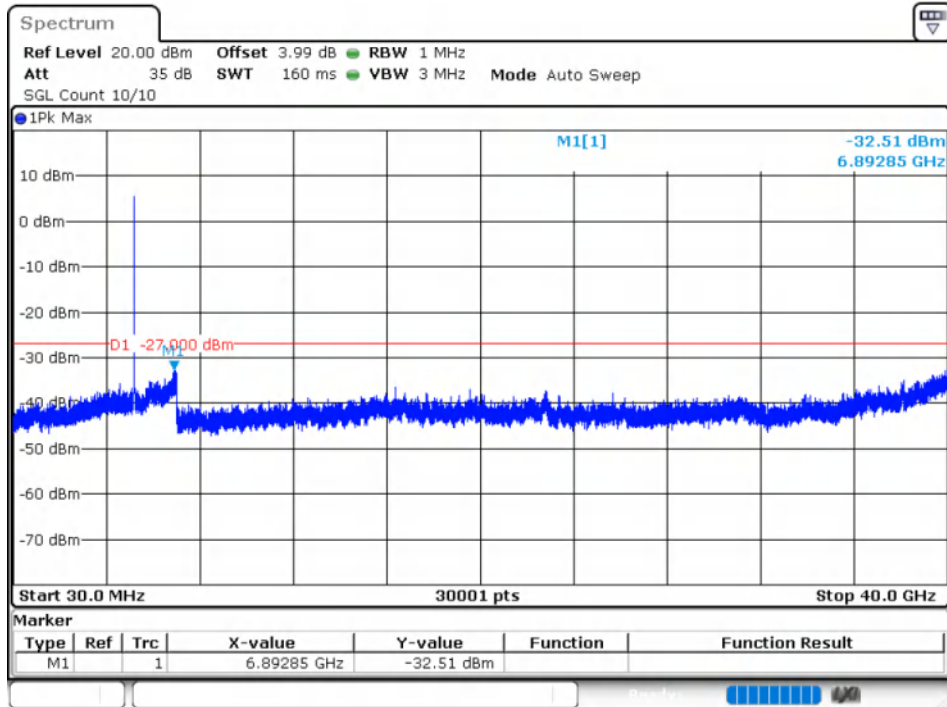
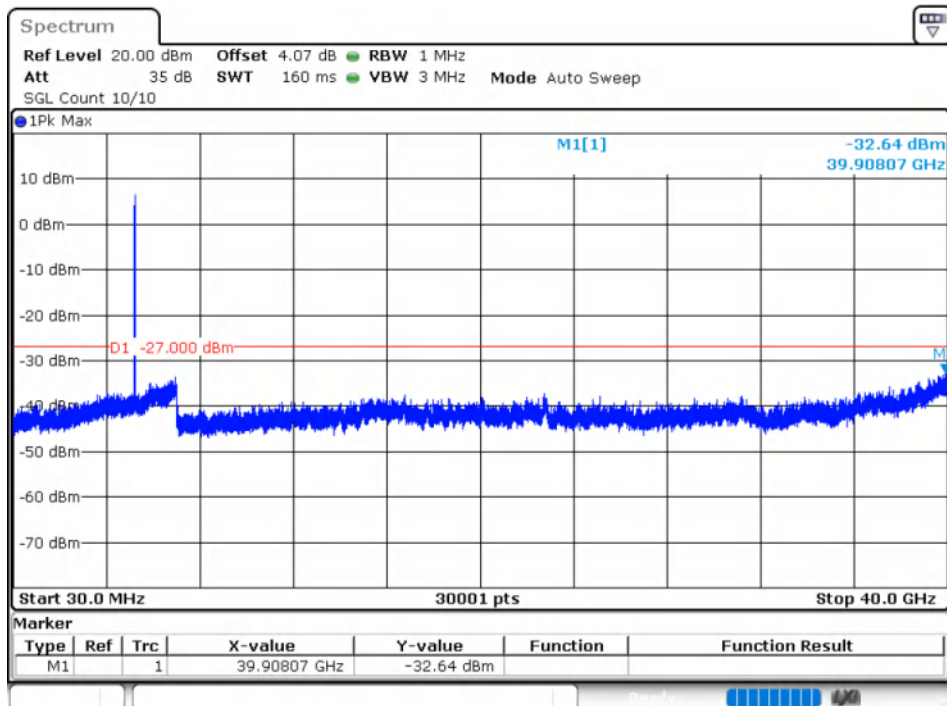


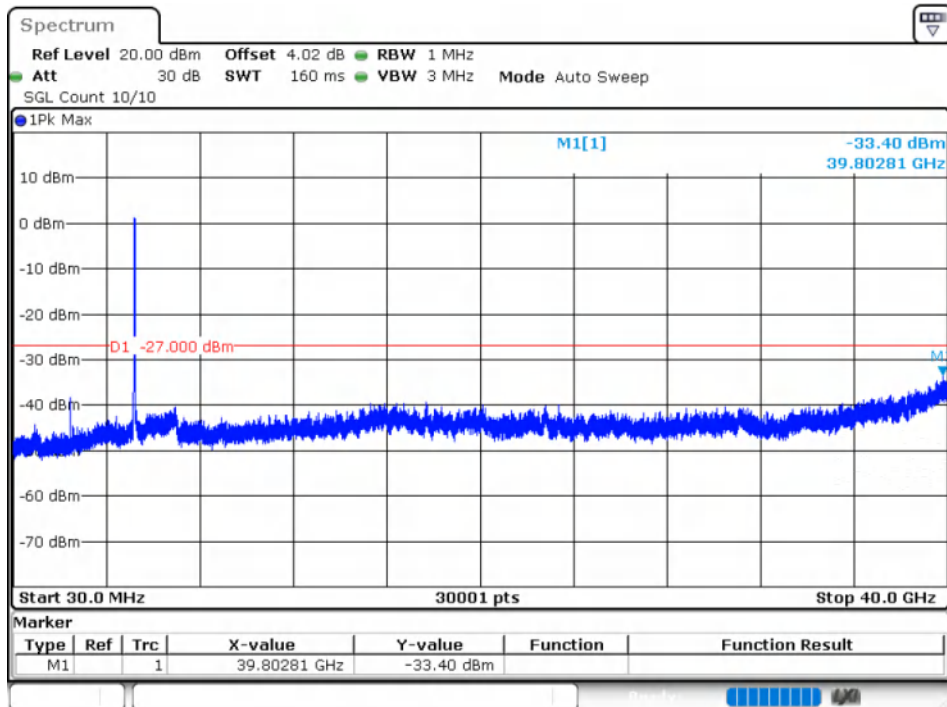
Tx. Spurious NVNT ax40 5190MHz Ant2 Emission



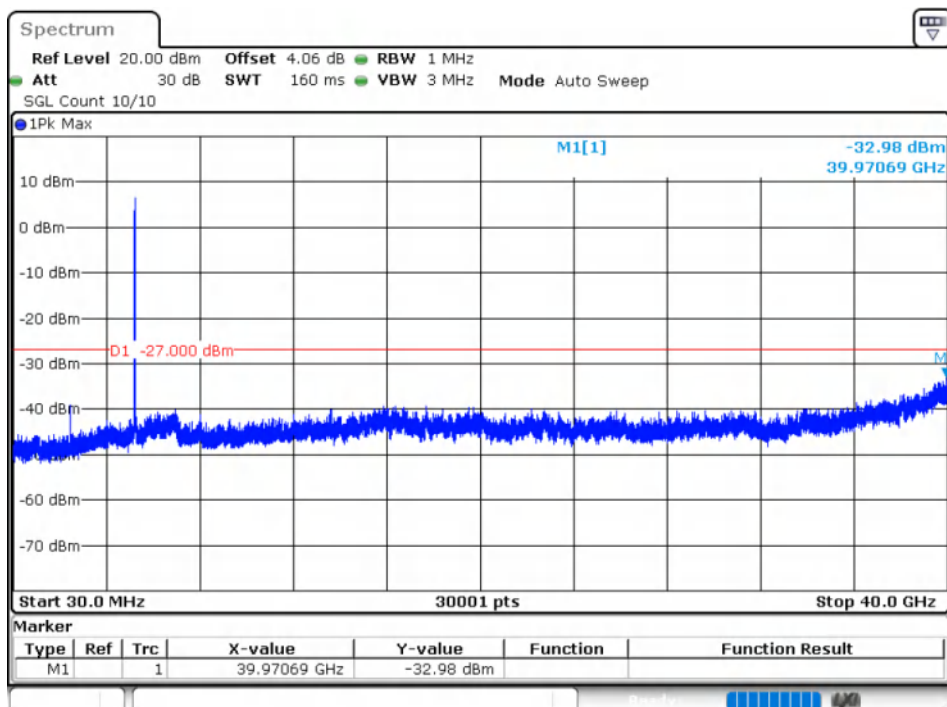
Tx. Spurious NVNT ax40 5230MHz Ant2 Emission



Tx. Spurious NVNT ax80 5210MHz Ant1 Emission



Tx. Spurious NVNT ax80 5210MHz Ant2 Emission



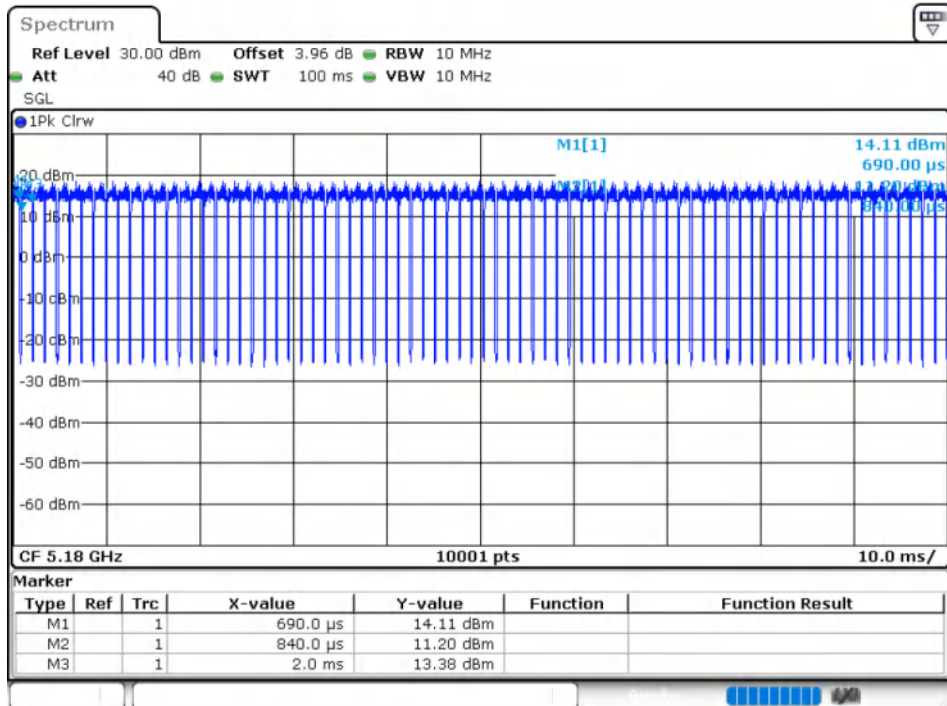
5.2G WIFI-MIMO

Duty Cycle

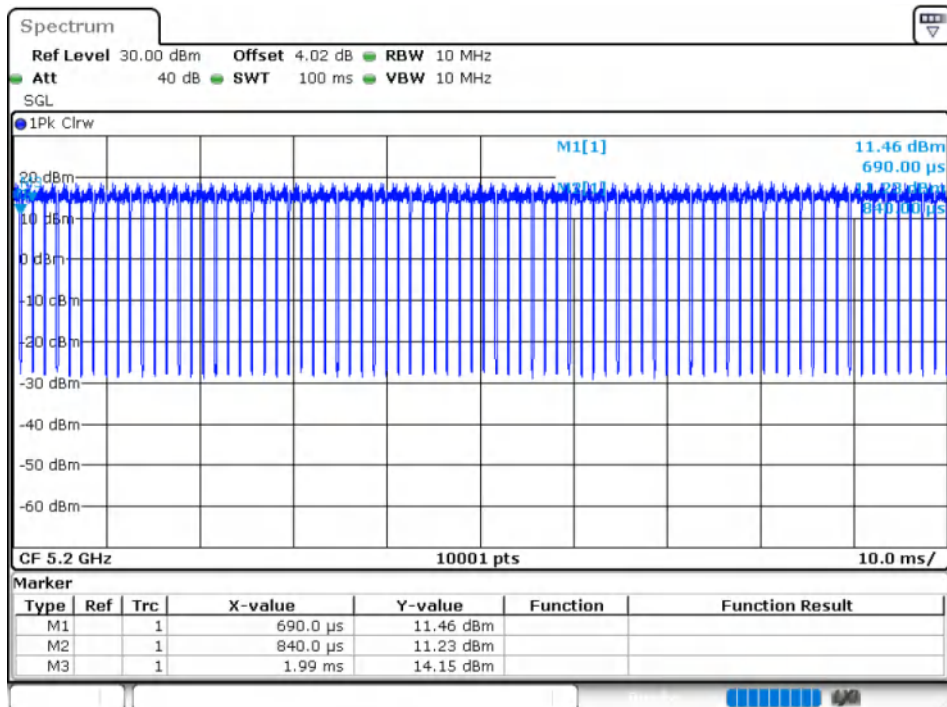
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5180	Sum	89.02	0.51	0.86
NVNT	ac20	5200	Sum	89.02	0.51	0.87
NVNT	ac20	5240	Sum	89.12	0.5	0.87
NVNT	ac40	5190	Sum	80.49	0.94	1.75
NVNT	ac40	5230	Sum	80.44	0.95	1.75
NVNT	ac80	5210	Sum	67.7	1.69	3.45
NVNT	ax20	5180	Sum	87.47	0.58	1.02
NVNT	ax20	5200	Sum	87.91	0.56	1.02
NVNT	ax20	5240	Sum	88.02	0.55	1.01
NVNT	ax40	5190	Sum	79.69	0.99	1.92
NVNT	ax40	5230	Sum	79.63	0.99	∞
NVNT	ax80	5210	Sum	68.37	1.65	3.57
NVNT	n20	5180	Sum	89.08	0.5	0.87
NVNT	n20	5200	Sum	89.05	0.5	0.87
NVNT	n20	5240	Sum	89.01	0.51	0.87
NVNT	n40	5190	Sum	80.36	0.95	1.75
NVNT	n40	5230	Sum	80.3	0.95	1.75

Test Graphs

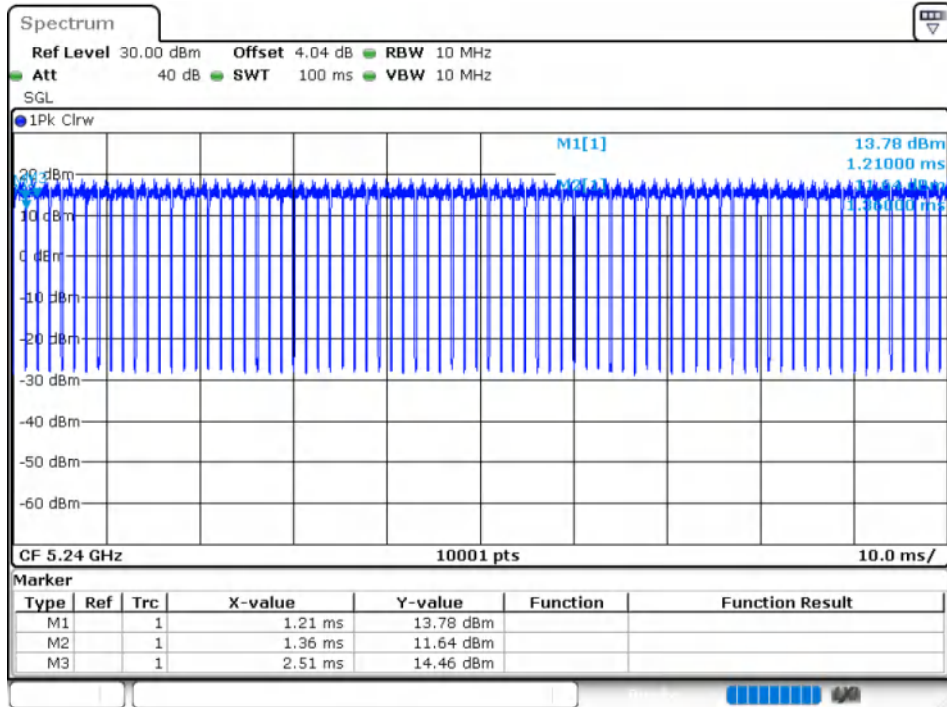
Duty Cycle NVNT ac20 5180MHz Sum



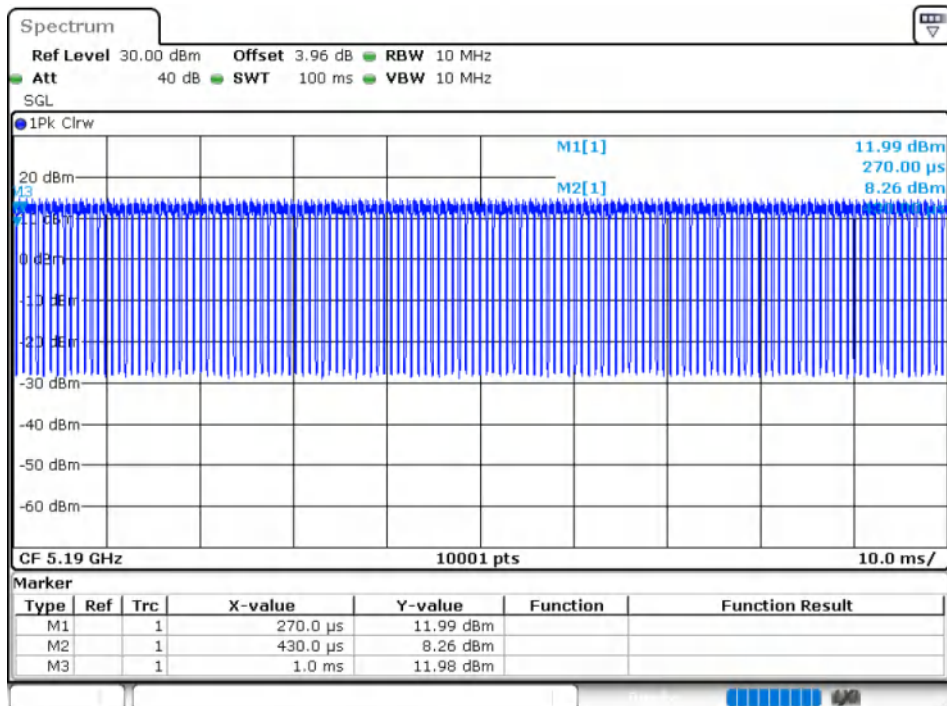
Duty Cycle NVNT ac20 5200MHz Sum



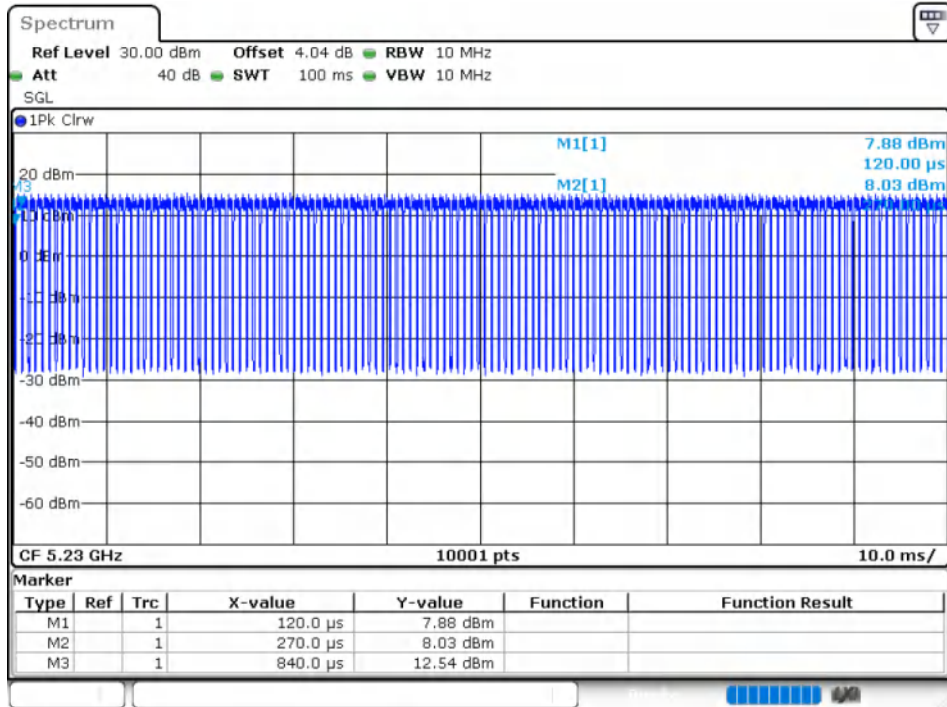
Duty Cycle NVNT ac20 5240MHz Sum



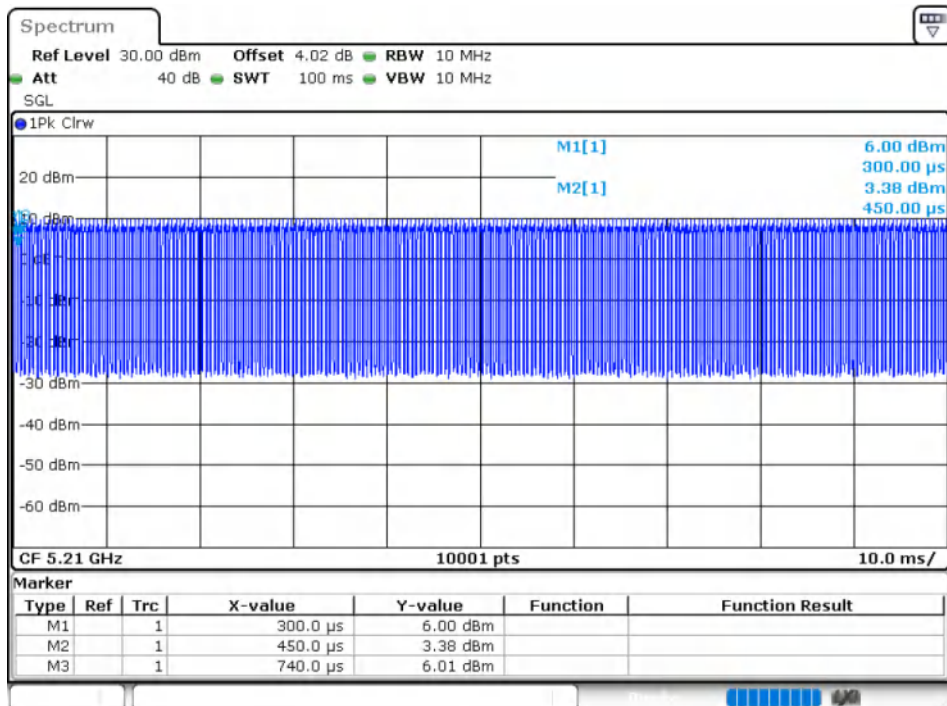
Duty Cycle NVNT ac40 5190MHz Sum



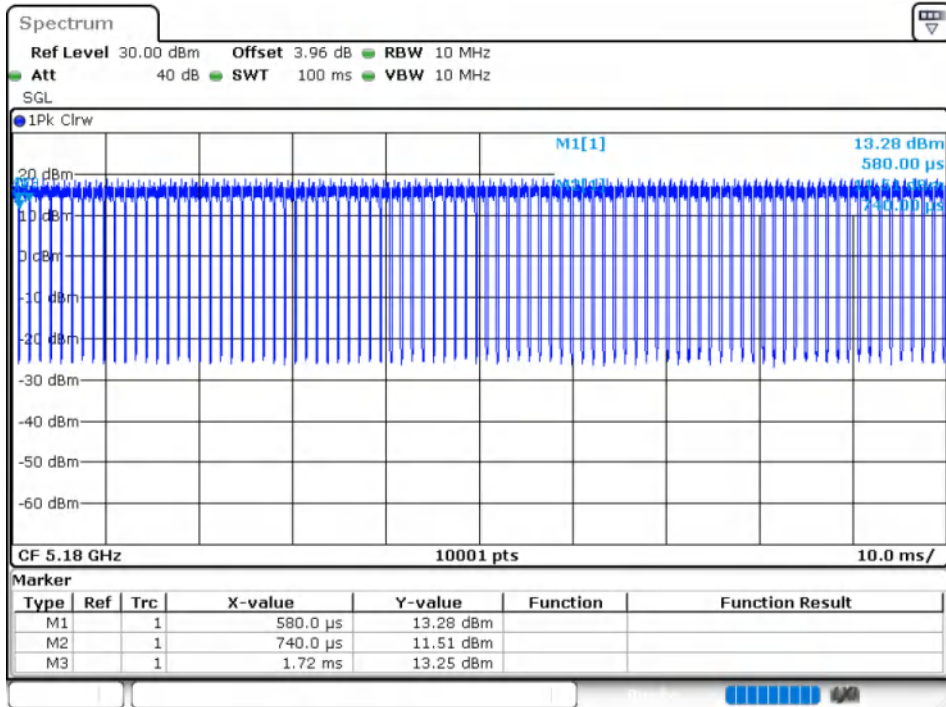
Duty Cycle NVNT ac40 5230MHz Sum



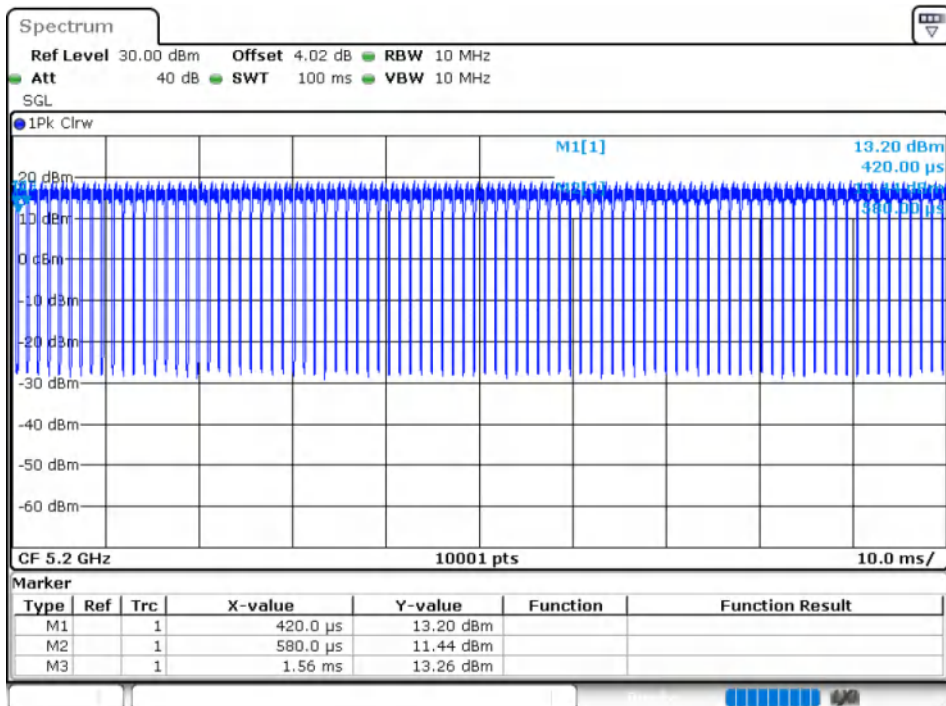
Duty Cycle NVNT ac80 5210MHz Sum



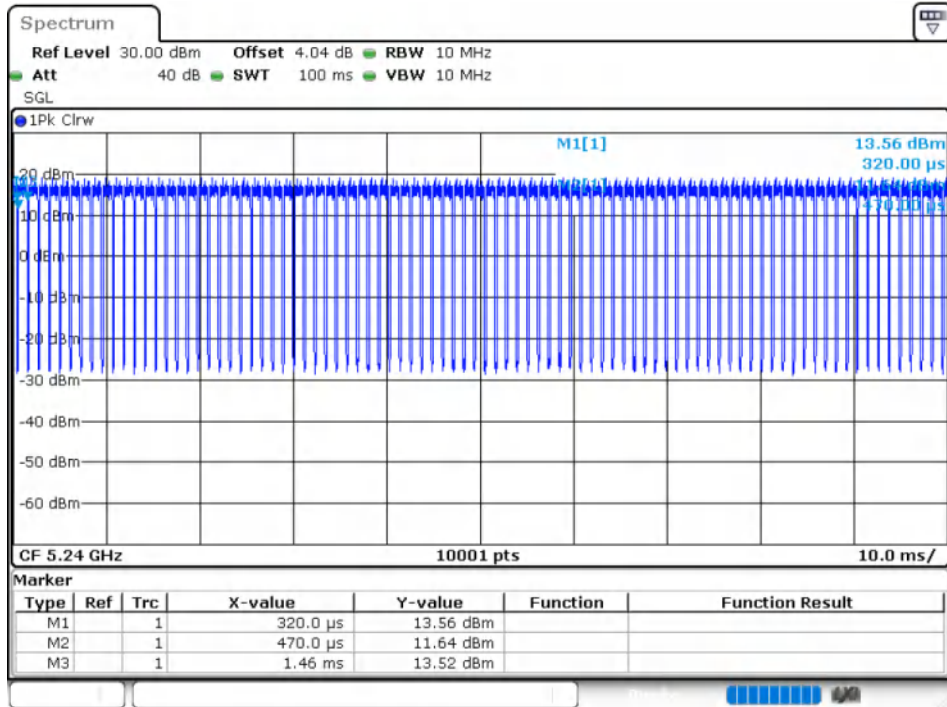
Duty Cycle NVNT ax20 5180MHz Sum



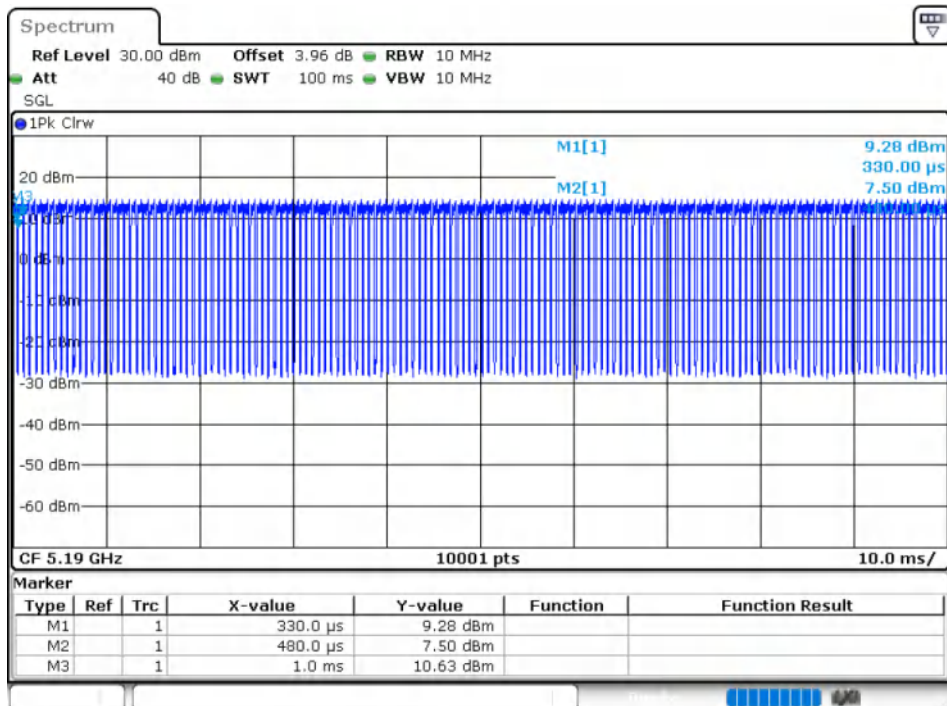
Duty Cycle NVNT ax20 5200MHz Sum



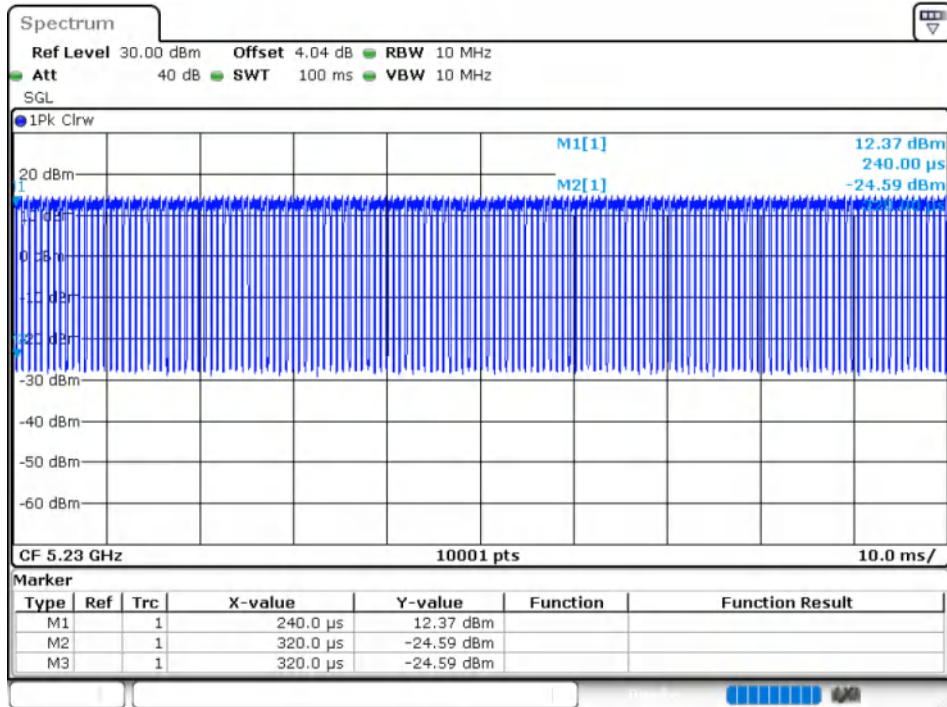
Duty Cycle NVNT ax20 5240MHz Sum



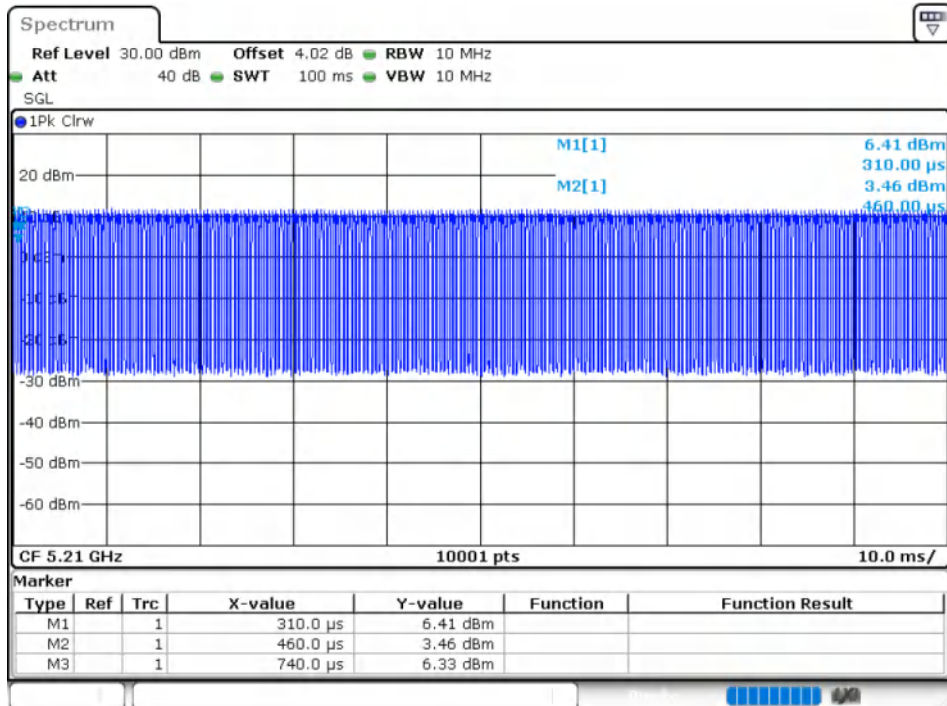
Duty Cycle NVNT ax40 5190MHz Sum

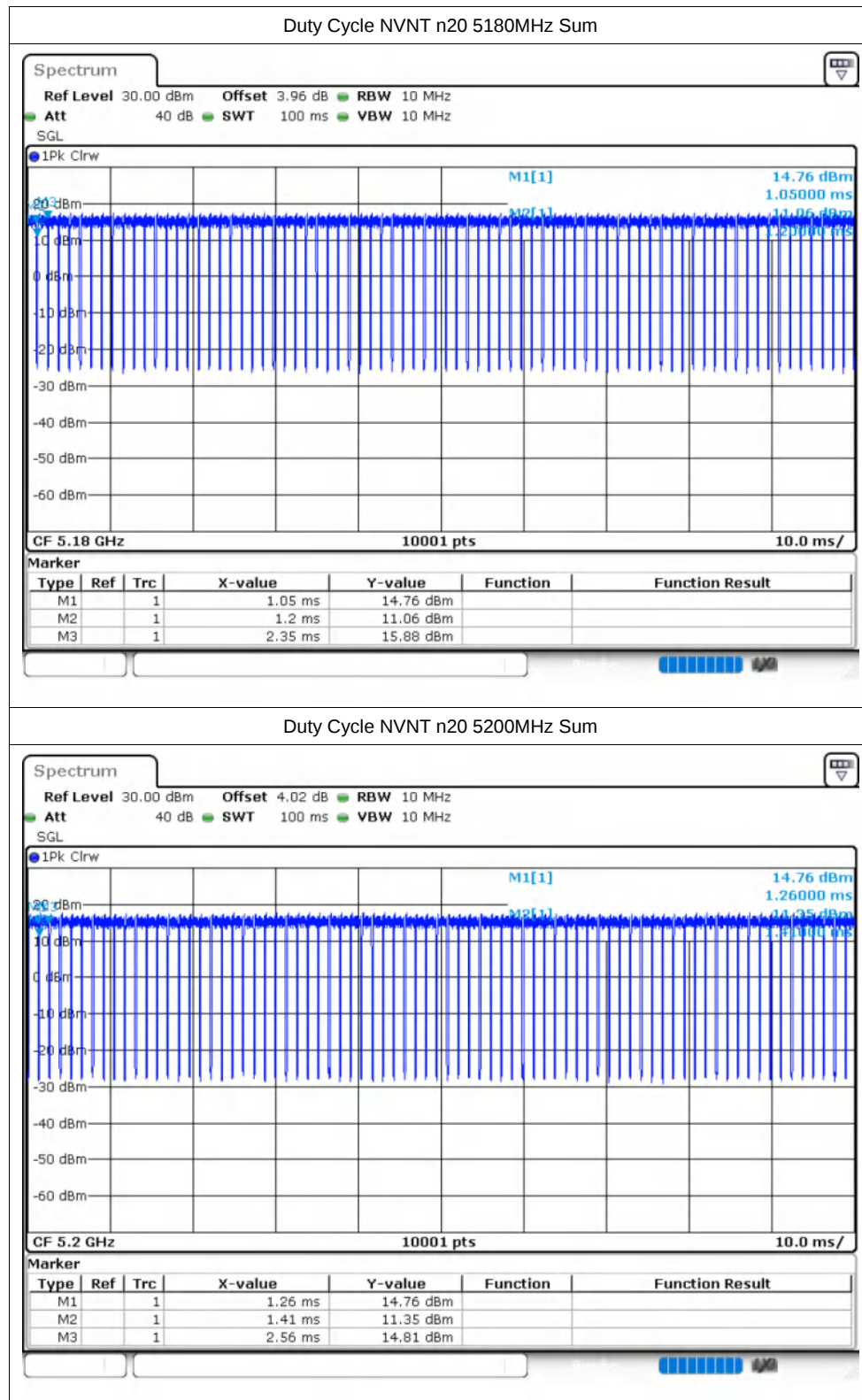


Duty Cycle NVNT ax40 5230MHz Sum

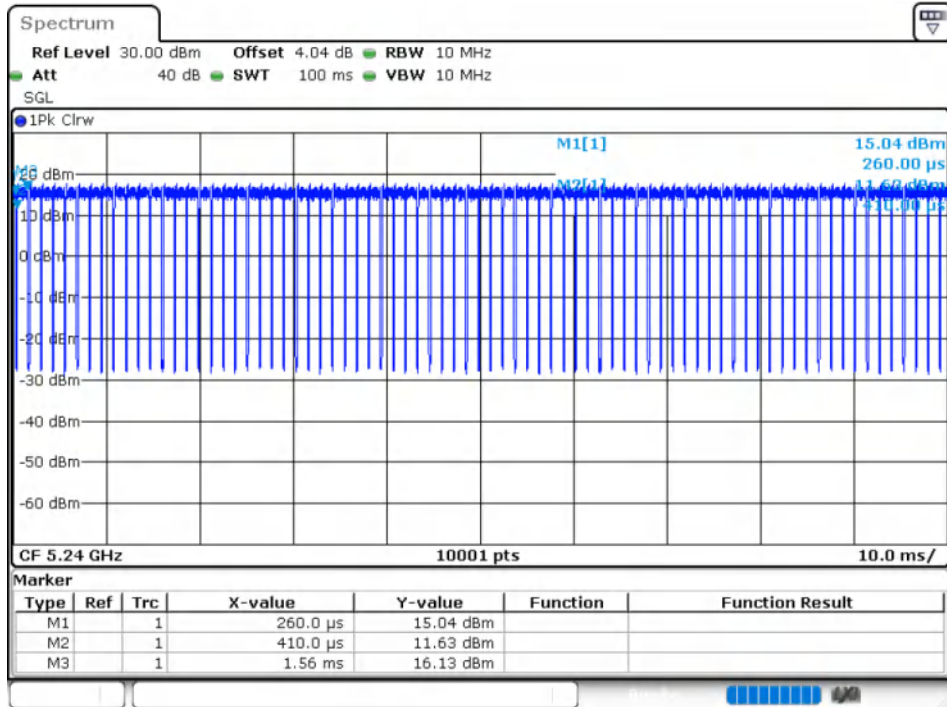


Duty Cycle NVNT ax80 5210MHz Sum

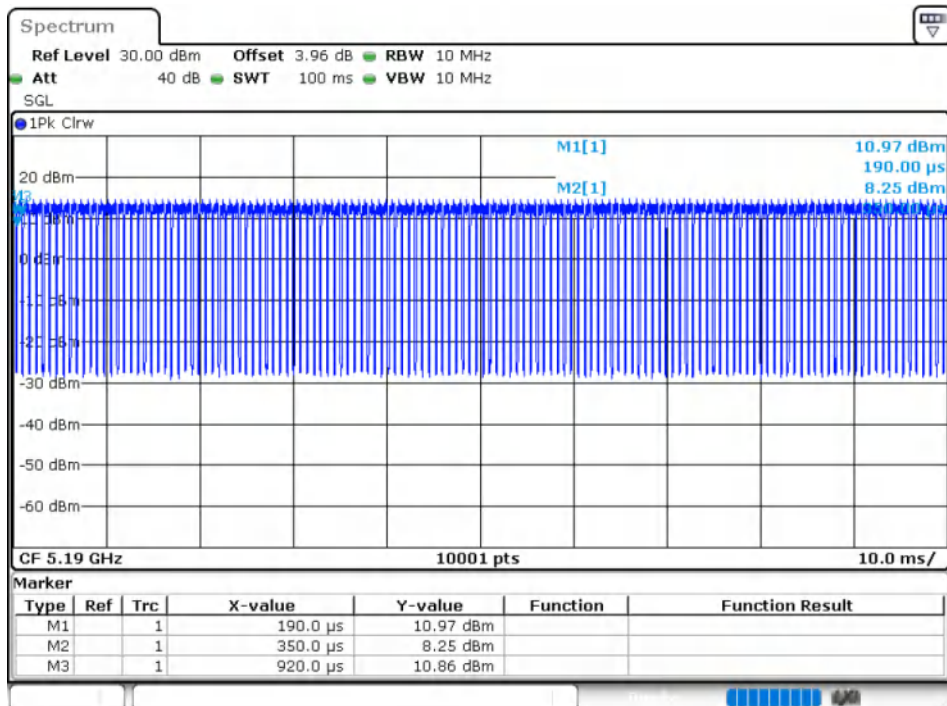


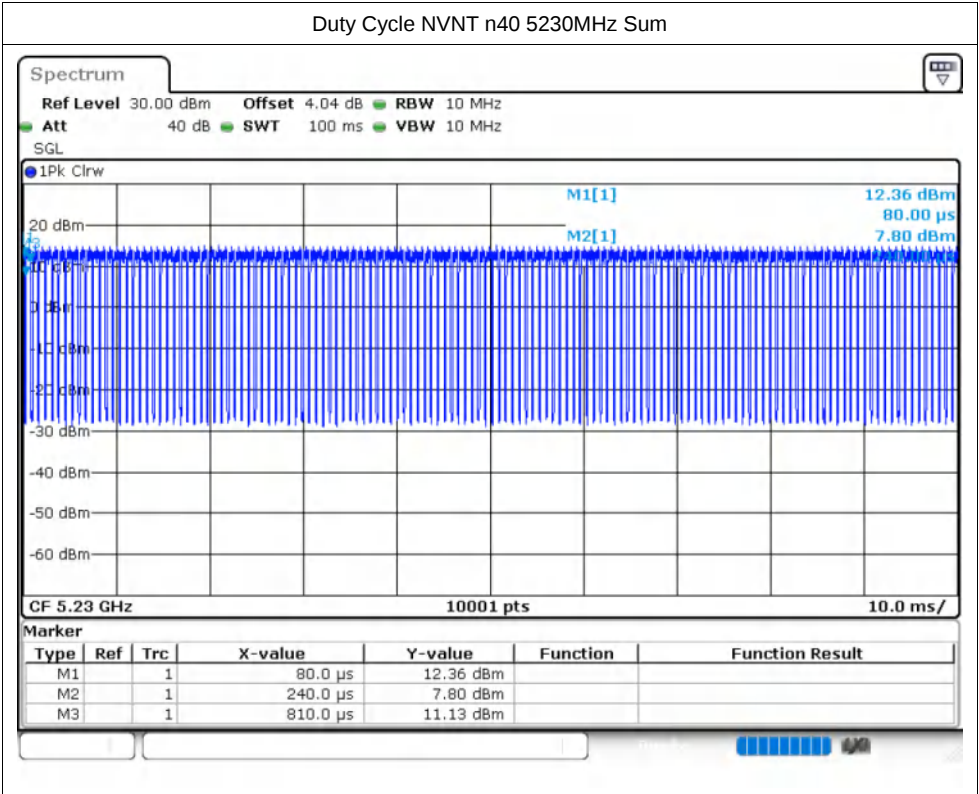


Duty Cycle NVNT n20 5240MHz Sum



Duty Cycle NVNT n40 5190MHz Sum





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	10.92	23.58	Pass
NVNT	ac20	5180	Ant2	11.98	23.58	Pass
NVNT	ac20	5180	Sum	14.49	23.58	Pass
NVNT	ac20	5200	Ant1	11.14	23.58	Pass
NVNT	ac20	5200	Ant2	12	23.58	Pass
NVNT	ac20	5200	Sum	14.6	23.58	Pass
NVNT	ac20	5240	Ant1	11.41	23.58	Pass
NVNT	ac20	5240	Ant2	12.12	23.58	Pass
NVNT	ac20	5240	Sum	14.79	23.58	Pass
NVNT	ac40	5190	Ant1	10.65	23.58	Pass
NVNT	ac40	5190	Ant2	11.91	23.58	Pass
NVNT	ac40	5190	Sum	14.34	23.58	Pass
NVNT	ac40	5230	Ant1	11.38	23.58	Pass
NVNT	ac40	5230	Ant2	12.18	23.58	Pass
NVNT	ac40	5230	Sum	14.81	23.58	Pass
NVNT	ac80	5210	Ant1	11.39	23.58	Pass
NVNT	ac80	5210	Ant2	11.82	23.58	Pass
NVNT	ac80	5210	Sum	14.62	23.58	Pass
NVNT	ax20	5180	Ant1	11.14	23.58	Pass
NVNT	ax20	5180	Ant2	12.05	23.58	Pass
NVNT	ax20	5180	Sum	14.63	23.58	Pass
NVNT	ax20	5200	Ant1	11.25	23.58	Pass
NVNT	ax20	5200	Ant2	11.98	23.58	Pass
NVNT	ax20	5200	Sum	14.64	23.58	Pass
NVNT	ax20	5240	Ant1	11.7	23.58	Pass
NVNT	ax20	5240	Ant2	11.97	23.58	Pass
NVNT	ax20	5240	Sum	14.85	23.58	Pass
NVNT	ax40	5190	Ant1	11.05	23.58	Pass
NVNT	ax40	5190	Ant2	12.04	23.58	Pass
NVNT	ax40	5190	Sum	14.58	23.58	Pass
NVNT	ax40	5230	Ant1	11.59	23.58	Pass
NVNT	ax40	5230	Ant2	12.12	23.58	Pass
NVNT	ax40	5230	Sum	14.87	23.58	Pass
NVNT	ax80	5210	Ant1	11.41	23.58	Pass
NVNT	ax80	5210	Ant2	12.1	23.58	Pass
NVNT	ax80	5210	Sum	14.78	23.58	Pass
NVNT	n20	5180	Ant1	10.9	23.58	Pass
NVNT	n20	5180	Ant2	11.87	23.58	Pass
NVNT	n20	5180	Sum	14.42	23.58	Pass
NVNT	n20	5200	Ant1	11.29	23.58	Pass

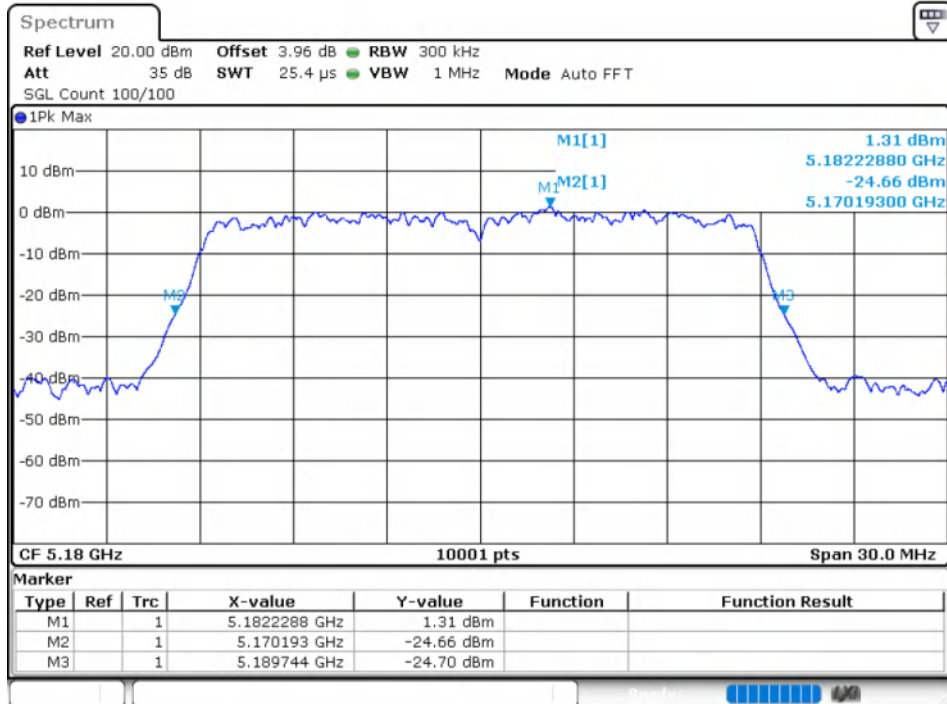
NVNT	n20	5200	Ant2	12	23.58	Pass
NVNT	n20	5200	Sum	14.67	23.58	Pass
NVNT	n20	5240	Ant1	11.54	23.58	Pass
NVNT	n20	5240	Ant2	12.09	23.58	Pass
NVNT	n20	5240	Sum	14.83	23.58	Pass
NVNT	n40	5190	Ant1	10.9	23.58	Pass
NVNT	n40	5190	Ant2	11.91	23.58	Pass
NVNT	n40	5190	Sum	14.44	23.58	Pass
NVNT	n40	5230	Ant1	11.47	23.58	Pass
NVNT	n40	5230	Ant2	12.06	23.58	Pass
NVNT	n40	5230	Sum	14.79	23.58	Pass

-26dB Bandwidth

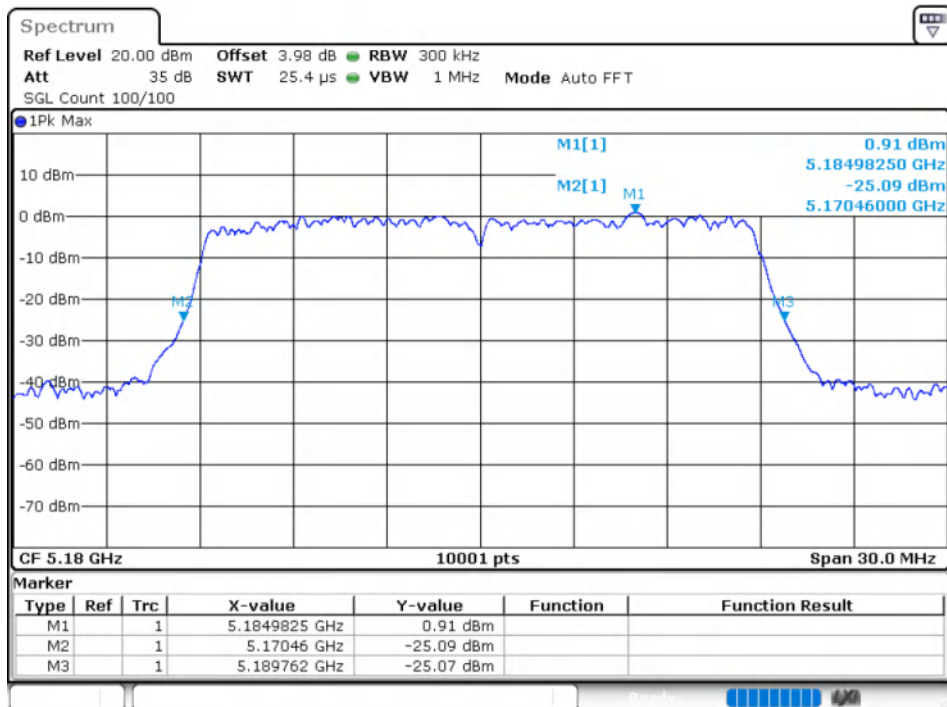
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	ac20	5180	Ant1	19.551	0.5	Pass
NVNT	ac20	5180	Ant2	19.302	0.5	Pass
NVNT	ac20	5200	Ant1	19.437	0.5	Pass
NVNT	ac20	5200	Ant2	19.308	0.5	Pass
NVNT	ac20	5240	Ant1	19.278	0.5	Pass
NVNT	ac20	5240	Ant2	19.188	0.5	Pass
NVNT	ac40	5190	Ant1	39	0.5	Pass
NVNT	ac40	5190	Ant2	38.958	0.5	Pass
NVNT	ac40	5230	Ant1	39.018	0.5	Pass
NVNT	ac40	5230	Ant2	38.97	0.5	Pass
NVNT	ac80	5210	Ant1	84.54	0	Pass
NVNT	ac80	5210	Ant2	86.952	0	Pass
NVNT	ax20	5180	Ant1	20.427	0.5	Pass
NVNT	ax20	5180	Ant2	20.448	0.5	Pass
NVNT	ax20	5200	Ant1	20.31	0.5	Pass
NVNT	ax20	5200	Ant2	20.148	0.5	Pass
NVNT	ax20	5240	Ant1	20.241	0.5	Pass
NVNT	ax20	5240	Ant2	20.445	0.5	Pass
NVNT	ax40	5190	Ant1	39.99	0.5	Pass
NVNT	ax40	5190	Ant2	39.888	0.5	Pass
NVNT	ax40	5230	Ant1	39.918	0.5	Pass
NVNT	ax40	5230	Ant2	39.924	0.5	Pass
NVNT	ax80	5210	Ant1	80.436	0.5	Pass
NVNT	ax80	5210	Ant2	81.288	0.5	Pass
NVNT	n20	5180	Ant1	19.485	0.5	Pass
NVNT	n20	5180	Ant2	19.602	0.5	Pass
NVNT	n20	5200	Ant1	19.611	0.5	Pass
NVNT	n20	5200	Ant2	19.329	0.5	Pass
NVNT	n20	5240	Ant1	19.647	0.5	Pass
NVNT	n20	5240	Ant2	19.437	0.5	Pass
NVNT	n40	5190	Ant1	39.072	0	Pass
NVNT	n40	5190	Ant2	39.054	0	Pass
NVNT	n40	5230	Ant1	39.234	0.5	Pass
NVNT	n40	5230	Ant2	39.162	0.5	Pass

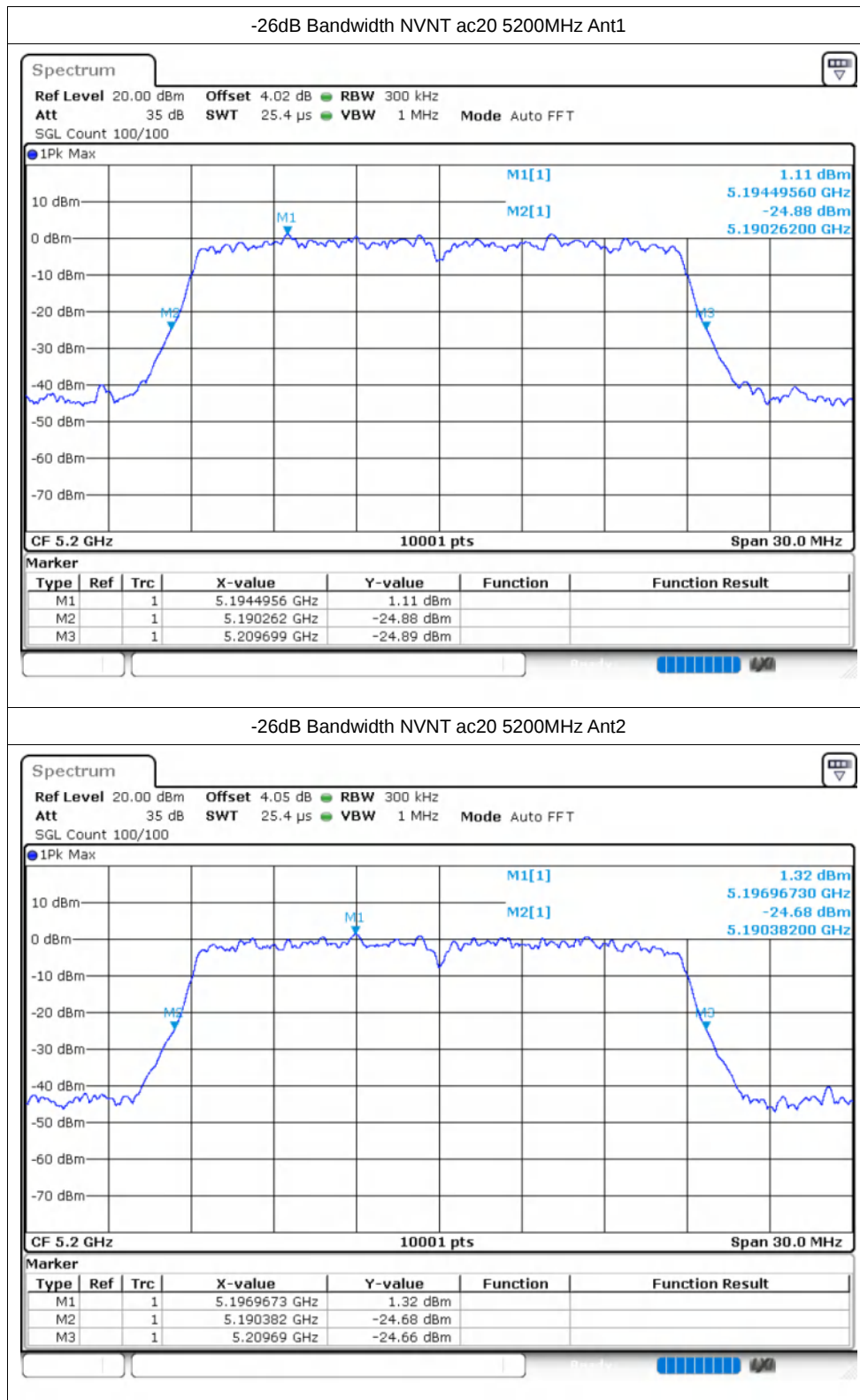
Test Graphs

-26dB Bandwidth NVNT ac20 5180MHz Ant1

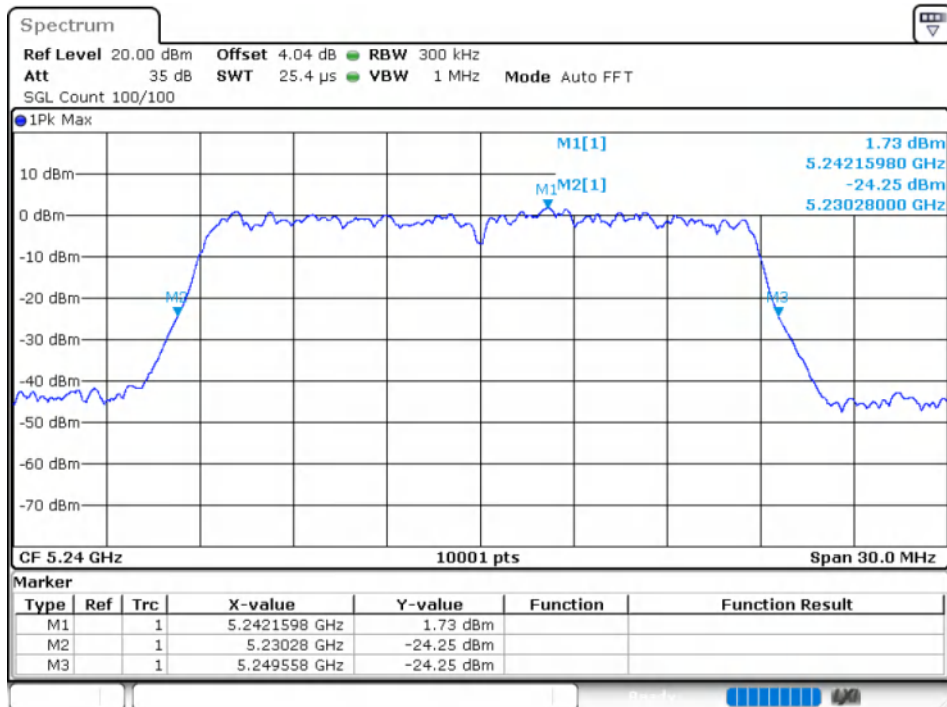


-26dB Bandwidth NVNT ac20 5180MHz Ant2

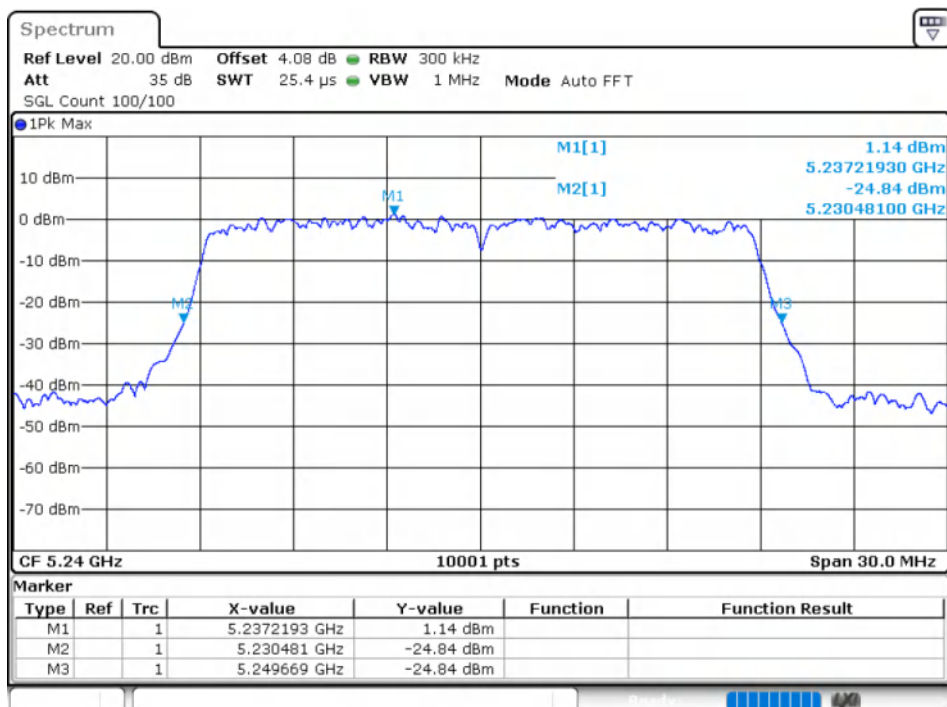




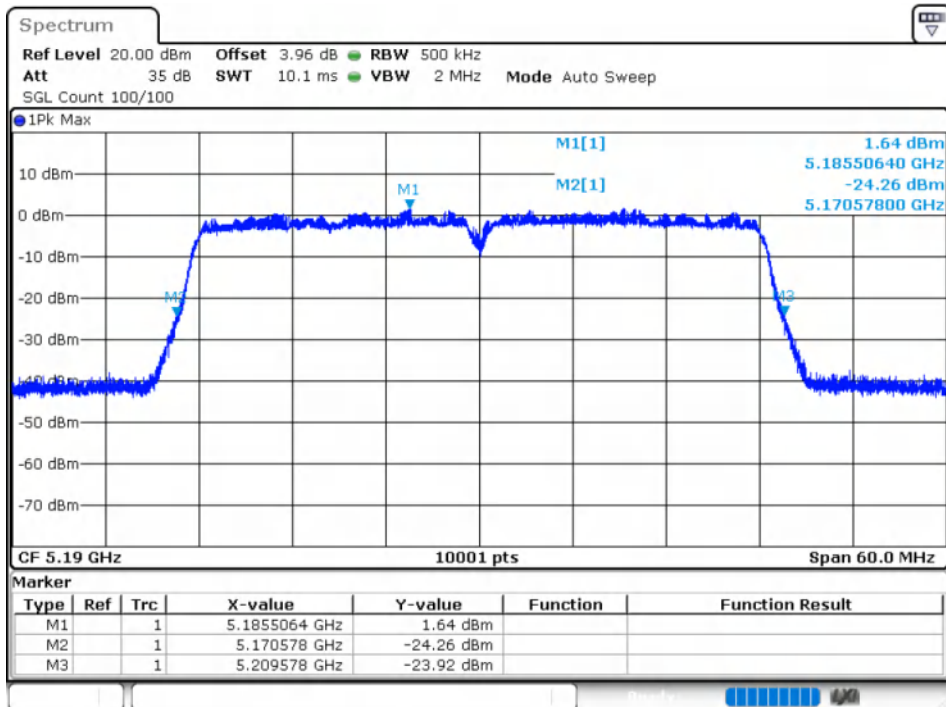
-26dB Bandwidth NVNT ac20 5240MHz Ant1



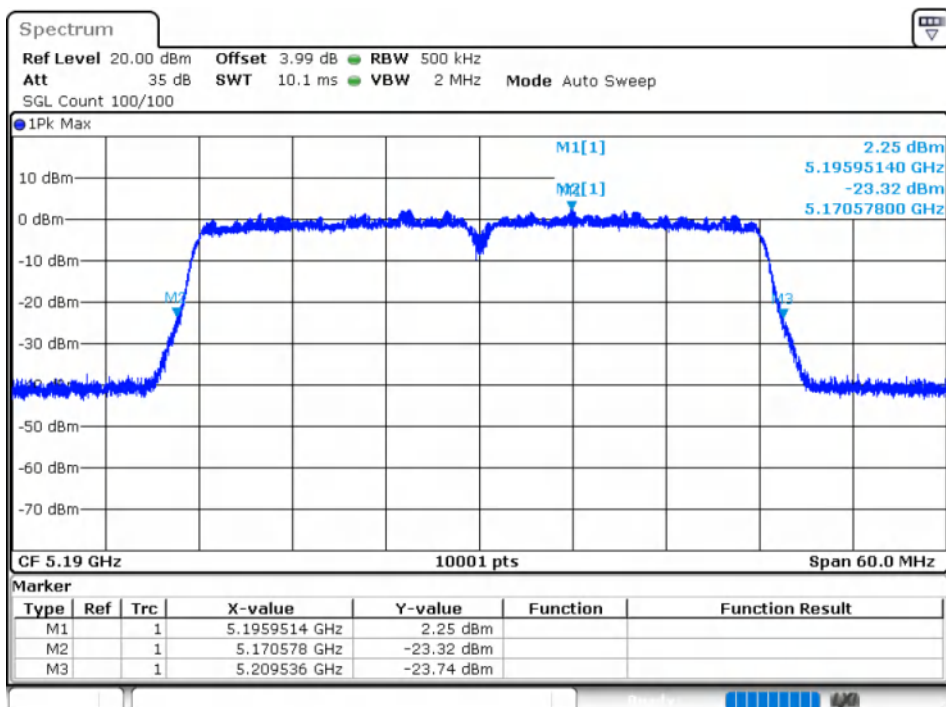
-26dB Bandwidth NVNT ac20 5240MHz Ant2



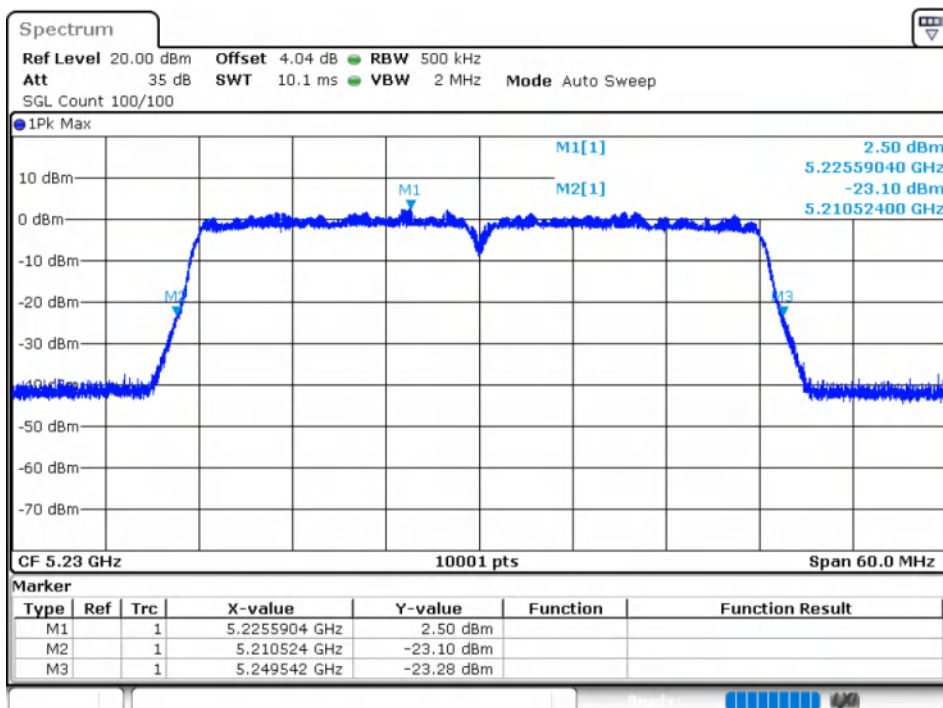
-26dB Bandwidth NVNT ac40 5190MHz Ant1



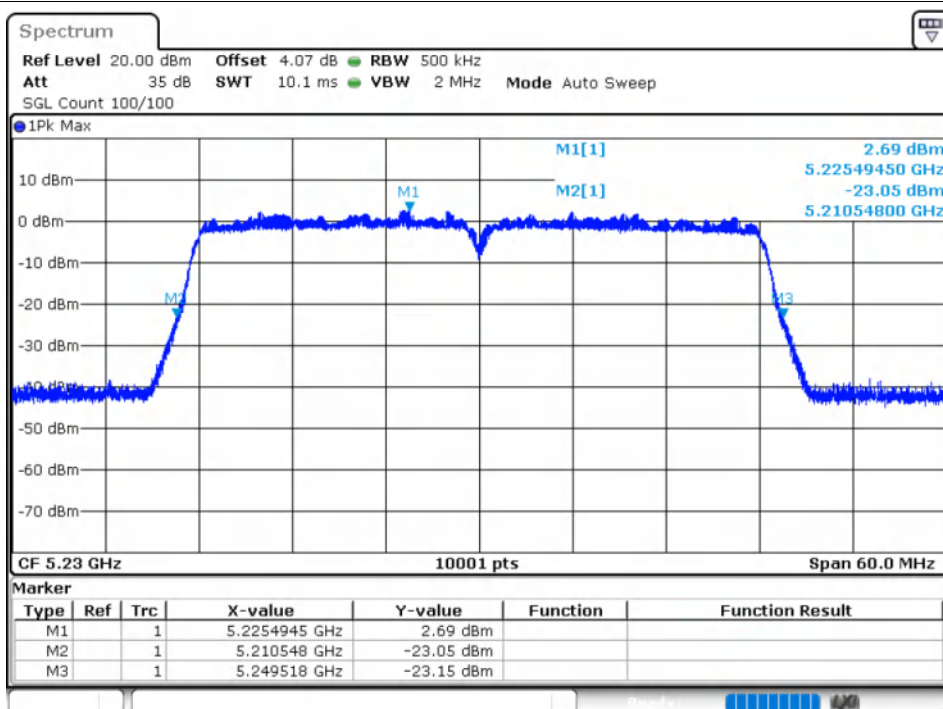
-26dB Bandwidth NVNT ac40 5190MHz Ant2



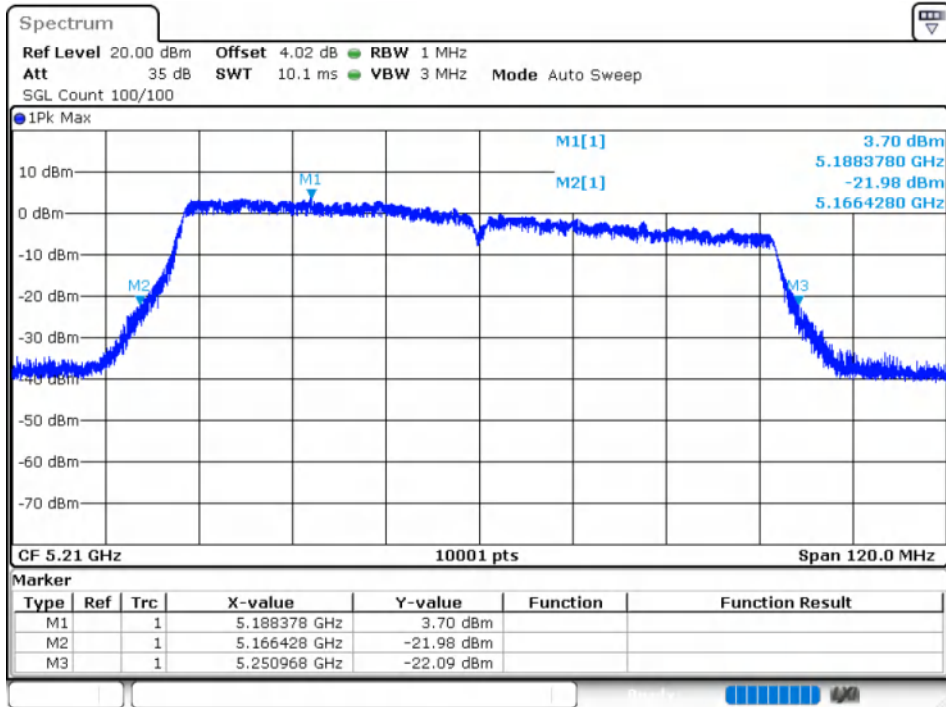
-26dB Bandwidth NVNT ac40 5230MHz Ant1



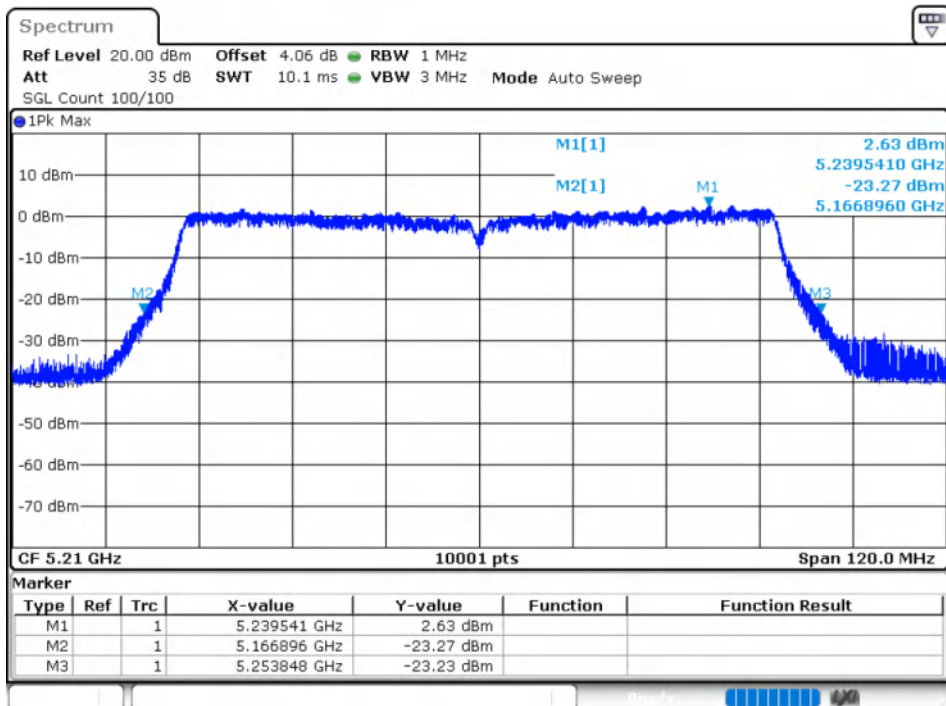
-26dB Bandwidth NVNT ac40 5230MHz Ant2



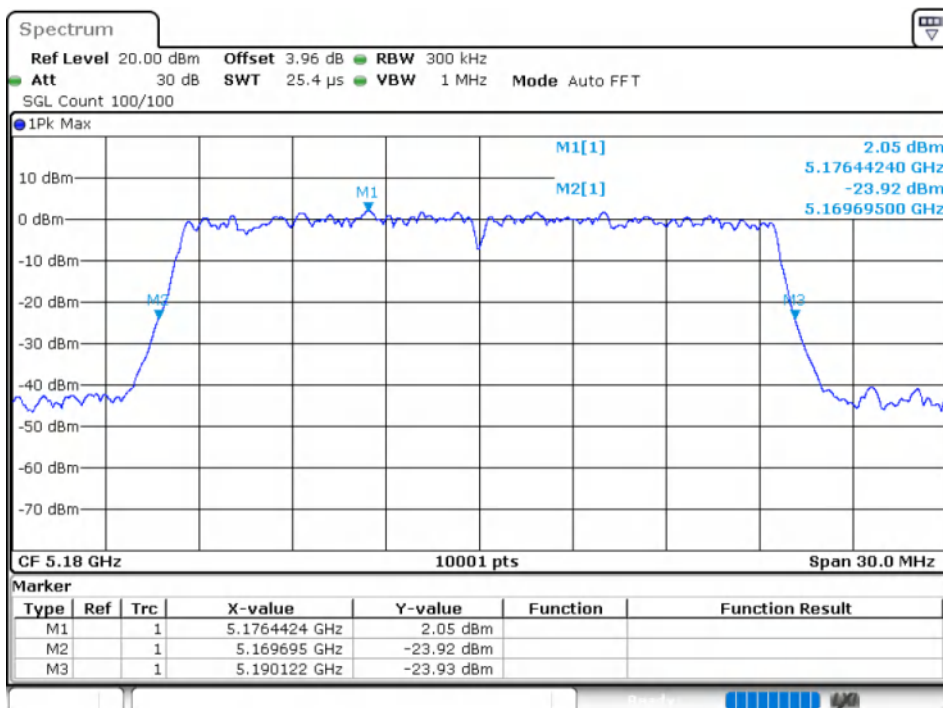
-26dB Bandwidth NVNT ac80 5210MHz Ant1



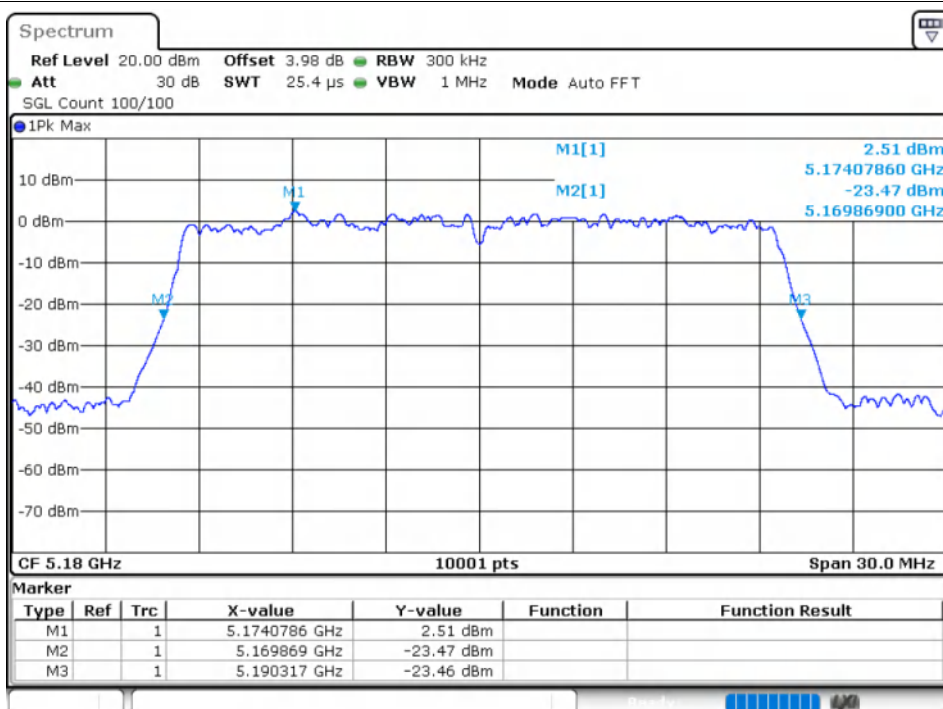
-26dB Bandwidth NVNT ac80 5210MHz Ant2



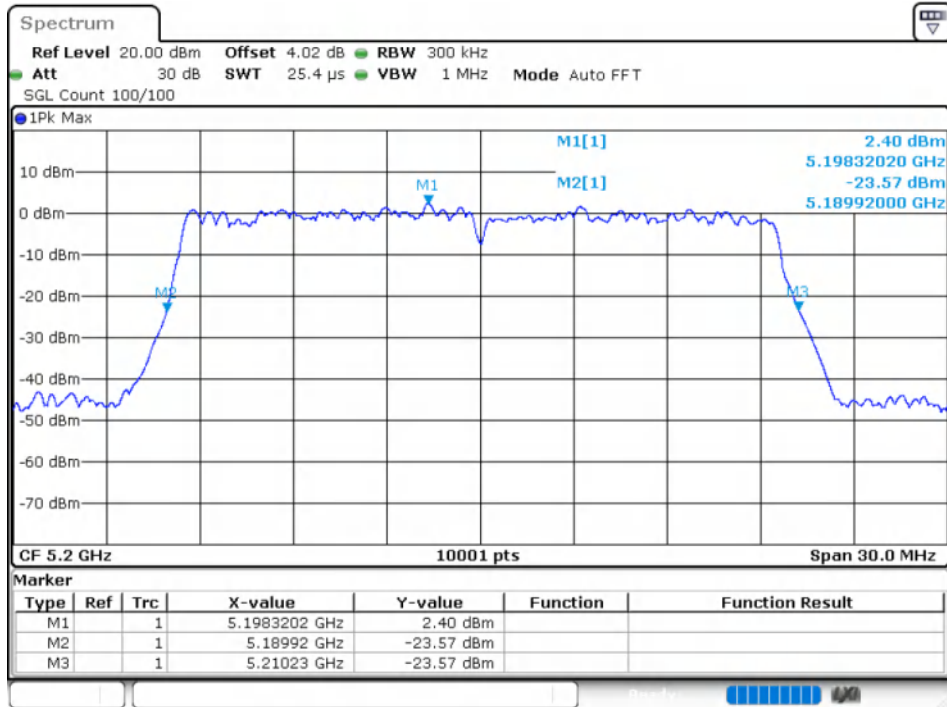
-26dB Bandwidth NVNT ax20 5180MHz Ant1



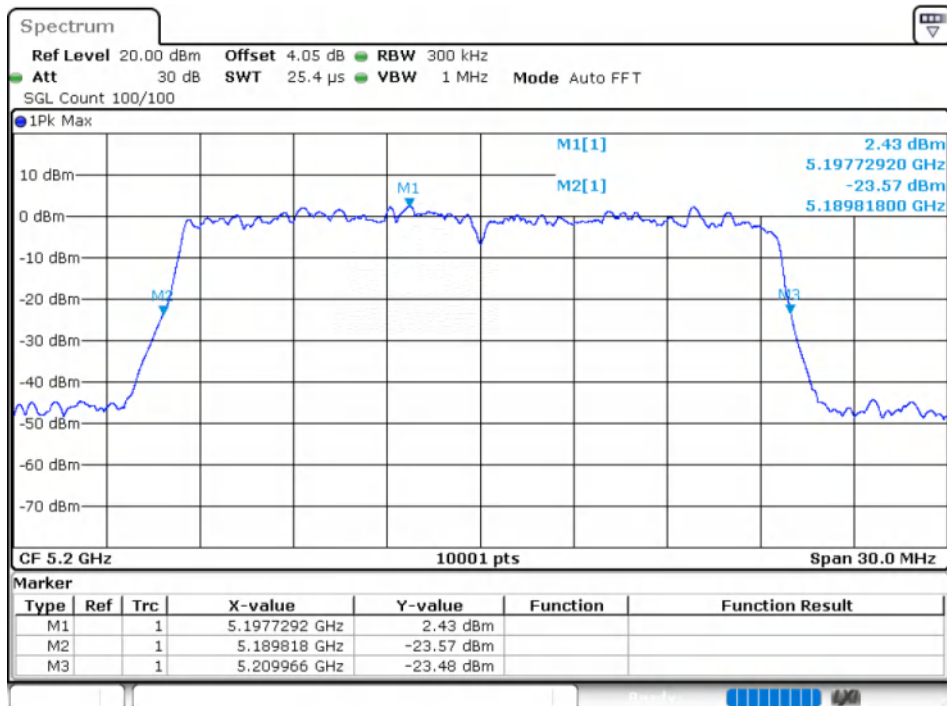
-26dB Bandwidth NVNT ax20 5180MHz Ant2



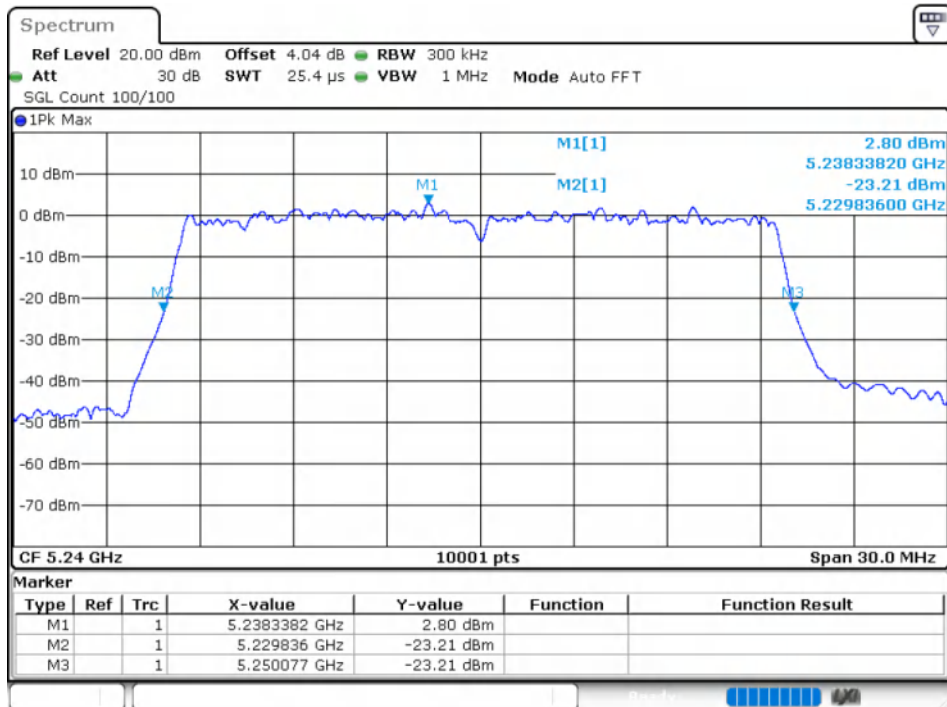
-26dB Bandwidth NVNT ax20 5200MHz Ant1



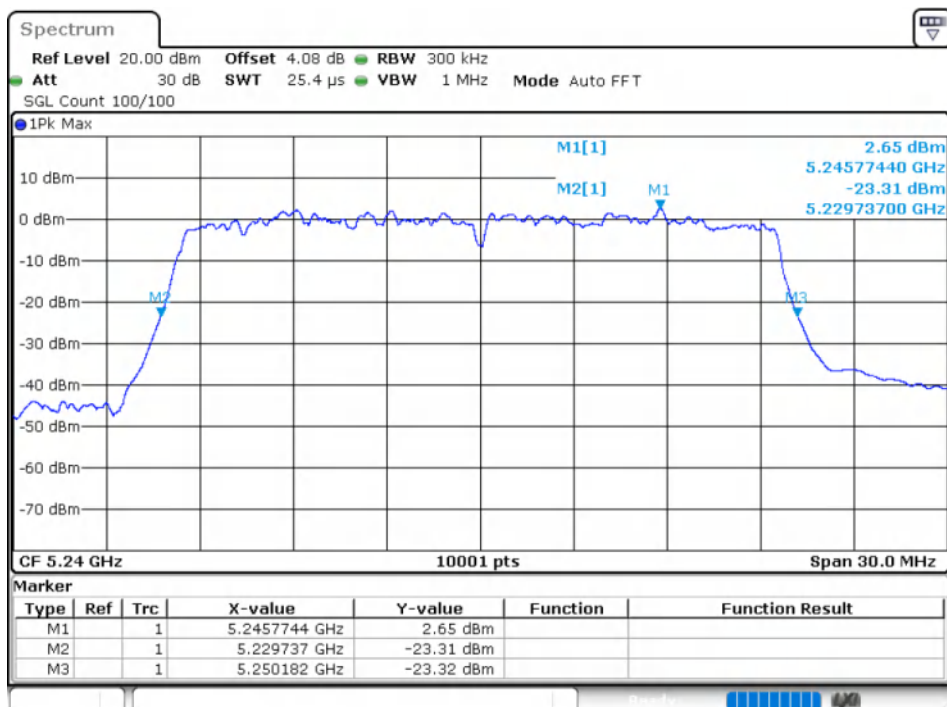
-26dB Bandwidth NVNT ax20 5200MHz Ant2



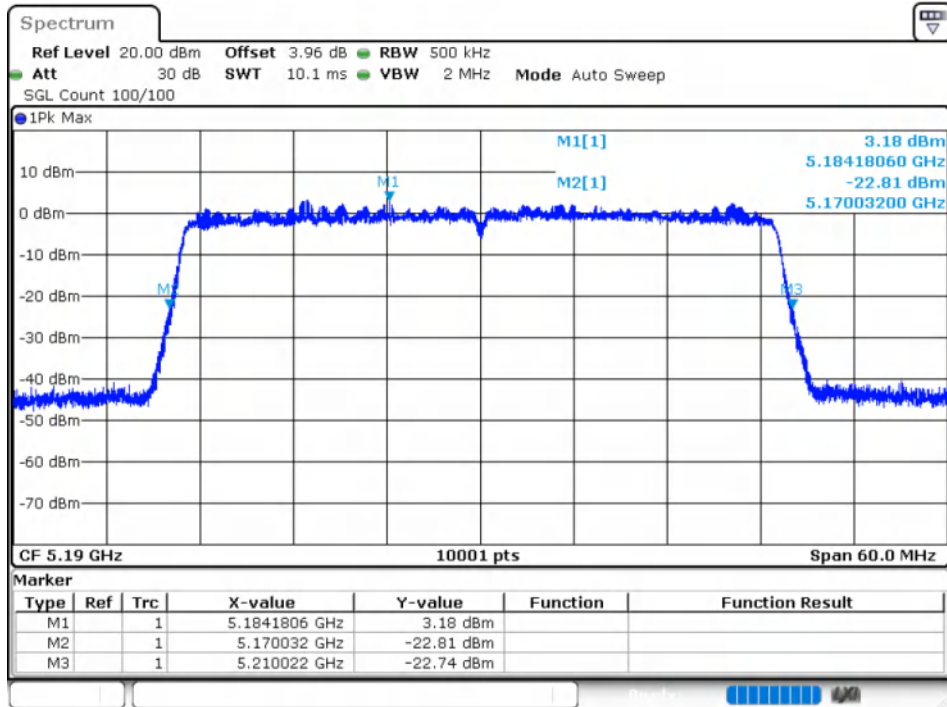
-26dB Bandwidth NVNT ax20 5240MHz Ant1



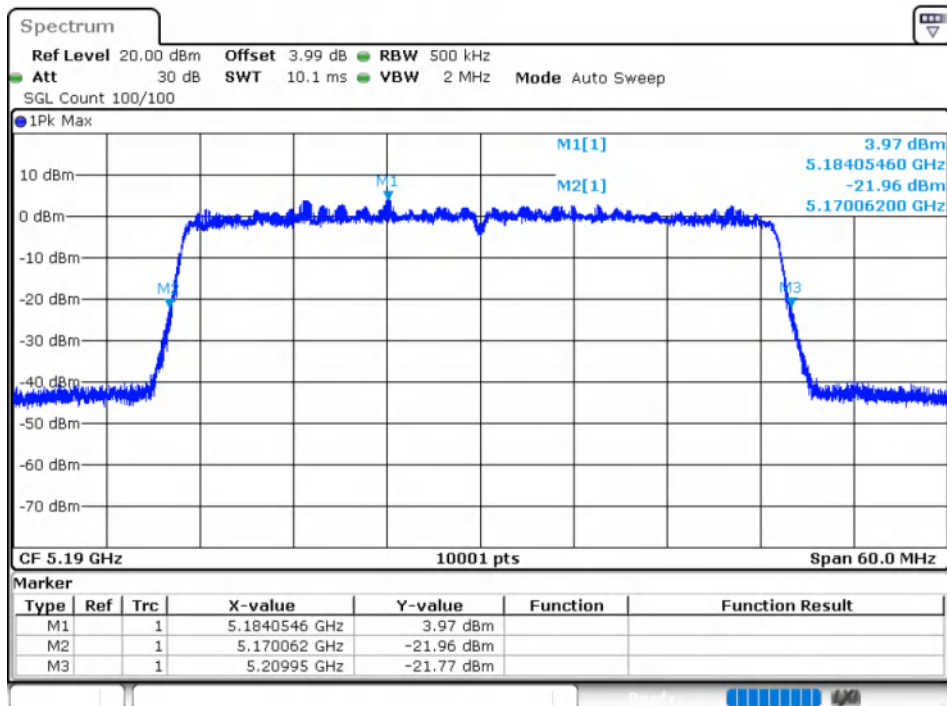
-26dB Bandwidth NVNT ax20 5240MHz Ant2



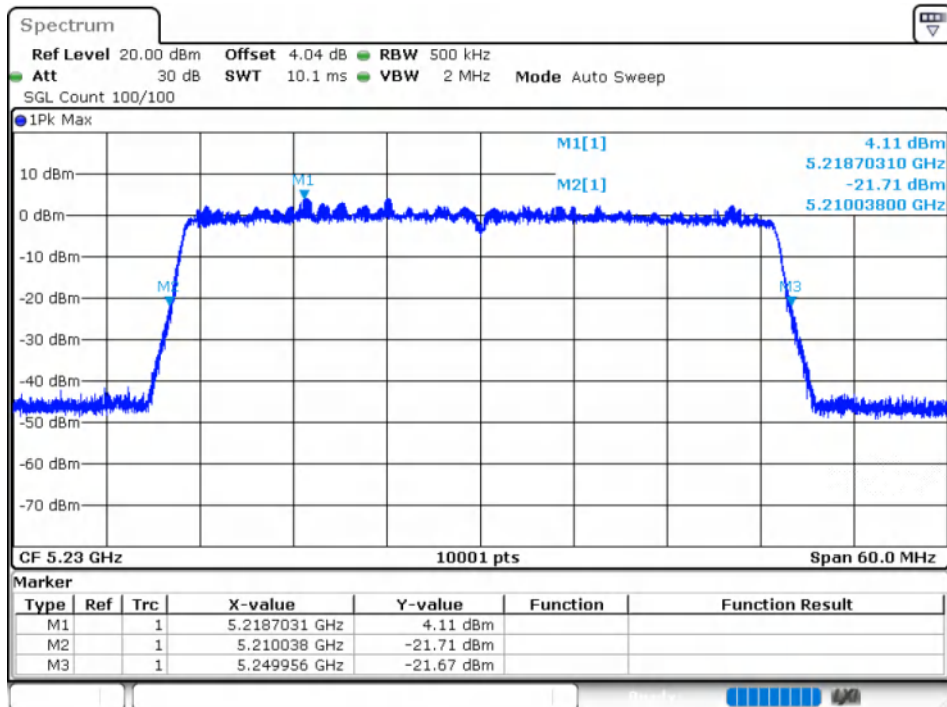
-26dB Bandwidth NVNT ax40 5190MHz Ant1



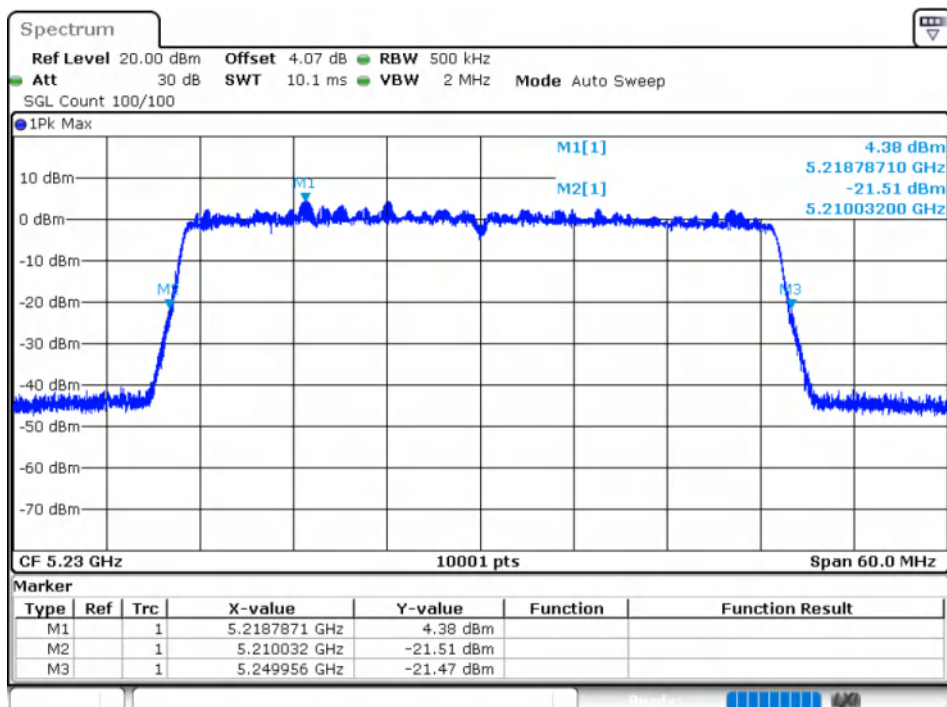
-26dB Bandwidth NVNT ax40 5190MHz Ant2



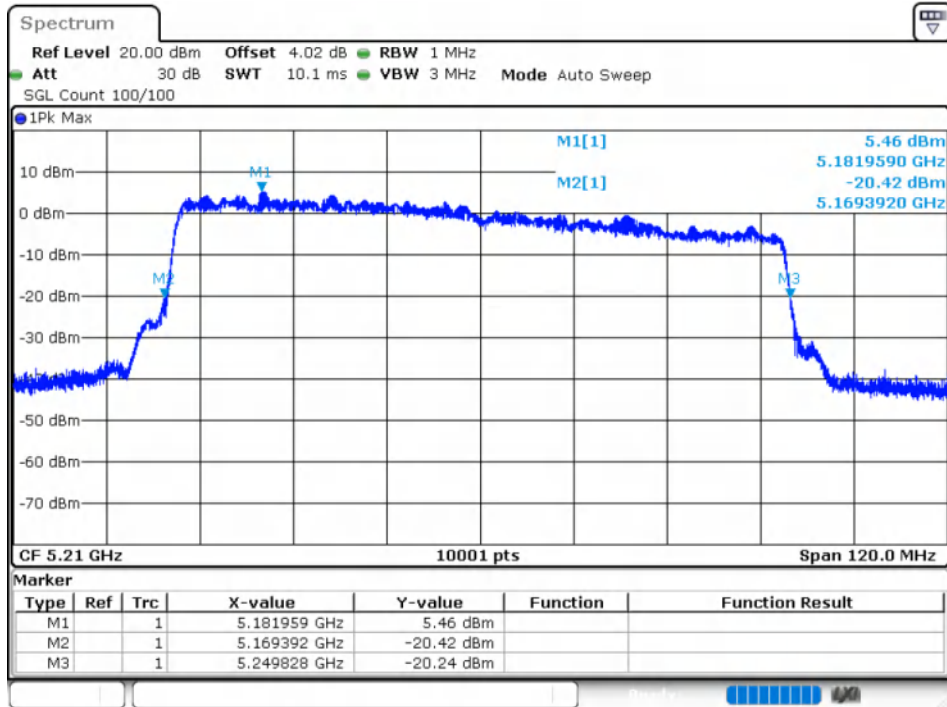
-26dB Bandwidth NVNT ax40 5230MHz Ant1



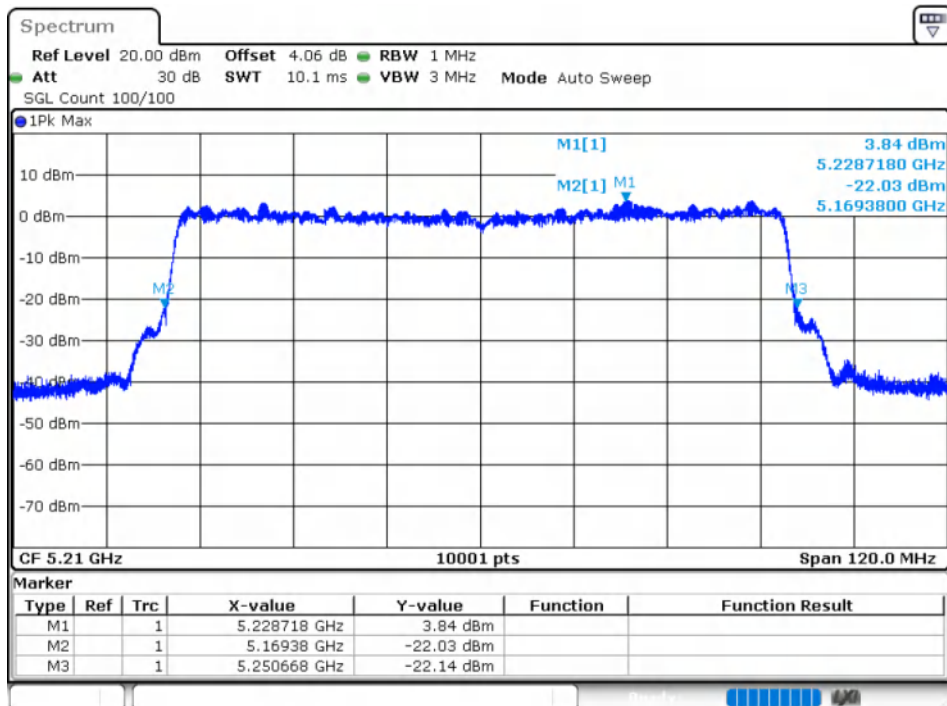
-26dB Bandwidth NVNT ax40 5230MHz Ant2



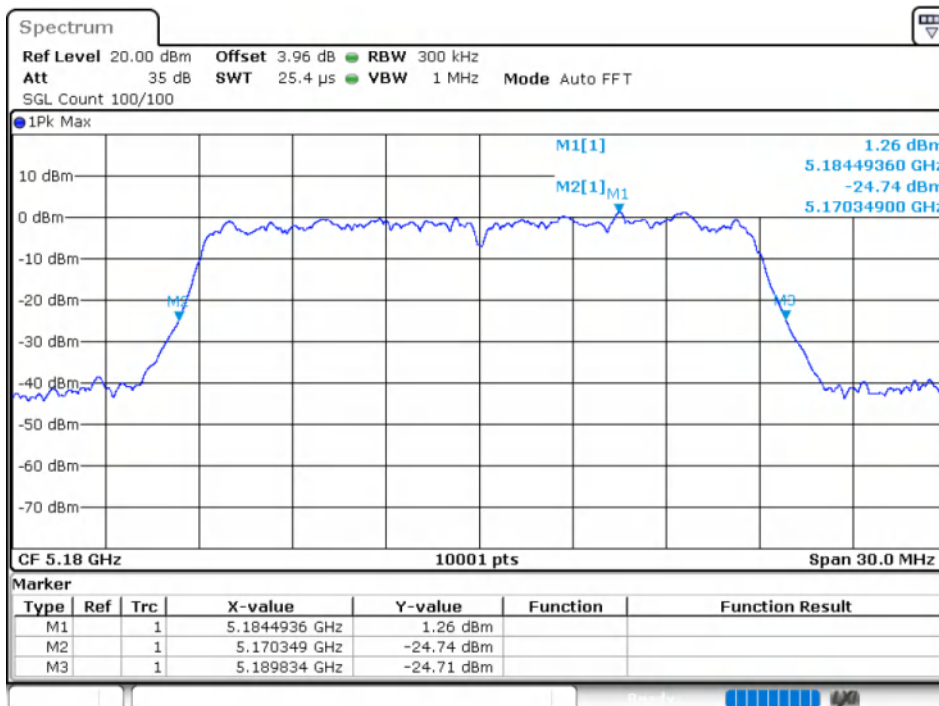
-26dB Bandwidth NVNT ax80 5210MHz Ant1



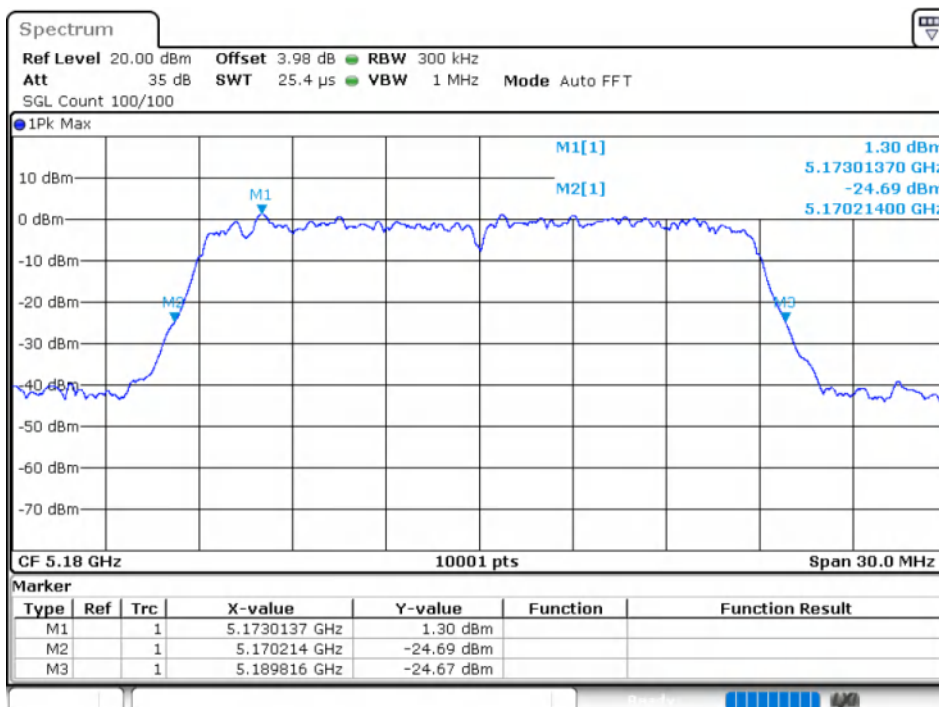
-26dB Bandwidth NVNT ax80 5210MHz Ant2

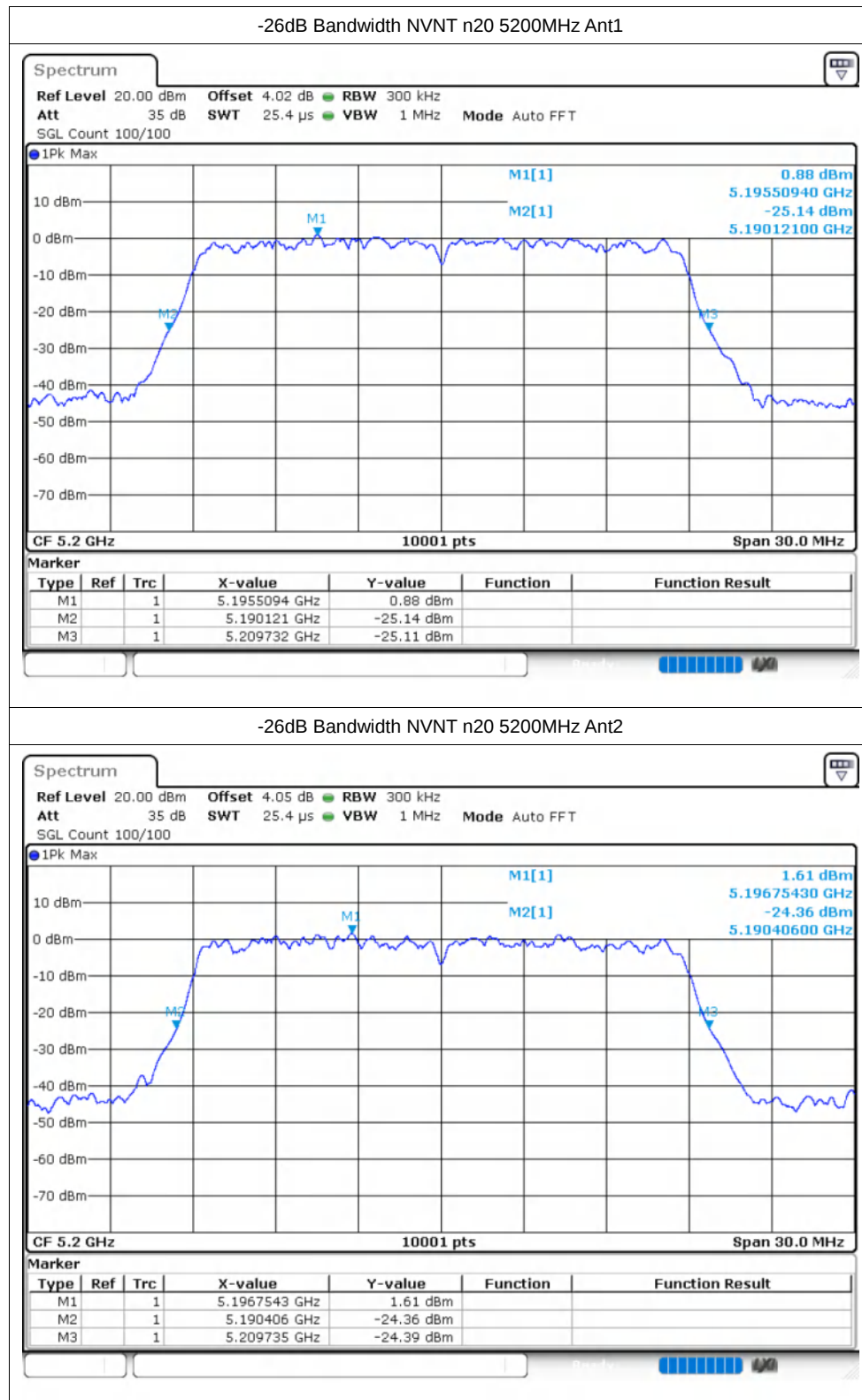


-26dB Bandwidth NVNT n20 5180MHz Ant1

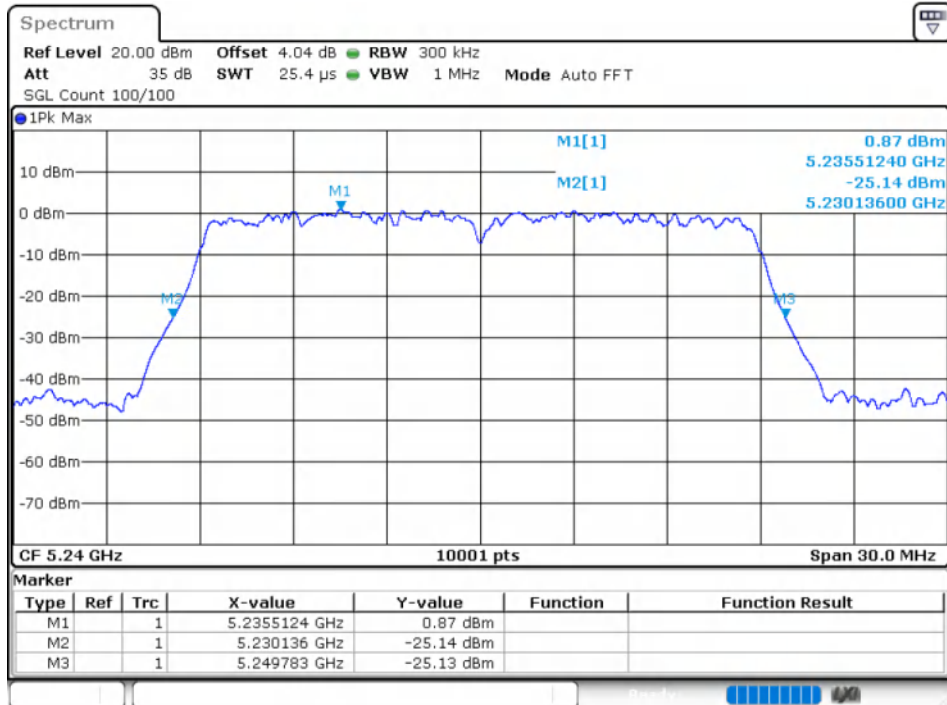


-26dB Bandwidth NVNT n20 5180MHz Ant2

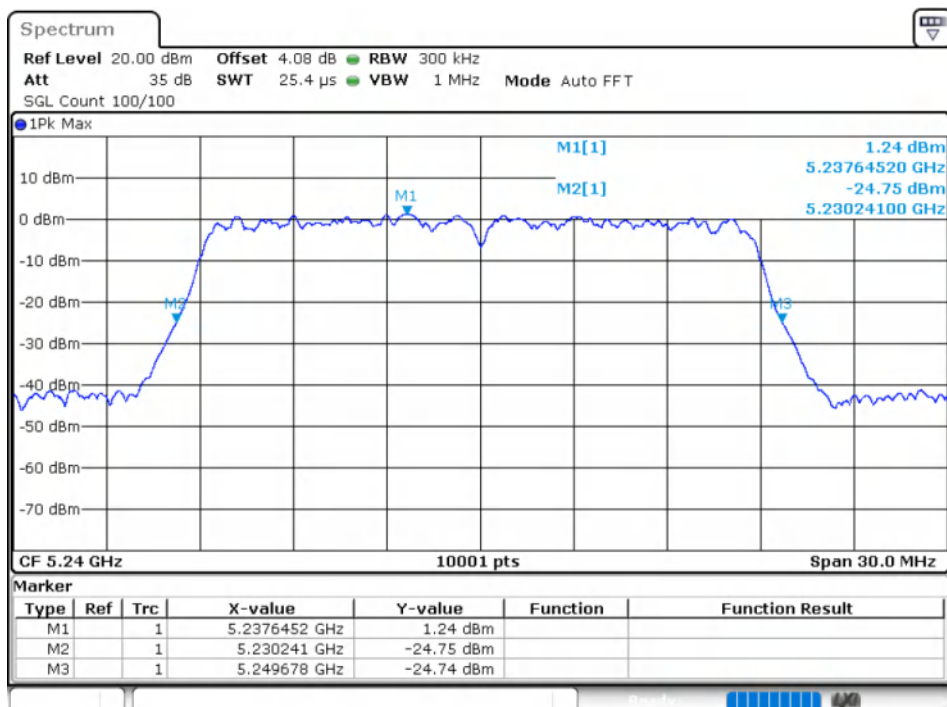




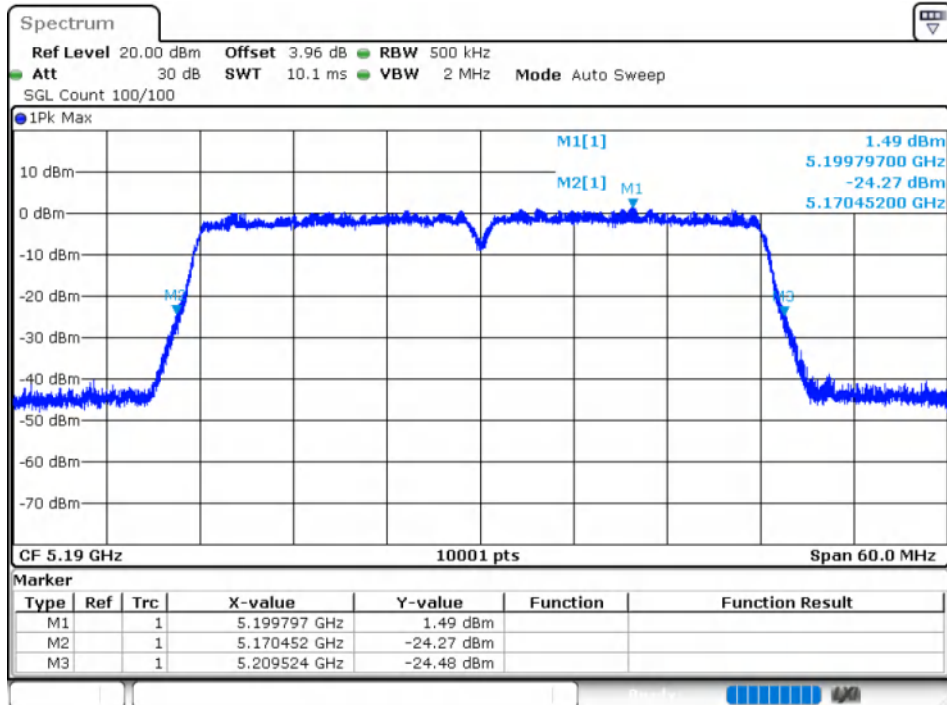
-26dB Bandwidth NVNT n20 5240MHz Ant1



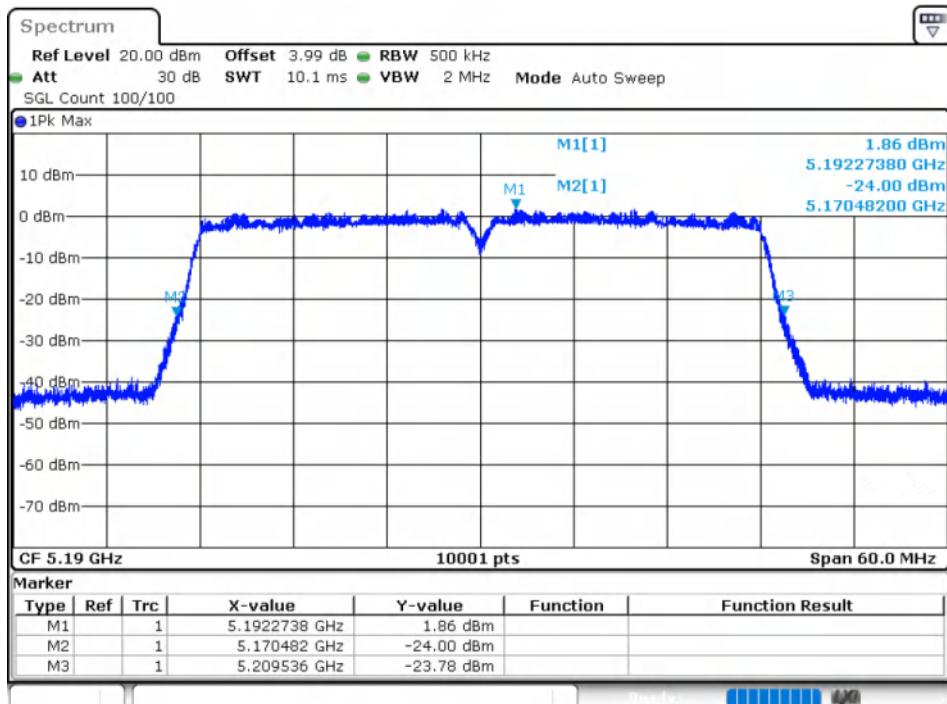
-26dB Bandwidth NVNT n20 5240MHz Ant2



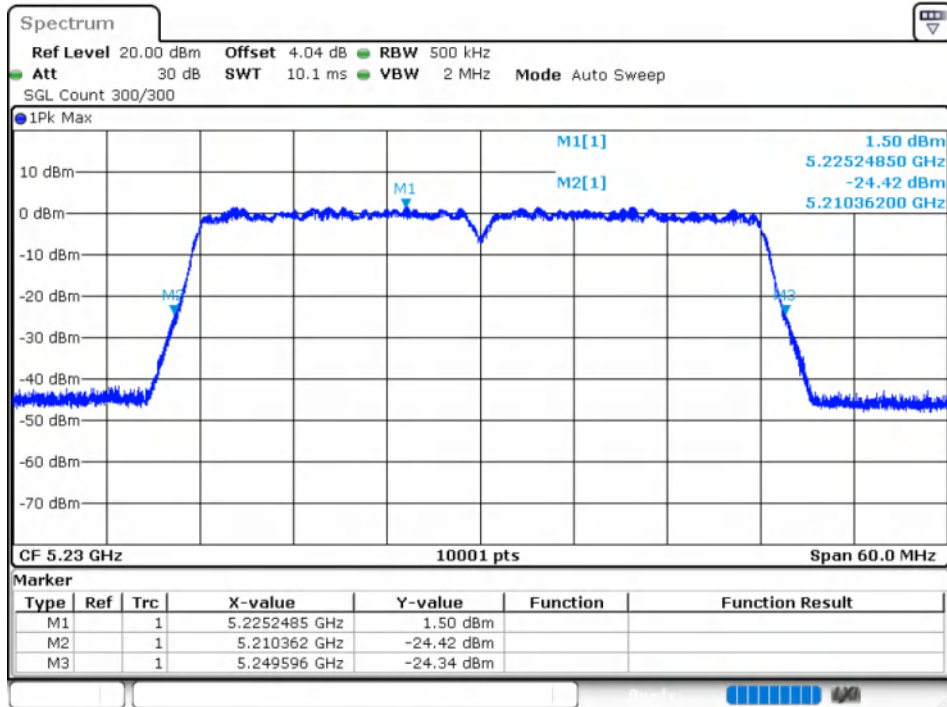
-26dB Bandwidth NVNT n40 5190MHz Ant1



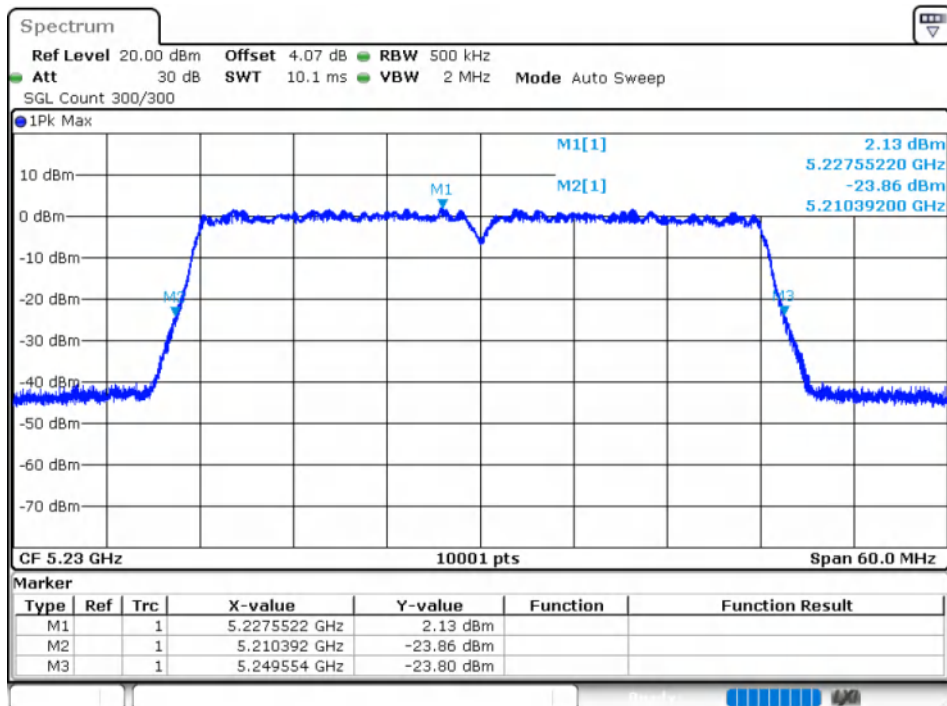
-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant2

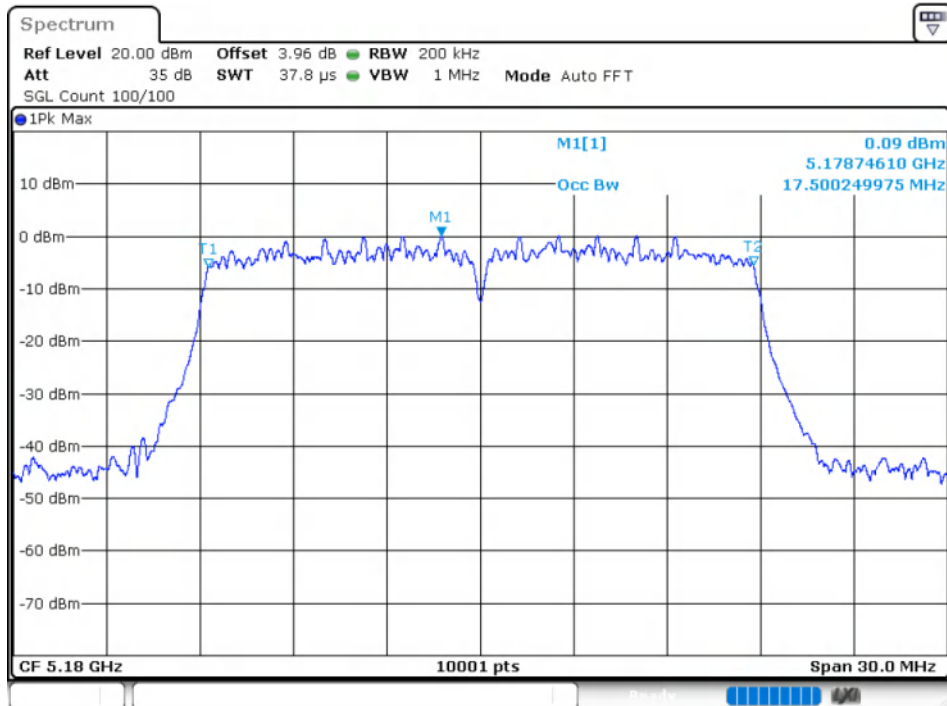


Occupied Channel Bandwidth

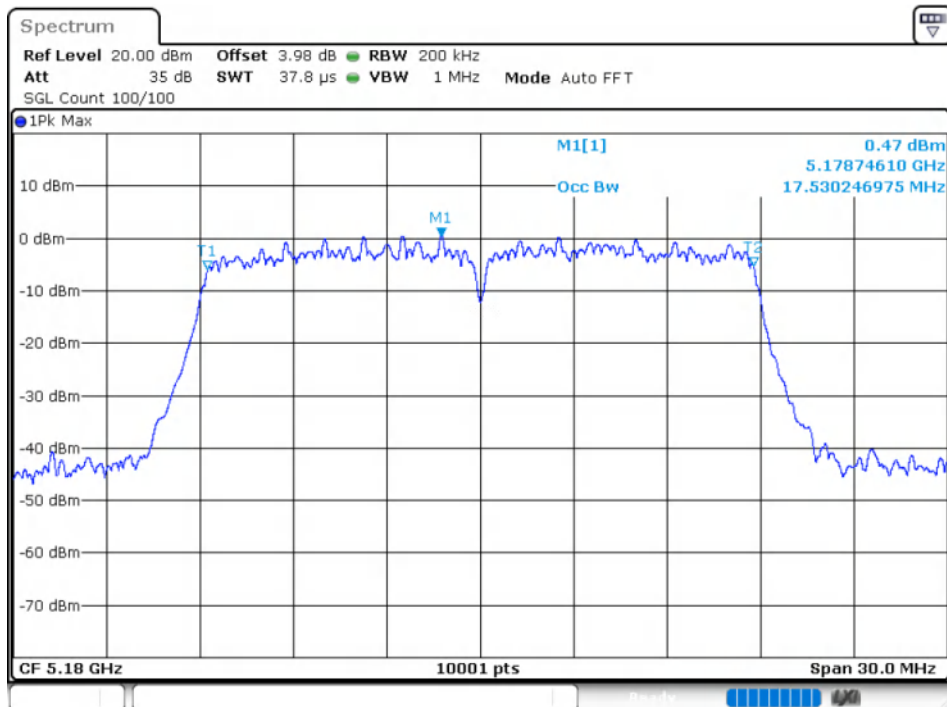
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ac20	5180	Ant1	17.5
NVNT	ac20	5180	Ant2	17.53
NVNT	ac20	5200	Ant1	17.548
NVNT	ac20	5200	Ant2	17.521
NVNT	ac20	5240	Ant1	17.506
NVNT	ac20	5240	Ant2	17.521
NVNT	ac40	5190	Ant1	36.086
NVNT	ac40	5190	Ant2	36.044
NVNT	ac40	5230	Ant1	36.116
NVNT	ac40	5230	Ant2	36.098
NVNT	ac80	5210	Ant1	75.376
NVNT	ac80	5210	Ant2	76.432
NVNT	ax20	5180	Ant1	18.946
NVNT	ax20	5180	Ant2	18.883
NVNT	ax20	5200	Ant1	18.934
NVNT	ax20	5200	Ant2	18.859
NVNT	ax20	5240	Ant1	18.937
NVNT	ax20	5240	Ant2	18.919
NVNT	ax40	5190	Ant1	37.622
NVNT	ax40	5190	Ant2	37.58
NVNT	ax40	5230	Ant1	37.634
NVNT	ax40	5230	Ant2	37.622
NVNT	ax80	5210	Ant1	76.264
NVNT	ax80	5210	Ant2	77.26
NVNT	n20	5180	Ant1	17.53
NVNT	n20	5180	Ant2	17.536
NVNT	n20	5200	Ant1	17.515
NVNT	n20	5200	Ant2	17.5
NVNT	n20	5240	Ant1	17.518
NVNT	n20	5240	Ant2	17.548
NVNT	n40	5190	Ant1	35.99
NVNT	n40	5190	Ant2	35.984
NVNT	n40	5230	Ant1	36.026
NVNT	n40	5230	Ant2	36.038

Test Graphs

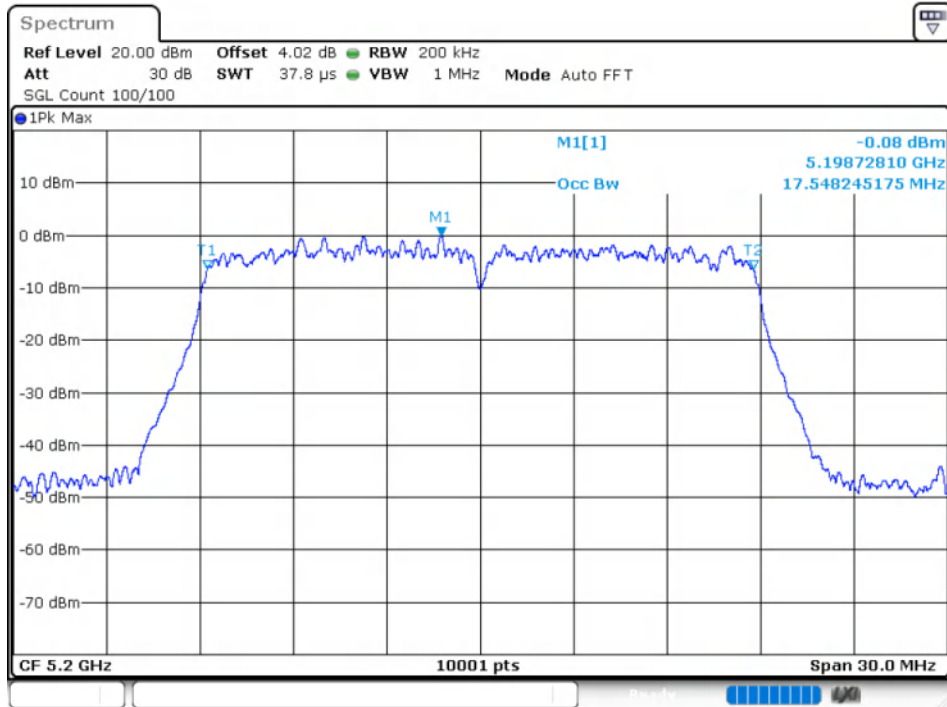
OBW NVNT ac20 5180MHz Ant1



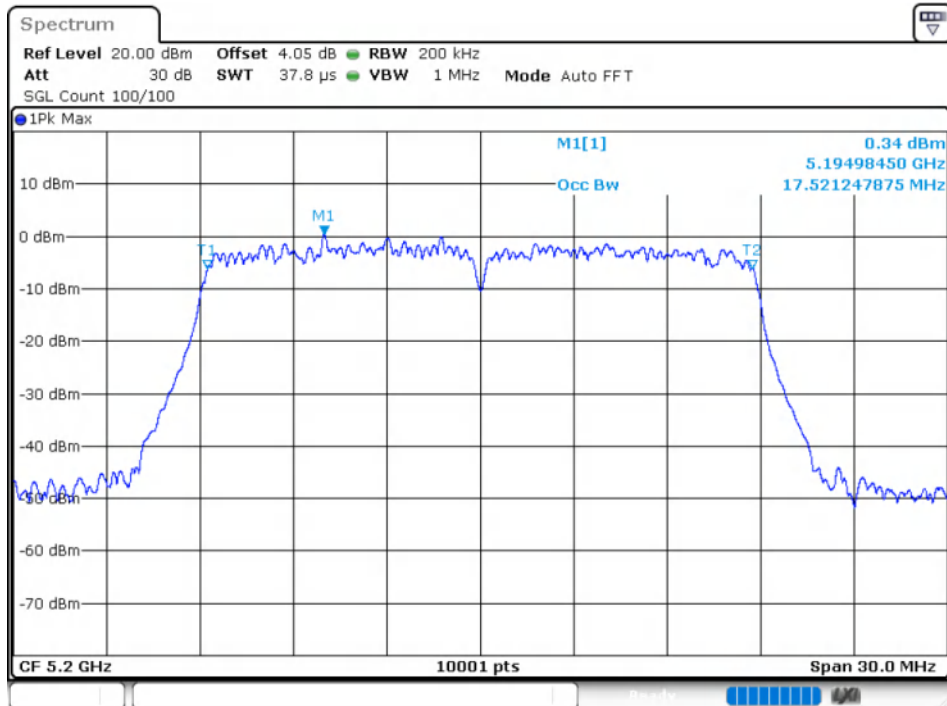
OBW NVNT ac20 5180MHz Ant2



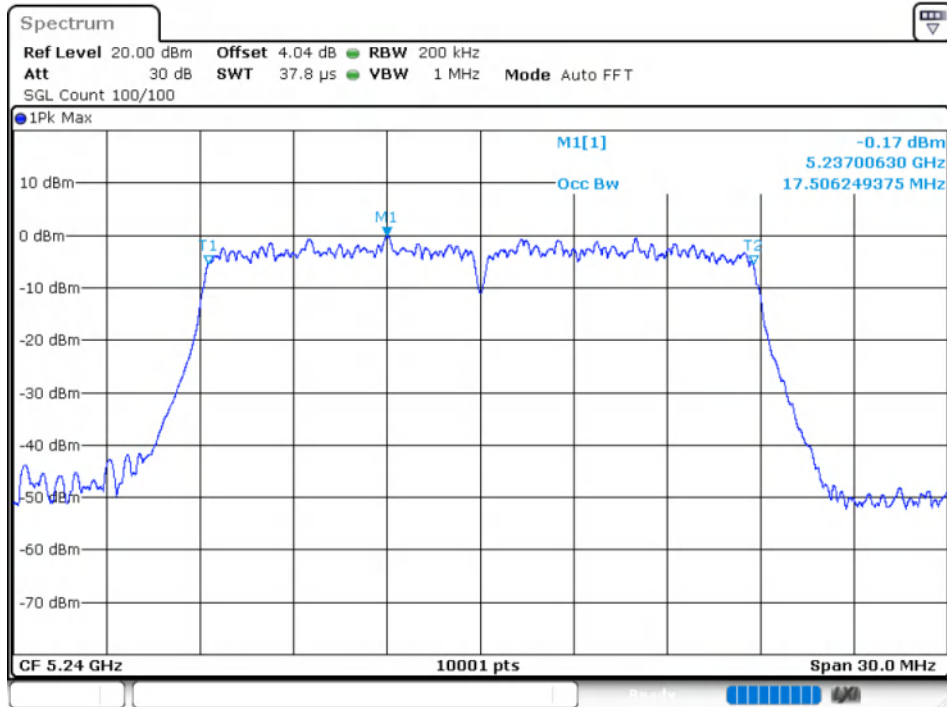
OBW NVNT ac20 5200MHz Ant1



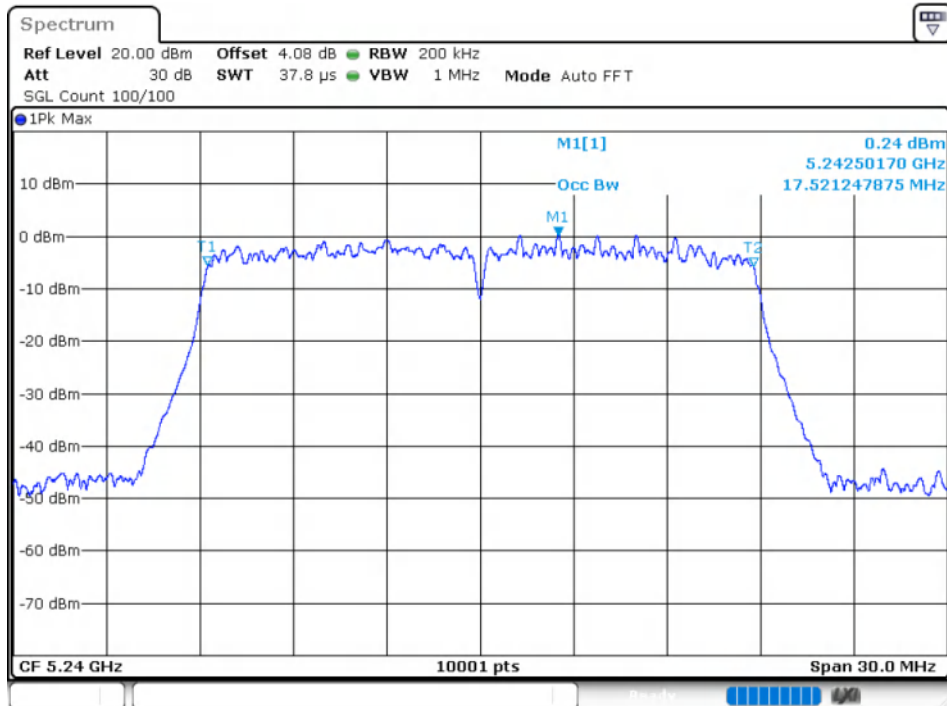
OBW NVNT ac20 5200MHz Ant2

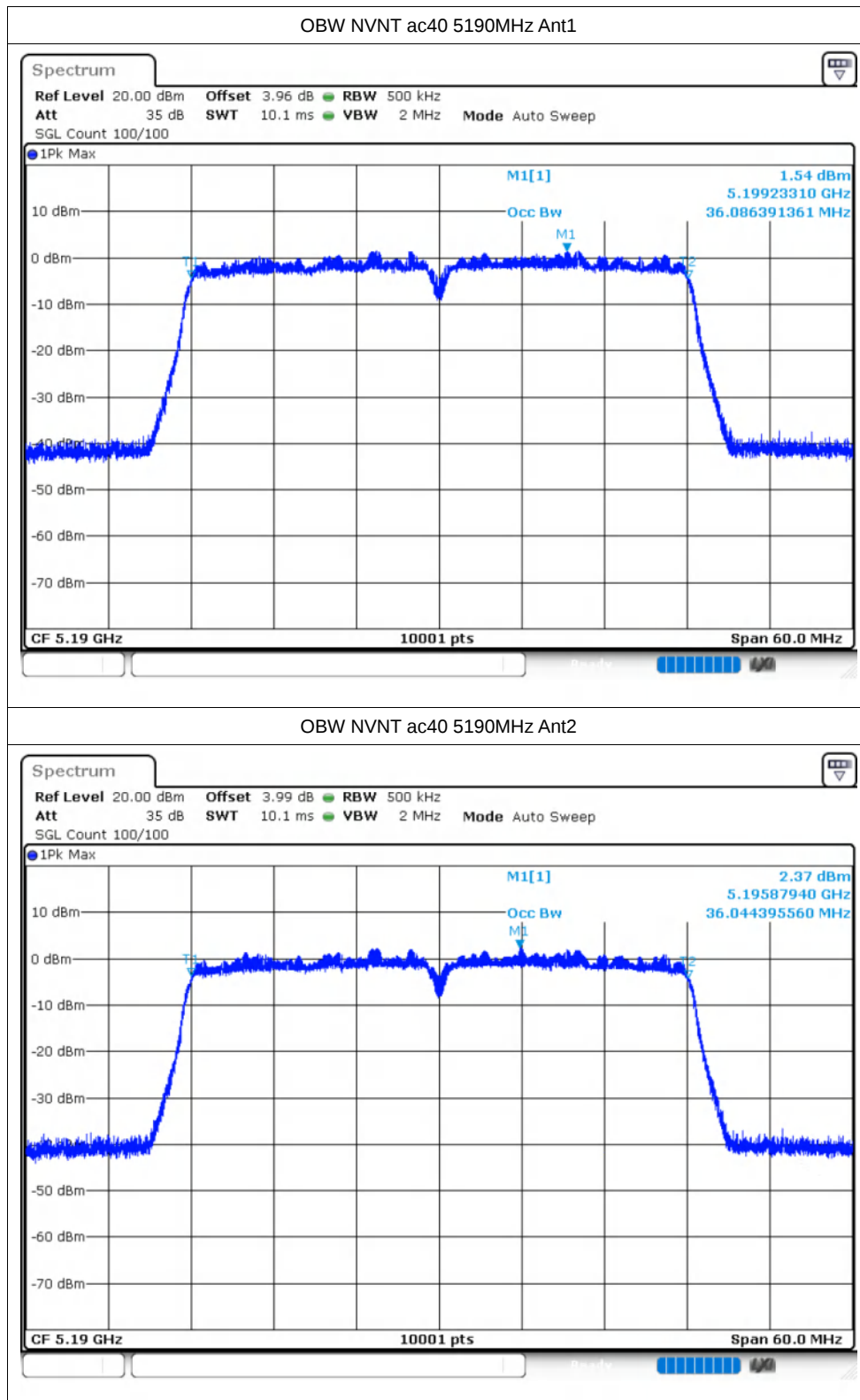


OBW NVNT ac20 5240MHz Ant1

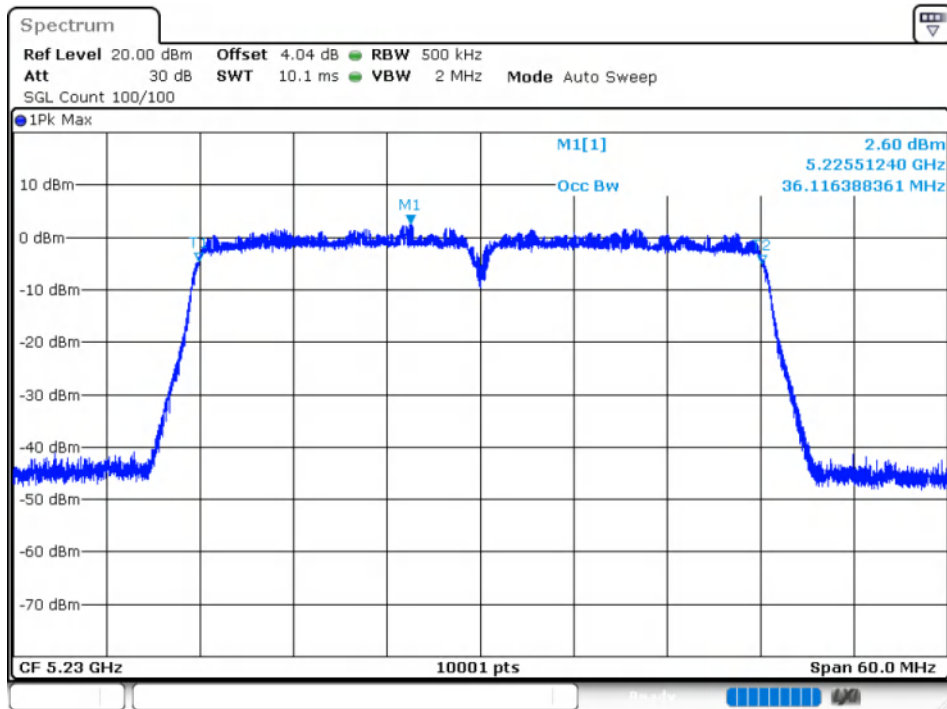


OBW NVNT ac20 5240MHz Ant2

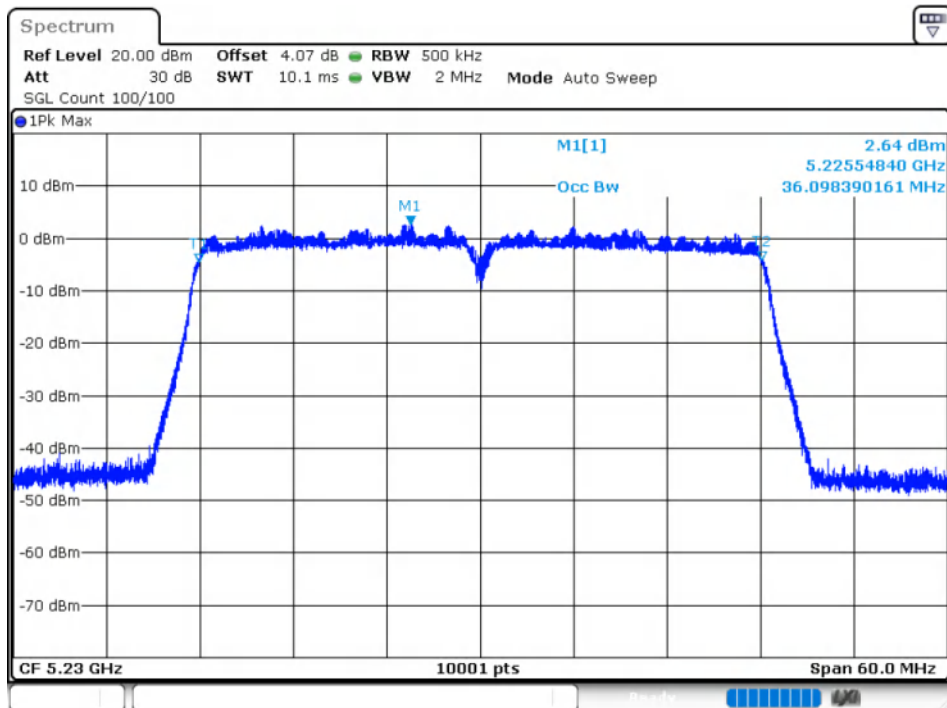


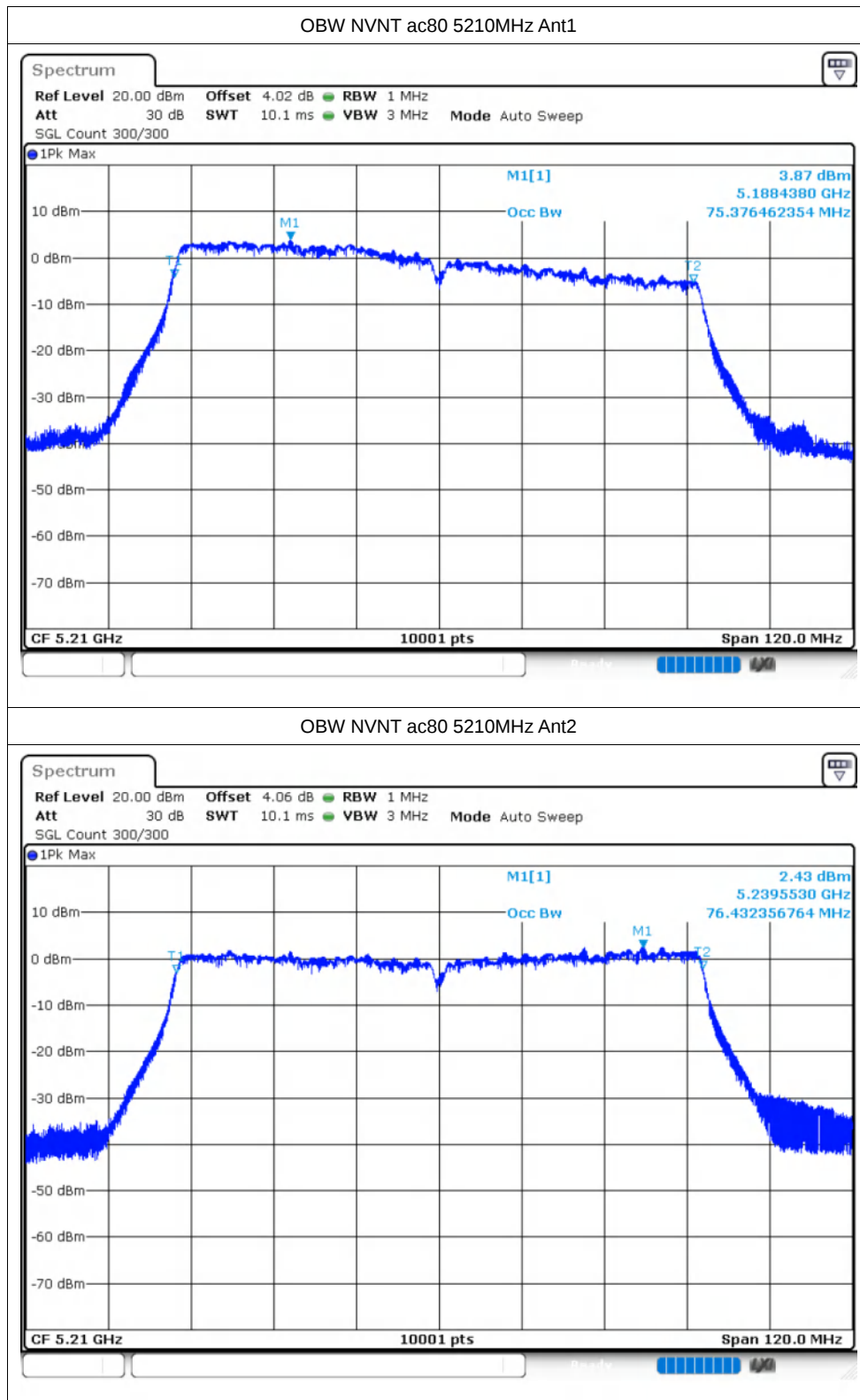


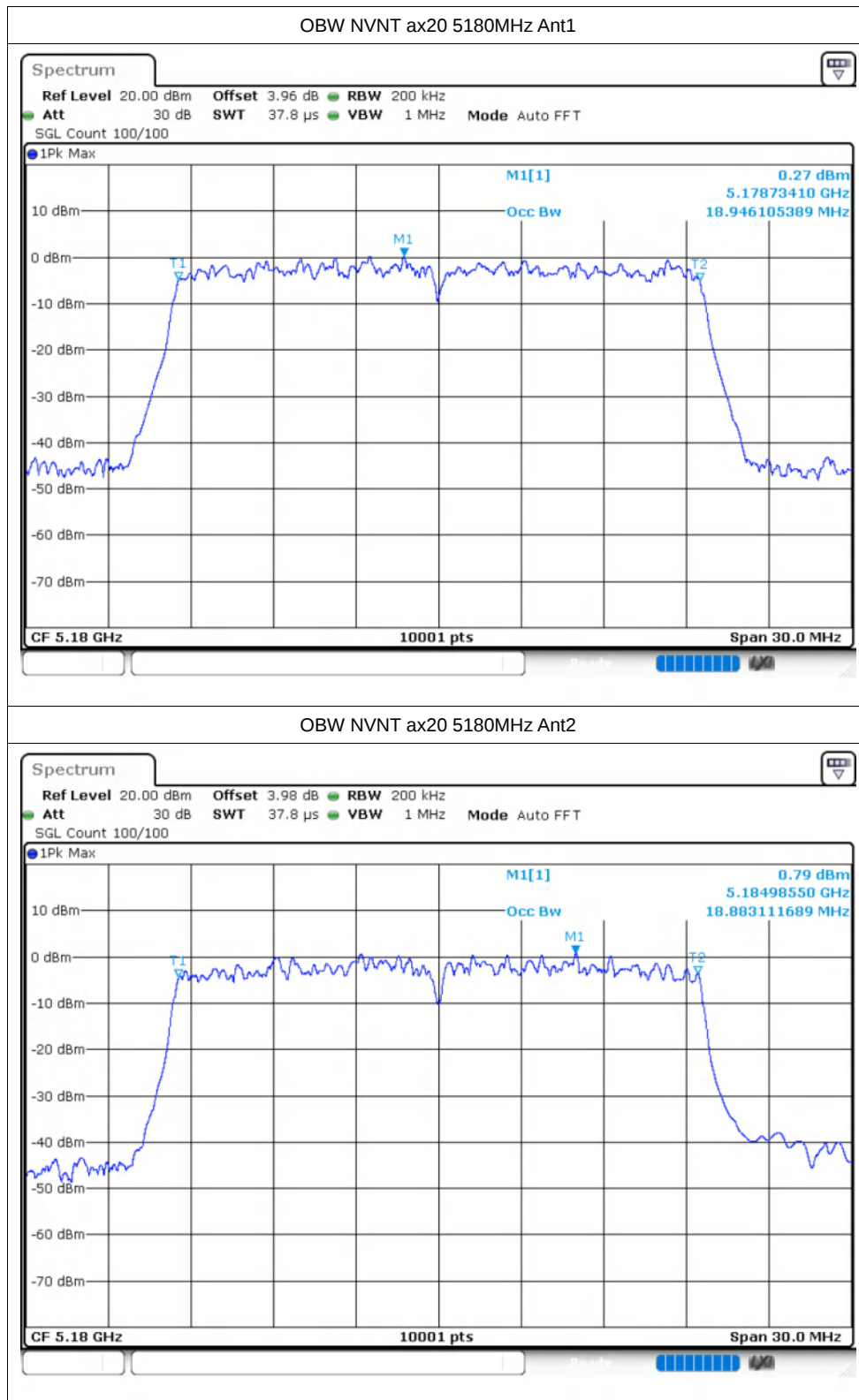
OBW NVNT ac40 5230MHz Ant1



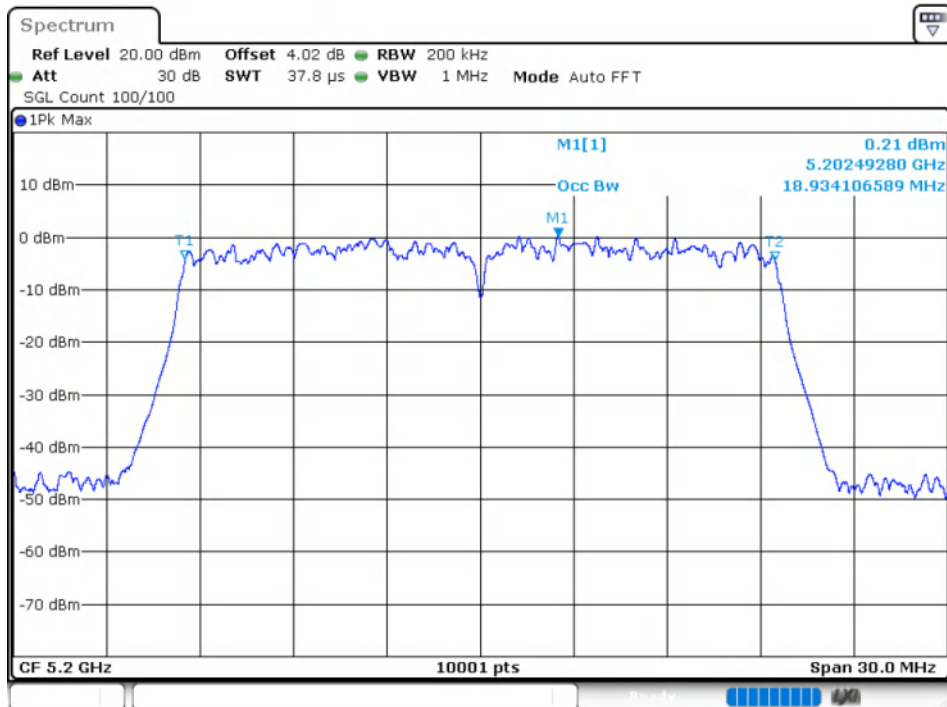
OBW NVNT ac40 5230MHz Ant2



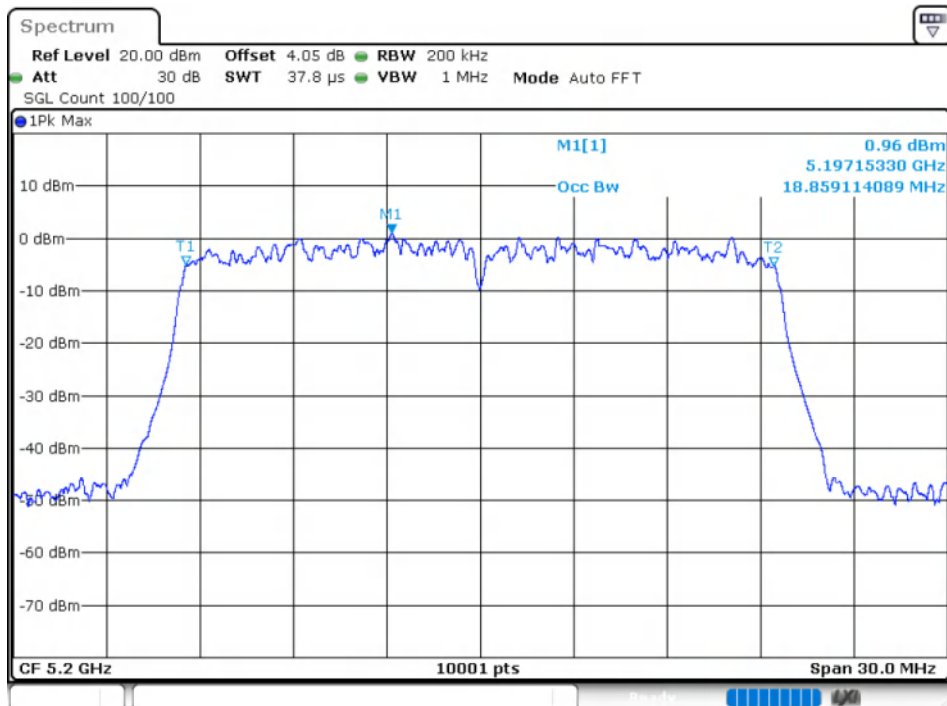


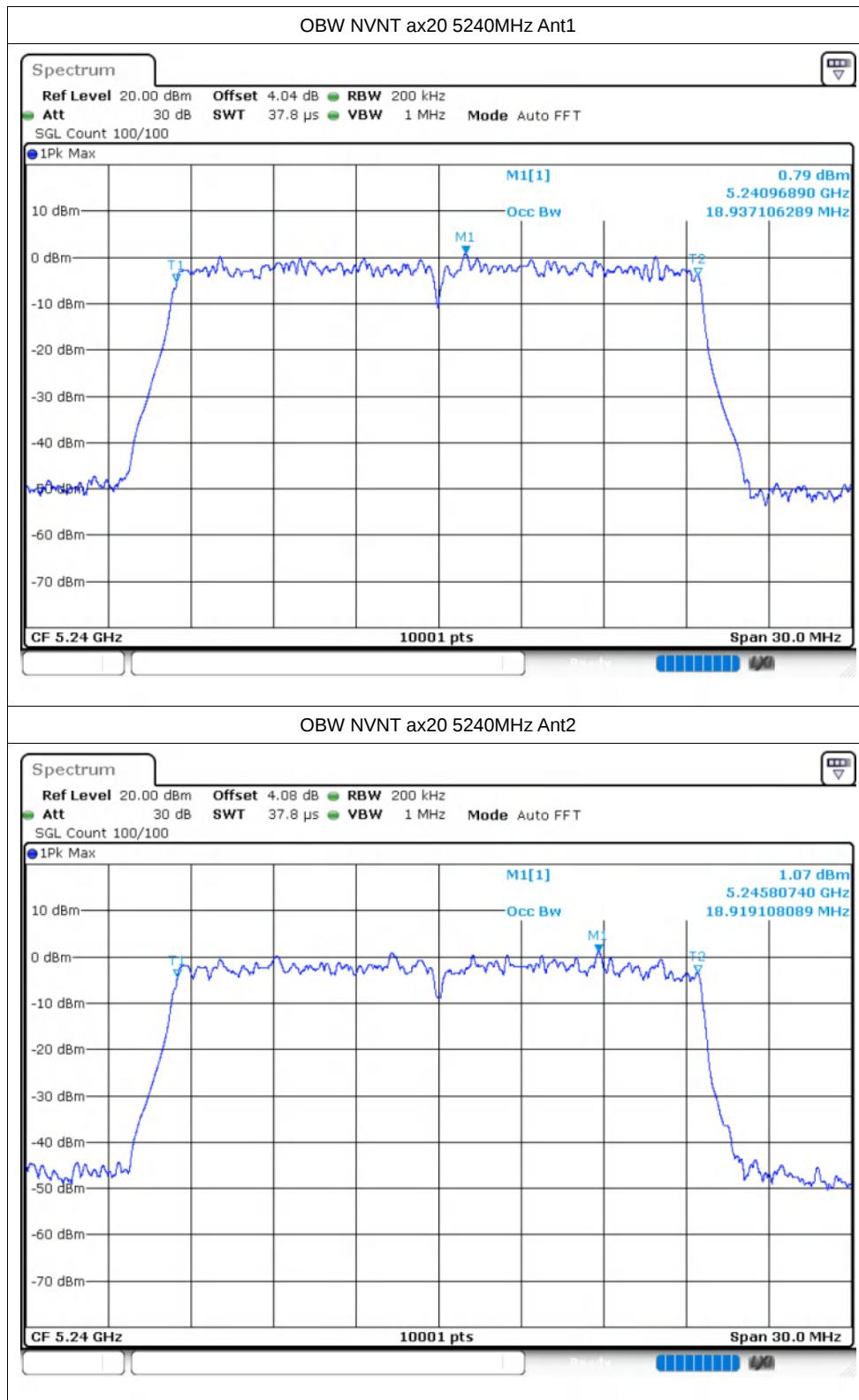


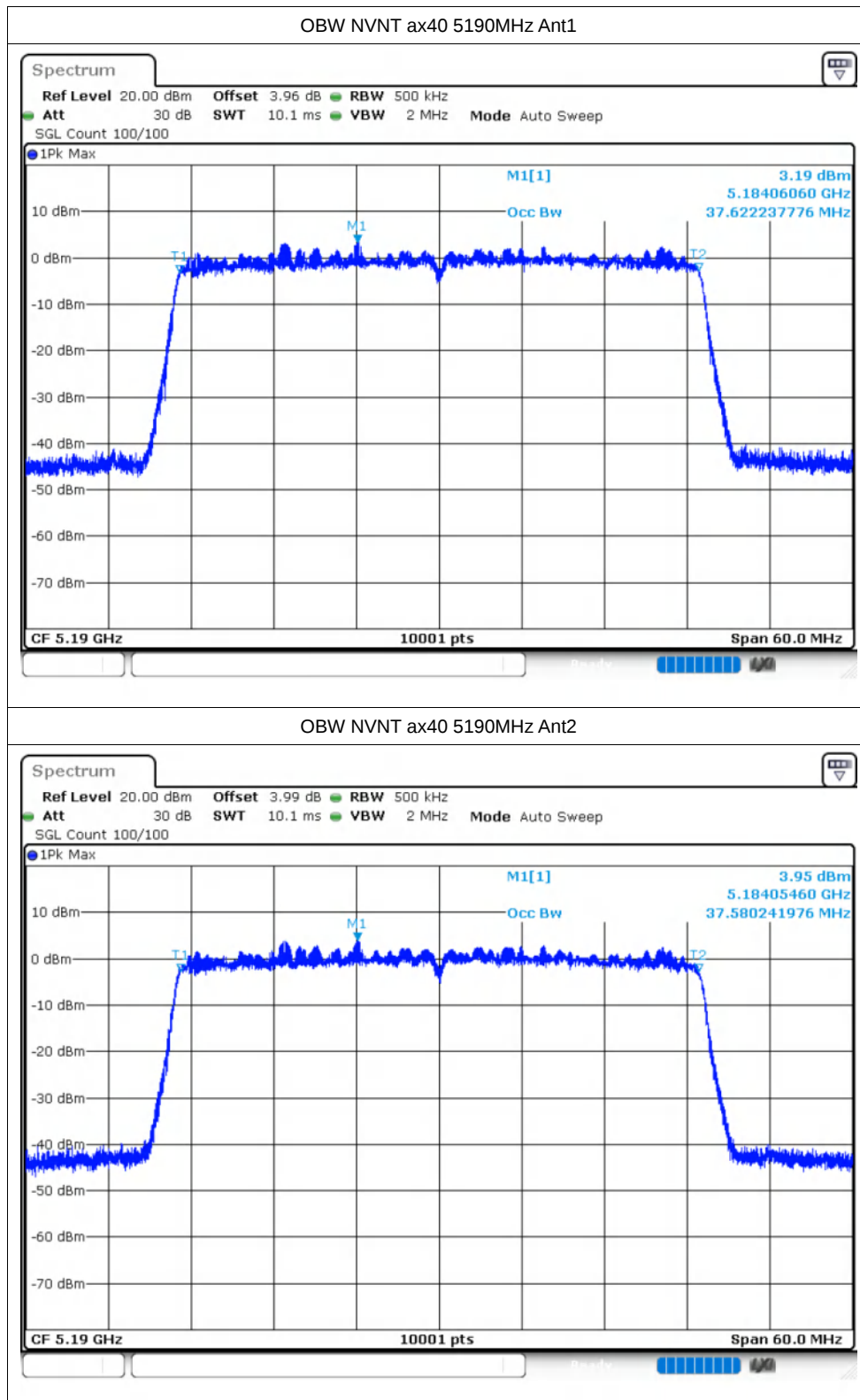
OBW NVNT ax20 5200MHz Ant1

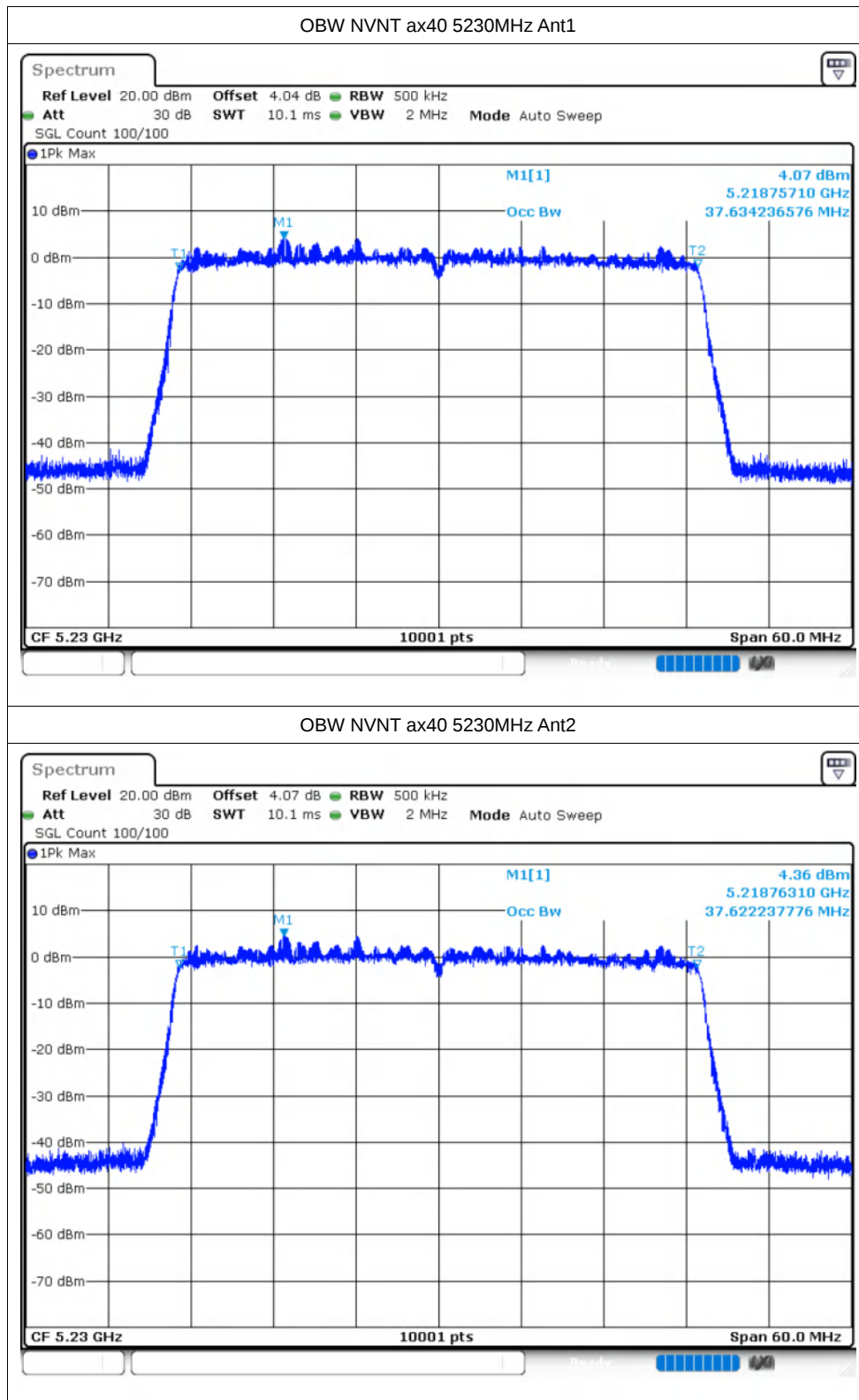


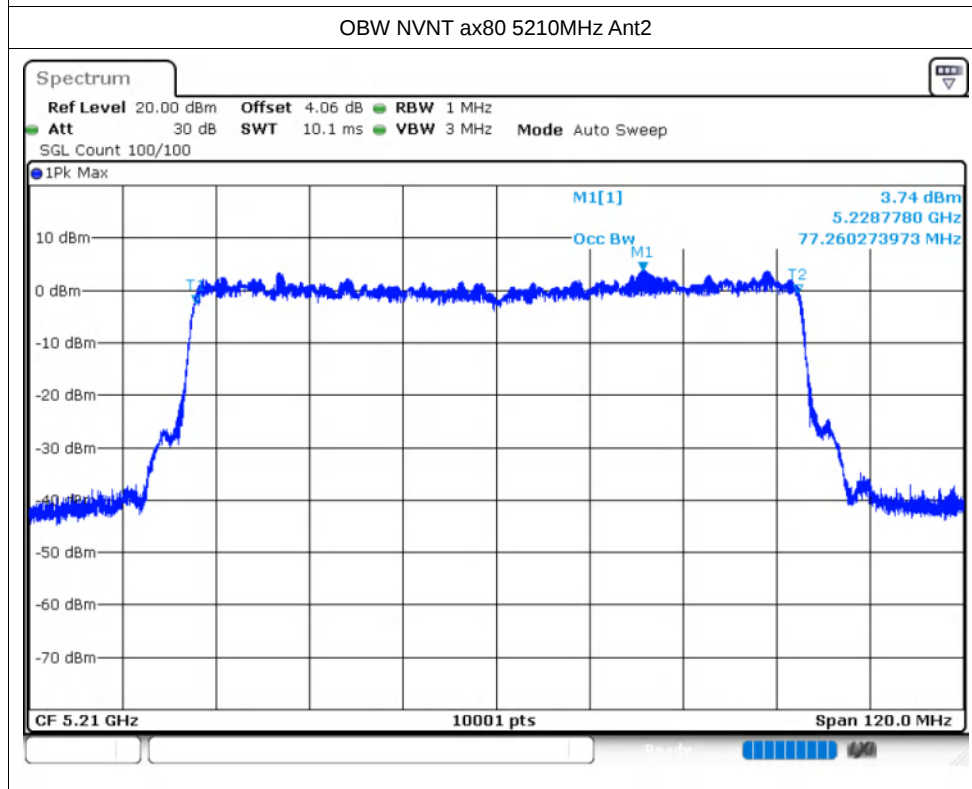
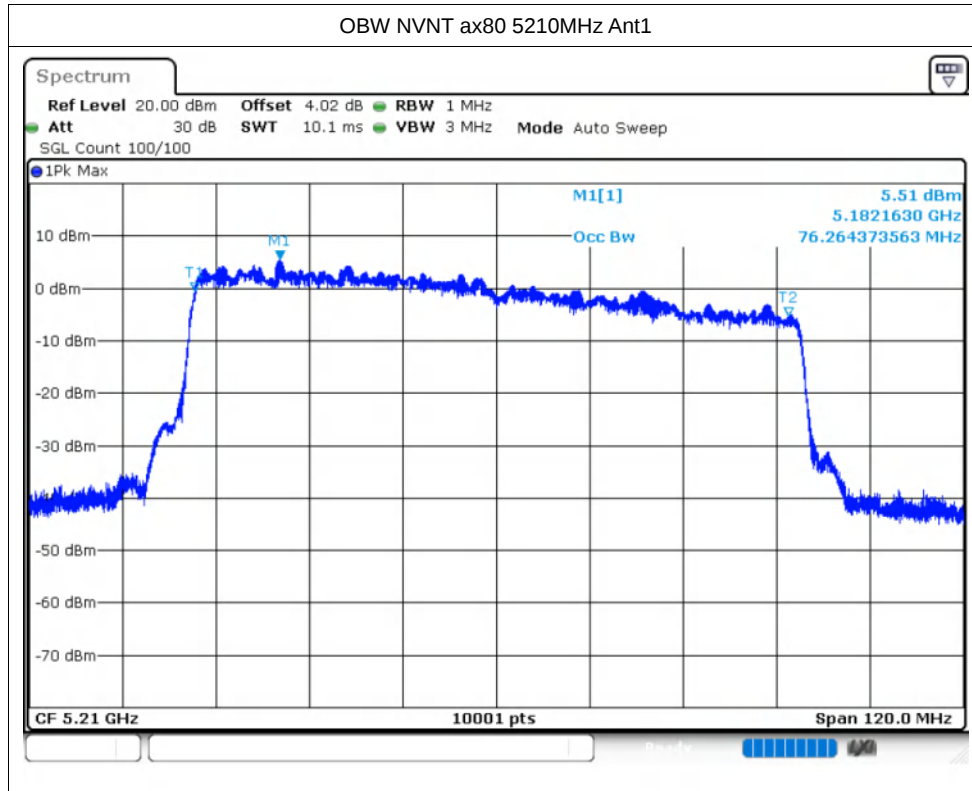
OBW NVNT ax20 5200MHz Ant2

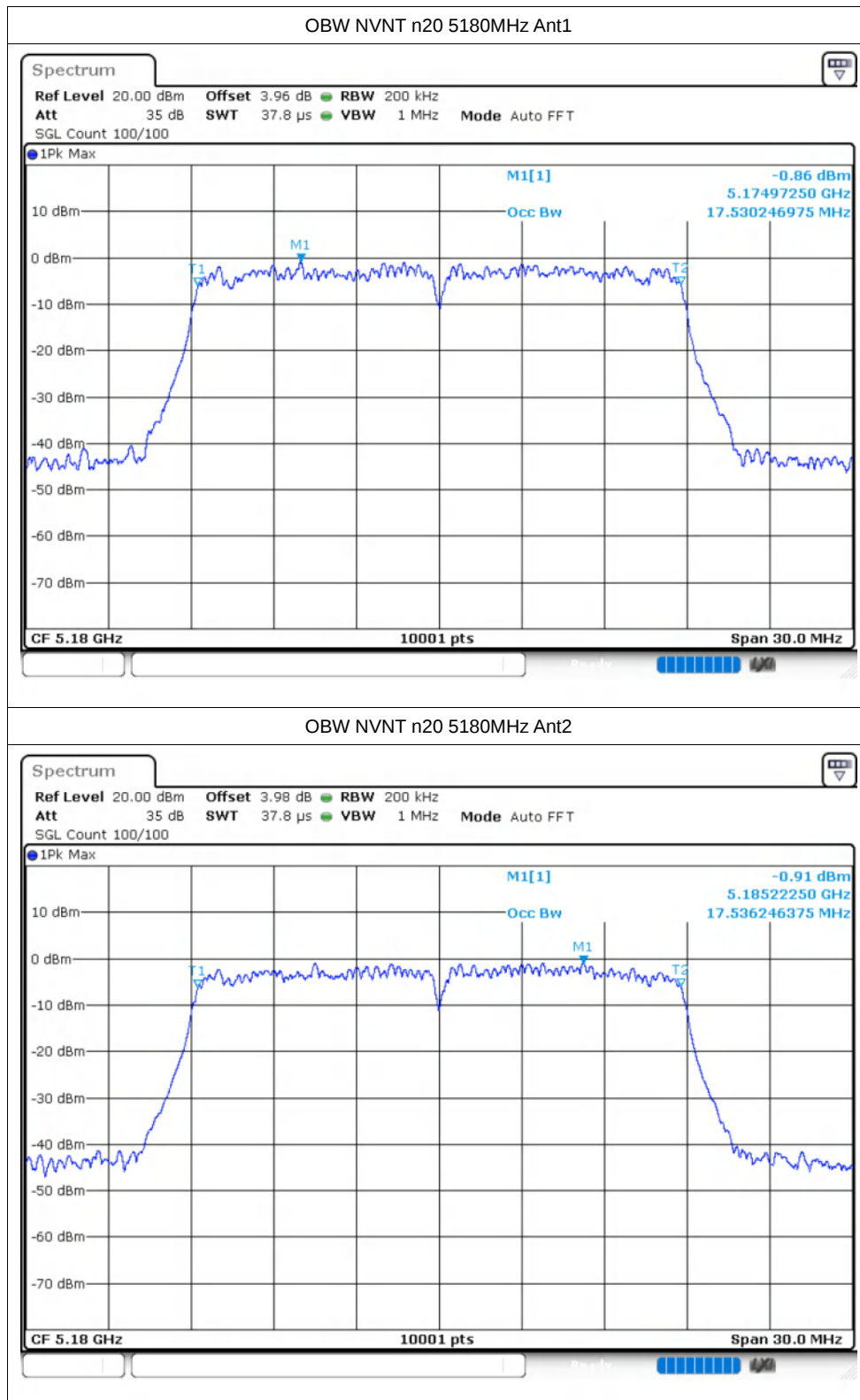


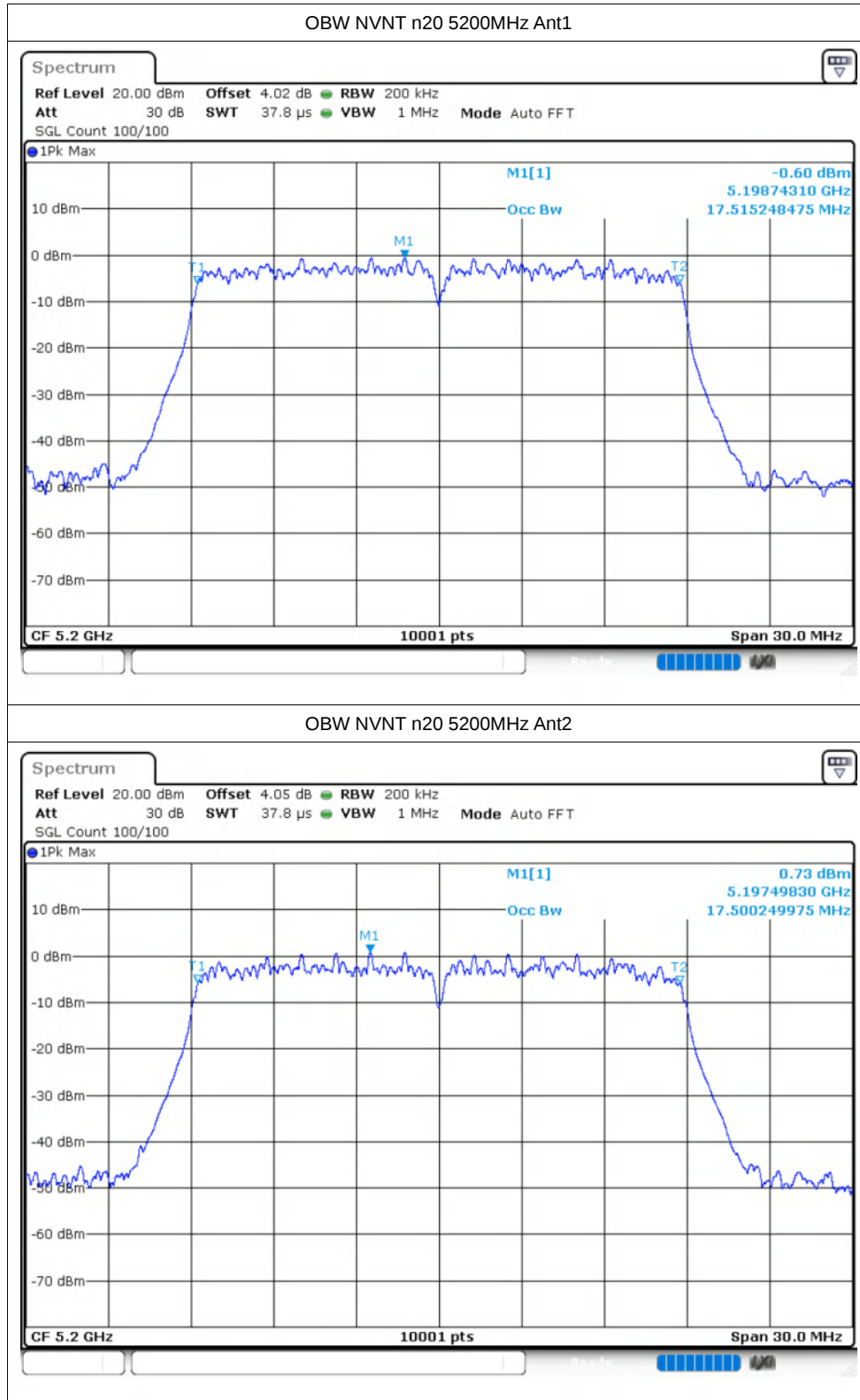




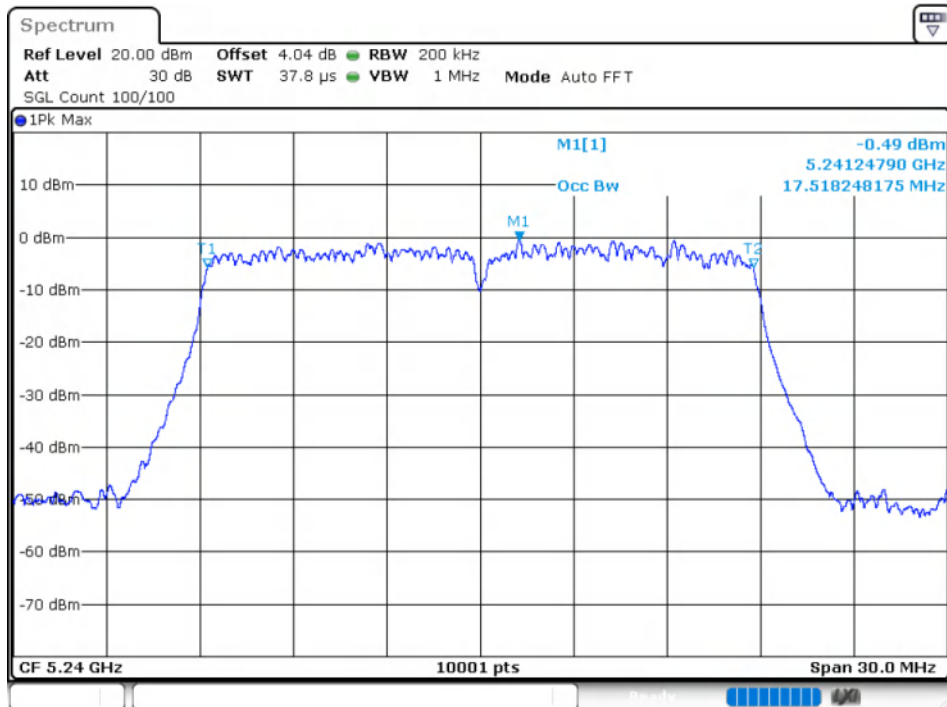




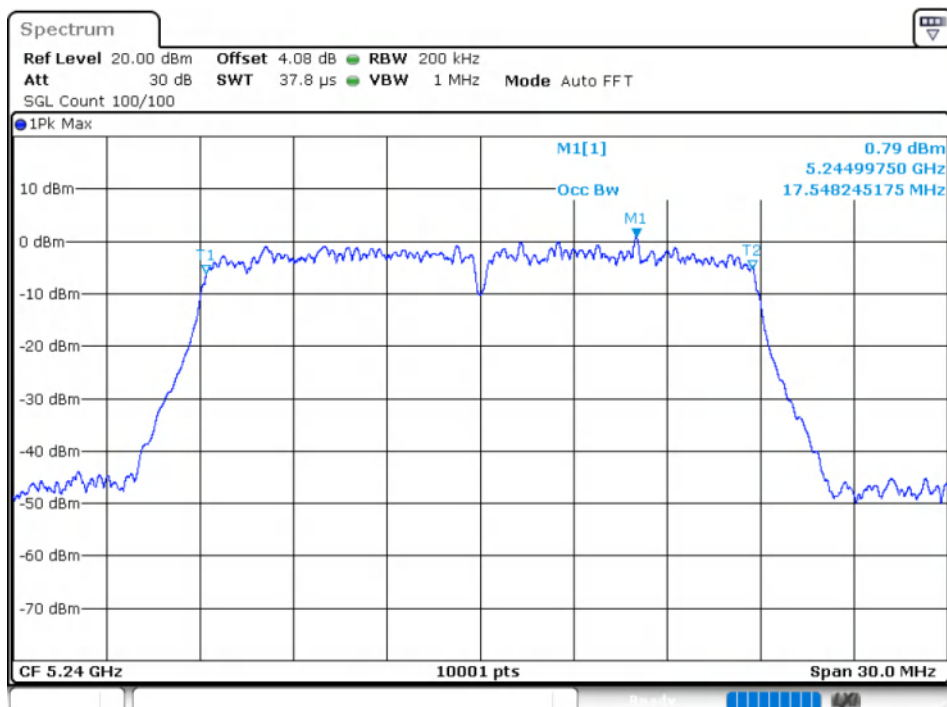


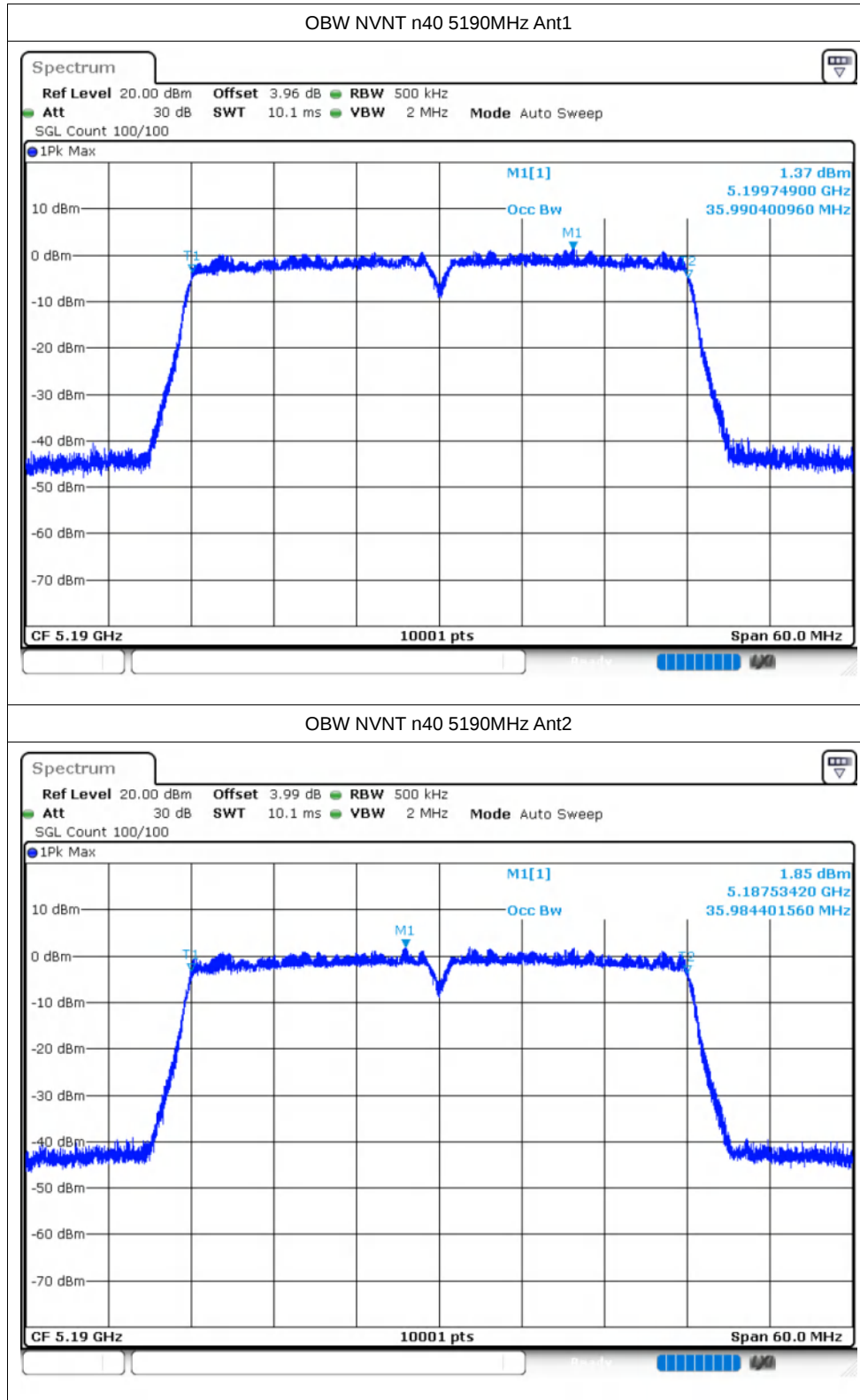


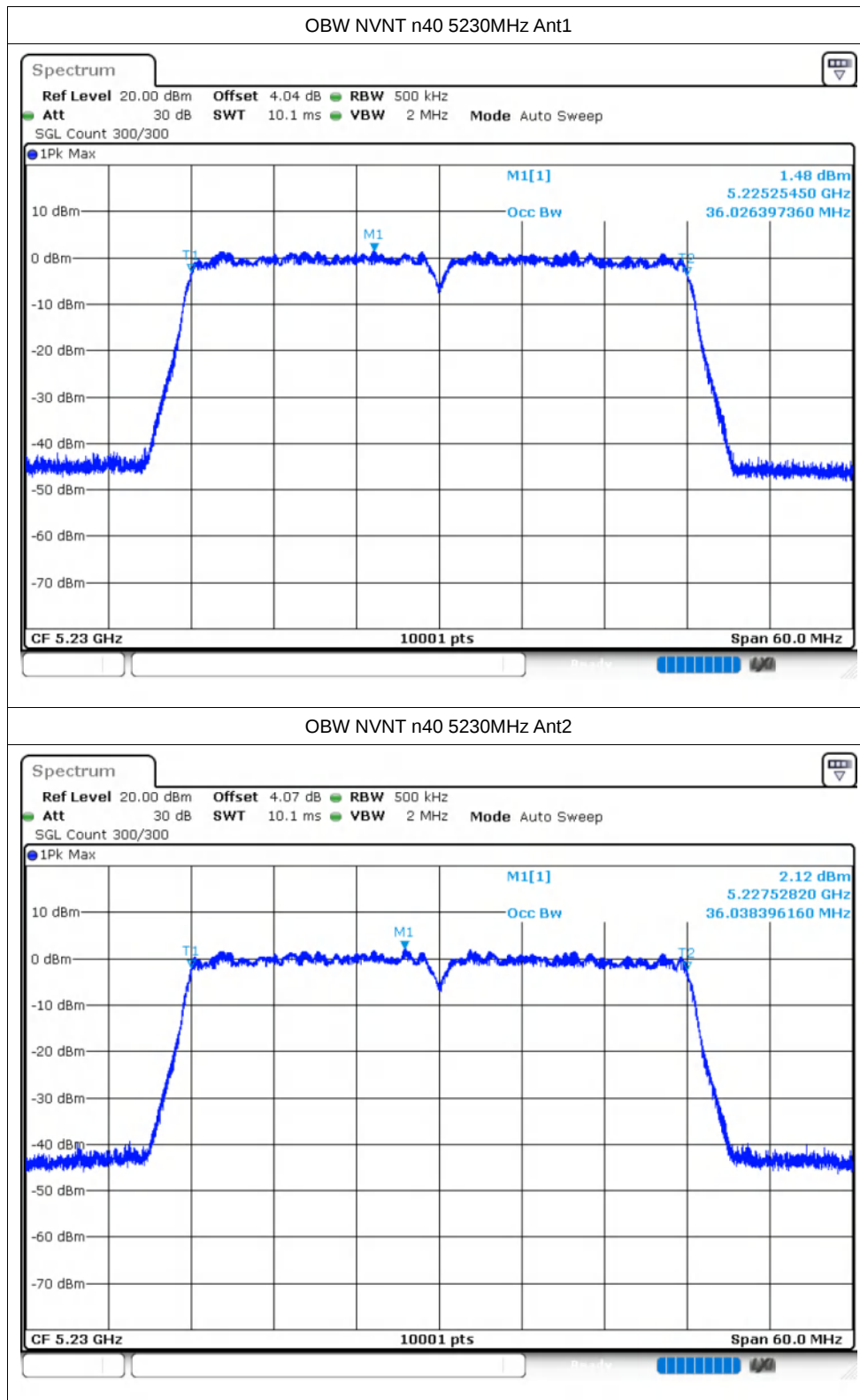
OBW NVNT n20 5240MHz Ant1



OBW NVNT n20 5240MHz Ant2







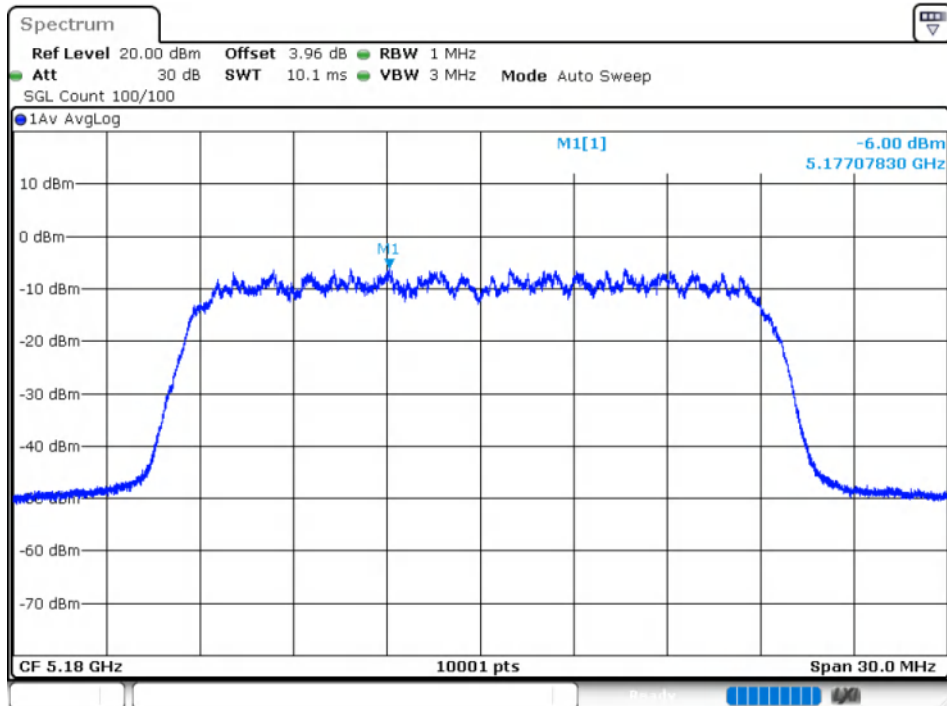
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	-6	0.51	-5.49	10.58	Pass
NVNT	ac20	5180	Ant2	-5.06	0.51	-4.55	10.58	Pass
NVNT	ac20	5180	Sum	-2.49	0.51	-1.98	10.58	Pass
NVNT	ac20	5200	Ant1	-4.9	0.51	-4.39	10.58	Pass
NVNT	ac20	5200	Ant2	-5.15	0.51	-4.64	10.58	Pass
NVNT	ac20	5200	Sum	-2.01	0.51	-1.5	10.58	Pass
NVNT	ac20	5240	Ant1	-5.55	0.5	-5.05	10.58	Pass
NVNT	ac20	5240	Ant2	-3.76	0.5	-3.26	10.58	Pass
NVNT	ac20	5240	Sum	-1.55	0.5	-1.05	10.58	Pass
NVNT	ac40	5190	Ant1	-12.57	0.94	-11.63	10.58	Pass
NVNT	ac40	5190	Ant2	-11.27	0.94	-10.33	10.58	Pass
NVNT	ac40	5190	Sum	-8.86	0.94	-7.92	10.58	Pass
NVNT	ac40	5230	Ant1	-11.15	0.95	-10.2	10.58	Pass
NVNT	ac40	5230	Ant2	-9.31	0.95	-8.36	10.58	Pass
NVNT	ac40	5230	Sum	-7.12	0.95	-6.17	10.58	Pass
NVNT	ac80	5210	Ant1	-18.62	1.69	-16.93	10.58	Pass
NVNT	ac80	5210	Ant2	-12.65	1.69	-10.96	10.58	Pass
NVNT	ac80	5210	Sum	-11.67	1.69	-9.98	10.58	Pass
NVNT	ax20	5180	Ant1	-4.37	0.58	-3.79	10.58	Pass
NVNT	ax20	5180	Ant2	-5.45	0.58	-4.87	10.58	Pass
NVNT	ax20	5180	Sum	-1.87	0.58	-1.29	10.58	Pass
NVNT	ax20	5200	Ant1	-7.79	0.56	-7.23	10.58	Pass
NVNT	ax20	5200	Ant2	-7.47	0.56	-6.91	10.58	Pass
NVNT	ax20	5200	Sum	-4.62	0.56	-4.06	10.58	Pass
NVNT	ax20	5240	Ant1	-7.31	0.55	-6.76	10.58	Pass
NVNT	ax20	5240	Ant2	-7.15	0.55	-6.6	10.58	Pass
NVNT	ax20	5240	Sum	-4.22	0.55	-3.67	10.58	Pass
NVNT	ax40	5190	Ant1	-10.85	0.99	-9.86	10.58	Pass
NVNT	ax40	5190	Ant2	-12.21	0.99	-11.22	10.58	Pass
NVNT	ax40	5190	Sum	-8.47	0.99	-7.48	10.58	Pass
NVNT	ax40	5230	Ant1	-11.81	0.99	-10.82	10.58	Pass
NVNT	ax40	5230	Ant2	-13.45	0.99	-12.46	10.58	Pass
NVNT	ax40	5230	Sum	-9.54	0.99	-8.55	10.58	Pass
NVNT	ax80	5210	Ant1	-19.39	1.65	-17.74	10.58	Pass
NVNT	ax80	5210	Ant2	-16.38	1.65	-14.73	10.58	Pass
NVNT	ax80	5210	Sum	-14.62	1.65	-12.97	10.58	Pass
NVNT	n20	5180	Ant1	-4.56	0.5	-4.06	10.58	Pass
NVNT	n20	5180	Ant2	-5.35	0.5	-4.85	10.58	Pass
NVNT	n20	5180	Sum	-1.93	0.5	-1.43	10.58	Pass
NVNT	n20	5200	Ant1	-4.78	0.5	-4.28	10.58	Pass
NVNT	n20	5200	Ant2	-5.14	0.5	-4.64	10.58	Pass

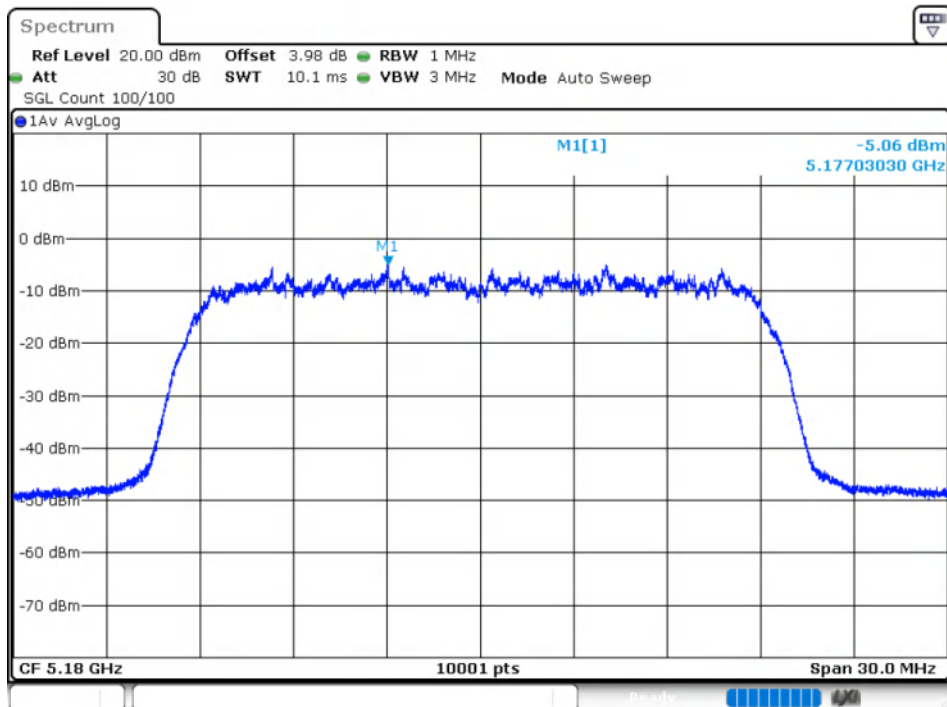
NVNT	n20	5200	Sum	-1.95	0.5	-1.45	10.58	Pass
NVNT	n20	5240	Ant1	-4.27	0.51	-3.76	10.58	Pass
NVNT	n20	5240	Ant2	-3.84	0.51	-3.33	10.58	Pass
NVNT	n20	5240	Sum	-1.04	0.51	-0.53	10.58	Pass
NVNT	n40	5190	Ant1	-12.62	0.95	-11.67	10.58	Pass
NVNT	n40	5190	Ant2	-11.56	0.95	-10.61	10.58	Pass
NVNT	n40	5190	Sum	-9.05	0.95	-8.1	10.58	Pass
NVNT	n40	5230	Ant1	-12.28	0.95	-11.33	10.58	Pass
NVNT	n40	5230	Ant2	-11.97	0.95	-11.02	10.58	Pass
NVNT	n40	5230	Sum	-9.11	0.95	-8.16	10.58	Pass

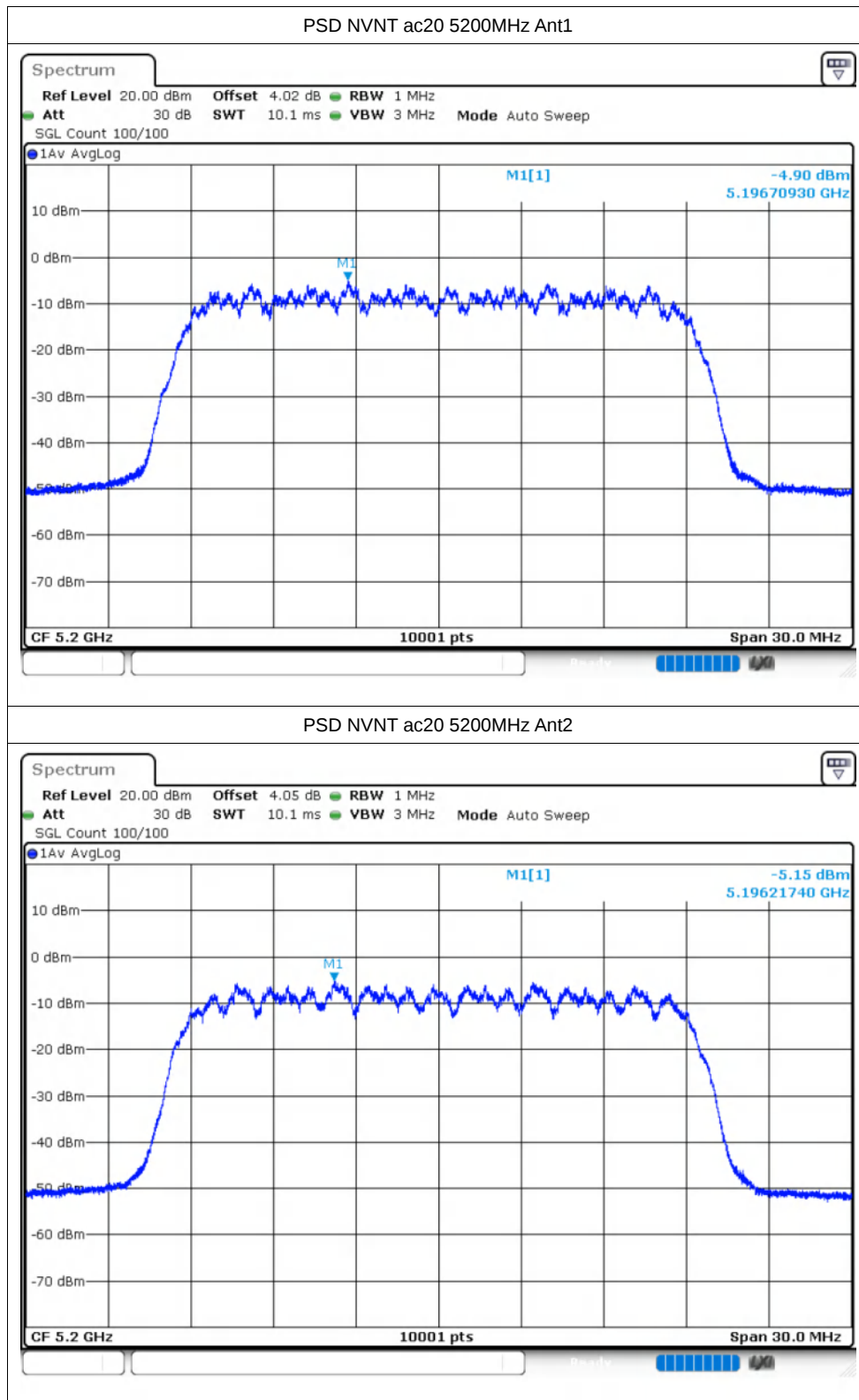
Test Graphs

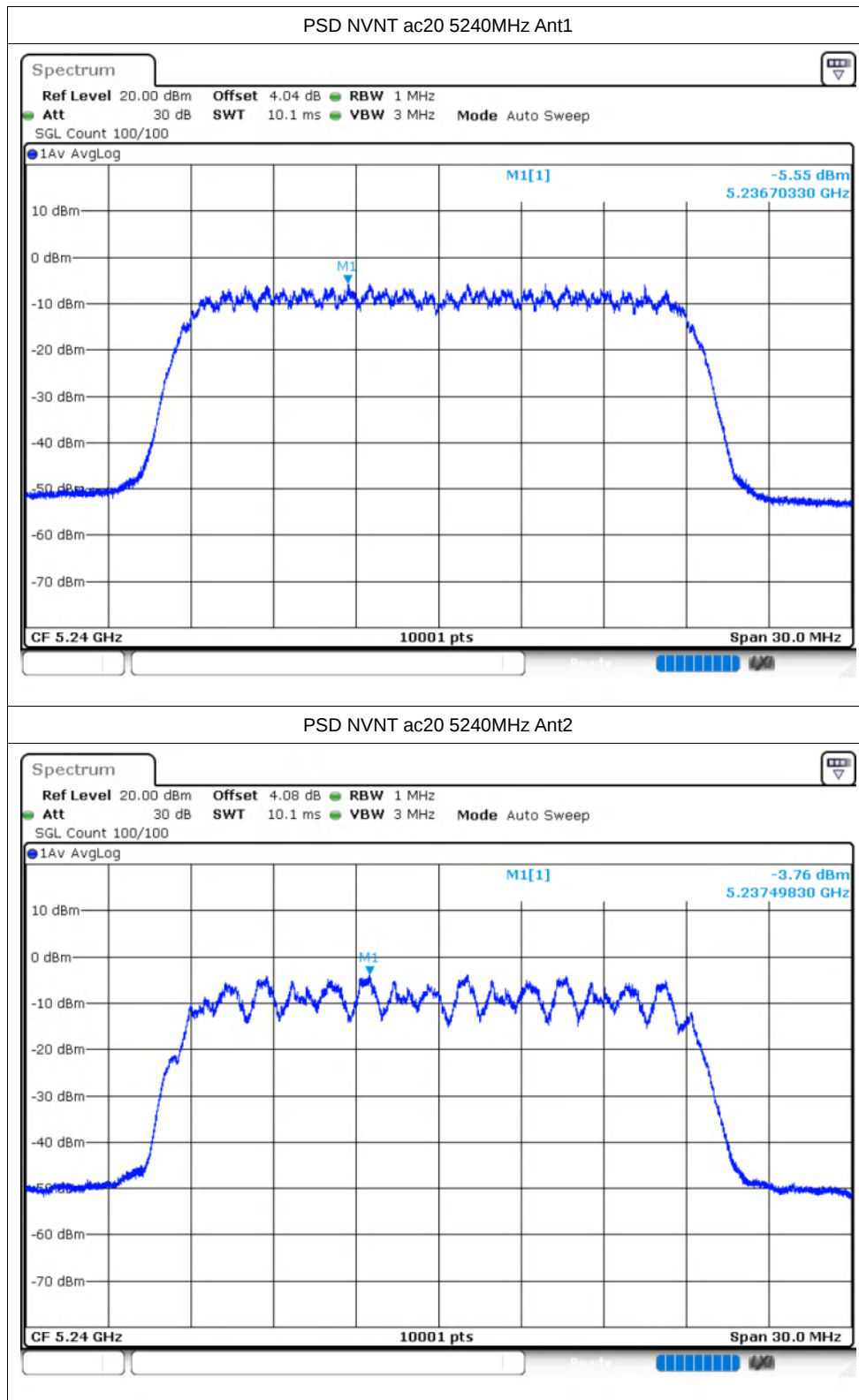
PSD NVNT ac20 5180MHz Ant1

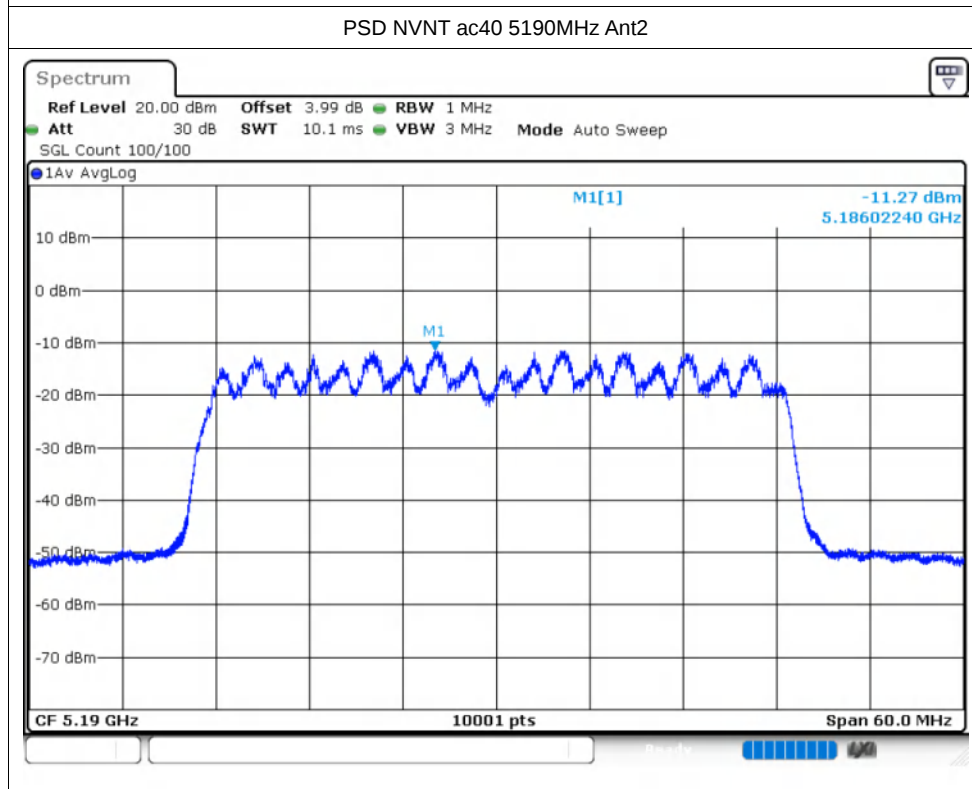
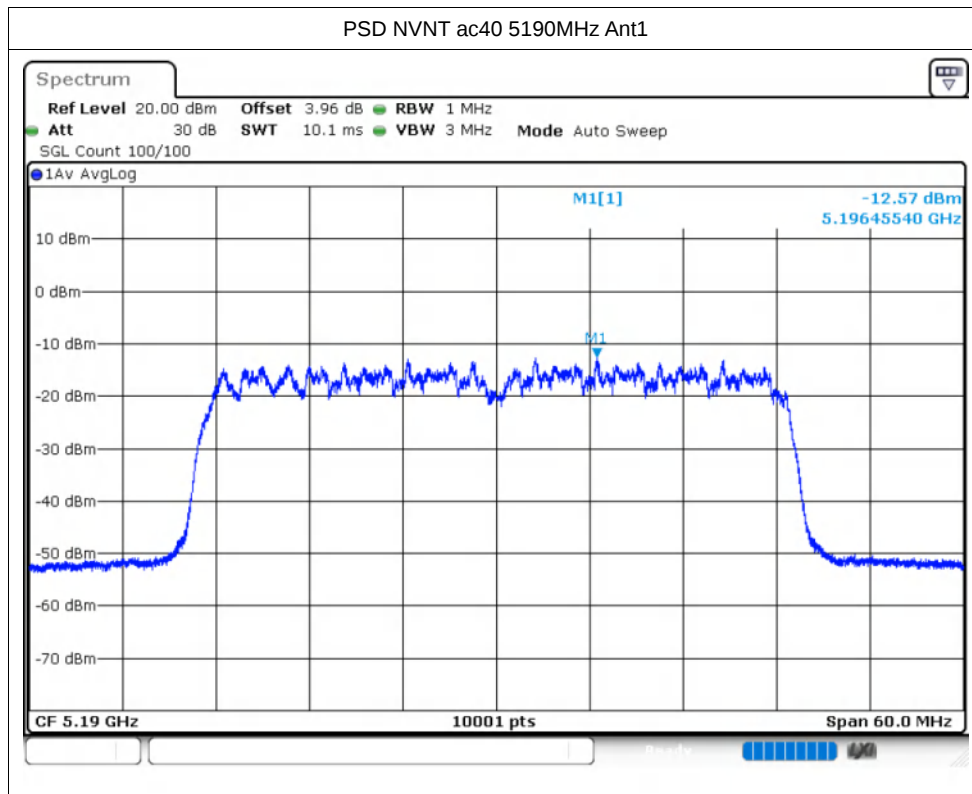


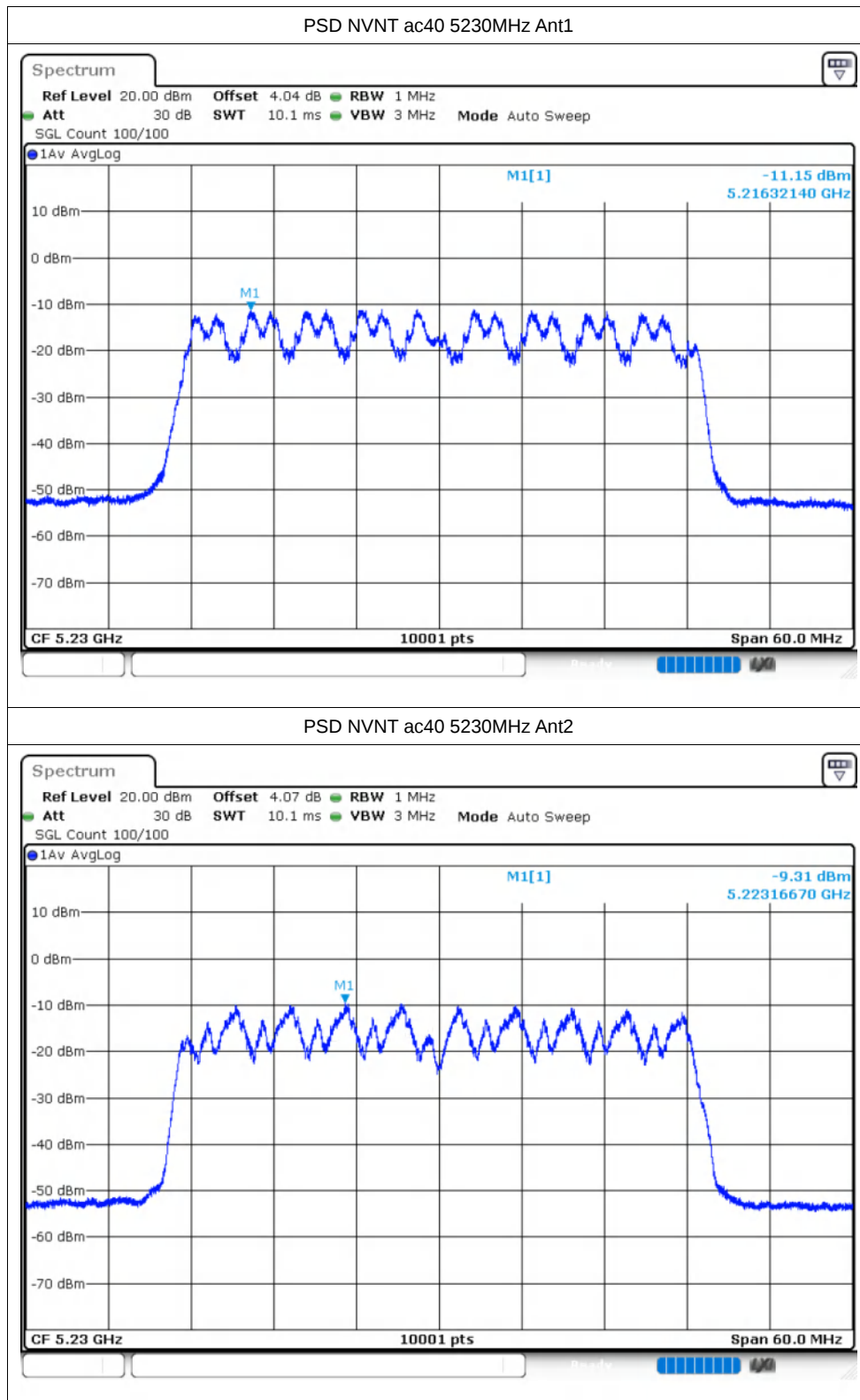
PSD NVNT ac20 5180MHz Ant2



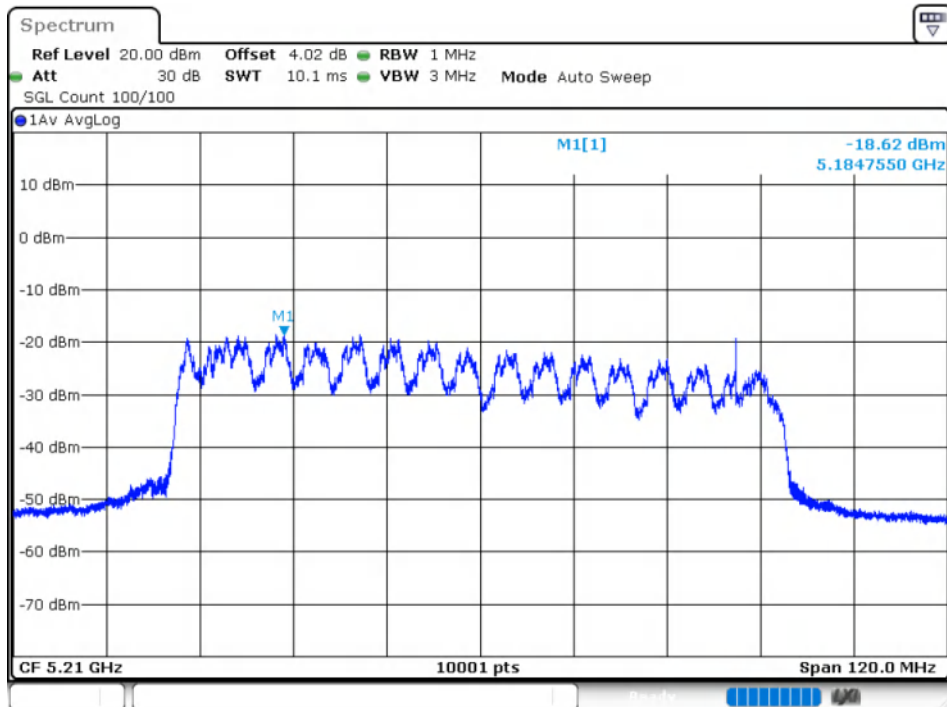




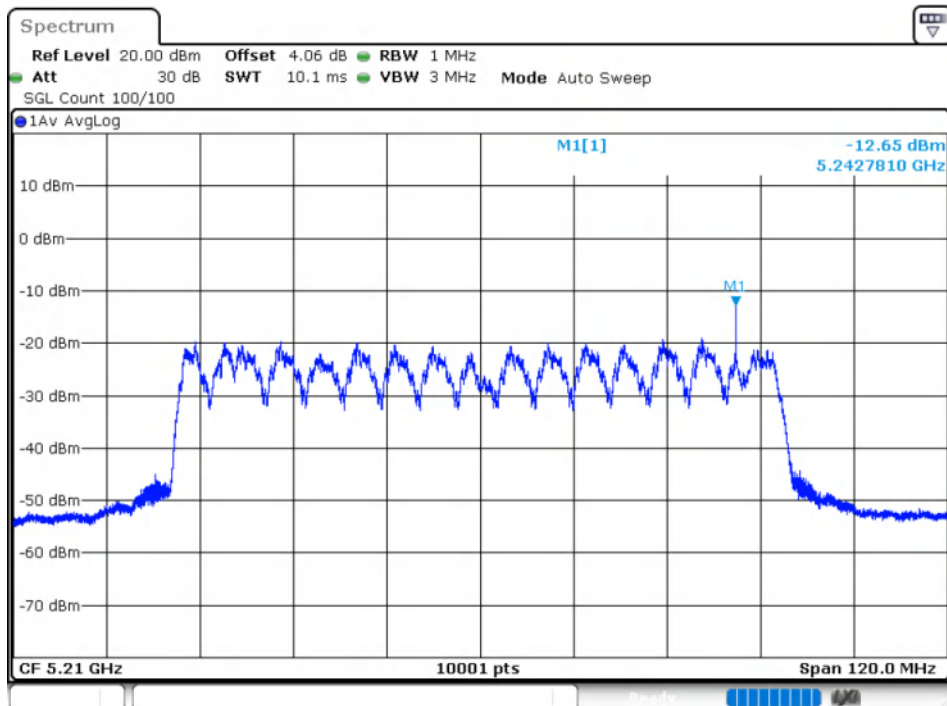




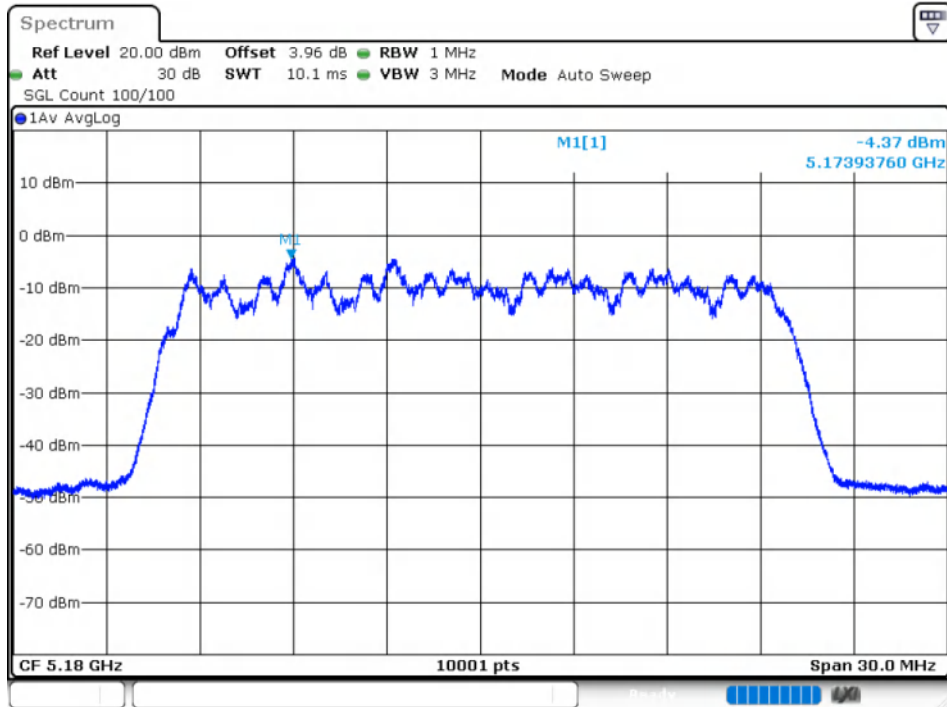
PSD NVNT ac80 5210MHz Ant1



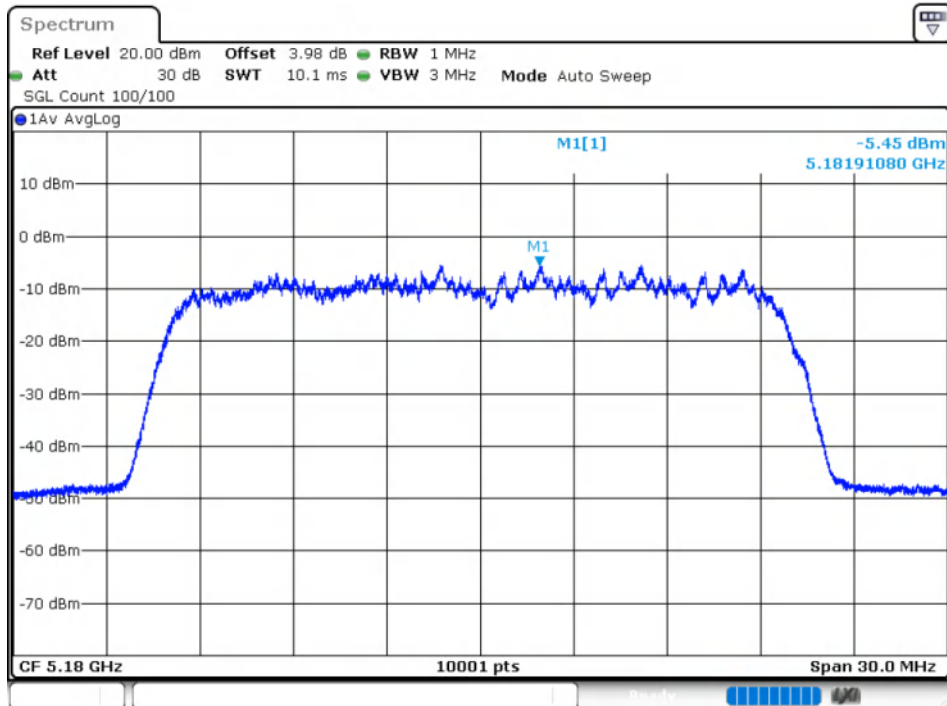
PSD NVNT ac80 5210MHz Ant2

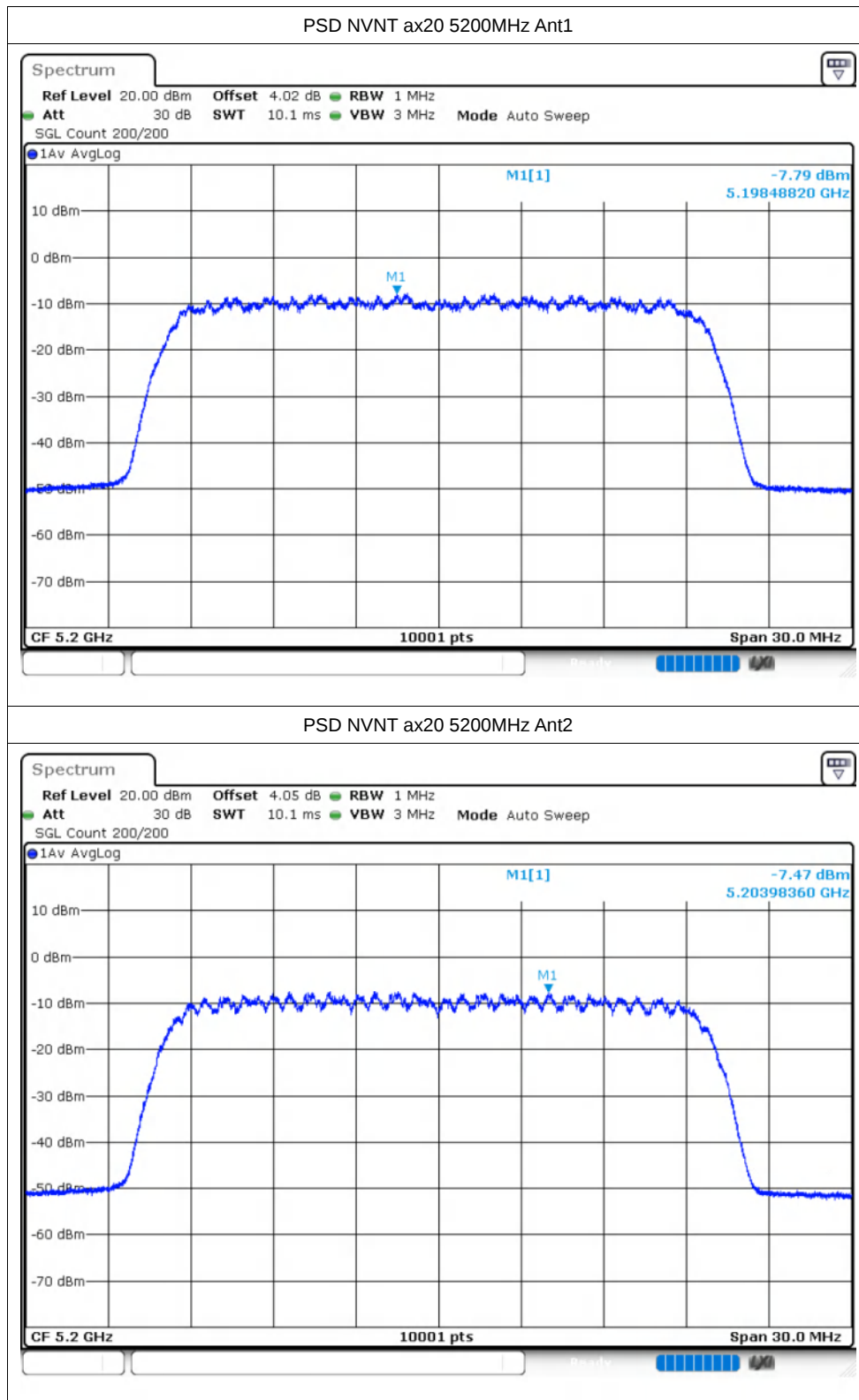


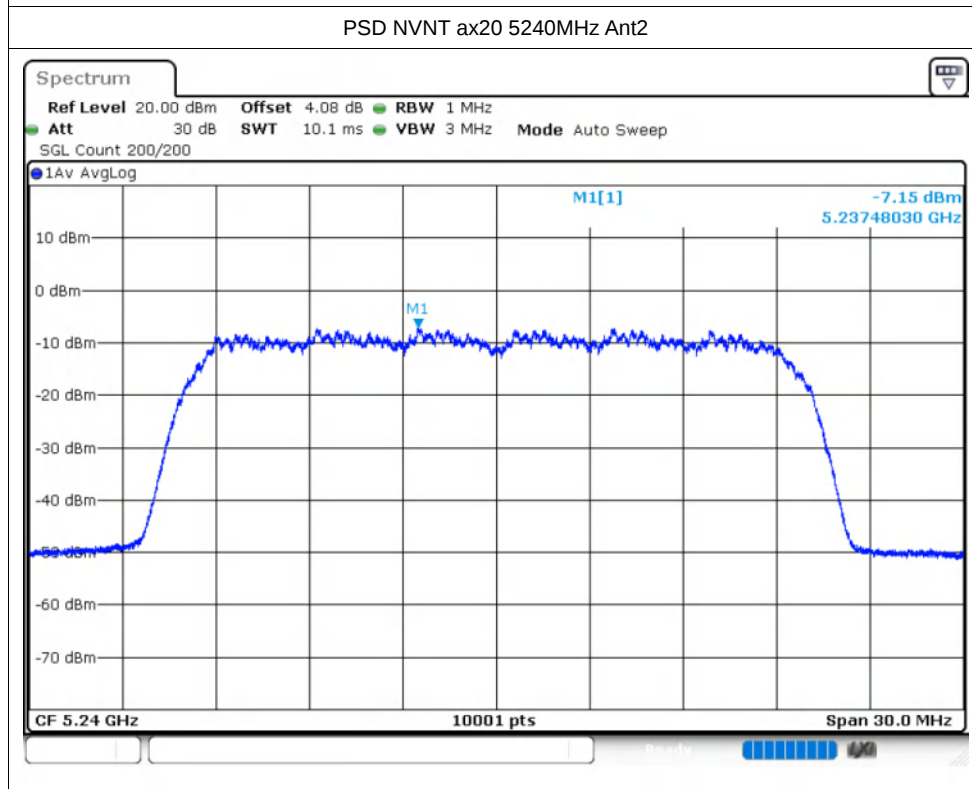
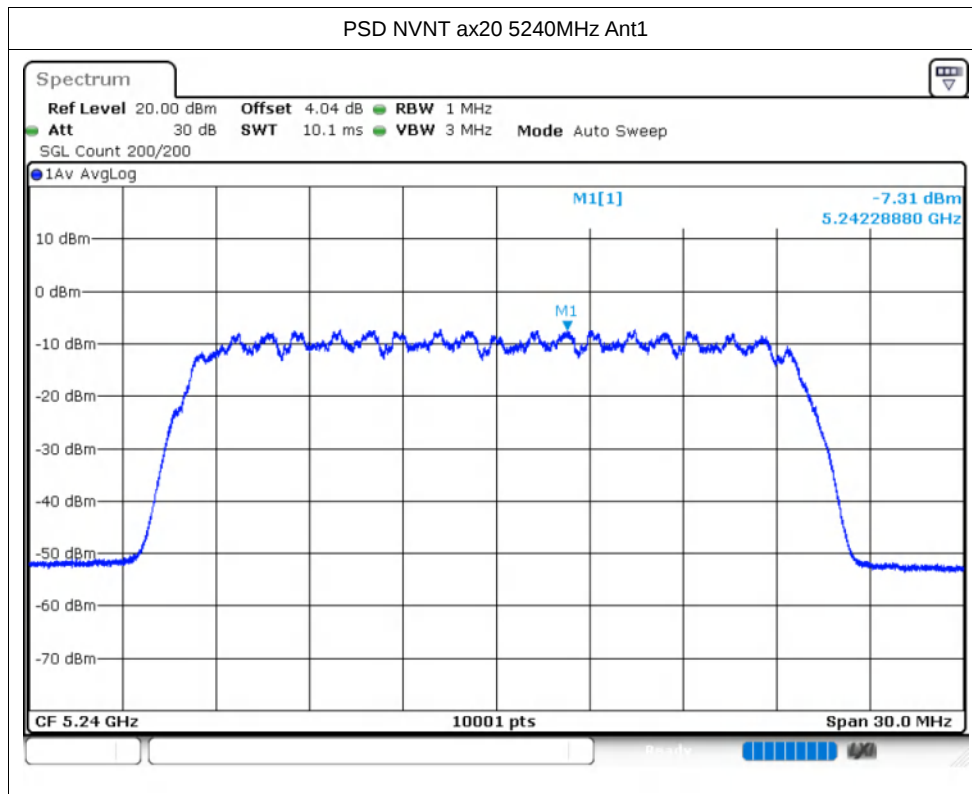
PSD NVNT ax20 5180MHz Ant1

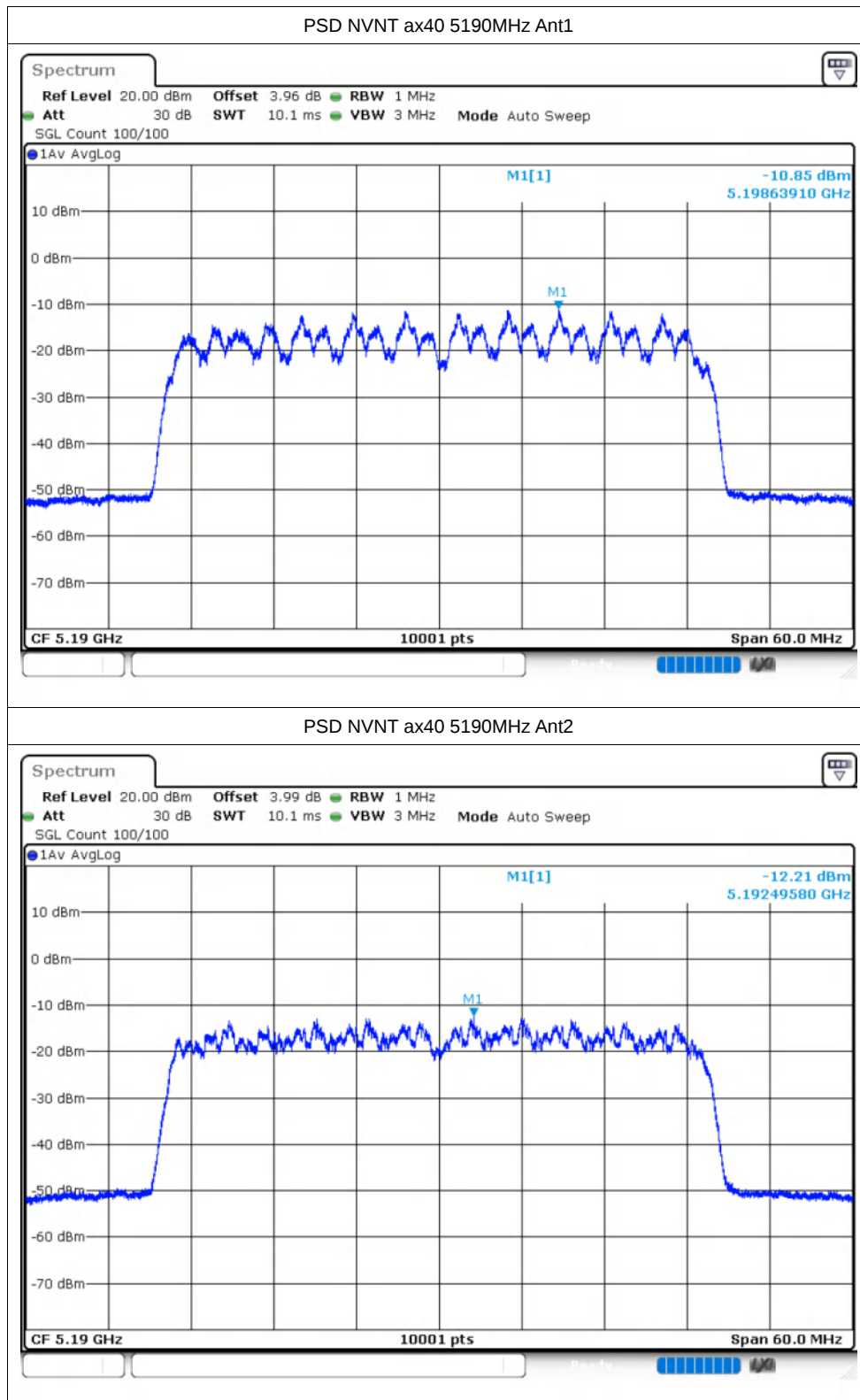


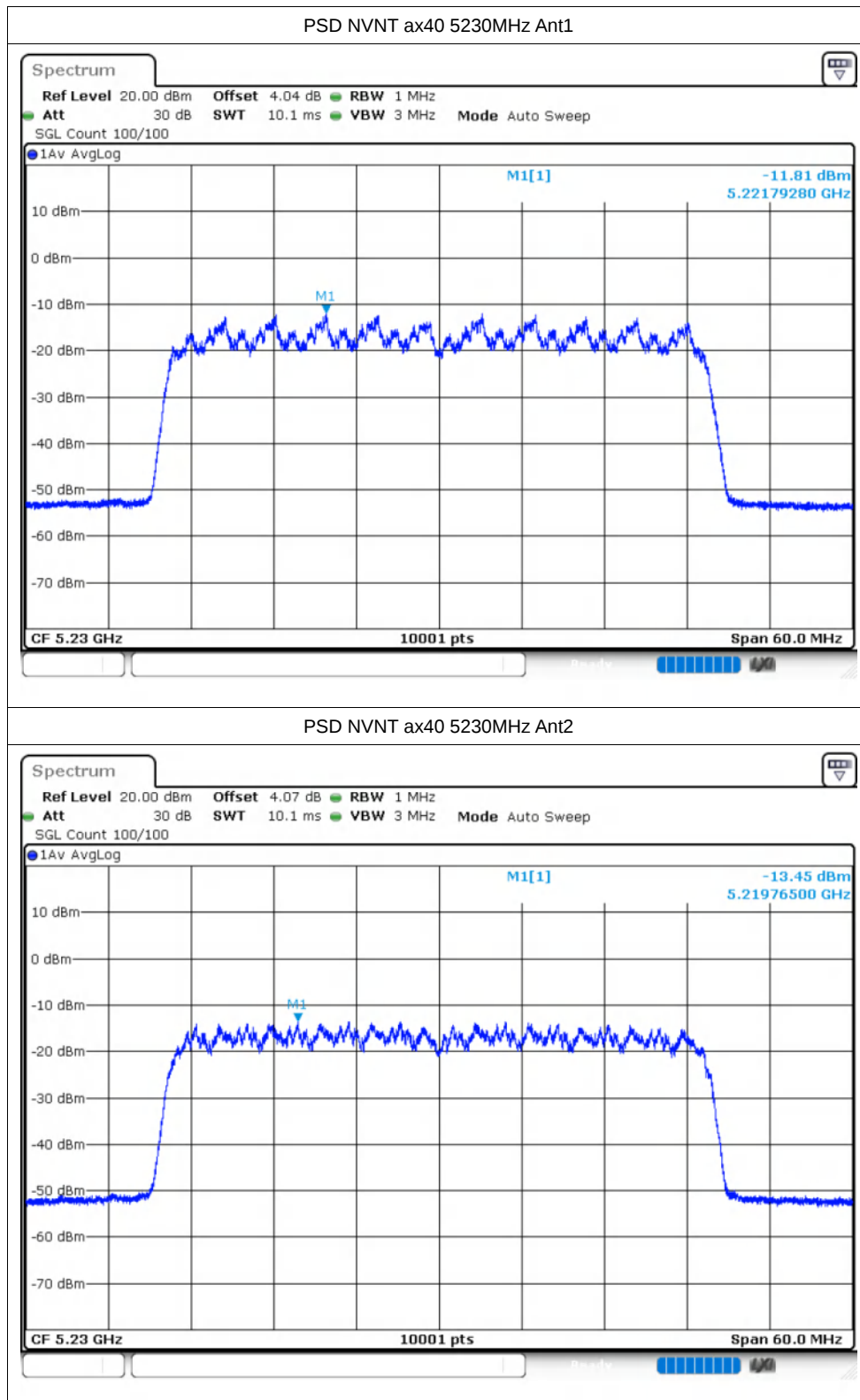
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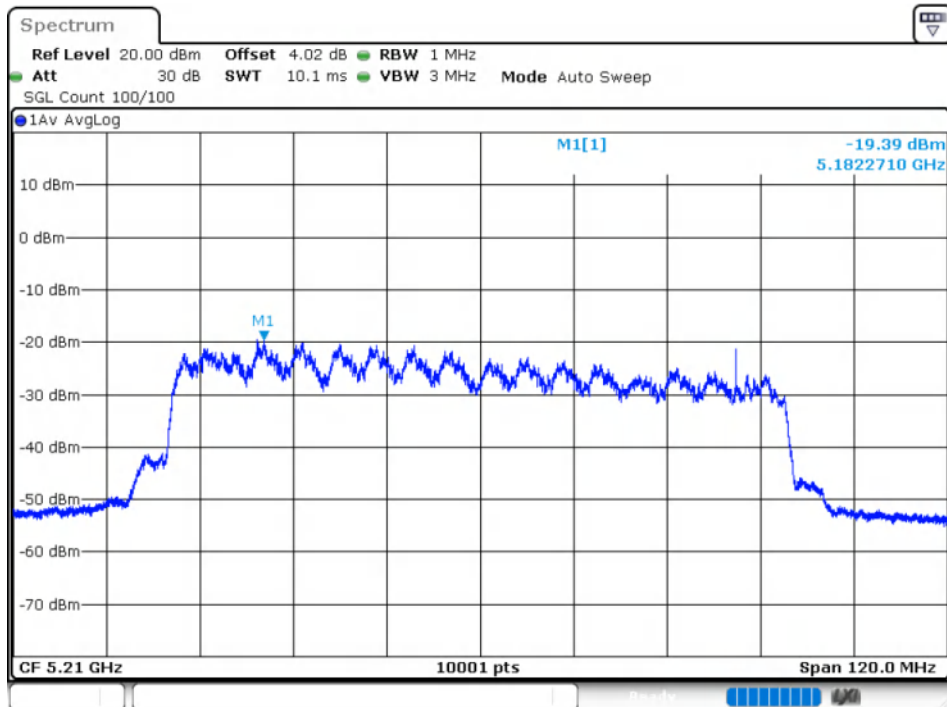








PSD NVNT ax80 5210MHz Ant1



PSD NVNT ax80 5210MHz Ant2

