

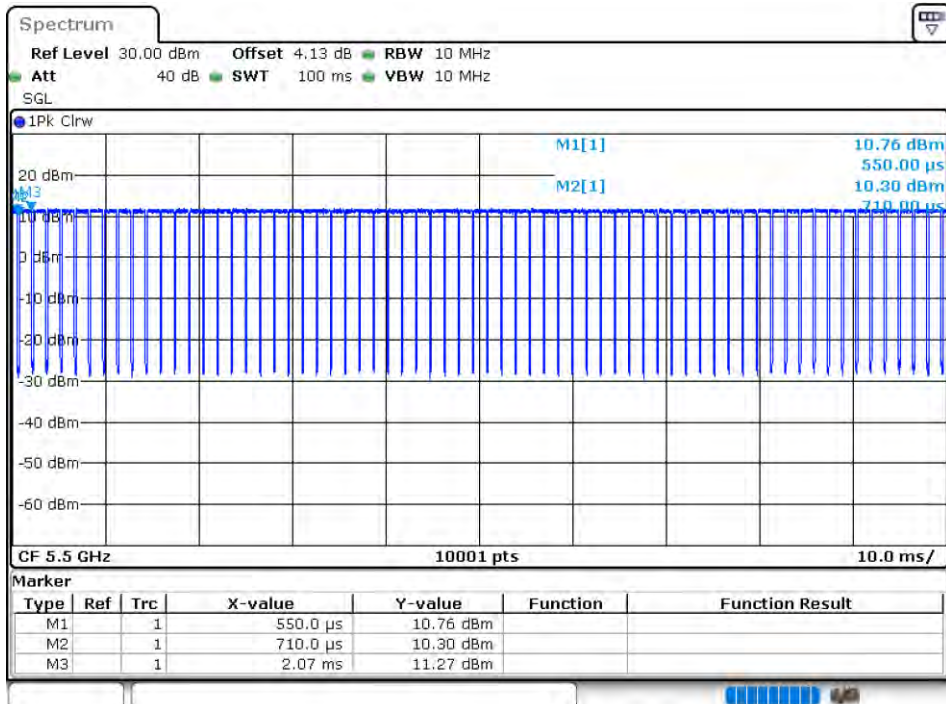
5.6G WIFI

Duty Cycle

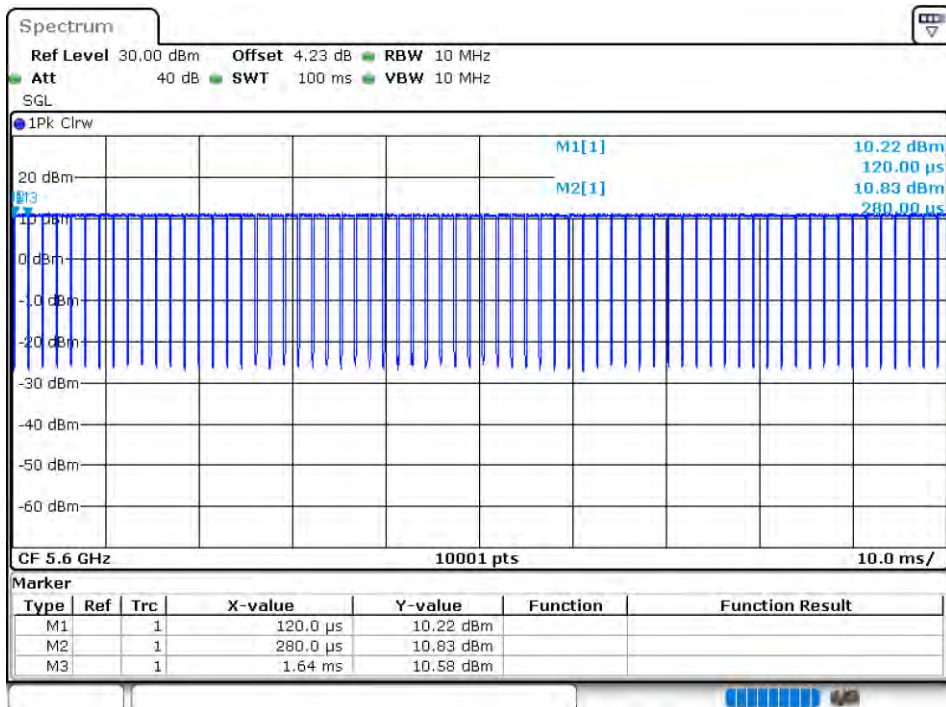
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	90.03	0.46	0.74
NVNT	a	5600	Ant1	90.04	0.46	0.74
NVNT	a	5700	Ant1	90.04	0.46	0.74
NVNT	n20	5500	Ant1	89.42	0.49	0.79
NVNT	n20	5600	Ant1	89.5	0.48	0.79
NVNT	n20	5700	Ant1	89.42	0.49	0.78
NVNT	n40	5510	Ant1	80.97	0.92	1.59
NVNT	n40	5590	Ant1	80.94	0.92	1.59
NVNT	n40	5670	Ant1	80.88	0.92	1.59
NVNT	ac20	5500	Ant1	89.45	0.48	0.78
NVNT	ac20	5600	Ant1	89.57	0.48	0.78
NVNT	ac20	5700	Ant1	89.43	0.49	0.78
NVNT	ac40	5510	Ant1	81.12	0.91	1.56
NVNT	ac40	5590	Ant1	81.15	0.91	1.56
NVNT	ac40	5670	Ant1	81.13	0.91	1.56
NVNT	ac80	5530	Ant1	63.94	1.94	3.33
NVNT	ac80	5610	Ant1	66.56	1.77	3.23
NVNT	ax20	5500	Ant1	86.95	0.61	1
NVNT	ax20	5600	Ant1	86.89	0.61	1.01
NVNT	ax20	5700	Ant1	87.07	0.6	1
NVNT	ax40	5510	Ant1	78.1	1.07	1.92
NVNT	ax40	5590	Ant1	78.1	1.07	1.89
NVNT	ax40	5670	Ant1	78.1	1.07	1.89
NVNT	ax80	5530	Ant1	65.86	1.81	3.57
NVNT	ax80	5610	Ant1	65.82	1.82	3.57

Test Graphs

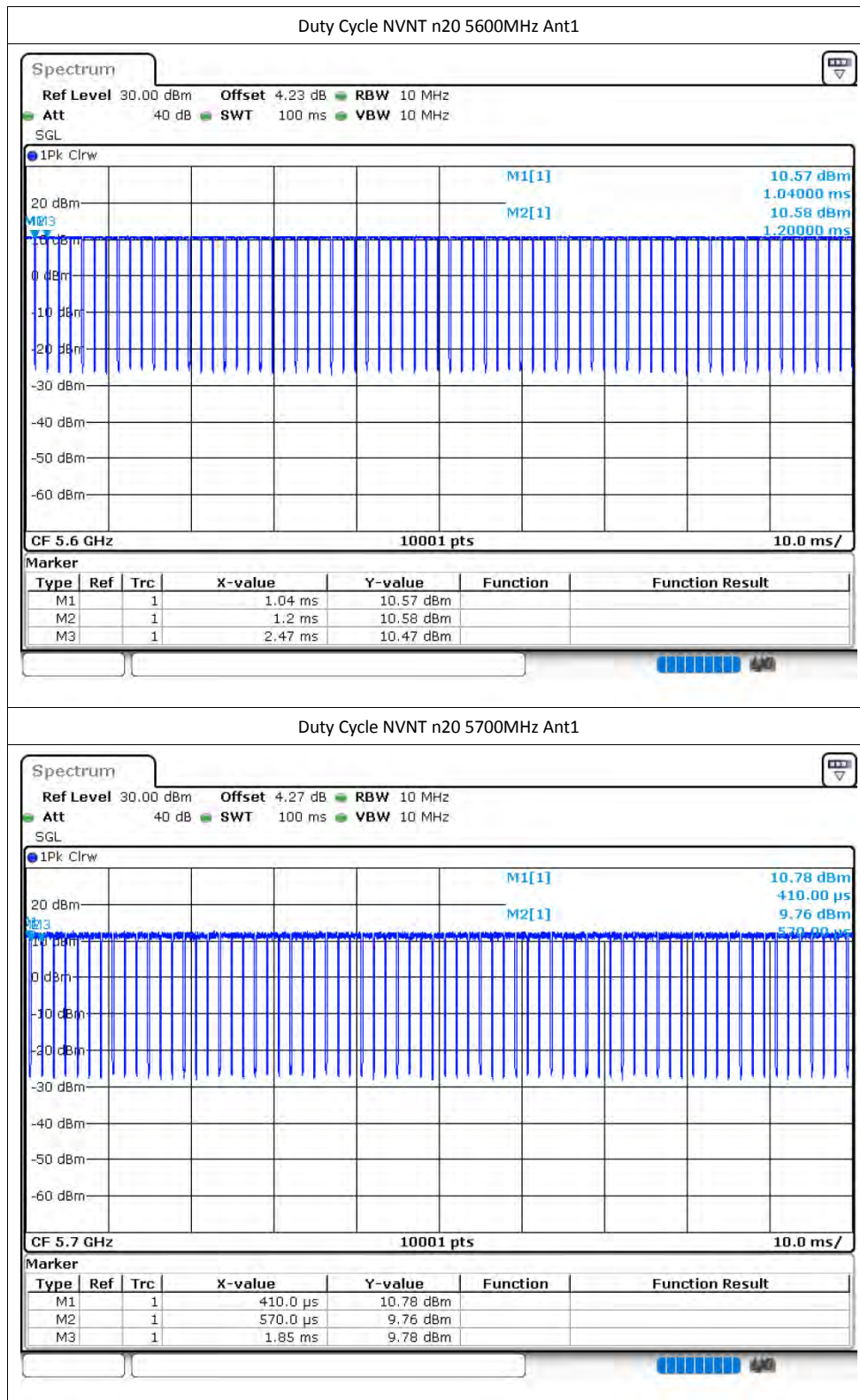
Duty Cycle NVNT a 5500MHz Ant1

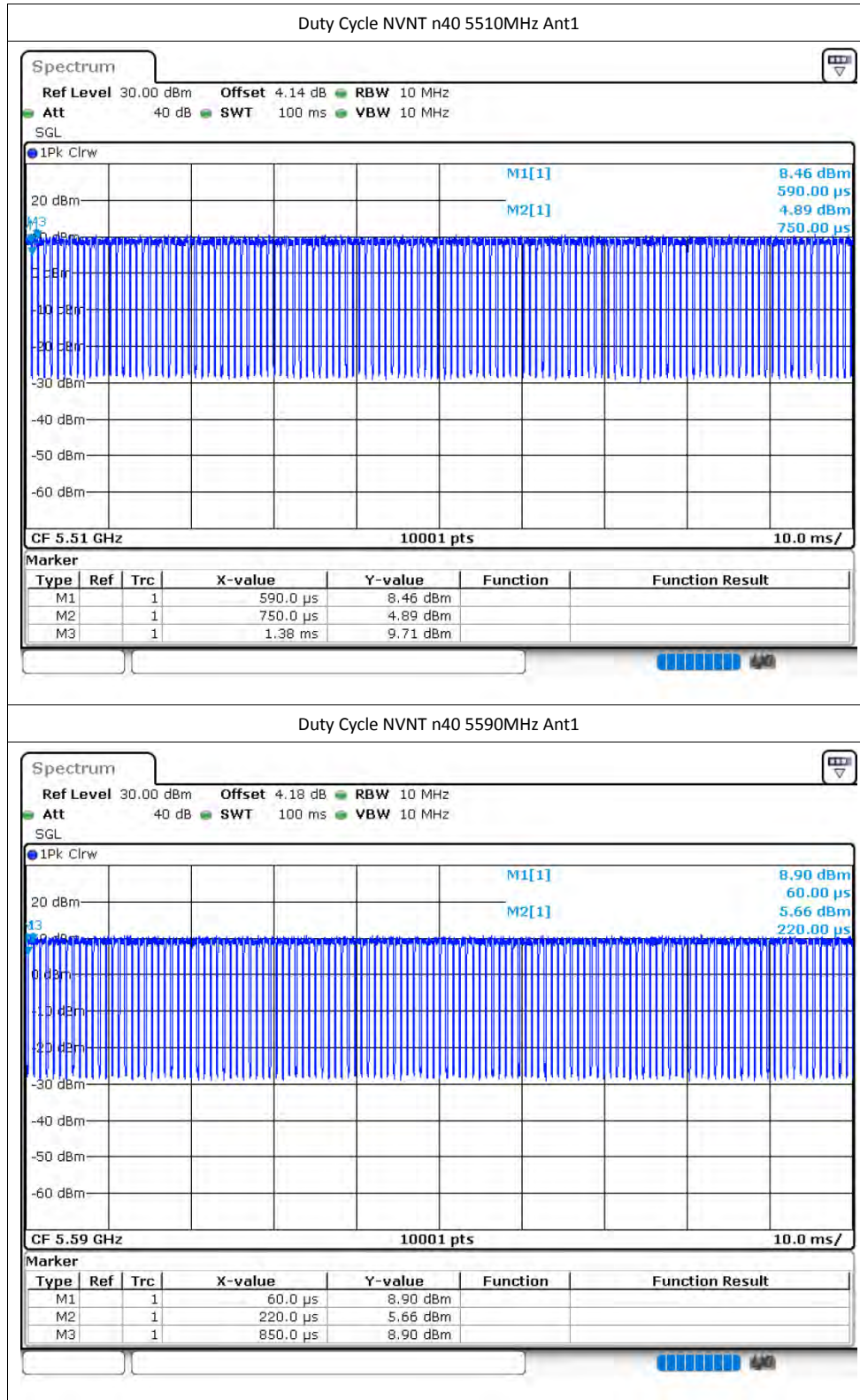


Duty Cycle NVNT a 5600MHz Ant1

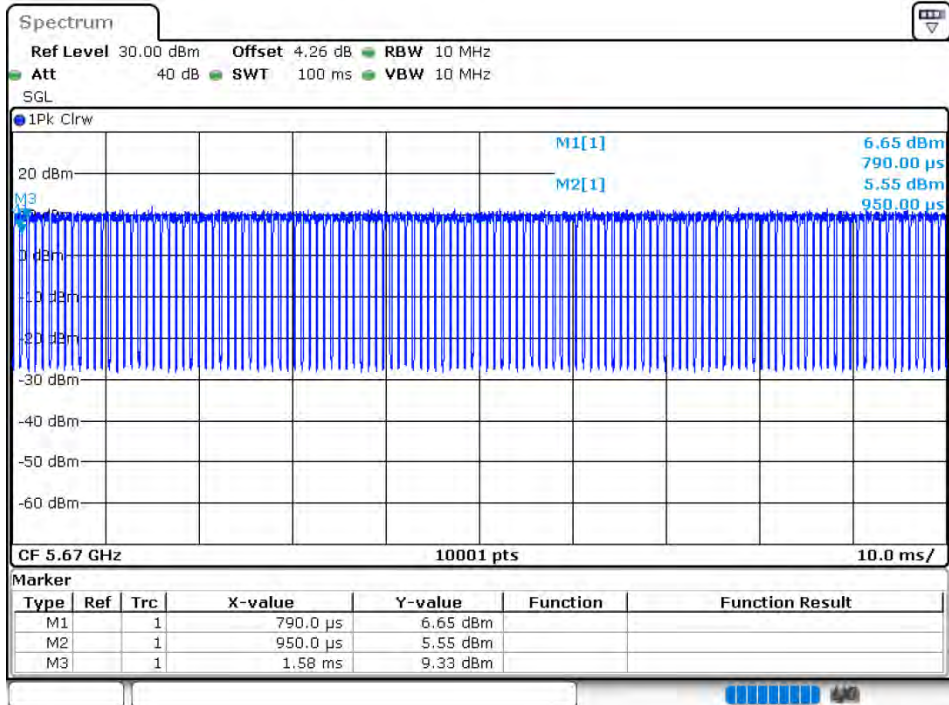




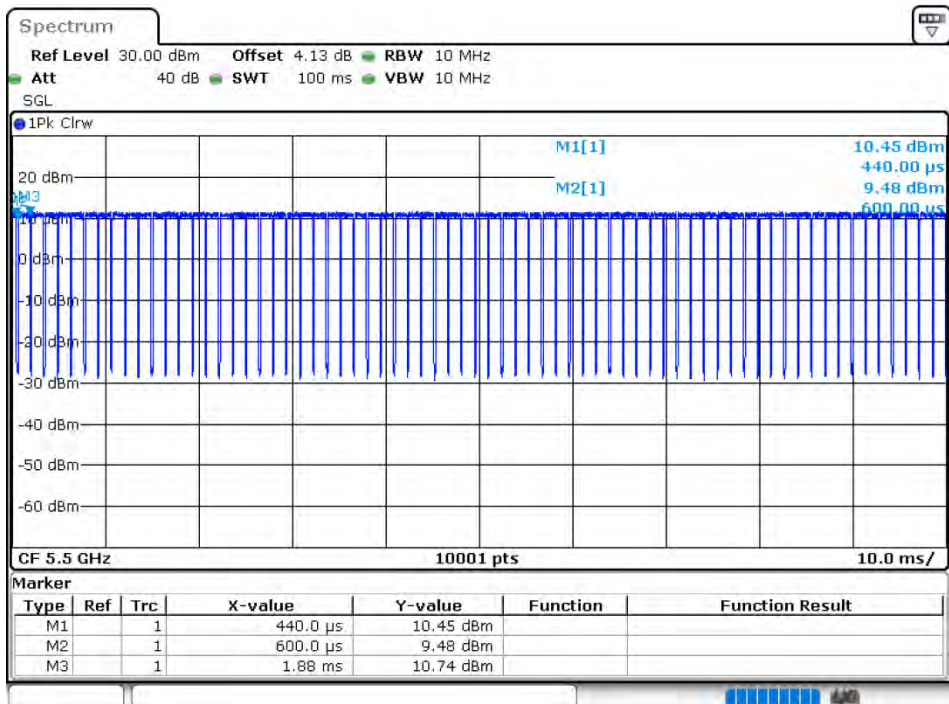


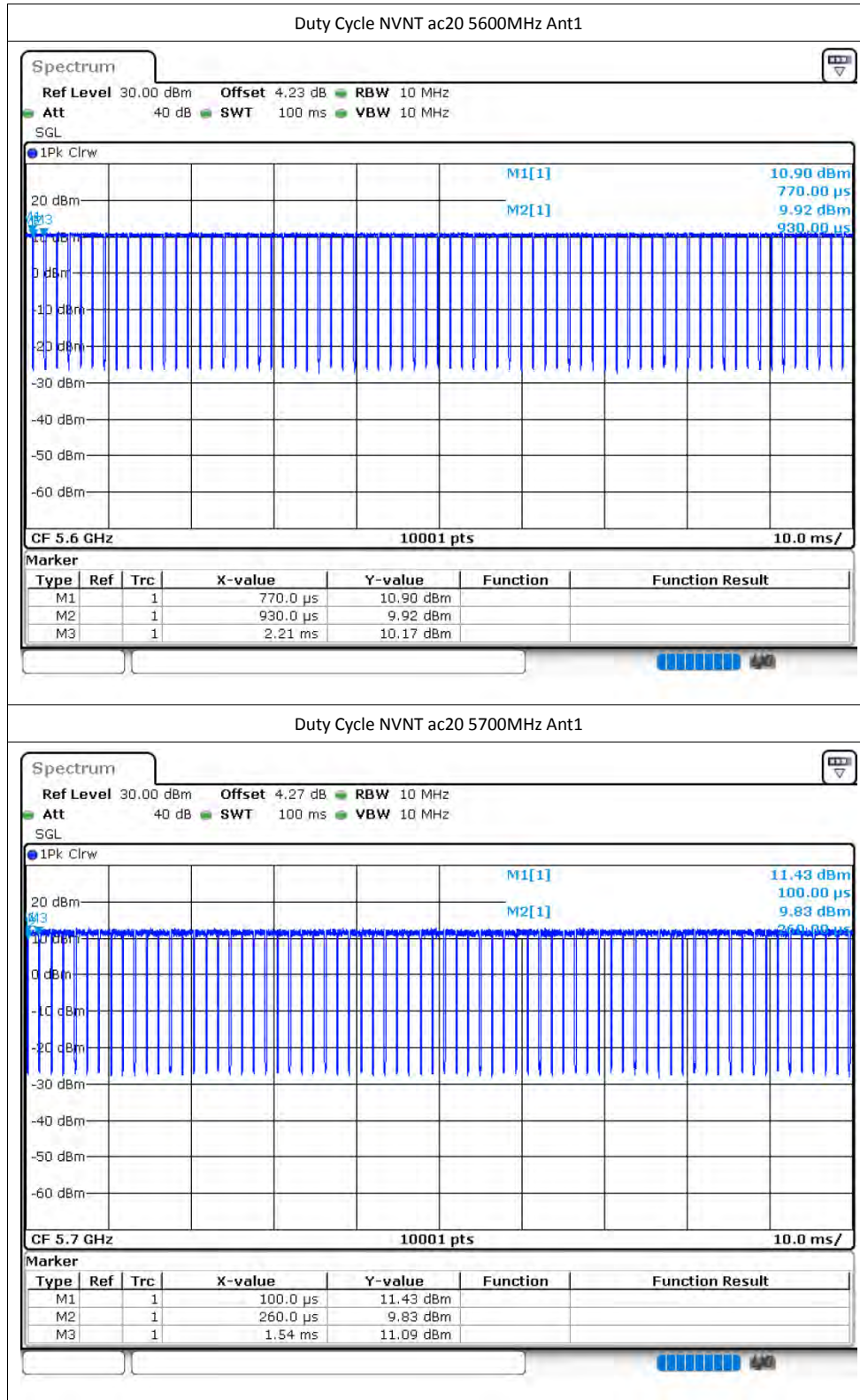


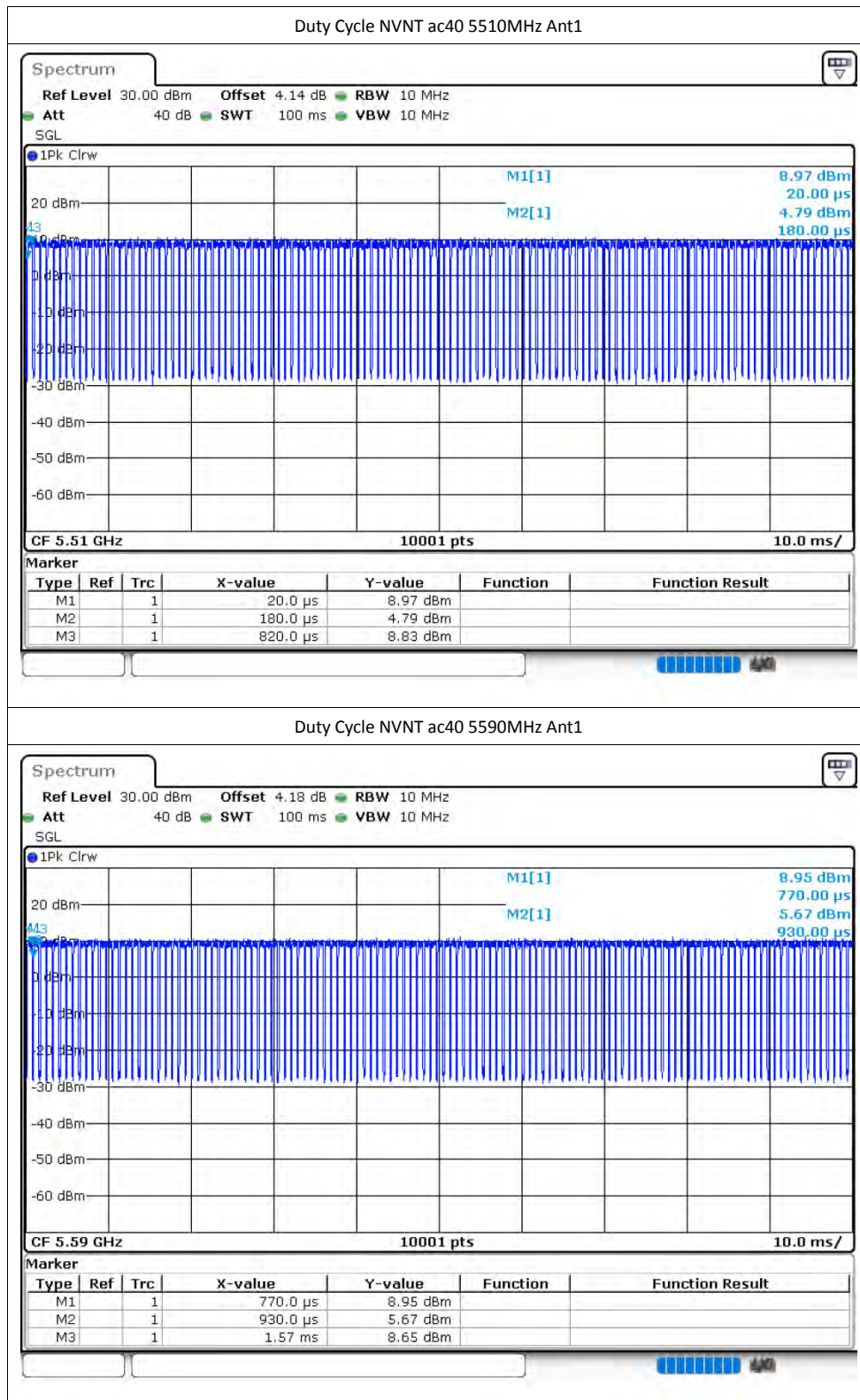
Duty Cycle NVNT n40 5670MHz Ant1

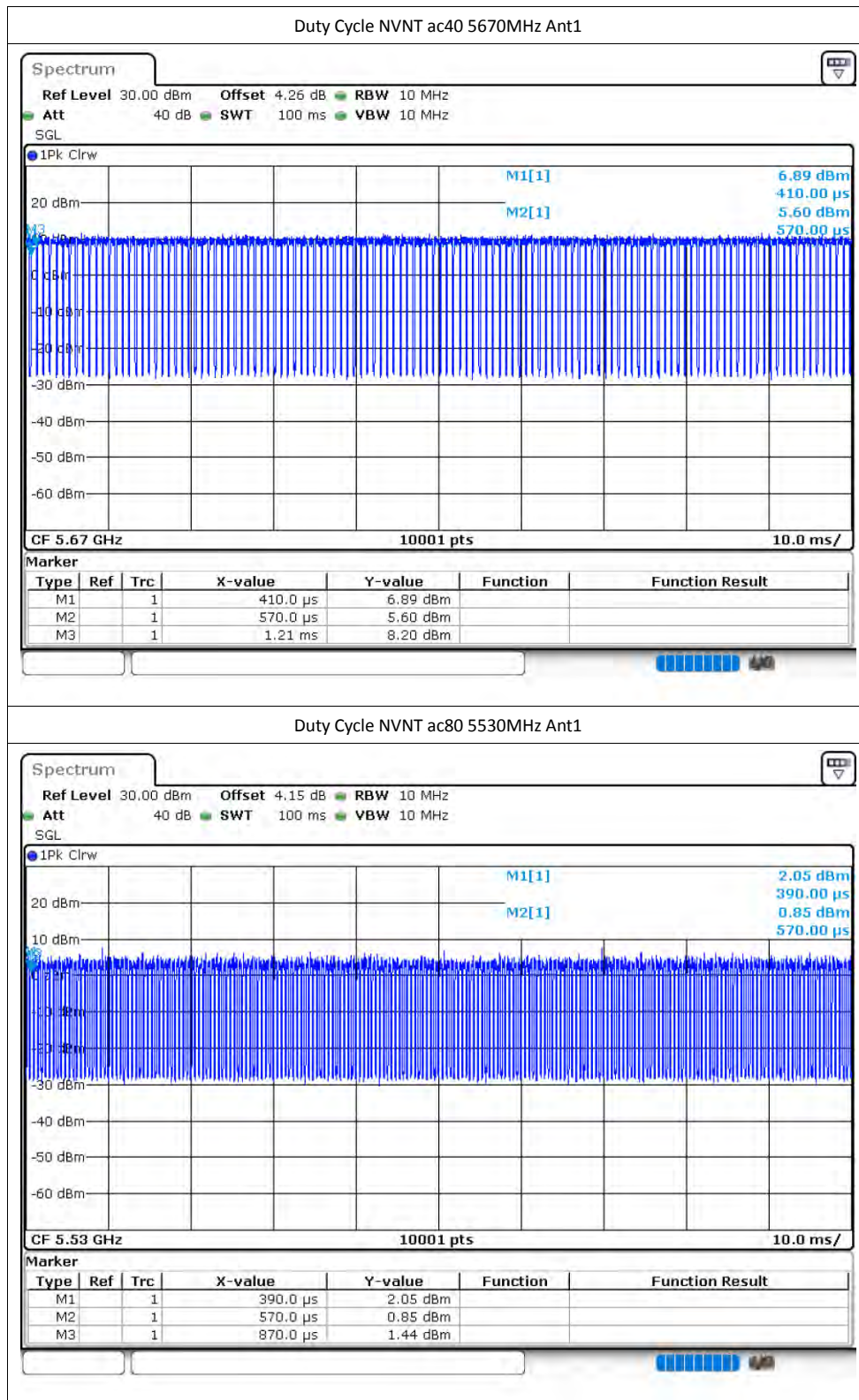


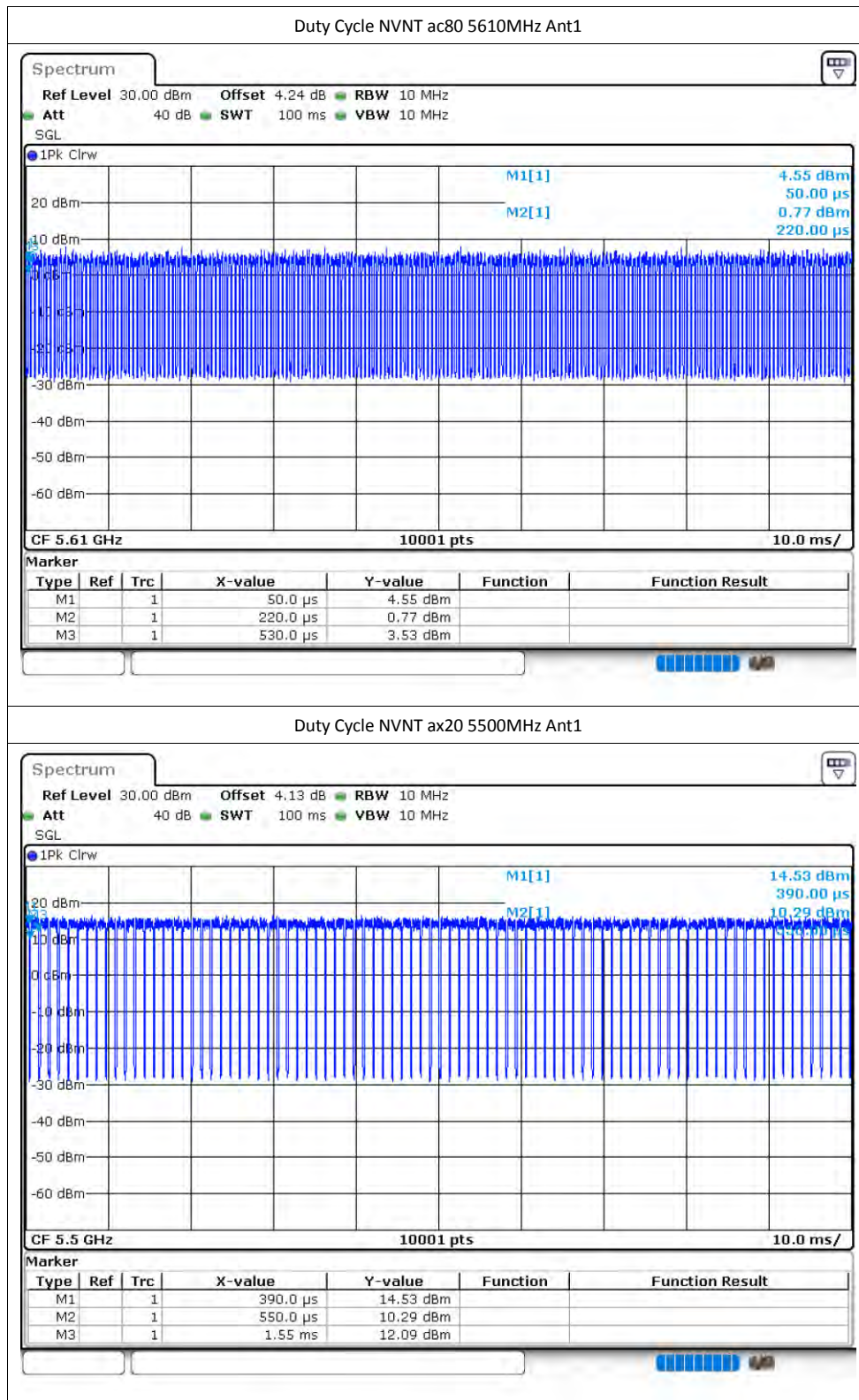
Duty Cycle NVNT ac20 5500MHz Ant1

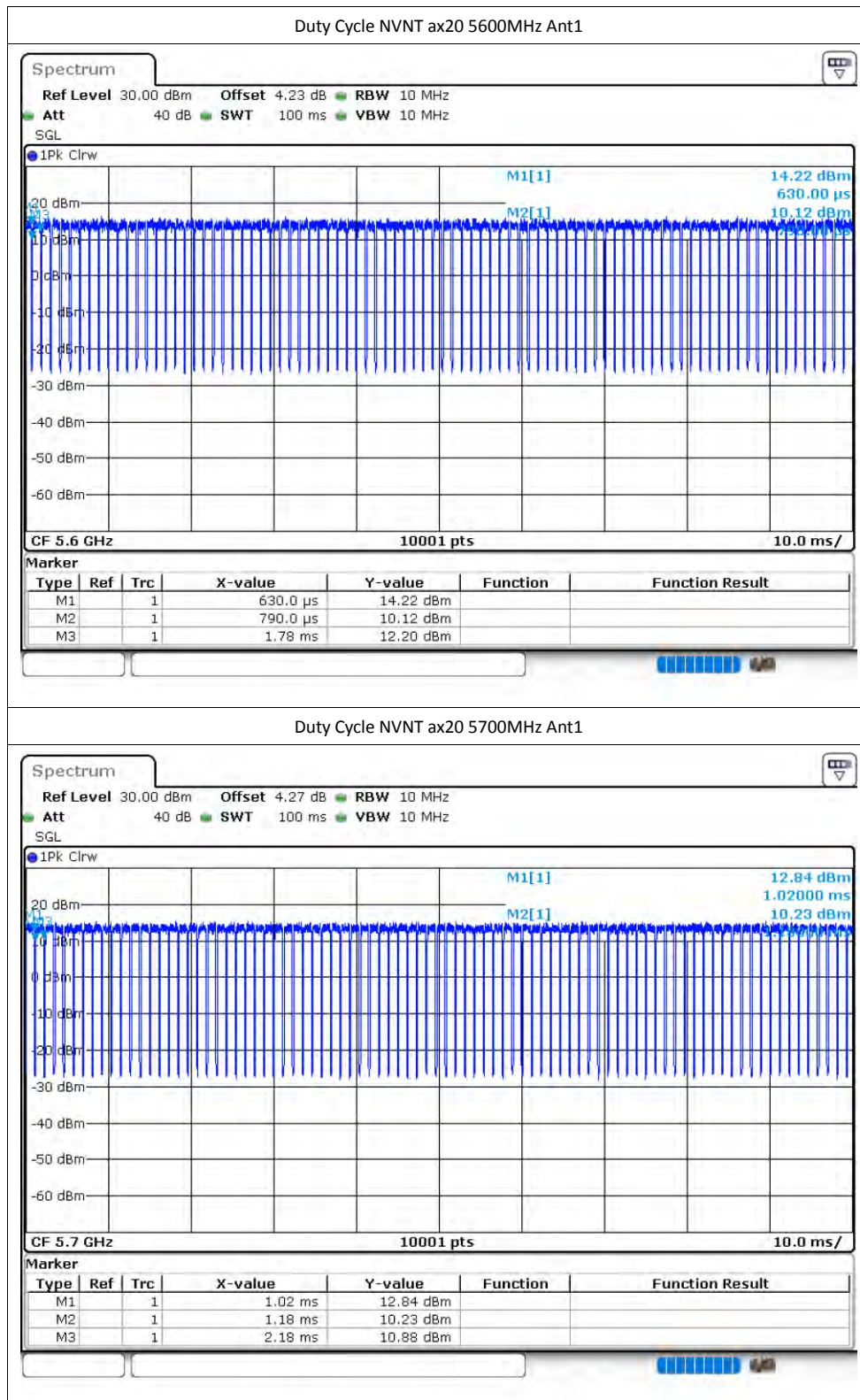




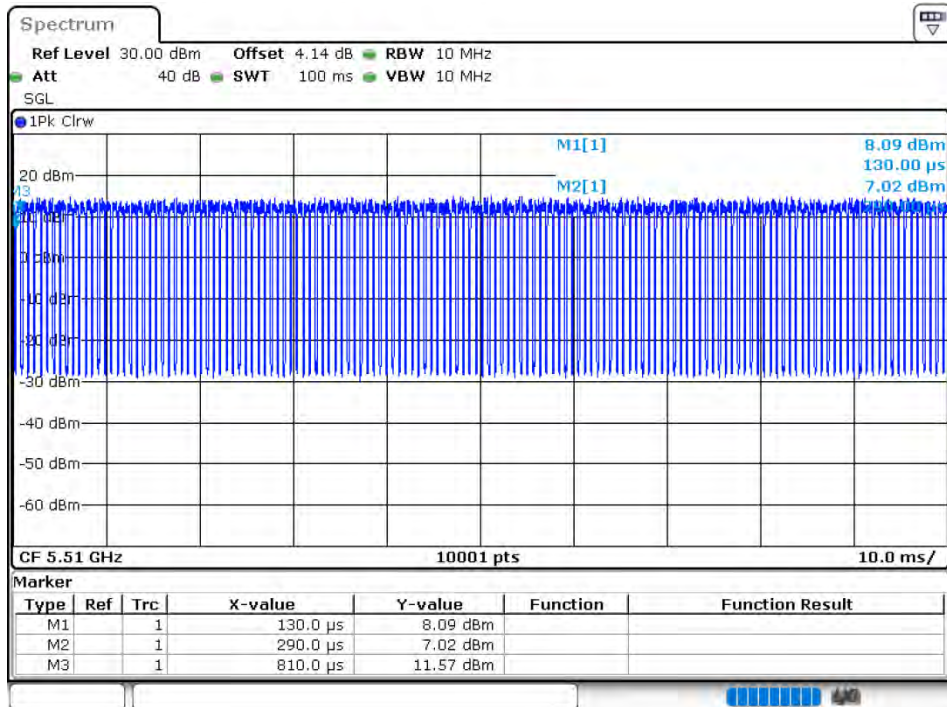




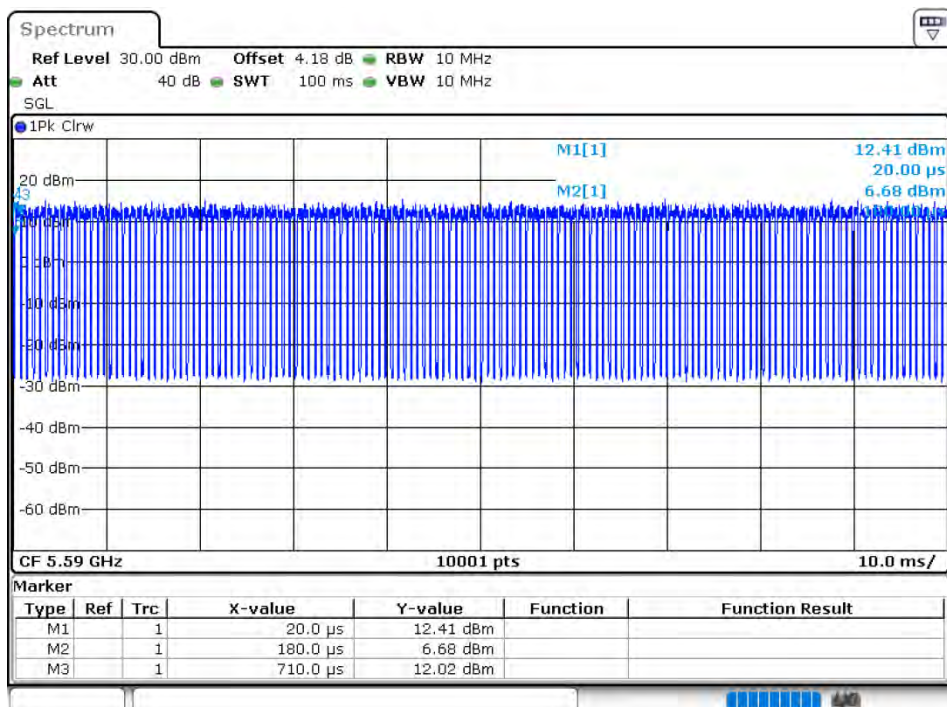




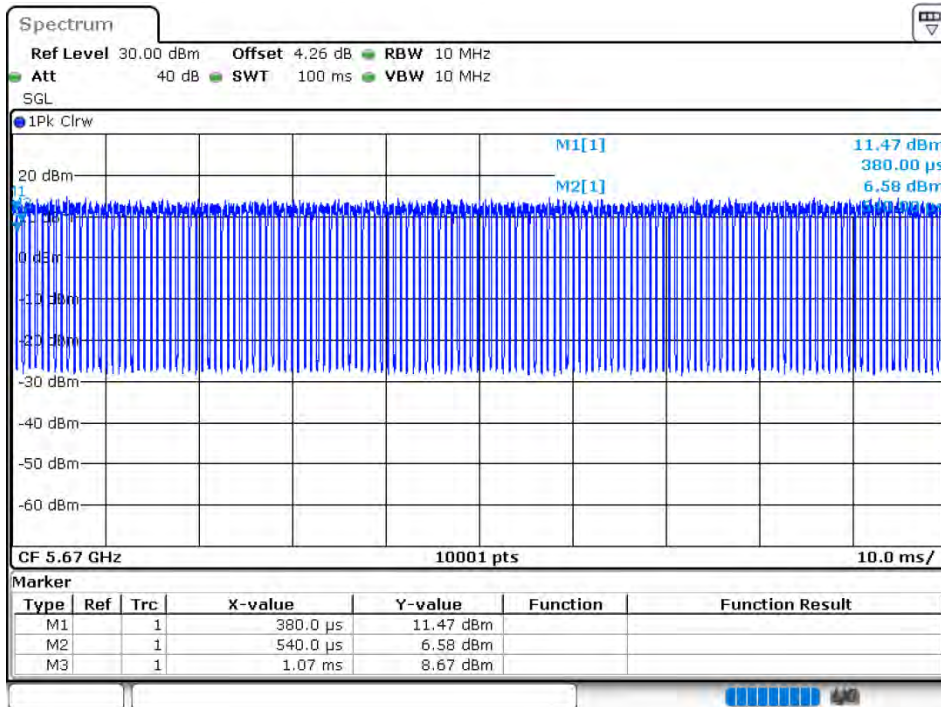
Duty Cycle NVNT ax40 5510MHz Ant1



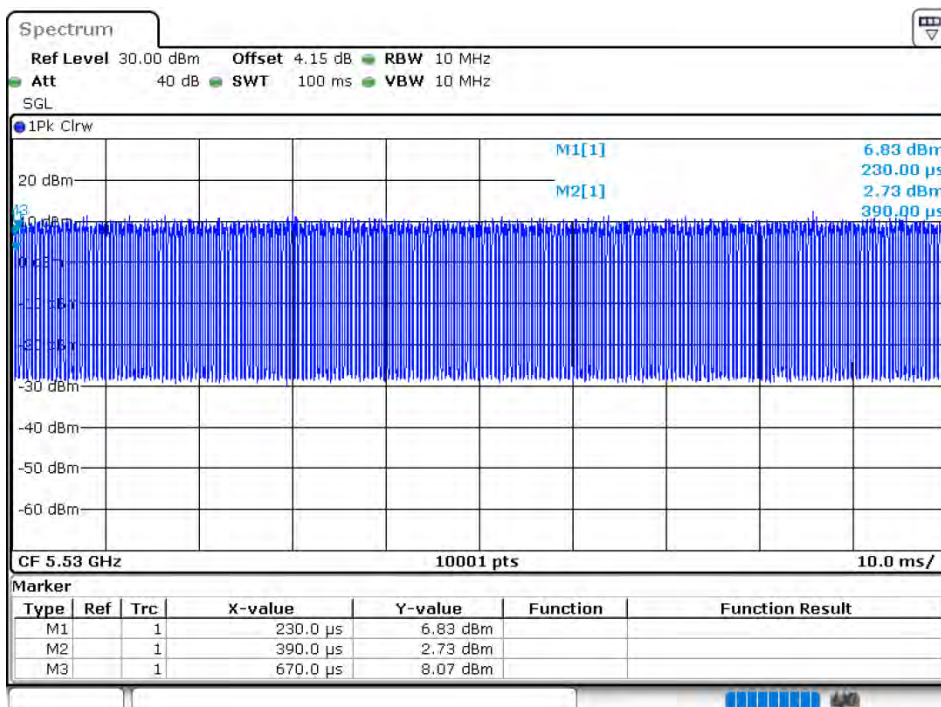
Duty Cycle NVNT ax40 5590MHz Ant1

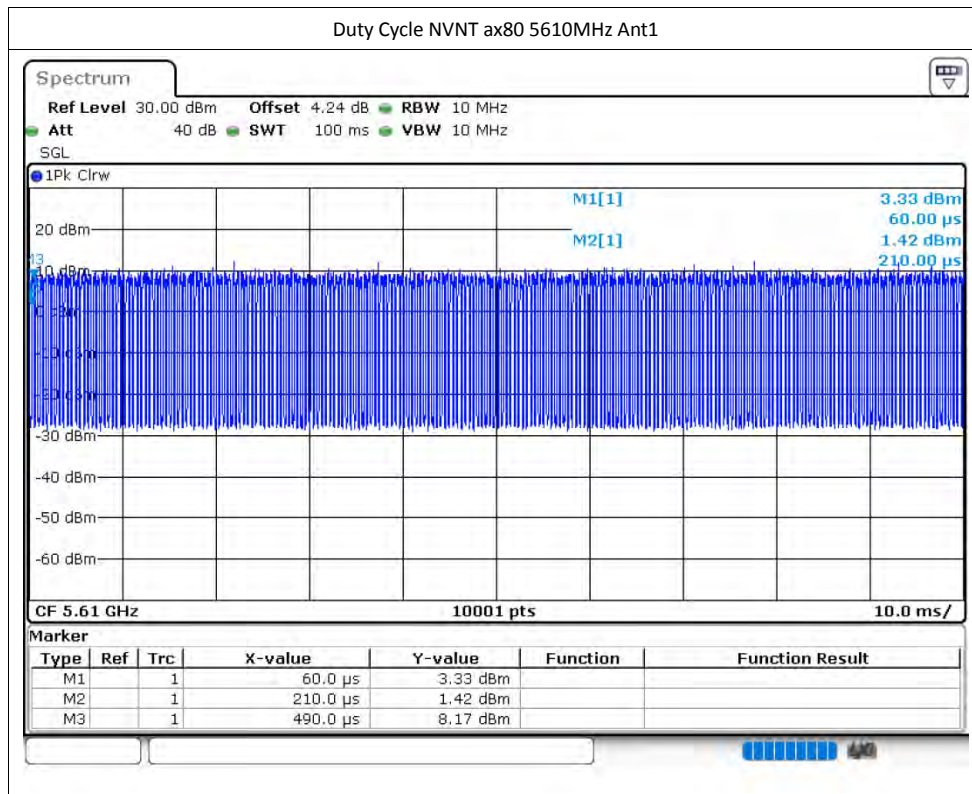


Duty Cycle NVNT ax40 5670MHz Ant1



Duty Cycle NVNT ax80 5530MHz Ant1





Maximum Conducted Output Power

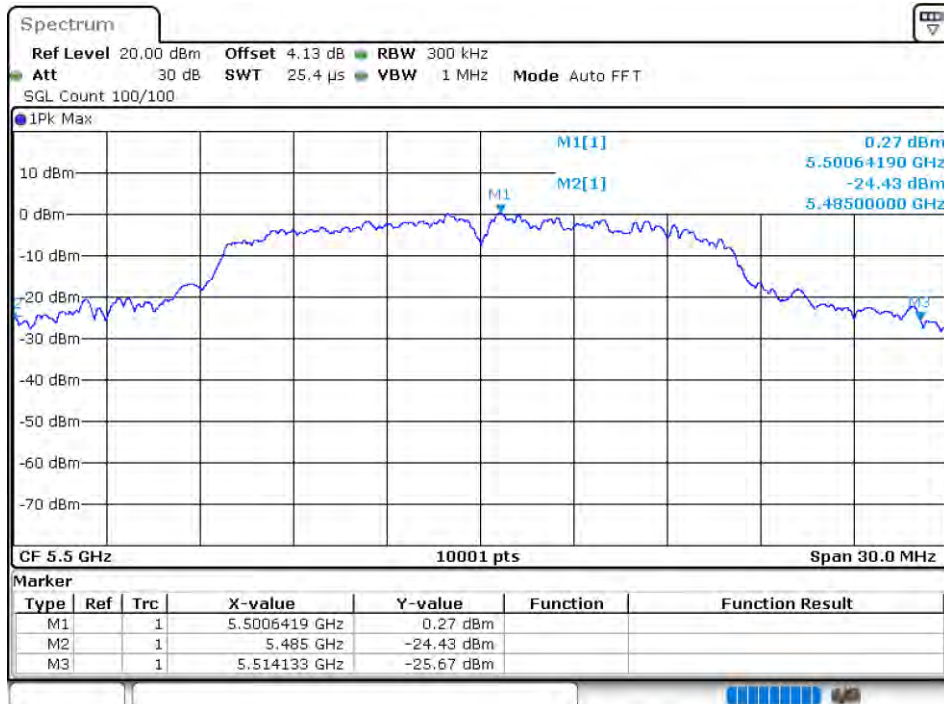
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	9.98	0.46	10.44	24	Pass
NVNT	a	5600	Ant1	9.8	0.46	10.26	24	Pass
NVNT	a	5700	Ant1	9.45	0.46	9.91	24	Pass
NVNT	n20	5500	Ant1	9.85	0.49	10.34	24	Pass
NVNT	n20	5600	Ant1	9.86	0.48	10.34	24	Pass
NVNT	n20	5700	Ant1	9.41	0.49	9.9	24	Pass
NVNT	n40	5510	Ant1	8.12	0.92	9.04	24	Pass
NVNT	n40	5590	Ant1	7.82	0.92	8.74	24	Pass
NVNT	n40	5670	Ant1	8.4	0.92	9.32	24	Pass
NVNT	ac20	5500	Ant1	9.12	0.48	9.6	24	Pass
NVNT	ac20	5600	Ant1	8.85	0.48	9.33	24	Pass
NVNT	ac20	5700	Ant1	9.47	0.49	9.96	24	Pass
NVNT	ac40	5510	Ant1	8.13	0.91	9.04	24	Pass
NVNT	ac40	5590	Ant1	7.81	0.91	8.72	24	Pass
NVNT	ac40	5670	Ant1	8.37	0.91	9.28	24	Pass
NVNT	ac80	5530	Ant1	4.82	1.94	6.76	24	Pass
NVNT	ac80	5610	Ant1	5.33	1.77	7.1	24	Pass
NVNT	ax20	5500	Ant1	10.04	0.61	10.65	24	Pass
NVNT	ax20	5600	Ant1	9.46	0.61	10.07	24	Pass
NVNT	ax20	5700	Ant1	9.95	0.6	10.55	24	Pass
NVNT	ax40	5510	Ant1	9.89	1.07	10.96	24	Pass
NVNT	ax40	5590	Ant1	9.26	1.07	10.33	24	Pass
NVNT	ax40	5670	Ant1	9.7	1.07	10.77	24	Pass
NVNT	ax80	5530	Ant1	9	1.81	10.81	24	Pass
NVNT	ax80	5610	Ant1	8.4	1.82	10.22	24	Pass

-26dB Bandwidth

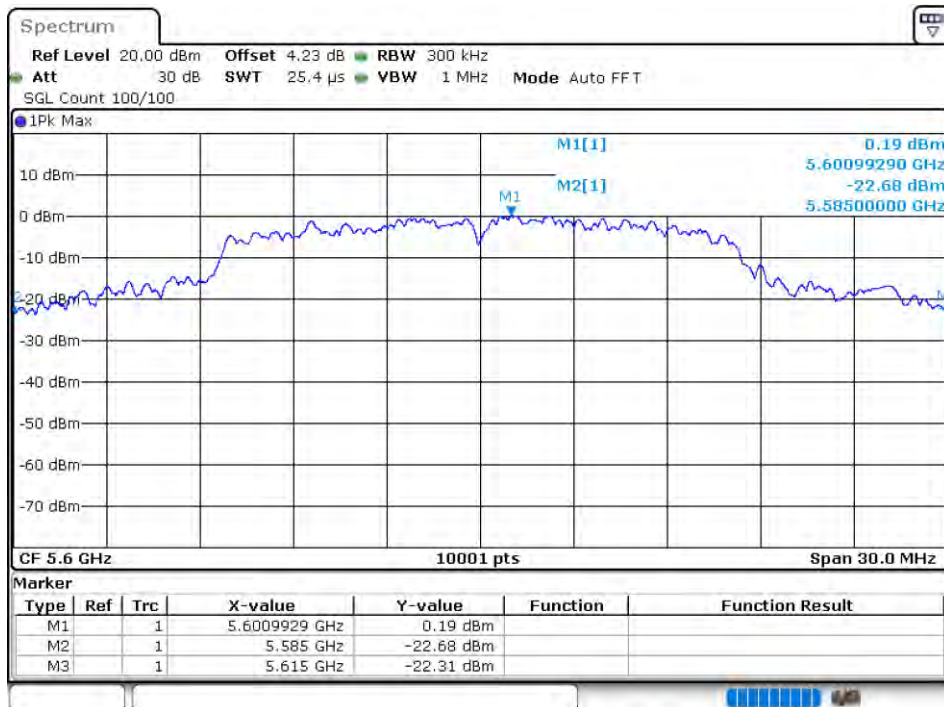
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	29.133	Pass
NVNT	a	5600	Ant1	30	Pass
NVNT	a	5700	Ant1	24.363	Pass
NVNT	n20	5500	Ant1	30	Pass
NVNT	n20	5600	Ant1	30	Pass
NVNT	n20	5700	Ant1	24.909	Pass
NVNT	n40	5510	Ant1	59.964	Pass
NVNT	n40	5590	Ant1	59.976	Pass
NVNT	n40	5670	Ant1	59.484	Pass
NVNT	ac20	5500	Ant1	28.599	Pass
NVNT	ac20	5600	Ant1	30	Pass
NVNT	ac20	5700	Ant1	25.656	Pass
NVNT	ac40	5510	Ant1	60	Pass
NVNT	ac40	5590	Ant1	59.988	Pass
NVNT	ac40	5670	Ant1	58.872	Pass
NVNT	ac80	5530	Ant1	119.724	Pass
NVNT	ac80	5610	Ant1	119.88	Pass
NVNT	ax20	5500	Ant1	19.797	Pass
NVNT	ax20	5600	Ant1	19.839	Pass
NVNT	ax20	5700	Ant1	19.83	Pass
NVNT	ax40	5510	Ant1	39.576	Pass
NVNT	ax40	5590	Ant1	39.624	Pass
NVNT	ax40	5670	Ant1	39.654	Pass
NVNT	ax80	5530	Ant1	80.412	Pass
NVNT	ax80	5610	Ant1	80.46	Pass

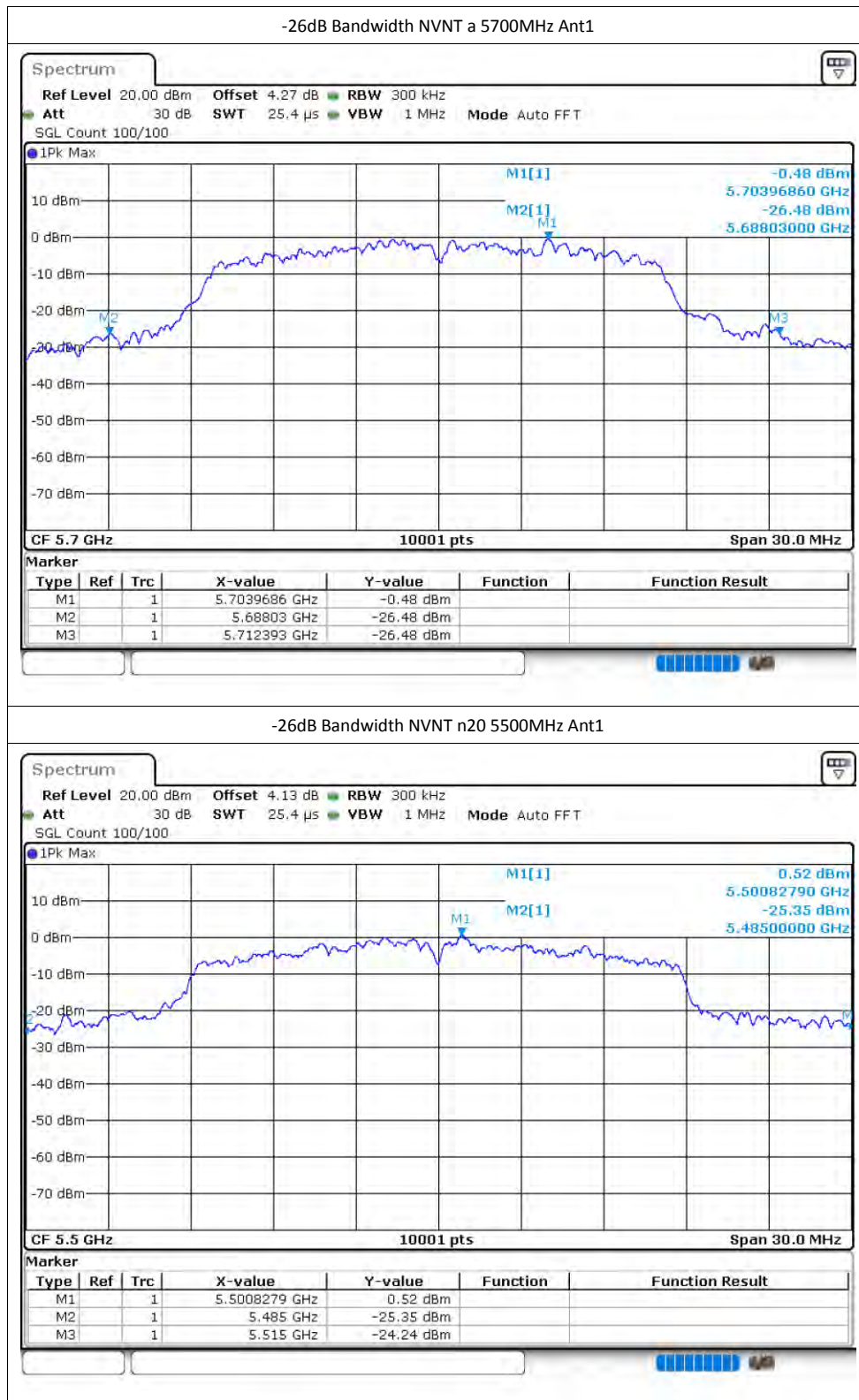
Test Graphs

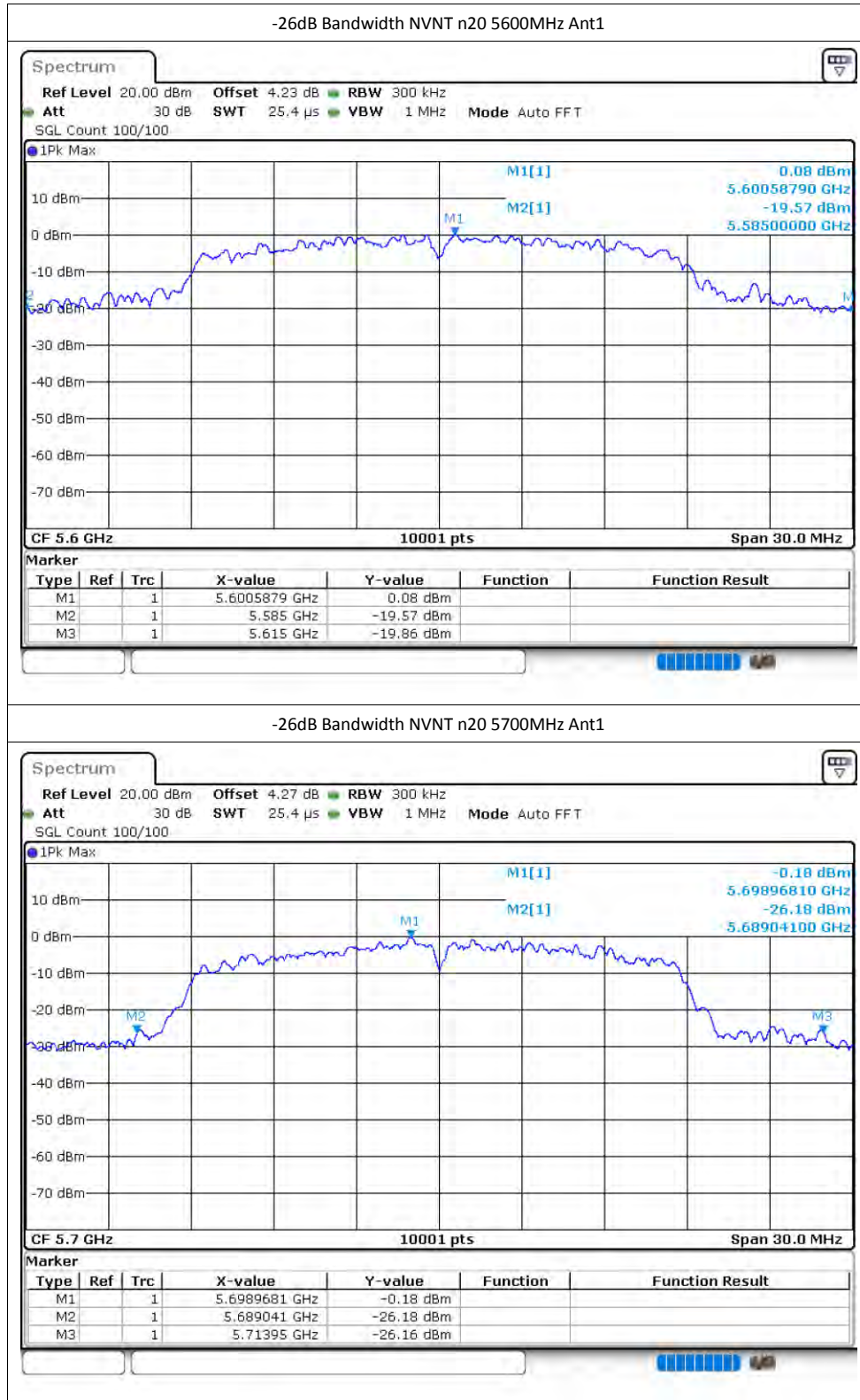
-26dB Bandwidth NVNT a 5500MHz Ant1



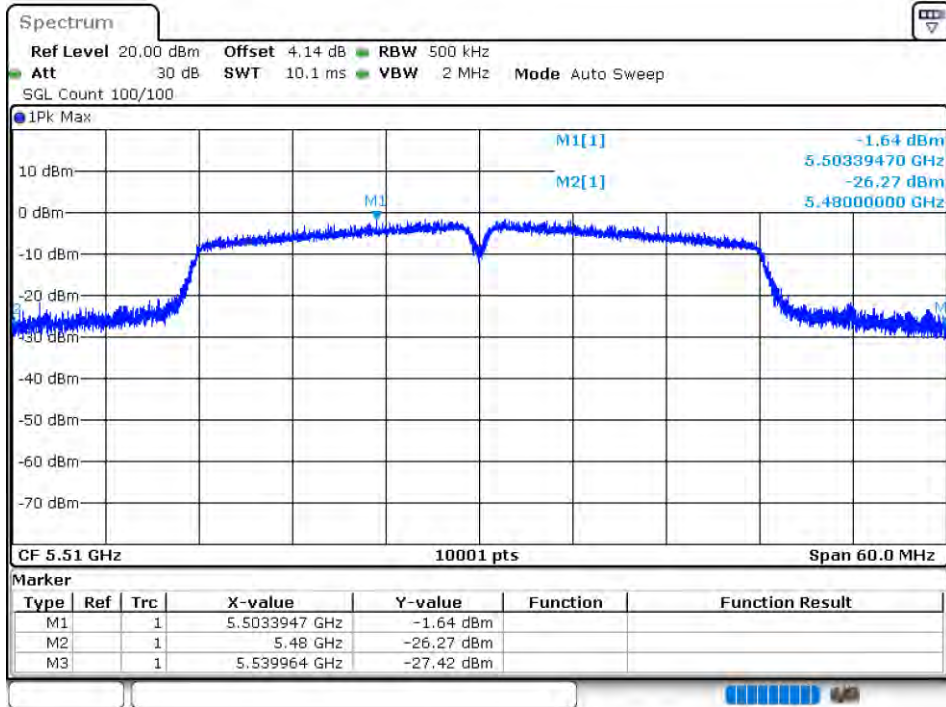
-26dB Bandwidth NVNT a 5600MHz Ant1



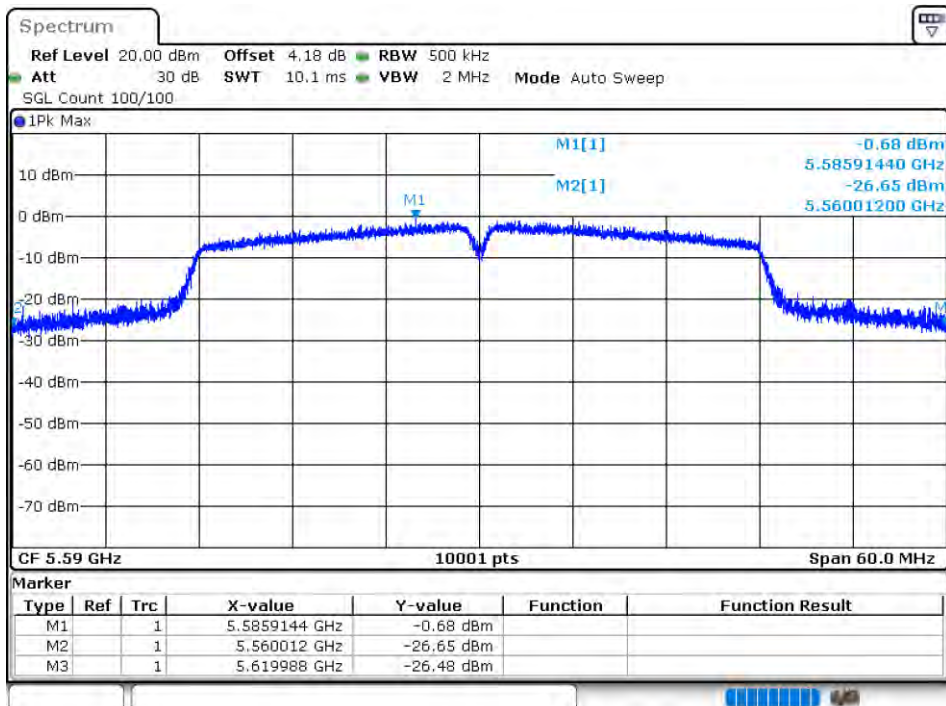


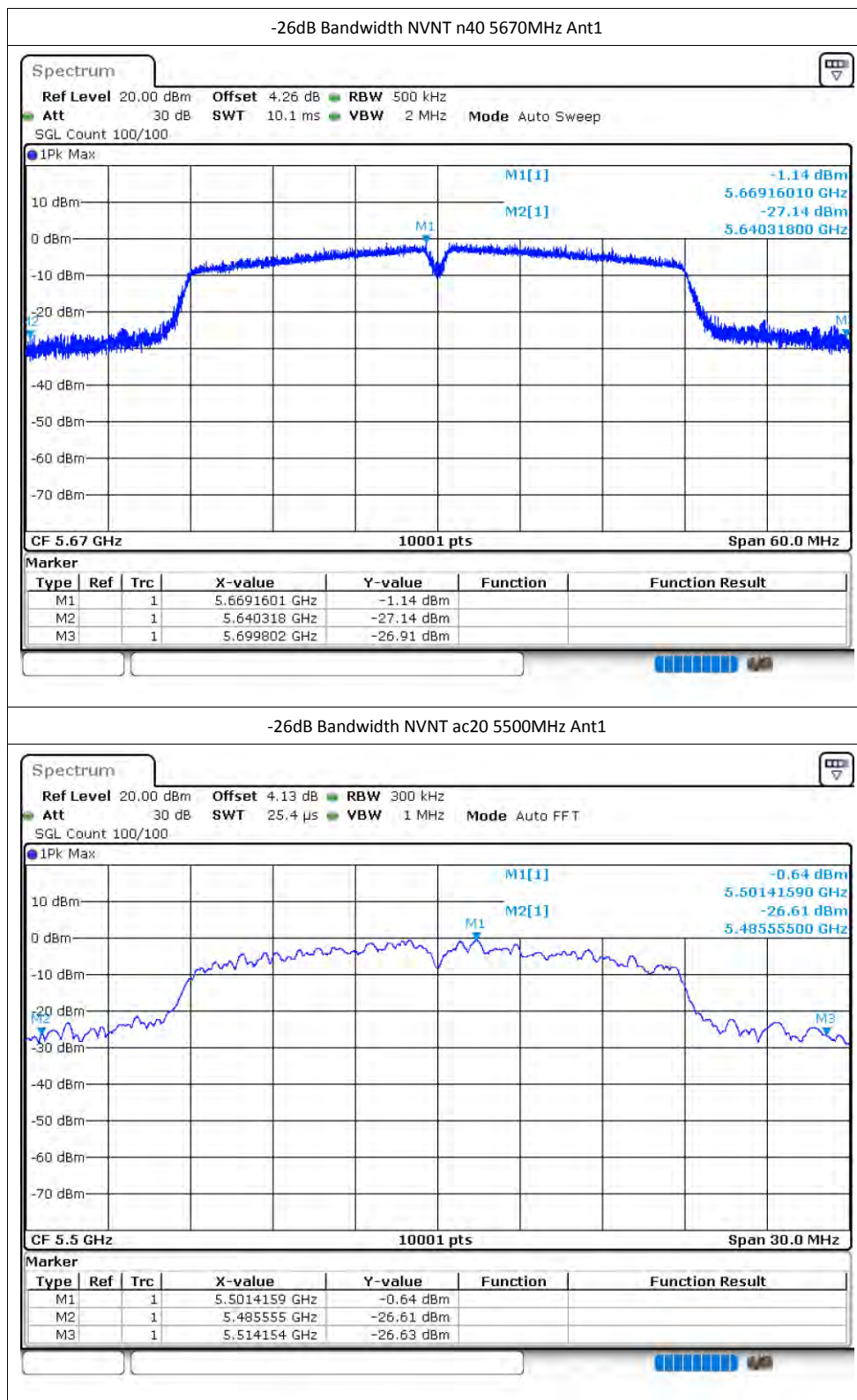


-26dB Bandwidth NVNT n40 5510MHz Ant1

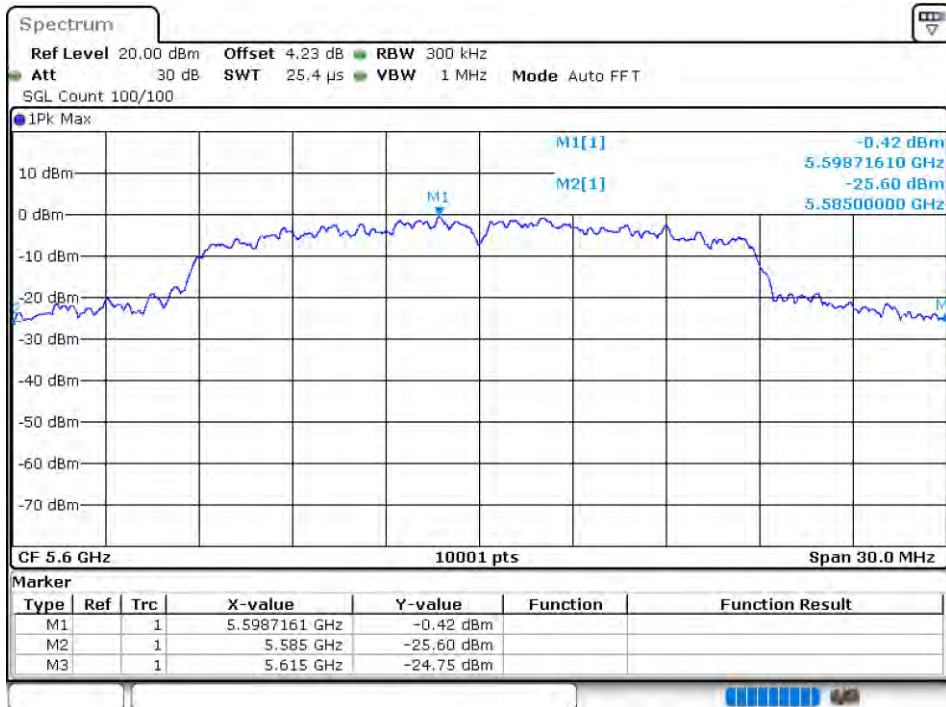


-26dB Bandwidth NVNT n40 5590MHz Ant1

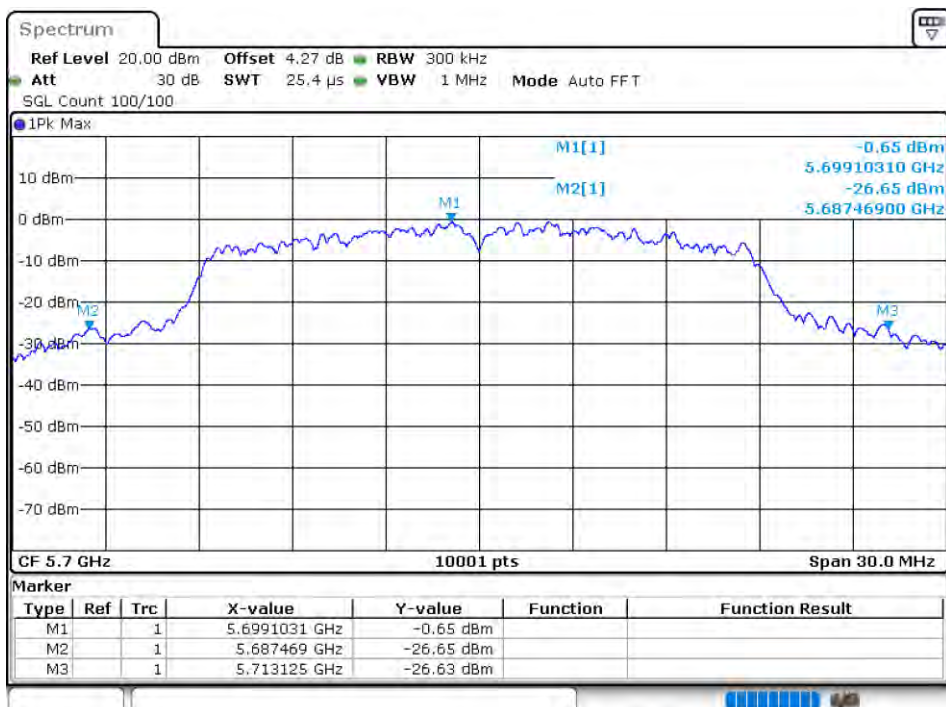


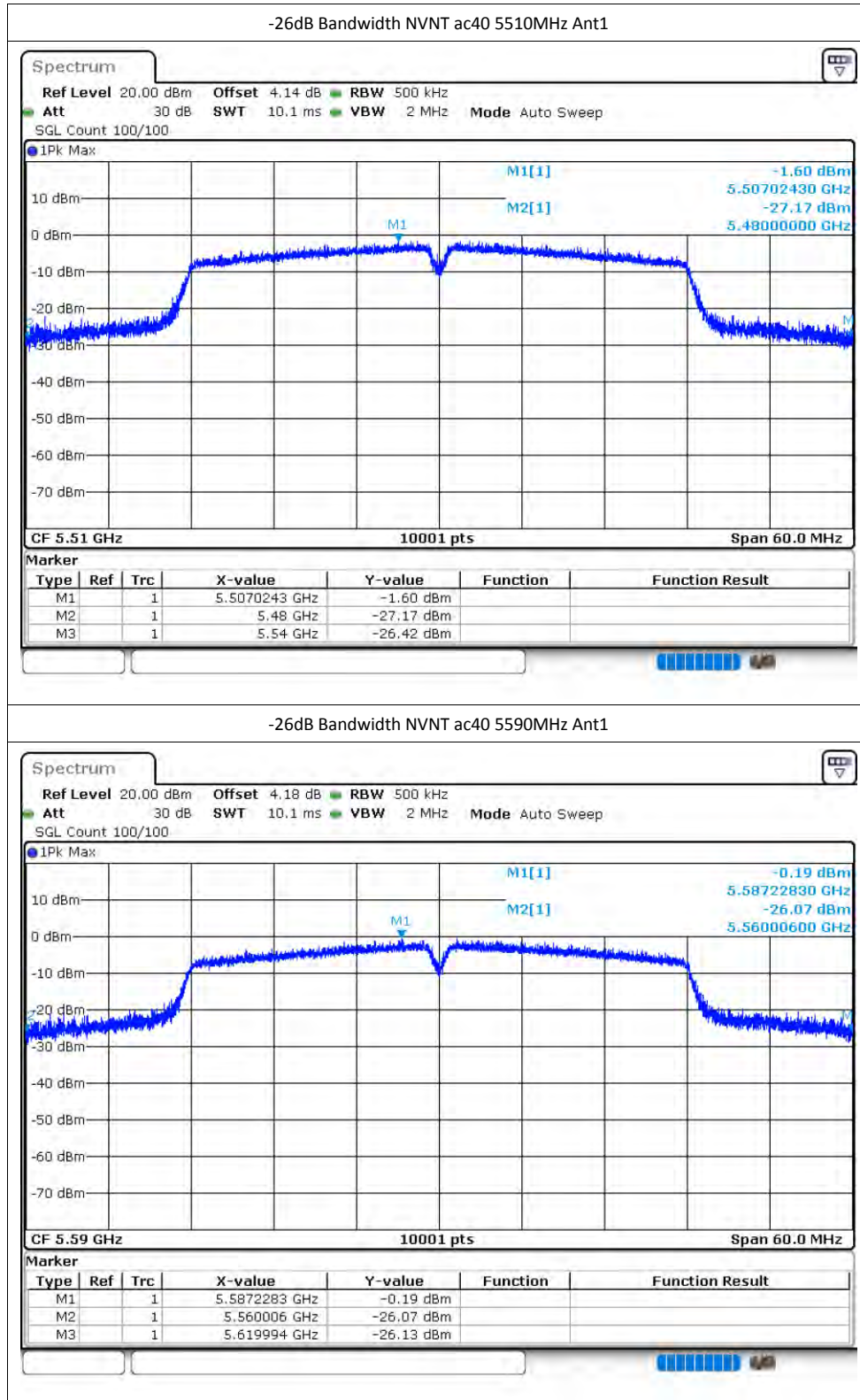


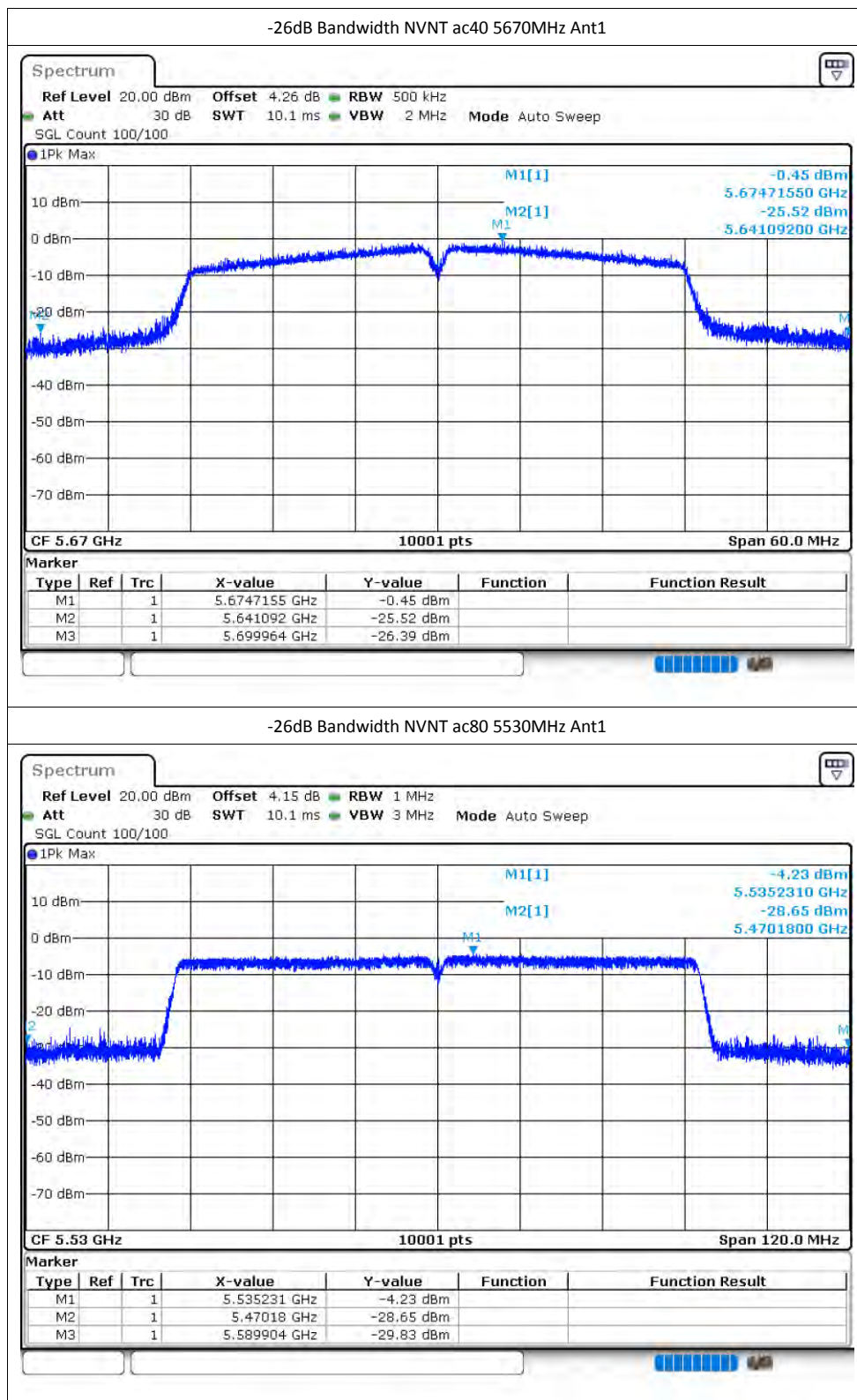
-26dB Bandwidth NVNT ac20 5600MHz Ant1



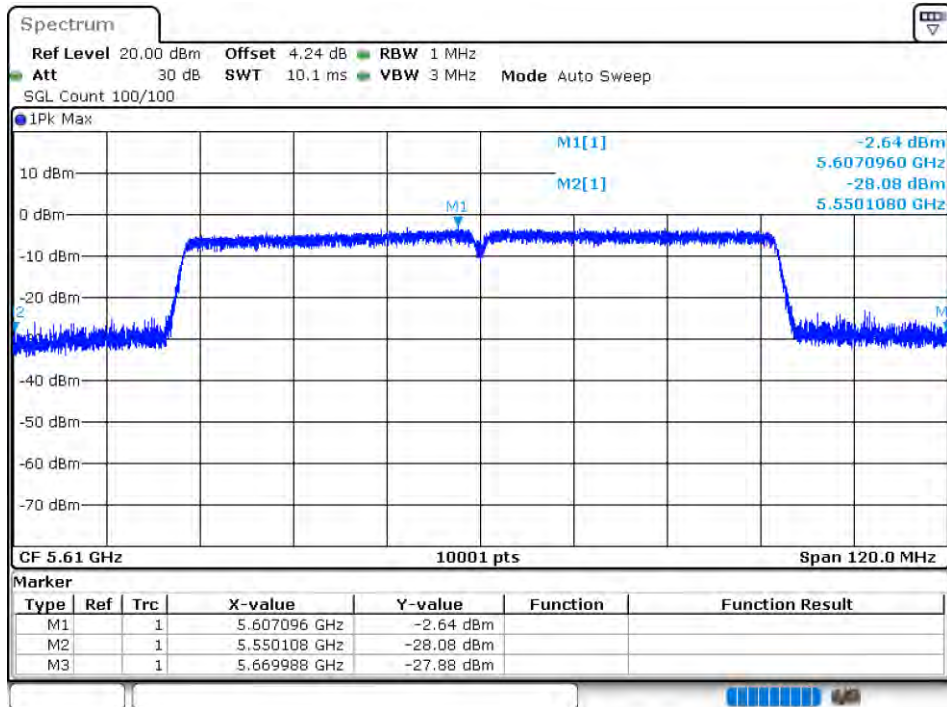
-26dB Bandwidth NVNT ac20 5700MHz Ant1



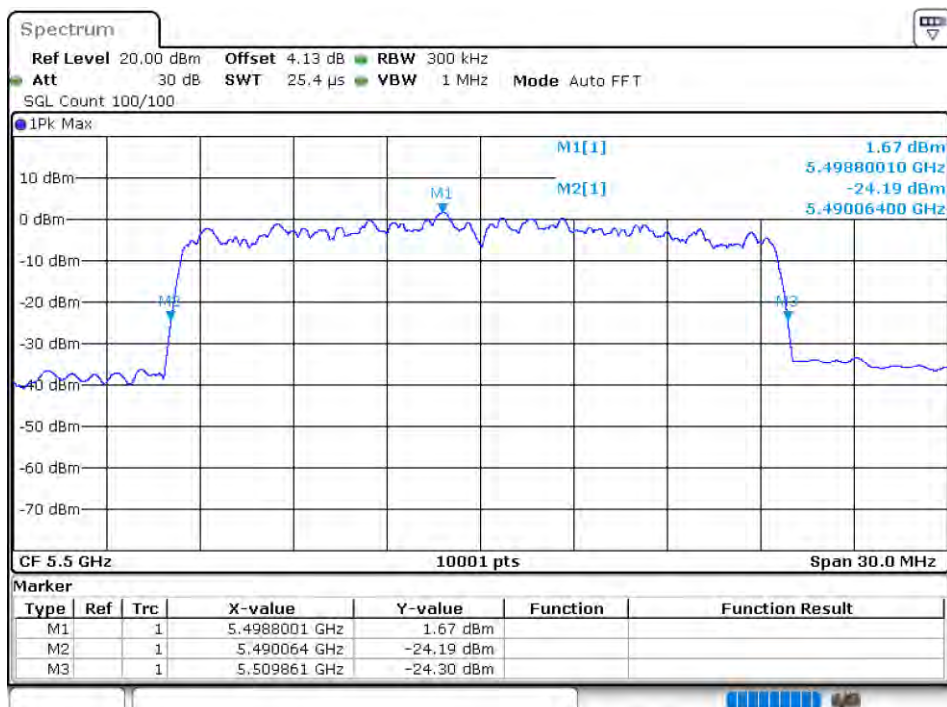




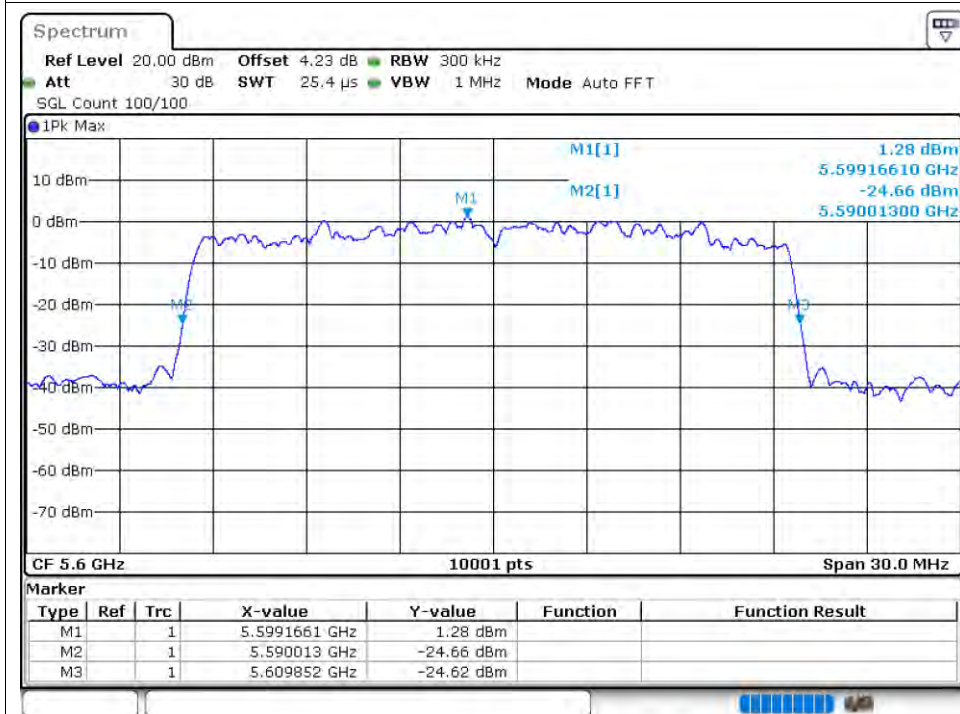
-26dB Bandwidth NVNT ac80 5610MHz Ant1



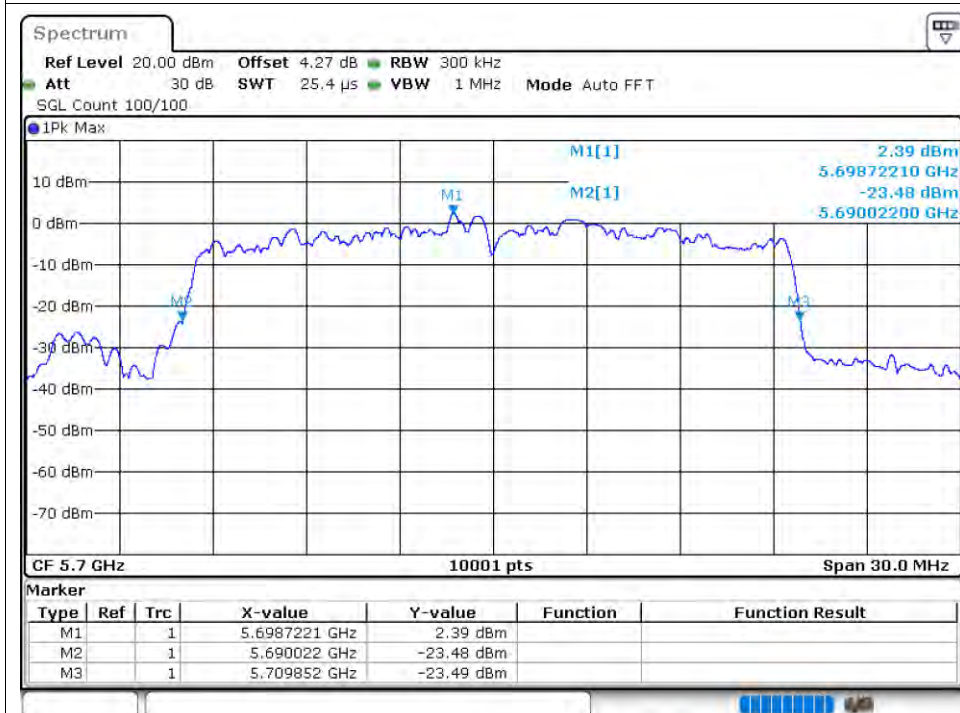
-26dB Bandwidth NVNT ax20 5500MHz Ant1

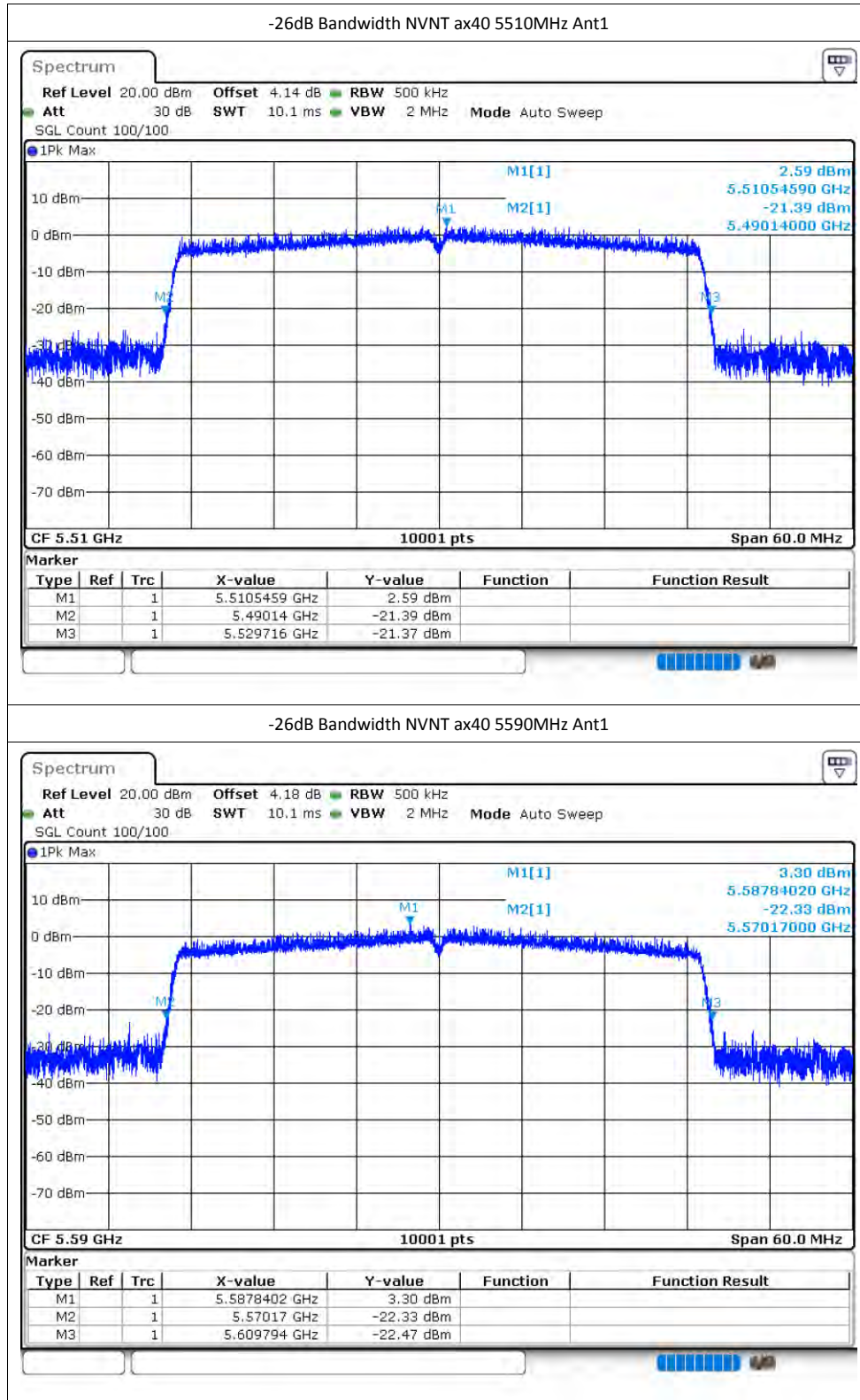


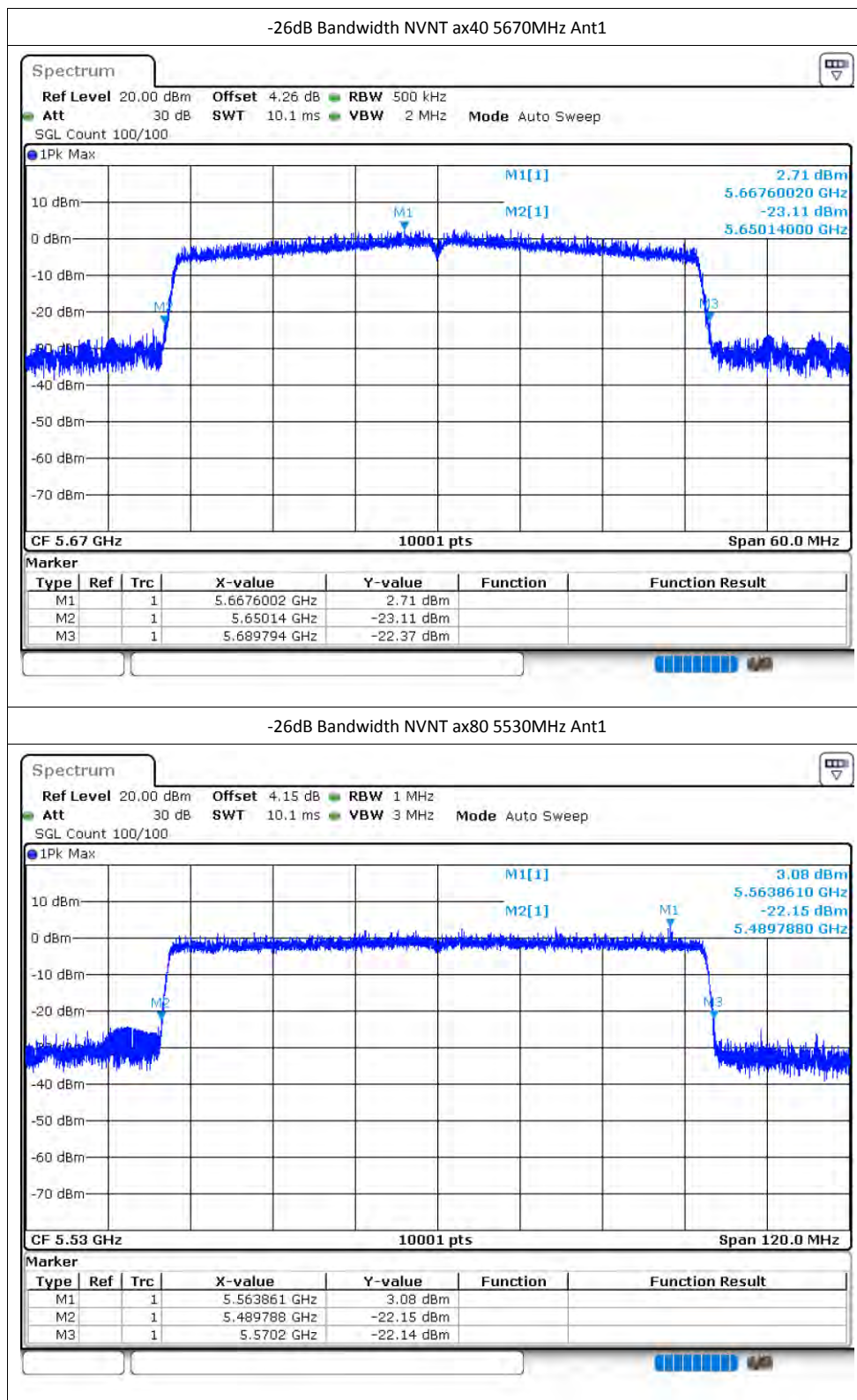
-26dB Bandwidth NVNT ax20 5600MHz Ant1

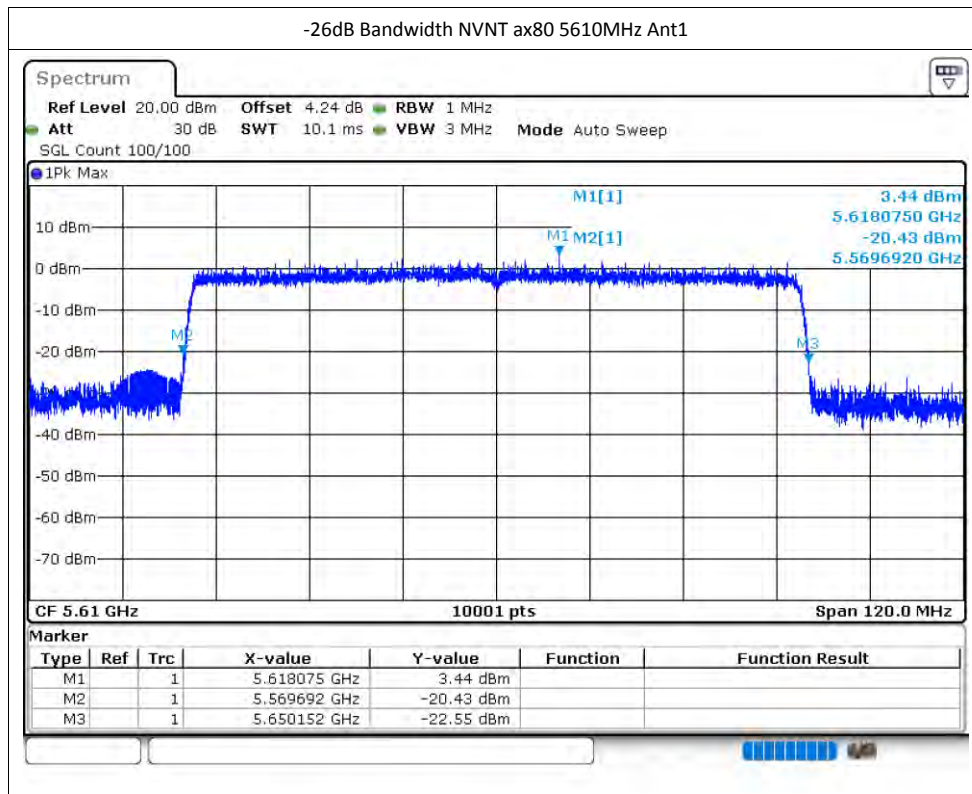


-26dB Bandwidth NVNT ax20 5700MHz Ant1









Occupied Channel Bandwidth

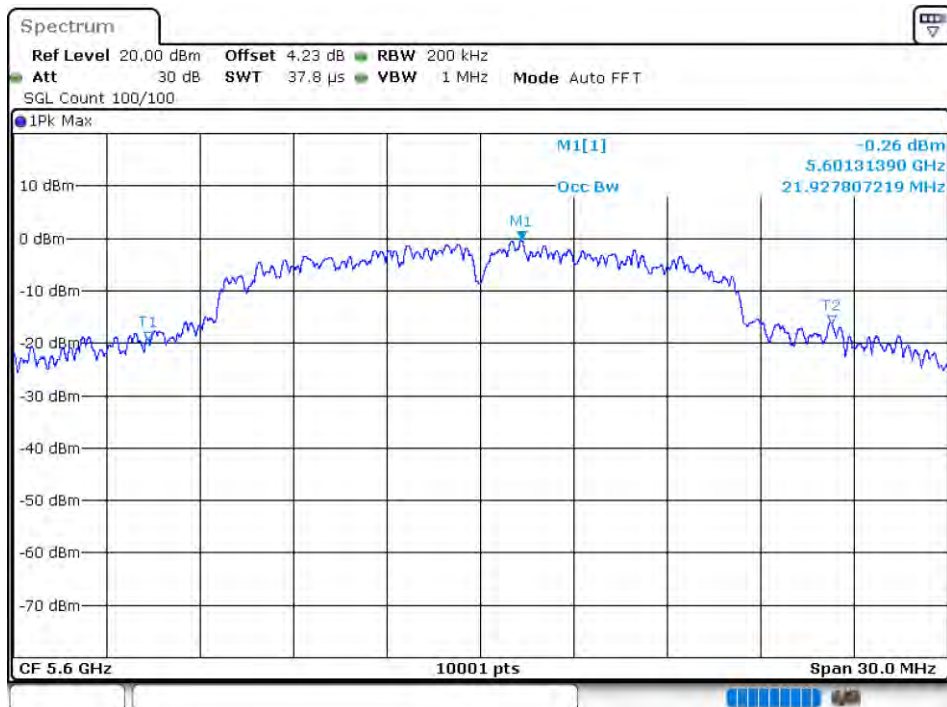
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	17.056
NVNT	a	5600	Ant1	21.928
NVNT	a	5700	Ant1	16.543
NVNT	n20	5500	Ant1	18.928
NVNT	n20	5600	Ant1	23.131
NVNT	n20	5700	Ant1	17.536
NVNT	n40	5510	Ant1	36.56
NVNT	n40	5590	Ant1	36.788
NVNT	n40	5670	Ant1	36.212
NVNT	ac20	5500	Ant1	17.761
NVNT	ac20	5600	Ant1	19.225
NVNT	ac20	5700	Ant1	17.608
NVNT	ac40	5510	Ant1	36.5
NVNT	ac40	5590	Ant1	36.89
NVNT	ac40	5670	Ant1	36.2
NVNT	ac80	5530	Ant1	75.88
NVNT	ac80	5610	Ant1	75.856
NVNT	ax20	5500	Ant1	18.694
NVNT	ax20	5600	Ant1	18.748
NVNT	ax20	5700	Ant1	18.724
NVNT	ax40	5510	Ant1	37.556
NVNT	ax40	5590	Ant1	37.544
NVNT	ax40	5670	Ant1	37.514
NVNT	ax80	5530	Ant1	77.308
NVNT	ax80	5610	Ant1	77.296

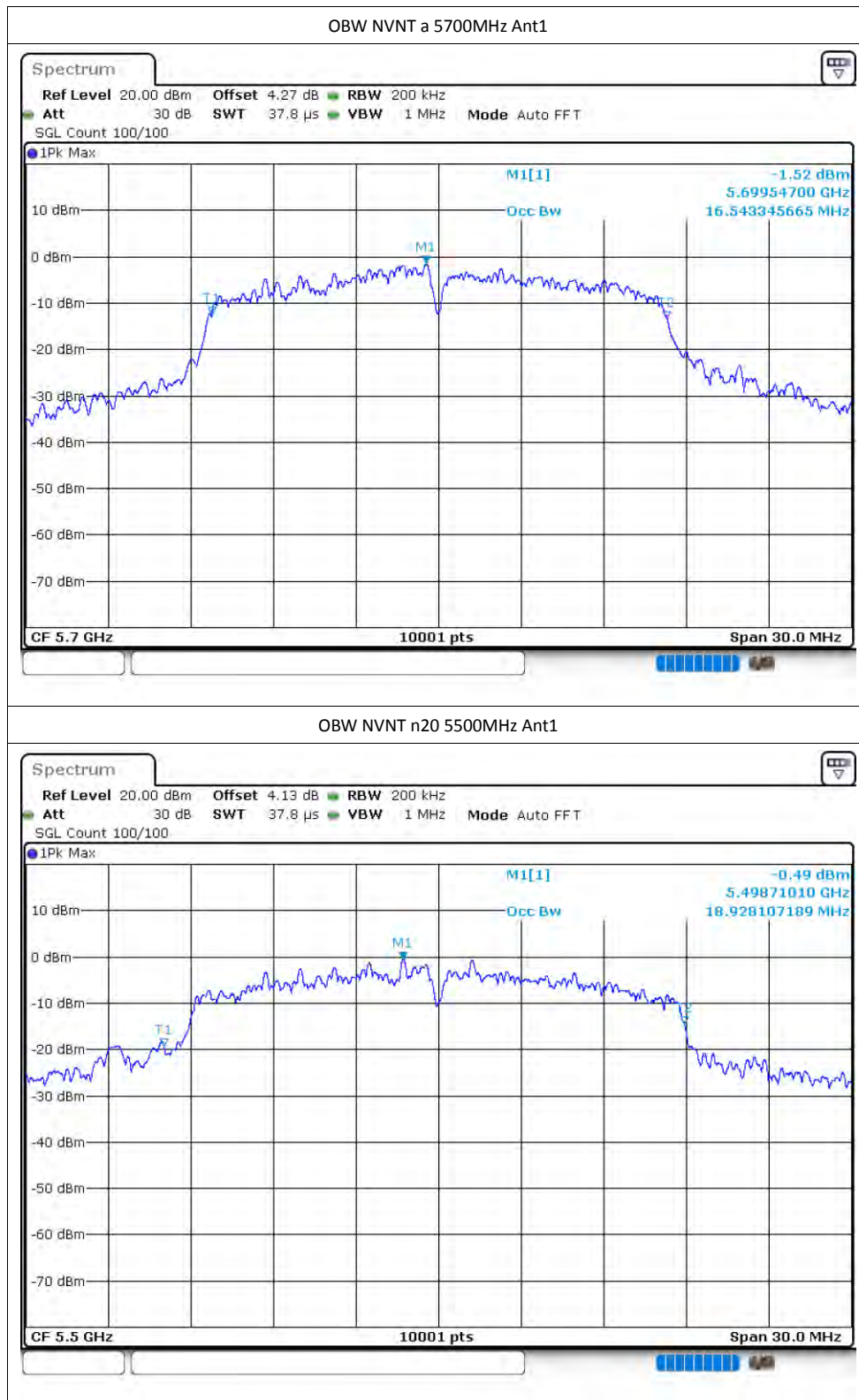
Test Graphs

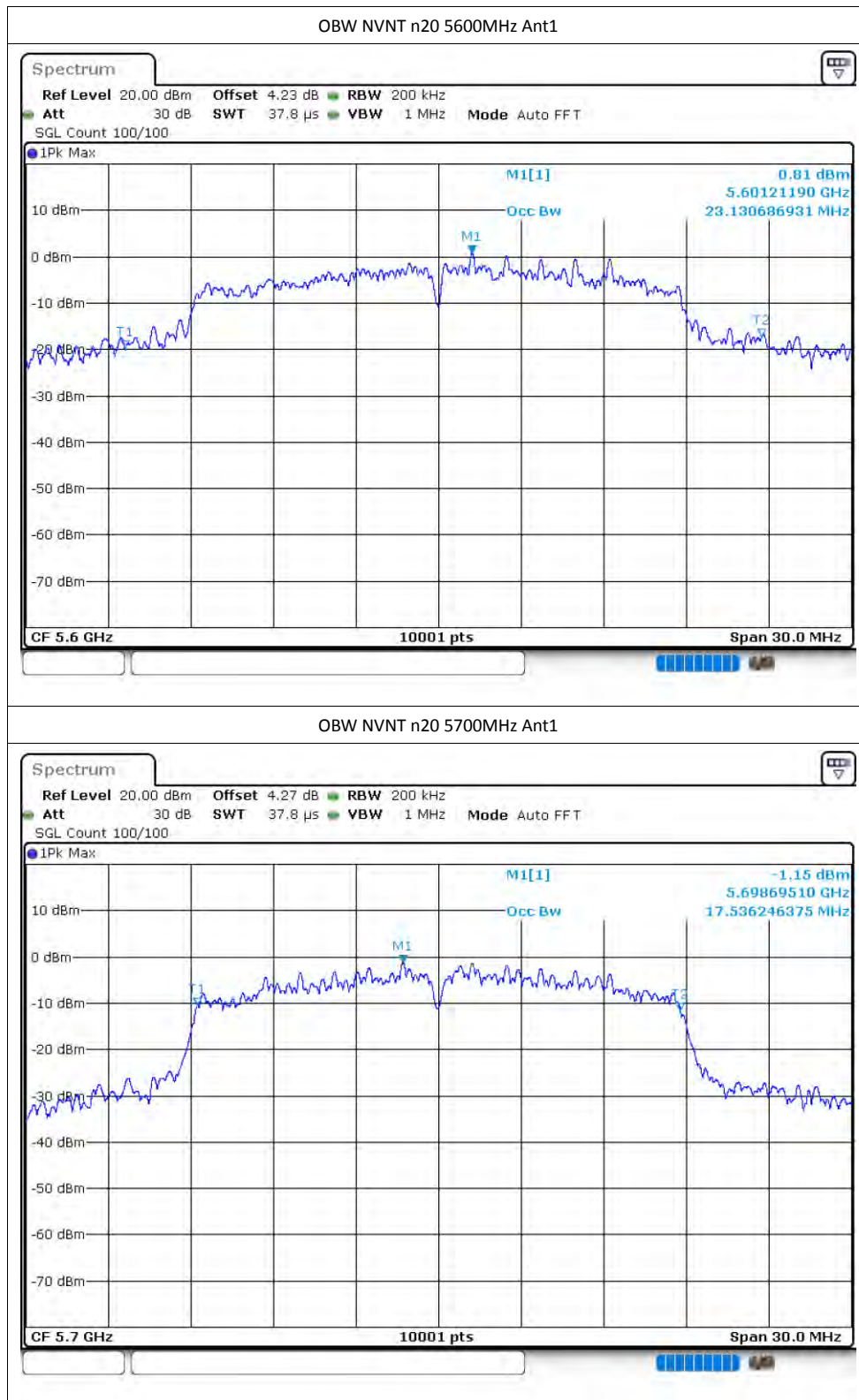
OBW NVNT a 5500MHz Ant1

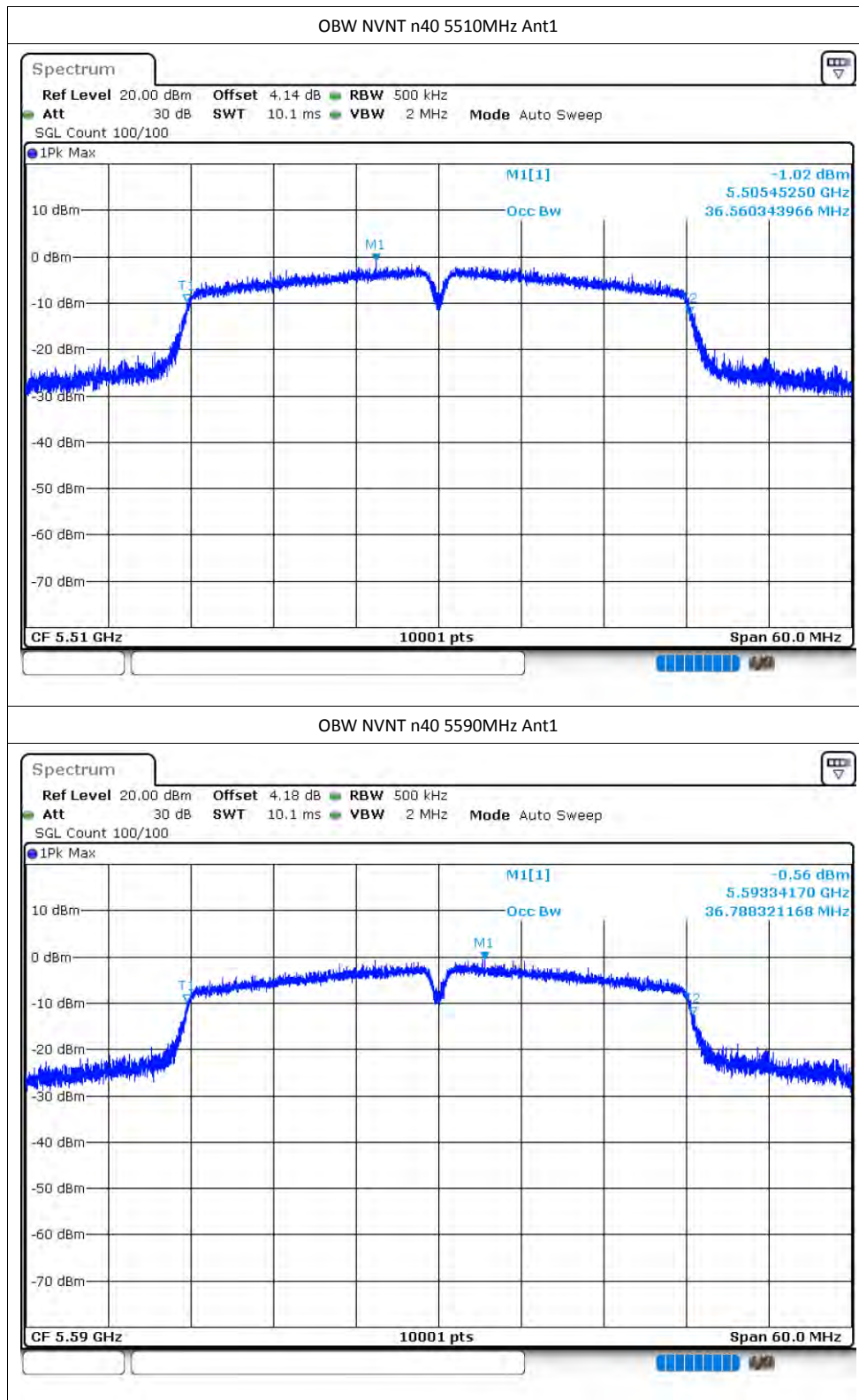


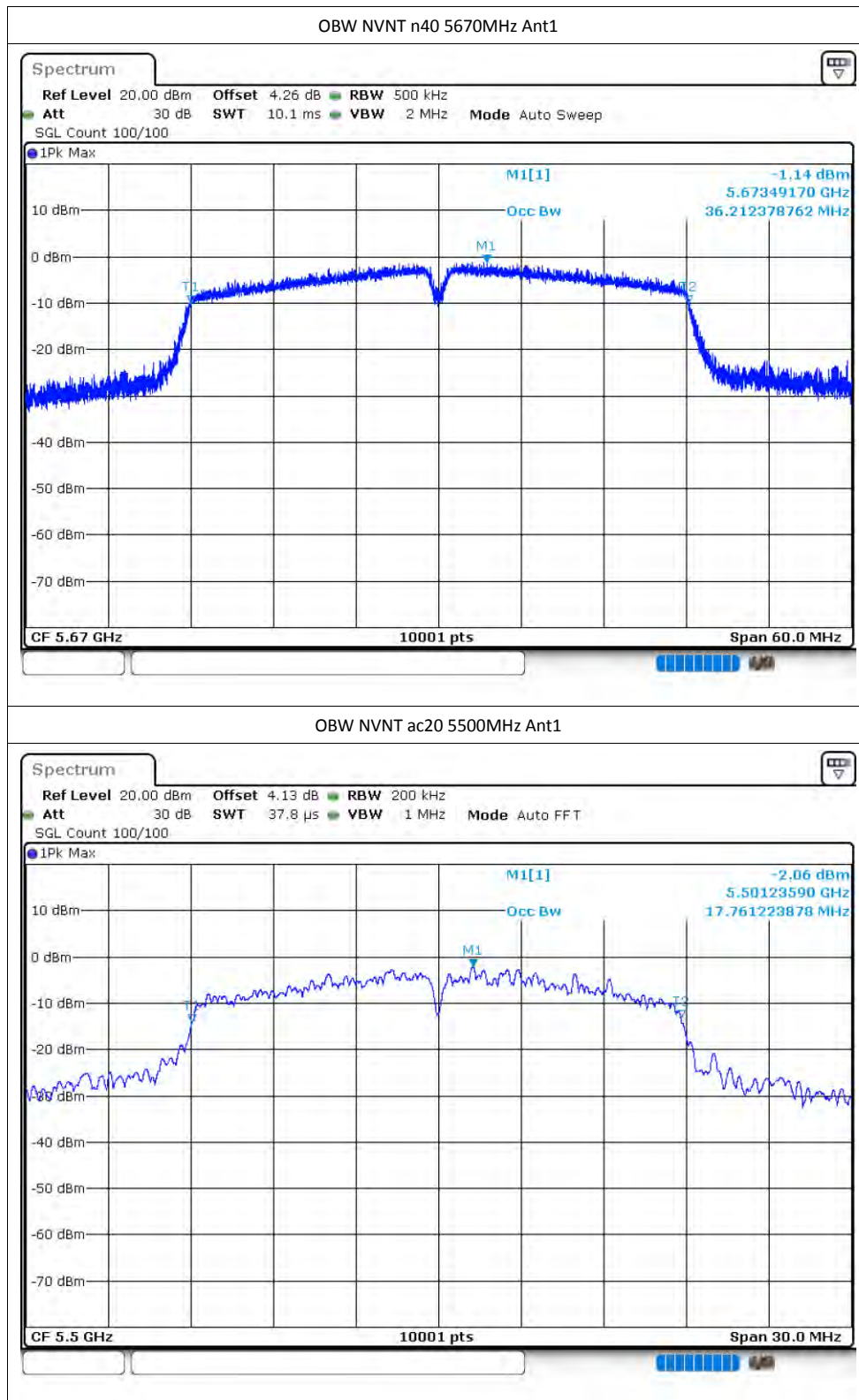
OBW NVNT a 5600MHz Ant1

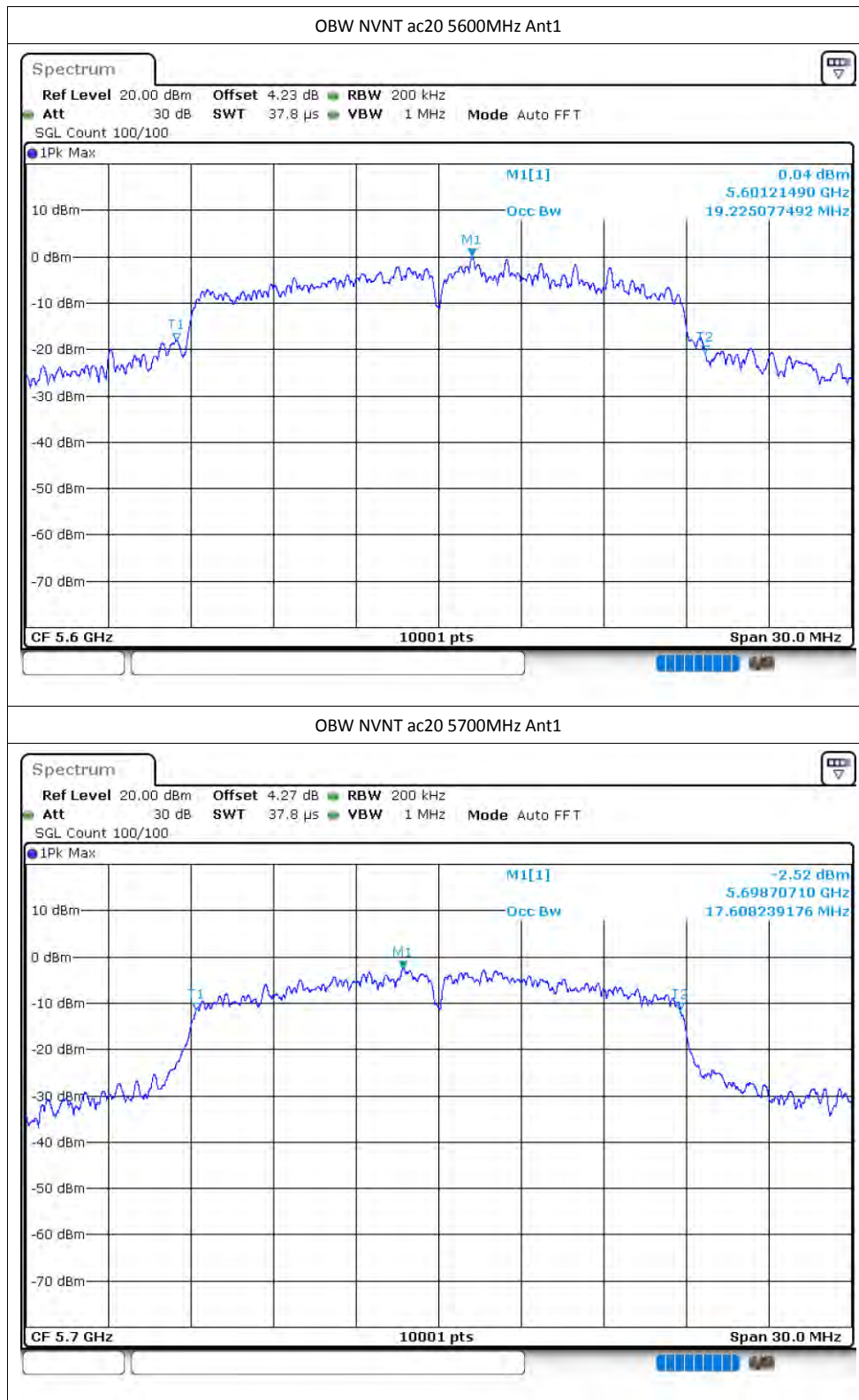


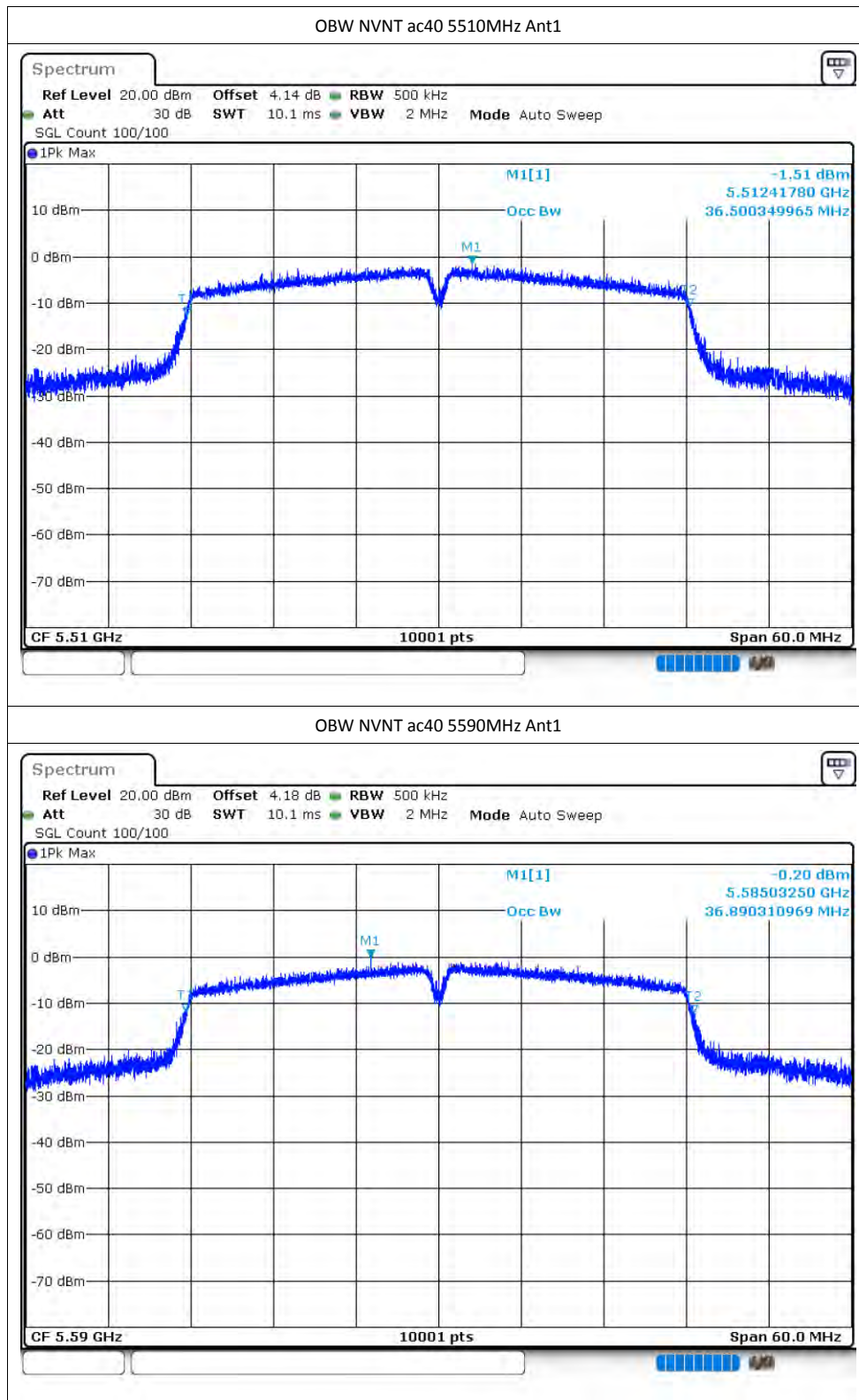


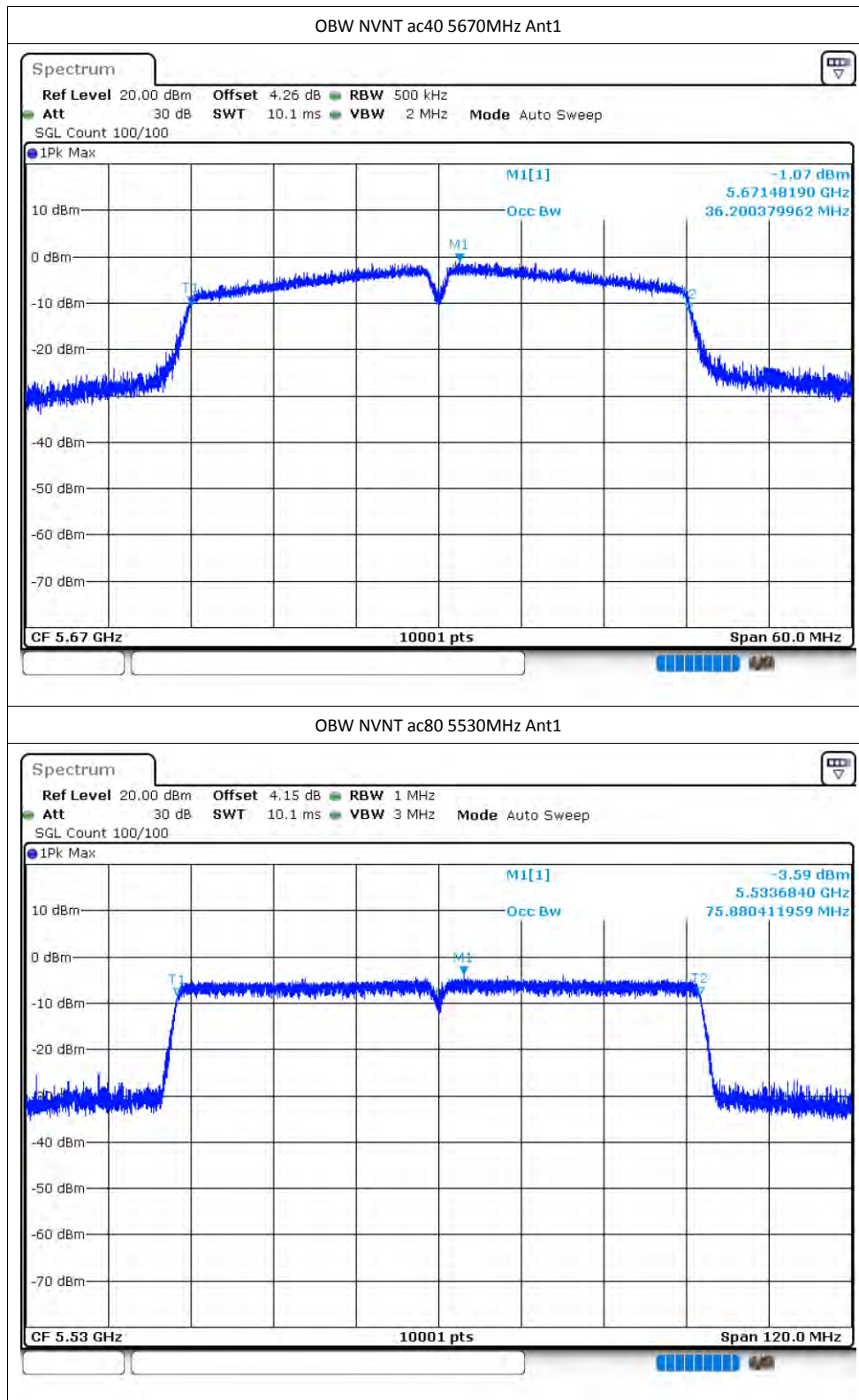


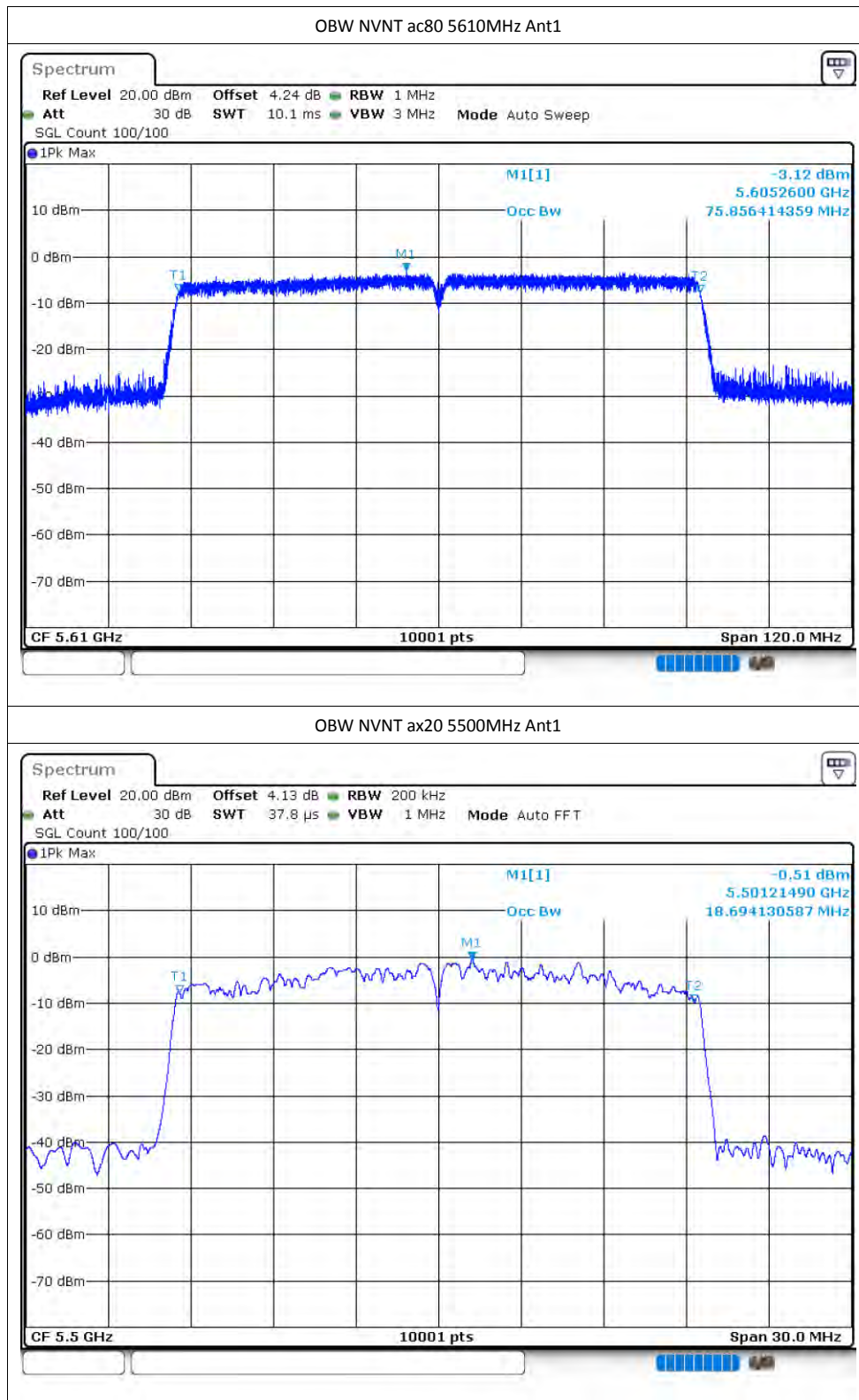


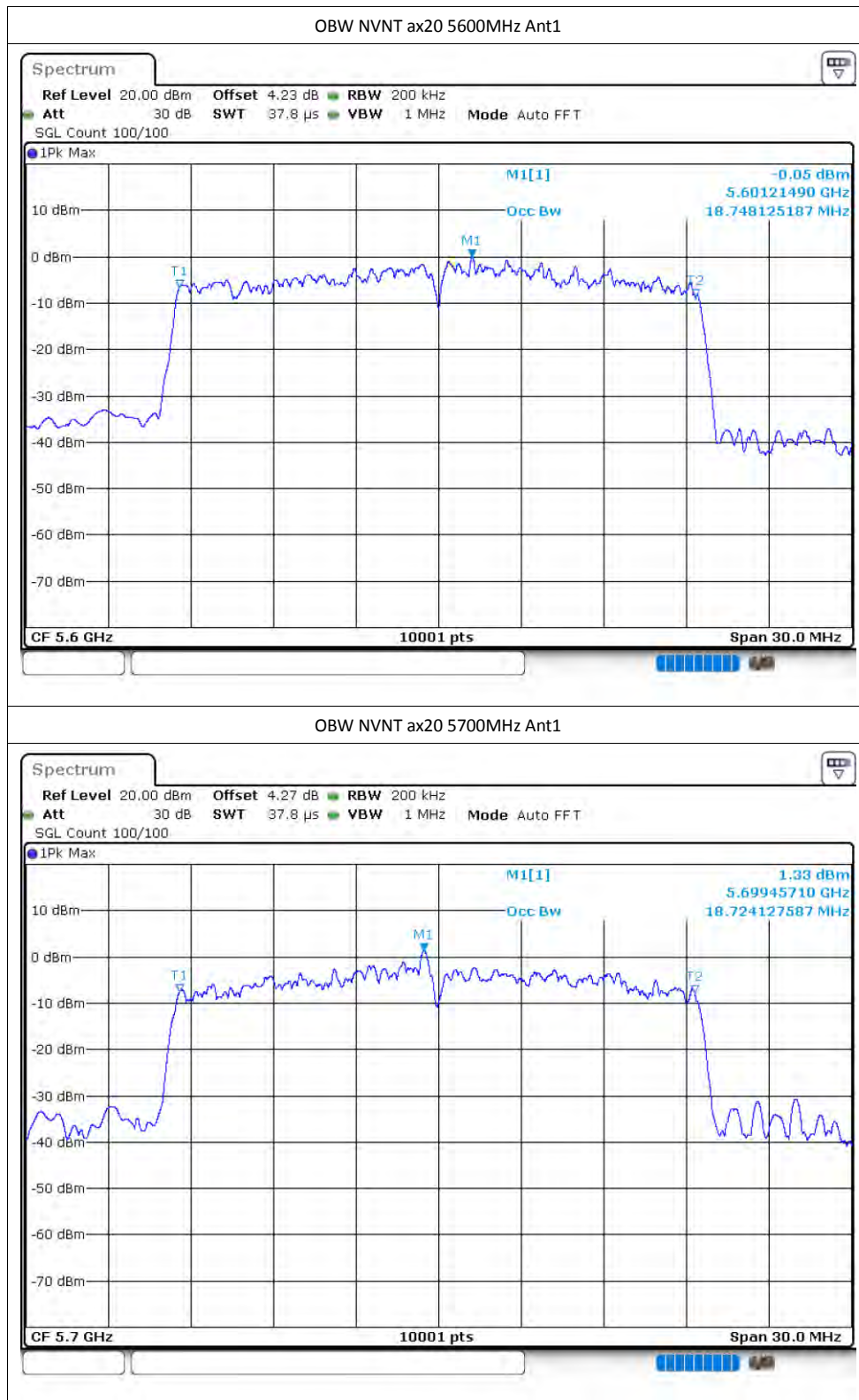


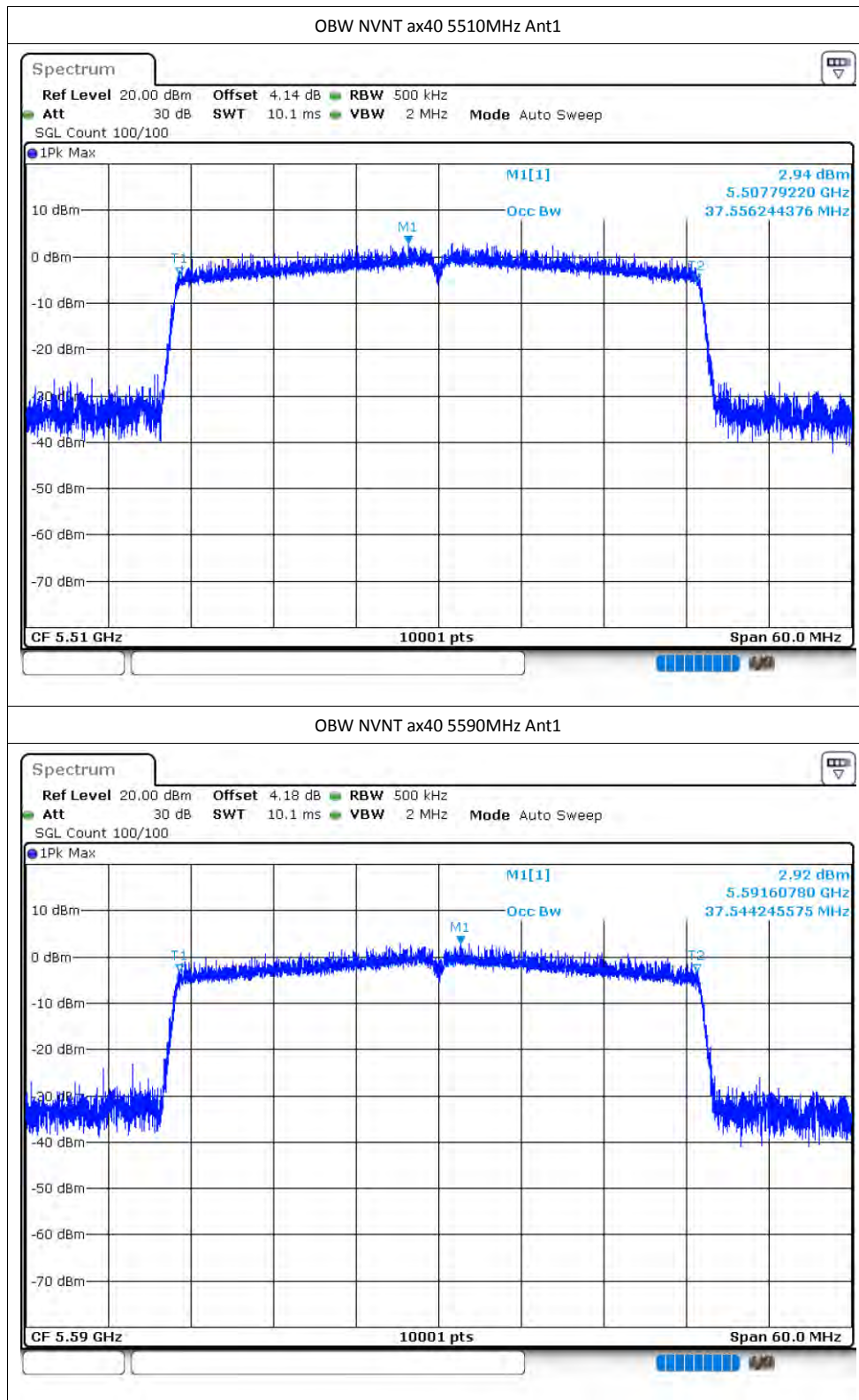


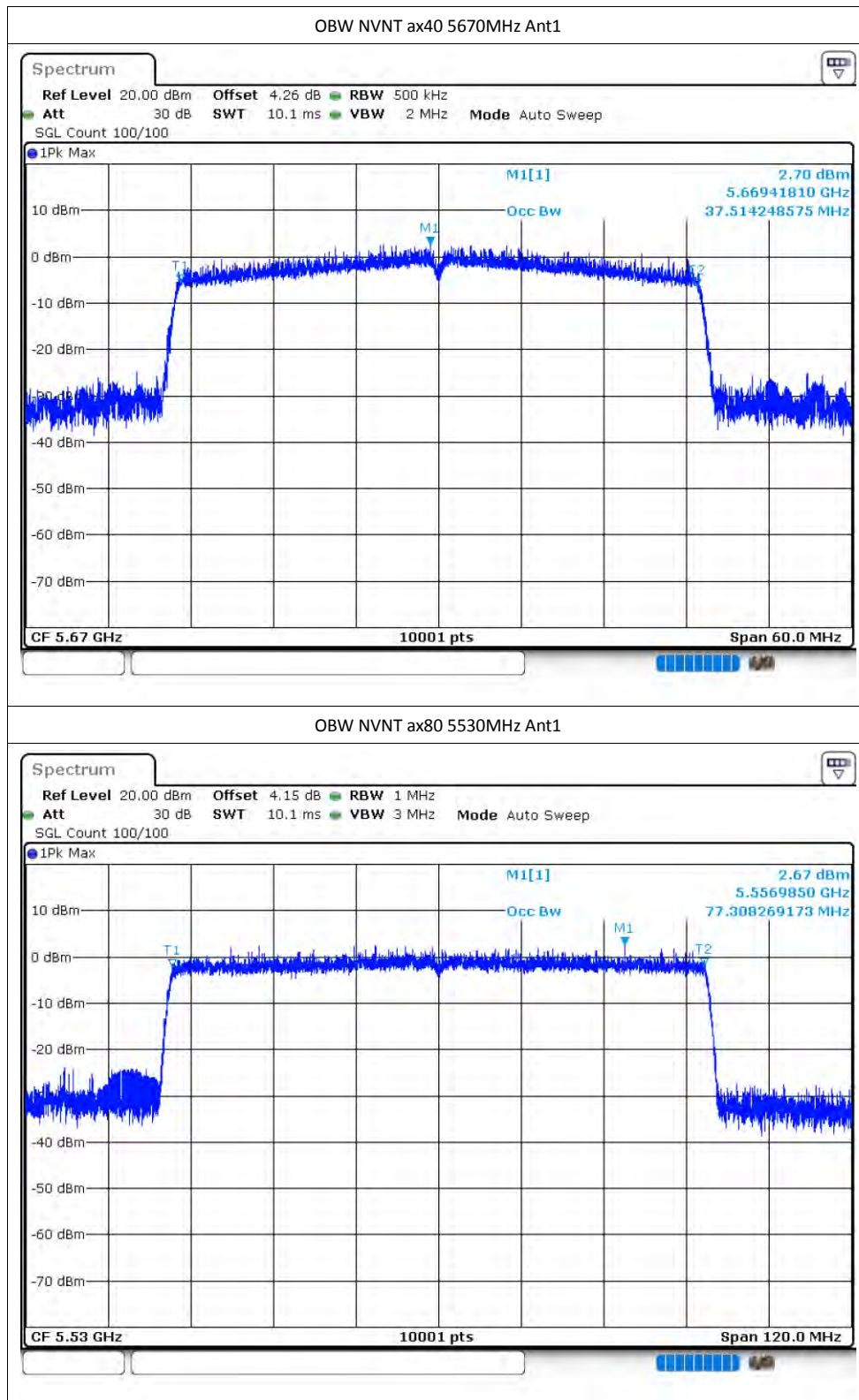


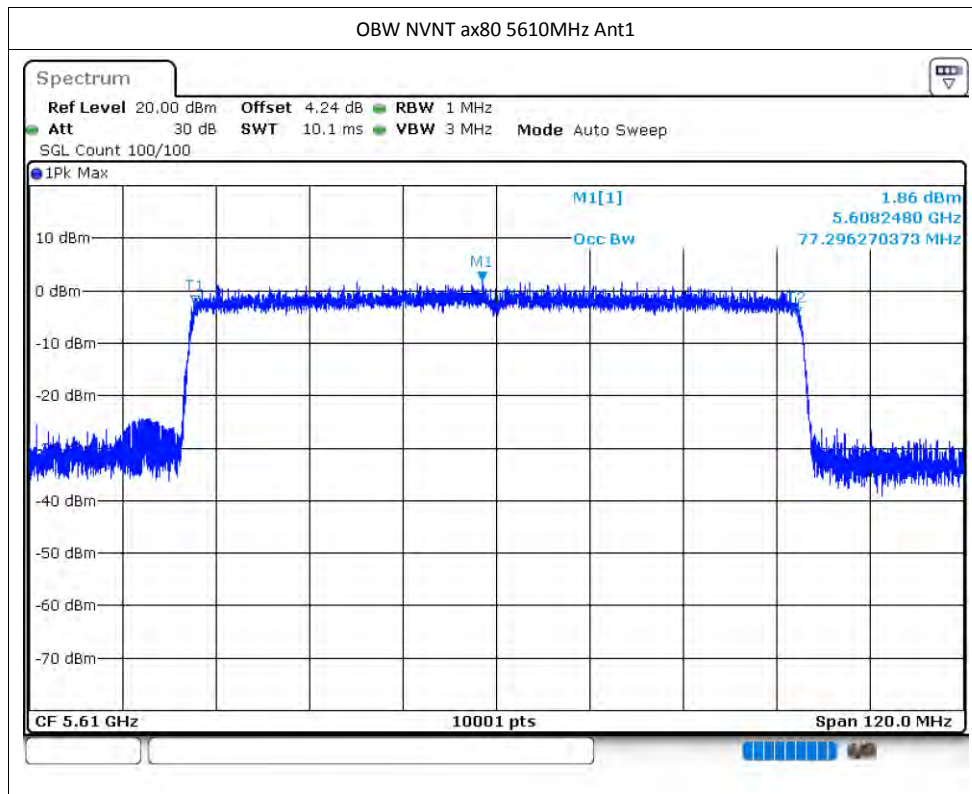










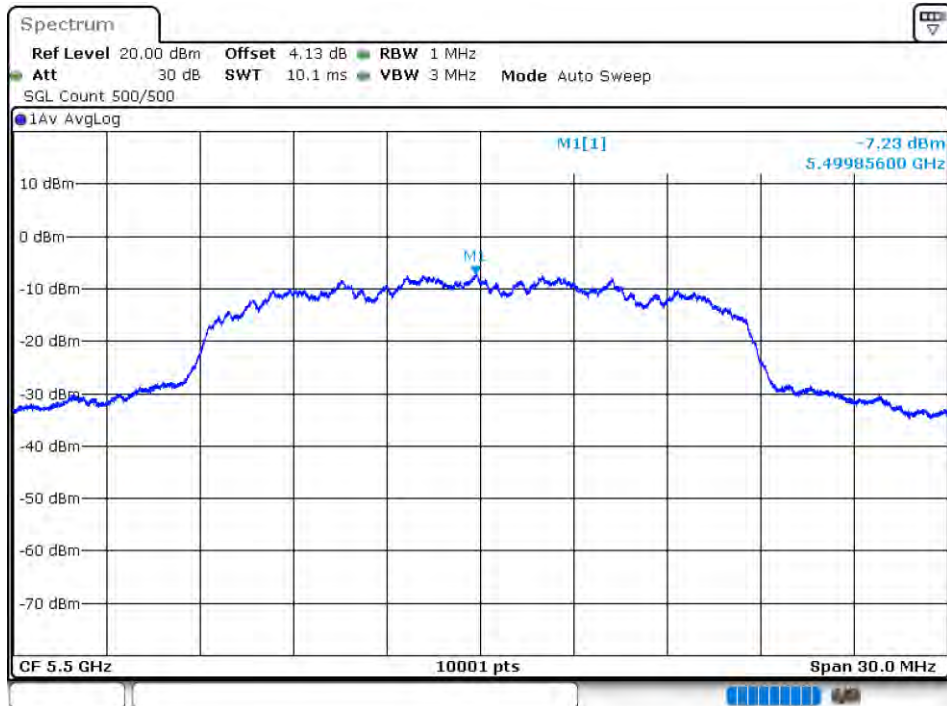


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-7.23	0.46	-6.77	11	Pass
NVNT	a	5600	Ant1	-5.3	0.46	-4.84	11	Pass
NVNT	a	5700	Ant1	-7.77	0.46	-7.31	11	Pass
NVNT	n20	5500	Ant1	-7.67	0.49	-7.18	11	Pass
NVNT	n20	5600	Ant1	-6.74	0.48	-6.26	11	Pass
NVNT	n20	5700	Ant1	-8.48	0.49	-7.99	11	Pass
NVNT	n40	5510	Ant1	-16.44	0.92	-15.52	11	Pass
NVNT	n40	5590	Ant1	-15.87	0.92	-14.95	11	Pass
NVNT	n40	5670	Ant1	-16.38	0.92	-15.46	11	Pass
NVNT	ac20	5500	Ant1	-8.24	0.48	-7.76	11	Pass
NVNT	ac20	5600	Ant1	-5.45	0.48	-4.97	11	Pass
NVNT	ac20	5700	Ant1	-8.43	0.49	-7.94	11	Pass
NVNT	ac40	5510	Ant1	-16.74	0.91	-15.83	11	Pass
NVNT	ac40	5590	Ant1	-15.72	0.91	-14.81	11	Pass
NVNT	ac40	5670	Ant1	-15.77	0.91	-14.86	11	Pass
NVNT	ac80	5530	Ant1	-27.35	1.94	-25.41	11	Pass
NVNT	ac80	5610	Ant1	-26.19	1.77	-24.42	11	Pass
NVNT	ax20	5500	Ant1	-9.09	0.61	-8.48	11	Pass
NVNT	ax20	5600	Ant1	-9.41	0.61	-8.8	11	Pass
NVNT	ax20	5700	Ant1	-9.56	0.6	-8.96	11	Pass
NVNT	ax40	5510	Ant1	-13.88	1.07	-12.81	11	Pass
NVNT	ax40	5590	Ant1	-14.73	1.07	-13.66	11	Pass
NVNT	ax40	5670	Ant1	-14.44	1.07	-13.37	11	Pass
NVNT	ax80	5530	Ant1	-24.81	1.81	-23	11	Pass
NVNT	ax80	5610	Ant1	-25.49	1.82	-23.67	11	Pass

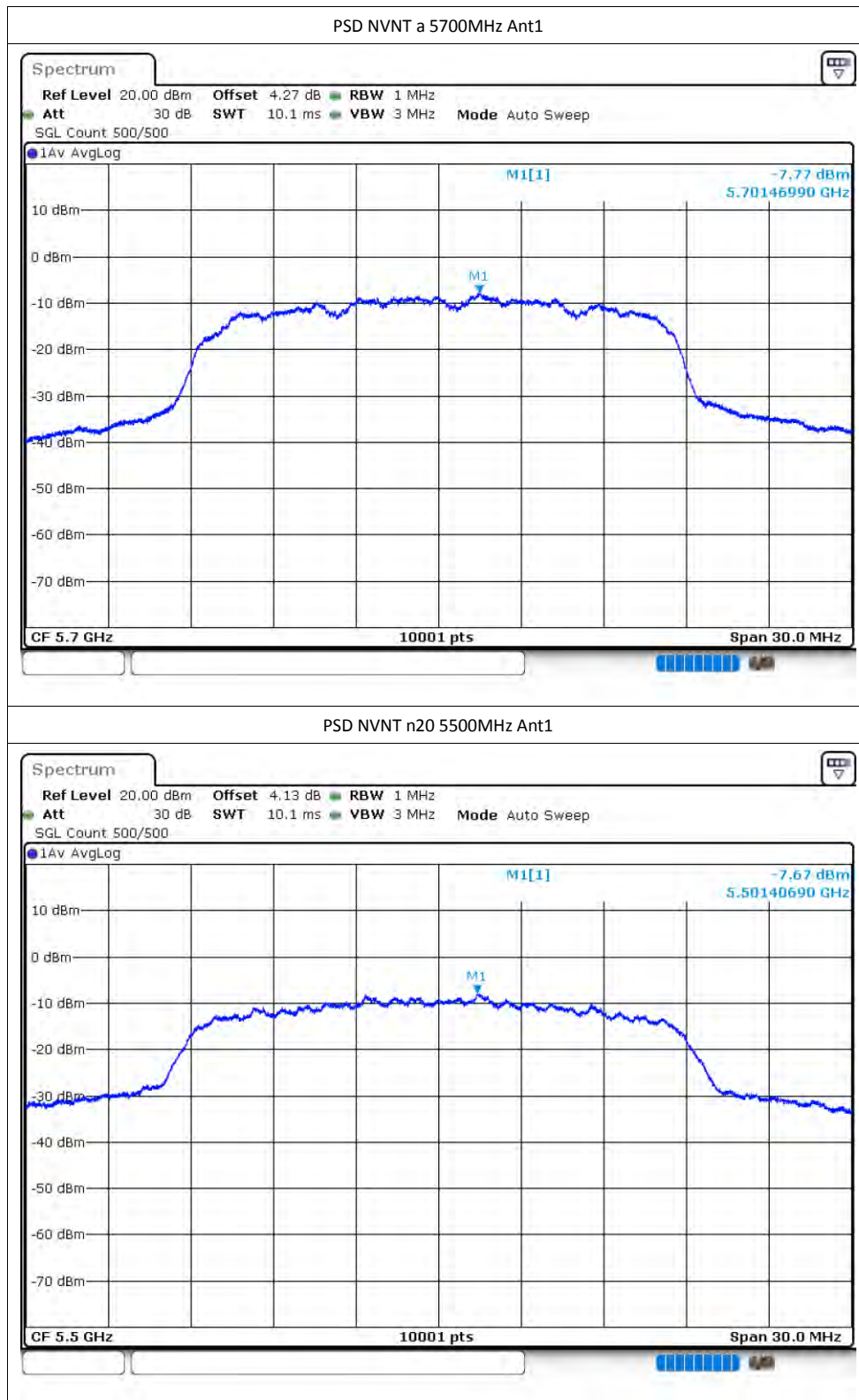
Test Graphs

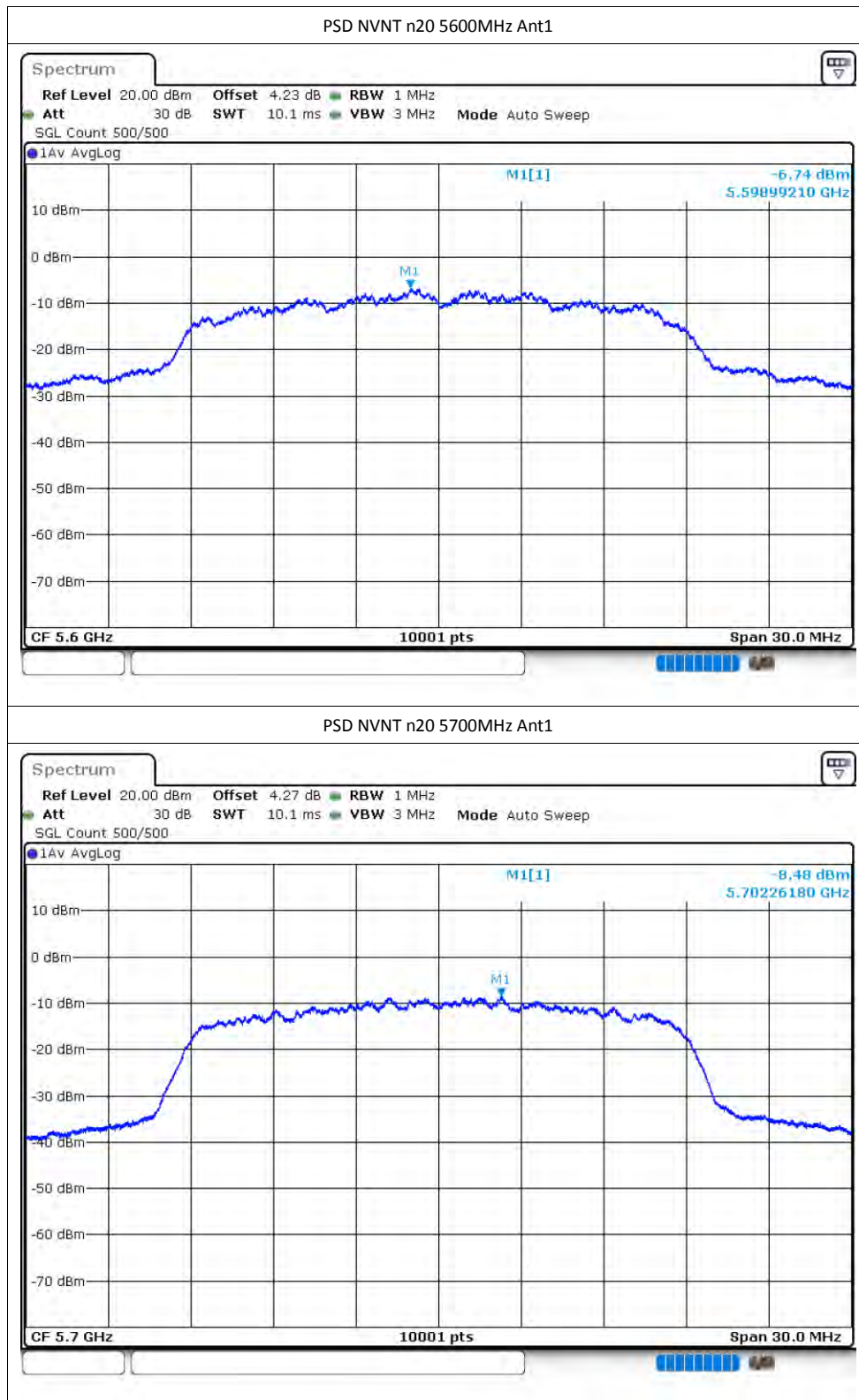
PSD NVNT a 5500MHz Ant1

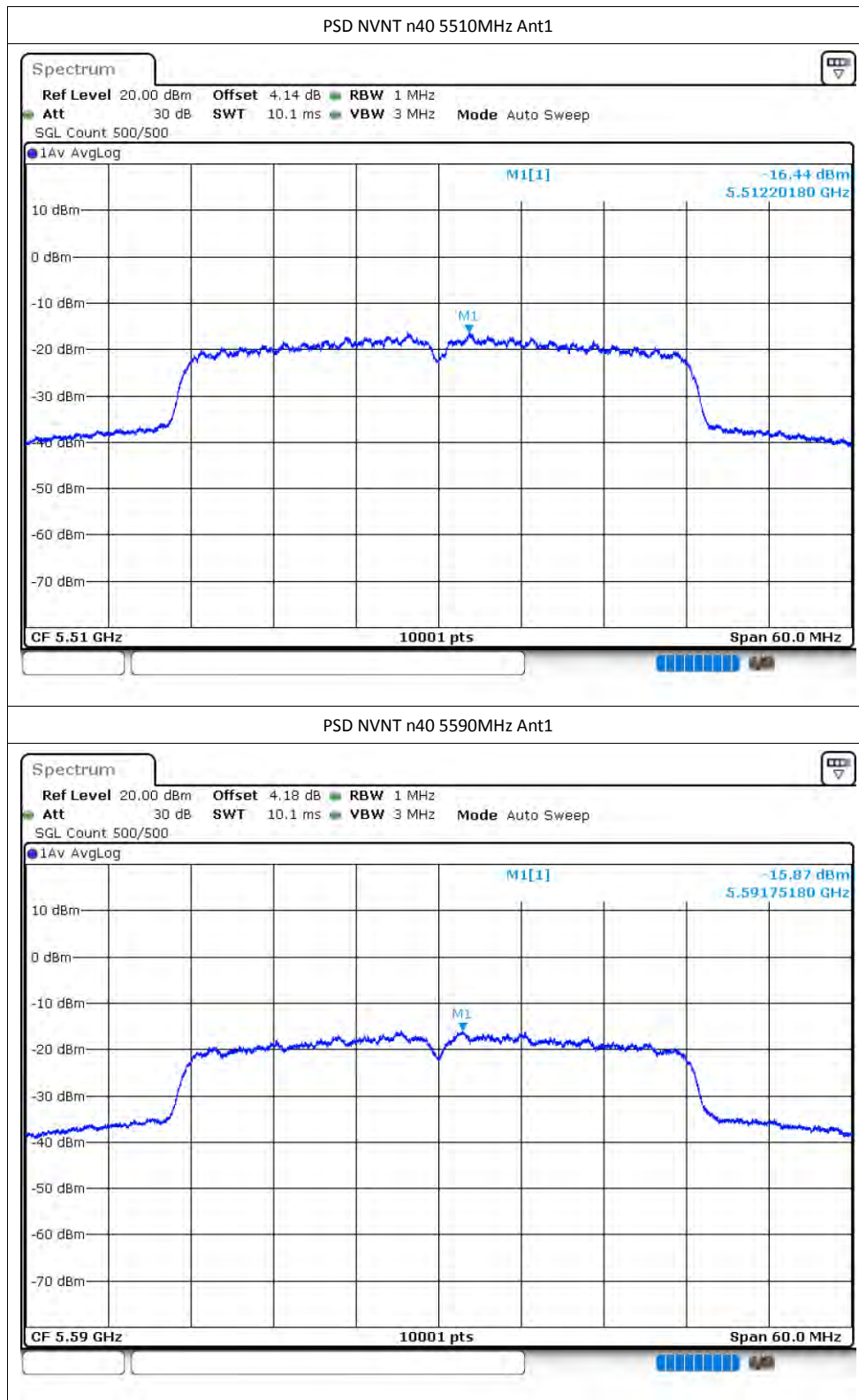


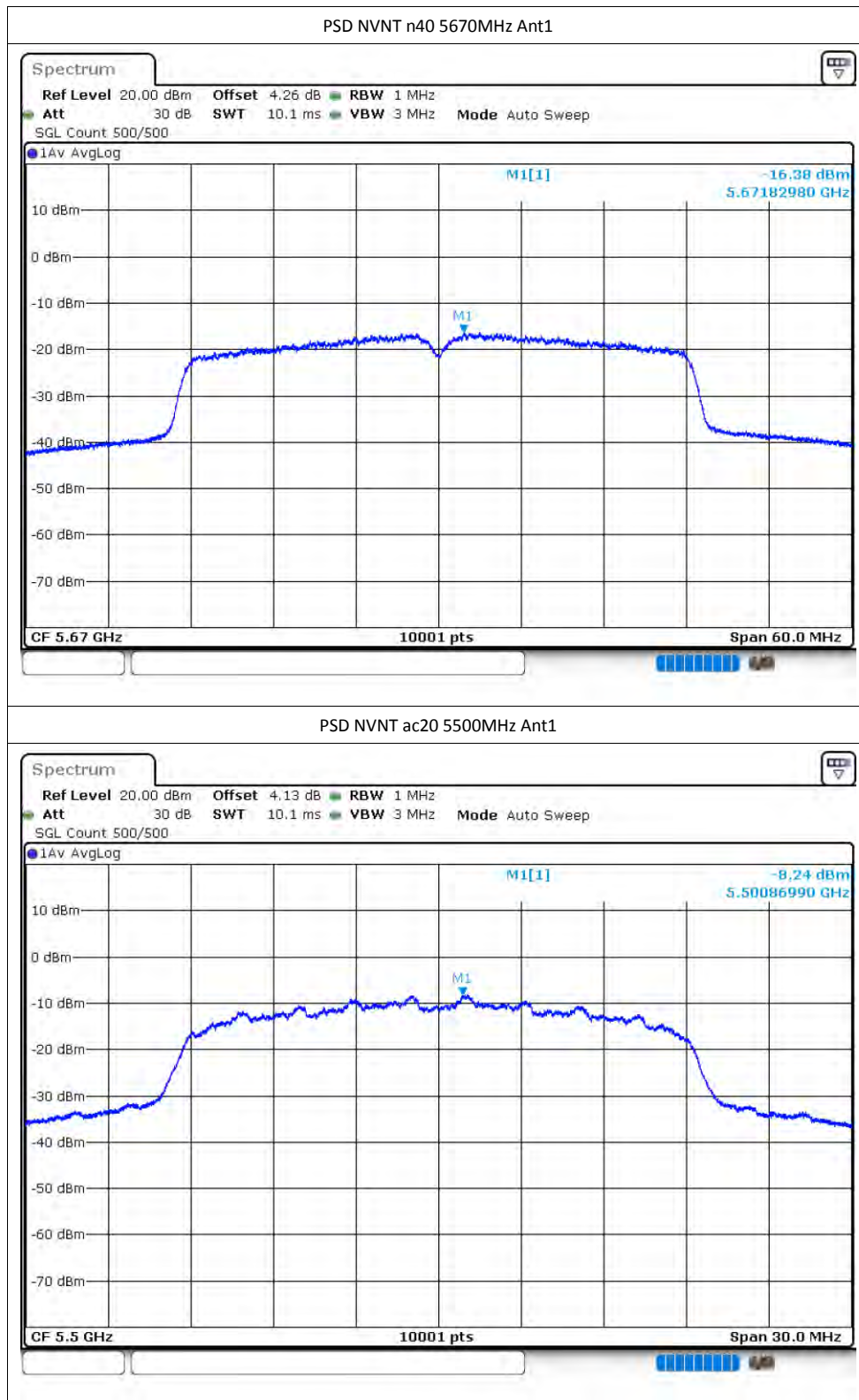
PSD NVNT a 5600MHz Ant1

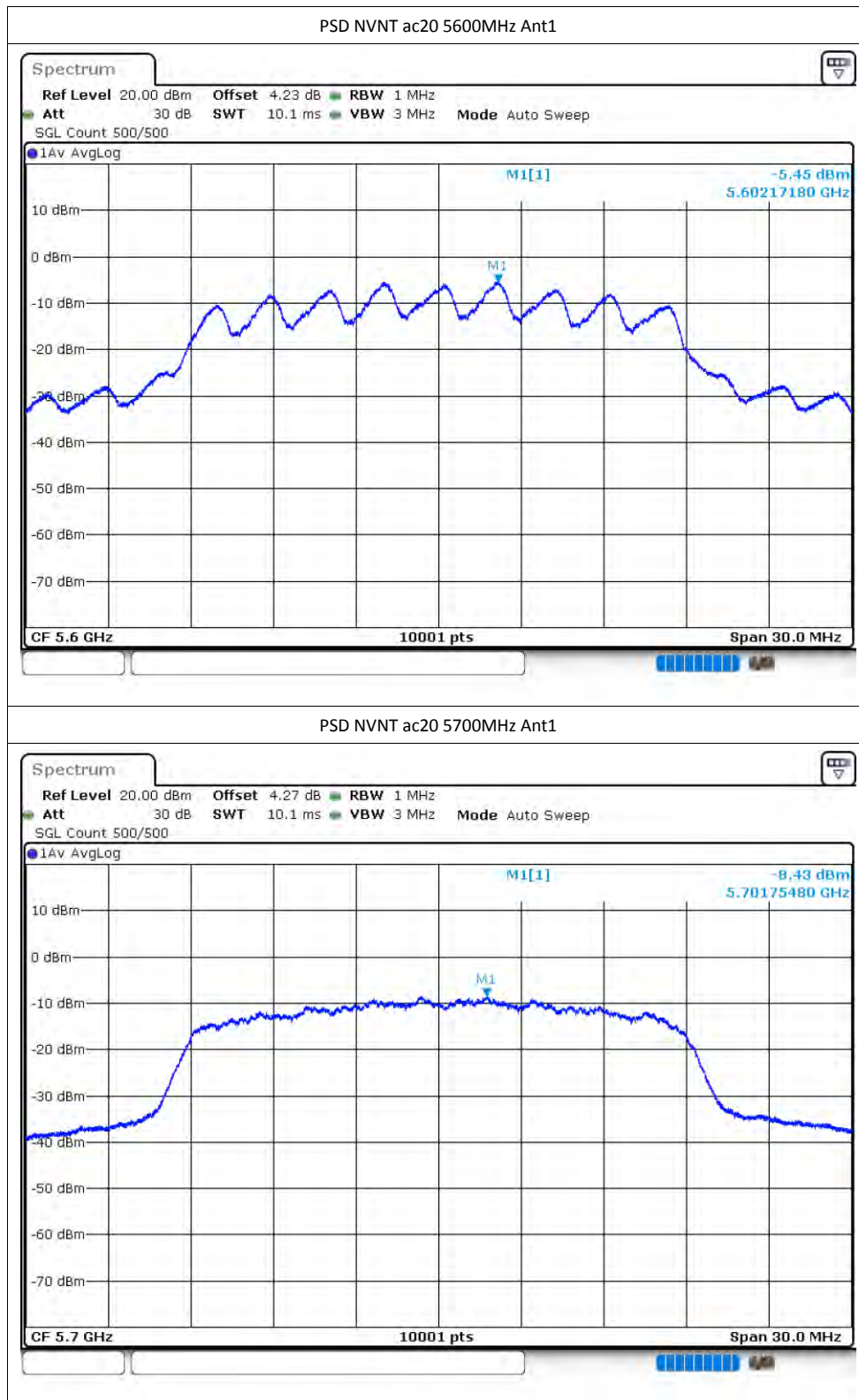


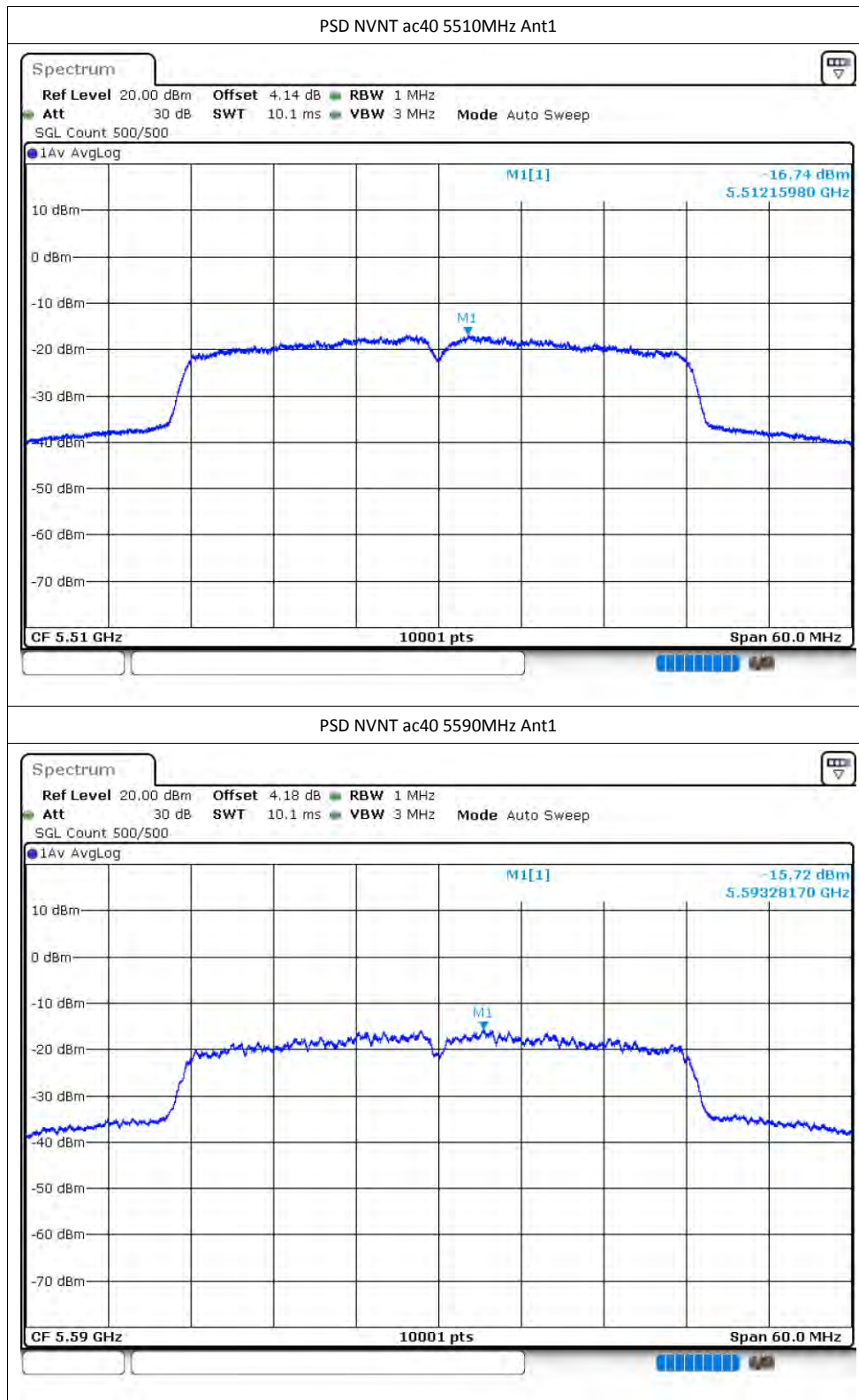


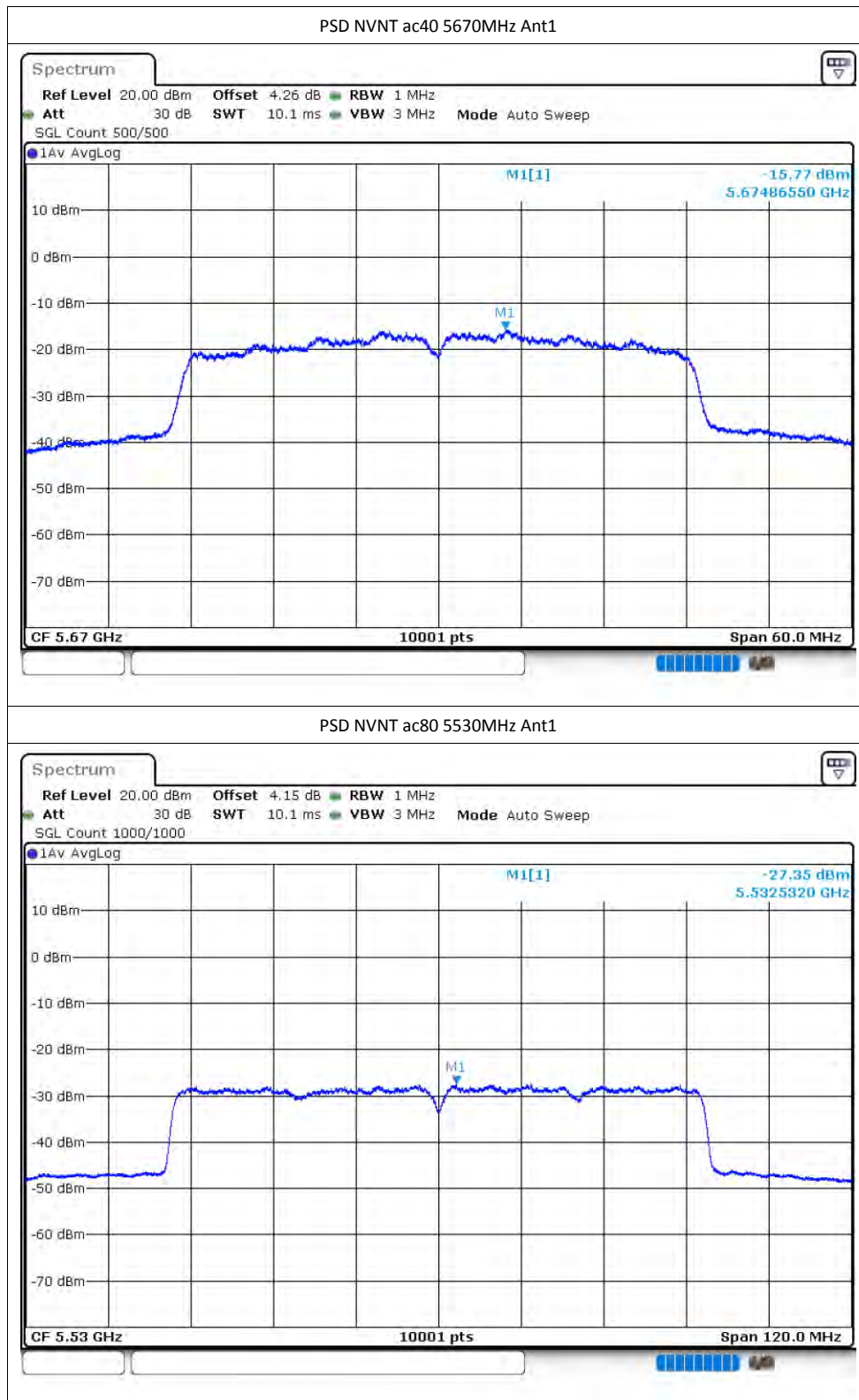


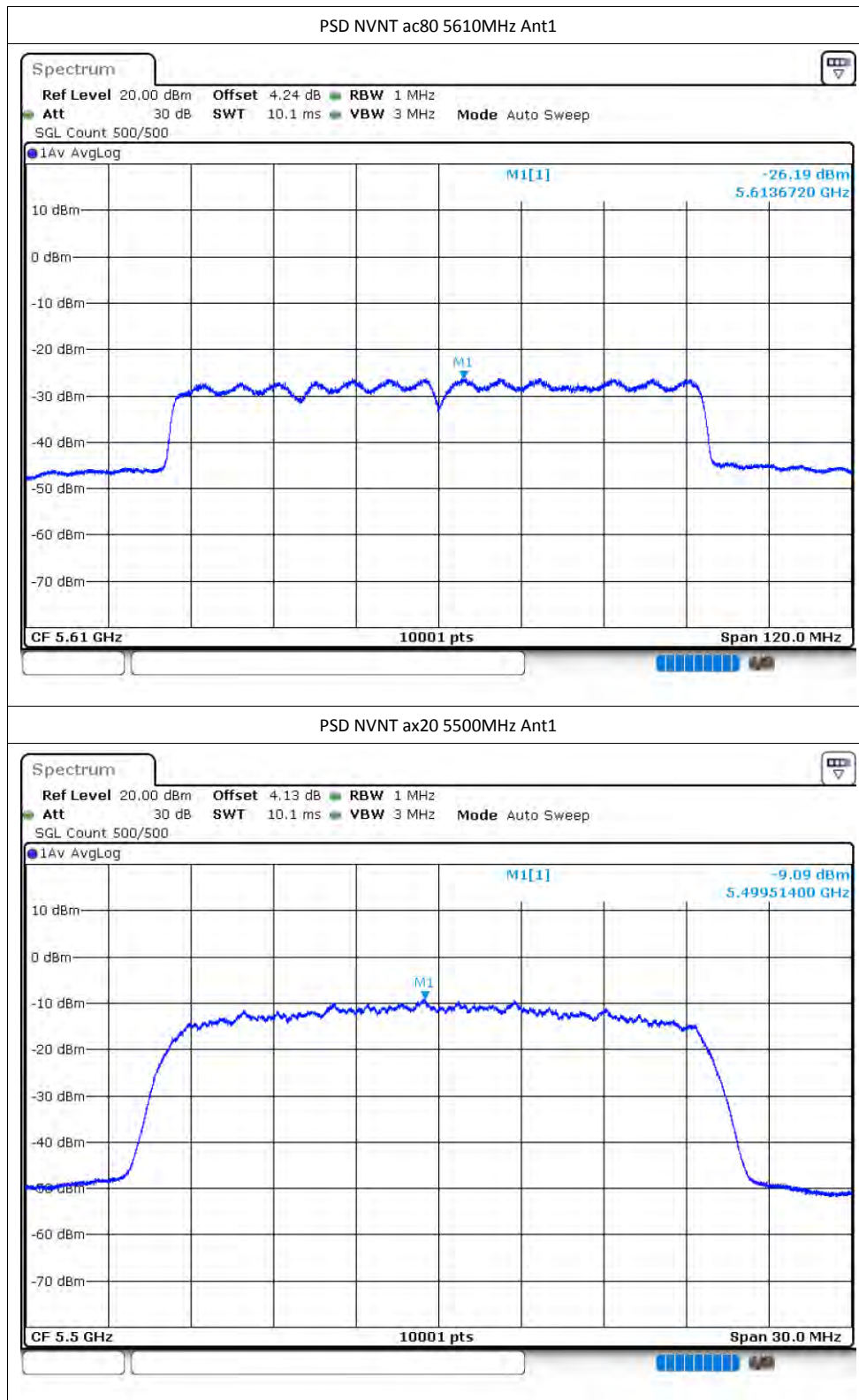


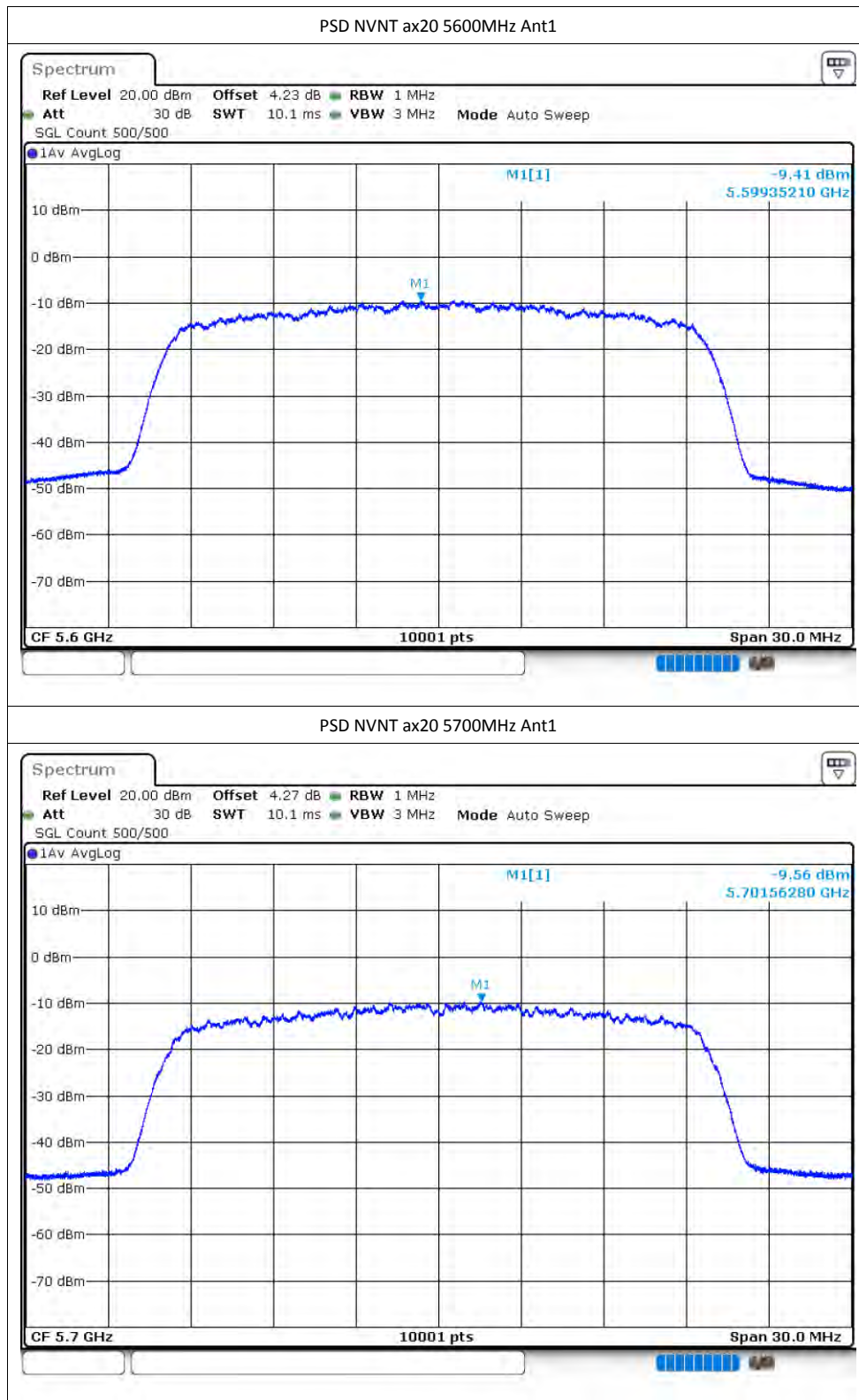








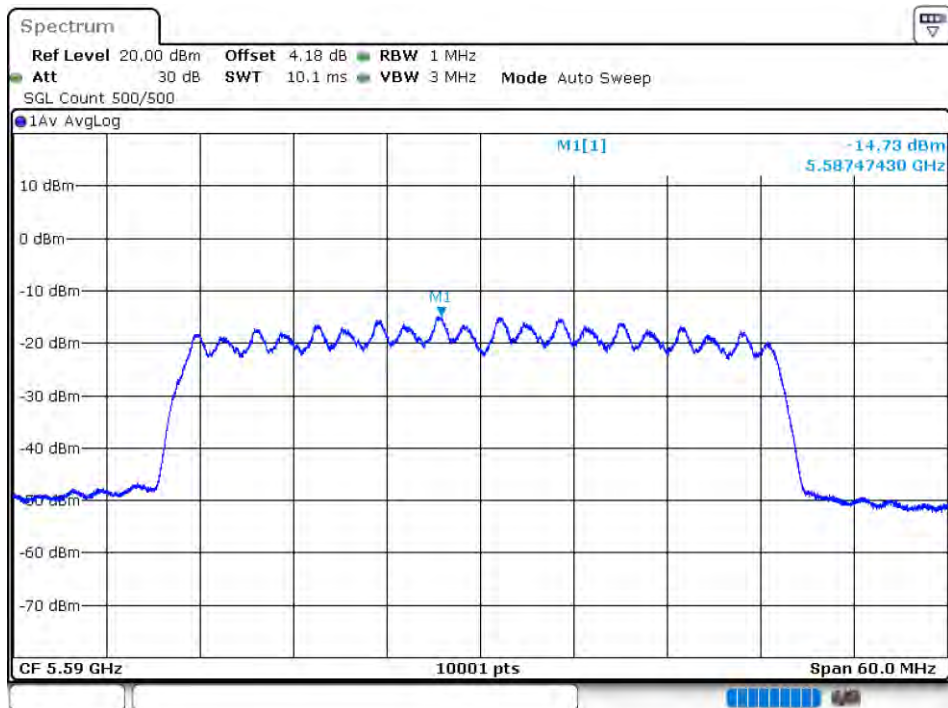


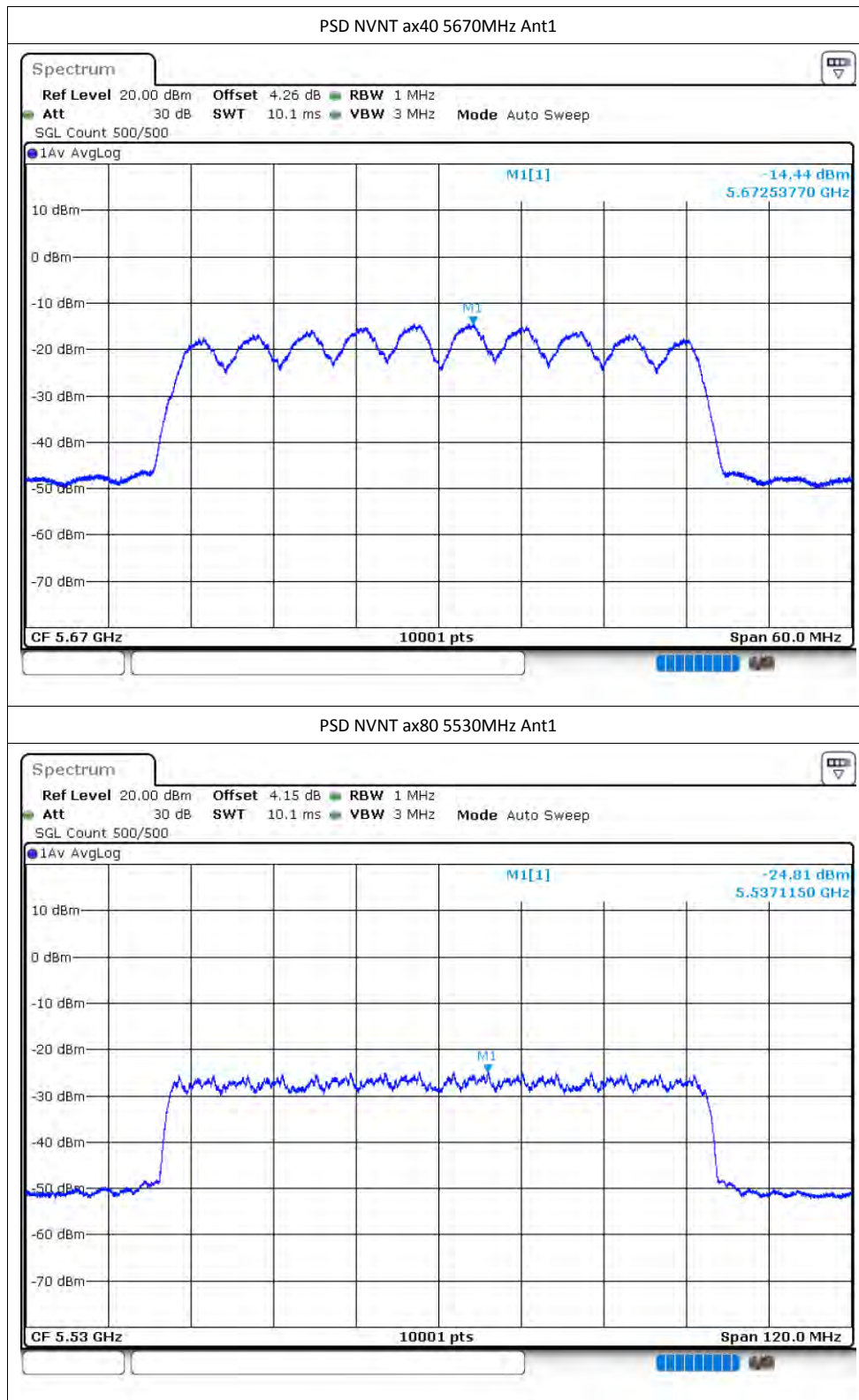


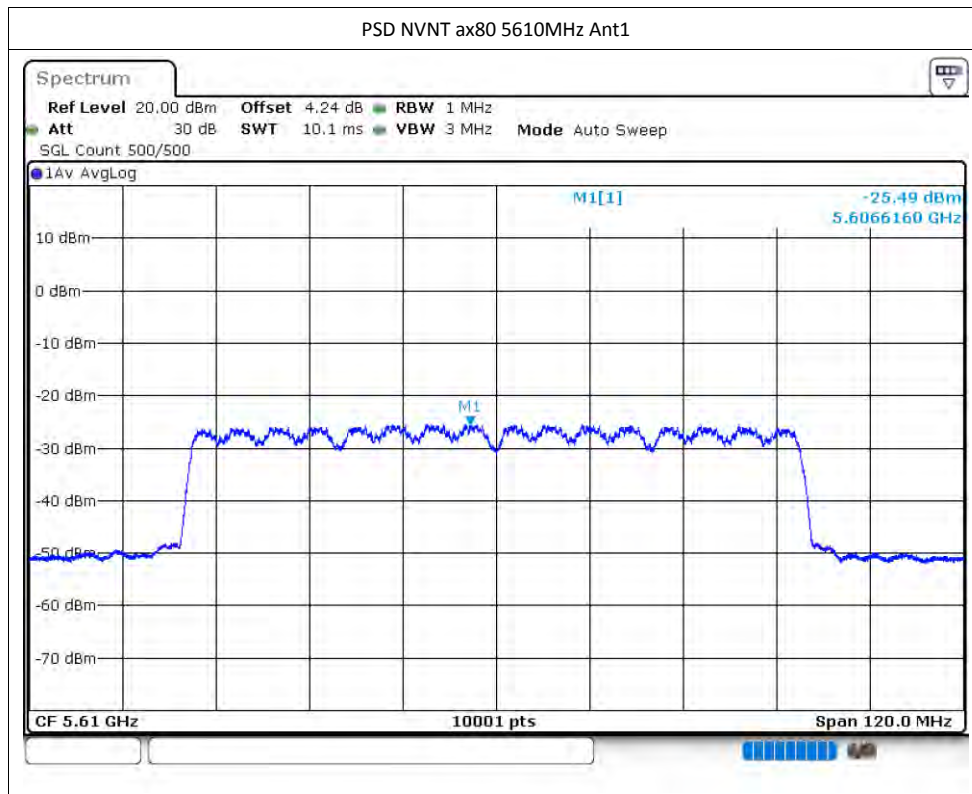
PSD NVNT ax40 5510MHz Ant1



PSD NVNT ax40 5590MHz Ant1







Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-32.17	-27	Pass
NVNT	a	5700	Ant1	-35.7	-27	Pass
NVNT	n20	5500	Ant1	-32.94	-27	Pass
NVNT	n20	5700	Ant1	-35.36	-27	Pass
NVNT	n40	5510	Ant1	-28.1	-27	Pass
NVNT	n40	5670	Ant1	-38.76	-27	Pass
NVNT	ac20	5500	Ant1	-34.12	-27	Pass
NVNT	ac20	5700	Ant1	-37.74	-27	Pass
NVNT	ac40	5510	Ant1	-28.01	-27	Pass
NVNT	ac40	5670	Ant1	-36.3	-27	Pass
NVNT	ac80	5530	Ant1	-28.74	-27	Pass
NVNT	ac80	5610	Ant1	-40.41	-27	Pass
NVNT	ax20	5500	Ant1	-34.29	-27	Pass
NVNT	ax20	5700	Ant1	-33.12	-27	Pass
NVNT	ax40	5510	Ant1	-28.31	-27	Pass
NVNT	ax40	5670	Ant1	-35.79	-27	Pass
NVNT	ax80	5530	Ant1	-27.54	-27	Pass
NVNT	ax80	5610	Ant1	-38.11	-27	Pass

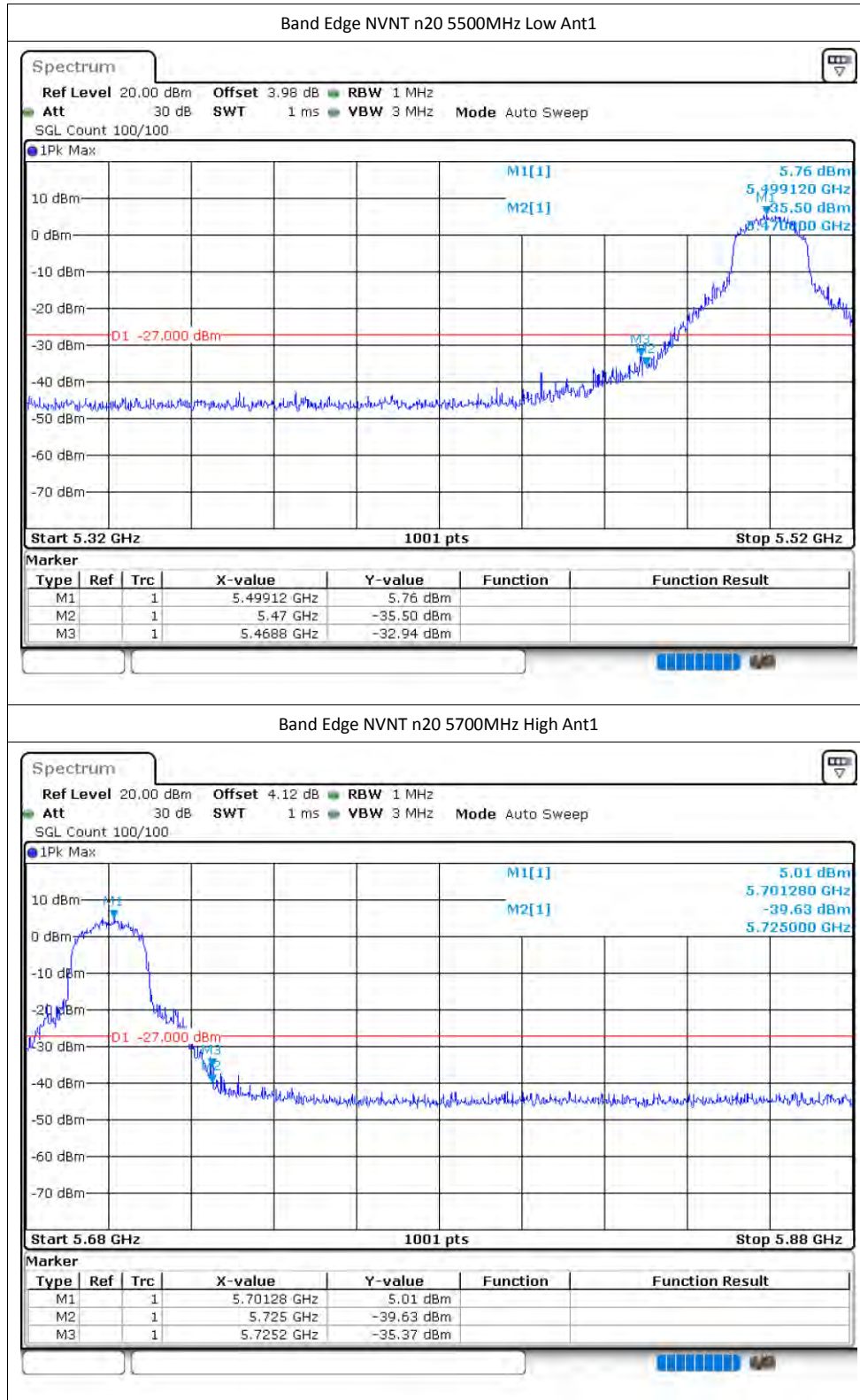
Test Graphs

Band Edge NVNT a 5500MHz Low Ant1

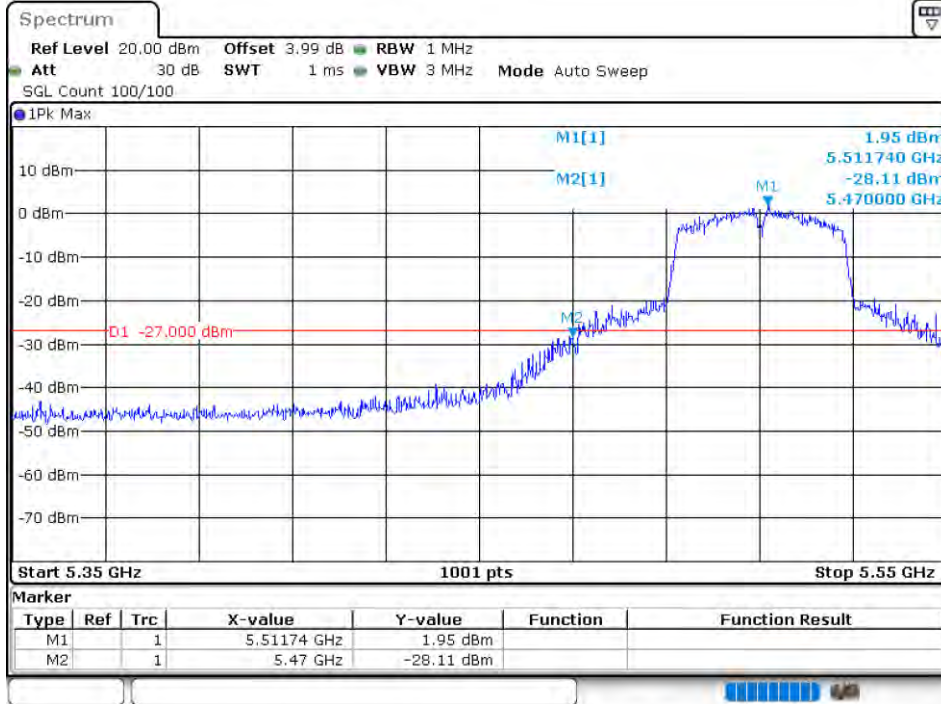


Band Edge NVNT a 5700MHz High Ant1



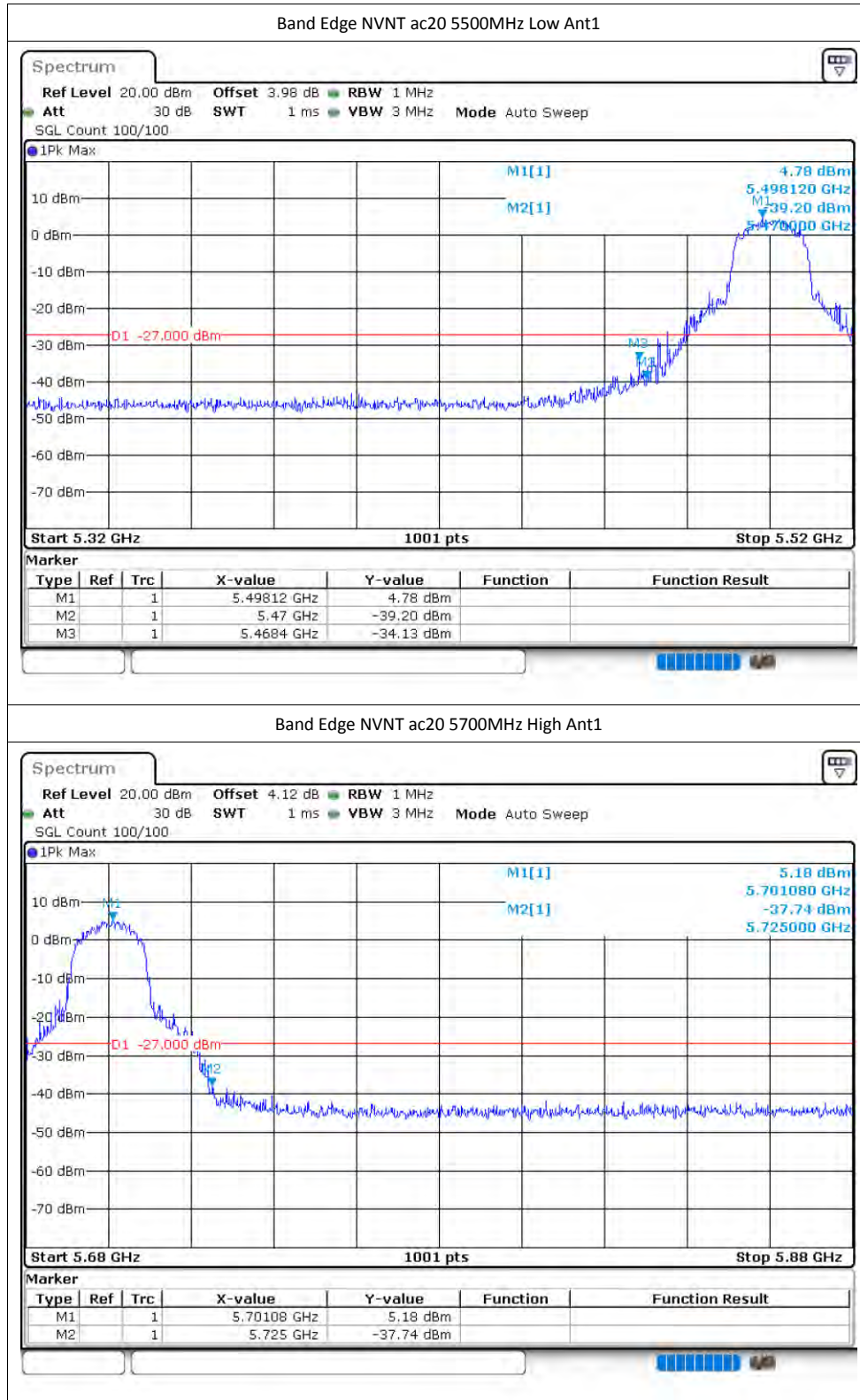


Band Edge NVNT n40 5510MHz Low Ant1

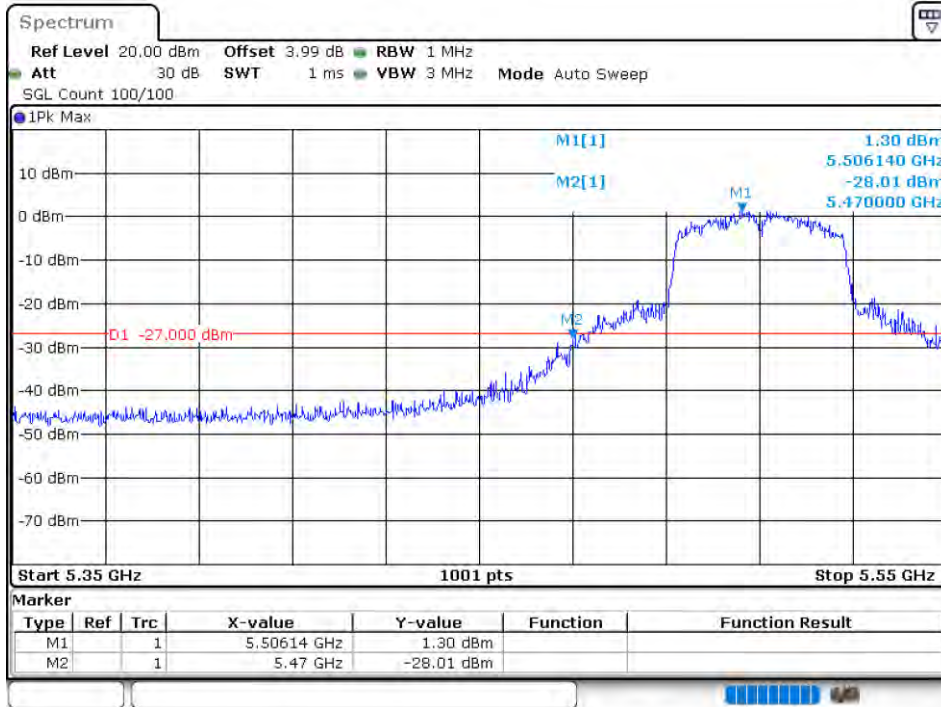


Band Edge NVNT n40 5670MHz High Ant1

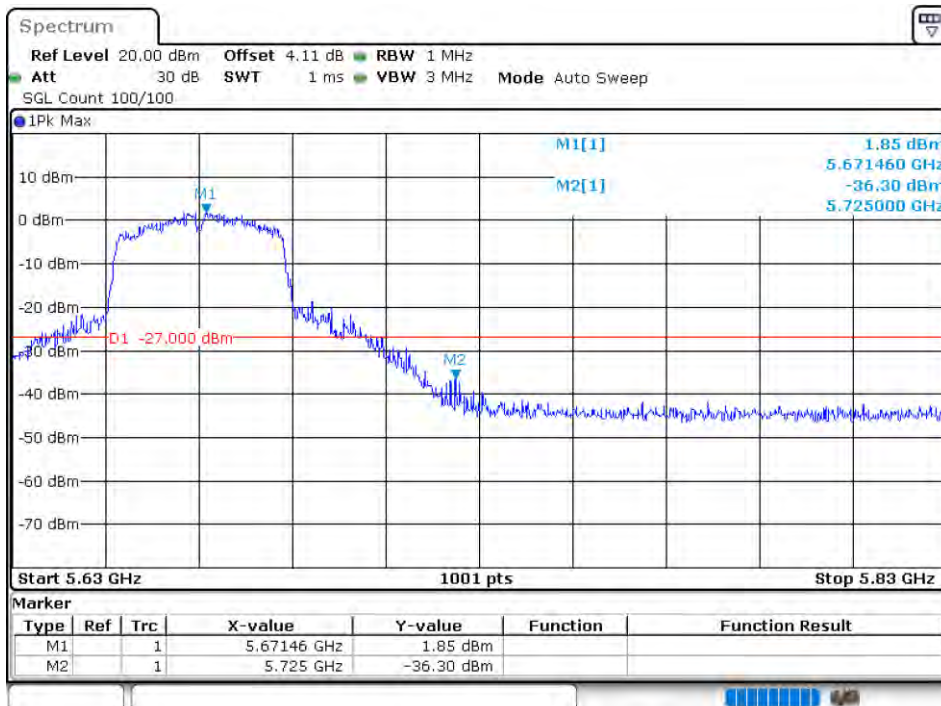




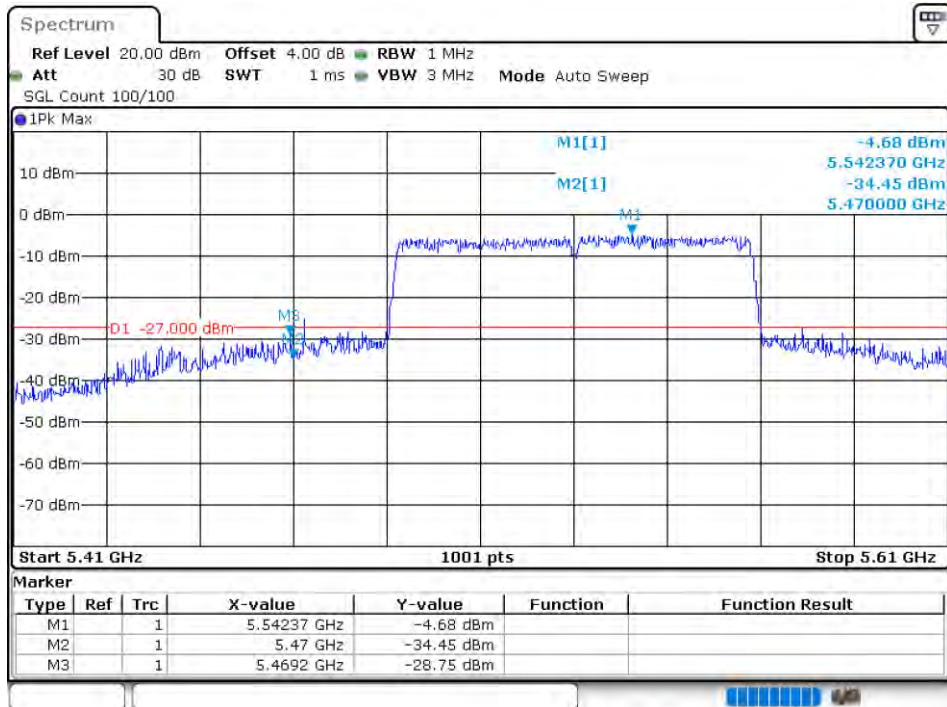
Band Edge NVNT ac40 5510MHz Low Ant1



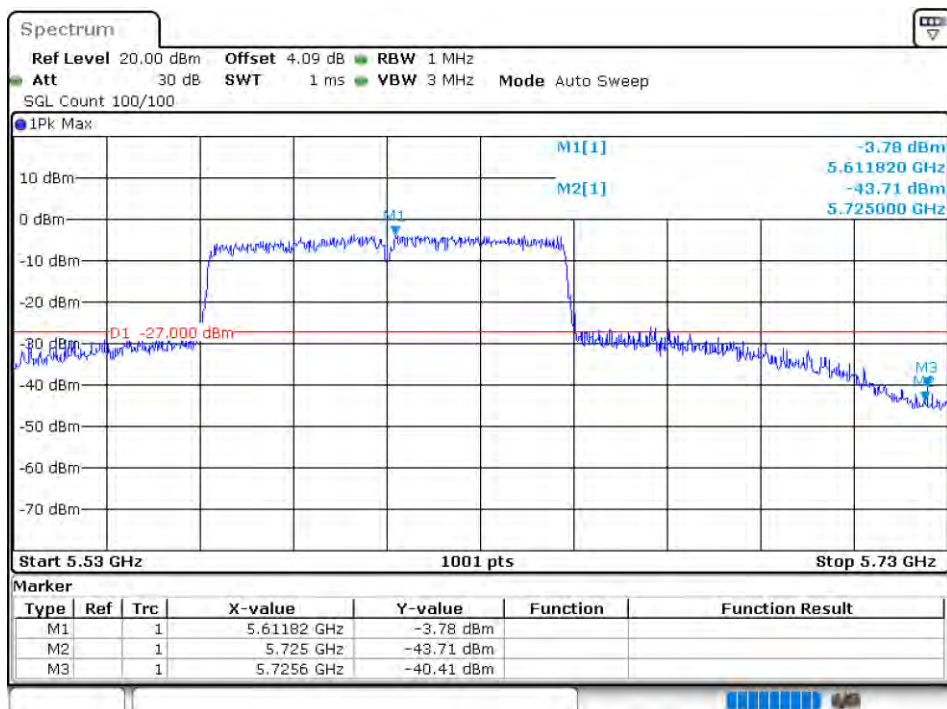
Band Edge NVNT ac40 5670MHz High Ant1

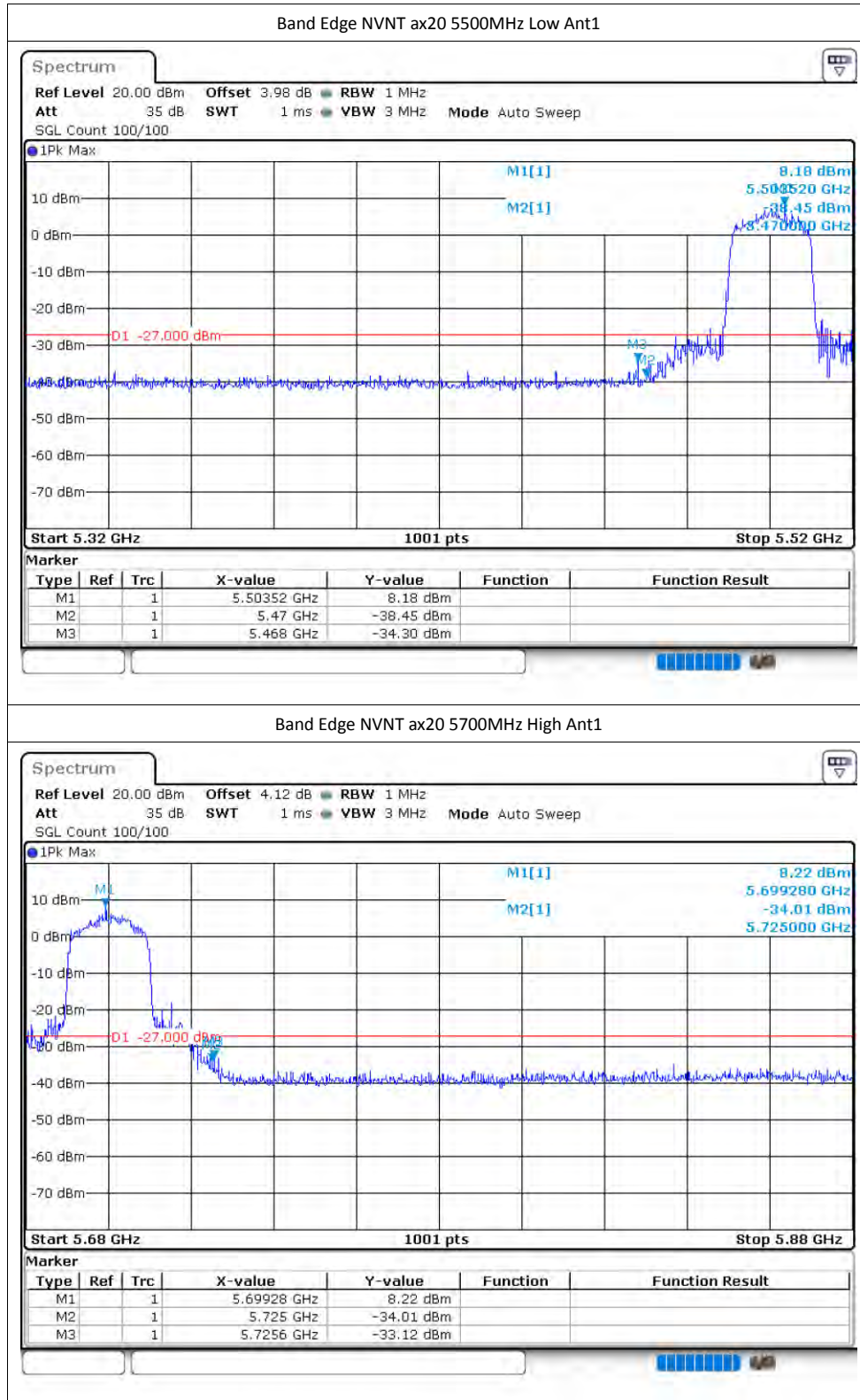


Band Edge NVNT ac80 5530MHz Low Ant1

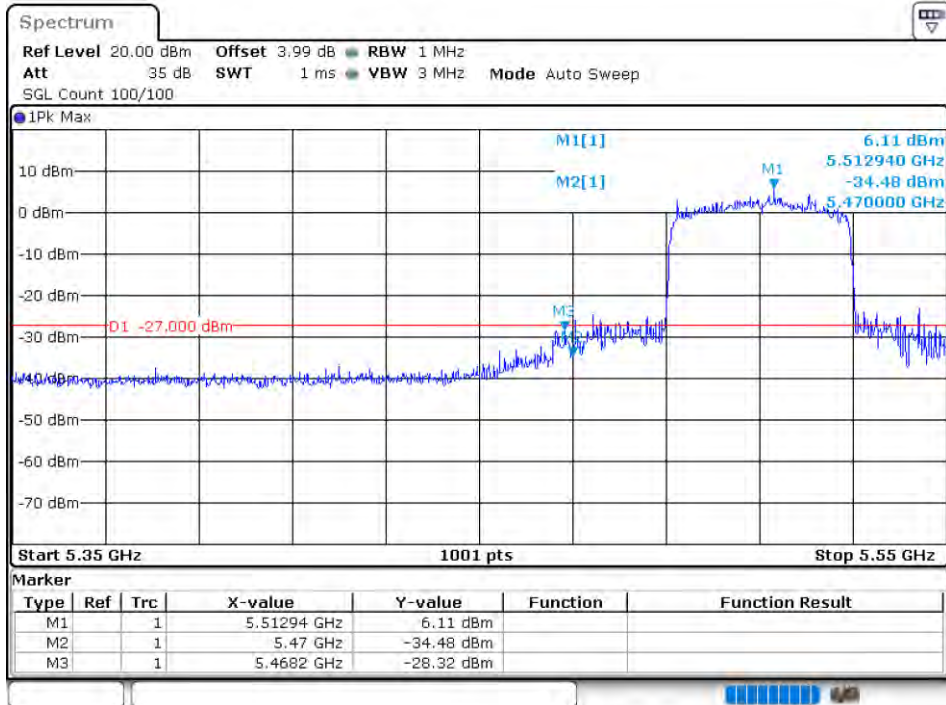


Band Edge NVNT ac80 5610MHz High Ant1

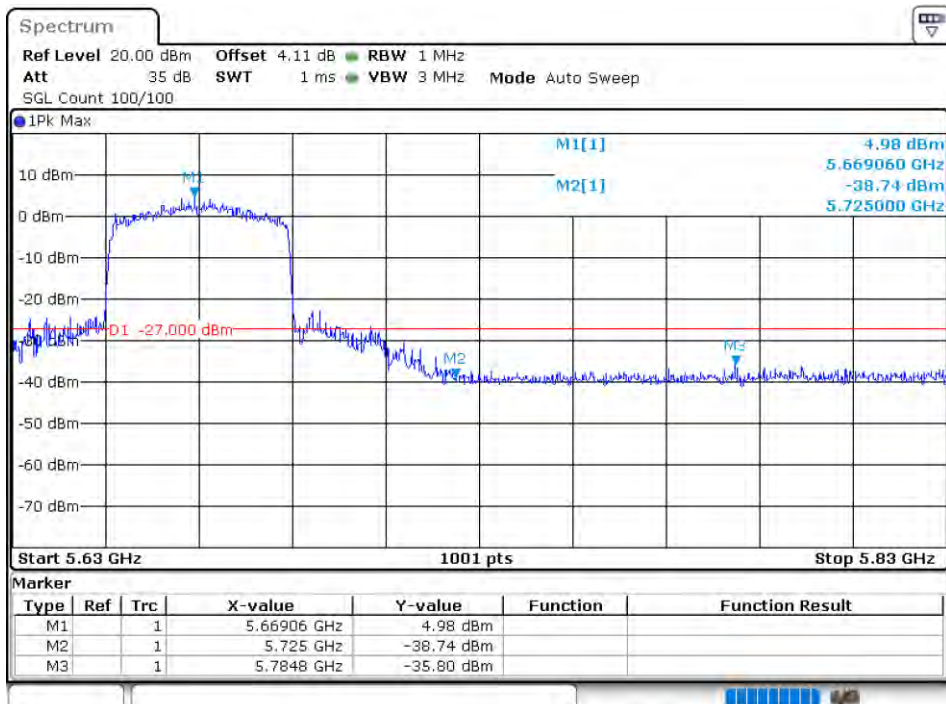


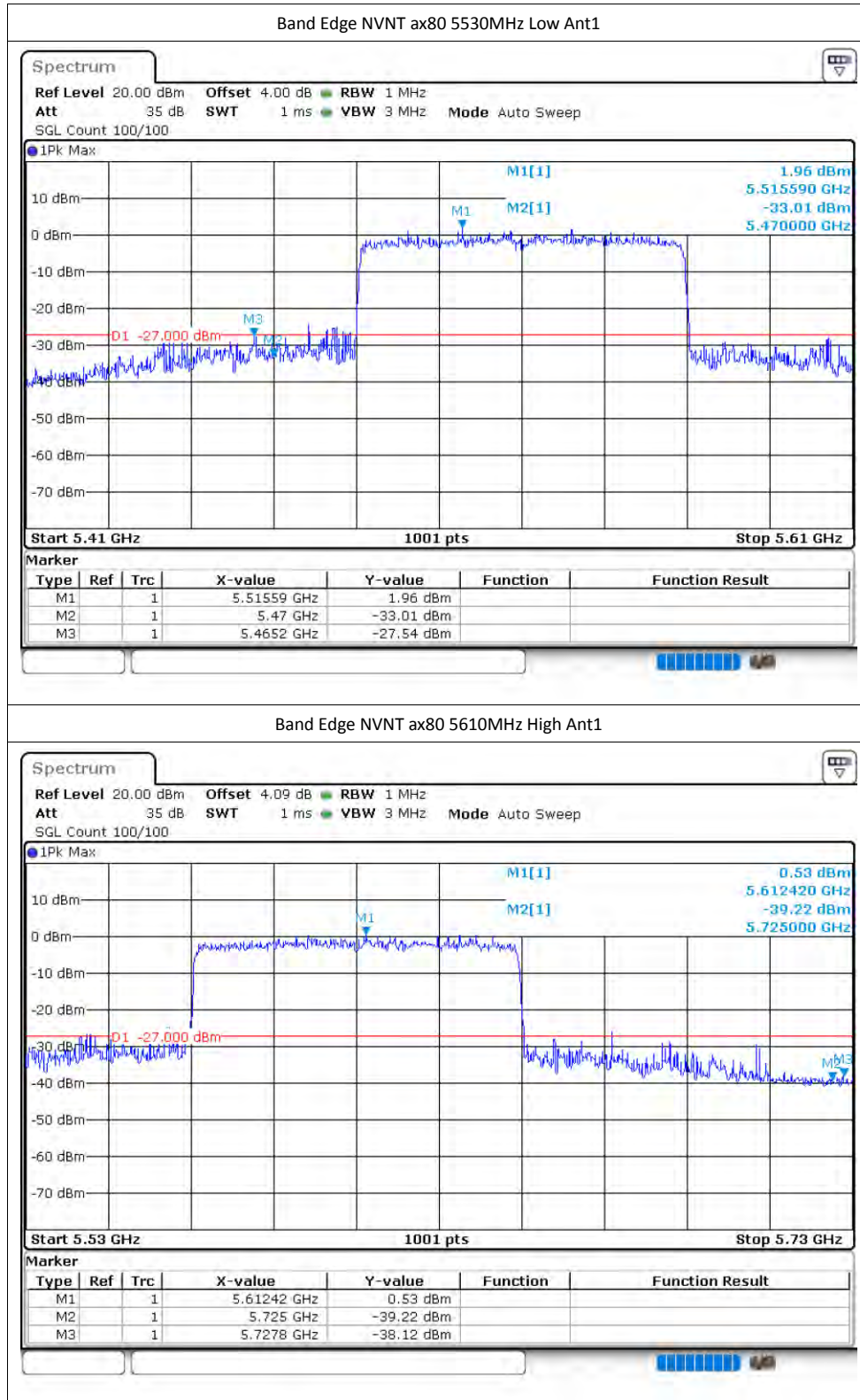


Band Edge NVNT ax40 5510MHz Low Ant1



Band Edge NVNT ax40 5670MHz High Ant1



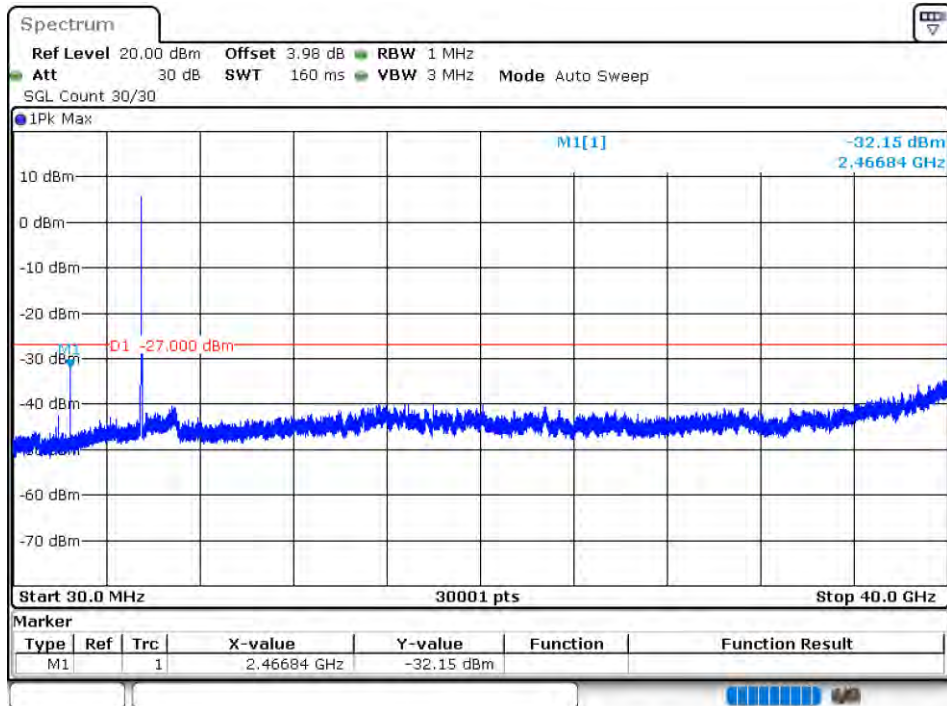


Conducted RF Spurious Emission

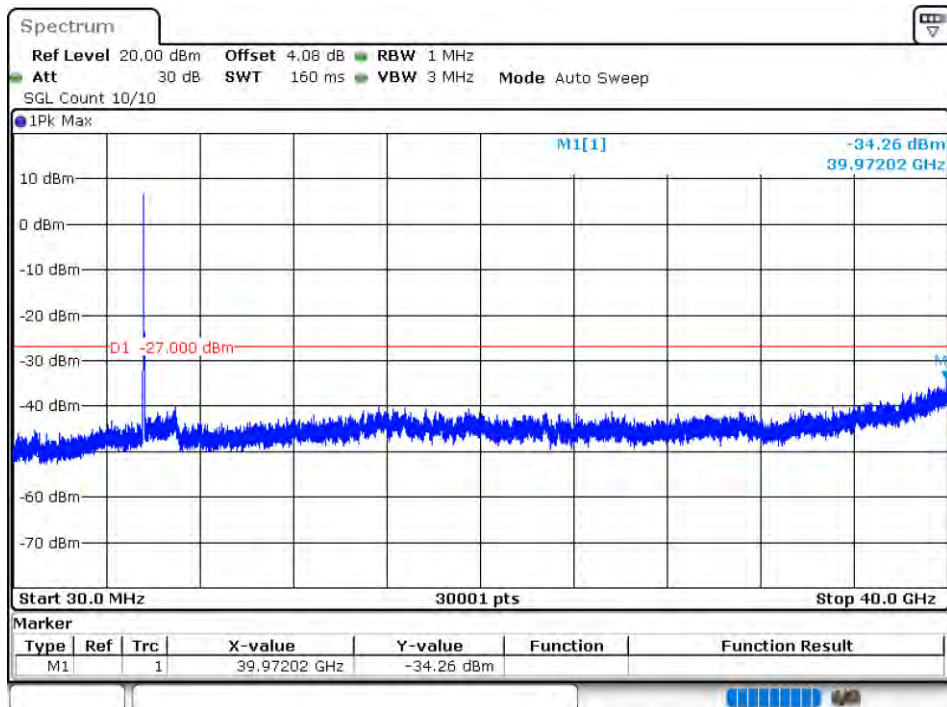
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-32.14	-27	Pass
NVNT	a	5600	Ant1	-34.26	-27	Pass
NVNT	a	5700	Ant1	-33.63	-27	Pass
NVNT	n20	5500	Ant1	-35.32	-27	Pass
NVNT	n20	5600	Ant1	-34.92	-27	Pass
NVNT	n20	5700	Ant1	-34.86	-27	Pass
NVNT	n40	5510	Ant1	-35.61	-27	Pass
NVNT	n40	5590	Ant1	-33.84	-27	Pass
NVNT	n40	5670	Ant1	-35.73	-27	Pass
NVNT	ac20	5500	Ant1	-34.99	-27	Pass
NVNT	ac20	5600	Ant1	-31.38	-27	Pass
NVNT	ac20	5700	Ant1	-35.17	-27	Pass
NVNT	ac40	5510	Ant1	-34.62	-27	Pass
NVNT	ac40	5590	Ant1	-34.42	-27	Pass
NVNT	ac40	5670	Ant1	-27.74	-27	Pass
NVNT	ac80	5530	Ant1	-34.66	-27	Pass
NVNT	ac80	5610	Ant1	-35.17	-27	Pass
NVNT	ax20	5500	Ant1	-33.69	-27	Pass
NVNT	ax20	5600	Ant1	-35.09	-27	Pass
NVNT	ax20	5700	Ant1	-33.63	-27	Pass
NVNT	ax40	5510	Ant1	-33.61	-27	Pass
NVNT	ax40	5590	Ant1	-33.08	-27	Pass
NVNT	ax40	5670	Ant1	-33.15	-27	Pass
NVNT	ax80	5530	Ant1	-33.46	-27	Pass
NVNT	ax80	5610	Ant1	-27.88	-27	Pass

Test Graphs

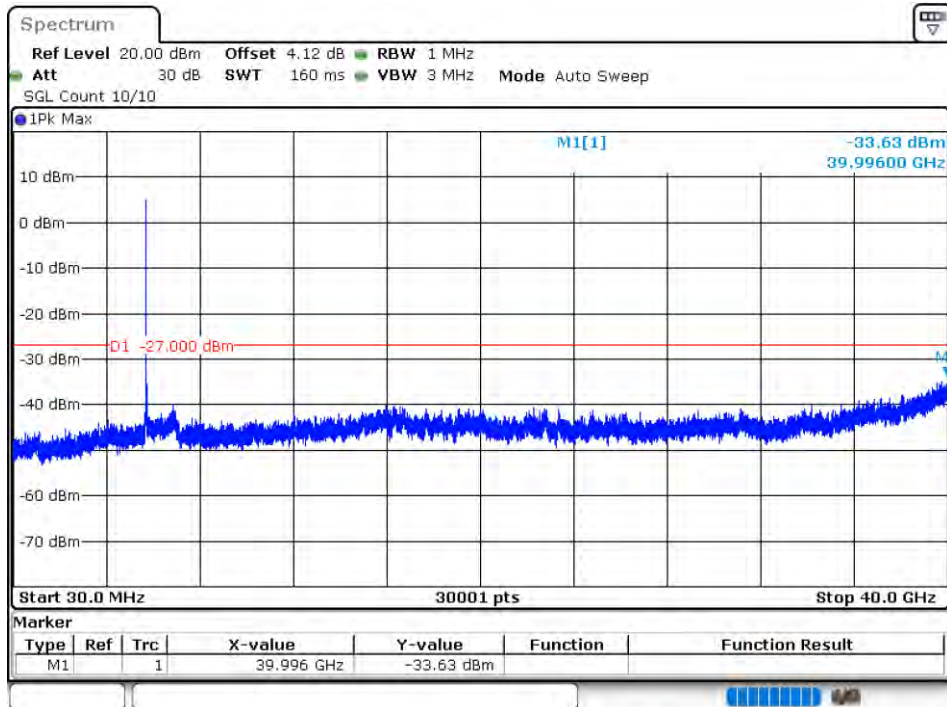
Tx. Spurious NVNT a 5500MHz Ant1 Emission



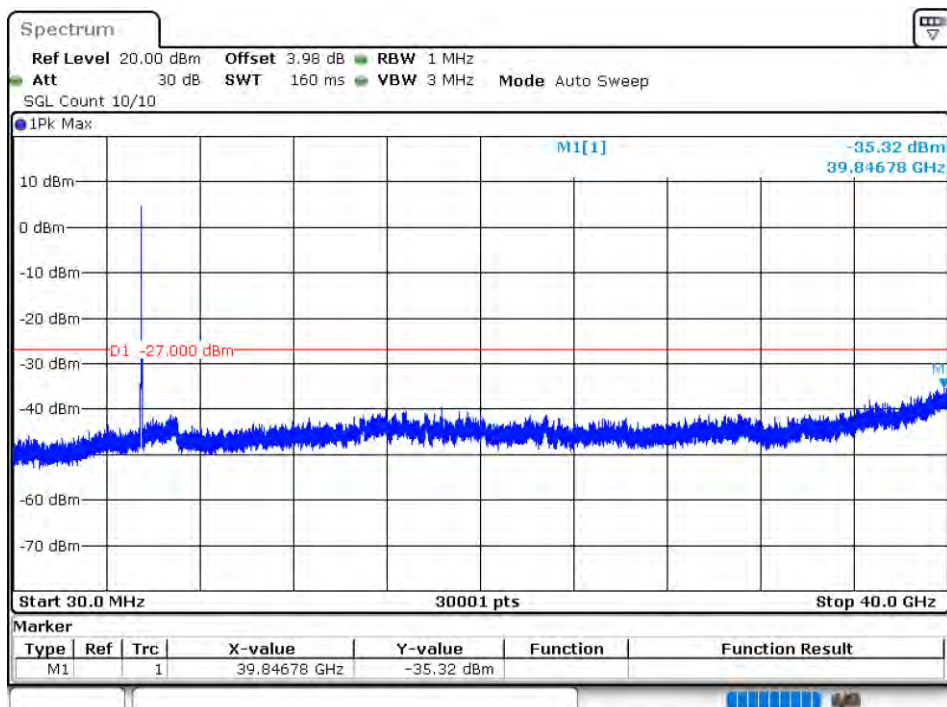
Tx. Spurious NVNT a 5600MHz Ant1 Emission



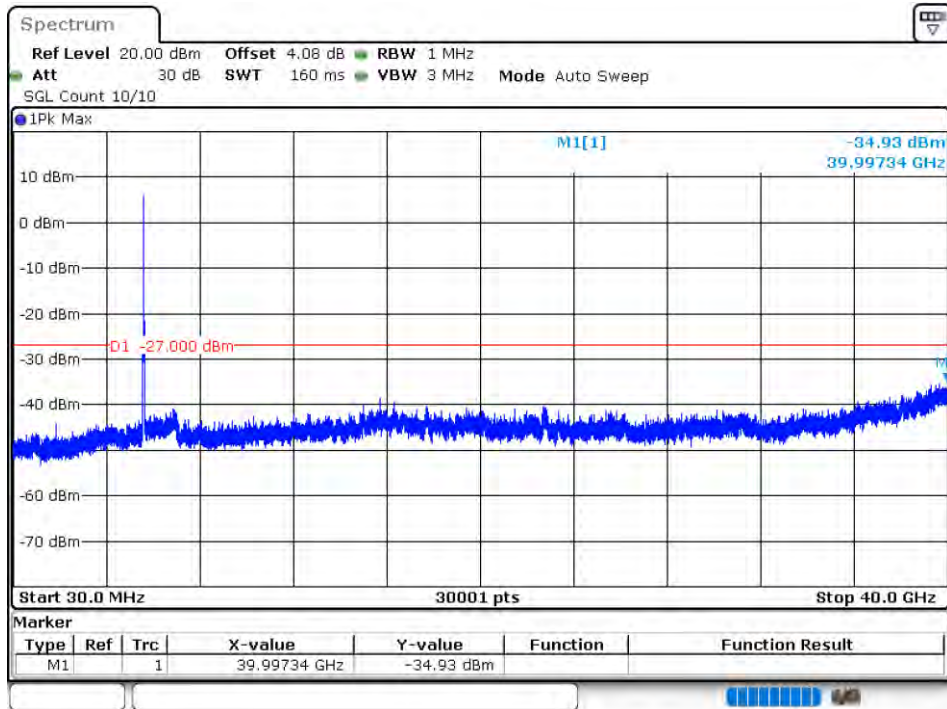
Tx. Spurious NVNT a 5700MHz Ant1 Emission



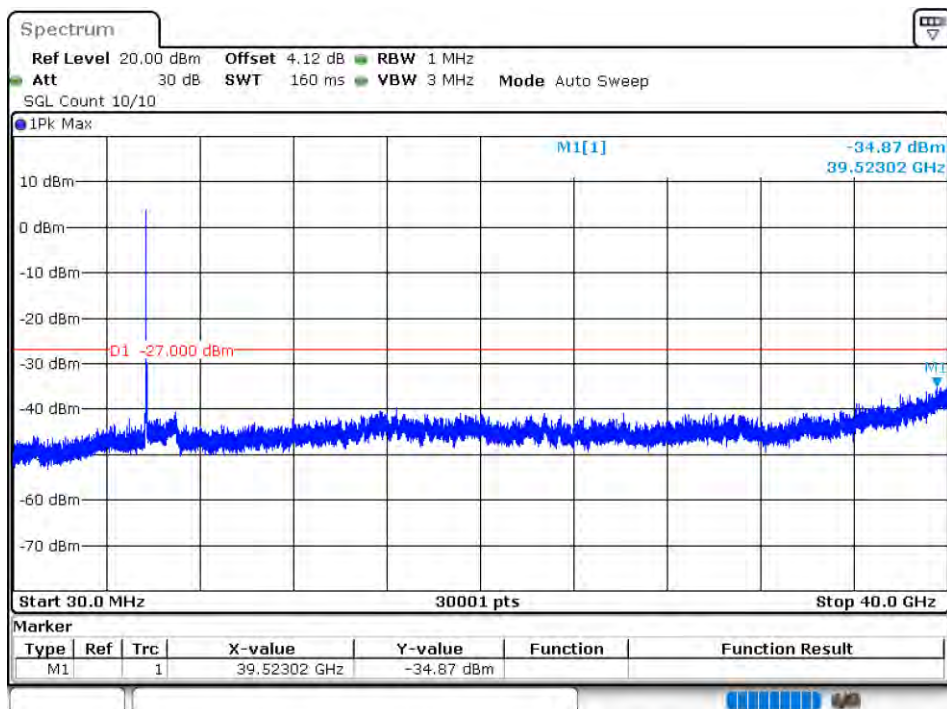
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



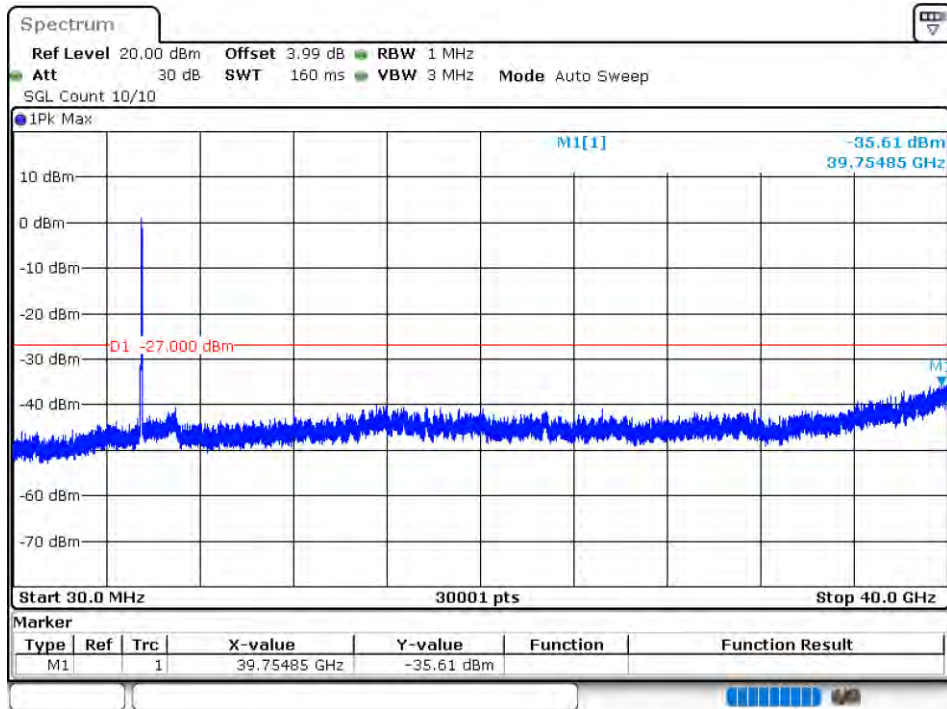
Tx. Spurious NVNT n20 5600MHz Ant1 Emission



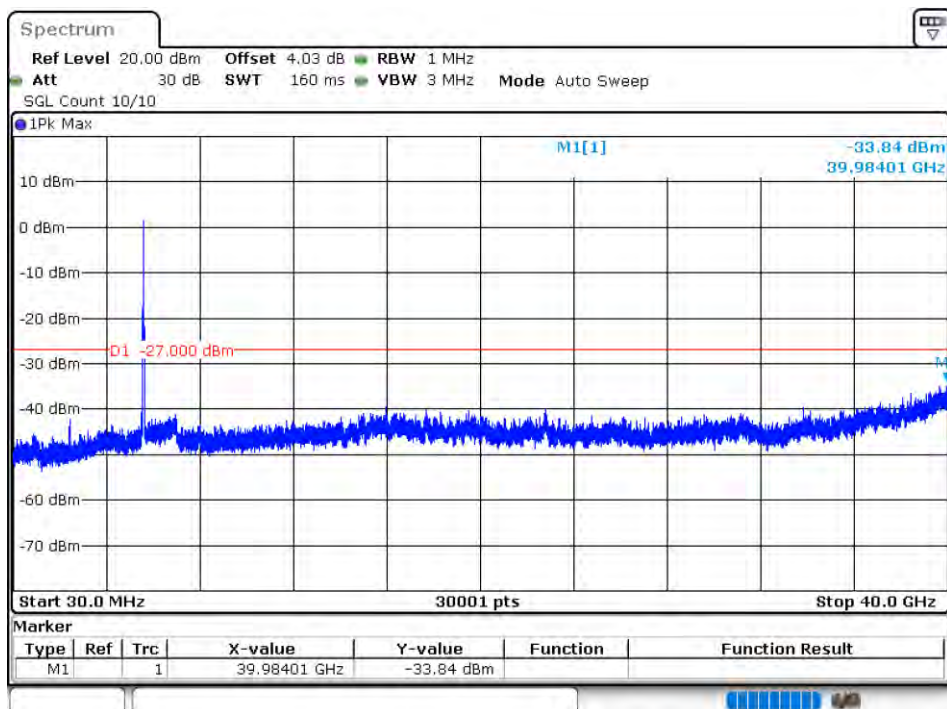
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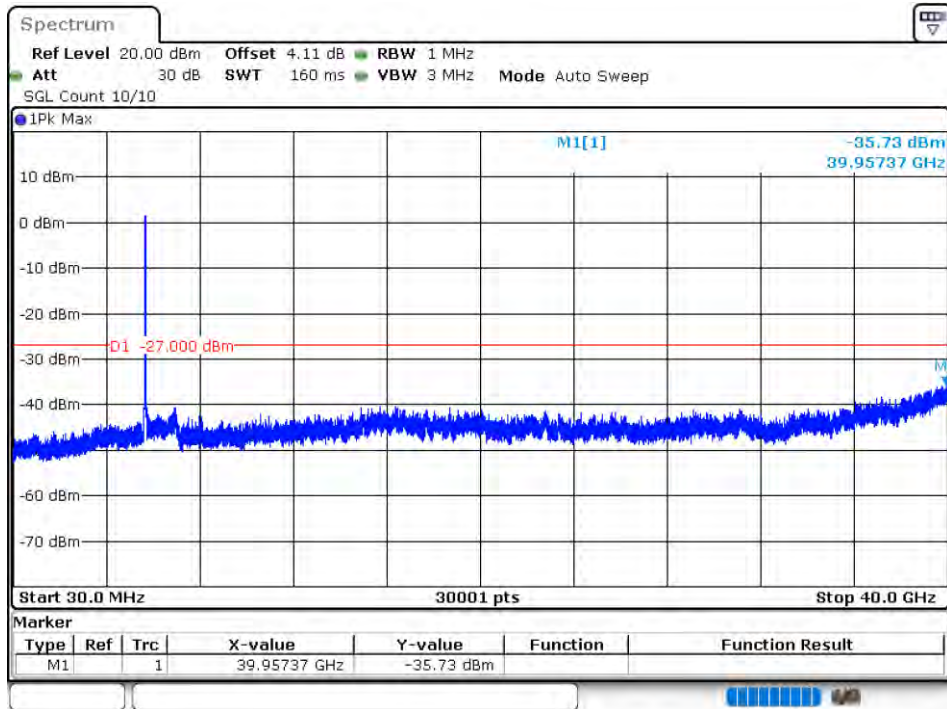
Tx. Spurious NVNT n40 5510MHz Ant1 Emission



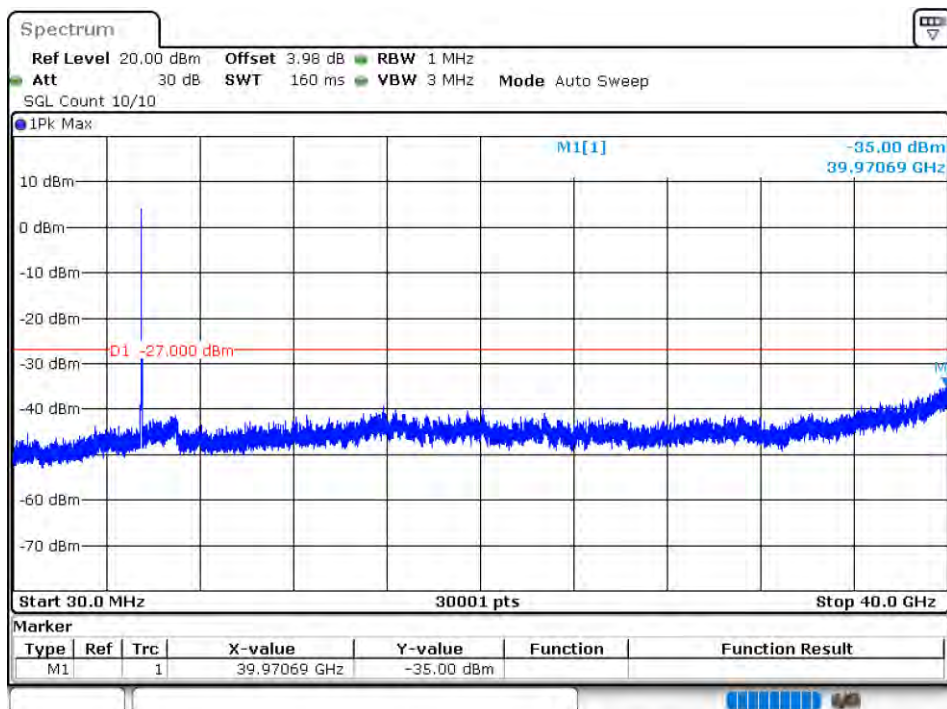
Tx. Spurious NVNT n40 5590MHz Ant1 Emission



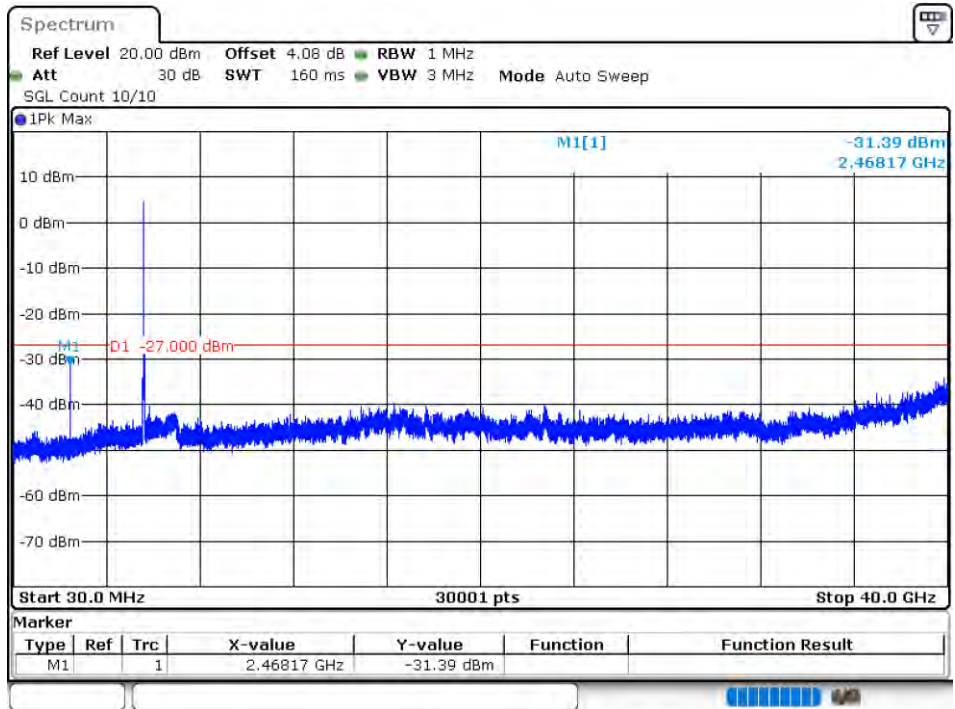
Tx. Spurious NVNT n40 5670MHz Ant1 Emission



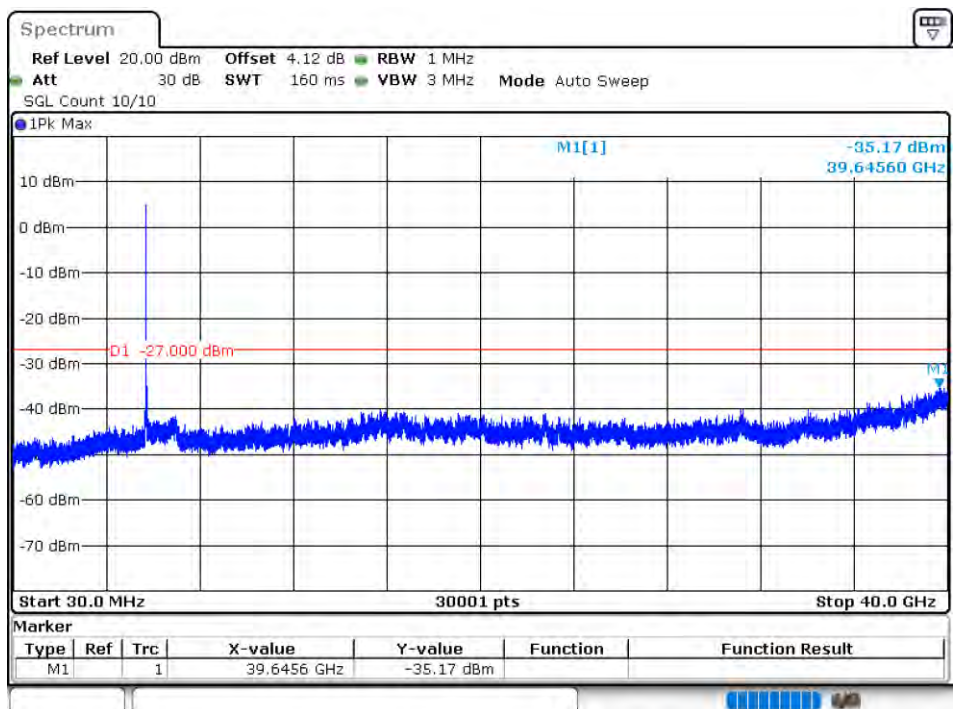
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



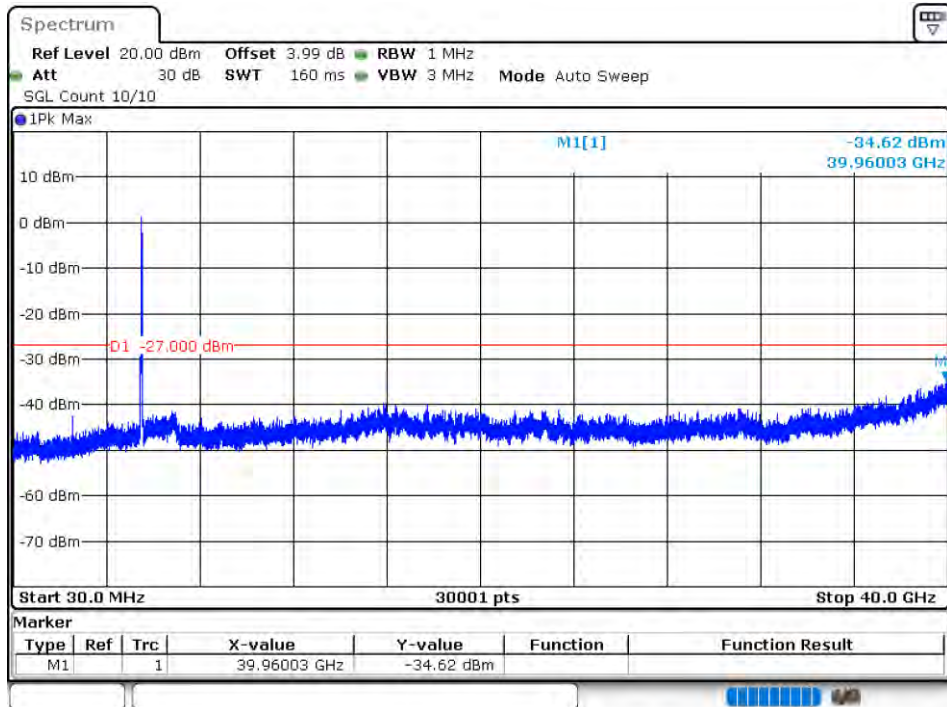
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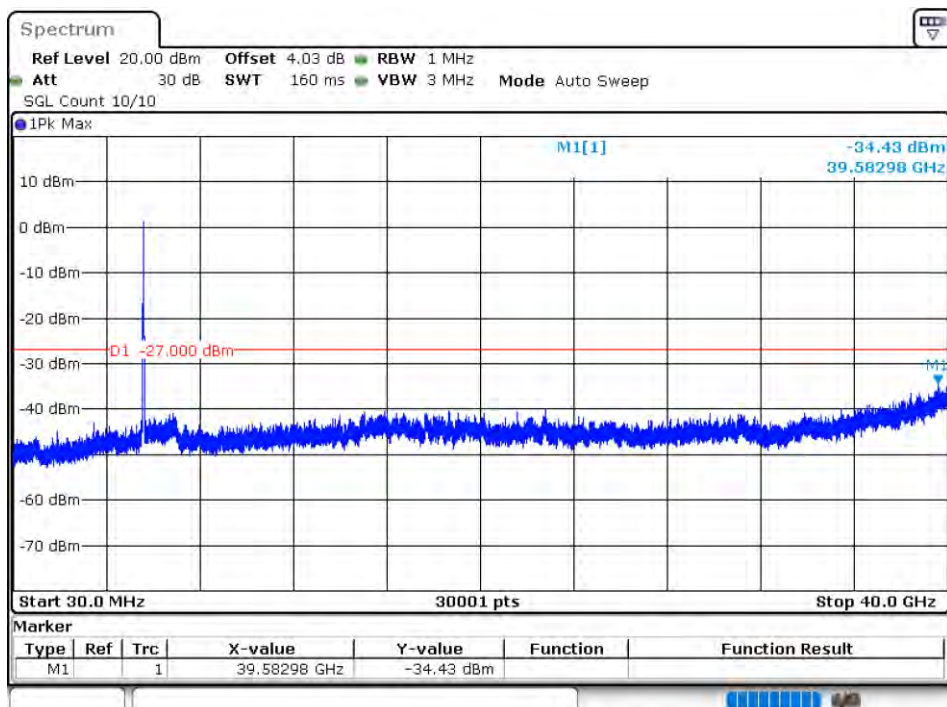
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



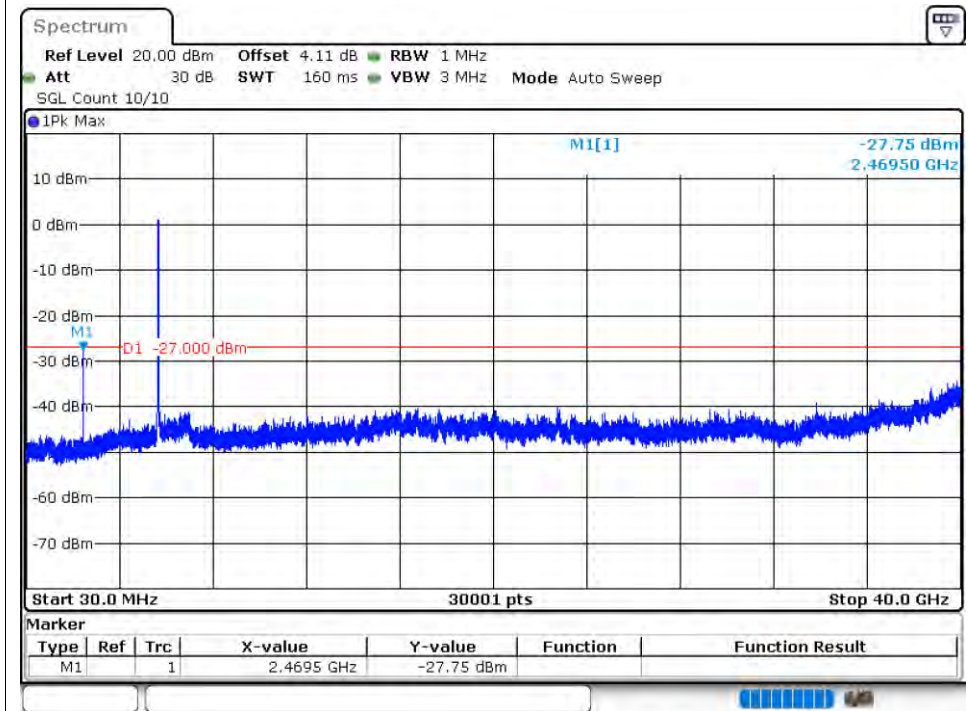
Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



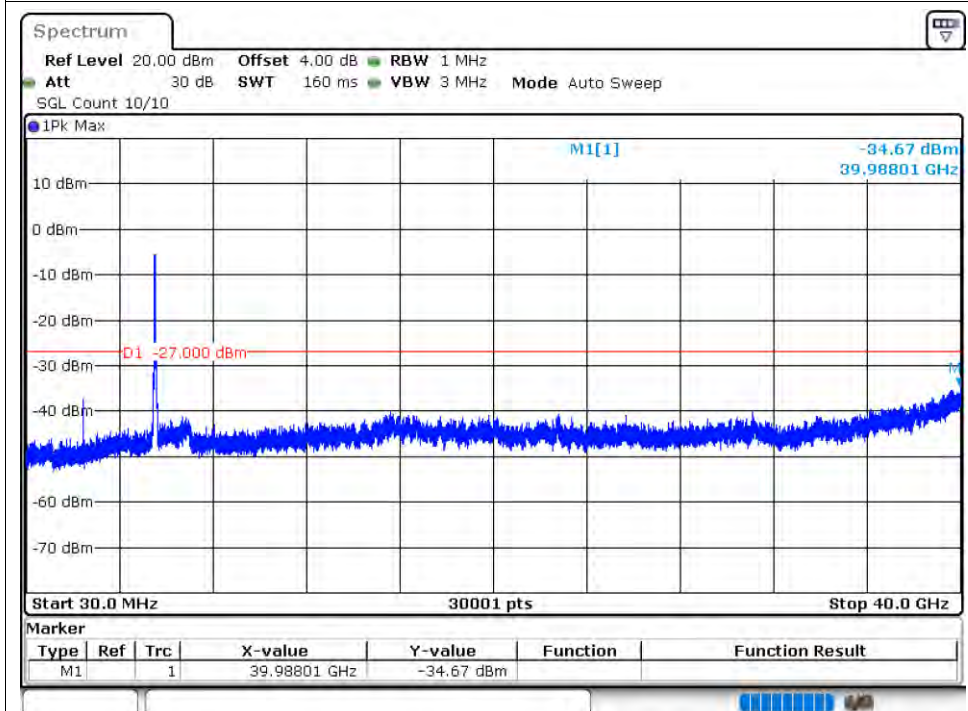
Tx. Spurious NVNT ac40 5590MHz Ant1 Emission

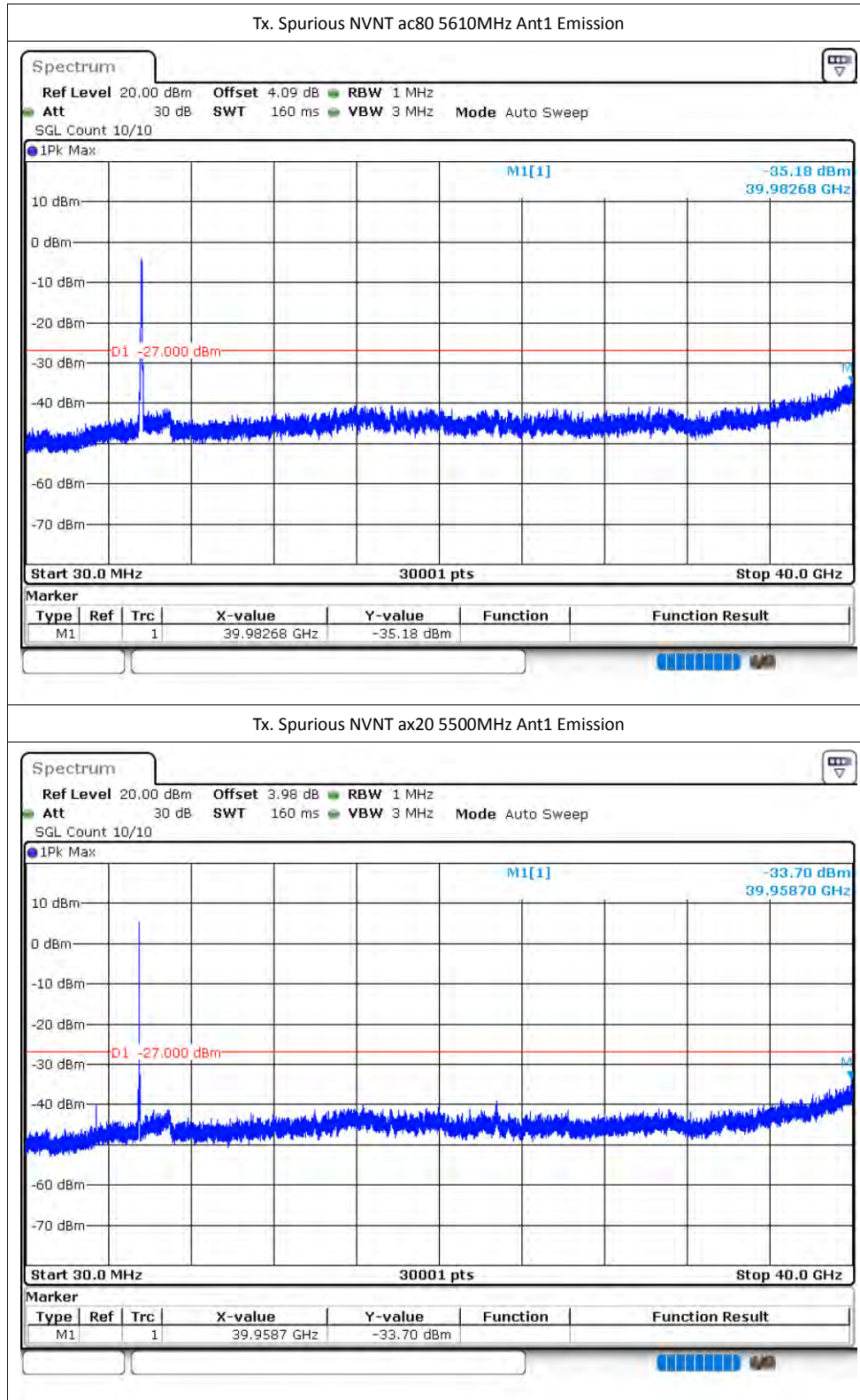


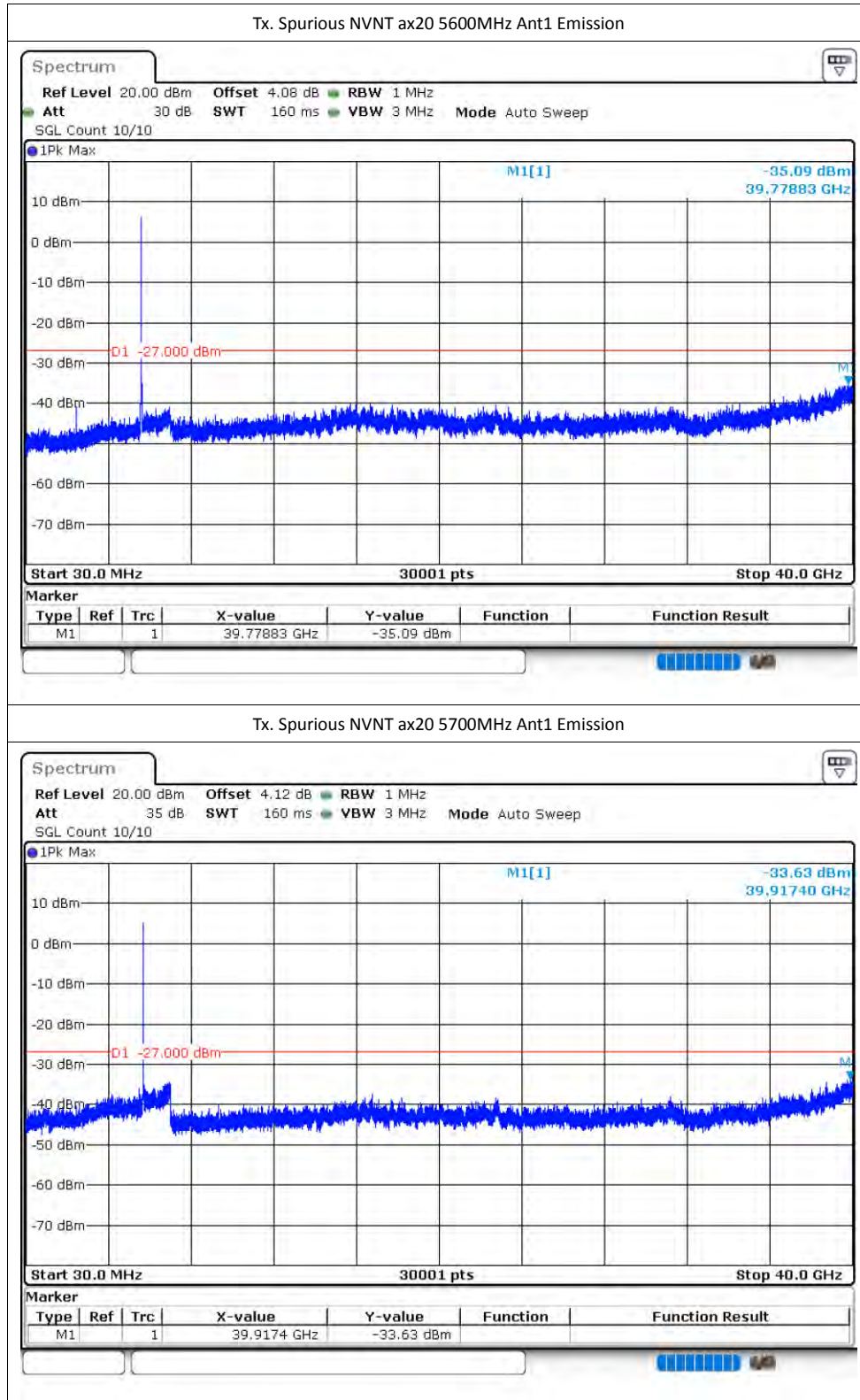
Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



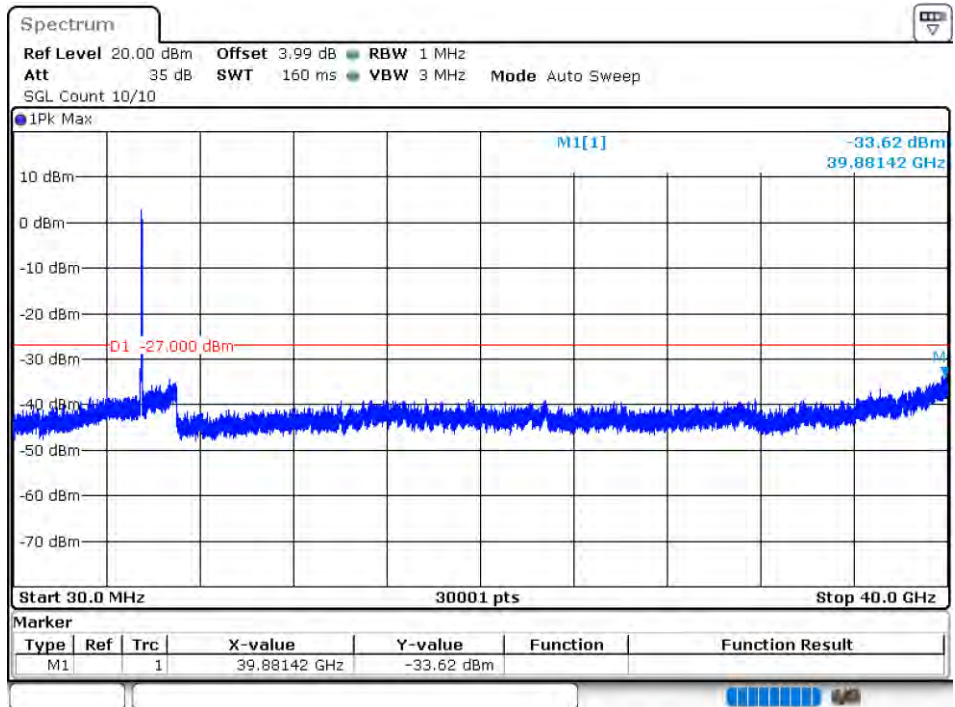
Tx. Spurious NVNT ac80 5530MHz Ant1 Emission



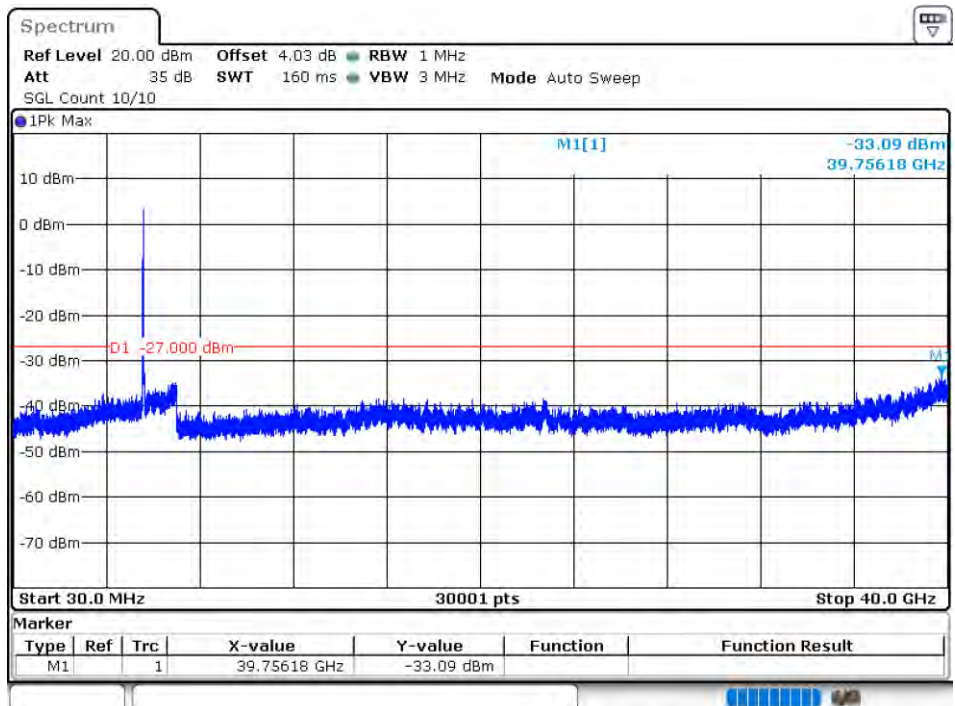




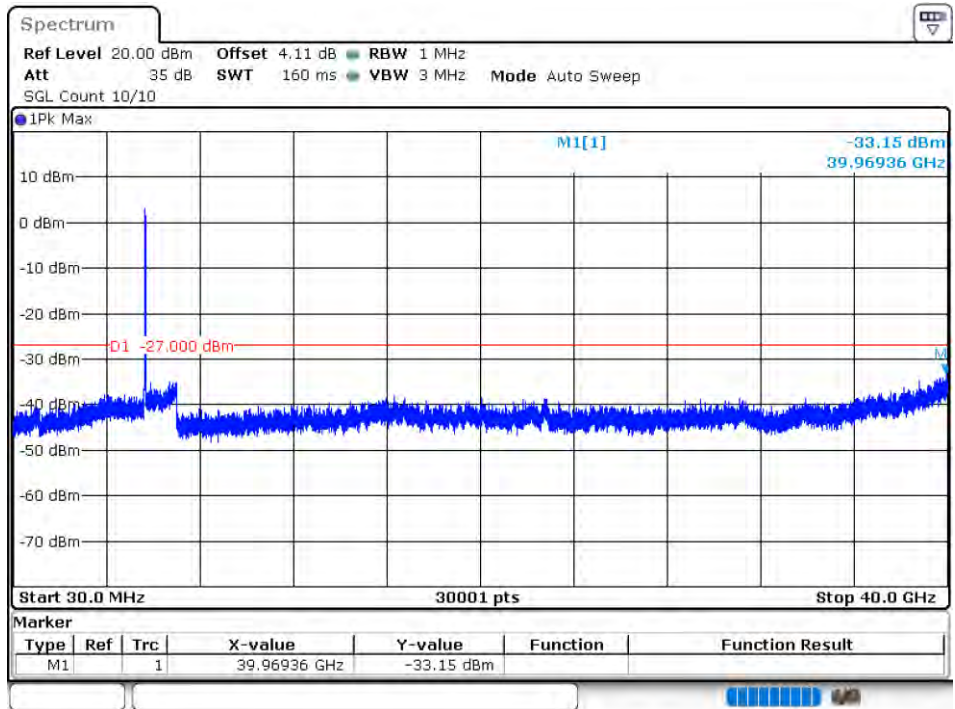
Tx. Spurious NVNT ax40 5510MHz Ant1 Emission



Tx. Spurious NVNT ax40 5590MHz Ant1 Emission



Tx. Spurious NVNT ax40 5670MHz Ant1 Emission



Tx. Spurious NVNT ax80 5530MHz Ant1 Emission

