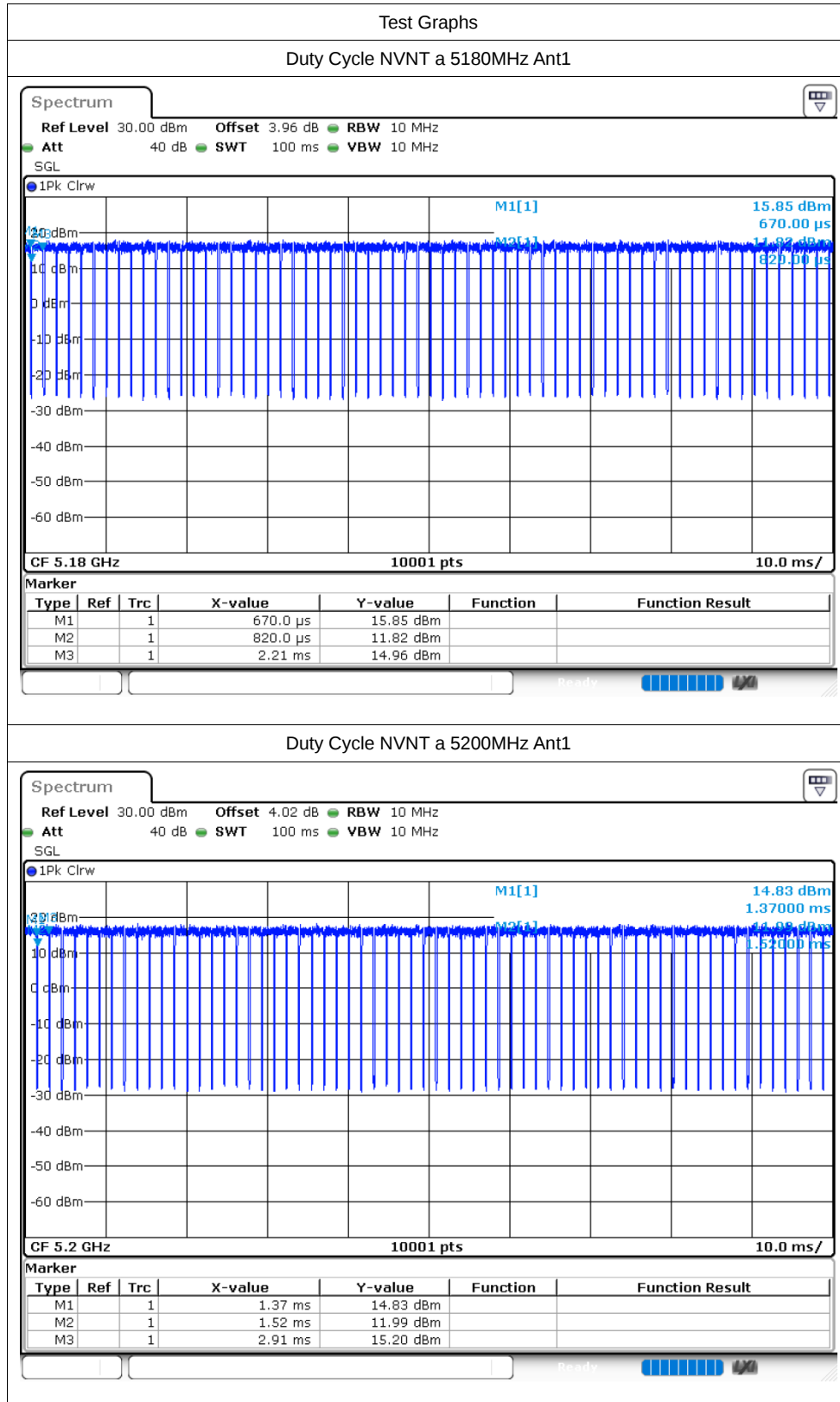
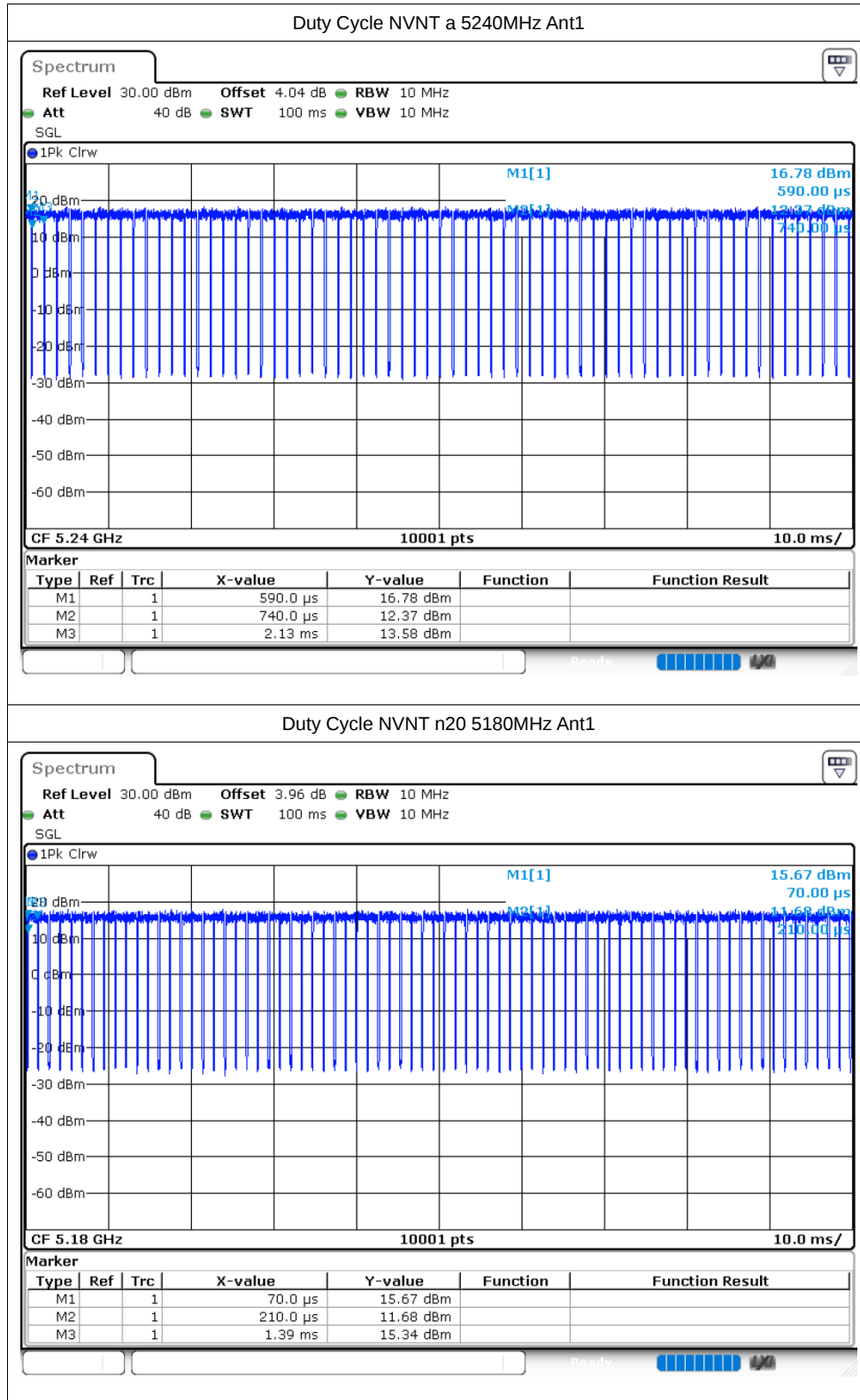


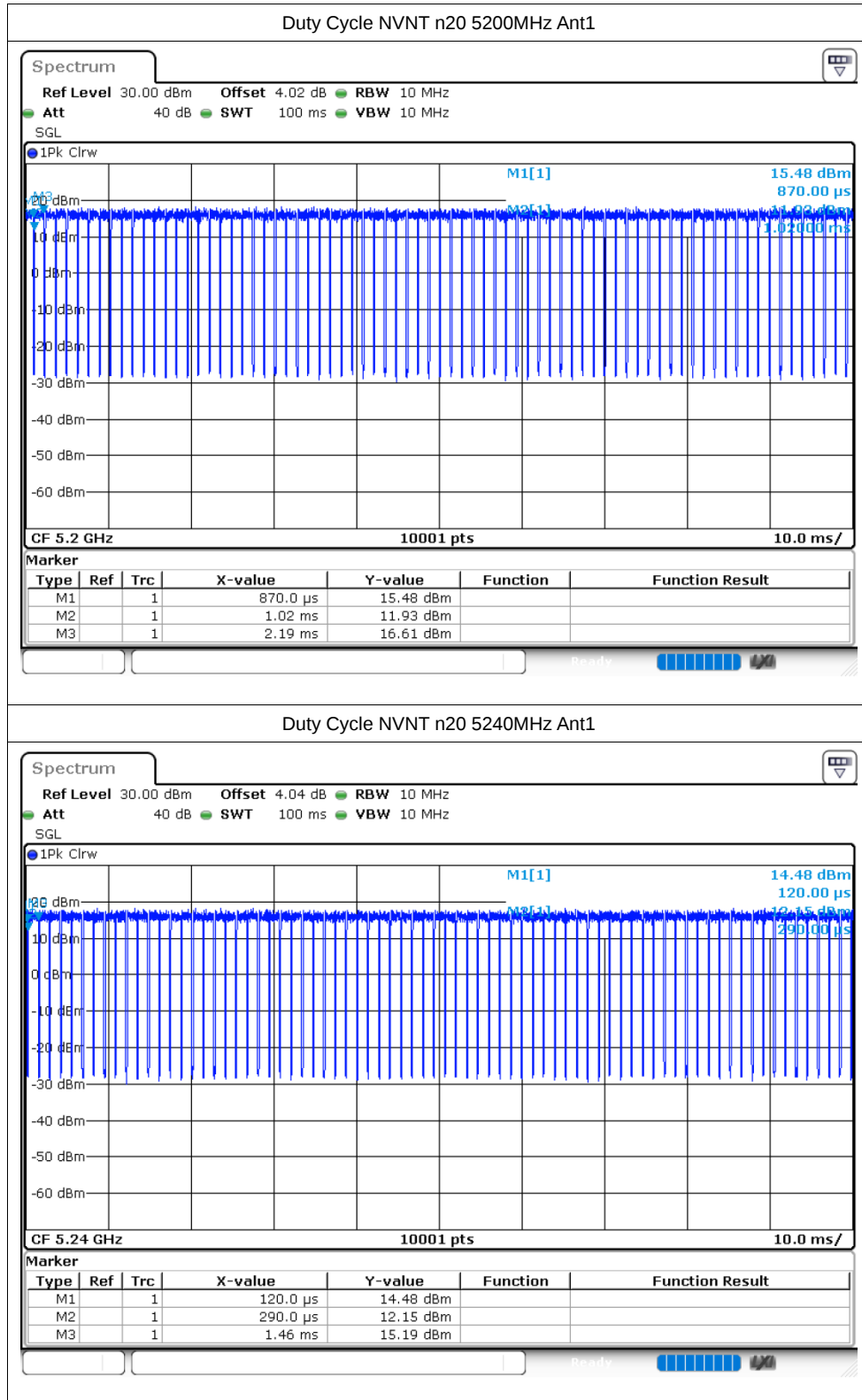
WIFI 5.2G

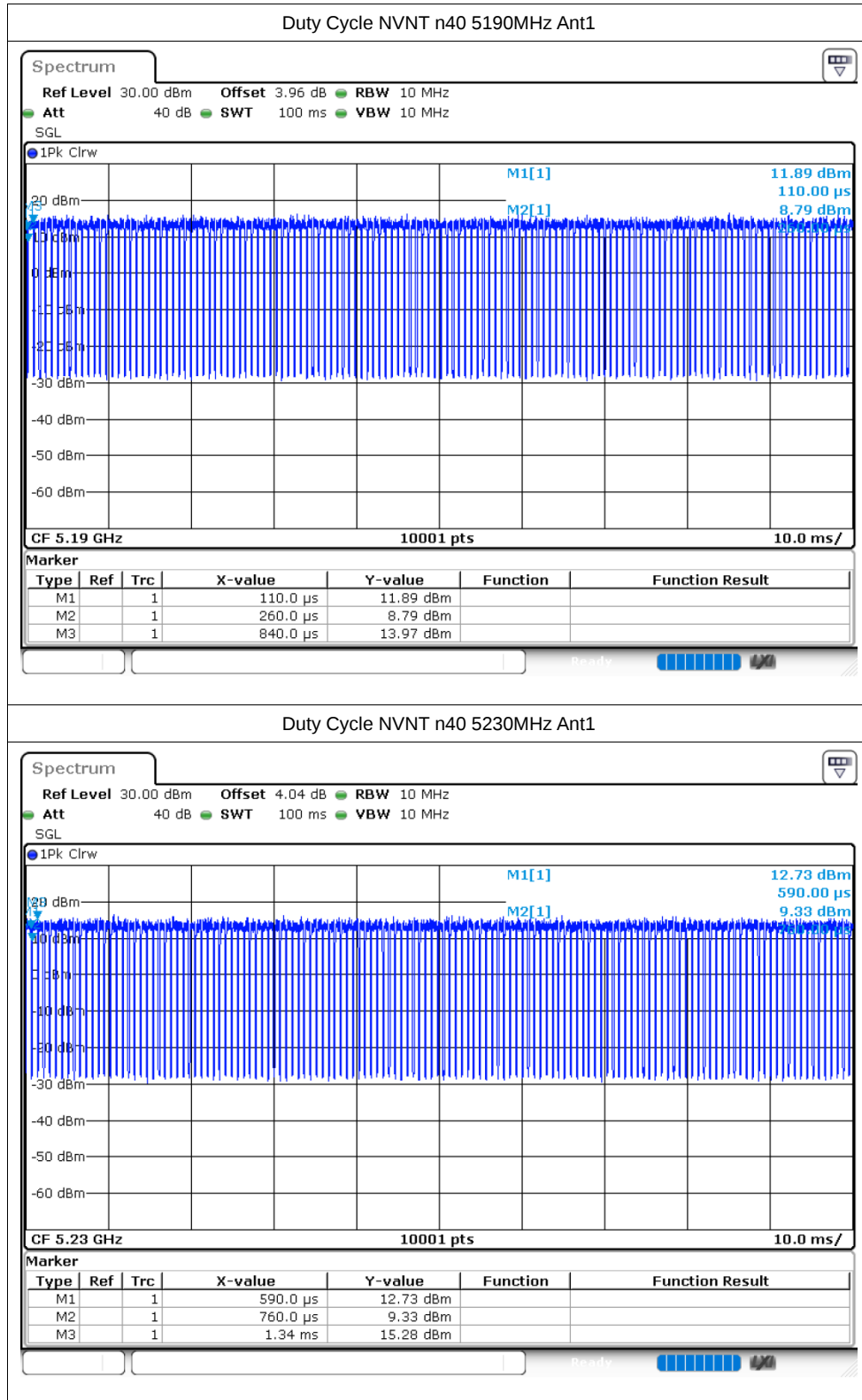
Duty Cycle

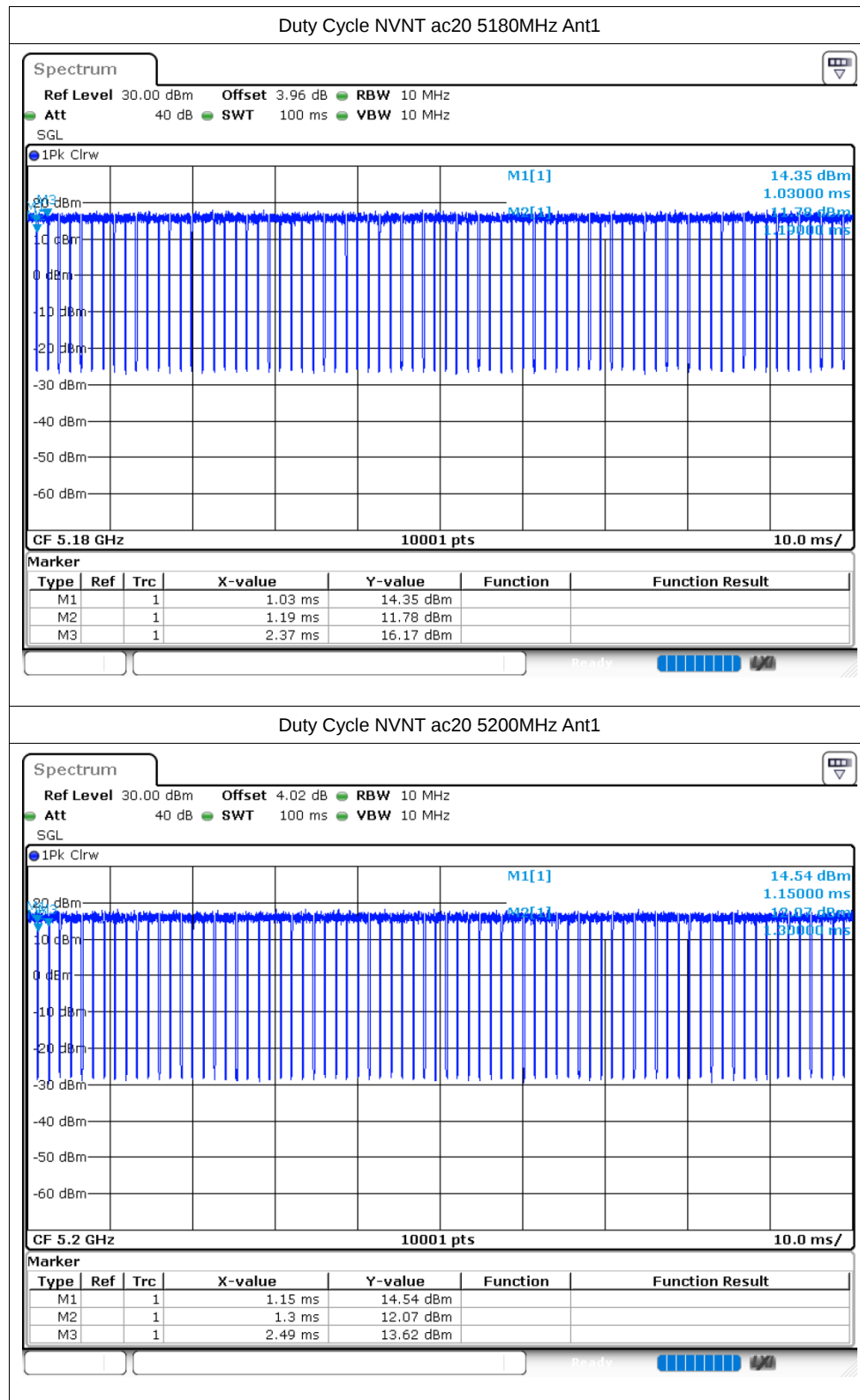
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	90.75	0.42	0.72
NVNT	a	5200	Ant1	90.84	0.42	0.72
NVNT	a	5240	Ant1	90.73	0.42	0.72
NVNT	n20	5180	Ant1	88.99	0.51	0.85
NVNT	n20	5200	Ant1	89.11	0.5	0.85
NVNT	n20	5240	Ant1	89.03	0.5	0.85
NVNT	n40	5190	Ant1	81.15	0.91	1.72
NVNT	n40	5230	Ant1	81.51	0.89	1.72
NVNT	ac20	5180	Ant1	89.31	0.49	0.85
NVNT	ac20	5200	Ant1	89.3	0.49	0.84
NVNT	ac20	5240	Ant1	89.19	0.5	0.84
NVNT	ac40	5190	Ant1	80.62	0.94	1.69
NVNT	ac40	5230	Ant1	80.48	0.94	1.69
NVNT	ac80	5210	Ant1	68.73	1.63	3.33

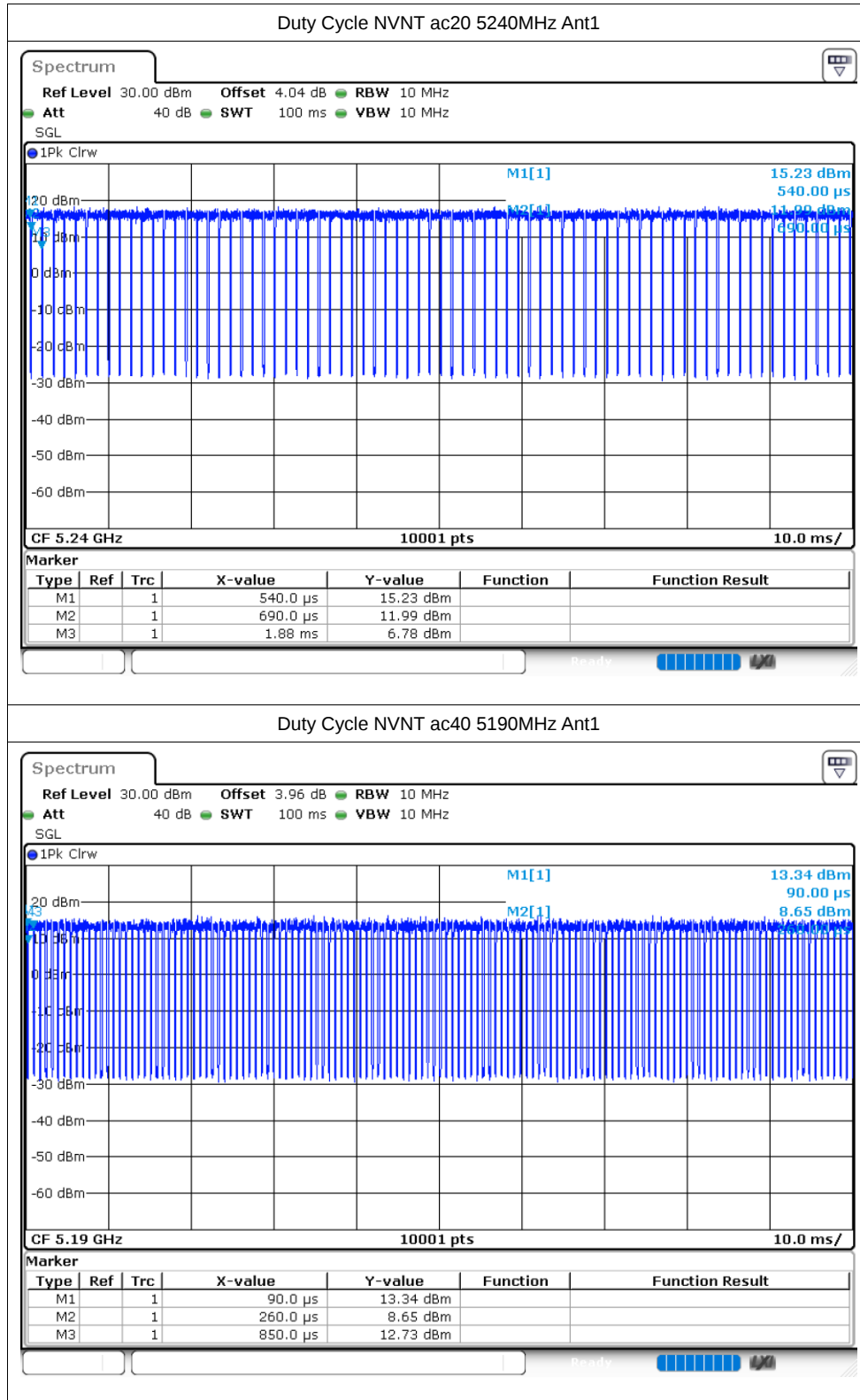


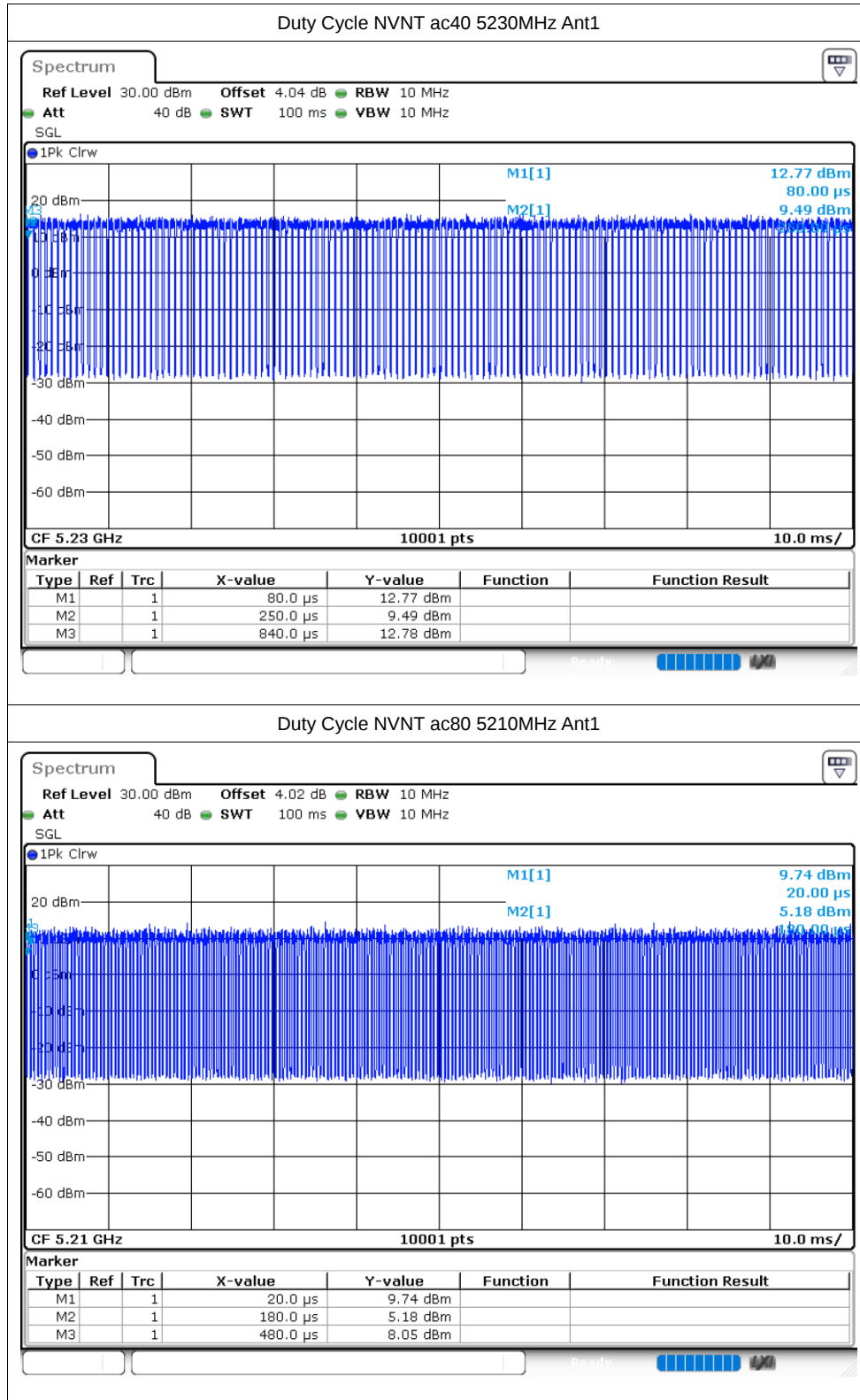












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.07	0.42	12.49	24	Pass
NVNT	a	5200	Ant1	12.2	0.42	12.62	24	Pass
NVNT	a	5240	Ant1	12.5	0.42	12.92	24	Pass
NVNT	n20	5180	Ant1	11.86	0.51	12.37	24	Pass
NVNT	n20	5200	Ant1	12.12	0.5	12.62	24	Pass
NVNT	n20	5240	Ant1	12.41	0.5	12.91	24	Pass
NVNT	n40	5190	Ant1	12.47	0.91	13.38	24	Pass
NVNT	n40	5230	Ant1	12.79	0.89	13.68	24	Pass
NVNT	ac20	5180	Ant1	12.07	0.49	12.56	24	Pass
NVNT	ac20	5200	Ant1	12.26	0.49	12.75	24	Pass
NVNT	ac20	5240	Ant1	12.42	0.5	12.92	24	Pass
NVNT	ac40	5190	Ant1	12.48	0.94	13.42	24	Pass
NVNT	ac40	5230	Ant1	12.75	0.94	13.69	24	Pass
NVNT	ac80	5210	Ant1	12.5	1.63	14.13	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.419	Pass
NVNT	a	5200	Ant1	21.537	Pass
NVNT	a	5240	Ant1	19.716	Pass
NVNT	n20	5180	Ant1	24.708	Pass
NVNT	n20	5200	Ant1	21.072	Pass
NVNT	n20	5240	Ant1	19.935	Pass
NVNT	n40	5190	Ant1	55.074	Pass
NVNT	n40	5230	Ant1	55.89	Pass
NVNT	ac20	5180	Ant1	20.793	Pass
NVNT	ac20	5200	Ant1	24.387	Pass
NVNT	ac20	5240	Ant1	22.698	Pass
NVNT	ac40	5190	Ant1	54.744	Pass
NVNT	ac40	5230	Ant1	55.536	Pass
NVNT	ac80	5210	Ant1	86.496	Pass

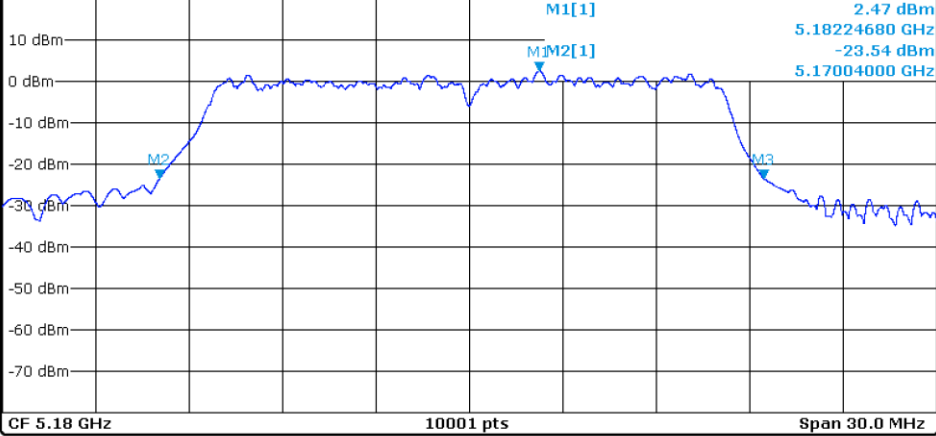
Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.96 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

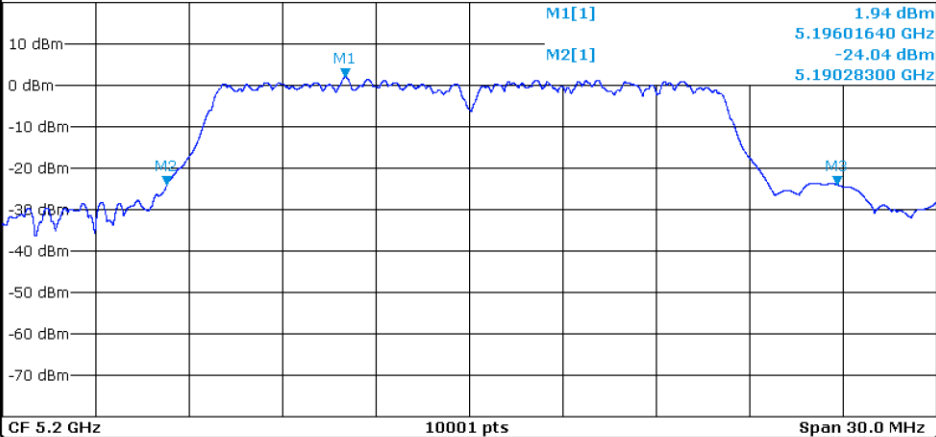
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1822468 GHz	2.47 dBm		
M2	1		5.17004 GHz	-23.54 dBm		
M3	1		5.189459 GHz	-23.53 dBm		

-26dB Bandwidth NVNT a 5200MHz Ant1

Spectrum

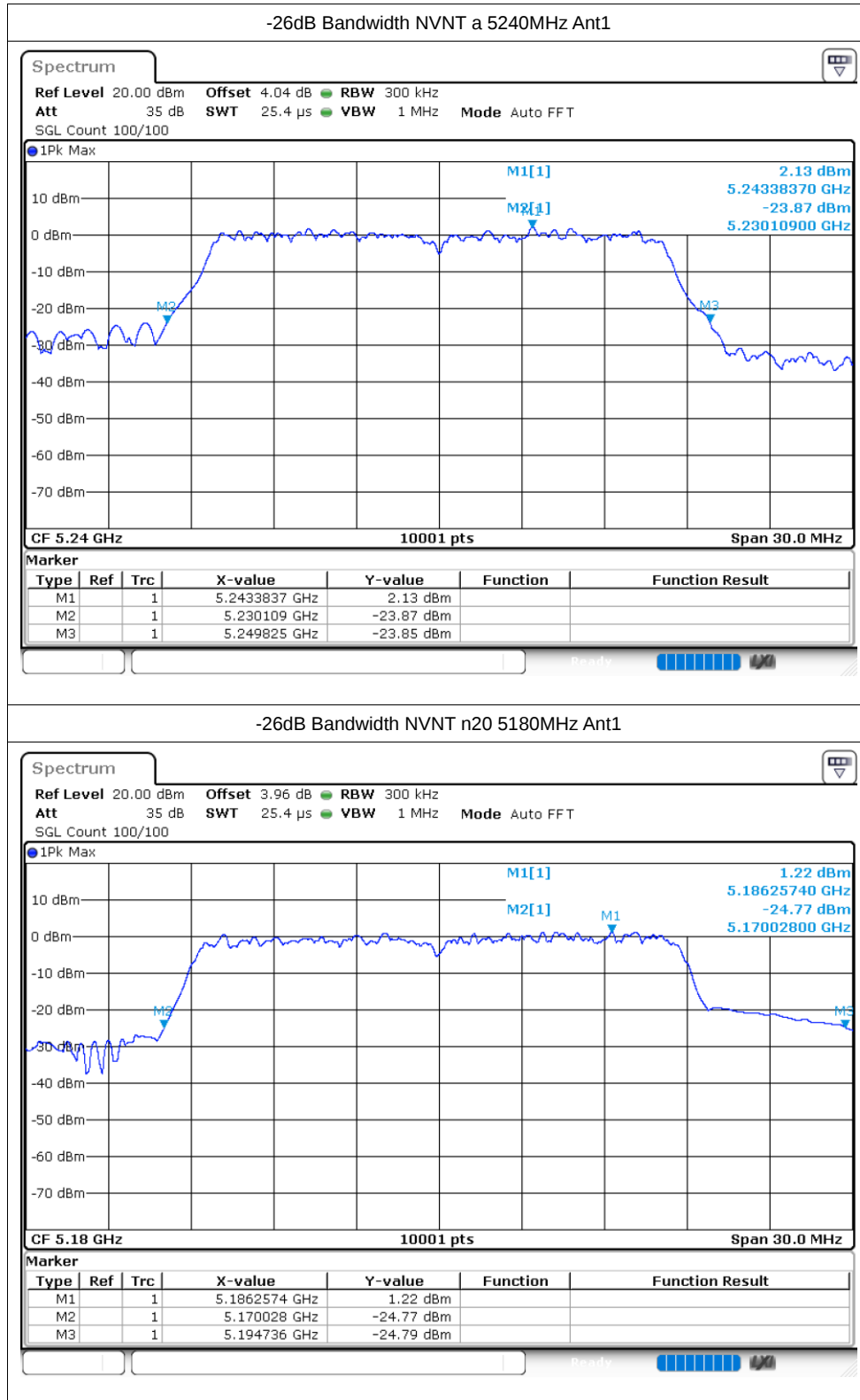
Ref Level 20.00 dBm Offset 4.02 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

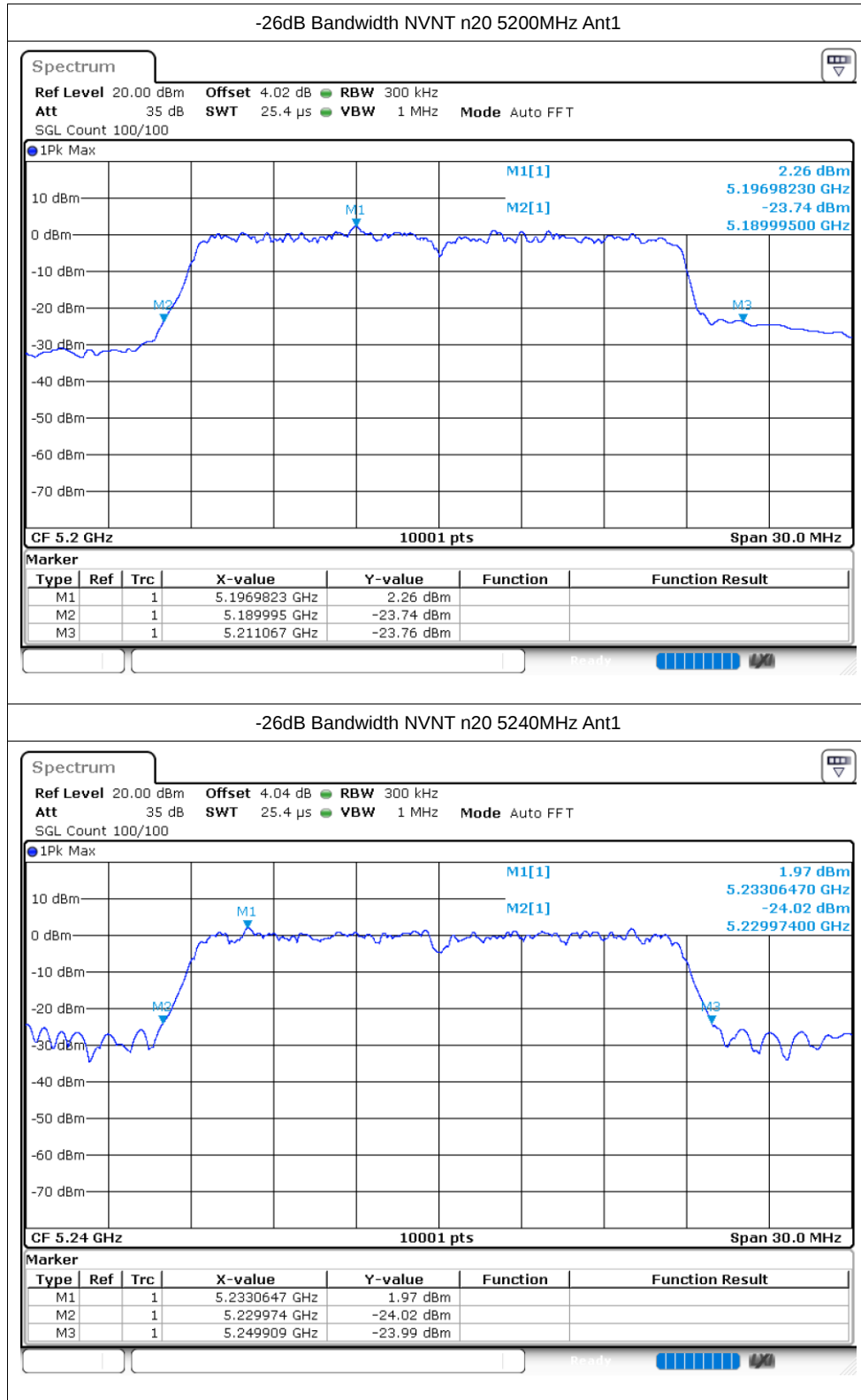
1Pk Max

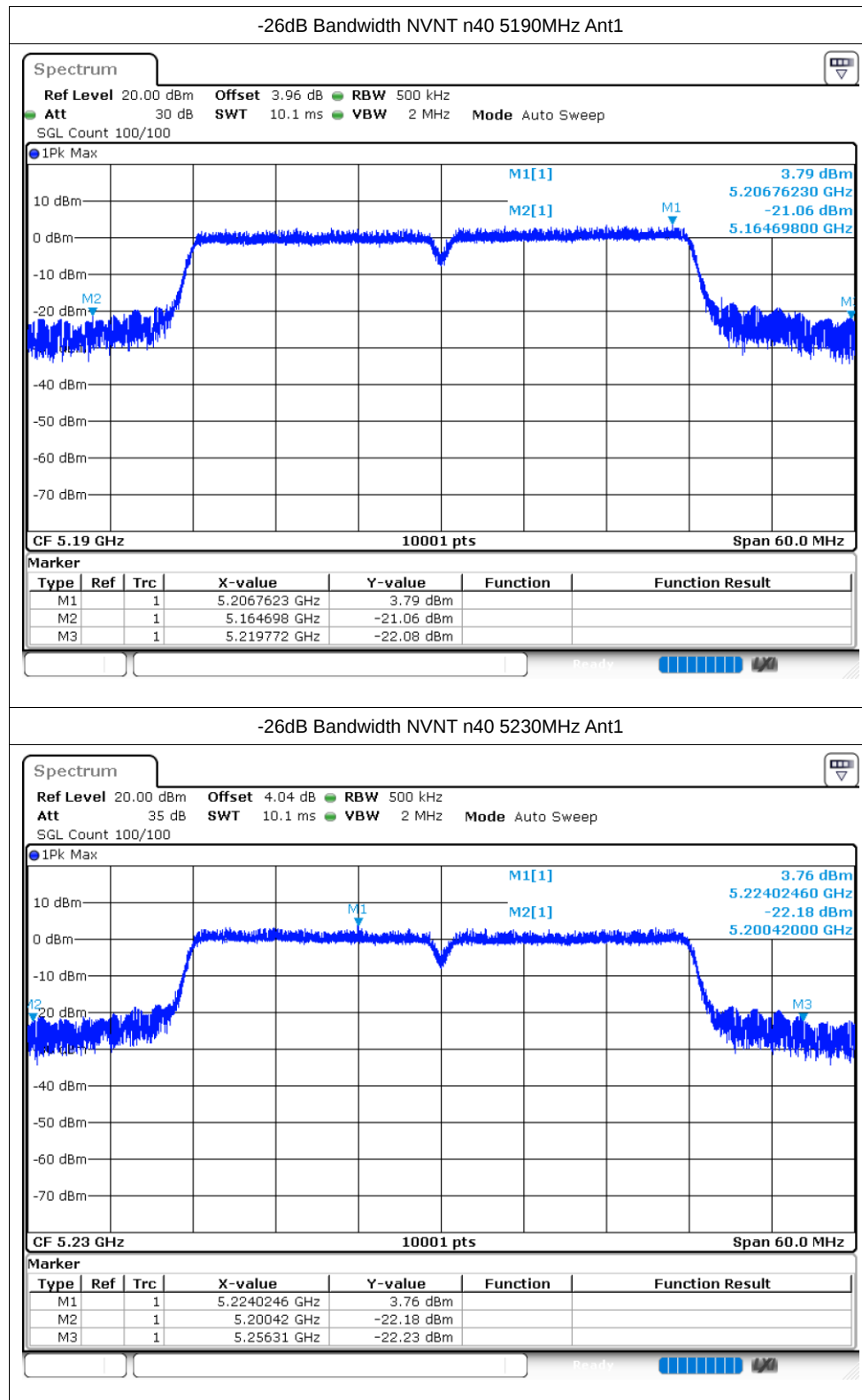


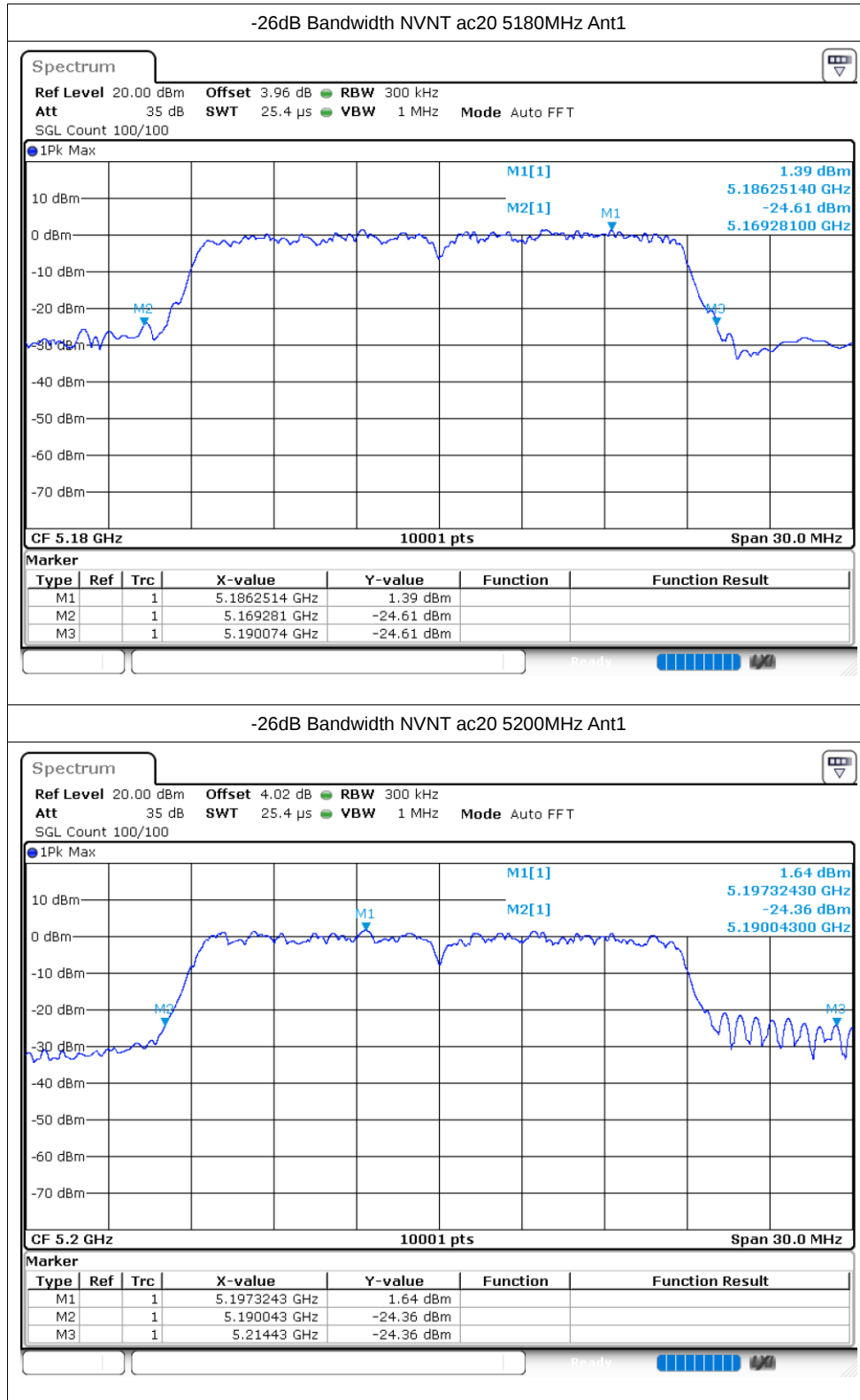
Marker

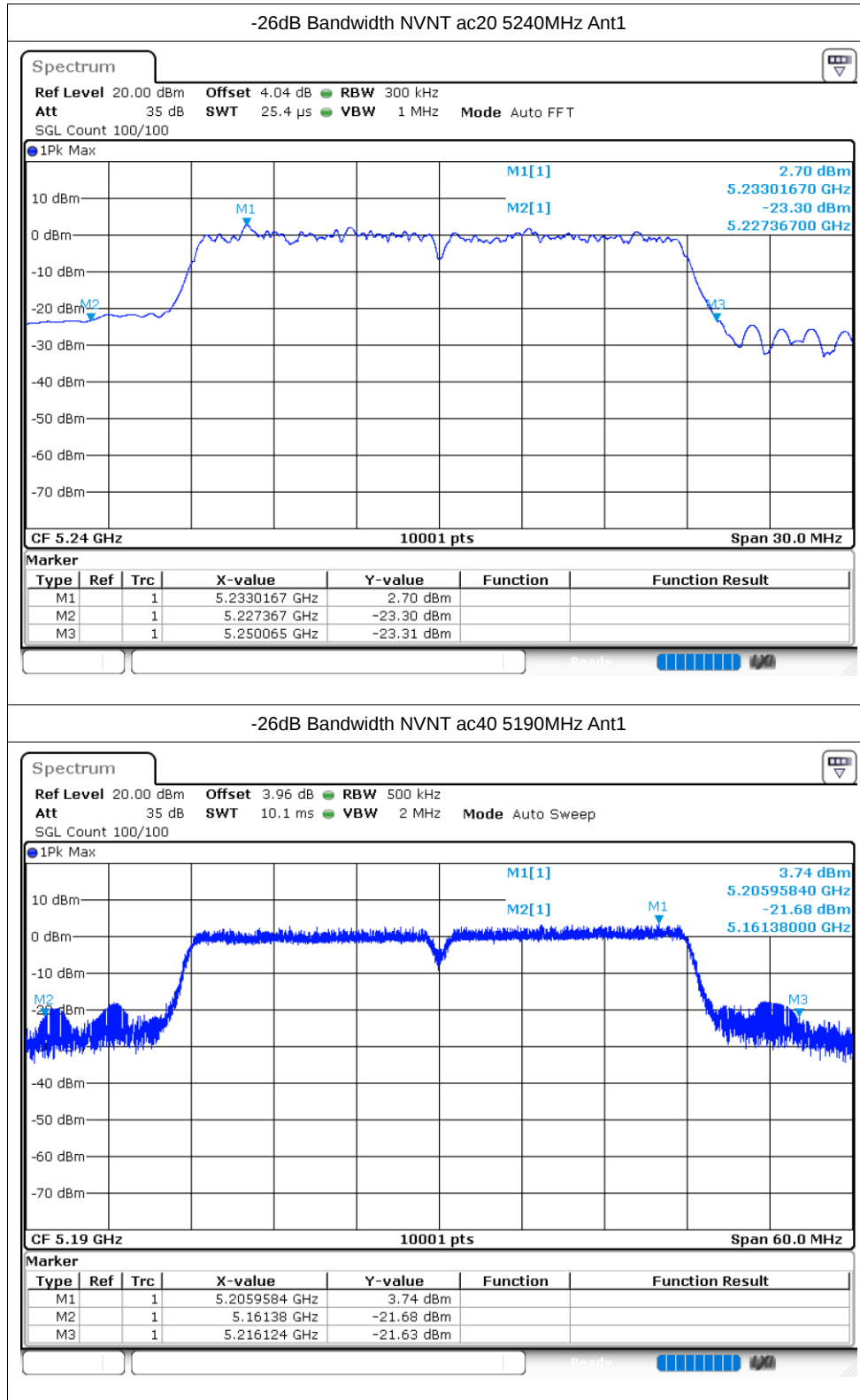
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1960164 GHz	1.94 dBm		
M2	1		5.190283 GHz	-24.04 dBm		
M3	1		5.21182 GHz	-24.06 dBm		

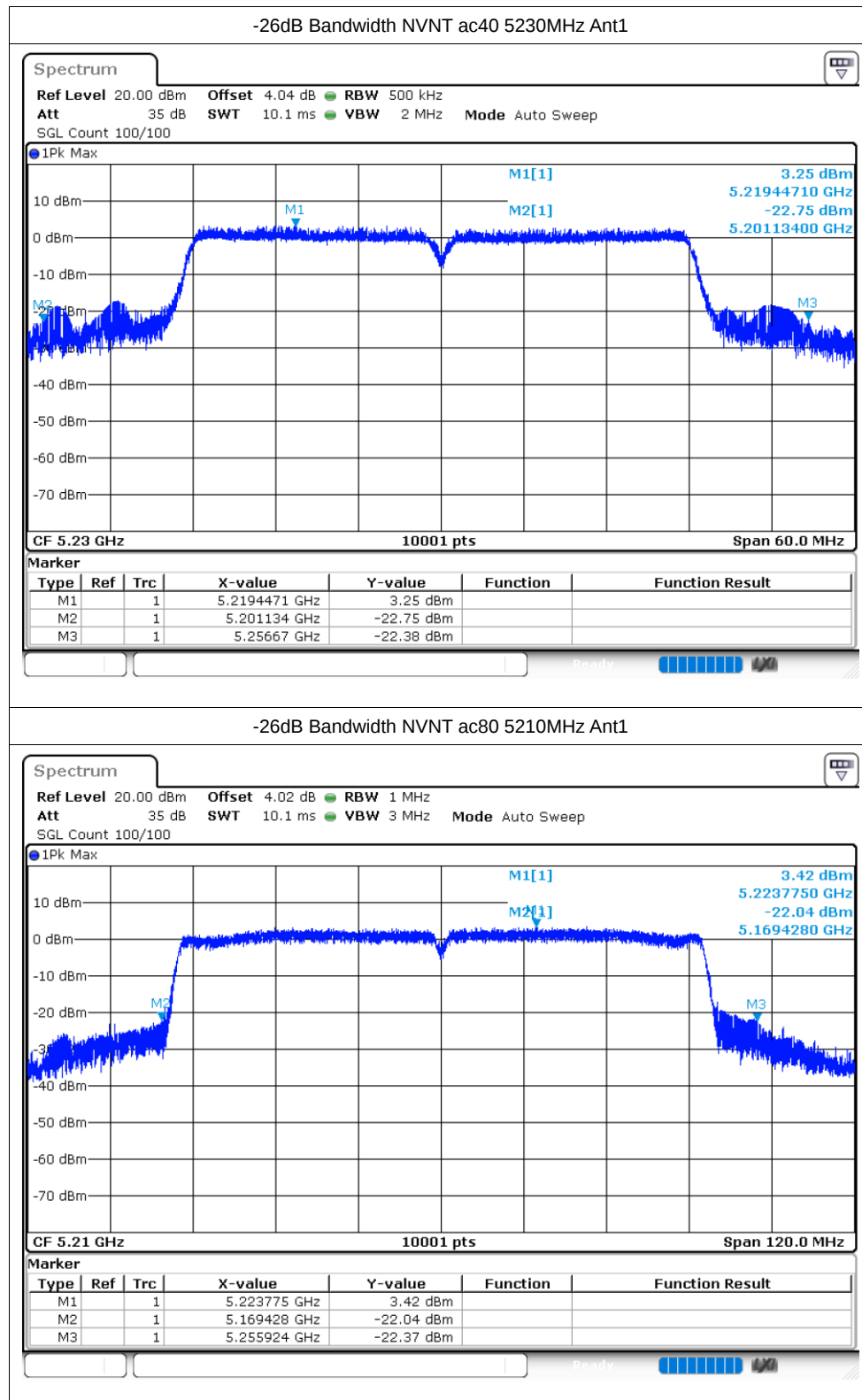










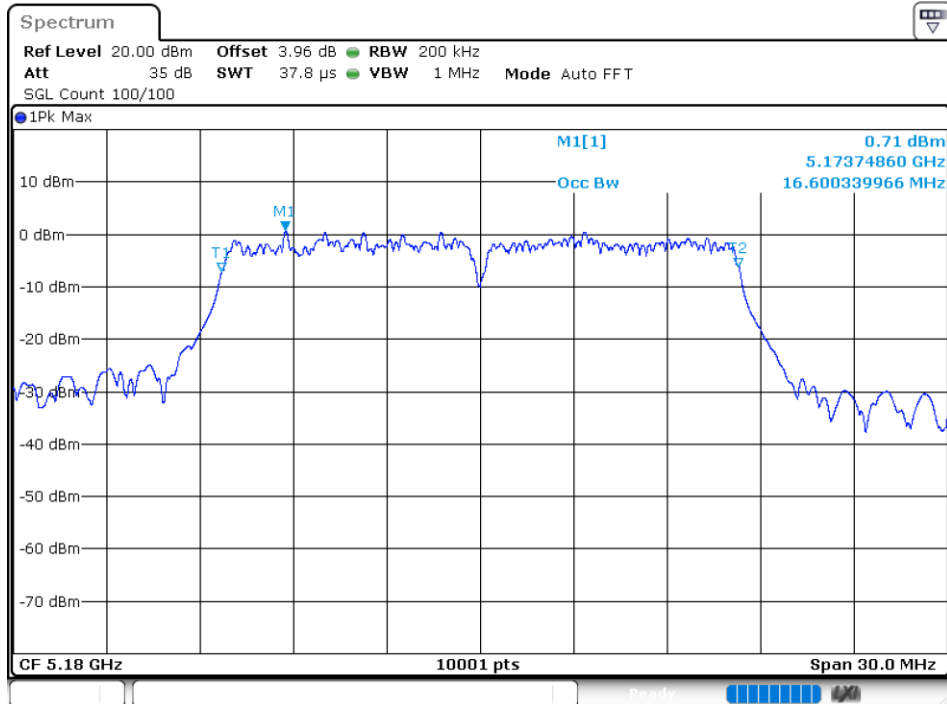


Occupied Channel Bandwidth

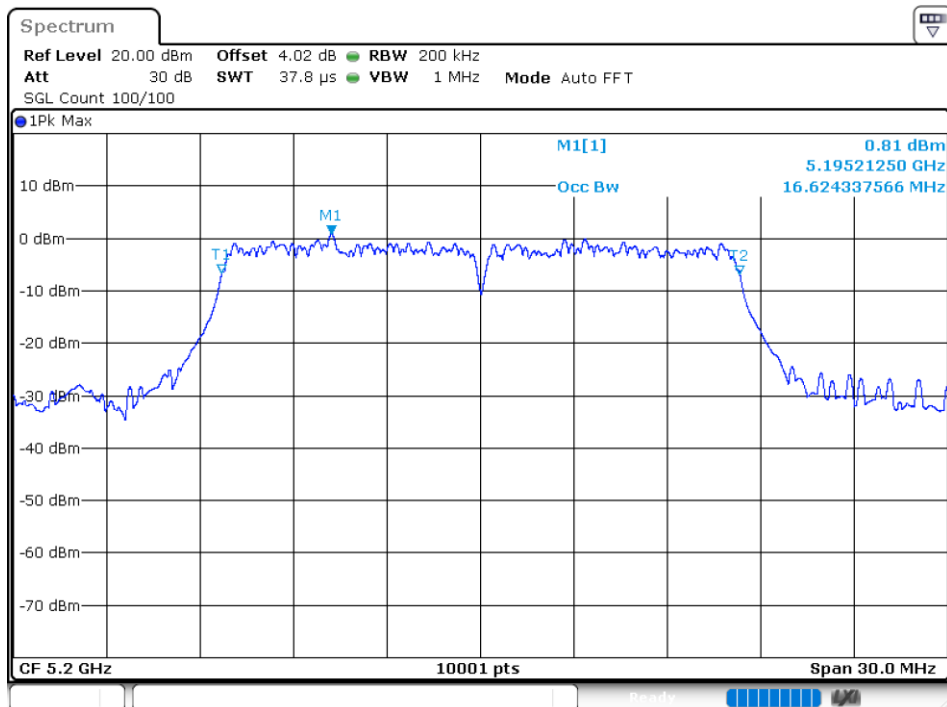
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.6
NVNT	a	5200	Ant1	16.624
NVNT	a	5240	Ant1	16.552
NVNT	n20	5180	Ant1	17.602
NVNT	n20	5200	Ant1	17.599
NVNT	n20	5240	Ant1	17.701
NVNT	n40	5190	Ant1	36.386
NVNT	n40	5230	Ant1	36.422
NVNT	ac20	5180	Ant1	17.704
NVNT	ac20	5200	Ant1	17.608
NVNT	ac20	5240	Ant1	17.698
NVNT	ac40	5190	Ant1	36.38
NVNT	ac40	5230	Ant1	36.38
NVNT	ac80	5210	Ant1	75.4

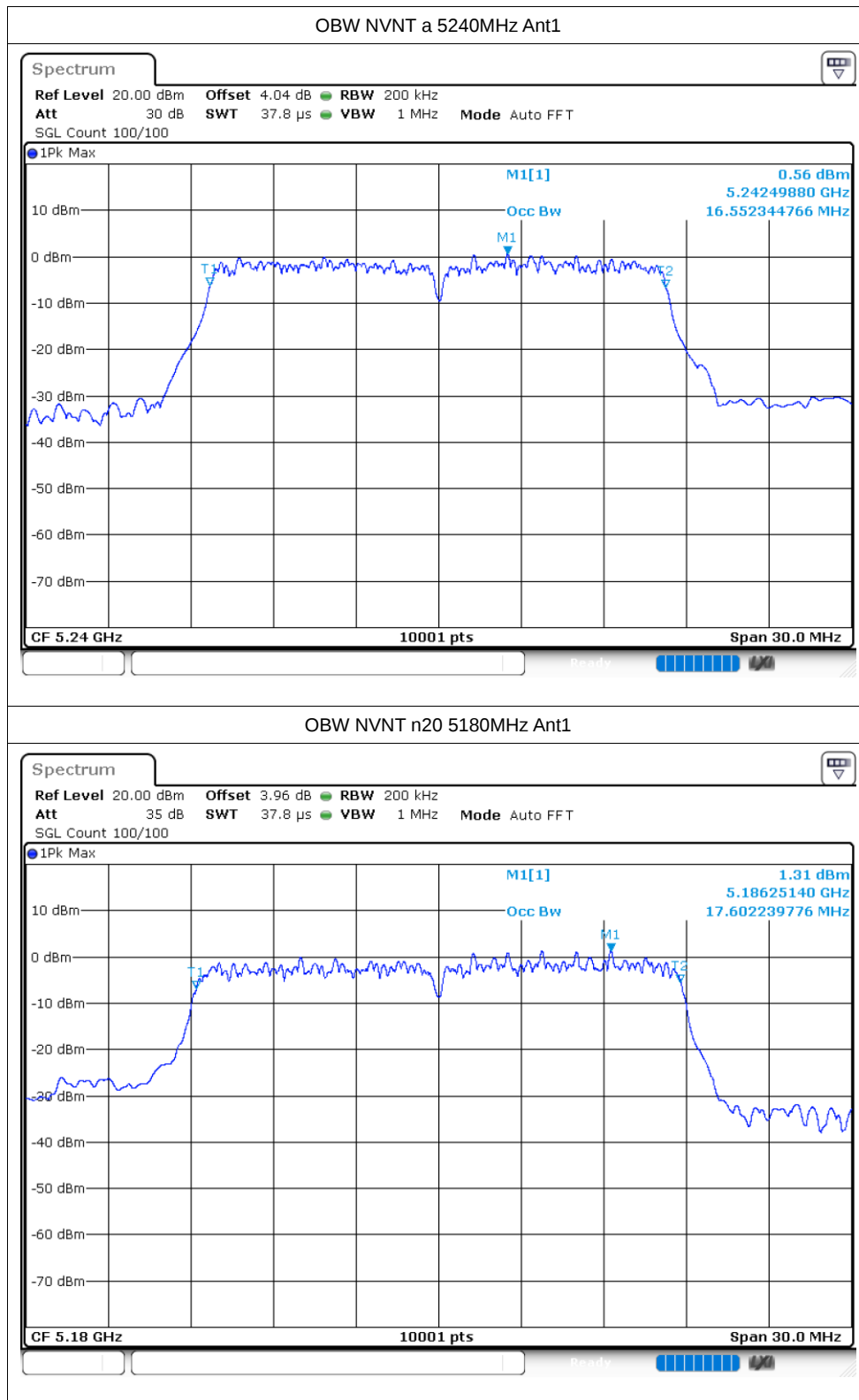
Test Graphs

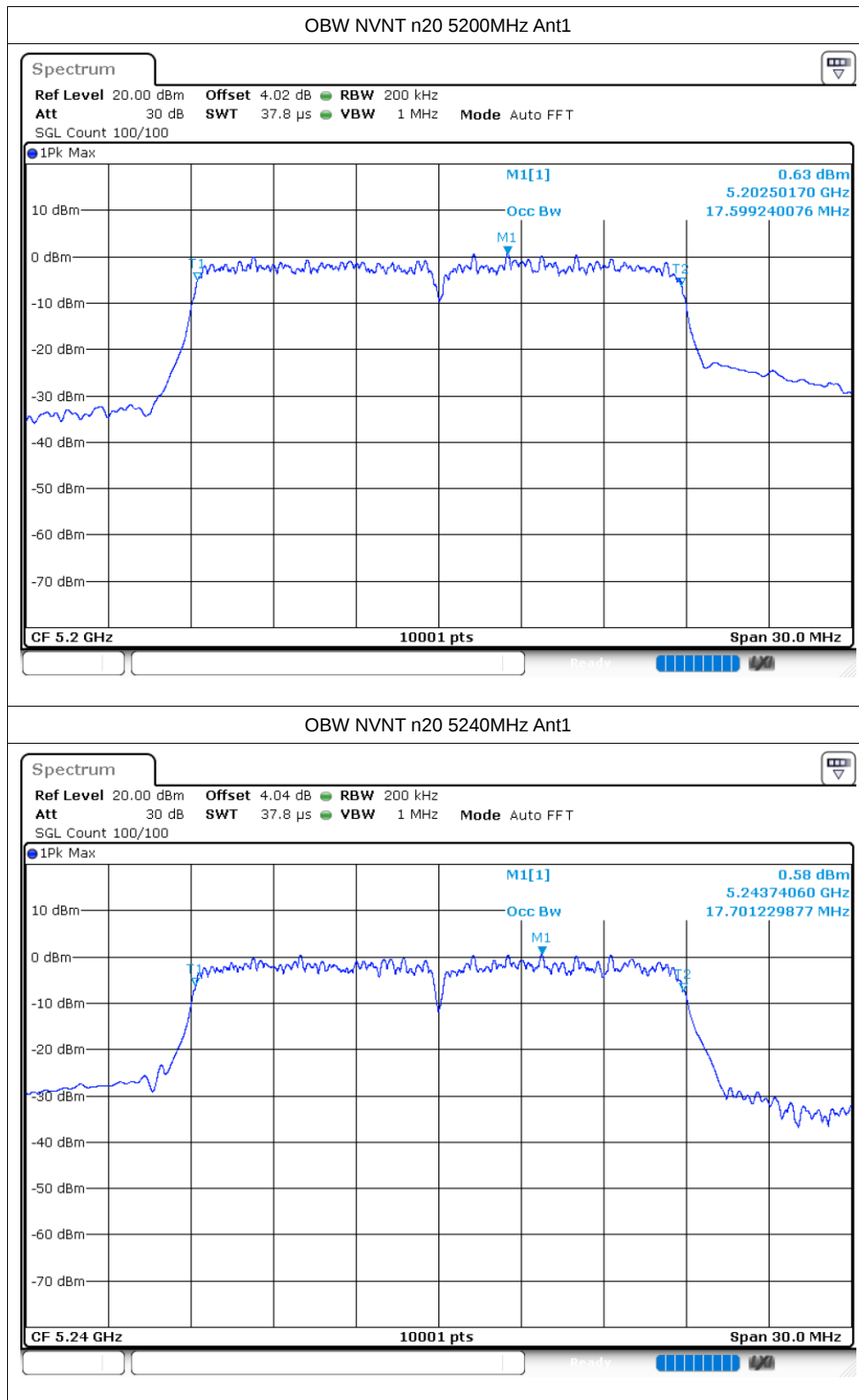
OBW NVNT a 5180MHz Ant1

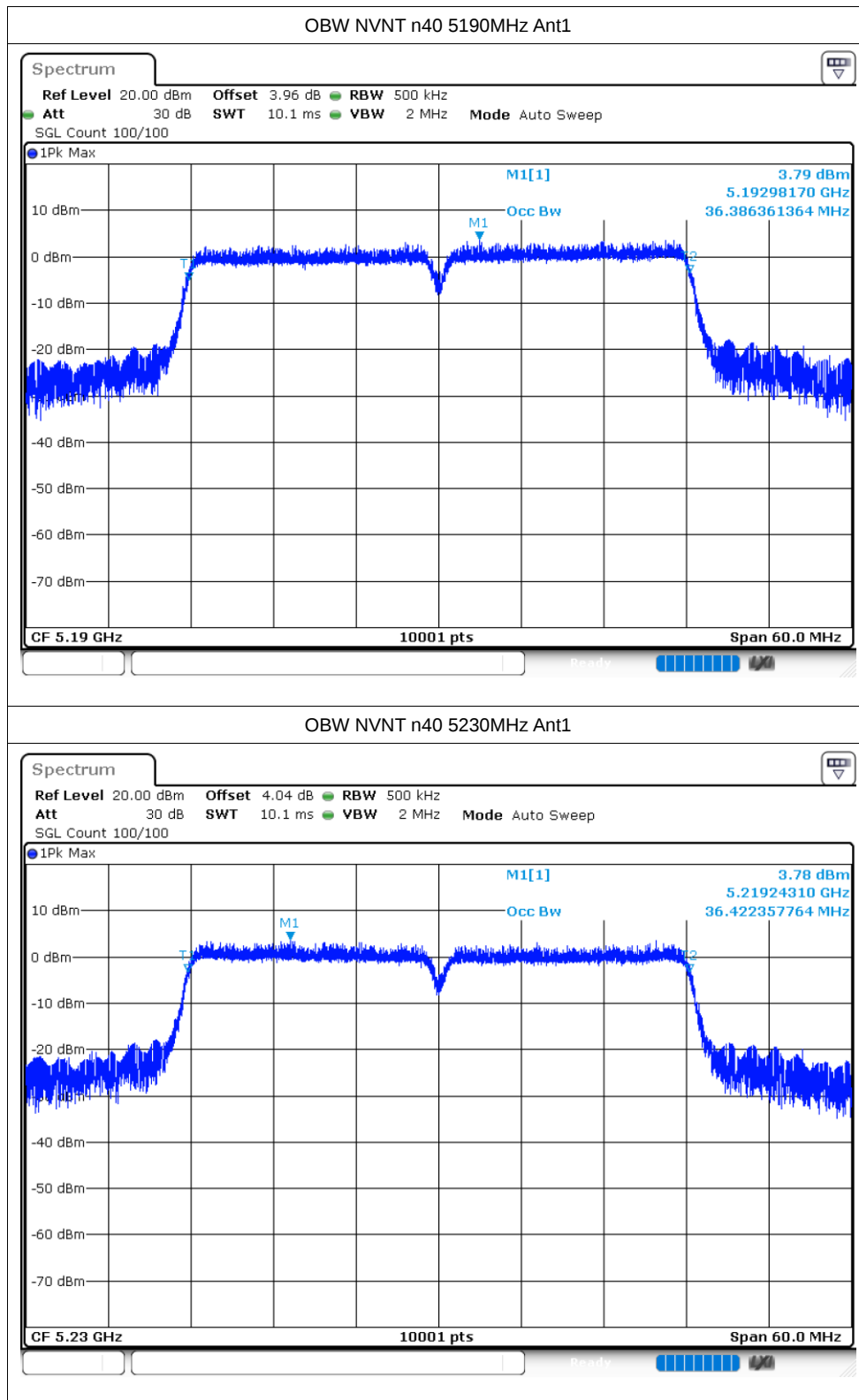


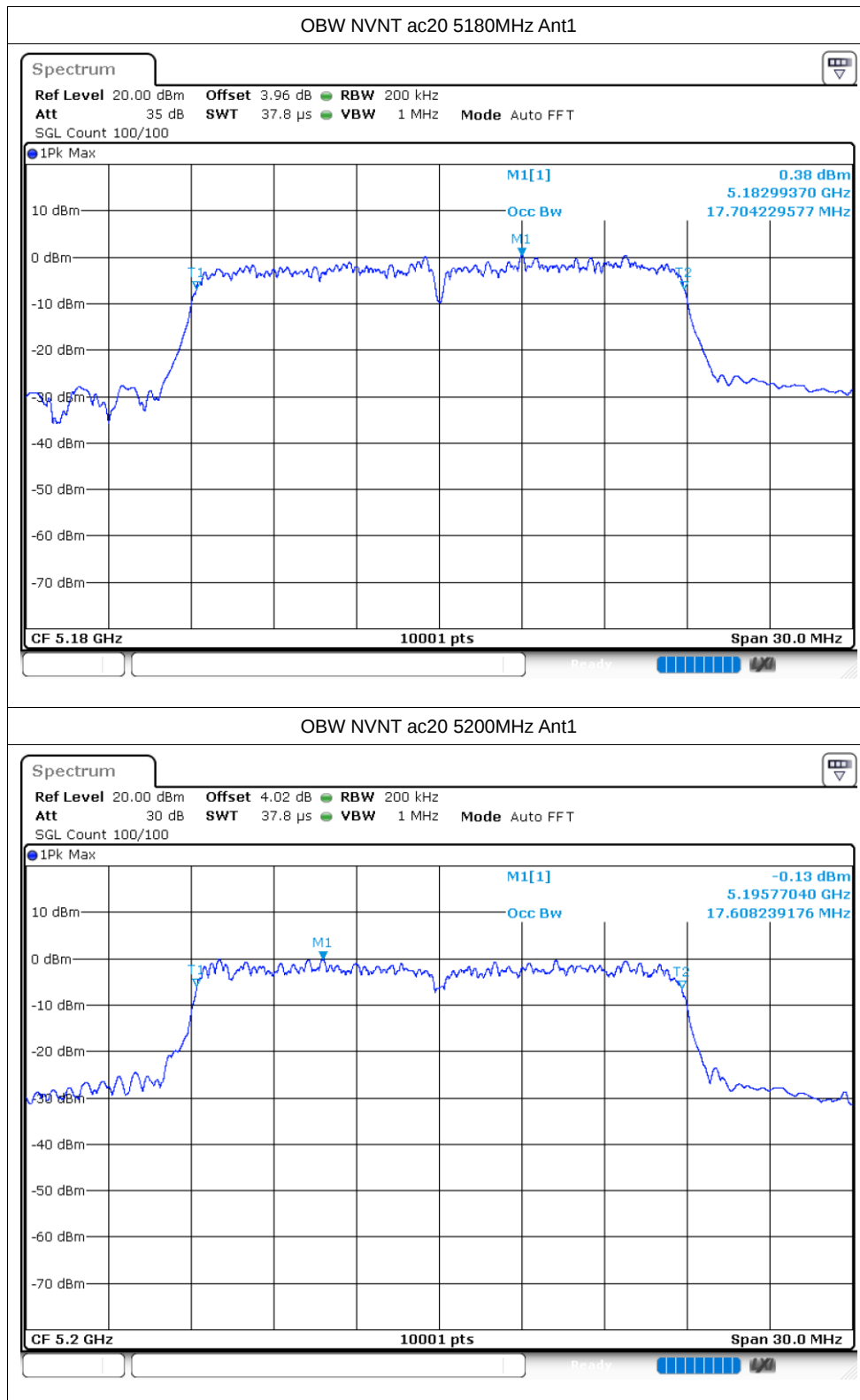
OBW NVNT a 5200MHz Ant1

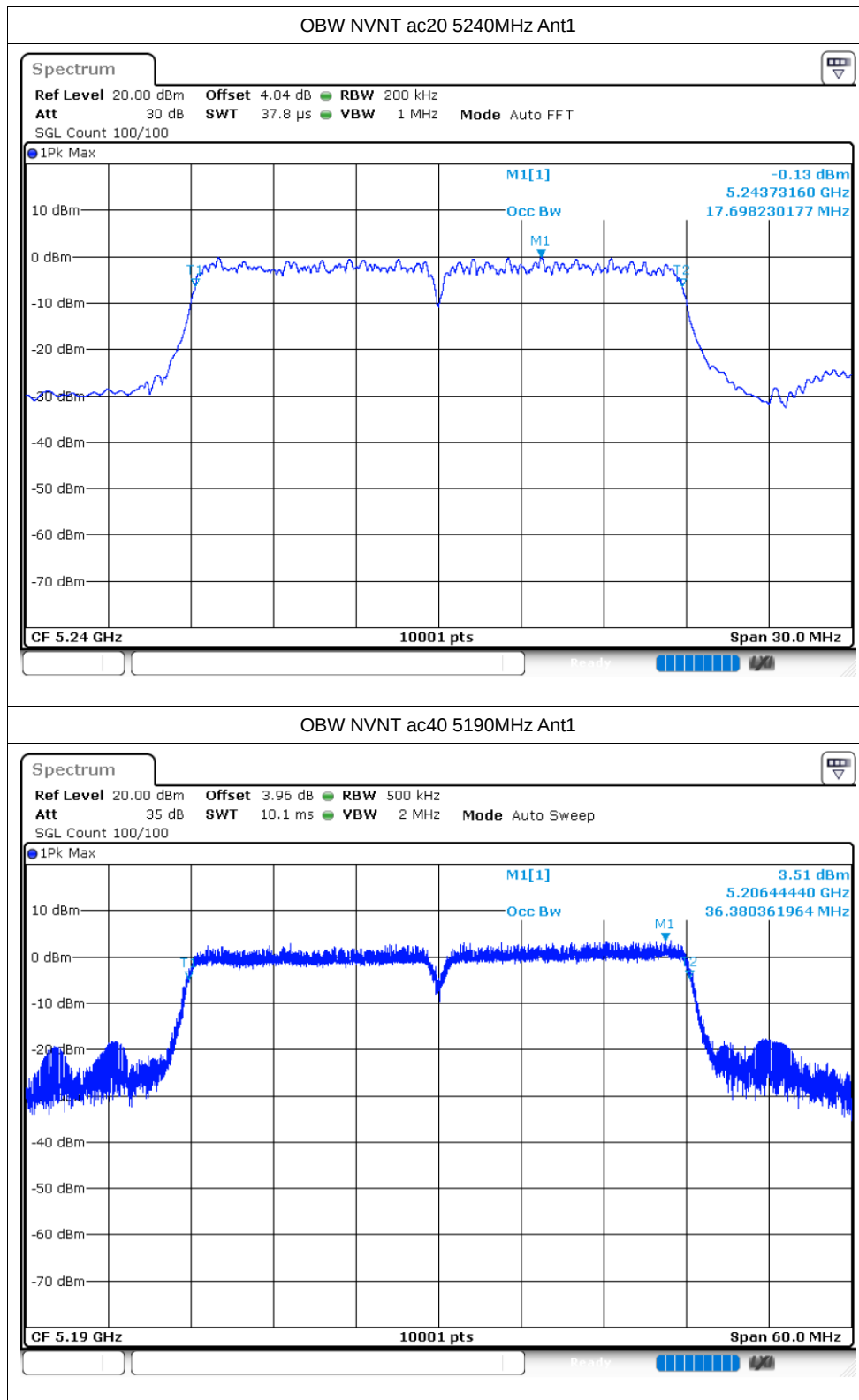


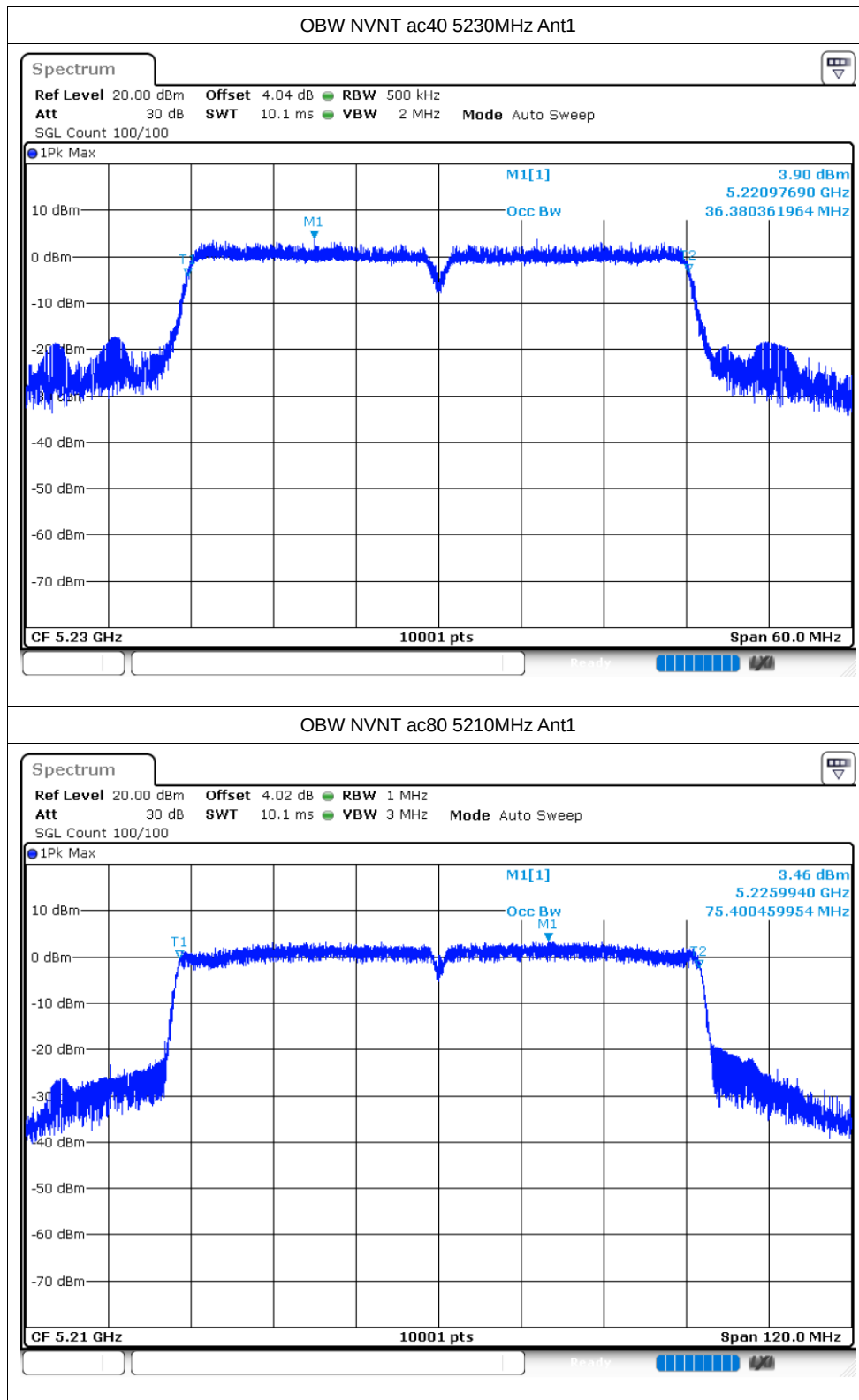










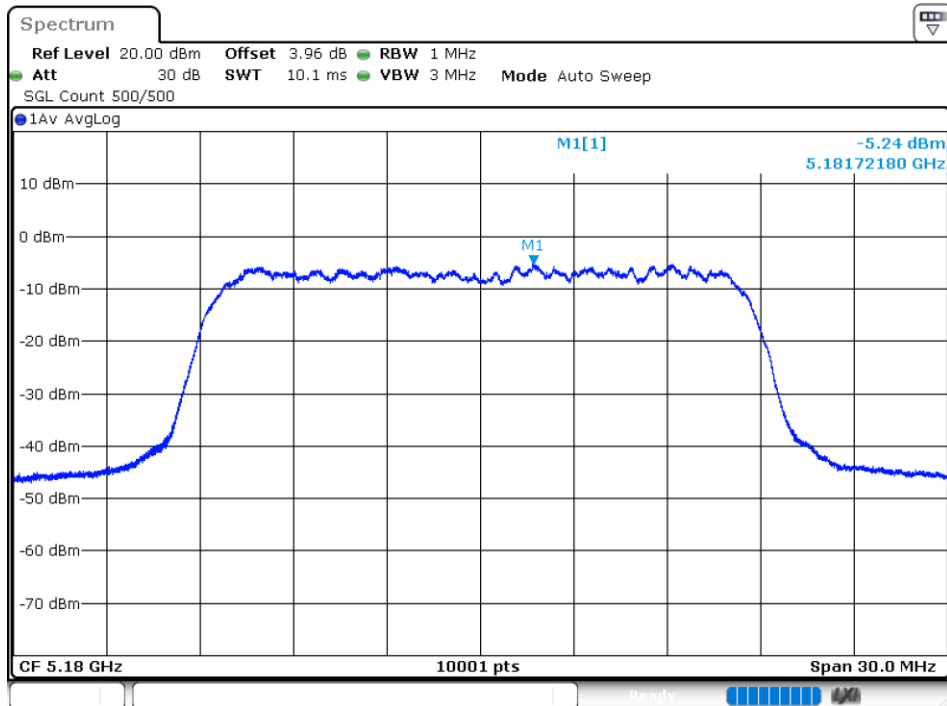


Maximum Power Spectral Density Level

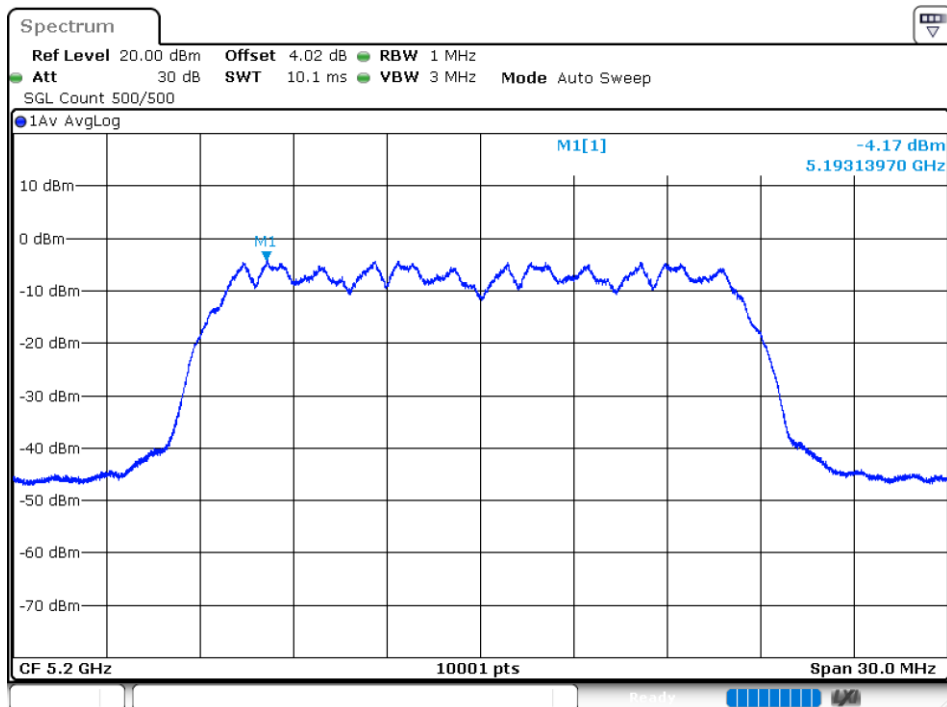
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-5.24	0.42	-4.82	11	Pass
NVNT	a	5200	Ant1	-4.17	0.42	-3.75	11	Pass
NVNT	a	5240	Ant1	-4.41	0.42	-3.99	11	Pass
NVNT	n20	5180	Ant1	-5.89	0.51	-5.38	11	Pass
NVNT	n20	5200	Ant1	-5.74	0.5	-5.24	11	Pass
NVNT	n20	5240	Ant1	-5.29	0.5	-4.79	11	Pass
NVNT	n40	5190	Ant1	-12.26	0.91	-11.35	11	Pass
NVNT	n40	5230	Ant1	-12.63	0.89	-11.74	11	Pass
NVNT	ac20	5180	Ant1	-4.07	0.49	-3.58	11	Pass
NVNT	ac20	5200	Ant1	-4.7	0.49	-4.21	11	Pass
NVNT	ac20	5240	Ant1	-4.9	0.5	-4.4	11	Pass
NVNT	ac40	5190	Ant1	-12.29	0.94	-11.35	11	Pass
NVNT	ac40	5230	Ant1	-13.31	0.94	-12.37	11	Pass
NVNT	ac80	5210	Ant1	-13.97	1.63	-12.34	11	Pass

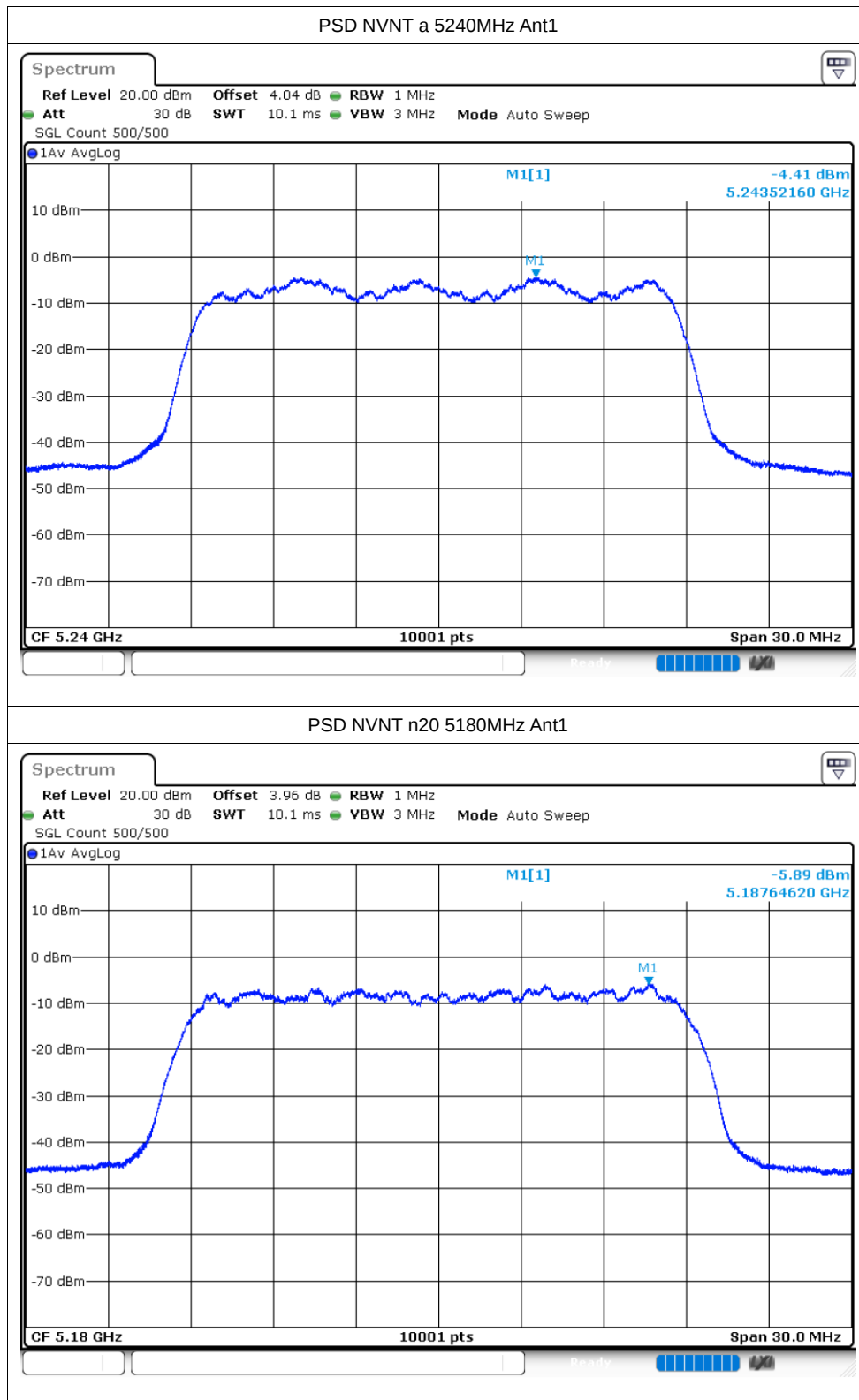
Test Graphs

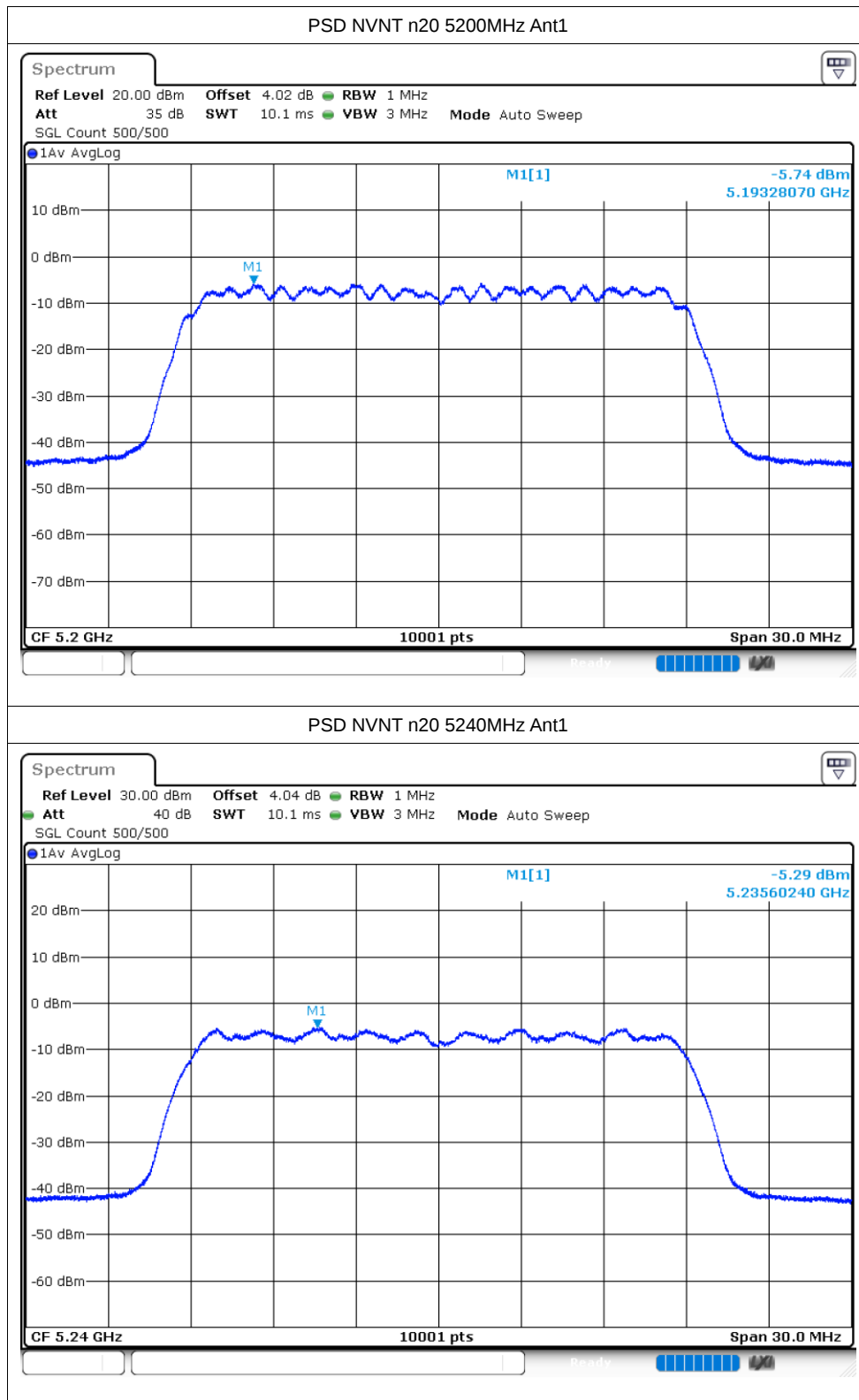
PSD NVNT a 5180MHz Ant1

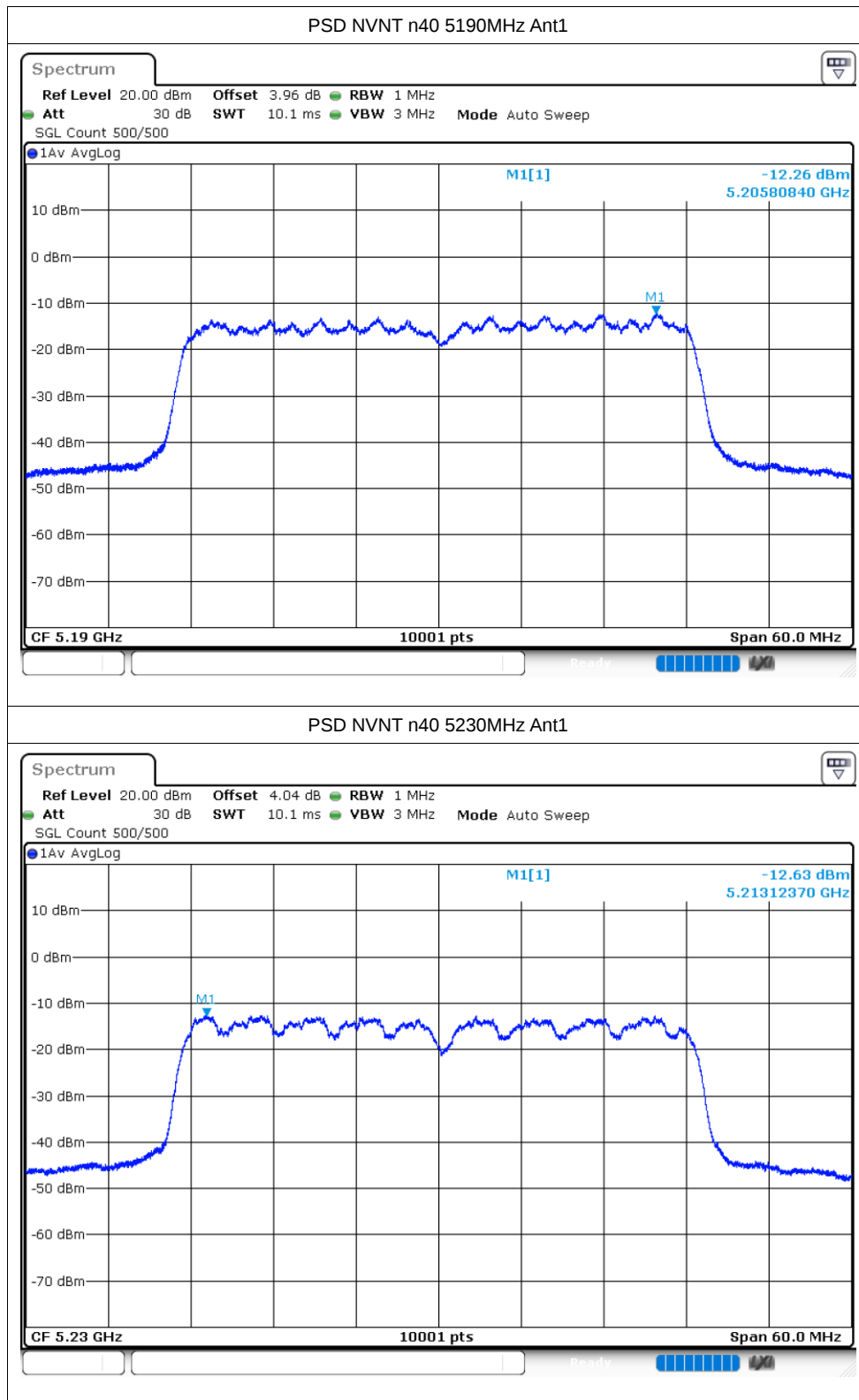


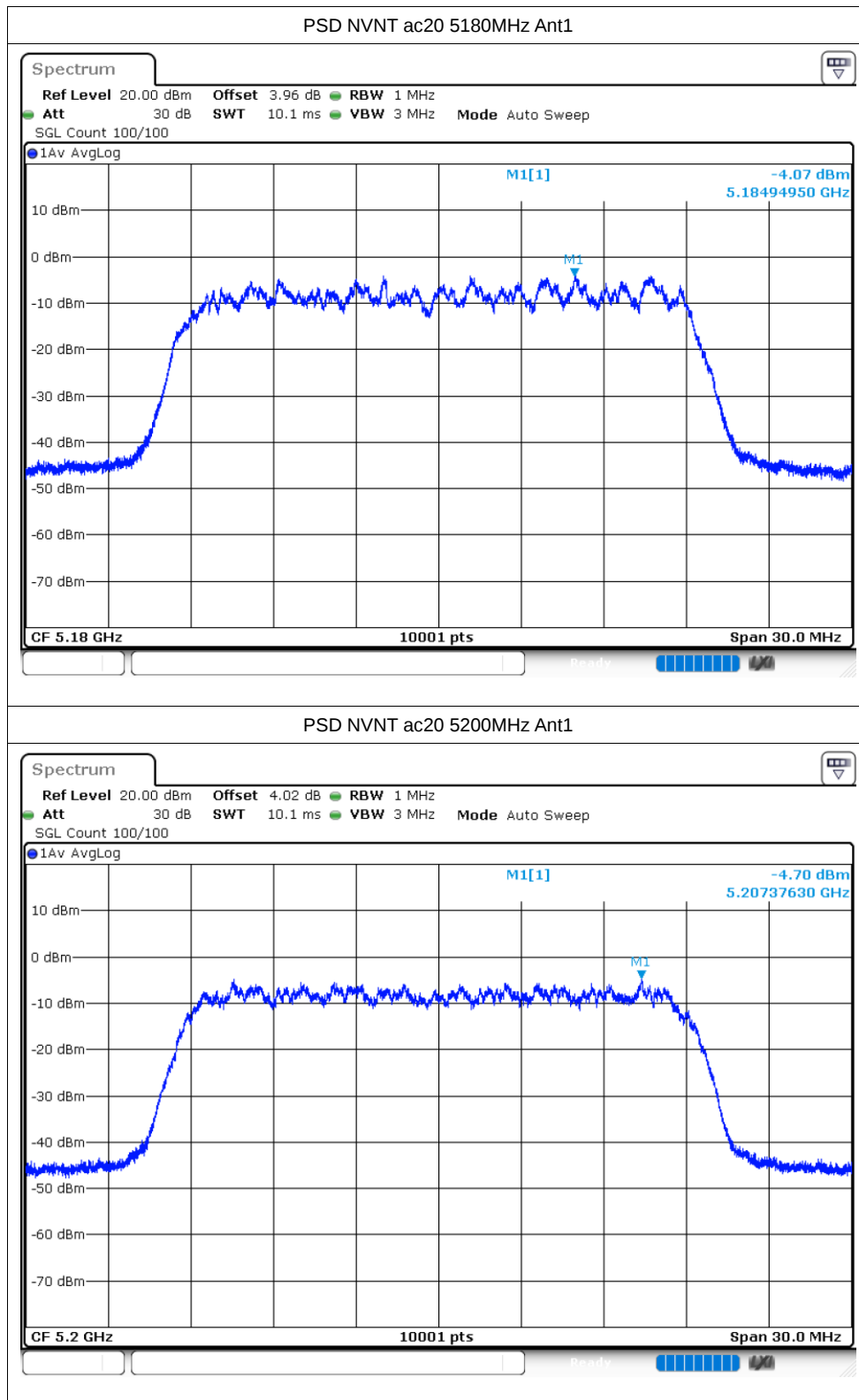
PSD NVNT a 5200MHz Ant1

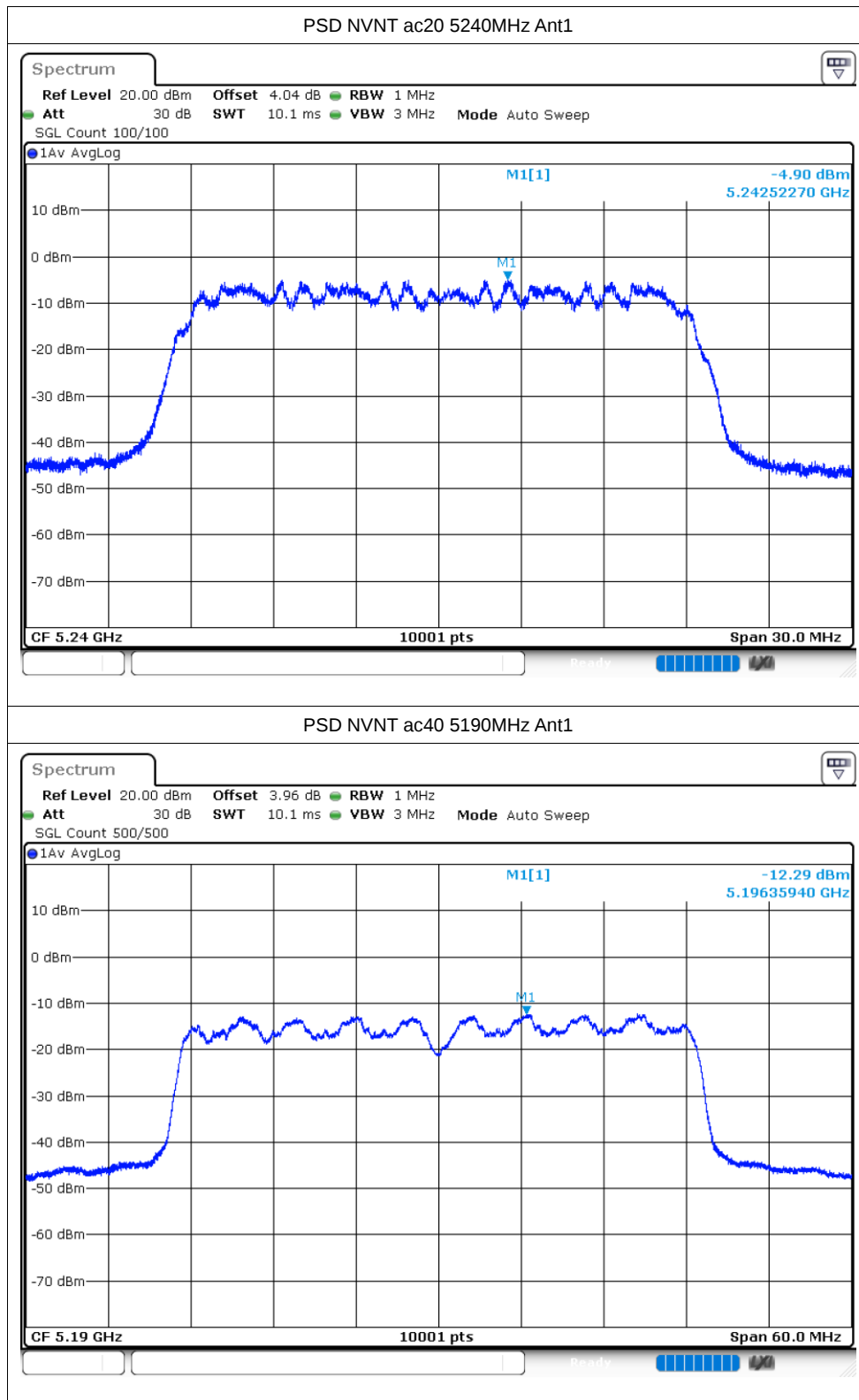


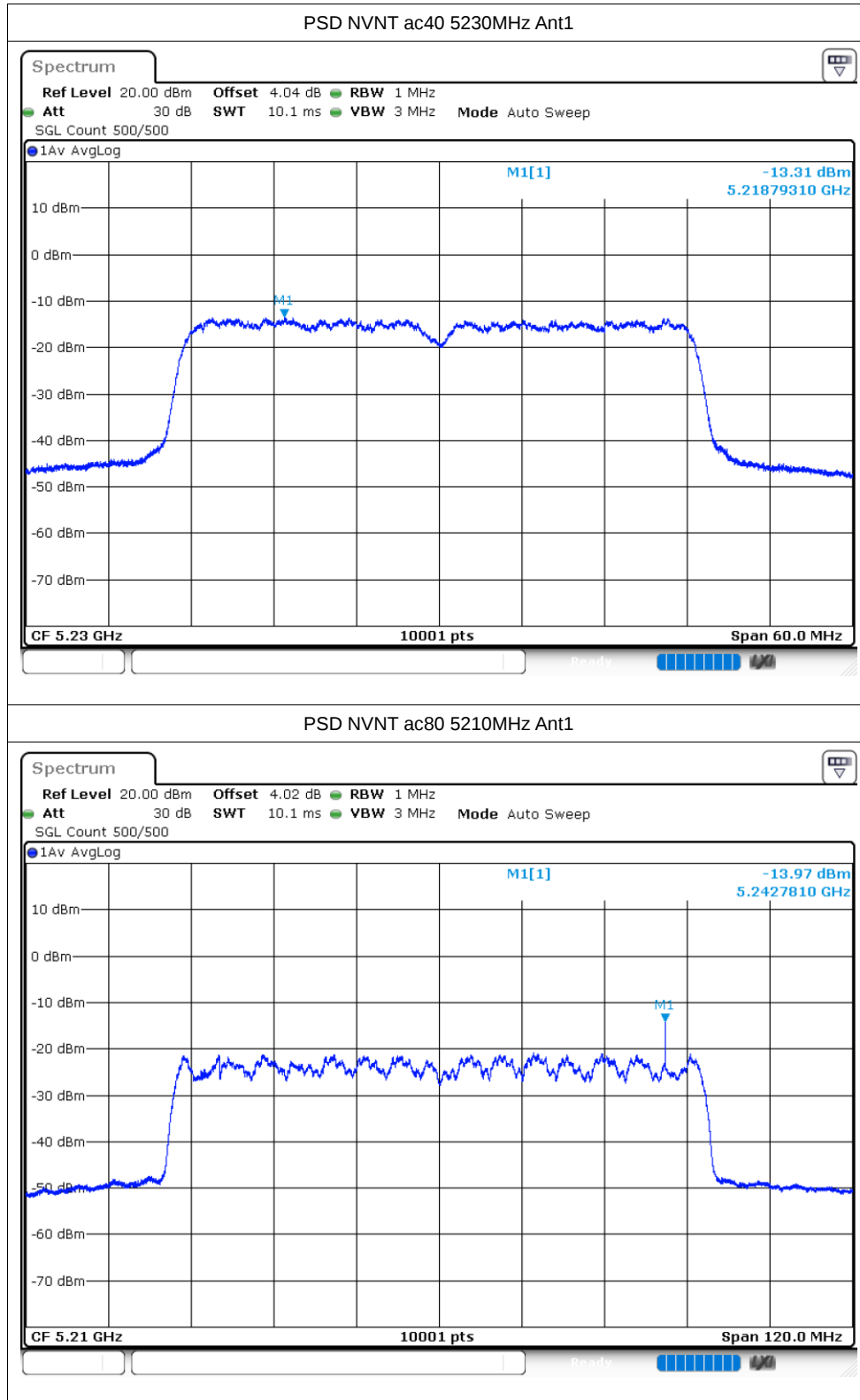












Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-33.4	-27	Pass
NVNT	a	5240	Ant1	-41.95	-27	Pass
NVNT	n20	5180	Ant1	-33	-27	Pass
NVNT	n20	5240	Ant1	-41.47	-27	Pass
NVNT	n40	5190	Ant1	-27.14	-27	Pass
NVNT	n40	5230	Ant1	-40.94	-27	Pass
NVNT	ac20	5180	Ant1	-32.84	-27	Pass
NVNT	ac20	5240	Ant1	-40.92	-27	Pass
NVNT	ac40	5190	Ant1	-30.15	-27	Pass
NVNT	ac40	5230	Ant1	-41.65	-27	Pass
NVNT	ac80	5210	Ant1	-43.88	-27	Pass
NVNT	ac80	5210	Ant1	-34.19	-27	Pass

Test Graphs

Band Edge NVNT a 5180MHz Low Ant1



Band Edge NVNT a 5240MHz High Ant1

