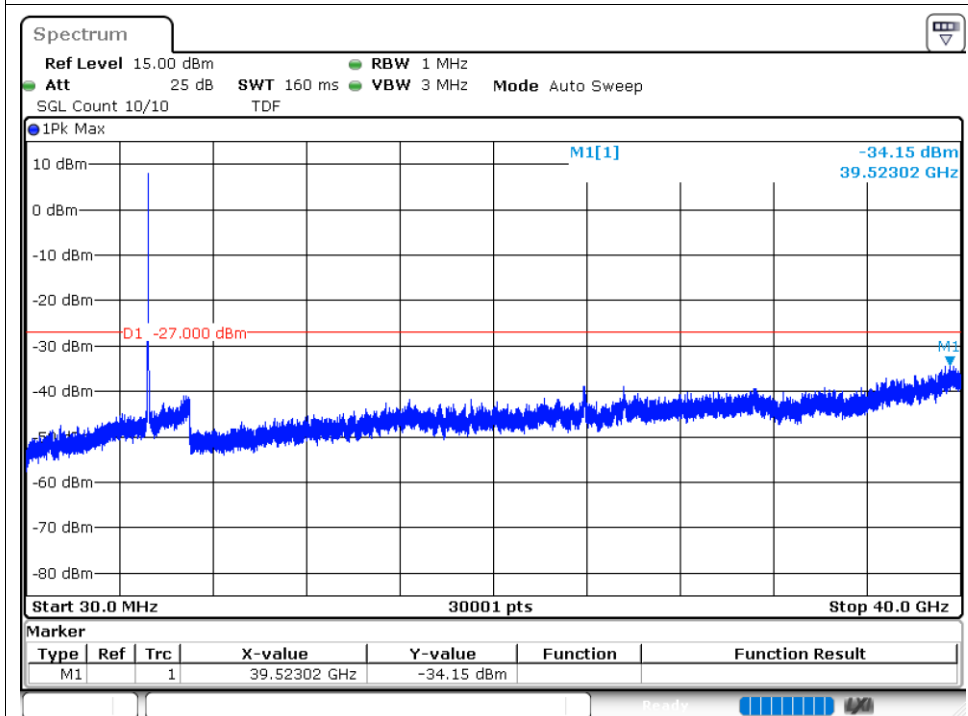
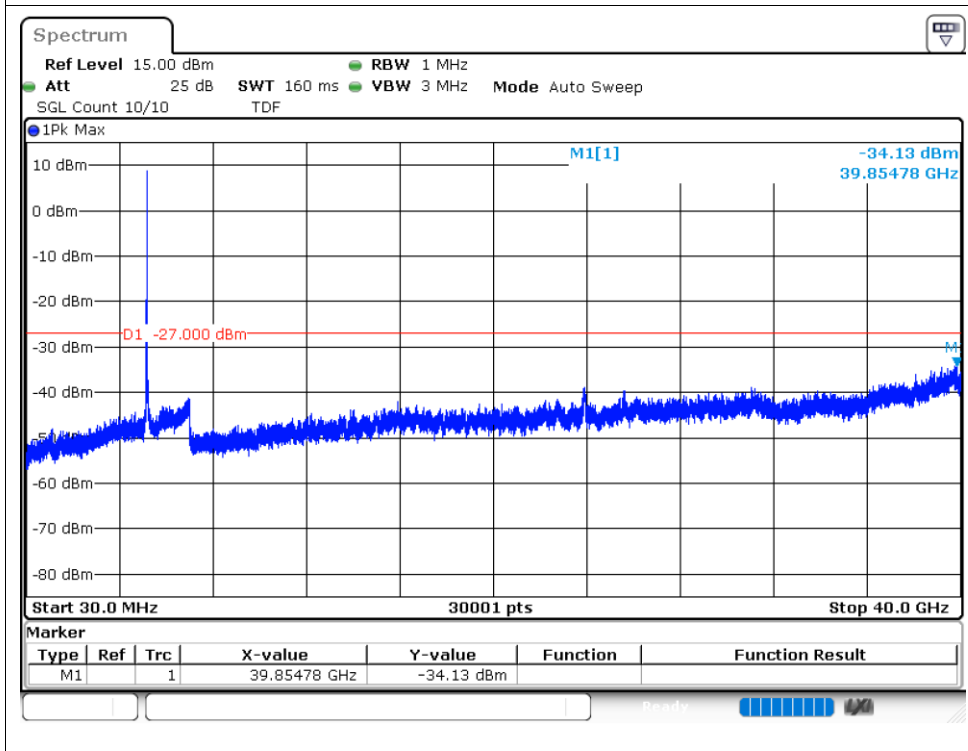
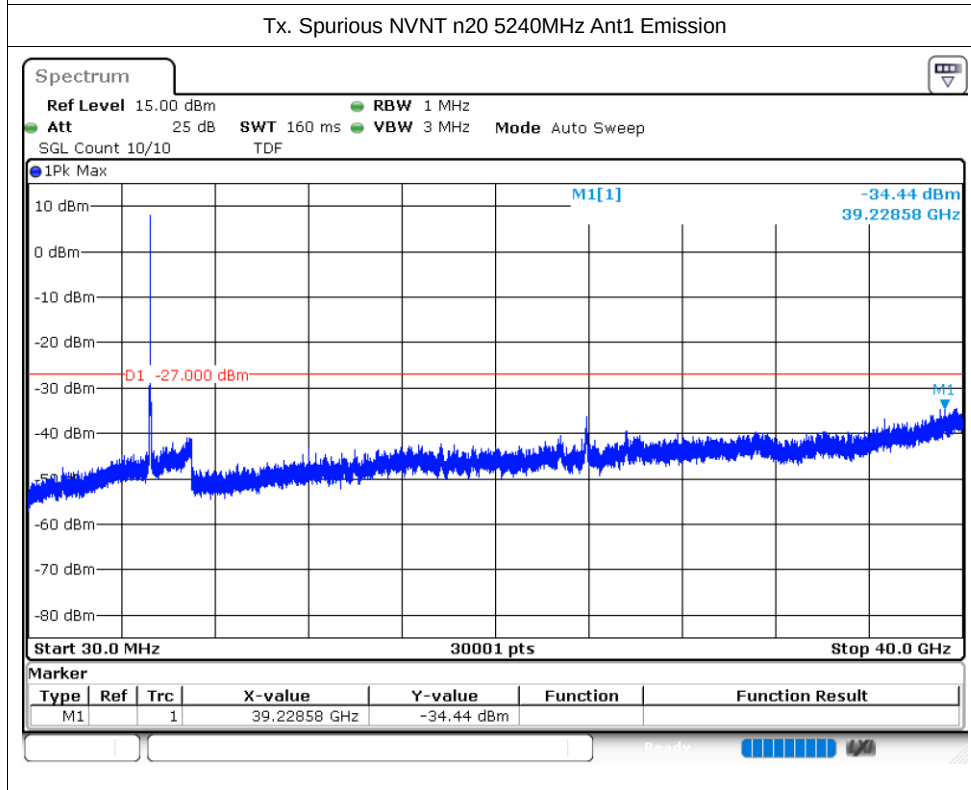
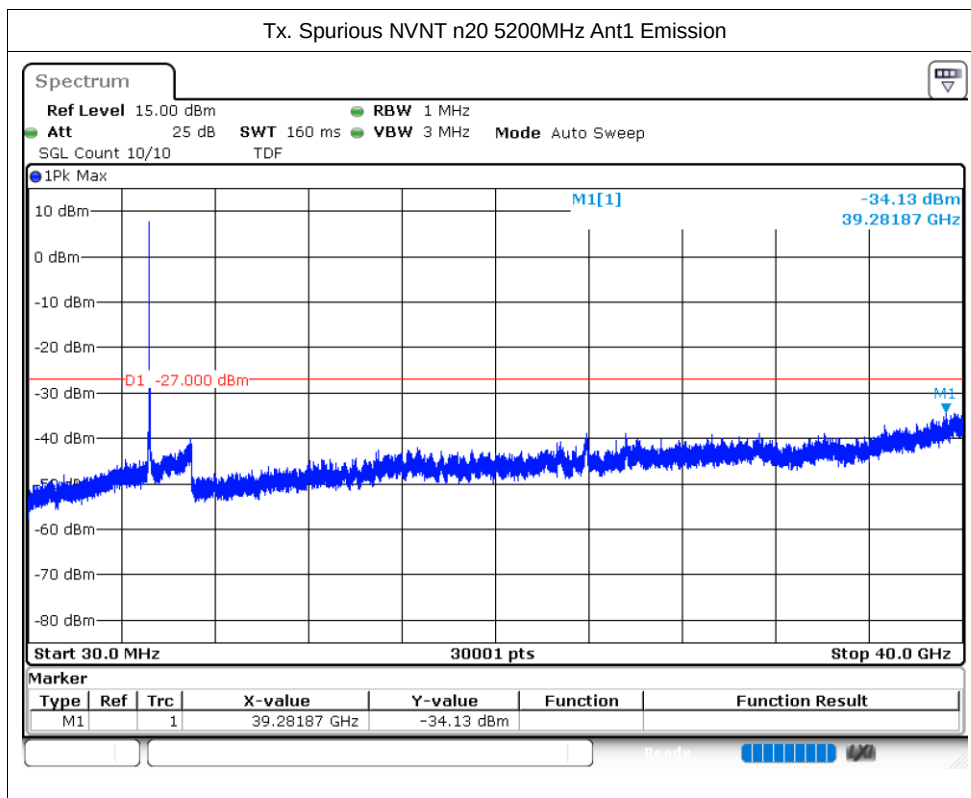


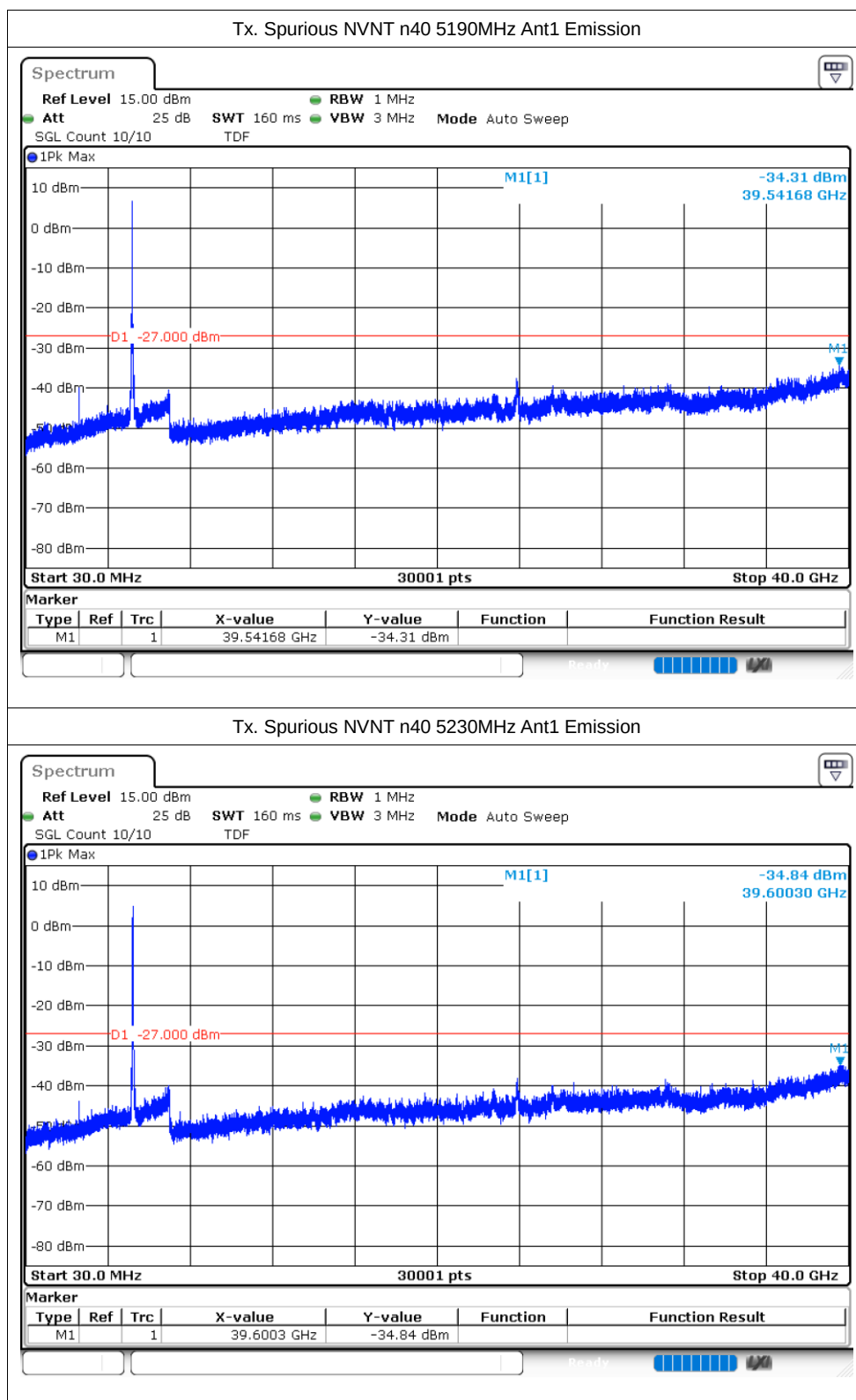
Tx. Spurious NVNT a 5240MHz Ant1 Emission

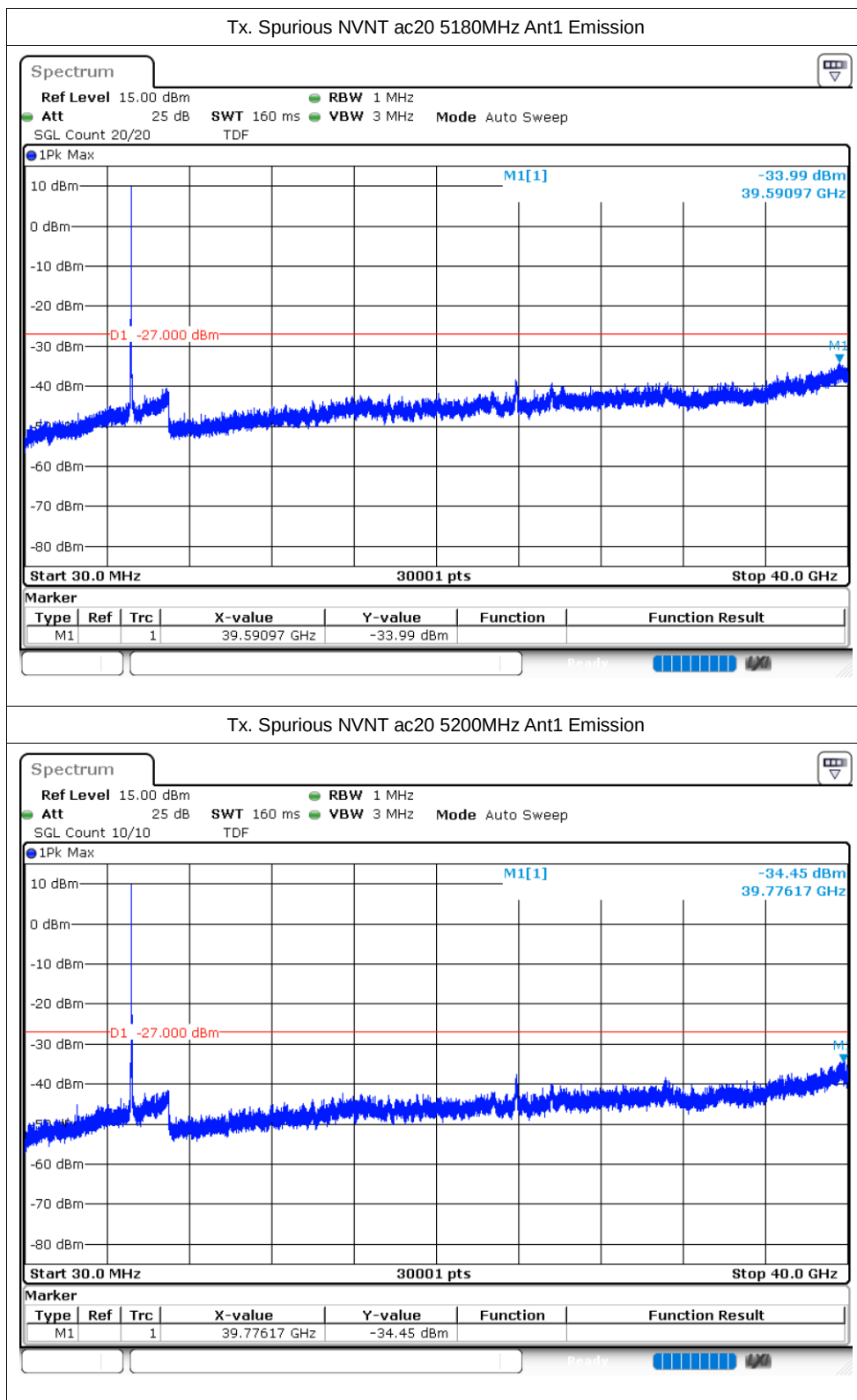


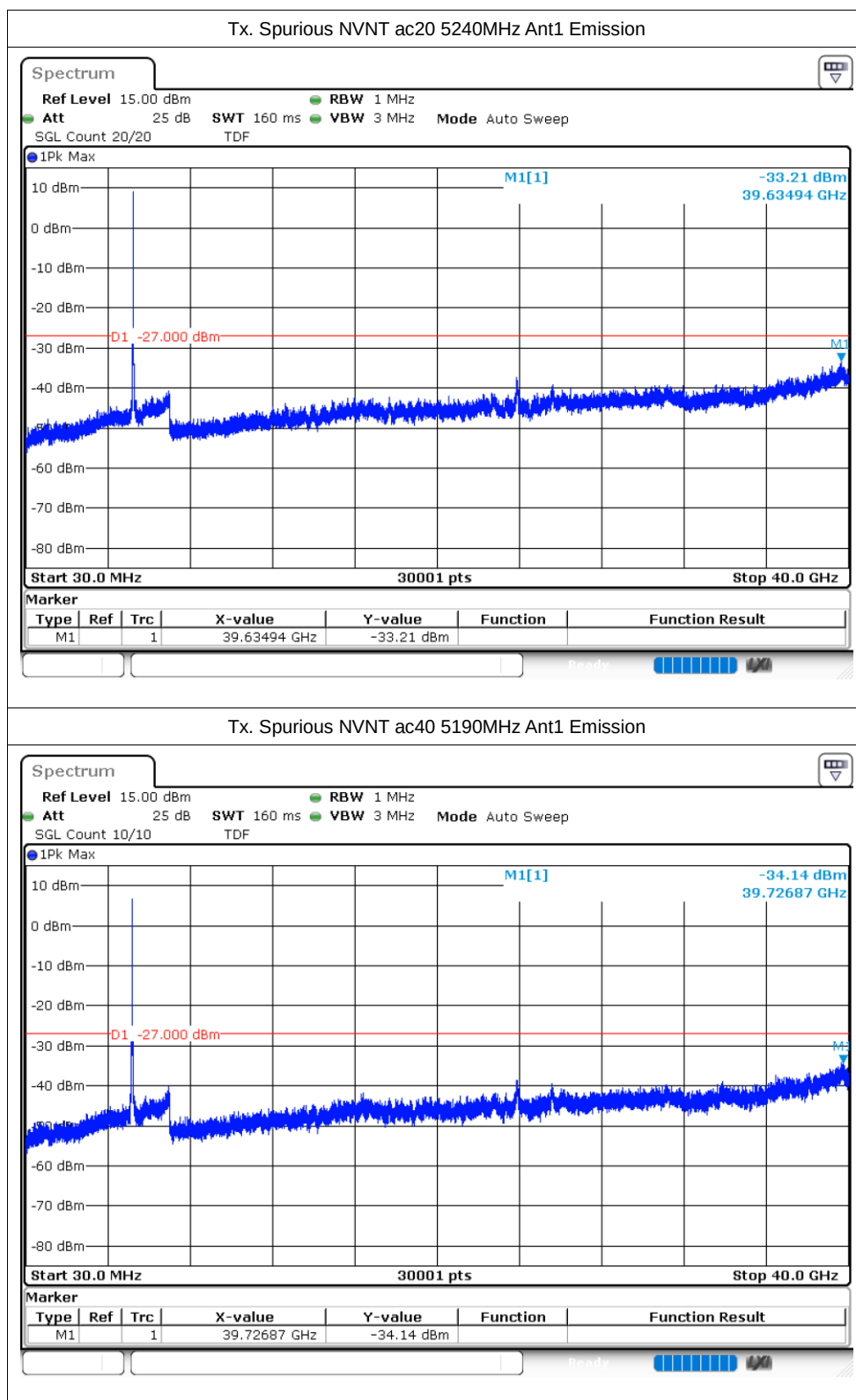
Tx. Spurious NVNT n20 5180MHz Ant1 Emission

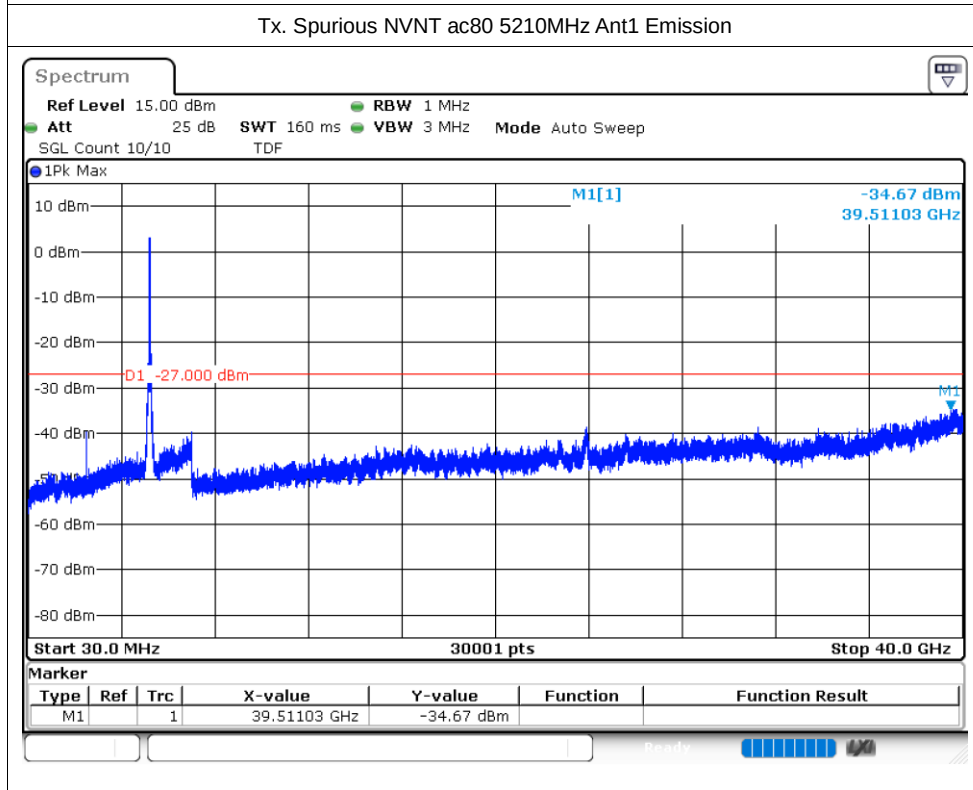
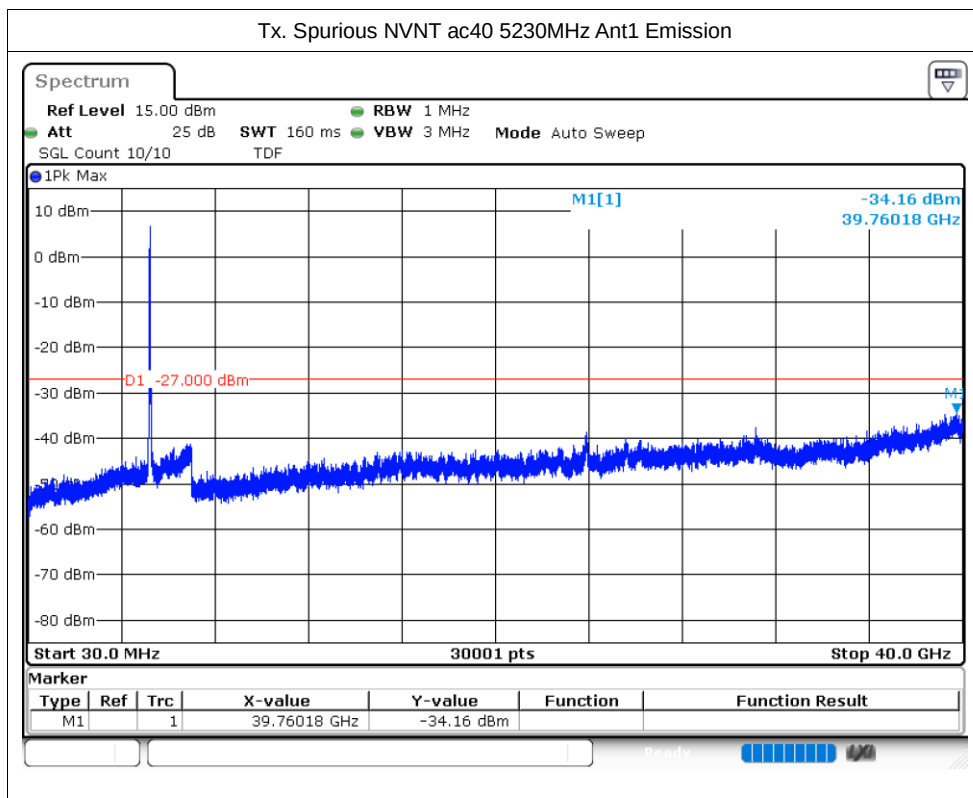








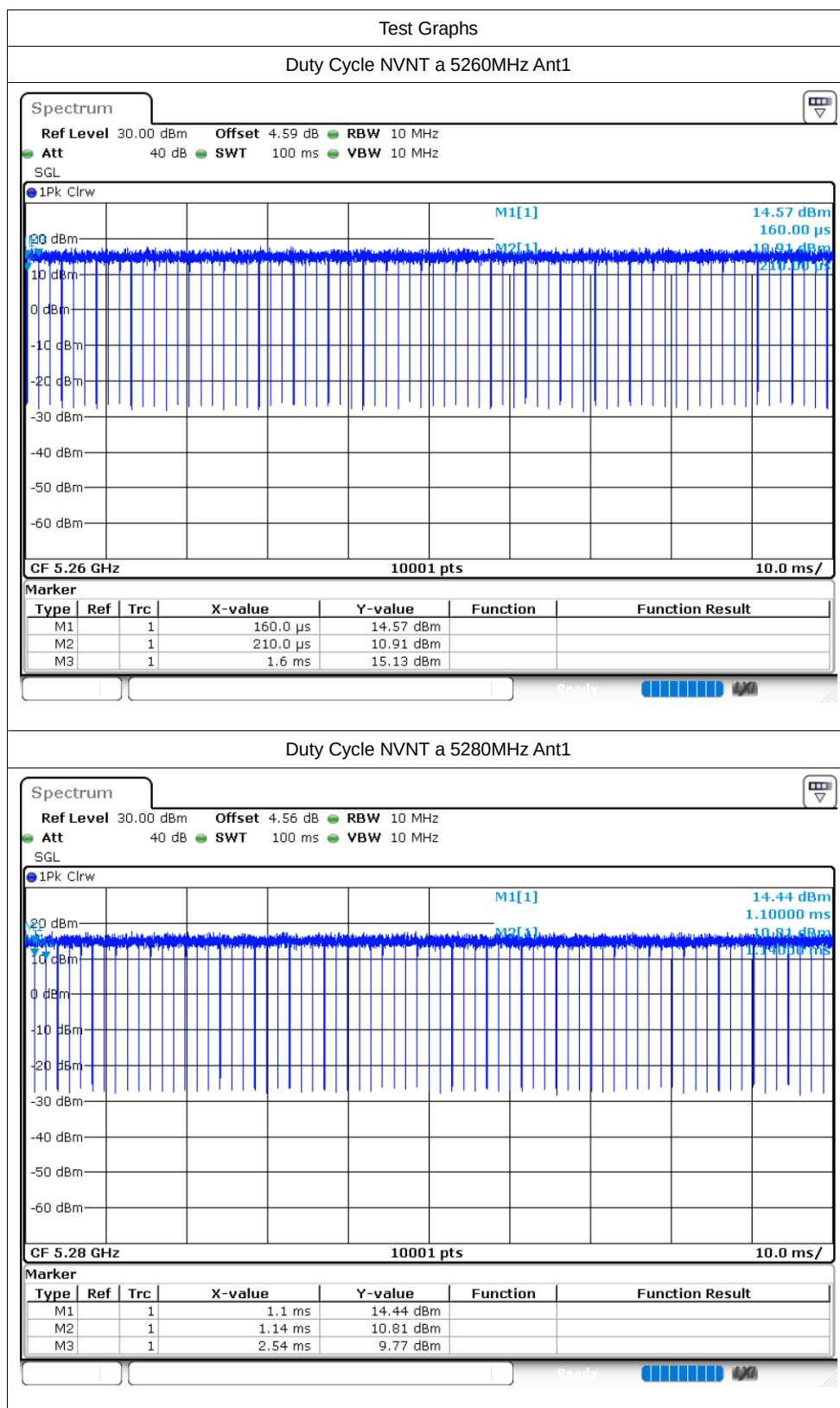


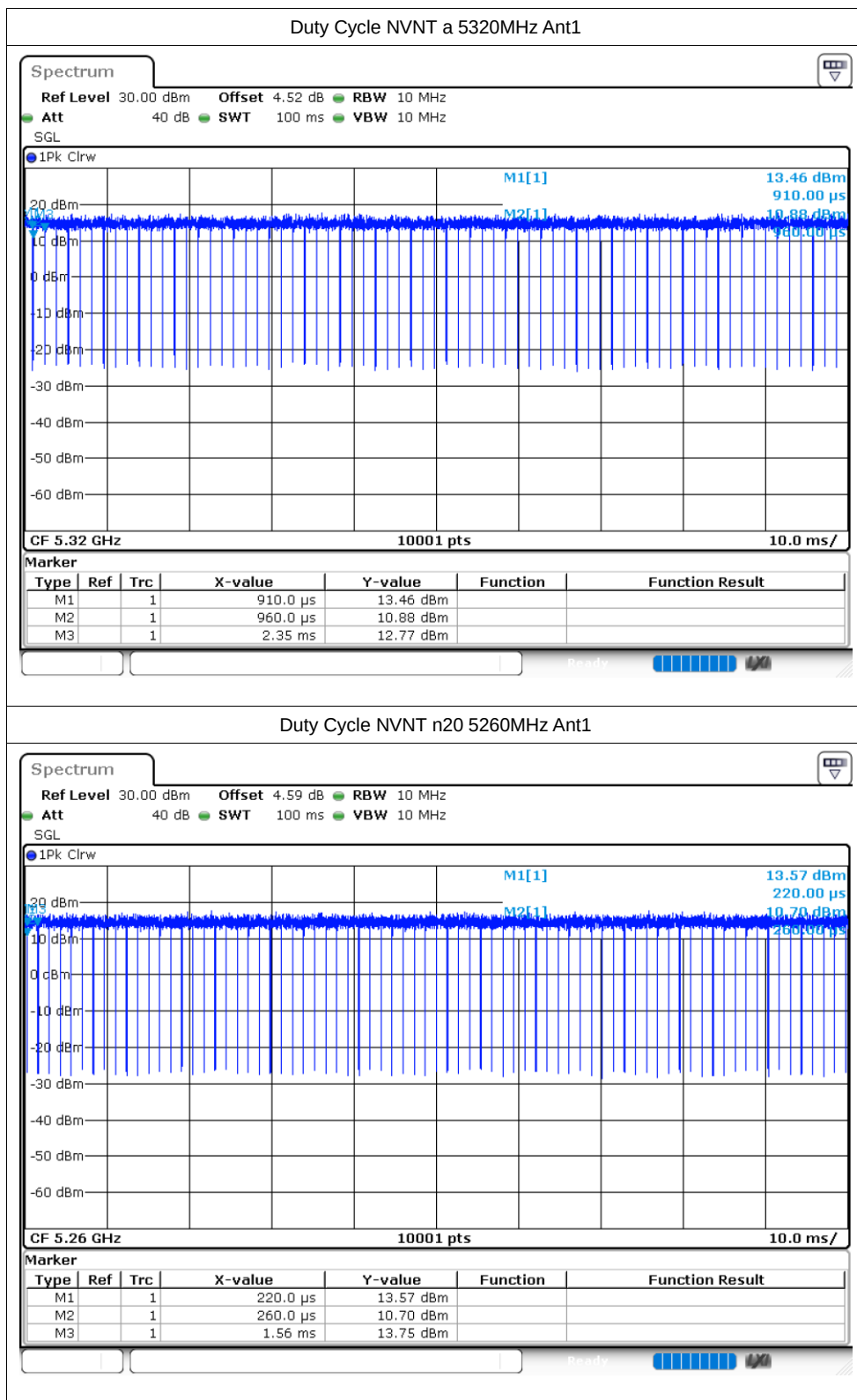


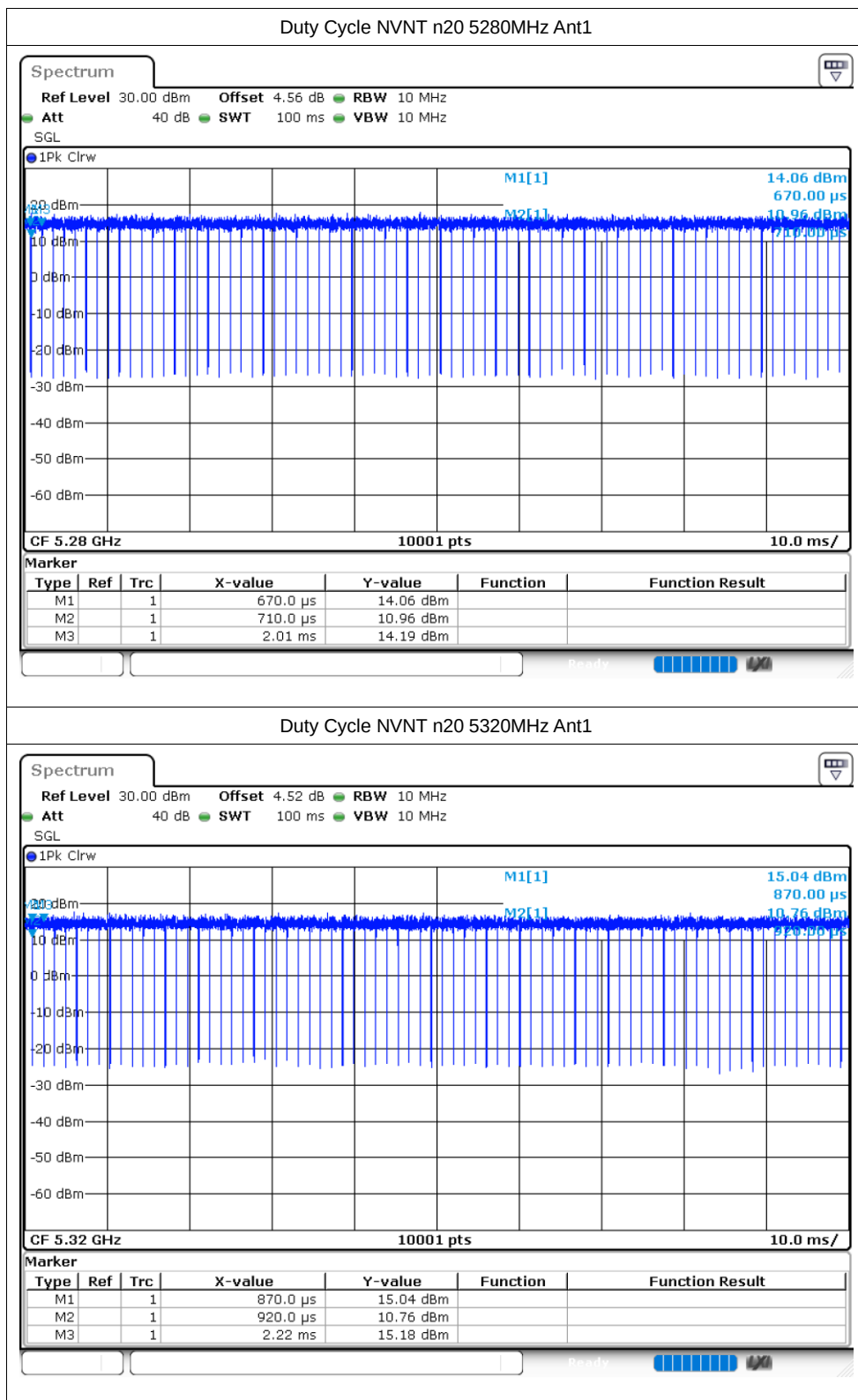
WIFI 5.3G

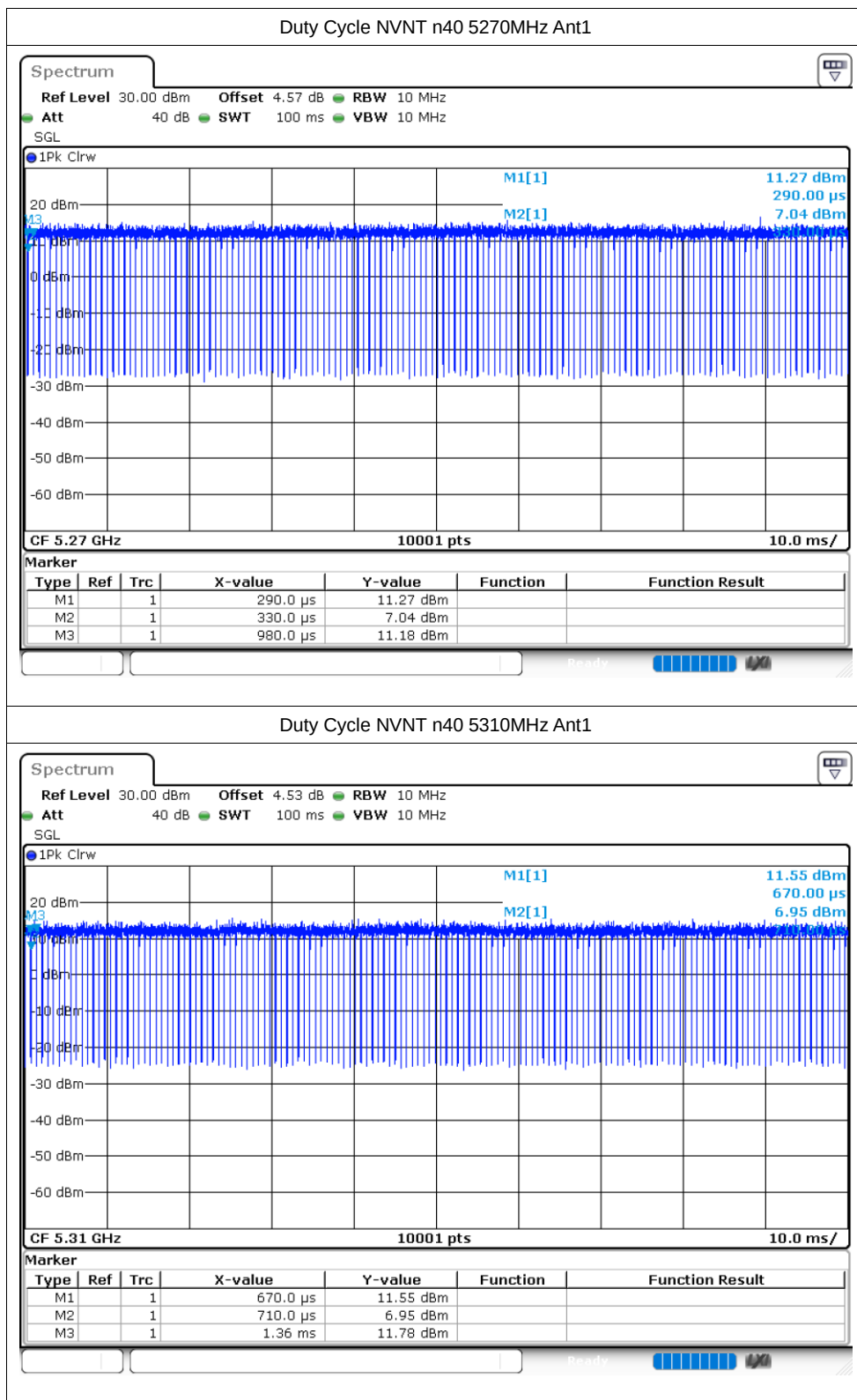
Duty Cycle

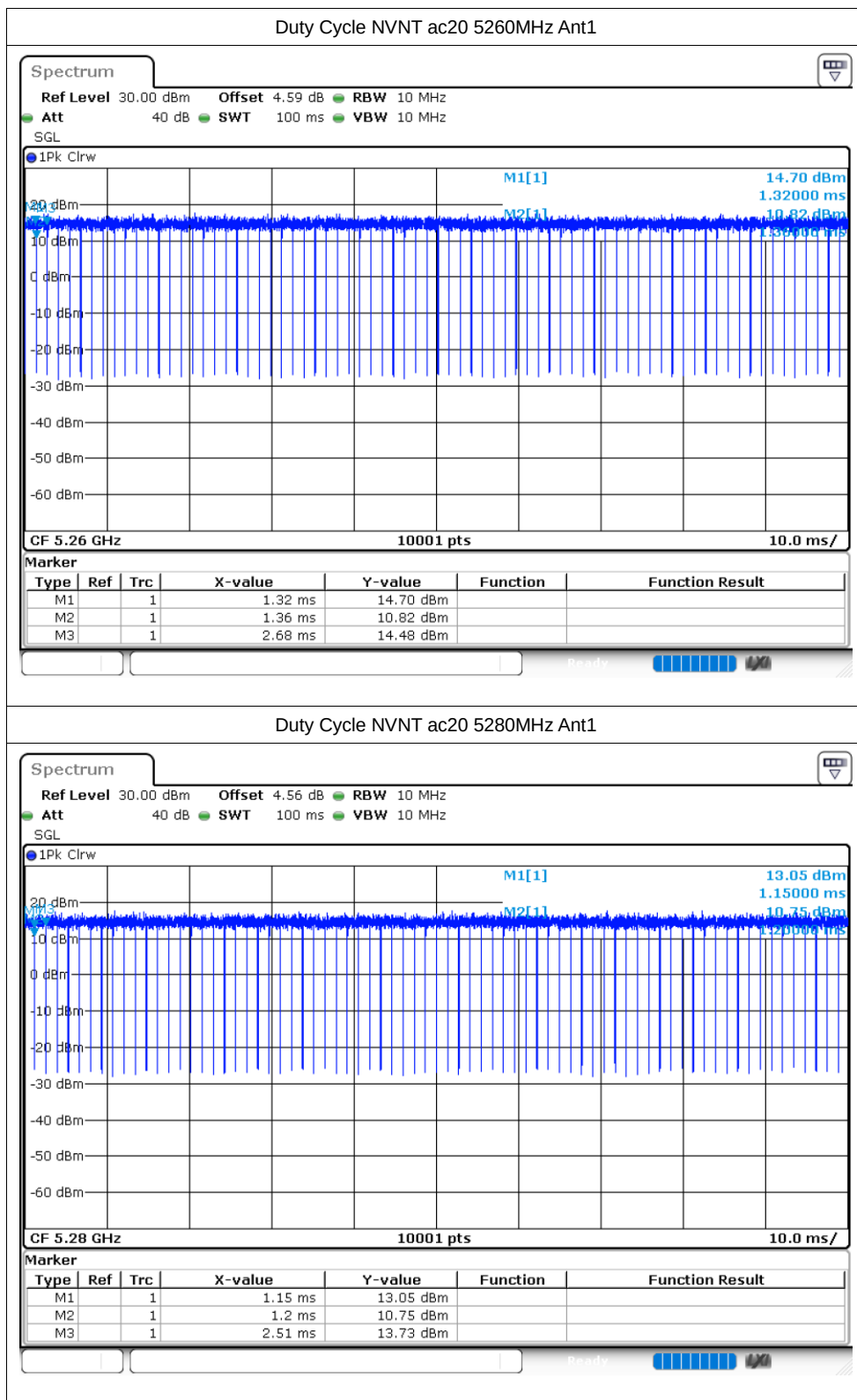
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	97.56	0.11	0.72
NVNT	a	5280	Ant1	97.63	0.1	0.71
NVNT	a	5320	Ant1	97.61	0.11	0.72
NVNT	n20	5260	Ant1	97.41	0.11	0.77
NVNT	n20	5280	Ant1	97.43	0.11	0.77
NVNT	n20	5320	Ant1	97.43	0.11	0.77
NVNT	n40	5270	Ant1	95.04	0.22	1.54
NVNT	n40	5310	Ant1	95.05	0.22	1.54
NVNT	ac20	5260	Ant1	97.47	0.11	0.76
NVNT	ac20	5280	Ant1	97.48	0.11	0.76
NVNT	ac20	5320	Ant1	97.45	0.11	0.76
NVNT	ac40	5270	Ant1	95.08	0.22	1.54
NVNT	ac40	5310	Ant1	95.09	0.22	1.52
NVNT	ac80	5290	Ant1	90.68	0.42	3.12

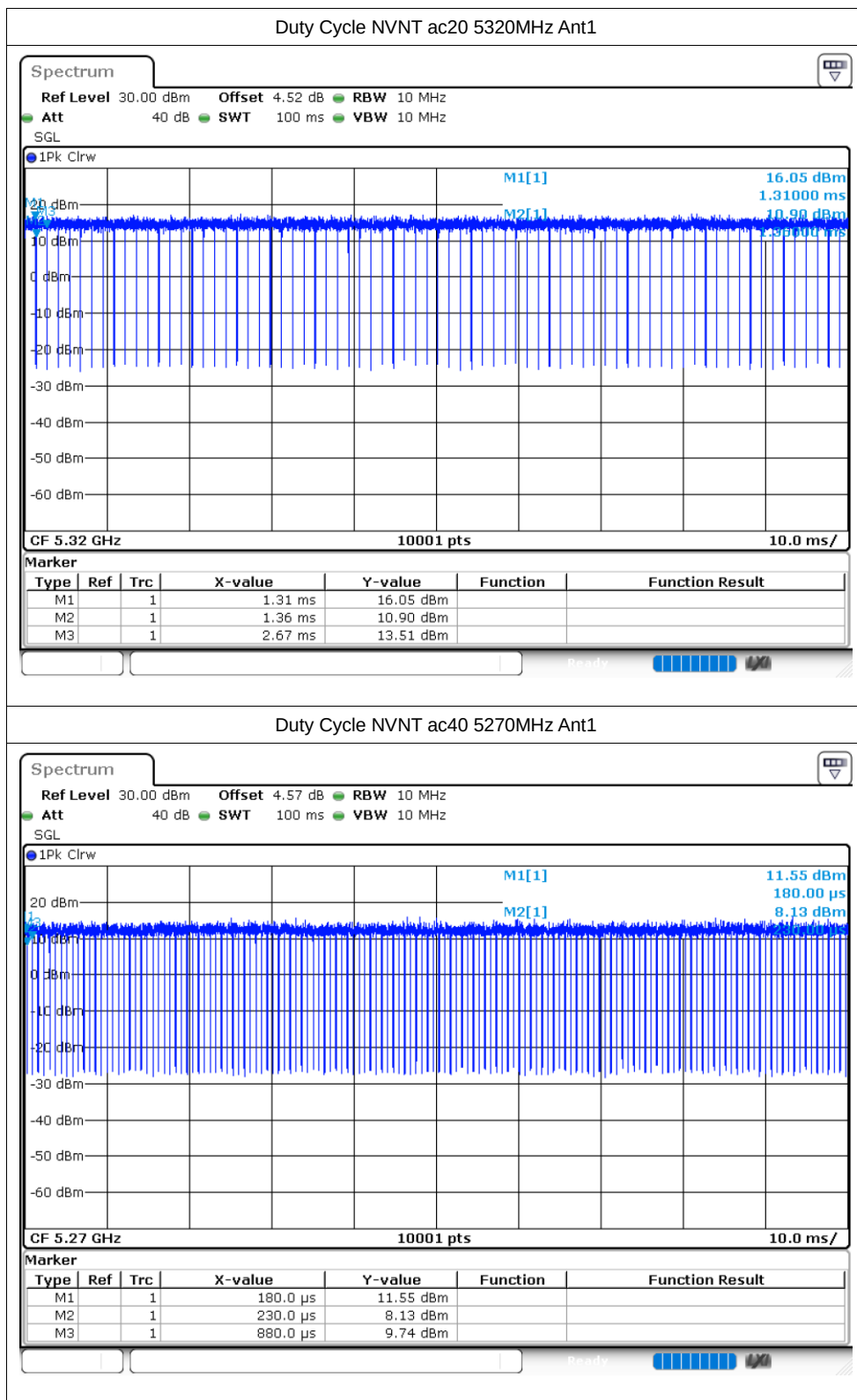


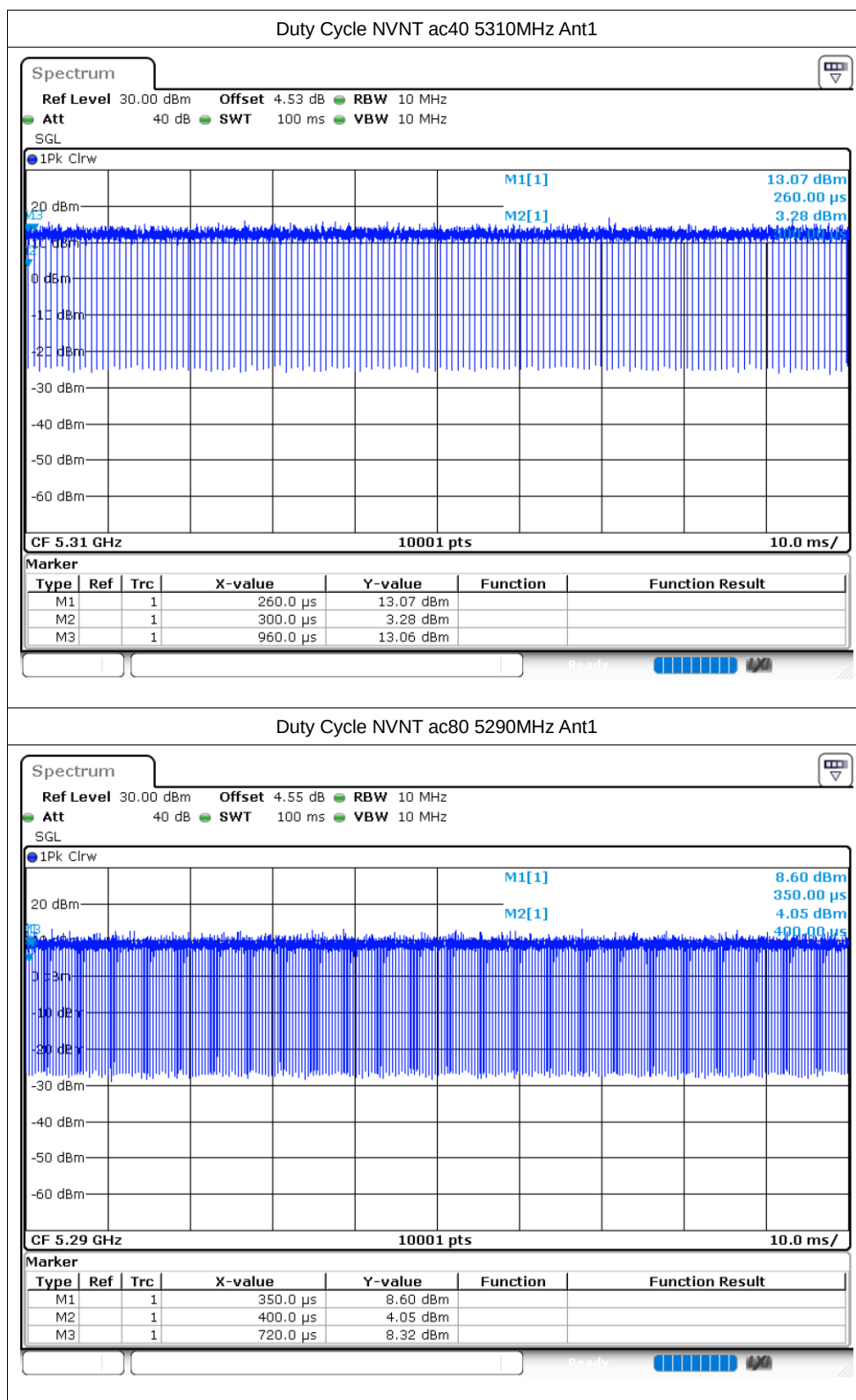












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	10.75	0.11	10.86	24	Pass
NVNT	a	5280	Ant1	10.74	0.1	10.84	24	Pass
NVNT	a	5320	Ant1	10.92	0.11	11.03	24	Pass
NVNT	n20	5260	Ant1	10.51	0.11	10.62	24	Pass
NVNT	n20	5280	Ant1	10.73	0.11	10.84	24	Pass
NVNT	n20	5320	Ant1	10.84	0.11	10.95	24	Pass
NVNT	n40	5270	Ant1	10.76	0.22	10.98	24	Pass
NVNT	n40	5310	Ant1	10.28	0.22	10.5	24	Pass
NVNT	ac20	5260	Ant1	10.75	0.11	10.86	24	Pass
NVNT	ac20	5280	Ant1	10.54	0.11	10.65	24	Pass
NVNT	ac20	5320	Ant1	10.56	0.11	10.67	24	Pass
NVNT	ac40	5270	Ant1	10.45	0.22	10.67	24	Pass
NVNT	ac40	5310	Ant1	10.69	0.22	10.91	24	Pass
NVNT	ac80	5290	Ant1	10.42	0.42	10.84	24	Pass

-26dB Bandwidth

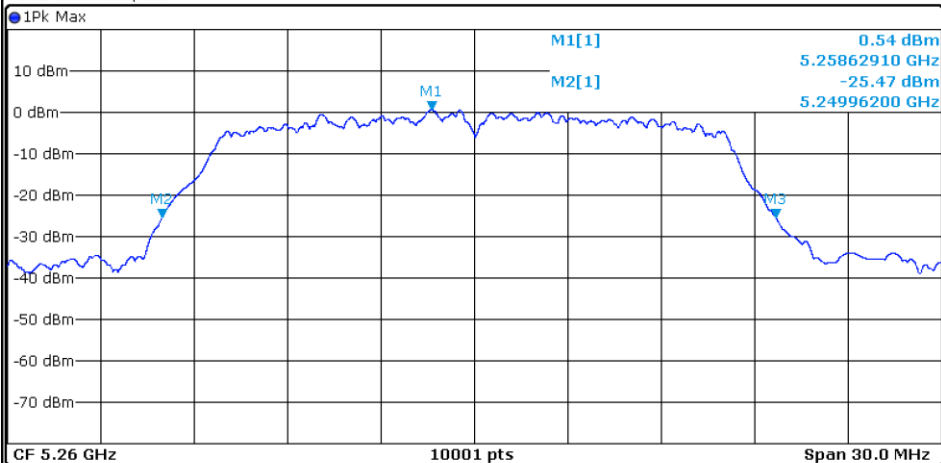
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	19.719	0.5	Pass
NVNT	a	5280	Ant1	19.785	0.5	Pass
NVNT	a	5320	Ant1	20.07	0.5	Pass
NVNT	n20	5260	Ant1	20.256	0.5	Pass
NVNT	n20	5280	Ant1	20.811	0.5	Pass
NVNT	n20	5320	Ant1	20.295	0.5	Pass
NVNT	n40	5270	Ant1	41.232	0.5	Pass
NVNT	n40	5310	Ant1	40.968	0.5	Pass
NVNT	ac20	5260	Ant1	20.271	0.5	Pass
NVNT	ac20	5280	Ant1	20.508	0.5	Pass
NVNT	ac20	5320	Ant1	20.613	0.5	Pass
NVNT	ac40	5270	Ant1	40.536	0.5	Pass
NVNT	ac40	5310	Ant1	41.772	0.5	Pass
NVNT	ac80	5290	Ant1	81.096	0.5	Pass

Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant1

Spectrum

Ref Level 20.00 dBm **Offset** 4.59 dB **RBW** 300 kHz
Att 35 dB **SWT** 25.4 μ s **VBW** 1 MHz **Mode** Auto FFT
SGL Count 100/100



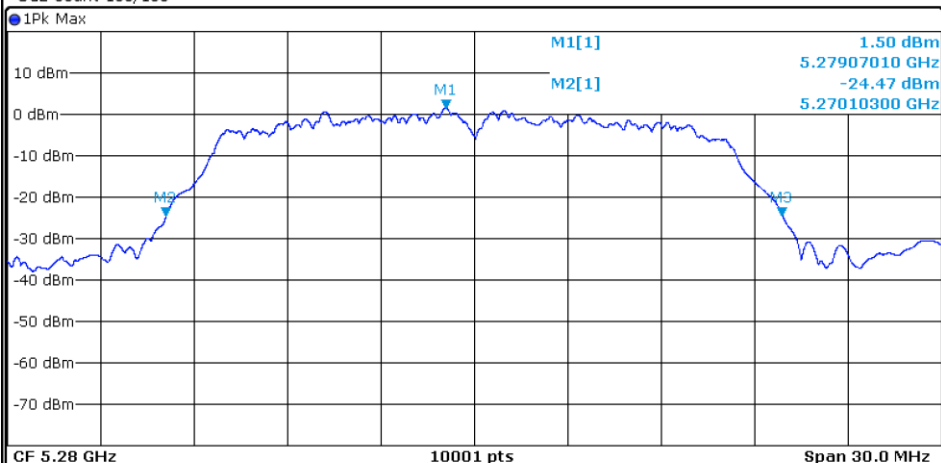
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.2586291 GHz	0.54 dBm		
M2	1	1	5.249962 GHz	-25.47 dBm		
M3	1	1	5.269681 GHz	-25.45 dBm		

-26dB Bandwidth NVNT a 5280MHz Ant1

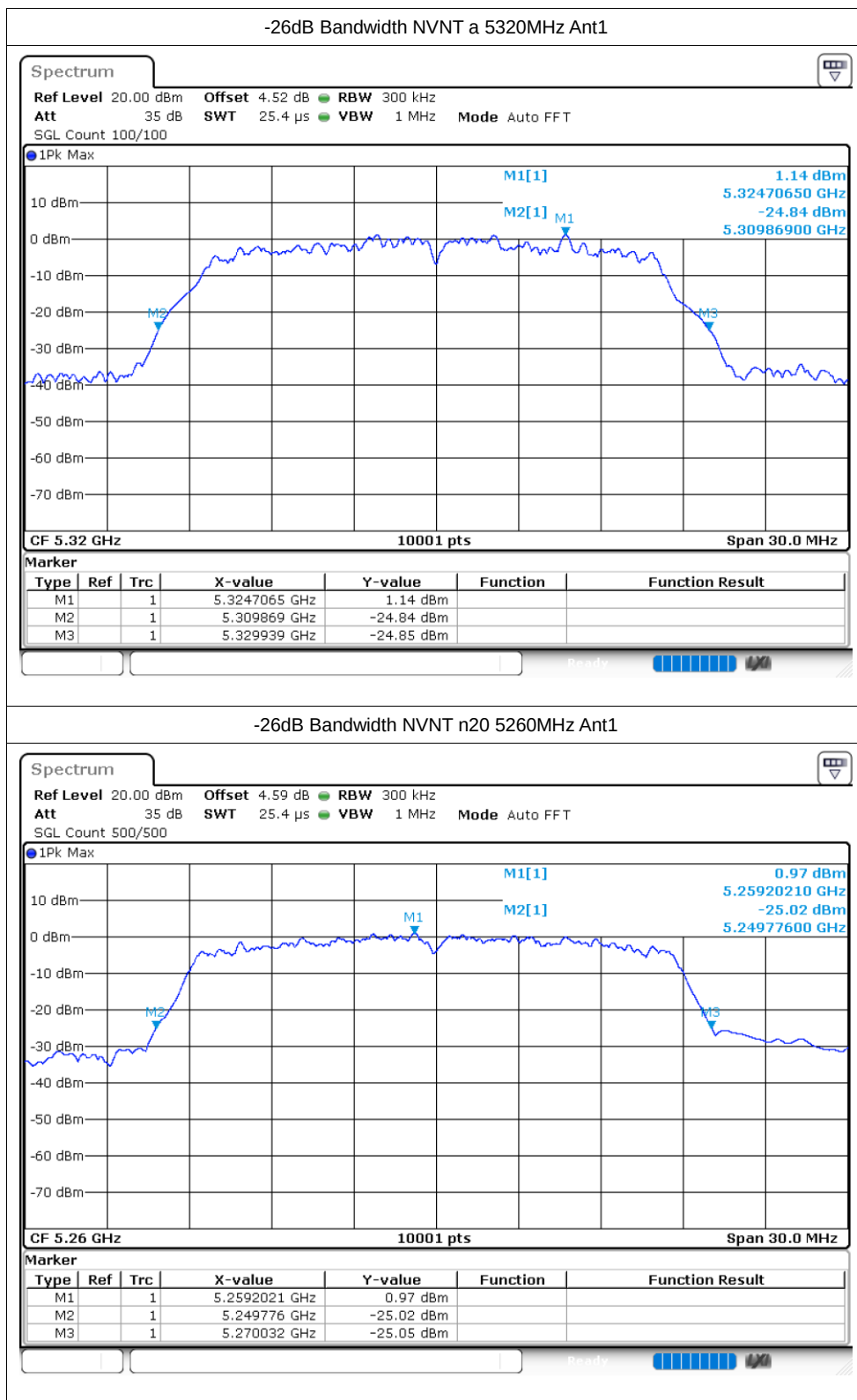
Spectrum

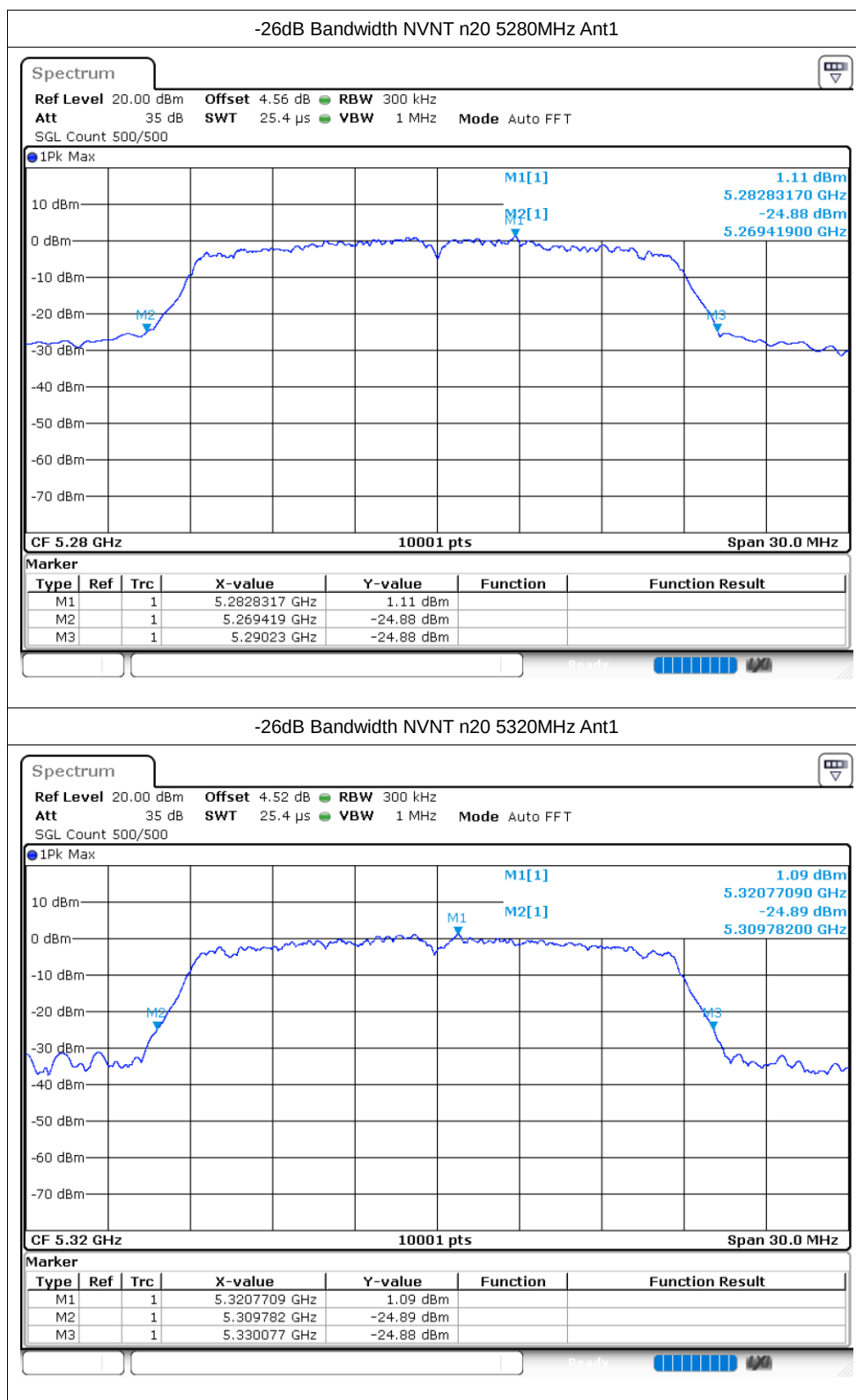
Ref Level 20.00 dBm **Offset** 4.56 dB **RBW** 300 kHz
Att 35 dB **SWT** 25.4 μ s **VBW** 1 MHz **Mode** Auto FFT
SGL Count 100/100

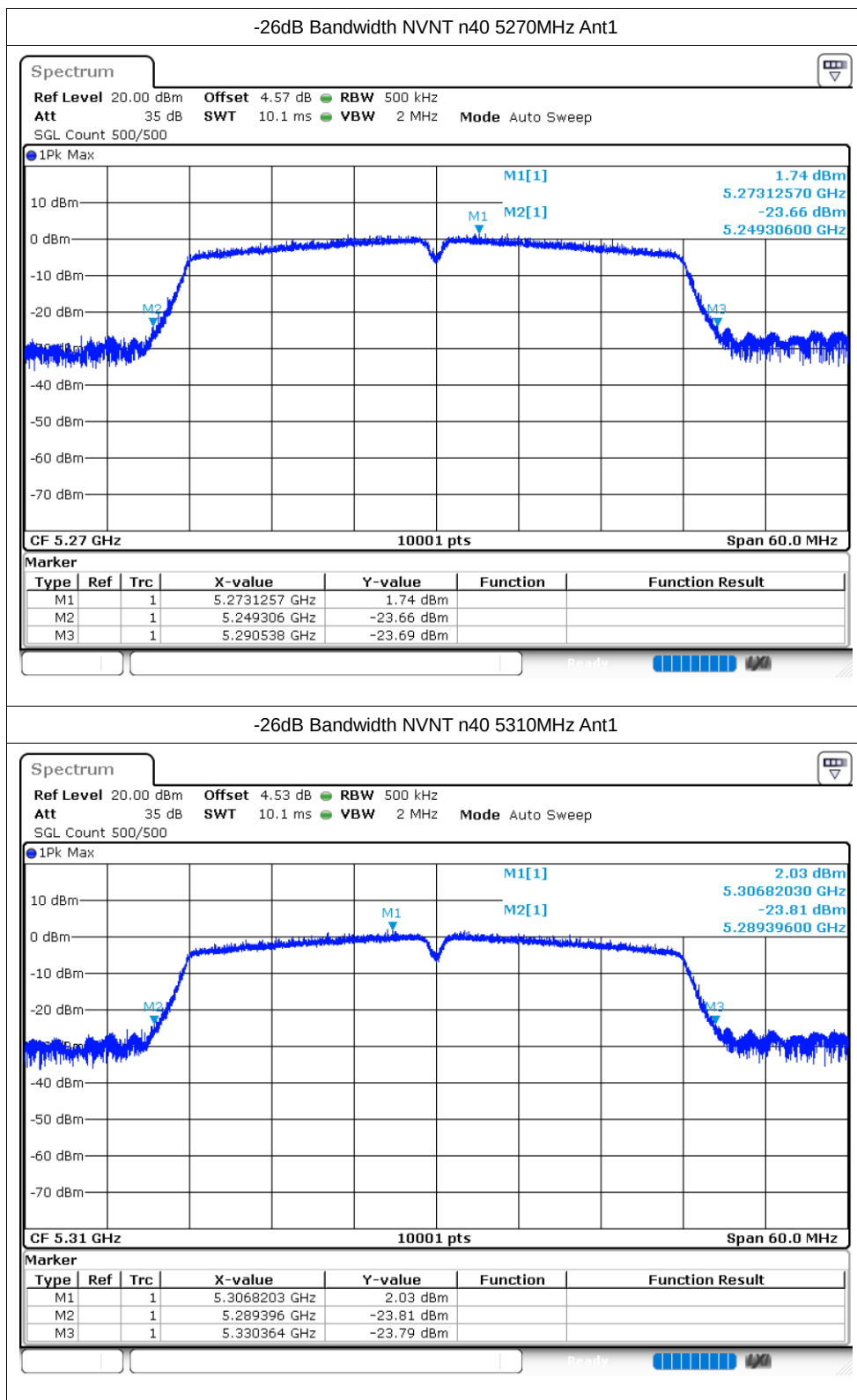


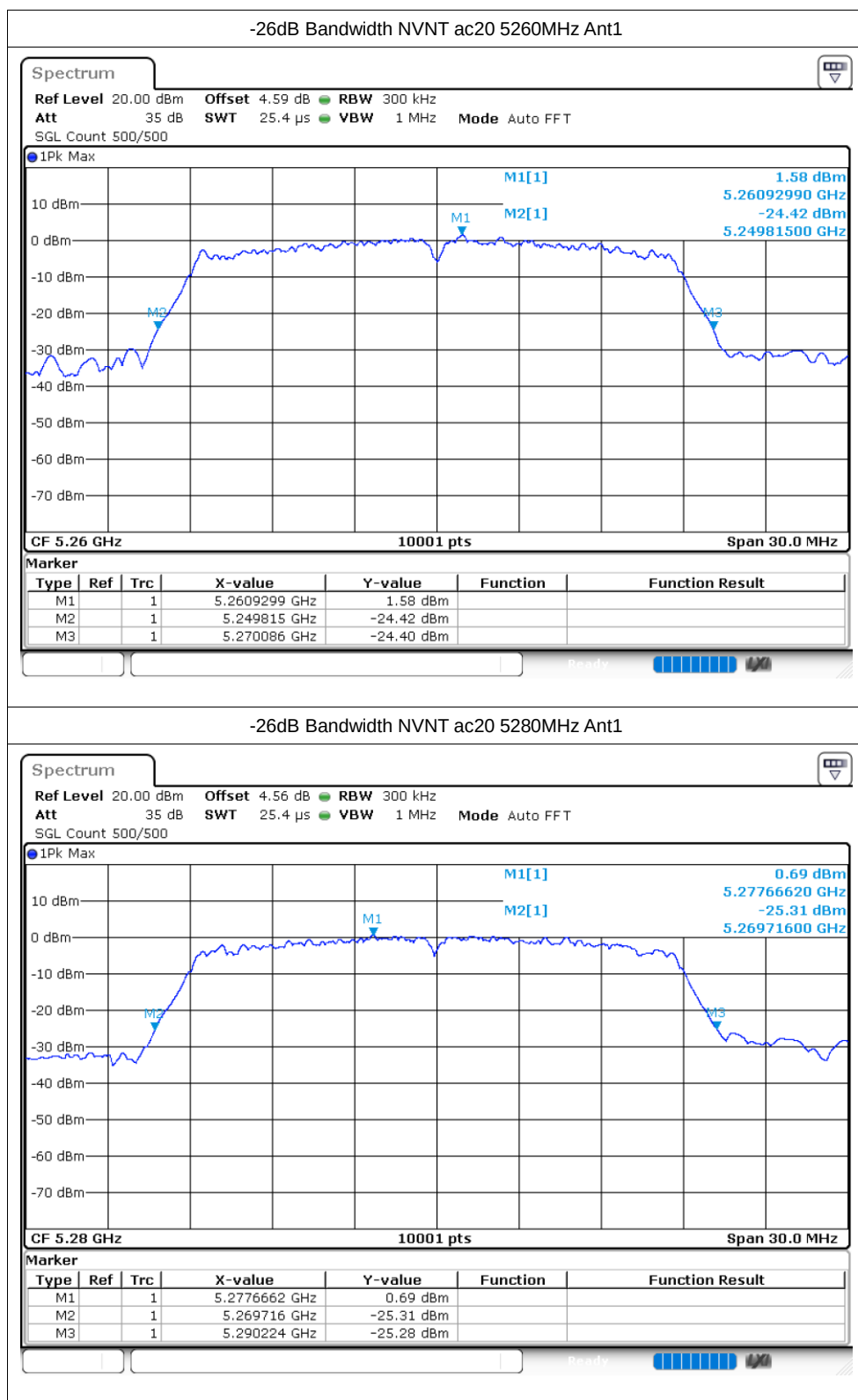
Marker

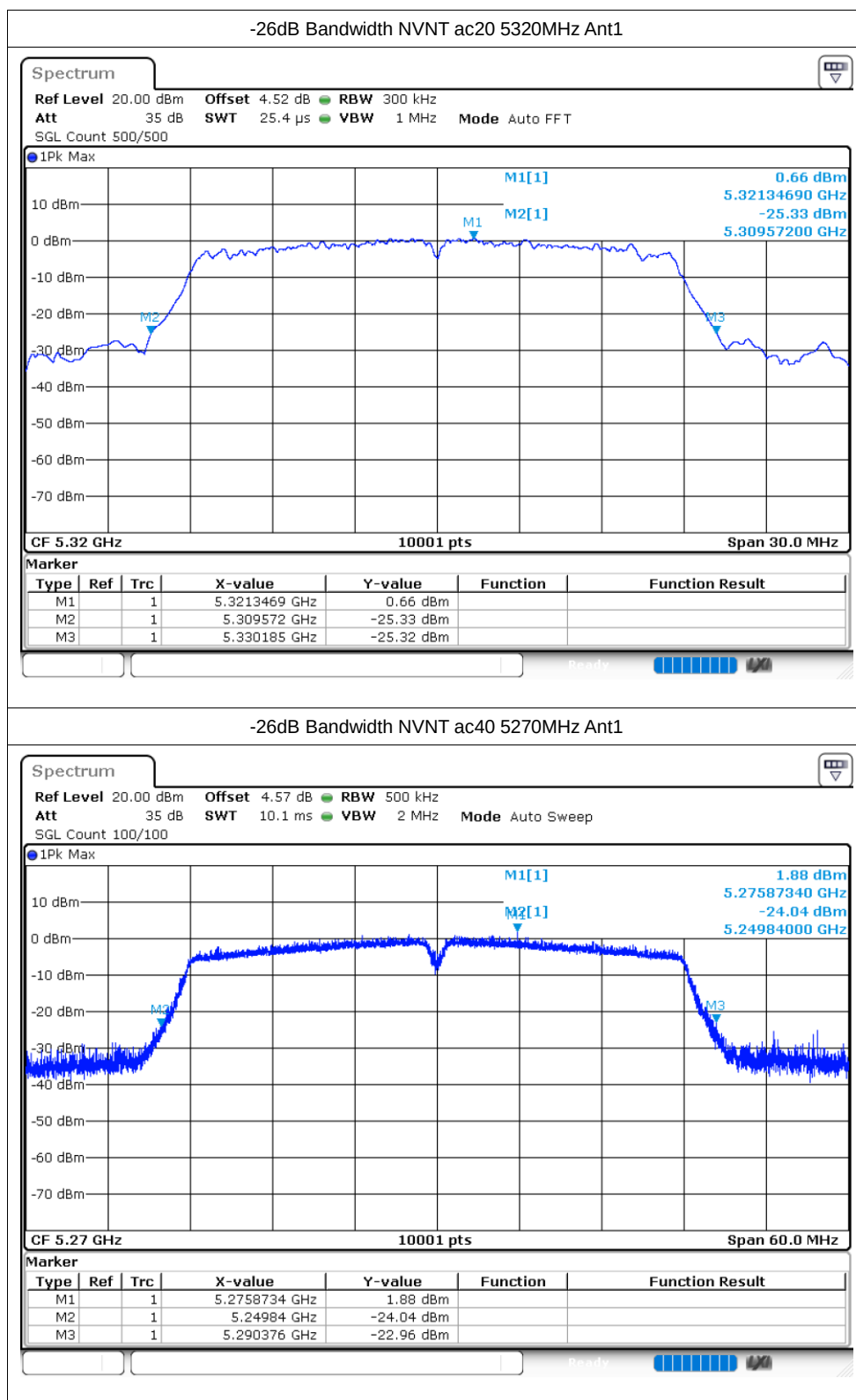
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.2790701 GHz	1.50 dBm		
M2	1	1	5.270103 GHz	-24.47 dBm		
M3	1	1	5.289888 GHz	-24.48 dBm		

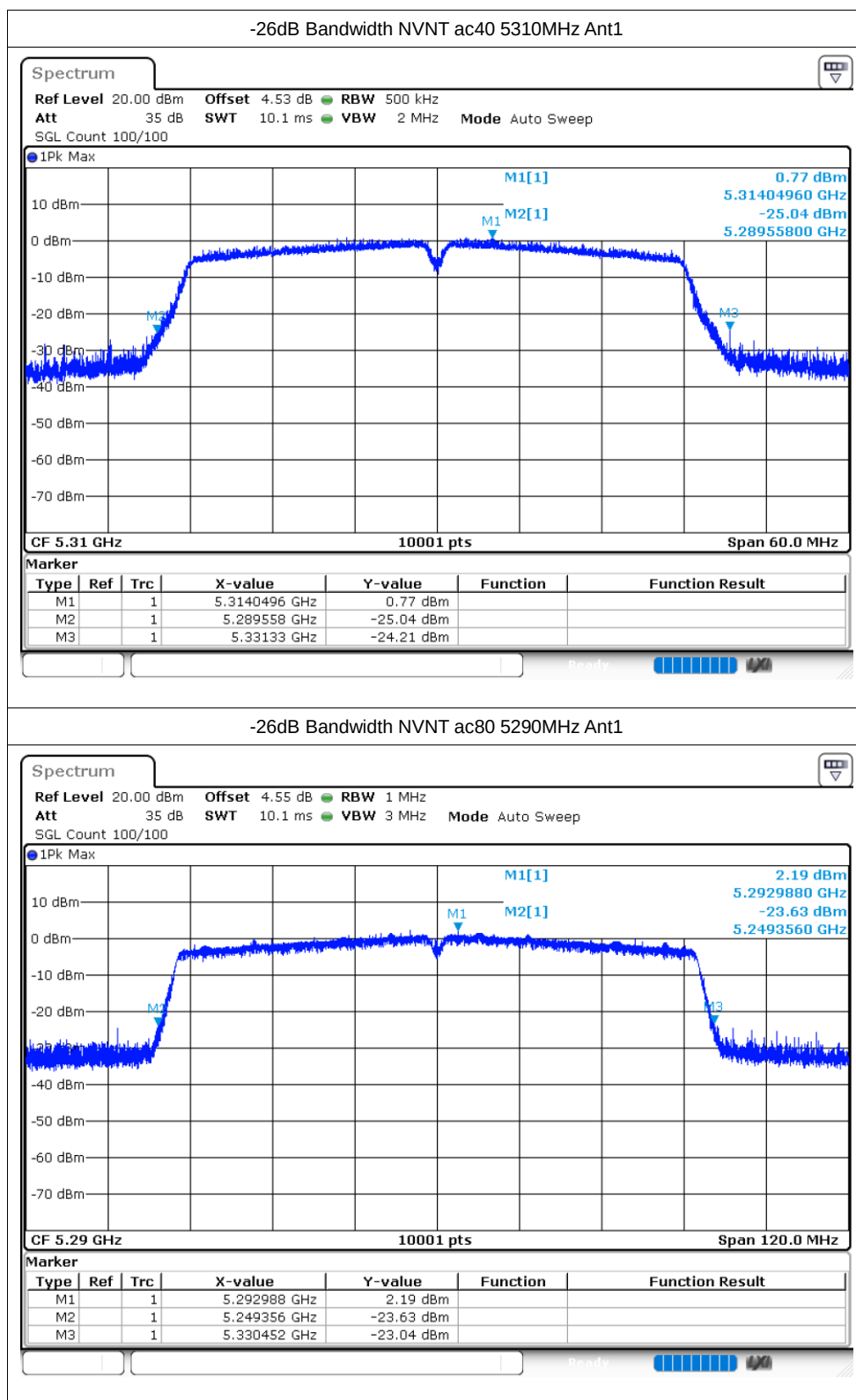










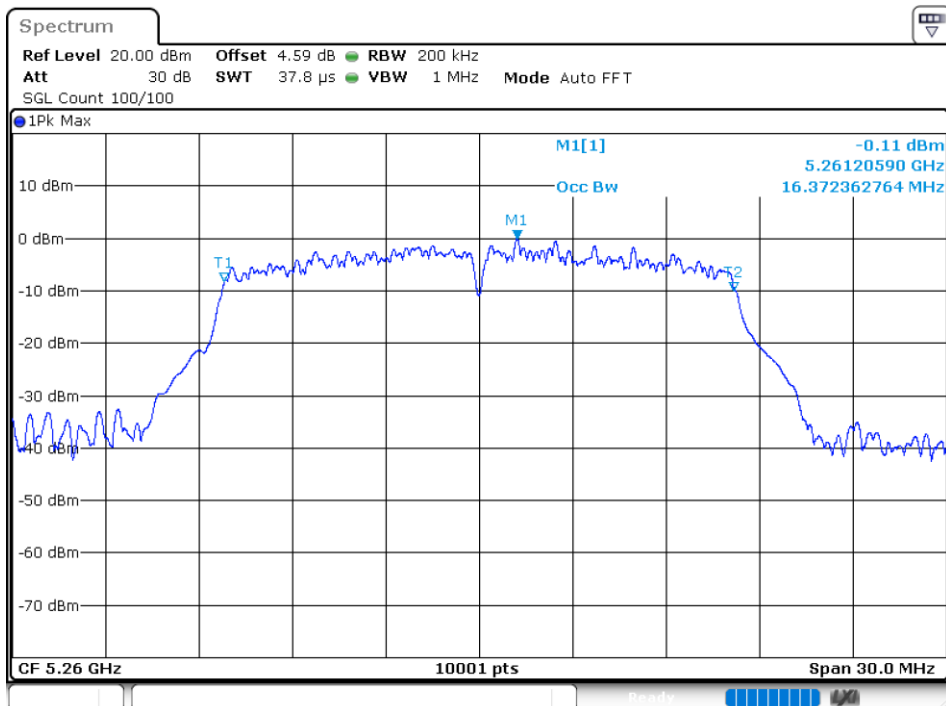


Occupied Channel Bandwidth

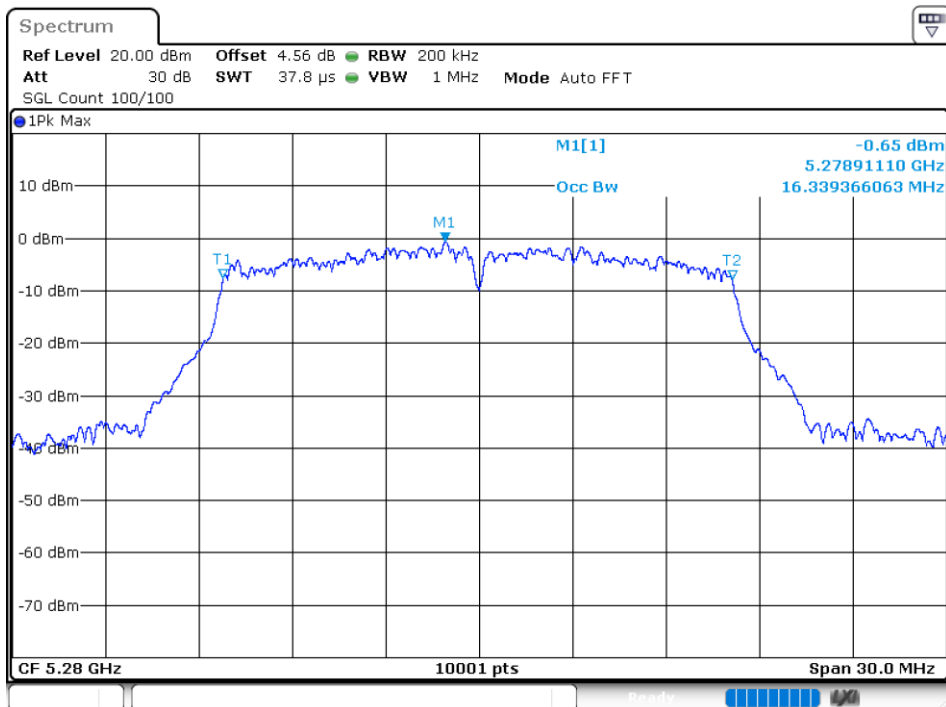
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.372
NVNT	a	5280	Ant1	16.339
NVNT	a	5320	Ant1	16.372
NVNT	n20	5260	Ant1	17.557
NVNT	n20	5280	Ant1	17.536
NVNT	n20	5320	Ant1	17.575
NVNT	n40	5270	Ant1	36.14
NVNT	n40	5310	Ant1	36.164
NVNT	ac20	5260	Ant1	17.596
NVNT	ac20	5280	Ant1	17.536
NVNT	ac20	5320	Ant1	17.569
NVNT	ac40	5270	Ant1	36.032
NVNT	ac40	5310	Ant1	36.014
NVNT	ac80	5290	Ant1	75.148

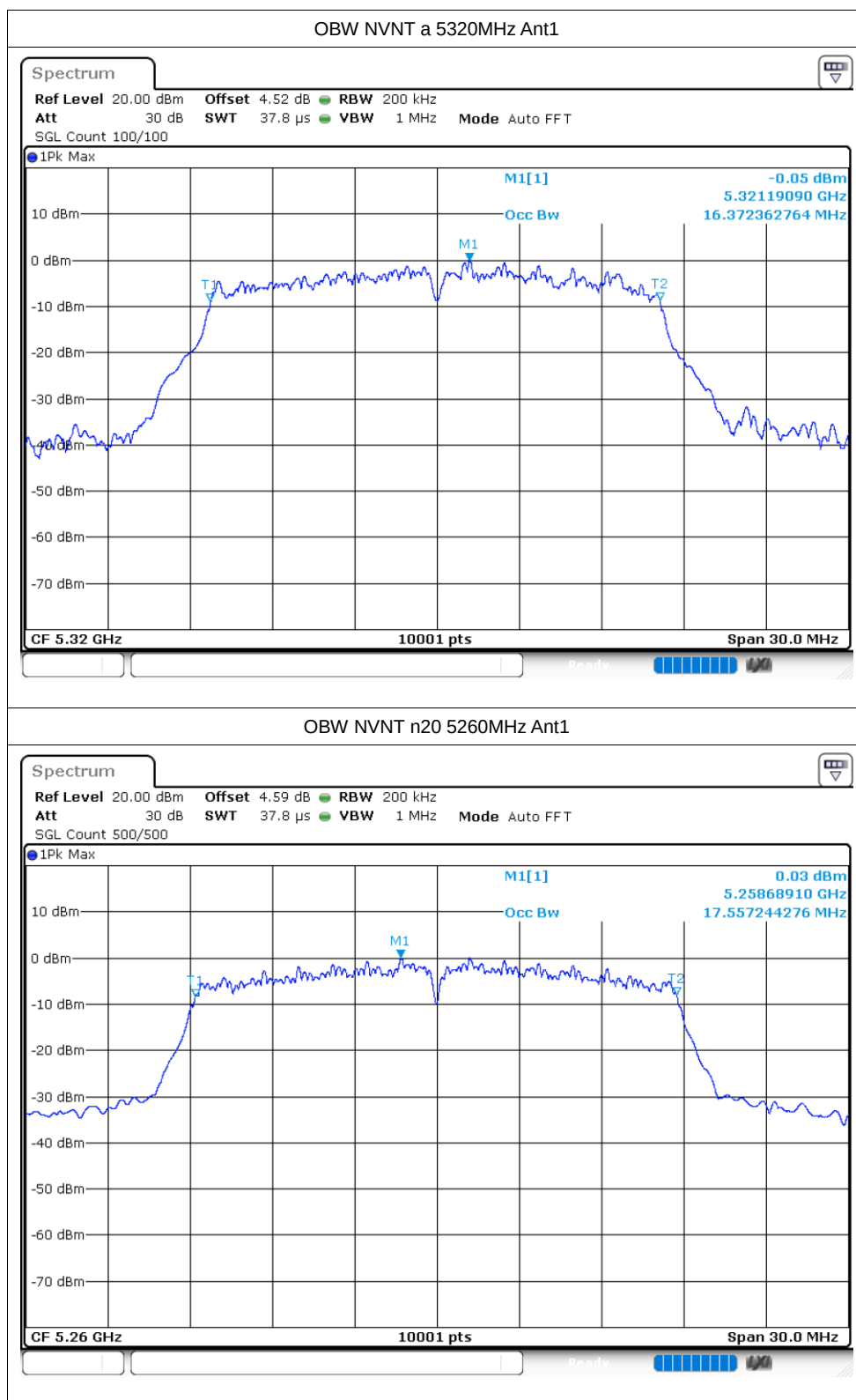
Test Graphs

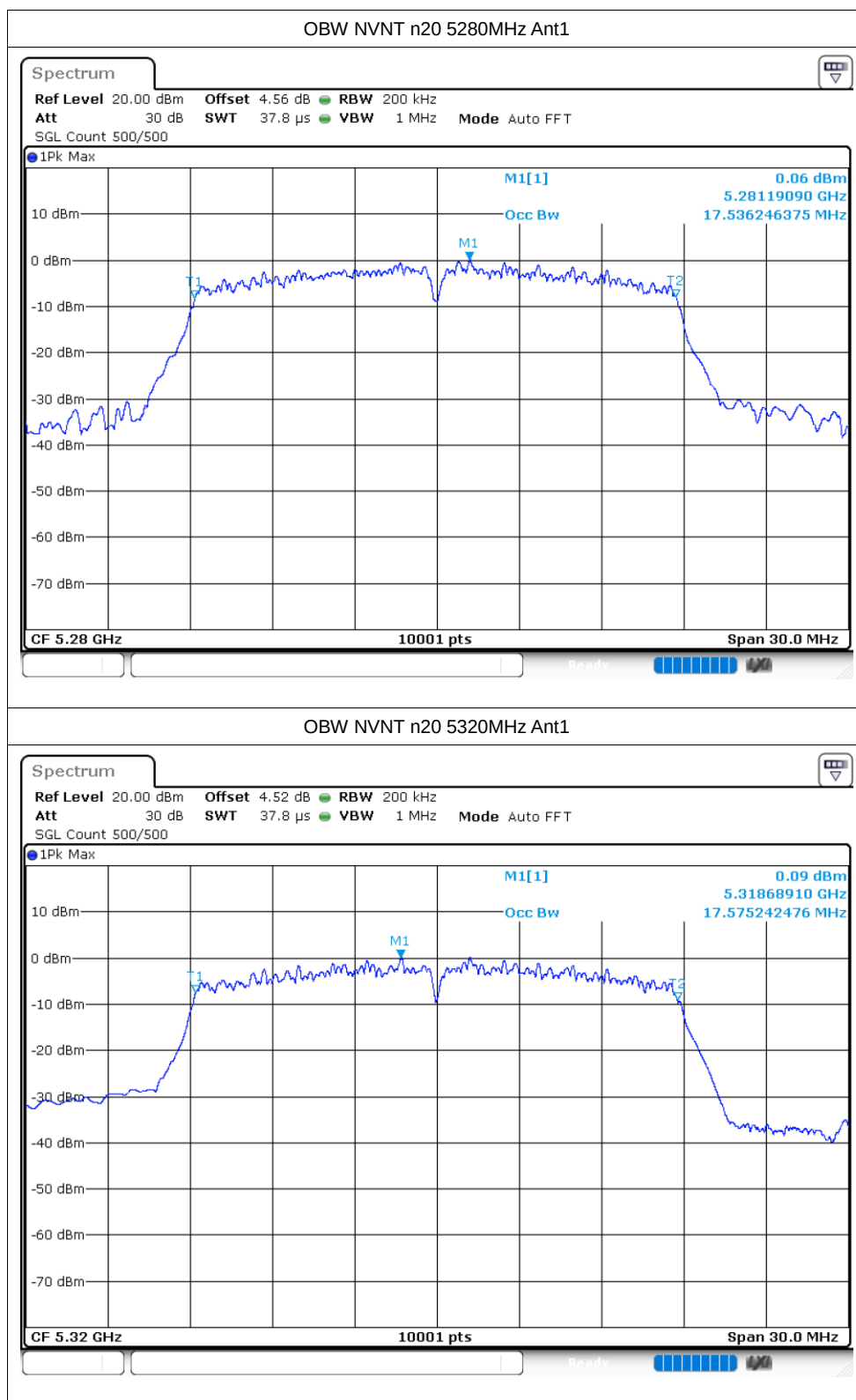
OBW NVNT a 5260MHz Ant1

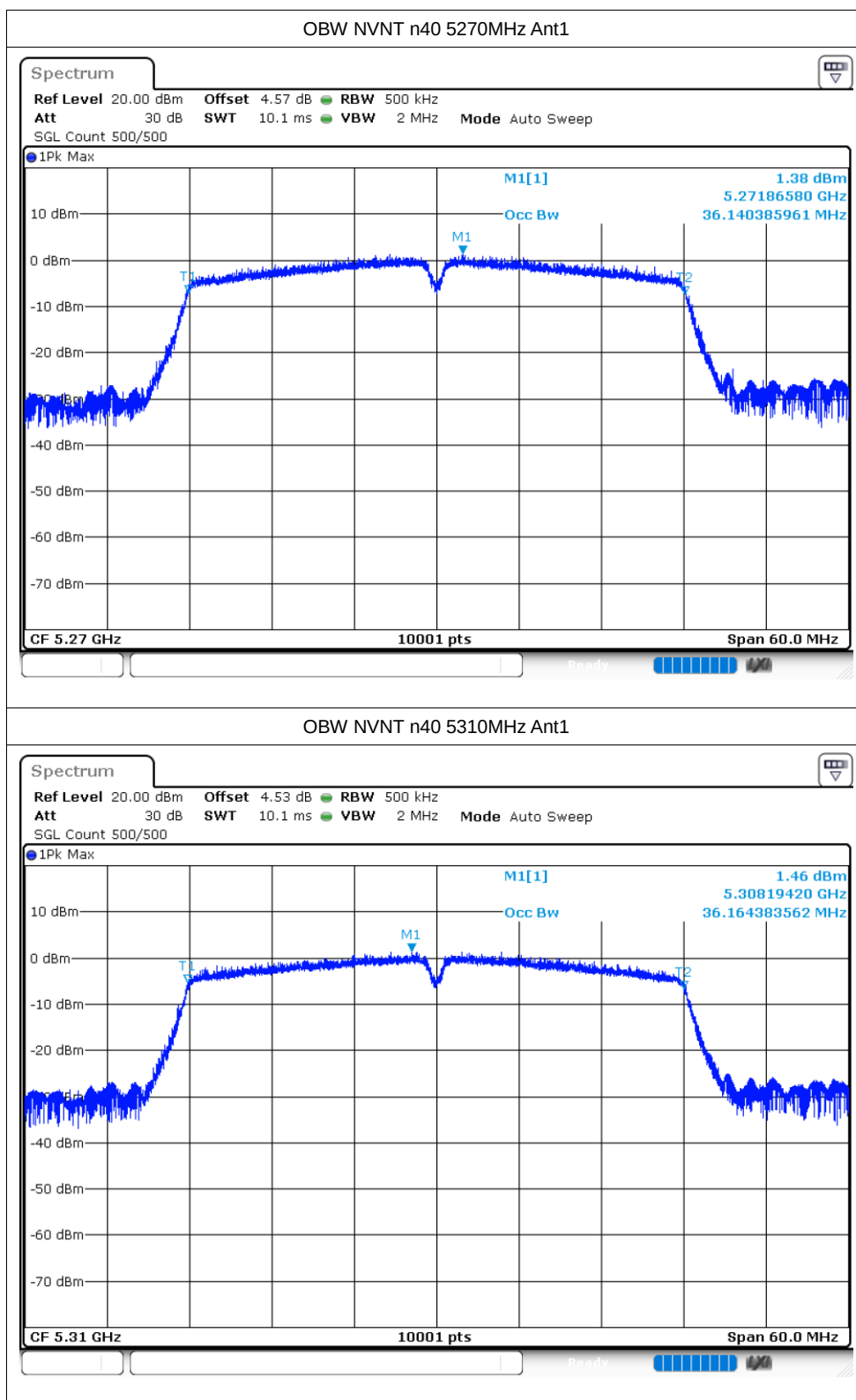


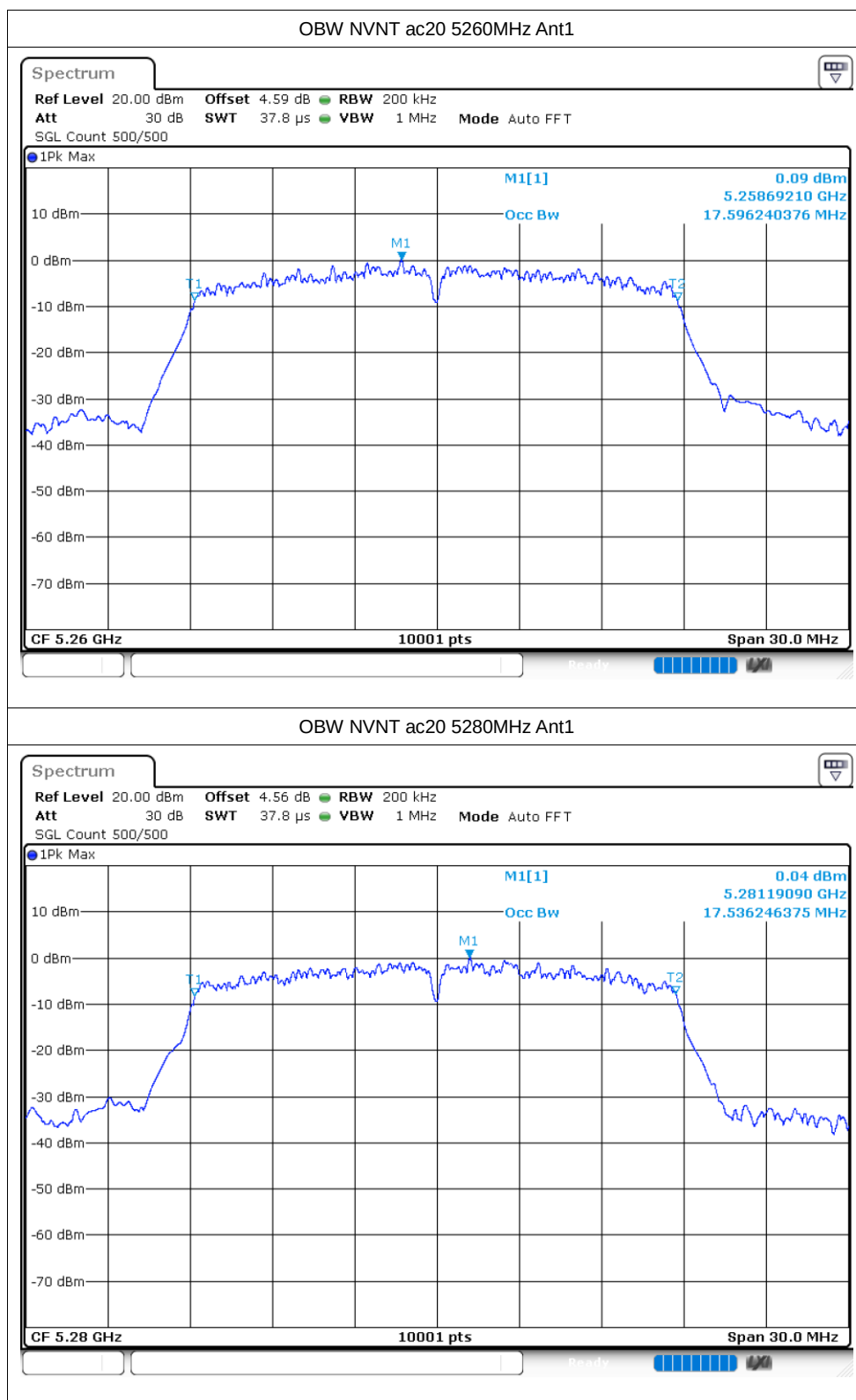
OBW NVNT a 5280MHz Ant1

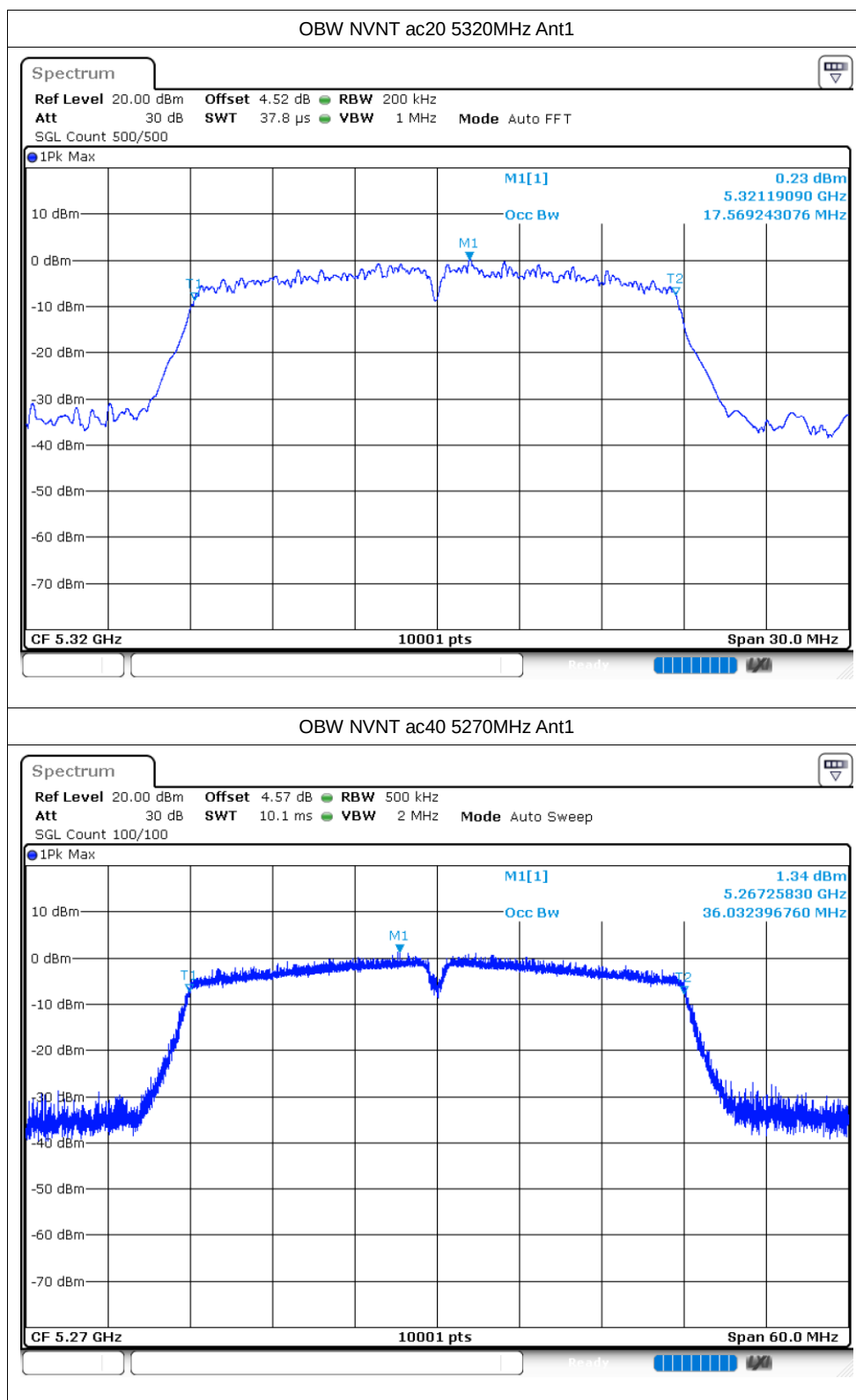


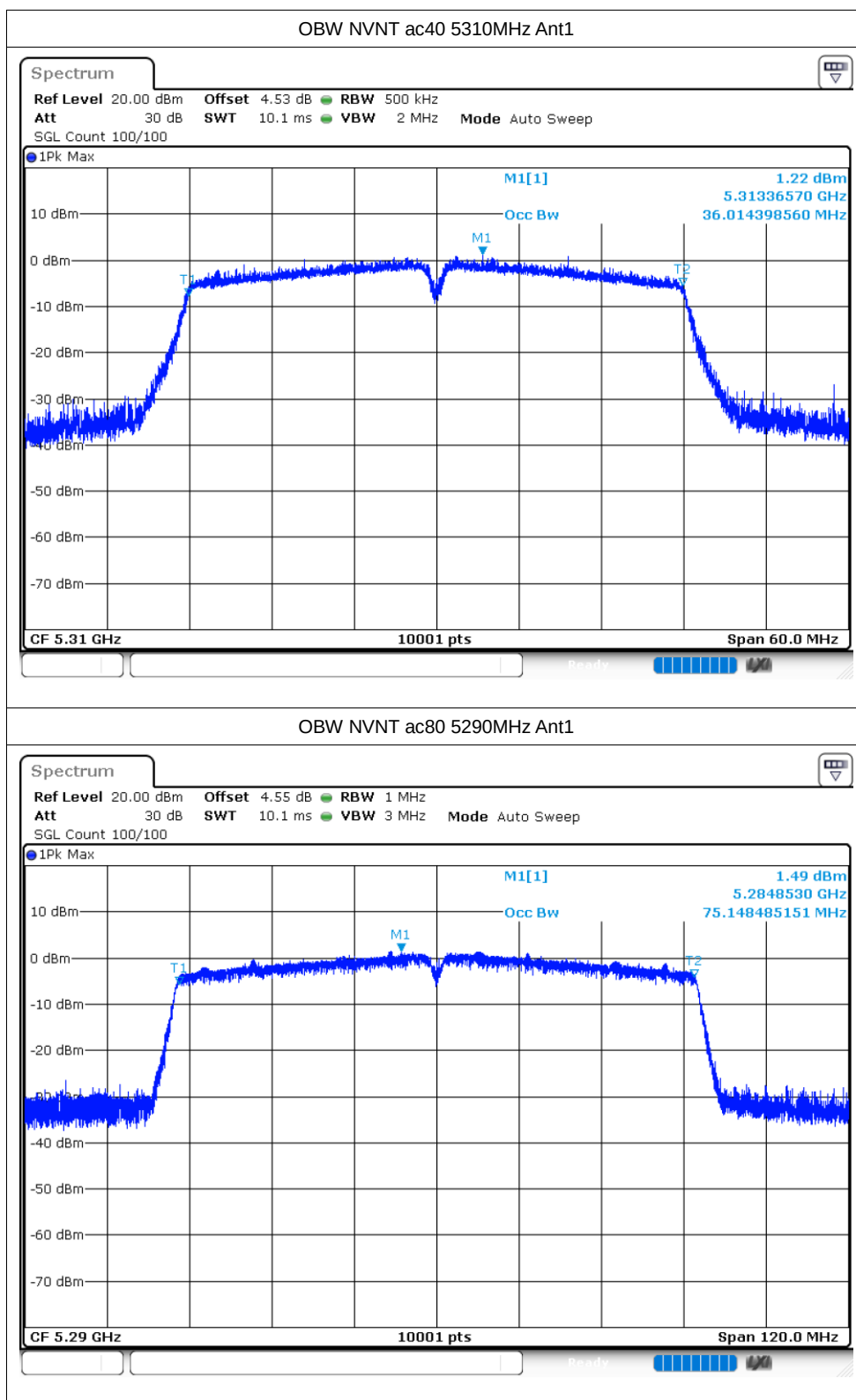






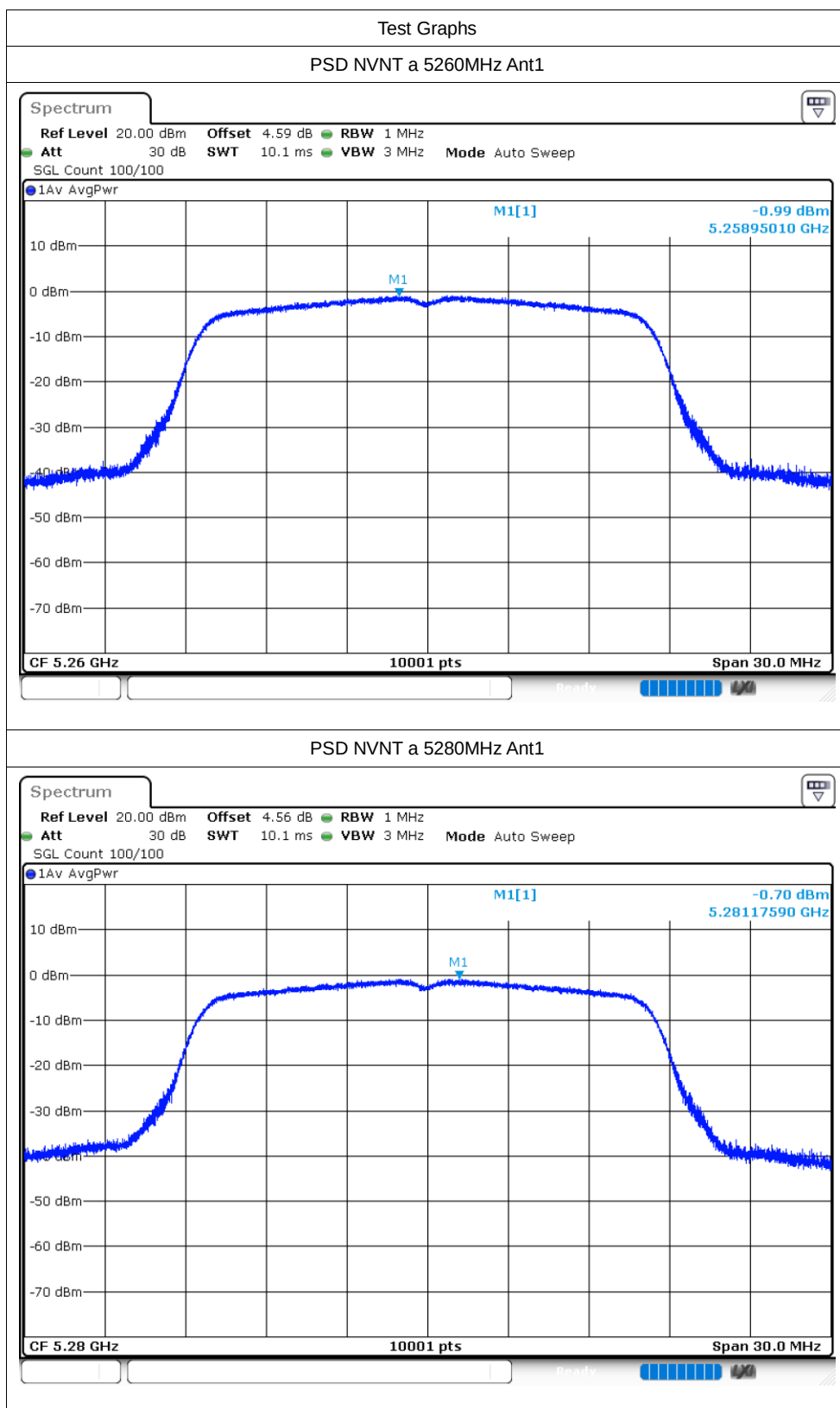


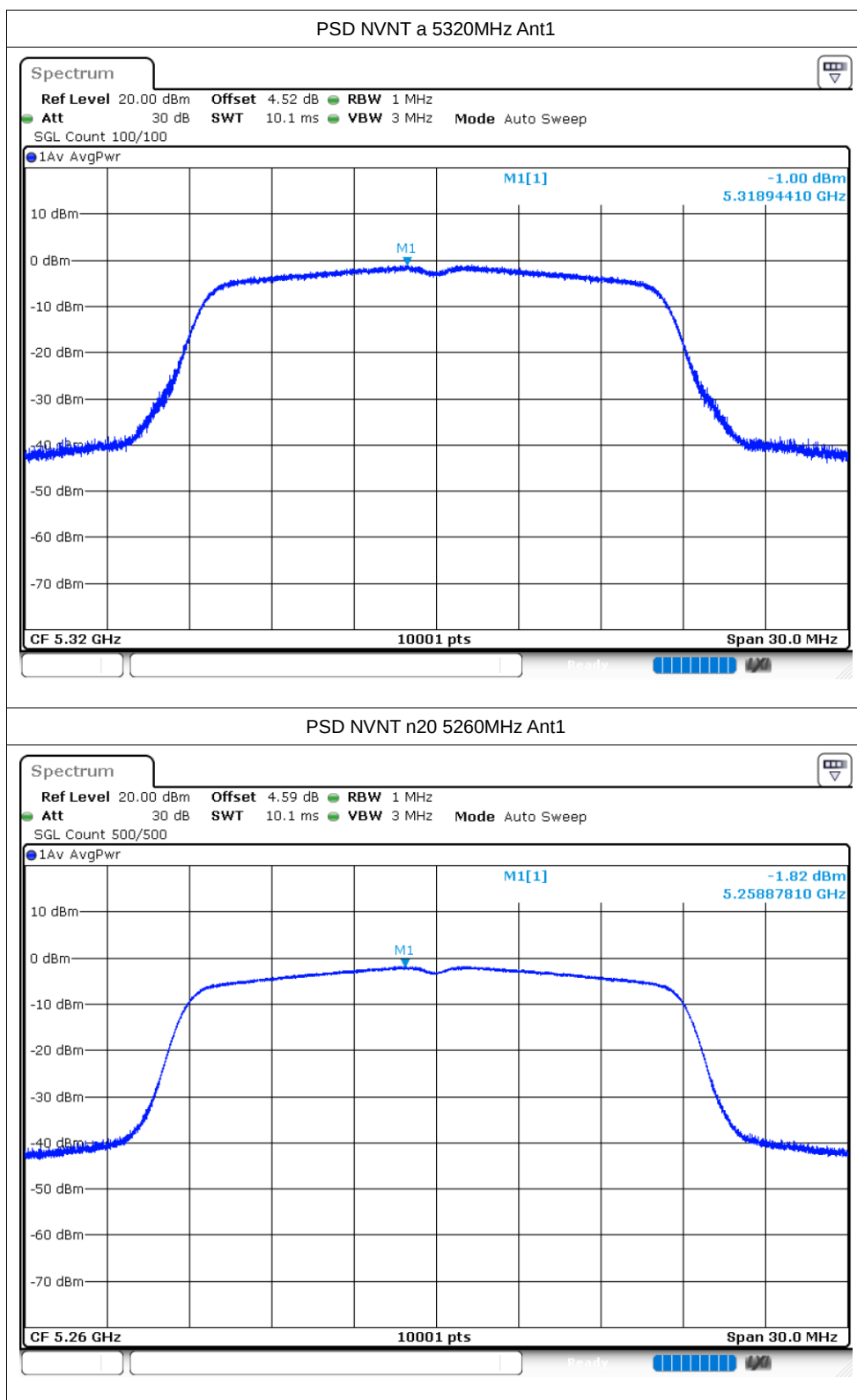


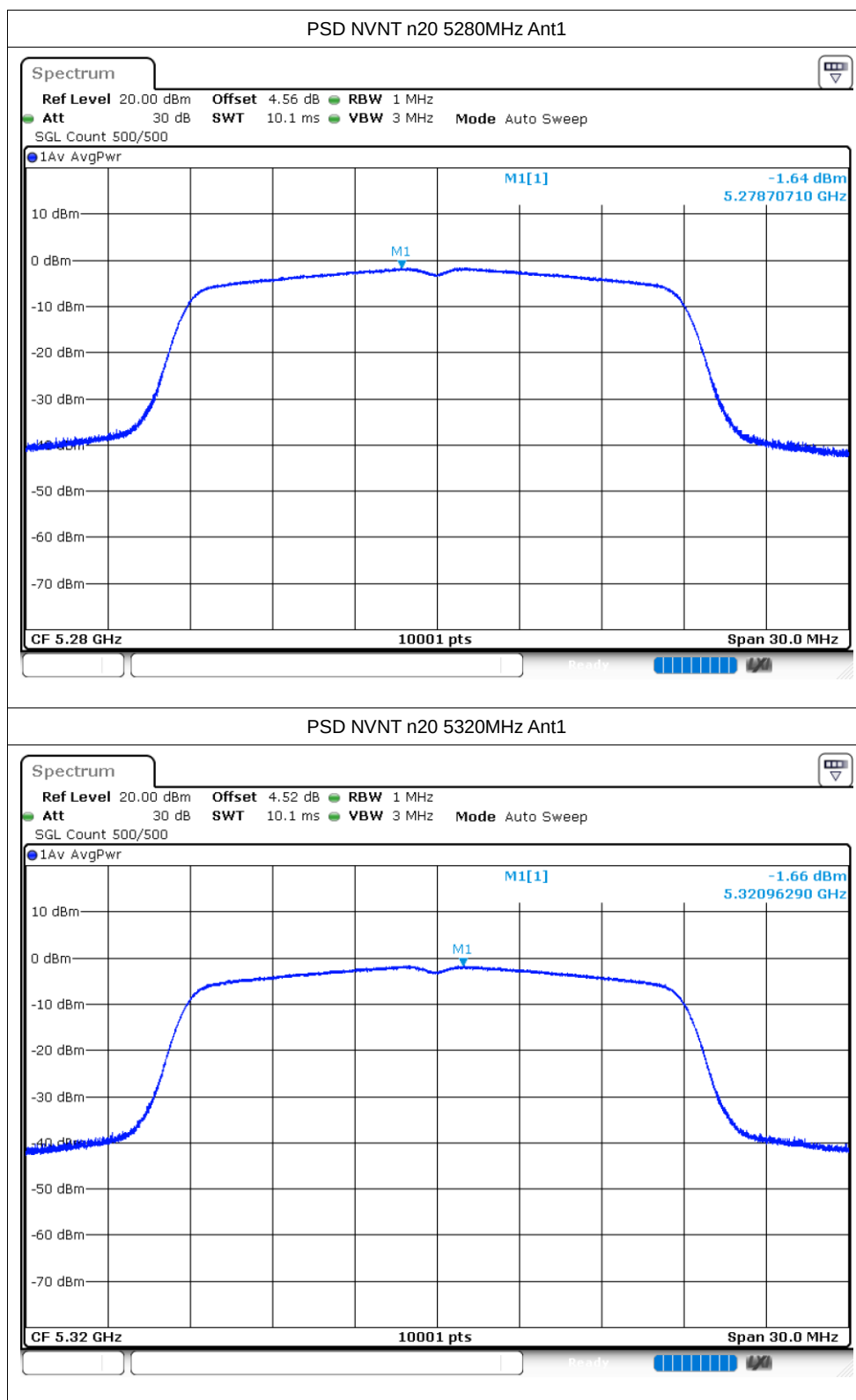


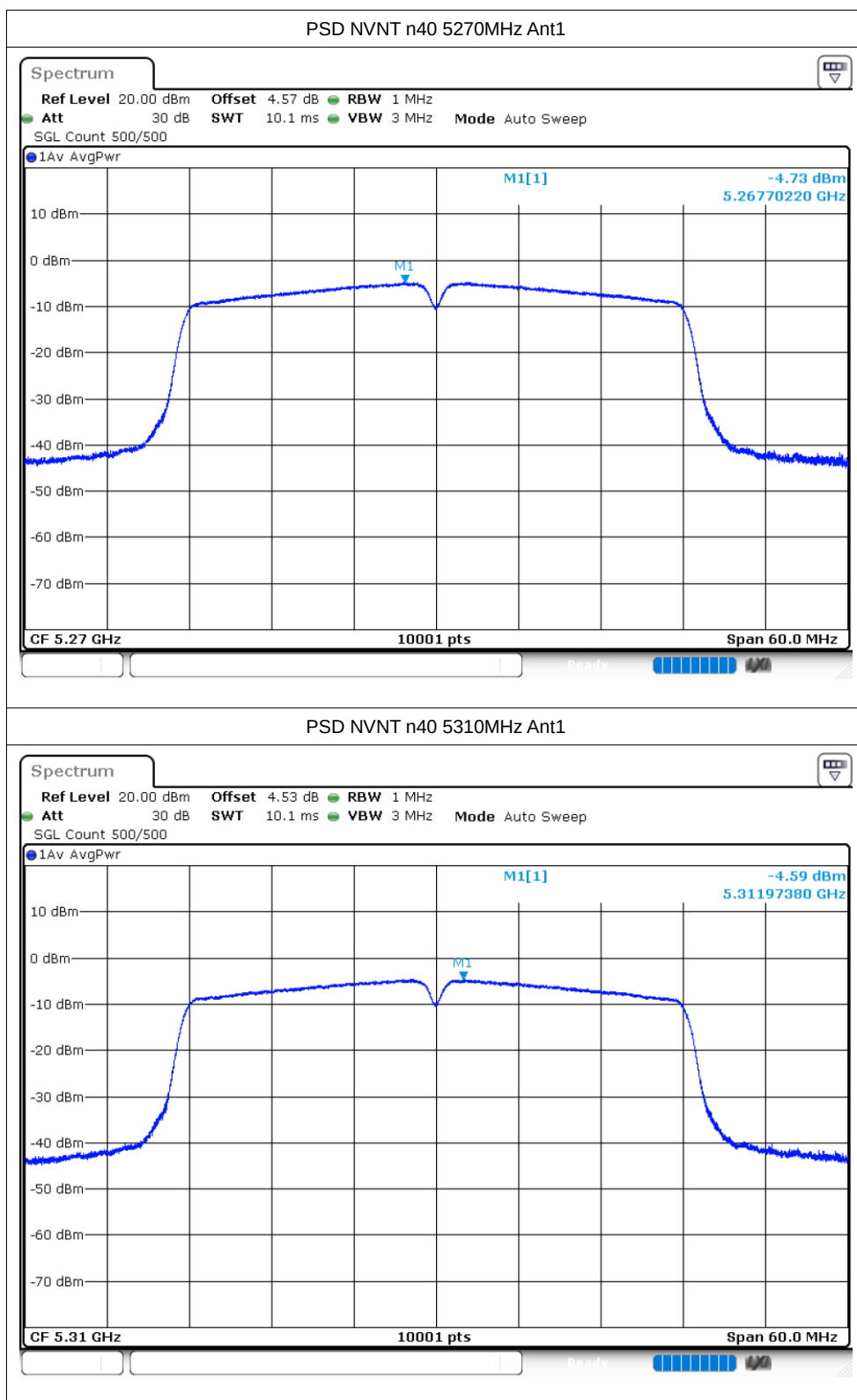
Maximum Power Spectral Density Level

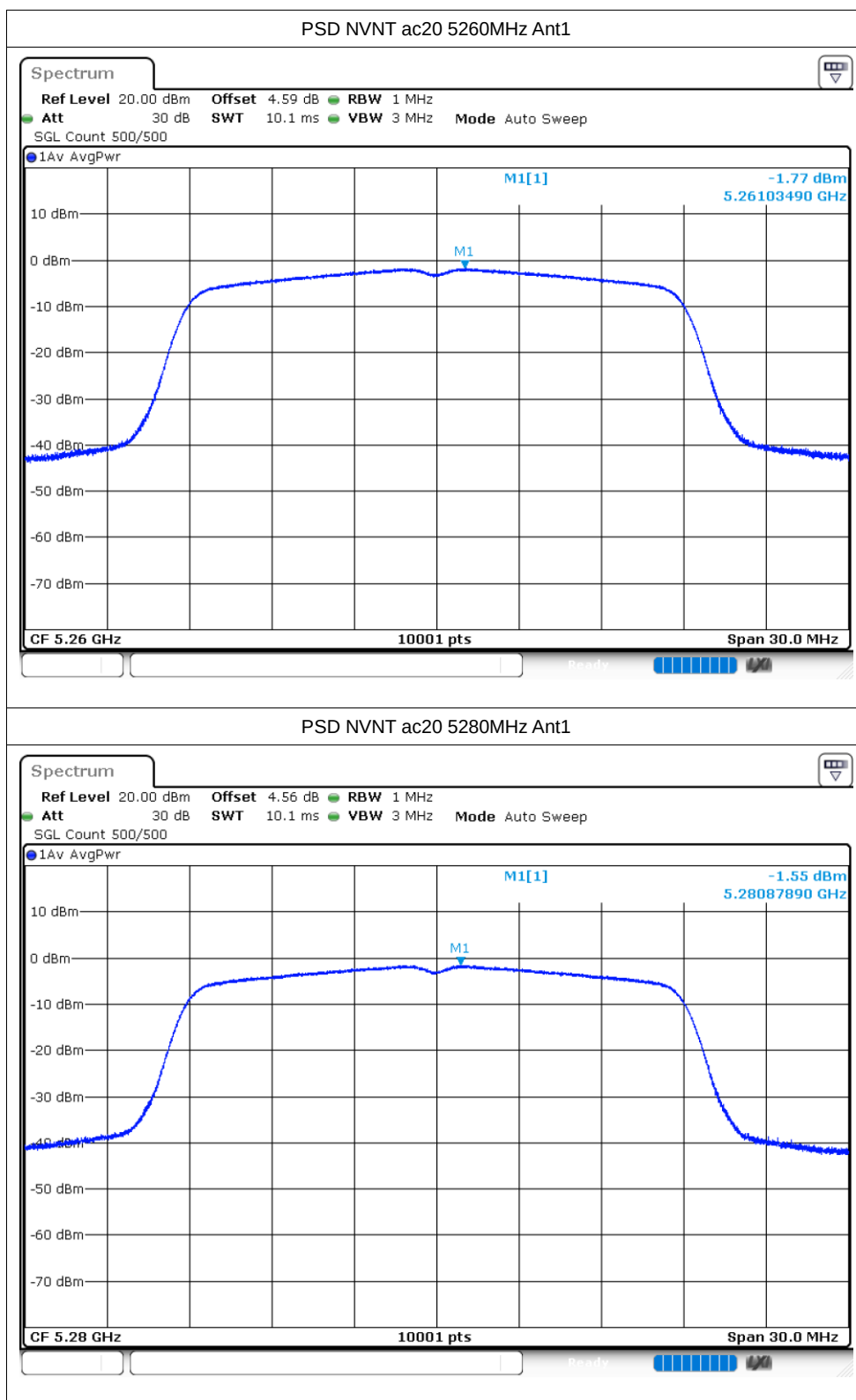
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-0.99	0.11	-0.88	11	Pass
NVNT	a	5280	Ant1	-0.7	0.1	-0.6	11	Pass
NVNT	a	5320	Ant1	-1	0.11	-0.89	11	Pass
NVNT	n20	5260	Ant1	-1.82	0.11	-1.71	11	Pass
NVNT	n20	5280	Ant1	-1.64	0.11	-1.53	11	Pass
NVNT	n20	5320	Ant1	-1.66	0.11	-1.55	11	Pass
NVNT	n40	5270	Ant1	-4.73	0.22	-4.51	11	Pass
NVNT	n40	5310	Ant1	-4.59	0.22	-4.37	11	Pass
NVNT	ac20	5260	Ant1	-1.77	0.11	-1.66	11	Pass
NVNT	ac20	5280	Ant1	-1.55	0.11	-1.44	11	Pass
NVNT	ac20	5320	Ant1	-1.54	0.11	-1.43	11	Pass
NVNT	ac40	5270	Ant1	-4.25	0.22	-4.03	11	Pass
NVNT	ac40	5310	Ant1	-4.1	0.22	-3.88	11	Pass
NVNT	ac80	5290	Ant1	-7.55	0.42	-7.13	11	Pass

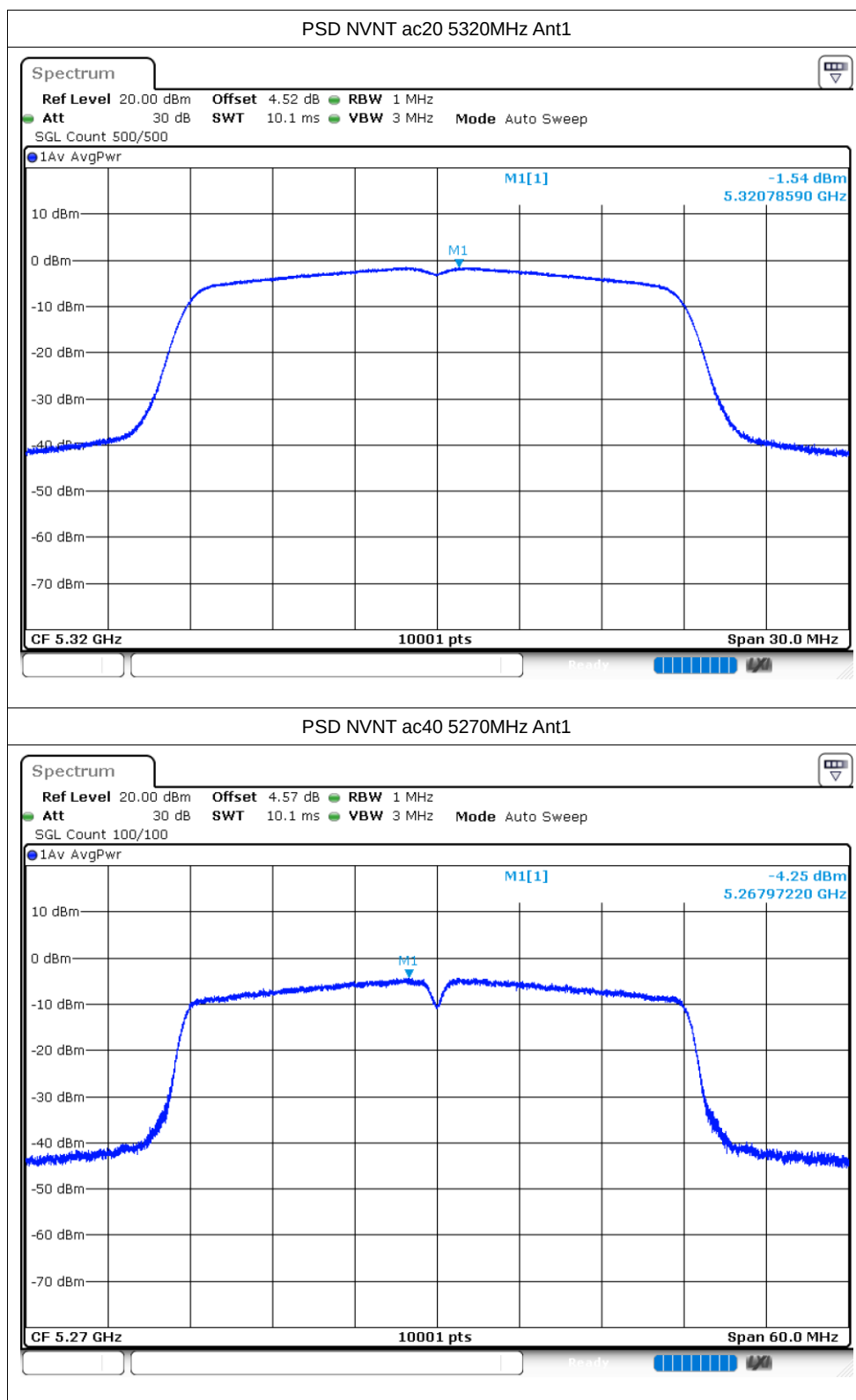


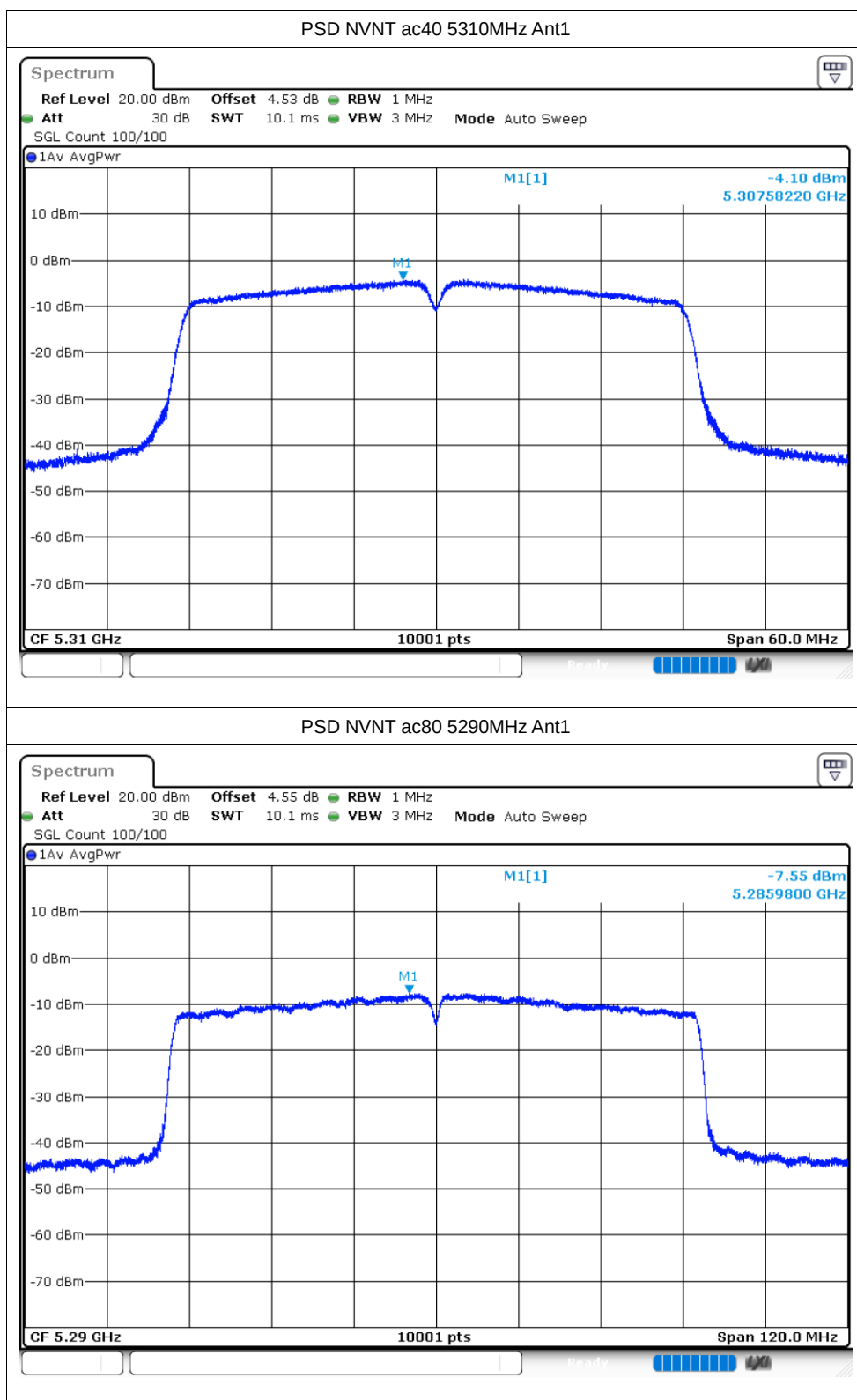










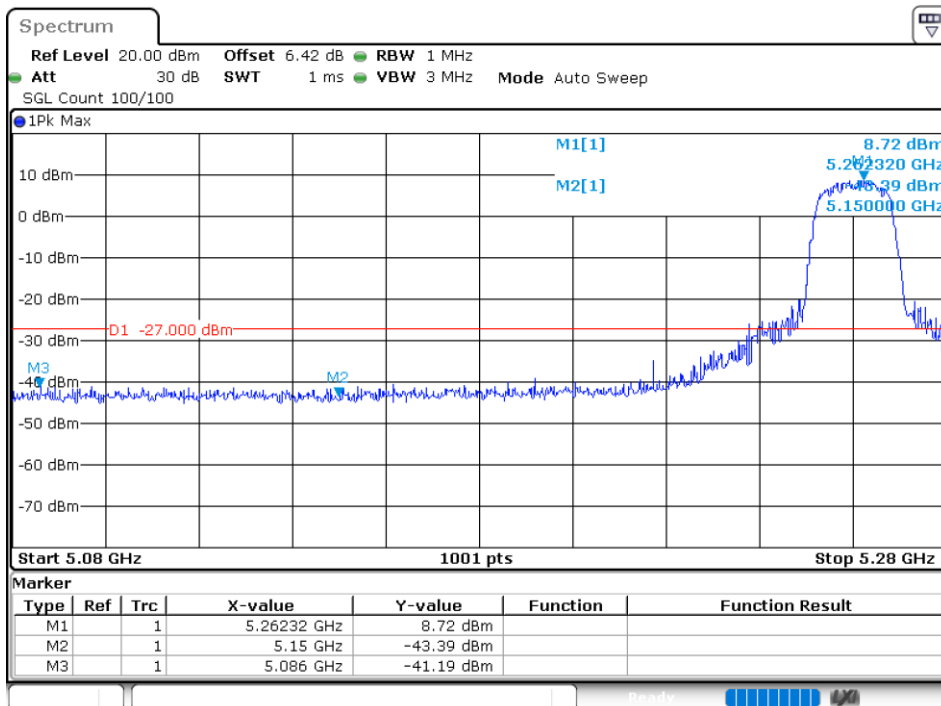


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-41.18	-27	Pass
NVNT	a	5320	Ant1	-38.59	-27	Pass
NVNT	n20	5260	Ant1	-40.92	-27	Pass
NVNT	n20	5320	Ant1	-33.32	-27	Pass
NVNT	n40	5270	Ant1	-40.76	-27	Pass
NVNT	n40	5310	Ant1	-31.32	-27	Pass
NVNT	ac20	5260	Ant1	-40.57	-27	Pass
NVNT	ac20	5320	Ant1	-36.28	-27	Pass
NVNT	ac40	5270	Ant1	-41.12	-27	Pass
NVNT	ac40	5310	Ant1	-31.02	-27	Pass
NVNT	ac80	5290	Ant1	-28.26	-27	Pass
NVNT	ac80	5290	Ant1	-39.98	-27	Pass

Test Graphs

Band Edge NVNT a 5260MHz Low Ant1



Band Edge NVNT a 5320MHz High Ant1

