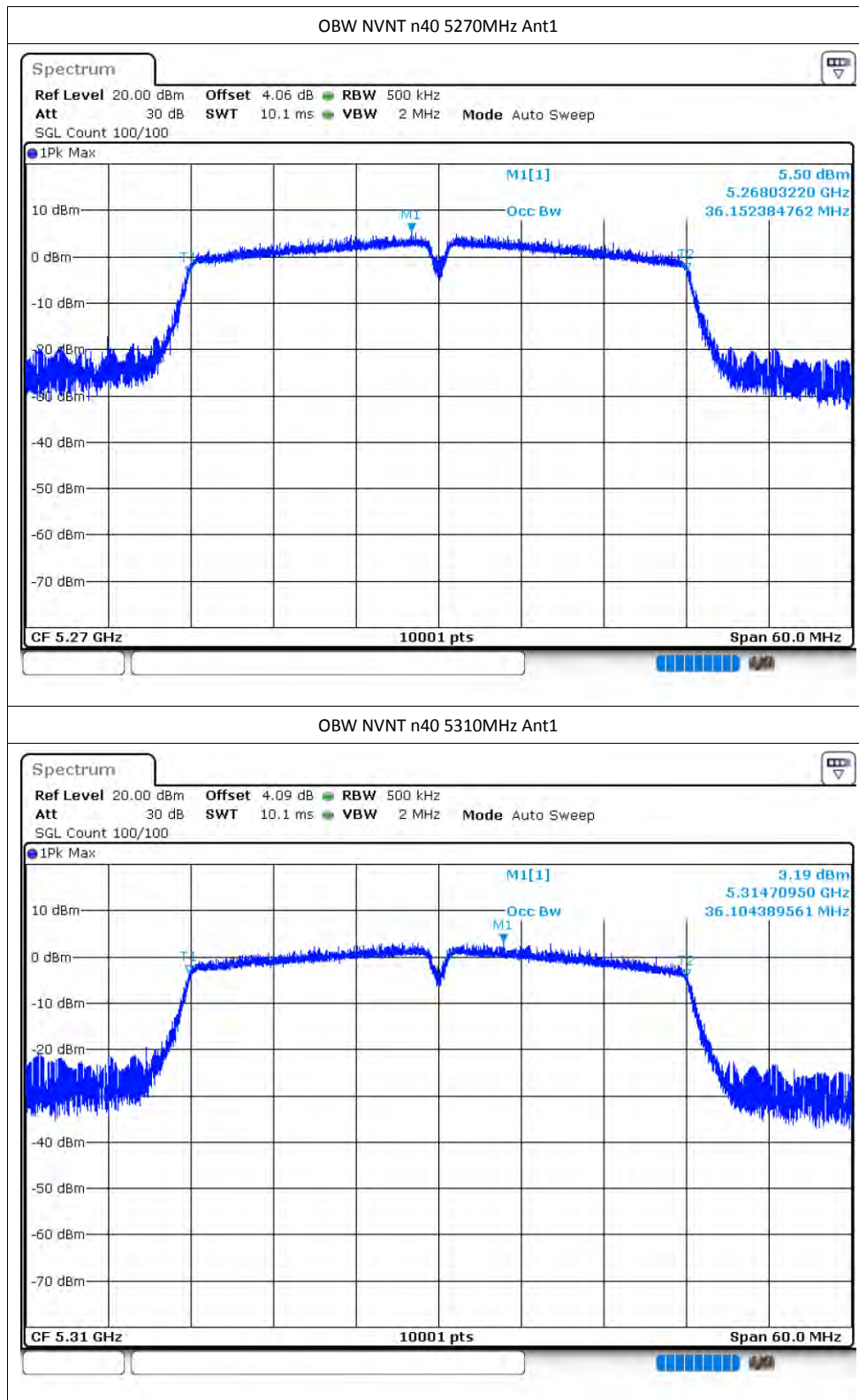
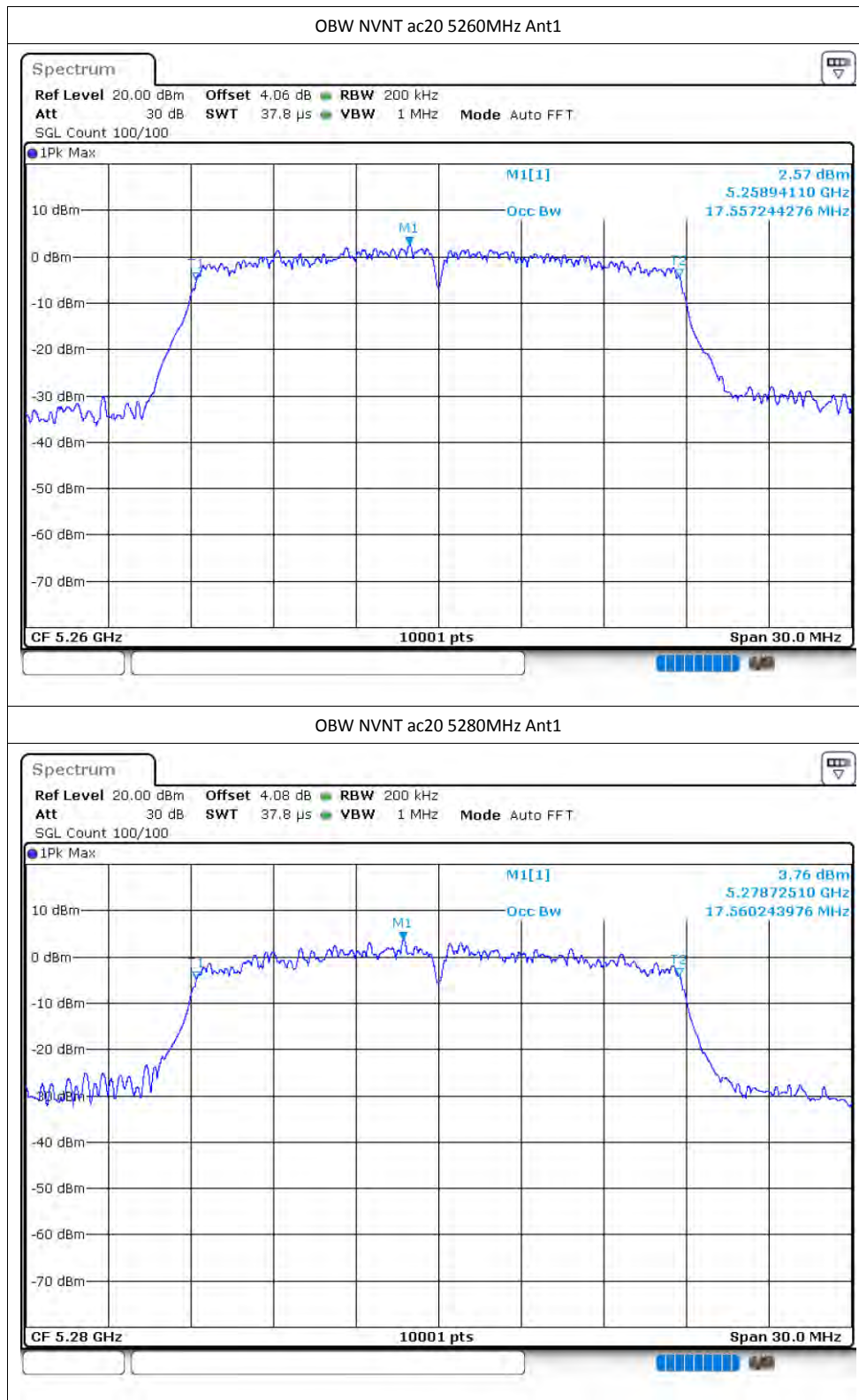
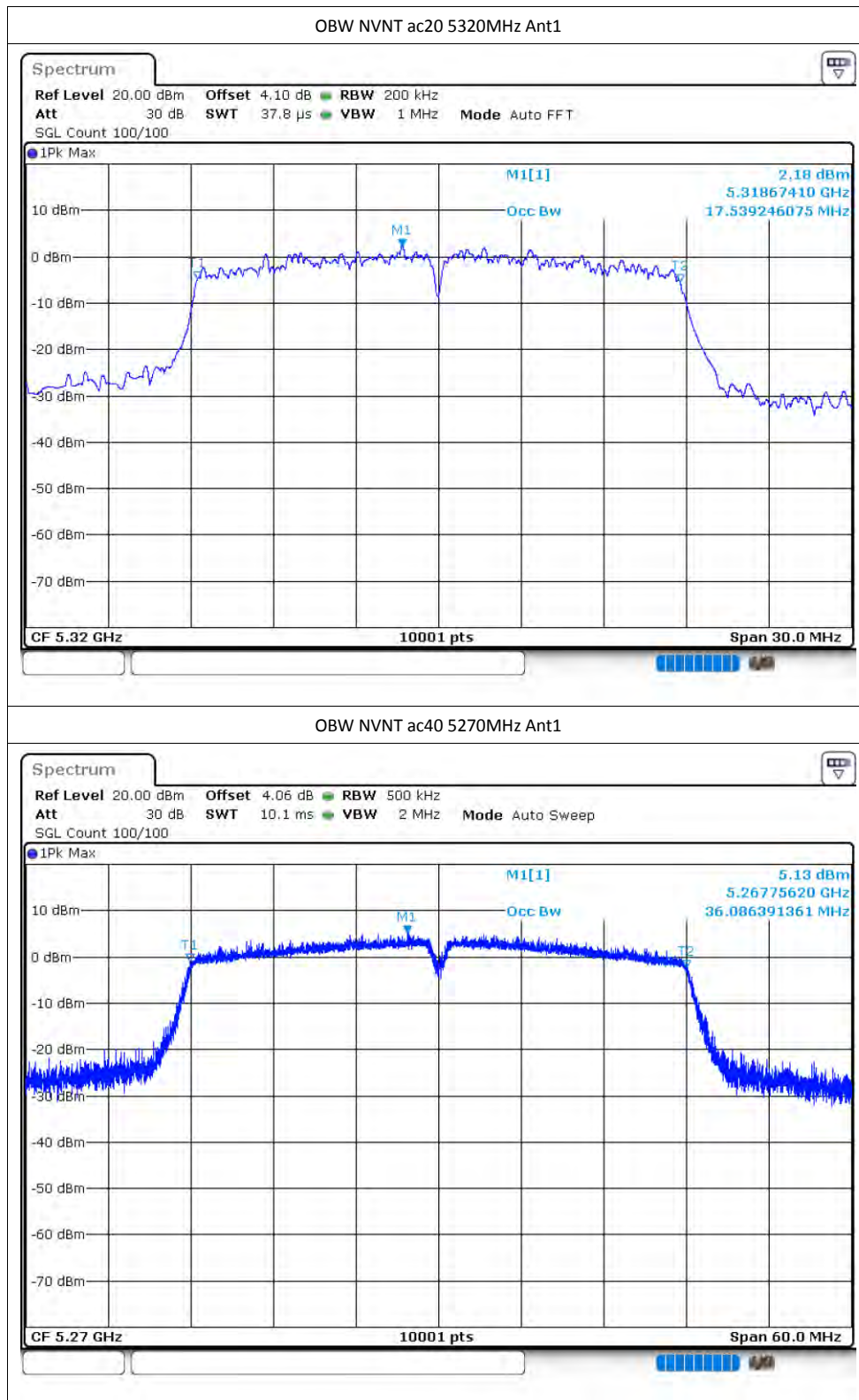
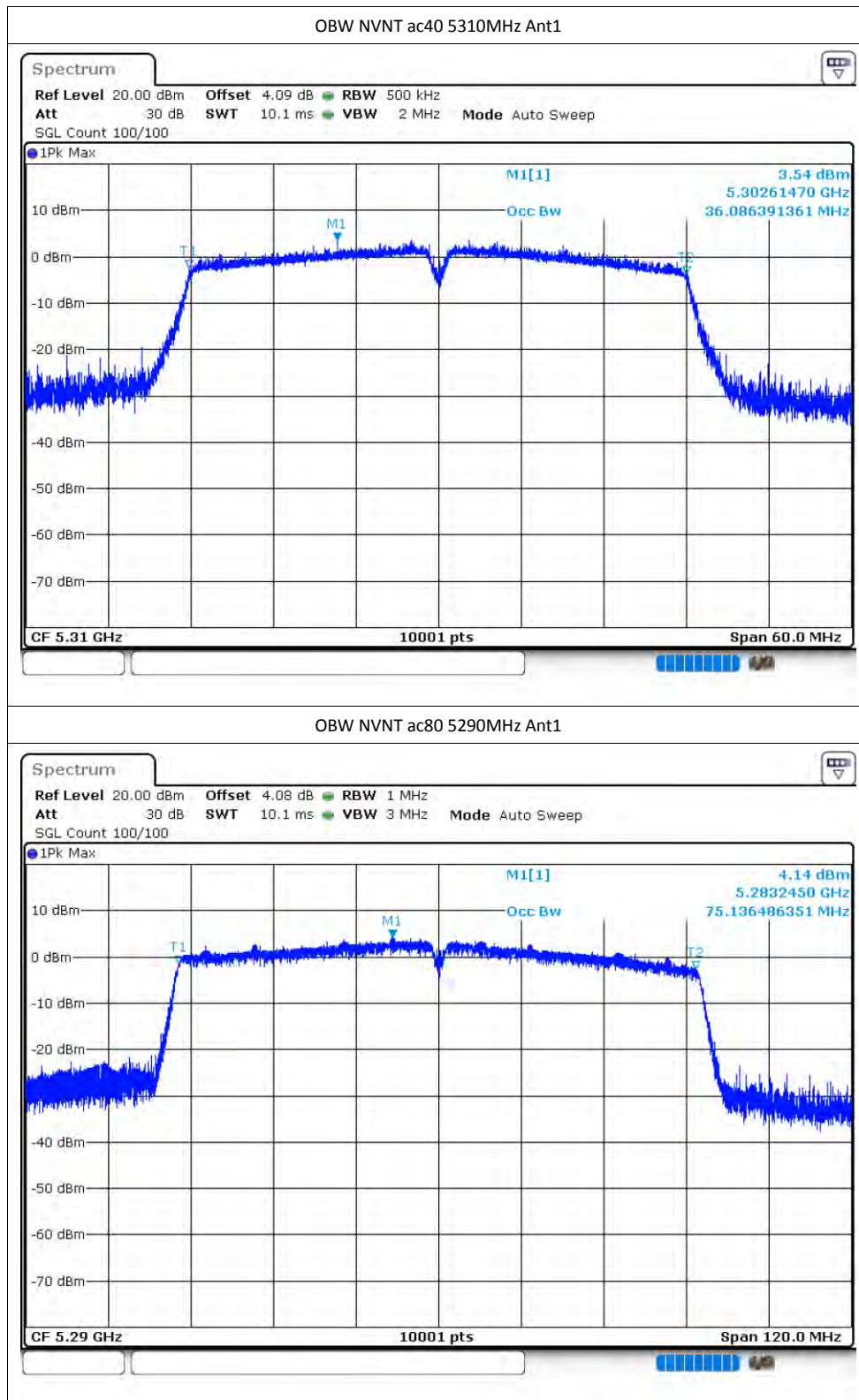








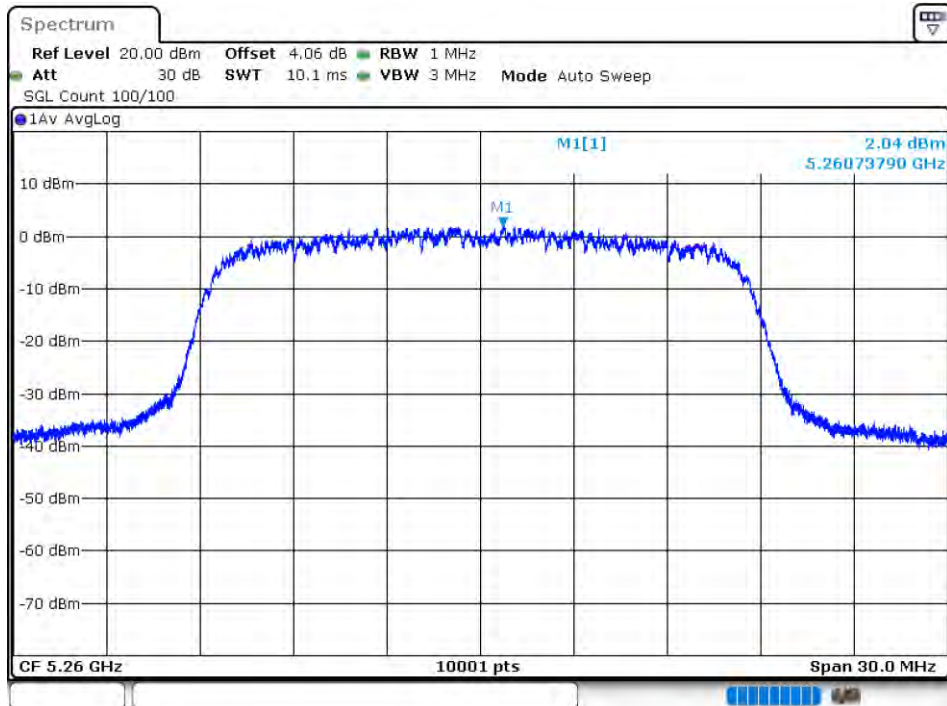


Maximum Power Spectral Density Level

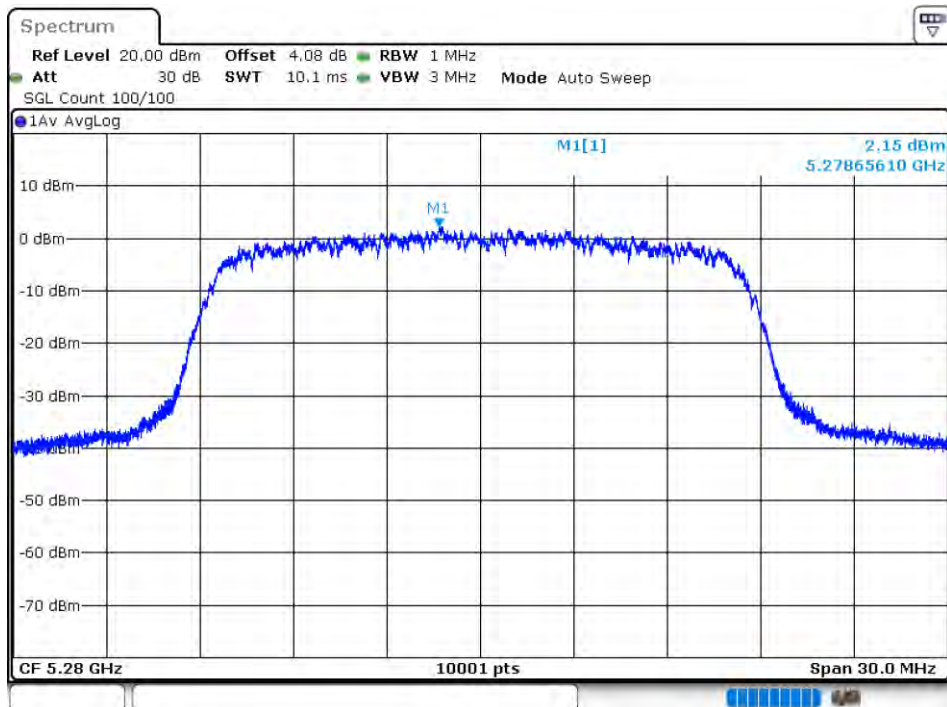
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	2.04	0.08	2.12	11	Pass
NVNT	a	5280	Ant1	2.15	0.08	2.23	11	Pass
NVNT	a	5320	Ant1	1.48	0.08	1.56	11	Pass
NVNT	n20	5260	Ant1	2.19	0.09	2.28	11	Pass
NVNT	n20	5280	Ant1	2.05	0.09	2.14	11	Pass
NVNT	n20	5320	Ant1	1.01	0.09	1.1	11	Pass
NVNT	n40	5270	Ant1	-1.68	0.16	-1.52	11	Pass
NVNT	n40	5310	Ant1	-2.95	0.16	-2.79	11	Pass
NVNT	ac20	5260	Ant1	1.73	0.09	1.82	11	Pass
NVNT	ac20	5280	Ant1	2.01	0.08	2.09	11	Pass
NVNT	ac20	5320	Ant1	0.88	0.08	0.96	11	Pass
NVNT	ac40	5270	Ant1	-1.57	0.16	-1.41	11	Pass
NVNT	ac40	5310	Ant1	-3.06	0.16	-2.9	11	Pass
NVNT	ac80	5290	Ant1	-6.87	0.31	-6.56	11	Pass

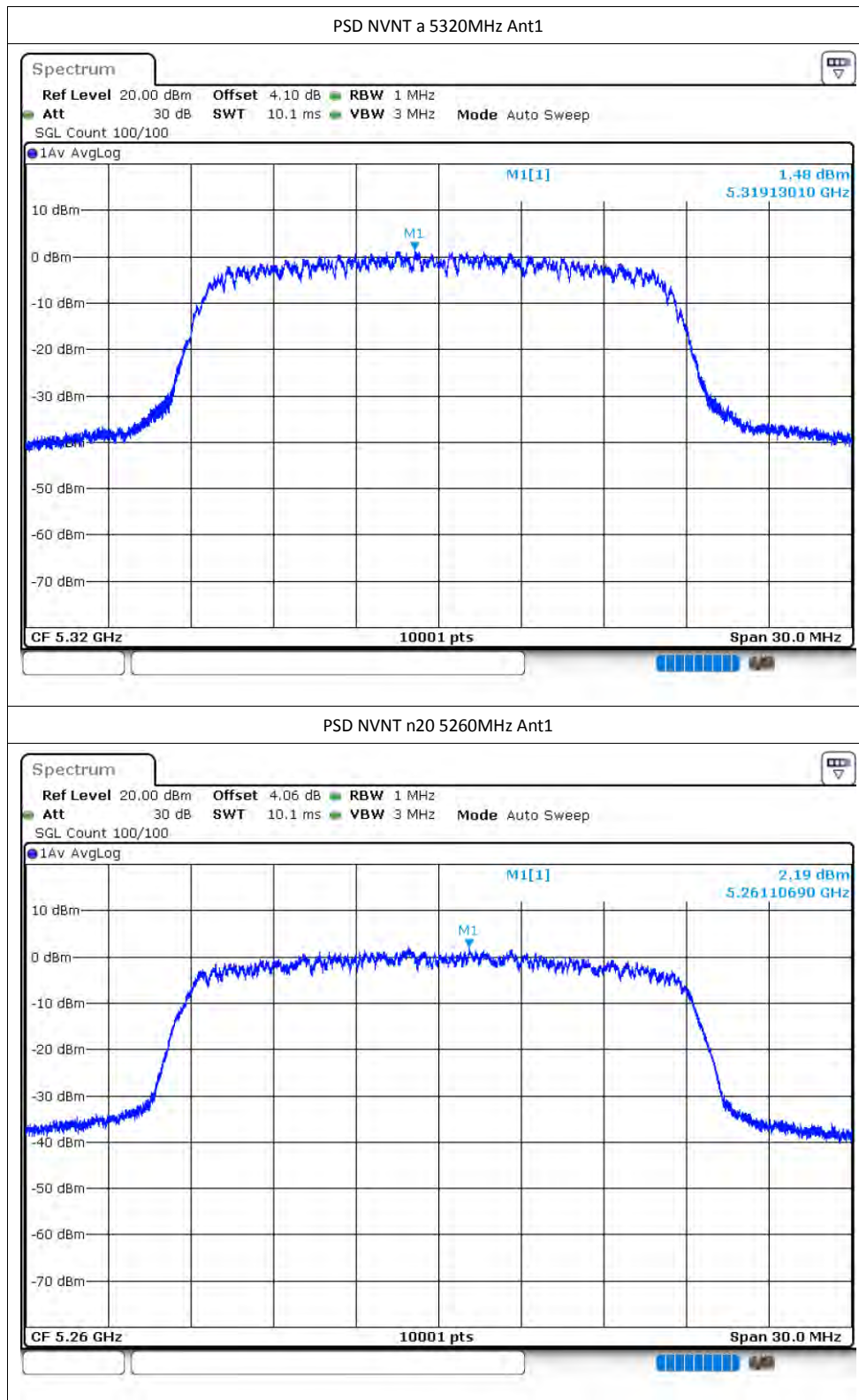
Test Graphs

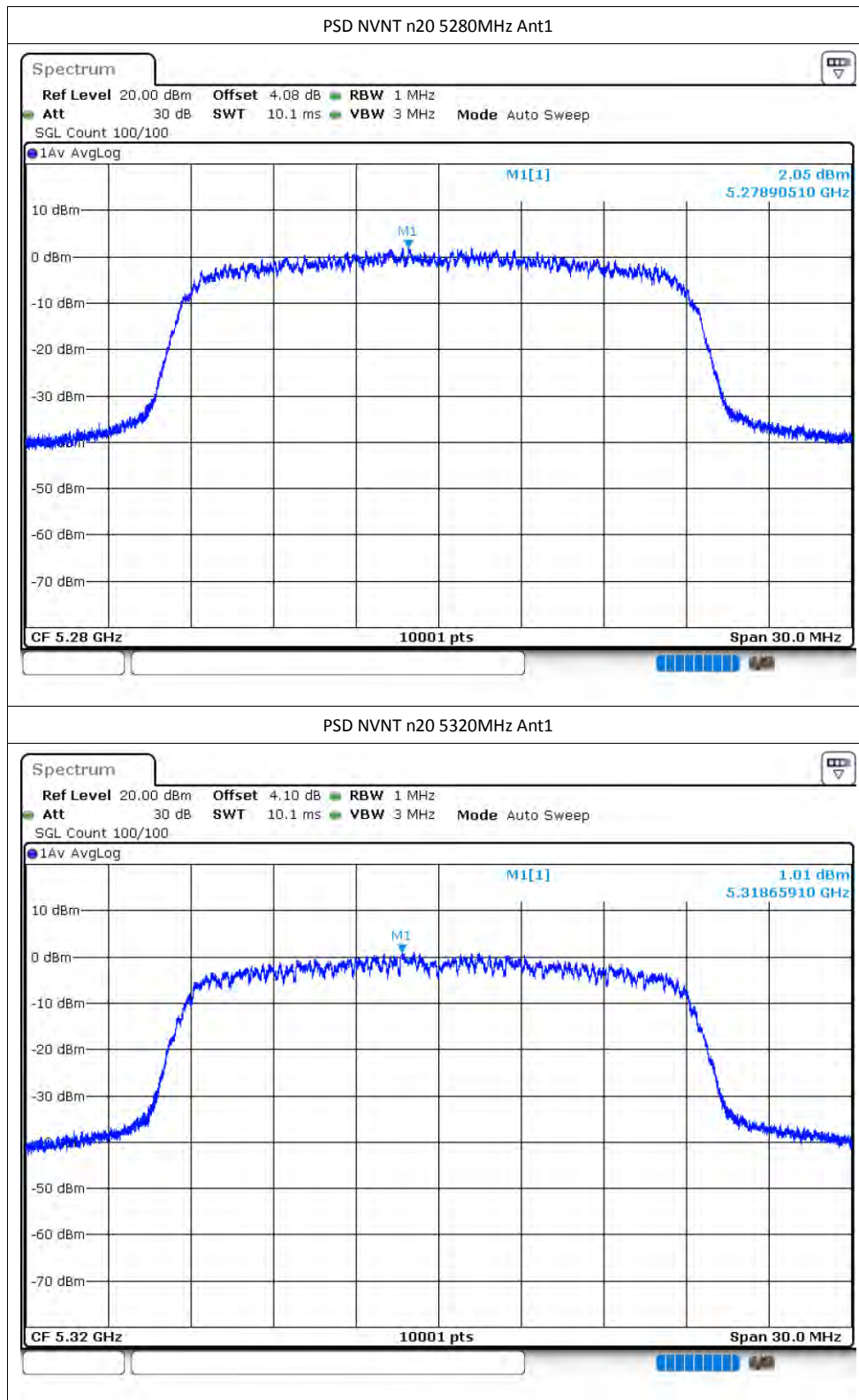
PSD NVNT a 5260MHz Ant1

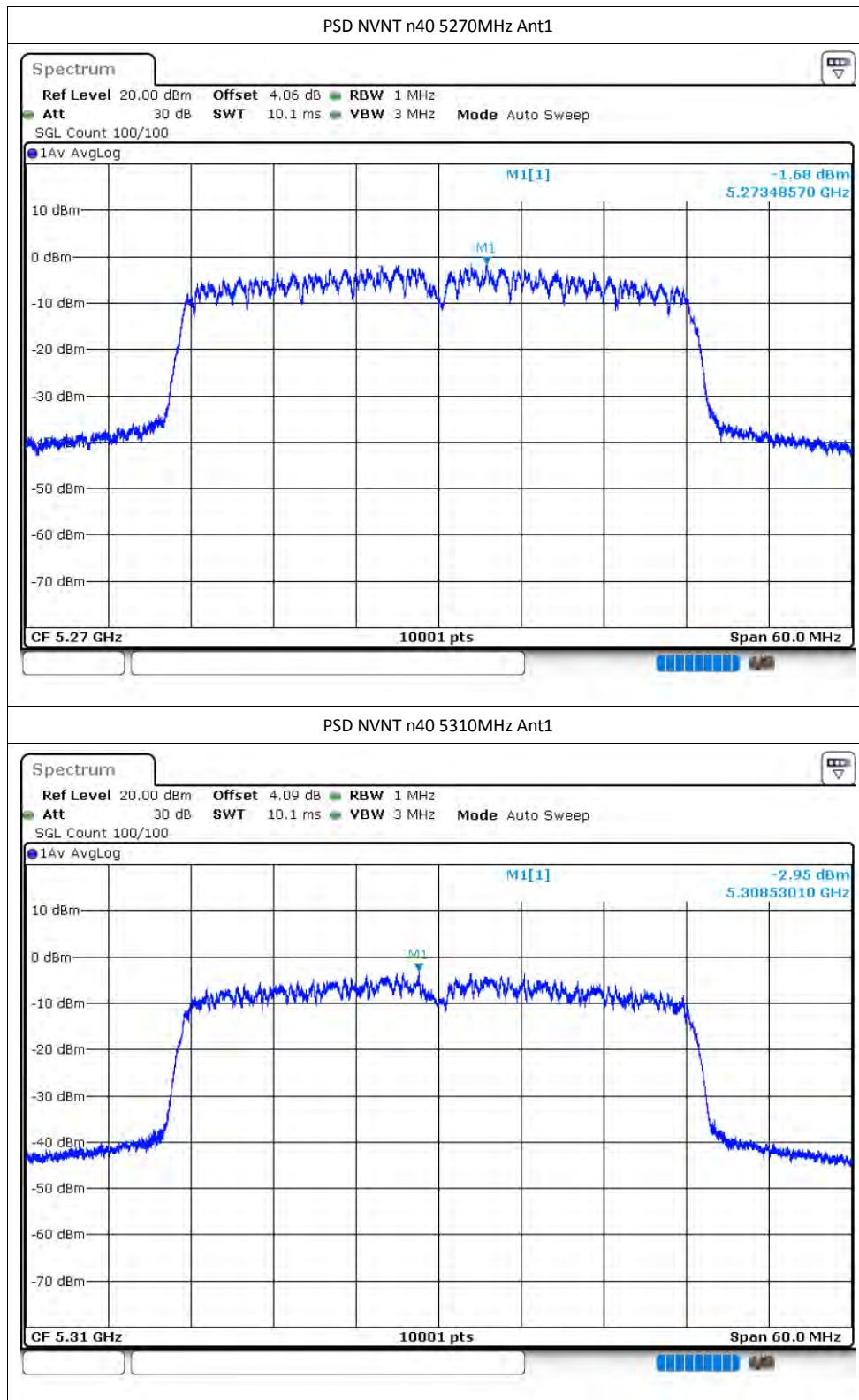


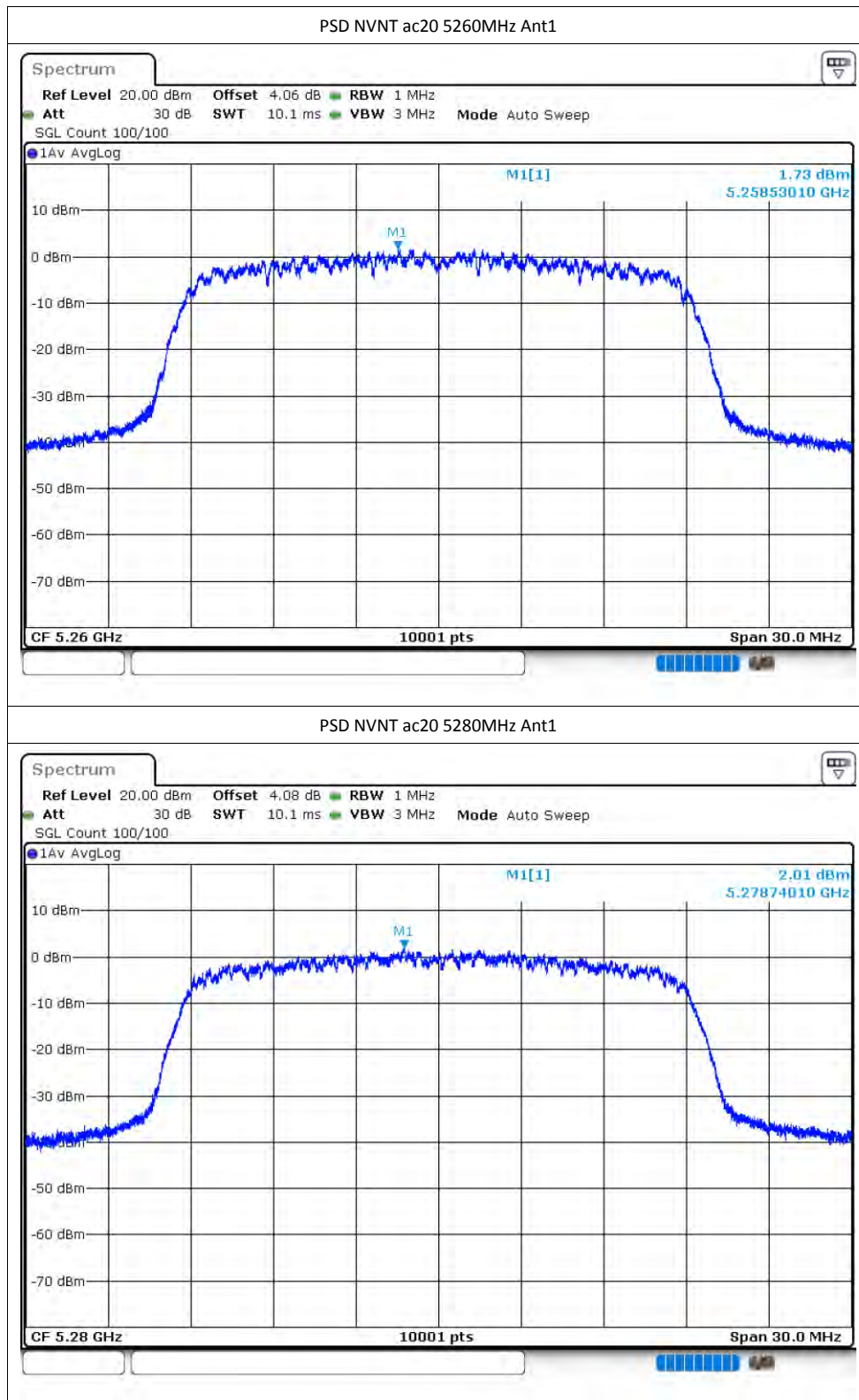
PSD NVNT a 5280MHz Ant1

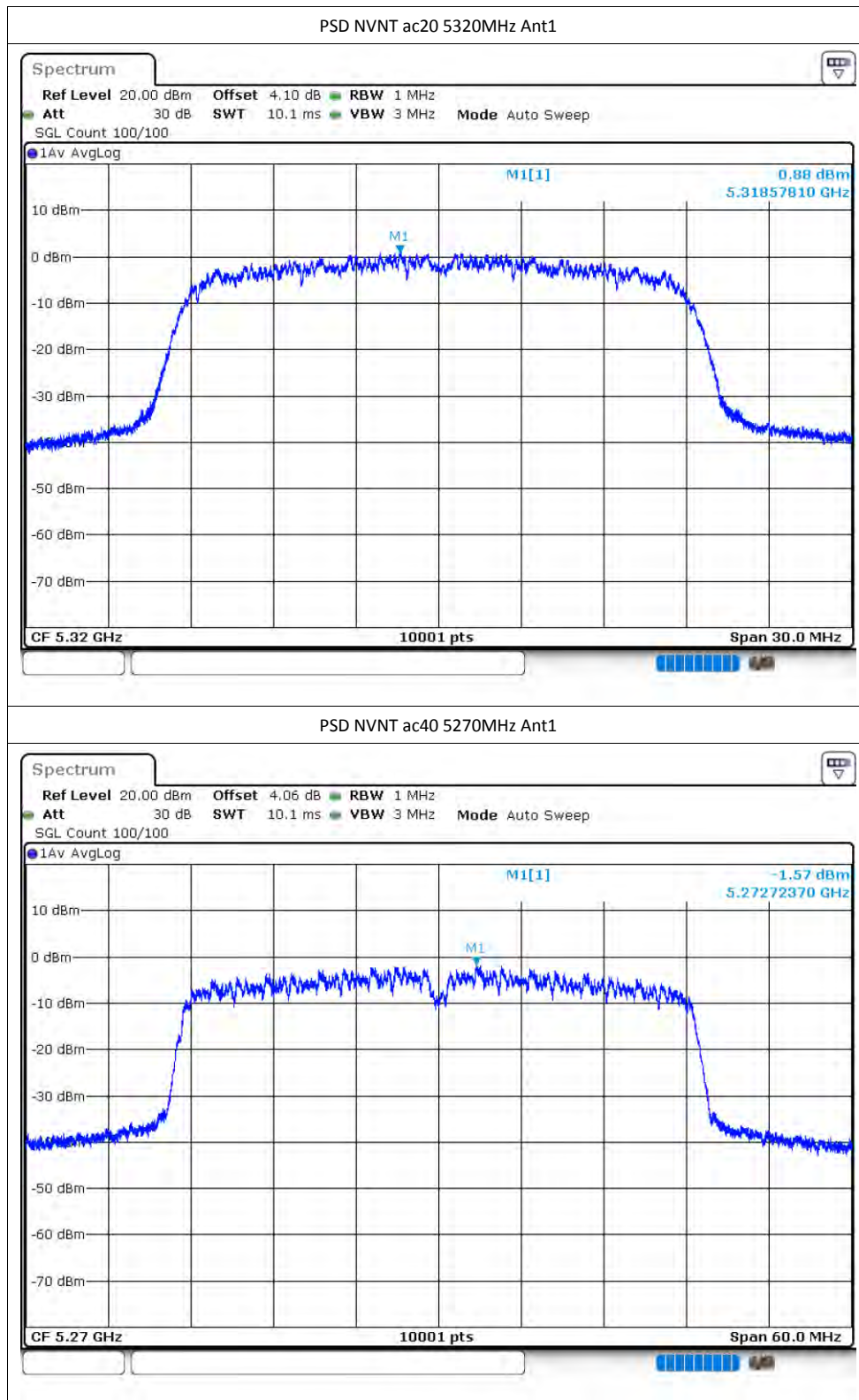


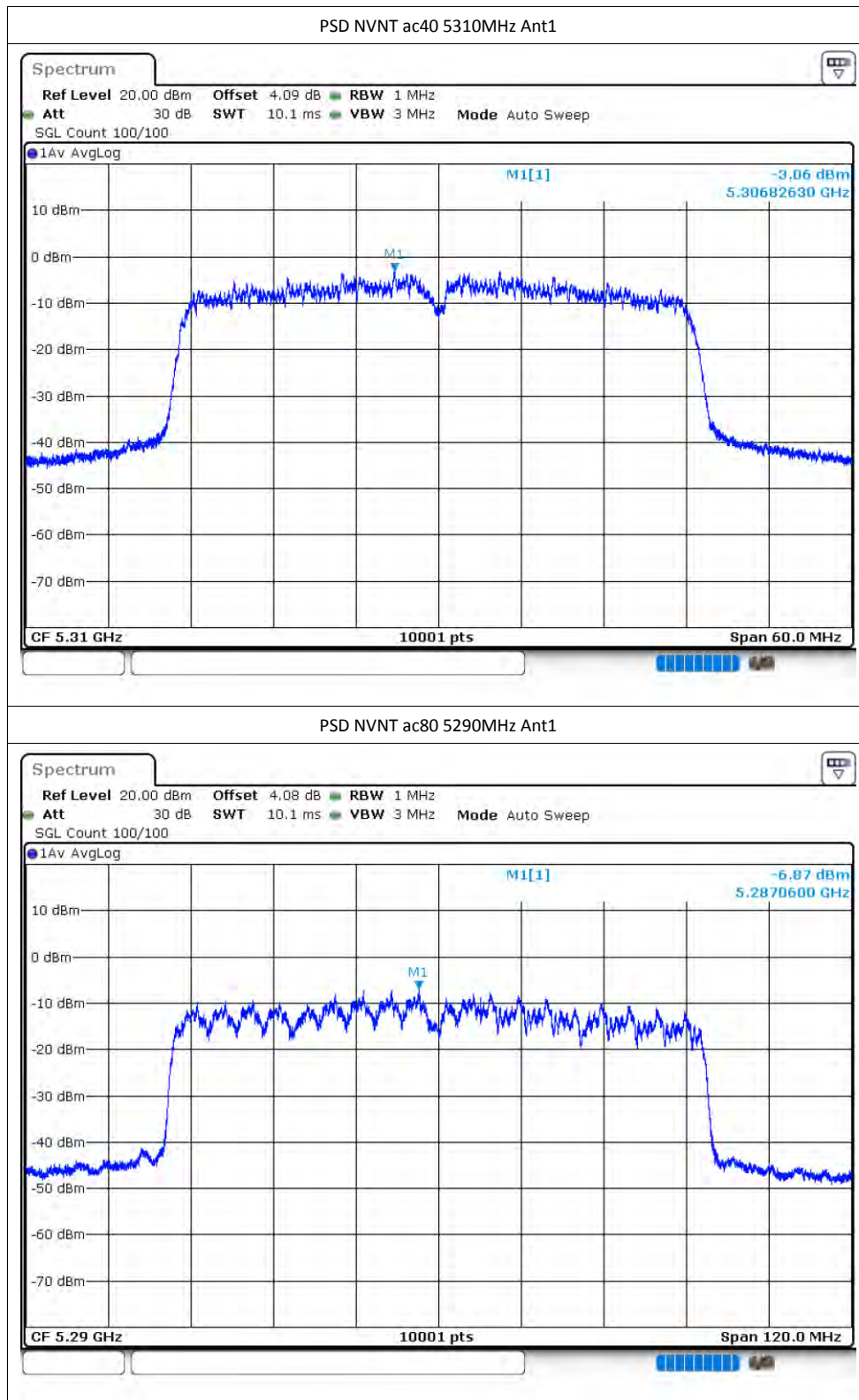












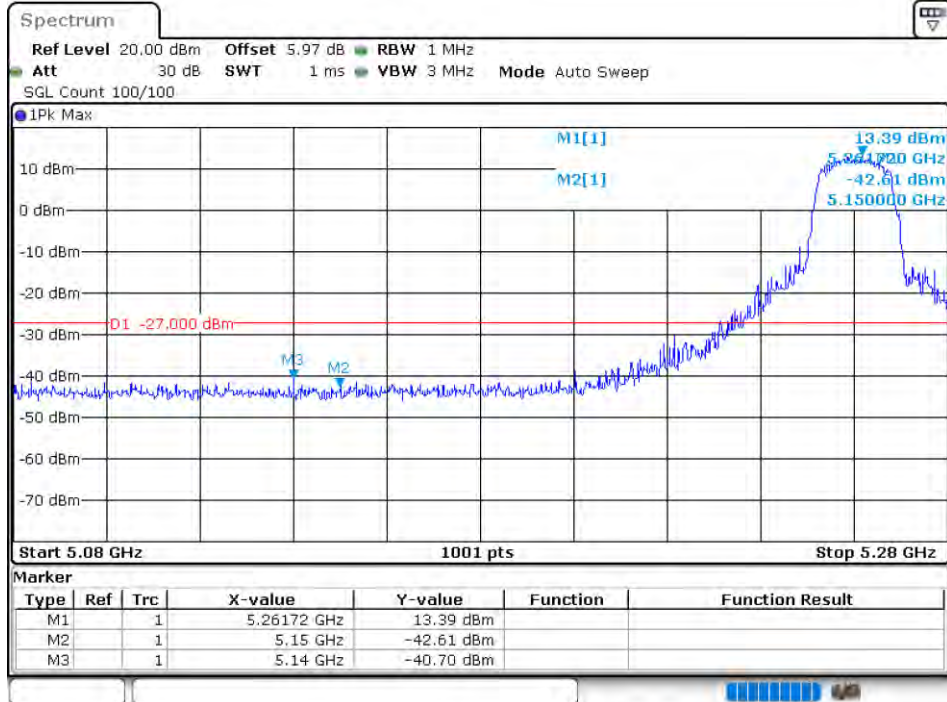
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-40.69	-27	Pass
NVNT	a	5320	Ant1	-28.44	-27	Pass
NVNT	n20	5260	Ant1	-41.23	-27	Pass
NVNT	n20	5320	Ant1	-31.53	-27	Pass
NVNT	n40	5270	Ant1	-41.41	-27	Pass
NVNT	n40	5310	Ant1	-27.18	-27	Pass
NVNT	ac20	5260	Ant1	-40.76	-27	Pass
NVNT	ac20	5320	Ant1	-28.26	-27	Pass
NVNT	ac40	5270	Ant1	-40.38	-27	Pass
NVNT	ac40	5310	Ant1	-27.29	-27	Pass
NVNT	ac80	5290	Ant1	-28.82	-27	Pass
NVNT	ac80	5290	Ant1	-39	-27	Pass

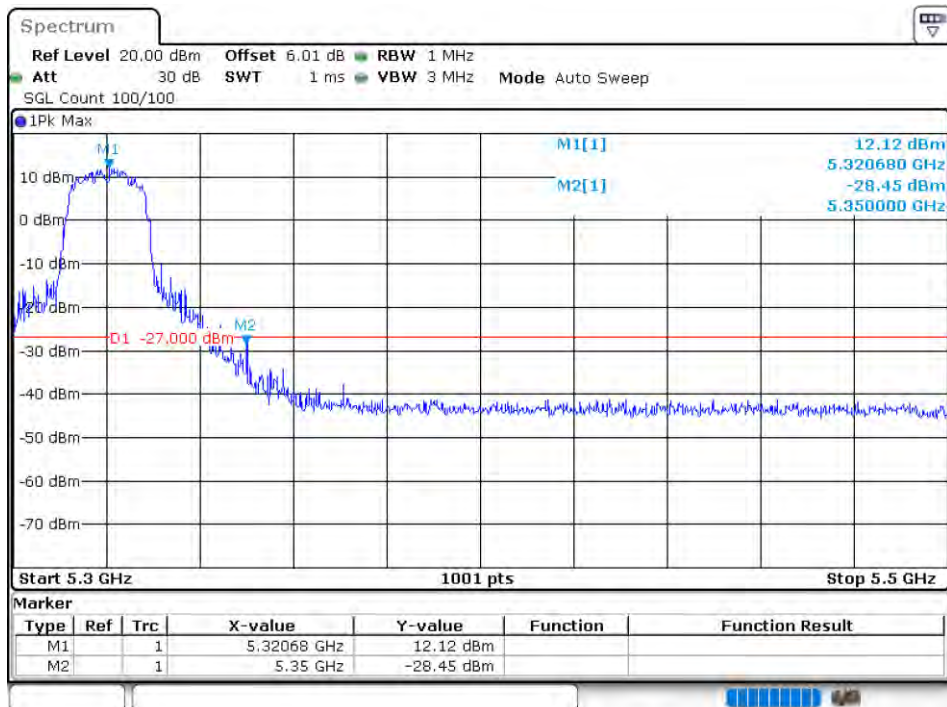
Note: This test has increased antenna gain .

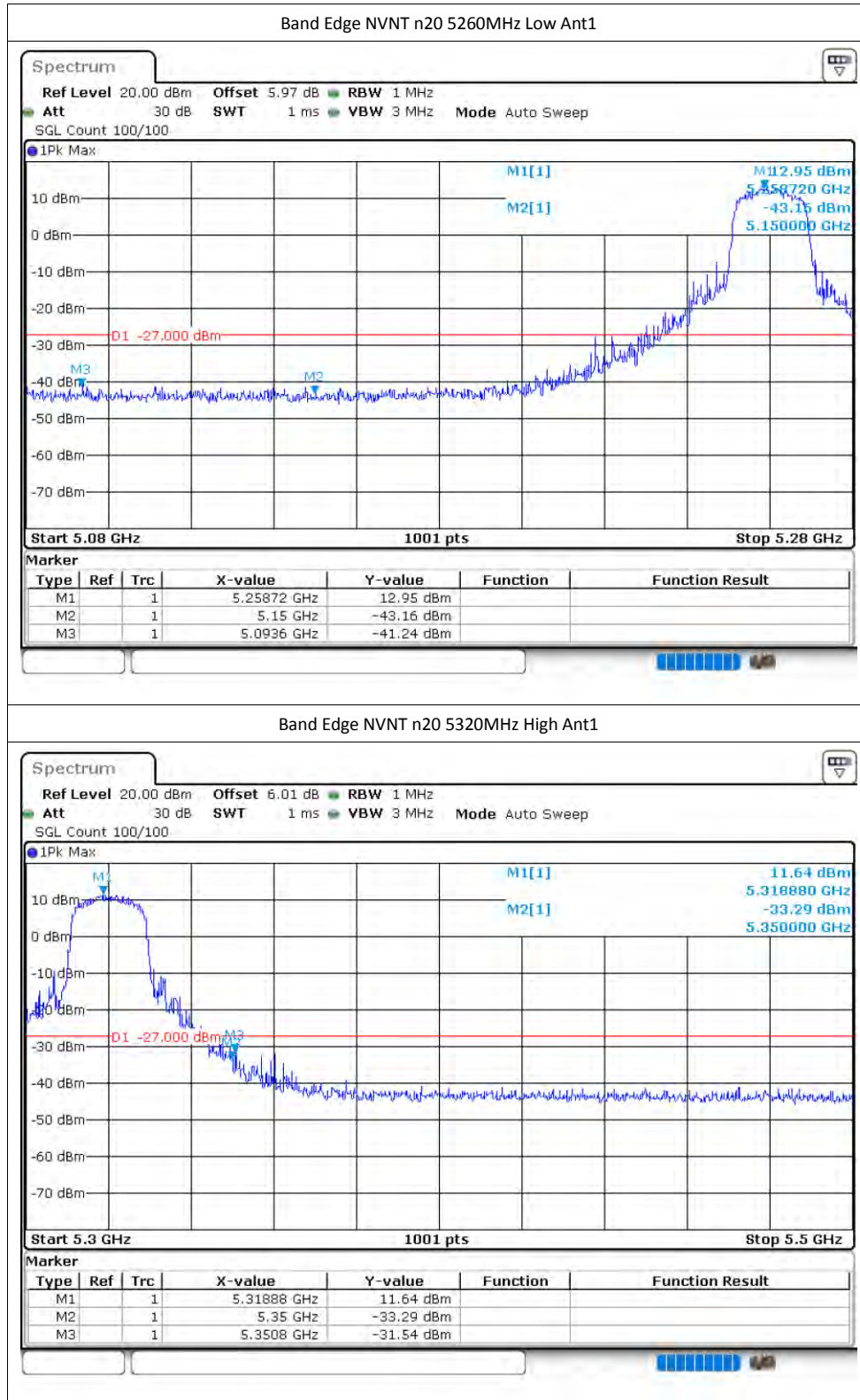
Test Graphs

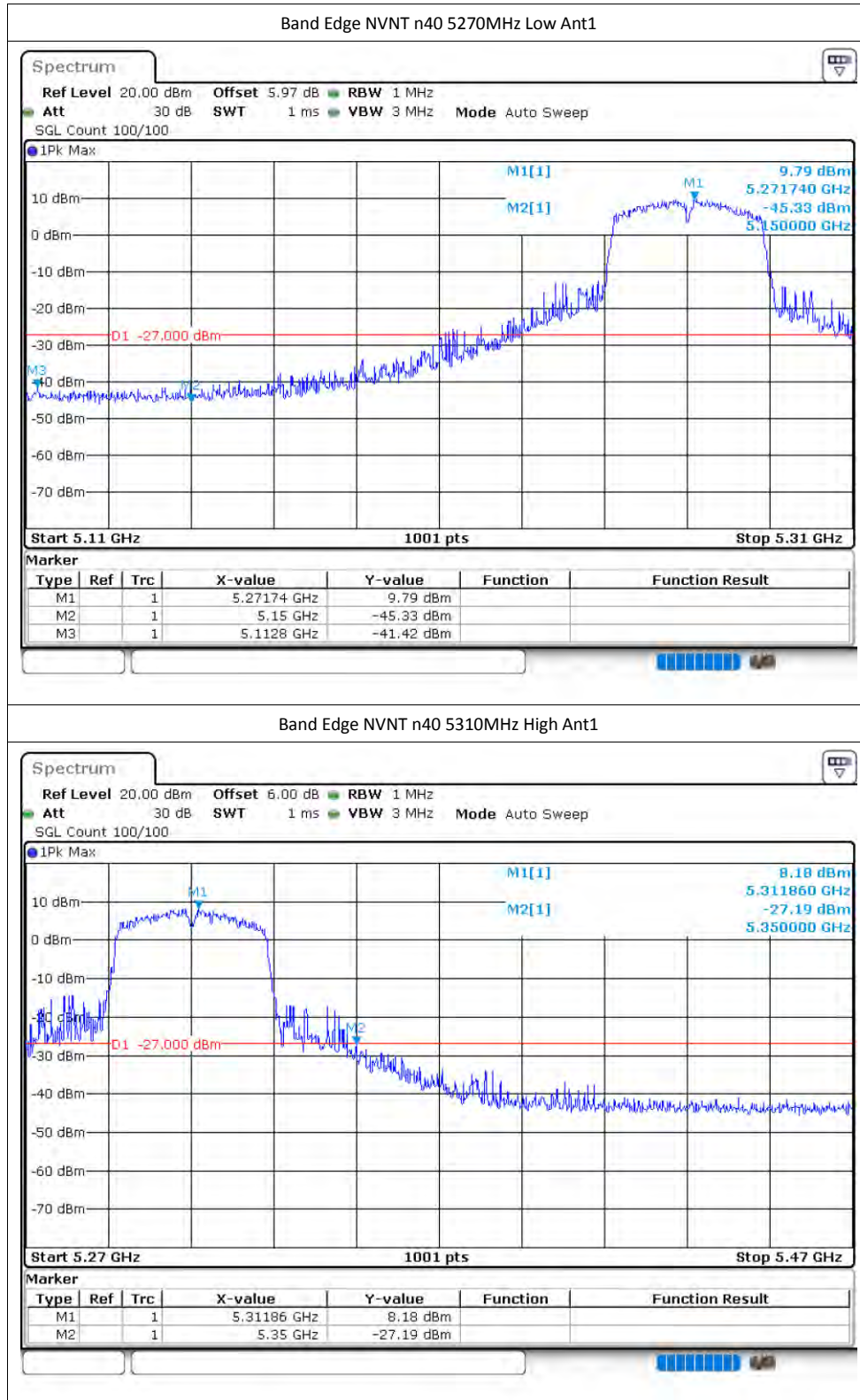
Band Edge NVNT a 5260MHz Low Ant1



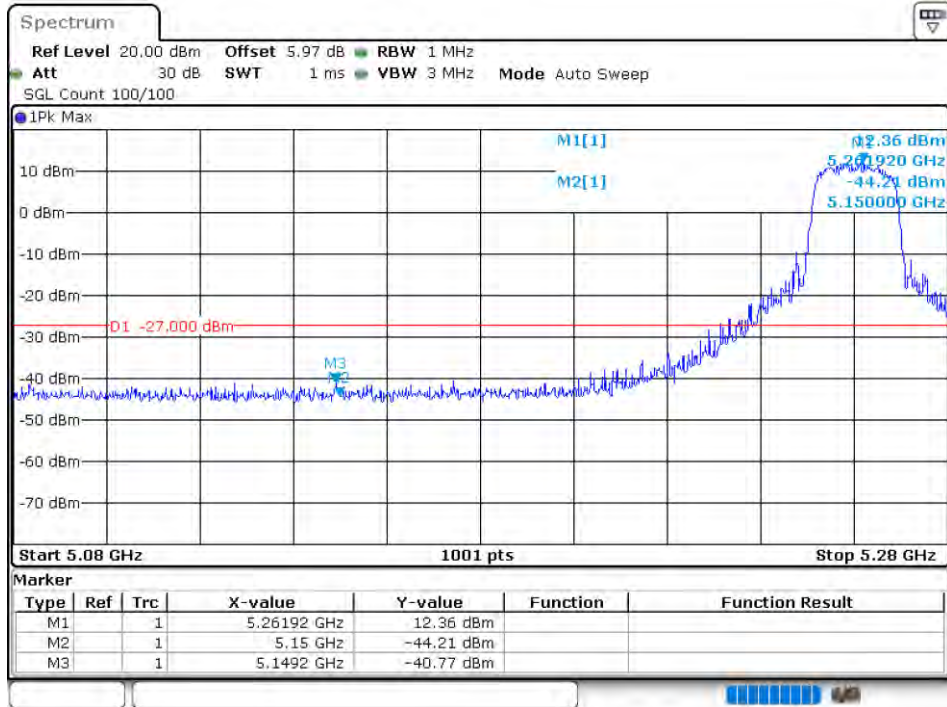
Band Edge NVNT a 5320MHz High Ant1







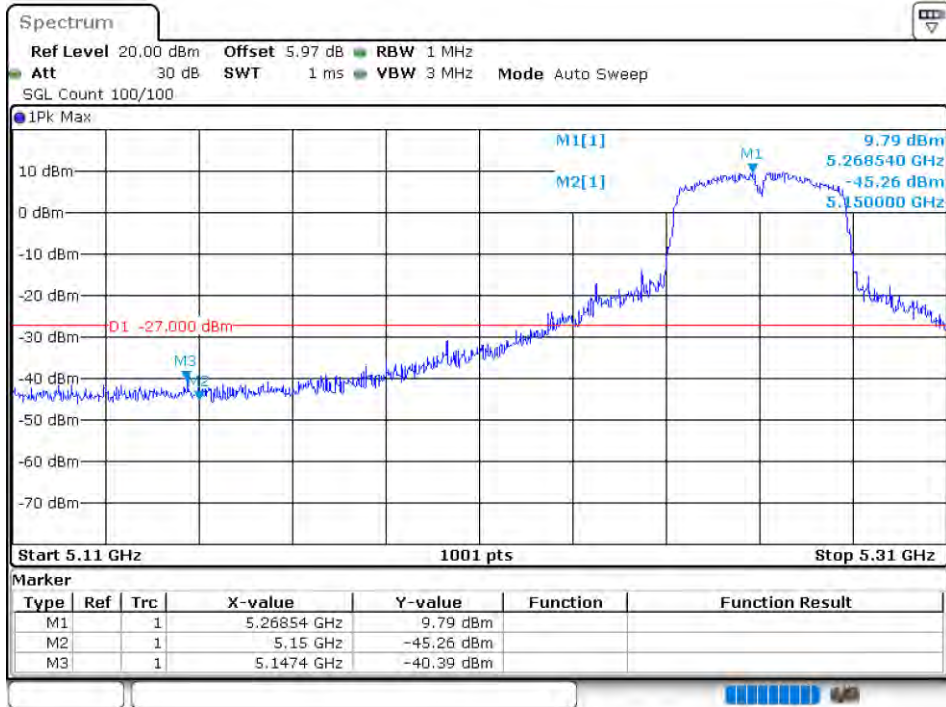
Band Edge NVNT ac20 5260MHz Low Ant1



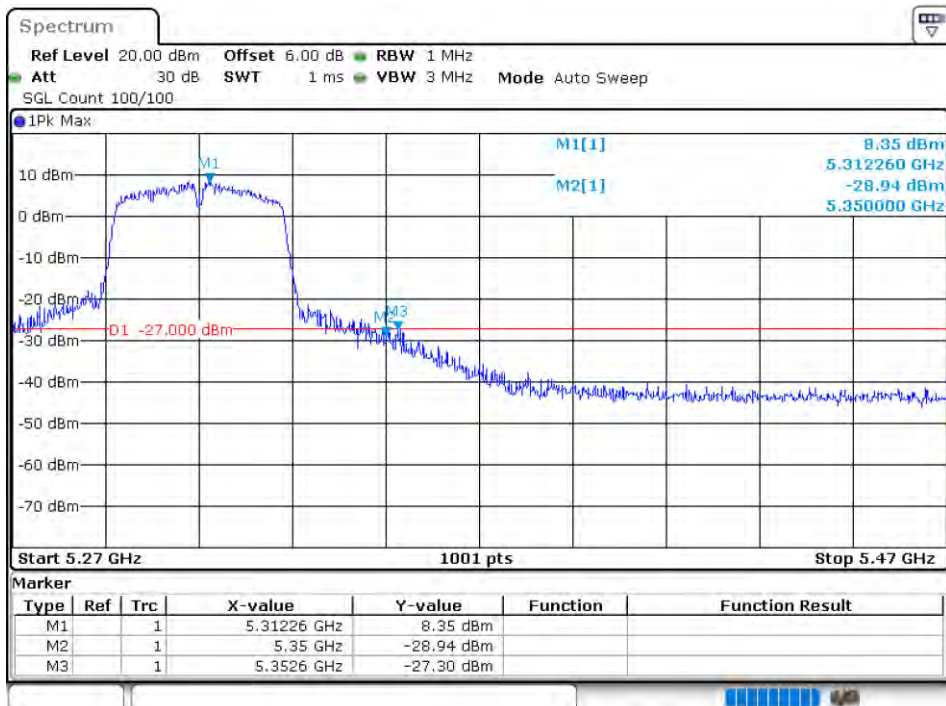
Band Edge NVNT ac20 5320MHz High Ant1

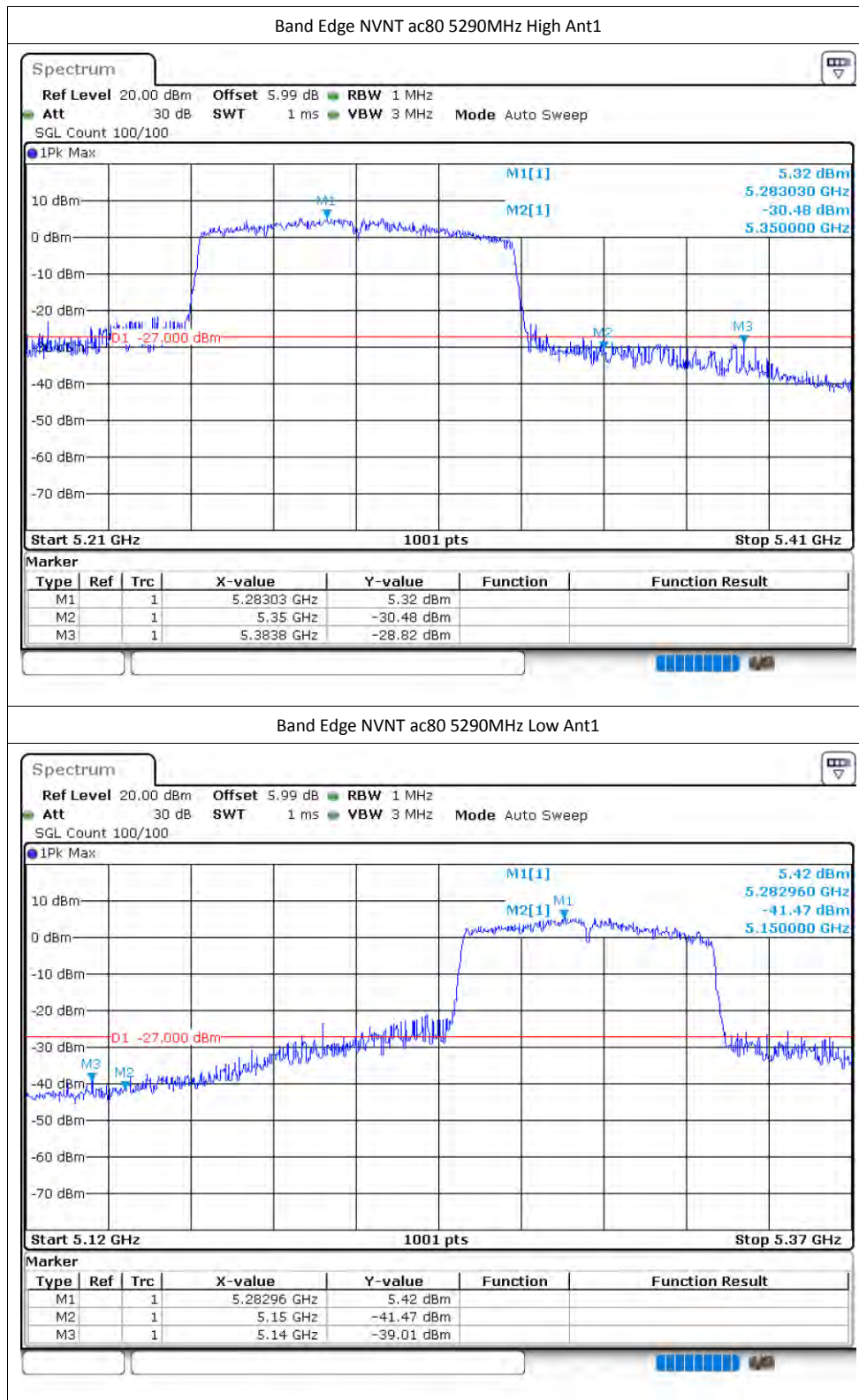


Band Edge NVNT ac40 5270MHz Low Ant1



Band Edge NVNT ac40 5310MHz High Ant1





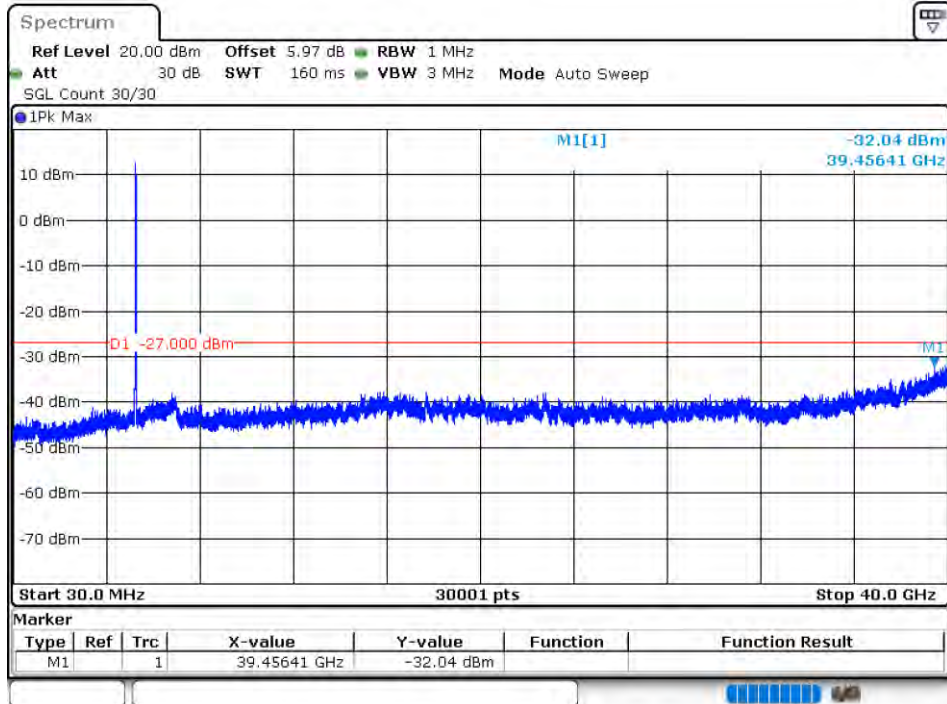
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-32.04	-27	Pass
NVNT	a	5280	Ant1	-31.31	-27	Pass
NVNT	a	5320	Ant1	-32.53	-27	Pass
NVNT	n20	5260	Ant1	-32.34	-27	Pass
NVNT	n20	5280	Ant1	-32.47	-27	Pass
NVNT	n20	5320	Ant1	-31.72	-27	Pass
NVNT	n40	5270	Ant1	-32.91	-27	Pass
NVNT	n40	5310	Ant1	-32.98	-27	Pass
NVNT	ac20	5260	Ant1	-33.01	-27	Pass
NVNT	ac20	5280	Ant1	-32.12	-27	Pass
NVNT	ac20	5320	Ant1	-32.68	-27	Pass
NVNT	ac40	5270	Ant1	-33.29	-27	Pass
NVNT	ac40	5310	Ant1	-31.73	-27	Pass
NVNT	ac80	5290	Ant1	-32.84	-27	Pass

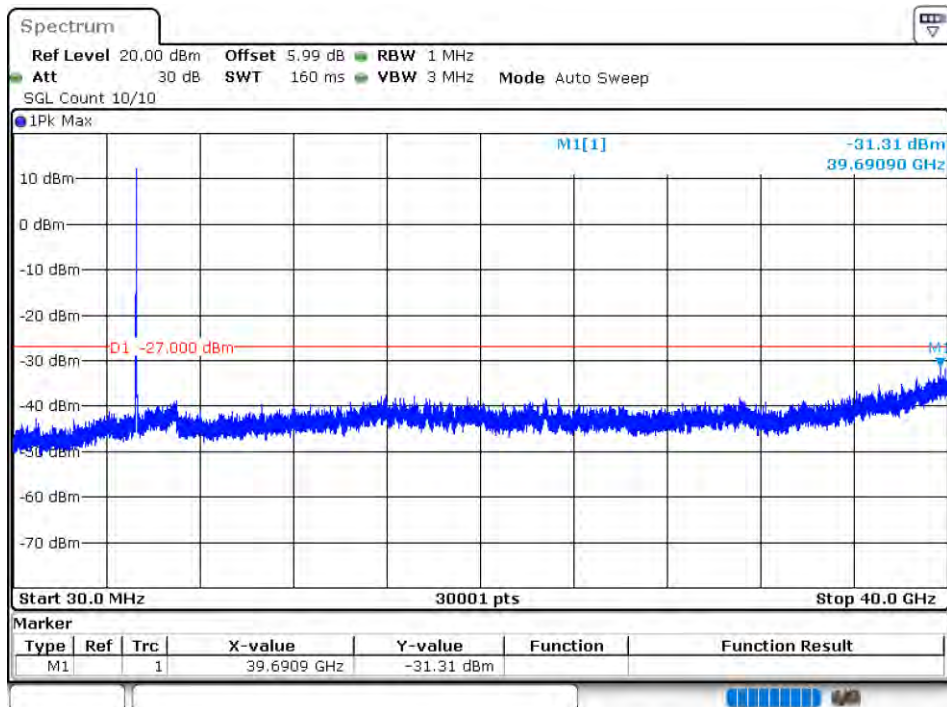
Note: This test has increased antenna gain .

Test Graphs

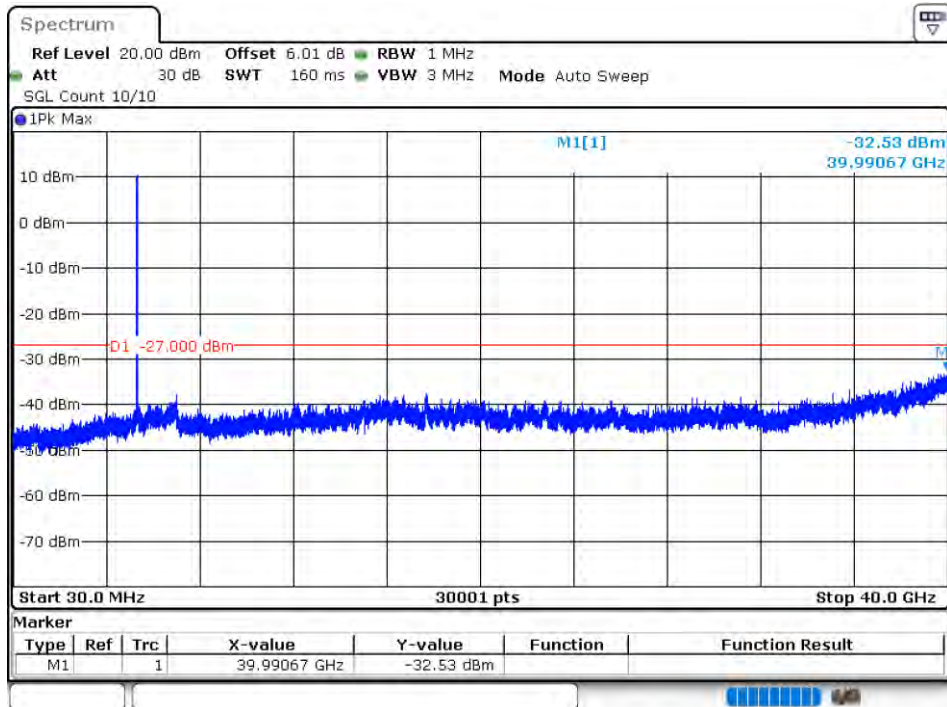
Tx. Spurious NVNT a 5260MHz Ant1 Emission



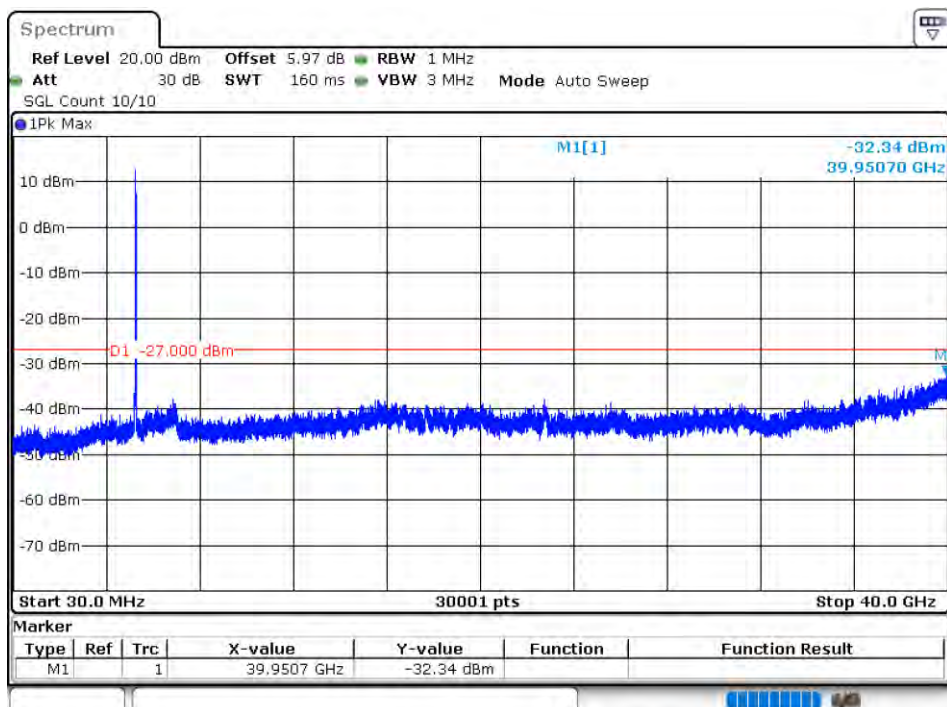
Tx. Spurious NVNT a 5280MHz Ant1 Emission



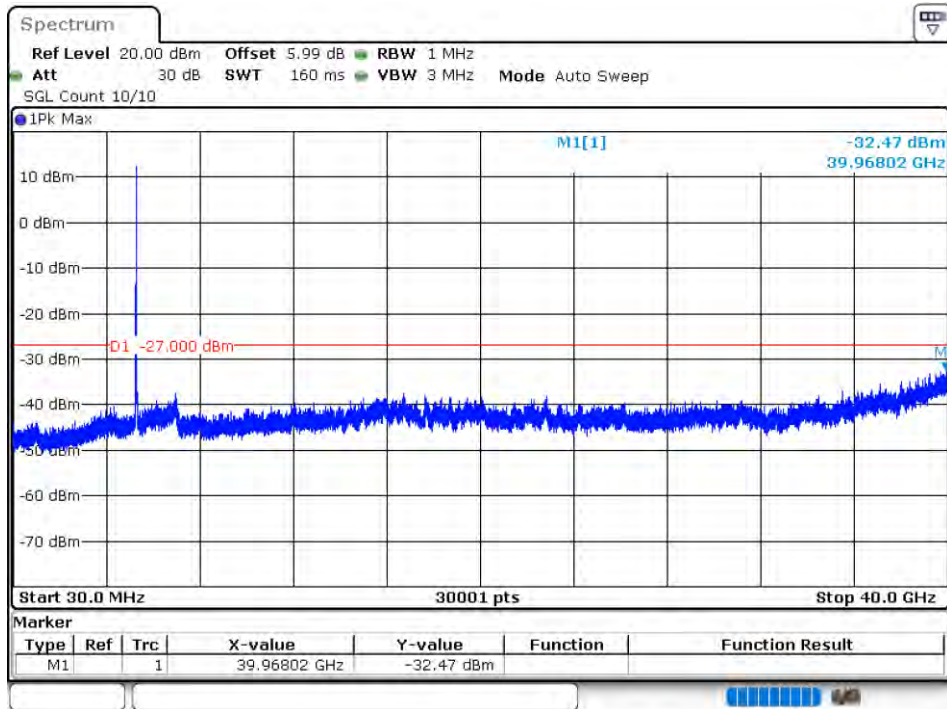
Tx. Spurious NVNT a 5320MHz Ant1 Emission



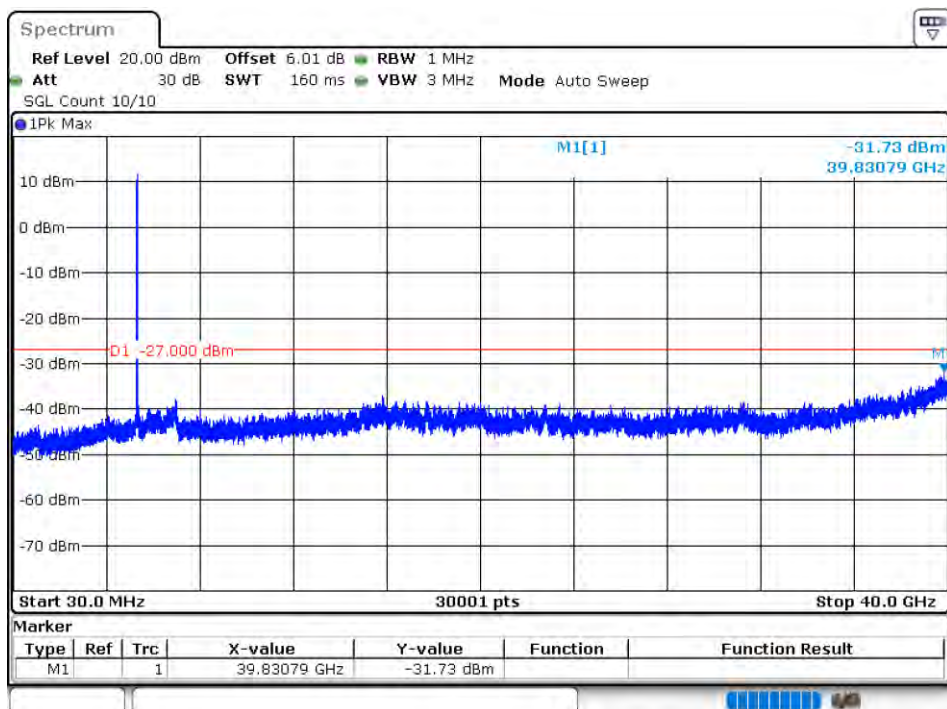
Tx. Spurious NVNT n20 5260MHz Ant1 Emission



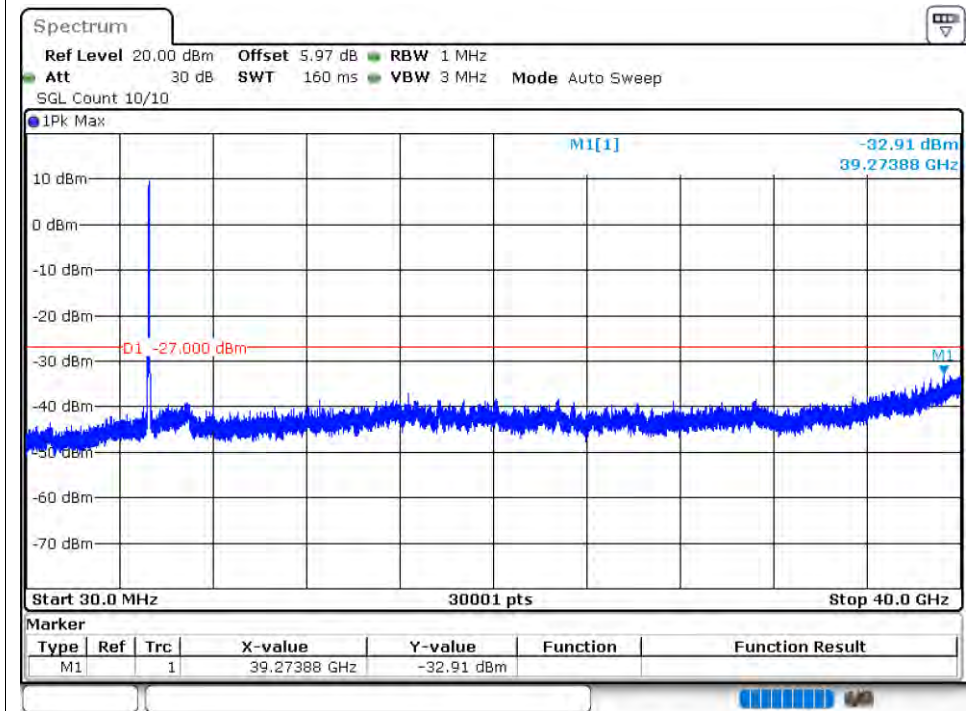
Tx. Spurious NVNT n20 5280MHz Ant1 Emission



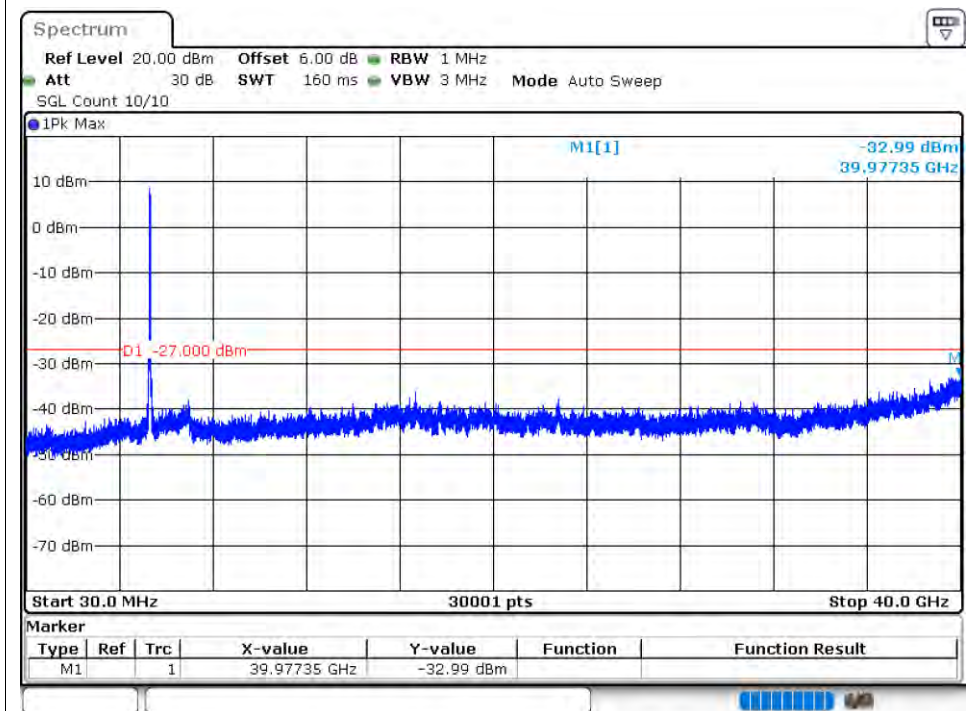
Tx. Spurious NVNT n20 5320MHz Ant1 Emission

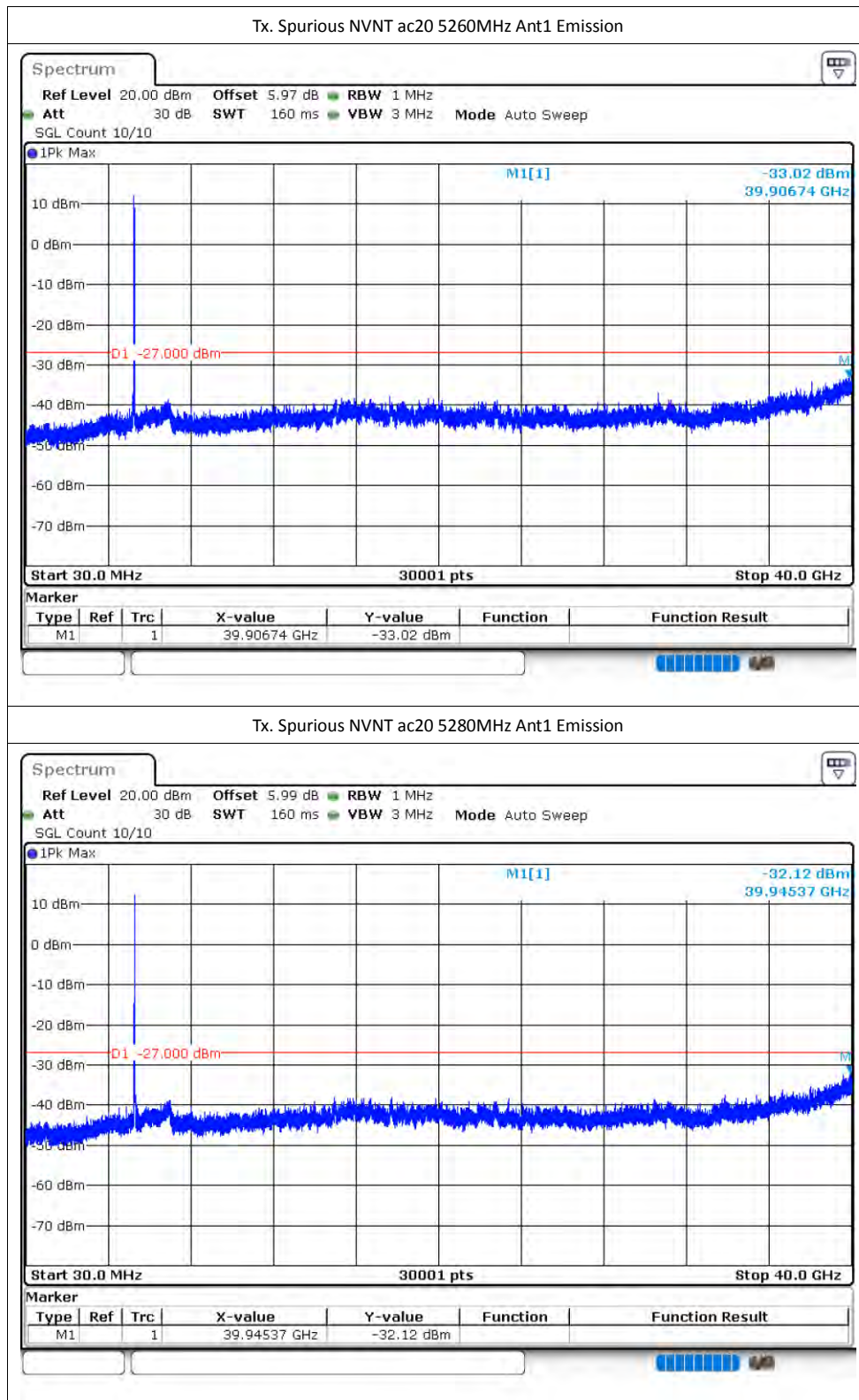


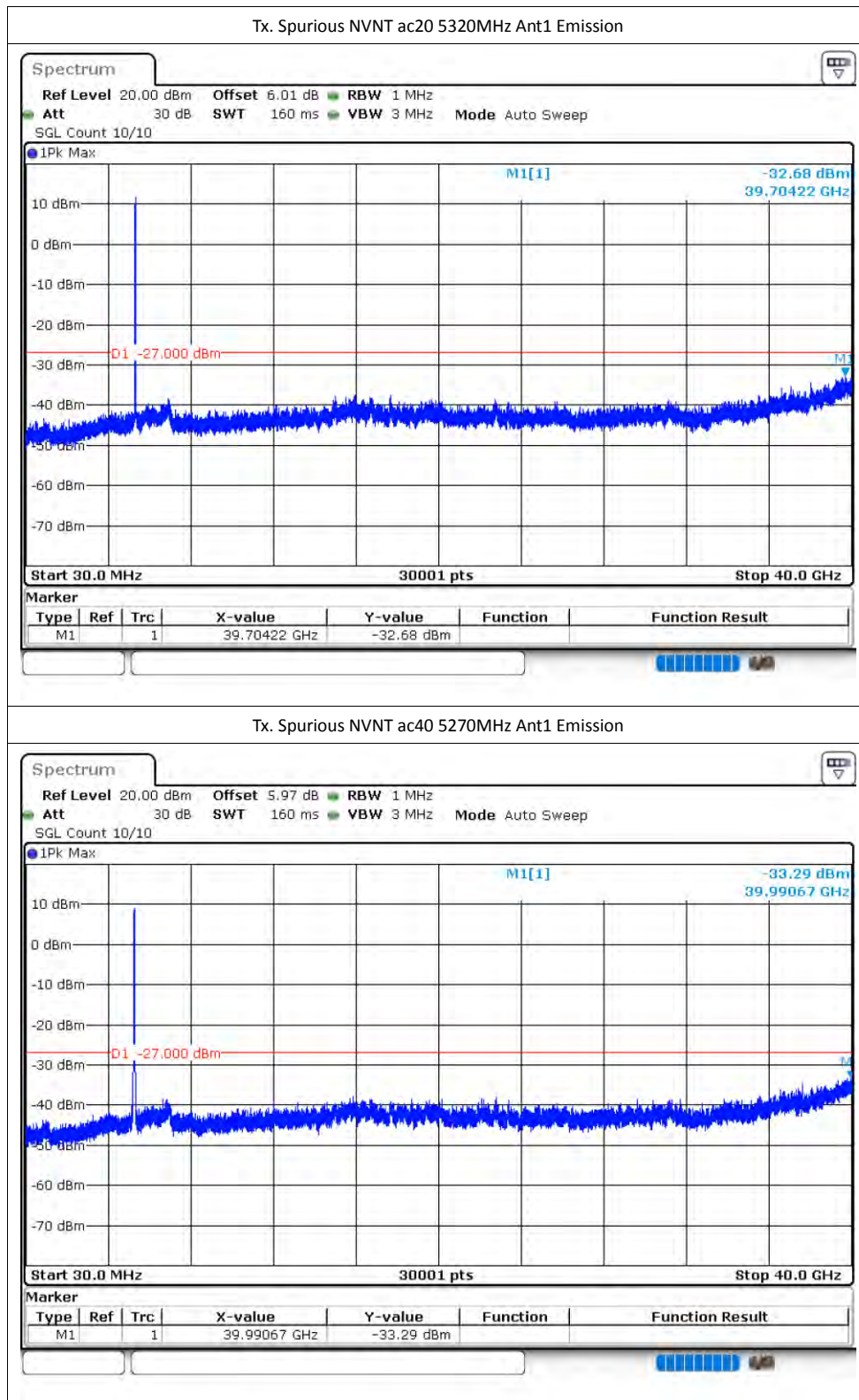
Tx. Spurious NVNT n40 5270MHz Ant1 Emission

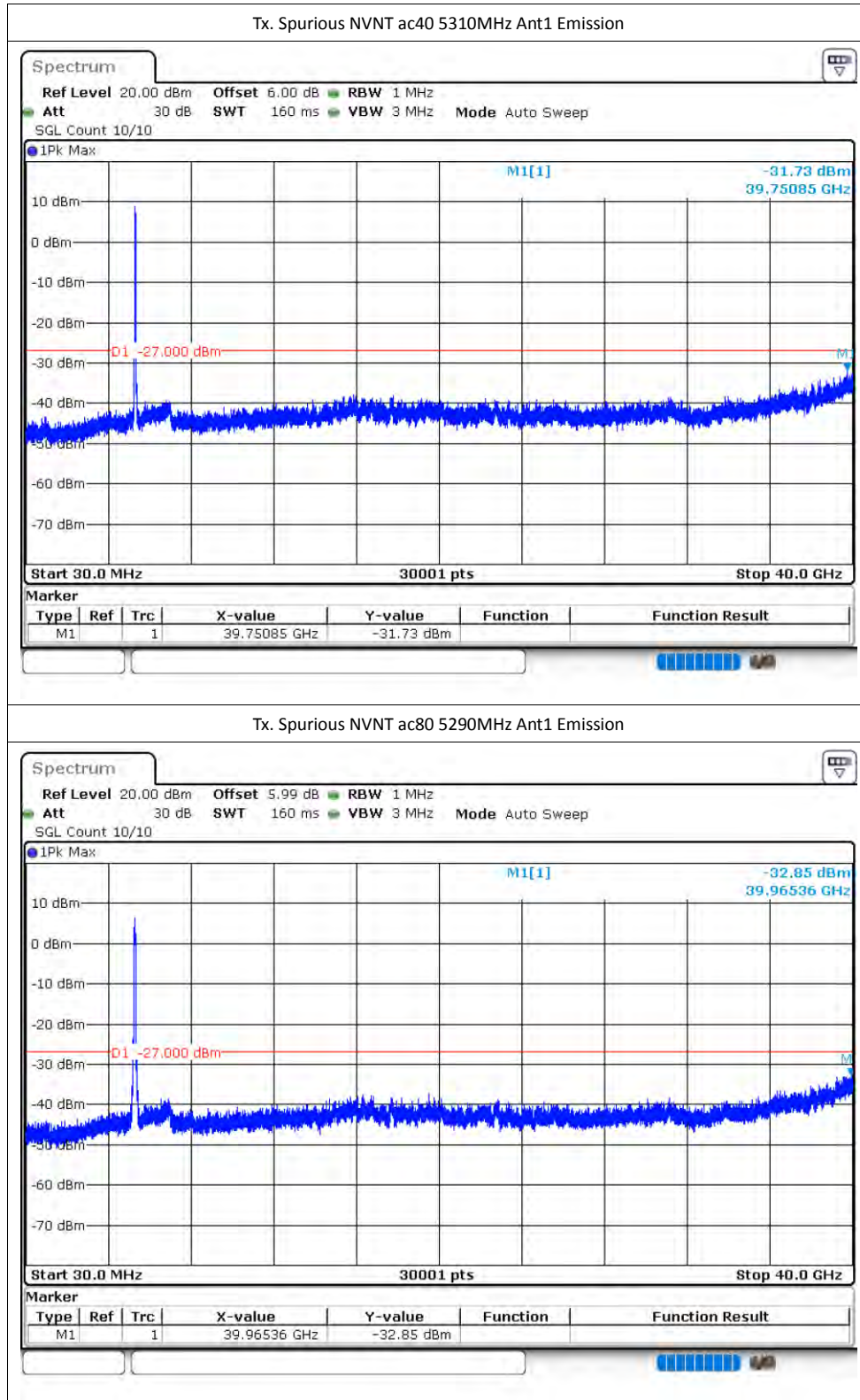


Tx. Spurious NVNT n40 5310MHz Ant1 Emission









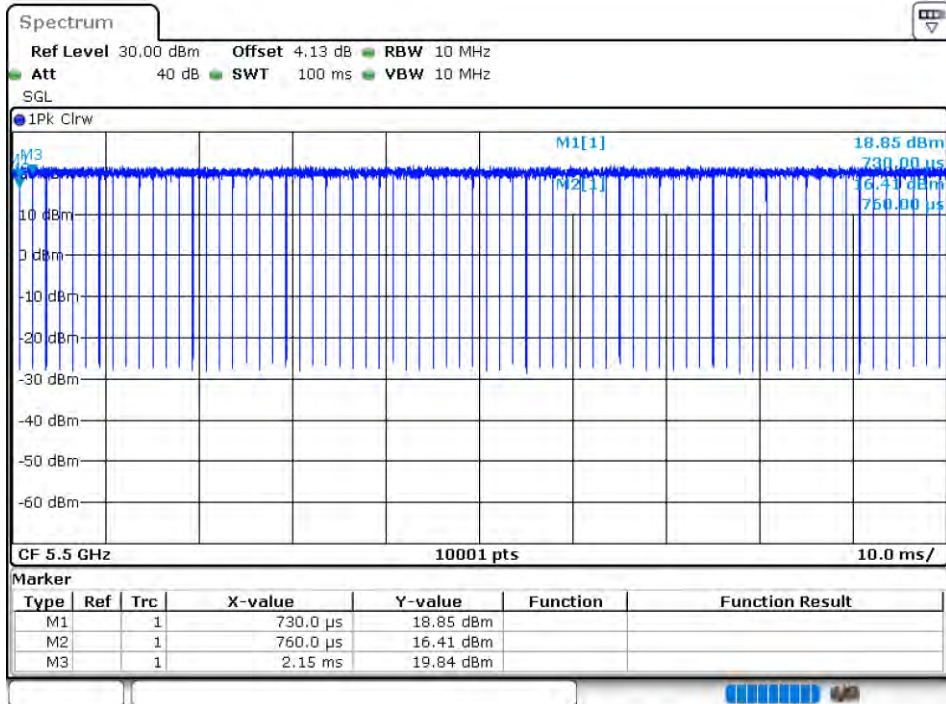
5.6G WIFI

Duty Cycle

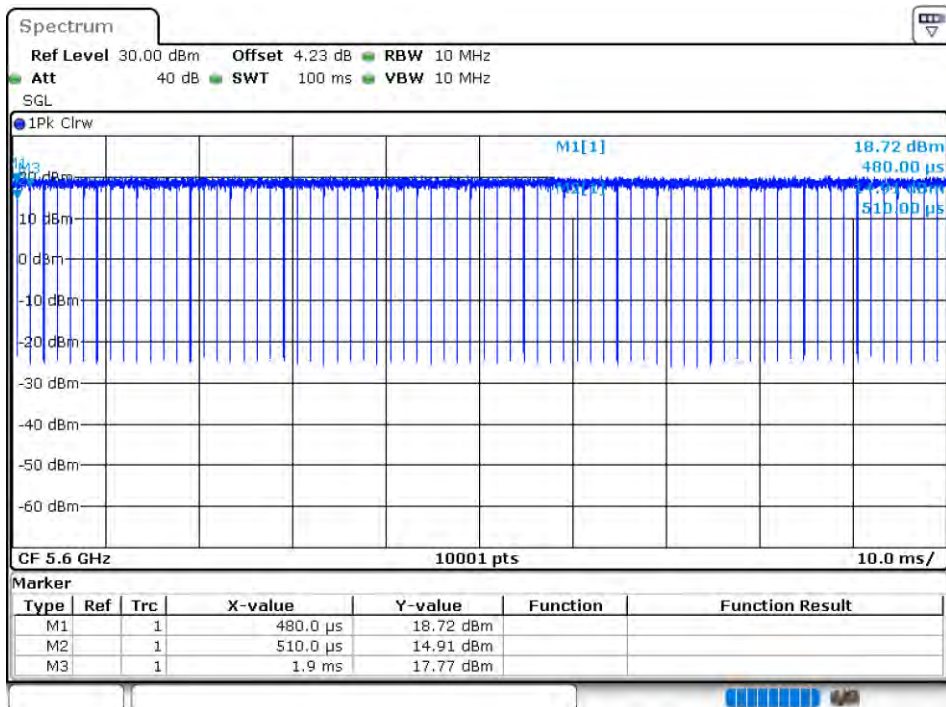
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	98.2	0.08	0.72
NVNT	a	5600	Ant1	98.18	0.08	0.72
NVNT	a	5700	Ant1	98.2	0.08	0.72
NVNT	n20	5500	Ant1	98.06	0.09	0.77
NVNT	n20	5600	Ant1	98.07	0.08	0.77
NVNT	n20	5700	Ant1	98.06	0.09	0.77
NVNT	n40	5510	Ant1	96.32	0.16	1.54
NVNT	n40	5590	Ant1	96.35	0.16	1.54
NVNT	n40	5670	Ant1	96.34	0.16	1.54
NVNT	ac20	5500	Ant1	98.1	0.08	0.76
NVNT	ac20	5600	Ant1	98.09	0.08	0.76
NVNT	ac20	5700	Ant1	98.1	0.08	0.76
NVNT	ac40	5510	Ant1	96.33	0.16	1.54
NVNT	ac40	5590	Ant1	96.36	0.16	1.54
NVNT	ac40	5670	Ant1	96.35	0.16	1.54
NVNT	ac80	5530	Ant1	93.16	0.31	3.03
NVNT	ac80	5610	Ant1	93.13	0.31	3.12

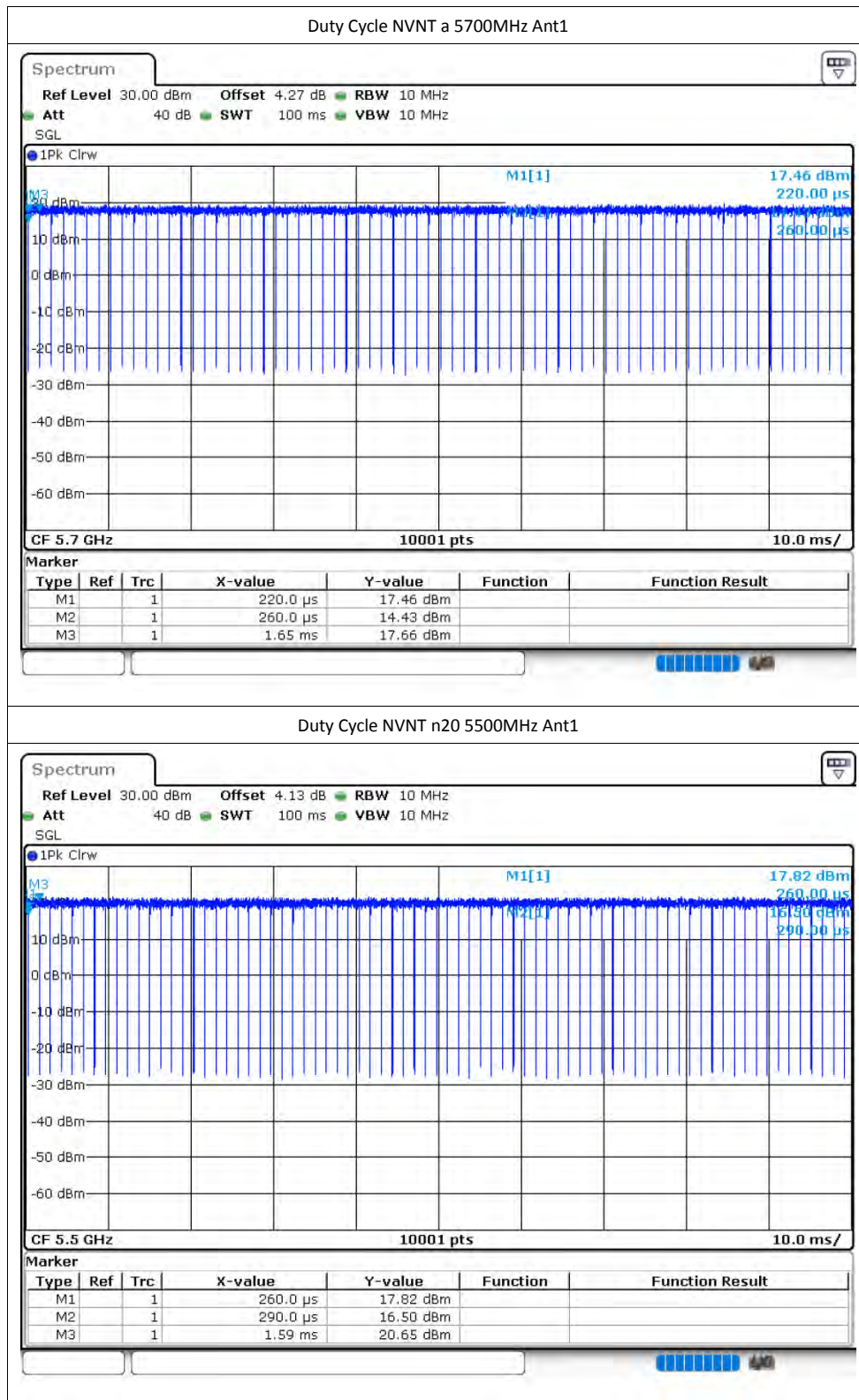
Test Graphs

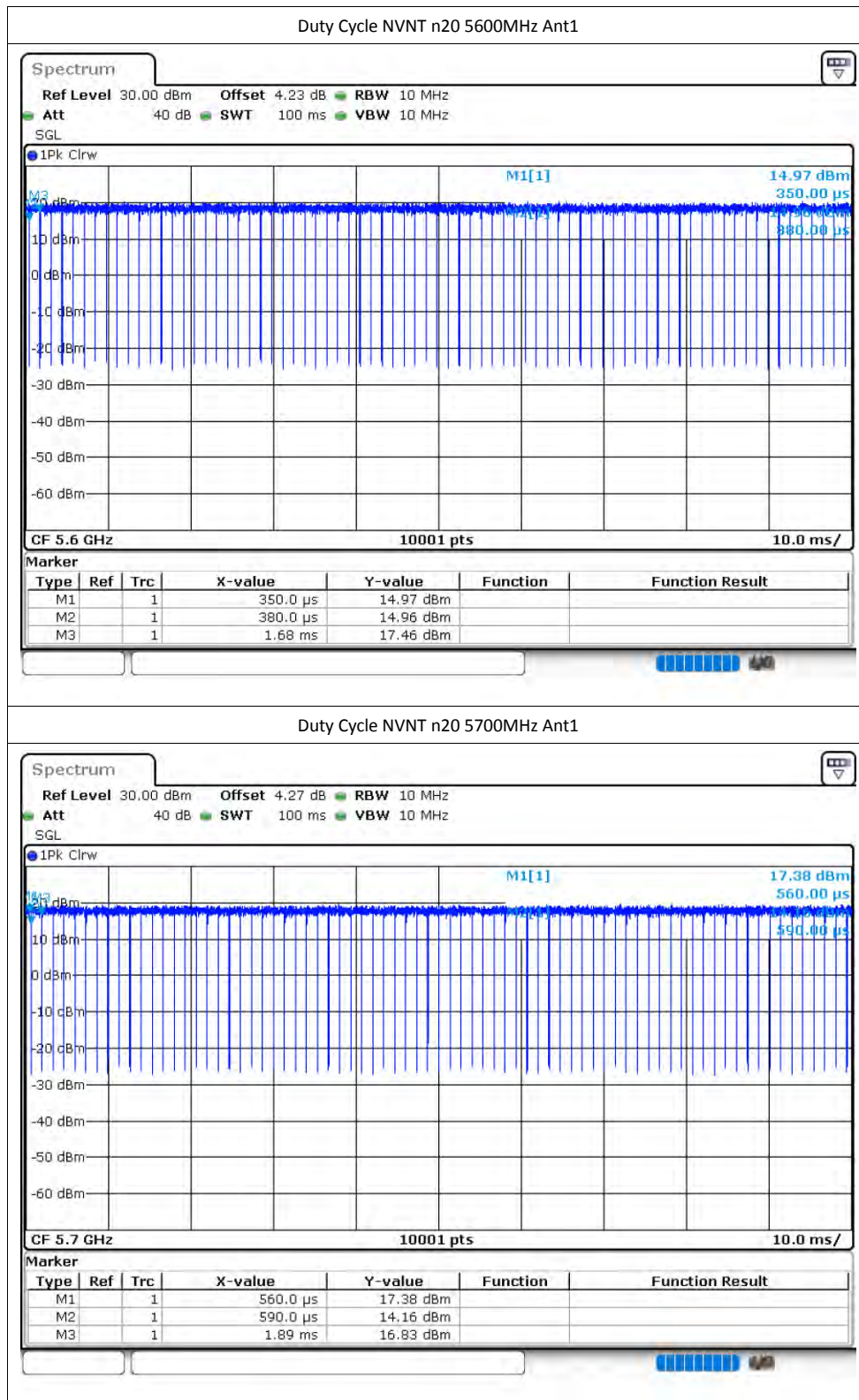
Duty Cycle NVNT a 5500MHz Ant1

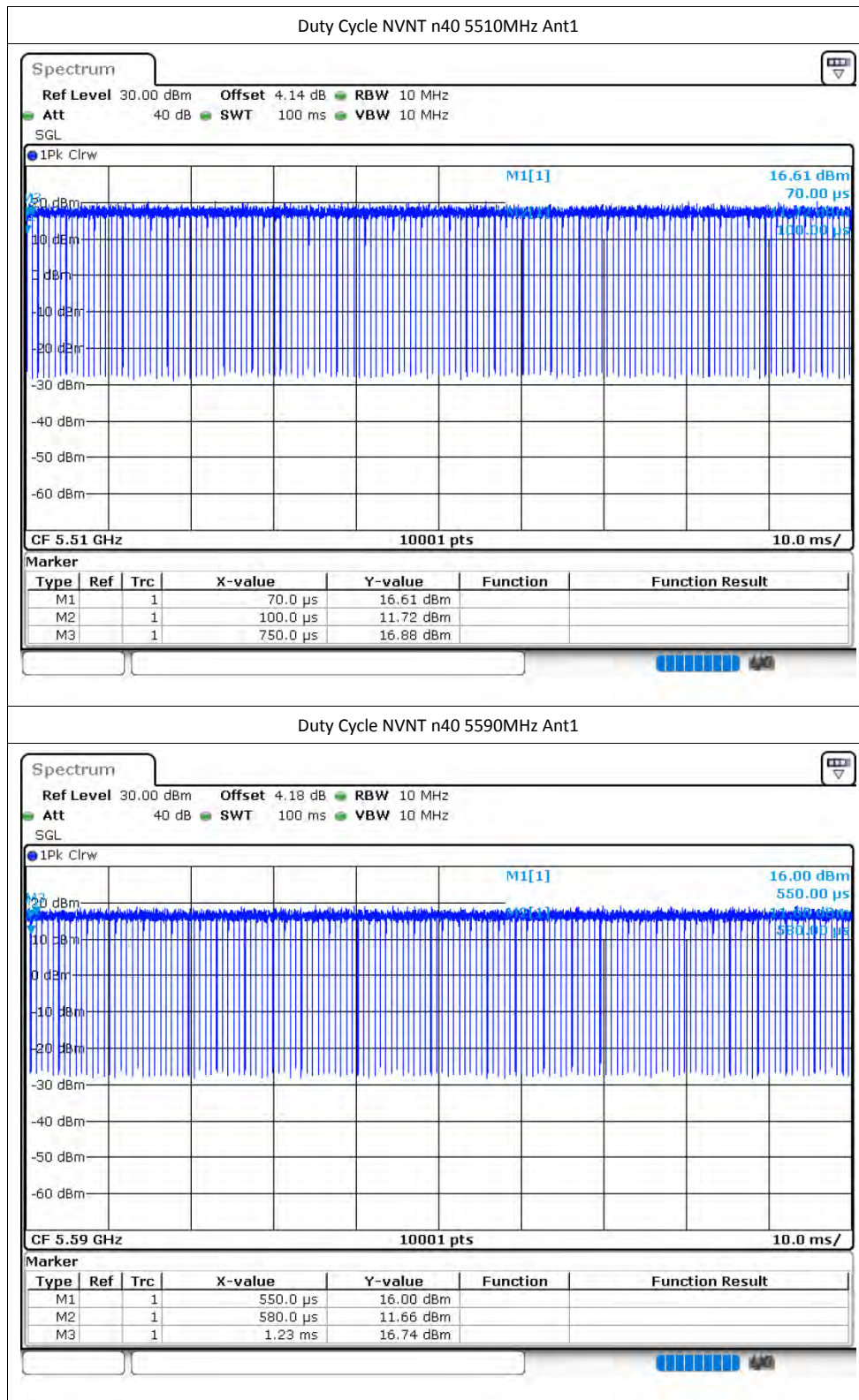


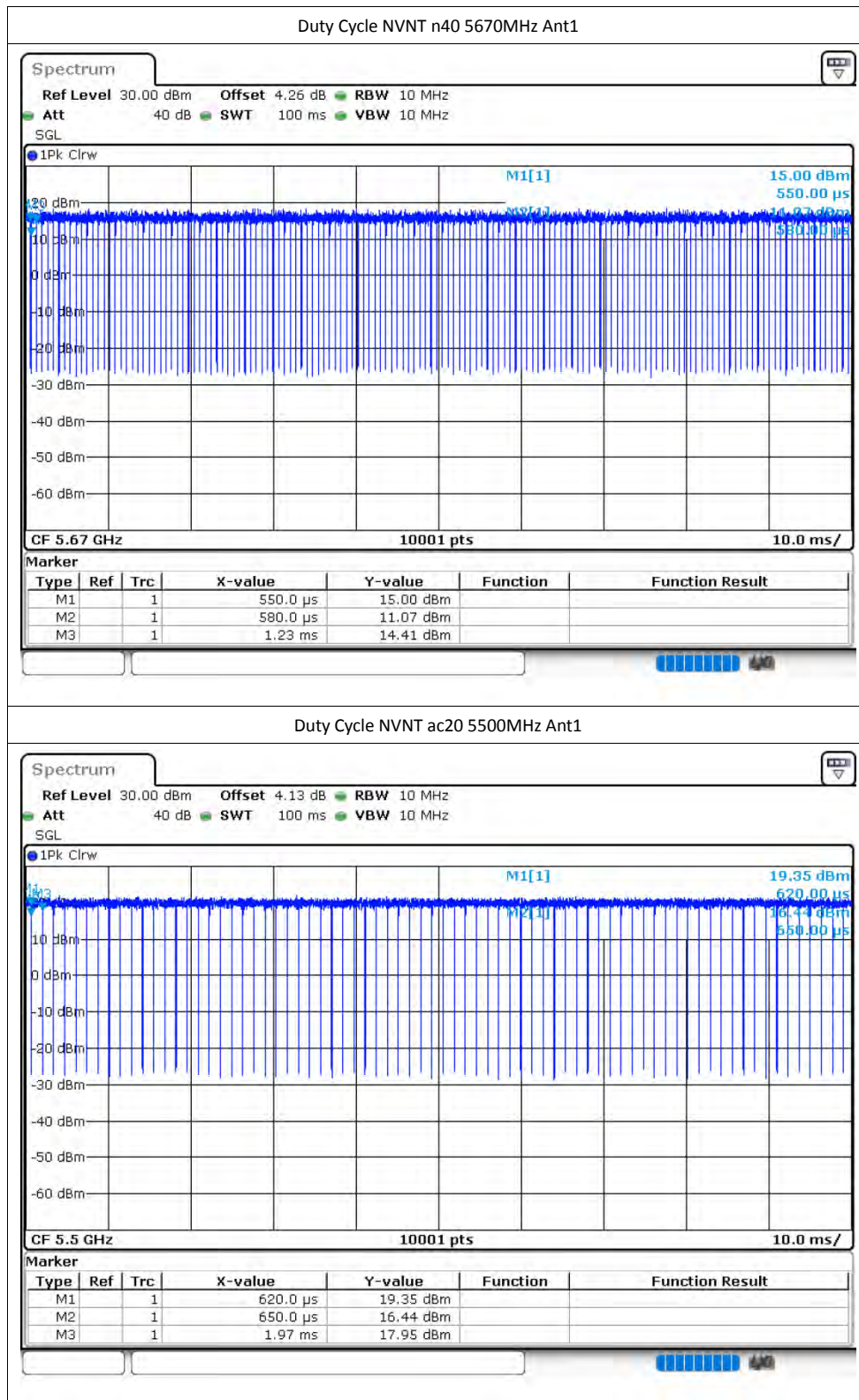
Duty Cycle NVNT a 5600MHz Ant1

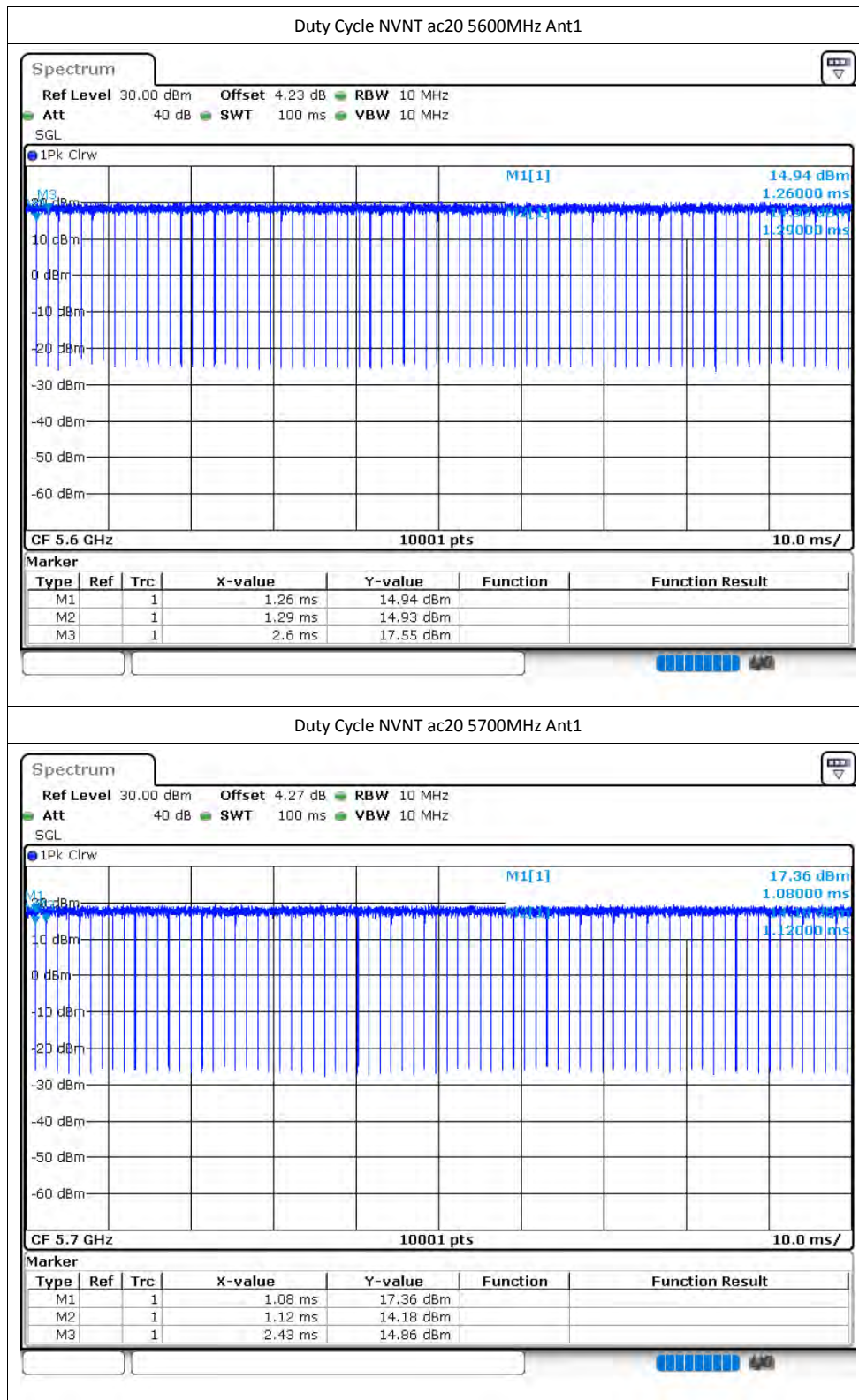




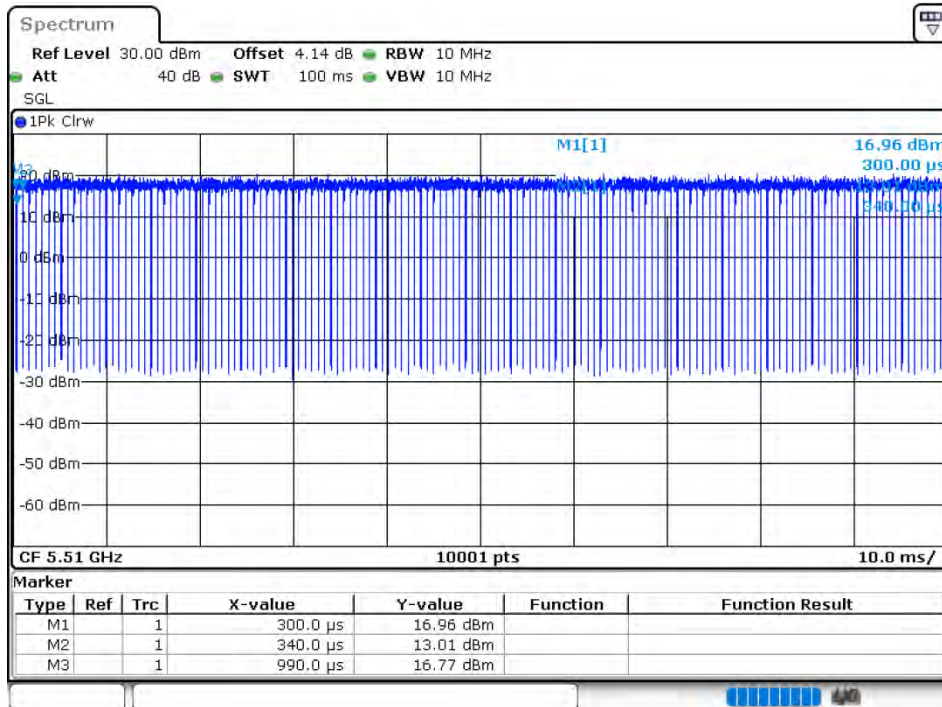




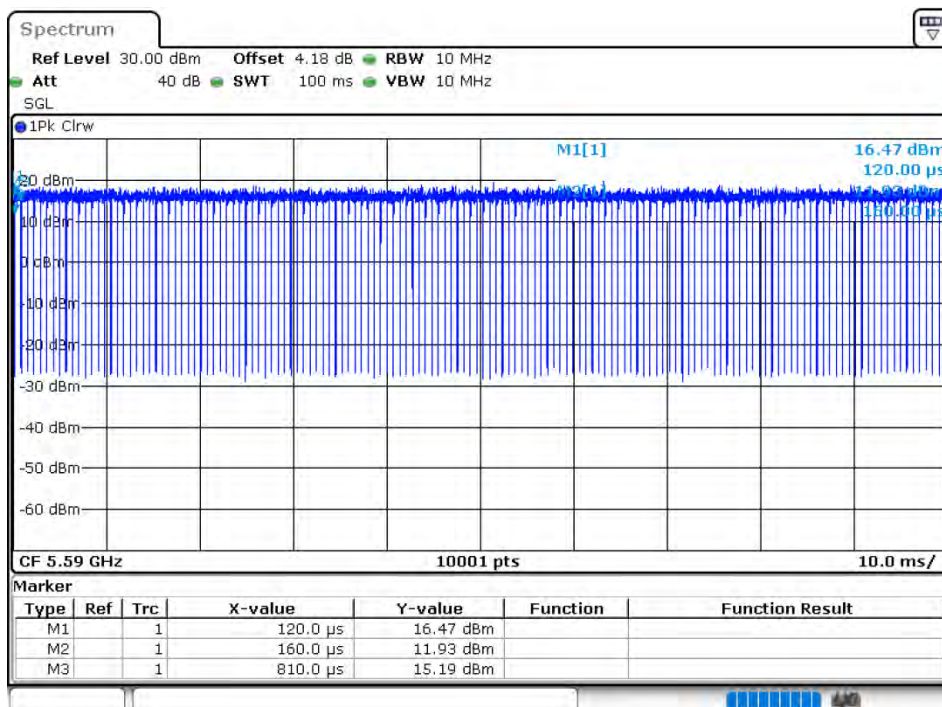




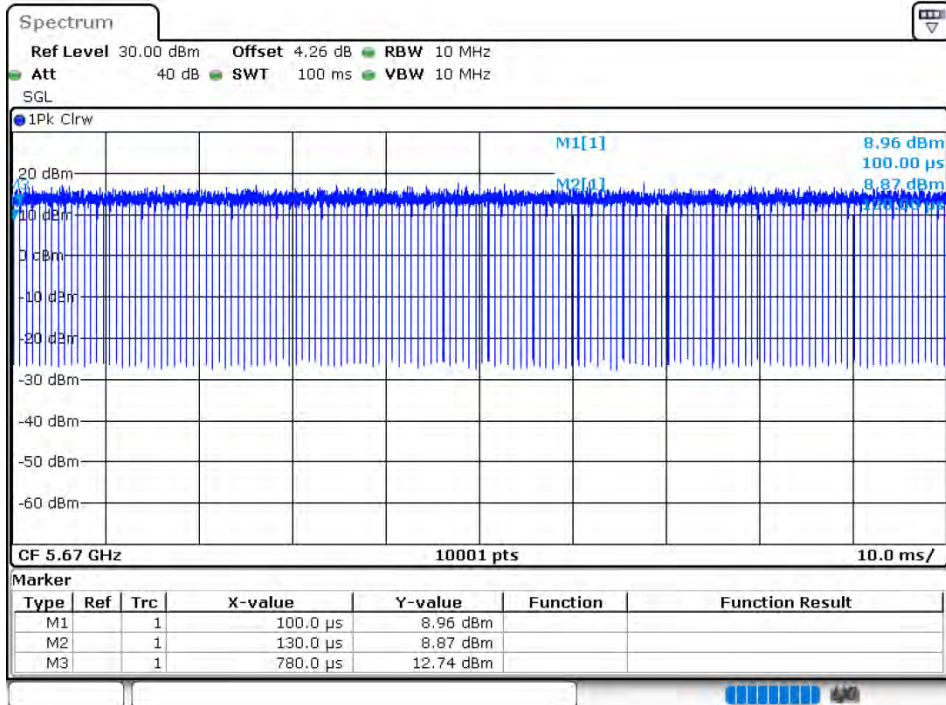
Duty Cycle NVNT ac40 5510MHz Ant1



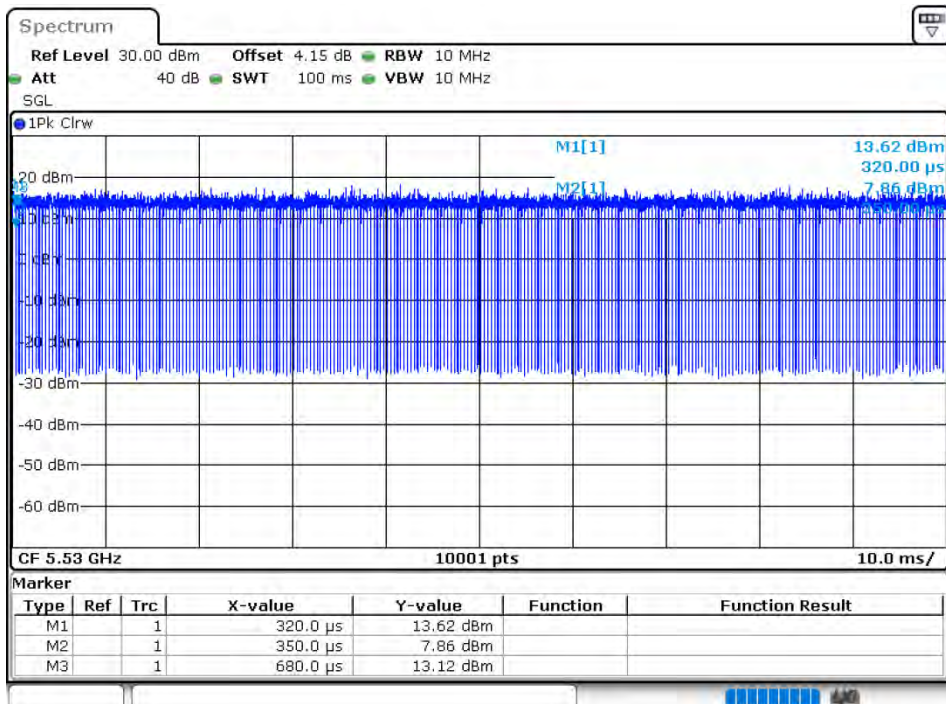
Duty Cycle NVNT ac40 5590MHz Ant1

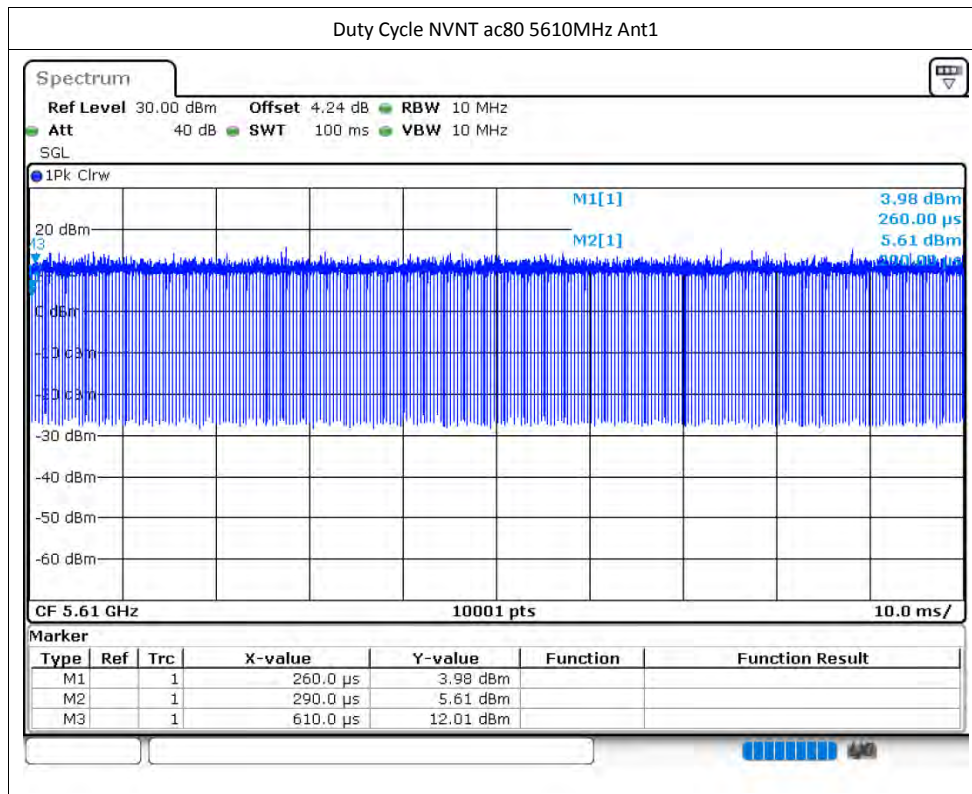


Duty Cycle NVNT ac40 5670MHz Ant1



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	16.13	24	Pass
NVNT	a	5600	Ant1	14.08	23.98	Pass
NVNT	a	5700	Ant1	13.03	23.99	Pass
NVNT	n20	5500	Ant1	15.91	24	Pass
NVNT	n20	5600	Ant1	14.06	24	Pass
NVNT	n20	5700	Ant1	12.89	24	Pass
NVNT	n40	5510	Ant1	14.26	24	Pass
NVNT	n40	5590	Ant1	14.41	24	Pass
NVNT	n40	5670	Ant1	12.73	24	Pass
NVNT	ac20	5500	Ant1	14.76	24	Pass
NVNT	ac20	5600	Ant1	13.98	24	Pass
NVNT	ac20	5700	Ant1	13.02	24	Pass
NVNT	ac40	5510	Ant1	13.64	24	Pass
NVNT	ac40	5590	Ant1	13.92	24	Pass
NVNT	ac40	5670	Ant1	13.83	24	Pass
NVNT	ac80	5530	Ant1	13.09	24	Pass
NVNT	ac80	5610	Ant1	13.47	24	Pass

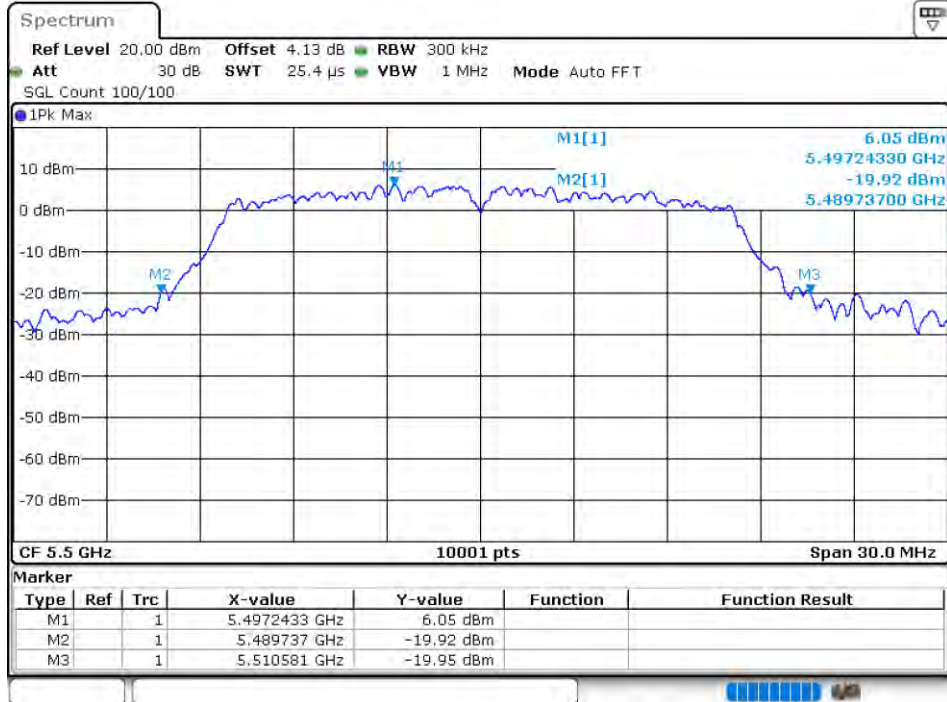
Note: The average power value already includes the duty cycle factor

-26dB Bandwidth

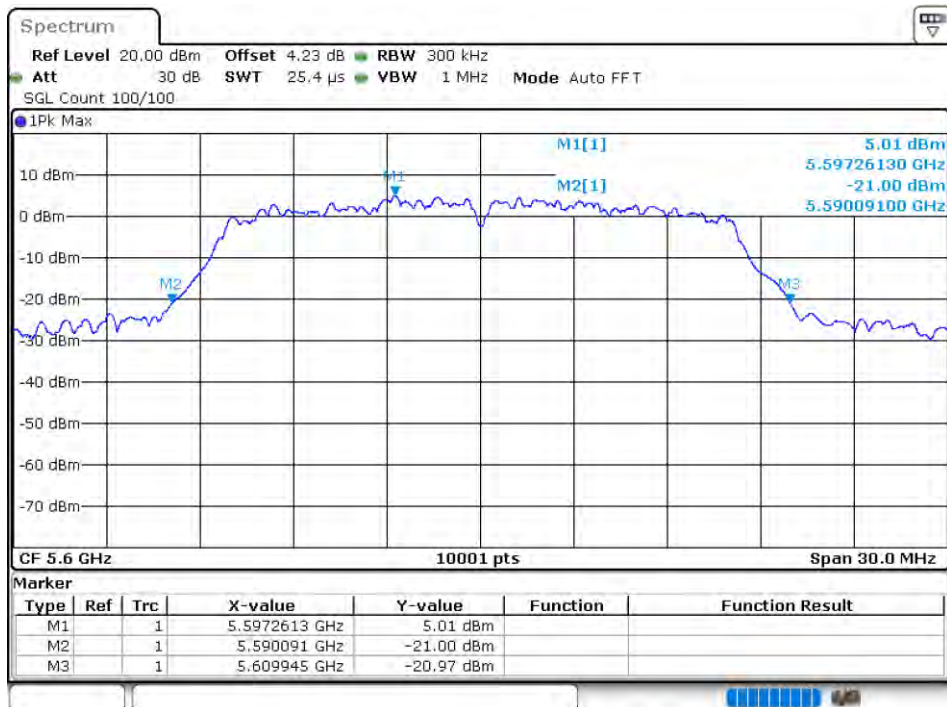
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	20.844	Pass
NVNT	a	5600	Ant1	19.854	Pass
NVNT	a	5700	Ant1	19.917	Pass
NVNT	n20	5500	Ant1	23.142	Pass
NVNT	n20	5600	Ant1	20.067	Pass
NVNT	n20	5700	Ant1	21.78	Pass
NVNT	n40	5510	Ant1	40.656	Pass
NVNT	n40	5590	Ant1	54.216	Pass
NVNT	n40	5670	Ant1	47.772	Pass
NVNT	ac20	5500	Ant1	20.031	Pass
NVNT	ac20	5600	Ant1	20.232	Pass
NVNT	ac20	5700	Ant1	20.244	Pass
NVNT	ac40	5510	Ant1	40.854	Pass
NVNT	ac40	5590	Ant1	41.118	Pass
NVNT	ac40	5670	Ant1	52.926	Pass
NVNT	ac80	5530	Ant1	80.808	Pass
NVNT	ac80	5610	Ant1	106.452	Pass

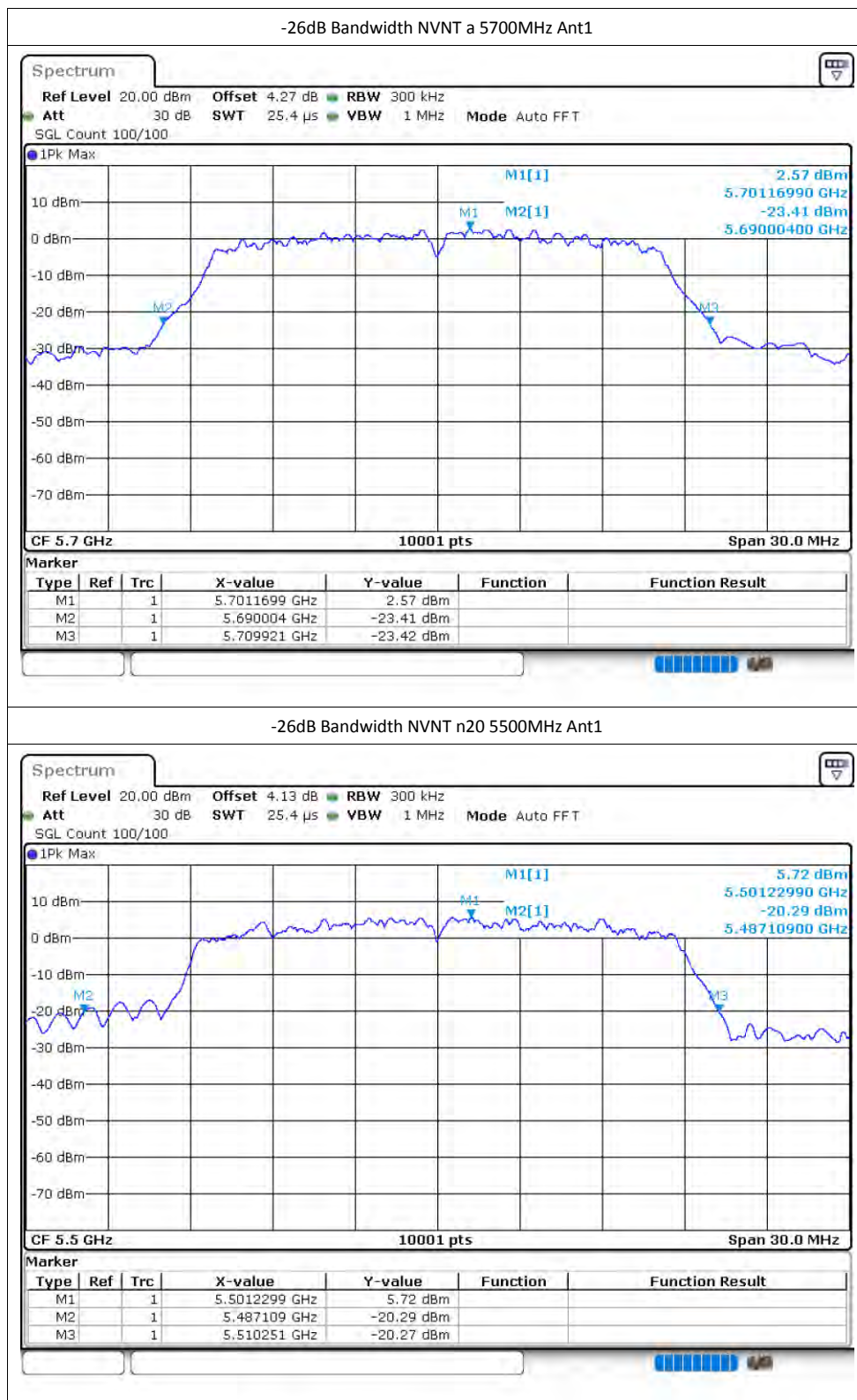
Test Graphs

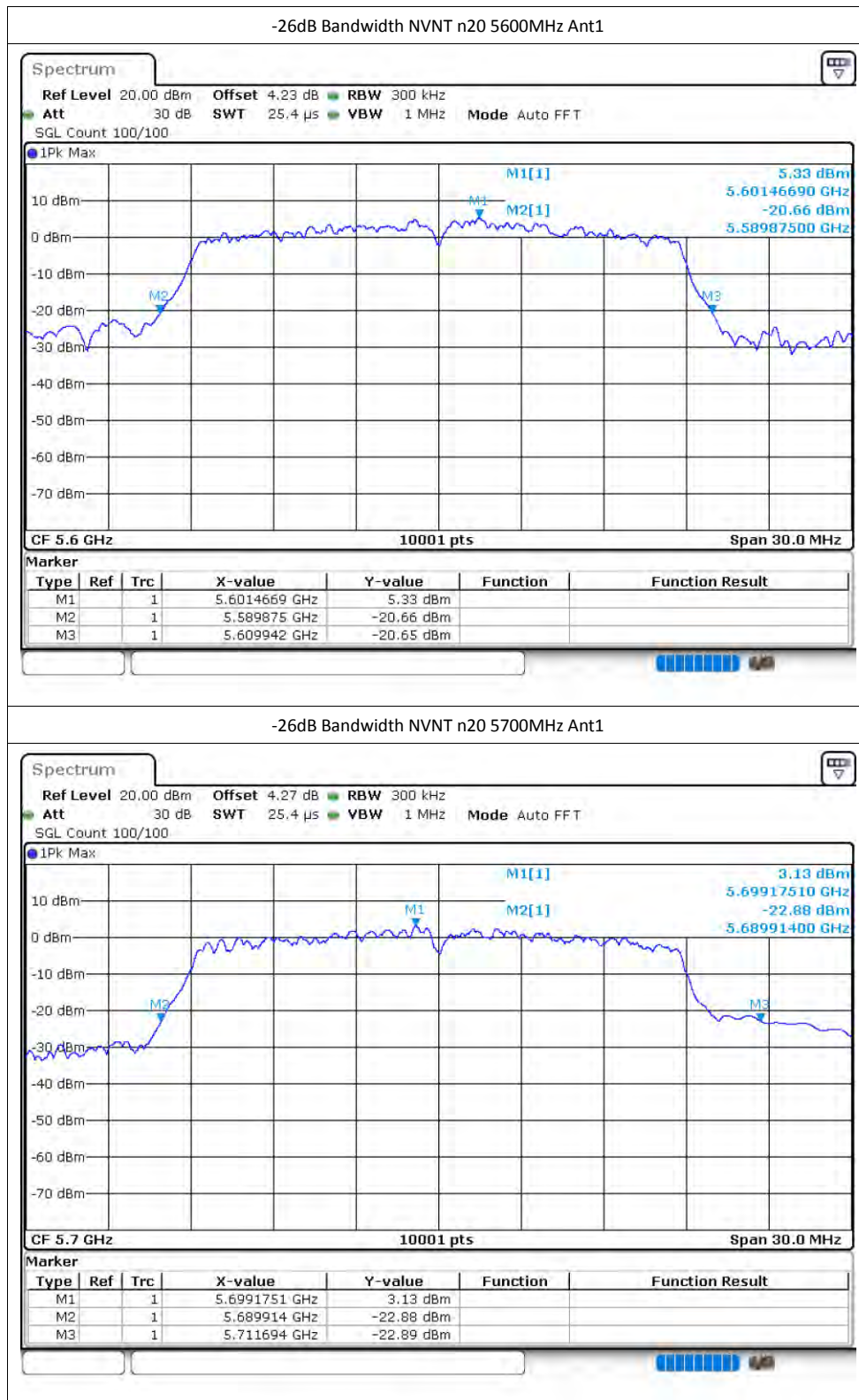
-26dB Bandwidth NVNT a 5500MHz Ant1

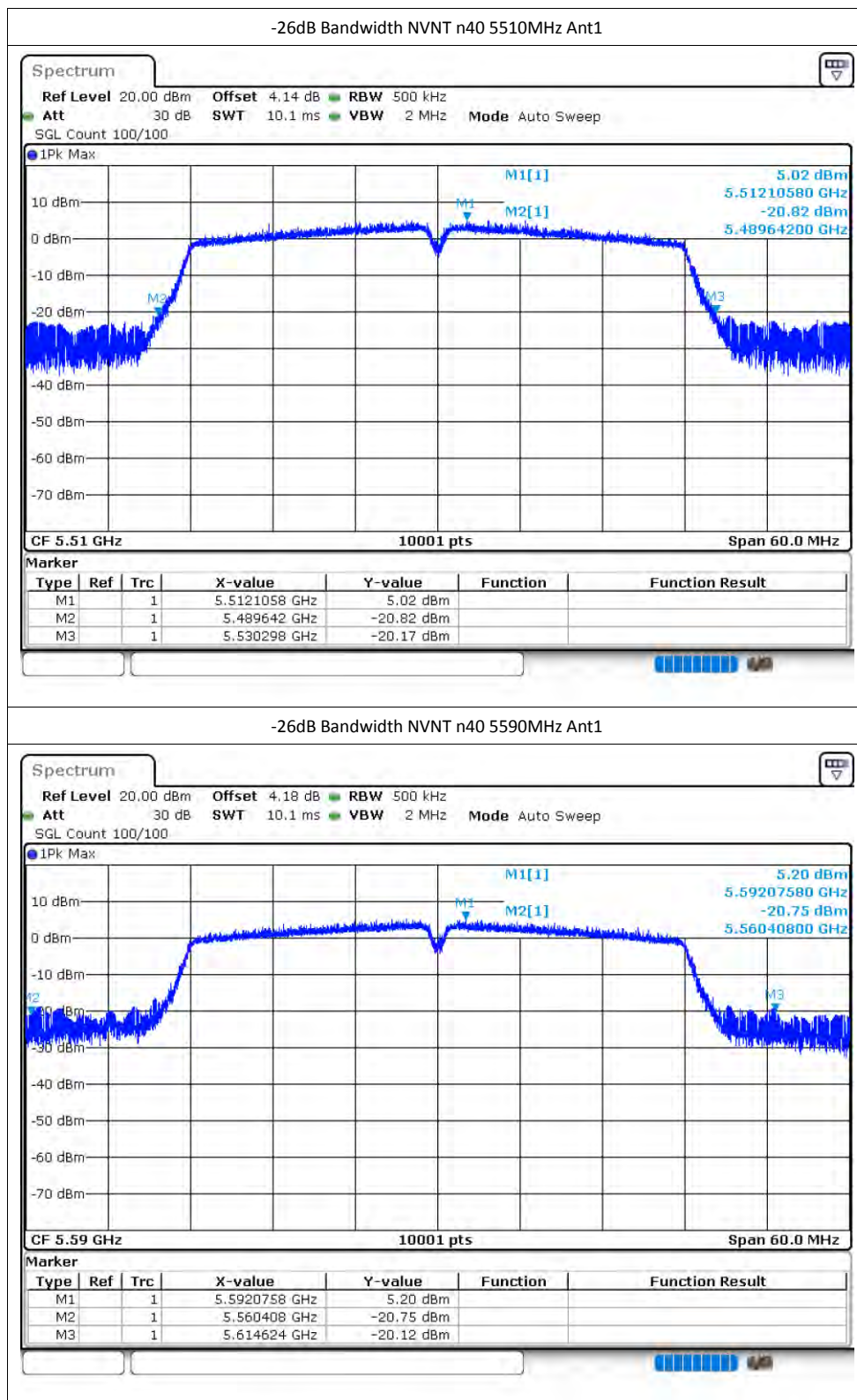


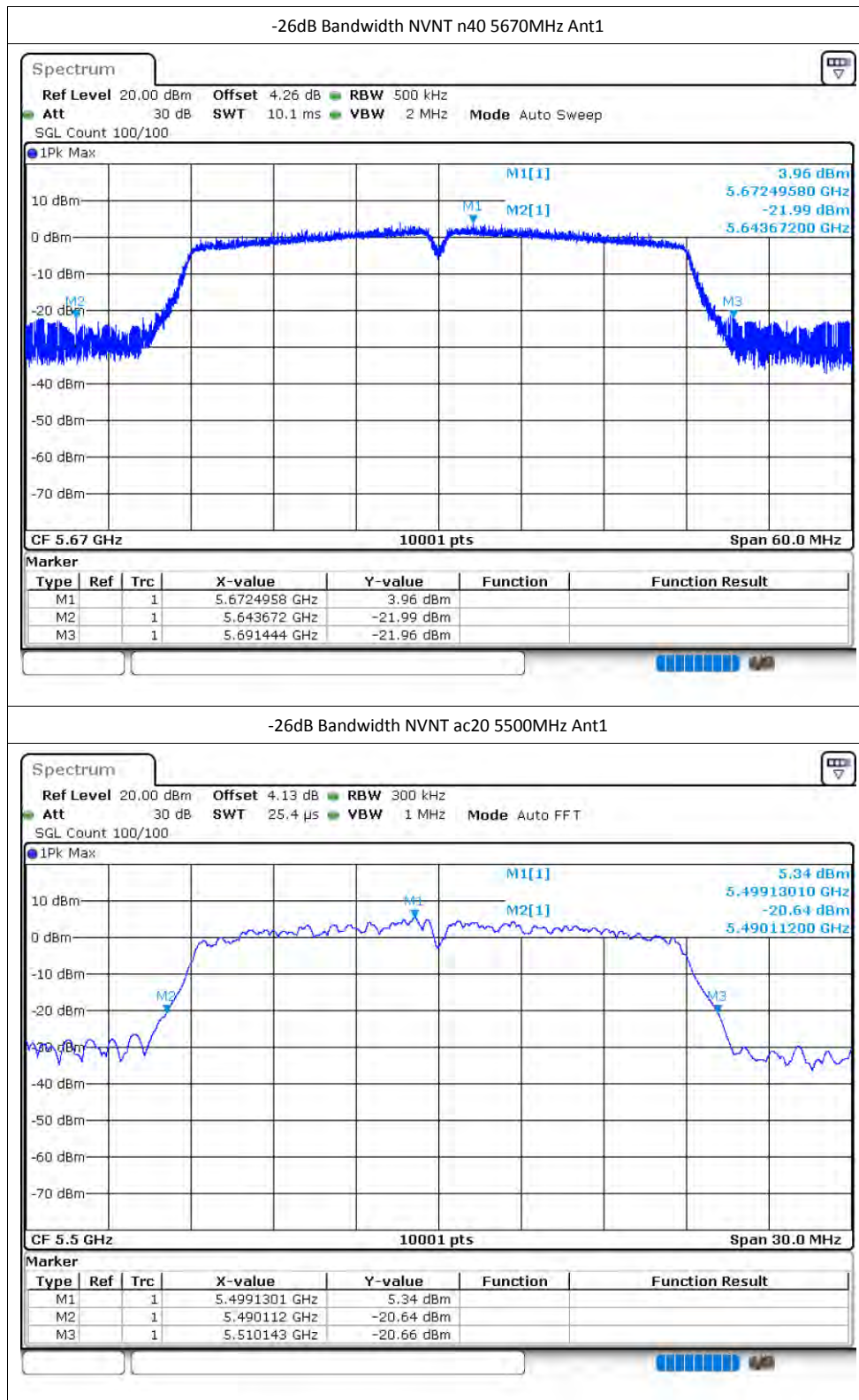
-26dB Bandwidth NVNT a 5600MHz Ant1

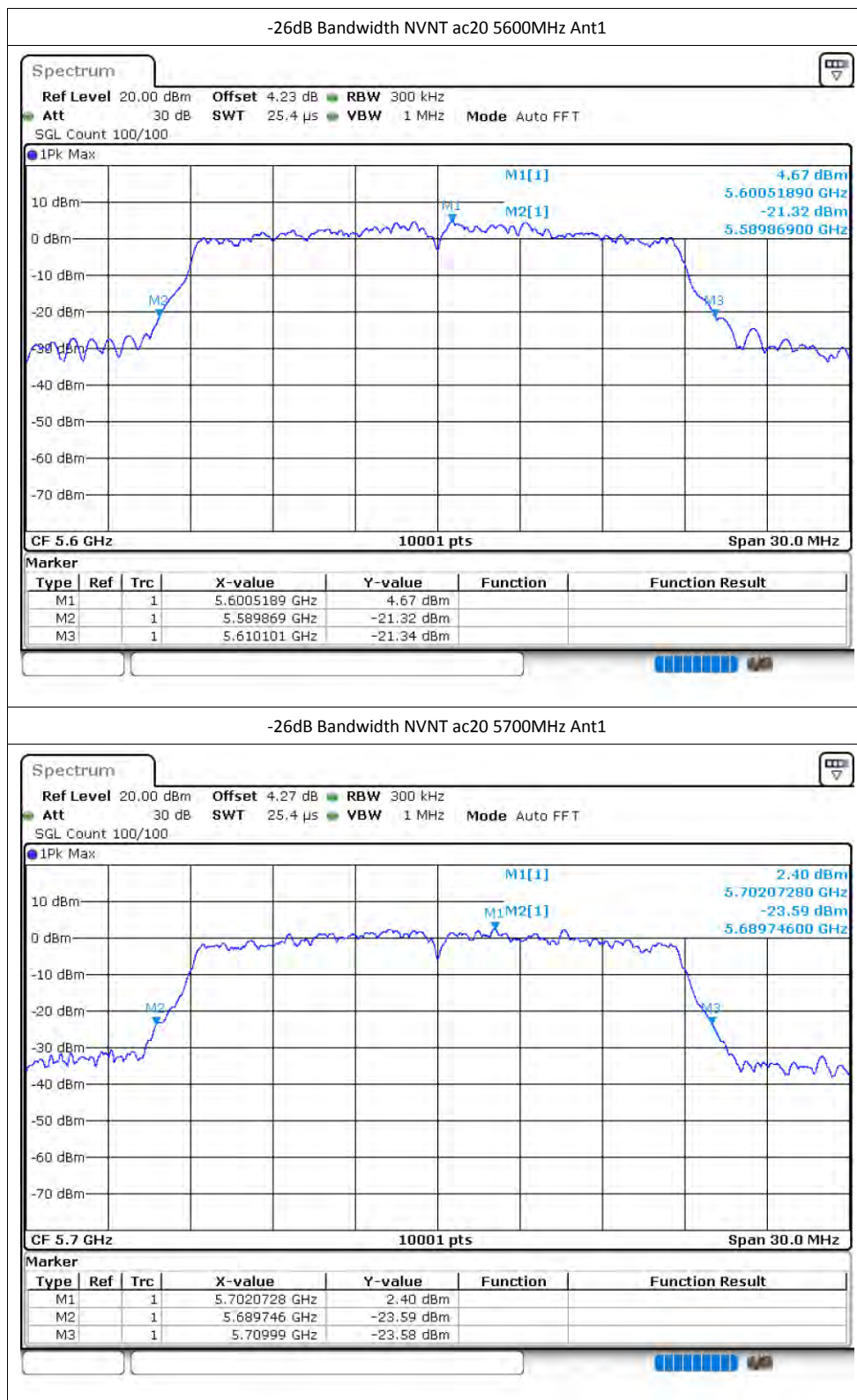


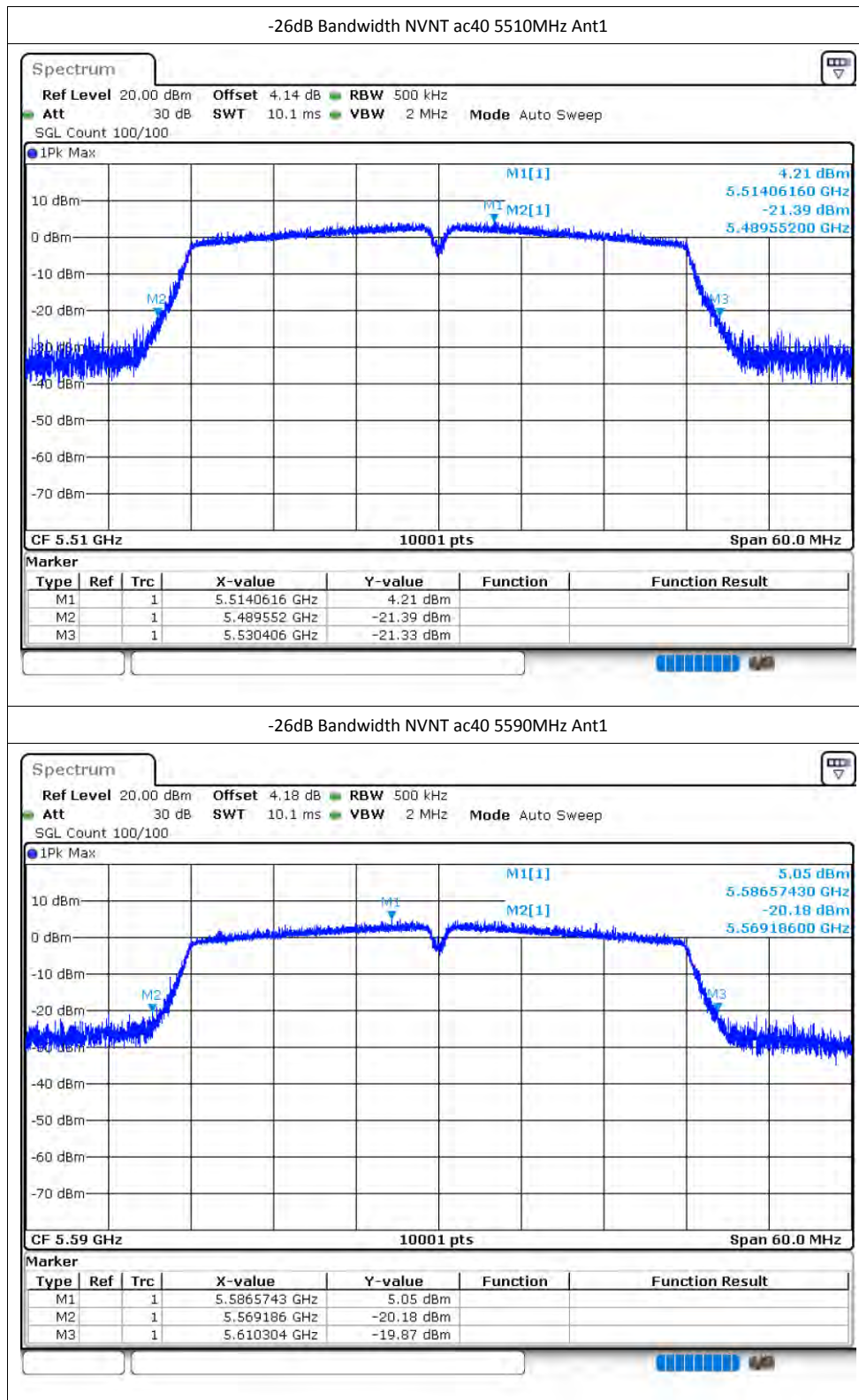


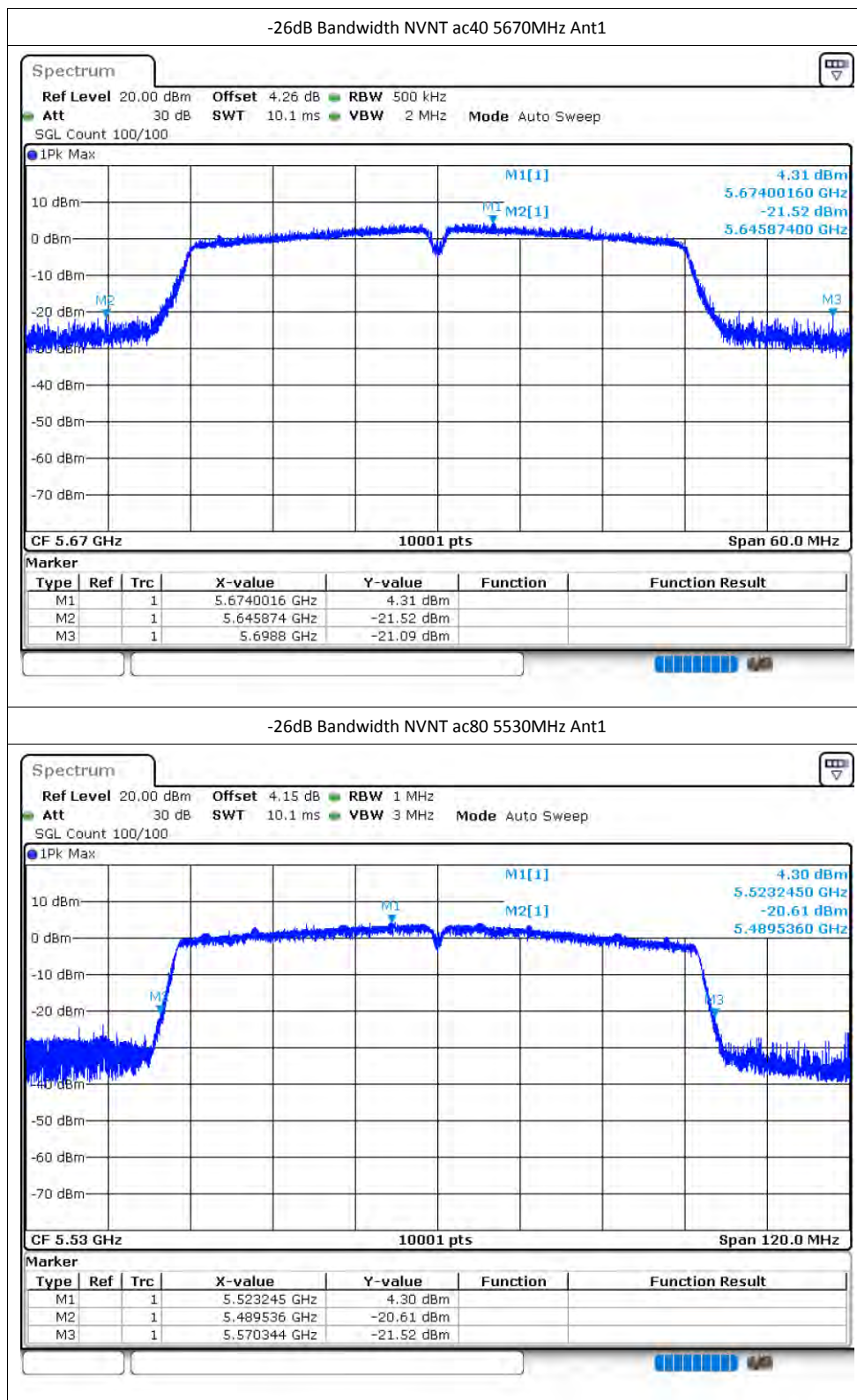


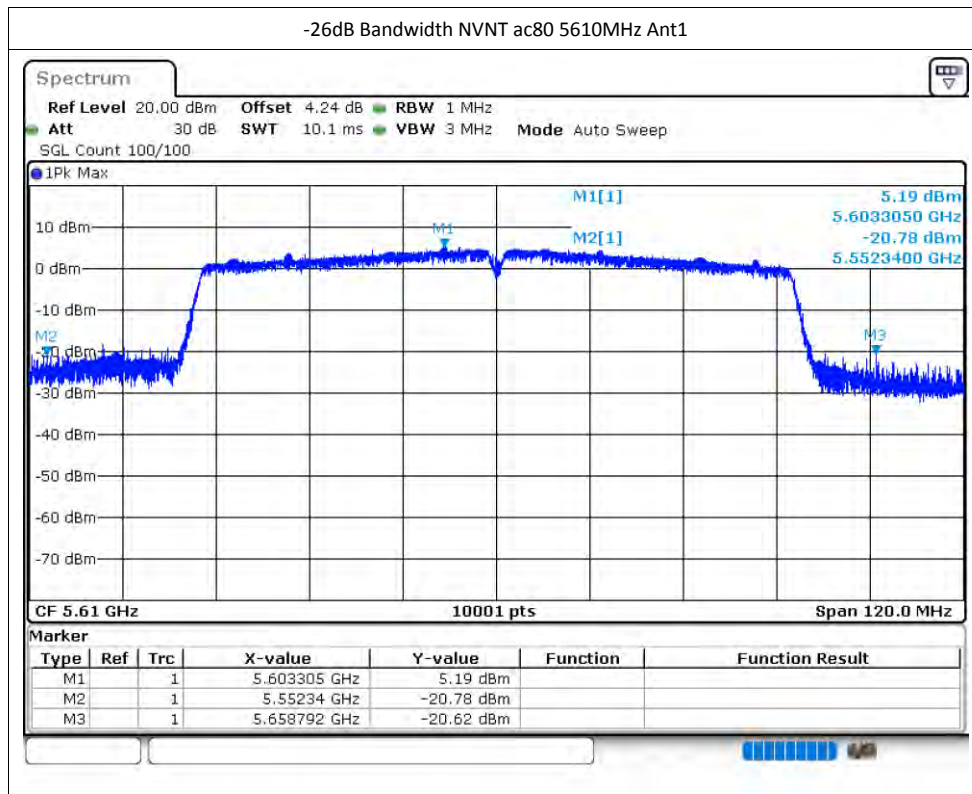












Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.513
NVNT	a	5600	Ant1	16.591
NVNT	a	5700	Ant1	16.387
NVNT	n20	5500	Ant1	17.584
NVNT	n20	5600	Ant1	17.554
NVNT	n20	5700	Ant1	17.518
NVNT	n40	5510	Ant1	36.05
NVNT	n40	5590	Ant1	36.176
NVNT	n40	5670	Ant1	36.068
NVNT	ac20	5500	Ant1	17.545
NVNT	ac20	5600	Ant1	17.551
NVNT	ac20	5700	Ant1	17.596
NVNT	ac40	5510	Ant1	36.002
NVNT	ac40	5590	Ant1	36.086
NVNT	ac40	5670	Ant1	36.098
NVNT	ac80	5530	Ant1	75.028
NVNT	ac80	5610	Ant1	75.316

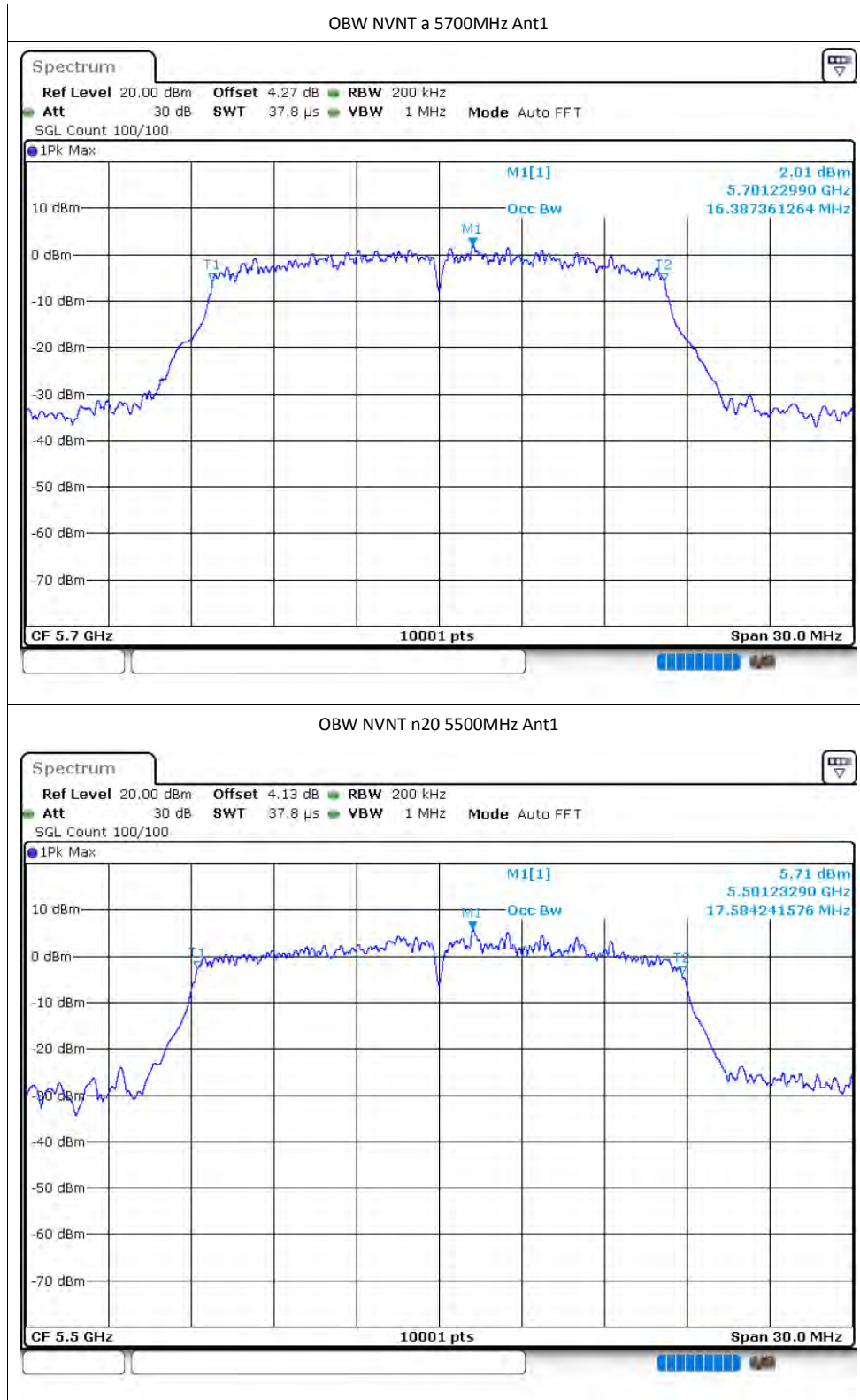
Test Graphs

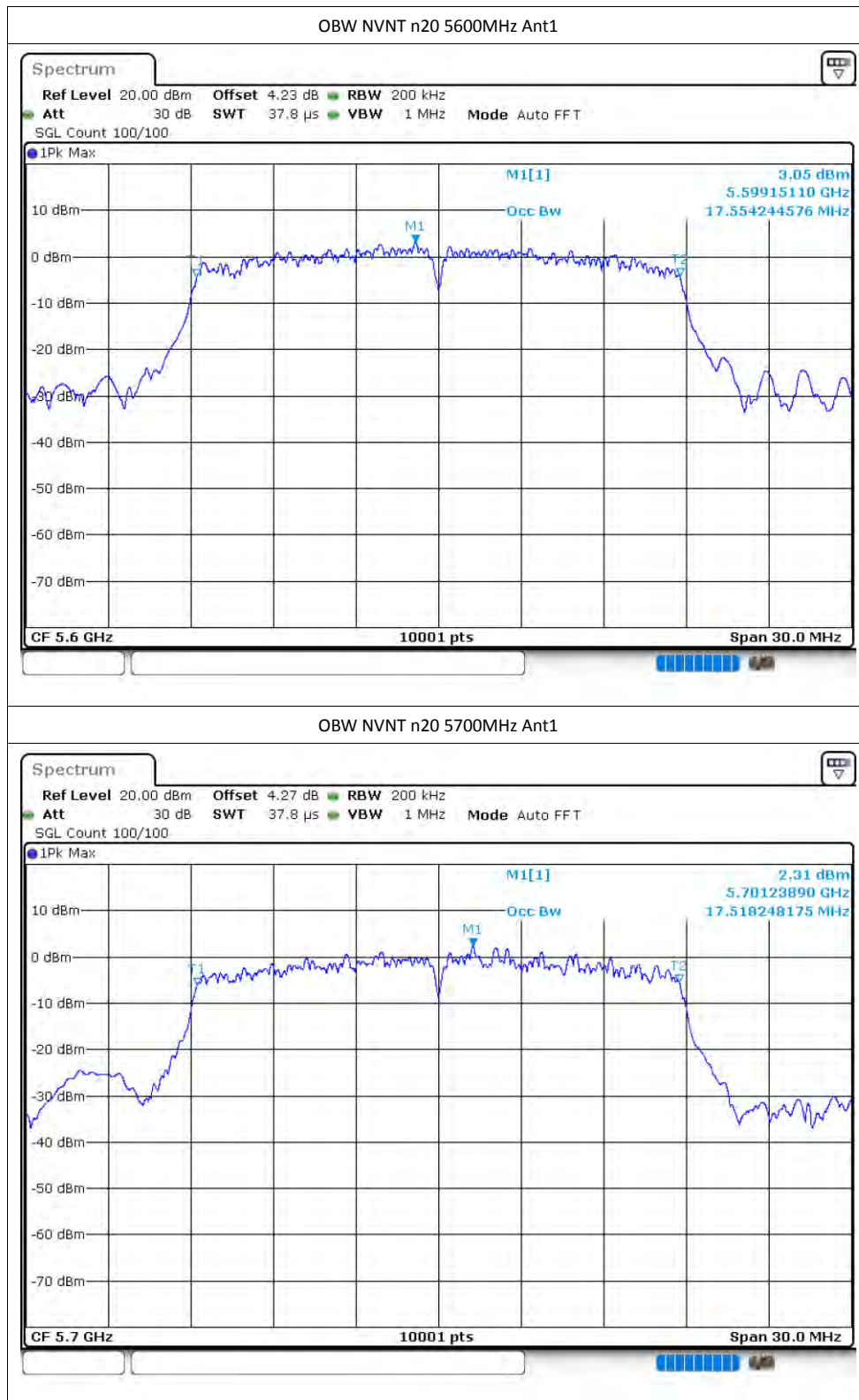
OBW NVNT a 5500MHz Ant1

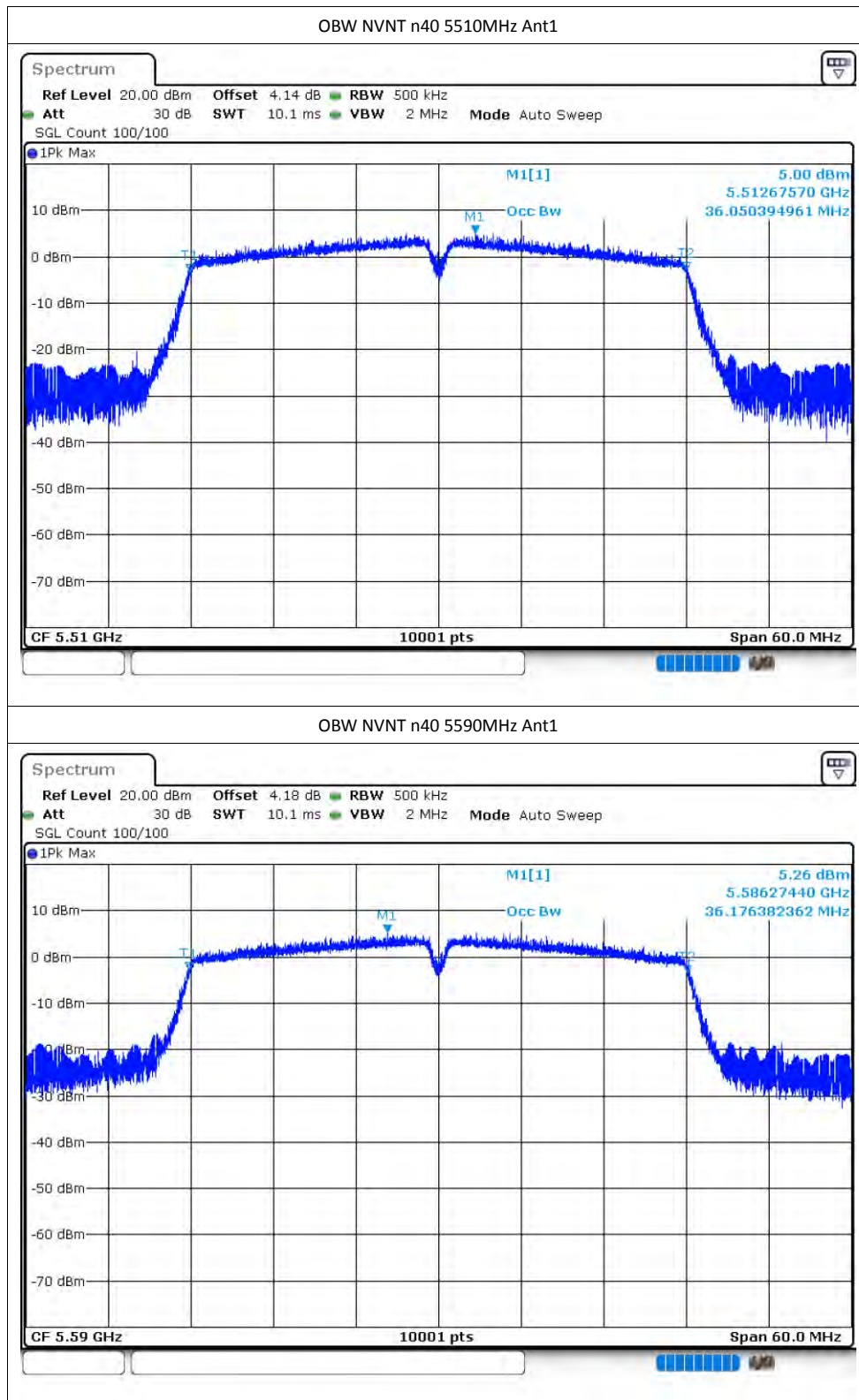


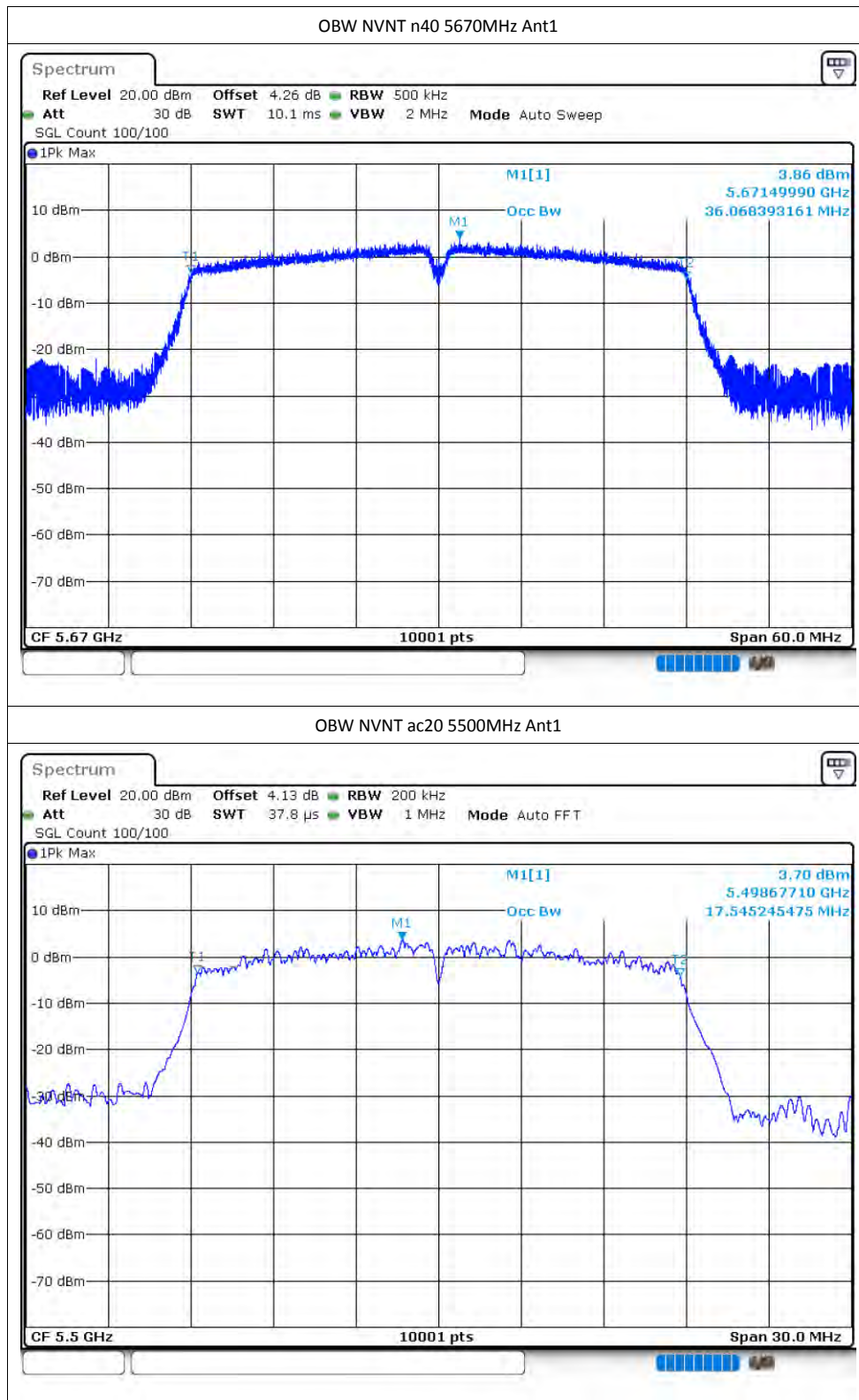
OBW NVNT a 5600MHz Ant1

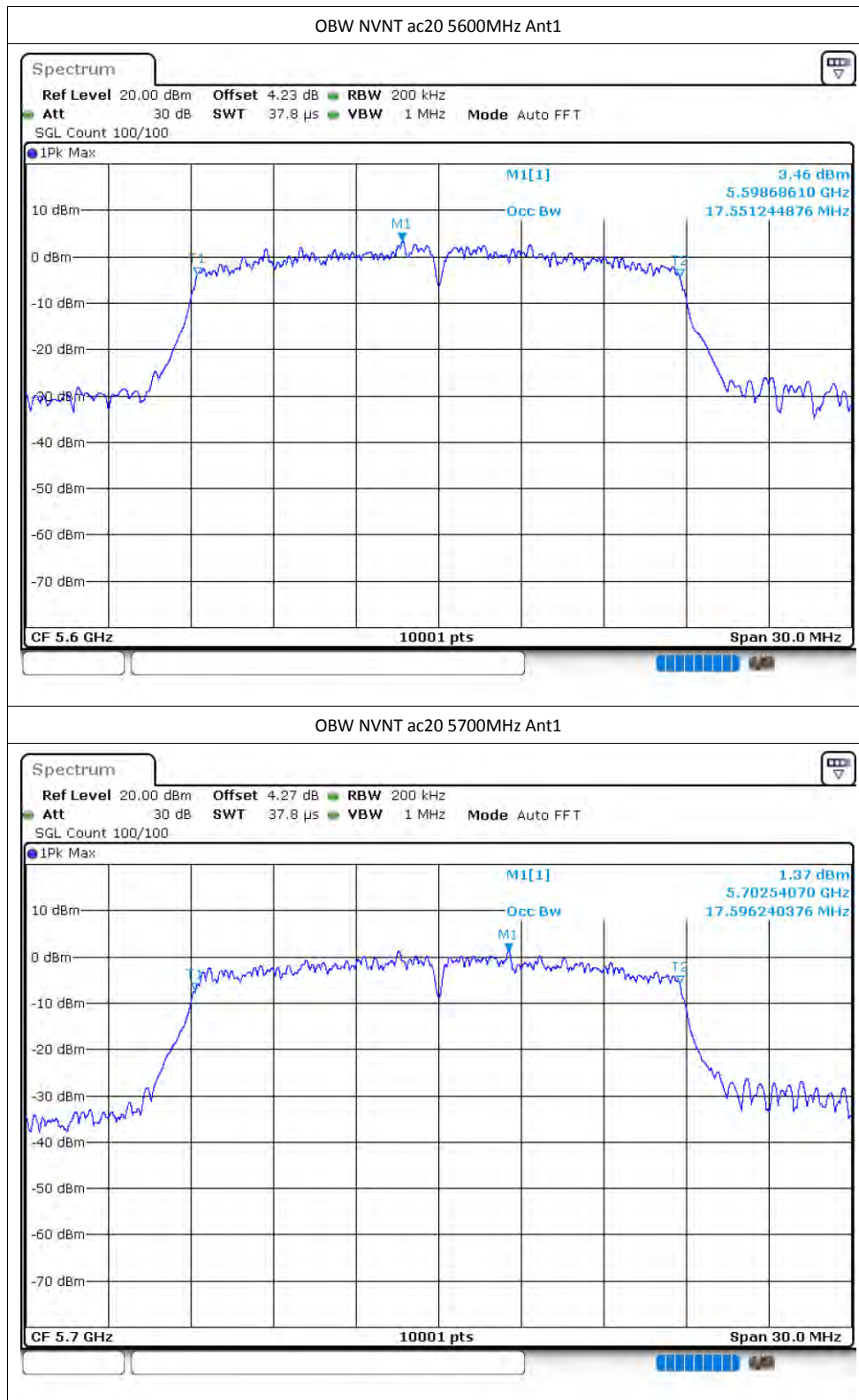


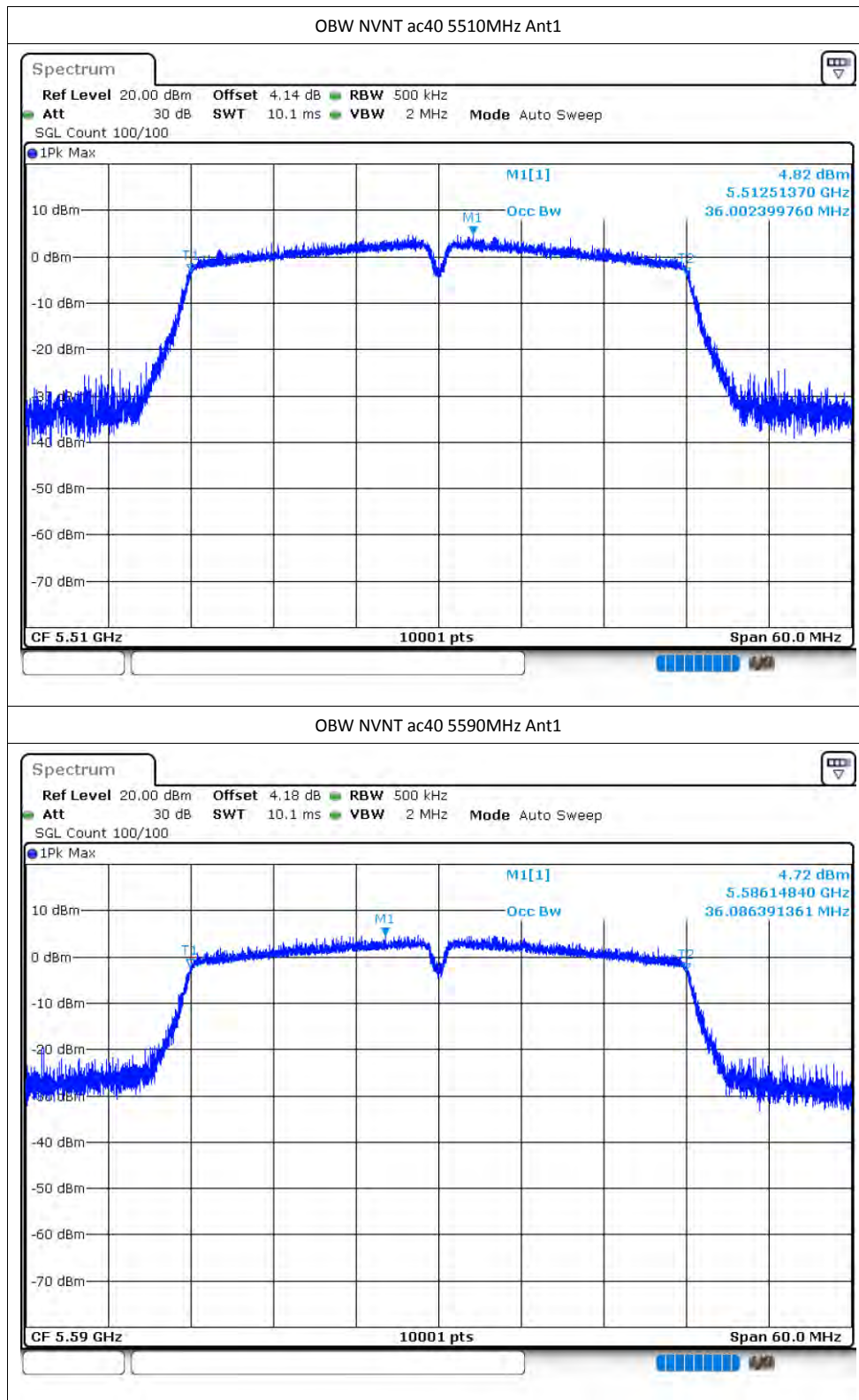


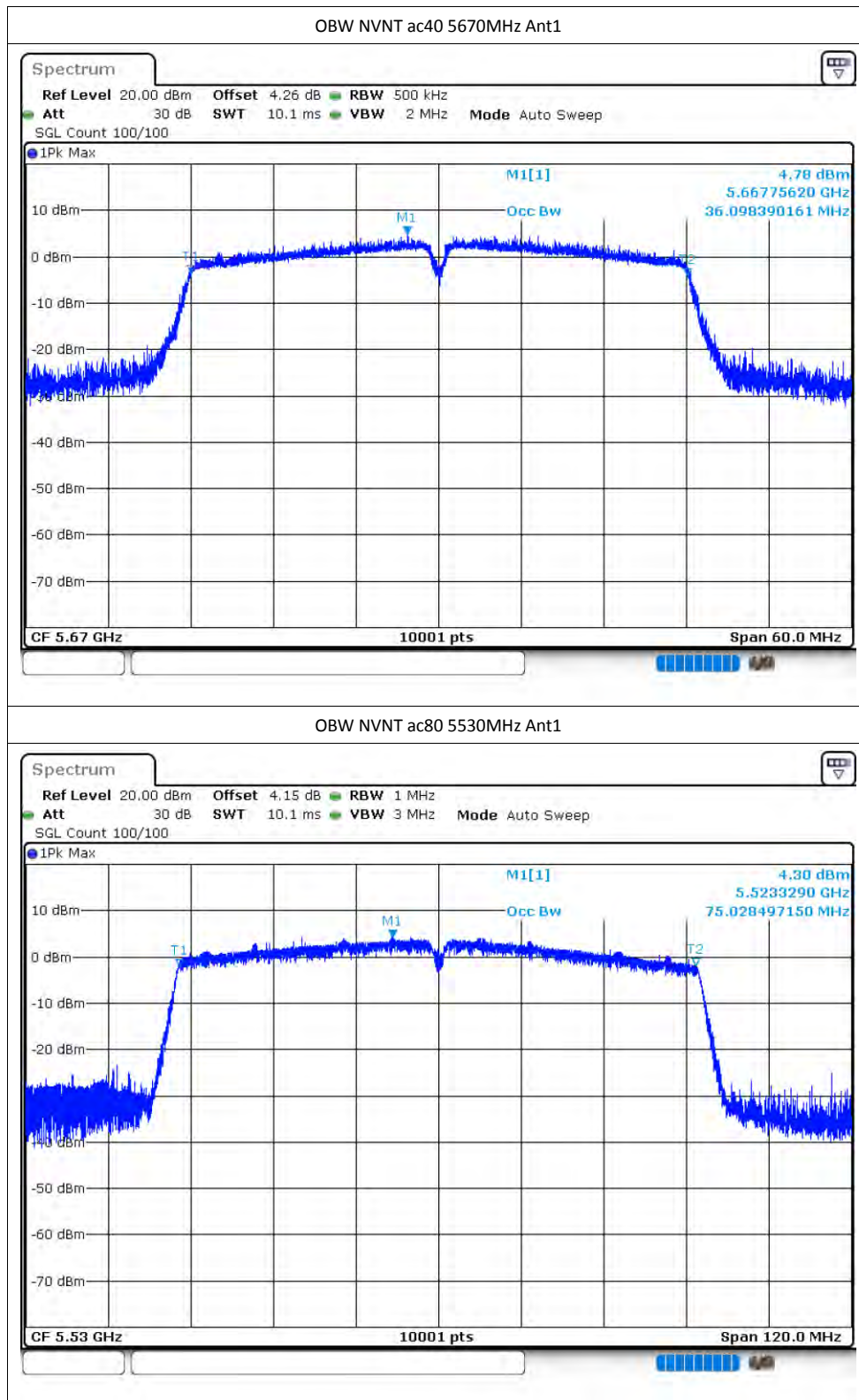


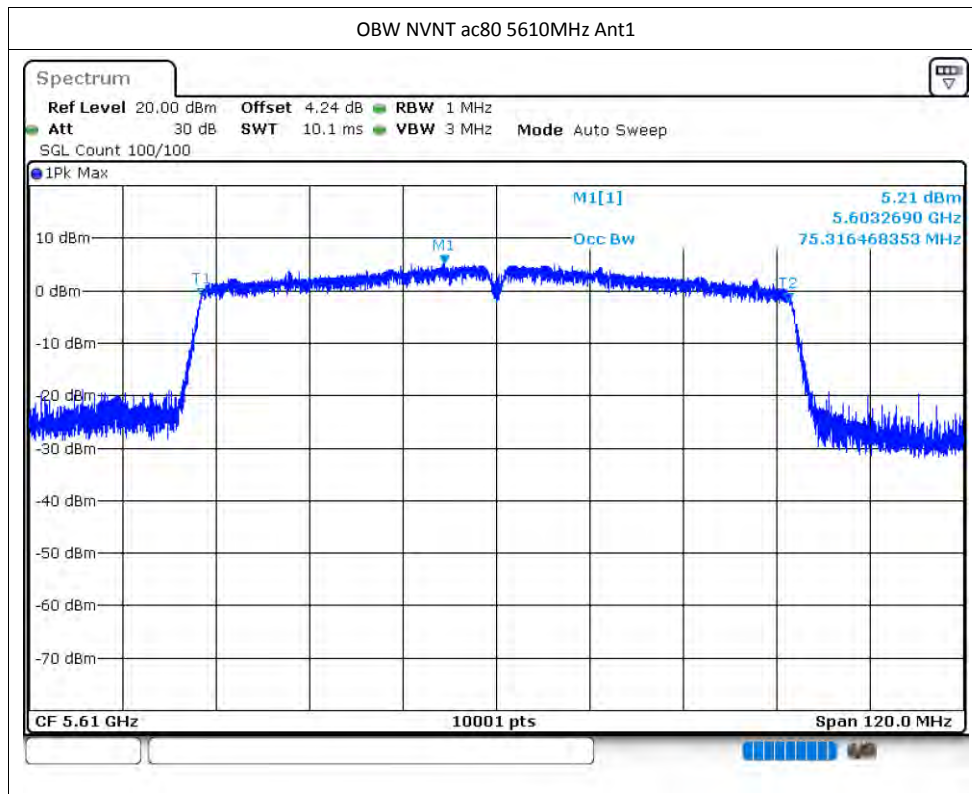










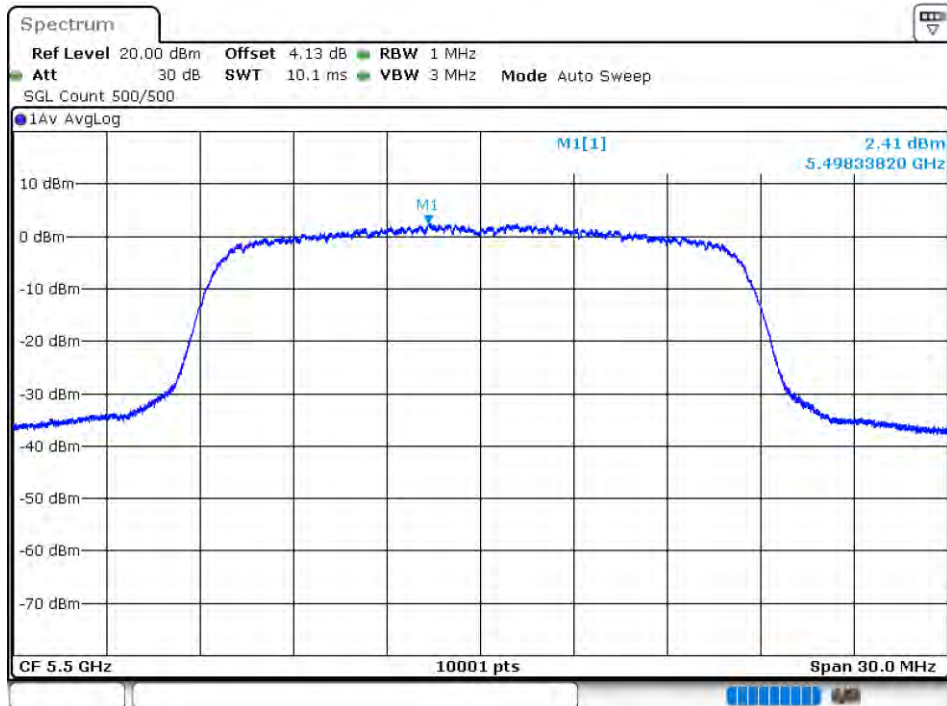


Maximum Power Spectral Density Level

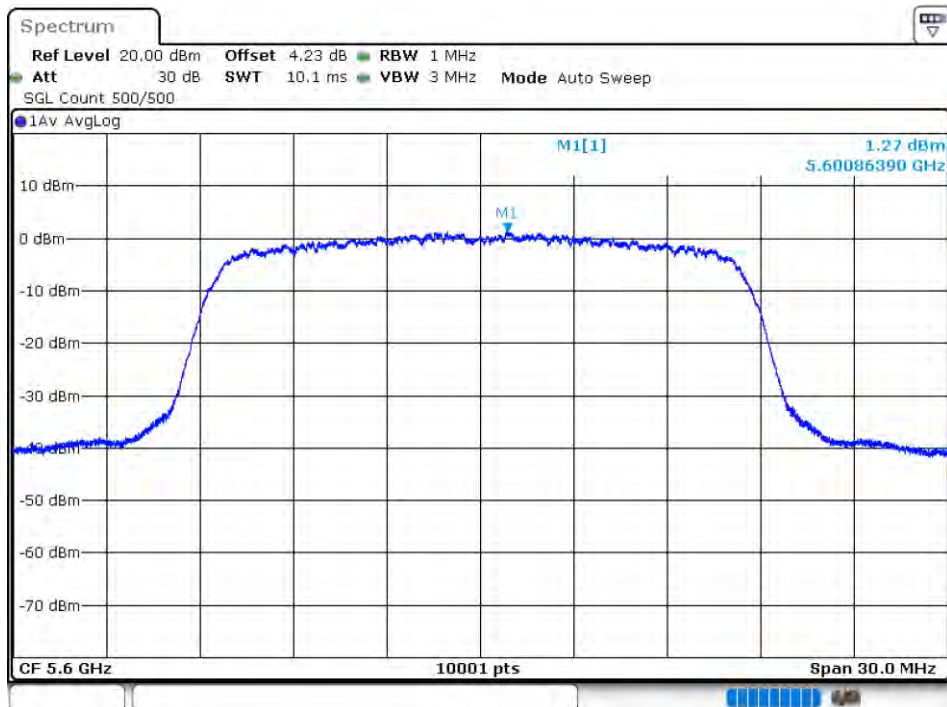
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	2.41	0.08	2.49	11	Pass
NVNT	a	5600	Ant1	1.27	0.08	1.35	11	Pass
NVNT	a	5700	Ant1	-0.56	0.08	-0.48	11	Pass
NVNT	n20	5500	Ant1	2.47	0.09	2.56	11	Pass
NVNT	n20	5600	Ant1	1	0.08	1.08	11	Pass
NVNT	n20	5700	Ant1	-1.04	0.09	-0.95	11	Pass
NVNT	n40	5510	Ant1	-2.83	0.16	-2.67	11	Pass
NVNT	n40	5590	Ant1	-2.86	0.16	-2.7	11	Pass
NVNT	n40	5670	Ant1	-3.99	0.16	-3.83	11	Pass
NVNT	ac20	5500	Ant1	1.4	0.08	1.48	11	Pass
NVNT	ac20	5600	Ant1	1.24	0.08	1.32	11	Pass
NVNT	ac20	5700	Ant1	-0.96	0.08	-0.88	11	Pass
NVNT	ac40	5510	Ant1	-3.63	0.16	-3.47	11	Pass
NVNT	ac40	5590	Ant1	-2.98	0.16	-2.82	11	Pass
NVNT	ac40	5670	Ant1	-3.51	0.16	-3.35	11	Pass
NVNT	ac80	5530	Ant1	-9.94	0.31	-9.63	11	Pass
NVNT	ac80	5610	Ant1	-8.22	0.31	-7.91	11	Pass

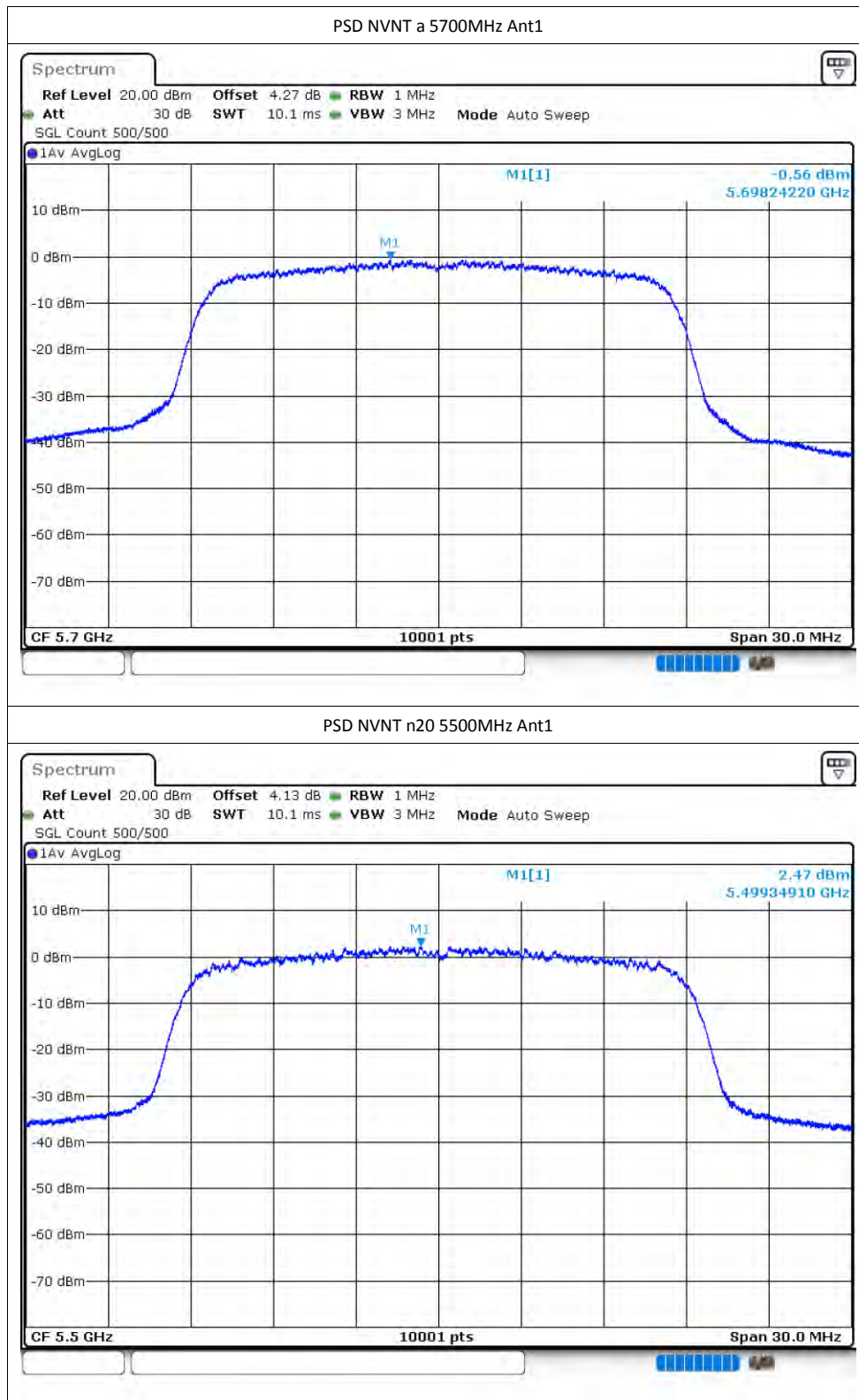
Test Graphs

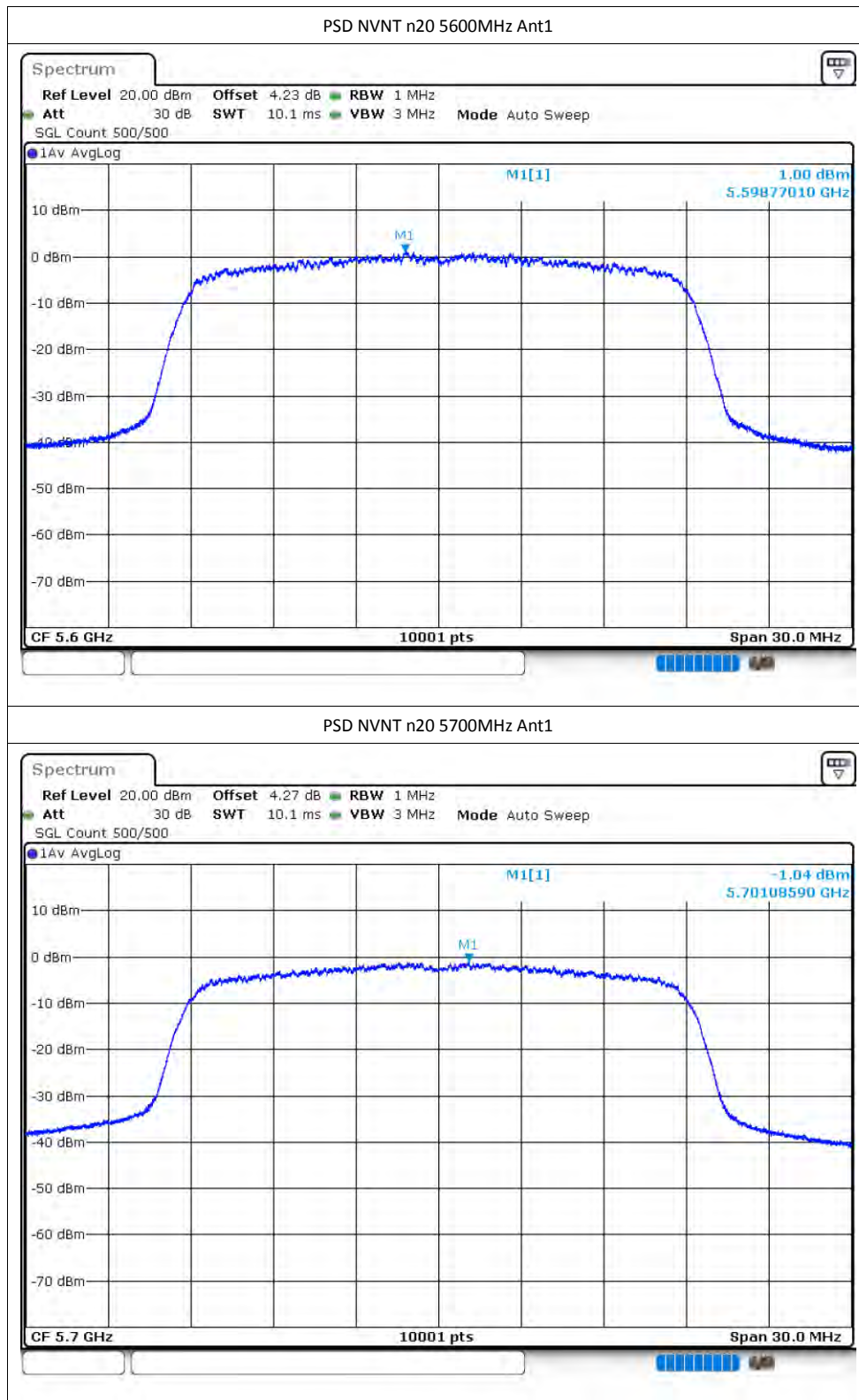
PSD NVNT a 5500MHz Ant1

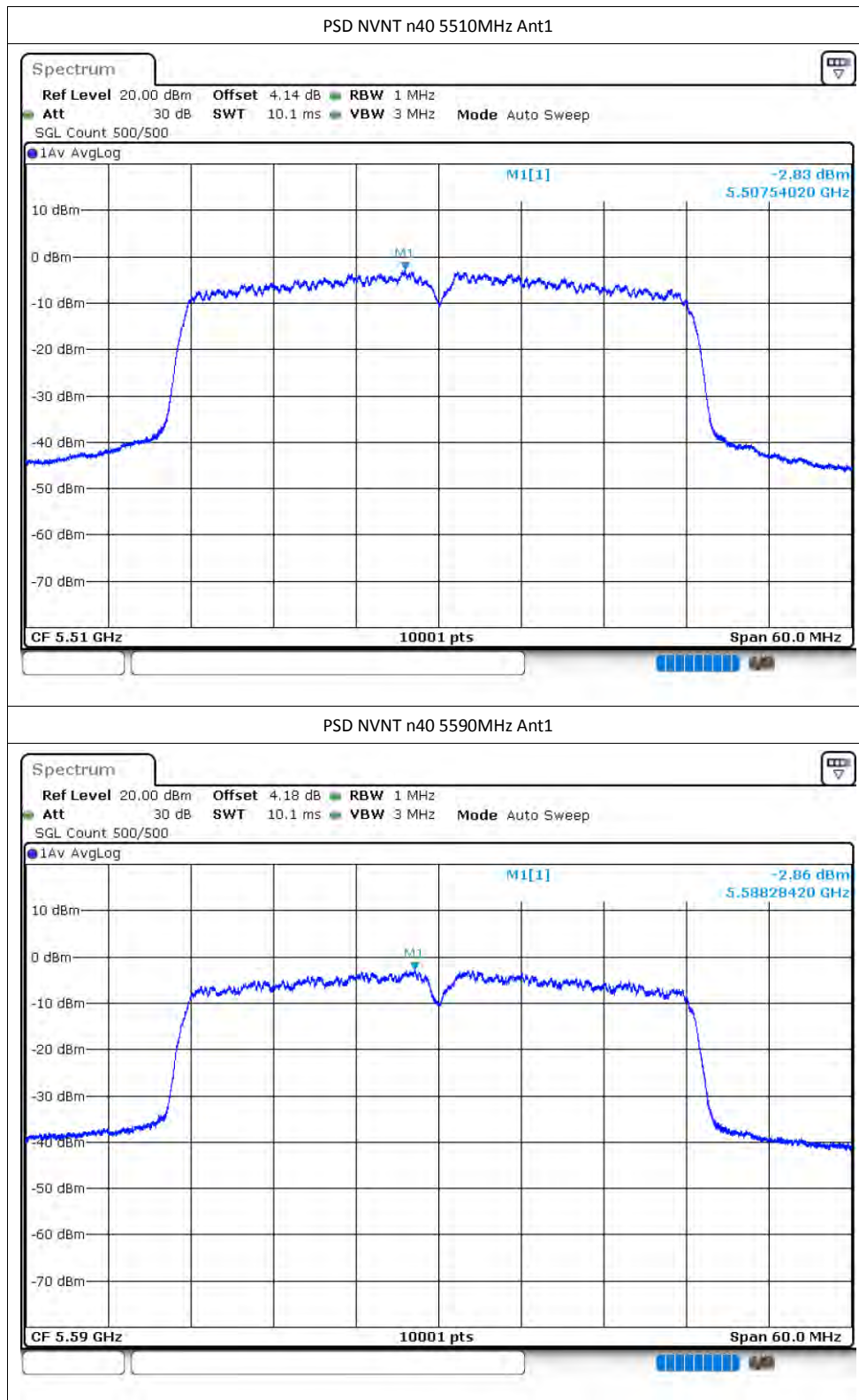


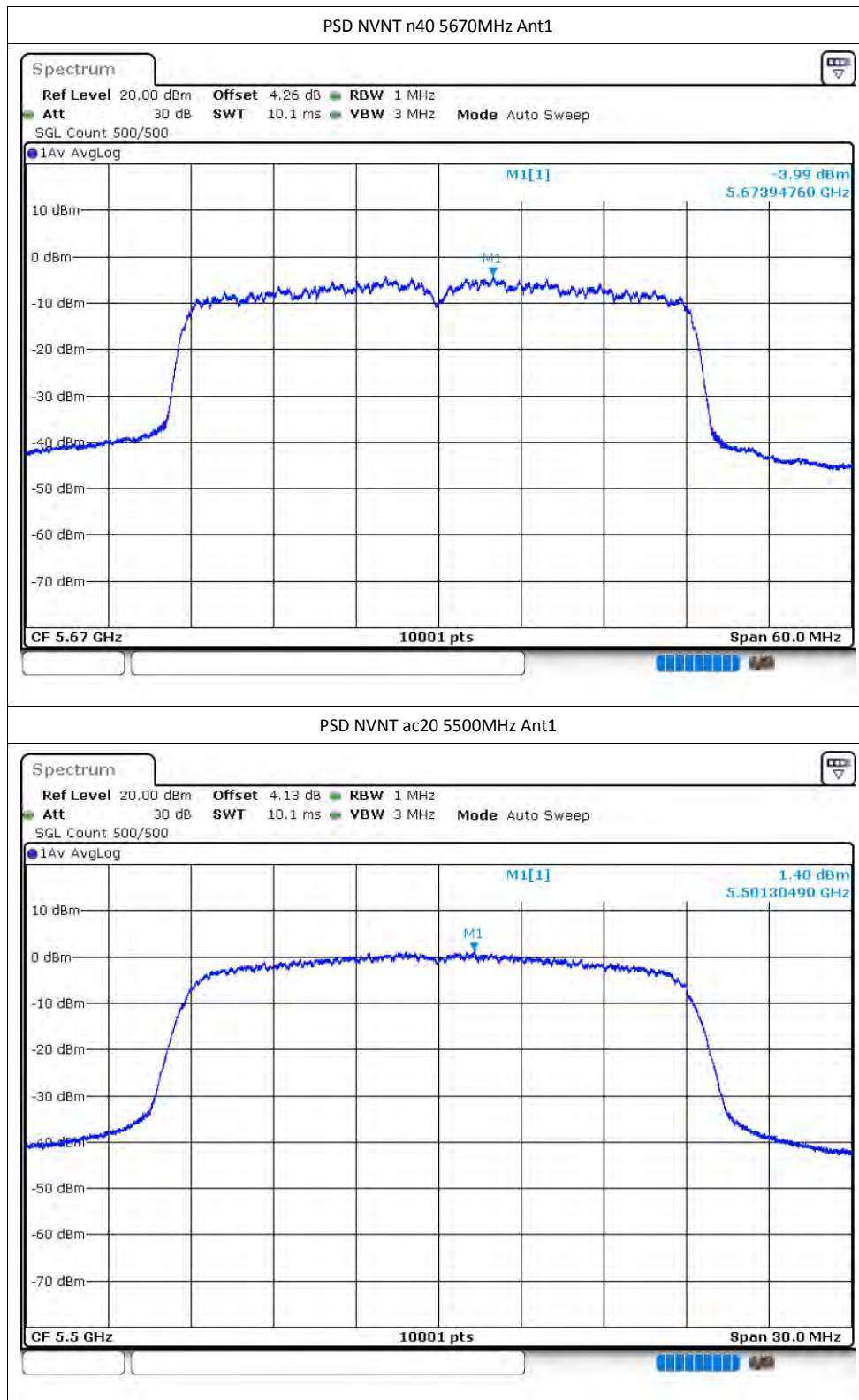
PSD NVNT a 5600MHz Ant1

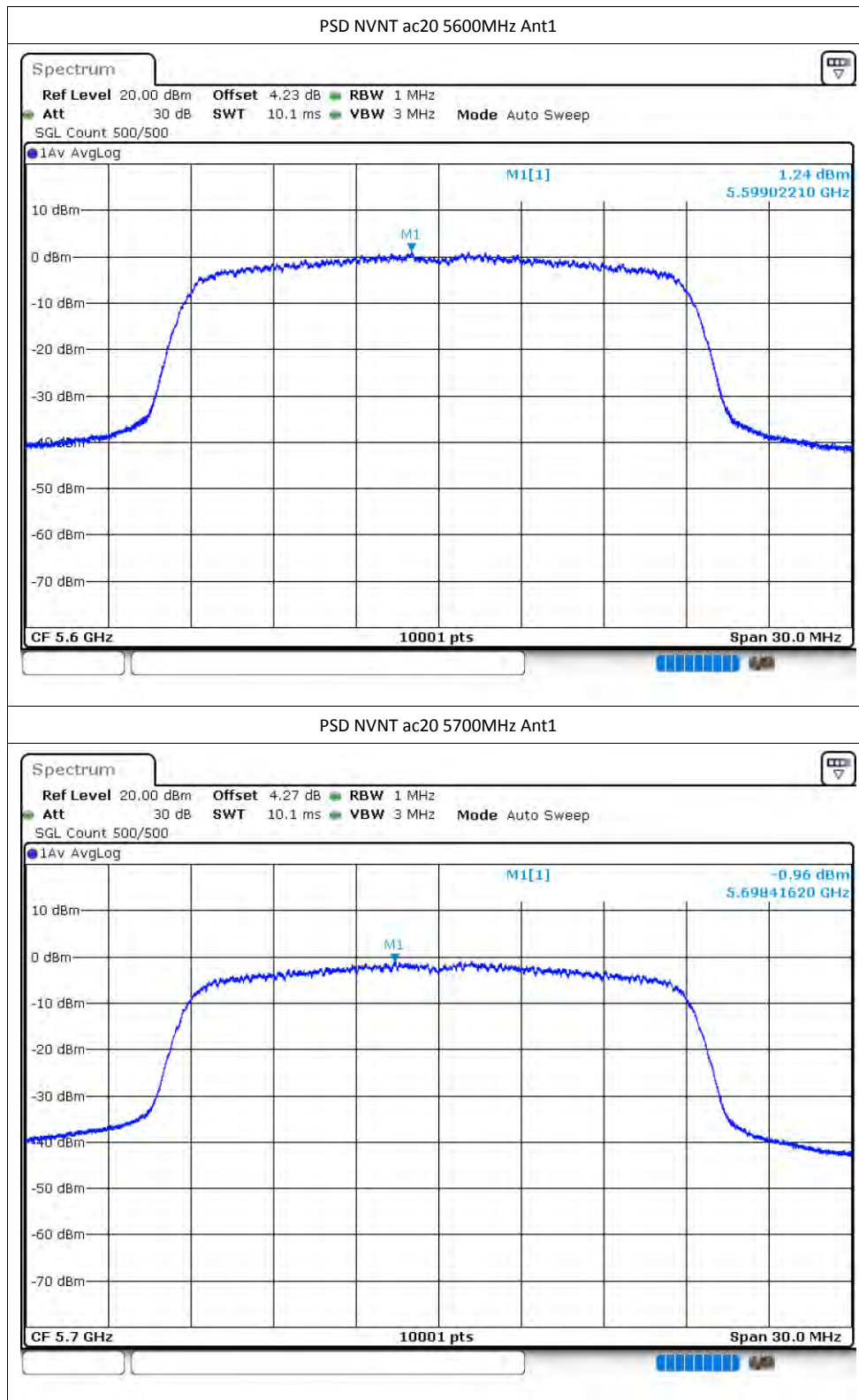


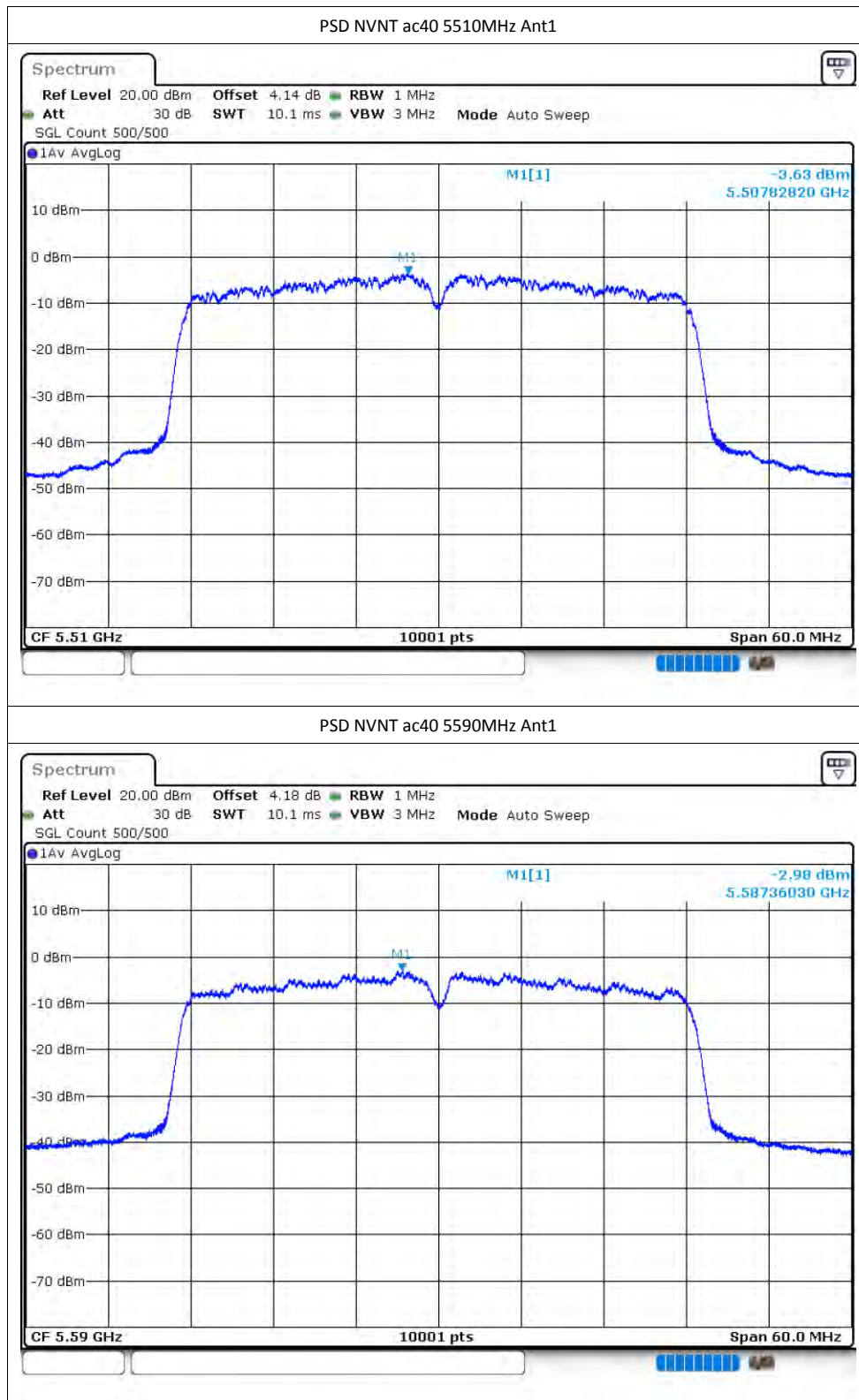


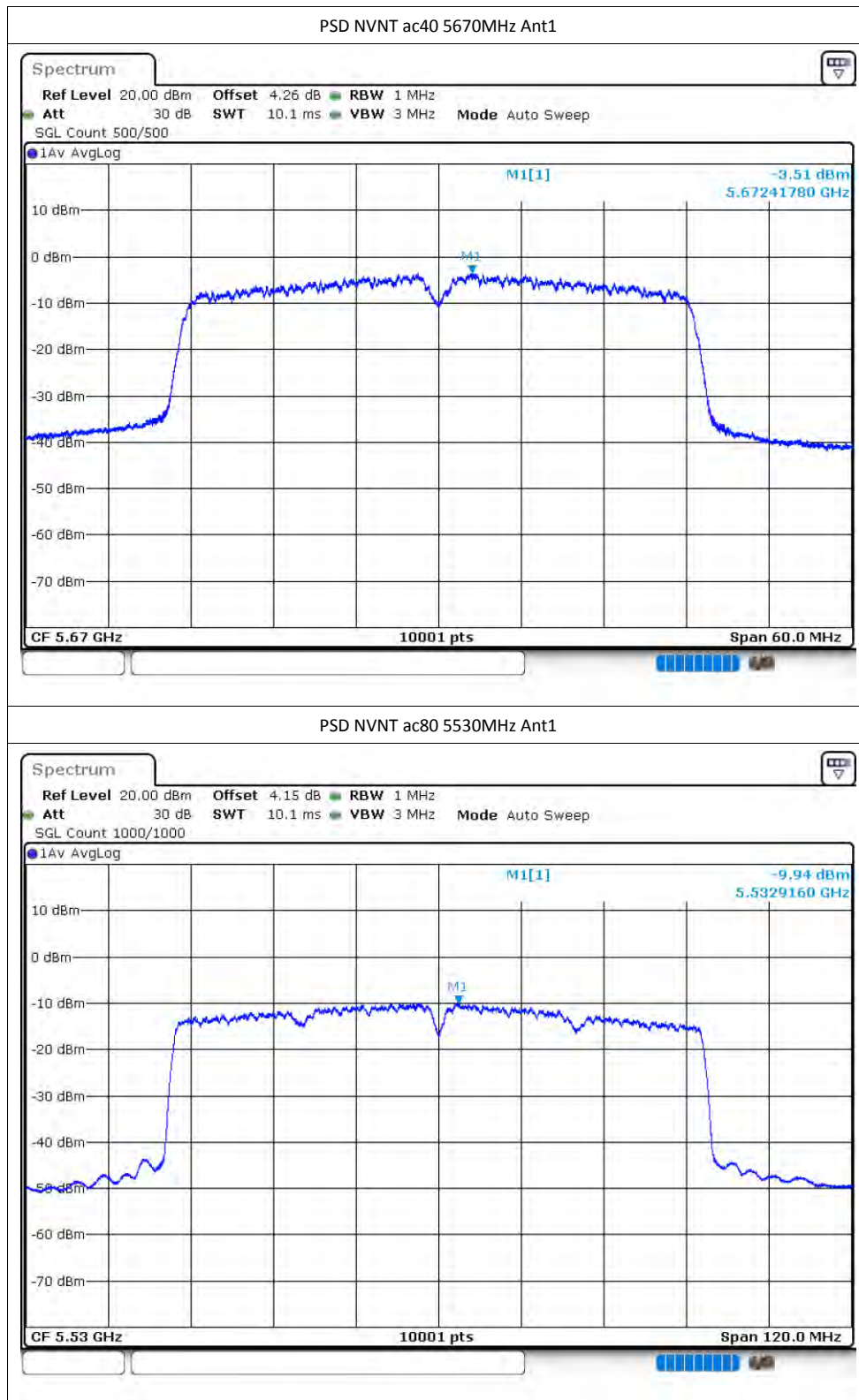


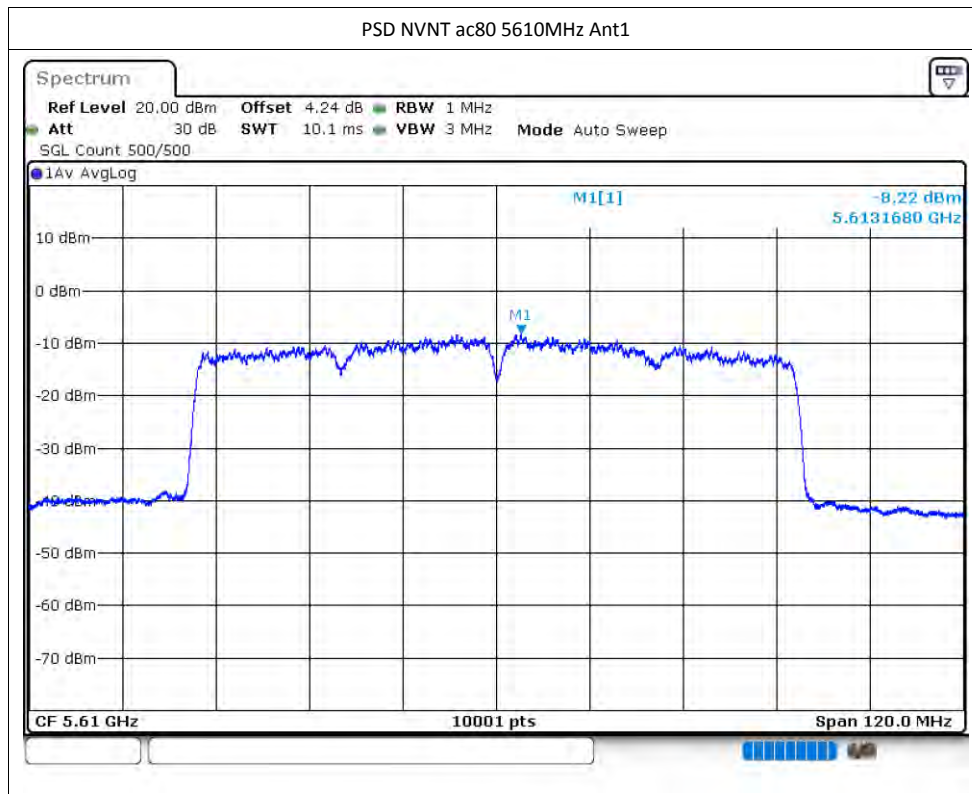












Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-27.78	-27	Pass
NVNT	a	5700	Ant1	-29.27	-27	Pass
NVNT	n20	5500	Ant1	-27.78	-27	Pass
NVNT	n20	5700	Ant1	-29.59	-27	Pass
NVNT	n40	5510	Ant1	-27.26	-27	Pass
NVNT	n40	5670	Ant1	-29.64	-27	Pass
NVNT	ac20	5500	Ant1	-28.29	-27	Pass
NVNT	ac20	5700	Ant1	-29.68	-27	Pass
NVNT	ac40	5510	Ant1	-28.73	-27	Pass
NVNT	ac40	5670	Ant1	-27.43	-27	Pass
NVNT	ac80	5530	Ant1	-27.06	-27	Pass
NVNT	ac80	5610	Ant1	-32.71	-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

