

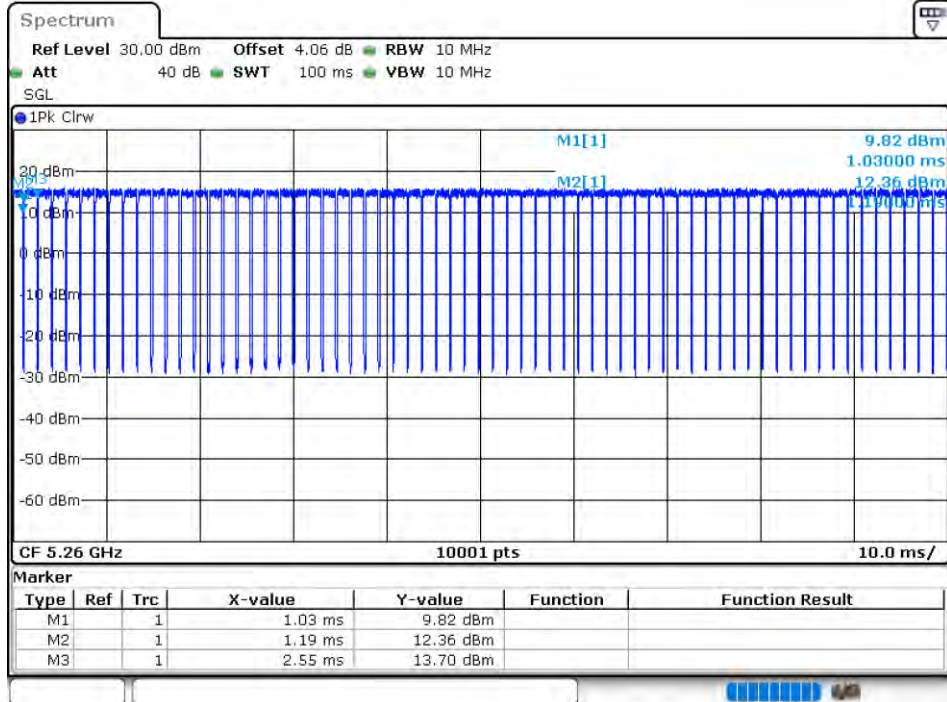
5.3G WIFI

Duty Cycle

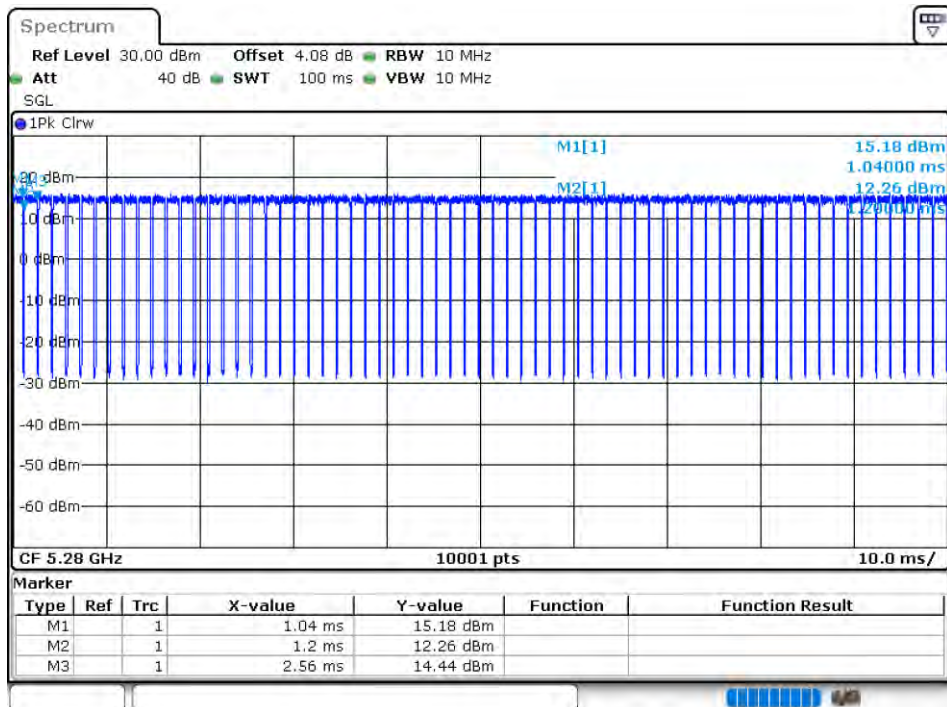
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	90.08	0.45	0.74
NVNT	a	5280	Ant1	90.09	0.45	0.74
NVNT	a	5320	Ant1	90.18	0.45	0.74
NVNT	n20	5260	Ant1	89.43	0.49	0.79
NVNT	n20	5280	Ant1	89.42	0.49	0.79
NVNT	n20	5320	Ant1	89.55	0.48	0.79
NVNT	n40	5270	Ant1	80.95	0.92	1.59
NVNT	n40	5310	Ant1	80.97	0.92	1.59
NVNT	ac20	5260	Ant1	89.59	0.48	0.78
NVNT	ac20	5280	Ant1	89.49	0.48	0.78
NVNT	ac20	5320	Ant1	89.74	0.47	0.76
NVNT	ac40	5270	Ant1	81.12	0.91	1.56
NVNT	ac40	5310	Ant1	81.11	0.91	1.56
NVNT	ac80	5290	Ant1	68.47	1.64	3.12
NVNT	ax20	5260	Ant1	87.06	0.6	1.01
NVNT	ax20	5280	Ant1	86.81	0.61	1
NVNT	ax20	5320	Ant1	87.04	0.6	1
NVNT	ax40	5270	Ant1	78.1	1.07	1.89
NVNT	ax40	5310	Ant1	78.1	1.07	1.92
NVNT	ax80	5290	Ant1	65.88	1.81	3.57

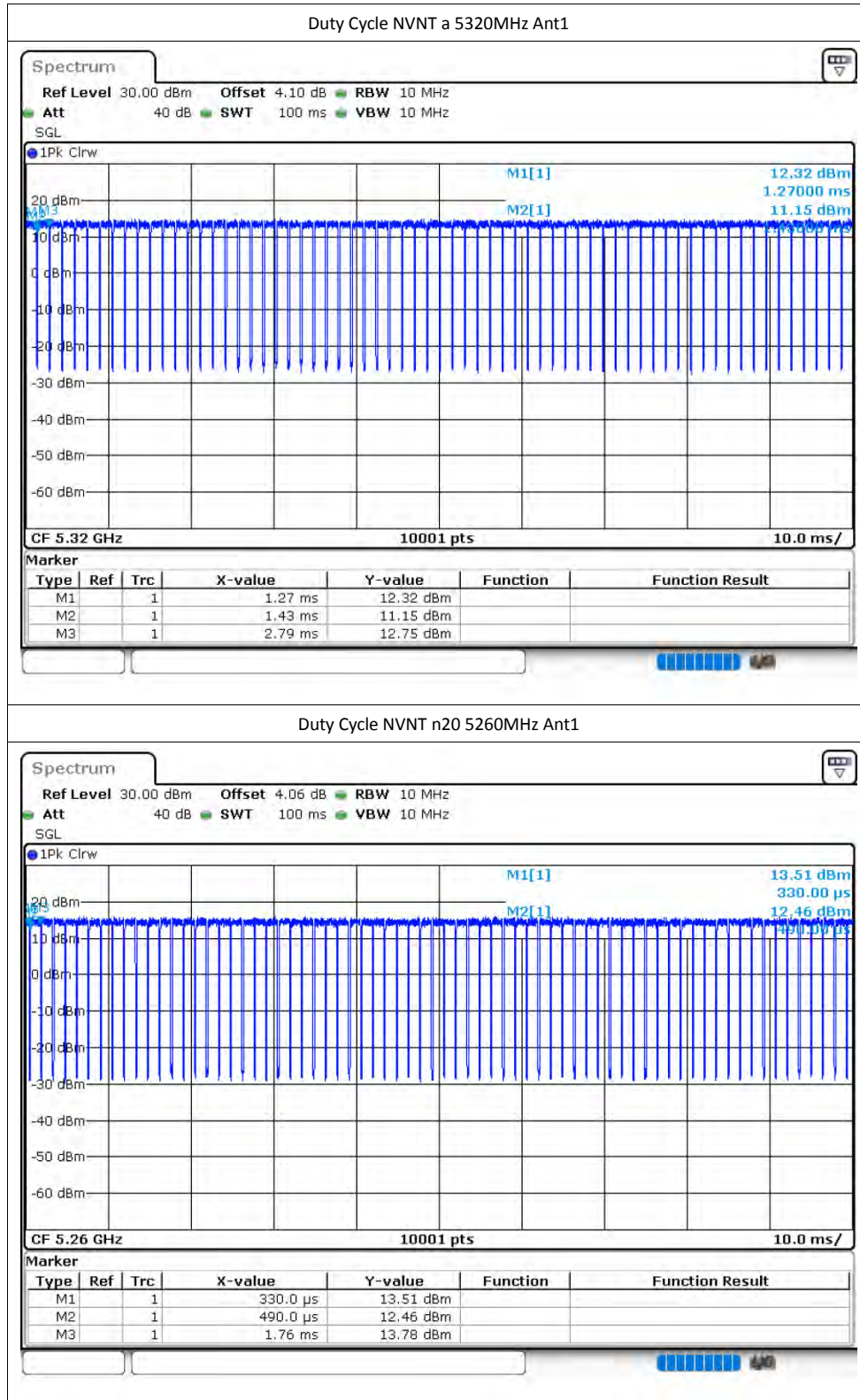
Test Graphs

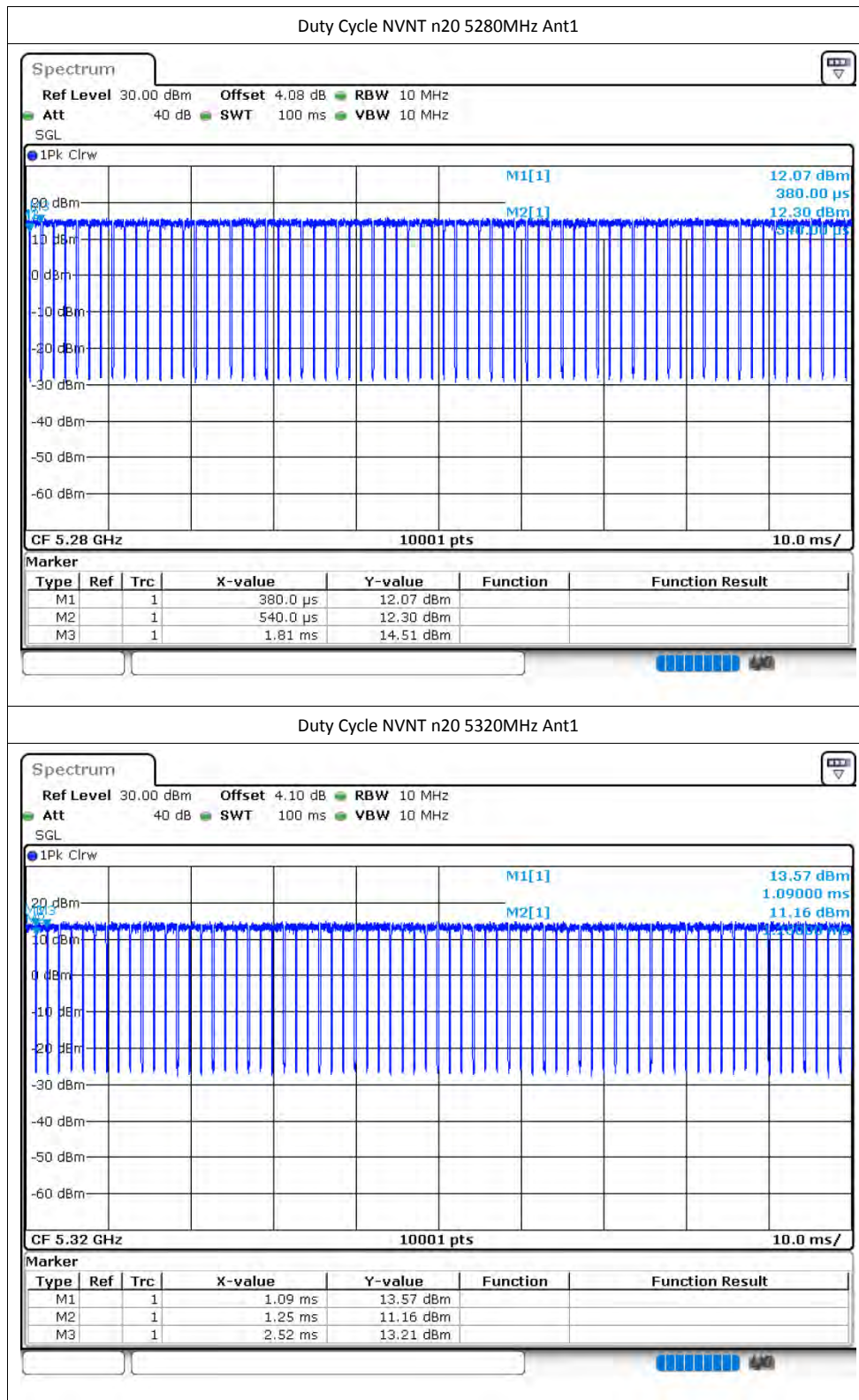
Duty Cycle NVNT a 5260MHz Ant1

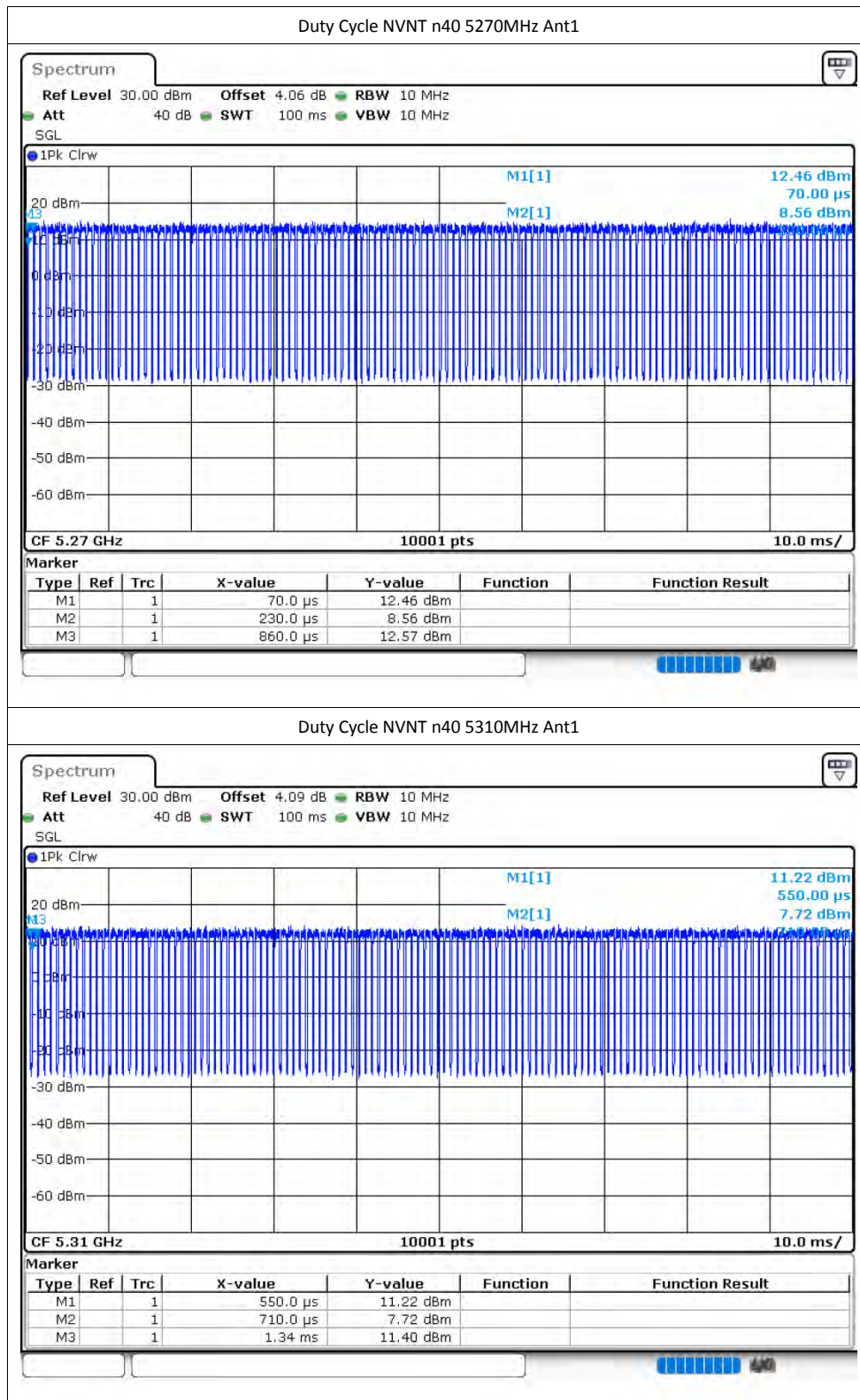


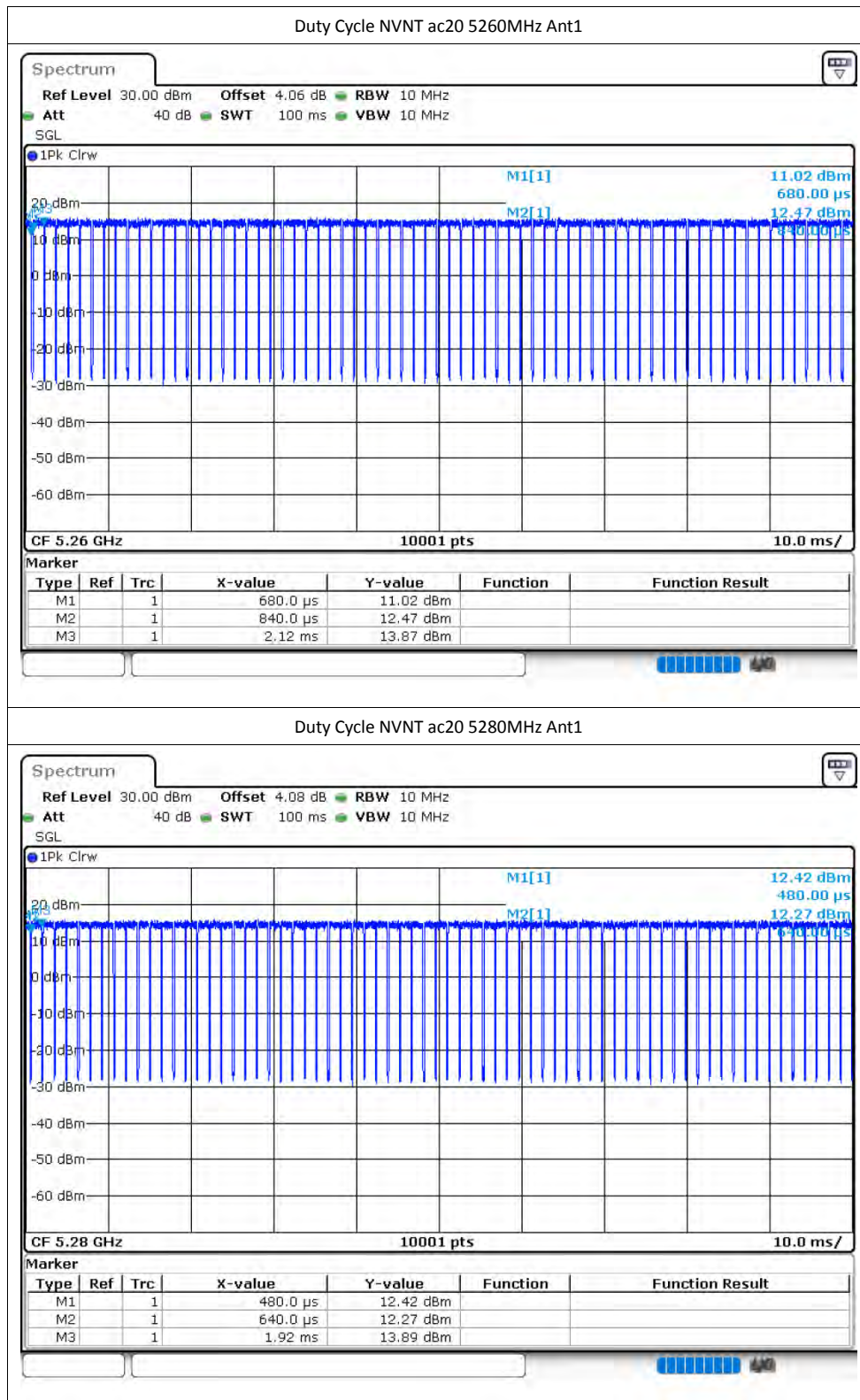
Duty Cycle NVNT a 5280MHz Ant1

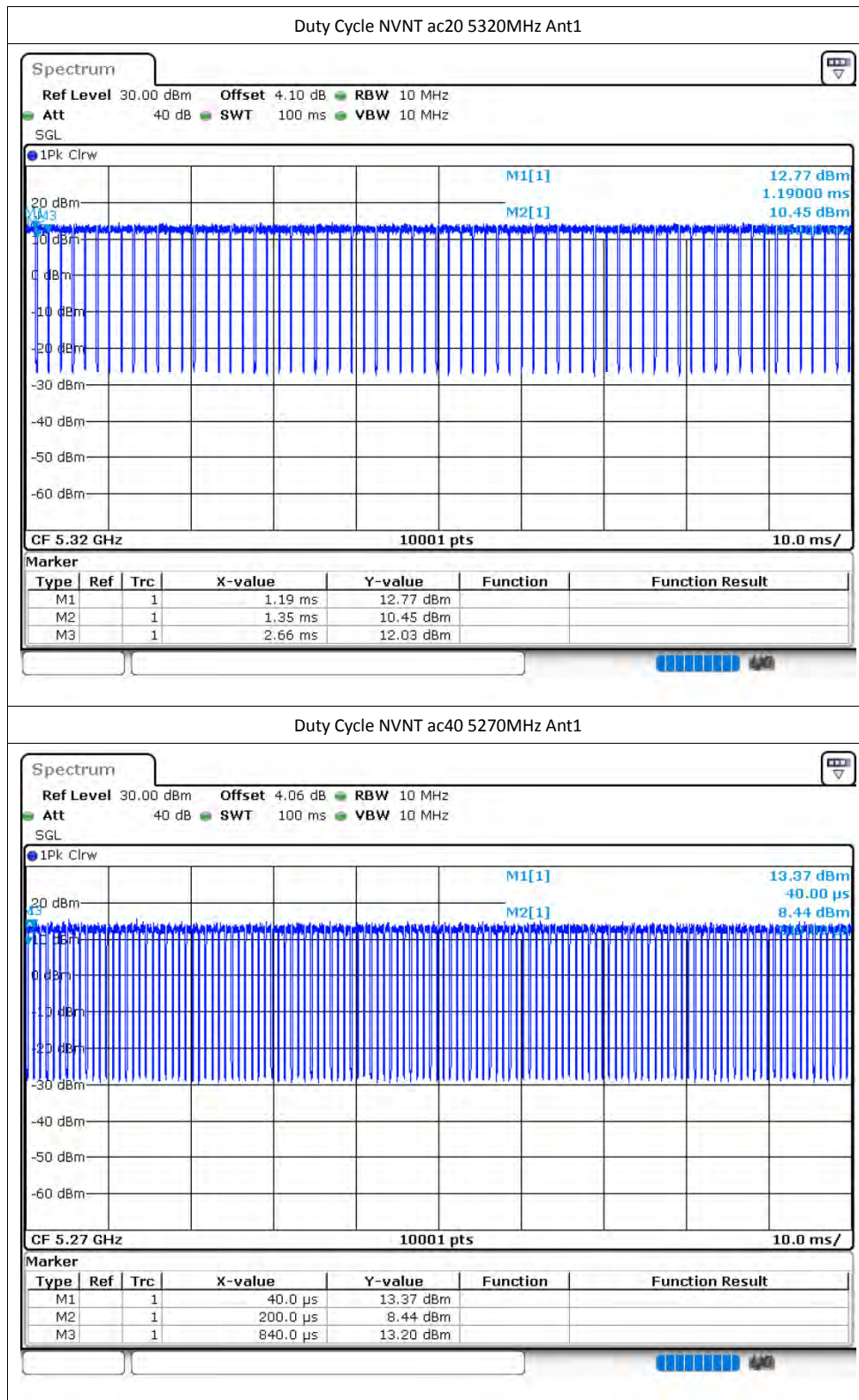


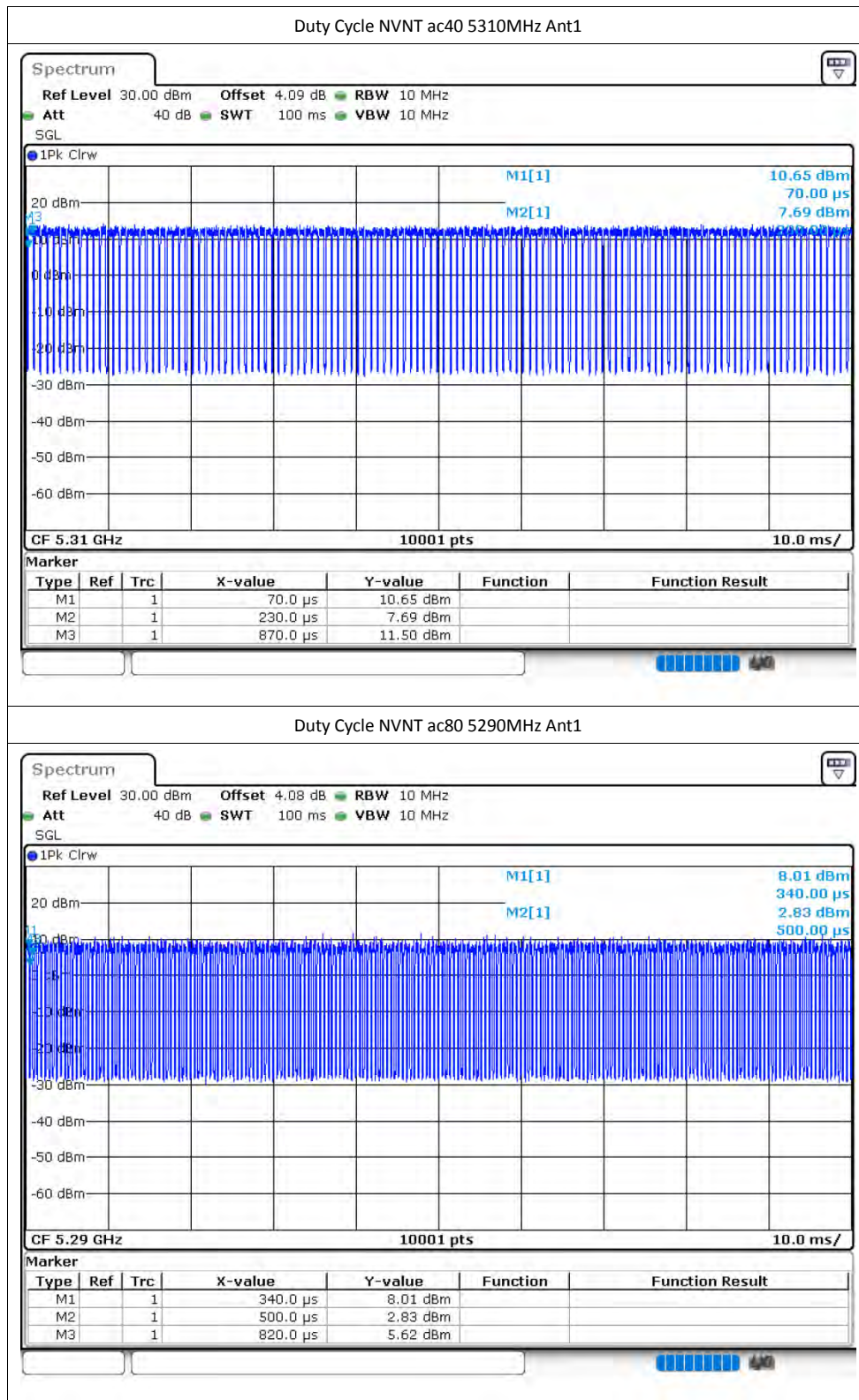


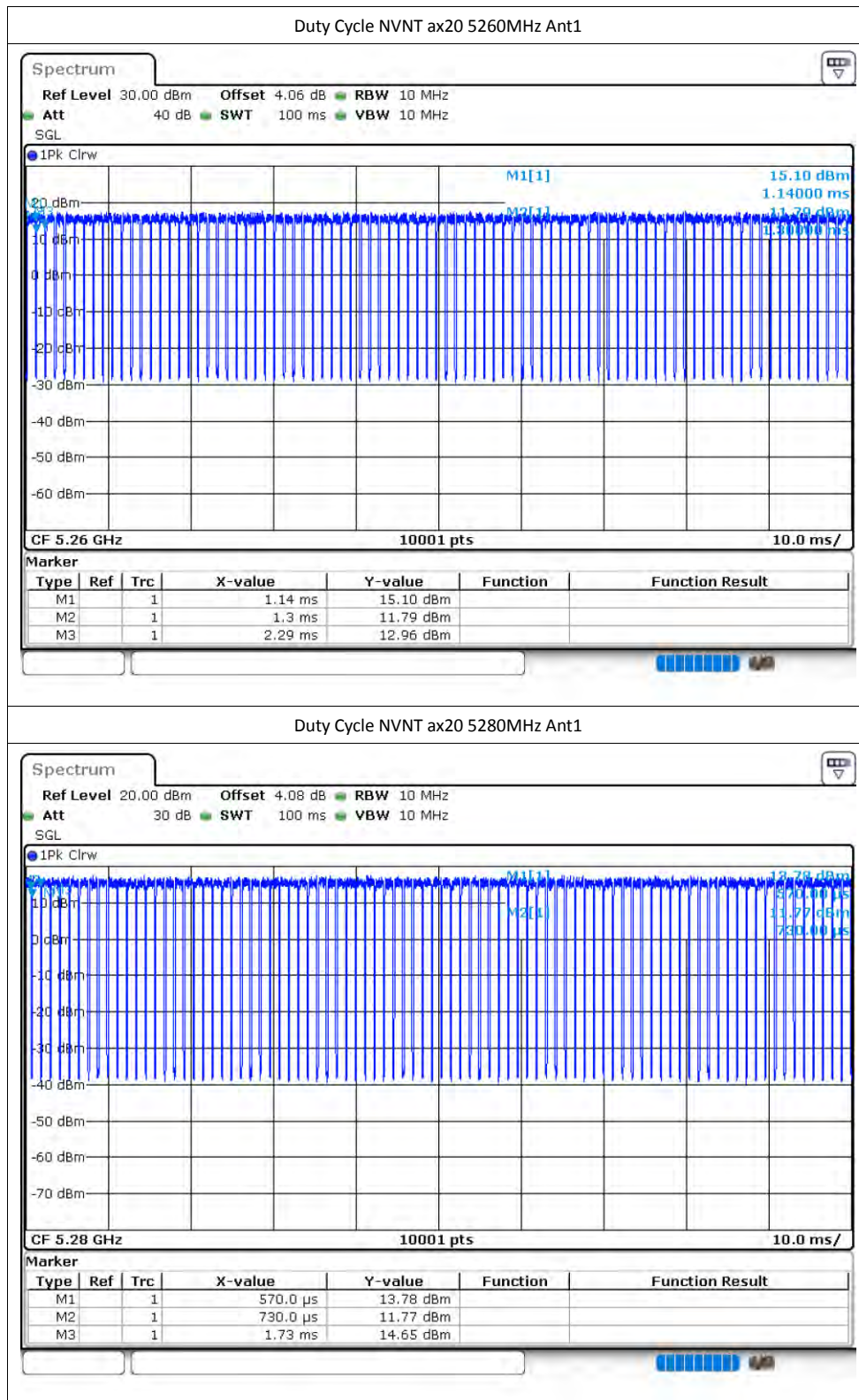


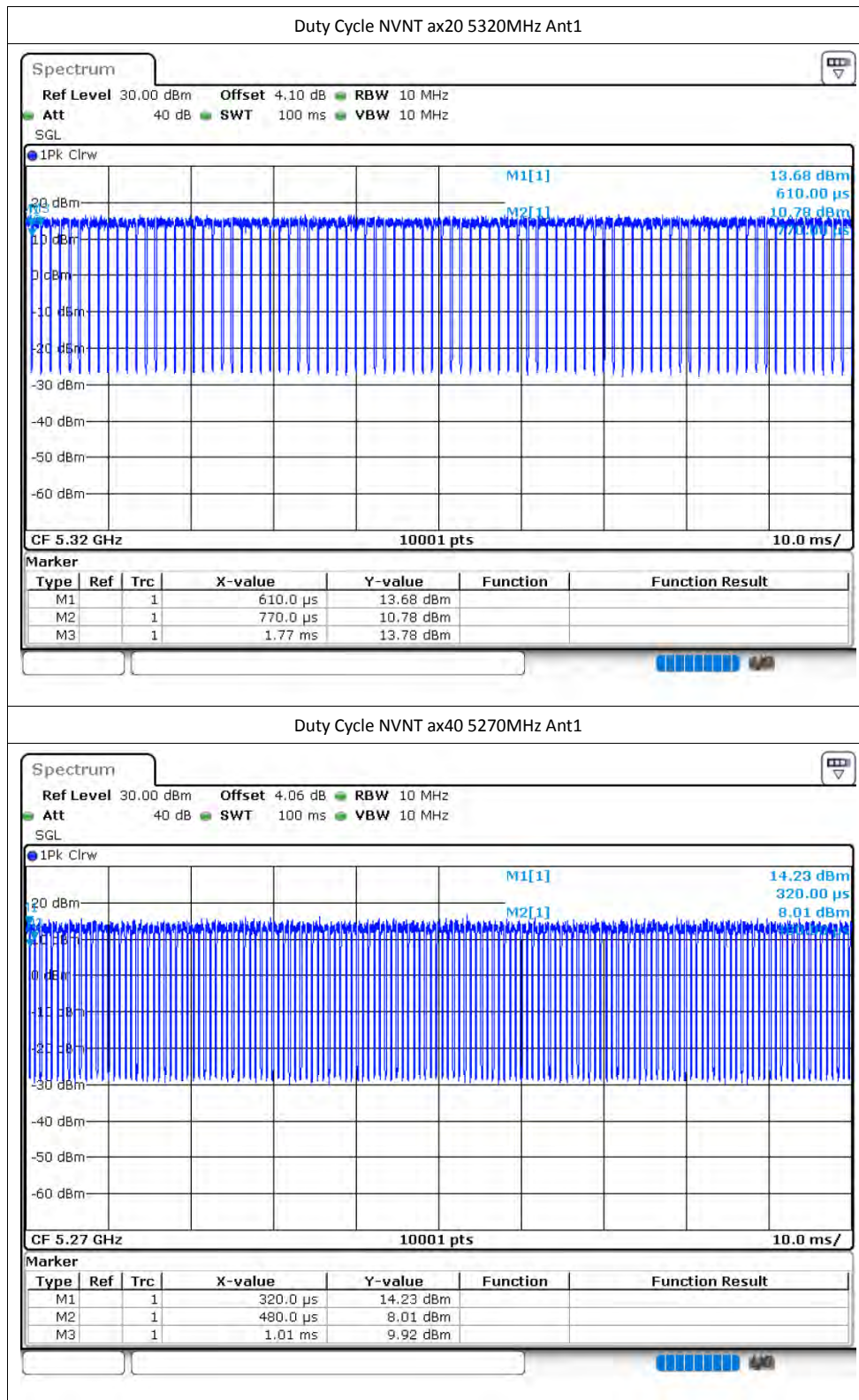




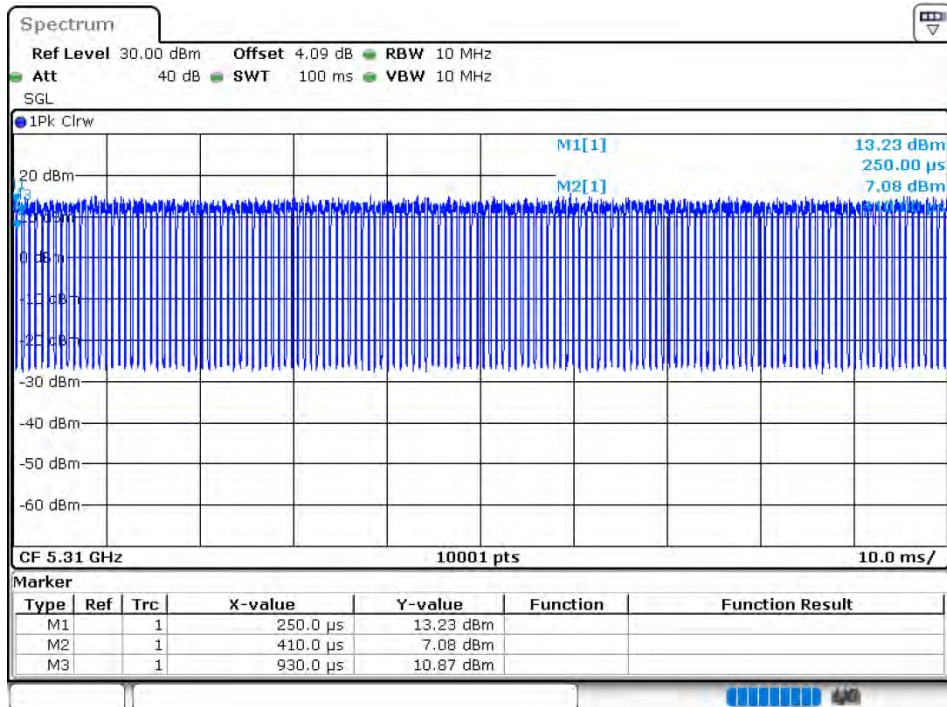




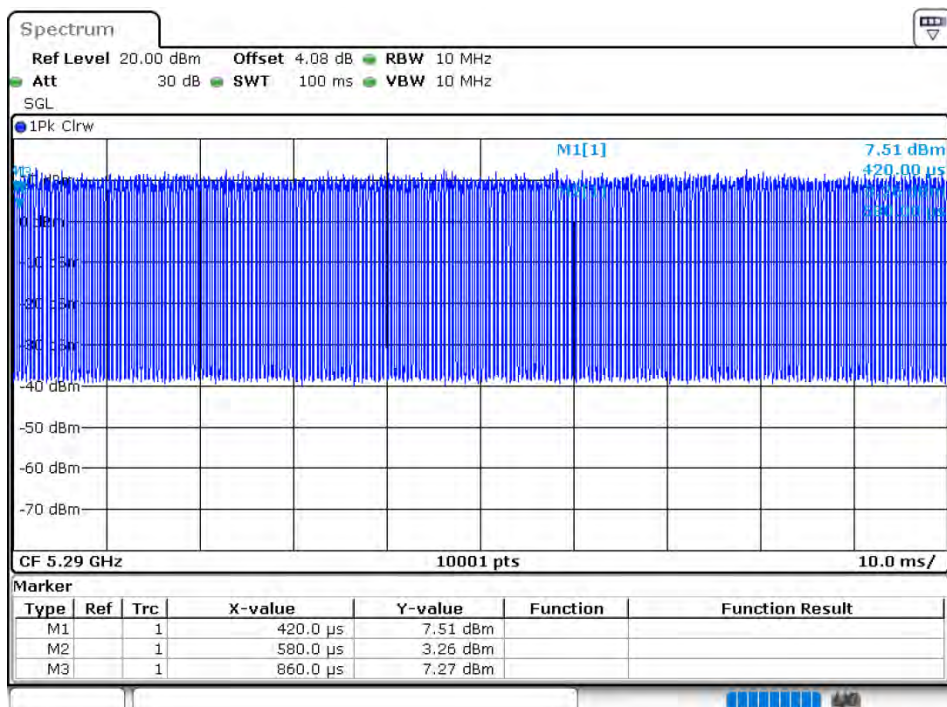




Duty Cycle NVNT ax40 5310MHz Ant1



Duty Cycle NVNT ax80 5290MHz Ant1



Maximum Conducted Output Power

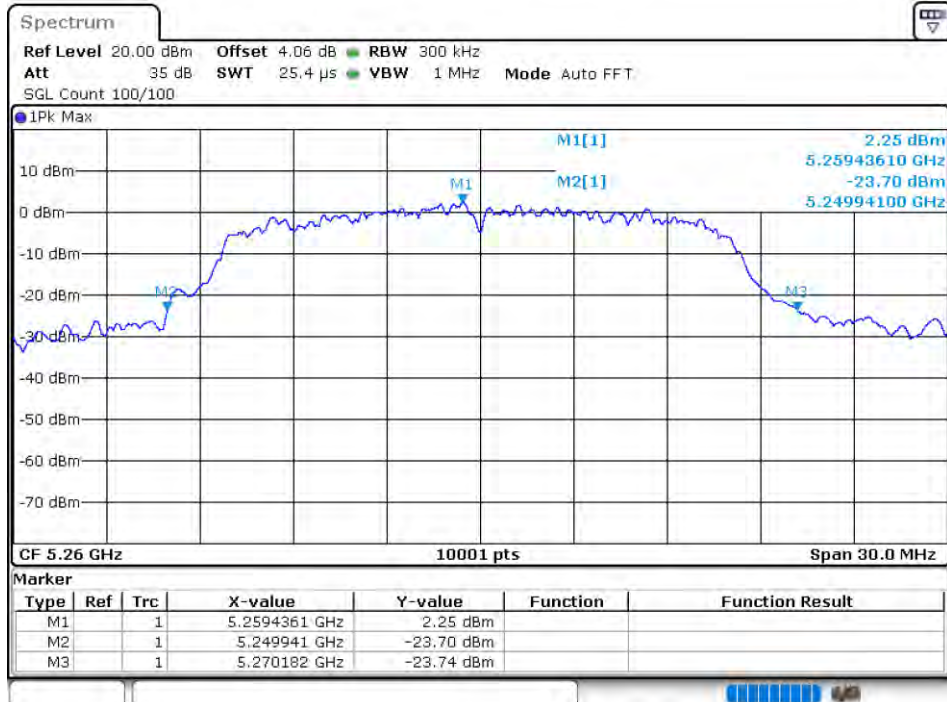
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	11.22	0.45	11.67	24	Pass
NVNT	a	5280	Ant1	11.14	0.45	11.59	24	Pass
NVNT	a	5320	Ant1	10.22	0.45	10.67	24	Pass
NVNT	n20	5260	Ant1	10.97	0.49	11.46	24	Pass
NVNT	n20	5280	Ant1	10.9	0.49	11.39	24	Pass
NVNT	n20	5320	Ant1	10.15	0.48	10.63	24	Pass
NVNT	n40	5270	Ant1	10.75	0.92	11.67	24	Pass
NVNT	n40	5310	Ant1	10.24	0.92	11.16	24	Pass
NVNT	ac20	5260	Ant1	10.94	0.48	11.42	24	Pass
NVNT	ac20	5280	Ant1	11.03	0.48	11.51	24	Pass
NVNT	ac20	5320	Ant1	9.85	0.47	10.32	24	Pass
NVNT	ac40	5270	Ant1	10.73	0.91	11.64	24	Pass
NVNT	ac40	5310	Ant1	10.23	0.91	11.14	24	Pass
NVNT	ac80	5290	Ant1	8.61	1.64	10.25	24	Pass
NVNT	ax20	5260	Ant1	10.91	0.6	11.51	24	Pass
NVNT	ax20	5280	Ant1	10.79	0.61	11.4	24	Pass
NVNT	ax20	5320	Ant1	10.81	0.6	11.41	24	Pass
NVNT	ax40	5270	Ant1	10.52	1.07	11.59	24	Pass
NVNT	ax40	5310	Ant1	10.29	1.07	11.36	24	Pass
NVNT	ax80	5290	Ant1	9.51	1.81	11.32	24	Pass

-26dB Bandwidth

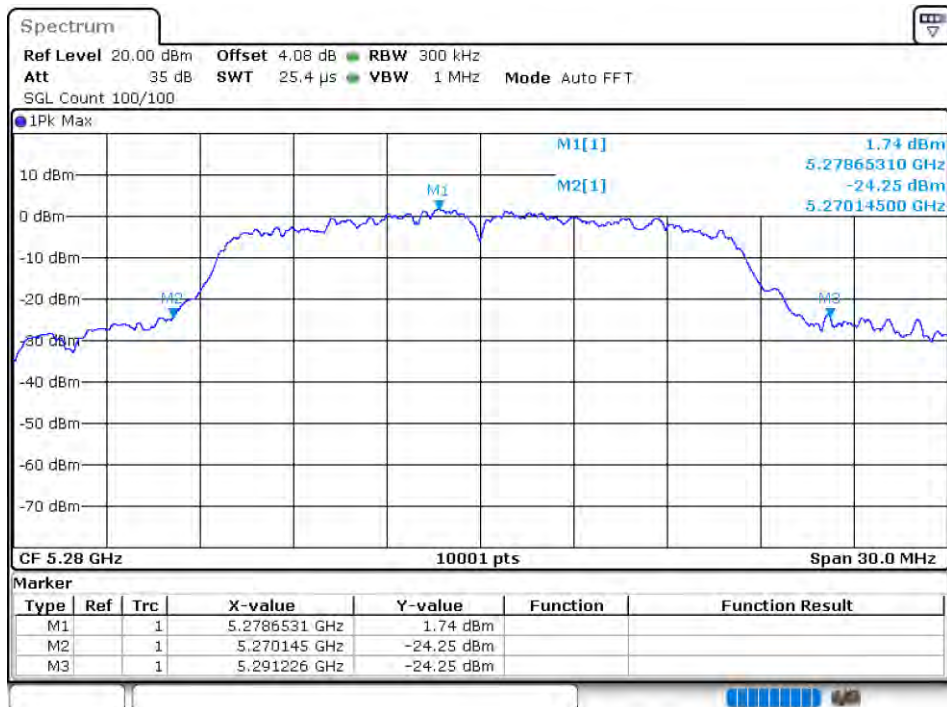
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	20.241	Pass
NVNT	a	5280	Ant1	21.081	Pass
NVNT	a	5320	Ant1	21.459	Pass
NVNT	n20	5260	Ant1	20.745	Pass
NVNT	n20	5280	Ant1	20.247	Pass
NVNT	n20	5320	Ant1	21.609	Pass
NVNT	n40	5270	Ant1	57.762	Pass
NVNT	n40	5310	Ant1	57.228	Pass
NVNT	ac20	5260	Ant1	20.751	Pass
NVNT	ac20	5280	Ant1	23.082	Pass
NVNT	ac20	5320	Ant1	23.541	Pass
NVNT	ac40	5270	Ant1	52.26	Pass
NVNT	ac40	5310	Ant1	55.236	Pass
NVNT	ac80	5290	Ant1	116.544	Pass
NVNT	ax20	5260	Ant1	19.881	Pass
NVNT	ax20	5280	Ant1	22.701	Pass
NVNT	ax20	5320	Ant1	19.863	Pass
NVNT	ax40	5270	Ant1	40.26	Pass
NVNT	ax40	5310	Ant1	39.72	Pass
NVNT	ax80	5290	Ant1	80.52	Pass

Test Graphs

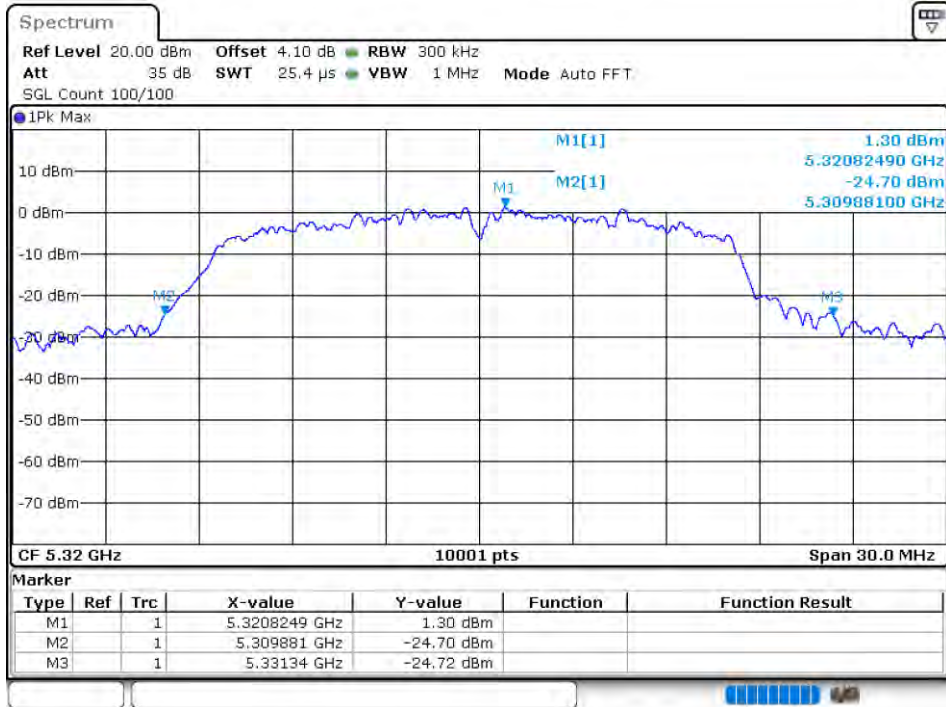
-26dB Bandwidth NVNT a 5260MHz Ant1



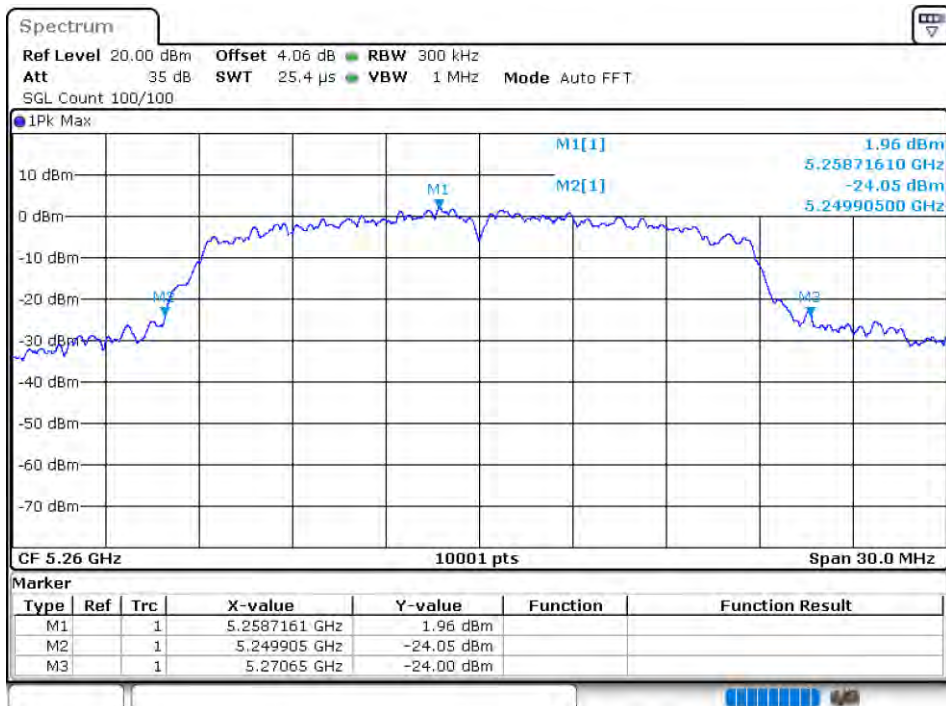
-26dB Bandwidth NVNT a 5280MHz Ant1

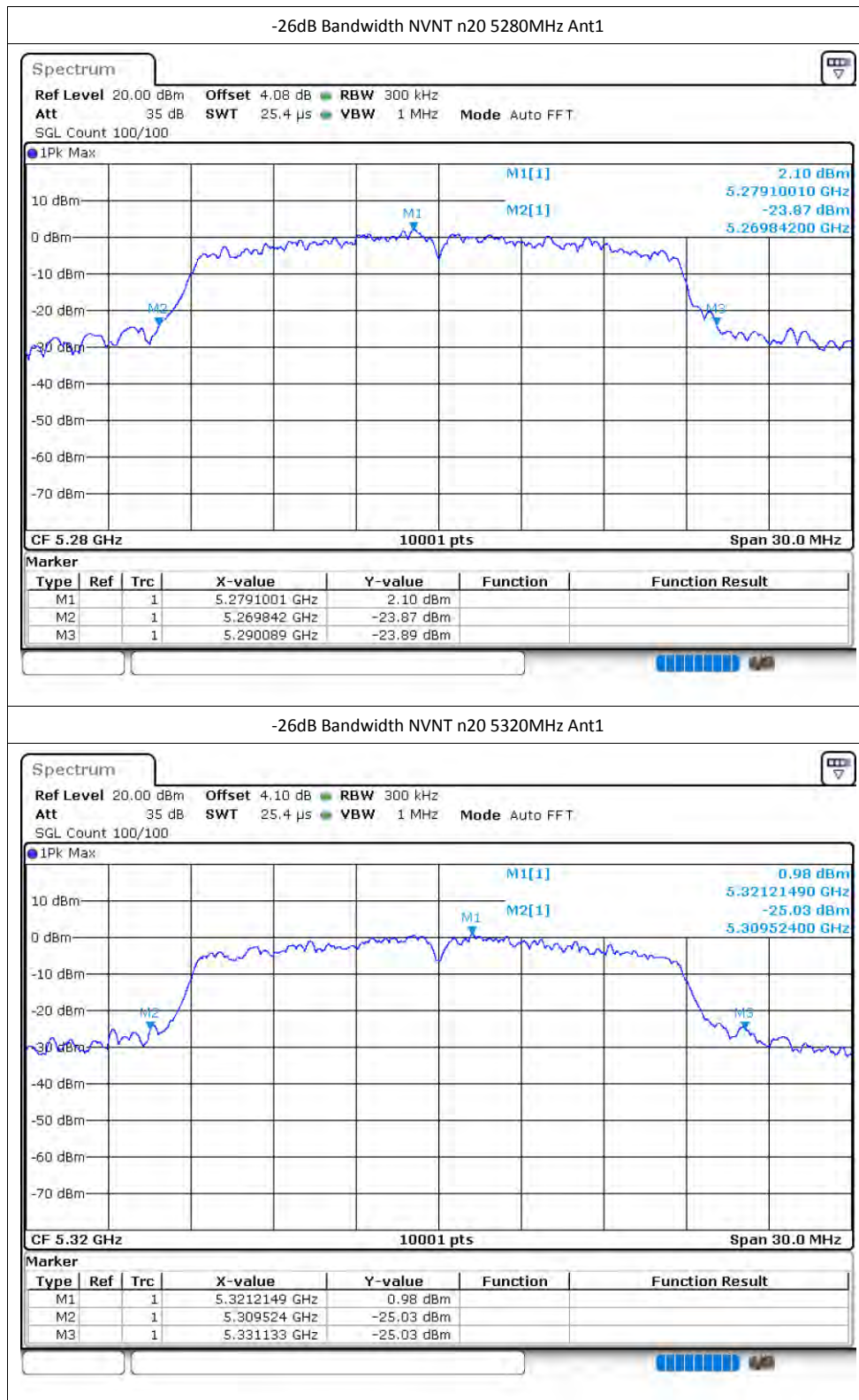


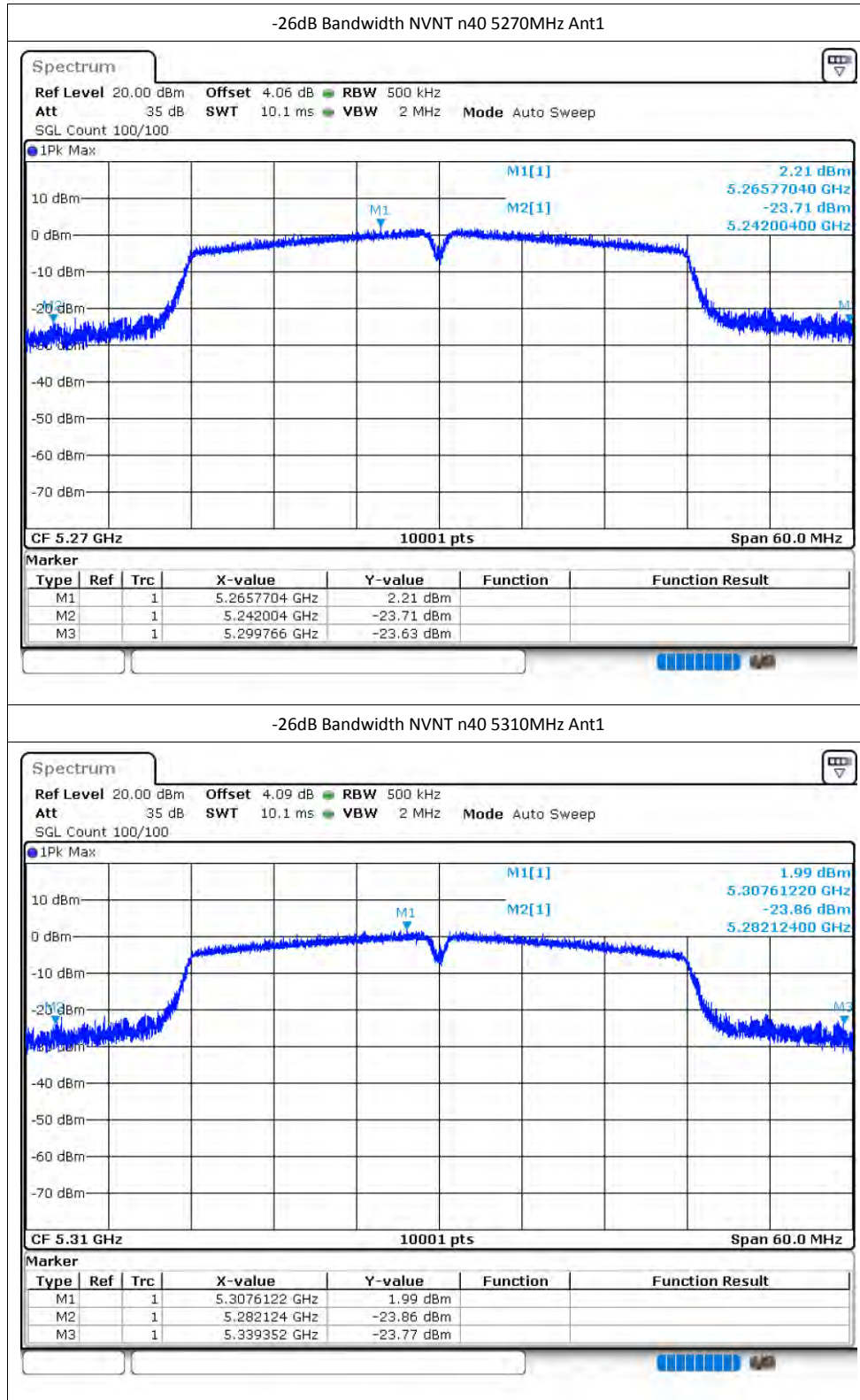
-26dB Bandwidth NVNT a 5320MHz Ant1

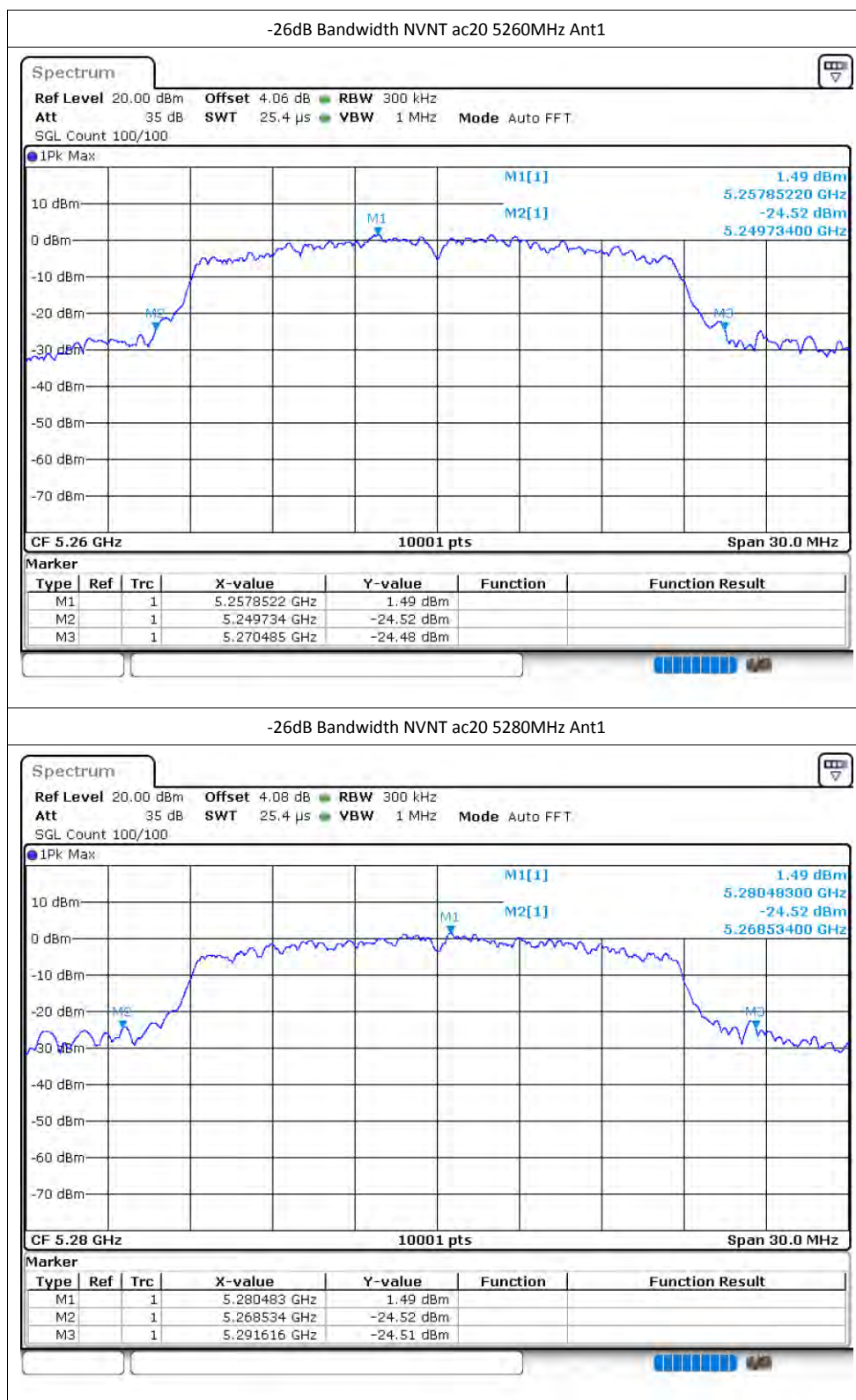


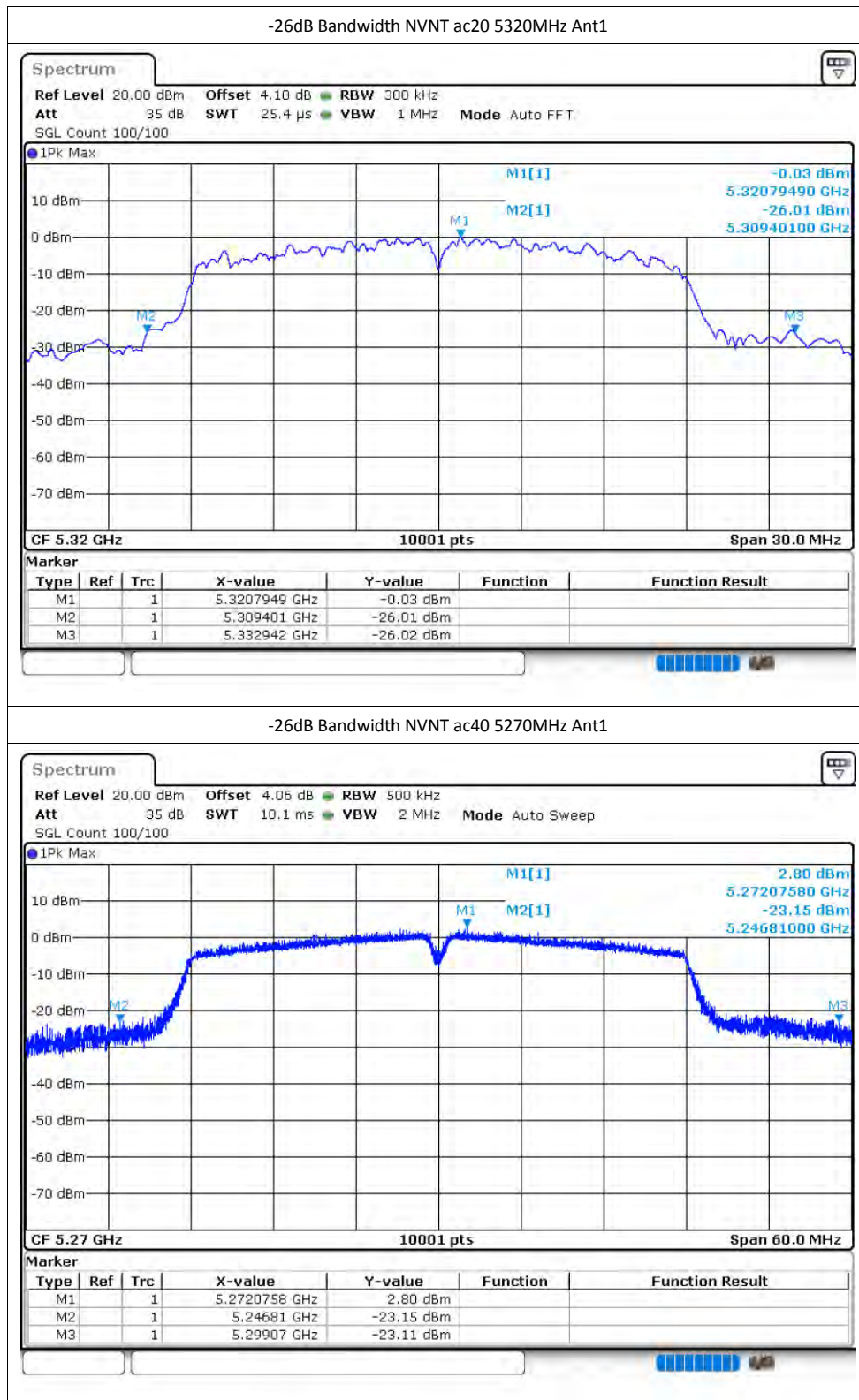
-26dB Bandwidth NVNT n20 5260MHz Ant1

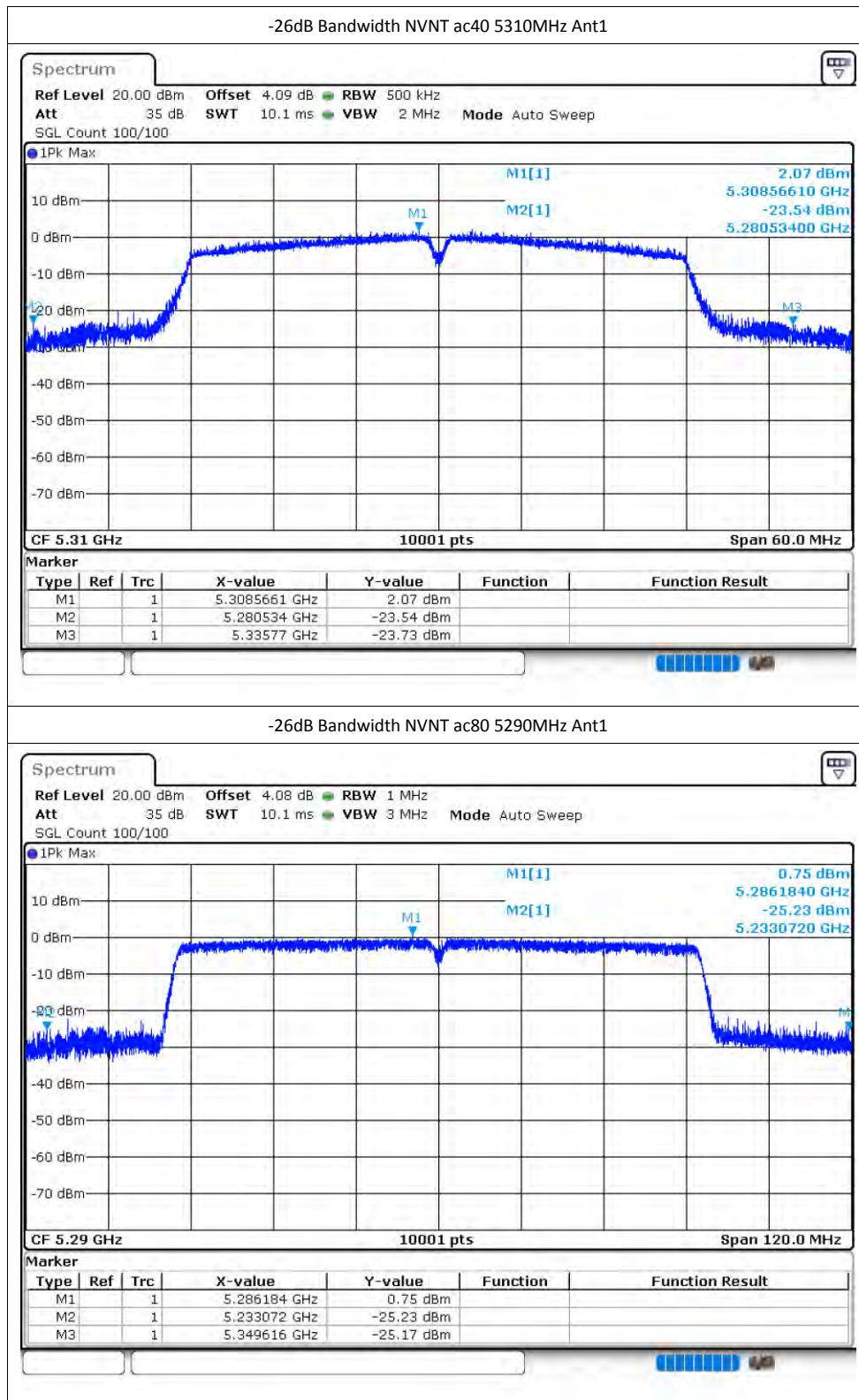


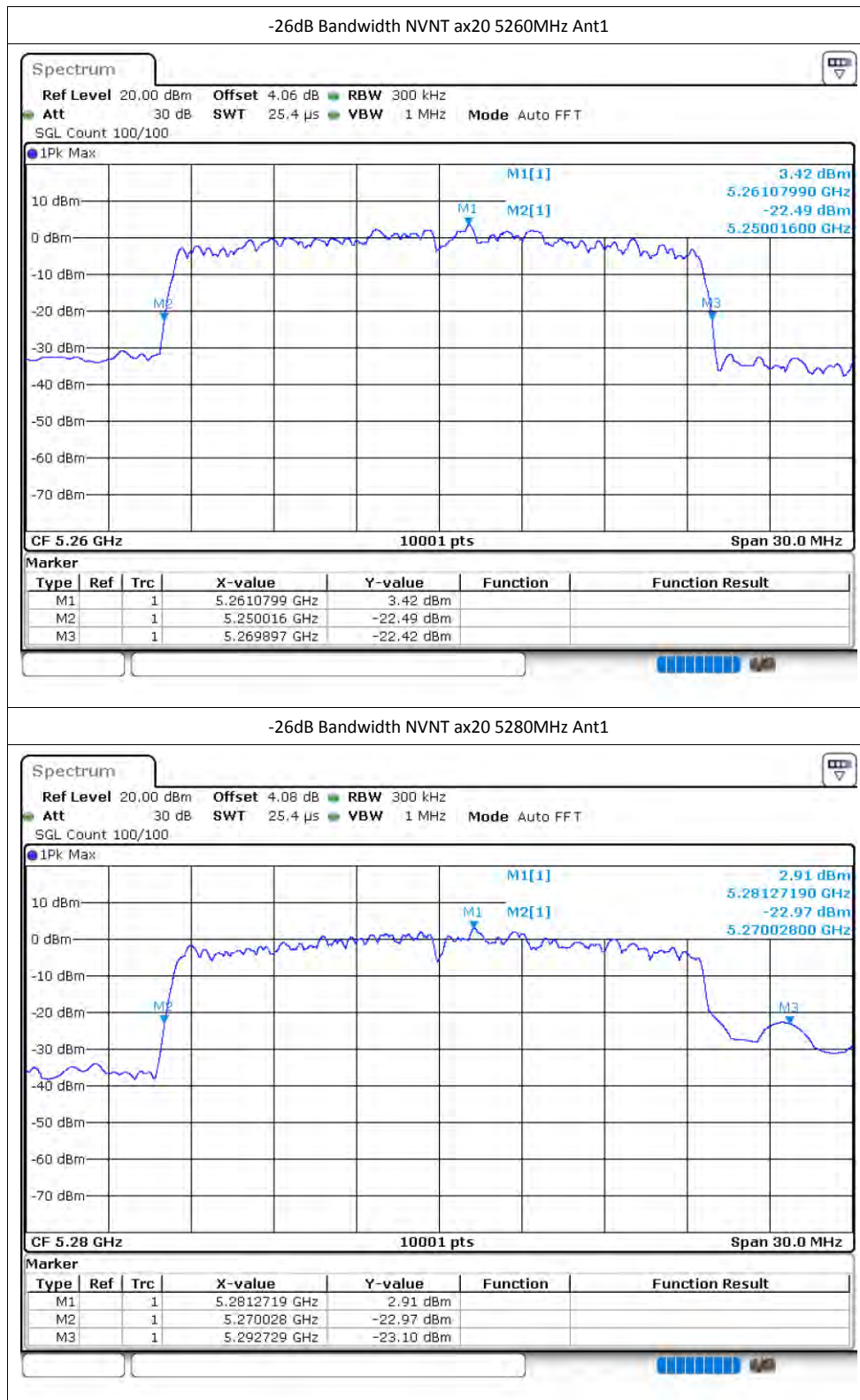


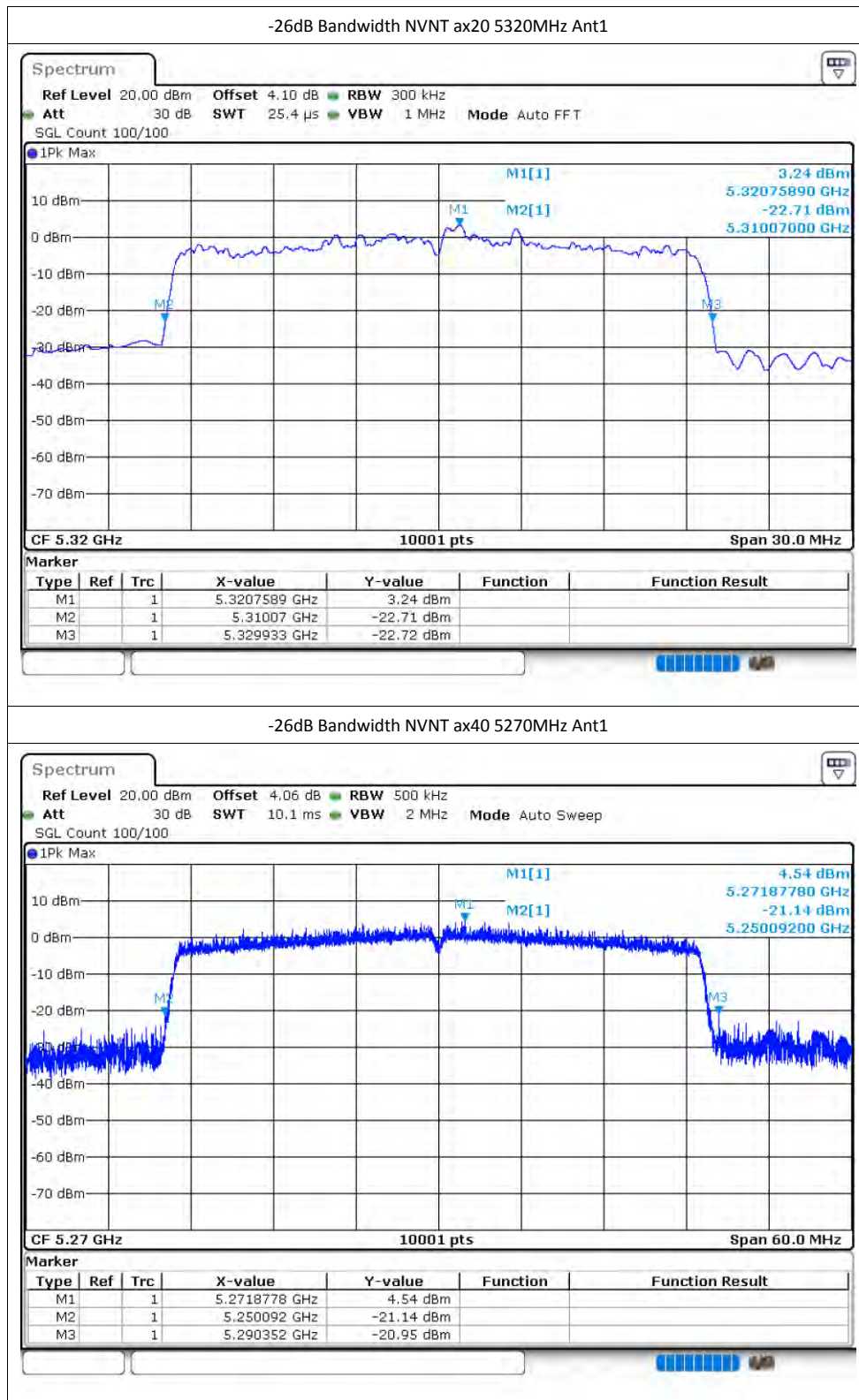


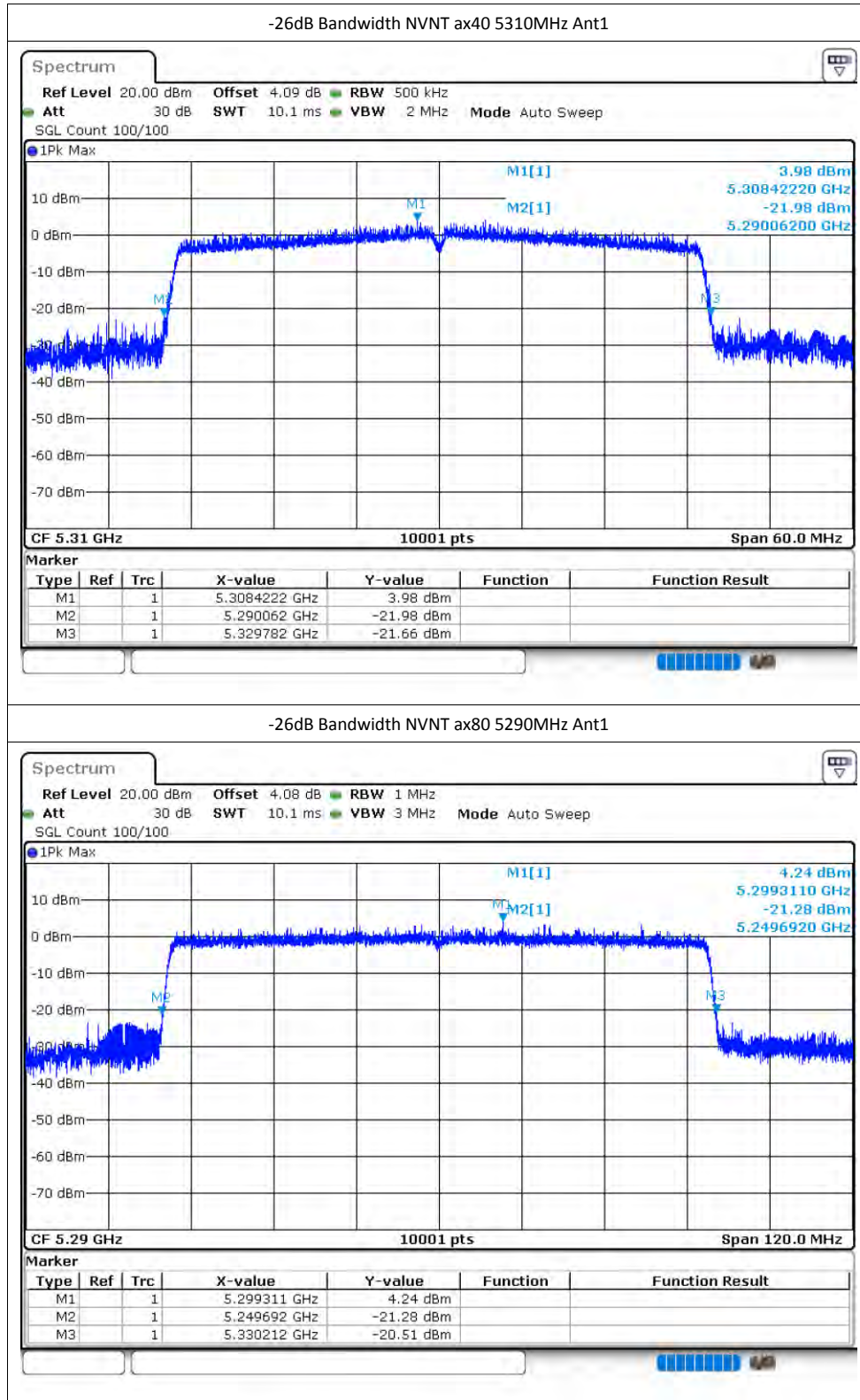










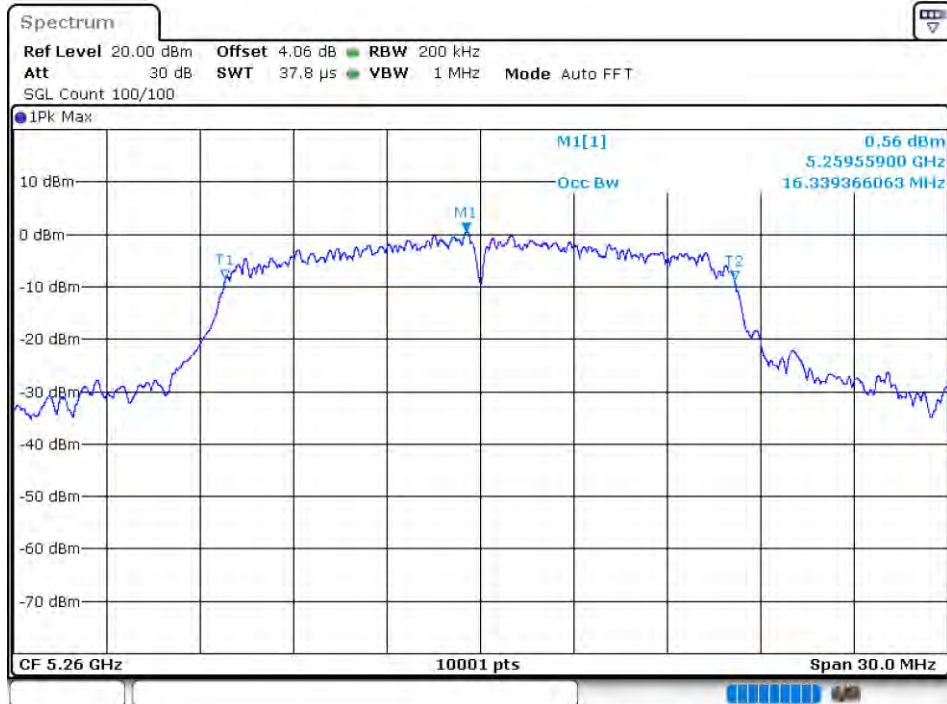


Occupied Channel Bandwidth

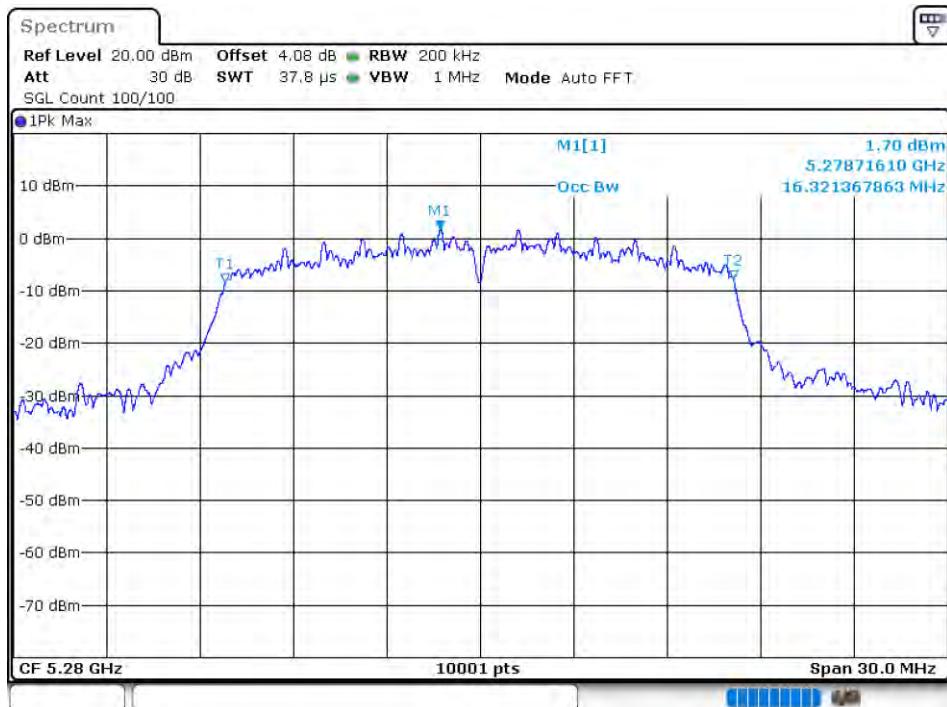
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.339
NVNT	a	5280	Ant1	16.321
NVNT	a	5320	Ant1	16.468
NVNT	n20	5260	Ant1	17.536
NVNT	n20	5280	Ant1	17.536
NVNT	n20	5320	Ant1	17.497
NVNT	n40	5270	Ant1	36.158
NVNT	n40	5310	Ant1	36.14
NVNT	ac20	5260	Ant1	17.545
NVNT	ac20	5280	Ant1	17.539
NVNT	ac20	5320	Ant1	17.515
NVNT	ac40	5270	Ant1	36.128
NVNT	ac40	5310	Ant1	36.116
NVNT	ac80	5290	Ant1	75.652
NVNT	ax20	5260	Ant1	18.703
NVNT	ax20	5280	Ant1	18.703
NVNT	ax20	5320	Ant1	18.688
NVNT	ax40	5270	Ant1	37.538
NVNT	ax40	5310	Ant1	37.568
NVNT	ax80	5290	Ant1	77.212

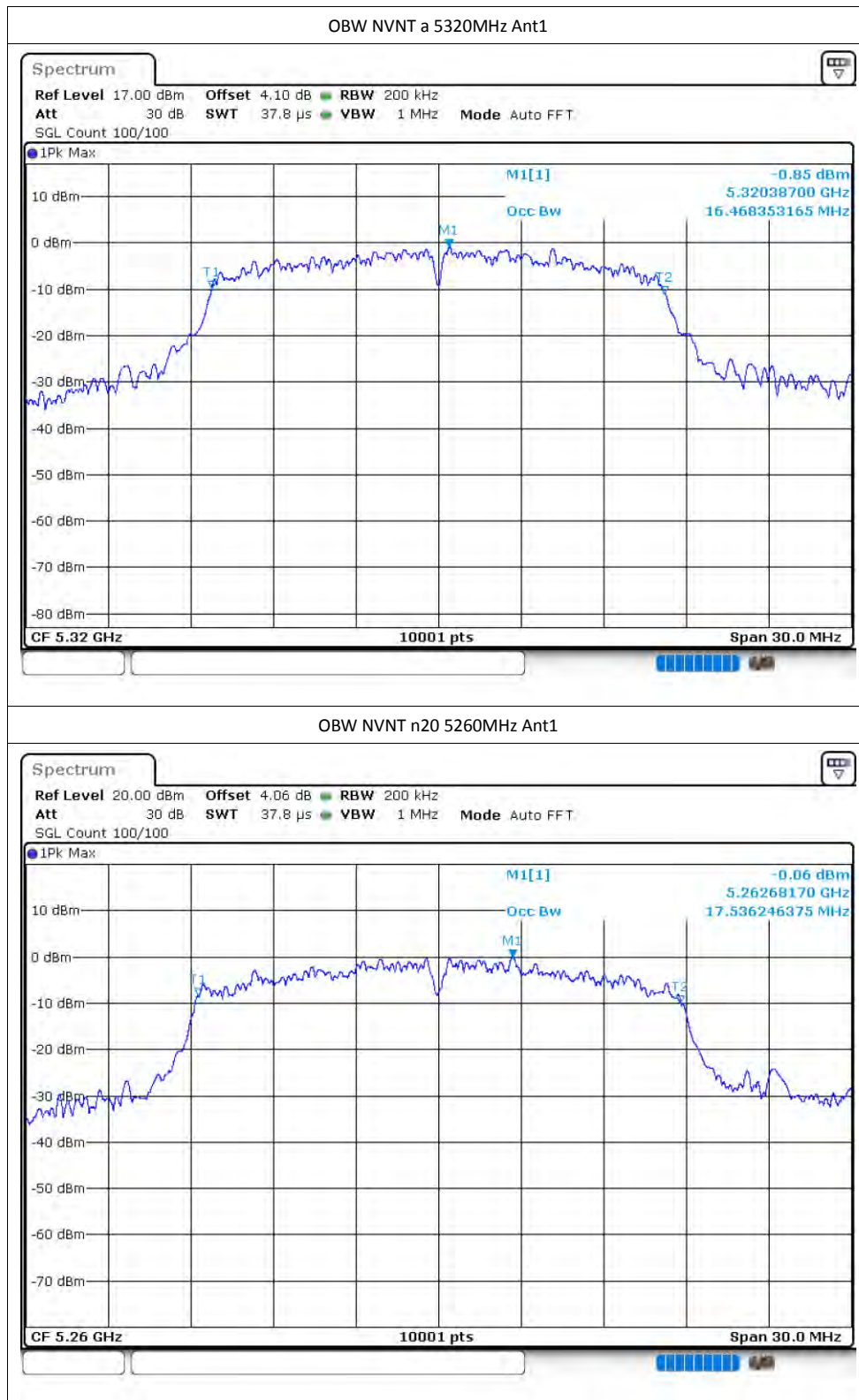
Test Graphs

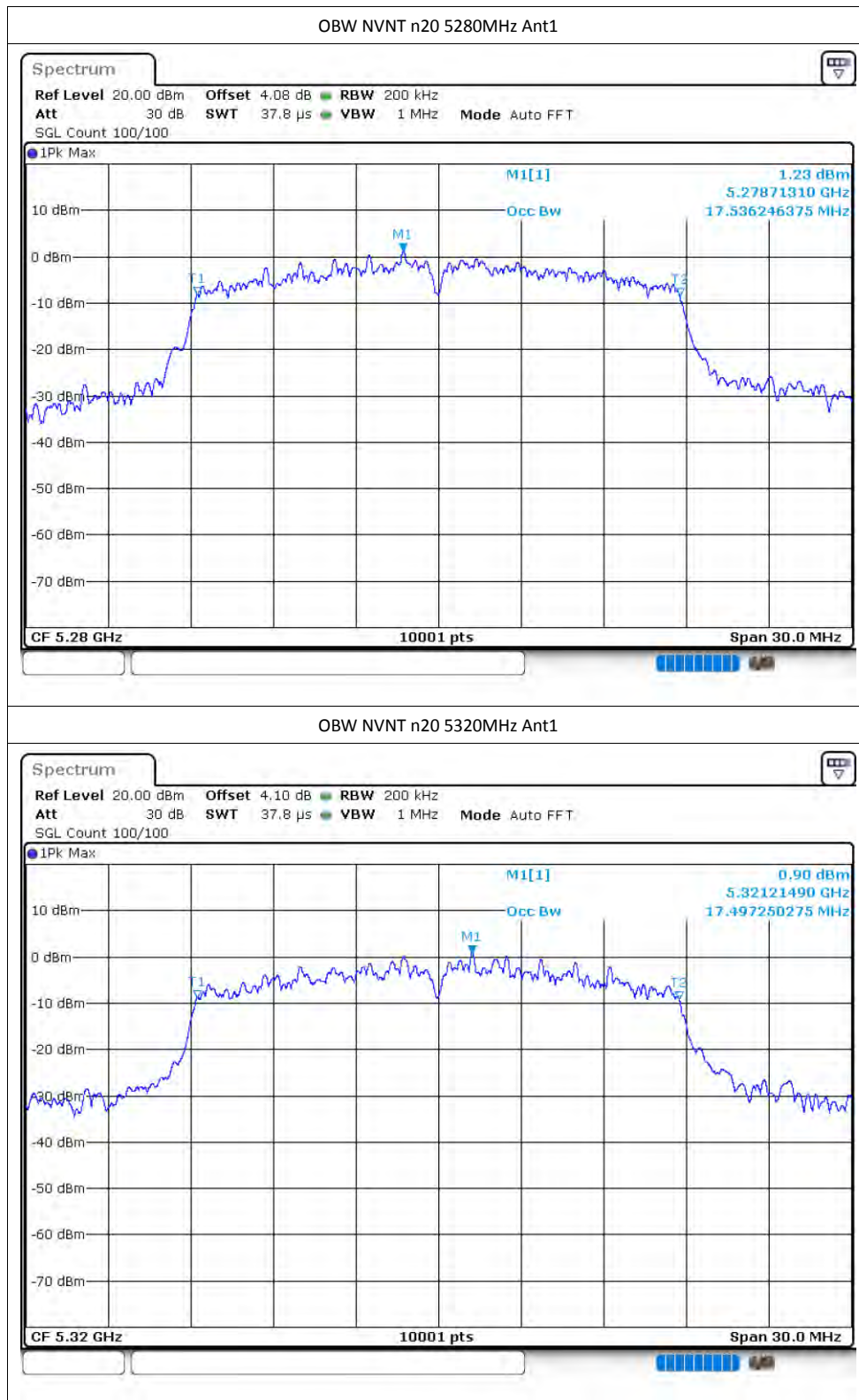
OBW NVNT a 5260MHz Ant1

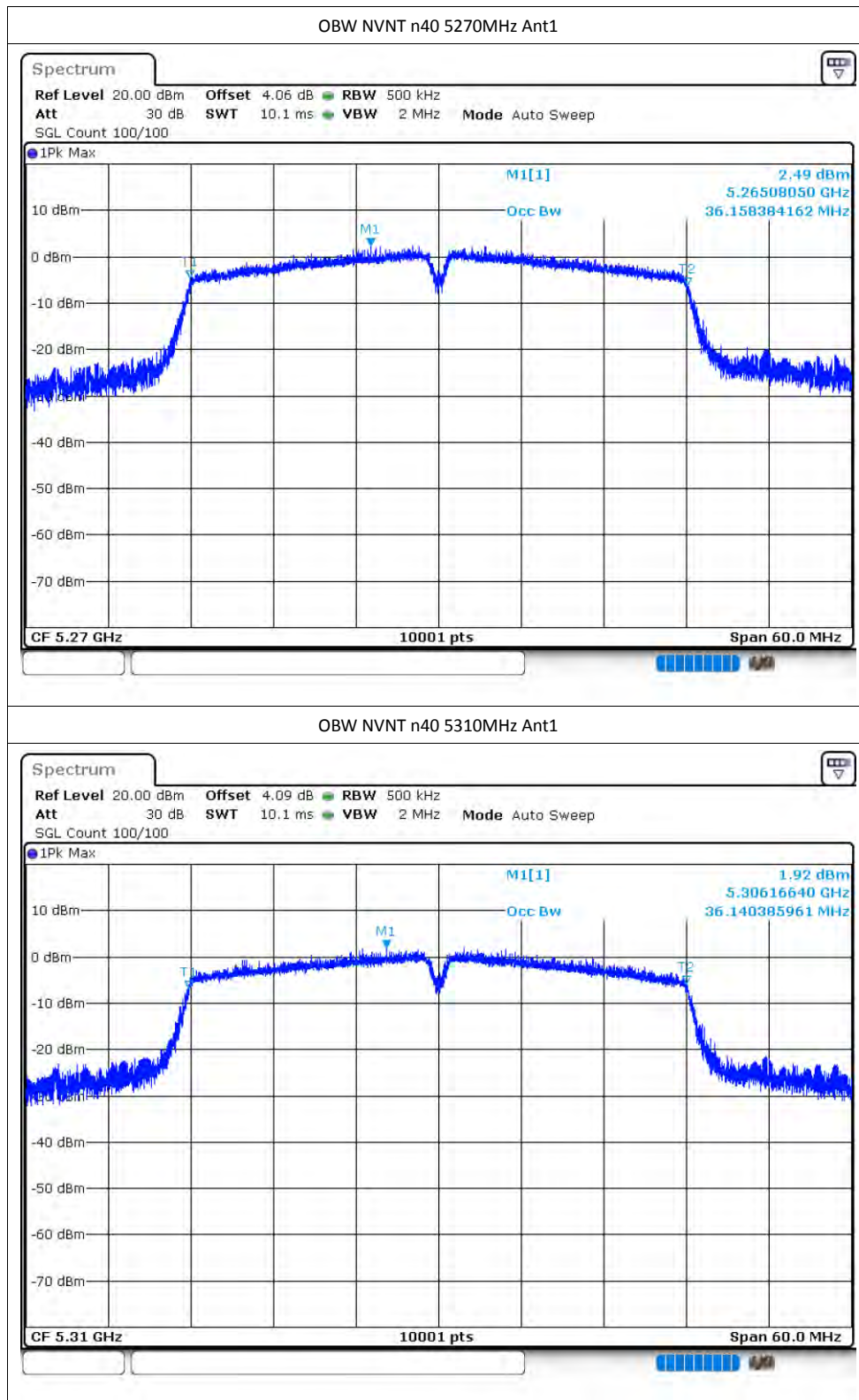


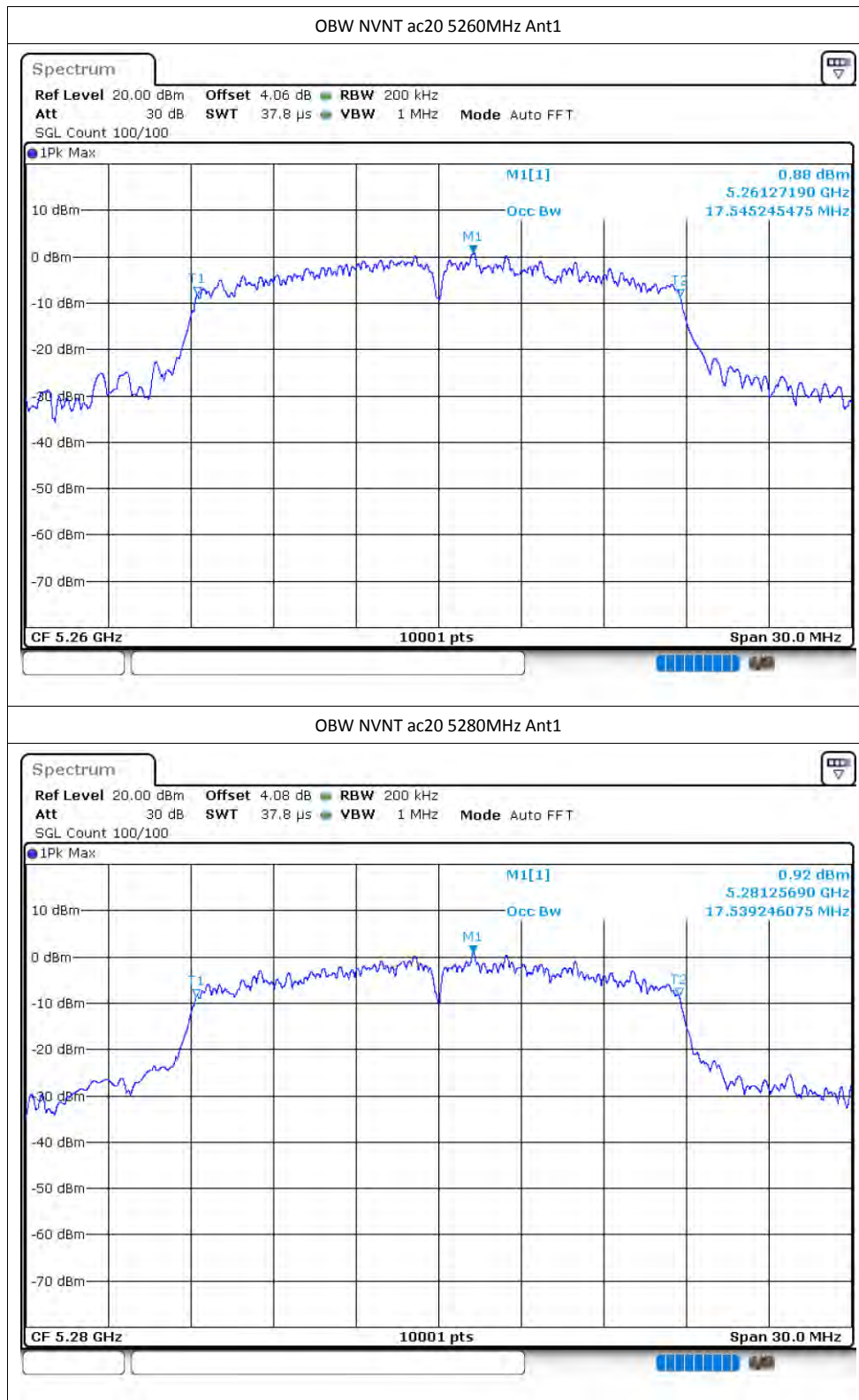
OBW NVNT a 5280MHz Ant1

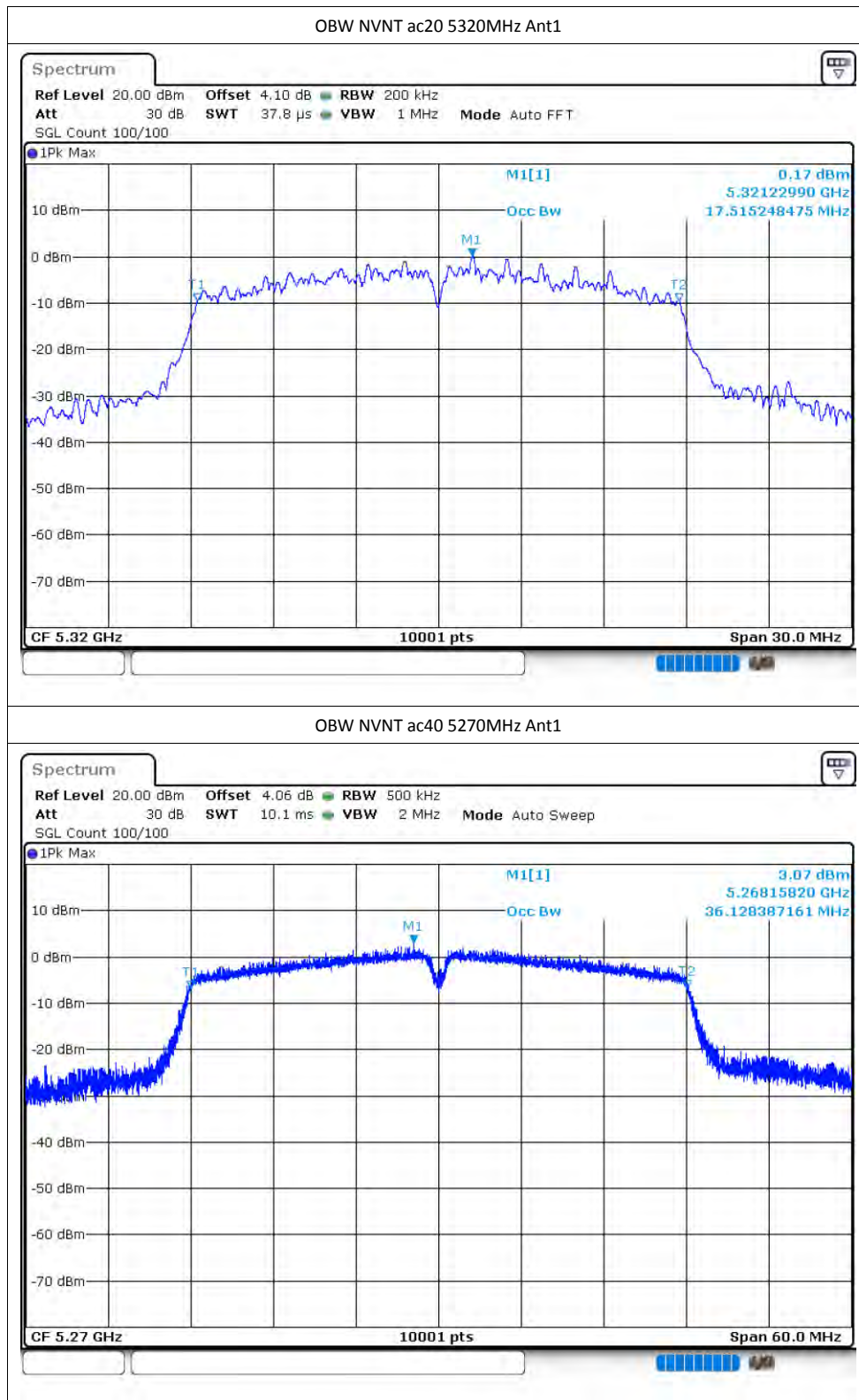


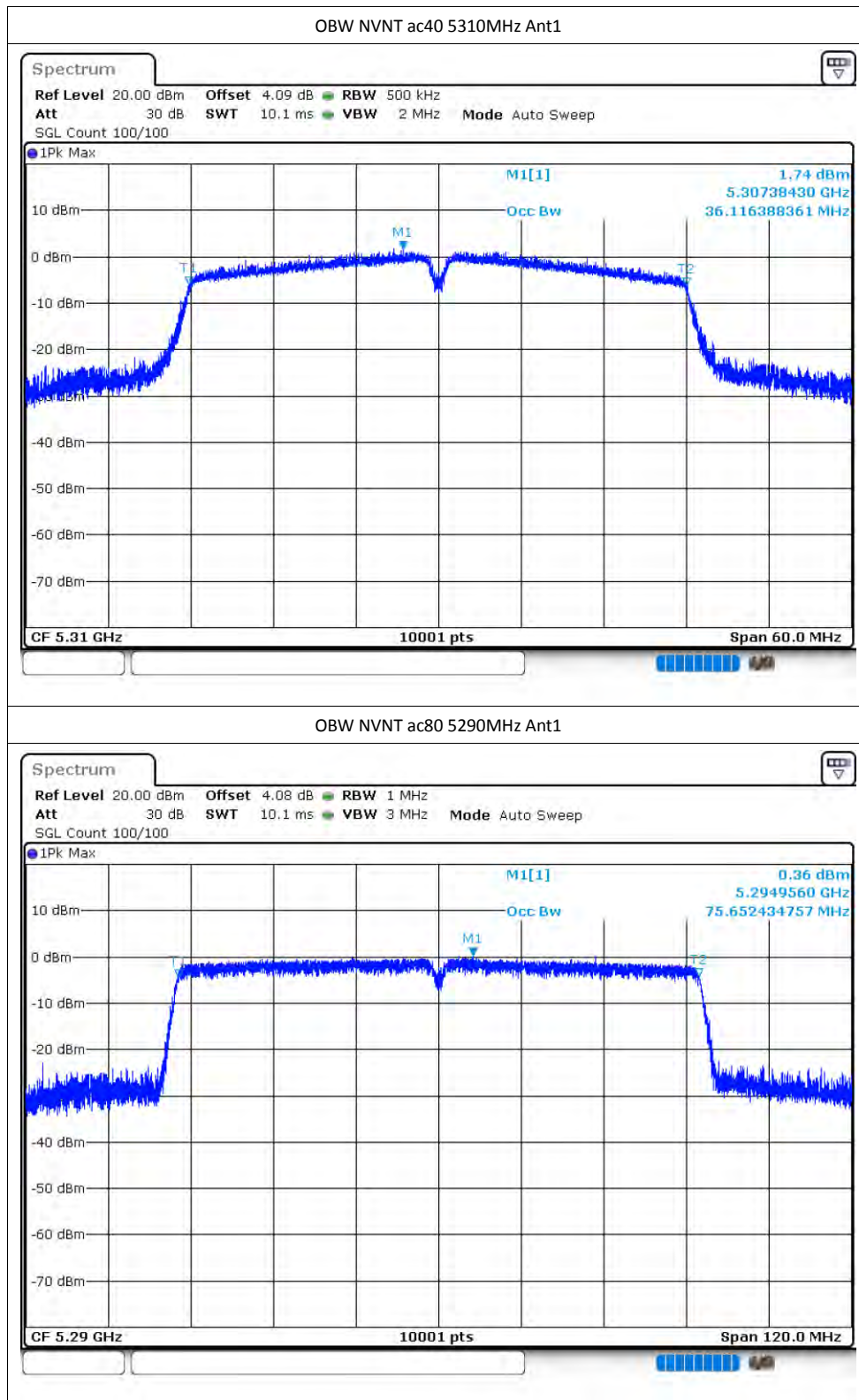


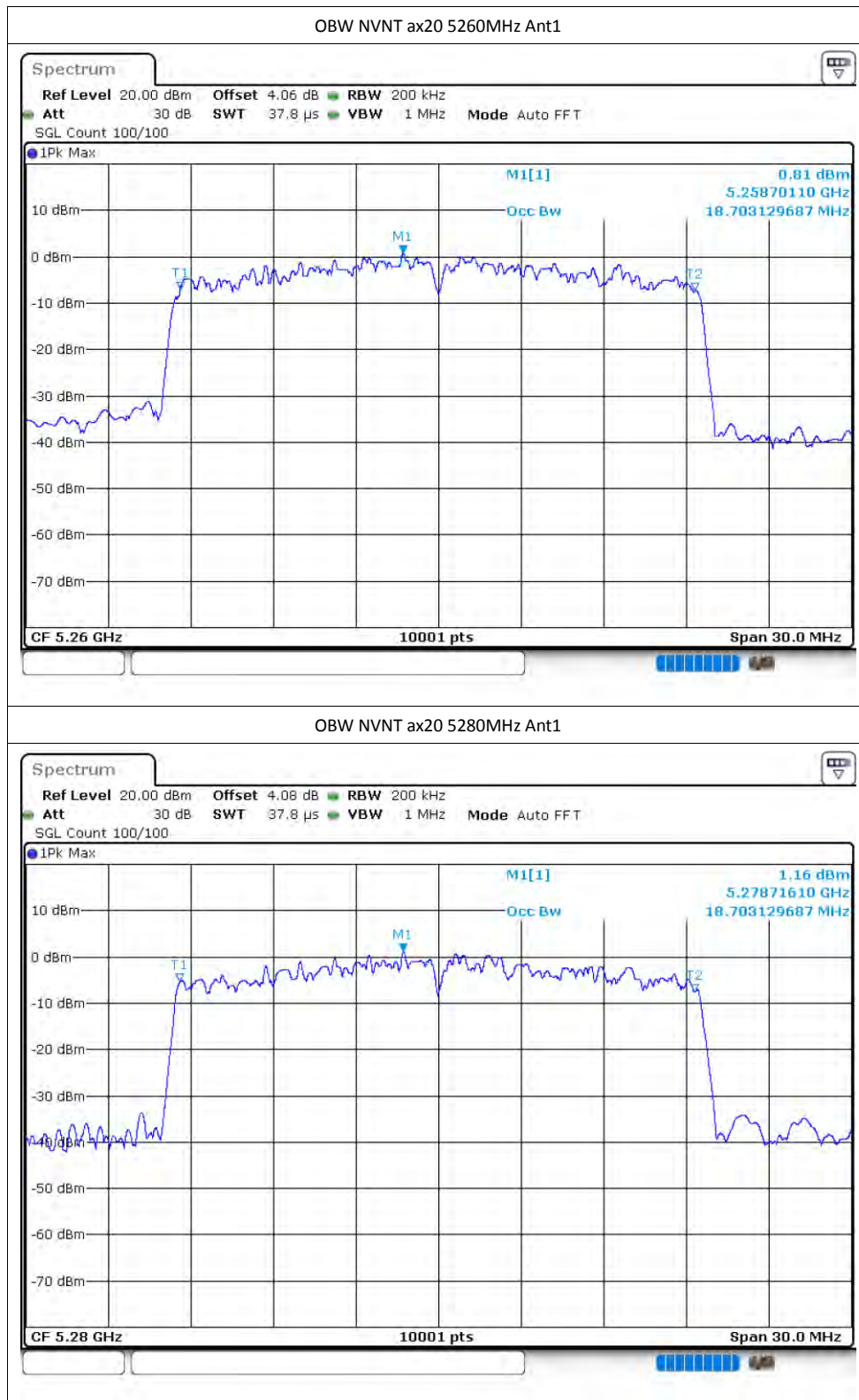


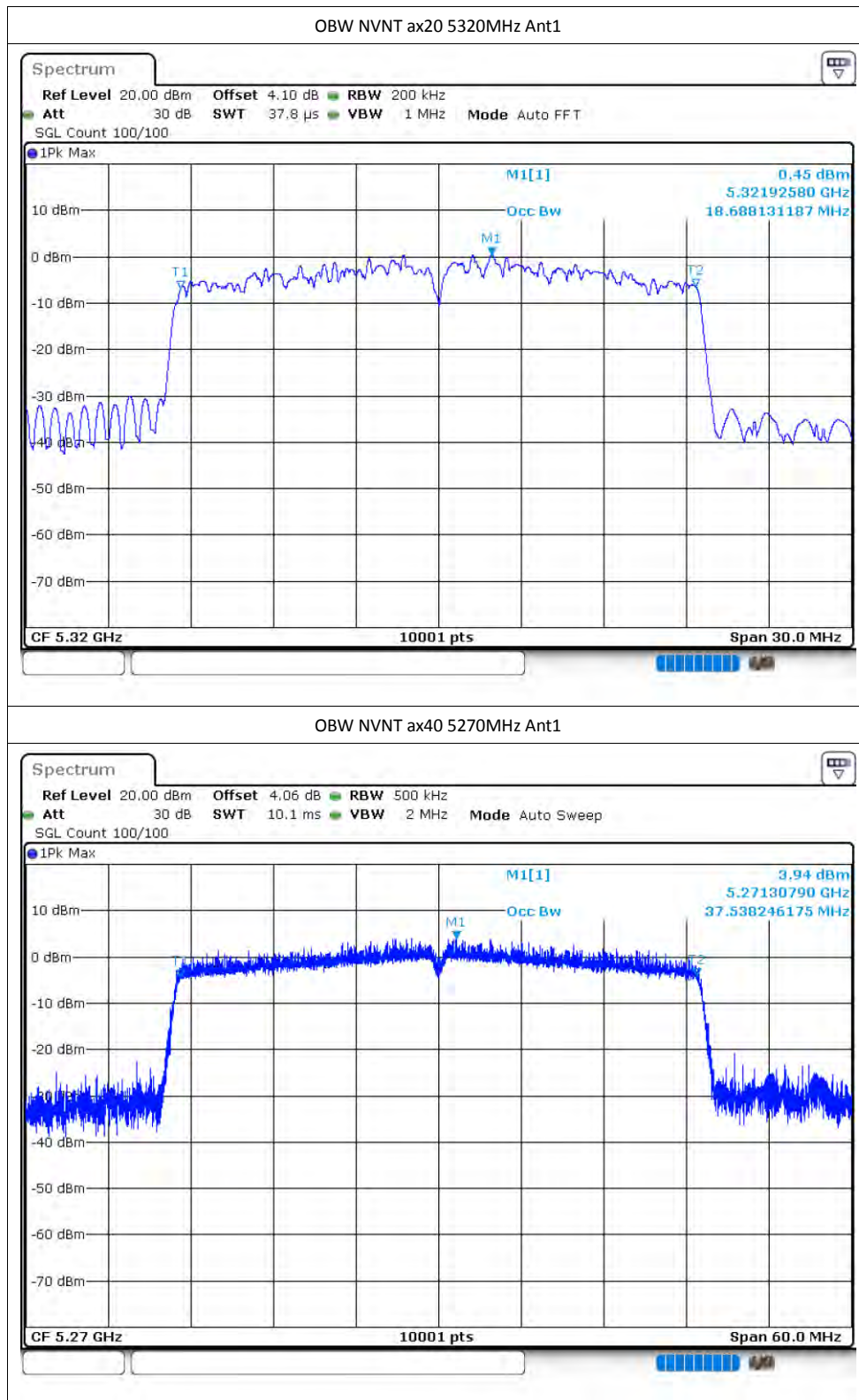


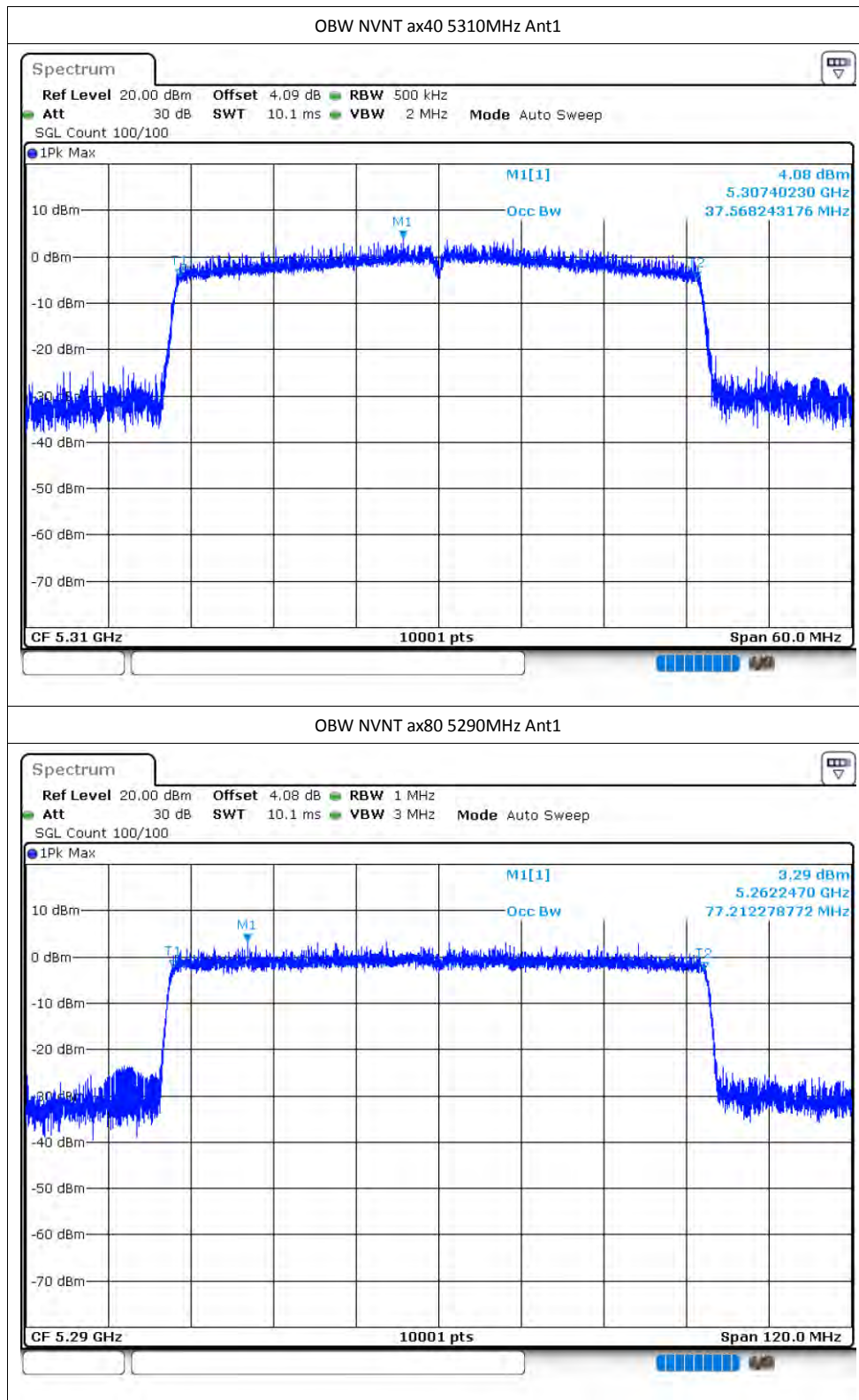










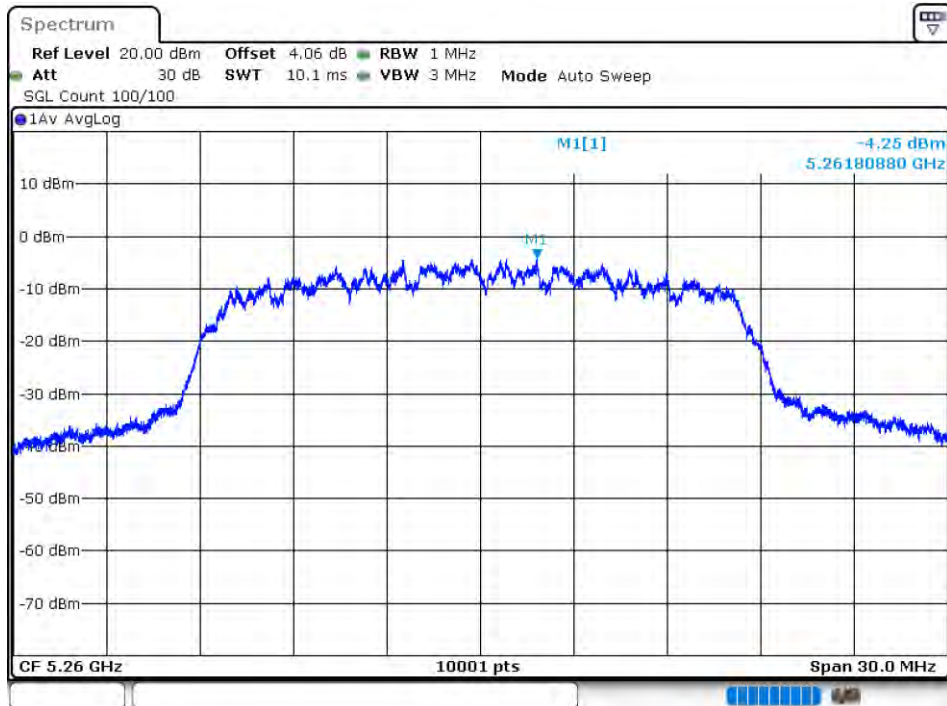


Maximum Power Spectral Density Level

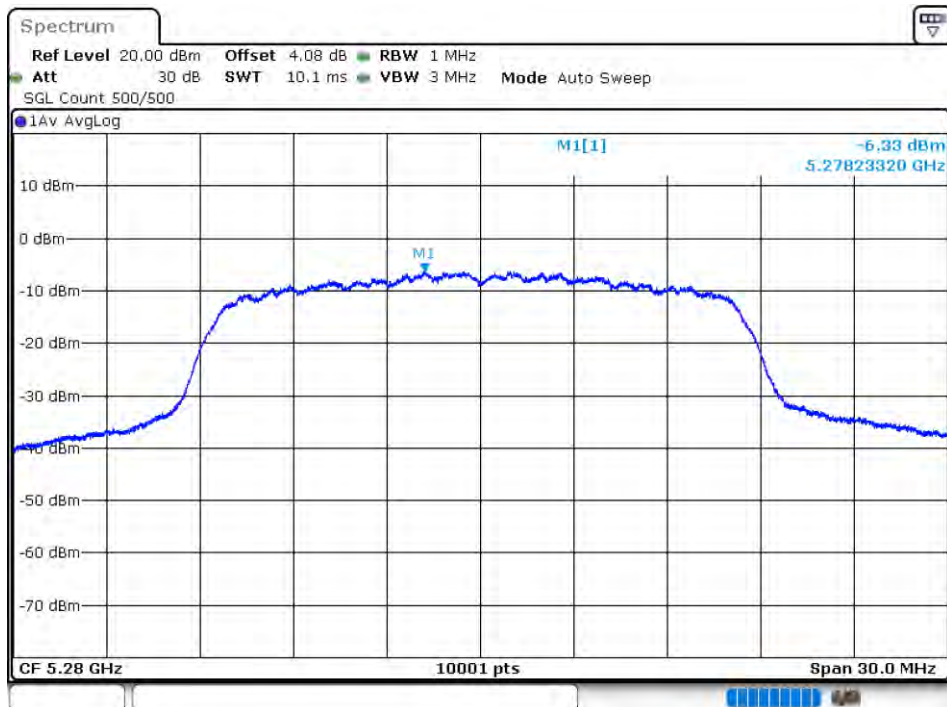
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-4.25	0.45	-3.8	11	Pass
NVNT	a	5280	Ant1	-6.33	0.45	-5.88	11	Pass
NVNT	a	5320	Ant1	-6.69	0.45	-6.24	11	Pass
NVNT	n20	5260	Ant1	-6.2	0.49	-5.71	11	Pass
NVNT	n20	5280	Ant1	-6.34	0.49	-5.85	11	Pass
NVNT	n20	5320	Ant1	-6.74	0.48	-6.26	11	Pass
NVNT	n40	5270	Ant1	-12.18	0.92	-11.26	11	Pass
NVNT	n40	5310	Ant1	-12.7	0.92	-11.78	11	Pass
NVNT	ac20	5260	Ant1	-5.76	0.48	-5.28	11	Pass
NVNT	ac20	5280	Ant1	-5.95	0.48	-5.47	11	Pass
NVNT	ac20	5320	Ant1	-6.5	0.47	-6.03	11	Pass
NVNT	ac40	5270	Ant1	-13.15	0.91	-12.24	11	Pass
NVNT	ac40	5310	Ant1	-13.49	0.91	-12.58	11	Pass
NVNT	ac80	5290	Ant1	-16.6	1.64	-14.96	11	Pass
NVNT	ax20	5260	Ant1	-6.12	0.6	-5.52	11	Pass
NVNT	ax20	5280	Ant1	-6.77	0.61	-6.16	11	Pass
NVNT	ax20	5320	Ant1	-6.33	0.6	-5.73	11	Pass
NVNT	ax40	5270	Ant1	-15.52	1.07	-14.45	11	Pass
NVNT	ax40	5310	Ant1	-13.69	1.07	-12.62	11	Pass
NVNT	ax80	5290	Ant1	-15.13	1.81	-13.32	11	Pass

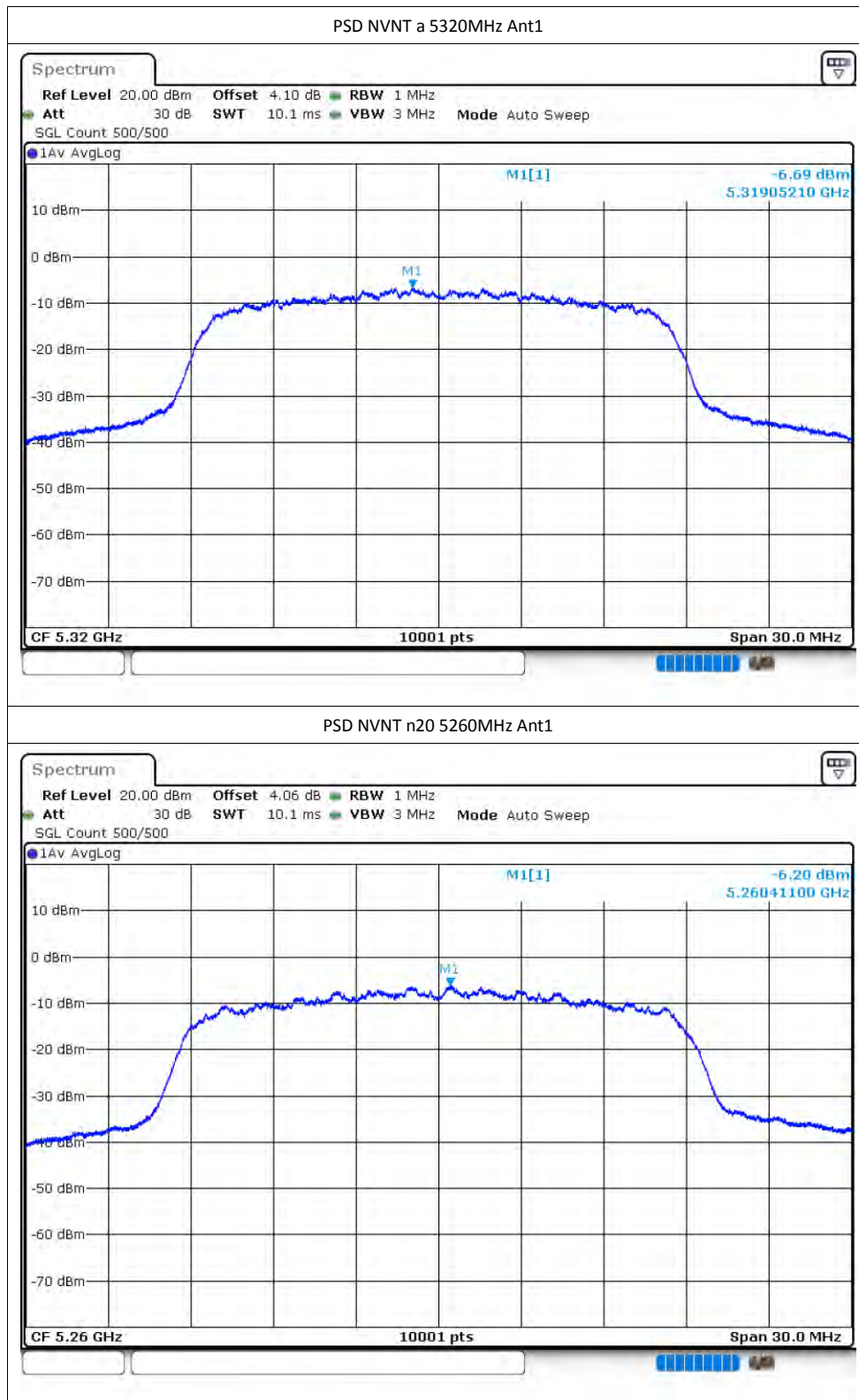
Test Graphs

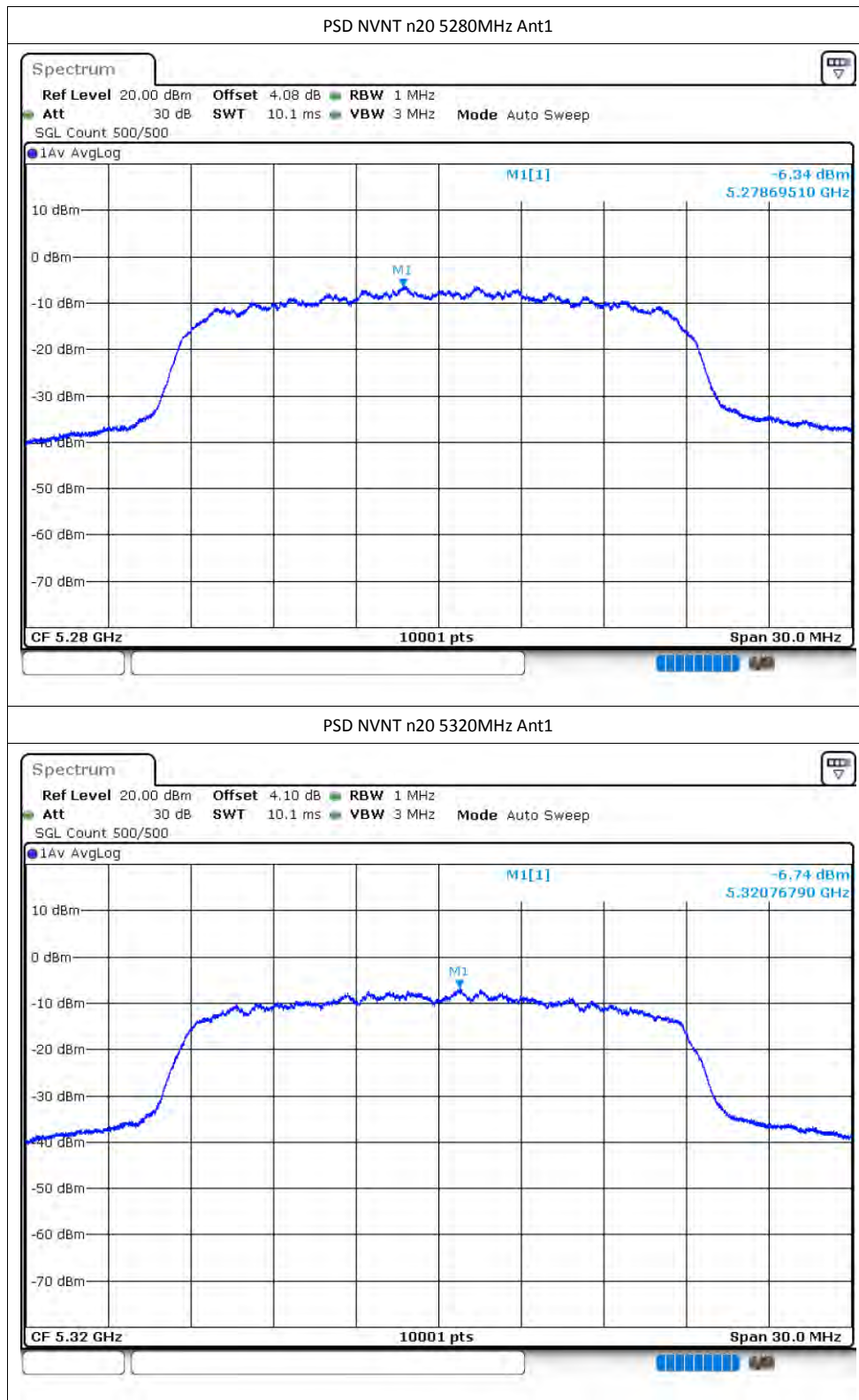
PSD NVNT a 5260MHz Ant1

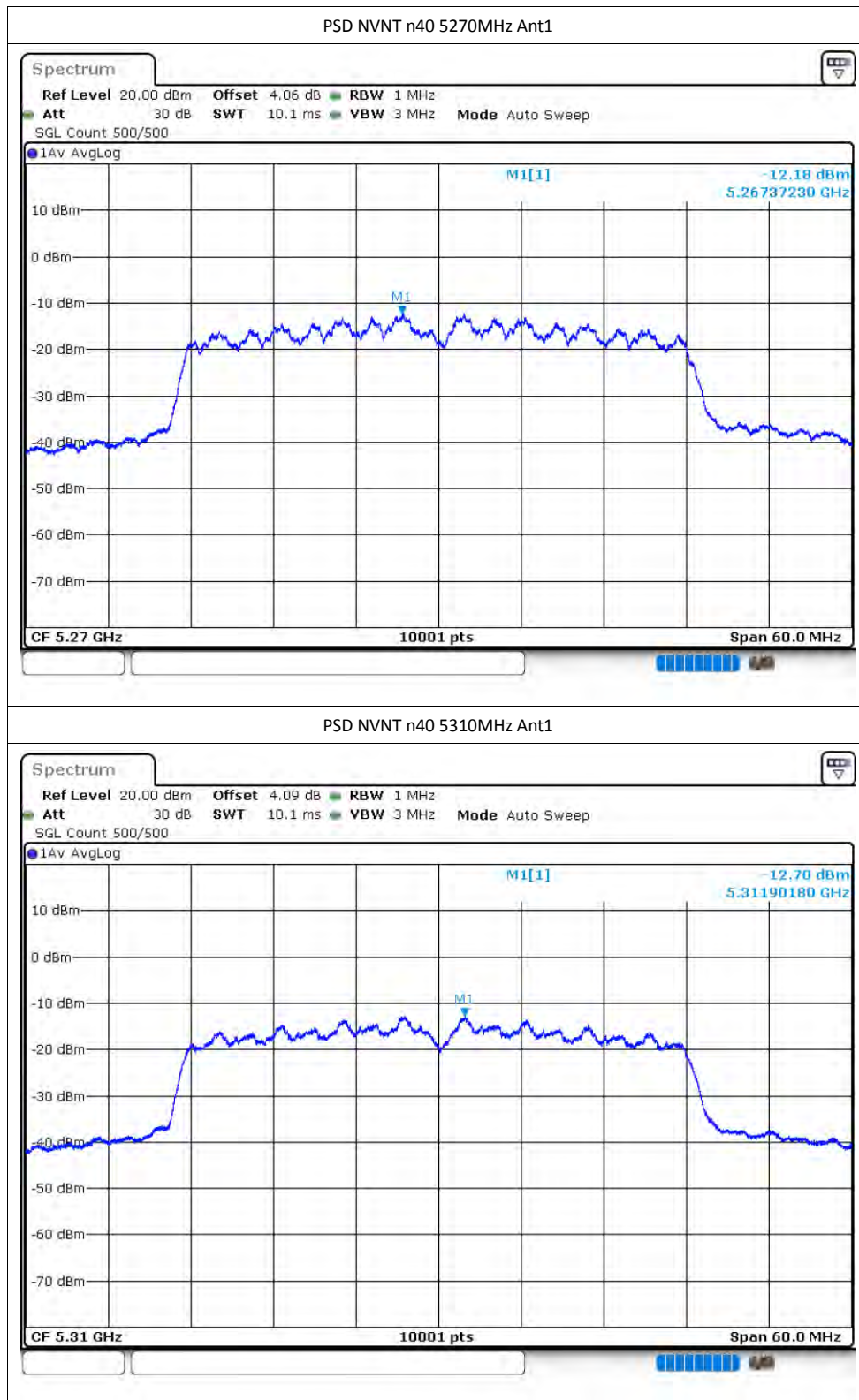


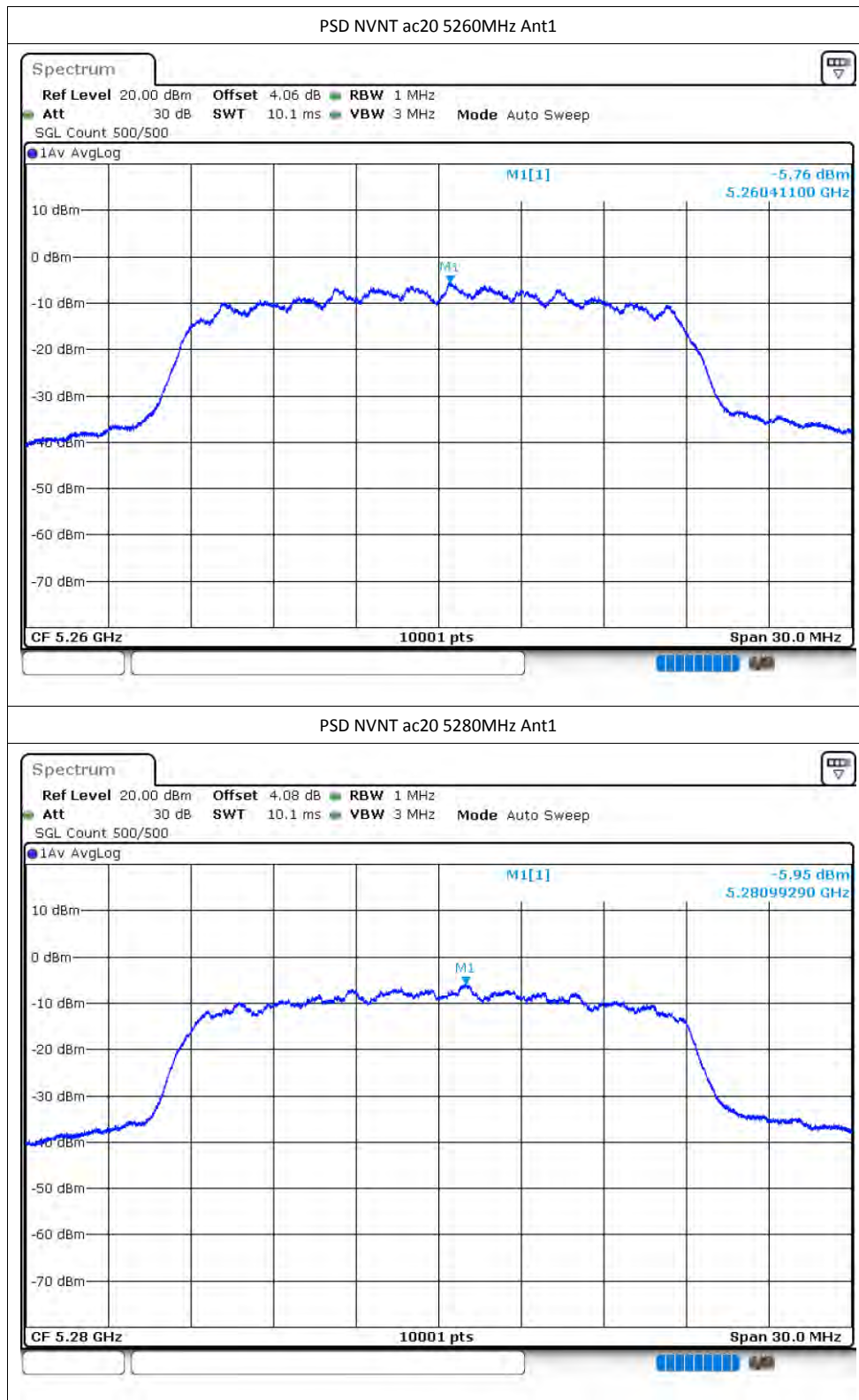
PSD NVNT a 5280MHz Ant1

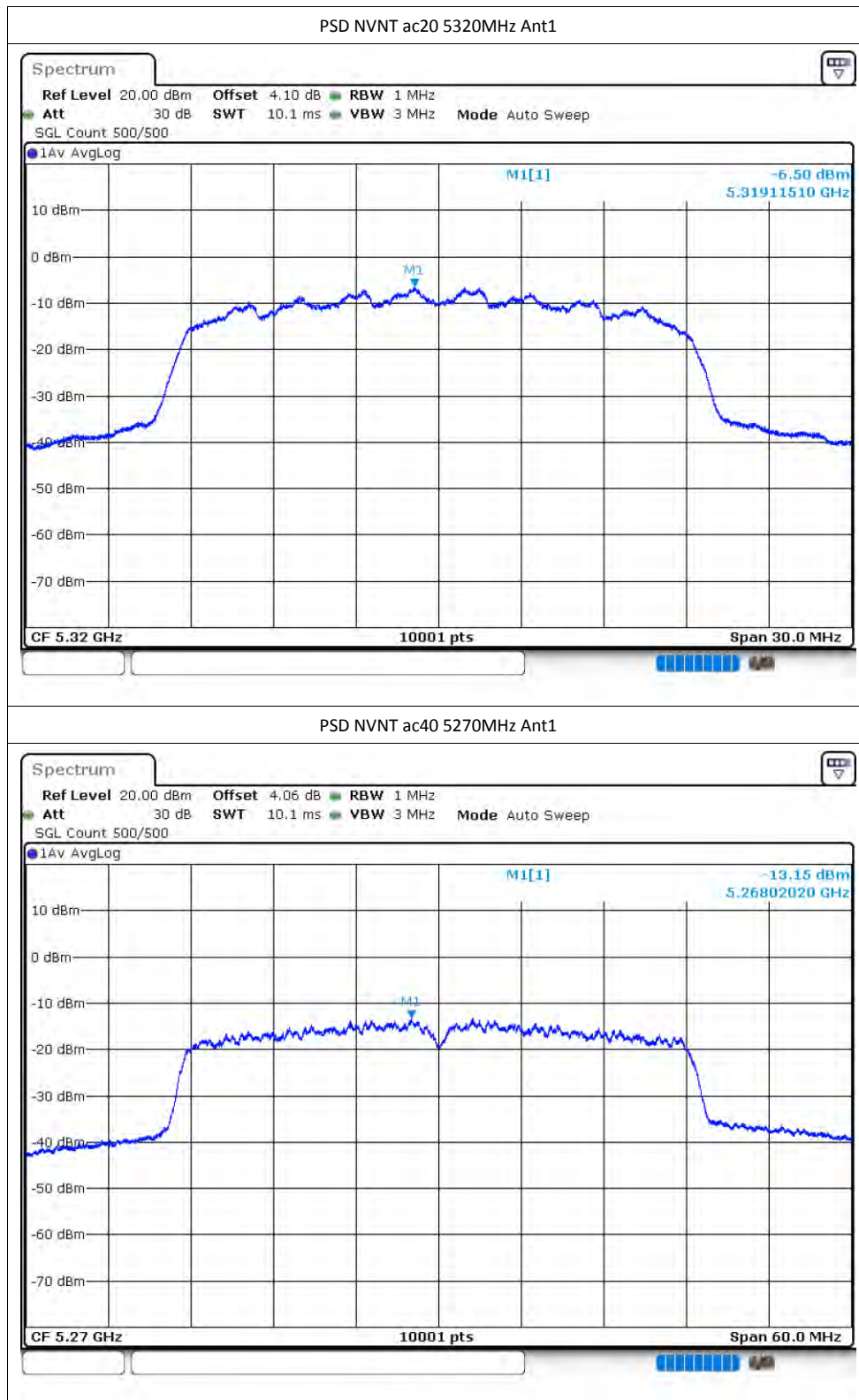


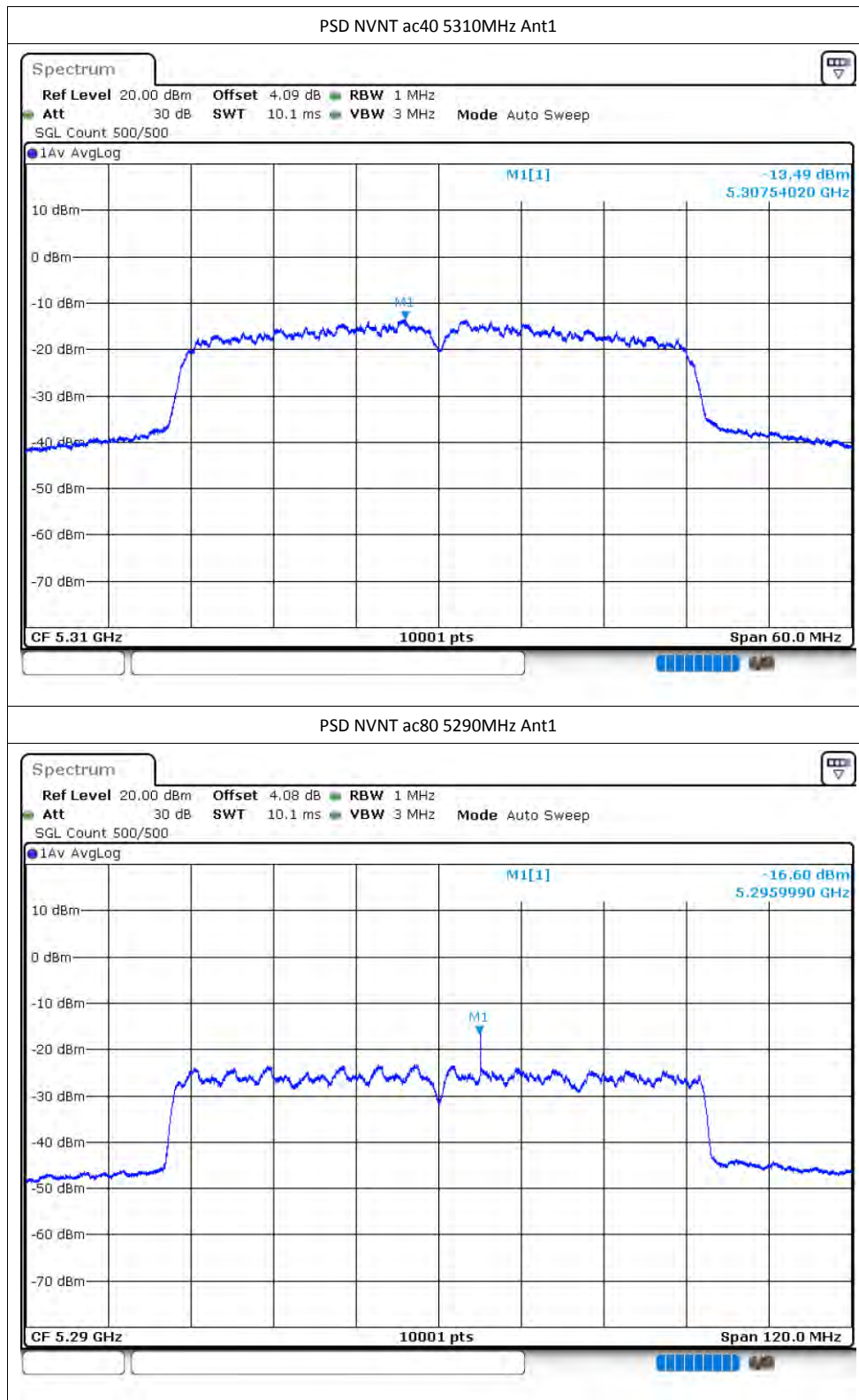


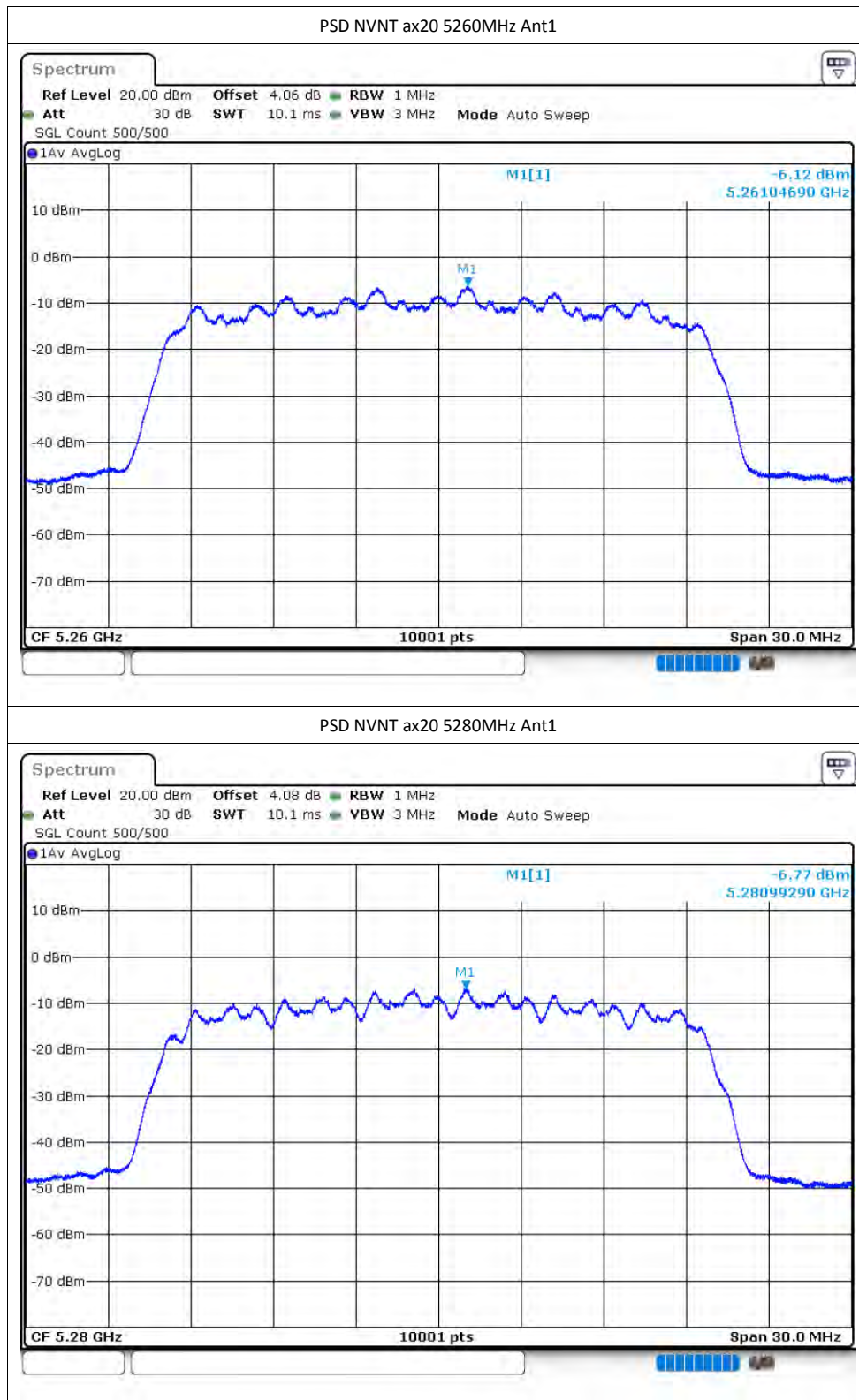


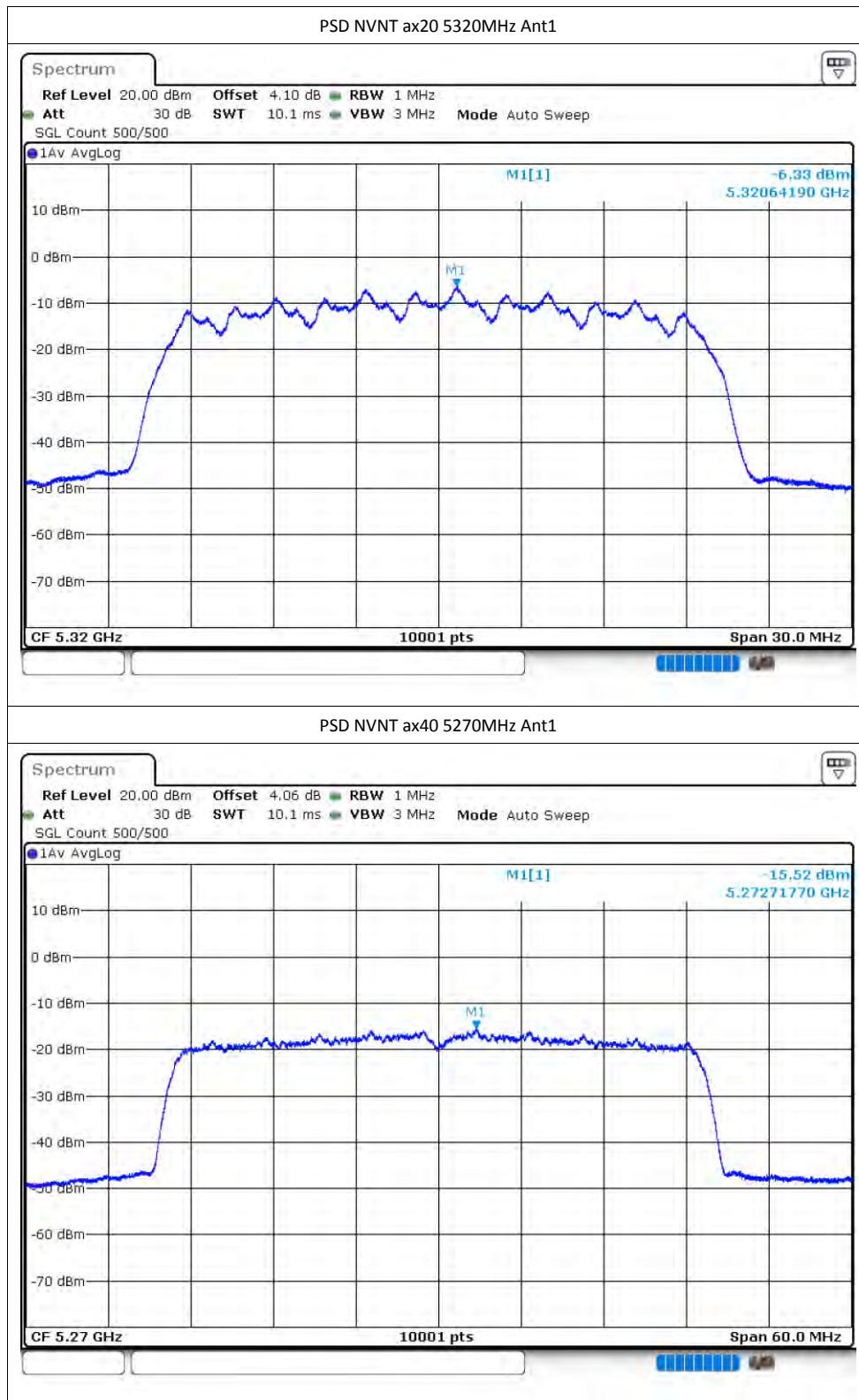


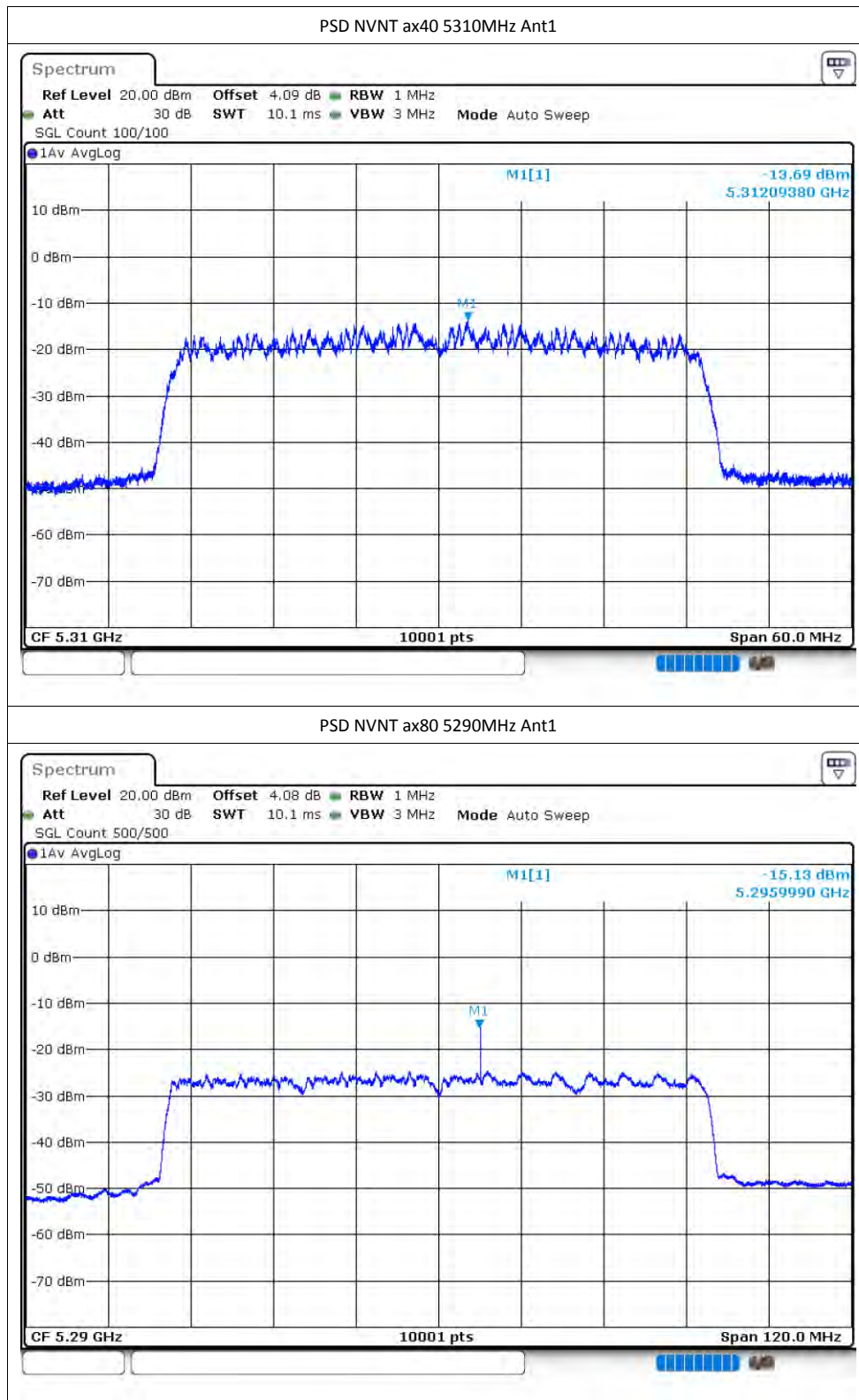










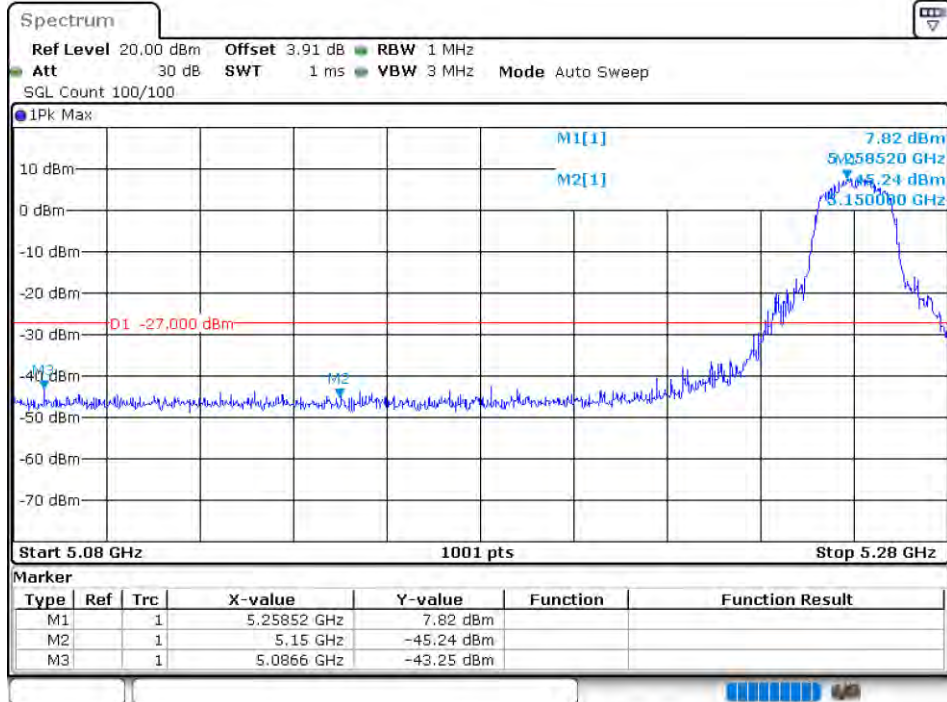


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-43.25	-27	Pass
NVNT	a	5320	Ant1	-40.56	-27	Pass
NVNT	n20	5260	Ant1	-43.5	-27	Pass
NVNT	n20	5320	Ant1	-40.17	-27	Pass
NVNT	n40	5270	Ant1	-43.89	-27	Pass
NVNT	n40	5310	Ant1	-28.01	-27	Pass
NVNT	ac20	5260	Ant1	-44.24	-27	Pass
NVNT	ac20	5320	Ant1	-40.58	-27	Pass
NVNT	ac40	5270	Ant1	-43.93	-27	Pass
NVNT	ac40	5310	Ant1	-28.52	-27	Pass
NVNT	ac80	5290	Ant1	-43.66	-27	Pass
NVNT	ax20	5260	Ant1	-44.18	-27	Pass
NVNT	ax20	5320	Ant1	-36.41	-27	Pass
NVNT	ax40	5270	Ant1	-46.3	-27	Pass
NVNT	ax40	5310	Ant1	-29.91	-27	Pass
NVNT	ax80	5290	Ant1	-42.25	-27	Pass

Test Graphs

Band Edge NVNT a 5260MHz Low Ant1



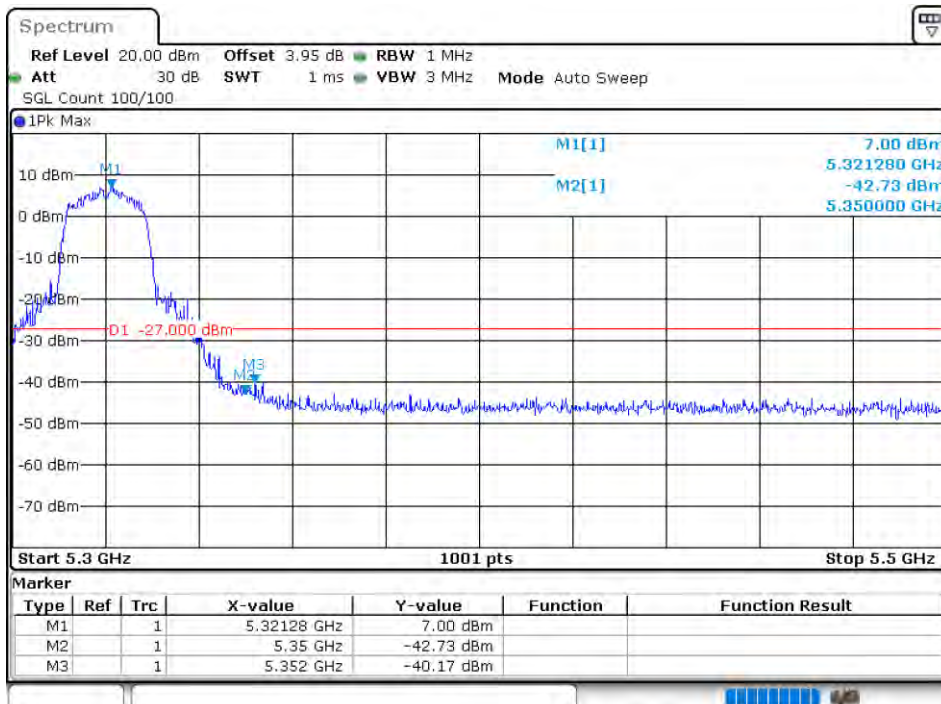
Band Edge NVNT a 5320MHz High Ant1



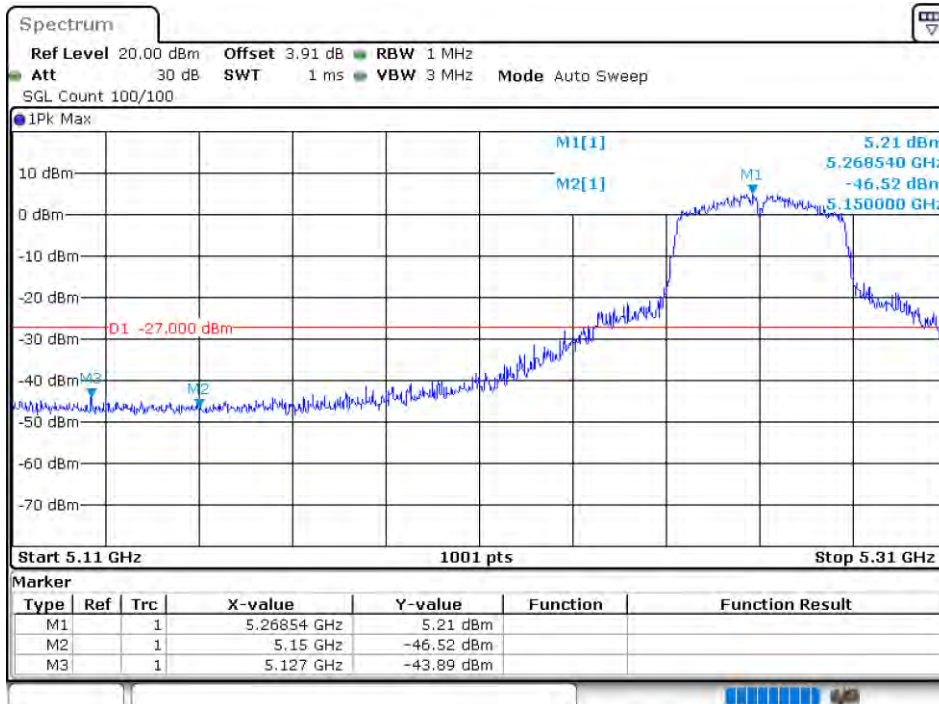
Band Edge NVNT n20 5260MHz Low Ant1



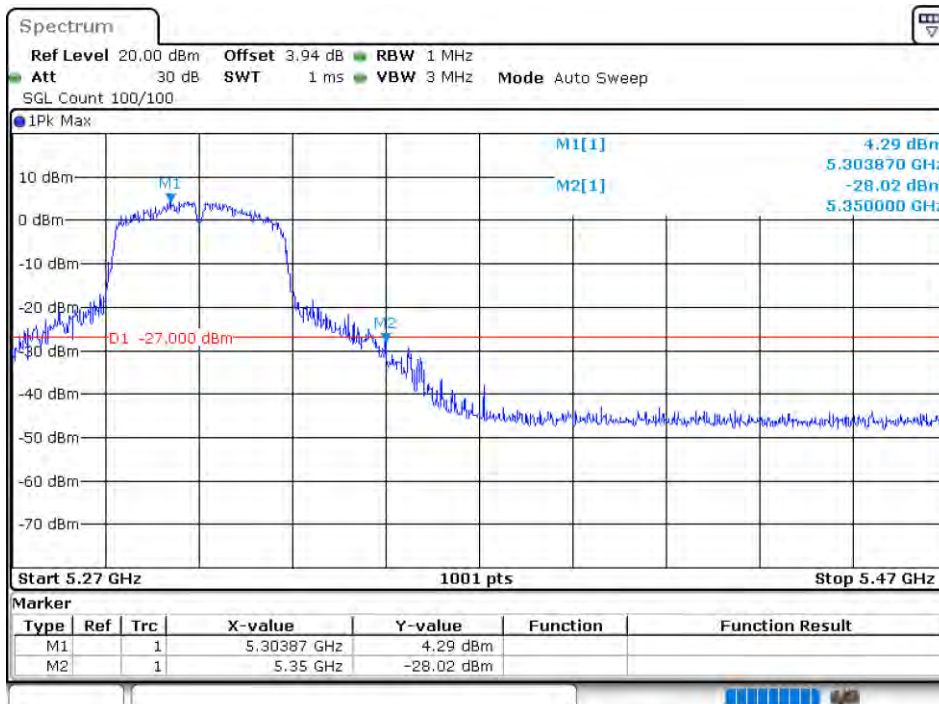
Band Edge NVNT n20 5320MHz High Ant1



Band Edge NVNT n40 5270MHz Low Ant1



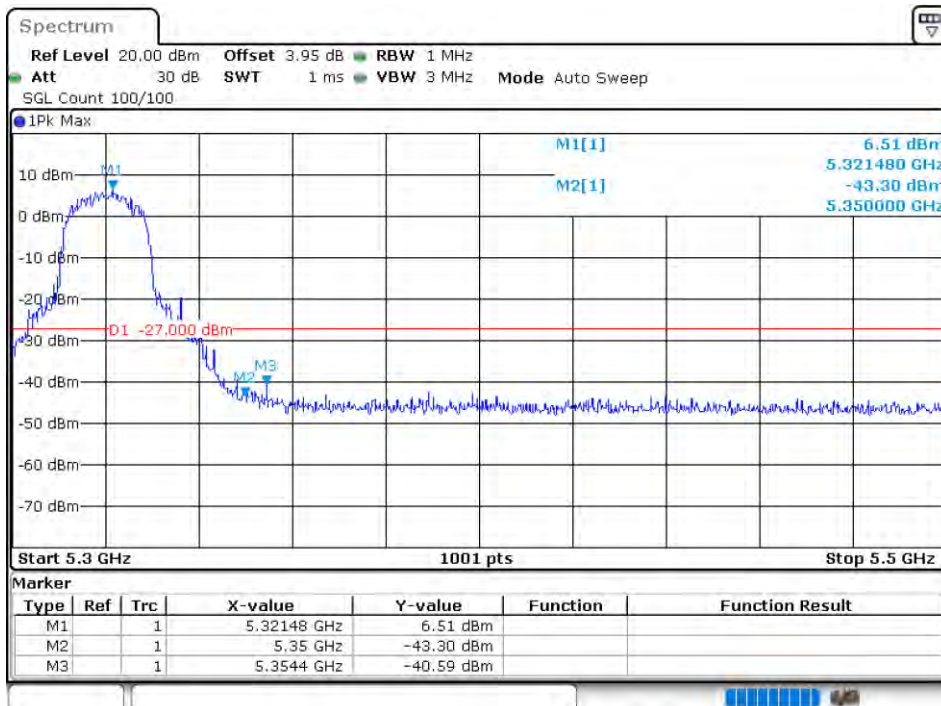
Band Edge NVNT n40 5310MHz High Ant1



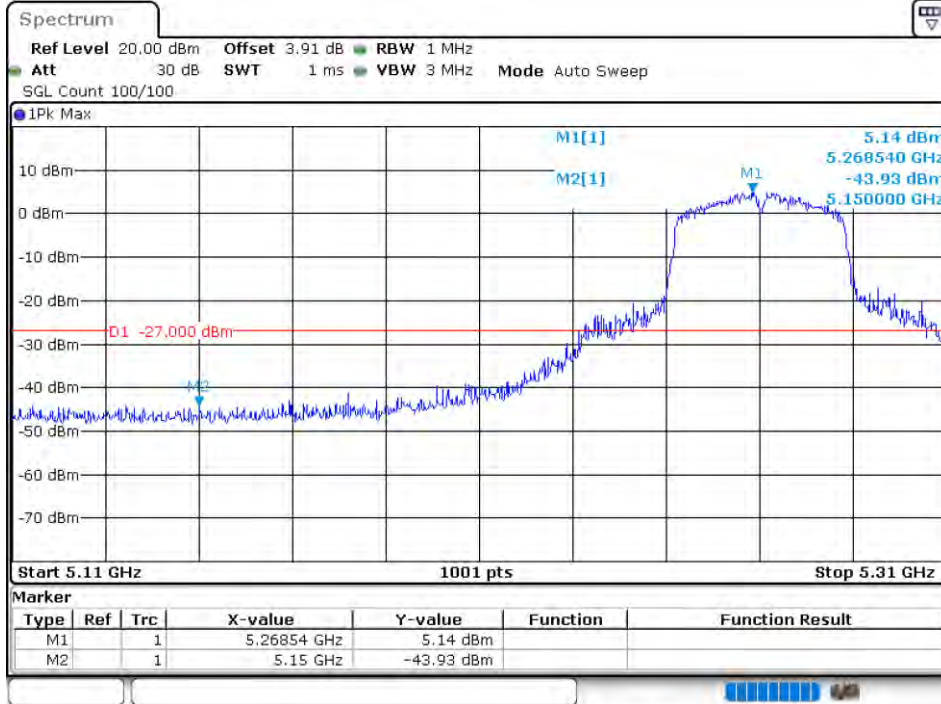
Band Edge NVNT ac20 5260MHz Low Ant1



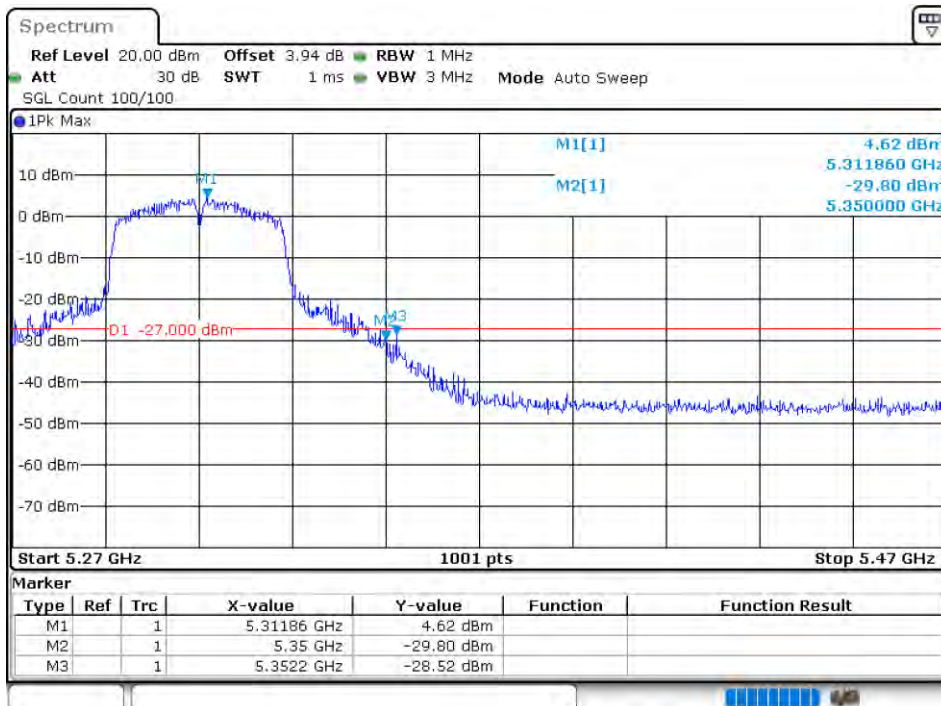
Band Edge NVNT ac20 5320MHz High Ant1

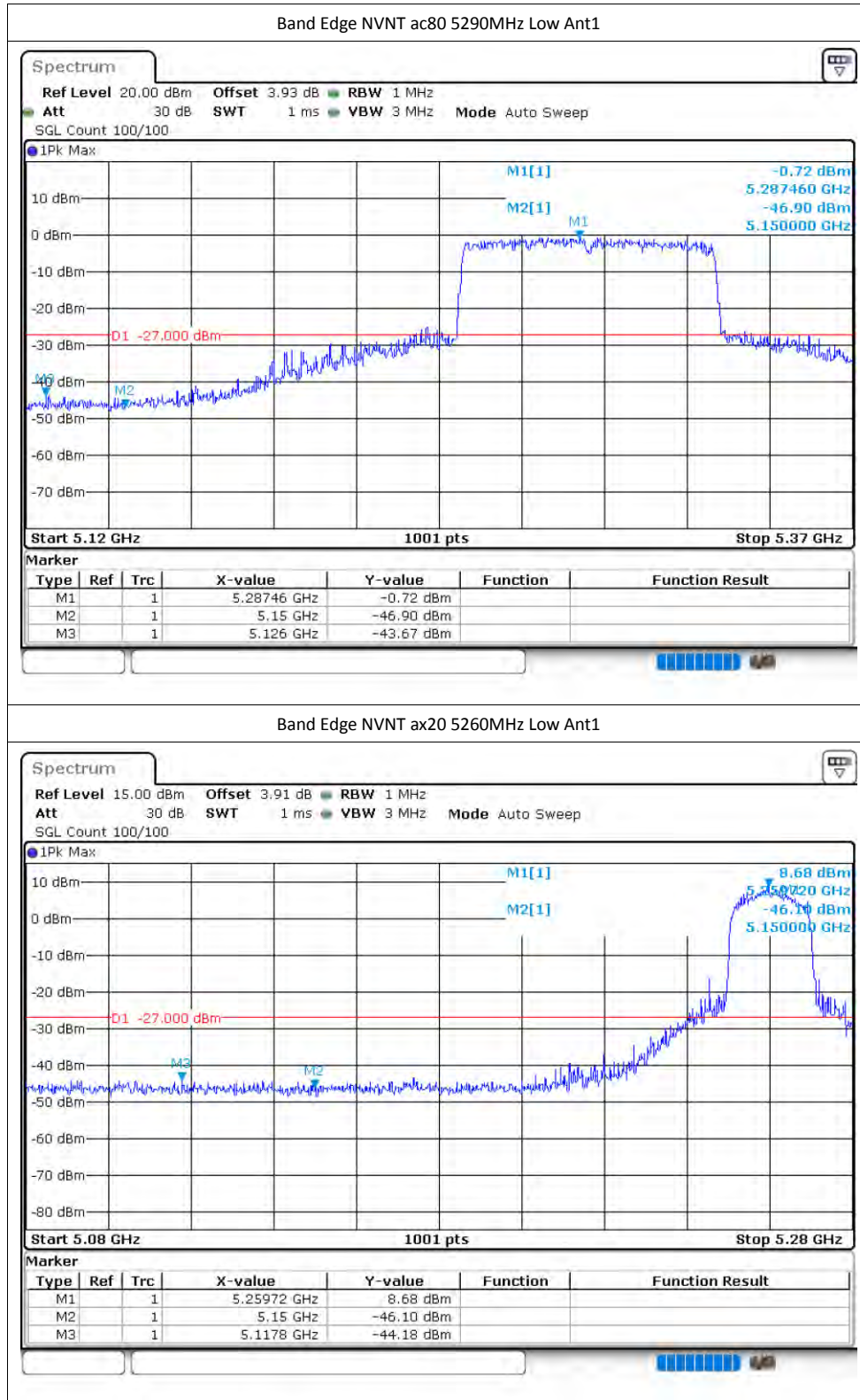


Band Edge NVNT ac40 5270MHz Low Ant1

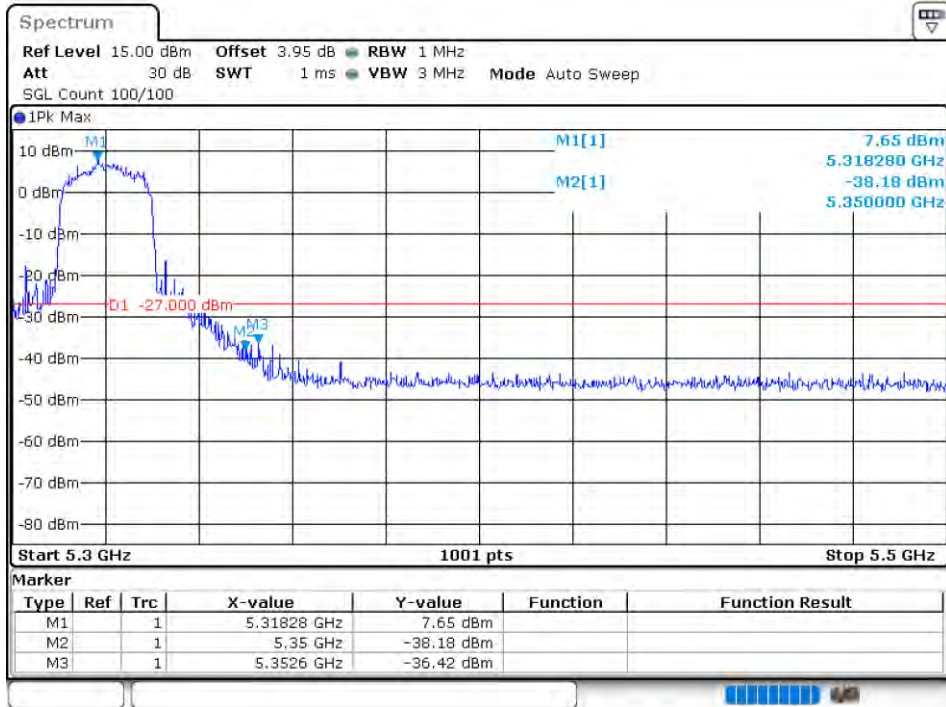


Band Edge NVNT ac40 5310MHz High Ant1

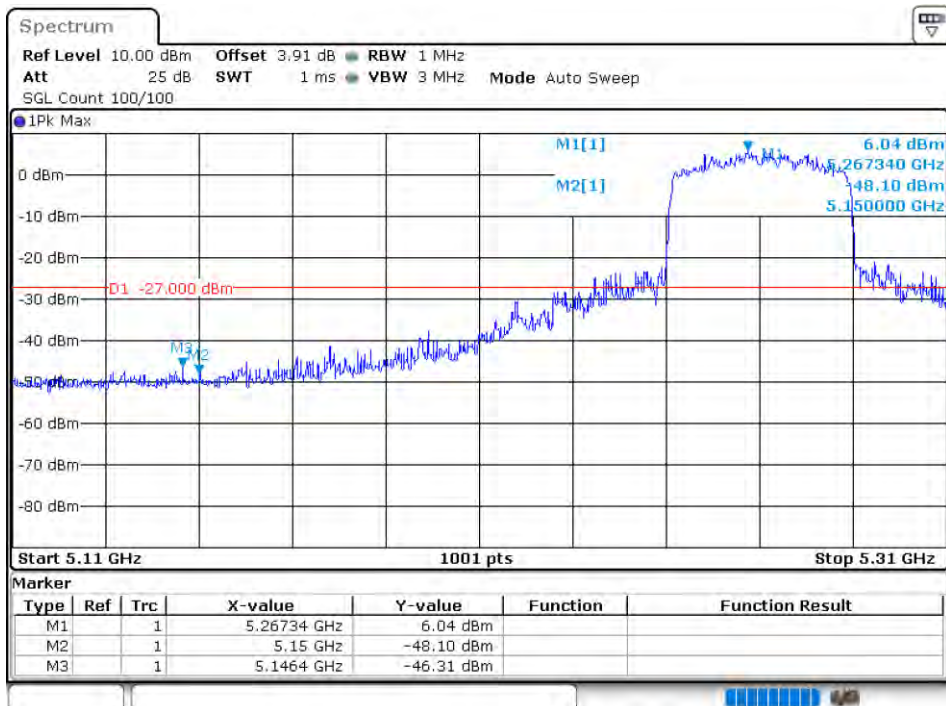


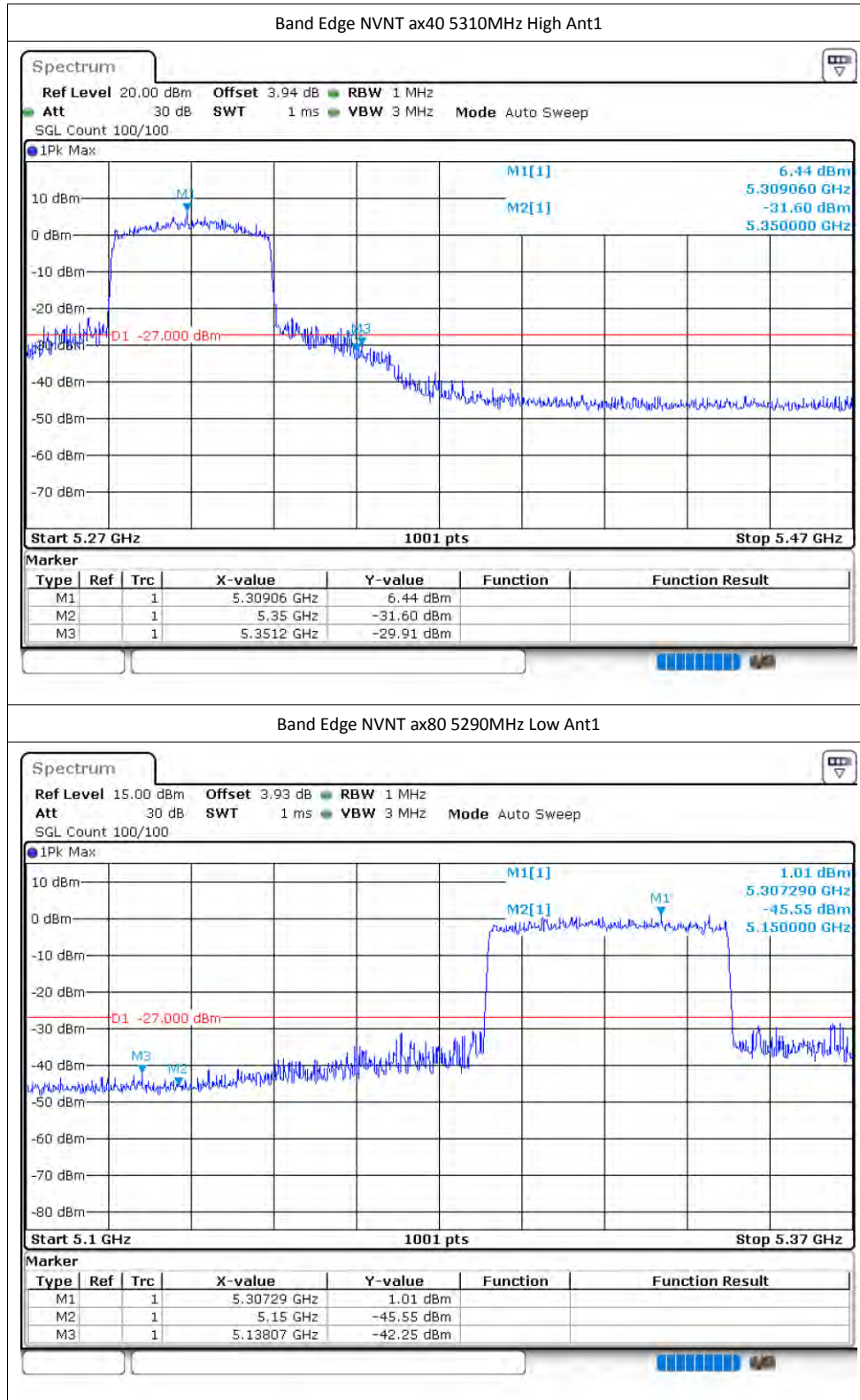


Band Edge NVNT ax20 5320MHz High Ant1



Band Edge NVNT ax40 5270MHz Low Ant1



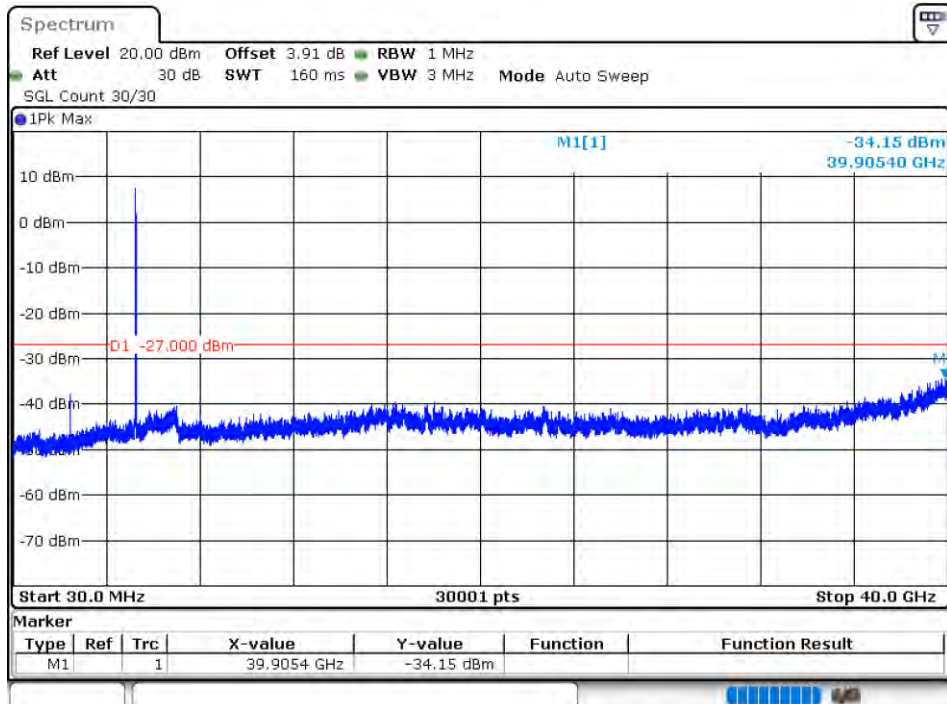


Conducted RF Spurious Emission

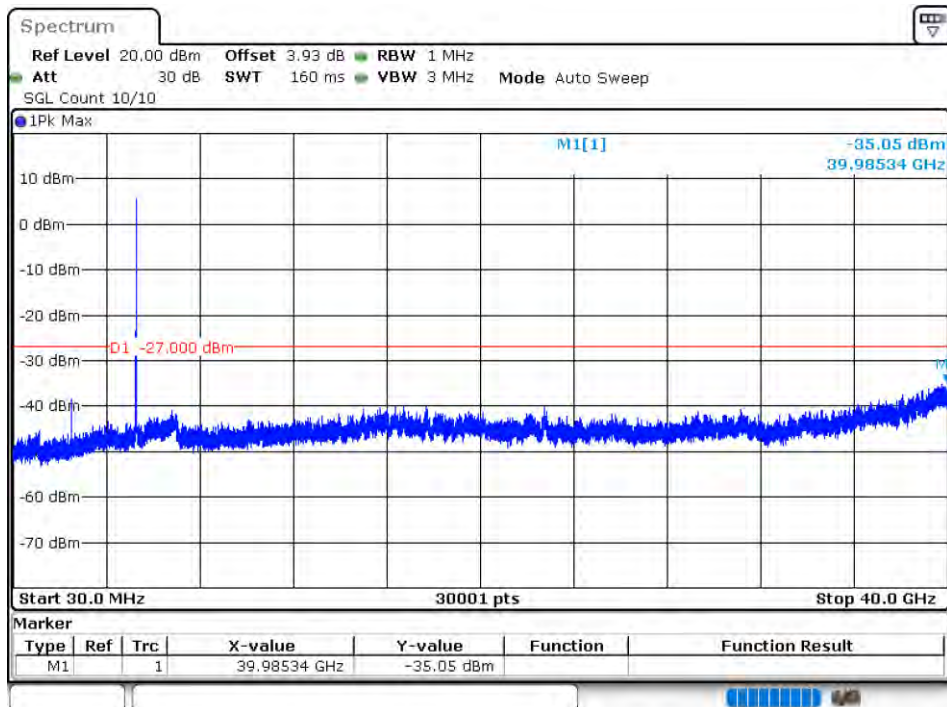
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-34.15	-27	Pass
NVNT	a	5280	Ant1	-35.05	-27	Pass
NVNT	a	5320	Ant1	-34.8	-27	Pass
NVNT	n20	5260	Ant1	-34.99	-27	Pass
NVNT	n20	5280	Ant1	-34.81	-27	Pass
NVNT	n20	5320	Ant1	-31.43	-27	Pass
NVNT	n40	5270	Ant1	-35	-27	Pass
NVNT	n40	5310	Ant1	-34.92	-27	Pass
NVNT	ac20	5260	Ant1	-35.09	-27	Pass
NVNT	ac20	5280	Ant1	-28.58	-27	Pass
NVNT	ac20	5320	Ant1	-34.57	-27	Pass
NVNT	ac40	5270	Ant1	-34.76	-27	Pass
NVNT	ac40	5310	Ant1	-34.51	-27	Pass
NVNT	ac80	5290	Ant1	-33.13	-27	Pass
NVNT	ax20	5260	Ant1	-34.9	-27	Pass
NVNT	ax20	5280	Ant1	-35.25	-27	Pass
NVNT	ax20	5320	Ant1	-34.48	-27	Pass
NVNT	ax40	5270	Ant1	-35.22	-27	Pass
NVNT	ax40	5310	Ant1	-43.89	-27	Pass
NVNT	ax80	5290	Ant1	-44.34	-27	Pass

Test Graphs

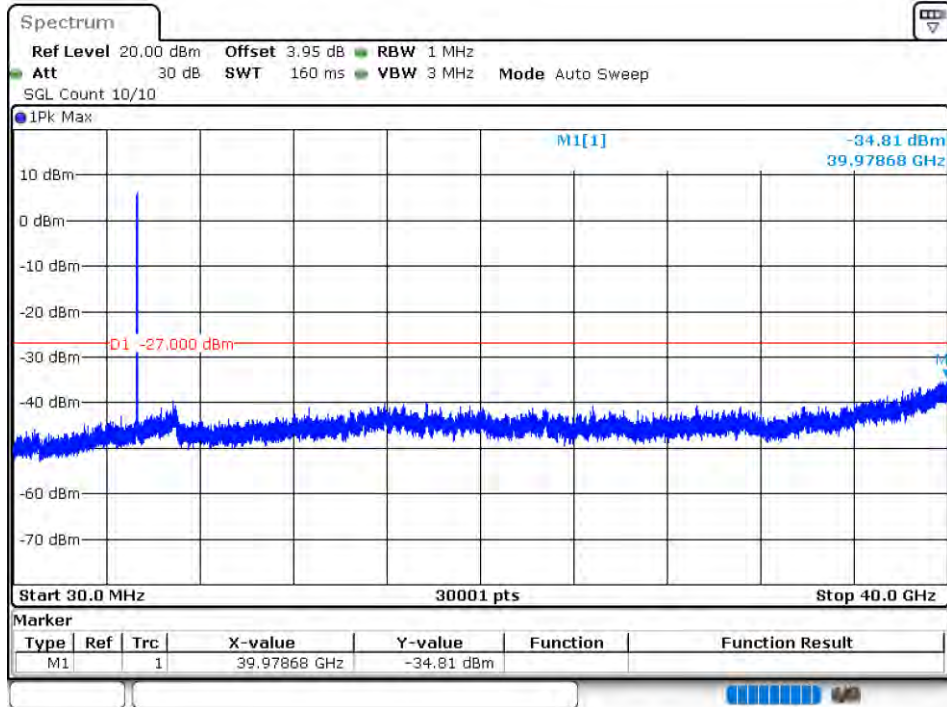
Tx. Spurious NVNT a 5260MHz Ant1 Emission



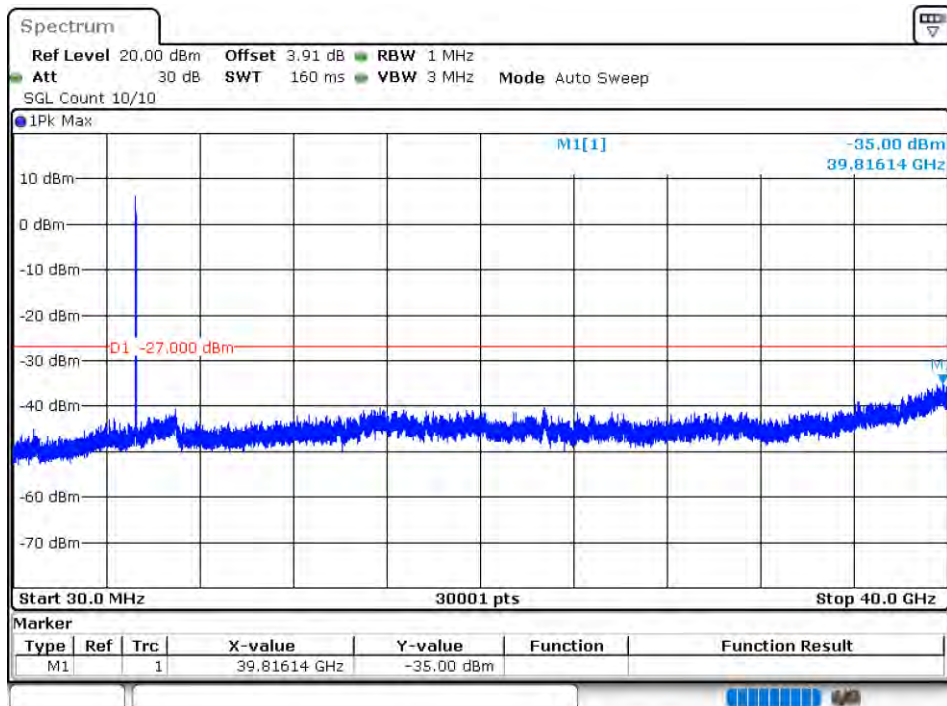
Tx. Spurious NVNT a 5280MHz Ant1 Emission



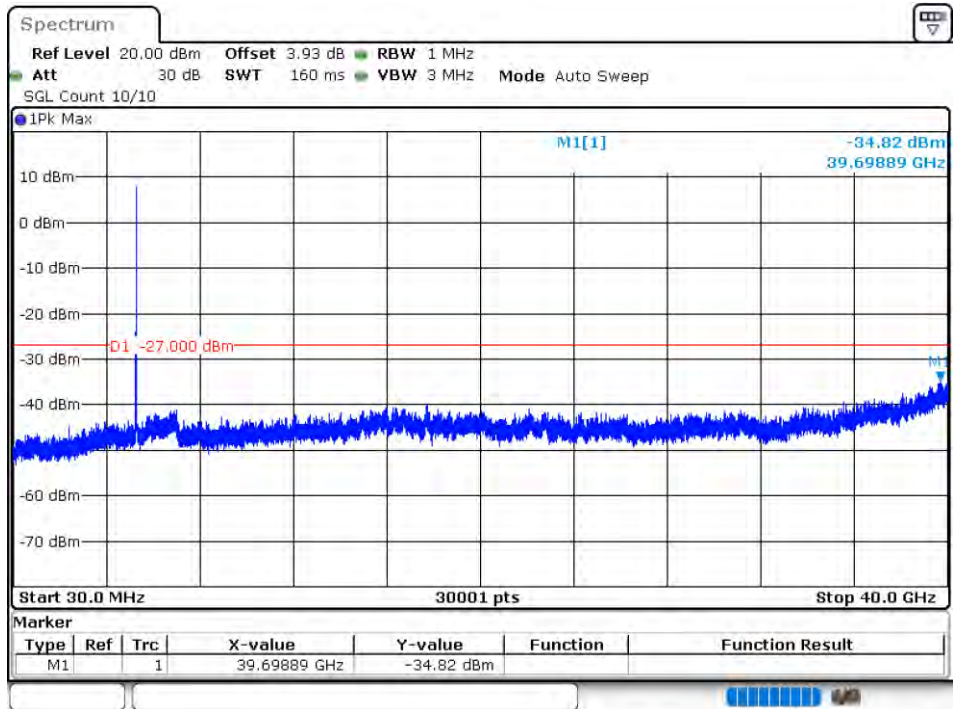
Tx. Spurious NVNT a 5320MHz Ant1 Emission



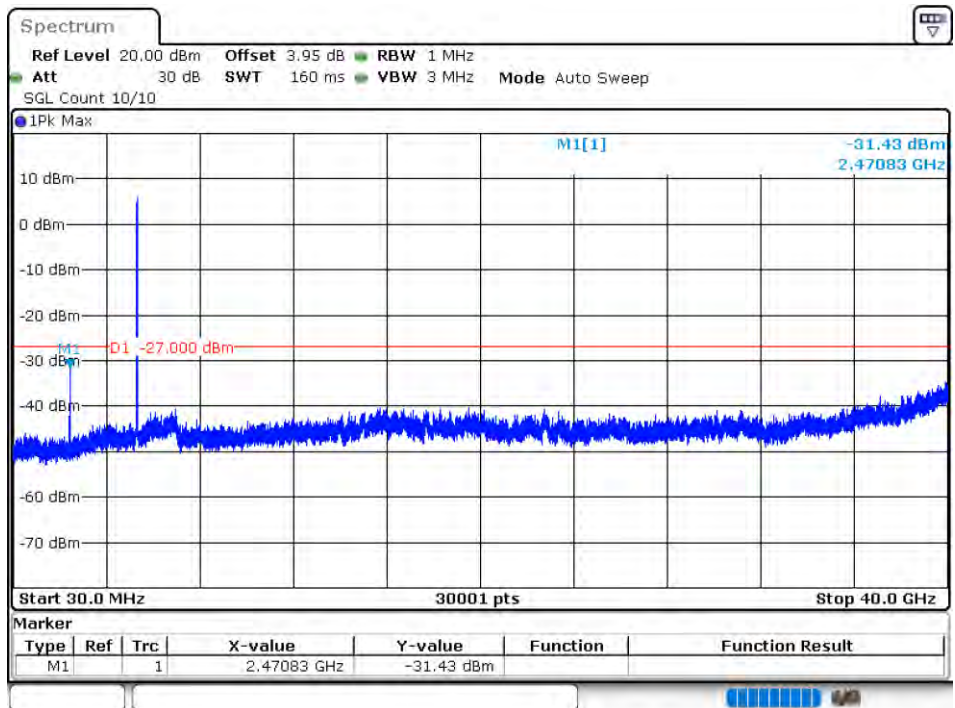
Tx. Spurious NVNT n20 5260MHz Ant1 Emission



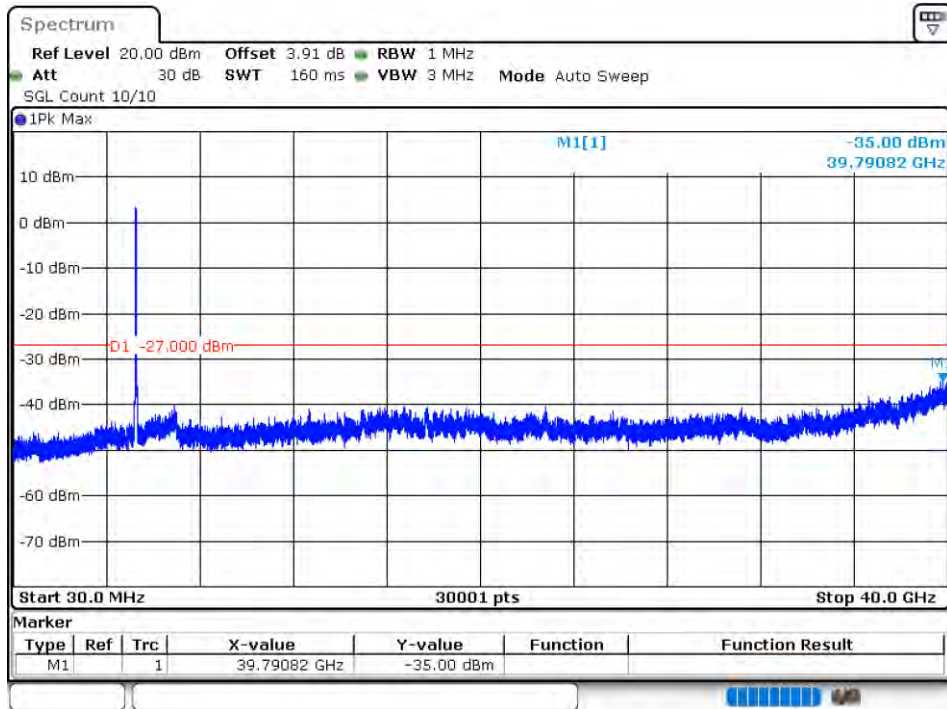
Tx. Spurious NVNT n20 5280MHz Ant1 Emission



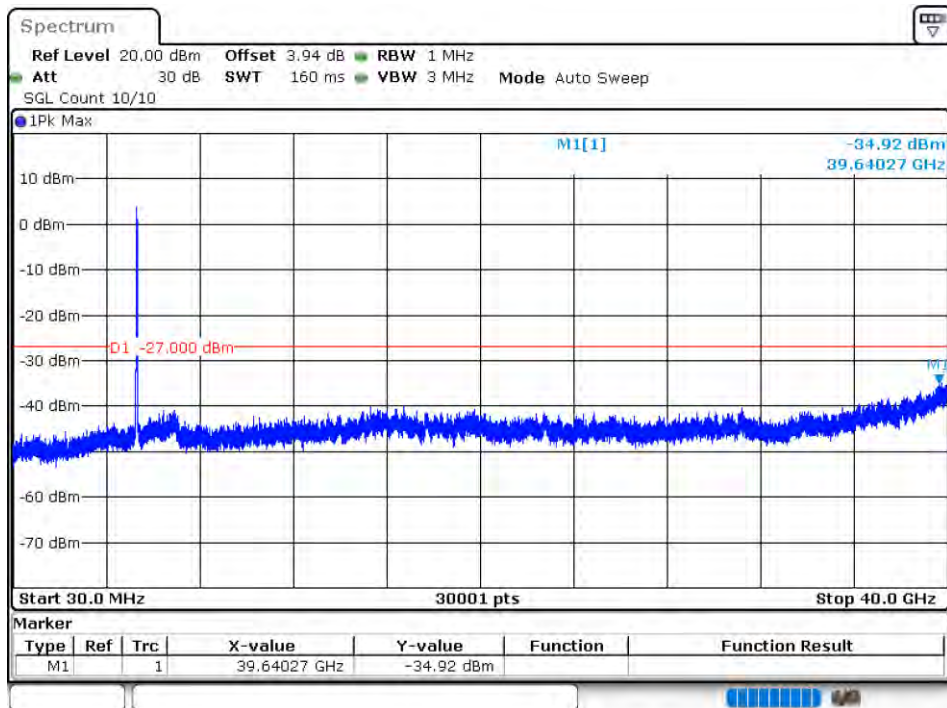
Tx. Spurious NVNT n20 5320MHz Ant1 Emission

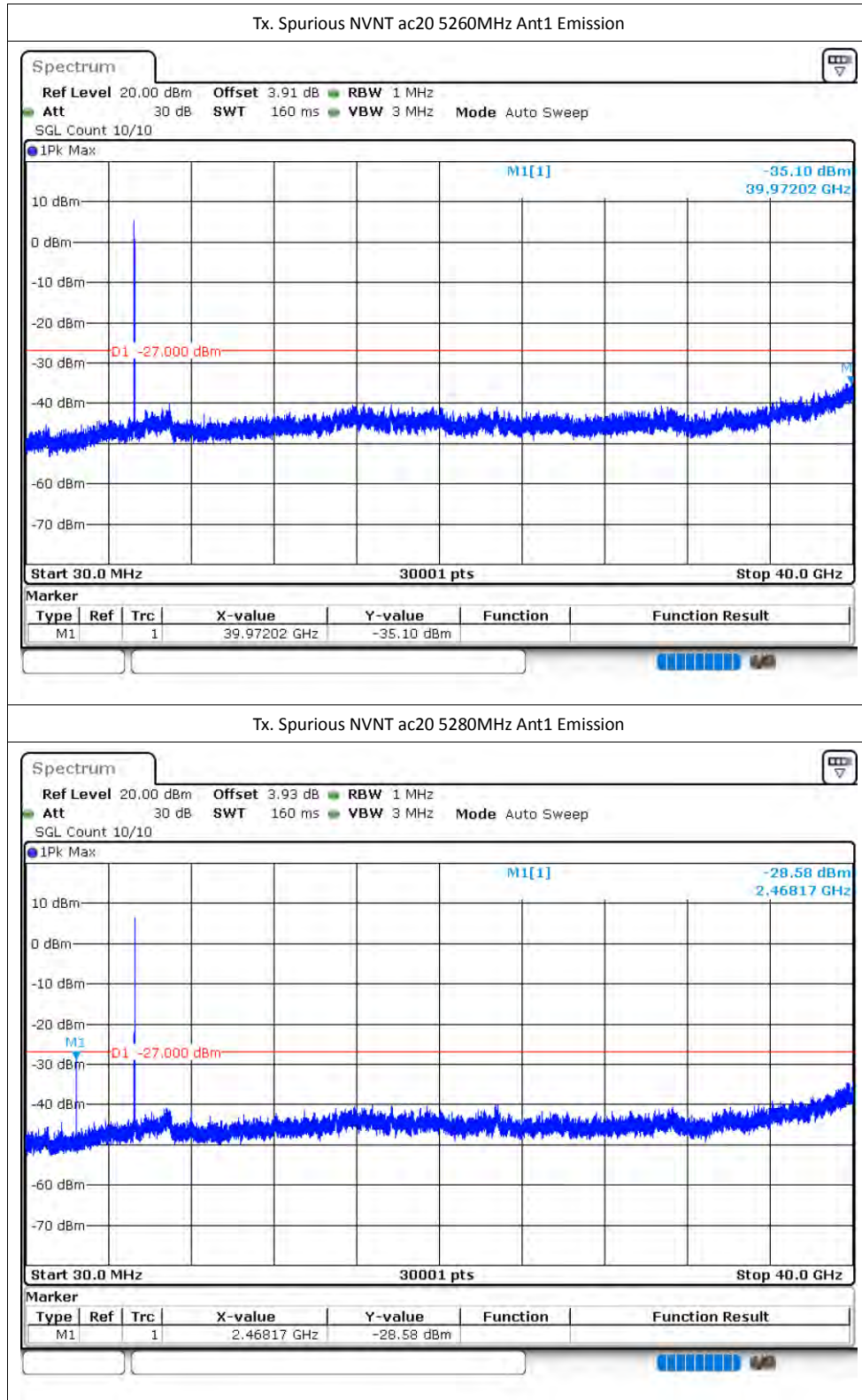


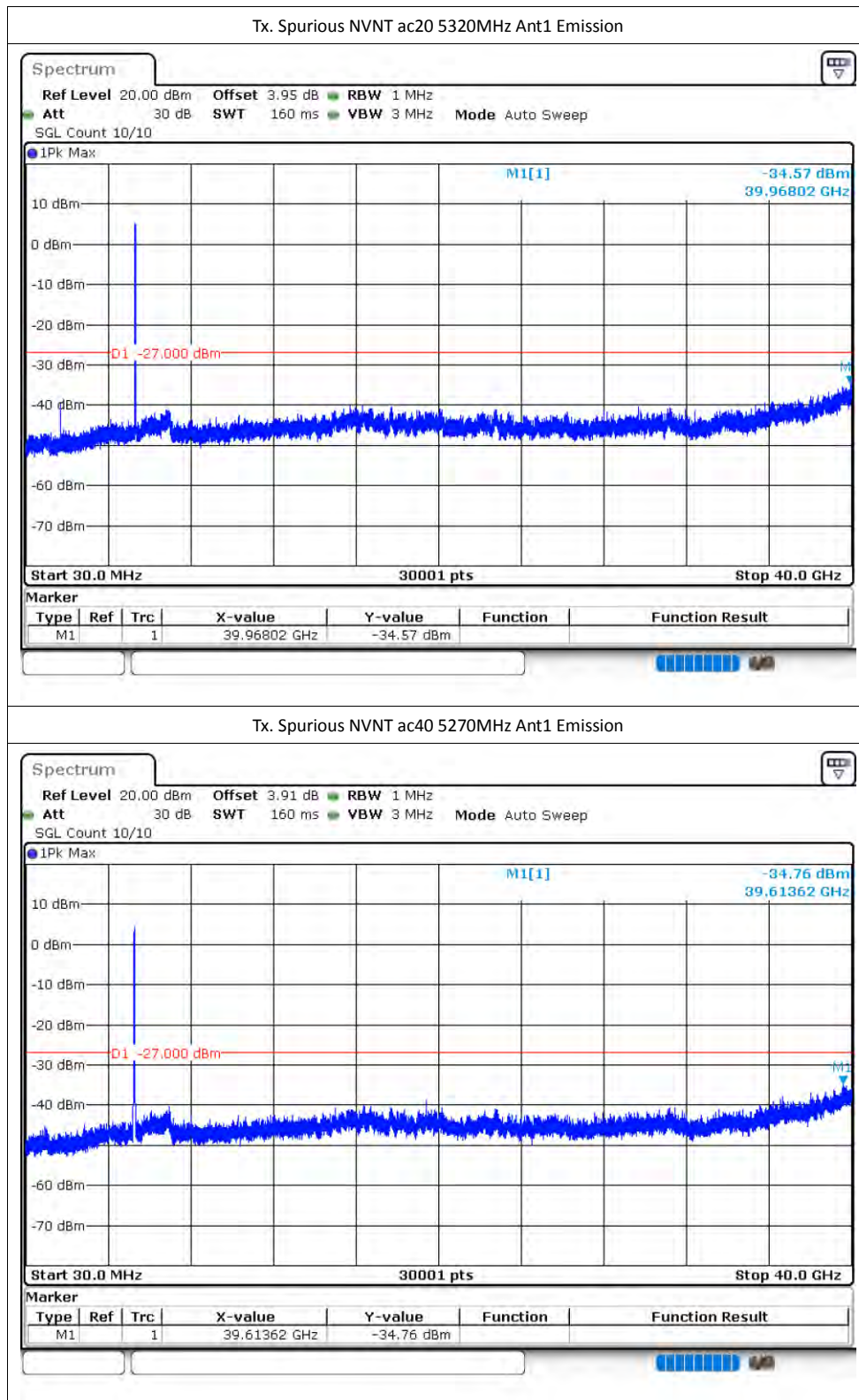
Tx. Spurious NVNT n40 5270MHz Ant1 Emission

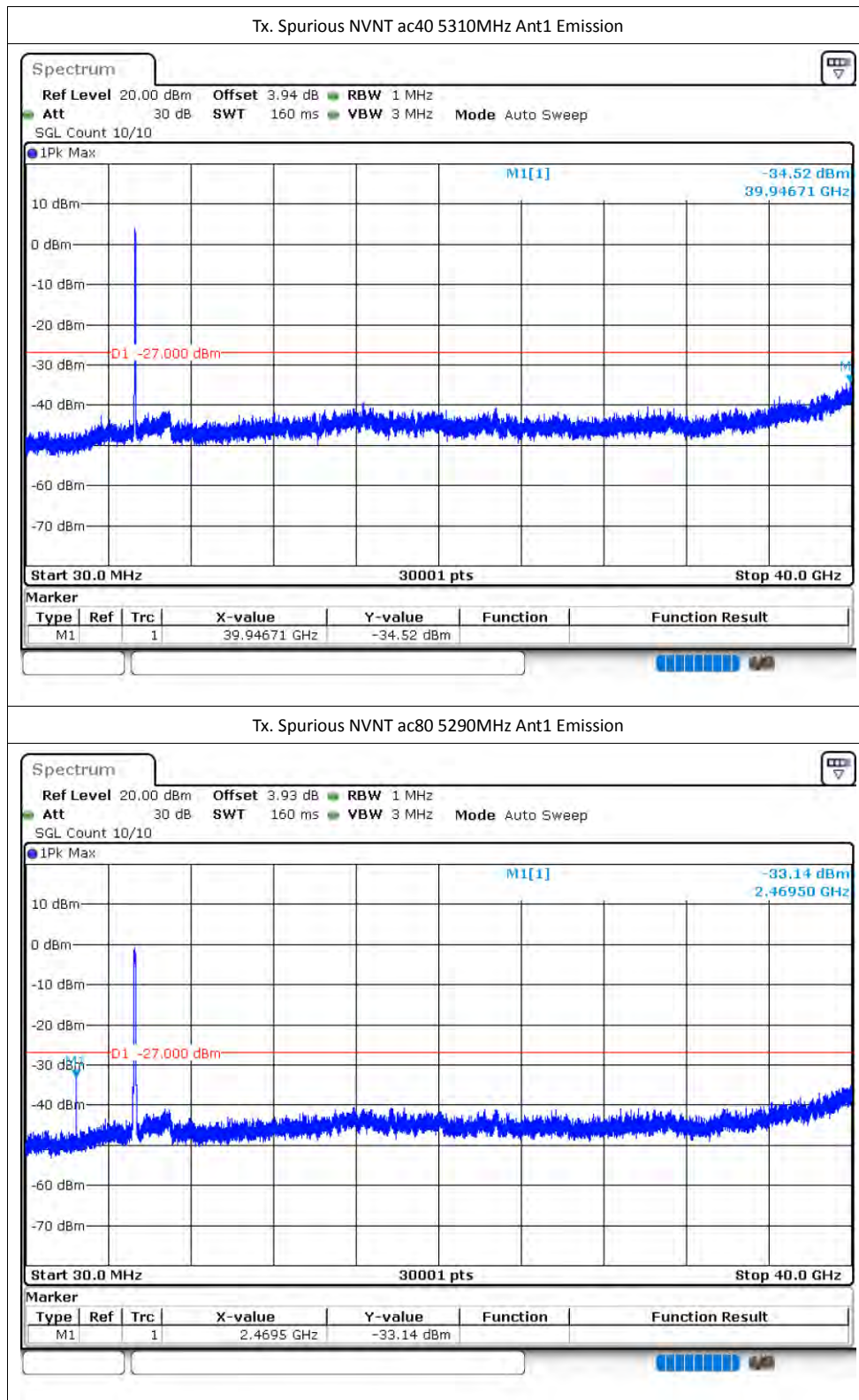


Tx. Spurious NVNT n40 5310MHz Ant1 Emission

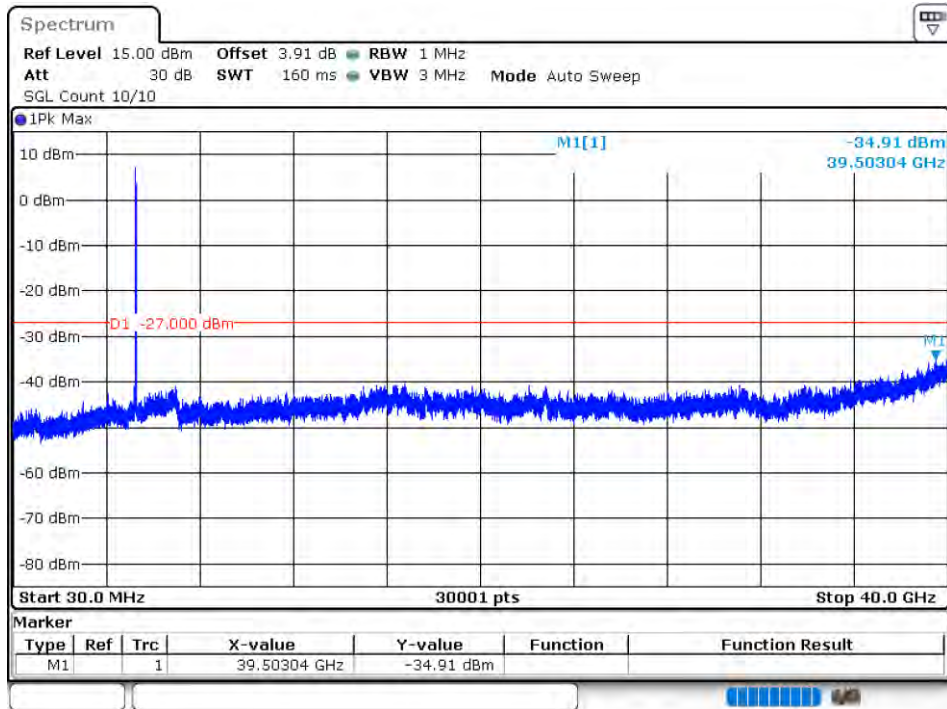




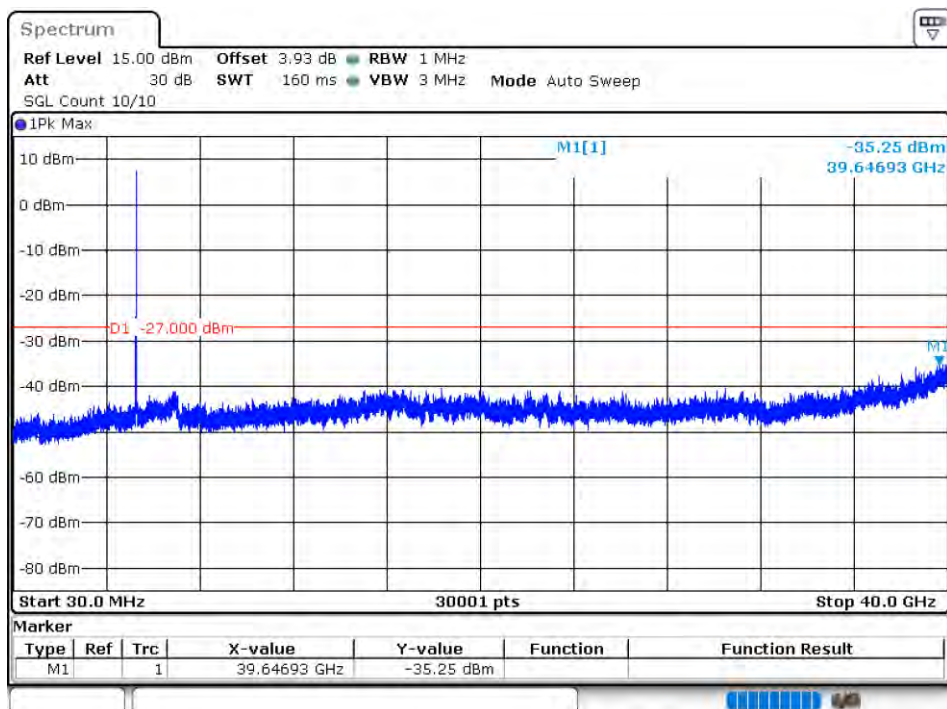




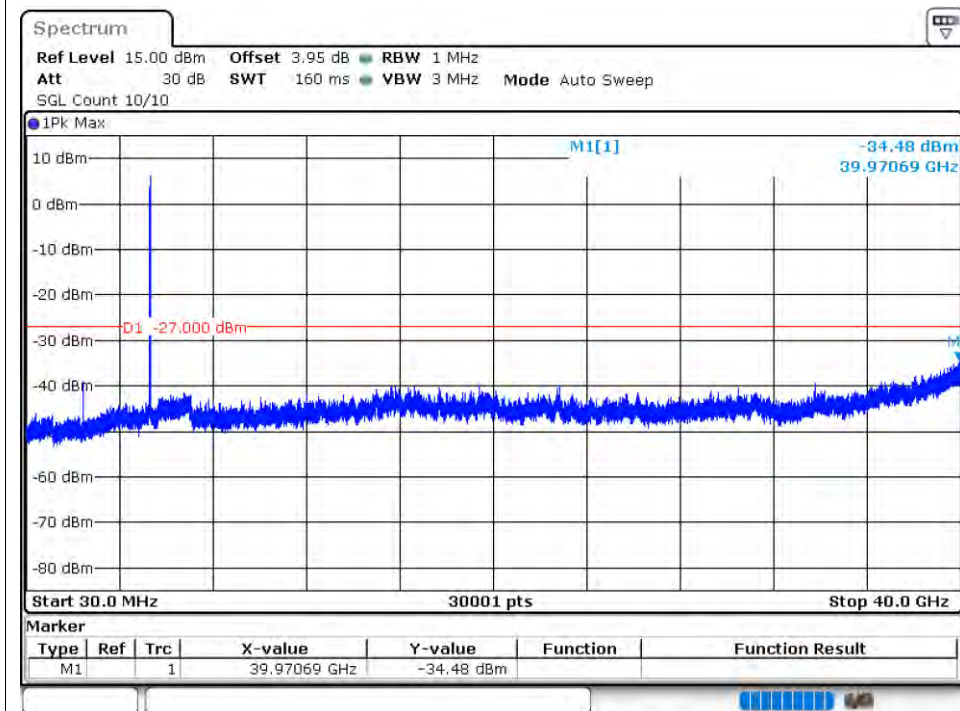
Tx. Spurious NVNT ax20 5260MHz Ant1 Emission



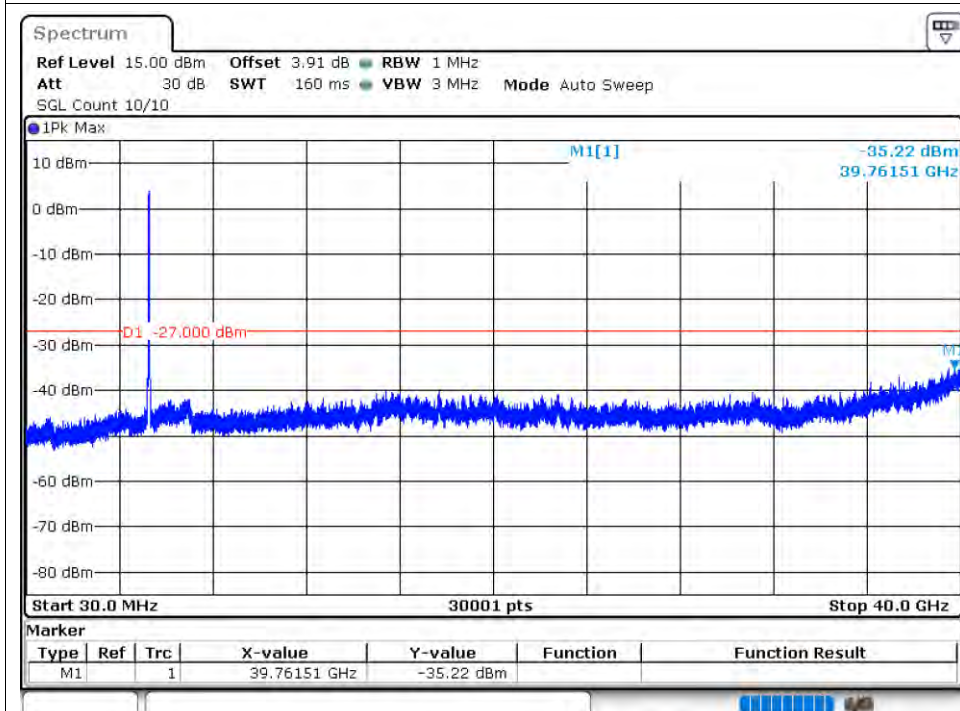
Tx. Spurious NVNT ax20 5280MHz Ant1 Emission



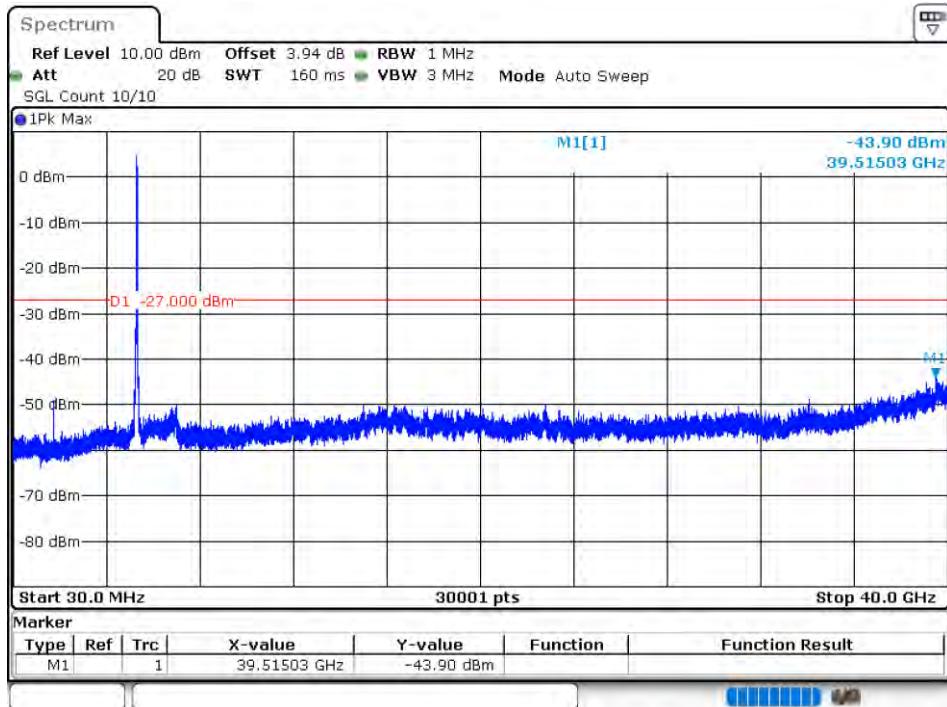
Tx. Spurious NVNT ax20 5320MHz Ant1 Emission



Tx. Spurious NVNT ax40 5270MHz Ant1 Emission



Tx. Spurious NVNT ax40 5310MHz Ant1 Emission



Tx. Spurious NVNT ax80 5290MHz Ant1 Emission

