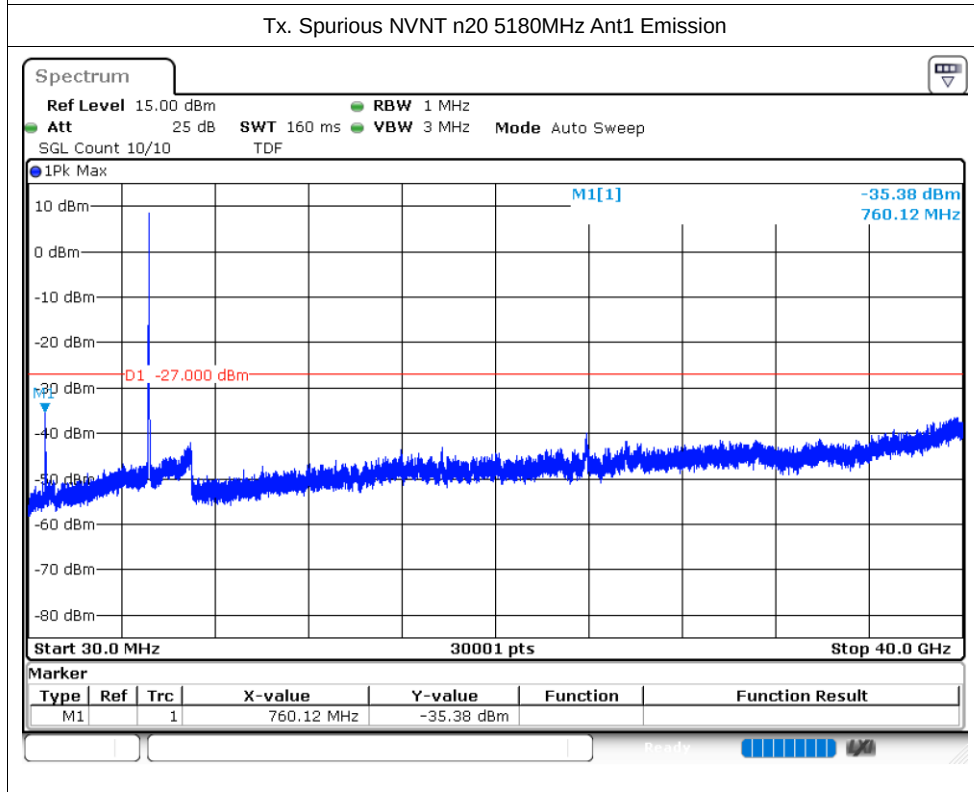
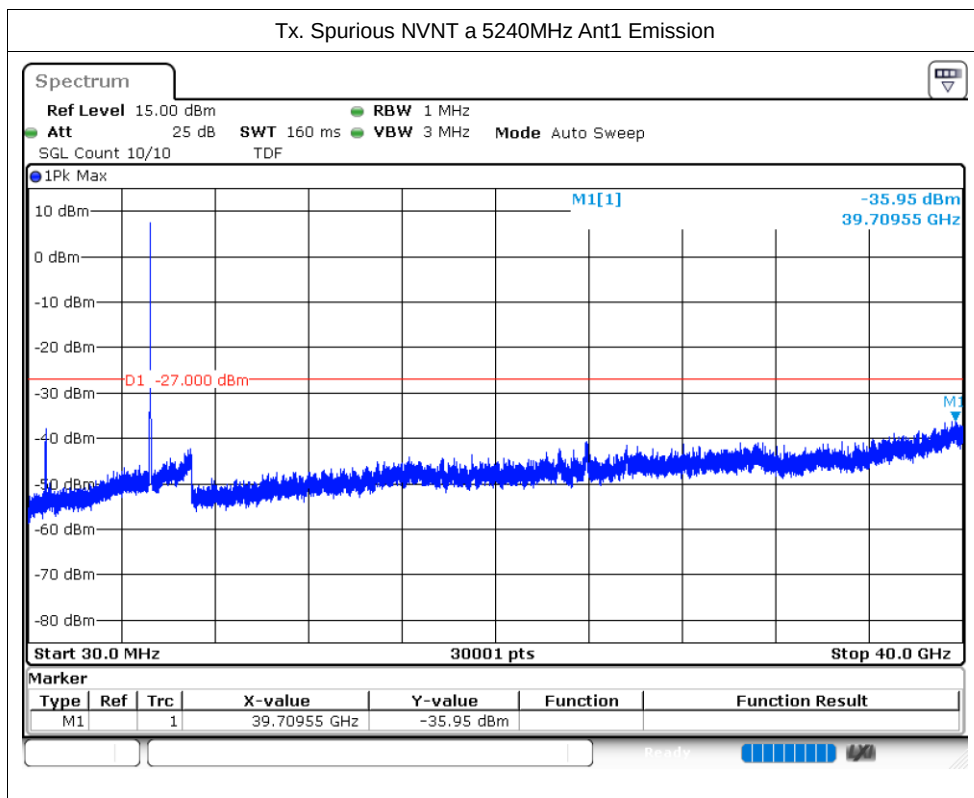
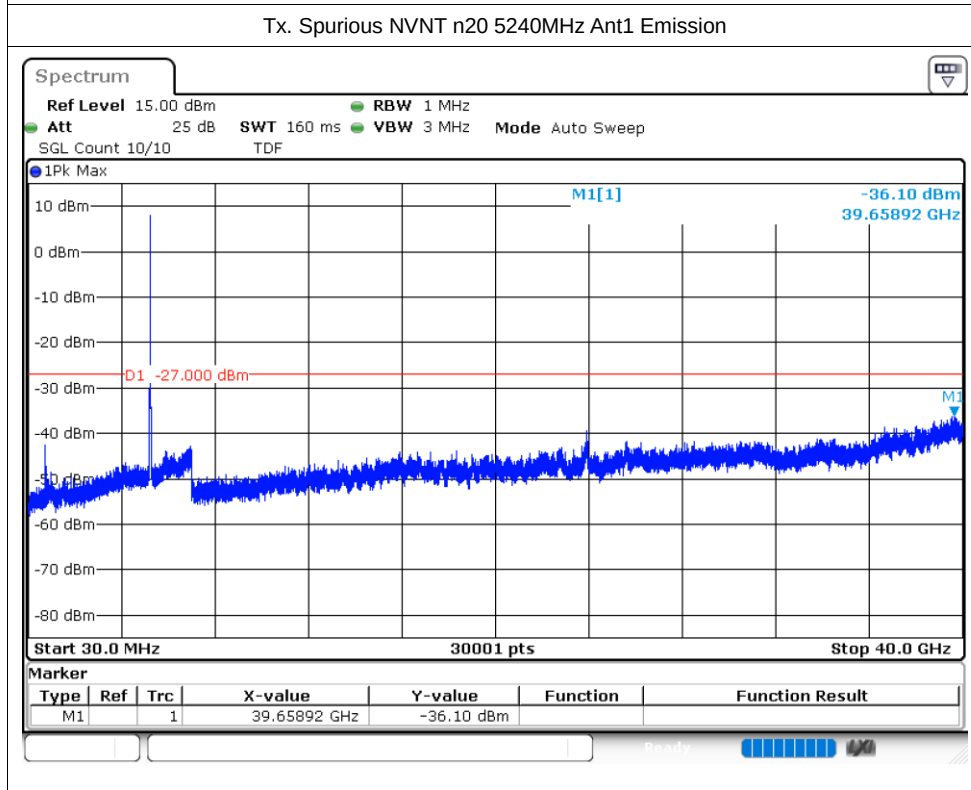
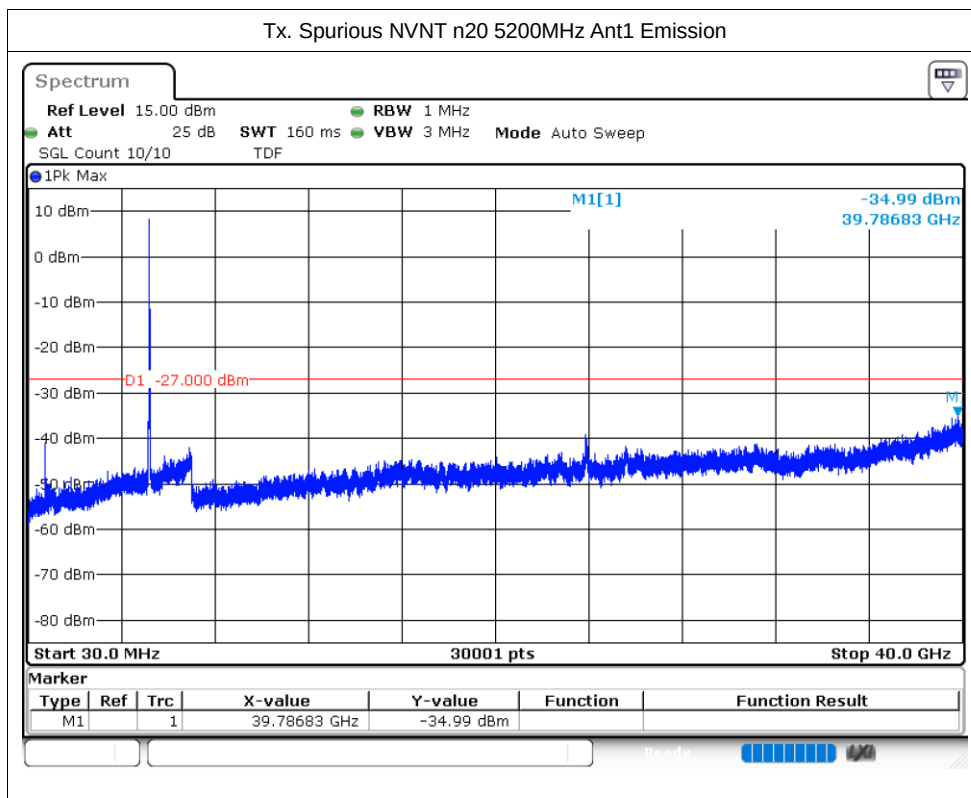
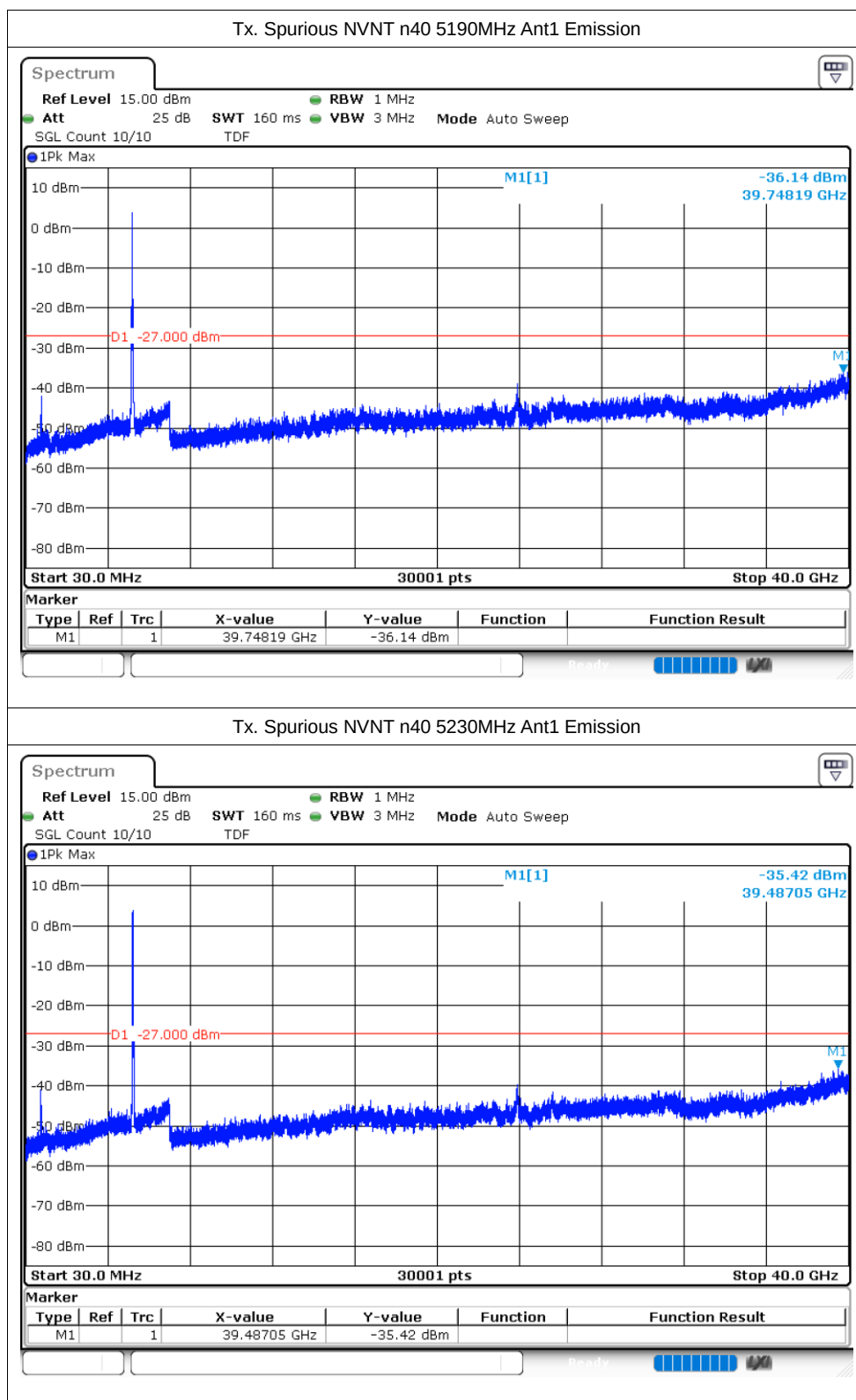
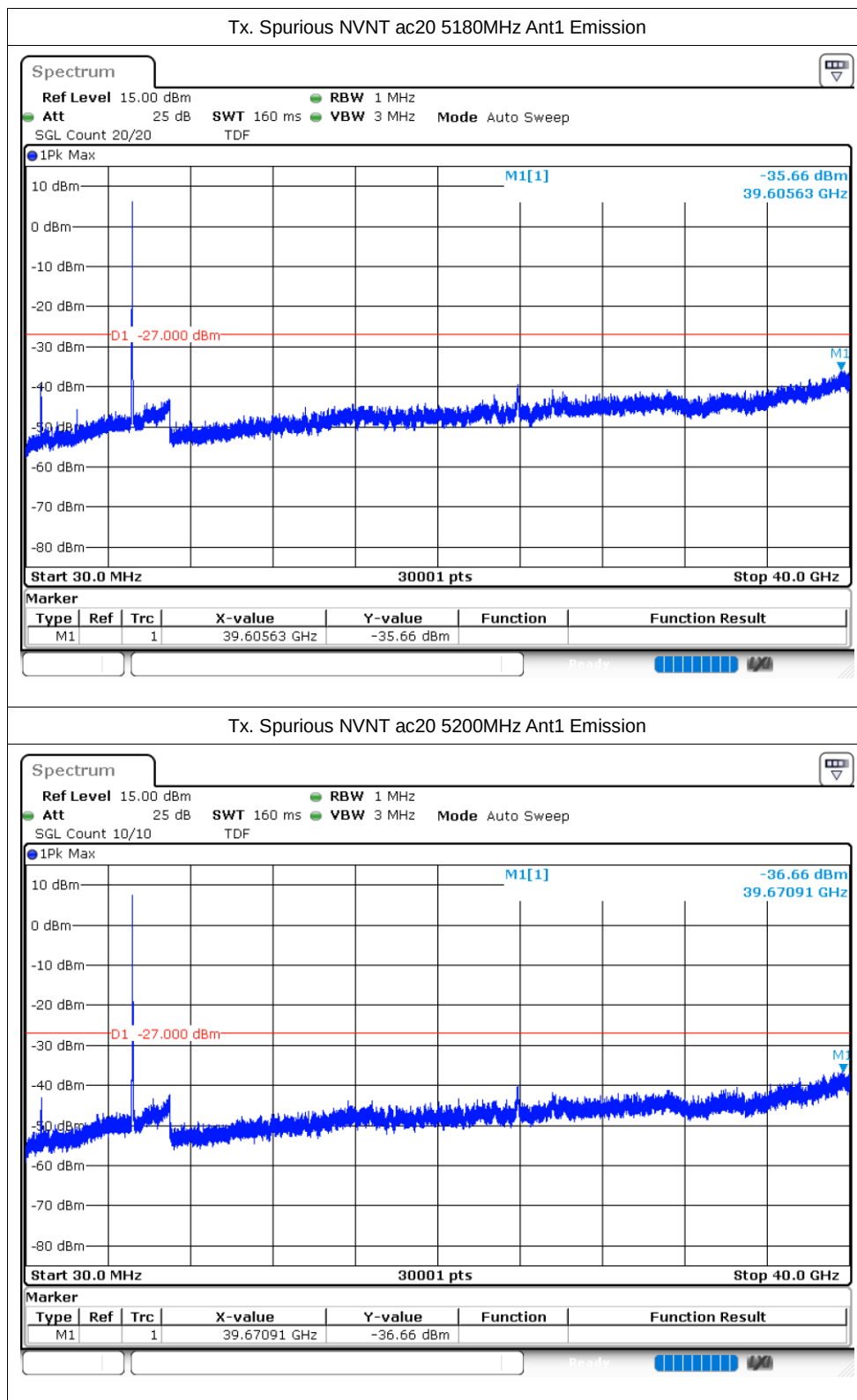
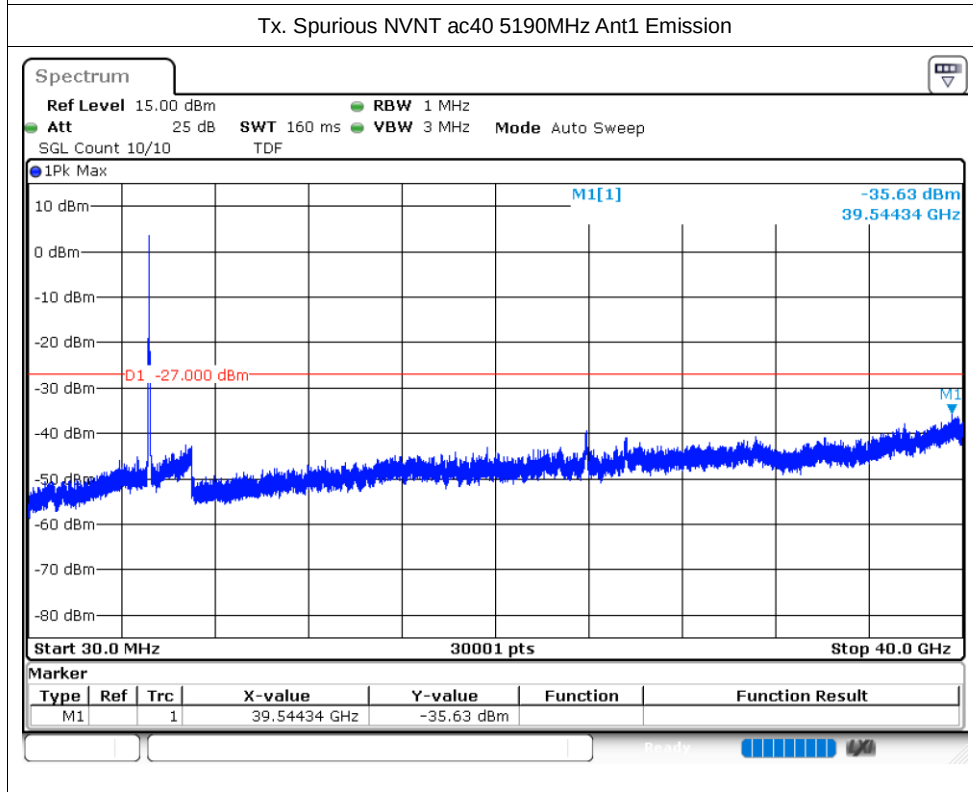
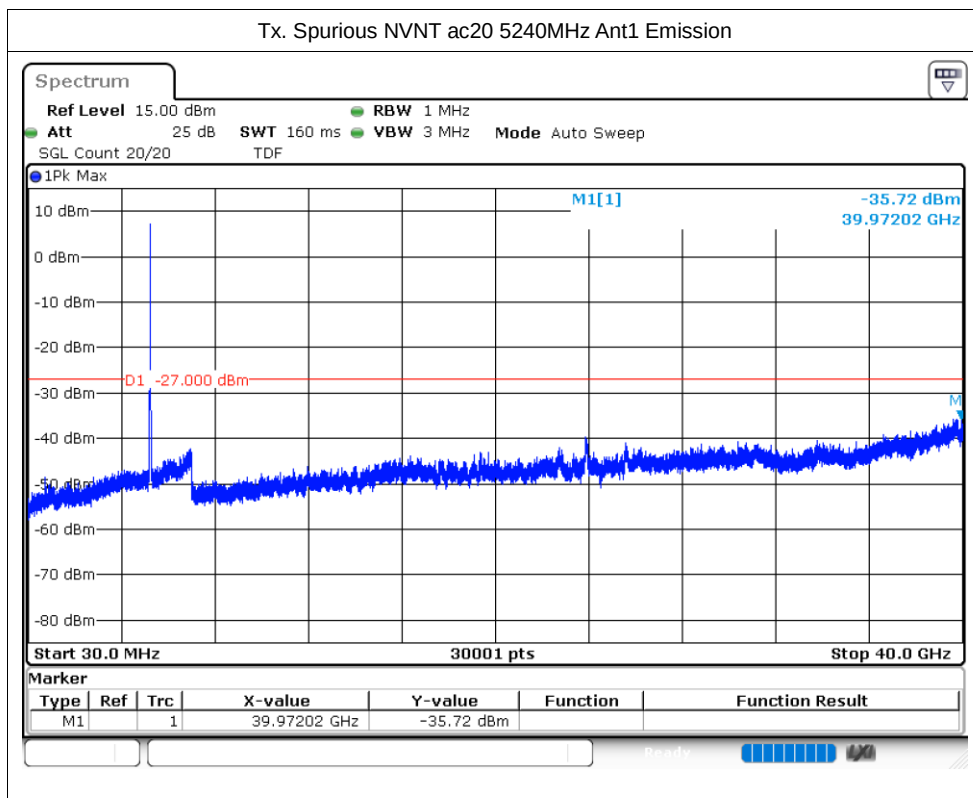


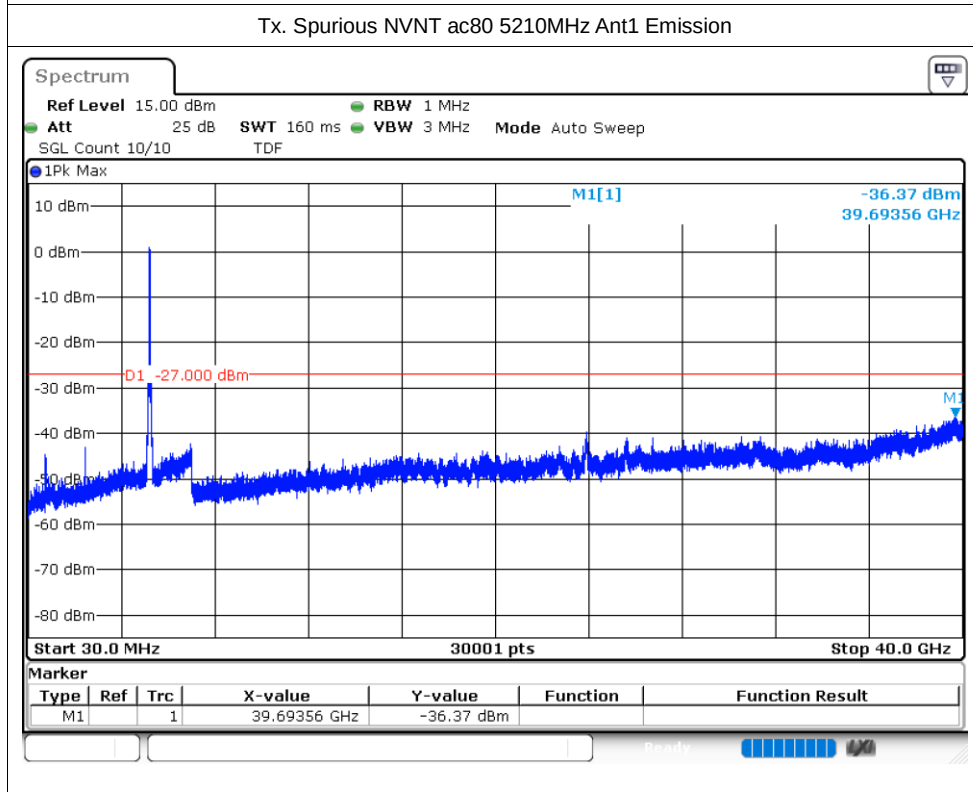
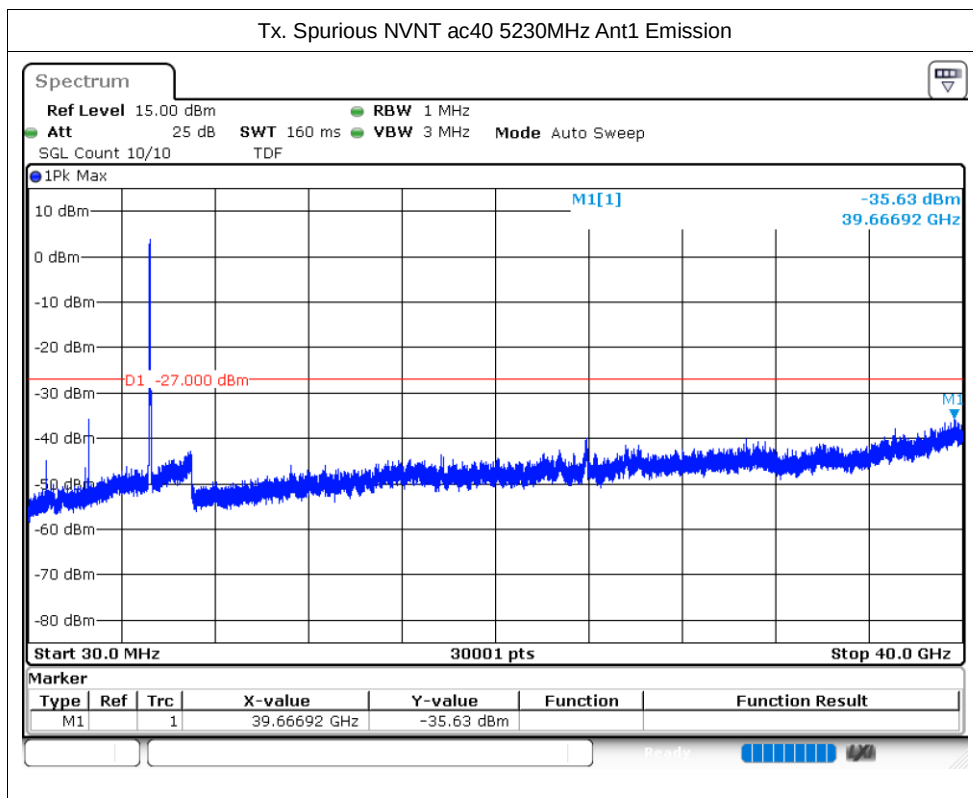










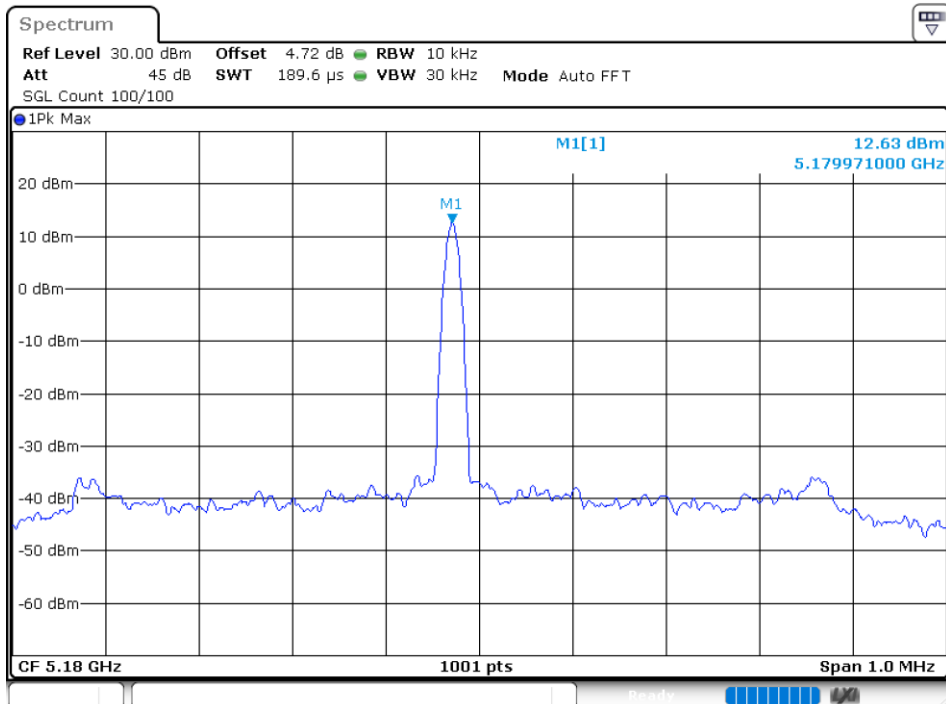


Frequency Stability

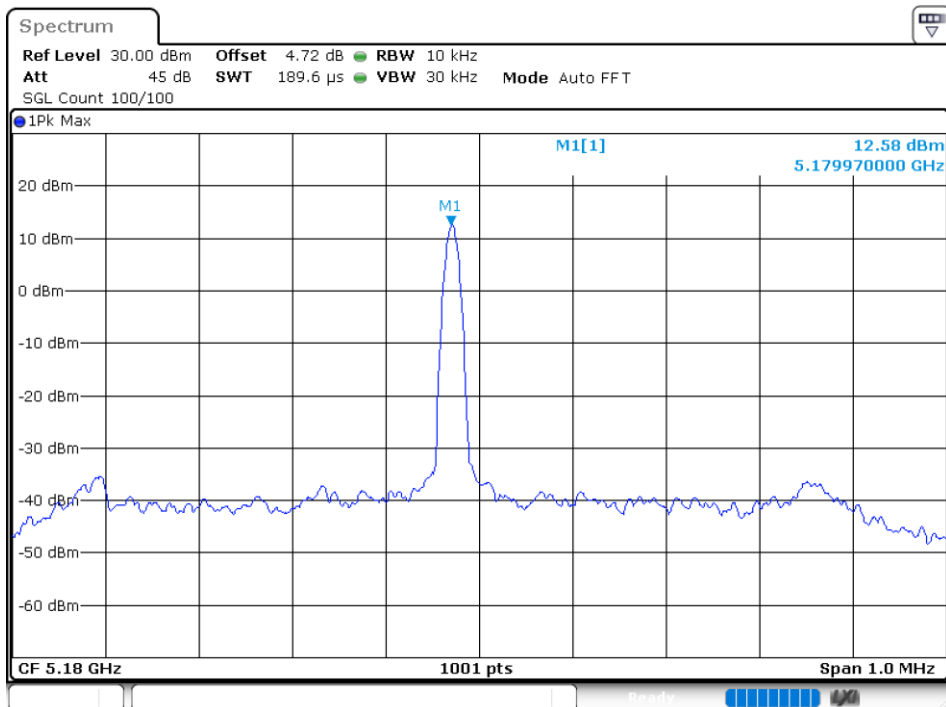
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20°C 3.5V	user	5180	Ant1	5179.971	-29000	-5.6	20	Pass
20°C 3.87V	user	5180	Ant1	5179.97	-30000	-5.79	20	Pass
20°C 4.2V	user	5180	Ant1	5179.971	-29000	-5.6	20	Pass
-20°C 3.87V	user	5180	Ant1	5179.971	-29000	-5.6	20	Pass
-10°C 3.87V	user	5180	Ant1	5179.971	-29000	-5.6	20	Pass
0°C 3.87V	user	5180	Ant1	5179.971	-29000	-5.6	20	Pass
10°C 3.87V	user	5180	Ant1	5179.97	-30000	-5.79	20	Pass
30°C 3.87V	user	5180	Ant1	5179.97	-30000	-5.79	20	Pass
40°C 3.87V	user	5180	Ant1	5179.97	-30000	-5.79	20	Pass
50°C 3.87V	user	5180	Ant1	5179.97	-30000	-5.79	20	Pass
20°C 3.5V	user	5200	Ant1	5199.97	-30000	-5.77	20	Pass
20°C 3.87V	user	5200	Ant1	5199.97	-30000	-5.77	20	Pass
20°C 4.2V	user	5200	Ant1	5199.97	-30000	-5.77	20	Pass
-20°C 3.87V	user	5200	Ant1	5199.97	-30000	-5.77	20	Pass
-10°C 3.87V	user	5200	Ant1	5199.97	-30000	-5.77	20	Pass
0°C 3.87V	user	5200	Ant1	5199.97	-30000	-5.77	20	Pass
10°C 3.87V	user	5200	Ant1	5199.97	-30000	-5.77	20	Pass
30°C 3.87V	user	5200	Ant1	5199.97	-30000	-5.77	20	Pass
40°C 3.87V	user	5200	Ant1	5199.97	-30000	-5.77	20	Pass
50°C 3.87V	user	5200	Ant1	5199.97	-30000	-5.77	20	Pass
20°C 3.5V	user	5240	Ant1	5239.97	-30000	-5.73	20	Pass
20°C 3.87V	user	5240	Ant1	5239.97	-30000	-5.73	20	Pass
20°C 4.2V	user	5240	Ant1	5239.97	-30000	-5.73	20	Pass
-20°C 3.87V	user	5240	Ant1	5239.97	-30000	-5.73	20	Pass
-10°C 3.87V	user	5240	Ant1	5239.97	-30000	-5.73	20	Pass
0°C 3.87V	user	5240	Ant1	5239.97	-30000	-5.73	20	Pass
10°C 3.87V	user	5240	Ant1	5239.97	-30000	-5.73	20	Pass
30°C 3.87V	user	5240	Ant1	5239.97	-30000	-5.73	20	Pass
40°C 3.87V	user	5240	Ant1	5239.97	-30000	-5.73	20	Pass
50°C 3.87V	user	5240	Ant1	5239.97	-30000	-5.73	20	Pass

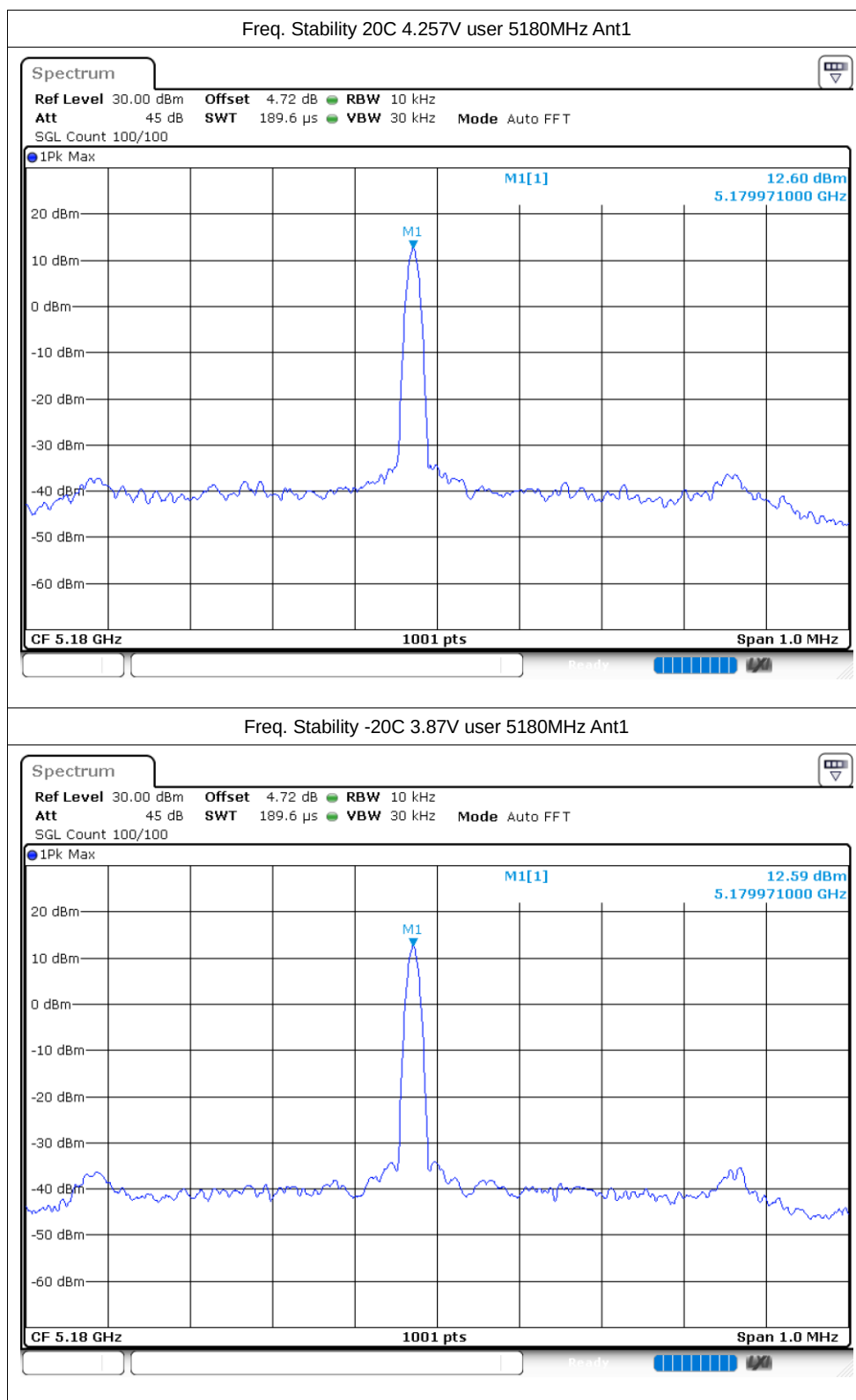
Test Graphs

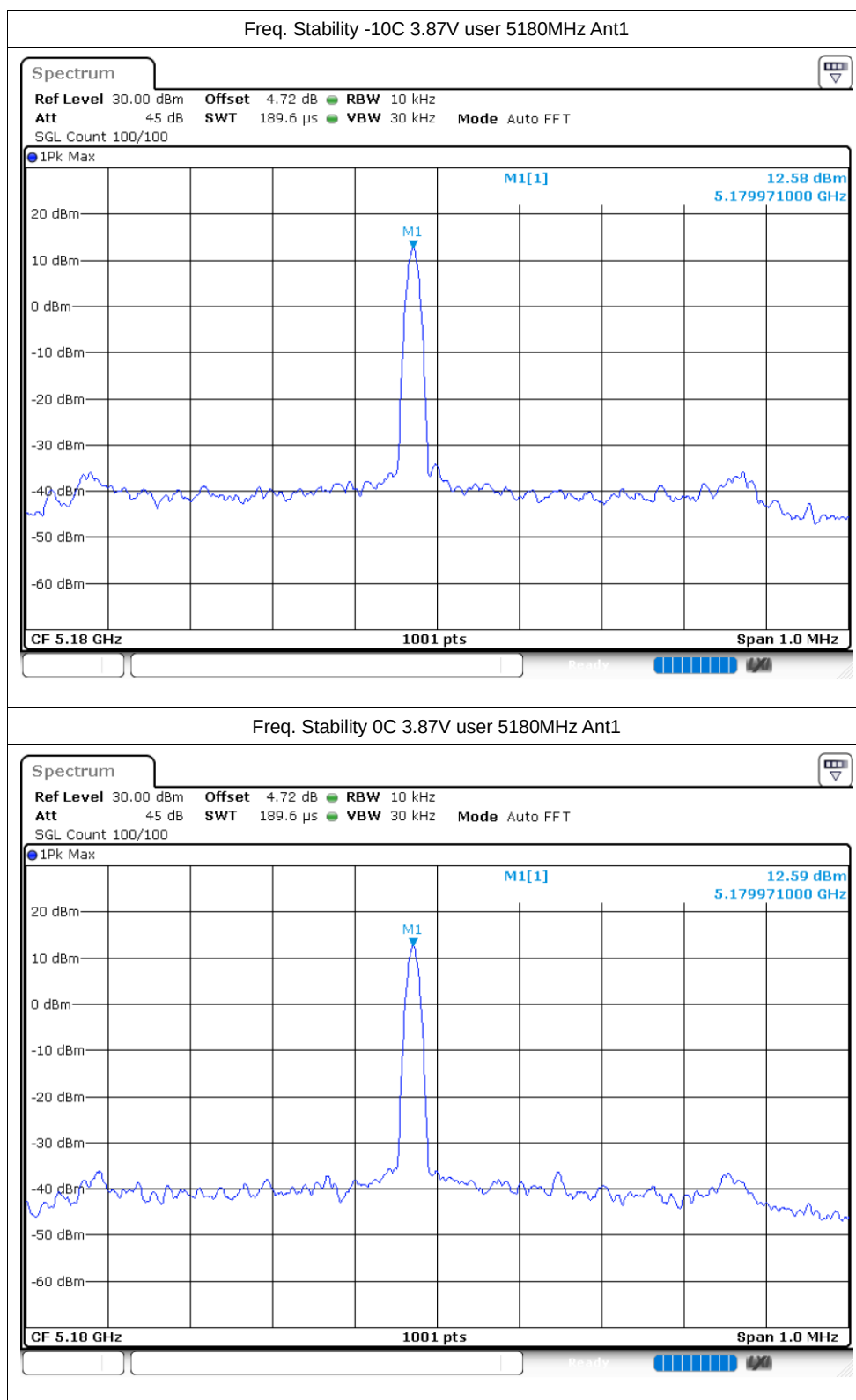
Freq. Stability 20C 3.483V user 5180MHz Ant1

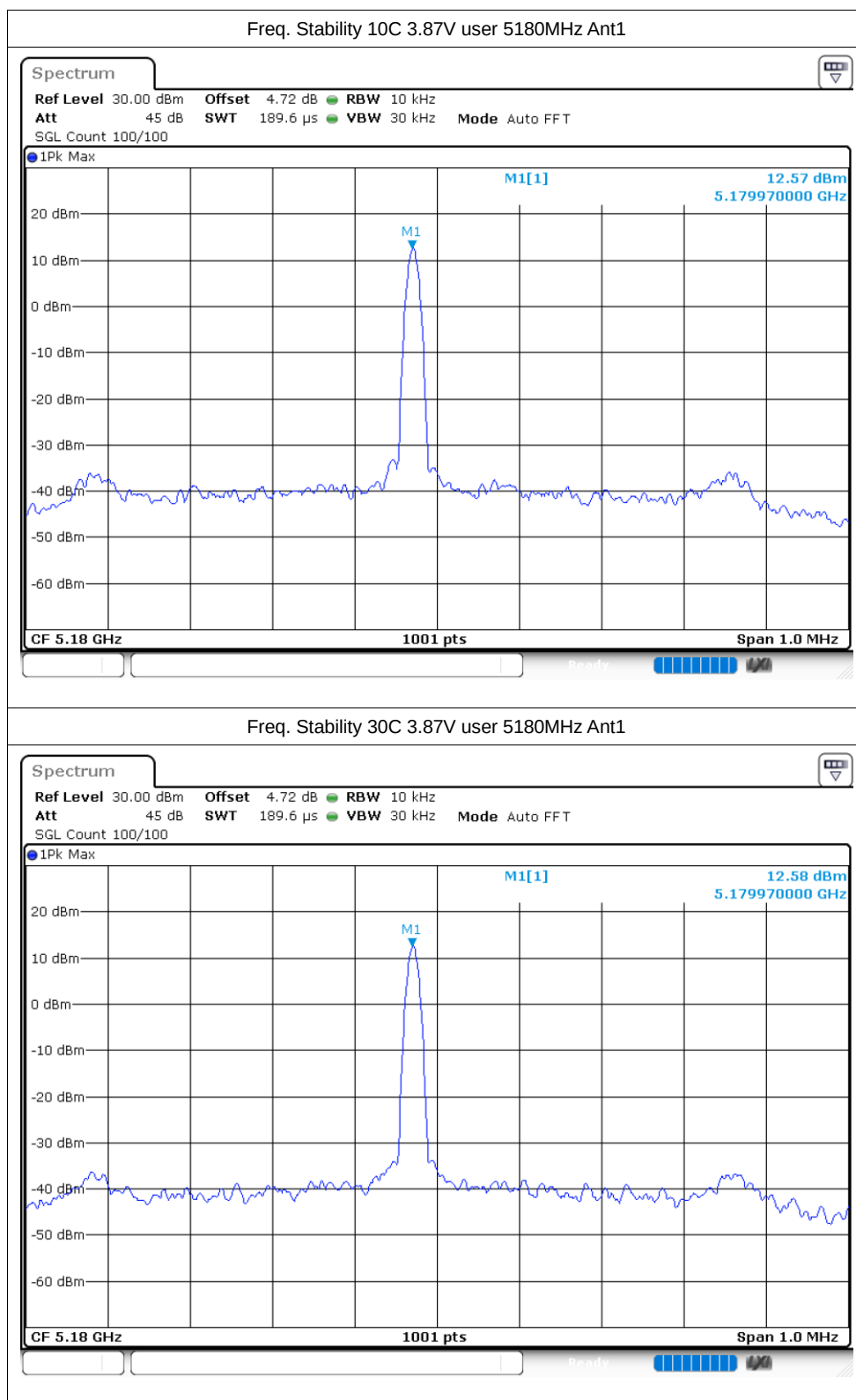


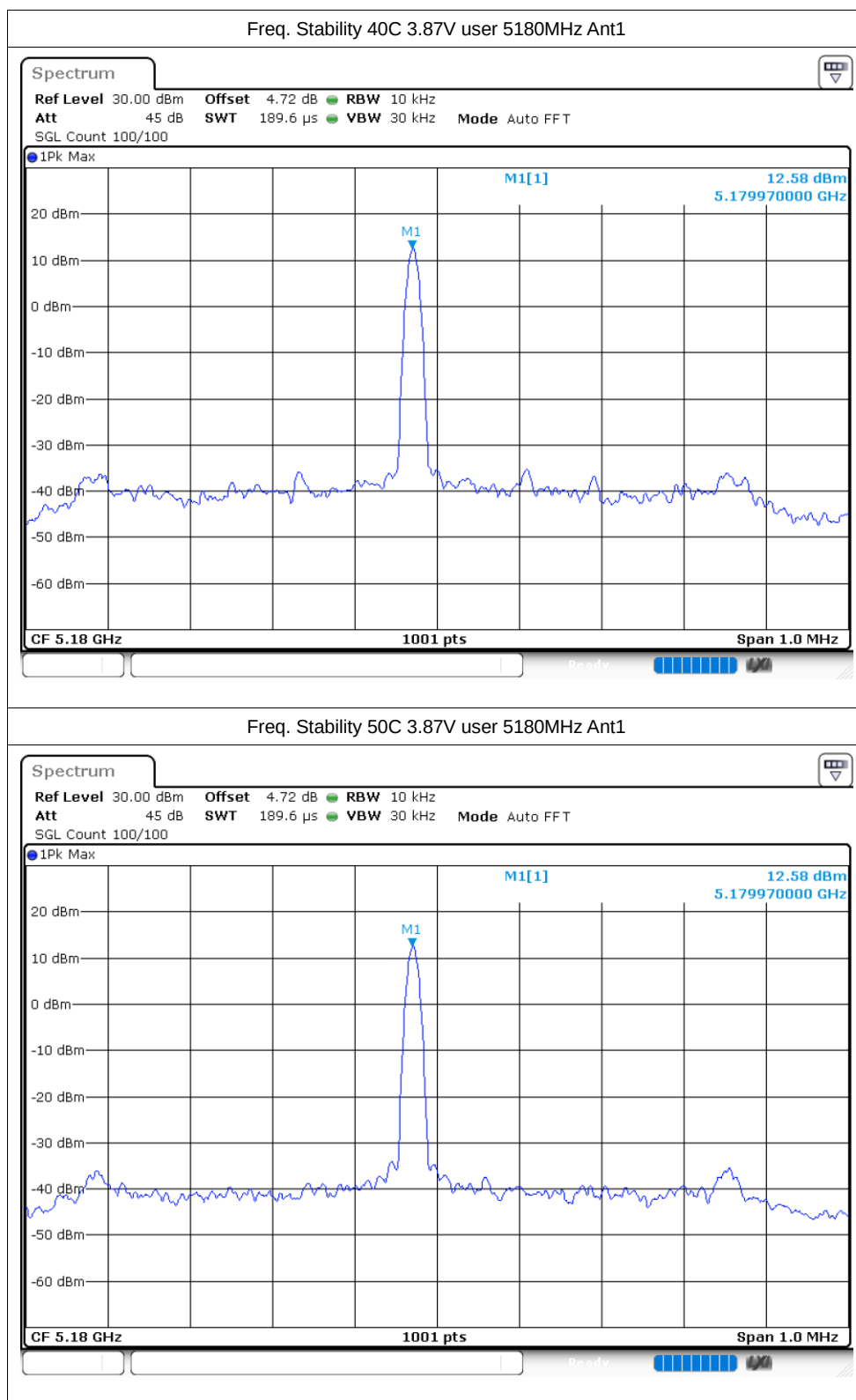
Freq. Stability 20C 3.87V user 5180MHz Ant1

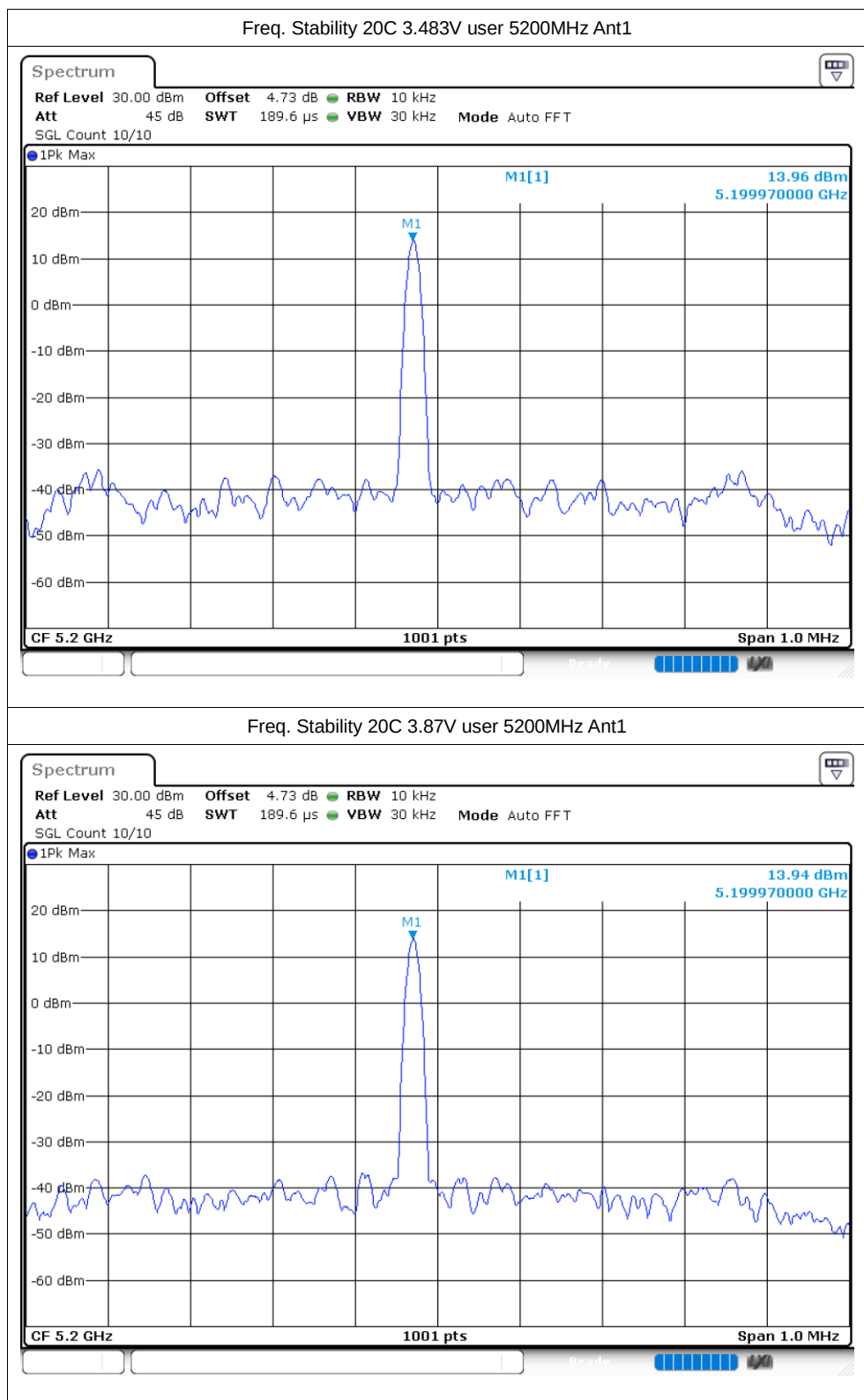


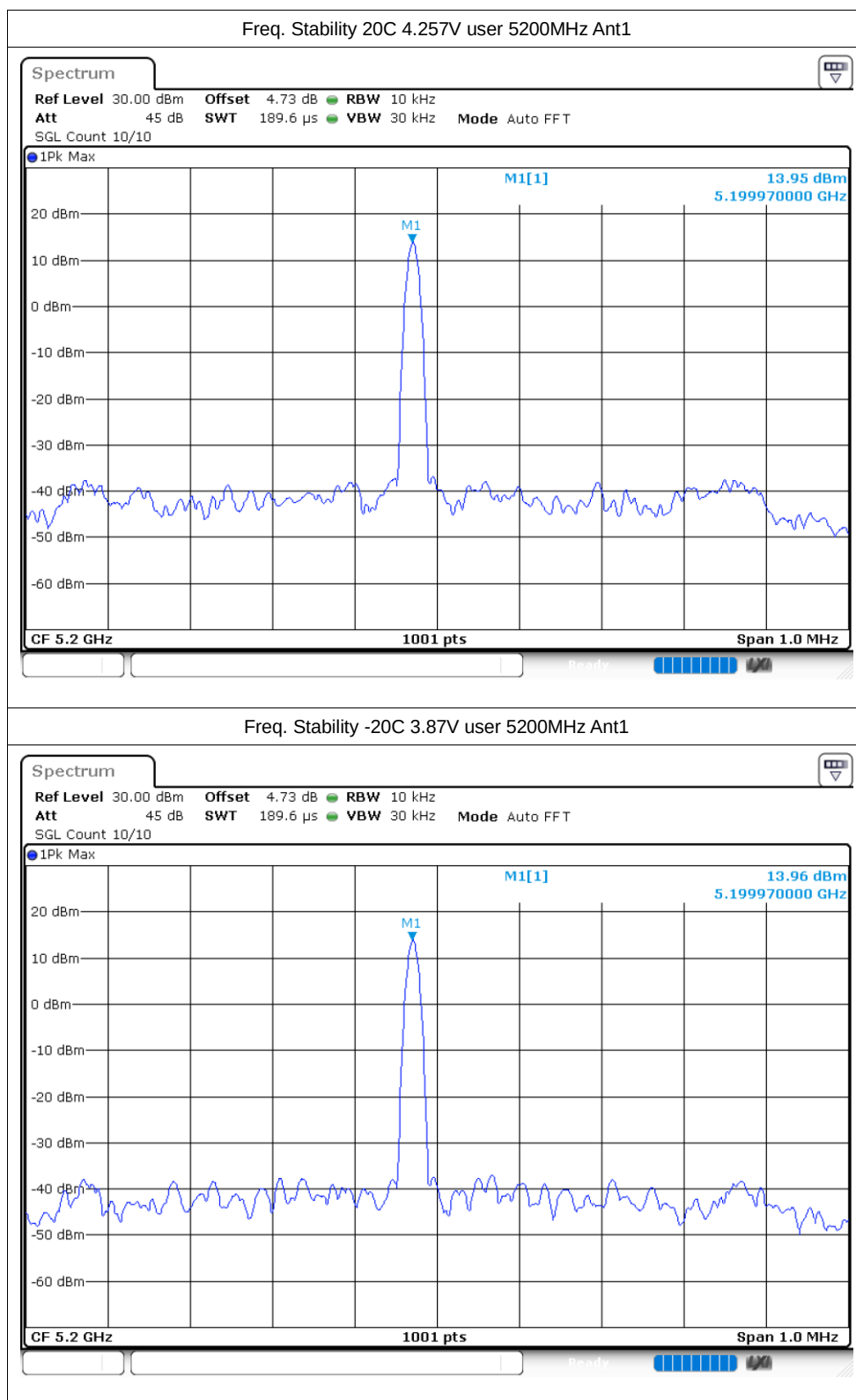


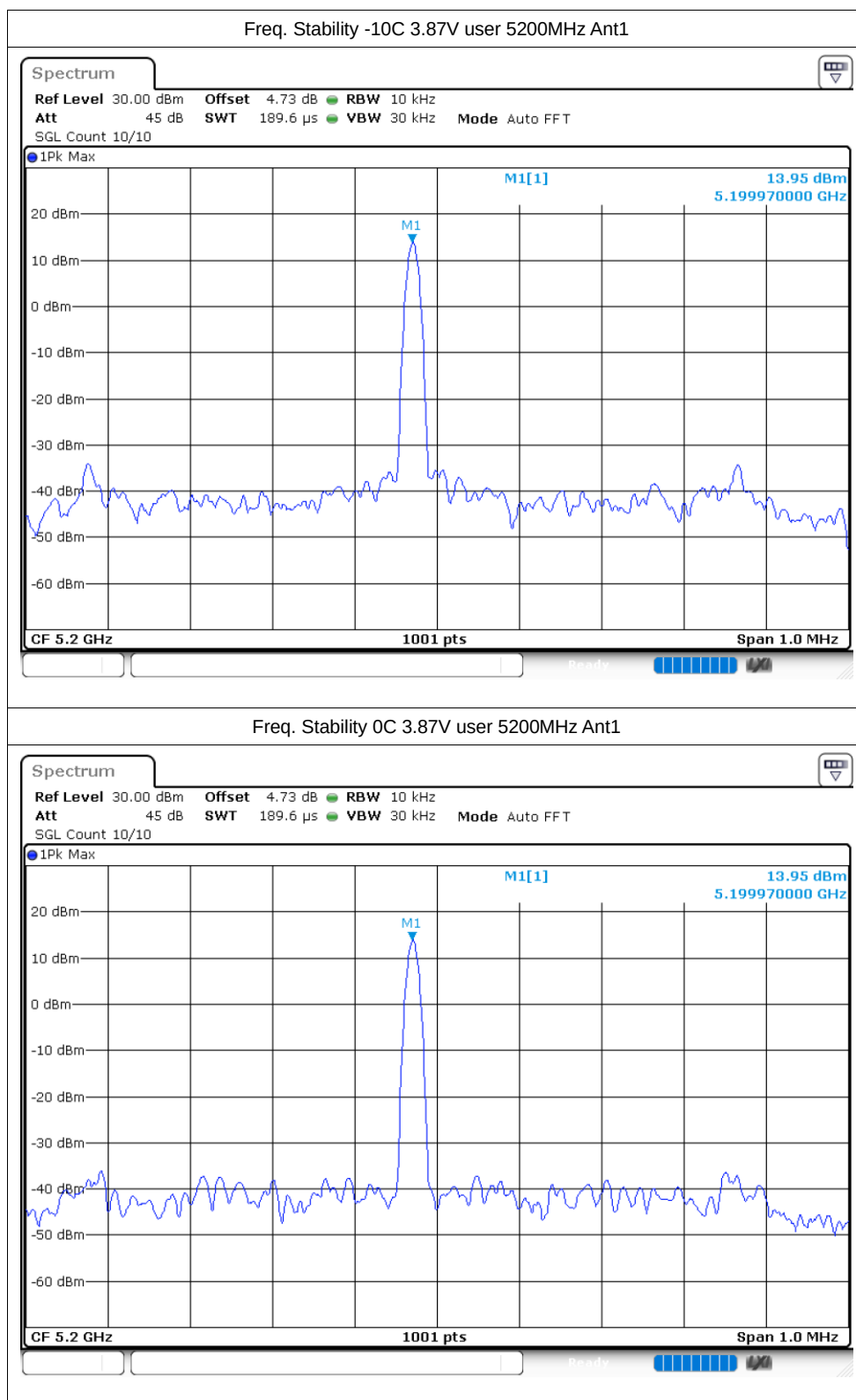


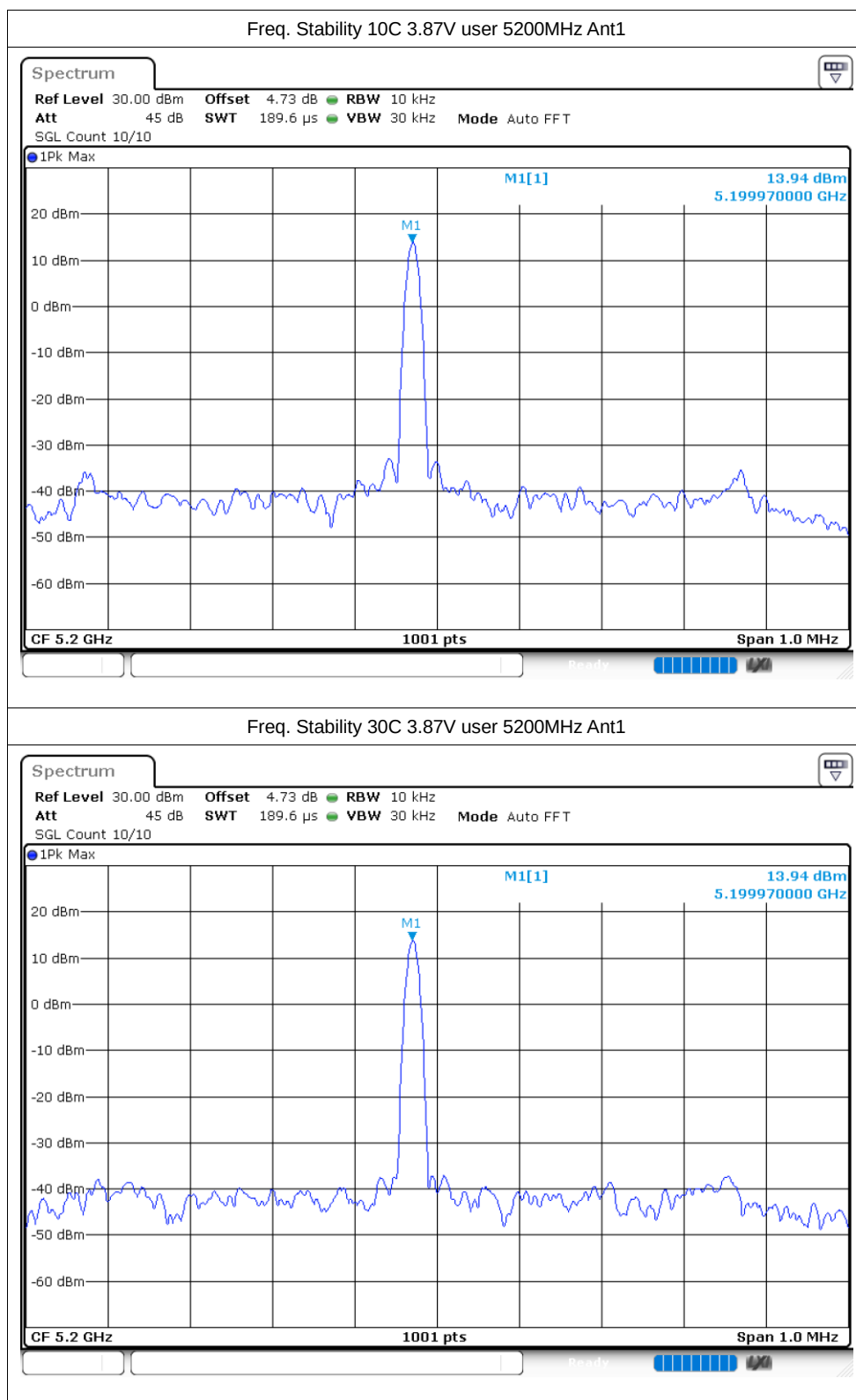


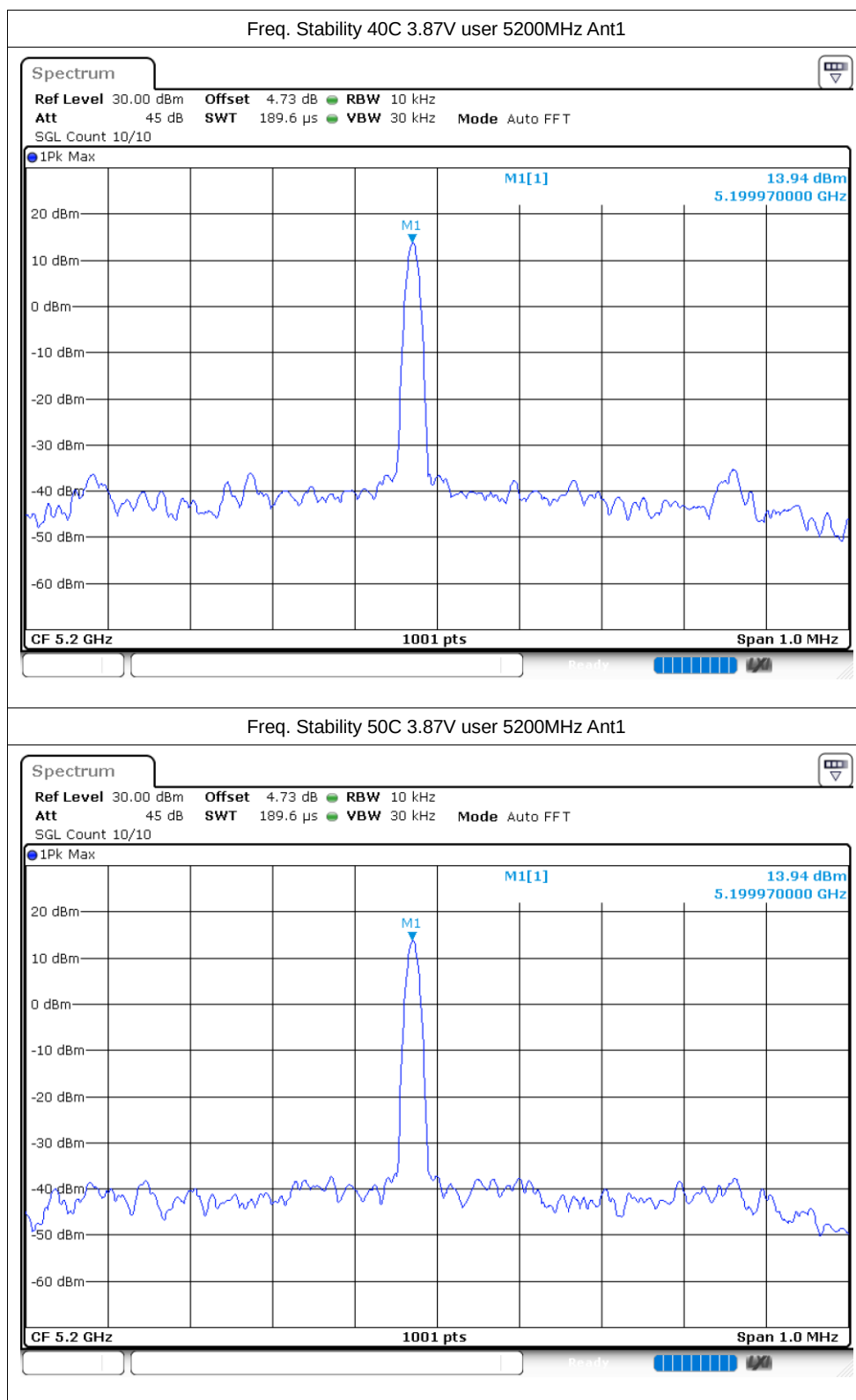


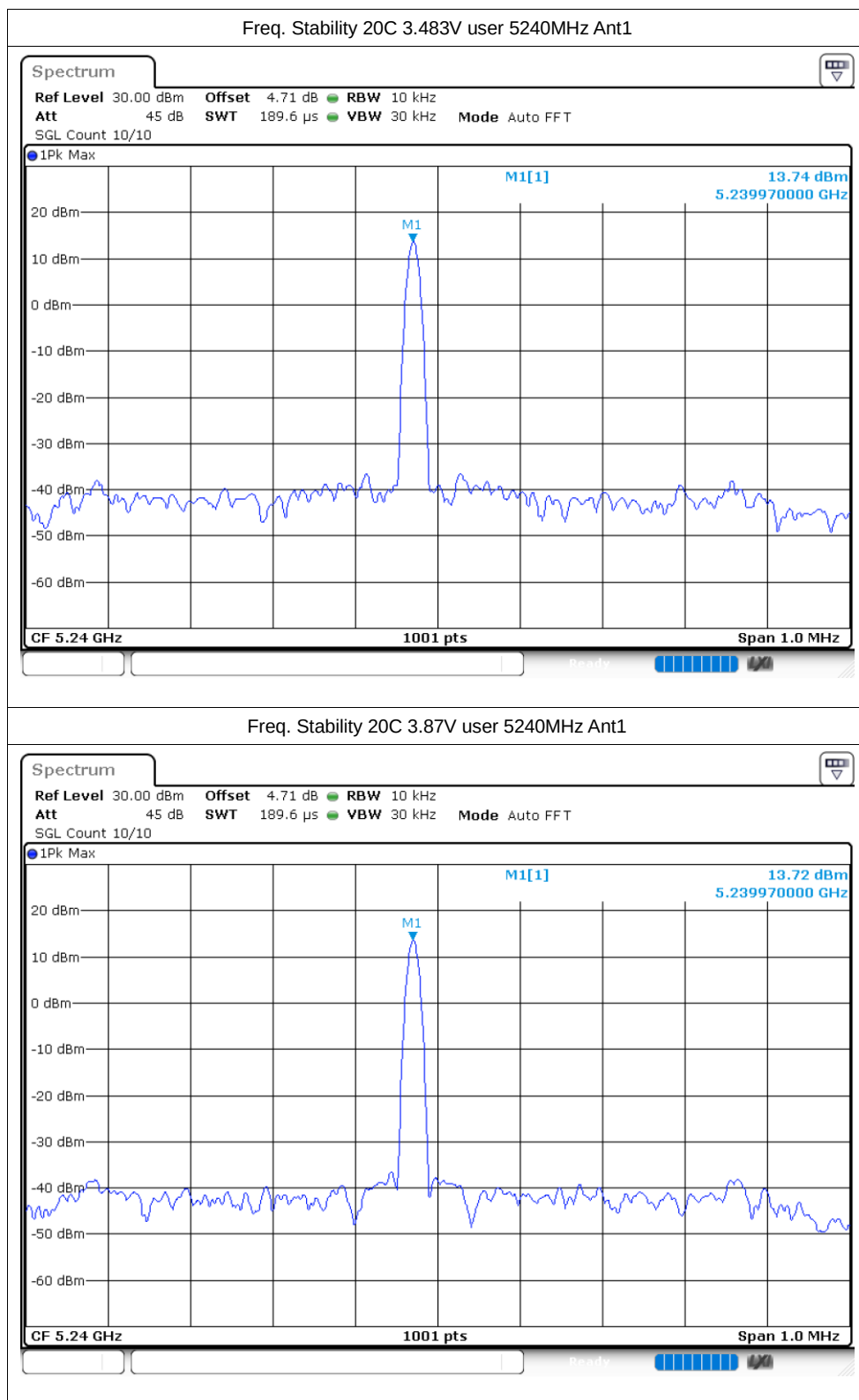


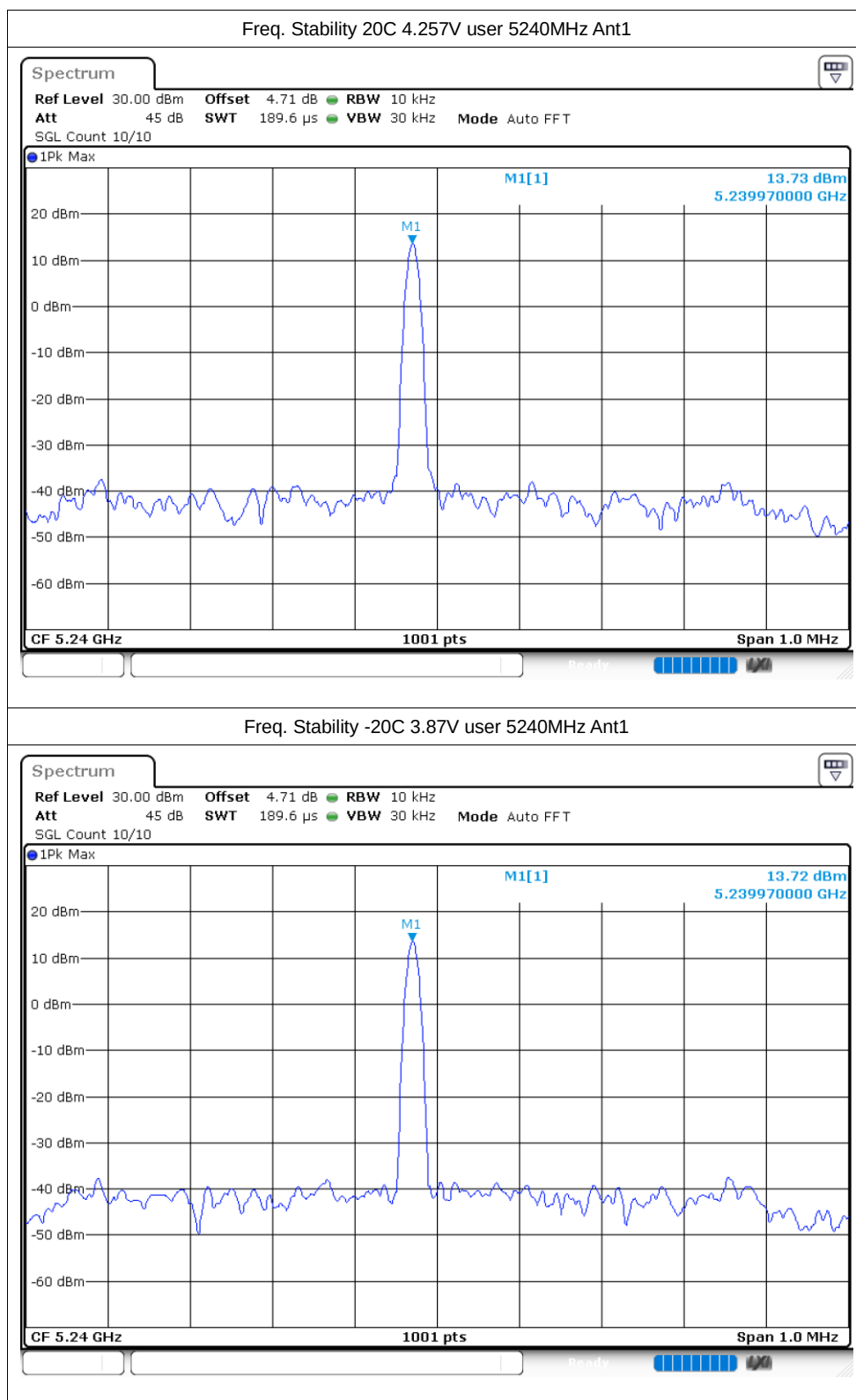


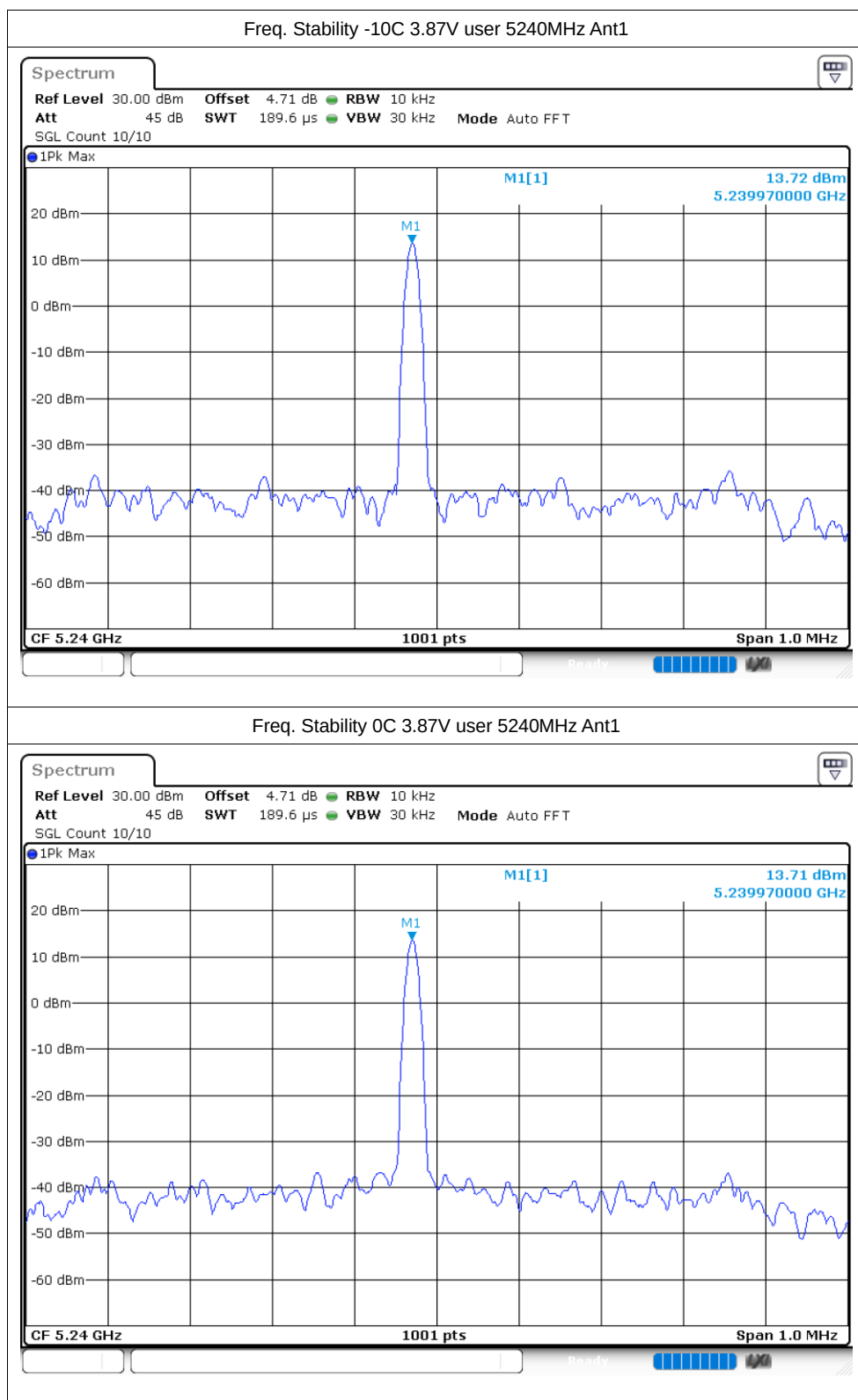


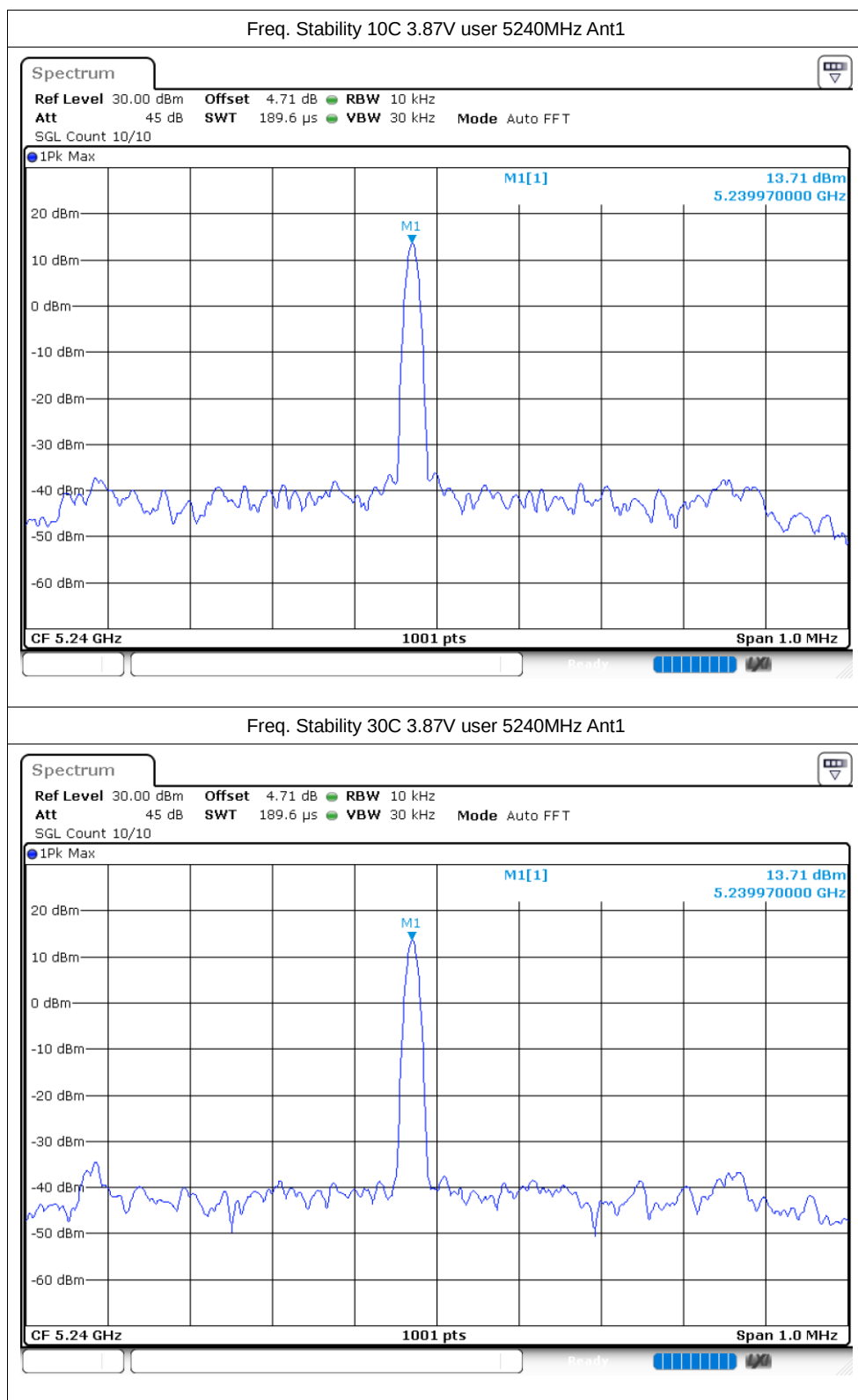


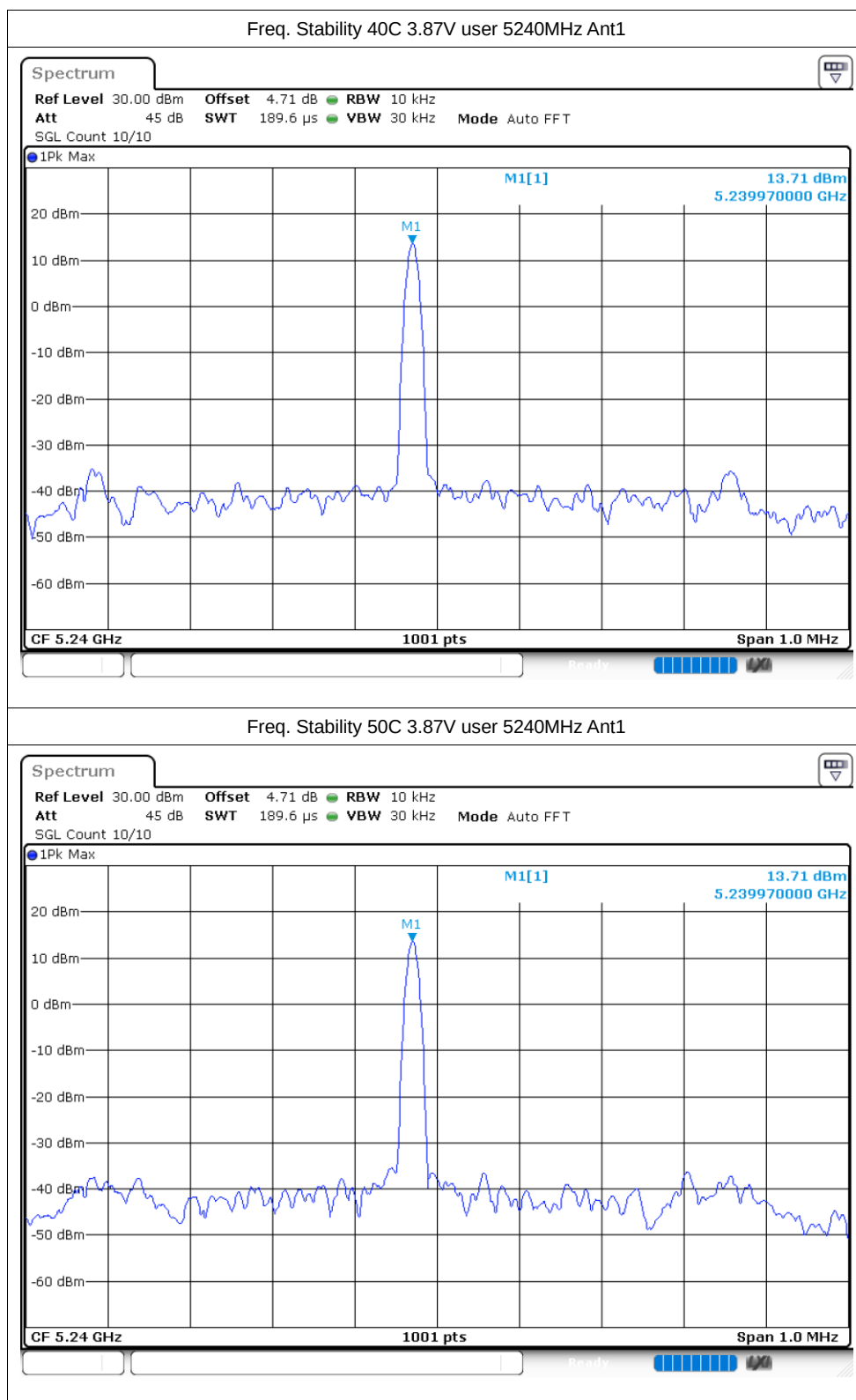








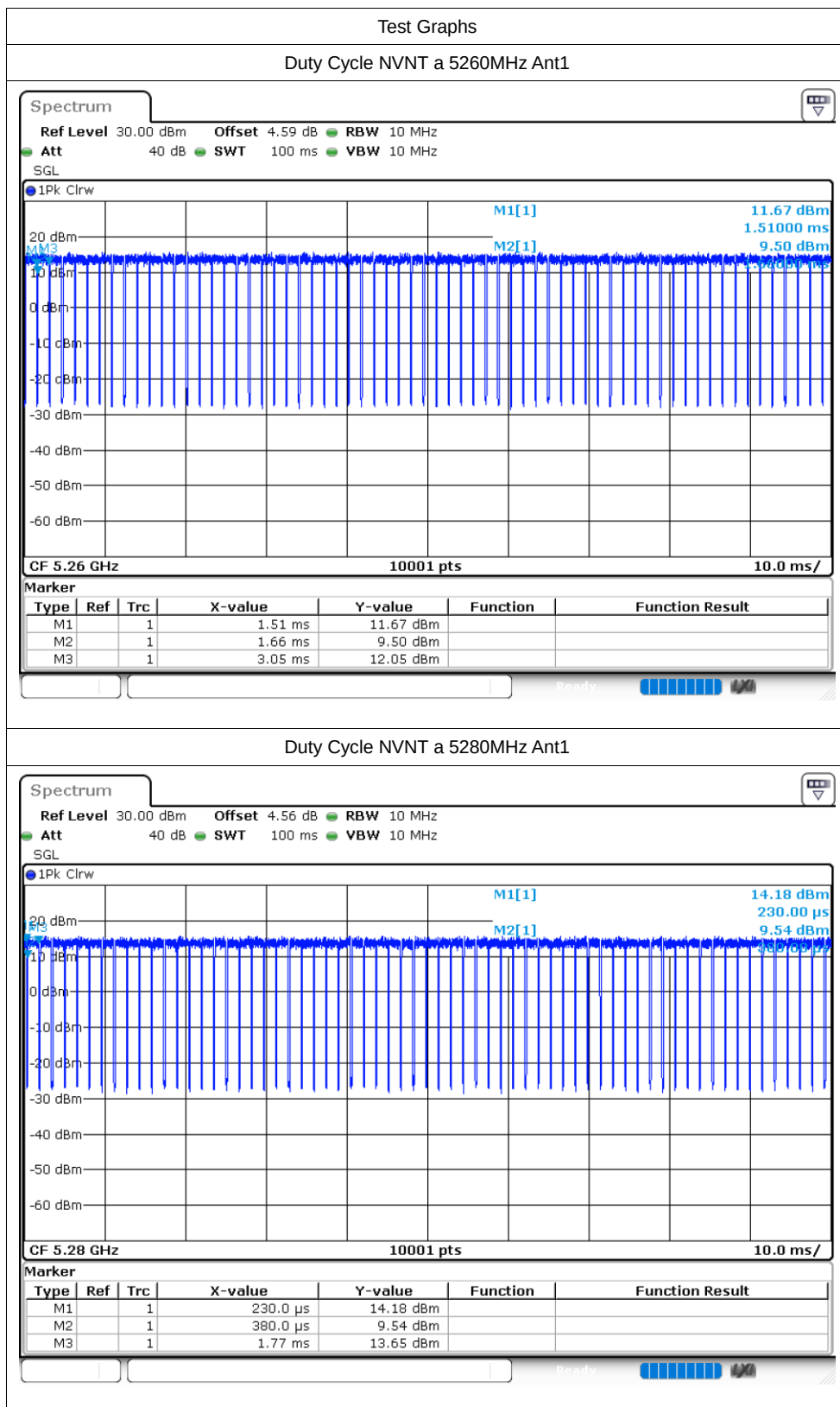


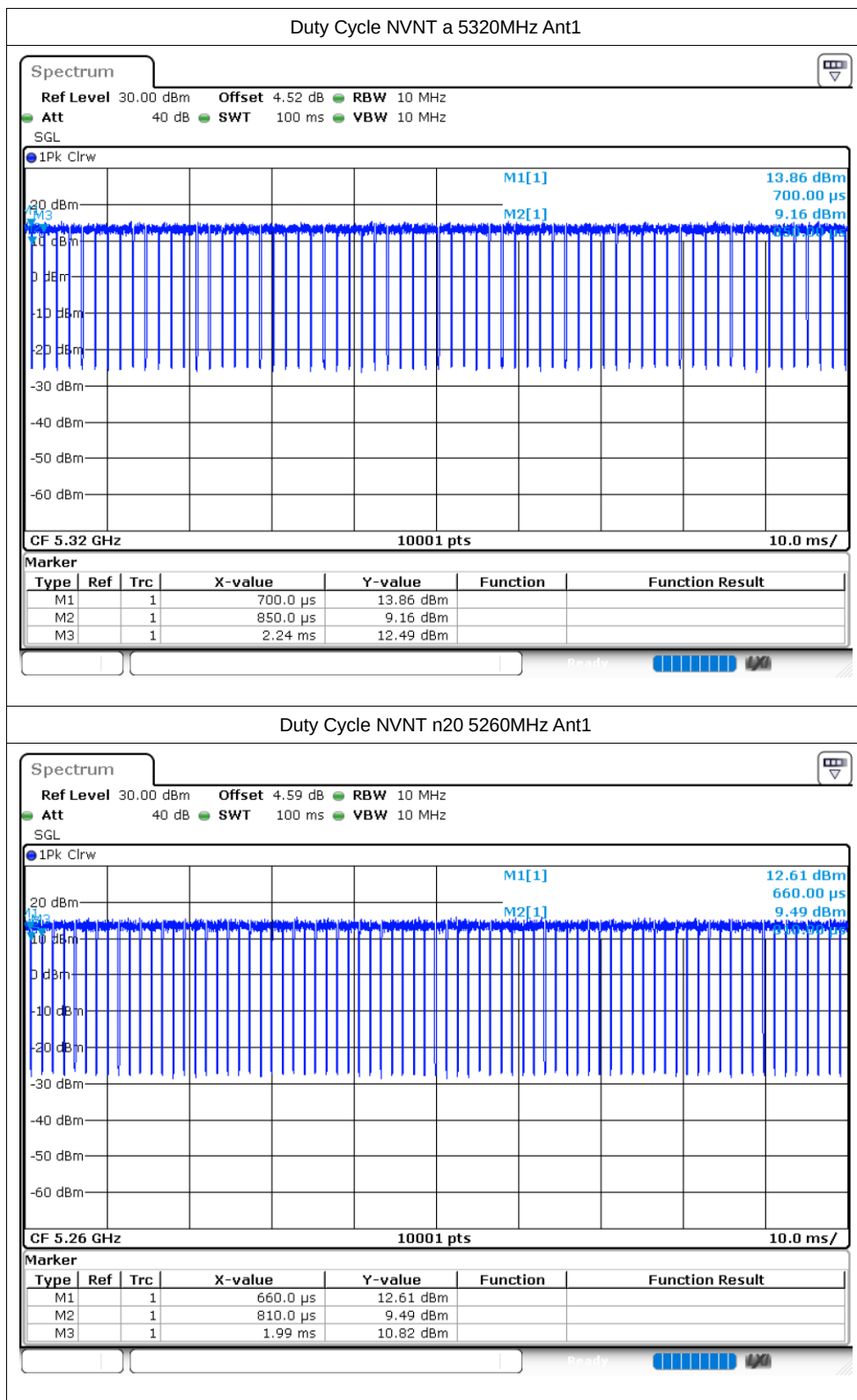


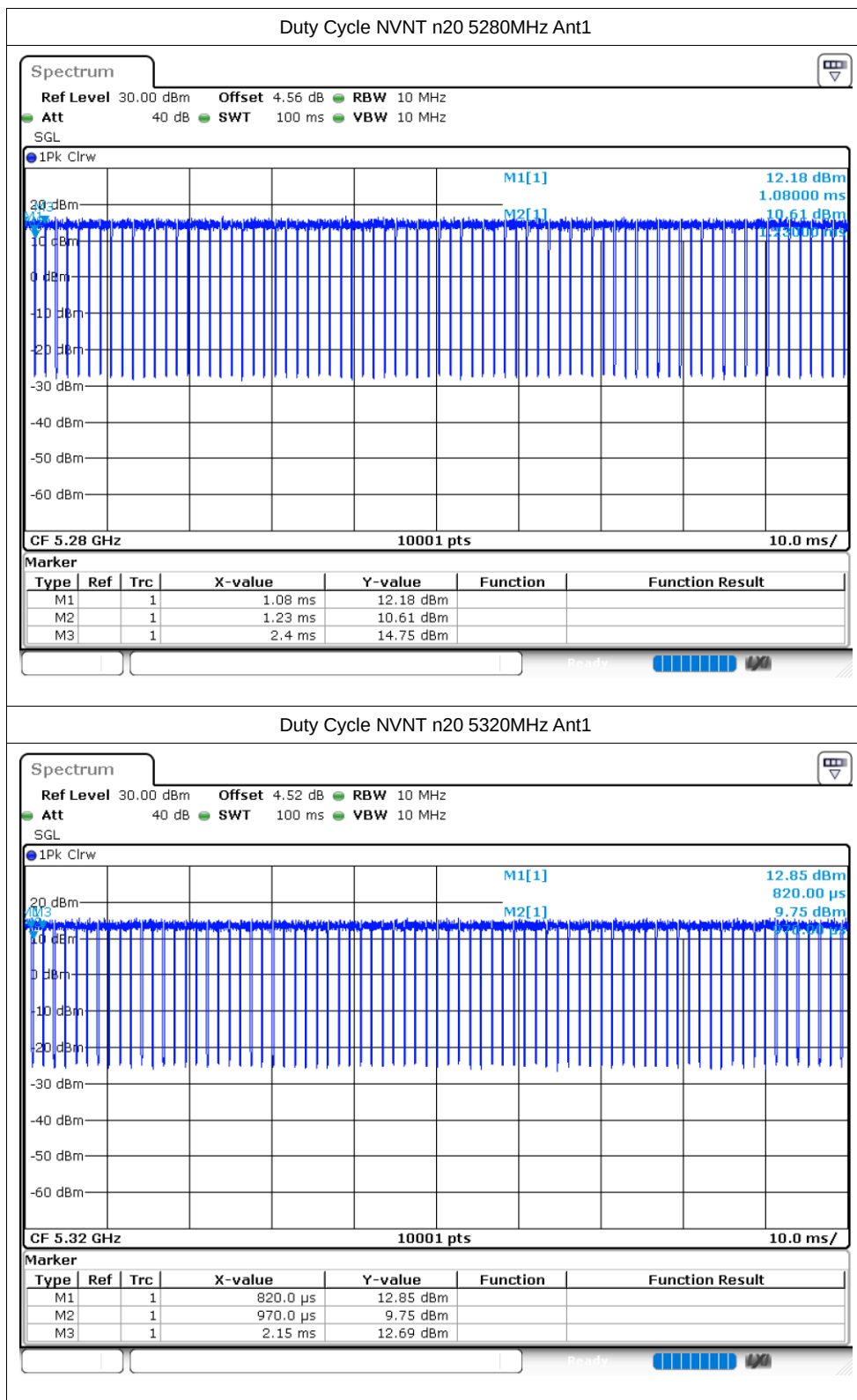
WIFI 5.3G

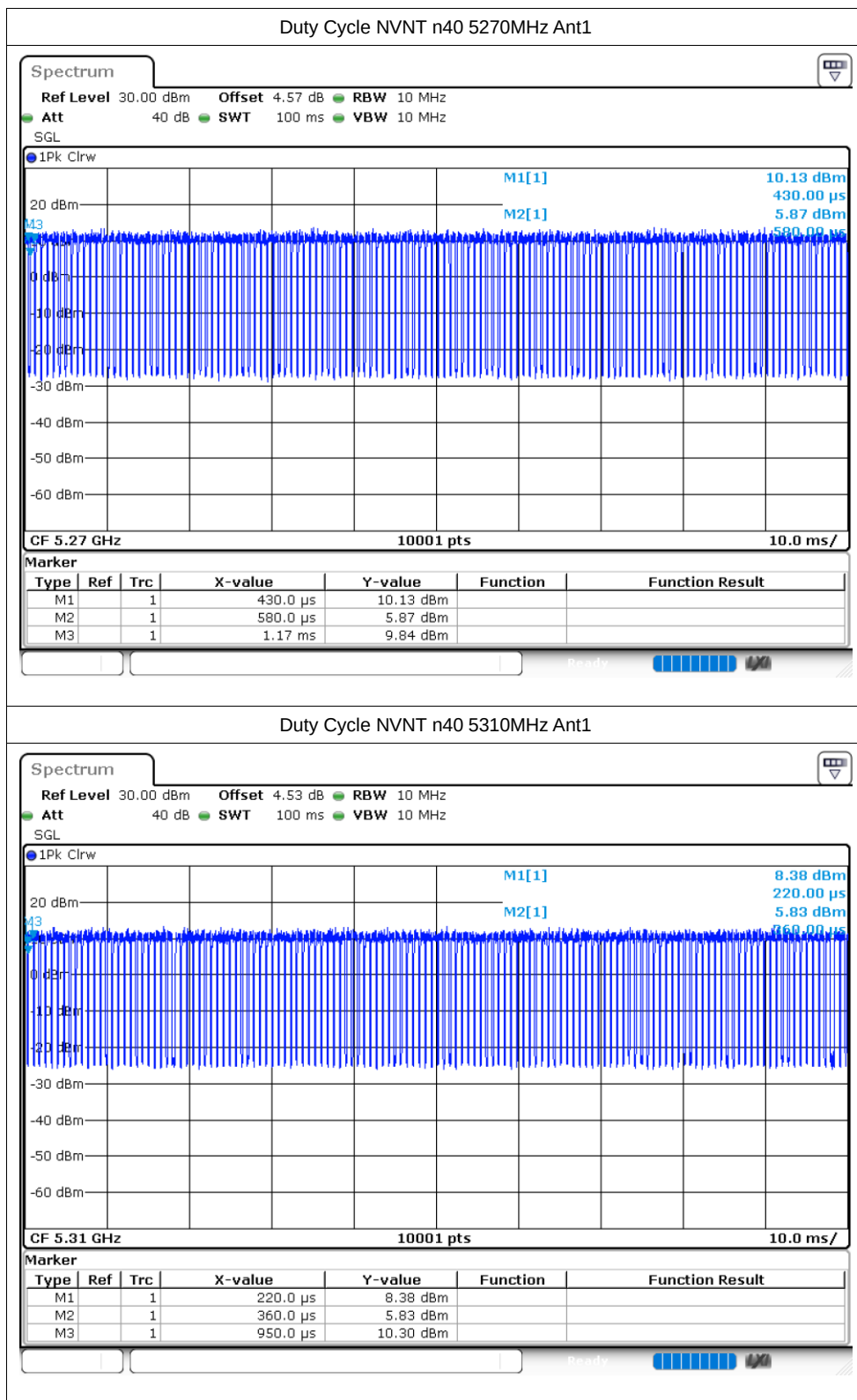
Duty Cycle

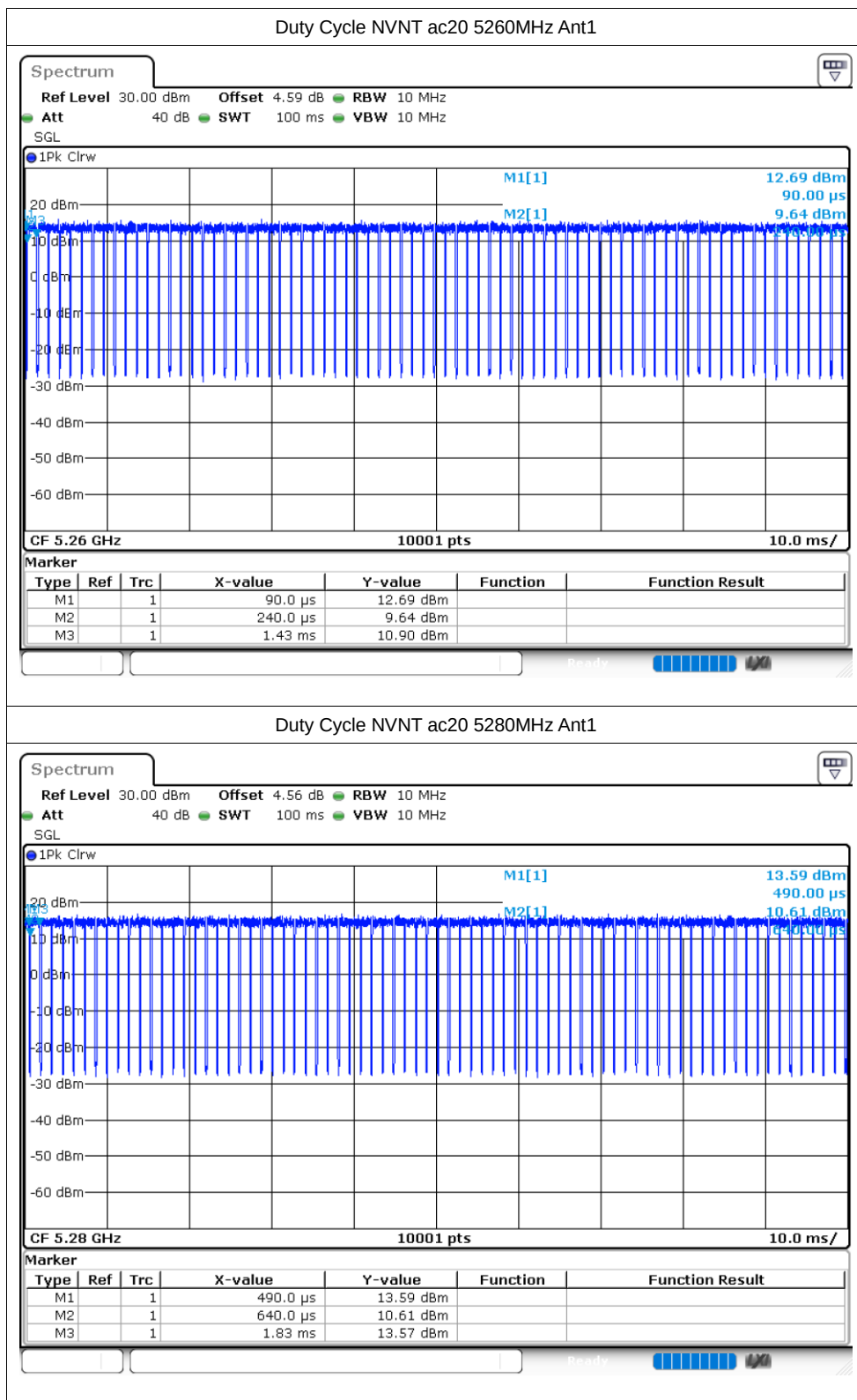
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	90.77	0.42	0.72
NVNT	a	5280	Ant1	90.54	0.43	0.72
NVNT	a	5320	Ant1	90.67	0.43	0.72
NVNT	n20	5260	Ant1	89.07	0.5	0.85
NVNT	n20	5280	Ant1	89.07	0.5	0.85
NVNT	n20	5320	Ant1	89.14	0.5	0.85
NVNT	n40	5270	Ant1	80.46	0.94	1.69
NVNT	n40	5310	Ant1	79.73	0.98	1.69
NVNT	ac20	5260	Ant1	89.18	0.5	0.84
NVNT	ac20	5280	Ant1	89.04	0.5	0.84
NVNT	ac20	5320	Ant1	87.21	0.59	0.85
NVNT	ac40	5270	Ant1	80.38	0.95	1.69
NVNT	ac40	5310	Ant1	79.01	1.02	1.69
NVNT	ac80	5290	Ant1	68.39	1.65	3.33

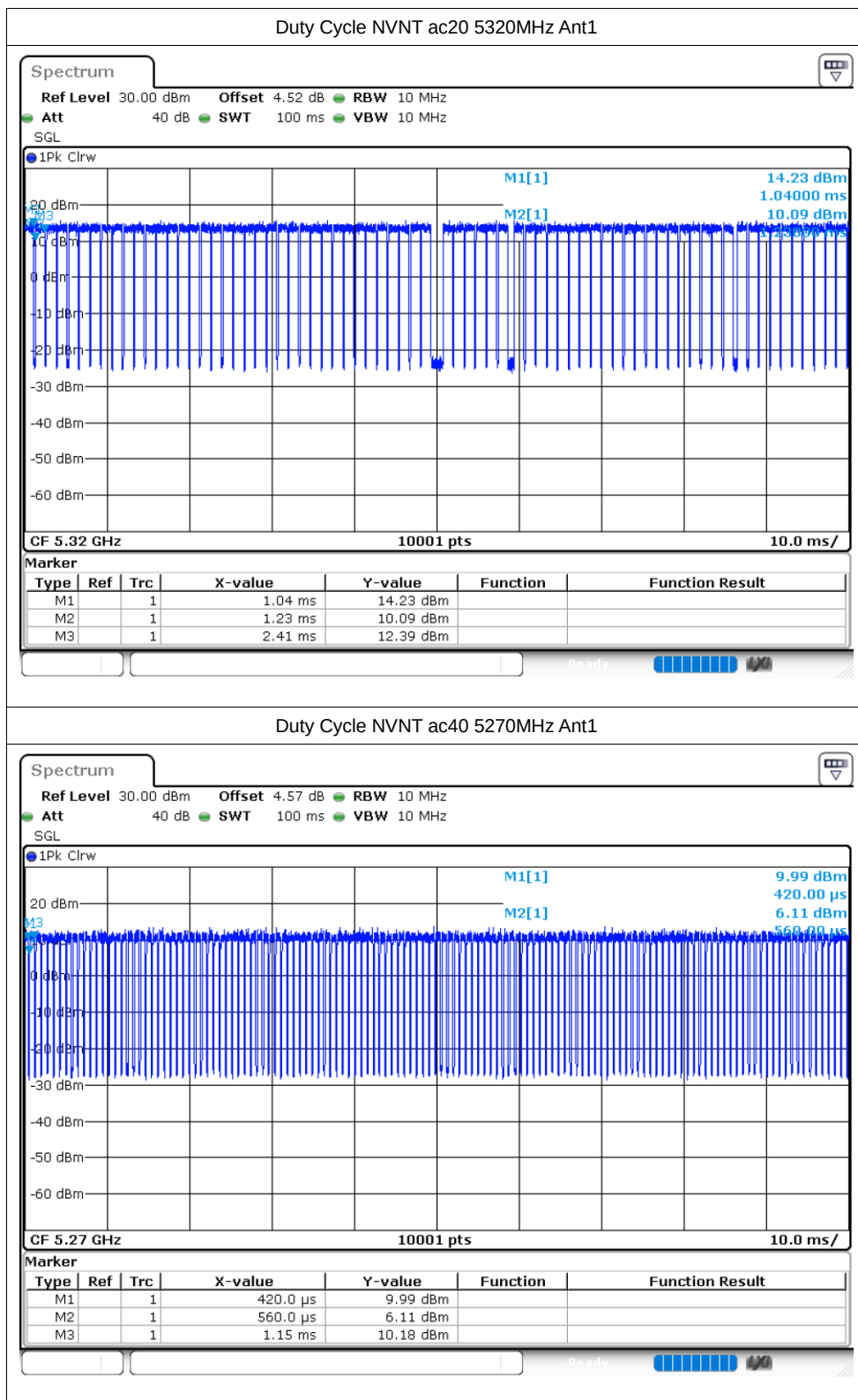


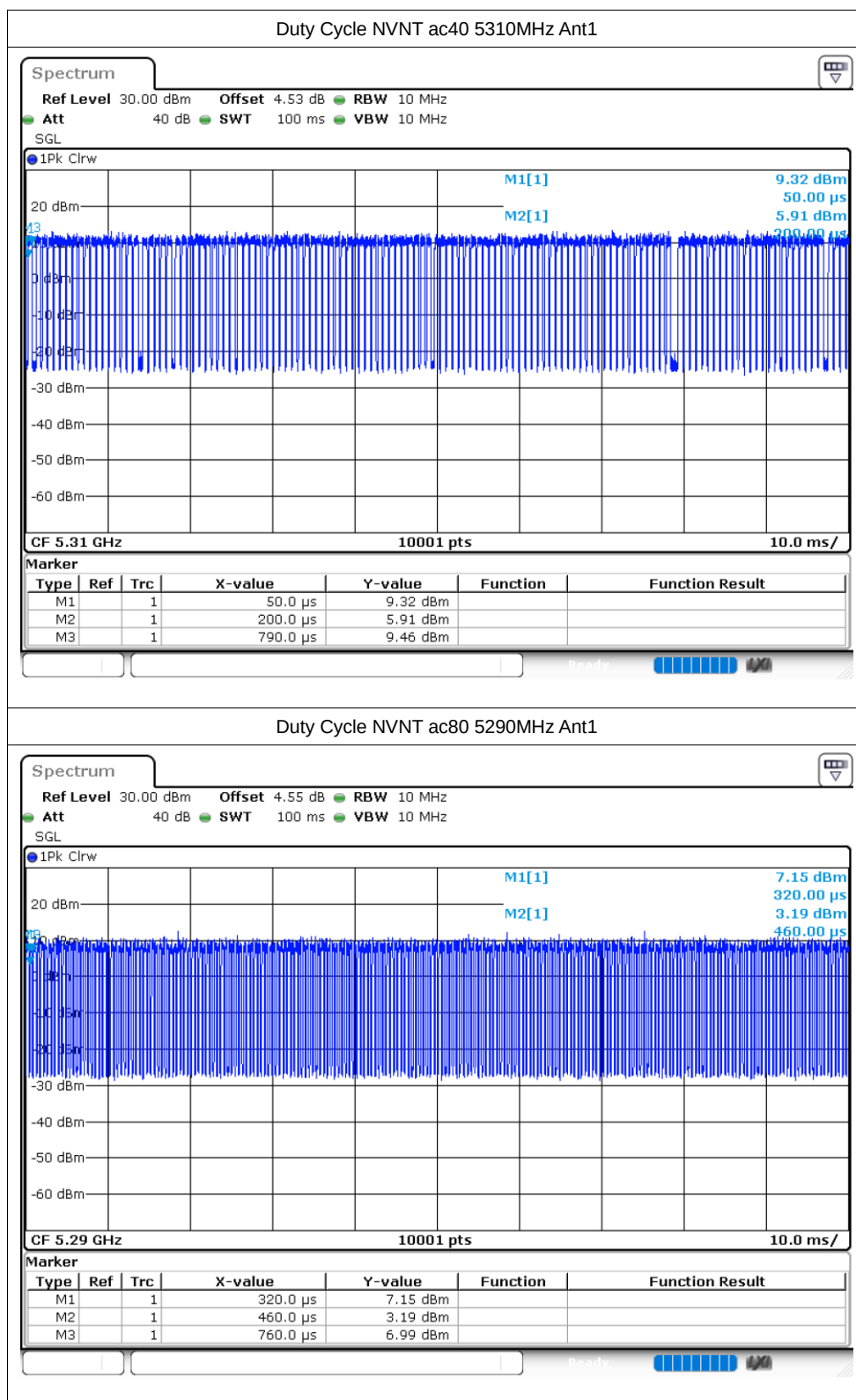












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	10.24	24	Pass
NVNT	a	5280	Ant1	10.14	24	Pass
NVNT	a	5320	Ant1	10.13	24	Pass
NVNT	n20	5260	Ant1	10.06	24	Pass
NVNT	n20	5280	Ant1	10.76	24	Pass
NVNT	n20	5320	Ant1	10.32	24	Pass
NVNT	n40	5270	Ant1	10	24	Pass
NVNT	n40	5310	Ant1	10.11	24	Pass
NVNT	ac20	5260	Ant1	10.09	24	Pass
NVNT	ac20	5280	Ant1	10.67	24	Pass
NVNT	ac20	5320	Ant1	10.03	24	Pass
NVNT	ac40	5270	Ant1	10.27	24	Pass
NVNT	ac40	5310	Ant1	10	24	Pass
NVNT	ac80	5290	Ant1	10.49	24	Pass

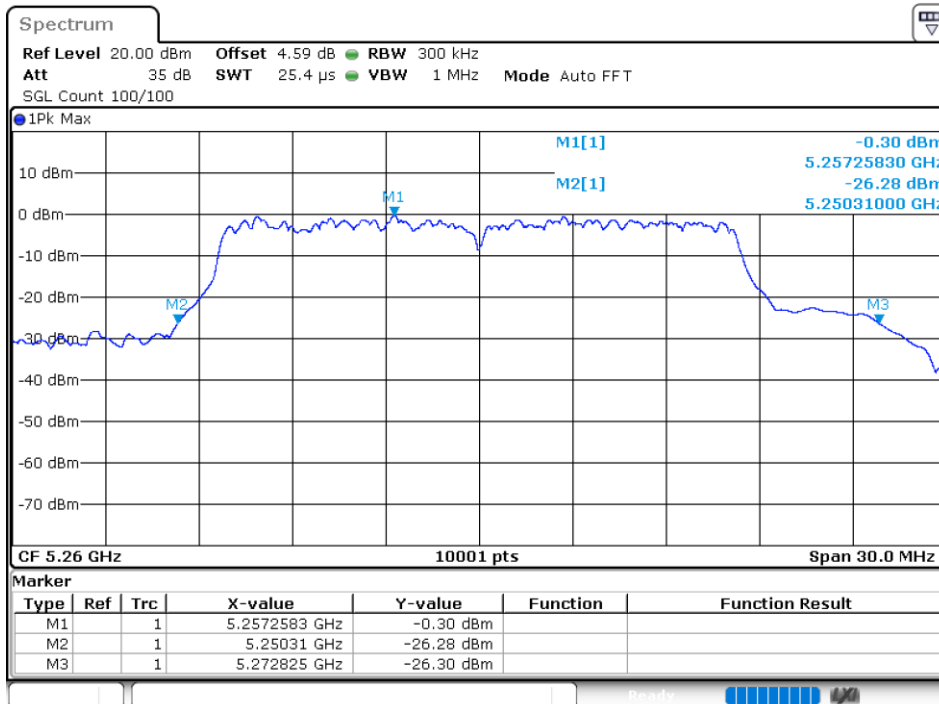
Note: The average power has contain duty cycle factor

-26dB Bandwidth

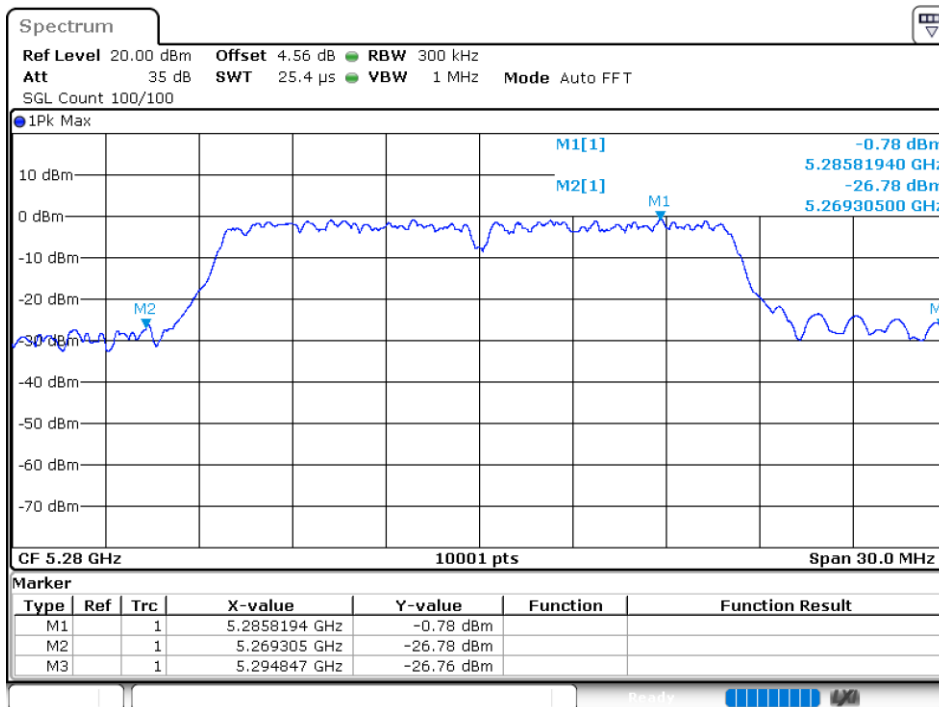
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	22.515	Pass
NVNT	a	5280	Ant1	25.542	Pass
NVNT	a	5320	Ant1	19.746	Pass
NVNT	n20	5260	Ant1	21.327	Pass
NVNT	n20	5280	Ant1	24.513	Pass
NVNT	n20	5320	Ant1	24.381	Pass
NVNT	n40	5270	Ant1	55.698	Pass
NVNT	n40	5310	Ant1	55.998	Pass
NVNT	ac20	5260	Ant1	23.643	Pass
NVNT	ac20	5280	Ant1	26.532	Pass
NVNT	ac20	5320	Ant1	20.334	Pass
NVNT	ac40	5270	Ant1	55.674	Pass
NVNT	ac40	5310	Ant1	56.016	Pass
NVNT	ac80	5290	Ant1	101.976	Pass

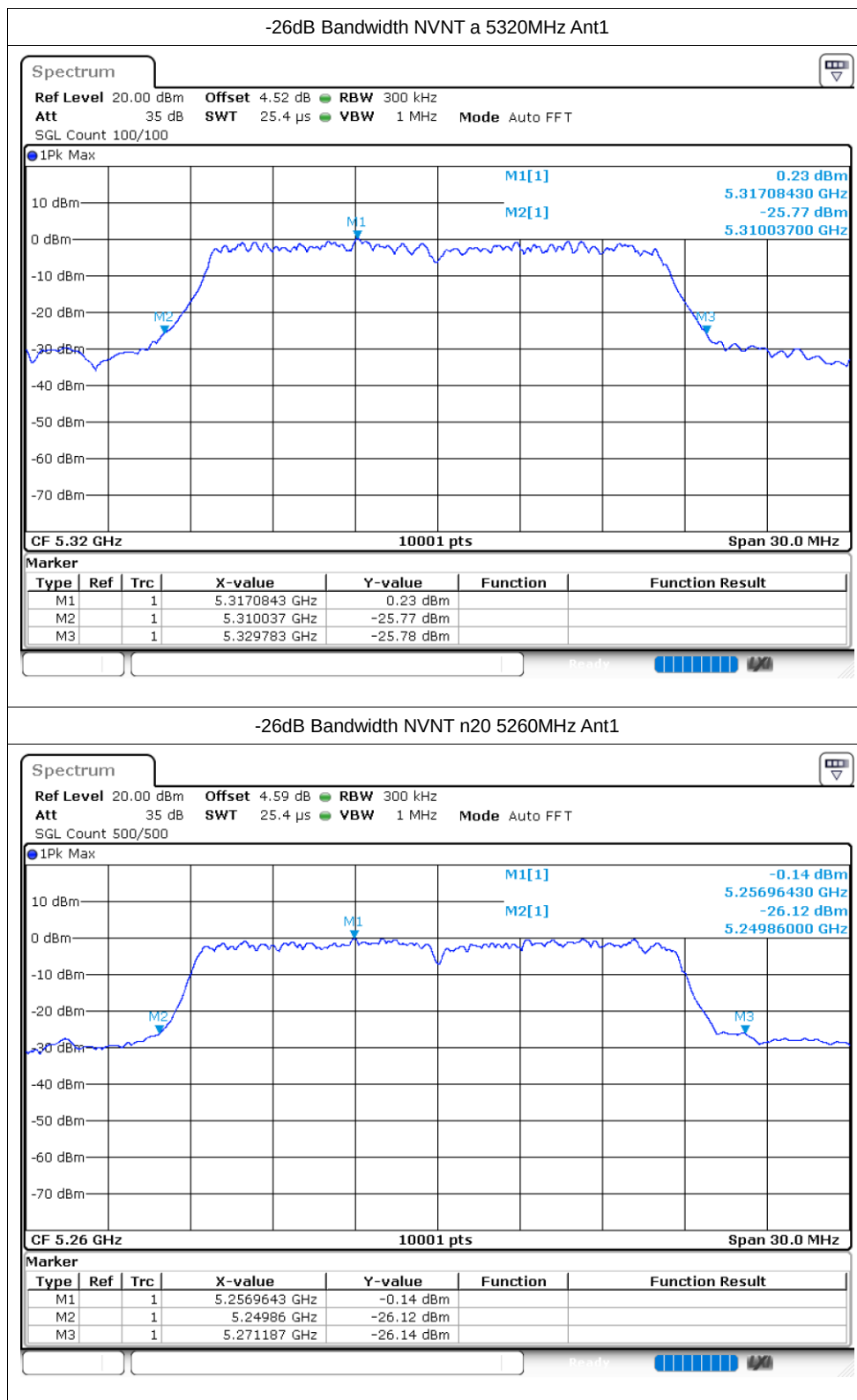
Test Graphs

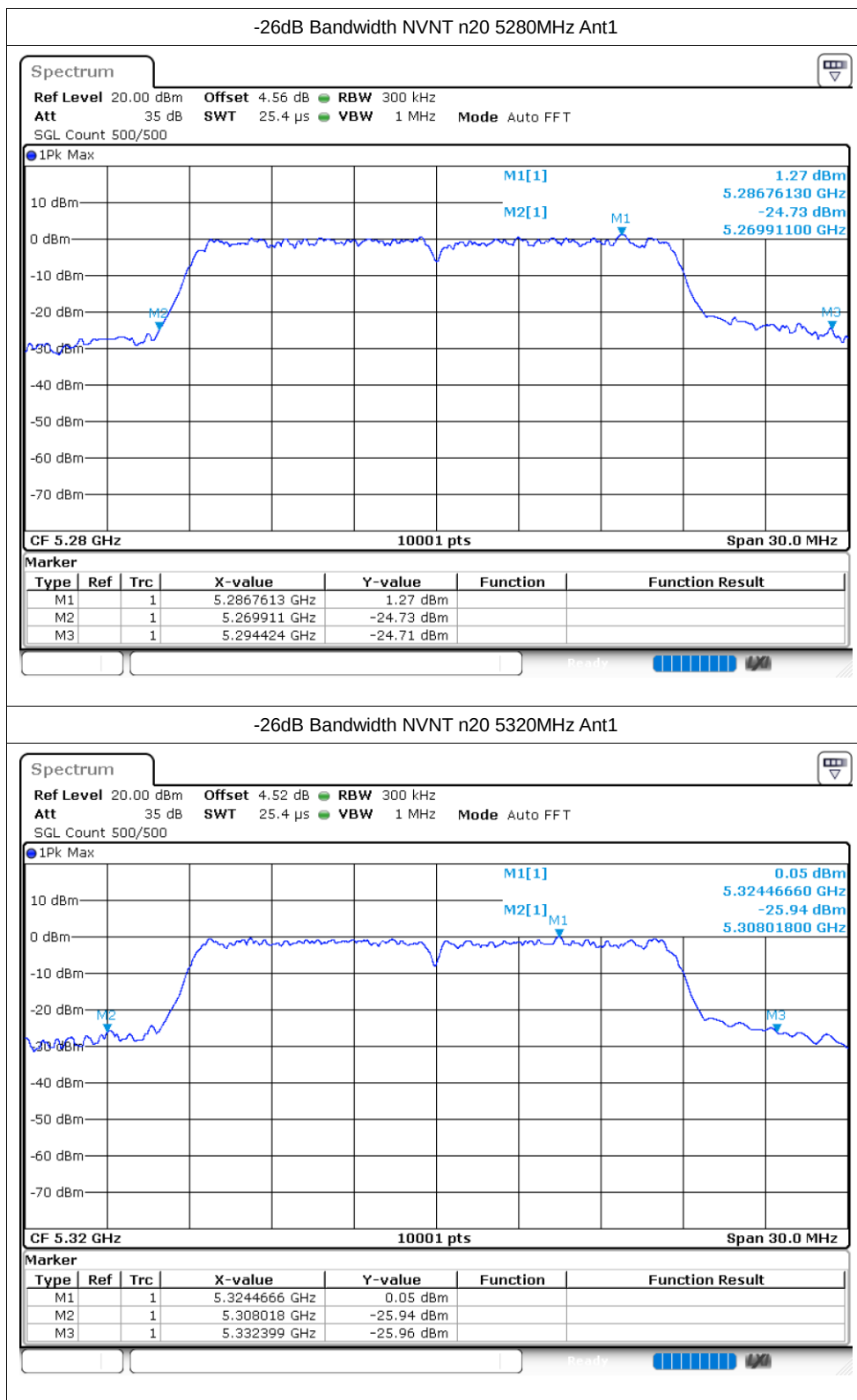
-26dB Bandwidth NVNT a 5260MHz Ant1

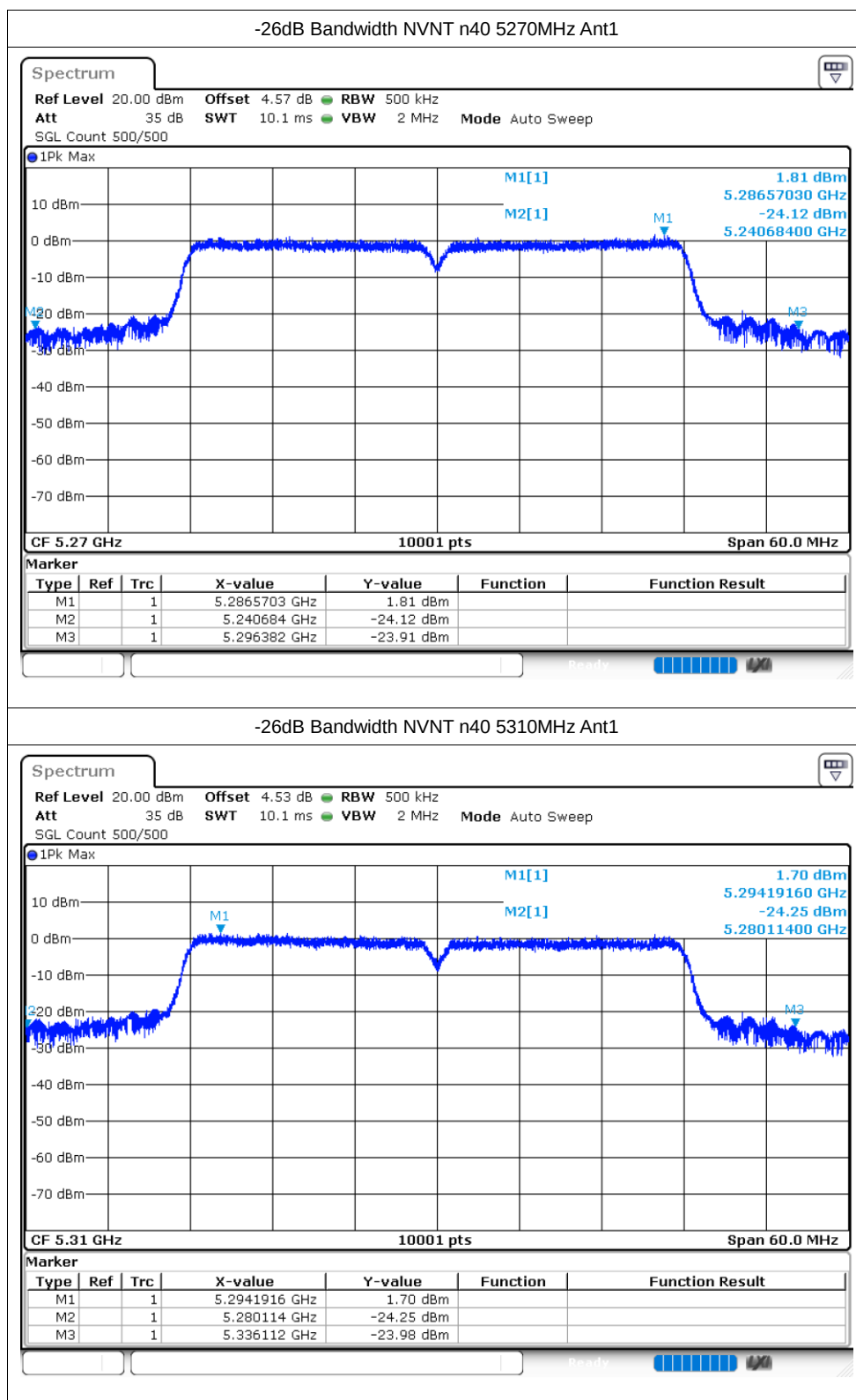


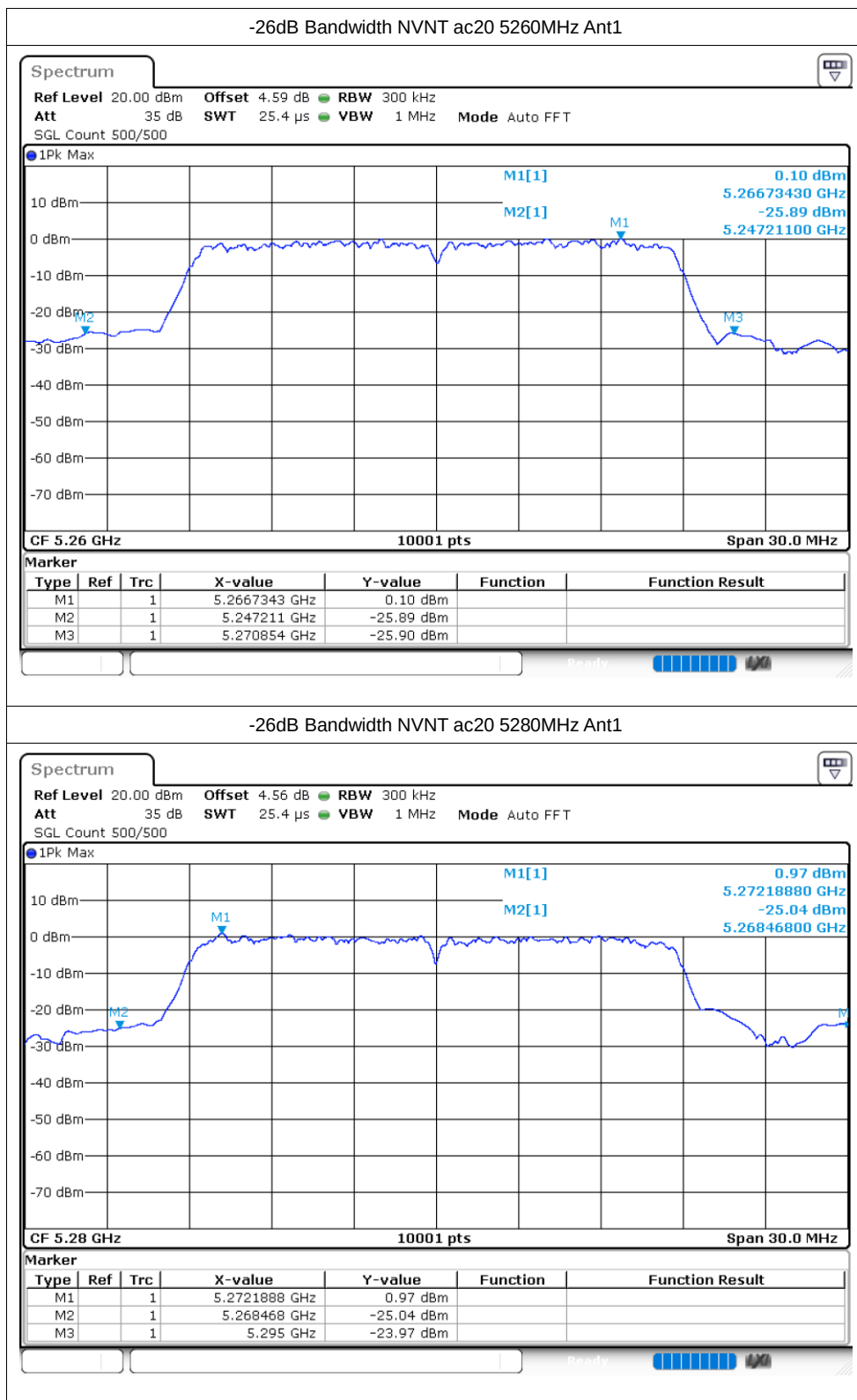
-26dB Bandwidth NVNT a 5280MHz Ant1

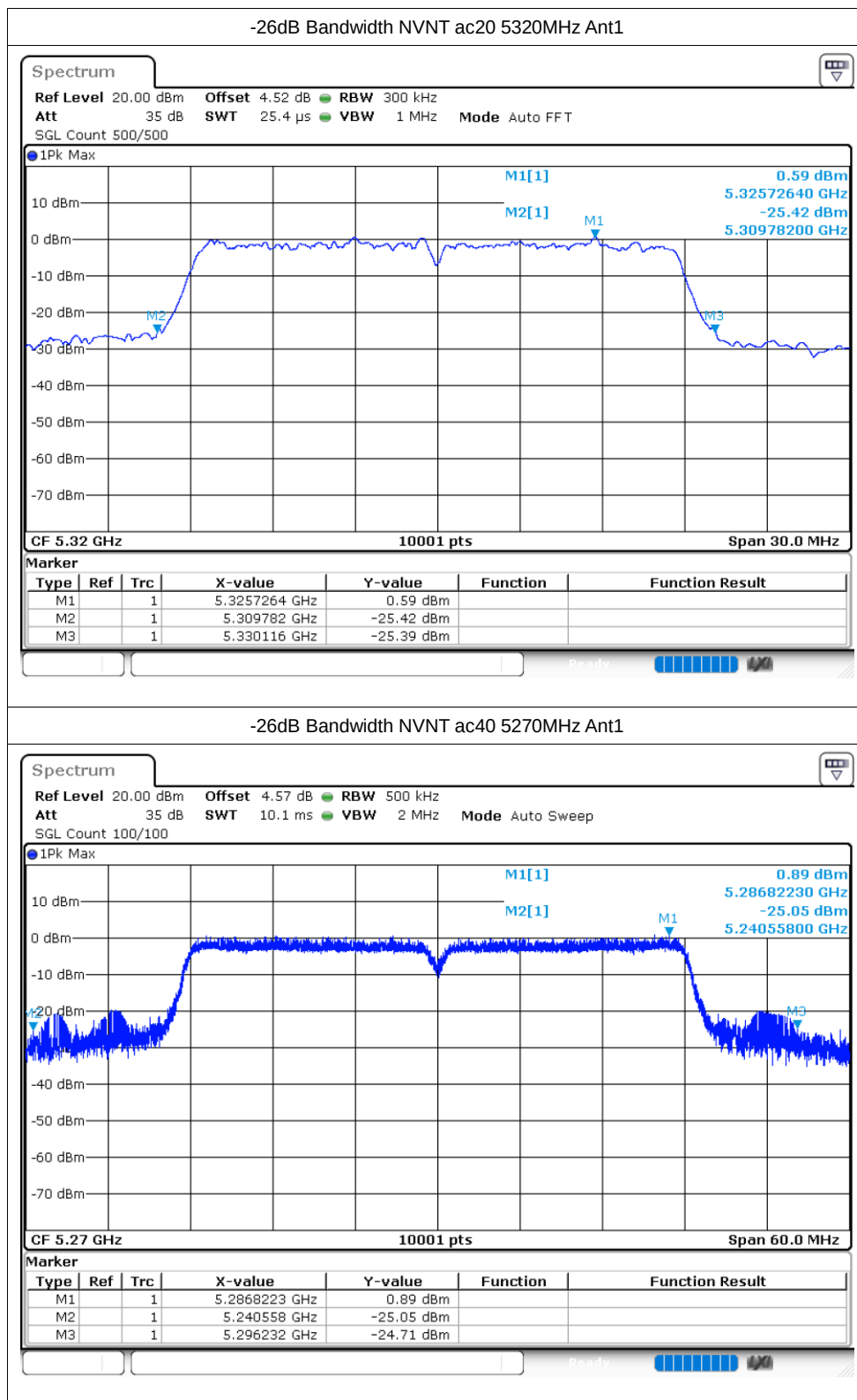


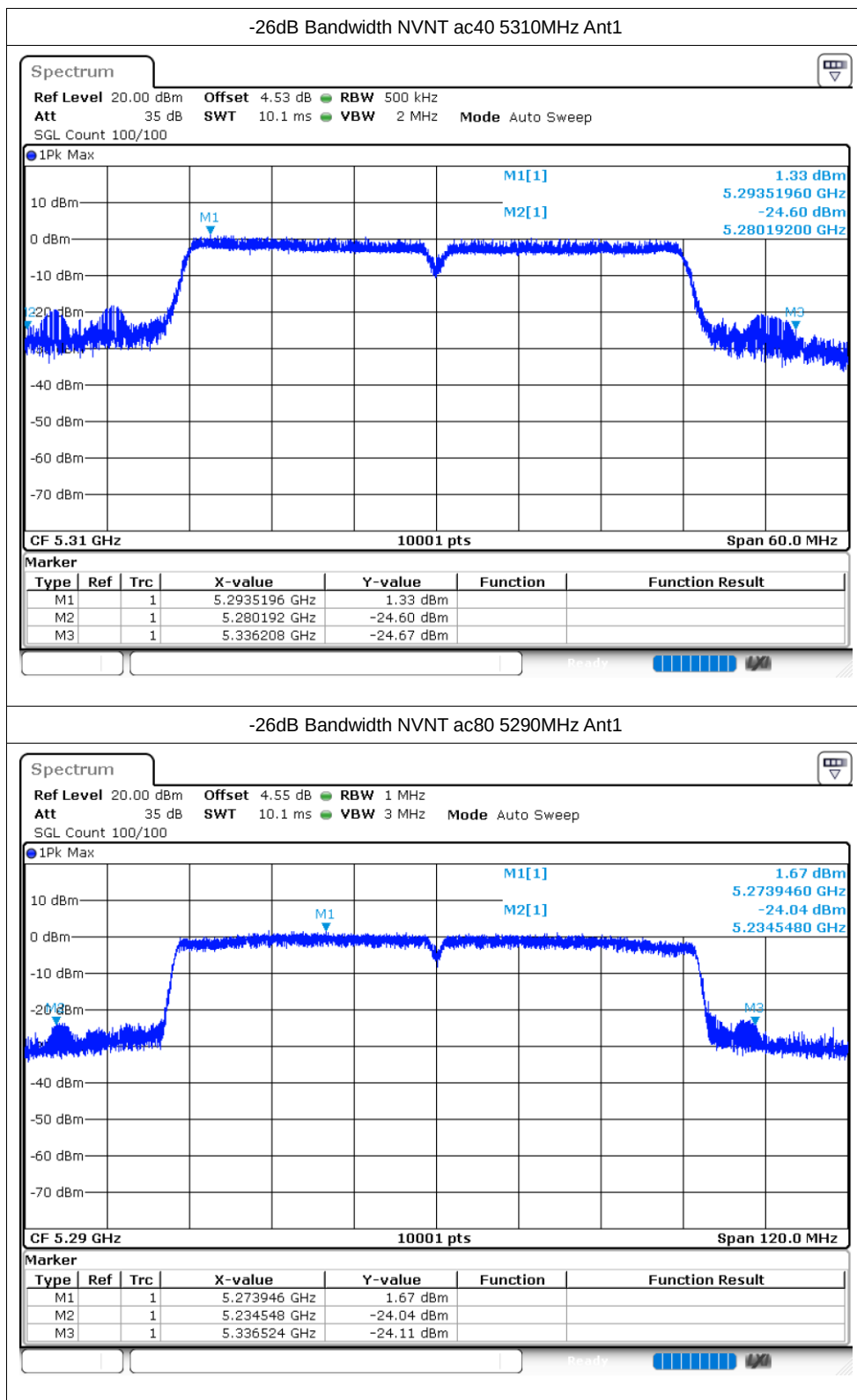










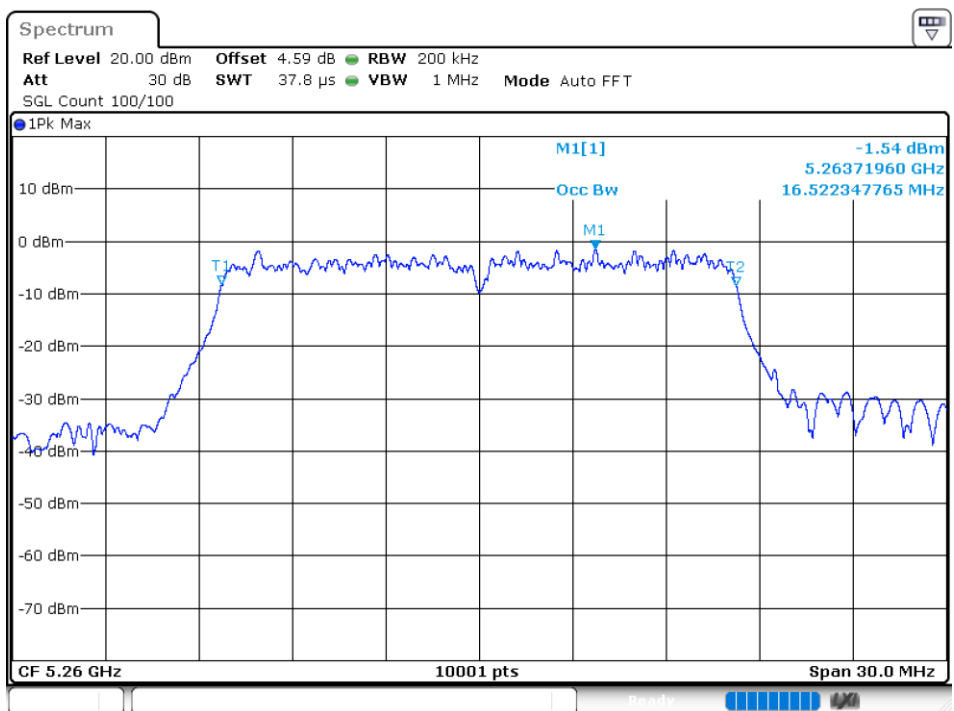


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.522
NVNT	a	5280	Ant1	16.654
NVNT	a	5320	Ant1	16.528
NVNT	n20	5260	Ant1	17.731
NVNT	n20	5280	Ant1	17.746
NVNT	n20	5320	Ant1	17.773
NVNT	n40	5270	Ant1	36.524
NVNT	n40	5310	Ant1	36.524
NVNT	ac20	5260	Ant1	17.635
NVNT	ac20	5280	Ant1	17.689
NVNT	ac20	5320	Ant1	17.698
NVNT	ac40	5270	Ant1	36.446
NVNT	ac40	5310	Ant1	36.434
NVNT	ac80	5290	Ant1	75.364

Test Graphs

OBW NVNT a 5260MHz Ant1



OBW NVNT a 5280MHz Ant1

