

5.2G WIFI

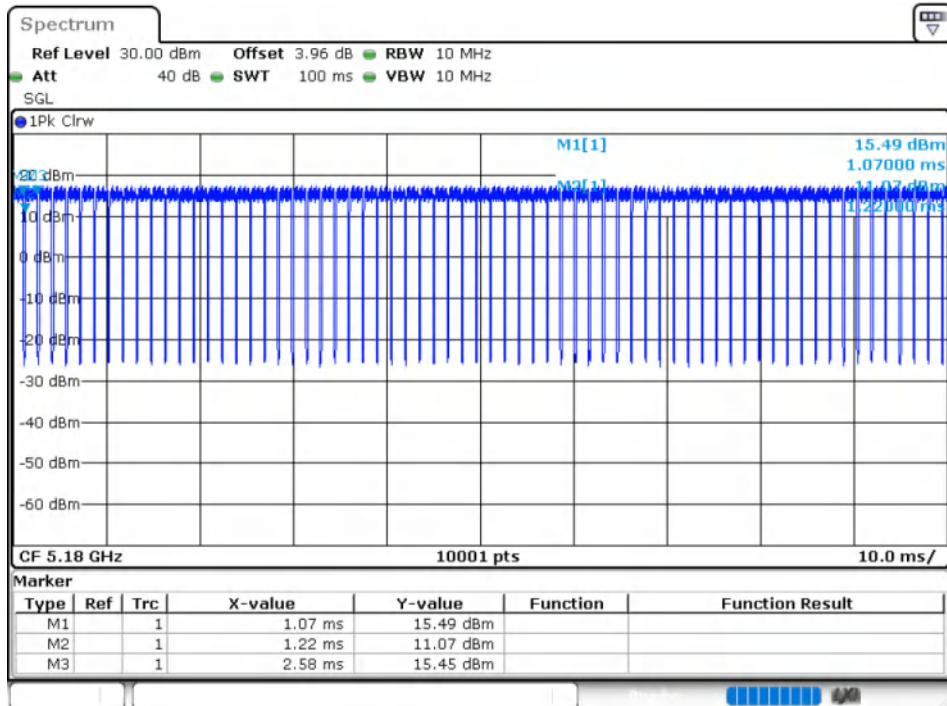
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	90.6	0.43	0.74
NVNT	a	5200	Ant1	90.59	0.43	0.74
NVNT	a	5240	Ant1	90.59	0.43	0.74
NVNT	a	5180	Ant2	90.62	0.43	0.74
NVNT	a	5200	Ant2	90.48	0.43	0.74
NVNT	a	5240	Ant2	90.6	0.43	0.74
NVNT	n20	5180	Ant1	89.01	0.51	0.87
NVNT	n20	5200	Ant1	89.03	0.5	0.88
NVNT	n20	5240	Ant1	89.04	0.5	0.87
NVNT	n20	5180	Ant2	89.03	0.5	0.87
NVNT	n20	5200	Ant2	89.04	0.5	0.87
NVNT	n20	5240	Ant2	89.03	0.5	0.87
NVNT	n40	5190	Ant1	80.34	0.95	1.72
NVNT	n40	5230	Ant1	80.38	0.95	1.72
NVNT	n40	5190	Ant2	80.31	0.95	1.75
NVNT	n40	5230	Ant2	80.37	0.95	1.75
NVNT	ac20	5180	Ant1	89.17	0.5	0.87
NVNT	ac20	5200	Ant1	89.02	0.51	0.87
NVNT	ac20	5240	Ant1	89.01	0.51	0.86
NVNT	ac20	5180	Ant2	89.18	0.5	0.87
NVNT	ac20	5200	Ant2	89.16	0.5	0.87
NVNT	ac20	5240	Ant2	89.02	0.51	0.87
NVNT	ac40	5190	Ant1	80.35	0.95	1.75
NVNT	ac40	5230	Ant1	80.39	0.95	1.75
NVNT	ac40	5190	Ant2	80.46	0.94	1.75
NVNT	ac40	5230	Ant2	80.45	0.94	1.72
NVNT	ac80	5210	Ant1	67.7	1.69	3.45
NVNT	ac80	5210	Ant2	67.65	1.7	3.45
NVNT	ax20	5180	Ant1	87.57	0.58	1.02
NVNT	ax20	5200	Ant1	87.46	0.58	1.01
NVNT	ax20	5240	Ant1	87.47	0.58	1.01
NVNT	ax20	5180	Ant2	87.48	0.58	1.02
NVNT	ax20	5200	Ant2	87.61	0.57	1.01
NVNT	ax20	5240	Ant2	87.47	0.58	1.01
NVNT	ax40	5190	Ant1	78.77	1.04	1.92
NVNT	ax40	5230	Ant1	78.94	1.03	1.92
NVNT	ax40	5190	Ant2	78.91	1.03	1.92
NVNT	ax40	5230	Ant2	78.78	1.04	1.92

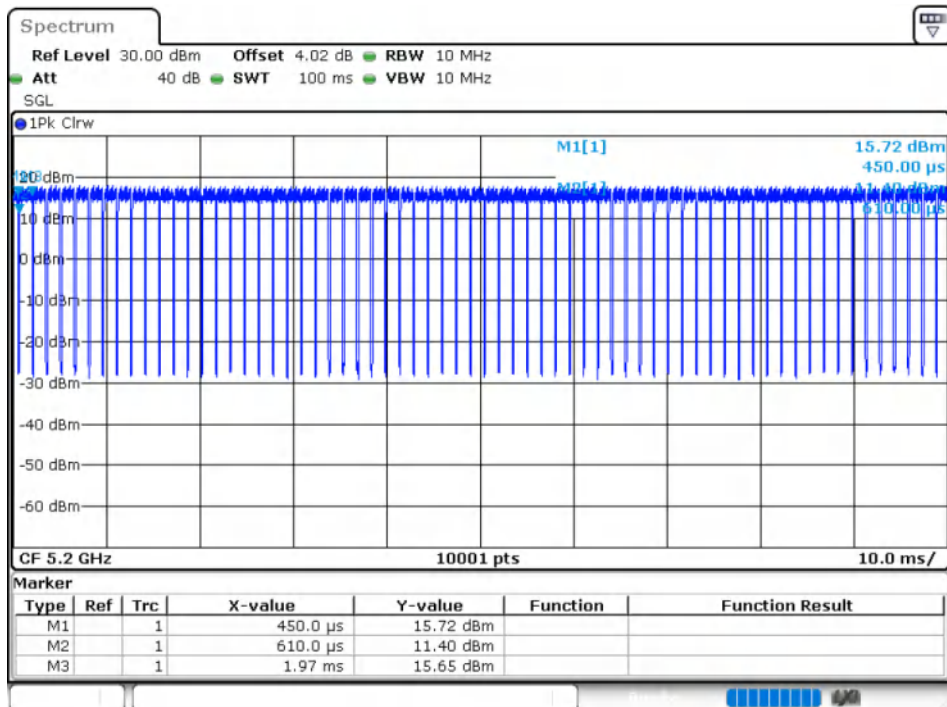
NVNT	ax80	5210	Ant1	67.05	1.74	3.57
NVNT	ax80	5210	Ant2	66.91	1.74	3.57

Test Graphs

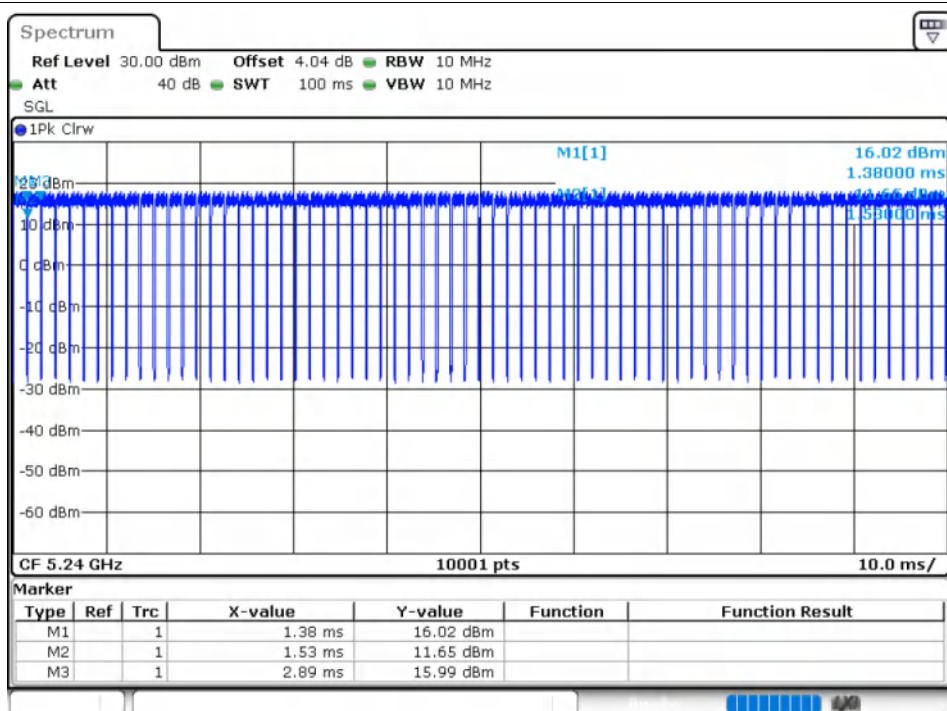
Duty Cycle NVNT a 5180MHz Ant1



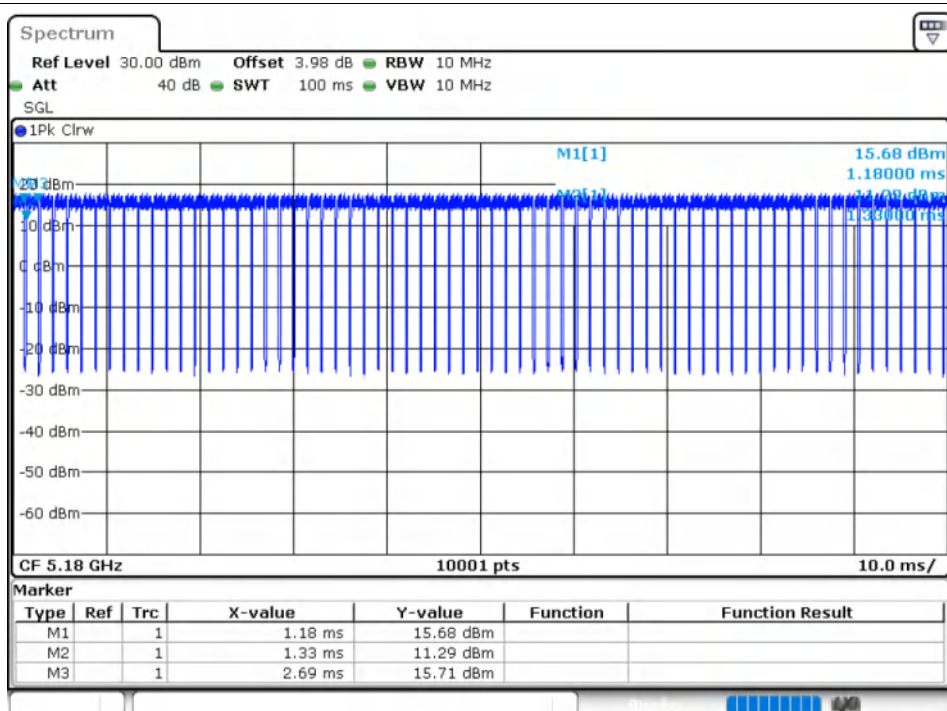
Duty Cycle NVNT a 5200MHz Ant1



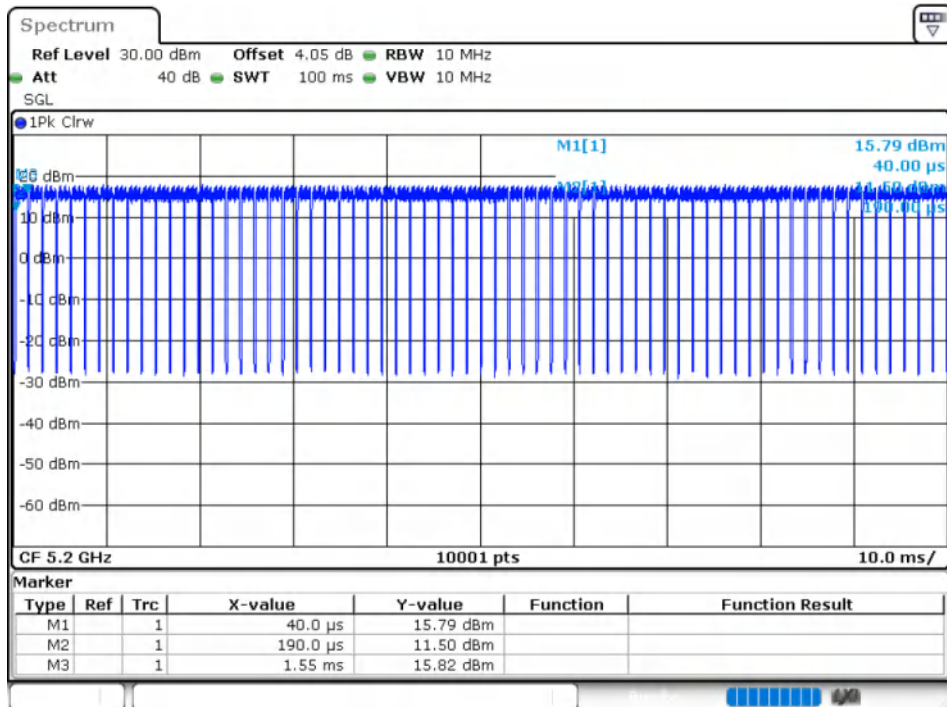
Duty Cycle NVNT a 5240MHz Ant1



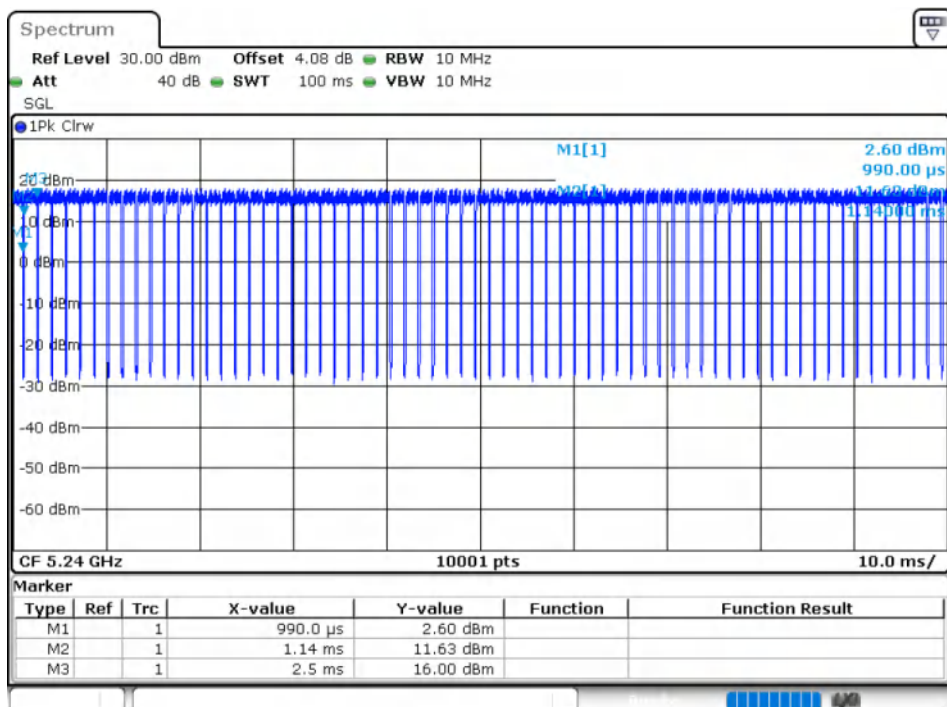
Duty Cycle NVNT a 5180MHz Ant2



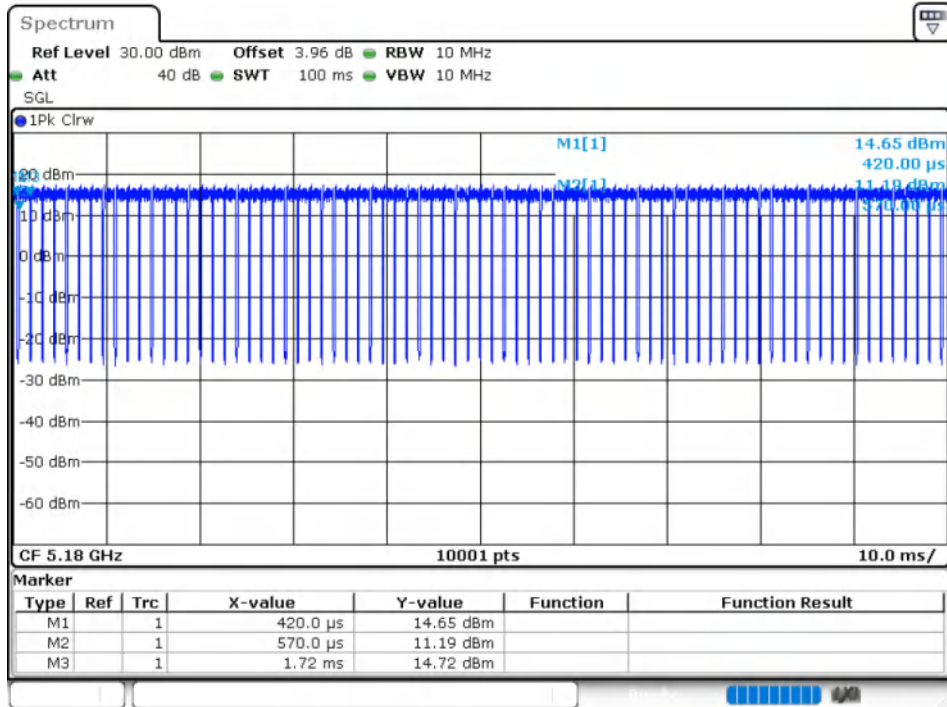
Duty Cycle NVNT a 5200MHz Ant2



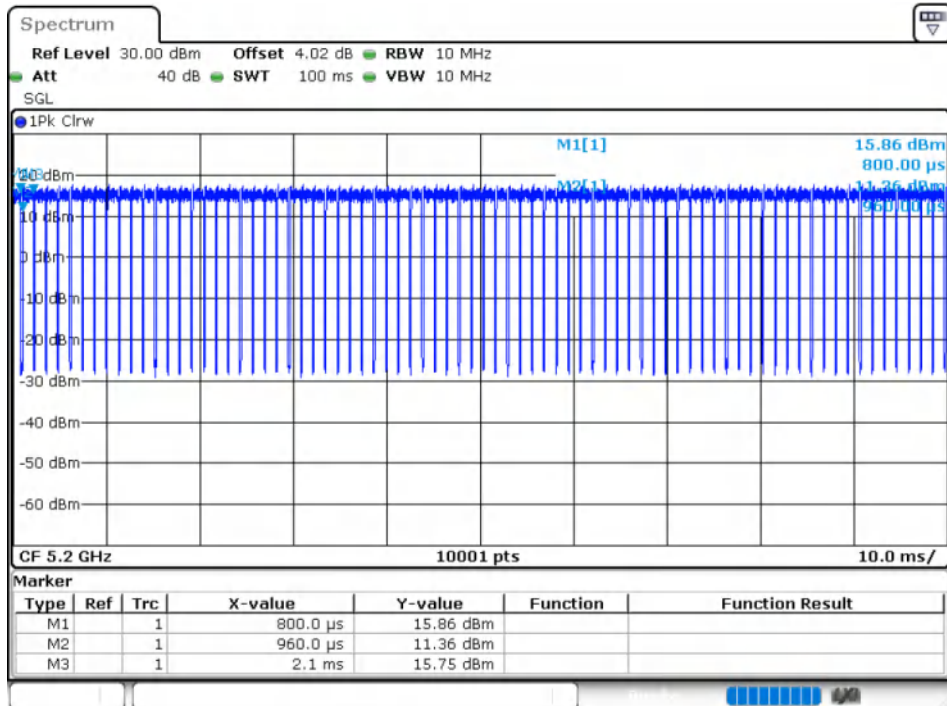
Duty Cycle NVNT a 5240MHz Ant2



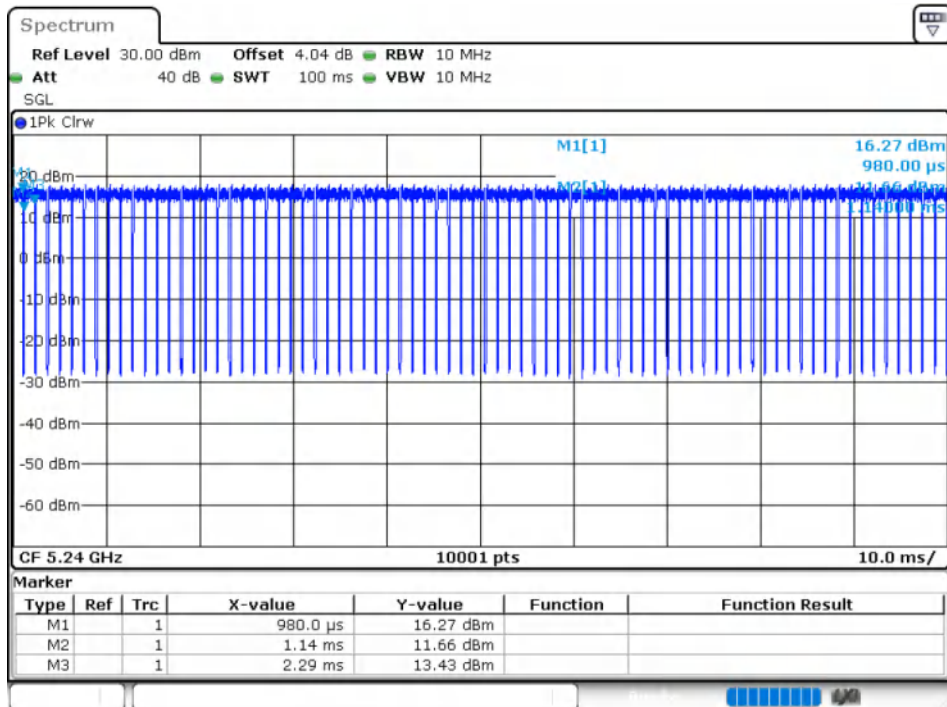
Duty Cycle NVNT n20 5180MHz Ant1



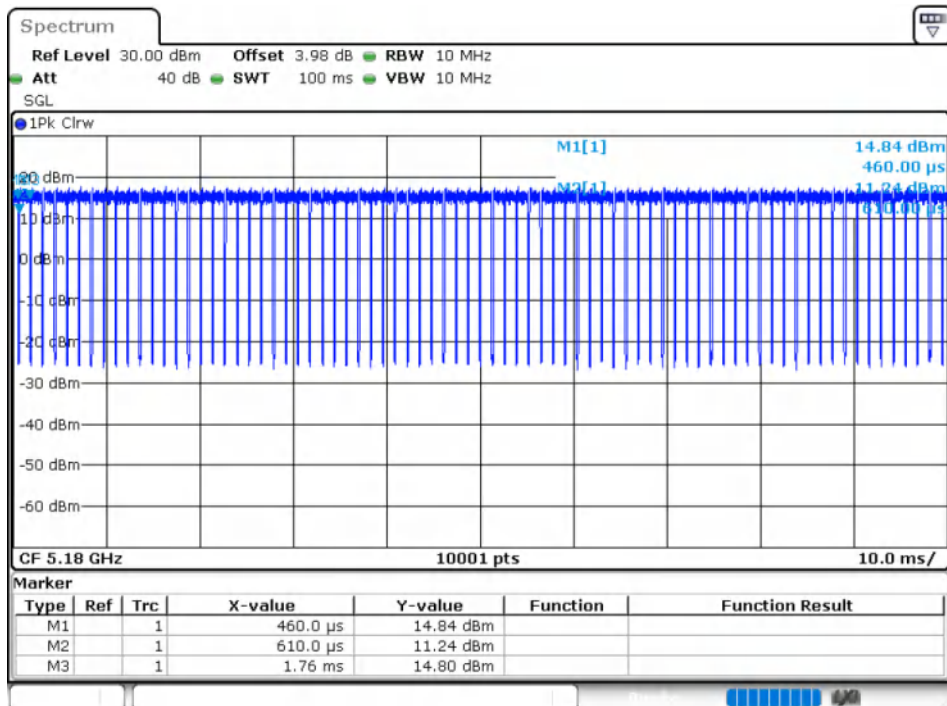
Duty Cycle NVNT n20 5200MHz Ant1



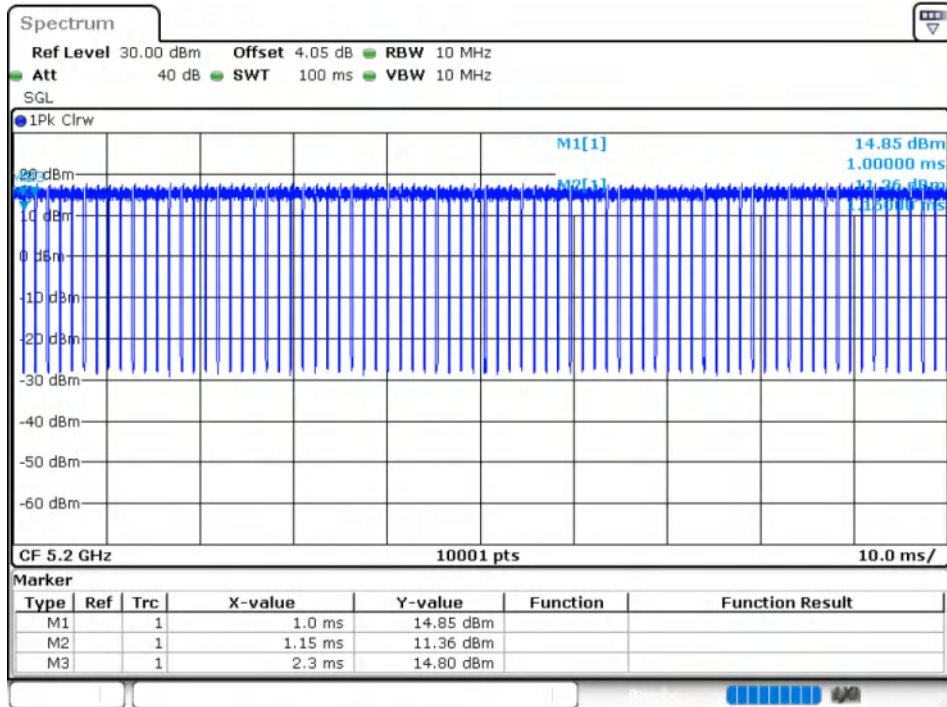
Duty Cycle NVNT n20 5240MHz Ant1



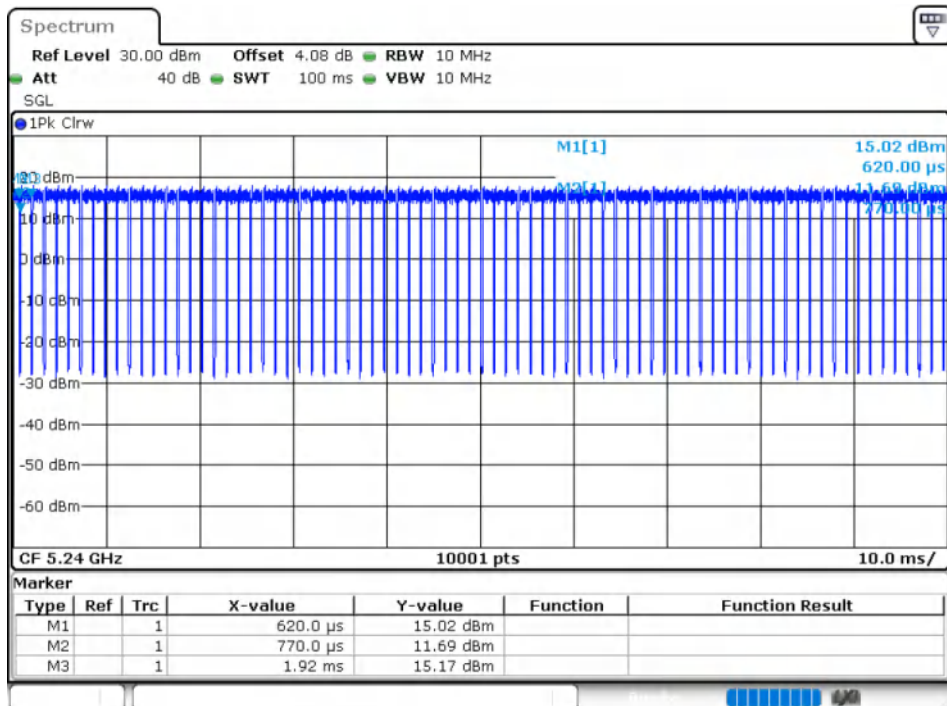
Duty Cycle NVNT n20 5180MHz Ant2



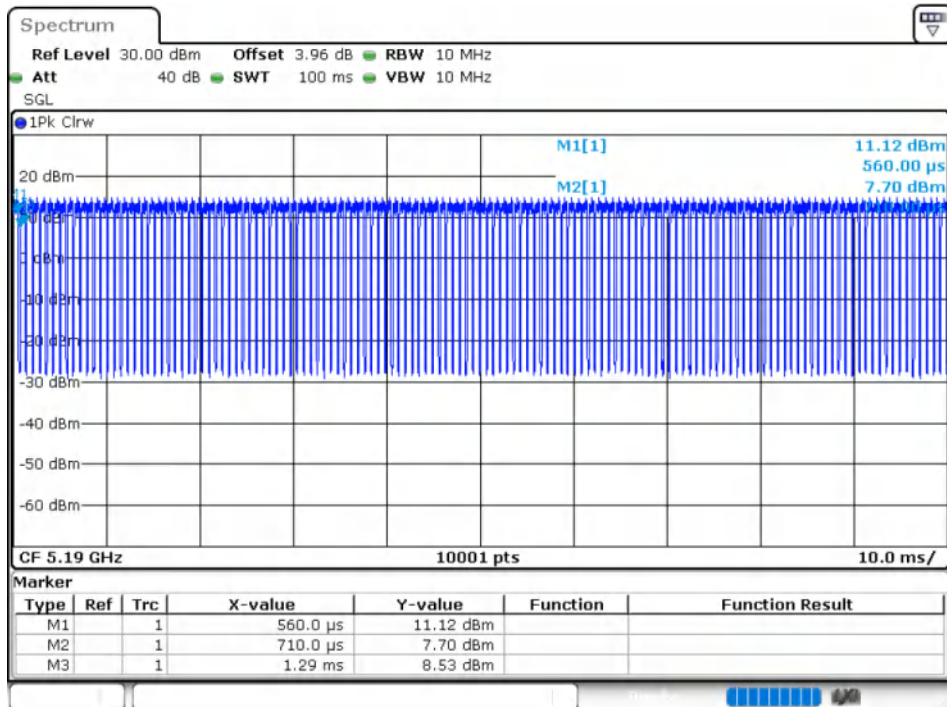
Duty Cycle NVNT n20 5200MHz Ant2



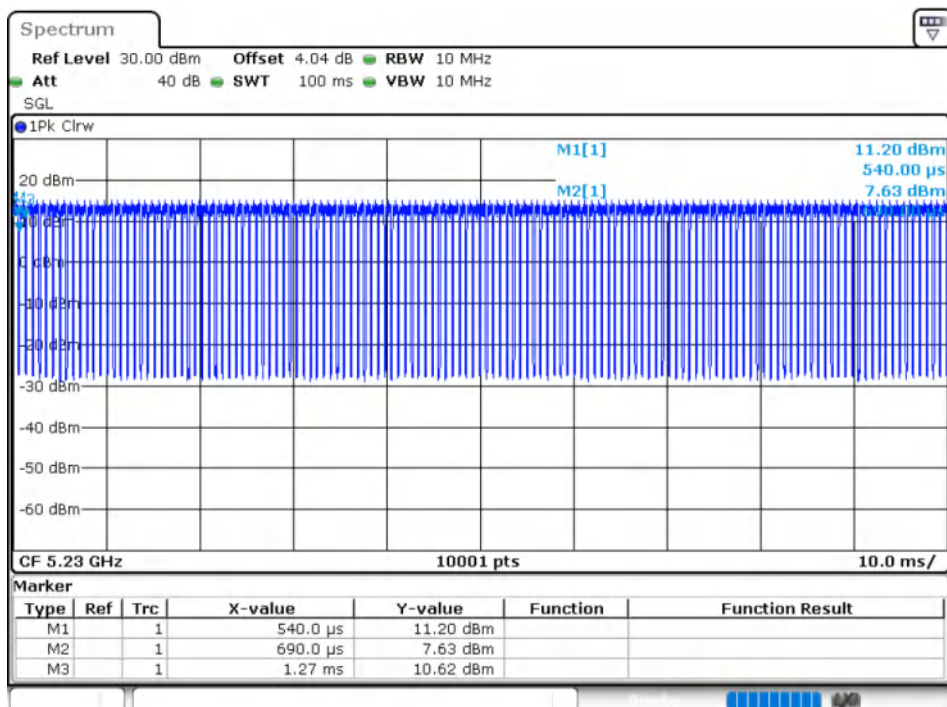
Duty Cycle NVNT n20 5240MHz Ant2



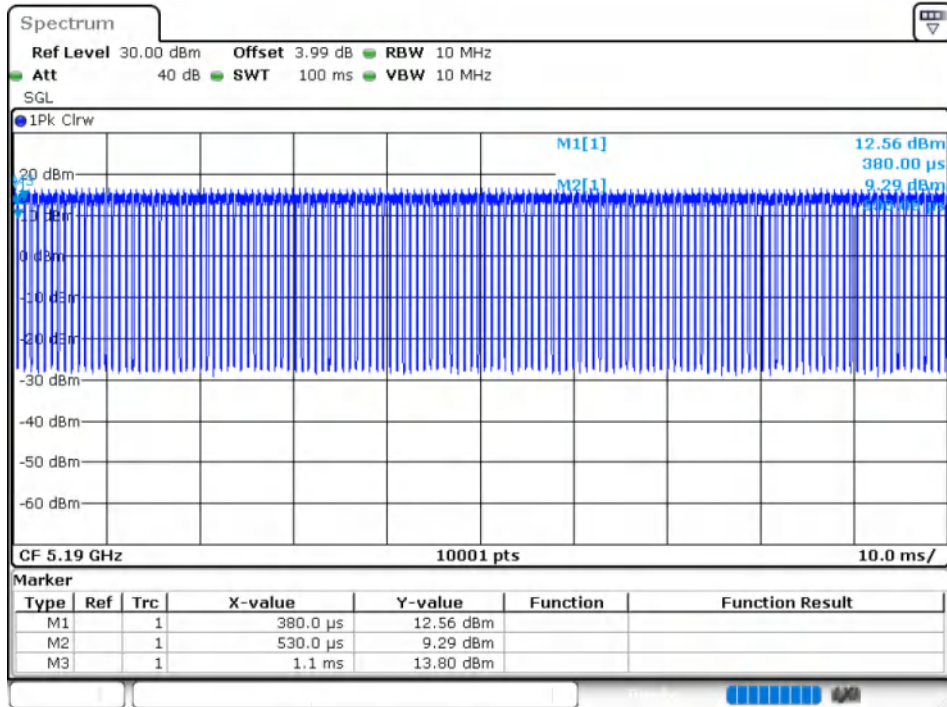
Duty Cycle NVNT n40 5190MHz Ant1



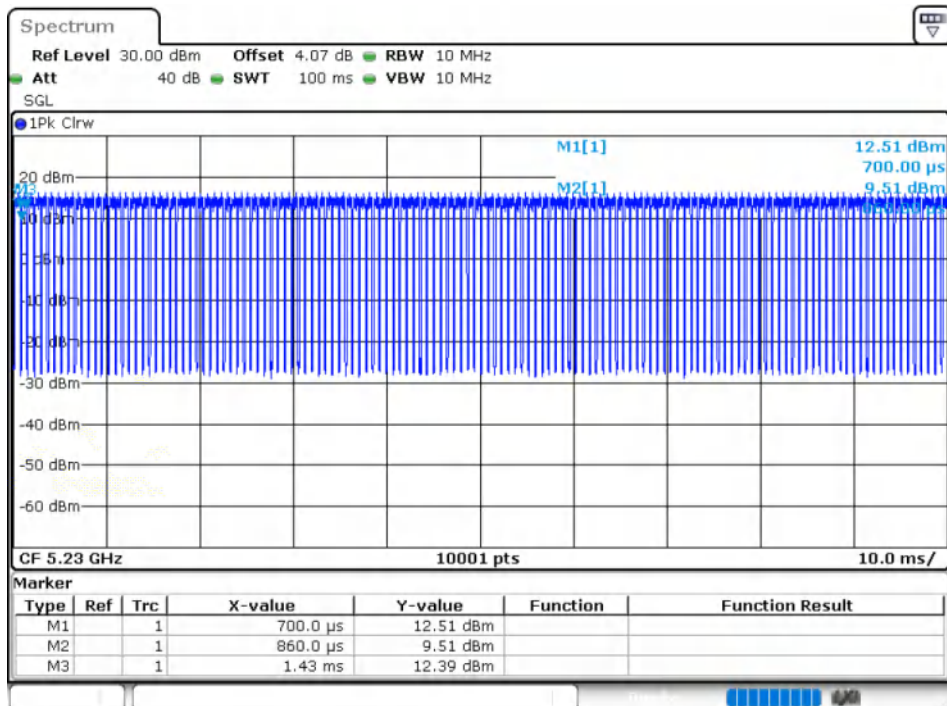
Duty Cycle NVNT n40 5230MHz Ant1



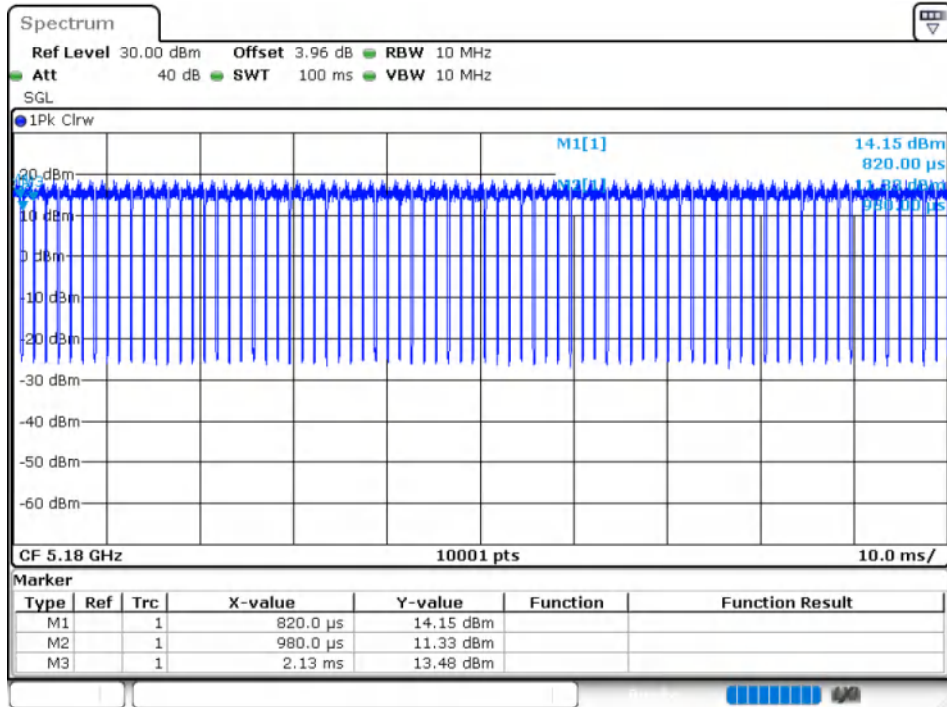
Duty Cycle NVNT n40 5190MHz Ant2



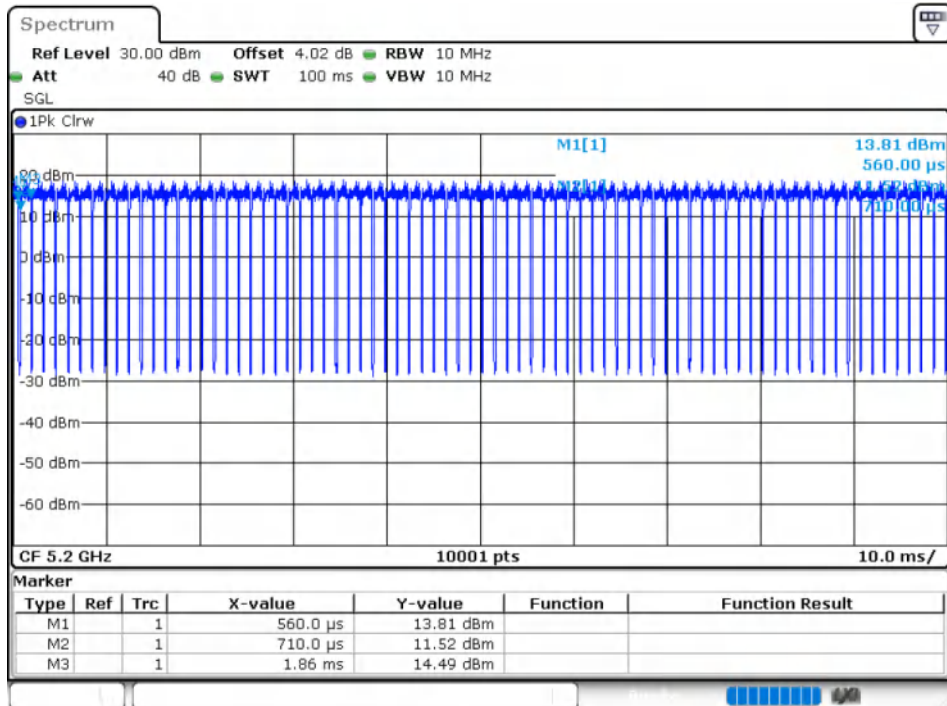
Duty Cycle NVNT n40 5230MHz Ant2



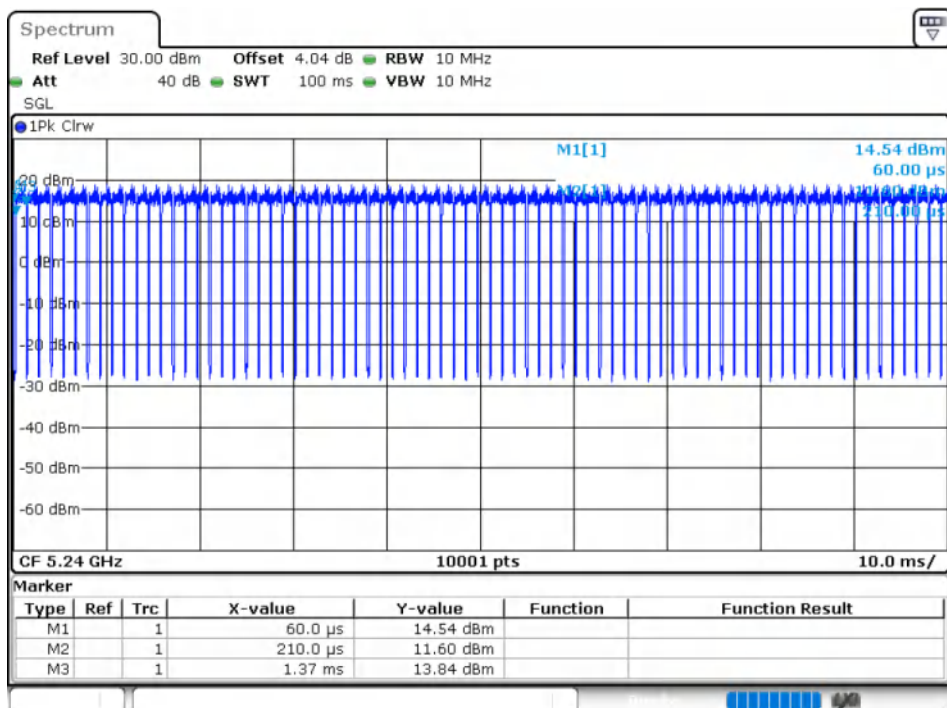
Duty Cycle NVNT ac20 5180MHz Ant1



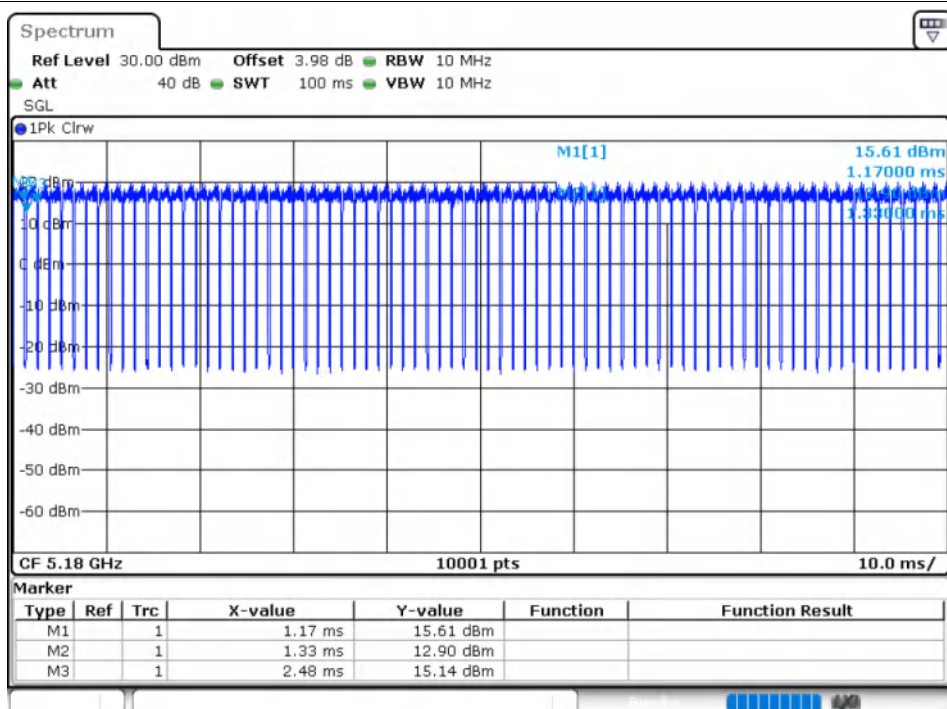
Duty Cycle NVNT ac20 5200MHz Ant1



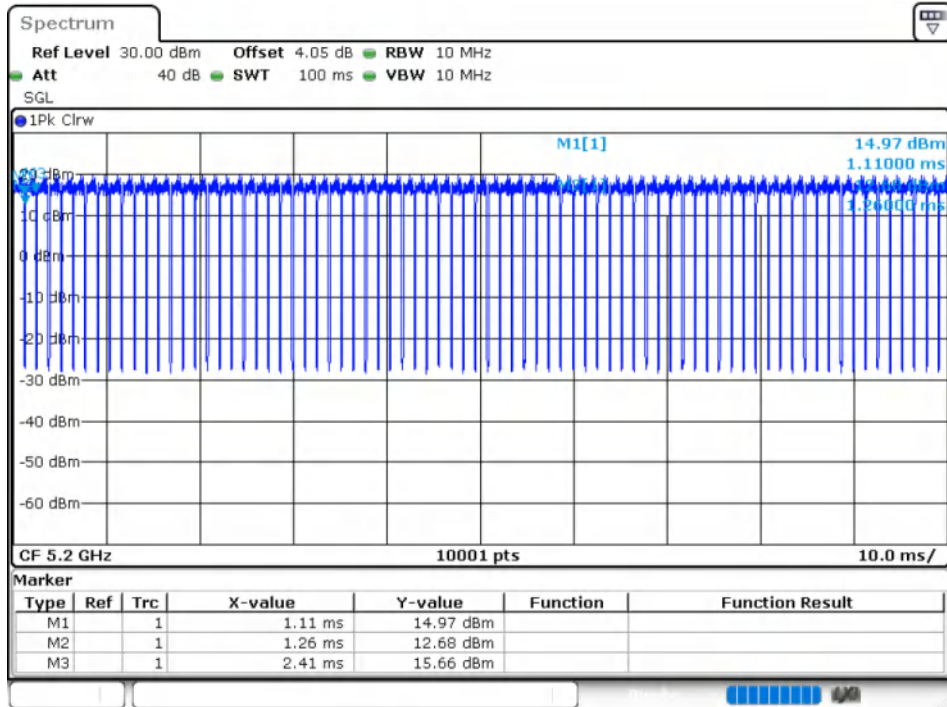
Duty Cycle NVNT ac20 5240MHz Ant1



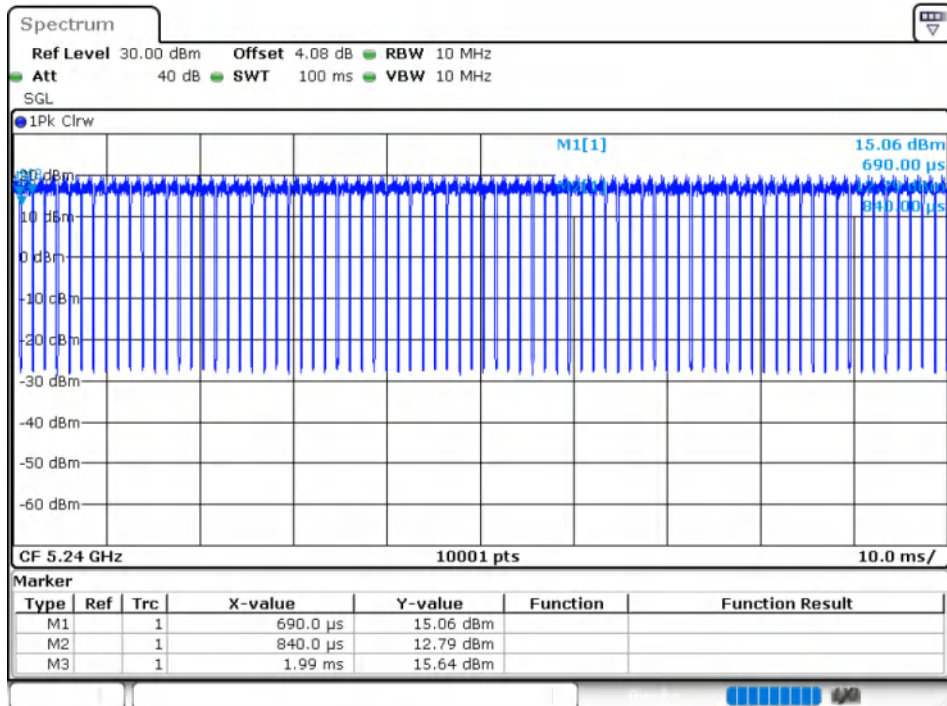
Duty Cycle NVNT ac20 5180MHz Ant2



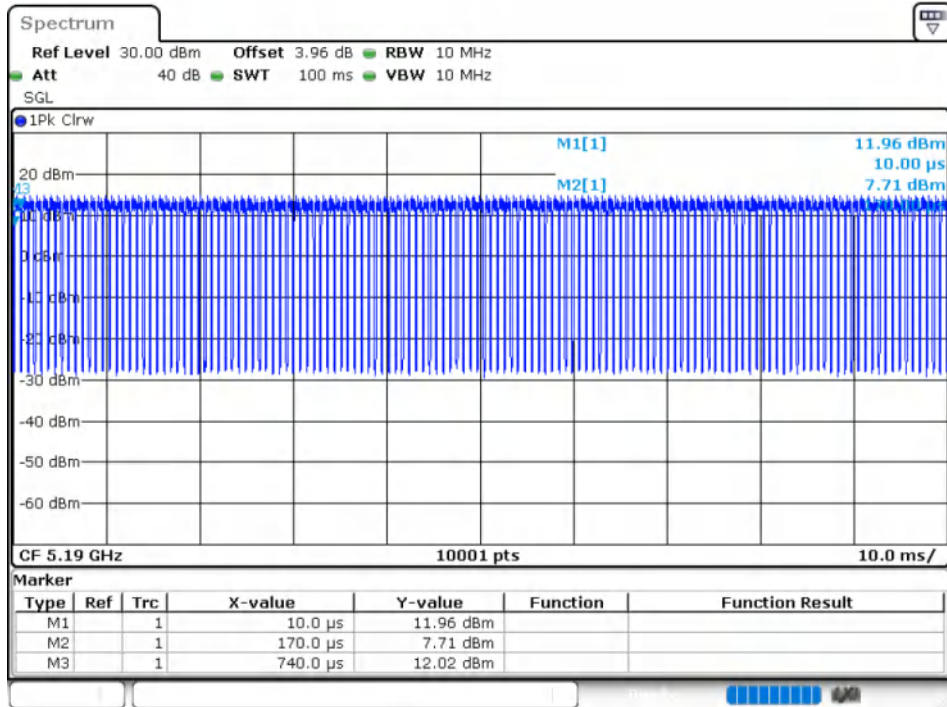
Duty Cycle NVNT ac20 5200MHz Ant2



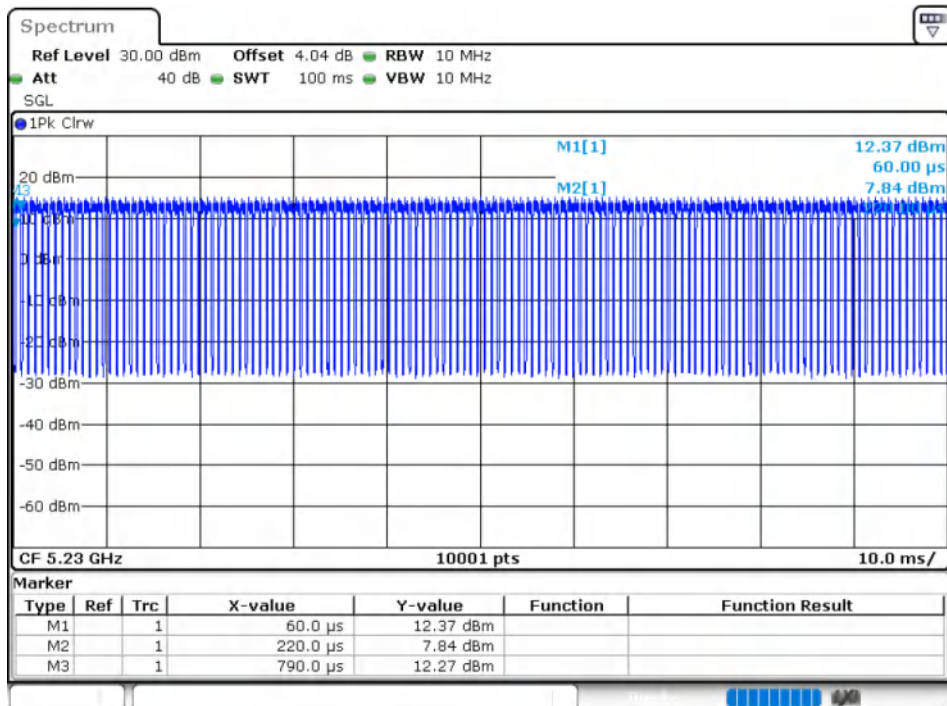
Duty Cycle NVNT ac20 5240MHz Ant2



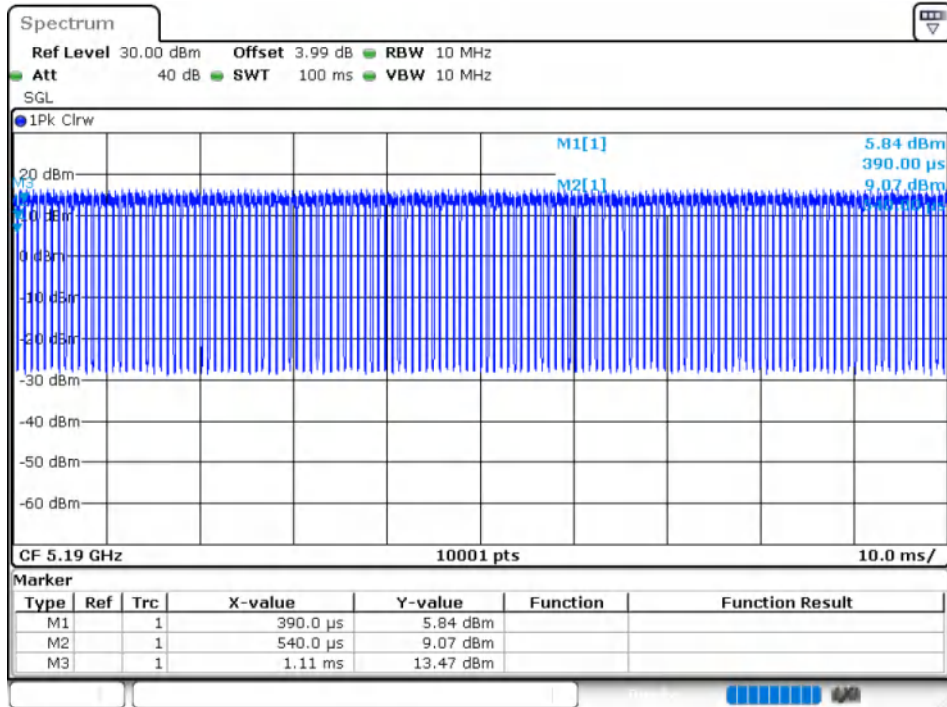
Duty Cycle NVNT ac40 5190MHz Ant1



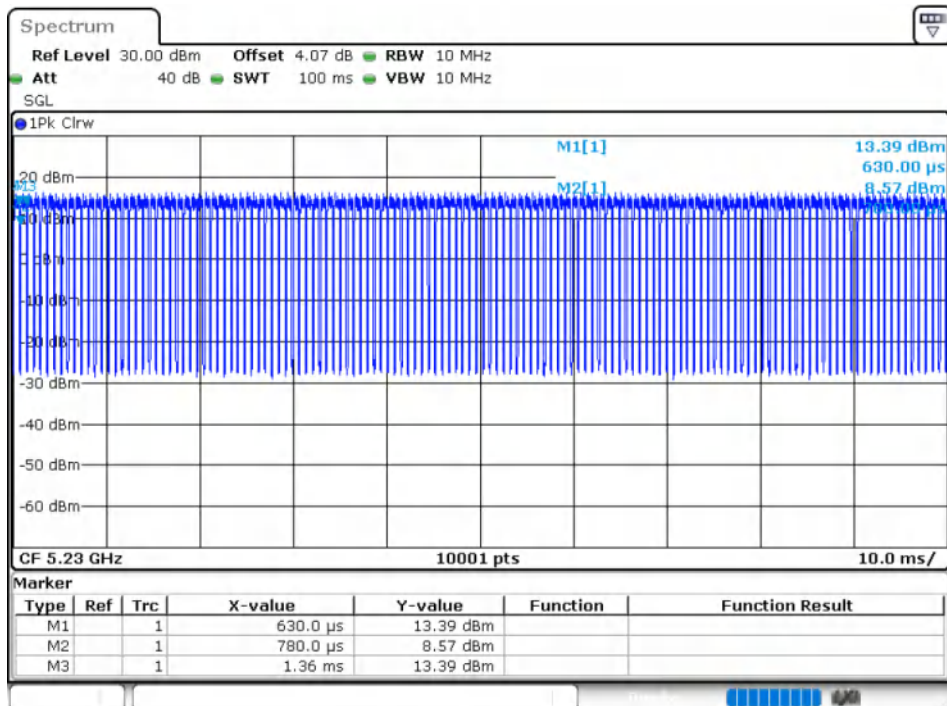
Duty Cycle NVNT ac40 5230MHz Ant1



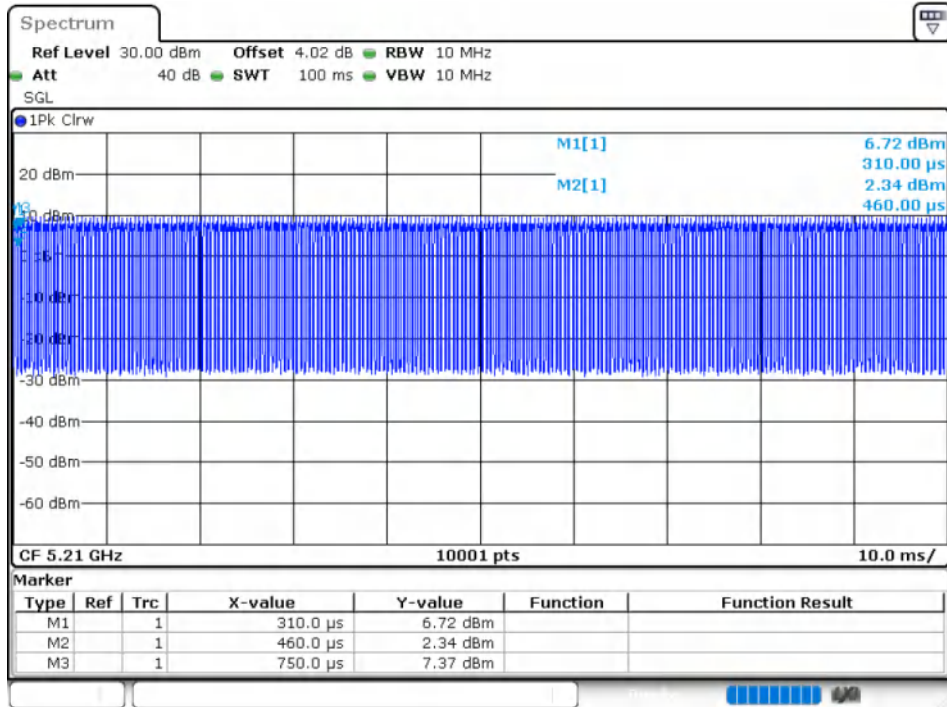
Duty Cycle NVNT ac40 5190MHz Ant2



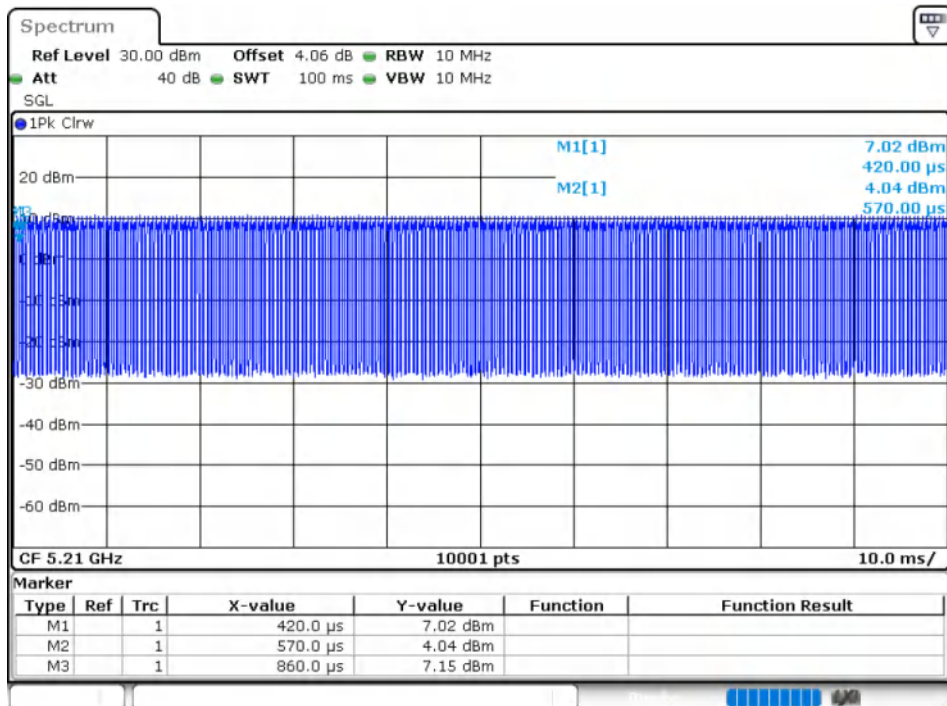
Duty Cycle NVNT ac40 5230MHz Ant2



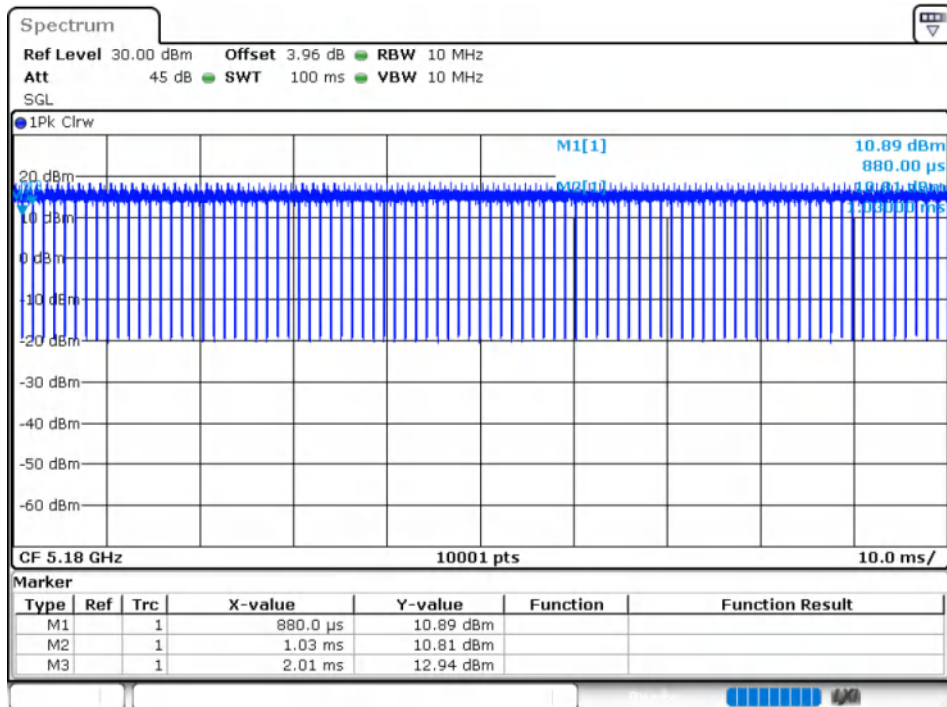
Duty Cycle NVNT ac80 5210MHz Ant1



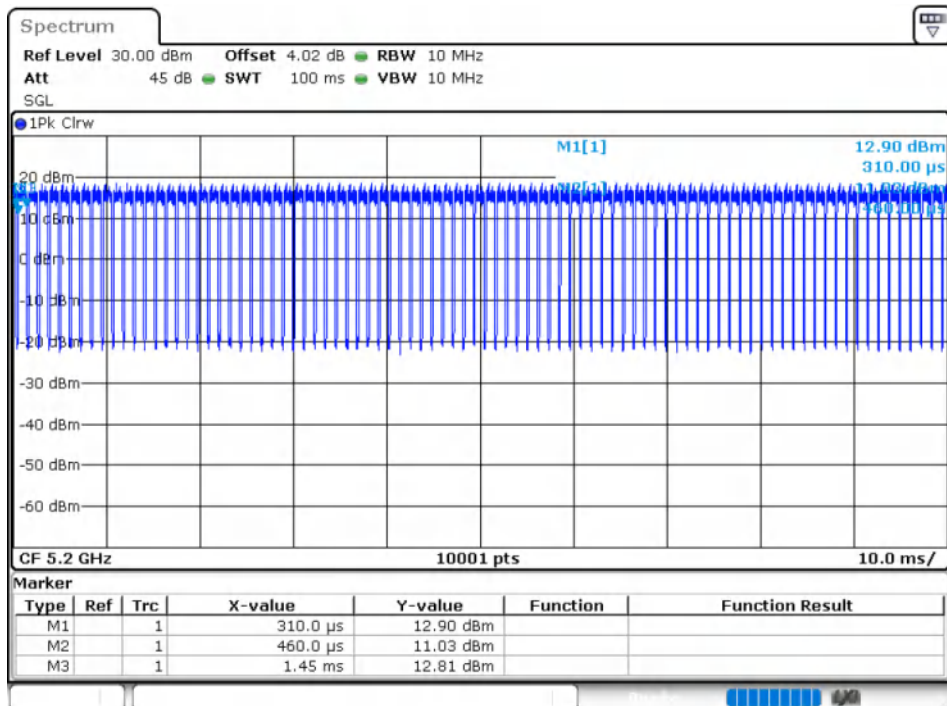
Duty Cycle NVNT ac80 5210MHz Ant2



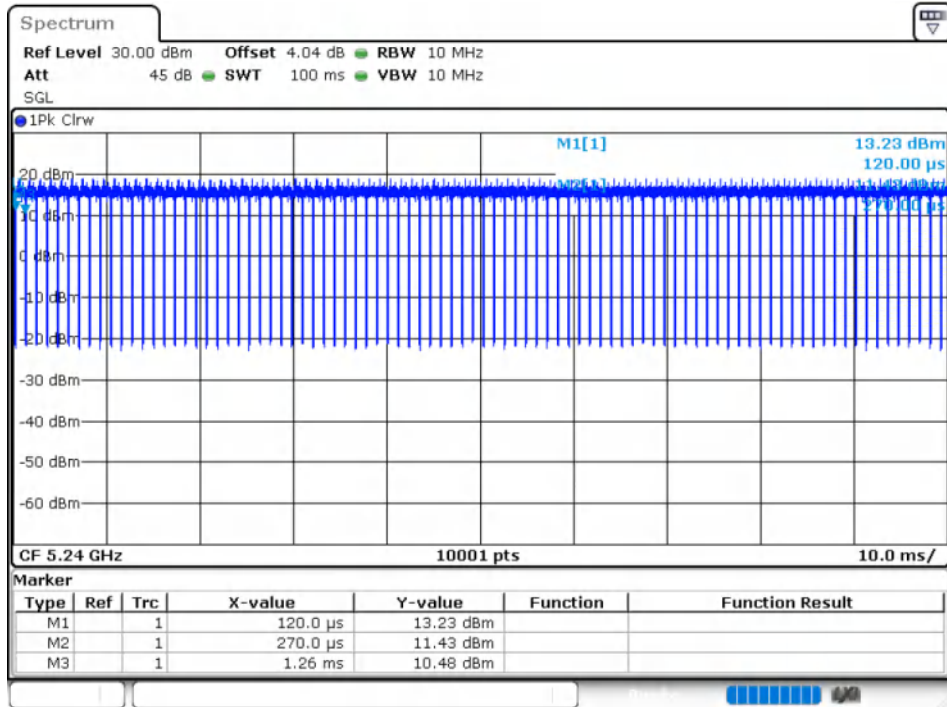
Duty Cycle NVNT ax20 5180MHz Ant1



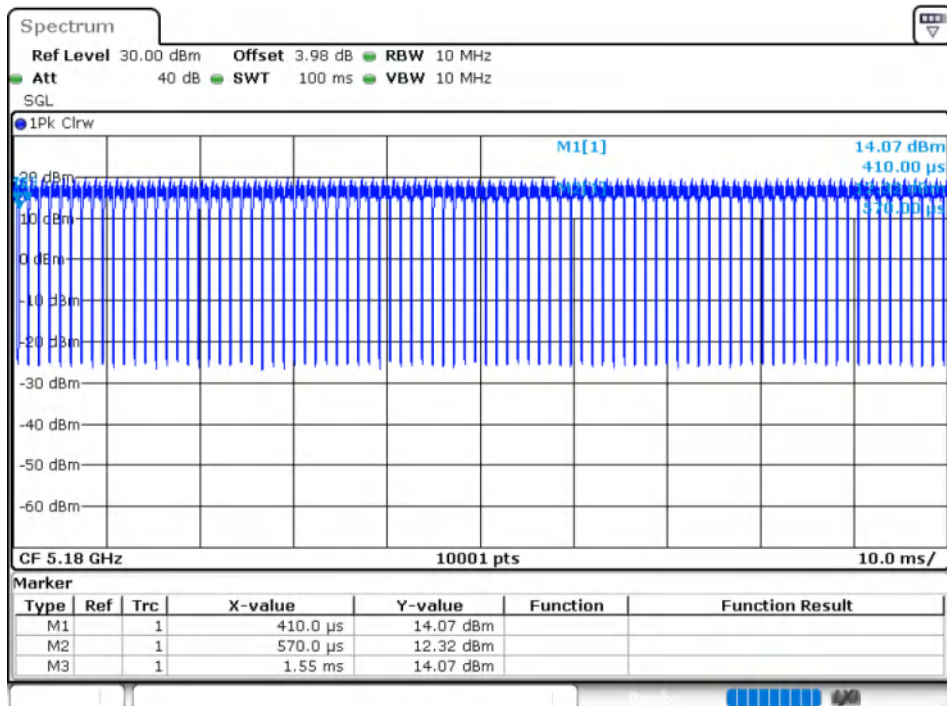
Duty Cycle NVNT ax20 5200MHz Ant1



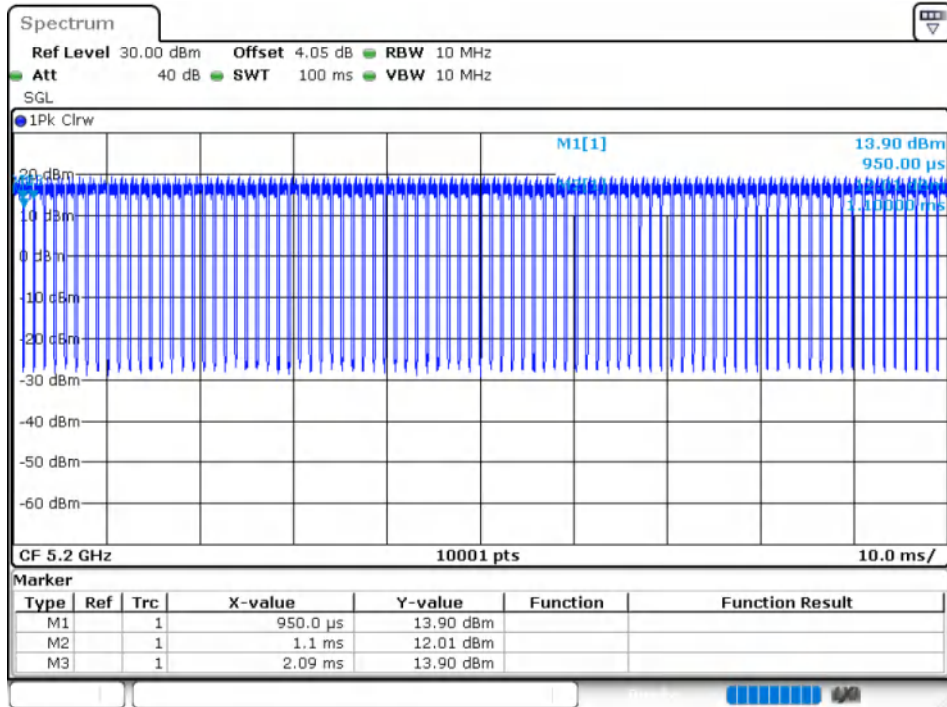
Duty Cycle NVNT ax20 5240MHz Ant1



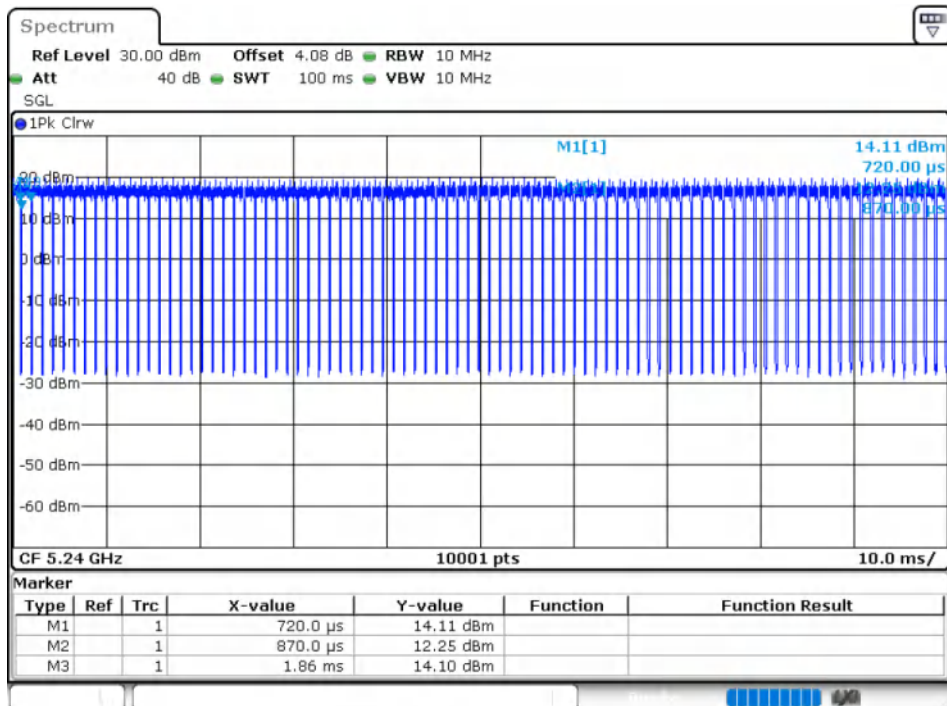
Duty Cycle NVNT ax20 5180MHz Ant2



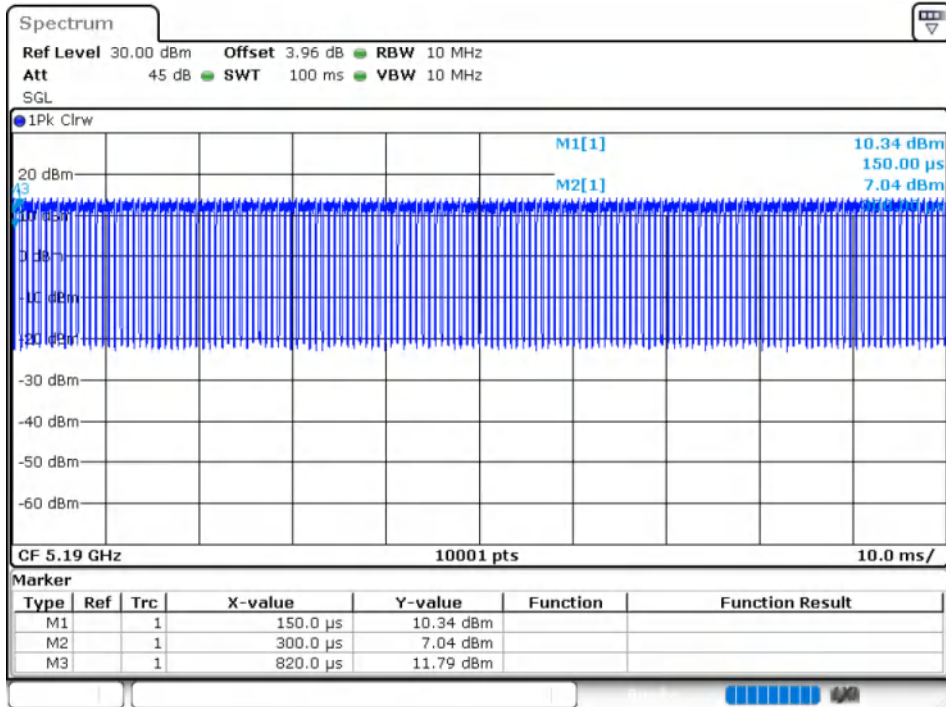
Duty Cycle NVNT ax20 5200MHz Ant2



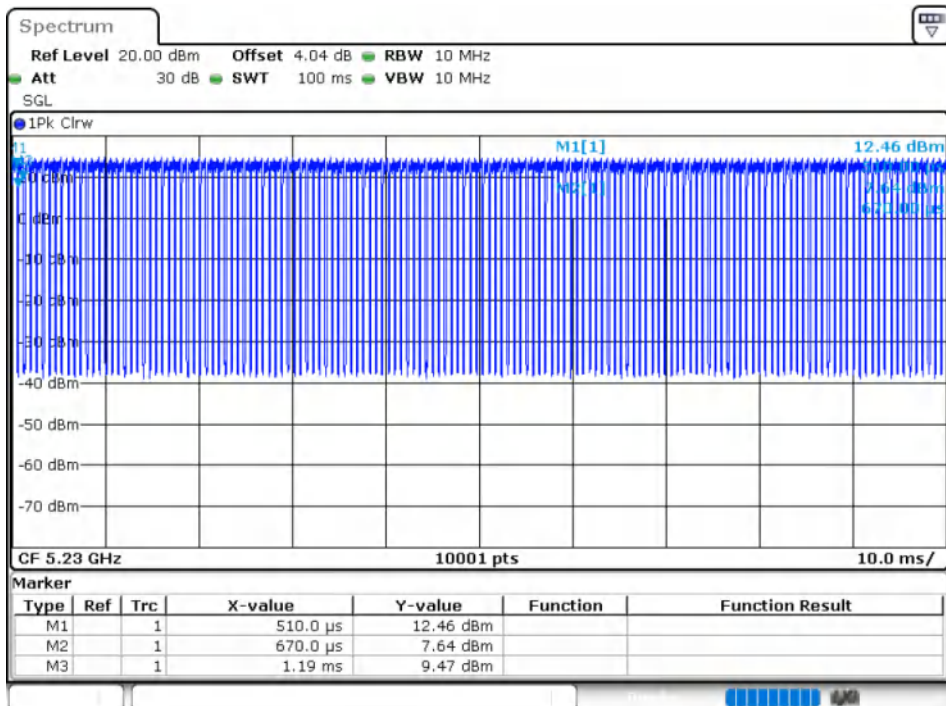
Duty Cycle NVNT ax20 5240MHz Ant2



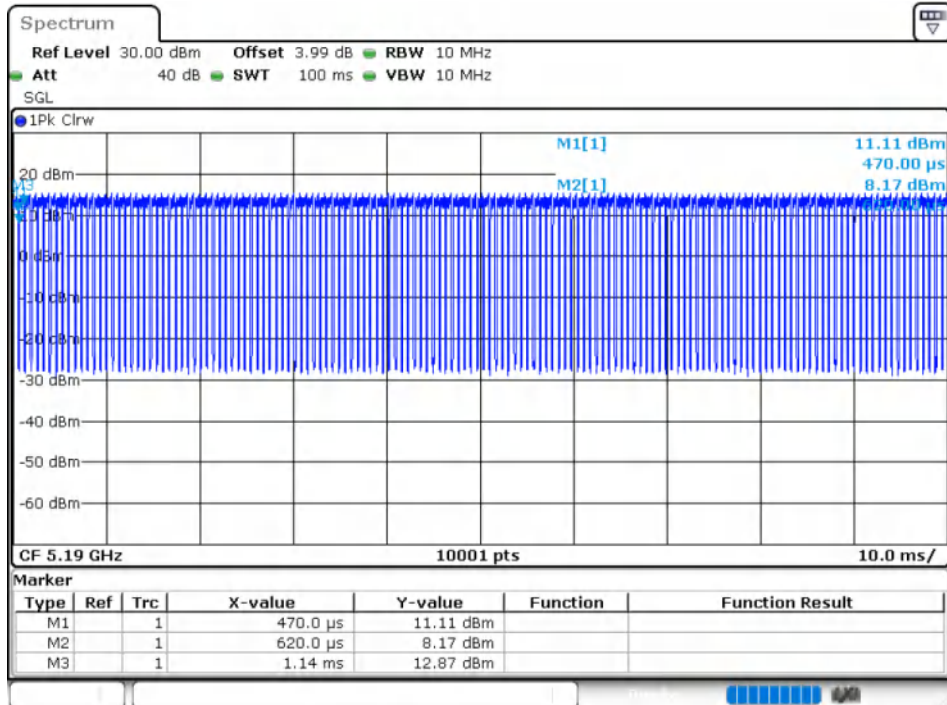
Duty Cycle NVNT ax40 5190MHz Ant1



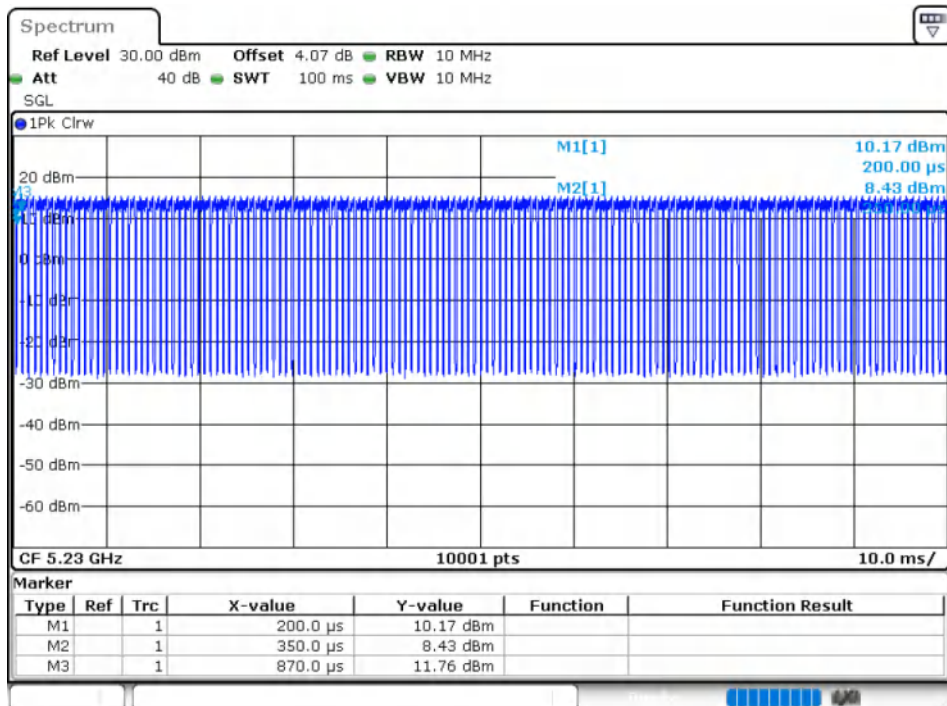
Duty Cycle NVNT ax40 5230MHz Ant1



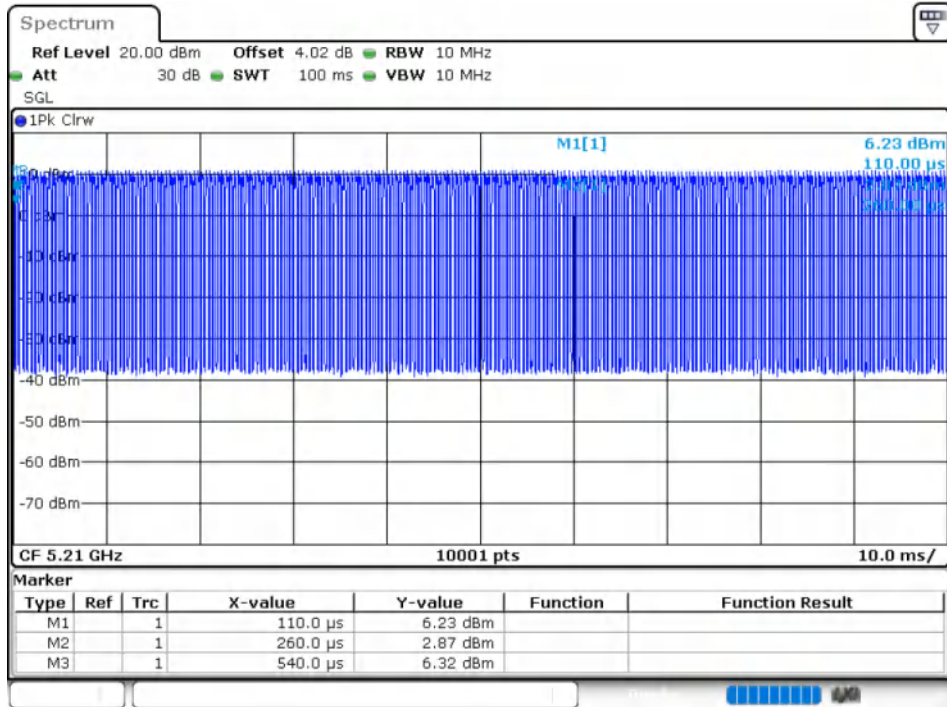
Duty Cycle NVNT ax40 5190MHz Ant2



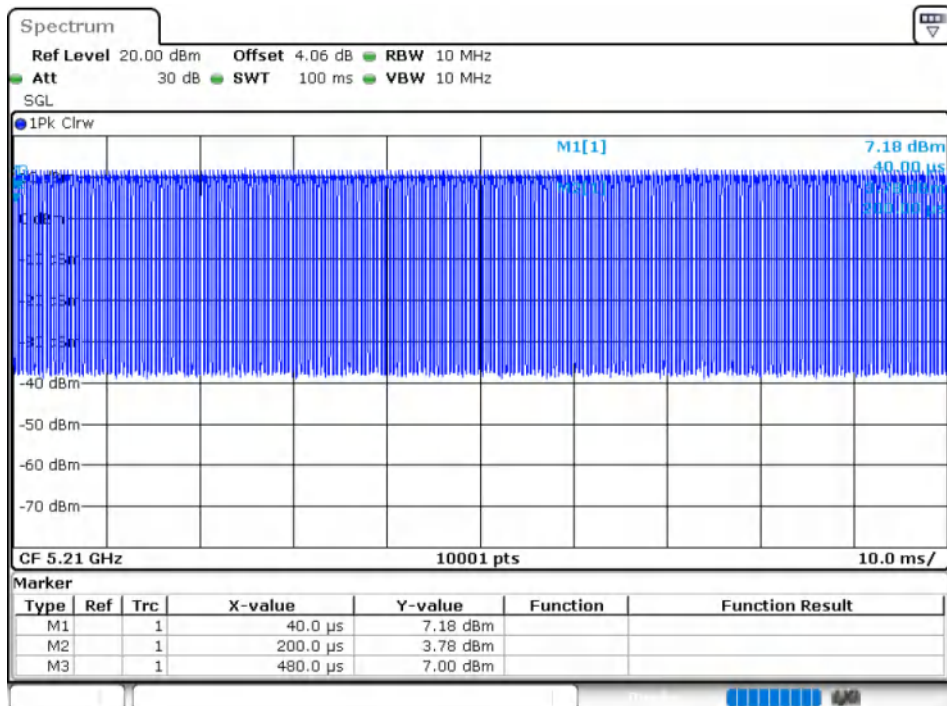
Duty Cycle NVNT ax40 5230MHz Ant2



Duty Cycle NVNT ax80 5210MHz Ant1



Duty Cycle NVNT ax80 5210MHz Ant2



Maximum Conducted Output Power

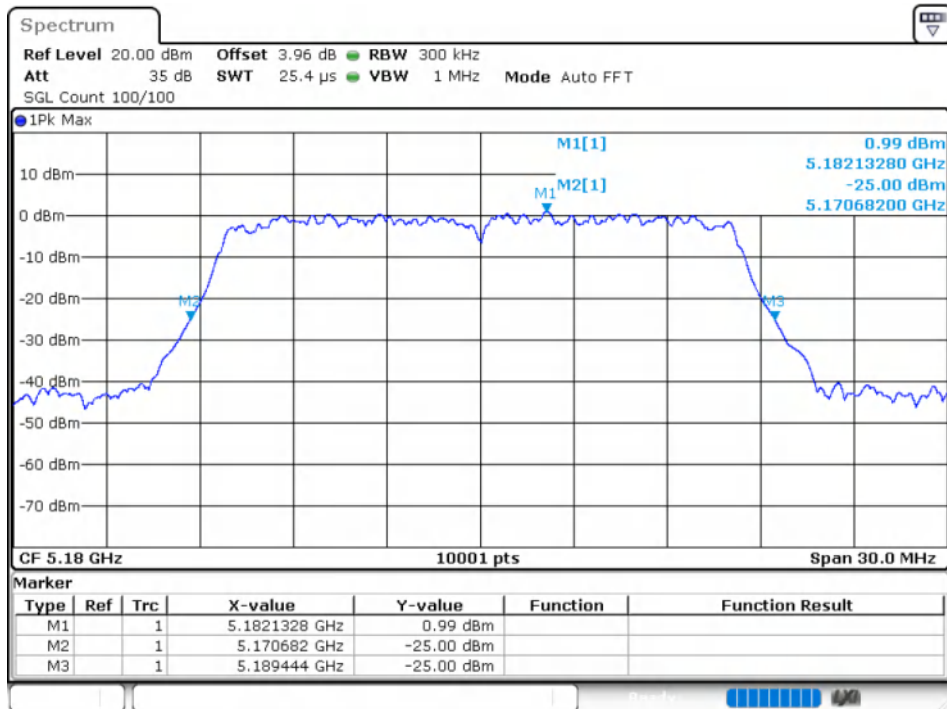
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.21	24	Pass
NVNT	a	5200	Ant1	11.1	24	Pass
NVNT	a	5240	Ant1	11.85	24	Pass
NVNT	a	5180	Ant2	12.18	24	Pass
NVNT	a	5200	Ant2	12.16	24	Pass
NVNT	a	5240	Ant2	12.23	24	Pass
NVNT	n20	5180	Ant1	11.11	24	Pass
NVNT	n20	5200	Ant1	11.22	24	Pass
NVNT	n20	5240	Ant1	11.71	24	Pass
NVNT	n20	5180	Ant2	12.09	24	Pass
NVNT	n20	5200	Ant2	12.14	24	Pass
NVNT	n20	5240	Ant2	12.21	24	Pass
NVNT	n40	5190	Ant1	10.81	24	Pass
NVNT	n40	5230	Ant1	11.65	24	Pass
NVNT	n40	5190	Ant2	12.04	24	Pass
NVNT	n40	5230	Ant2	12.08	24	Pass
NVNT	ac20	5180	Ant1	11.14	23.58	Pass
NVNT	ac20	5200	Ant1	11.11	23.58	Pass
NVNT	ac20	5240	Ant1	11.69	23.58	Pass
NVNT	ac20	5180	Ant2	12.11	23.58	Pass
NVNT	ac20	5200	Ant2	12.07	23.58	Pass
NVNT	ac20	5240	Ant2	12.25	23.58	Pass
NVNT	ac40	5190	Ant1	11.01	23.58	Pass
NVNT	ac40	5230	Ant1	11.27	23.58	Pass
NVNT	ac40	5190	Ant2	12	23.58	Pass
NVNT	ac40	5230	Ant2	12.01	23.58	Pass
NVNT	ac80	5210	Ant1	10.94	23.58	Pass
NVNT	ac80	5210	Ant2	12.06	23.58	Pass
NVNT	ax20	5180	Ant1	11.13	23.58	Pass
NVNT	ax20	5200	Ant1	10.92	23.58	Pass
NVNT	ax20	5240	Ant1	11.58	23.58	Pass
NVNT	ax20	5180	Ant2	12.11	23.58	Pass
NVNT	ax20	5200	Ant2	12.14	23.58	Pass
NVNT	ax20	5240	Ant2	12.25	23.58	Pass
NVNT	ax40	5190	Ant1	10.96	23.58	Pass
NVNT	ax40	5230	Ant1	11.69	23.58	Pass
NVNT	ax40	5190	Ant2	11.94	23.58	Pass
NVNT	ax40	5230	Ant2	12.17	23.58	Pass
NVNT	ax80	5210	Ant1	11.38	23.58	Pass
NVNT	ax80	5210	Ant2	12.21	23.58	Pass

-26dB Bandwidth

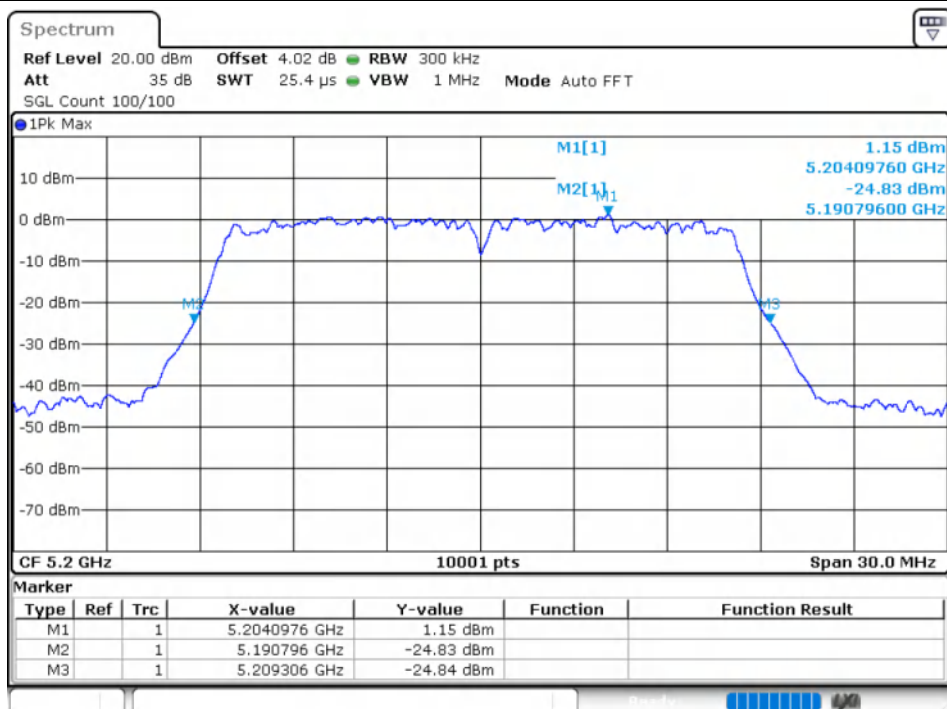
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	18.762	0.5	Pass
NVNT	a	5200	Ant1	18.51	0.5	Pass
NVNT	a	5240	Ant1	18.744	0.5	Pass
NVNT	a	5180	Ant2	18.396	0.5	Pass
NVNT	a	5200	Ant2	18.492	0.5	Pass
NVNT	a	5240	Ant2	18.675	0.5	Pass
NVNT	n20	5180	Ant1	19.392	0.5	Pass
NVNT	n20	5200	Ant1	19.512	0.5	Pass
NVNT	n20	5240	Ant1	19.614	0.5	Pass
NVNT	n20	5180	Ant2	19.332	0.5	Pass
NVNT	n20	5200	Ant2	19.494	0.5	Pass
NVNT	n20	5240	Ant2	19.467	0.5	Pass
NVNT	n40	5190	Ant1	39.108	0.5	Pass
NVNT	n40	5230	Ant1	39.264	0.5	Pass
NVNT	n40	5190	Ant2	39.012	0.5	Pass
NVNT	n40	5230	Ant2	39.162	0.5	Pass
NVNT	ac20	5180	Ant1	19.785	0.5	Pass
NVNT	ac20	5200	Ant1	19.494	0.5	Pass
NVNT	ac20	5240	Ant1	19.461	0.5	Pass
NVNT	ac20	5180	Ant2	19.614	0.5	Pass
NVNT	ac20	5200	Ant2	19.593	0.5	Pass
NVNT	ac20	5240	Ant2	19.404	0.5	Pass
NVNT	ac40	5190	Ant1	39.024	0.5	Pass
NVNT	ac40	5230	Ant1	39.036	0.5	Pass
NVNT	ac40	5190	Ant2	38.916	0.5	Pass
NVNT	ac40	5230	Ant2	38.916	0.5	Pass
NVNT	ac80	5210	Ant1	87.12	0.5	Pass
NVNT	ac80	5210	Ant2	39.876	0.5	Pass
NVNT	ax20	5180	Ant1	20.256	0.5	Pass
NVNT	ax20	5200	Ant1	20.22	0.5	Pass
NVNT	ax20	5240	Ant1	20.679	0.5	Pass
NVNT	ax20	5180	Ant2	20.082	0.5	Pass
NVNT	ax20	5200	Ant2	20.268	0.5	Pass
NVNT	ax20	5240	Ant2	20.229	0.5	Pass
NVNT	ax40	5190	Ant1	39.918	0.5	Pass
NVNT	ax40	5230	Ant1	39.858	0.5	Pass
NVNT	ax40	5190	Ant2	39.84	0.5	Pass
NVNT	ax40	5230	Ant2	39.9	0.5	Pass
NVNT	ax80	5210	Ant1	81.12	0.5	Pass
NVNT	ax80	5210	Ant2	40.68	0.5	Pass

Test Graphs

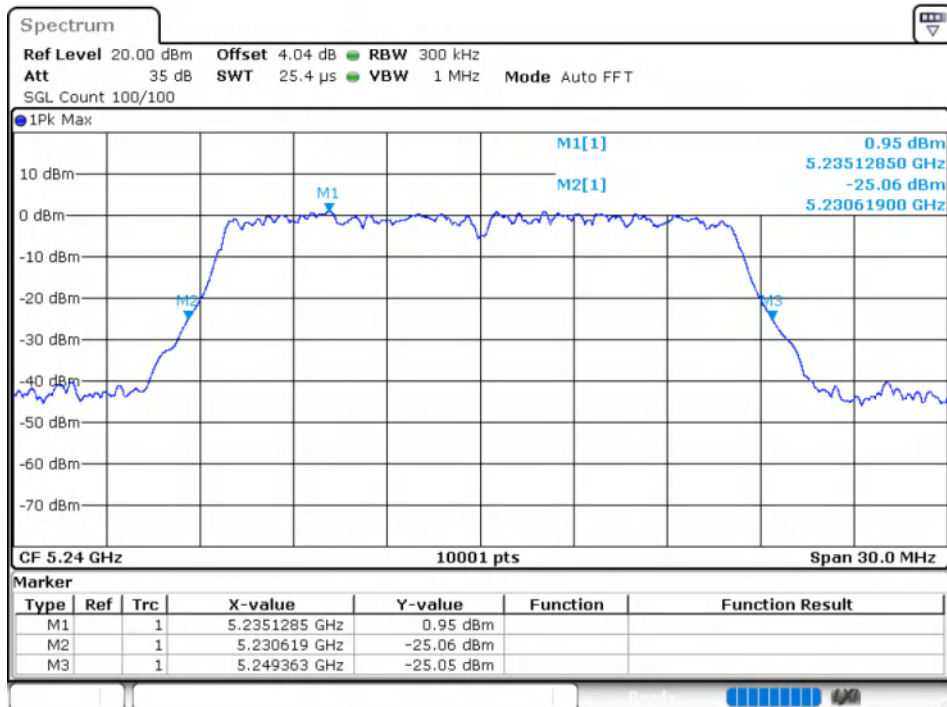
-26dB Bandwidth NVNT a 5180MHz Ant1



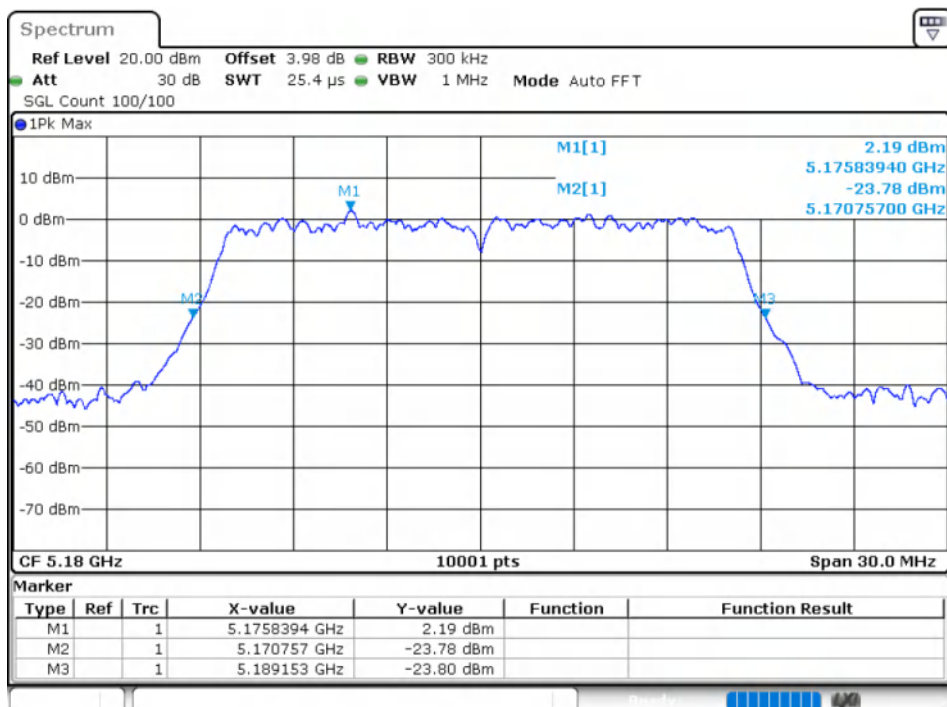
-26dB Bandwidth NVNT a 5200MHz Ant1



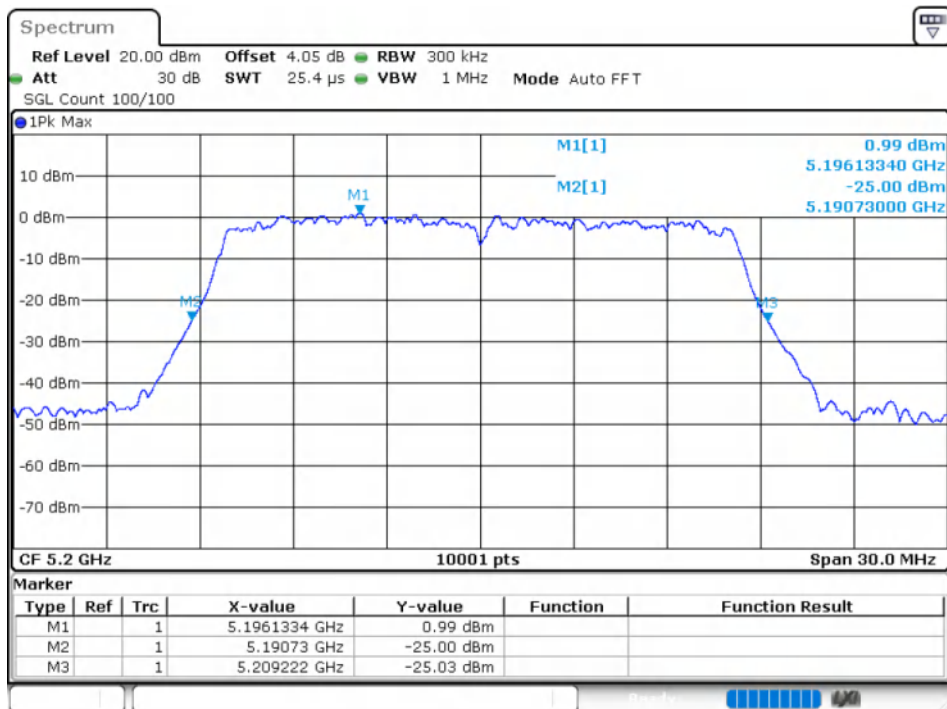
-26dB Bandwidth NVNT a 5240MHz Ant1



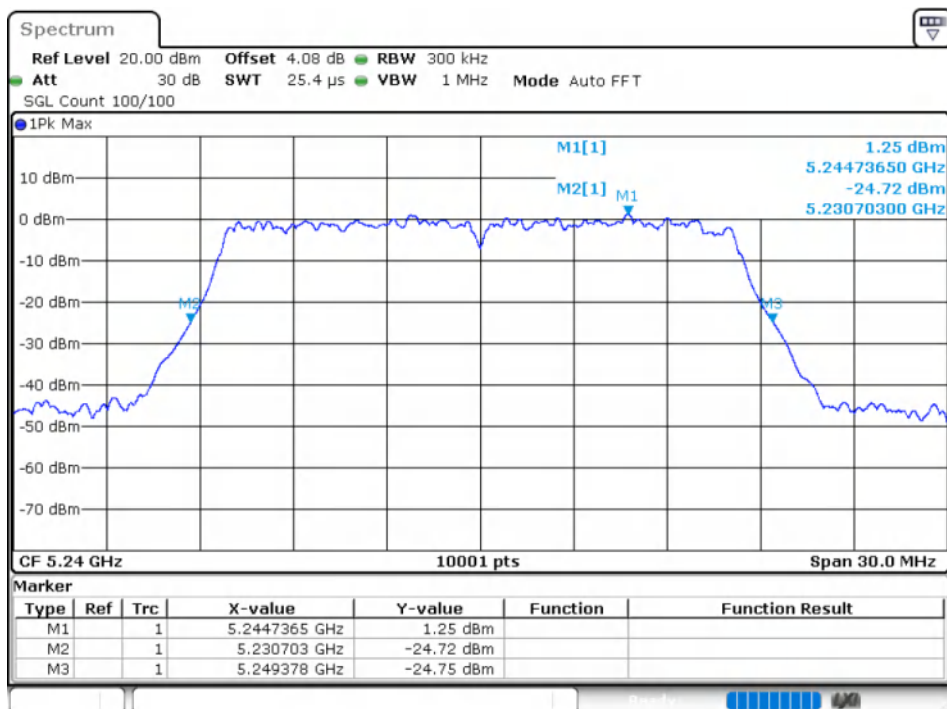
-26dB Bandwidth NVNT a 5180MHz Ant2



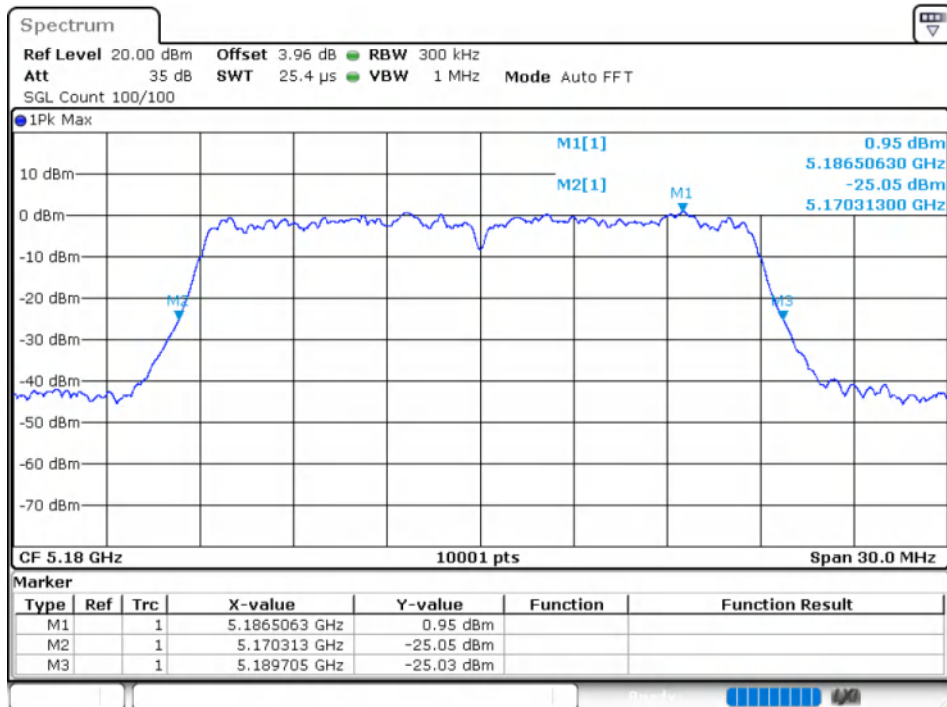
-26dB Bandwidth NVNT a 5200MHz Ant2



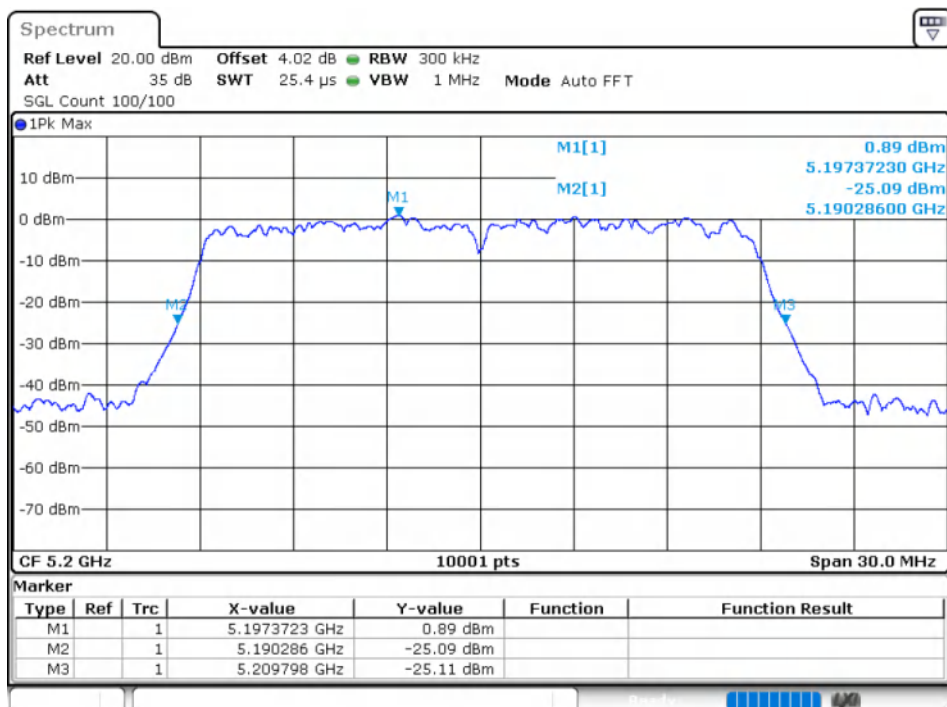
-26dB Bandwidth NVNT a 5240MHz Ant2



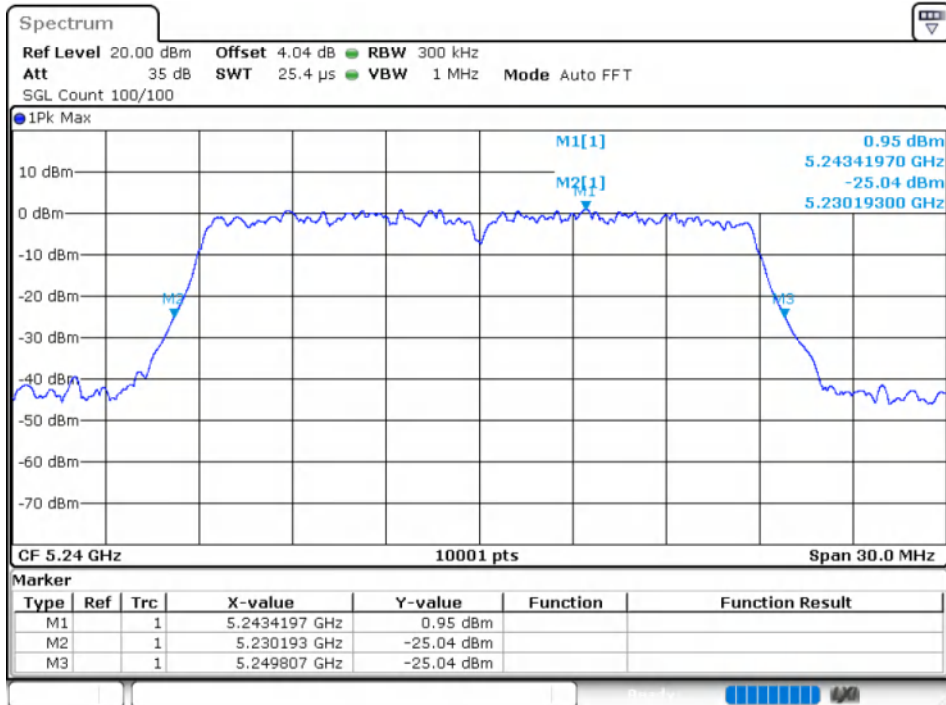
-26dB Bandwidth NVNT n20 5180MHz Ant1



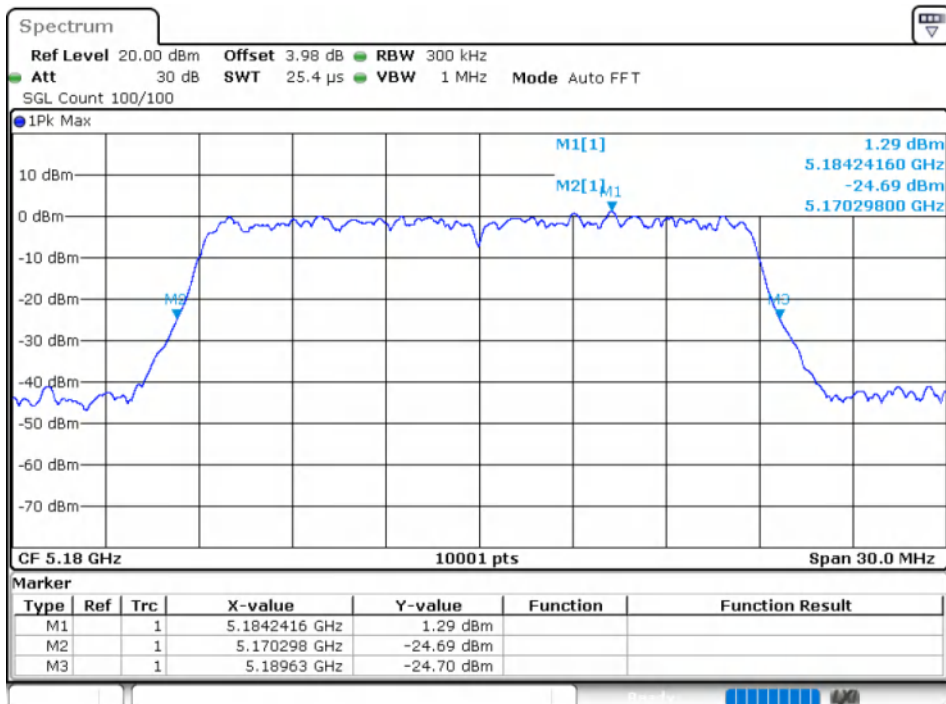
-26dB Bandwidth NVNT n20 5200MHz Ant1



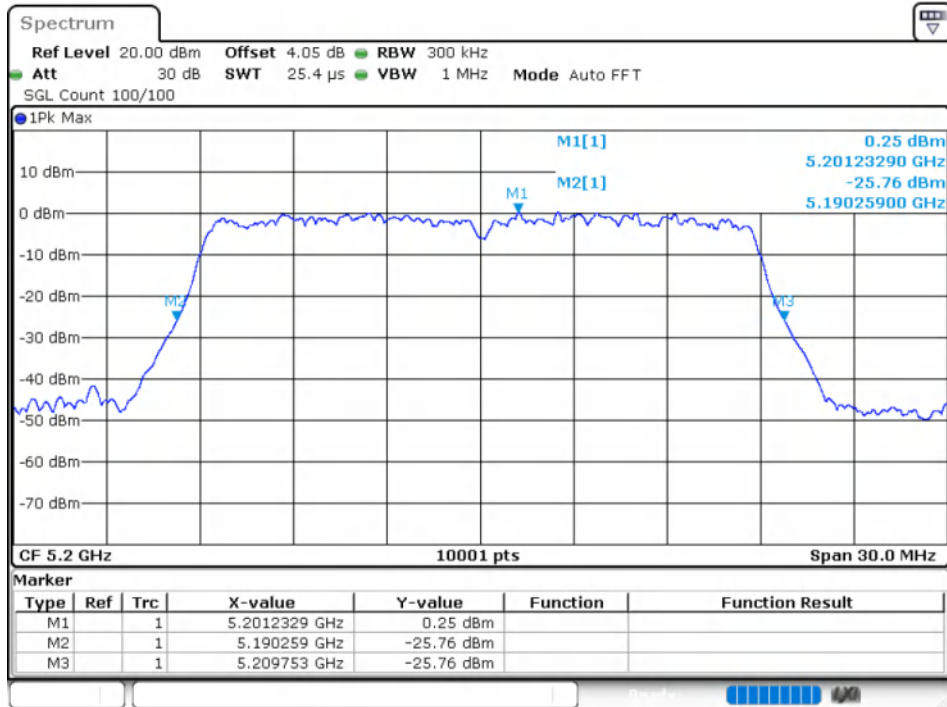
-26dB Bandwidth NVNT n20 5240MHz Ant1



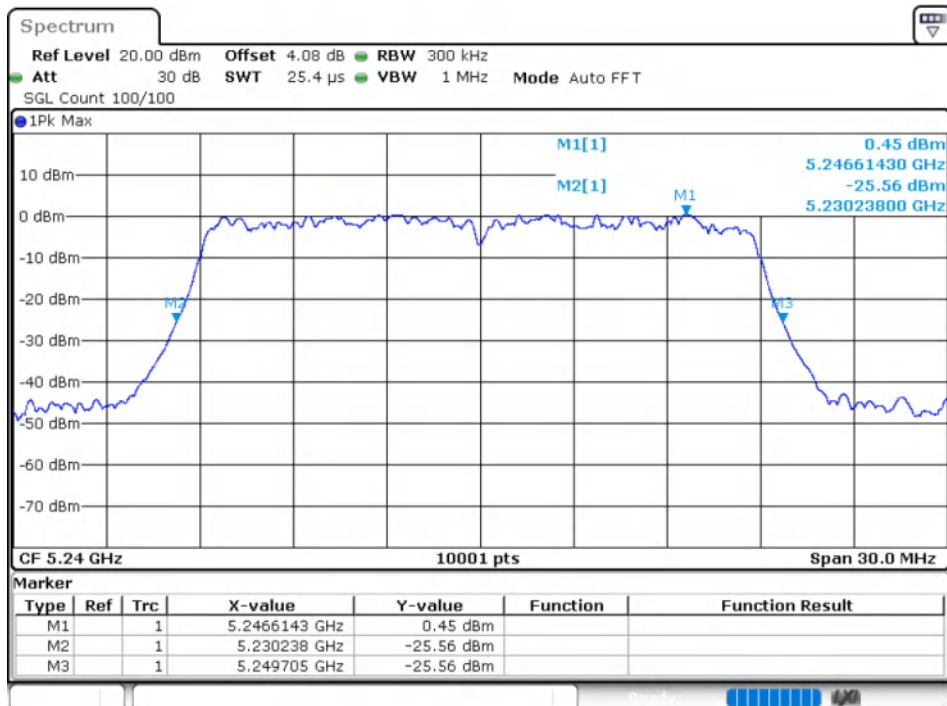
-26dB Bandwidth NVNT n20 5180MHz Ant2



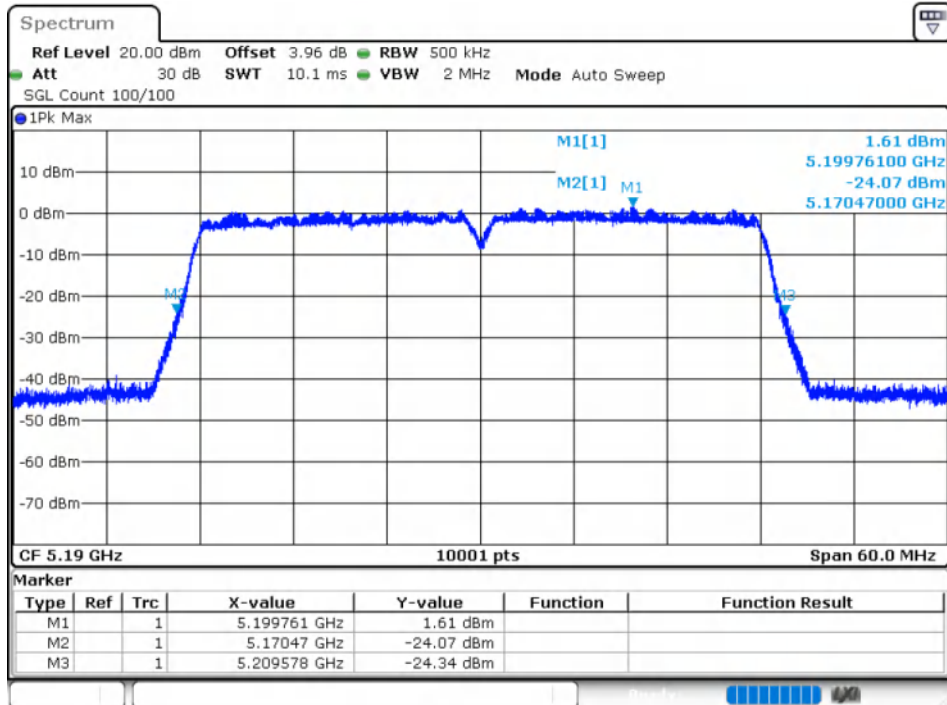
-26dB Bandwidth NVNT n20 5200MHz Ant2



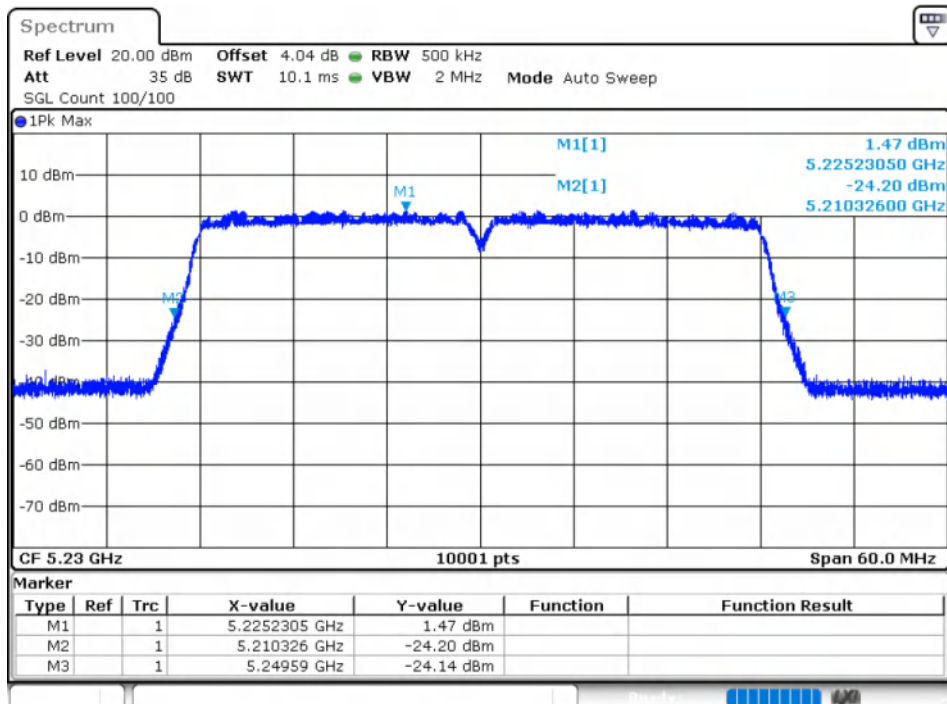
-26dB Bandwidth NVNT n20 5240MHz Ant2



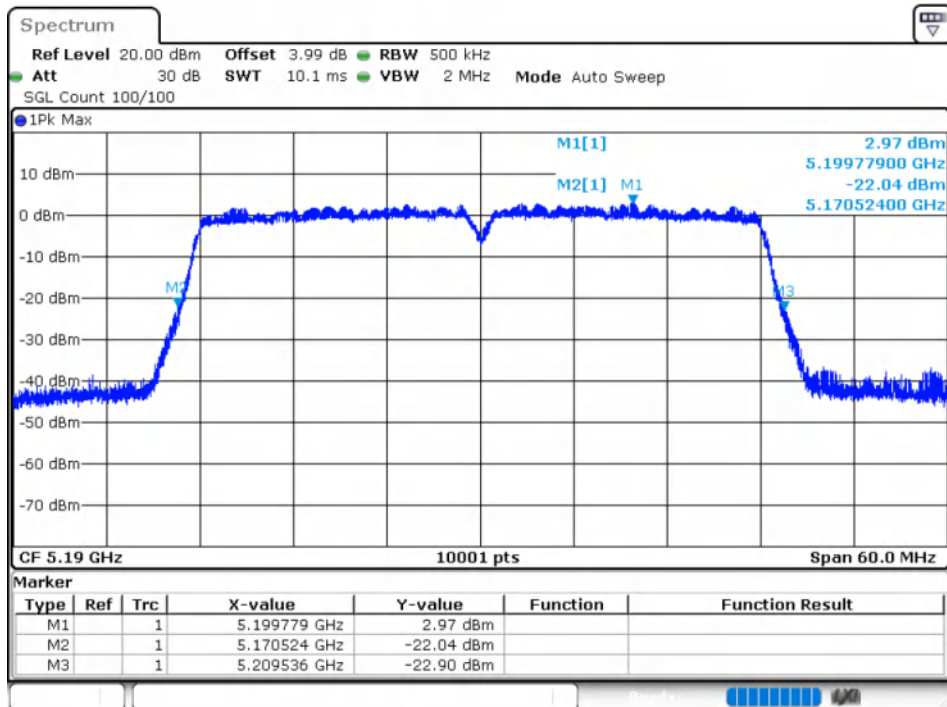
-26dB Bandwidth NVNT n40 5190MHz Ant1



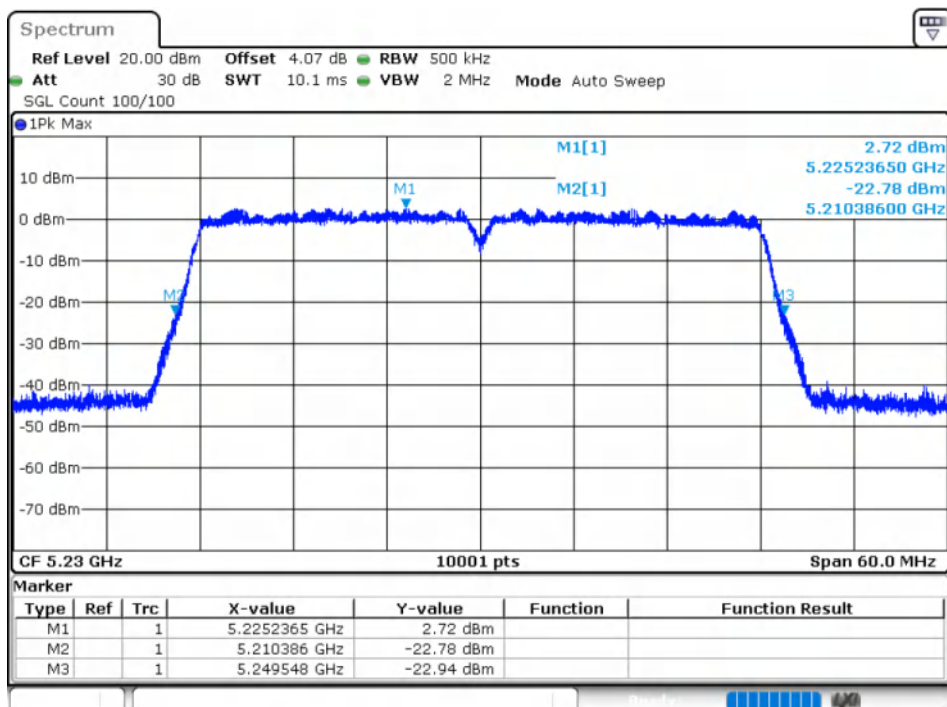
-26dB Bandwidth NVNT n40 5230MHz Ant1



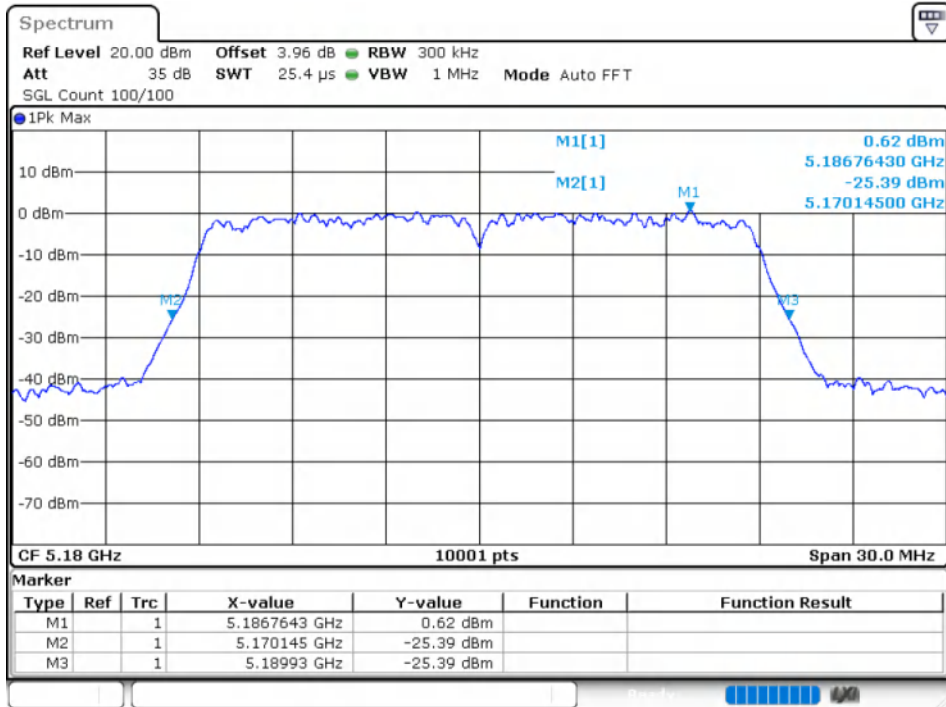
-26dB Bandwidth NVNT n40 5190MHz Ant2



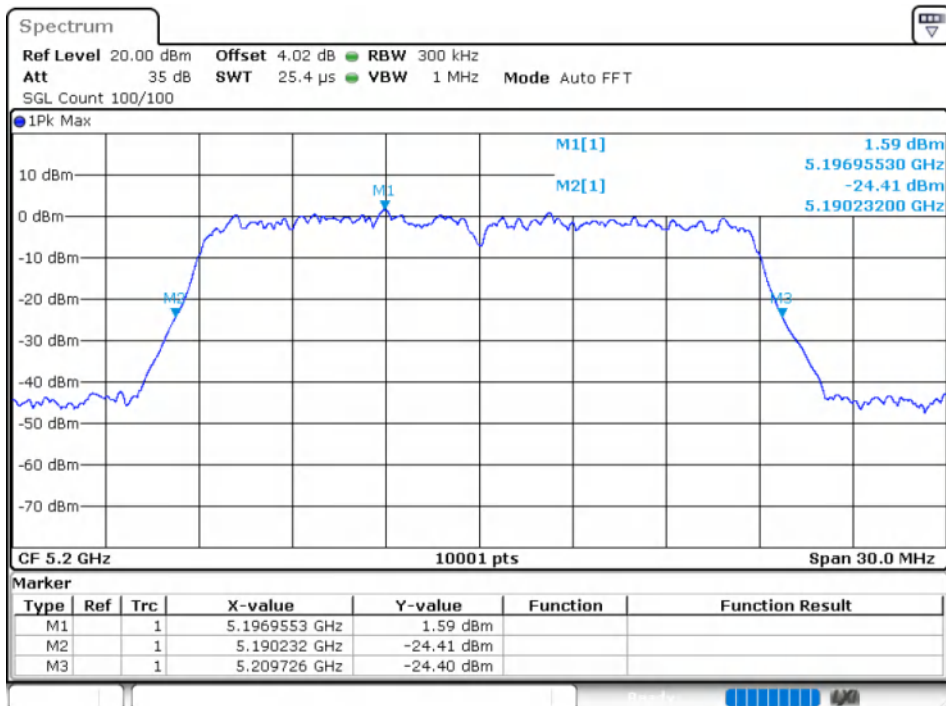
-26dB Bandwidth NVNT n40 5230MHz Ant2



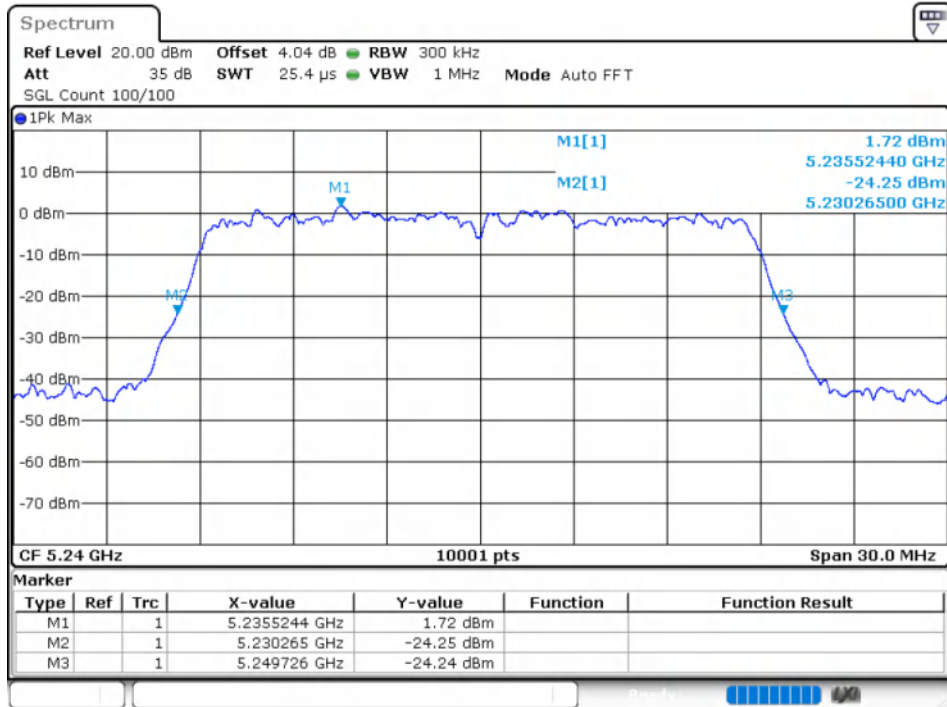
-26dB Bandwidth NVNT ac20 5180MHz Ant1



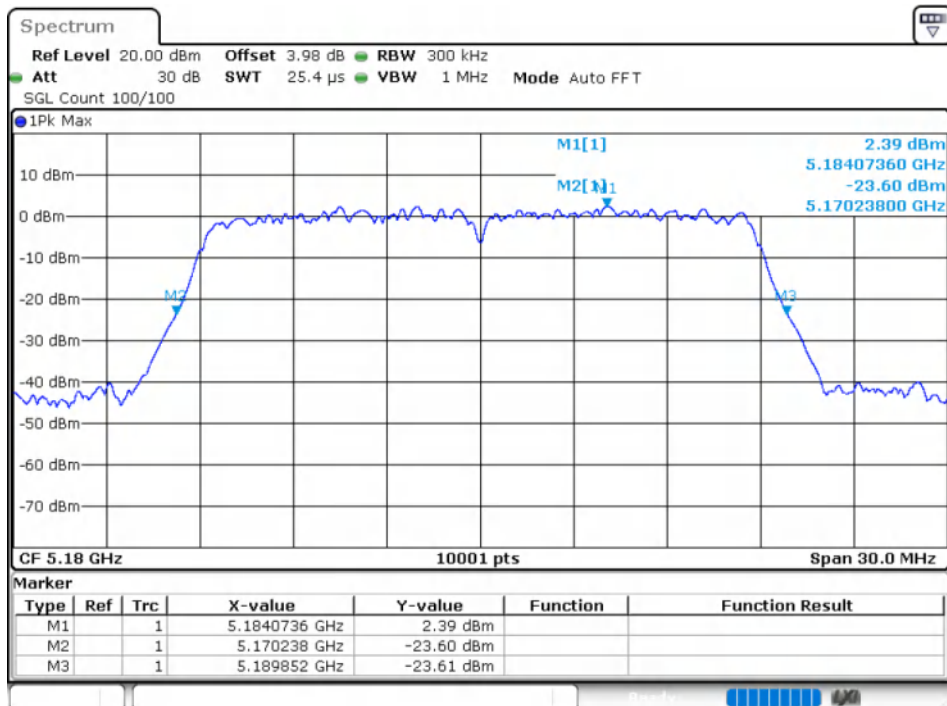
-26dB Bandwidth NVNT ac20 5200MHz Ant1



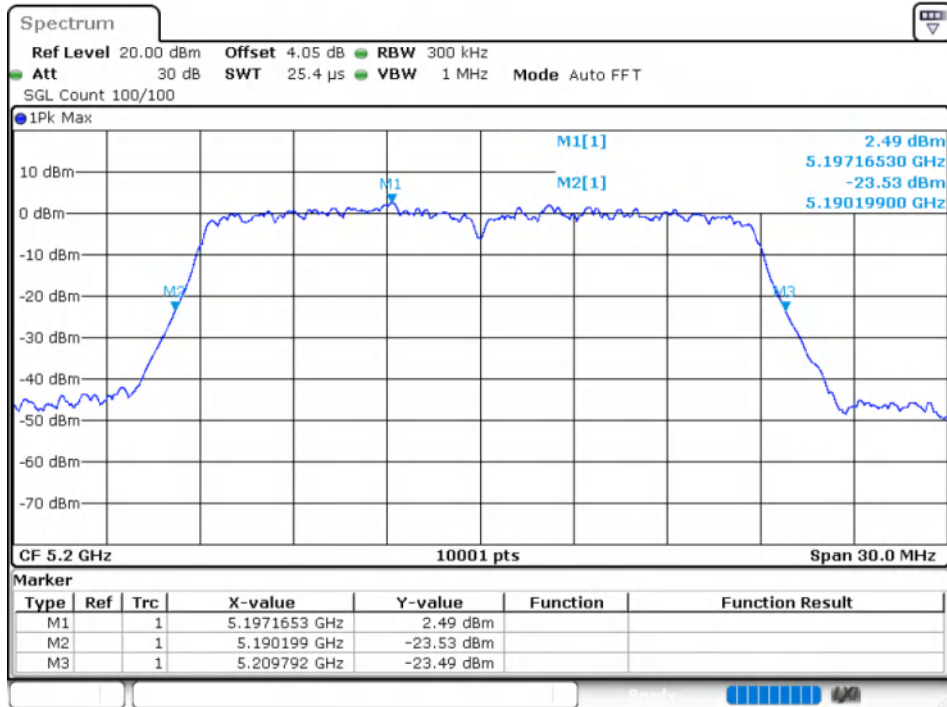
-26dB Bandwidth NVNT ac20 5240MHz Ant1



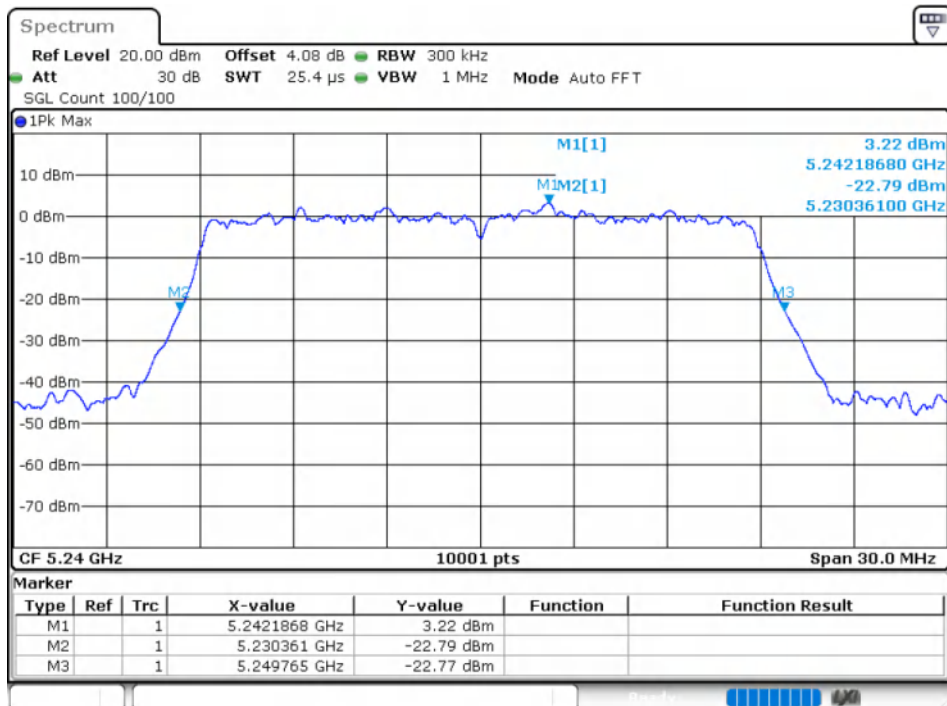
-26dB Bandwidth NVNT ac20 5180MHz Ant2



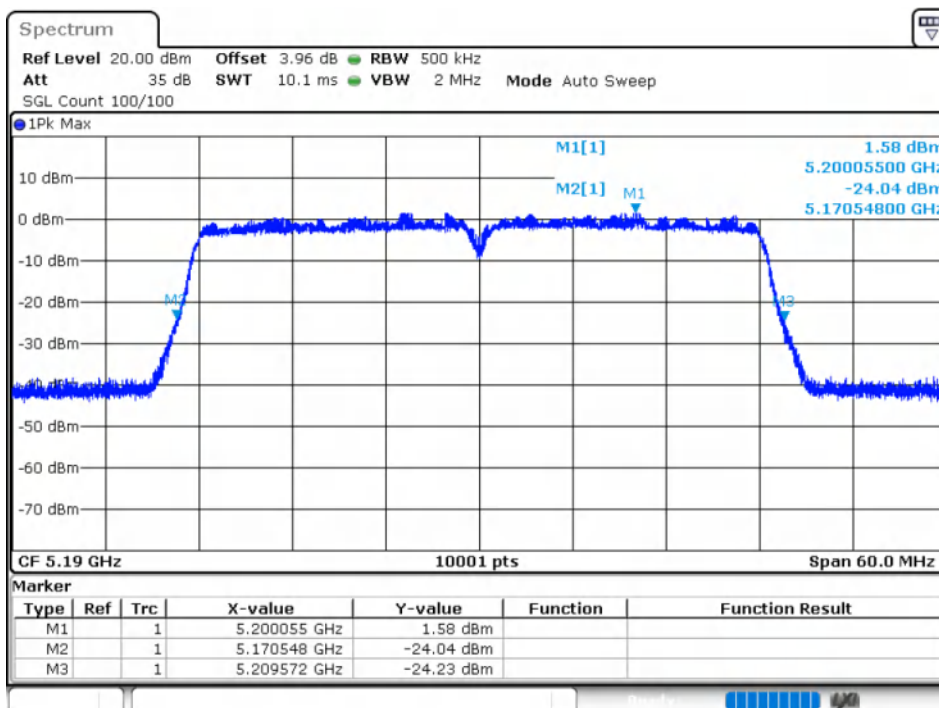
-26dB Bandwidth NVNT ac20 5200MHz Ant2



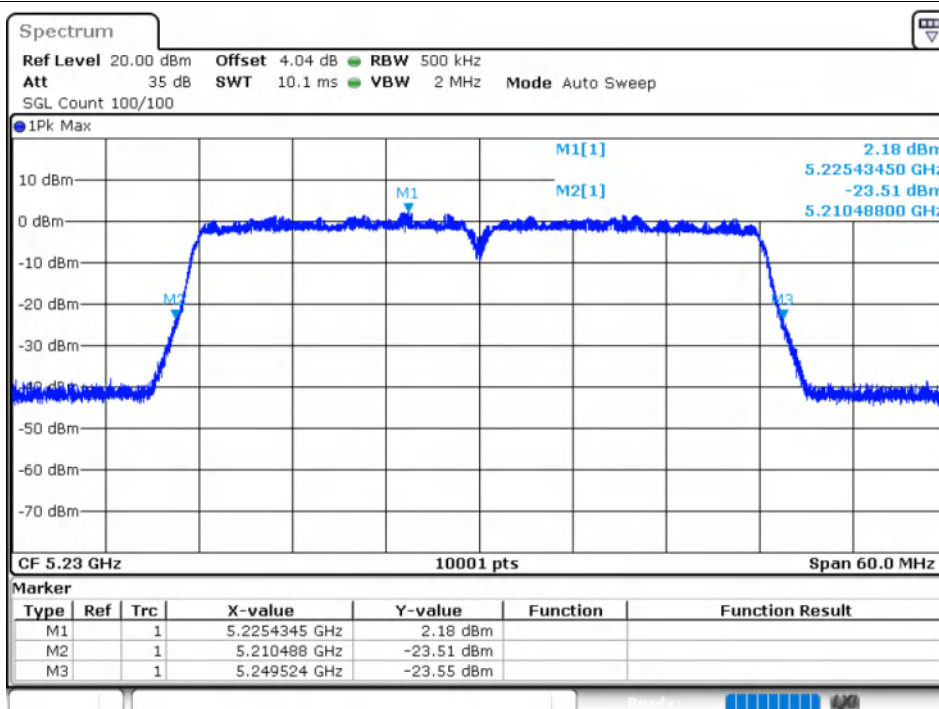
-26dB Bandwidth NVNT ac20 5240MHz Ant2

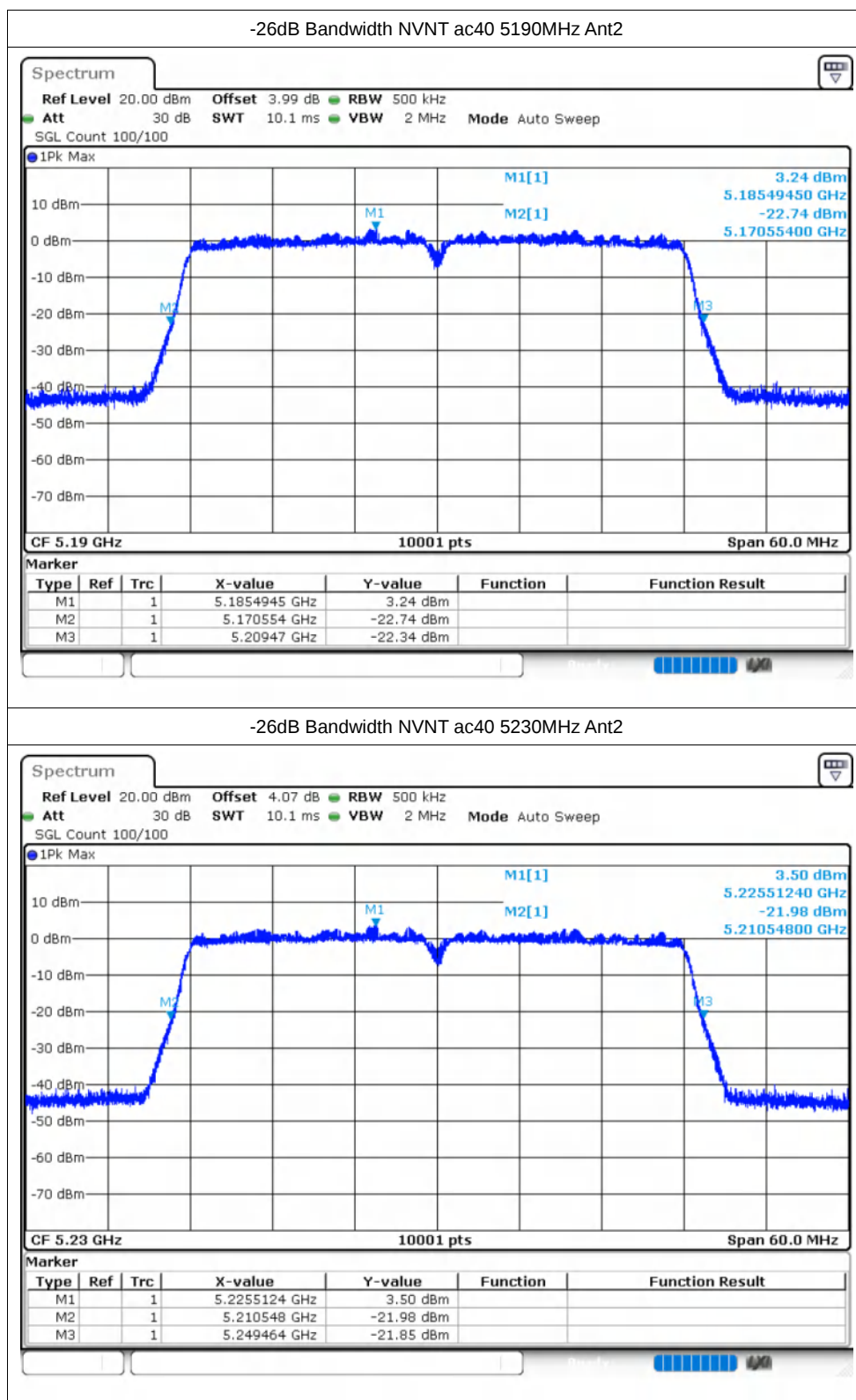


-26dB Bandwidth NVNT ac40 5190MHz Ant1

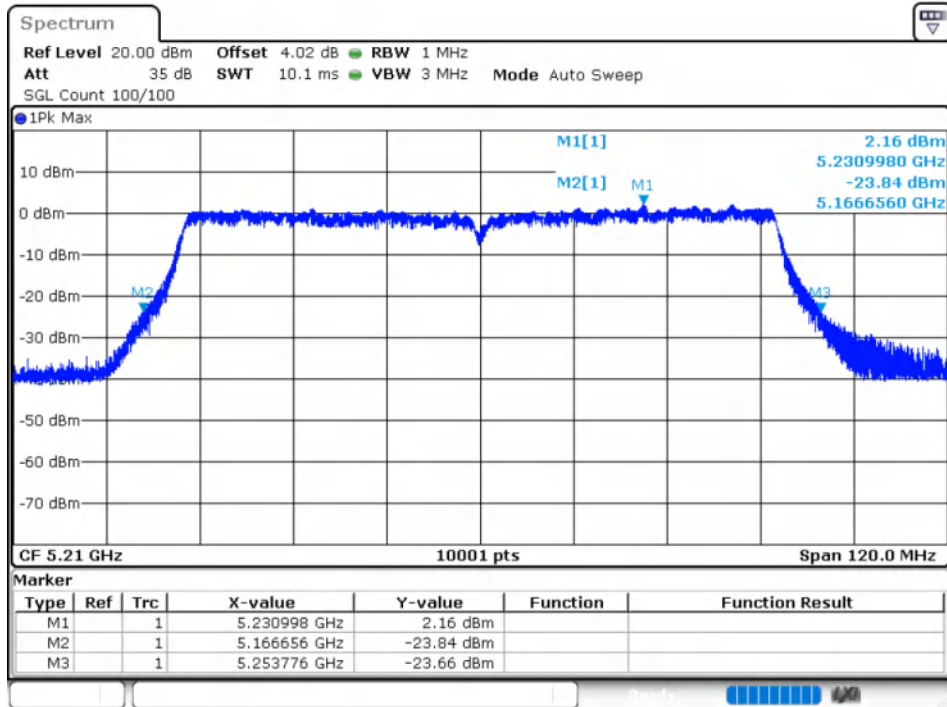


-26dB Bandwidth NVNT ac40 5230MHz Ant1

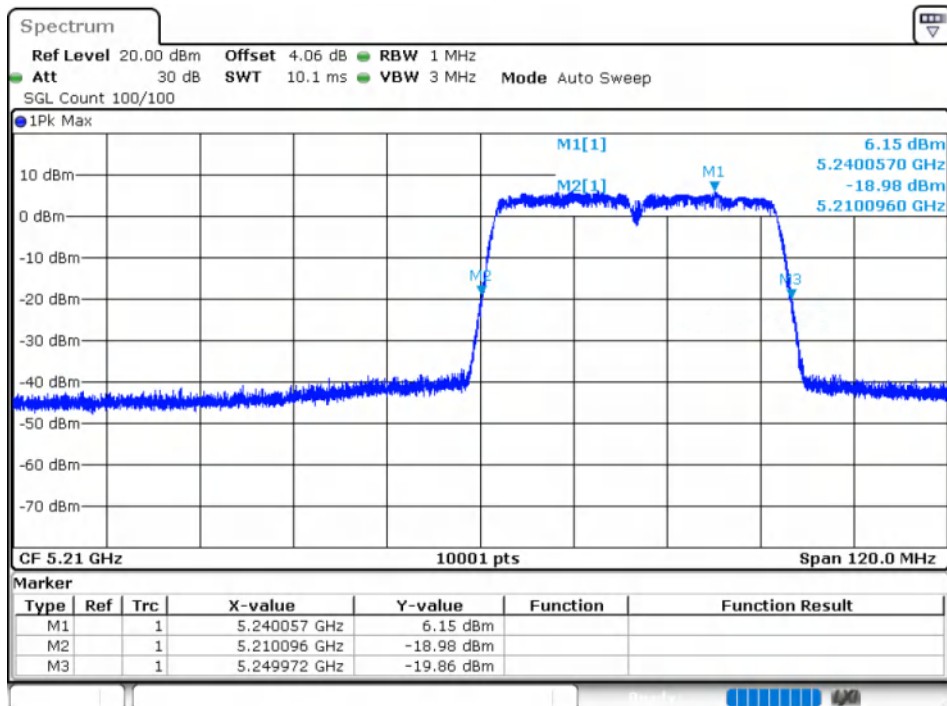




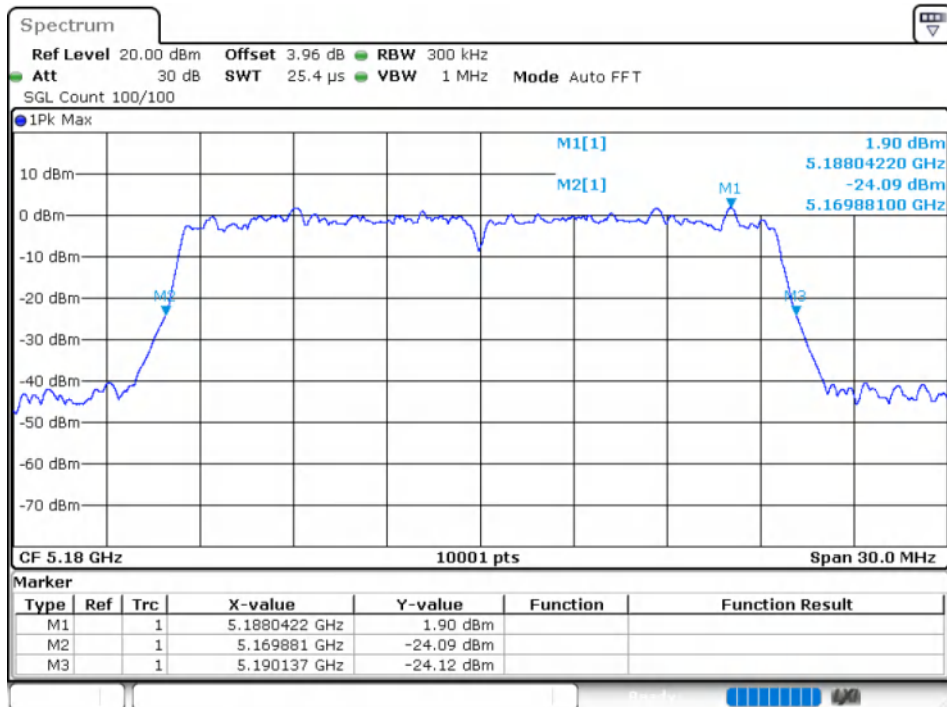
-26dB Bandwidth NVNT ac80 5210MHz Ant1



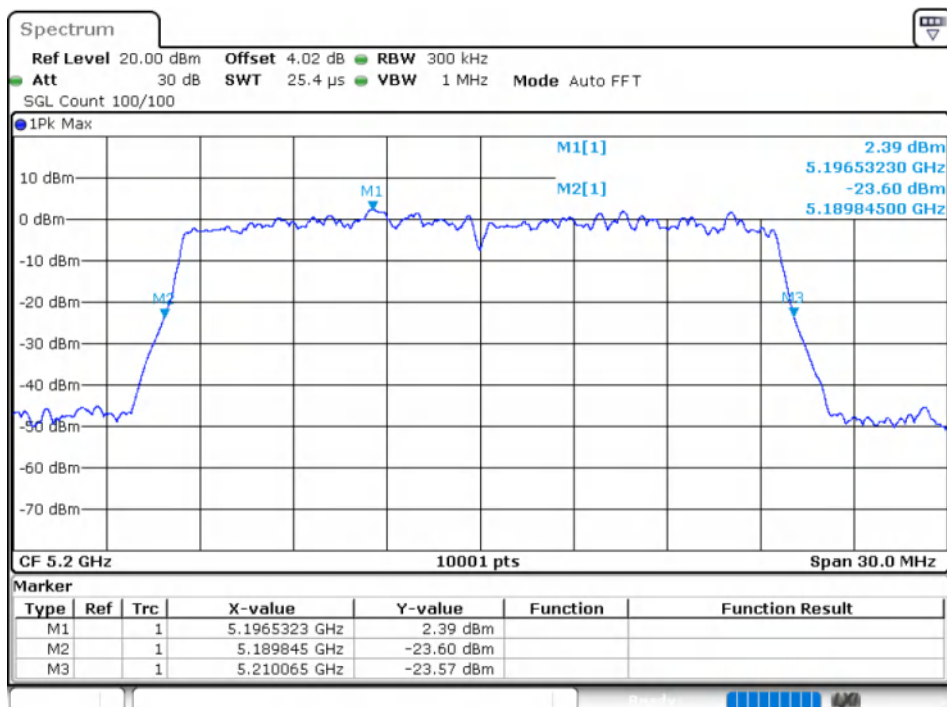
-26dB Bandwidth NVNT ac80 5210MHz Ant2



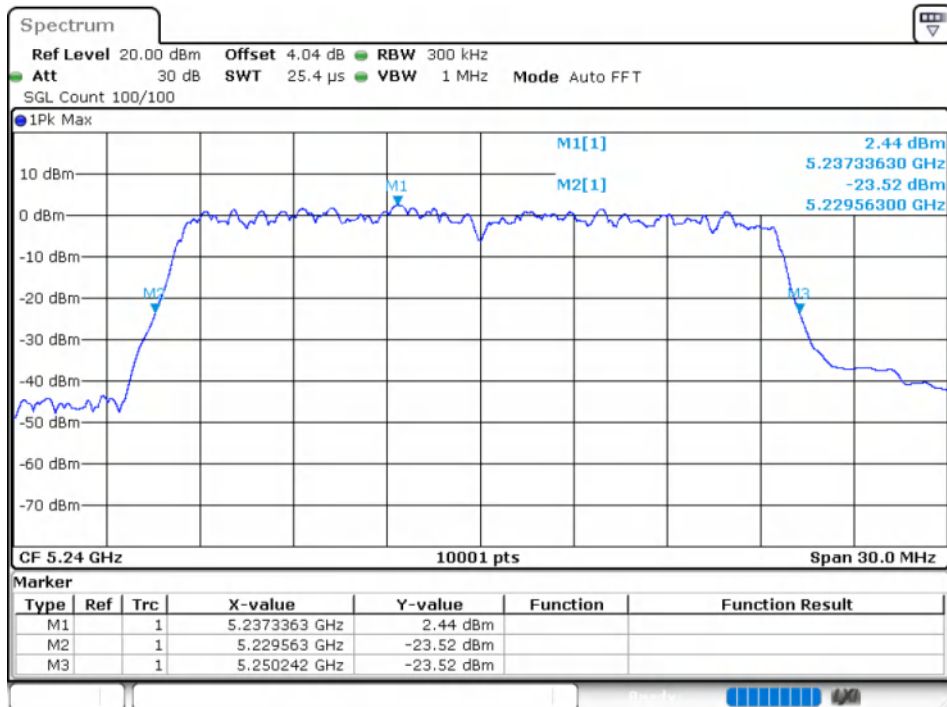
-26dB Bandwidth NVNT ax20 5180MHz Ant1



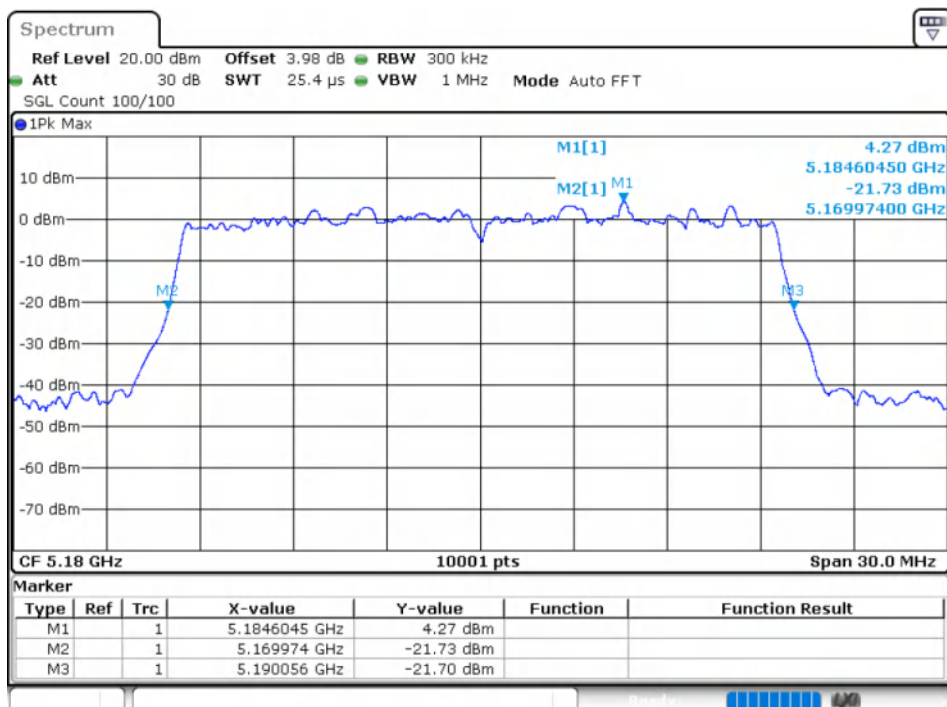
-26dB Bandwidth NVNT ax20 5200MHz Ant1



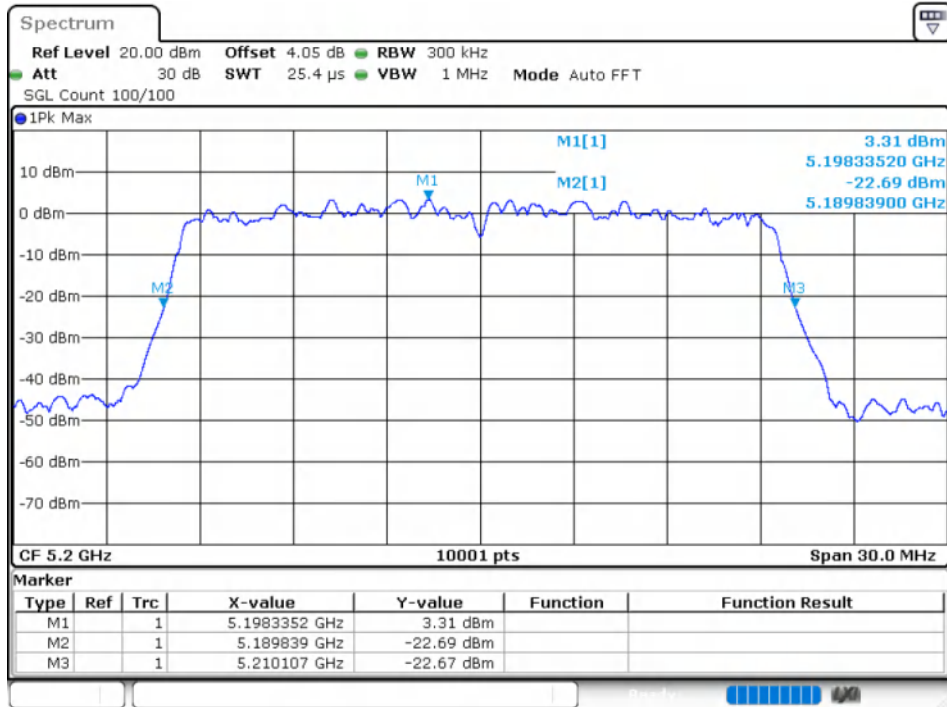
-26dB Bandwidth NVNT ax20 5240MHz Ant1



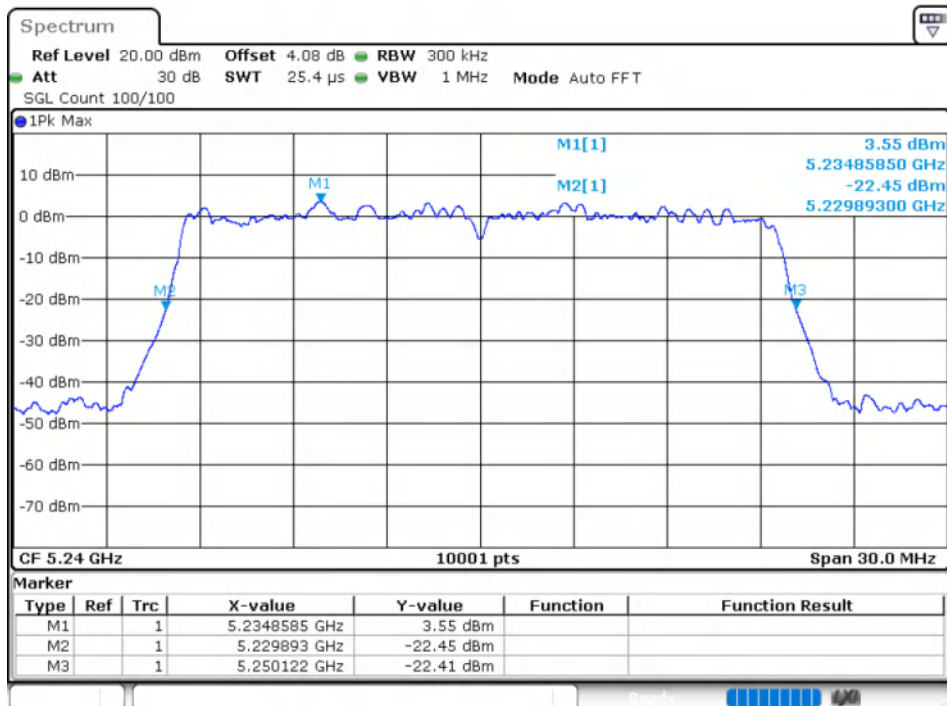
-26dB Bandwidth NVNT ax20 5180MHz Ant2



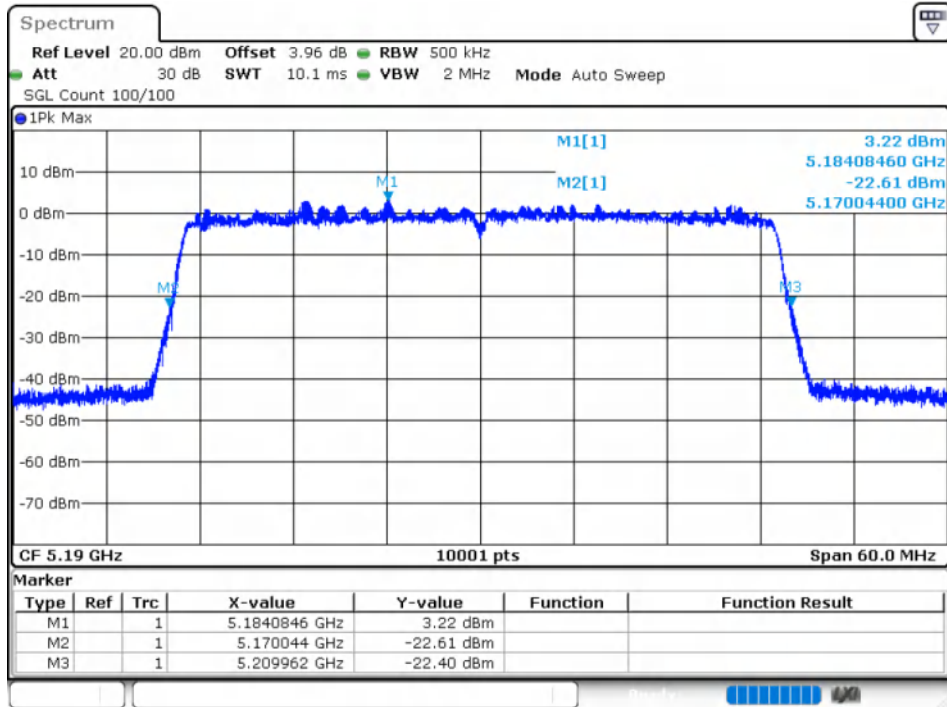
-26dB Bandwidth NVNT ax20 5200MHz Ant2



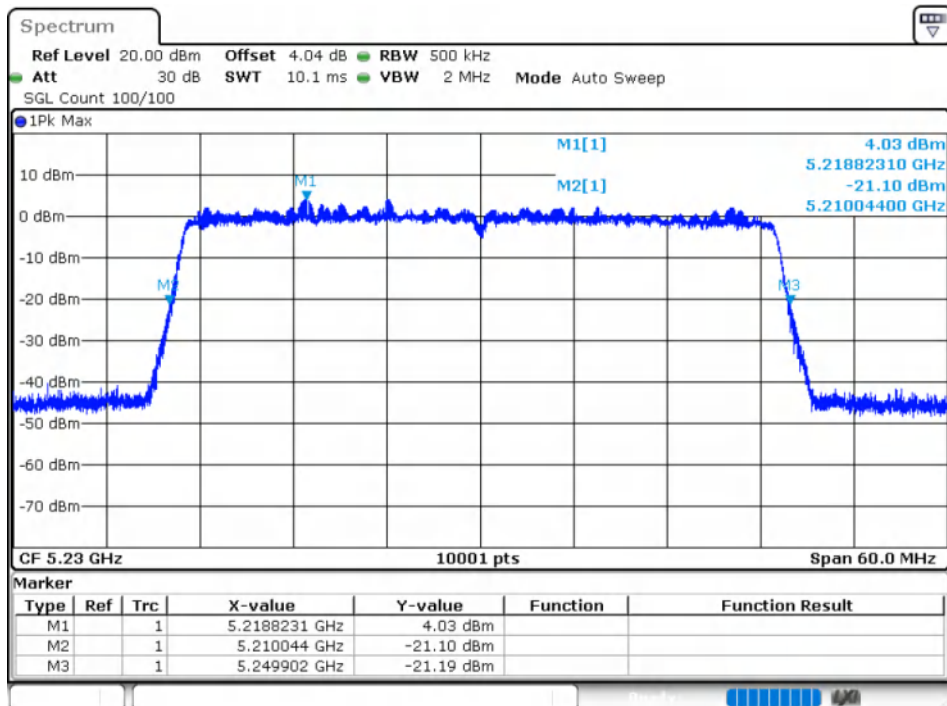
-26dB Bandwidth NVNT ax20 5240MHz Ant2



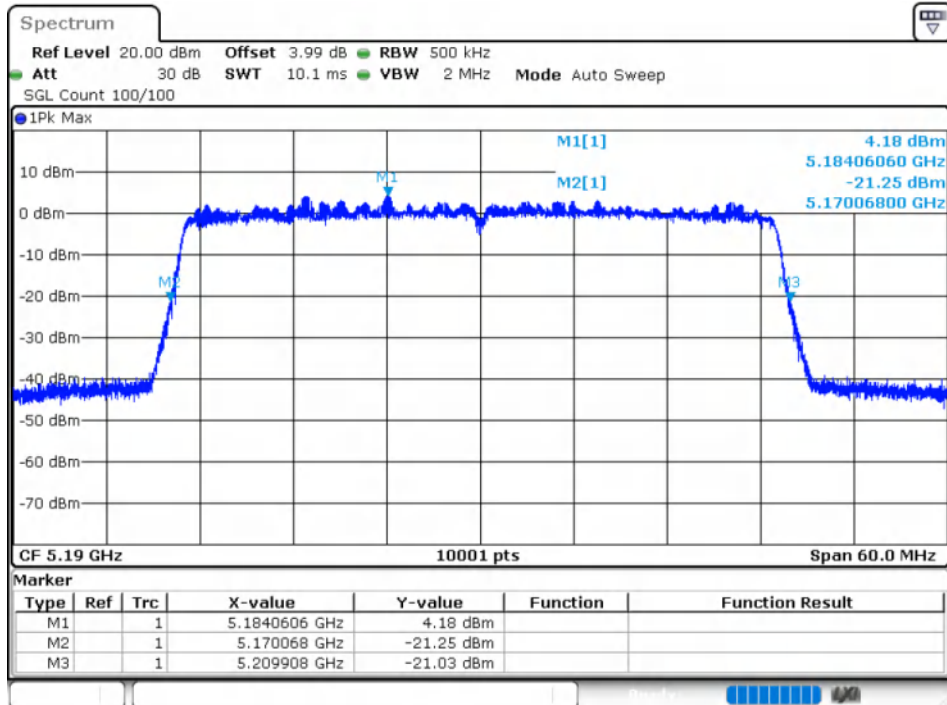
-26dB Bandwidth NVNT ax40 5190MHz Ant1



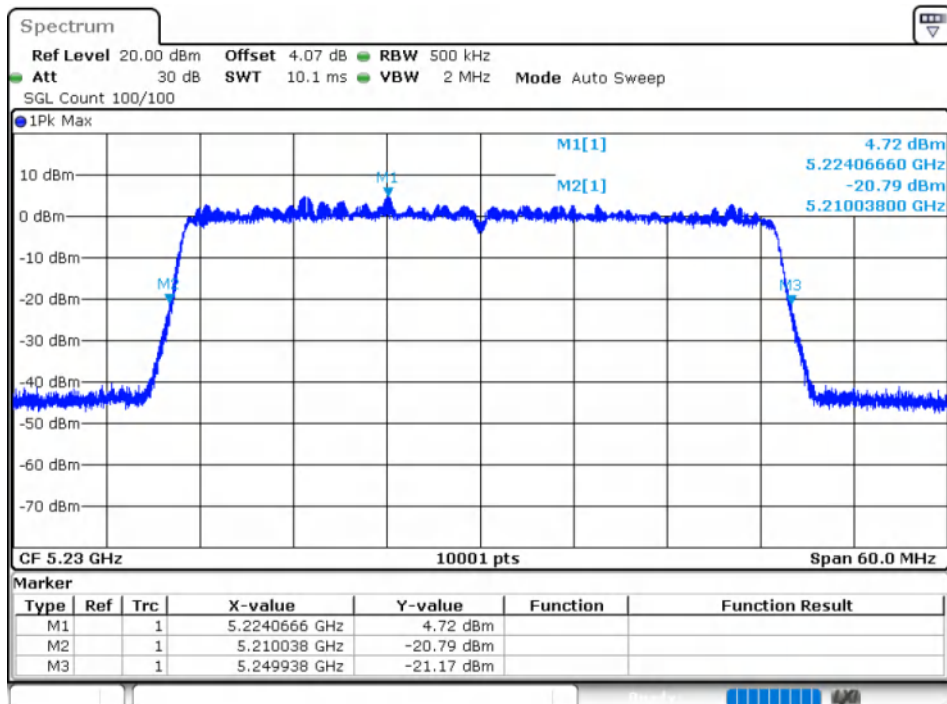
-26dB Bandwidth NVNT ax40 5230MHz Ant1



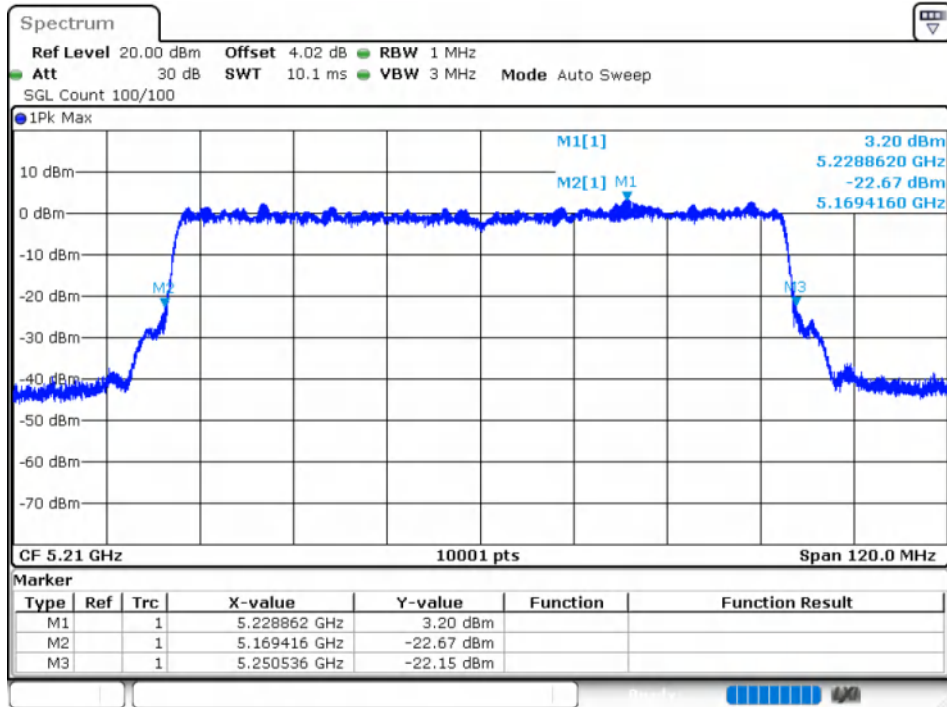
-26dB Bandwidth NVNT ax40 5190MHz Ant2



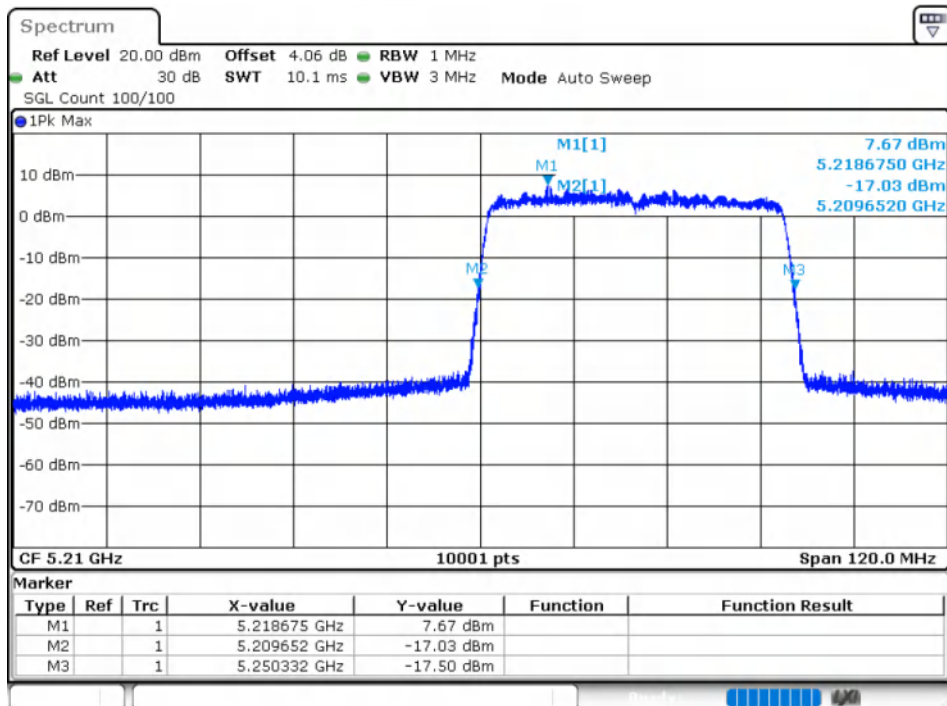
-26dB Bandwidth NVNT ax40 5230MHz Ant2



-26dB Bandwidth NVNT ax80 5210MHz Ant1



-26dB Bandwidth NVNT ax80 5210MHz Ant2

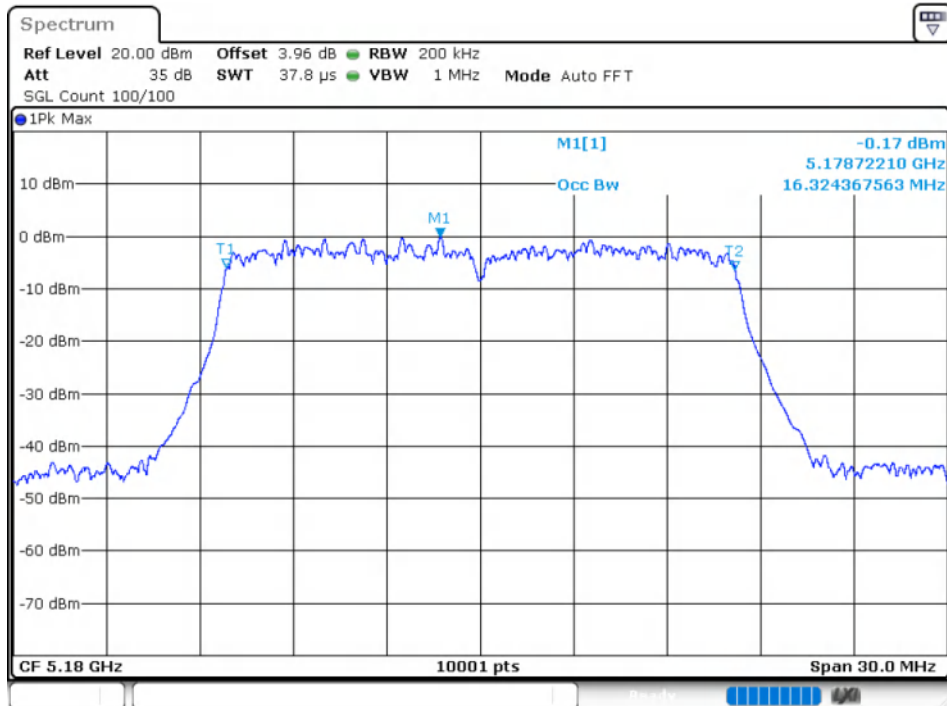


Occupied Channel Bandwidth

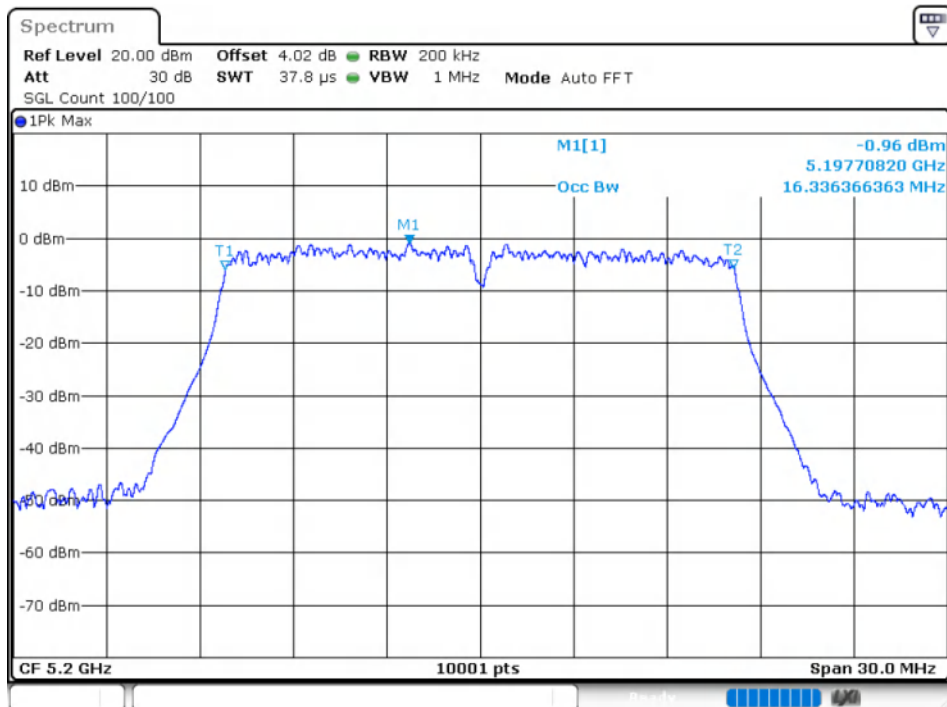
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.324
NVNT	a	5200	Ant1	16.336
NVNT	a	5240	Ant1	16.327
NVNT	a	5180	Ant2	16.357
NVNT	a	5200	Ant2	16.372
NVNT	a	5240	Ant2	16.366
NVNT	n20	5180	Ant1	17.533
NVNT	n20	5200	Ant1	17.551
NVNT	n20	5240	Ant1	17.524
NVNT	n20	5180	Ant2	17.536
NVNT	n20	5200	Ant2	17.503
NVNT	n20	5240	Ant2	17.56
NVNT	n40	5190	Ant1	35.996
NVNT	n40	5230	Ant1	36.02
NVNT	n40	5190	Ant2	35.966
NVNT	n40	5230	Ant2	35.996
NVNT	ac20	5180	Ant1	17.527
NVNT	ac20	5200	Ant1	17.515
NVNT	ac20	5240	Ant1	17.527
NVNT	ac20	5180	Ant2	17.524
NVNT	ac20	5200	Ant2	17.503
NVNT	ac20	5240	Ant2	17.545
NVNT	ac40	5190	Ant1	36.074
NVNT	ac40	5230	Ant1	36.098
NVNT	ac40	5190	Ant2	36.056
NVNT	ac40	5230	Ant2	36.08
NVNT	ac80	5210	Ant1	76.168
NVNT	ac80	5210	Ant2	36.2
NVNT	ax20	5180	Ant1	18.877
NVNT	ax20	5200	Ant1	18.931
NVNT	ax20	5240	Ant1	18.913
NVNT	ax20	5180	Ant2	18.91
NVNT	ax20	5200	Ant2	18.928
NVNT	ax20	5240	Ant2	18.874
NVNT	ax40	5190	Ant1	37.628
NVNT	ax40	5230	Ant1	37.64
NVNT	ax40	5190	Ant2	37.604
NVNT	ax40	5230	Ant2	37.634
NVNT	ax80	5210	Ant1	77.152
NVNT	ax80	5210	Ant2	37.772

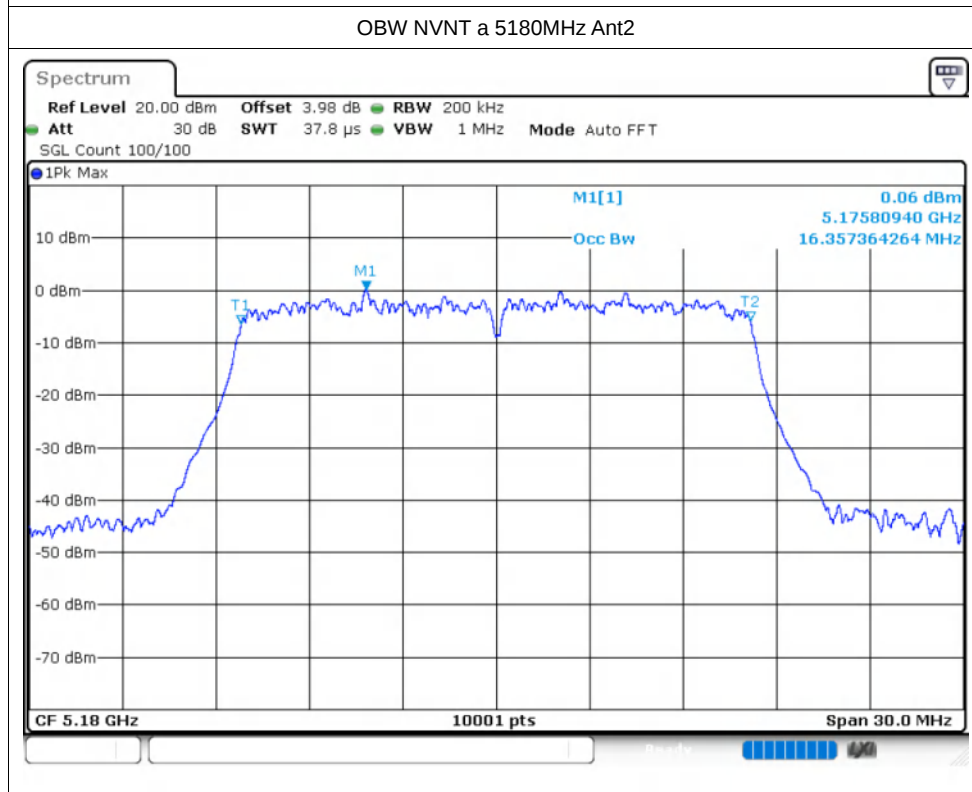
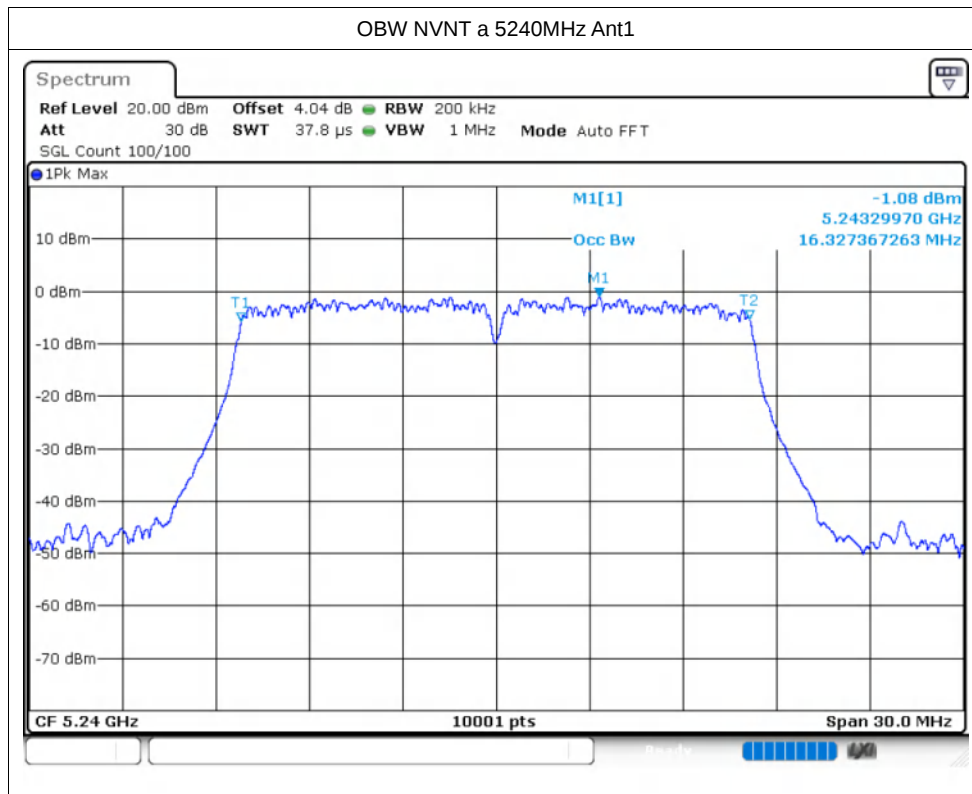
Test Graphs

OBW NVNT a 5180MHz Ant1

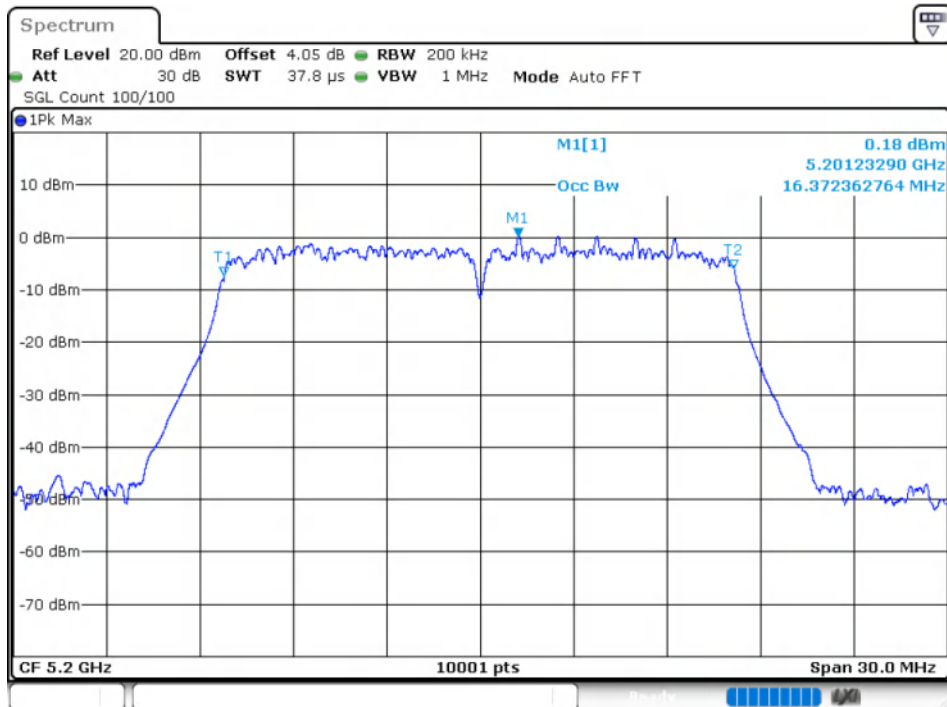


OBW NVNT a 5200MHz Ant1

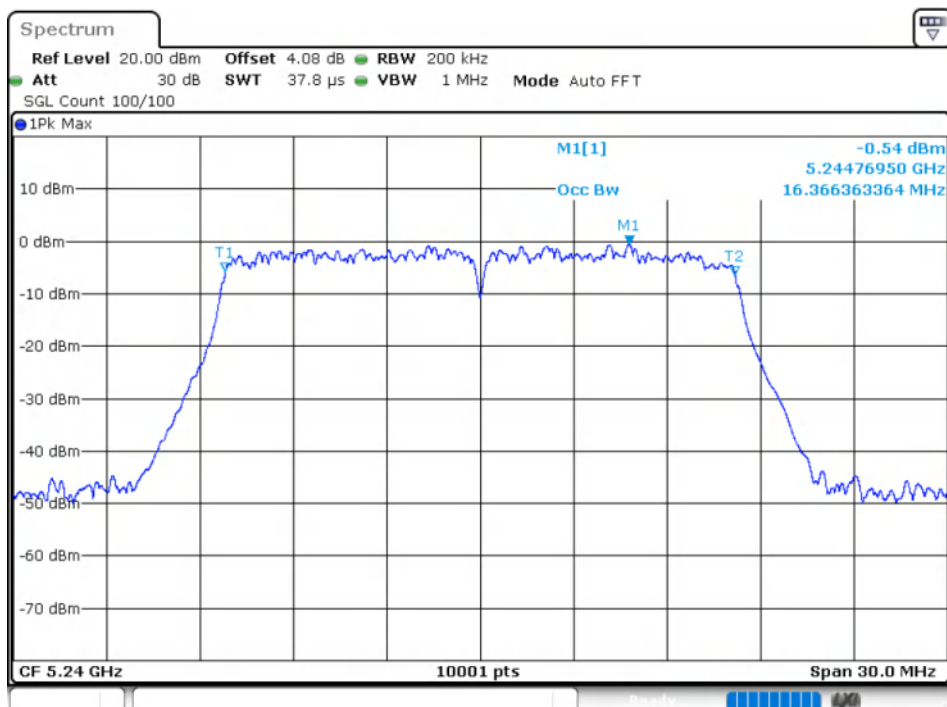


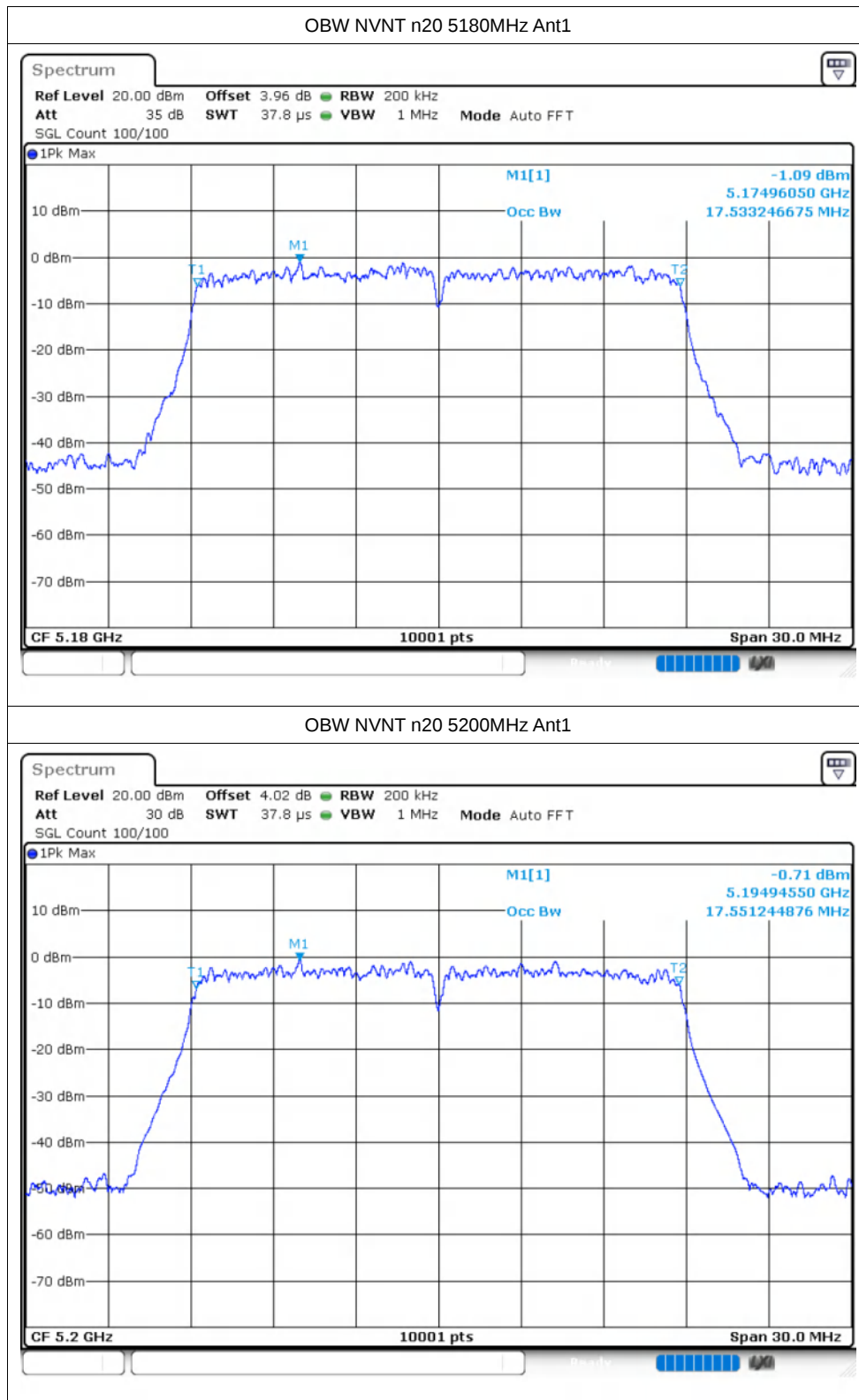


OBW NVNT a 5200MHz Ant2

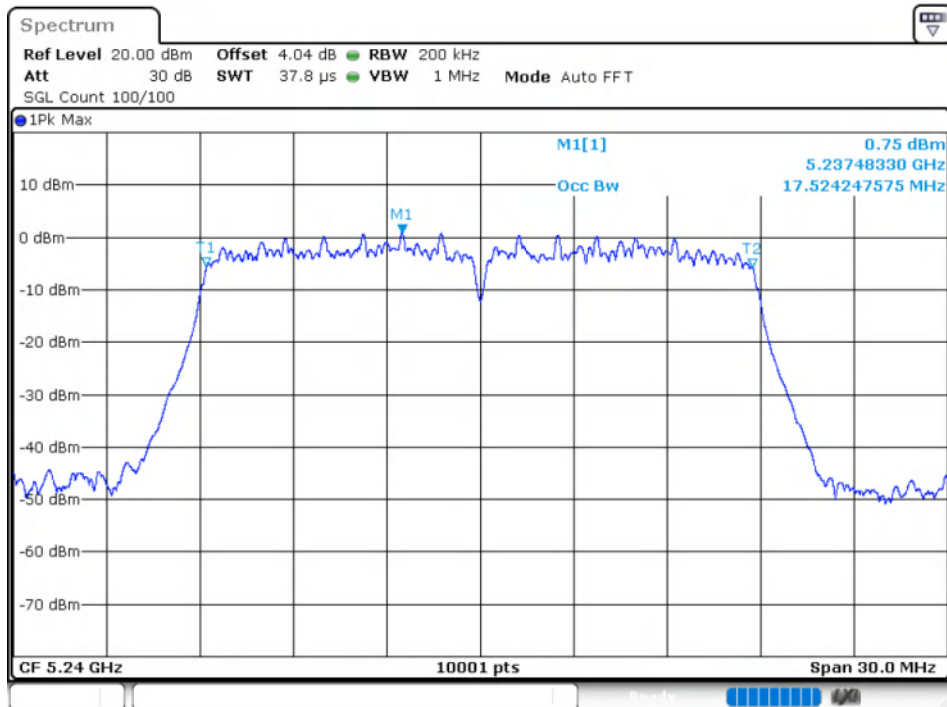


OBW NVNT a 5240MHz Ant2

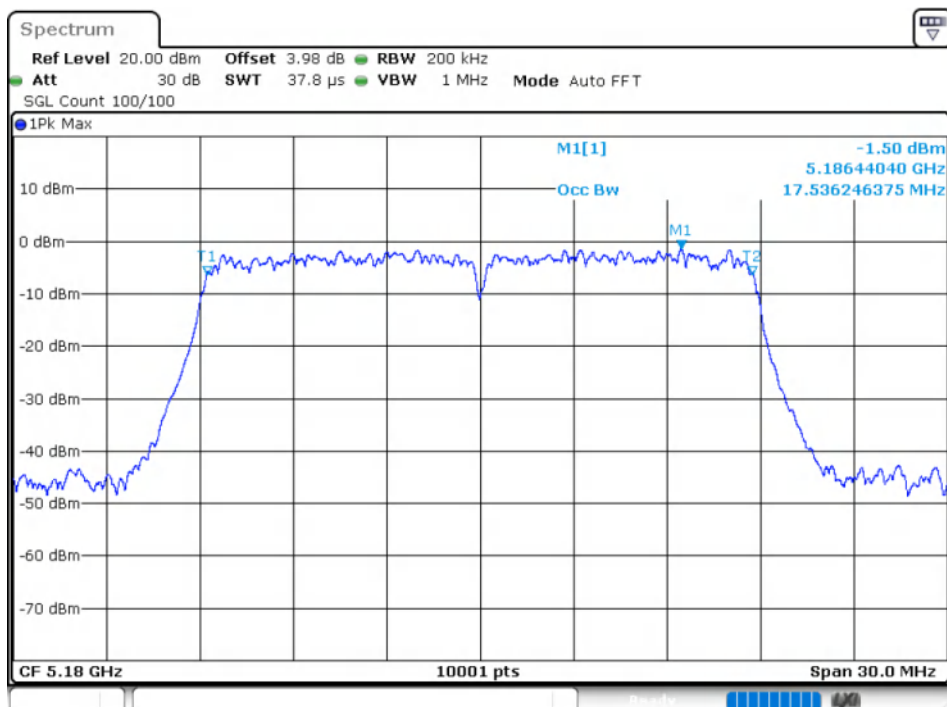


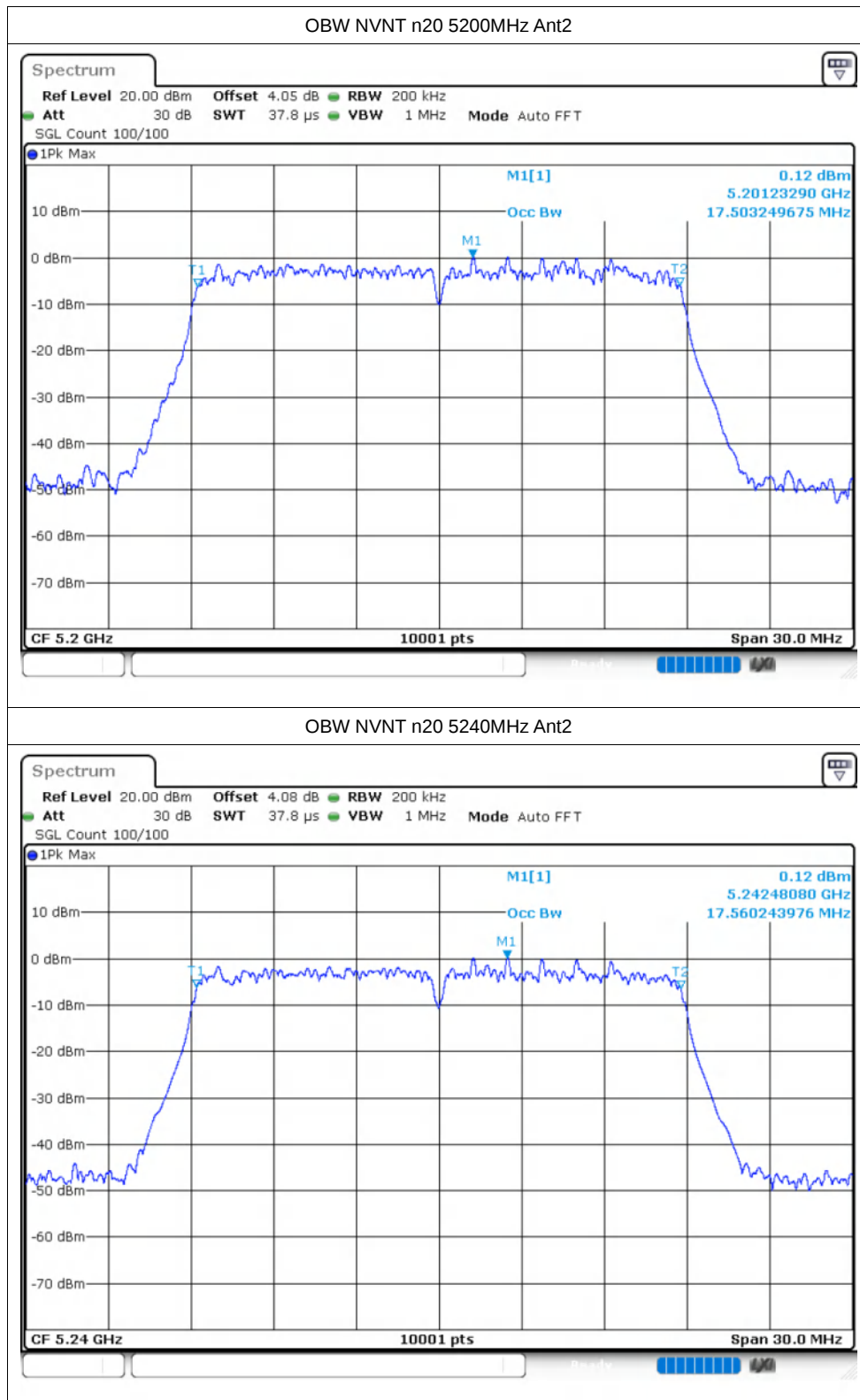


OBW NVNT n20 5240MHz Ant1

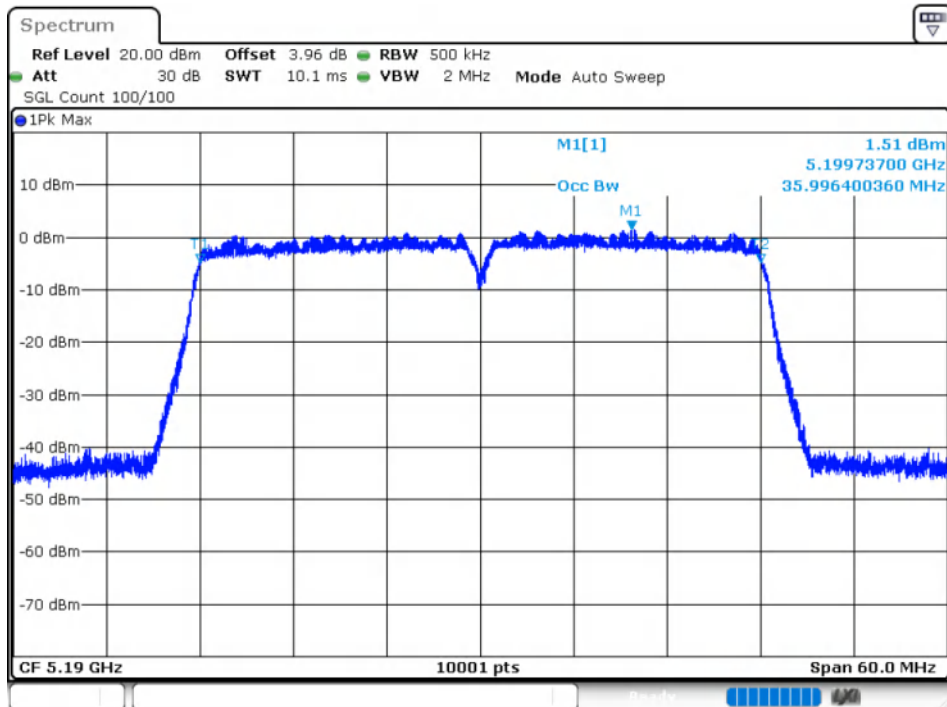


OBW NVNT n20 5180MHz Ant2

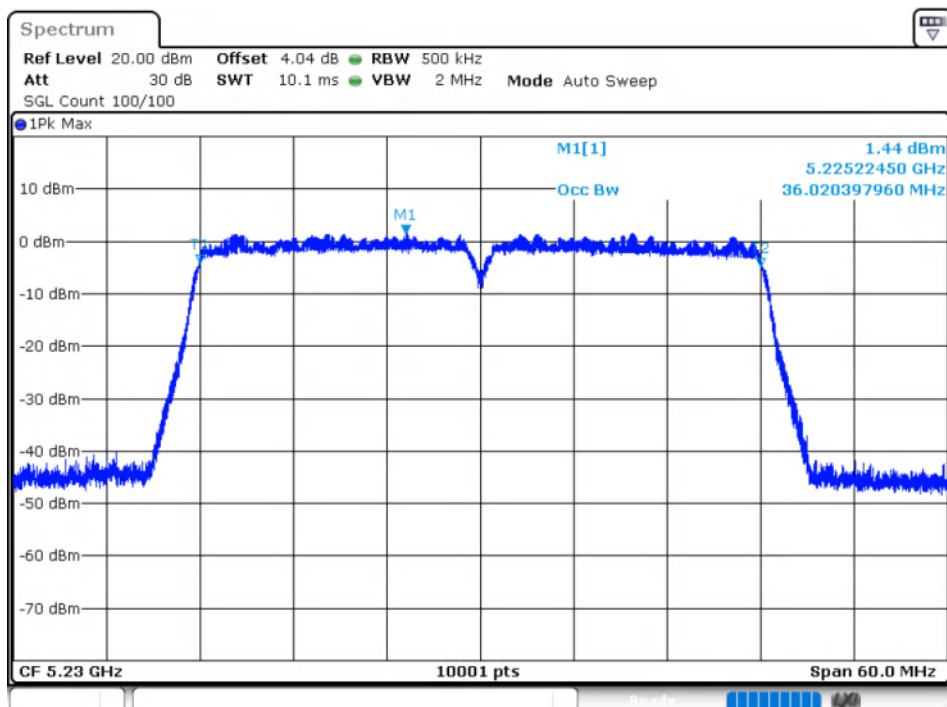


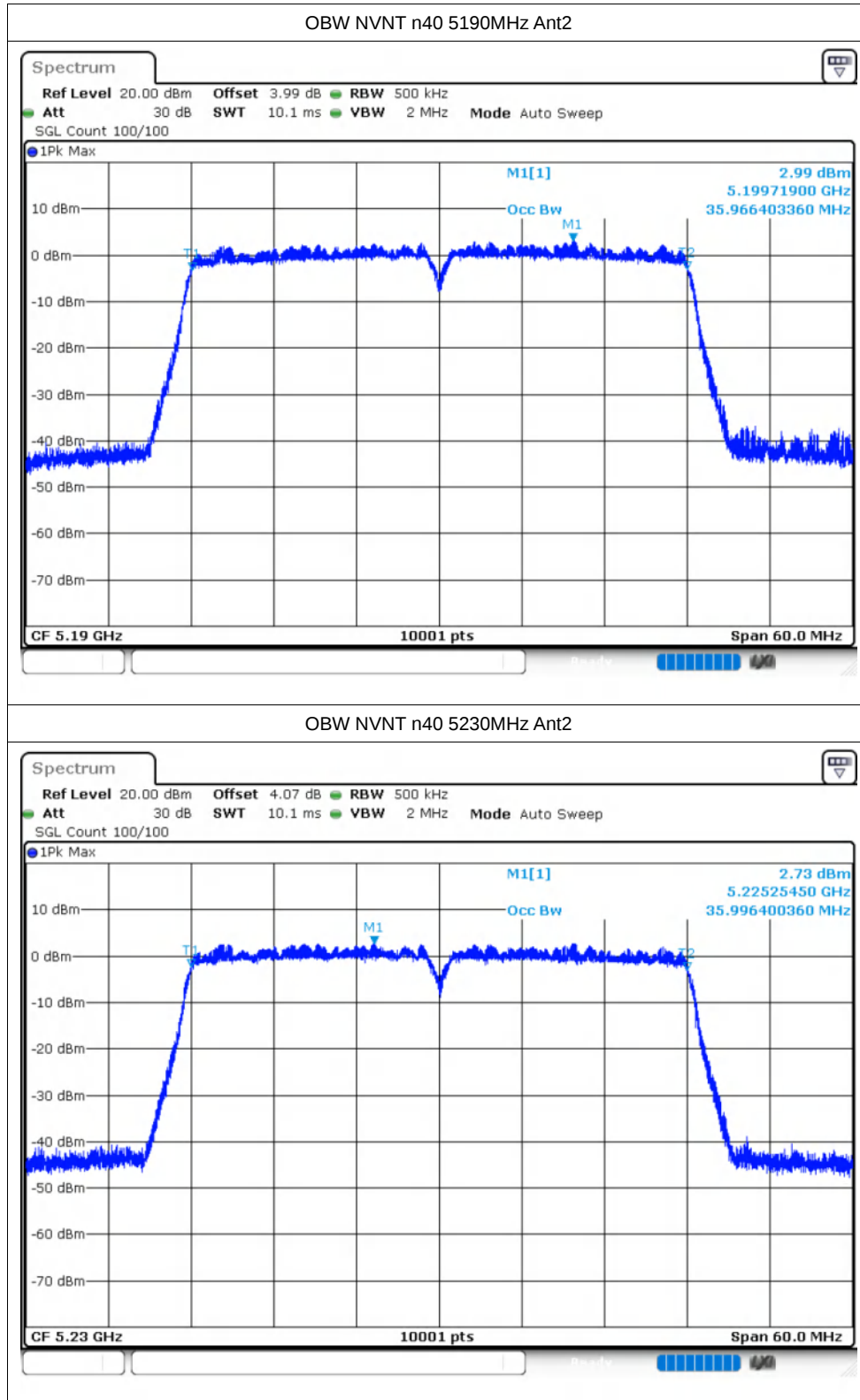


OBW NVNT n40 5190MHz Ant1

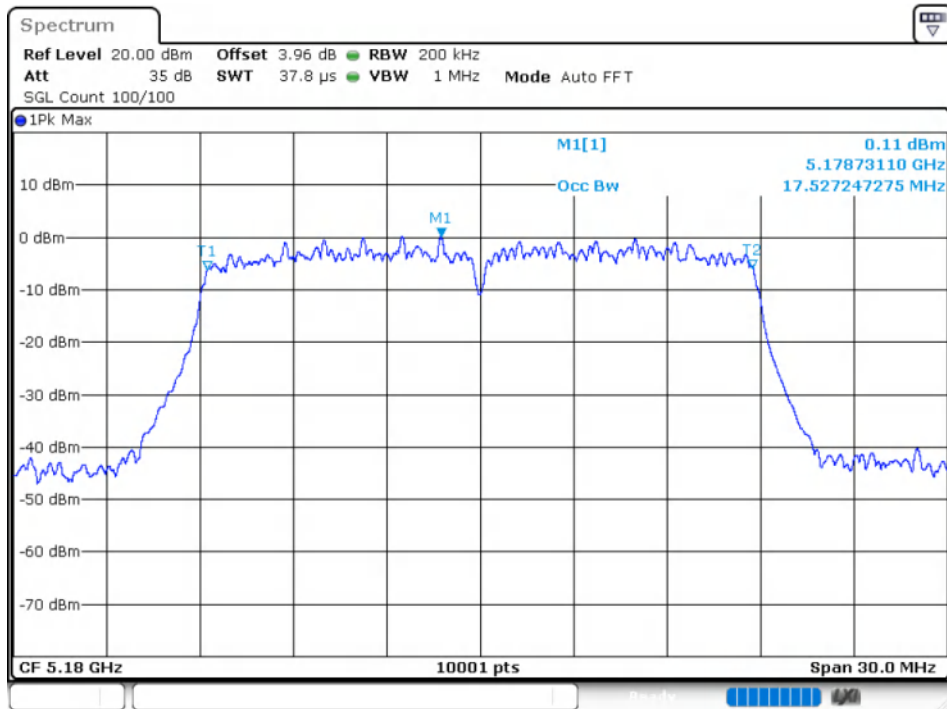


OBW NVNT n40 5230MHz Ant1

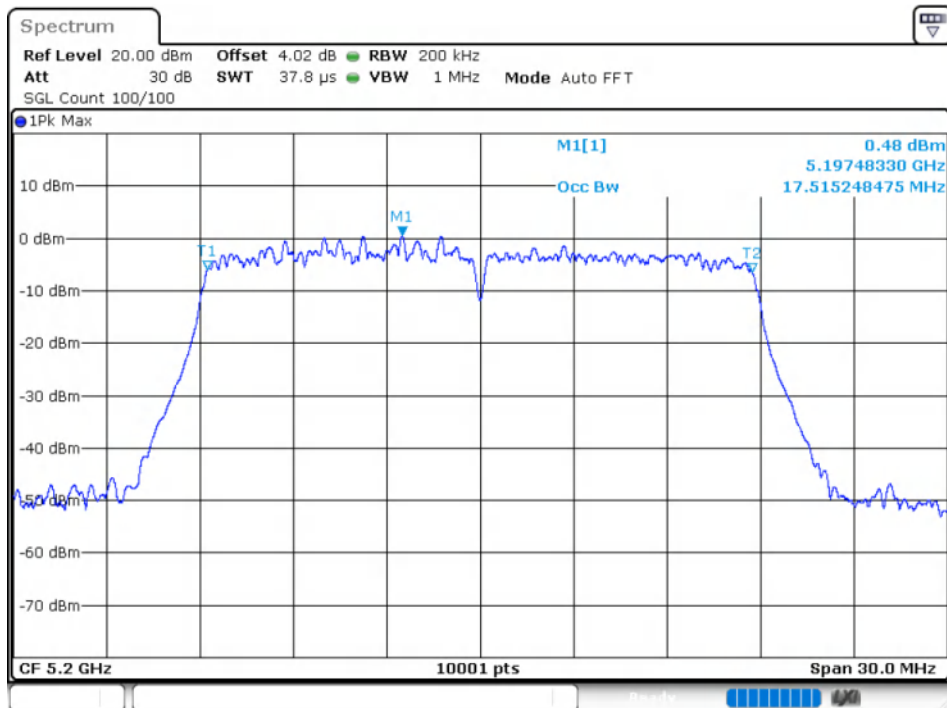




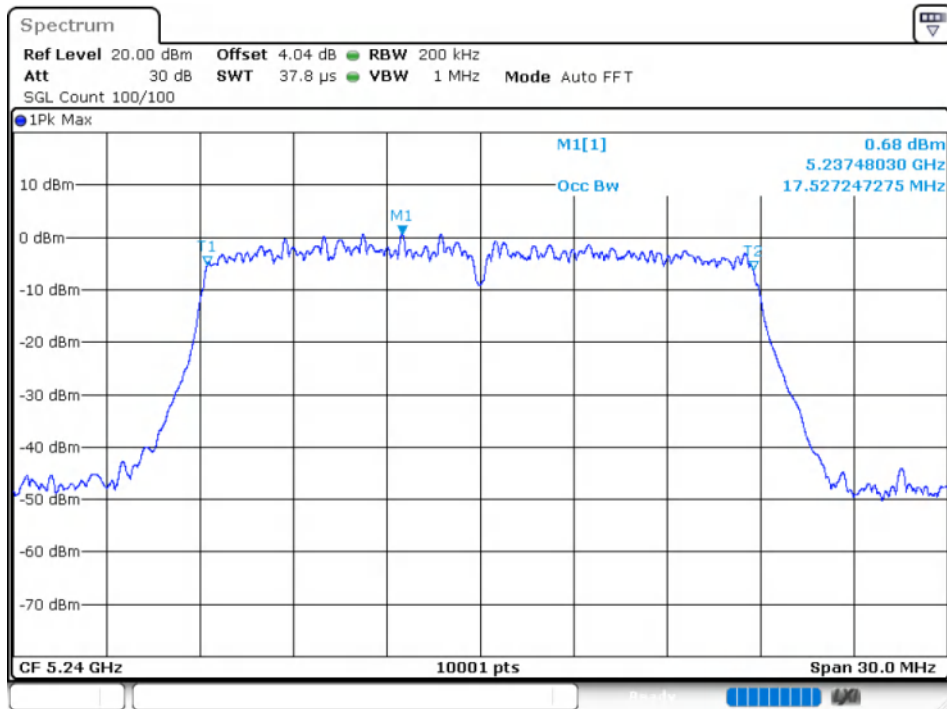
OBW NVNT ac20 5180MHz Ant1



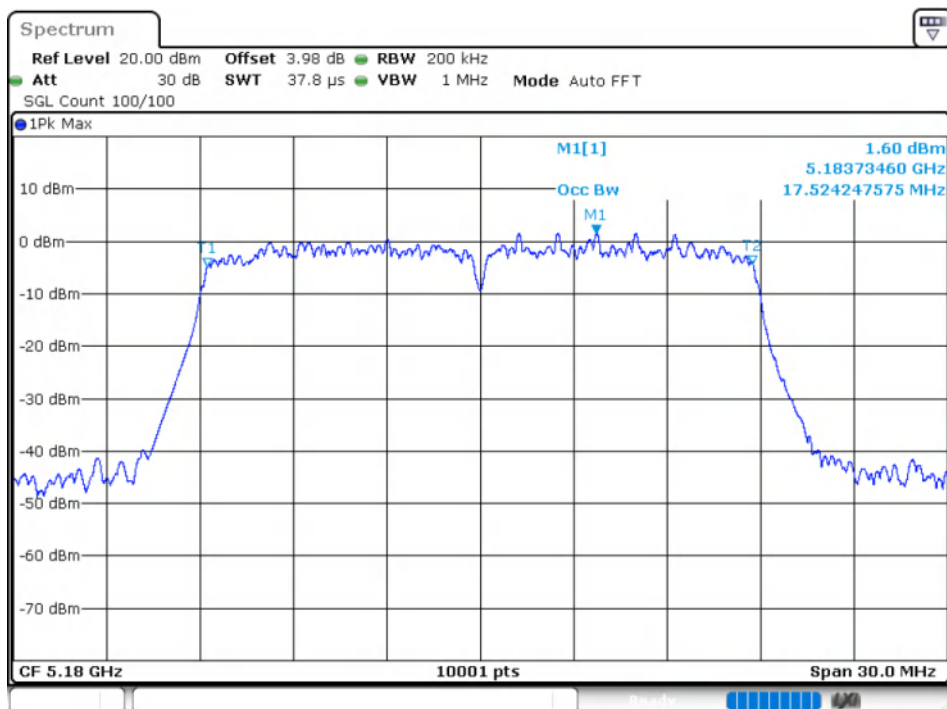
OBW NVNT ac20 5200MHz Ant1

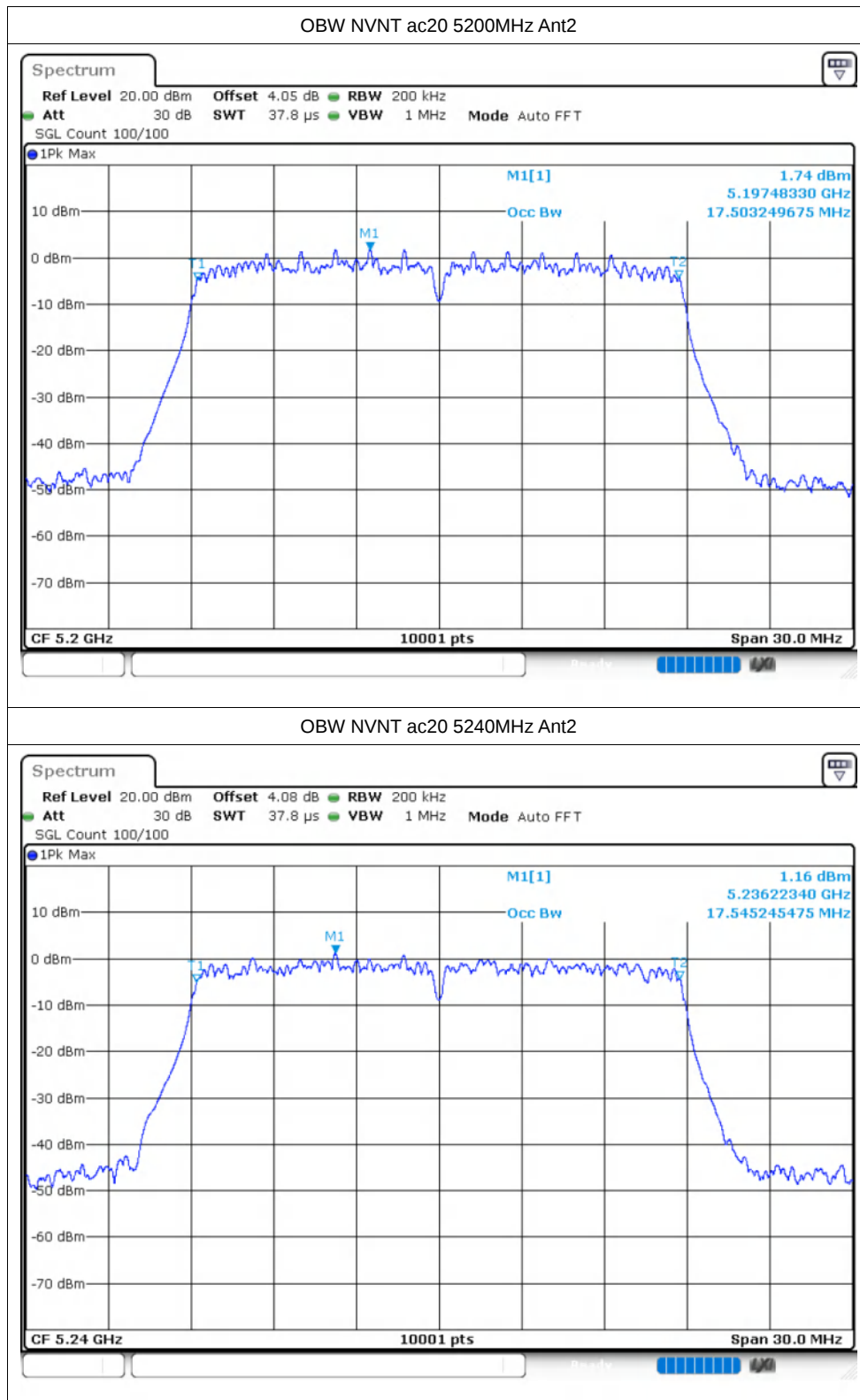


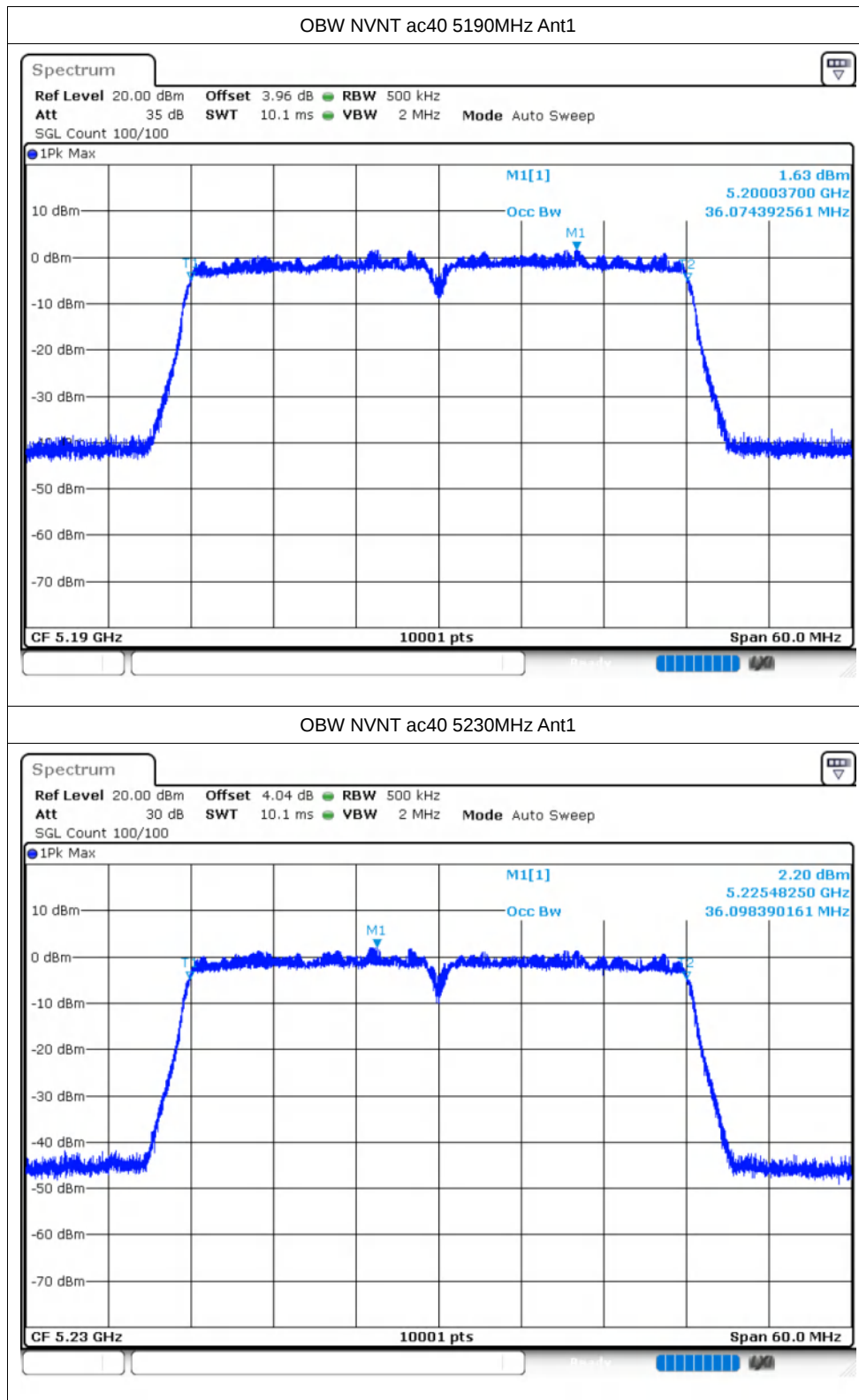
OBW NVNT ac20 5240MHz Ant1



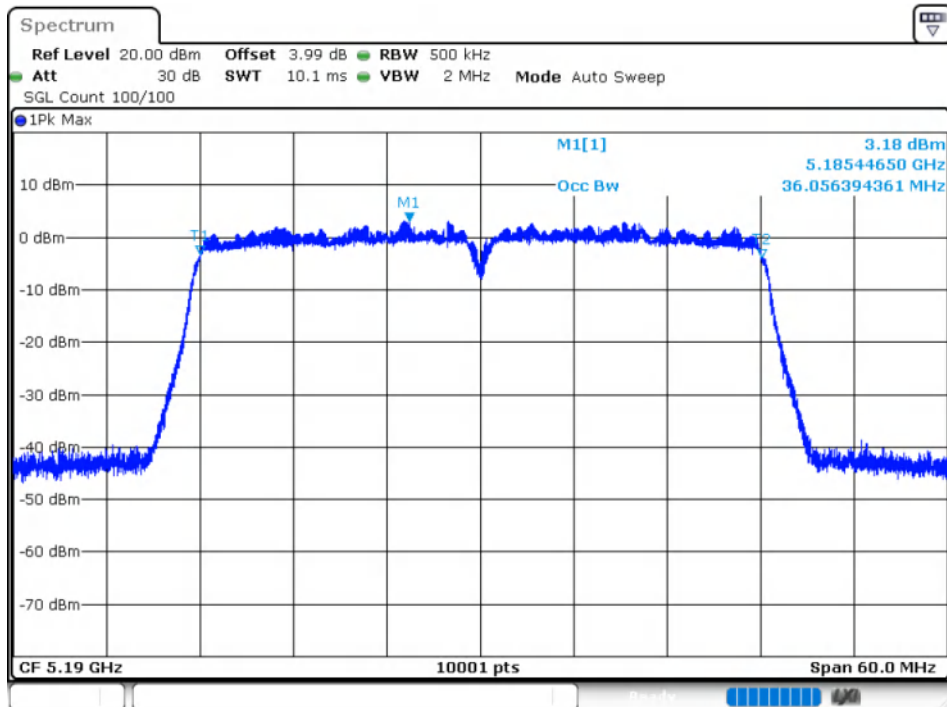
OBW NVNT ac20 5180MHz Ant2



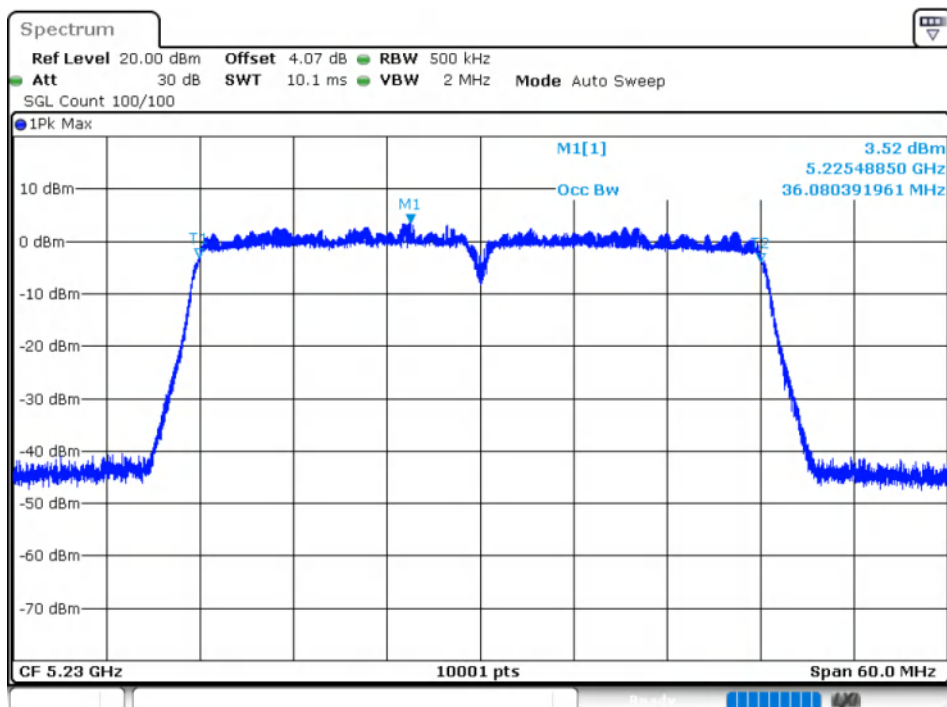




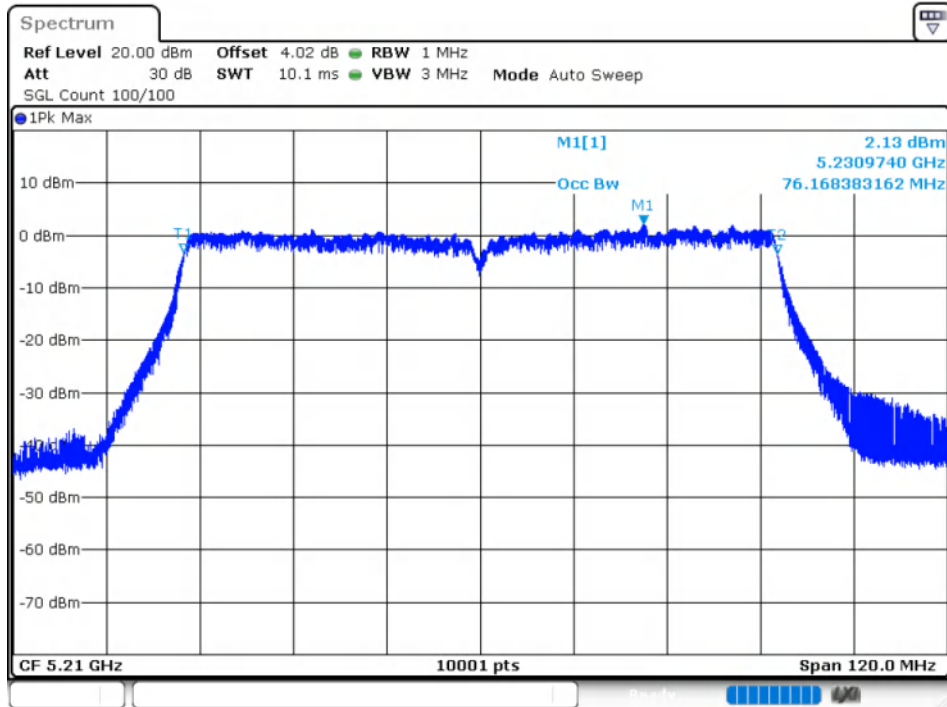
OBW NVNT ac40 5190MHz Ant2



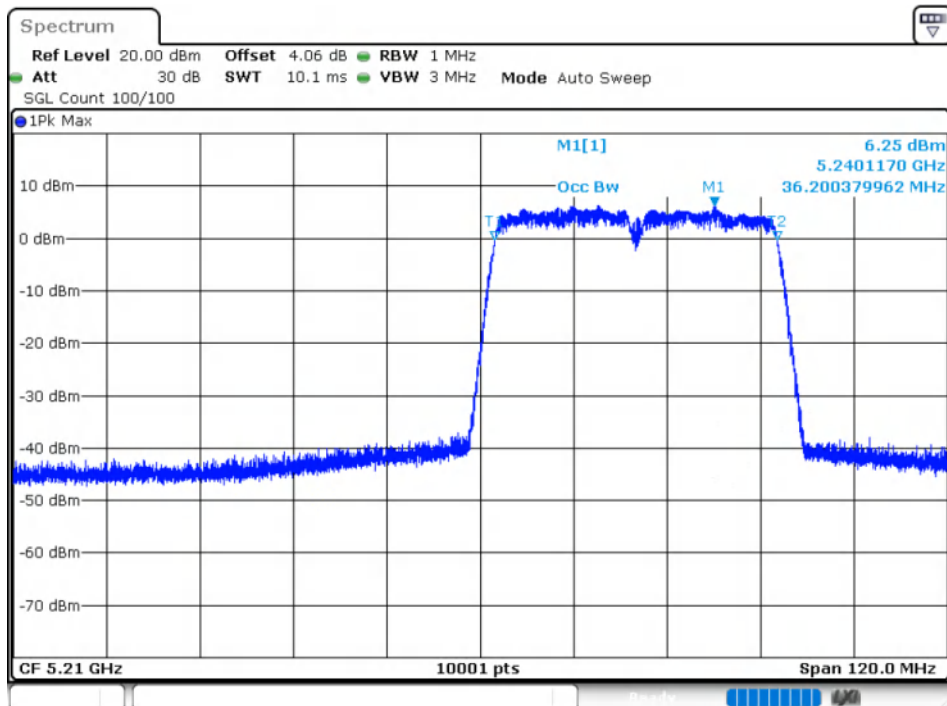
OBW NVNT ac40 5230MHz Ant2

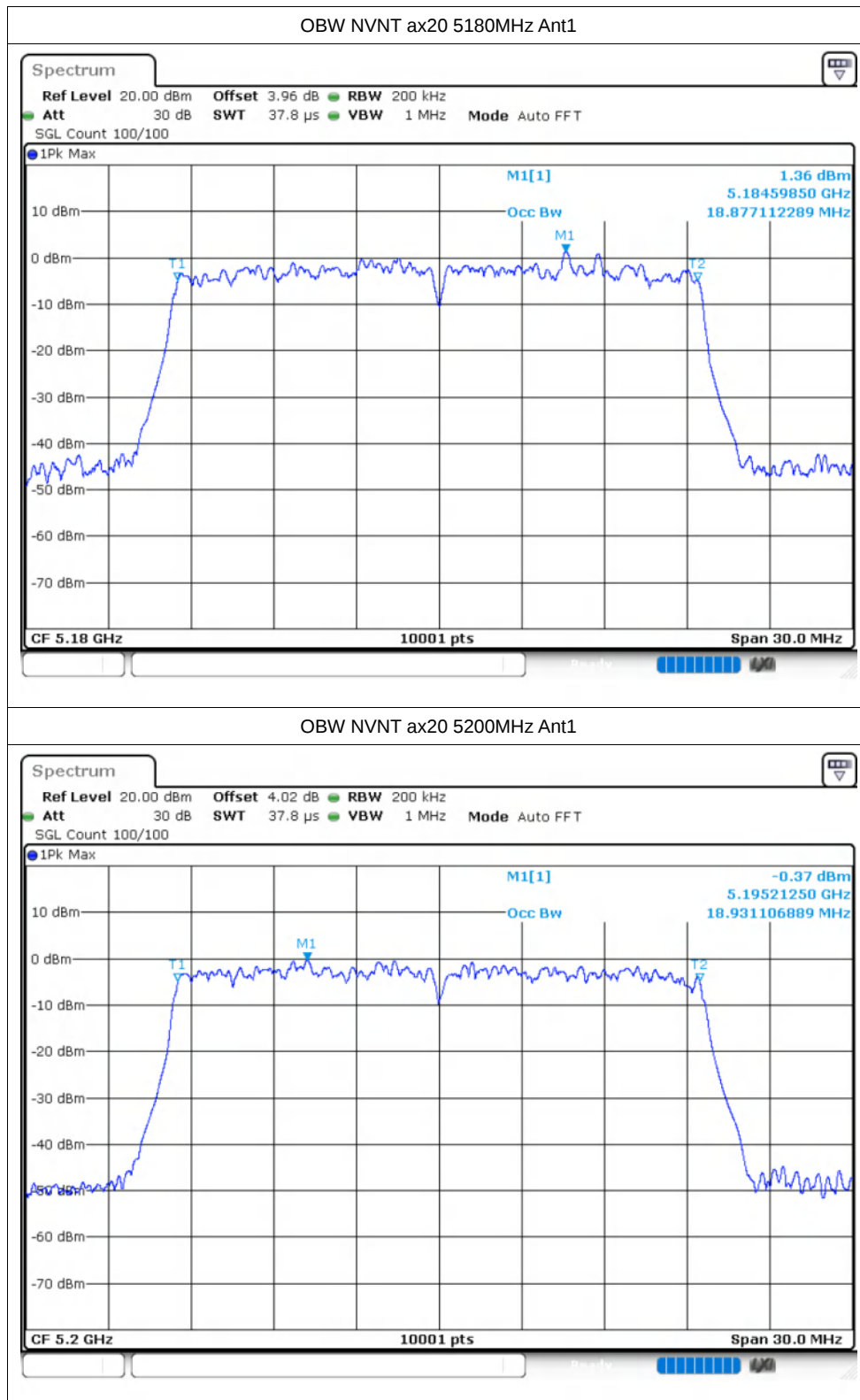


OBW NVNT ac80 5210MHz Ant1

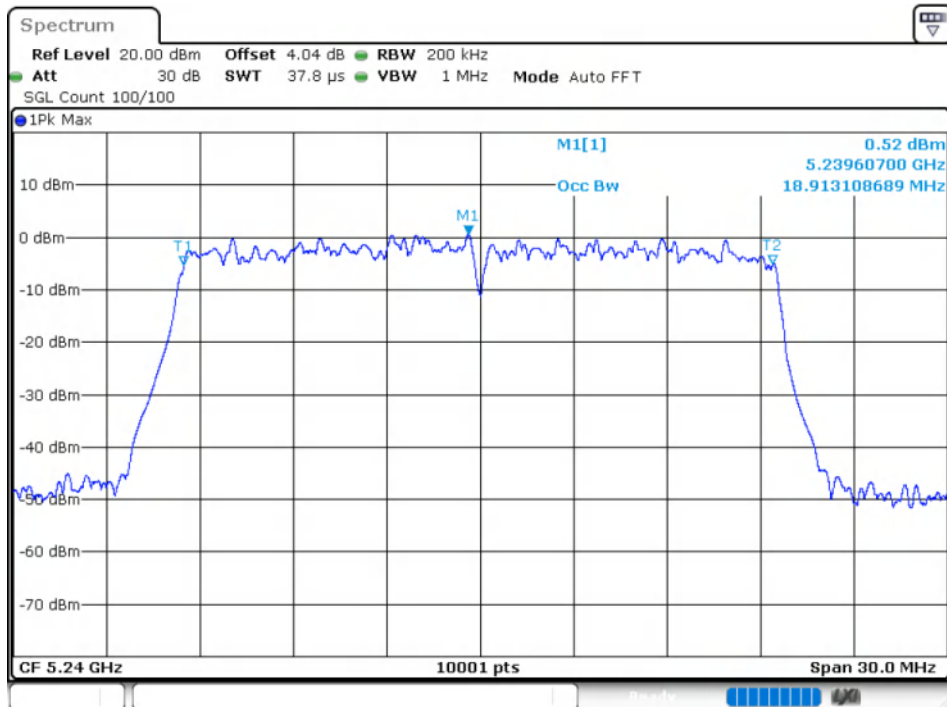


OBW NVNT ac80 5210MHz Ant2





OBW NVNT ax20 5240MHz Ant1



OBW NVNT ax20 5180MHz Ant2

