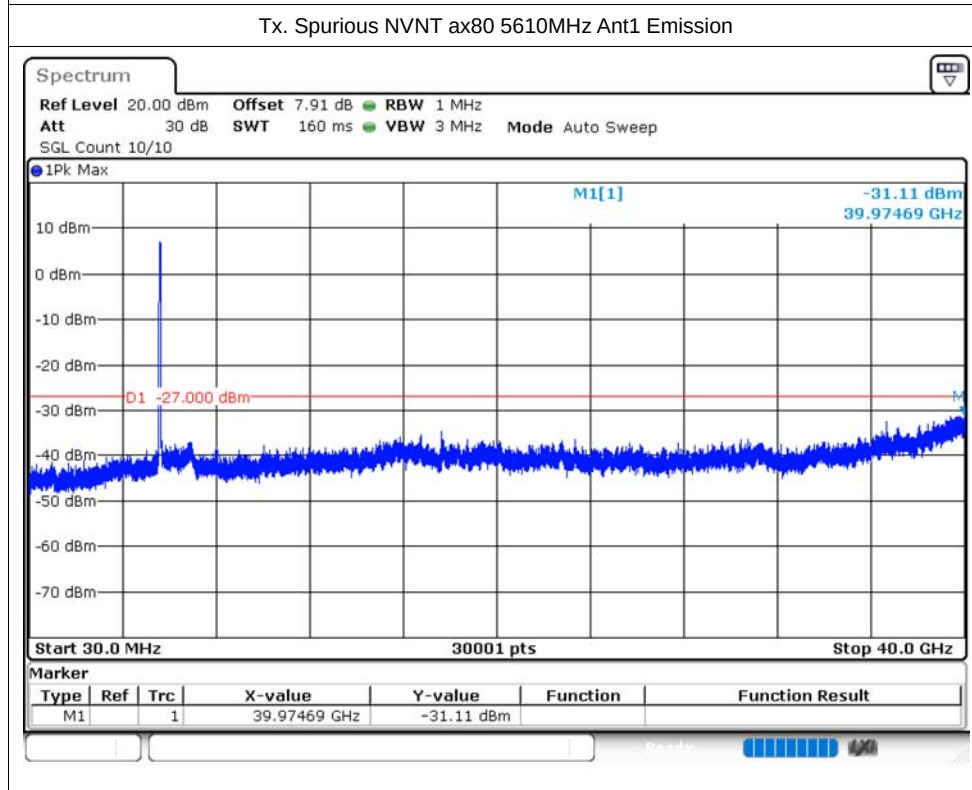
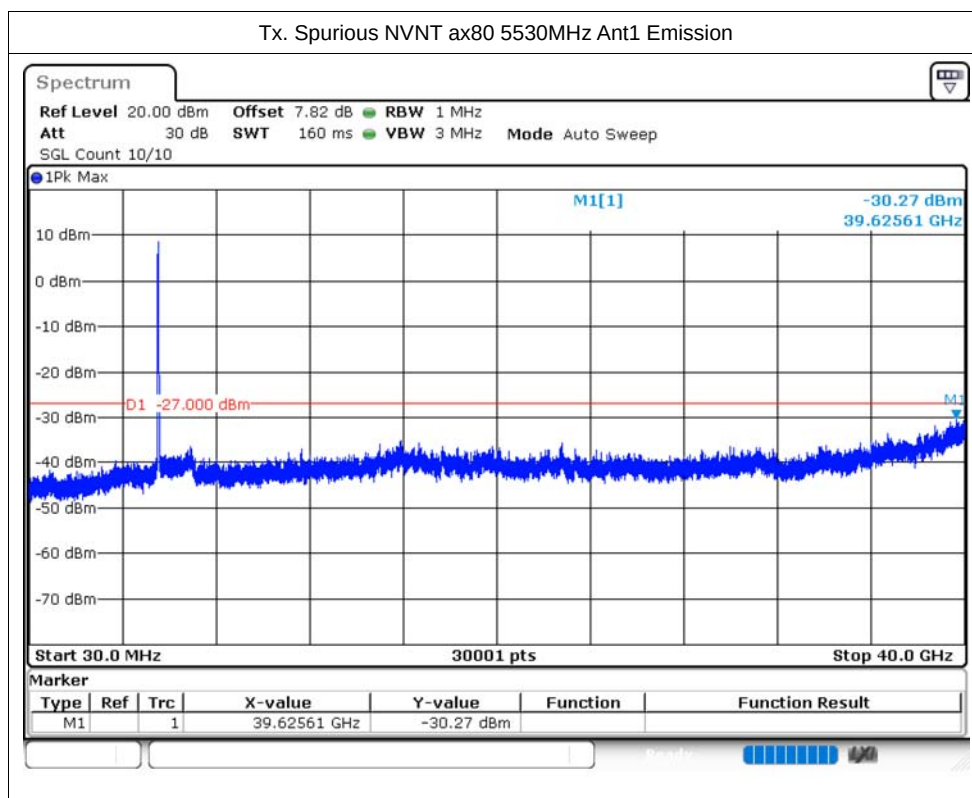
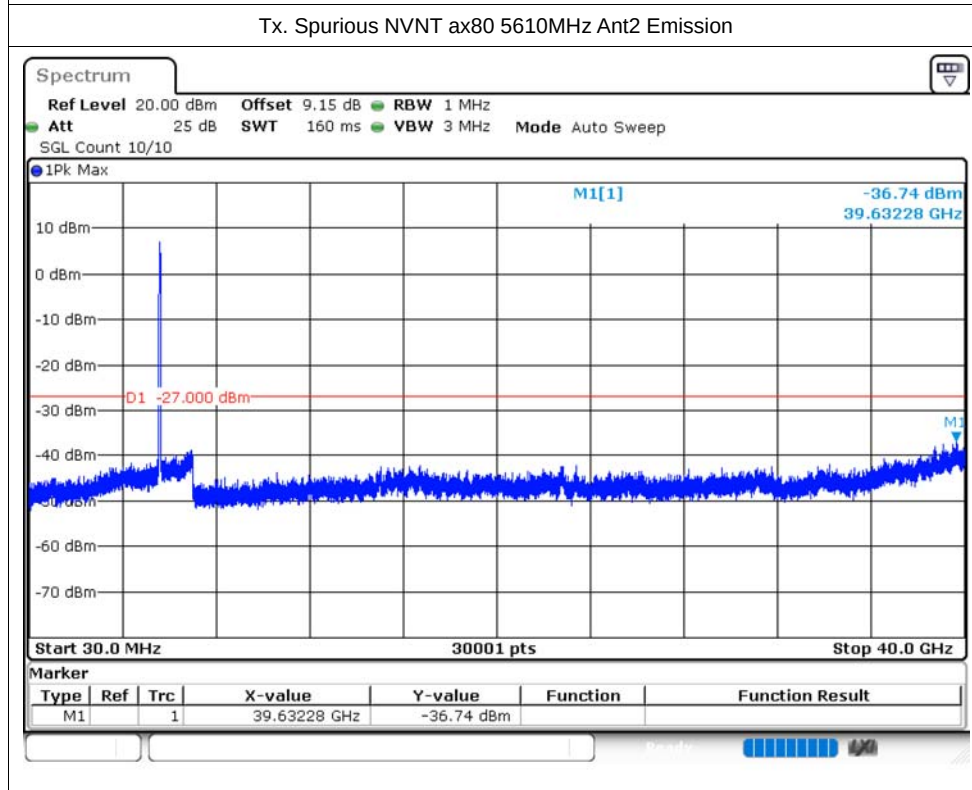
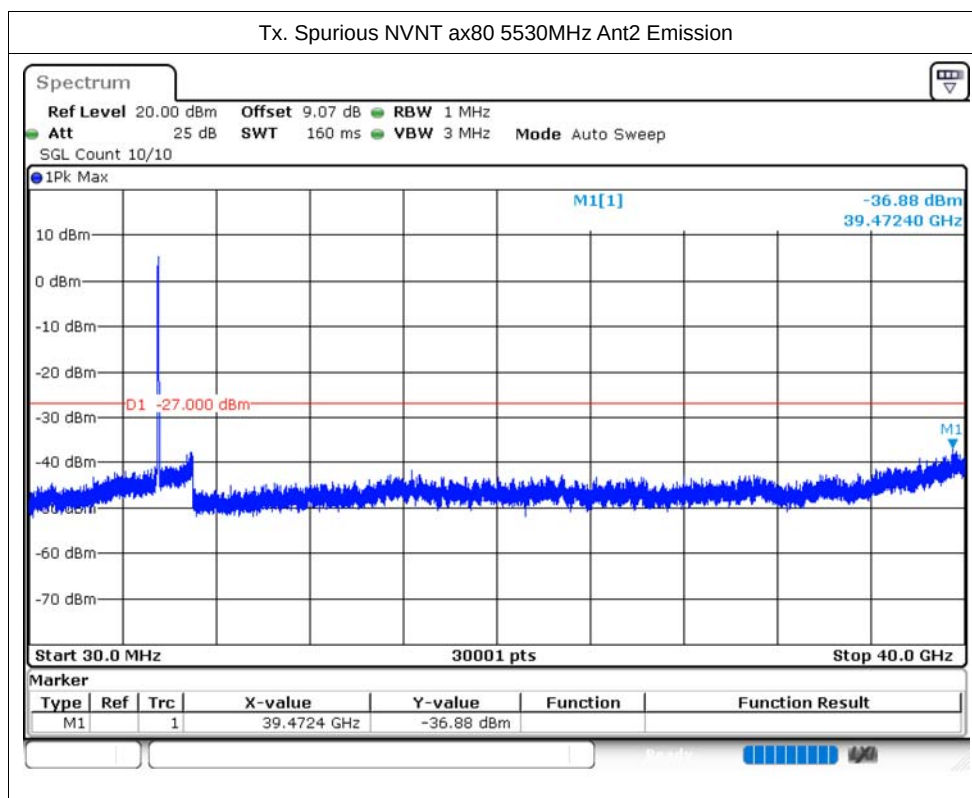






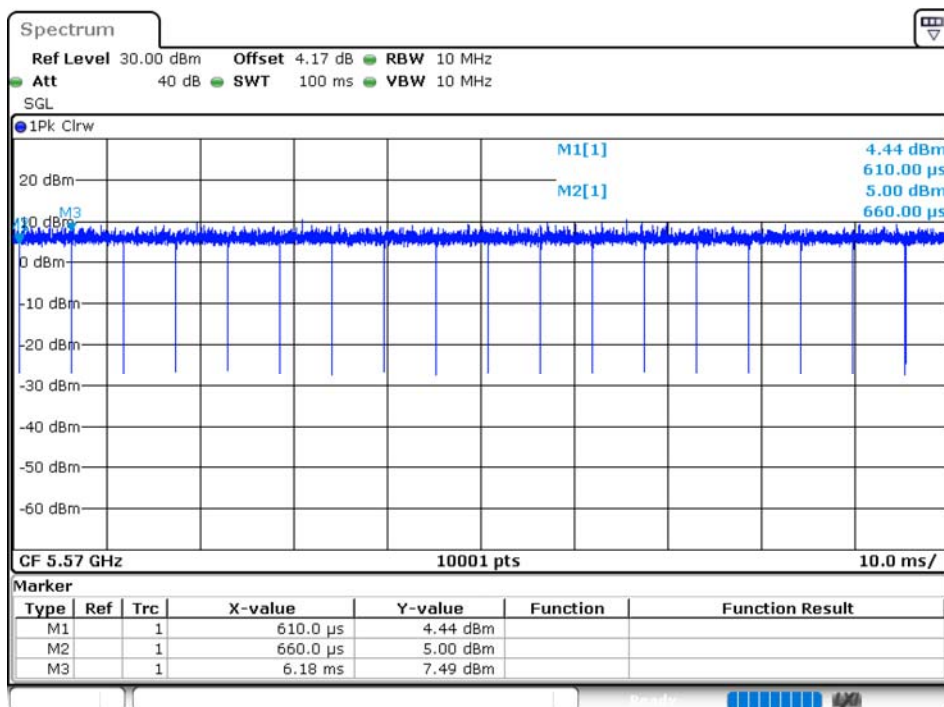
5.6G WIFI MIMO

Duty Cycle

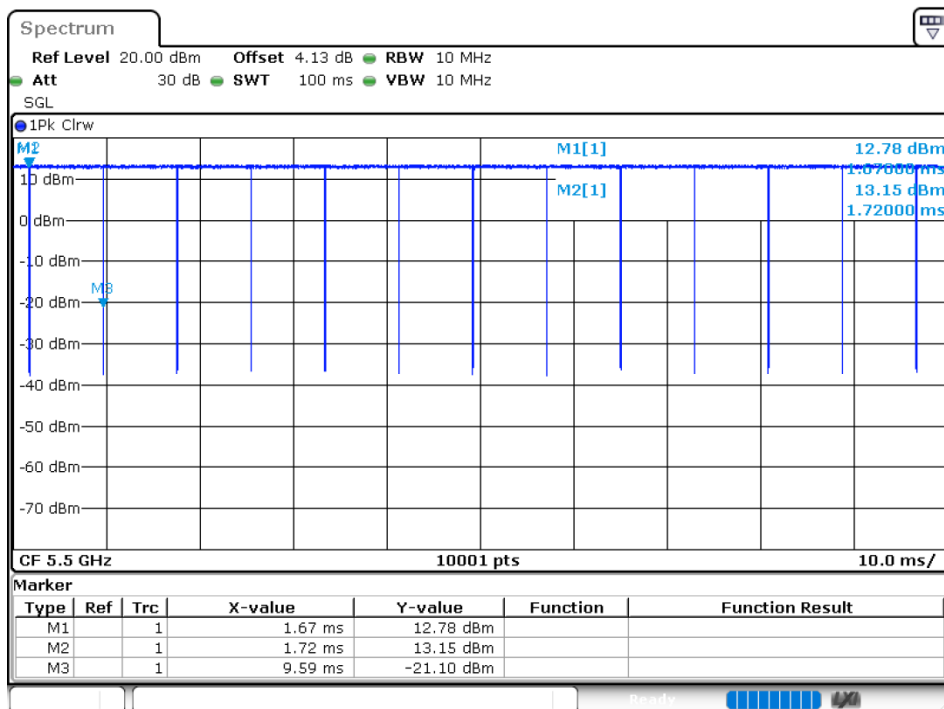
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac160	5570	Sum	99.34	0.03	0.18
NVNT	ac20	5500	Sum	99.5	0.02	0.13
NVNT	ac20	5600	Sum	99.98	0	0.03
NVNT	ac20	5700	Sum	99.74	0.01	0.13
NVNT	ac40	5510	Sum	98.99	0.04	0.25
NVNT	ac40	5590	Sum	99.58	0.02	0.13
NVNT	ac40	5670	Sum	99.61	0.02	0.13
NVNT	ac80	5530	Sum	99.44	0.02	0.13
NVNT	ac80	5610	Sum	99.54	0.02	0.13
NVNT	ax160	5570	Sum	99.24	0.03	0.22
NVNT	ax20	5500	Sum	99.57	0.02	0.13
NVNT	ax20	5600	Sum	99.98	0	0.06
NVNT	ax20	5700	Sum	99.39	0.03	0.25
NVNT	ax40	5510	Sum	99.47	0.02	0.13
NVNT	ax40	5590	Sum	99.14	0.04	0.25
NVNT	ax40	5670	Sum	99.31	0.03	0.25
NVNT	ax80	5530	Sum	98.97	0.04	0.25
NVNT	ax80	5610	Sum	99.6	0.02	100
NVNT	n20	5500	Sum	98.23	0.08	0.48
NVNT	n20	5600	Sum	98.22	0.08	0.48
NVNT	n20	5700	Sum	98.21	0.08	0.48
NVNT	n40	5510	Sum	99.45	0.02	0.13
NVNT	n40	5590	Sum	99.53	0.02	0.13
NVNT	n40	5670	Sum	99.55	0.02	0.13

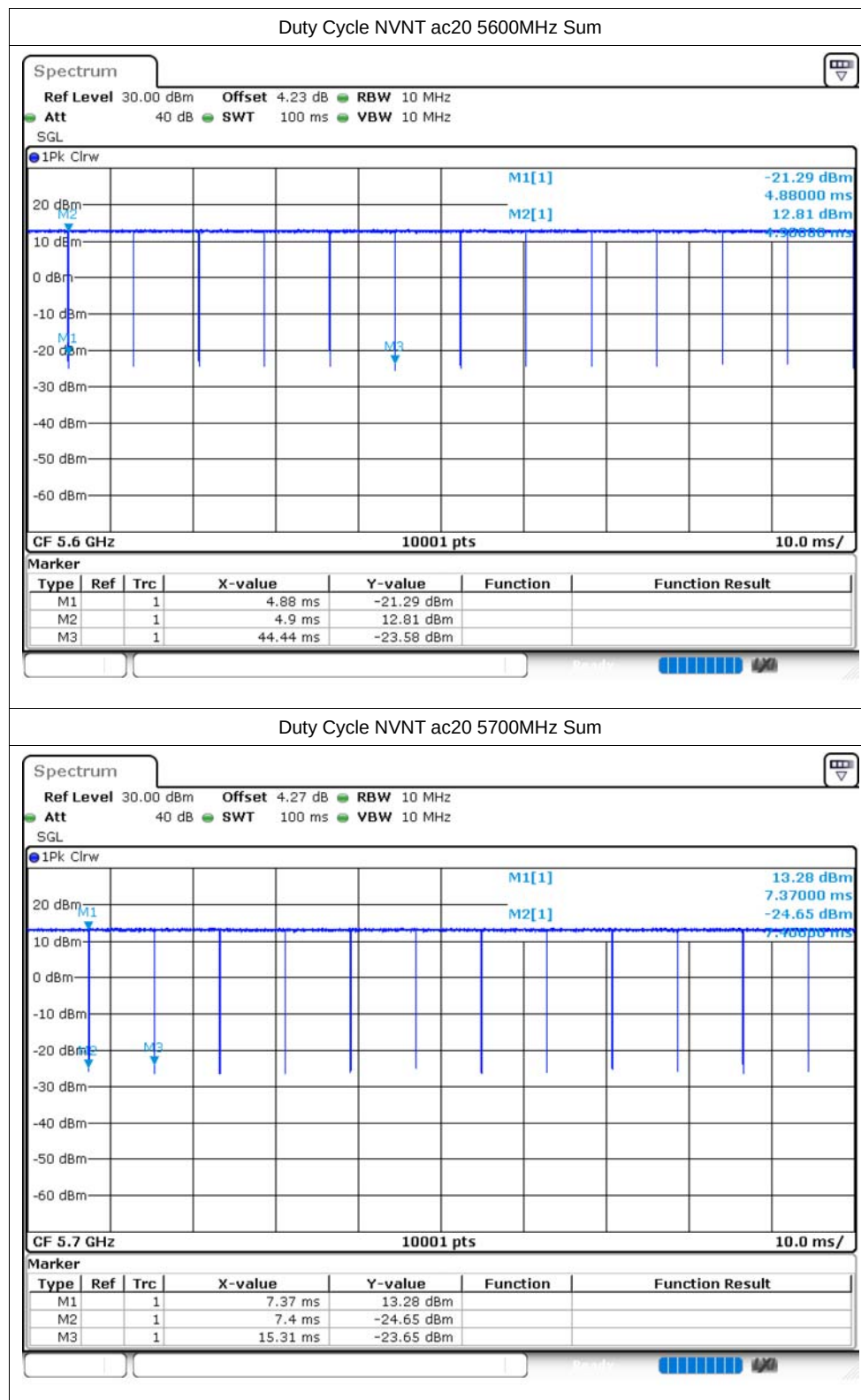
Test Graphs

Duty Cycle NVNT ac160 5570MHz Sum

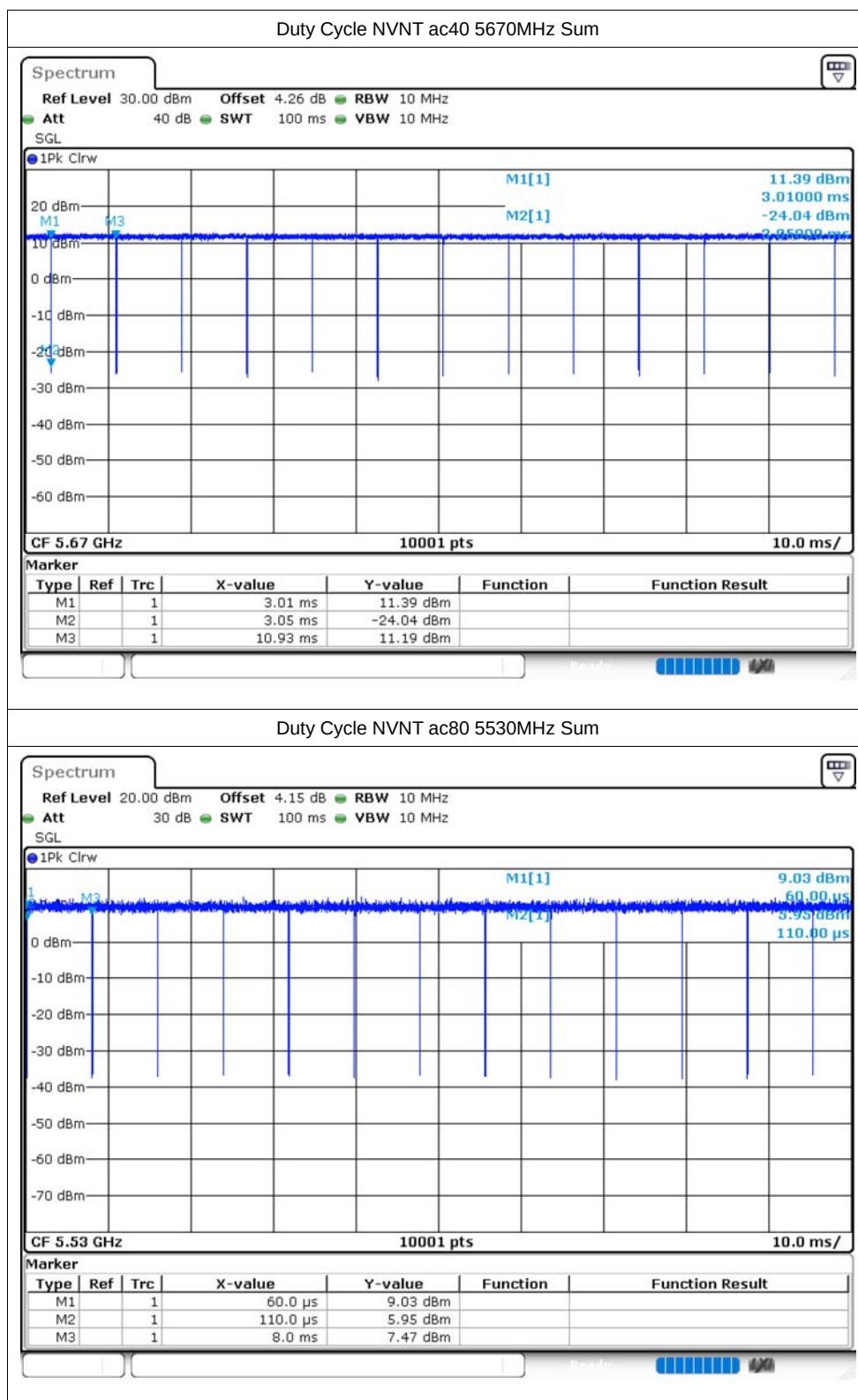


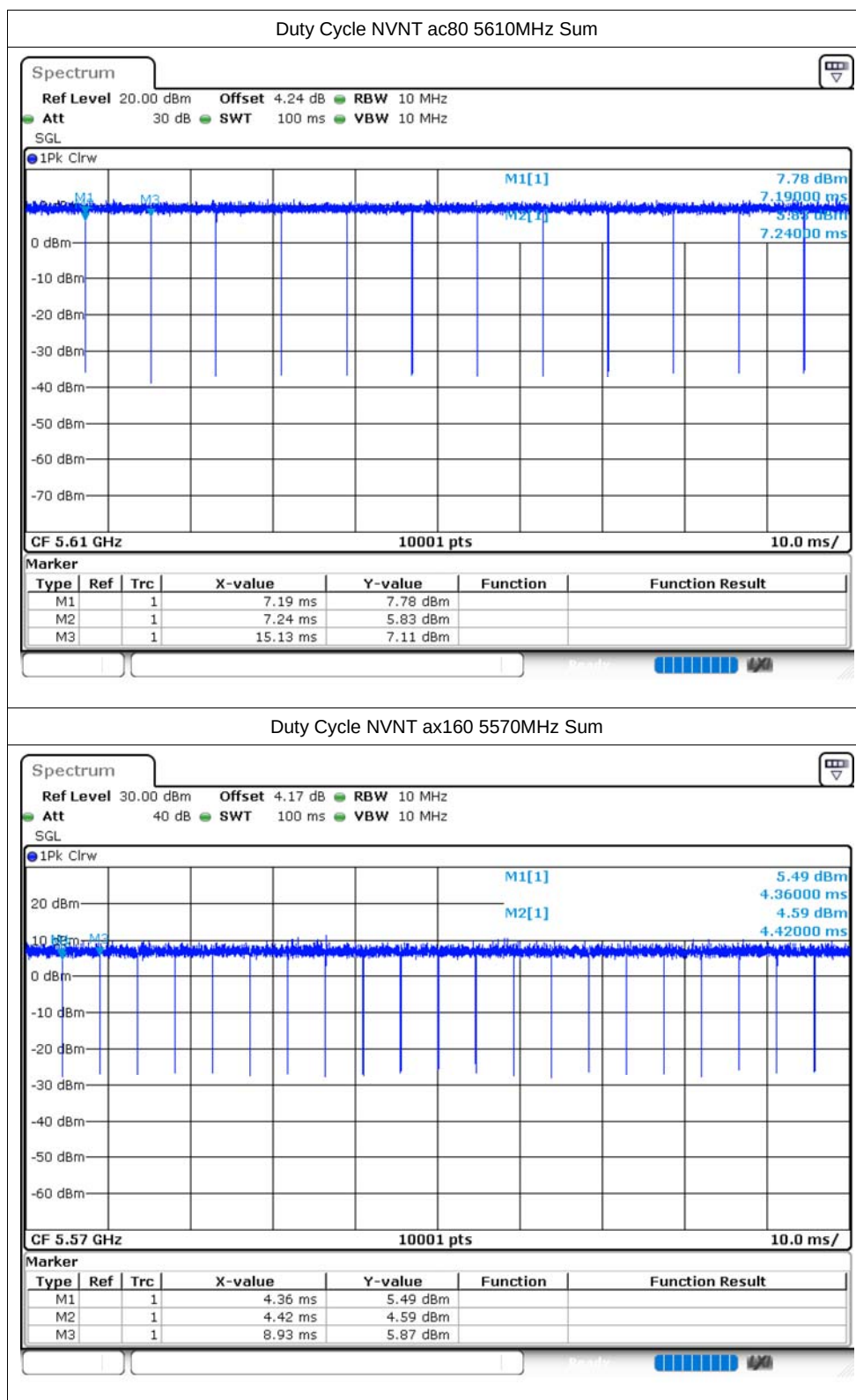
Duty Cycle NVNT ac20 5500MHz Sum

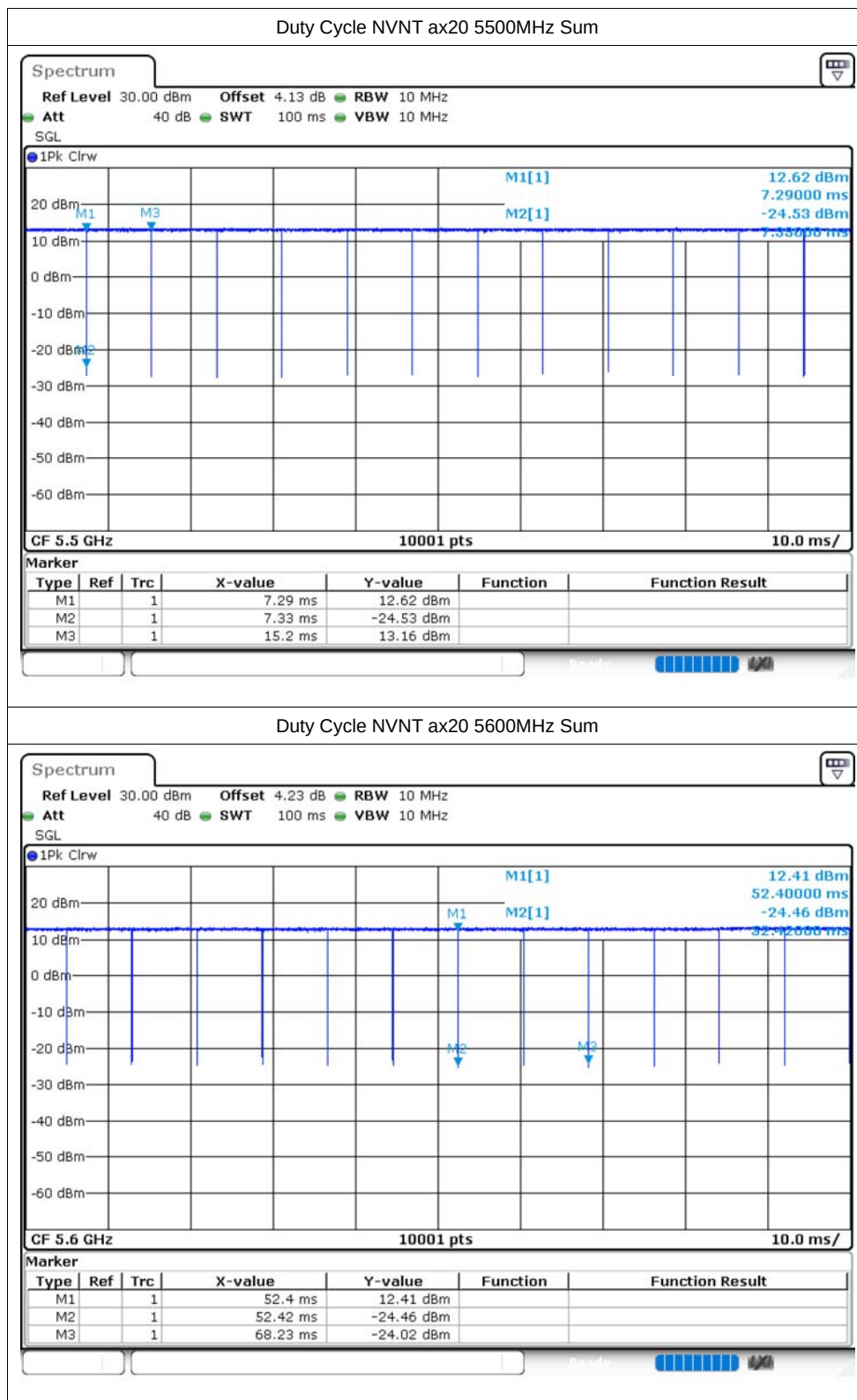


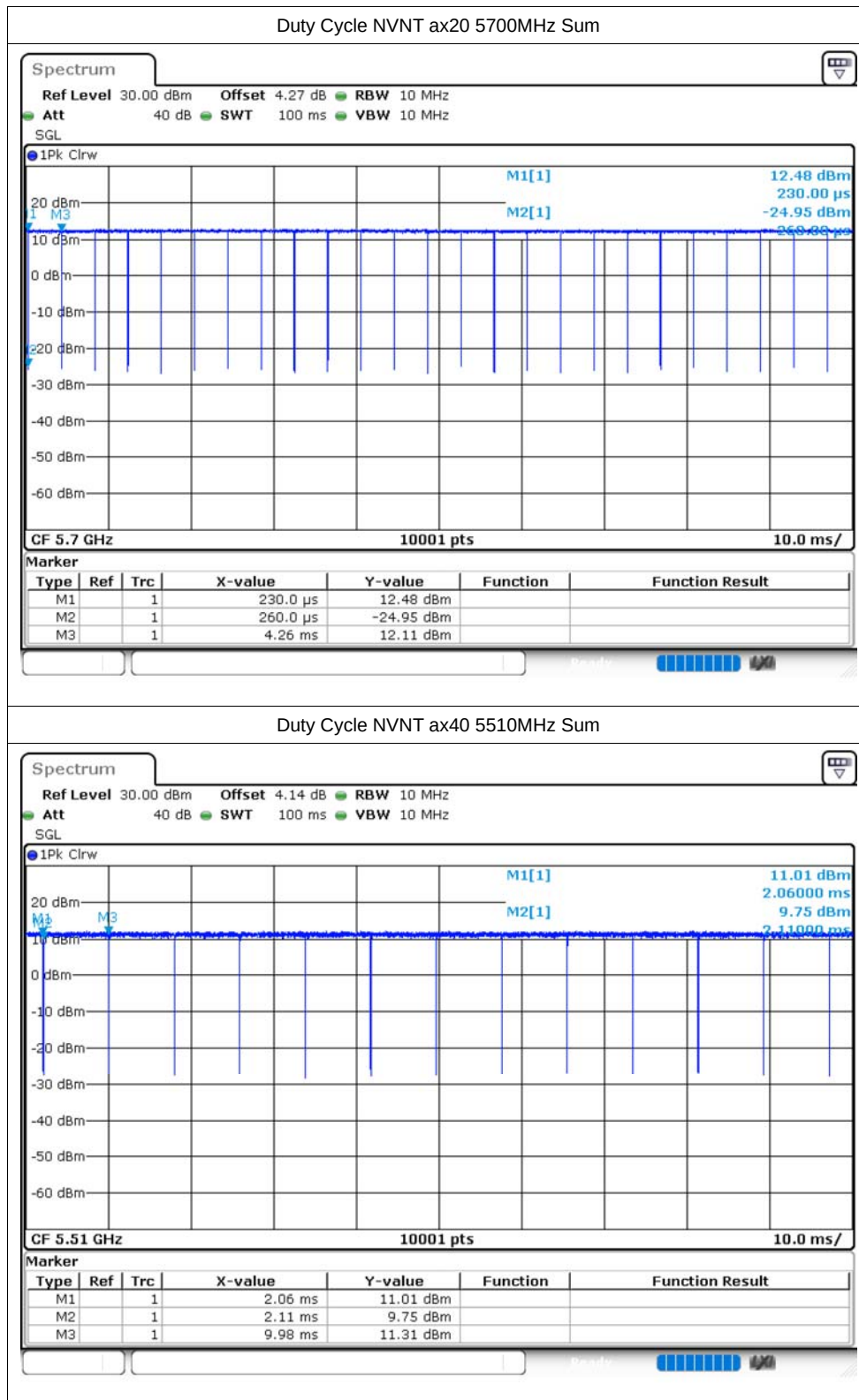


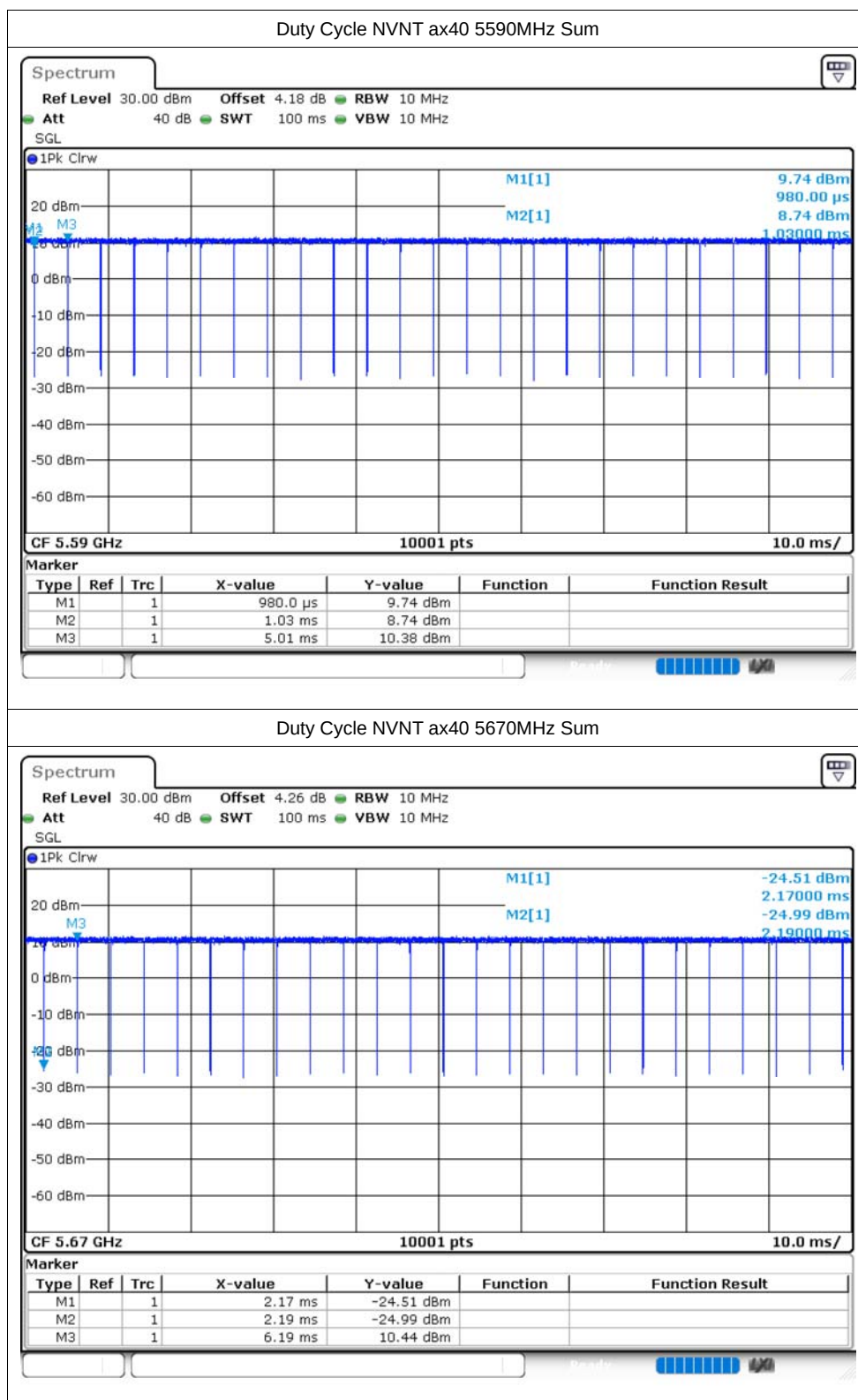


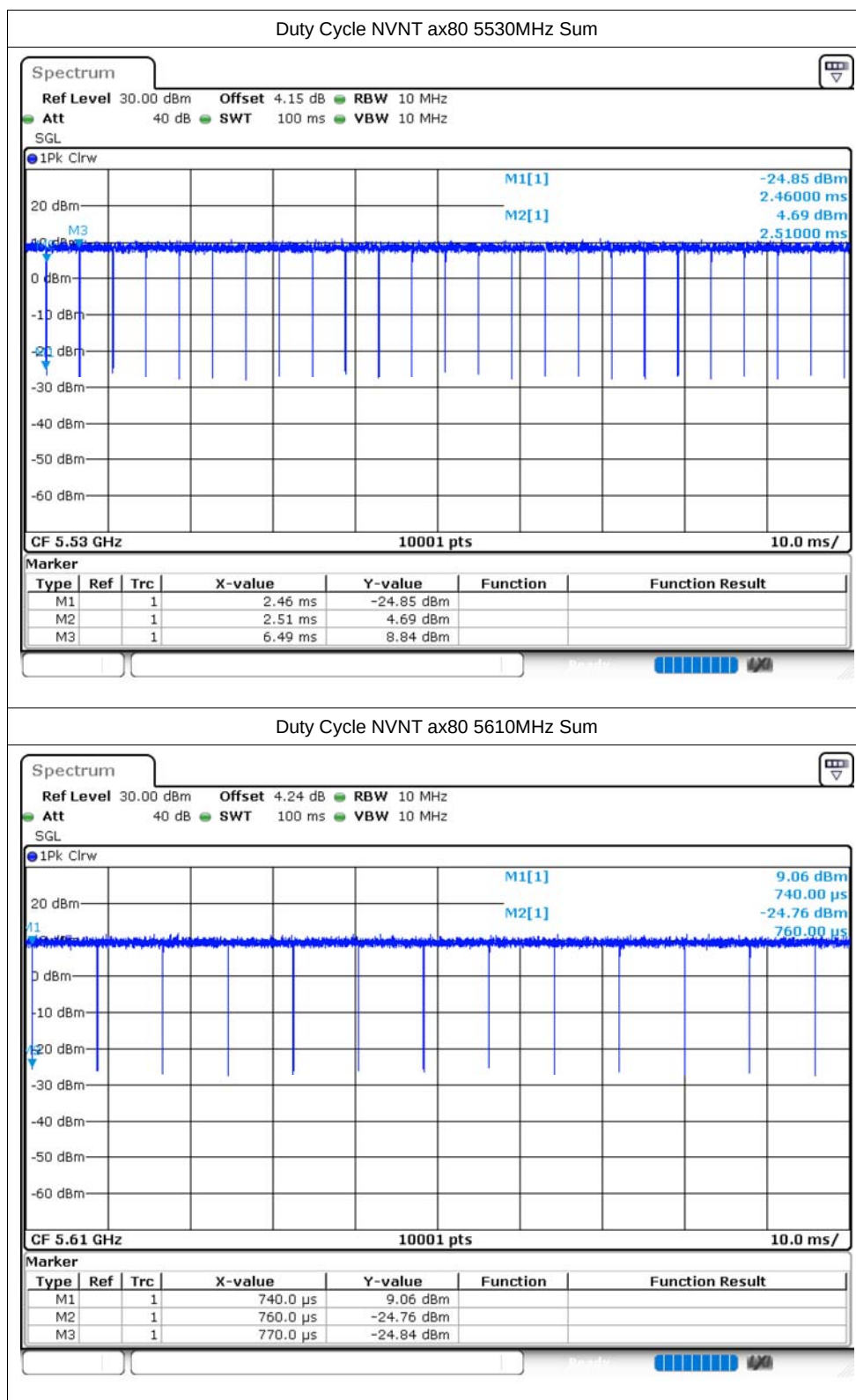


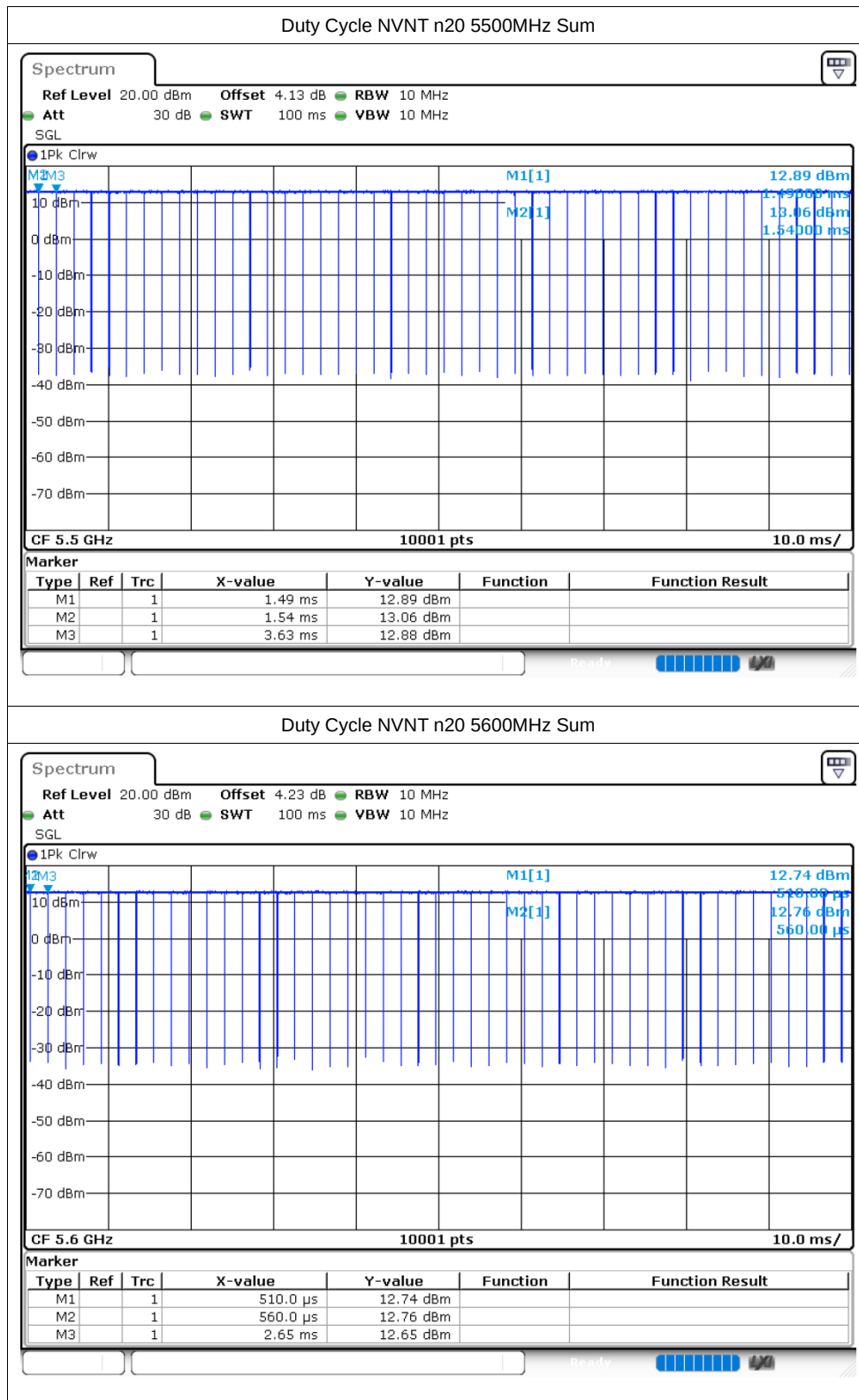


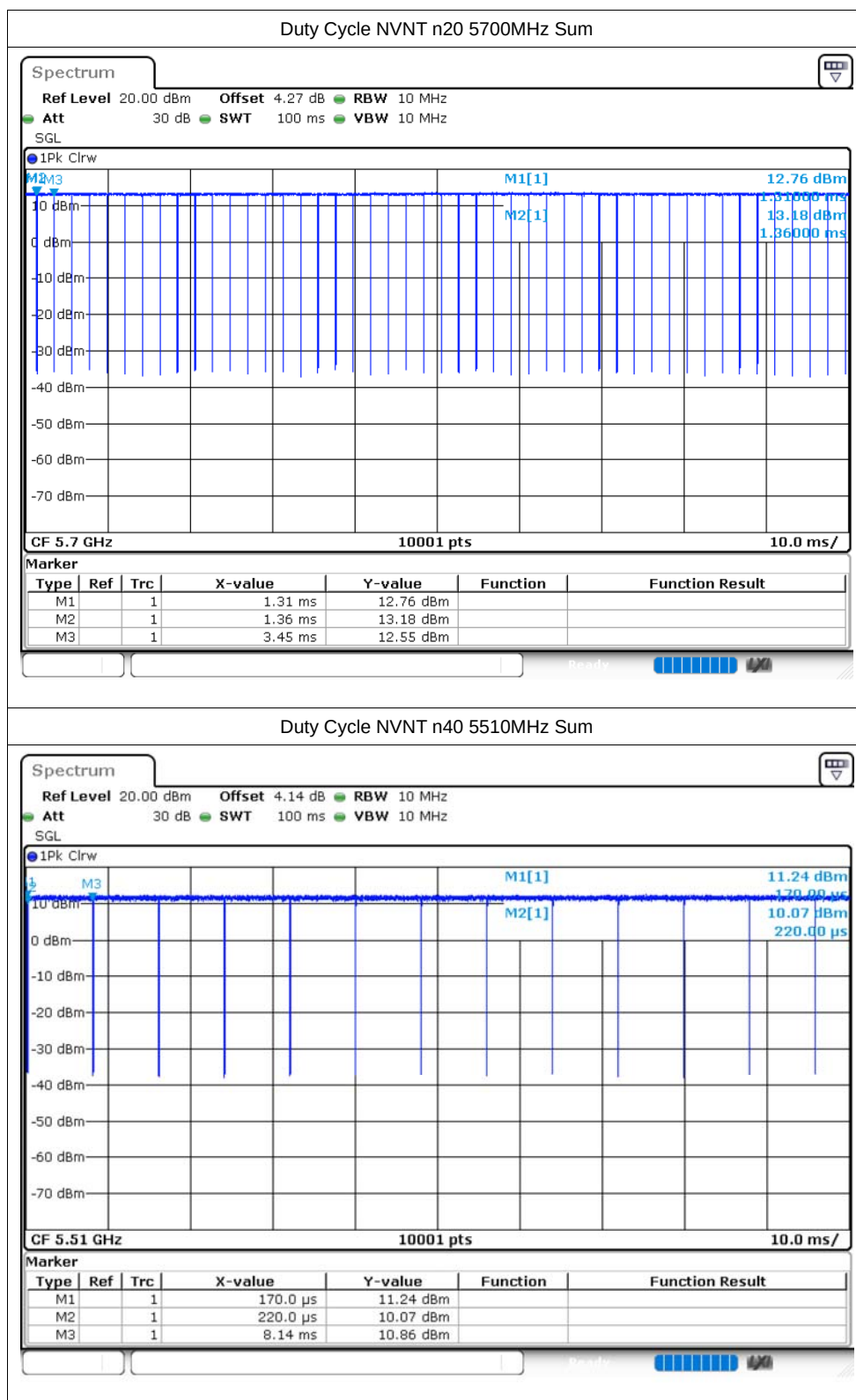


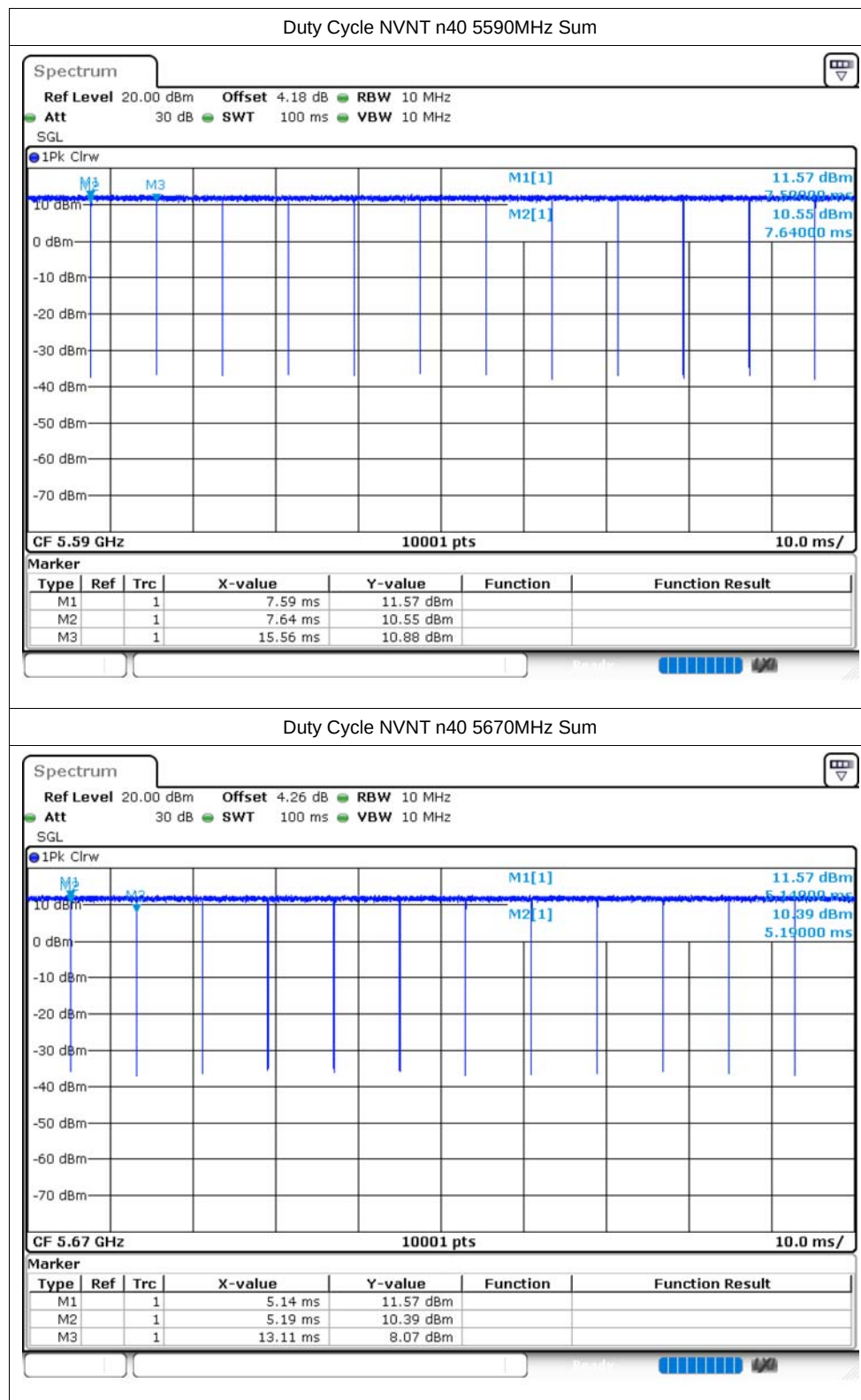












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac160	5570	Ant1	11.39	22.76	Pass
NVNT	ac160	5570	Ant2	10.88	22.76	Pass
NVNT	ac160	5570	Sum	14.15	22.76	Pass
NVNT	ac20	5500	Ant1	10.96	22.76	Pass
NVNT	ac20	5500	Ant2	10.44	22.76	Pass
NVNT	ac20	5500	Sum	13.72	22.76	Pass
NVNT	ac20	5600	Ant1	10.94	22.76	Pass
NVNT	ac20	5600	Ant2	10.31	22.76	Pass
NVNT	ac20	5600	Sum	13.65	22.76	Pass
NVNT	ac20	5700	Ant1	11.06	22.76	Pass
NVNT	ac20	5700	Ant2	10.6	22.76	Pass
NVNT	ac20	5700	Sum	13.85	22.76	Pass
NVNT	ac40	5510	Ant1	11.6	22.76	Pass
NVNT	ac40	5510	Ant2	10.99	22.76	Pass
NVNT	ac40	5510	Sum	14.32	22.76	Pass
NVNT	ac40	5590	Ant1	11.66	22.76	Pass
NVNT	ac40	5590	Ant2	10.85	22.76	Pass
NVNT	ac40	5590	Sum	14.28	22.76	Pass
NVNT	ac40	5670	Ant1	11.55	22.76	Pass
NVNT	ac40	5670	Ant2	11.02	22.76	Pass
NVNT	ac40	5670	Sum	14.3	22.76	Pass
NVNT	ac80	5530	Ant1	11.42	22.76	Pass
NVNT	ac80	5530	Ant2	11.04	22.76	Pass
NVNT	ac80	5530	Sum	14.24	22.76	Pass
NVNT	ac80	5610	Ant1	11.33	22.76	Pass
NVNT	ac80	5610	Ant2	10.89	22.76	Pass
NVNT	ac80	5610	Sum	14.13	22.76	Pass
NVNT	ax160	5570	Ant1	11.54	22.76	Pass
NVNT	ax160	5570	Ant2	10.89	22.76	Pass
NVNT	ax160	5570	Sum	14.24	22.76	Pass
NVNT	ax20	5500	Ant1	11.08	22.76	Pass
NVNT	ax20	5500	Ant2	10.69	22.76	Pass
NVNT	ax20	5500	Sum	13.9	22.76	Pass
NVNT	ax20	5600	Ant1	10.99	22.76	Pass
NVNT	ax20	5600	Ant2	10.51	22.76	Pass
NVNT	ax20	5600	Sum	13.77	22.76	Pass
NVNT	ax20	5700	Ant1	11.12	22.76	Pass
NVNT	ax20	5700	Ant2	10.78	22.76	Pass
NVNT	ax20	5700	Sum	13.96	22.76	Pass
NVNT	ax40	5510	Ant1	11.15	22.76	Pass

NVNT	ax40	5510	Ant2	10.65	22.76	Pass
NVNT	ax40	5510	Sum	13.92	22.76	Pass
NVNT	ax40	5590	Ant1	11.33	22.76	Pass
NVNT	ax40	5590	Ant2	10.57	22.76	Pass
NVNT	ax40	5590	Sum	13.98	22.76	Pass
NVNT	ax40	5670	Ant1	11.26	22.76	Pass
NVNT	ax40	5670	Ant2	10.7	22.76	Pass
NVNT	ax40	5670	Sum	14	22.76	Pass
NVNT	ax80	5530	Ant1	10.98	22.76	Pass
NVNT	ax80	5530	Ant2	10.6	22.76	Pass
NVNT	ax80	5530	Sum	13.8	22.76	Pass
NVNT	ax80	5610	Ant1	11.07	22.76	Pass
NVNT	ax80	5610	Ant2	10.47	22.76	Pass
NVNT	ax80	5610	Sum	13.79	22.76	Pass
NVNT	n20	5500	Ant1	11.07	22.76	Pass
NVNT	n20	5500	Ant2	10.67	22.76	Pass
NVNT	n20	5500	Sum	13.88	22.76	Pass
NVNT	n20	5600	Ant1	10.85	22.76	Pass
NVNT	n20	5600	Ant2	10.47	22.76	Pass
NVNT	n20	5600	Sum	13.67	22.76	Pass
NVNT	n20	5700	Ant1	11.15	22.76	Pass
NVNT	n20	5700	Ant2	10.75	22.76	Pass
NVNT	n20	5700	Sum	13.96	22.76	Pass
NVNT	n40	5510	Ant1	11.39	22.76	Pass
NVNT	n40	5510	Ant2	11.01	22.76	Pass
NVNT	n40	5510	Sum	14.21	22.76	Pass
NVNT	n40	5590	Ant1	11.63	22.76	Pass
NVNT	n40	5590	Ant2	10.84	22.76	Pass
NVNT	n40	5590	Sum	14.26	22.76	Pass
NVNT	n40	5670	Ant1	11.69	22.76	Pass
NVNT	n40	5670	Ant2	10.96	22.76	Pass
NVNT	n40	5670	Sum	14.35	22.76	Pass

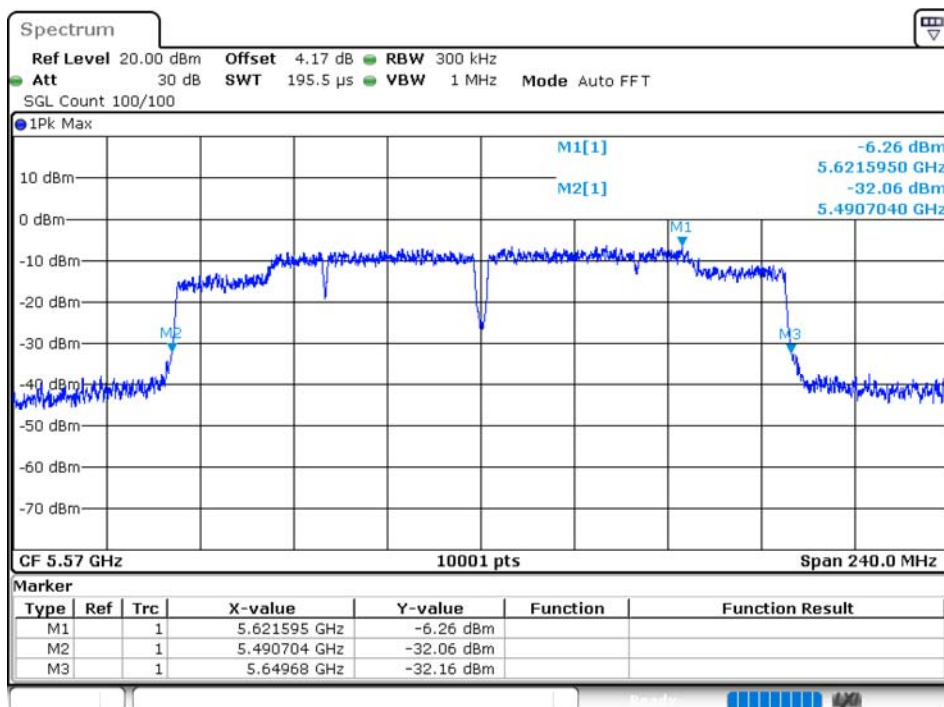
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	ac160	5570	Ant1	158.976	Pass
NVNT	ac160	5570	Ant2	159.84	Pass
NVNT	ac20	5500	Ant1	23.664	Pass
NVNT	ac20	5500	Ant2	23.475	Pass
NVNT	ac20	5600	Ant1	23.283	Pass
NVNT	ac20	5600	Ant2	24.426	Pass
NVNT	ac20	5700	Ant1	23.505	Pass
NVNT	ac20	5700	Ant2	23.631	Pass
NVNT	ac40	5510	Ant1	44.742	Pass
NVNT	ac40	5510	Ant2	43.44	Pass
NVNT	ac40	5590	Ant1	43.266	Pass
NVNT	ac40	5590	Ant2	43.548	Pass
NVNT	ac40	5670	Ant1	43.716	Pass
NVNT	ac40	5670	Ant2	43.5	Pass
NVNT	ac80	5530	Ant1	82.668	Pass
NVNT	ac80	5530	Ant2	85.848	Pass
NVNT	ac80	5610	Ant1	92.22	Pass
NVNT	ac80	5610	Ant2	87.948	Pass
NVNT	ax160	5570	Ant1	159.408	Pass
NVNT	ax160	5570	Ant2	159.624	Pass
NVNT	ax20	5500	Ant1	22.92	Pass
NVNT	ax20	5500	Ant2	22.686	Pass
NVNT	ax20	5600	Ant1	22.92	Pass
NVNT	ax20	5600	Ant2	23.304	Pass
NVNT	ax20	5700	Ant1	22.911	Pass
NVNT	ax20	5700	Ant2	22.152	Pass
NVNT	ax40	5510	Ant1	43.218	Pass
NVNT	ax40	5510	Ant2	42.75	Pass
NVNT	ax40	5590	Ant1	42.54	Pass
NVNT	ax40	5590	Ant2	43.068	Pass
NVNT	ax40	5670	Ant1	42.624	Pass
NVNT	ax40	5670	Ant2	43.188	Pass
NVNT	ax80	5530	Ant1	81.972	Pass
NVNT	ax80	5530	Ant2	82.884	Pass
NVNT	ax80	5610	Ant1	85.428	Pass
NVNT	ax80	5610	Ant2	83.94	Pass
NVNT	n20	5500	Ant1	24.741	Pass
NVNT	n20	5500	Ant2	22.953	Pass
NVNT	n20	5600	Ant1	23.385	Pass
NVNT	n20	5600	Ant2	24.213	Pass
NVNT	n20	5700	Ant1	22.947	Pass

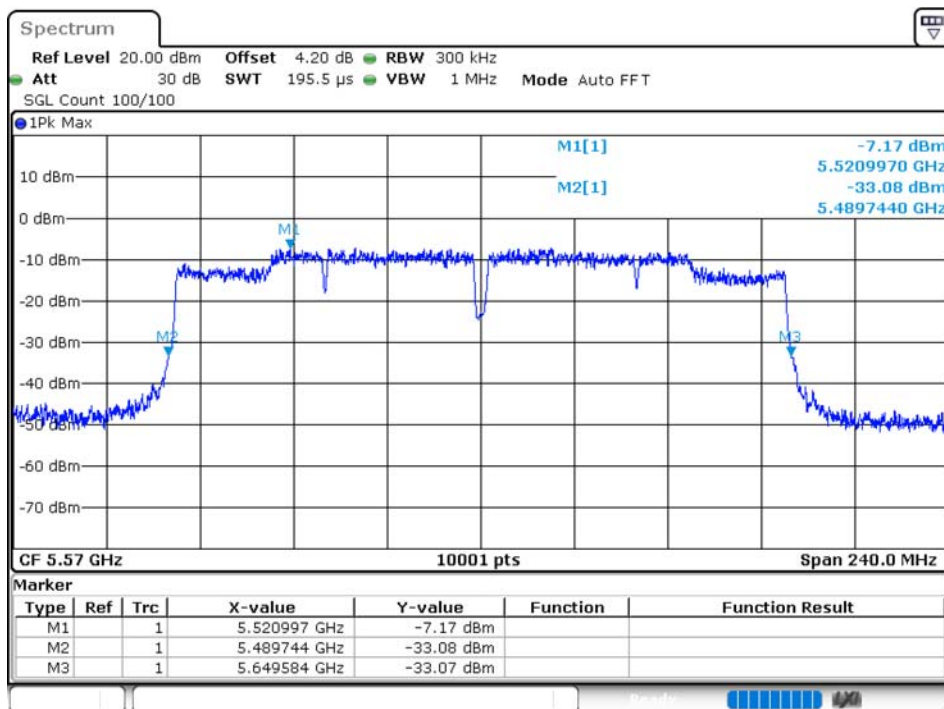
NVNT	n20	5700	Ant2	22.467	Pass
NVNT	n40	5510	Ant1	43.704	Pass
NVNT	n40	5510	Ant2	43.572	Pass
NVNT	n40	5590	Ant1	43.968	Pass
NVNT	n40	5590	Ant2	43.56	Pass
NVNT	n40	5670	Ant1	43.968	Pass
NVNT	n40	5670	Ant2	43.884	Pass

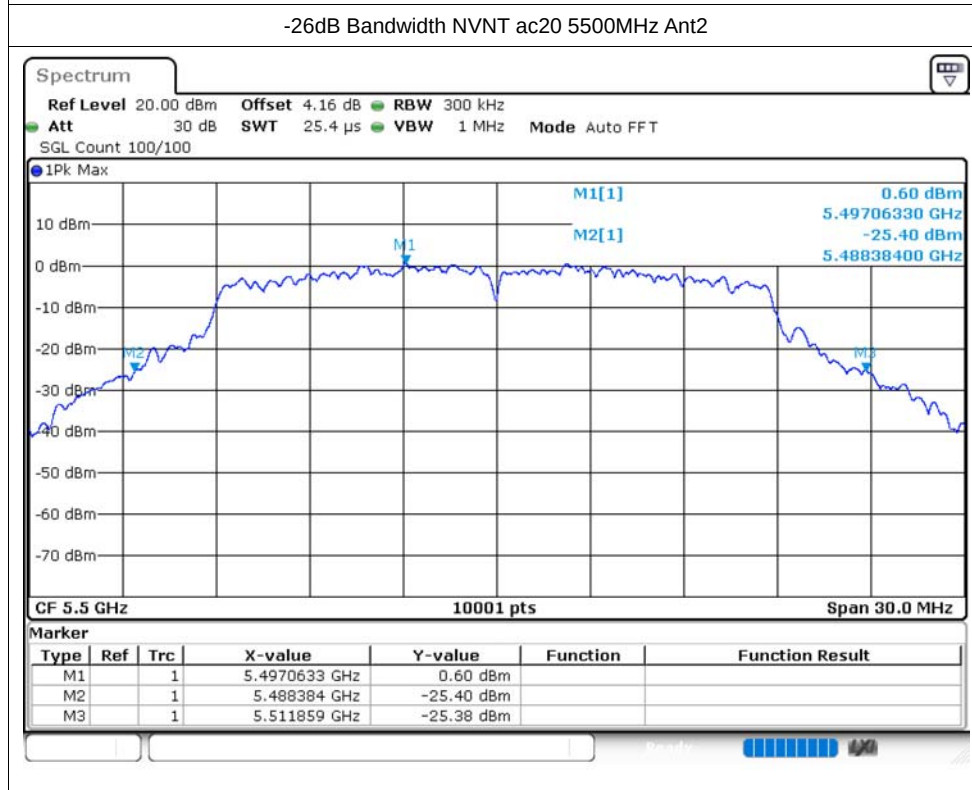
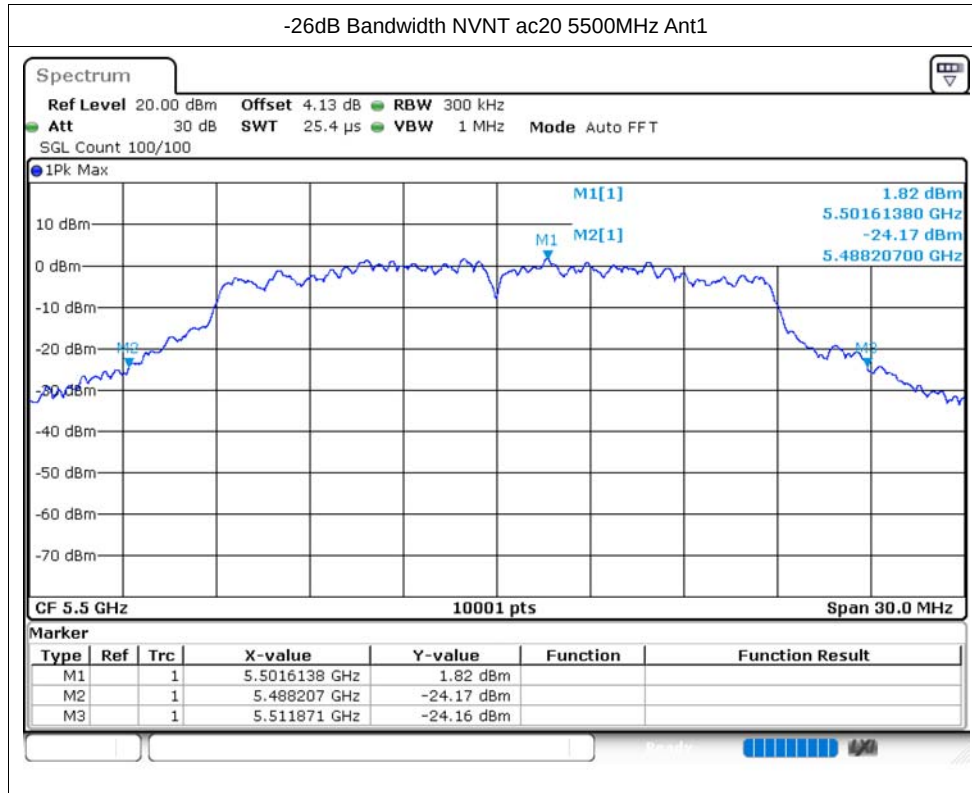
Test Graphs

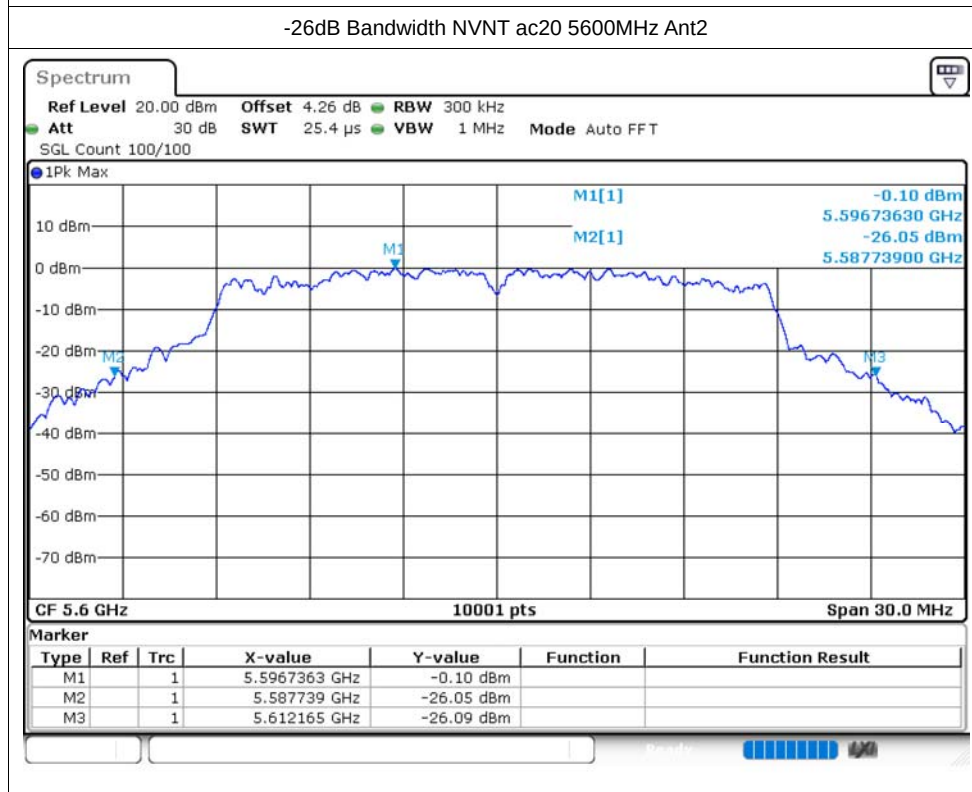
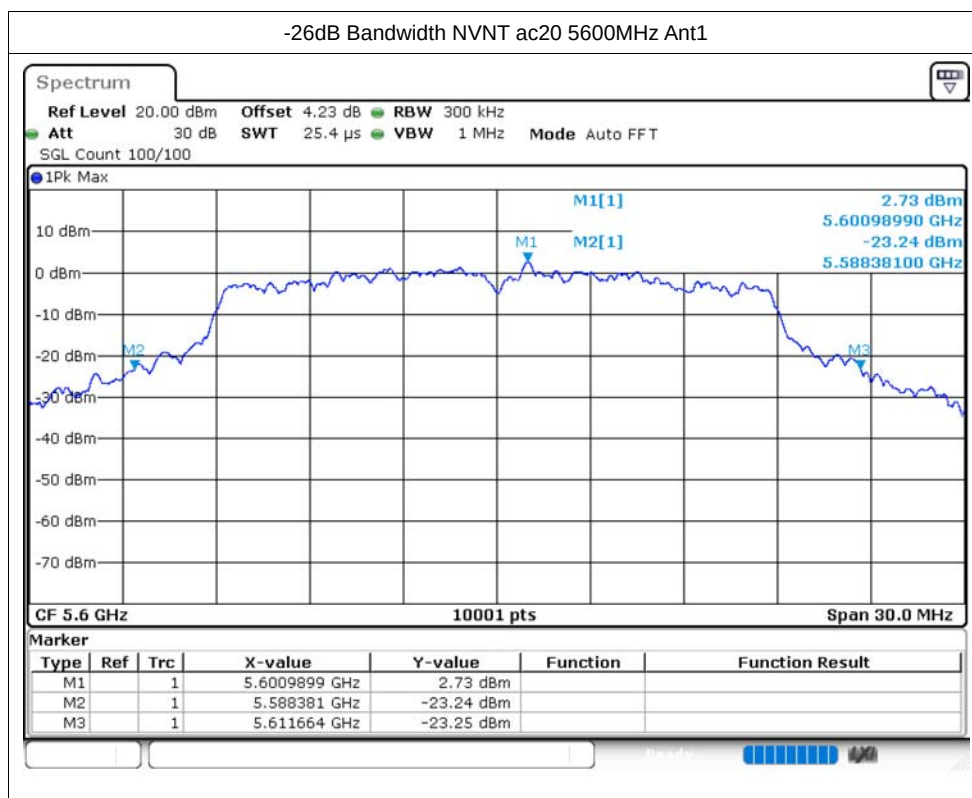
-26dB Bandwidth NVNT ac160 5570MHz Ant1

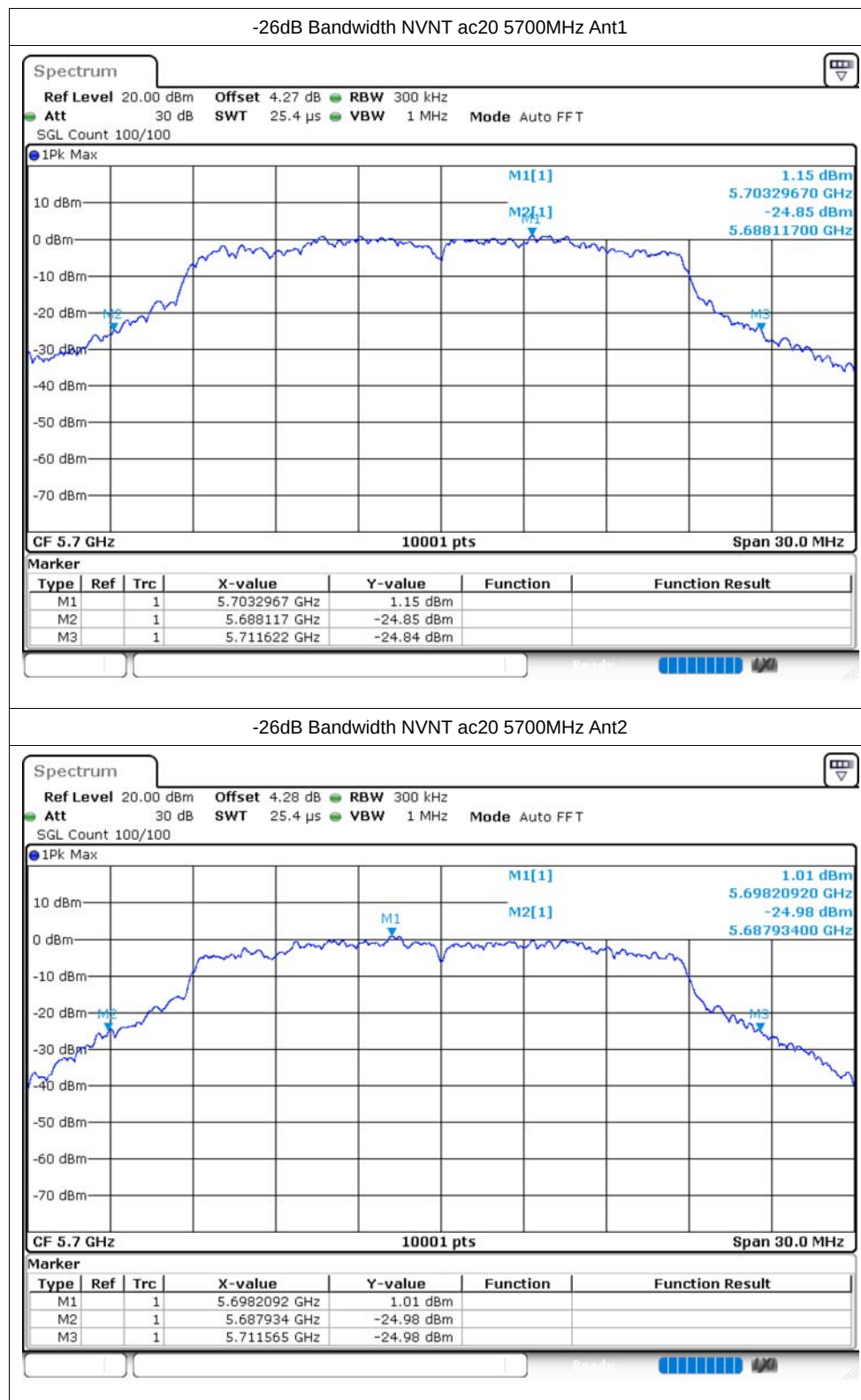


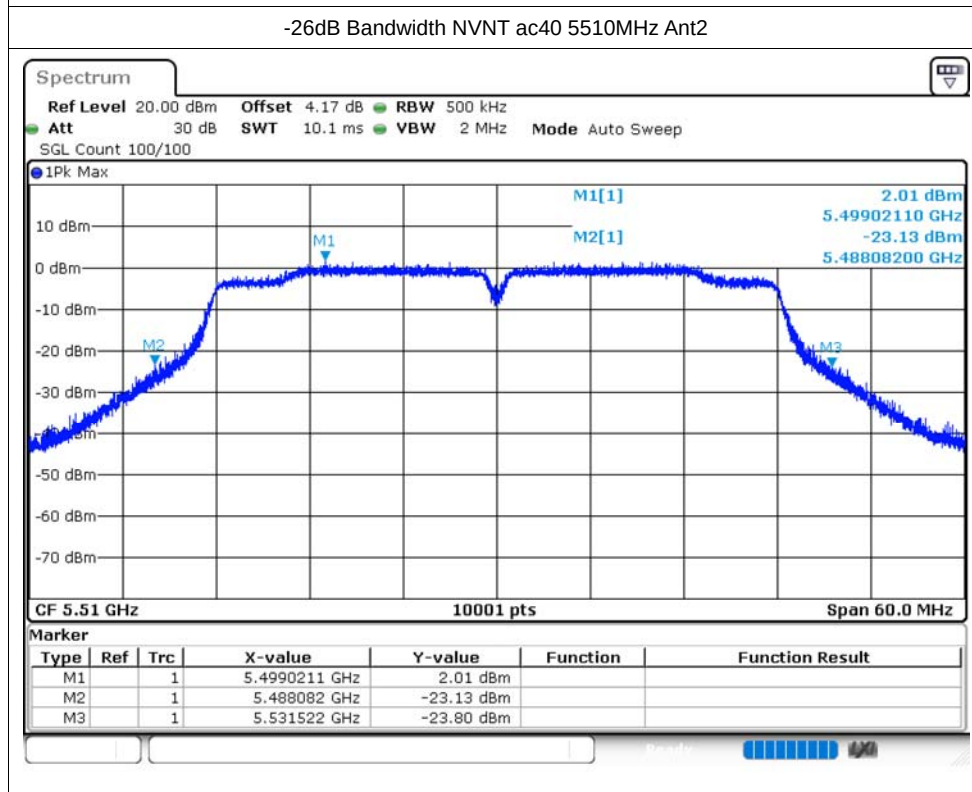
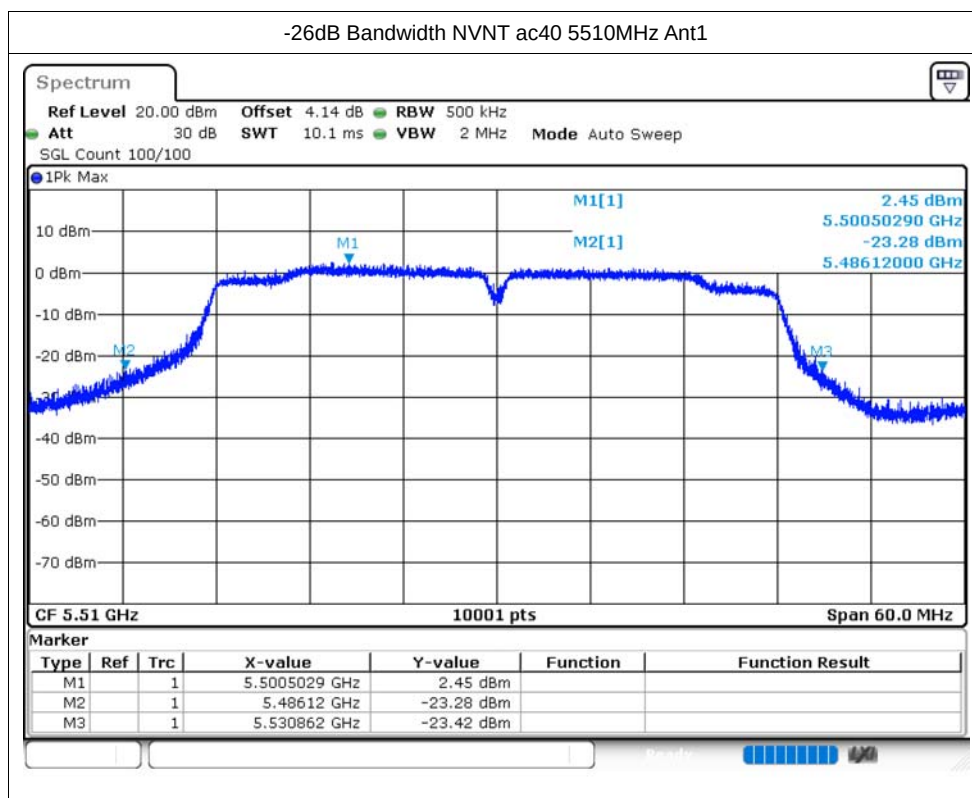
-26dB Bandwidth NVNT ac160 5570MHz Ant2

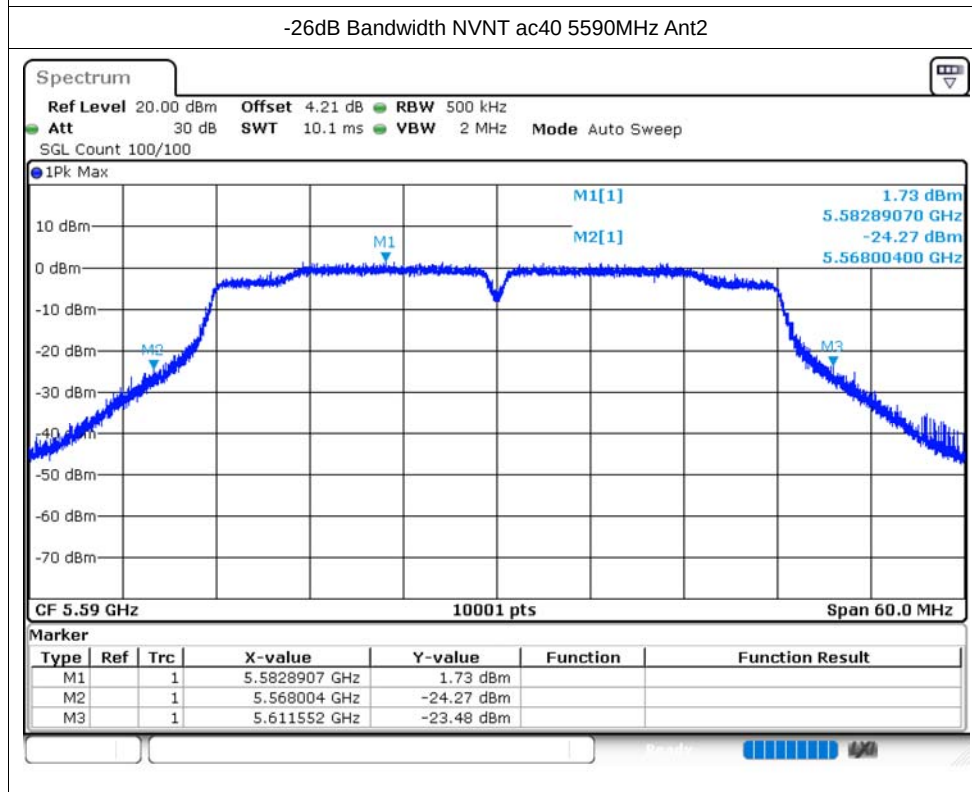
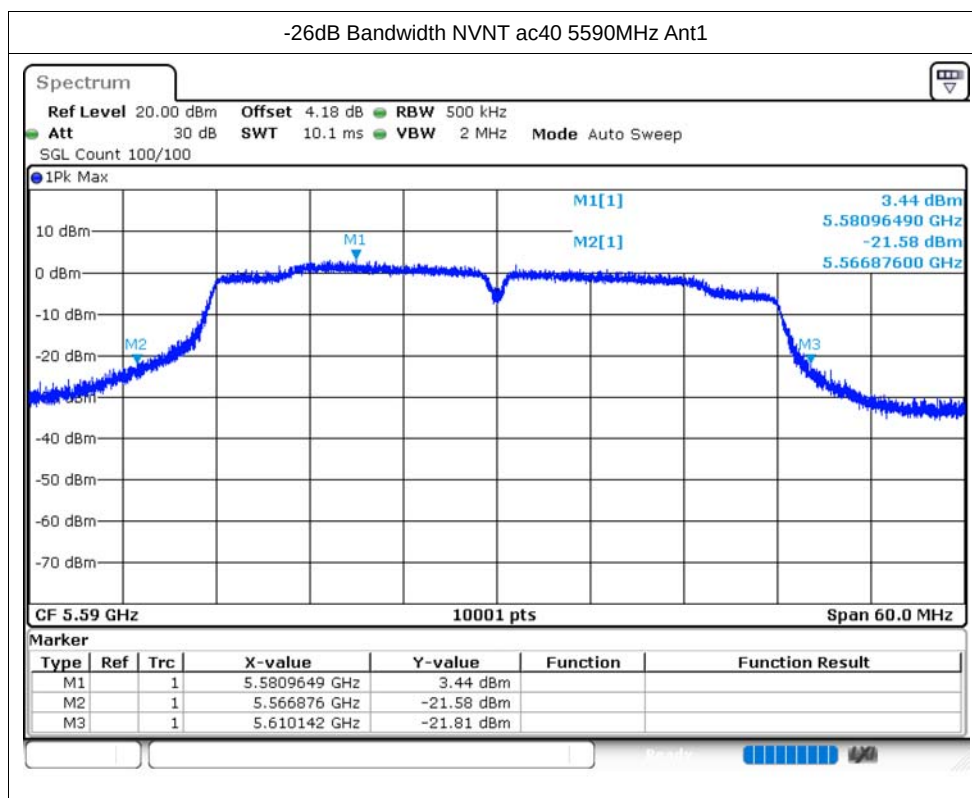


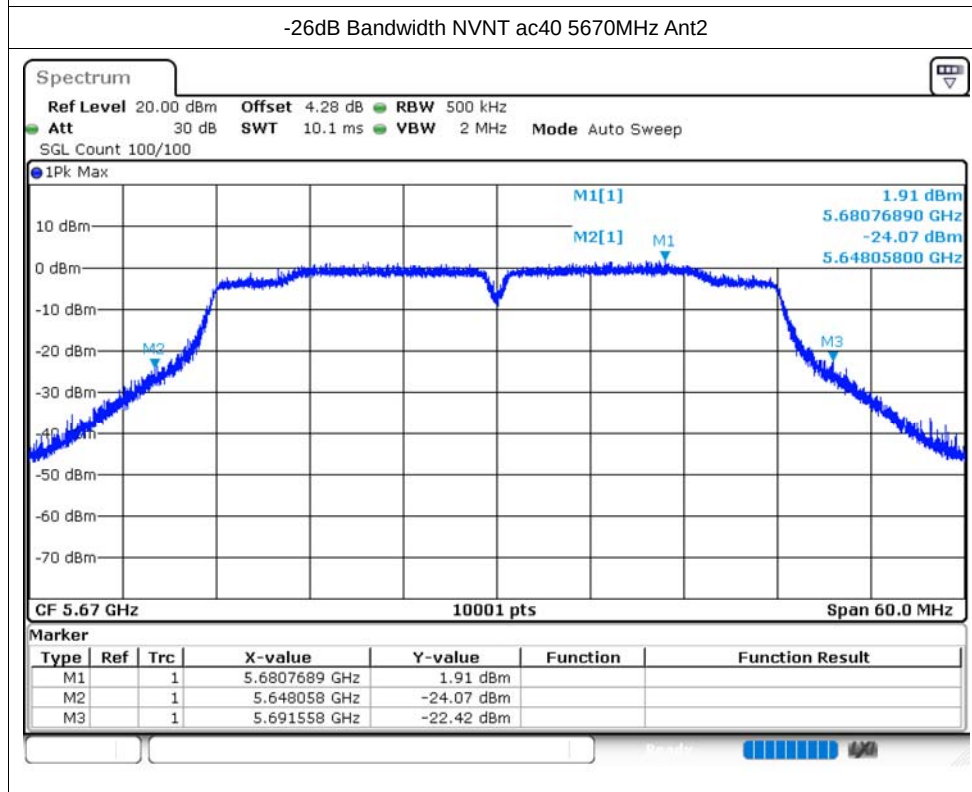
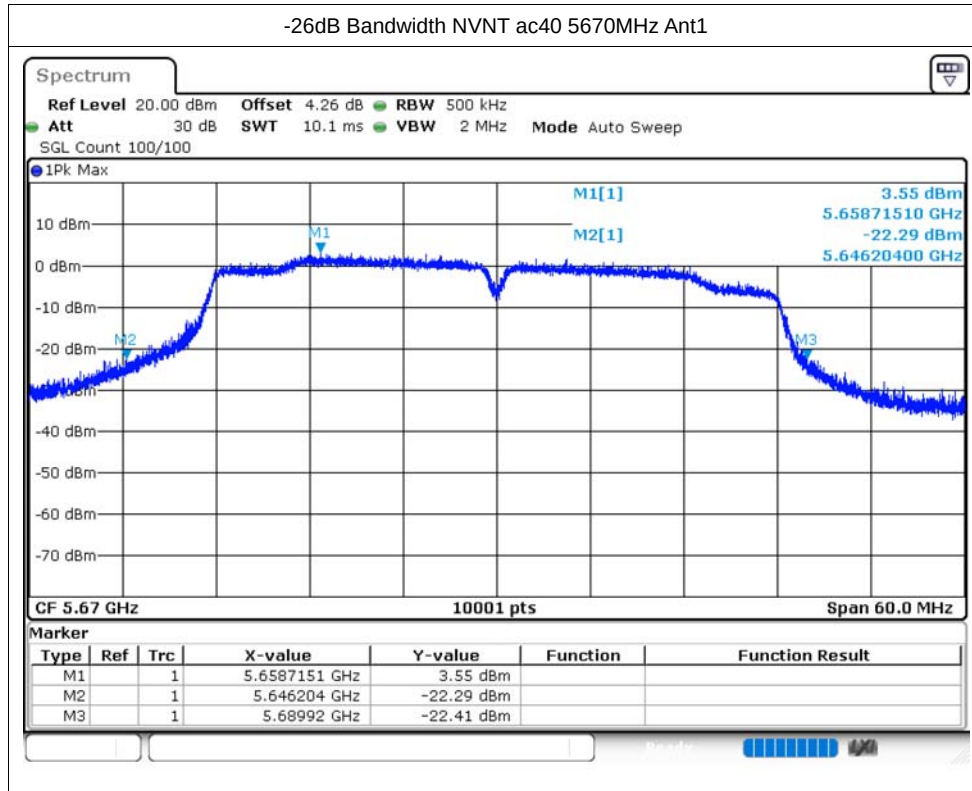


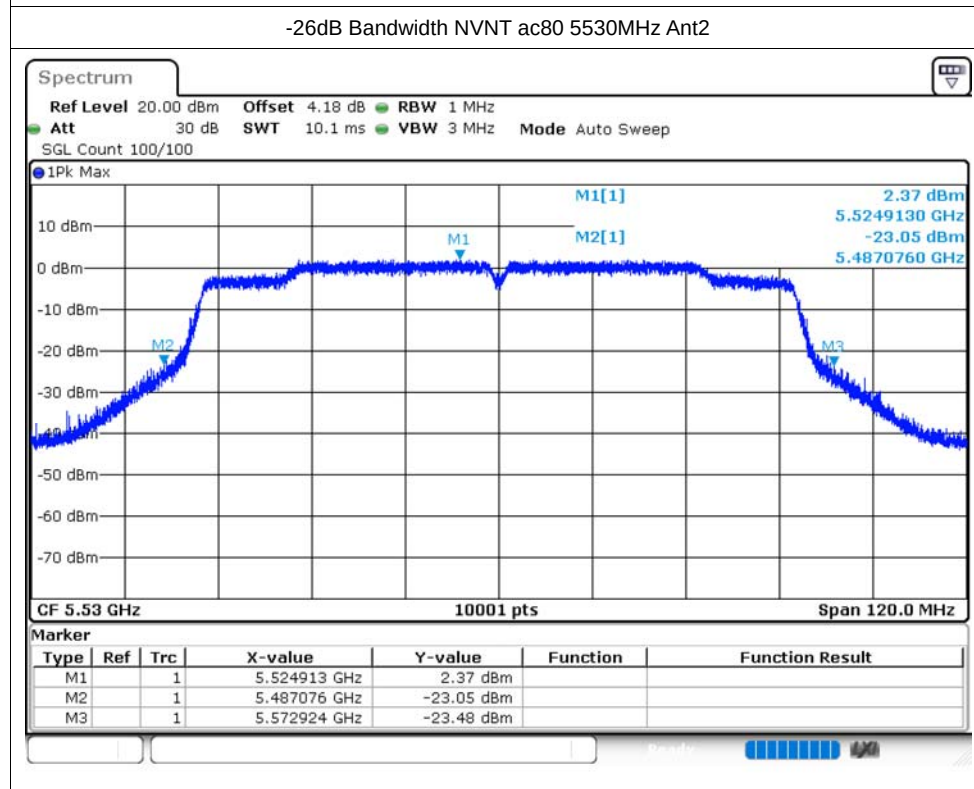
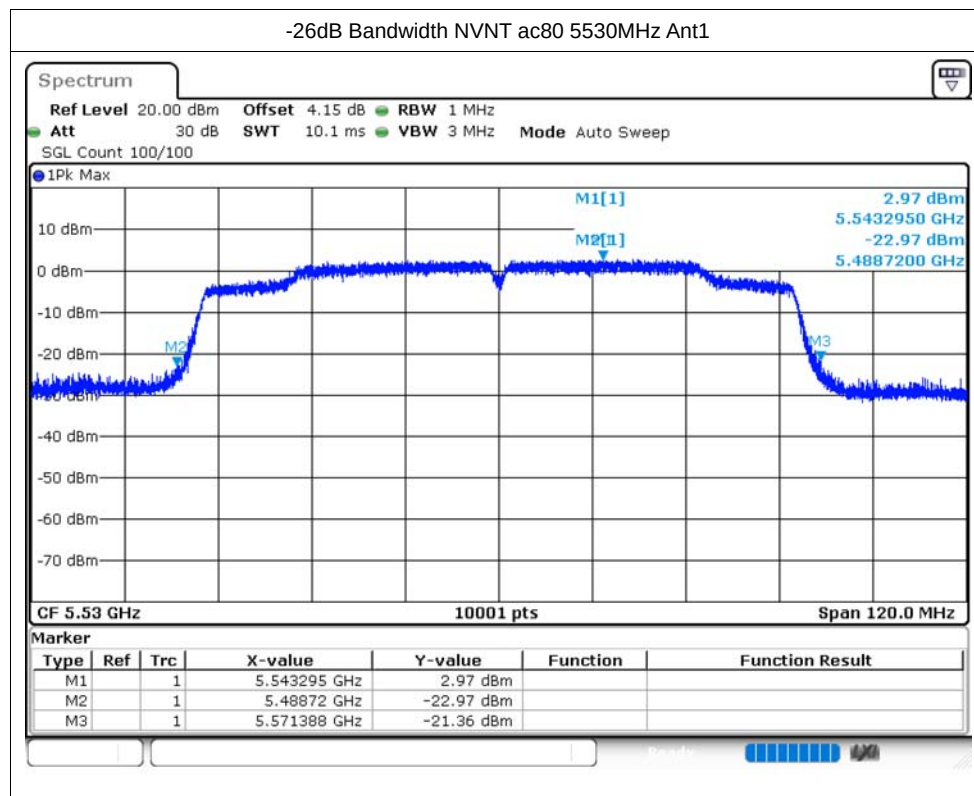


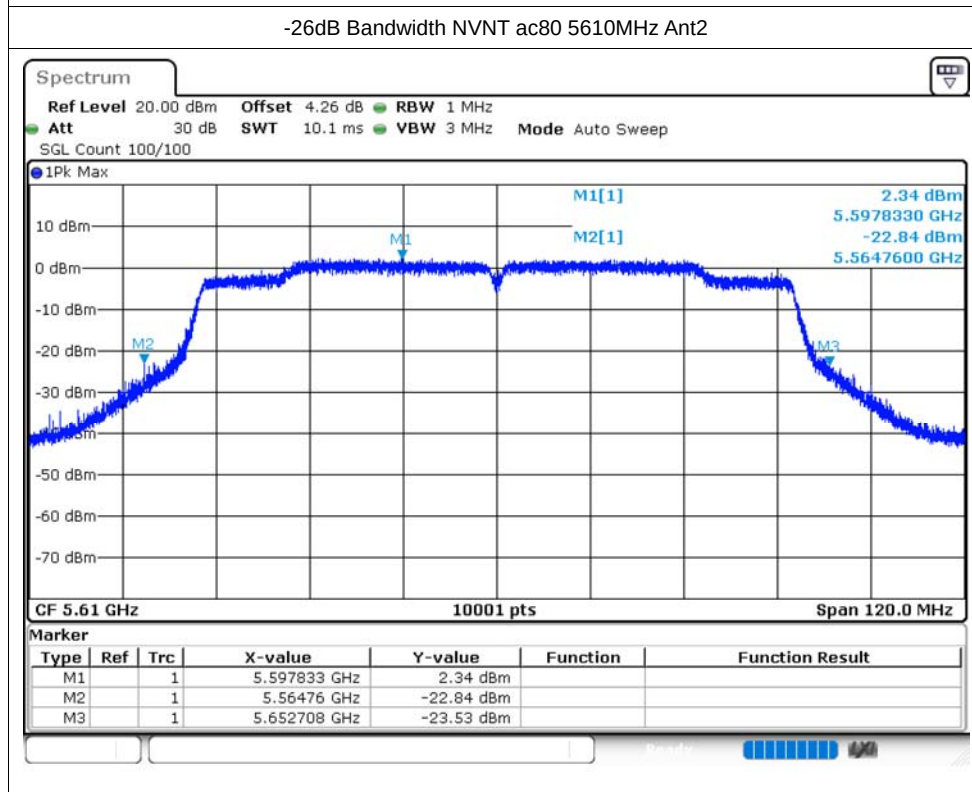
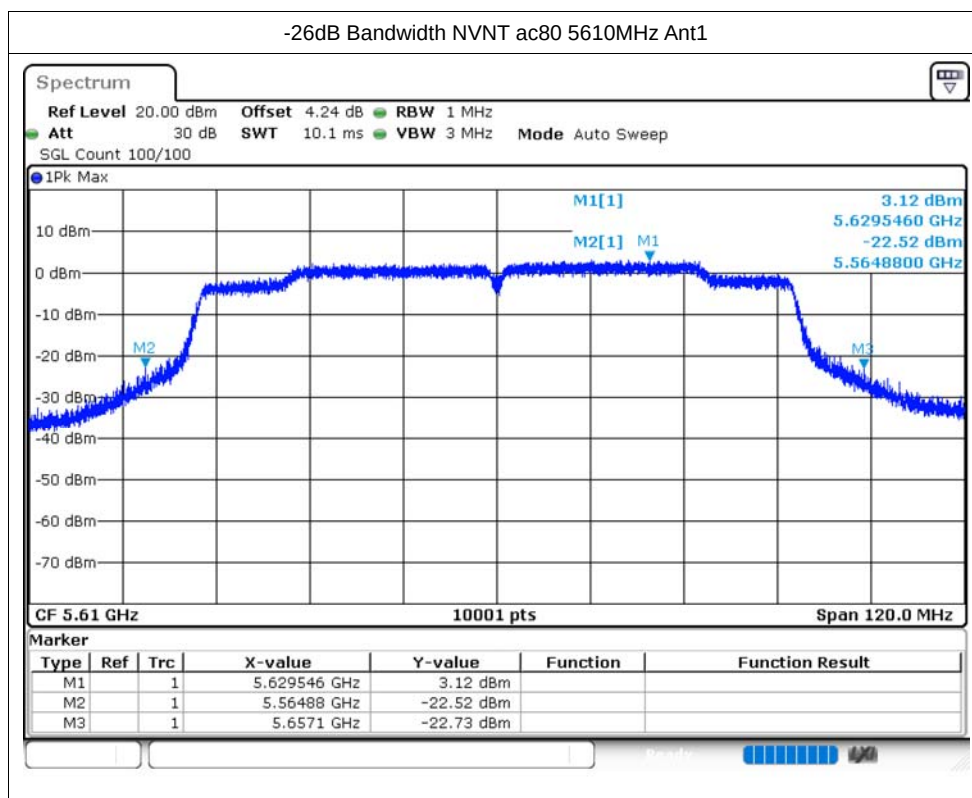




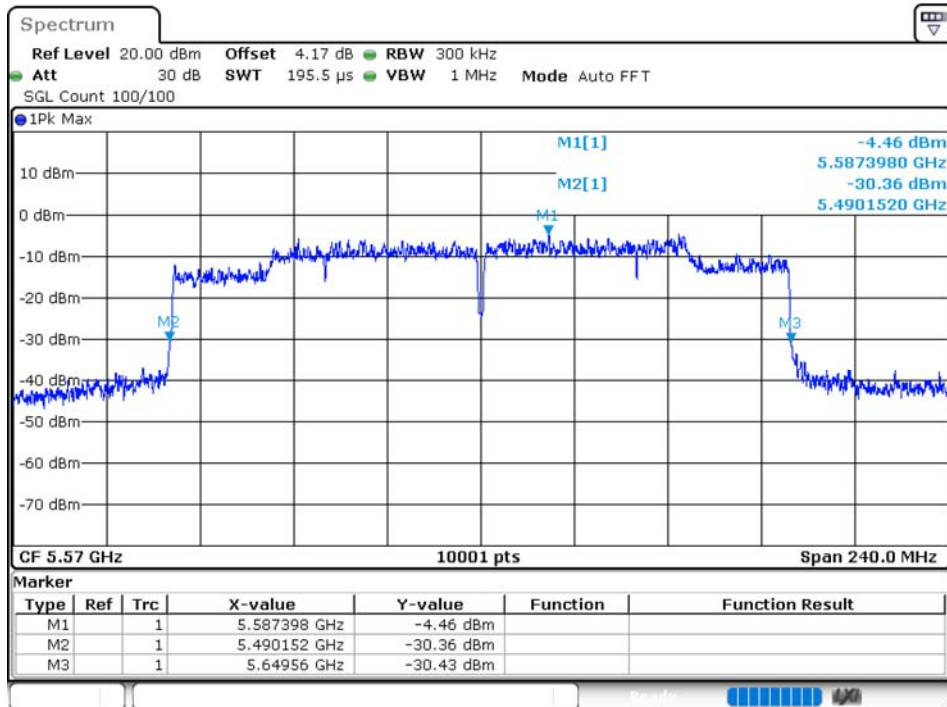




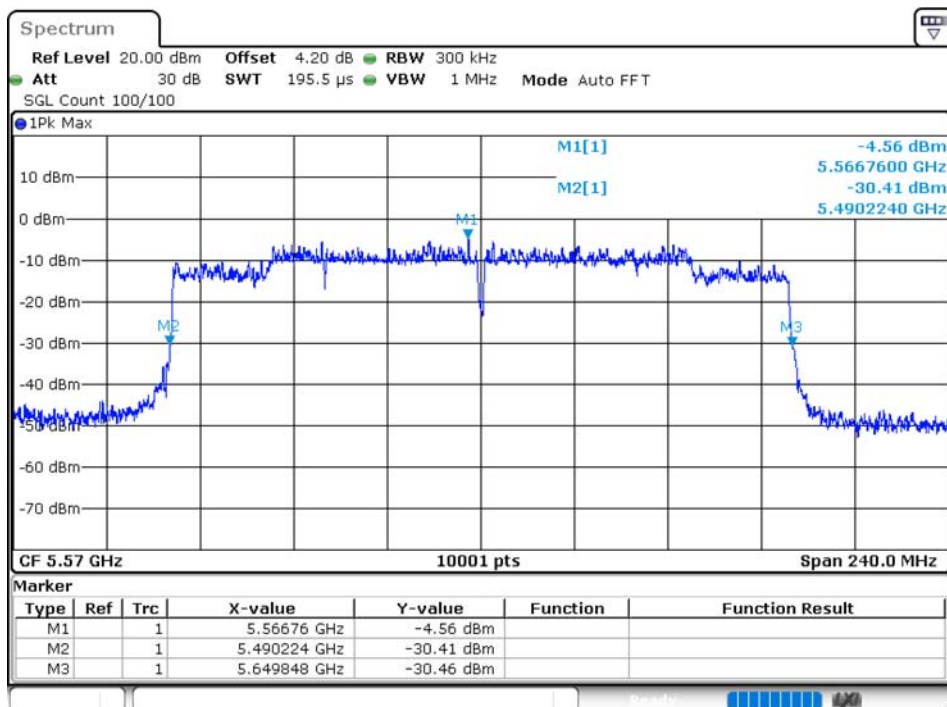


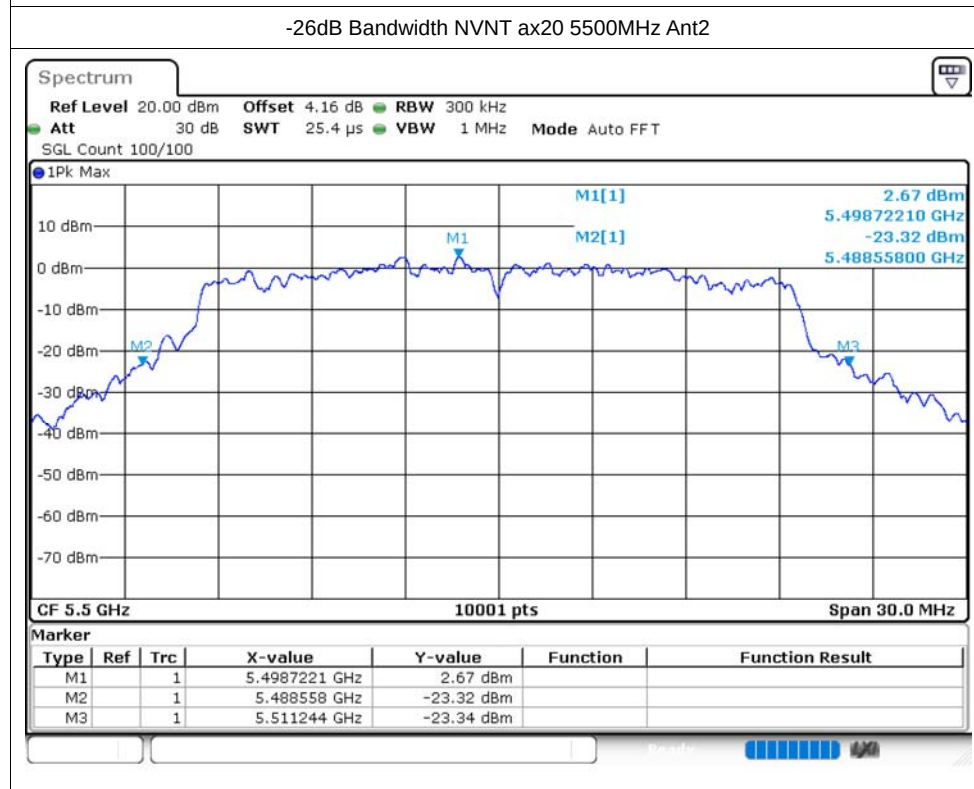
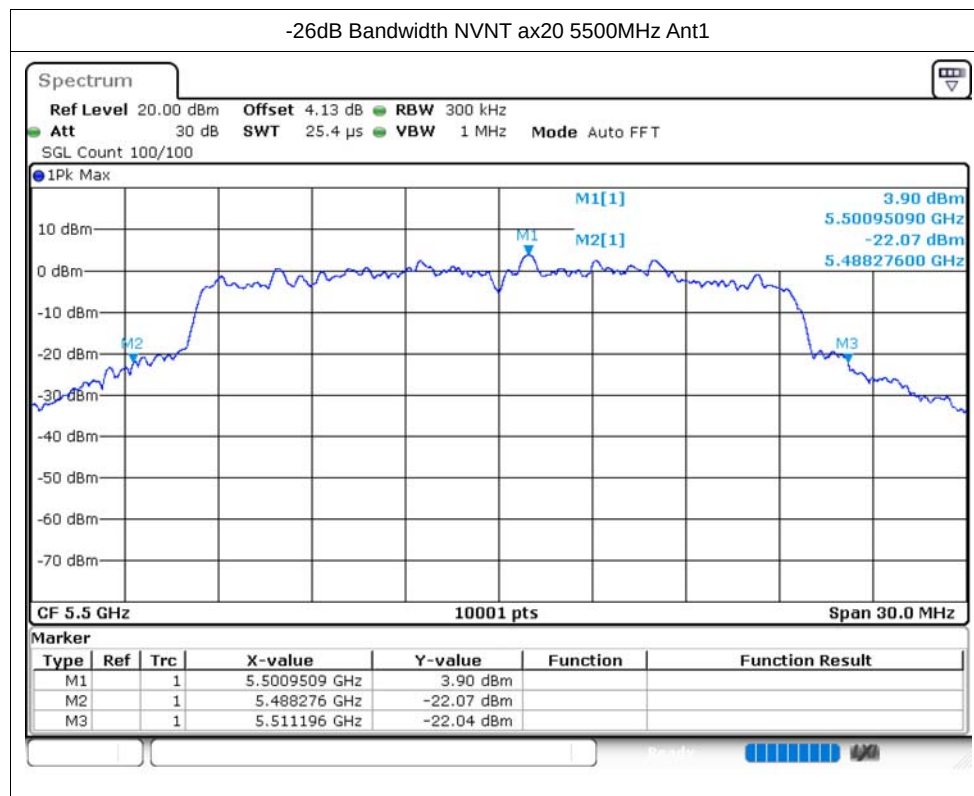


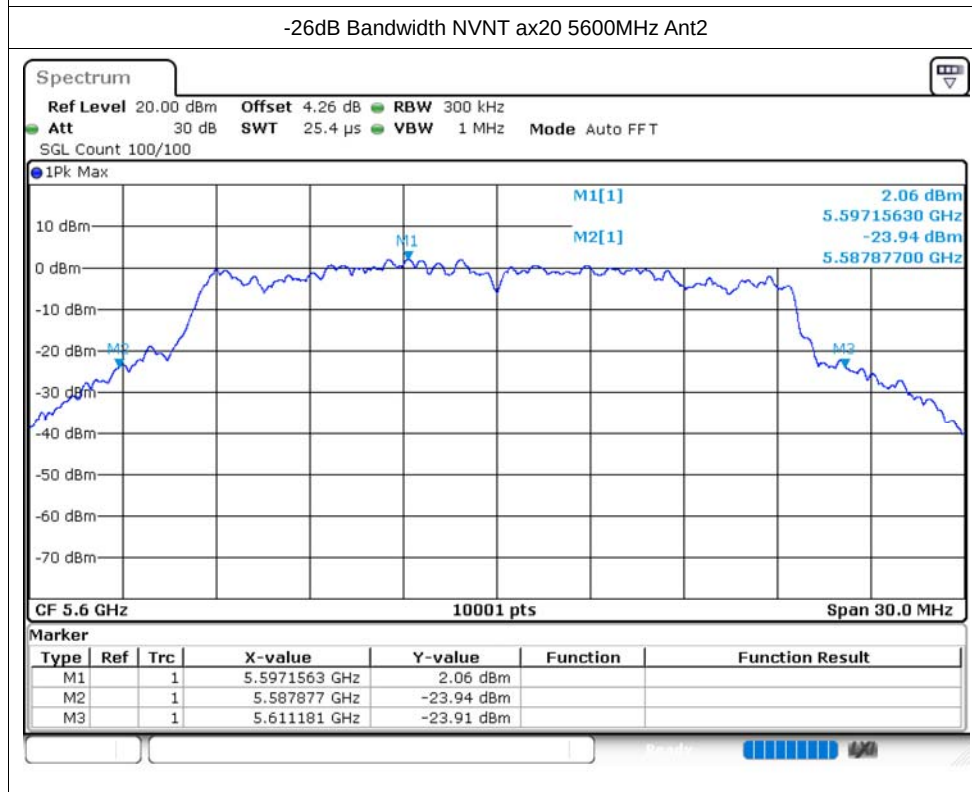
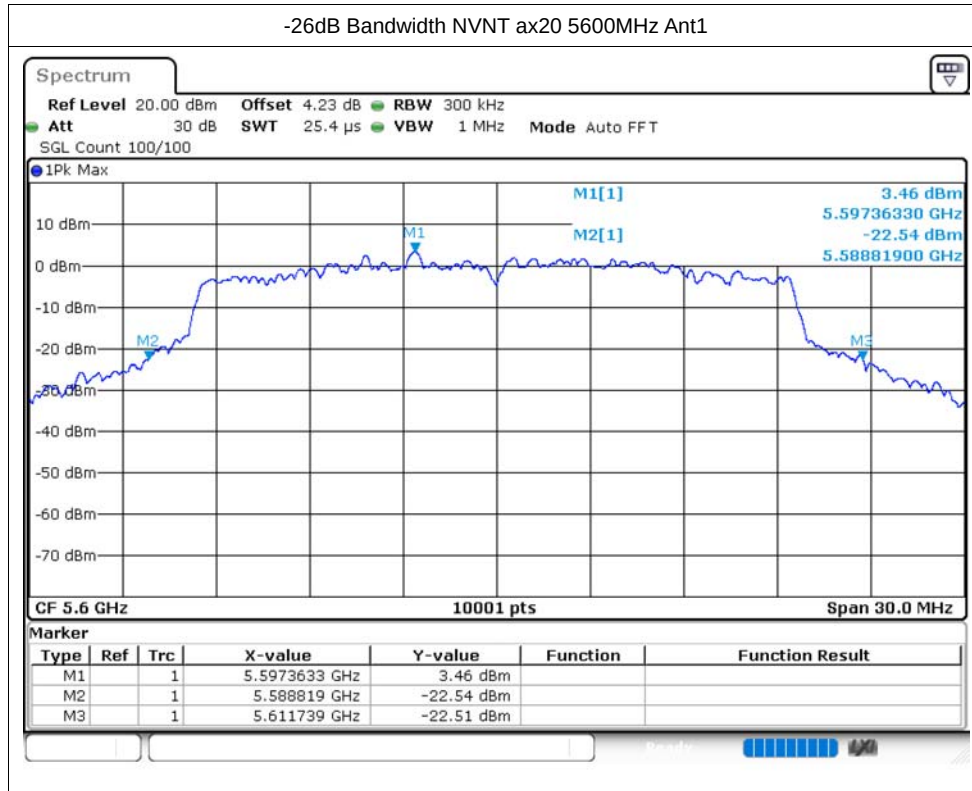
-26dB Bandwidth NVNT ax160 5570MHz Ant1

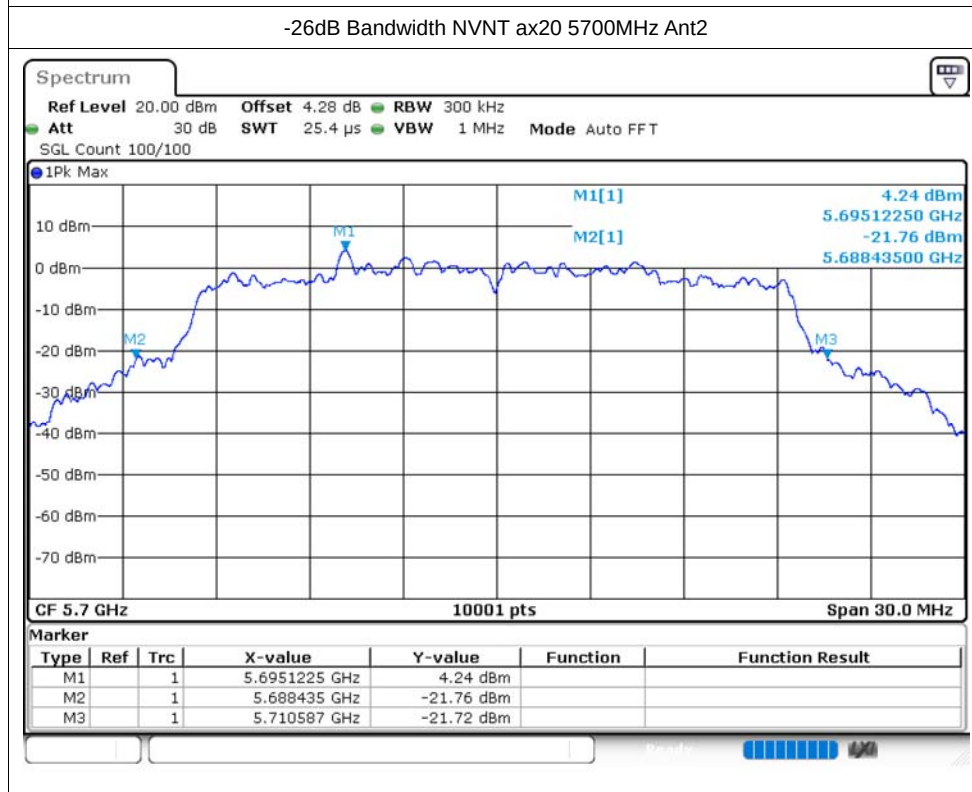
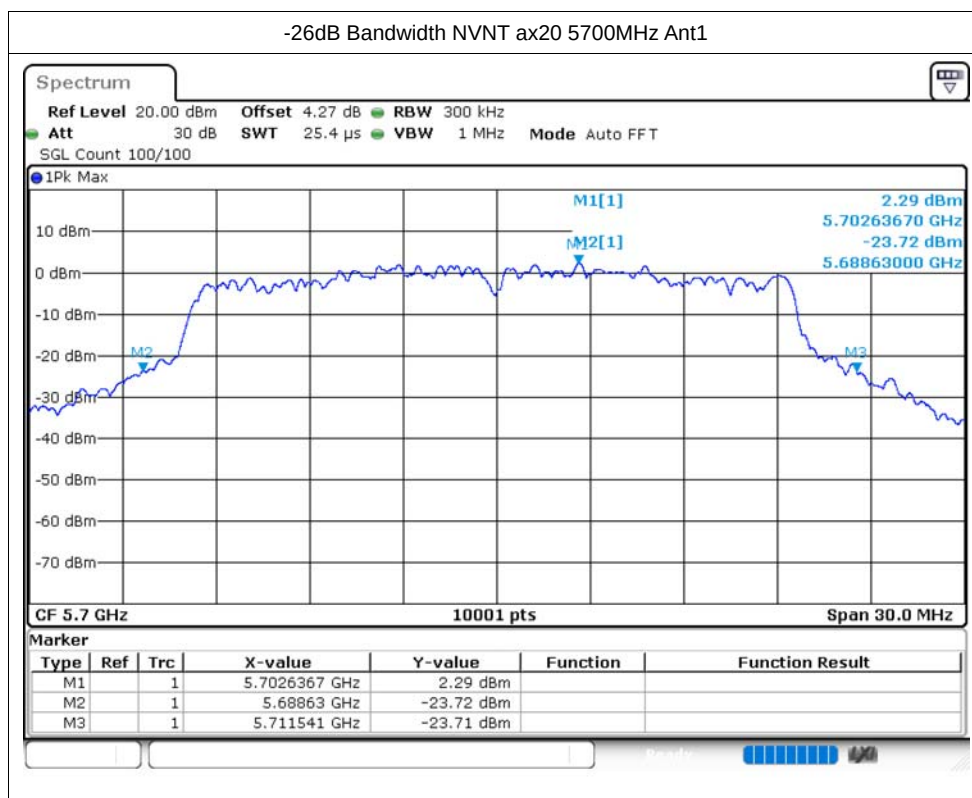


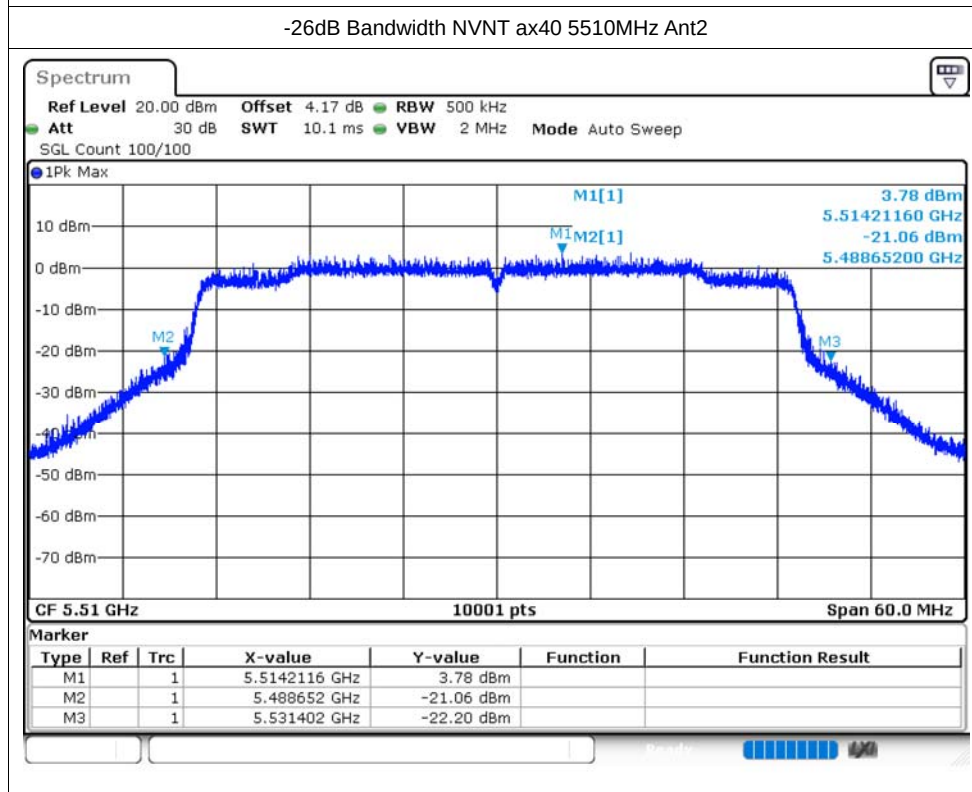
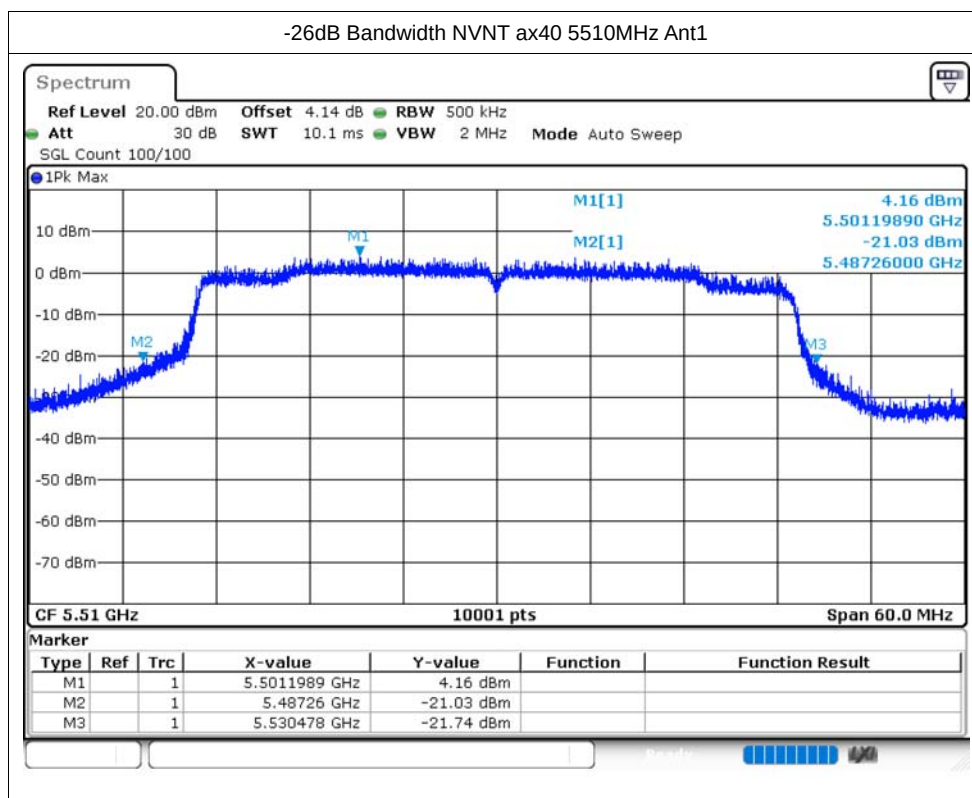
-26dB Bandwidth NVNT ax160 5570MHz Ant2

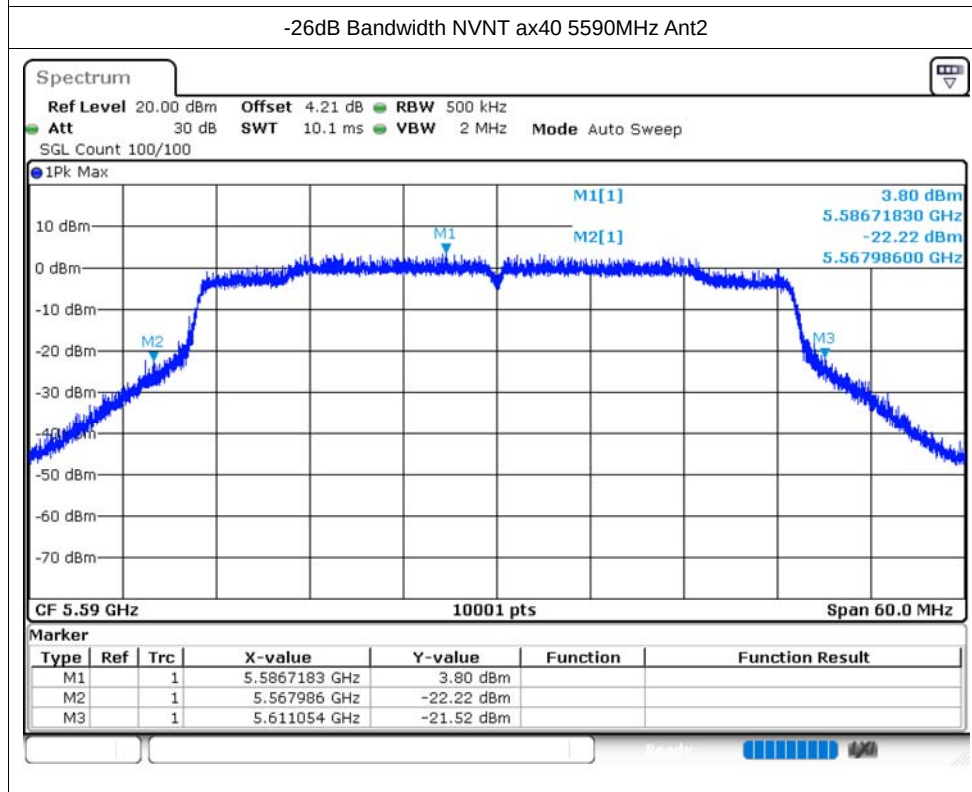
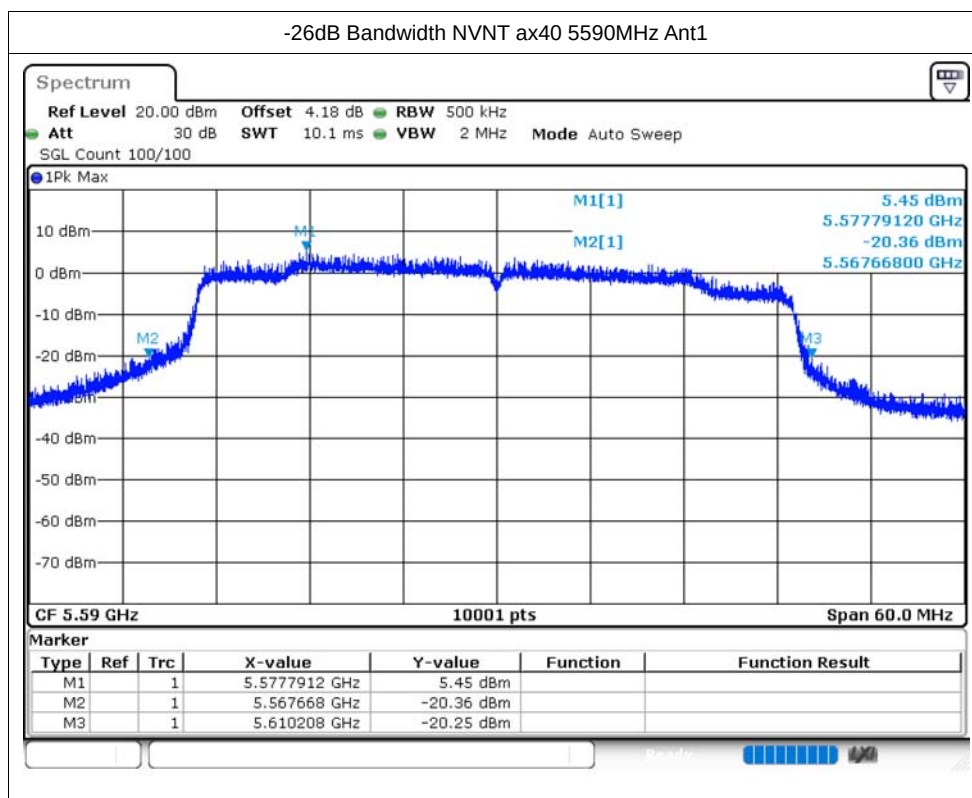


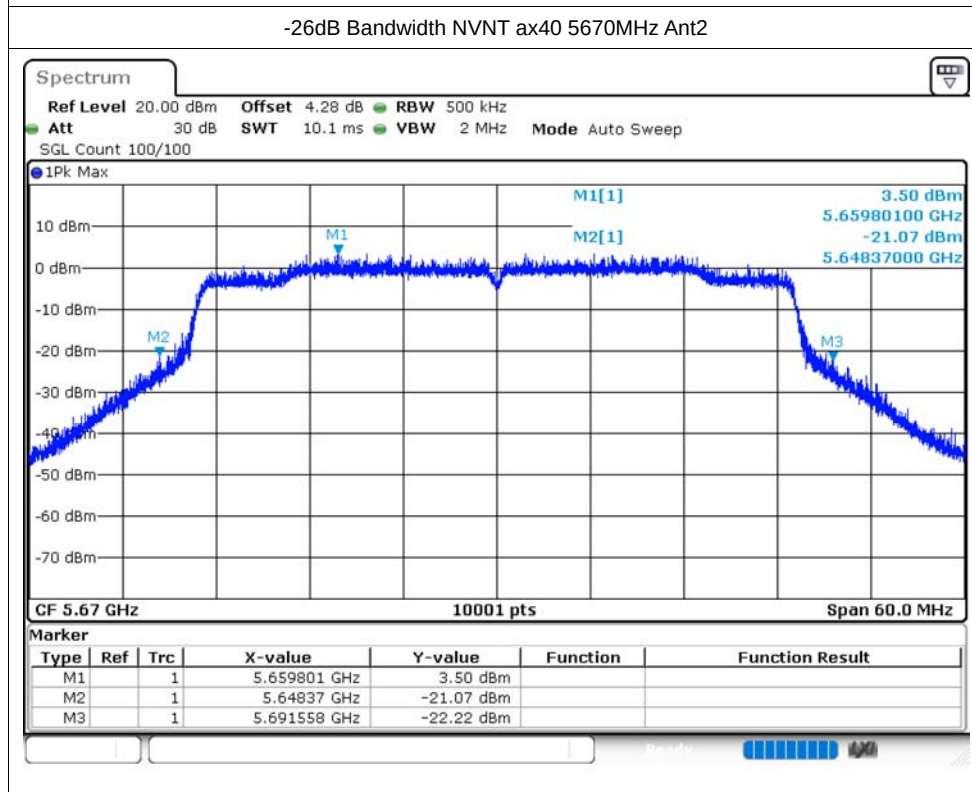
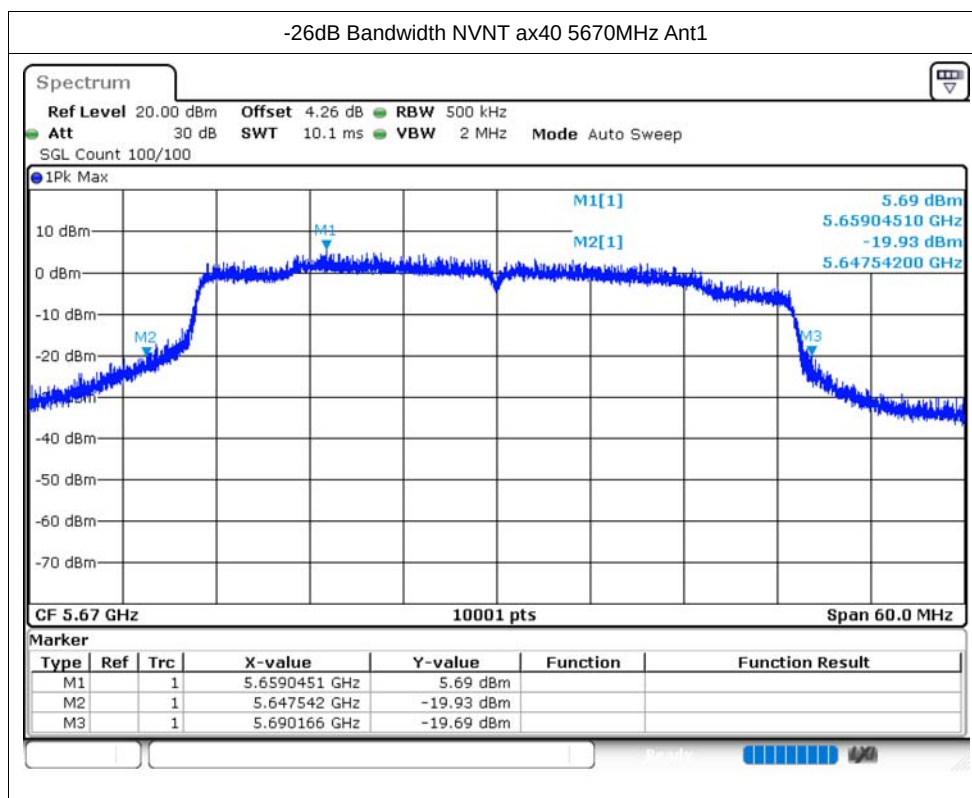


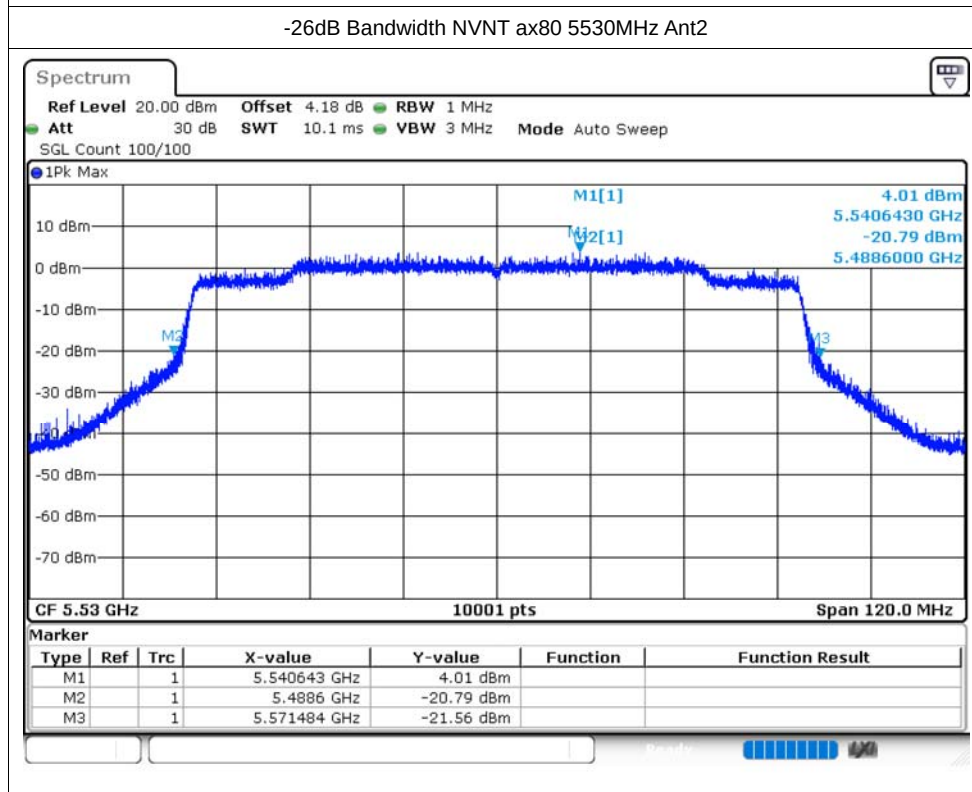
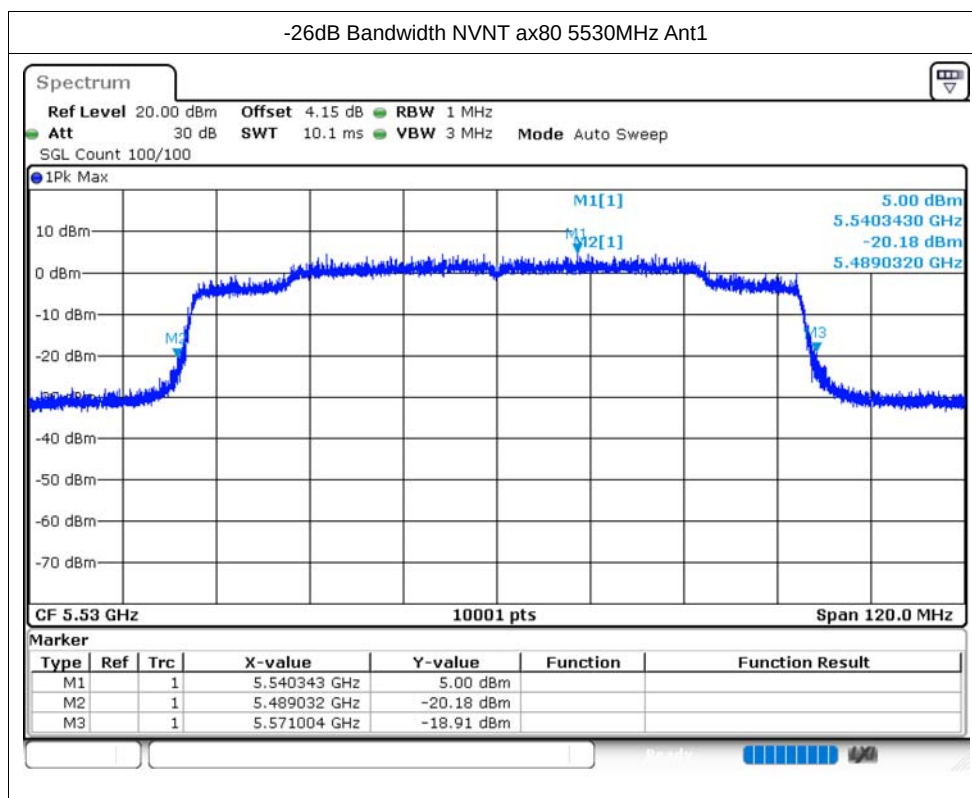


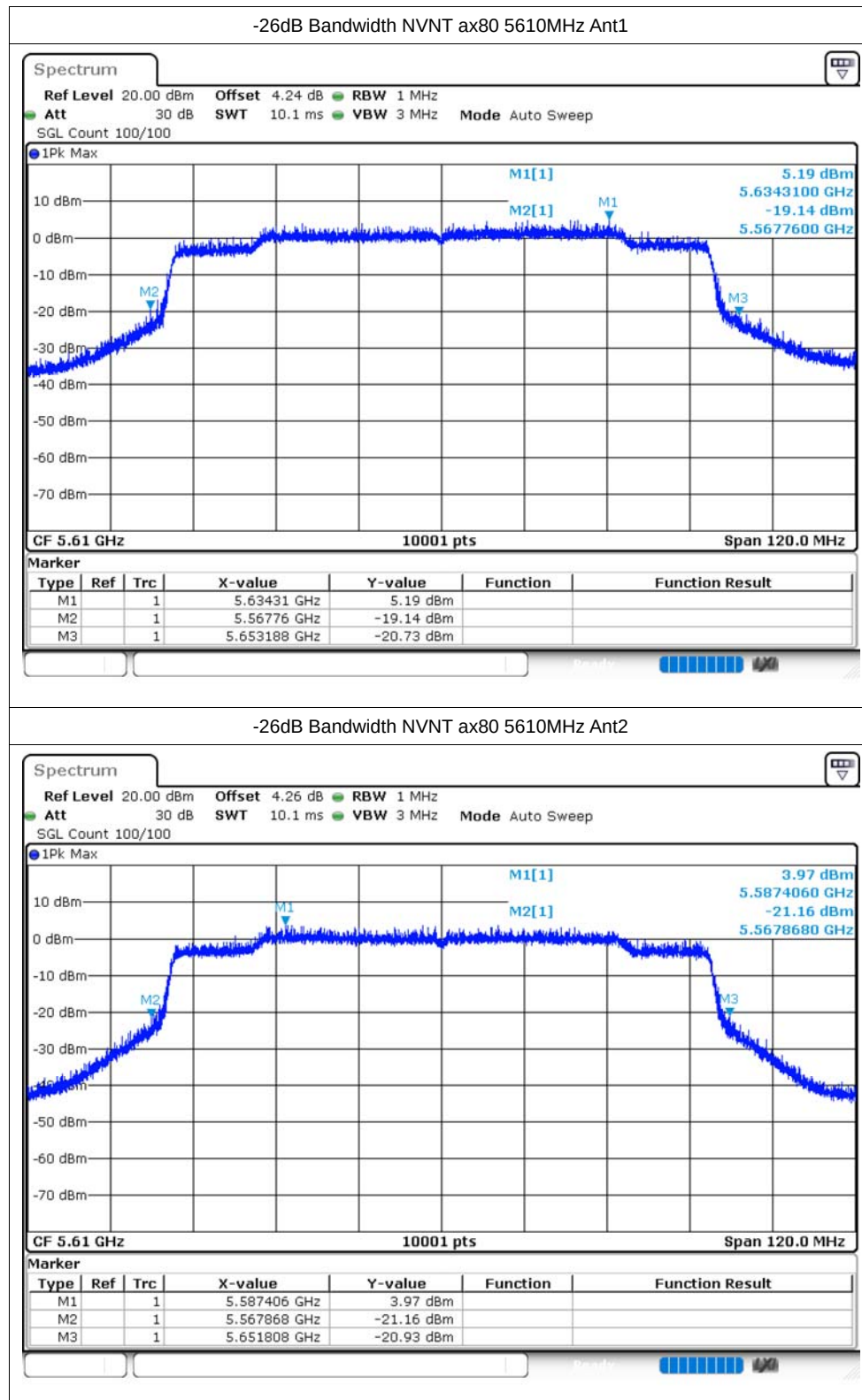


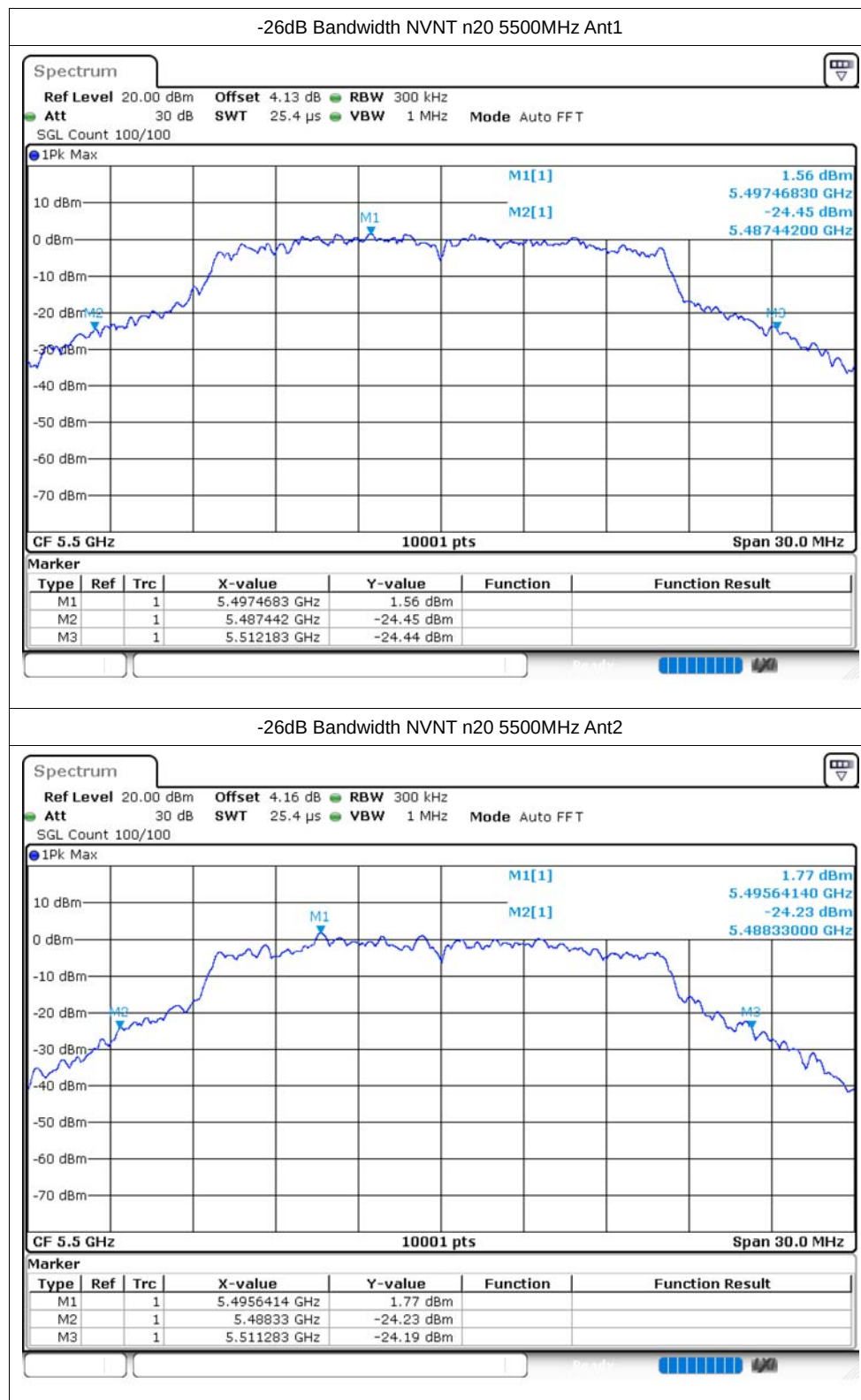


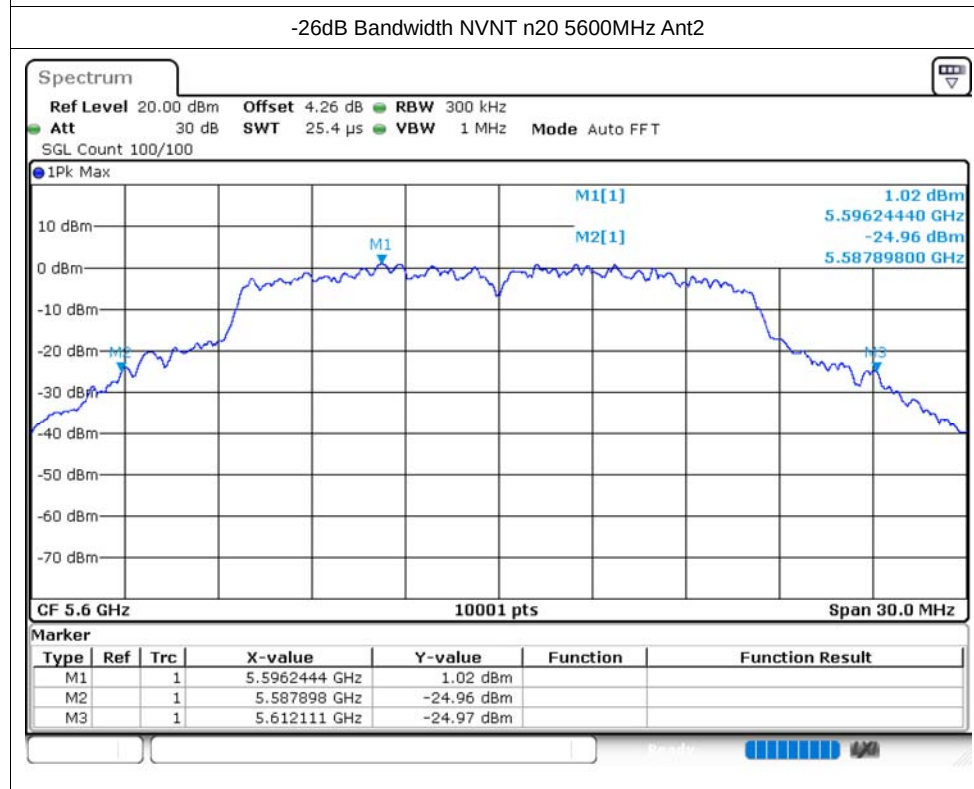
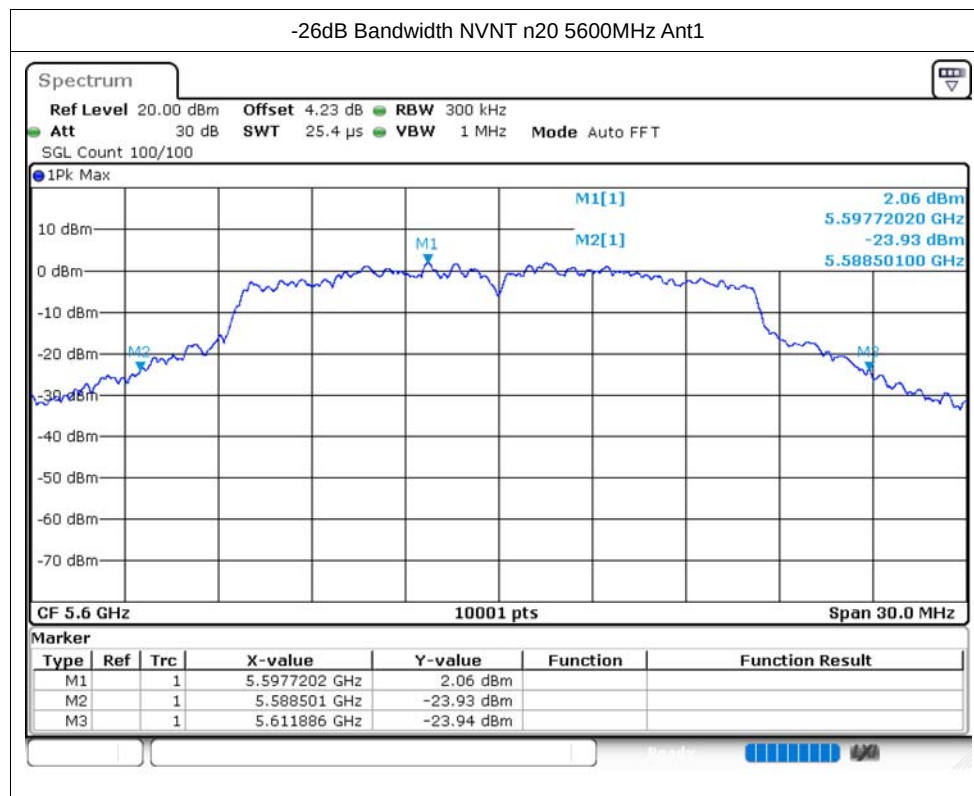


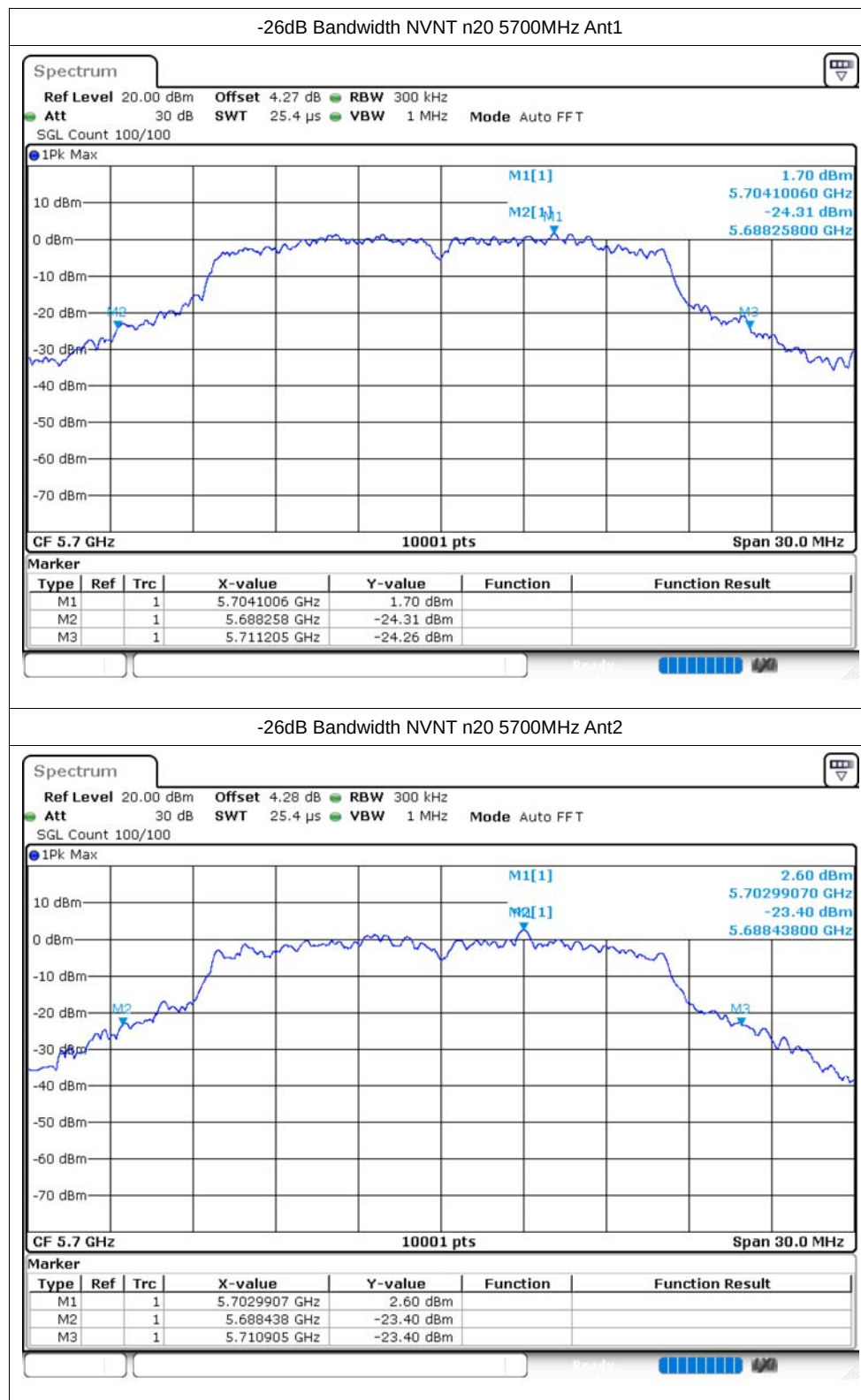


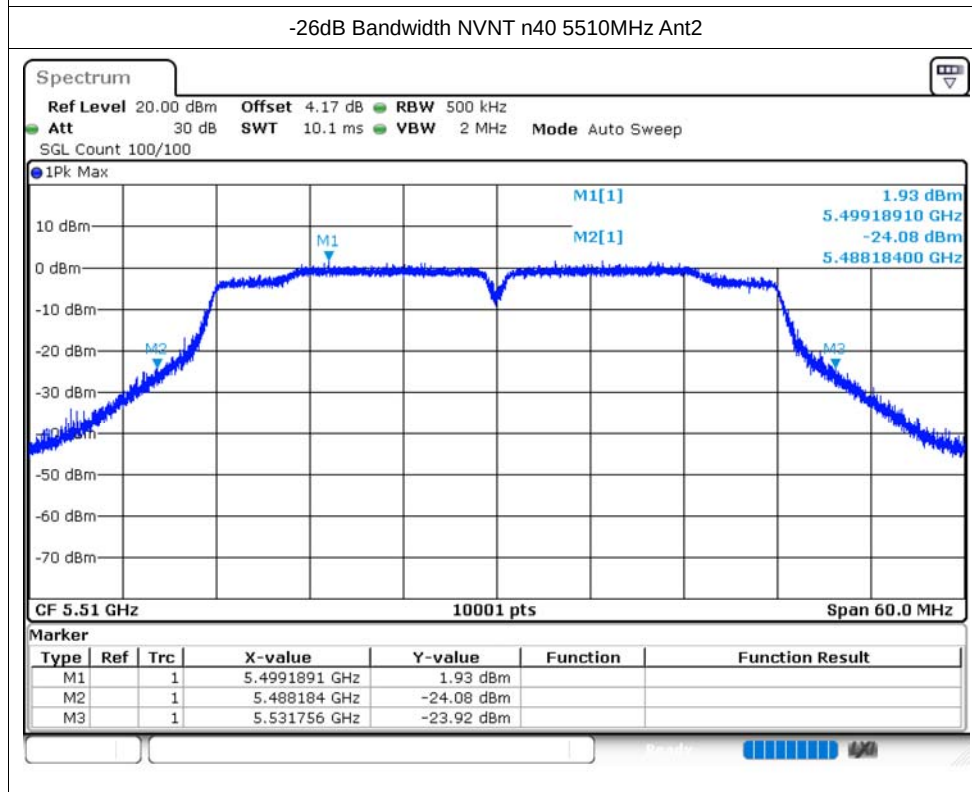
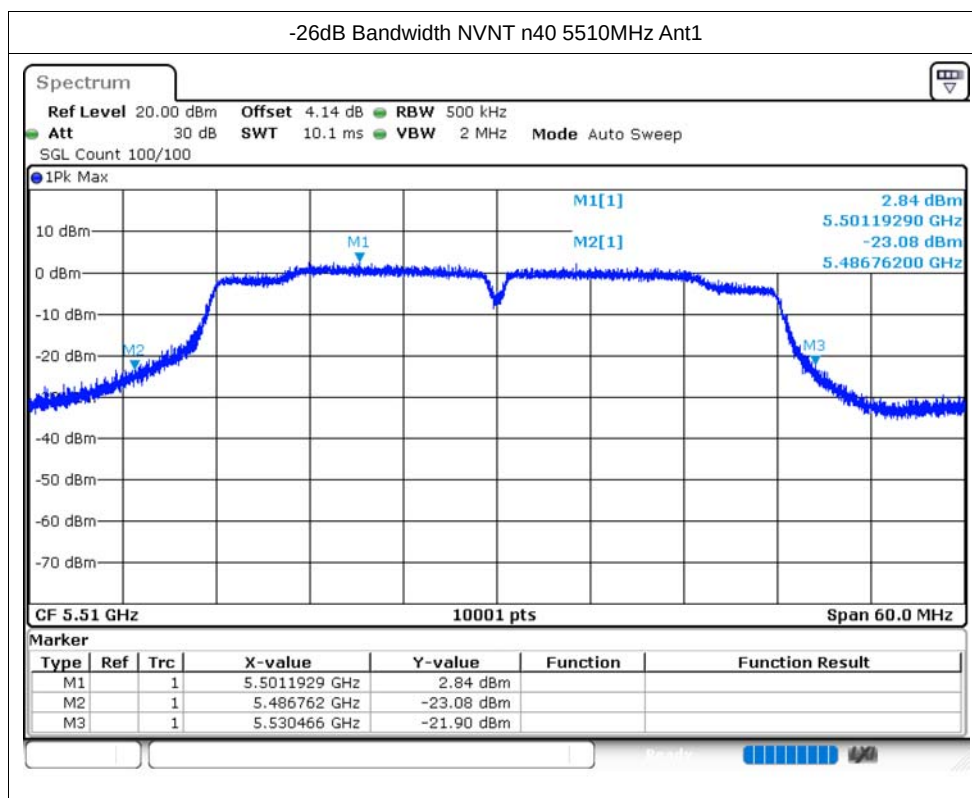


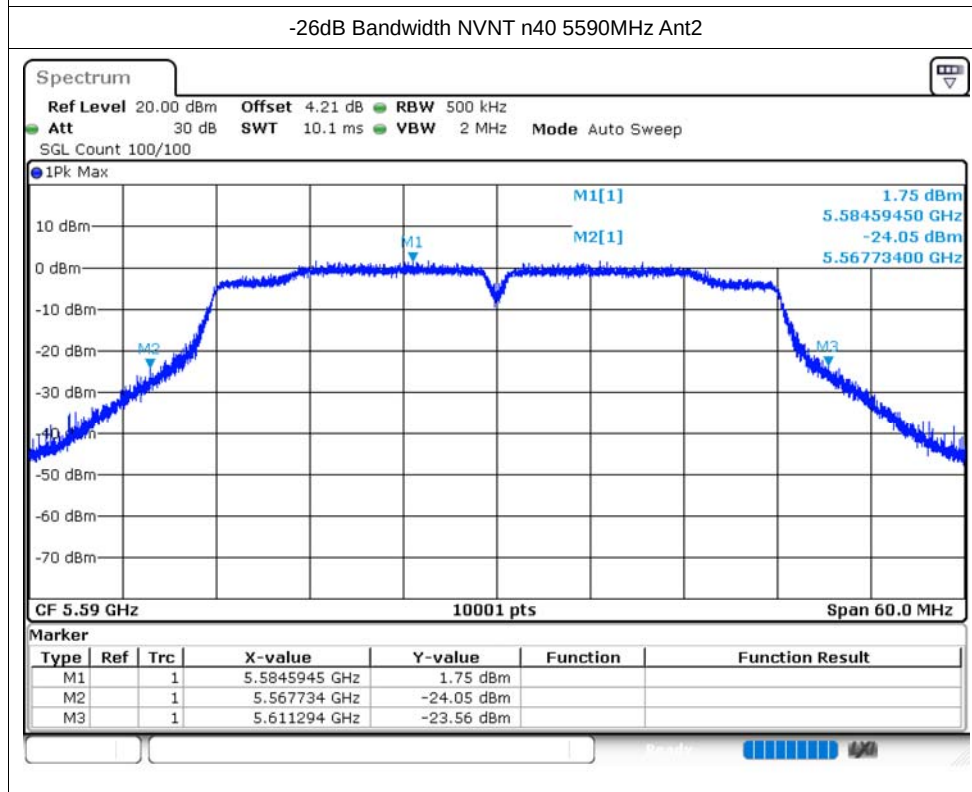
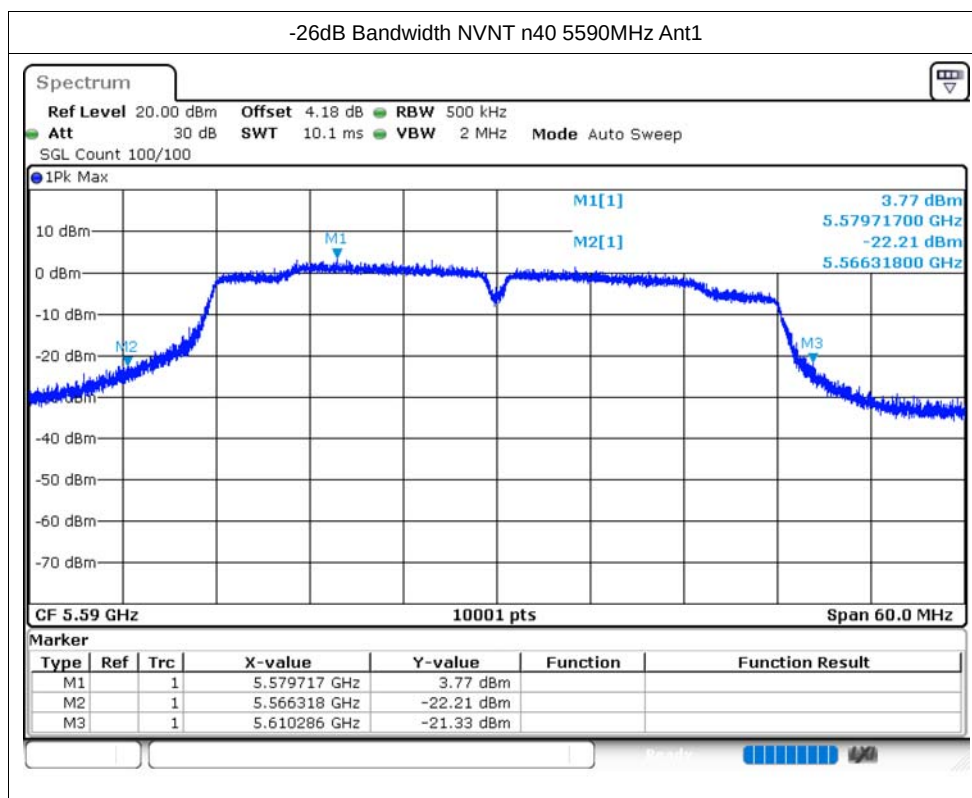


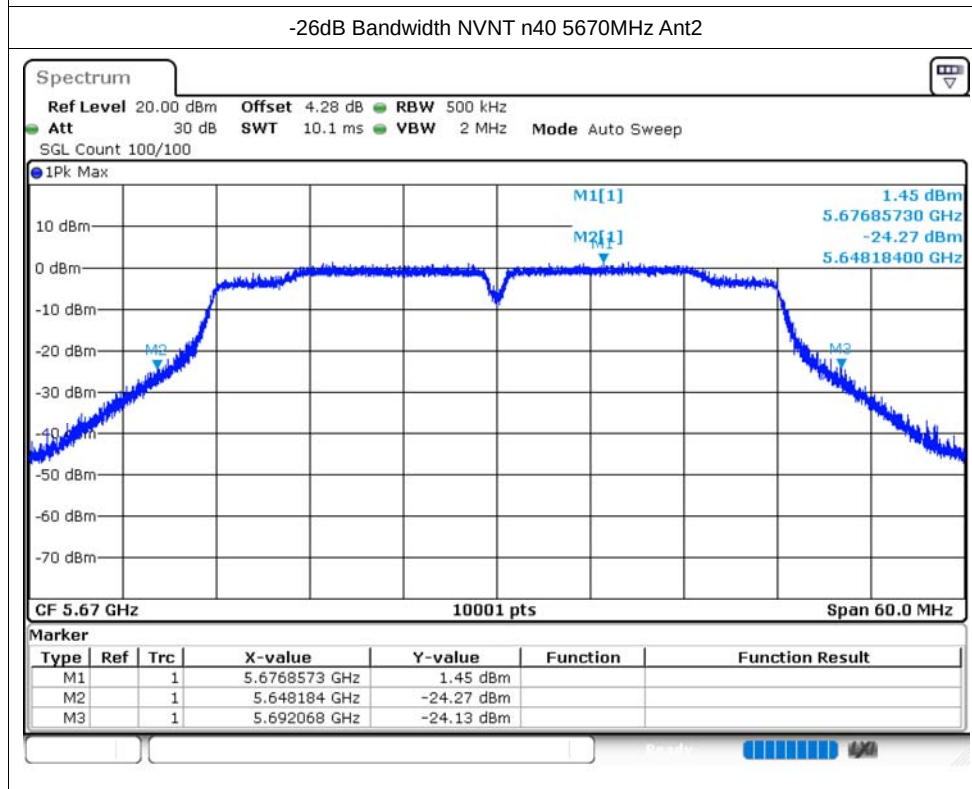
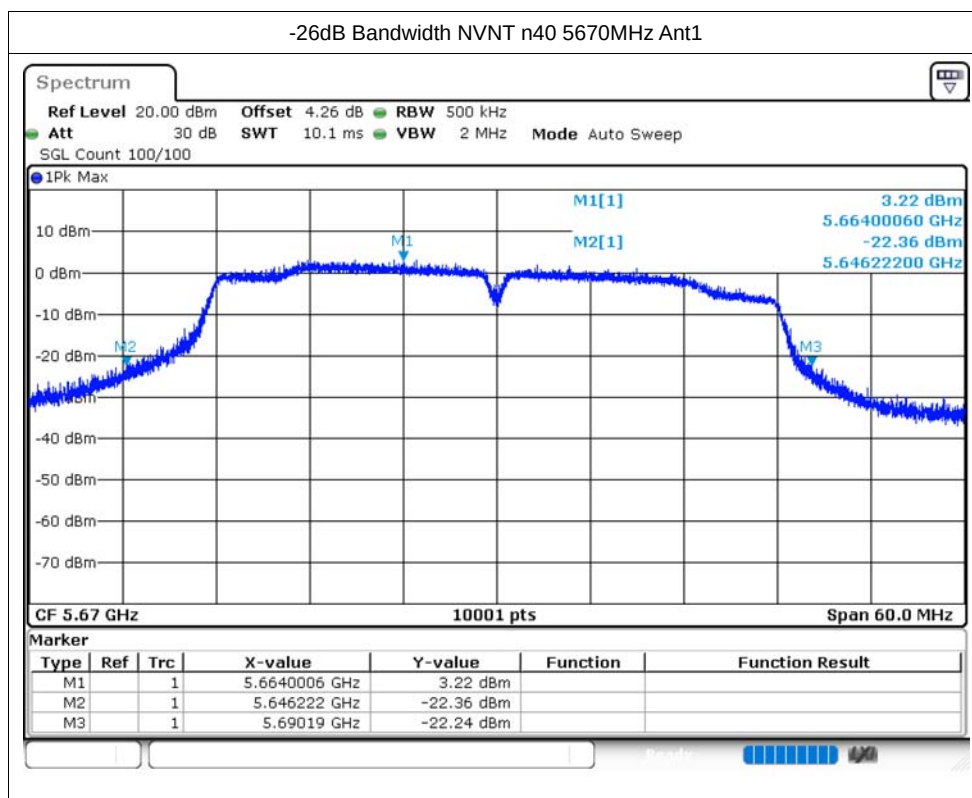












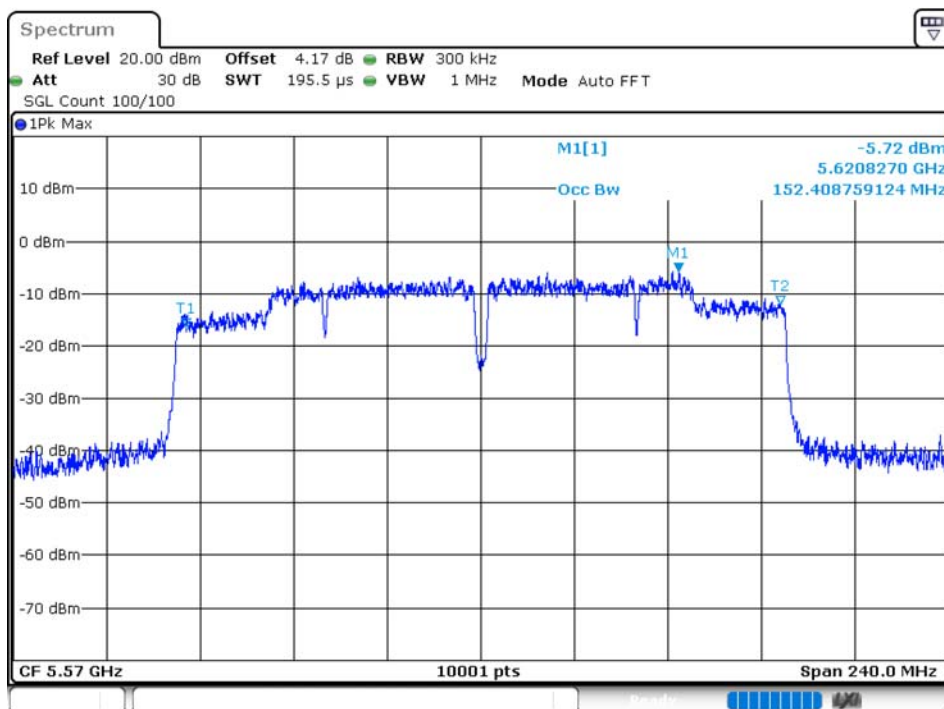
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ac160	5570	Ant1	152.409
NVNT	ac160	5570	Ant2	153.201
NVNT	ac20	5500	Ant1	17.914
NVNT	ac20	5500	Ant2	17.668
NVNT	ac20	5600	Ant1	17.791
NVNT	ac20	5600	Ant2	17.707
NVNT	ac20	5700	Ant1	17.749
NVNT	ac20	5700	Ant2	17.794
NVNT	ac40	5510	Ant1	36.11
NVNT	ac40	5510	Ant2	36.098
NVNT	ac40	5590	Ant1	35.996
NVNT	ac40	5590	Ant2	36.044
NVNT	ac40	5670	Ant1	35.942
NVNT	ac40	5670	Ant2	36.056
NVNT	ac80	5530	Ant1	74.609
NVNT	ac80	5530	Ant2	75.04
NVNT	ac80	5610	Ant1	75.16
NVNT	ac80	5610	Ant2	75.1
NVNT	ax160	5570	Ant1	153.993
NVNT	ax160	5570	Ant2	154.617
NVNT	ax20	5500	Ant1	18.991
NVNT	ax20	5500	Ant2	18.895
NVNT	ax20	5600	Ant1	18.895
NVNT	ax20	5600	Ant2	18.961
NVNT	ax20	5700	Ant1	18.904
NVNT	ax20	5700	Ant2	18.91
NVNT	ax40	5510	Ant1	37.52
NVNT	ax40	5510	Ant2	37.526
NVNT	ax40	5590	Ant1	37.364
NVNT	ax40	5590	Ant2	37.52
NVNT	ax40	5670	Ant1	37.292
NVNT	ax40	5670	Ant2	37.496
NVNT	ax80	5530	Ant1	76.012
NVNT	ax80	5530	Ant2	76.564
NVNT	ax80	5610	Ant1	76.684
NVNT	ax80	5610	Ant2	76.684
NVNT	n20	5500	Ant1	16.759
NVNT	n20	5500	Ant2	16.843
NVNT	n20	5600	Ant1	17.008
NVNT	n20	5600	Ant2	16.69
NVNT	n20	5700	Ant1	16.567

NVNT	n20	5700	Ant2	16.657
NVNT	n40	5510	Ant1	36.116
NVNT	n40	5510	Ant2	36.08
NVNT	n40	5590	Ant1	35.978
NVNT	n40	5590	Ant2	36.032
NVNT	n40	5670	Ant1	35.936
NVNT	n40	5670	Ant2	36.056

Test Graphs

OBW NVNT ac160 5570MHz Ant1



OBW NVNT ac160 5570MHz Ant2

