

Frequency Stability

Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ax160	0	6025	Ant1	6025	0	0	25	Pass
NVNT	ax160	0	6185	Ant1	6185	0	0	25	Pass
NVNT	ax160	0	6345	Ant1	6345	0	0	25	Pass
NVNT	ax160	0	6025	Ant2	6025	0	0	25	Pass
NVNT	ax160	0	6185	Ant2	6185	0	0	25	Pass
NVNT	ax160	0	6345	Ant2	6345	0	0	25	Pass
NVNT	ax20	0	5955	Ant1	5954.96	-40000	-6.72	25	Pass
NVNT	ax20	0	6175	Ant1	6175	0	0	25	Pass
NVNT	ax20	0	6415	Ant1	6414.98	-20000	-3.12	25	Pass
NVNT	ax20	0	5955	Ant2	5954.98	-20000	-3.36	25	Pass
NVNT	ax20	0	6175	Ant2	6174.98	-20000	-3.24	25	Pass
NVNT	ax20	0	6415	Ant2	6414.98	-20000	-3.12	25	Pass
NVNT	ax40	0	5965	Ant1	5964.92	-80000	-13.41	25	Pass
NVNT	ax40	0	6165	Ant1	6165	0	0	25	Pass
NVNT	ax40	0	6405	Ant1	6405	0	0	25	Pass
NVNT	ax40	0	5965	Ant2	5965	0	0	25	Pass
NVNT	ax40	0	6165	Ant2	6165	0	0	25	Pass
NVNT	ax40	0	6405	Ant2	6405	0	0	25	Pass
NVNT	ax80	0	5985	Ant1	5984.92	-80000	-13.37	25	Pass
NVNT	ax80	0	6145	Ant1	6144.92	-80000	-13.02	25	Pass
NVNT	ax80	0	6385	Ant1	6384.92	-80000	-12.53	25	Pass
NVNT	ax80	0	5985	Ant2	5984.92	-80000	-13.37	25	Pass
NVNT	ax80	0	6145	Ant2	6144.92	-80000	-13.02	25	Pass
NVNT	ax80	0	6385	Ant2	6385	0	0	25	Pass

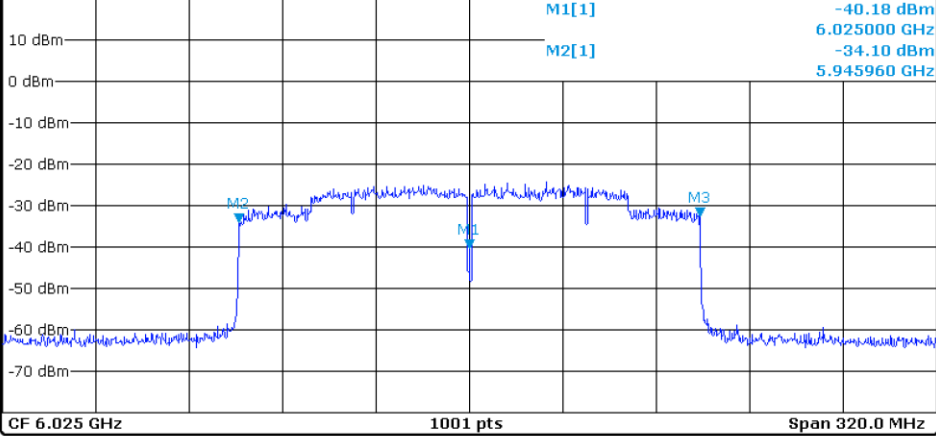
Test Graphs

Freq. Stability NVNT ax160 6025MHz Ant1 0 Minutes

Spectrum

Ref Level 20.00 dBm Offset 4.46 dB RBW 10 kHz
Att 30 dB SWT 320 ms VBW 30 kHz Mode Sweep
SGL Count 10/10

1Pk Max



Marker

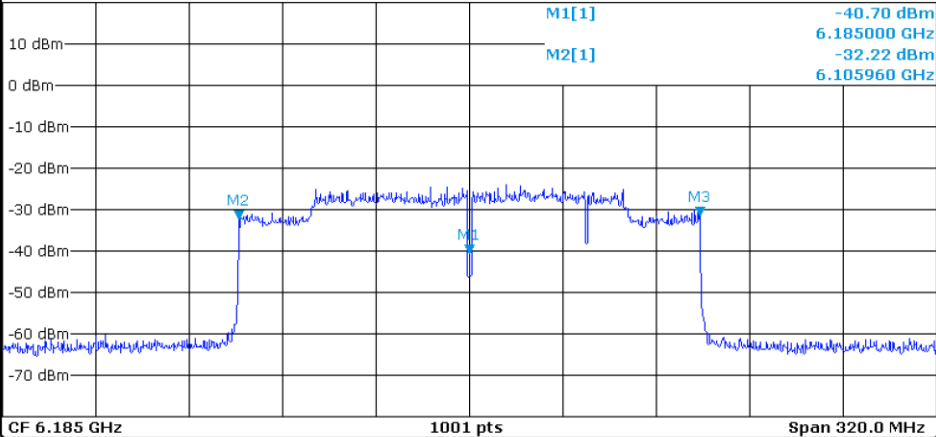
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		6.025 GHz	-40.18 dBm		
M2	1		5.94596 GHz	-34.10 dBm		
M3	1		6.10404 GHz	-32.63 dBm		

Freq. Stability NVNT ax160 6185MHz Ant1 0 Minutes

Spectrum

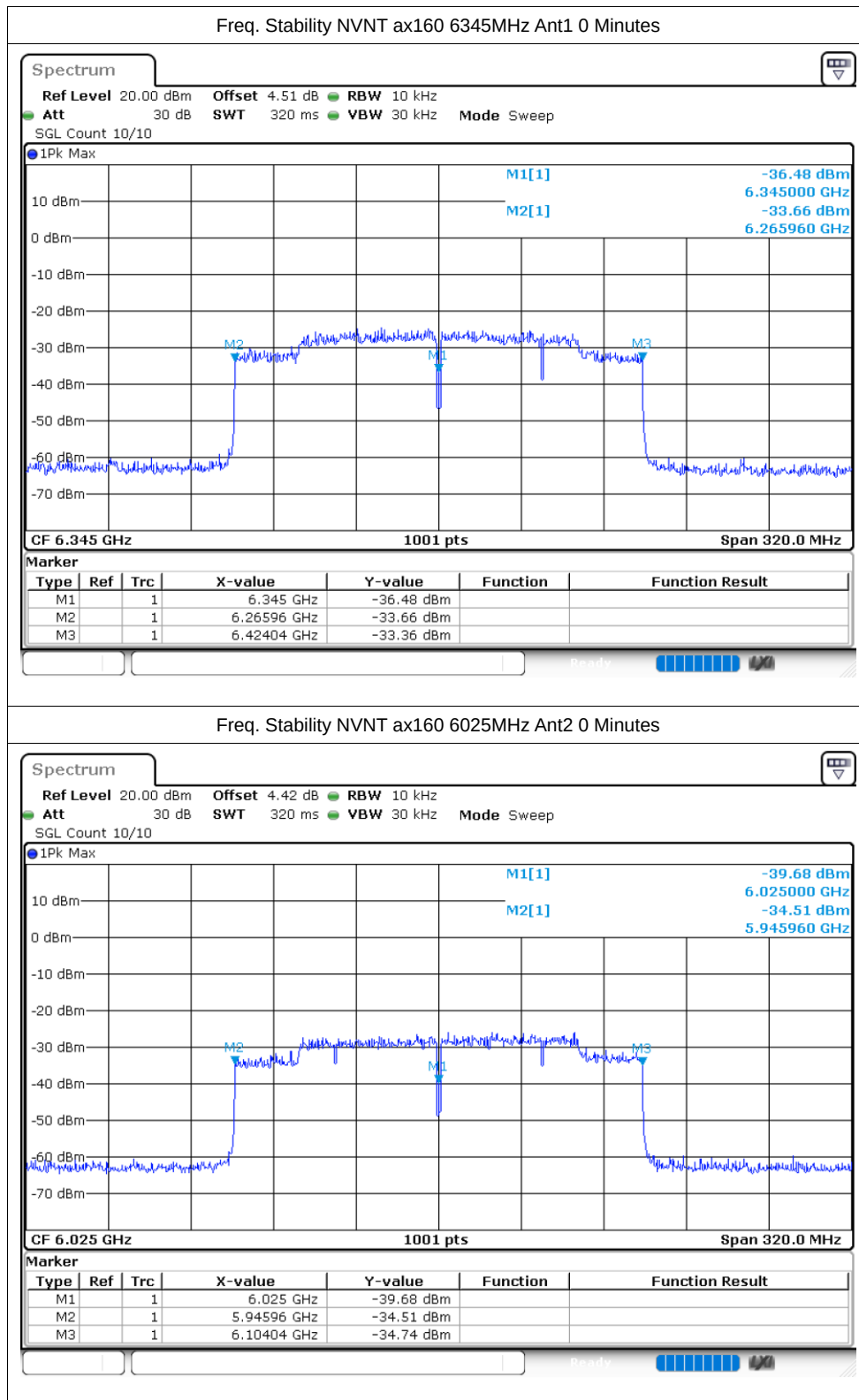
Ref Level 20.00 dBm Offset 4.49 dB RBW 10 kHz
Att 30 dB SWT 320 ms VBW 30 kHz Mode Sweep
SGL Count 10/10

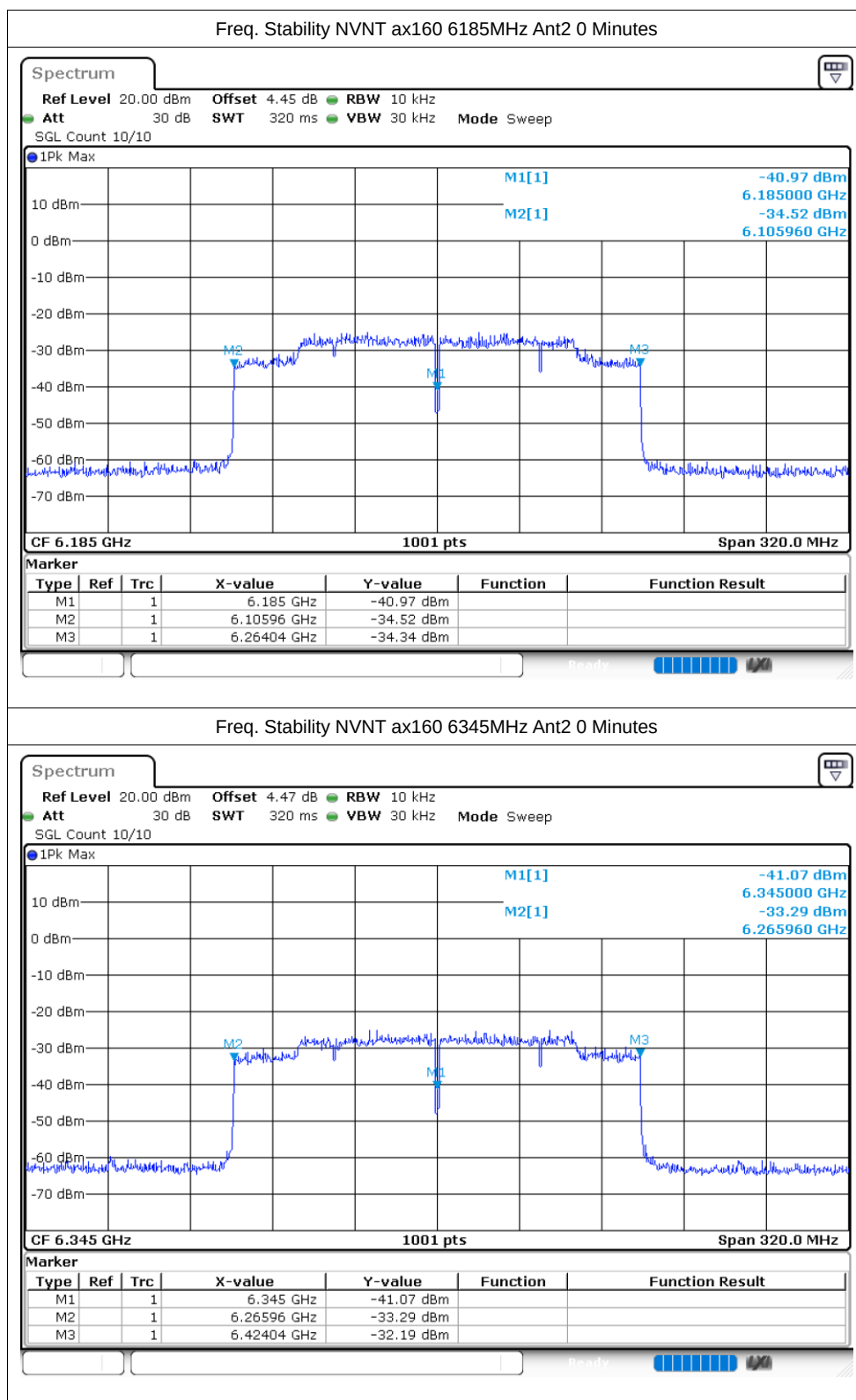
1Pk Max

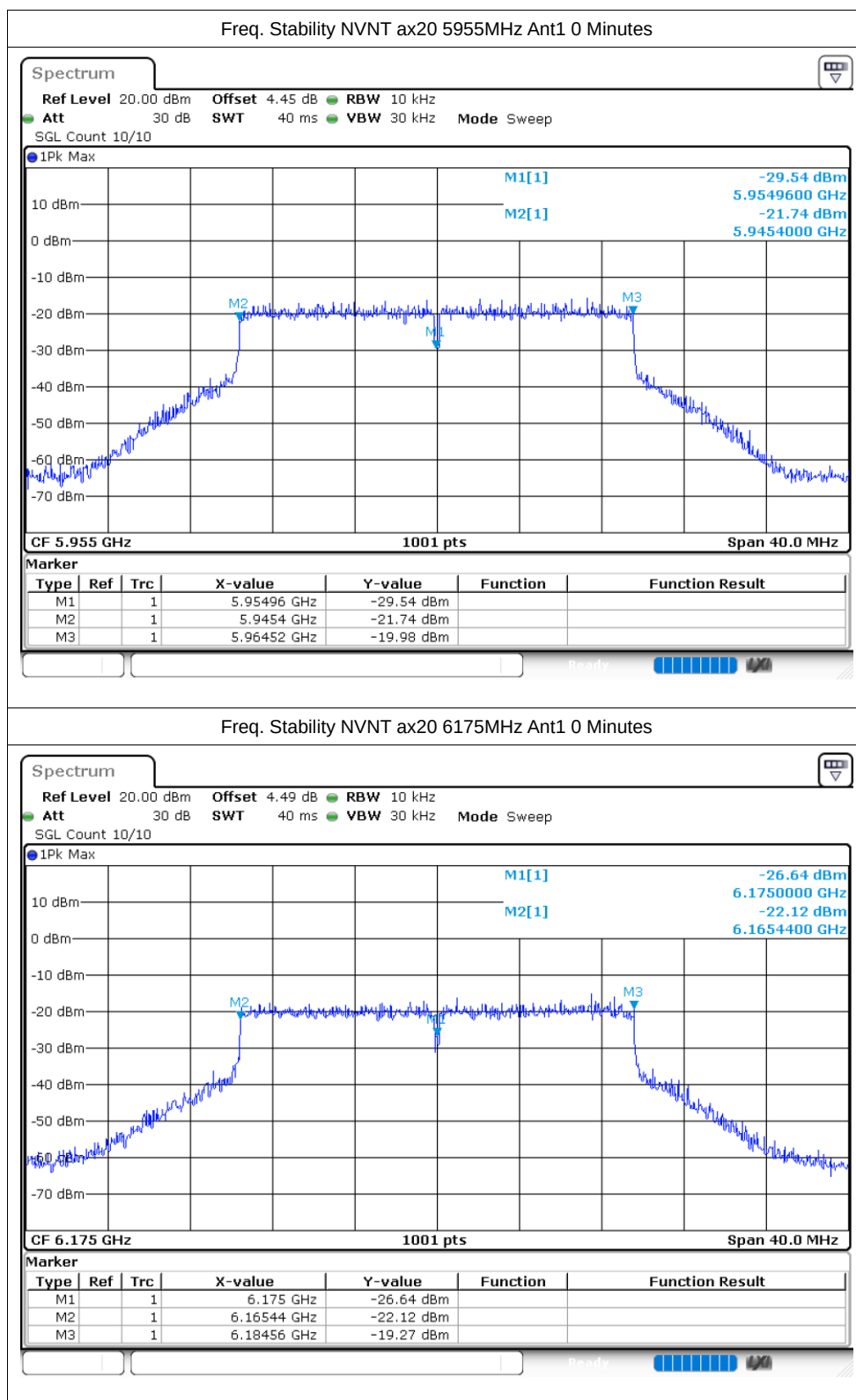


Marker

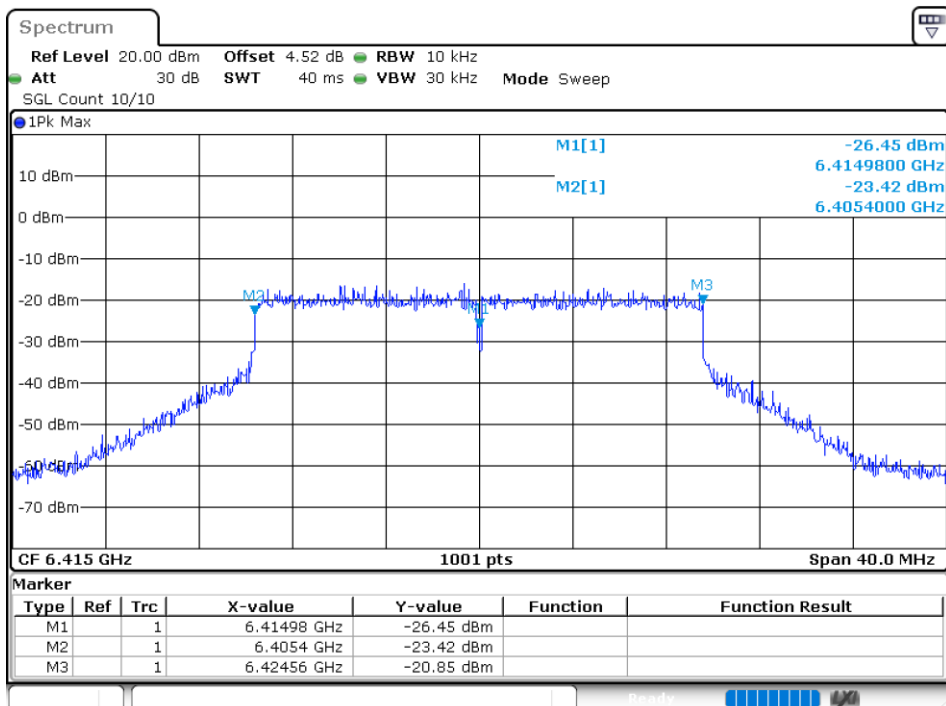
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		6.185 GHz	-40.70 dBm		
M2	1		6.10596 GHz	-32.22 dBm		
M3	1		6.26404 GHz	-31.41 dBm		



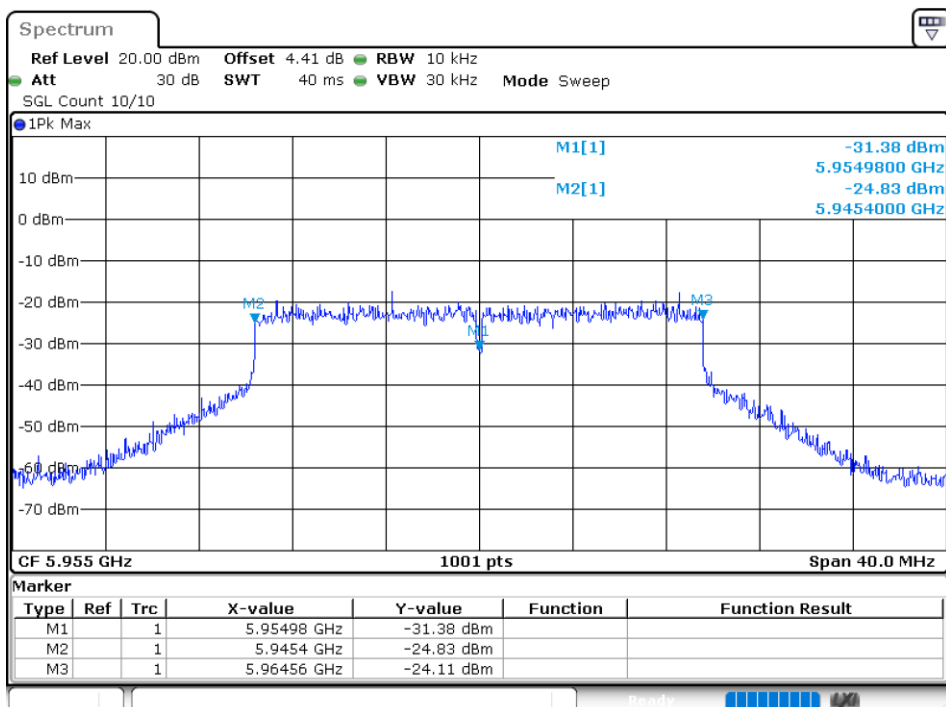


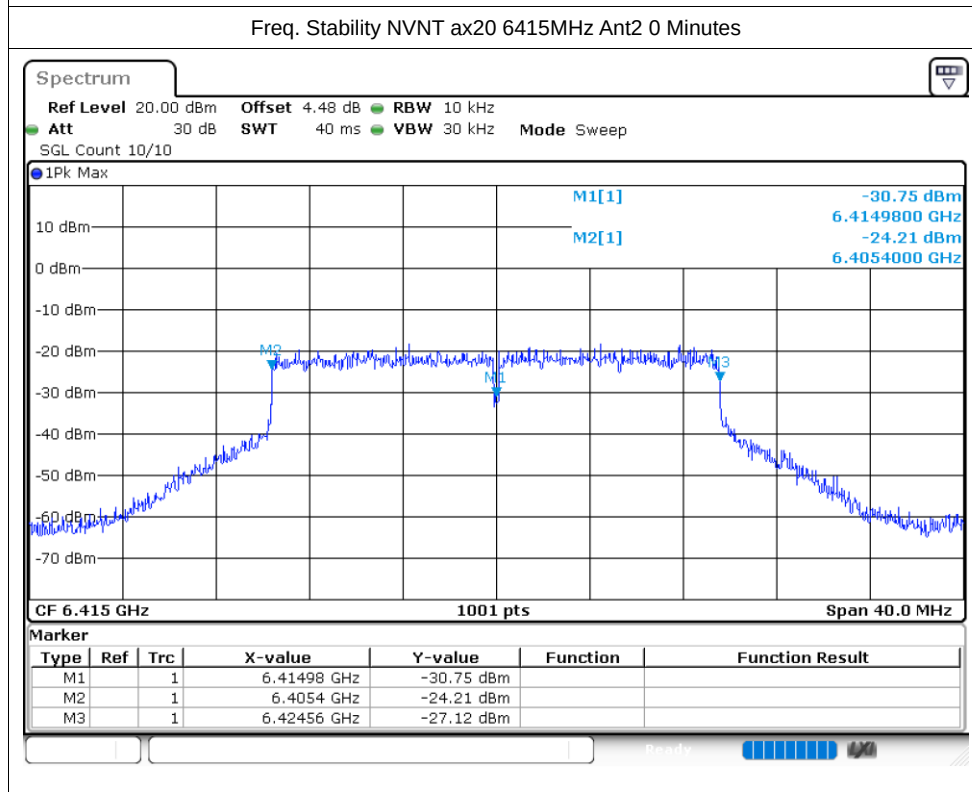
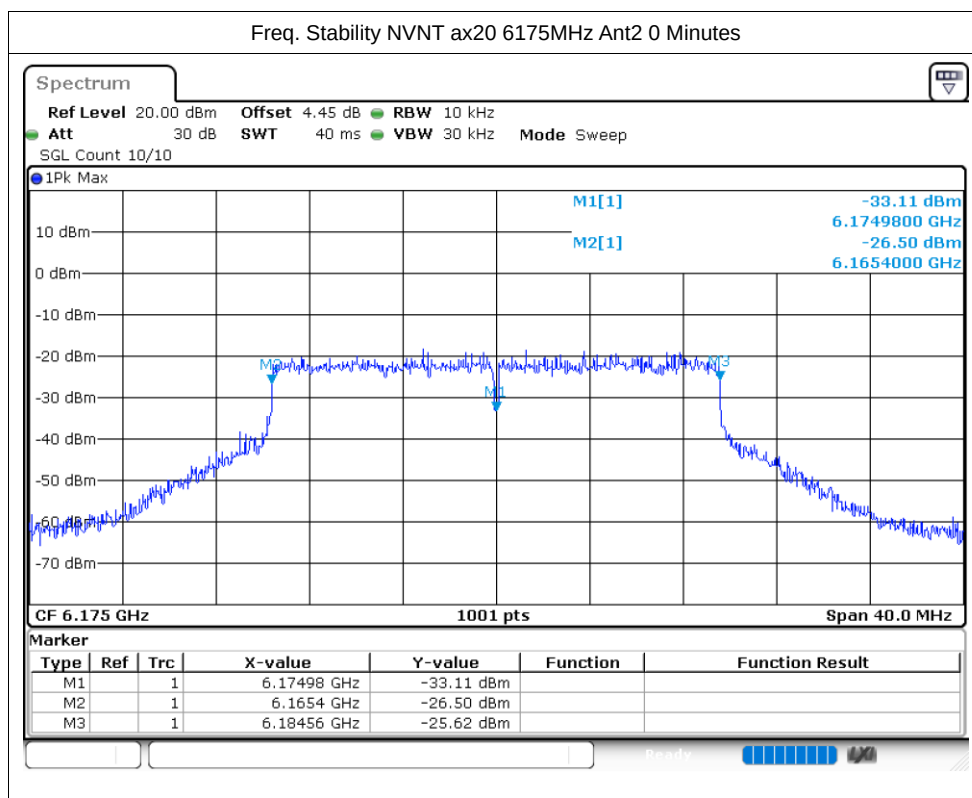


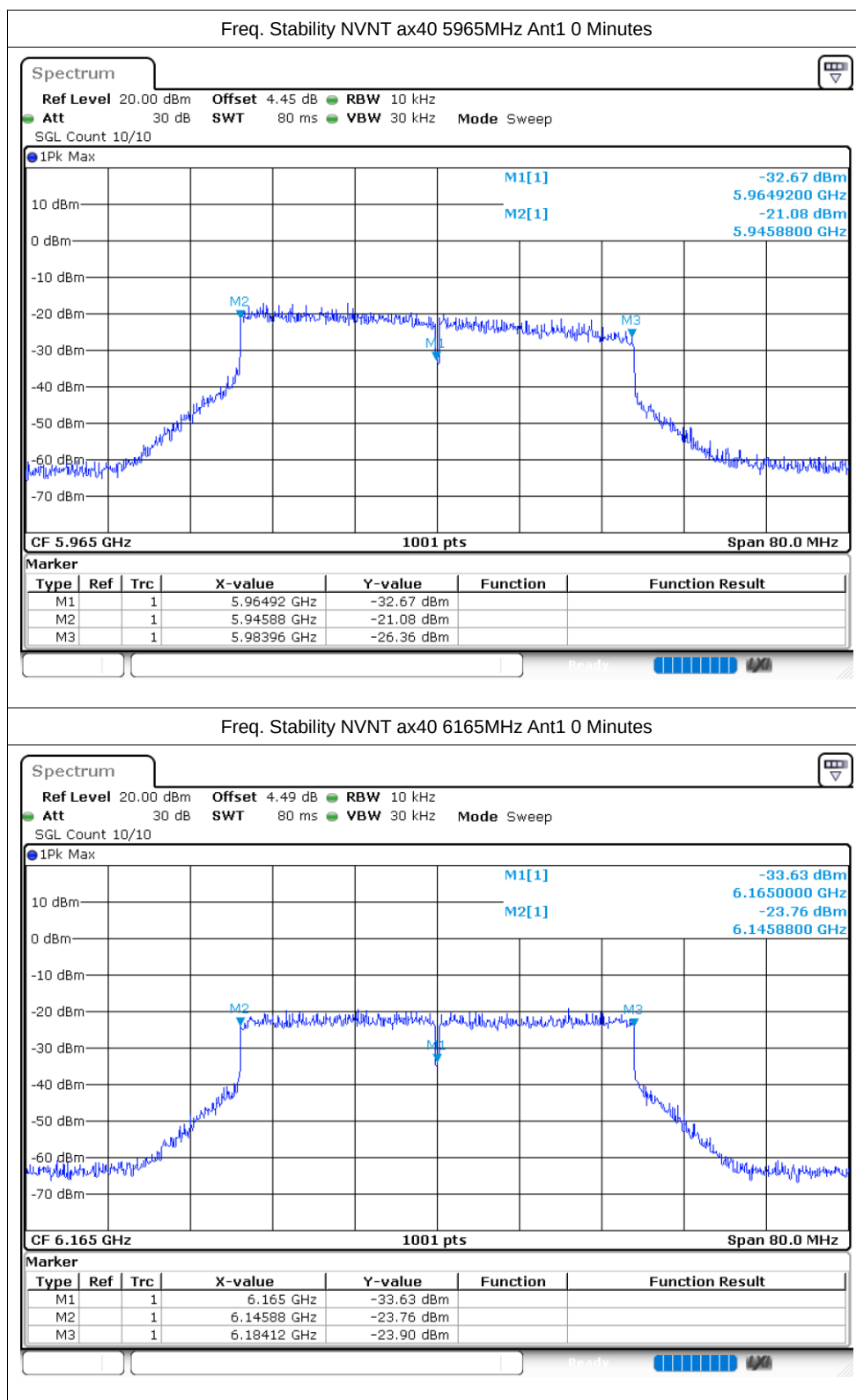
Freq. Stability NVNT ax20 6415MHz Ant1 0 Minutes

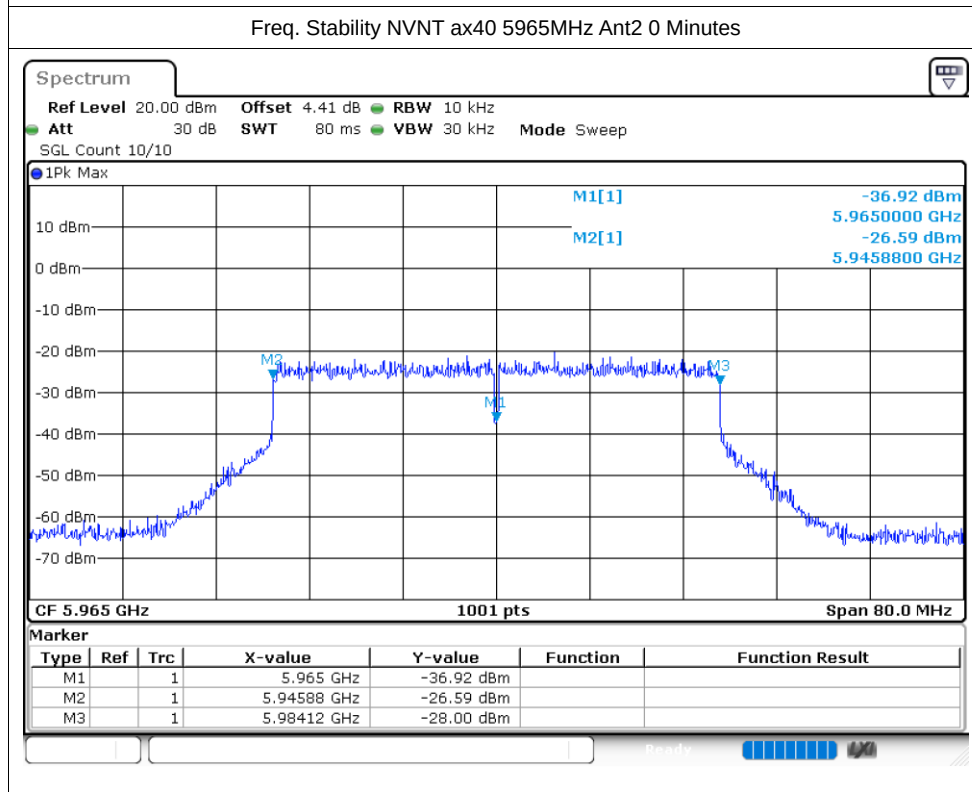
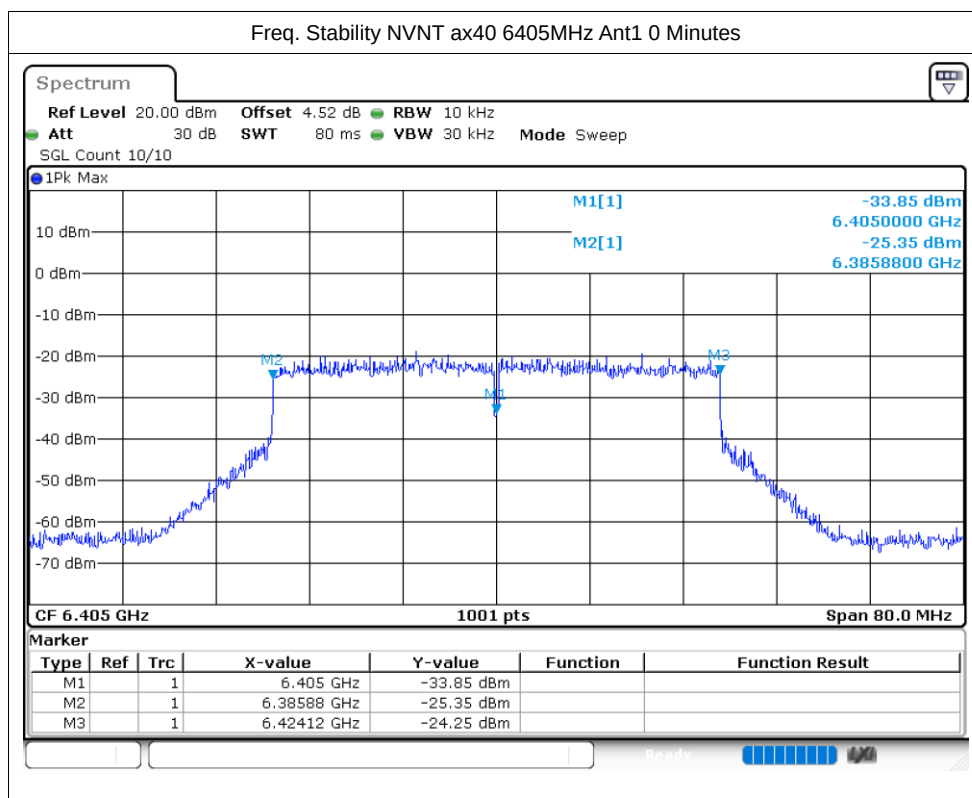


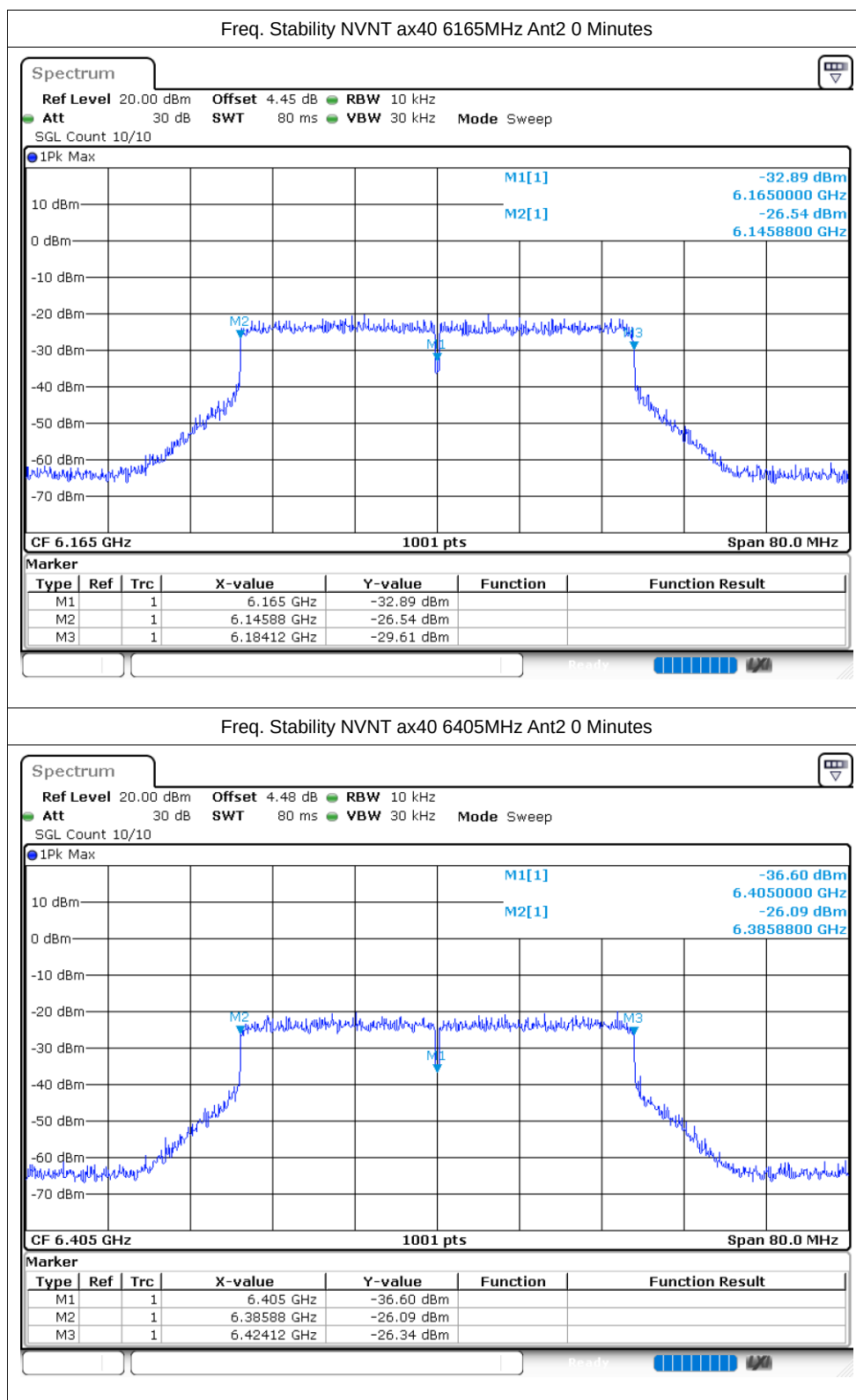
Freq. Stability NVNT ax20 5955MHz Ant2 0 Minutes

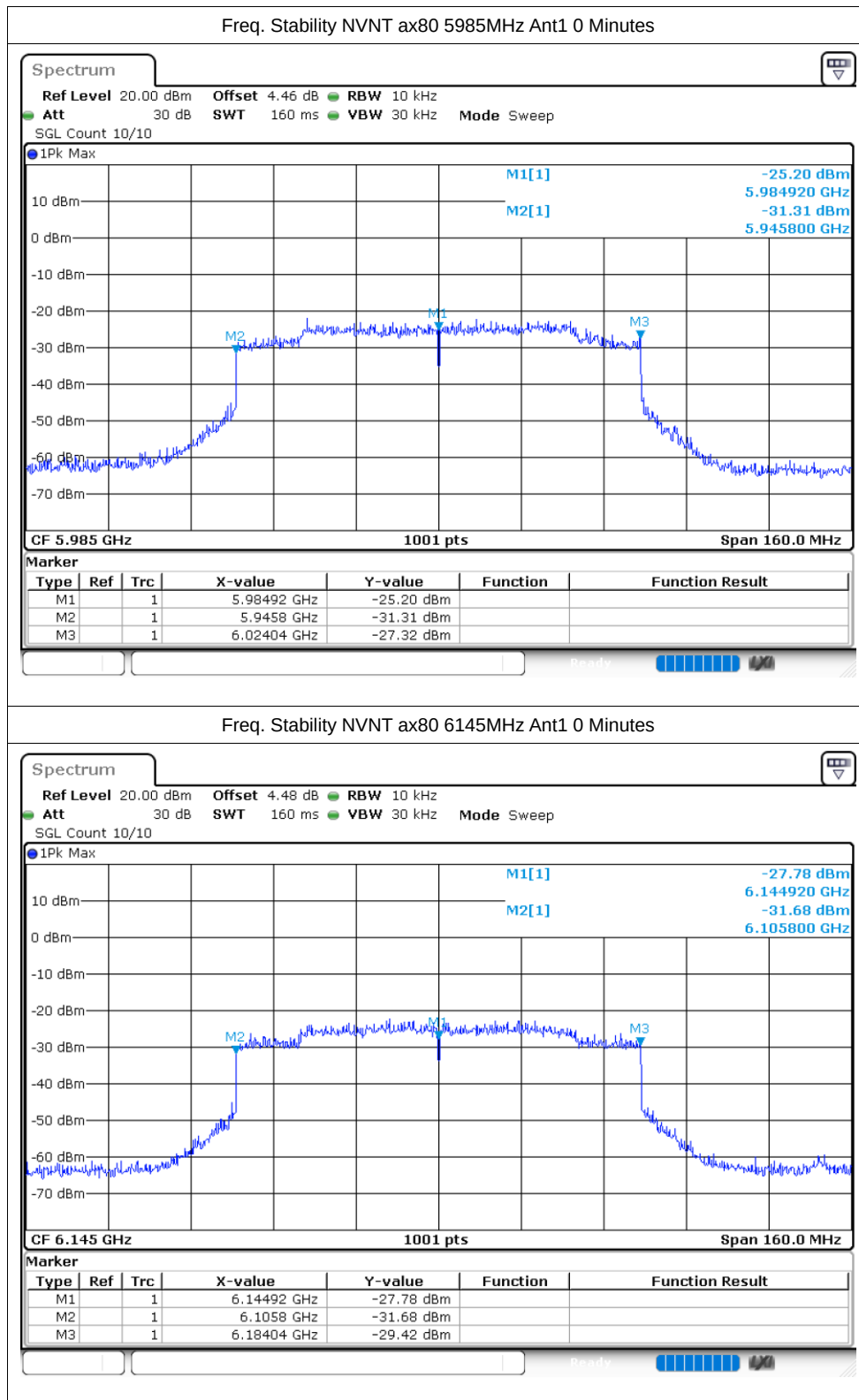


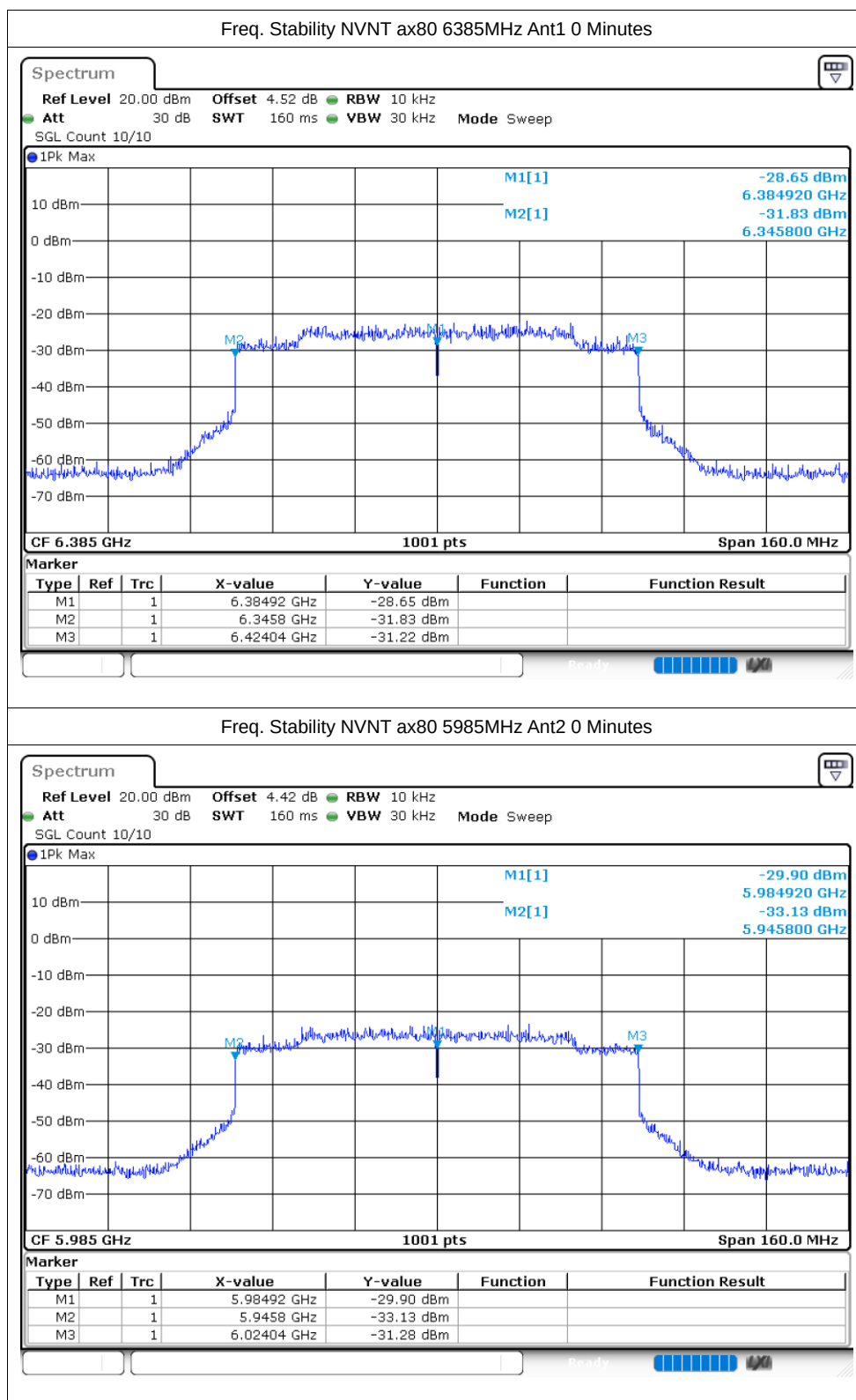


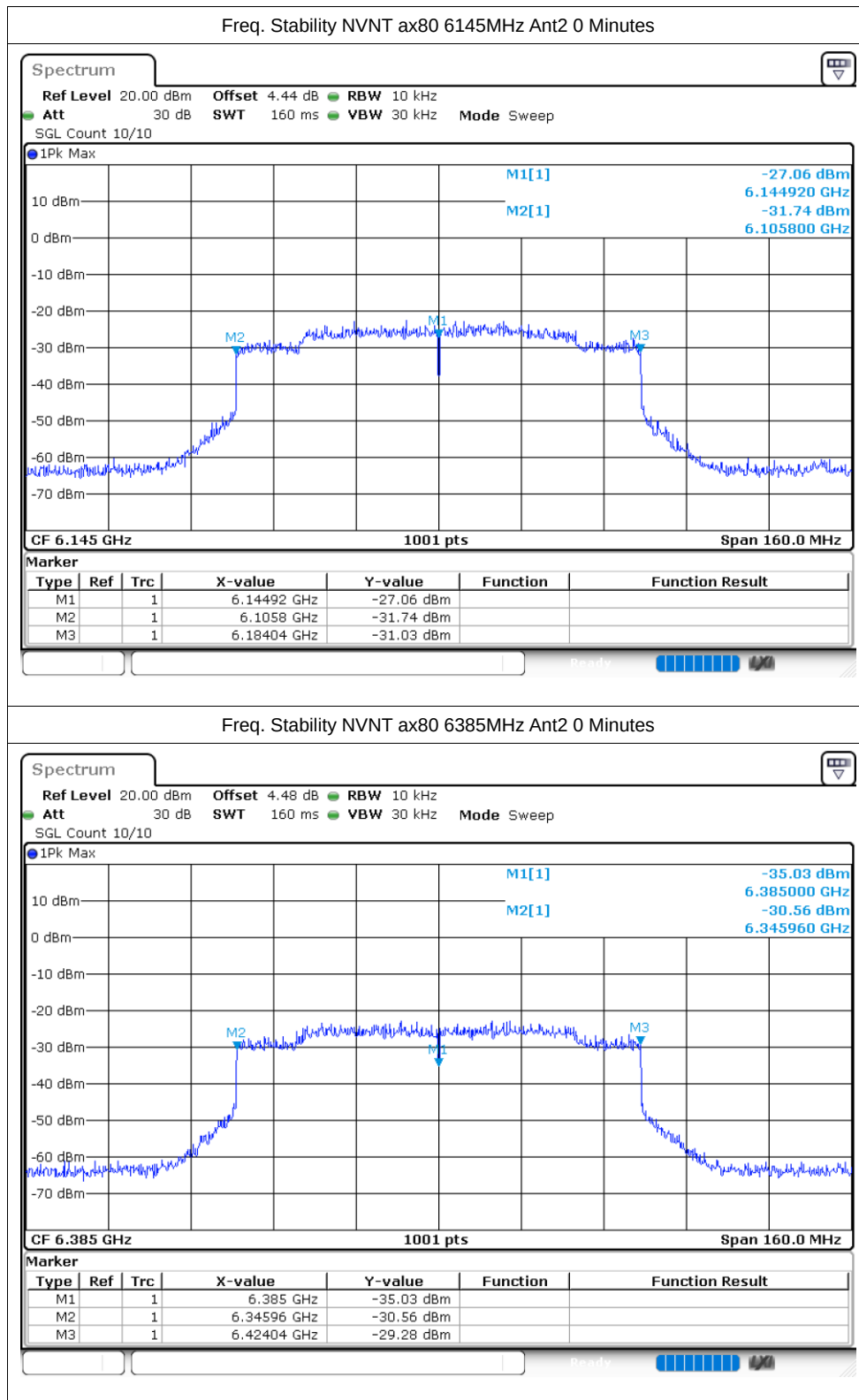








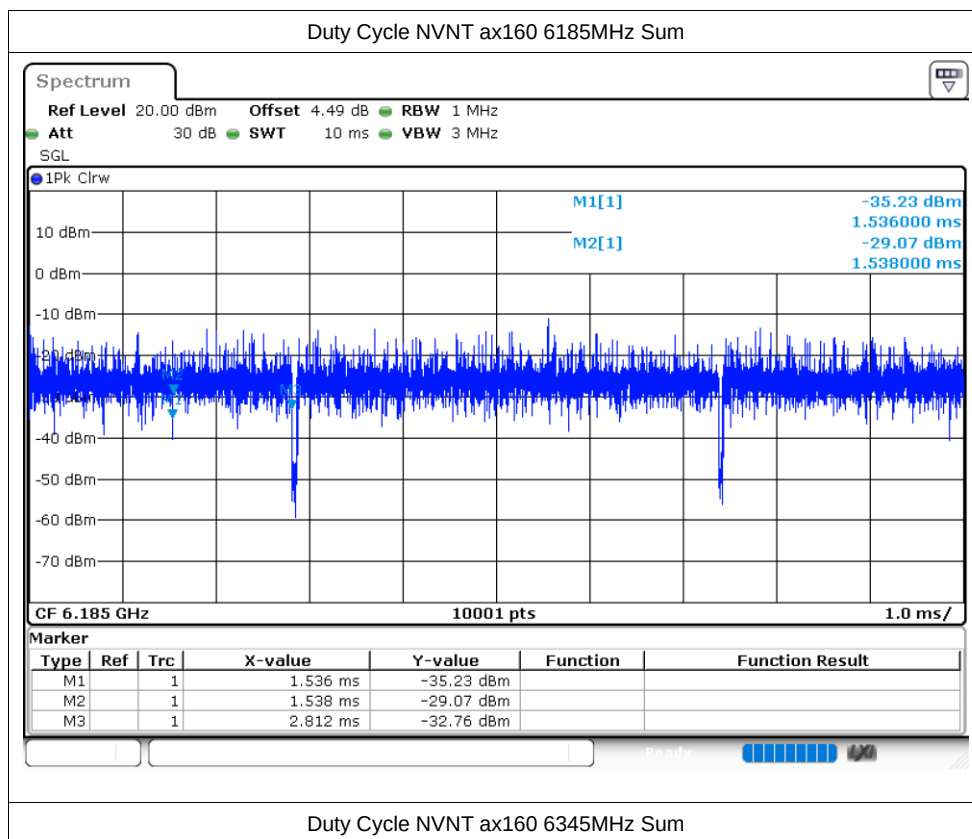
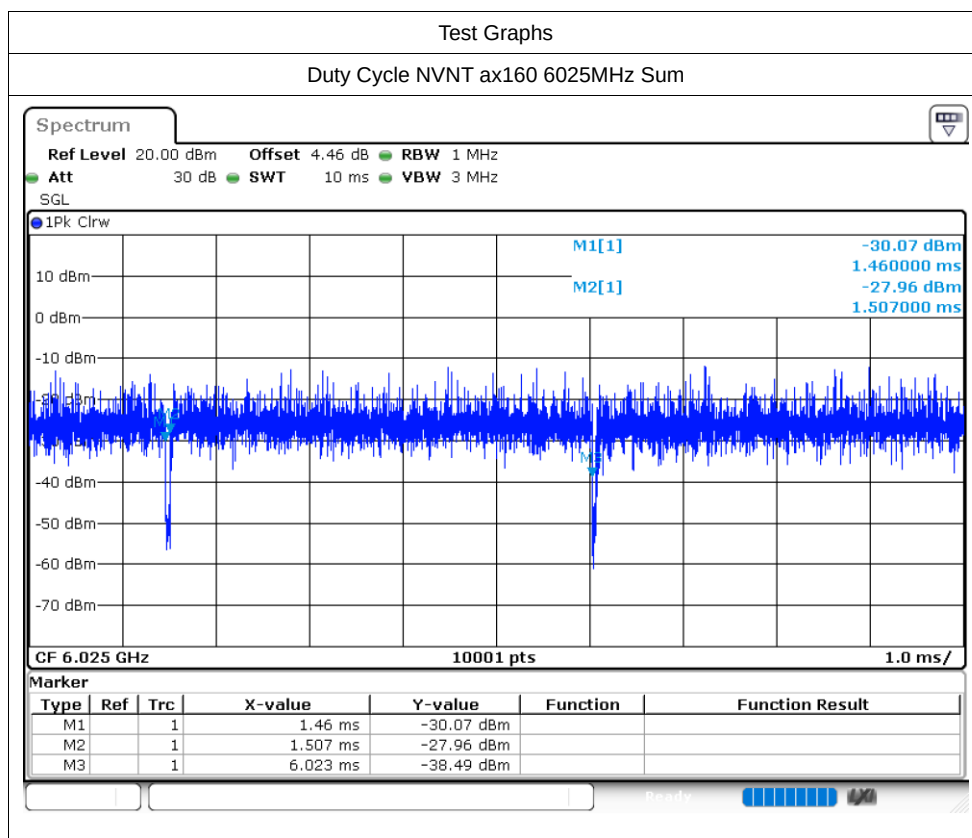


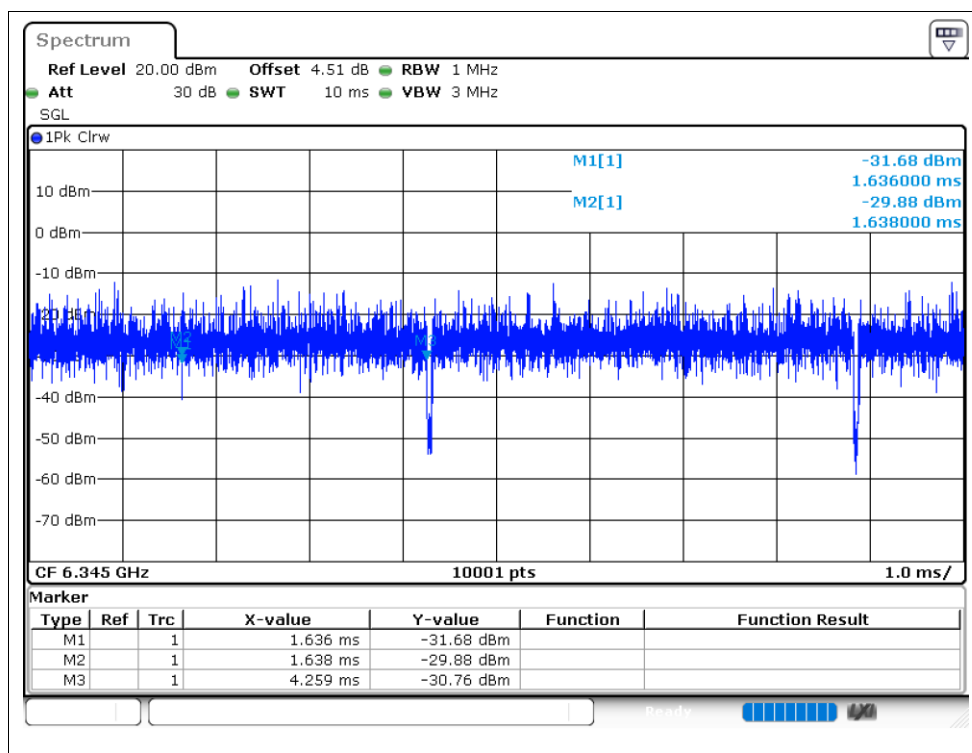


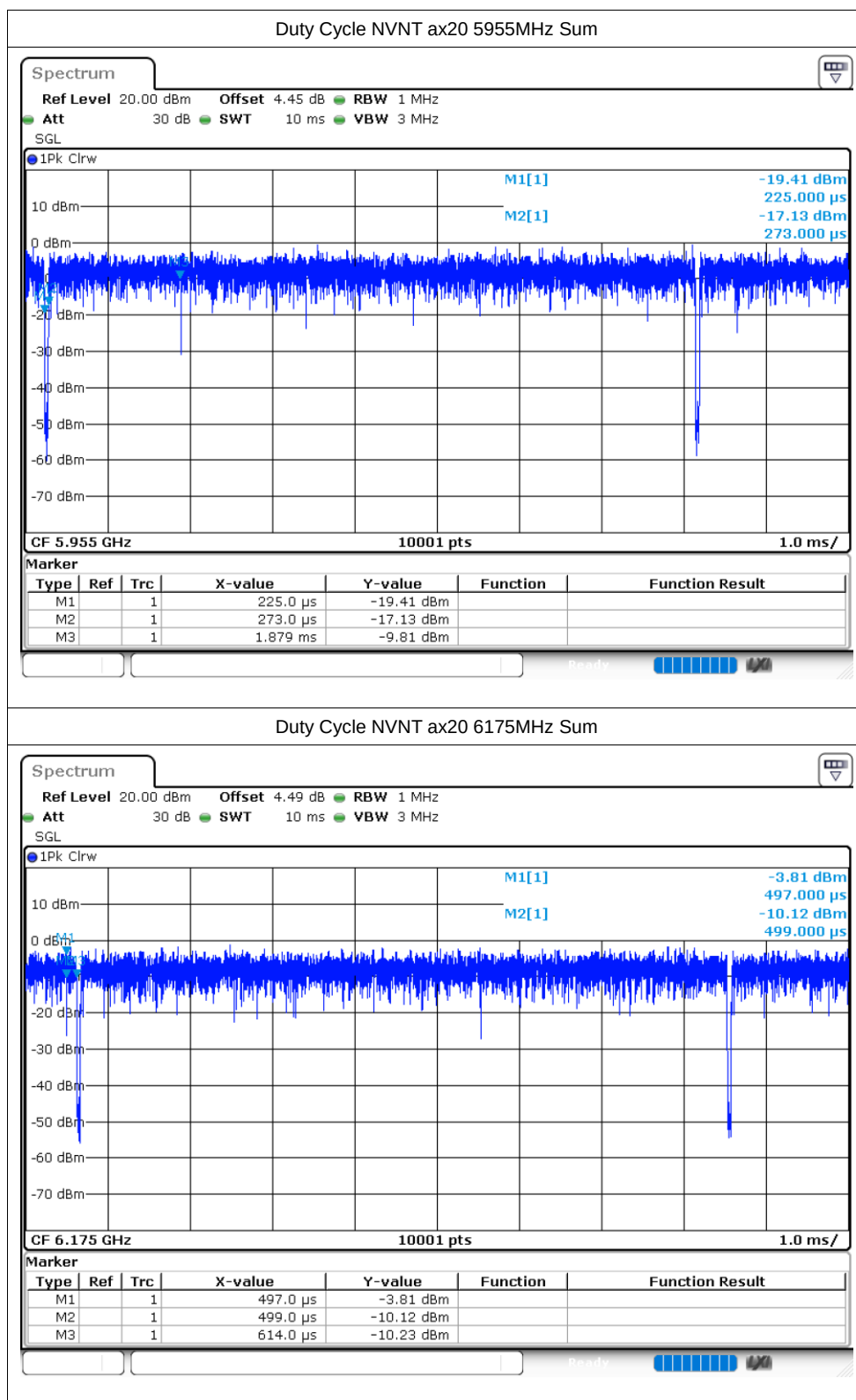
6.2G WIFI MIMO

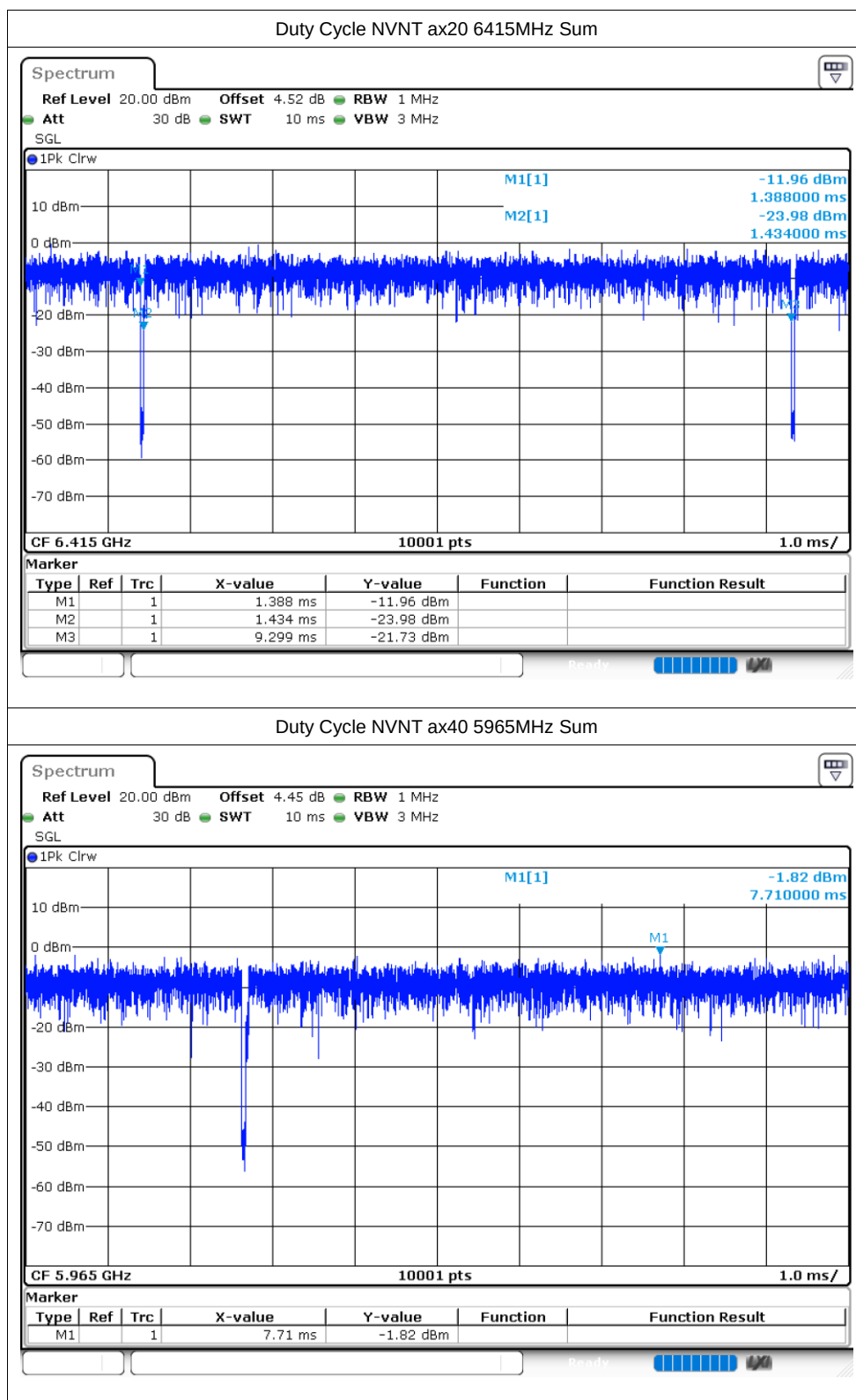
Duty Cycle

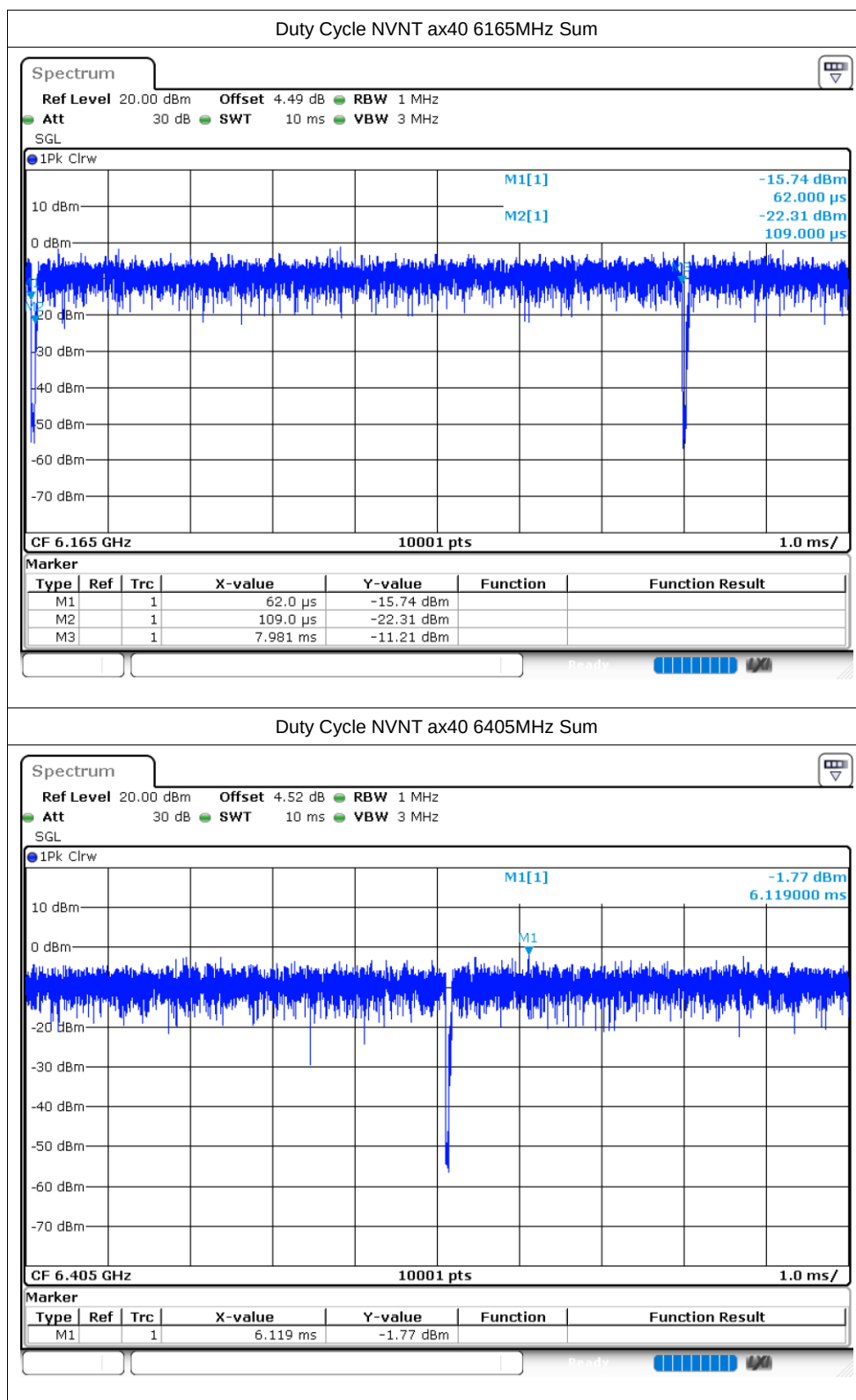
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax160	6025	Sum	98.97	0	0.22
NVNT	ax160	6185	Sum	99.84	0	0.78
NVNT	ax160	6345	Sum	99.92	0	0.38
NVNT	ax20	5955	Sum	97.1	0.13	0.62
NVNT	ax20	6175	Sum	98.29	0	8.7
NVNT	ax20	6415	Sum	99.42	0	0.13
NVNT	ax40	5965	Sum	99.55	0	0
NVNT	ax40	6165	Sum	99.41	0	0.13
NVNT	ax40	6405	Sum	99.54	0	0
NVNT	ax80	5985	Sum	99.54	0	0
NVNT	ax80	6145	Sum	99.49	0	0.13
NVNT	ax80	6385	Sum	99.49	0	0.13

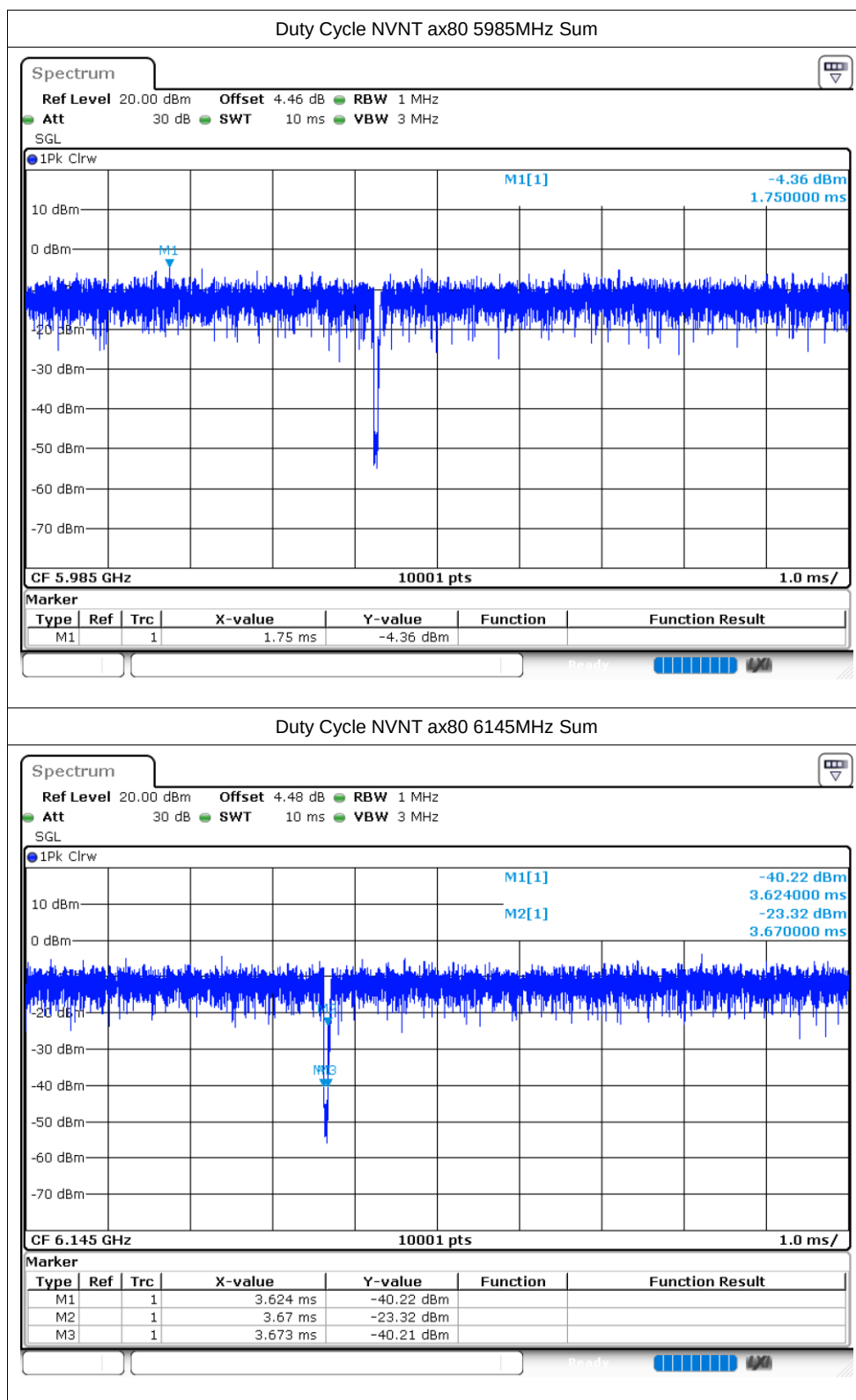


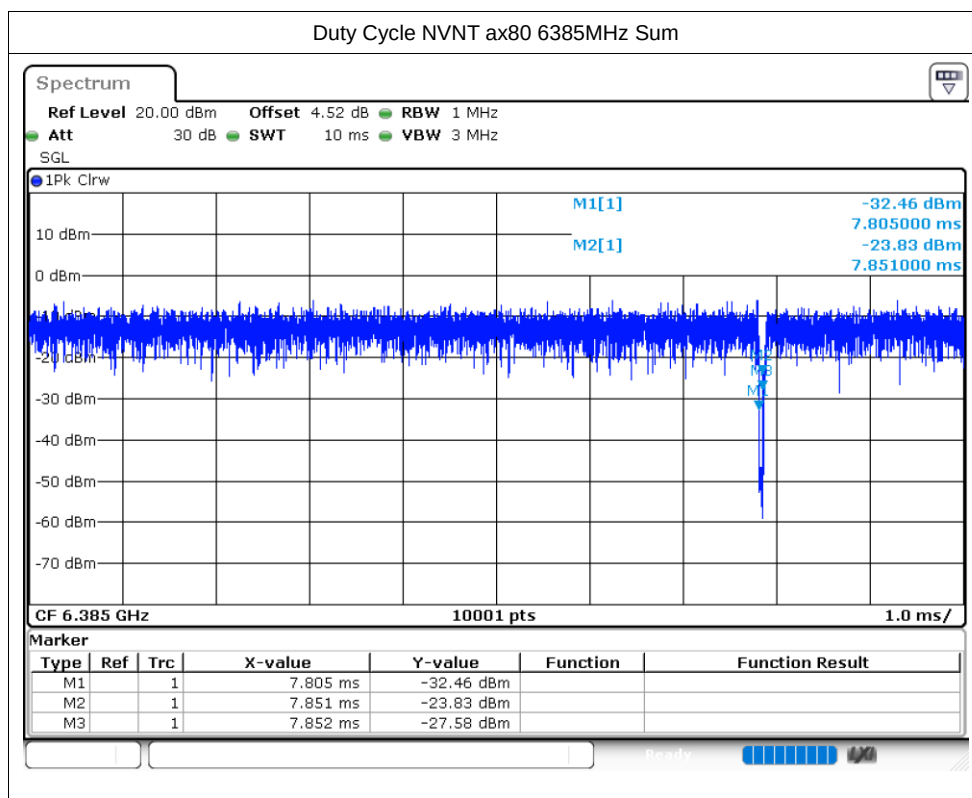










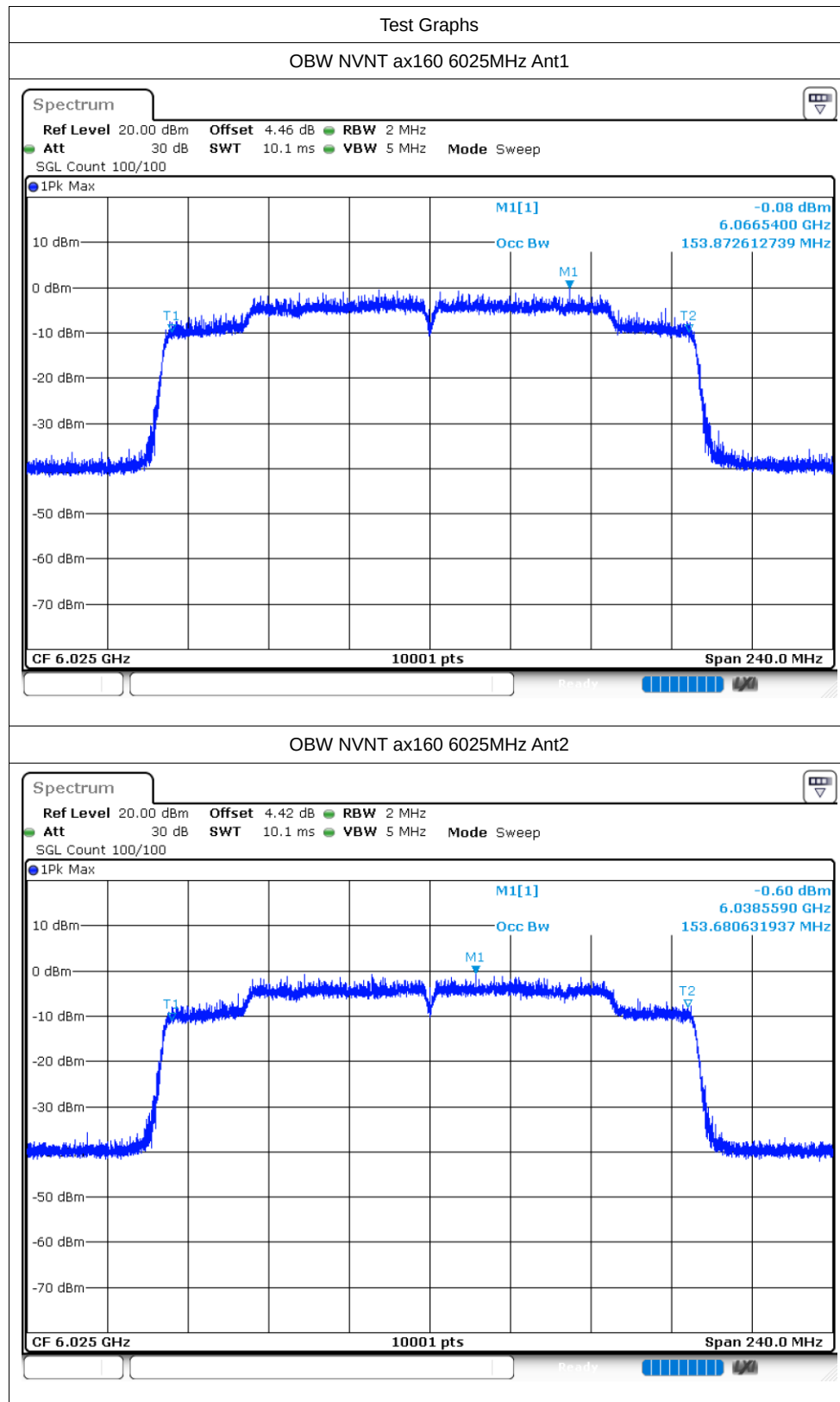


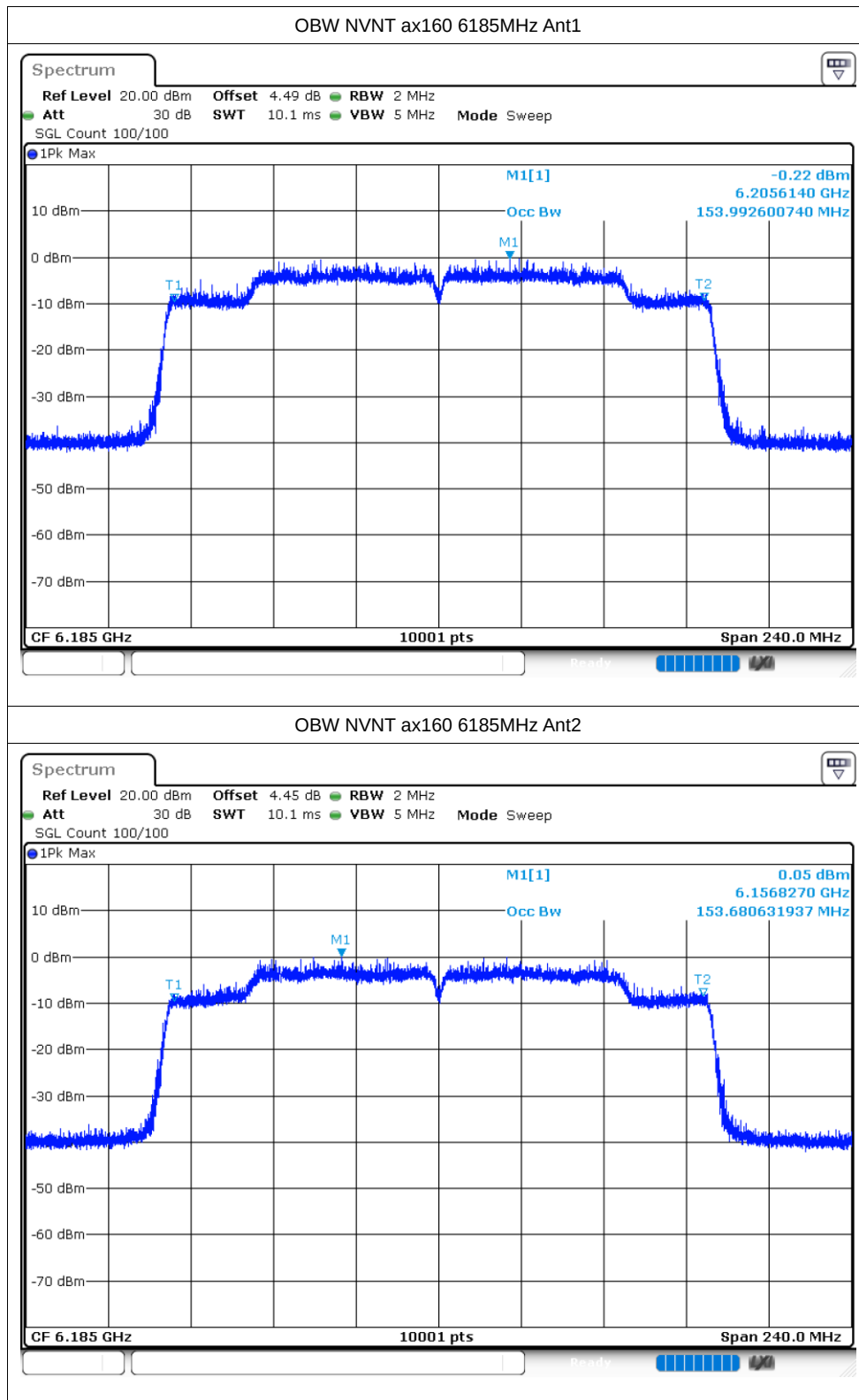
Maximum Conducted Output Power

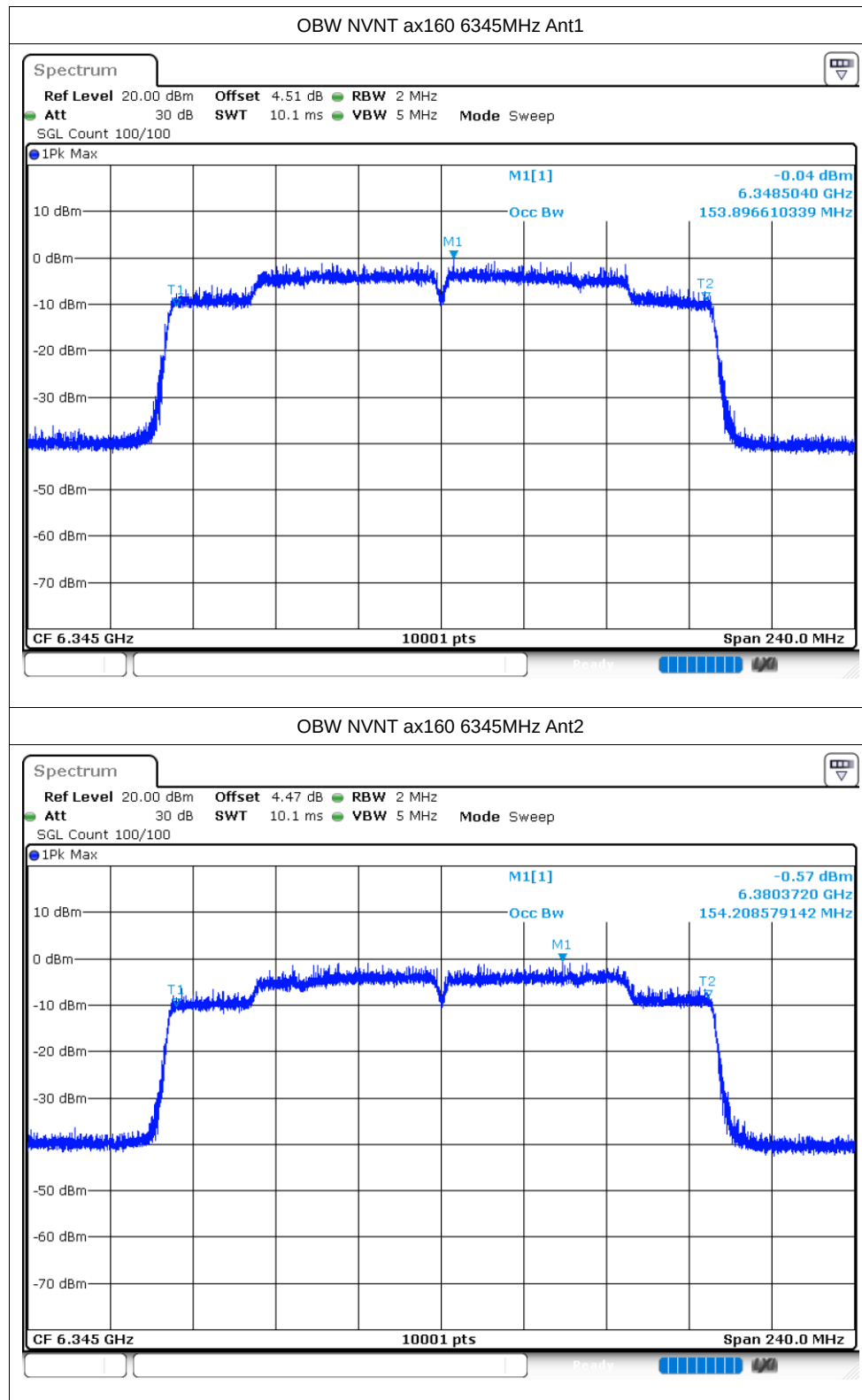
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax160	6025	Ant1	5.77	4.9	10.67	24	Pass
NVNT	ax160	6025	Ant2	6.57	4.81	11.38	24	Pass
NVNT	ax160	6025	Sum			14.05	24	Pass
NVNT	ax160	6185	Ant1	6.05	4.9	10.95	24	Pass
NVNT	ax160	6185	Ant2	6.9	4.81	11.71	24	Pass
NVNT	ax160	6185	Sum			14.36	24	Pass
NVNT	ax160	6345	Ant1	5.75	4.9	10.65	24	Pass
NVNT	ax160	6345	Ant2	6.66	4.81	11.47	24	Pass
NVNT	ax160	6345	Sum			14.09	24	Pass
NVNT	ax20	5955	Ant1	3.95	4.9	8.85	24	Pass
NVNT	ax20	5955	Ant2	5.04	4.81	9.85	24	Pass
NVNT	ax20	5955	Sum			12.39	24	Pass
NVNT	ax20	6175	Ant1	3.87	4.9	8.77	24	Pass
NVNT	ax20	6175	Ant2	5.05	4.81	9.86	24	Pass
NVNT	ax20	6175	Sum			12.36	24	Pass
NVNT	ax20	6415	Ant1	3.72	4.9	8.62	24	Pass
NVNT	ax20	6415	Ant2	4.82	4.81	9.63	24	Pass
NVNT	ax20	6415	Sum			12.16	24	Pass
NVNT	ax40	5965	Ant1	5.54	4.9	10.44	24	Pass
NVNT	ax40	5965	Ant2	6.89	4.81	11.7	24	Pass
NVNT	ax40	5965	Sum			14.13	24	Pass
NVNT	ax40	6165	Ant1	5.72	4.9	10.62	24	Pass
NVNT	ax40	6165	Ant2	6.89	4.81	11.7	24	Pass
NVNT	ax40	6165	Sum			14.20	24	Pass
NVNT	ax40	6405	Ant1	5.64	4.9	10.54	24	Pass
NVNT	ax40	6405	Ant2	6.81	4.81	11.62	24	Pass
NVNT	ax40	6405	Sum			14.12	24	Pass
NVNT	ax80	5985	Ant1	5.89	4.9	10.79	24	Pass
NVNT	ax80	5985	Ant2	6.63	4.81	11.44	24	Pass
NVNT	ax80	5985	Sum			14.14	24	Pass
NVNT	ax80	6145	Ant1	5.41	4.9	10.31	24	Pass
NVNT	ax80	6145	Ant2	6.59	4.81	11.4	24	Pass
NVNT	ax80	6145	Sum			13.9	24	Pass
NVNT	ax80	6385	Ant1	5.54	4.9	10.44	24	Pass
NVNT	ax80	6385	Ant2	6.13	4.81	10.94	24	Pass
NVNT	ax80	6385	Sum			13.71	24	Pass

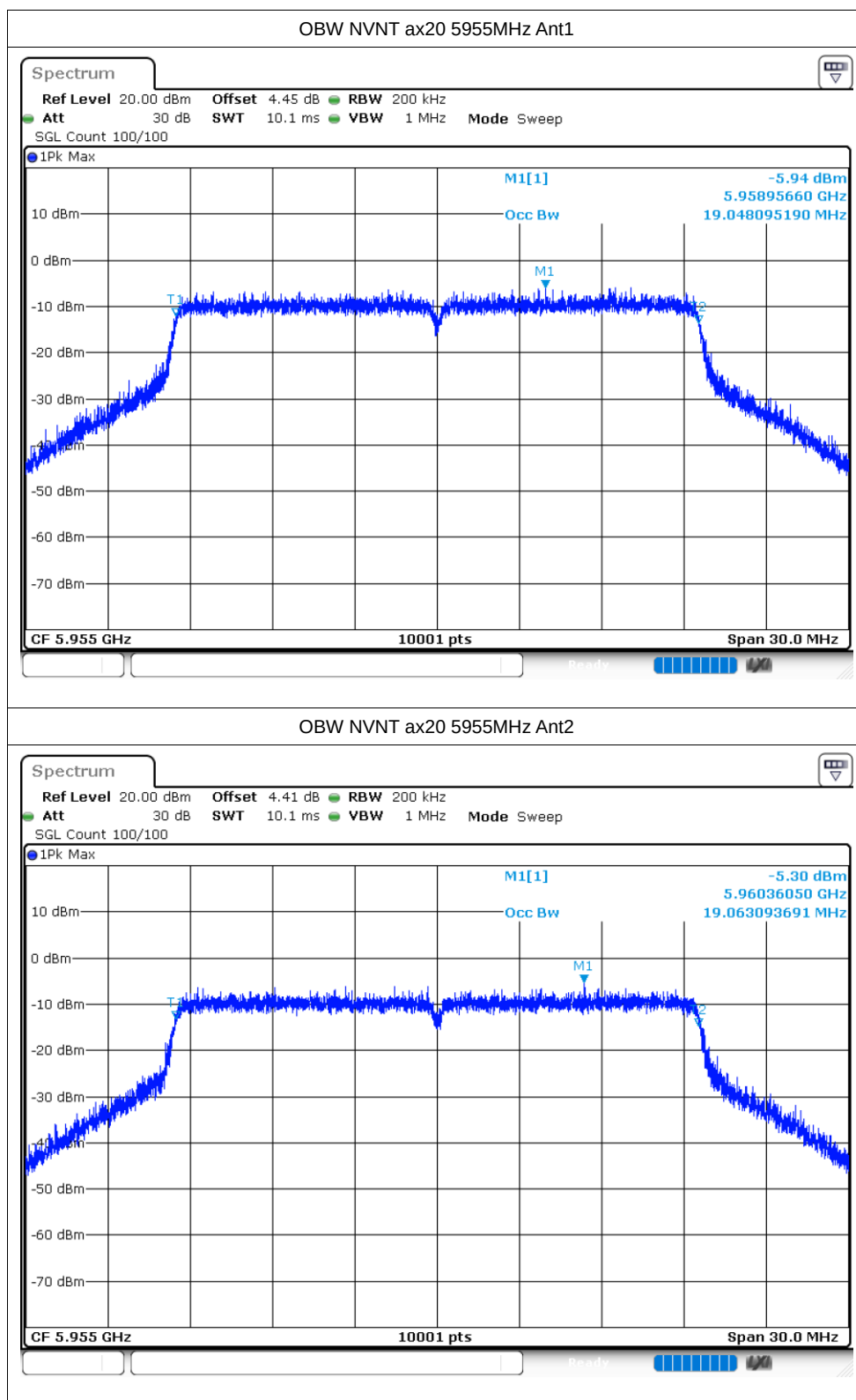
Occupied Channel Bandwidth

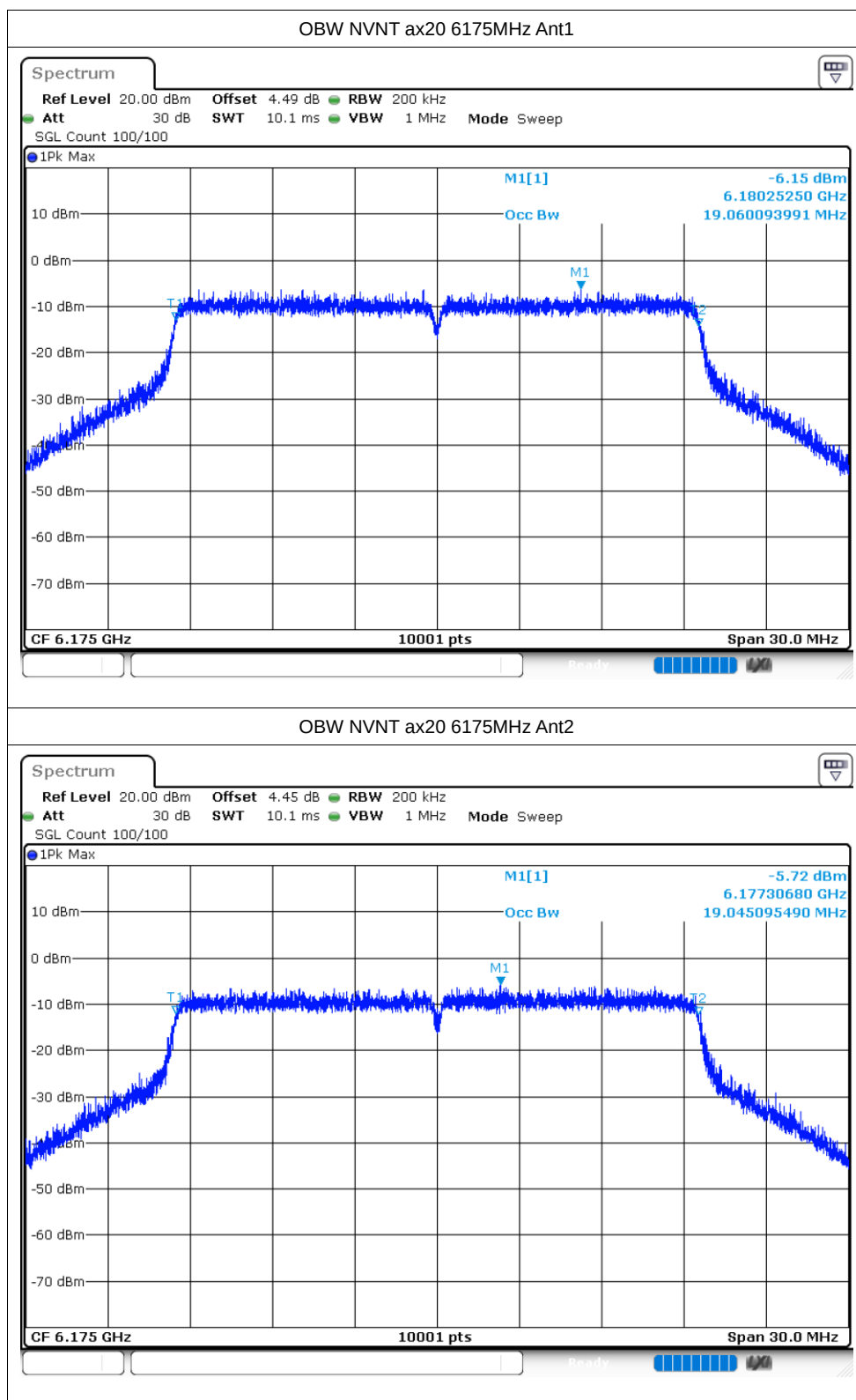
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax160	6025	Ant1	153.873
NVNT	ax160	6025	Ant2	153.681
NVNT	ax160	6185	Ant1	153.993
NVNT	ax160	6185	Ant2	153.681
NVNT	ax160	6345	Ant1	153.897
NVNT	ax160	6345	Ant2	154.209
NVNT	ax20	5955	Ant1	19.048
NVNT	ax20	5955	Ant2	19.063
NVNT	ax20	6175	Ant1	19.06
NVNT	ax20	6175	Ant2	19.045
NVNT	ax20	6415	Ant1	19.045
NVNT	ax20	6415	Ant2	19.033
NVNT	ax40	5965	Ant1	37.886
NVNT	ax40	5965	Ant2	37.868
NVNT	ax40	6165	Ant1	37.874
NVNT	ax40	6165	Ant2	37.82
NVNT	ax40	6405	Ant1	37.85
NVNT	ax40	6405	Ant2	37.79
NVNT	ax80	5985	Ant1	76.636
NVNT	ax80	5985	Ant2	76.696
NVNT	ax80	6145	Ant1	76.612
NVNT	ax80	6145	Ant2	76.54
NVNT	ax80	6385	Ant1	76.624
NVNT	ax80	6385	Ant2	76.72

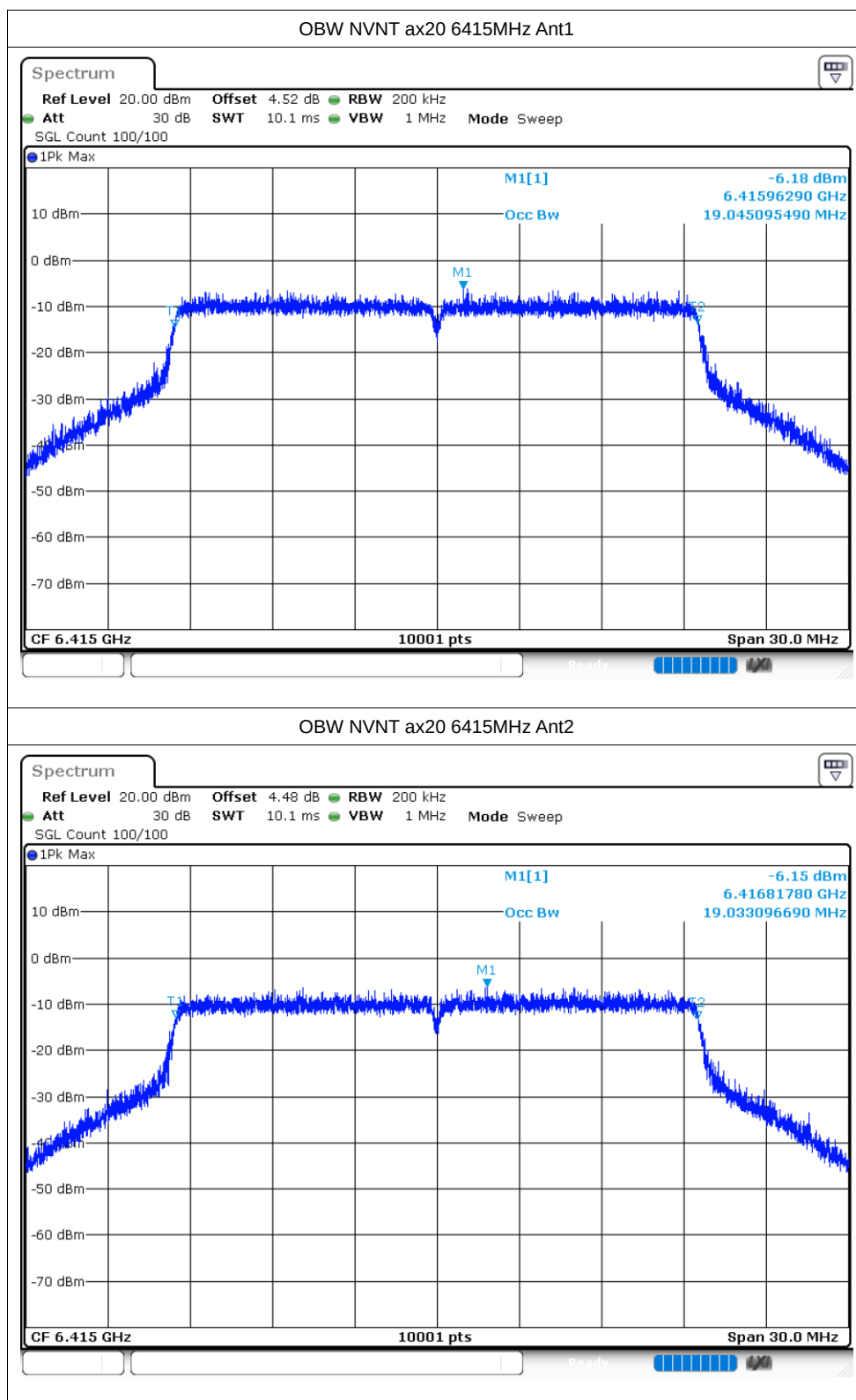


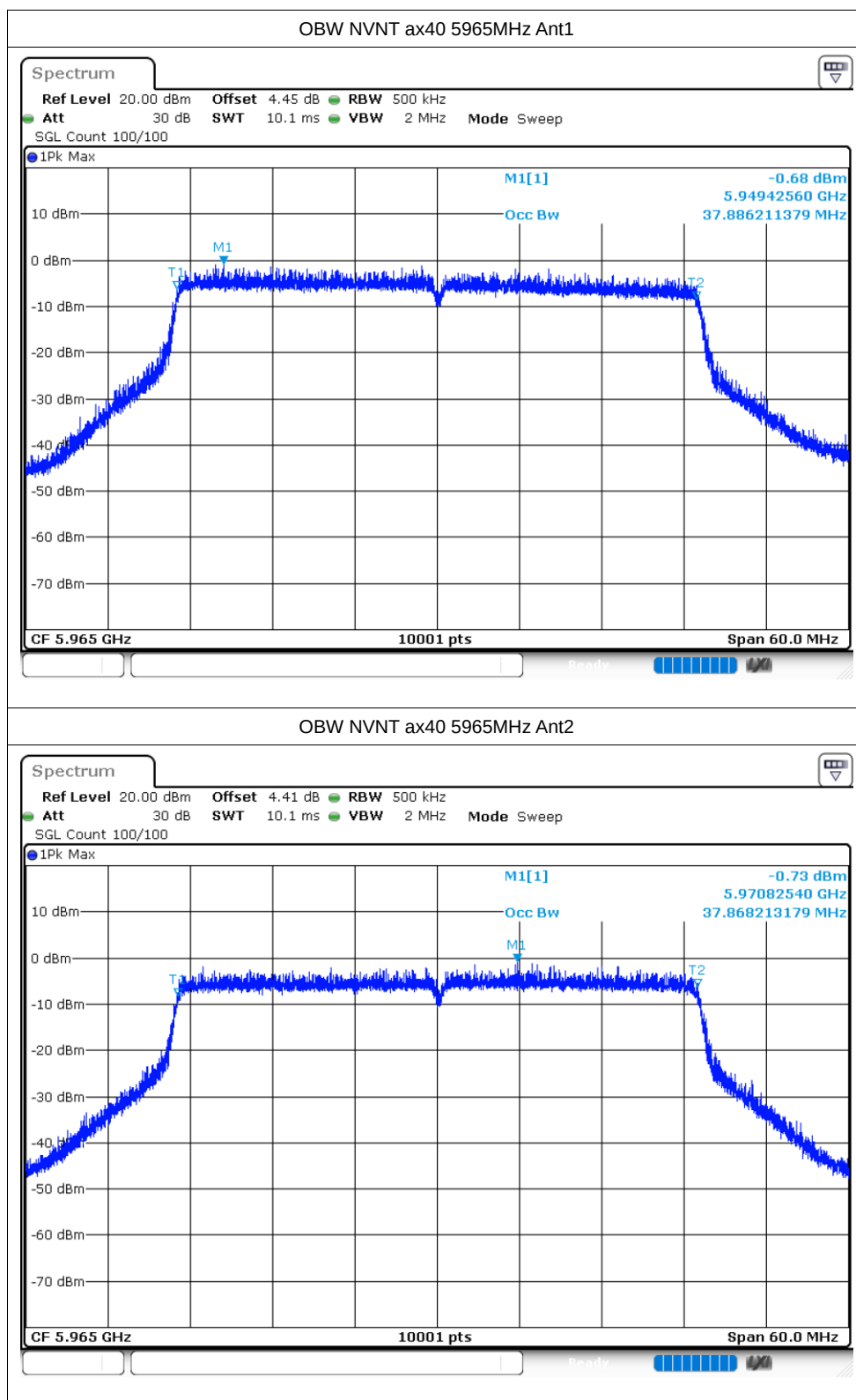


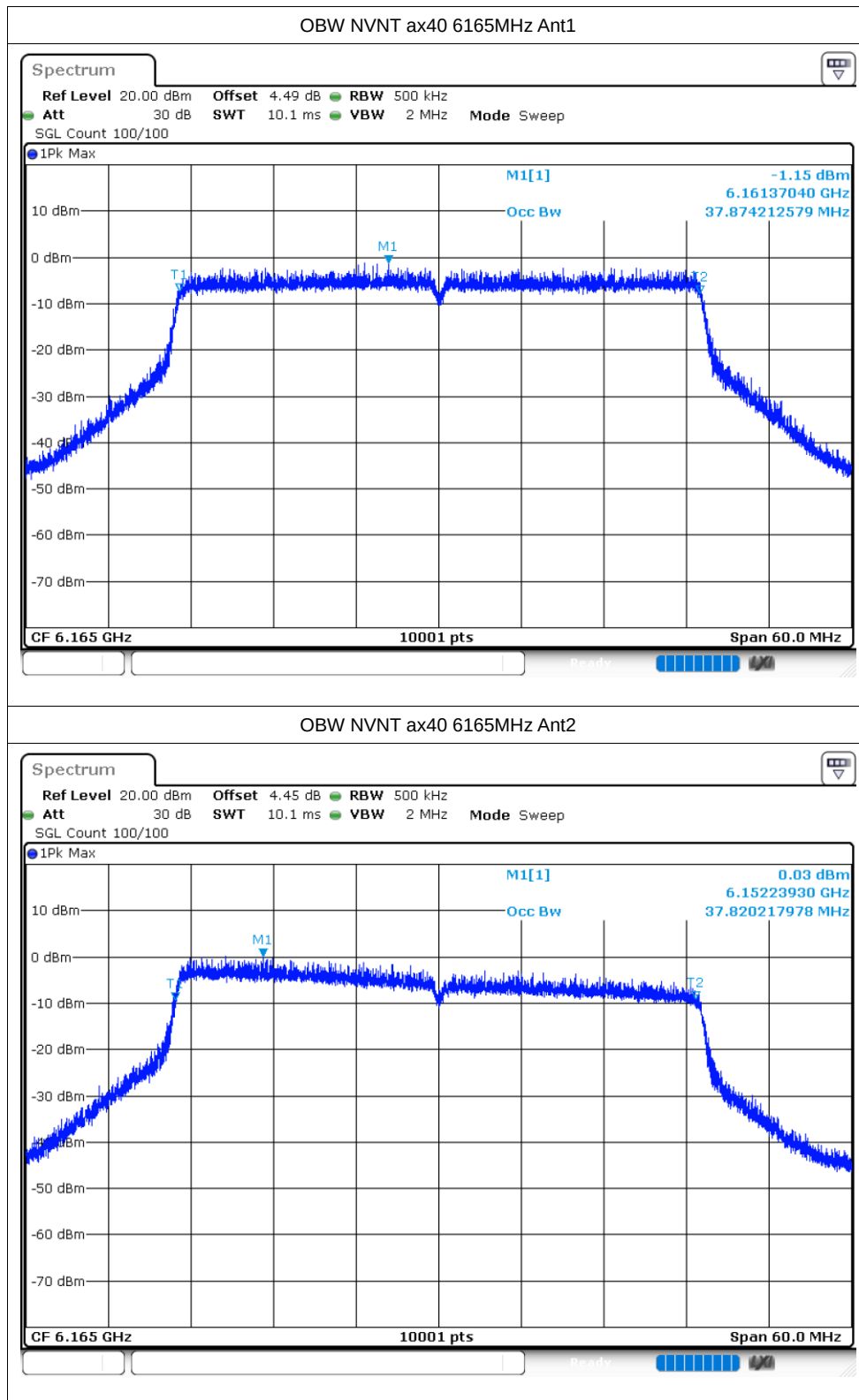


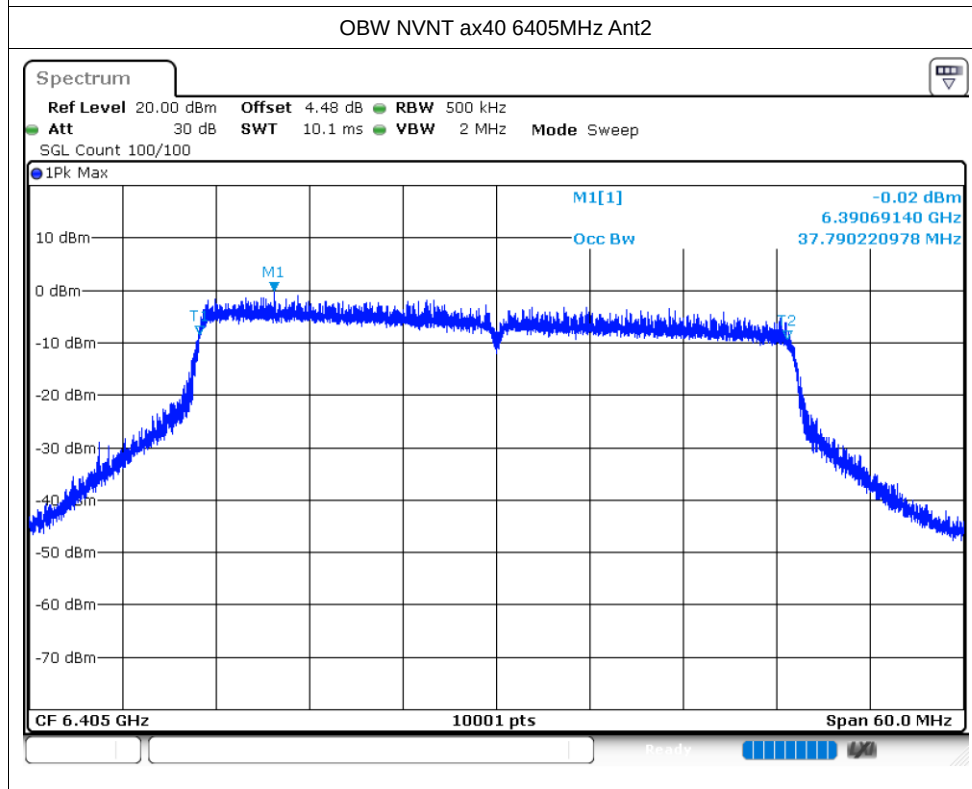
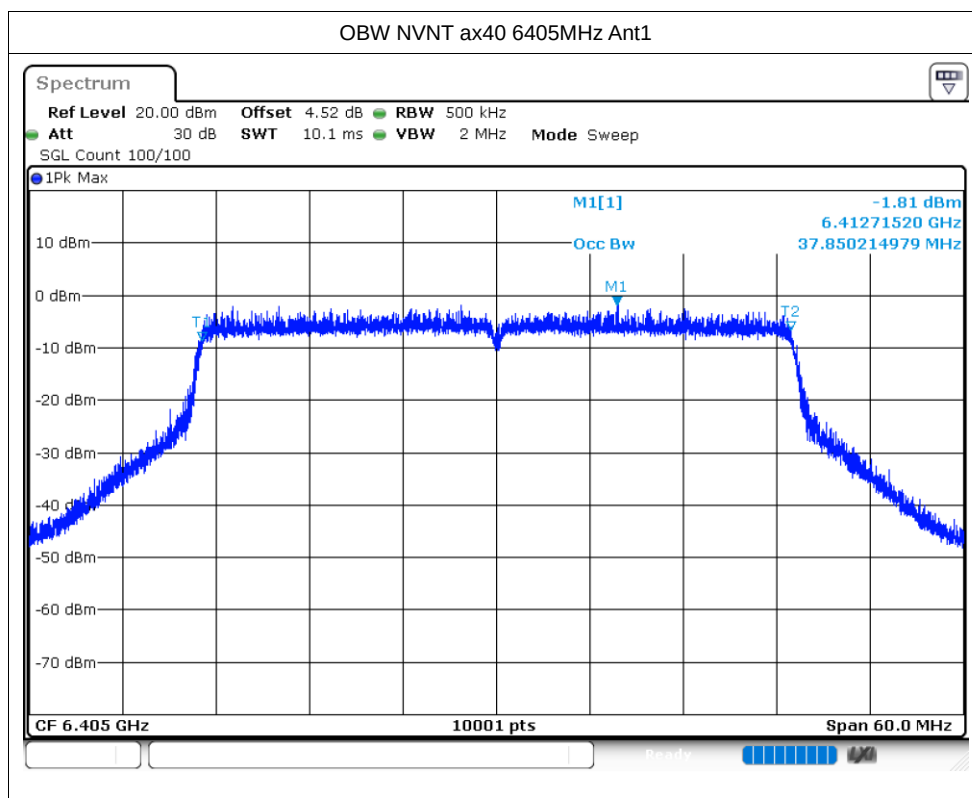


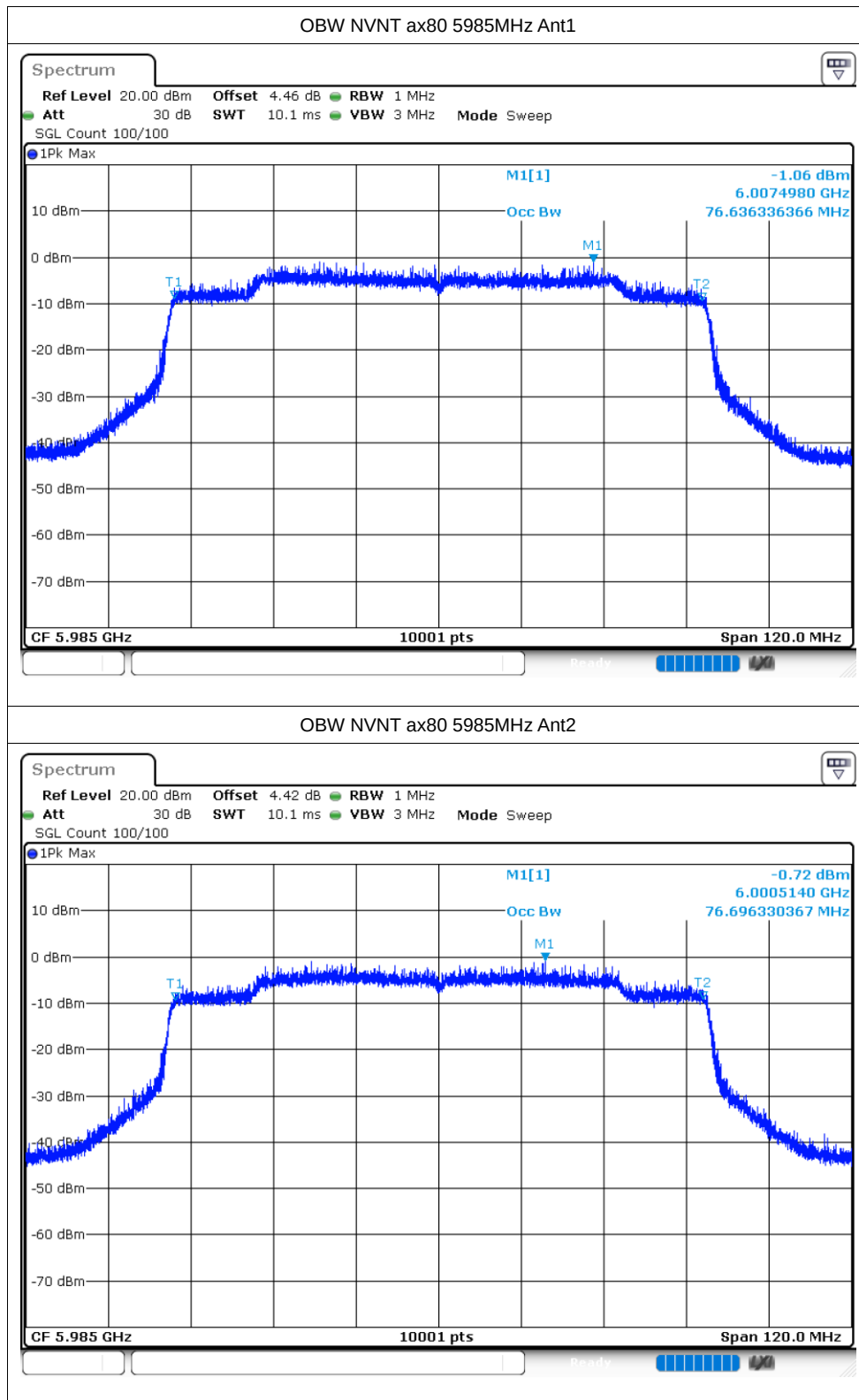


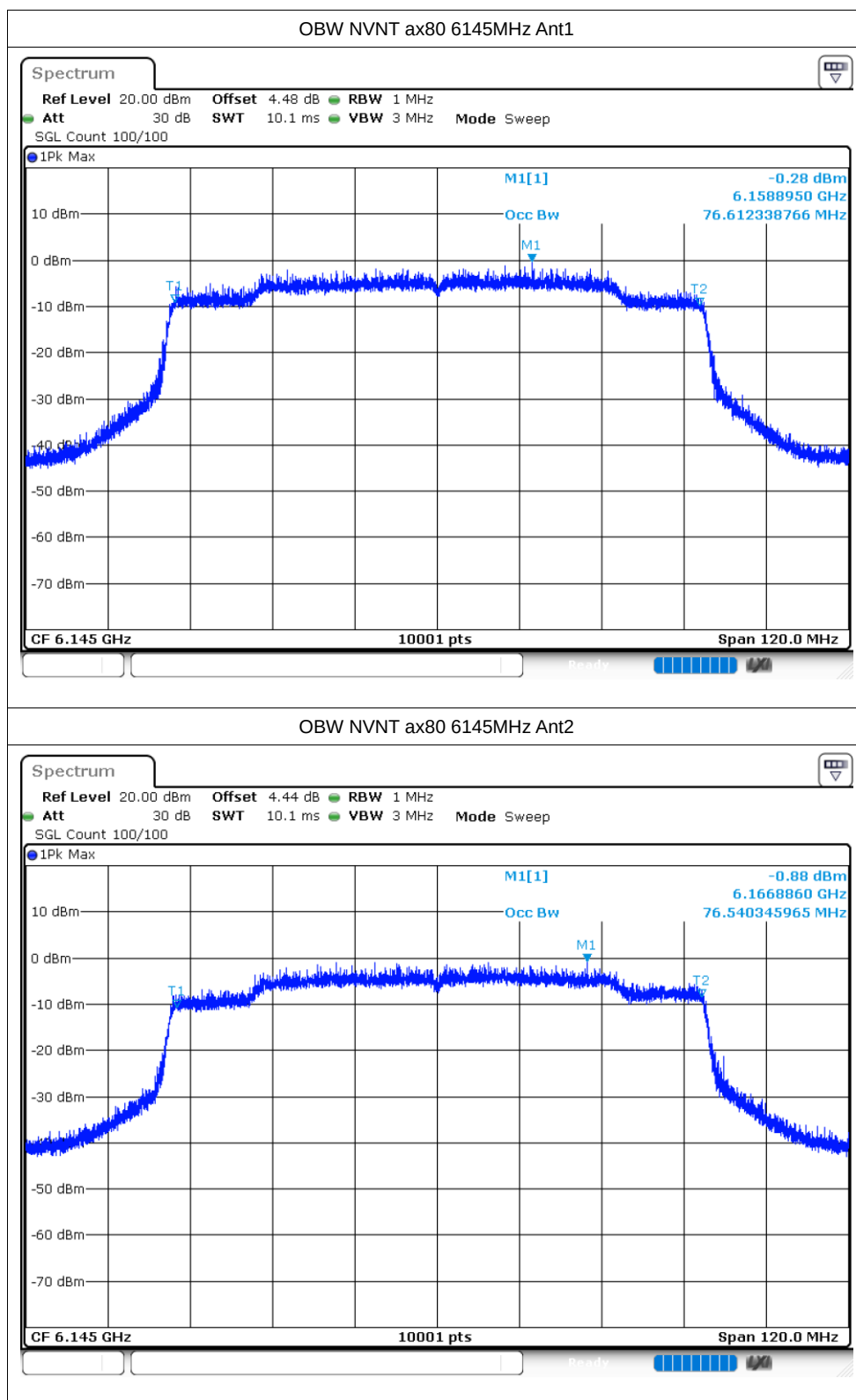


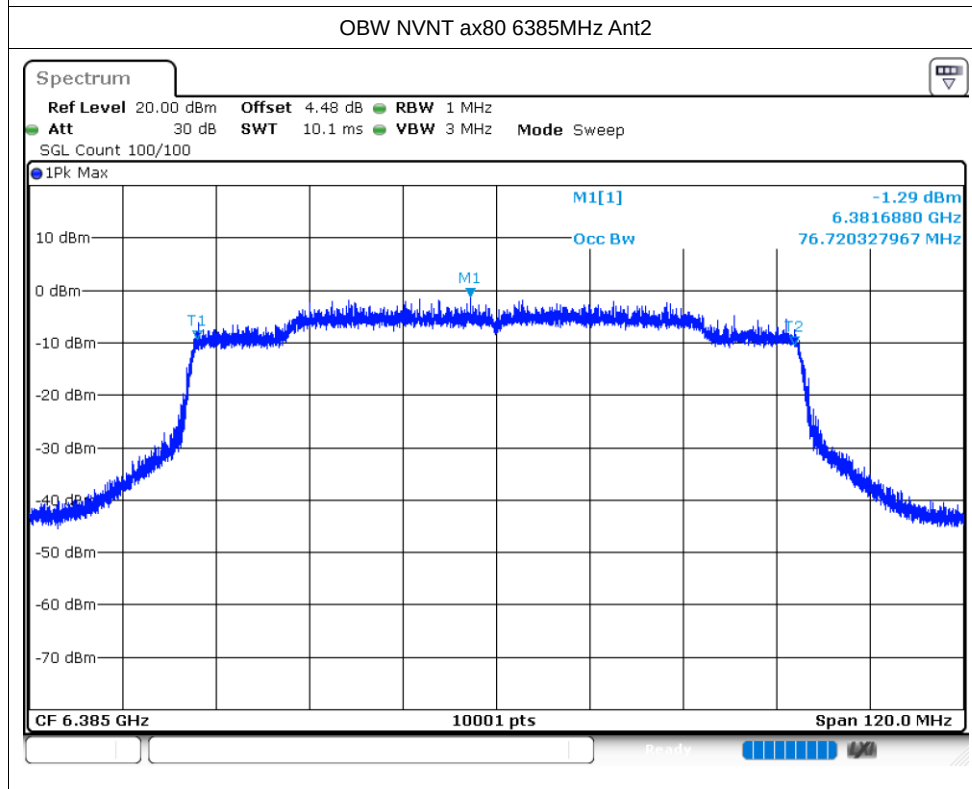
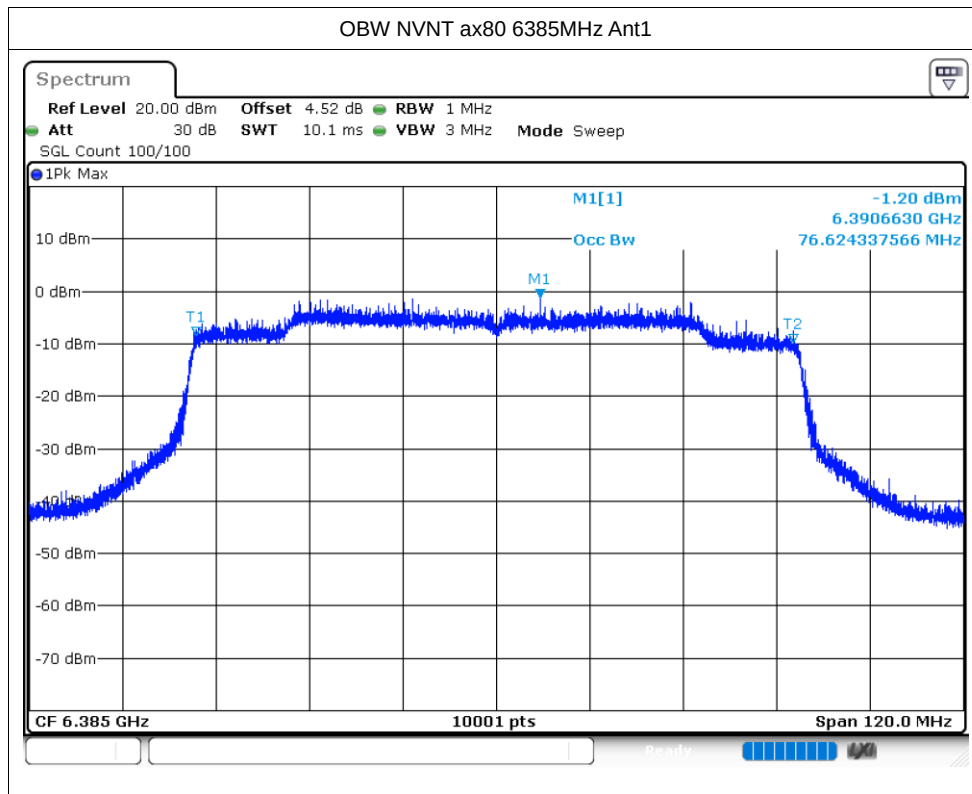










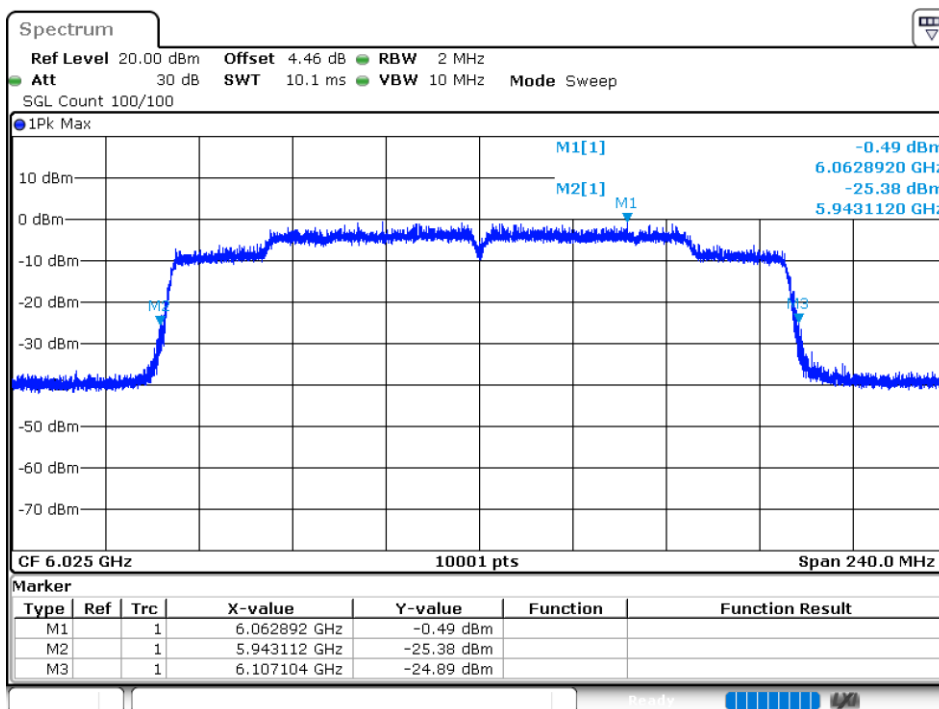


-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	ax160	6025	Ant1	163.992	Pass
NVNT	ax160	6025	Ant2	163.776	Pass
NVNT	ax160	6185	Ant1	164.568	Pass
NVNT	ax160	6185	Ant2	163.176	Pass
NVNT	ax160	6345	Ant1	163.488	Pass
NVNT	ax160	6345	Ant2	163.632	Pass
NVNT	ax20	5955	Ant1	25.092	Pass
NVNT	ax20	5955	Ant2	25.383	Pass
NVNT	ax20	6175	Ant1	24.402	Pass
NVNT	ax20	6175	Ant2	25.488	Pass
NVNT	ax20	6415	Ant1	24.597	Pass
NVNT	ax20	6415	Ant2	24.768	Pass
NVNT	ax40	5965	Ant1	45.186	Pass
NVNT	ax40	5965	Ant2	44.55	Pass
NVNT	ax40	6165	Ant1	44.994	Pass
NVNT	ax40	6165	Ant2	43.314	Pass
NVNT	ax40	6405	Ant1	45.012	Pass
NVNT	ax40	6405	Ant2	44.232	Pass
NVNT	ax80	5985	Ant1	85.344	Pass
NVNT	ax80	5985	Ant2	82.98	Pass
NVNT	ax80	6145	Ant1	83.316	Pass
NVNT	ax80	6145	Ant2	85.812	Pass
NVNT	ax80	6385	Ant1	83.22	Pass
NVNT	ax80	6385	Ant2	82.62	Pass

Test Graphs

-26dB Bandwidth NVNT ax160 6025MHz Ant1



-26dB Bandwidth NVNT ax160 6025MHz Ant2

