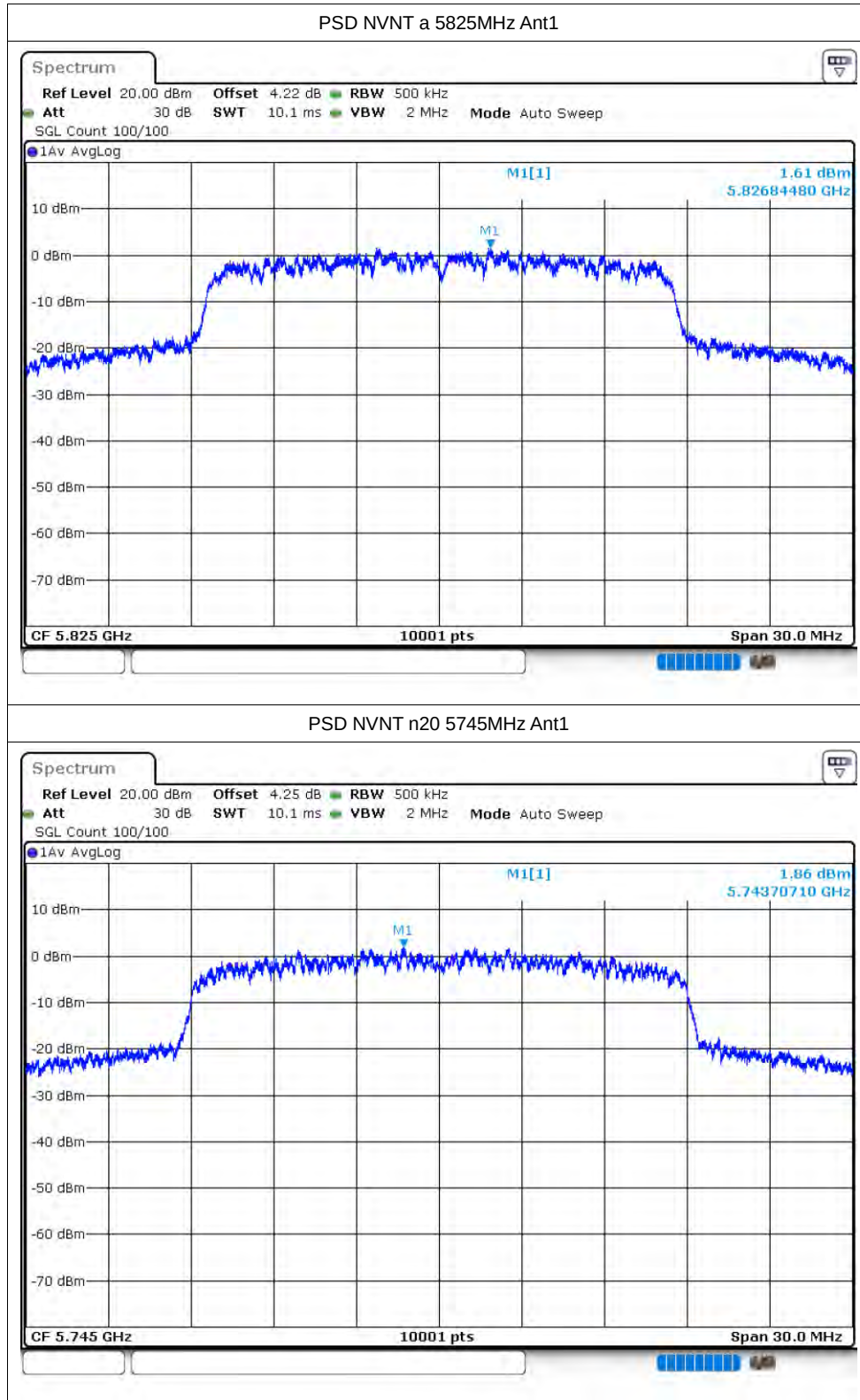
Test Graphs

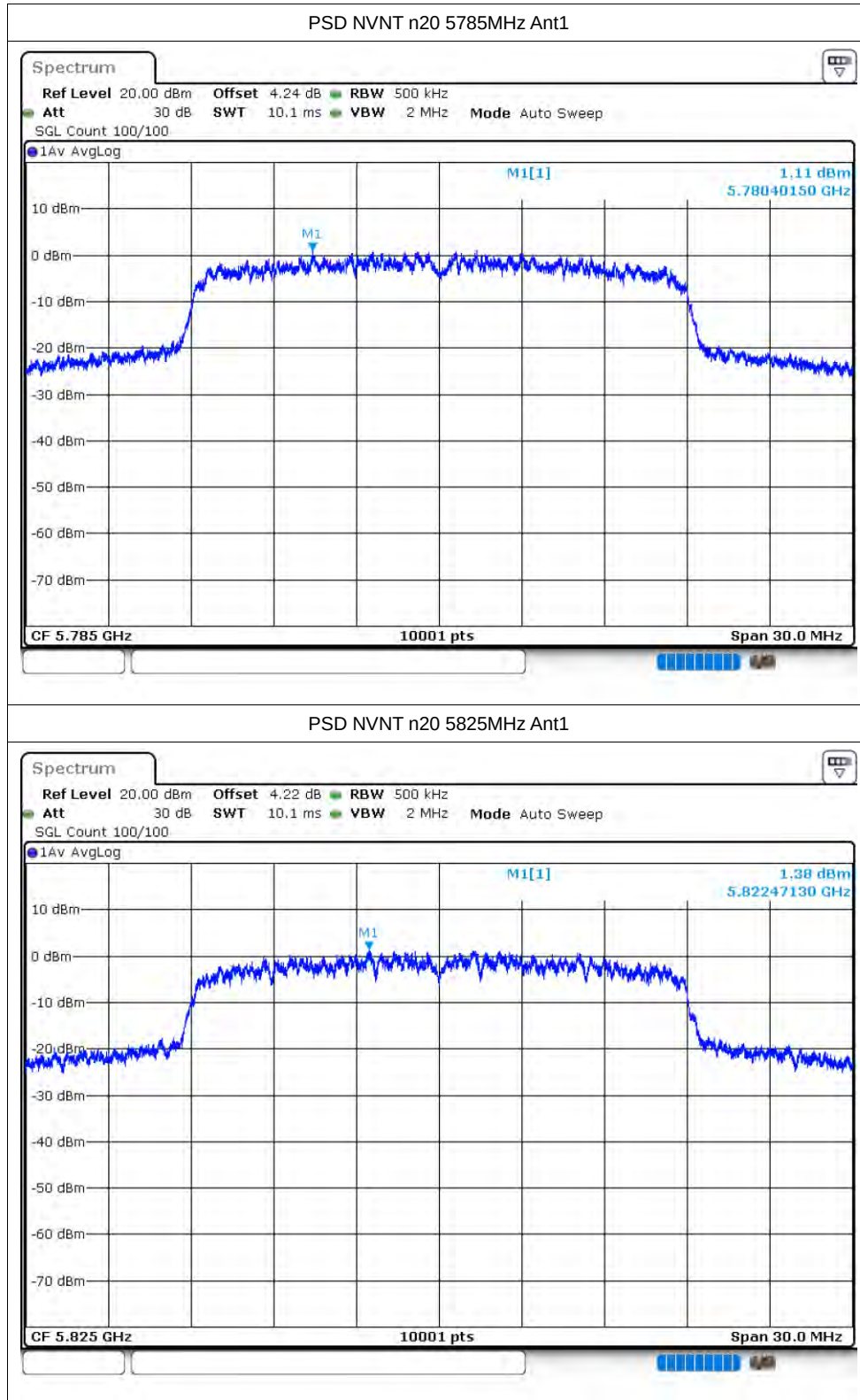
PSD NVNT a 5745MHz Ant1

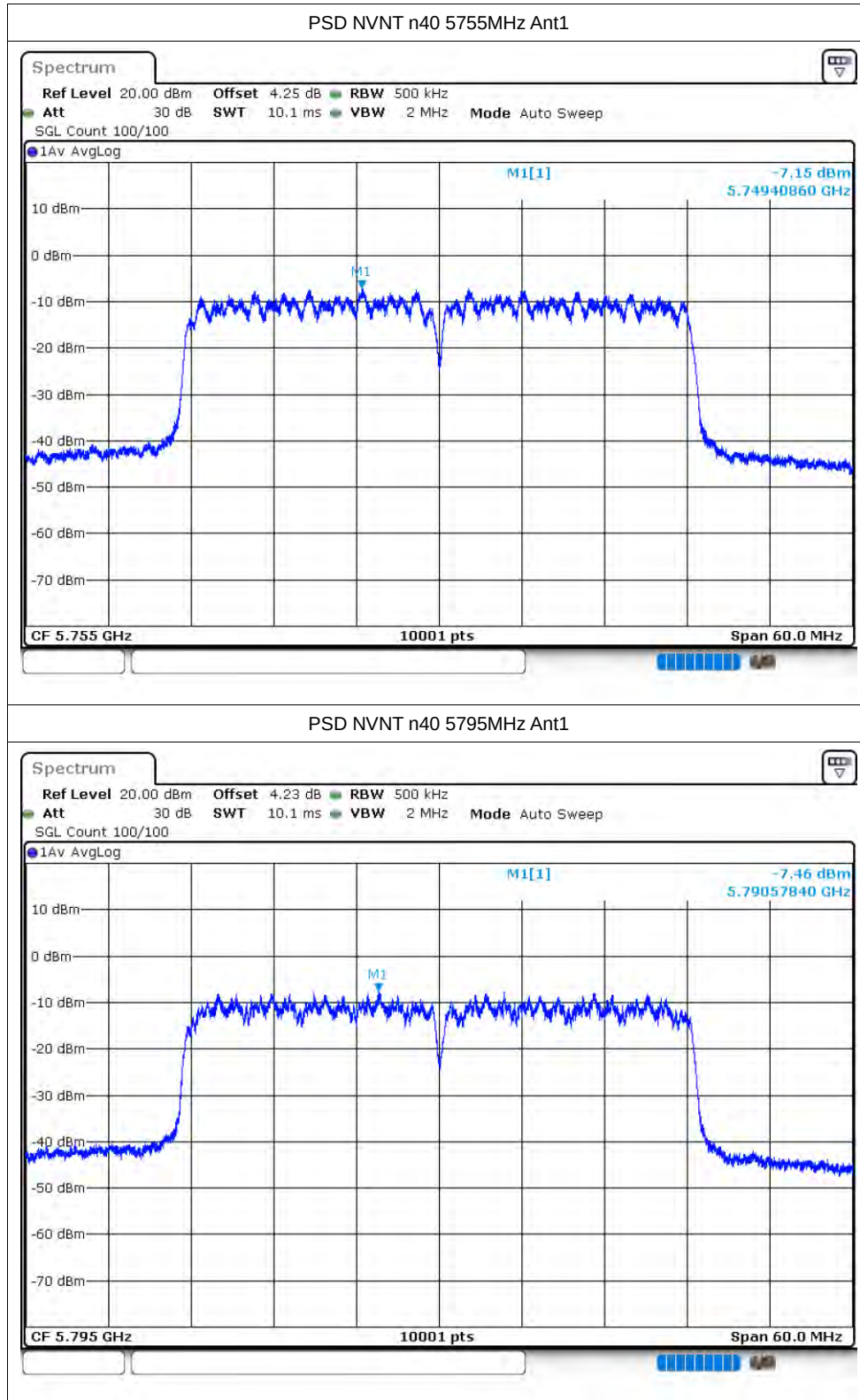


PSD NVNT a 5785MHz Ant1







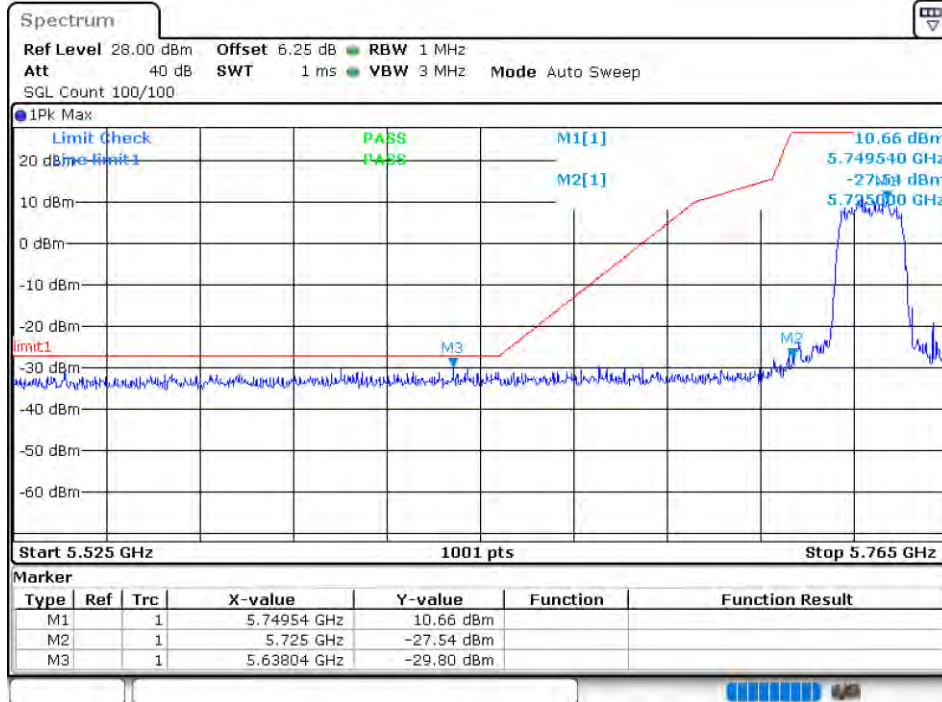


Band Edge

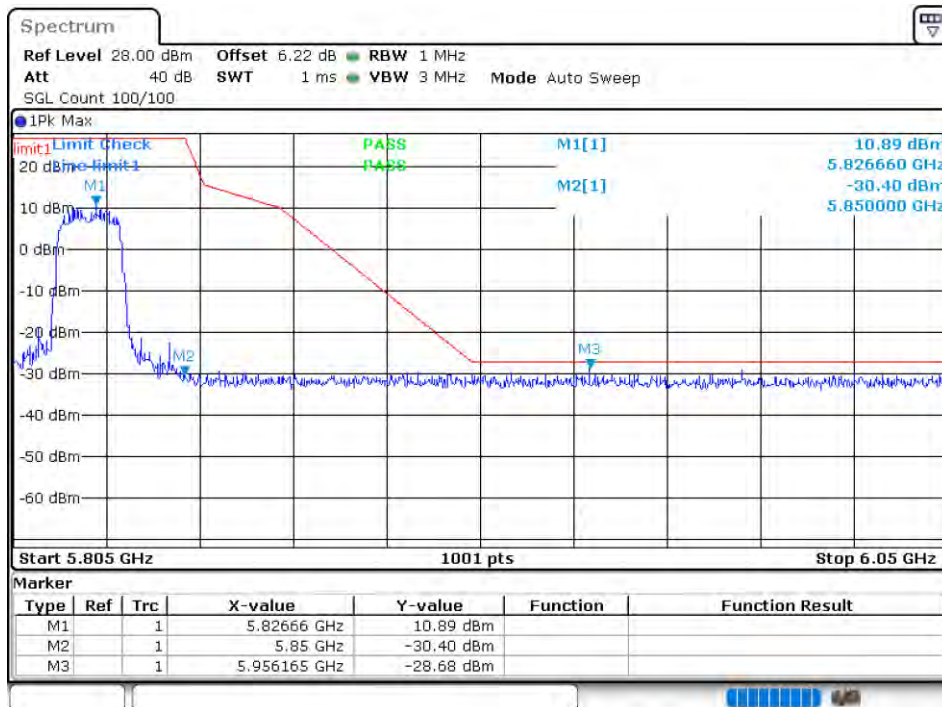
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-29.8	-27	Pass
NVNT	a	5825	Ant1	-28.68	-27	Pass
NVNT	n20	5745	Ant1	-29.71	-27	Pass
NVNT	n20	5825	Ant1	-29.34	-27	Pass
NVNT	n40	5755	Ant1	-30.17	-27	Pass
NVNT	n40	5795	Ant1	-29.09	-27	Pass

Test Graphs

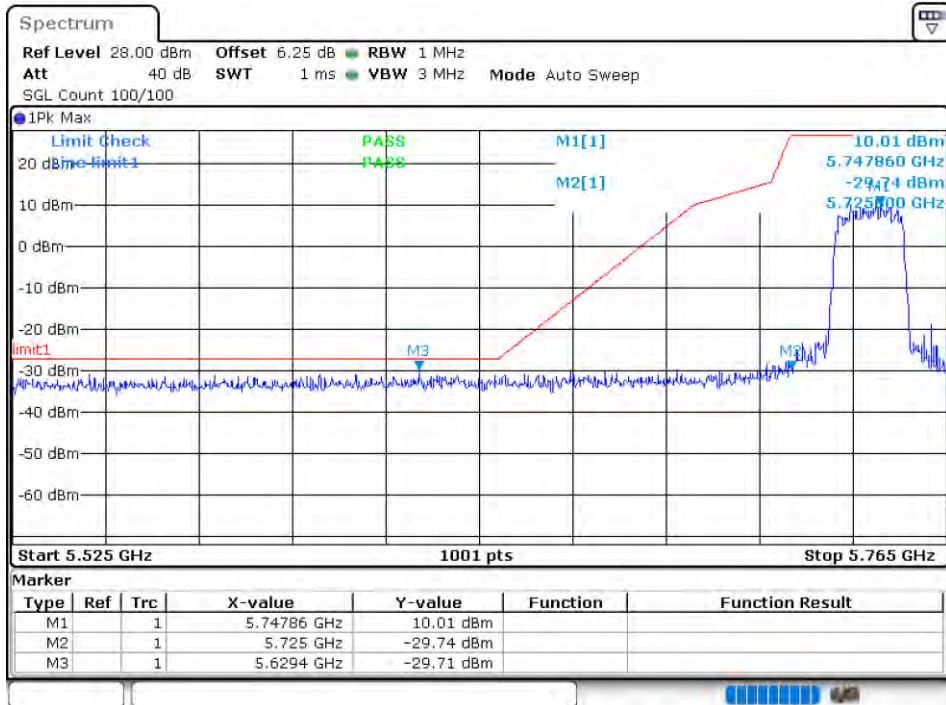
Band Edge NVNT a 5745MHz Low Ant1



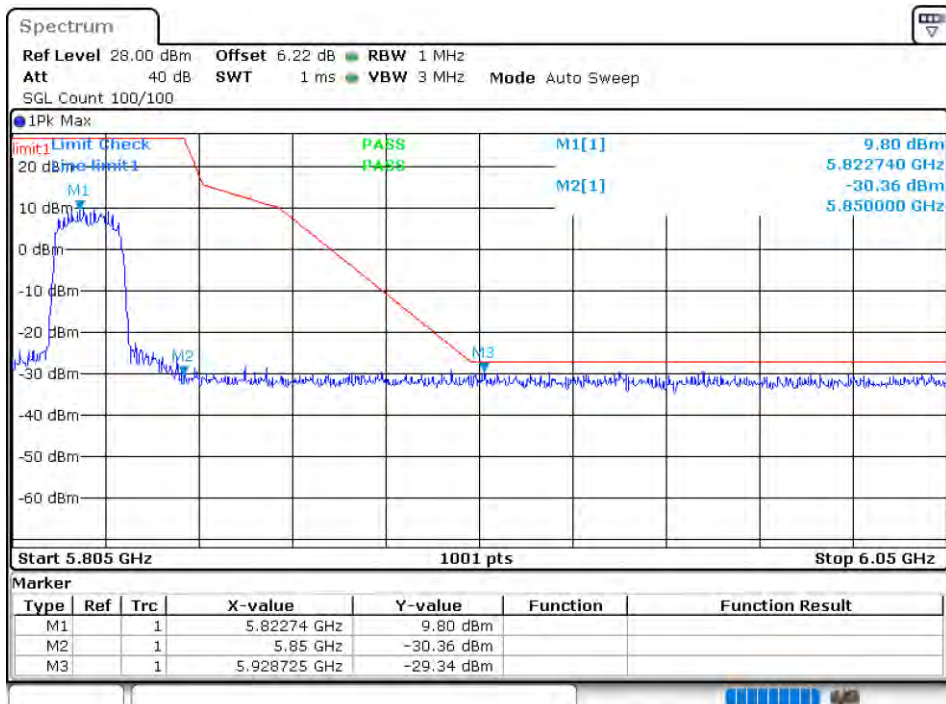
Band Edge NVNT a 5825MHz High Ant1



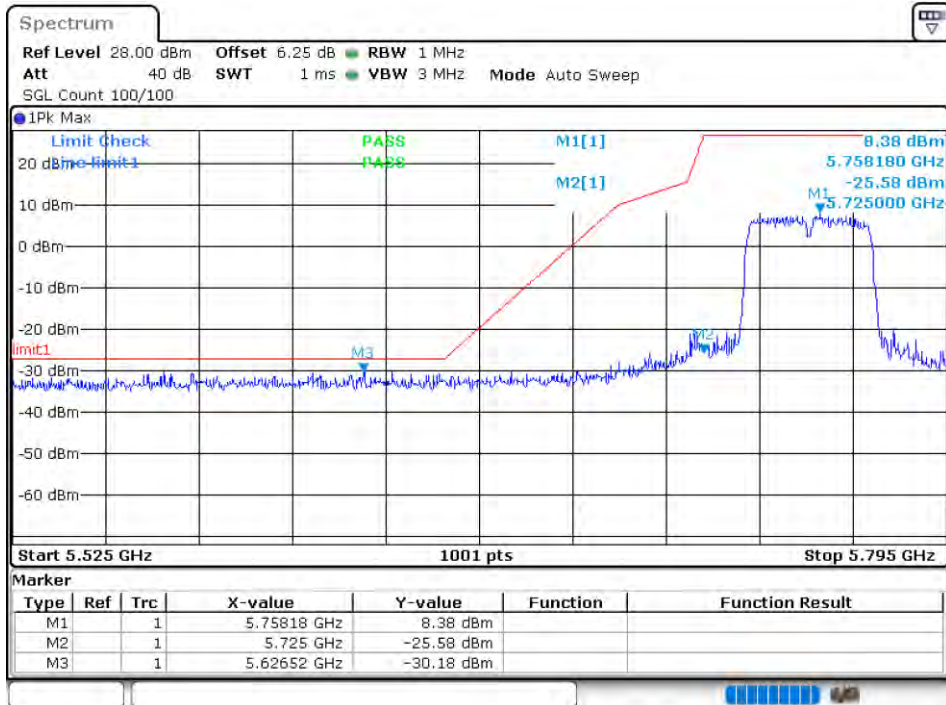
Band Edge NVNT n20 5745MHz Low Ant1



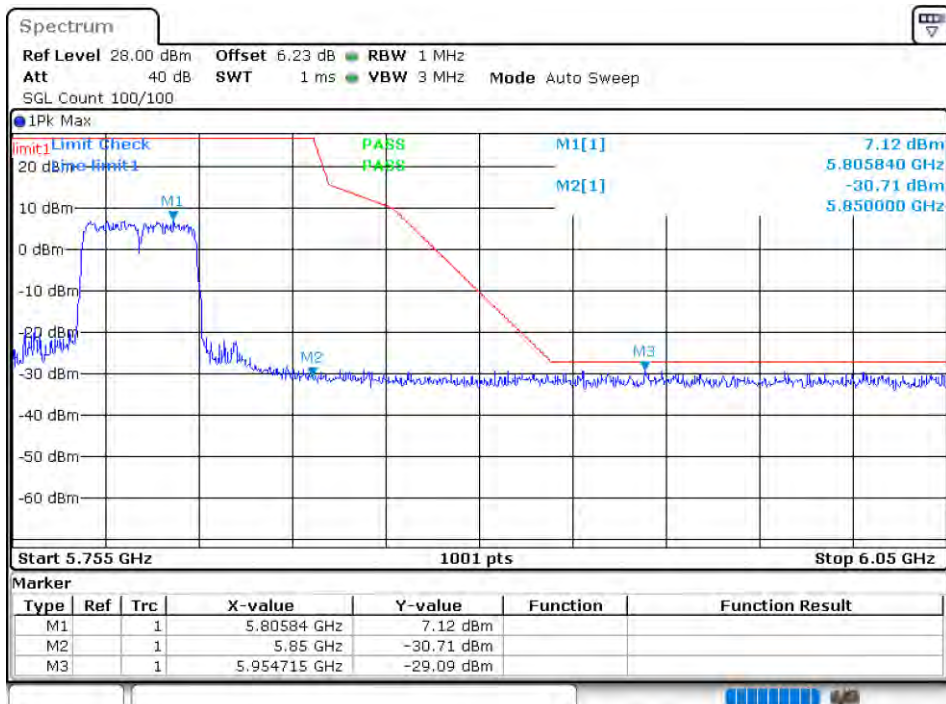
Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1

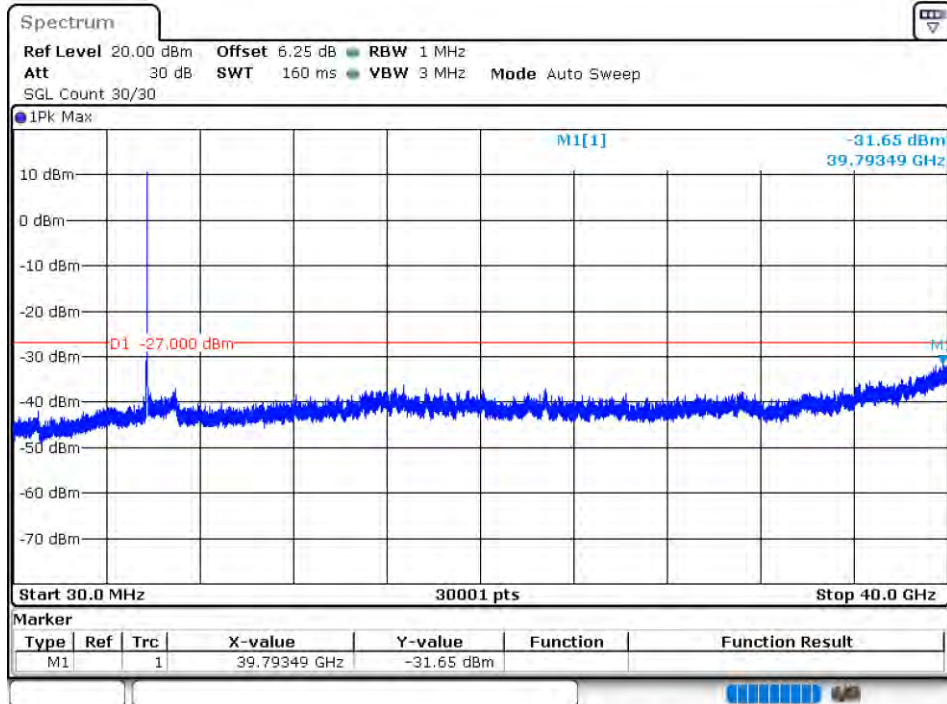


Conducted RF Spurious Emission

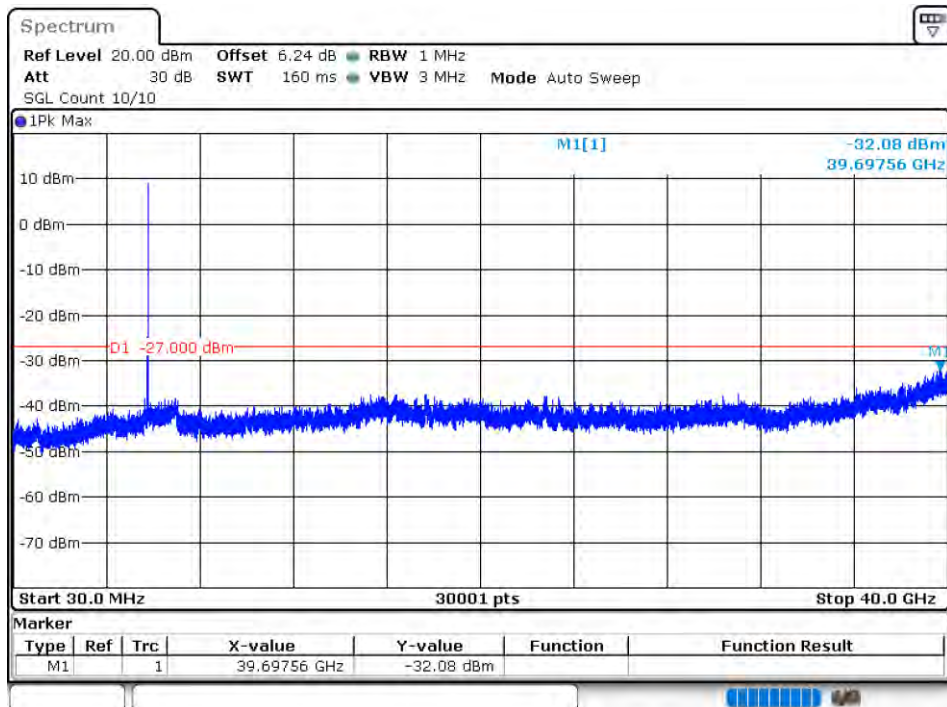
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-31.64	-27	Pass
NVNT	a	5785	Ant1	-32.08	-27	Pass
NVNT	a	5825	Ant1	-32.19	-27	Pass
NVNT	n20	5745	Ant1	-32.47	-27	Pass
NVNT	n20	5785	Ant1	-31.66	-27	Pass
NVNT	n20	5825	Ant1	-31.91	-27	Pass
NVNT	n40	5755	Ant1	-32.05	-27	Pass
NVNT	n40	5795	Ant1	-31.99	-27	Pass

Test Graphs

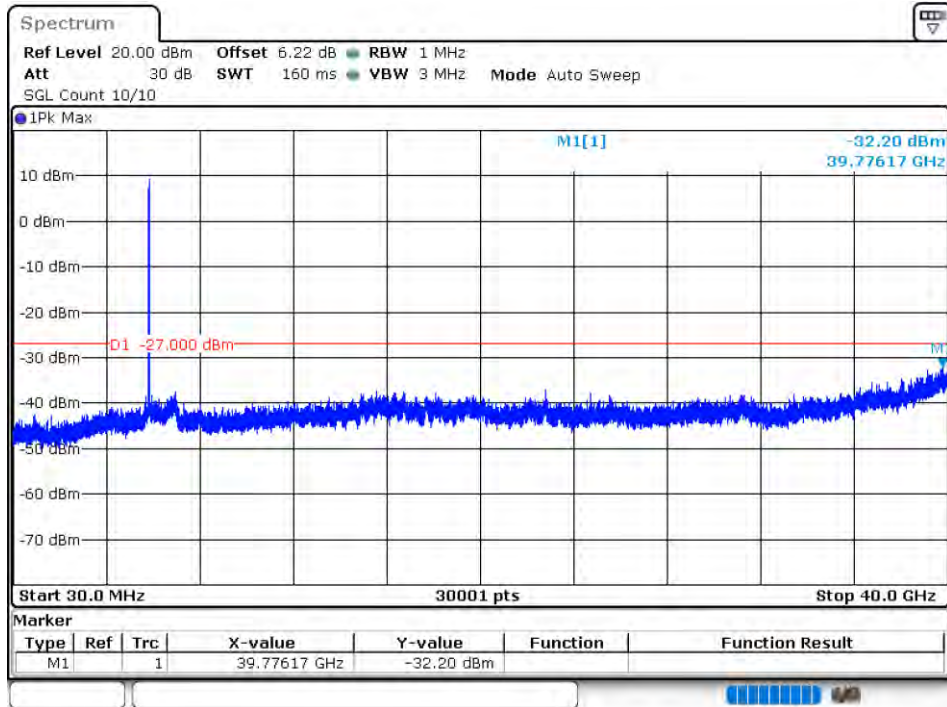
Tx. Spurious NVNT a 5745MHz Ant1 Emission



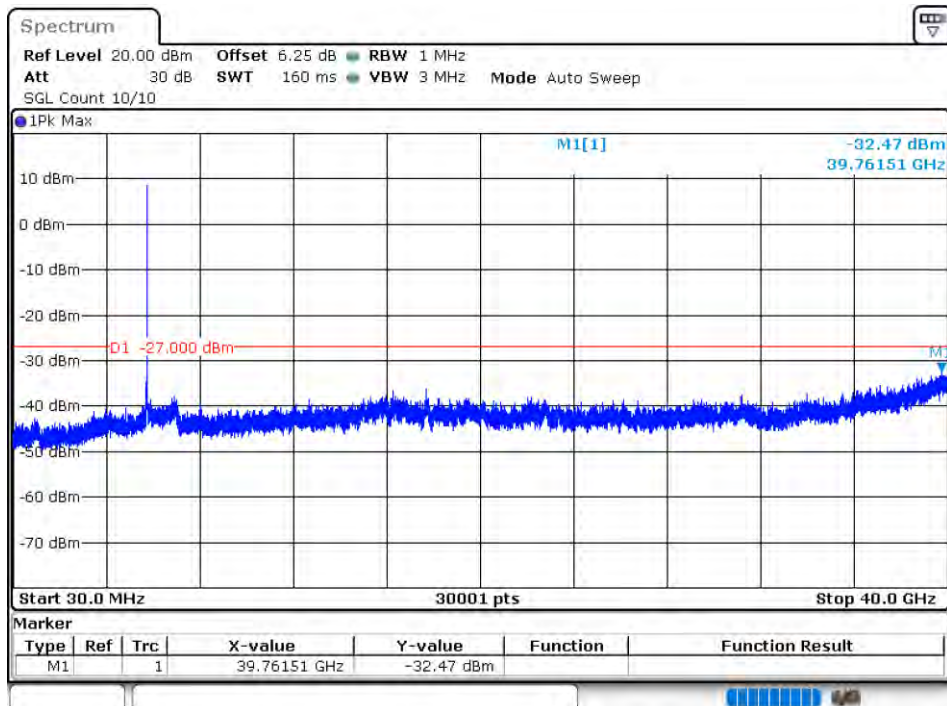
Tx. Spurious NVNT a 5785MHz Ant1 Emission



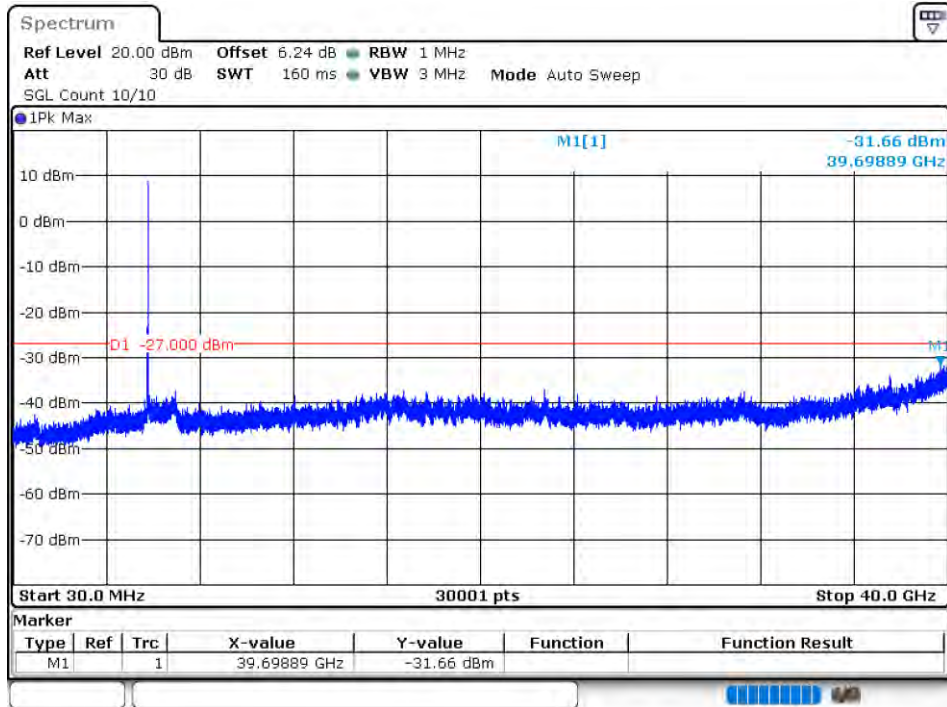
Tx. Spurious NVNT a 5825MHz Ant1 Emission



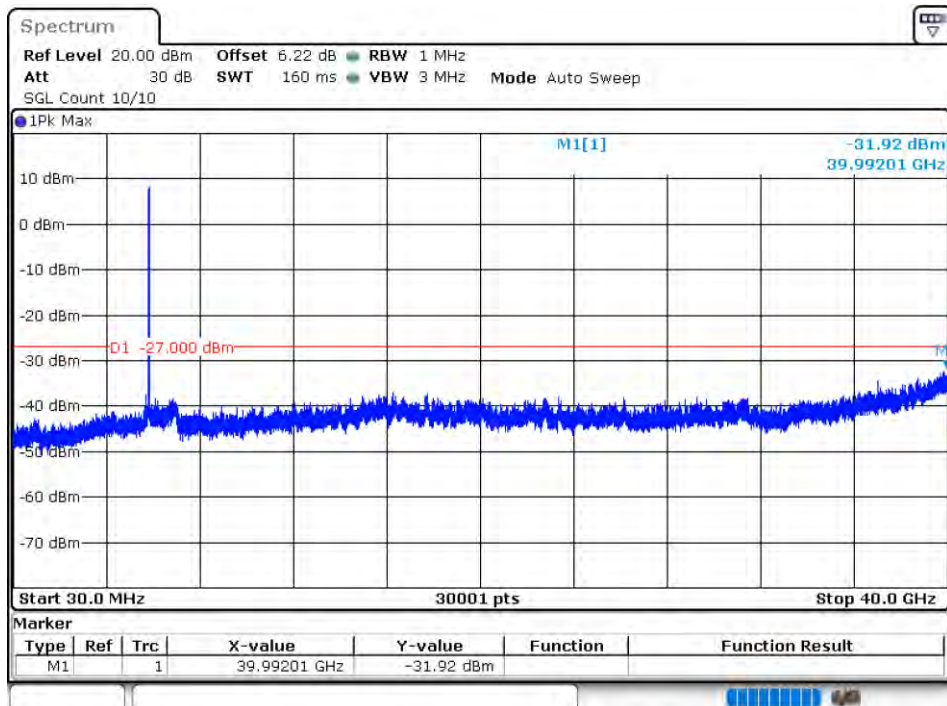
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



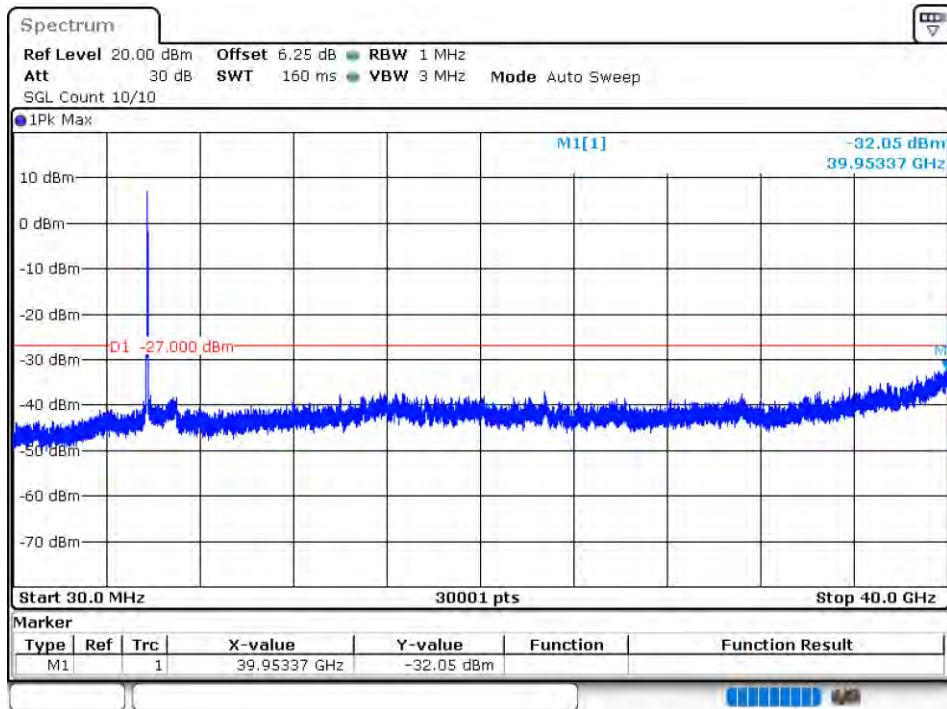
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



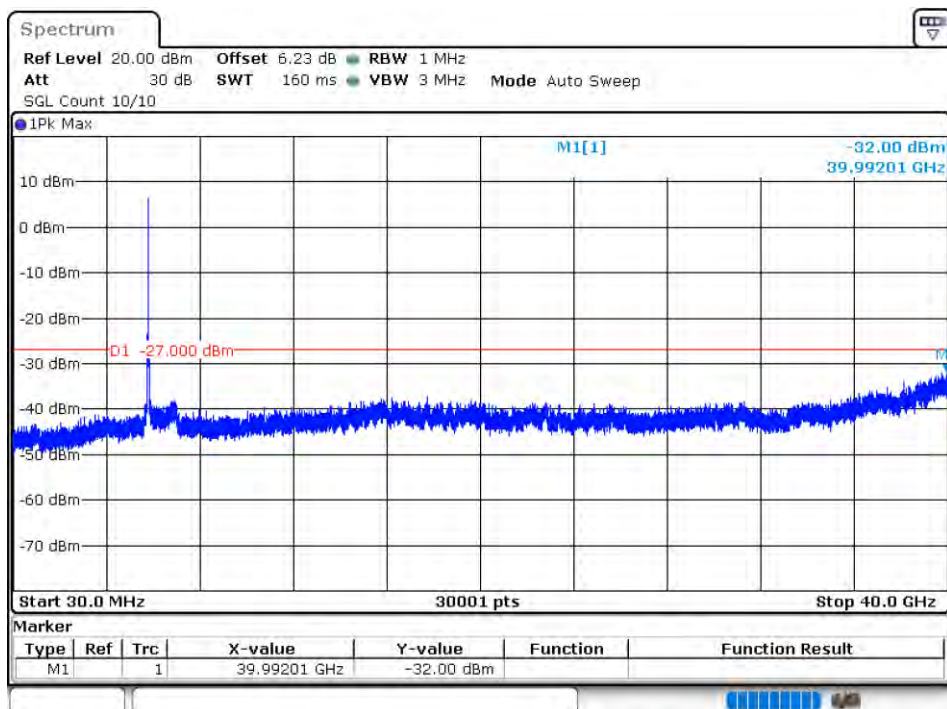
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant1 Emission



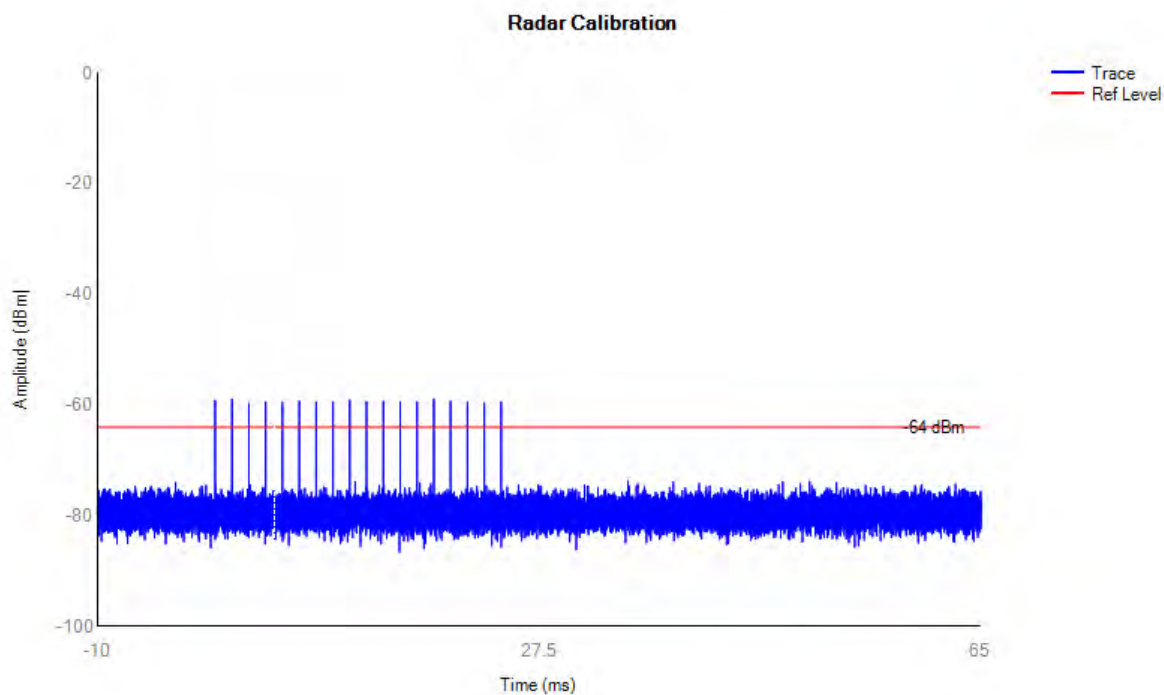
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



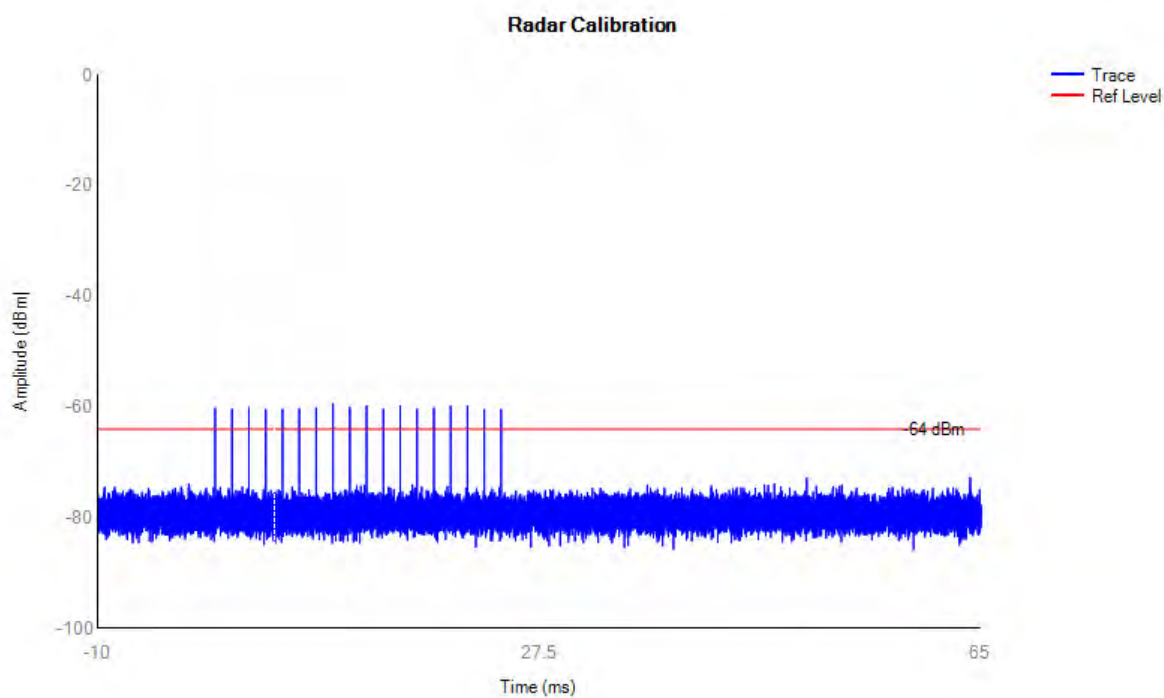
DFS

Calibration

5310MHz n40 DFS_FCC_T0

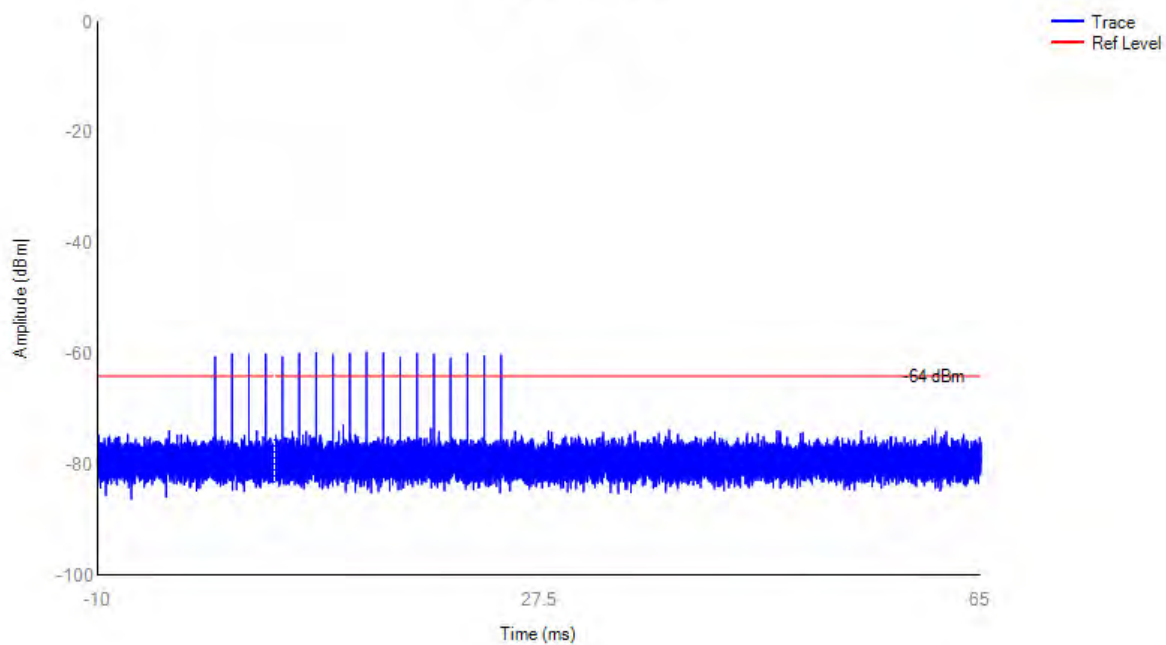


5510MHz n40 DFS_FCC_T0



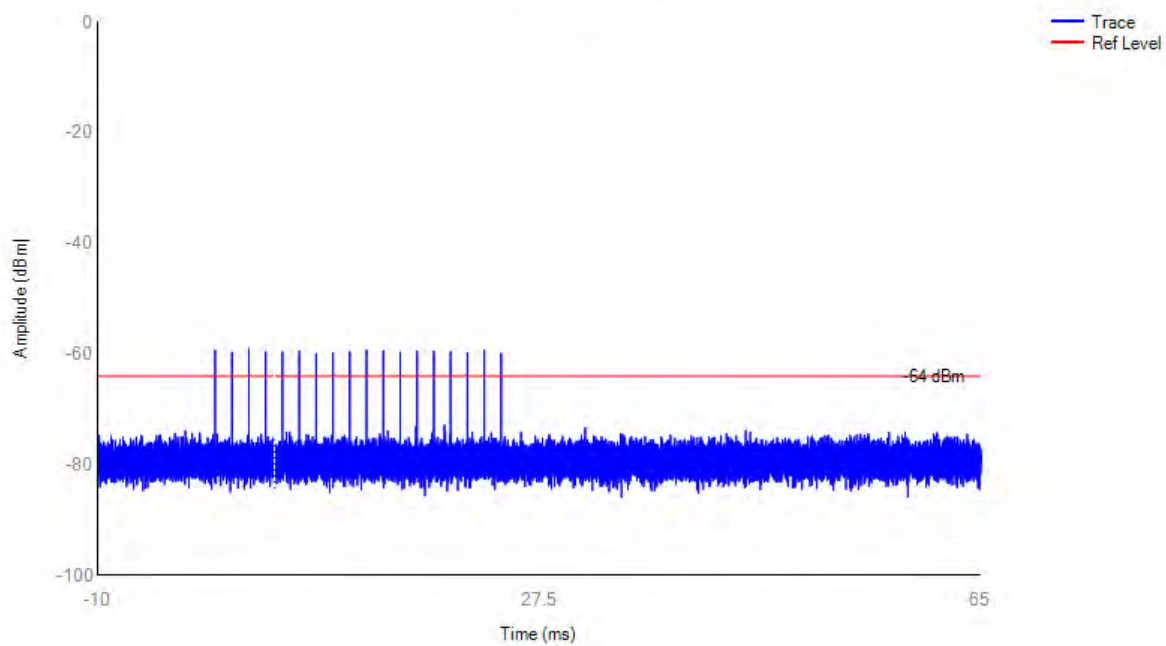
5320MHz a DFS_FCC_T0

Radar Calibration



5500MHz a DFS_FCC_T0

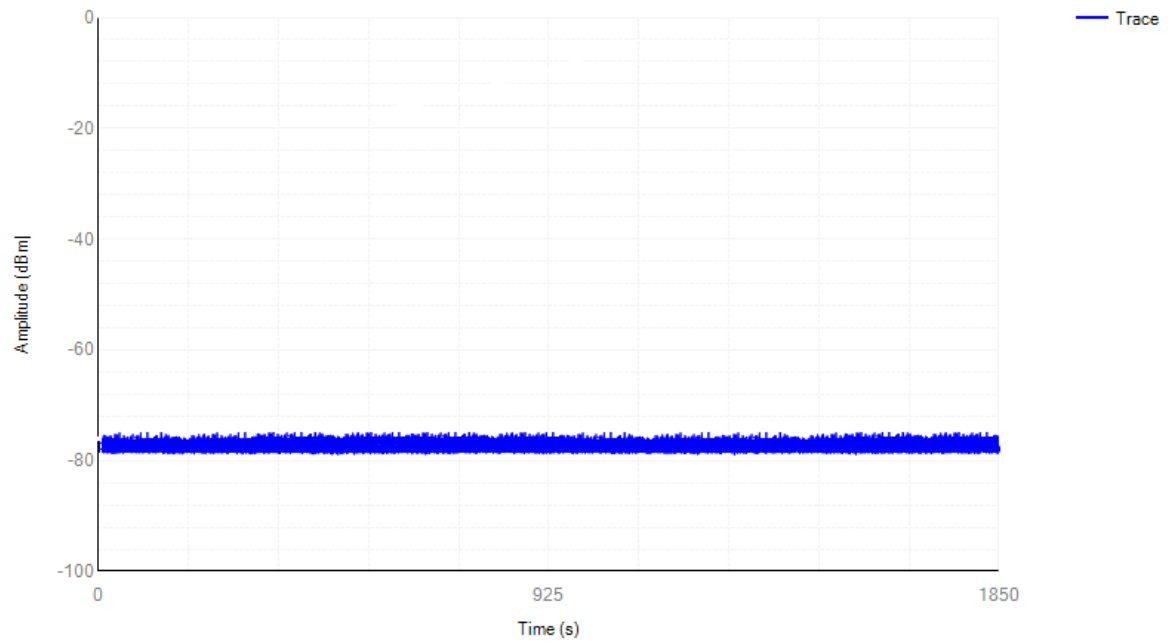
Radar Calibration



Non-Occupancy

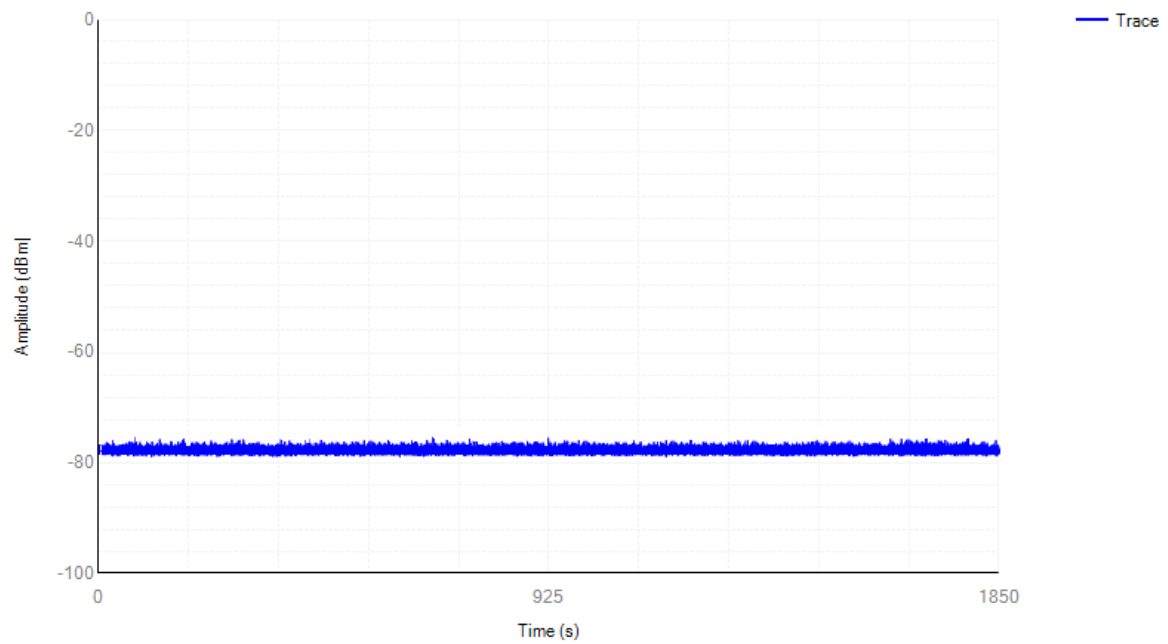
5310MHz n40 Non-Occupancy

Non-Occupancy period



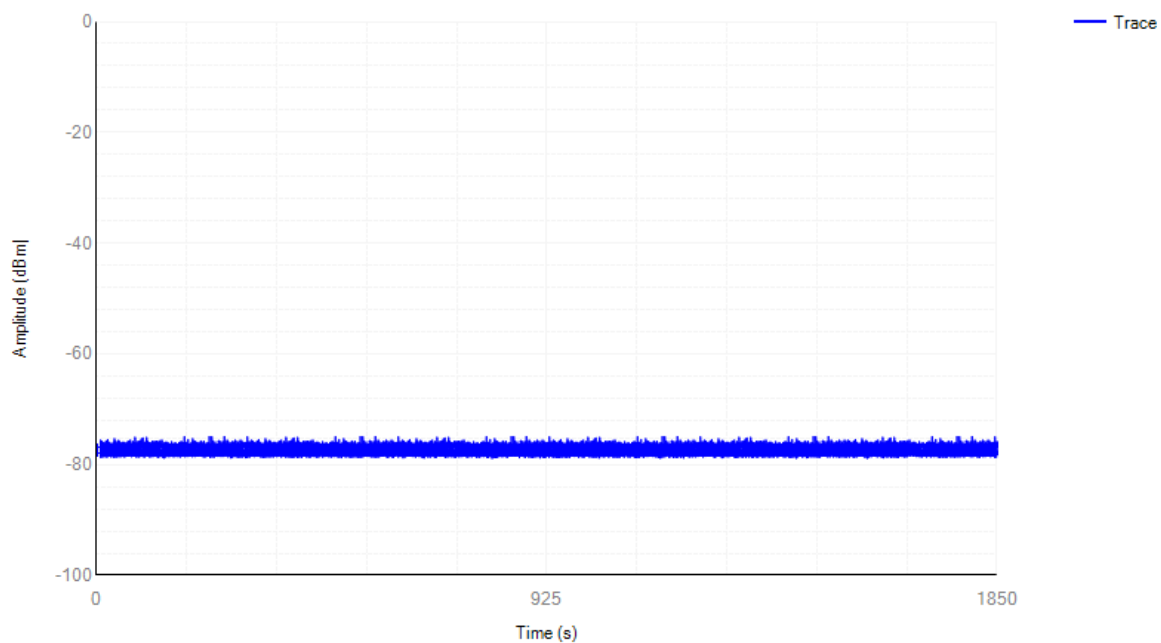
5510MHz n40 Non-Occupancy

Non-Occupancy period



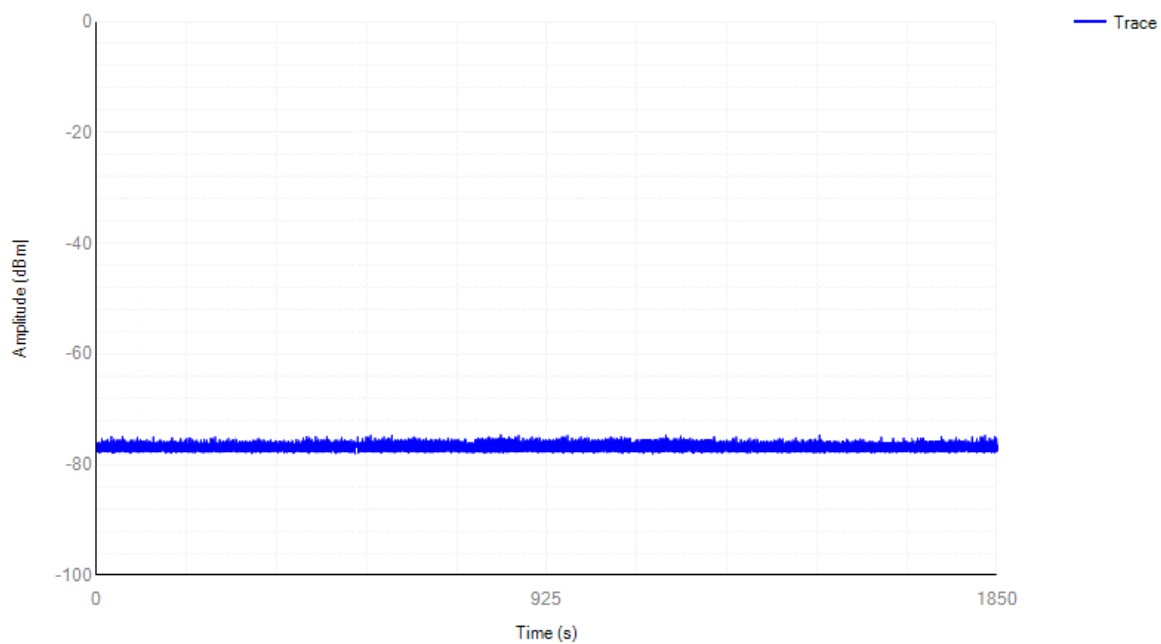
5320MHz a Non-Occupancy

Non-Occupancy period



5500MHz a Non-Occupancy

Non-Occupancy period

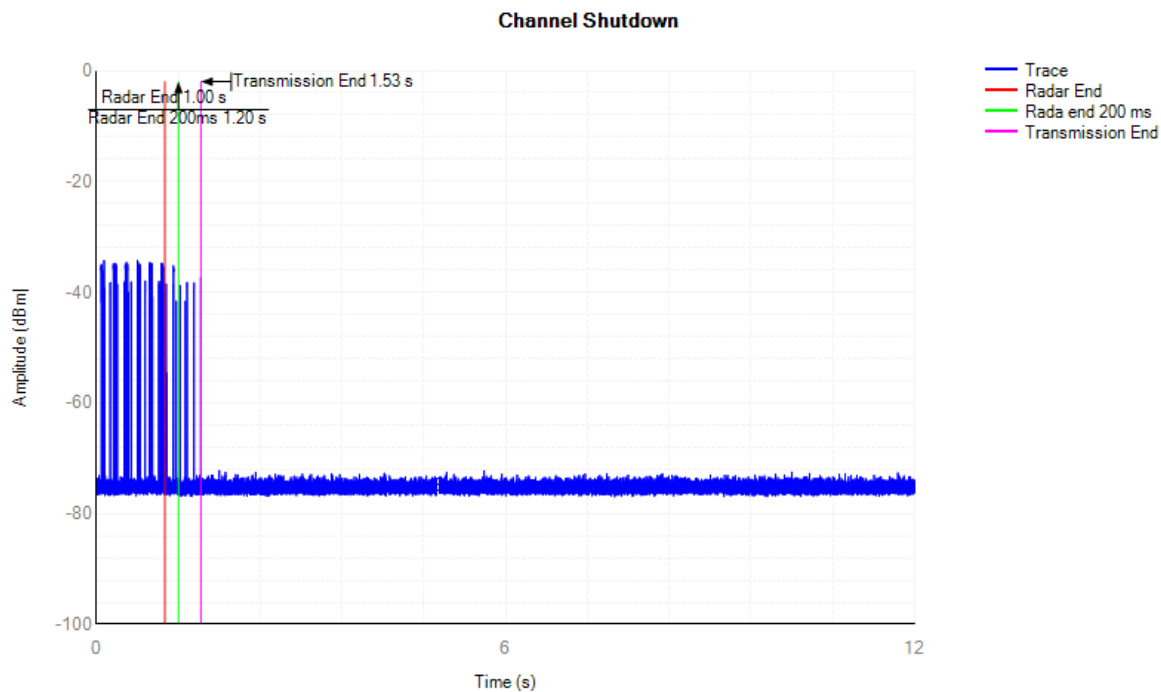


Shutdown Time

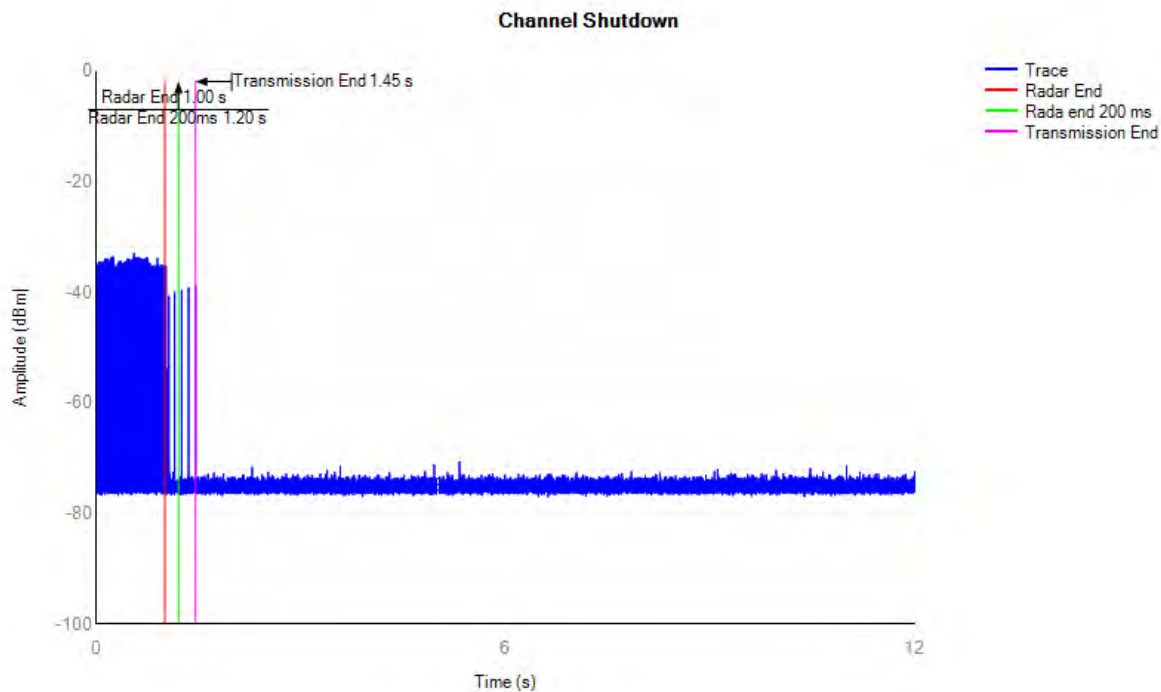
Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
n40	5310	0.53	10	0.0084	0.26	0.0036	0.06	Pass
n40	5510	0.4512	10	0.0072	0.26	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

5310MHz n40 Shutdown

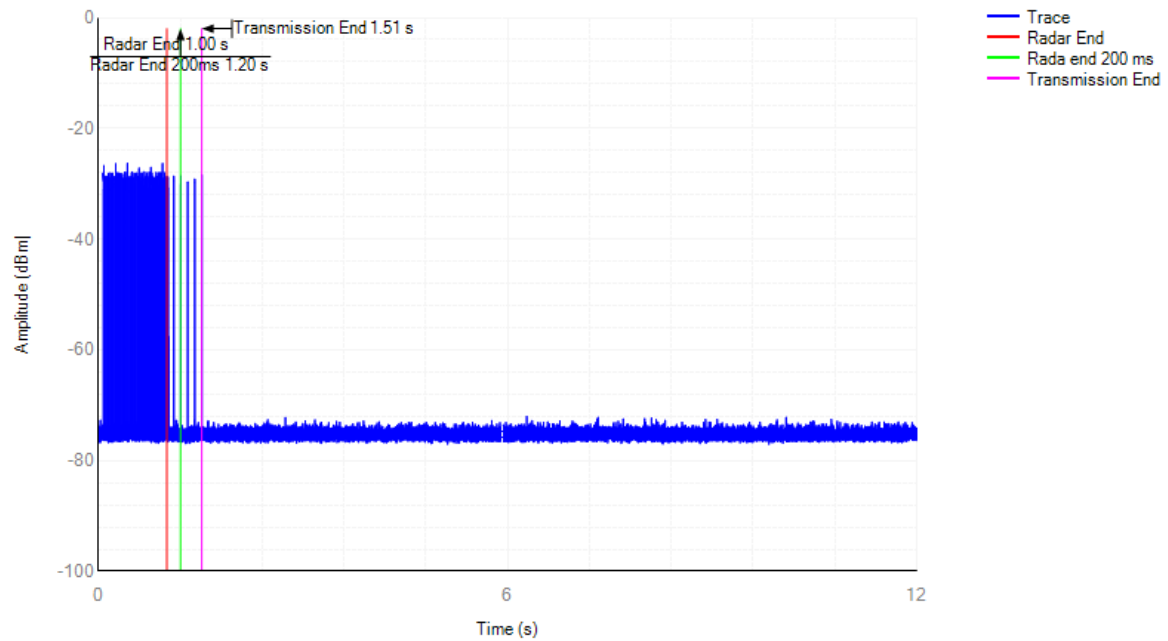


5510MHz n40 Shutdown



5320MHz a Shutdown

Channel Shutdown



5500MHz a Shutdown

Channel Shutdown

