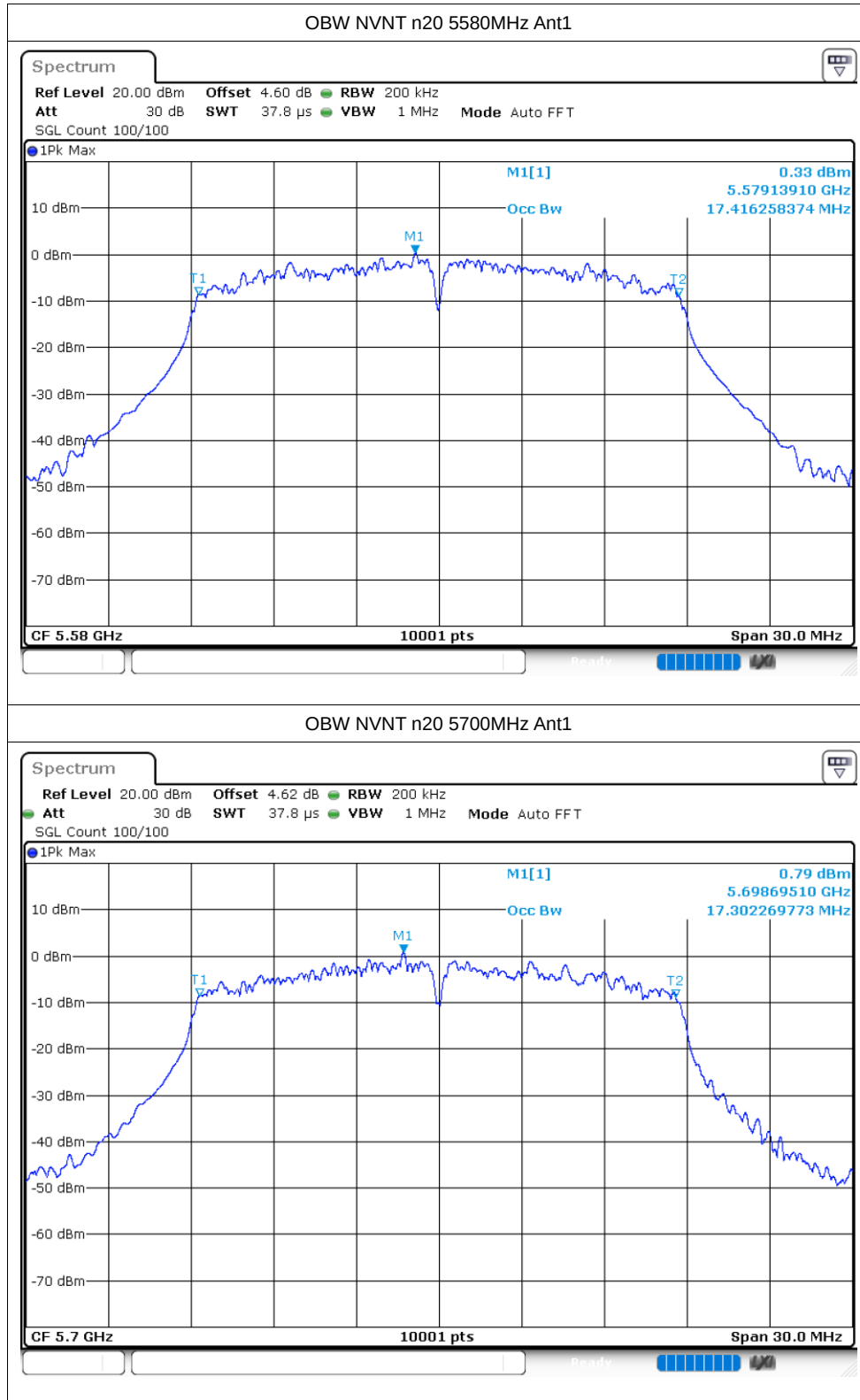


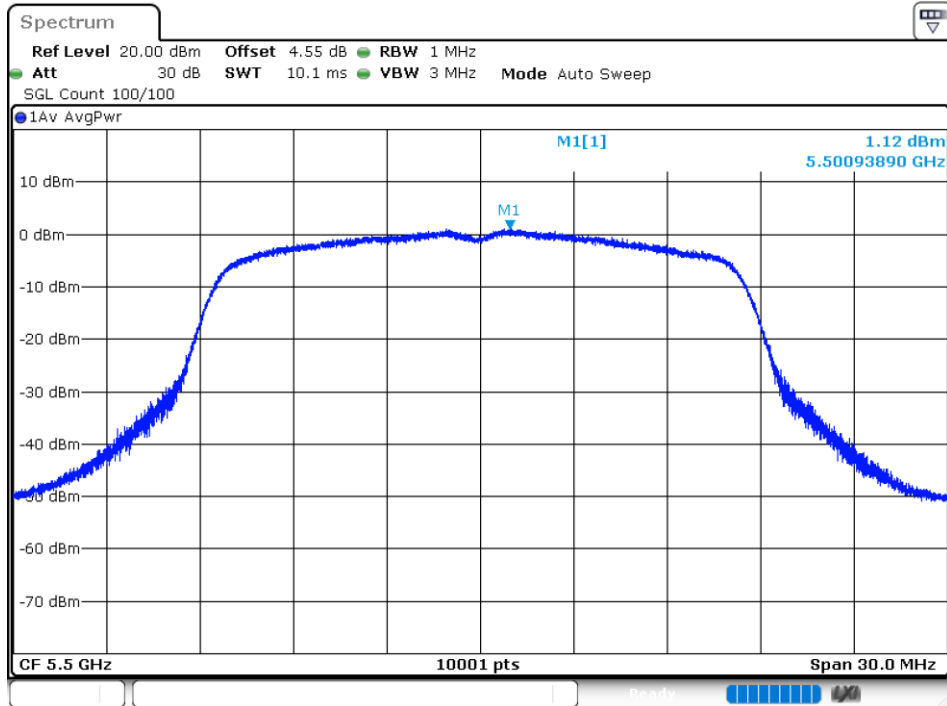


Maximum Power Spectral Density Level

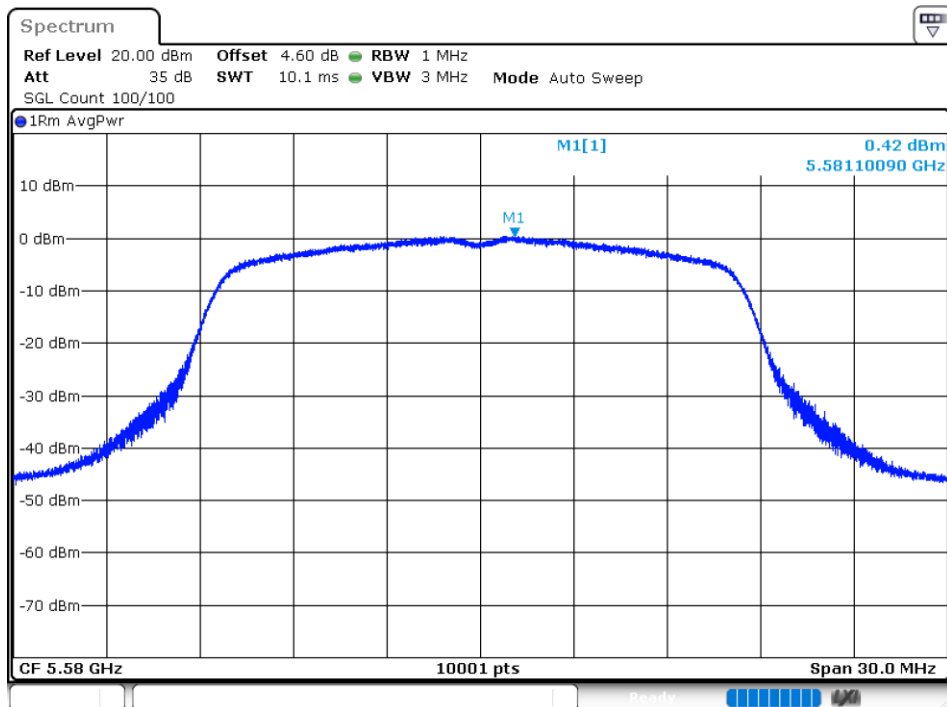
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5500	Ant1	1.12	0.94	2.06	11	Pass
NVNT	a	5580	Ant1	0.42	0.96	1.38	11	Pass
NVNT	a	5700	Ant1	-0.91	0.93	0.02	11	Pass
NVNT	n20	5500	Ant1	0.86	1.01	1.87	11	Pass
NVNT	n20	5580	Ant1	-0.11	1.02	0.91	11	Pass
NVNT	n20	5700	Ant1	-1.17	1.01	-0.16	11	Pass

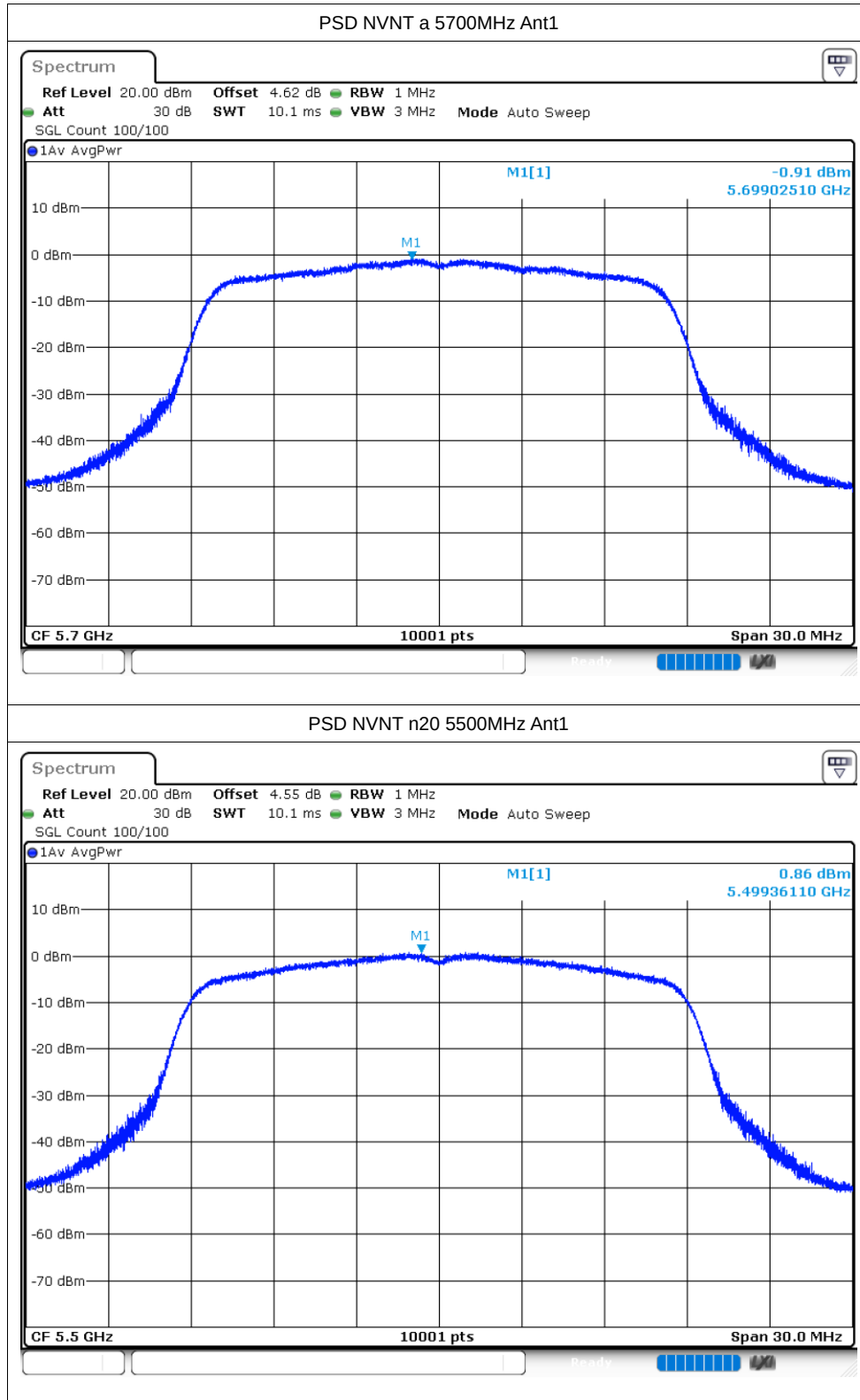
Test Graphs

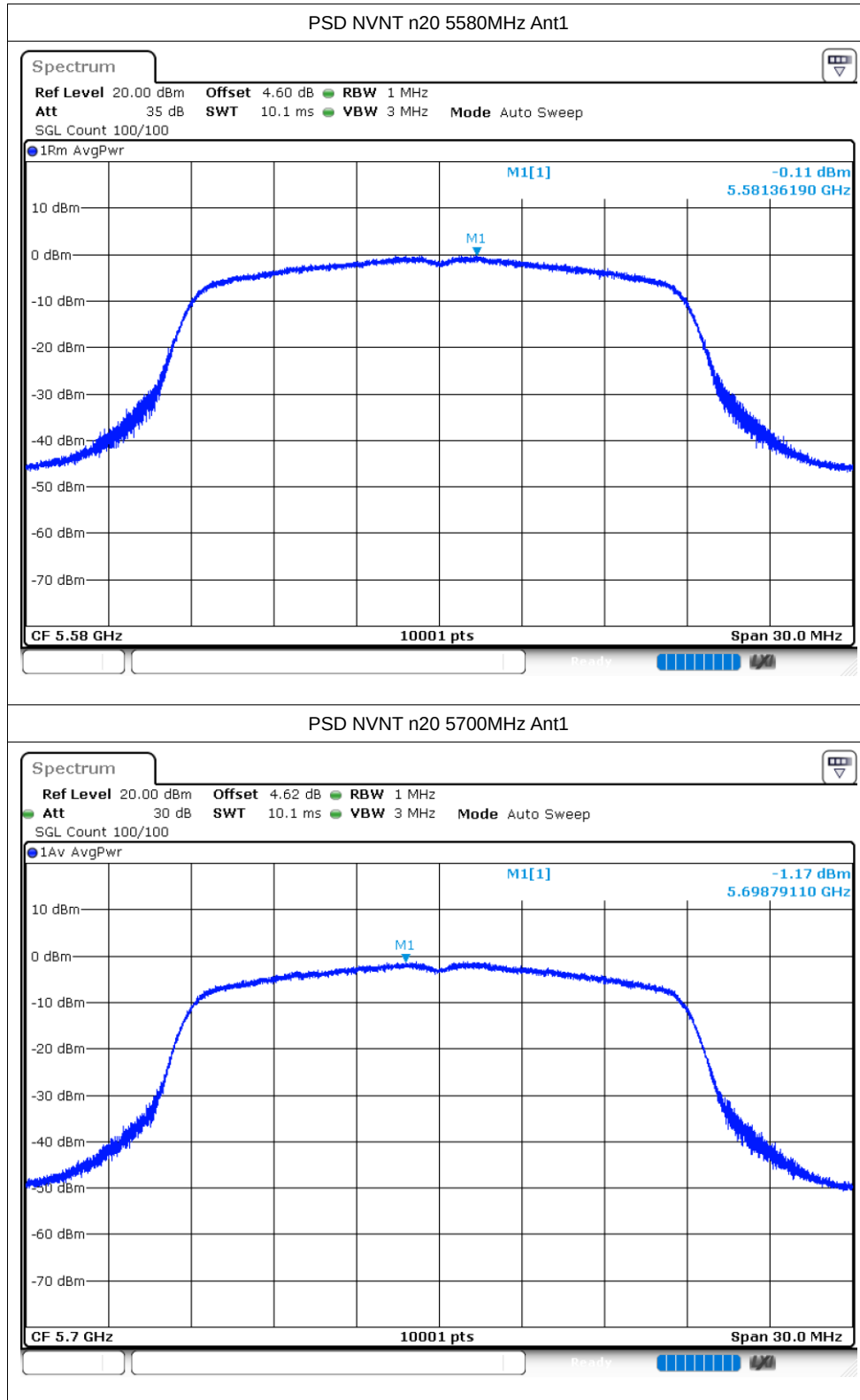
PSD NVNT a 5500MHz Ant1



PSD NVNT a 5580MHz Ant1





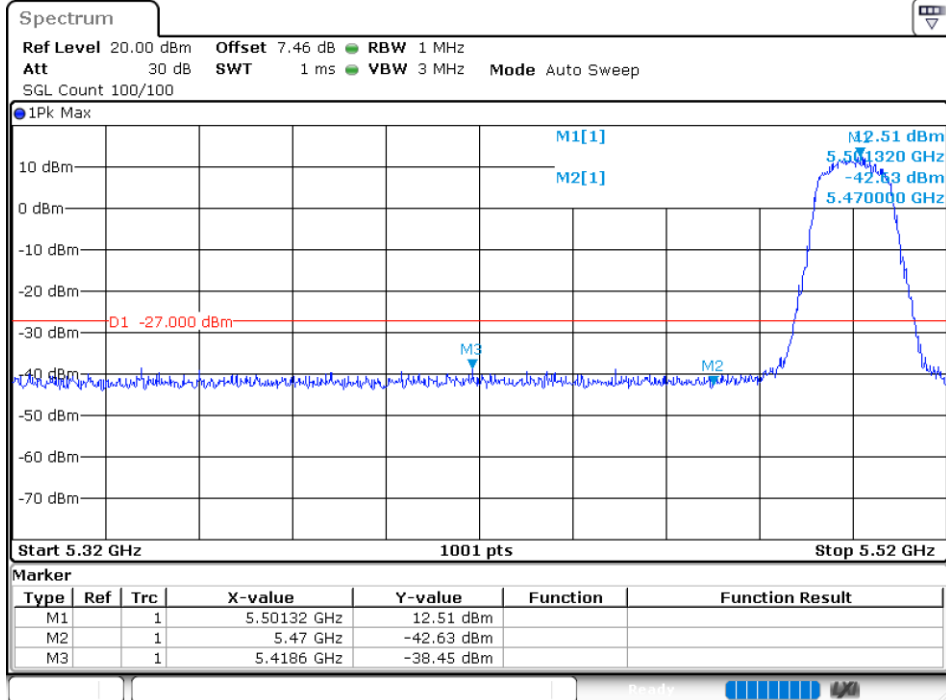


Band Edge

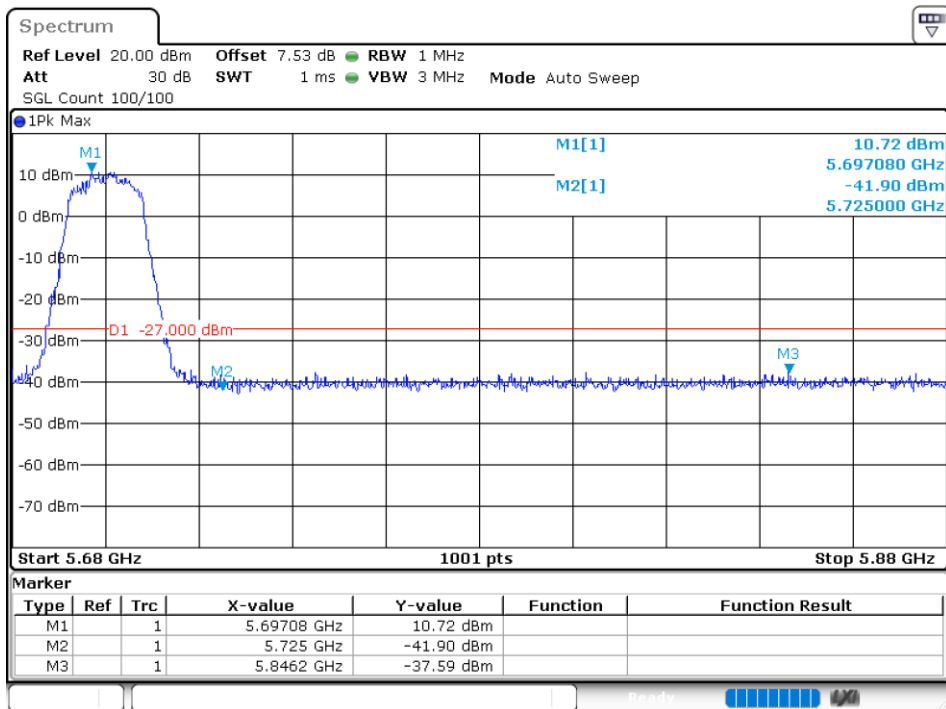
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-38.44	-27	Pass
NVNT	a	5700	Ant1	-37.58	-27	Pass
NVNT	n20	5500	Ant1	-37.18	-27	Pass
NVNT	n20	5700	Ant1	-36.81	-27	Pass

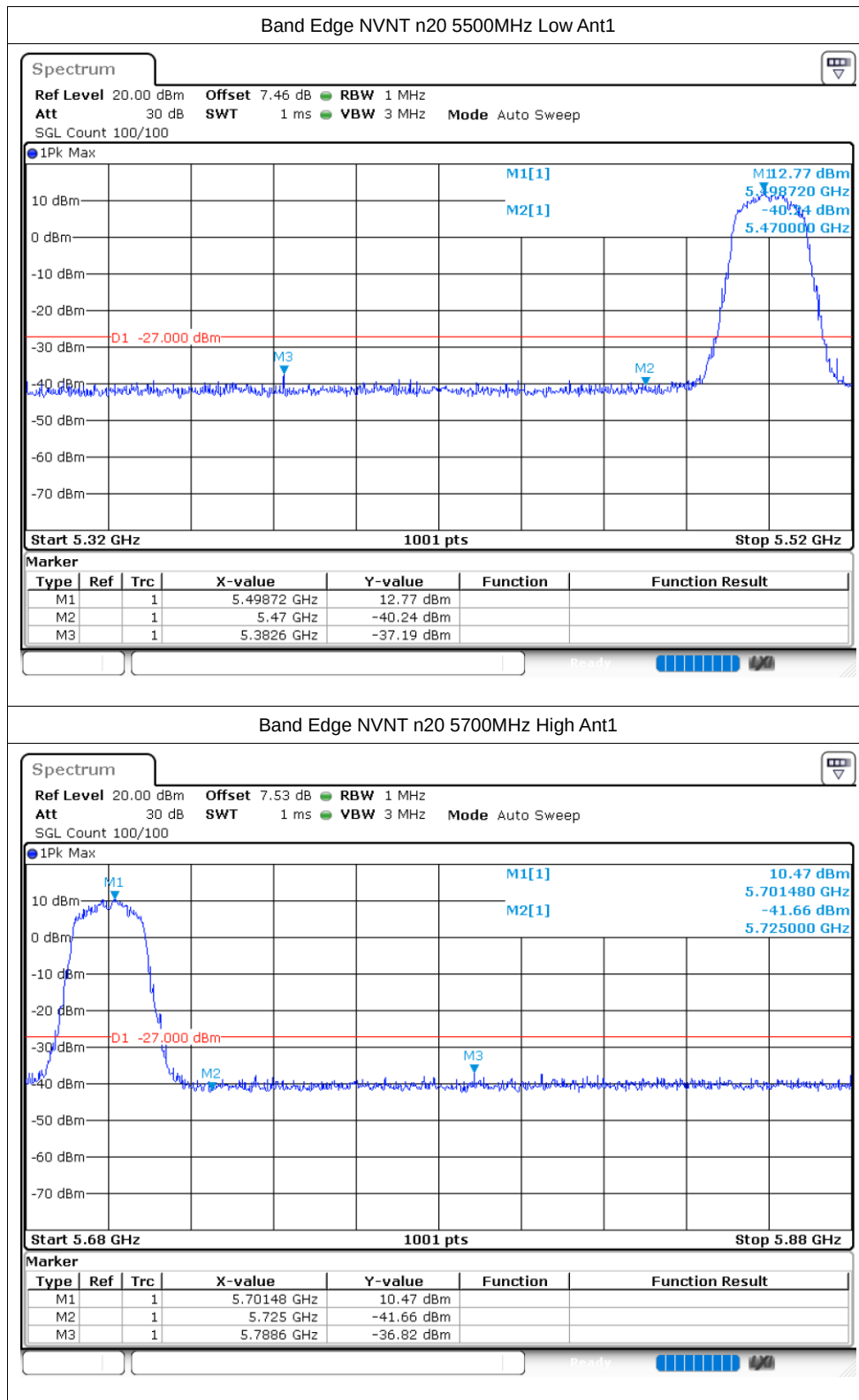
Test Graphs

Band Edge NVNT a 5500MHz Low Ant1



Band Edge NVNT a 5700MHz High Ant1



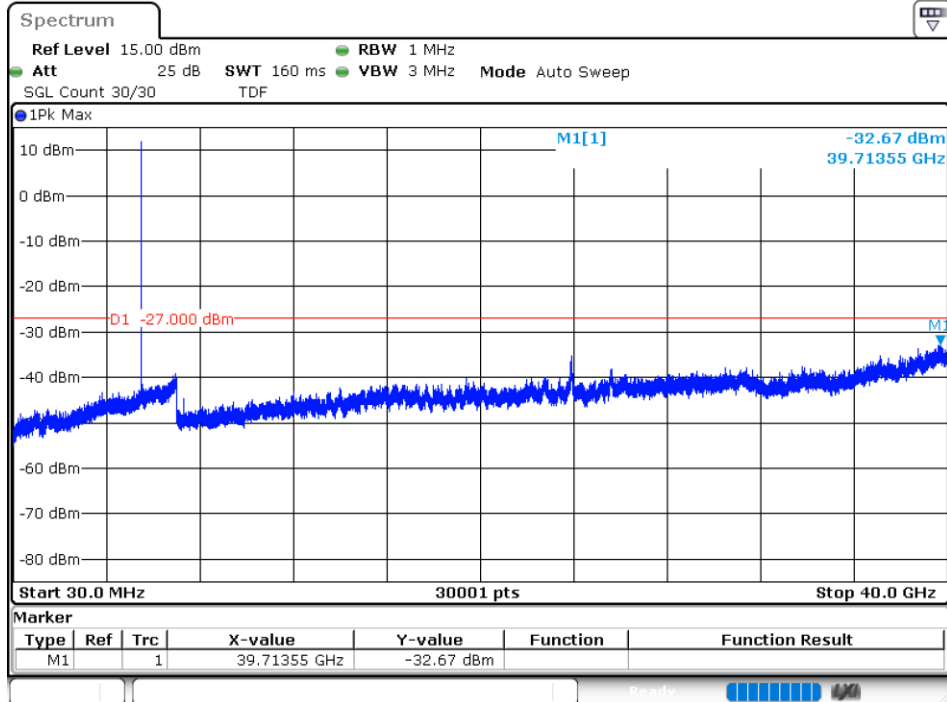


Conducted RF Spurious Emission

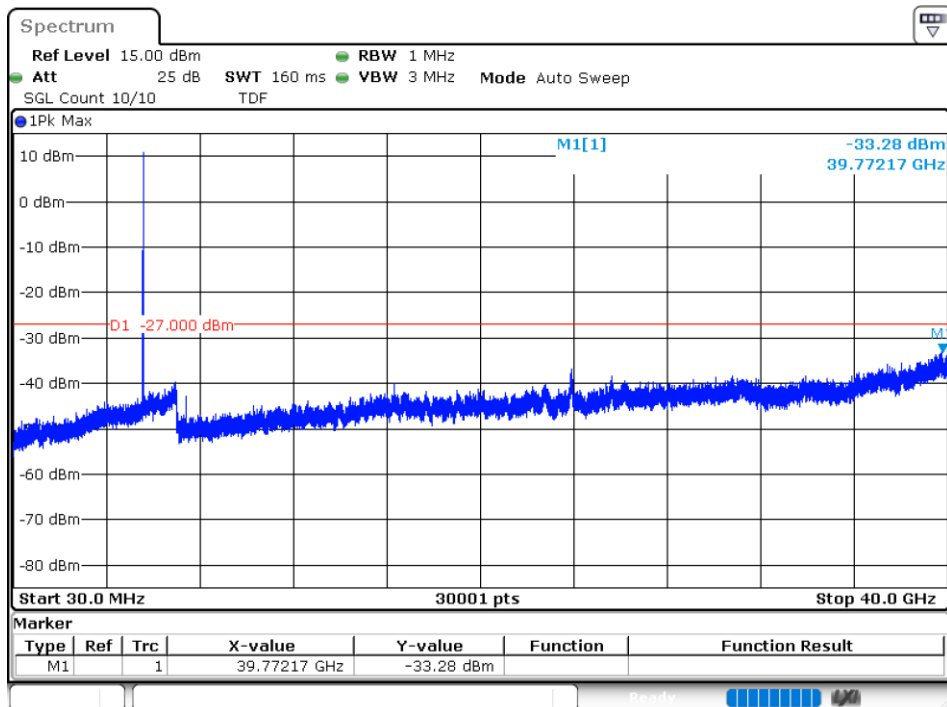
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-32.66	-27	Pass
NVNT	a	5580	Ant1	-33.28	-27	Pass
NVNT	a	5700	Ant1	-33.31	-27	Pass
NVNT	n20	5500	Ant1	-33.79	-27	Pass
NVNT	n20	5580	Ant1	-33.78	-27	Pass
NVNT	n20	5700	Ant1	-33.26	-27	Pass

Test Graphs

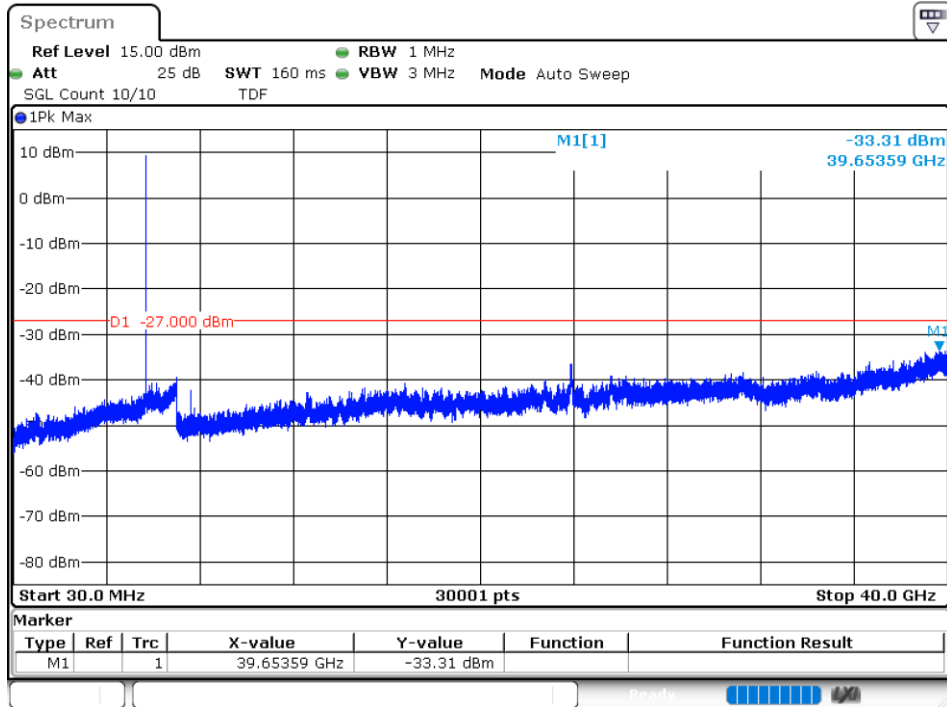
Tx. Spurious NVNT a 5500MHz Ant1 Emission



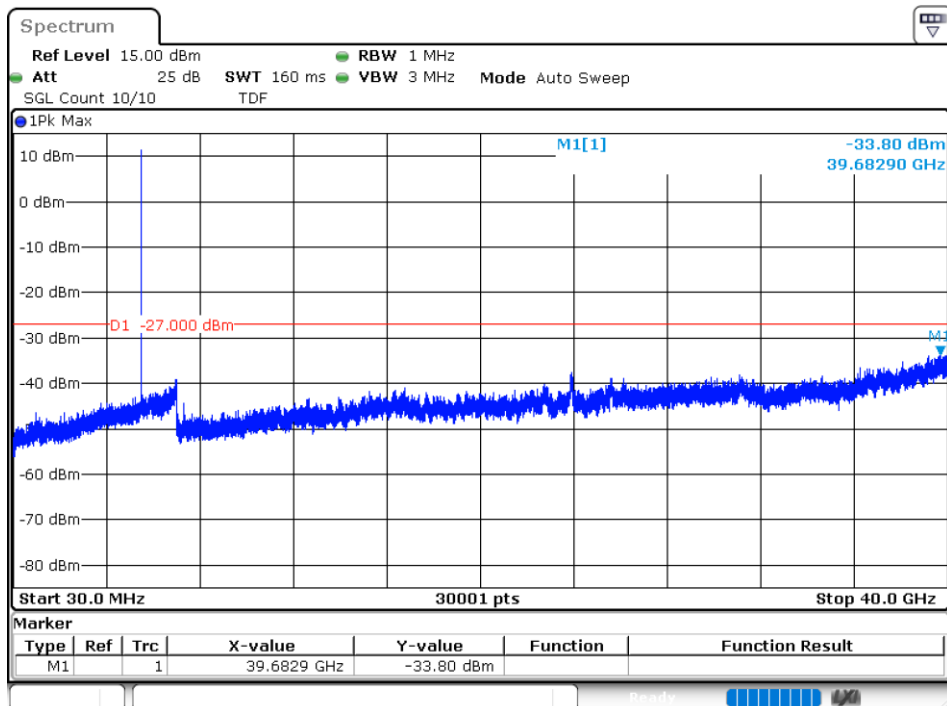
Tx. Spurious NVNT a 5580MHz Ant1 Emission



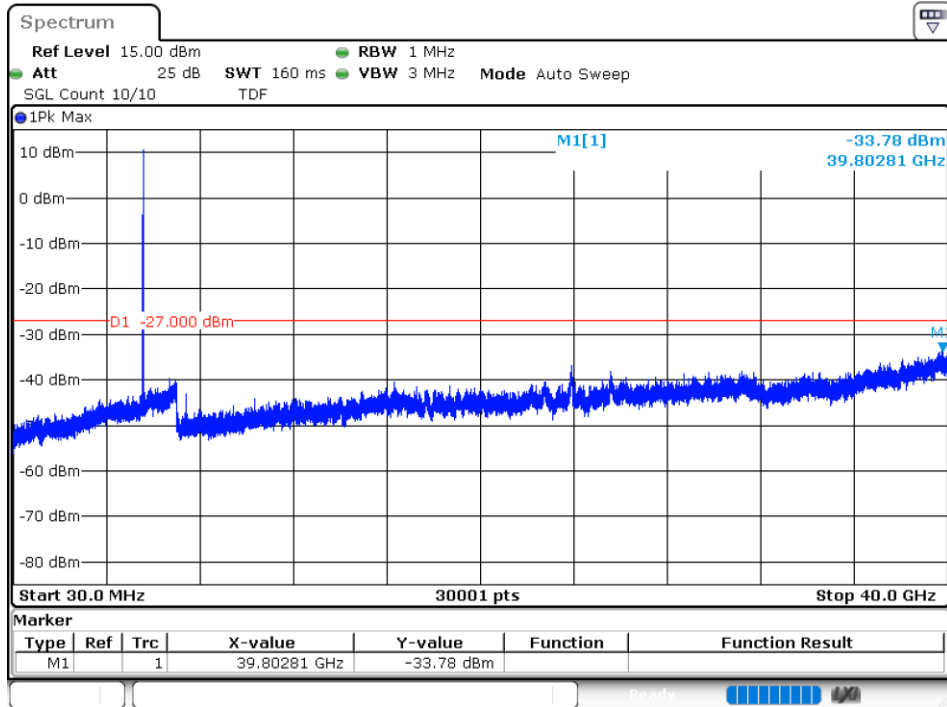
Tx. Spurious NVNT a 5700MHz Ant1 Emission



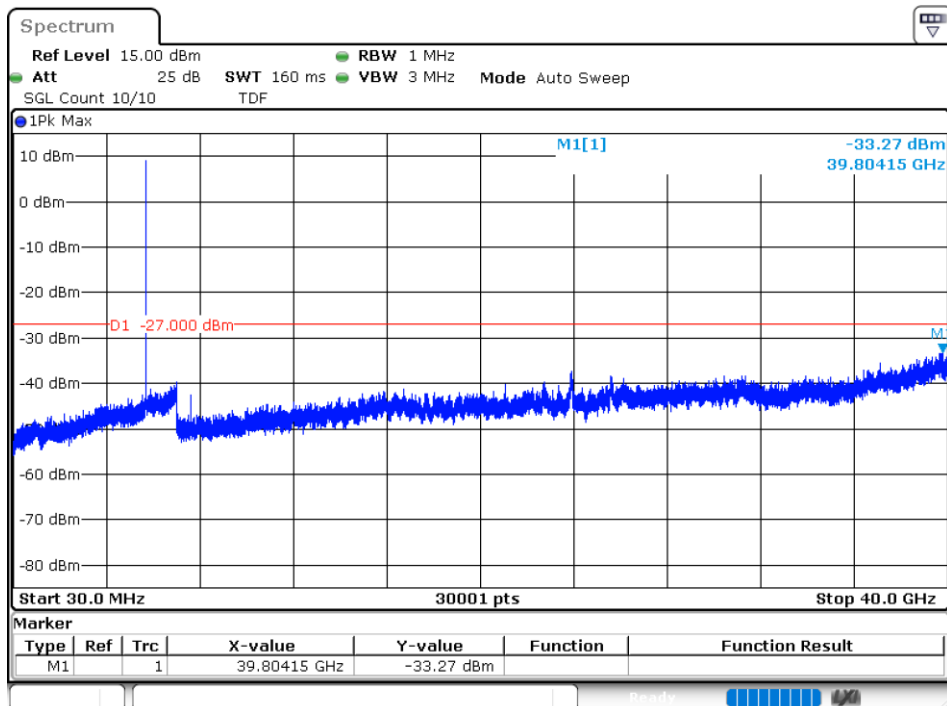
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



Tx. Spurious NVNT n20 5580MHz Ant1 Emission



Tx. Spurious NVNT n20 5700MHz Ant1 Emission



WIFI 5.8G

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	80.32	0.95	0.49
NVNT	a	5785	Ant1	80.3	0.95	0.5
NVNT	a	5825	Ant1	80.75	0.93	0.49
NVNT	n20	5745	Ant1	79.68	0.99	0.53
NVNT	n20	5785	Ant1	79.31	1.01	0.53
NVNT	n20	5825	Ant1	79.32	1.01	0.53

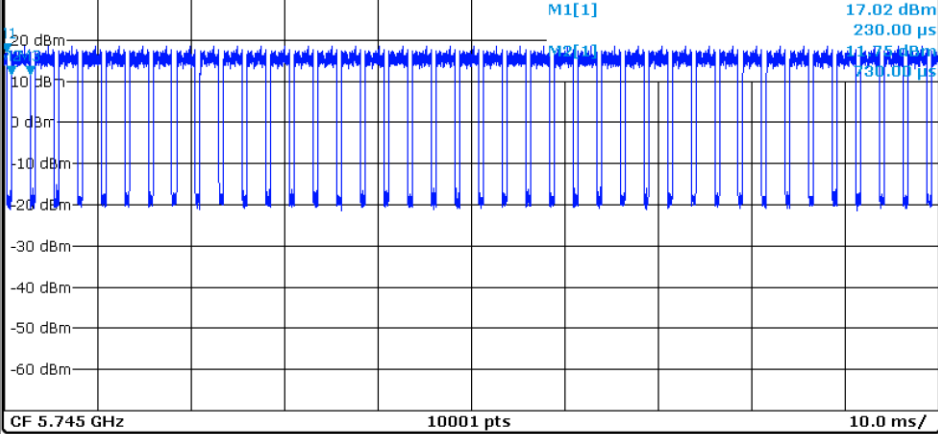
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.65 dB RBW 10 MHz
 Att 45 dB SWT 100 ms VBW 10 MHz
 SGL

1Pk Clrw



Marker

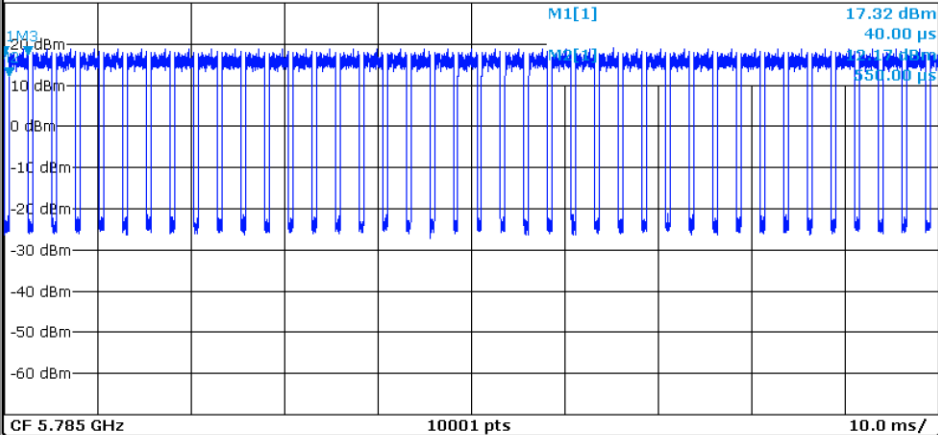
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		230.0 μ s	17.02 dBm		
M2	1		730.0 μ s	11.75 dBm		
M3	1		2.76 ms	11.66 dBm		

Duty Cycle NVNT a 5785MHz Ant1

Spectrum

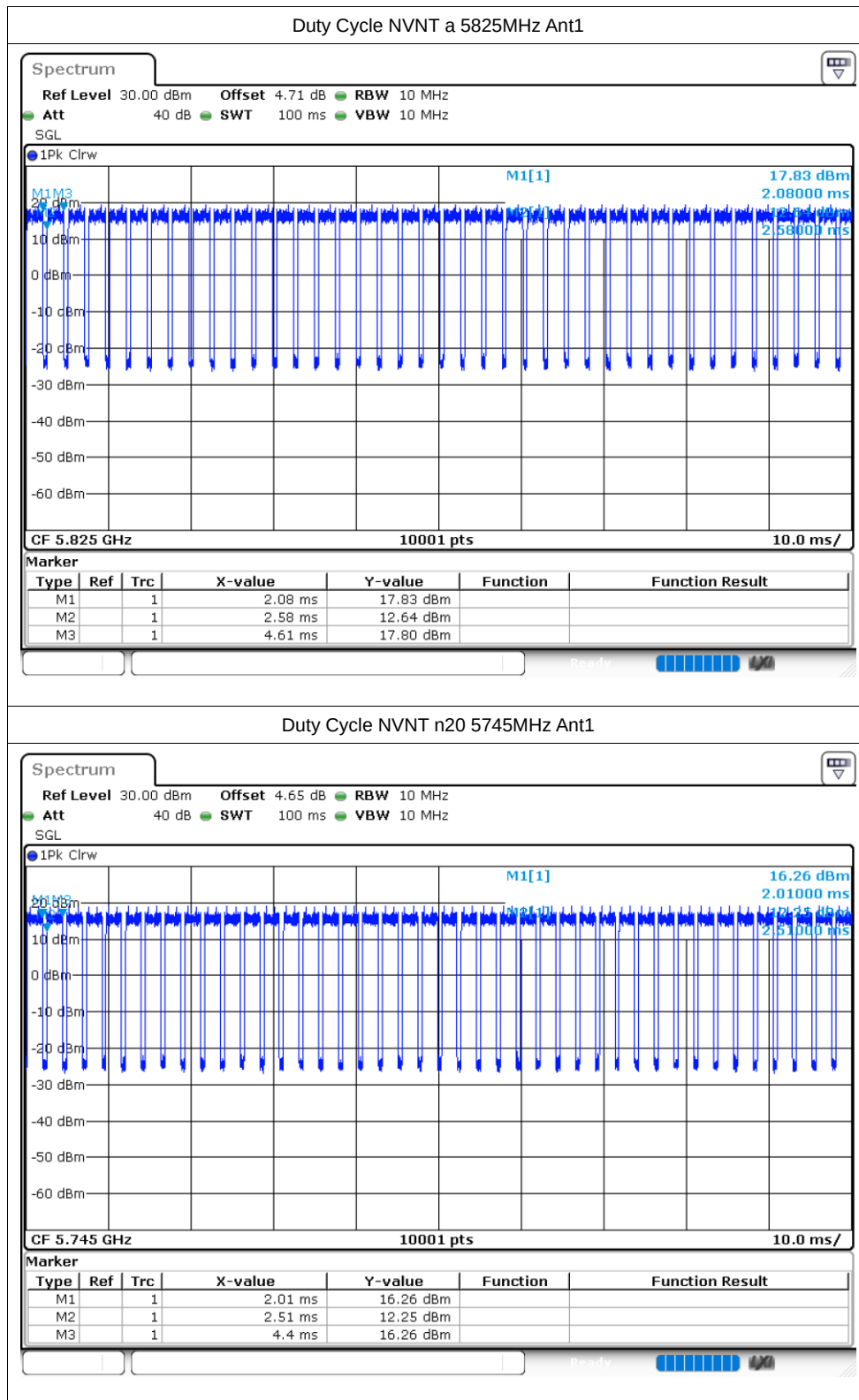
Ref Level 30.00 dBm Offset 4.71 dB RBW 10 MHz
 Att 40 dB SWT 100 ms VBW 10 MHz
 SGL

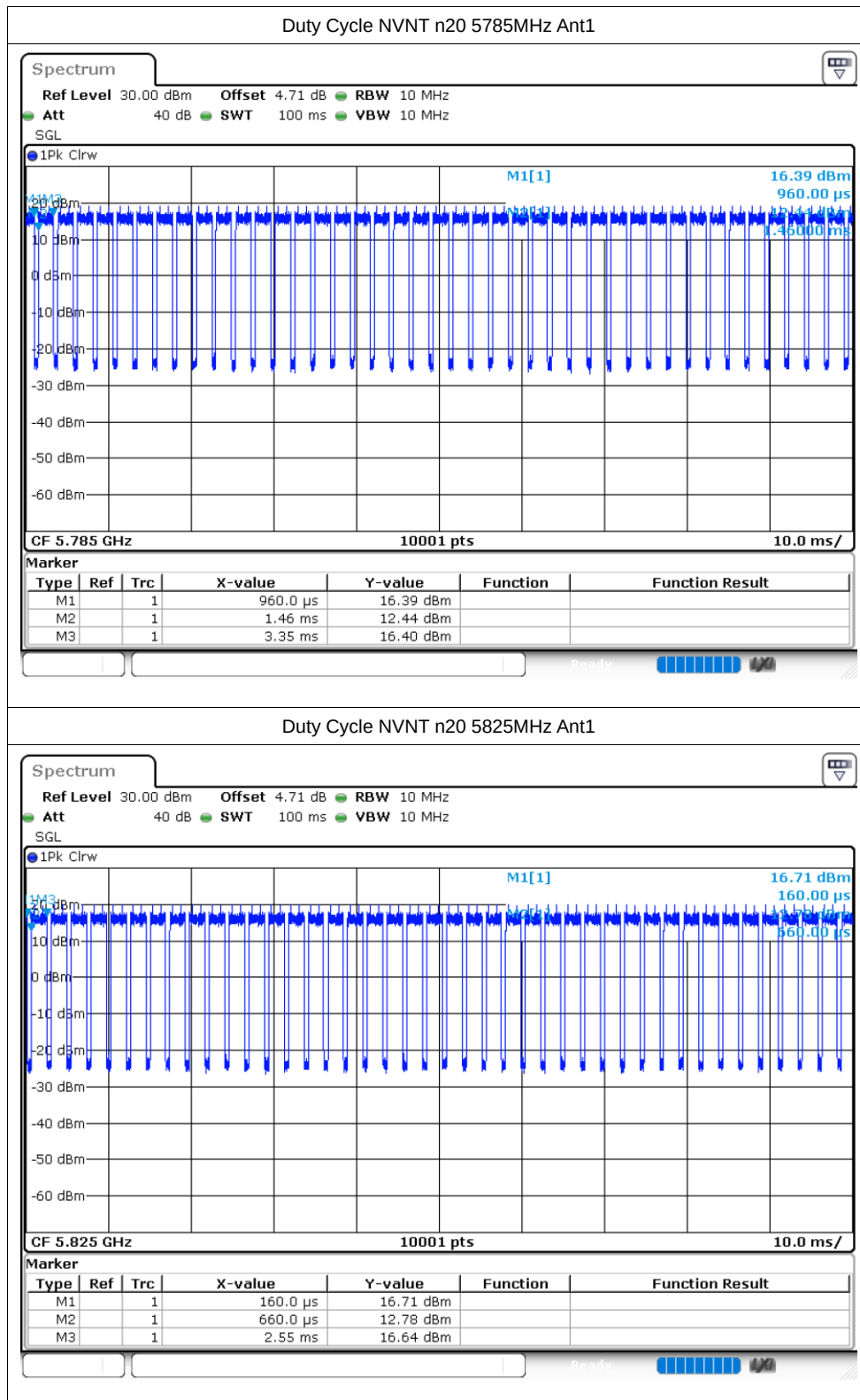
1Pk Clrw



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		40.0 μ s	17.32 dBm		
M2	1		550.0 μ s	12.17 dBm		
M3	1		2.57 ms	17.33 dBm		





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted AVG Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.34	30	Pass
NVNT	a	5785	Ant1	10.96	30	Pass
NVNT	a	5825	Ant1	11.43	30	Pass
NVNT	n20	5745	Ant1	11.2	30	Pass
NVNT	n20	5785	Ant1	11.09	30	Pass
NVNT	n20	5825	Ant1	11.16	30	Pass

Note:

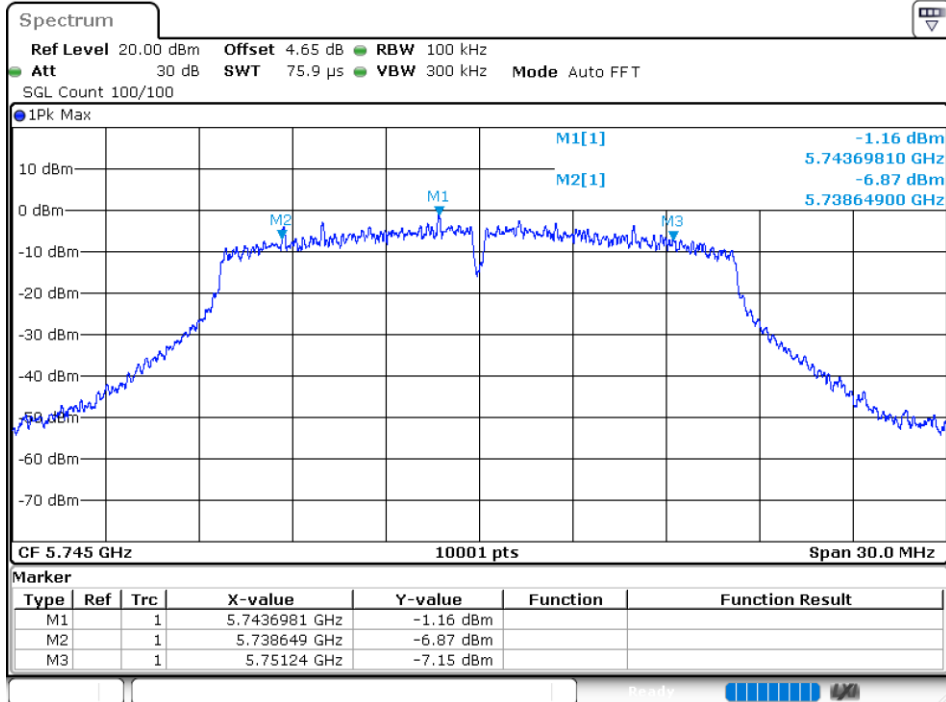
1. The conducted average power contains duty cycle factor.

-6dB Bandwidth

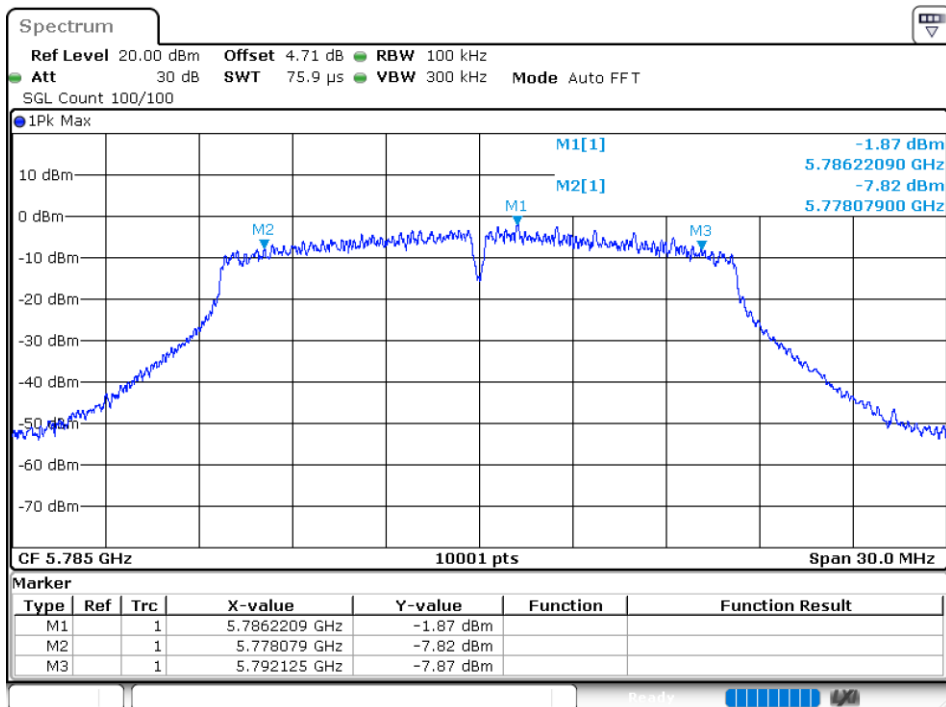
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	12.591	0.5	Pass
NVNT	a	5785	Ant1	14.046	0.5	Pass
NVNT	a	5825	Ant1	15.882	0.5	Pass
NVNT	n20	5745	Ant1	16.287	0.5	Pass
NVNT	n20	5785	Ant1	11.091	0.5	Pass
NVNT	n20	5825	Ant1	15.384	0.5	Pass

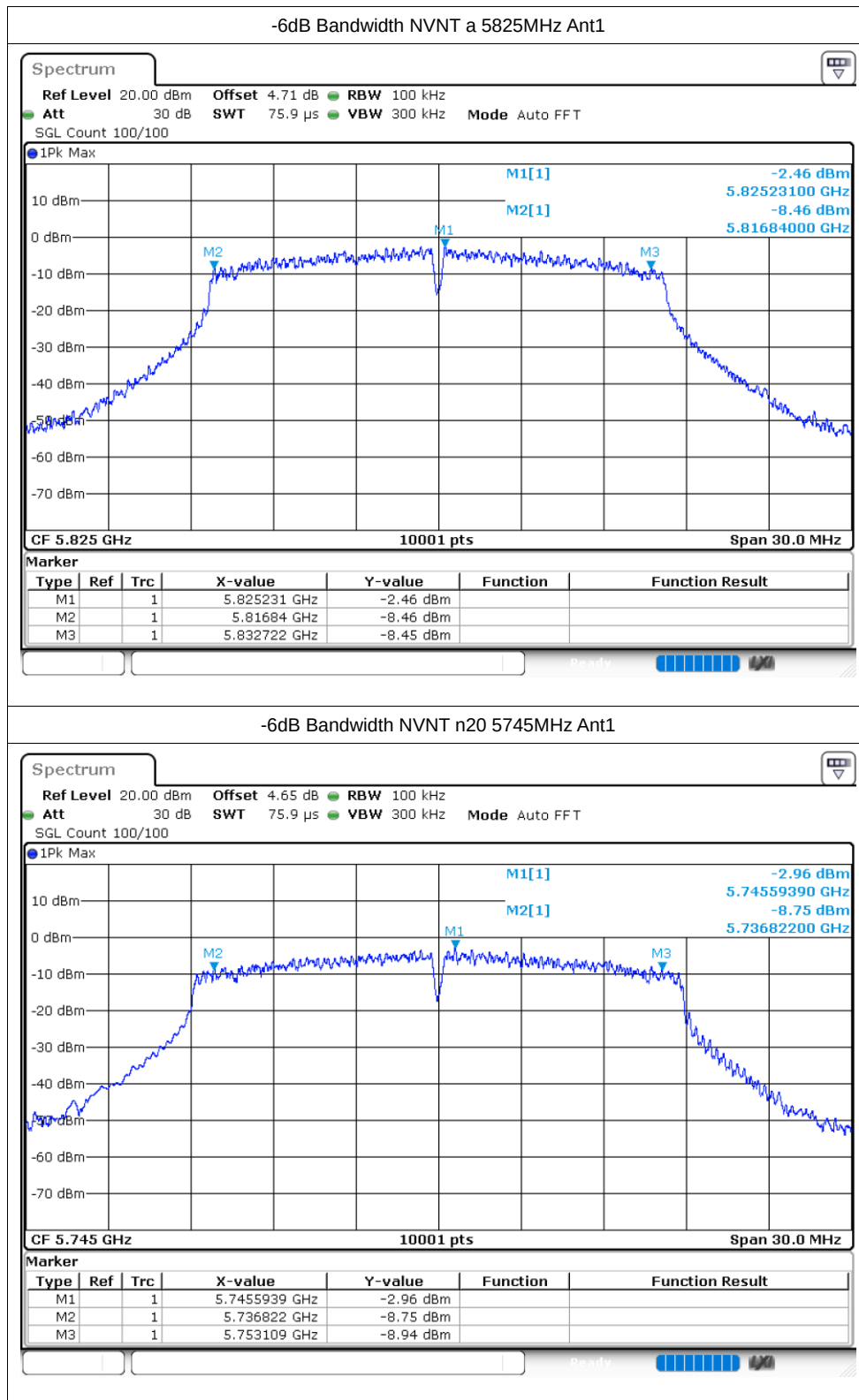
Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1

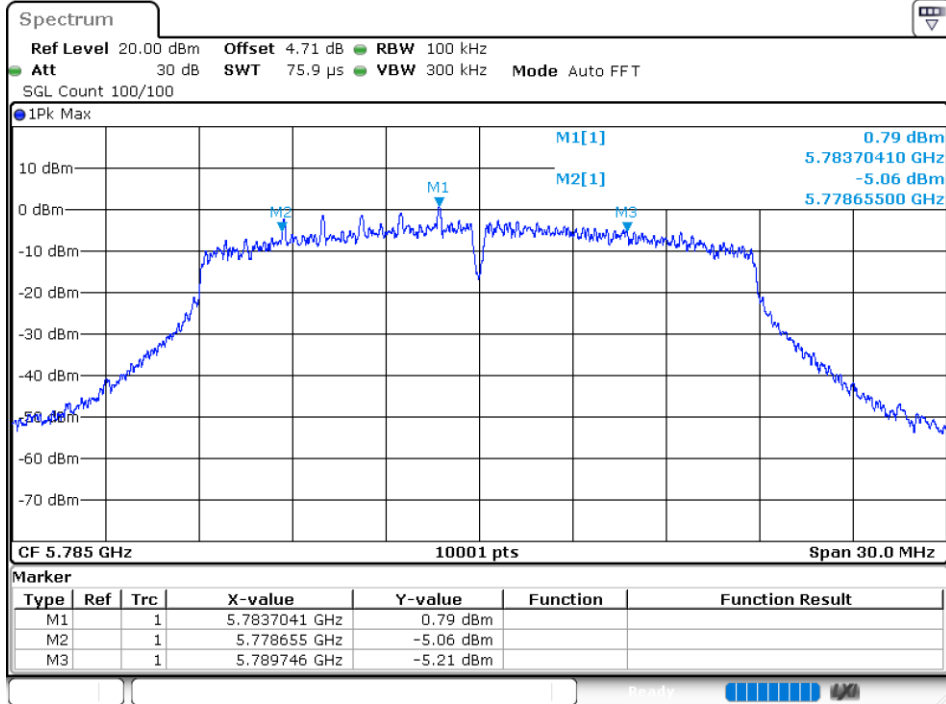


-6dB Bandwidth NVNT a 5785MHz Ant1

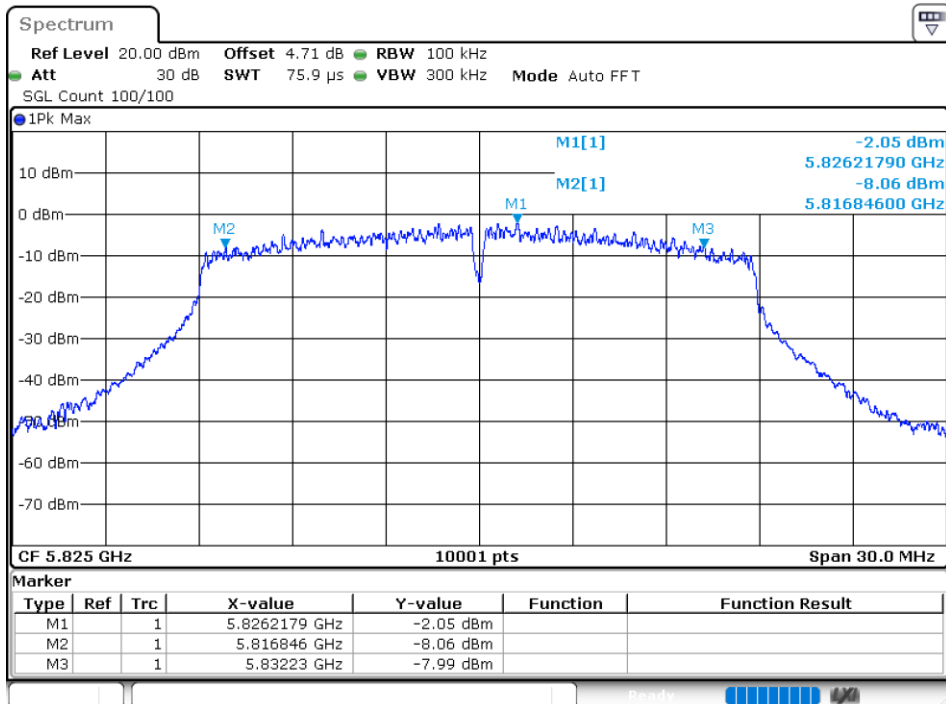




-6dB Bandwidth NVNT n20 5785MHz Ant1



-6dB Bandwidth NVNT n20 5825MHz Ant1

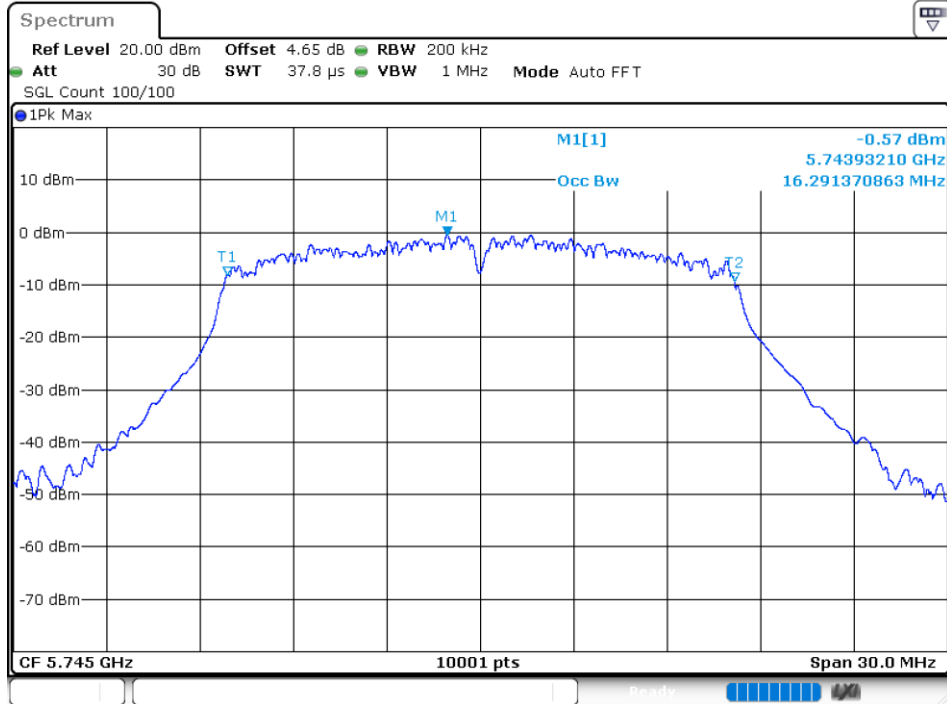


Occupied Channel Bandwidth

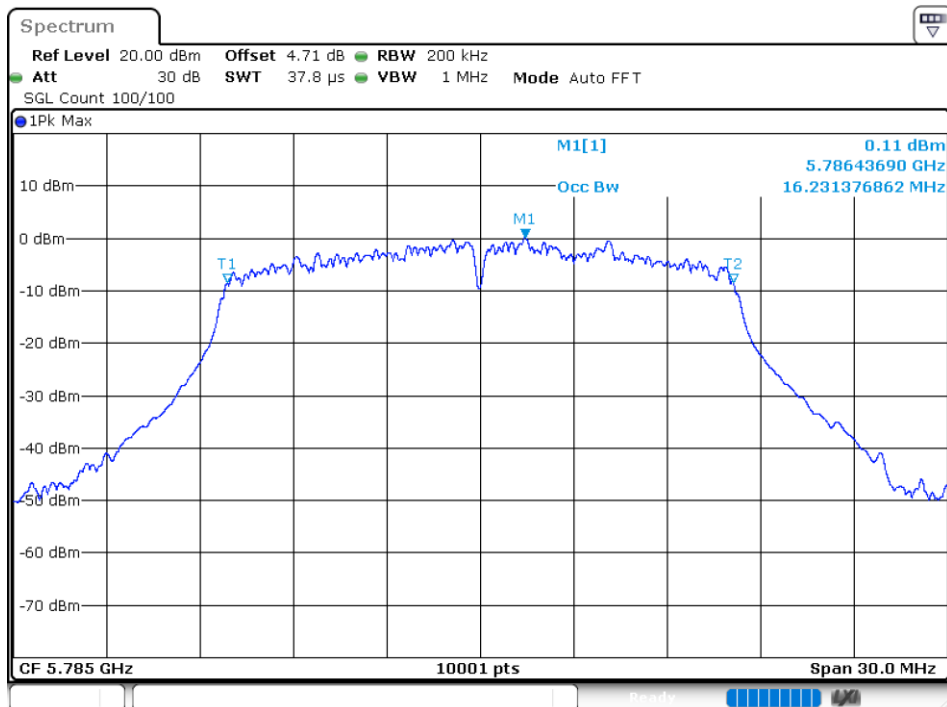
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.291
NVNT	a	5785	Ant1	16.231
NVNT	a	5825	Ant1	16.234
NVNT	n20	5745	Ant1	17.335
NVNT	n20	5785	Ant1	17.326
NVNT	n20	5825	Ant1	17.29

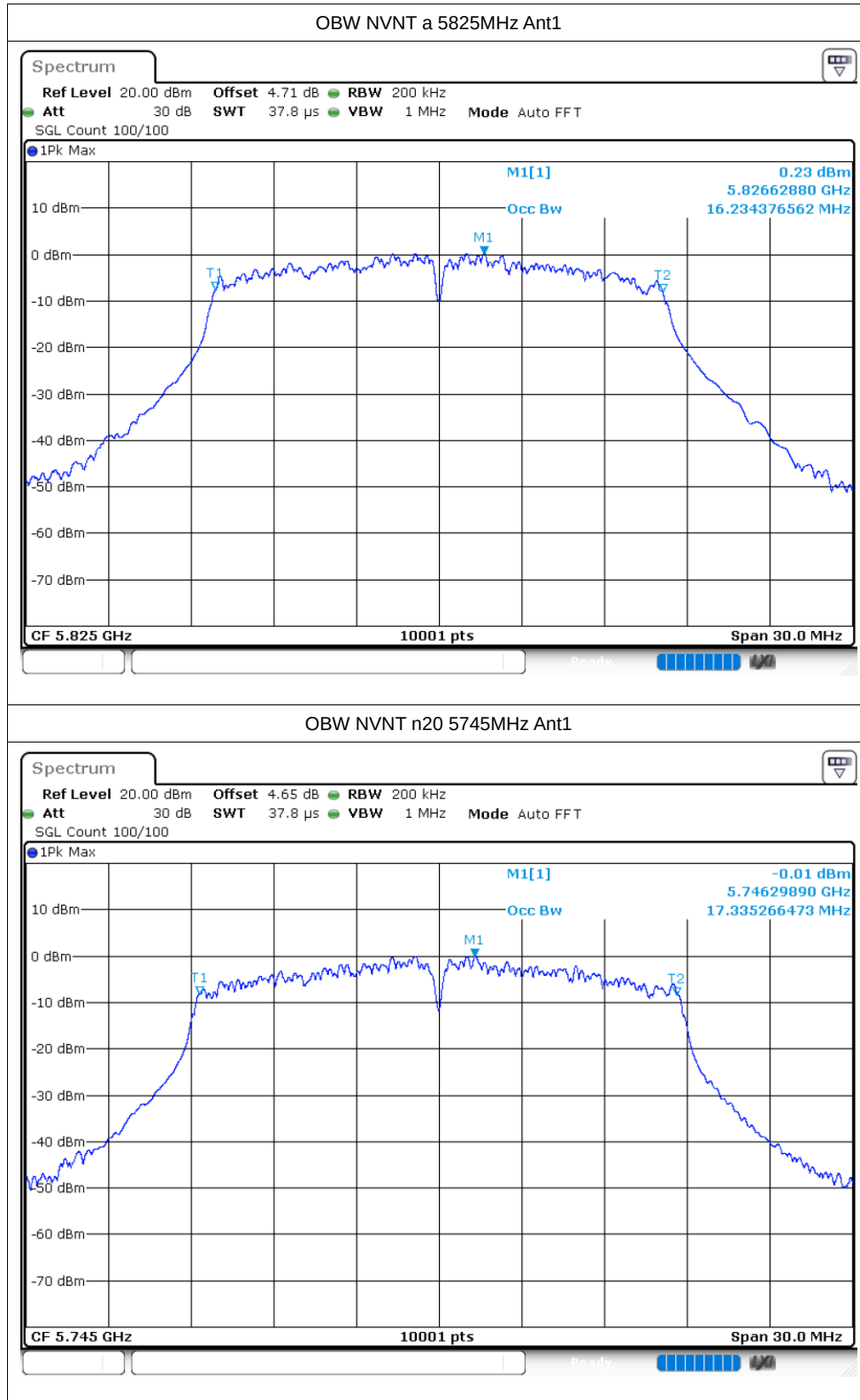
Test Graphs

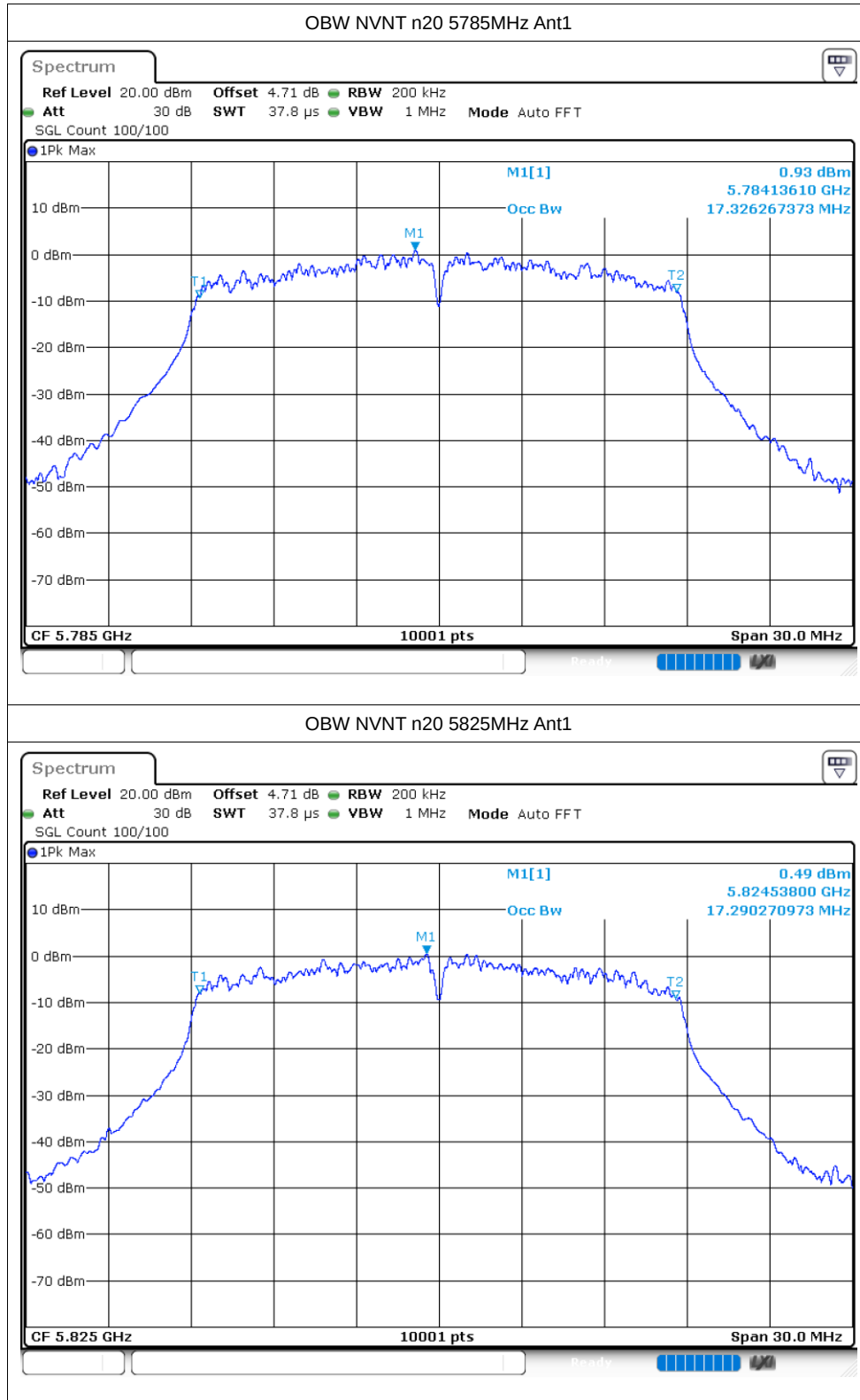
OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1





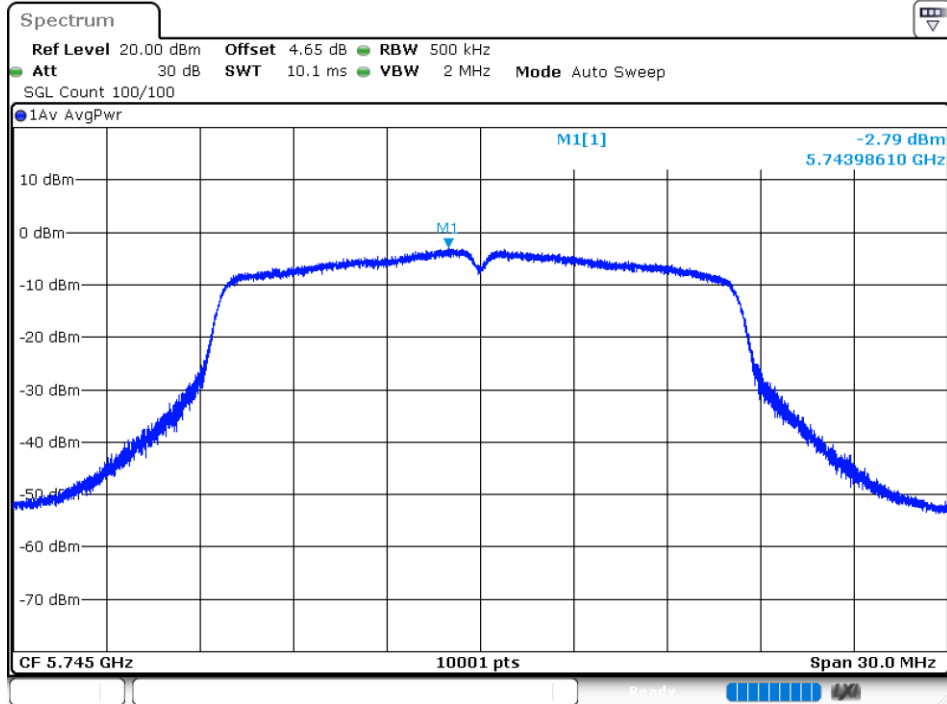


Maximum Power Spectral Density Level

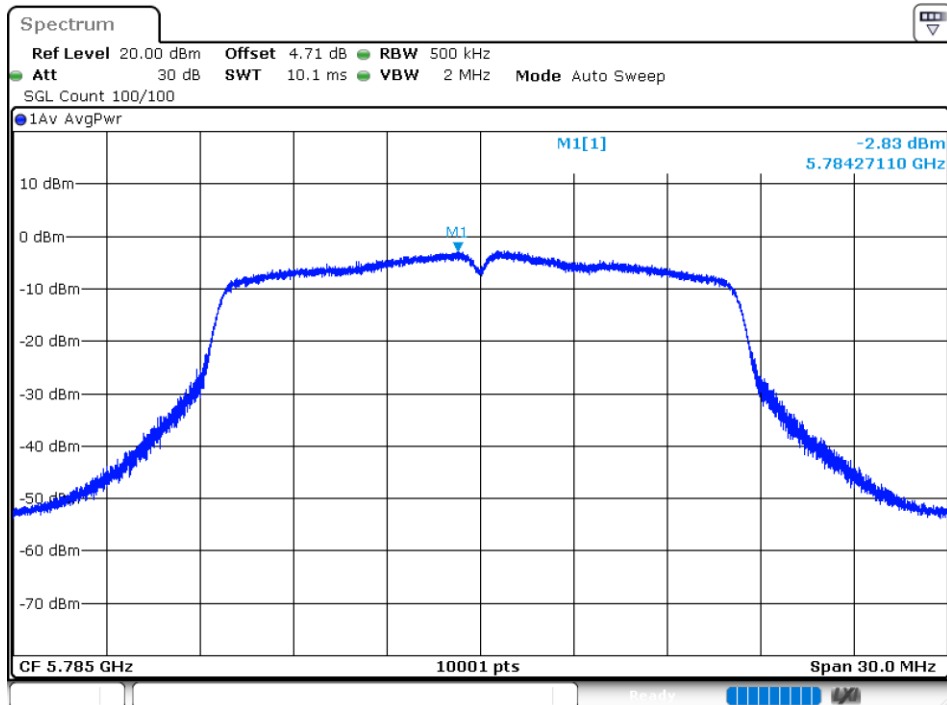
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/500kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
NVNT	a	5745	Ant1	-2.79	0.95	-1.84	30	Pass
NVNT	a	5785	Ant1	-2.83	0.95	-1.88	30	Pass
NVNT	a	5825	Ant1	-2.19	0.93	-1.26	30	Pass
NVNT	n20	5745	Ant1	-3.35	0.99	-2.36	30	Pass
NVNT	n20	5785	Ant1	-2.71	1.01	-1.7	30	Pass
NVNT	n20	5825	Ant1	-2.64	1.01	-1.63	30	Pass

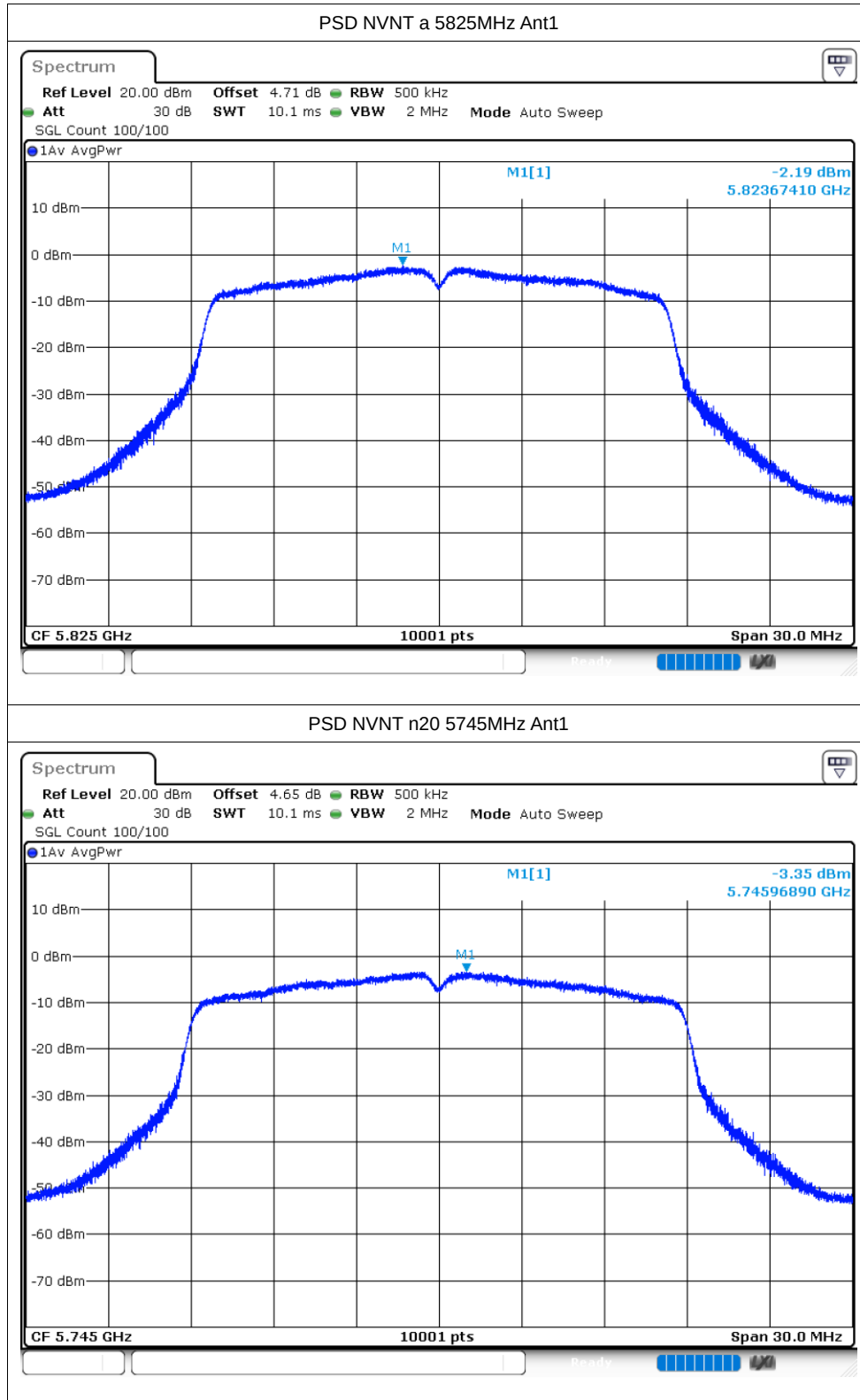
Test Graphs

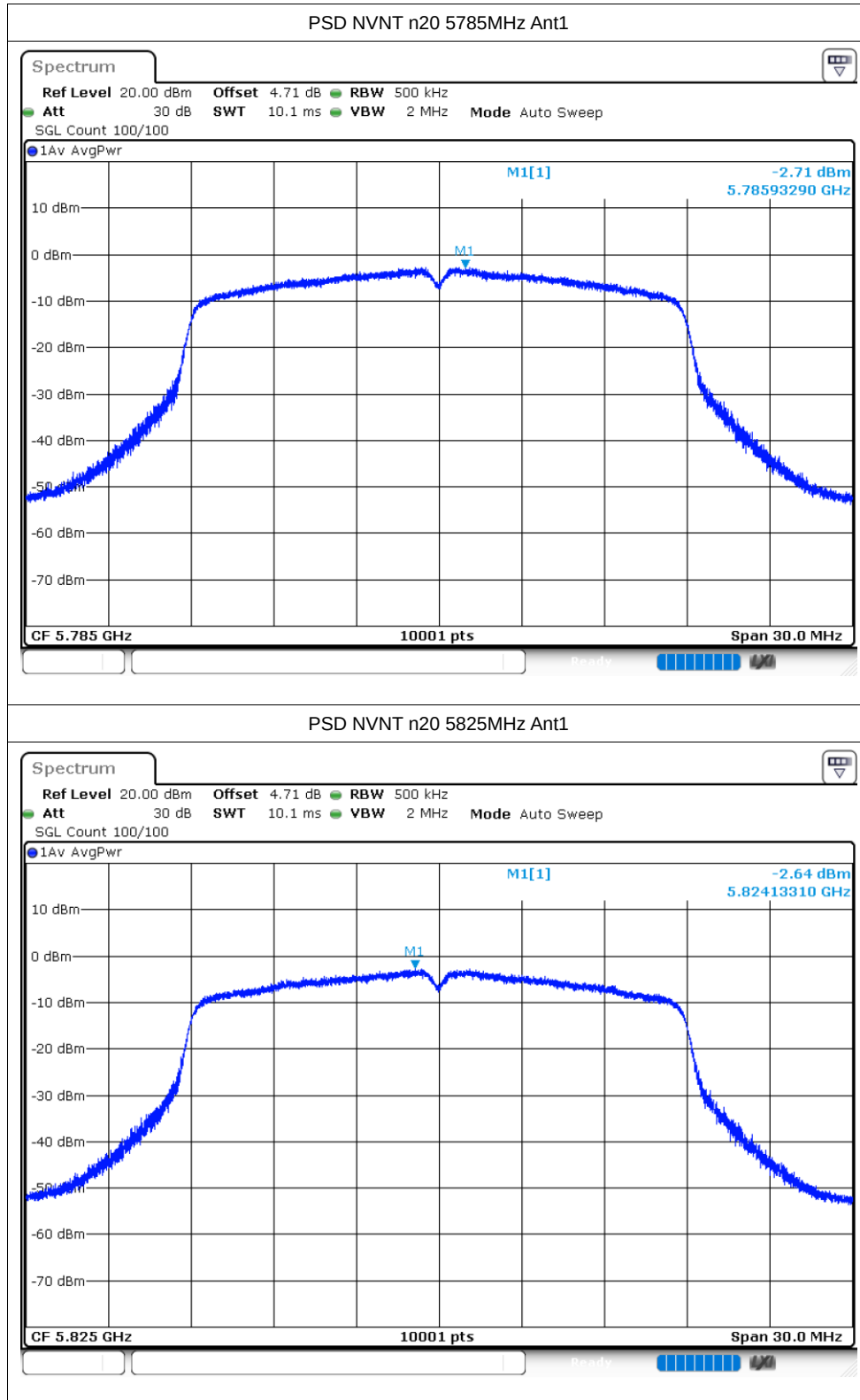
PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1





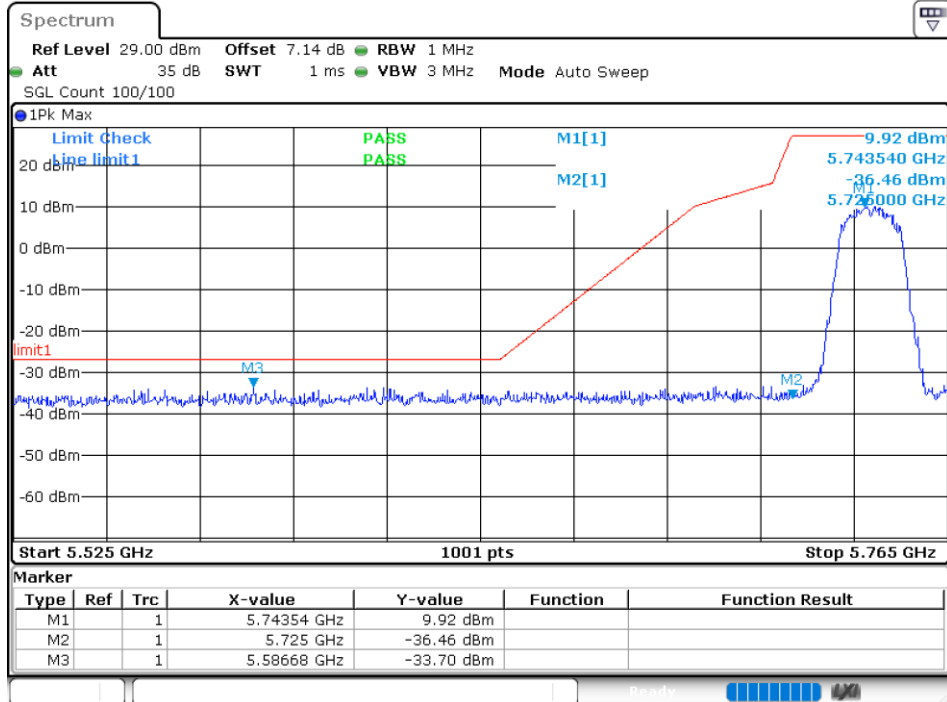


Band Edge

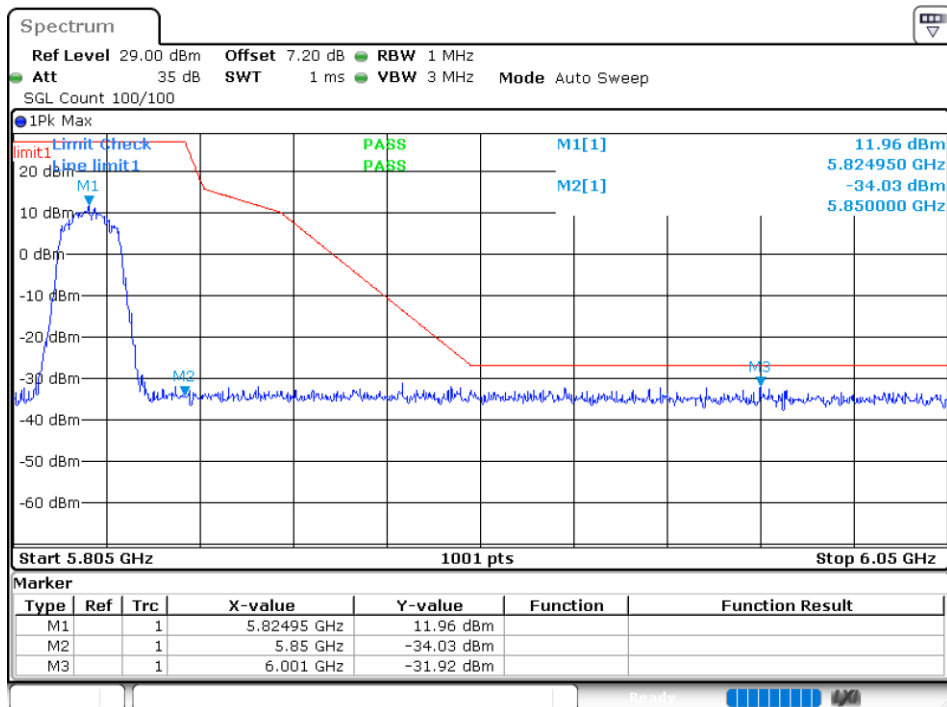
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-33.69	-27	Pass
NVNT	a	5825	Ant1	-31.92	-27	Pass
NVNT	n20	5745	Ant1	-33.61	-27	Pass
NVNT	n20	5825	Ant1	-31.89	-27	Pass

Test Graphs

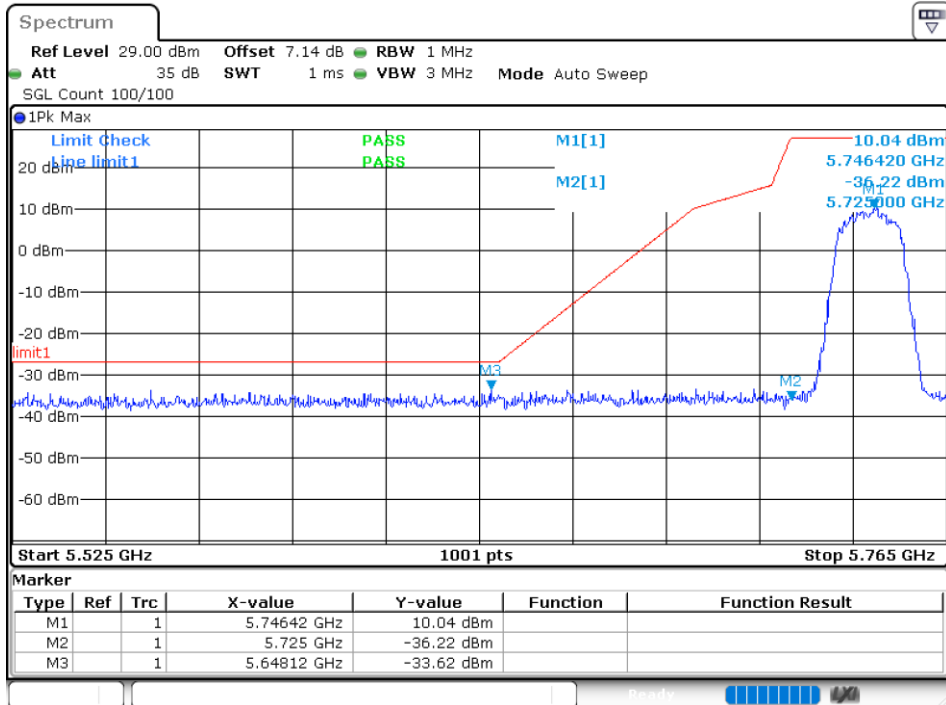
Band Edge NVNT a 5745MHz Low Ant1



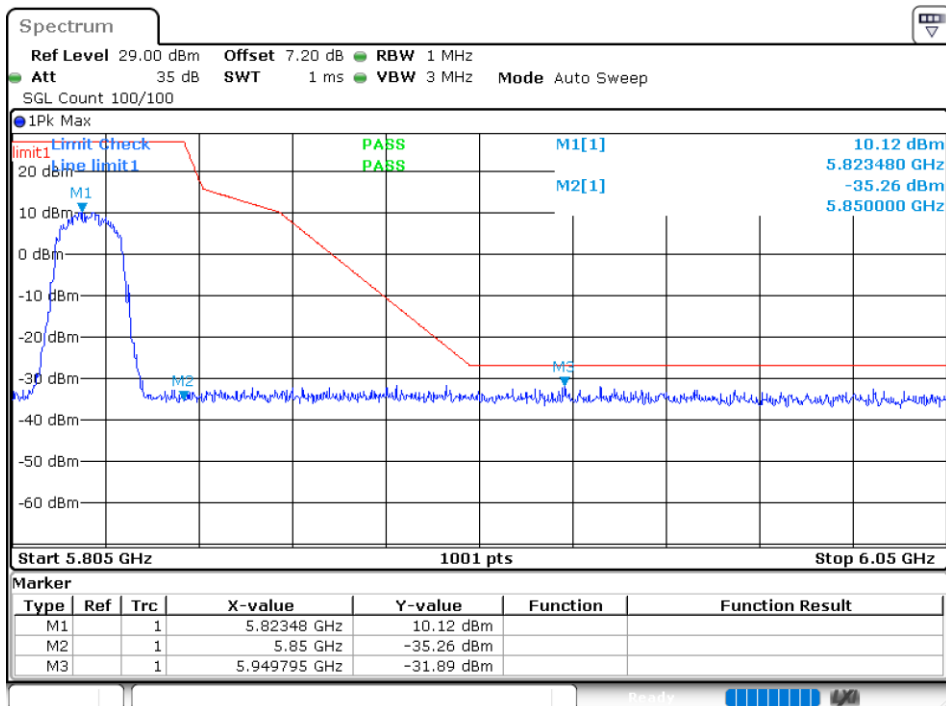
Band Edge NVNT a 5825MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant1



Band Edge NVNT n20 5825MHz High Ant1

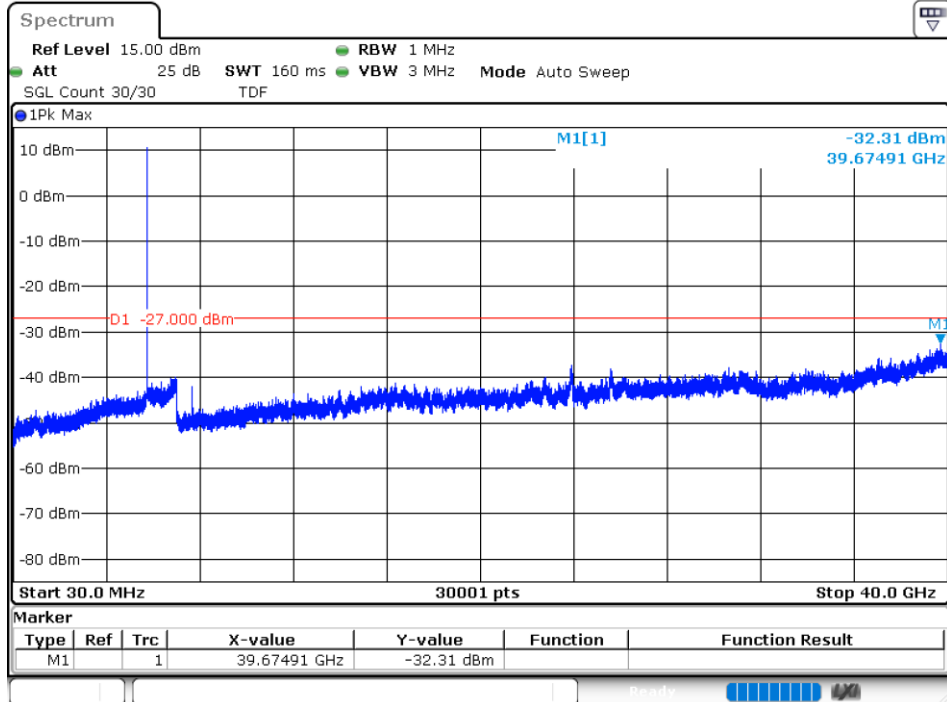


Conducted RF Spurious Emission

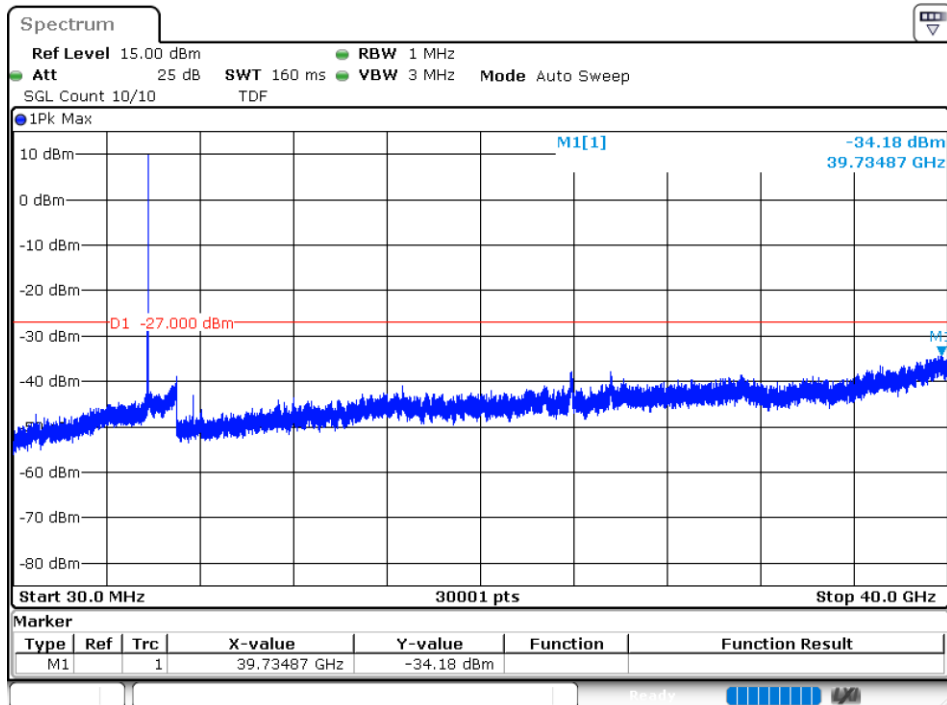
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-32.31	-27	Pass
NVNT	a	5785	Ant1	-34.17	-27	Pass
NVNT	a	5825	Ant1	-33.41	-27	Pass
NVNT	n20	5745	Ant1	-33.61	-27	Pass
NVNT	n20	5785	Ant1	-34.17	-27	Pass
NVNT	n20	5825	Ant1	-33.86	-27	Pass

Test Graphs

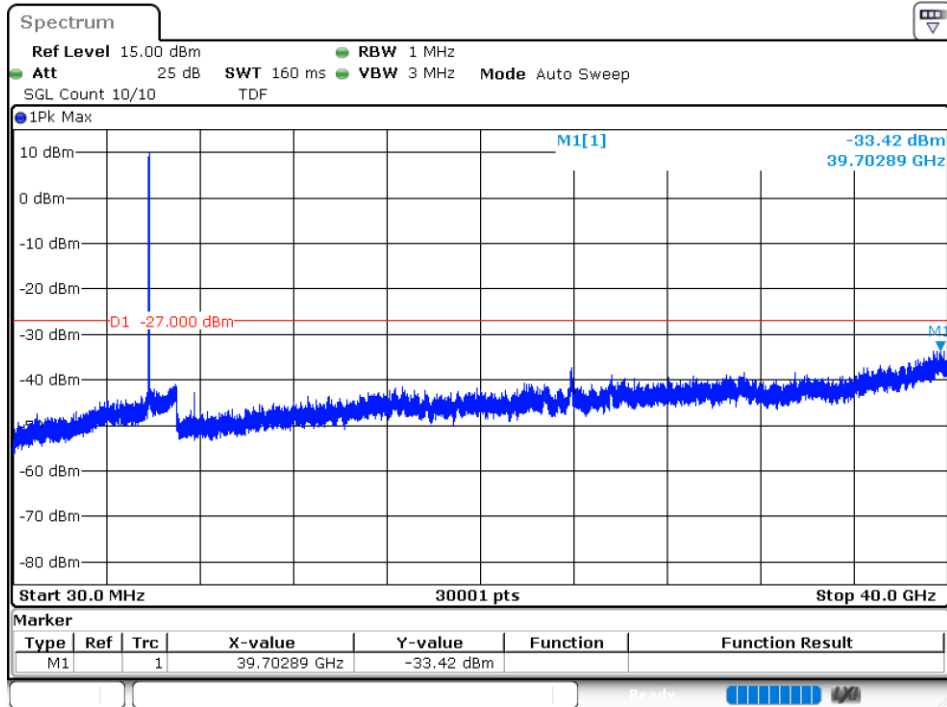
Tx. Spurious NVNT a 5745MHz Ant1 Emission



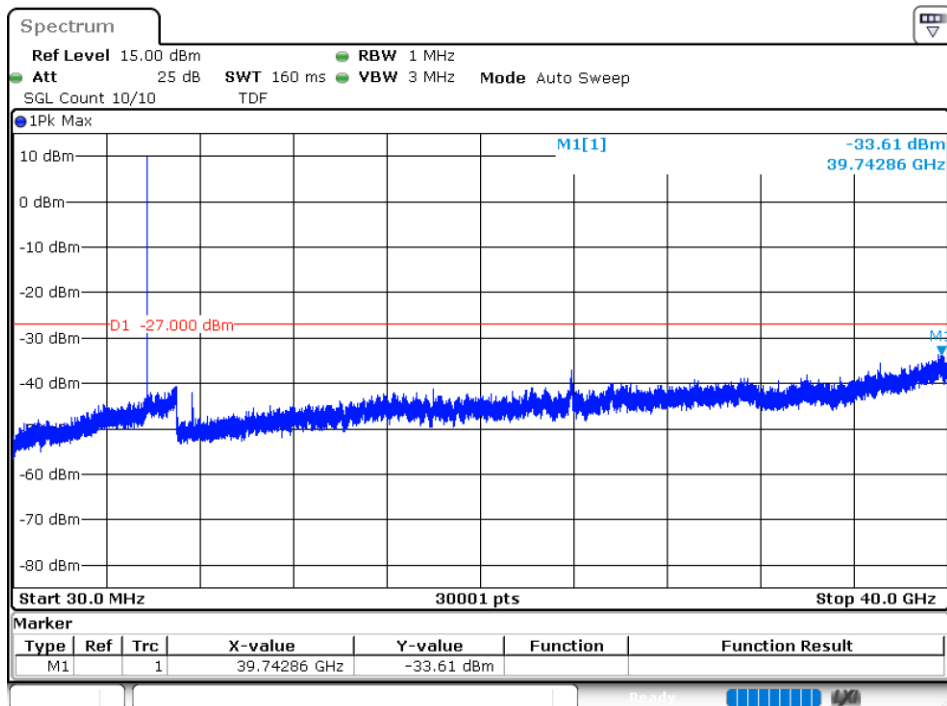
Tx. Spurious NVNT a 5785MHz Ant1 Emission

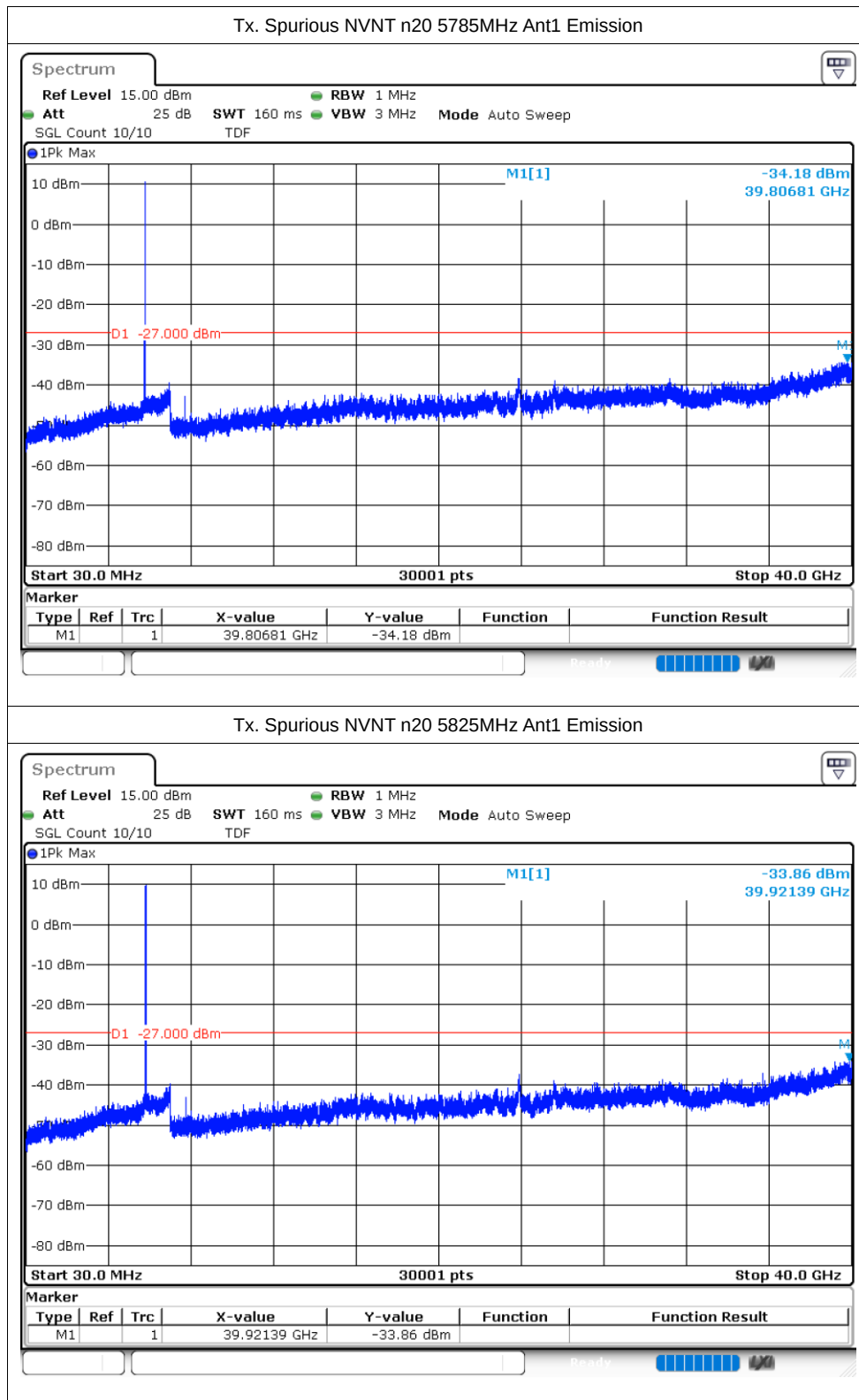


Tx. Spurious NVNT a 5825MHz Ant1 Emission



Tx. Spurious NVNT n20 5745MHz Ant1 Emission



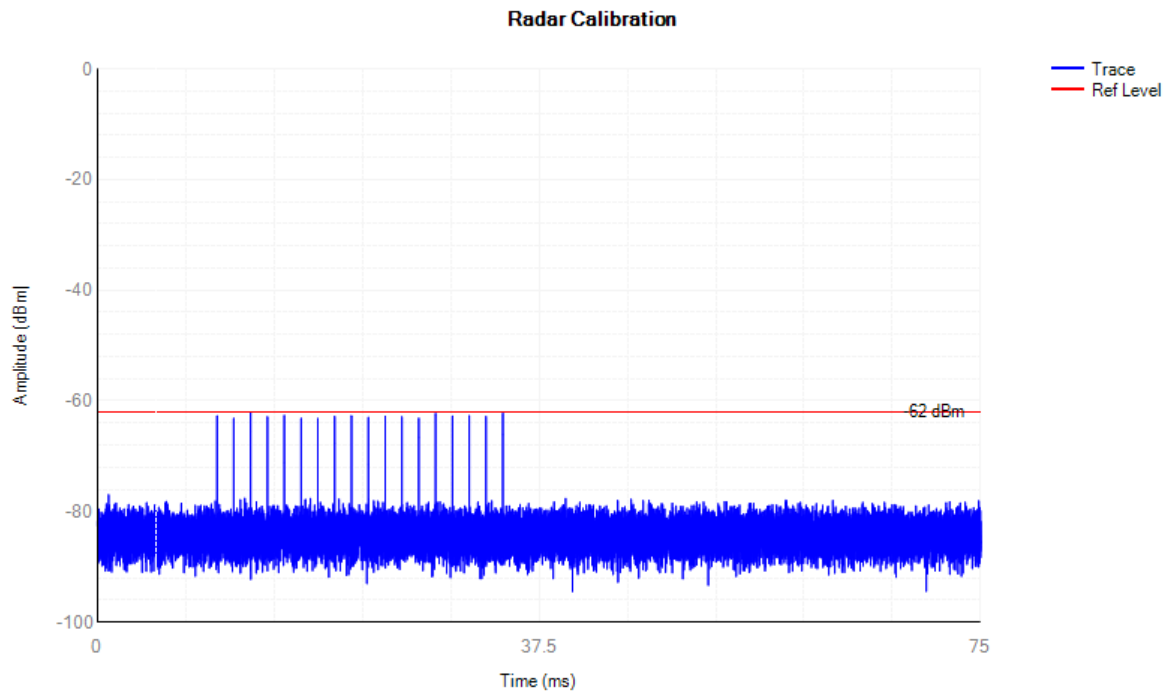


DFS

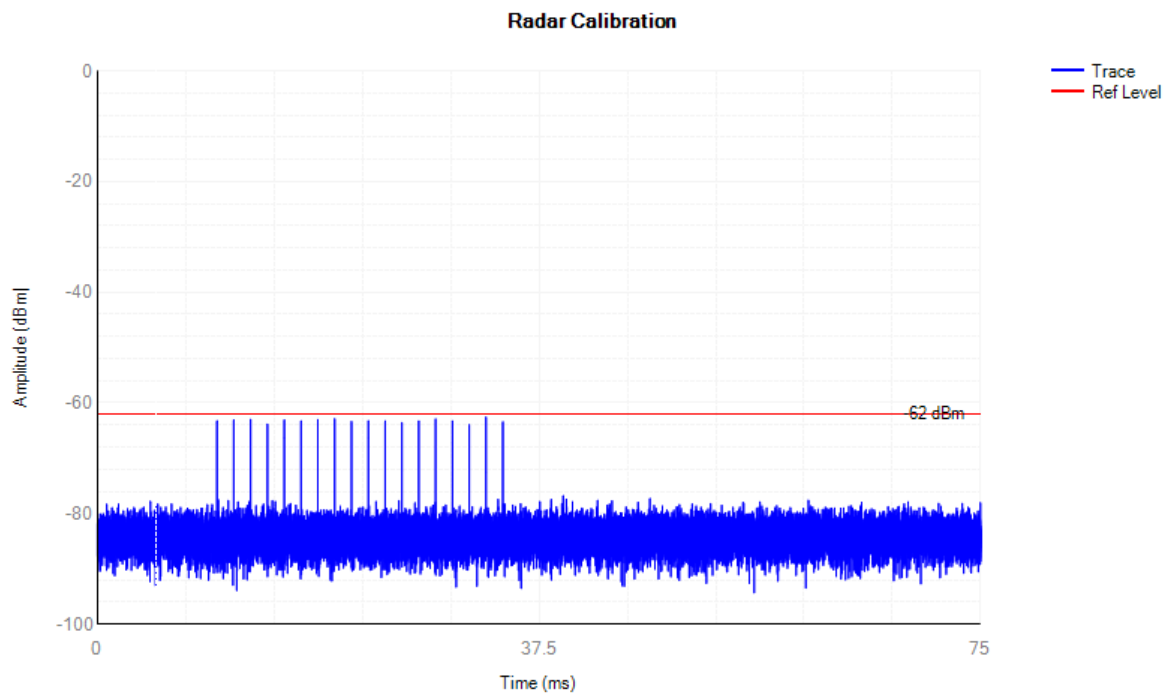
Calibration

Test Graphs

5320MHz DFS_FCC_T0



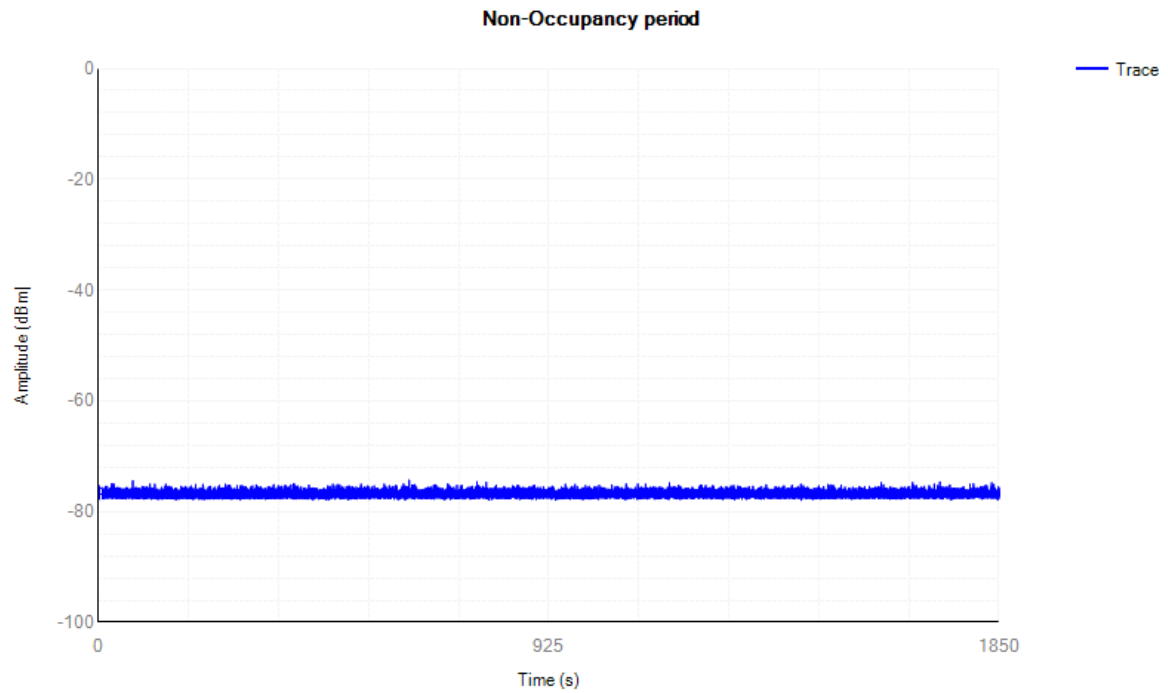
5500MHz DFS_FCC_T0



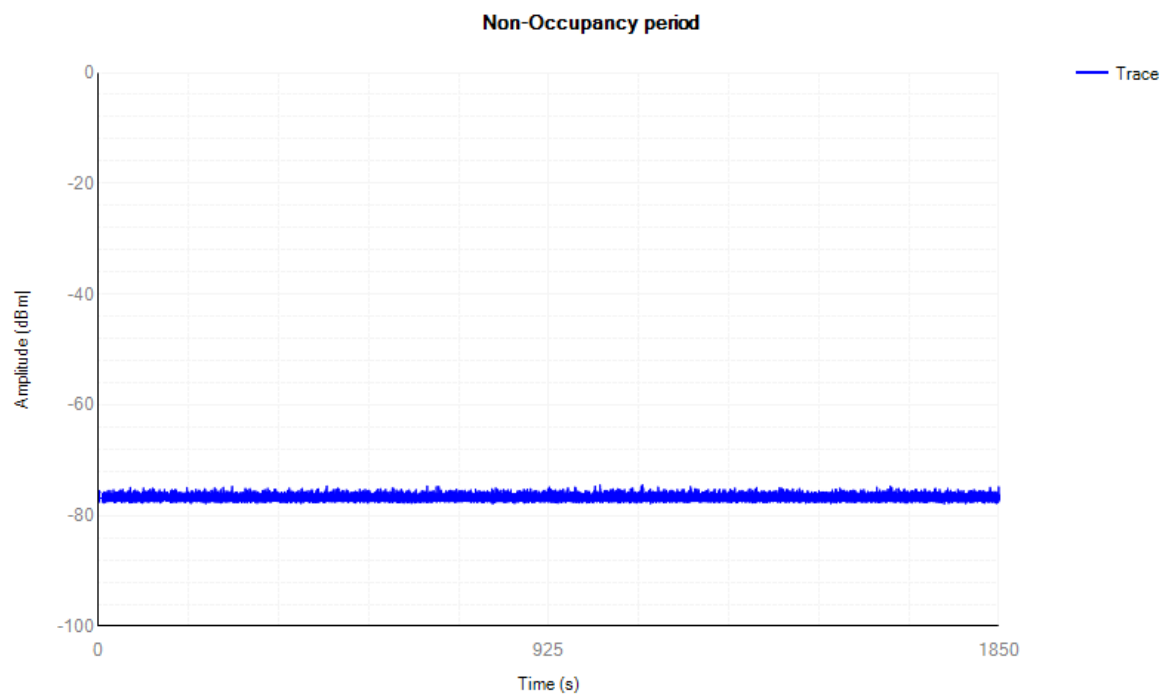
Non-Occupancy

Test Graphs

a 5320MHz Non-Occupancy



a 5500MHz Non-Occupancy



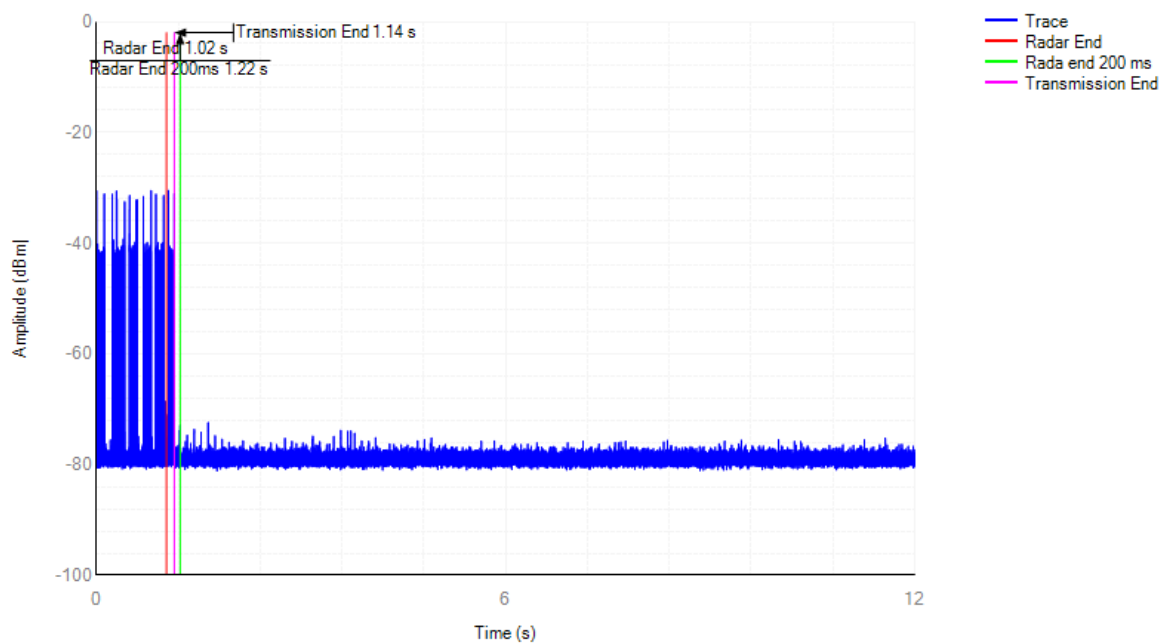
Shutdown Time

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
a	5320	0.1137	10	0.0092	0.26	0	0.06	Pass
a	5500	0.2161	10	0.014	0.26	0.0036	0.06	Pass

Test Graphs

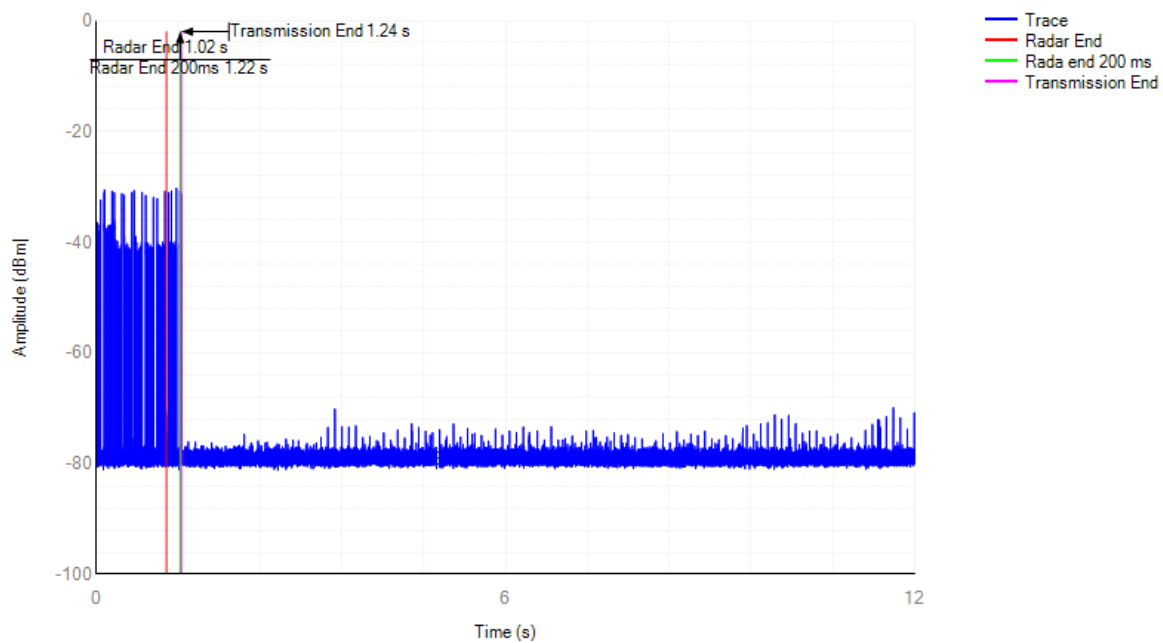
a 5320MHz Shutdown

Channel Shutdown



a 5500MHz Shutdown

Channel Shutdown



END