

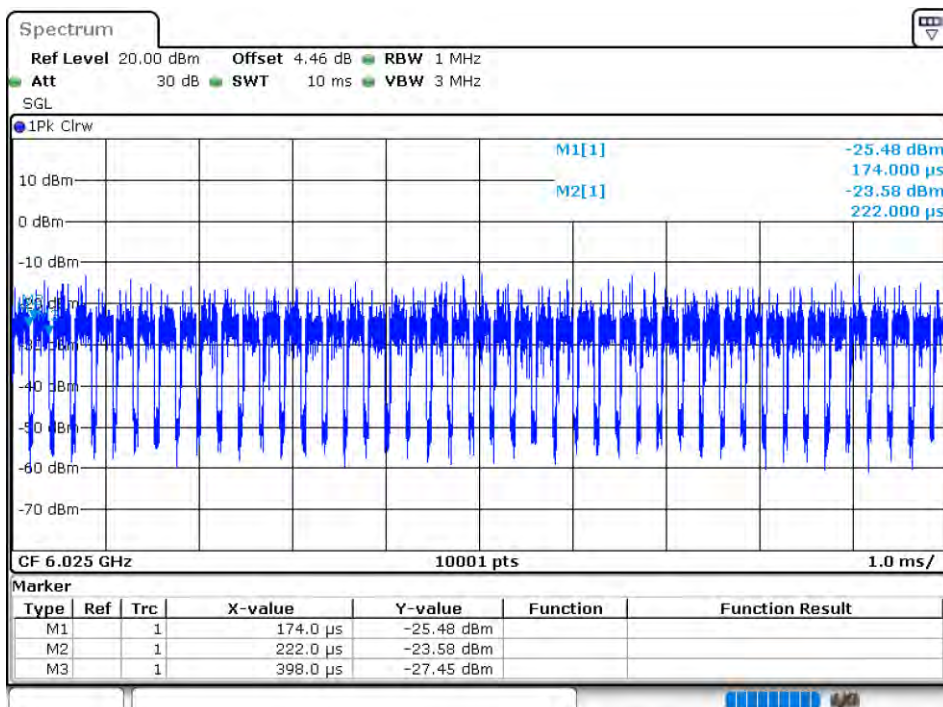
WIFI6E-115

Duty Cycle

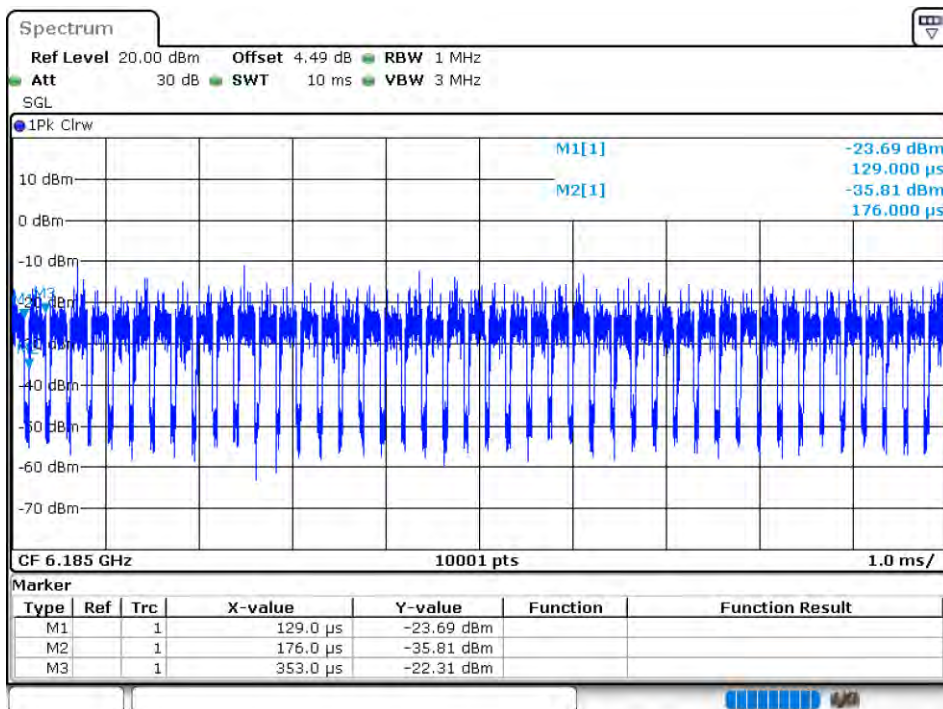
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax160	6025	Ant1	78.57	1.05	5.68
NVNT	ax160	6185	Ant1	79.02	1.02	5.65
NVNT	ax160	6345	Ant1	79.02	1.02	5.65
NVNT	ax160	6025	Ant2	79.02	1.02	5.65
NVNT	ax160	6185	Ant2	78.57	1.05	5.68
NVNT	ax160	6345	Ant2	79.02	1.02	5.65
NVNT	ax20	5955	Ant1	78.48	1.05	5.71
NVNT	ax20	6175	Ant1	78.38	1.06	5.75
NVNT	ax20	6415	Ant1	78.48	1.05	5.71
NVNT	ax20	5955	Ant2	78.48	1.05	5.71
NVNT	ax20	6175	Ant2	78.03	1.08	5.75
NVNT	ax20	6415	Ant2	78.48	1.05	5.71
NVNT	ax40	5965	Ant1	78.08	1.07	5.85
NVNT	ax40	6165	Ant1	78.08	1.07	5.85
NVNT	ax40	6405	Ant1	96.47	0.16	6.1
NVNT	ax40	5965	Ant2	78.54	1.05	5.81
NVNT	ax40	6165	Ant2	78.44	1.05	5.85
NVNT	ax40	6405	Ant2	78.54	1.05	5.81
NVNT	ax80	5985	Ant1	79.02	1.02	5.65
NVNT	ax80	6145	Ant1	79.02	1.02	5.65
NVNT	ax80	6385	Ant1	79.11	1.02	5.62
NVNT	ax80	5985	Ant2	79.02	1.02	5.65
NVNT	ax80	6145	Ant2	79.02	1.02	5.65
NVNT	ax80	6385	Ant2	79.02	1.02	5.65

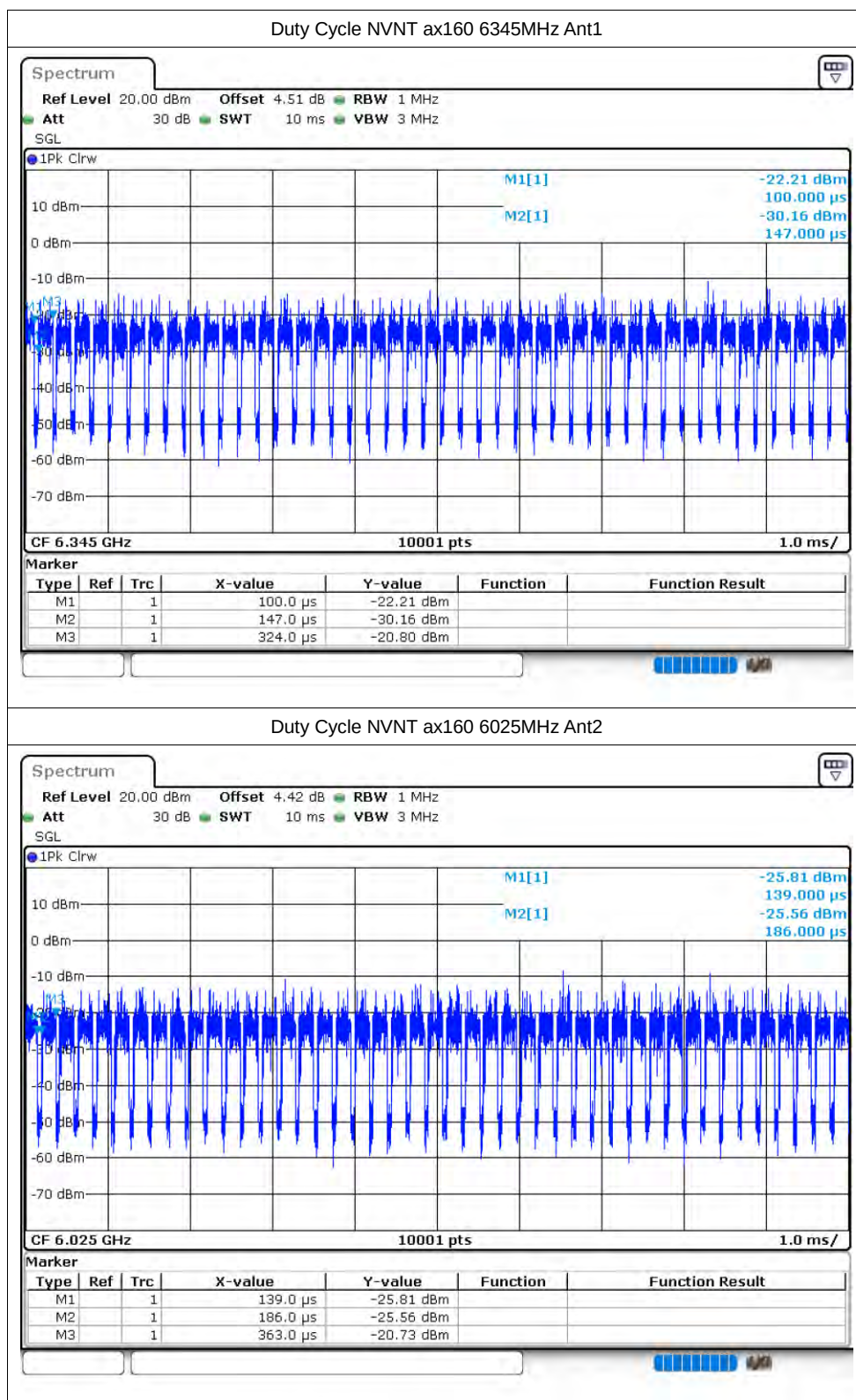
Test Graphs

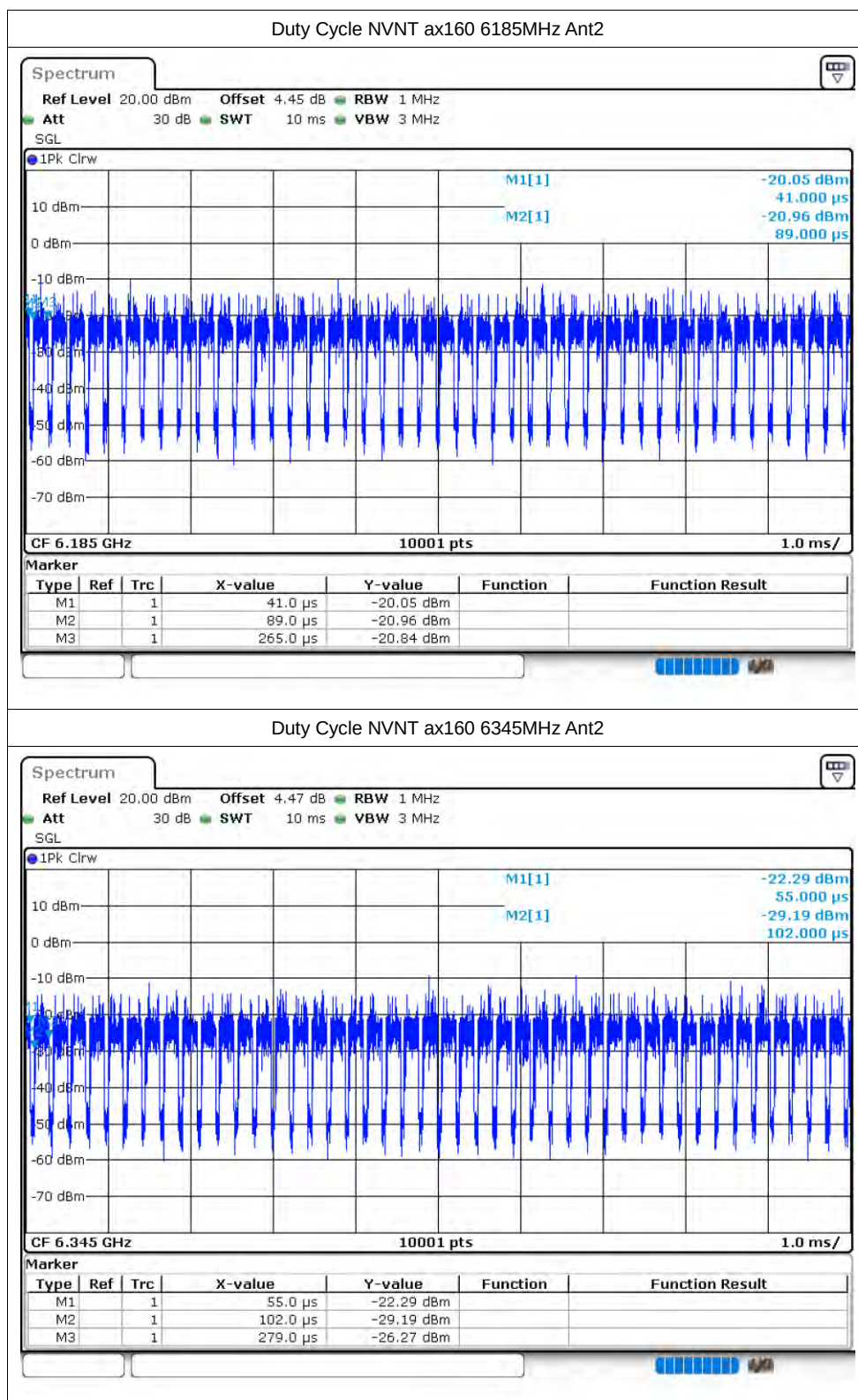
Duty Cycle NVNT ax160 6025MHz Ant1



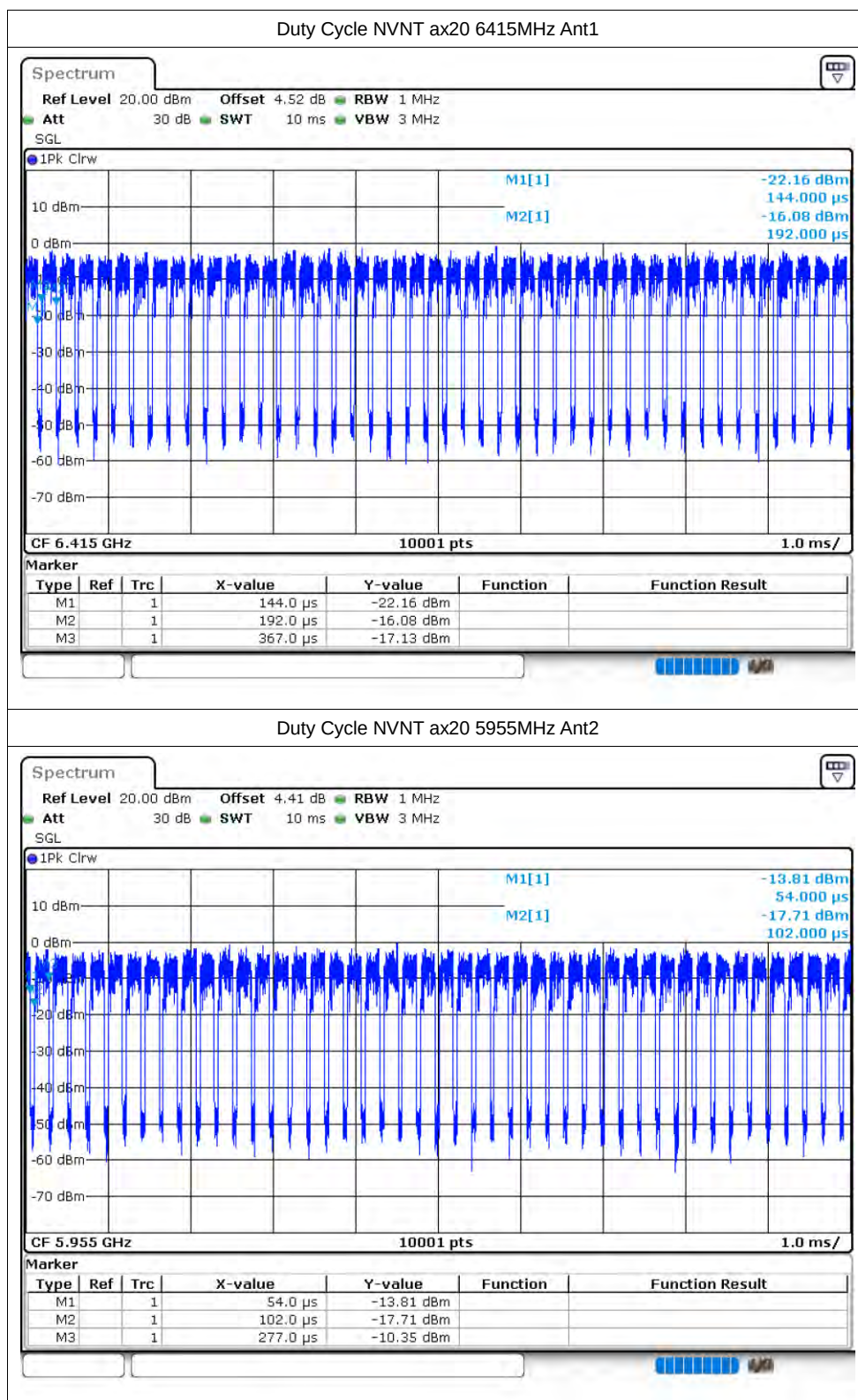
Duty Cycle NVNT ax160 6185MHz Ant1

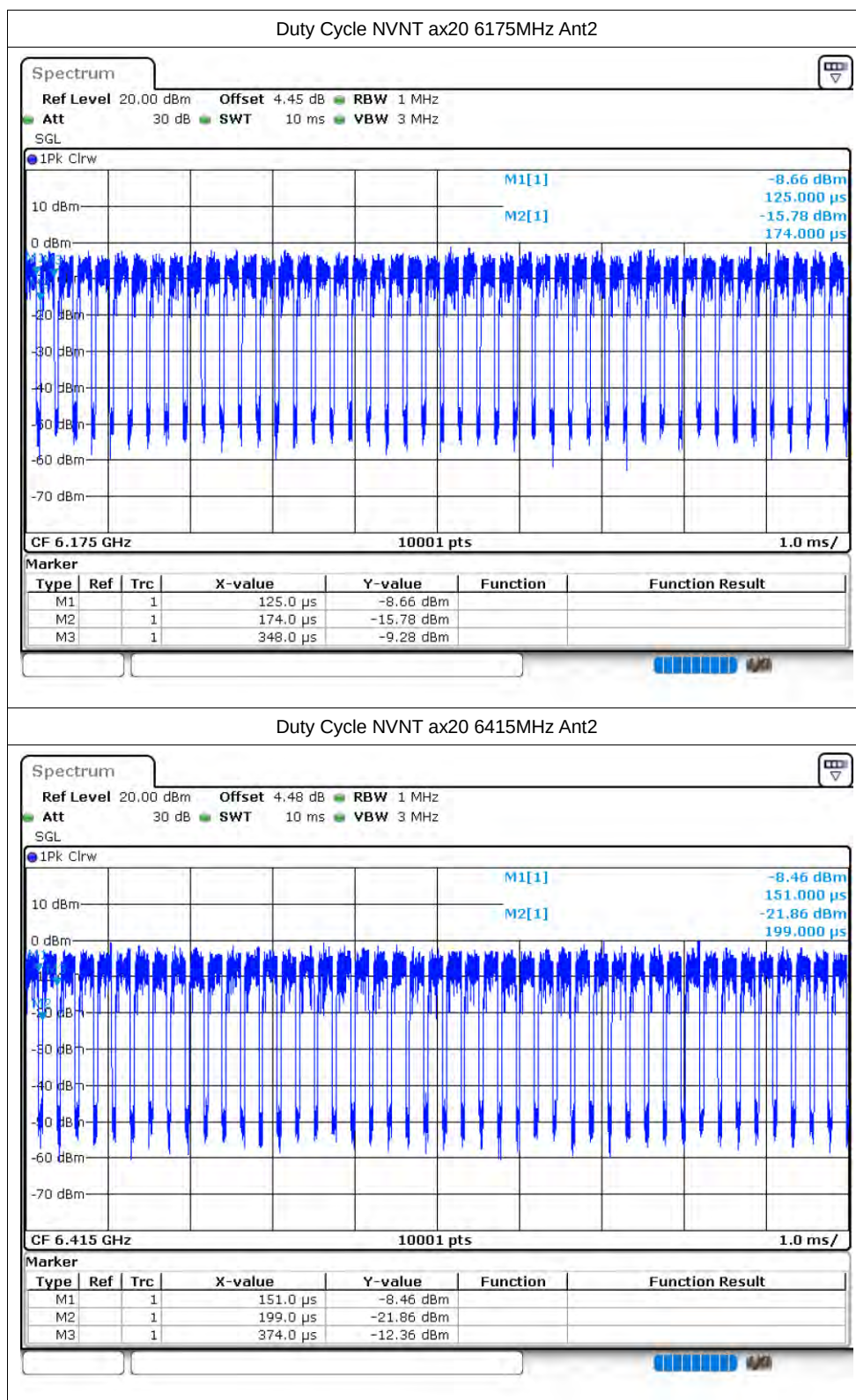


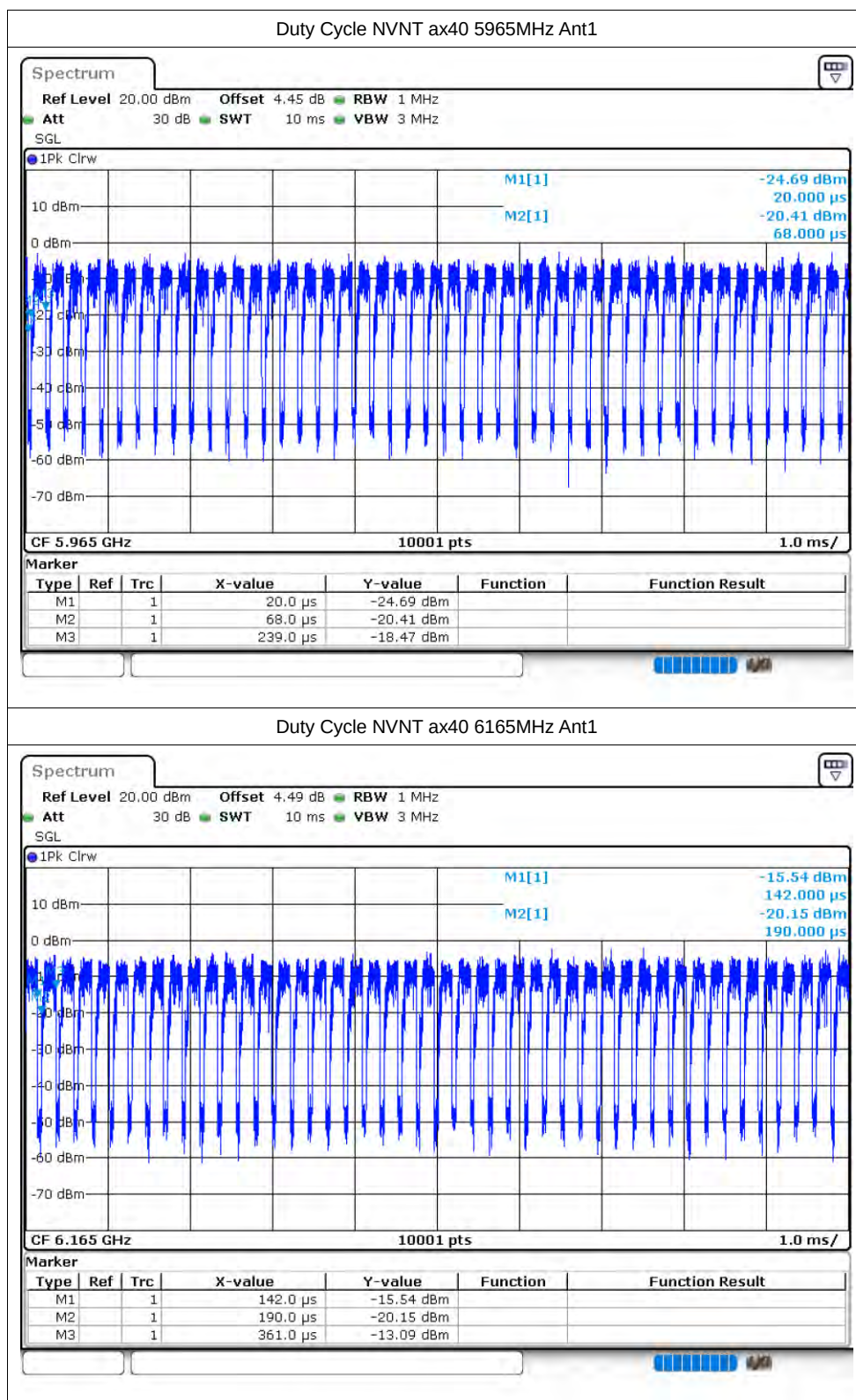


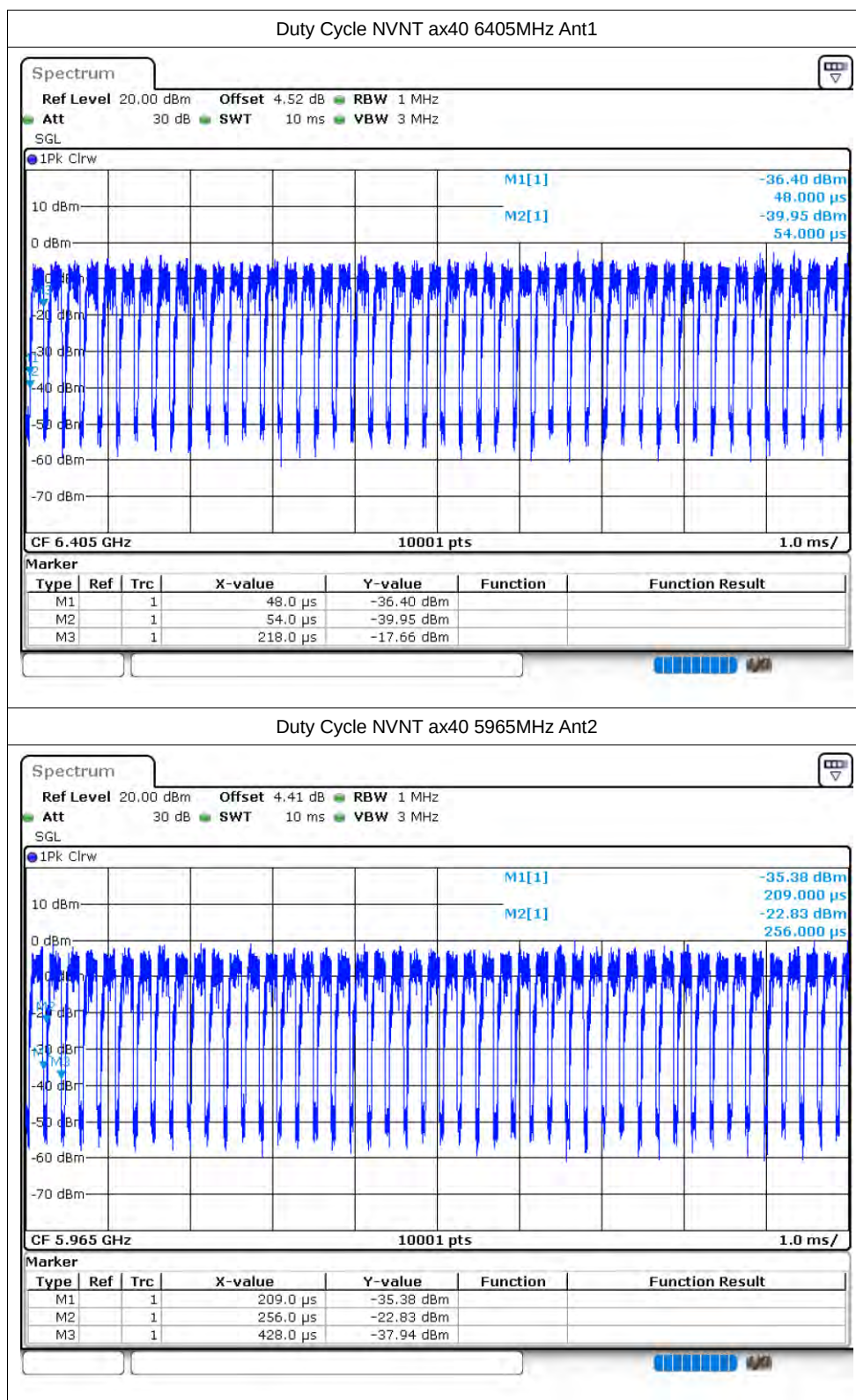


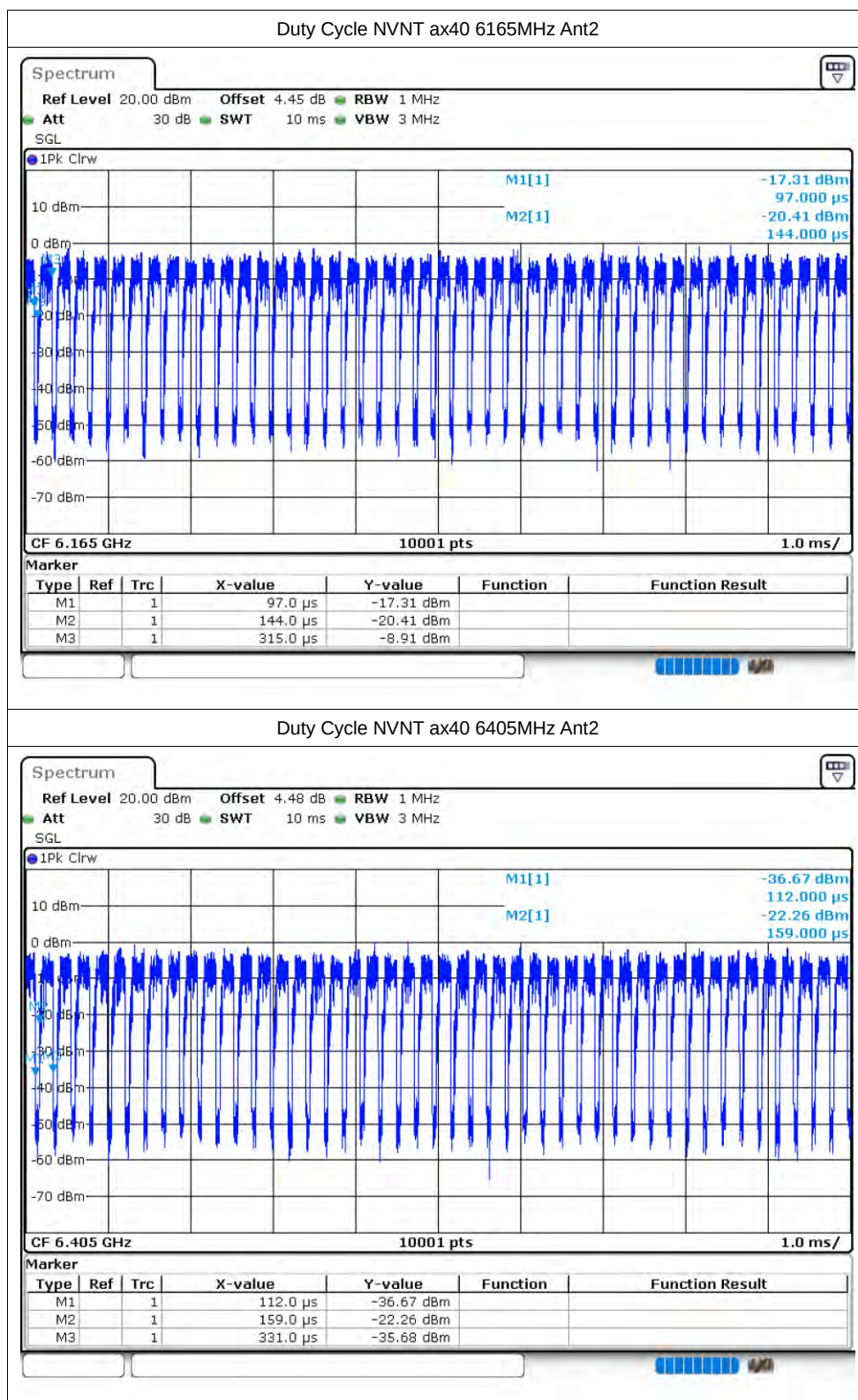


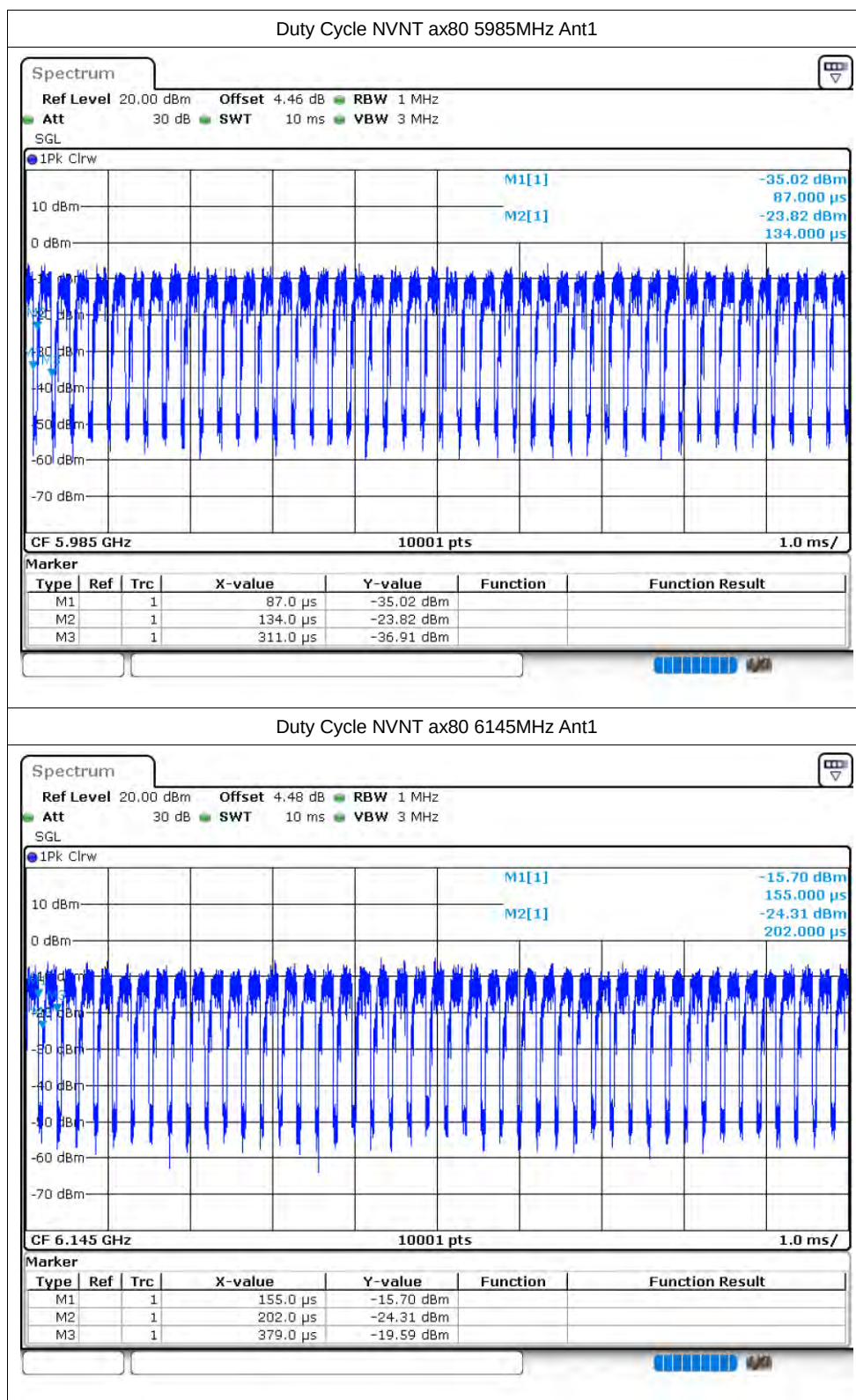


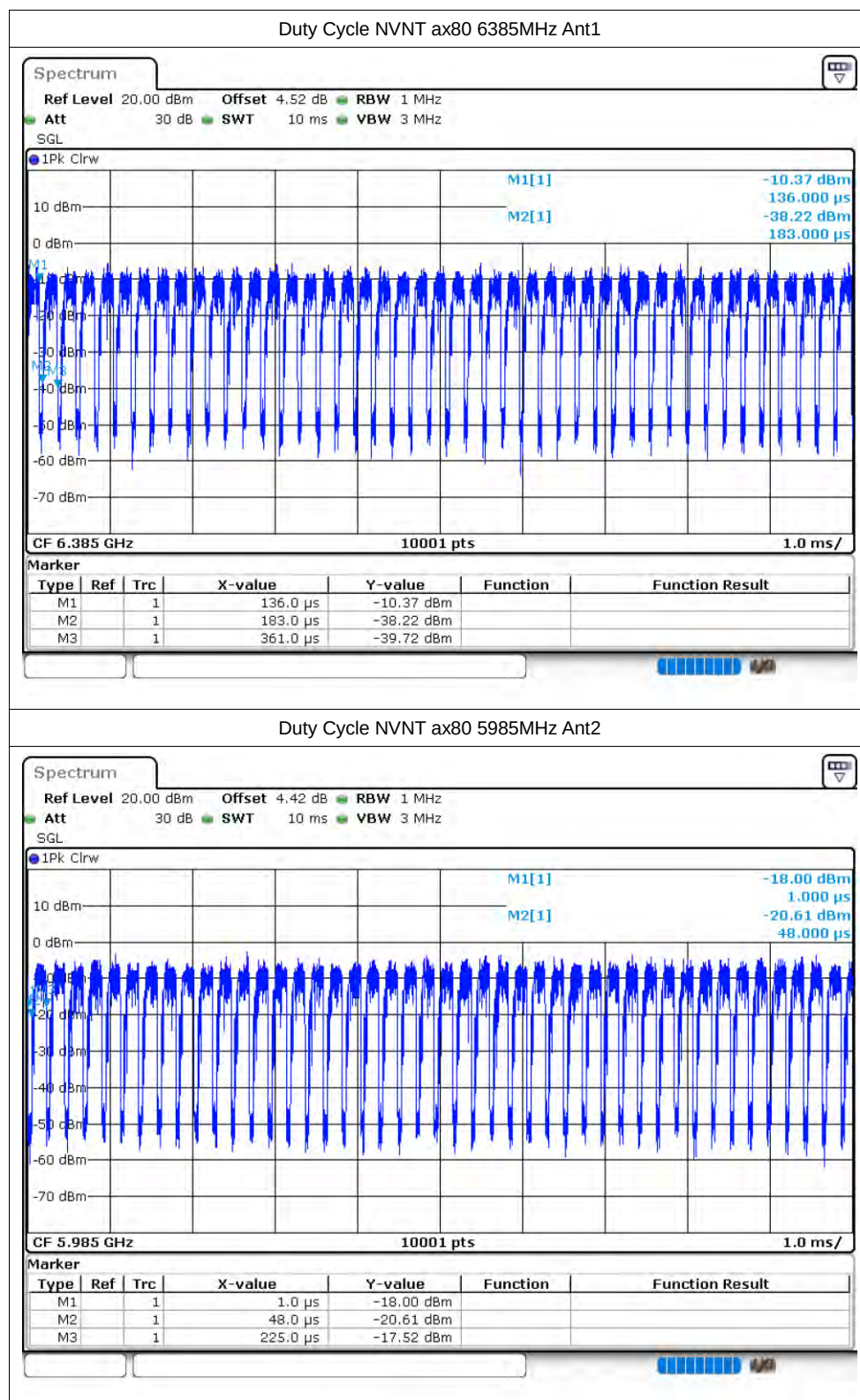


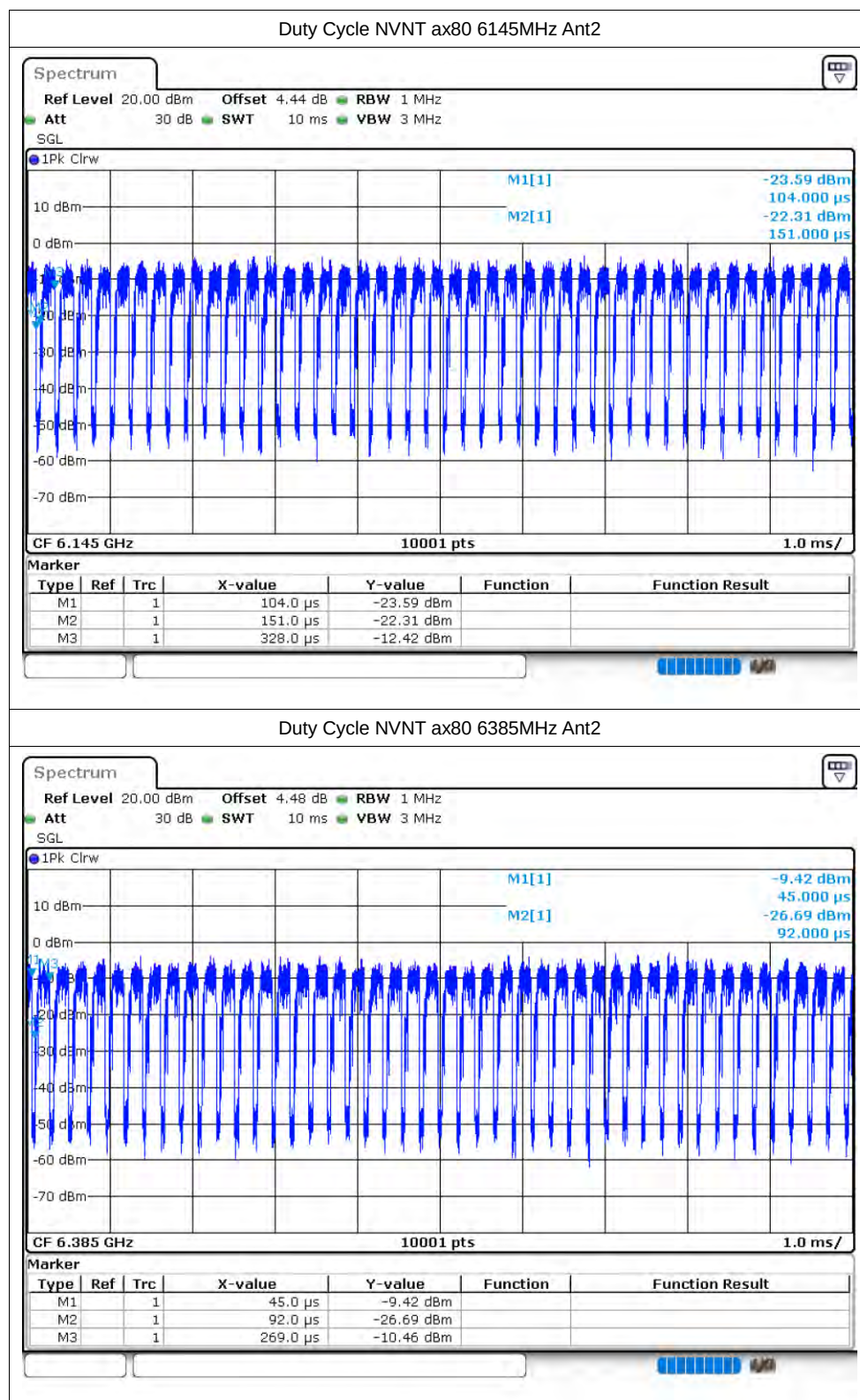












Maximum Conducted Output Power

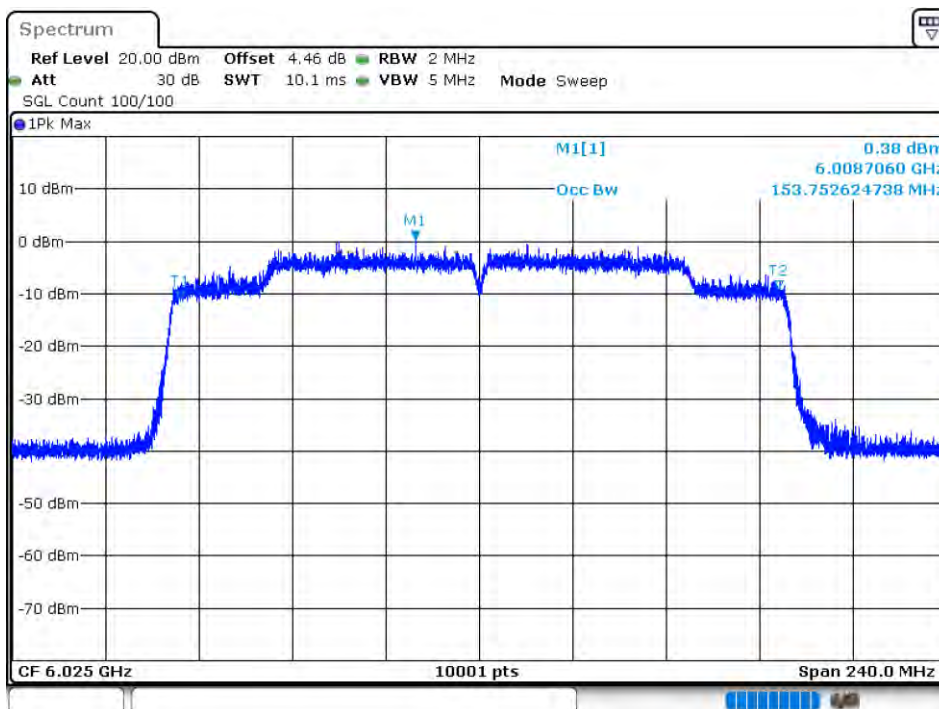
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax160	6025	Ant1	5.98	3.32	9.3	14	Pass
NVNT	ax160	6185	Ant1	6.17	3.32	9.49	14	Pass
NVNT	ax160	6345	Ant1	6	3.32	9.32	14	Pass
NVNT	ax160	6025	Ant2	8.96	3.32	12.28	14	Pass
NVNT	ax160	6185	Ant2	8.9	3.32	12.22	14	Pass
NVNT	ax160	6345	Ant2	8.97	3.32	12.29	14	Pass
NVNT	ax20	5955	Ant1	4.39	3.32	7.71	14	Pass
NVNT	ax20	6175	Ant1	4.3	3.32	7.62	14	Pass
NVNT	ax20	6415	Ant1	4.37	3.32	7.69	14	Pass
NVNT	ax20	5955	Ant2	5.75	3.32	9.07	14	Pass
NVNT	ax20	6175	Ant2	5.31	3.32	8.63	14	Pass
NVNT	ax20	6415	Ant2	5.59	3.32	8.91	14	Pass
NVNT	ax40	5965	Ant1	5.69	3.32	9.01	14	Pass
NVNT	ax40	6165	Ant1	5.62	3.32	8.94	14	Pass
NVNT	ax40	6405	Ant1	5.81	3.32	9.13	14	Pass
NVNT	ax40	5965	Ant2	8.76	3.32	12.08	14	Pass
NVNT	ax40	6165	Ant2	8.43	3.32	11.75	14	Pass
NVNT	ax40	6405	Ant2	8.54	3.32	11.86	14	Pass
NVNT	ax80	5985	Ant1	5.58	3.32	8.9	14	Pass
NVNT	ax80	6145	Ant1	5.47	3.32	8.79	14	Pass
NVNT	ax80	6385	Ant1	5.82	3.32	9.14	14	Pass
NVNT	ax80	5985	Ant2	8.79	3.32	12.11	14	Pass
NVNT	ax80	6145	Ant2	8.47	3.32	11.79	14	Pass
NVNT	ax80	6385	Ant2	8.78	3.32	12.1	14	Pass

Occupied Channel Bandwidth

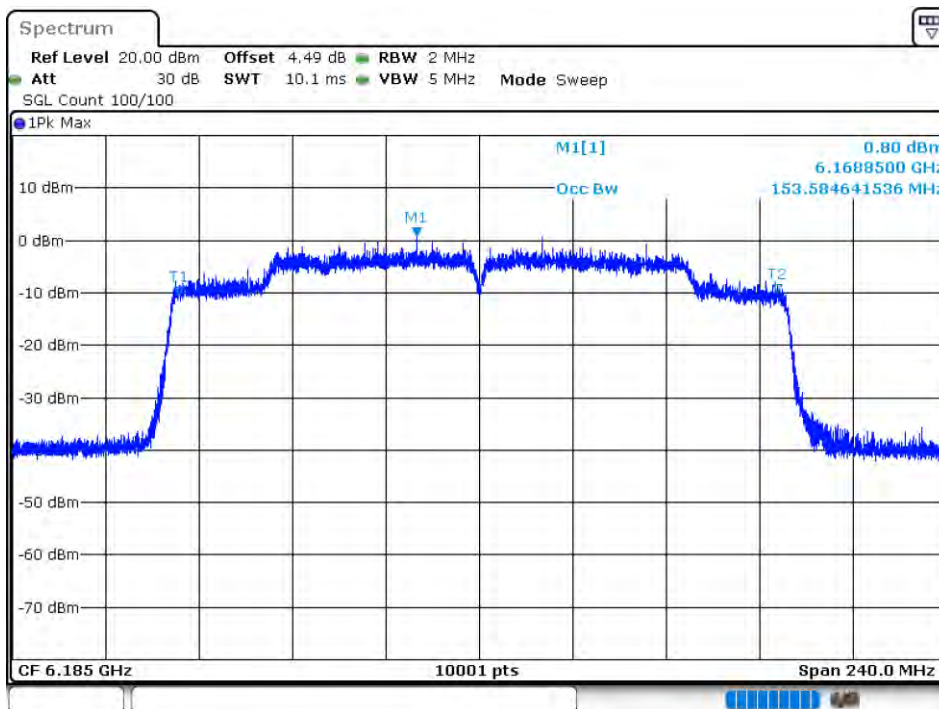
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax160	6025	Ant1	153.753
NVNT	ax160	6185	Ant1	153.585
NVNT	ax160	6345	Ant1	153.897
NVNT	ax160	6025	Ant2	153.561
NVNT	ax160	6185	Ant2	154.113
NVNT	ax160	6345	Ant2	154.353
NVNT	ax20	5955	Ant1	19.009
NVNT	ax20	6175	Ant1	18.976
NVNT	ax20	6415	Ant1	18.979
NVNT	ax20	5955	Ant2	18.976
NVNT	ax20	6175	Ant2	18.976
NVNT	ax20	6415	Ant2	19
NVNT	ax40	5965	Ant1	37.802
NVNT	ax40	6165	Ant1	37.772
NVNT	ax40	6405	Ant1	37.844
NVNT	ax40	5965	Ant2	37.82
NVNT	ax40	6165	Ant2	37.82
NVNT	ax40	6405	Ant2	37.802
NVNT	ax80	5985	Ant1	76.552
NVNT	ax80	6145	Ant1	76.456
NVNT	ax80	6385	Ant1	76.768
NVNT	ax80	5985	Ant2	76.624
NVNT	ax80	6145	Ant2	76.54
NVNT	ax80	6385	Ant2	76.504

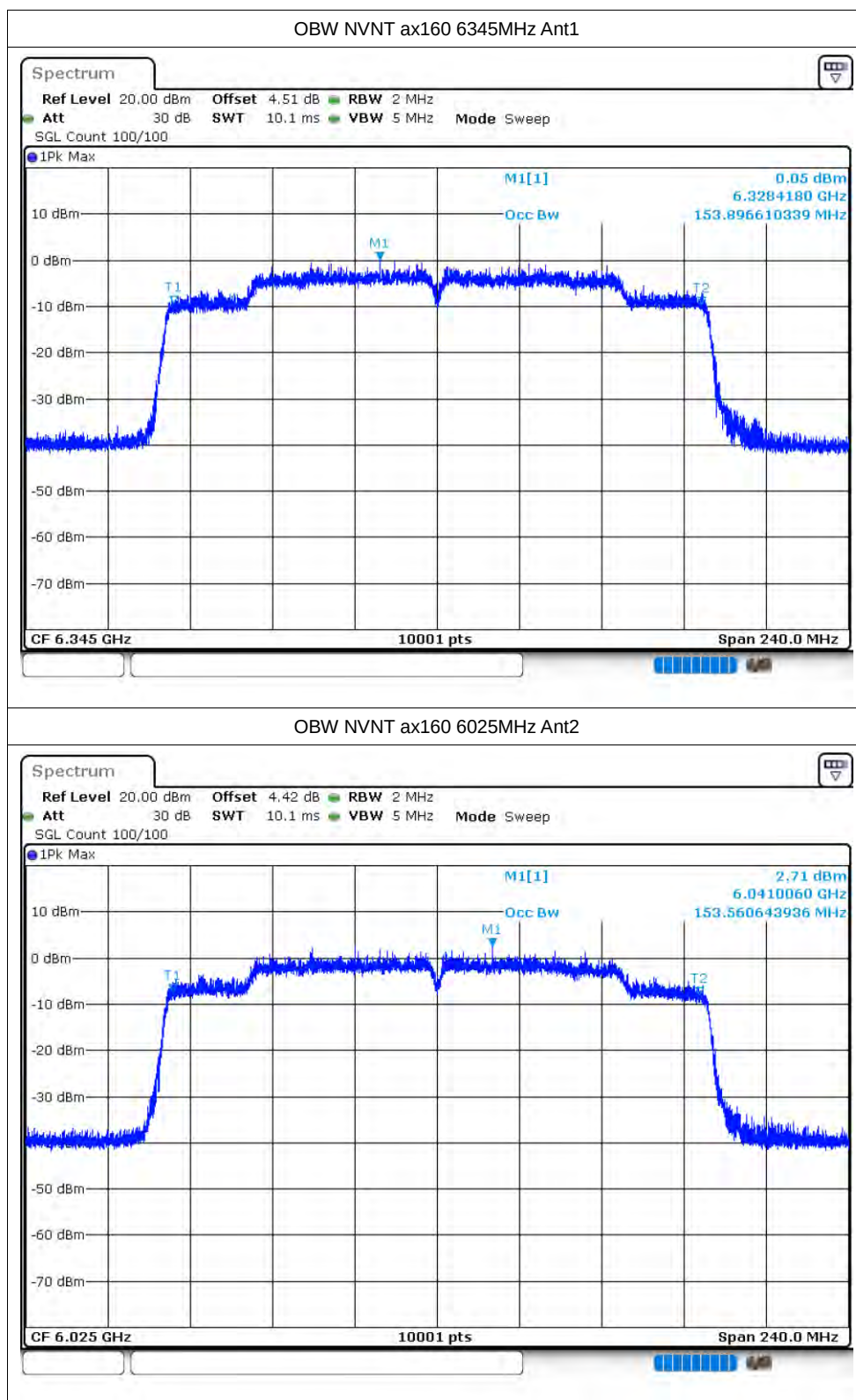
Test Graphs

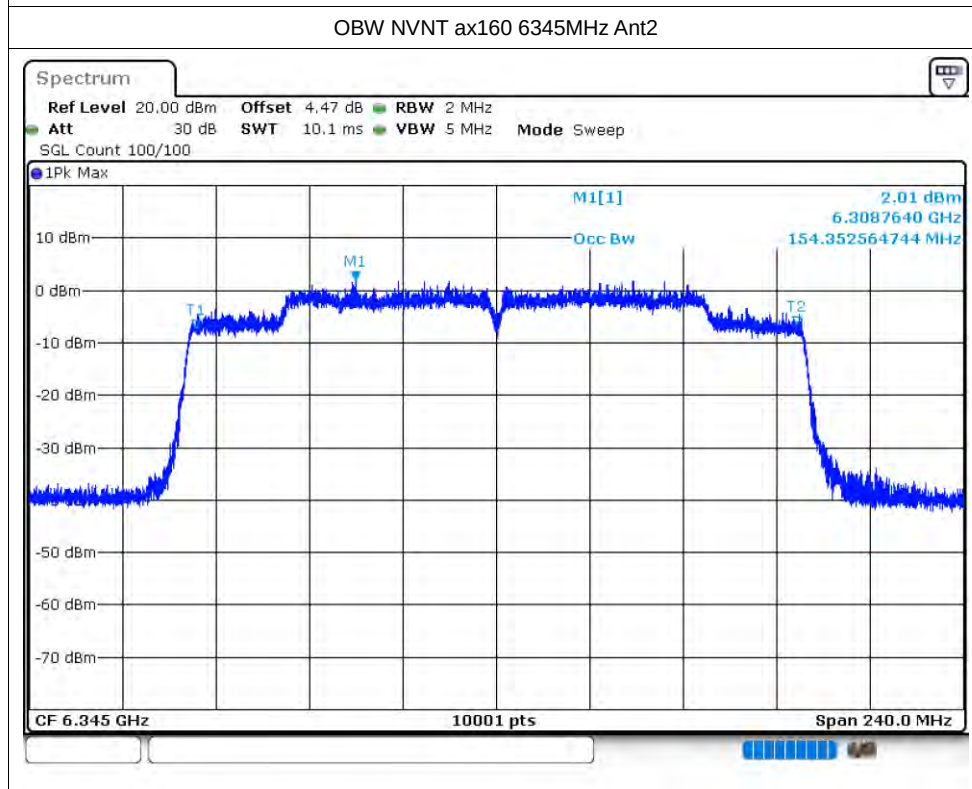
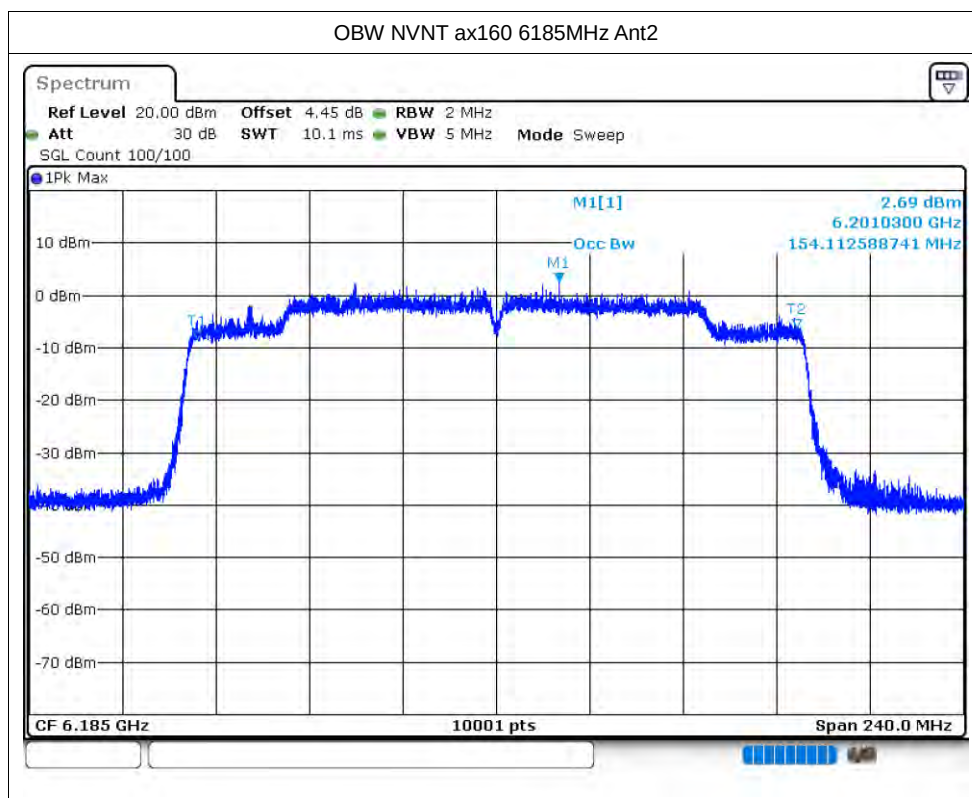
OBW NVNT ax160 6025MHz Ant1

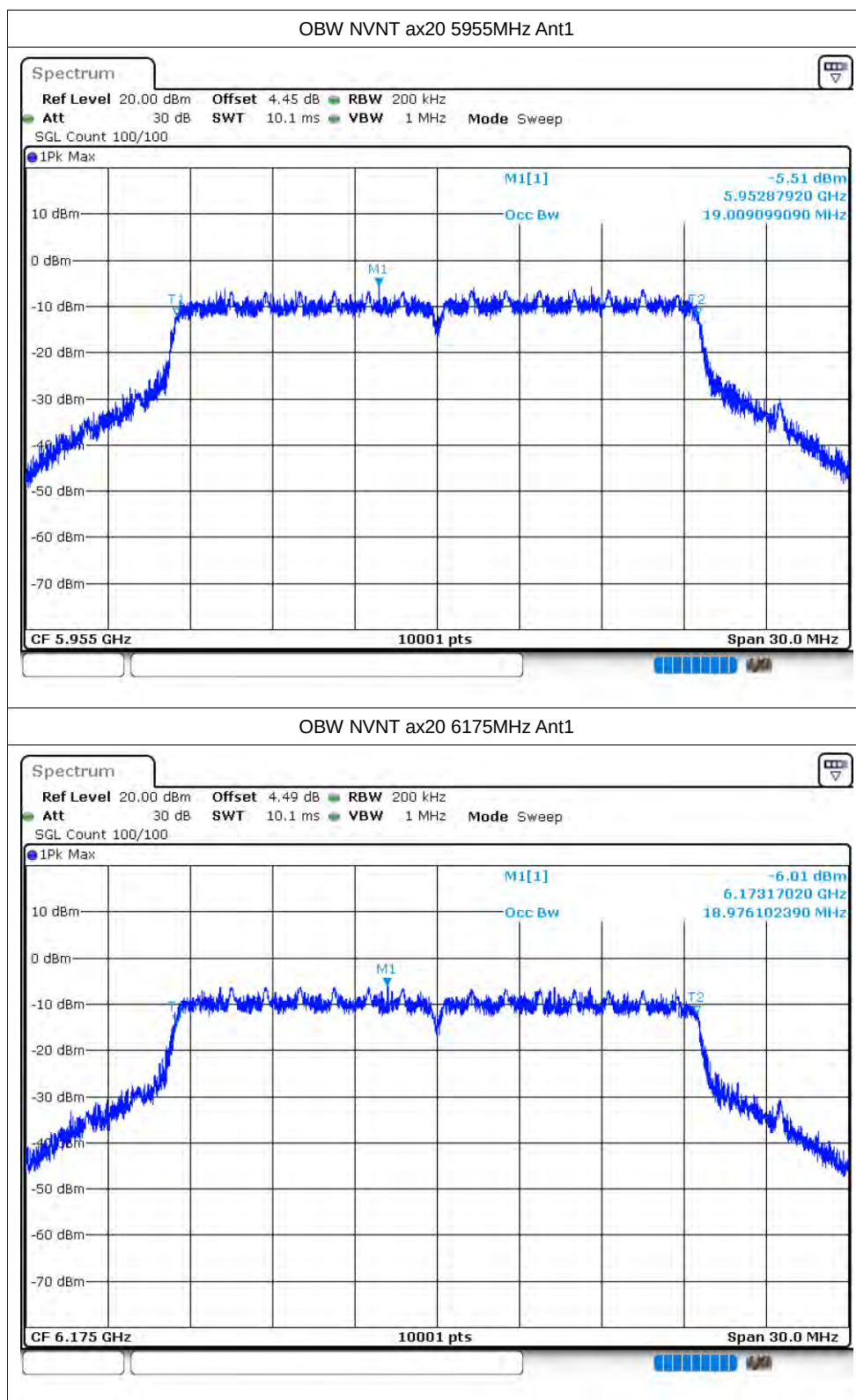


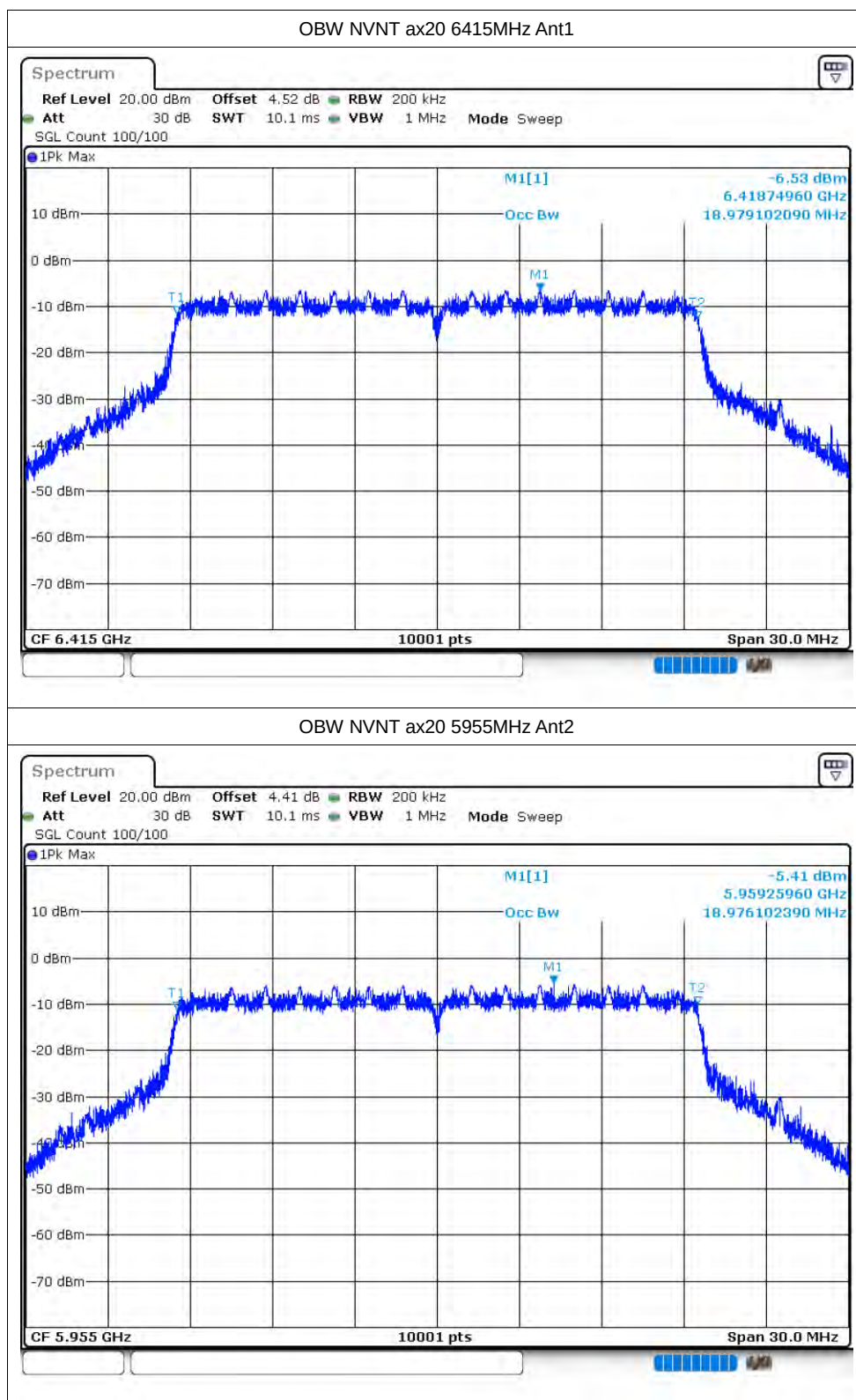
OBW NVNT ax160 6185MHz Ant1

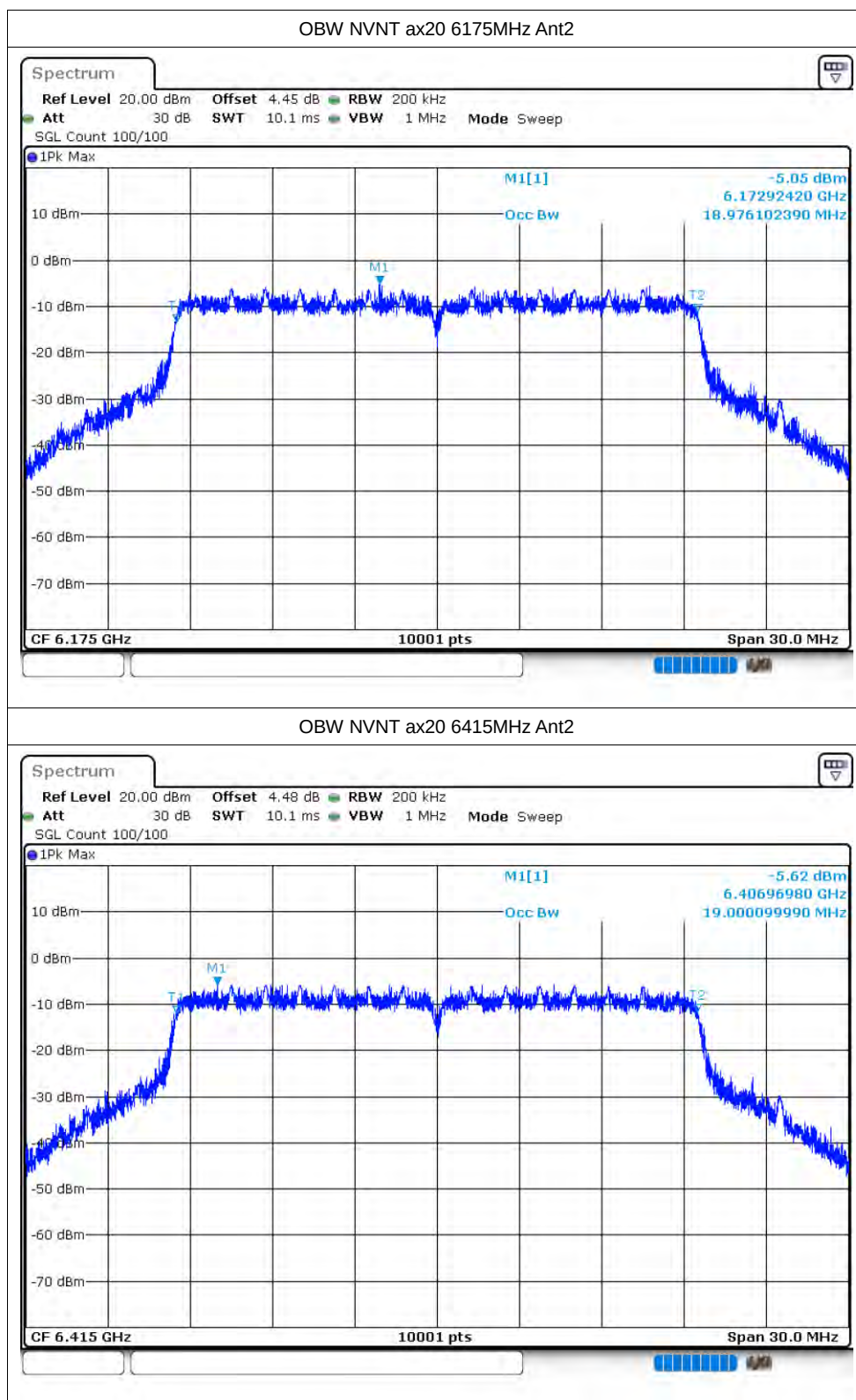


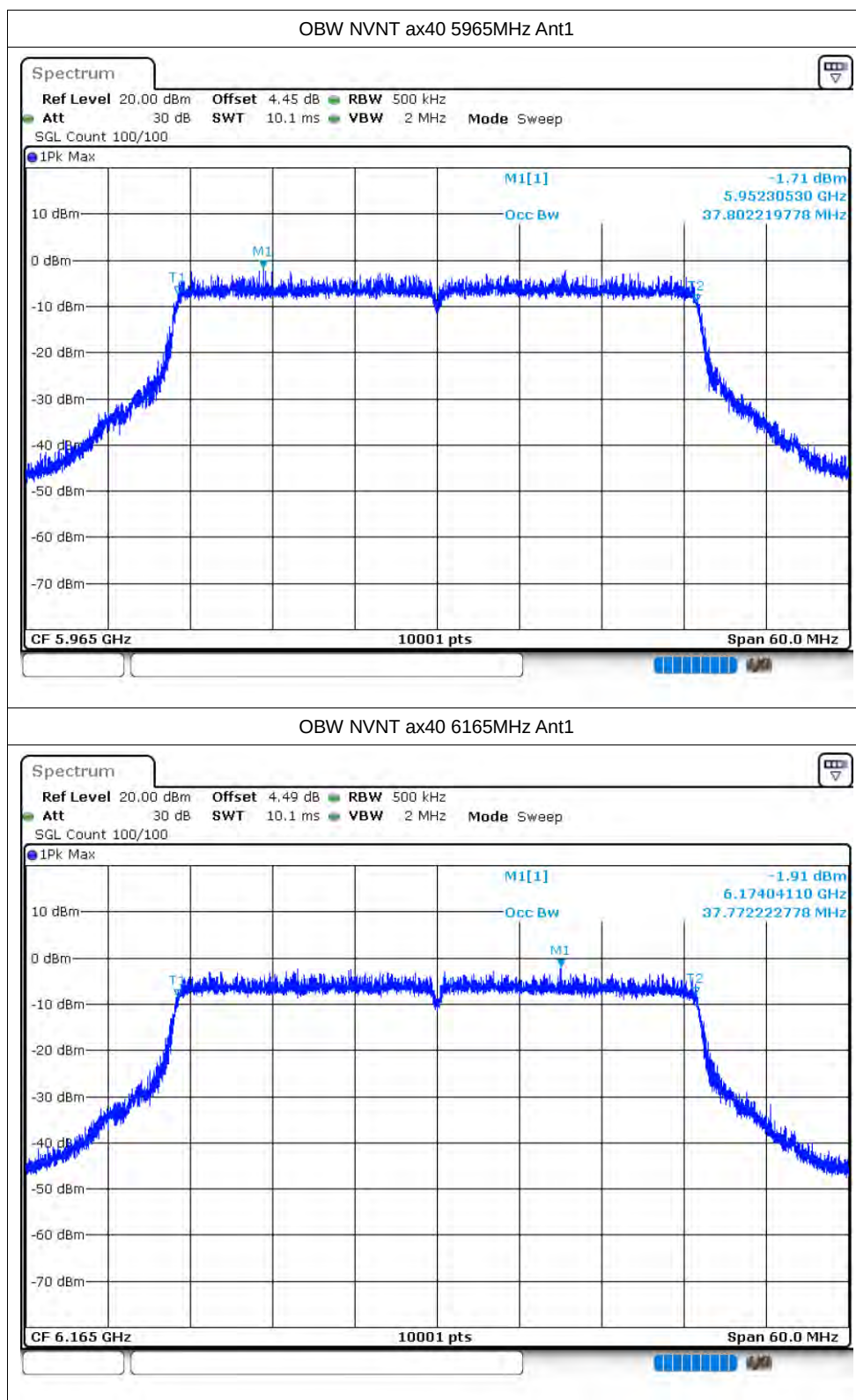


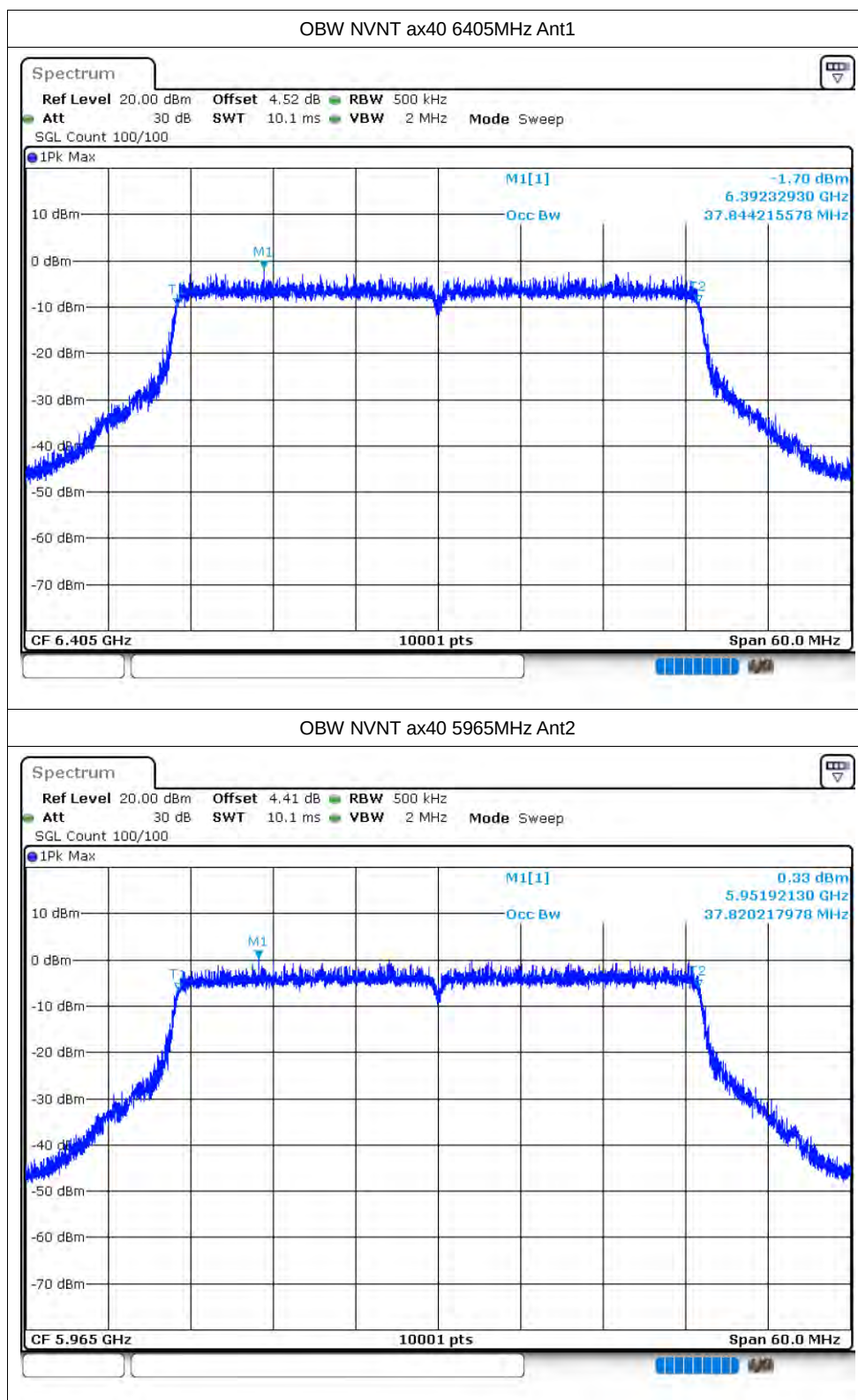


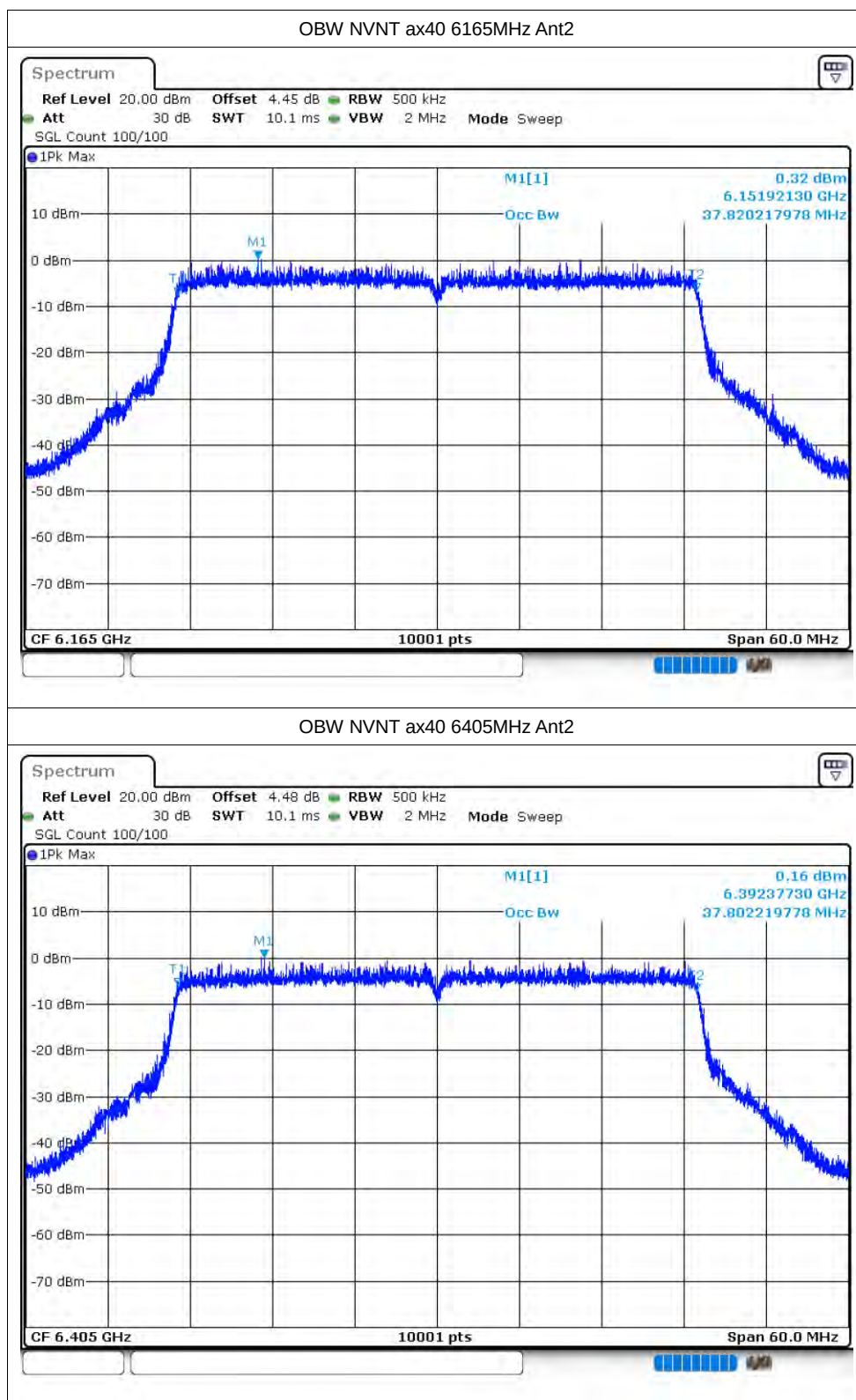


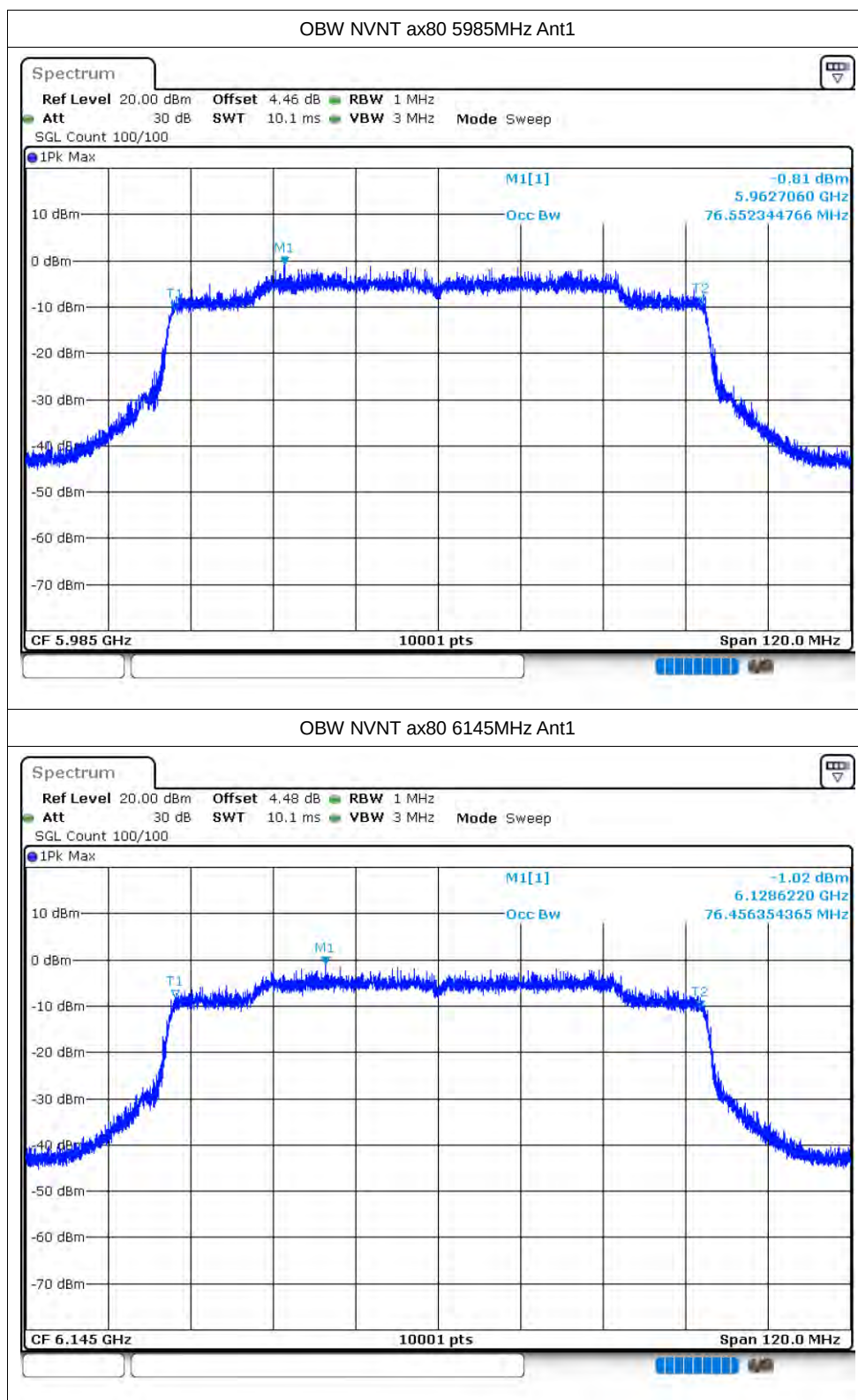


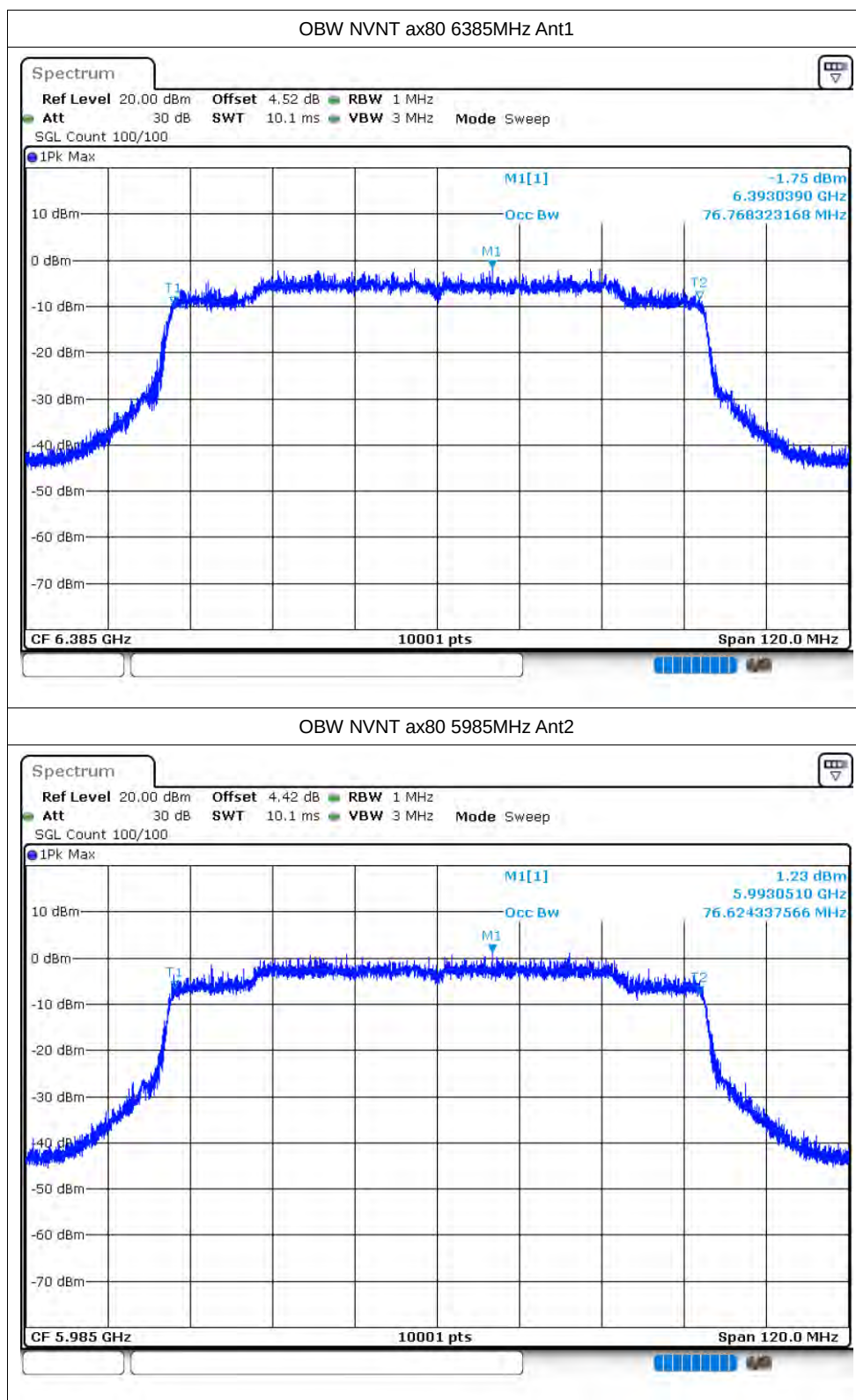


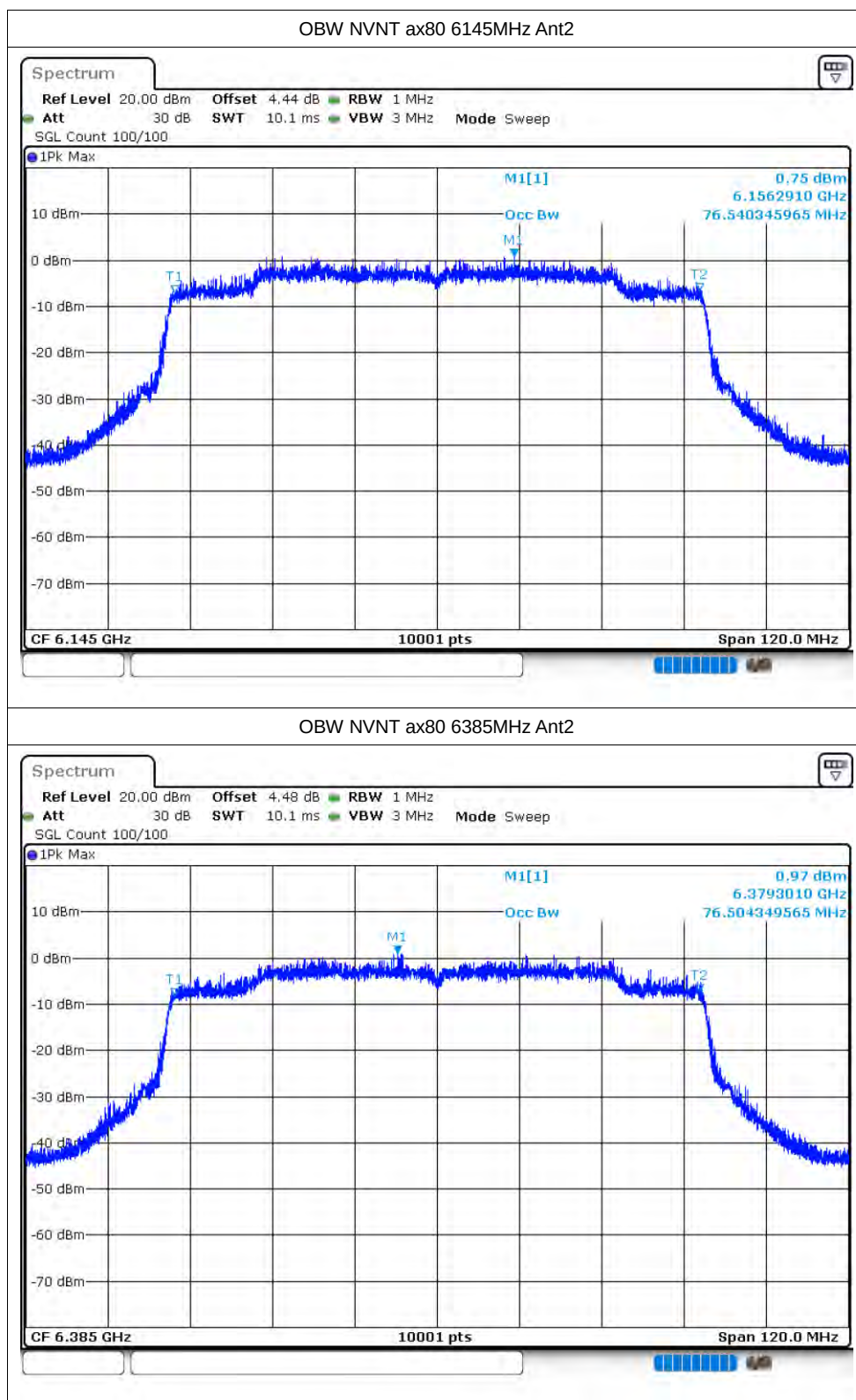










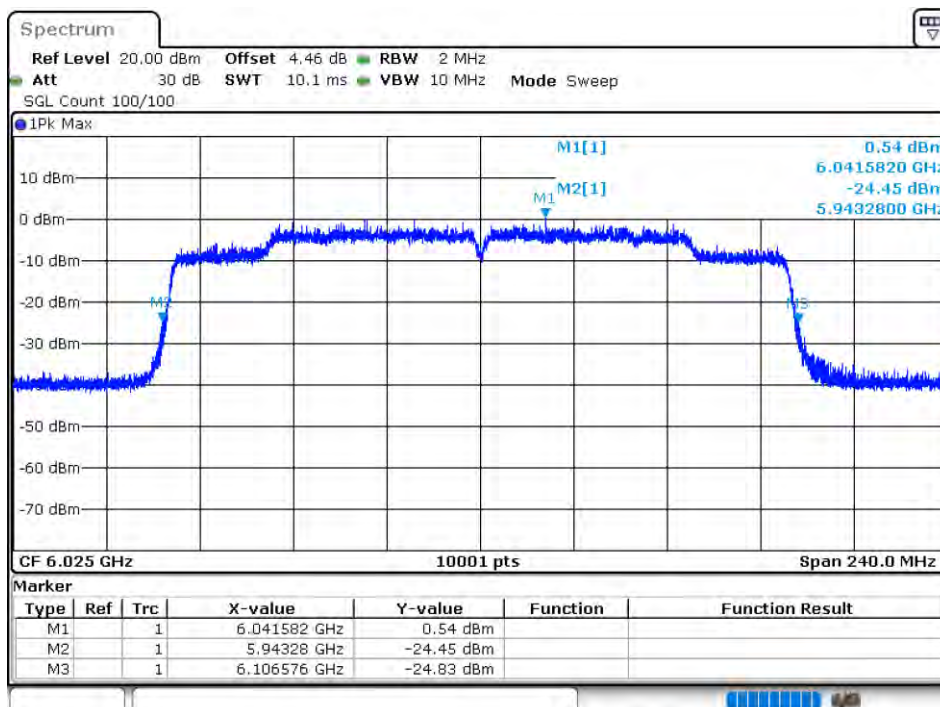


-26dB Bandwidth

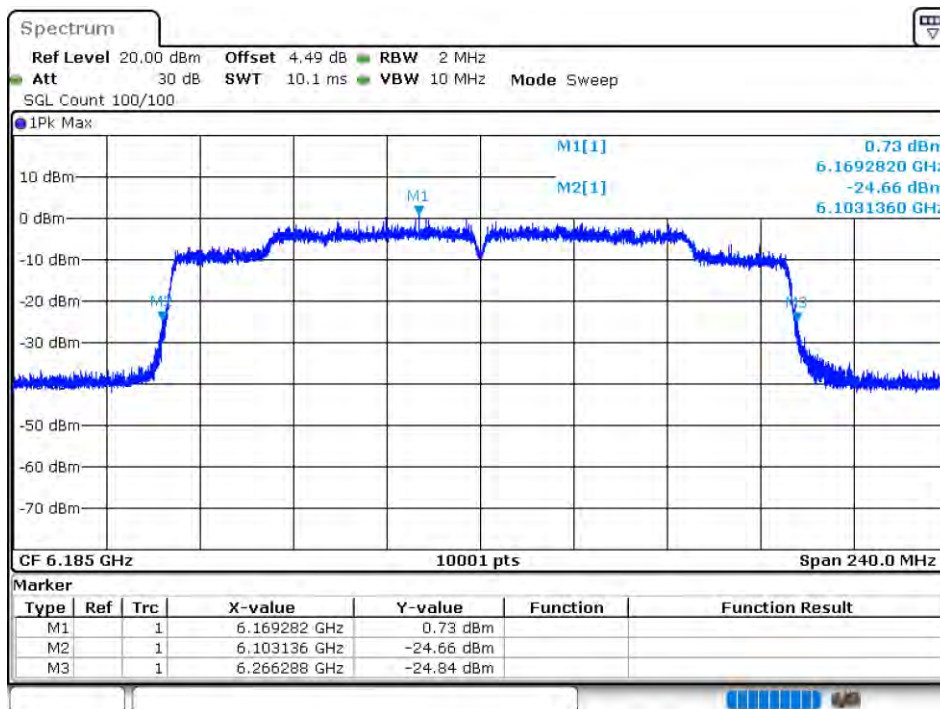
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	ax160	6025	Ant1	163.296	0.5	Pass
NVNT	ax160	6185	Ant1	163.152	0.5	Pass
NVNT	ax160	6345	Ant1	163.536	0.5	Pass
NVNT	ax160	6025	Ant2	163.632	0.5	Pass
NVNT	ax160	6185	Ant2	163.32	0.5	Pass
NVNT	ax160	6345	Ant2	163.56	0.5	Pass
NVNT	ax20	5955	Ant1	24.21	0.5	Pass
NVNT	ax20	6175	Ant1	24.807	0.5	Pass
NVNT	ax20	6415	Ant1	24.651	0.5	Pass
NVNT	ax20	5955	Ant2	24.663	0.5	Pass
NVNT	ax20	6175	Ant2	25.266	0.5	Pass
NVNT	ax20	6415	Ant2	24.57	0.5	Pass
NVNT	ax40	5965	Ant1	43.254	0.5	Pass
NVNT	ax40	6165	Ant1	42.666	0.5	Pass
NVNT	ax40	6405	Ant1	44.19	0.5	Pass
NVNT	ax40	5965	Ant2	42.882	0.5	Pass
NVNT	ax40	6165	Ant2	43.224	0.5	Pass
NVNT	ax40	6405	Ant2	42.672	0.5	Pass
NVNT	ax80	5985	Ant1	85.224	0.5	Pass
NVNT	ax80	6145	Ant1	83.424	0.5	Pass
NVNT	ax80	6385	Ant1	82.632	0.5	Pass
NVNT	ax80	5985	Ant2	83.028	0.5	Pass
NVNT	ax80	6145	Ant2	82.332	0.5	Pass
NVNT	ax80	6385	Ant2	82.572	0.5	Pass

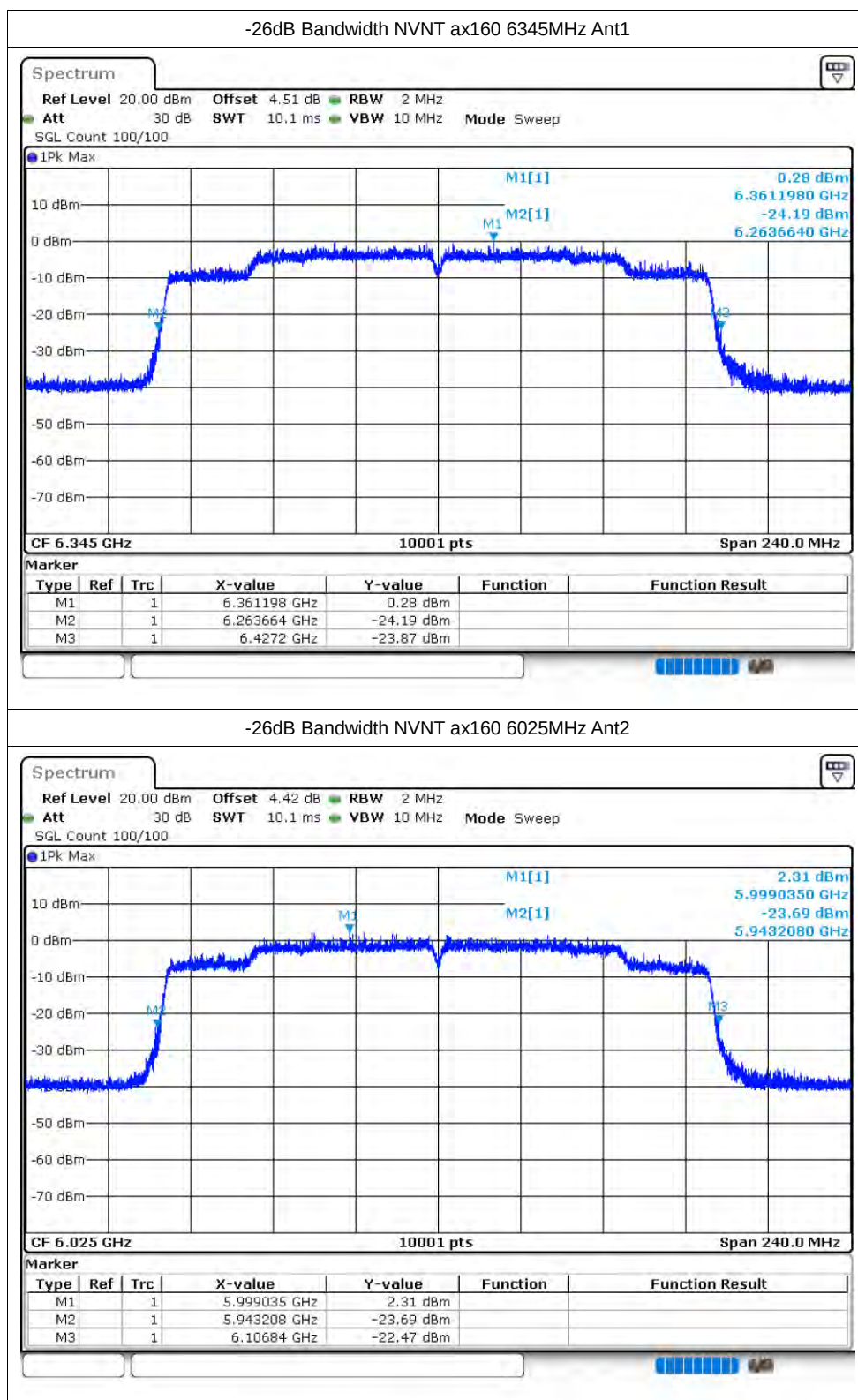
Test Graphs

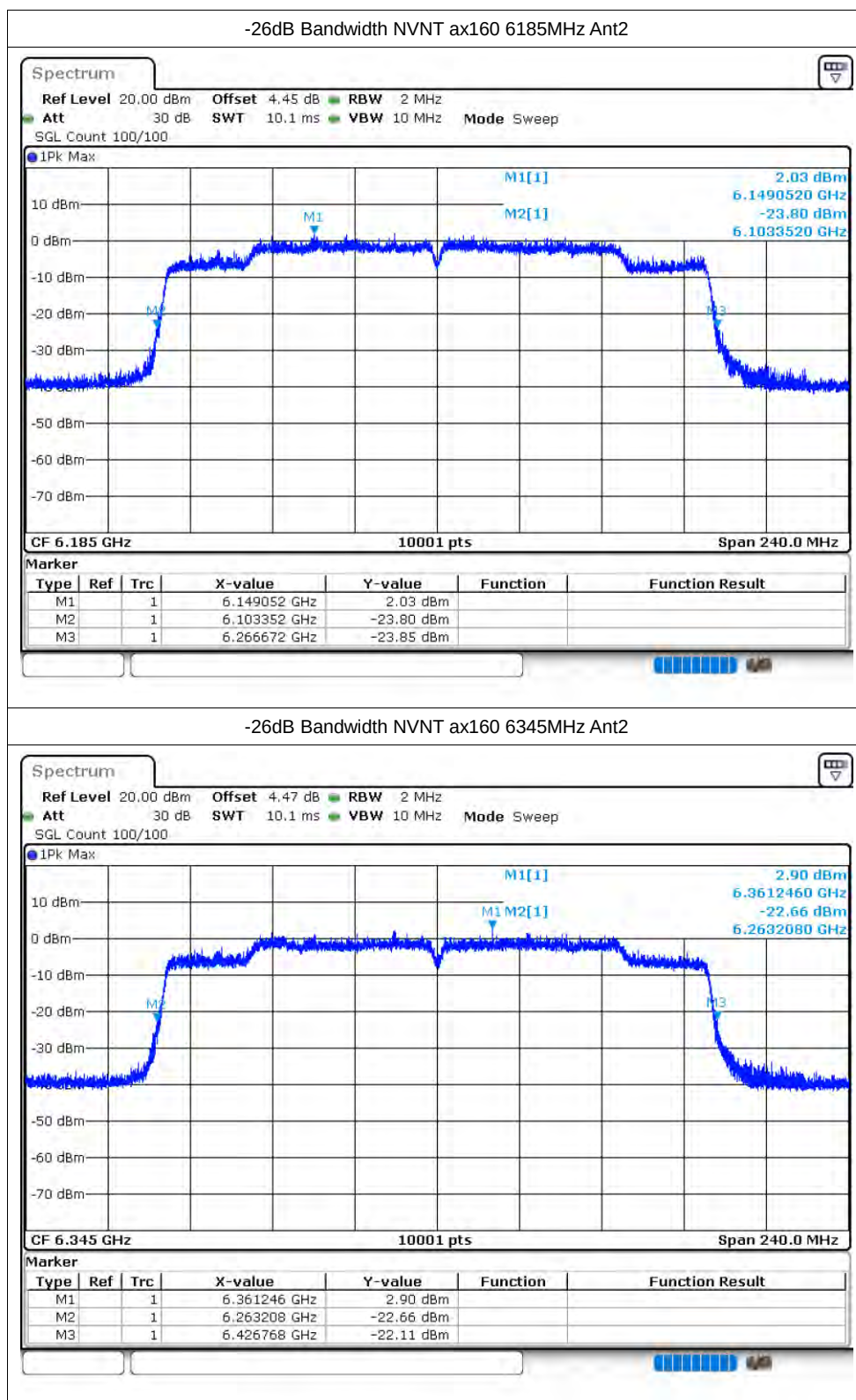
-26dB Bandwidth NVNT ax160 6025MHz Ant1

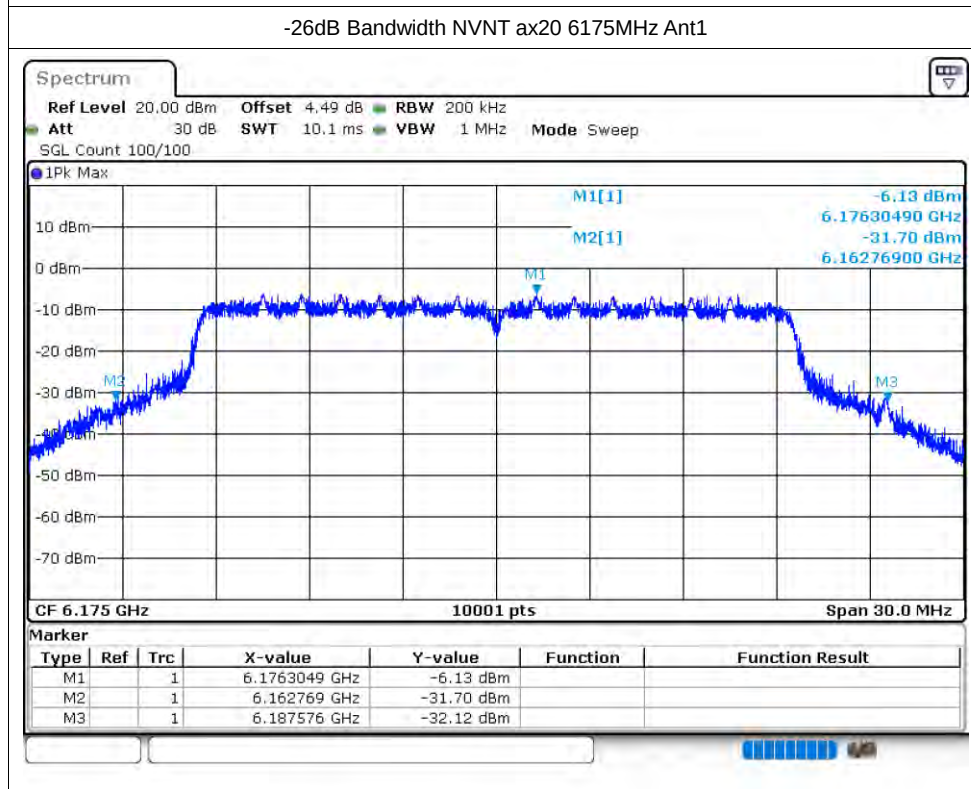
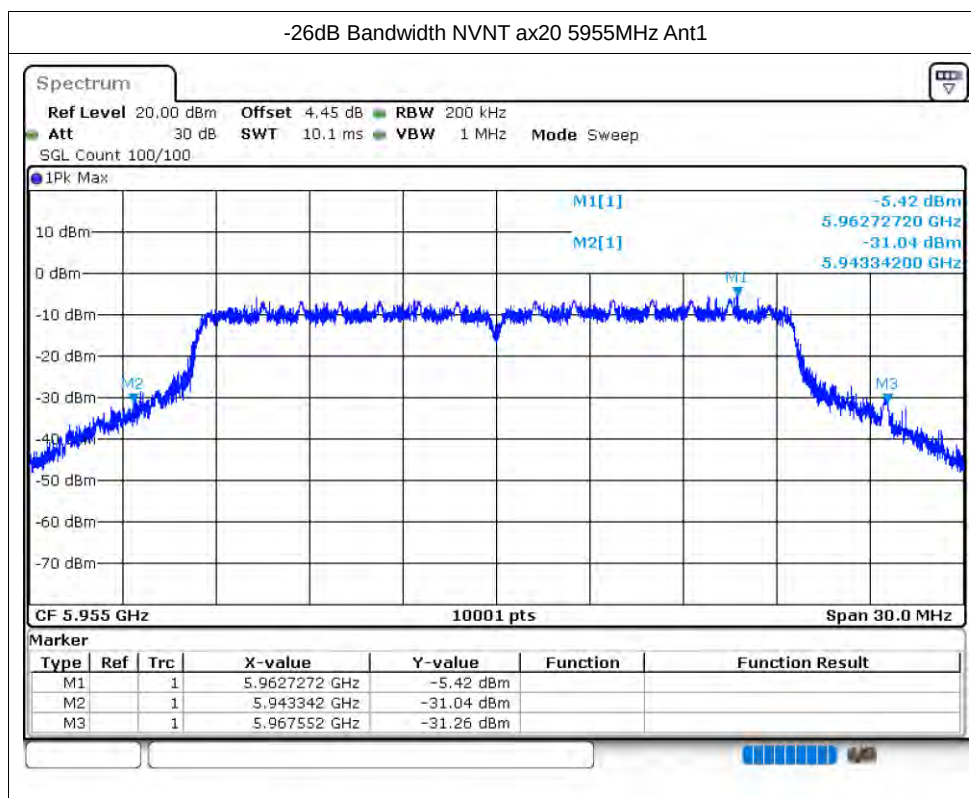


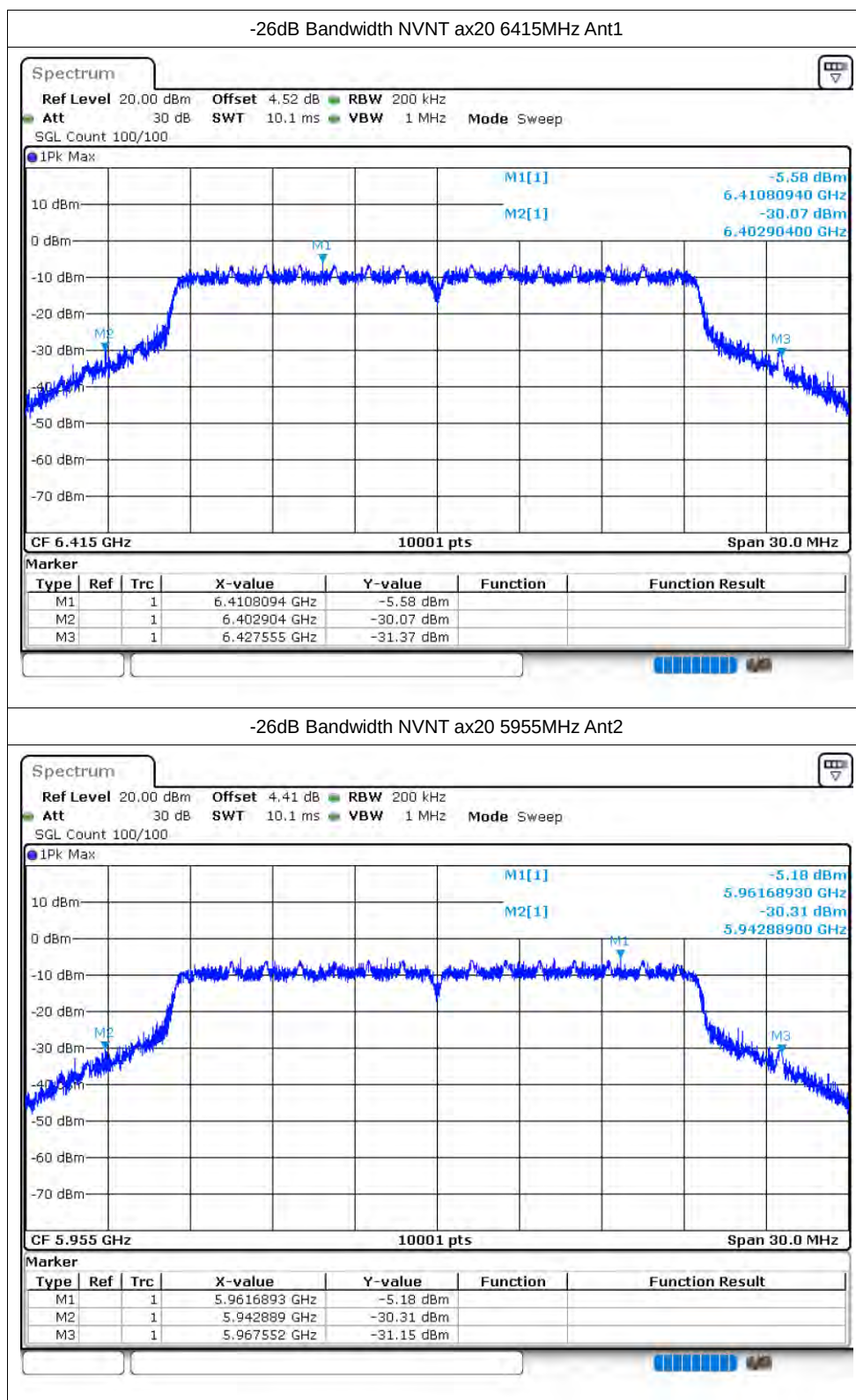
-26dB Bandwidth NVNT ax160 6185MHz Ant1

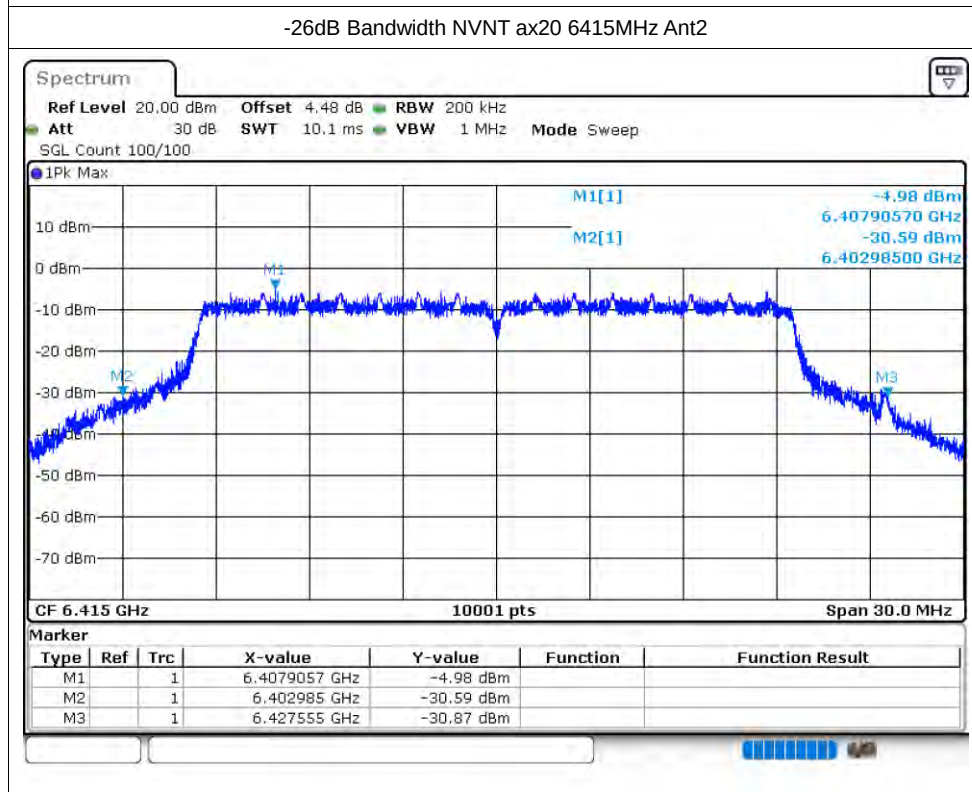
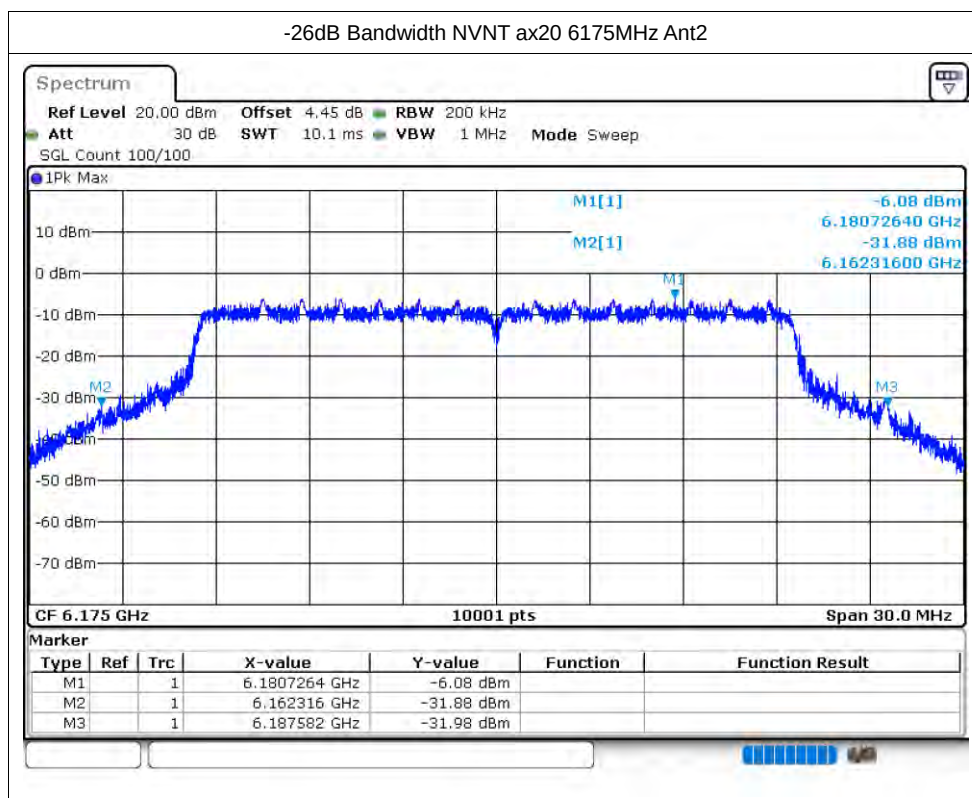


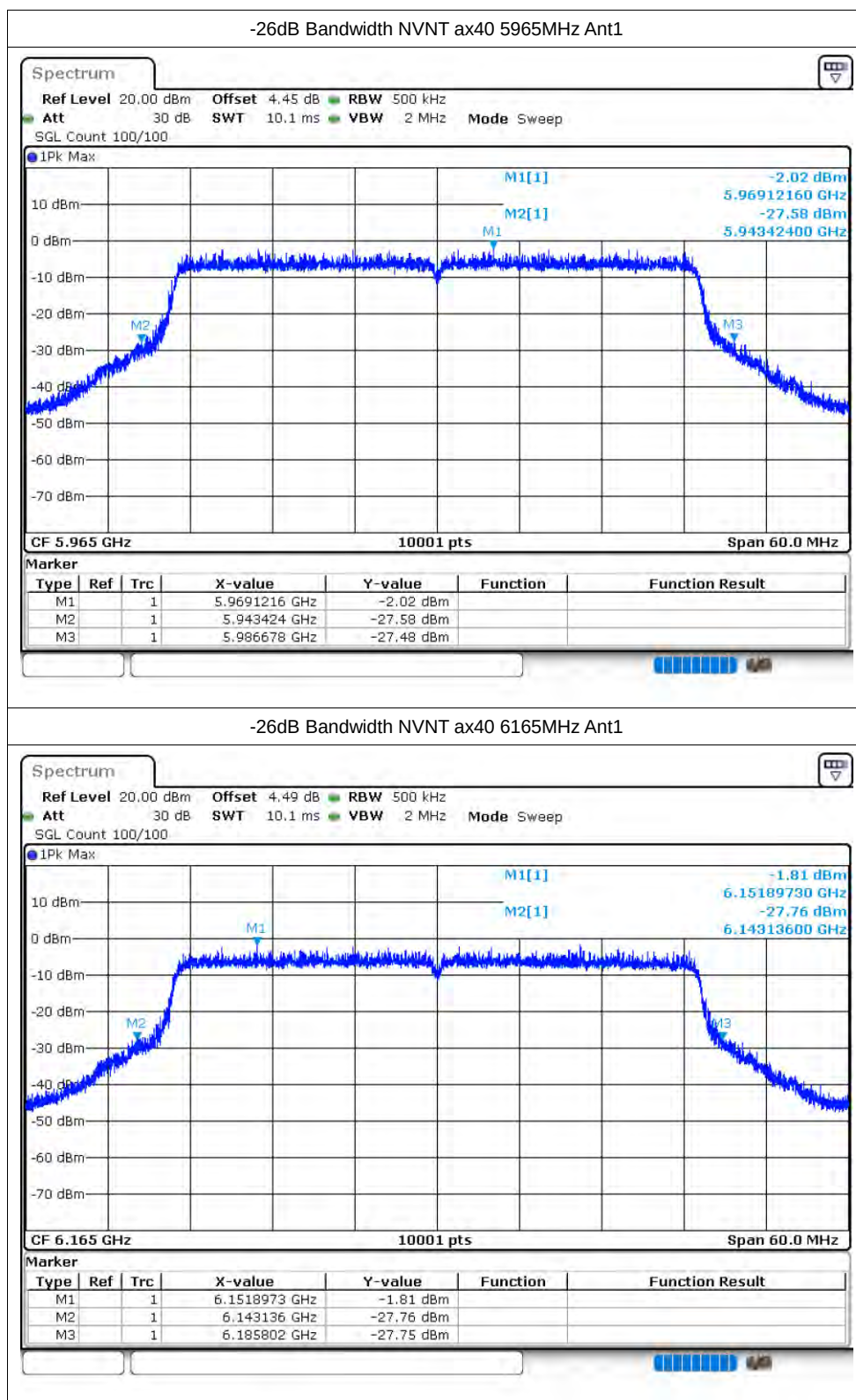


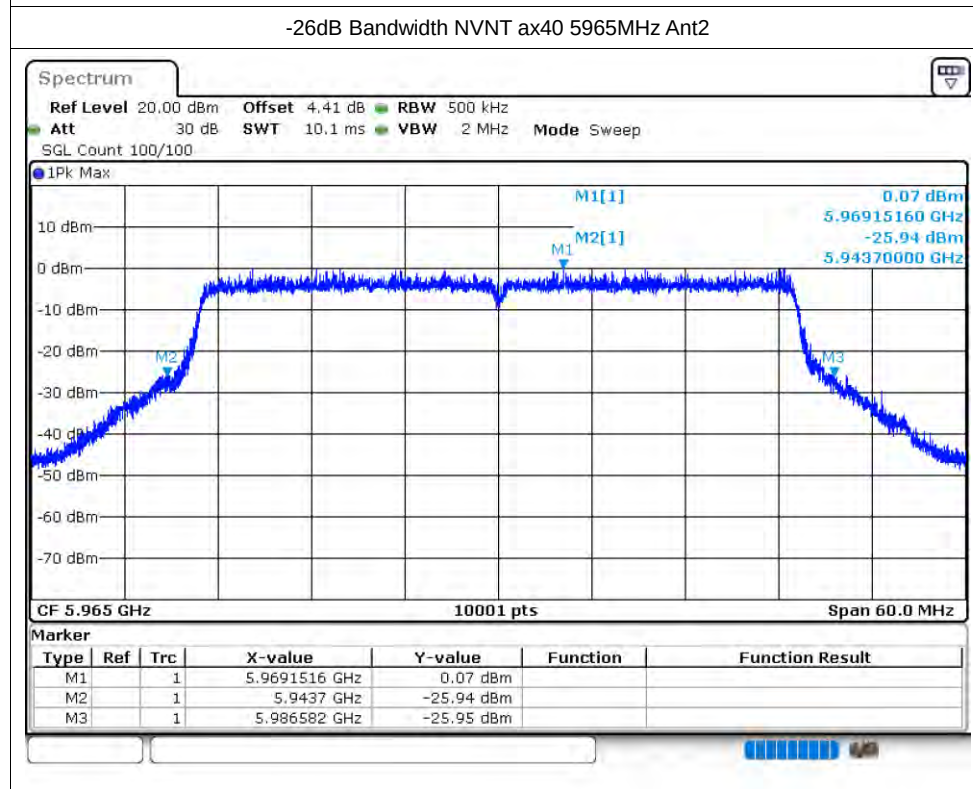
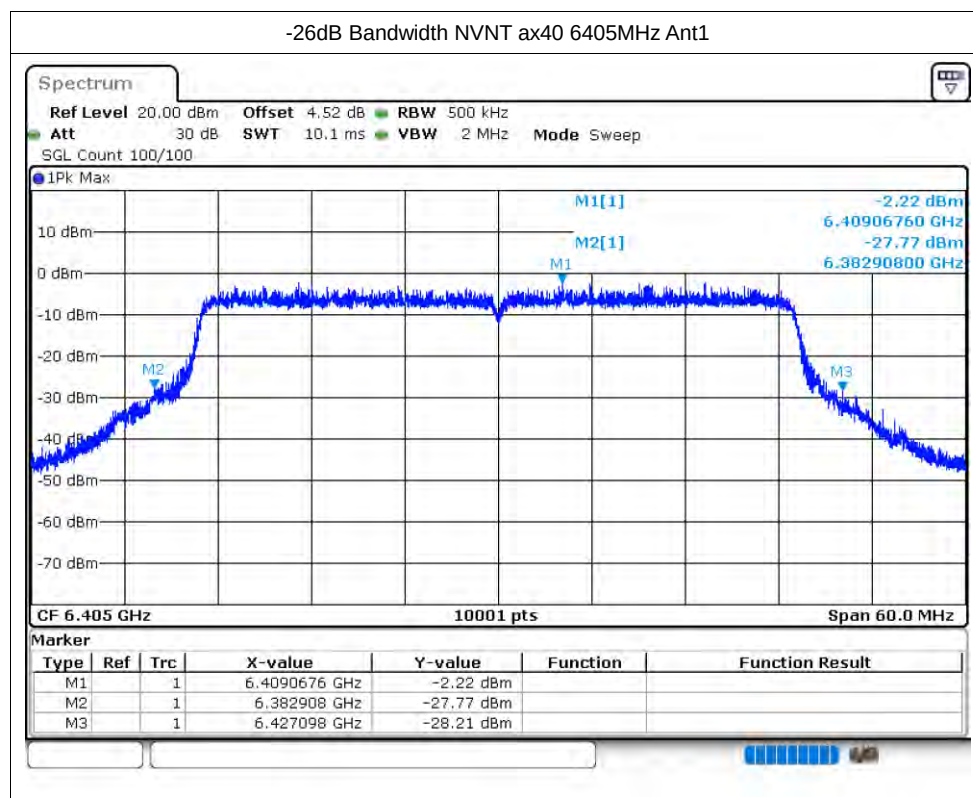


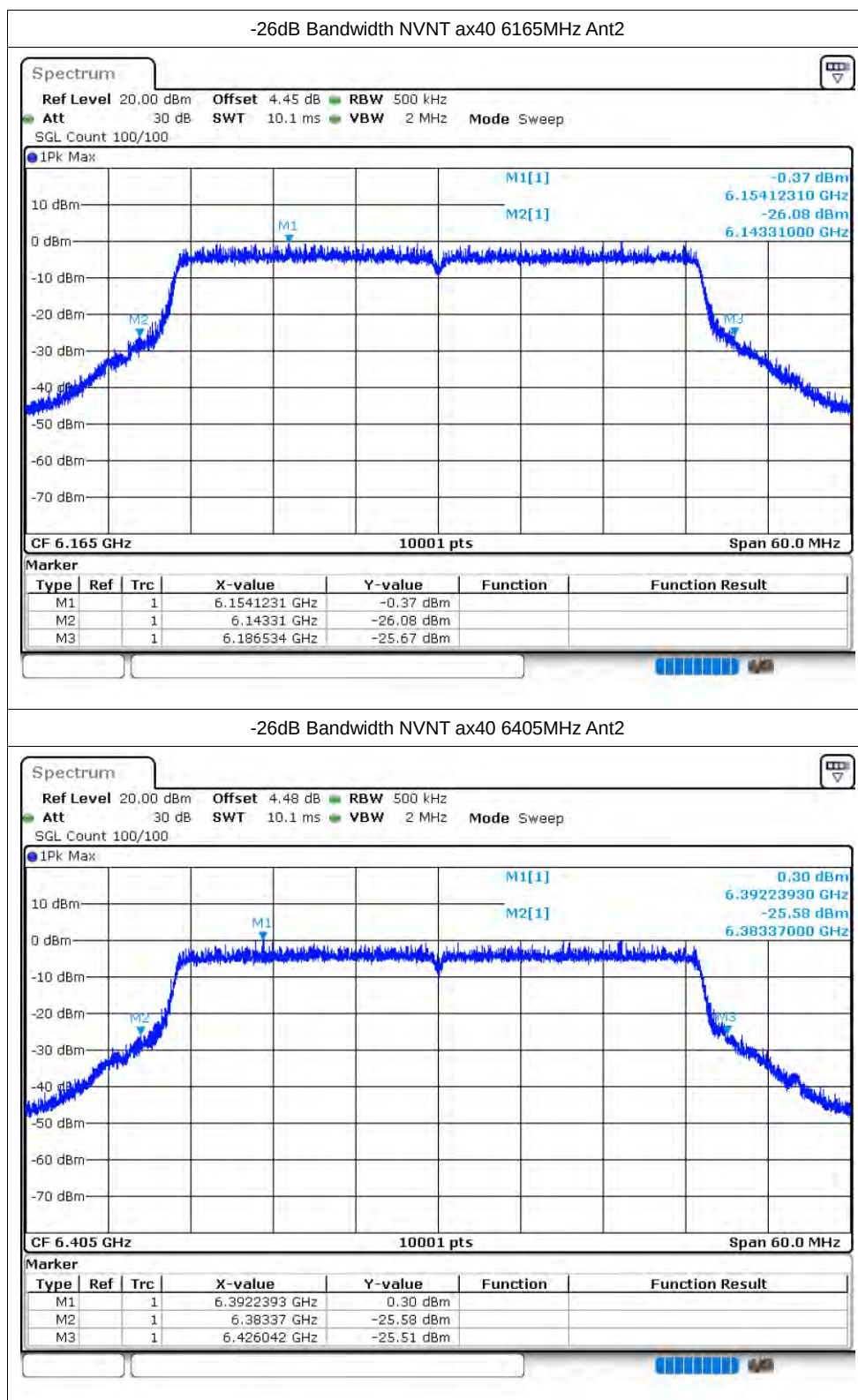


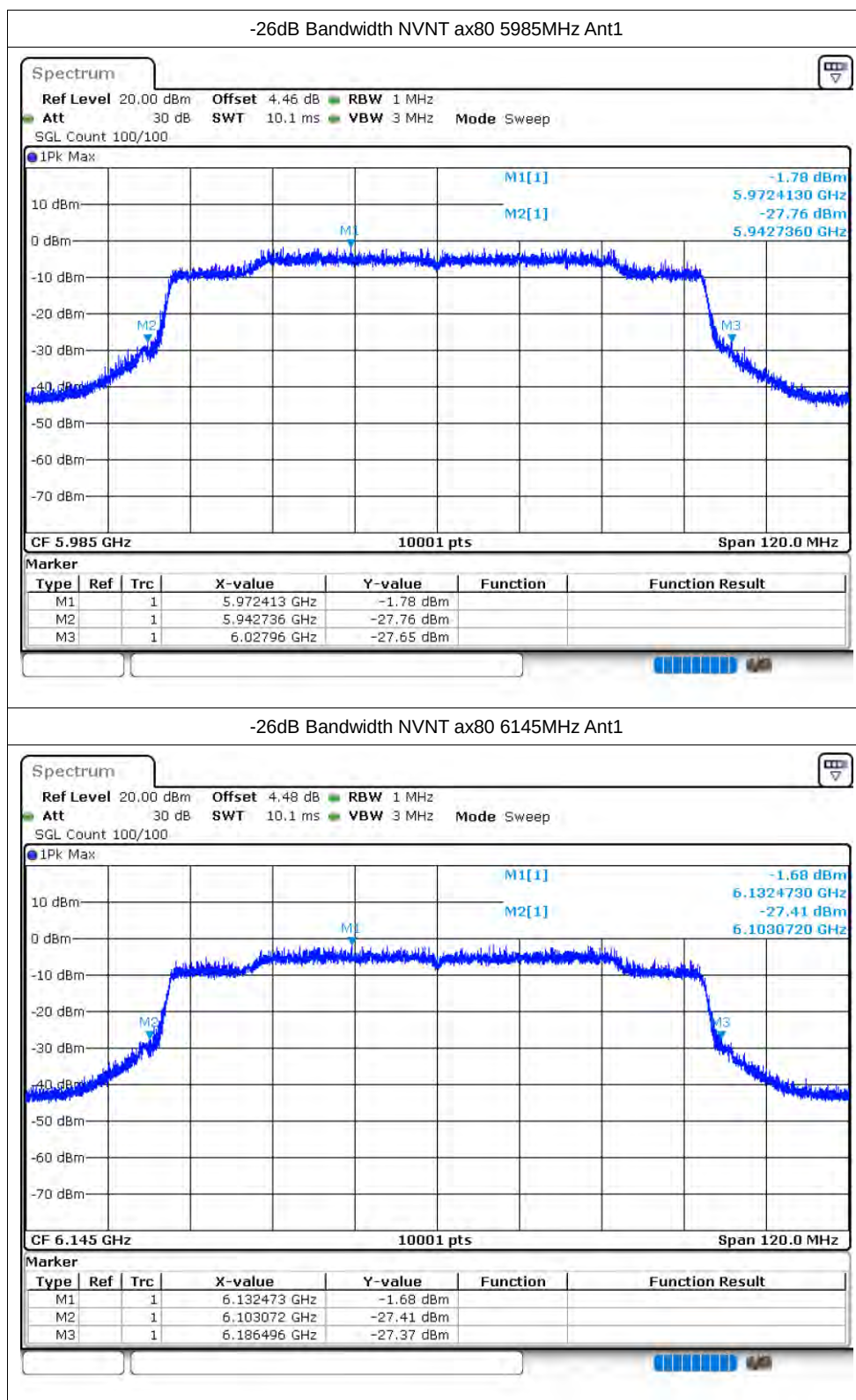


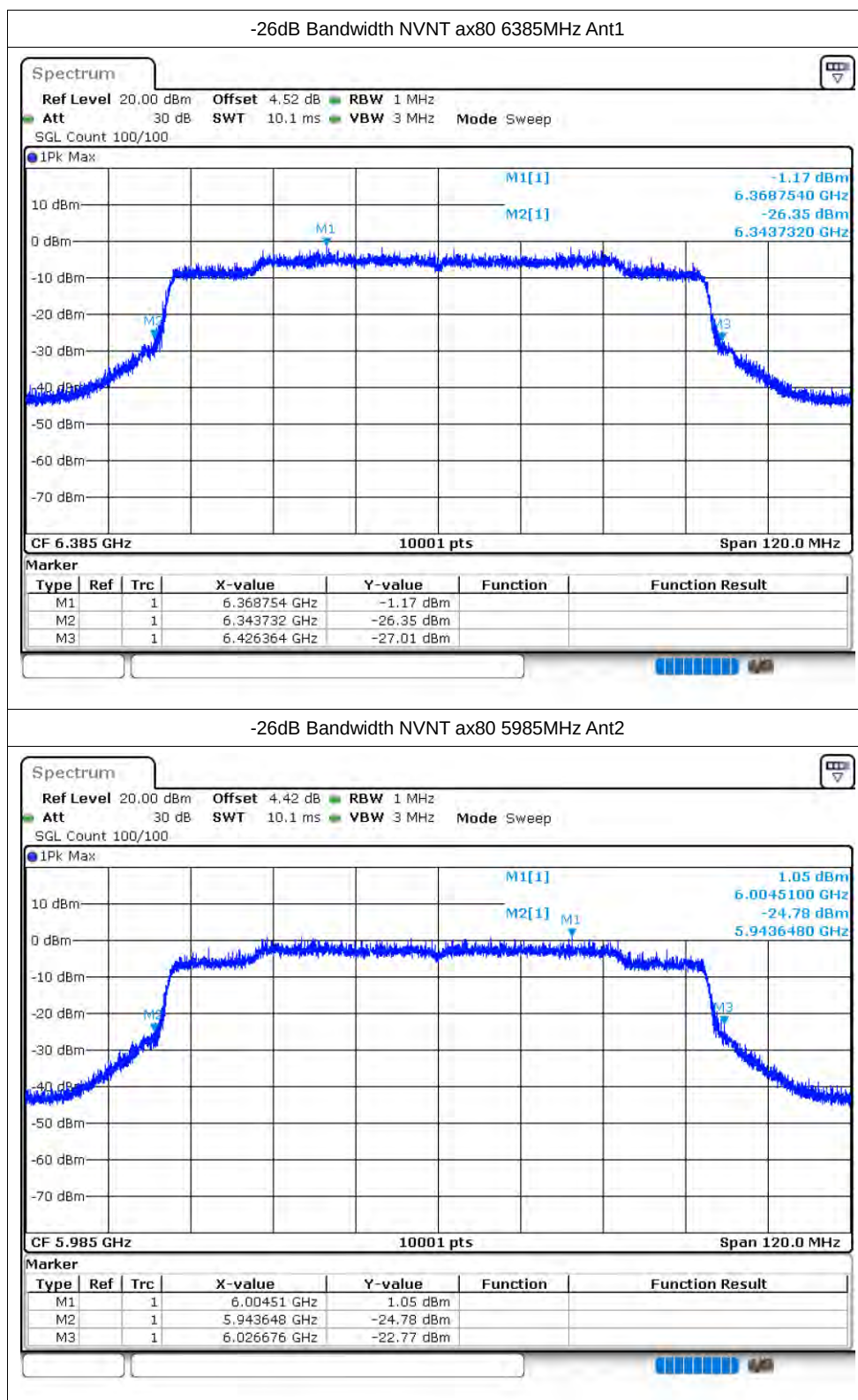


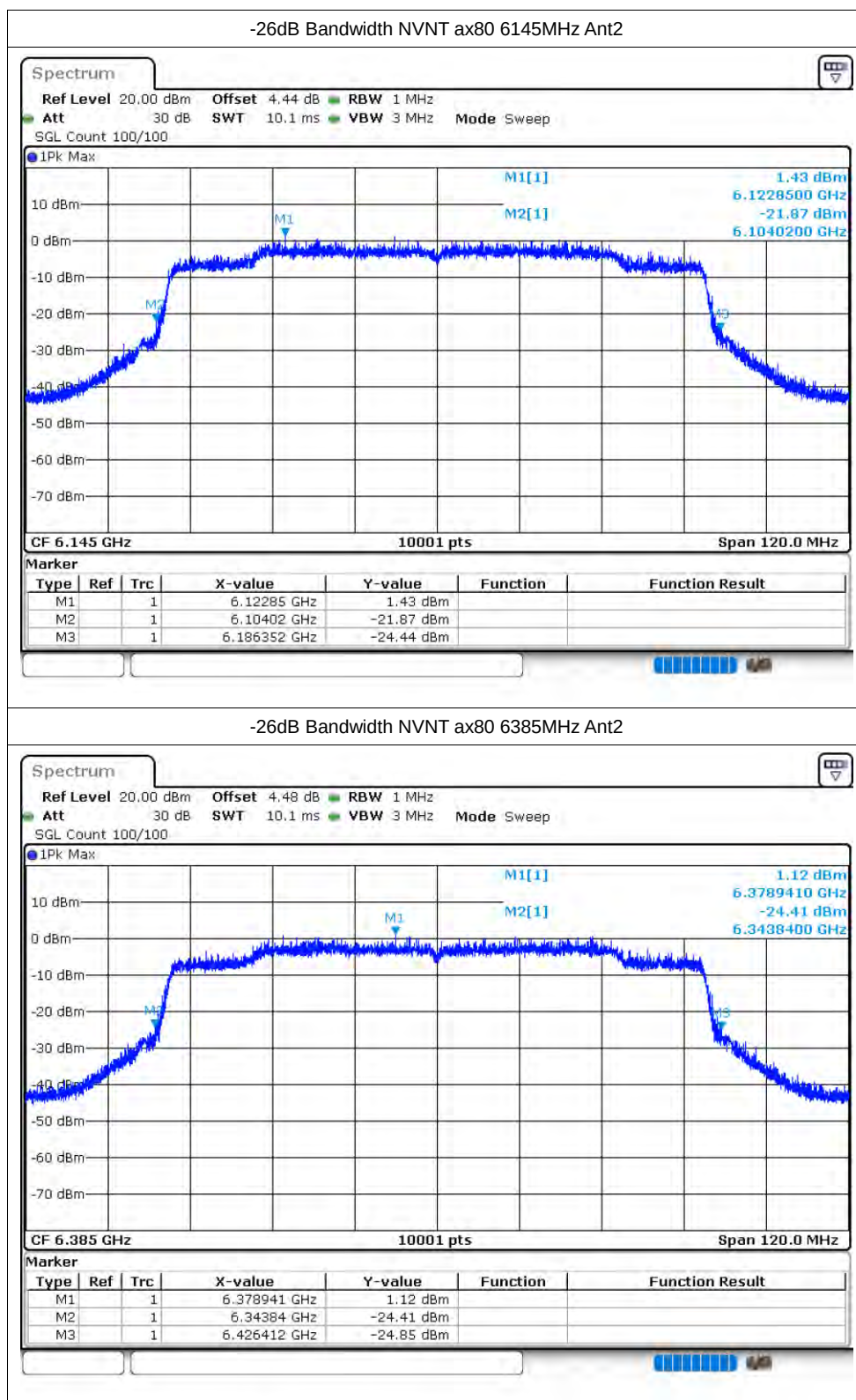










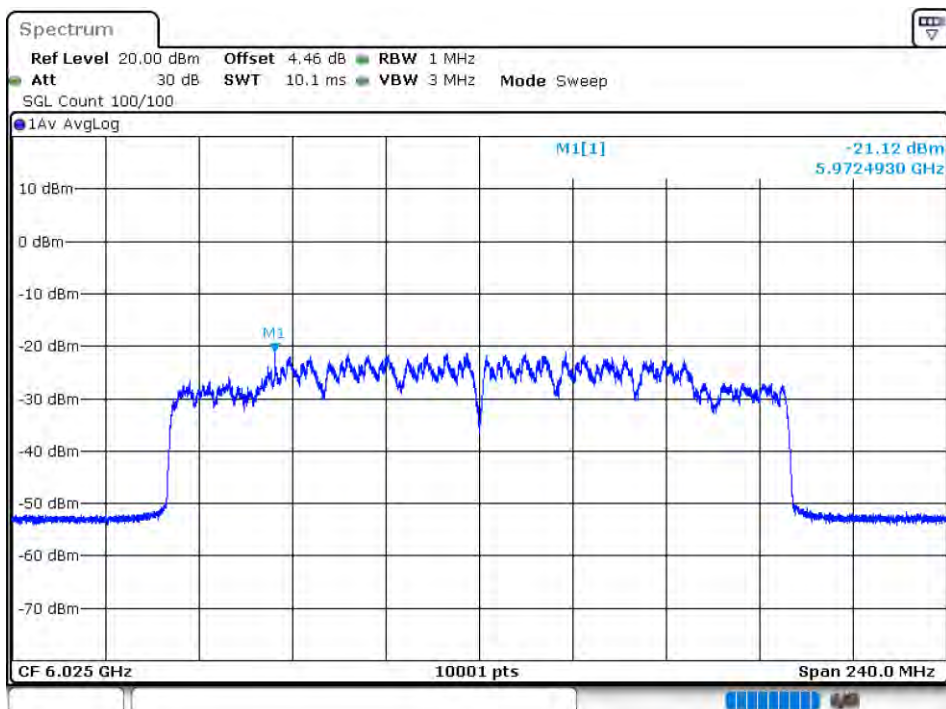


Maximum Power Spectral Density Level

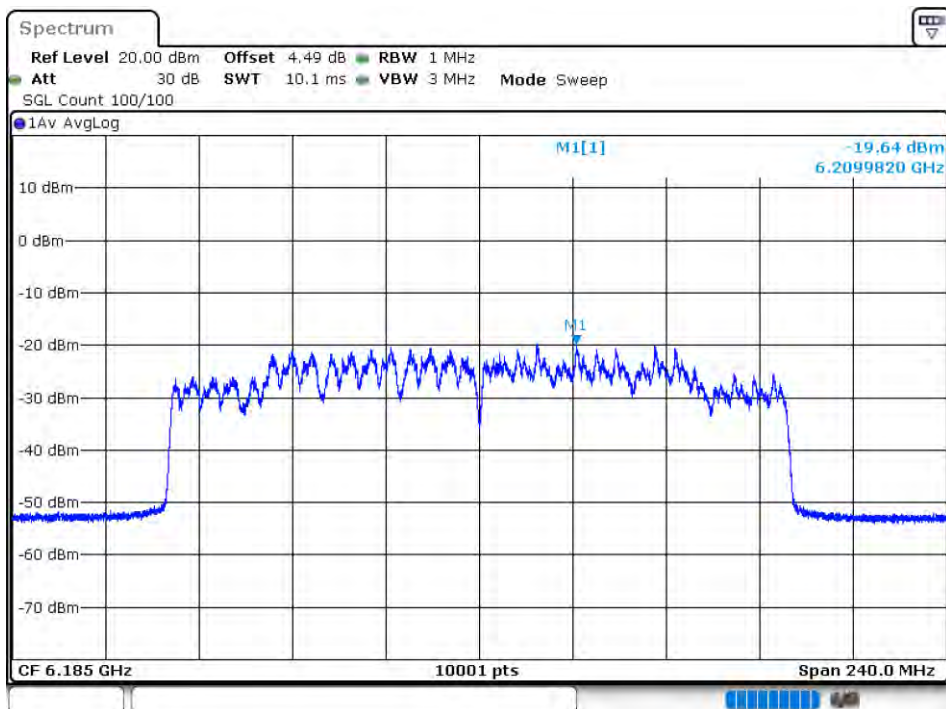
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Gain (dBi)	eirp PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6025	Ant1	-21.12	1.05	-20.07	3.32	-16.75	-5	Pass
NVNT	ax160	6185	Ant1	-19.64	1.02	-18.62	3.32	-15.3	-5	Pass
NVNT	ax160	6345	Ant1	-20.22	1.02	-19.2	3.32	-15.88	-5	Pass
NVNT	ax160	6025	Ant2	-17.75	1.02	-16.73	3.32	-13.41	-5	Pass
NVNT	ax160	6185	Ant2	-18.25	1.05	-17.2	3.32	-13.88	-5	Pass
NVNT	ax160	6345	Ant2	-18.74	1.02	-17.72	3.32	-14.4	-5	Pass
NVNT	ax20	5955	Ant1	-15.57	1.05	-14.52	3.32	-11.2	-5	Pass
NVNT	ax20	6175	Ant1	-13.16	1.06	-12.1	3.32	-8.78	-5	Pass
NVNT	ax20	6415	Ant1	-15.05	1.05	-14	3.32	-10.68	-5	Pass
NVNT	ax20	5955	Ant2	-15.06	1.05	-14.01	3.32	-10.69	-5	Pass
NVNT	ax20	6175	Ant2	-15.88	1.08	-14.8	3.32	-11.48	-5	Pass
NVNT	ax20	6415	Ant2	-15.25	1.05	-14.2	3.32	-10.88	-5	Pass
NVNT	ax40	5965	Ant1	-17.53	1.07	-16.46	3.32	-13.14	-5	Pass
NVNT	ax40	6165	Ant1	-17.24	1.07	-16.17	3.32	-12.85	-5	Pass
NVNT	ax40	6405	Ant1	-17.45	0.16	-17.29	3.32	-13.97	-5	Pass
NVNT	ax40	5965	Ant2	-15.45	1.05	-14.4	3.32	-11.08	-5	Pass
NVNT	ax40	6165	Ant2	-15.37	1.05	-14.32	3.32	-11	-5	Pass
NVNT	ax40	6405	Ant2	-14.86	1.05	-13.81	3.32	-10.49	-5	Pass
NVNT	ax80	5985	Ant1	-17.86	1.02	-16.84	3.32	-13.52	-5	Pass
NVNT	ax80	6145	Ant1	-18.58	1.02	-17.56	3.32	-14.24	-5	Pass
NVNT	ax80	6385	Ant1	-19	1.02	-17.98	3.32	-14.66	-5	Pass
NVNT	ax80	5985	Ant2	-16.65	1.02	-15.63	3.32	-12.31	-5	Pass
NVNT	ax80	6145	Ant2	-18.14	1.02	-17.12	3.32	-13.8	-5	Pass
NVNT	ax80	6385	Ant2	-16.68	1.02	-15.66	3.32	-12.34	-5	Pass

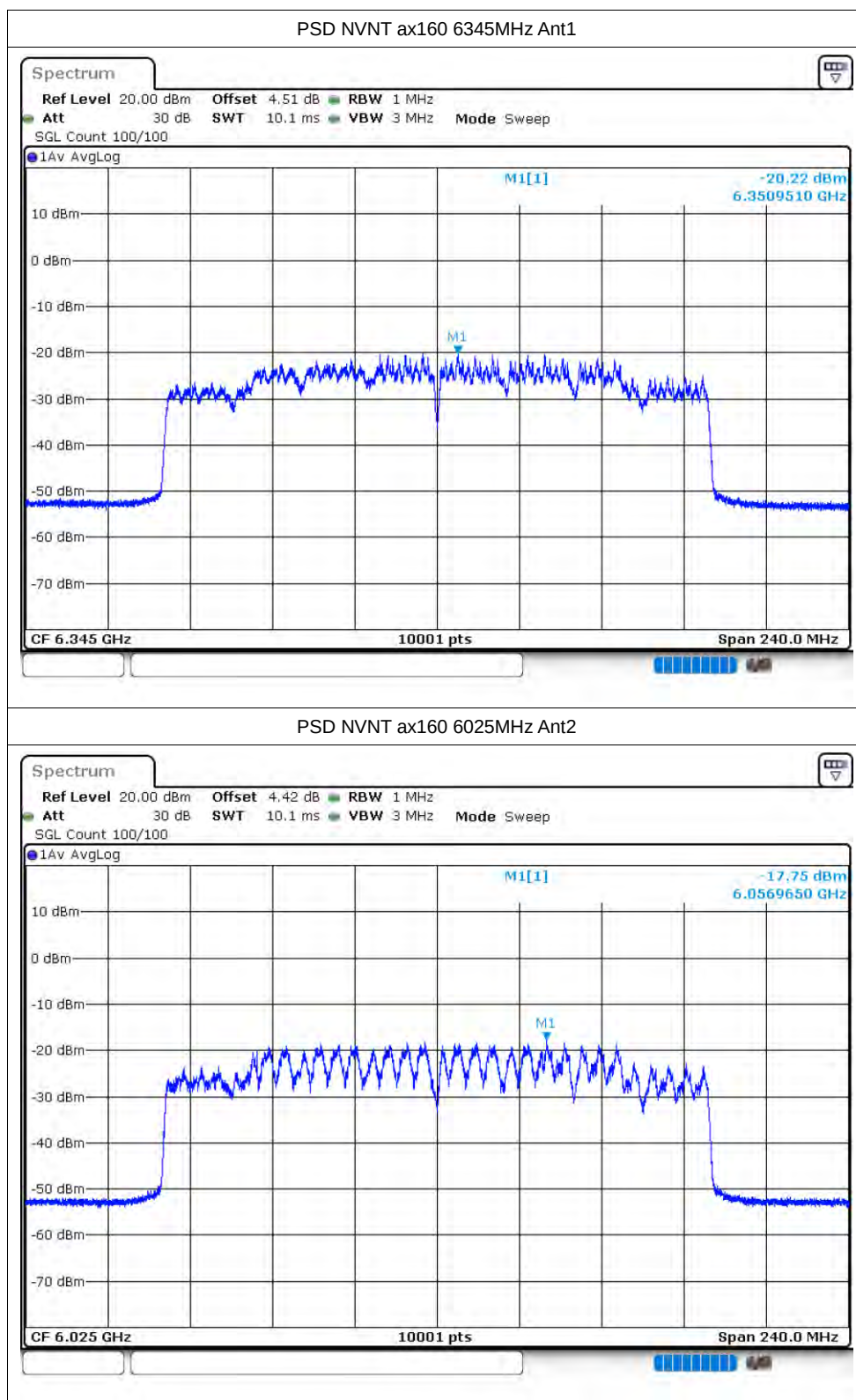
Test Graphs

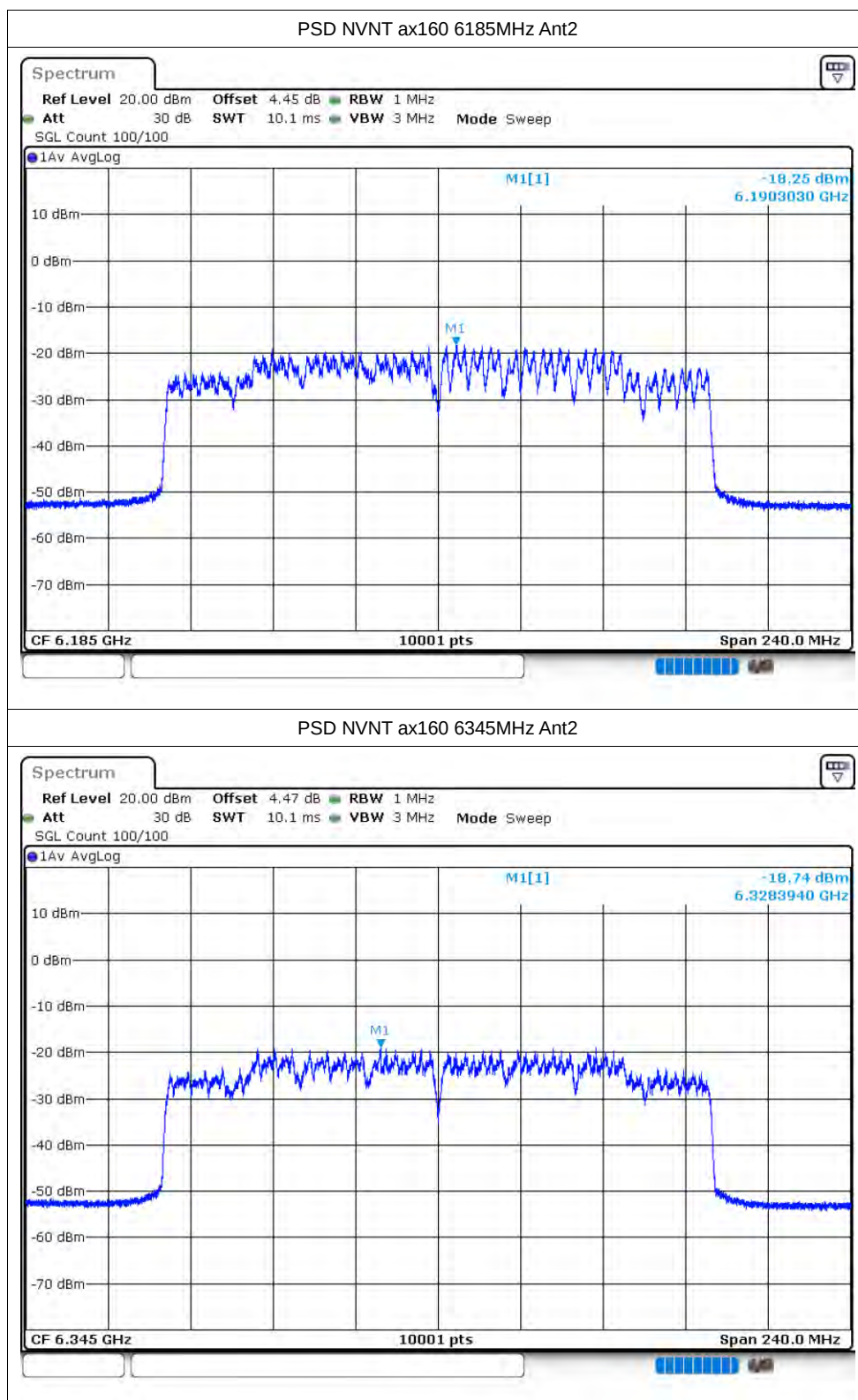
PSD NVNT ax160 6025MHz Ant1

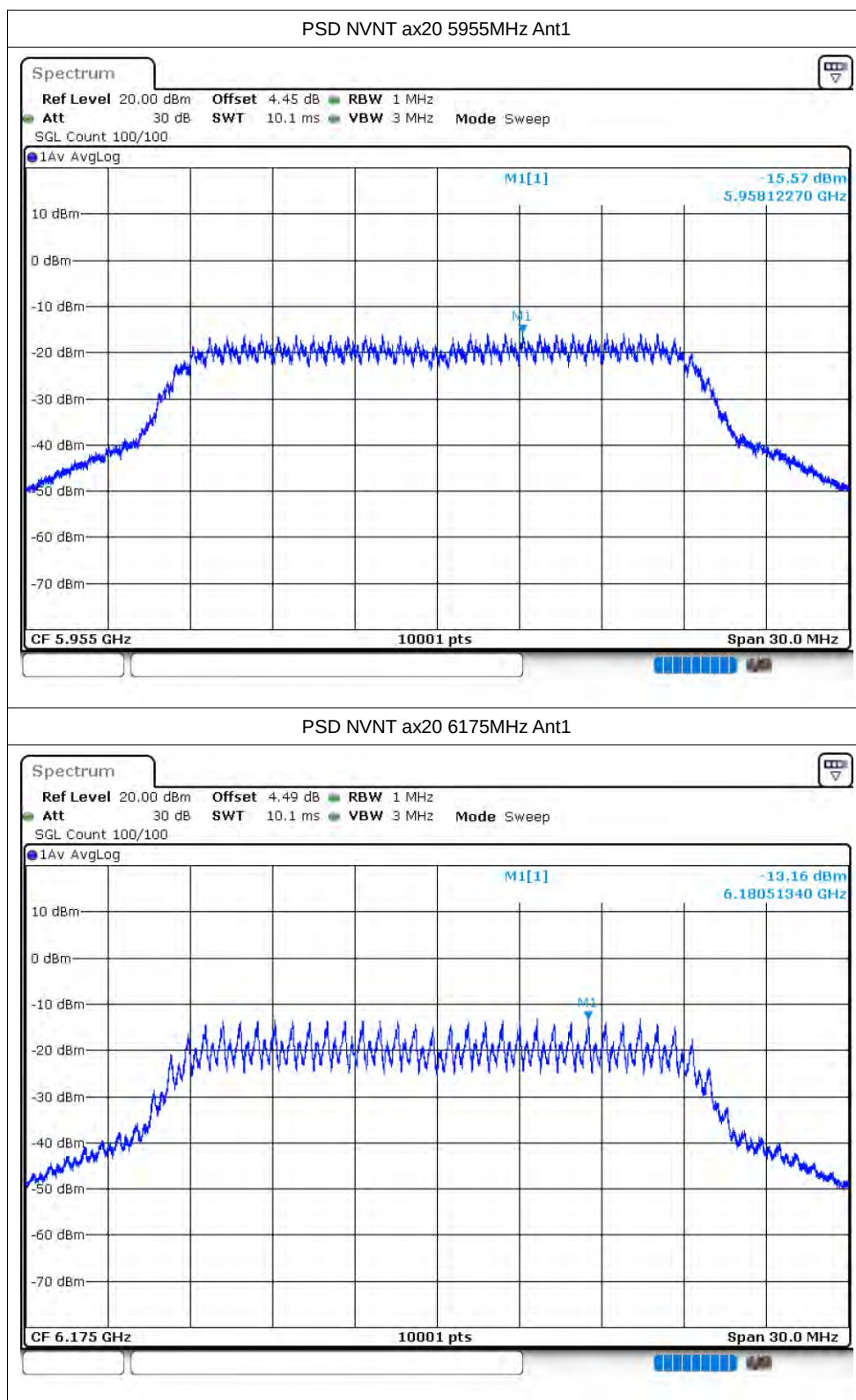


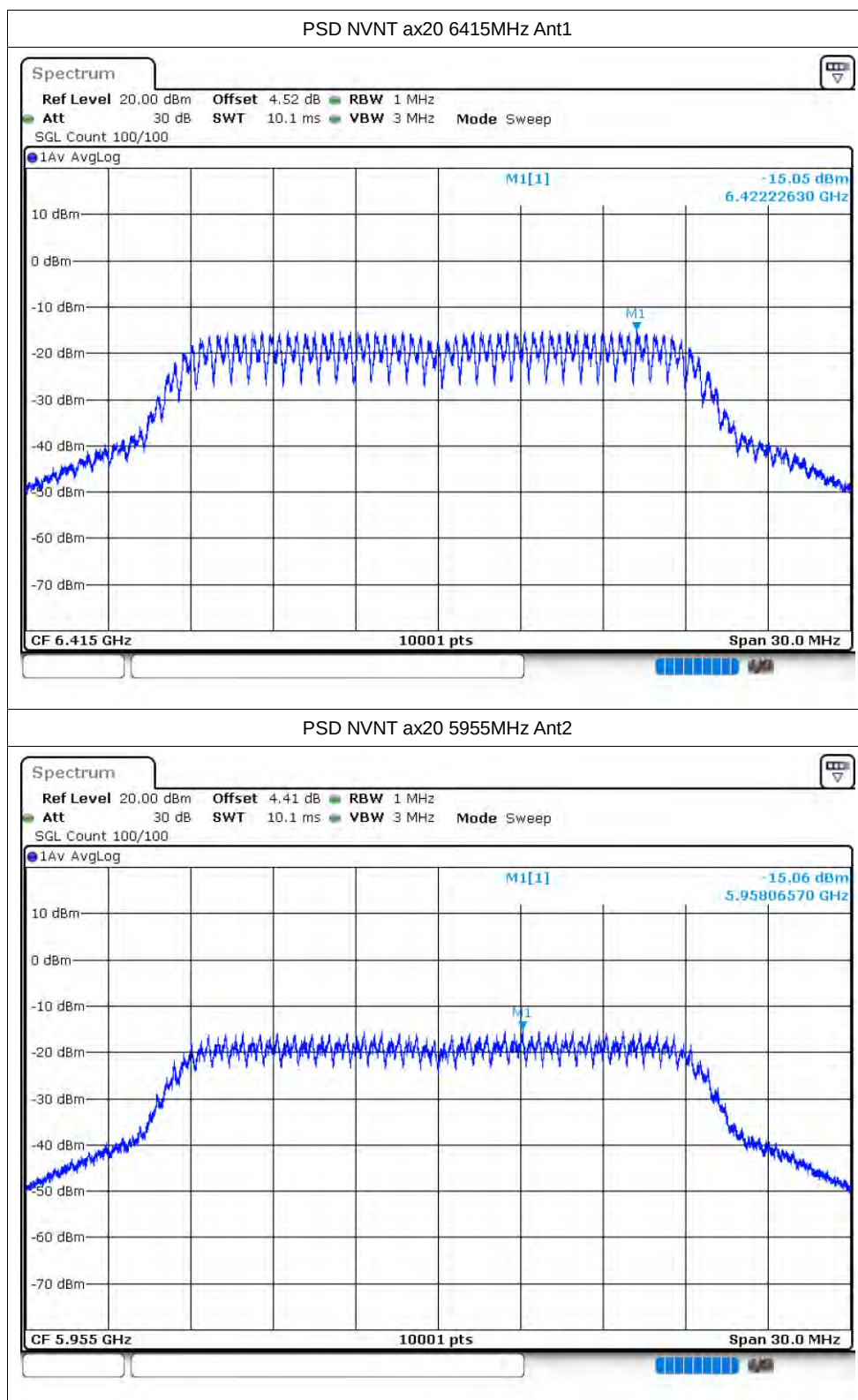
PSD NVNT ax160 6185MHz Ant1

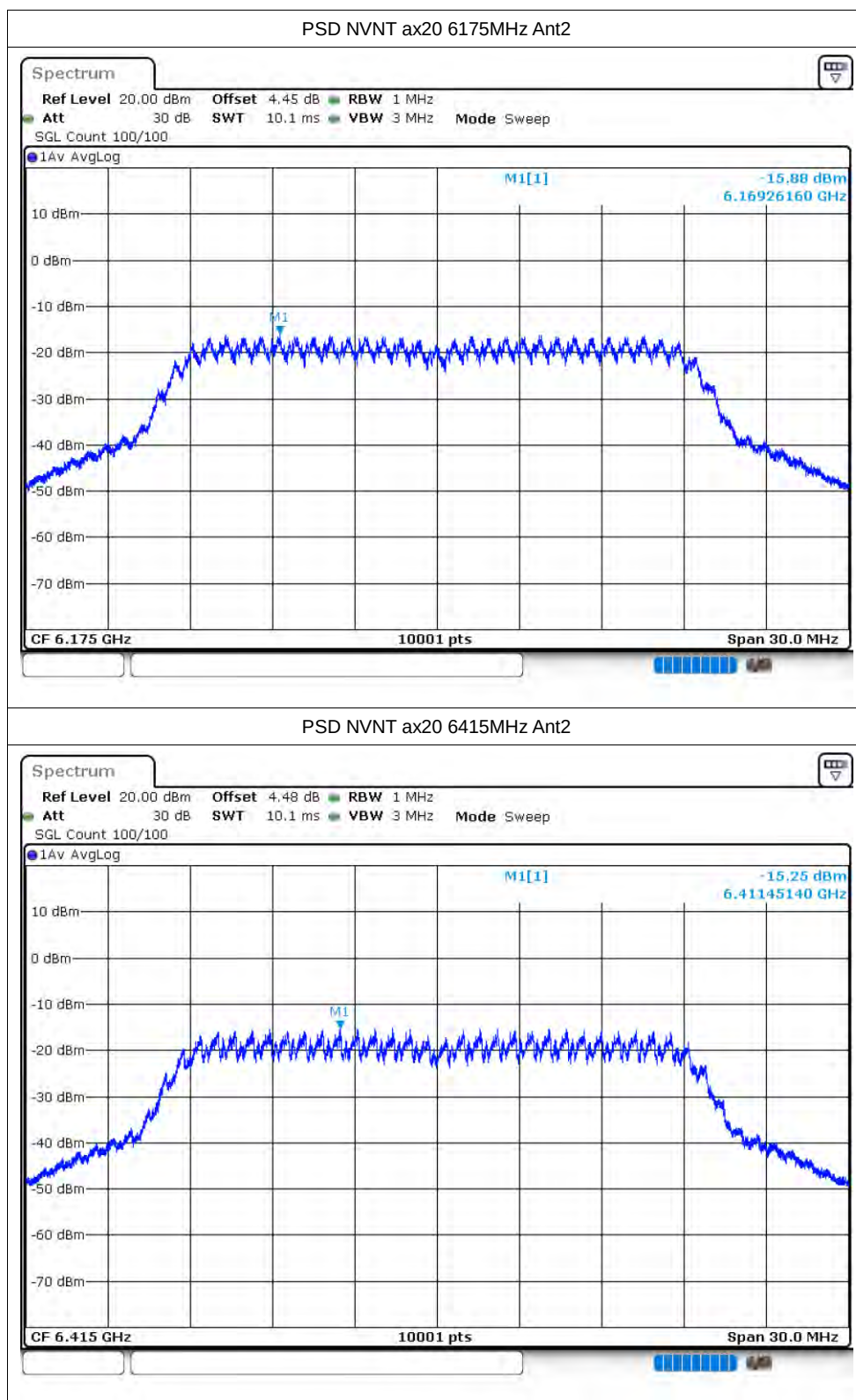


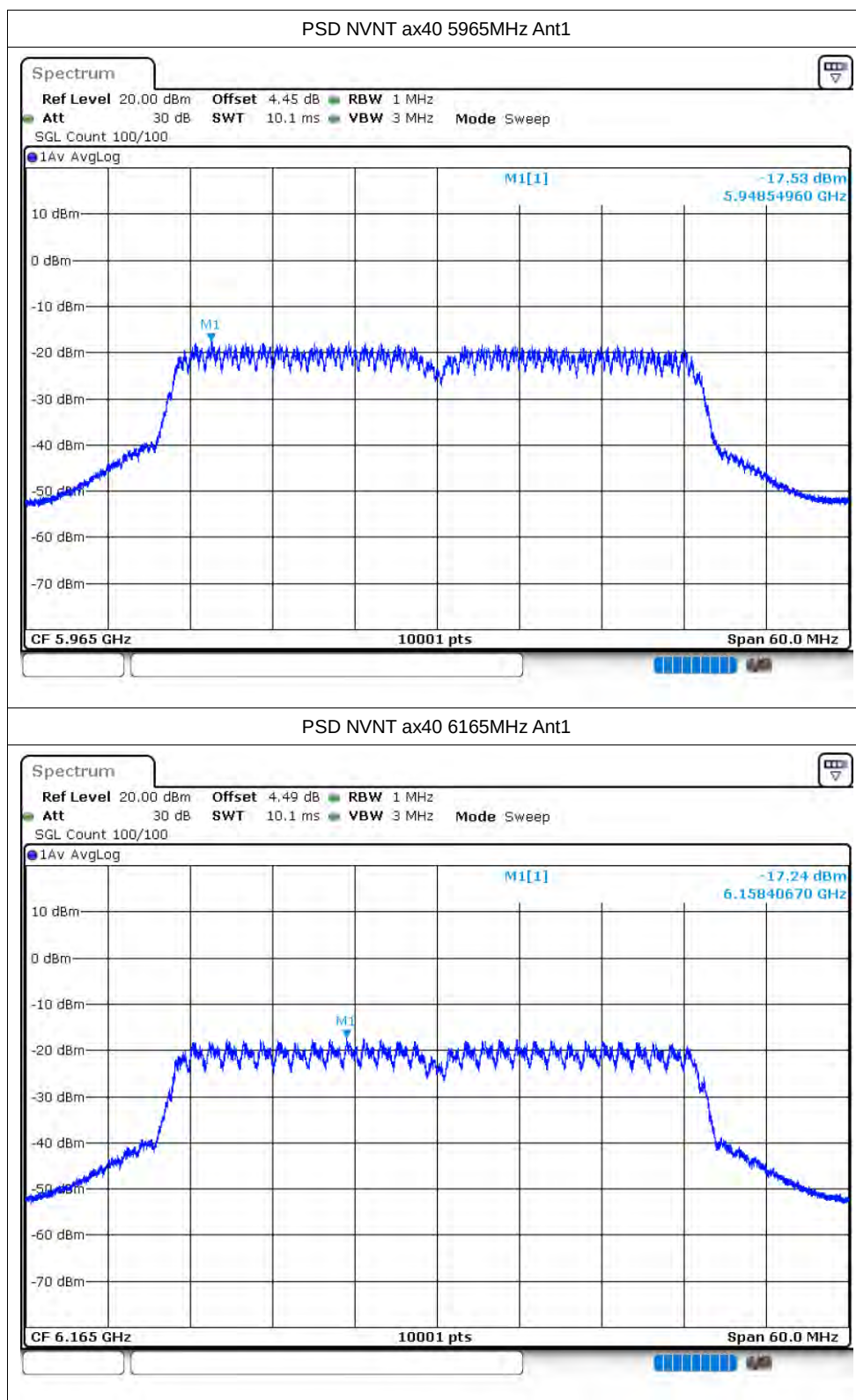


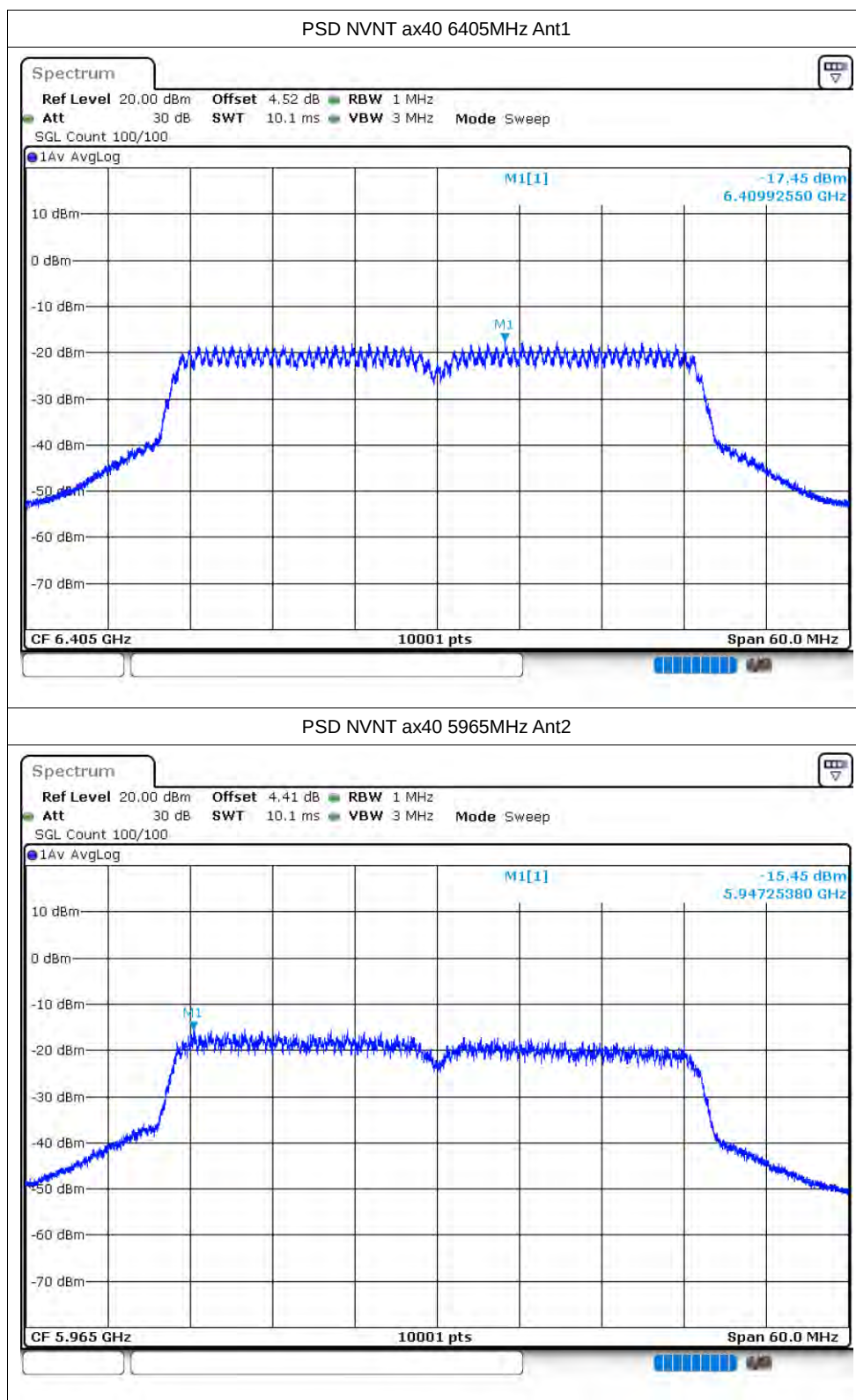


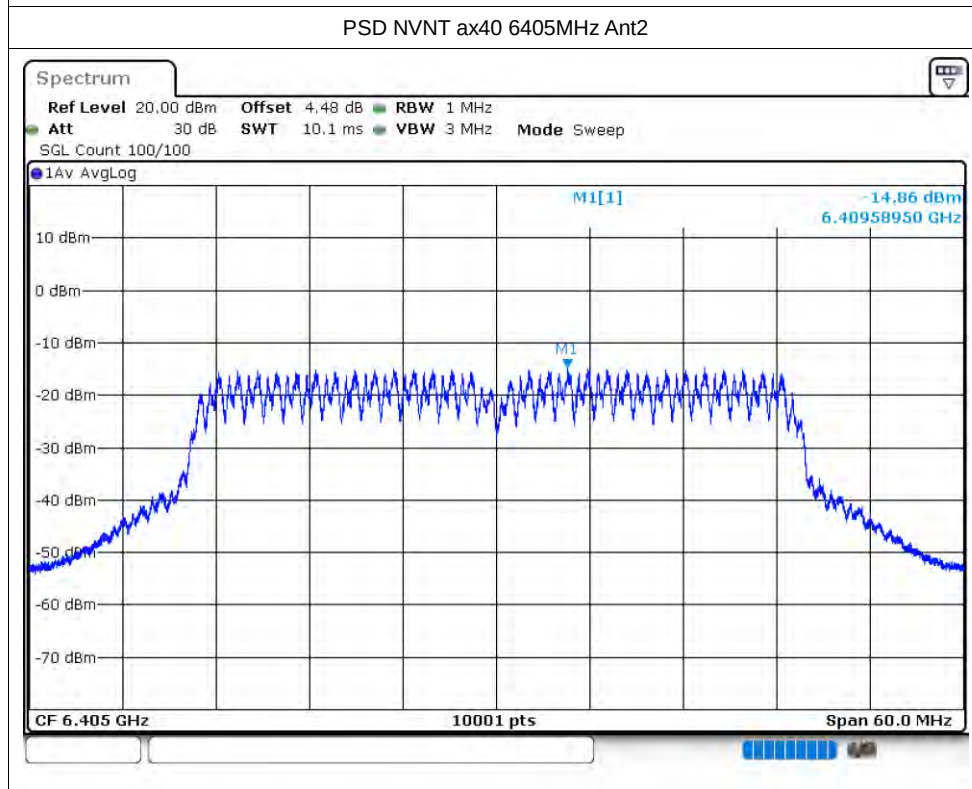
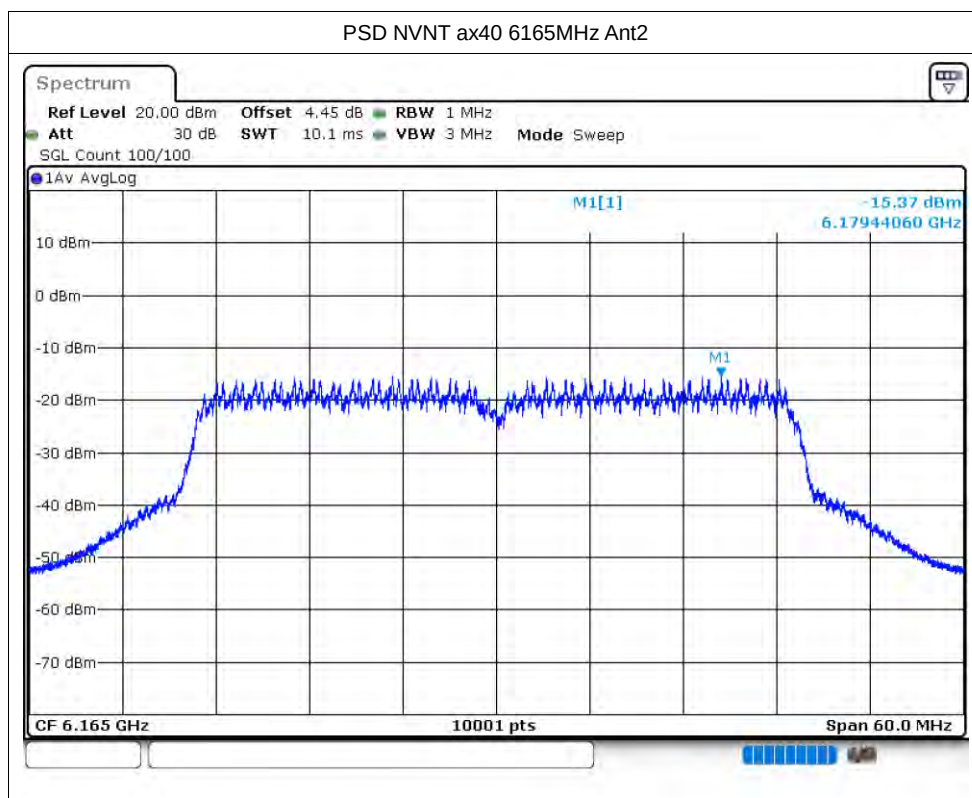


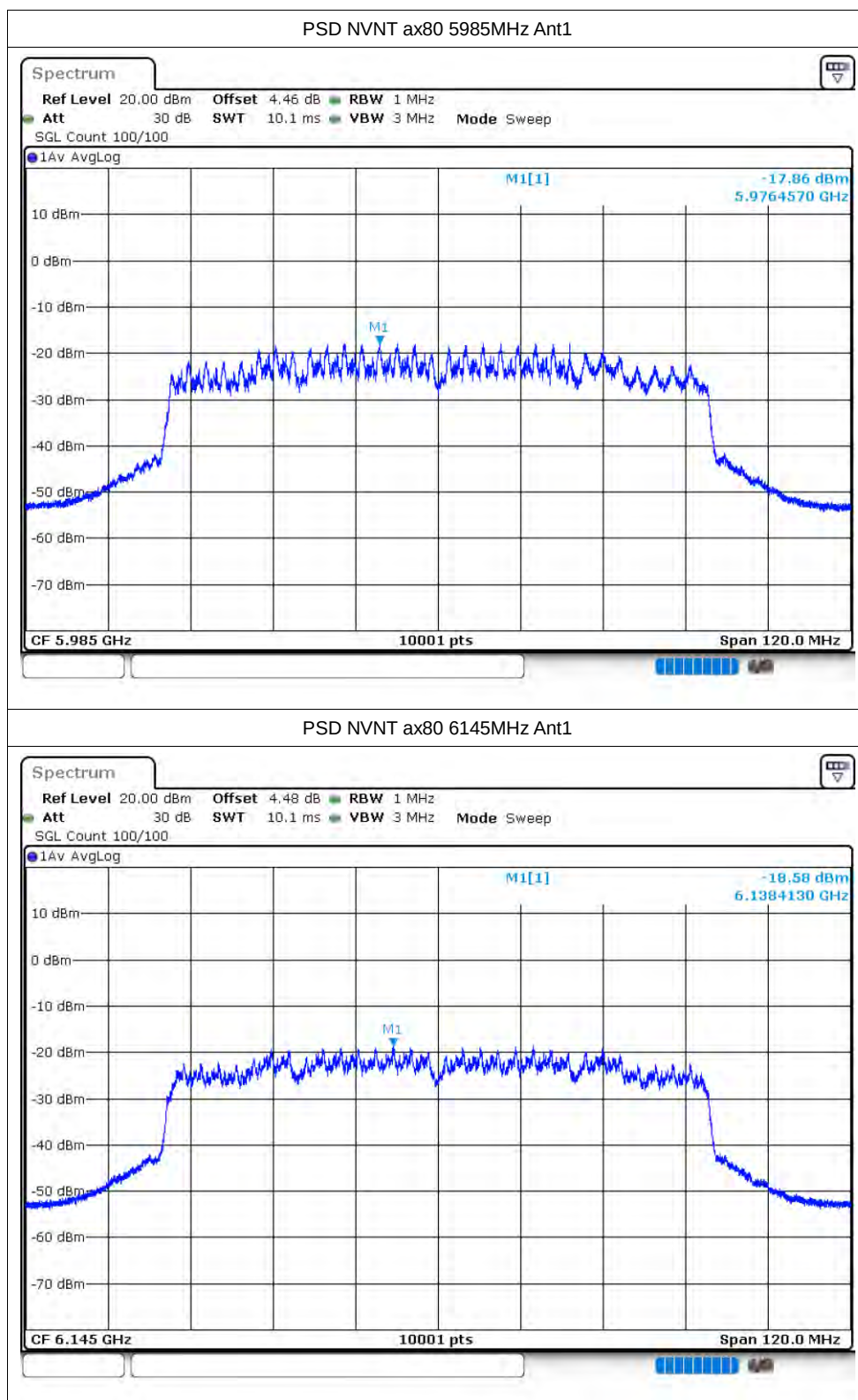


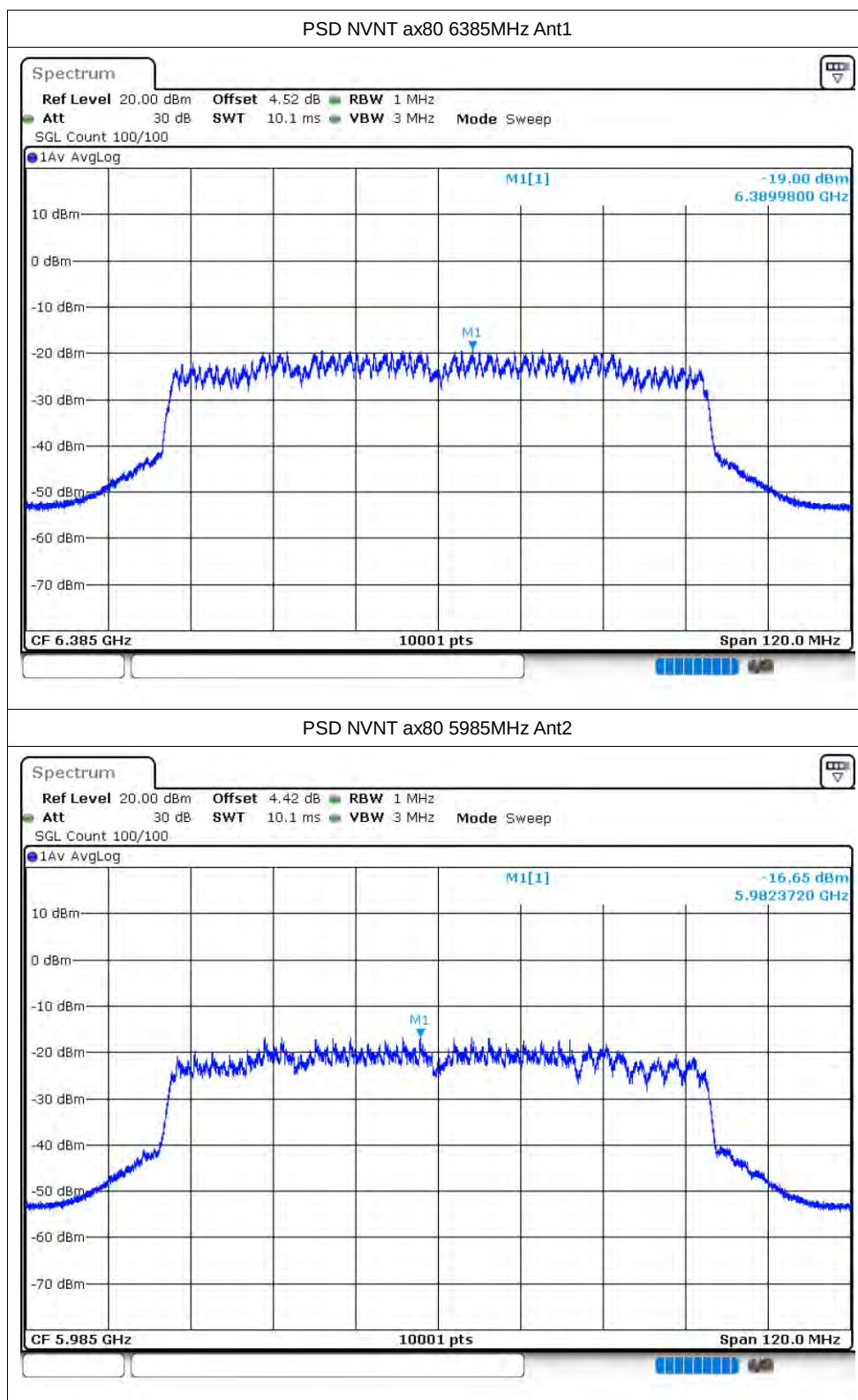


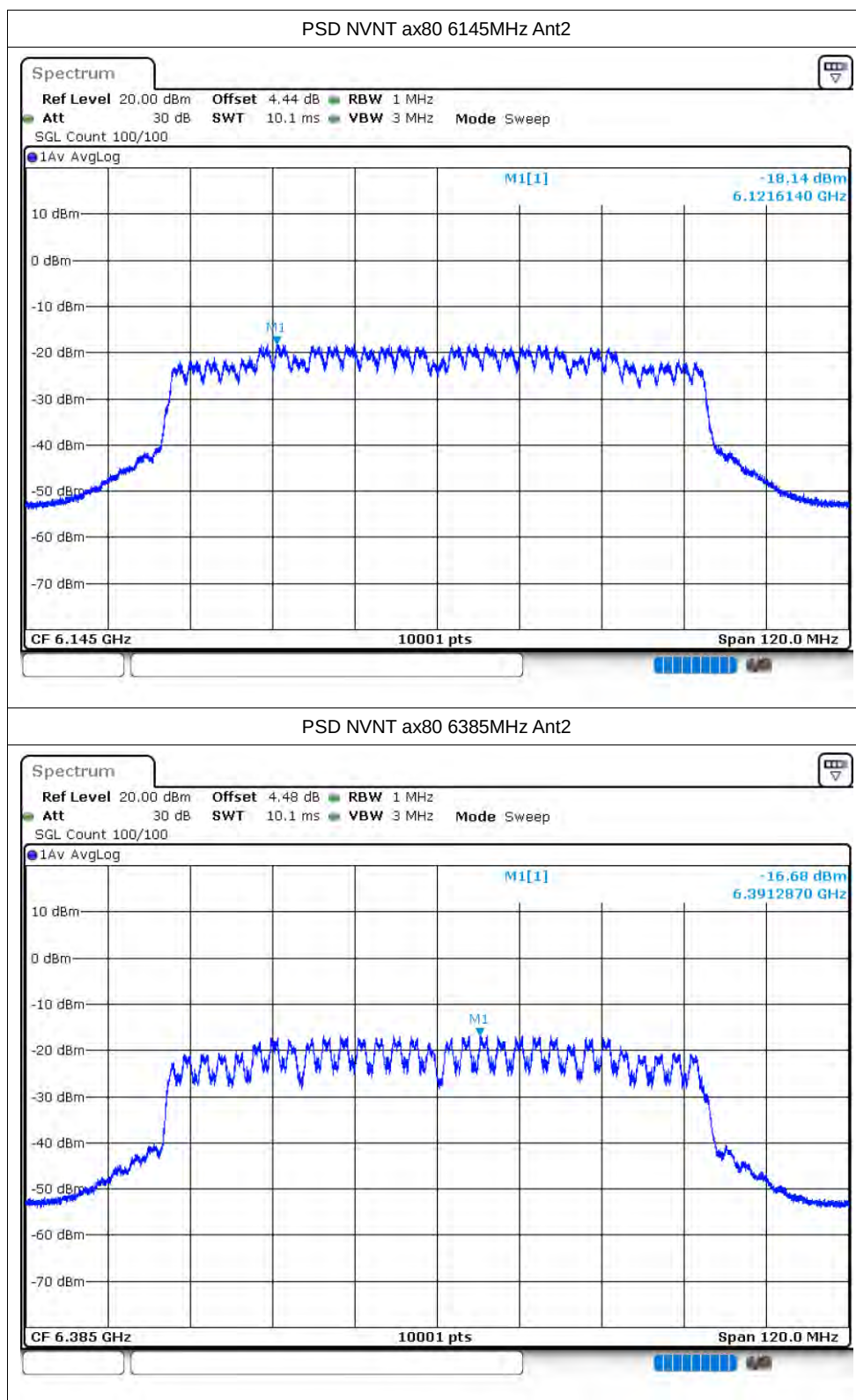










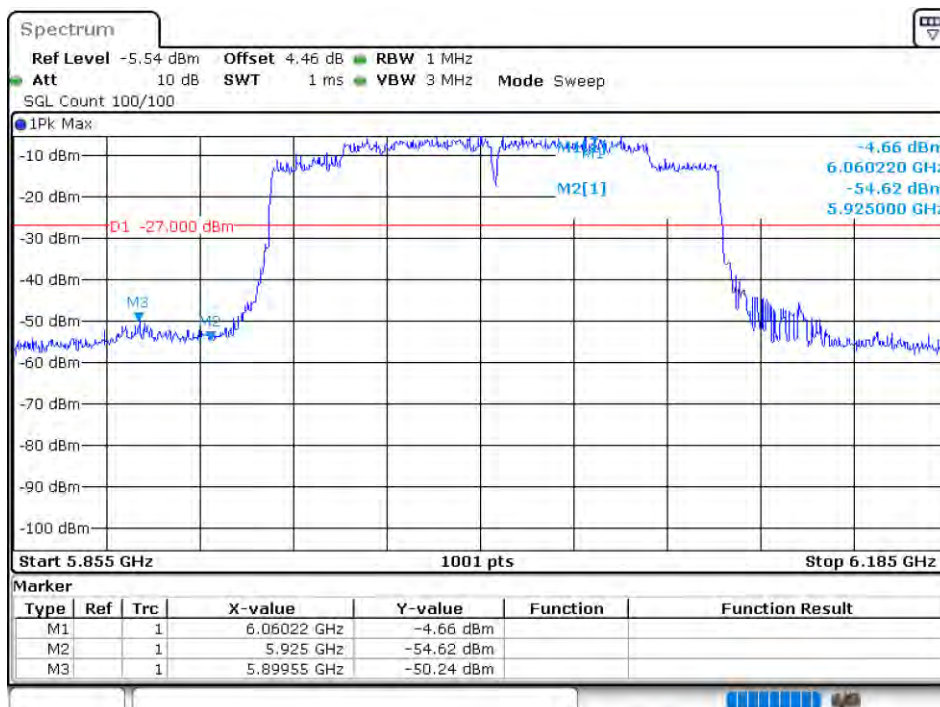


Band Edge

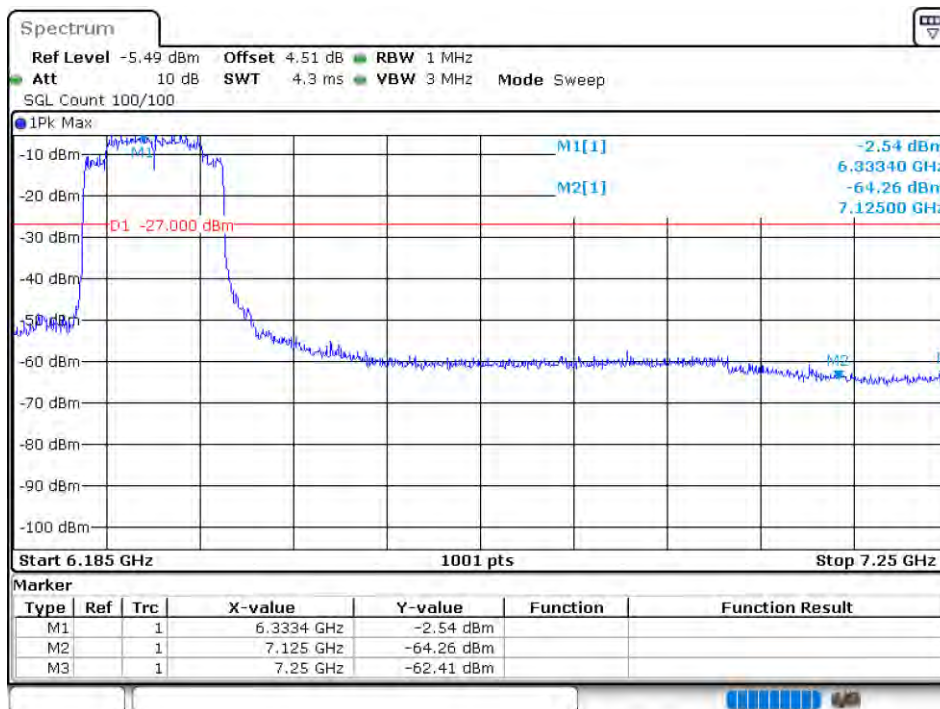
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6025	Ant1	-50.23	-27	Pass
NVNT	ax160	6345	Ant1	-62.4	-27	Pass
NVNT	ax160	6025	Ant2	-47.14	-27	Pass
NVNT	ax160	6345	Ant2	-62.01	-27	Pass
NVNT	ax20	5955	Ant1	-51.68	-27	Pass
NVNT	ax20	6415	Ant1	-62.39	-27	Pass
NVNT	ax20	5955	Ant2	-52.5	-27	Pass
NVNT	ax20	6415	Ant2	-62.42	-27	Pass
NVNT	ax40	5965	Ant1	-49.34	-27	Pass
NVNT	ax40	6405	Ant1	-61.89	-27	Pass
NVNT	ax40	5965	Ant2	-48.6	-27	Pass
NVNT	ax40	6405	Ant2	-61.8	-27	Pass
NVNT	ax80	5985	Ant1	-49.96	-27	Pass
NVNT	ax80	6385	Ant1	-62.49	-27	Pass
NVNT	ax80	5985	Ant2	-47.79	-27	Pass
NVNT	ax80	6385	Ant2	-62.16	-27	Pass

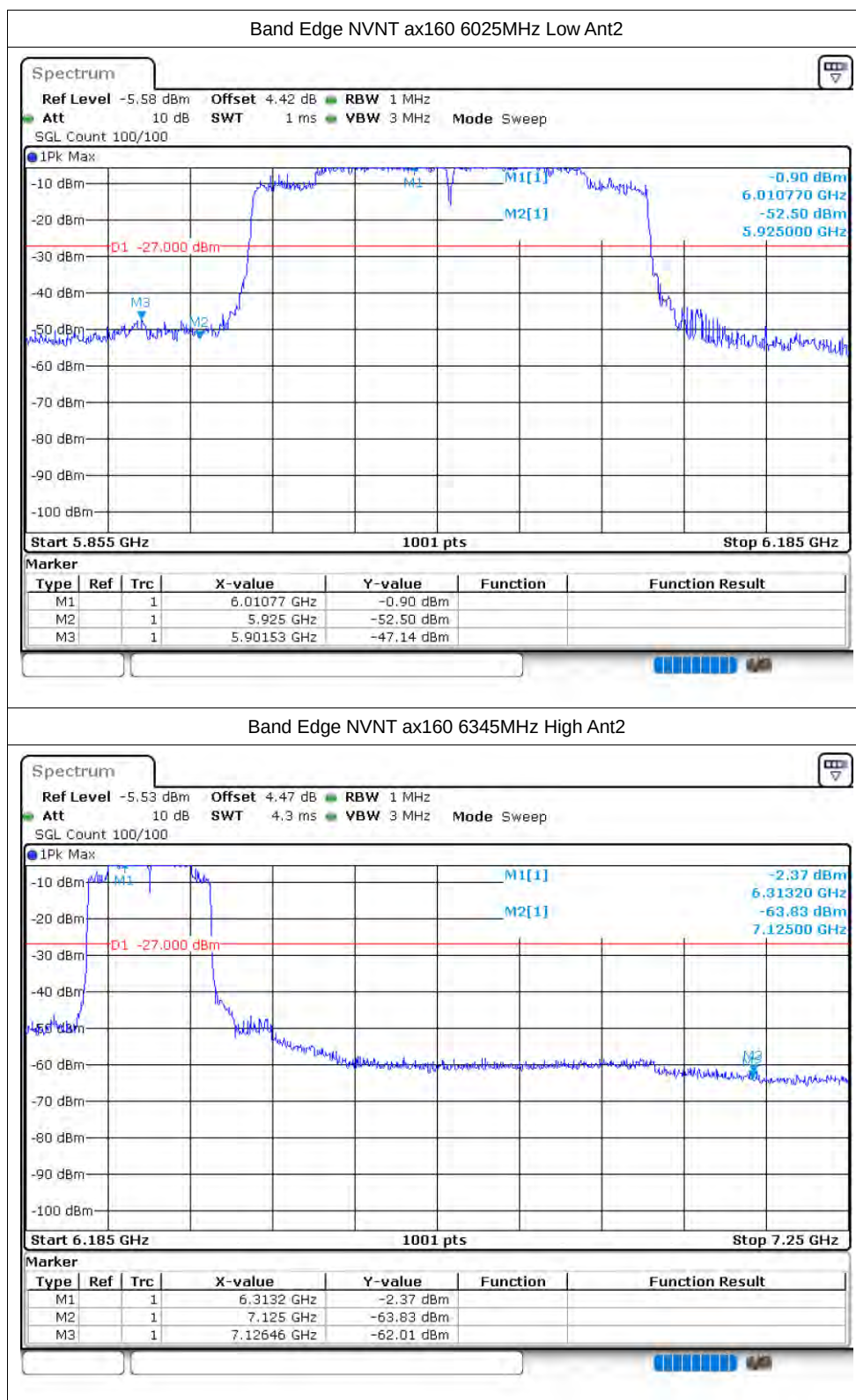
Test Graphs

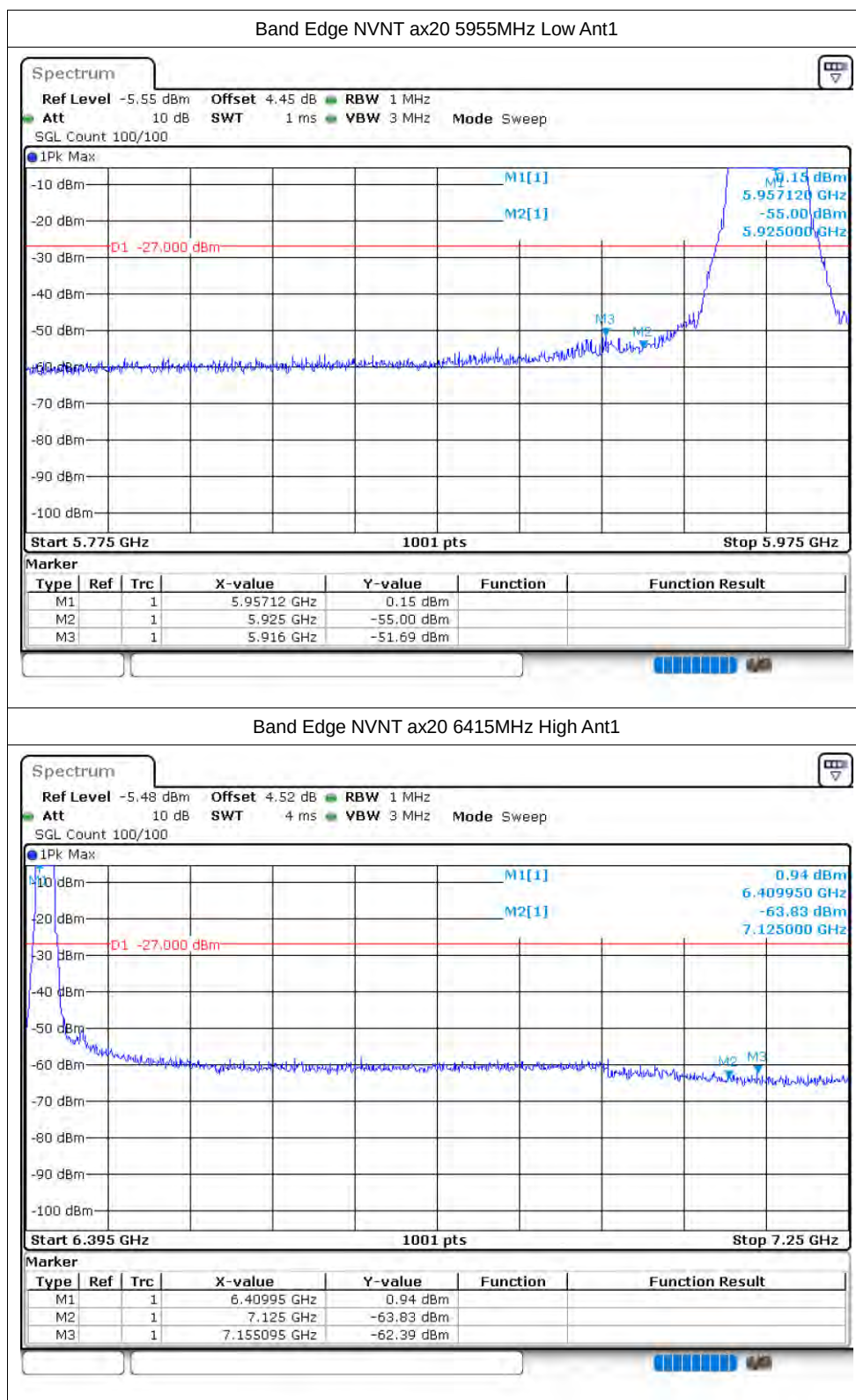
Band Edge NVNT ax160 6025MHz Low Ant1

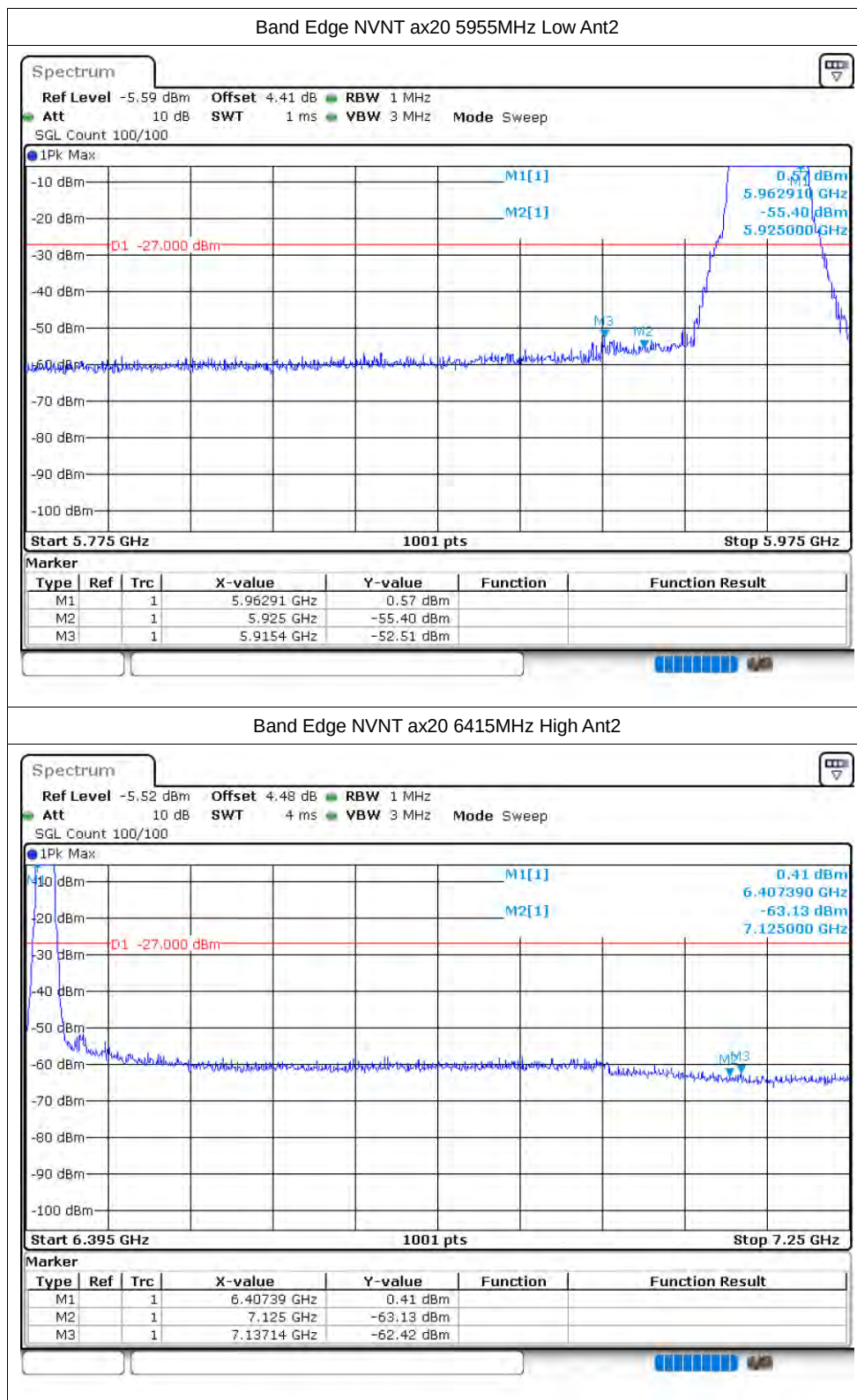


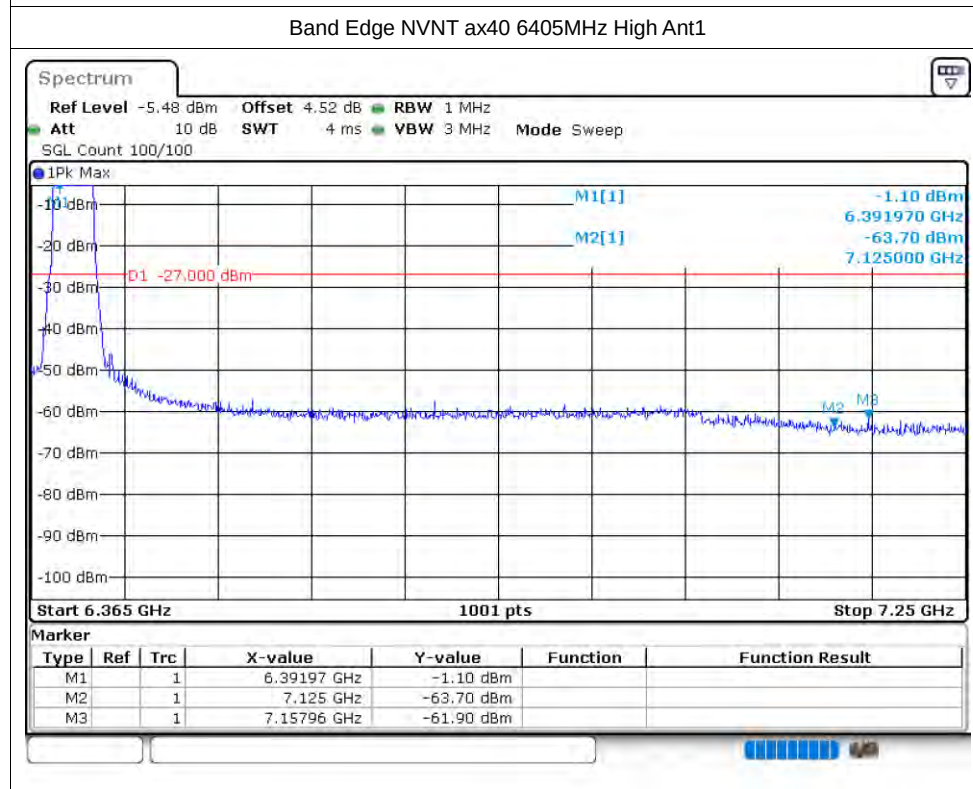
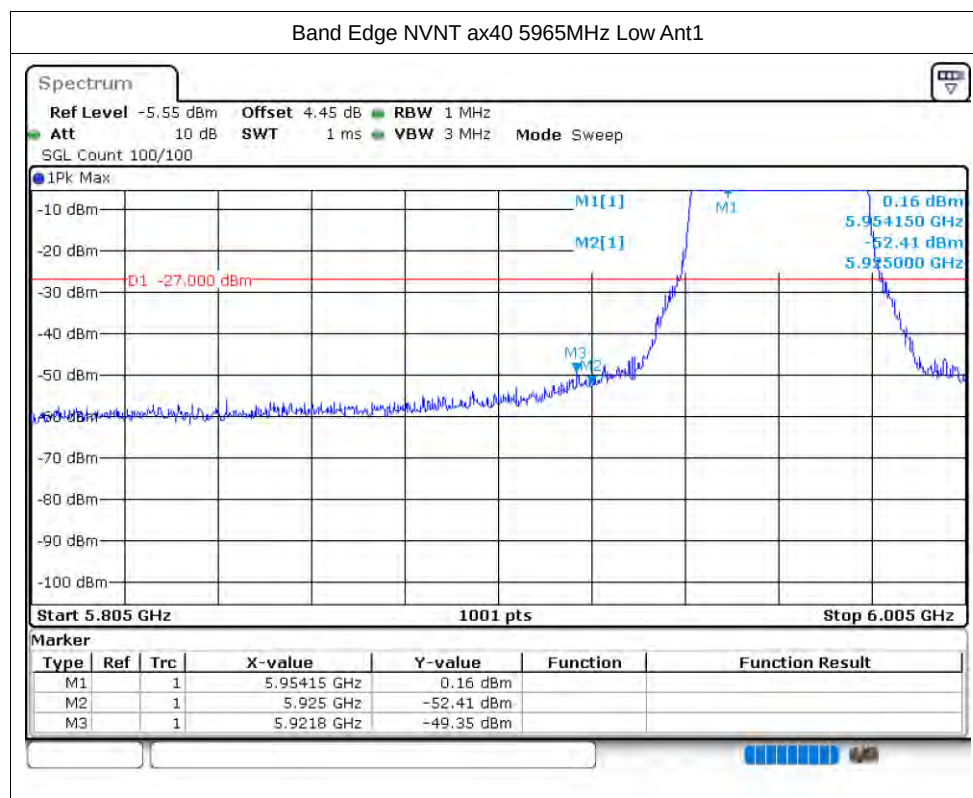
Band Edge NVNT ax160 6345MHz High Ant1

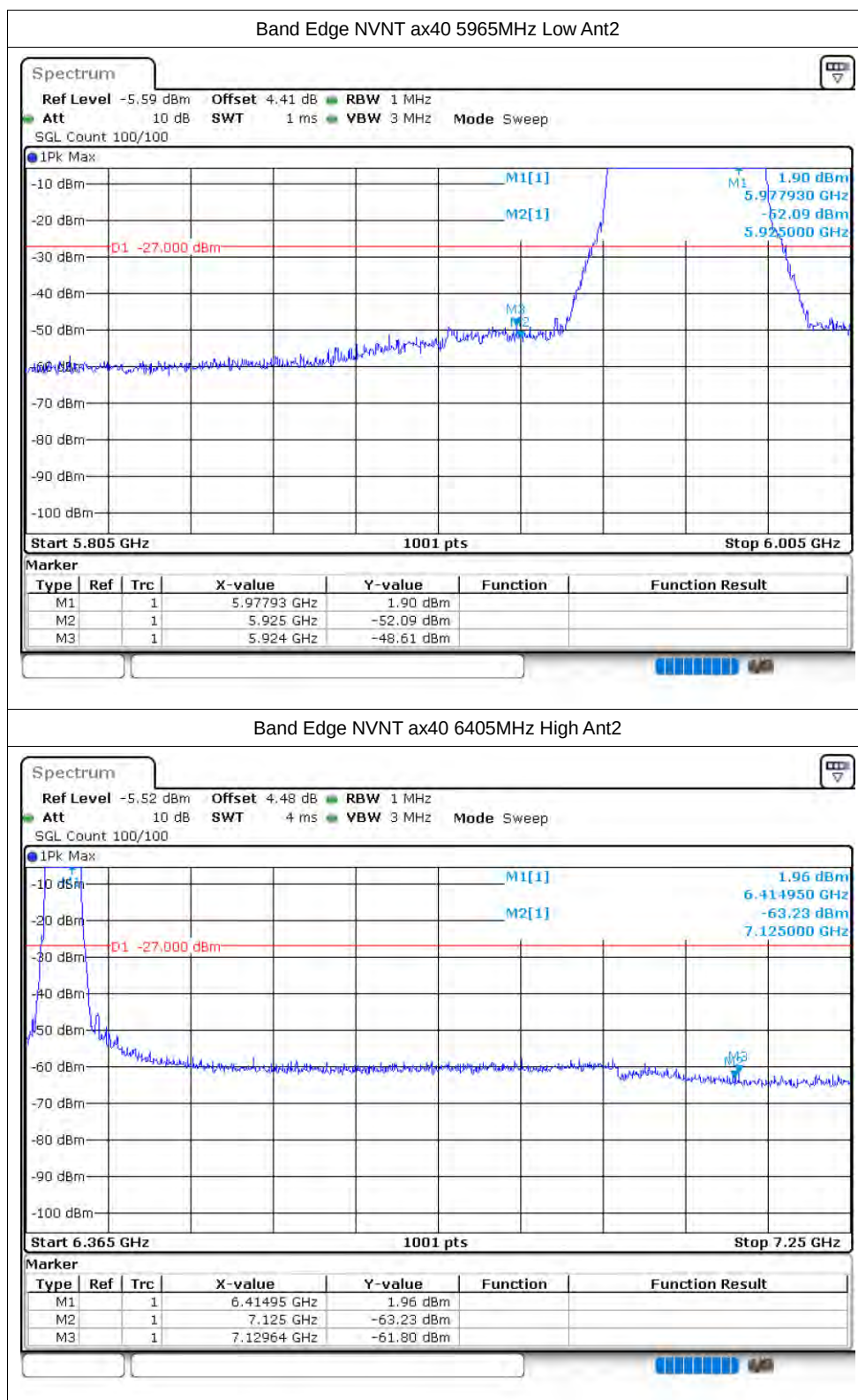


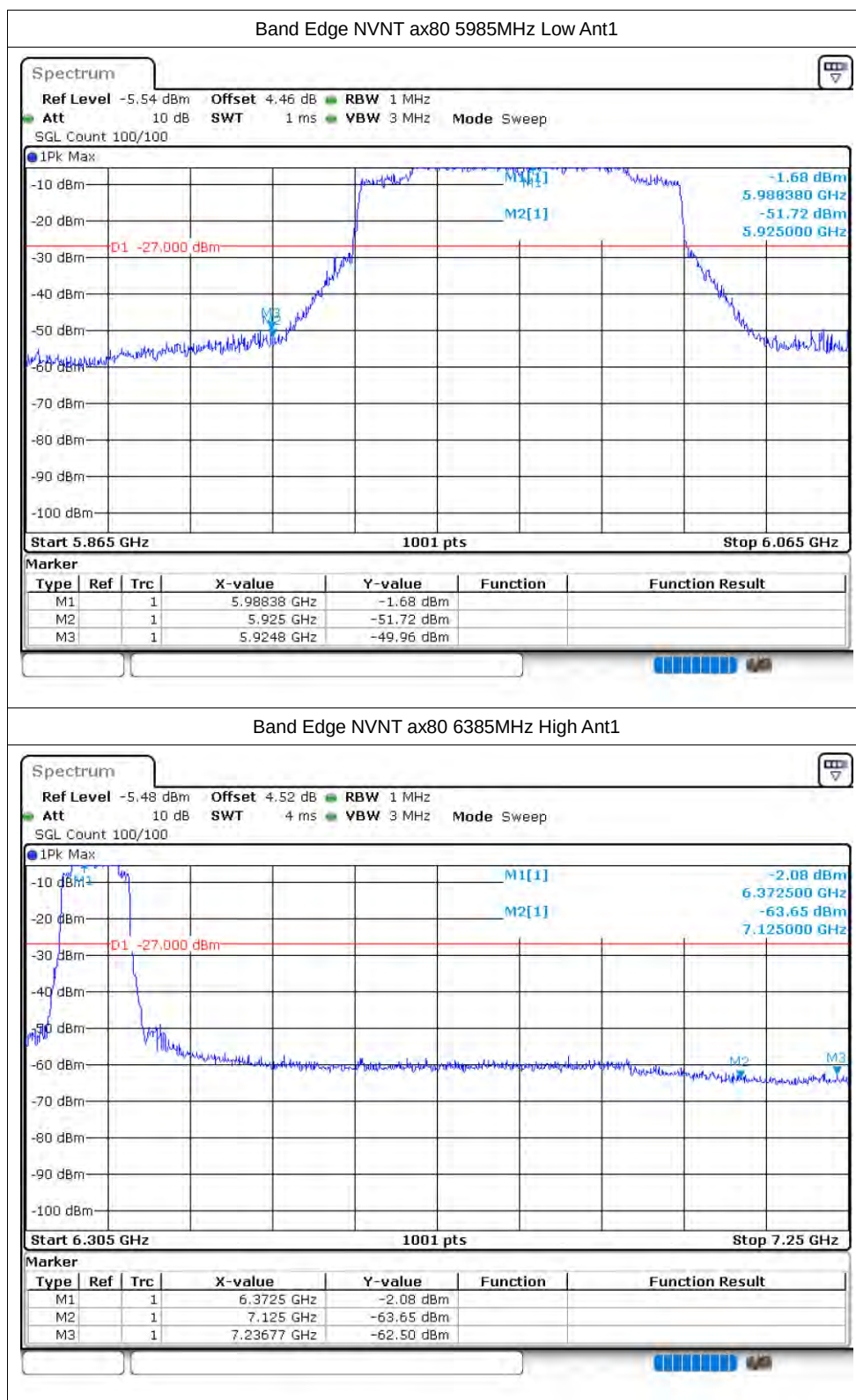


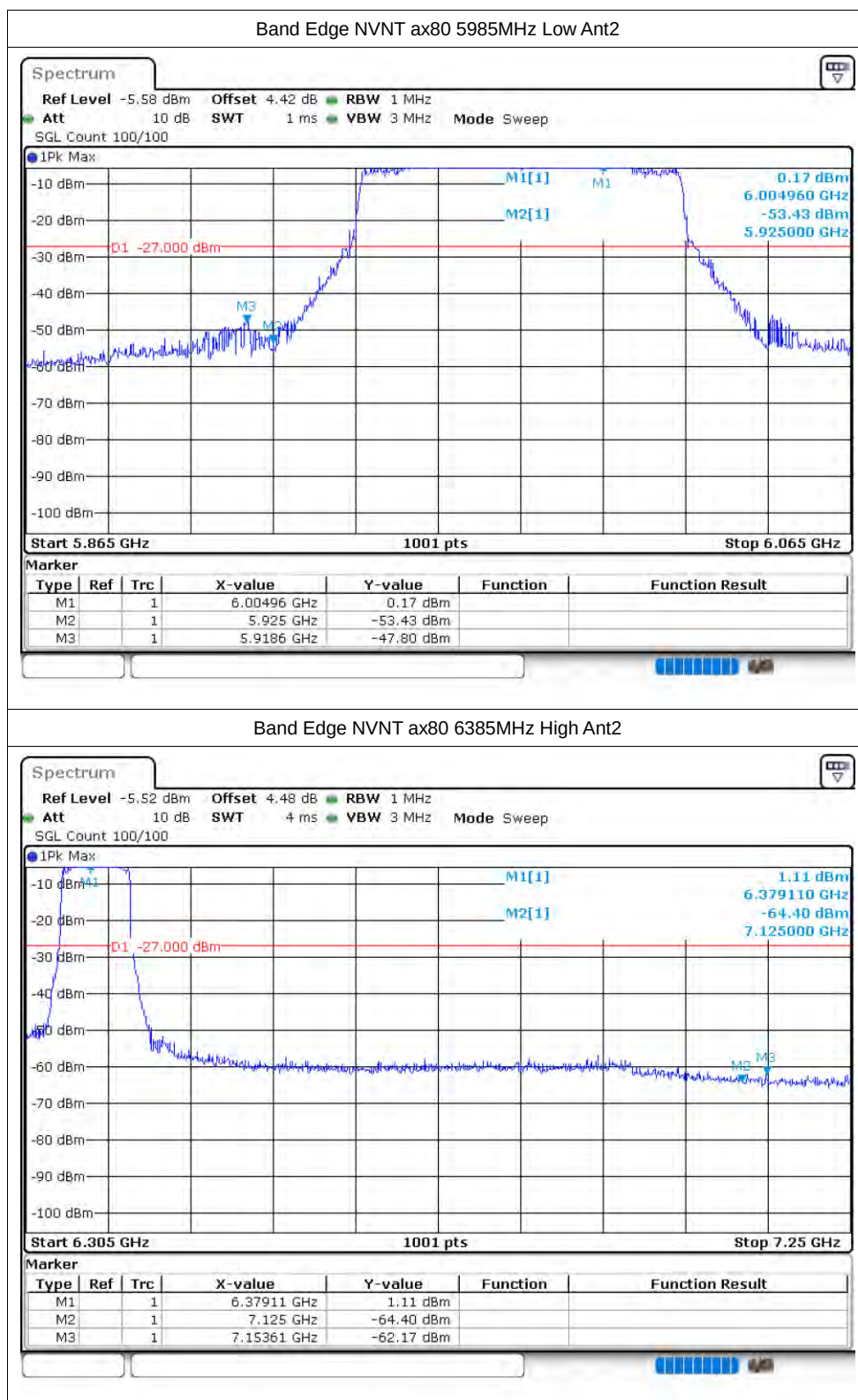










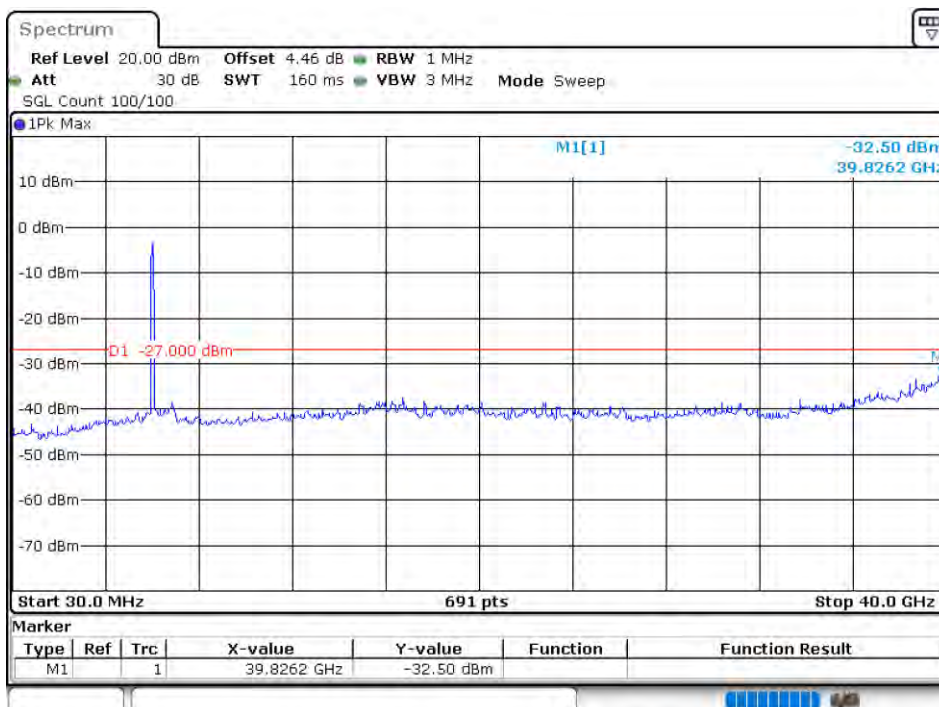


Conducted RF Spurious Emission

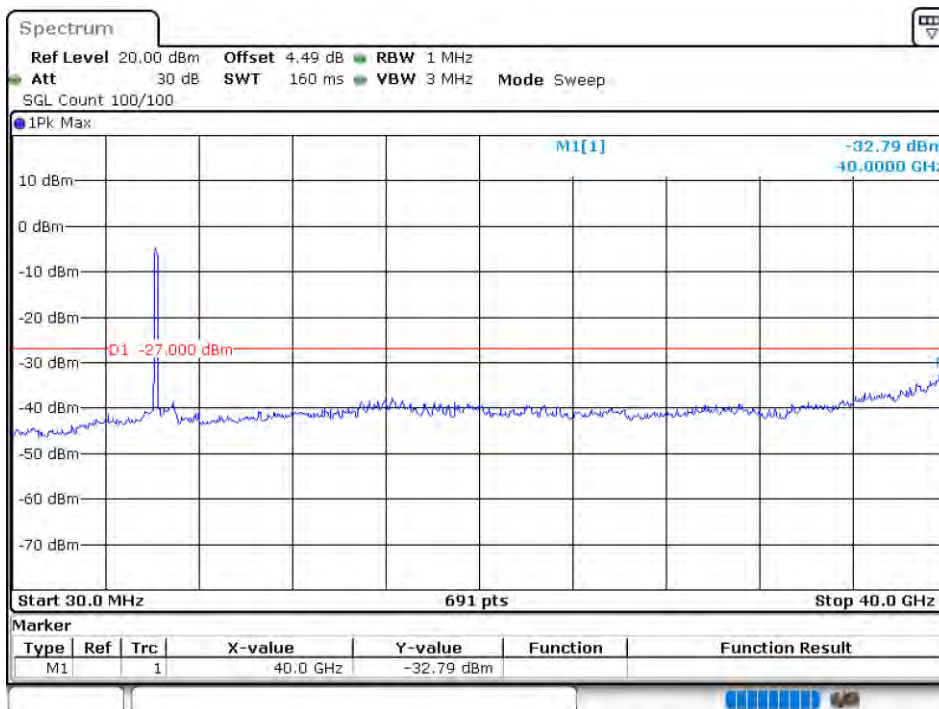
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6025	Ant1	-32.5	-27	Pass
NVNT	ax160	6185	Ant1	-32.79	-27	Pass
NVNT	ax160	6345	Ant1	-32.95	-27	Pass
NVNT	ax160	6025	Ant2	-32.64	-27	Pass
NVNT	ax160	6185	Ant2	-31.96	-27	Pass
NVNT	ax160	6345	Ant2	-32.76	-27	Pass
NVNT	ax20	5955	Ant1	-33.02	-27	Pass
NVNT	ax20	6175	Ant1	-34.12	-27	Pass
NVNT	ax20	6415	Ant1	-32.74	-27	Pass
NVNT	ax20	5955	Ant2	-32.75	-27	Pass
NVNT	ax20	6175	Ant2	-33.5	-27	Pass
NVNT	ax20	6415	Ant2	-32.73	-27	Pass
NVNT	ax40	5965	Ant1	-32.74	-27	Pass
NVNT	ax40	6165	Ant1	-32.87	-27	Pass
NVNT	ax40	6405	Ant1	-32.72	-27	Pass
NVNT	ax40	5965	Ant2	-32.94	-27	Pass
NVNT	ax40	6165	Ant2	-32.51	-27	Pass
NVNT	ax40	6405	Ant2	-32.6	-27	Pass
NVNT	ax80	5985	Ant1	-32.52	-27	Pass
NVNT	ax80	6145	Ant1	-33.04	-27	Pass
NVNT	ax80	6385	Ant1	-32.79	-27	Pass
NVNT	ax80	5985	Ant2	-32.24	-27	Pass
NVNT	ax80	6145	Ant2	-33.02	-27	Pass
NVNT	ax80	6385	Ant2	-32.64	-27	Pass

Test Graphs

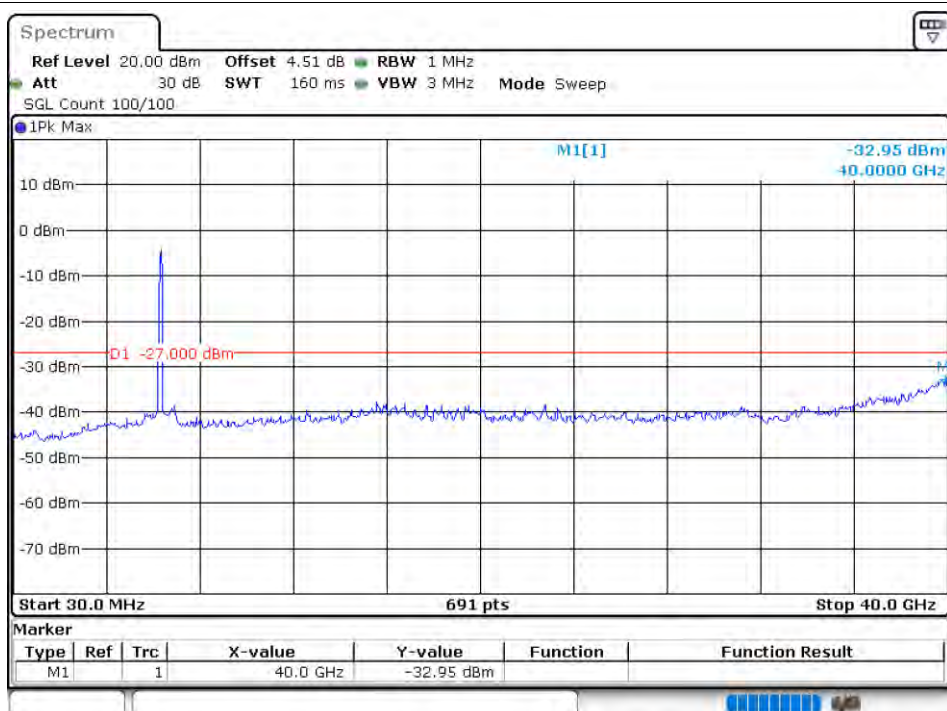
Tx. Spurious NVNT ax160 6025MHz Ant1 Emission



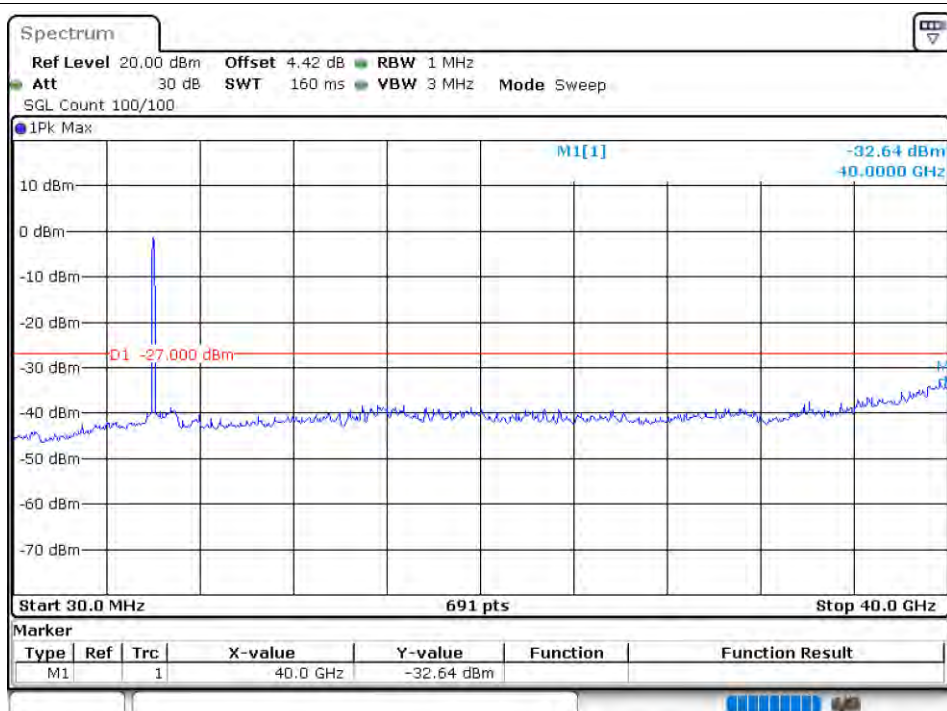
Tx. Spurious NVNT ax160 6185MHz Ant1 Emission



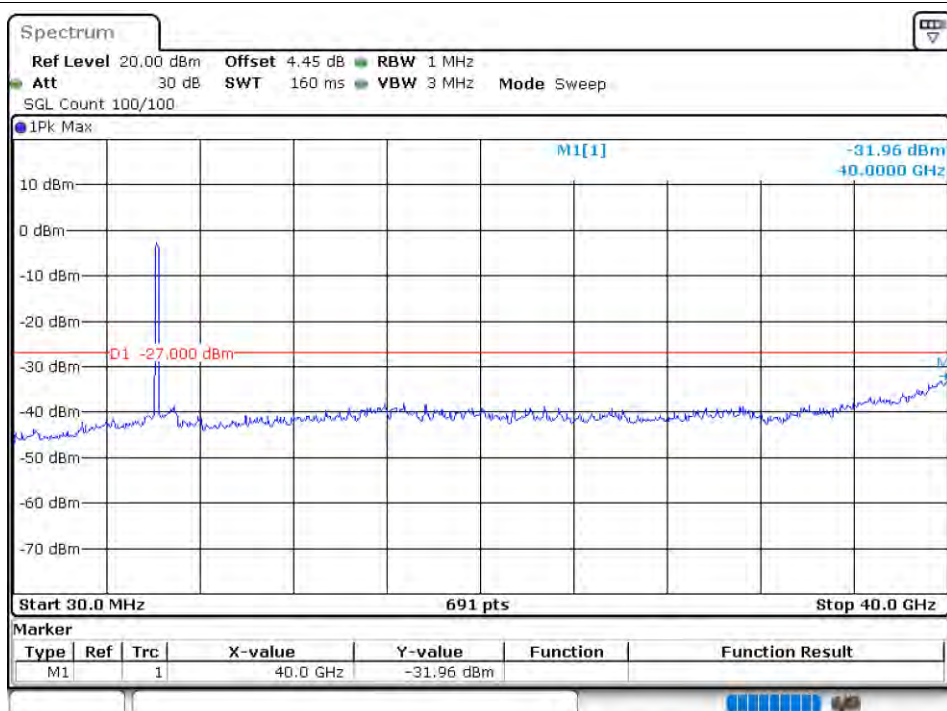
Tx. Spurious NVNT ax160 6345MHz Ant1 Emission



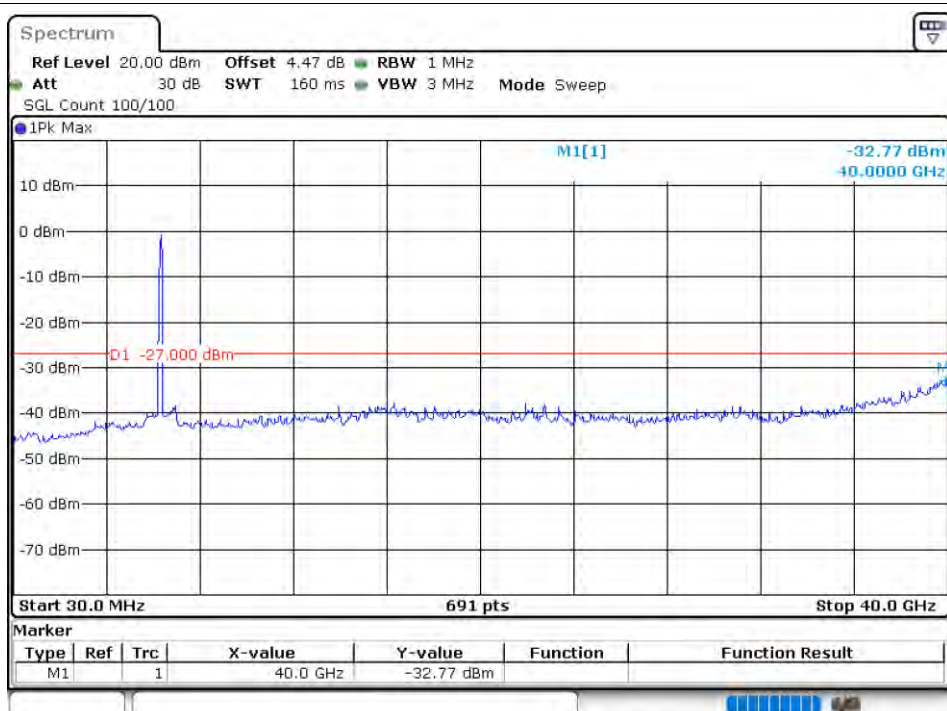
Tx. Spurious NVNT ax160 6025MHz Ant2 Emission



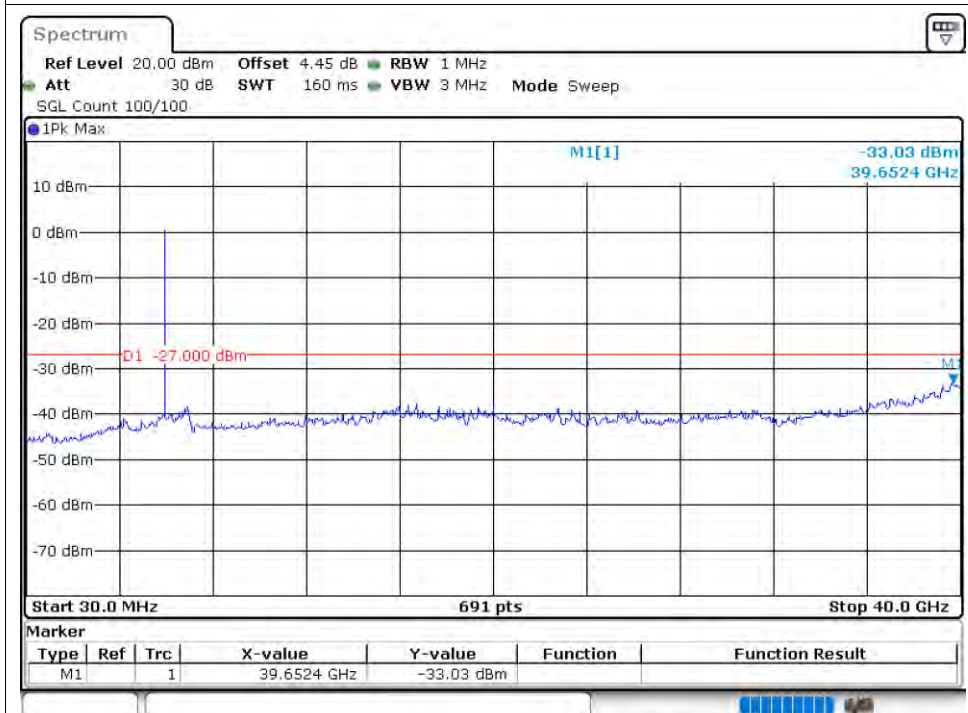
Tx. Spurious NVNT ax160 6185MHz Ant2 Emission



Tx. Spurious NVNT ax160 6345MHz Ant2 Emission



Tx. Spurious NVNT ax20 5955MHz Ant1 Emission



Tx. Spurious NVNT ax20 6175MHz Ant1 Emission

