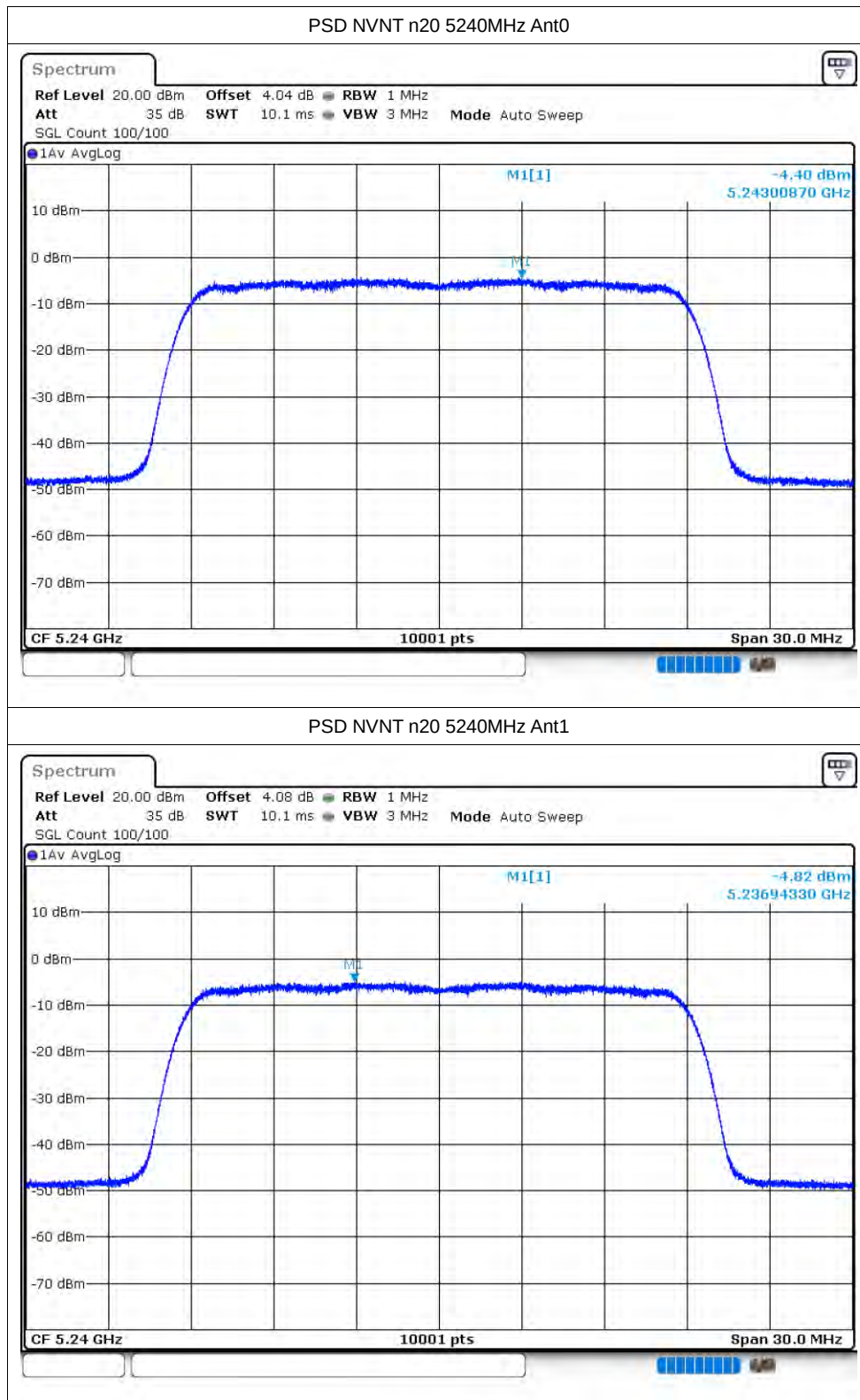
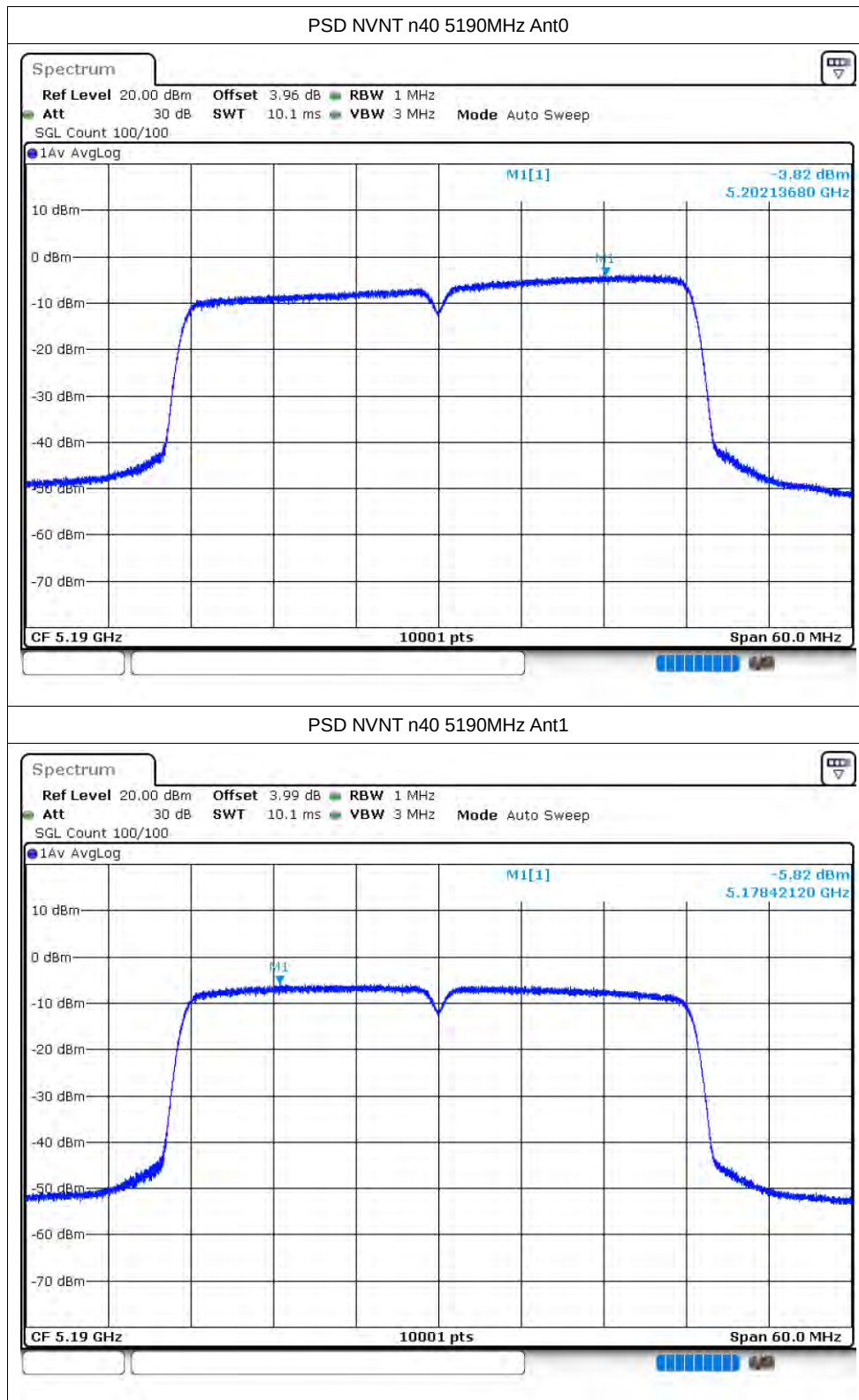
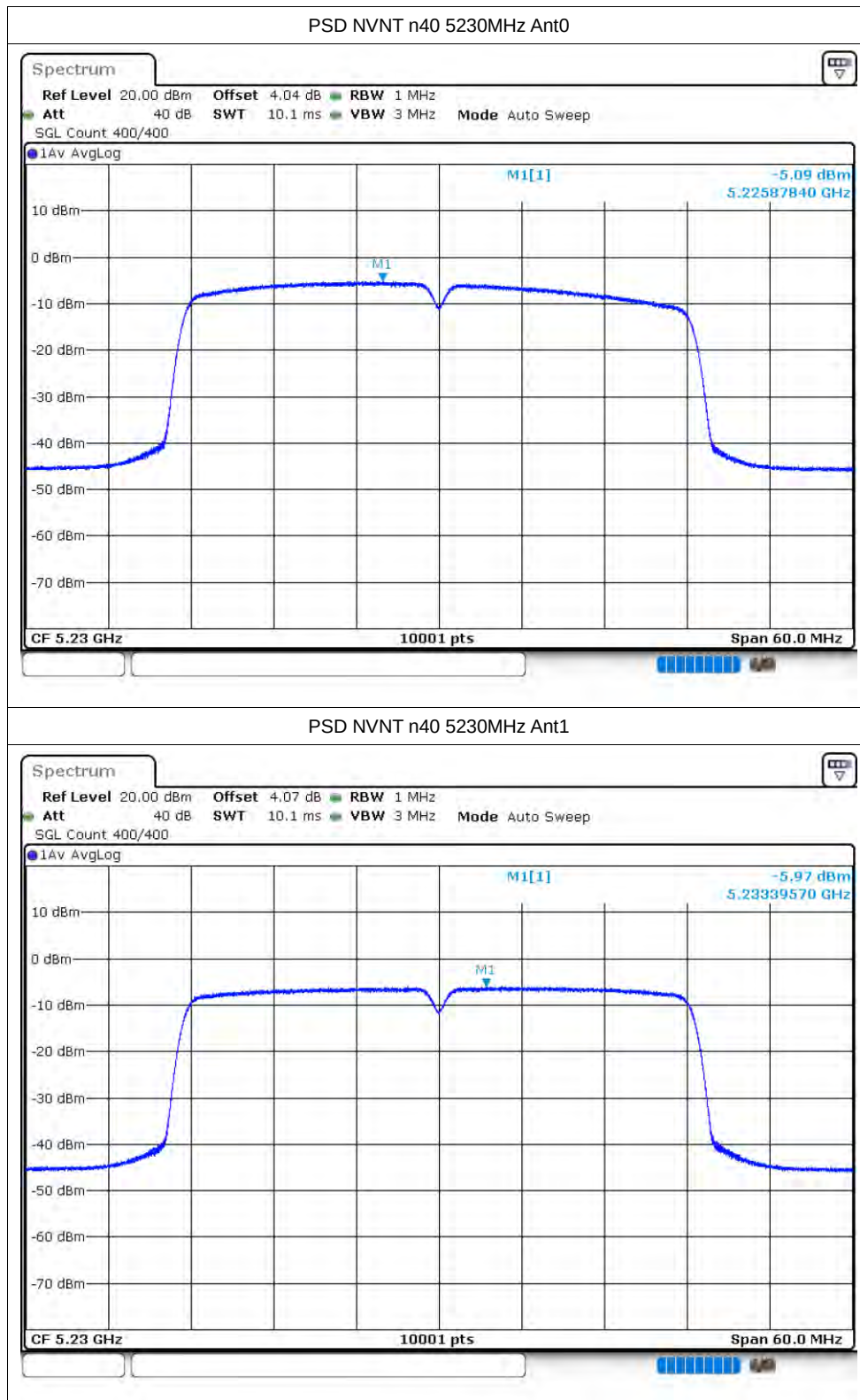








Band Edge

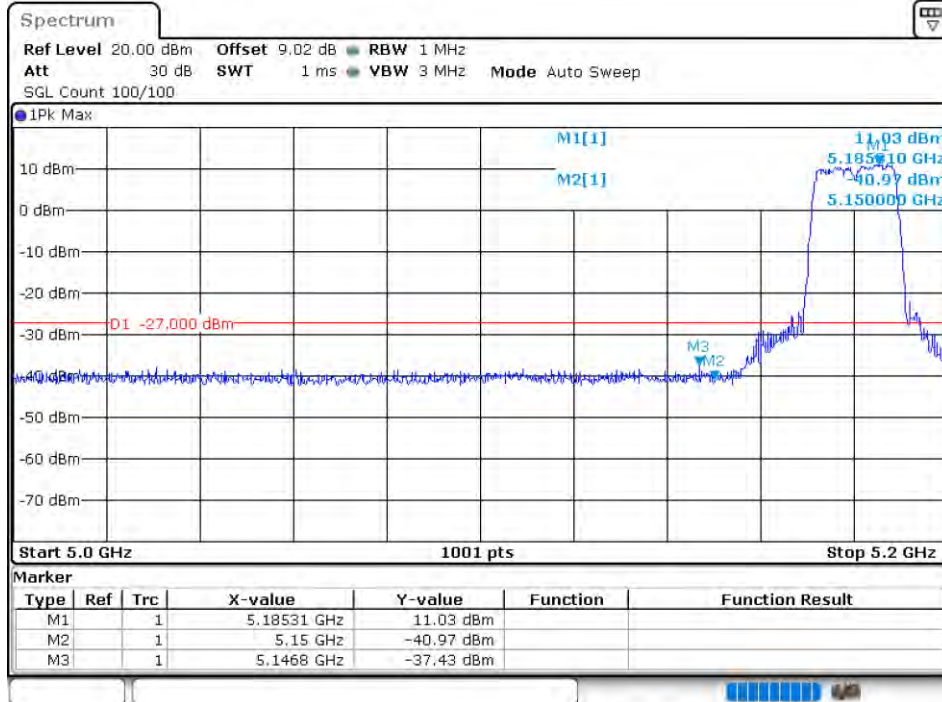
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	-37.43	-27	Pass
NVNT	ac20	5180	Ant2	-36.58	-27	Pass
NVNT	ac20	5240	Ant1	-37.66	-27	Pass
NVNT	ac20	5240	Ant2	-37.36	-27	Pass
NVNT	ac40	5190	Ant1	-34.77	-27	Pass
NVNT	ac40	5190	Ant2	-36.21	-27	Pass
NVNT	ac40	5230	Ant1	-35.84	-27	Pass
NVNT	ac40	5230	Ant2	-37.44	-27	Pass
NVNT	ac80	5210	Ant1	-38.15	-27	Pass
NVNT	ac80	5210	Ant2	-37.58	-27	Pass
NVNT	ac80	5210	Ant1	-37.48	-27	Pass
NVNT	ac80	5210	Ant2	-37.01	-27	Pass
NVNT	n20	5180	Ant1	-37.71	-27	Pass
NVNT	n20	5180	Ant2	-36.86	-27	Pass
NVNT	n20	5240	Ant1	-37.76	-27	Pass
NVNT	n20	5240	Ant2	-37.11	-27	Pass
NVNT	n40	5190	Ant1	-35.36	-27	Pass
NVNT	n40	5190	Ant2	-36.43	-27	Pass
NVNT	n40	5230	Ant1	-41.12	-27	Pass
NVNT	n40	5230	Ant2	-40.23	-27	Pass

Note: 1) This test has increased antenna gain.

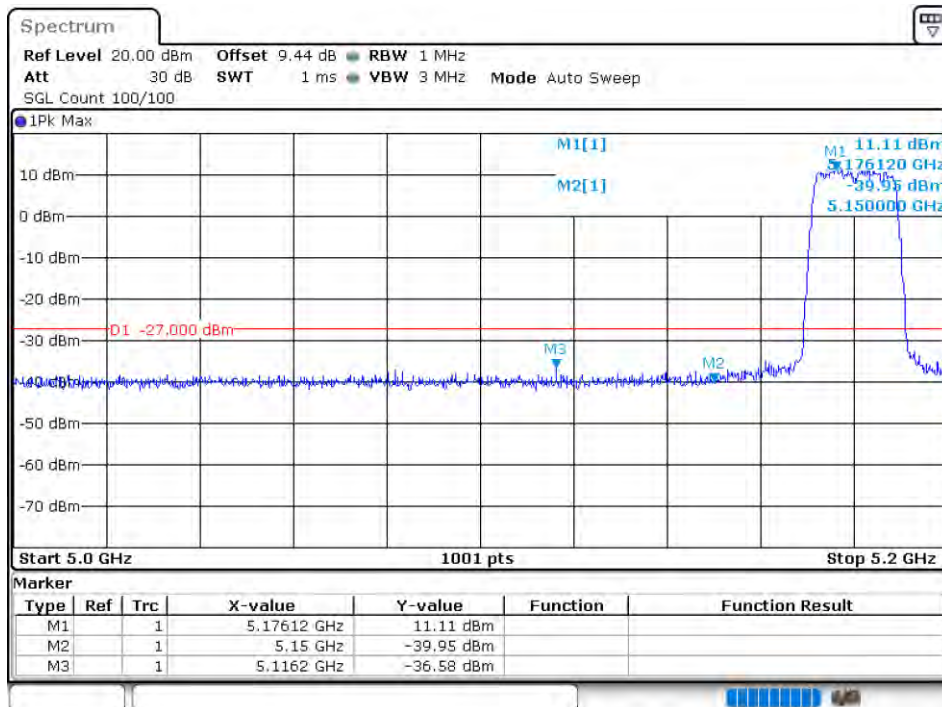
2) The ANT 1 & ANT 2 both have a 3dB margin below the limit, so the MIMO mode is passed.

Test Graphs

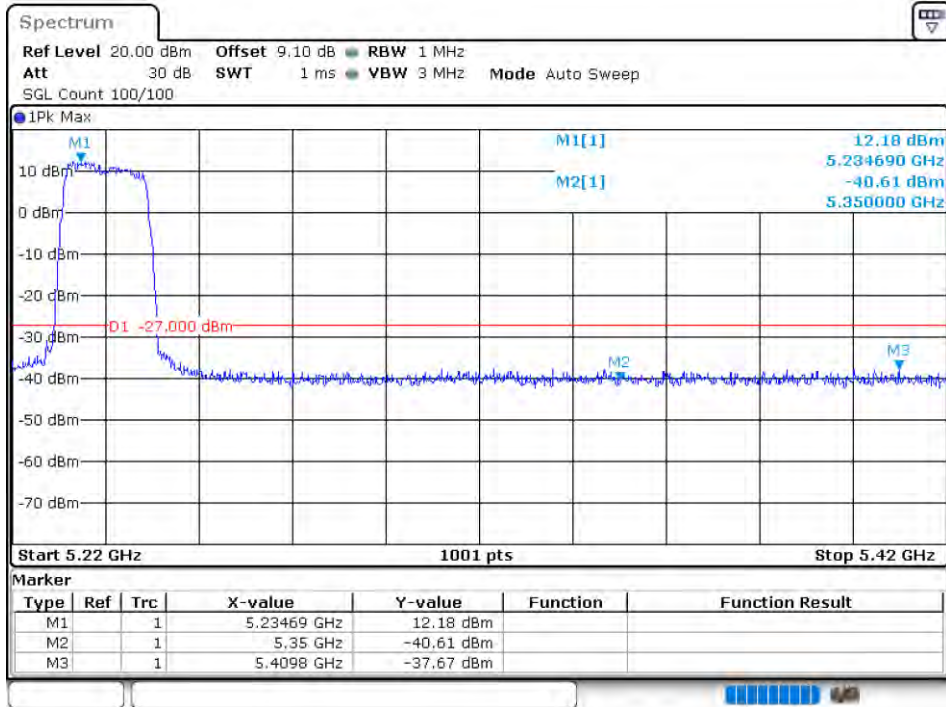
Band Edge NVNT ac20 5180MHz Low Ant1



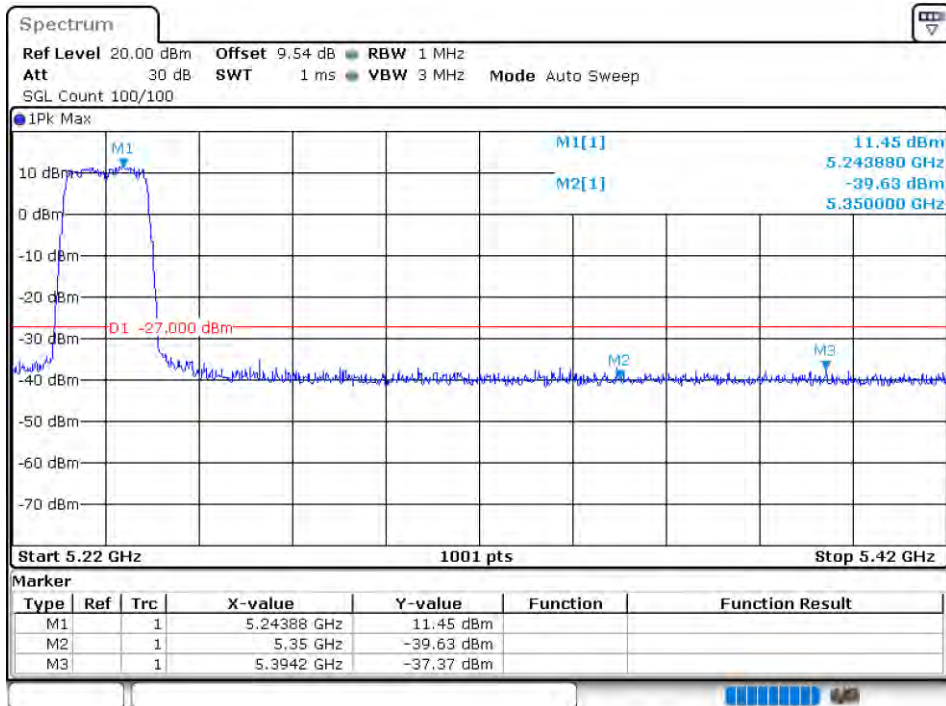
Band Edge NVNT ac20 5180MHz Low Ant2



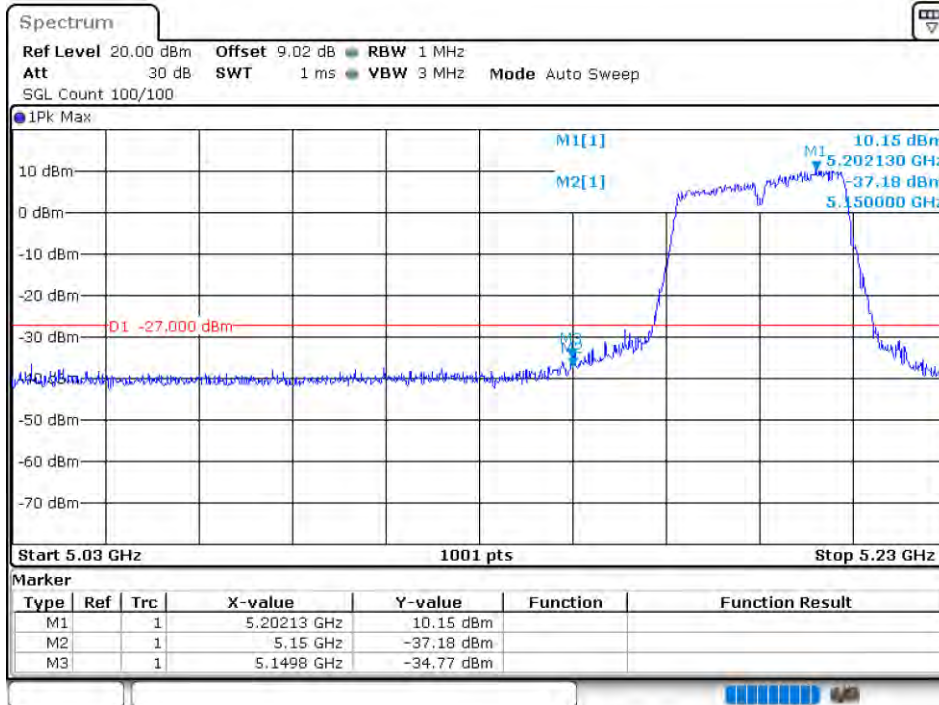
Band Edge NVNT ac20 5240MHz High Ant1



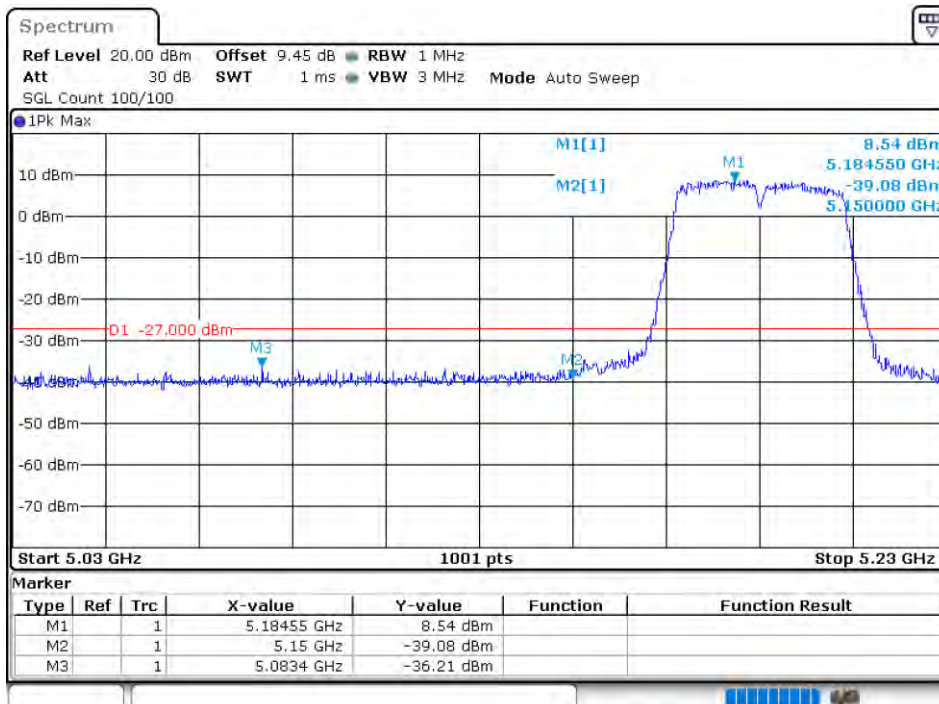
Band Edge NVNT ac20 5240MHz High Ant2



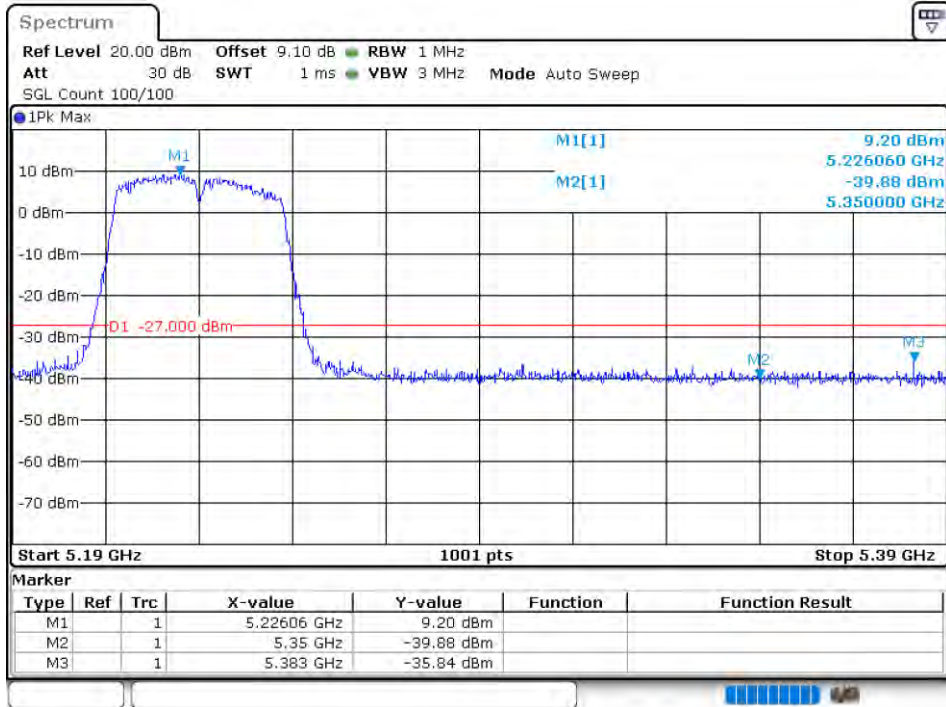
Band Edge NVNT ac40 5190MHz Low Ant1



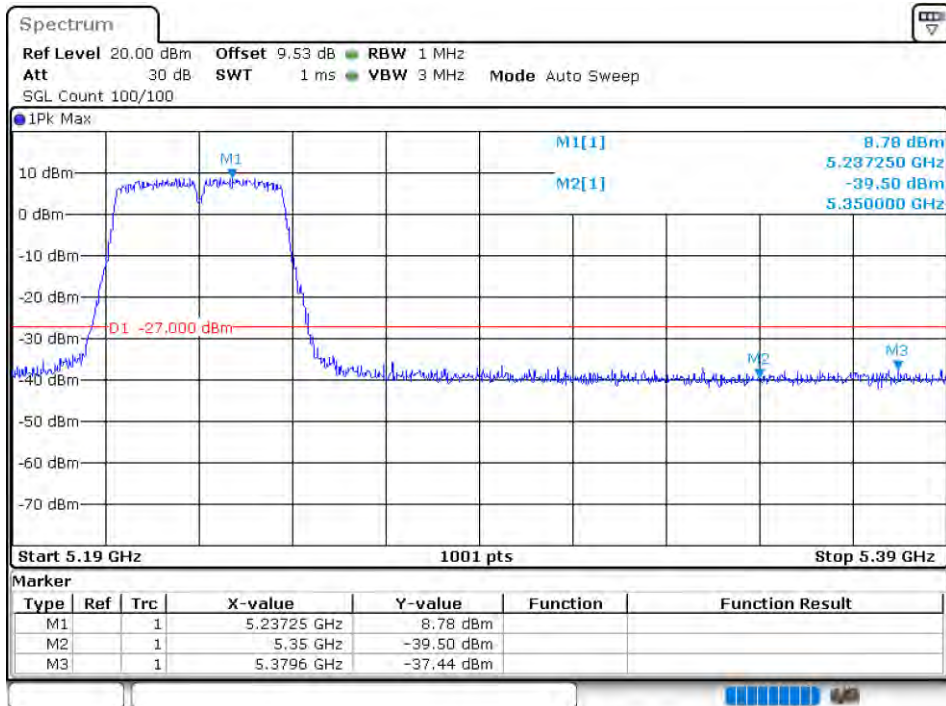
Band Edge NVNT ac40 5190MHz Low Ant2



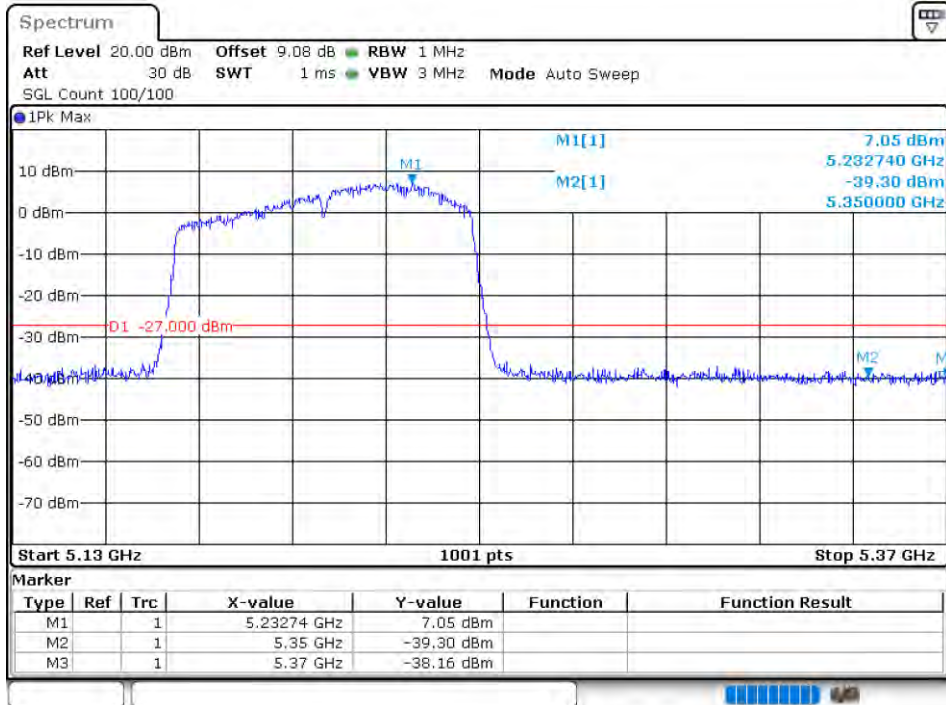
Band Edge NVNT ac40 5230MHz High Ant1



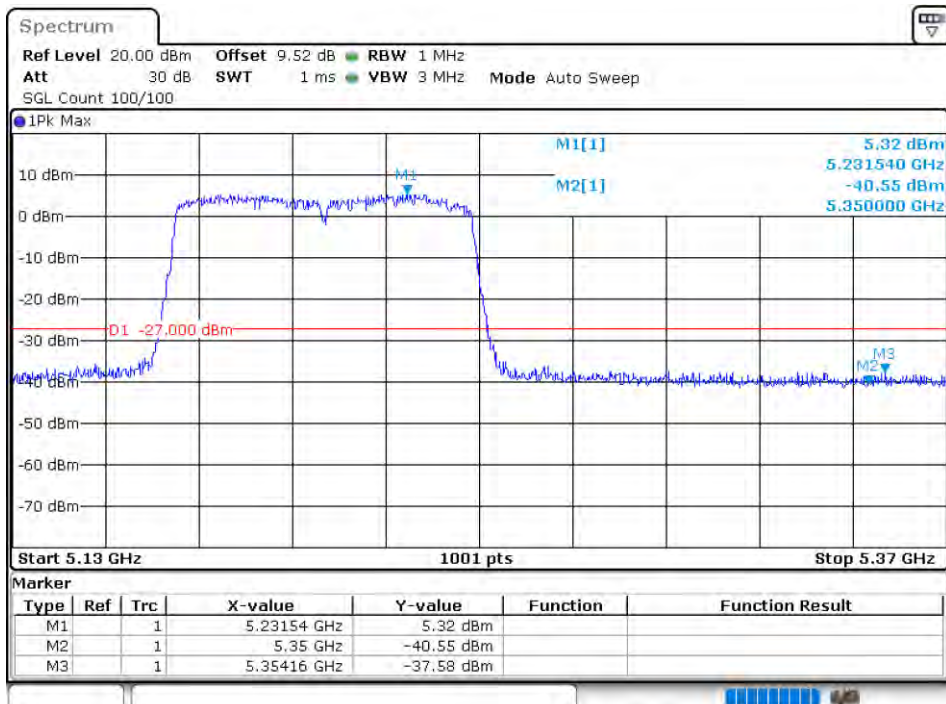
Band Edge NVNT ac40 5230MHz High Ant2



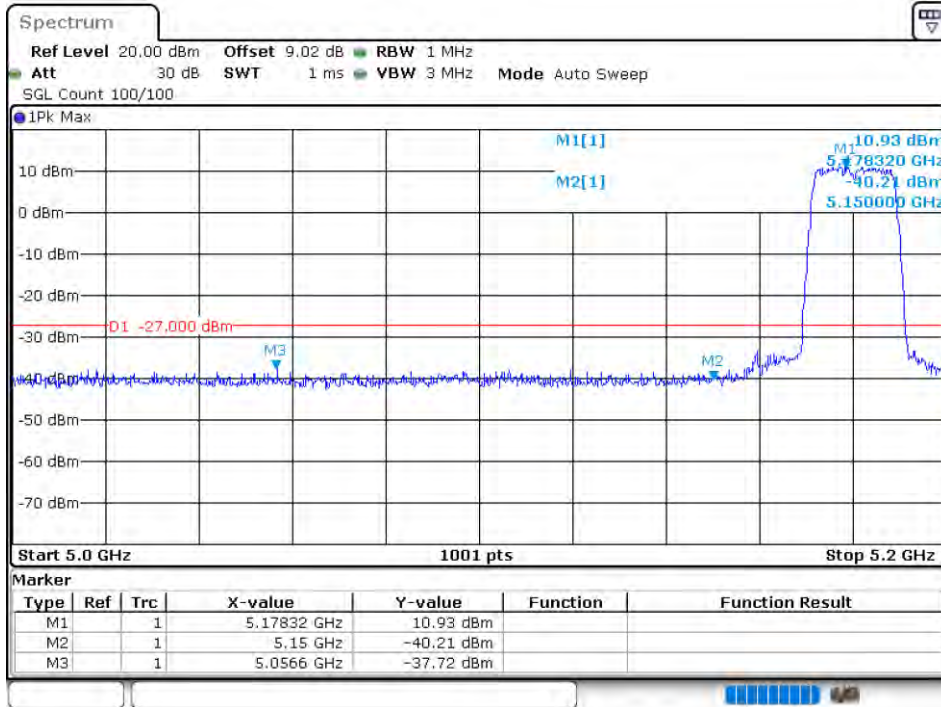
Band Edge NVNT ac80 5210MHz High Ant1



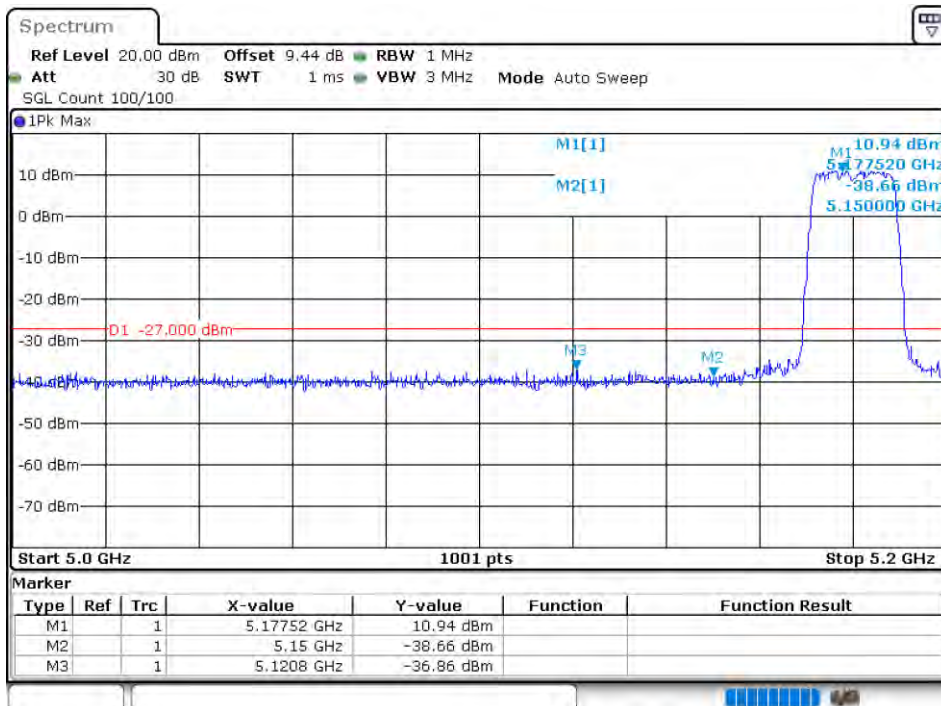
Band Edge NVNT ac80 5210MHz High Ant2



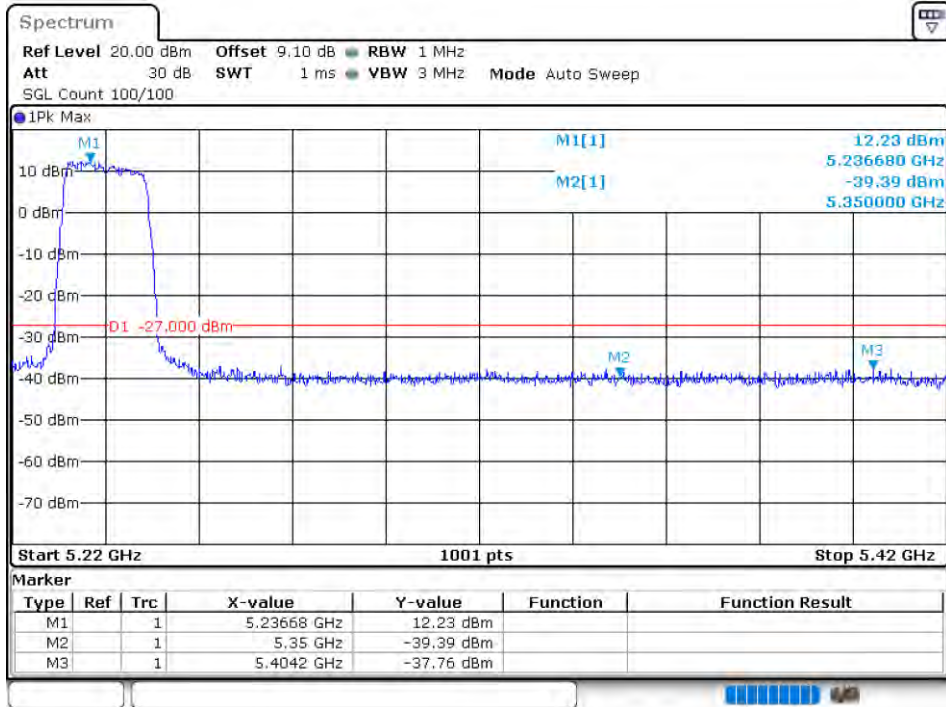
Band Edge NVNT n20 5180MHz Low Ant1



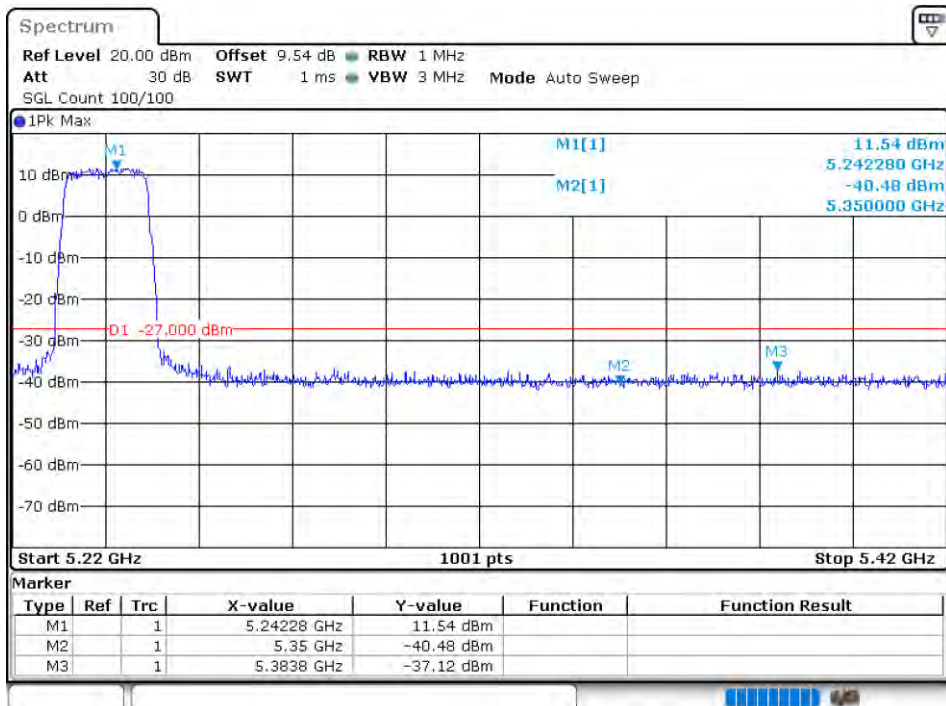
Band Edge NVNT n20 5180MHz Low Ant2



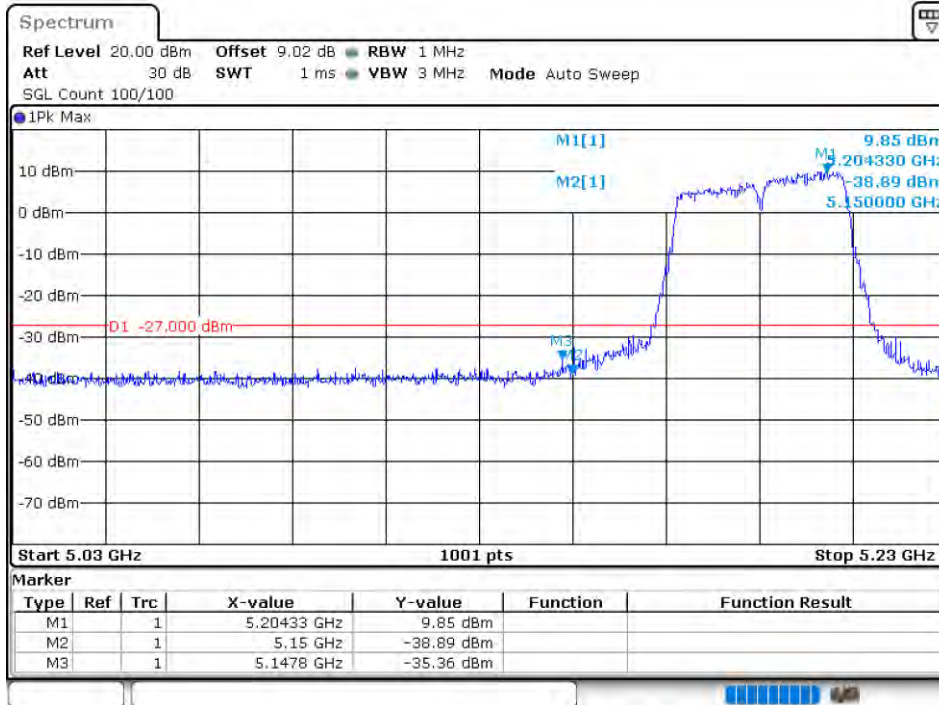
Band Edge NVNT n20 5240MHz High Ant1



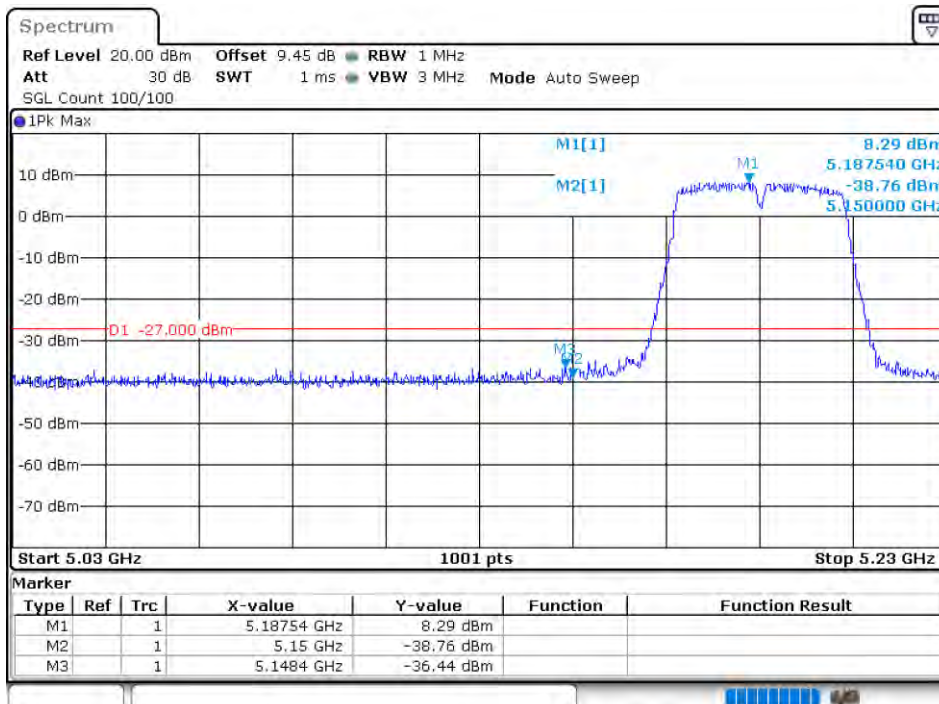
Band Edge NVNT n20 5240MHz High Ant2



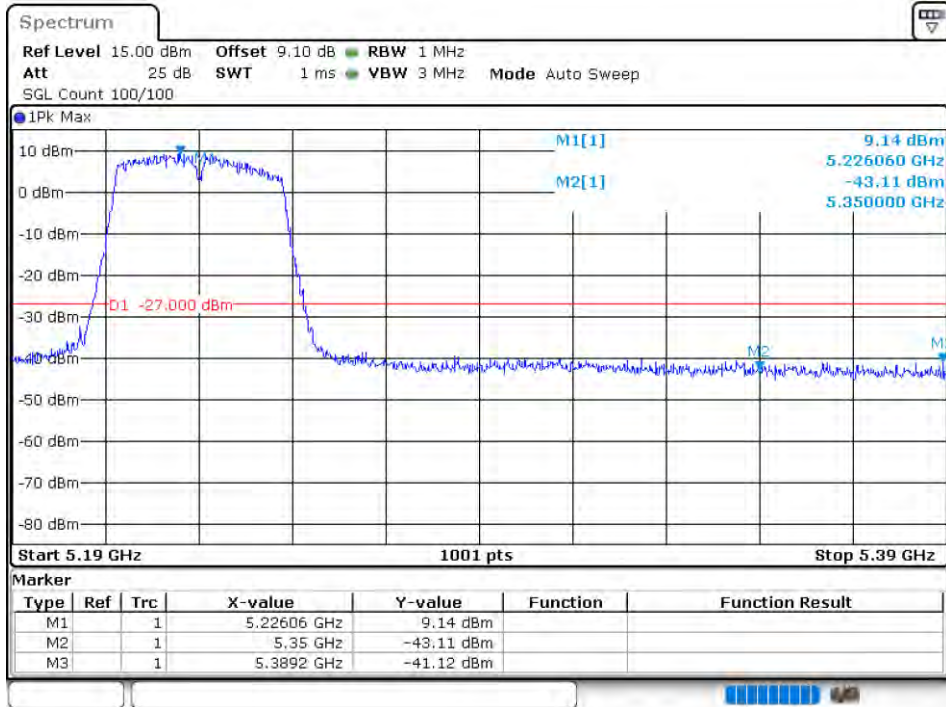
Band Edge NVNT n40 5190MHz Low Ant1



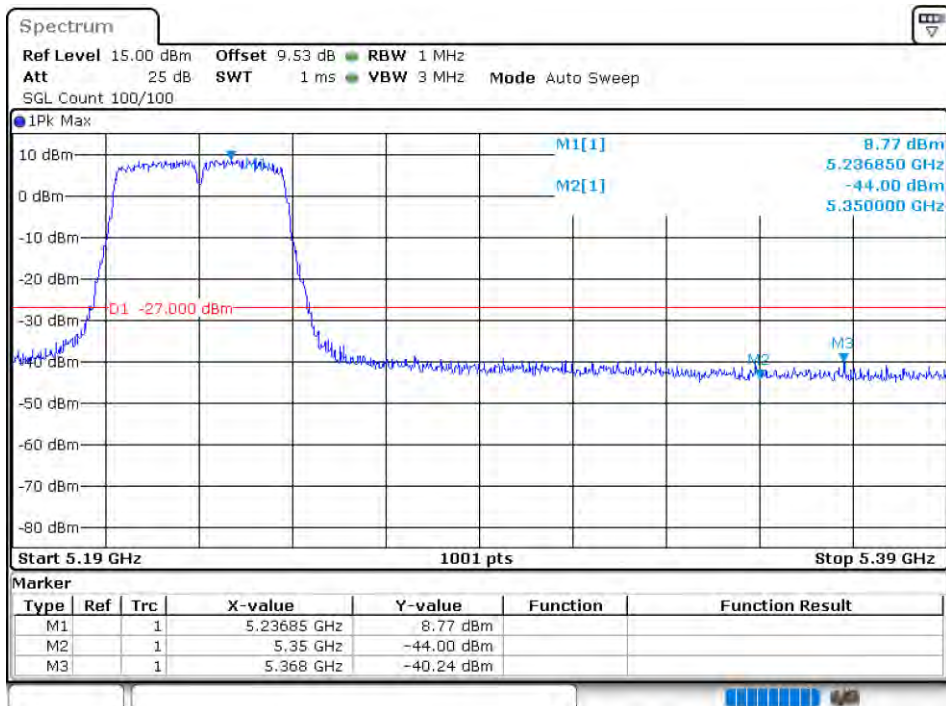
Band Edge NVNT n40 5190MHz Low Ant2



Band Edge NVNT n40 5230MHz High Ant1



Band Edge NVNT n40 5230MHz High Ant2



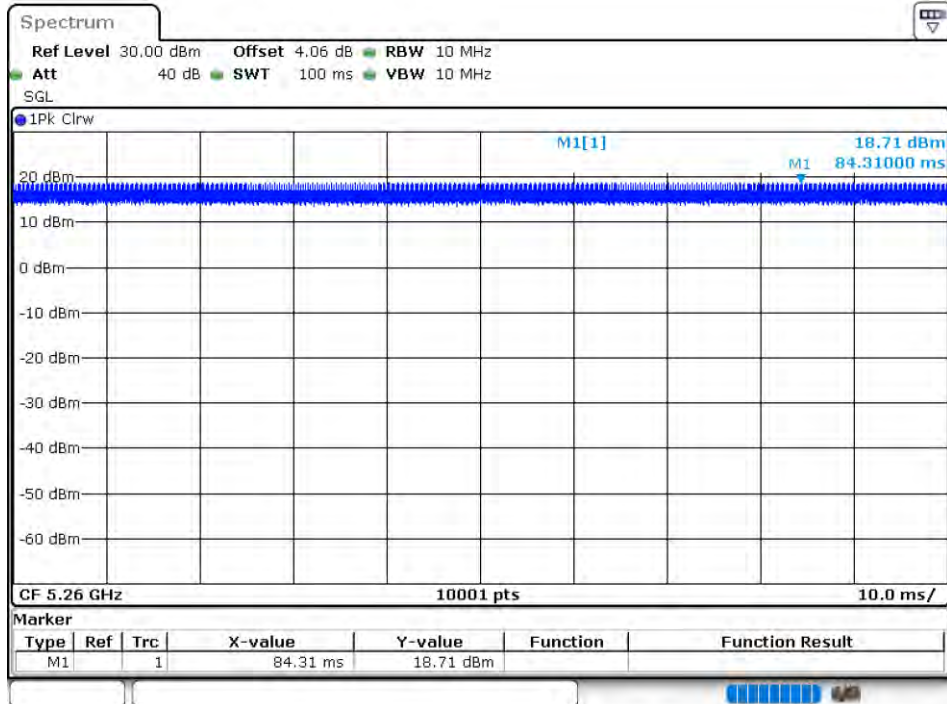
5.3G WIFI

Duty Cycle

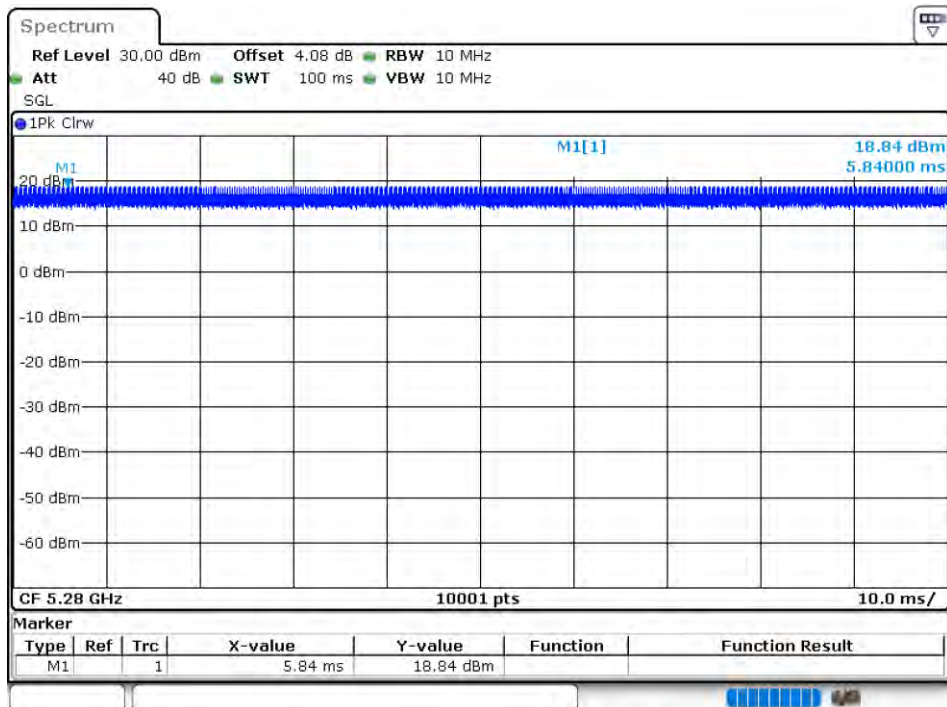
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant0	100	0	0
NVNT	a	5280	Ant0	100	0	0
NVNT	a	5320	Ant0	100	0	0
NVNT	a	5260	Ant1	100	0	0
NVNT	a	5280	Ant1	100	0	0
NVNT	a	5320	Ant1	100	0	0
NVNT	n20	5260	Ant0	100	0	0
NVNT	n20	5280	Ant0	100	0	0
NVNT	n20	5320	Ant0	100	0	0
NVNT	n20	5260	Ant1	100	0	0
NVNT	n20	5280	Ant1	100	0	0
NVNT	n20	5320	Ant1	100	0	0
NVNT	n40	5270	Ant0	100	0	0
NVNT	n40	5310	Ant0	100	0	0
NVNT	n40	5270	Ant1	100	0	0
NVNT	n40	5310	Ant1	100	0	0
NVNT	ac20	5260	Ant0	100	0	0
NVNT	ac20	5280	Ant0	100	0	0
NVNT	ac20	5320	Ant0	100	0	0
NVNT	ac20	5260	Ant1	100	0	0
NVNT	ac20	5280	Ant1	100	0	0
NVNT	ac20	5320	Ant1	100	0	0
NVNT	ac40	5270	Ant0	100	0	0
NVNT	ac40	5310	Ant0	100	0	0
NVNT	ac40	5270	Ant1	100	0	0
NVNT	ac40	5310	Ant1	100	0	0
NVNT	ac80	5290	Ant0	100	0	0
NVNT	ac80	5290	Ant1	100	0	0

Test Graphs

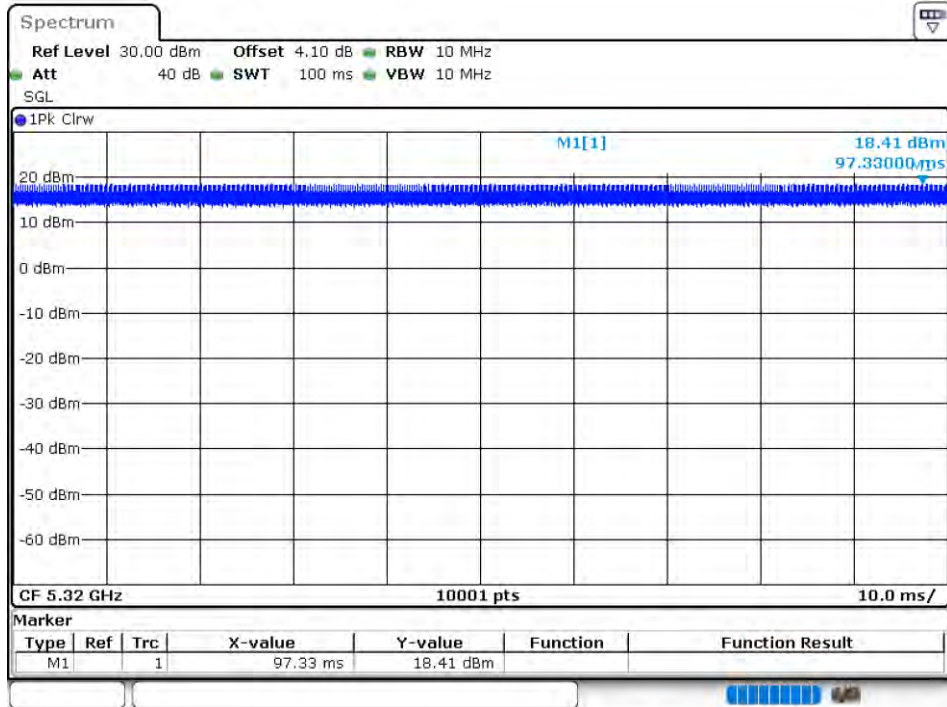
Duty Cycle NVNT a 5260MHz Ant0



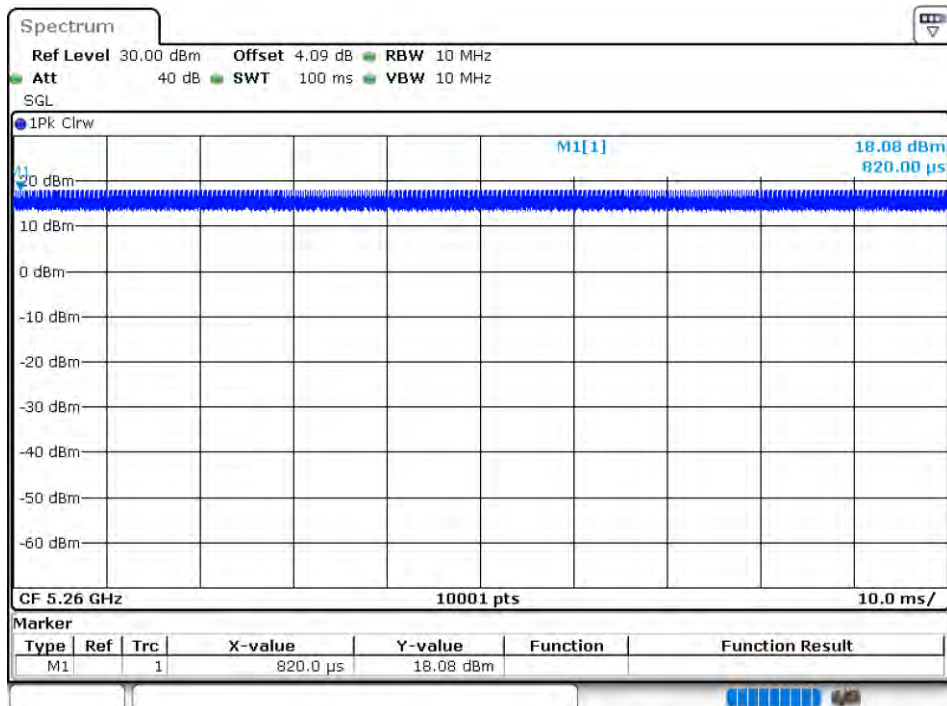
Duty Cycle NVNT a 5280MHz Ant0



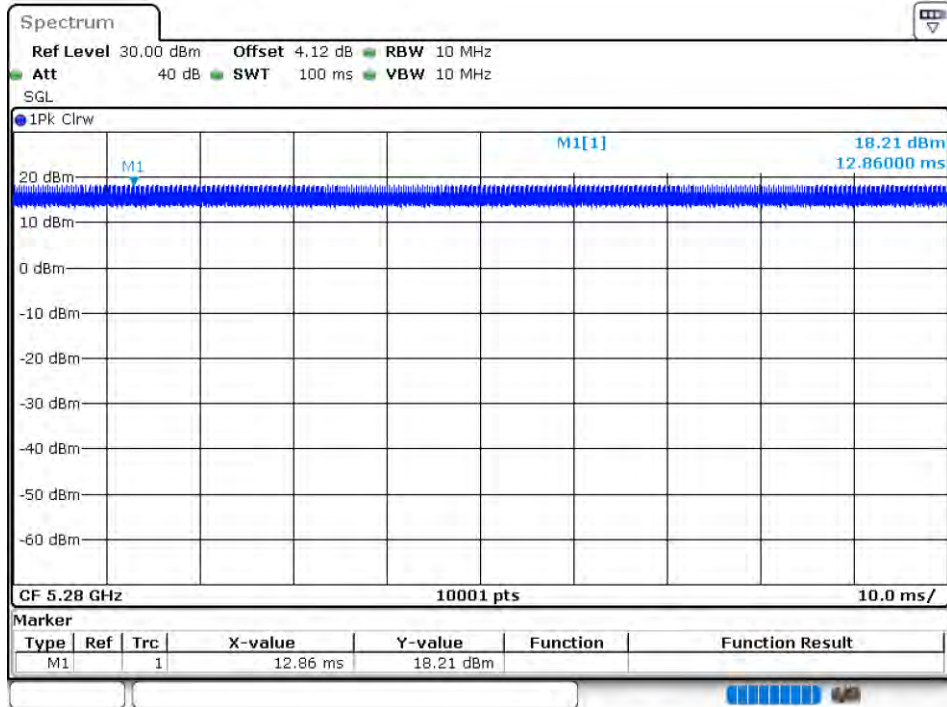
Duty Cycle NVNT a 5320MHz Ant0



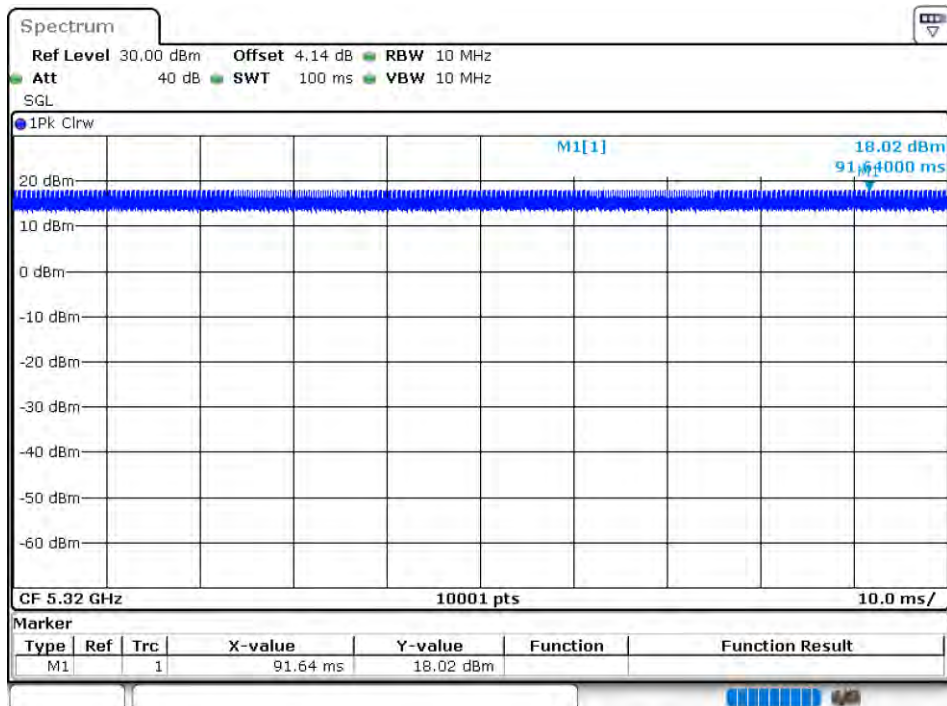
Duty Cycle NVNT a 5260MHz Ant1

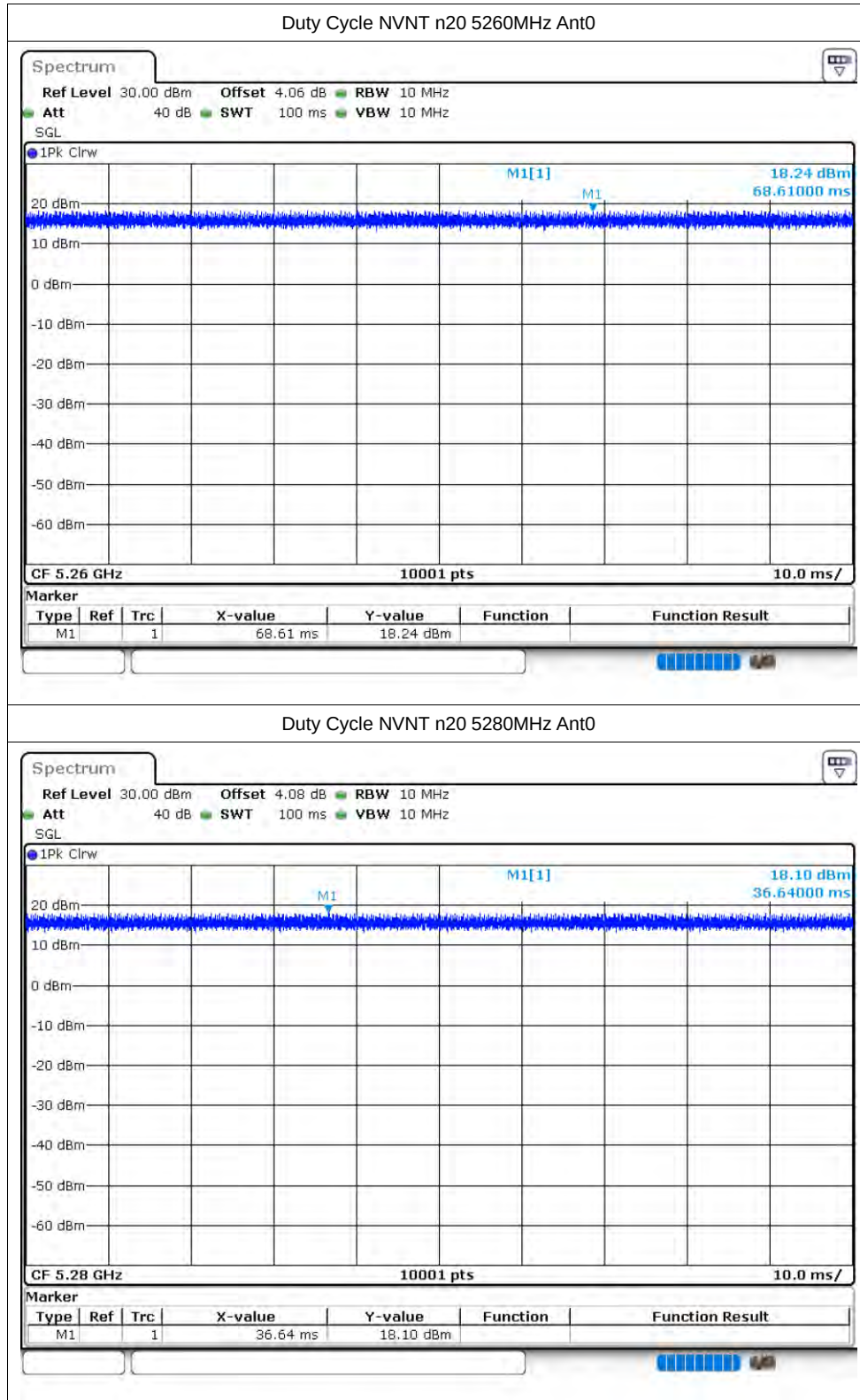


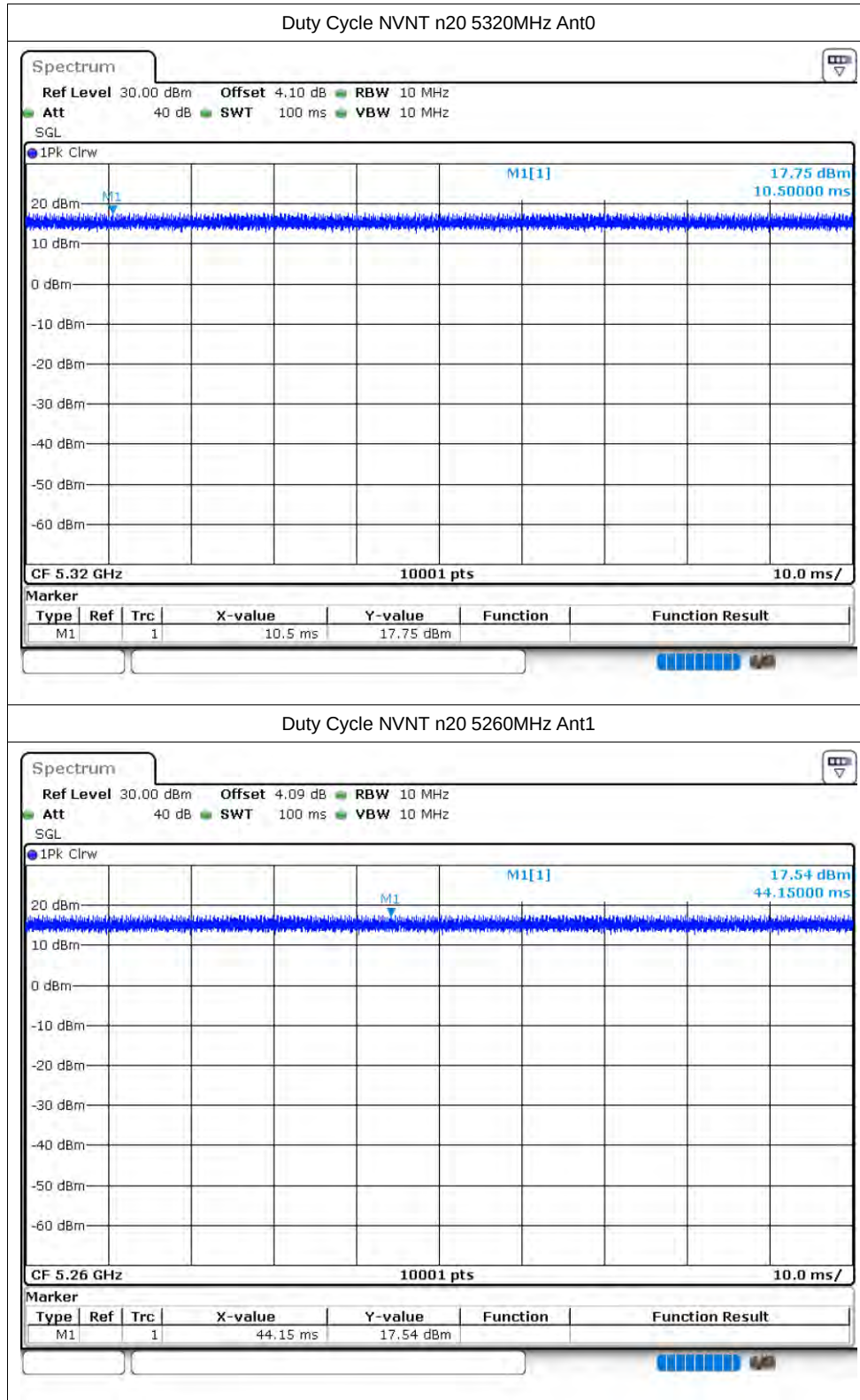
Duty Cycle NVNT a 5280MHz Ant1

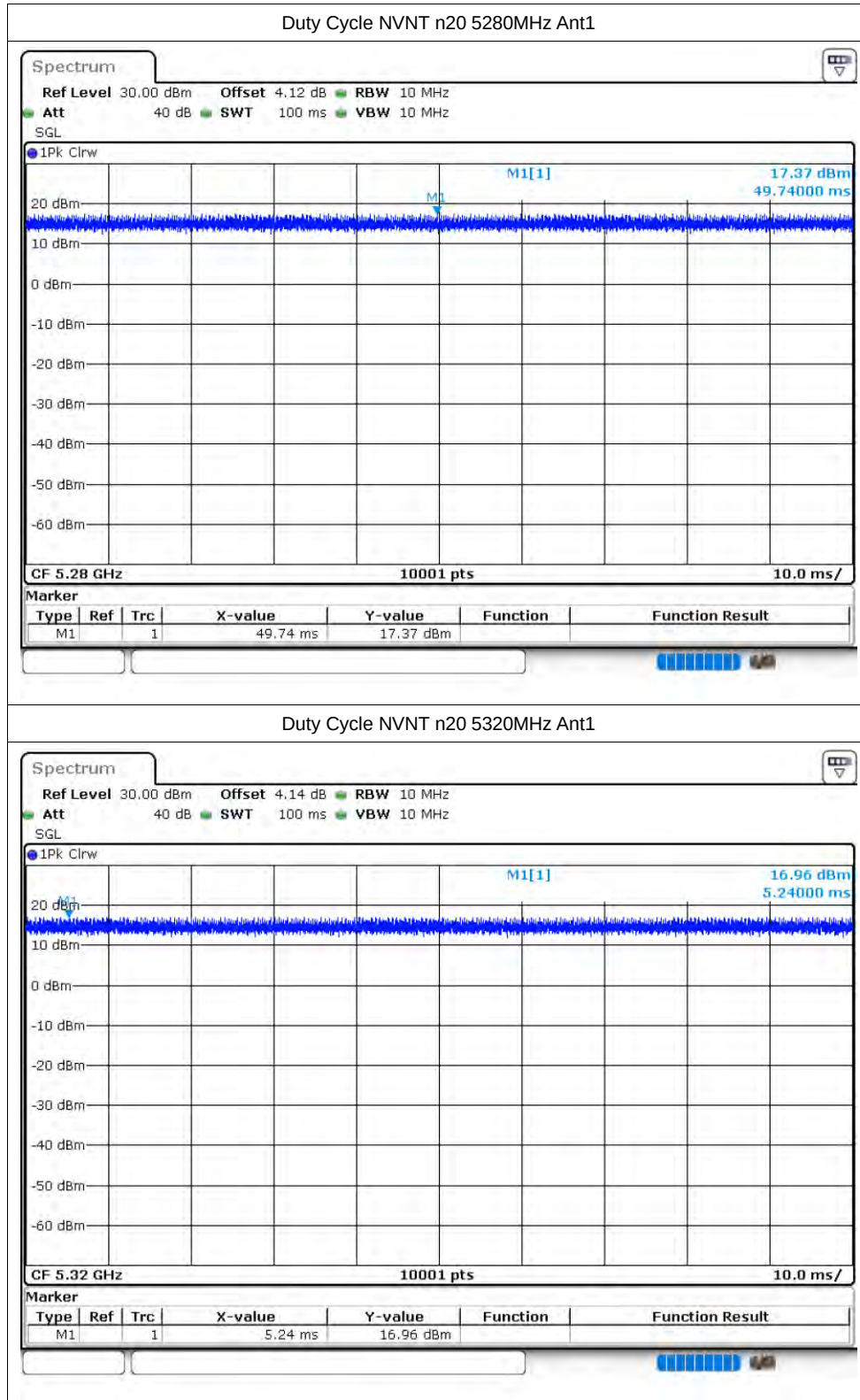


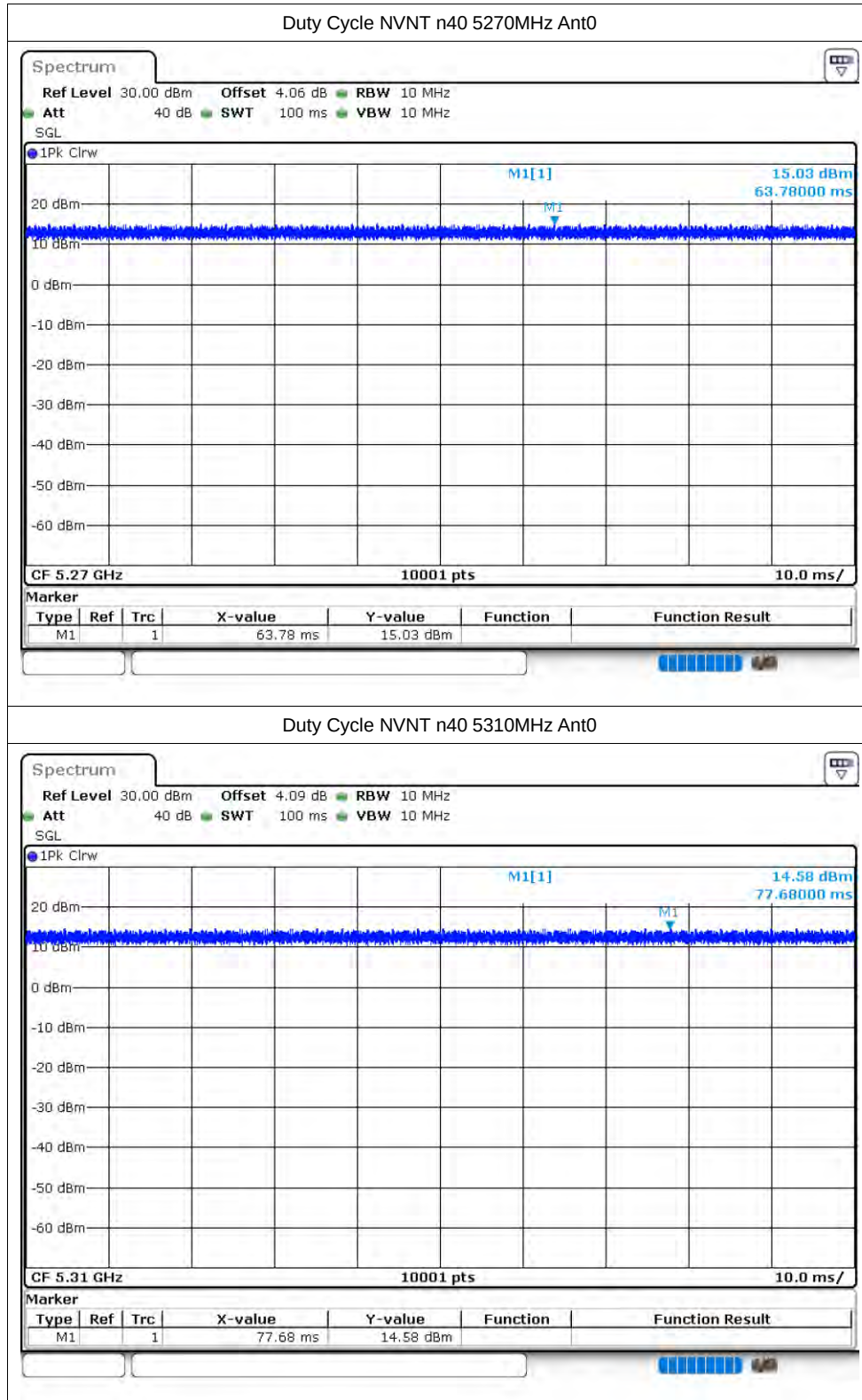
Duty Cycle NVNT a 5320MHz Ant1



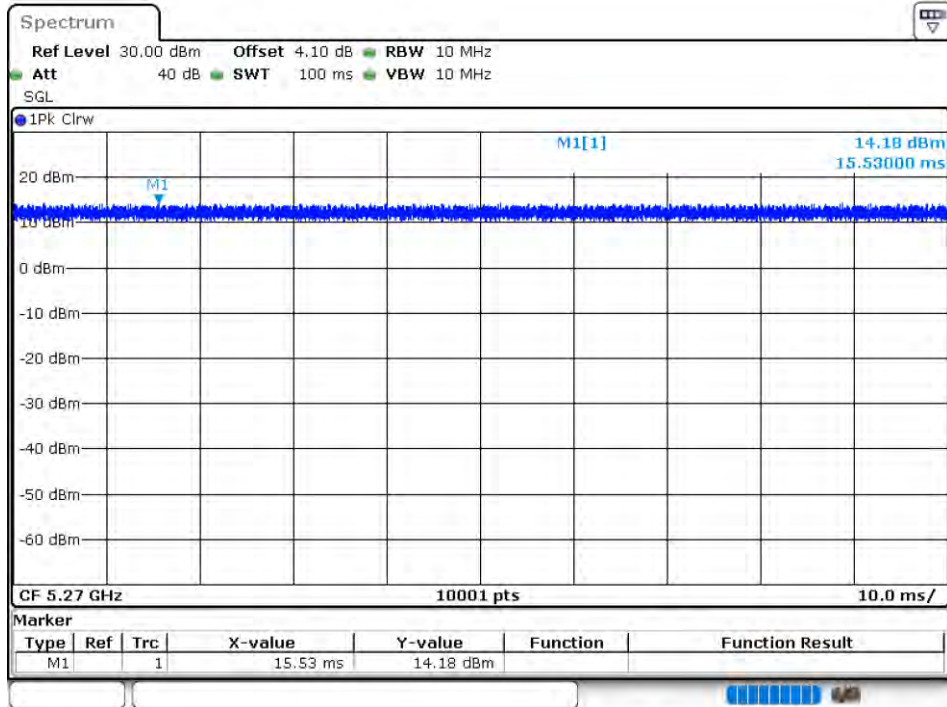




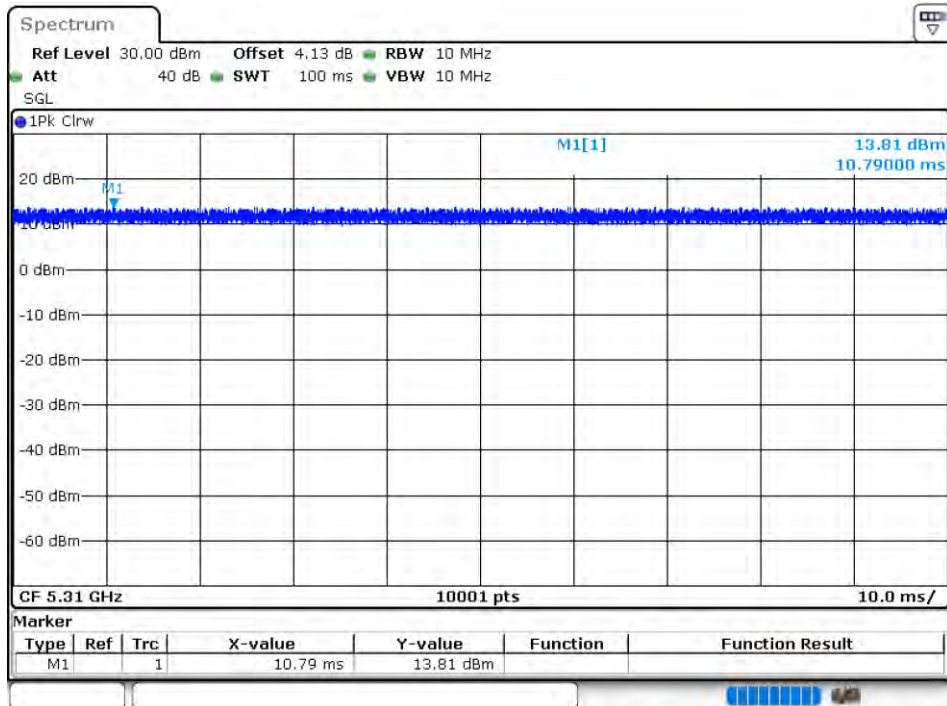


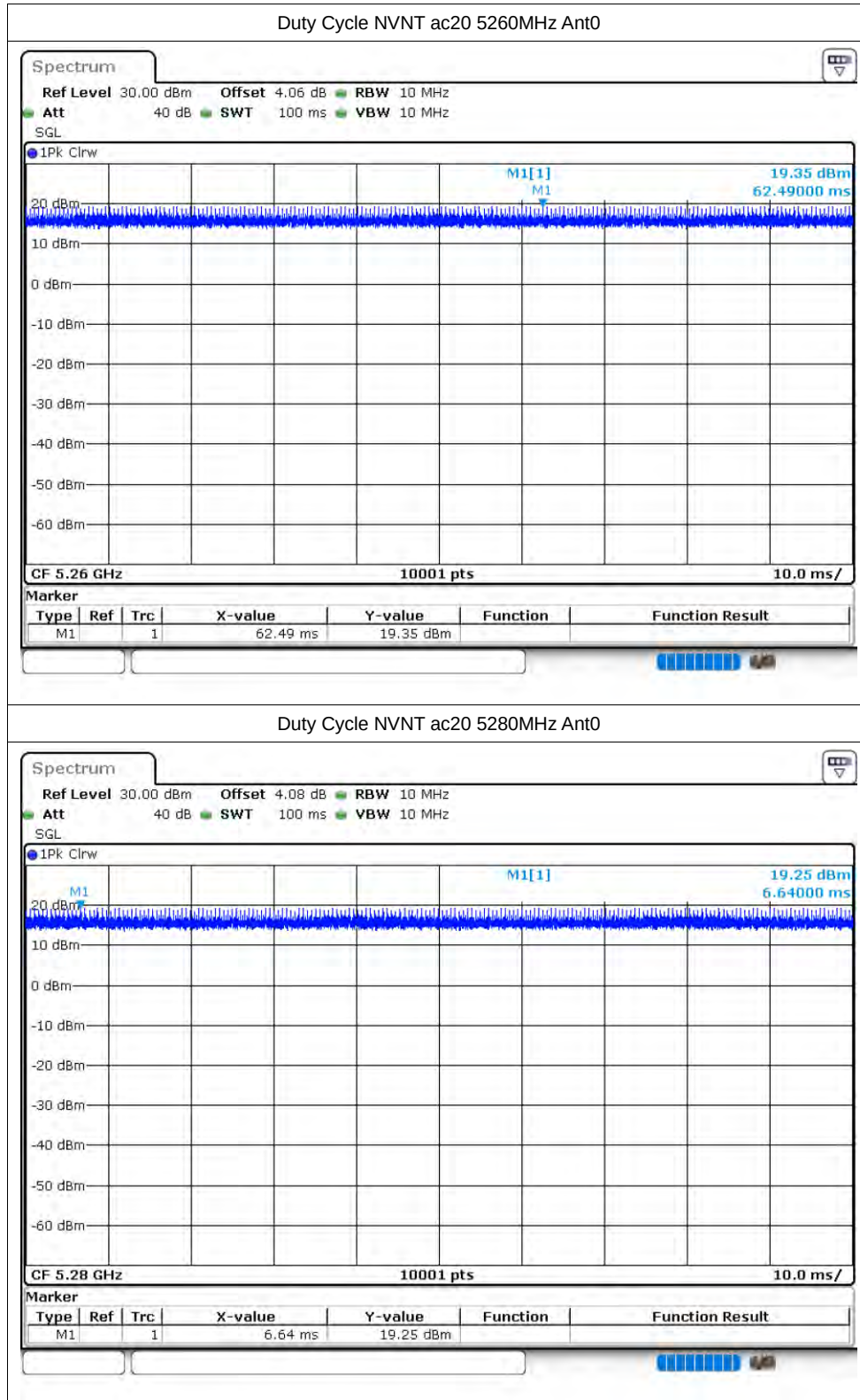


Duty Cycle NVNT n40 5270MHz Ant1

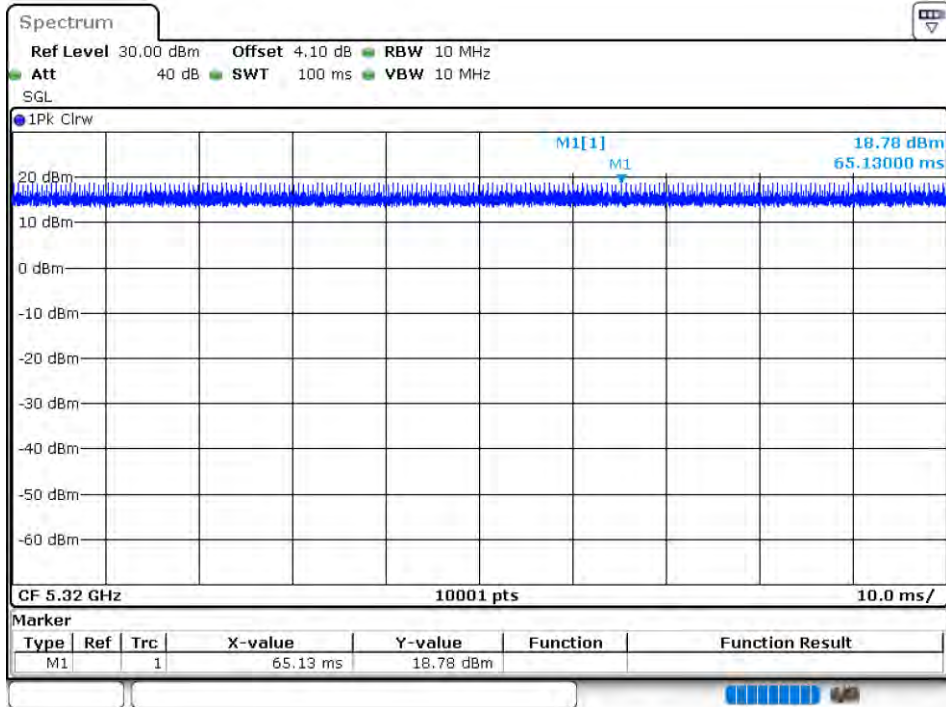


Duty Cycle NVNT n40 5310MHz Ant1

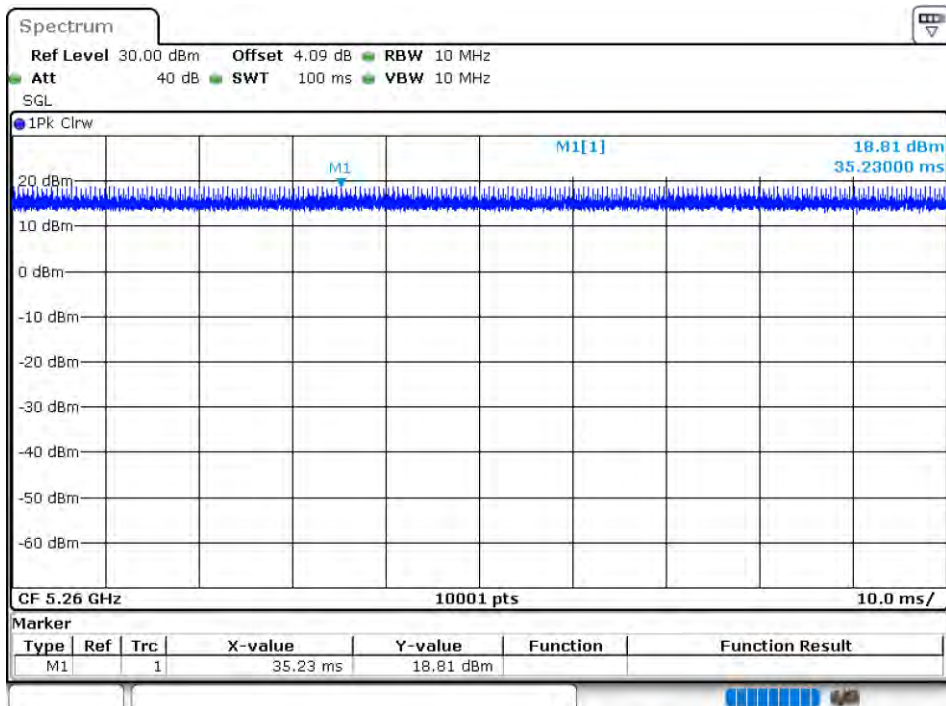




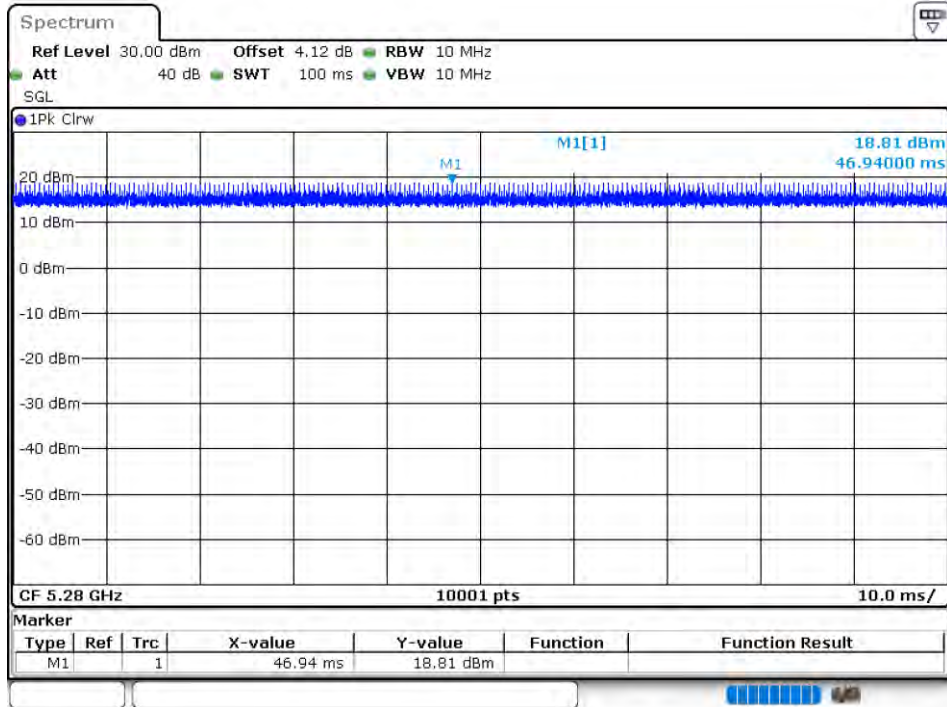
Duty Cycle NVNT ac20 5320MHz Ant0



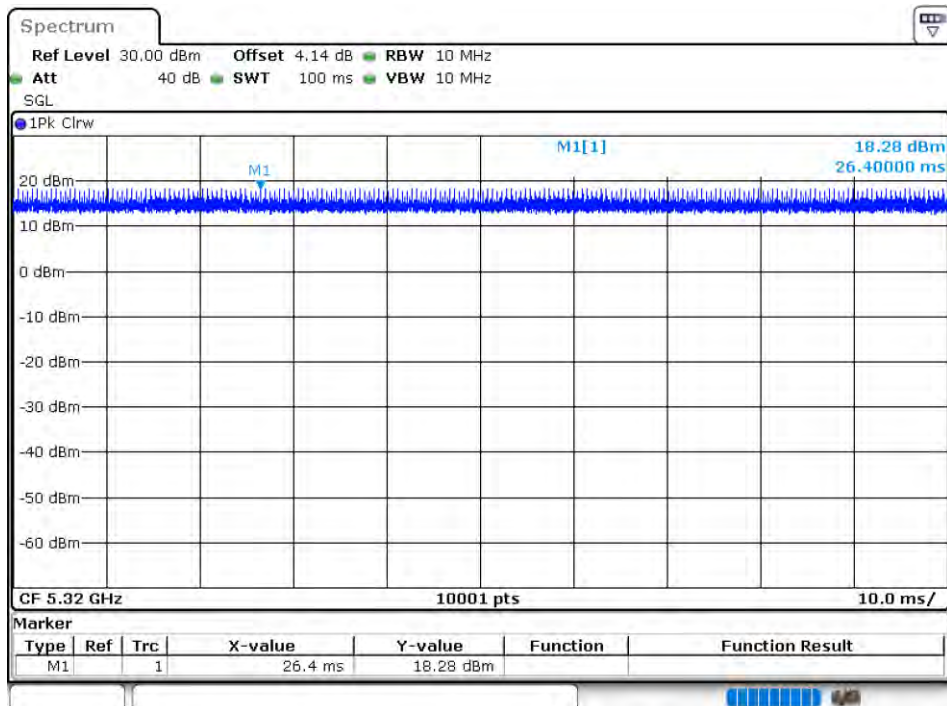
Duty Cycle NVNT ac20 5260MHz Ant1

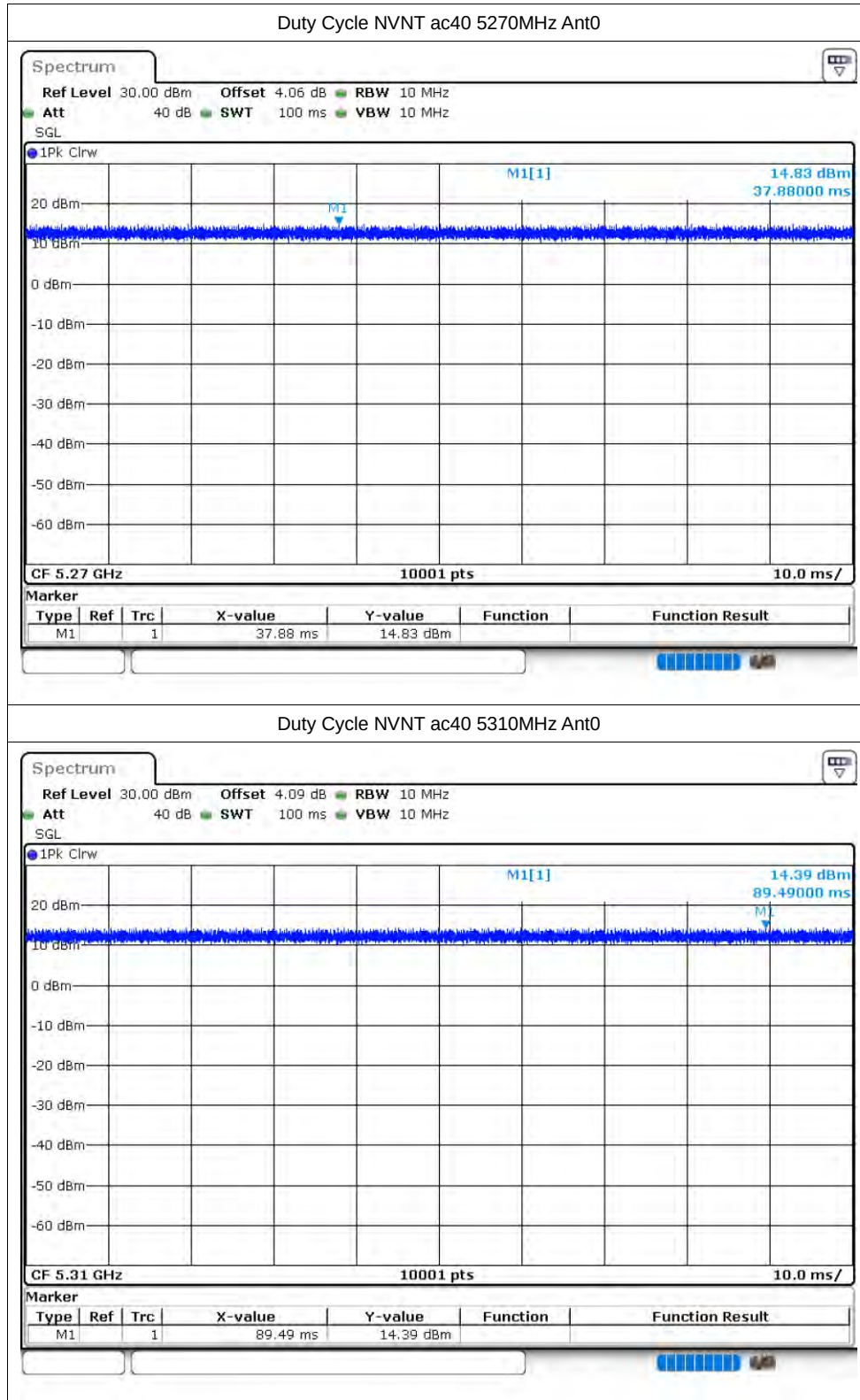


Duty Cycle NVNT ac20 5280MHz Ant1

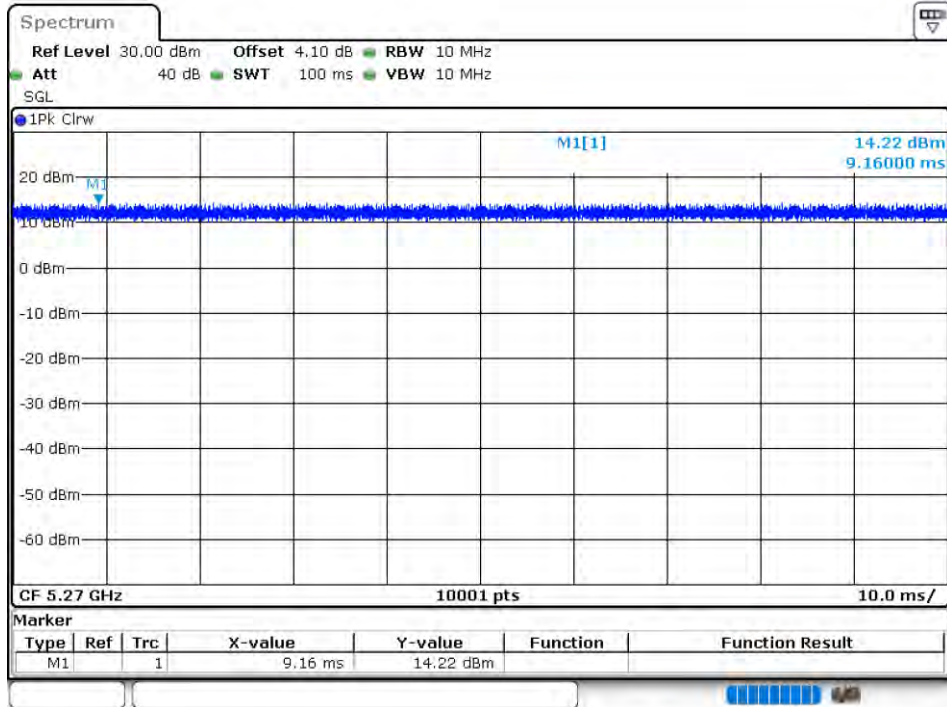


Duty Cycle NVNT ac20 5320MHz Ant1

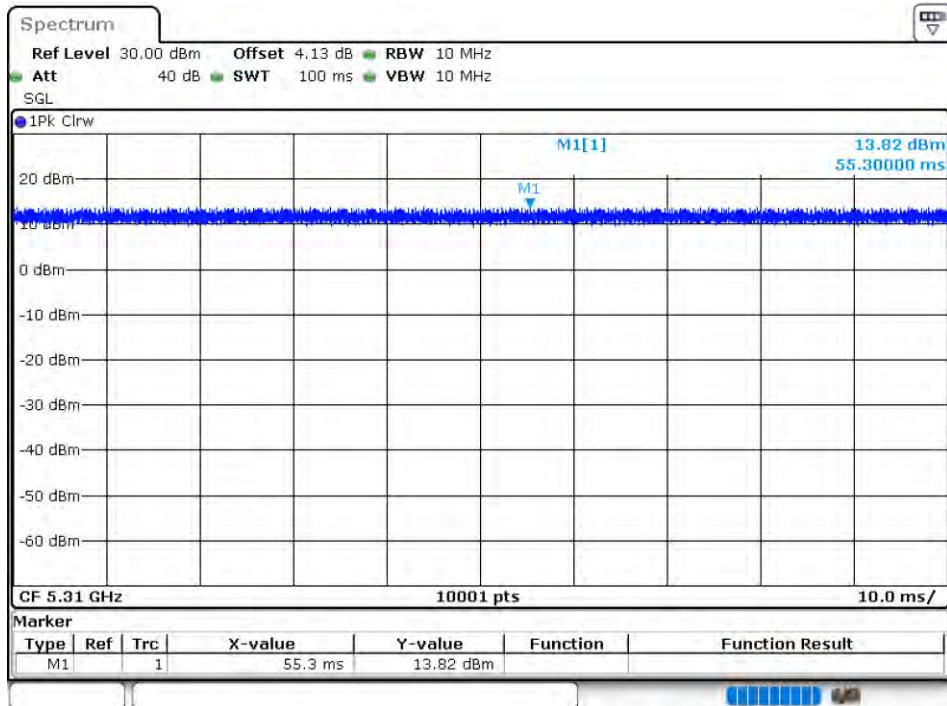




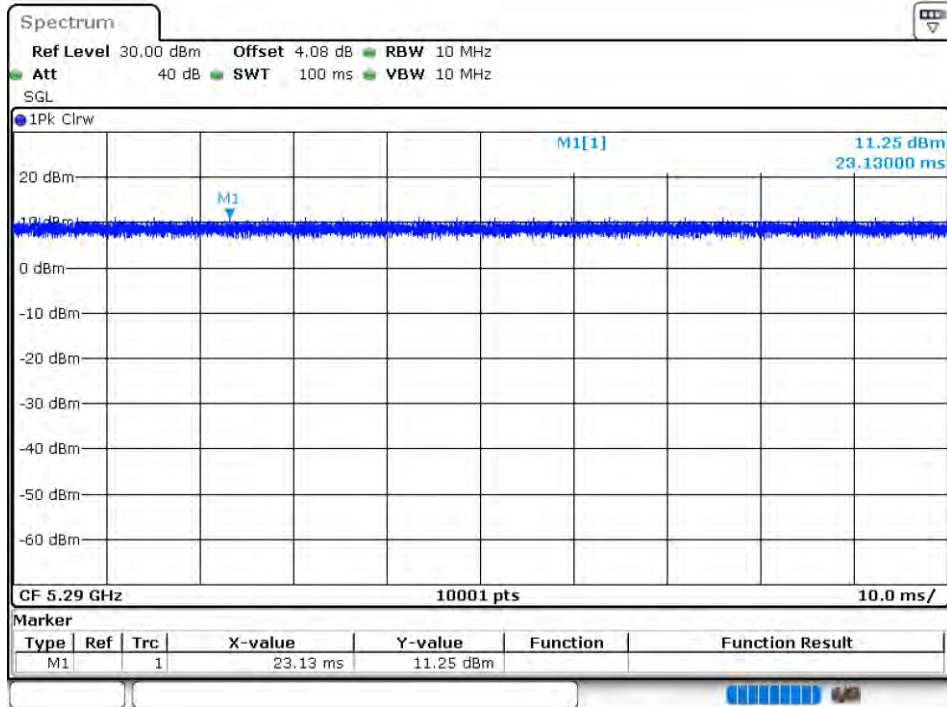
Duty Cycle NVNT ac40 5270MHz Ant1



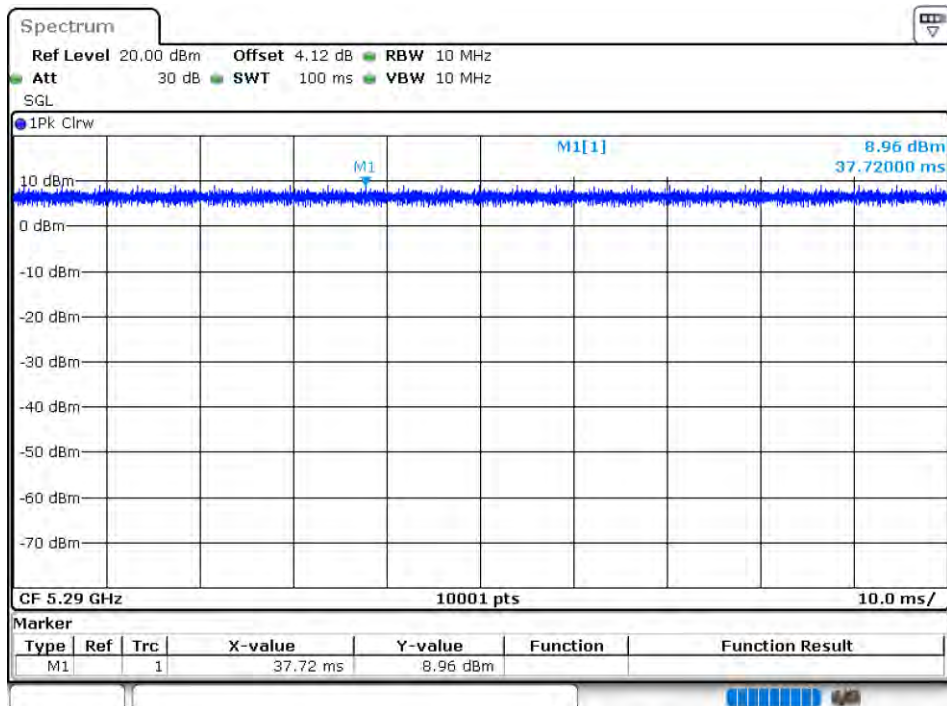
Duty Cycle NVNT ac40 5310MHz Ant1



Duty Cycle NVNT ac80 5290MHz Ant0



Duty Cycle NVNT ac80 5290MHz Ant1



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant0	11.66	23.72	Pass
NVNT	a	5280	Ant0	11.87	23.68	Pass
NVNT	a	5300	Ant0	11.71	23.70	Pass
NVNT	a	5260	Ant1	11.6	23.69	Pass
NVNT	a	5280	Ant1	11.63	23.70	Pass
NVNT	a	5320	Ant1	11.46	23.66	Pass
NVNT	n20	5260	Ant0	11.84	23.92	Pass
NVNT	n20	5280	Ant0	11.96	23.91	Pass
NVNT	n20	5320	Ant0	12.06	23.92	Pass
NVNT	n20	5260	Ant1	11.66	23.90	Pass
NVNT	n20	5280	Ant1	11.48	23.92	Pass
NVNT	n20	5320	Ant1	11.18	23.90	Pass
NVNT	n40	5270	Ant0	11.92	24	Pass
NVNT	n40	5310	Ant0	12	24	Pass
NVNT	n40	5270	Ant1	11.58	24	Pass
NVNT	n40	5310	Ant1	11.1	24	Pass
NVNT	ac20	5260	Ant0	11.82	23.91	Pass
NVNT	ac20	5280	Ant0	11.9	23.89	Pass
NVNT	ac20	5320	Ant0	11.87	23.88	Pass
NVNT	ac20	5260	Ant1	11.7	23.90	Pass
NVNT	ac20	5280	Ant1	11.62	23.91	Pass
NVNT	ac20	5320	Ant1	11.09	23.88	Pass
NVNT	ac40	5270	Ant0	11.73	24	Pass
NVNT	ac40	5310	Ant0	11.77	24	Pass
NVNT	ac40	5270	Ant1	11.46	24	Pass
NVNT	ac40	5310	Ant1	11.07	24	Pass
NVNT	ac80	5290	Ant0	11.15	24	Pass
NVNT	ac80	5290	Ant1	11.34	24	Pass

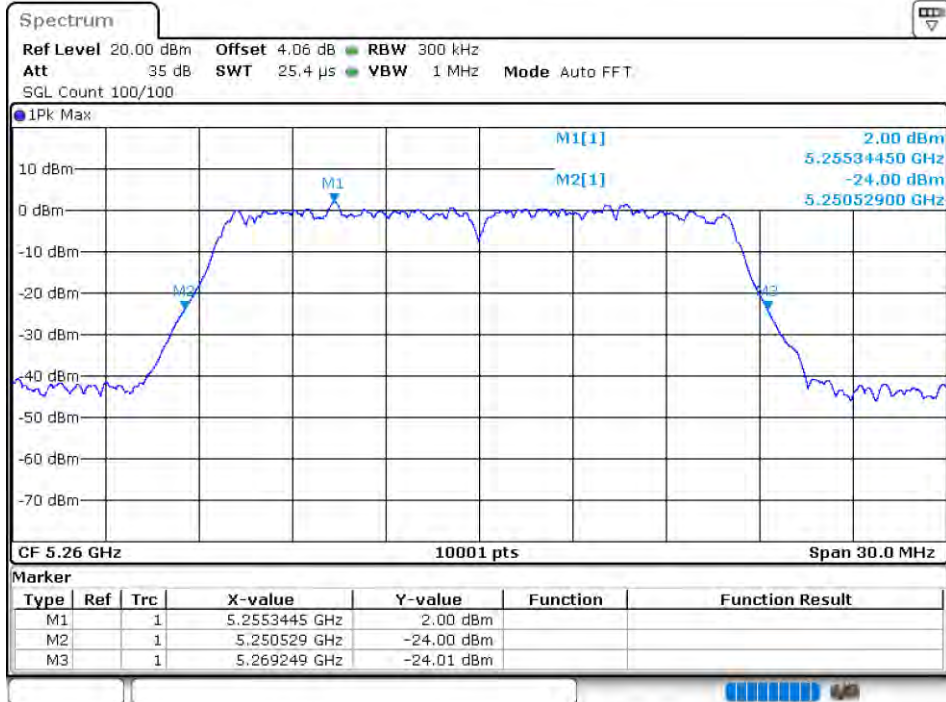
Note: The average power value already includes the duty cycle factor

-26dB Bandwidth

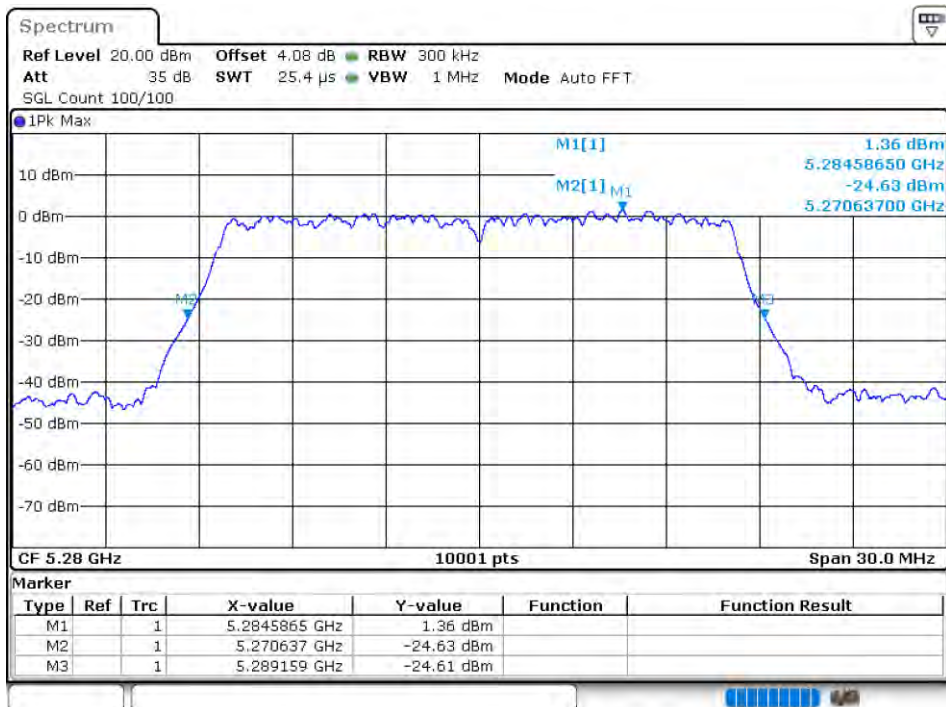
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant0	18.72	Pass
NVNT	a	5280	Ant0	18.522	Pass
NVNT	a	5320	Ant0	18.618	Pass
NVNT	a	5260	Ant1	18.57	Pass
NVNT	a	5280	Ant1	18.633	Pass
NVNT	a	5320	Ant1	18.444	Pass
NVNT	n20	5260	Ant0	19.608	Pass
NVNT	n20	5280	Ant0	19.539	Pass
NVNT	n20	5320	Ant0	19.59	Pass
NVNT	n20	5260	Ant1	19.503	Pass
NVNT	n20	5280	Ant1	19.578	Pass
NVNT	n20	5320	Ant1	19.506	Pass
NVNT	n40	5270	Ant0	41.946	Pass
NVNT	n40	5310	Ant0	41.784	Pass
NVNT	n40	5270	Ant1	41.91	Pass
NVNT	n40	5310	Ant1	41.7	Pass
NVNT	ac20	5260	Ant0	19.551	Pass
NVNT	ac20	5280	Ant0	19.437	Pass
NVNT	ac20	5320	Ant0	19.404	Pass
NVNT	ac20	5260	Ant1	19.518	Pass
NVNT	ac20	5280	Ant1	19.557	Pass
NVNT	ac20	5320	Ant1	19.425	Pass
NVNT	ac40	5270	Ant0	42	Pass
NVNT	ac40	5310	Ant0	42.138	Pass
NVNT	ac40	5270	Ant1	41.91	Pass
NVNT	ac40	5310	Ant1	41.658	Pass
NVNT	ac80	5290	Ant0	81.612	Pass
NVNT	ac80	5290	Ant1	81.468	Pass

Test Graphs

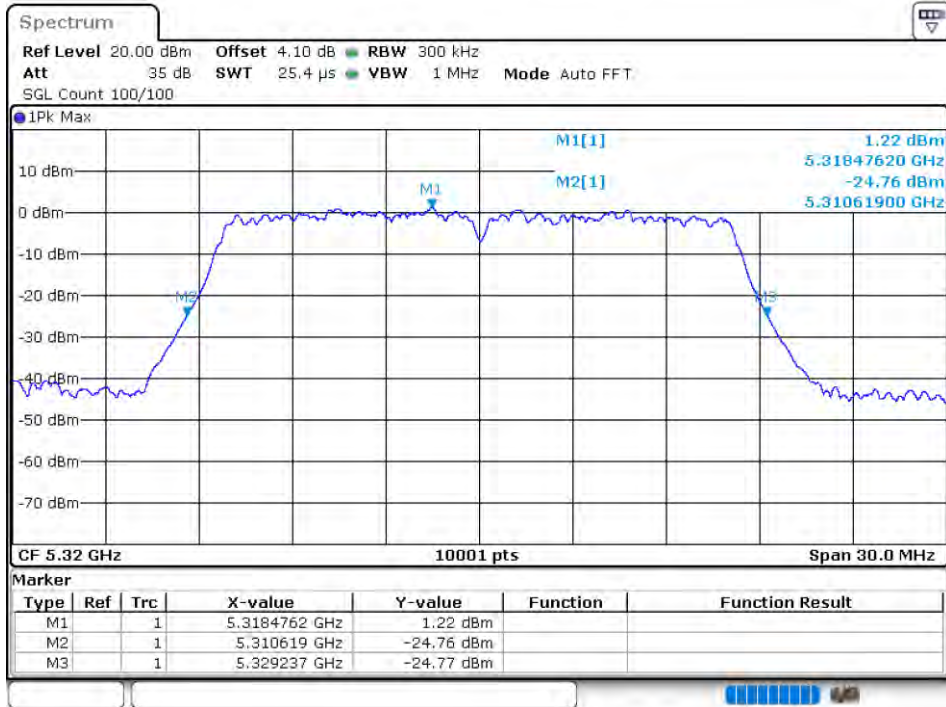
-26dB Bandwidth NVNT a 5260MHz Ant0



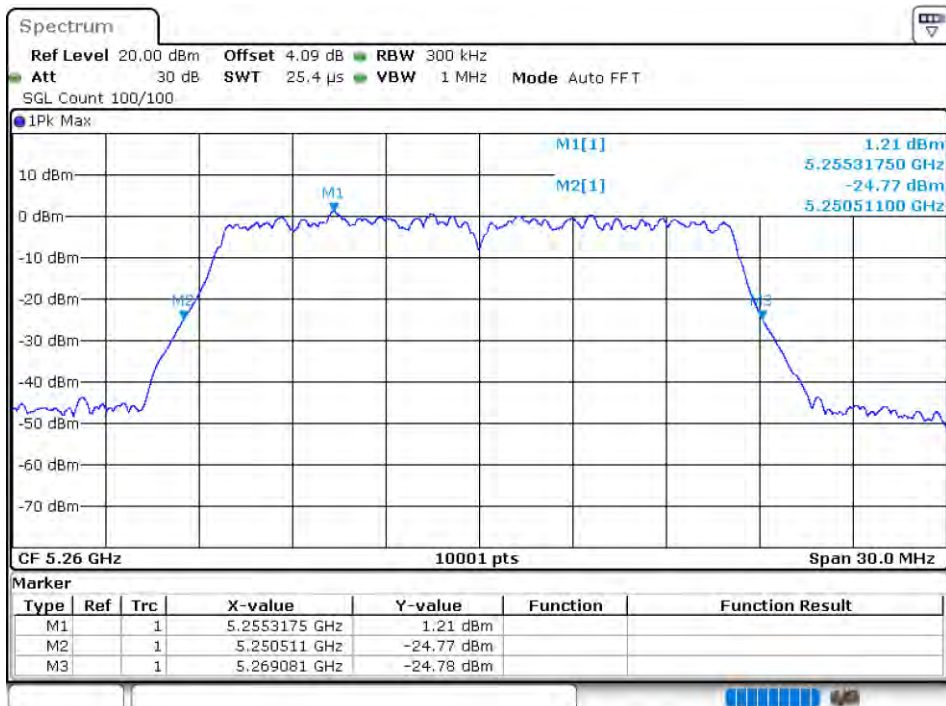
-26dB Bandwidth NVNT a 5280MHz Ant0



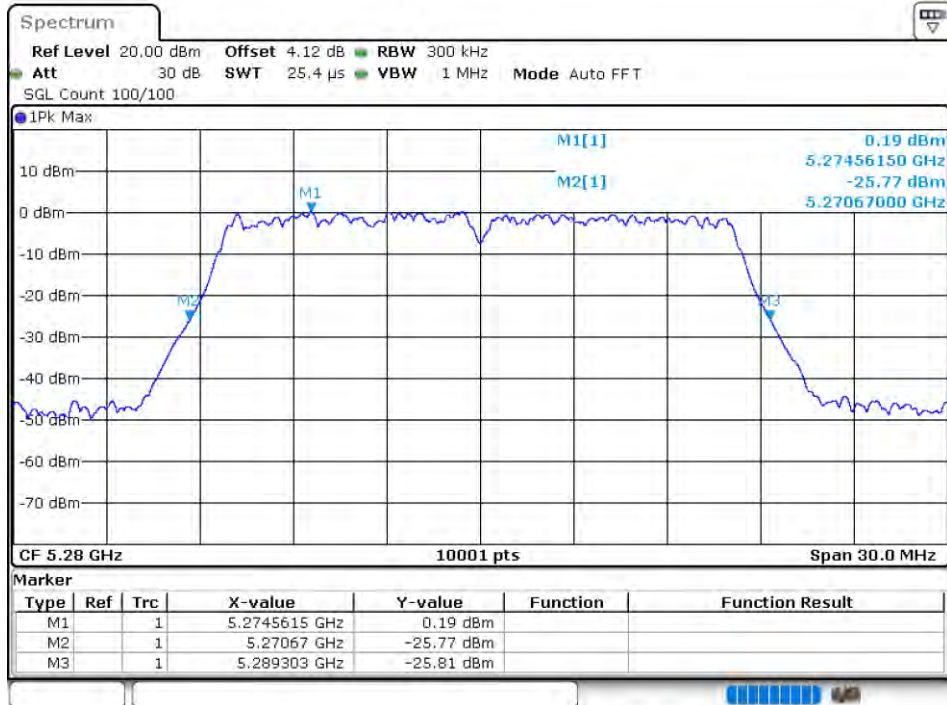
-26dB Bandwidth NVNT a 5320MHz Ant0



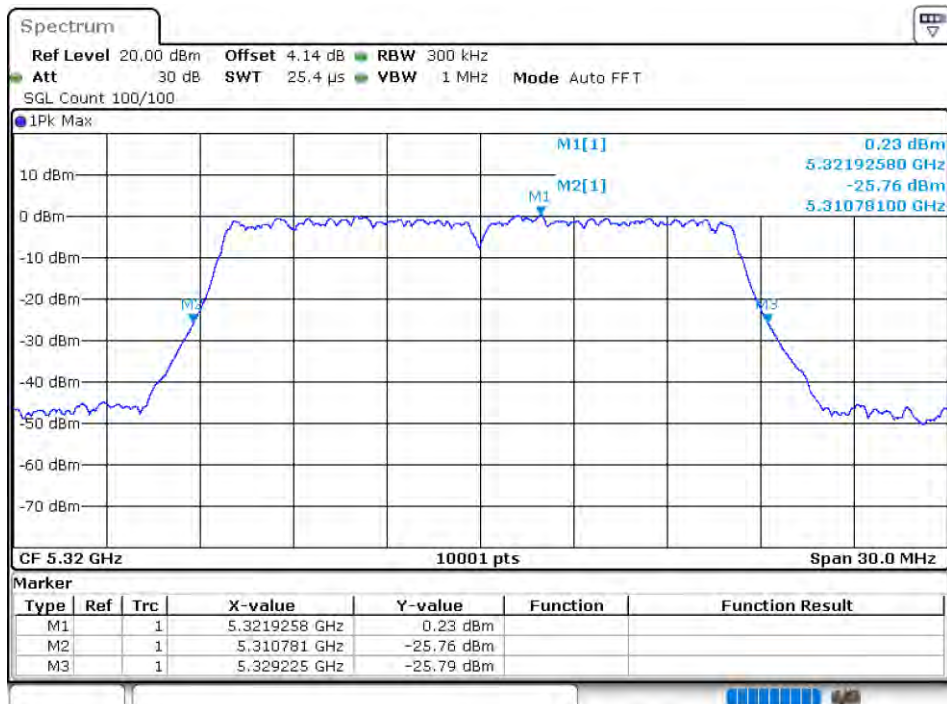
-26dB Bandwidth NVNT a 5260MHz Ant1



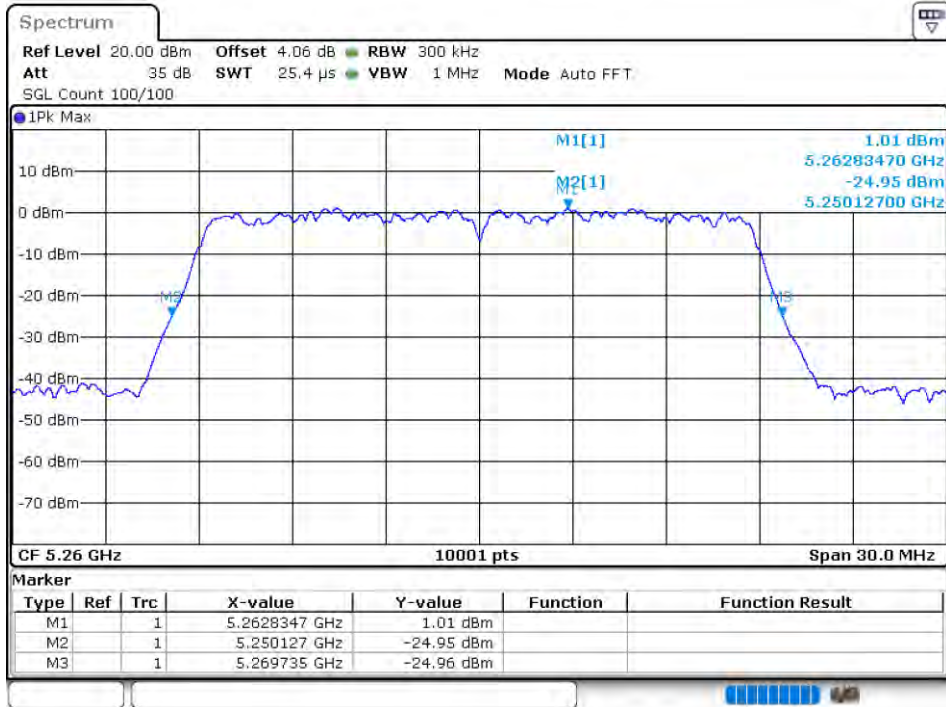
-26dB Bandwidth NVNT a 5280MHz Ant1



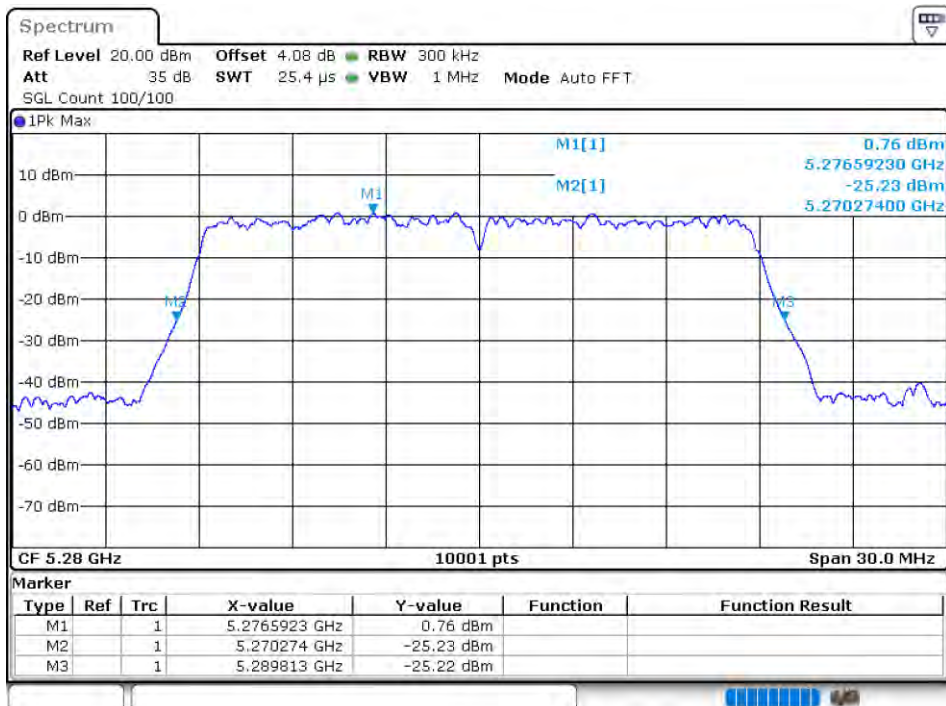
-26dB Bandwidth NVNT a 5320MHz Ant1



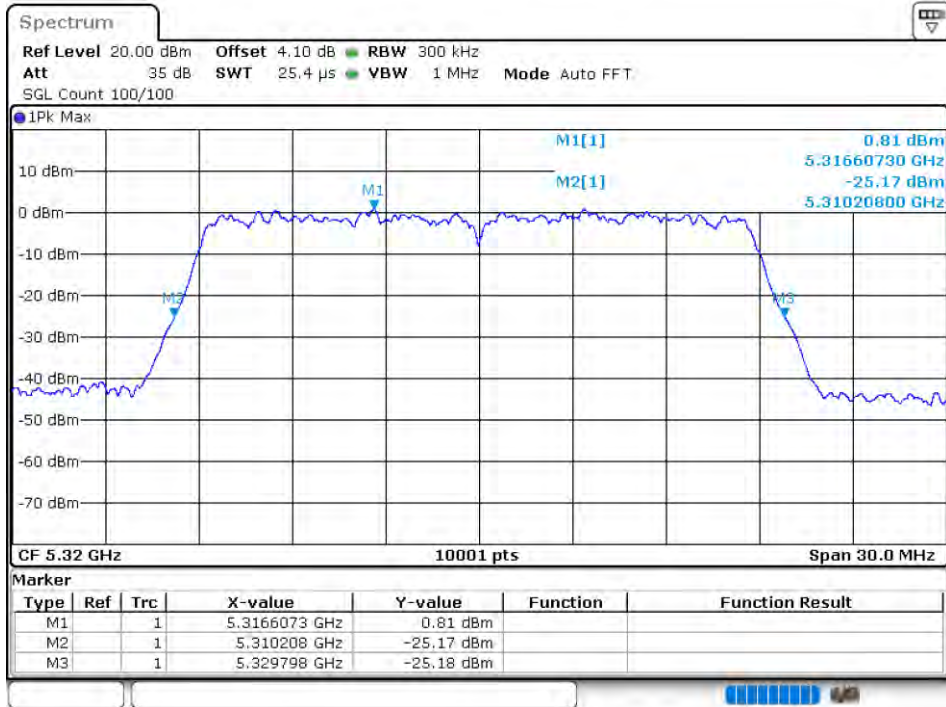
-26dB Bandwidth NVNT n20 5260MHz Ant0



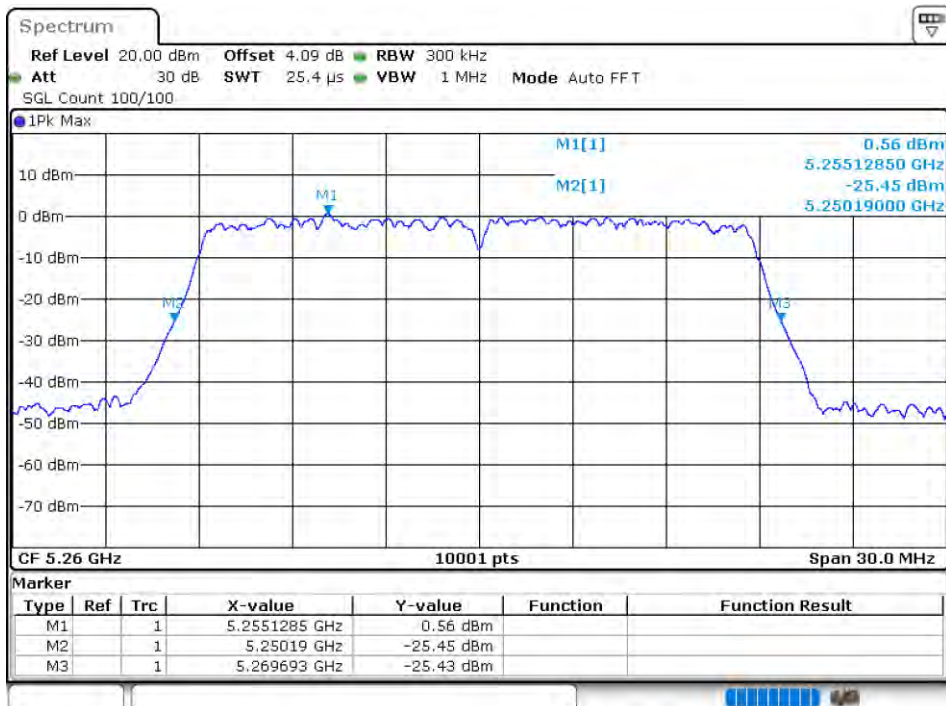
-26dB Bandwidth NVNT n20 5280MHz Ant0



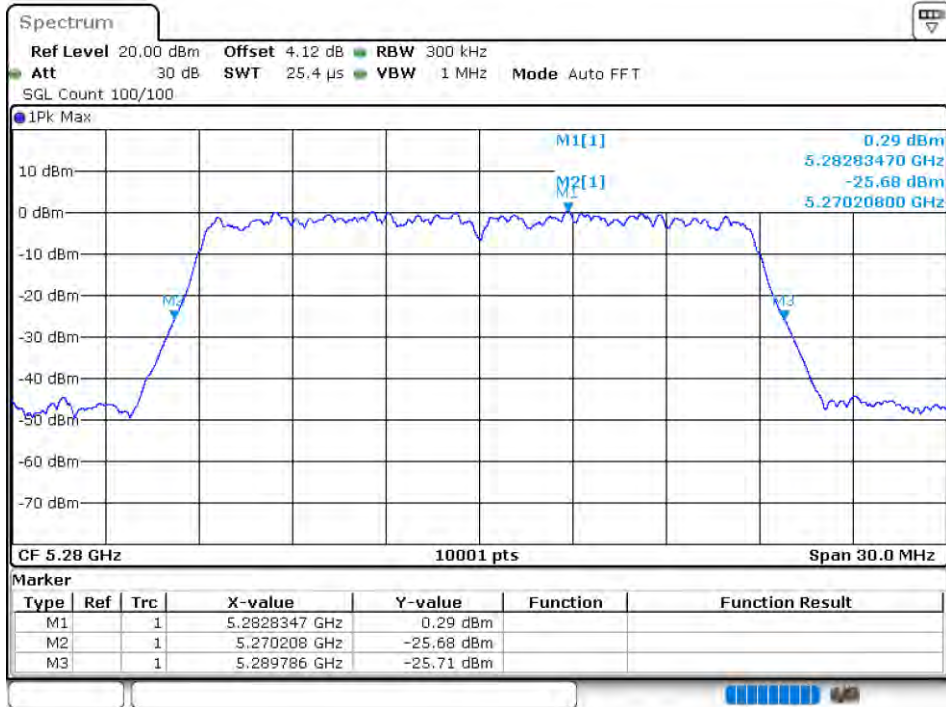
-26dB Bandwidth NVNT n20 5320MHz Ant0



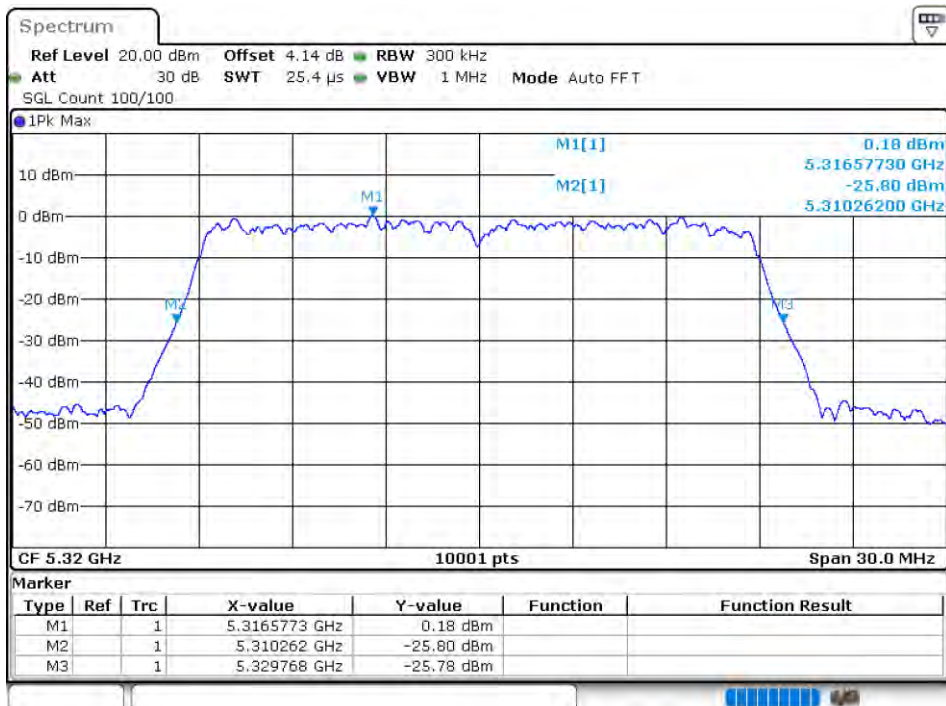
-26dB Bandwidth NVNT n20 5260MHz Ant1



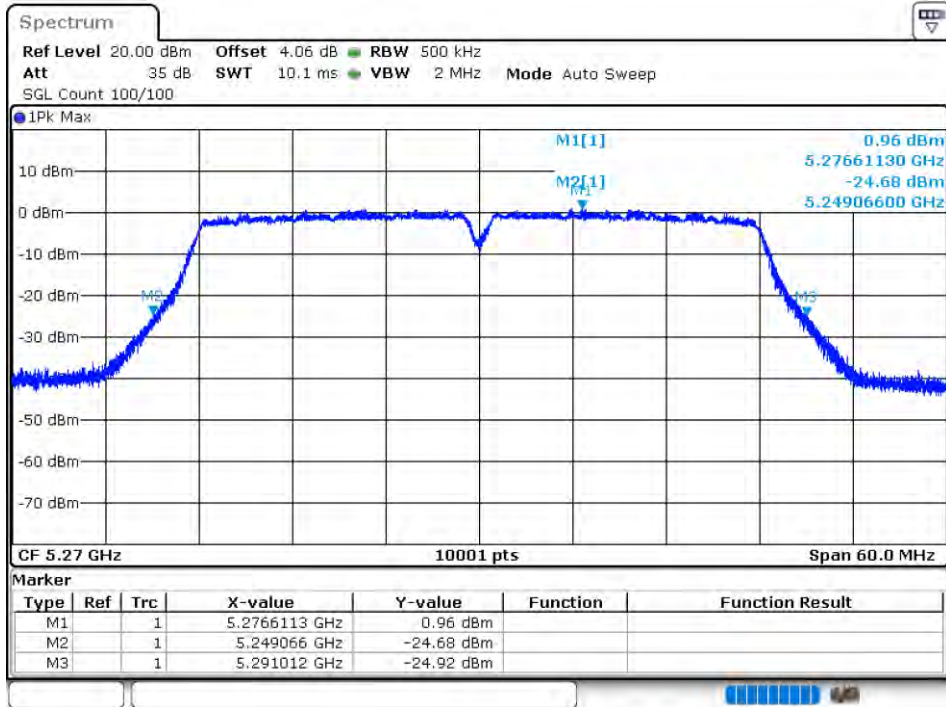
-26dB Bandwidth NVNT n20 5280MHz Ant1



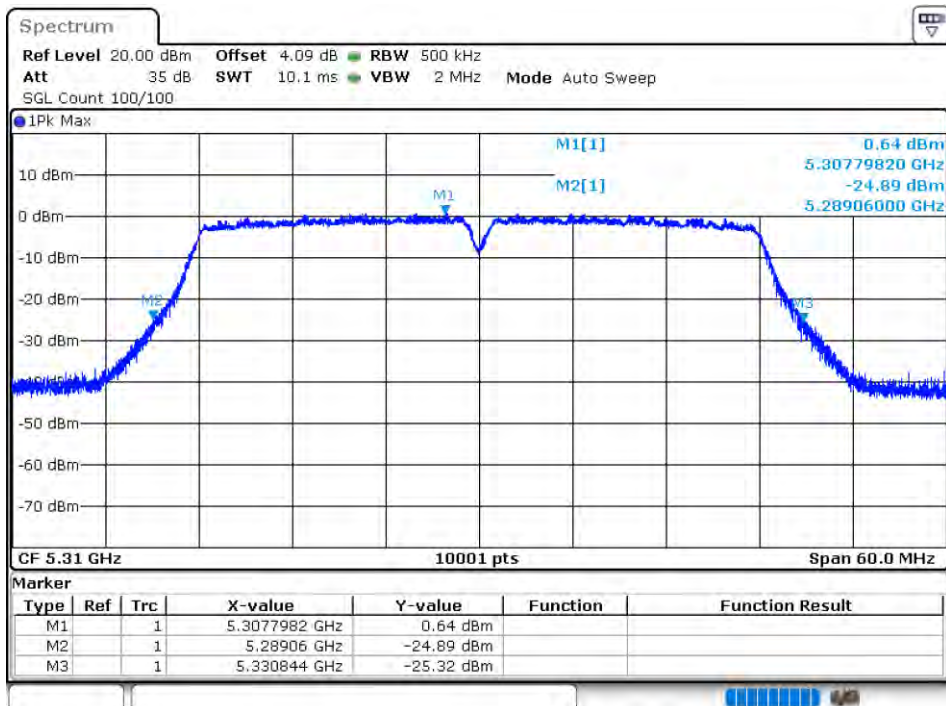
-26dB Bandwidth NVNT n20 5320MHz Ant1



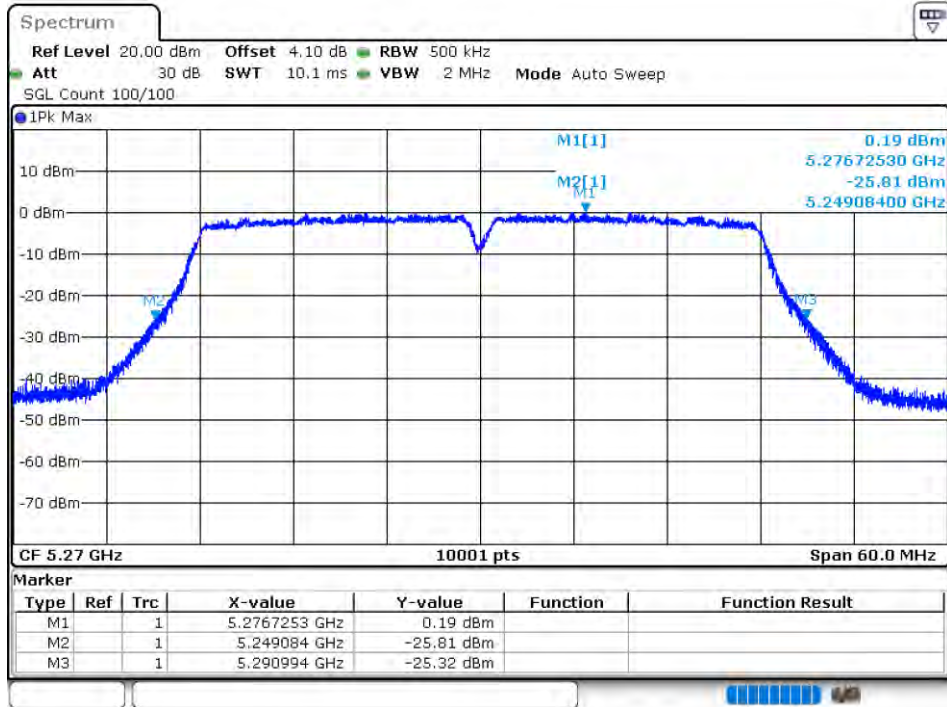
-26dB Bandwidth NVNT n40 5270MHz Ant0



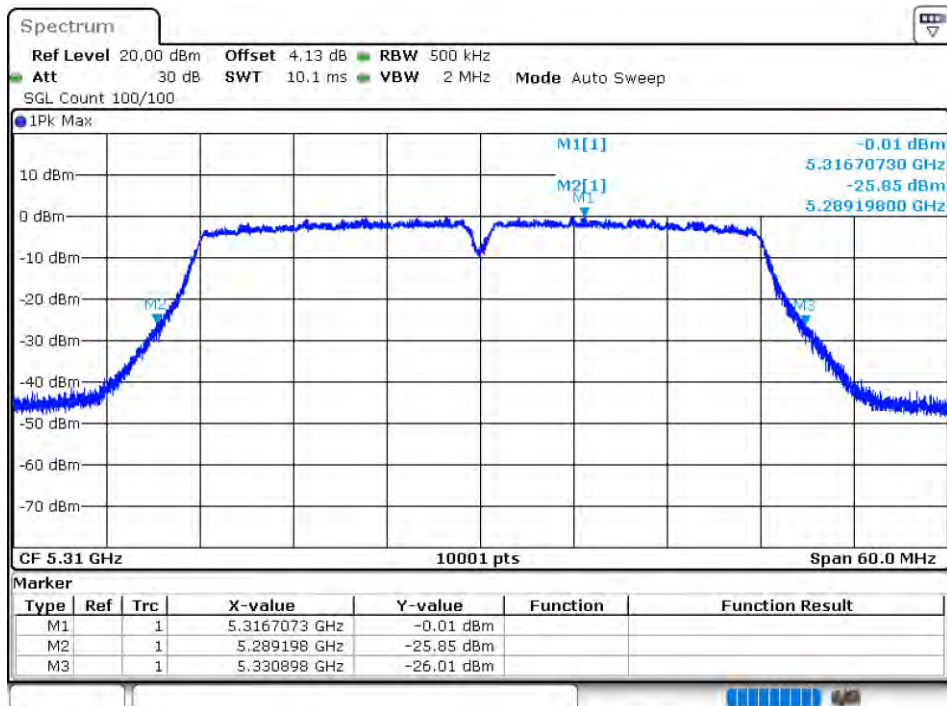
-26dB Bandwidth NVNT n40 5310MHz Ant0



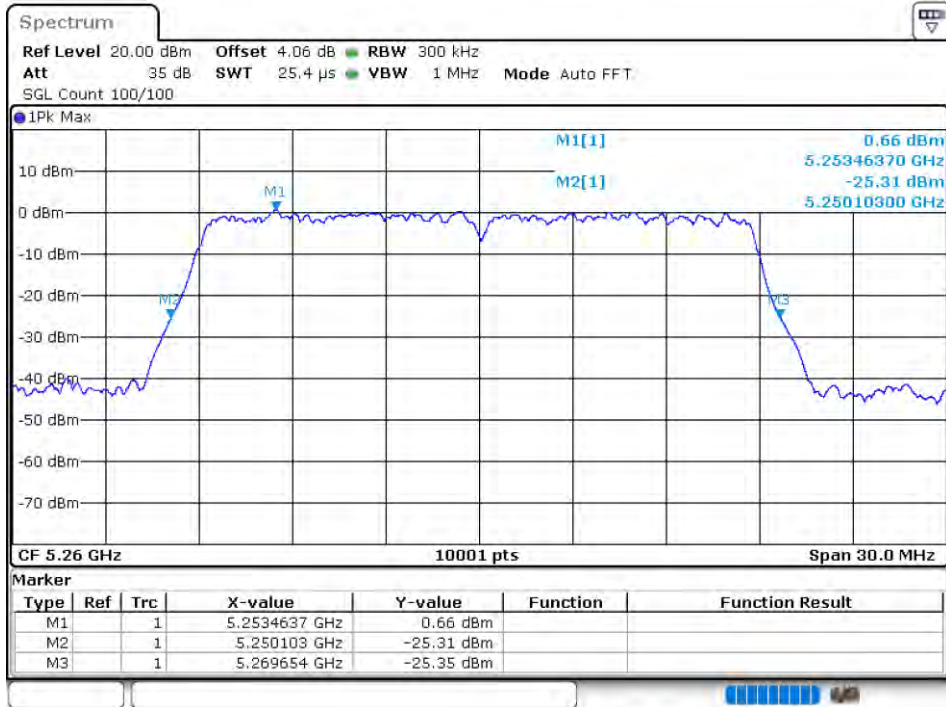
-26dB Bandwidth NVNT n40 5270MHz Ant1



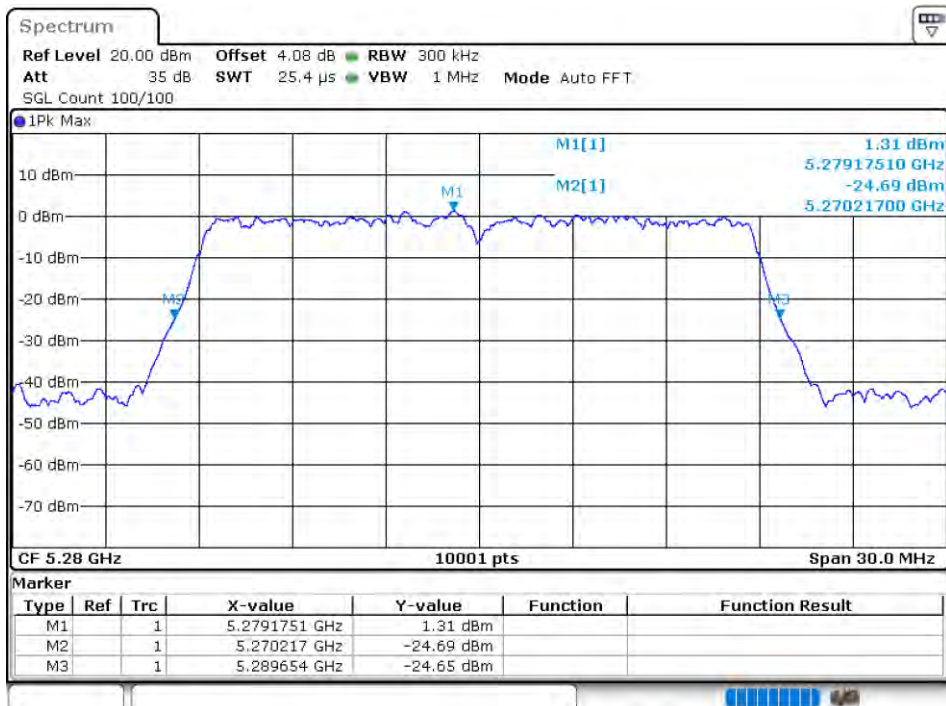
-26dB Bandwidth NVNT n40 5310MHz Ant1



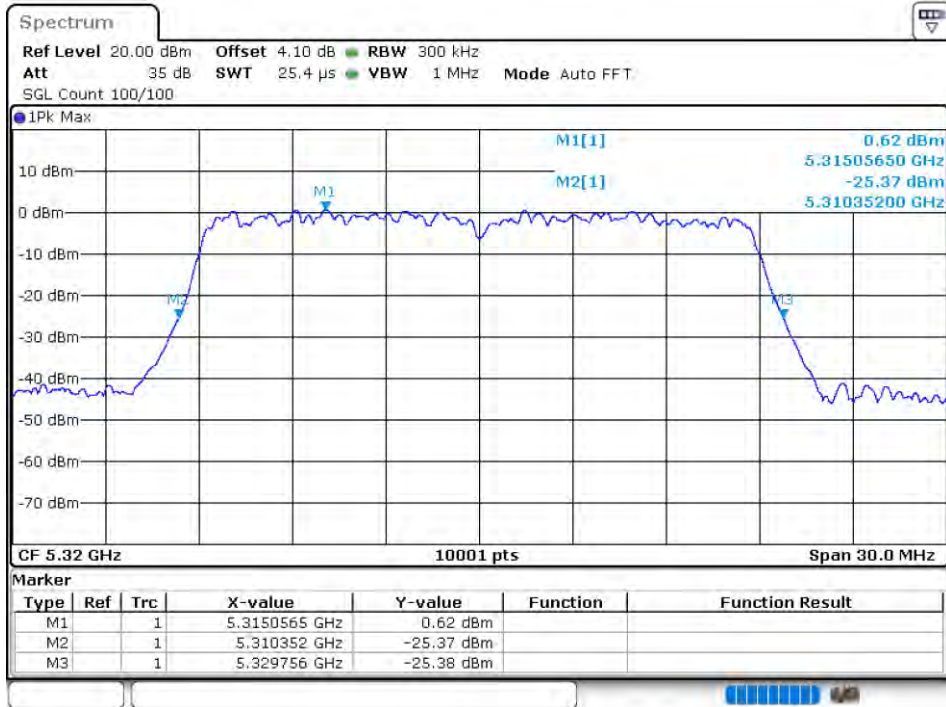
-26dB Bandwidth NVNT ac20 5260MHz Ant0



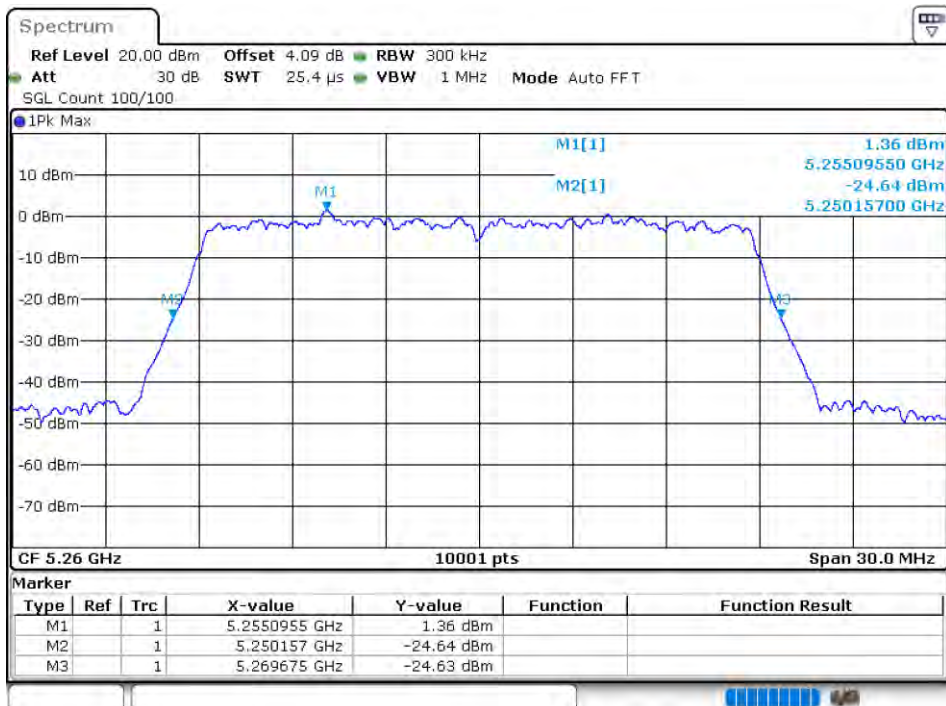
-26dB Bandwidth NVNT ac20 5280MHz Ant0



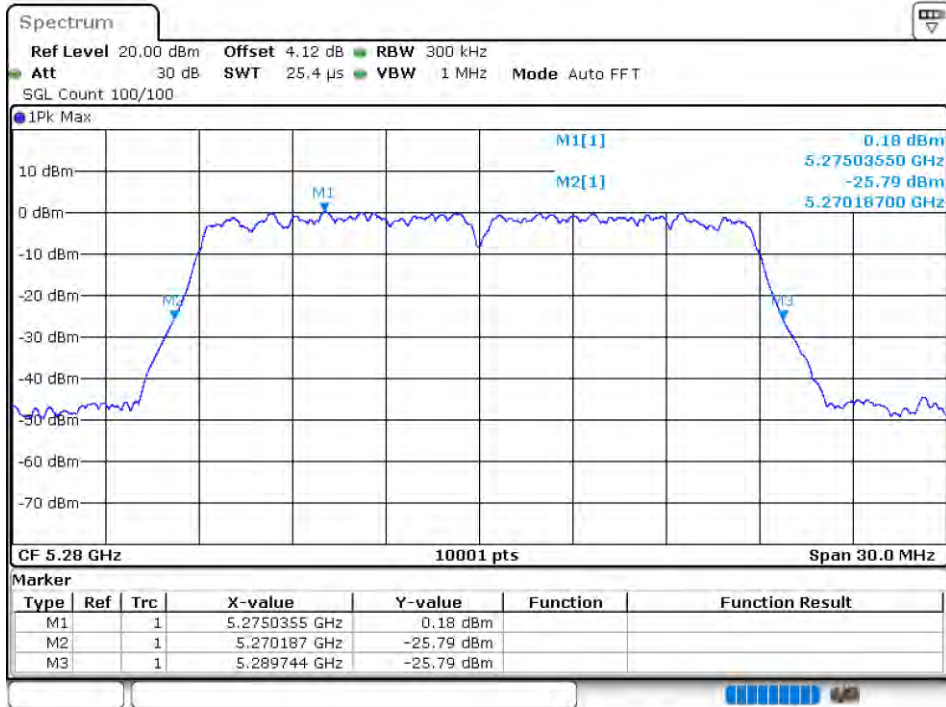
-26dB Bandwidth NVNT ac20 5320MHz Ant0



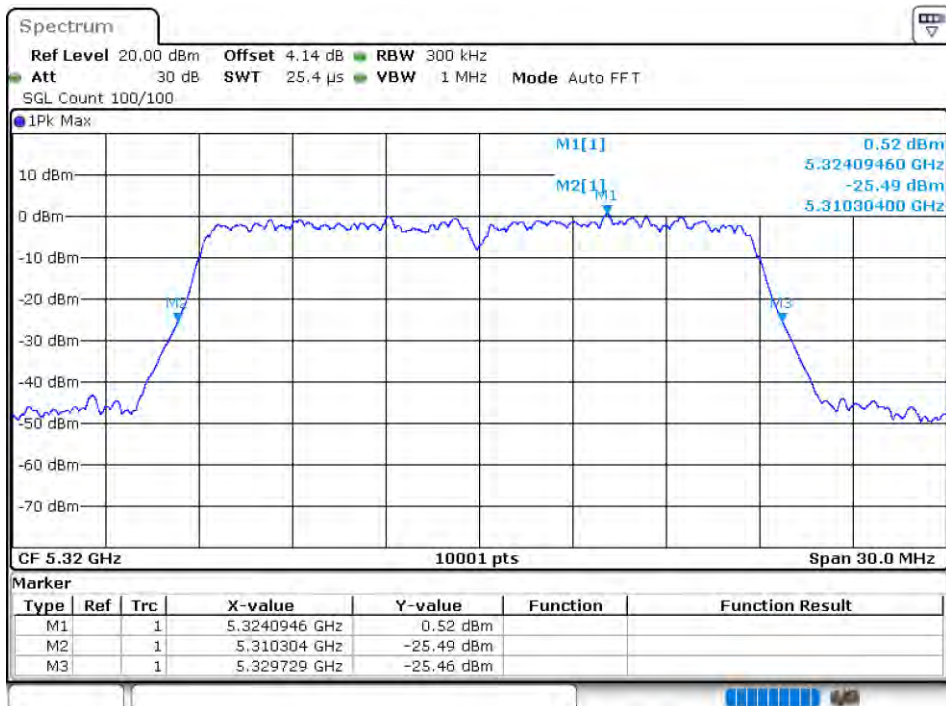
-26dB Bandwidth NVNT ac20 5260MHz Ant1



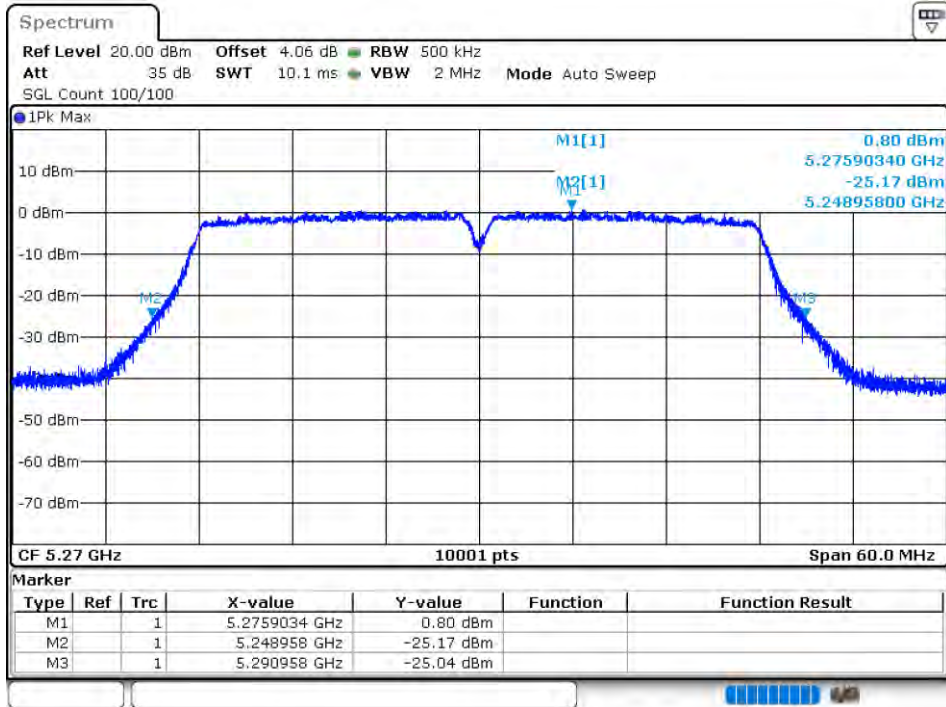
-26dB Bandwidth NVNT ac20 5280MHz Ant1



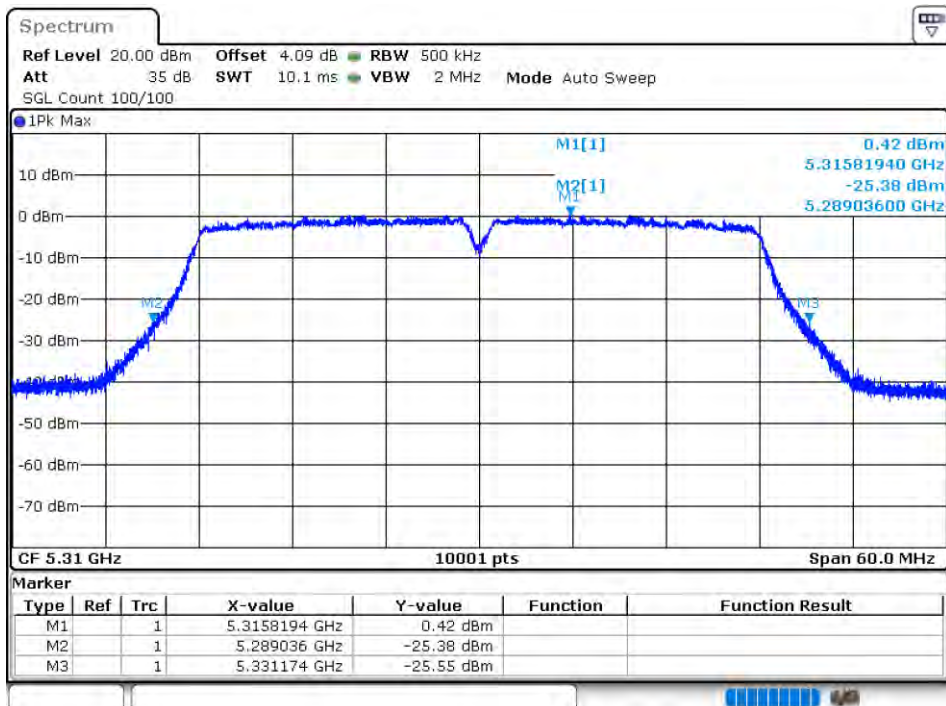
-26dB Bandwidth NVNT ac20 5320MHz Ant1



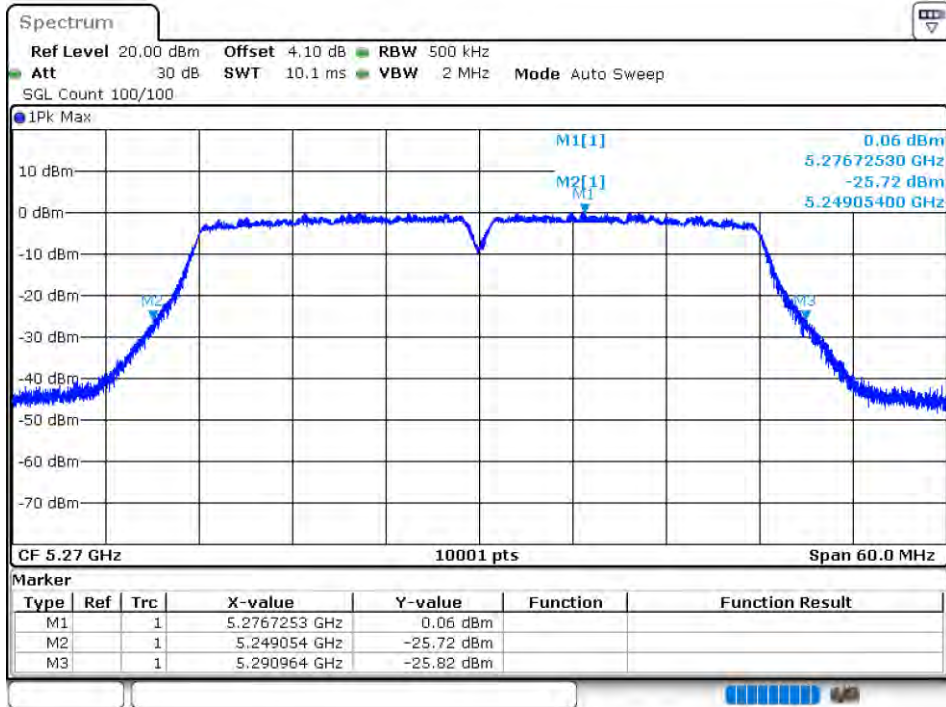
-26dB Bandwidth NVNT ac40 5270MHz Ant0



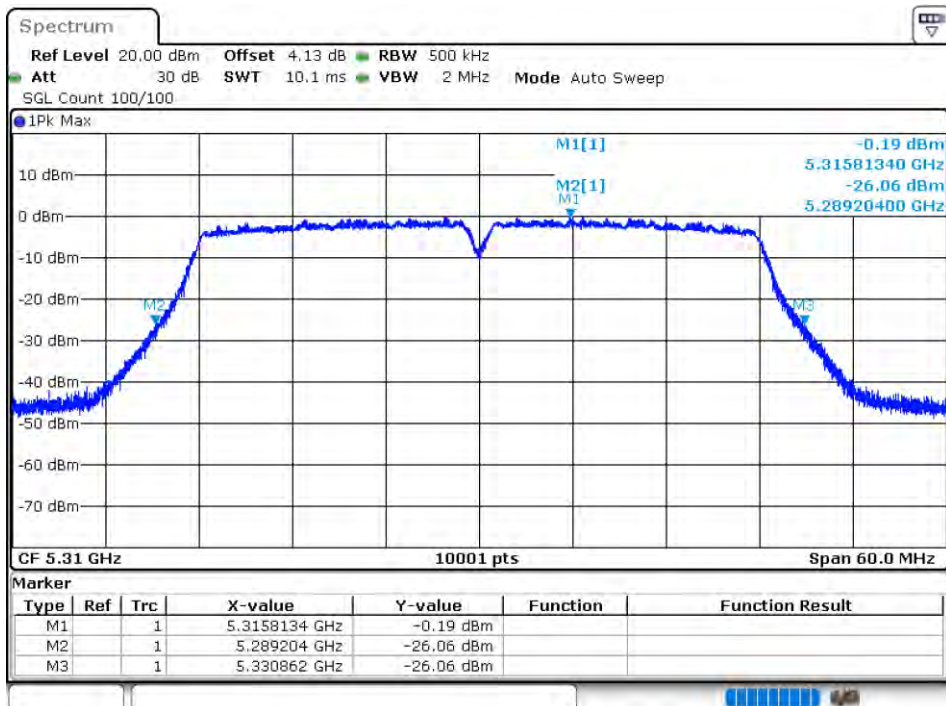
-26dB Bandwidth NVNT ac40 5310MHz Ant0



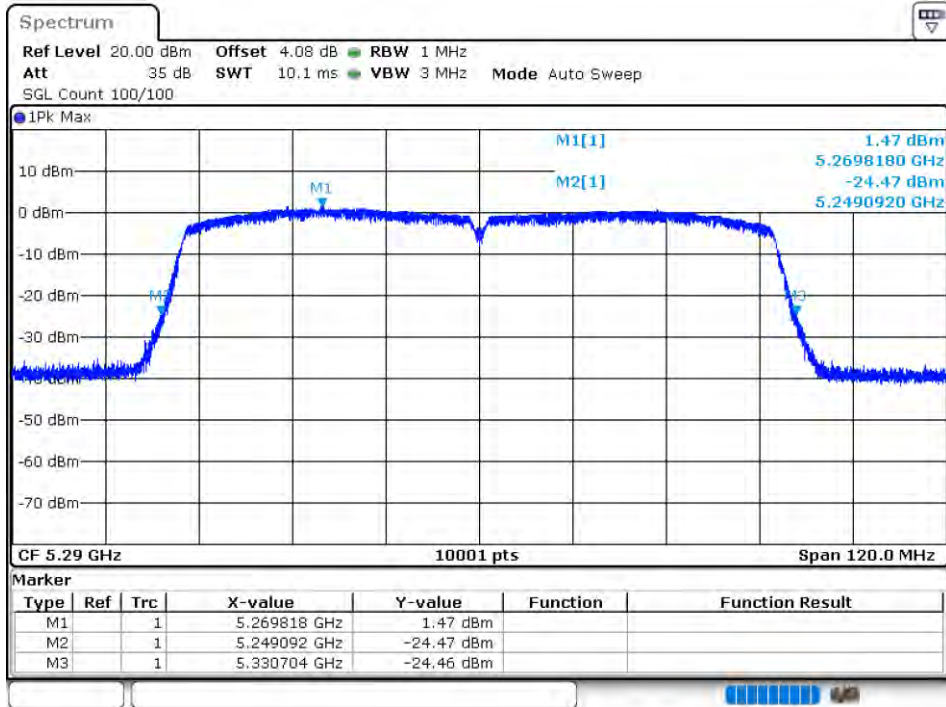
-26dB Bandwidth NVNT ac40 5270MHz Ant1



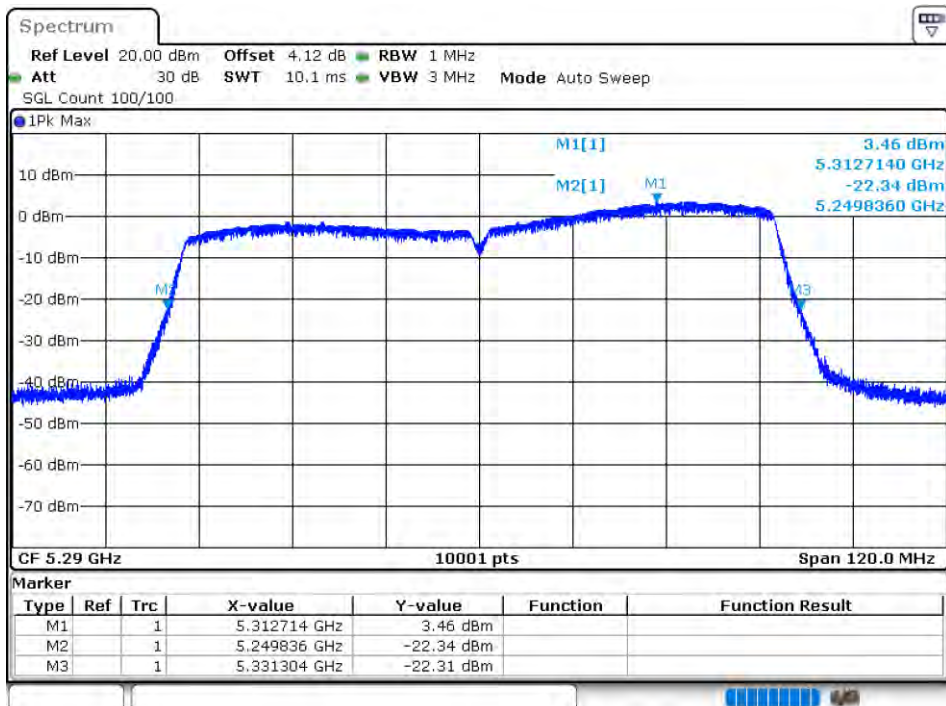
-26dB Bandwidth NVNT ac40 5310MHz Ant1



-26dB Bandwidth NVNT ac80 5290MHz Ant0



-26dB Bandwidth NVNT ac80 5290MHz Ant1

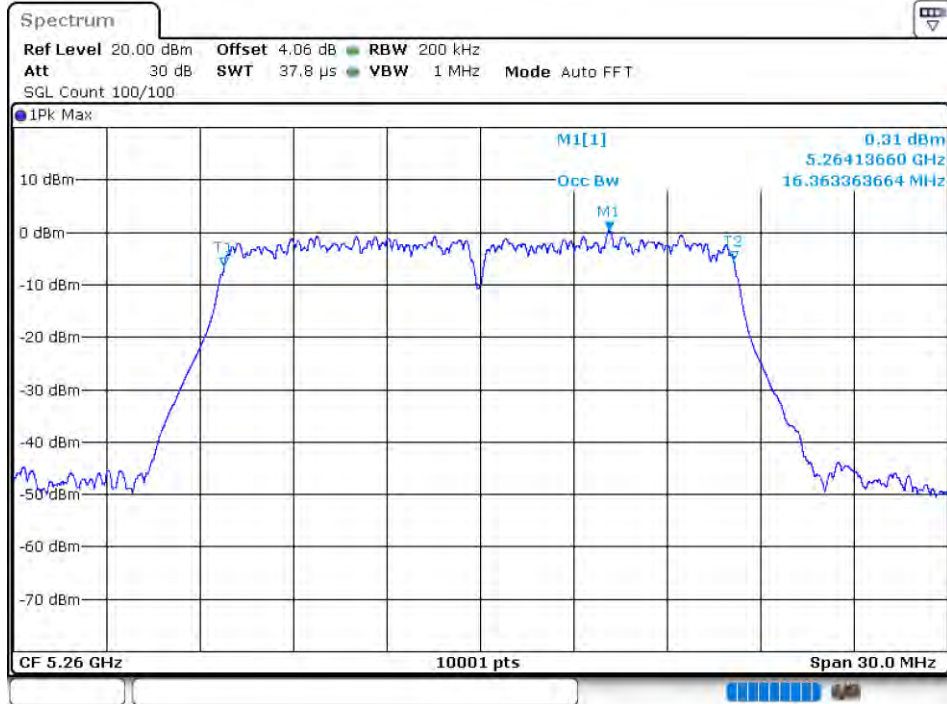


Occupied Channel Bandwidth

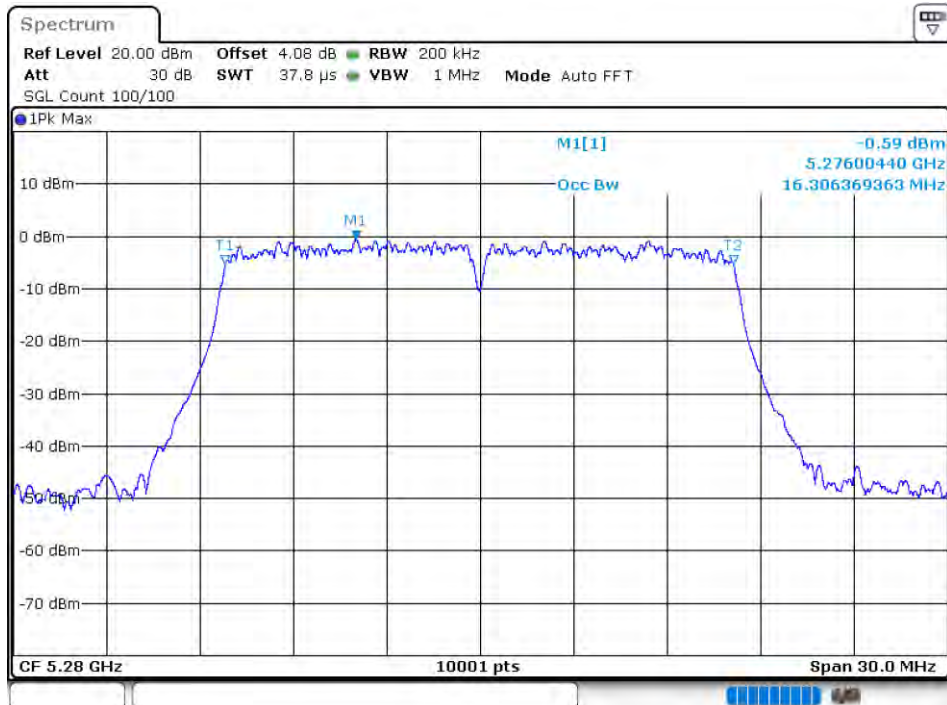
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant0	16.363
NVNT	a	5280	Ant0	16.306
NVNT	a	5320	Ant0	16.378
NVNT	a	5260	Ant1	16.336
NVNT	a	5280	Ant1	16.351
NVNT	a	5320	Ant1	16.345
NVNT	n20	5260	Ant0	17.539
NVNT	n20	5280	Ant0	17.536
NVNT	n20	5320	Ant0	17.557
NVNT	n20	5260	Ant1	17.542
NVNT	n20	5280	Ant1	17.56
NVNT	n20	5320	Ant1	17.536
NVNT	n40	5270	Ant0	36.23
NVNT	n40	5310	Ant0	36.194
NVNT	n40	5270	Ant1	36.23
NVNT	n40	5310	Ant1	36.152
NVNT	ac20	5260	Ant0	17.542
NVNT	ac20	5280	Ant0	17.563
NVNT	ac20	5320	Ant0	17.572
NVNT	ac20	5260	Ant1	17.557
NVNT	ac20	5280	Ant1	17.548
NVNT	ac20	5320	Ant1	17.575
NVNT	ac40	5270	Ant0	36.218
NVNT	ac40	5310	Ant0	36.182
NVNT	ac40	5270	Ant1	36.2
NVNT	ac40	5310	Ant1	36.128
NVNT	ac80	5290	Ant0	74.957
NVNT	ac80	5290	Ant1	75.232

Test Graphs

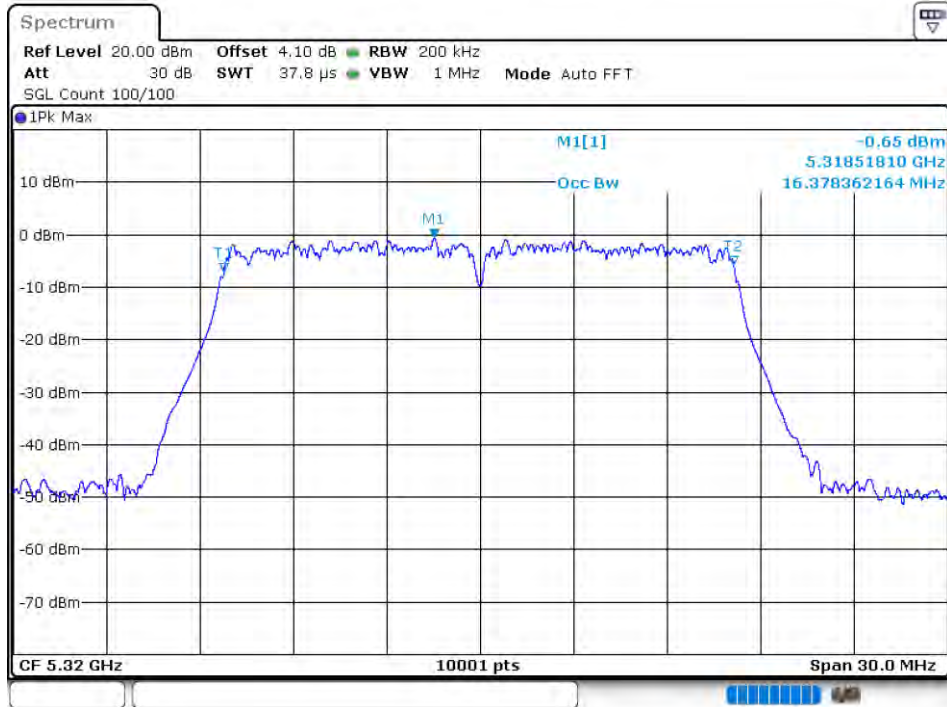
OBW NVNT a 5260MHz Ant0



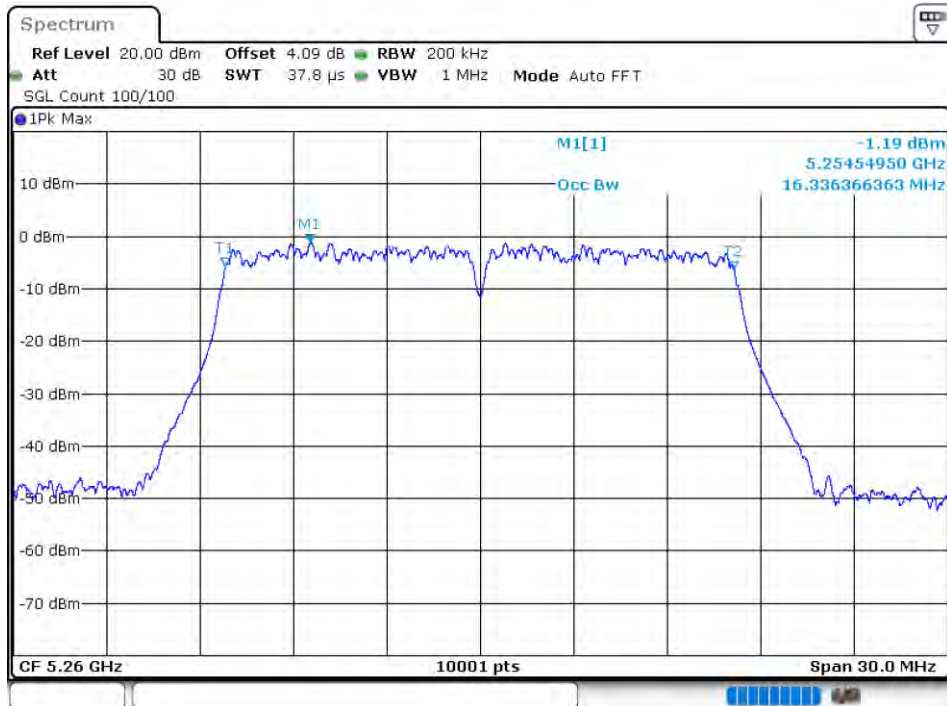
OBW NVNT a 5280MHz Ant0



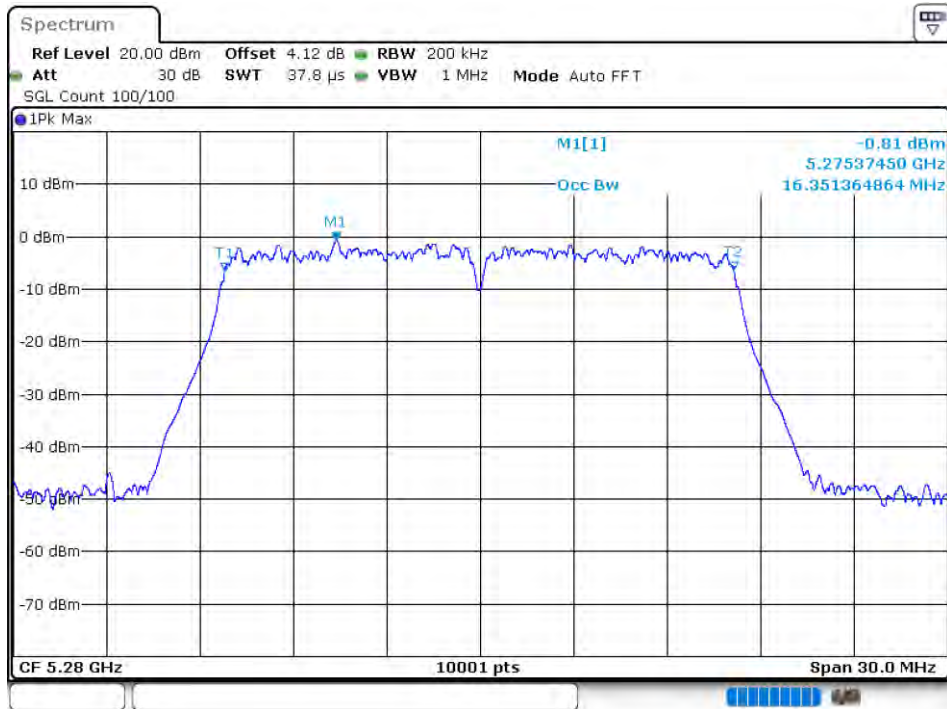
OBW NVNT a 5320MHz Ant0



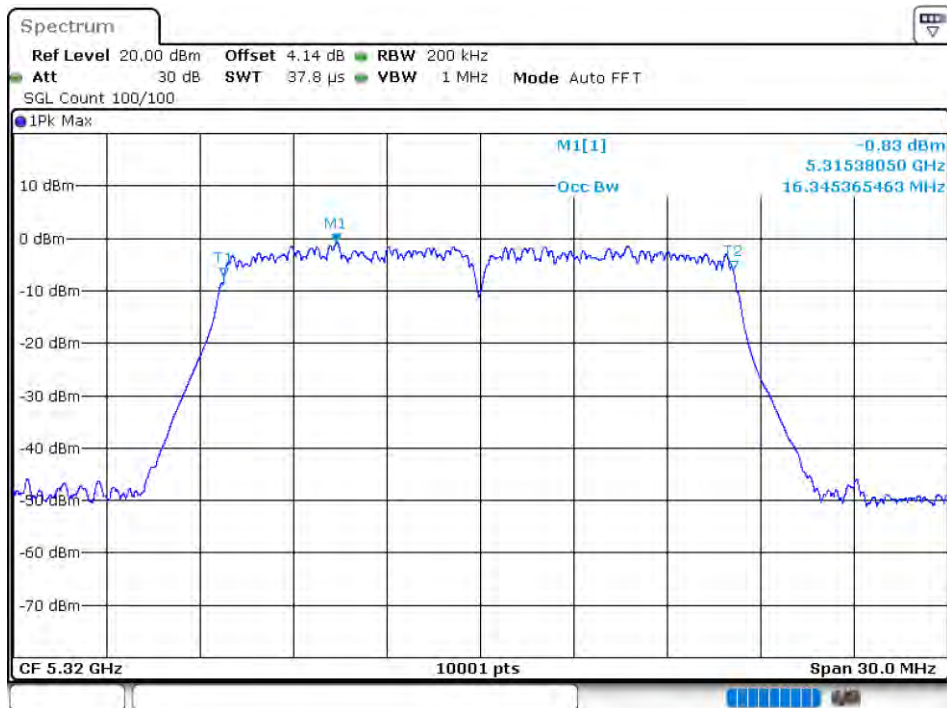
OBW NVNT a 5260MHz Ant1

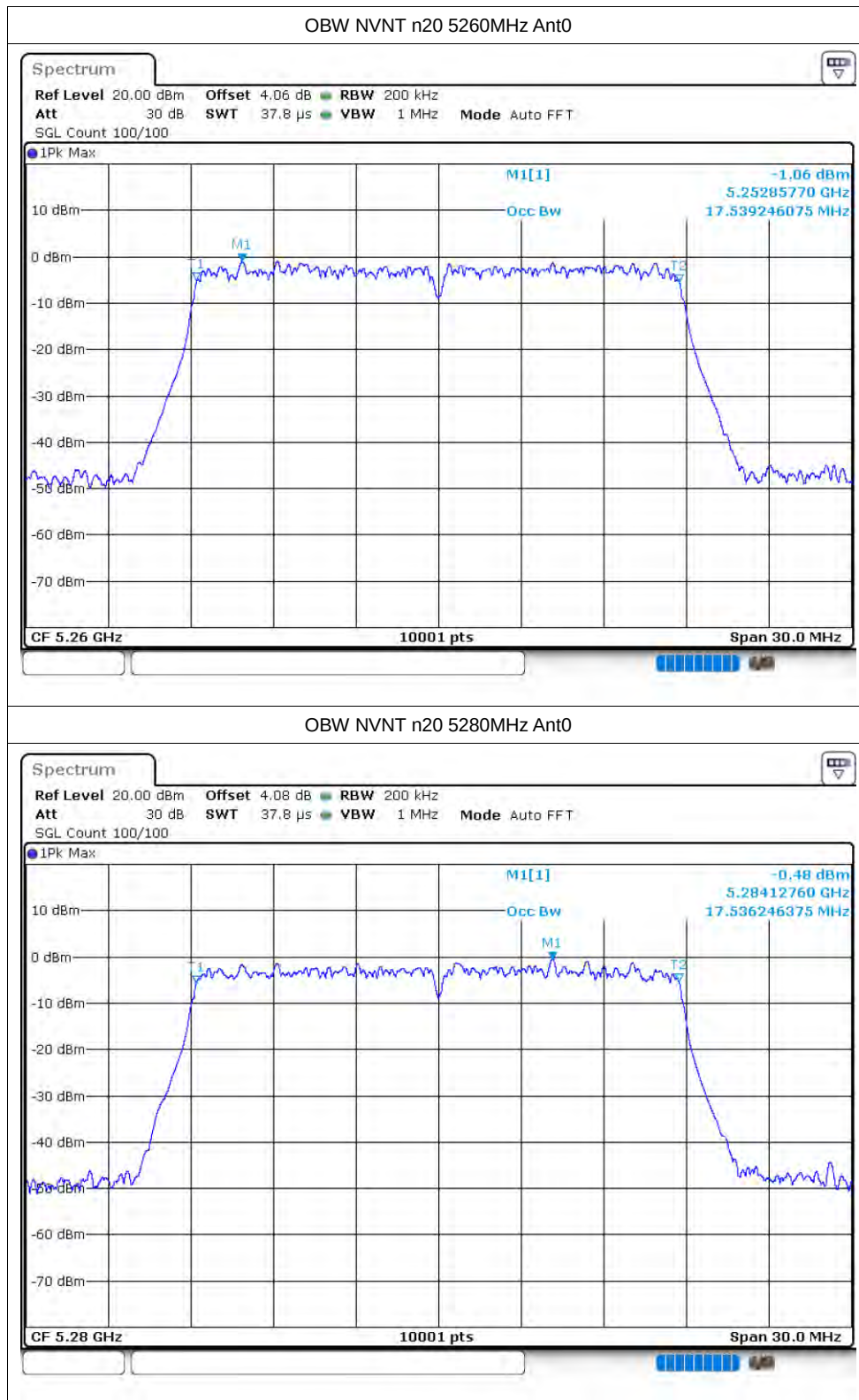


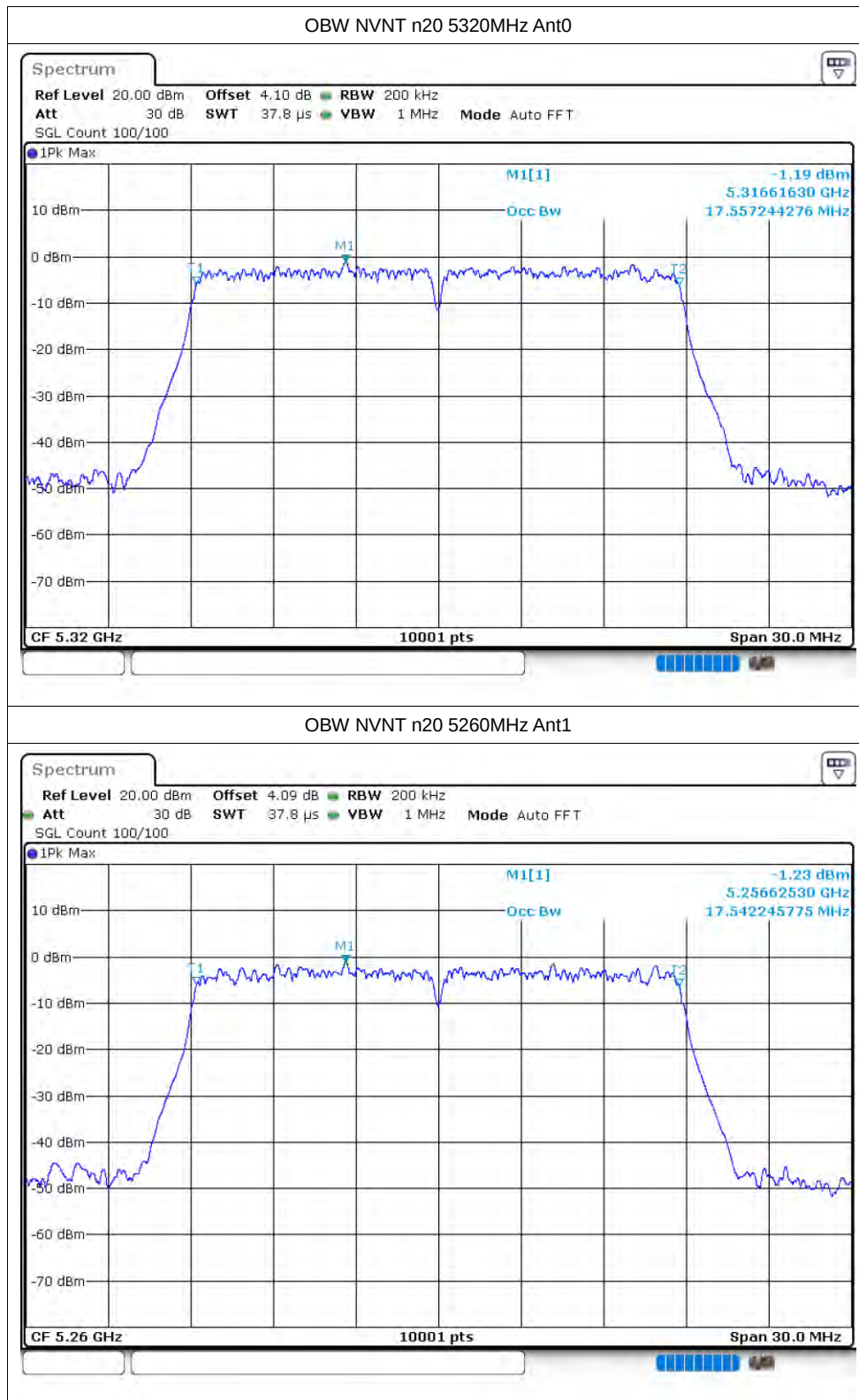
OBW NVNT a 5280MHz Ant1



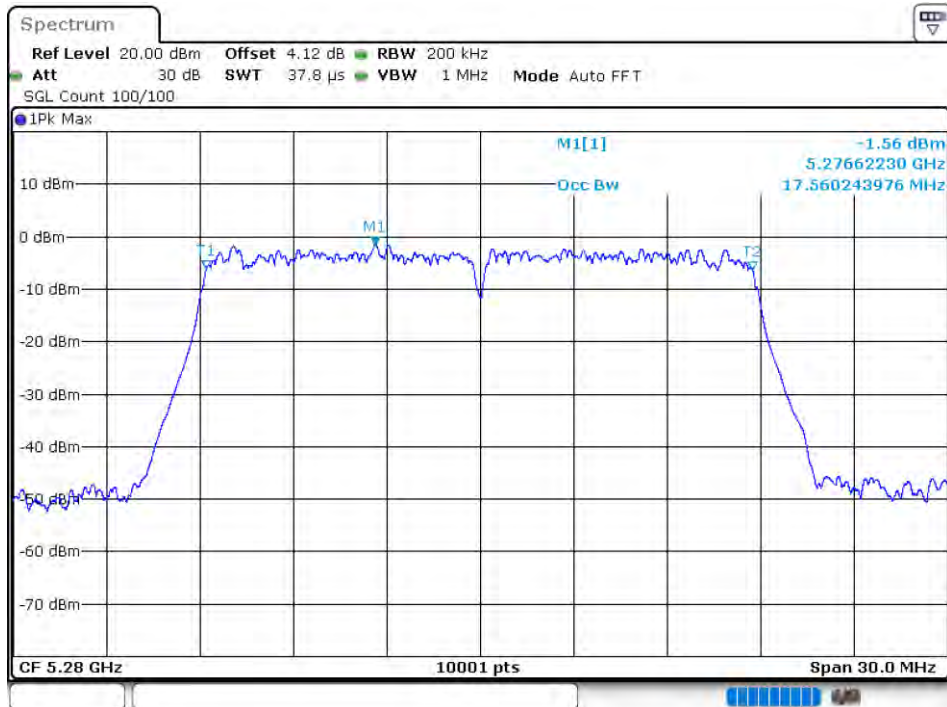
OBW NVNT a 5320MHz Ant1



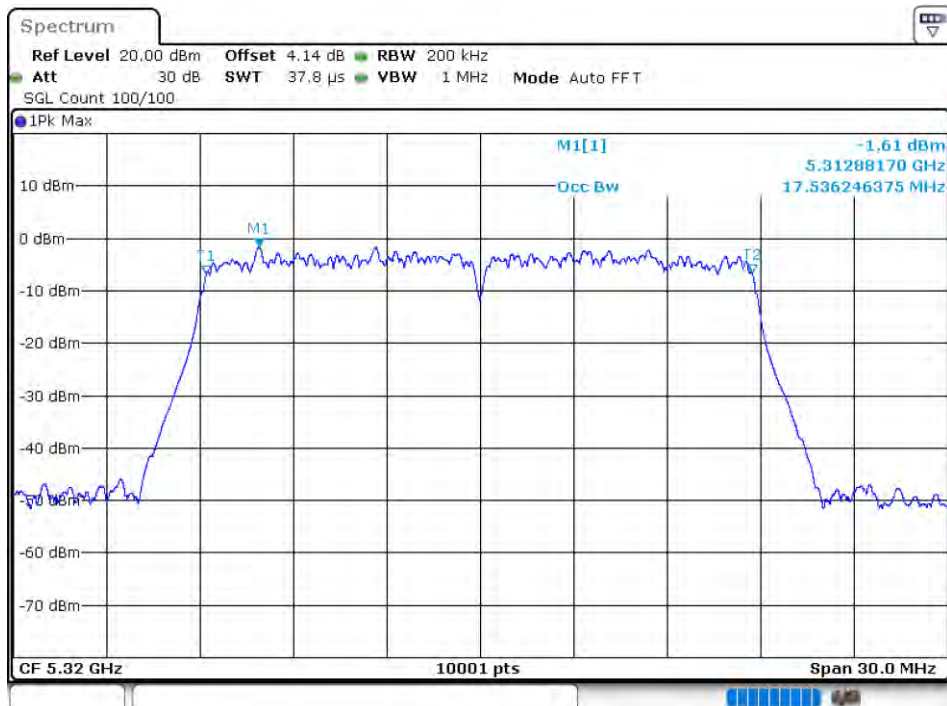


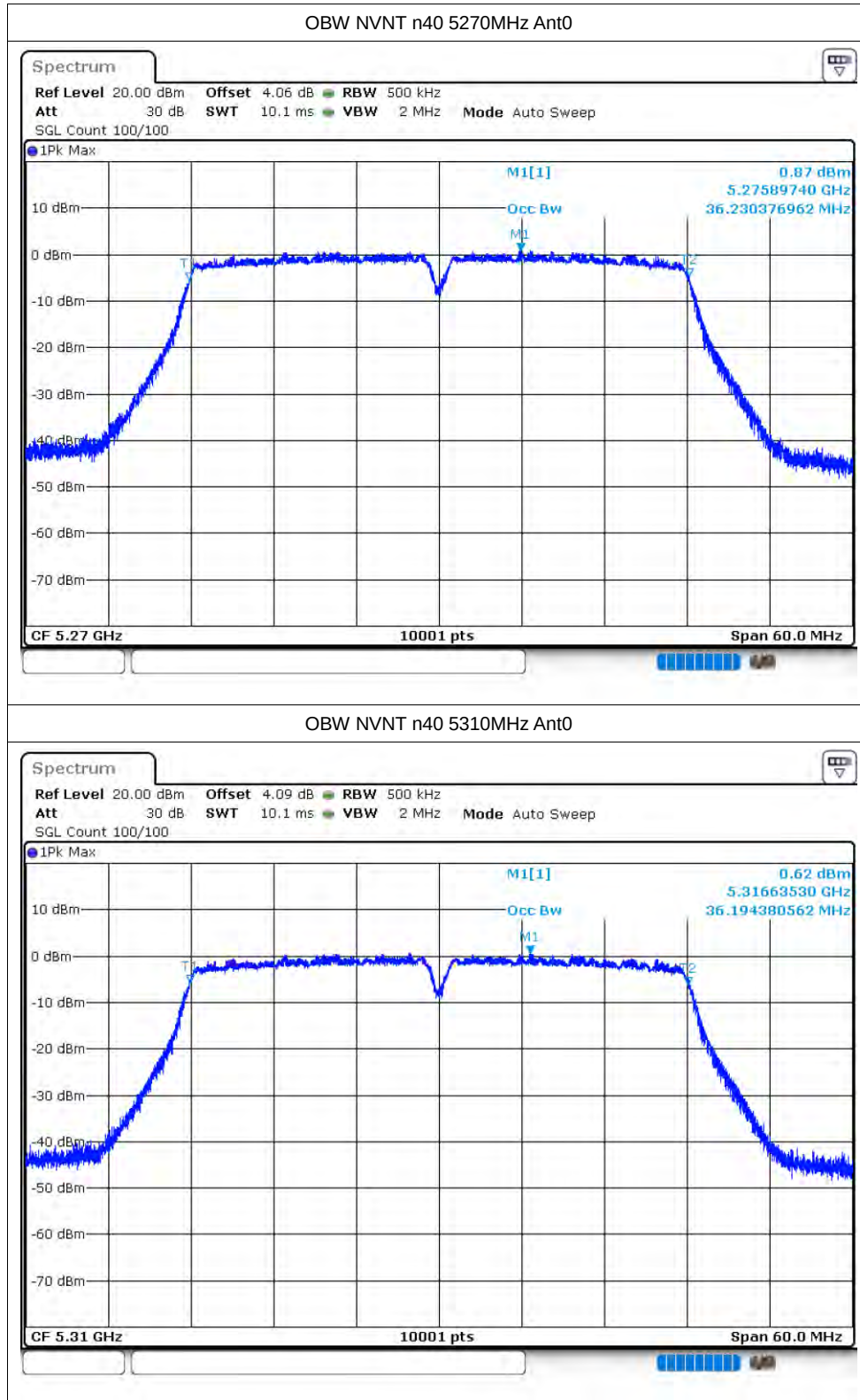


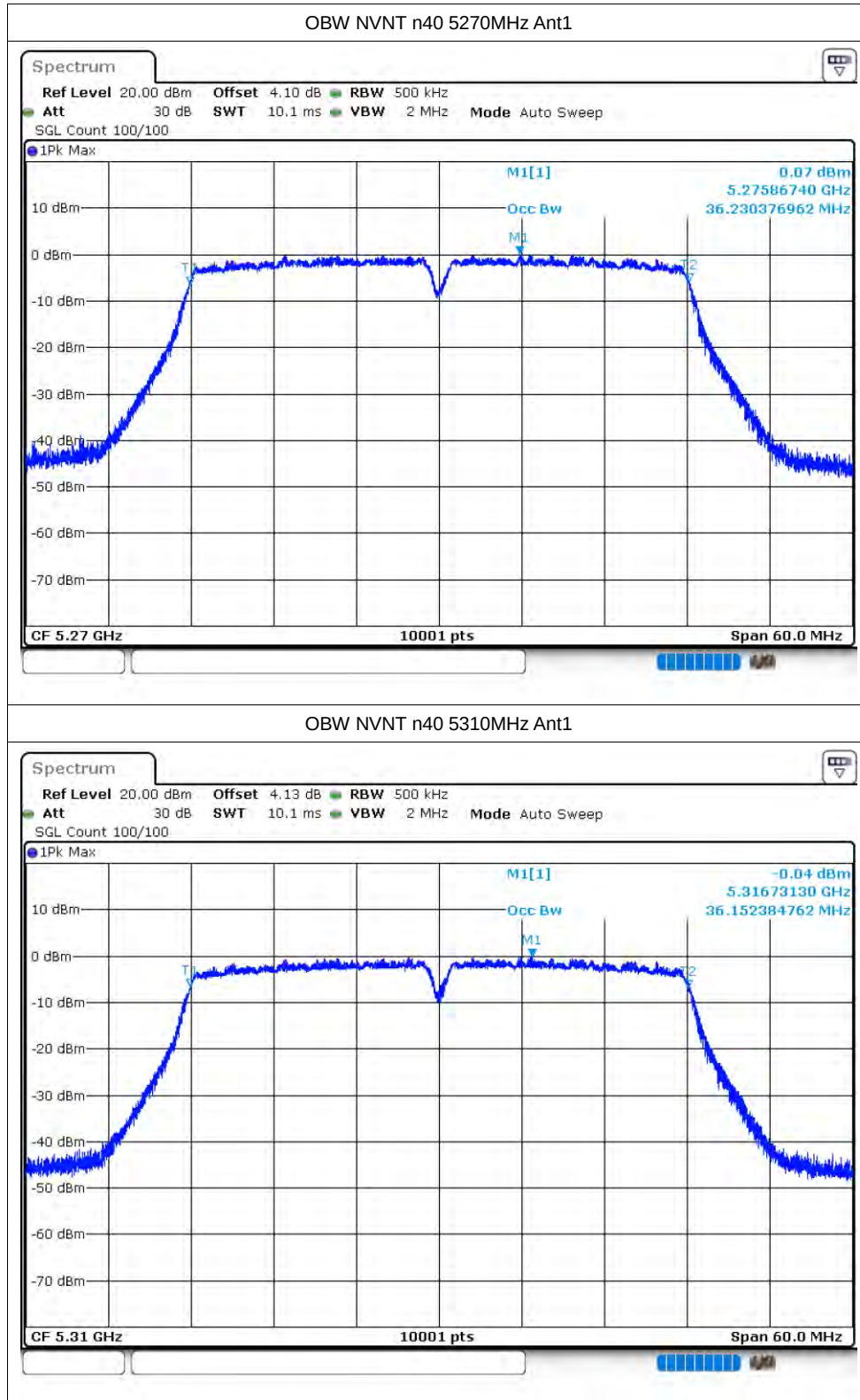
OBW NVNT n20 5280MHz Ant1

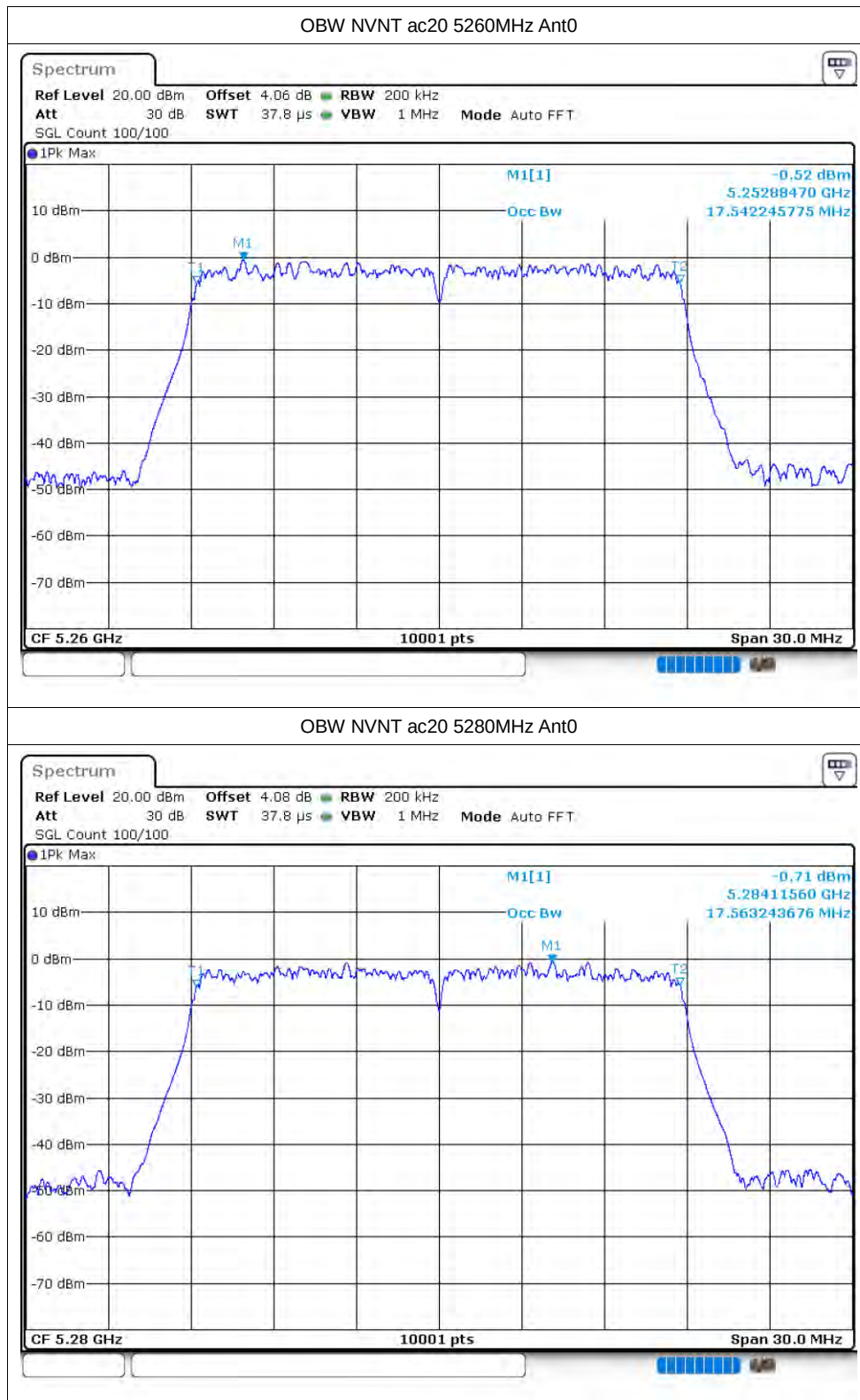


OBW NVNT n20 5320MHz Ant1

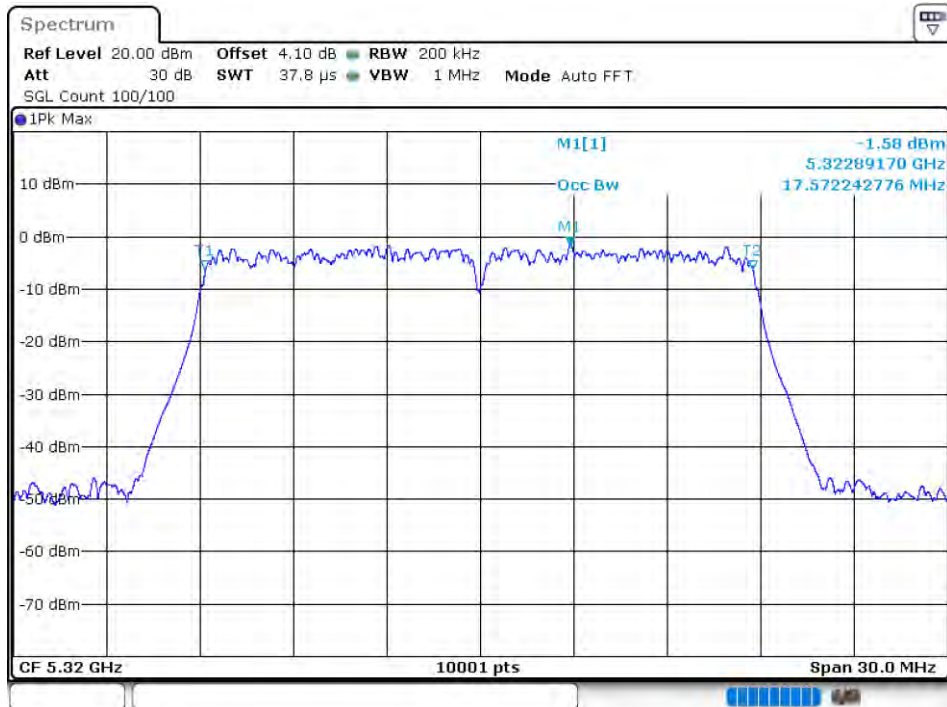




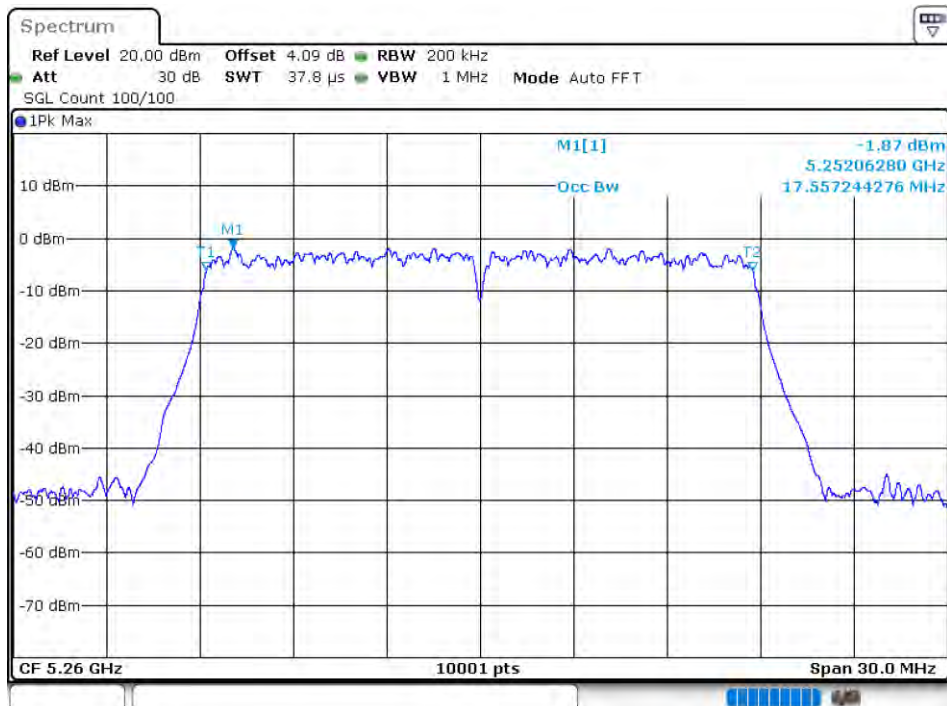


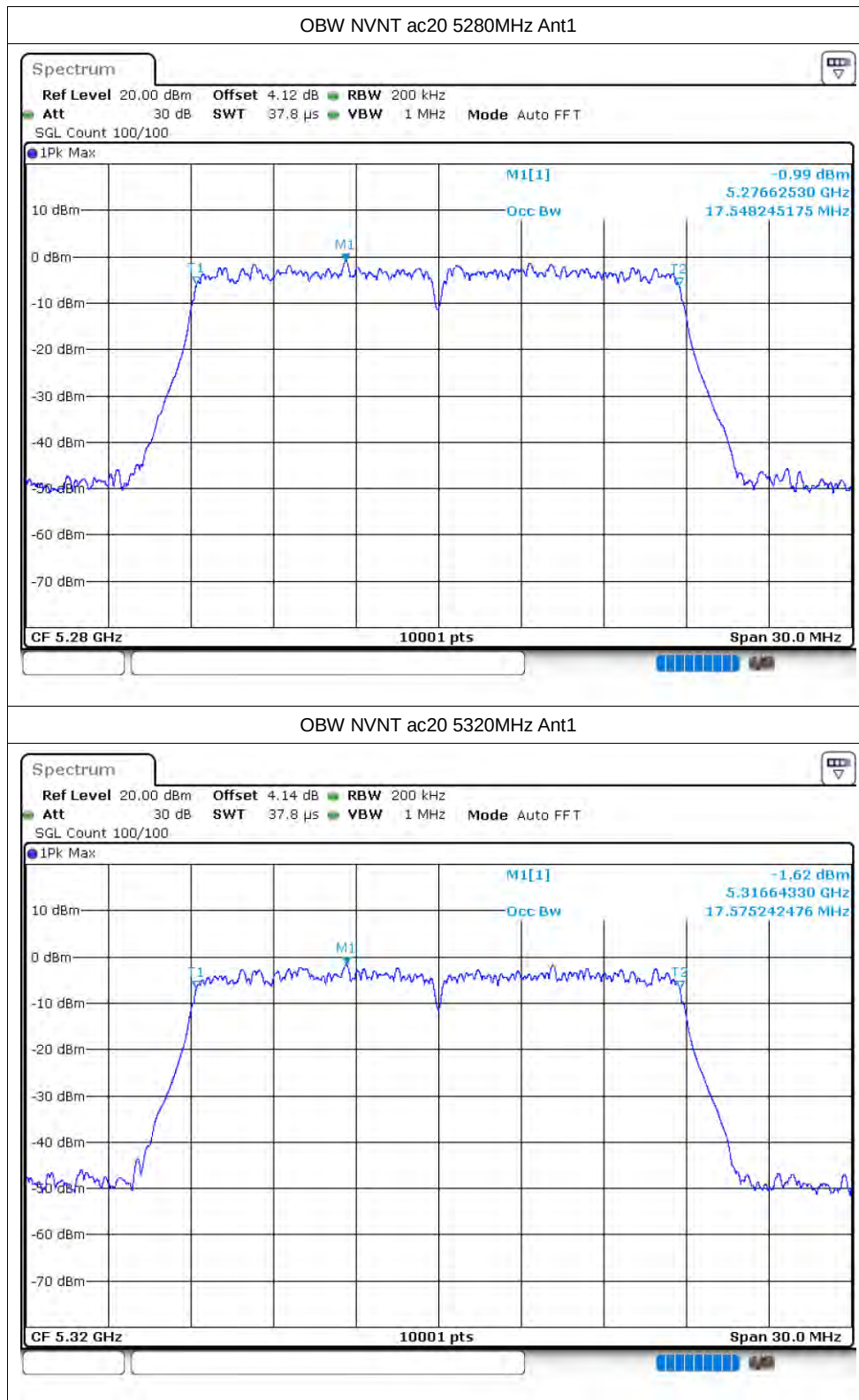


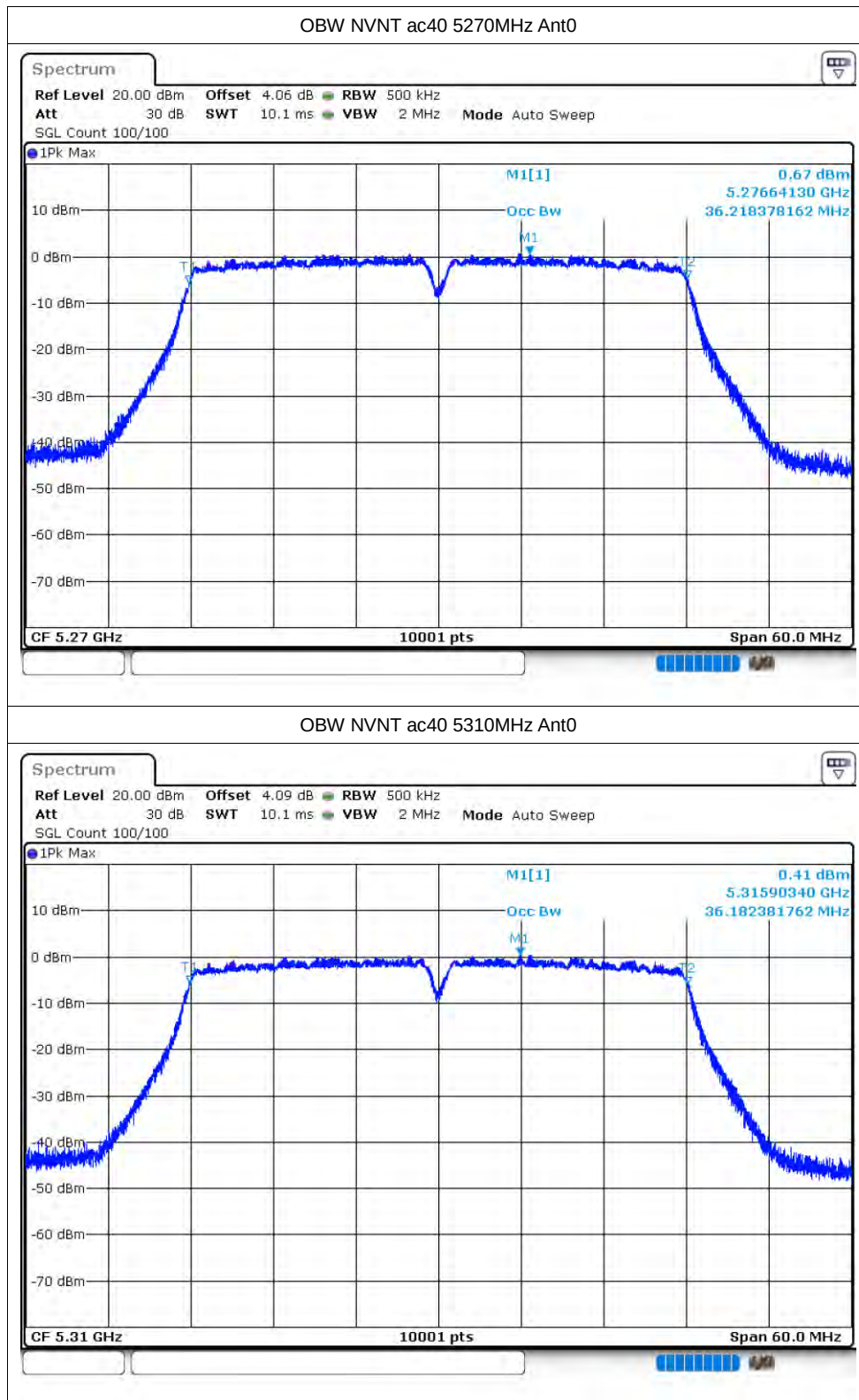
OBW NVNT ac20 5320MHz Ant0

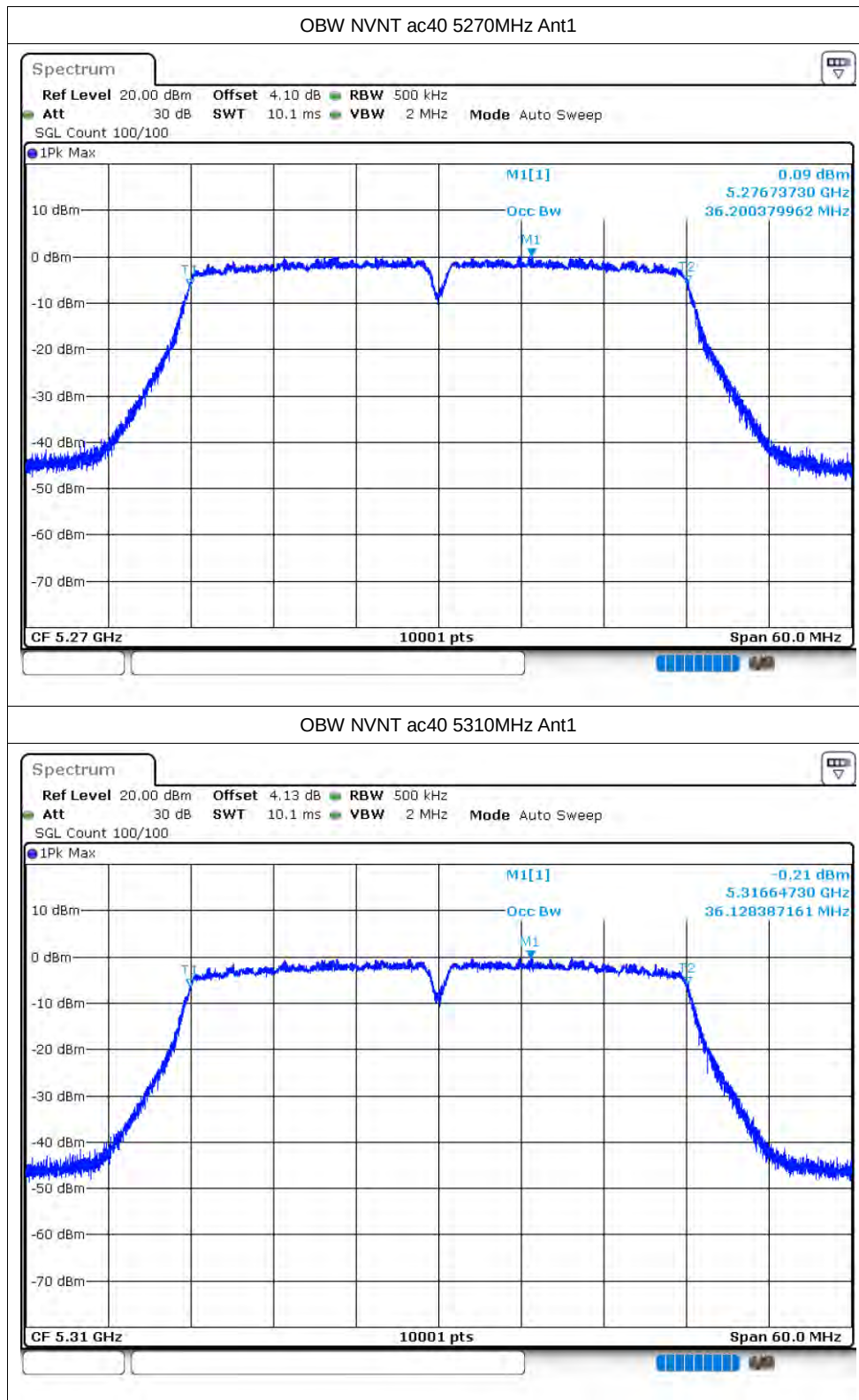


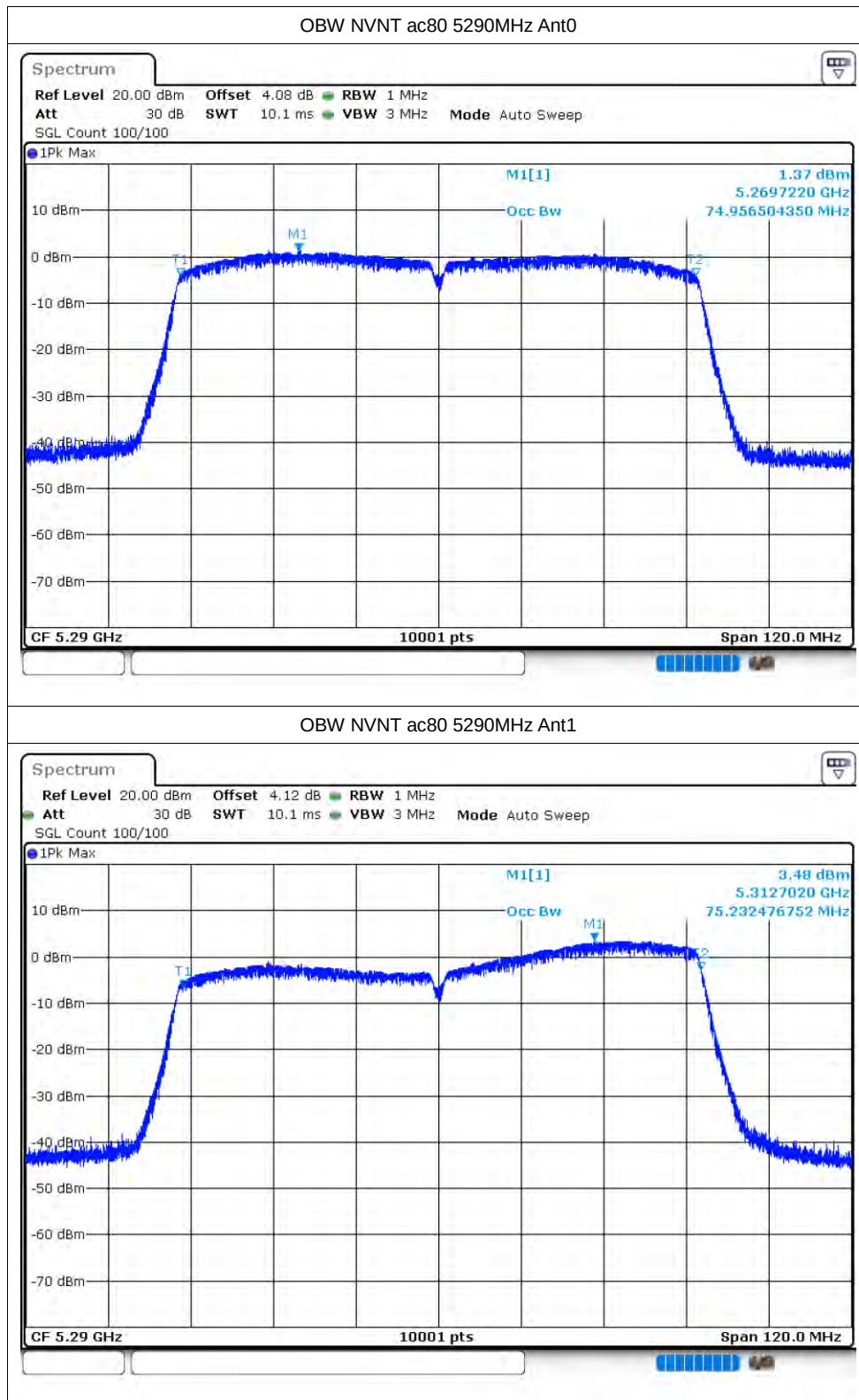
OBW NVNT ac20 5260MHz Ant1









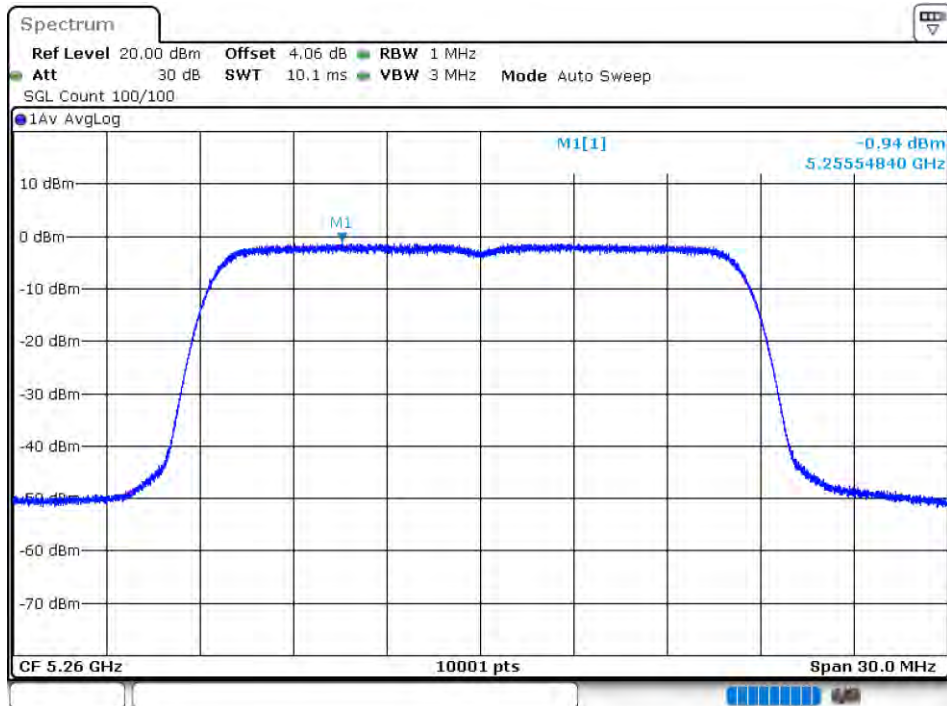


Maximum Power Spectral Density Level

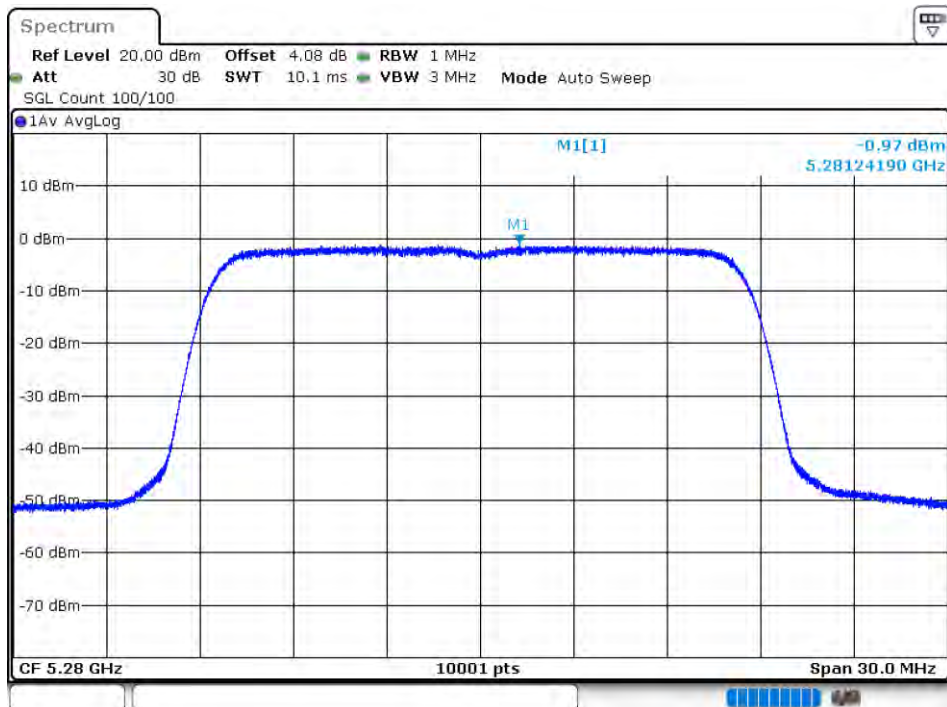
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant0	-0.94	0	-0.94	11	Pass
NVNT	a	5280	Ant0	-0.97	0	-0.97	11	Pass
NVNT	a	5320	Ant0	-1.39	0	-1.39	11	Pass
NVNT	a	5260	Ant1	-1.88	0	-1.88	11	Pass
NVNT	a	5280	Ant1	-1.75	0	-1.75	11	Pass
NVNT	a	5320	Ant1	-1.82	0	-1.82	11	Pass
NVNT	n20	5260	Ant0	-1.51	0	-1.51	11	Pass
NVNT	n20	5280	Ant0	-1.52	0	-1.52	11	Pass
NVNT	n20	5320	Ant0	-1.87	0	-1.87	11	Pass
NVNT	n20	5260	Ant1	-2.29	0	-2.29	11	Pass
NVNT	n20	5280	Ant1	-2.23	0	-2.23	11	Pass
NVNT	n20	5320	Ant1	-2.49	0	-2.49	11	Pass
NVNT	n40	5270	Ant0	-4.13	0	-4.13	11	Pass
NVNT	n40	5310	Ant0	-4.59	0	-4.59	11	Pass
NVNT	n40	5270	Ant1	-4.97	0	-4.97	11	Pass
NVNT	n40	5310	Ant1	-5.33	0	-5.33	11	Pass
NVNT	ac20	5260	Ant0	-1.57	0	-1.57	11	Pass
NVNT	ac20	5280	Ant0	-1.47	0	-1.47	11	Pass
NVNT	ac20	5320	Ant0	-1.9	0	-1.9	11	Pass
NVNT	ac20	5260	Ant1	-2.12	0	-2.12	11	Pass
NVNT	ac20	5280	Ant1	-2.12	0	-2.12	11	Pass
NVNT	ac20	5320	Ant1	-2.54	0	-2.54	11	Pass
NVNT	ac40	5270	Ant0	-4.56	0	-4.56	11	Pass
NVNT	ac40	5310	Ant0	-4.97	0	-4.97	11	Pass
NVNT	ac40	5270	Ant1	-5.12	0	-5.12	11	Pass
NVNT	ac40	5310	Ant1	-5.44	0	-5.44	11	Pass
NVNT	ac80	5290	Ant0	-8.11	0	-8.11	11	Pass
NVNT	ac80	5290	Ant1	-5.55	0	-5.55	11	Pass

Test Graphs

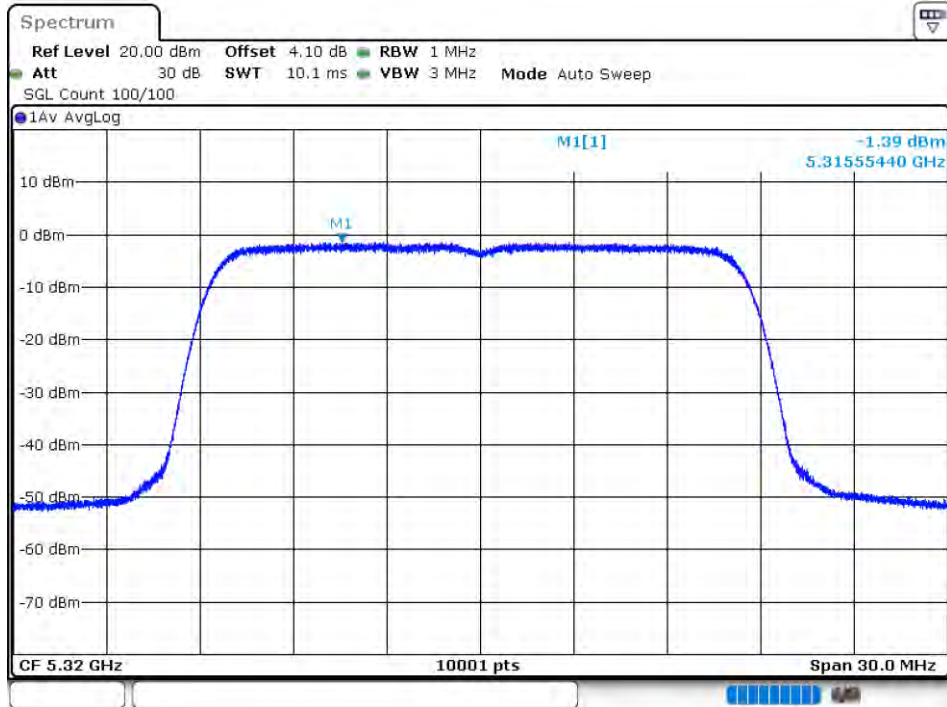
PSD NVNT a 5260MHz Ant0



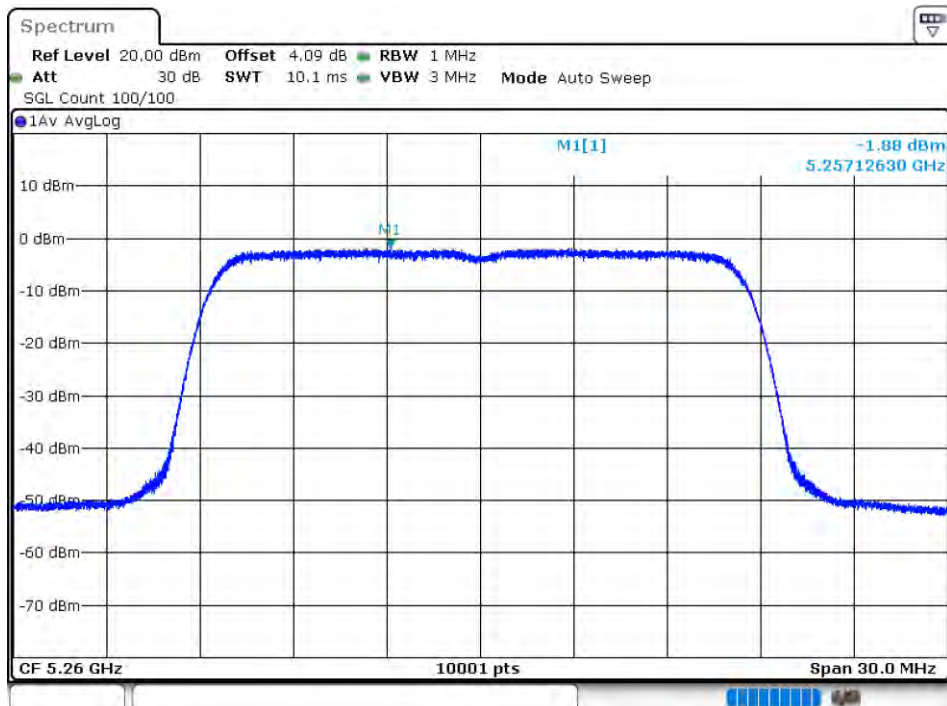
PSD NVNT a 5280MHz Ant0



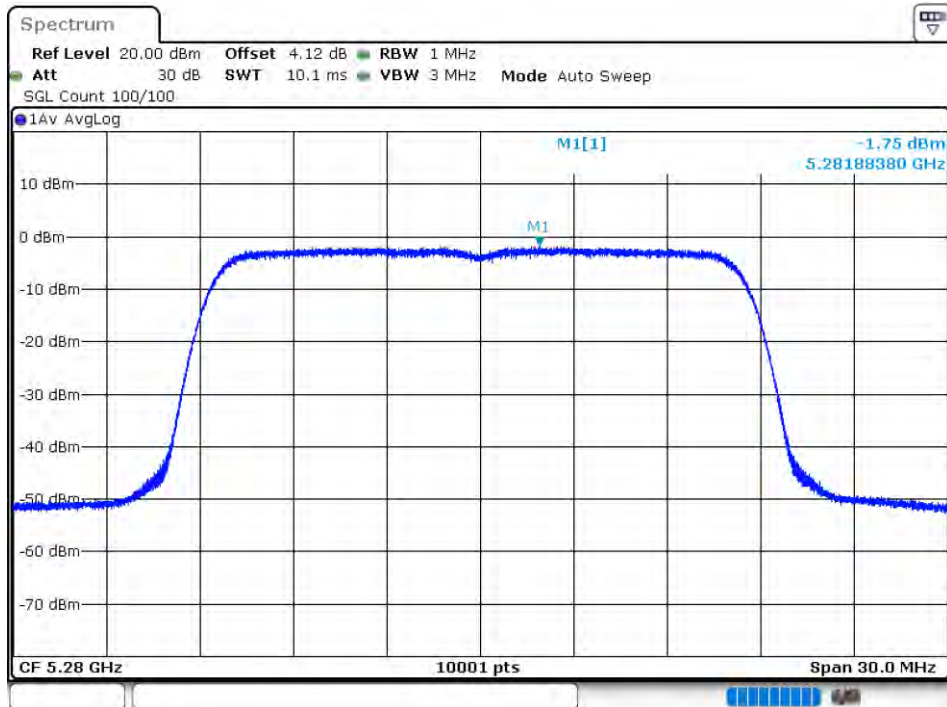
PSD NVNT a 5320MHz Ant0



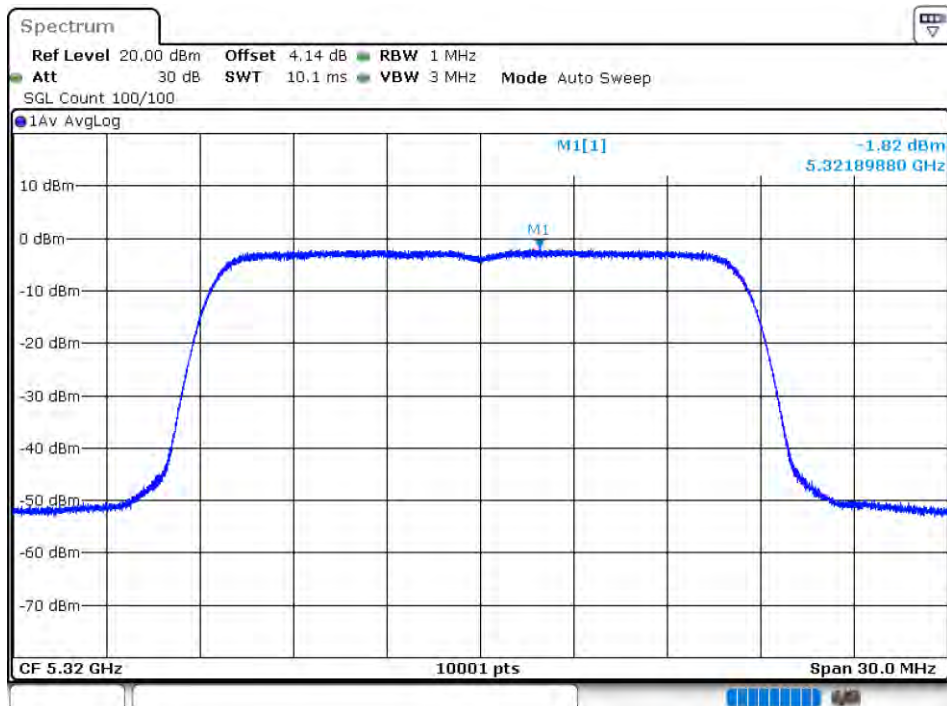
PSD NVNT a 5260MHz Ant1

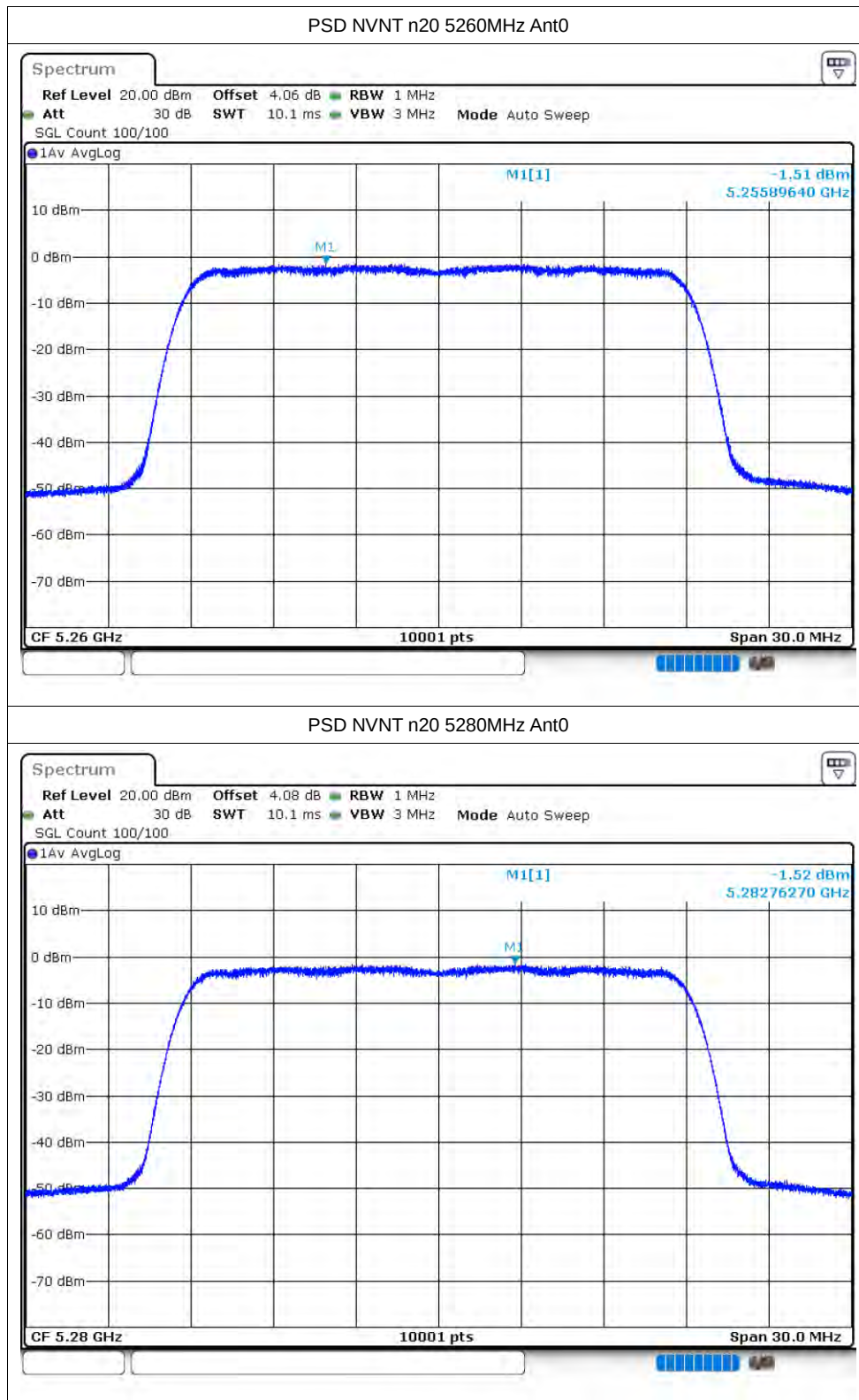


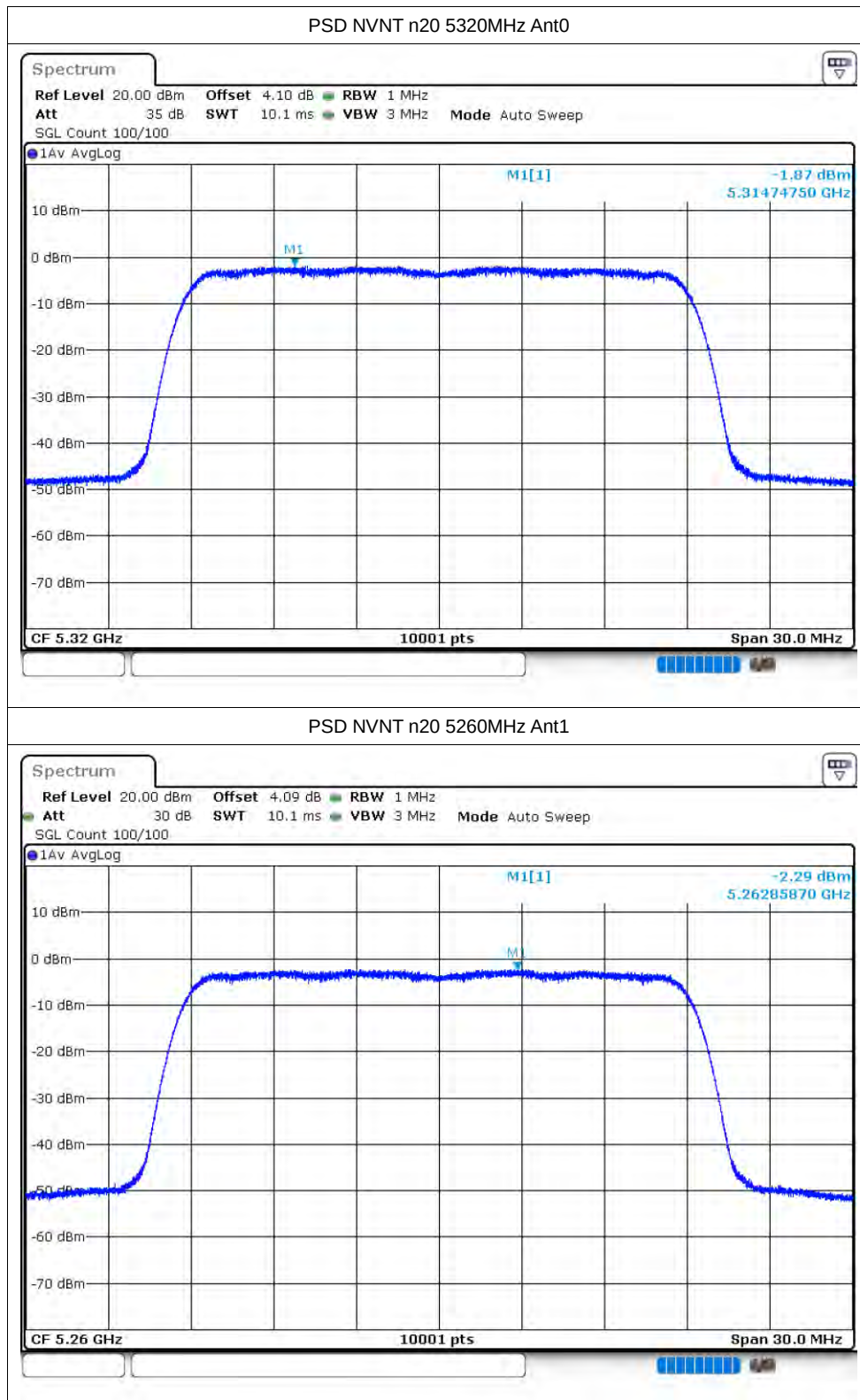
PSD NVNT a 5280MHz Ant1

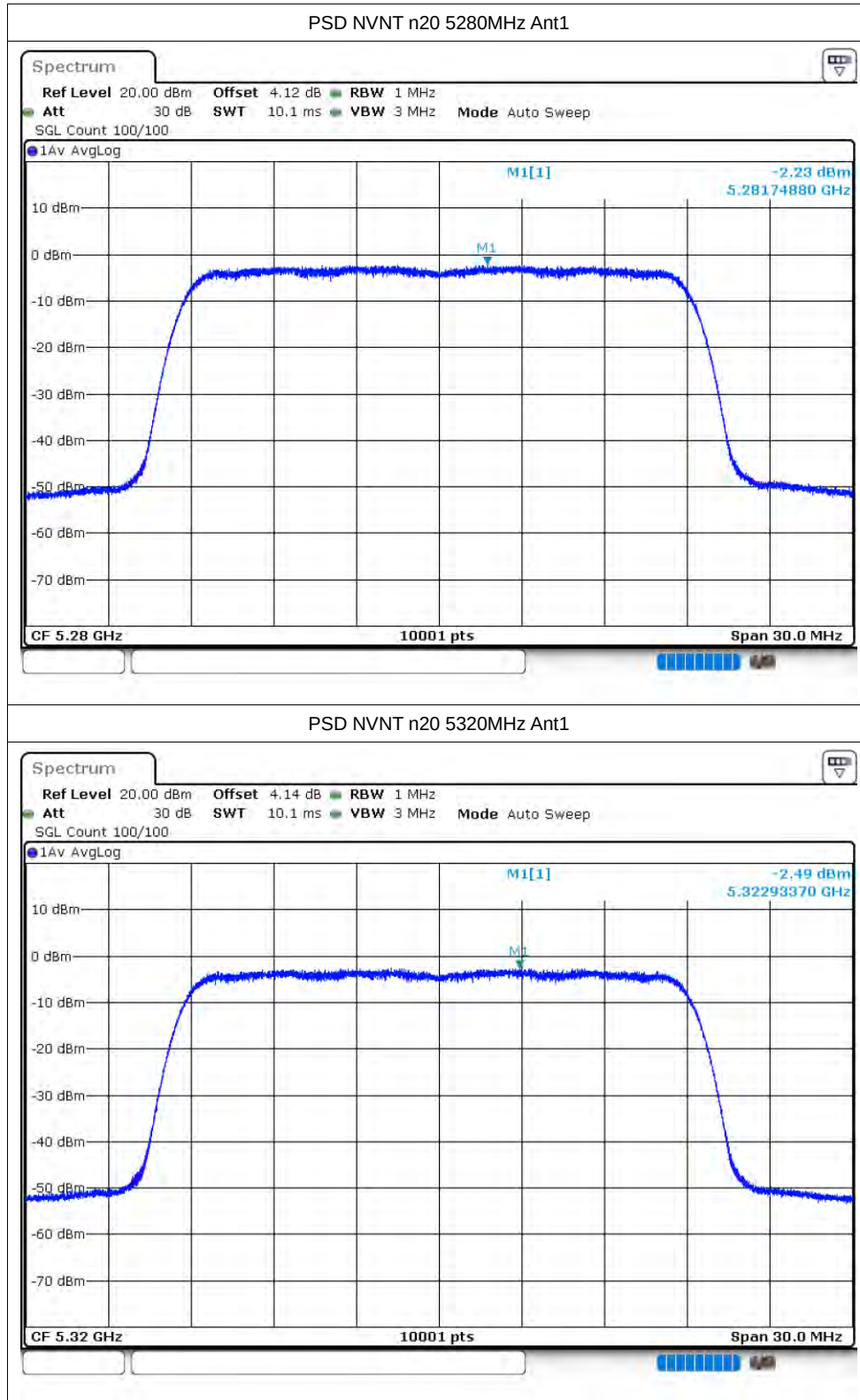


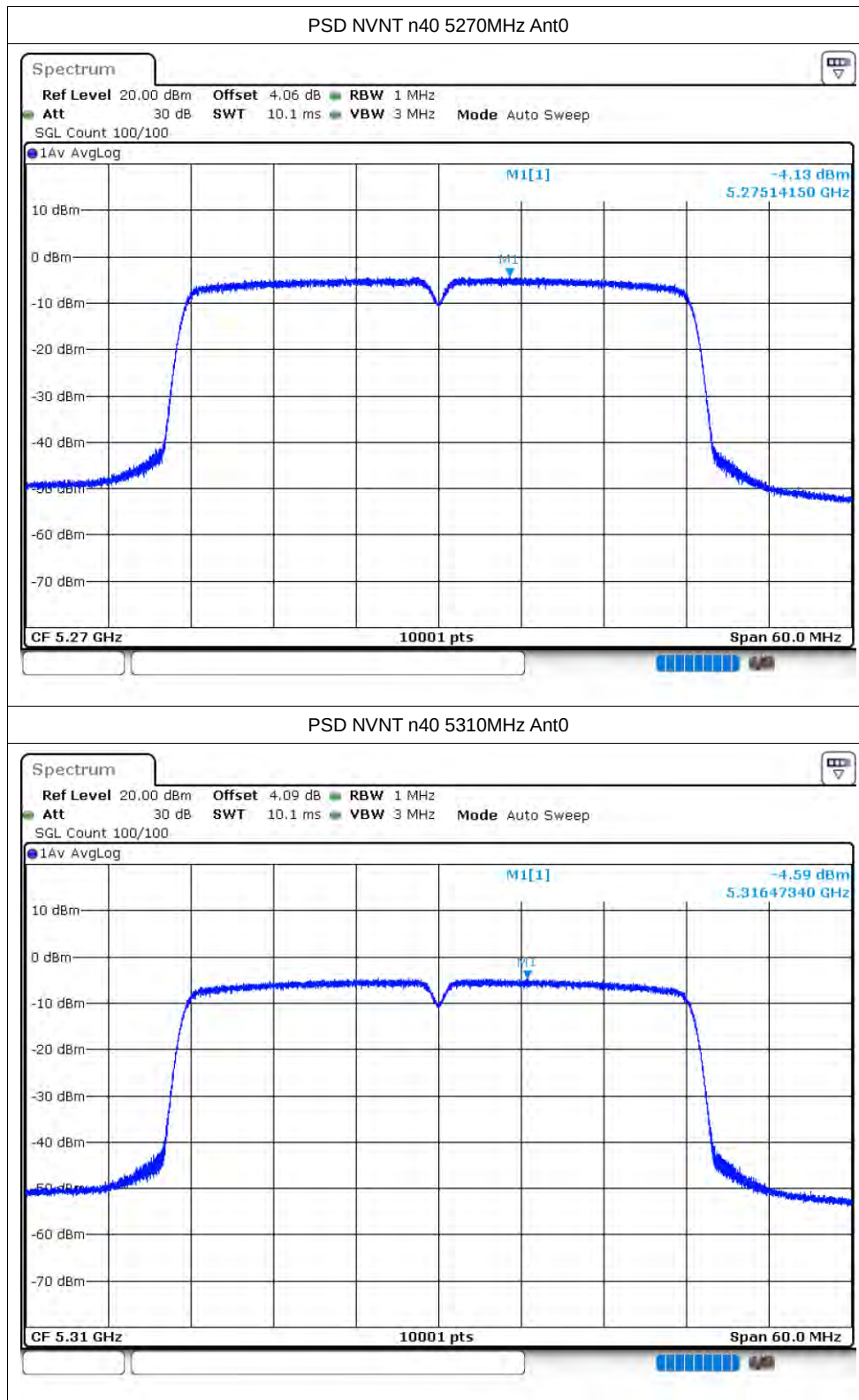
PSD NVNT a 5320MHz Ant1

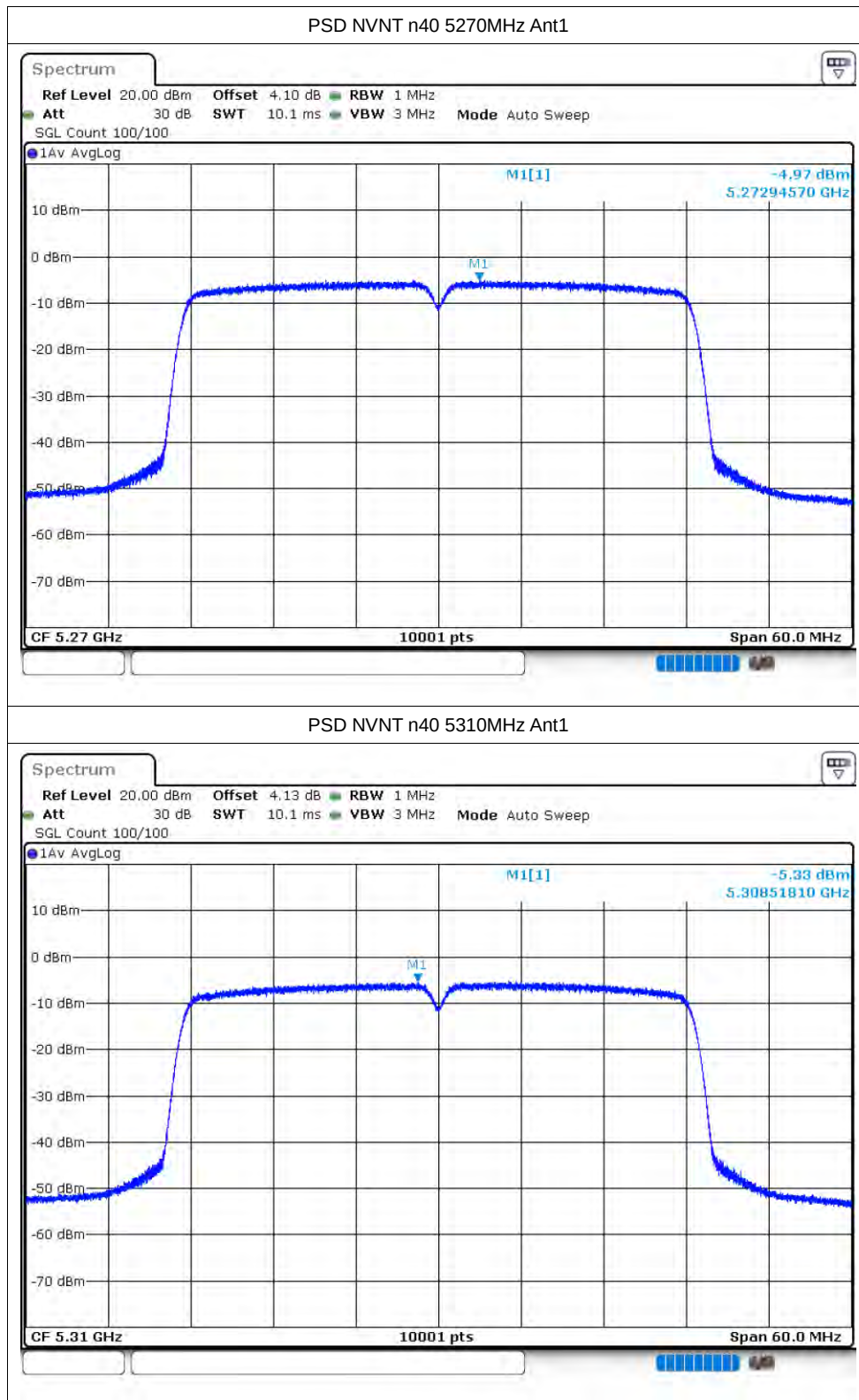


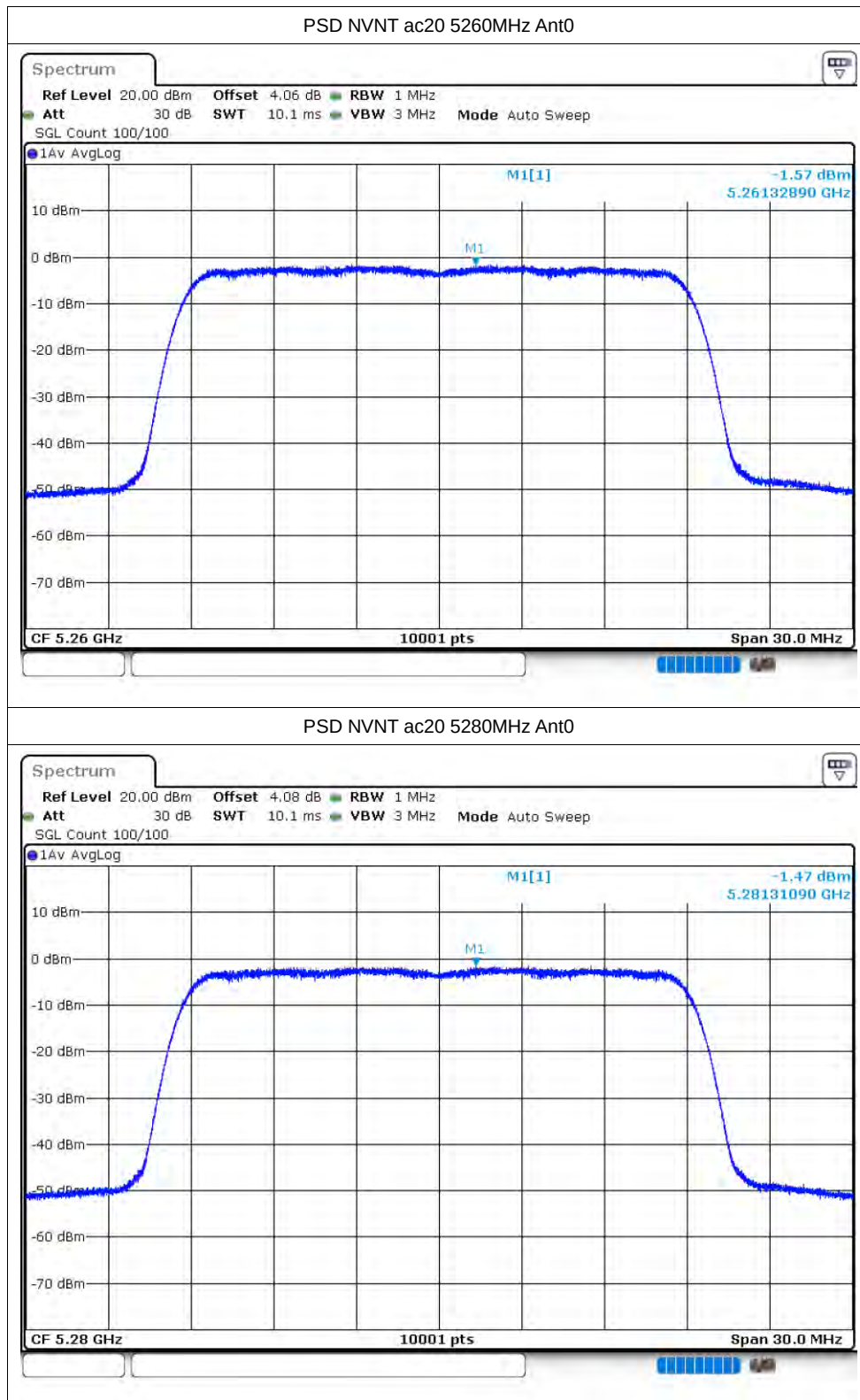


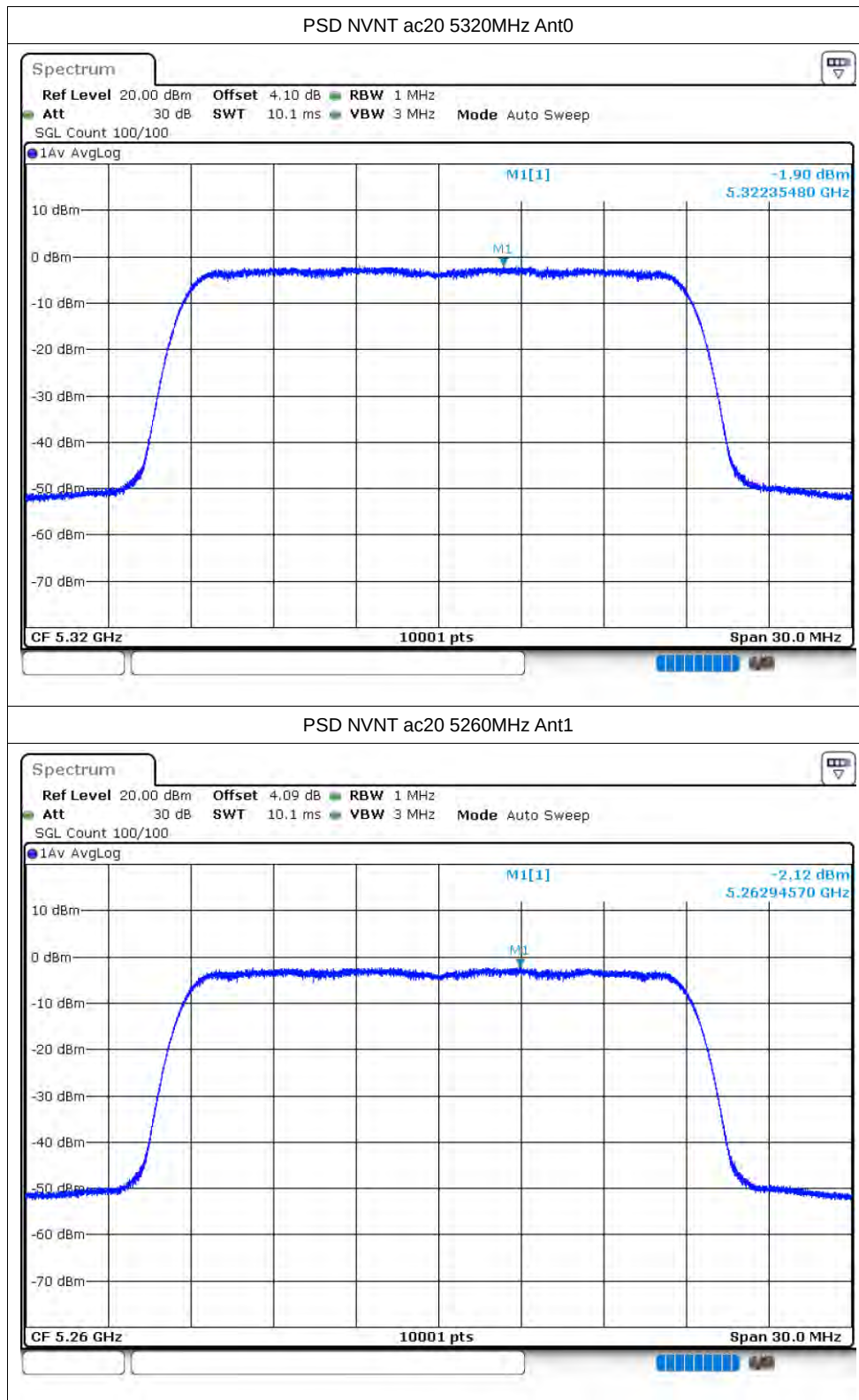


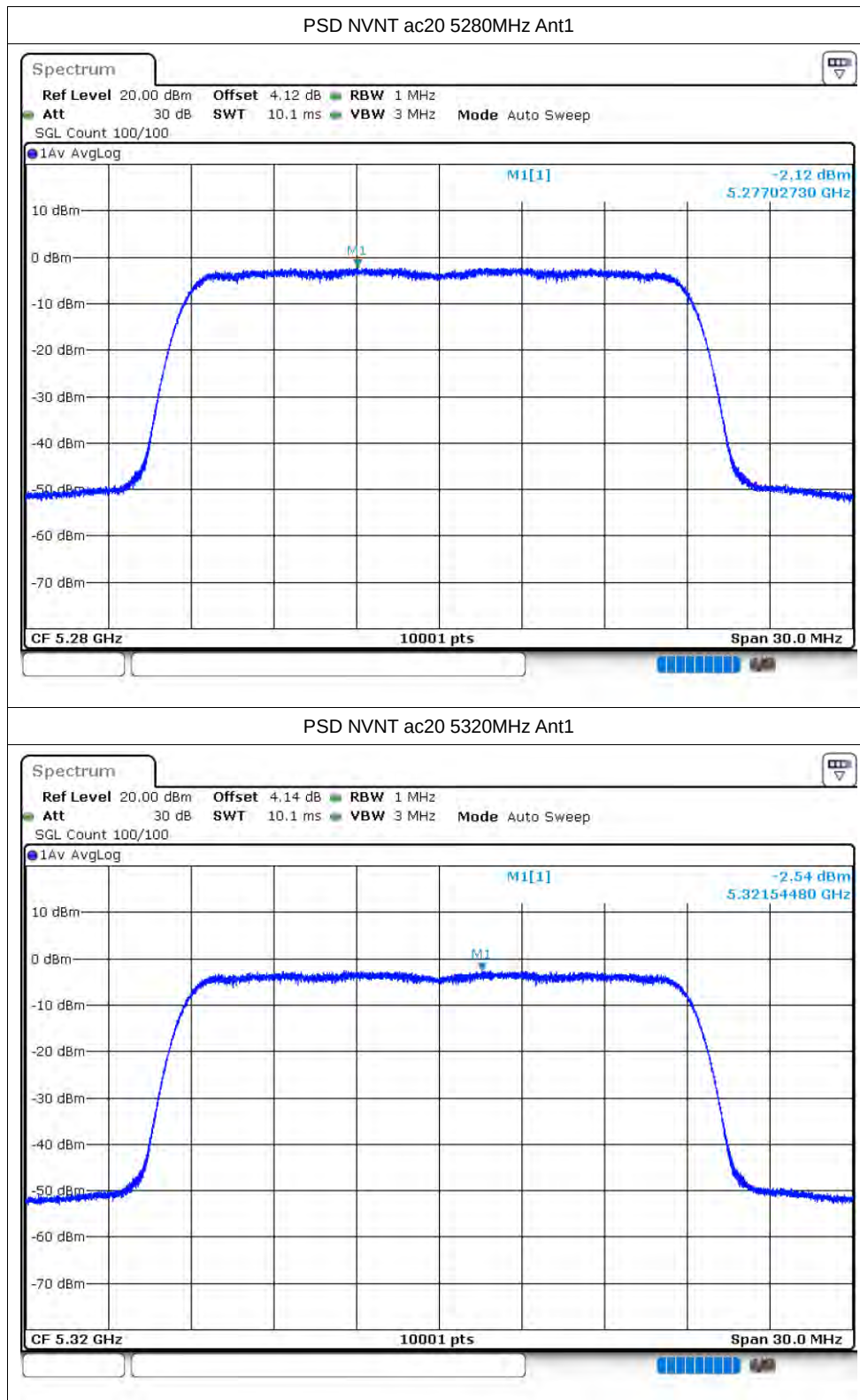


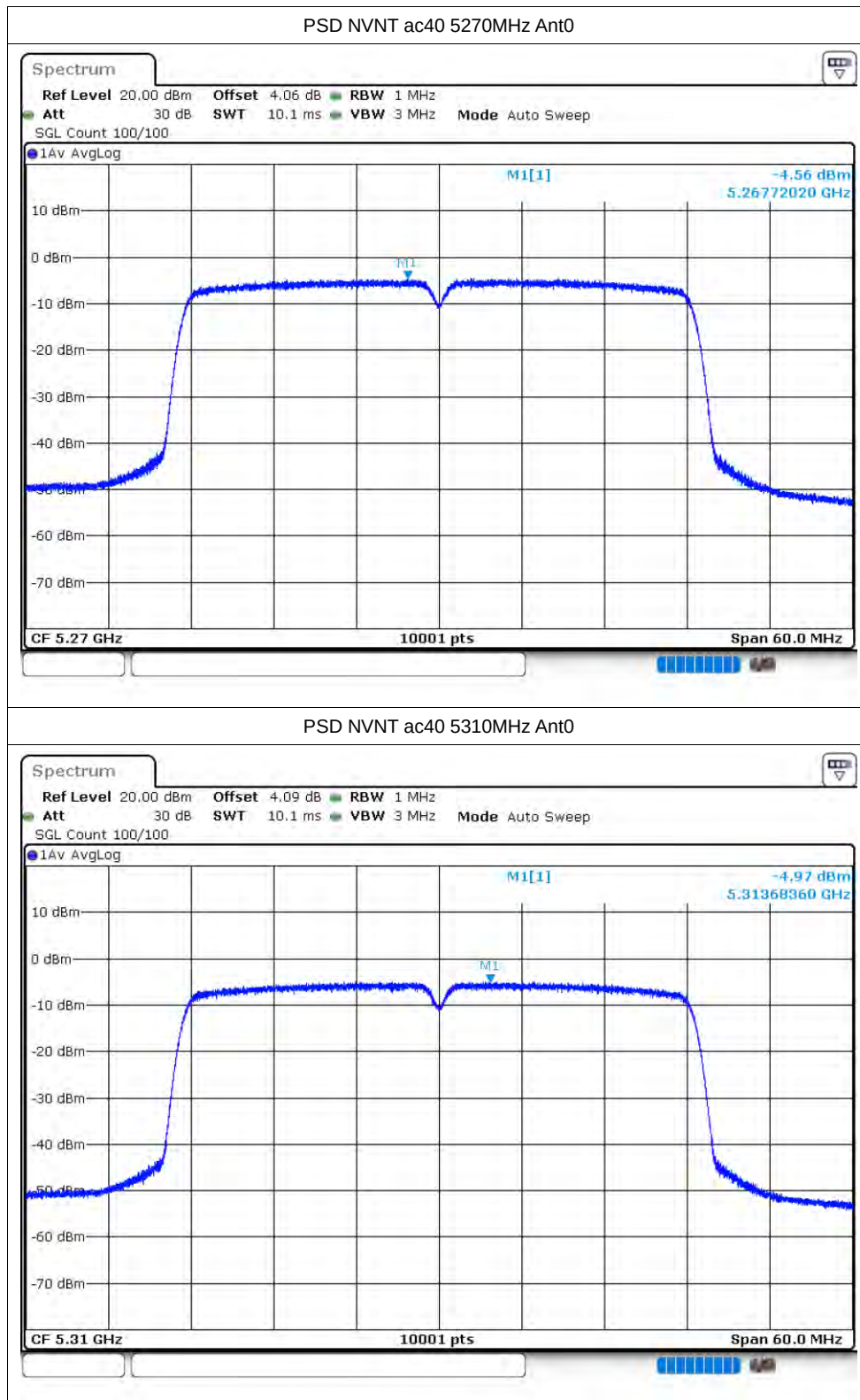


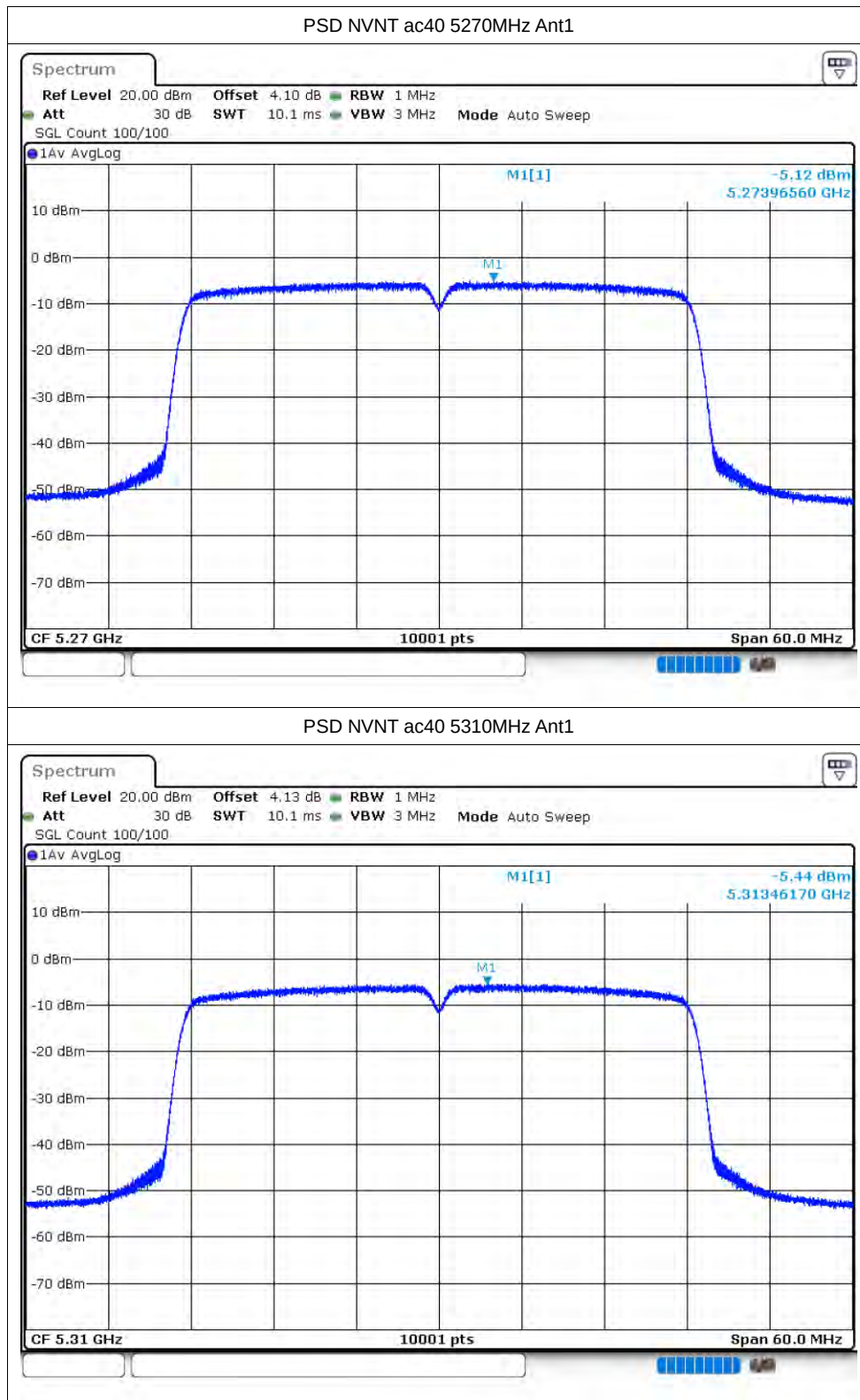


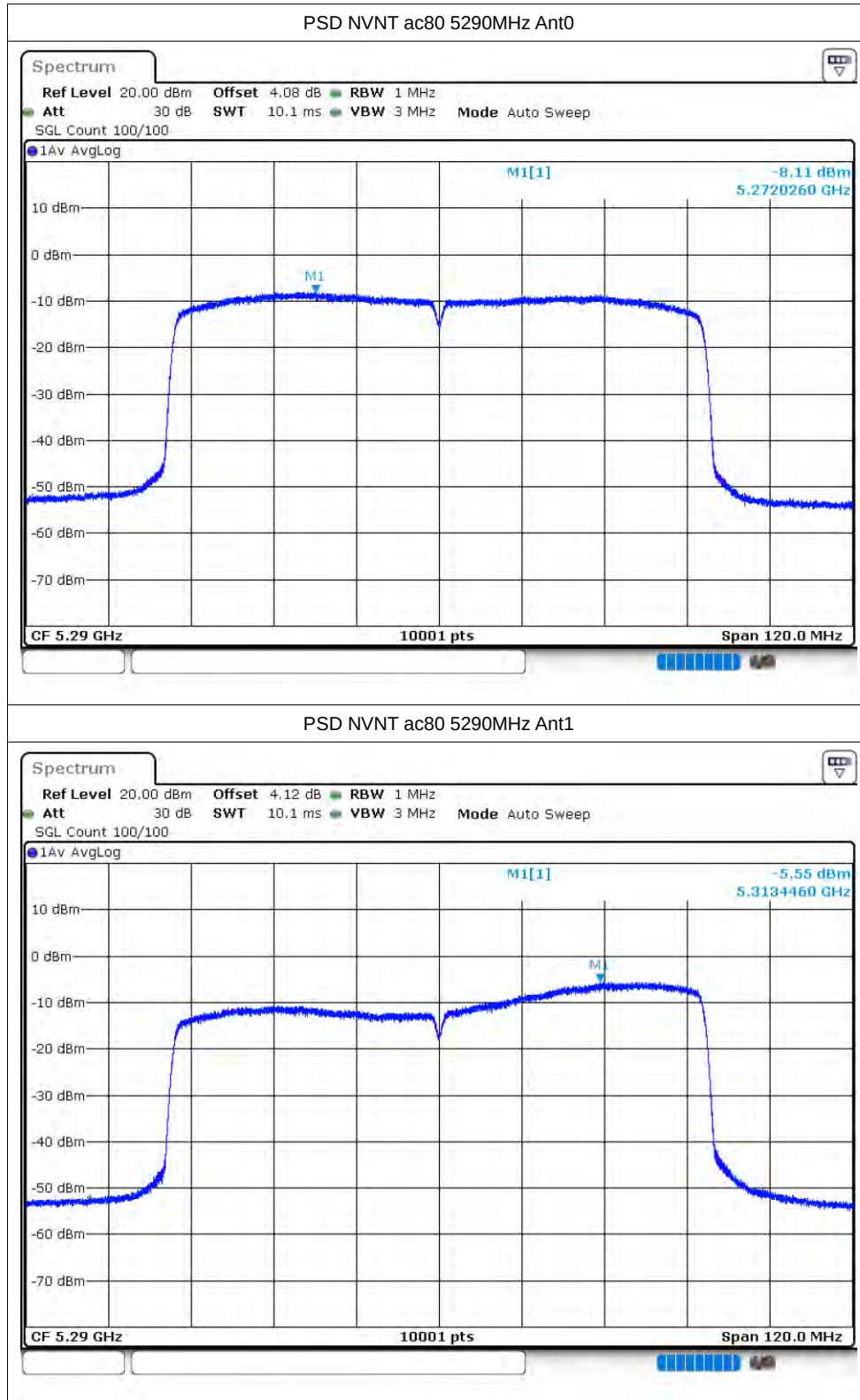












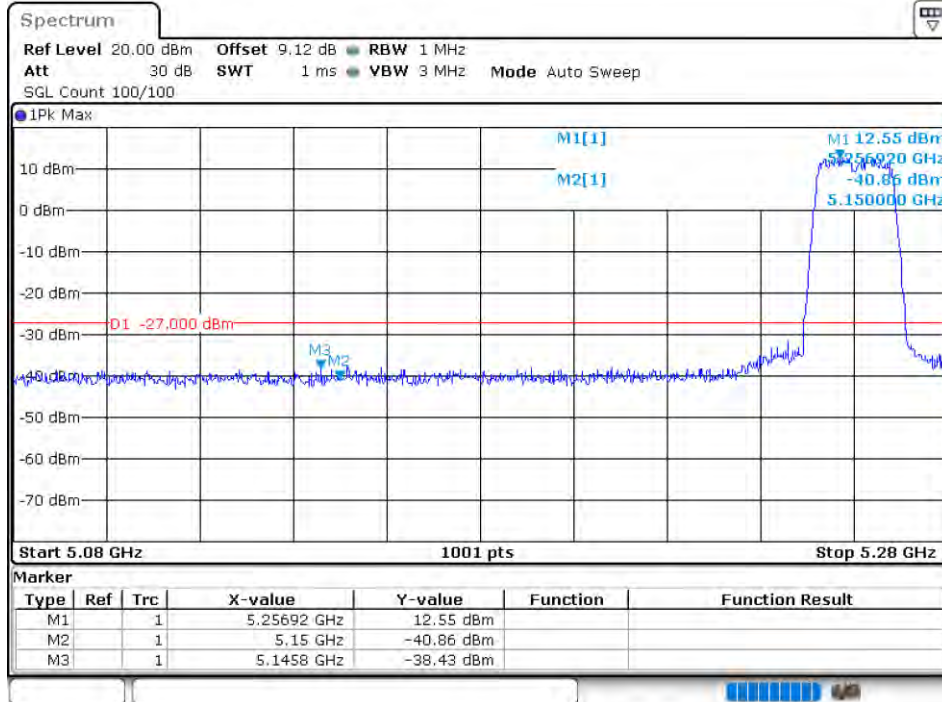
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant0	-38.42	-27	Pass
NVNT	a	5320	Ant0	-37.05	-27	Pass
NVNT	a	5260	Ant1	-37.41	-27	Pass
NVNT	a	5320	Ant1	-37.32	-27	Pass
NVNT	n20	5260	Ant0	-38.1	-27	Pass
NVNT	n20	5320	Ant0	-37.22	-27	Pass
NVNT	n20	5260	Ant1	-37.26	-27	Pass
NVNT	n20	5320	Ant1	-36.66	-27	Pass
NVNT	n40	5270	Ant0	-38.15	-27	Pass
NVNT	n40	5310	Ant0	-37.19	-27	Pass
NVNT	n40	5270	Ant1	-38.07	-27	Pass
NVNT	n40	5310	Ant1	-36.44	-27	Pass
NVNT	ac20	5260	Ant0	-38.37	-27	Pass
NVNT	ac20	5320	Ant0	-36.91	-27	Pass
NVNT	ac20	5260	Ant1	-37.1	-27	Pass
NVNT	ac20	5320	Ant1	-36.9	-27	Pass
NVNT	ac40	5270	Ant0	-38.2	-27	Pass
NVNT	ac40	5310	Ant0	-35.9	-27	Pass
NVNT	ac40	5270	Ant1	-37.46	-27	Pass
NVNT	ac40	5310	Ant1	-36.68	-27	Pass
NVNT	ac80	5290	Ant0	-38.73	-27	Pass
NVNT	ac80	5290	Ant0	-37.08	-27	Pass
NVNT	ac80	5290	Ant1	-37.98	-27	Pass
NVNT	ac80	5290	Ant1	-36.75	-27	Pass

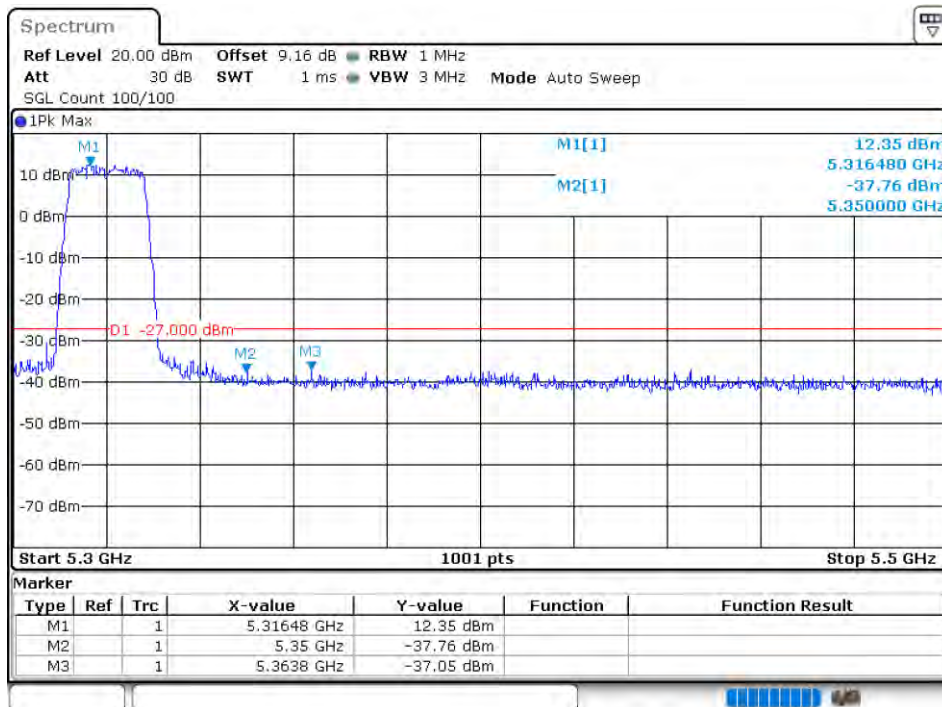
Note: This test has increased antenna gain .

Test Graphs

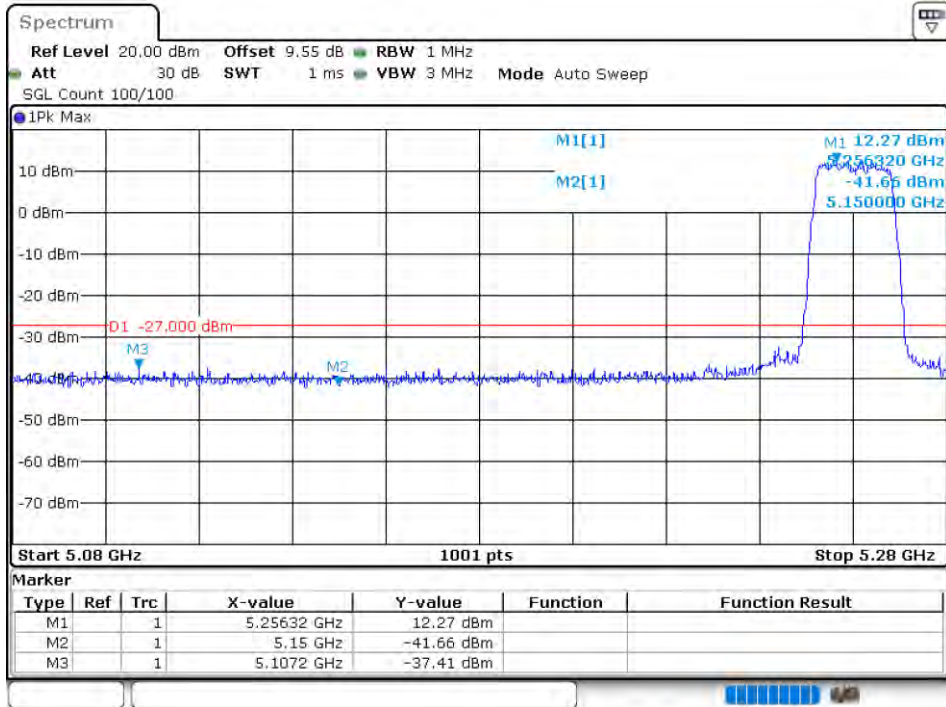
Band Edge NVNT a 5260MHz Low Ant0



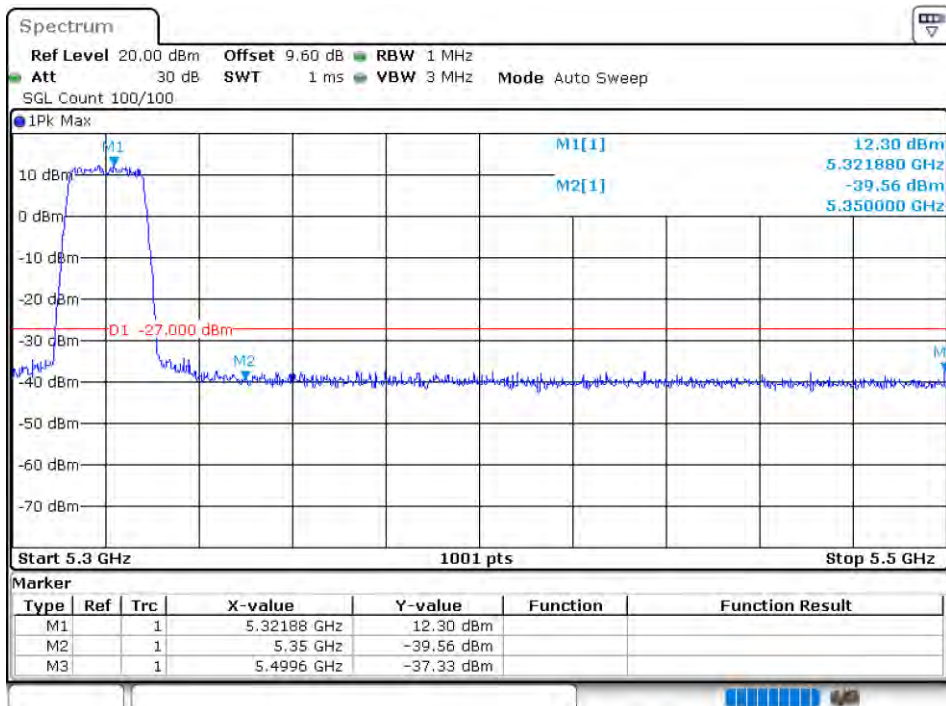
Band Edge NVNT a 5320MHz High Ant0



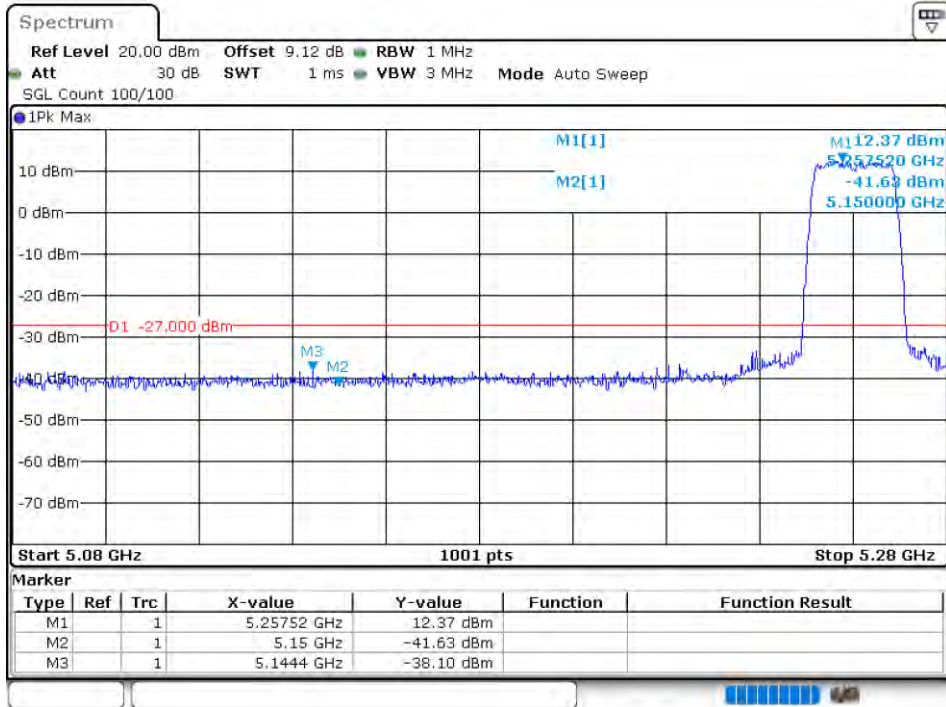
Band Edge NVNT a 5260MHz Low Ant1



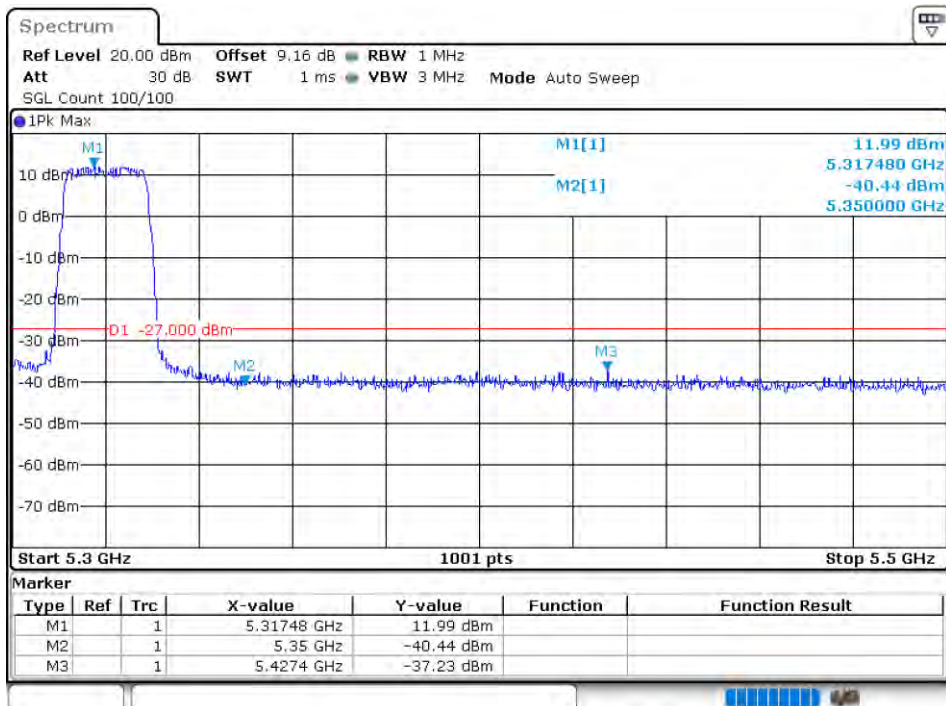
Band Edge NVNT a 5320MHz High Ant1



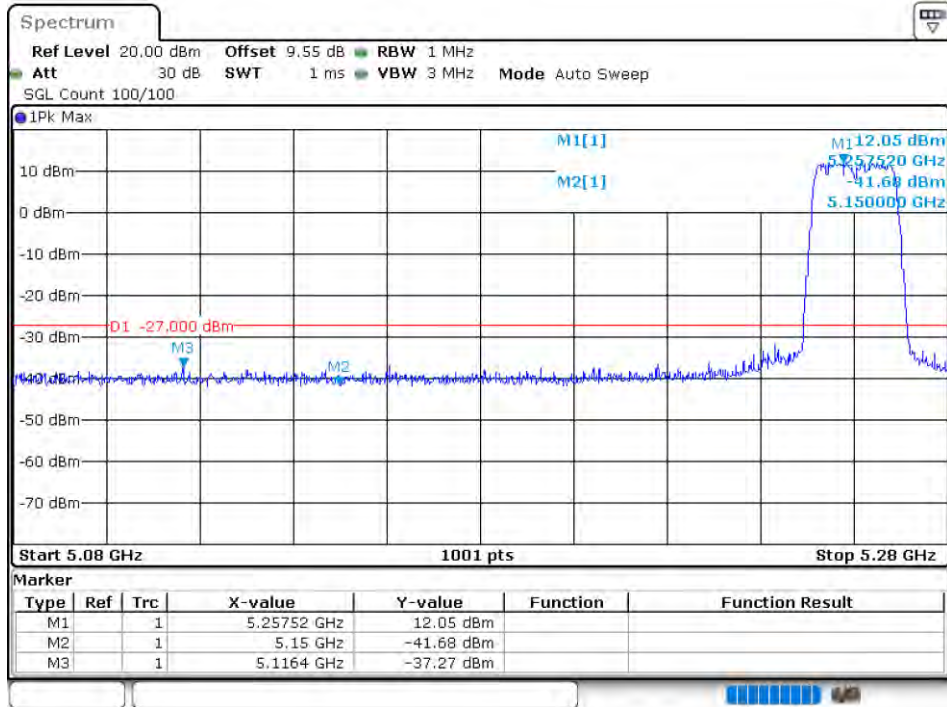
Band Edge NVNT n20 5260MHz Low Ant0



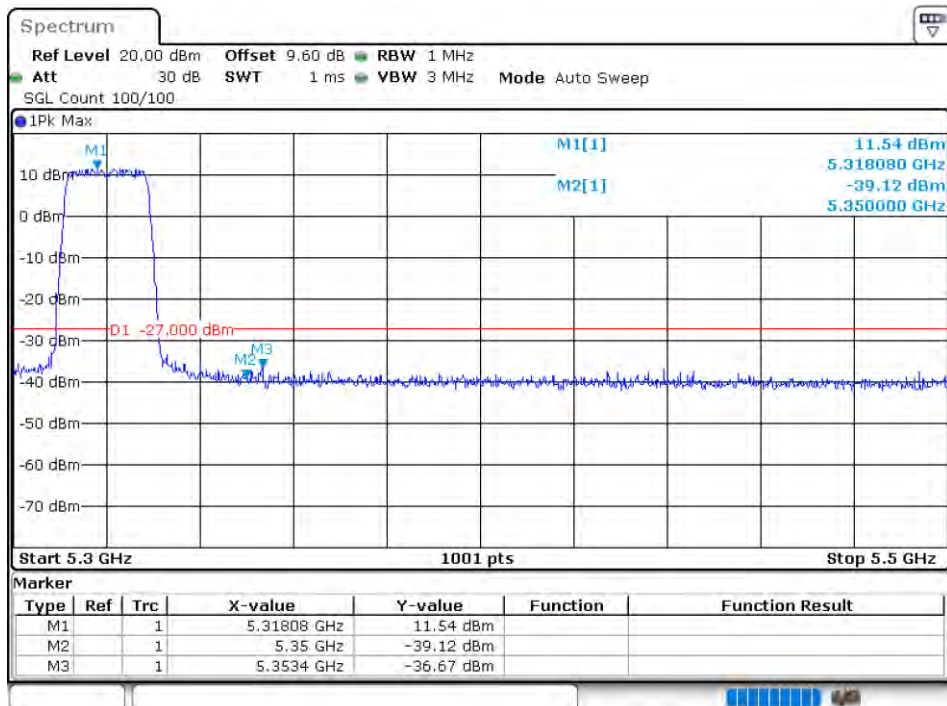
Band Edge NVNT n20 5320MHz High Ant0



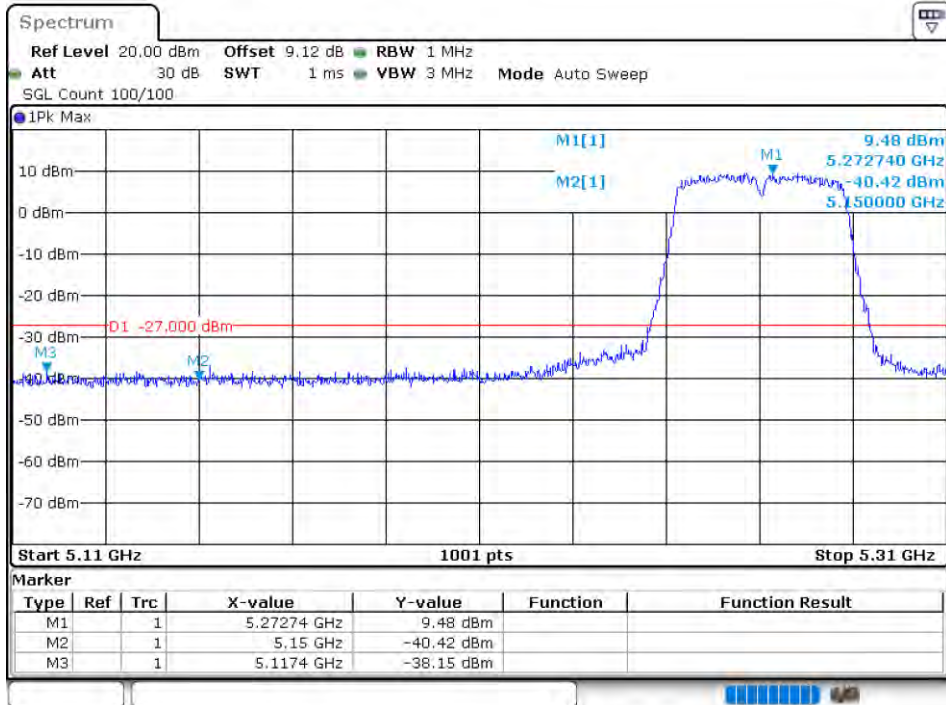
Band Edge NVNT n20 5260MHz Low Ant1



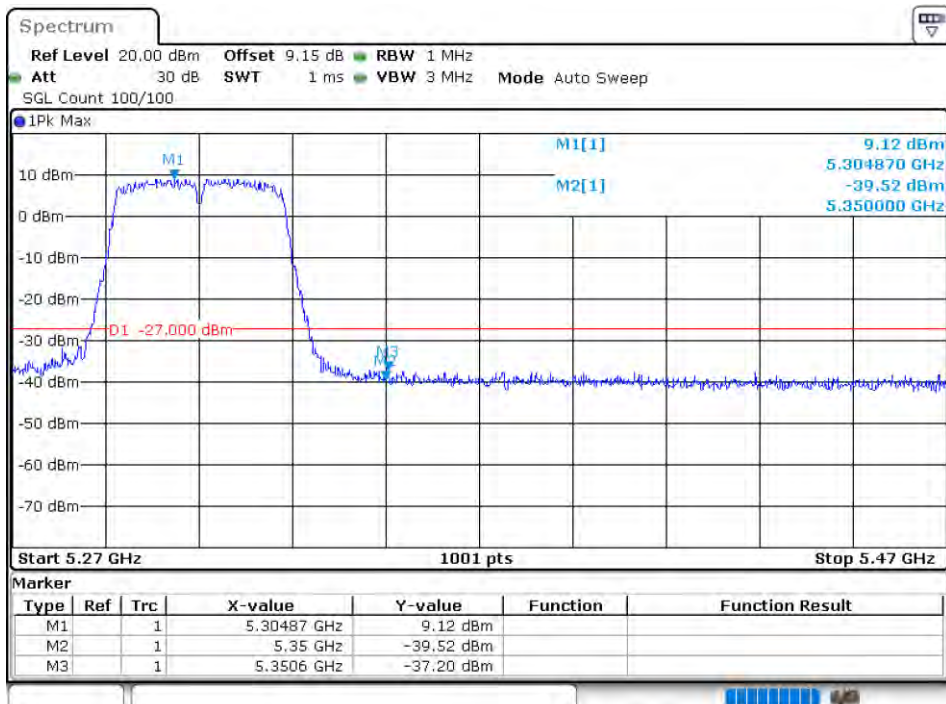
Band Edge NVNT n20 5320MHz High Ant1



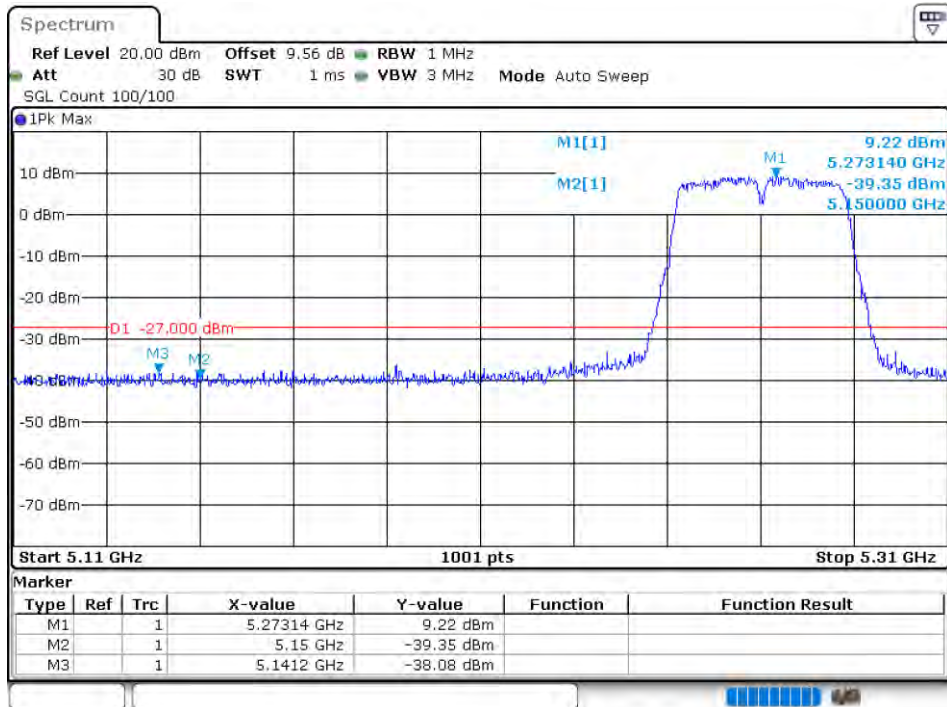
Band Edge NVNT n40 5270MHz Low Ant0



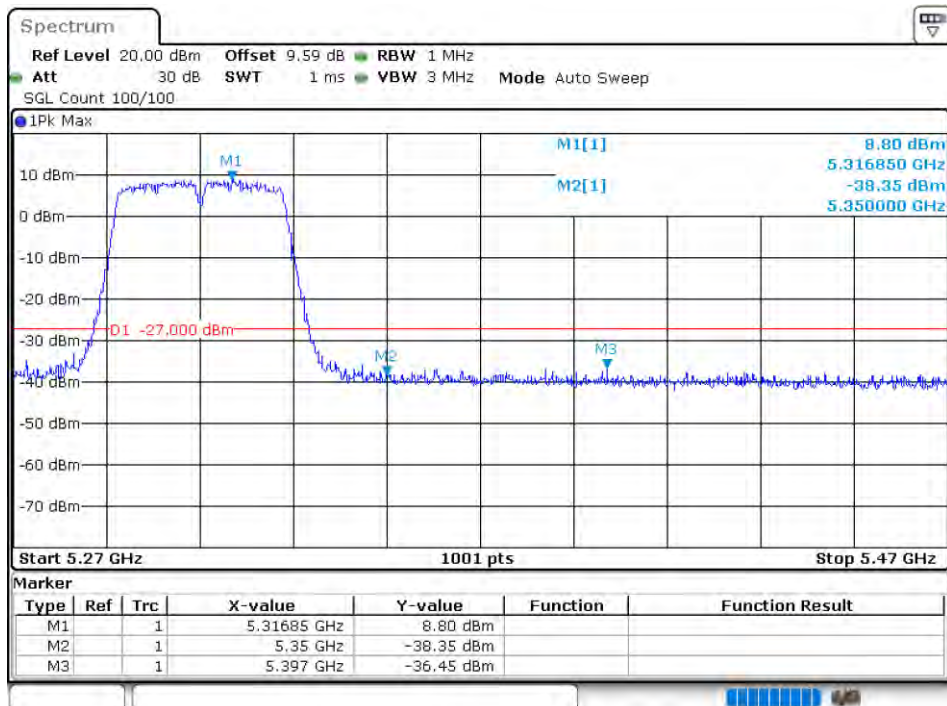
Band Edge NVNT n40 5310MHz High Ant0

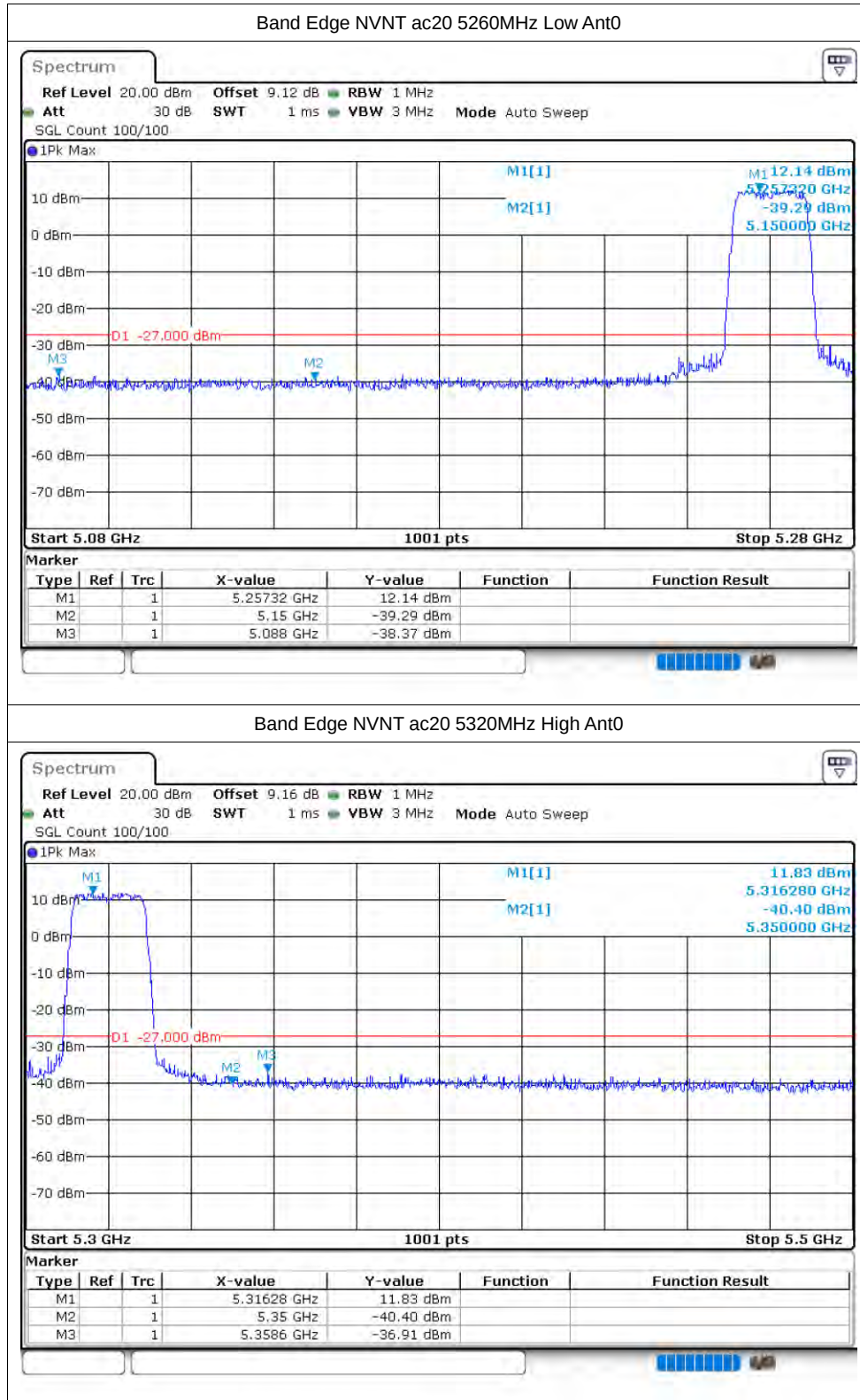


Band Edge NVNT n40 5270MHz Low Ant1

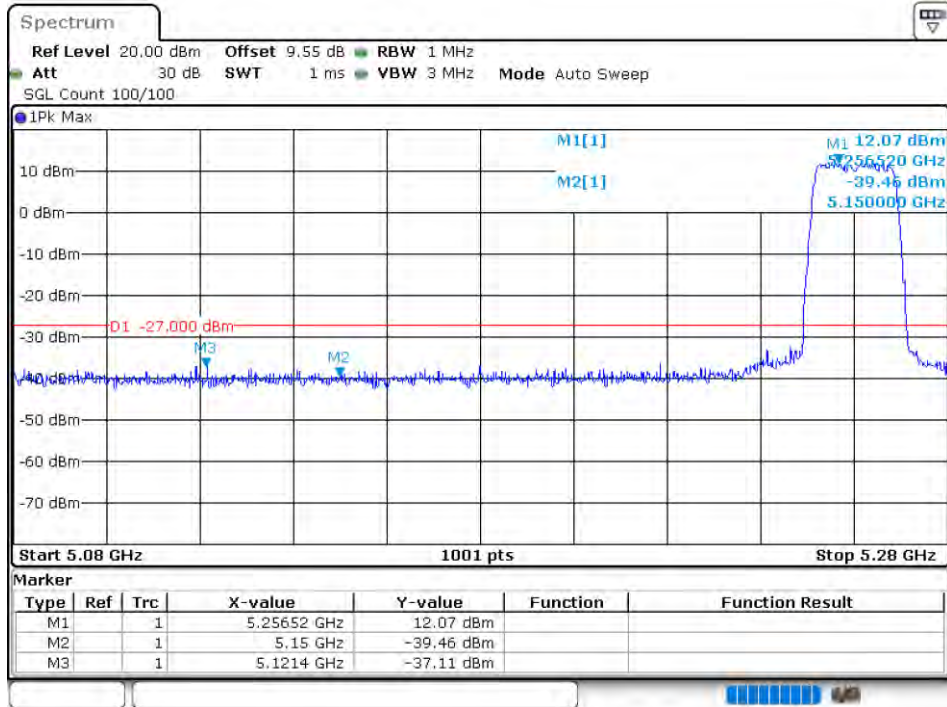


Band Edge NVNT n40 5310MHz High Ant1

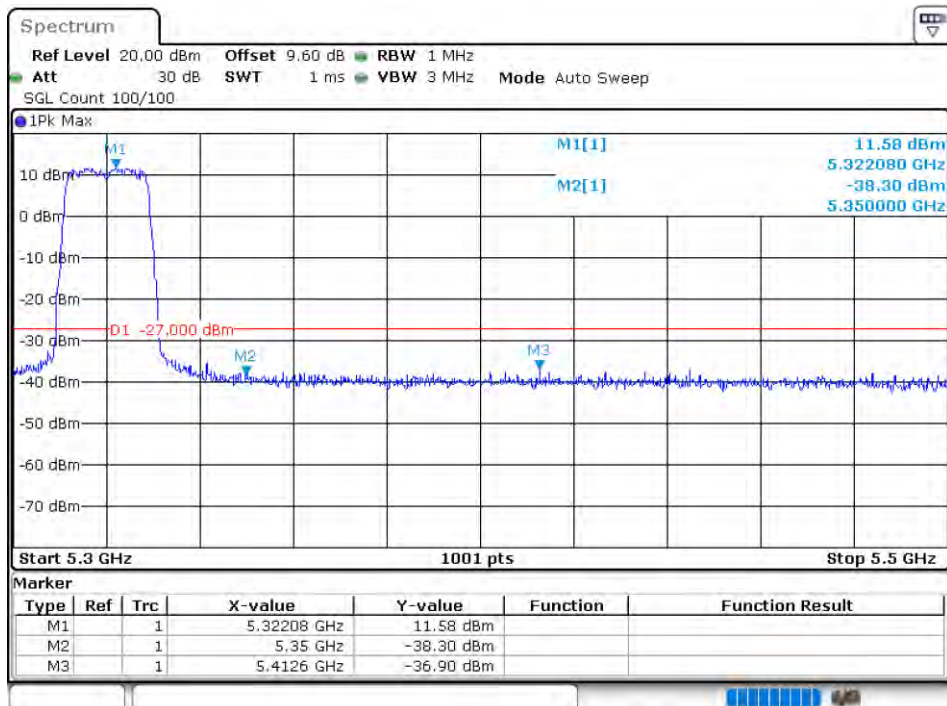




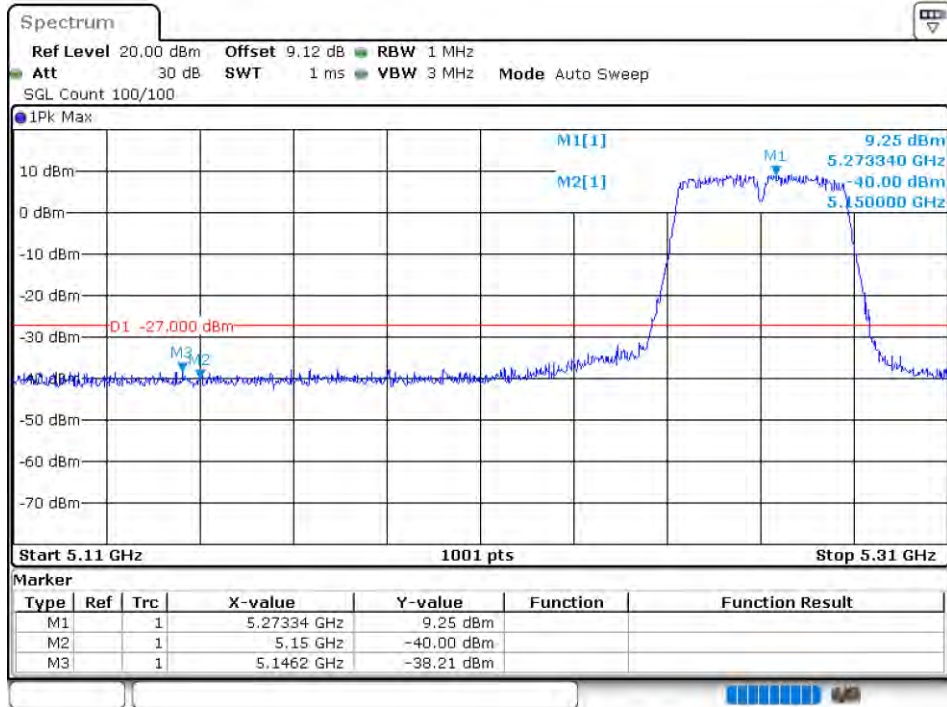
Band Edge NVNT ac20 5260MHz Low Ant1



Band Edge NVNT ac20 5320MHz High Ant1



Band Edge NVNT ac40 5270MHz Low Ant0



Band Edge NVNT ac40 5310MHz High Ant0

