

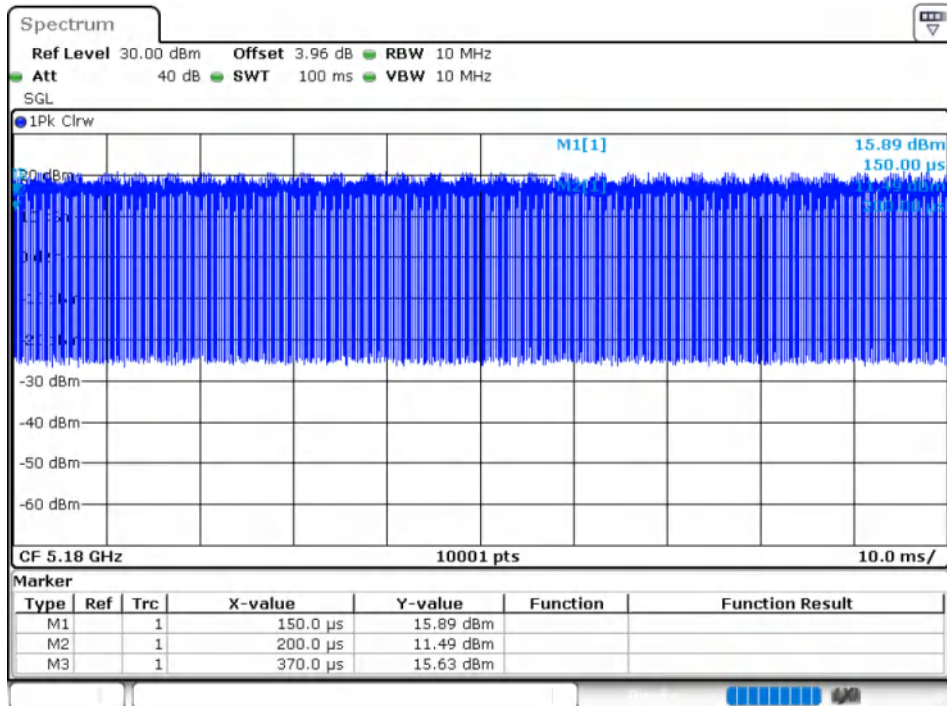
5.2G WIFI

Duty Cycle

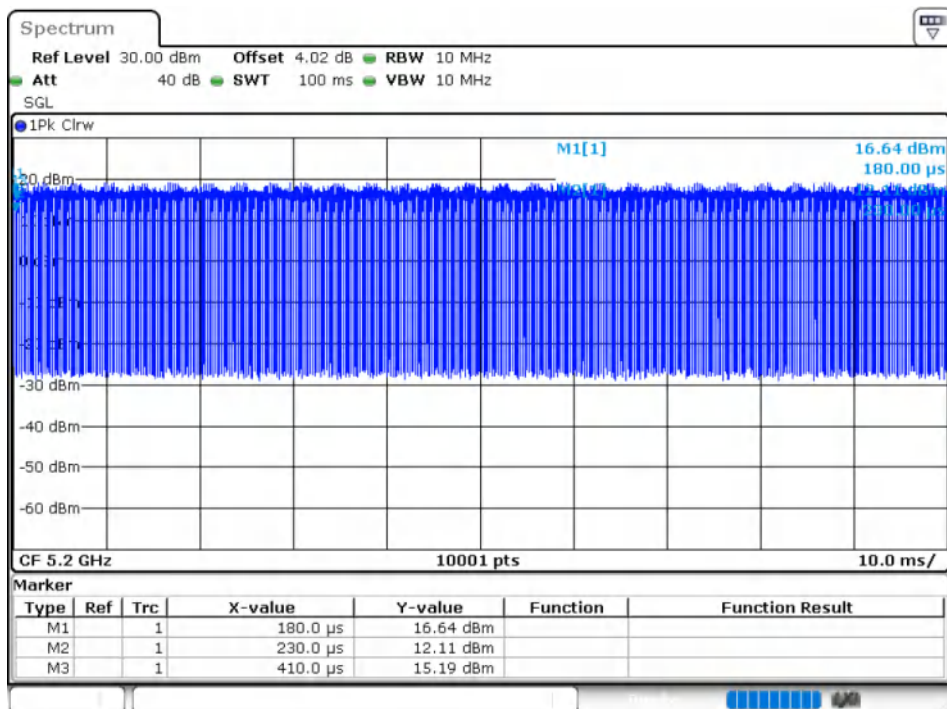
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	84.18	0.75	5.88
NVNT	a	5200	Ant1	84.24	0.74	5.56
NVNT	a	5240	Ant1	84.17	0.75	5.56
NVNT	a	5180	Ant2	84.23	0.75	5.56
NVNT	a	5200	Ant2	84.24	0.74	5.88
NVNT	a	5240	Ant2	84.18	0.75	5.88
NVNT	n20	5180	Ant1	83.3	0.79	5.88
NVNT	n20	5200	Ant1	83.26	0.8	6.25
NVNT	n20	5240	Ant1	83.3	0.79	6.25
NVNT	n20	5180	Ant2	83.32	0.79	5.88
NVNT	n20	5200	Ant2	83.31	0.79	6.25
NVNT	n20	5240	Ant2	83.32	0.79	6.25
NVNT	n40	5190	Ant1	76.28	1.18	10
NVNT	n40	5230	Ant1	76.4	1.17	10
NVNT	n40	5190	Ant2	76.37	1.17	10
NVNT	n40	5230	Ant2	76.37	1.17	10
NVNT	ac20	5180	Ant1	83.51	0.78	5.88
NVNT	ac20	5200	Ant1	83.58	0.78	5.88
NVNT	ac20	5240	Ant1	83.57	0.78	5.88
NVNT	ac20	5180	Ant2	83.64	0.78	5.88
NVNT	ac20	5200	Ant2	83.65	0.78	6.25
NVNT	ac20	5240	Ant2	83.62	0.78	5.88
NVNT	ac40	5190	Ant1	77.01	1.13	10
NVNT	ac40	5230	Ant1	77.02	1.13	9.09
NVNT	ac40	5190	Ant2	77.01	1.13	10
NVNT	ac40	5230	Ant2	77.02	1.13	10
NVNT	ac80	5210	Ant1	70.91	1.49	14.29
NVNT	ac80	5210	Ant2	70.93	1.49	12.5

Test Graphs

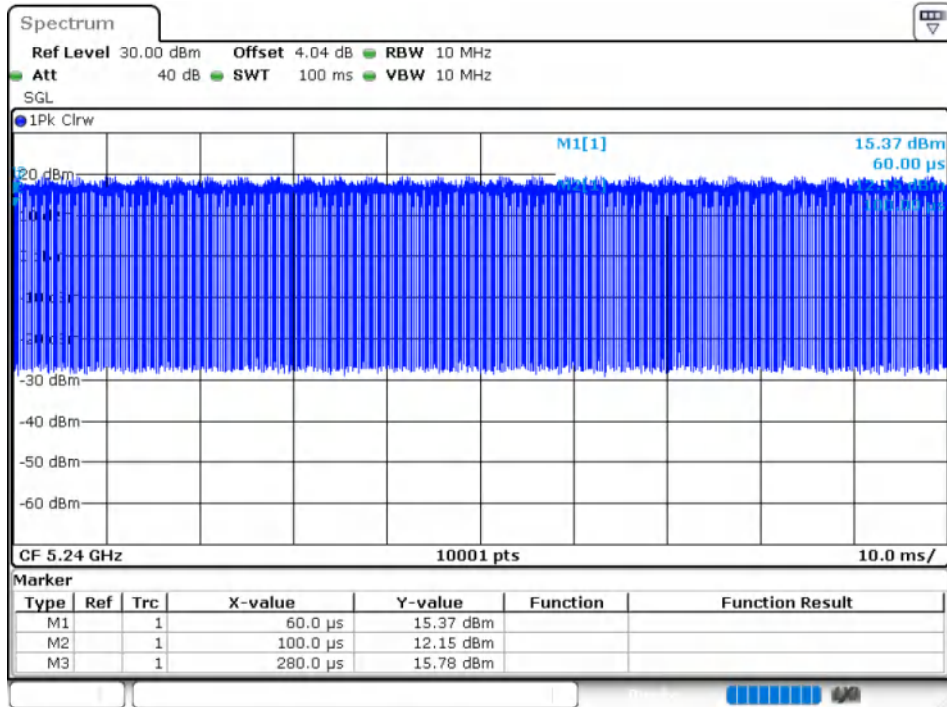
Duty Cycle NVNT a 5180MHz Ant1



Duty Cycle NVNT a 5200MHz Ant1



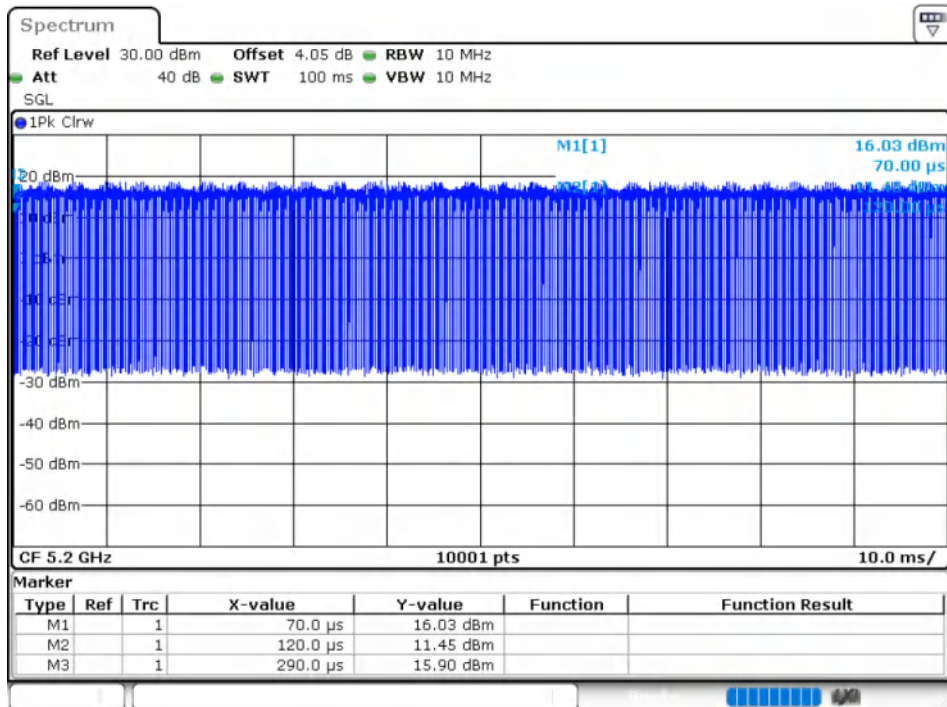
Duty Cycle NVNT a 5240MHz Ant1



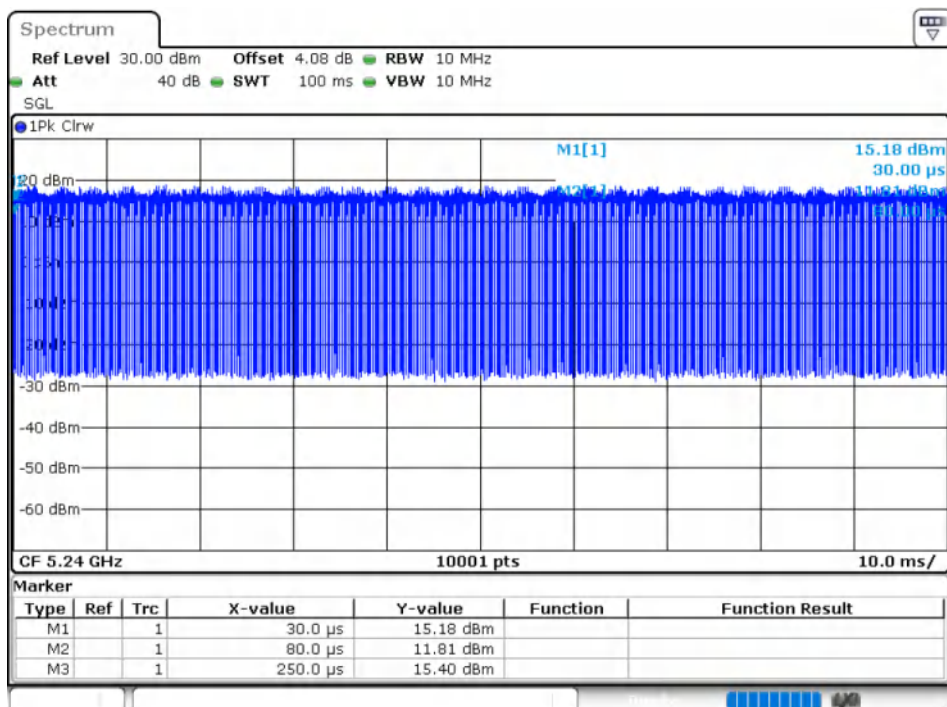
Duty Cycle NVNT a 5180MHz Ant2

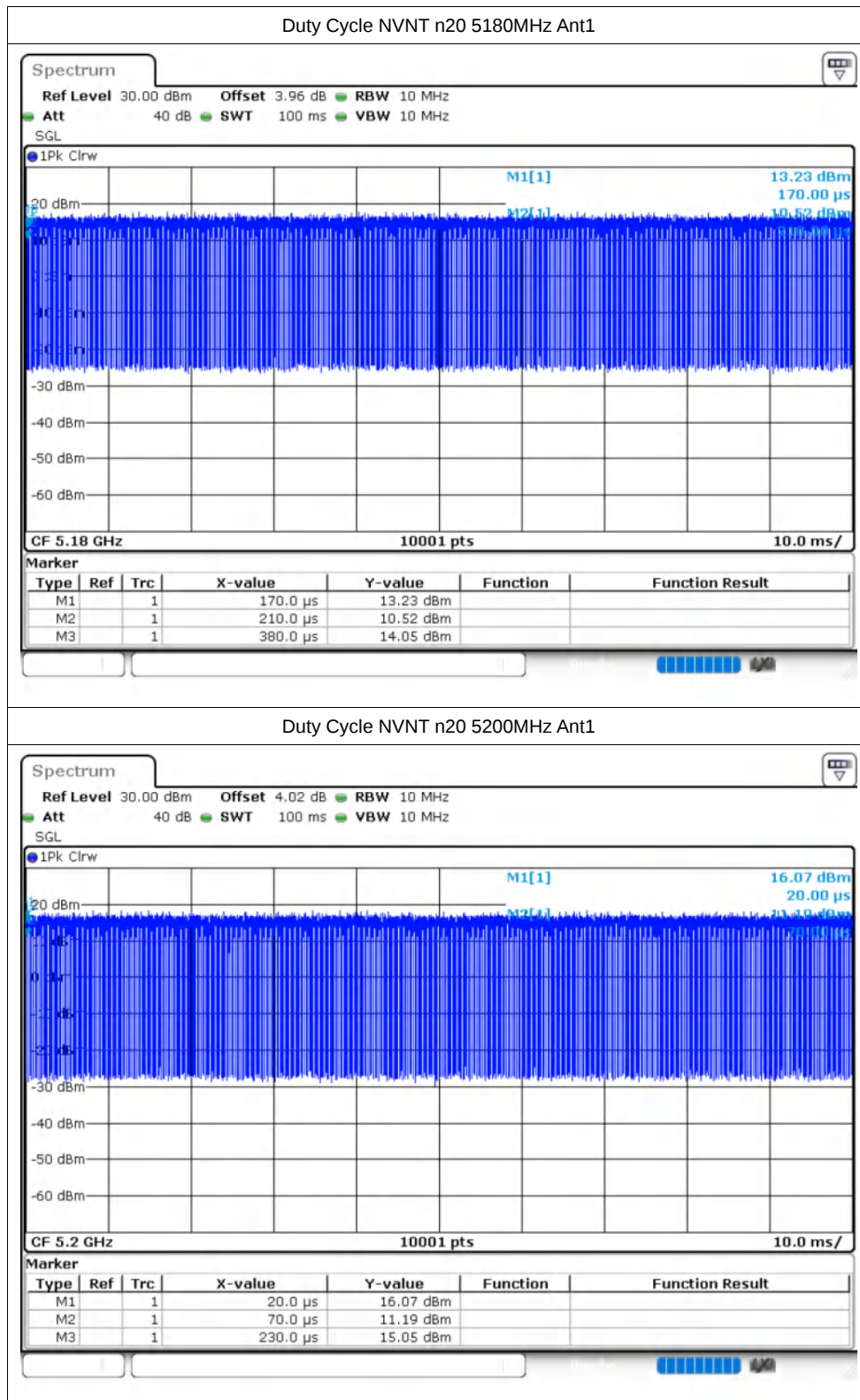


Duty Cycle NVNT a 5200MHz Ant2

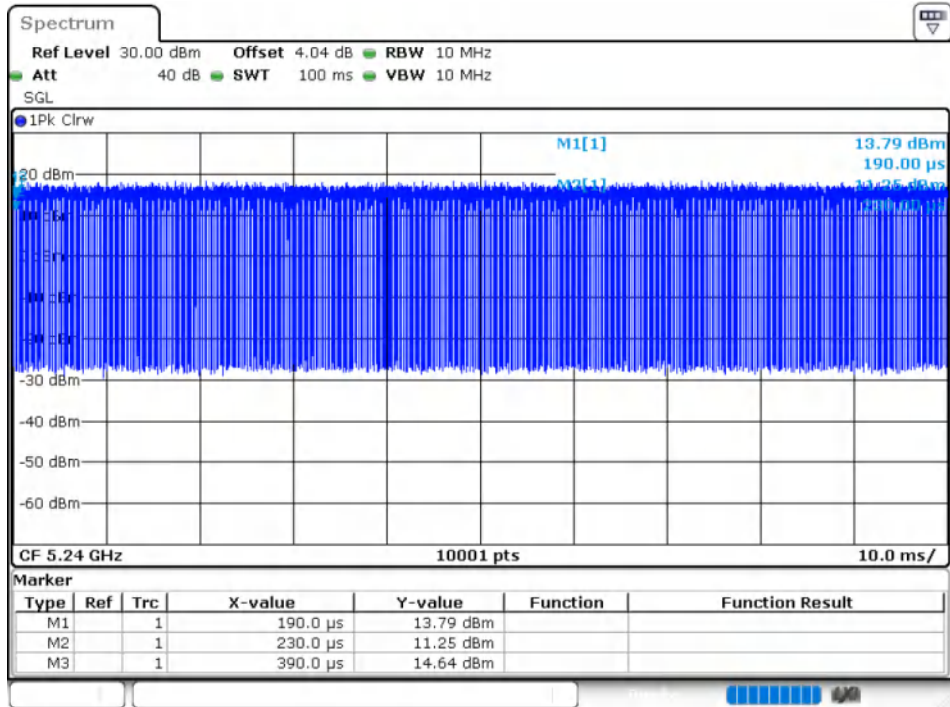


Duty Cycle NVNT a 5240MHz Ant2

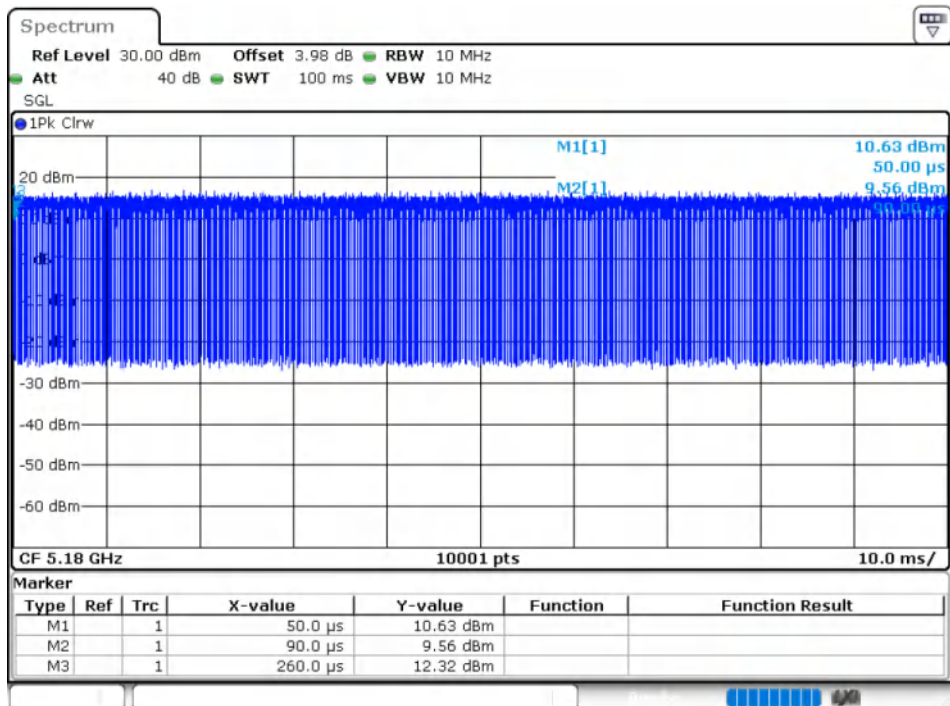




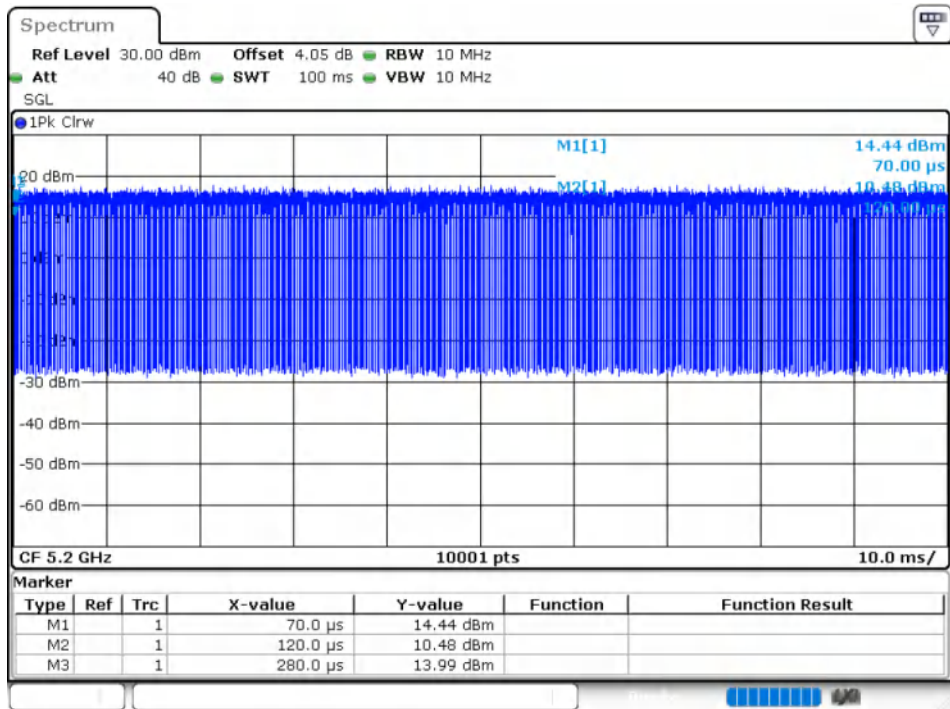
Duty Cycle NVNT n20 5240MHz Ant1



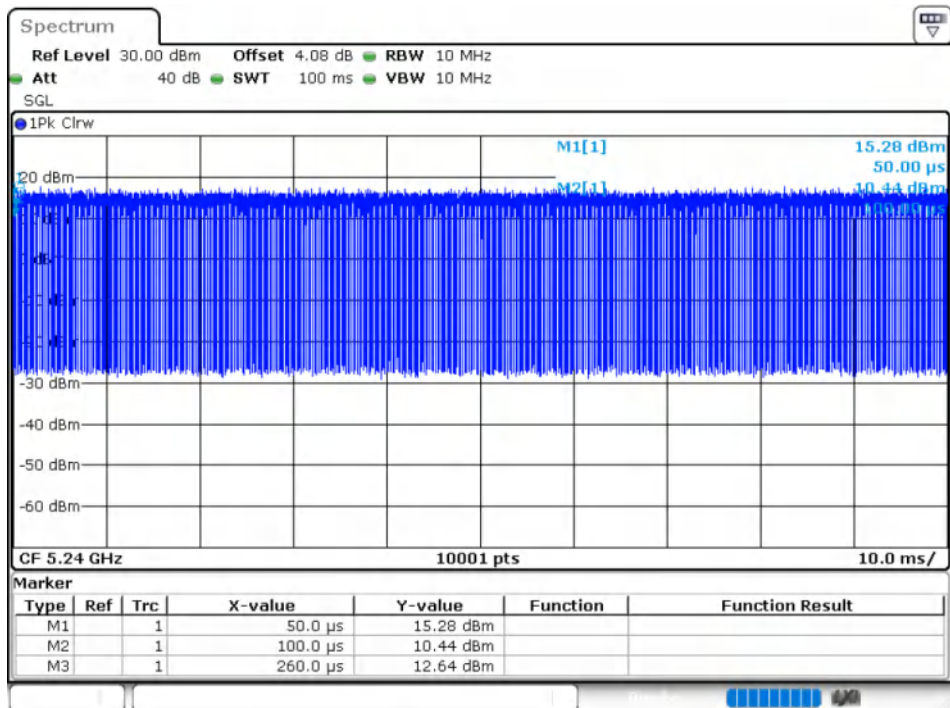
Duty Cycle NVNT n20 5180MHz Ant2

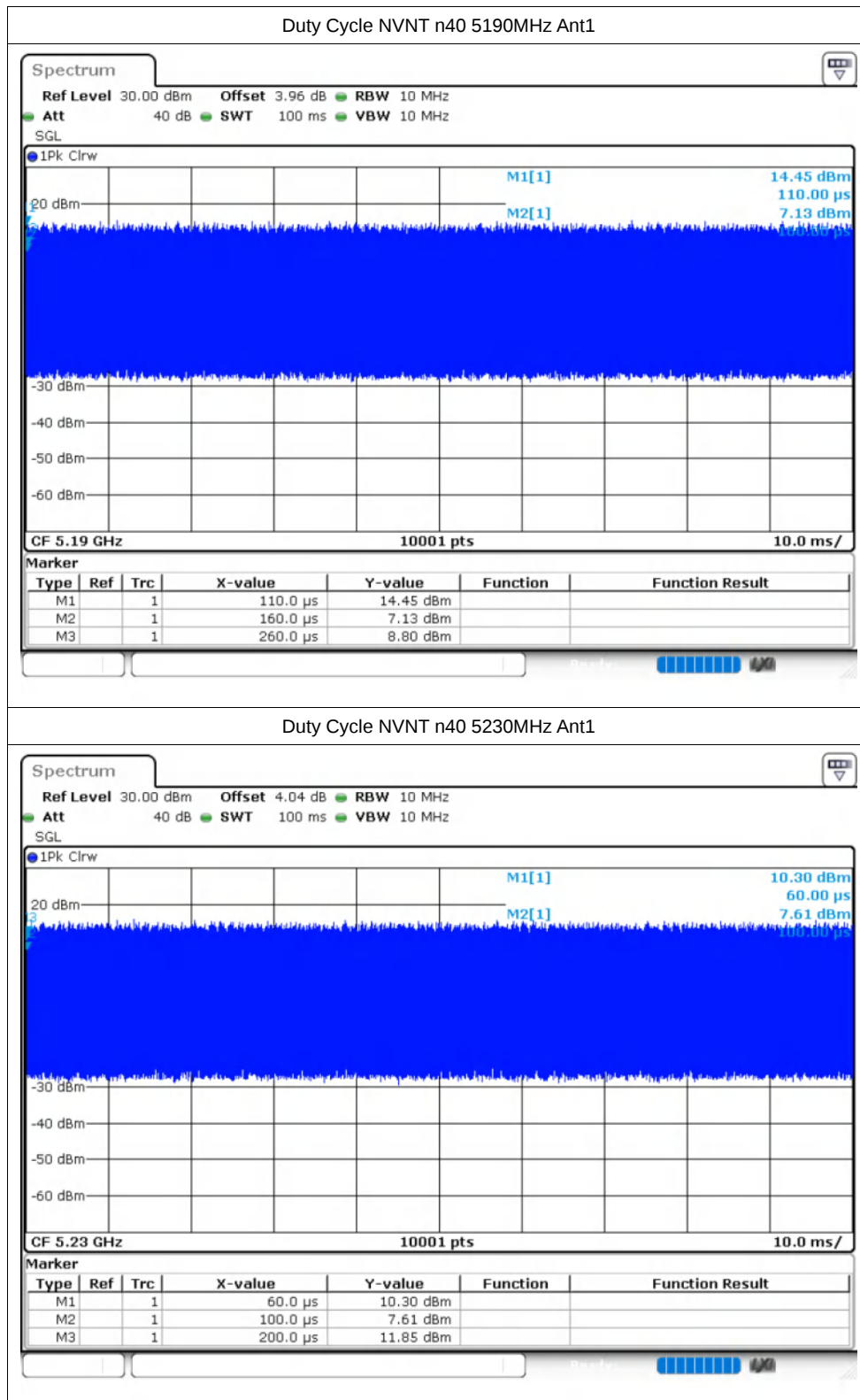


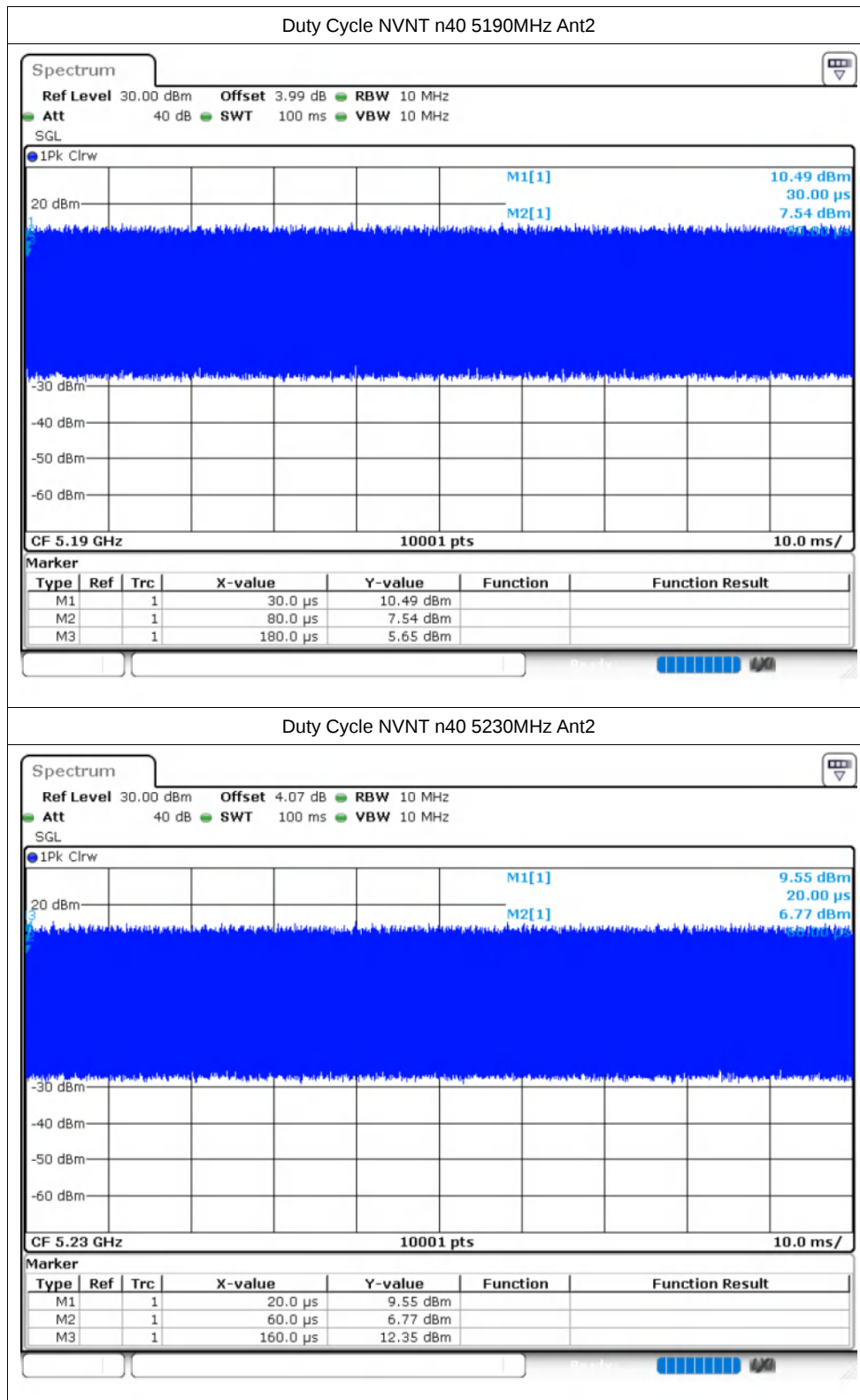
Duty Cycle NVNT n20 5200MHz Ant2



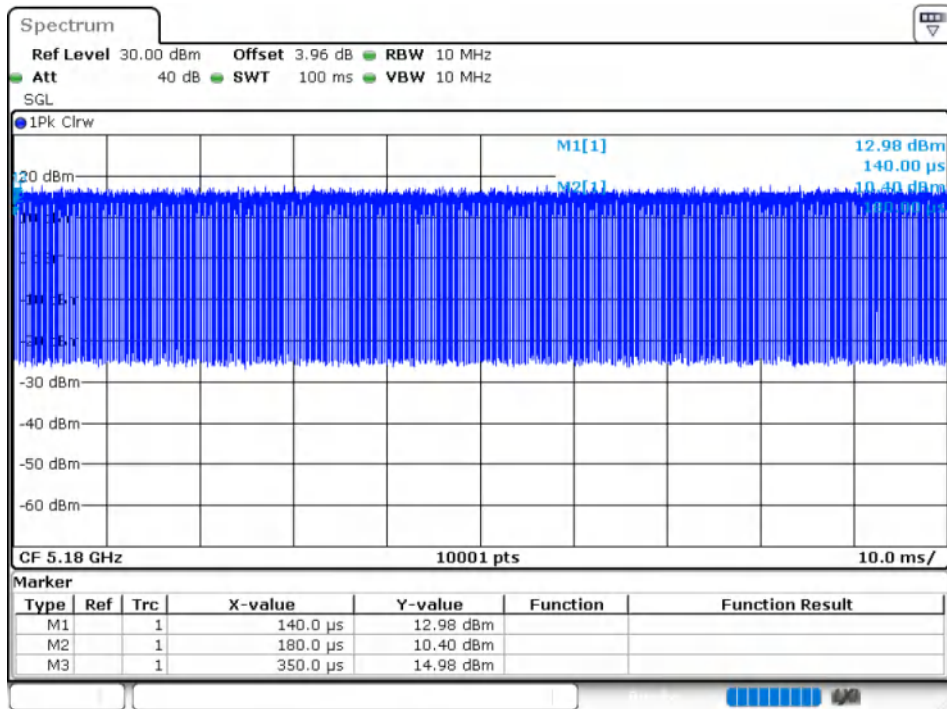
Duty Cycle NVNT n20 5240MHz Ant2



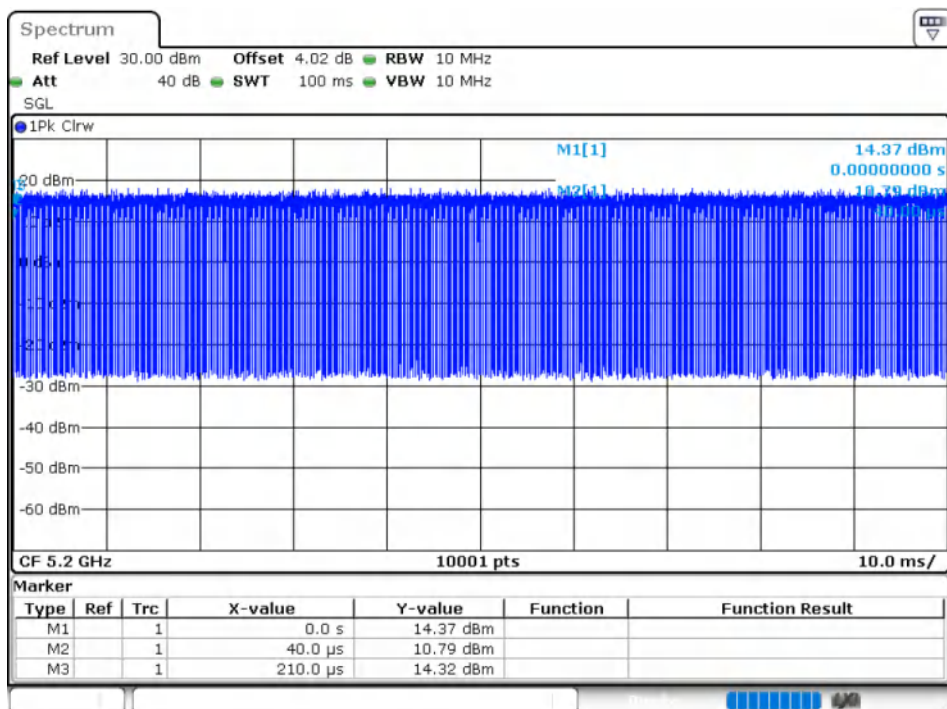




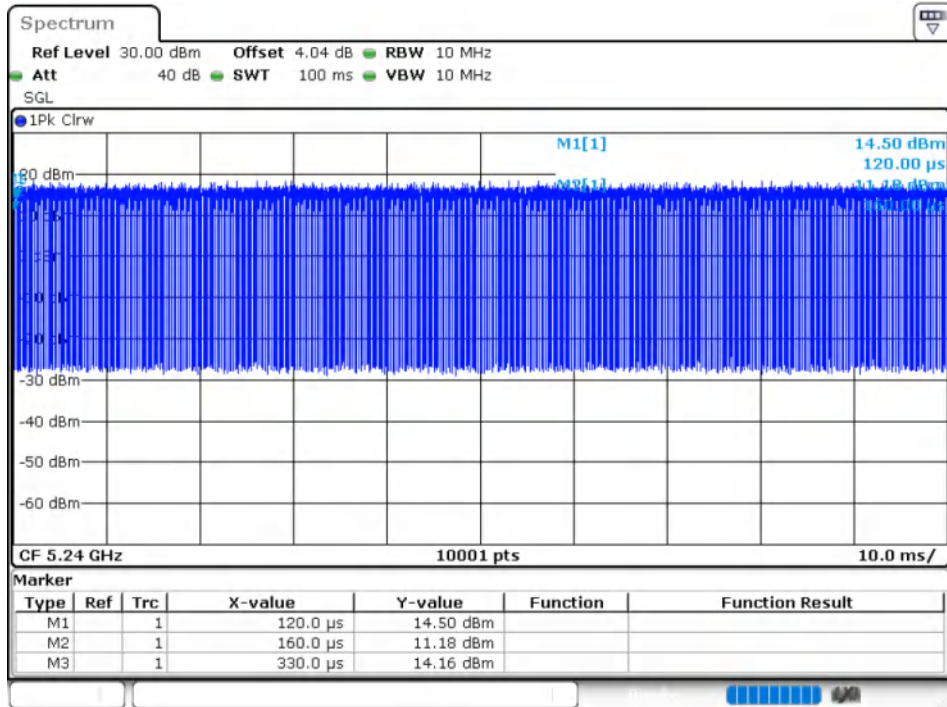
Duty Cycle NVNT ac20 5180MHz Ant1



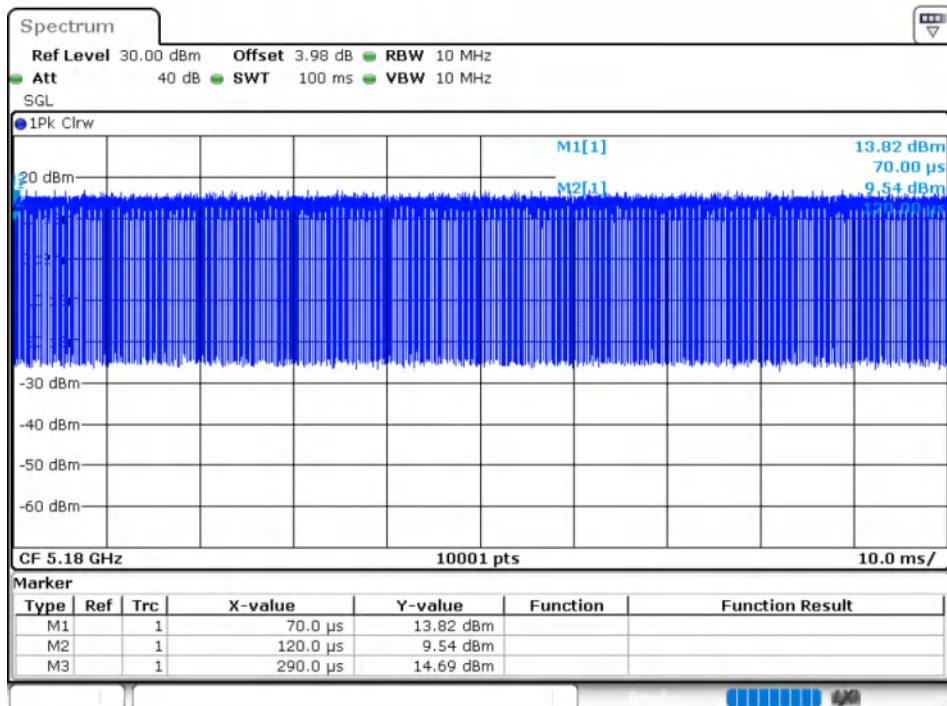
Duty Cycle NVNT ac20 5200MHz Ant1



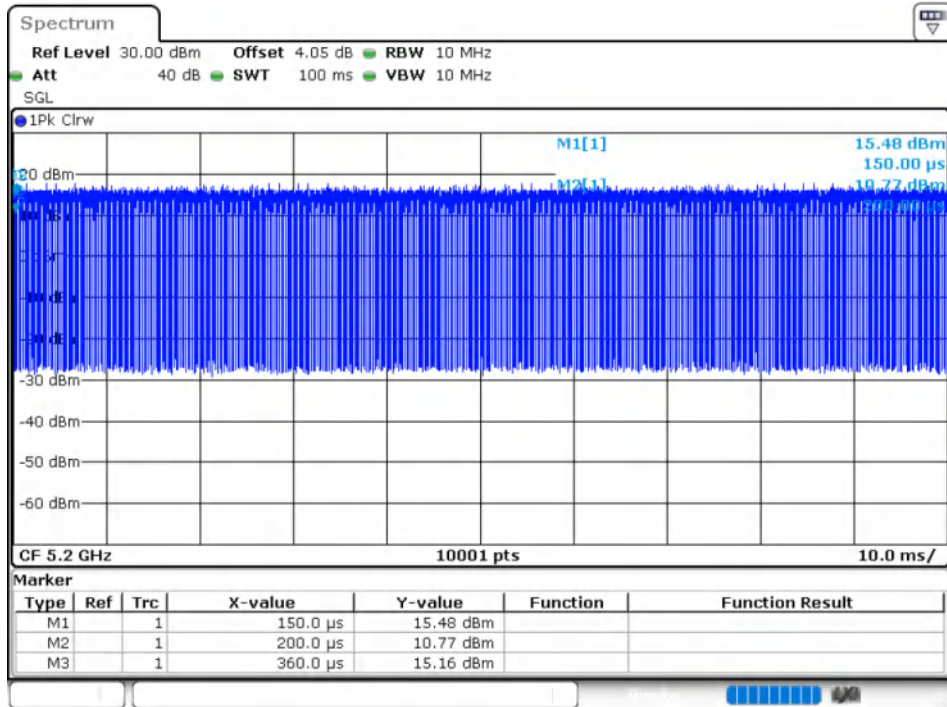
Duty Cycle NVNT ac20 5240MHz Ant1



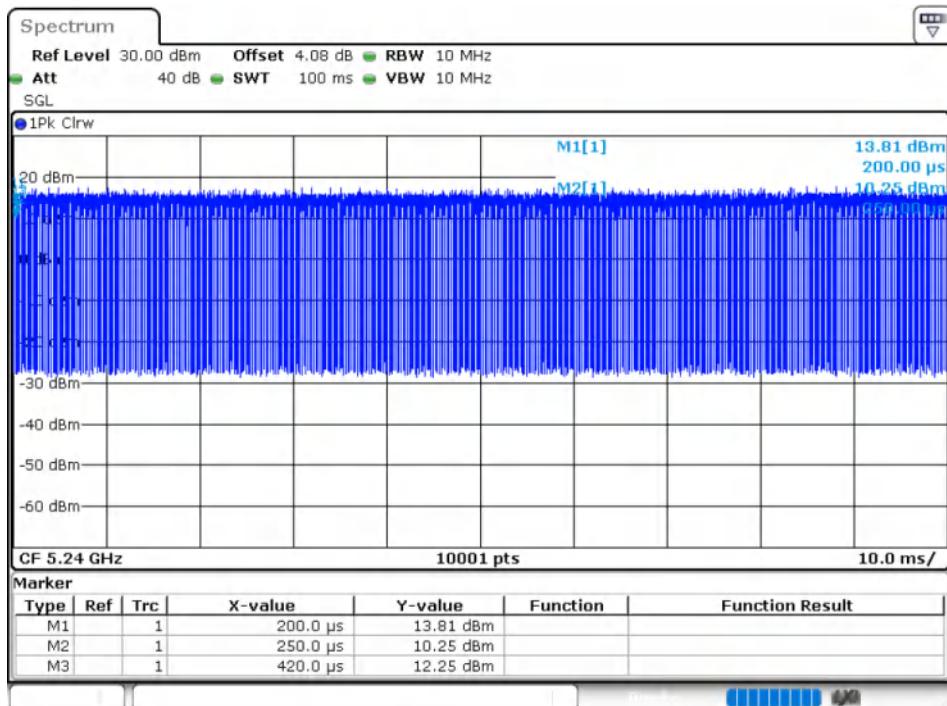
Duty Cycle NVNT ac20 5180MHz Ant2



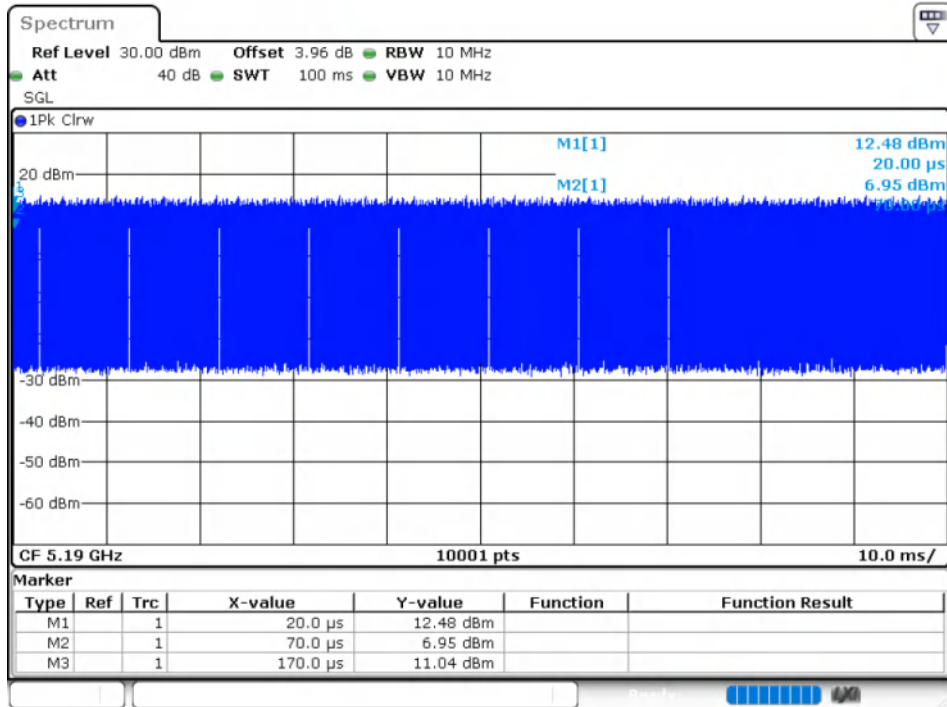
Duty Cycle NVNT ac20 5200MHz Ant2



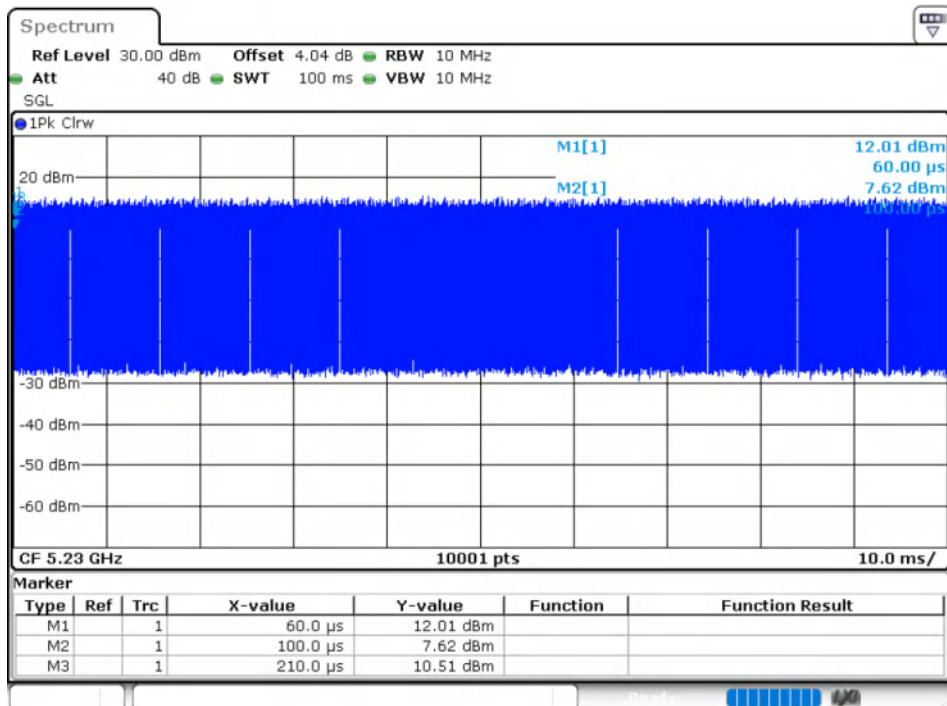
Duty Cycle NVNT ac20 5240MHz Ant2

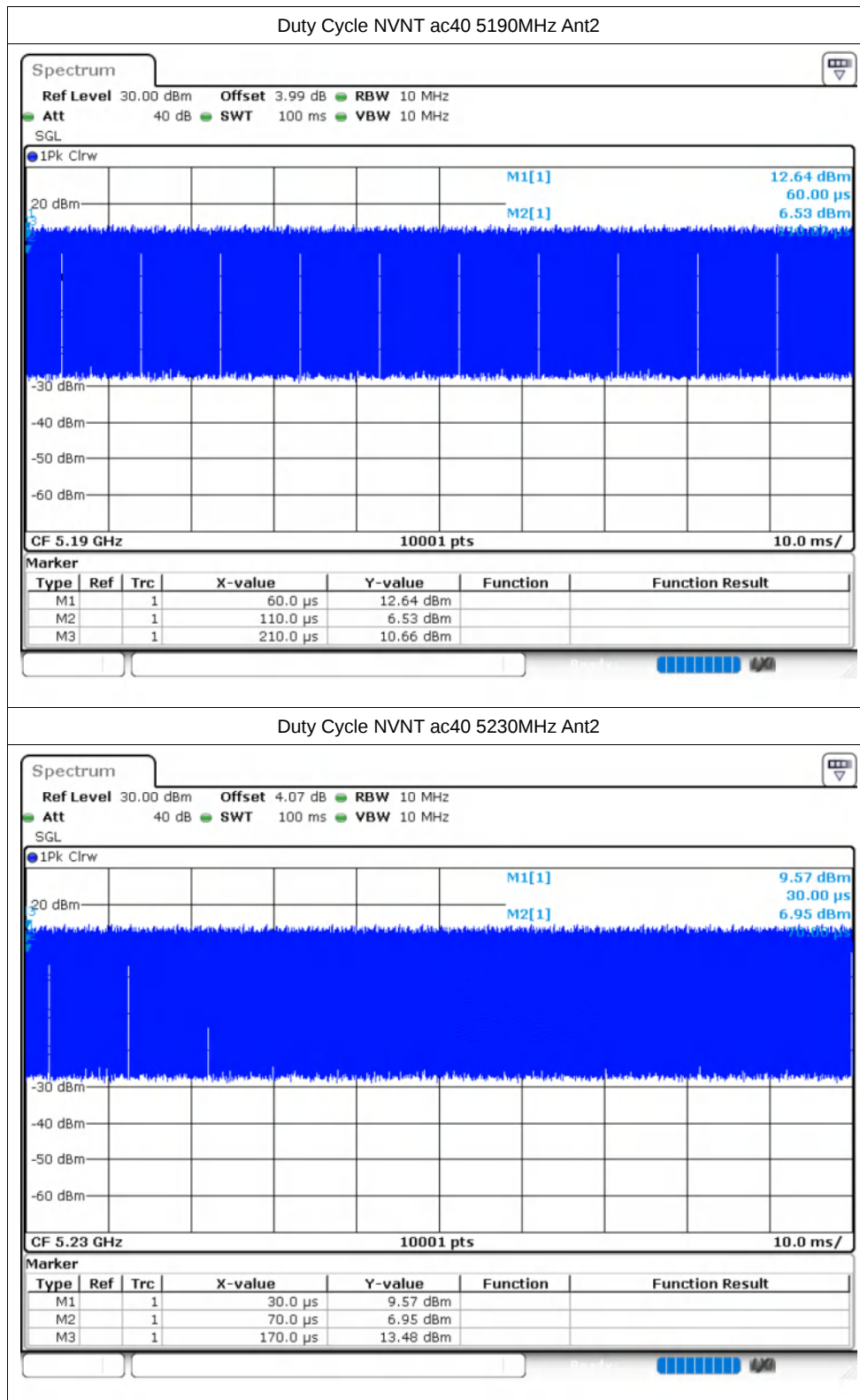


Duty Cycle NVNT ac40 5190MHz Ant1

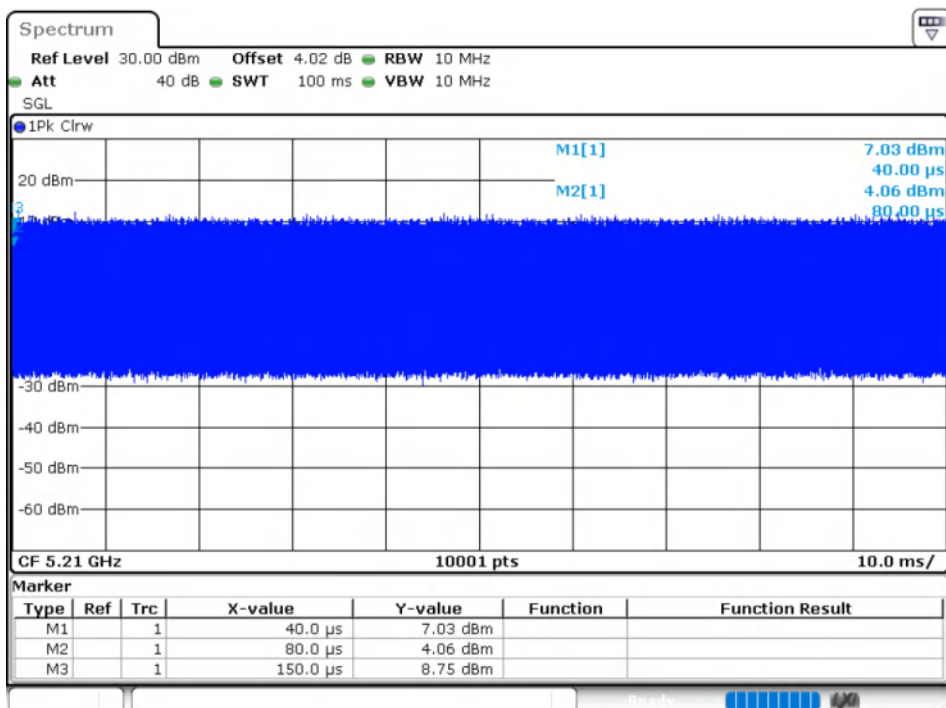


Duty Cycle NVNT ac40 5230MHz Ant1

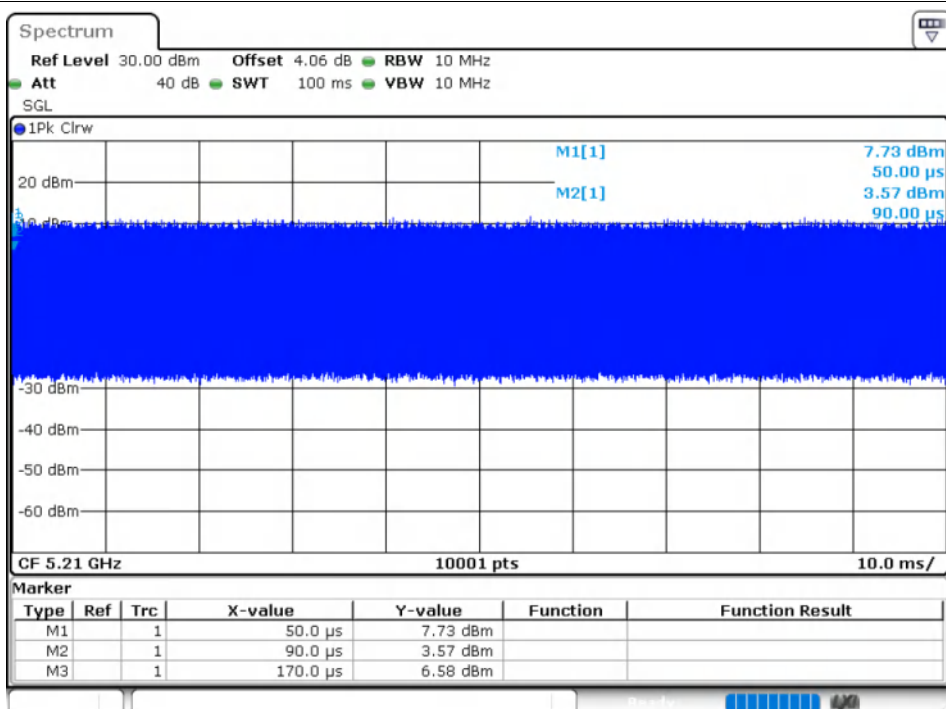




Duty Cycle NVNT ac80 5210MHz Ant1



Duty Cycle NVNT ac80 5210MHz Ant2



Maximum Conducted Output Power

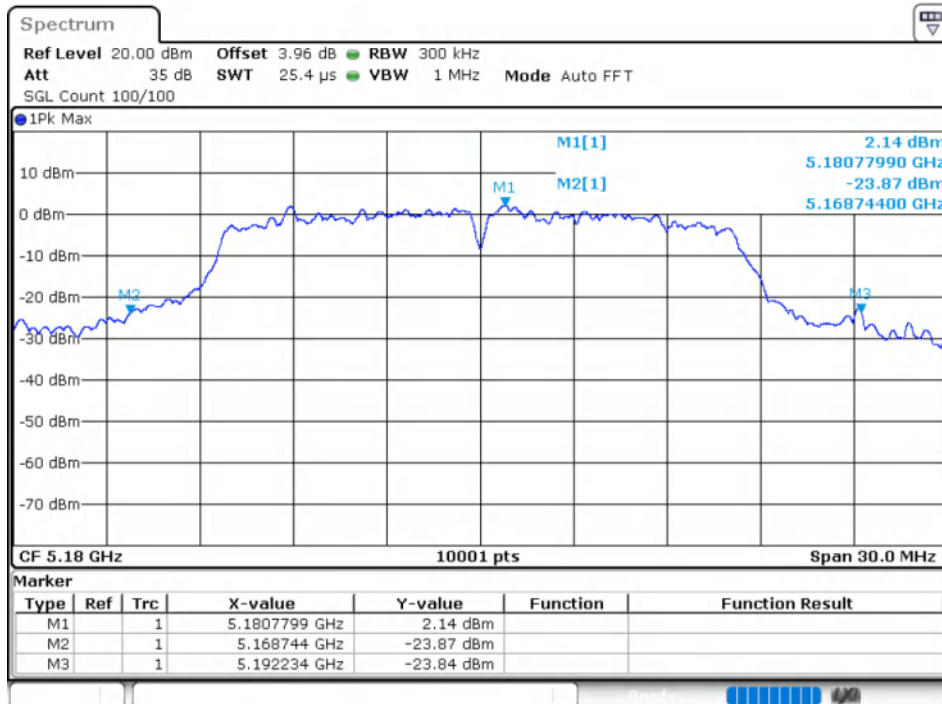
Condition	Mode	Frequency (MHz)	Antenna	AV Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.24	24	Pass
NVNT	a	5200	Ant1	10.5	24	Pass
NVNT	a	5240	Ant1	10.75	24	Pass
NVNT	a	5180	Ant2	11.04	24	Pass
NVNT	a	5200	Ant2	11.15	24	Pass
NVNT	a	5240	Ant2	11.22	24	Pass
NVNT	n20	5180	Ant1	9.81	24	Pass
NVNT	n20	5200	Ant1	9.74	24	Pass
NVNT	n20	5240	Ant1	9.74	24	Pass
NVNT	n20	5180	Ant2	9.7	24	Pass
NVNT	n20	5200	Ant2	10.08	24	Pass
NVNT	n20	5240	Ant2	10.15	24	Pass
NVNT	n40	5190	Ant1	9.65	24	Pass
NVNT	n40	5230	Ant1	9.72	24	Pass
NVNT	n40	5190	Ant2	9.87	24	Pass
NVNT	n40	5230	Ant2	10.03	24	Pass
NVNT	ac20	5180	Ant1	9.69	24	Pass
NVNT	ac20	5200	Ant1	9.78	24	Pass
NVNT	ac20	5240	Ant1	9.94	24	Pass
NVNT	ac20	5180	Ant2	9.79	24	Pass
NVNT	ac20	5200	Ant2	10.03	24	Pass
NVNT	ac20	5240	Ant2	10.09	24	Pass
NVNT	ac40	5190	Ant1	9.8	24	Pass
NVNT	ac40	5230	Ant1	9.8	24	Pass
NVNT	ac40	5190	Ant2	9.96	24	Pass
NVNT	ac40	5230	Ant2	10.06	24	Pass
NVNT	ac80	5210	Ant1	9.58	24	Pass
NVNT	ac80	5210	Ant2	10	24	Pass

-26dB Bandwidth

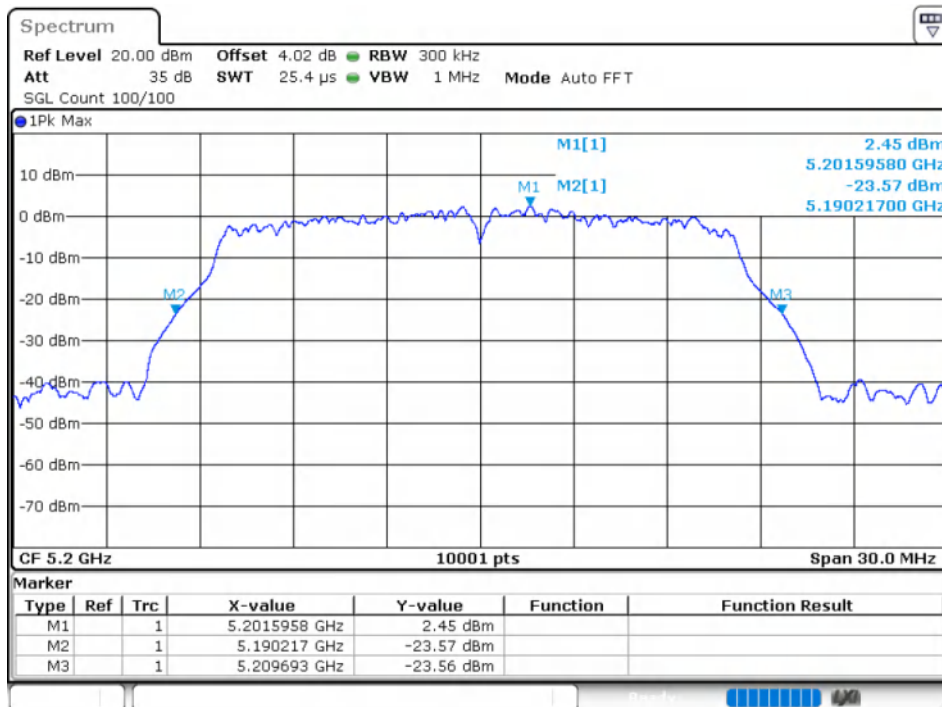
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	23.49	0.5	Pass
NVNT	a	5200	Ant1	19.476	0.5	Pass
NVNT	a	5240	Ant1	19.515	0.5	Pass
NVNT	a	5180	Ant2	20.202	0.5	Pass
NVNT	a	5200	Ant2	19.587	0.5	Pass
NVNT	a	5240	Ant2	19.911	0.5	Pass
NVNT	n20	5180	Ant1	20.097	0.5	Pass
NVNT	n20	5200	Ant1	19.893	0.5	Pass
NVNT	n20	5240	Ant1	19.815	0.5	Pass
NVNT	n20	5180	Ant2	19.86	0.5	Pass
NVNT	n20	5200	Ant2	19.776	0.5	Pass
NVNT	n20	5240	Ant2	19.716	0.5	Pass
NVNT	n40	5190	Ant1	40.17	0.5	Pass
NVNT	n40	5230	Ant1	40.422	0.5	Pass
NVNT	n40	5190	Ant2	40.494	0.5	Pass
NVNT	n40	5230	Ant2	40.422	0.5	Pass
NVNT	ac20	5180	Ant1	19.935	0.5	Pass
NVNT	ac20	5200	Ant1	19.575	0.5	Pass
NVNT	ac20	5240	Ant1	20.142	0.5	Pass
NVNT	ac20	5180	Ant2	19.929	0.5	Pass
NVNT	ac20	5200	Ant2	19.8	0.5	Pass
NVNT	ac20	5240	Ant2	19.656	0.5	Pass
NVNT	ac40	5190	Ant1	39.996	0.5	Pass
NVNT	ac40	5230	Ant1	40.398	0.5	Pass
NVNT	ac40	5190	Ant2	40.254	0.5	Pass
NVNT	ac40	5230	Ant2	40.302	0.5	Pass
NVNT	ac80	5210	Ant1	81.336	0.5	Pass
NVNT	ac80	5210	Ant2	80.508	0.5	Pass

Test Graphs

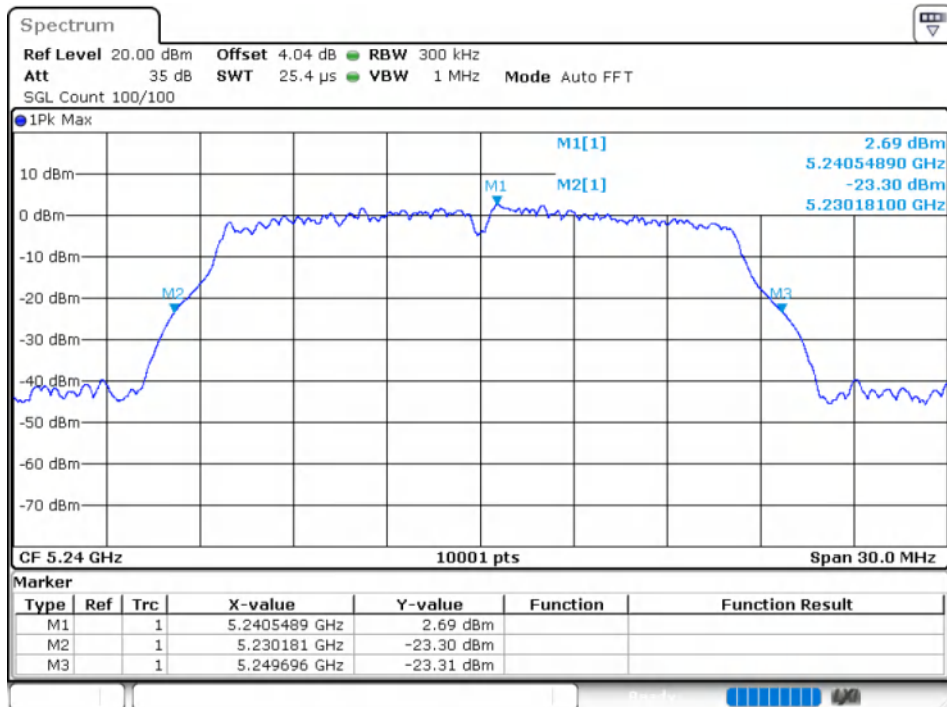
-26dB Bandwidth NVNT a 5180MHz Ant1



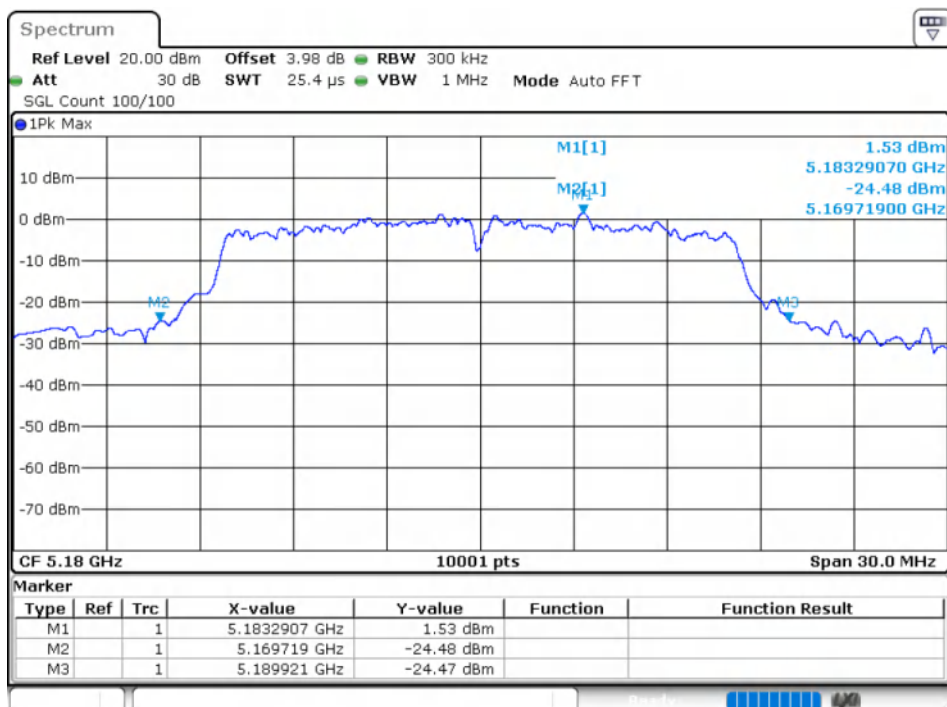
-26dB Bandwidth NVNT a 5200MHz Ant1



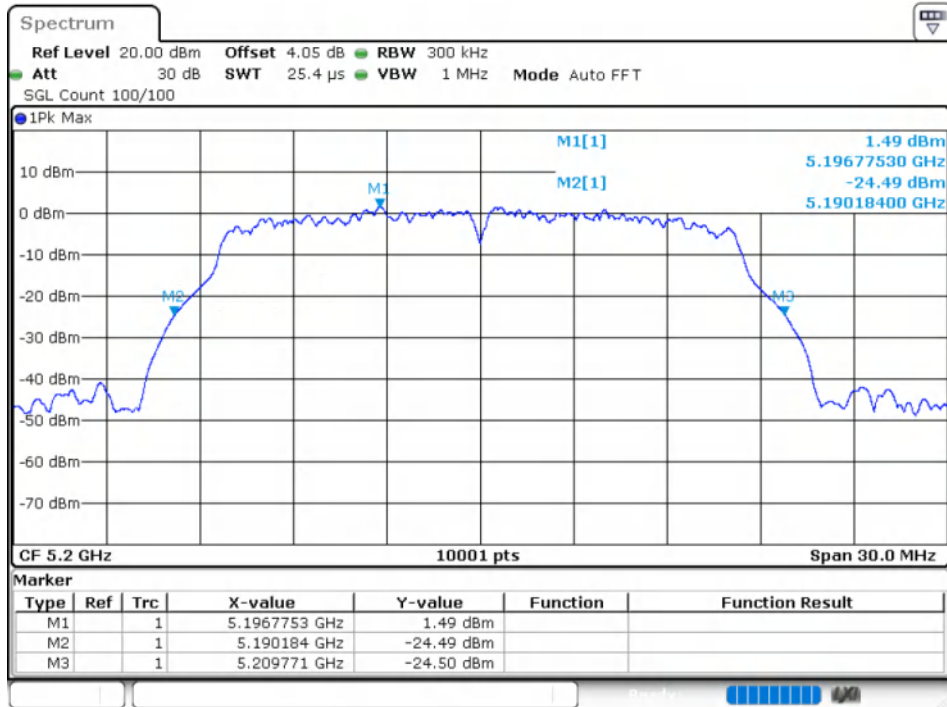
-26dB Bandwidth NVNT a 5240MHz Ant1



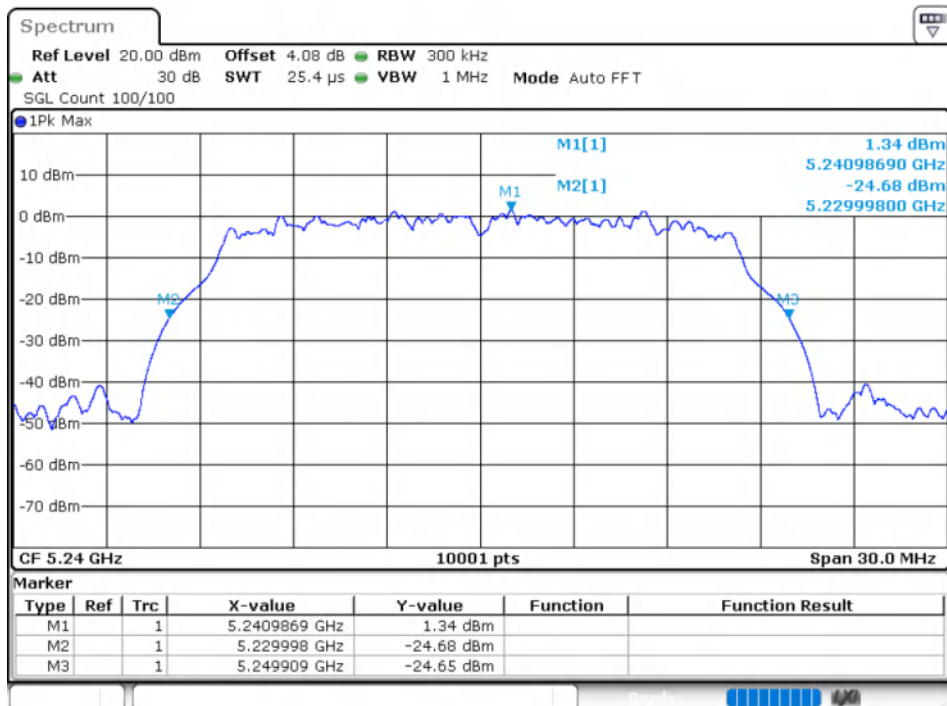
-26dB Bandwidth NVNT a 5180MHz Ant2



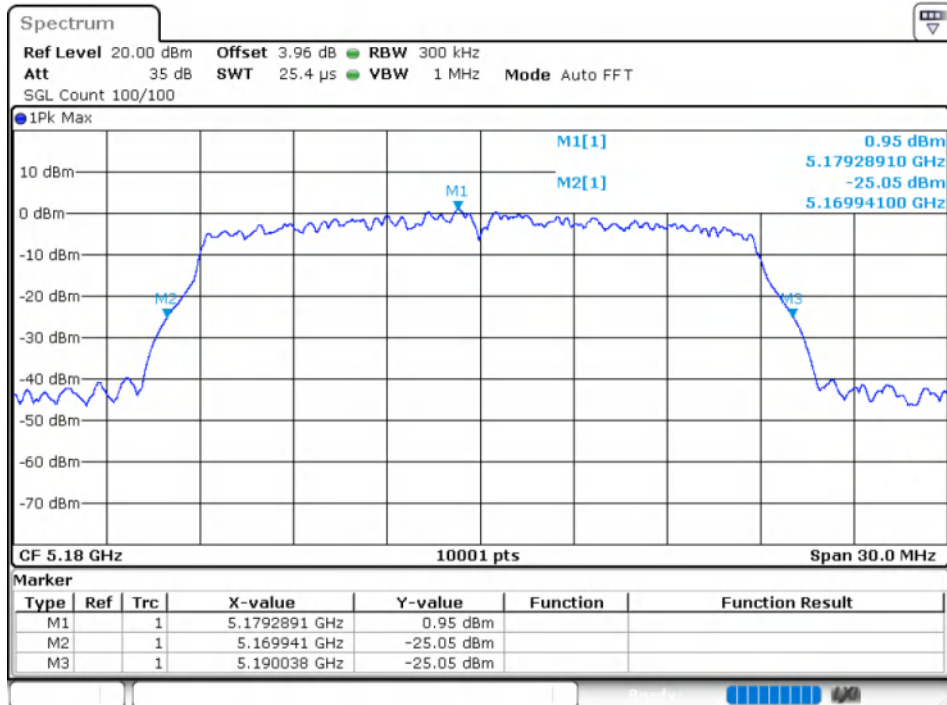
-26dB Bandwidth NVNT a 5200MHz Ant2



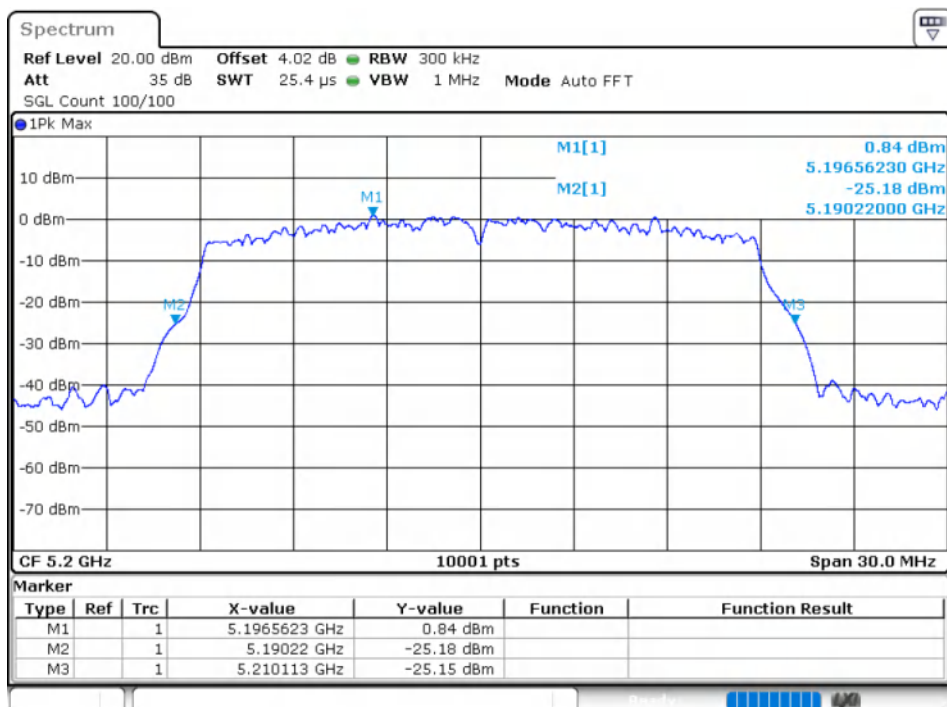
-26dB Bandwidth NVNT a 5240MHz Ant2



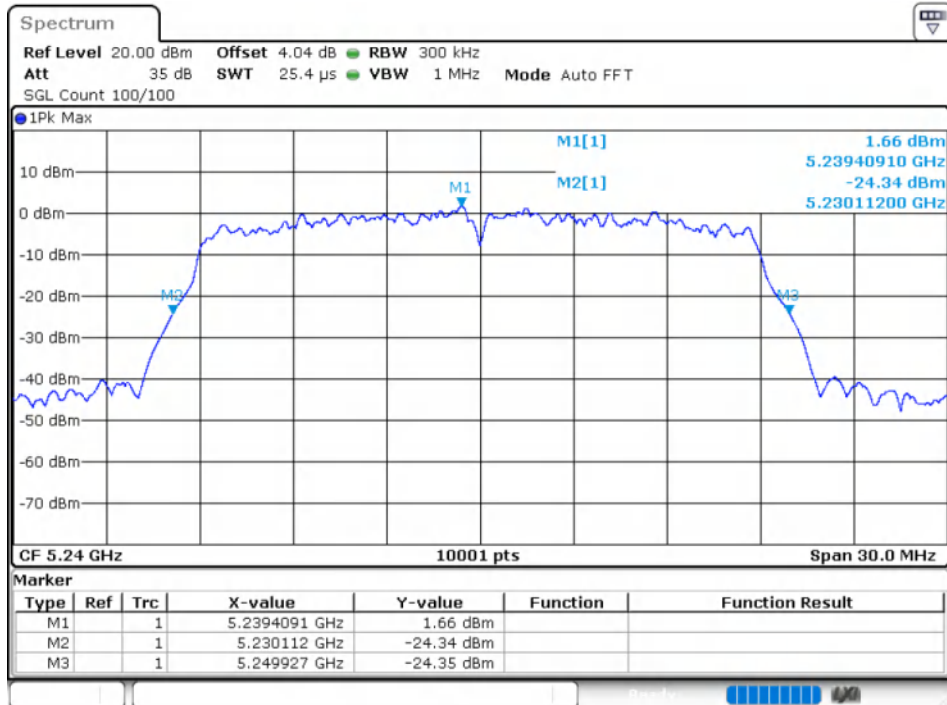
-26dB Bandwidth NVNT n20 5180MHz Ant1



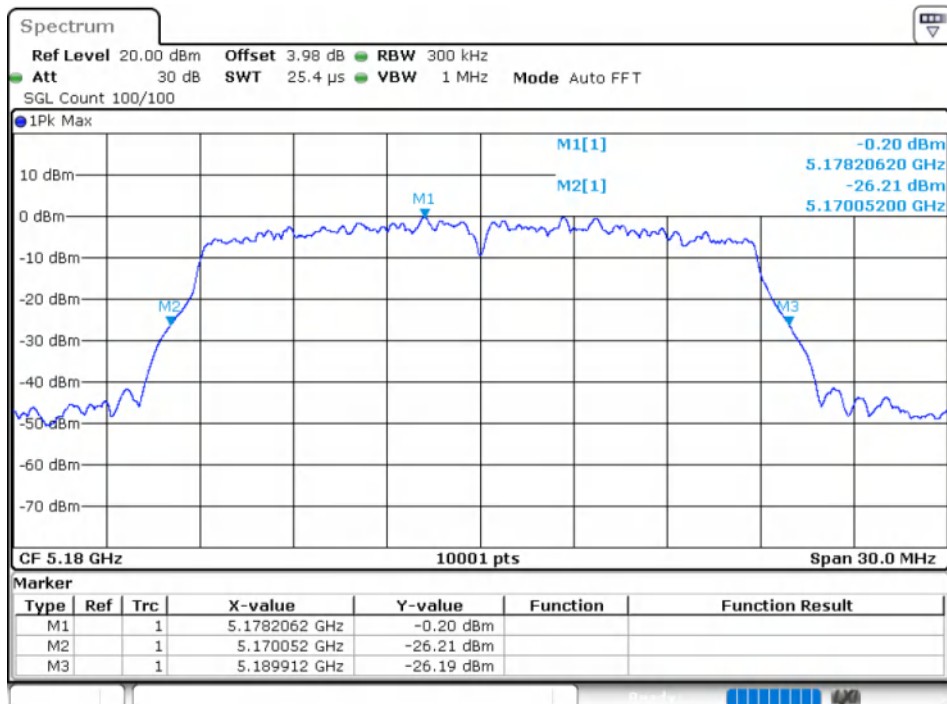
-26dB Bandwidth NVNT n20 5200MHz Ant1



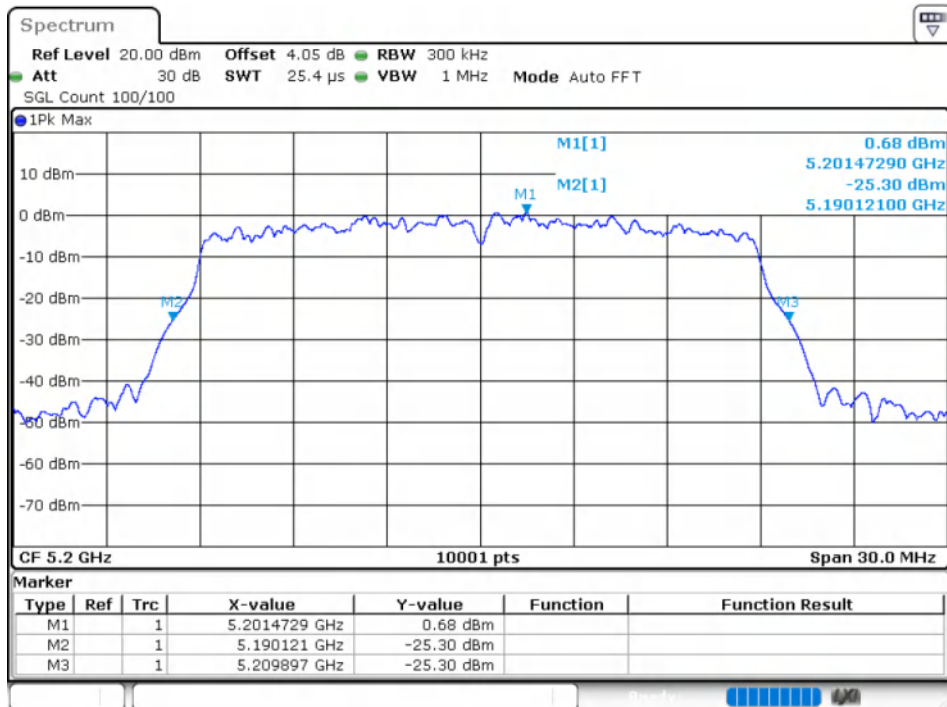
-26dB Bandwidth NVNT n20 5240MHz Ant1



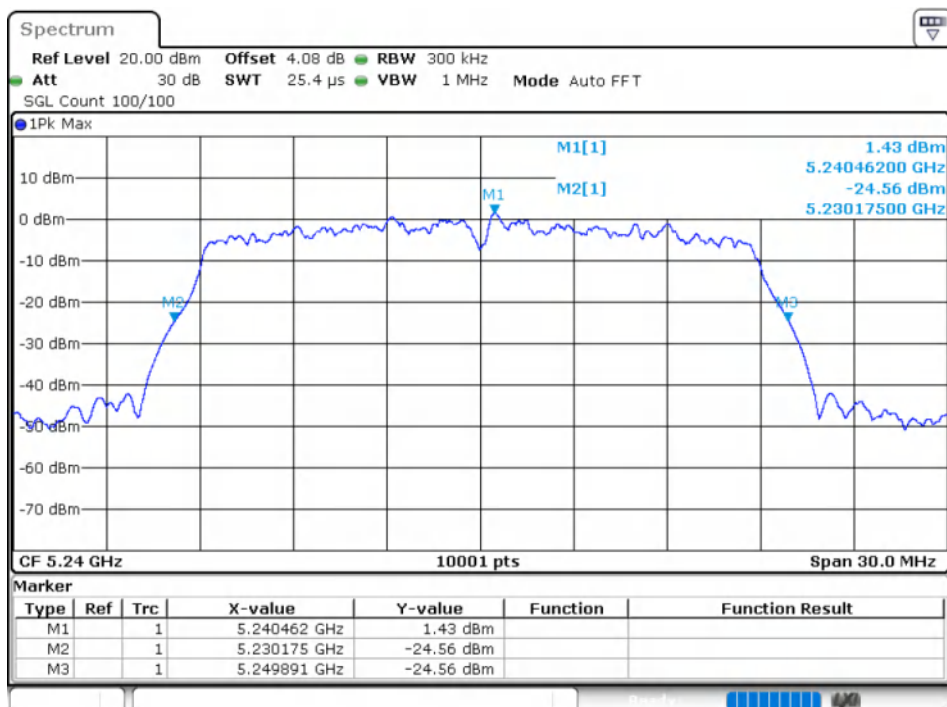
-26dB Bandwidth NVNT n20 5180MHz Ant2



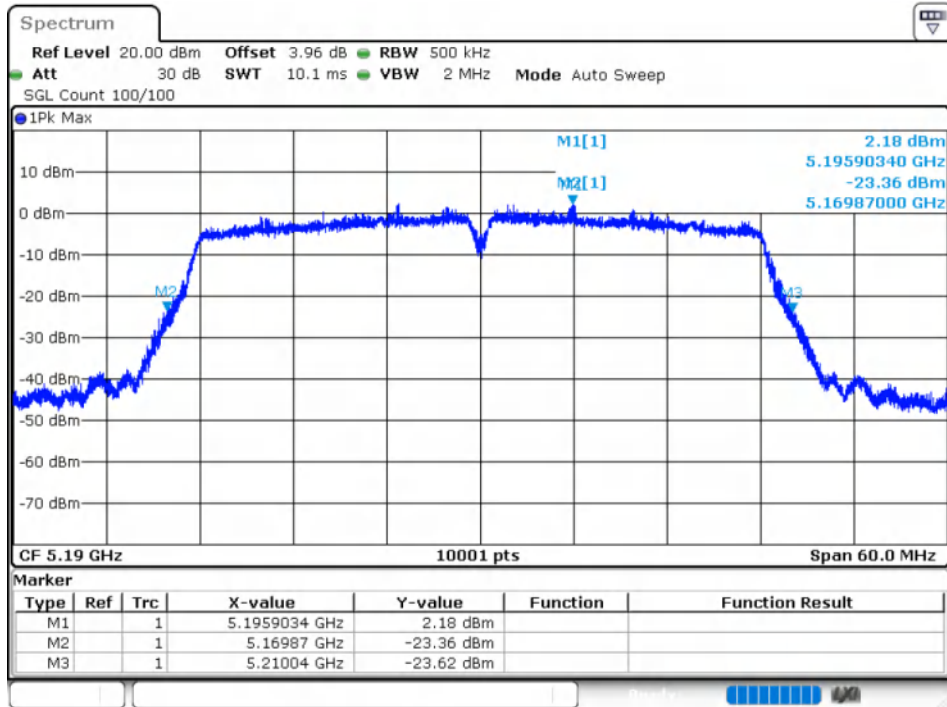
-26dB Bandwidth NVNT n20 5200MHz Ant2



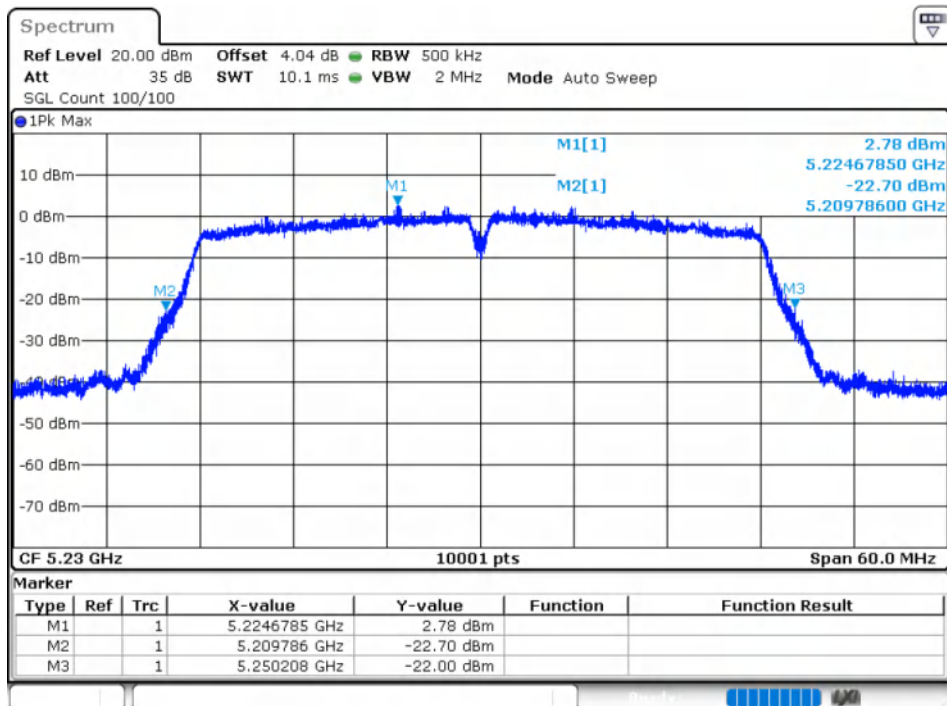
-26dB Bandwidth NVNT n20 5240MHz Ant2



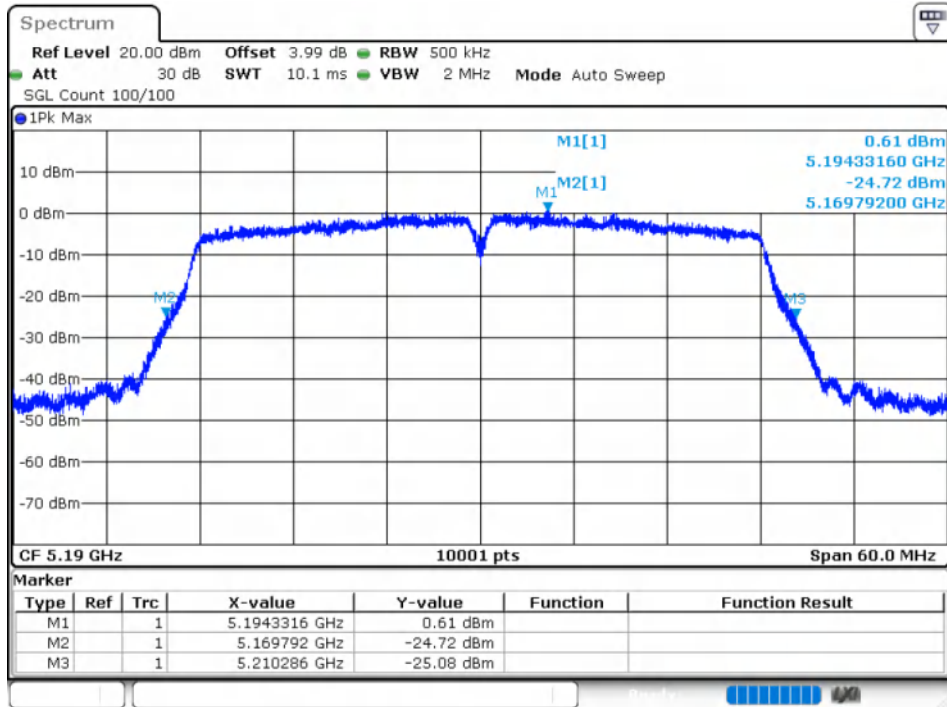
-26dB Bandwidth NVNT n40 5190MHz Ant1



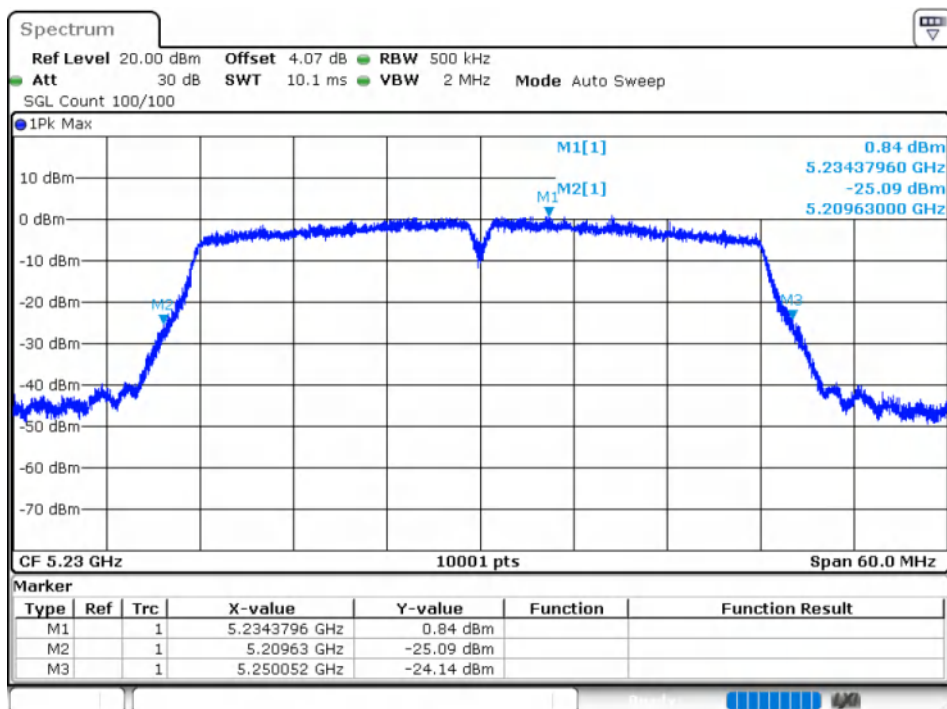
-26dB Bandwidth NVNT n40 5230MHz Ant1



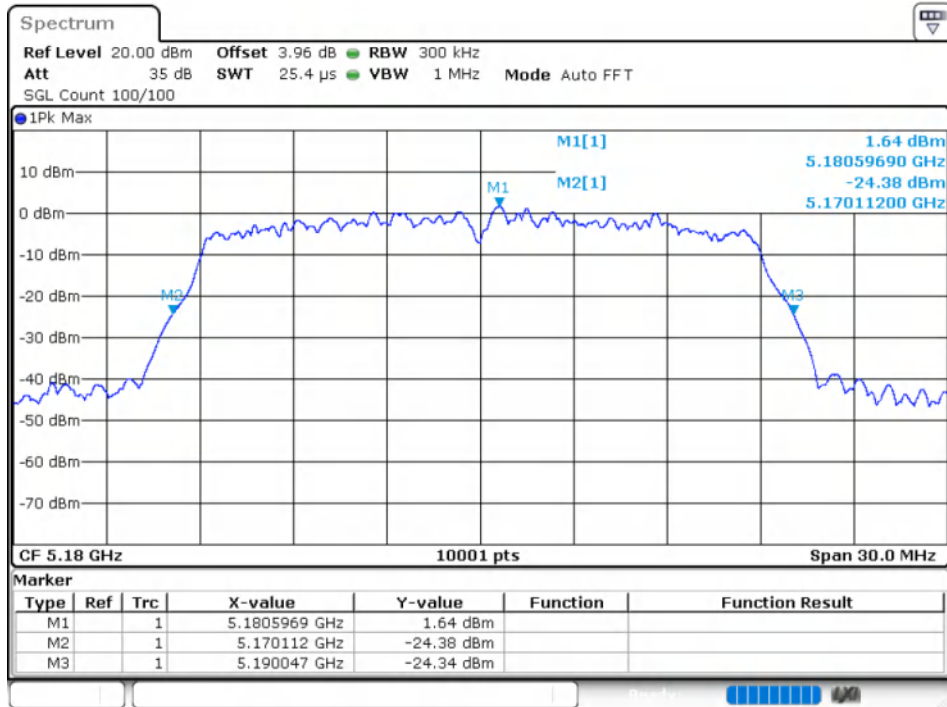
-26dB Bandwidth NVNT n40 5190MHz Ant2



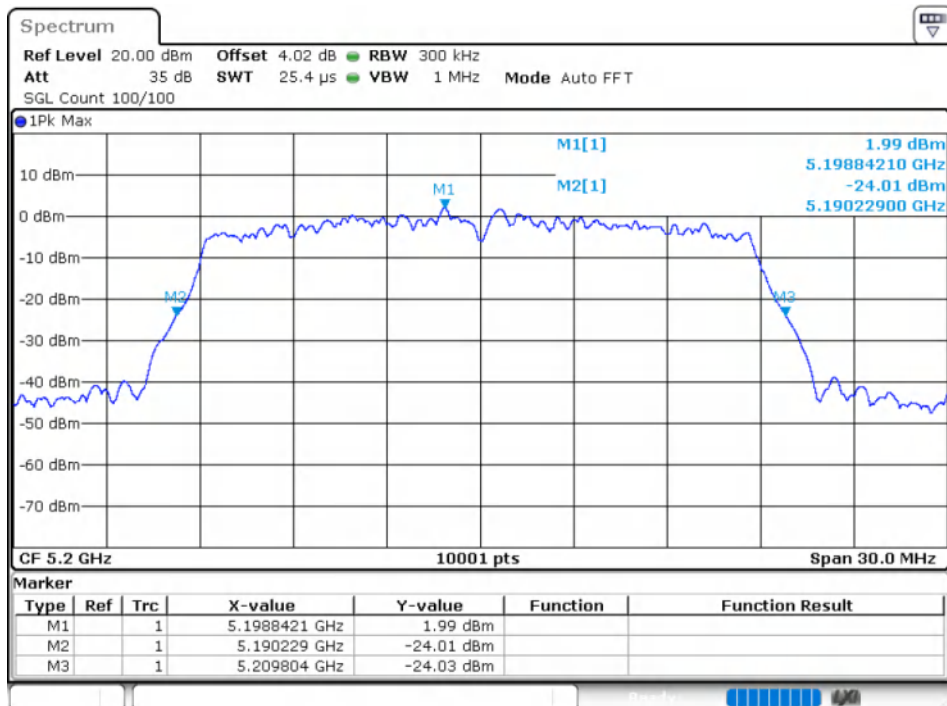
-26dB Bandwidth NVNT n40 5230MHz Ant2



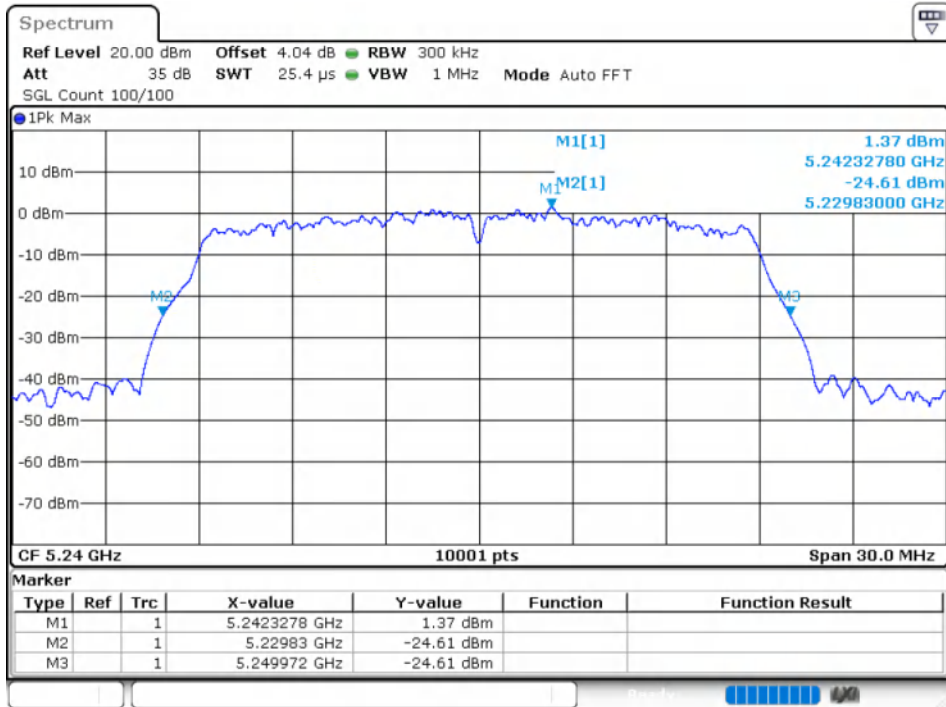
-26dB Bandwidth NVNT ac20 5180MHz Ant1



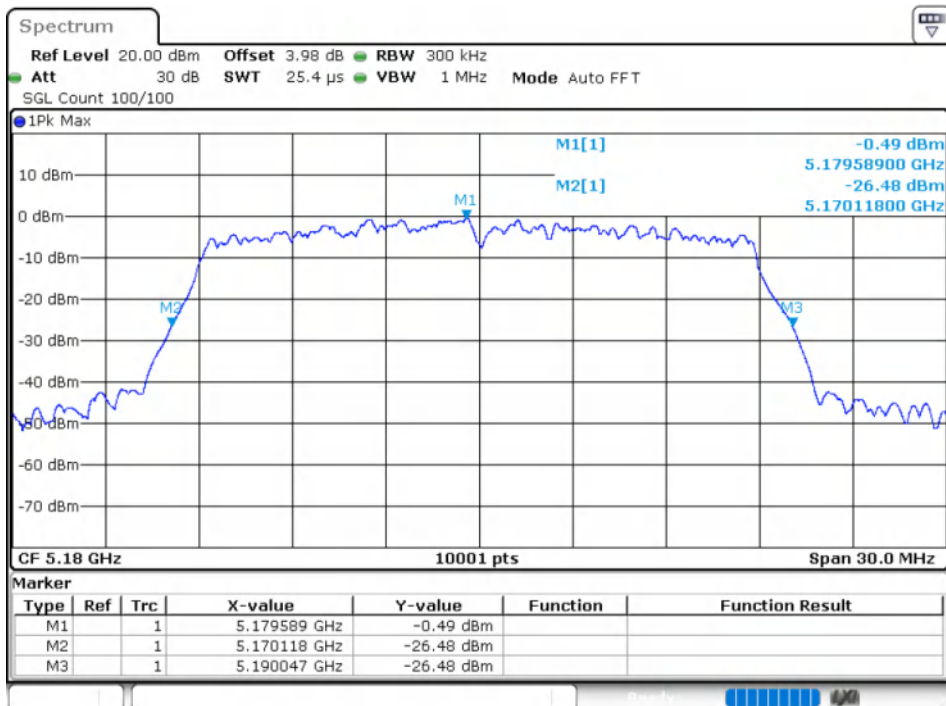
-26dB Bandwidth NVNT ac20 5200MHz Ant1



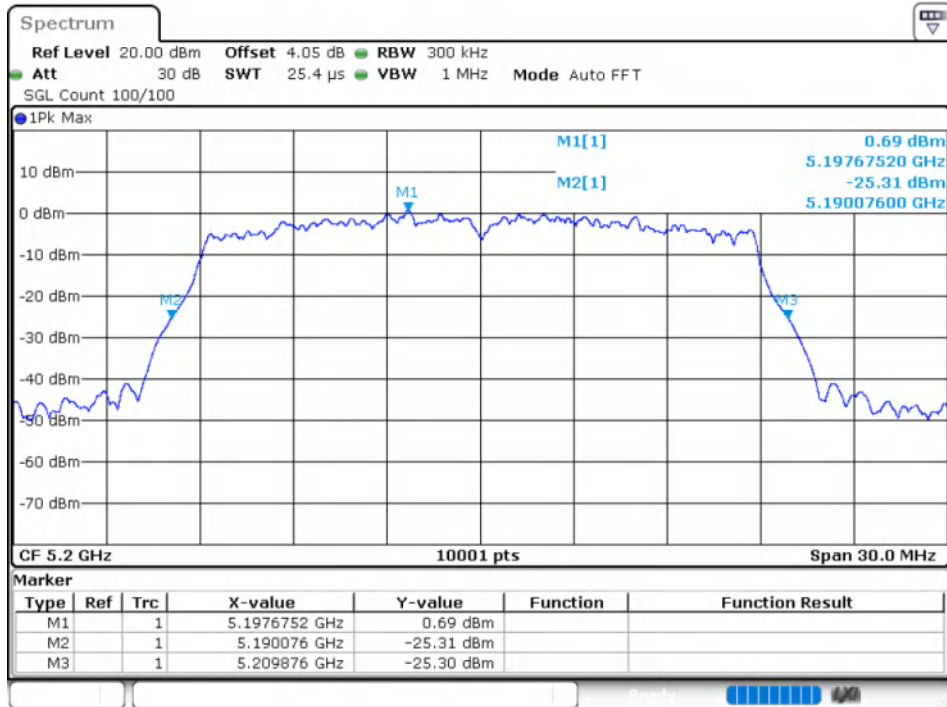
-26dB Bandwidth NVNT ac20 5240MHz Ant1



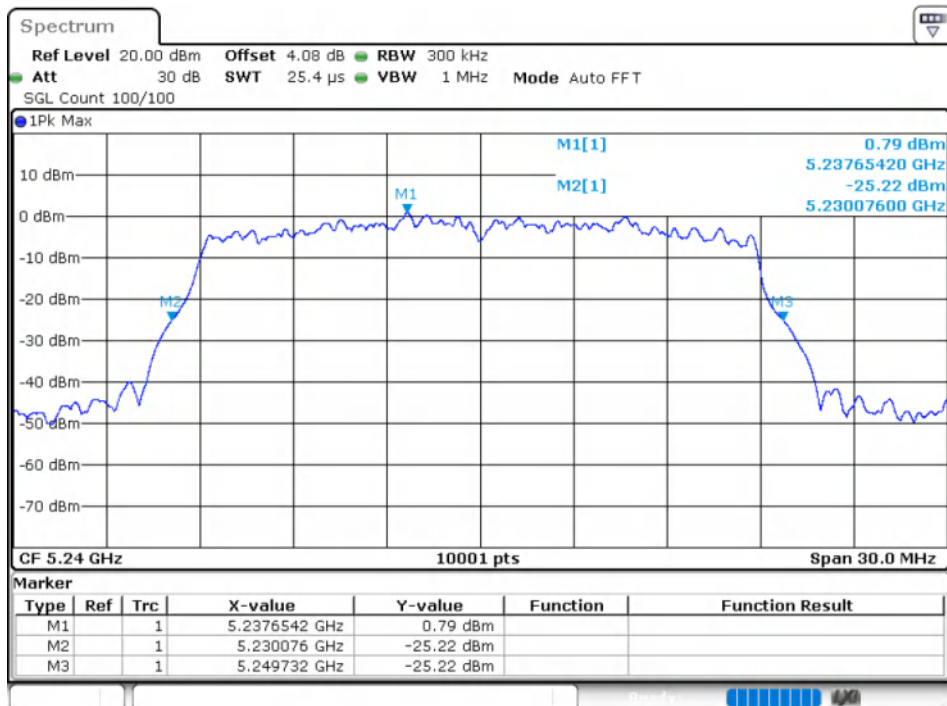
-26dB Bandwidth NVNT ac20 5180MHz Ant2



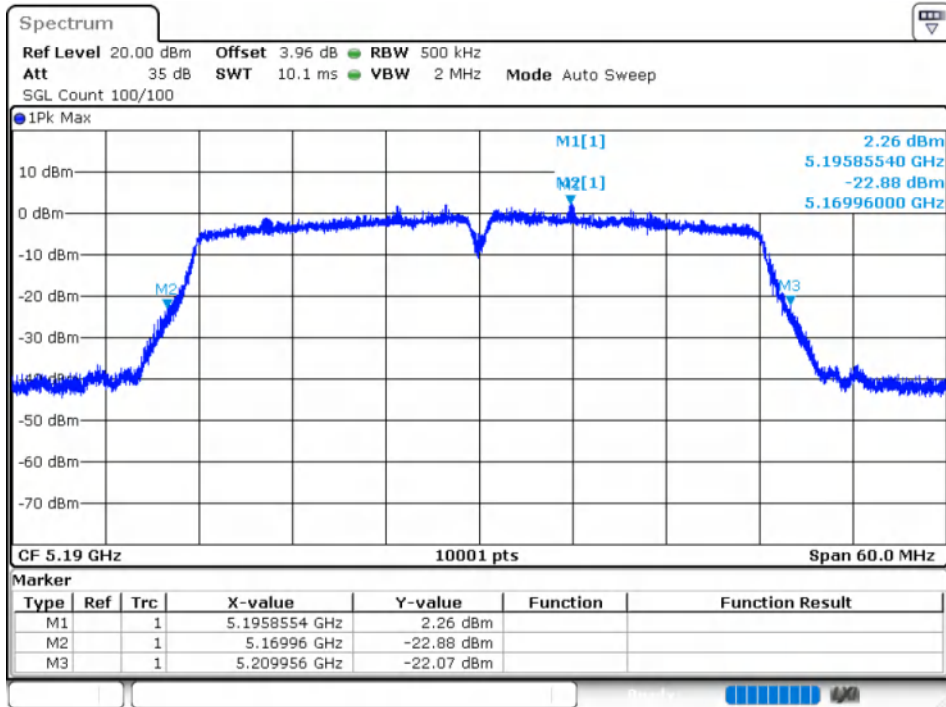
-26dB Bandwidth NVNT ac20 5200MHz Ant2



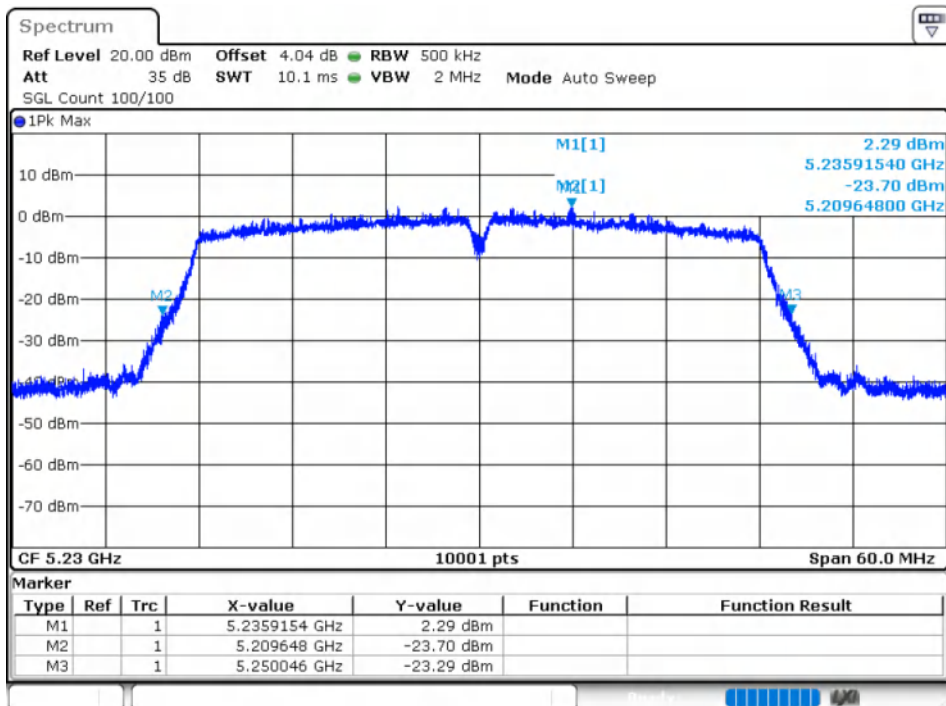
-26dB Bandwidth NVNT ac20 5240MHz Ant2



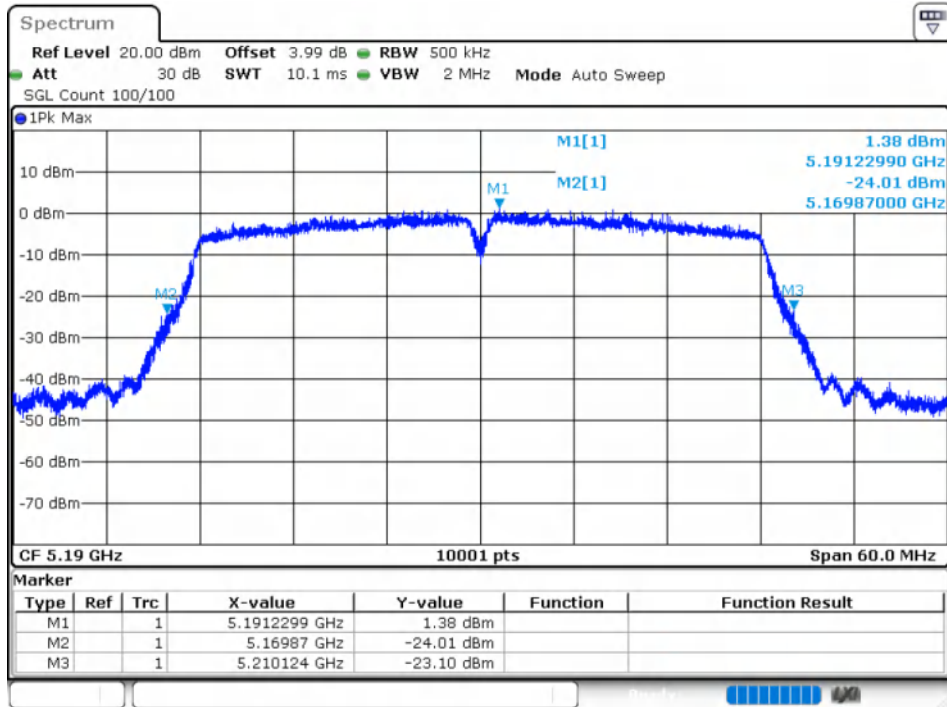
-26dB Bandwidth NVNT ac40 5190MHz Ant1



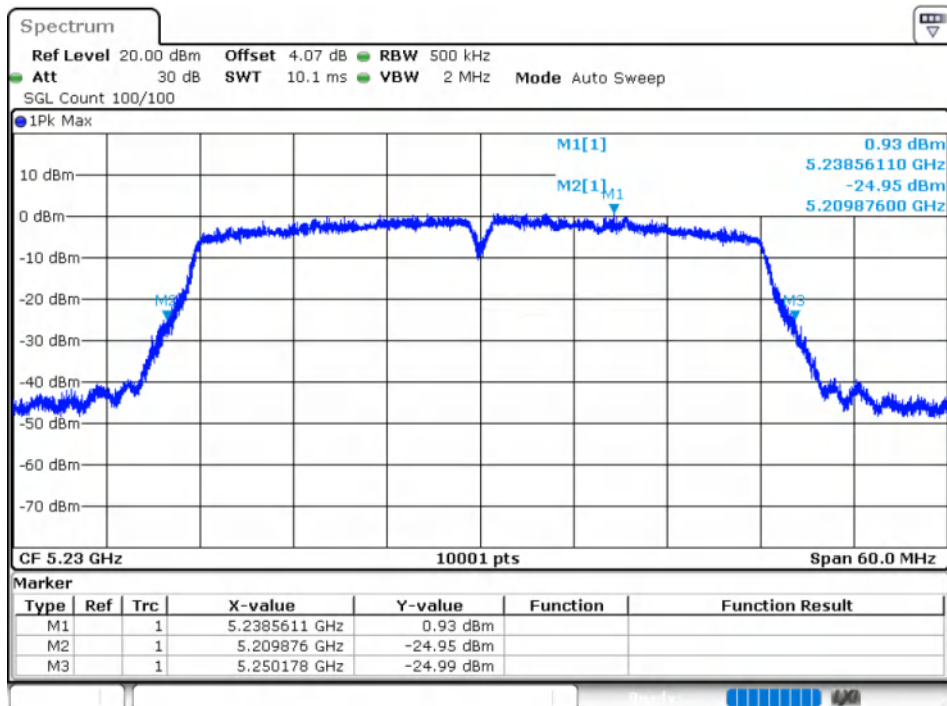
-26dB Bandwidth NVNT ac40 5230MHz Ant1



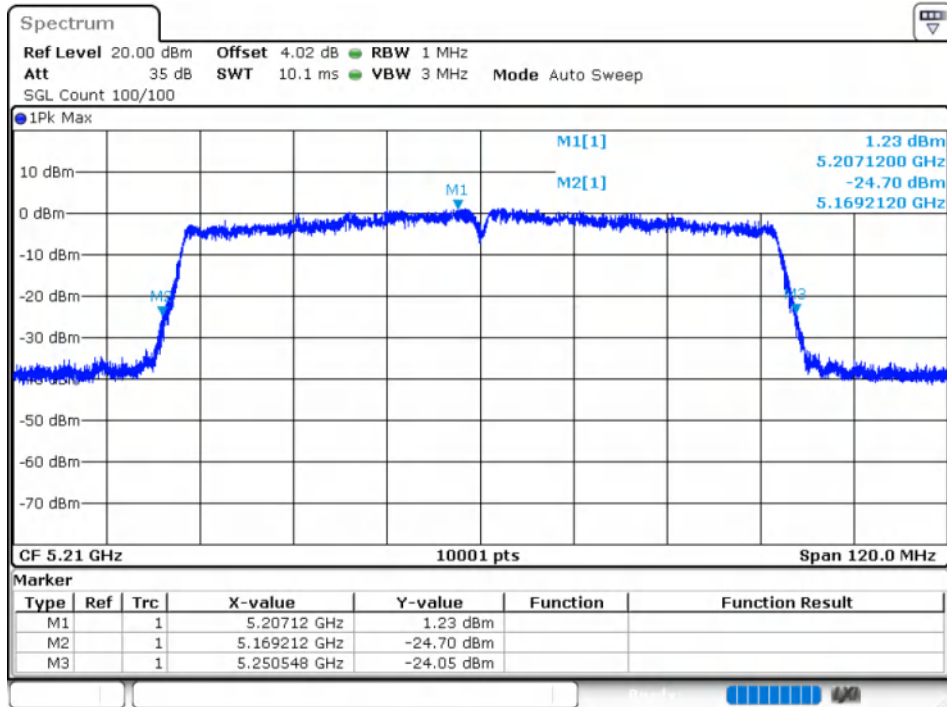
-26dB Bandwidth NVNT ac40 5190MHz Ant2



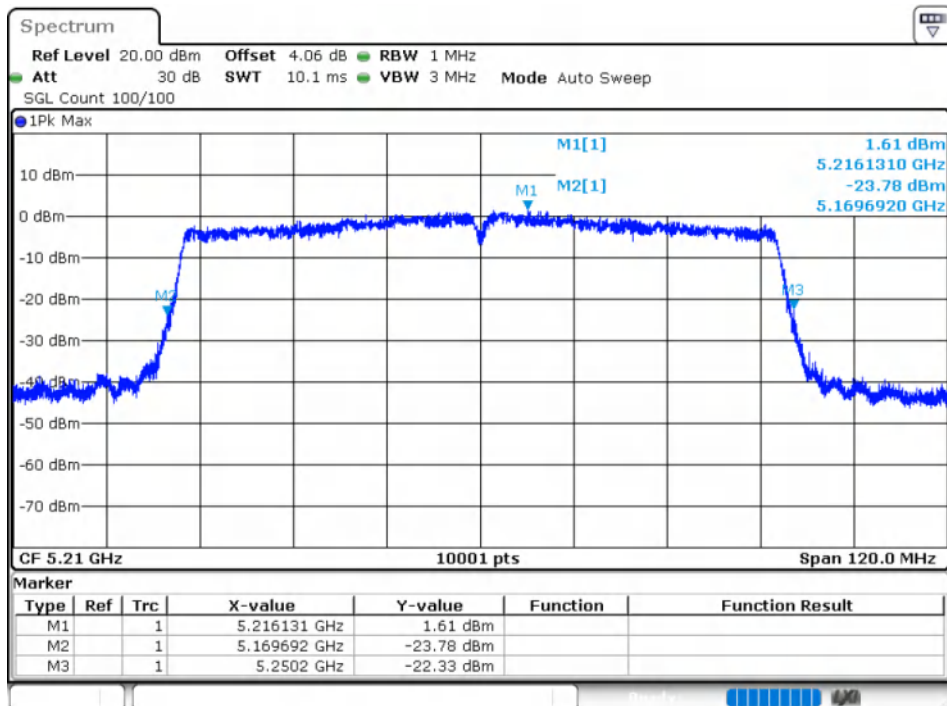
-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant2

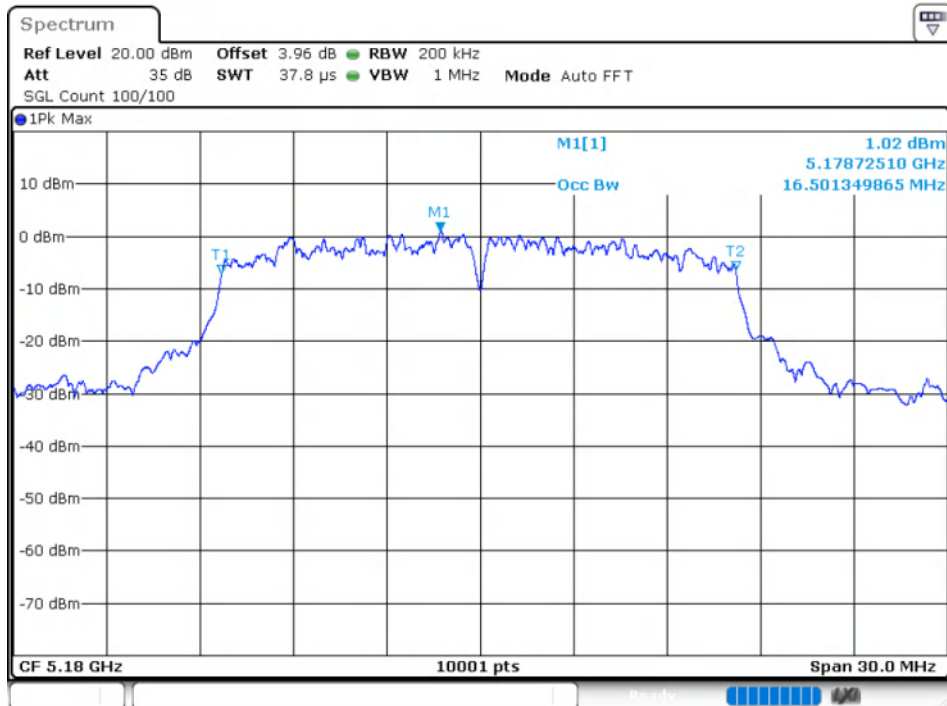


Occupied Channel Bandwidth

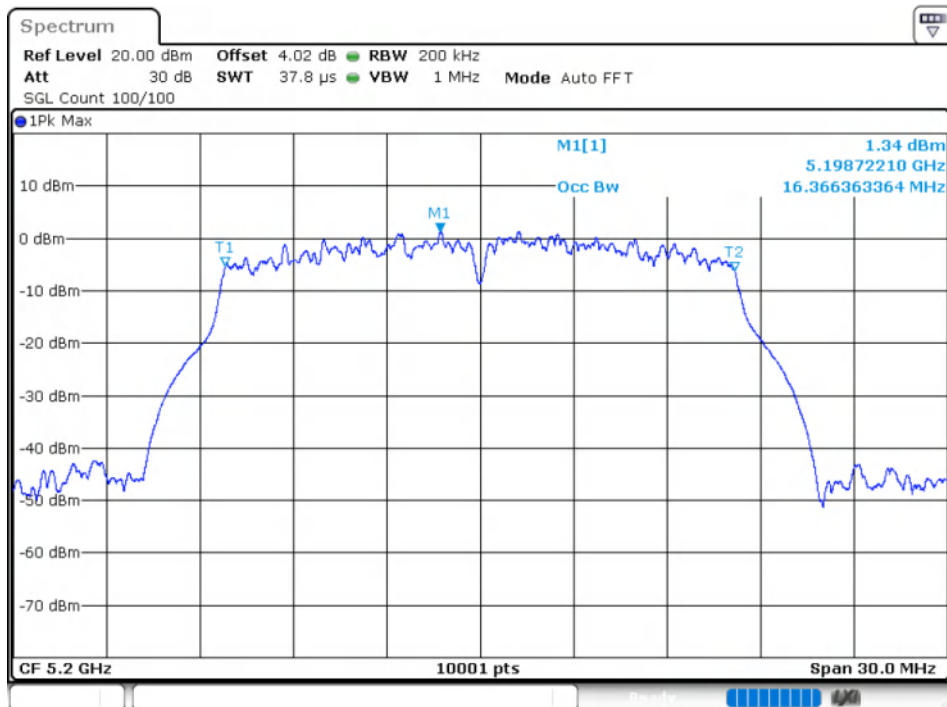
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.501
NVNT	a	5200	Ant1	16.366
NVNT	a	5240	Ant1	16.405
NVNT	a	5180	Ant2	16.396
NVNT	a	5200	Ant2	16.387
NVNT	a	5240	Ant2	16.315
NVNT	n20	5180	Ant1	17.551
NVNT	n20	5200	Ant1	17.515
NVNT	n20	5240	Ant1	17.539
NVNT	n20	5180	Ant2	17.506
NVNT	n20	5200	Ant2	17.497
NVNT	n20	5240	Ant2	17.503
NVNT	n40	5190	Ant1	36.05
NVNT	n40	5230	Ant1	36.008
NVNT	n40	5190	Ant2	36.014
NVNT	n40	5230	Ant2	36.026
NVNT	ac20	5180	Ant1	17.557
NVNT	ac20	5200	Ant1	17.53
NVNT	ac20	5240	Ant1	17.524
NVNT	ac20	5180	Ant2	17.494
NVNT	ac20	5200	Ant2	17.524
NVNT	ac20	5240	Ant2	17.521
NVNT	ac40	5190	Ant1	36.008
NVNT	ac40	5230	Ant1	35.99
NVNT	ac40	5190	Ant2	35.954
NVNT	ac40	5230	Ant2	35.954
NVNT	ac80	5210	Ant1	75.496
NVNT	ac80	5210	Ant2	75.376

Test Graphs

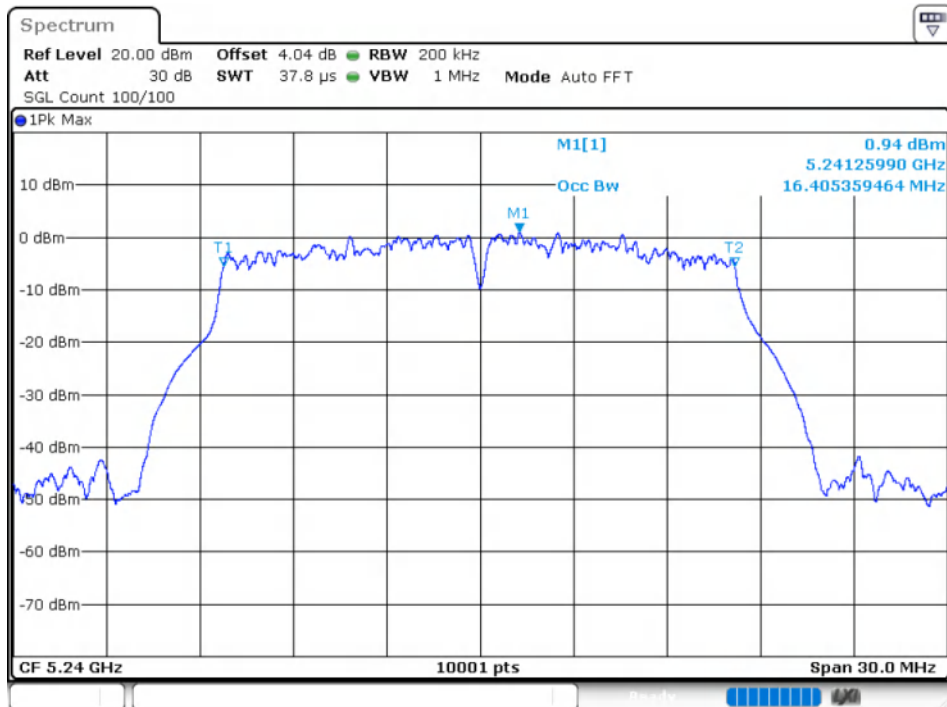
OBW NVNT a 5180MHz Ant1



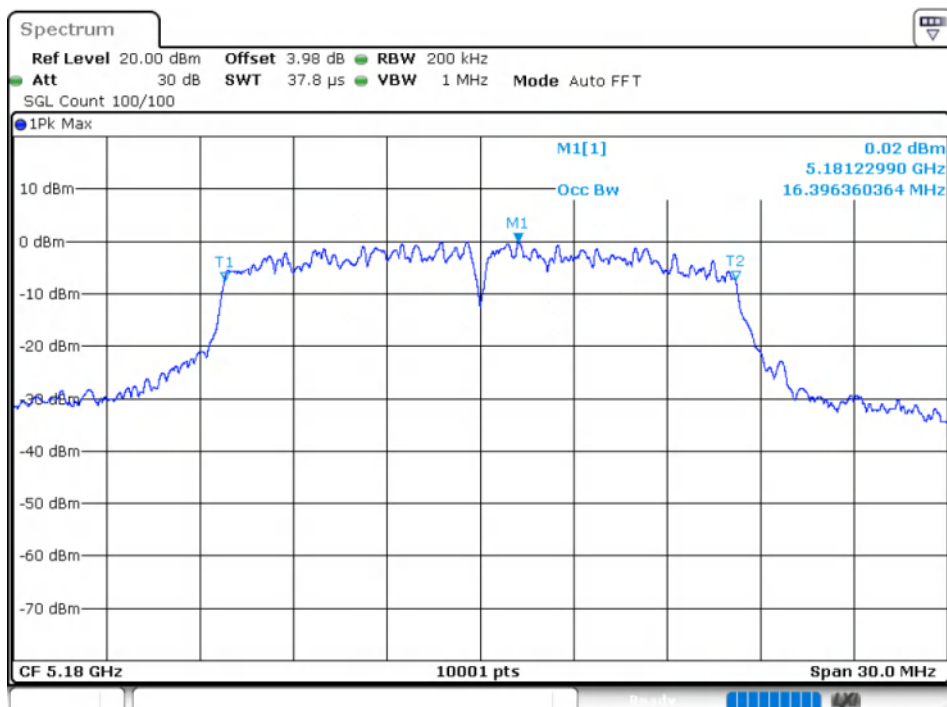
OBW NVNT a 5200MHz Ant1



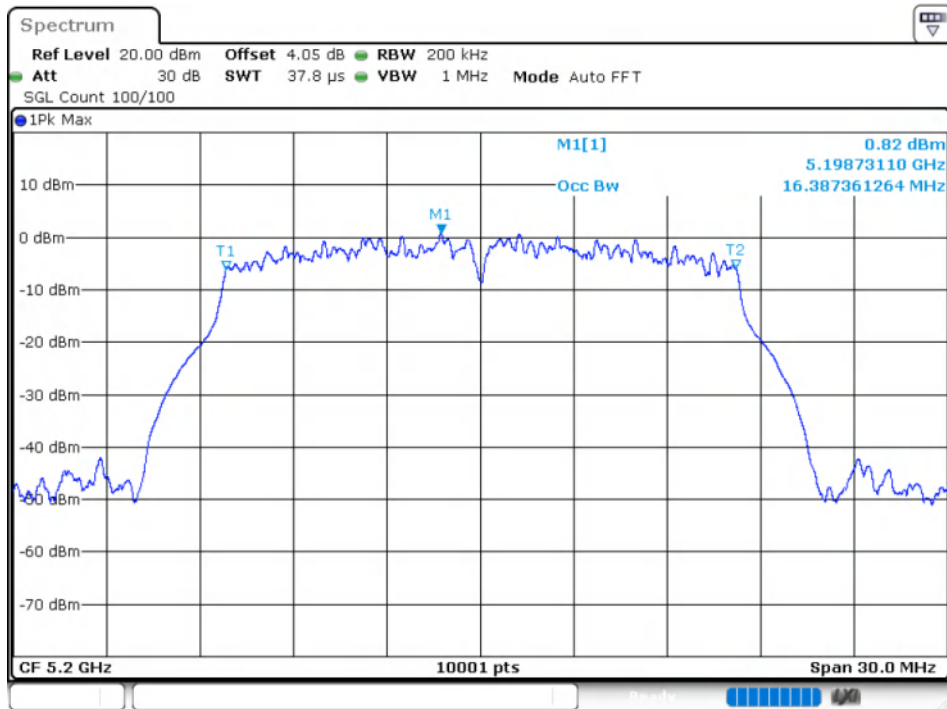
OBW NVNT a 5240MHz Ant1



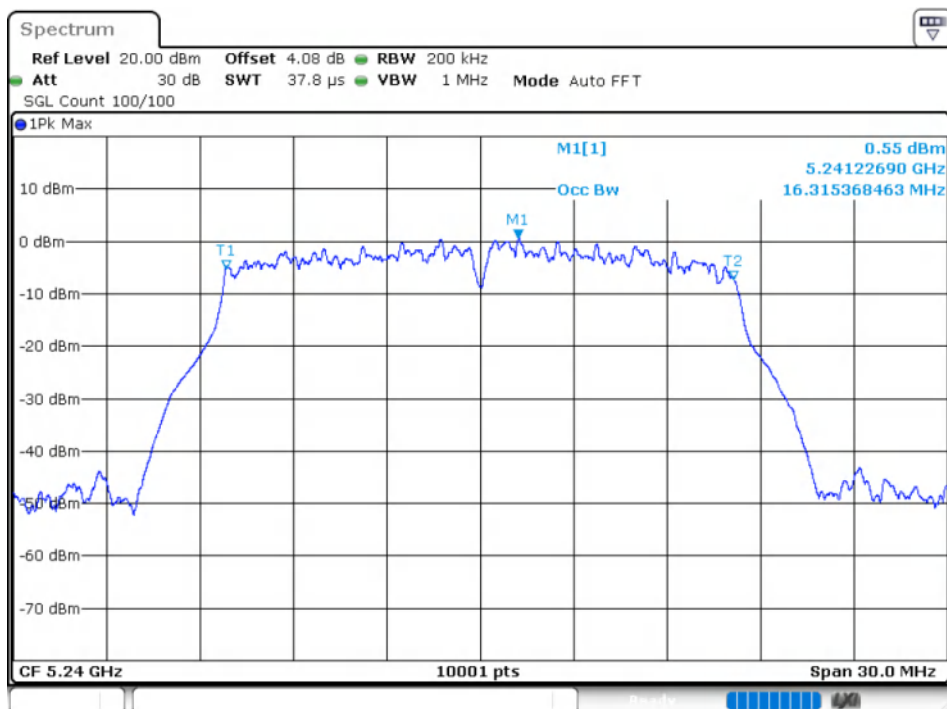
OBW NVNT a 5180MHz Ant2

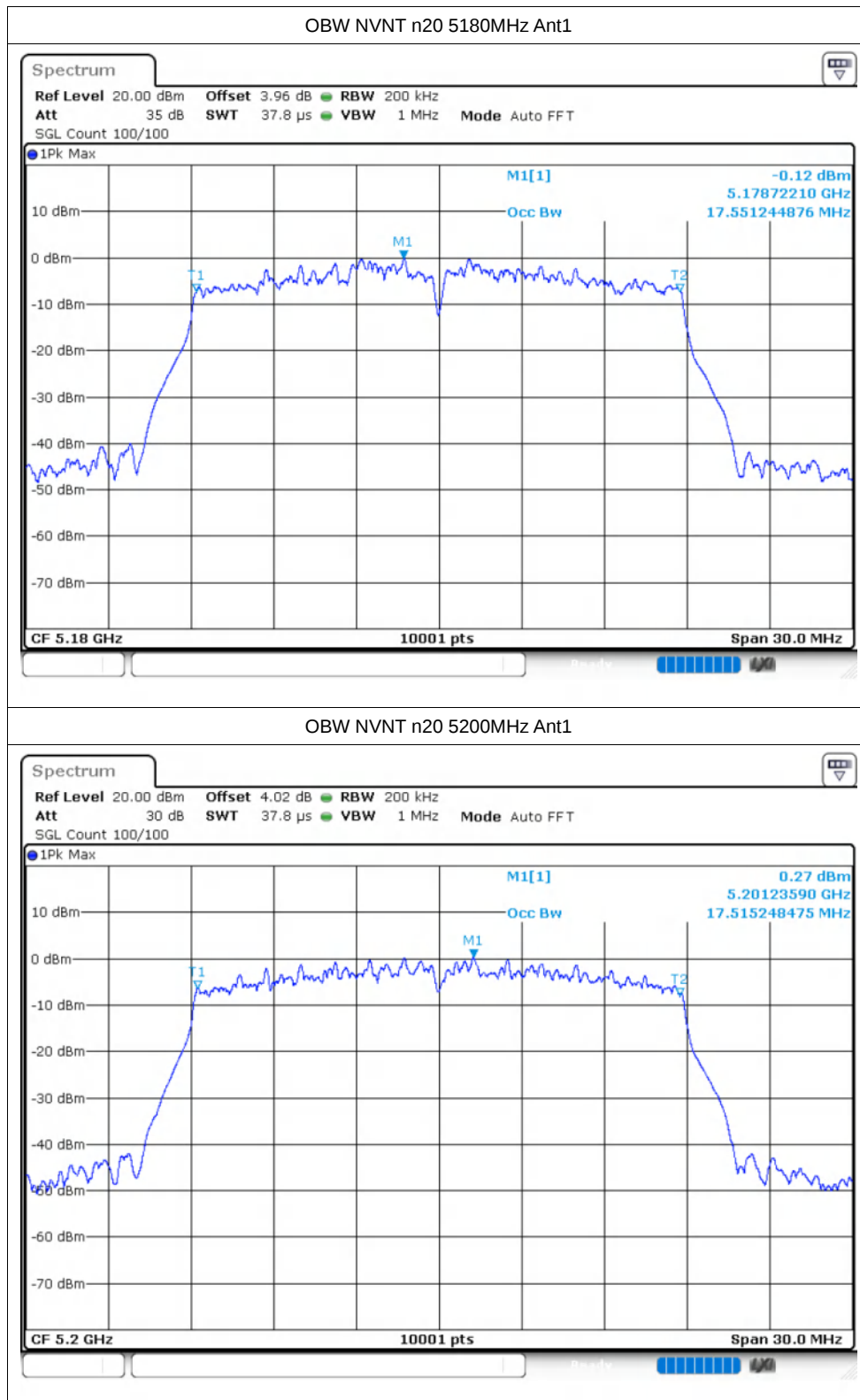


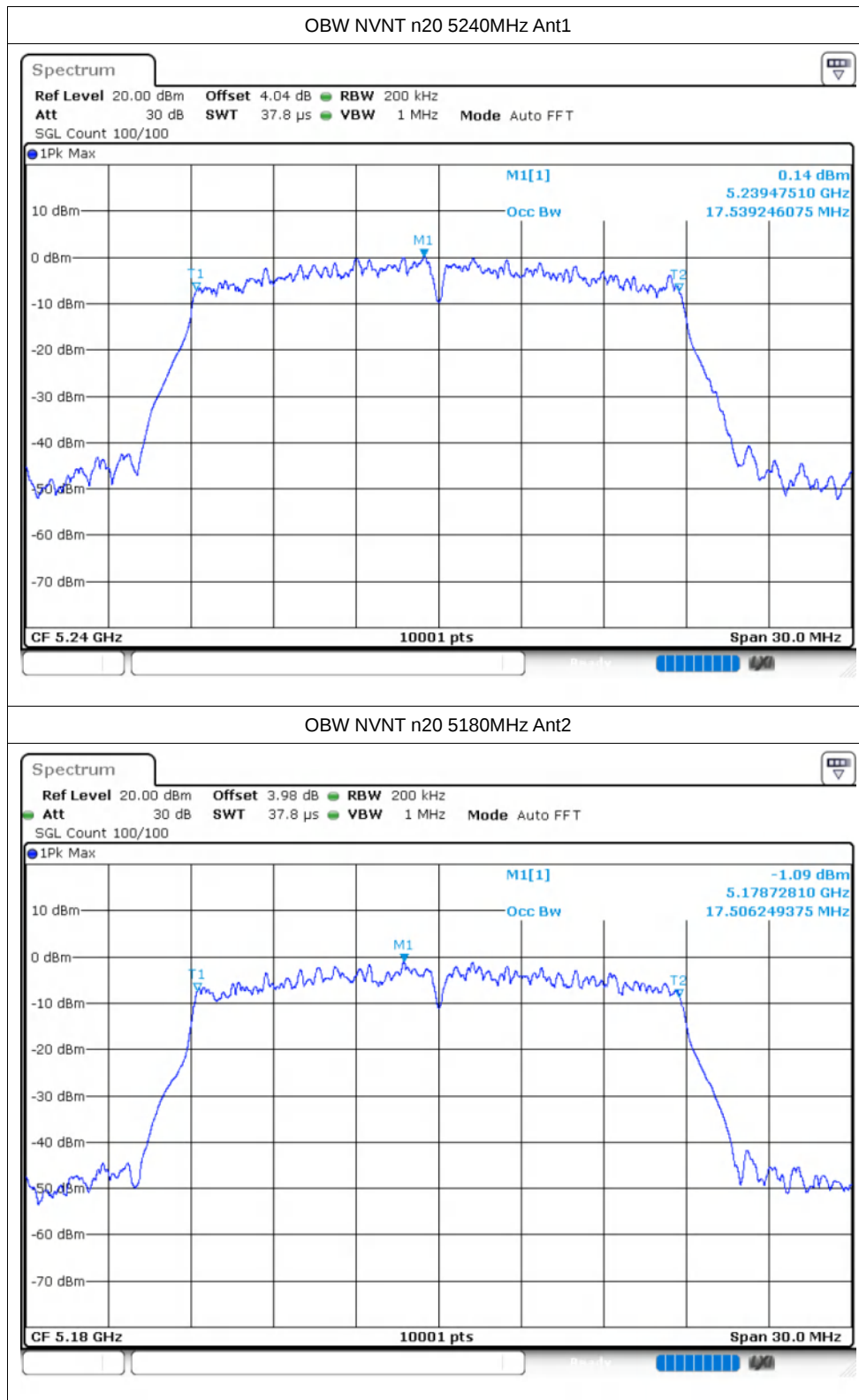
OBW NVNT a 5200MHz Ant2

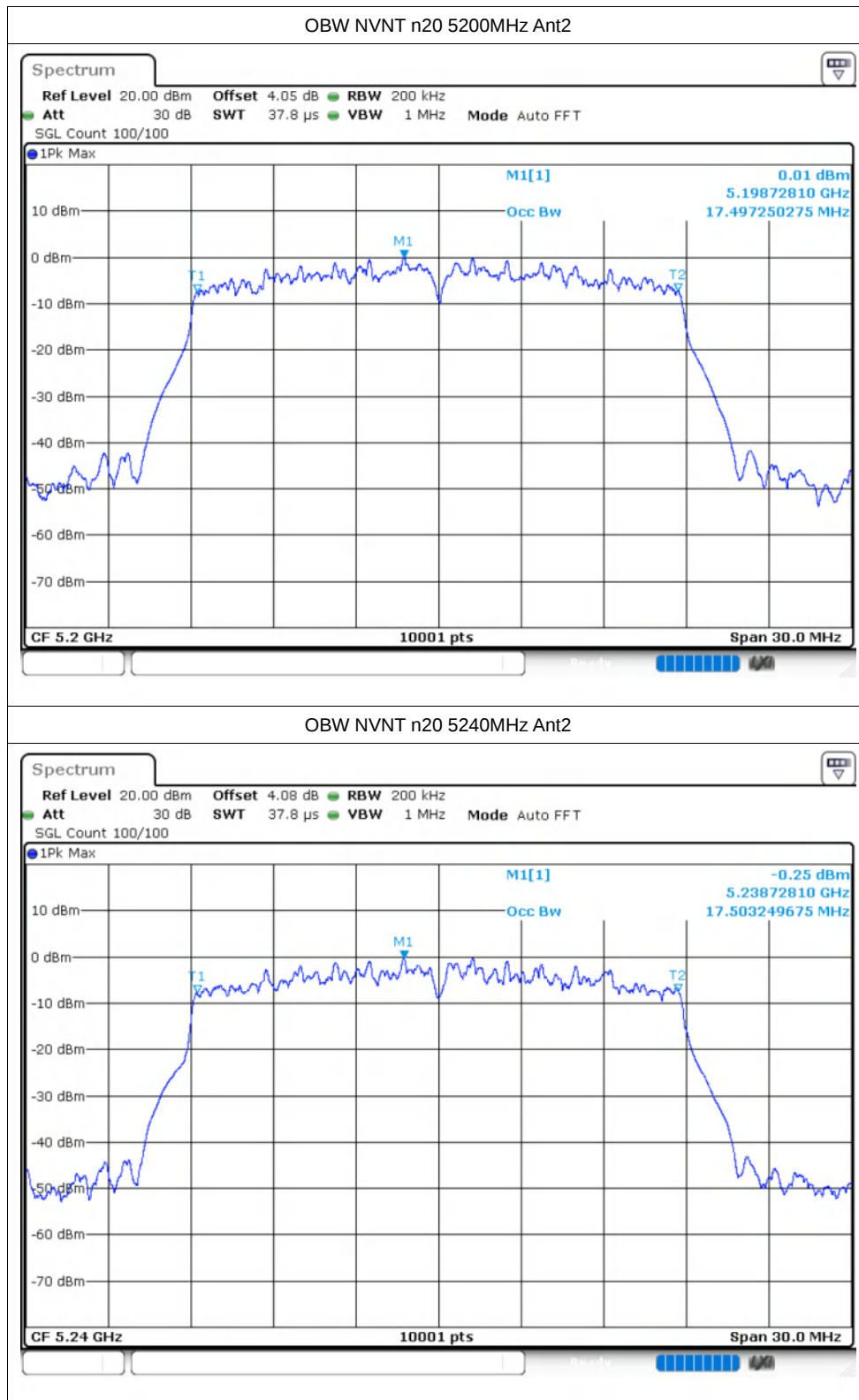


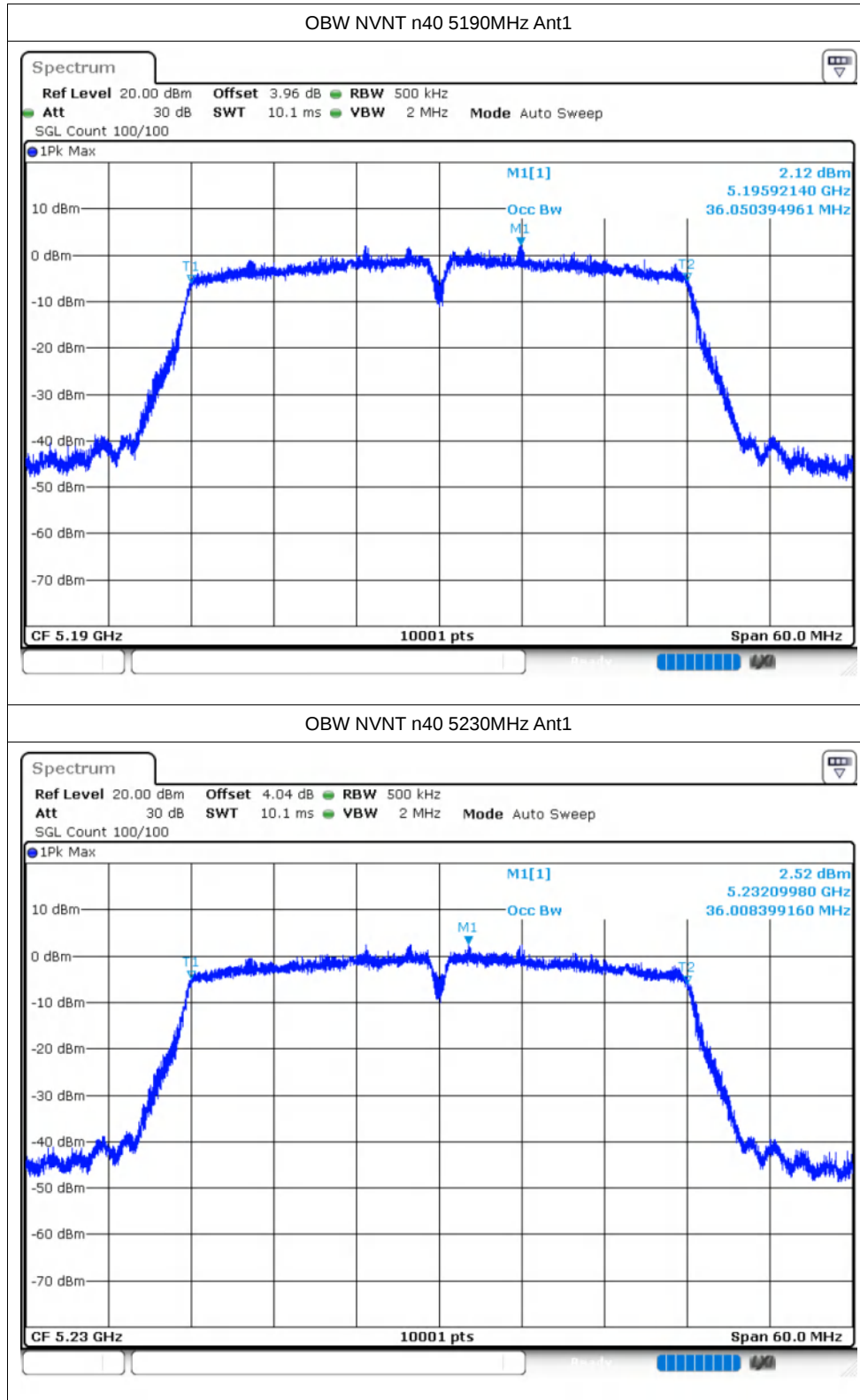
OBW NVNT a 5240MHz Ant2

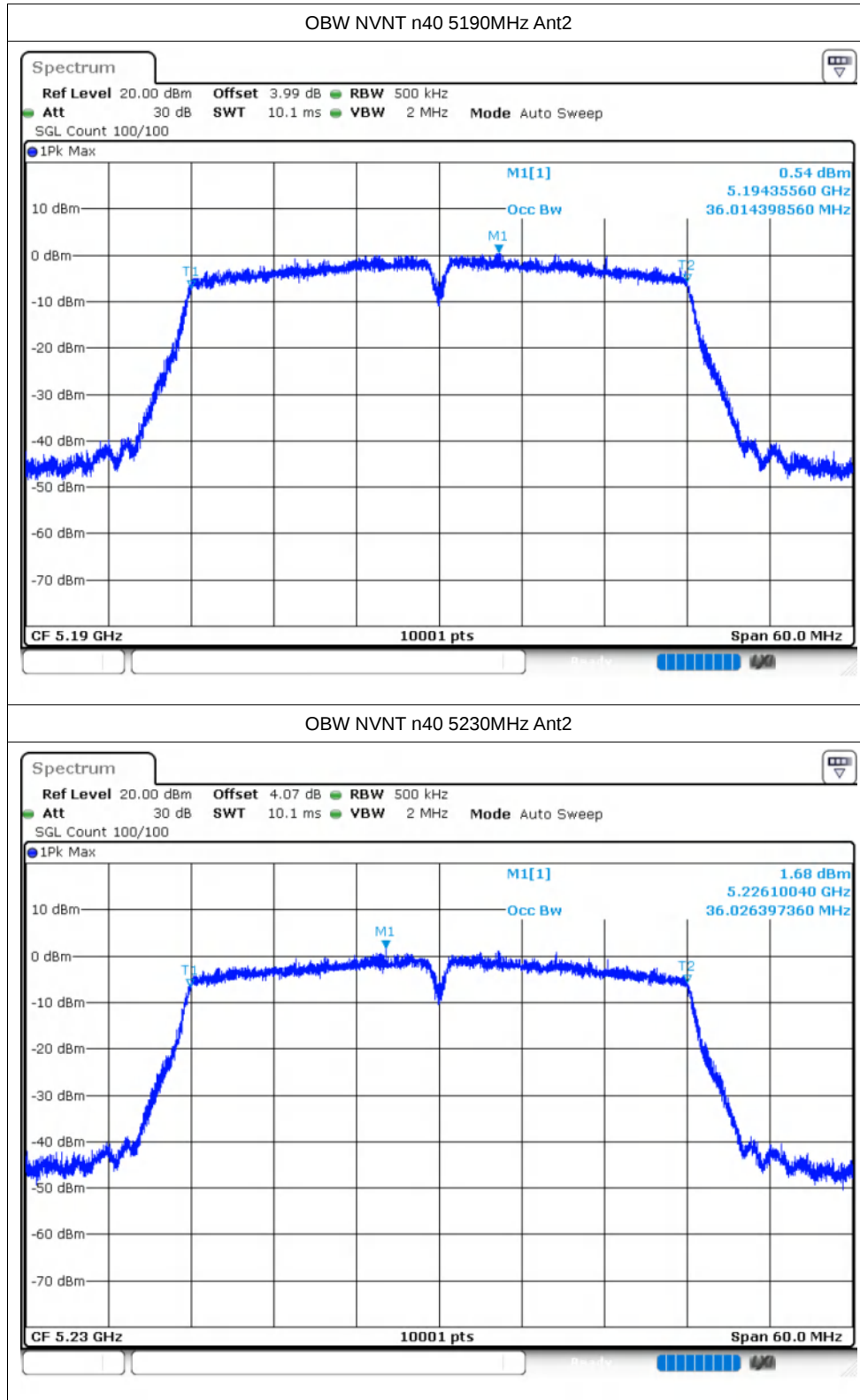




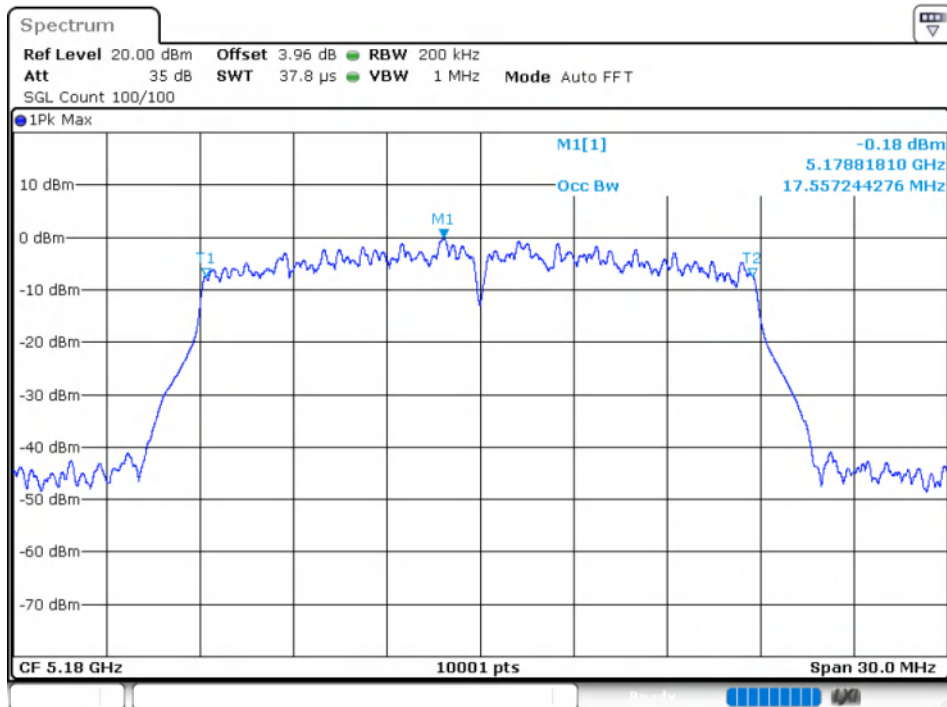




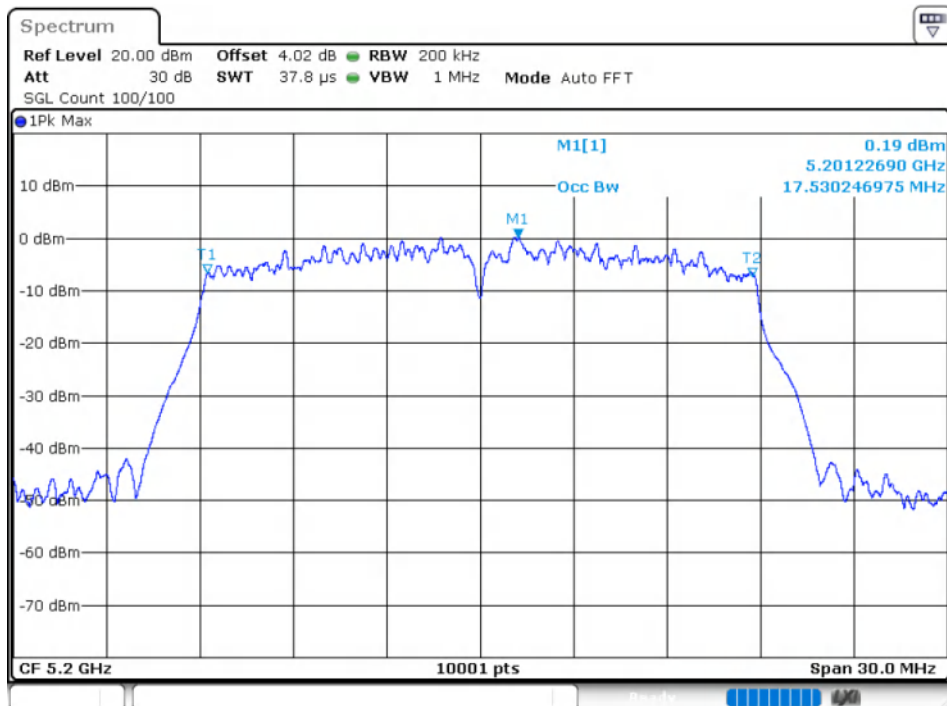




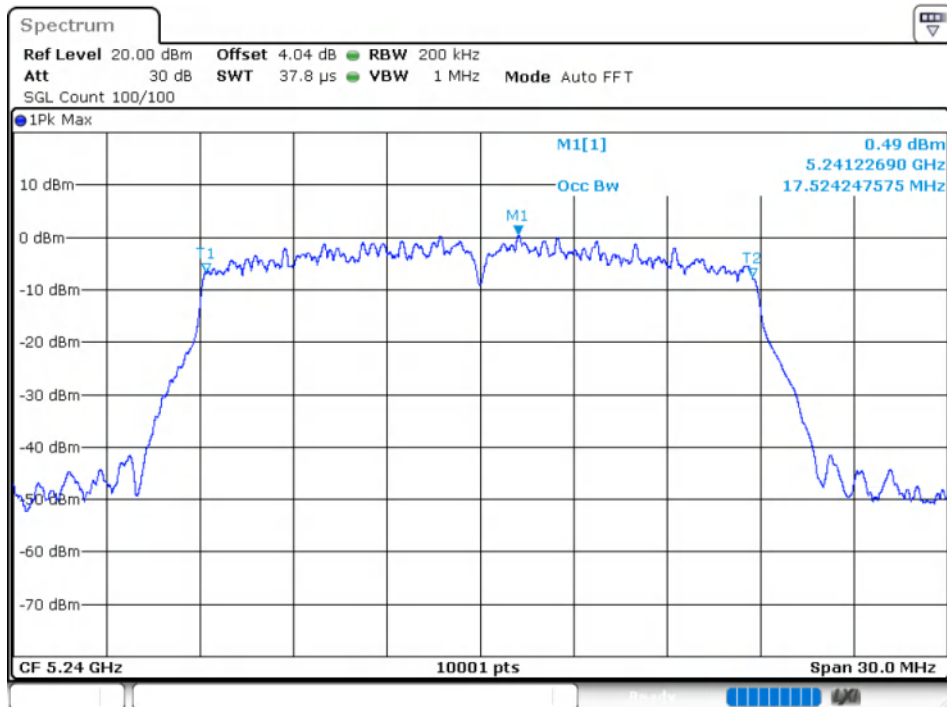
OBW NVNT ac20 5180MHz Ant1



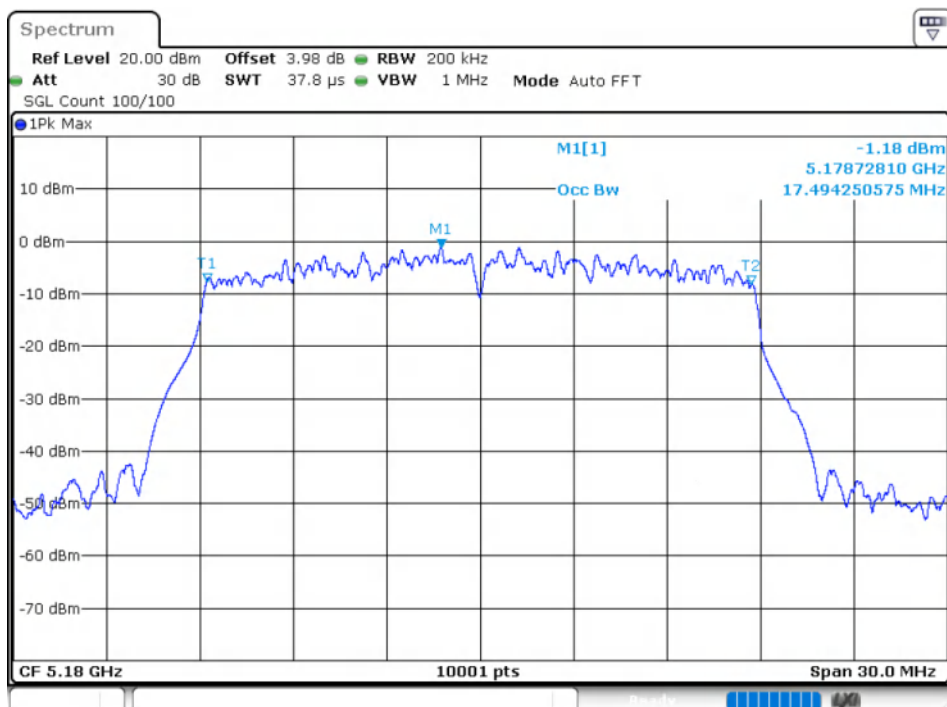
OBW NVNT ac20 5200MHz Ant1



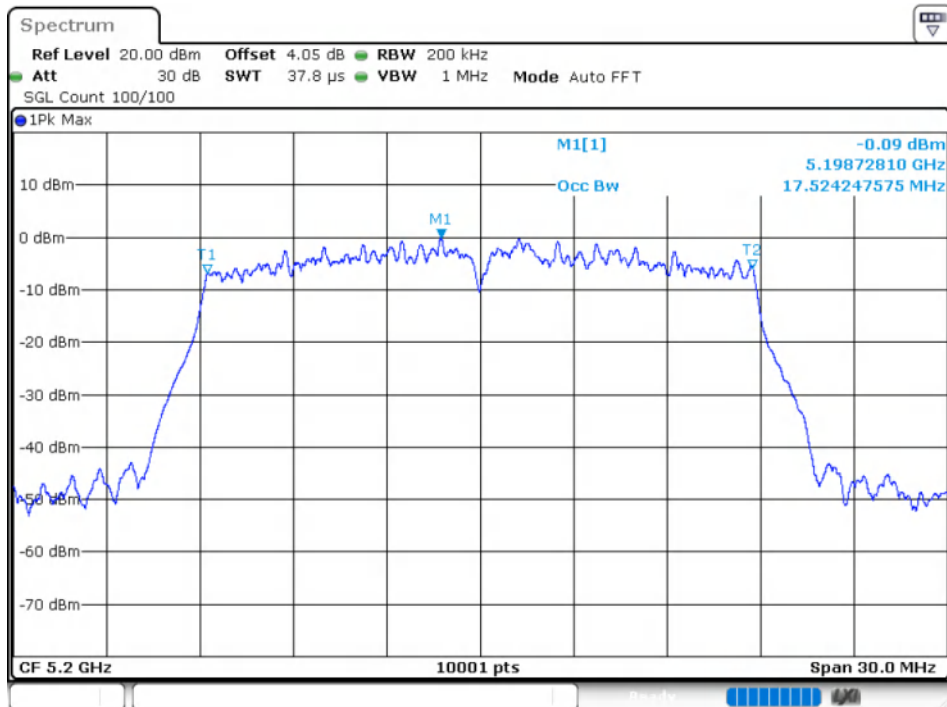
OBW NVNT ac20 5240MHz Ant1



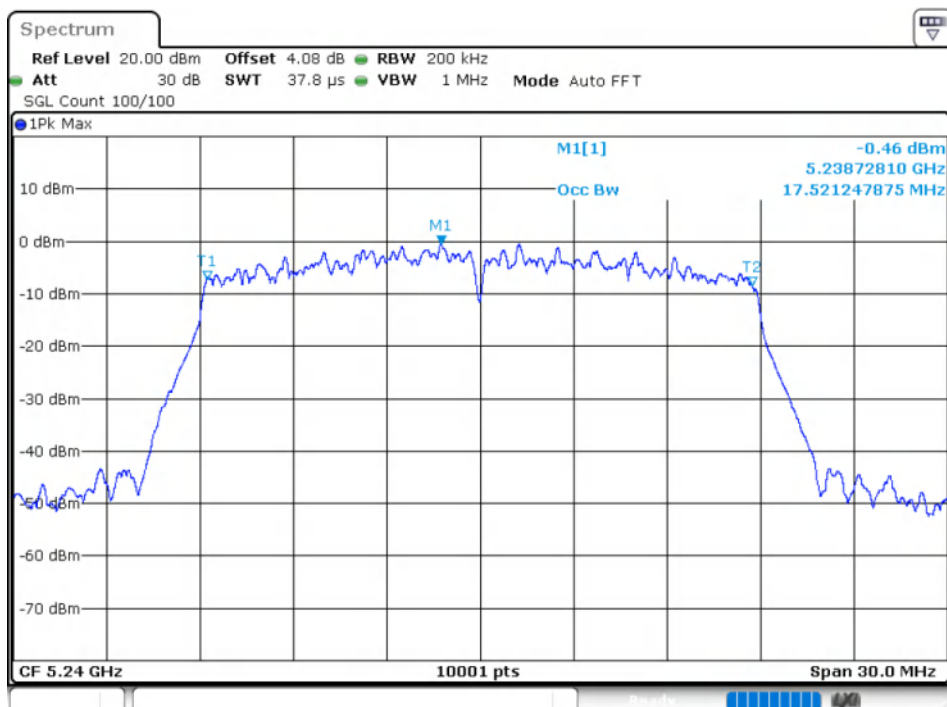
OBW NVNT ac20 5180MHz Ant2

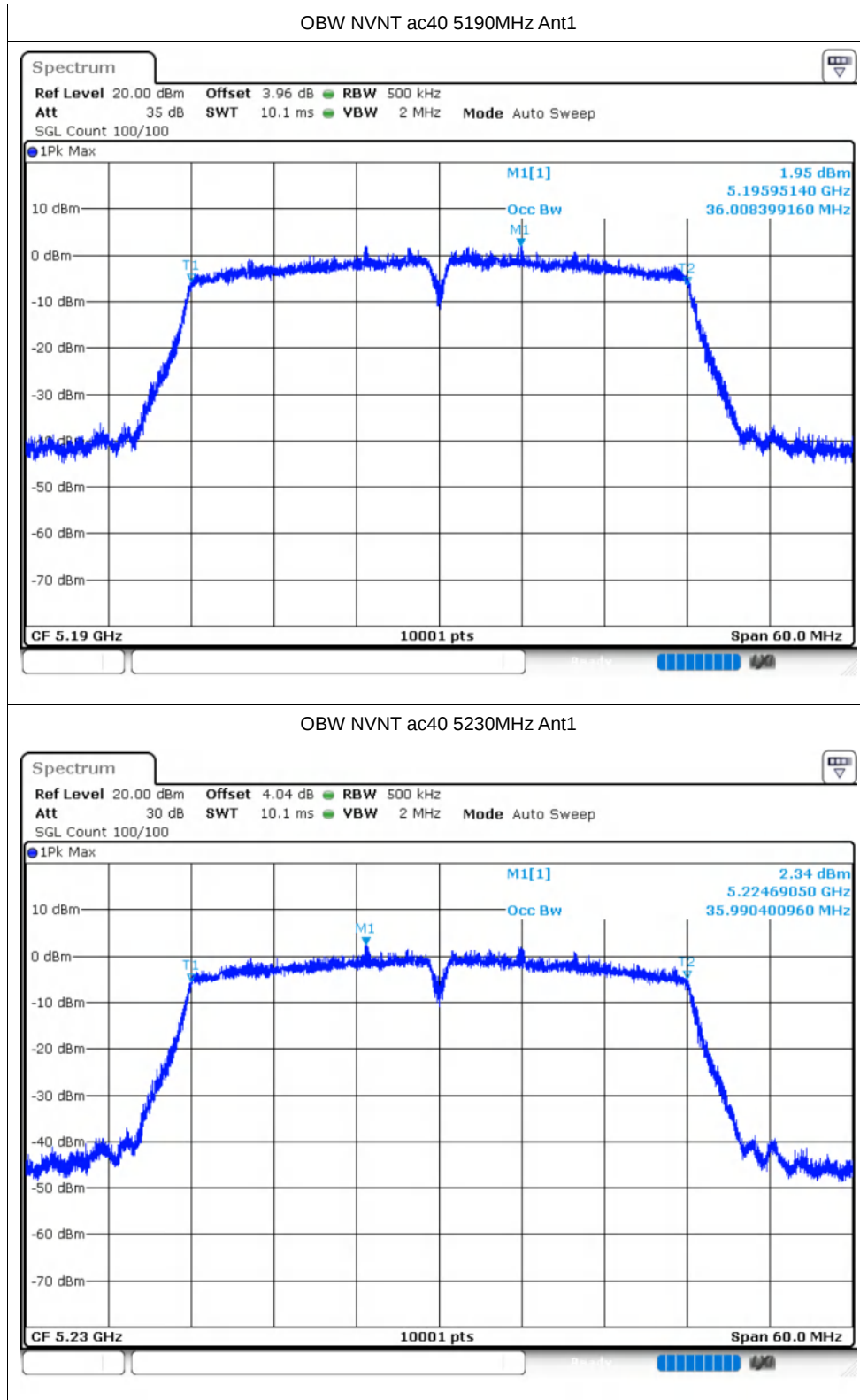


OBW NVNT ac20 5200MHz Ant2

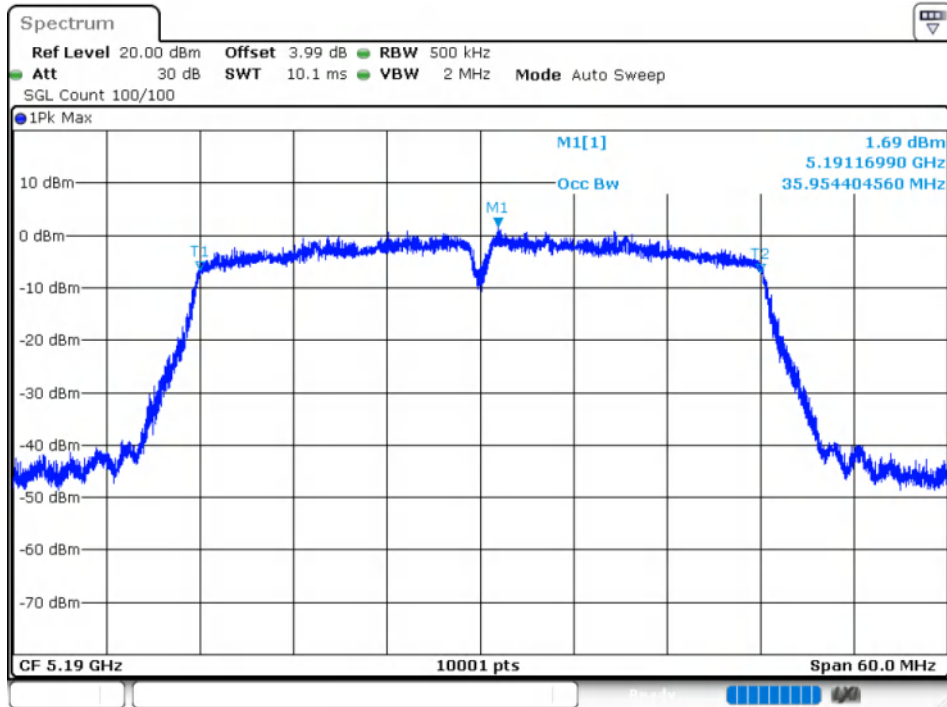


OBW NVNT ac20 5240MHz Ant2

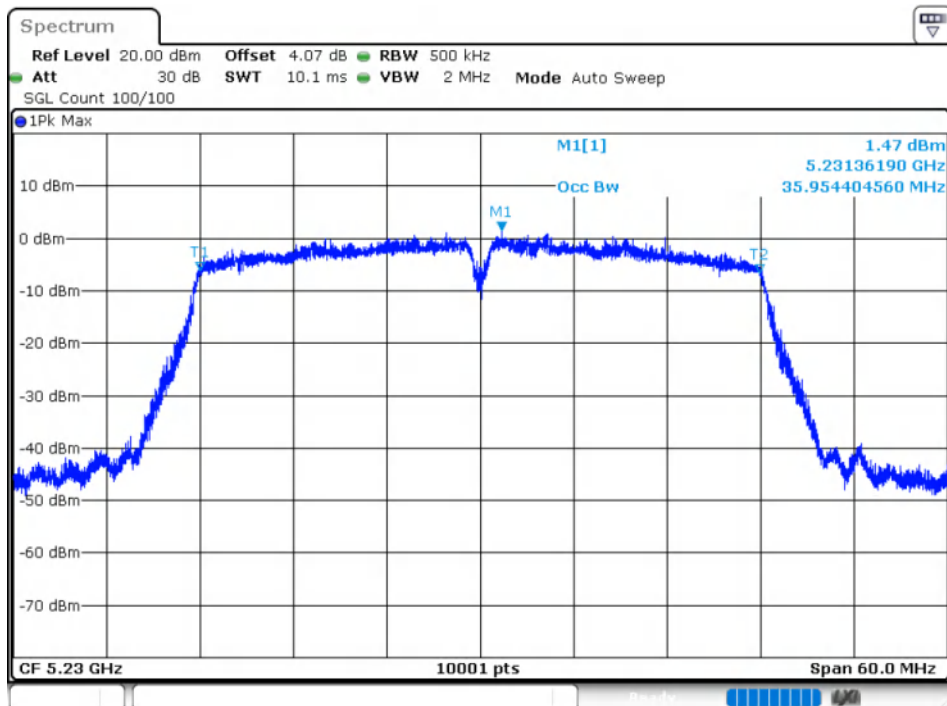


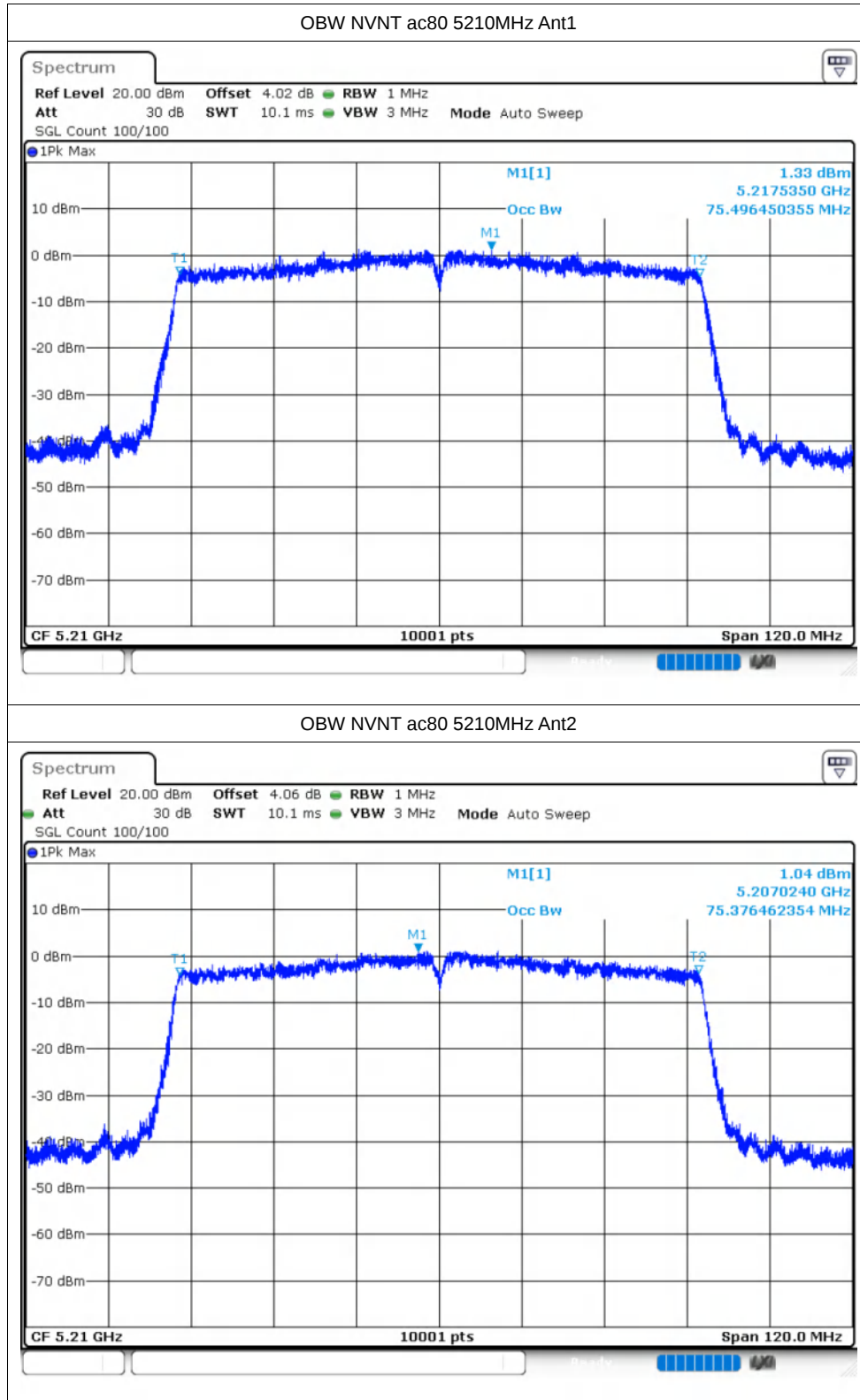


OBW NVNT ac40 5190MHz Ant2



OBW NVNT ac40 5230MHz Ant2



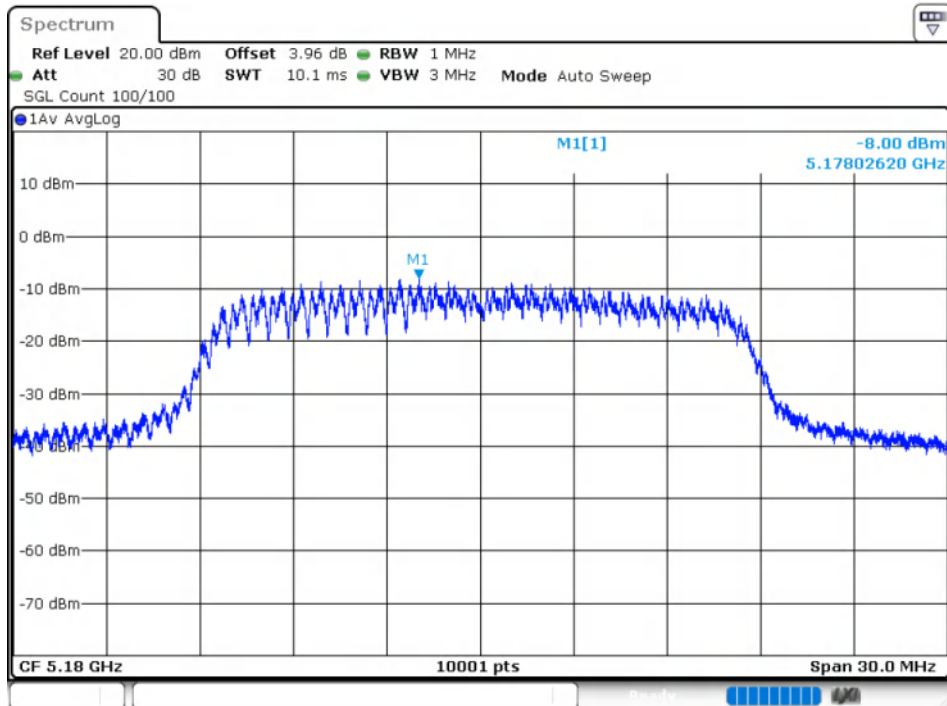


Maximum Power Spectral Density Level

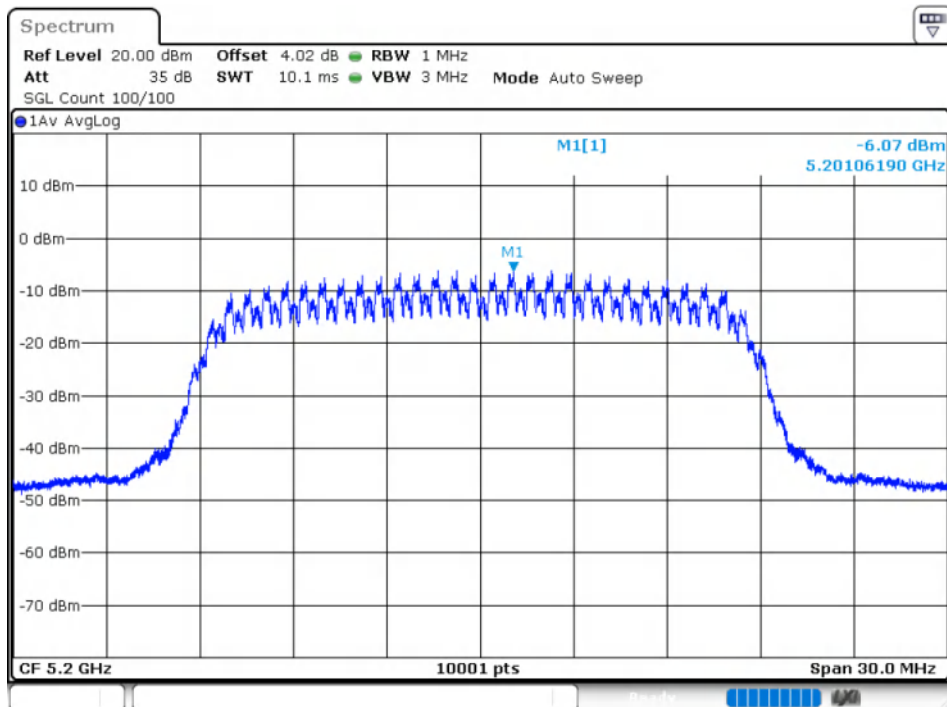
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-8	0.75	-7.25	11	Pass
NVNT	a	5200	Ant1	-6.07	0.74	-5.33	11	Pass
NVNT	a	5240	Ant1	-8.53	0.75	-7.78	11	Pass
NVNT	a	5180	Ant2	-8.04	0.75	-7.29	11	Pass
NVNT	a	5200	Ant2	-8.93	0.74	-8.19	11	Pass
NVNT	a	5240	Ant2	-7.78	0.75	-7.03	11	Pass
NVNT	n20	5180	Ant1	-8.18	0.79	-7.39	11	Pass
NVNT	n20	5200	Ant1	-8.1	0.8	-7.3	11	Pass
NVNT	n20	5240	Ant1	-7.57	0.79	-6.78	11	Pass
NVNT	n20	5180	Ant2	-8.4	0.79	-7.61	11	Pass
NVNT	n20	5200	Ant2	-9.18	0.79	-8.39	11	Pass
NVNT	n20	5240	Ant2	-8.48	0.79	-7.69	11	Pass
NVNT	n40	5190	Ant1	-13.05	1.18	-11.87	11	Pass
NVNT	n40	5230	Ant1	-16.51	1.17	-15.34	11	Pass
NVNT	n40	5190	Ant2	-17.01	1.17	-15.84	11	Pass
NVNT	n40	5230	Ant2	-15.3	1.17	-14.13	11	Pass
NVNT	ac20	5180	Ant1	-8.61	0.78	-7.83	11	Pass
NVNT	ac20	5200	Ant1	-8.58	0.78	-7.8	11	Pass
NVNT	ac20	5240	Ant1	-8.6	0.78	-7.82	11	Pass
NVNT	ac20	5180	Ant2	-11.03	0.78	-10.25	11	Pass
NVNT	ac20	5200	Ant2	-8.07	0.78	-7.29	11	Pass
NVNT	ac20	5240	Ant2	-8.81	0.78	-8.03	11	Pass
NVNT	ac40	5190	Ant1	-13.35	1.13	-12.22	11	Pass
NVNT	ac40	5230	Ant1	-16.46	1.13	-15.33	11	Pass
NVNT	ac40	5190	Ant2	-16.01	1.13	-14.88	11	Pass
NVNT	ac40	5230	Ant2	-15.87	1.13	-14.74	11	Pass
NVNT	ac80	5210	Ant1	-21.22	1.49	-19.73	11	Pass
NVNT	ac80	5210	Ant2	-23.21	1.49	-21.72	11	Pass

Test Graphs

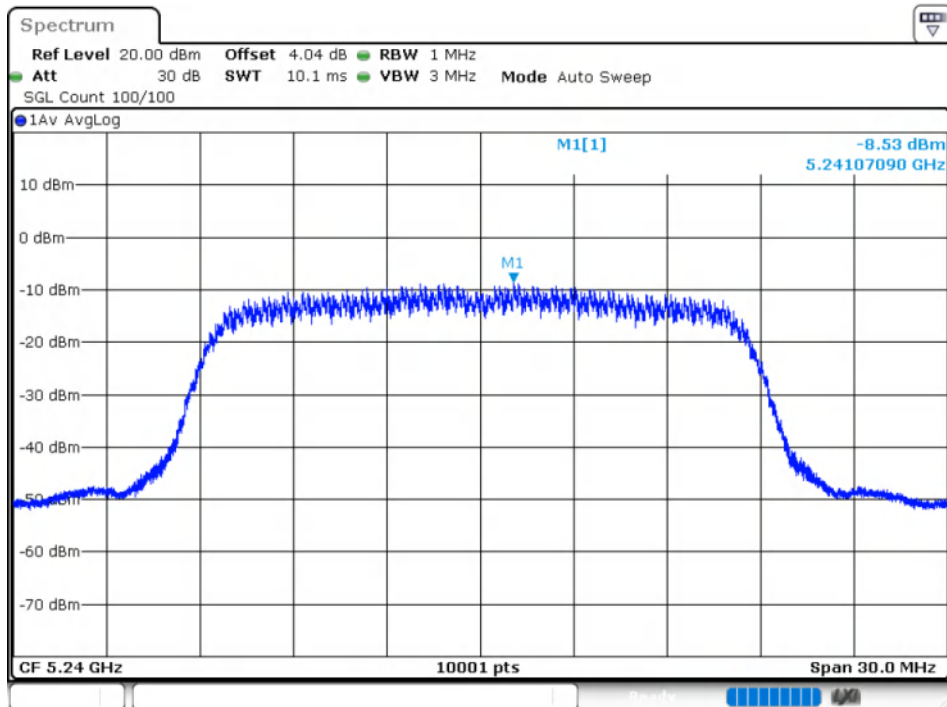
PSD NVNT a 5180MHz Ant1



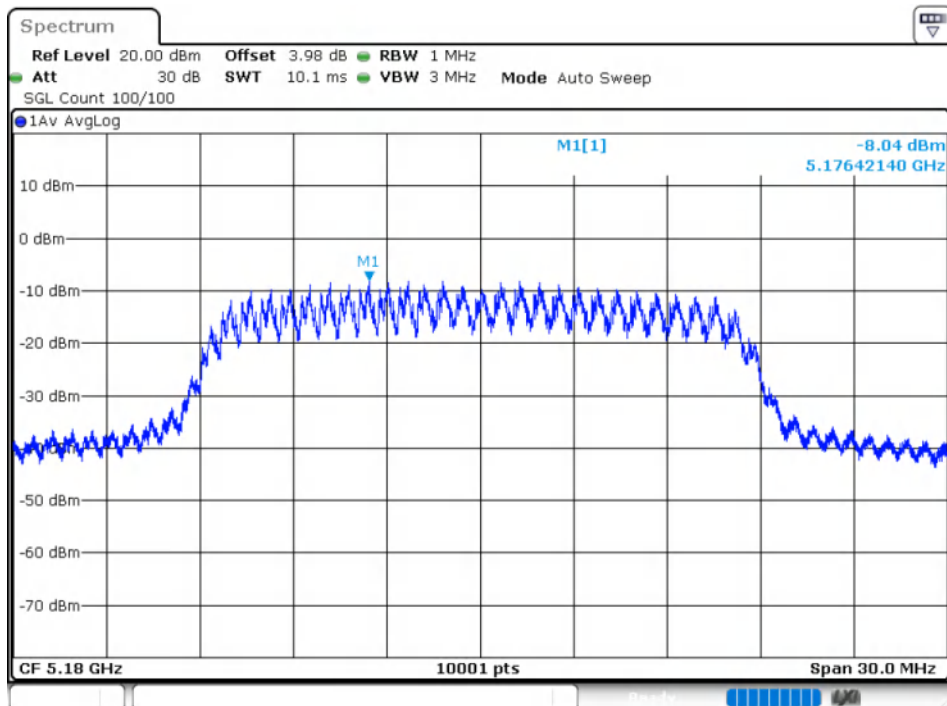
PSD NVNT a 5200MHz Ant1



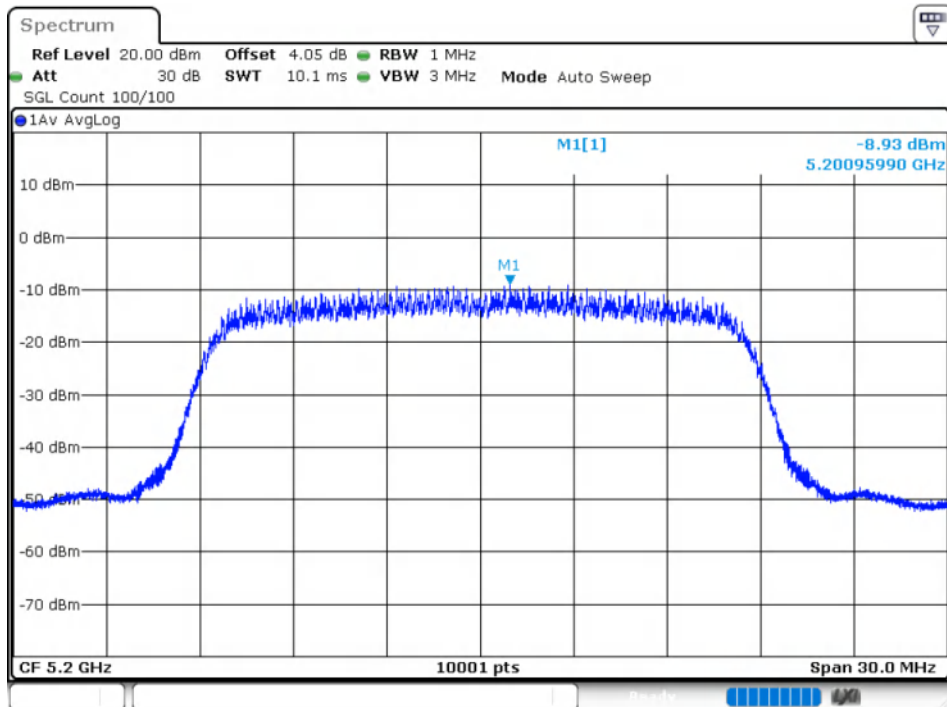
PSD NVNT a 5240MHz Ant1



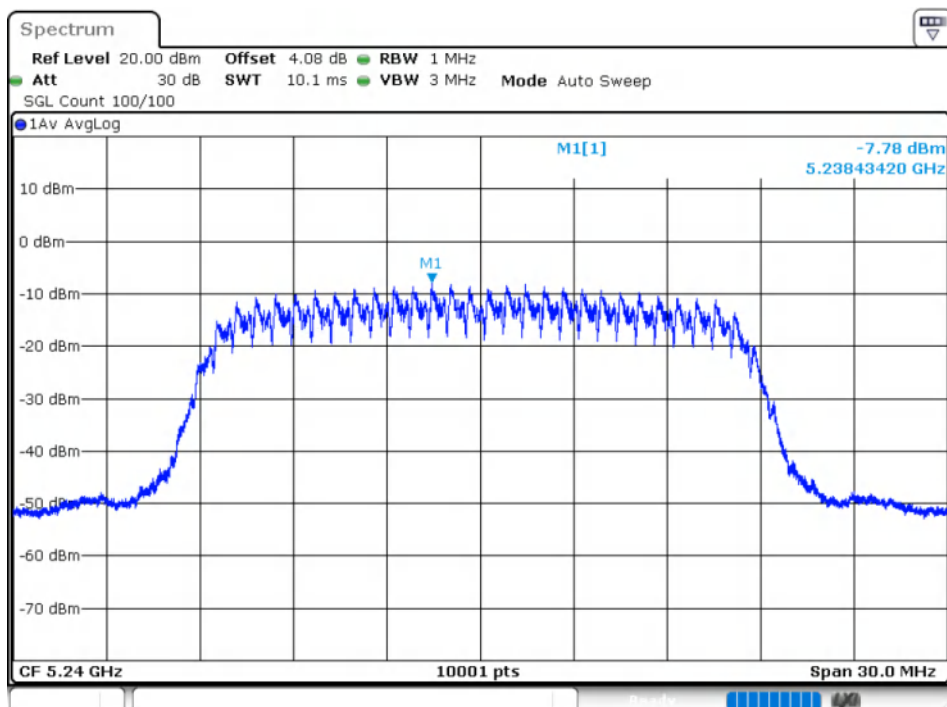
PSD NVNT a 5180MHz Ant2

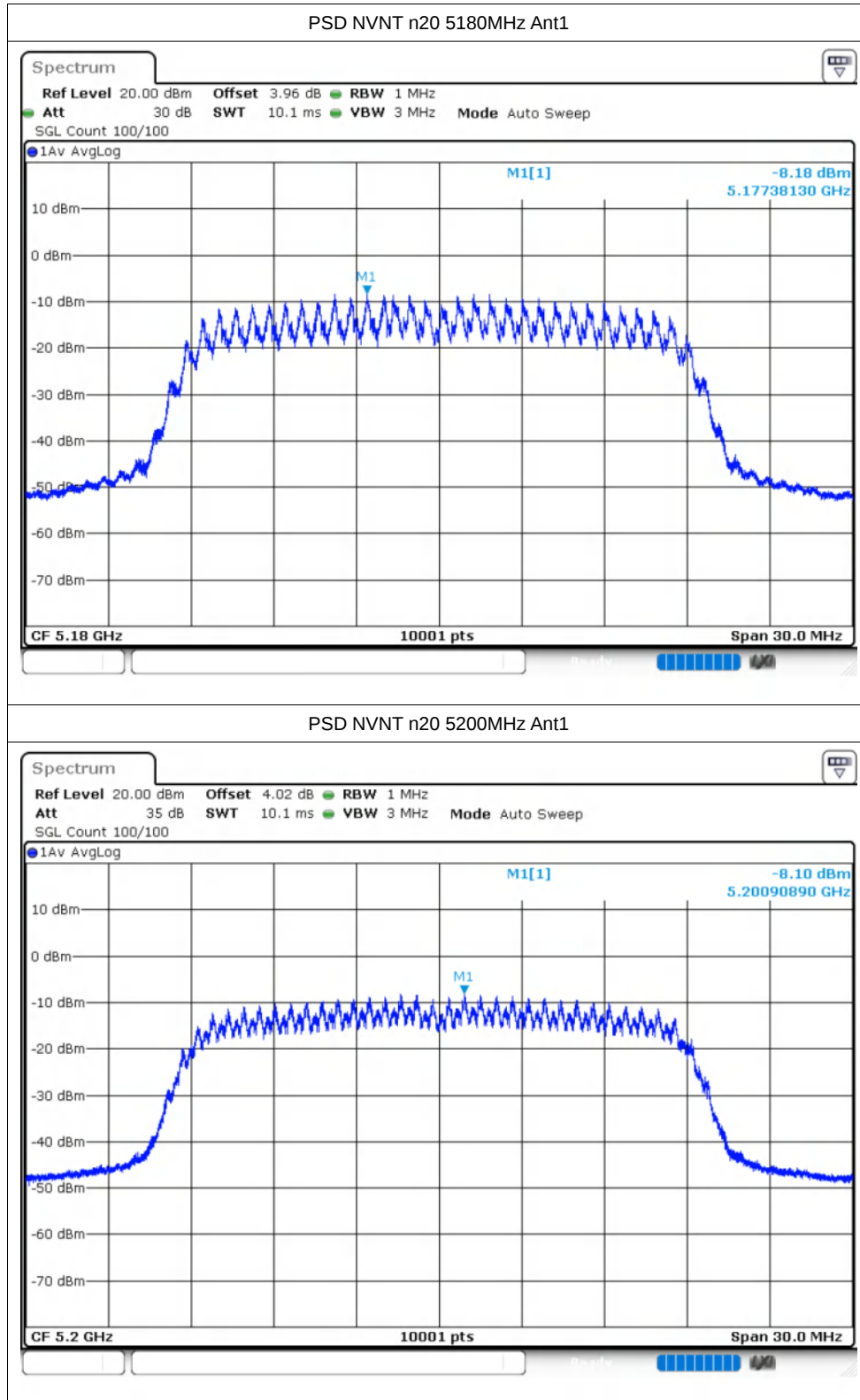


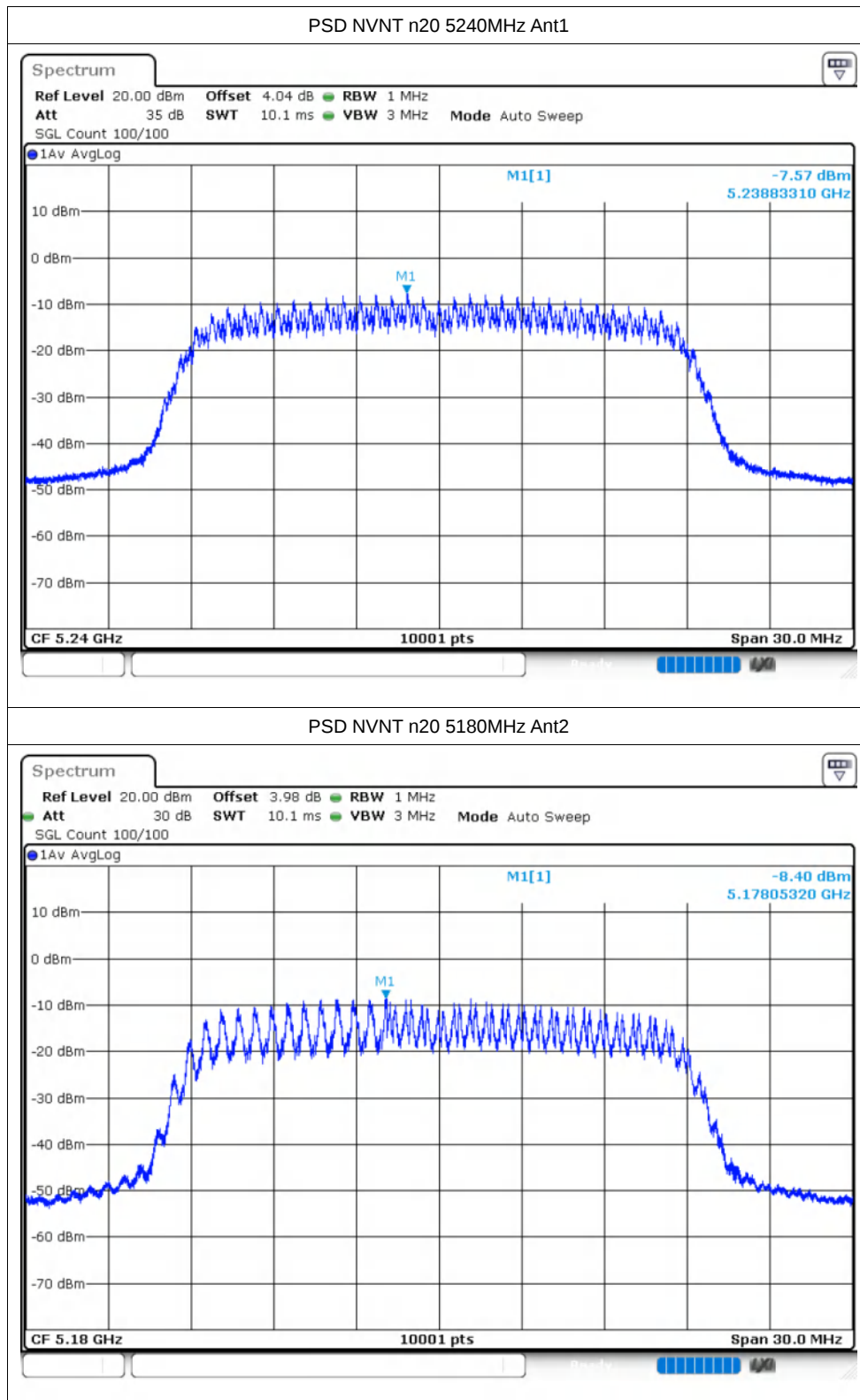
PSD NVNT a 5200MHz Ant2

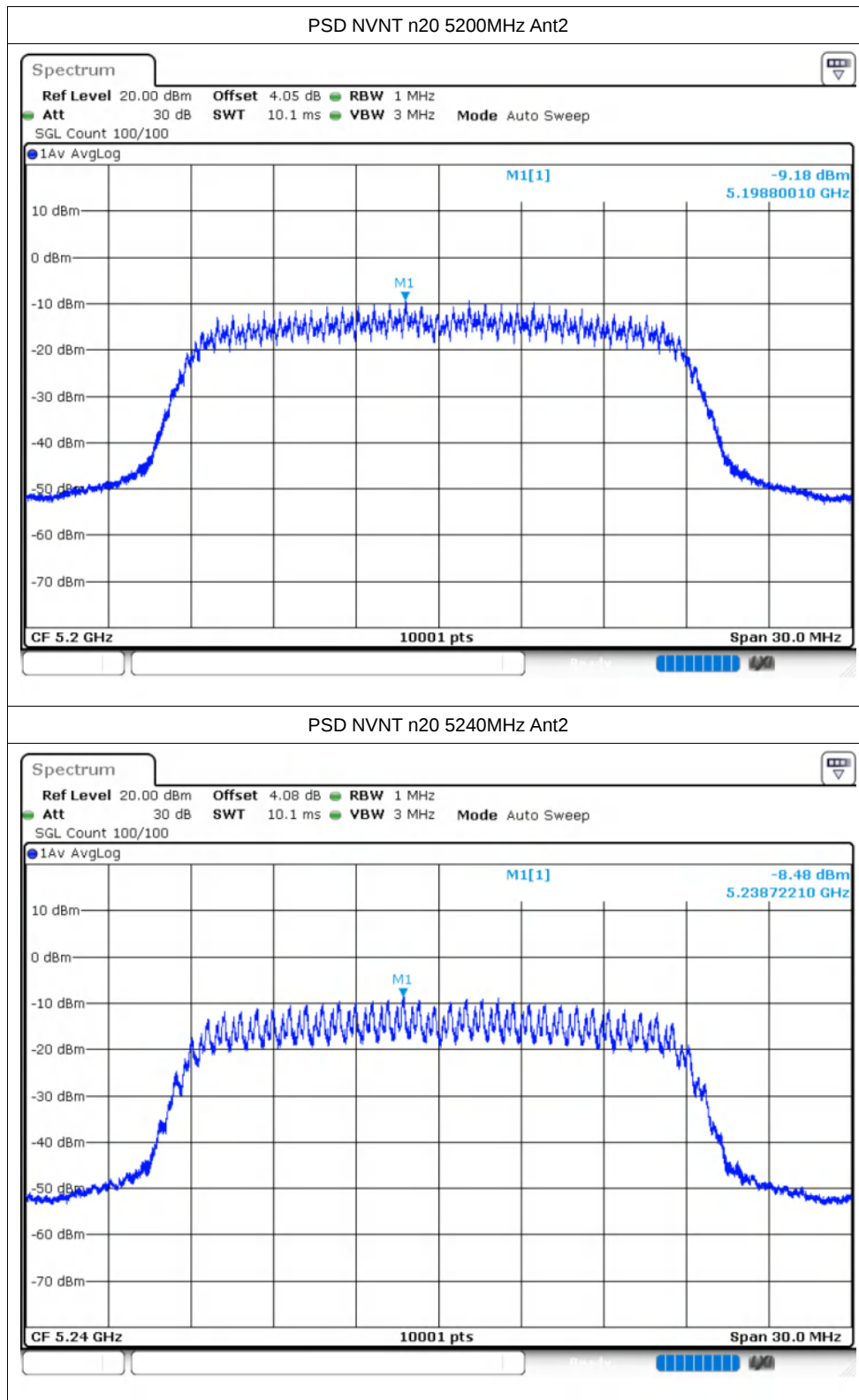


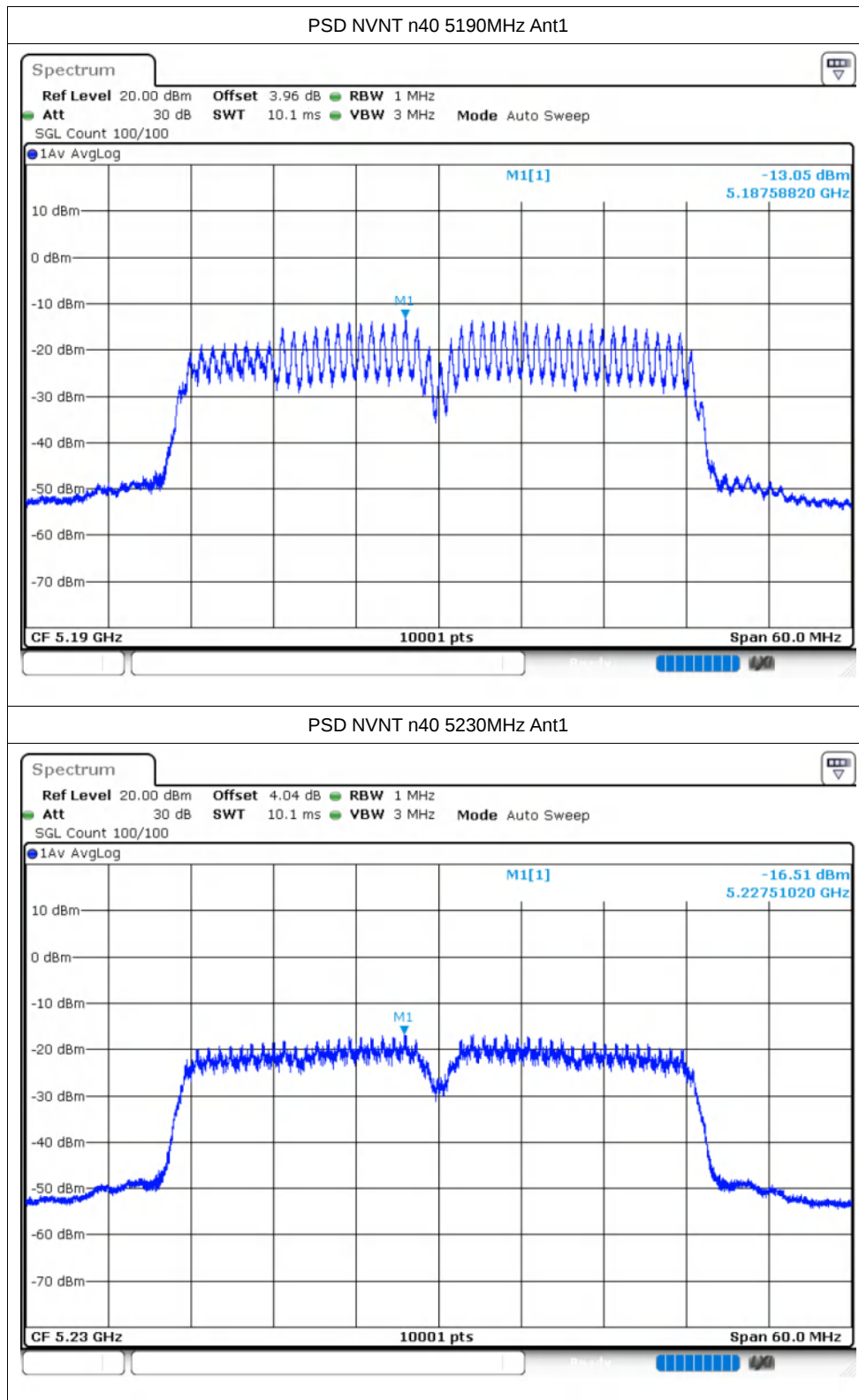
PSD NVNT a 5240MHz Ant2

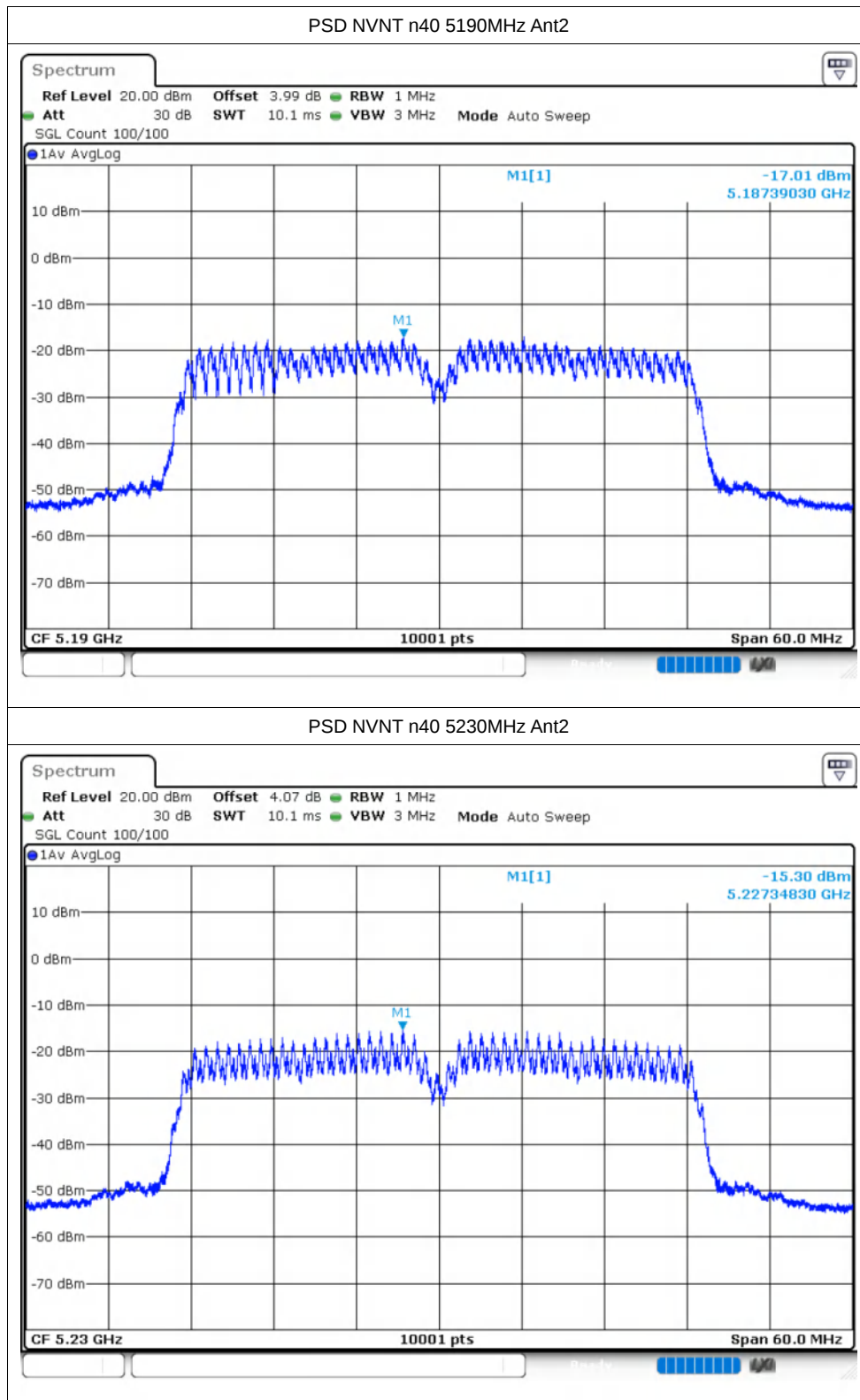


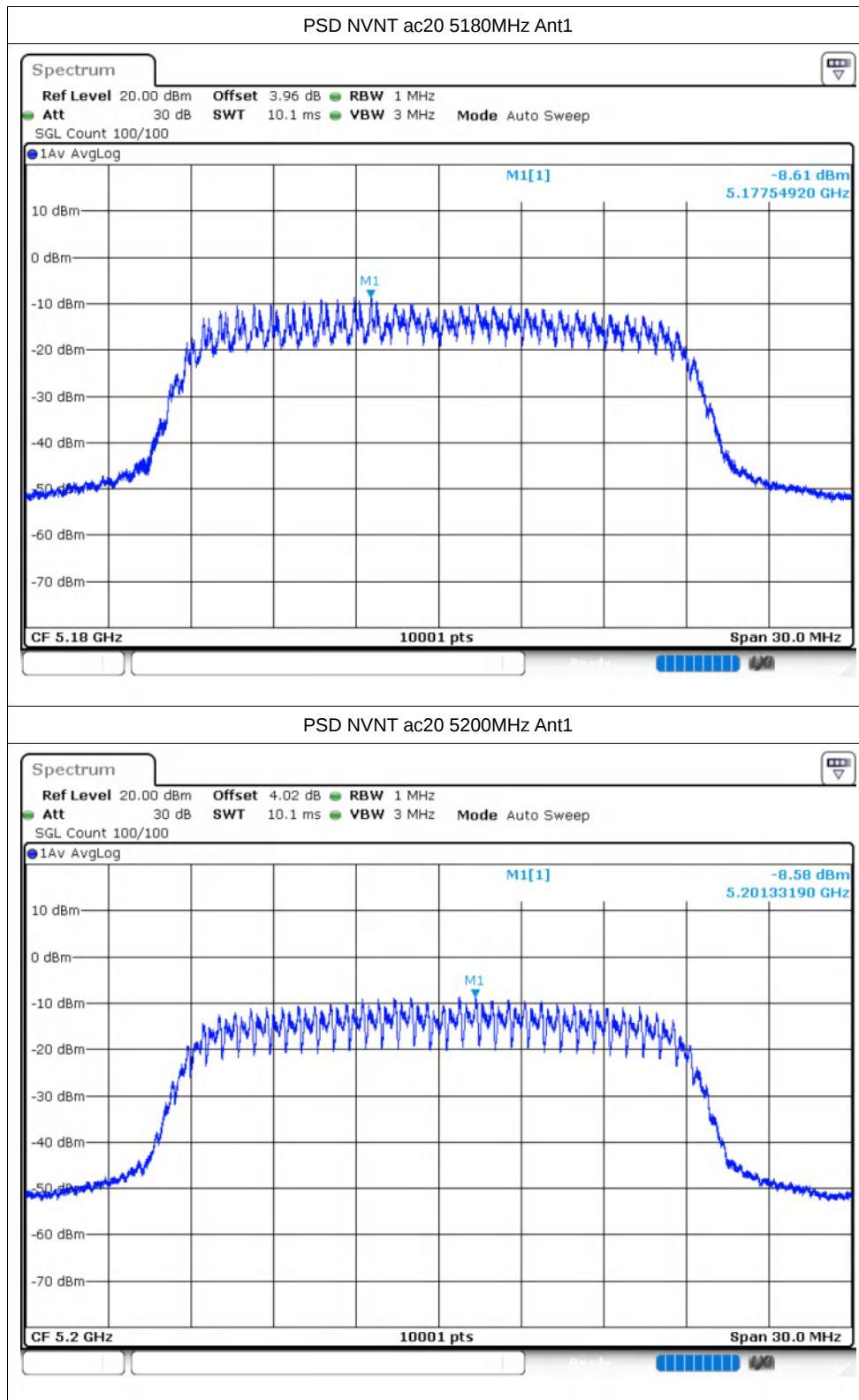


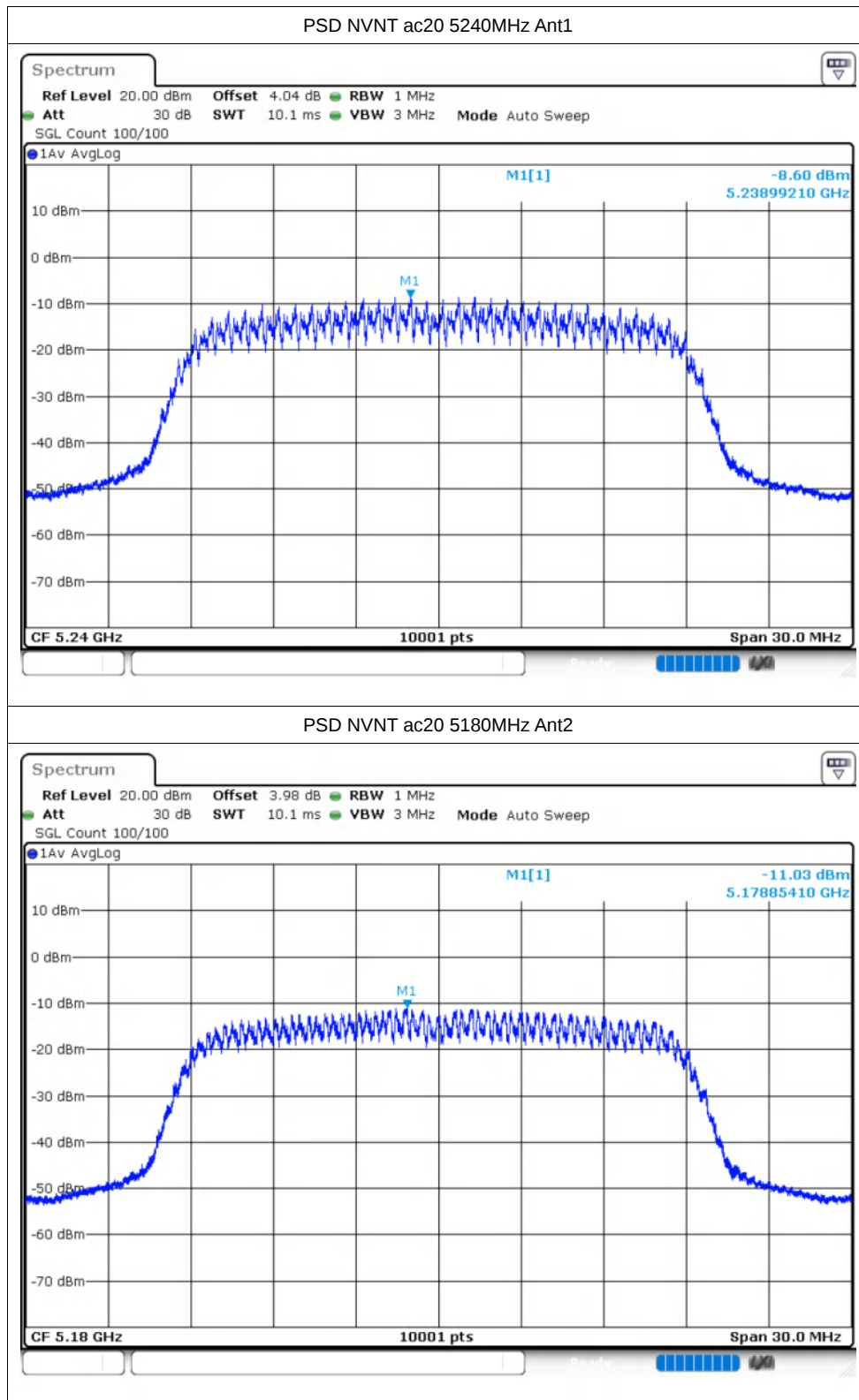


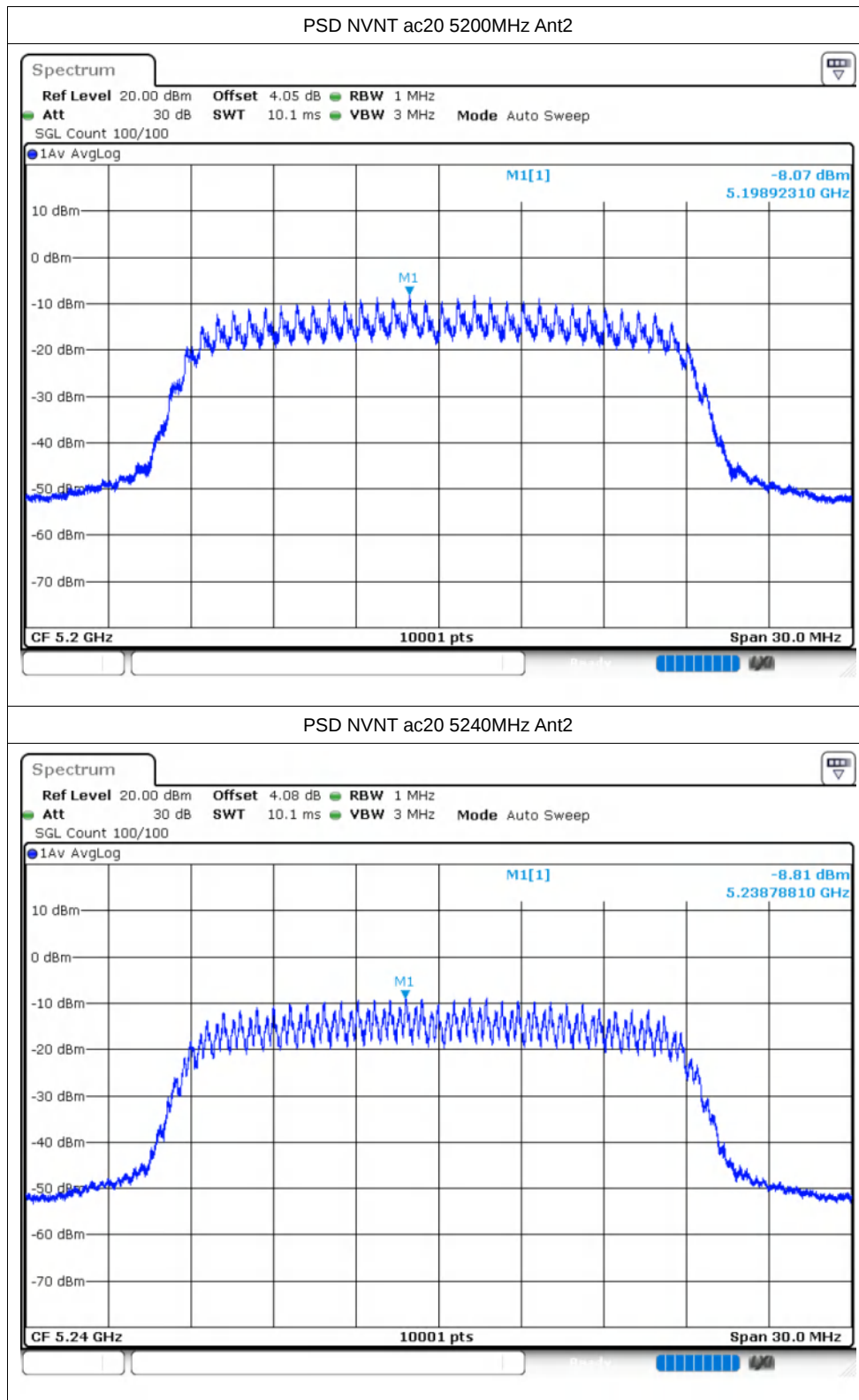




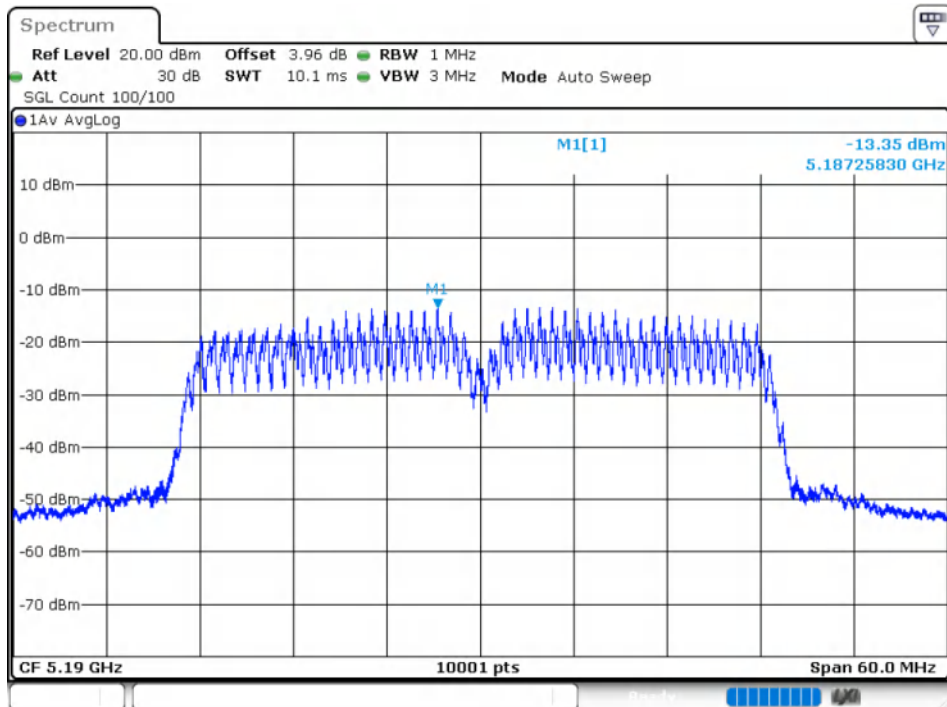








PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1

