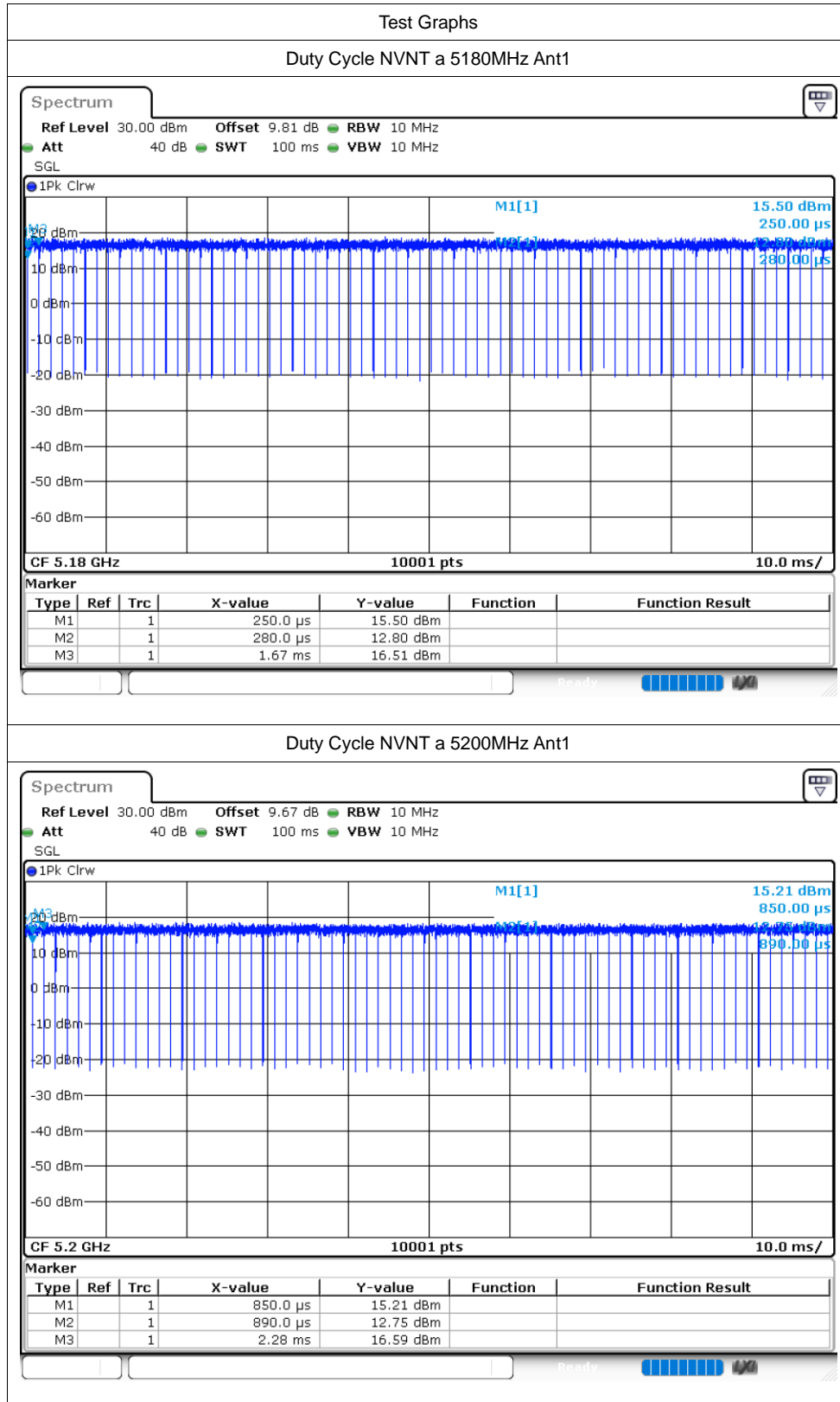
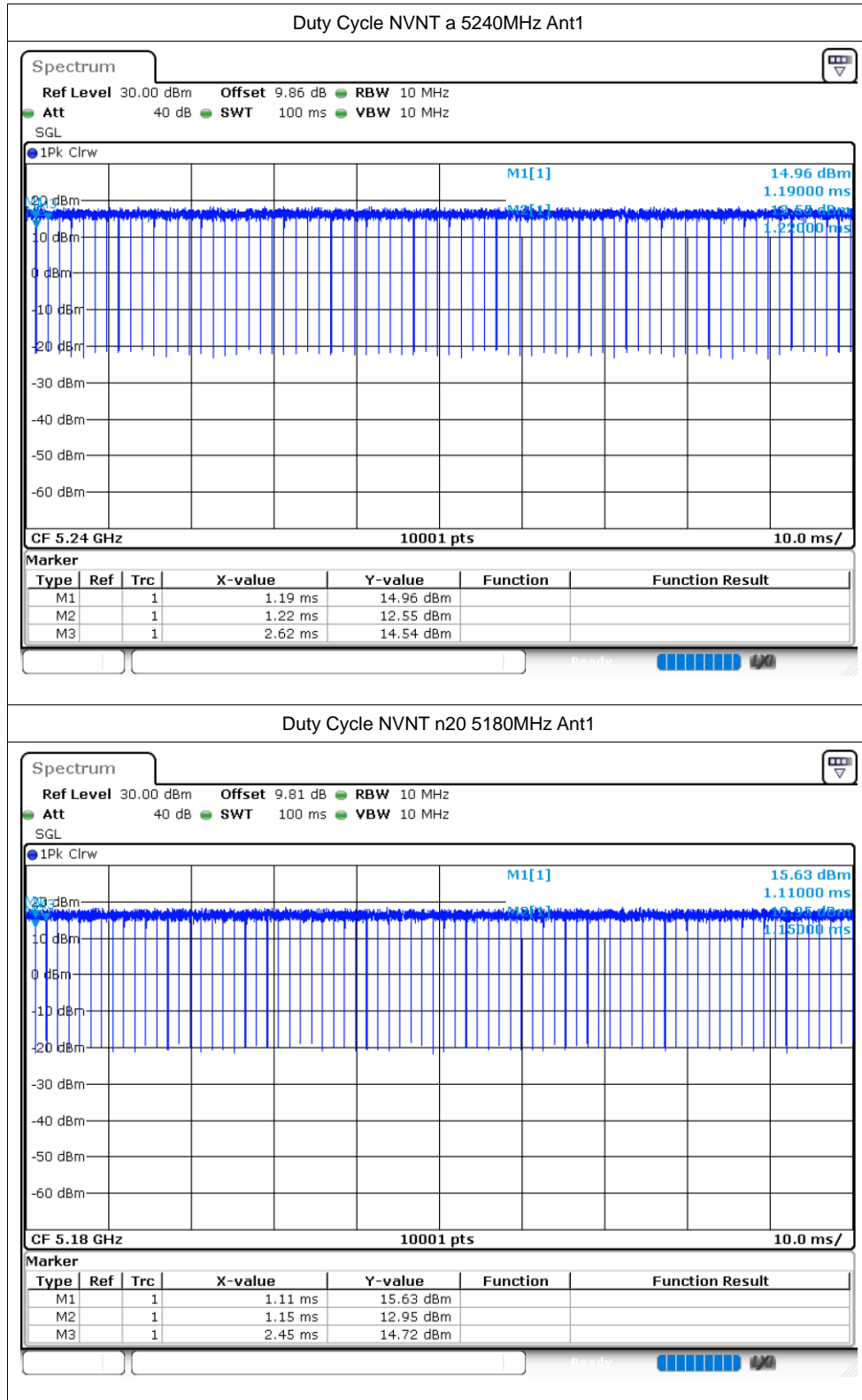


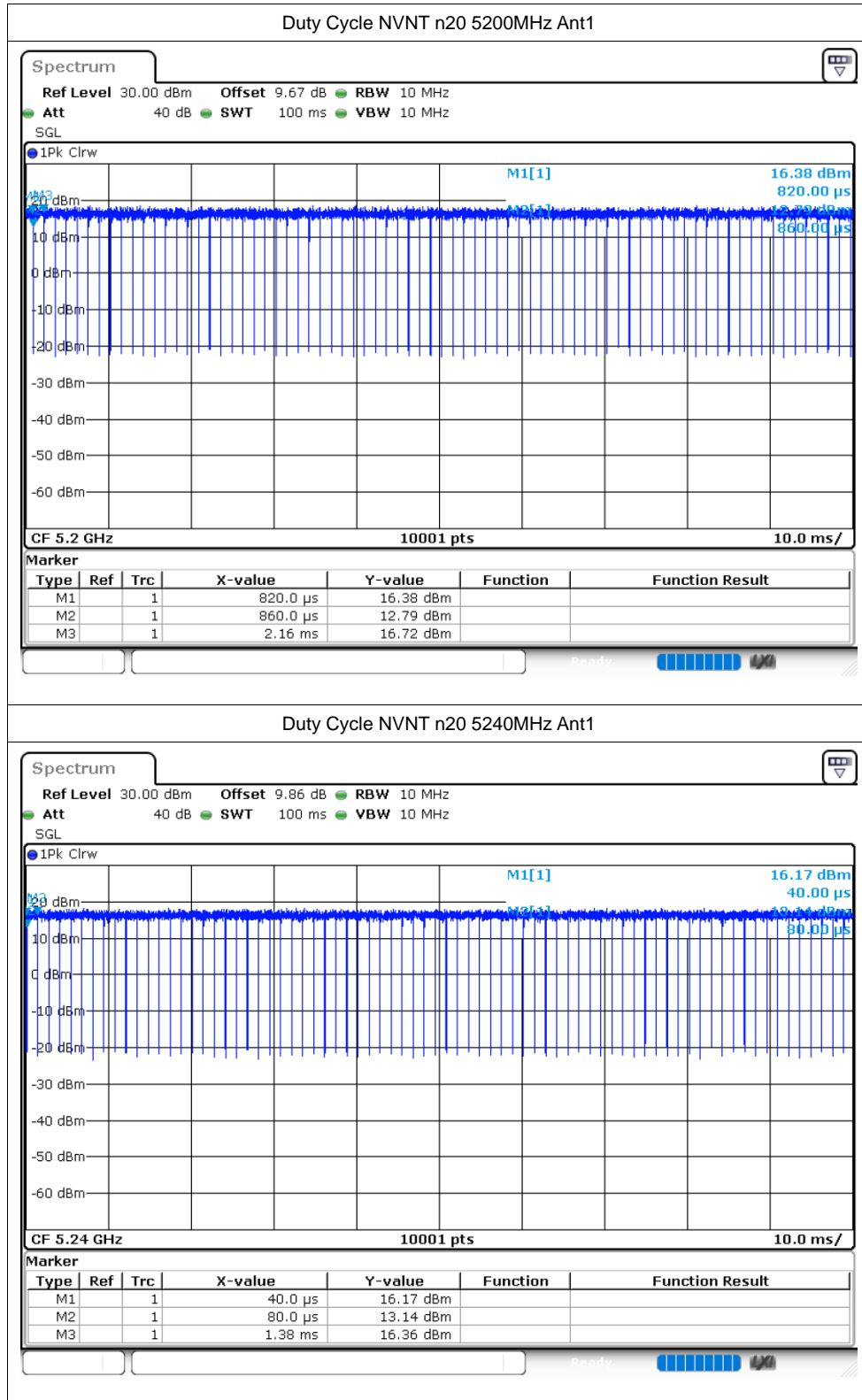
5.2G:

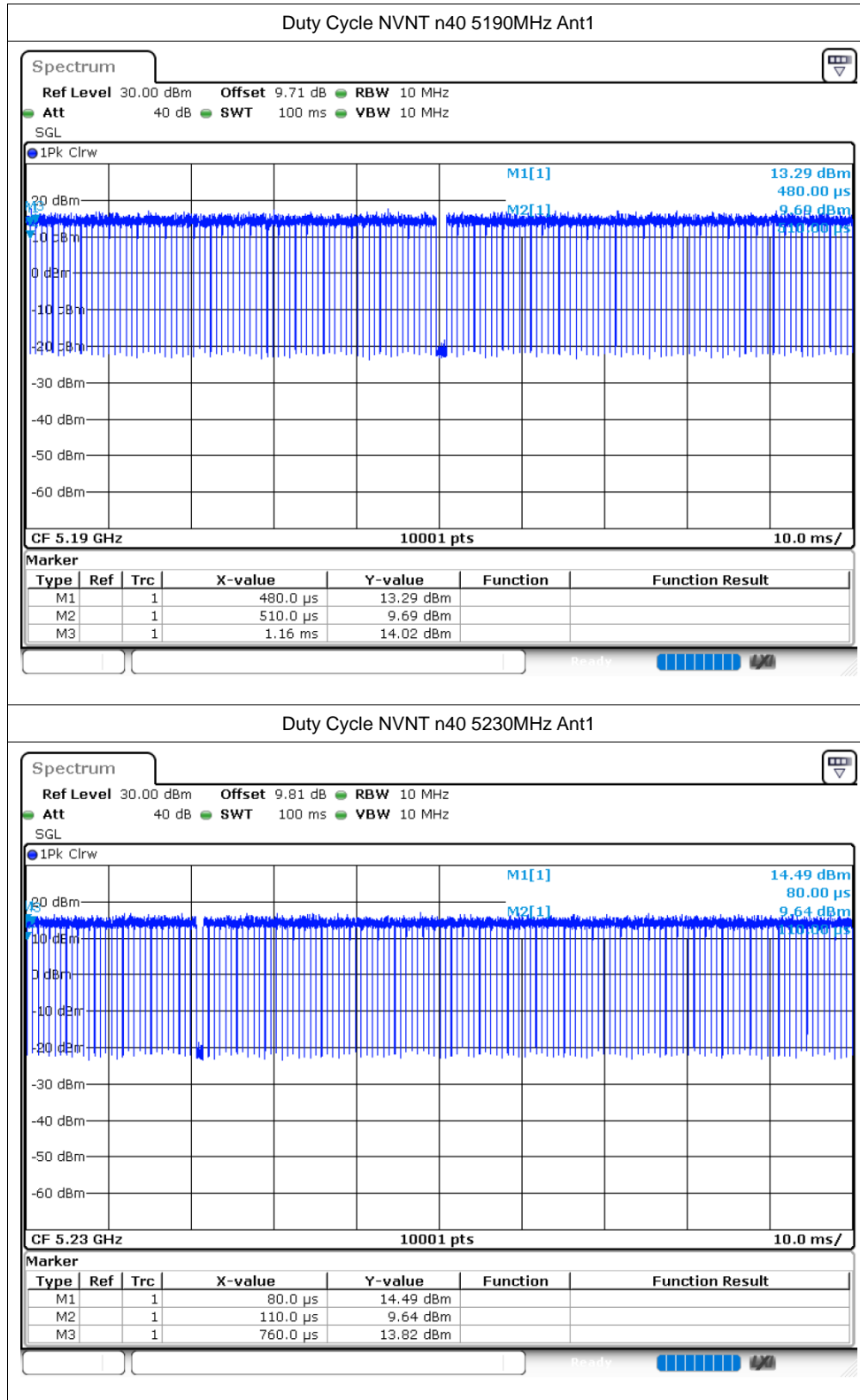
Duty Cycle

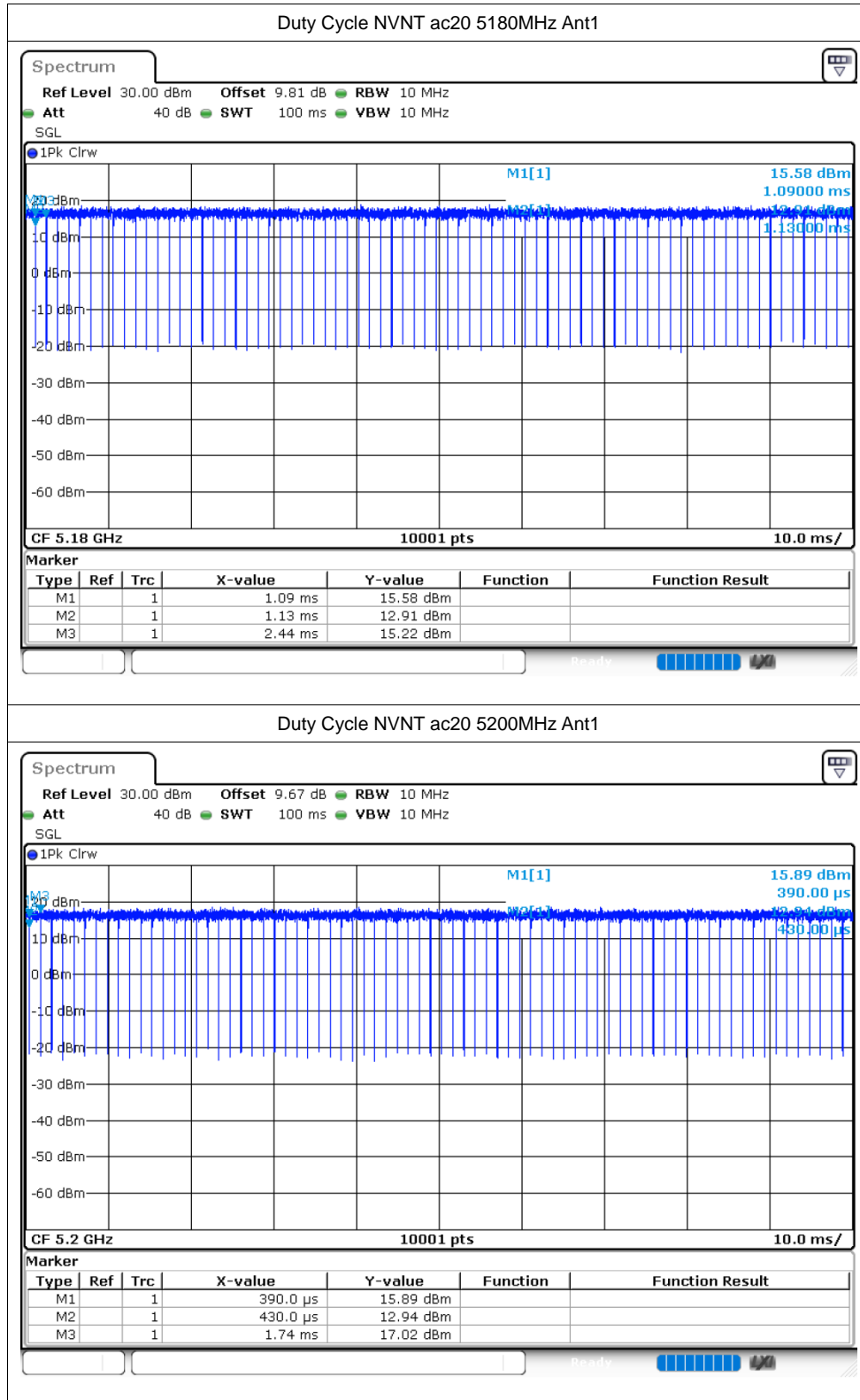
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	98.2	0.08	0.72
NVNT	a	5200	Ant1	98.2	0.08	0.72
NVNT	a	5240	Ant1	98.15	0.08	0.71
NVNT	n20	5180	Ant1	98.06	0.09	0.77
NVNT	n20	5200	Ant1	98.06	0.09	0.77
NVNT	n20	5240	Ant1	98.06	0.09	0.77
NVNT	n40	5190	Ant1	95.23	0.21	1.54
NVNT	n40	5230	Ant1	95.51	0.2	1.54
NVNT	ac20	5180	Ant1	98.1	0.08	0.76
NVNT	ac20	5200	Ant1	98.1	0.08	0.76
NVNT	ac20	5240	Ant1	98.1	0.08	0.76
NVNT	ac40	5190	Ant1	95.43	0.2	1.54
NVNT	ac40	5230	Ant1	95.24	0.21	1.54
NVNT	ac80	5210	Ant1	89.5	0.48	3.03

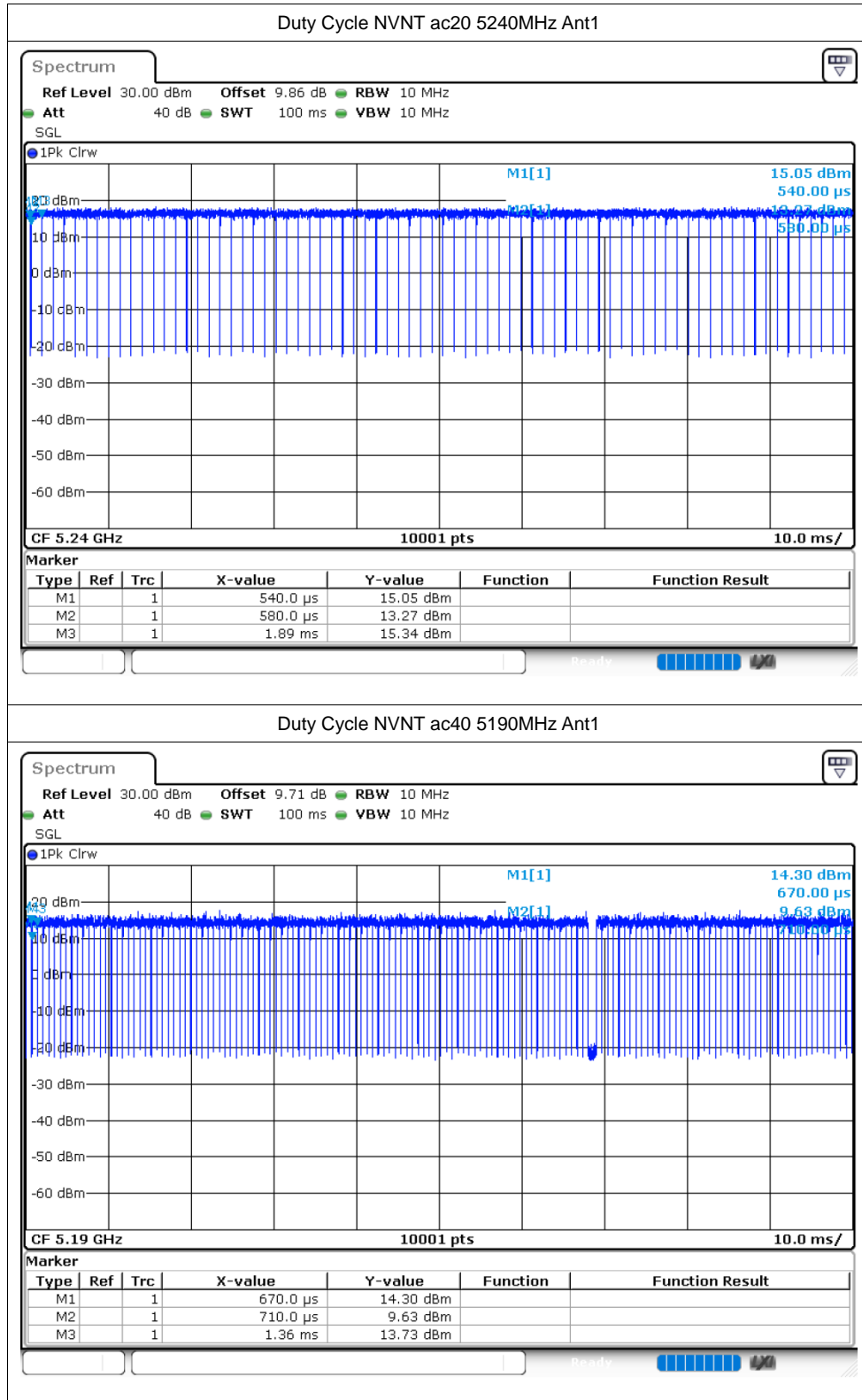


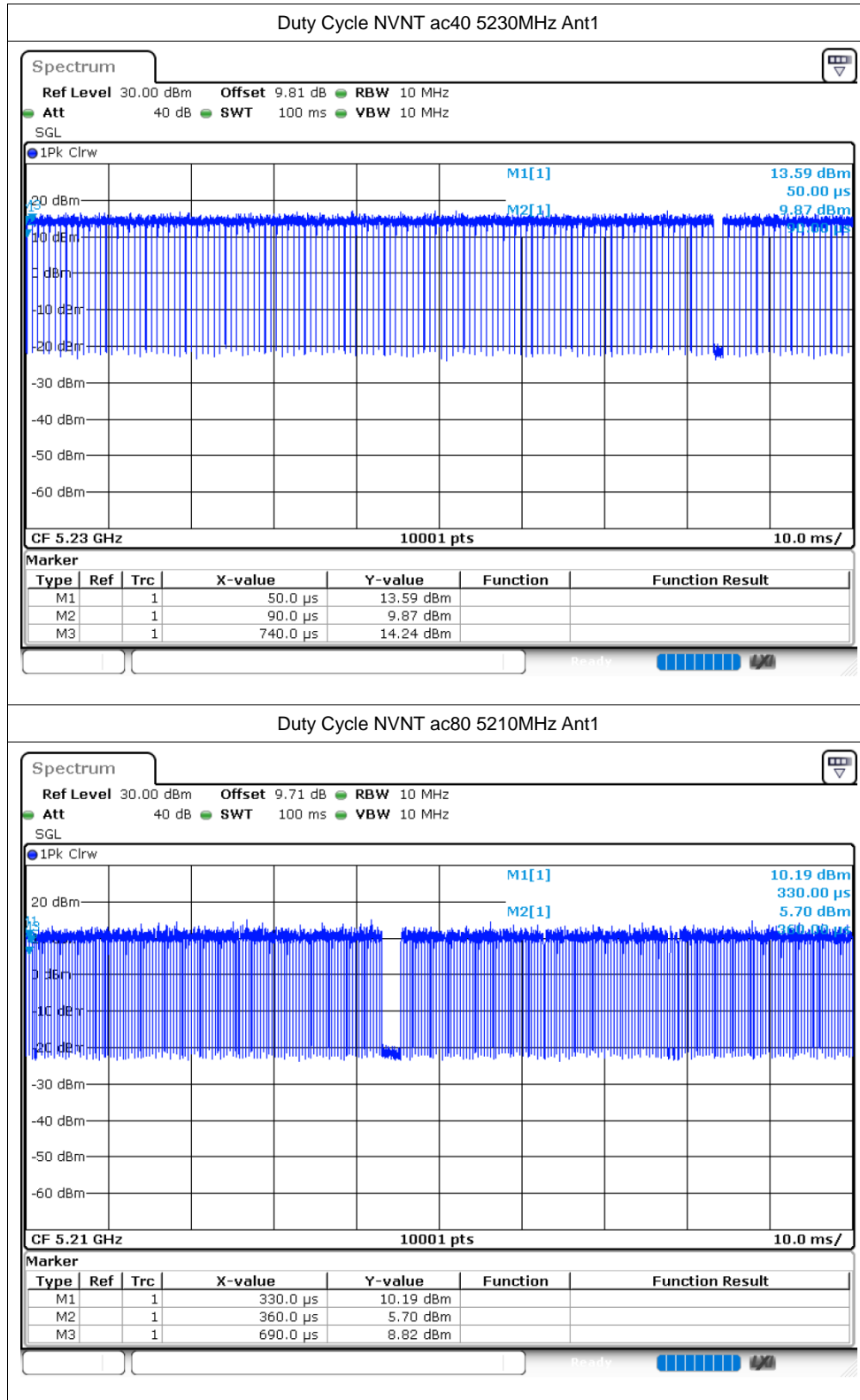












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.14	0.08	10.22	24	Pass
NVNT	a	5200	Ant1	10.49	0.08	10.57	24	Pass
NVNT	a	5240	Ant1	10.12	0.08	10.2	24	Pass
NVNT	n20	5180	Ant1	10.05	0.09	10.14	24	Pass
NVNT	n20	5200	Ant1	10.3	0.09	10.39	24	Pass
NVNT	n20	5240	Ant1	10	0.09	10.09	24	Pass
NVNT	n40	5190	Ant1	10.37	0.21	10.58	24	Pass
NVNT	n40	5230	Ant1	10.23	0.2	10.43	24	Pass
NVNT	ac20	5180	Ant1	10.11	0.08	10.19	24	Pass
NVNT	ac20	5200	Ant1	10.36	0.08	10.44	24	Pass
NVNT	ac20	5240	Ant1	10	0.08	10.08	24	Pass
NVNT	ac40	5190	Ant1	10.4	0.2	10.6	24	Pass
NVNT	ac40	5230	Ant1	10.2	0.21	10.41	24	Pass
NVNT	ac80	5210	Ant1	10.17	0.48	10.65	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.076	Pass
NVNT	a	5200	Ant1	19.794	Pass
NVNT	a	5240	Ant1	19.863	Pass
NVNT	n20	5180	Ant1	20.196	Pass
NVNT	n20	5200	Ant1	20.415	Pass
NVNT	n20	5240	Ant1	20.691	Pass
NVNT	n40	5190	Ant1	53.478	Pass
NVNT	n40	5230	Ant1	56.142	Pass
NVNT	ac20	5180	Ant1	20.418	Pass
NVNT	ac20	5200	Ant1	20.043	Pass
NVNT	ac20	5240	Ant1	20.454	Pass
NVNT	ac40	5190	Ant1	41.148	Pass
NVNT	ac40	5230	Ant1	52.776	Pass
NVNT	ac80	5210	Ant1	101.976	Pass

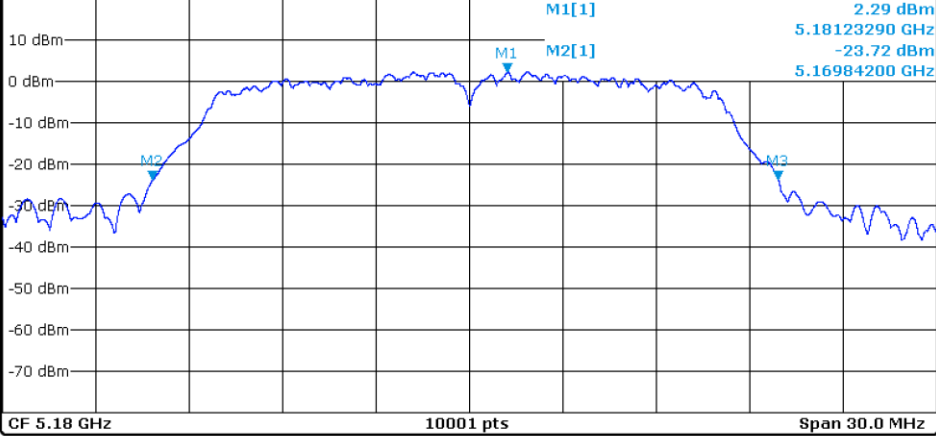
Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 9.81 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

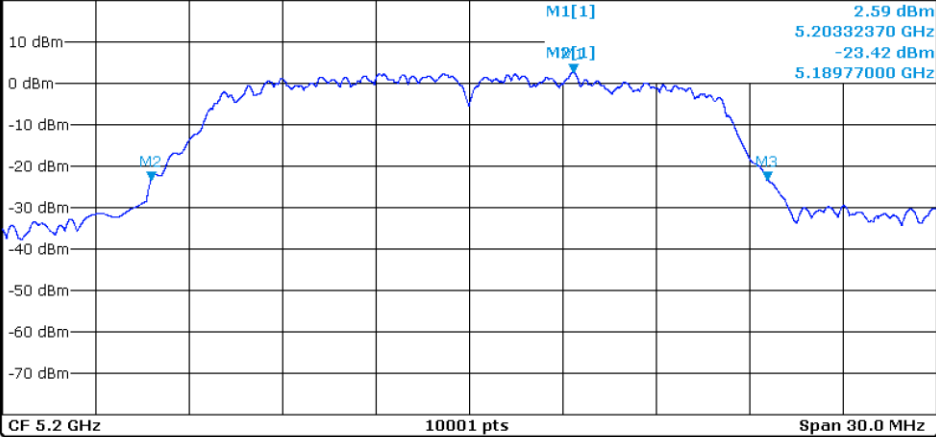
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1812329 GHz	2.29 dBm		
M2	1		5.169842 GHz	-23.72 dBm		
M3	1		5.169842 GHz	-23.69 dBm		

-26dB Bandwidth NVNT a 5200MHz Ant1

Spectrum

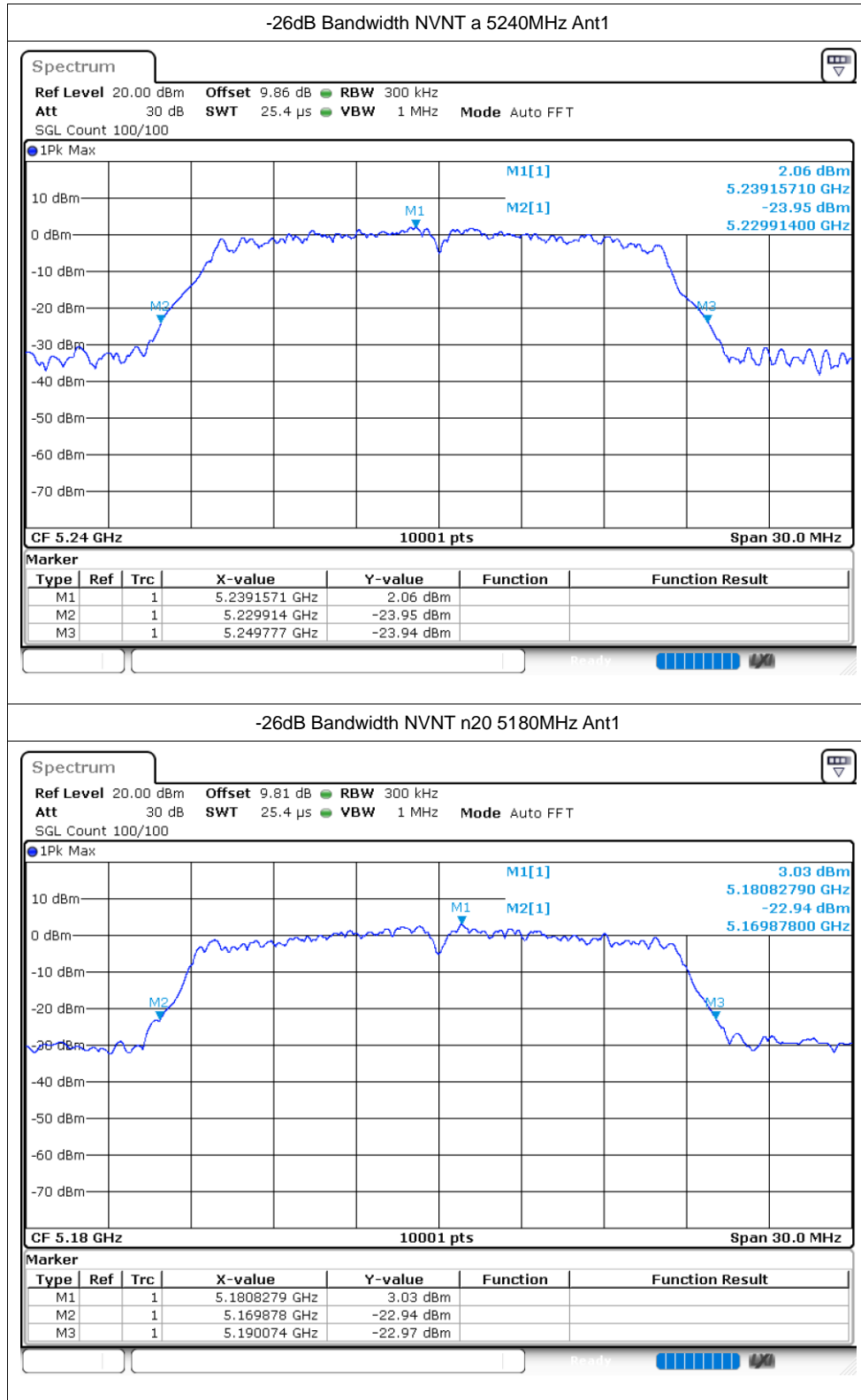
Ref Level 20.00 dBm Offset 9.67 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

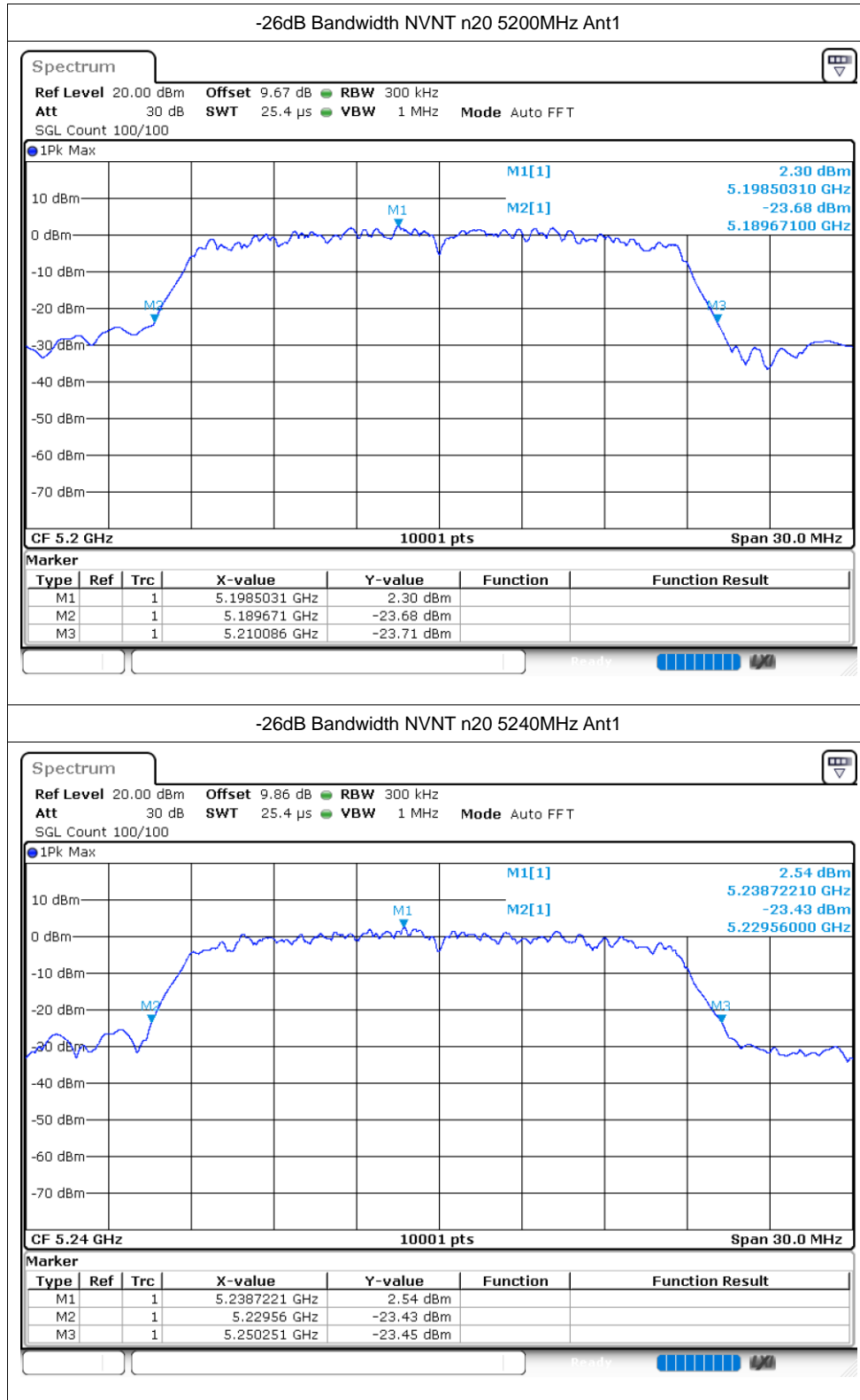
1Pk Max

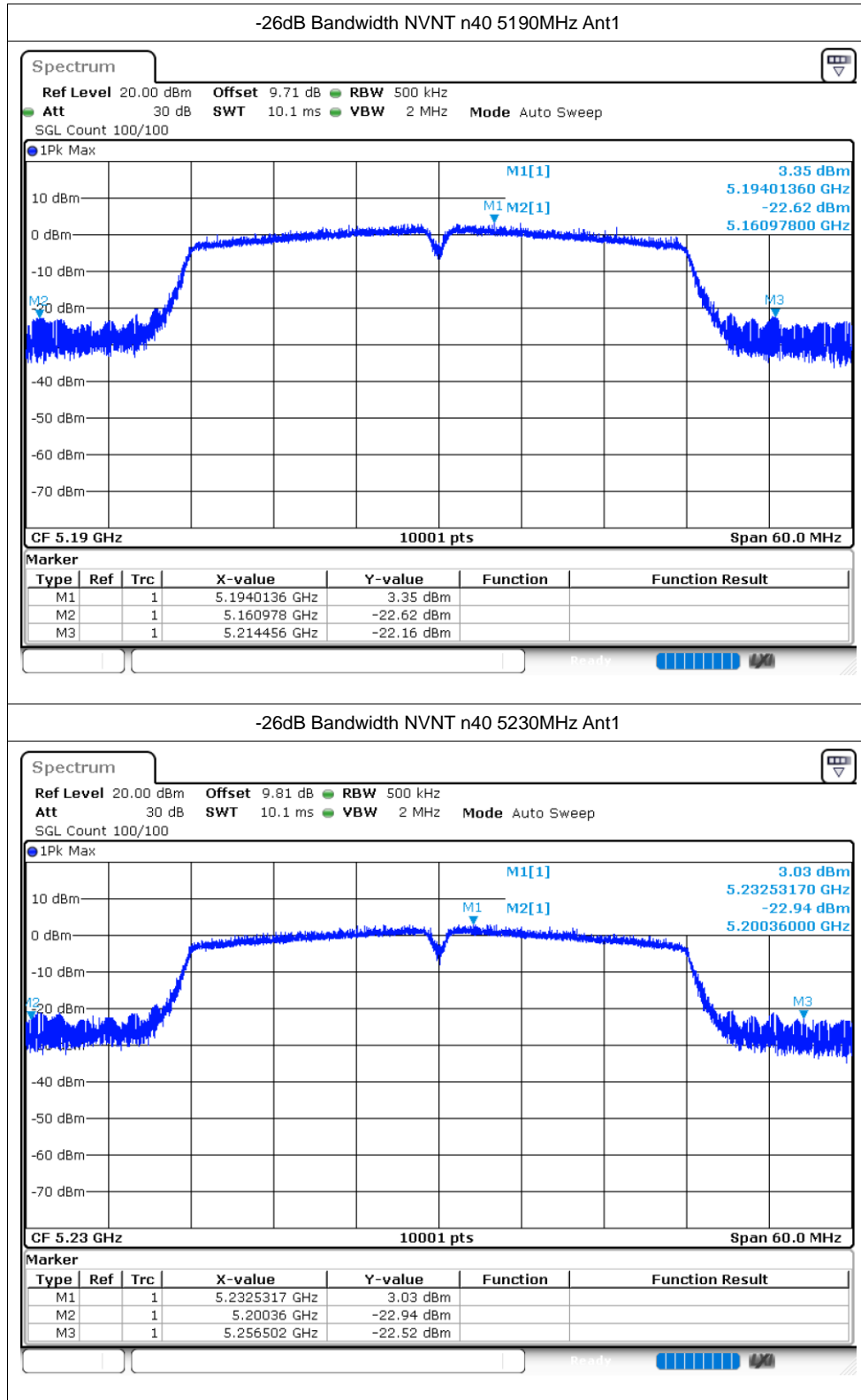


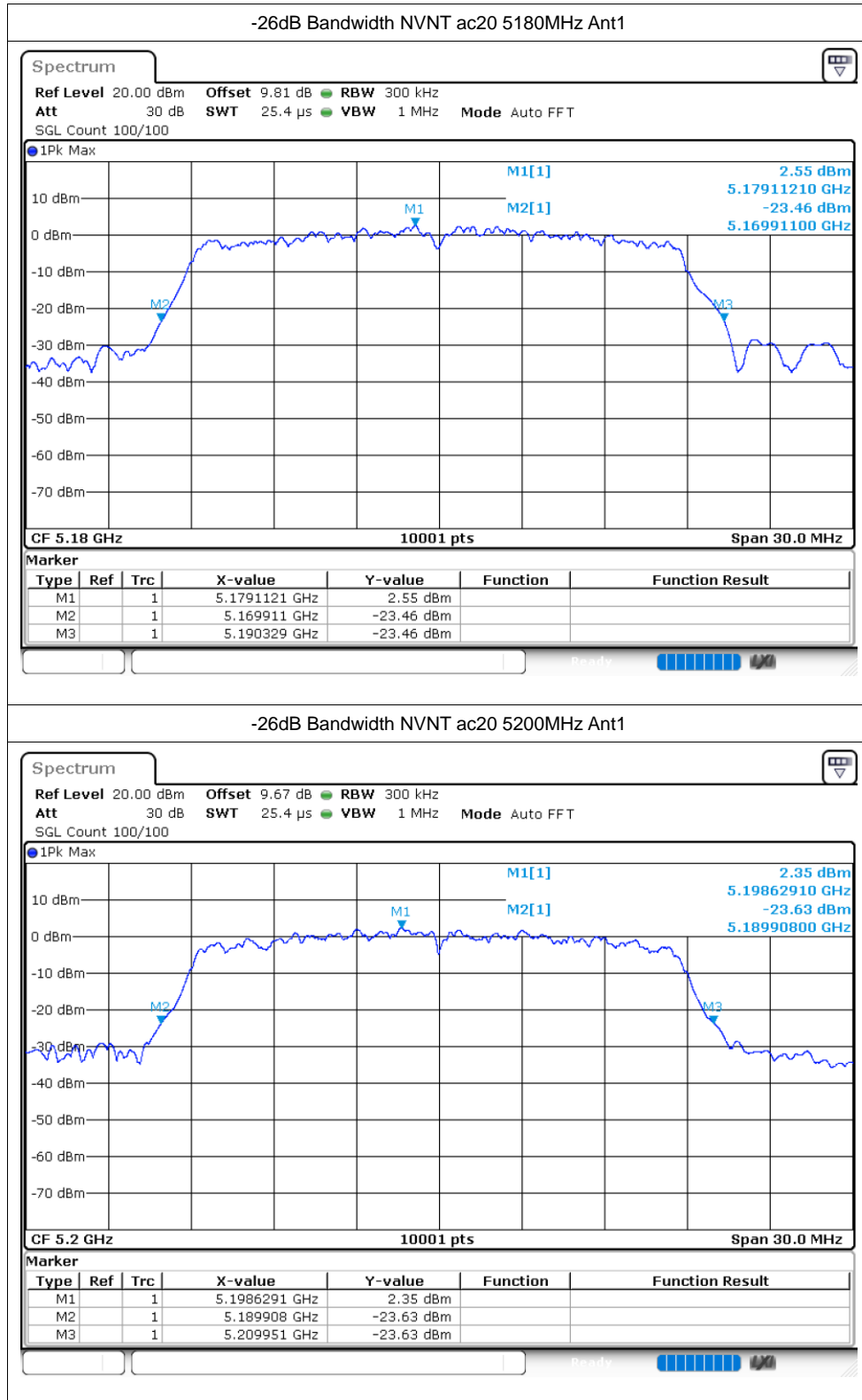
Marker

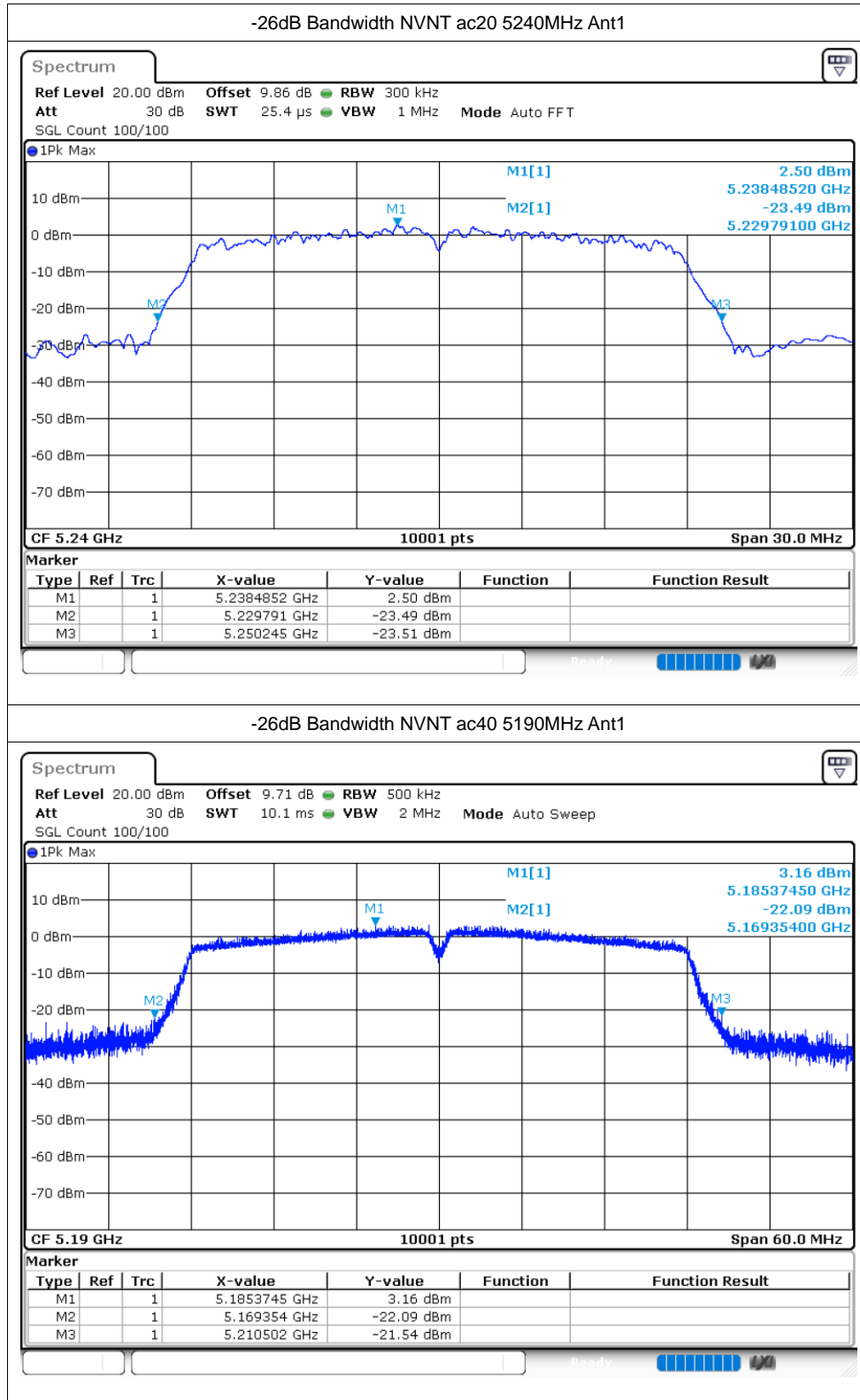
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.2033237 GHz	2.59 dBm		
M2	1		5.18977 GHz	-23.42 dBm		
M3	1		5.209564 GHz	-23.42 dBm		

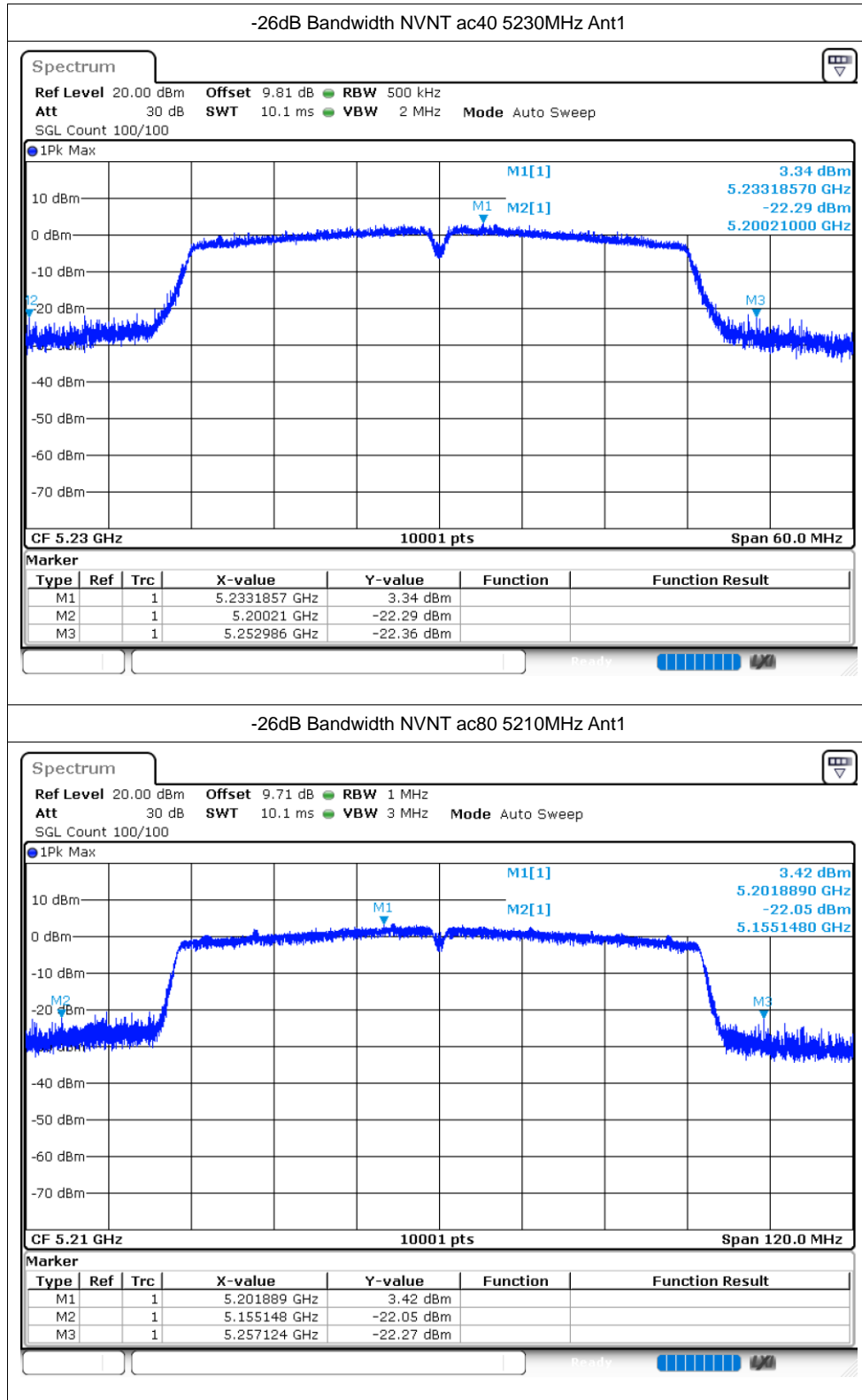










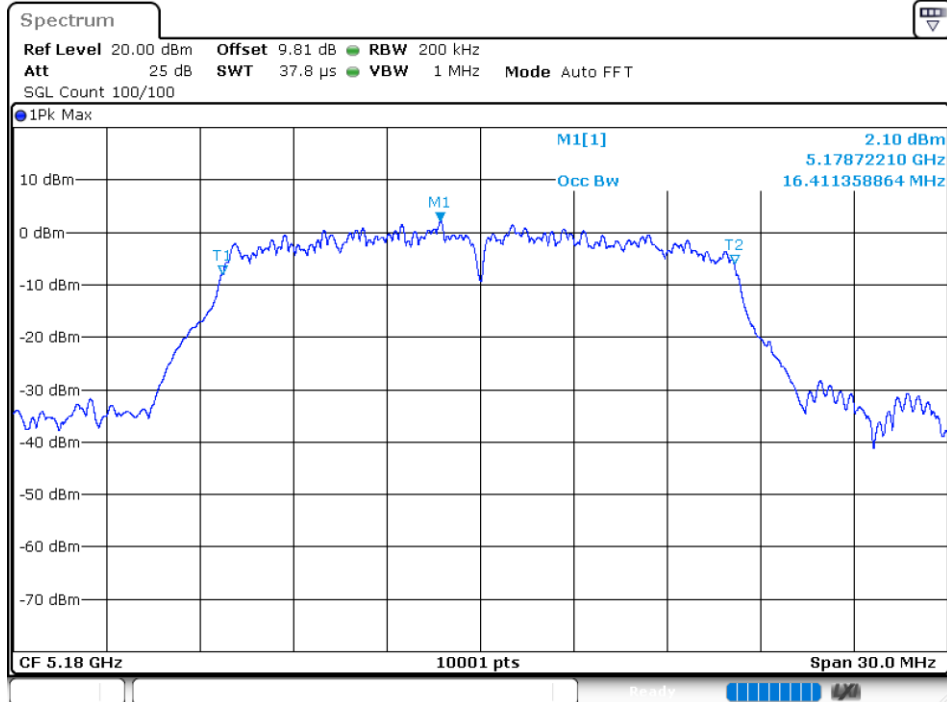


Occupied Channel Bandwidth

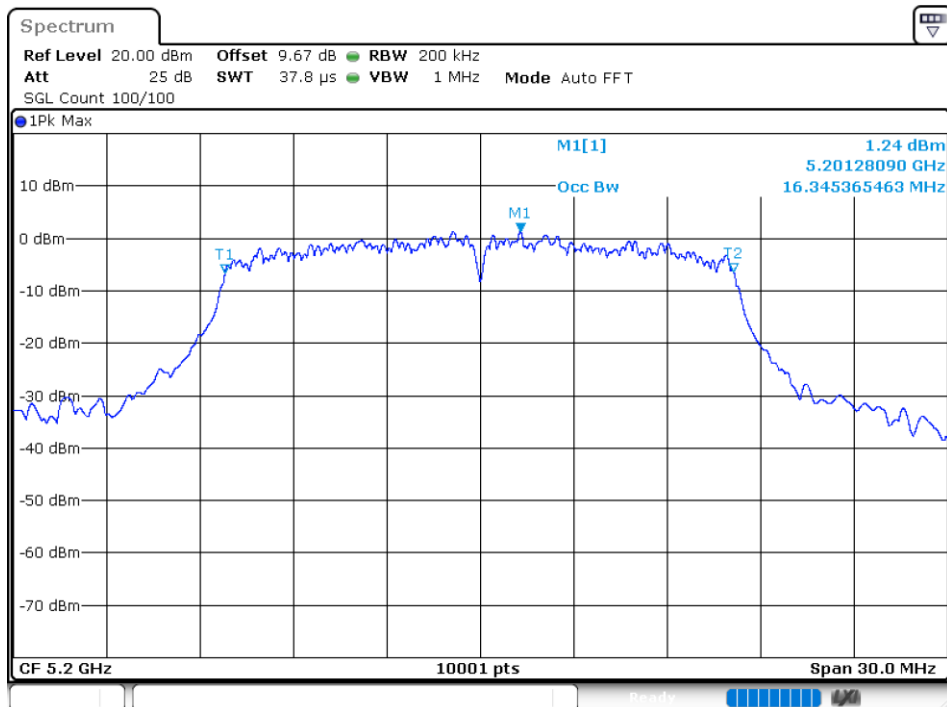
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.411
NVNT	a	5200	Ant1	16.345
NVNT	a	5240	Ant1	16.507
NVNT	n20	5180	Ant1	17.536
NVNT	n20	5200	Ant1	17.53
NVNT	n20	5240	Ant1	17.593
NVNT	n40	5190	Ant1	36.086
NVNT	n40	5230	Ant1	36.14
NVNT	ac20	5180	Ant1	17.623
NVNT	ac20	5200	Ant1	17.509
NVNT	ac20	5240	Ant1	17.572
NVNT	ac40	5190	Ant1	36.05
NVNT	ac40	5230	Ant1	36.08
NVNT	ac80	5210	Ant1	75.232

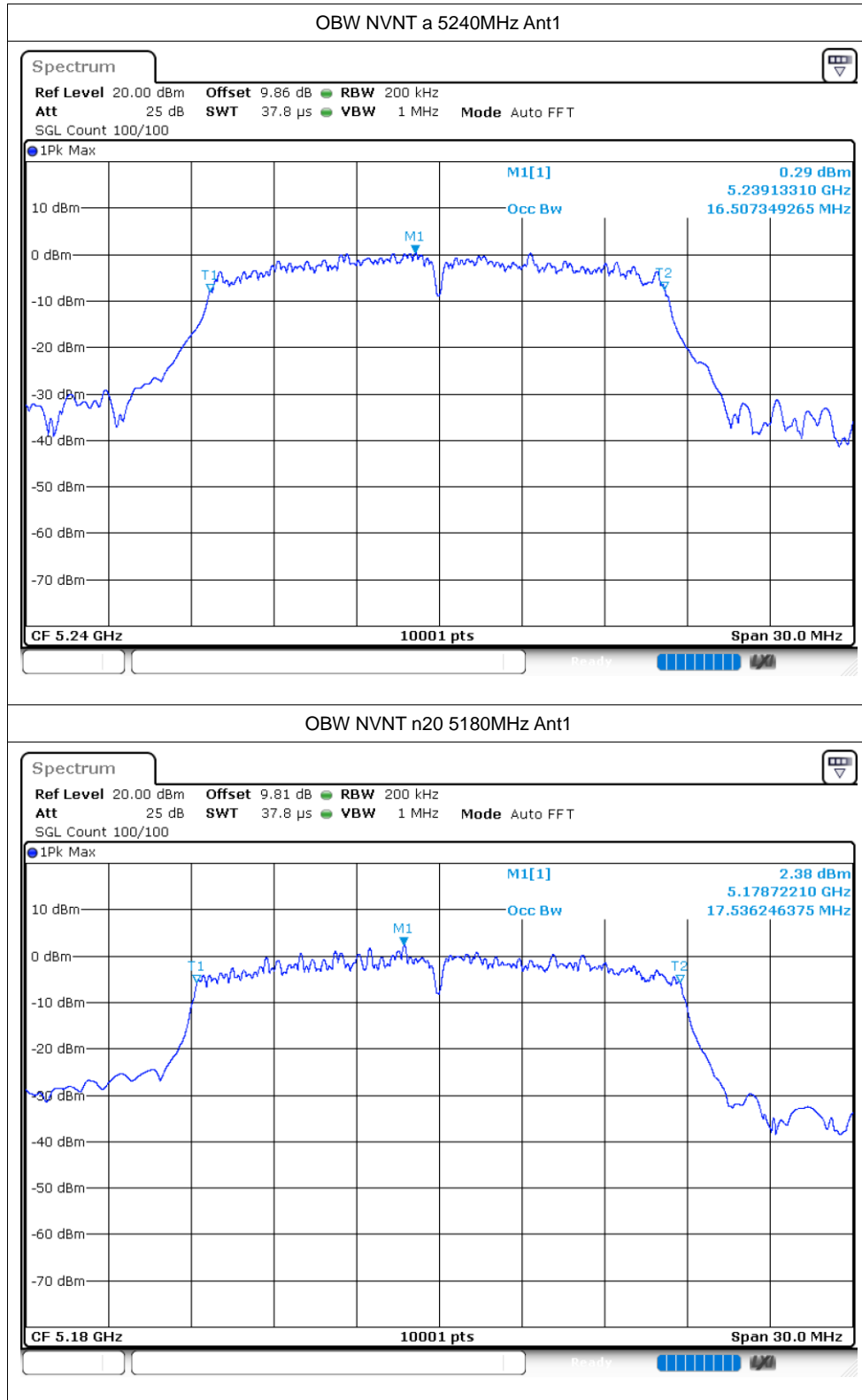
Test Graphs

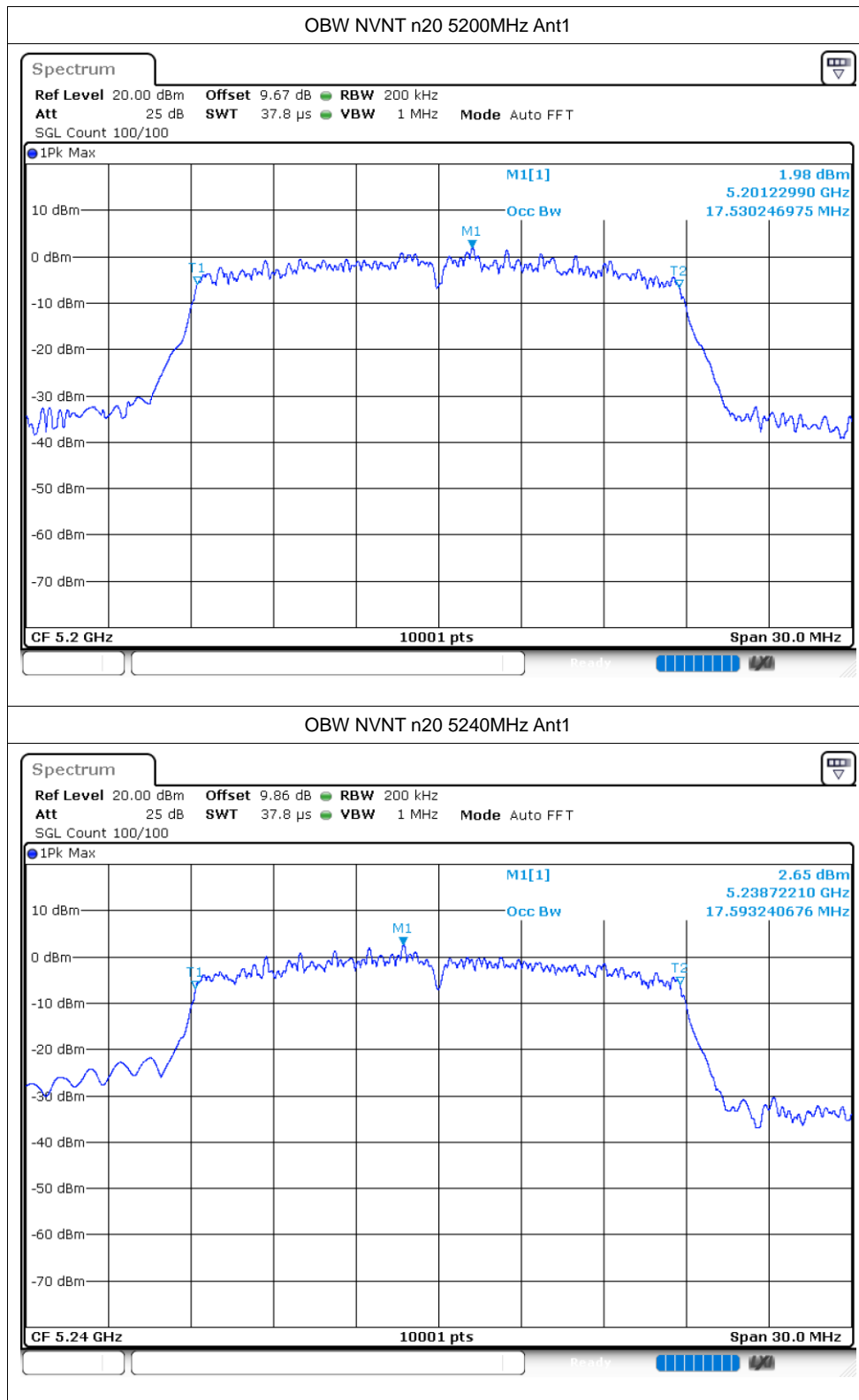
OBW NVNT a 5180MHz Ant1

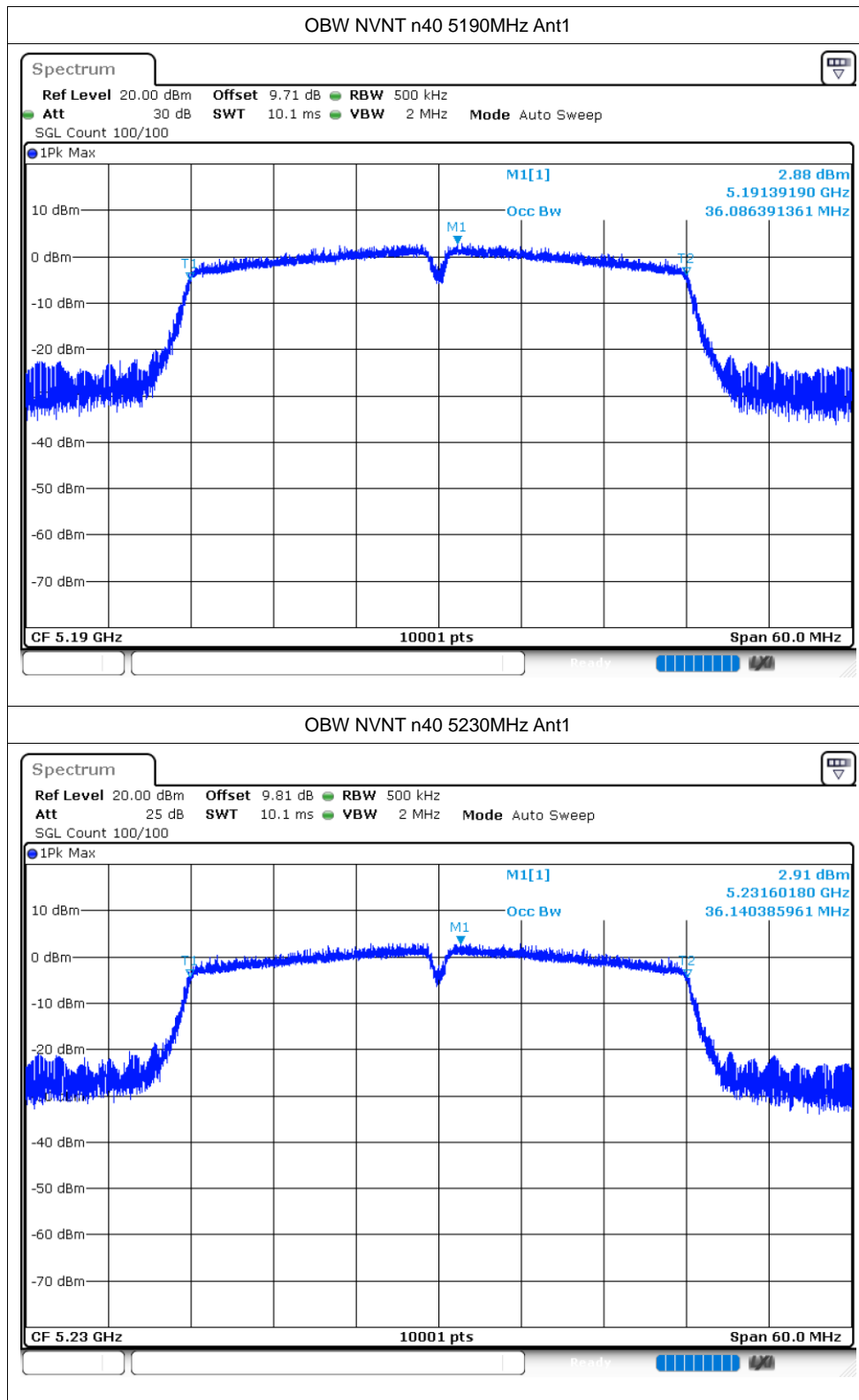


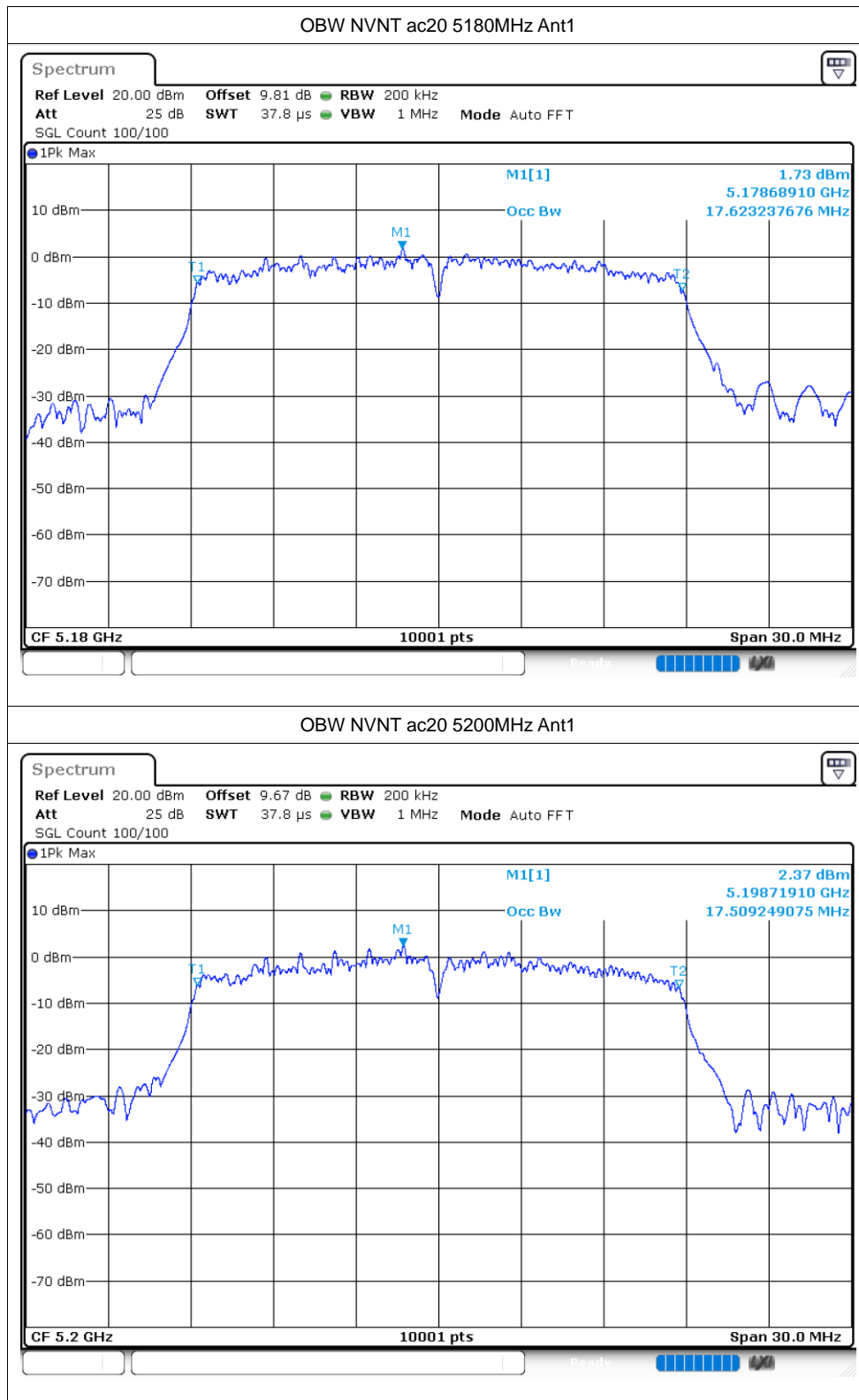
OBW NVNT a 5200MHz Ant1

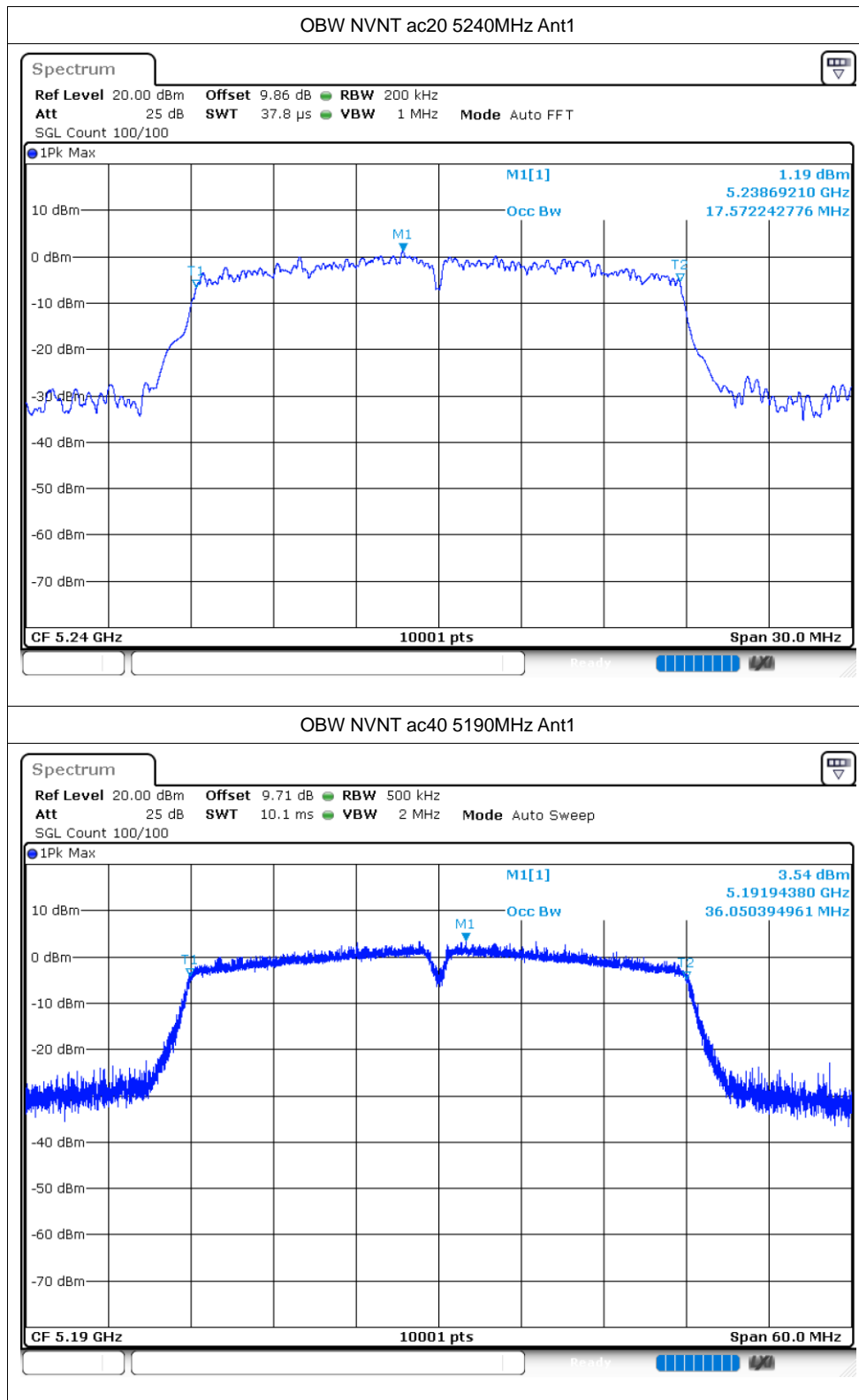


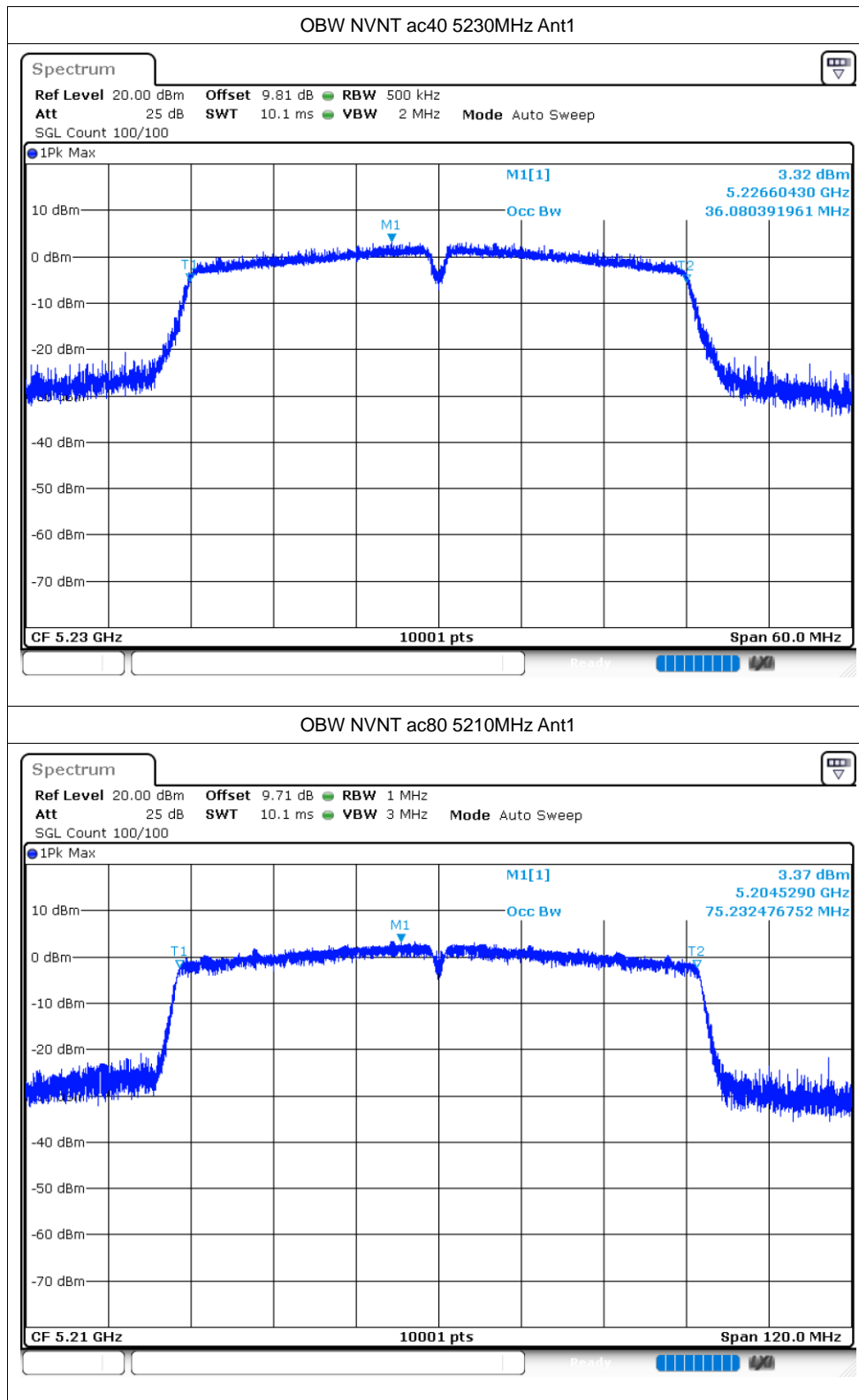










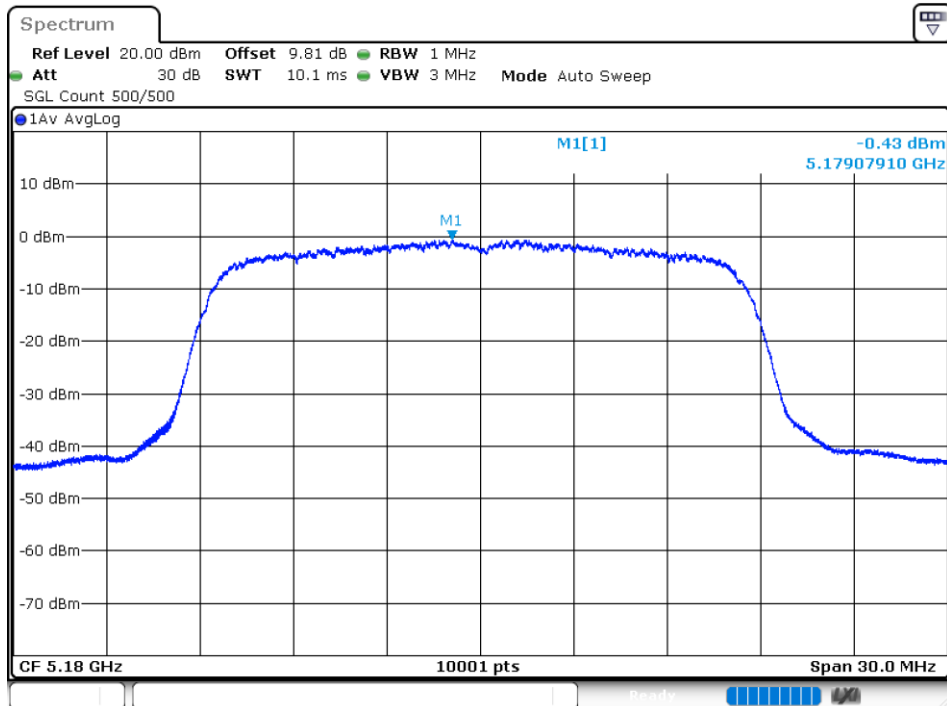


Maximum Power Spectral Density Level

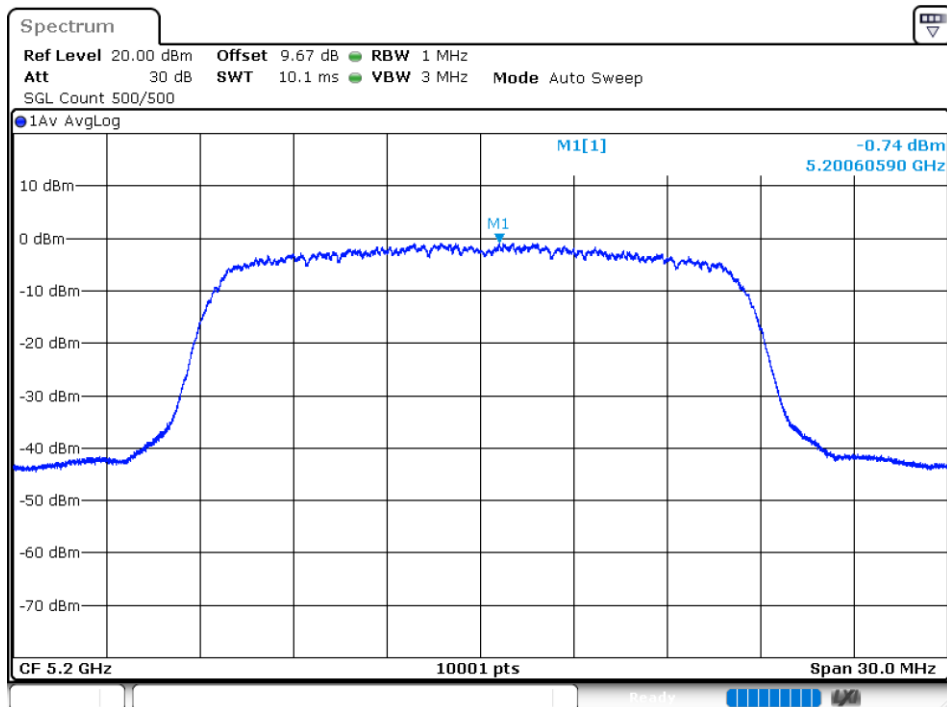
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-0.43	0.08	-0.35	11	Pass
NVNT	a	5200	Ant1	-0.74	0.08	-0.66	11	Pass
NVNT	a	5240	Ant1	-1.25	0.08	-1.17	11	Pass
NVNT	n20	5180	Ant1	-0.69	0.09	-0.6	11	Pass
NVNT	n20	5200	Ant1	-1.11	0.09	-1.02	11	Pass
NVNT	n20	5240	Ant1	-0.92	0.09	-0.83	11	Pass
NVNT	n40	5190	Ant1	-5.2	0.21	-4.99	11	Pass
NVNT	n40	5230	Ant1	-3.3	0.2	-3.1	11	Pass
NVNT	ac20	5180	Ant1	-0.99	0.08	-0.91	11	Pass
NVNT	ac20	5200	Ant1	-1.21	0.08	-1.13	11	Pass
NVNT	ac20	5240	Ant1	-0.14	0.08	-0.06	11	Pass
NVNT	ac40	5190	Ant1	-4.96	0.2	-4.76	11	Pass
NVNT	ac40	5230	Ant1	-5.42	0.21	-5.21	11	Pass
NVNT	ac80	5210	Ant1	-10.48	0.48	-10	11	Pass

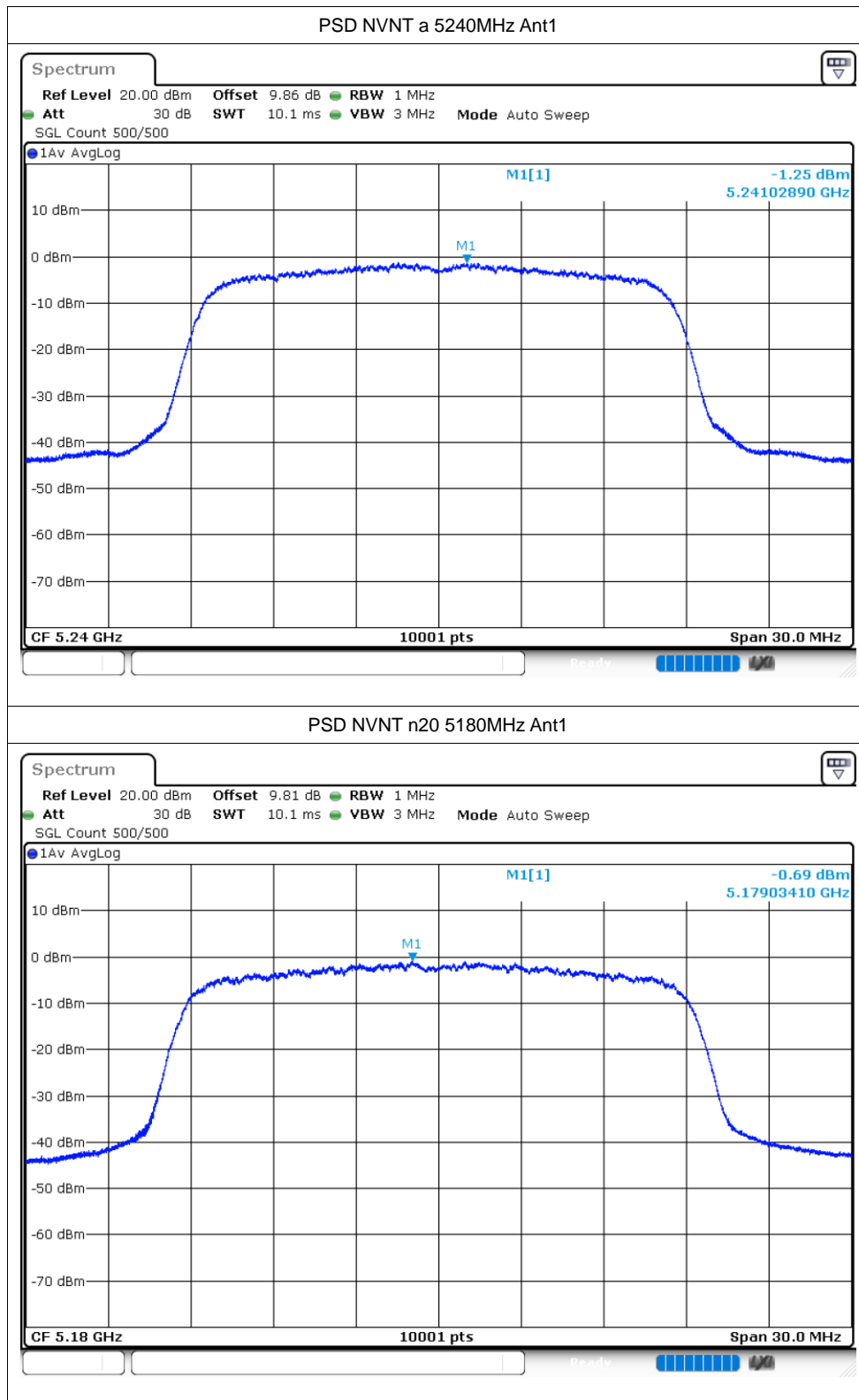
Test Graphs

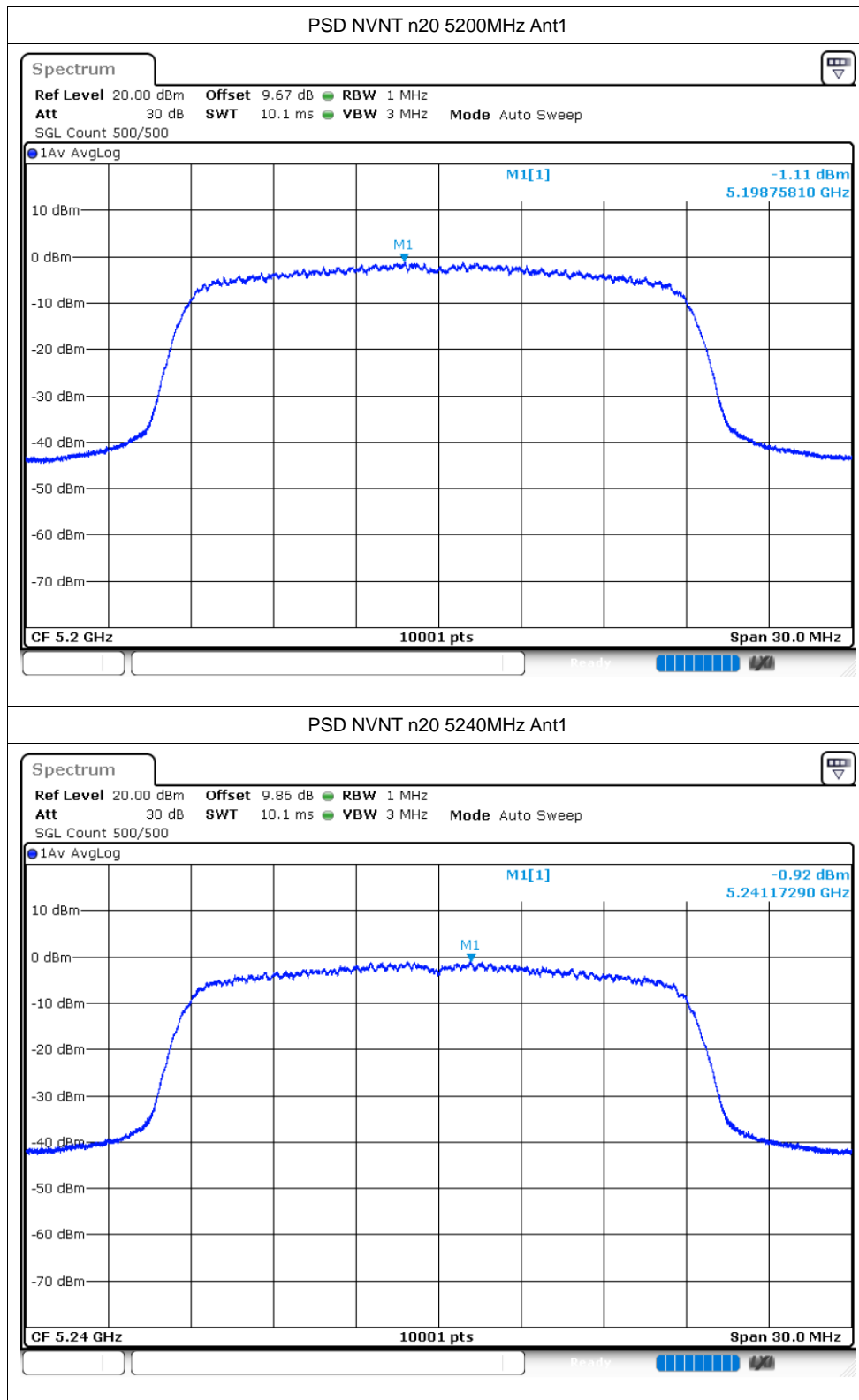
PSD NVNT a 5180MHz Ant1

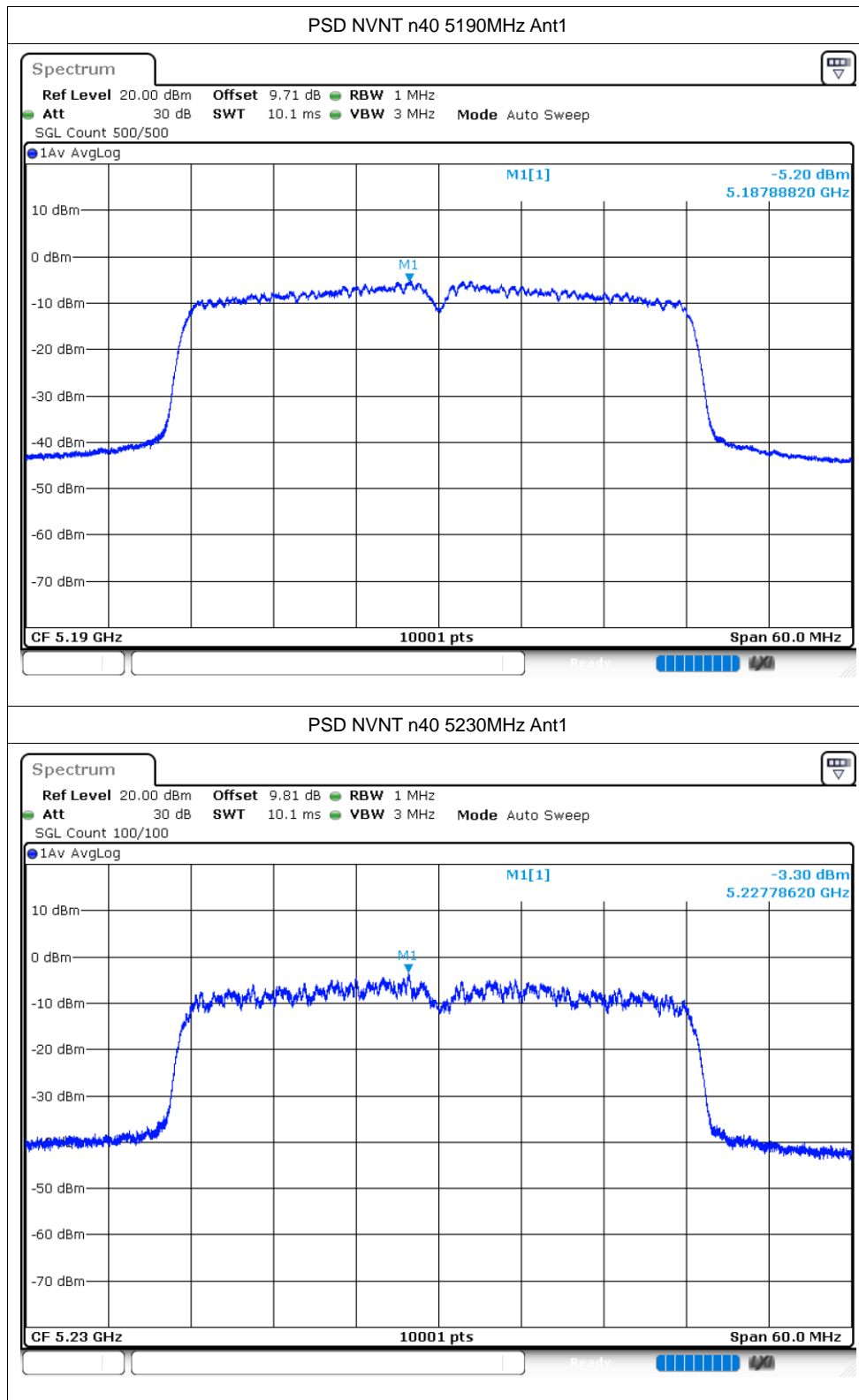


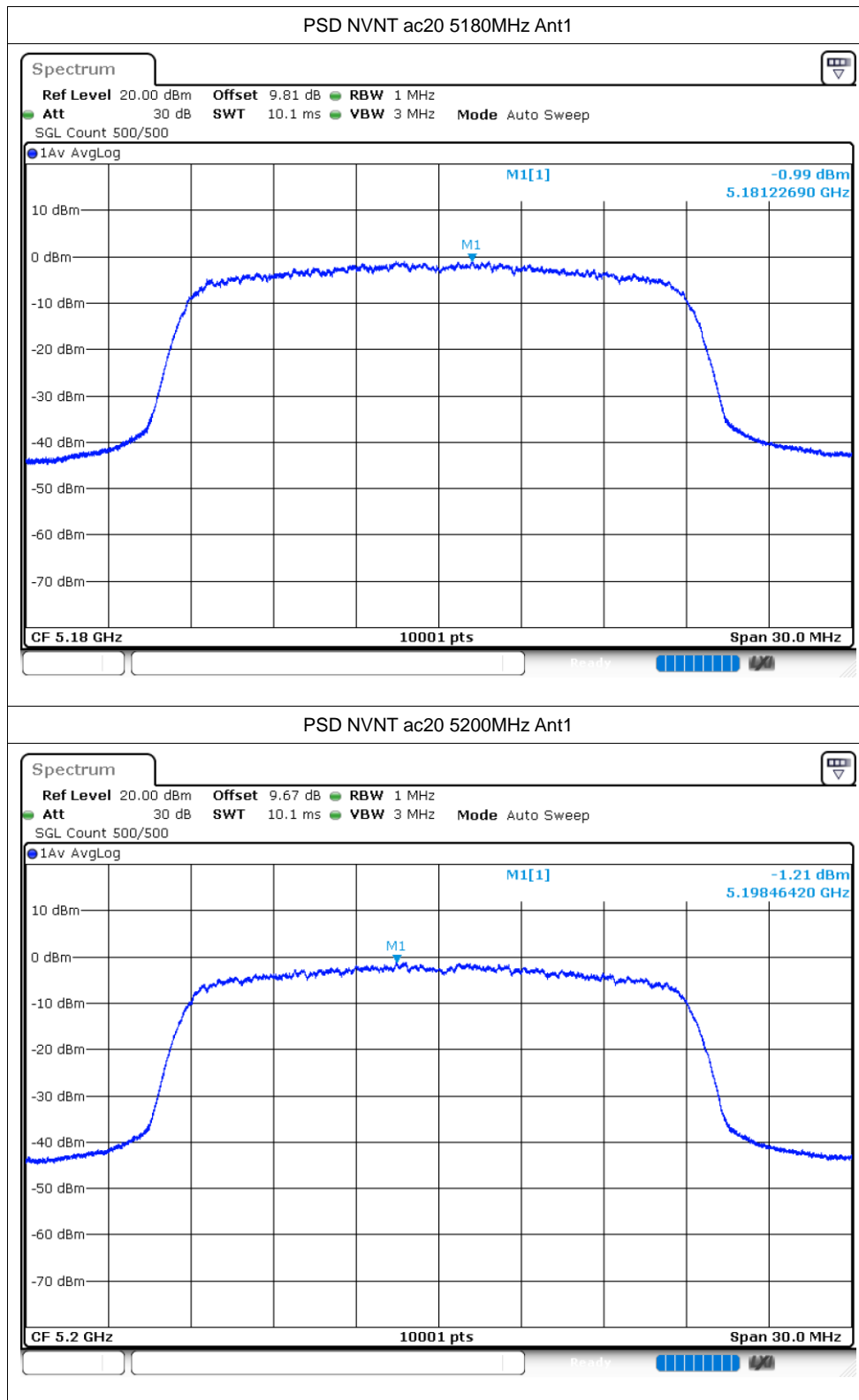
PSD NVNT a 5200MHz Ant1

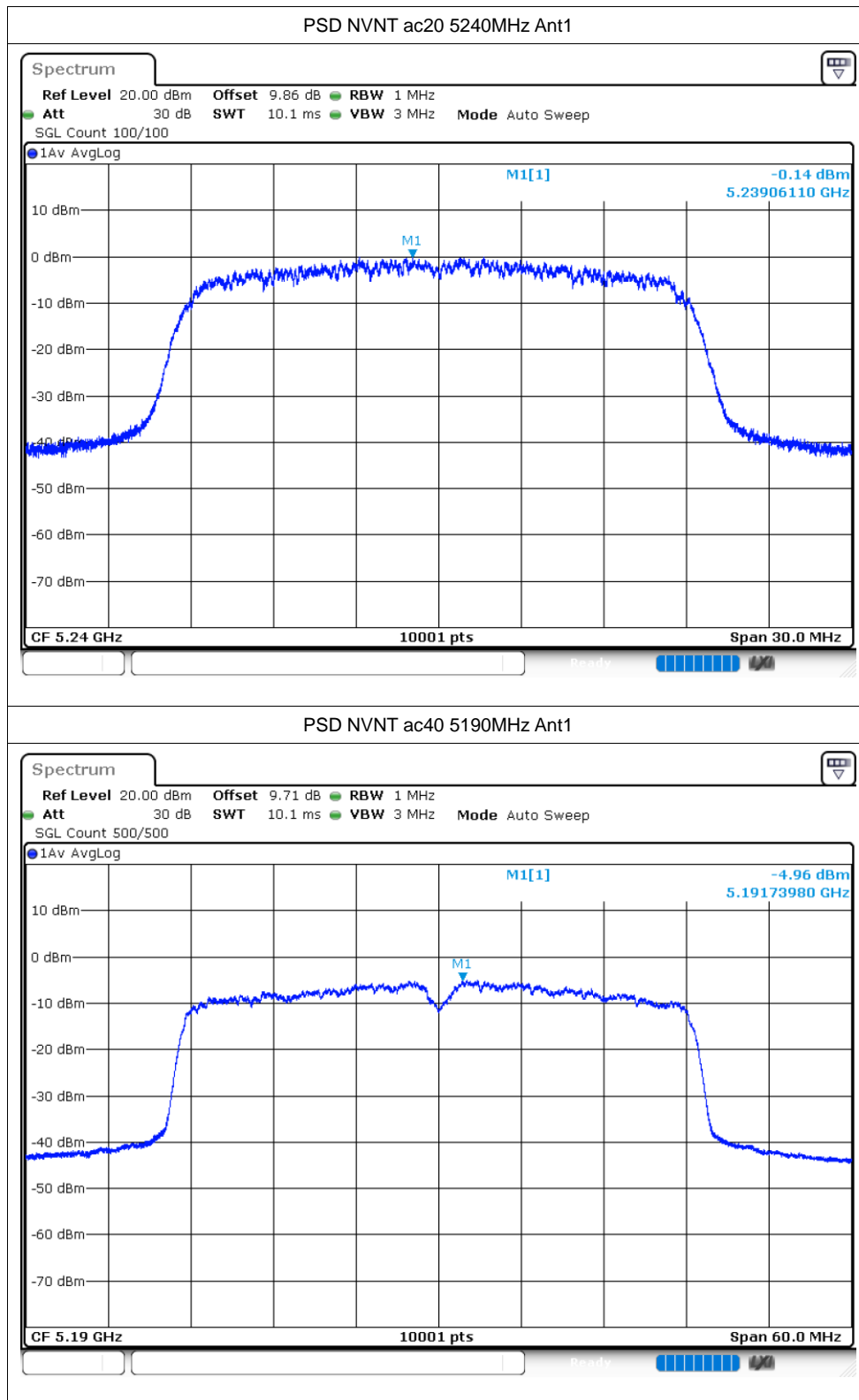


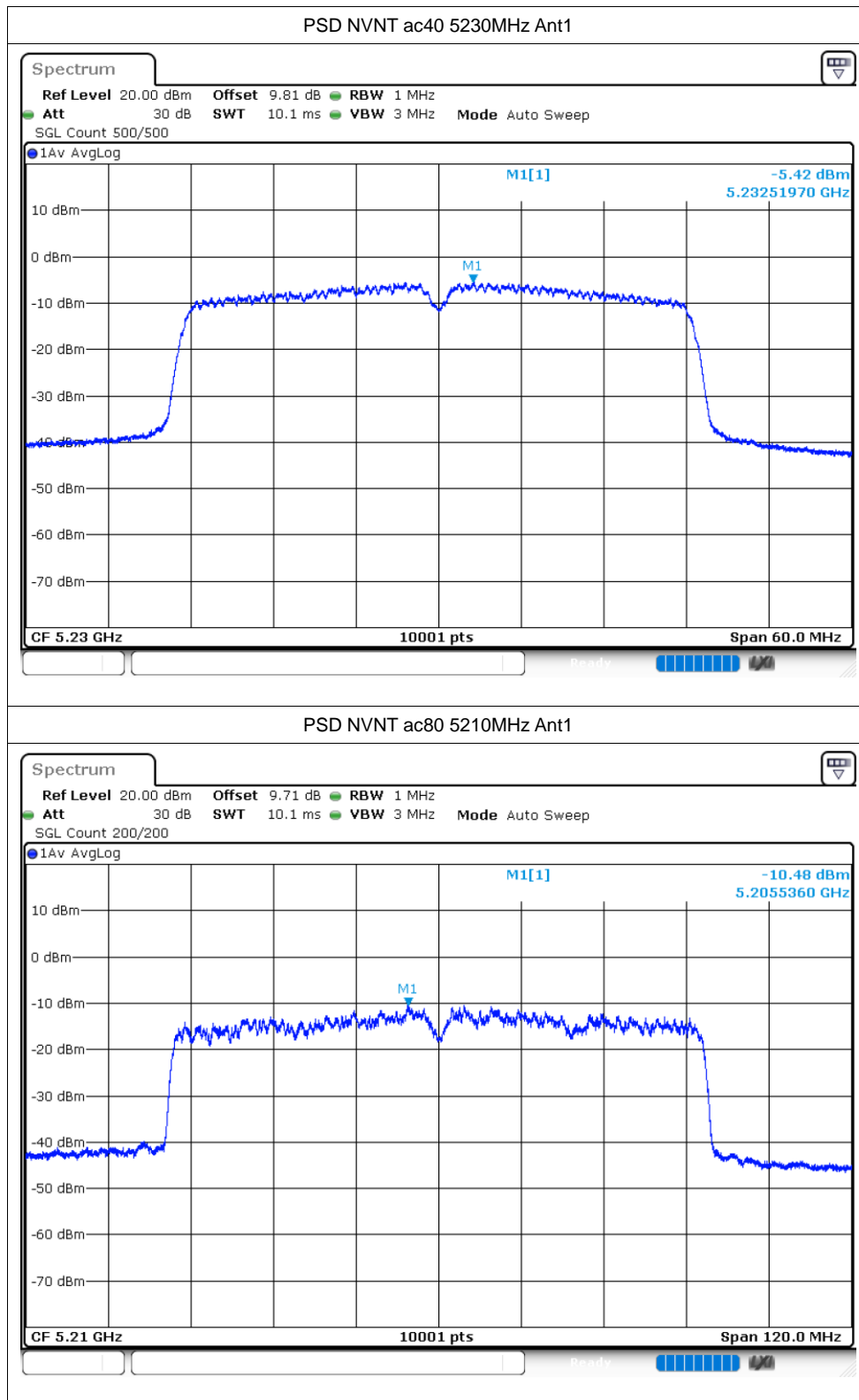










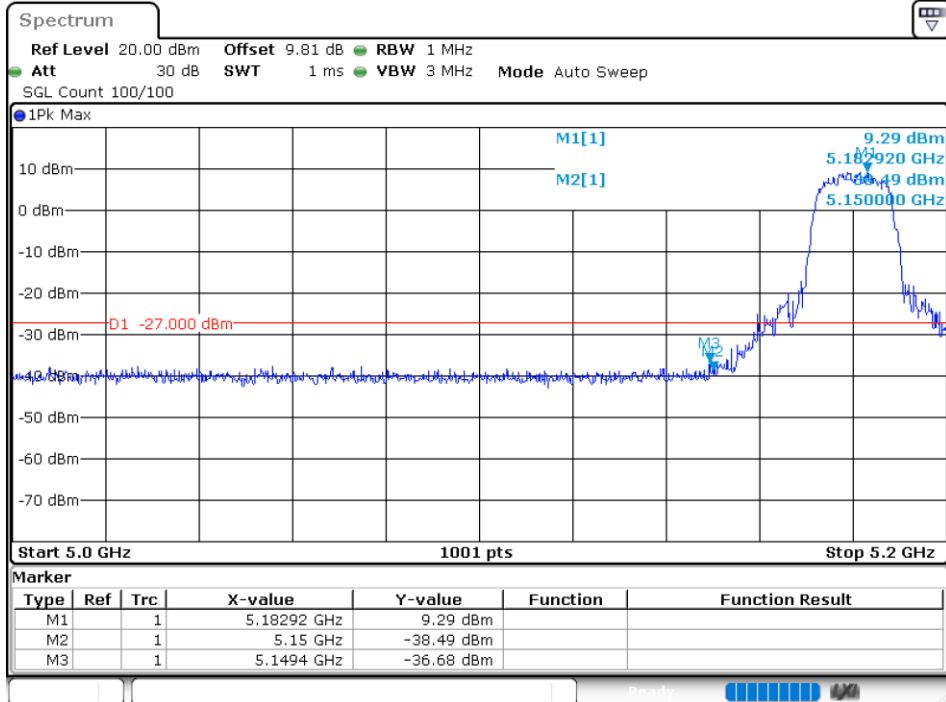


Band Edge

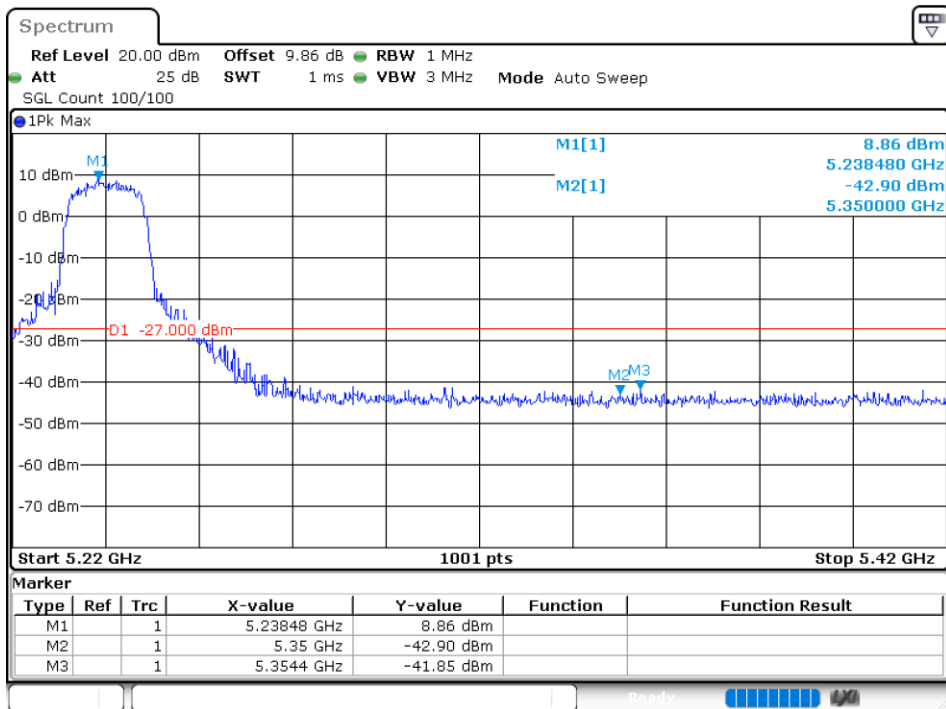
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-36.67	-27	Pass
NVNT	a	5240	Ant1	-41.85	-27	Pass
NVNT	n20	5180	Ant1	-36.43	-27	Pass
NVNT	n20	5240	Ant1	-42.03	-27	Pass
NVNT	n40	5190	Ant1	-27.94	-27	Pass
NVNT	n40	5230	Ant1	-36.64	-27	Pass
NVNT	ac20	5180	Ant1	-36.14	-27	Pass
NVNT	ac20	5240	Ant1	-41.71	-27	Pass
NVNT	ac40	5190	Ant1	-27.49	-27	Pass
NVNT	ac40	5230	Ant1	-41.69	-27	Pass
NVNT	ac80	5210	Ant1	-42.71	-27	Pass

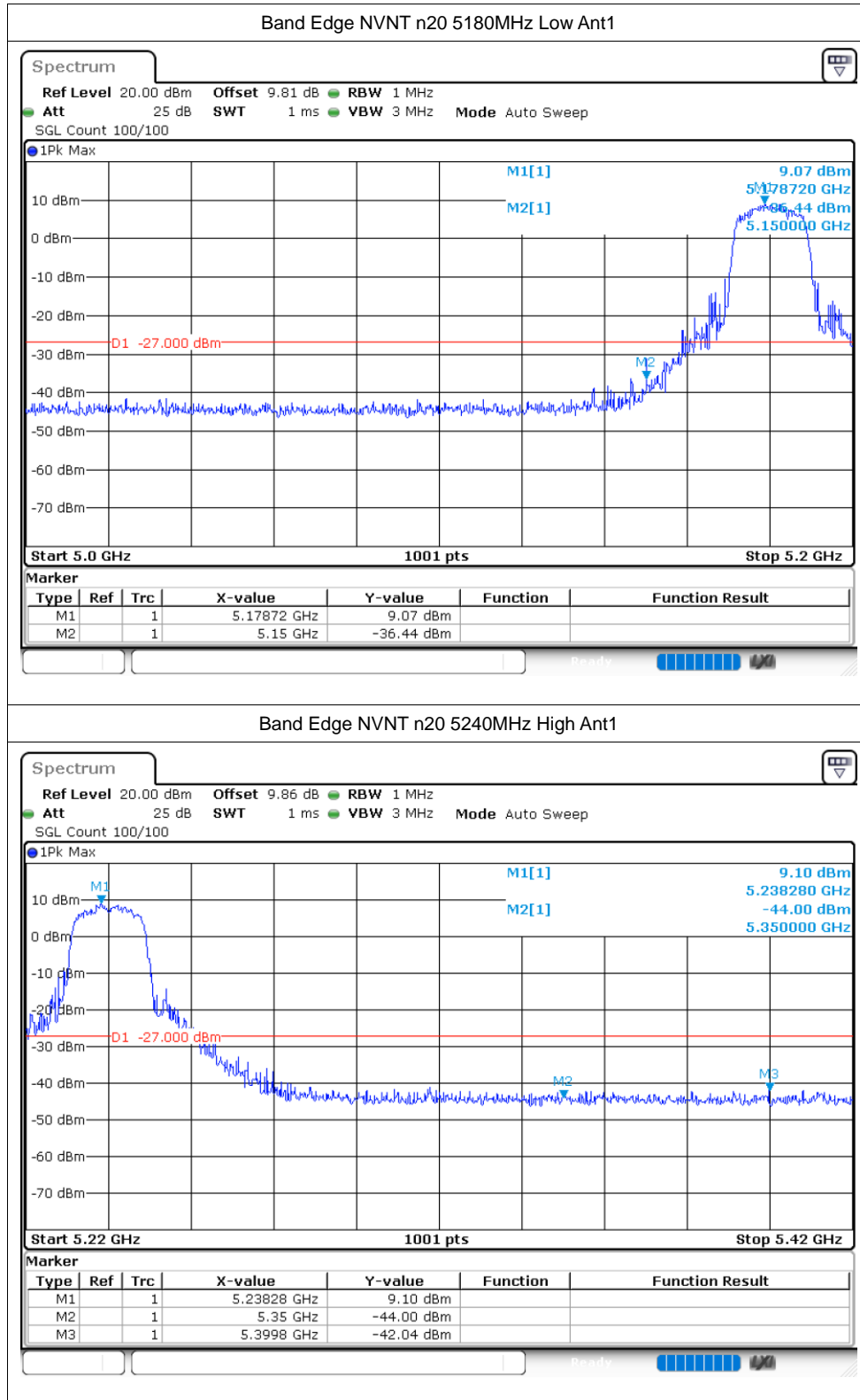
Test Graphs

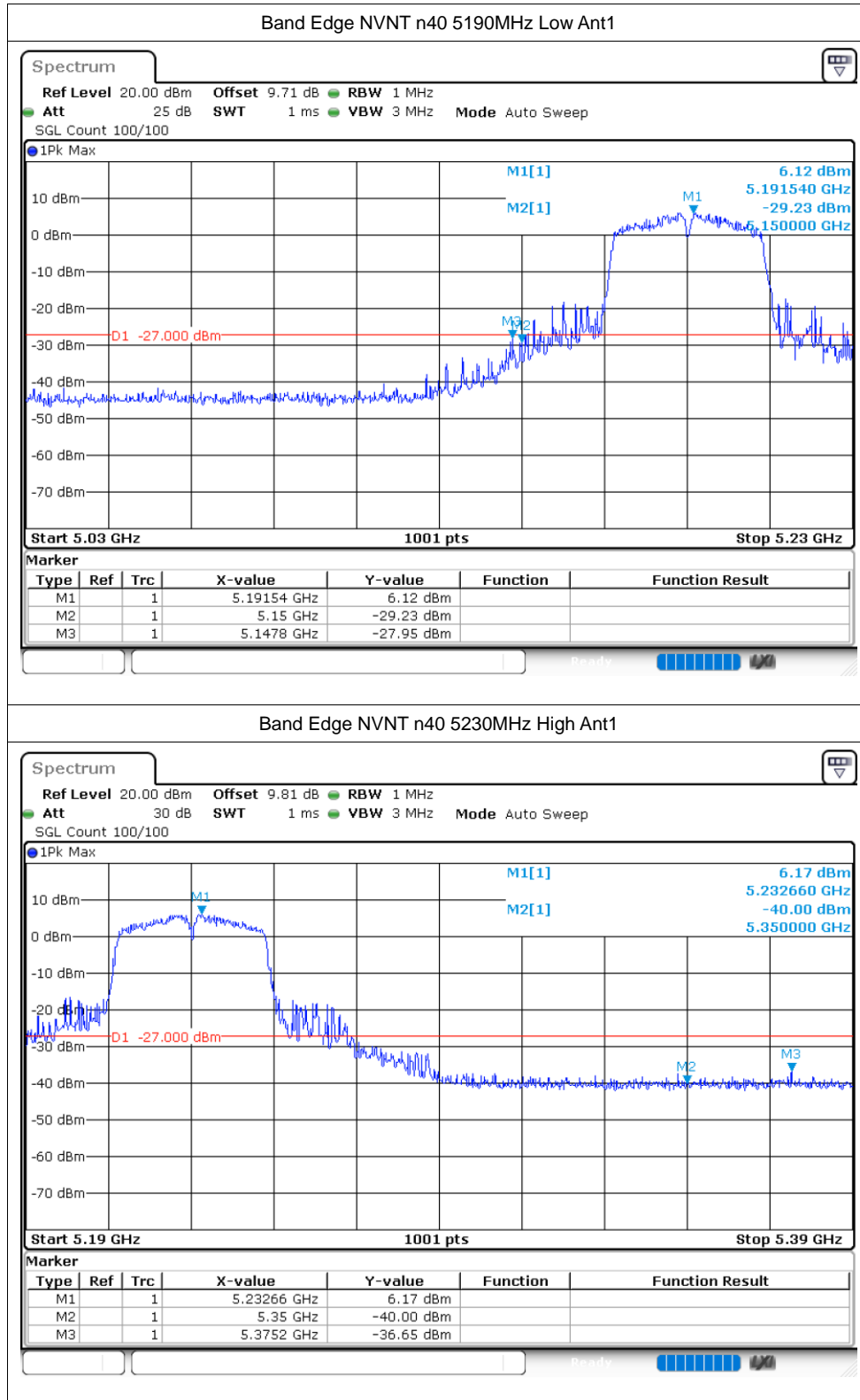
Band Edge NVNT a 5180MHz Low Ant1

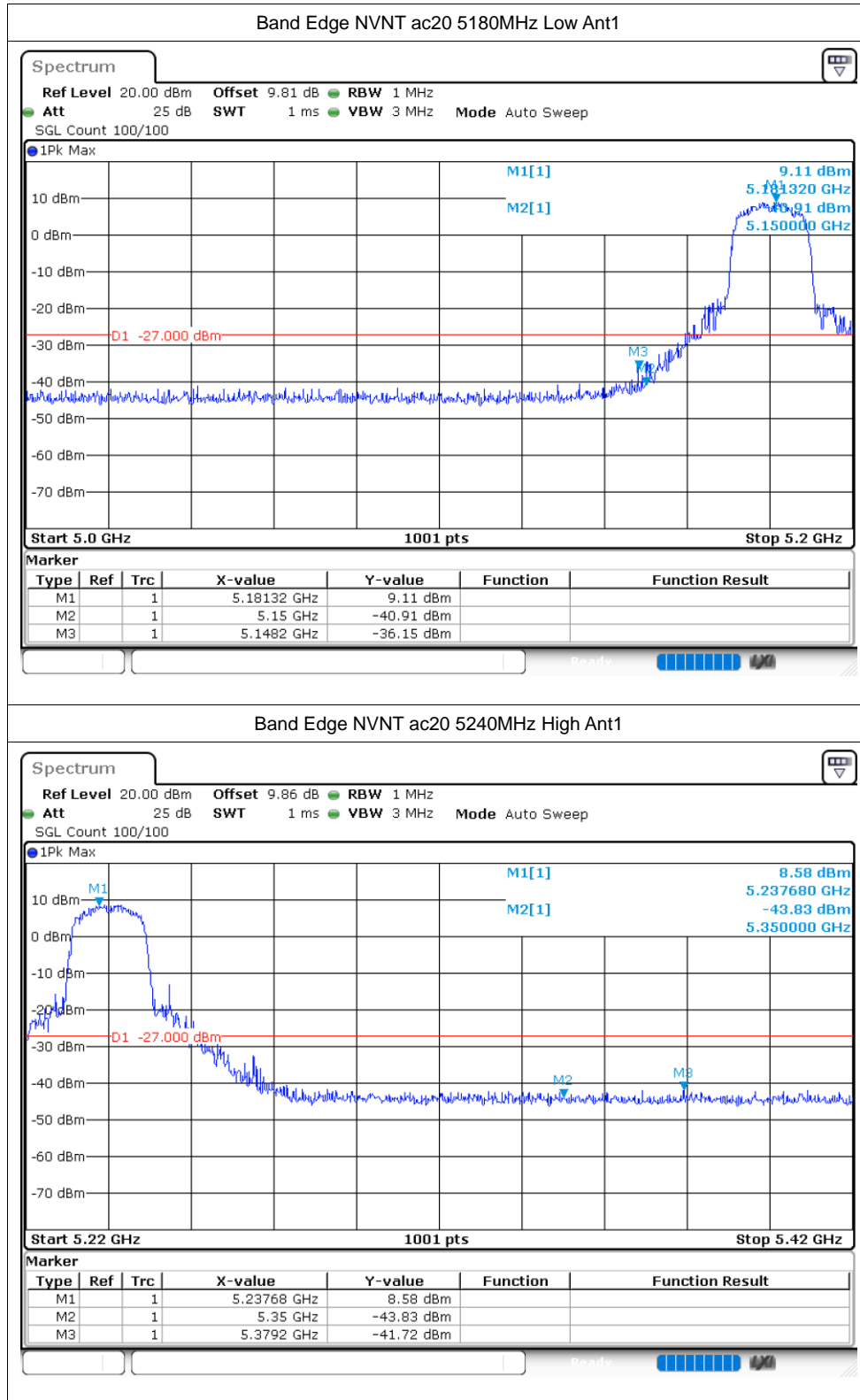


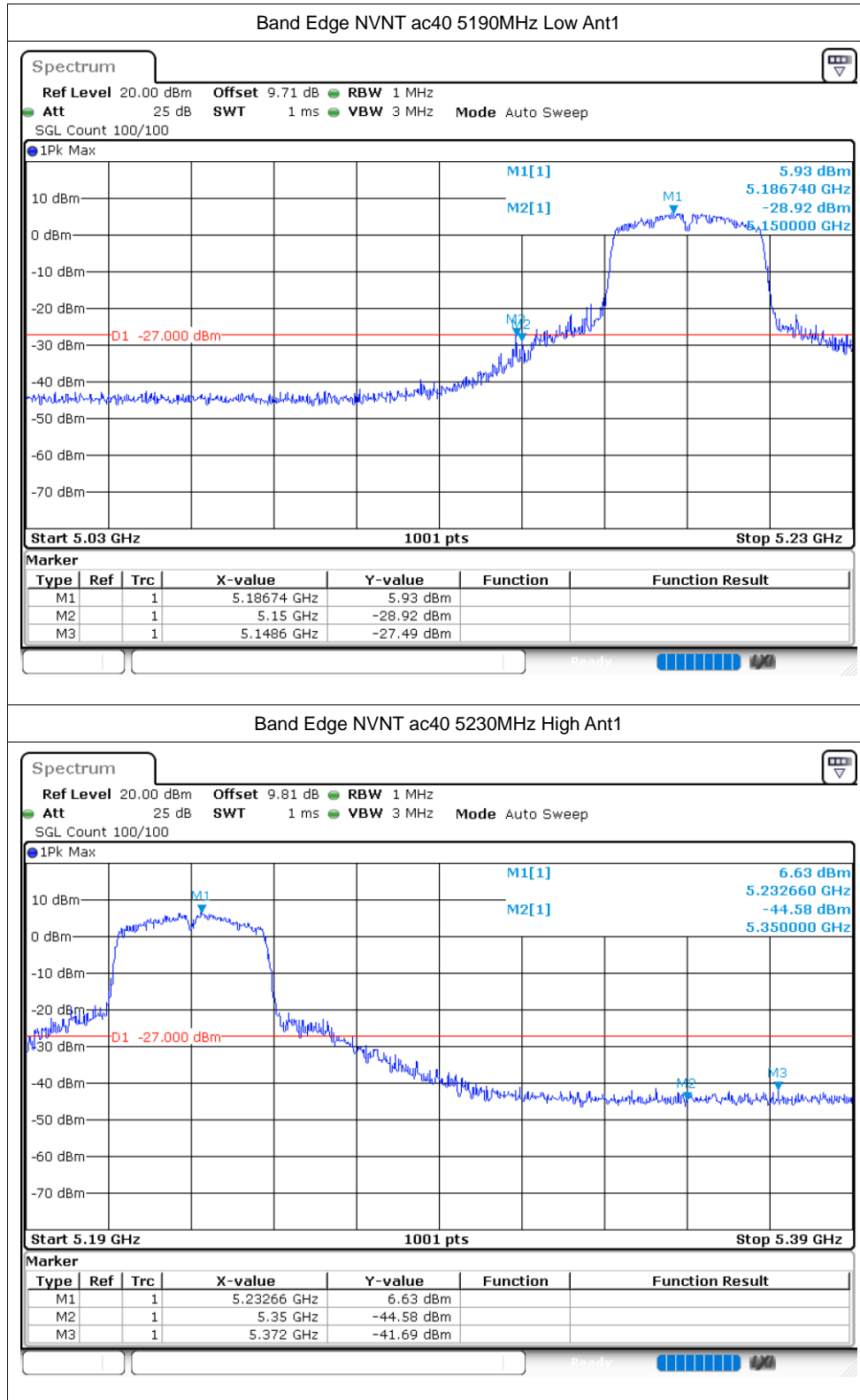
Band Edge NVNT a 5240MHz High Ant1

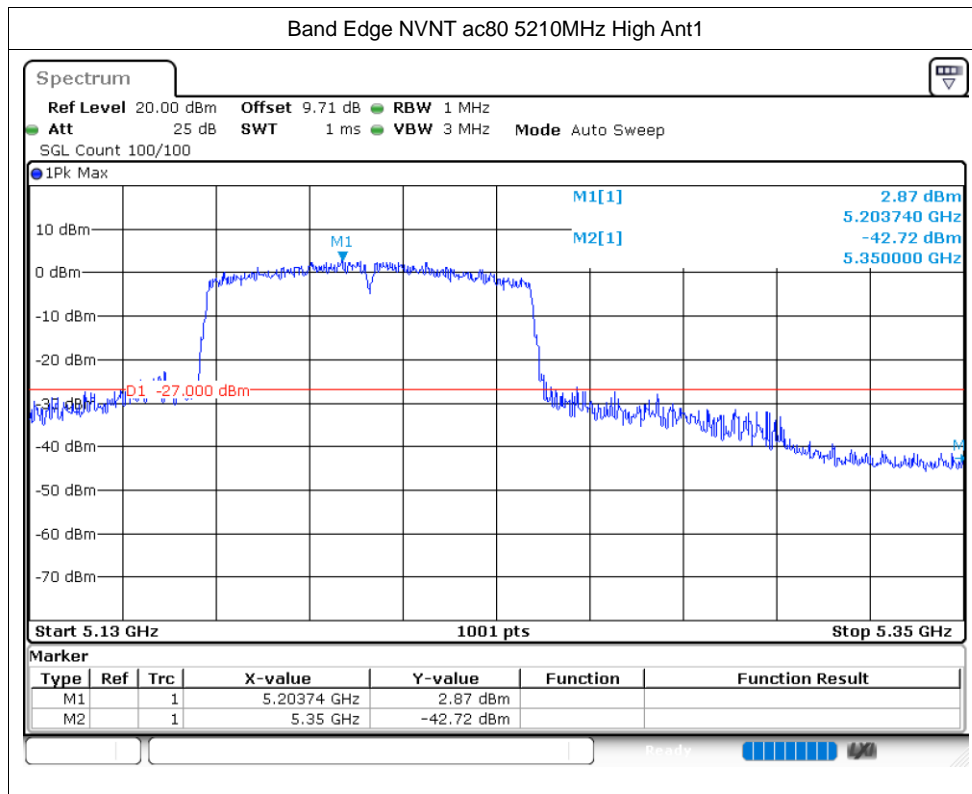










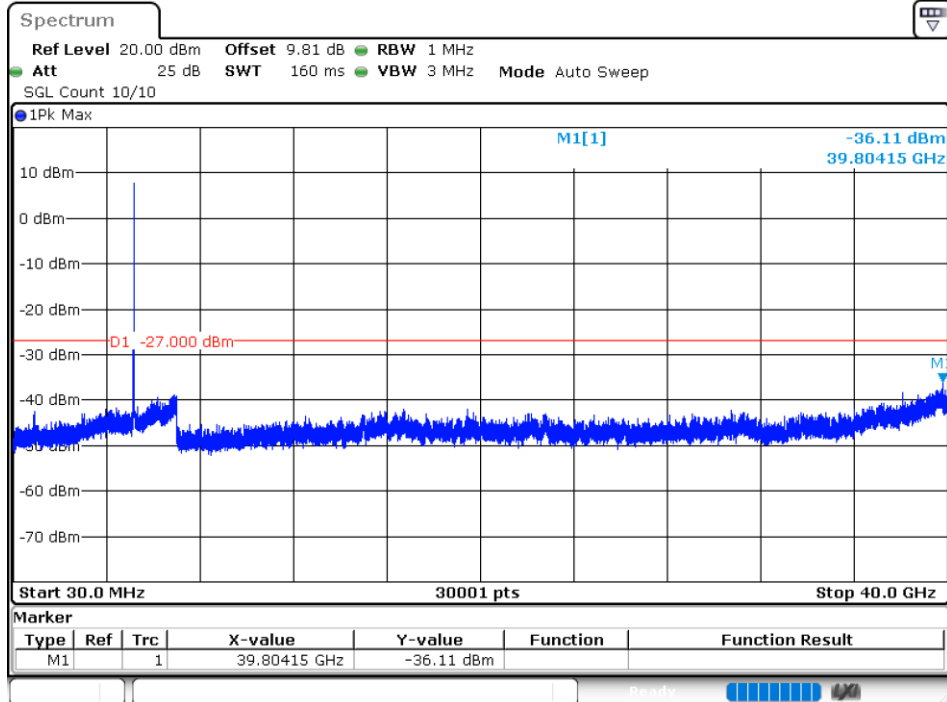


Conducted RF Spurious Emission

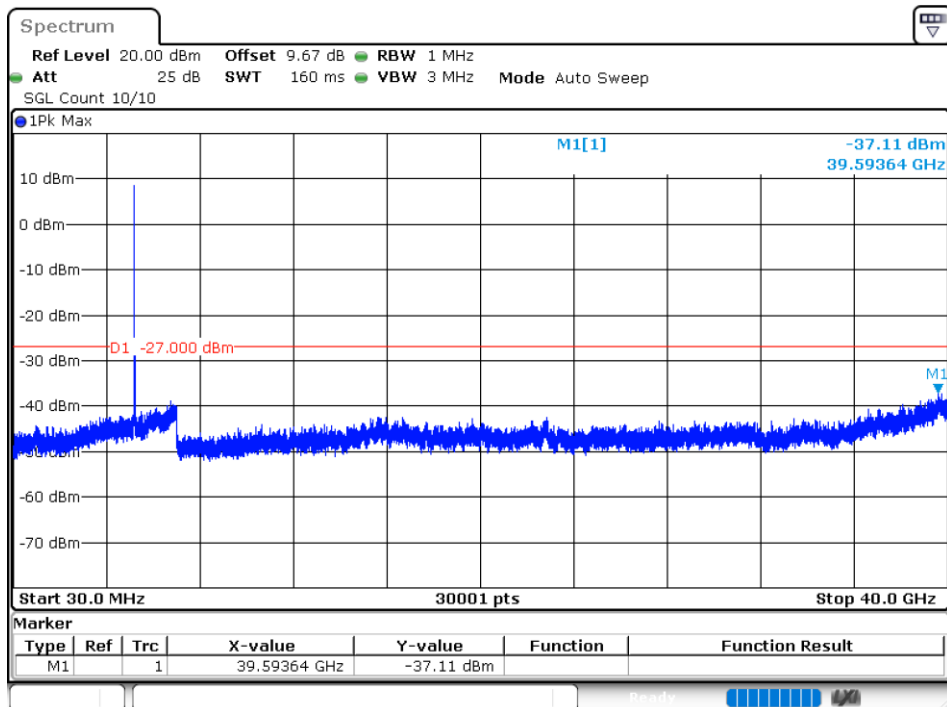
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-36.11	-27	Pass
NVNT	a	5200	Ant1	-37.1	-27	Pass
NVNT	a	5240	Ant1	-37.42	-27	Pass
NVNT	n20	5180	Ant1	-36.54	-27	Pass
NVNT	n20	5200	Ant1	-37.16	-27	Pass
NVNT	n20	5240	Ant1	-36.3	-27	Pass
NVNT	n40	5190	Ant1	-37.66	-27	Pass
NVNT	n40	5230	Ant1	-37.24	-27	Pass
NVNT	ac20	5180	Ant1	-37.13	-27	Pass
NVNT	ac20	5200	Ant1	-37.1	-27	Pass
NVNT	ac20	5240	Ant1	-36.67	-27	Pass
NVNT	ac40	5190	Ant1	-37.74	-27	Pass
NVNT	ac40	5230	Ant1	-36.93	-27	Pass
NVNT	ac80	5210	Ant1	-36.77	-27	Pass

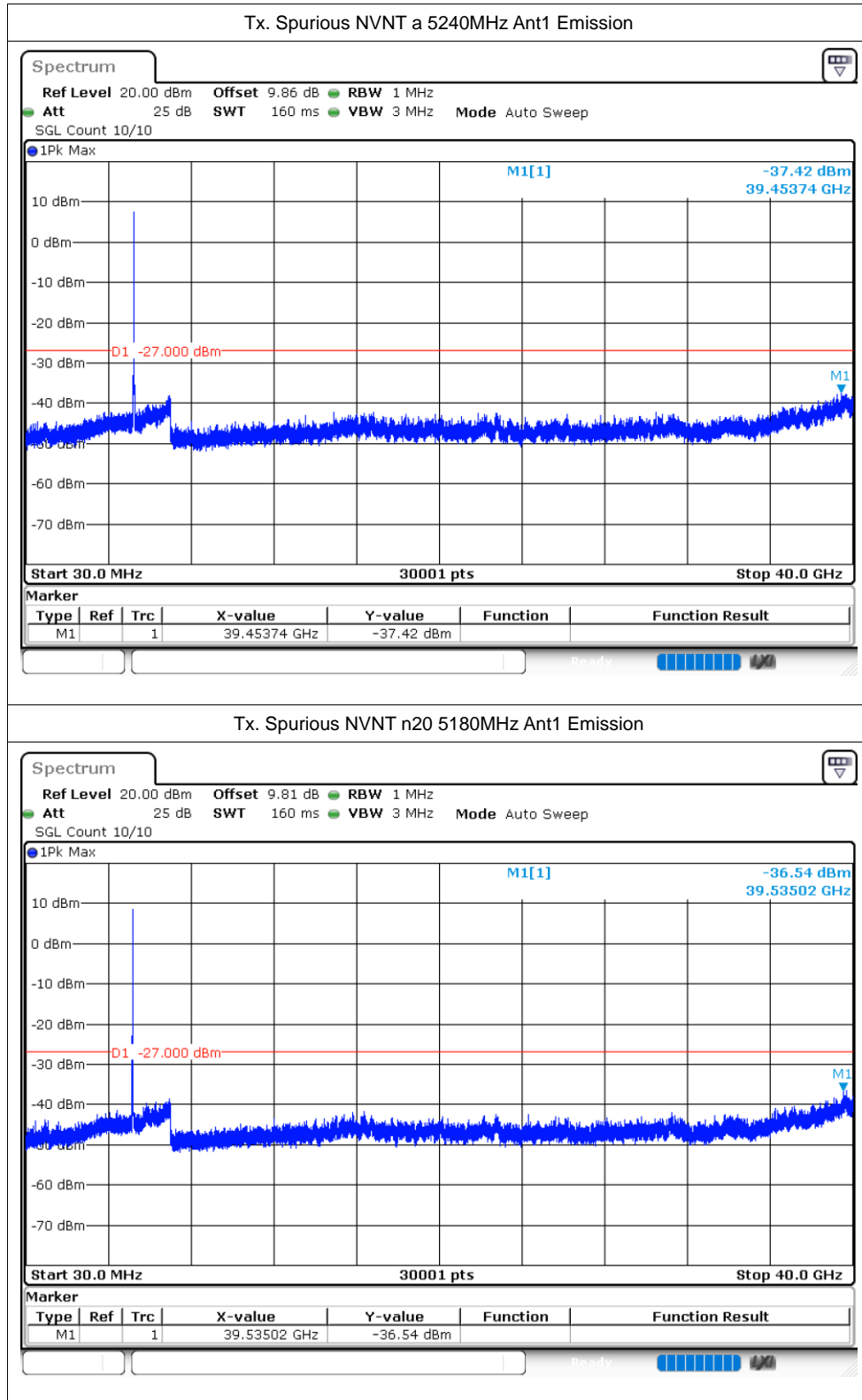
Test Graphs

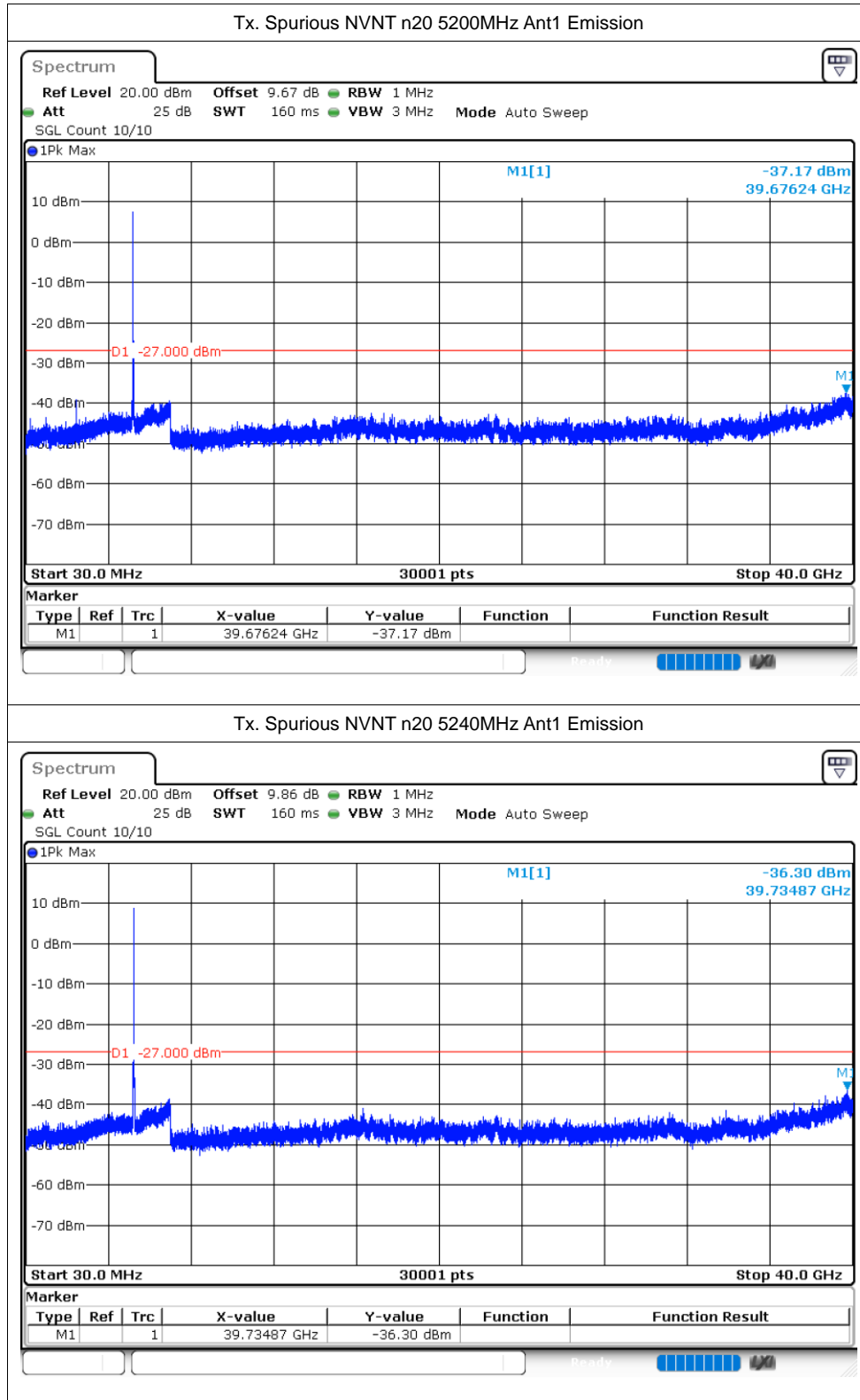
Tx. Spurious NVNT a 5180MHz Ant1 Emission

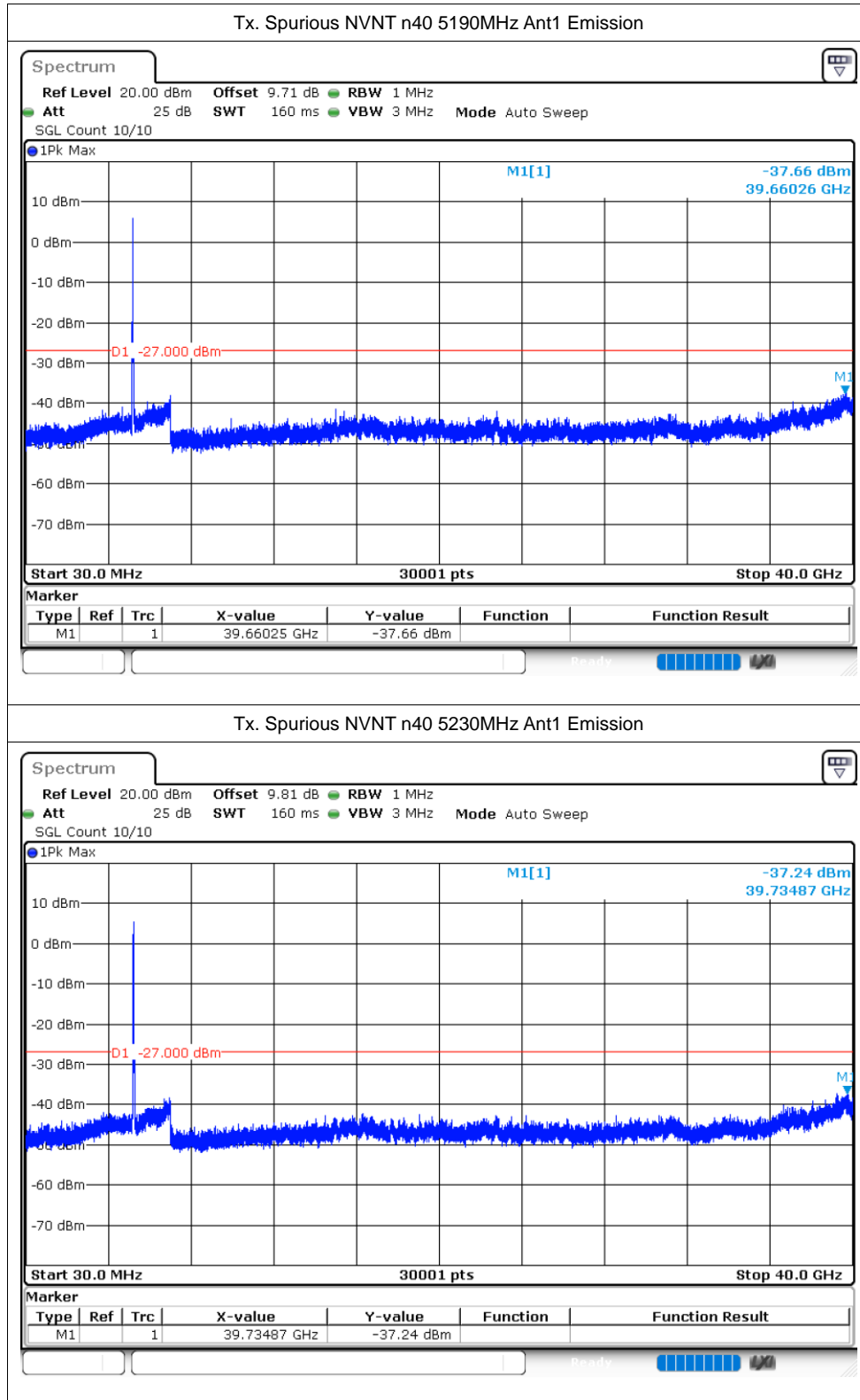


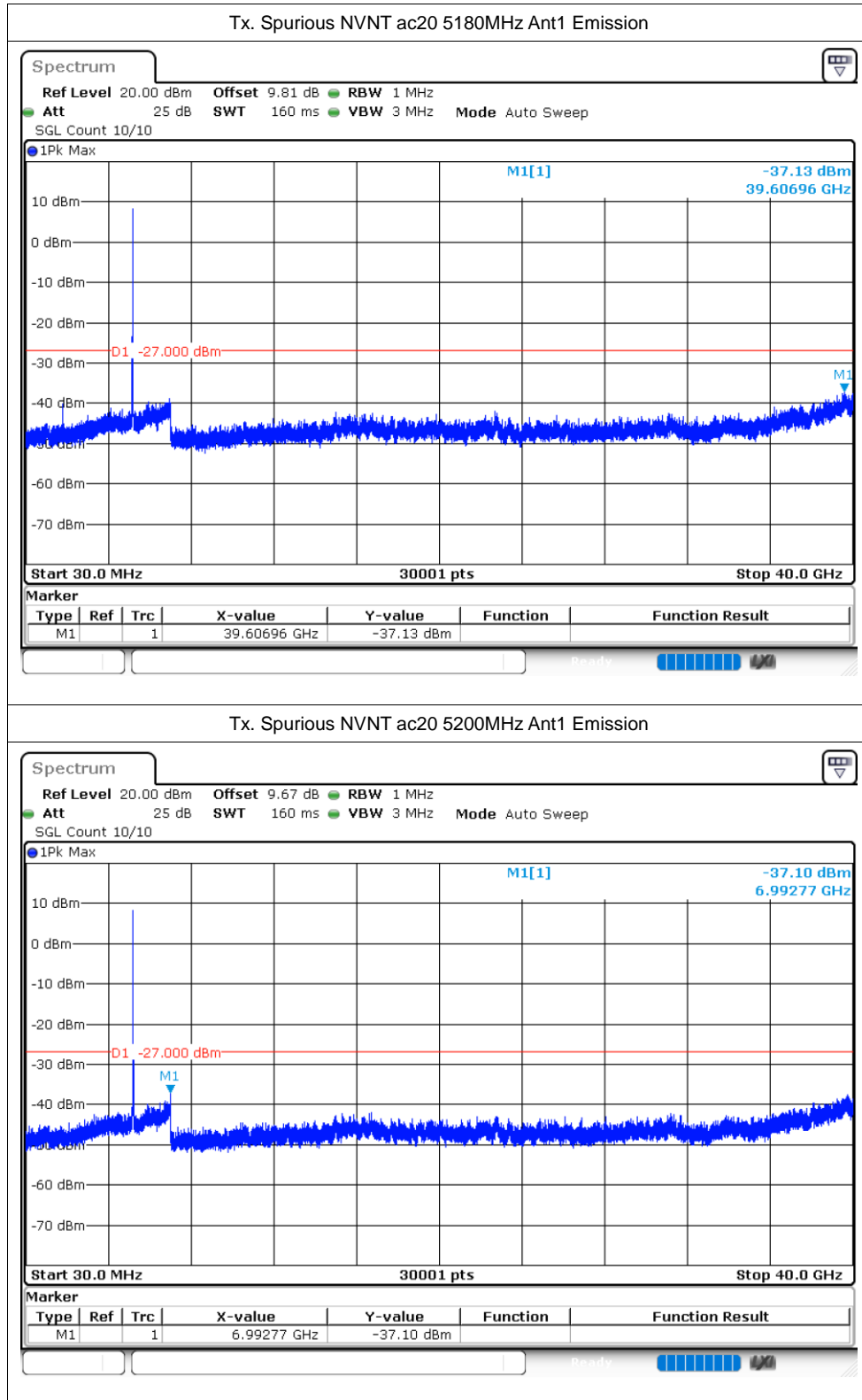
Tx. Spurious NVNT a 5200MHz Ant1 Emission

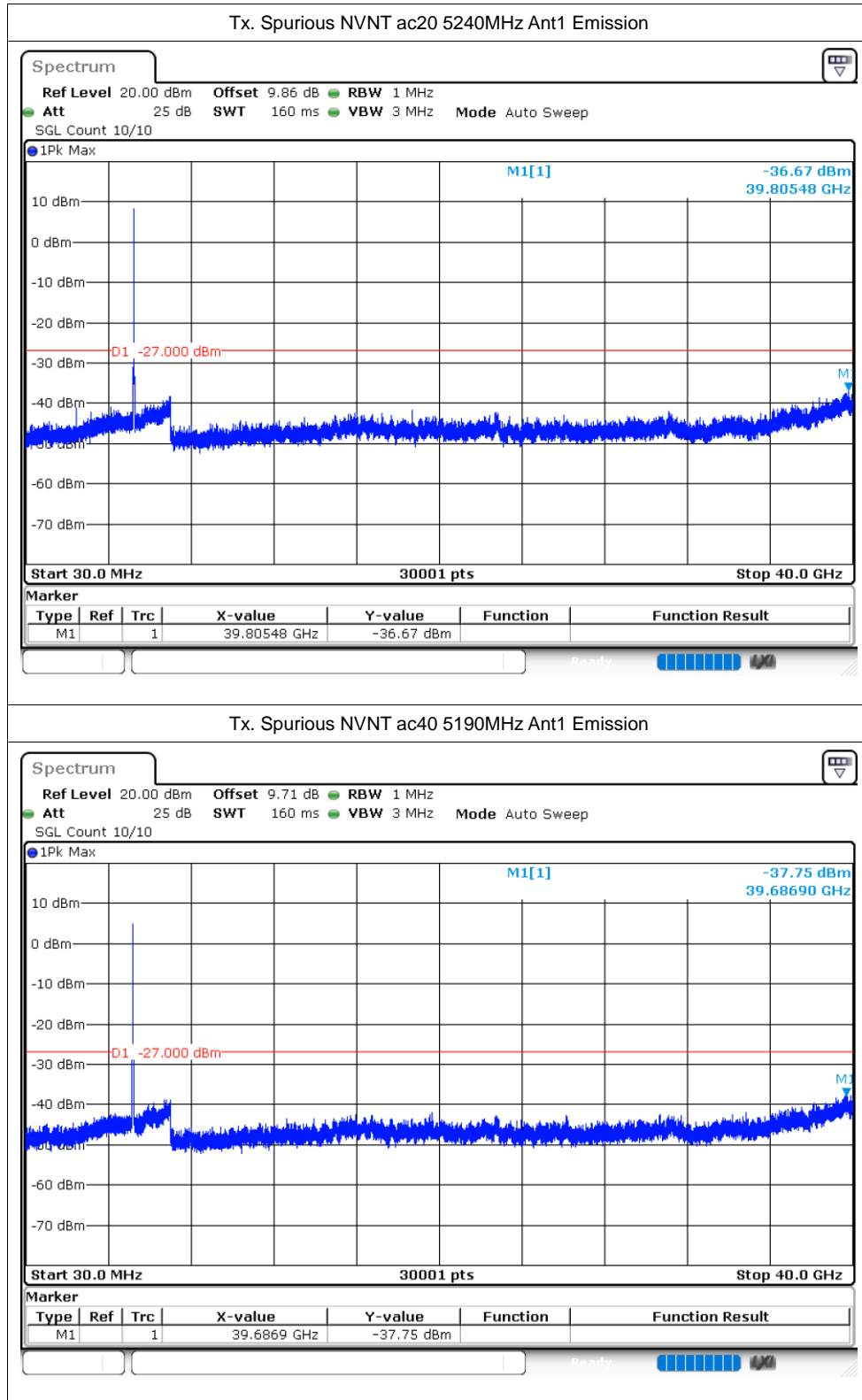


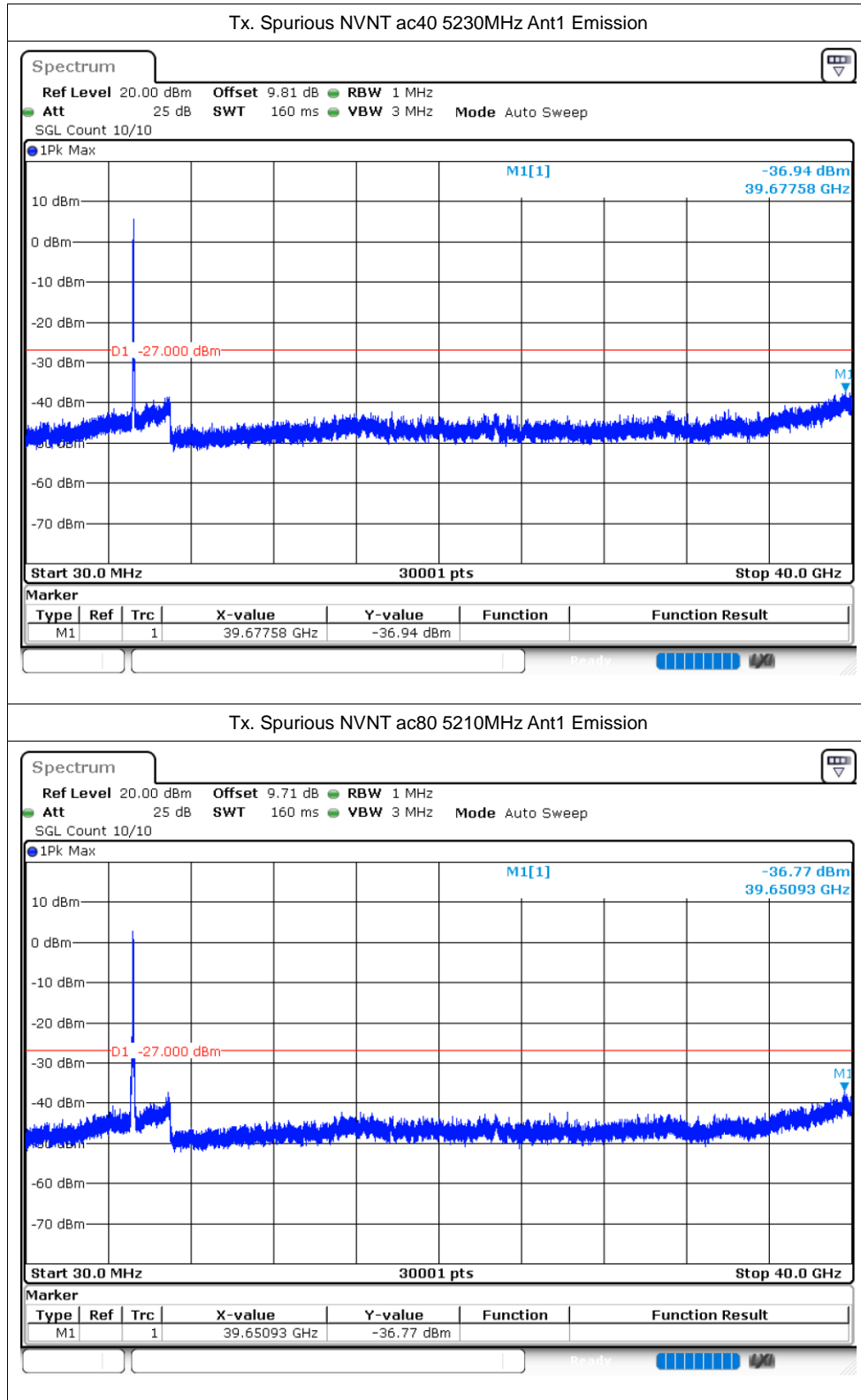








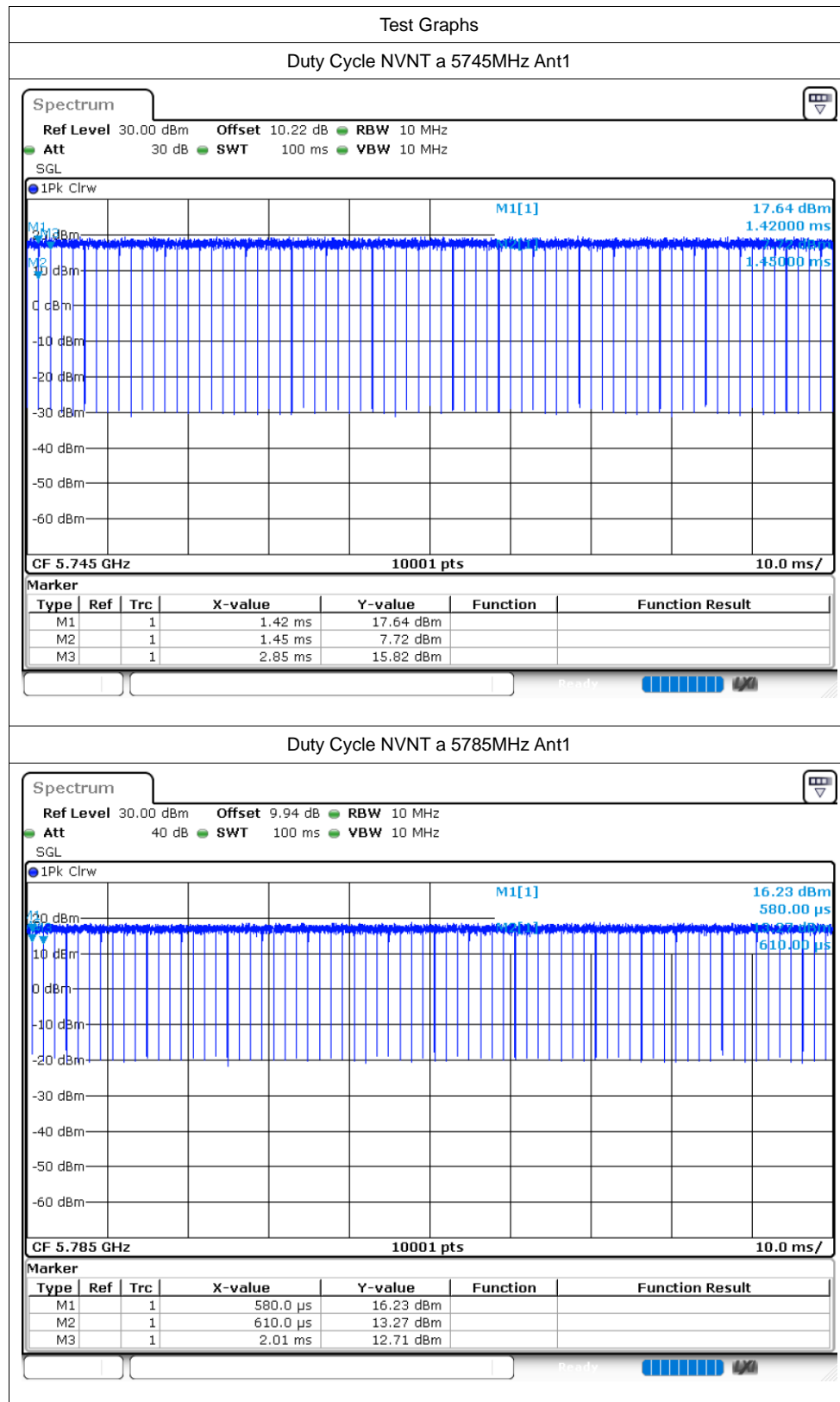


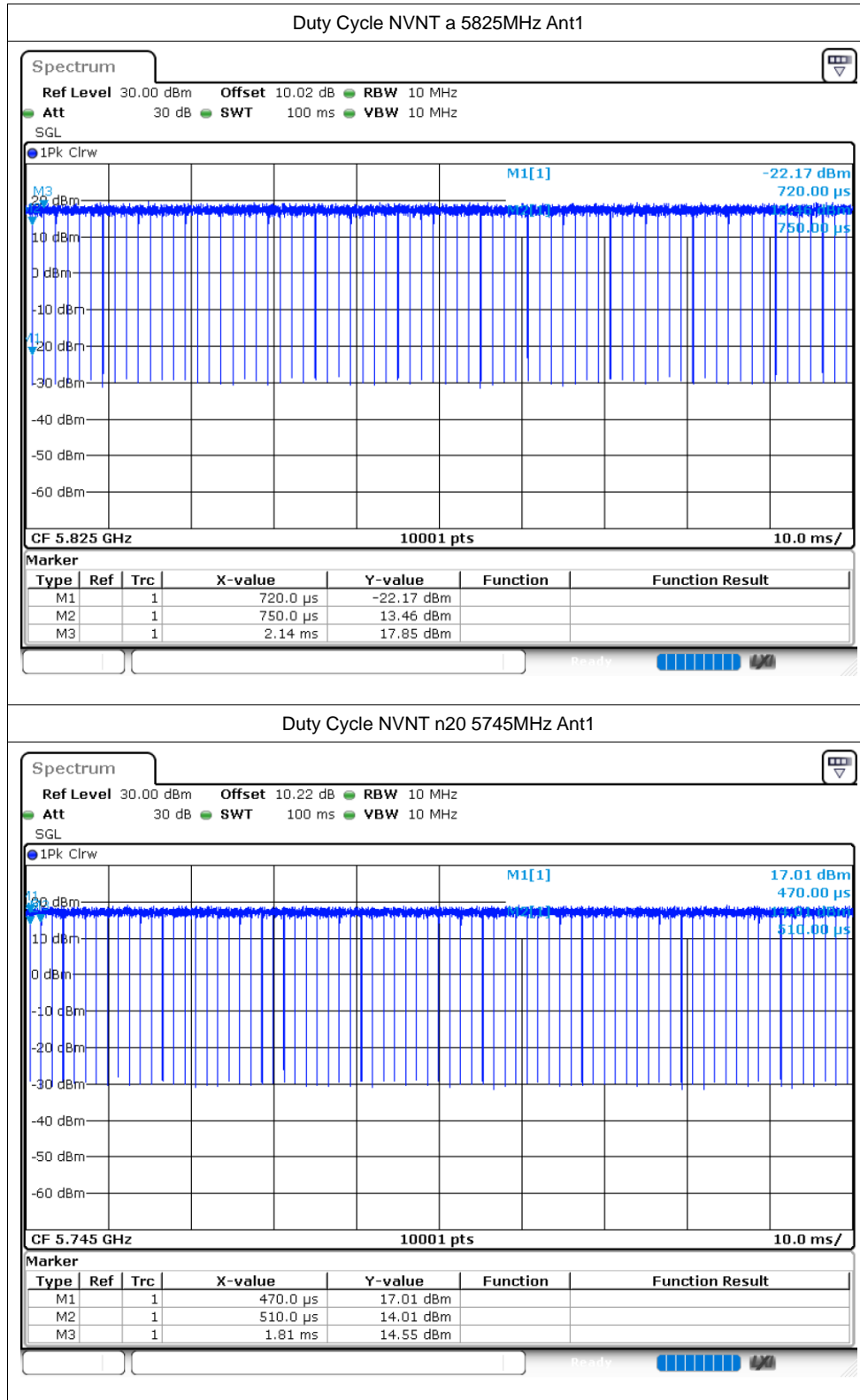


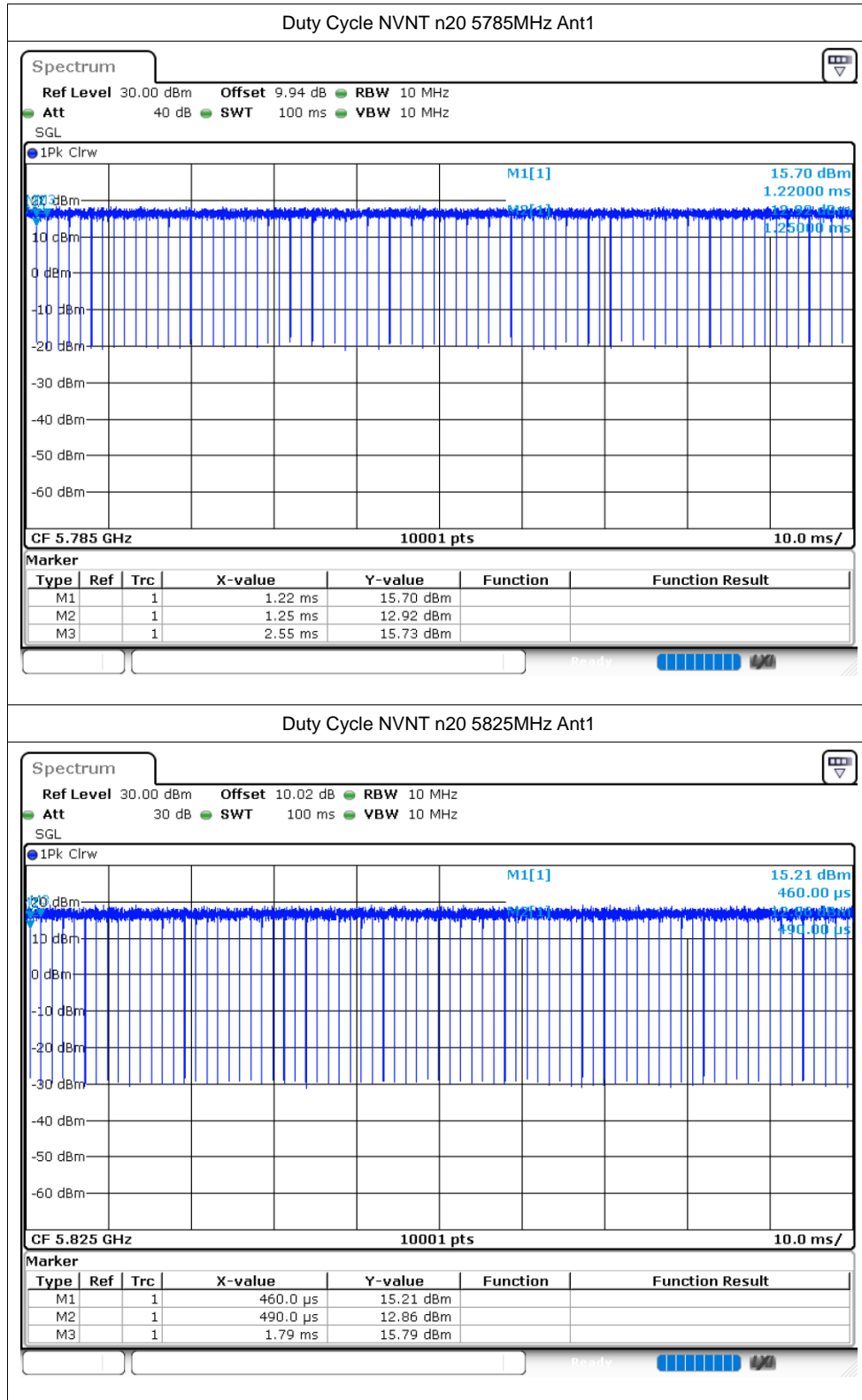
5.8G:

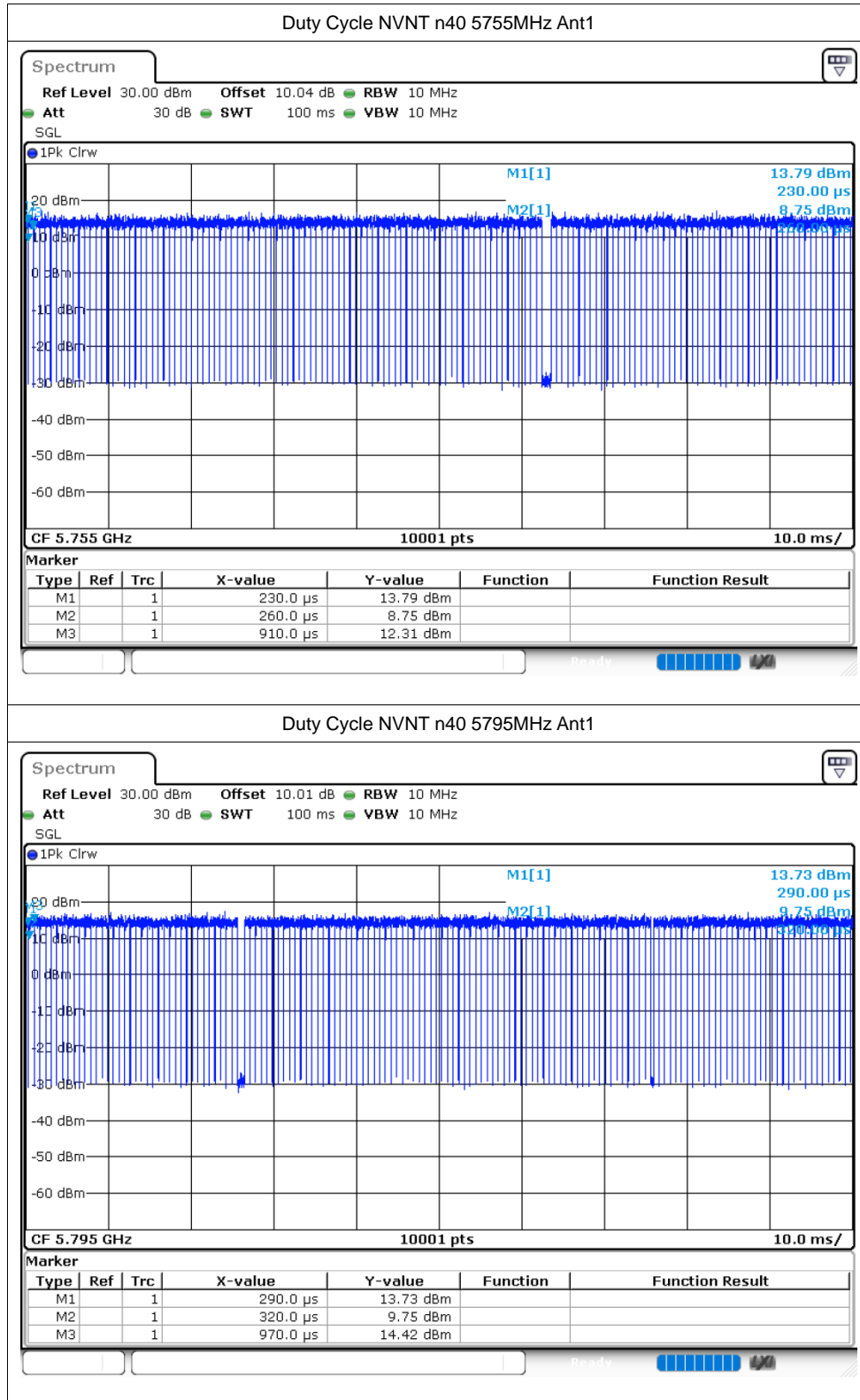
Duty Cycle

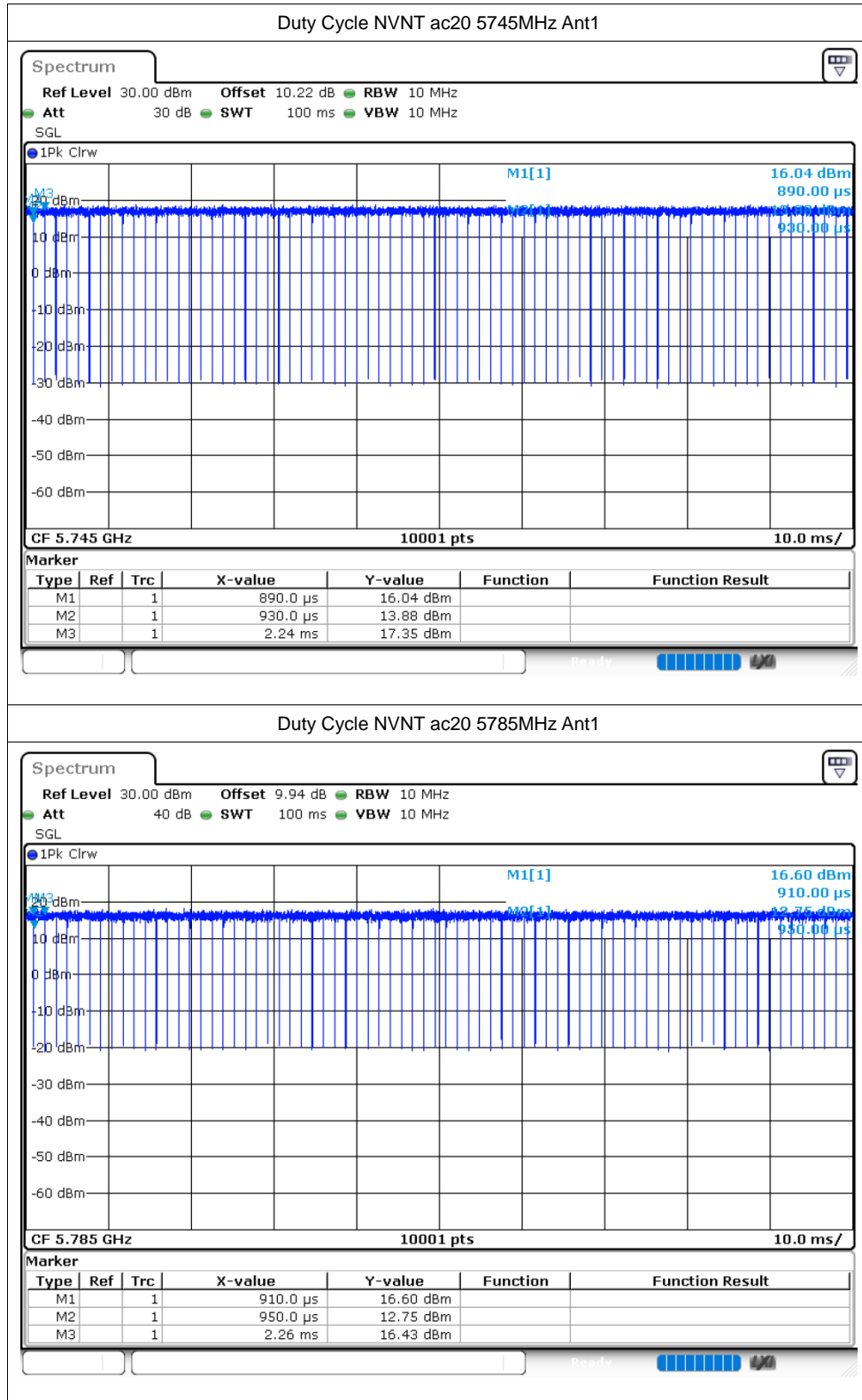
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	98.18	0.08	0.71
NVNT	a	5785	Ant1	98.2	0.08	0.71
NVNT	a	5825	Ant1	98.23	0.08	0.72
NVNT	n20	5745	Ant1	98.06	0.09	0.77
NVNT	n20	5785	Ant1	98.08	0.08	0.77
NVNT	n20	5825	Ant1	98.06	0.09	0.77
NVNT	n40	5755	Ant1	95.32	0.21	1.54
NVNT	n40	5795	Ant1	95.25	0.21	1.54
NVNT	ac20	5745	Ant1	98.1	0.08	0.76
NVNT	ac20	5785	Ant1	98.09	0.08	0.76
NVNT	ac20	5825	Ant1	98.1	0.08	0.76
NVNT	ac40	5755	Ant1	96.21	0.17	1.54
NVNT	ac40	5795	Ant1	94.79	0.23	1.54
NVNT	ac80	5775	Ant1	89.97	0.46	3.12

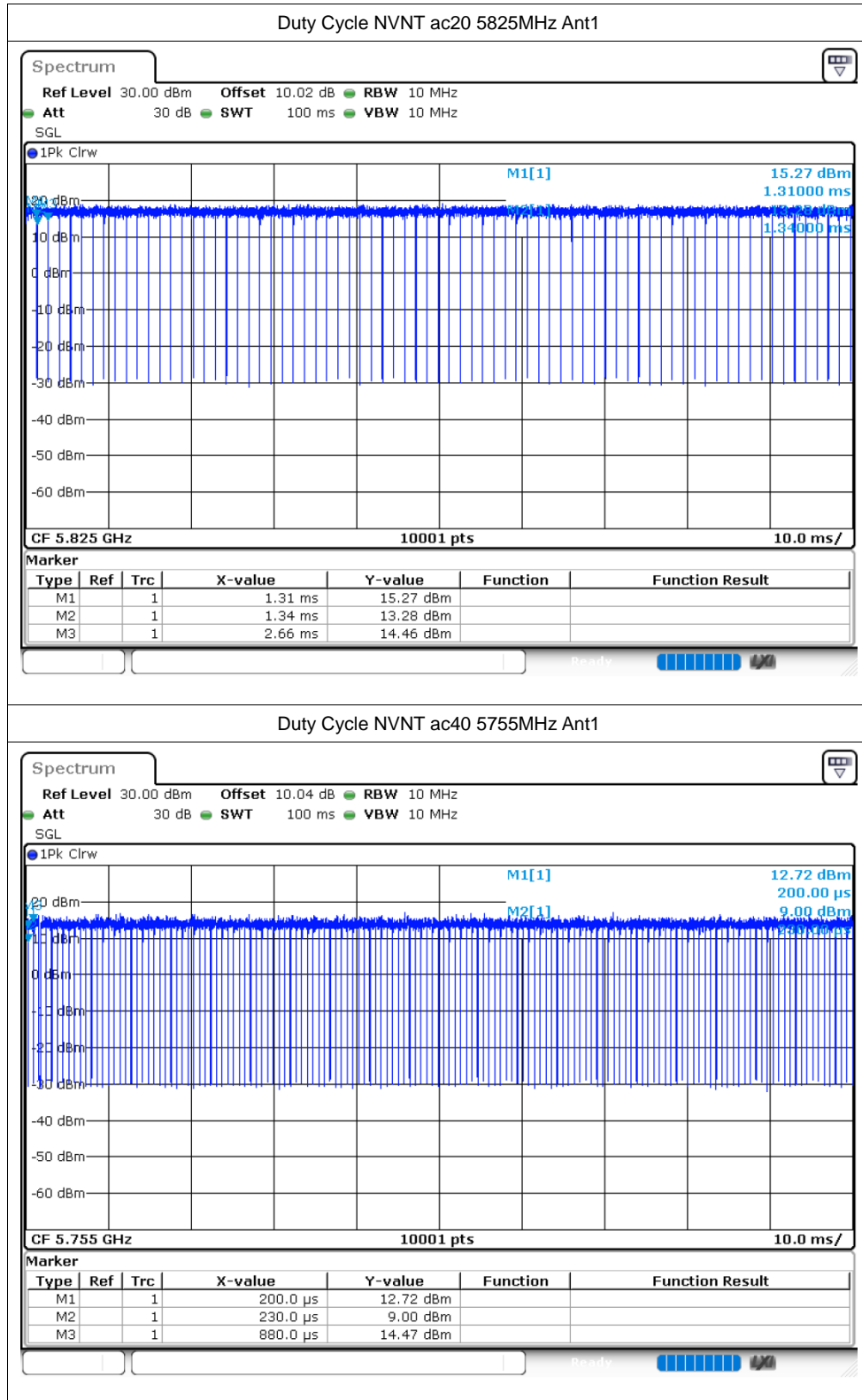


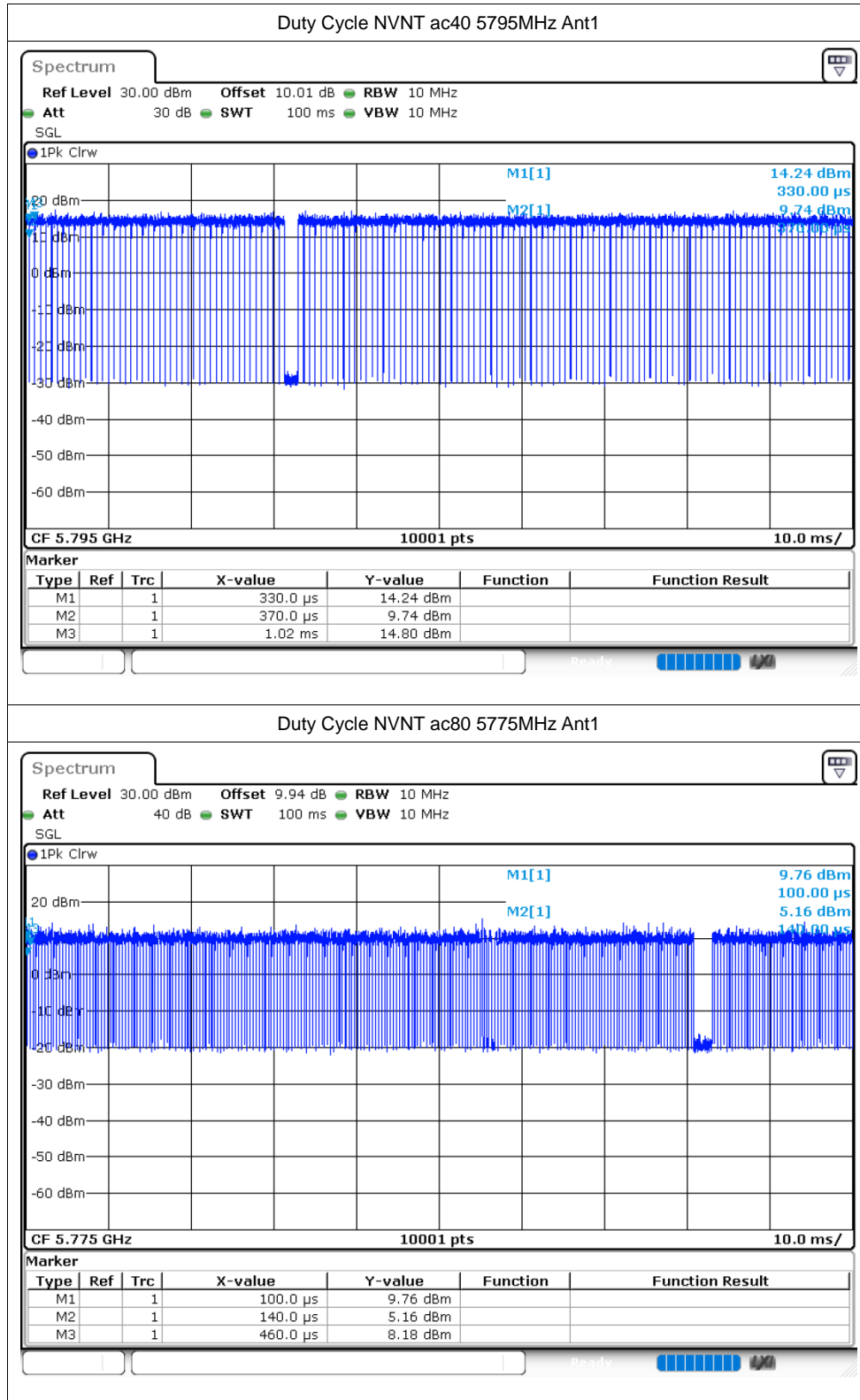












Maximum Conducted Output Power

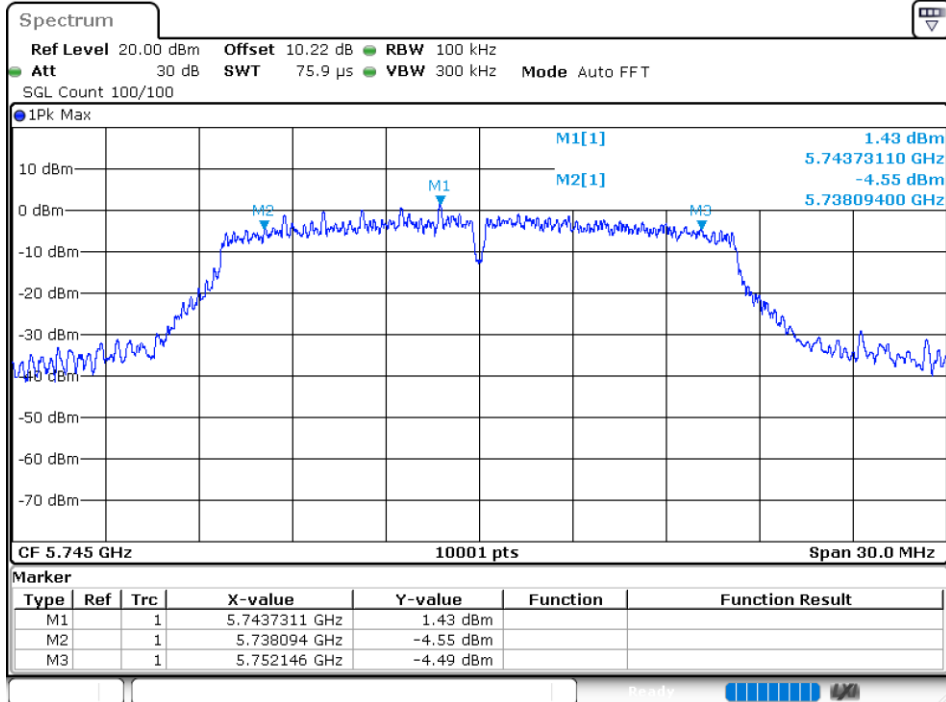
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.26	0.08	10.34	30	Pass
NVNT	a	5785	Ant1	10.31	0.08	10.39	30	Pass
NVNT	a	5825	Ant1	10.45	0.08	10.53	30	Pass
NVNT	n20	5745	Ant1	10.29	0.09	10.38	30	Pass
NVNT	n20	5785	Ant1	9.74	0.08	9.82	30	Pass
NVNT	n20	5825	Ant1	9.9	0.09	9.99	30	Pass
NVNT	n40	5755	Ant1	9.94	0.21	10.15	30	Pass
NVNT	n40	5795	Ant1	10	0.21	10.21	30	Pass
NVNT	ac20	5745	Ant1	10.3	0.08	10.38	30	Pass
NVNT	ac20	5785	Ant1	9.78	0.08	9.86	30	Pass
NVNT	ac20	5825	Ant1	10.38	0.08	10.46	30	Pass
NVNT	ac40	5755	Ant1	10.01	0.17	10.18	30	Pass
NVNT	ac40	5795	Ant1	10	0.23	10.23	30	Pass
NVNT	ac80	5775	Ant1	9.75	0.46	10.21	30	Pass

-6dB Bandwidth

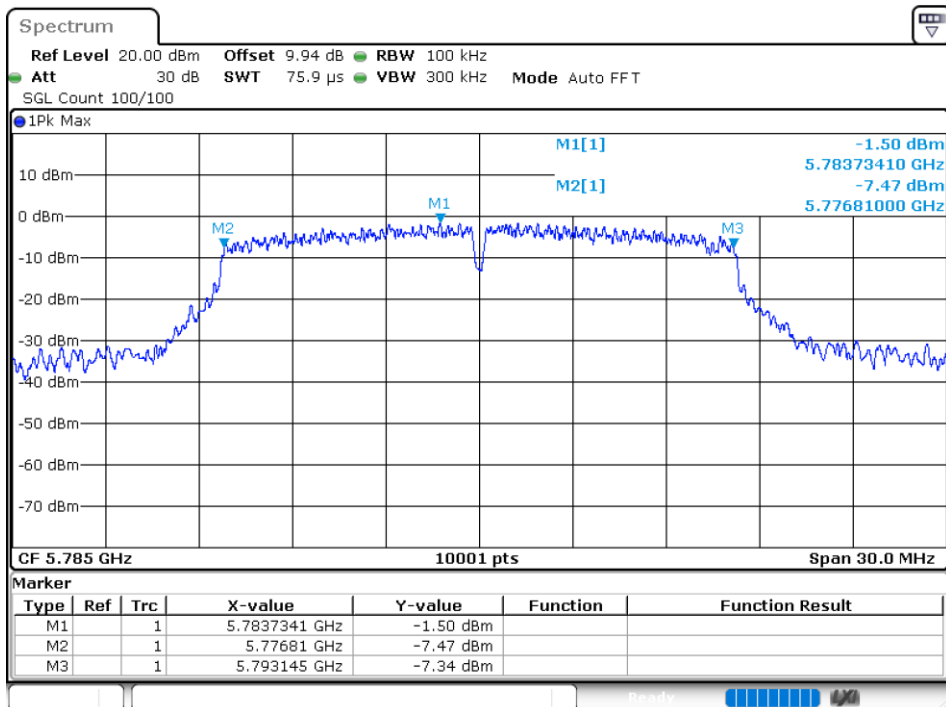
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	14.052	0.5	Pass
NVNT	a	5785	Ant1	16.335	0.5	Pass
NVNT	a	5825	Ant1	16.326	0.5	Pass
NVNT	n20	5745	Ant1	17.514	0.5	Pass
NVNT	n20	5785	Ant1	17.58	0.5	Pass
NVNT	n20	5825	Ant1	17.523	0.5	Pass
NVNT	n40	5755	Ant1	35.064	0.5	Pass
NVNT	n40	5795	Ant1	33.834	0.5	Pass
NVNT	ac20	5745	Ant1	17.298	0.5	Pass
NVNT	ac20	5785	Ant1	15.039	0.5	Pass
NVNT	ac20	5825	Ant1	17.574	0.5	Pass
NVNT	ac40	5755	Ant1	25.296	0.5	Pass
NVNT	ac40	5795	Ant1	24.078	0.5	Pass
NVNT	ac80	5775	Ant1	75.084	0.5	Pass

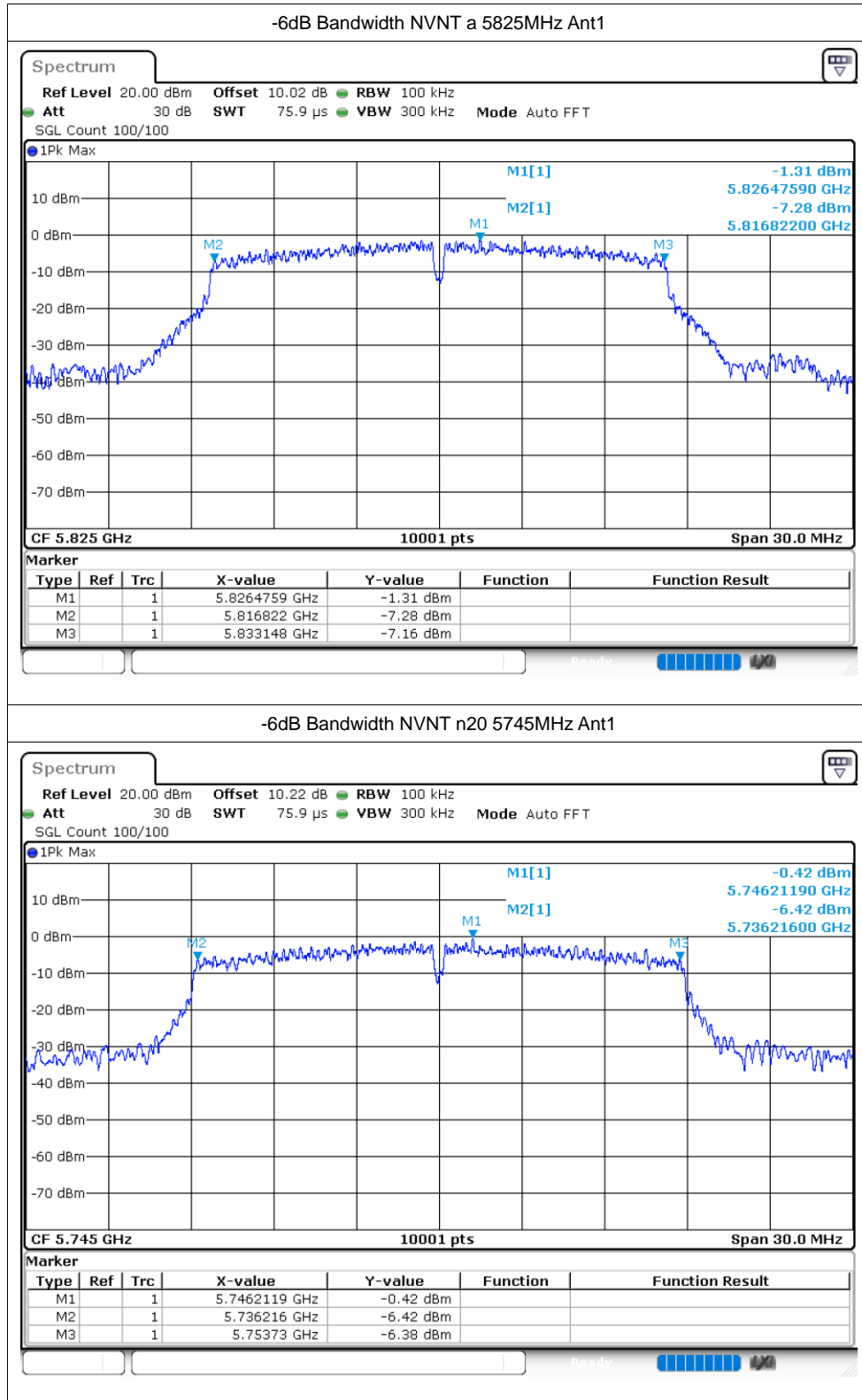
Test Graphs

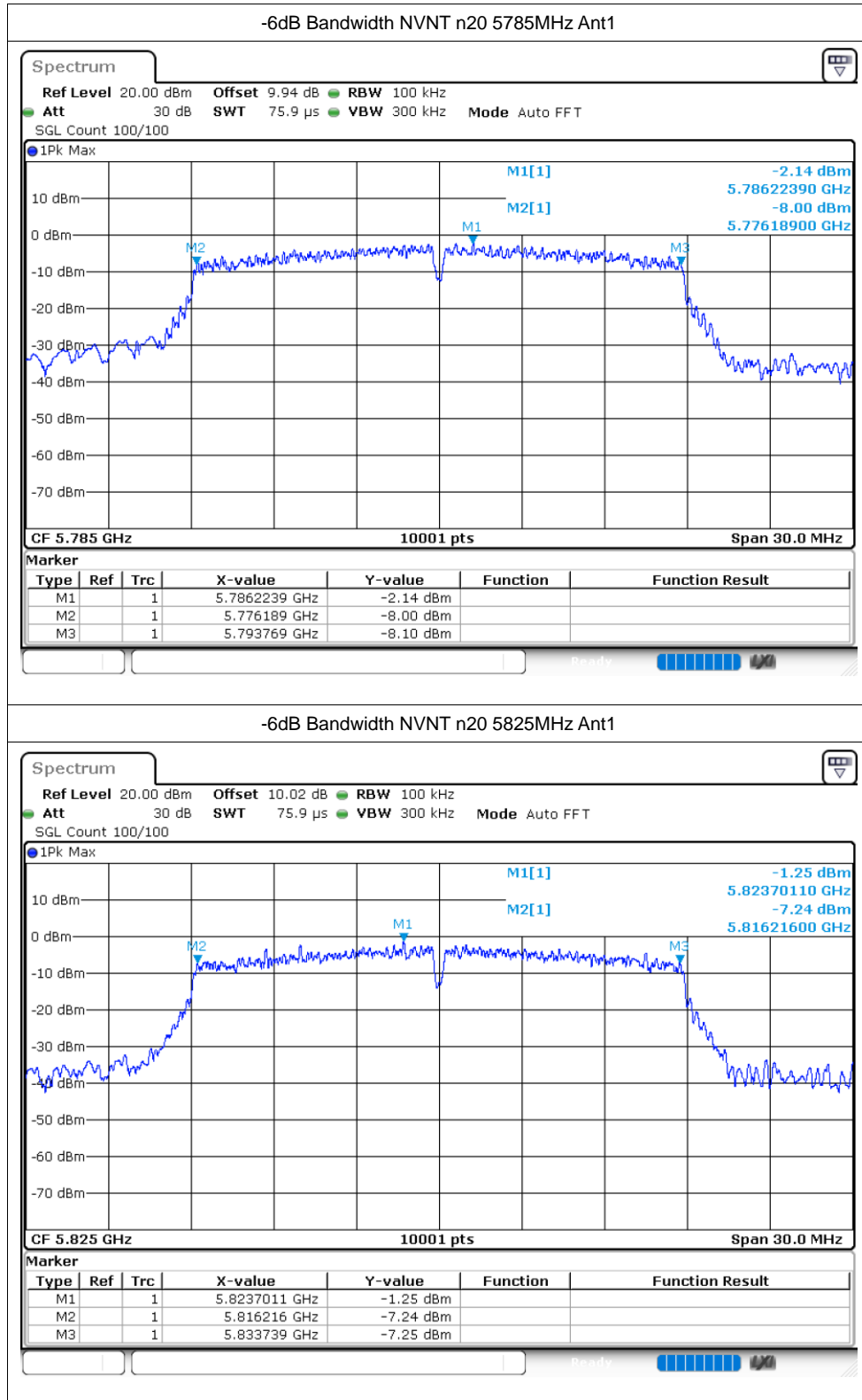
-6dB Bandwidth NVNT a 5745MHz Ant1

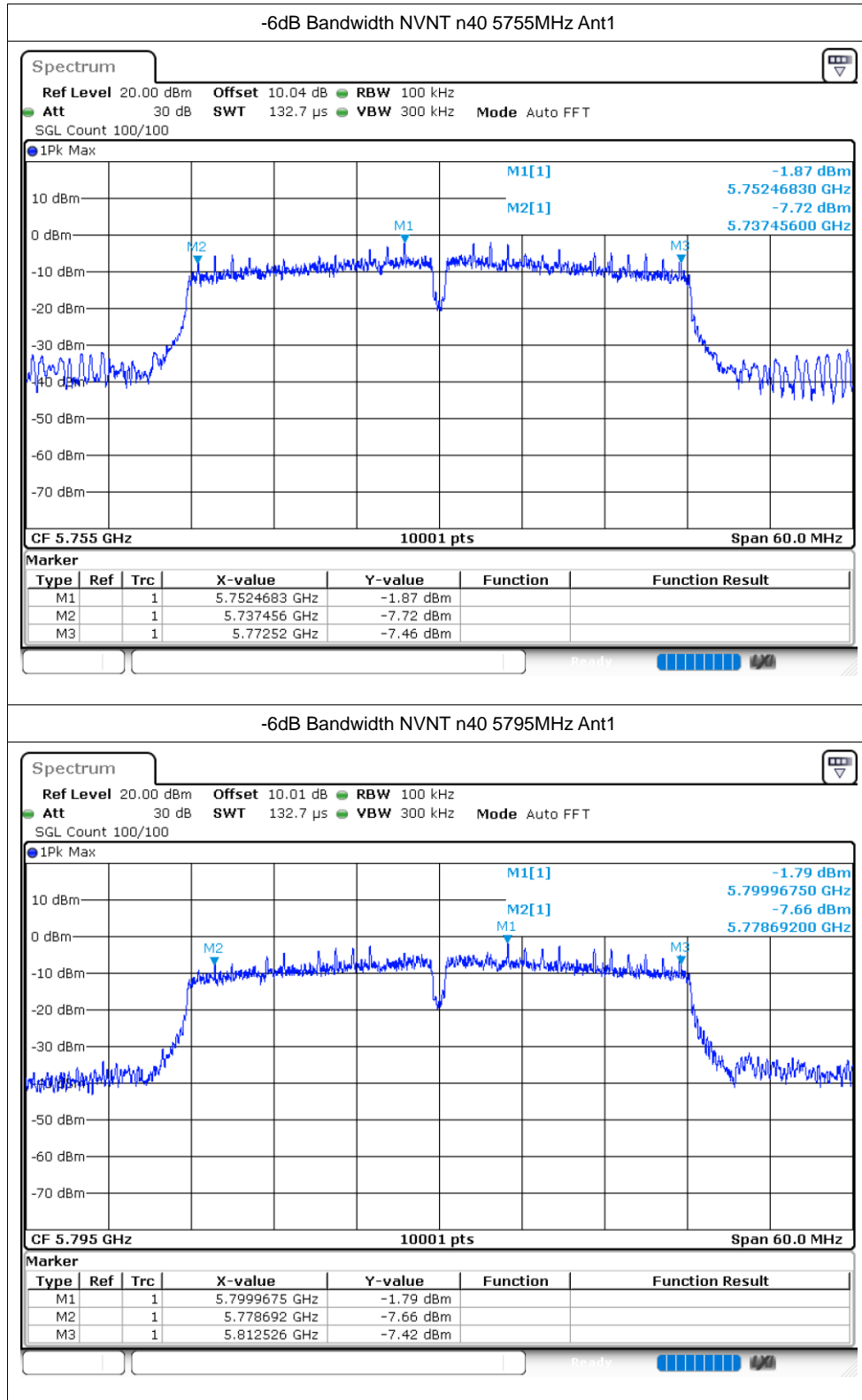


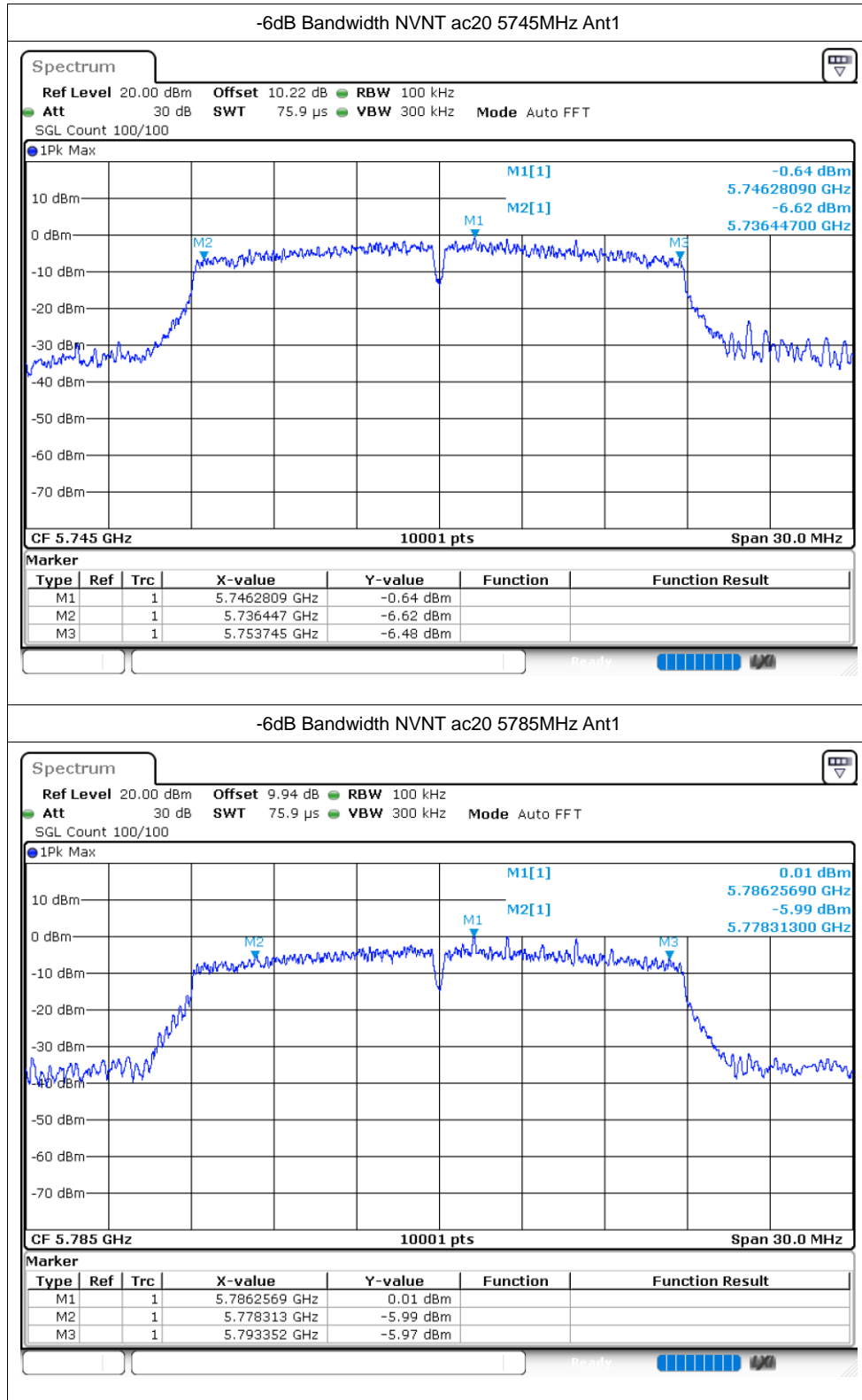
-6dB Bandwidth NVNT a 5785MHz Ant1

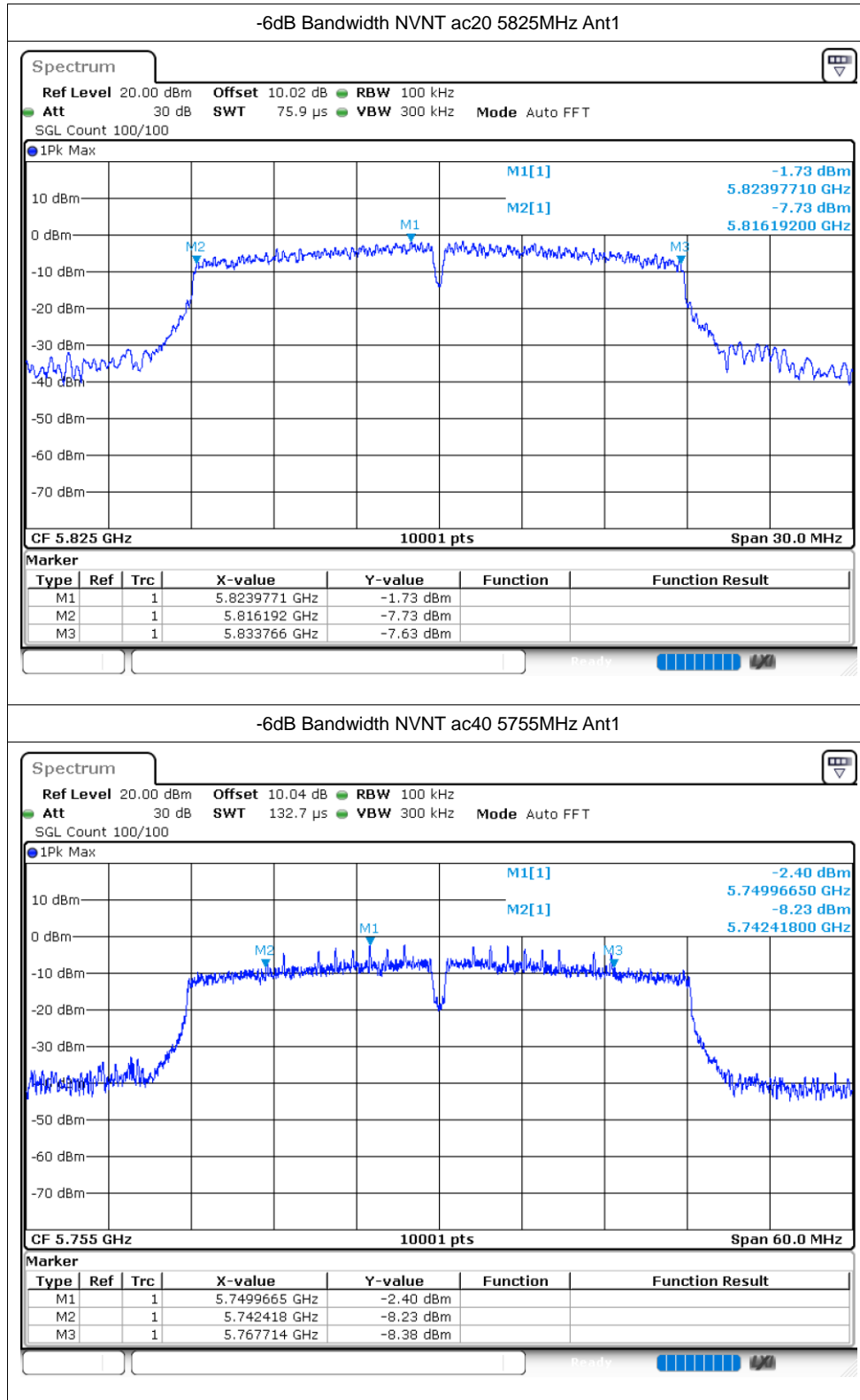


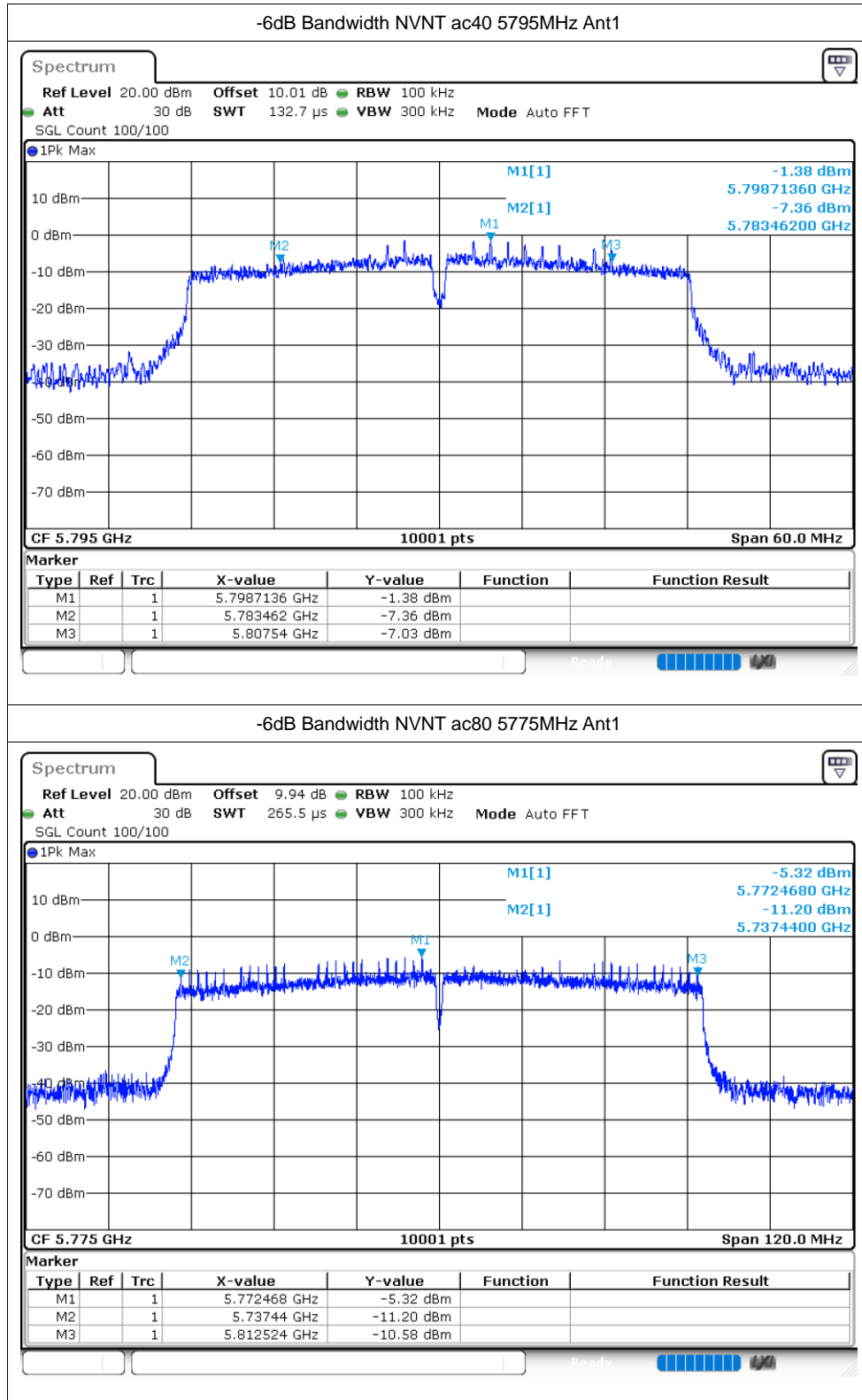










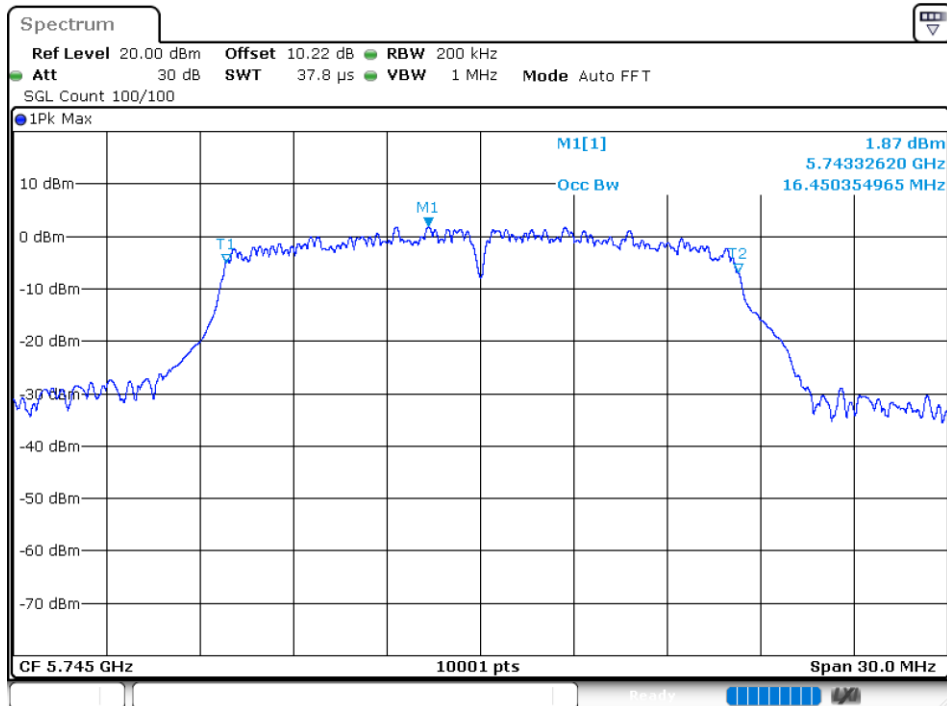


Occupied Channel Bandwidth

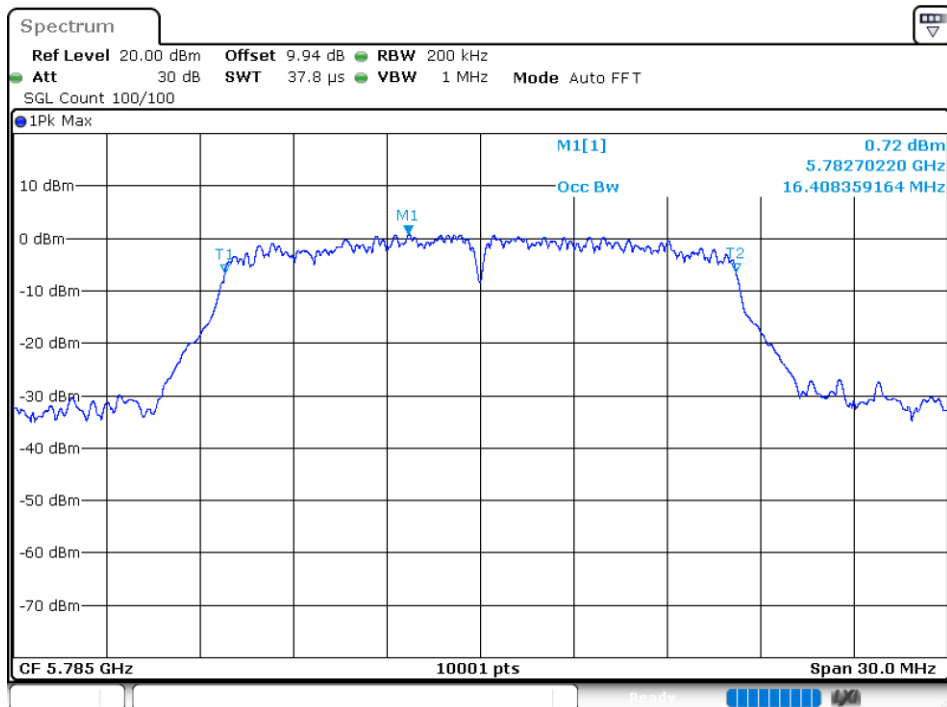
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.45
NVNT	a	5785	Ant1	16.408
NVNT	a	5825	Ant1	16.45
NVNT	n20	5745	Ant1	17.575
NVNT	n20	5785	Ant1	17.557
NVNT	n20	5825	Ant1	17.53
NVNT	n40	5755	Ant1	36.086
NVNT	n40	5795	Ant1	36.146
NVNT	ac20	5745	Ant1	17.497
NVNT	ac20	5785	Ant1	17.572
NVNT	ac20	5825	Ant1	17.593
NVNT	ac40	5755	Ant1	36.044
NVNT	ac40	5795	Ant1	36.104
NVNT	ac80	5775	Ant1	75.352

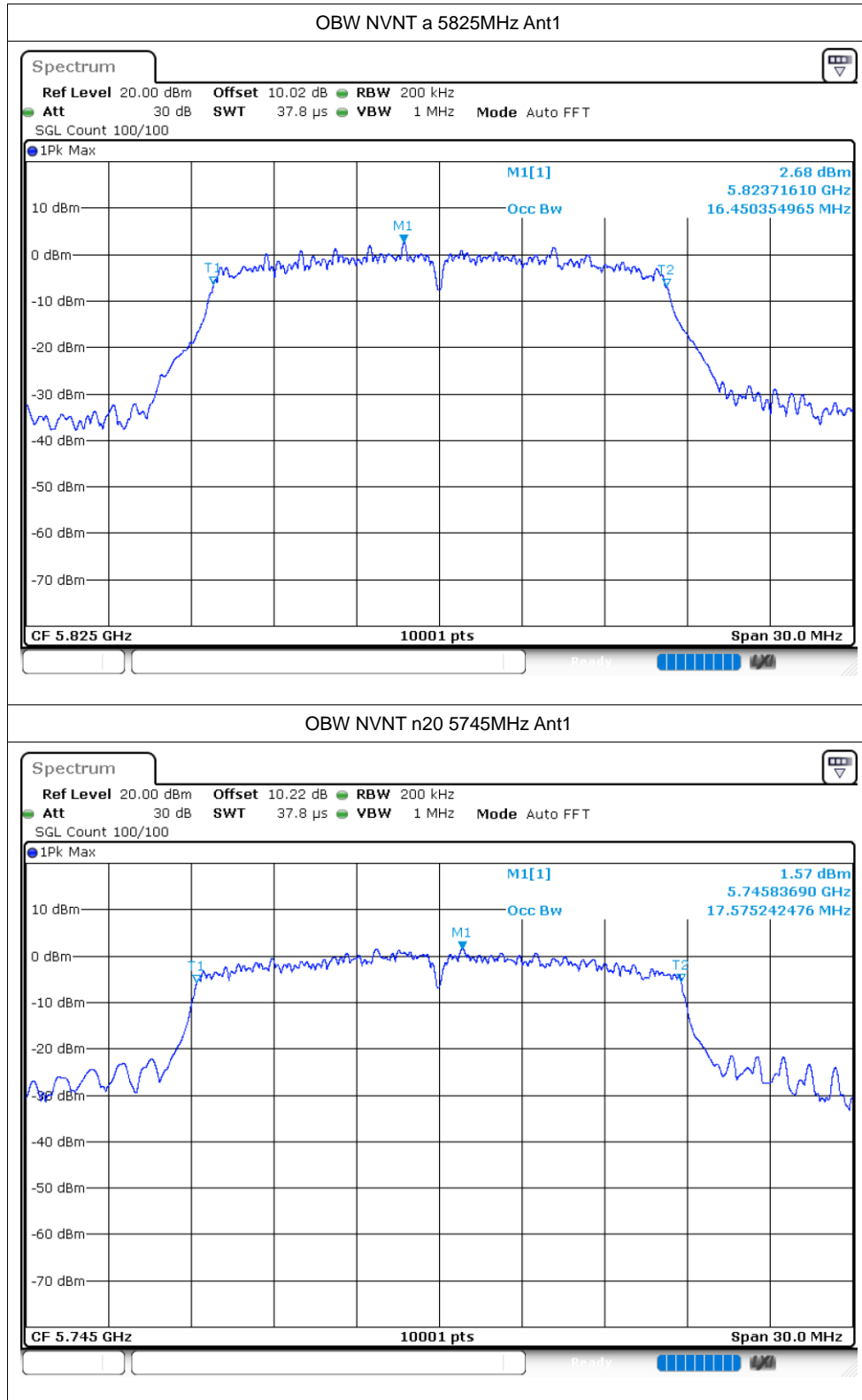
Test Graphs

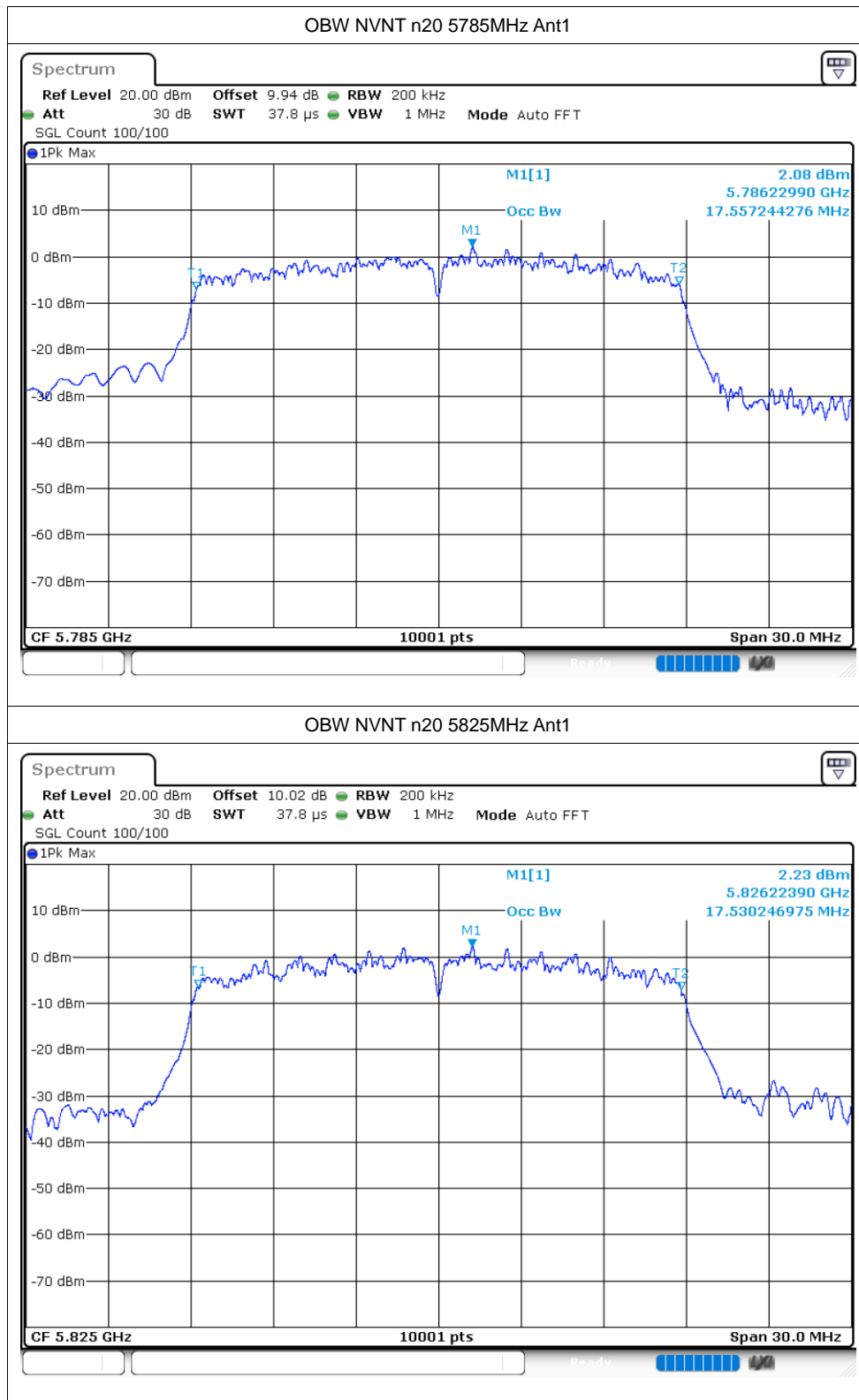
OBW NVNT a 5745MHz Ant1

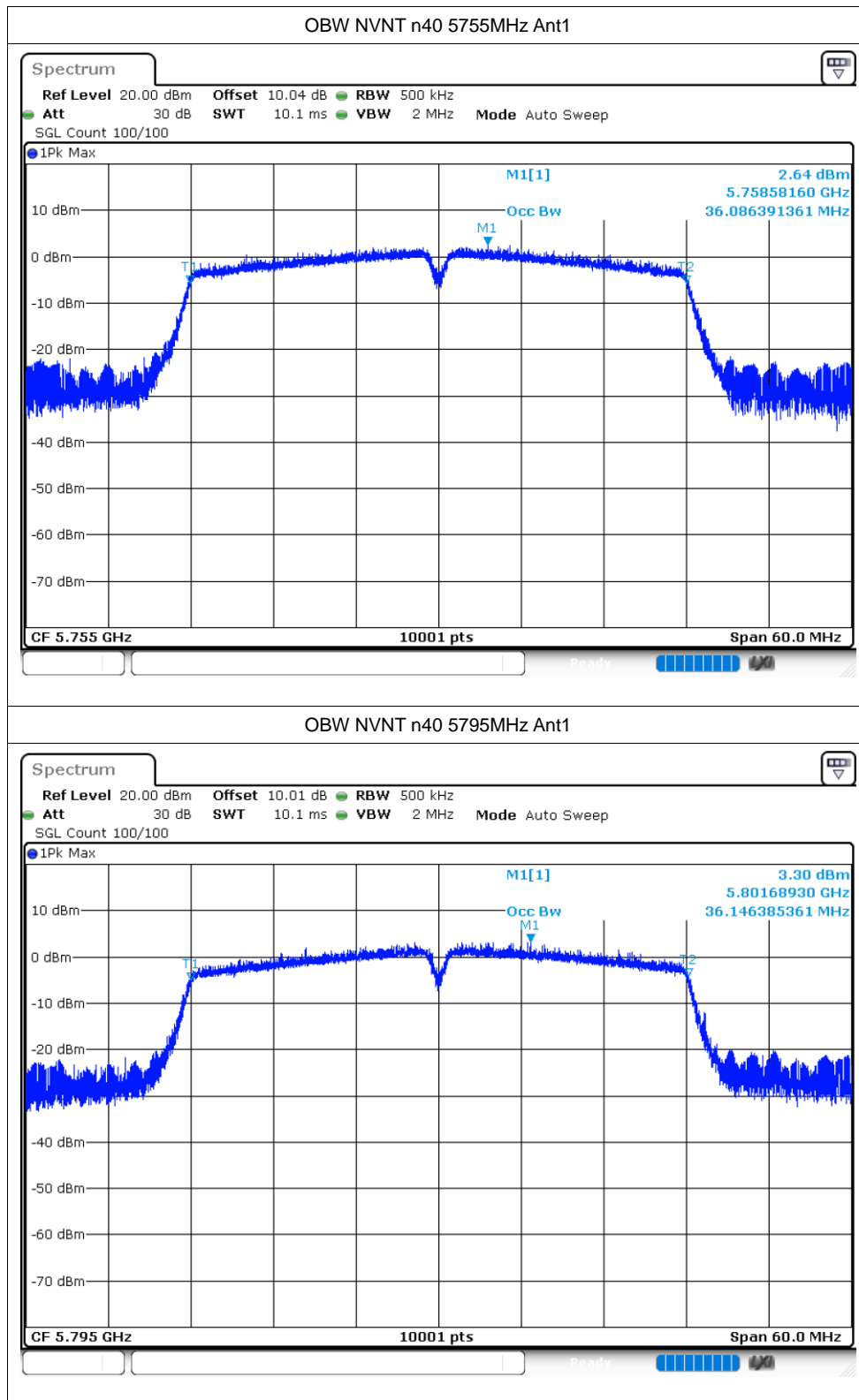


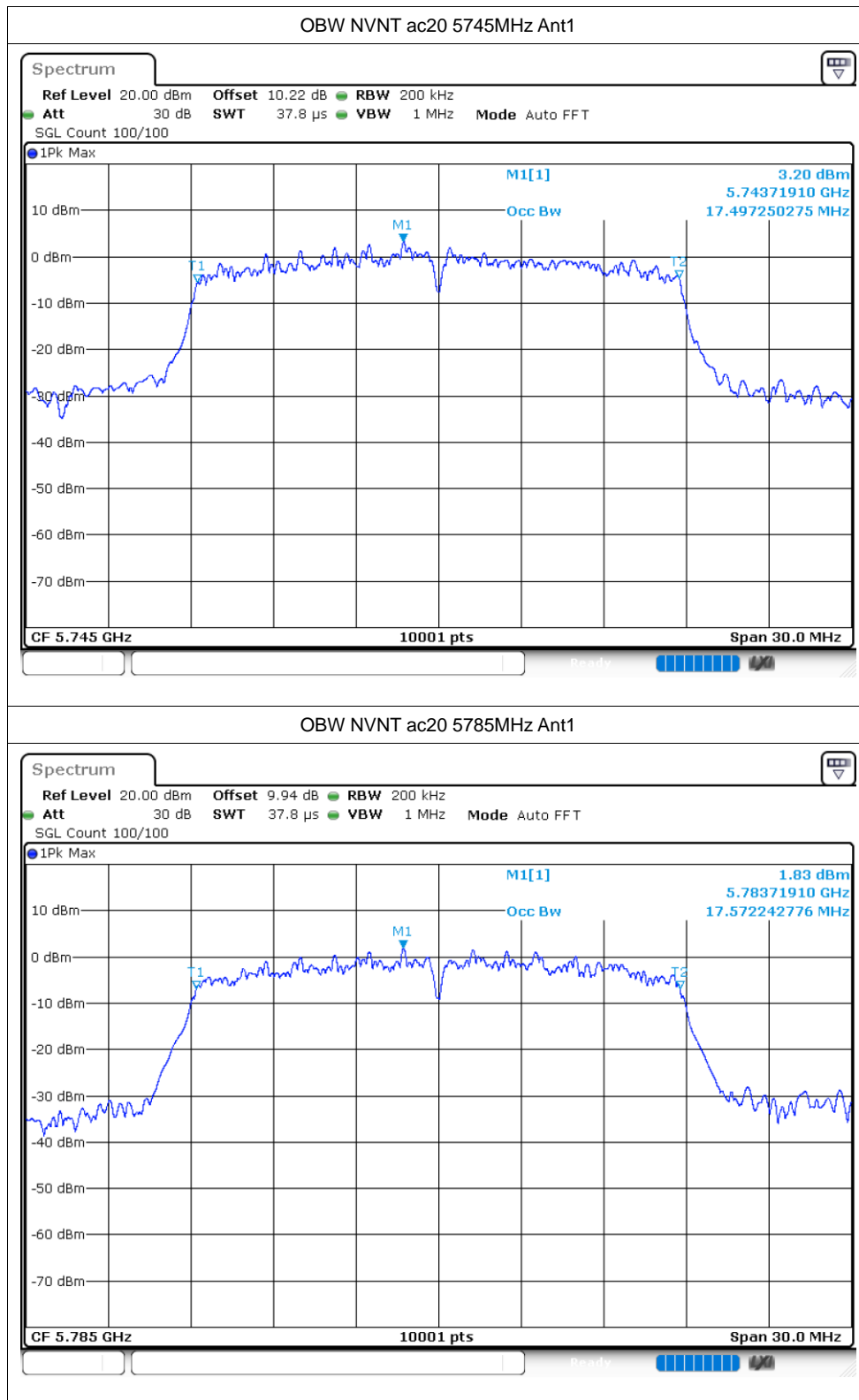
OBW NVNT a 5785MHz Ant1

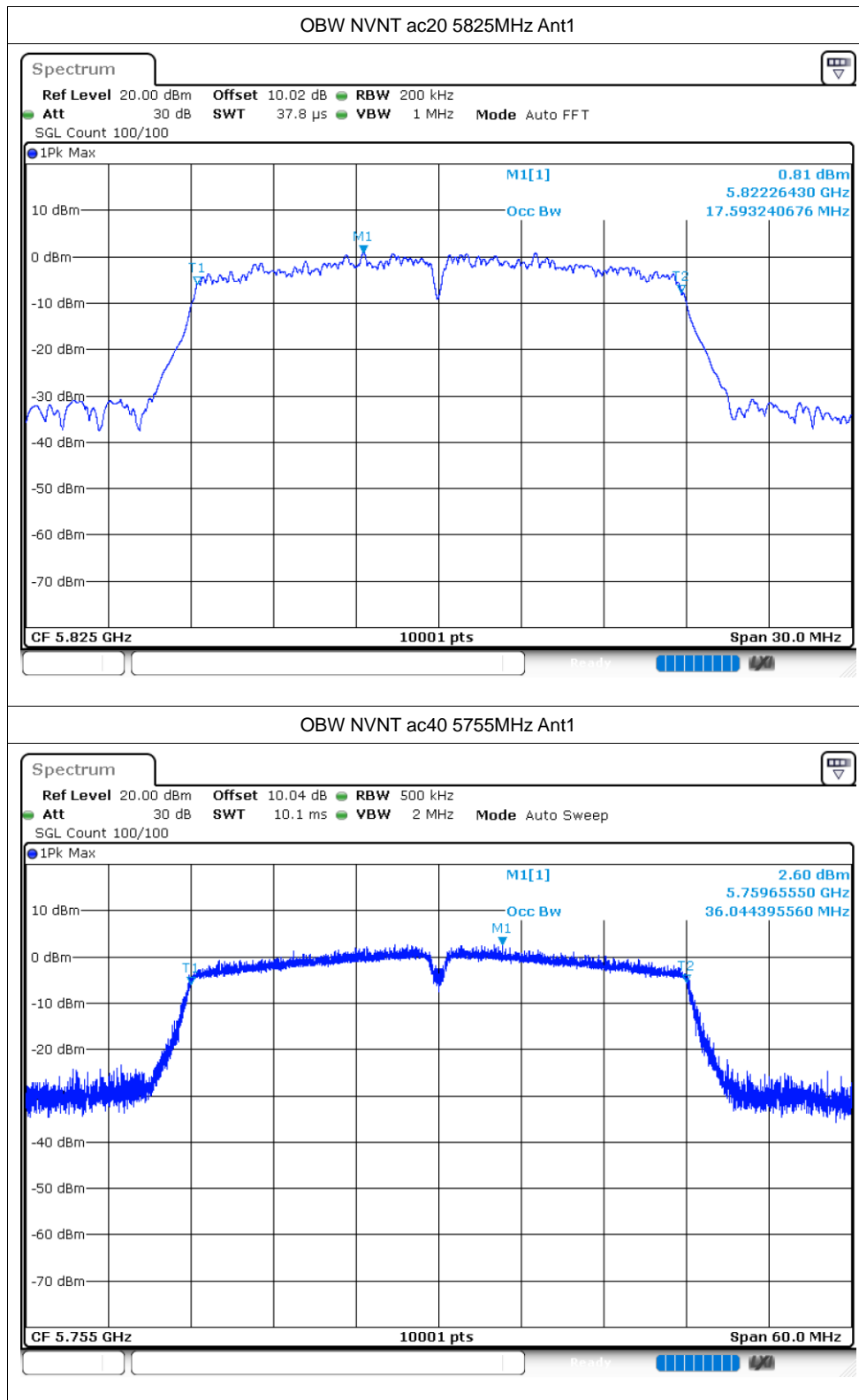


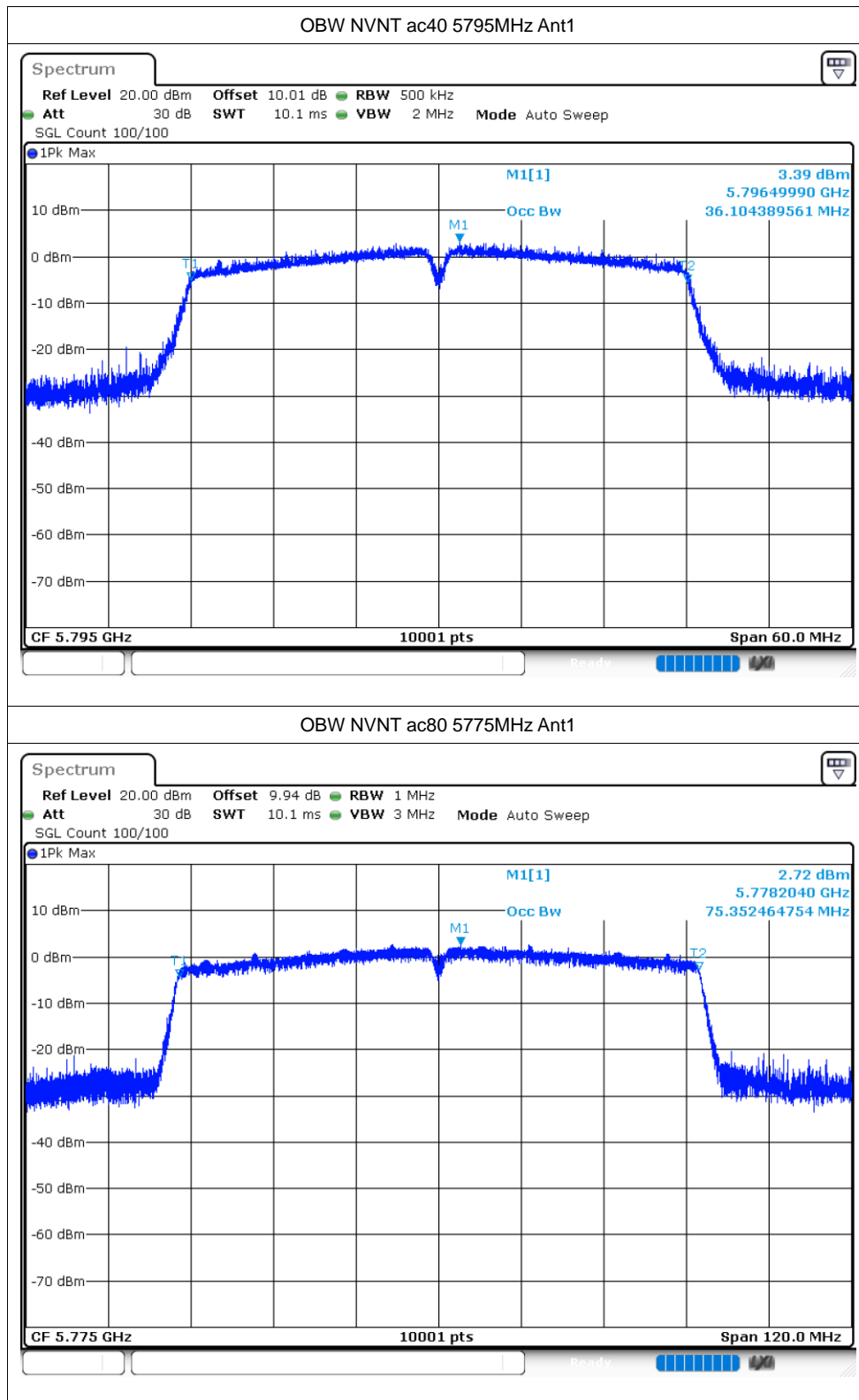










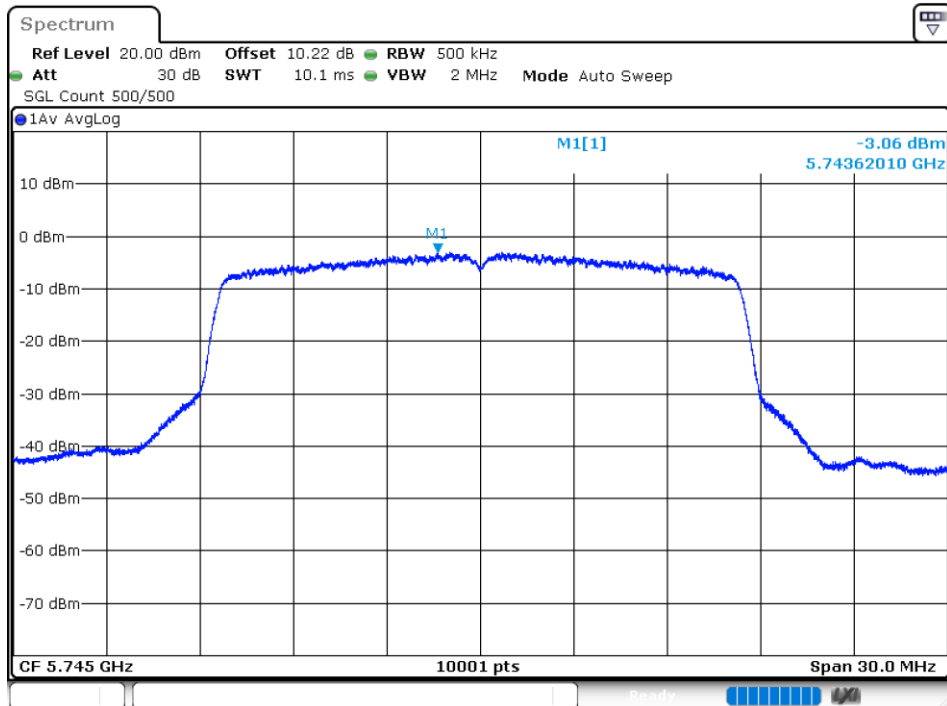


Maximum Power Spectral Density Level

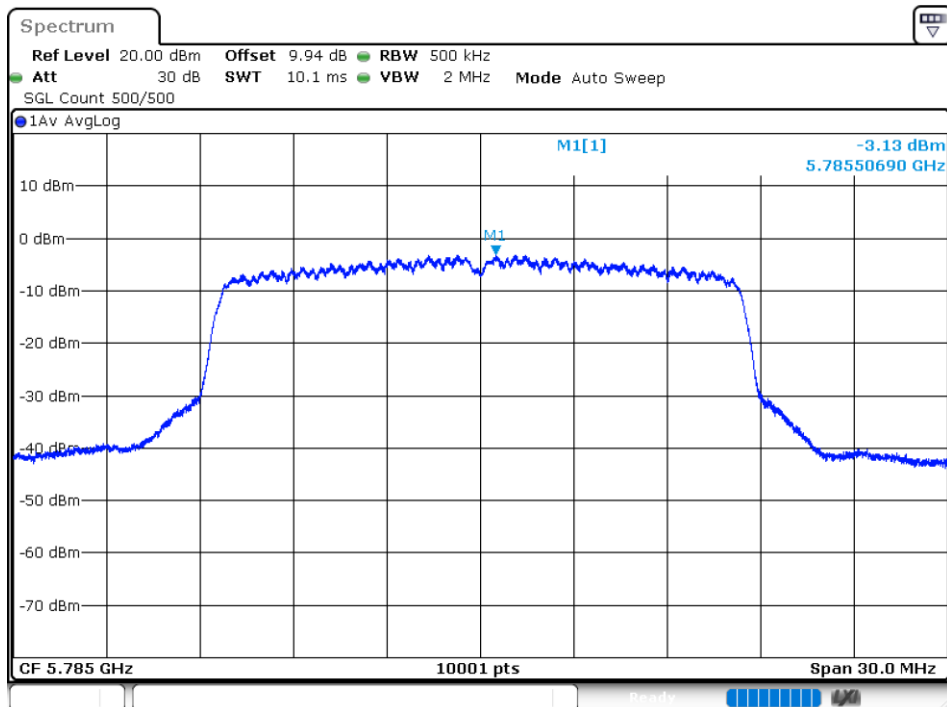
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-3.06	0.08	-2.98	30	Pass
NVNT	a	5785	Ant1	-3.13	0.08	-3.05	30	Pass
NVNT	a	5825	Ant1	-3.19	0.08	-3.11	30	Pass
NVNT	n20	5745	Ant1	-3.29	0.09	-3.2	30	Pass
NVNT	n20	5785	Ant1	-4.35	0.08	-4.27	30	Pass
NVNT	n20	5825	Ant1	-4.04	0.09	-3.95	30	Pass
NVNT	n40	5755	Ant1	-8.9	0.21	-8.69	30	Pass
NVNT	n40	5795	Ant1	-8.44	0.21	-8.23	30	Pass
NVNT	ac20	5745	Ant1	-3.52	0.08	-3.44	30	Pass
NVNT	ac20	5785	Ant1	-4.2	0.08	-4.12	30	Pass
NVNT	ac20	5825	Ant1	-3.66	0.08	-3.58	30	Pass
NVNT	ac40	5755	Ant1	-8.93	0.17	-8.76	30	Pass
NVNT	ac40	5795	Ant1	-8.36	0.23	-8.13	30	Pass
NVNT	ac80	5775	Ant1	-14.29	0.46	-13.83	30	Pass

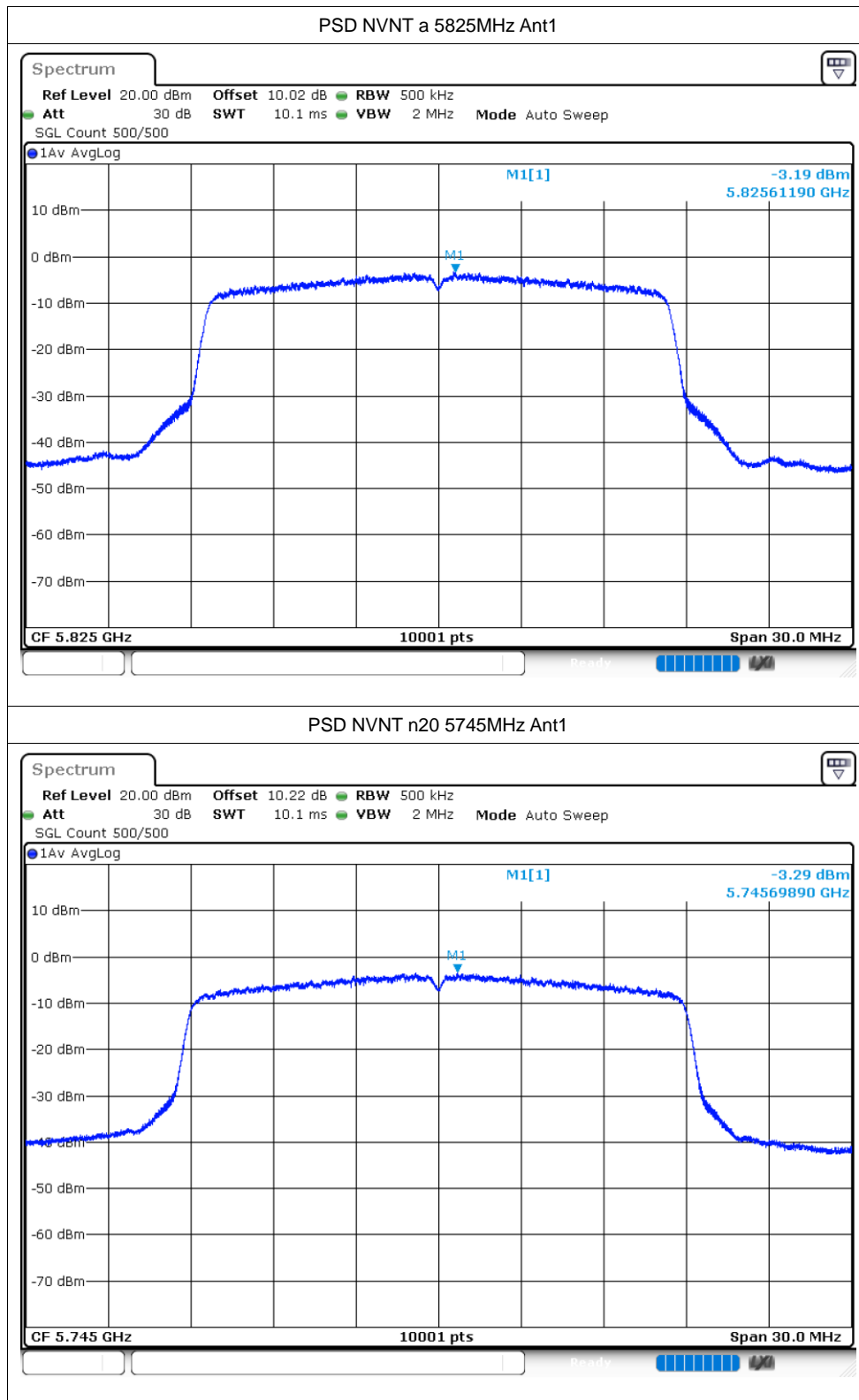
Test Graphs

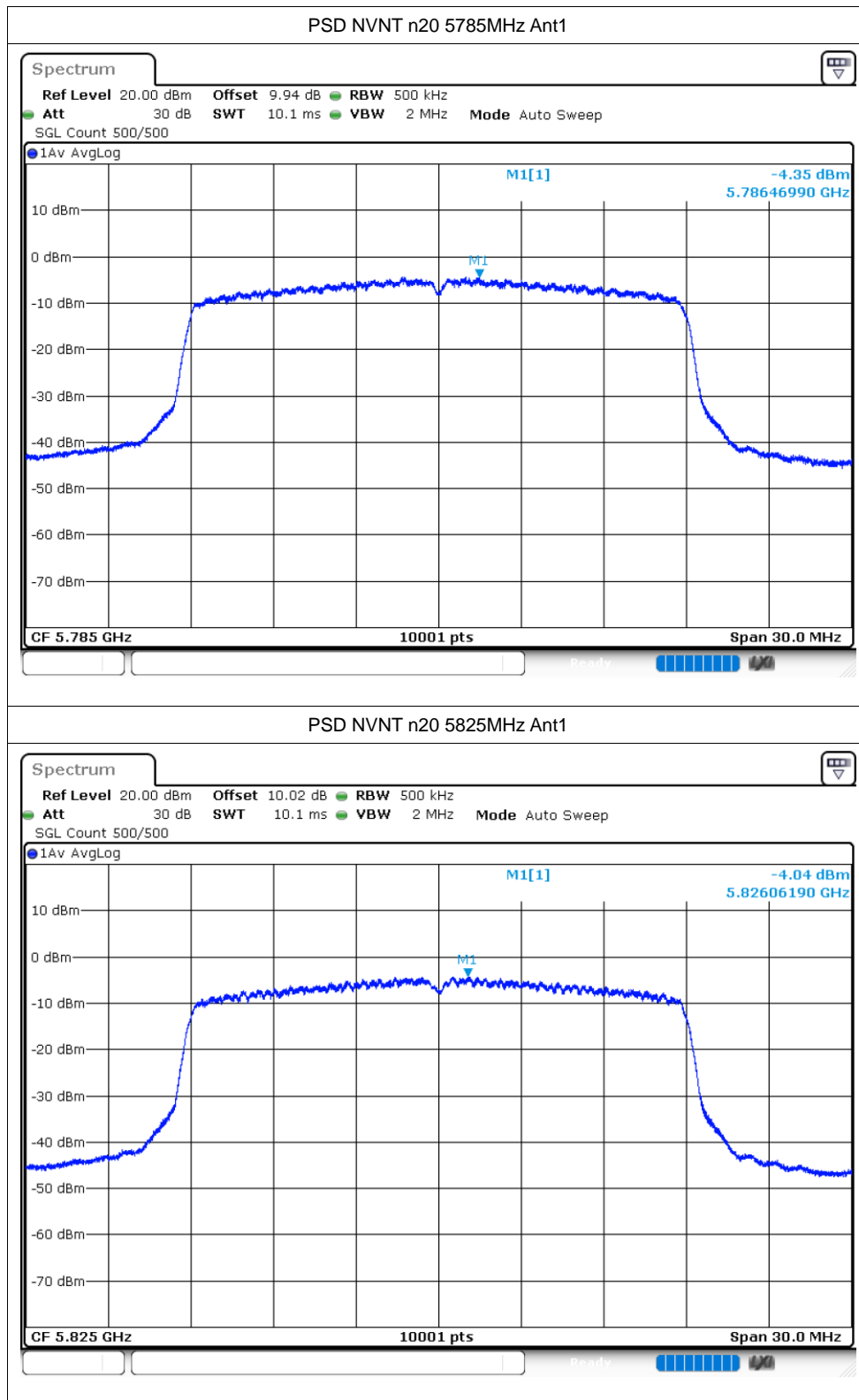
PSD NVNT a 5745MHz Ant1

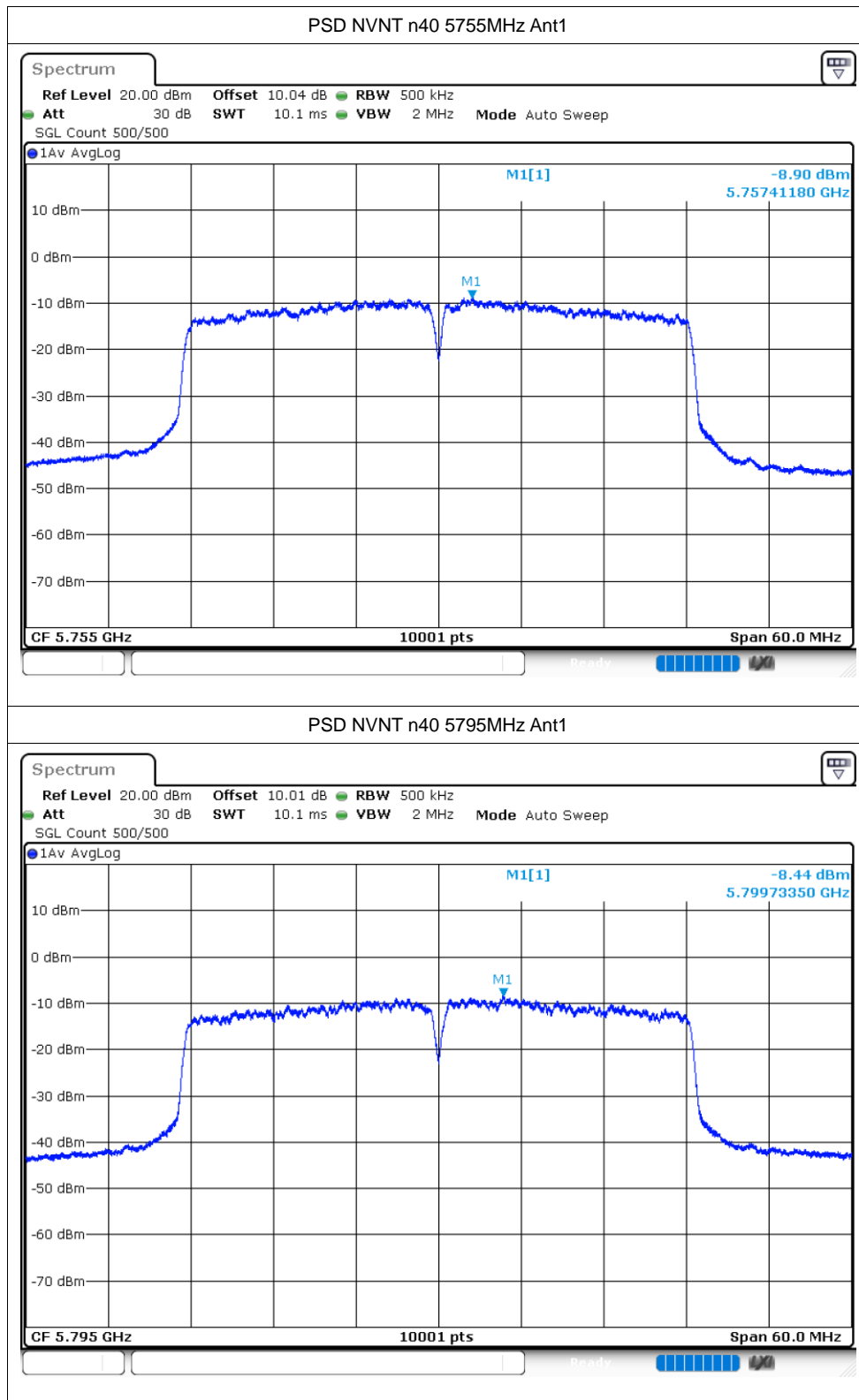


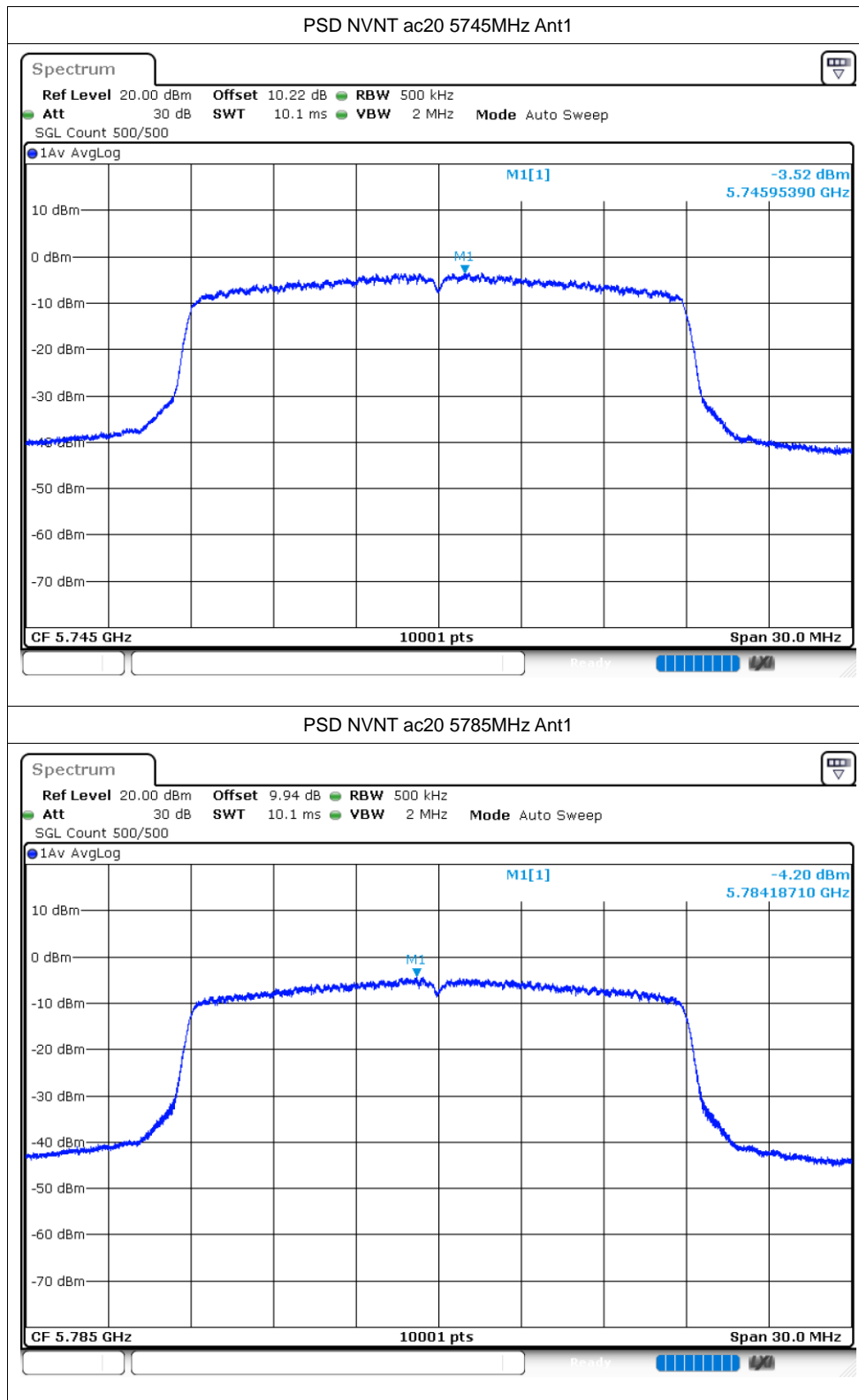
PSD NVNT a 5785MHz Ant1

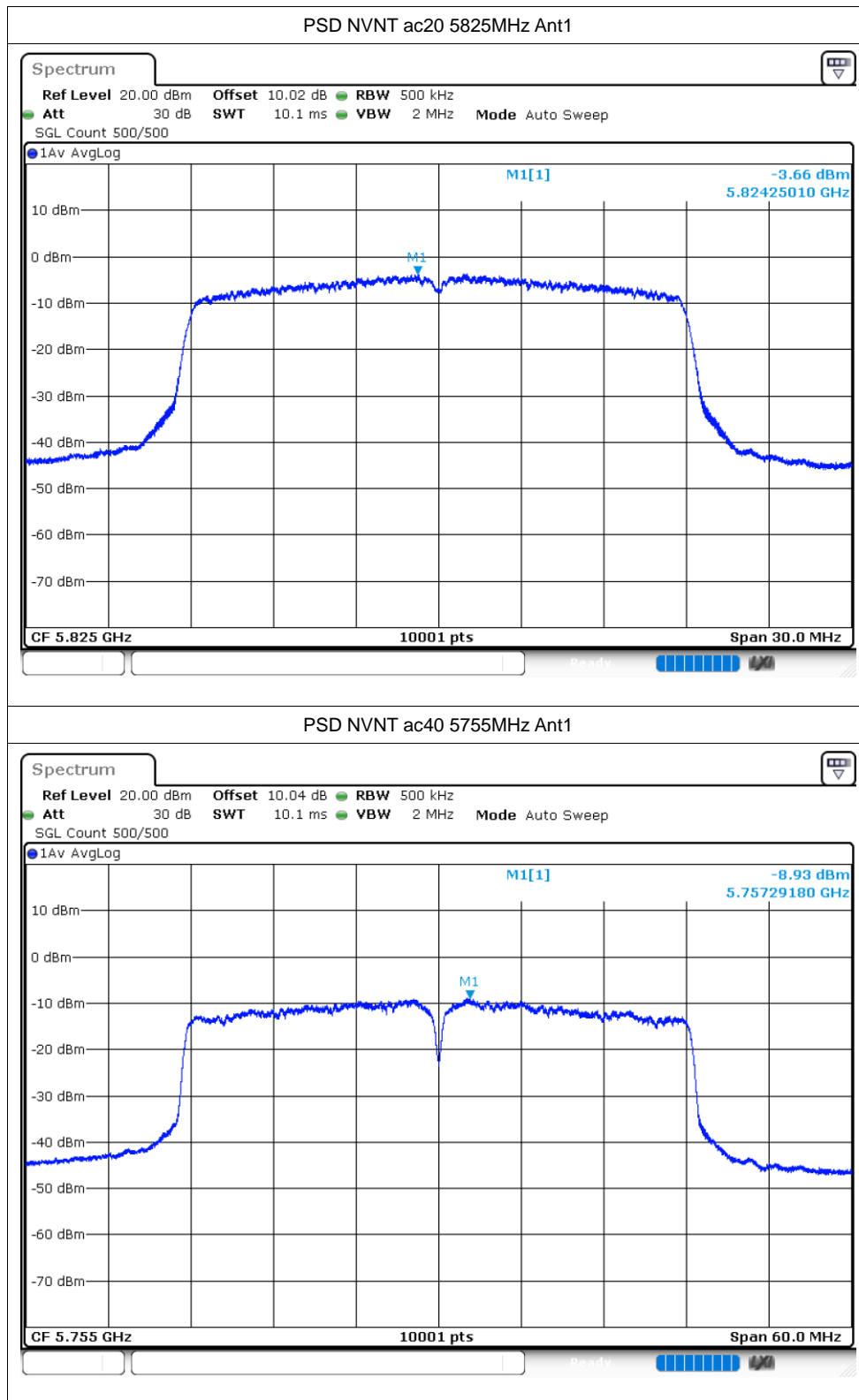


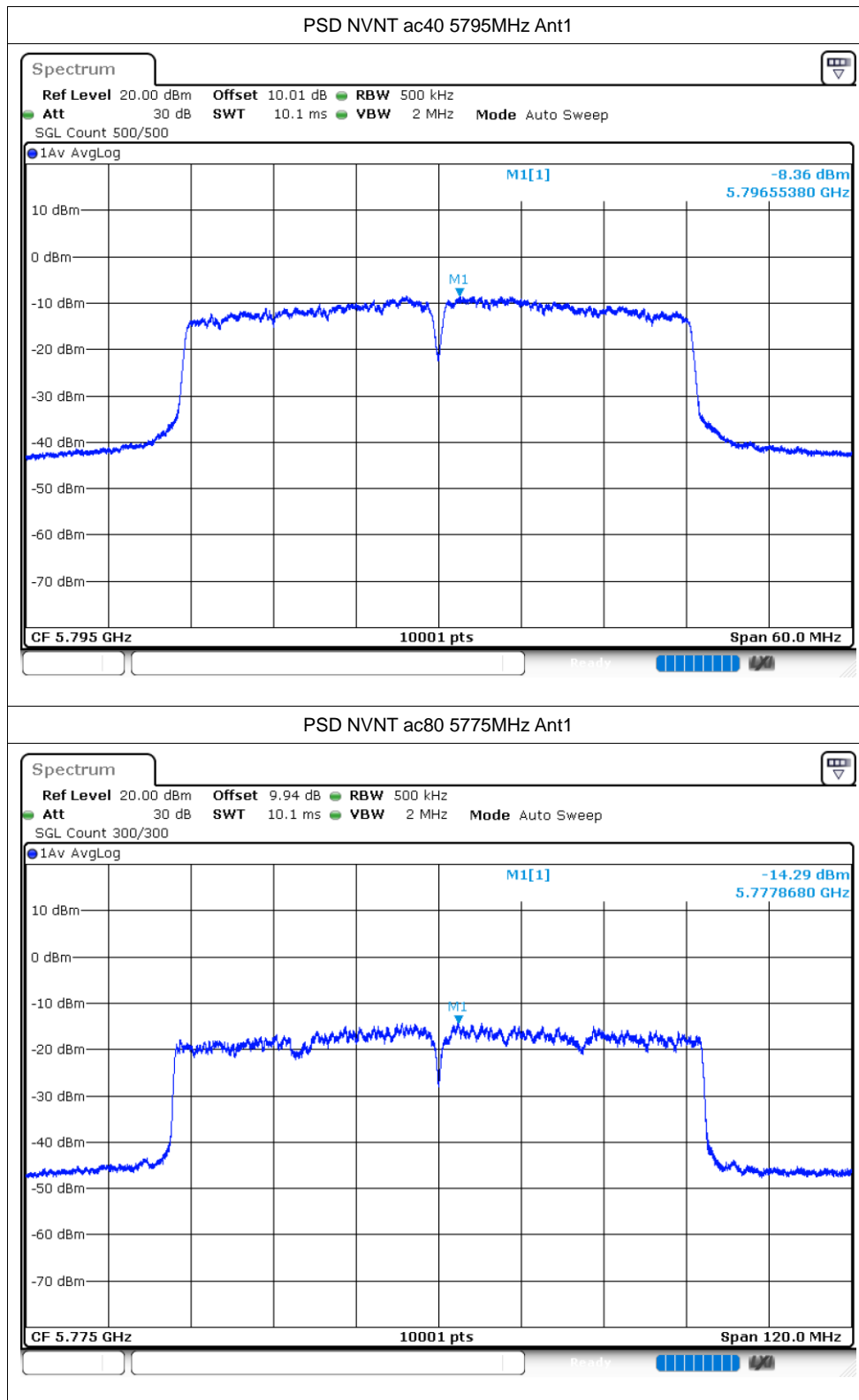










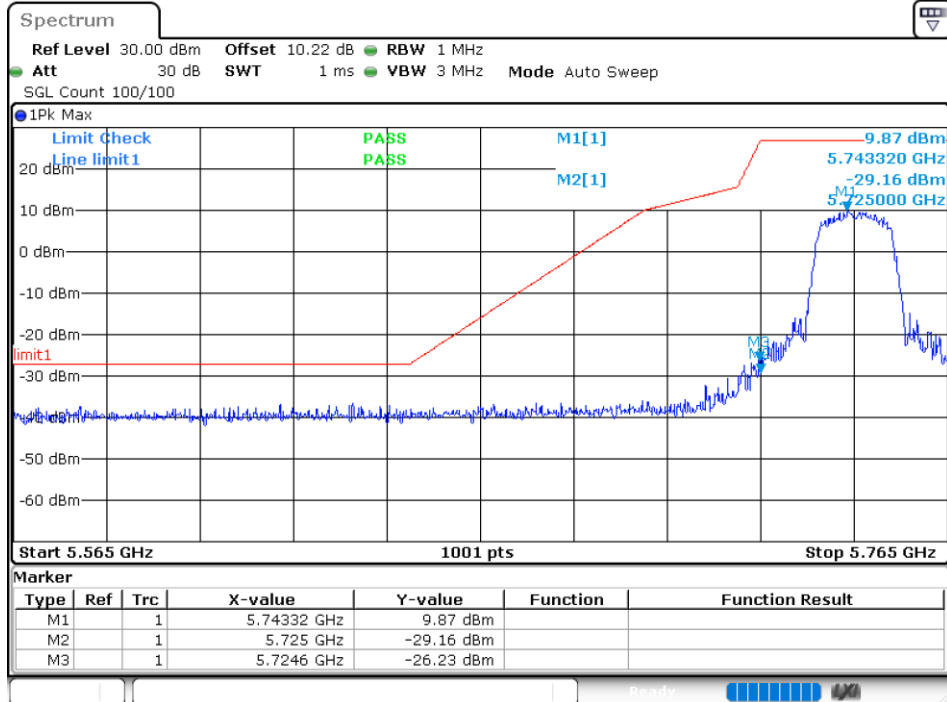


Band Edge

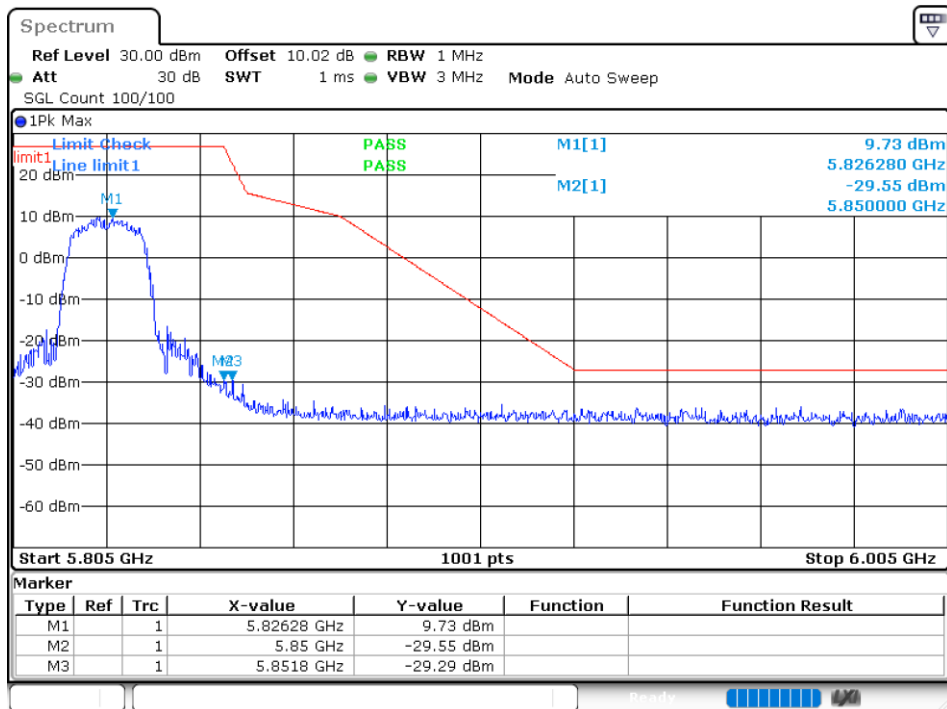
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-26.23	Pass
NVNT	a	5825	Ant1	-29.29	Pass
NVNT	n20	5745	Ant1	-22.31	Pass
NVNT	n20	5825	Ant1	-28.27	Pass
NVNT	n40	5755	Ant1	-17.23	Pass
NVNT	n40	5795	Ant1	-30.58	Pass
NVNT	ac20	5745	Ant1	-22.46	Pass
NVNT	ac20	5825	Ant1	-28.75	Pass
NVNT	ac40	5755	Ant1	-23.37	Pass
NVNT	ac40	5795	Ant1	-30.32	Pass
NVNT	ac80	5775	Ant1	-25.63	Pass

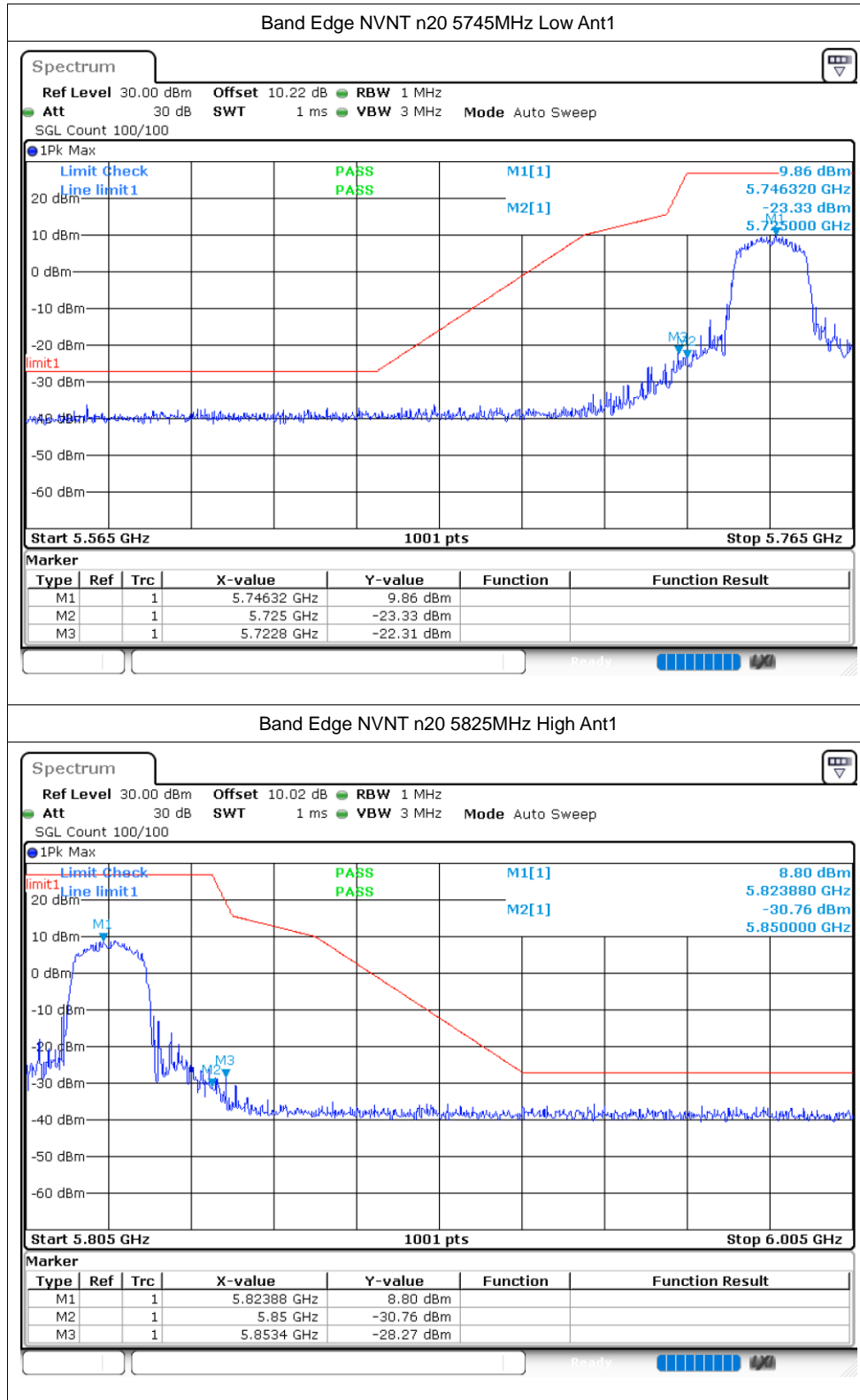
Test Graphs

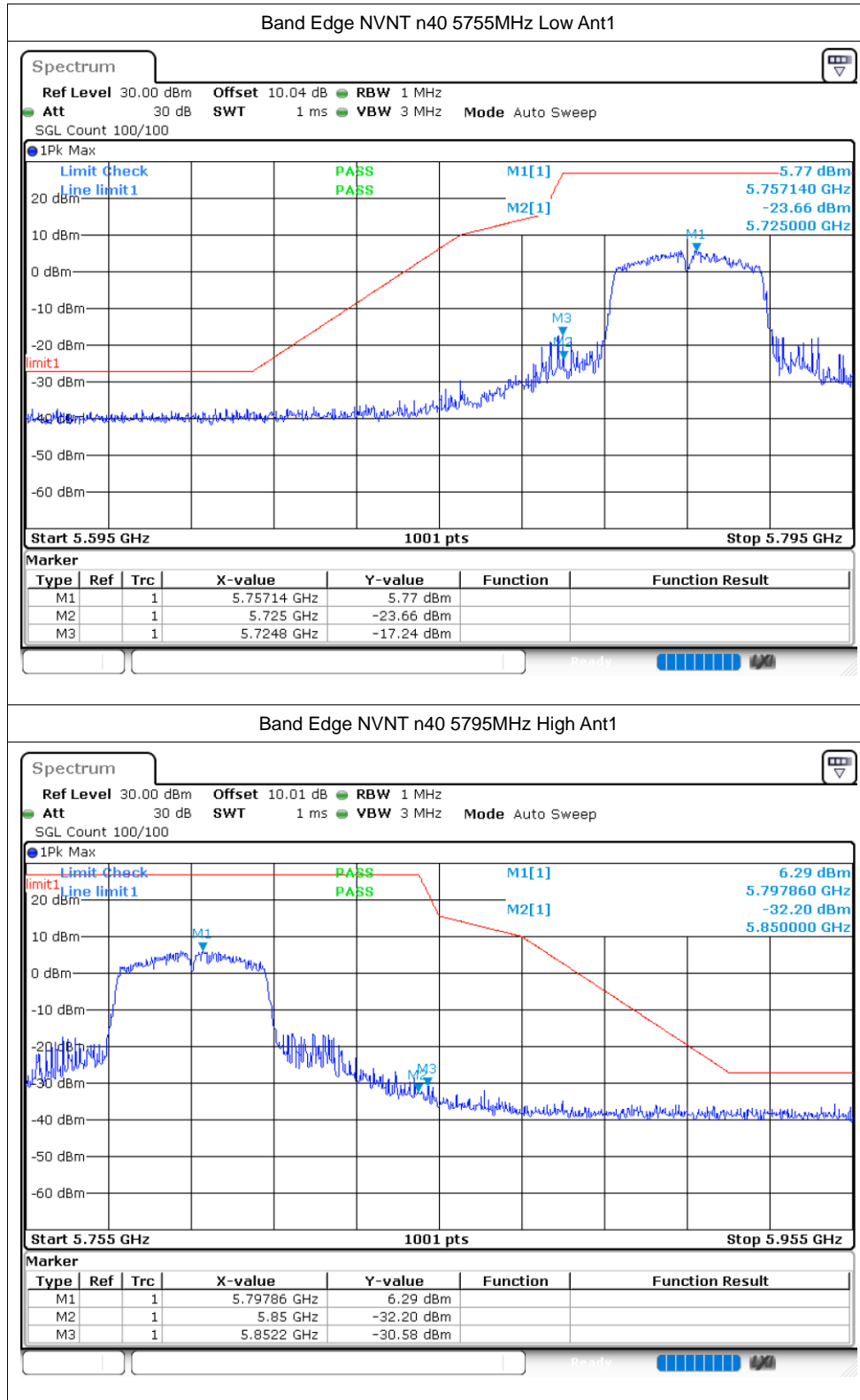
Band Edge NVNT a 5745MHz Low Ant1

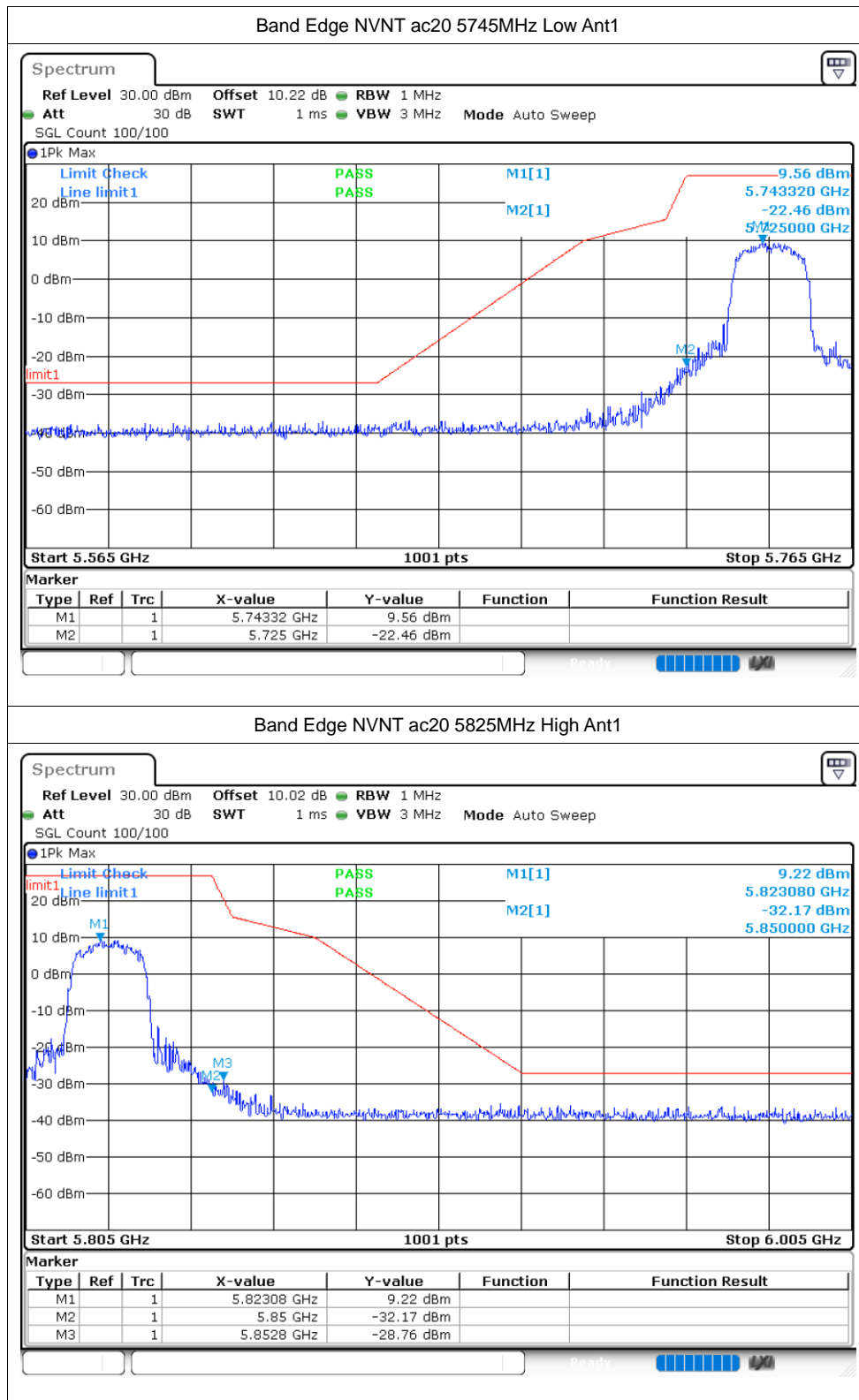


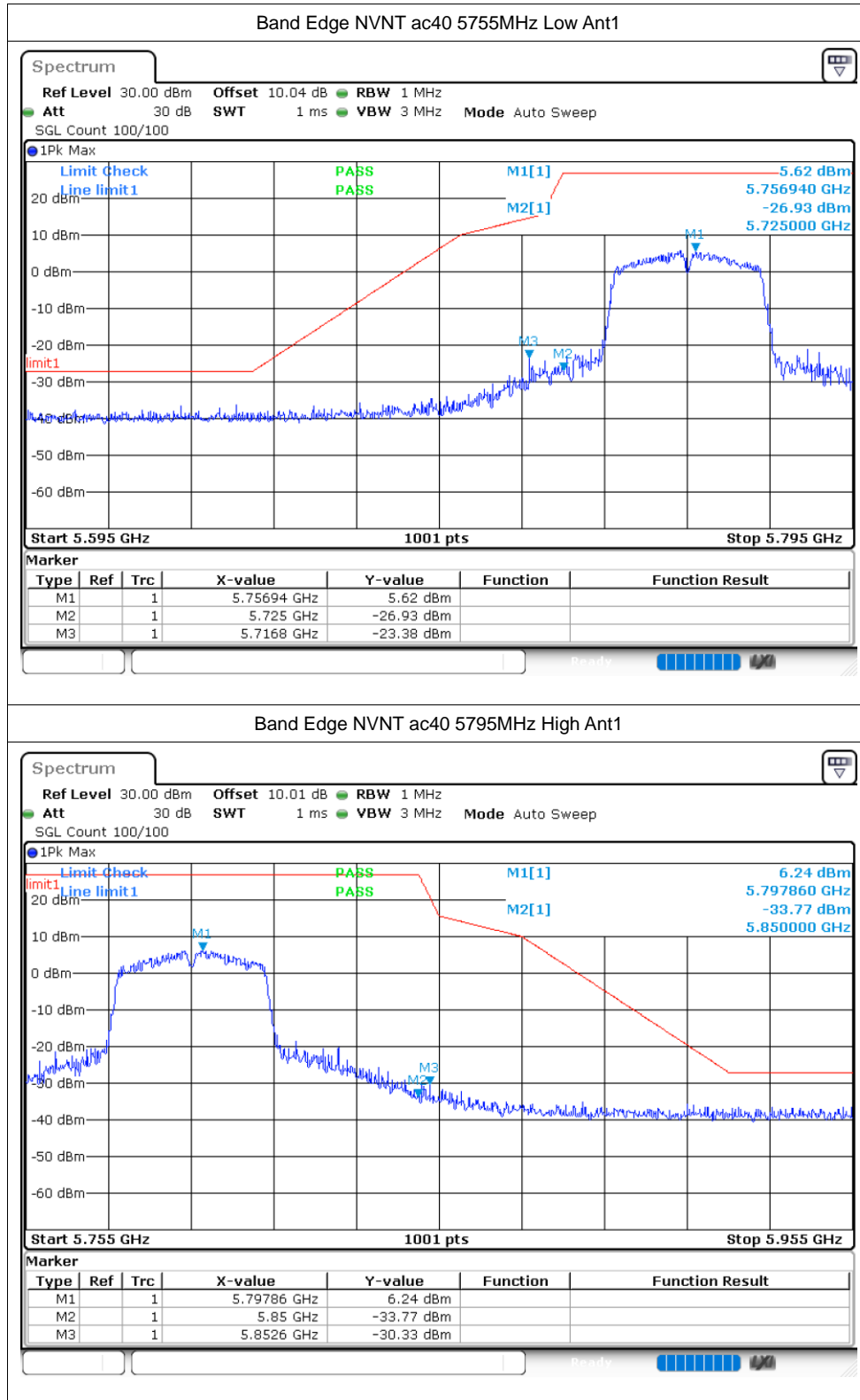
Band Edge NVNT a 5825MHz High Ant1

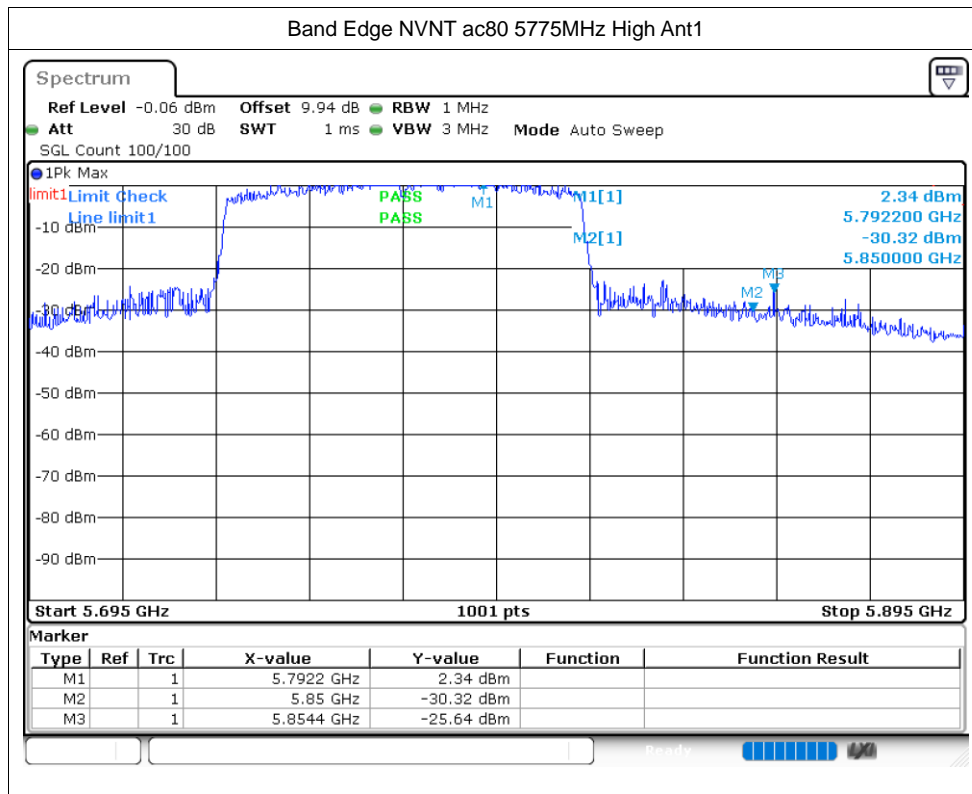










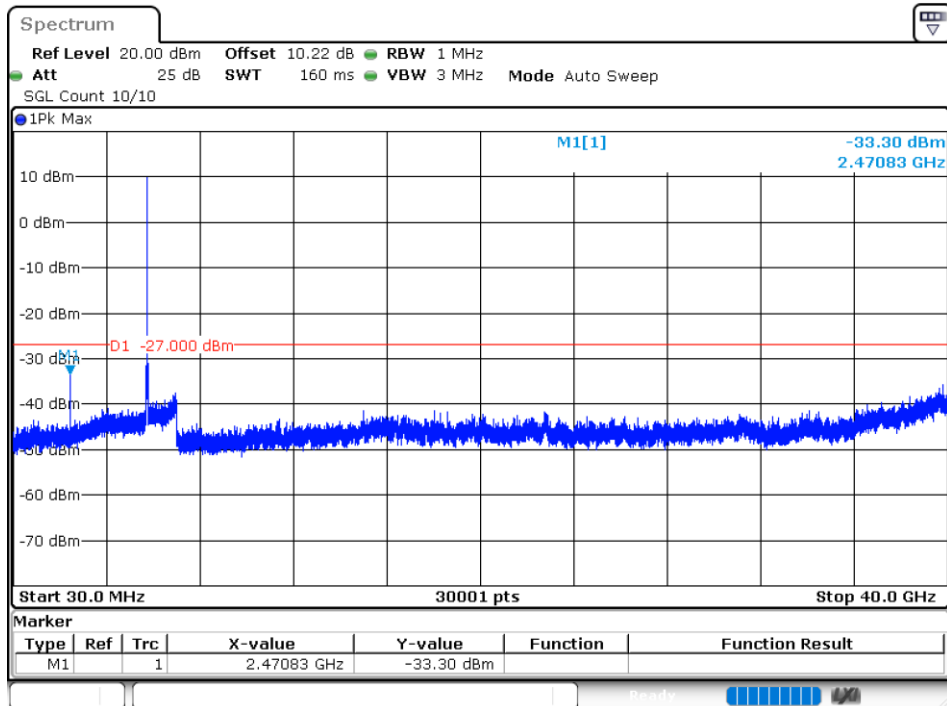


Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-33.3	-27	Pass
NVNT	a	5785	Ant1	-36.86	-27	Pass
NVNT	a	5825	Ant1	-36.88	-27	Pass
NVNT	n20	5745	Ant1	-35.34	-27	Pass
NVNT	n20	5785	Ant1	-36.08	-27	Pass
NVNT	n20	5825	Ant1	-36.18	-27	Pass
NVNT	n40	5755	Ant1	-37.23	-27	Pass
NVNT	n40	5795	Ant1	-37.68	-27	Pass
NVNT	ac20	5745	Ant1	-36.72	-27	Pass
NVNT	ac20	5785	Ant1	-36.84	-27	Pass
NVNT	ac20	5825	Ant1	-36.46	-27	Pass
NVNT	ac40	5755	Ant1	-36.15	-27	Pass
NVNT	ac40	5795	Ant1	-37.19	-27	Pass
NVNT	ac80	5775	Ant1	-36.95	-27	Pass

Test Graphs

Tx. Spurious NVNT a 5745MHz Ant1 Emission



Tx. Spurious NVNT a 5785MHz Ant1 Emission

