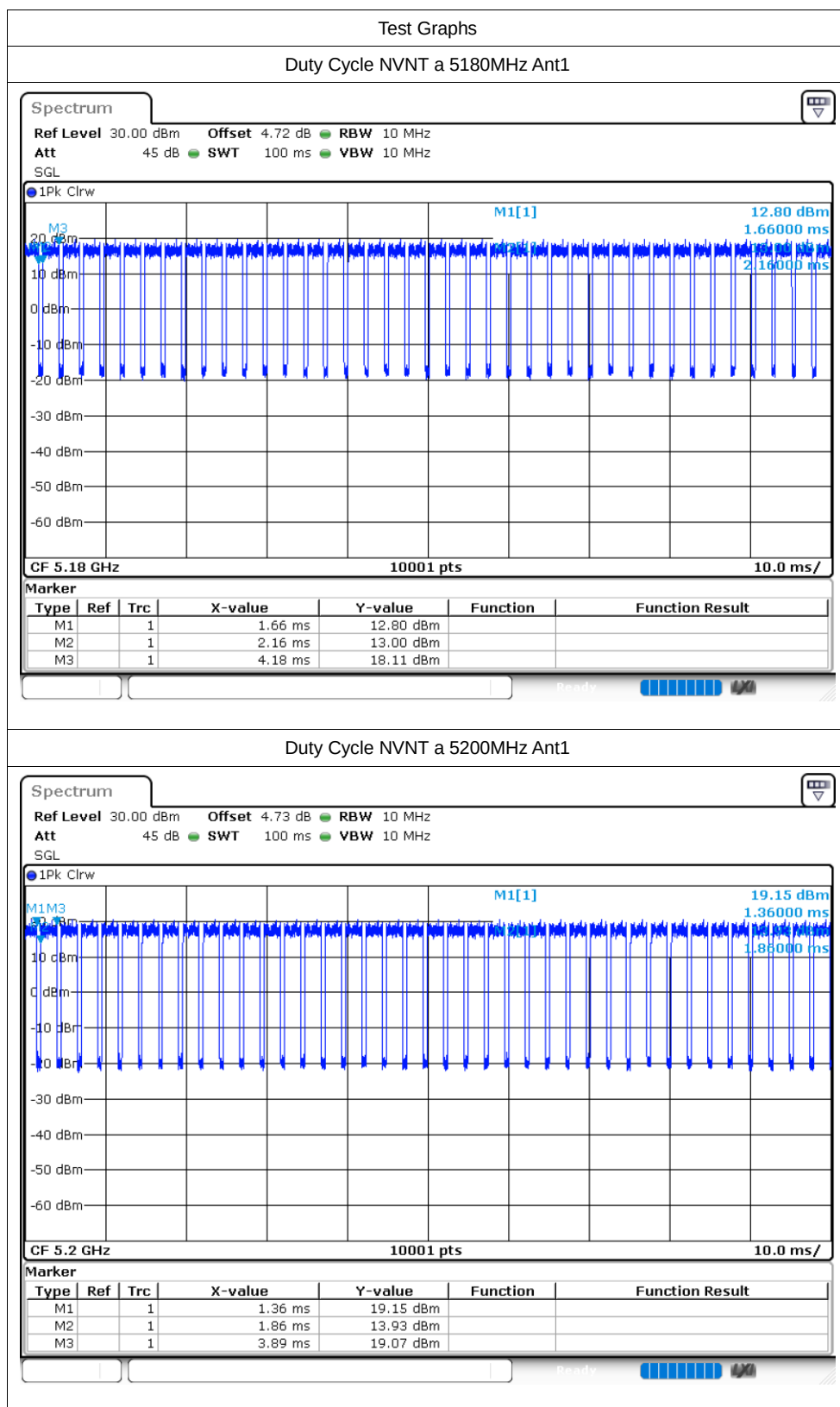
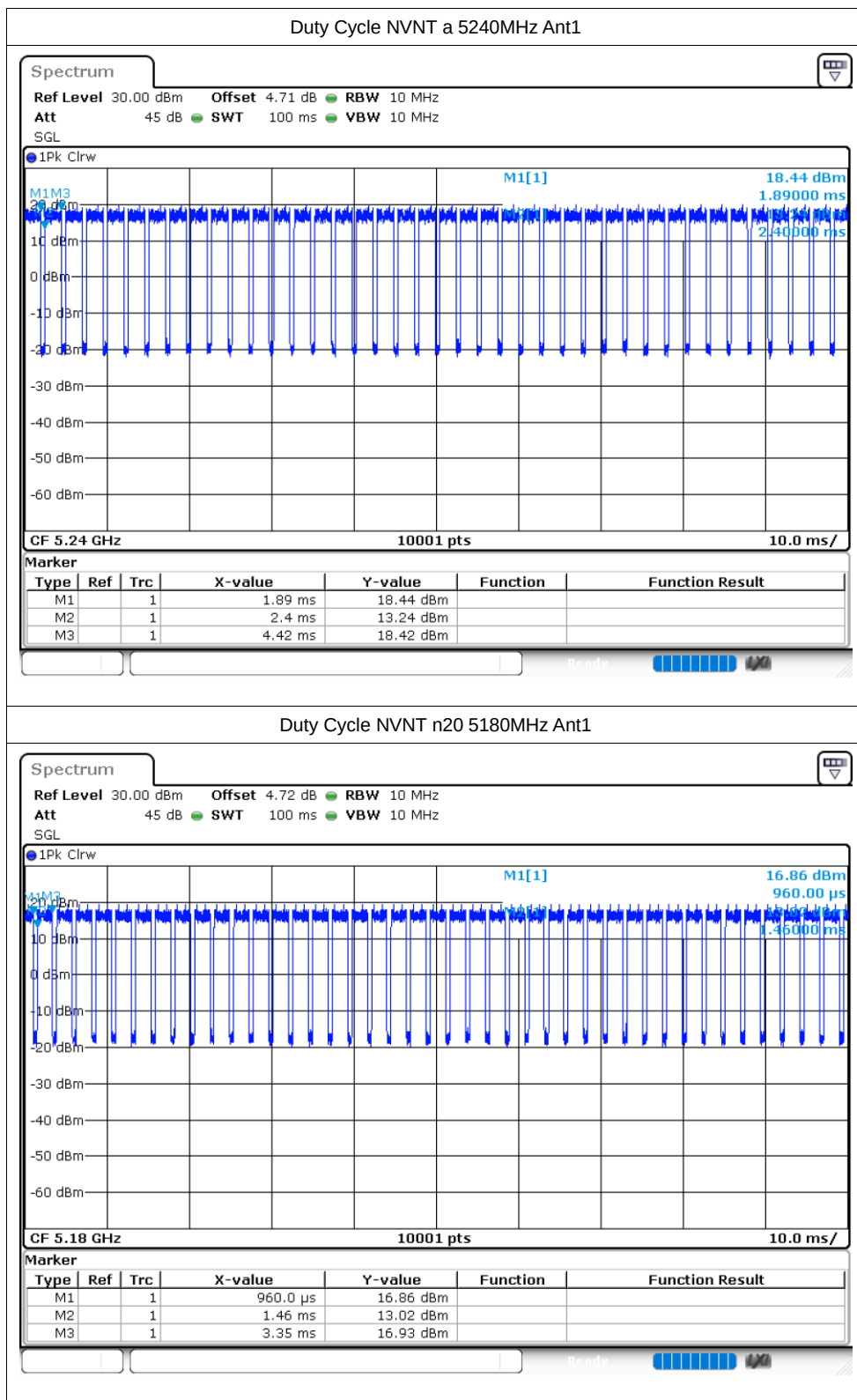


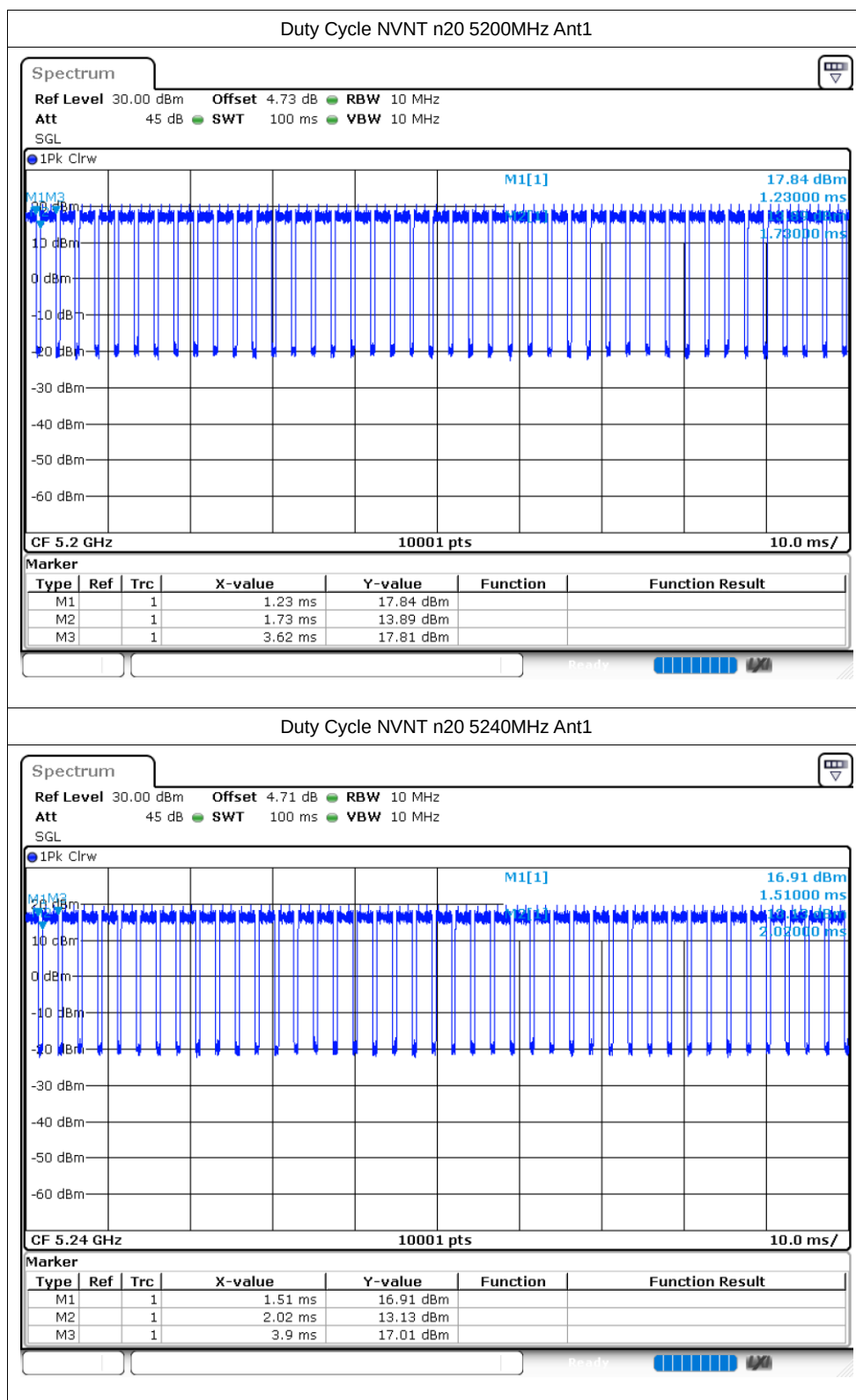
WIFI 5.2G

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	80.81	0.93	0.5
NVNT	a	5200	Ant1	80.69	0.93	0.49
NVNT	a	5240	Ant1	80.79	0.93	0.5
NVNT	n20	5180	Ant1	79.31	1.01	0.53
NVNT	n20	5200	Ant1	79.31	1.01	0.53
NVNT	n20	5240	Ant1	79.4	1	0.53







Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.75	24	Pass
NVNT	a	5200	Ant1	11.66	24	Pass
NVNT	a	5240	Ant1	12.49	24	Pass
NVNT	n20	5180	Ant1	11.51	24	Pass
NVNT	n20	5200	Ant1	11.55	24	Pass
NVNT	n20	5240	Ant1	12.28	24	Pass

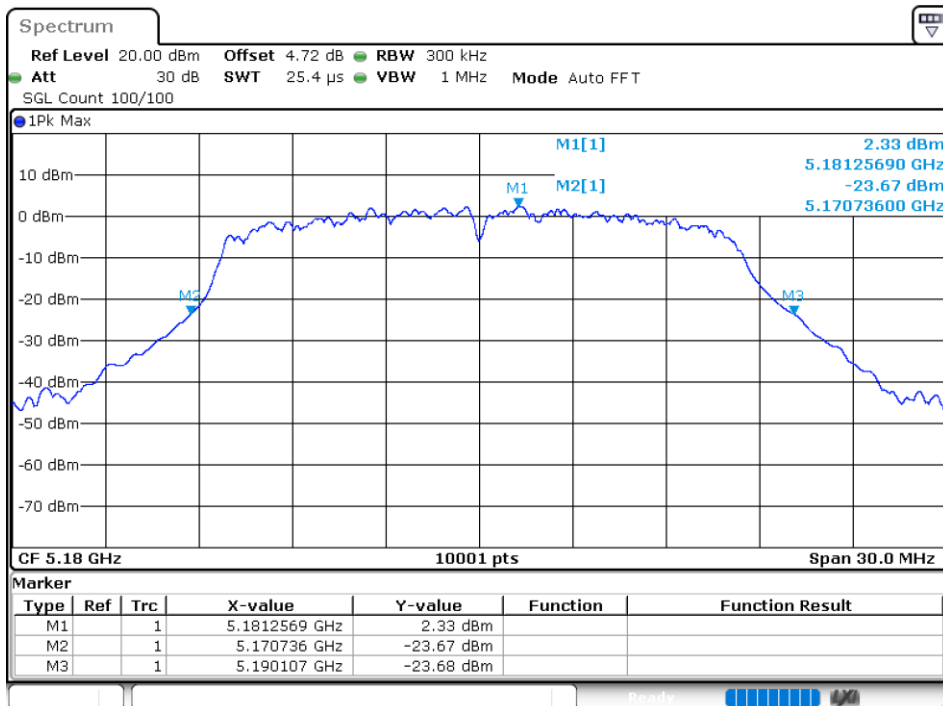
Note: The average power value already includes the duty cycle factor.

-26dB Bandwidth

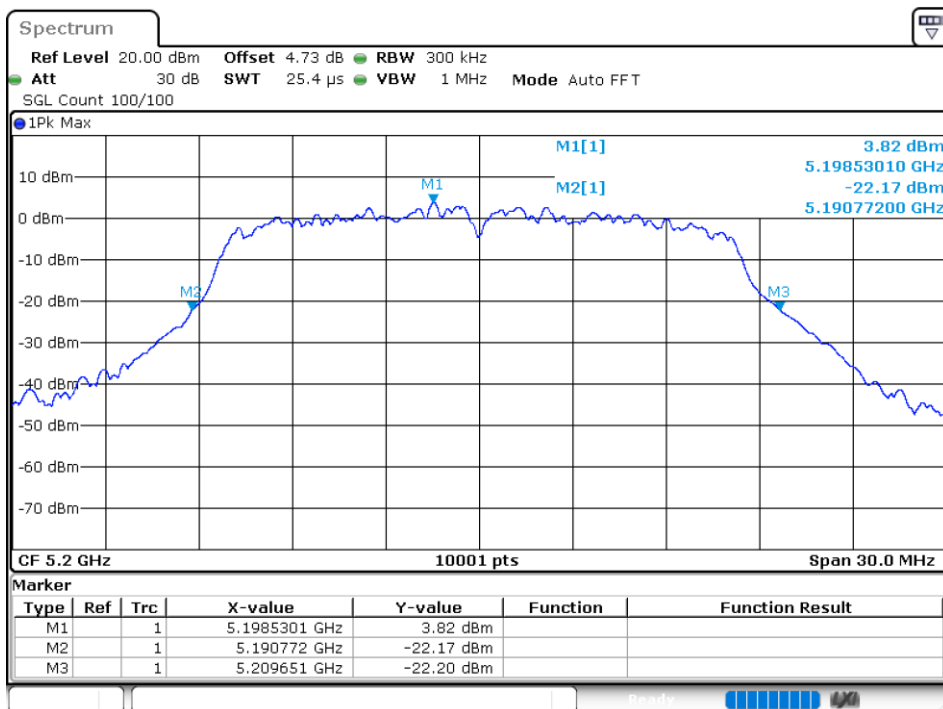
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.371	Pass
NVNT	a	5200	Ant1	18.879	Pass
NVNT	a	5240	Ant1	19.425	Pass
NVNT	n20	5180	Ant1	19.902	Pass
NVNT	n20	5200	Ant1	20.811	Pass
NVNT	n20	5240	Ant1	21.012	Pass

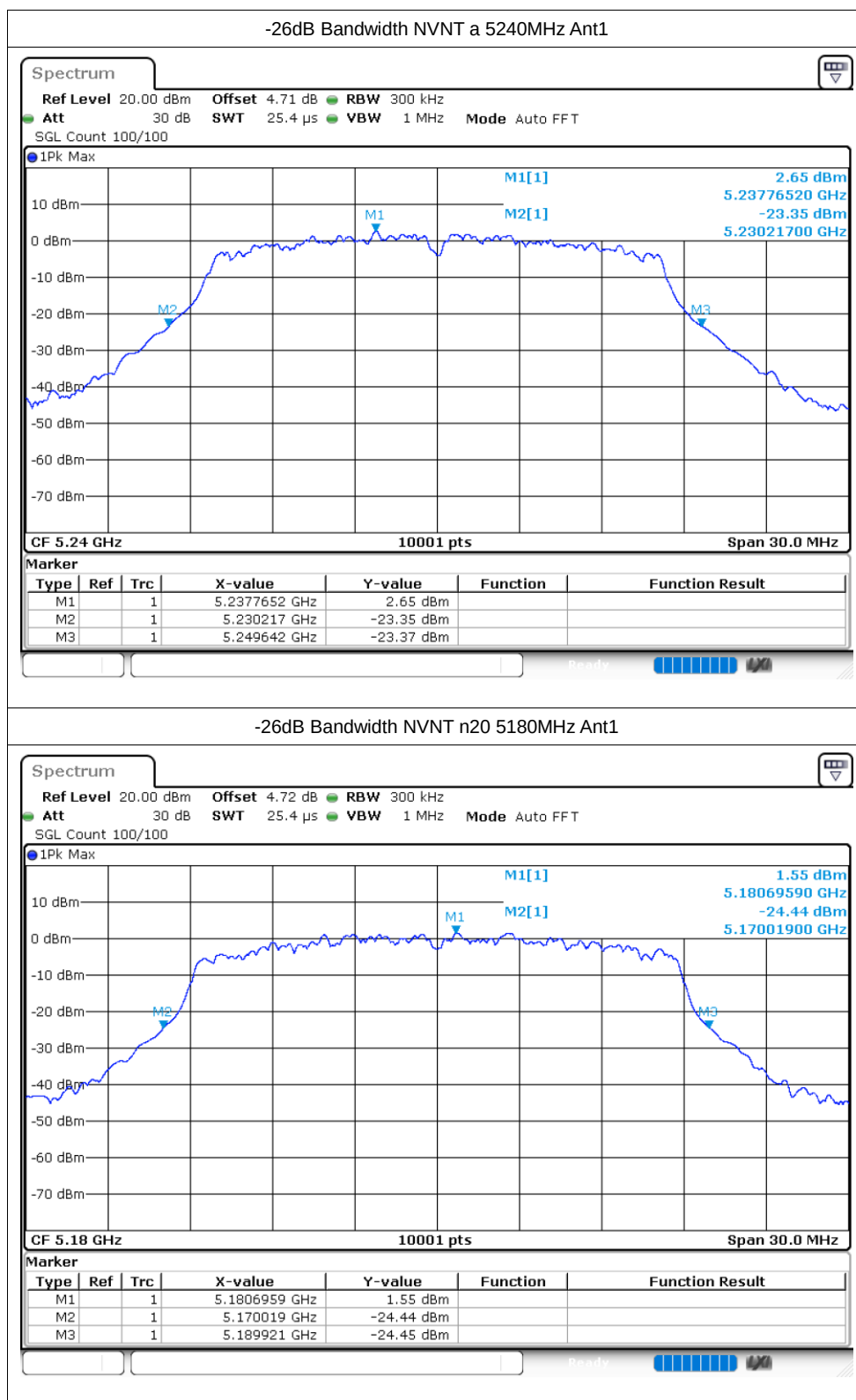
Test Graphs

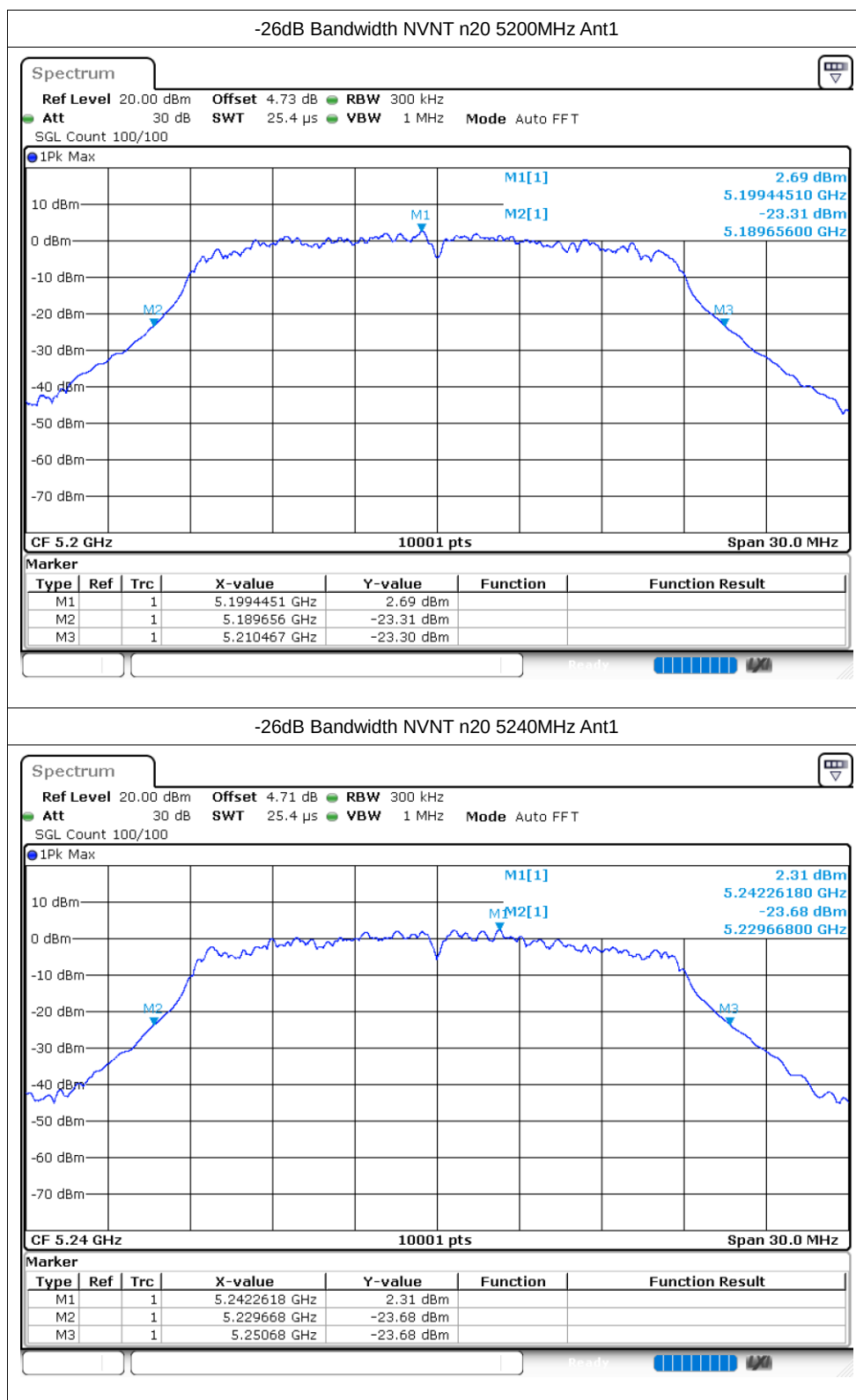
-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1





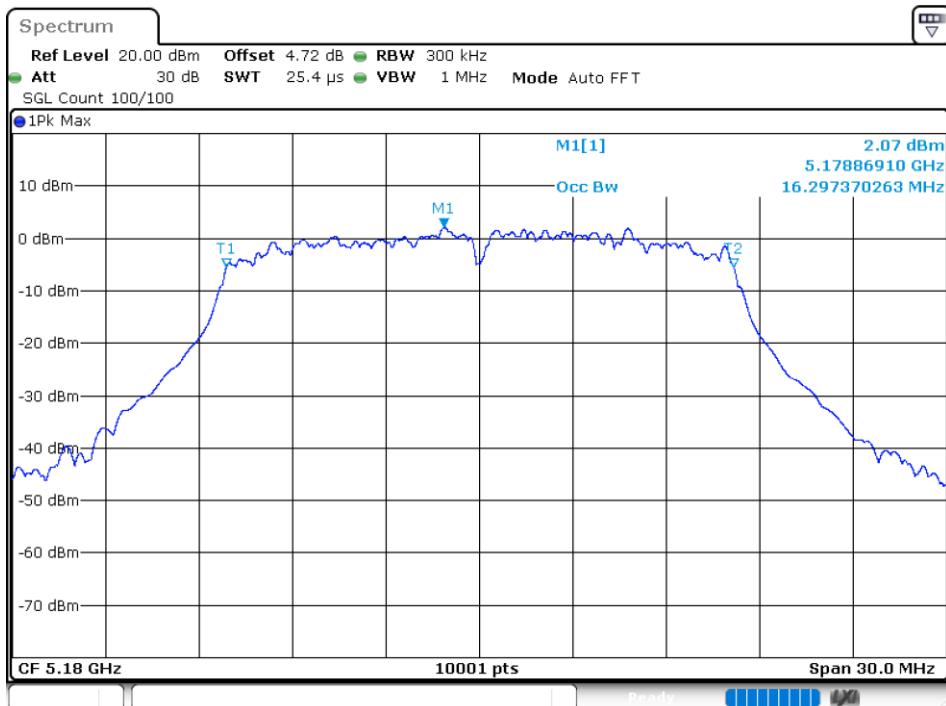


Occupied Channel Bandwidth

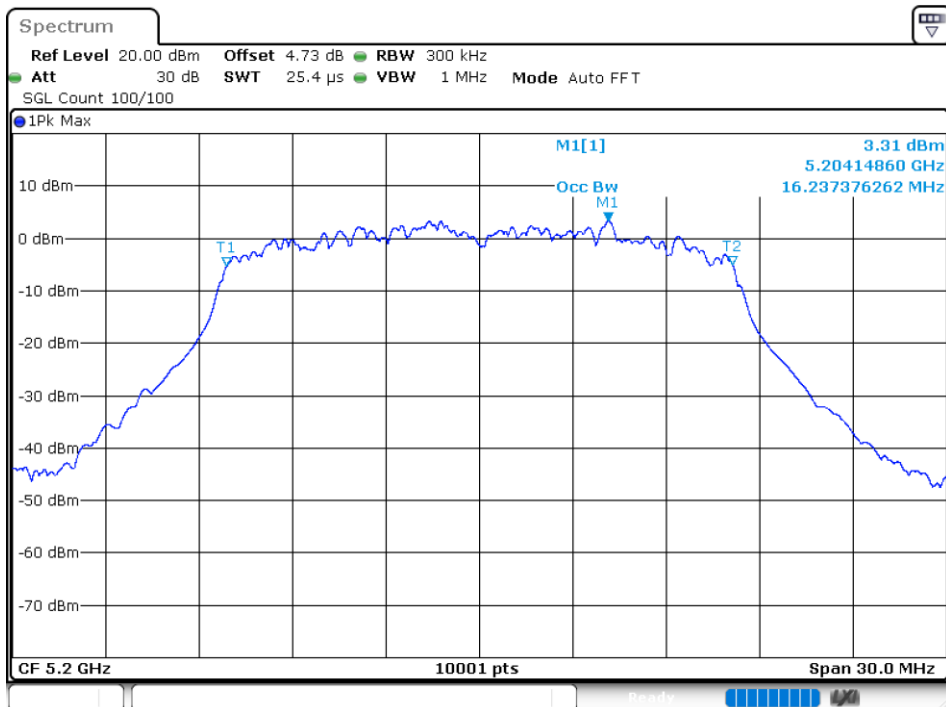
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.297
NVNT	a	5200	Ant1	16.237
NVNT	a	5240	Ant1	16.228
NVNT	n20	5180	Ant1	17.296
NVNT	n20	5200	Ant1	17.251
NVNT	n20	5240	Ant1	17.386

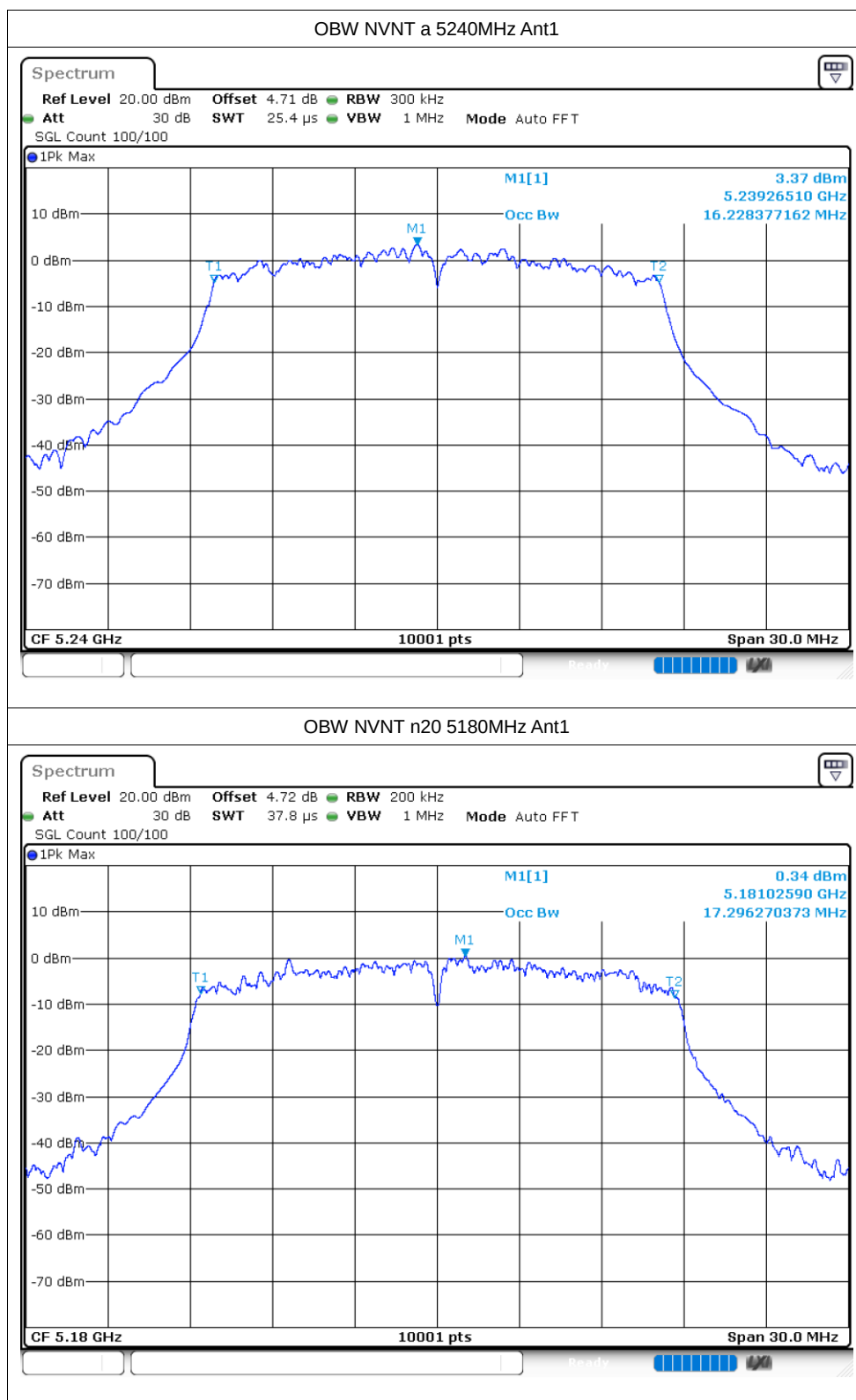
Test Graphs

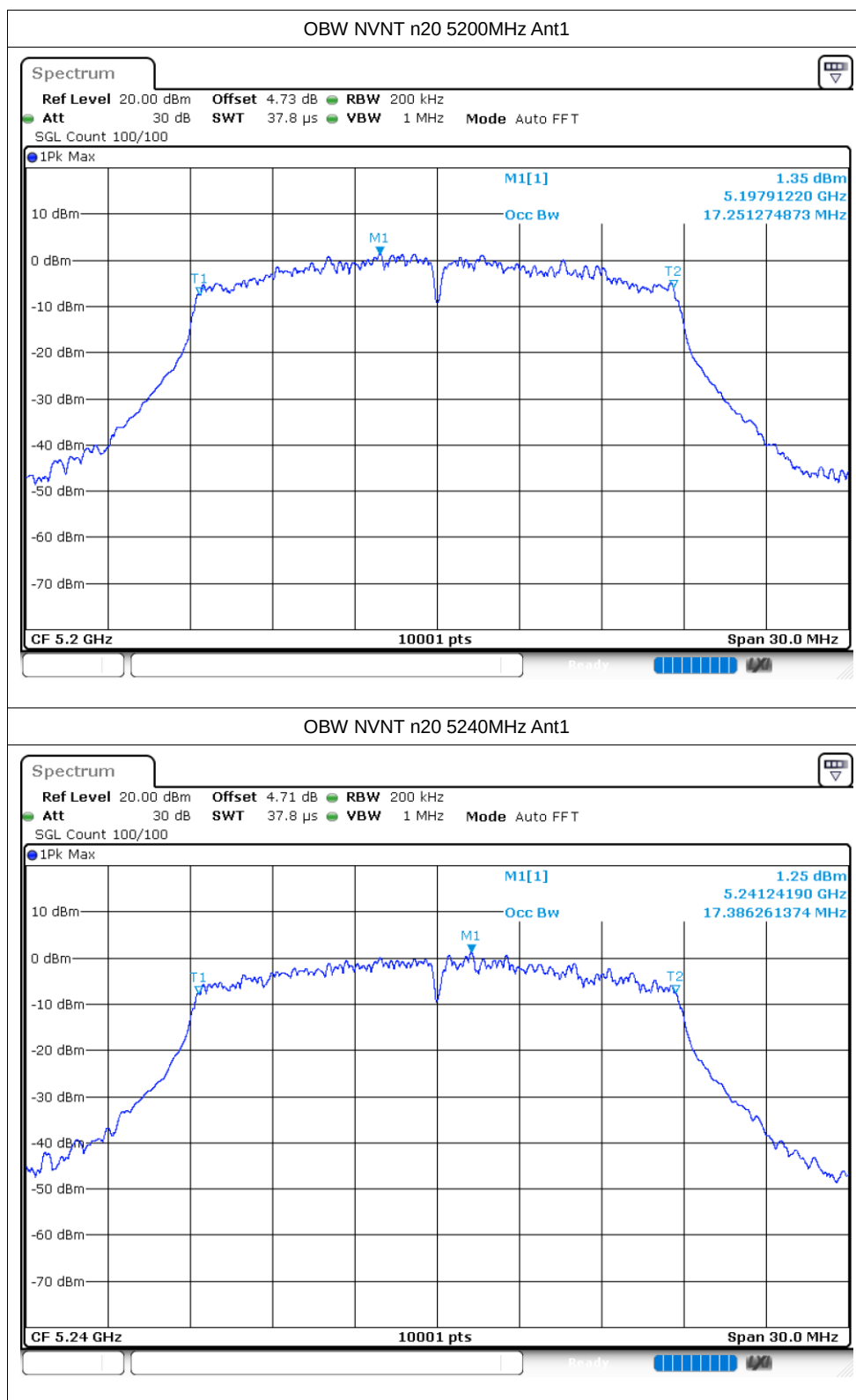
OBW NVNT a 5180MHz Ant1



OBW NVNT a 5200MHz Ant1





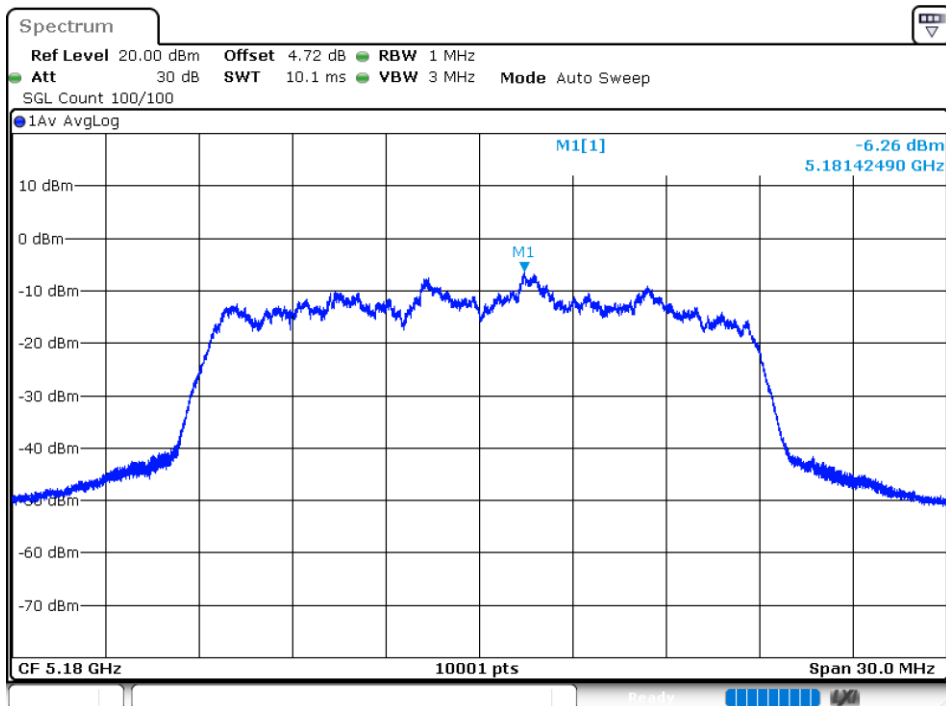


Maximum Power Spectral Density Level

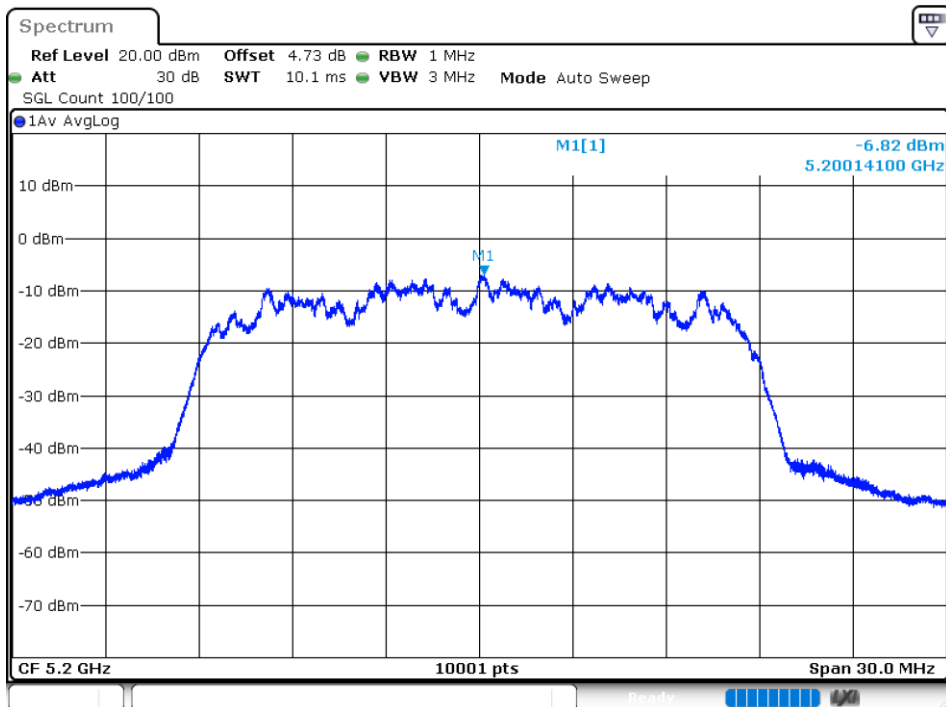
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-6.26	0.93	-5.33	11	Pass
NVNT	a	5200	Ant1	-6.82	0.93	-5.89	11	Pass
NVNT	a	5240	Ant1	-9.18	0.93	-8.25	11	Pass
NVNT	n20	5180	Ant1	-10.89	1.01	-9.88	11	Pass
NVNT	n20	5200	Ant1	-10.07	1.01	-9.06	11	Pass
NVNT	n20	5240	Ant1	-10.93	1	-9.93	11	Pass

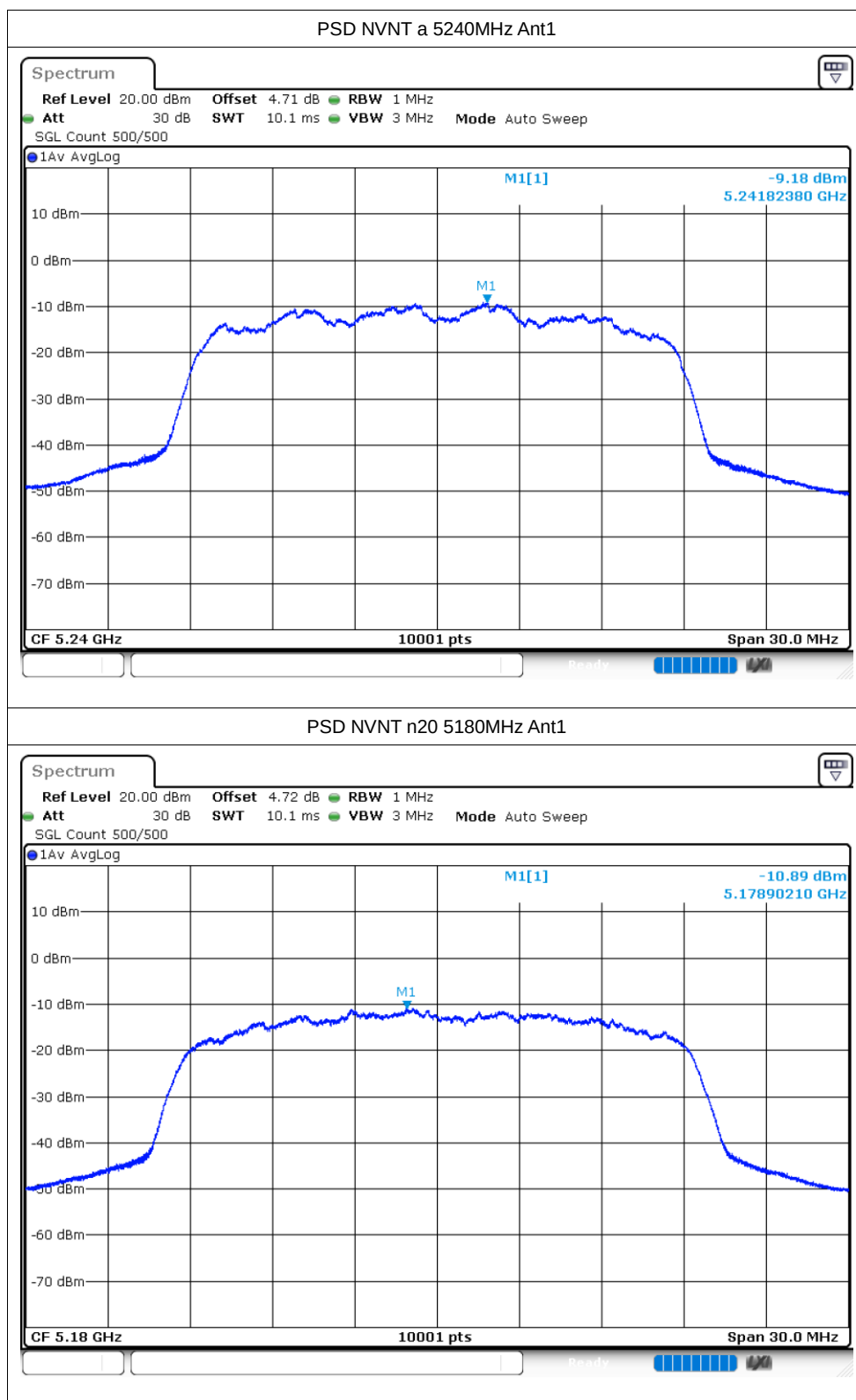
Test Graphs

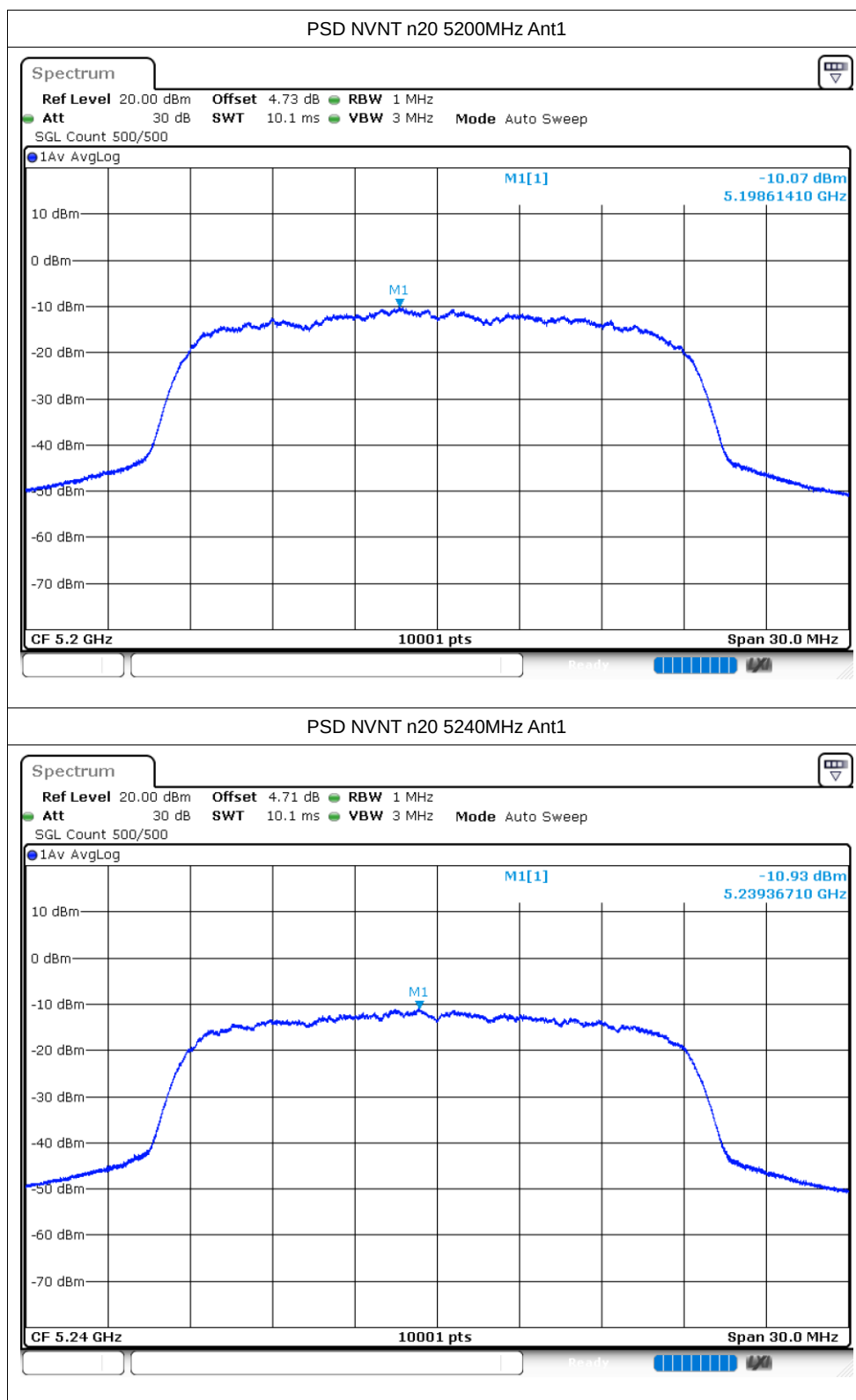
PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1



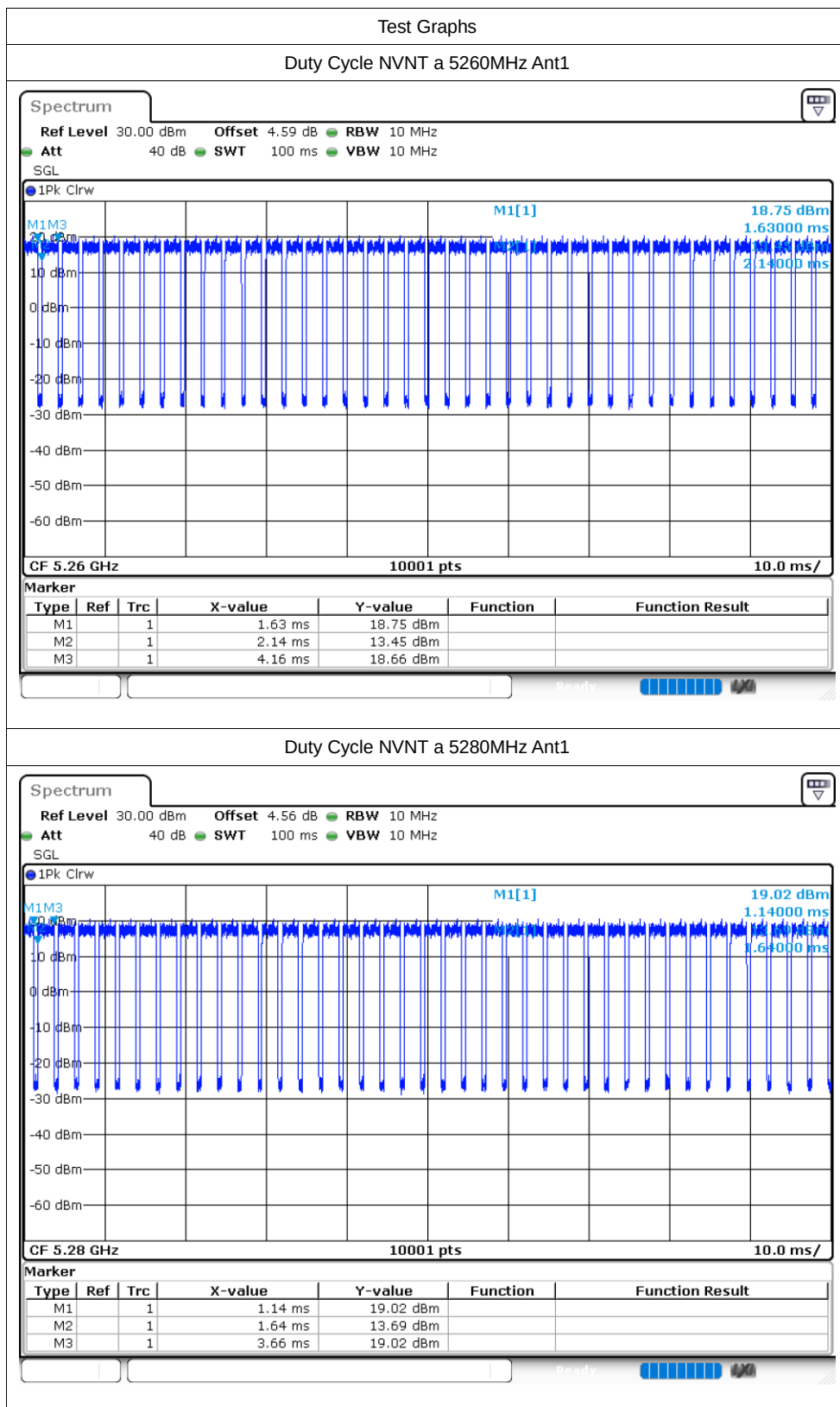


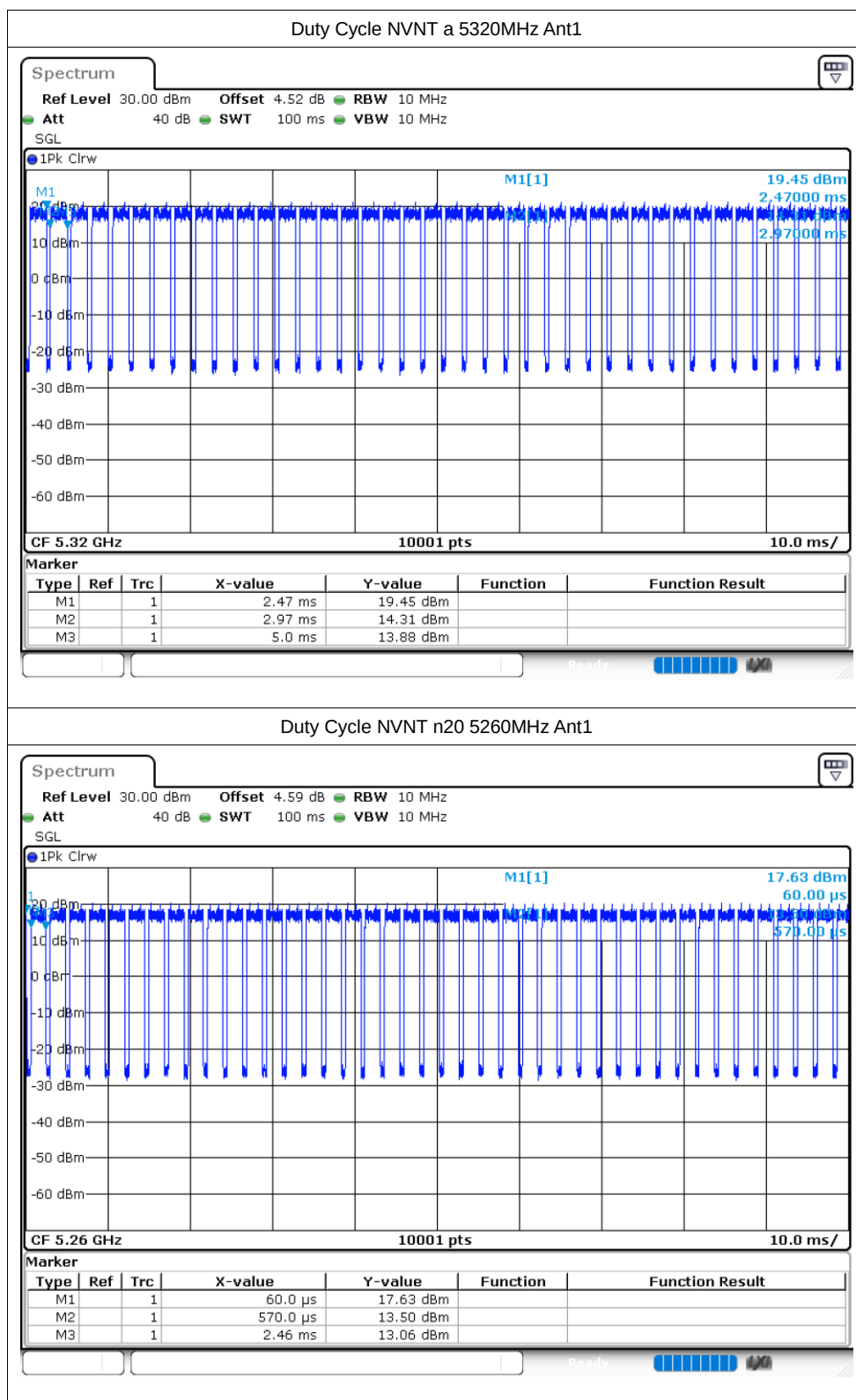


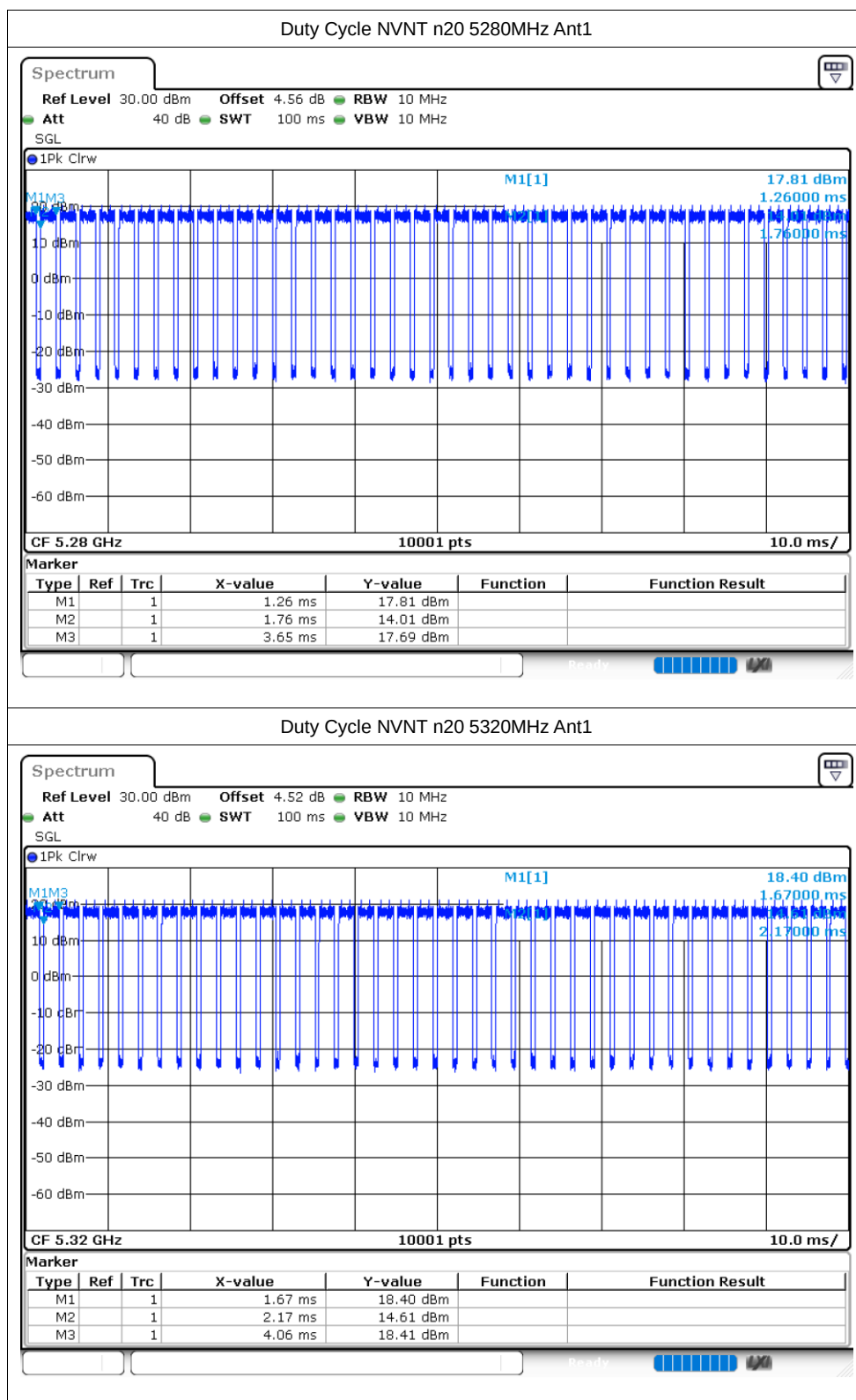
WIFI 5.3G

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	80.81	0.93	0.5
NVNT	a	5280	Ant1	80.46	0.94	0.5
NVNT	a	5320	Ant1	80.35	0.95	0.49
NVNT	n20	5260	Ant1	79.38	1	0.53
NVNT	n20	5280	Ant1	79.33	1.01	0.53
NVNT	n20	5320	Ant1	79.47	1	0.53







Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	12.68	24	Pass
NVNT	a	5280	Ant1	12.98	24	Pass
NVNT	a	5320	Ant1	13.72	24	Pass
NVNT	n20	5260	Ant1	12.52	24	Pass
NVNT	n20	5280	Ant1	13.26	24	Pass
NVNT	n20	5320	Ant1	13.69	24	Pass

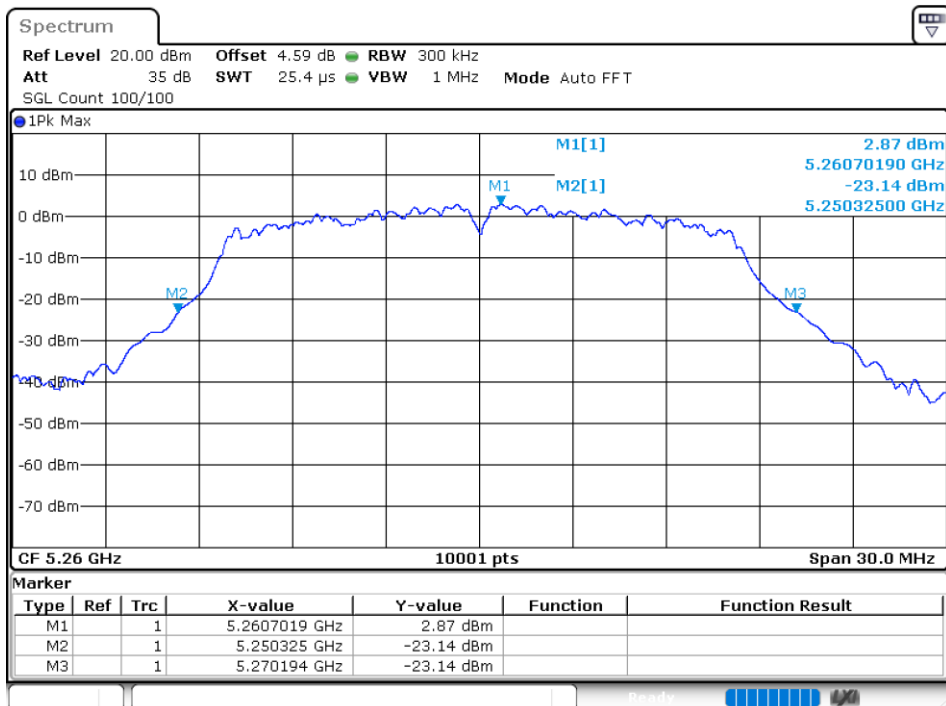
Note: The average power value already includes the duty cycle factor.

-26dB Bandwidth

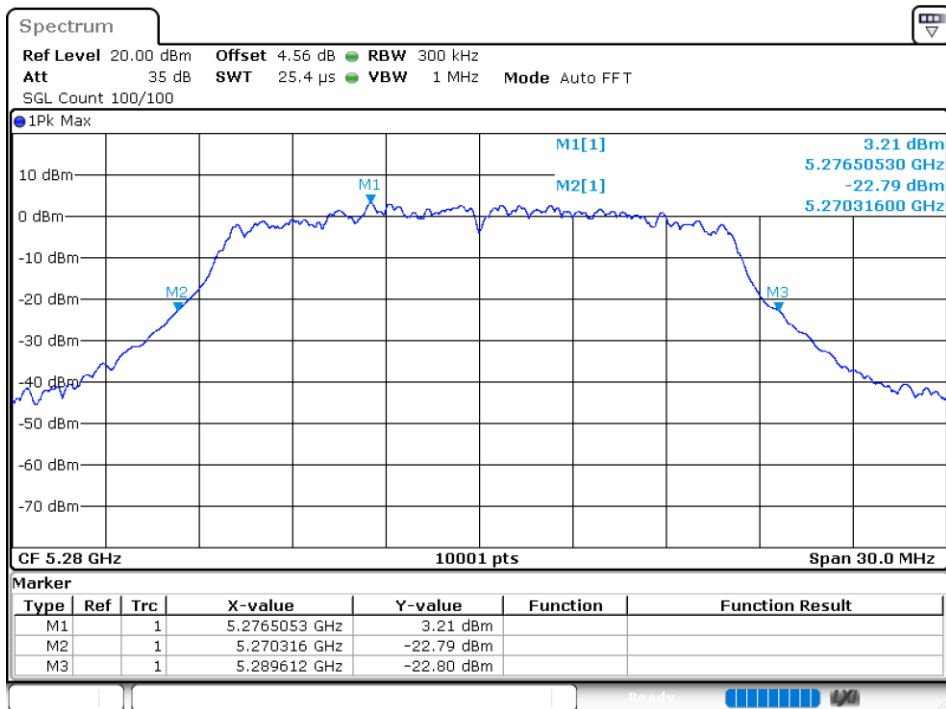
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	19.869	Pass
NVNT	a	5280	Ant1	19.296	Pass
NVNT	a	5320	Ant1	19.188	Pass
NVNT	n20	5260	Ant1	20.178	Pass
NVNT	n20	5280	Ant1	19.632	Pass
NVNT	n20	5320	Ant1	21.162	Pass

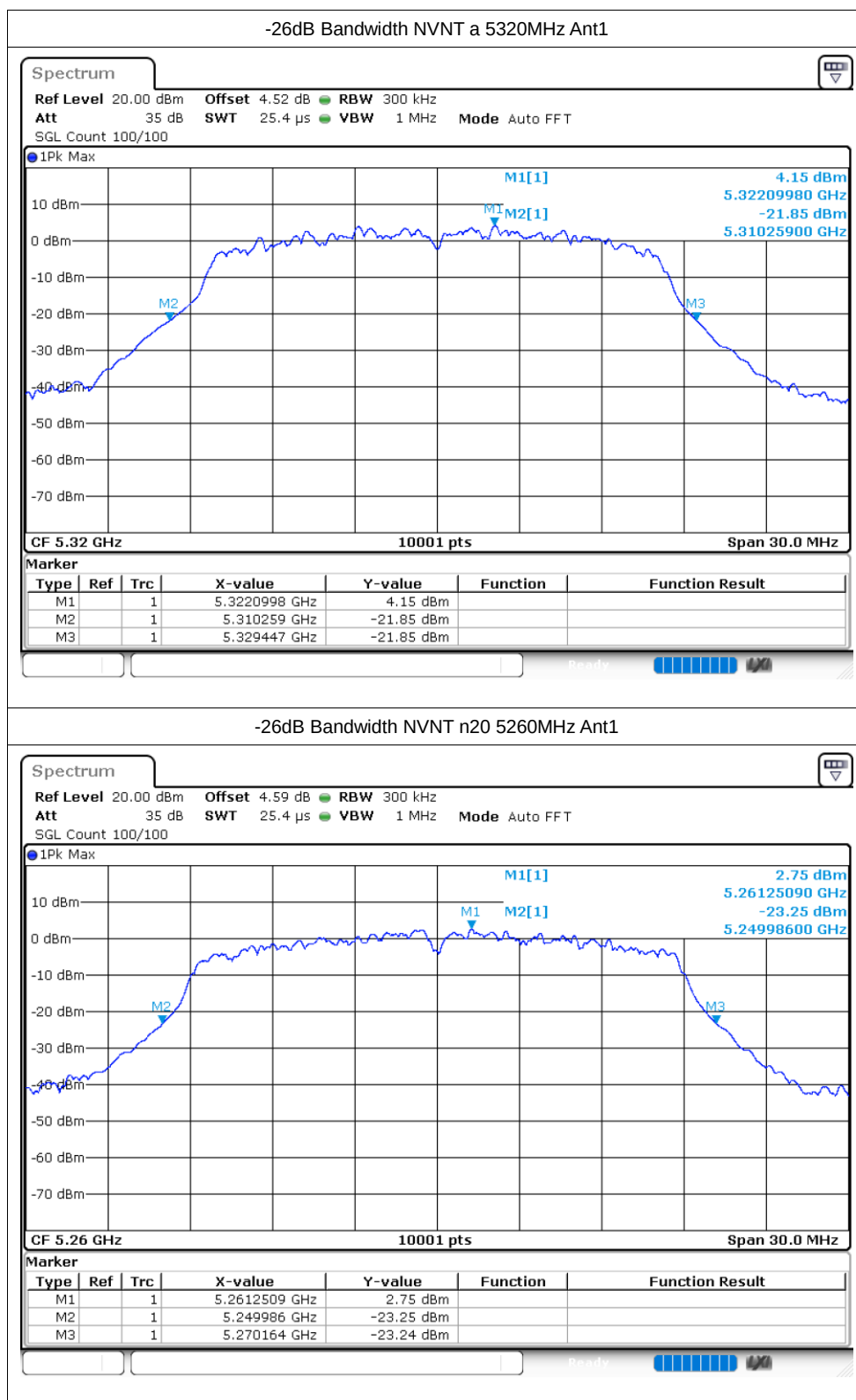
Test Graphs

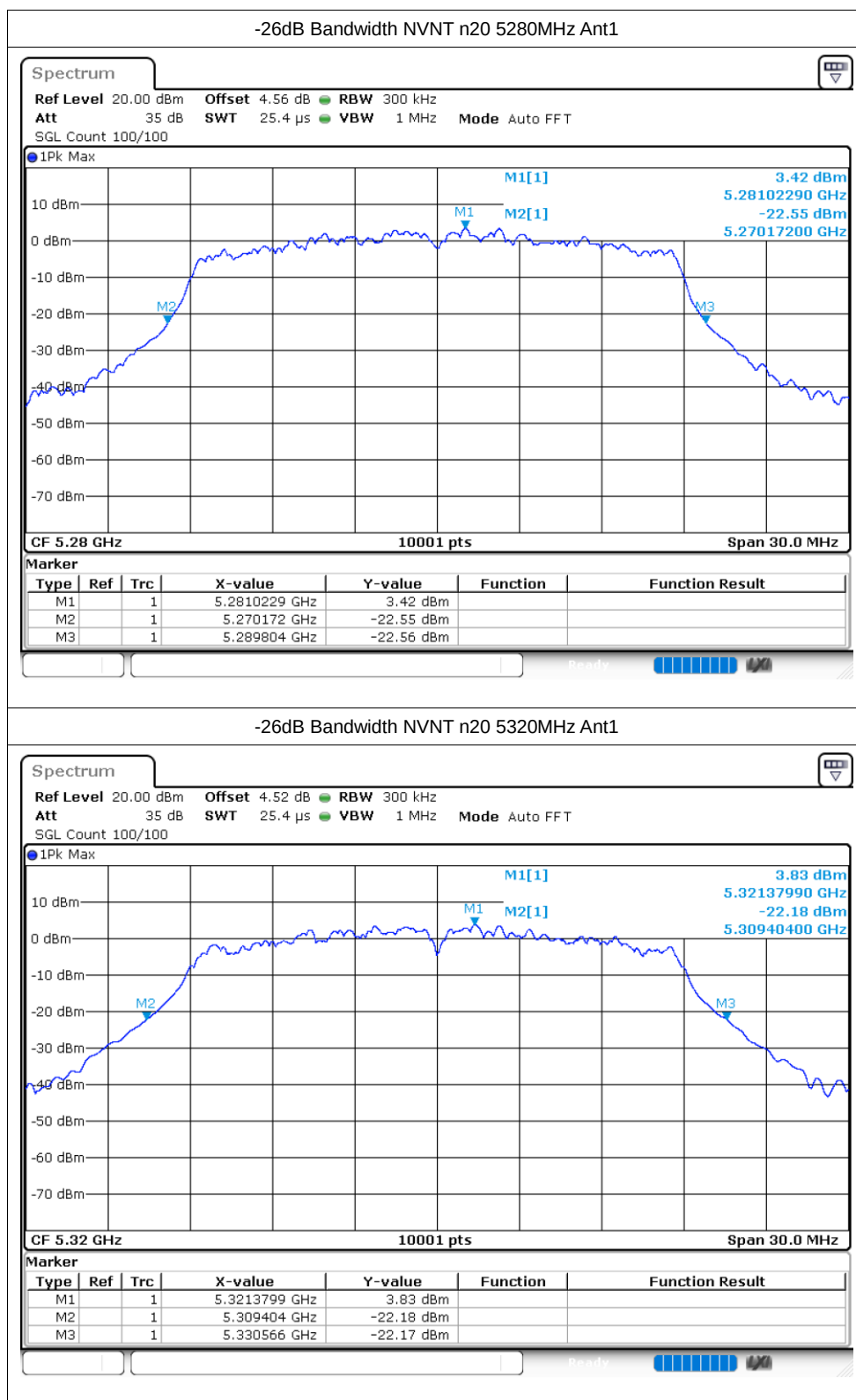
-26dB Bandwidth NVNT a 5260MHz Ant1



-26dB Bandwidth NVNT a 5280MHz Ant1







Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.309
NVNT	a	5280	Ant1	16.24
NVNT	a	5320	Ant1	16.195
NVNT	n20	5260	Ant1	17.29
NVNT	n20	5280	Ant1	17.449
NVNT	n20	5320	Ant1	17.305

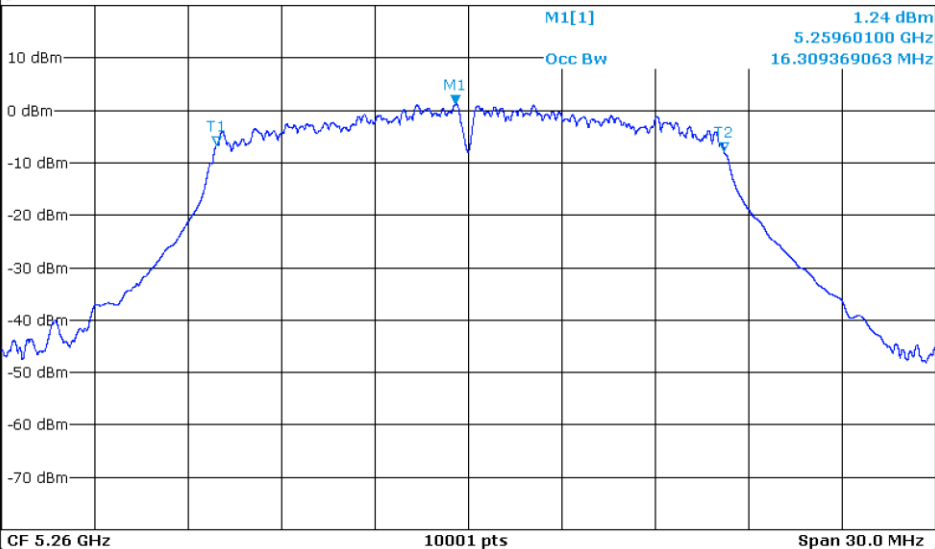
Test Graphs

OBW NVNT a 5260MHz Ant1

Spectrum

Ref Level 20.00 dBm **Offset** 4.59 dB **RBW** 200 kHz
Att 30 dB **SWT** 37.8 μ s **VBW** 1 MHz **Mode** Auto FFT
SGL Count 100/100

1Pk Max

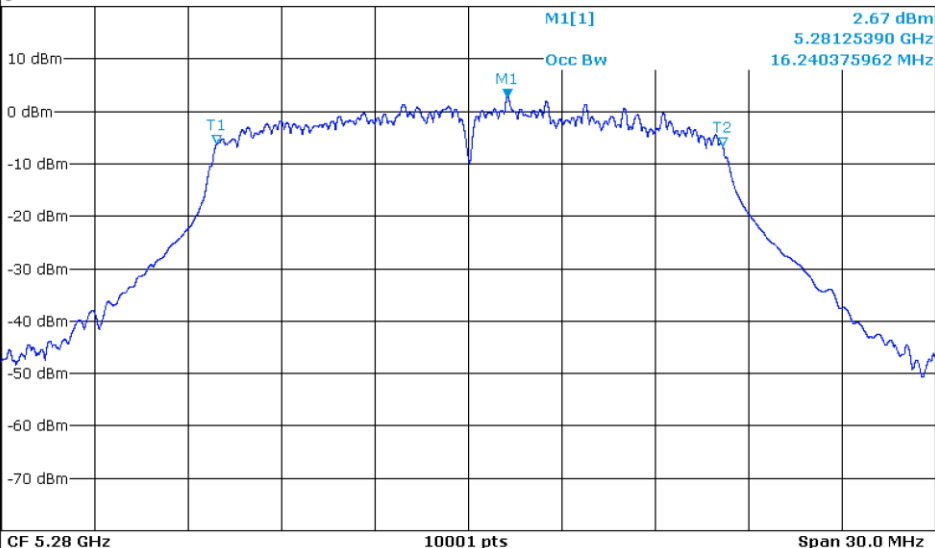


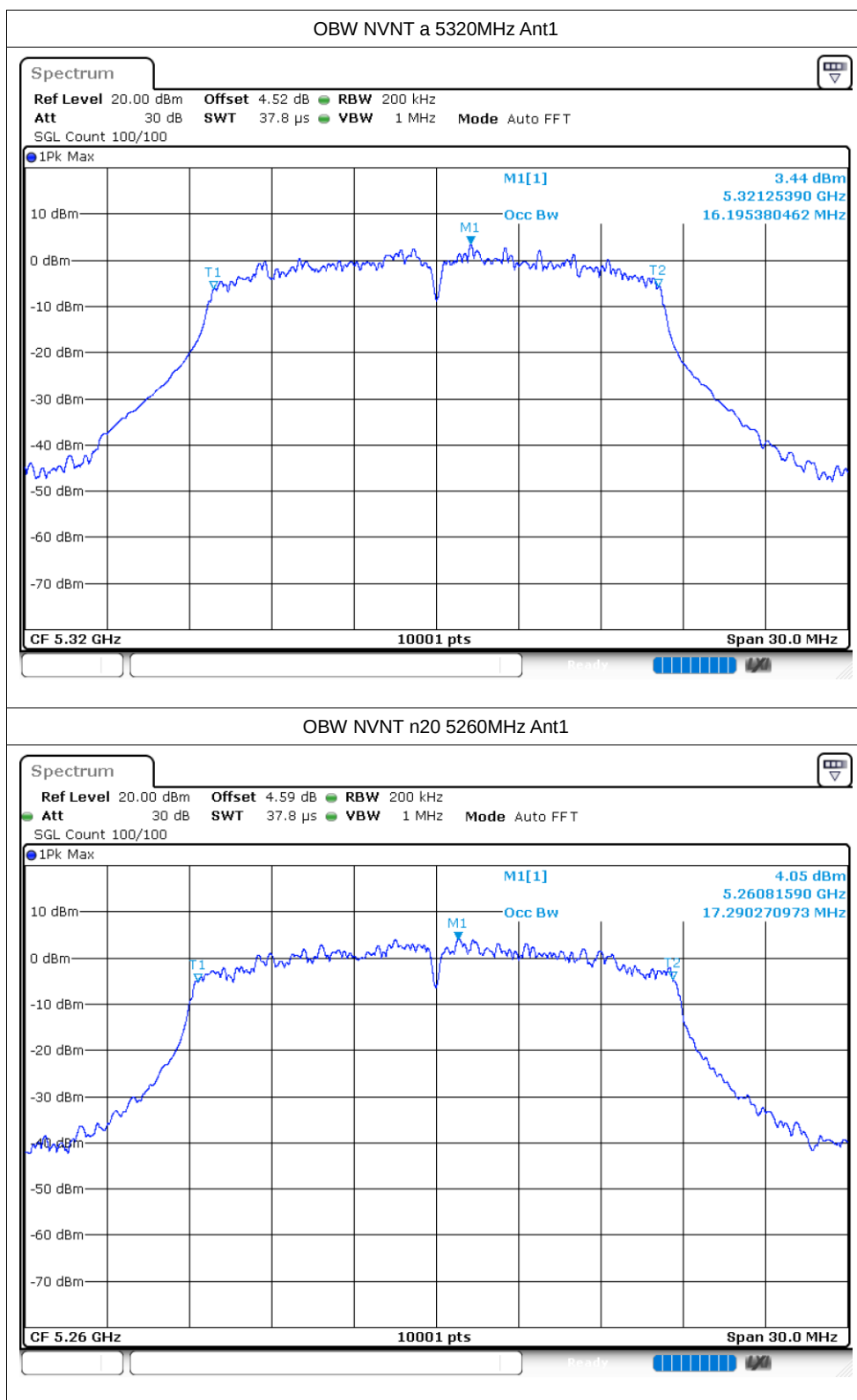
OBW NVNT a 5280MHz Ant1

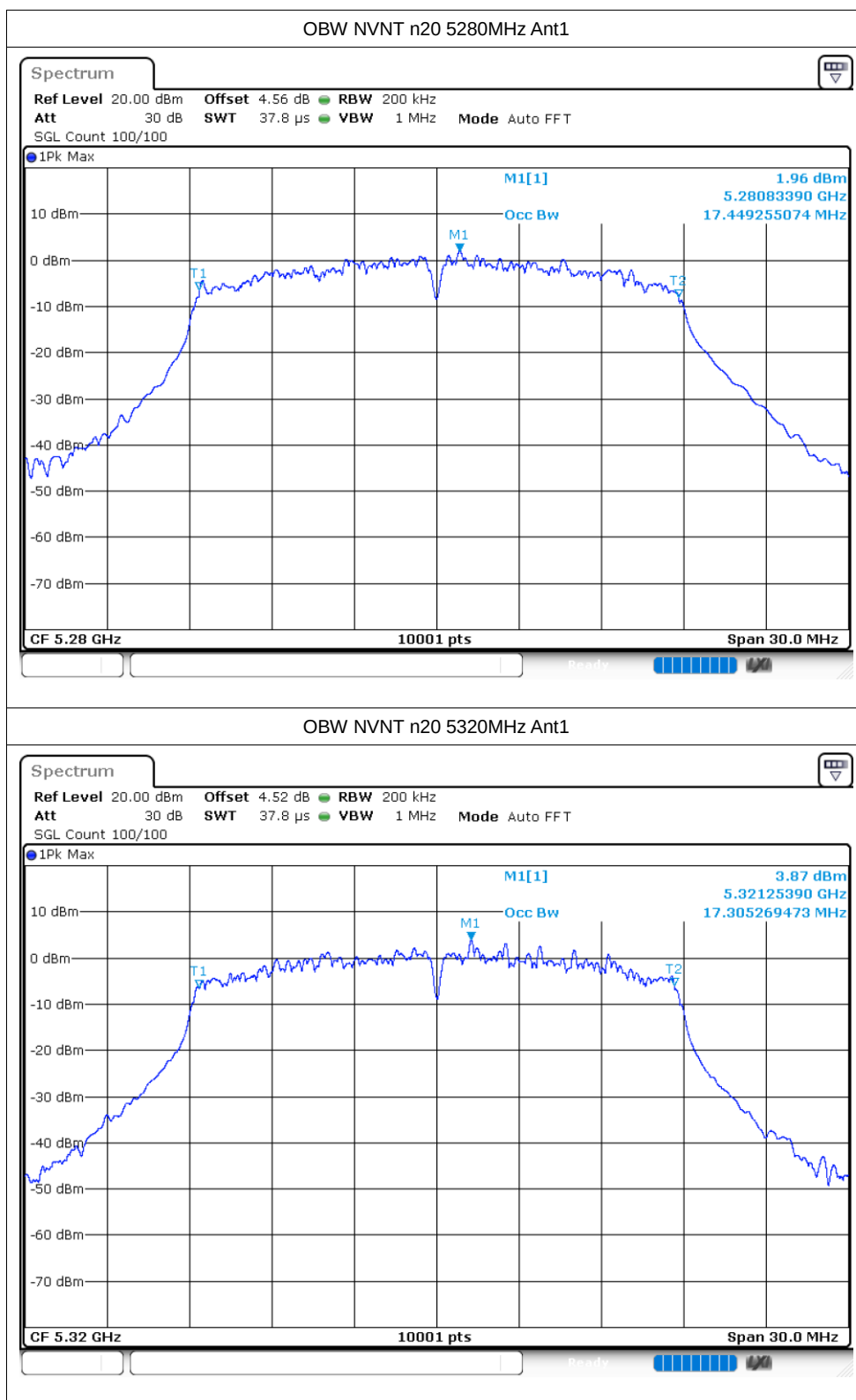
Spectrum

Ref Level 20.00 dBm **Offset** 4.56 dB **RBW** 200 kHz
Att 30 dB **SWT** 37.8 μ s **VBW** 1 MHz **Mode** Auto FFT
SGL Count 100/100

1Pk Max





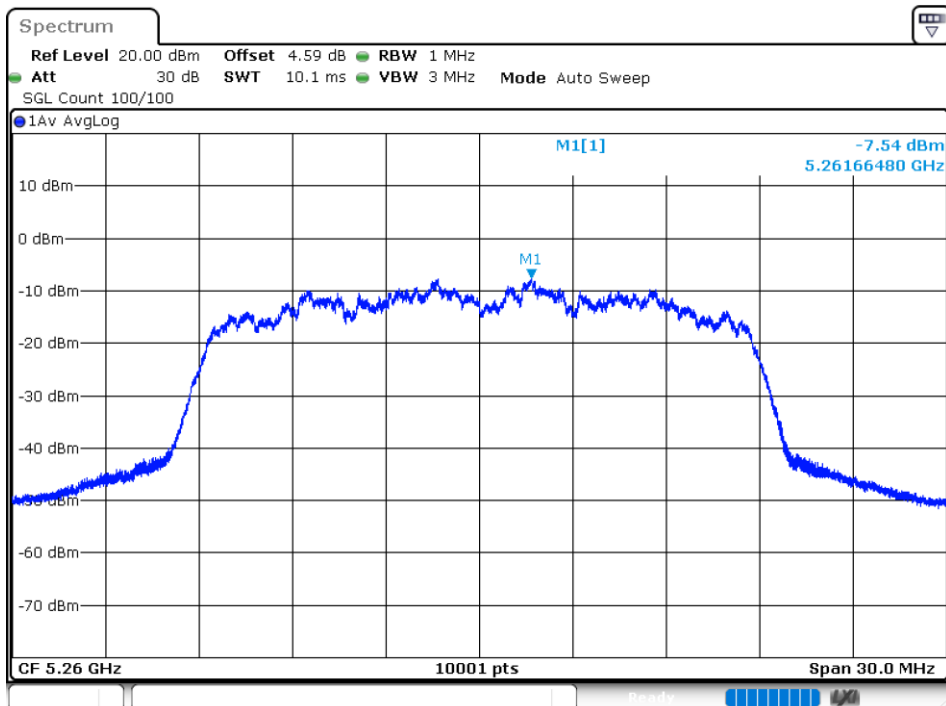


Maximum Power Spectral Density Level

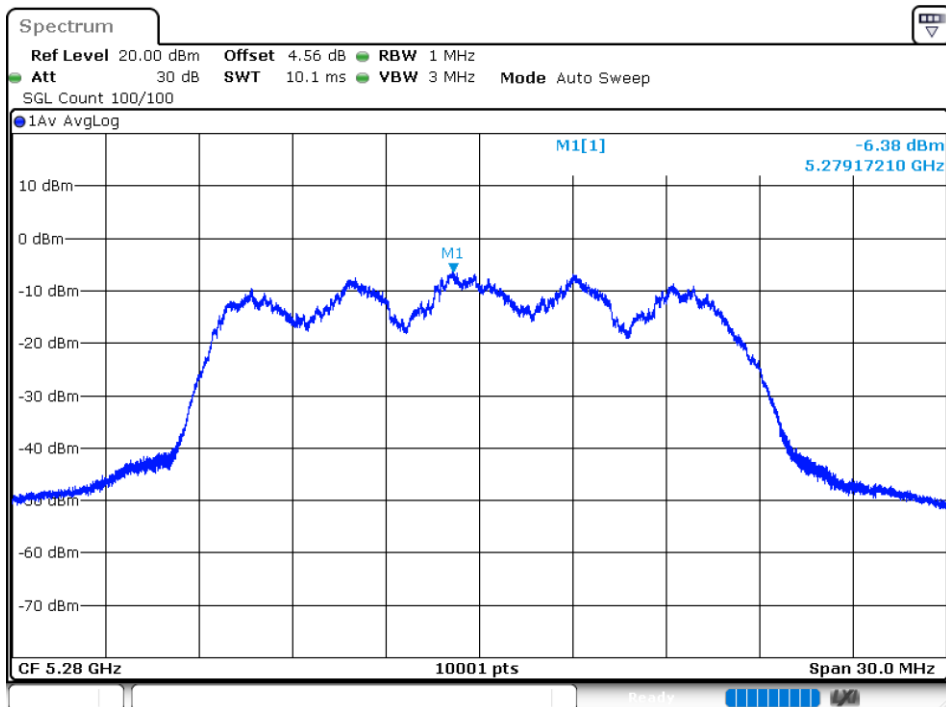
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-7.54	0.93	-6.61	11	Pass
NVNT	a	5280	Ant1	-6.38	0.94	-5.44	11	Pass
NVNT	a	5320	Ant1	-7.14	0.95	-6.19	11	Pass
NVNT	n20	5260	Ant1	-8.98	1	-7.98	11	Pass
NVNT	n20	5280	Ant1	-9.33	1.01	-8.32	11	Pass
NVNT	n20	5320	Ant1	-8.2	1	-7.2	11	Pass

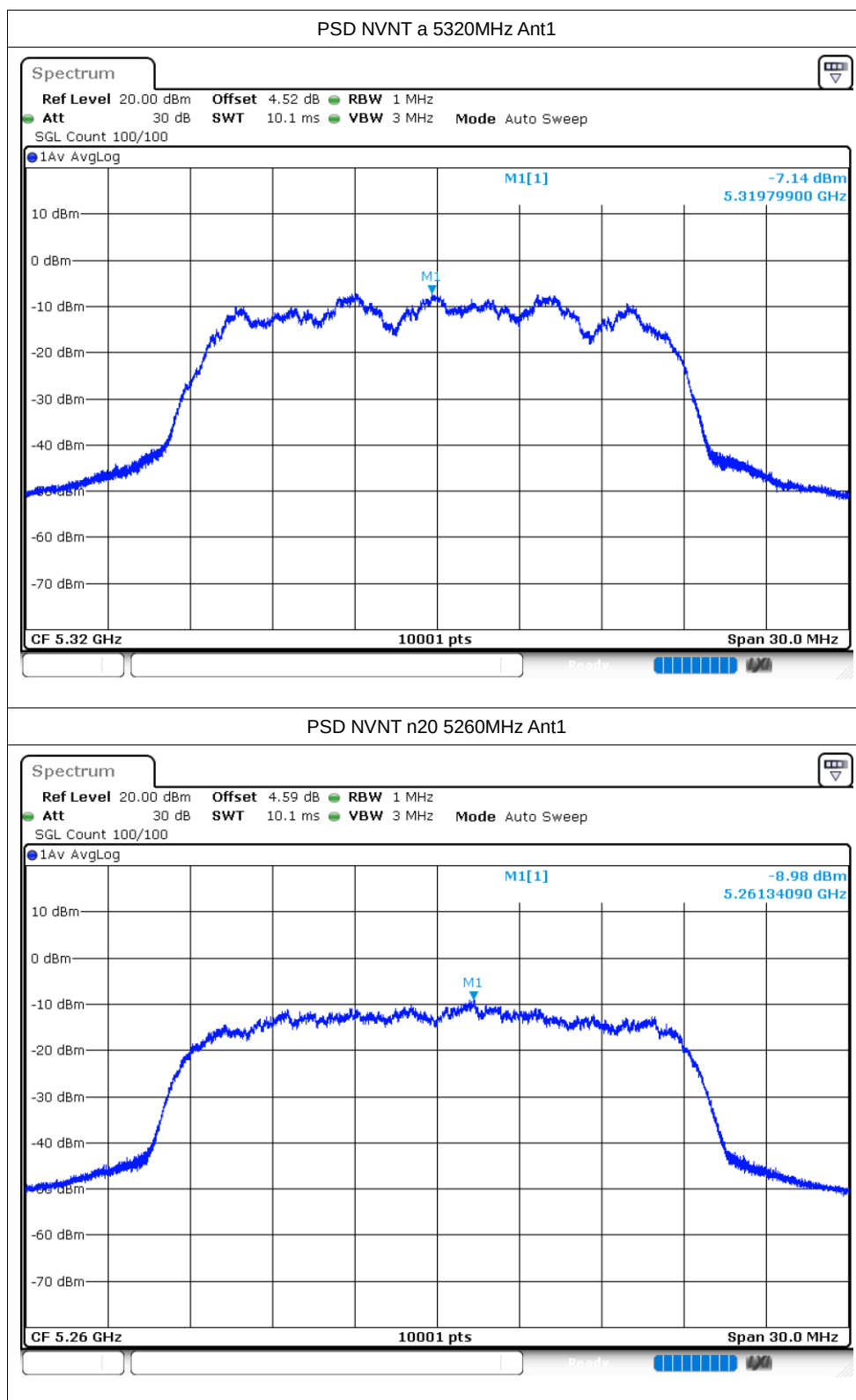
Test Graphs

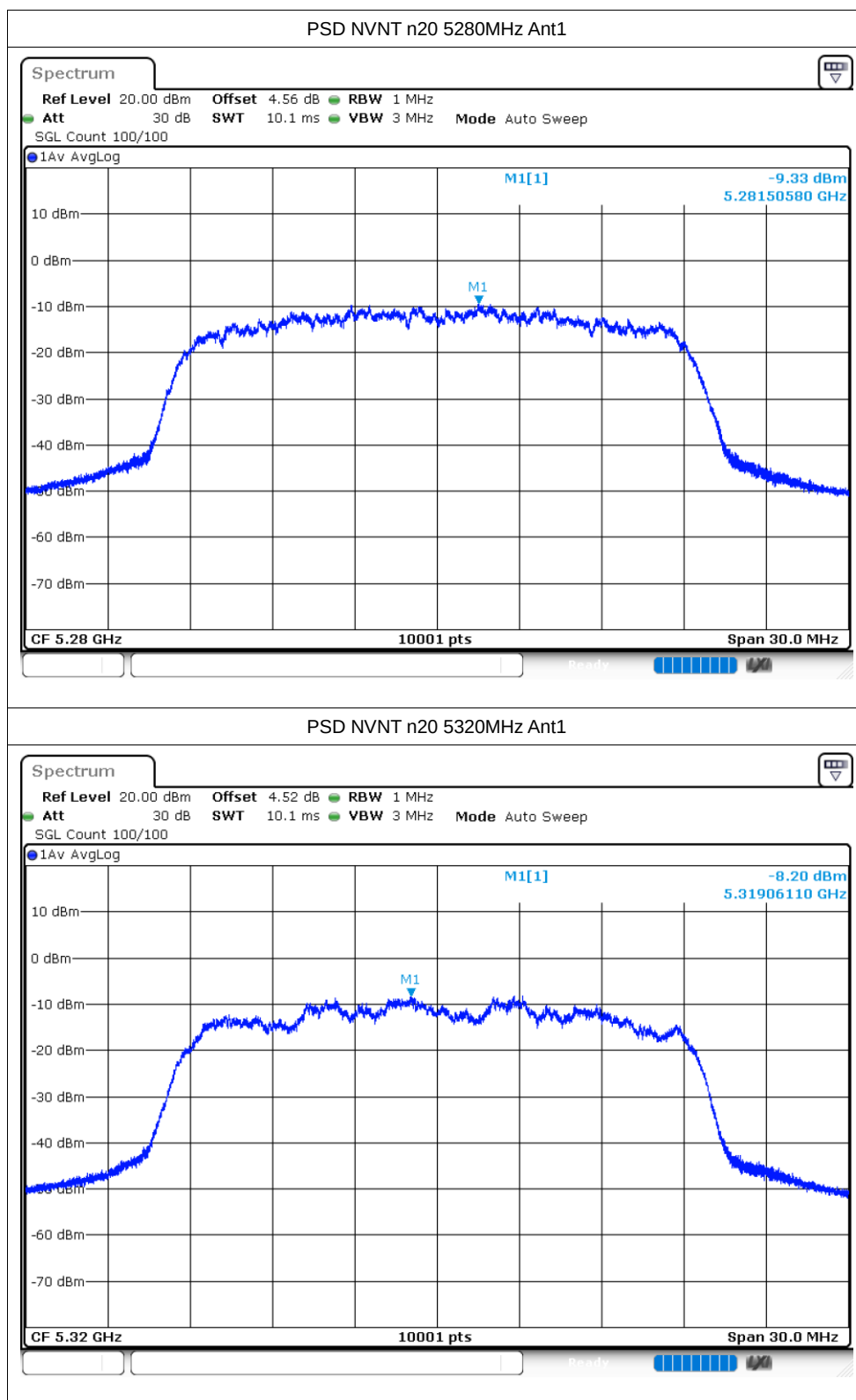
PSD NVNT a 5260MHz Ant1



PSD NVNT a 5280MHz Ant1



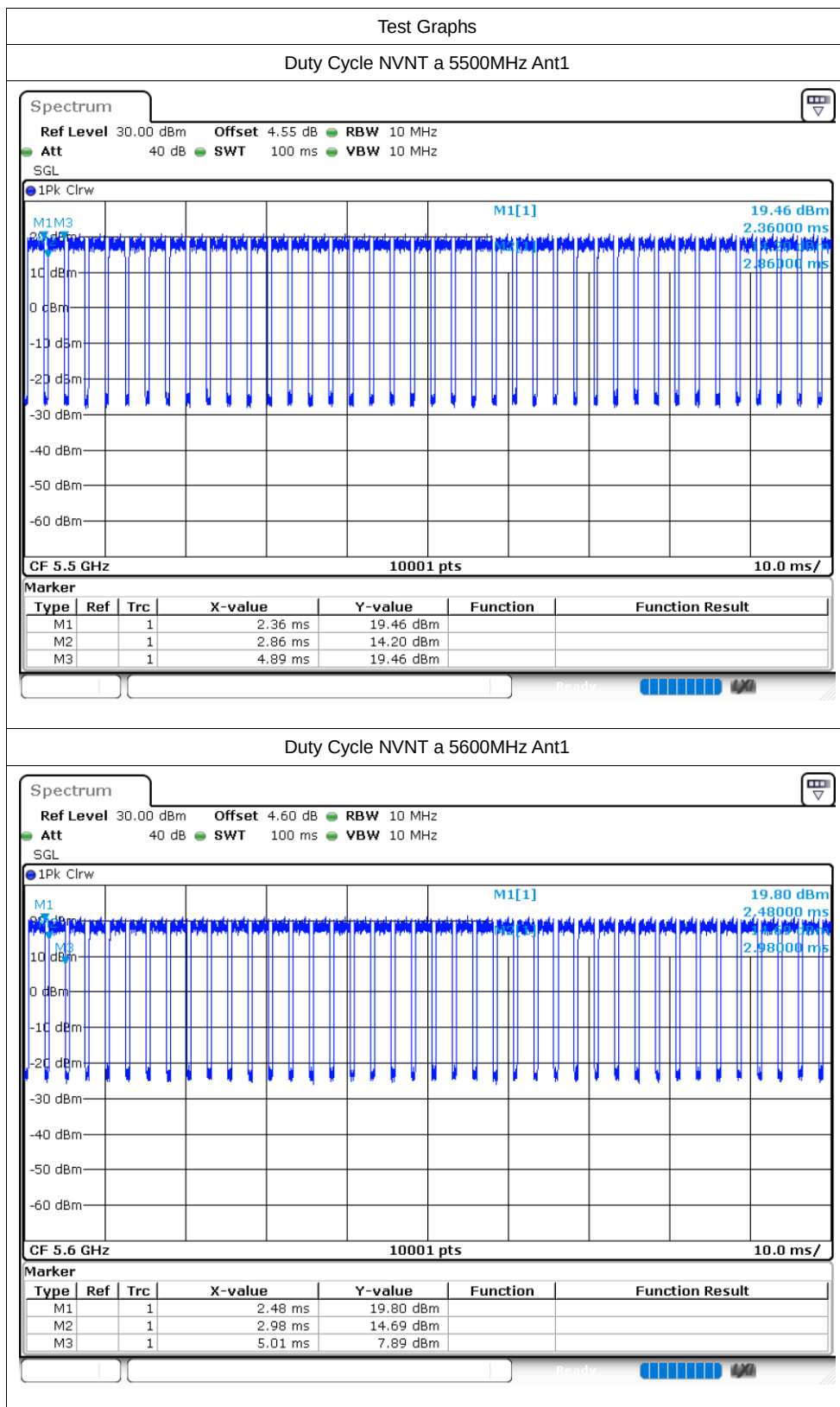


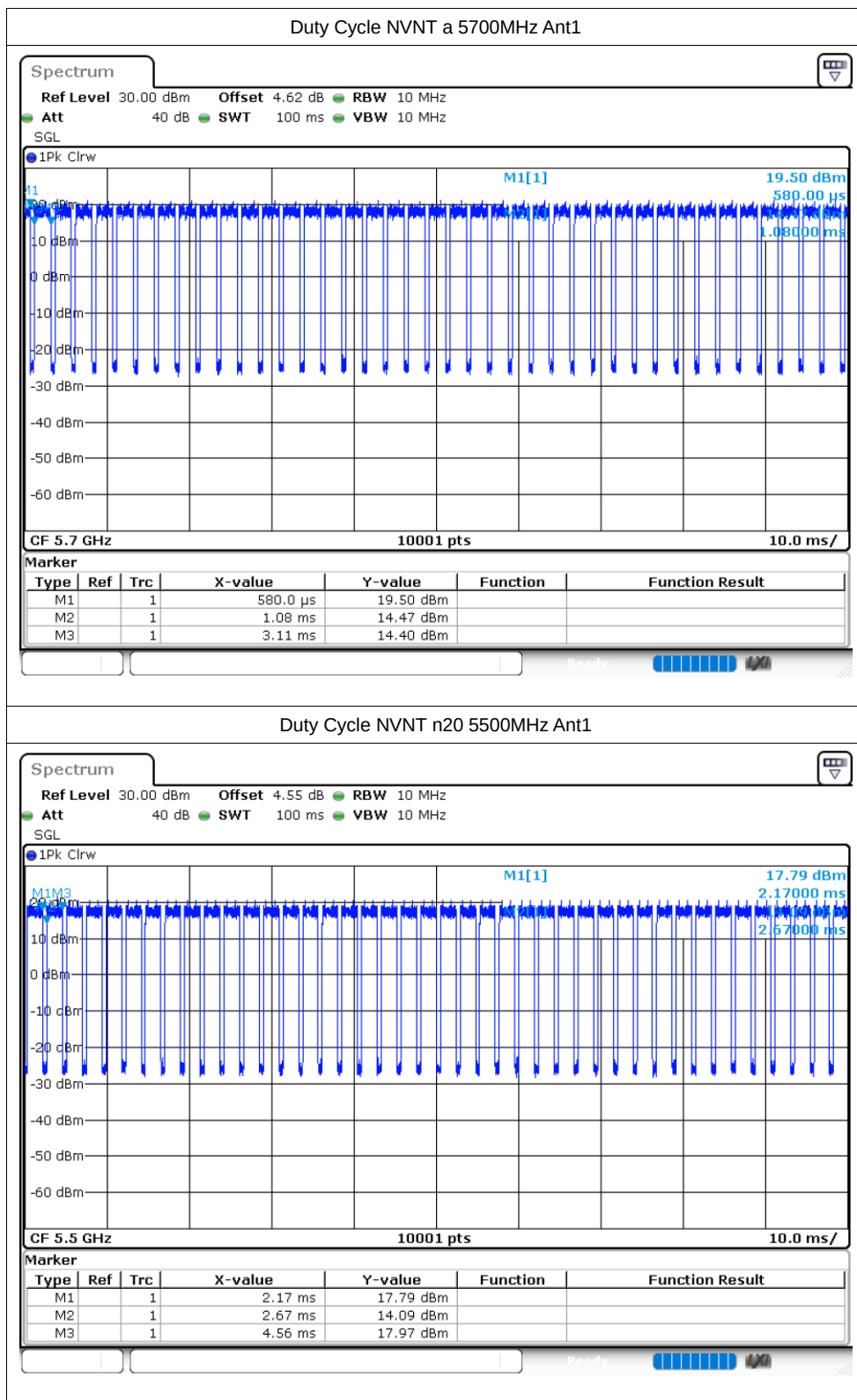


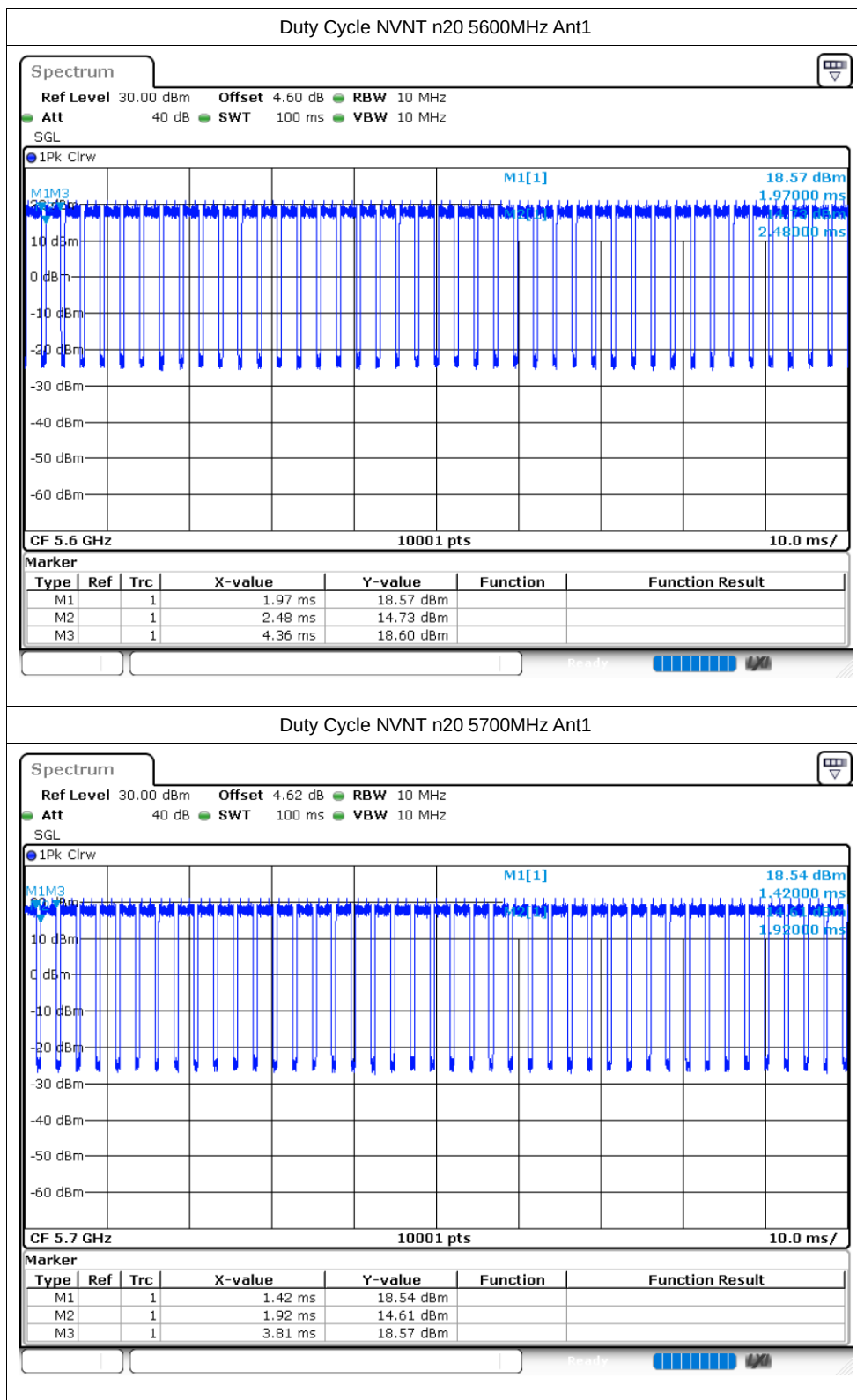
WIFI 5.6G

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	80.47	0.94	0.49
NVNT	a	5600	Ant1	80.35	0.95	0.49
NVNT	a	5700	Ant1	80.32	0.95	0.49
NVNT	n20	5500	Ant1	79.6	0.99	0.53
NVNT	n20	5600	Ant1	79.77	0.98	0.53
NVNT	n20	5700	Ant1	79.31	1.01	0.53







Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	13.53	24	Pass
NVNT	a	5600	Ant1	13.86	24	Pass
NVNT	a	5700	Ant1	13.56	24	Pass
NVNT	n20	5500	Ant1	13.27	24	Pass
NVNT	n20	5600	Ant1	13.72	24	Pass
NVNT	n20	5700	Ant1	13.34	24	Pass

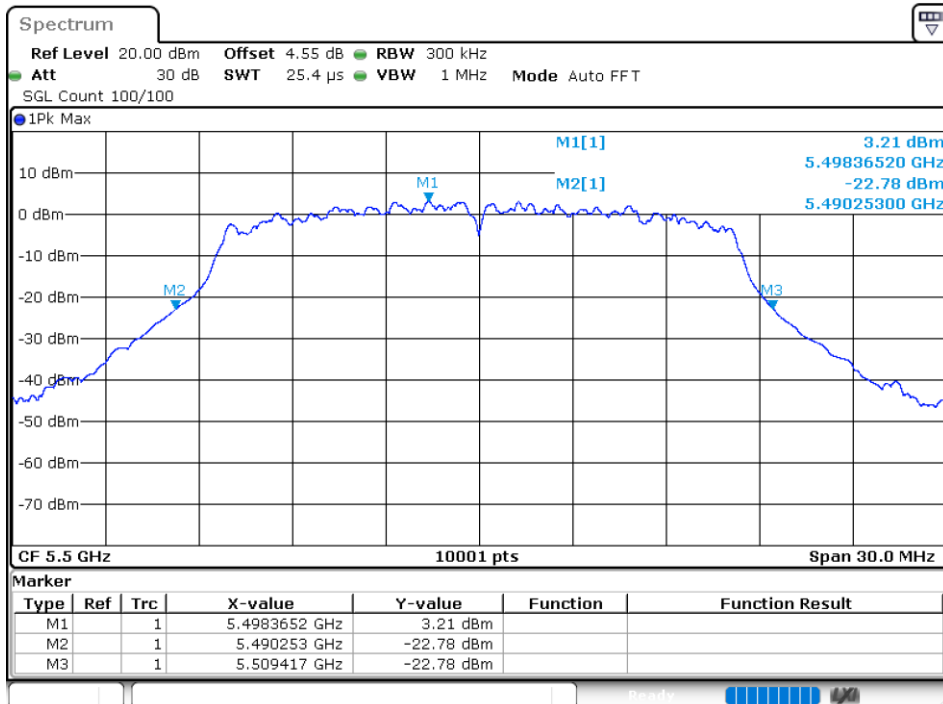
Note: The average power value already includes the duty cycle factor.

-26dB Bandwidth

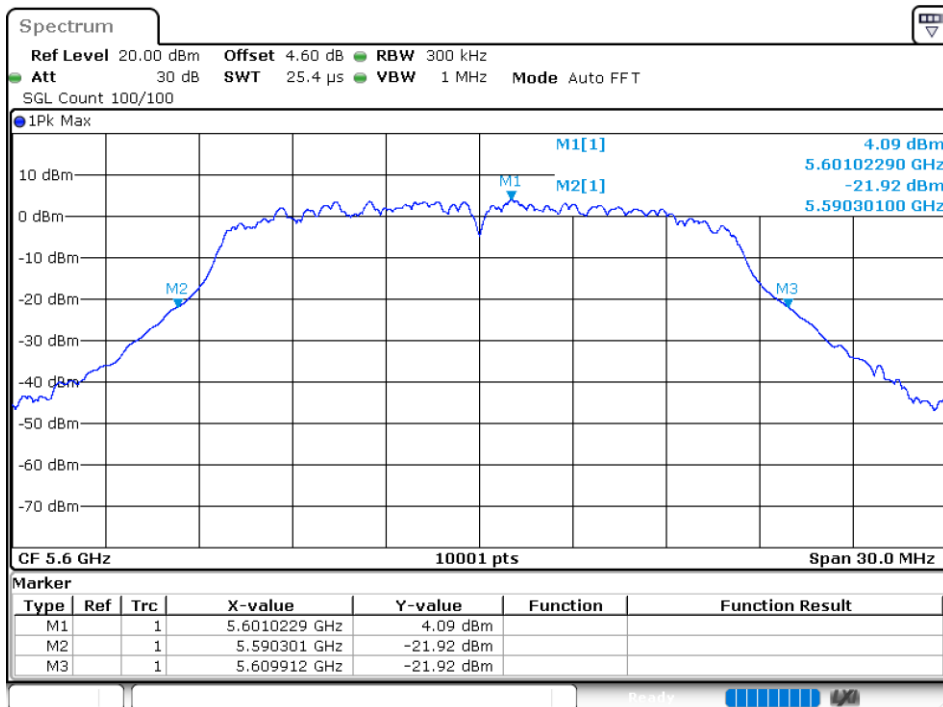
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	19.164	Pass
NVNT	a	5600	Ant1	19.611	Pass
NVNT	a	5700	Ant1	19.398	Pass
NVNT	n20	5500	Ant1	19.758	Pass
NVNT	n20	5600	Ant1	20.118	Pass
NVNT	n20	5700	Ant1	19.716	Pass

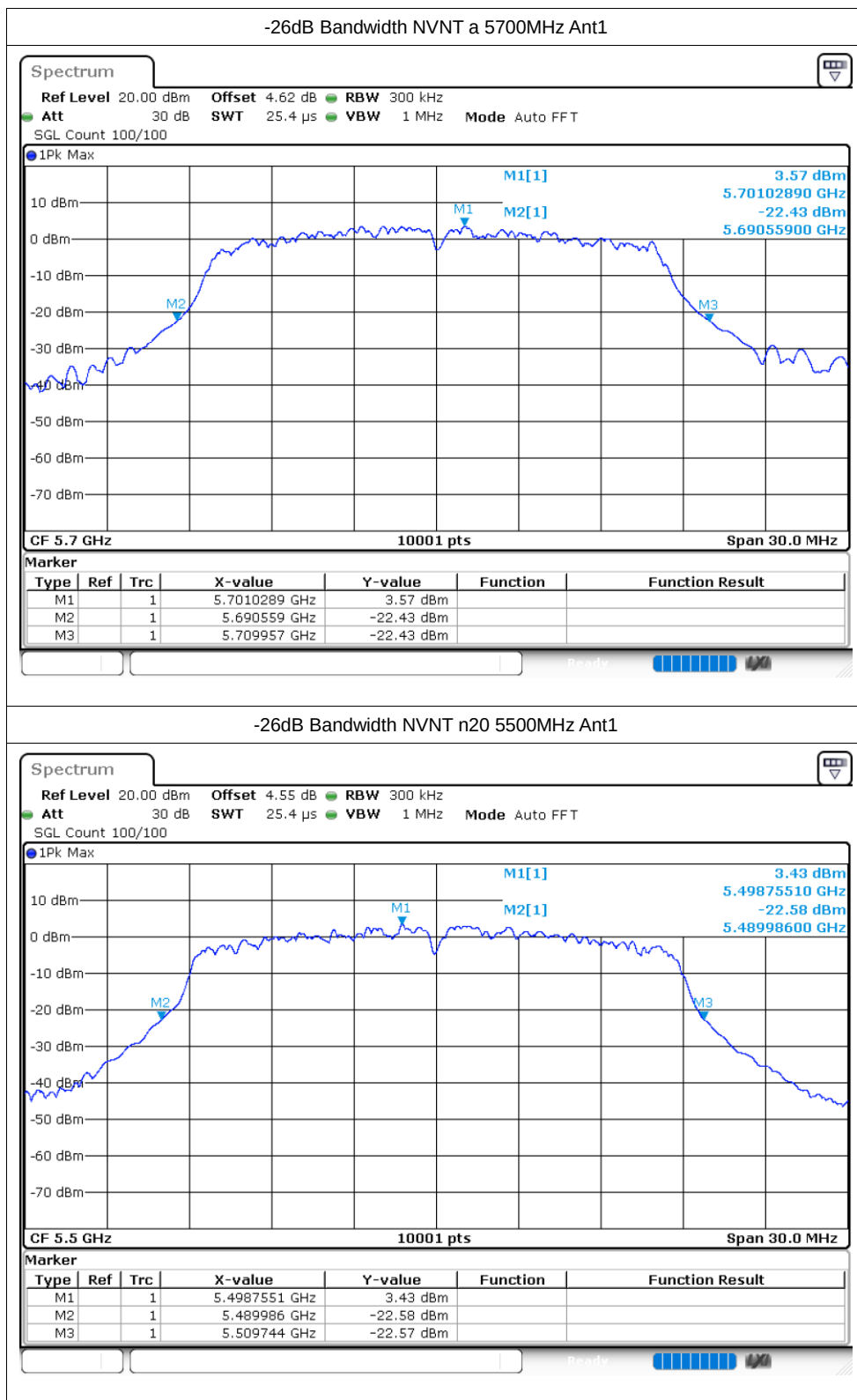
Test Graphs

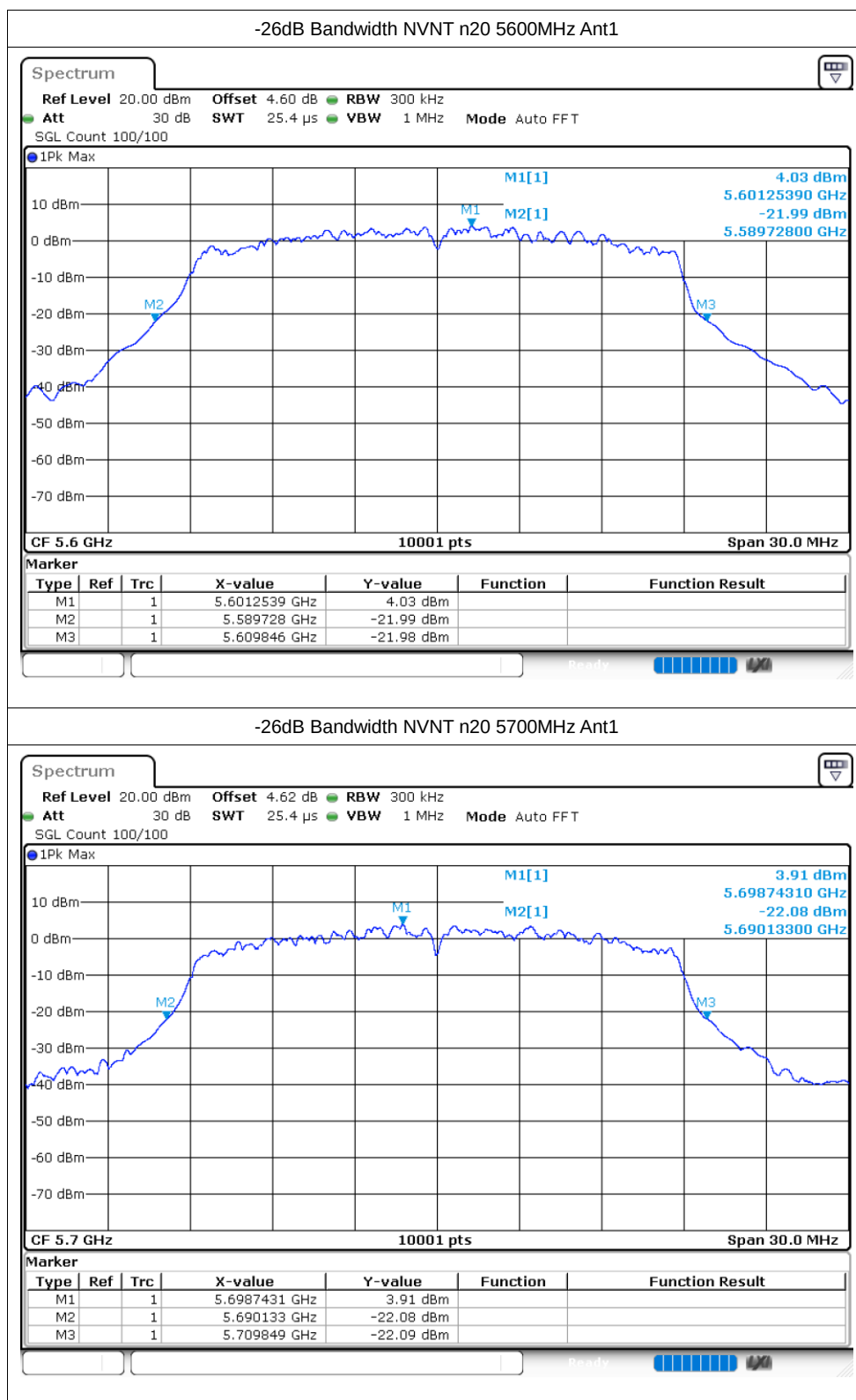
-26dB Bandwidth NVNT a 5500MHz Ant1



-26dB Bandwidth NVNT a 5600MHz Ant1





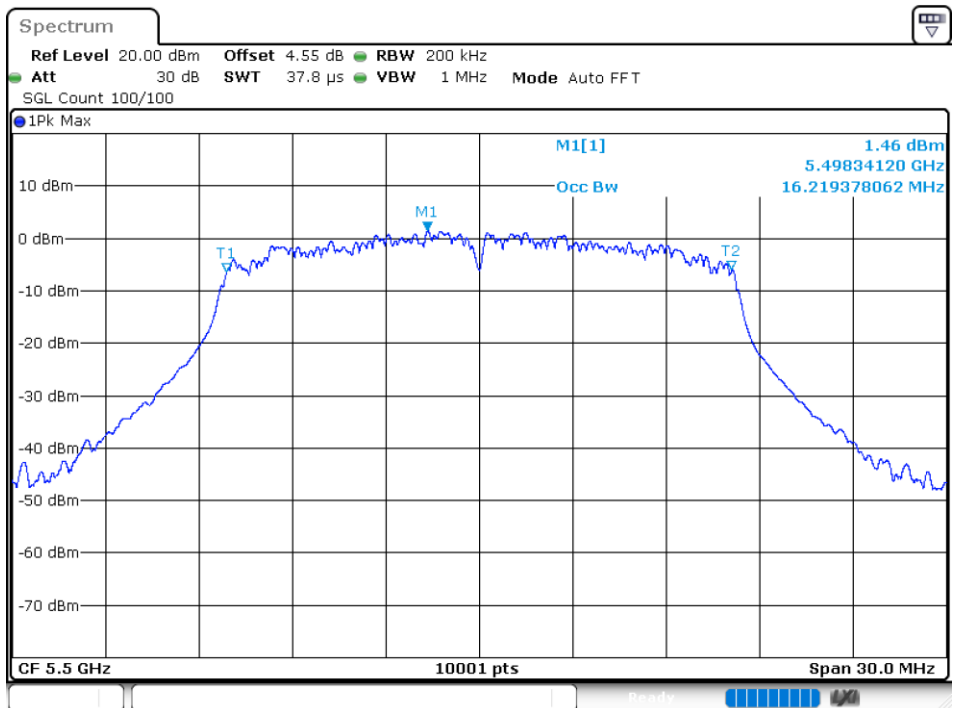


Occupied Channel Bandwidth

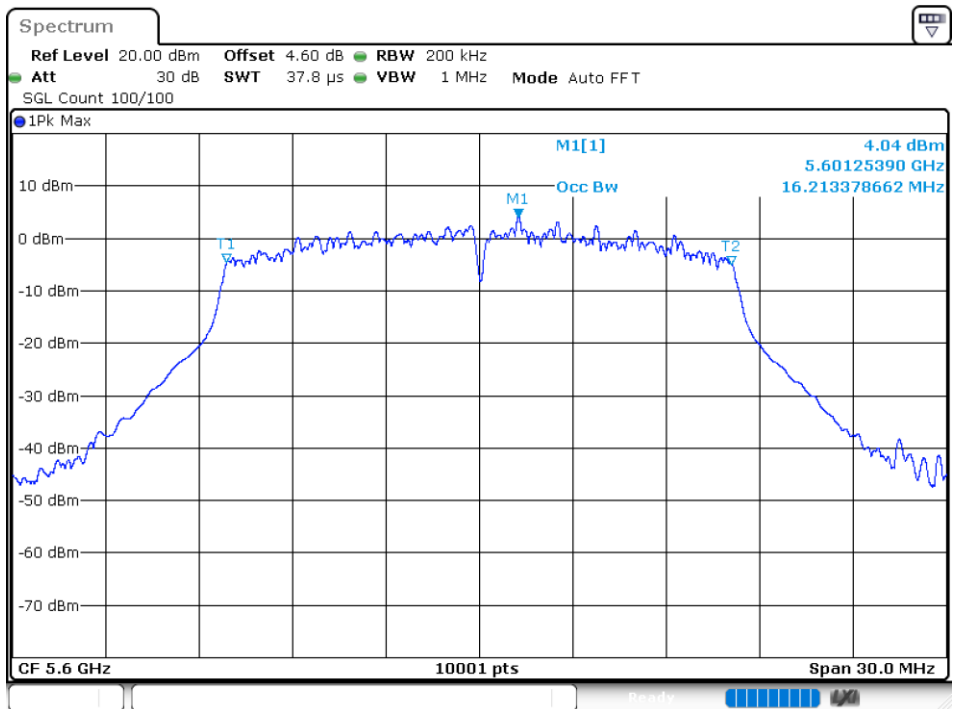
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.219
NVNT	a	5600	Ant1	16.213
NVNT	a	5700	Ant1	16.252
NVNT	n20	5500	Ant1	17.437
NVNT	n20	5600	Ant1	17.293
NVNT	n20	5700	Ant1	17.473

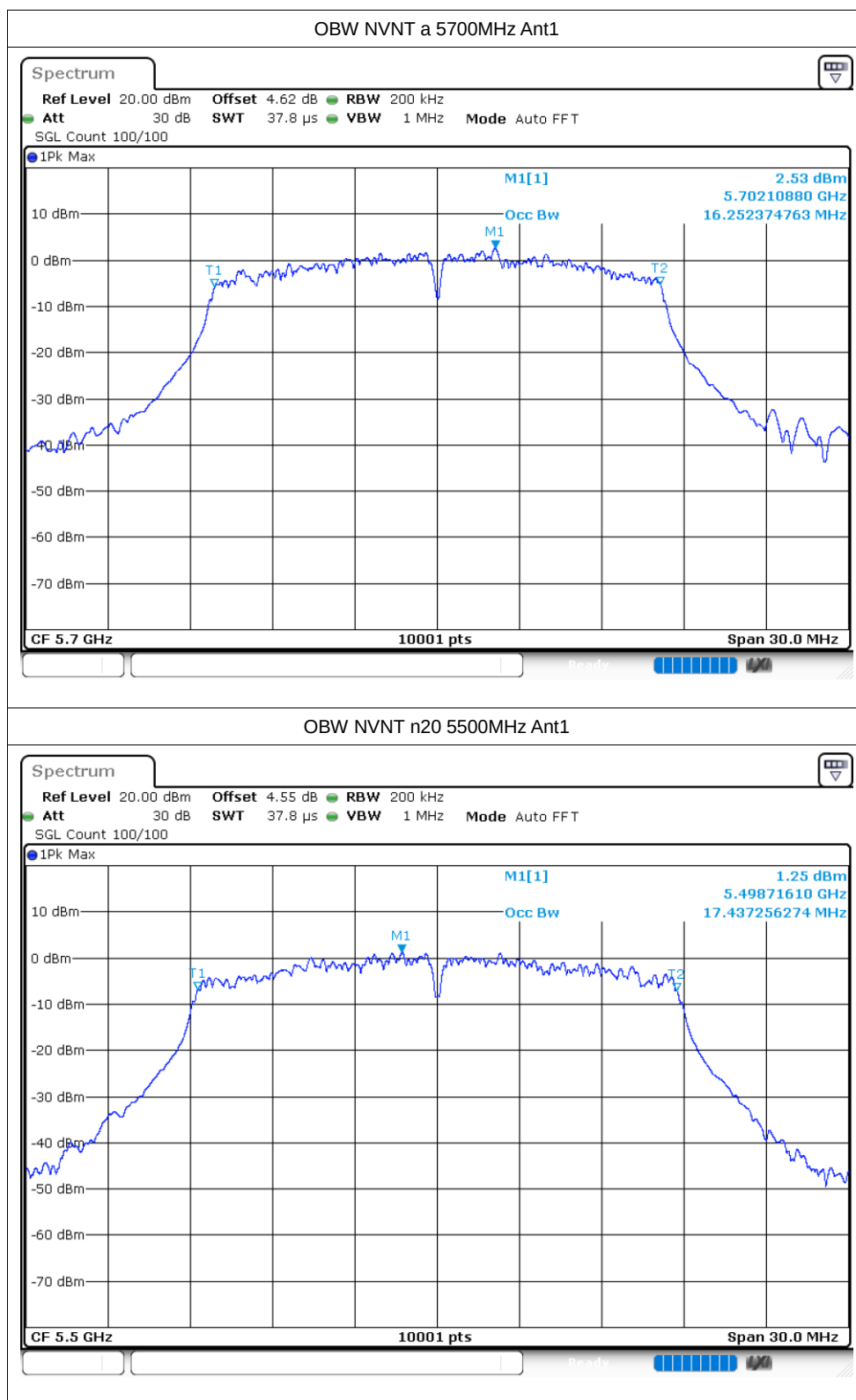
Test Graphs

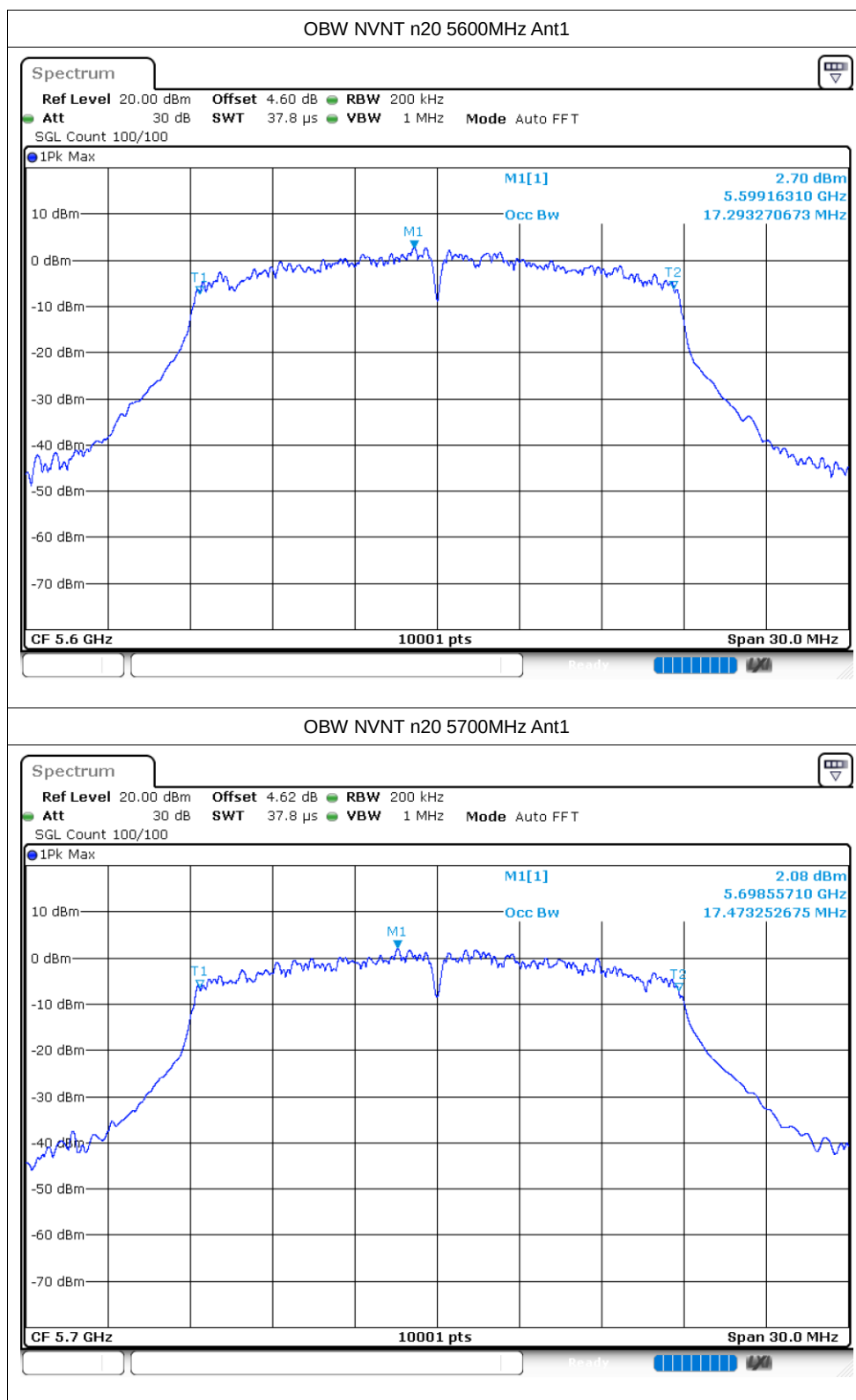
OBW NVNT a 5500MHz Ant1



OBW NVNT a 5600MHz Ant1





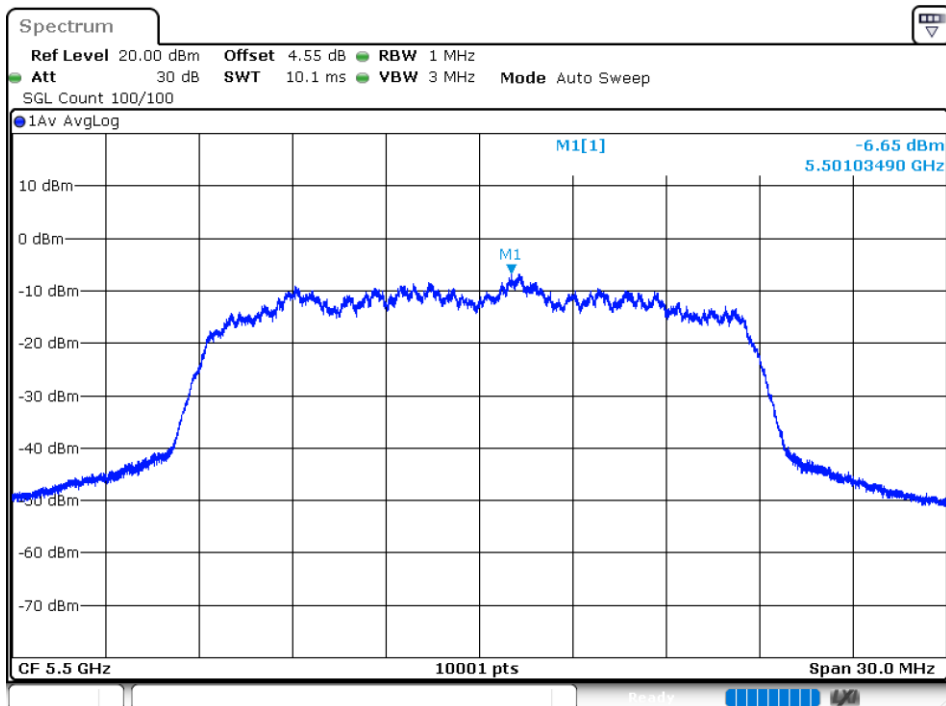


Maximum Power Spectral Density Level

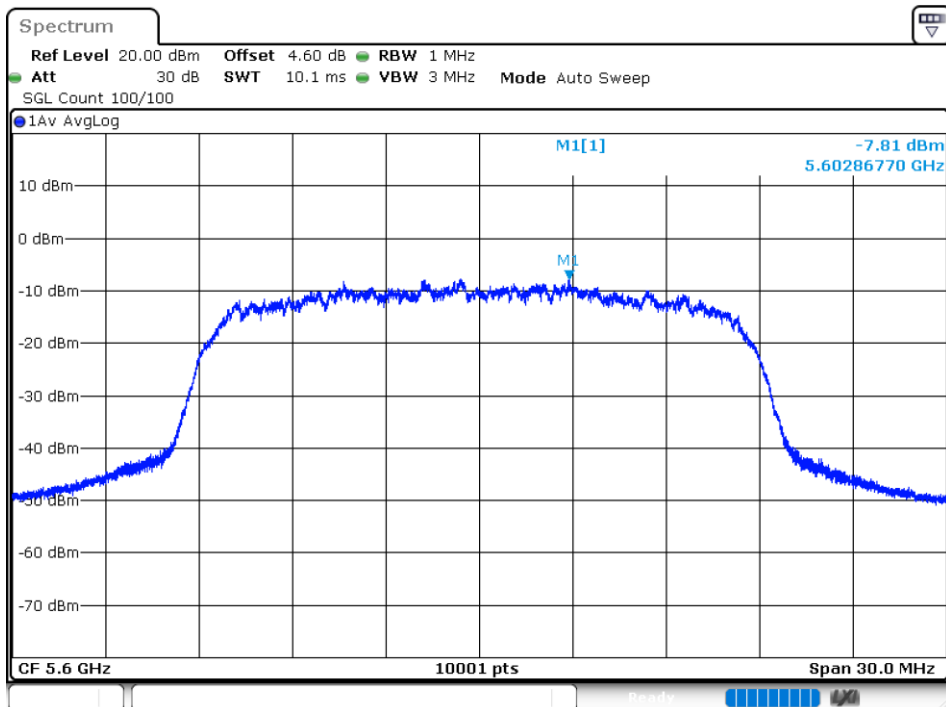
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-6.65	0.94	-5.71	11	Pass
NVNT	a	5600	Ant1	-7.81	0.95	-6.86	11	Pass
NVNT	a	5700	Ant1	-7.42	0.95	-6.47	11	Pass
NVNT	n20	5500	Ant1	-8.05	0.99	-7.06	11	Pass
NVNT	n20	5600	Ant1	-7.45	0.98	-6.47	11	Pass
NVNT	n20	5700	Ant1	-7.52	1.01	-6.51	11	Pass

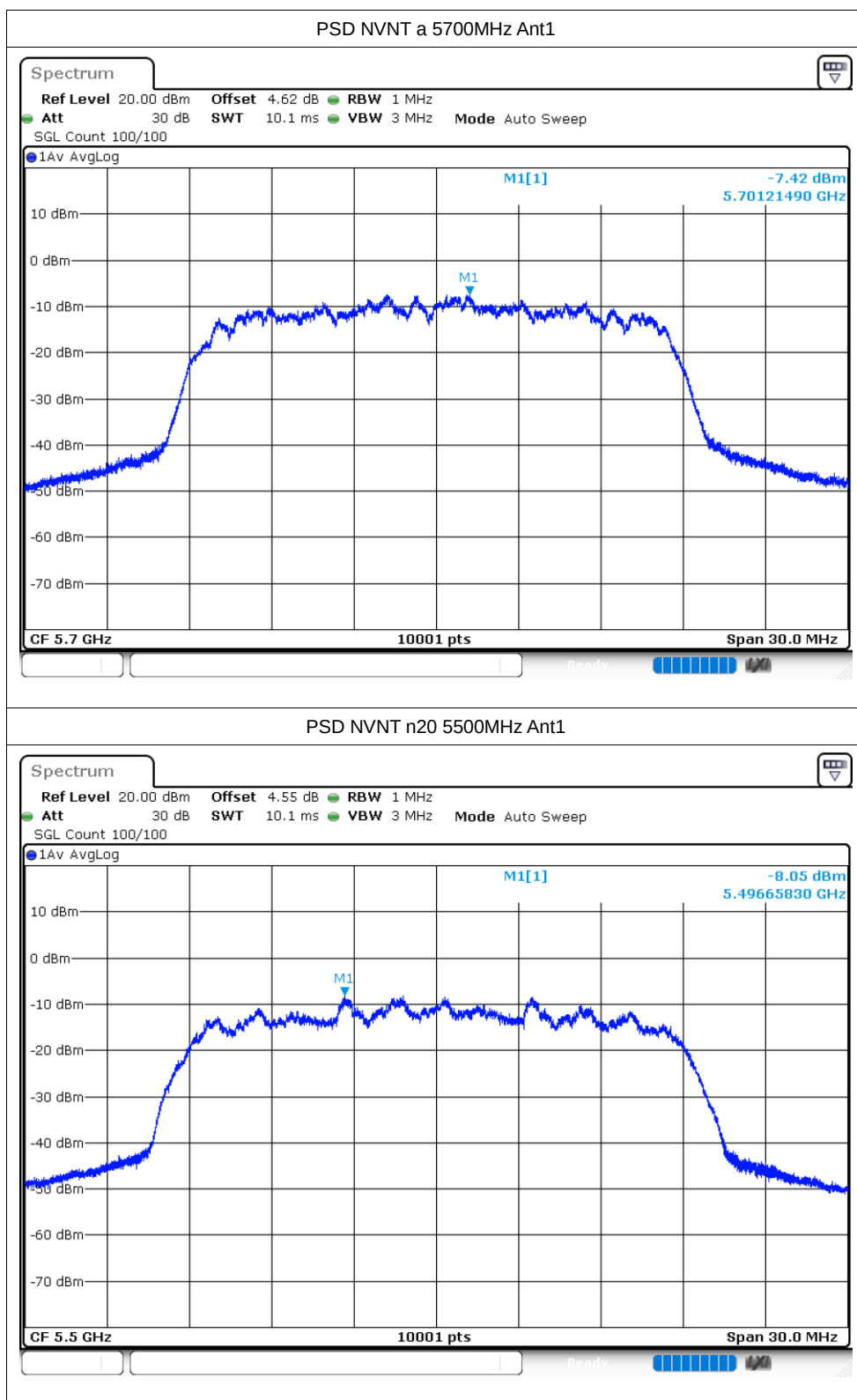
Test Graphs

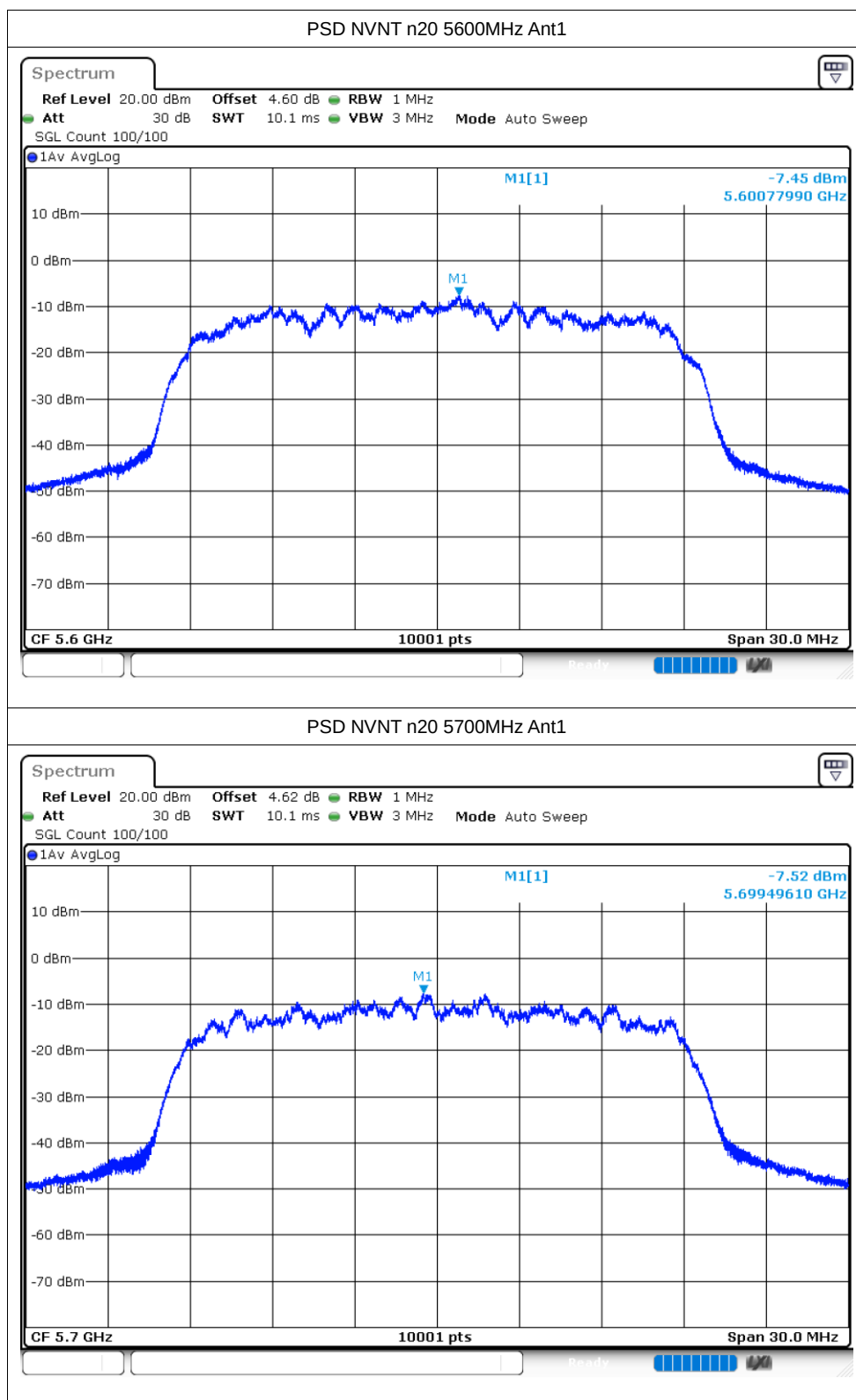
PSD NVNT a 5500MHz Ant1



PSD NVNT a 5600MHz Ant1







WIFI 5.8G

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	80.32	0.95	0.5
NVNT	a	5785	Ant1	80.31	0.95	0.5
NVNT	a	5825	Ant1	97.15	0.13	7.69
NVNT	n20	5745	Ant1	79.35	1	0.53
NVNT	n20	5785	Ant1	79.36	1	0.53
NVNT	n20	5825	Ant1	79.3	1.01	0.53