

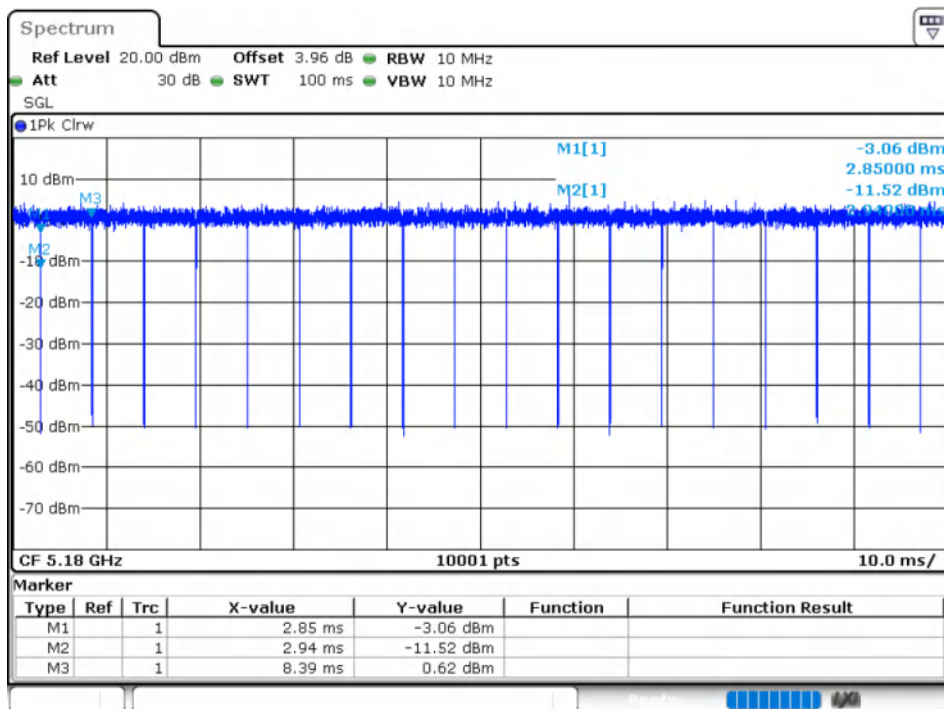
5.2G WIFI

Duty Cycle

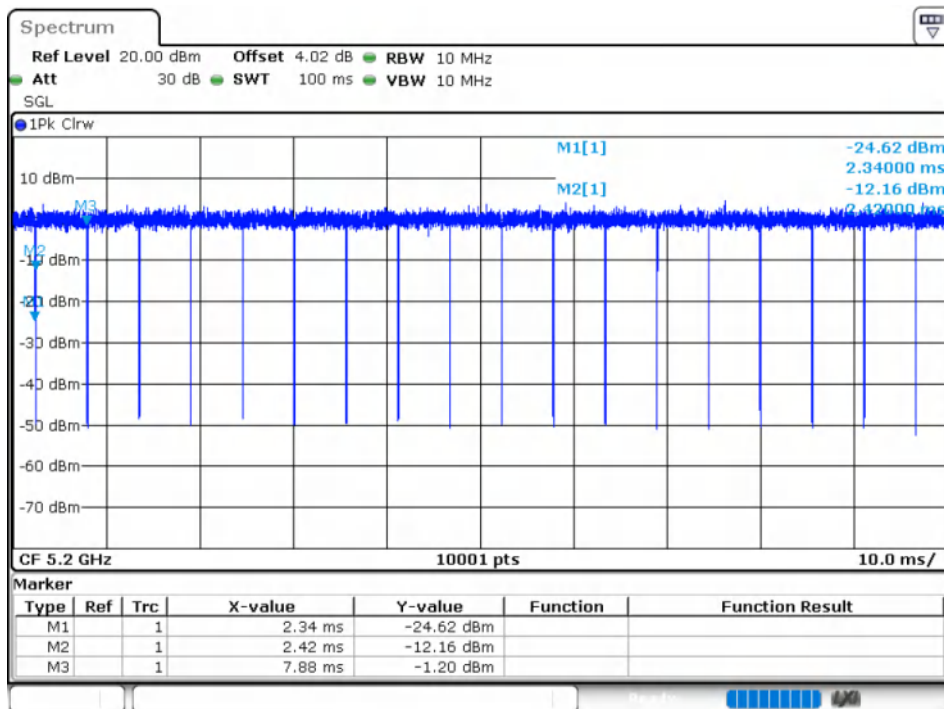
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	98.58	0.06	0.18
NVNT	a	5200	Ant1	98.59	0.06	0.18
NVNT	a	5240	Ant1	98.63	0.06	0.18
NVNT	n20	5180	Ant1	98.53	0.06	0.19
NVNT	n20	5200	Ant1	98.56	0.06	0.19
NVNT	n20	5240	Ant1	98.56	0.06	0.19
NVNT	n40	5190	Ant1	56.8	2.46	0.33
NVNT	n40	5230	Ant1	56.96	2.44	0.33
NVNT	ac20	5180	Ant1	98.55	0.06	0.19
NVNT	ac20	5200	Ant1	98.59	0.06	0.19
NVNT	ac20	5240	Ant1	98.52	0.06	0.19
NVNT	ac40	5190	Ant1	96.73	0.14	0.19
NVNT	ac40	5230	Ant1	96.41	0.16	0.19
NVNT	ac80	5210	Ant1	89.49	0.48	0.21
NVNT	ax20	5180	Ant1	87.11	0.6	0.22
NVNT	ax20	5200	Ant1	87.21	0.59	0.22
NVNT	ax20	5240	Ant1	87.01	0.6	0.22
NVNT	ax40	5190	Ant1	87.2	0.59	0.22
NVNT	ax40	5230	Ant1	87	0.6	0.22
NVNT	ax80	5210	Ant1	83.52	0.78	0.23

Test Graphs

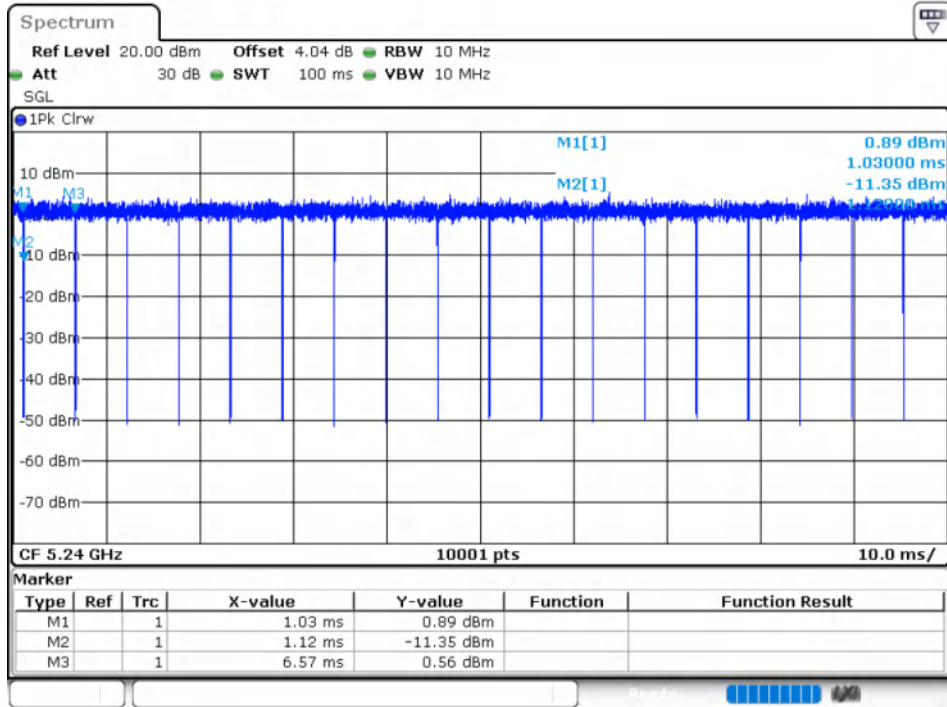
Duty Cycle NVNT a 5180MHz Ant1



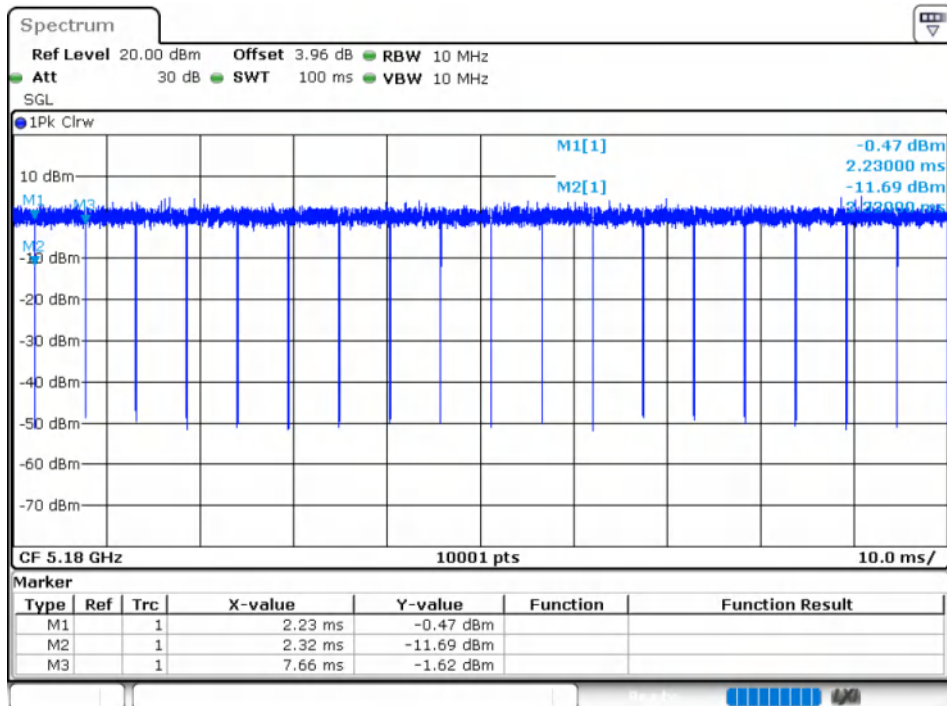
Duty Cycle NVNT a 5200MHz Ant1



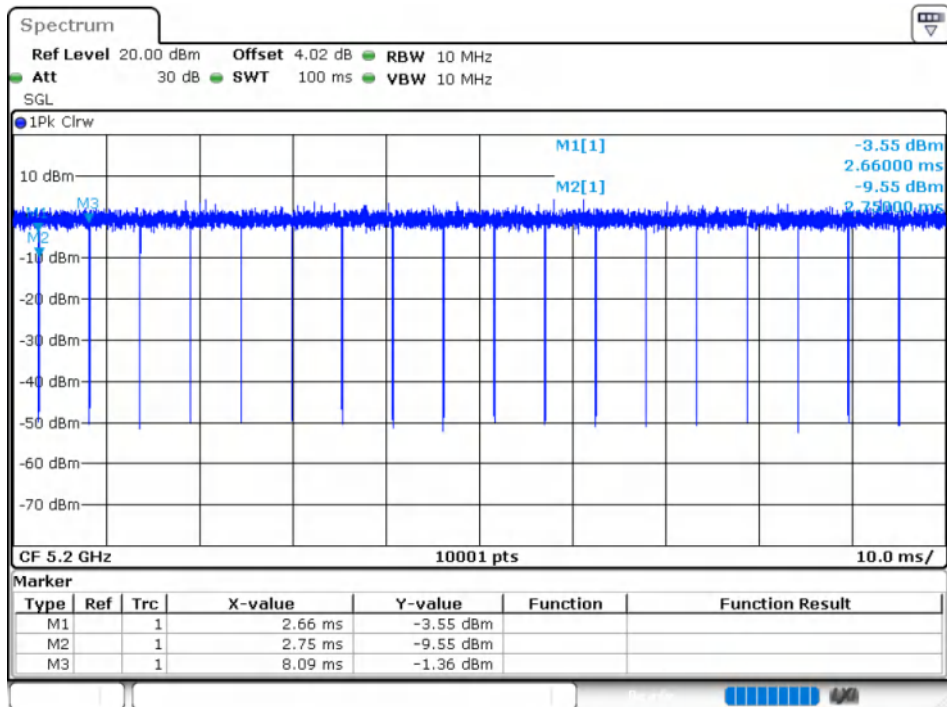
Duty Cycle NVNT a 5240MHz Ant1



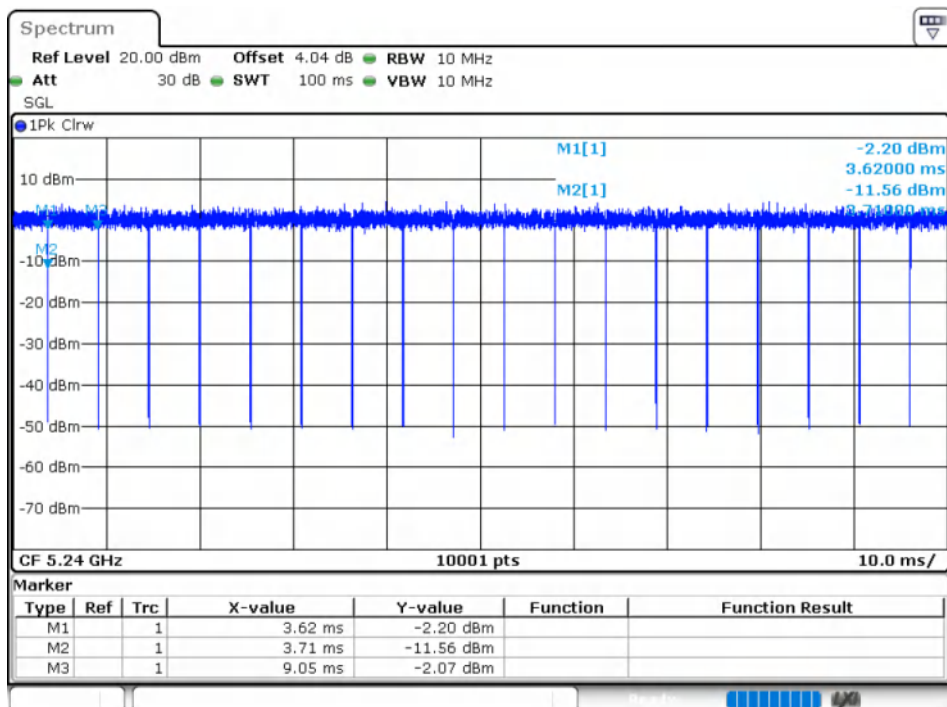
Duty Cycle NVNT n20 5180MHz Ant1



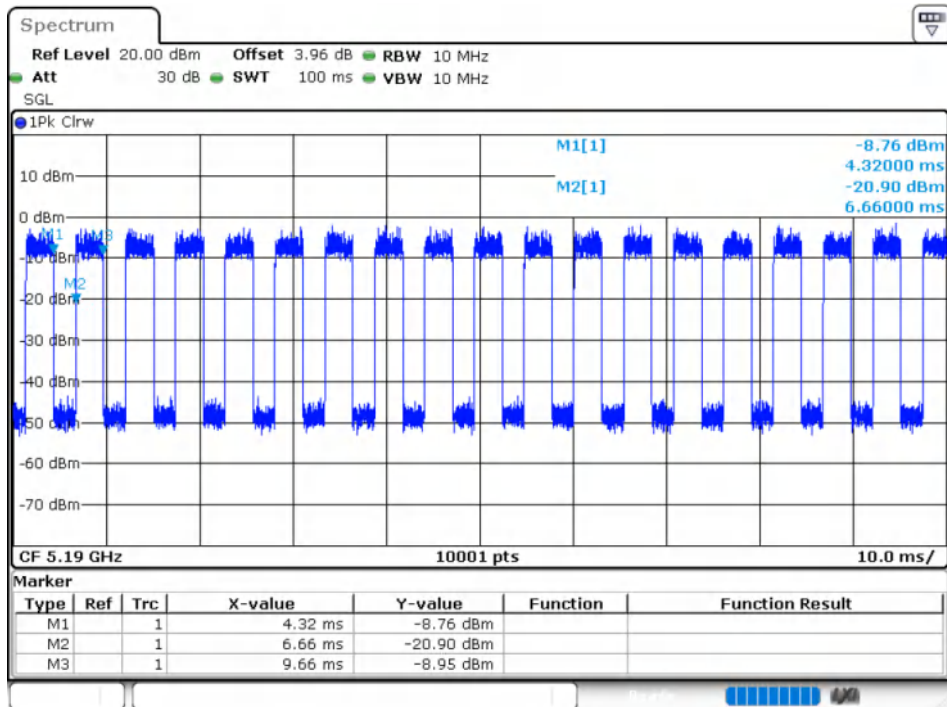
Duty Cycle NVNT n20 5200MHz Ant1



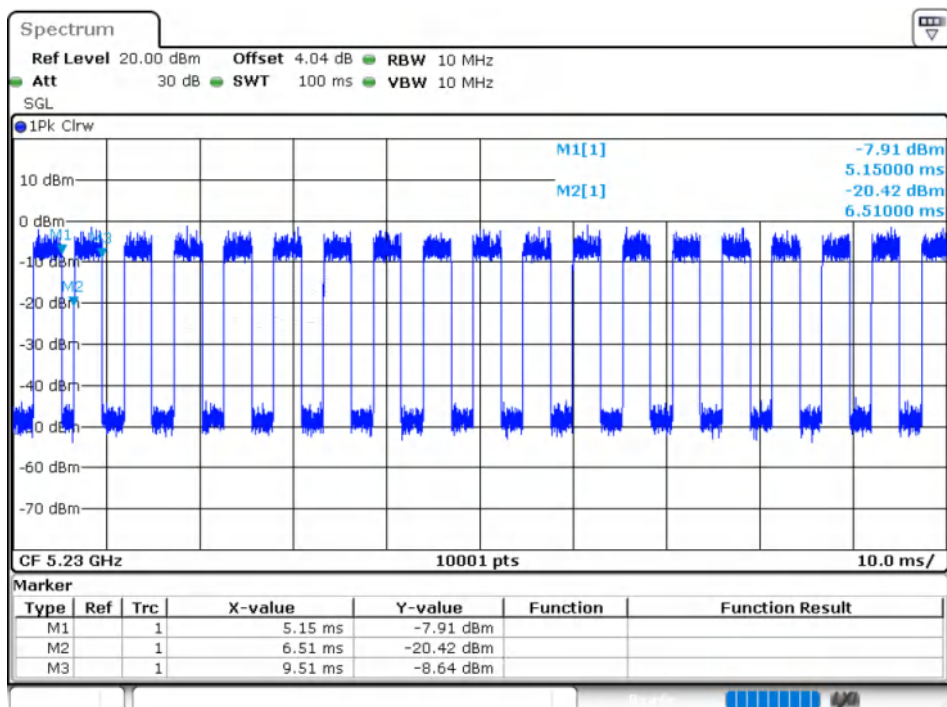
Duty Cycle NVNT n20 5240MHz Ant1



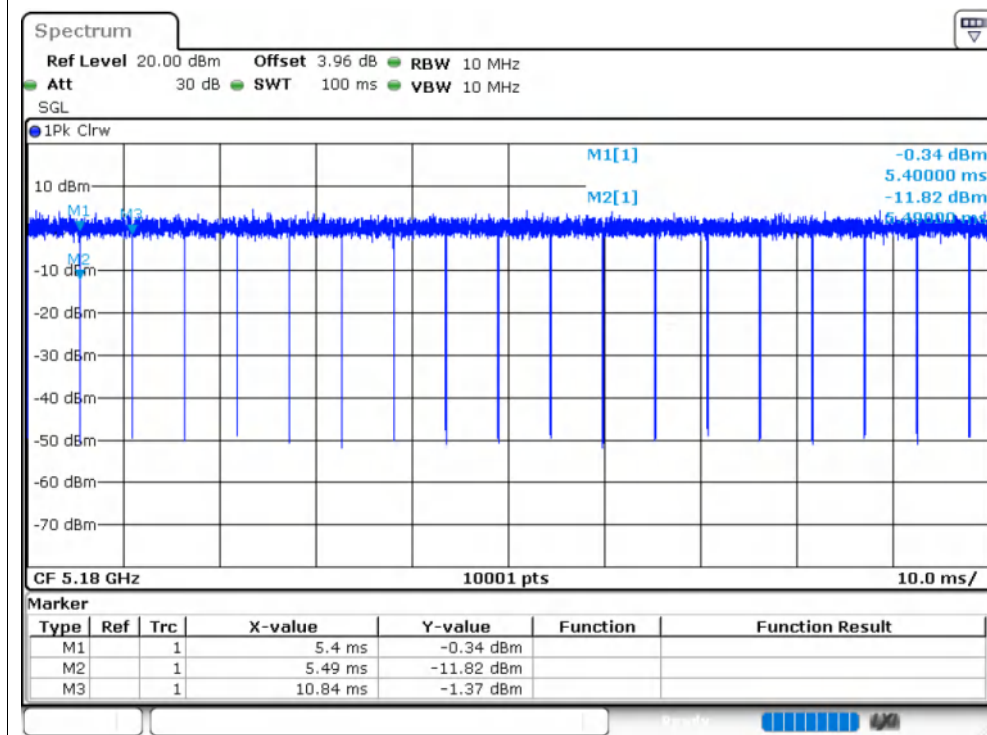
Duty Cycle NVNT n40 5190MHz Ant1



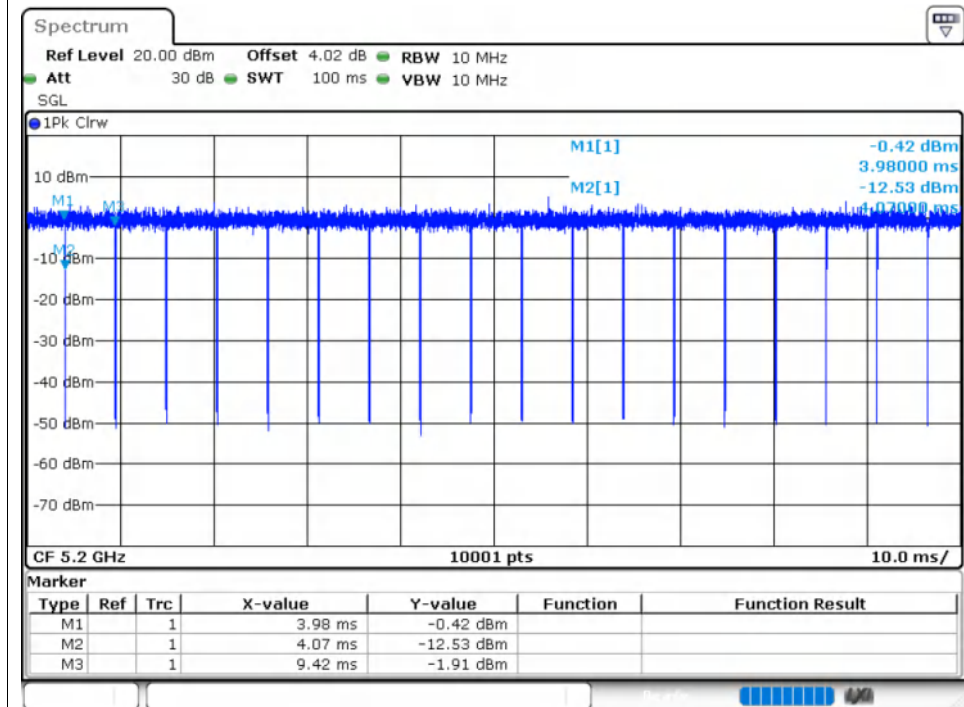
Duty Cycle NVNT n40 5230MHz Ant1



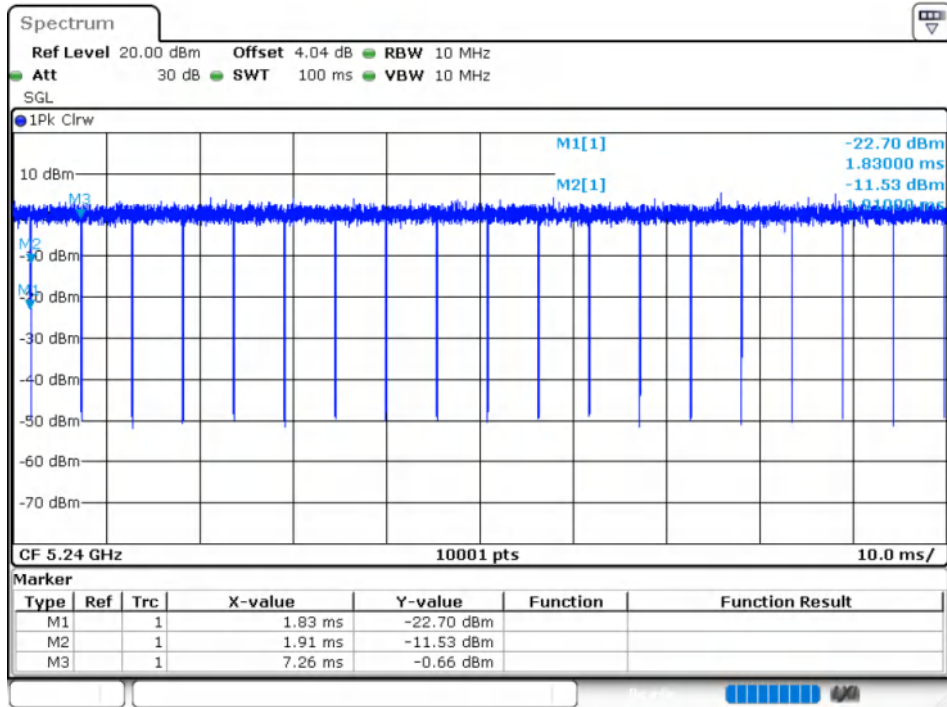
Duty Cycle NVNT ac20 5180MHz Ant1



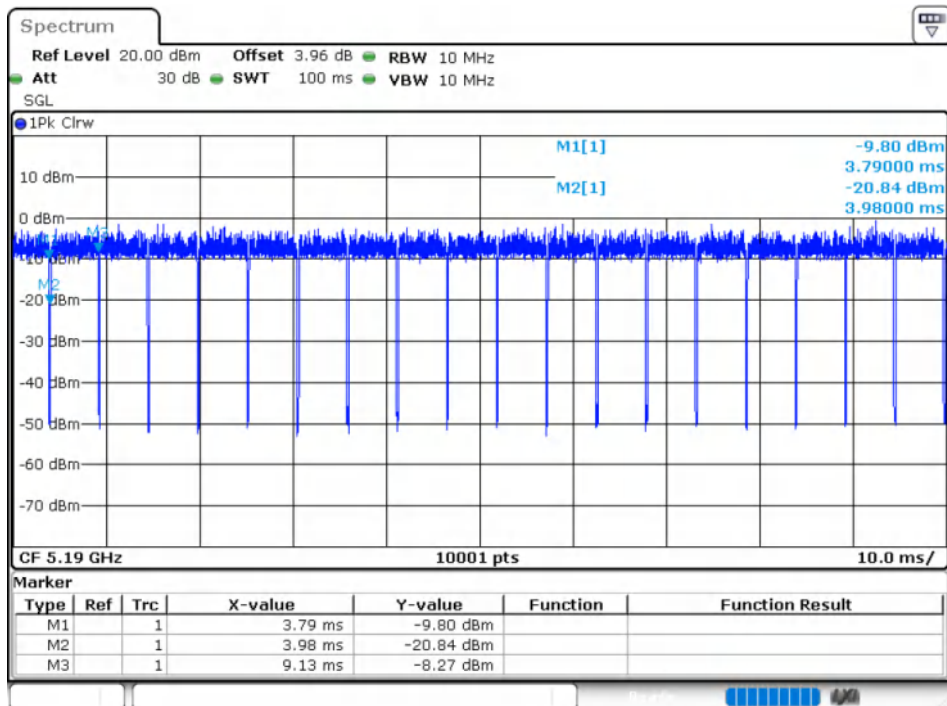
Duty Cycle NVNT ac20 5200MHz Ant1



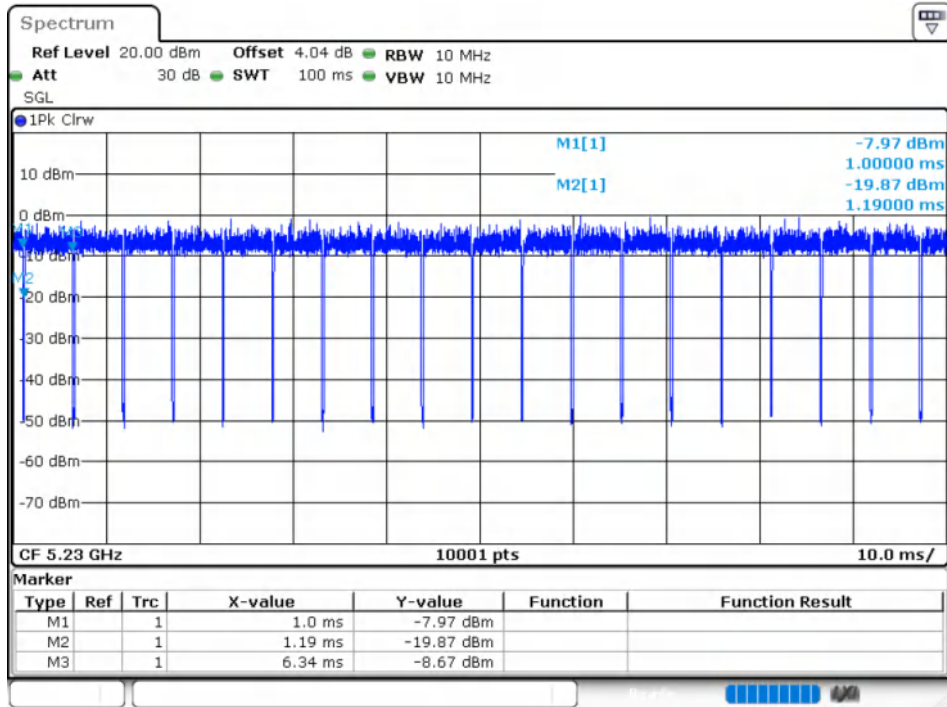
Duty Cycle NVNT ac20 5240MHz Ant1



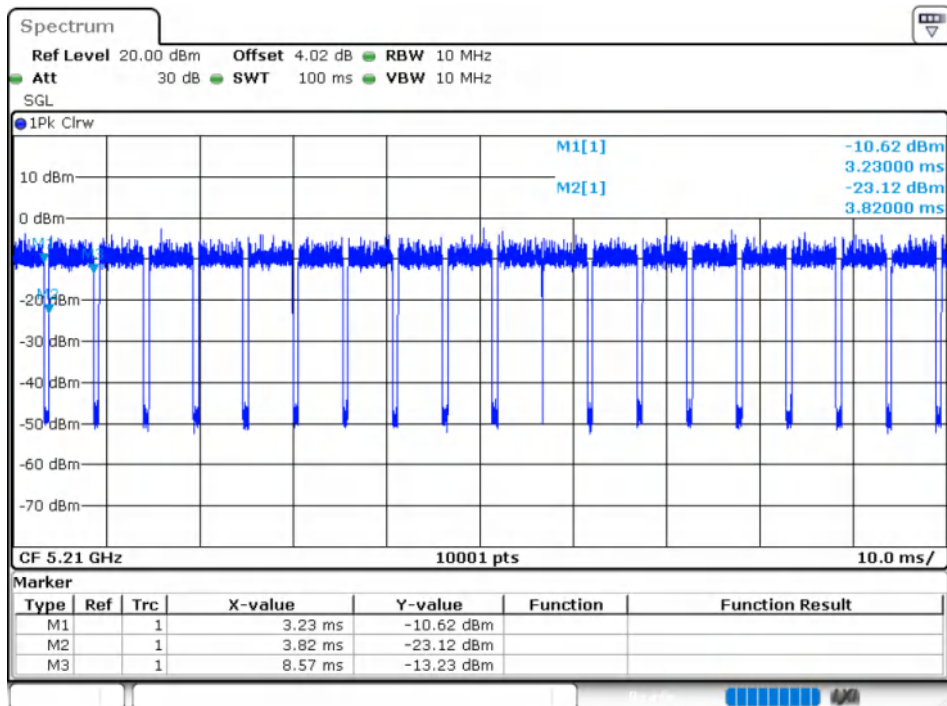
Duty Cycle NVNT ac40 5190MHz Ant1



Duty Cycle NVNT ac40 5230MHz Ant1



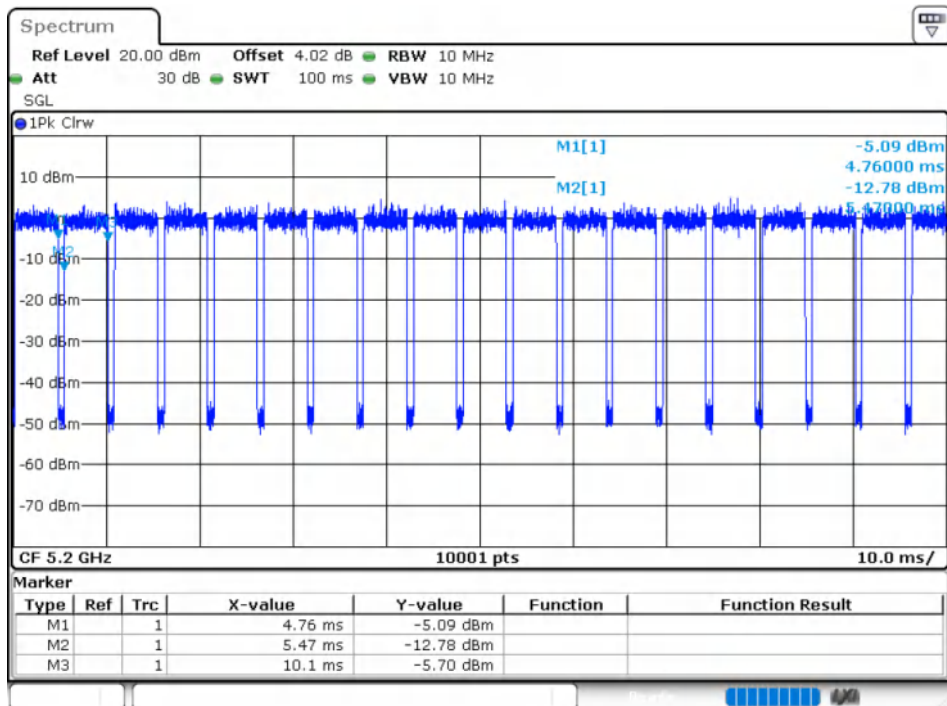
Duty Cycle NVNT ac80 5210MHz Ant1



Duty Cycle NVNT ax20 5180MHz Ant1



Duty Cycle NVNT ax20 5200MHz Ant1



Duty Cycle NVNT ax20 5240MHz Ant1



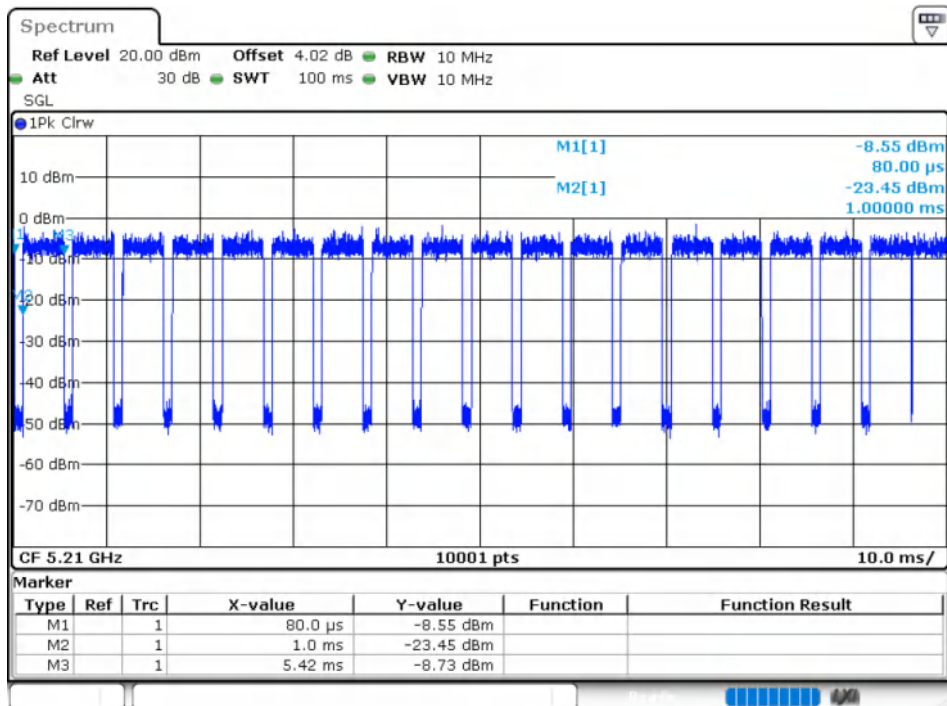
Duty Cycle NVNT ax40 5190MHz Ant1



Duty Cycle NVNT ax40 5230MHz Ant1



Duty Cycle NVNT ax80 5210MHz Ant1



Maximum Conducted Output Power

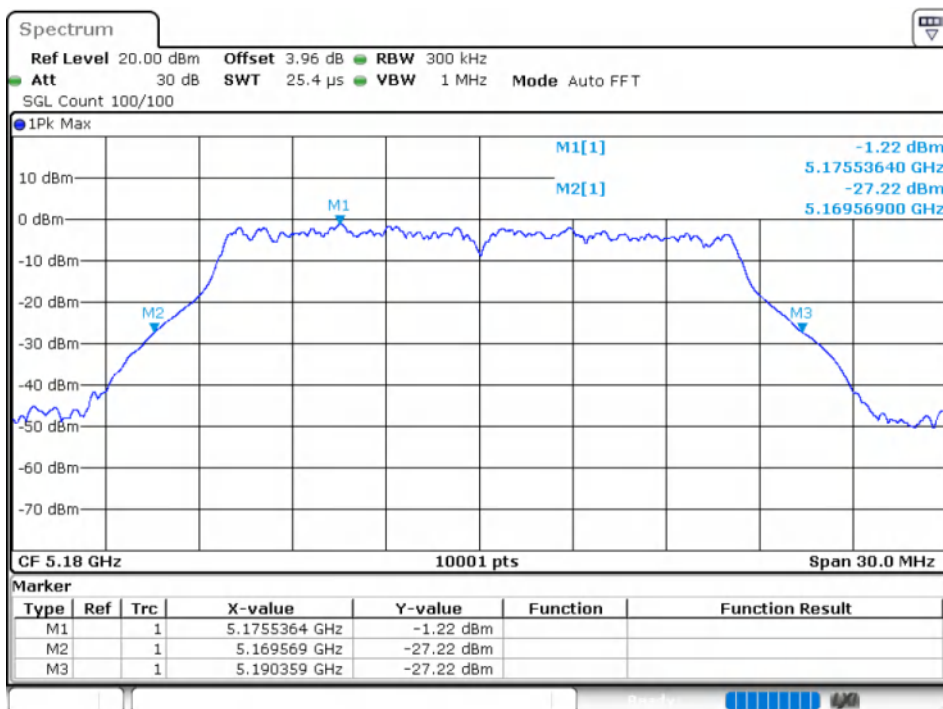
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	9.49	0.06	9.55	24	Pass
NVNT	a	5200	Ant1	9.34	0.06	9.4	24	Pass
NVNT	a	5240	Ant1	8.66	0.06	8.72	24	Pass
NVNT	n20	5180	Ant1	9.27	0.06	9.33	24	Pass
NVNT	n20	5200	Ant1	8.89	0.06	8.95	24	Pass
NVNT	n20	5240	Ant1	8.51	0.06	8.57	24	Pass
NVNT	n40	5190	Ant1	6.84	2.46	9.3	24	Pass
NVNT	n40	5230	Ant1	6.72	2.44	9.16	24	Pass
NVNT	ac20	5180	Ant1	9.46	0.06	9.52	24	Pass
NVNT	ac20	5200	Ant1	8.97	0.06	9.03	24	Pass
NVNT	ac20	5240	Ant1	8.65	0.06	8.71	24	Pass
NVNT	ac40	5190	Ant1	8.94	0.14	9.08	24	Pass
NVNT	ac40	5230	Ant1	8.83	0.16	8.99	24	Pass
NVNT	ac80	5210	Ant1	8.36	0.48	8.84	24	Pass
NVNT	ax20	5180	Ant1	8.75	0.6	9.35	24	Pass
NVNT	ax20	5200	Ant1	8.85	0.59	9.44	24	Pass
NVNT	ax20	5240	Ant1	8.01	0.6	8.61	24	Pass
NVNT	ax40	5190	Ant1	8.7	0.59	9.29	24	Pass
NVNT	ax40	5230	Ant1	8.25	0.6	8.85	24	Pass
NVNT	ax80	5210	Ant1	7.93	0.78	8.71	24	Pass

-26dB Bandwidth

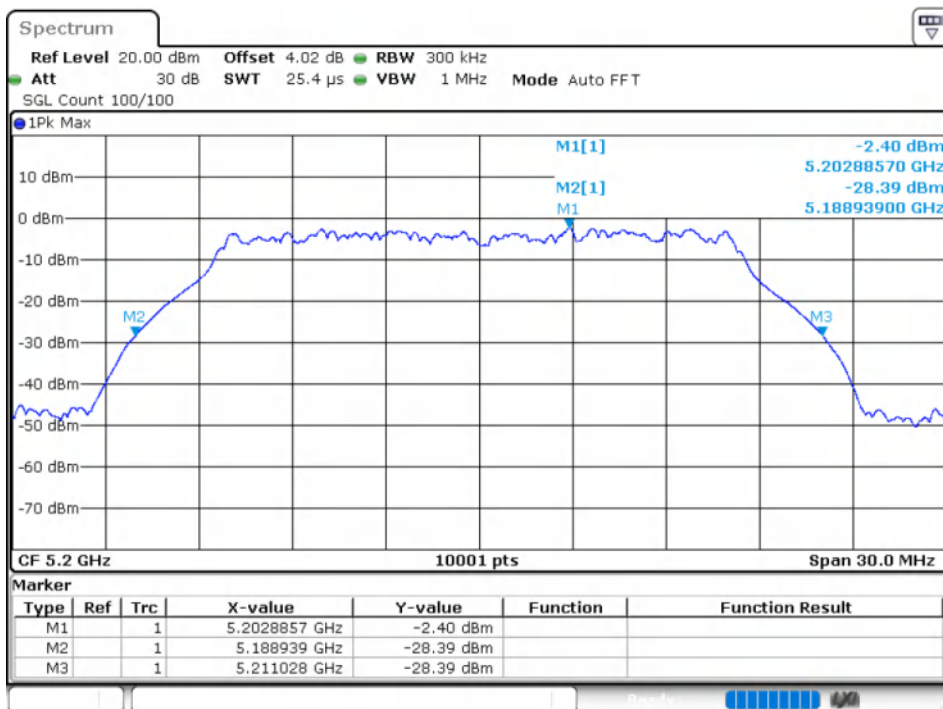
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	20.79
NVNT	a	5200	Ant1	22.089
NVNT	a	5240	Ant1	21.546
NVNT	n20	5180	Ant1	21.807
NVNT	n20	5200	Ant1	21.564
NVNT	n20	5240	Ant1	21.873
NVNT	n40	5190	Ant1	41.538
NVNT	n40	5230	Ant1	41.046
NVNT	ac20	5180	Ant1	21.654
NVNT	ac20	5200	Ant1	21.882
NVNT	ac20	5240	Ant1	21.597
NVNT	ac40	5190	Ant1	41.01
NVNT	ac40	5230	Ant1	41.1
NVNT	ac80	5210	Ant1	80.988
NVNT	ax20	5180	Ant1	21.861
NVNT	ax20	5200	Ant1	22.044
NVNT	ax20	5240	Ant1	21.33
NVNT	ax40	5190	Ant1	41.664
NVNT	ax40	5230	Ant1	41.388
NVNT	ax80	5210	Ant1	83.004

Test Graphs

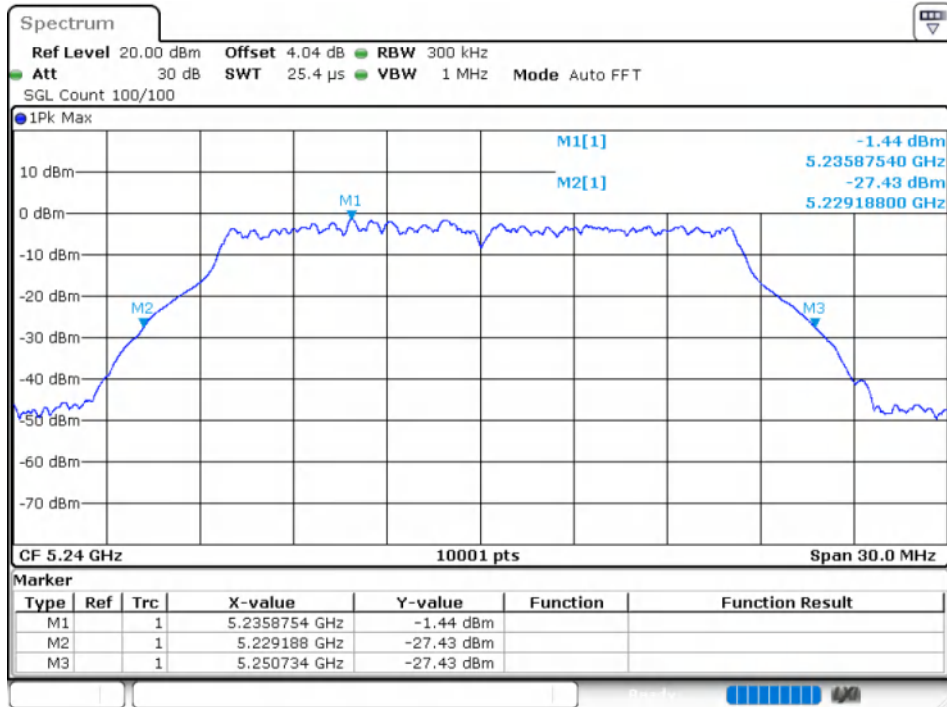
-26dB Bandwidth NVNT a 5180MHz Ant1



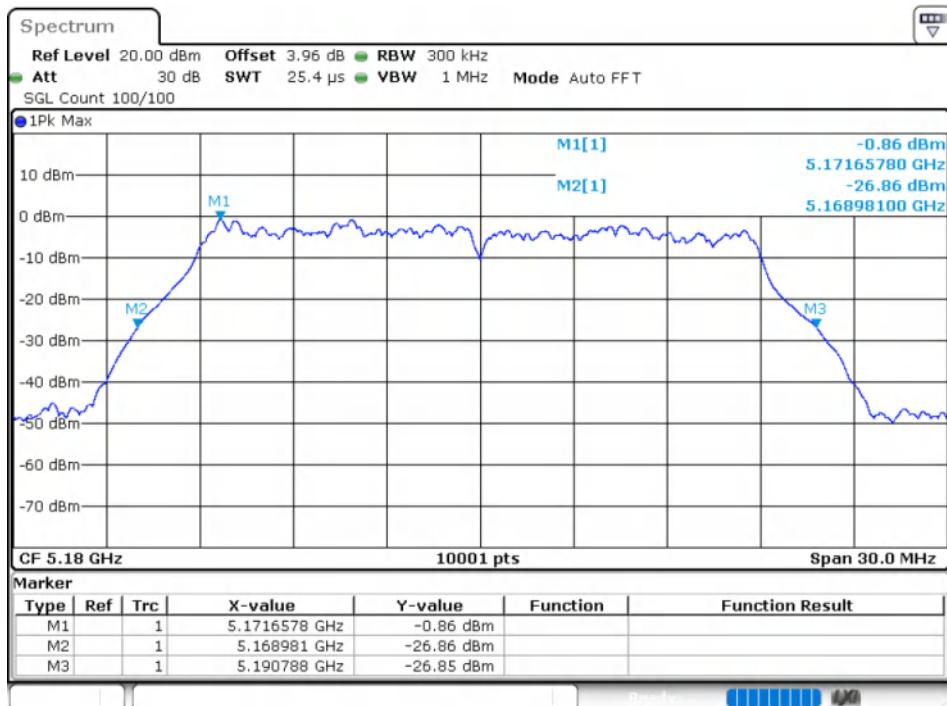
-26dB Bandwidth NVNT a 5200MHz Ant1



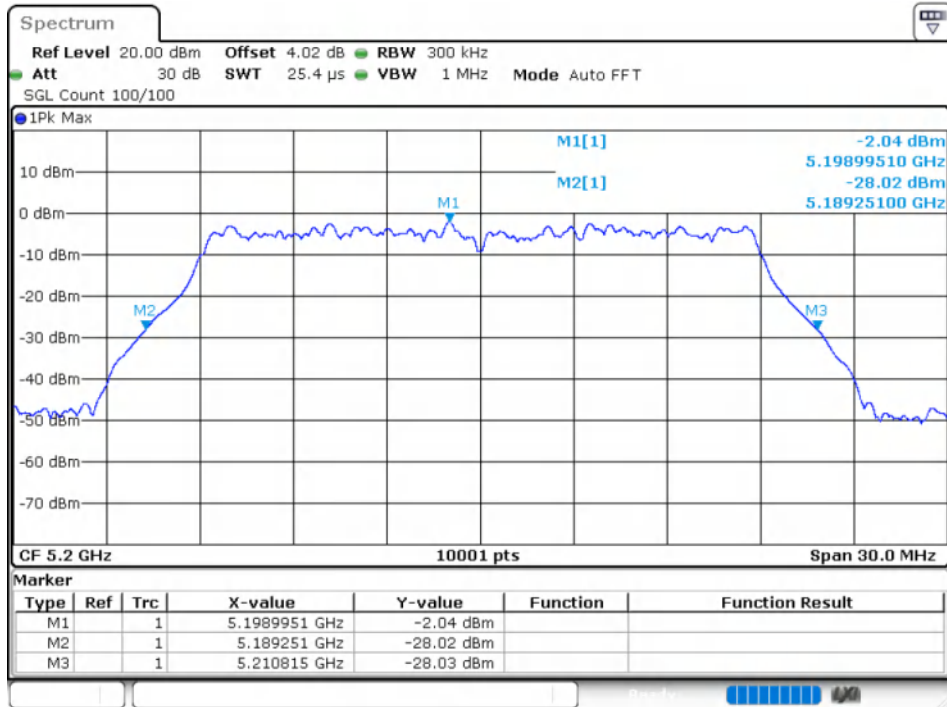
-26dB Bandwidth NVNT a 5240MHz Ant1



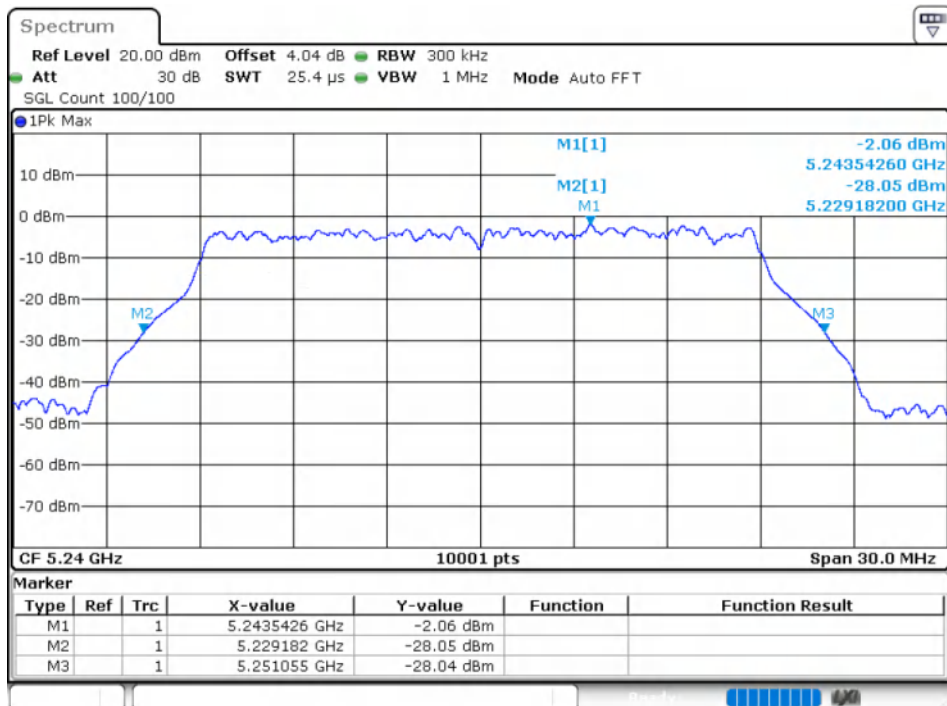
-26dB Bandwidth NVNT n20 5180MHz Ant1



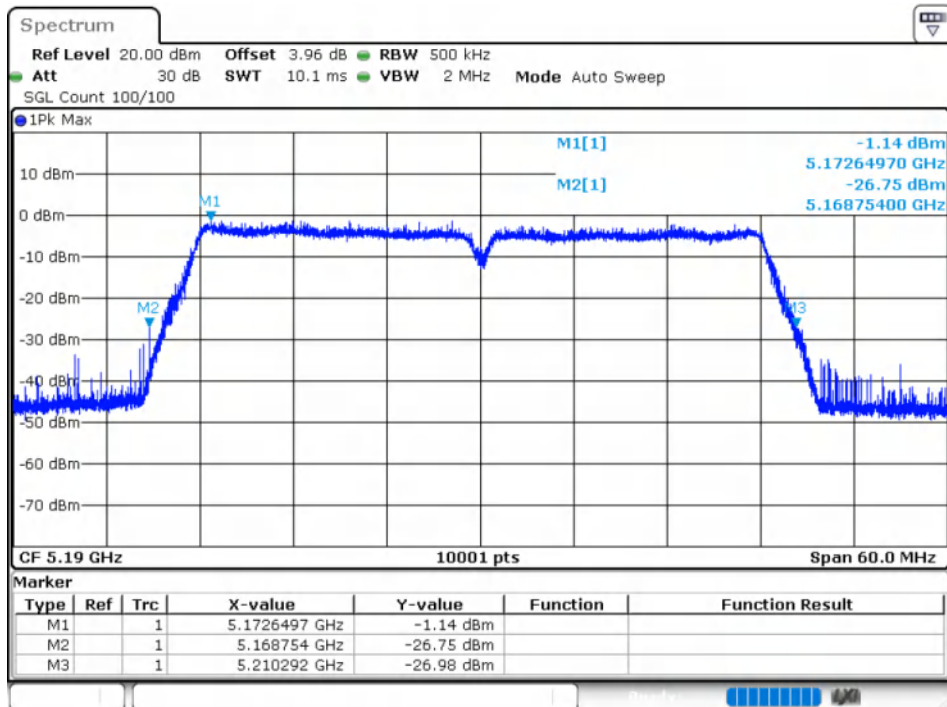
-26dB Bandwidth NVNT n20 5200MHz Ant1



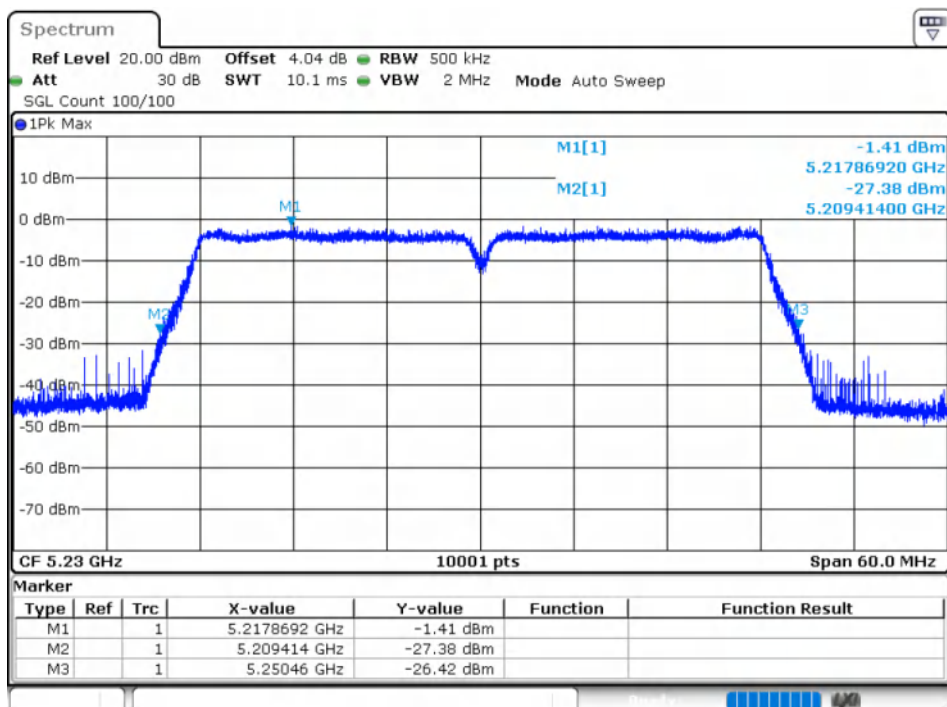
-26dB Bandwidth NVNT n20 5240MHz Ant1



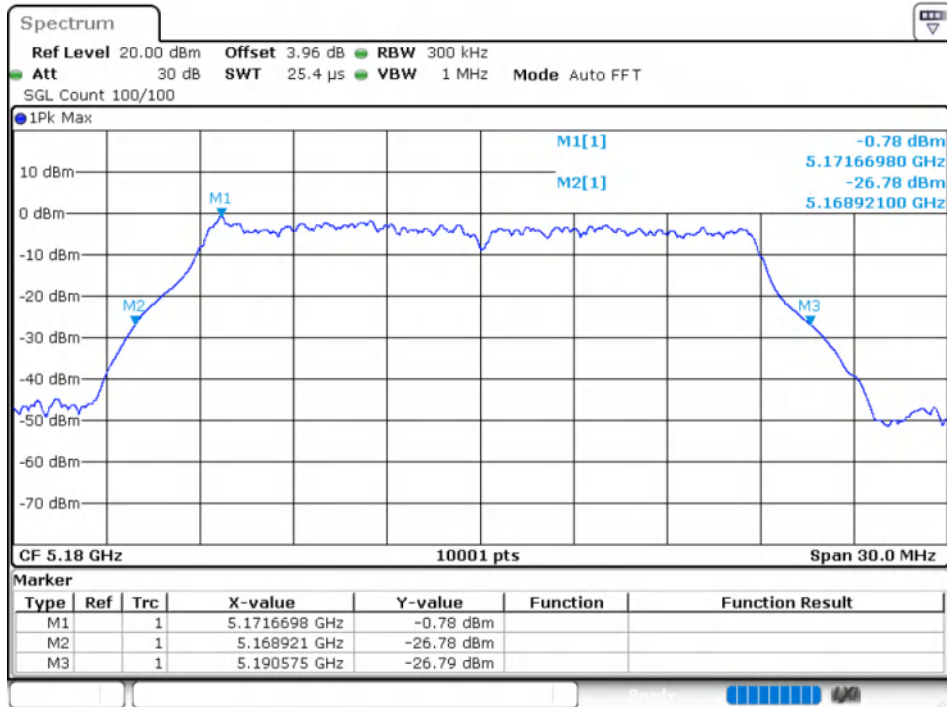
-26dB Bandwidth NVNT n40 5190MHz Ant1



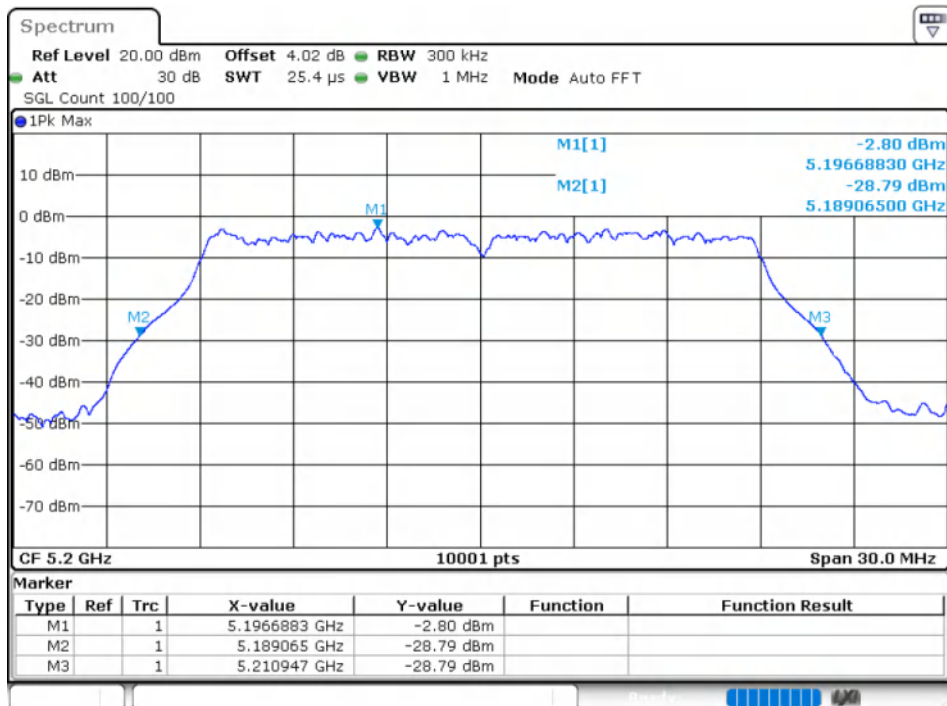
-26dB Bandwidth NVNT n40 5230MHz Ant1



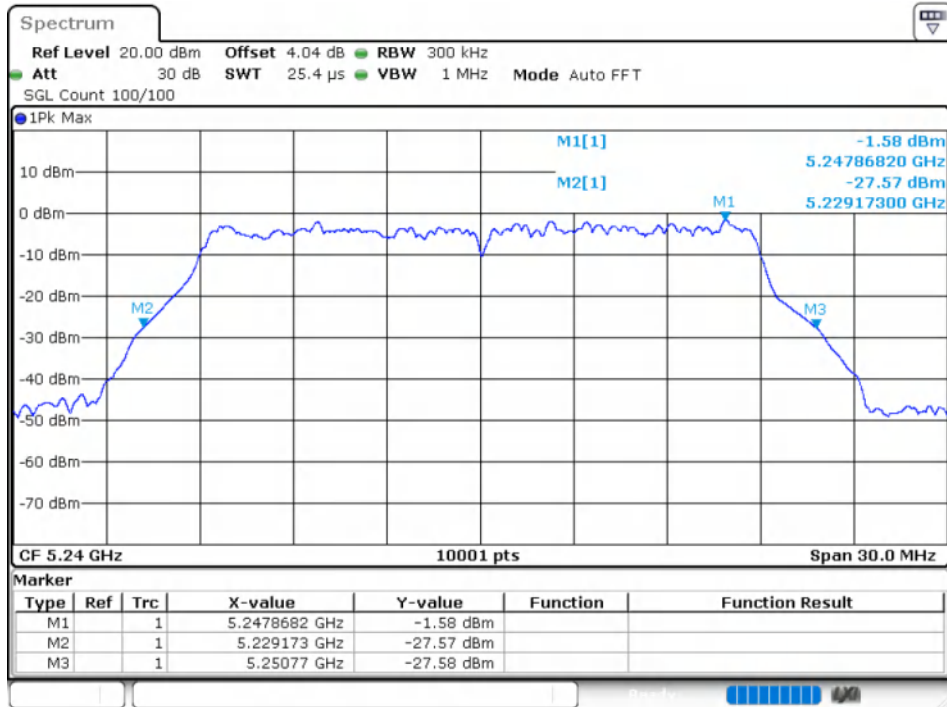
-26dB Bandwidth NVNT ac20 5180MHz Ant1



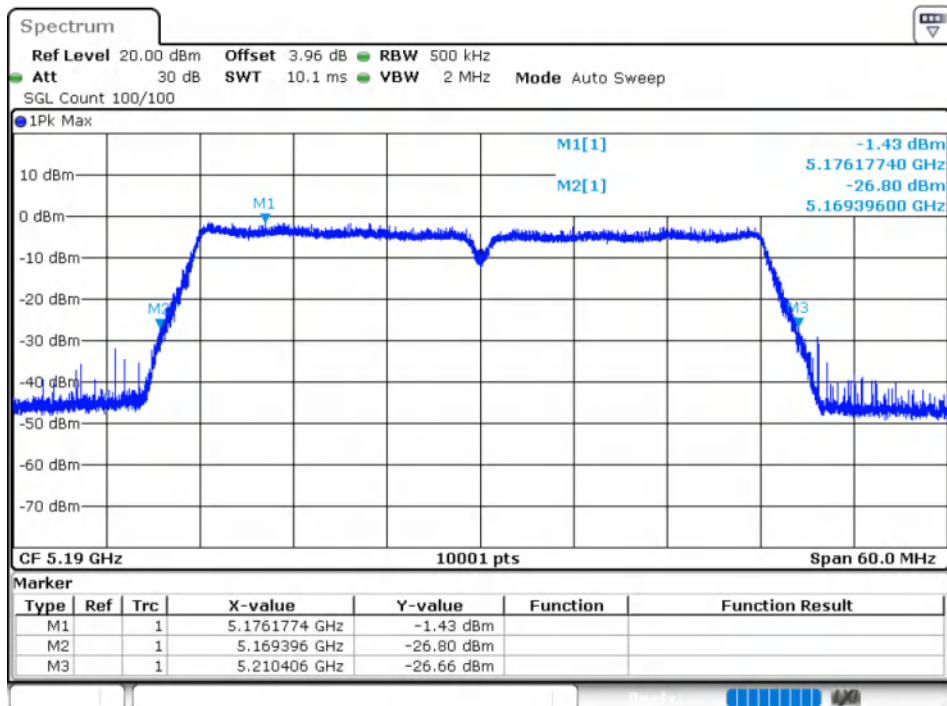
-26dB Bandwidth NVNT ac20 5200MHz Ant1



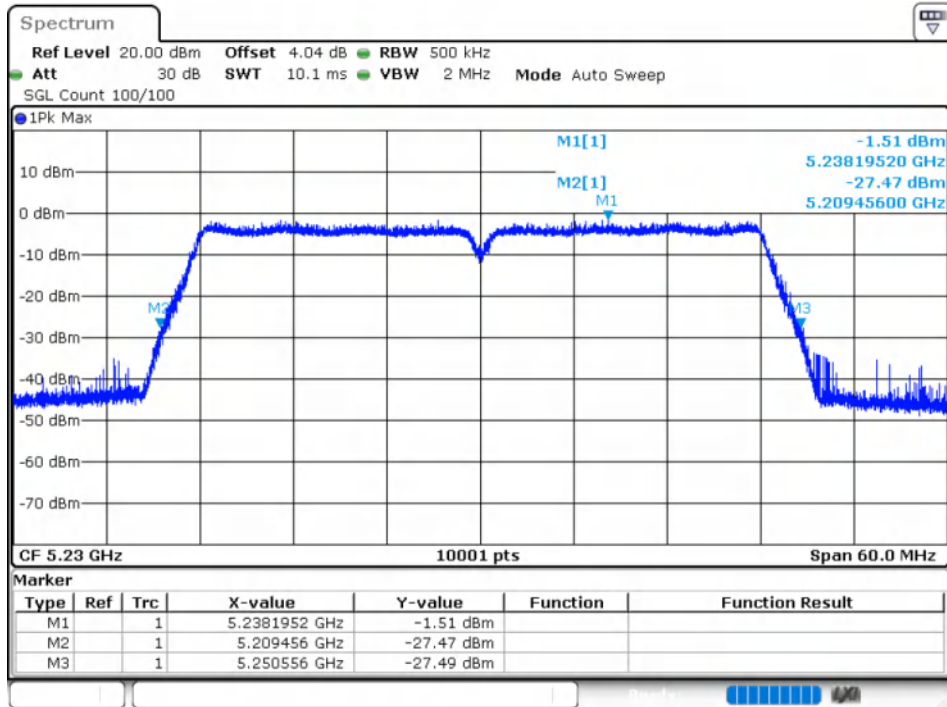
-26dB Bandwidth NVNT ac20 5240MHz Ant1



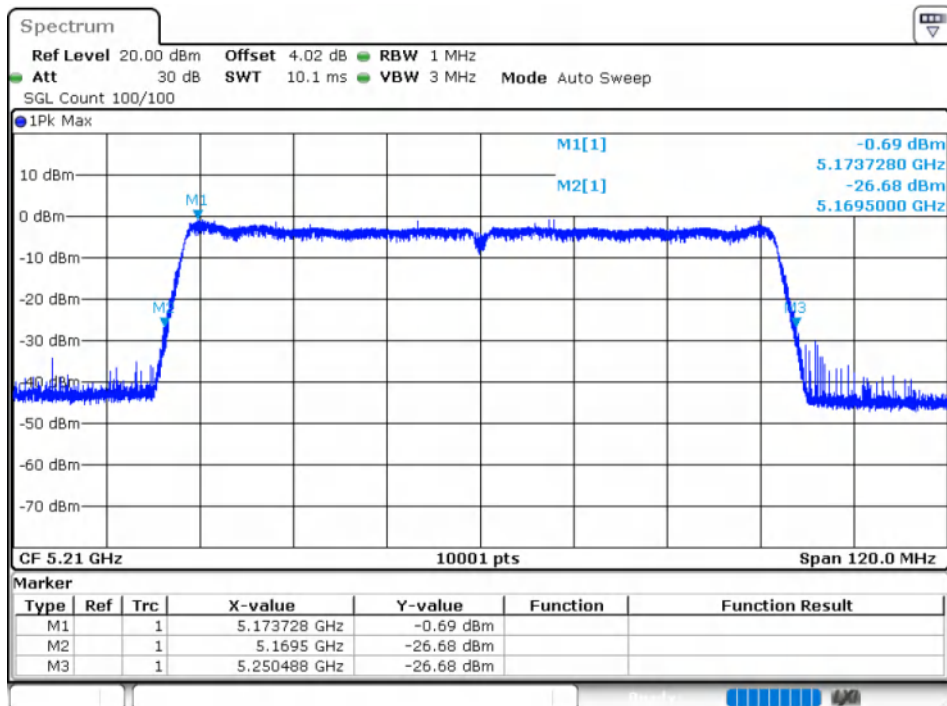
-26dB Bandwidth NVNT ac40 5190MHz Ant1



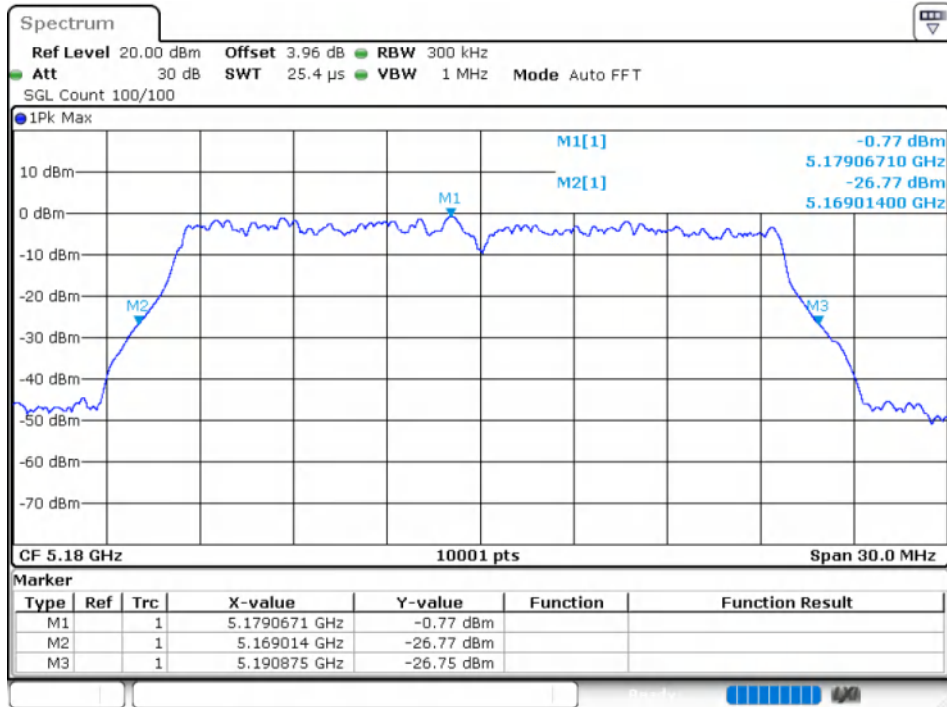
-26dB Bandwidth NVNT ac40 5230MHz Ant1



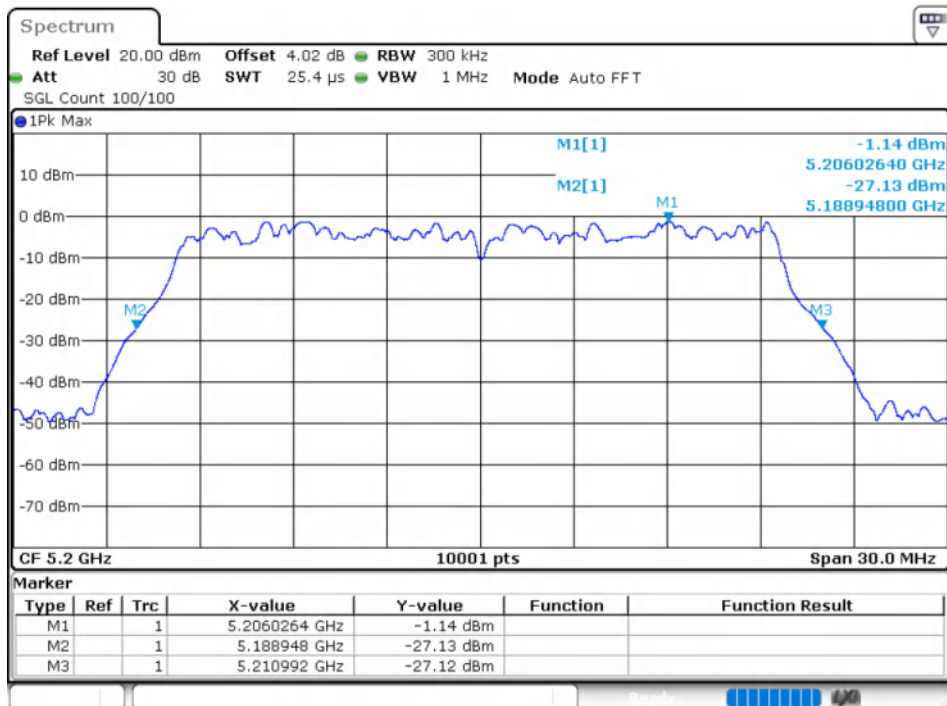
-26dB Bandwidth NVNT ac80 5210MHz Ant1



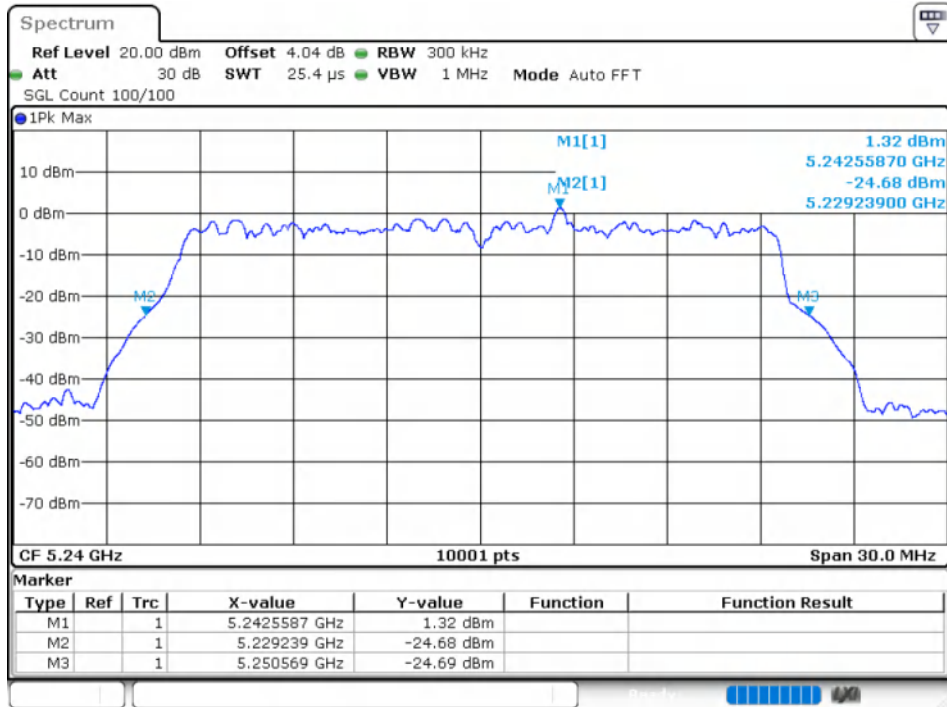
-26dB Bandwidth NVNT ax20 5180MHz Ant1



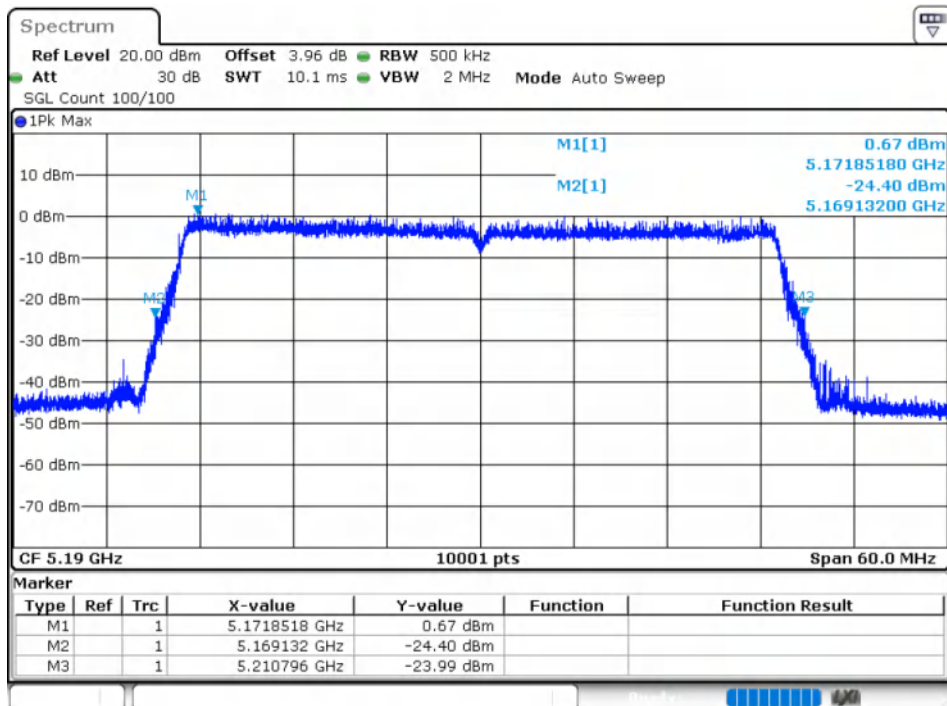
-26dB Bandwidth NVNT ax20 5200MHz Ant1



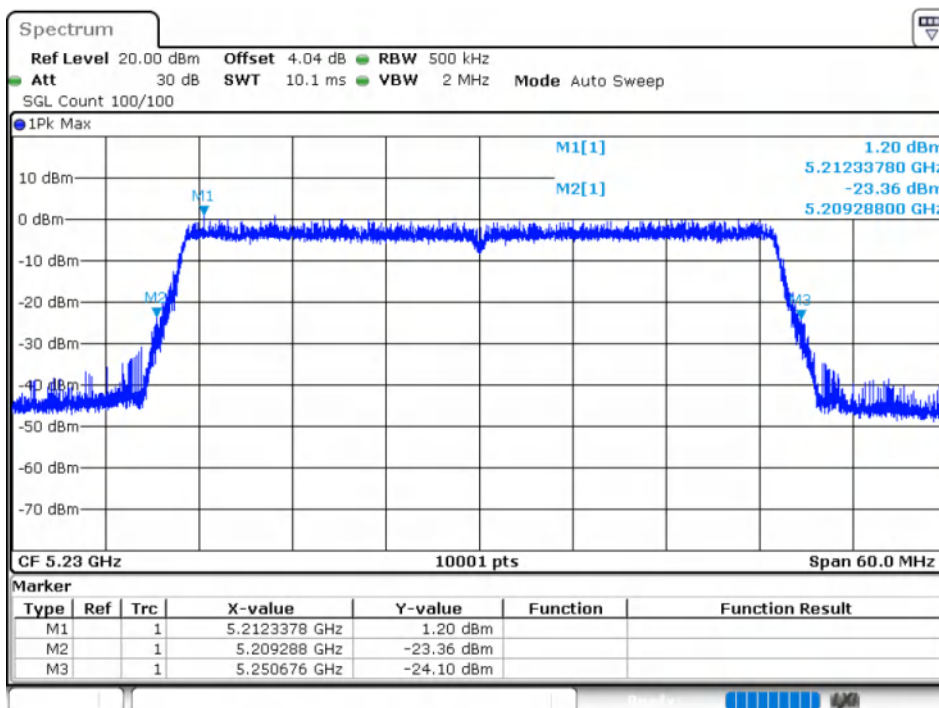
-26dB Bandwidth NVNT ax20 5240MHz Ant1



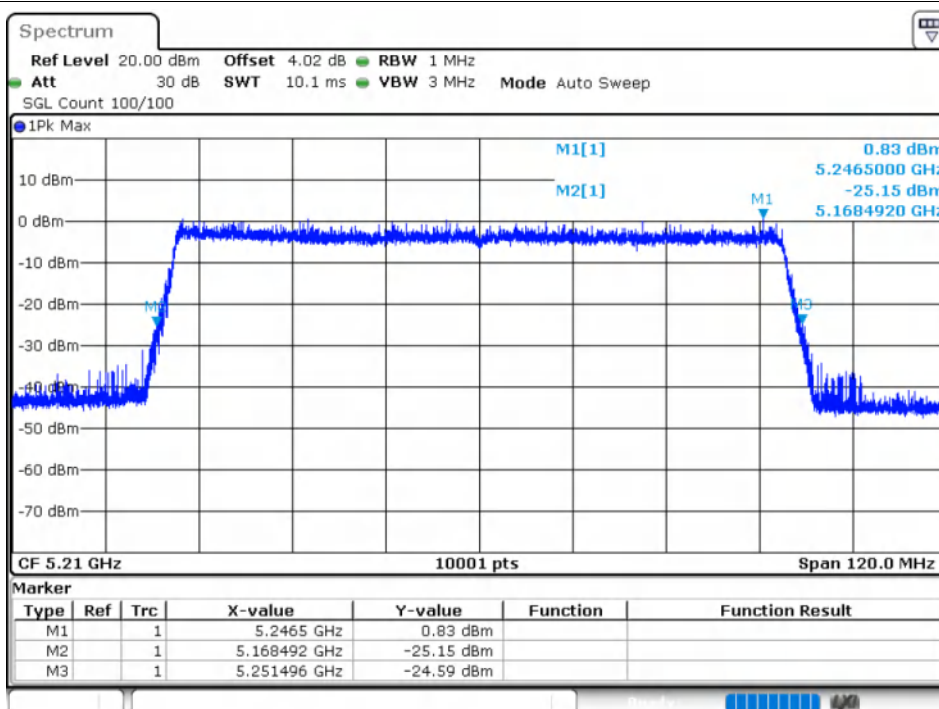
-26dB Bandwidth NVNT ax40 5190MHz Ant1



-26dB Bandwidth NVNT ax40 5230MHz Ant1



-26dB Bandwidth NVNT ax80 5210MHz Ant1

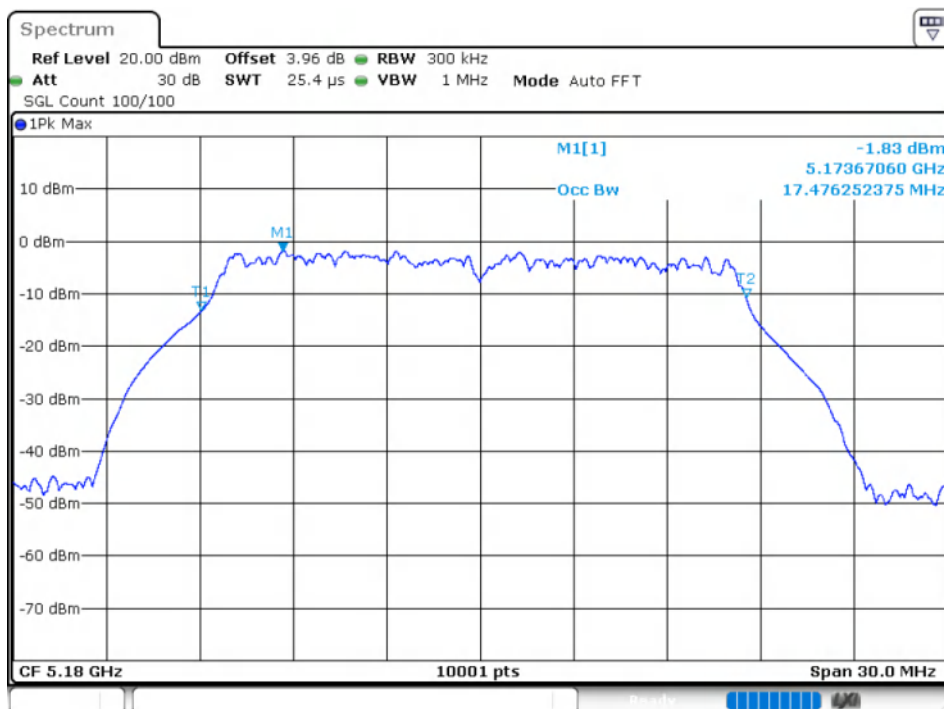


Occupied Channel Bandwidth

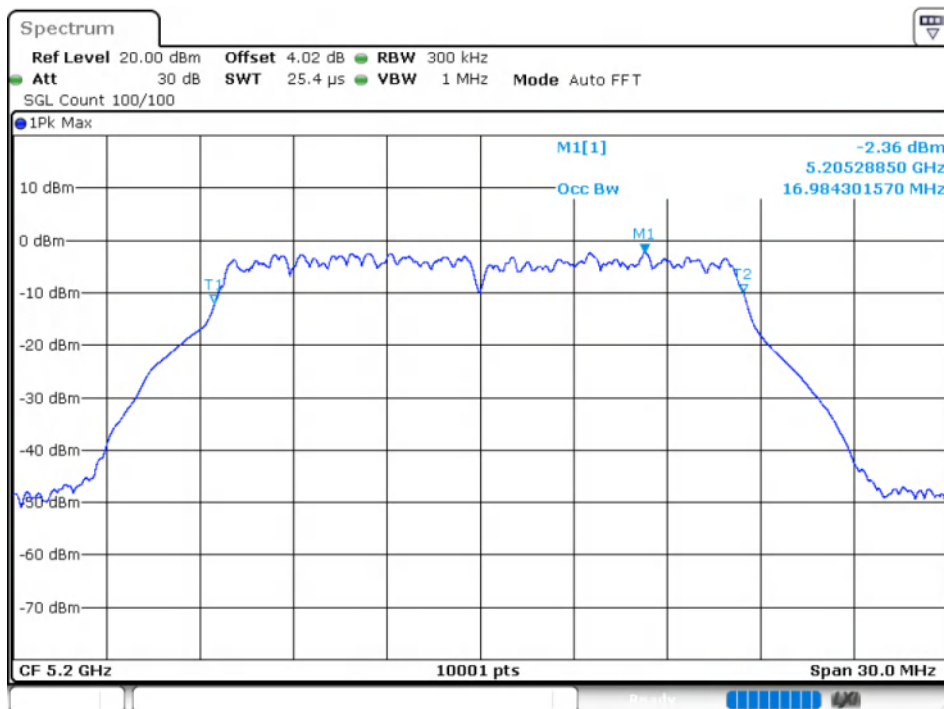
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	17.476
NVNT	a	5200	Ant1	16.984
NVNT	a	5240	Ant1	17.236
NVNT	n20	5180	Ant1	17.893
NVNT	n20	5200	Ant1	17.965
NVNT	n20	5240	Ant1	18.007
NVNT	n40	5190	Ant1	36.584
NVNT	n40	5230	Ant1	36.53
NVNT	ac20	5180	Ant1	18.04
NVNT	ac20	5200	Ant1	18.217
NVNT	ac20	5240	Ant1	17.905
NVNT	ac40	5190	Ant1	36.656
NVNT	ac40	5230	Ant1	36.566
NVNT	ac80	5210	Ant1	75.628
NVNT	ax20	5180	Ant1	19.069
NVNT	ax20	5200	Ant1	19.156
NVNT	ax20	5240	Ant1	19.102
NVNT	ax40	5190	Ant1	37.946
NVNT	ax40	5230	Ant1	37.928
NVNT	ax80	5210	Ant1	77.608

Test Graphs

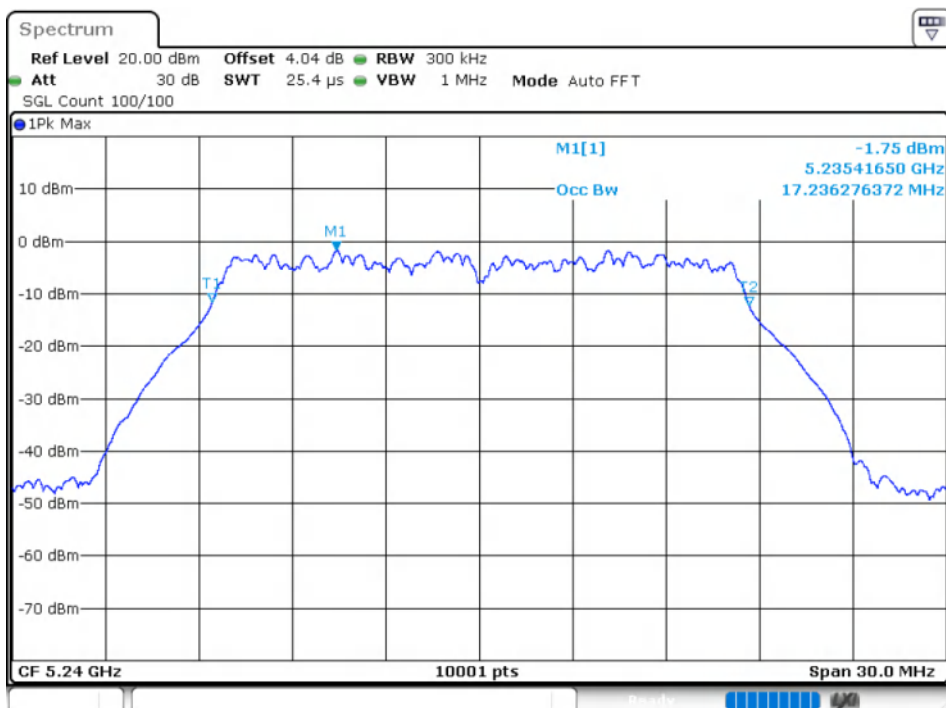
OBW NVNT a 5180MHz Ant1



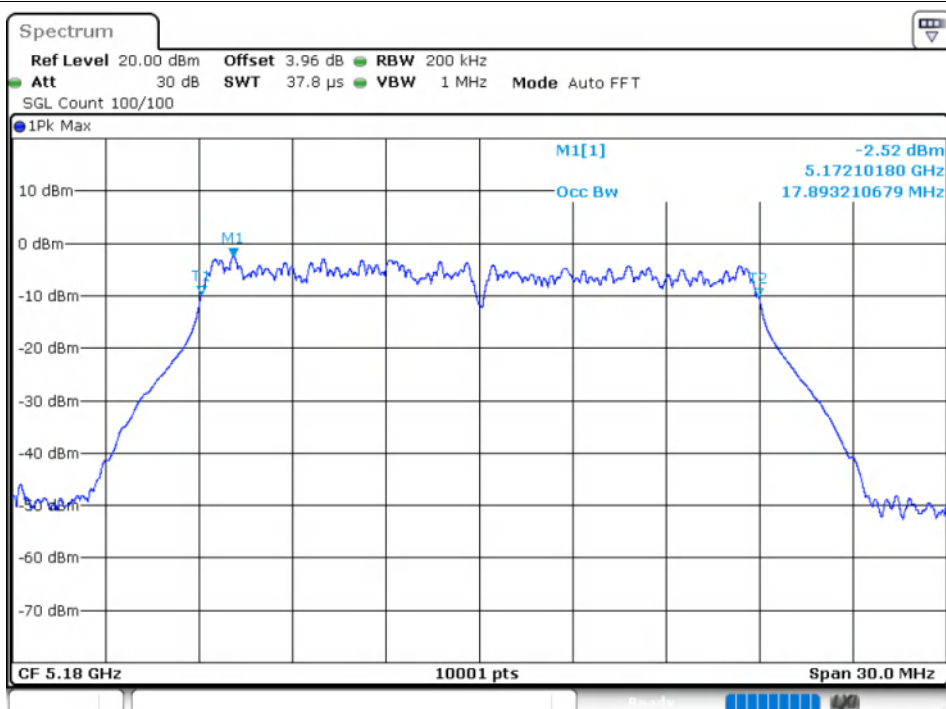
OBW NVNT a 5200MHz Ant1



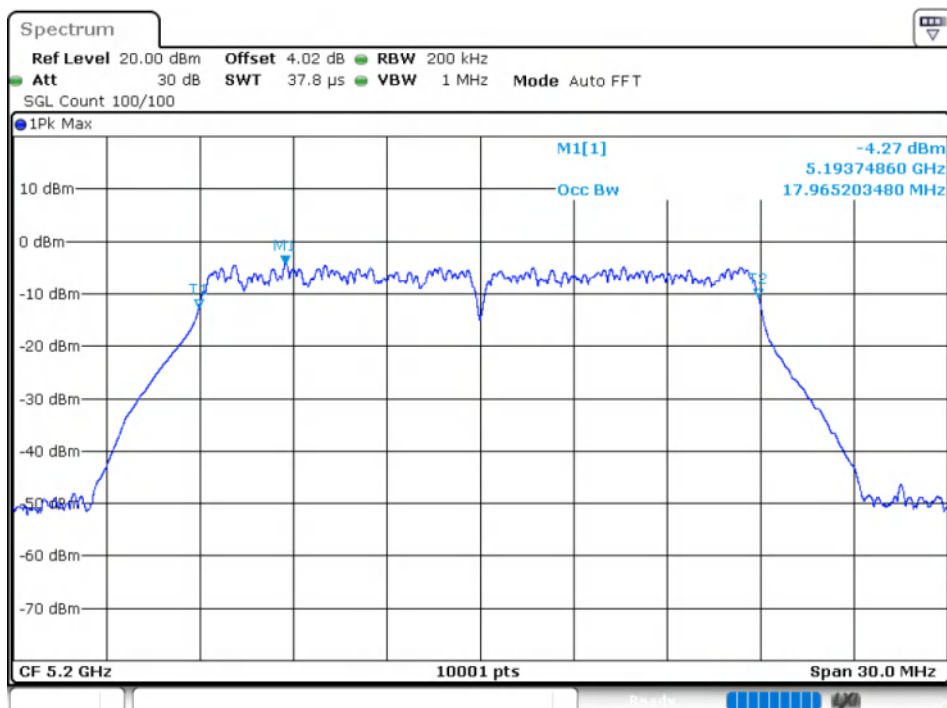
OBW NVNT a 5240MHz Ant1



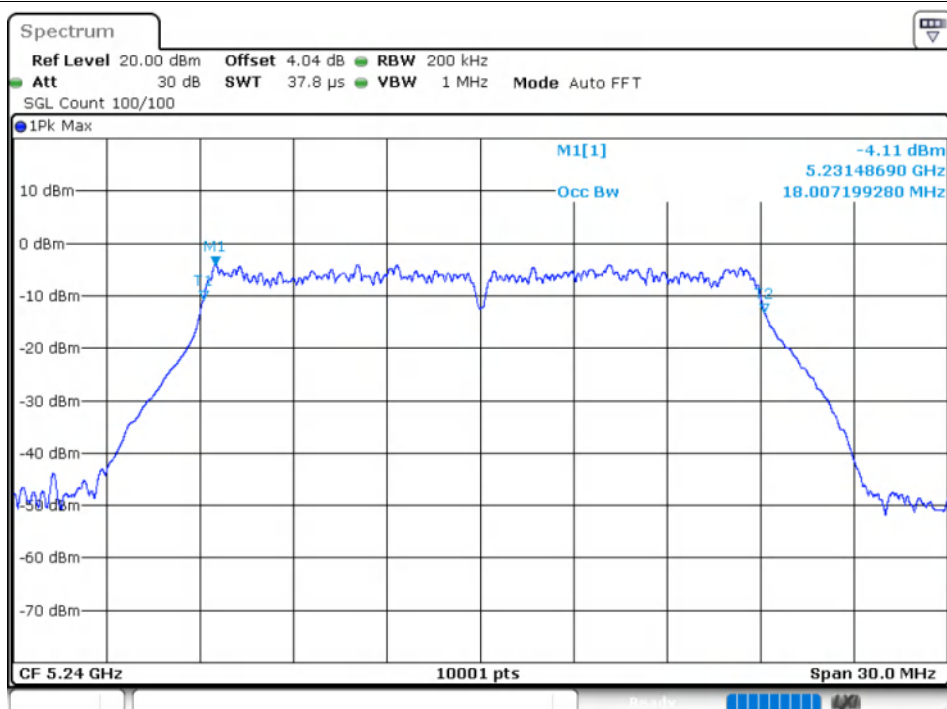
OBW NVNT n20 5180MHz Ant1



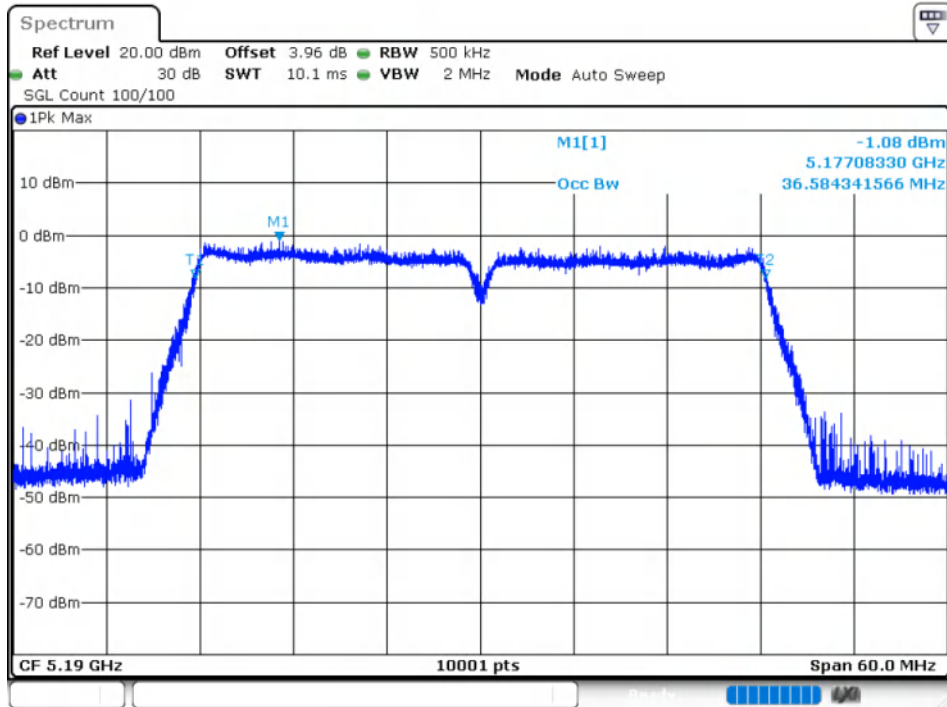
OBW NVNT n20 5200MHz Ant1



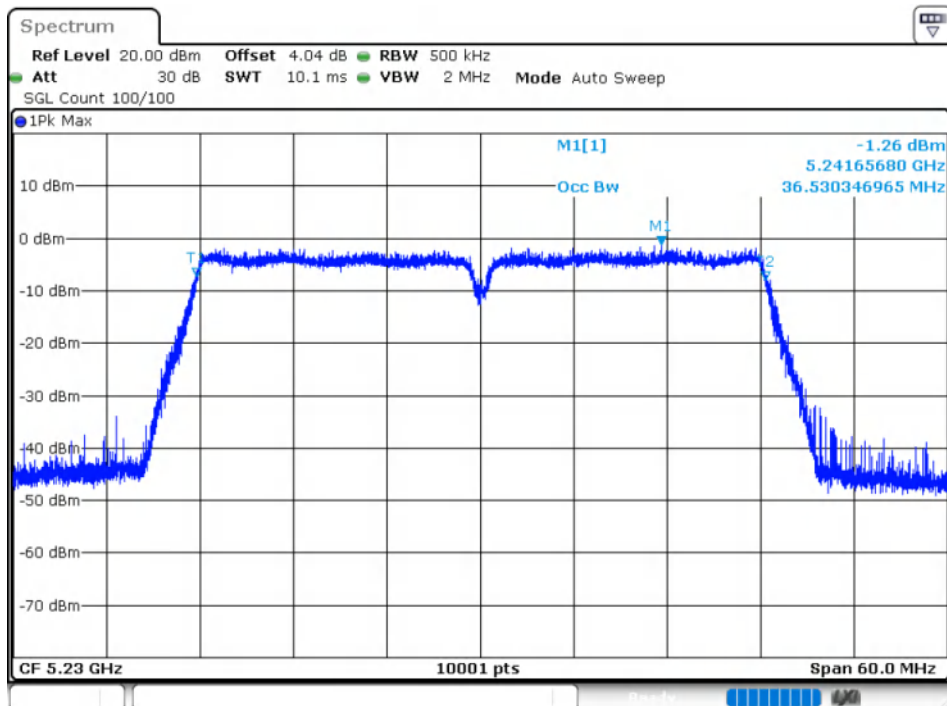
OBW NVNT n20 5240MHz Ant1



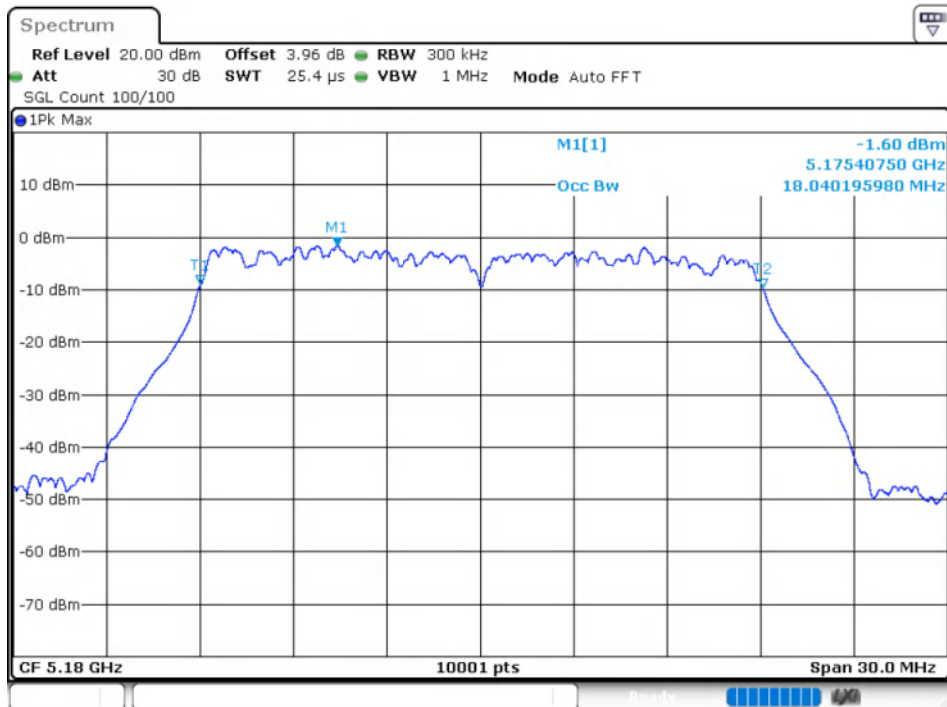
OBW NVNT n40 5190MHz Ant1



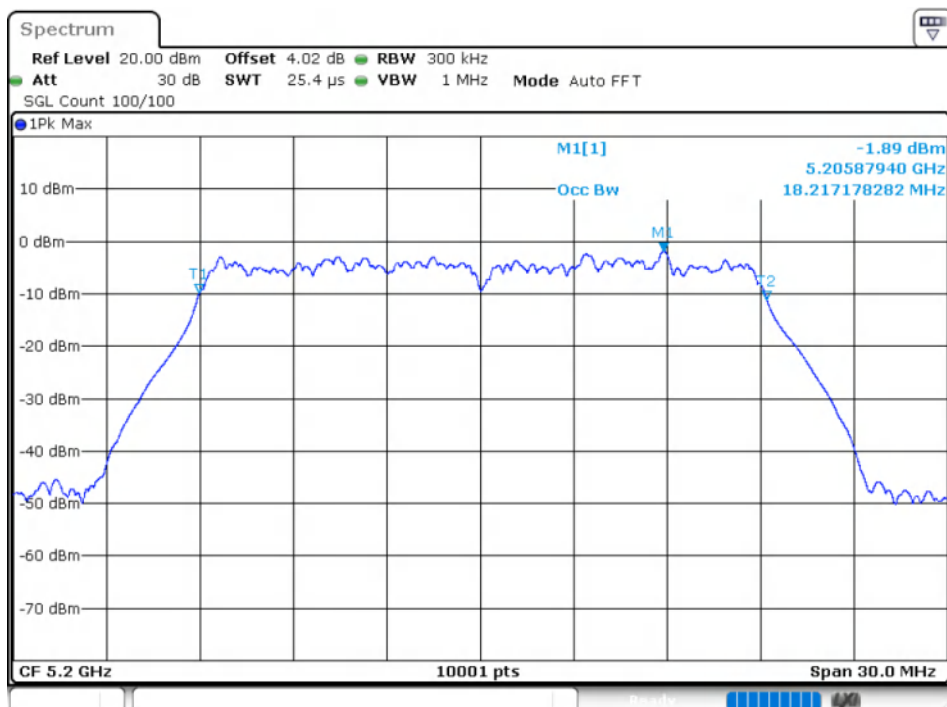
OBW NVNT n40 5230MHz Ant1



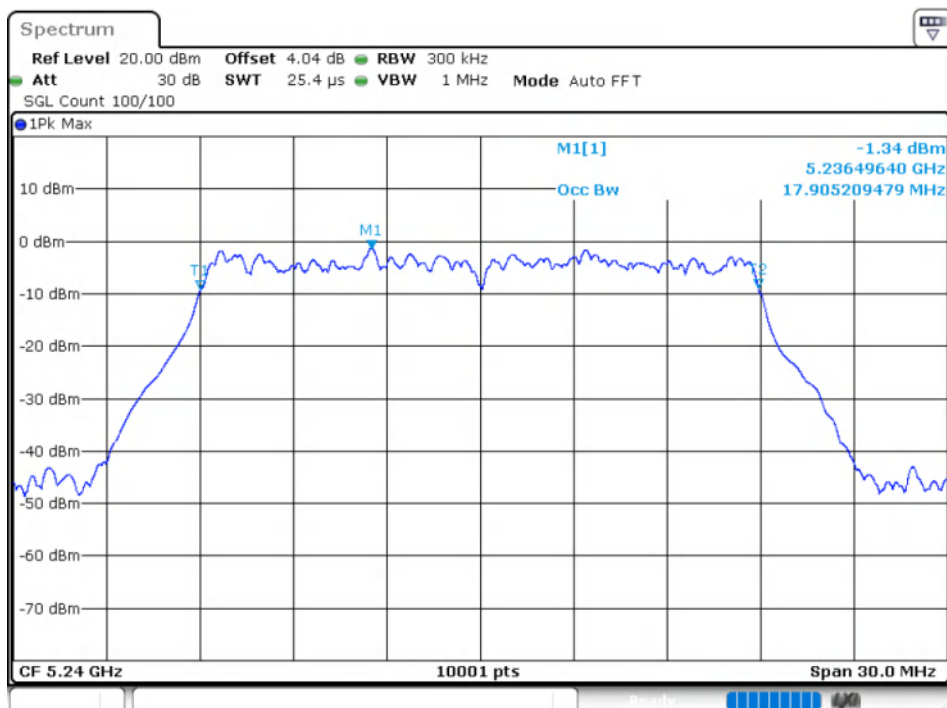
OBW NVNT ac20 5180MHz Ant1



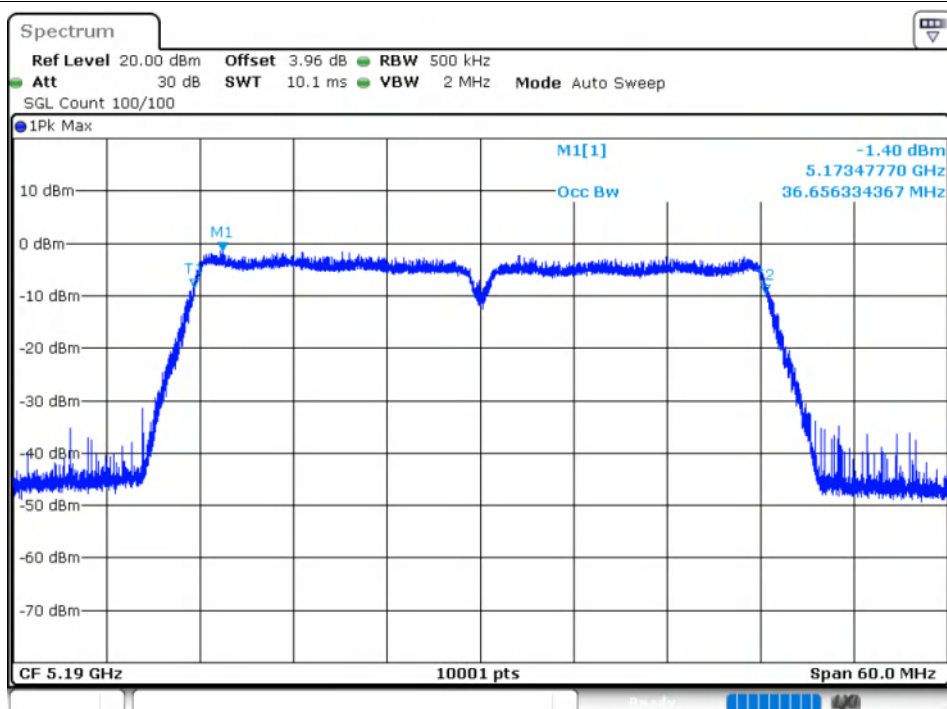
OBW NVNT ac20 5200MHz Ant1



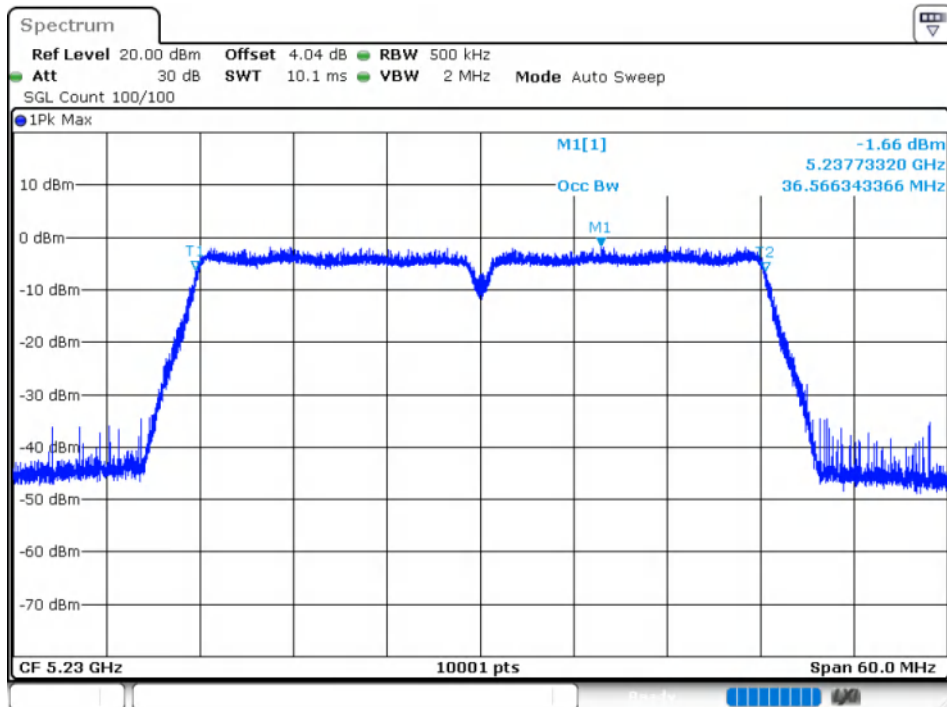
OBW NVNT ac20 5240MHz Ant1



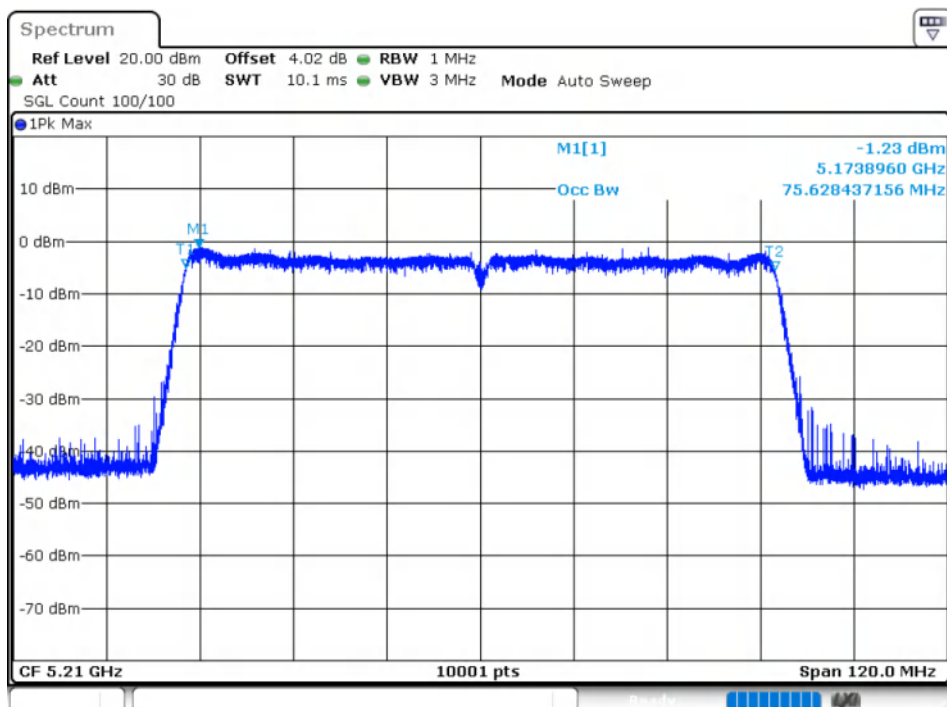
OBW NVNT ac40 5190MHz Ant1



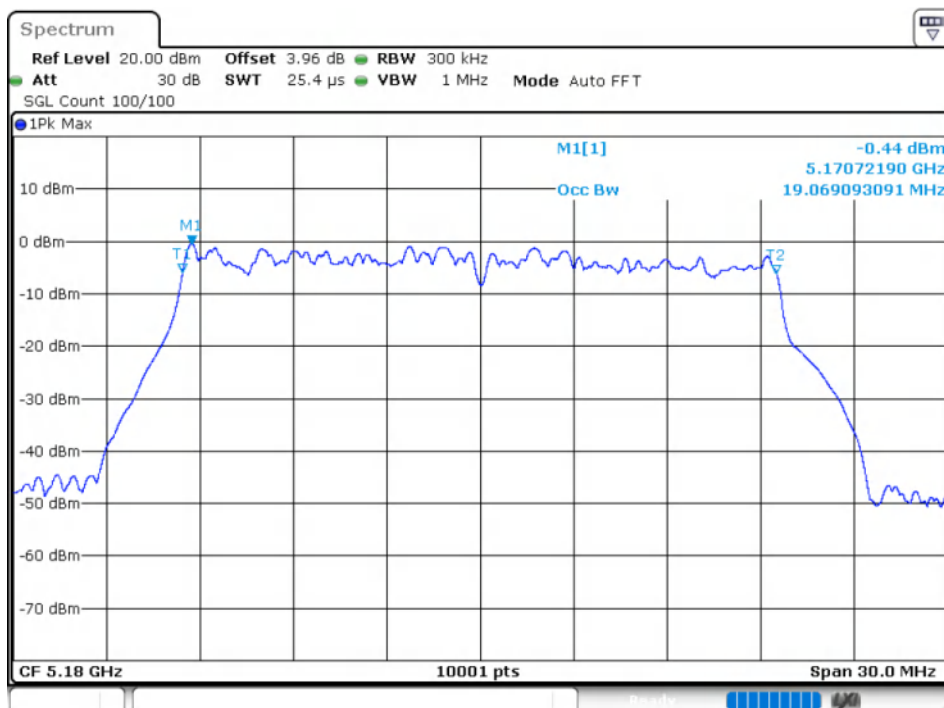
OBW NVNT ac40 5230MHz Ant1



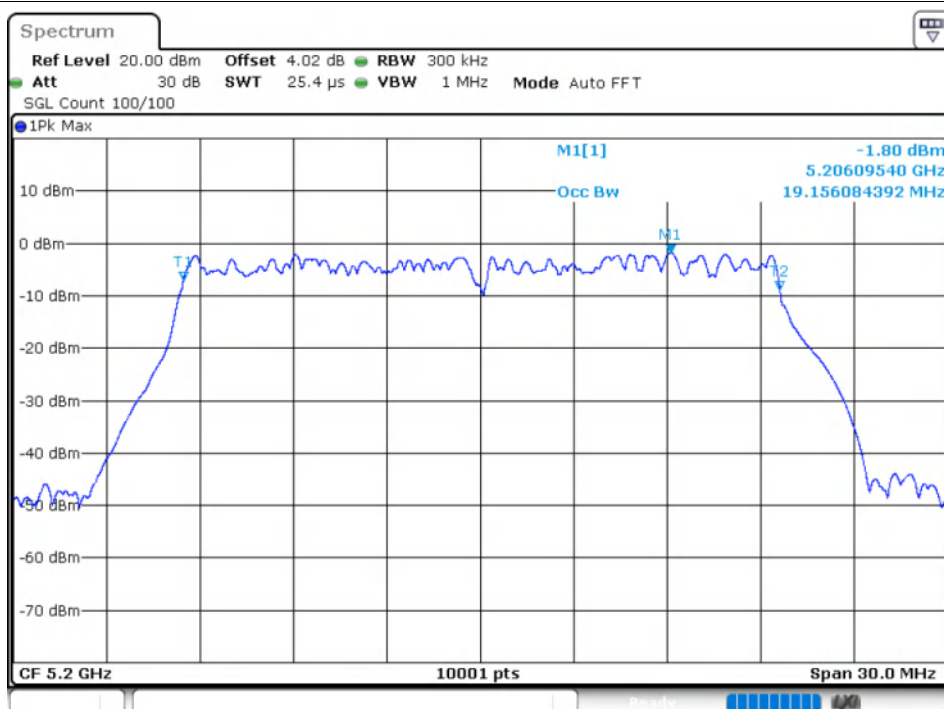
OBW NVNT ac80 5210MHz Ant1



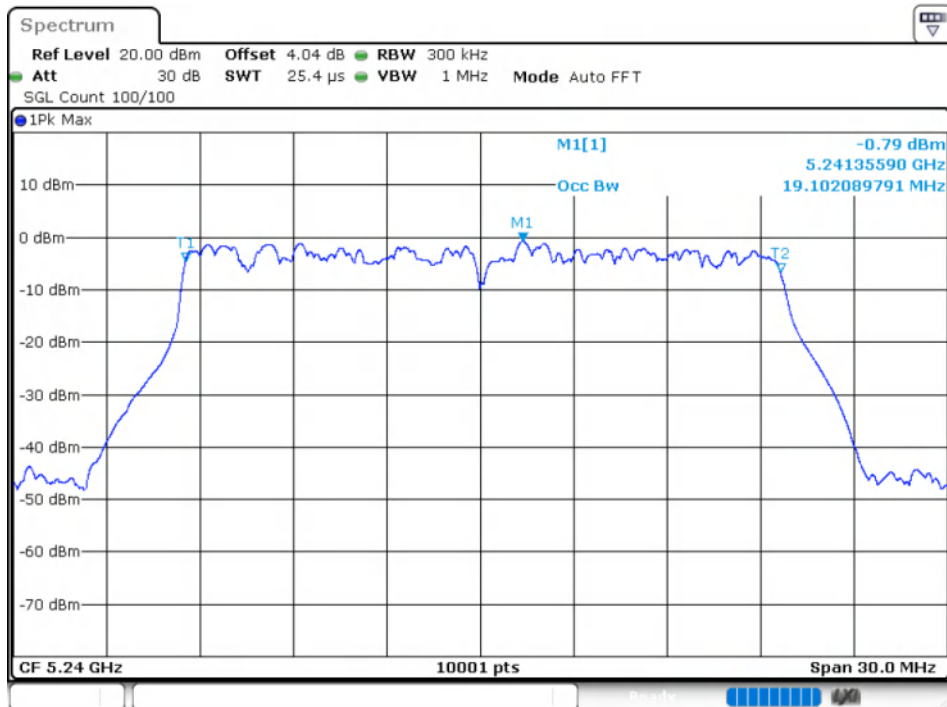
OBW NVNT ax20 5180MHz Ant1



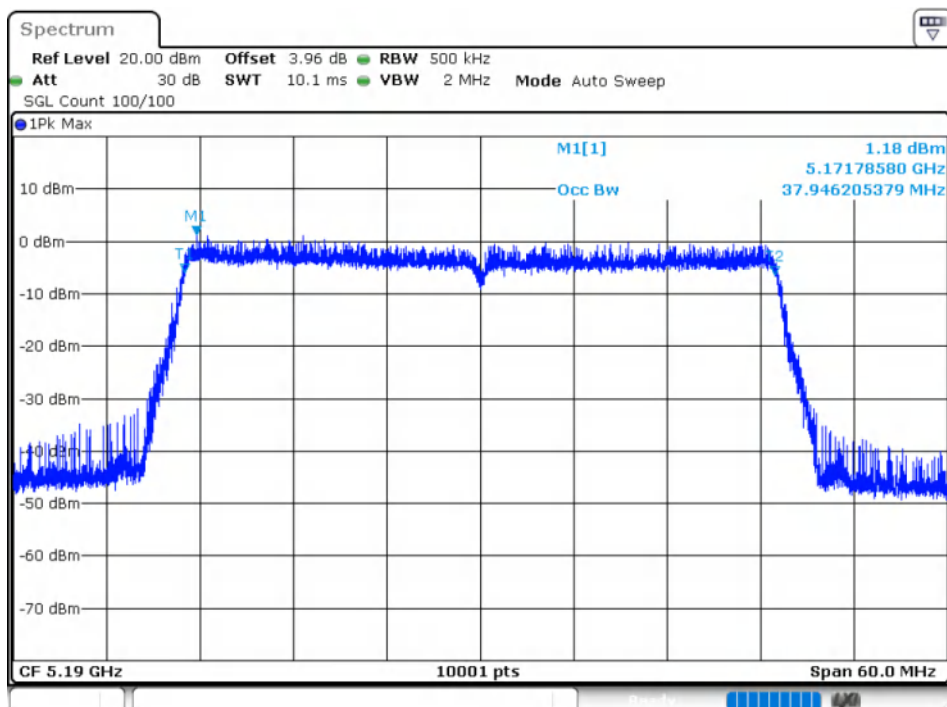
OBW NVNT ax20 5200MHz Ant1



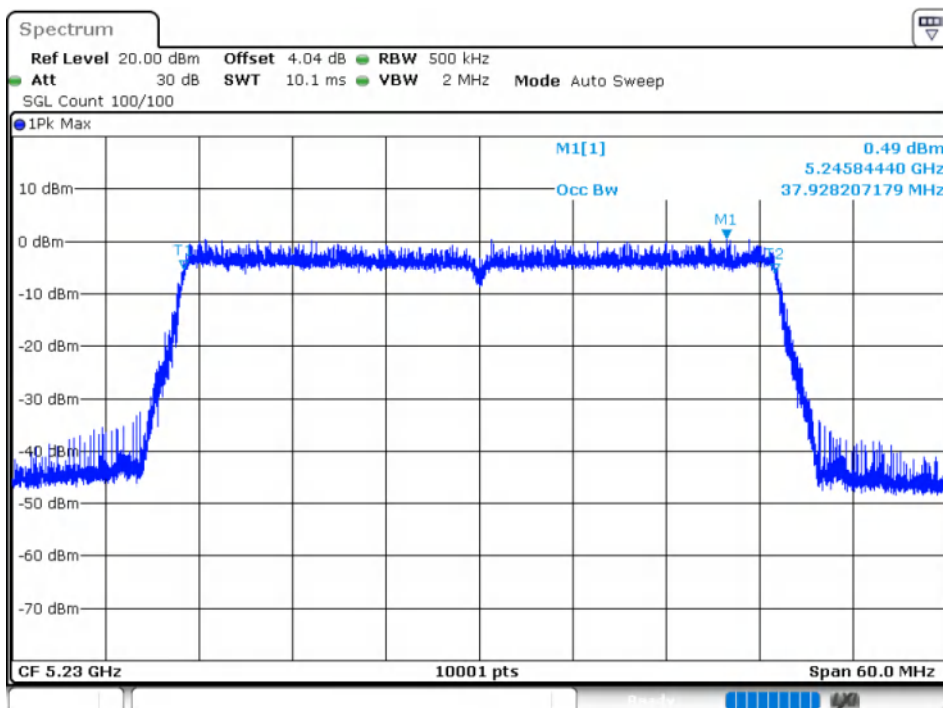
OBW NVNT ax20 5240MHz Ant1



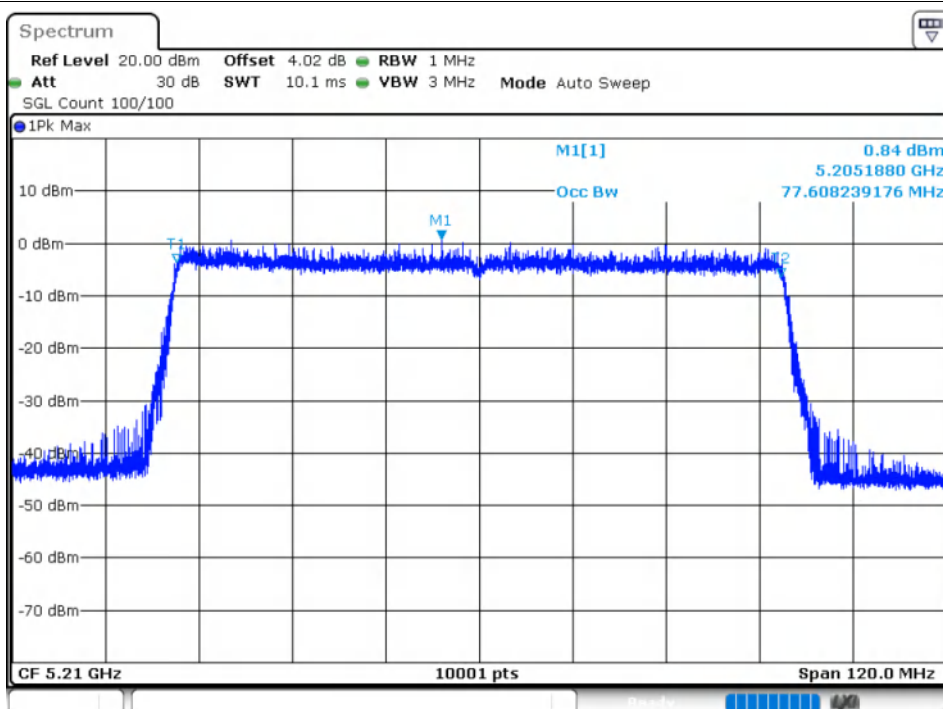
OBW NVNT ax40 5190MHz Ant1



OBW NVNT ax40 5230MHz Ant1



OBW NVNT ax80 5210MHz Ant1

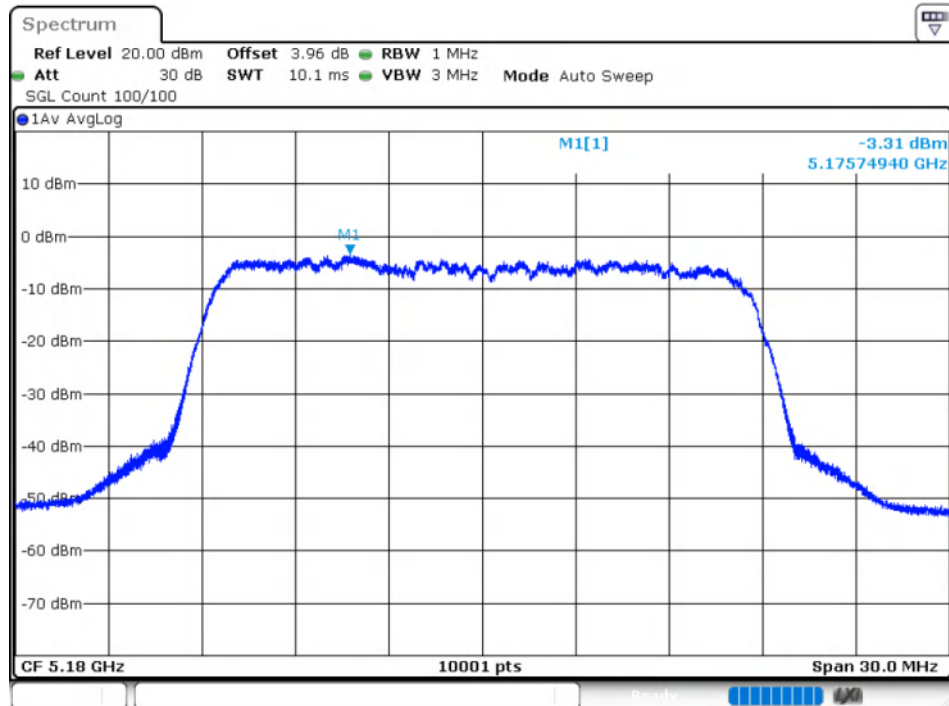


Maximum Power Spectral Density Level

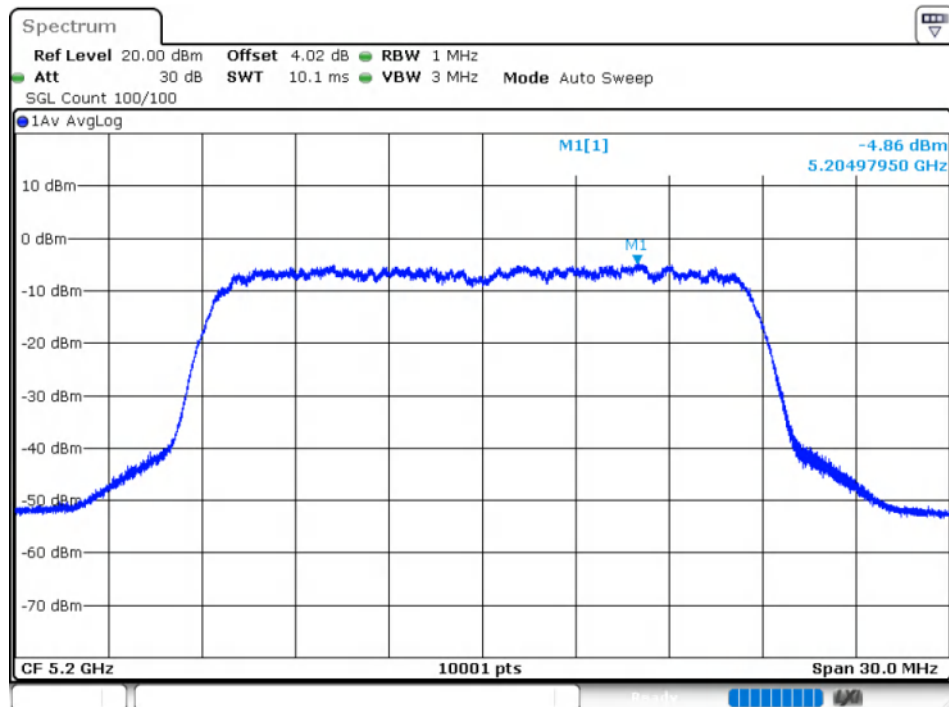
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-3.31	0.06	-3.25	11	Pass
NVNT	a	5200	Ant1	-4.86	0.06	-4.8	11	Pass
NVNT	a	5240	Ant1	-4.45	0.06	-4.39	11	Pass
NVNT	n20	5180	Ant1	-4.11	0.06	-4.05	11	Pass
NVNT	n20	5200	Ant1	-5.49	0.06	-5.43	11	Pass
NVNT	n20	5240	Ant1	-4.9	0.06	-4.84	11	Pass
NVNT	n40	5190	Ant1	-26.51	2.46	-24.05	11	Pass
NVNT	n40	5230	Ant1	-26.4	2.44	-23.96	11	Pass
NVNT	ac20	5180	Ant1	-4.11	0.06	-4.05	11	Pass
NVNT	ac20	5200	Ant1	-5.3	0.06	-5.24	11	Pass
NVNT	ac20	5240	Ant1	-4.74	0.06	-4.68	11	Pass
NVNT	ac40	5190	Ant1	-8.12	0.14	-7.98	11	Pass
NVNT	ac40	5230	Ant1	-8.34	0.16	-8.18	11	Pass
NVNT	ac80	5210	Ant1	-14.56	0.48	-14.08	11	Pass
NVNT	ax20	5180	Ant1	-9.93	0.6	-9.33	11	Pass
NVNT	ax20	5200	Ant1	-10.59	0.59	-10	11	Pass
NVNT	ax20	5240	Ant1	-9.99	0.6	-9.39	11	Pass
NVNT	ax40	5190	Ant1	-13.49	0.59	-12.9	11	Pass
NVNT	ax40	5230	Ant1	-12.81	0.6	-12.21	11	Pass
NVNT	ax80	5210	Ant1	-15.46	0.78	-14.68	11	Pass

Test Graphs

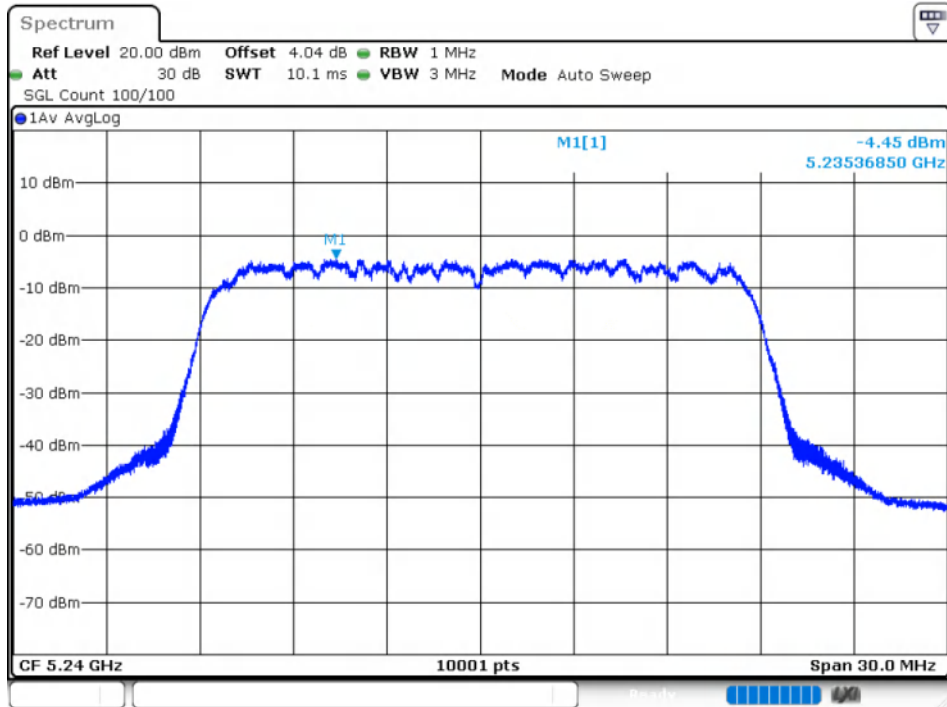
PSD NVNT a 5180MHz Ant1



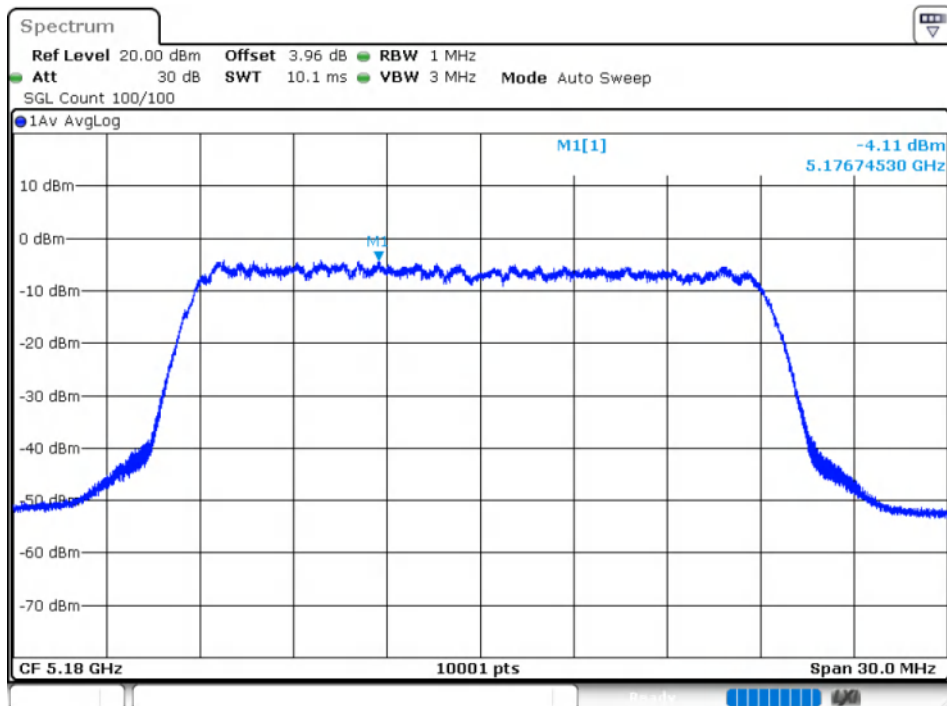
PSD NVNT a 5200MHz Ant1



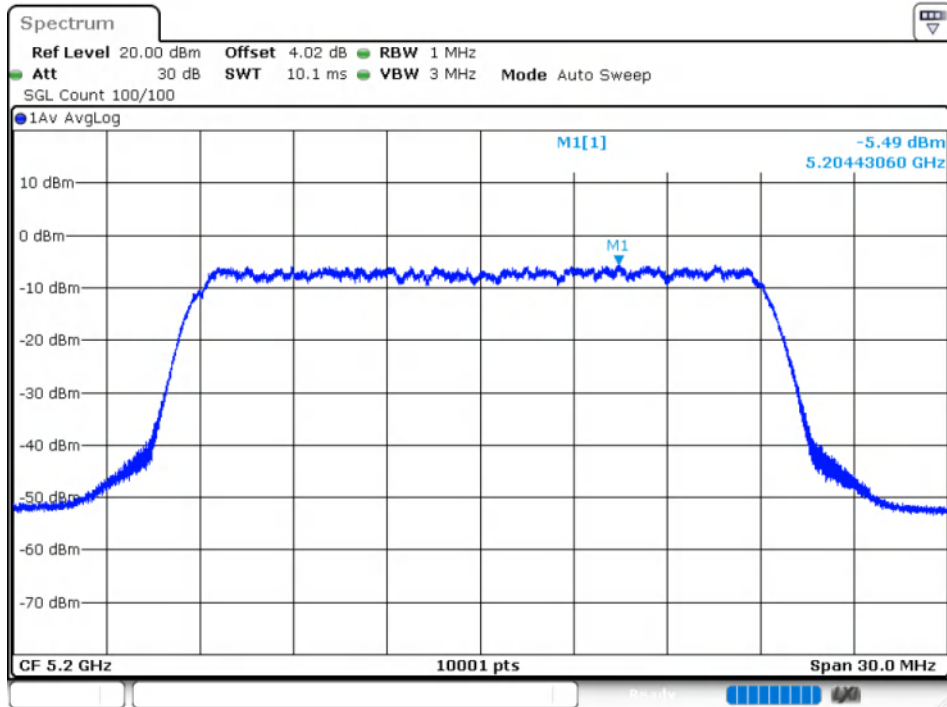
PSD NVNT a 5240MHz Ant1



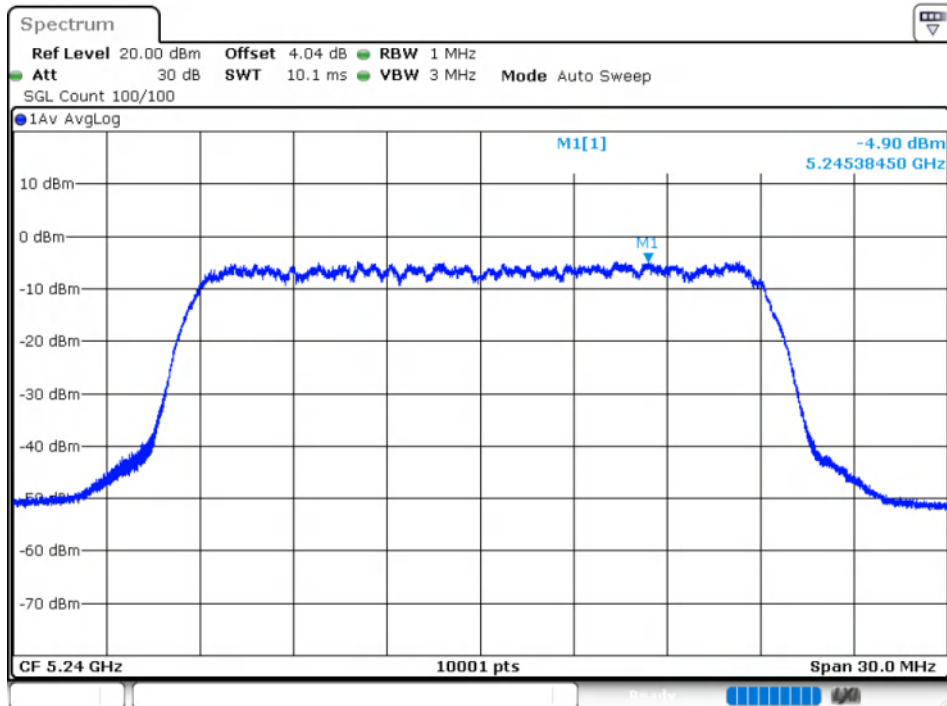
PSD NVNT n20 5180MHz Ant1



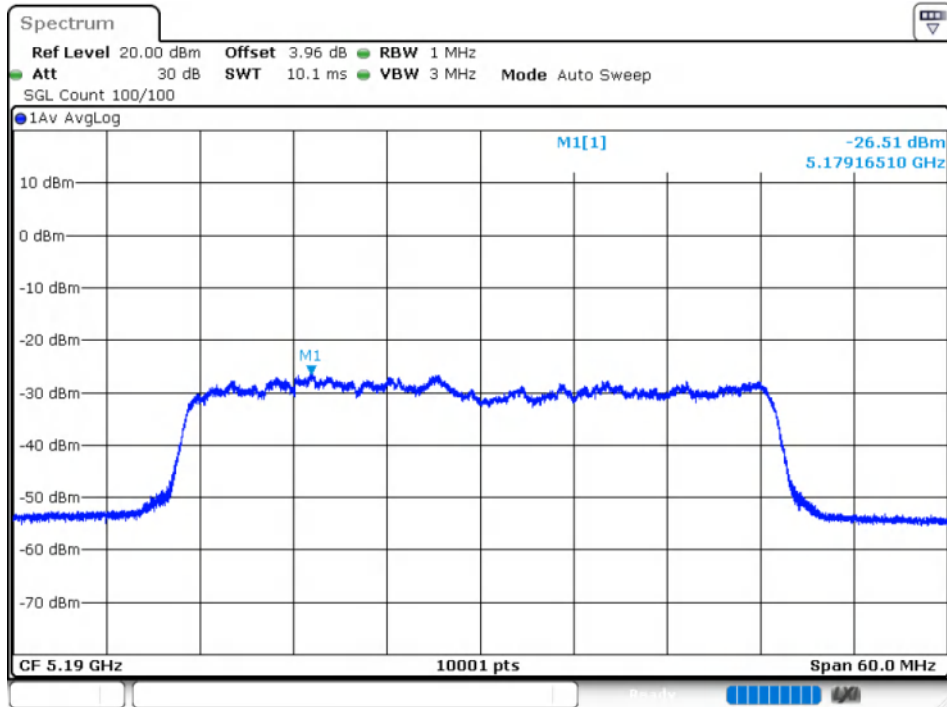
PSD NVNT n20 5200MHz Ant1



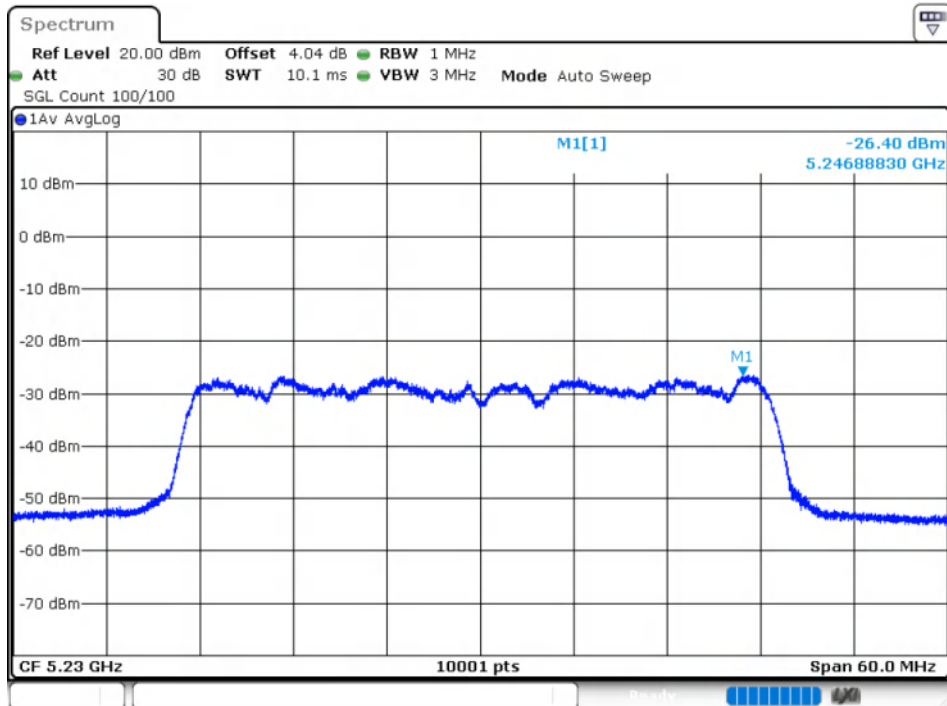
PSD NVNT n20 5240MHz Ant1



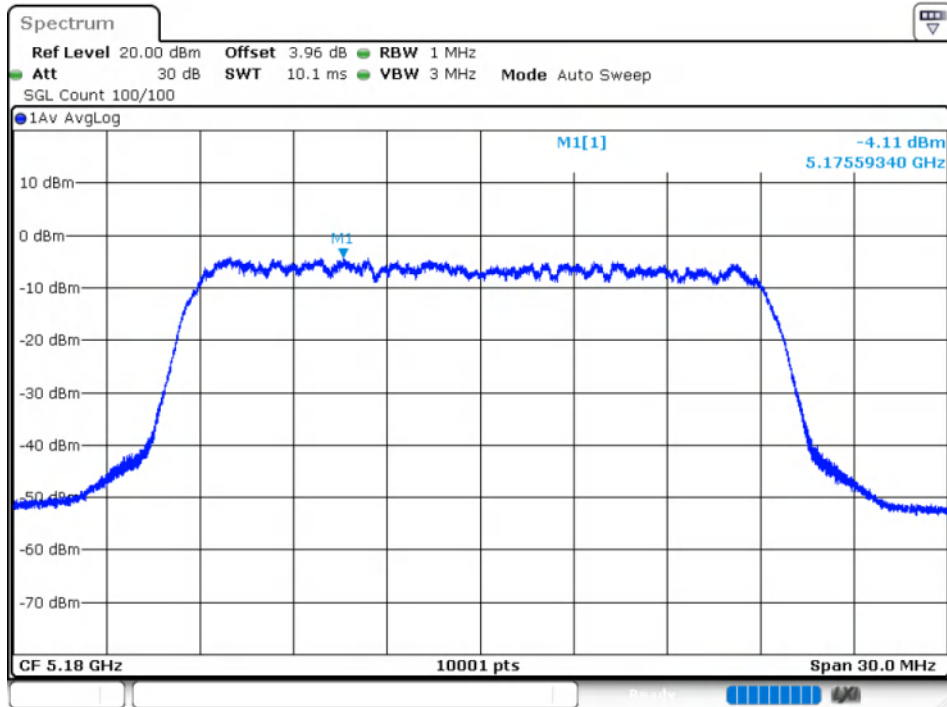
PSD NVNT n40 5190MHz Ant1



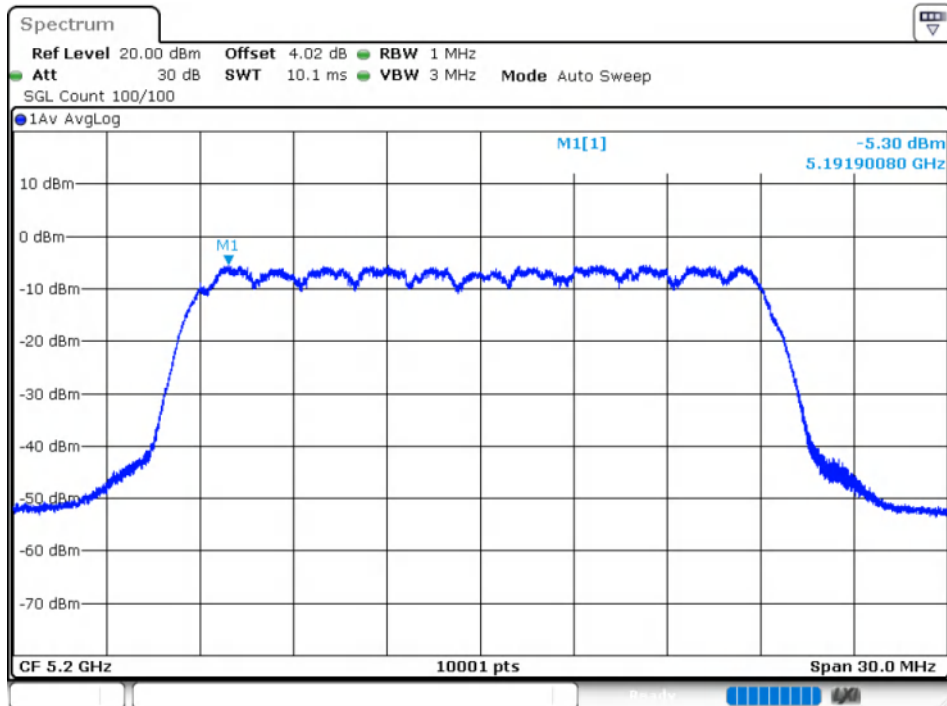
PSD NVNT n40 5230MHz Ant1



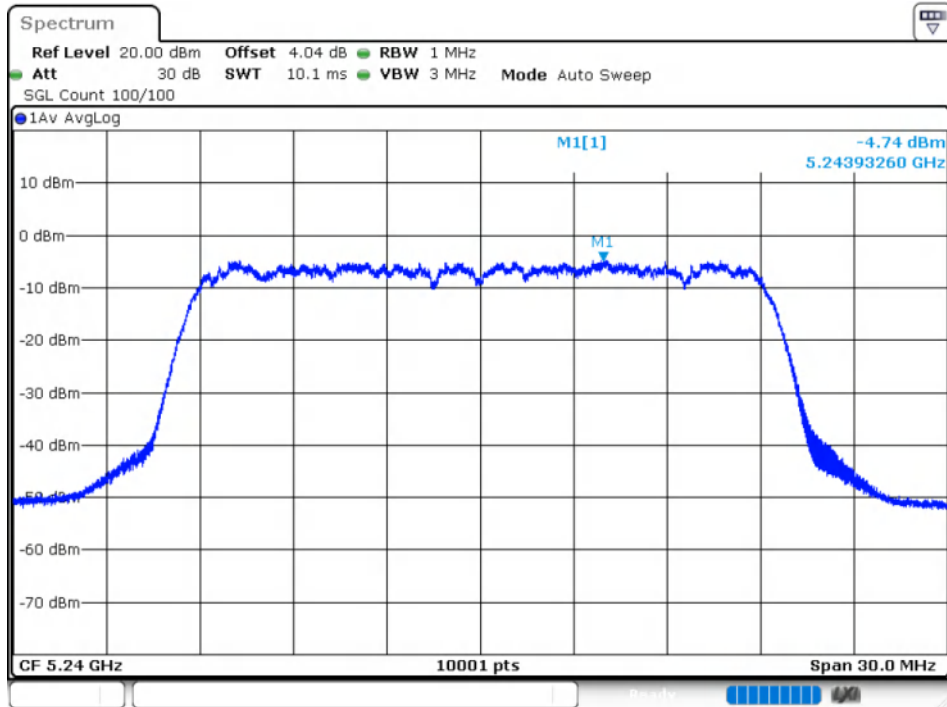
PSD NVNT ac20 5180MHz Ant1



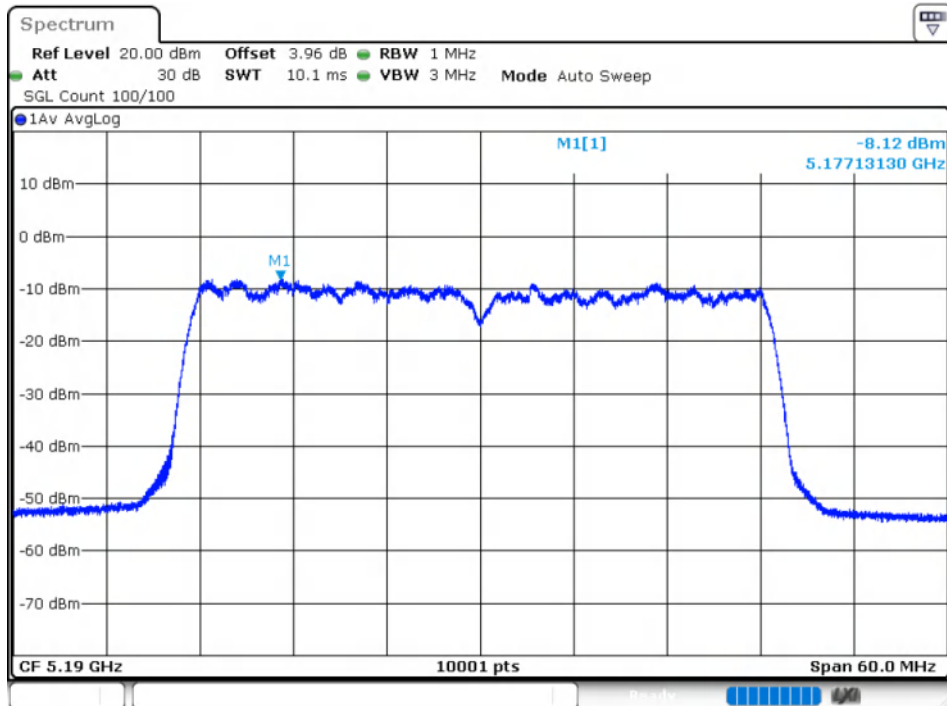
PSD NVNT ac20 5200MHz Ant1



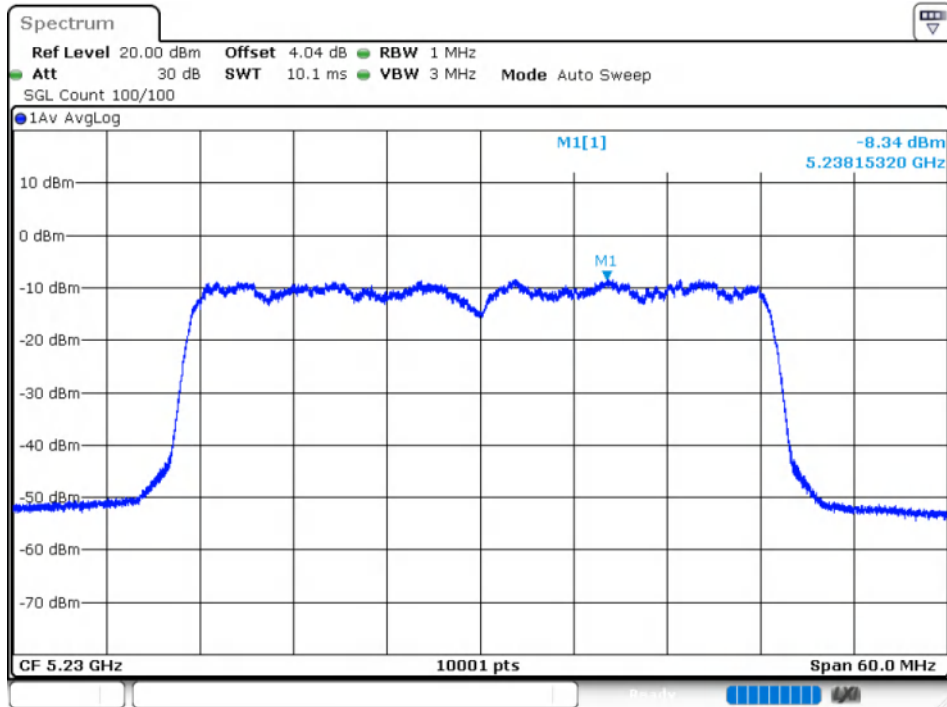
PSD NVNT ac20 5240MHz Ant1



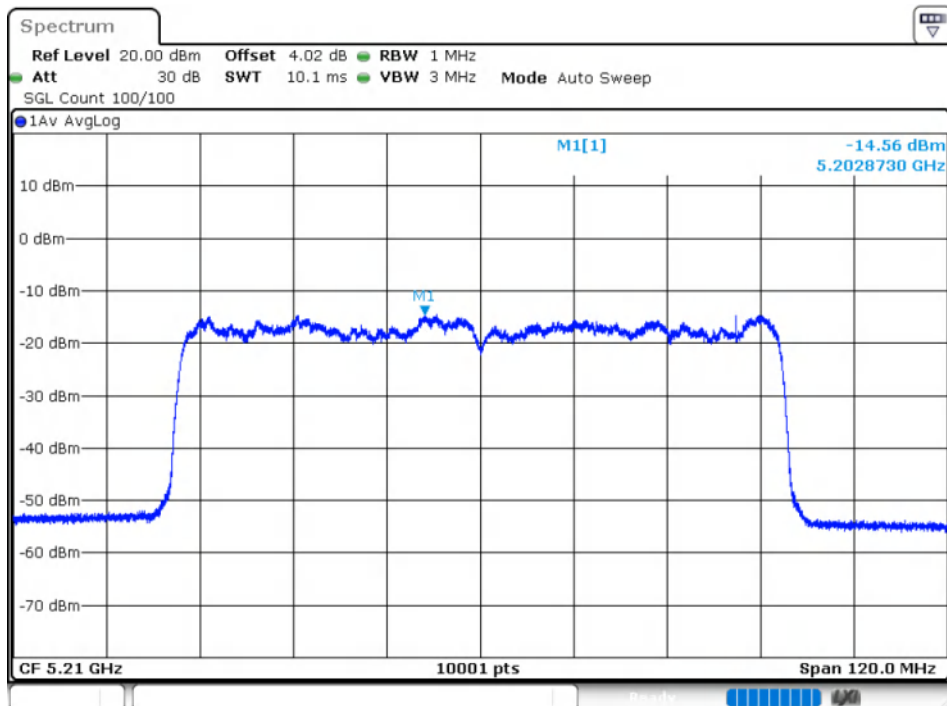
PSD NVNT ac40 5190MHz Ant1



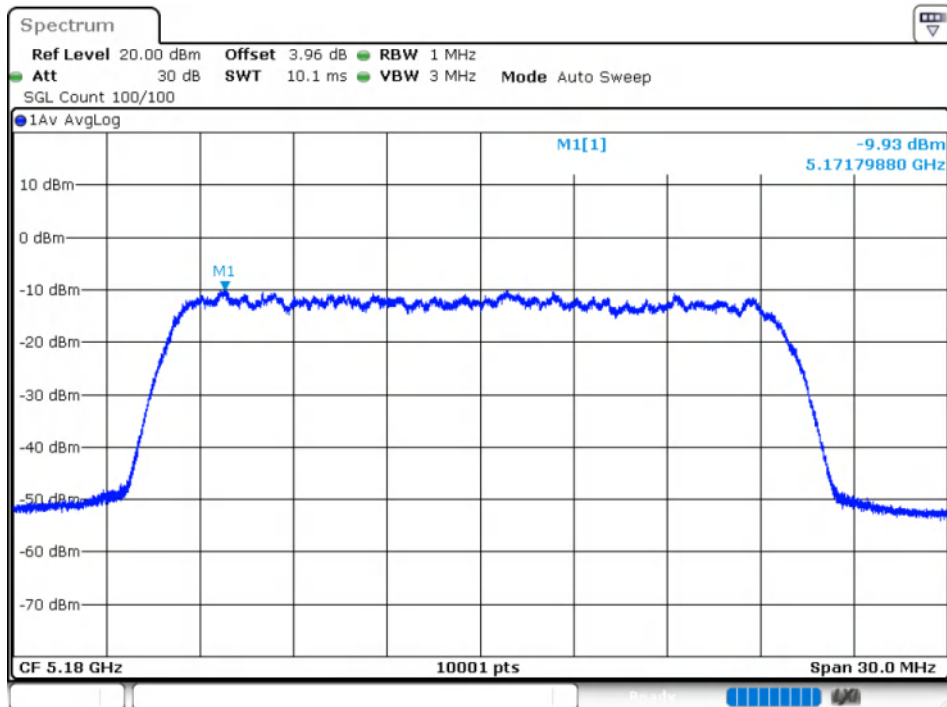
PSD NVNT ac40 5230MHz Ant1



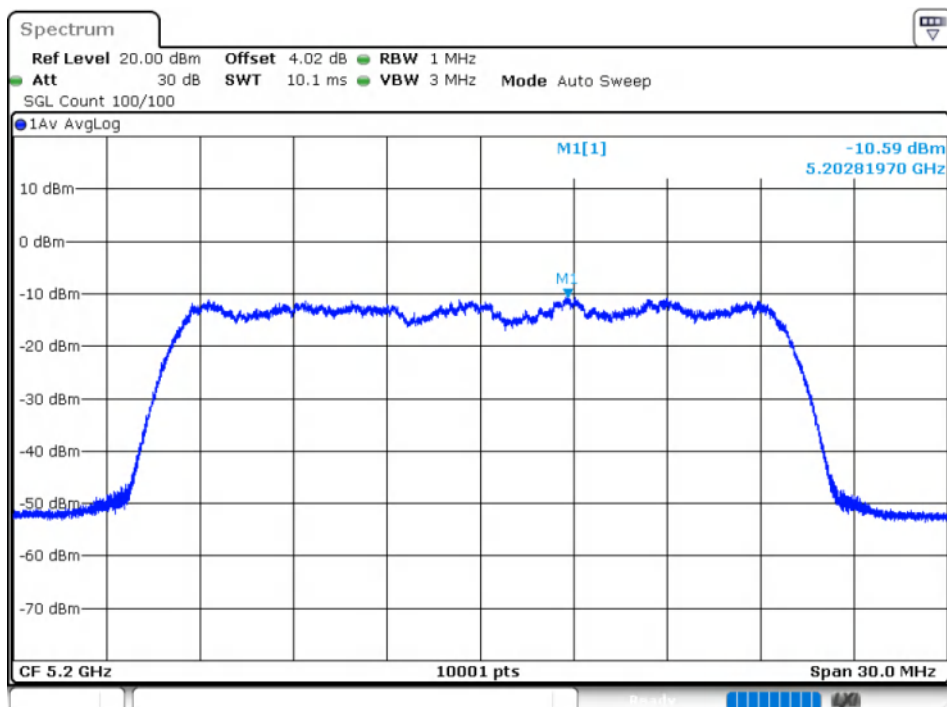
PSD NVNT ac80 5210MHz Ant1



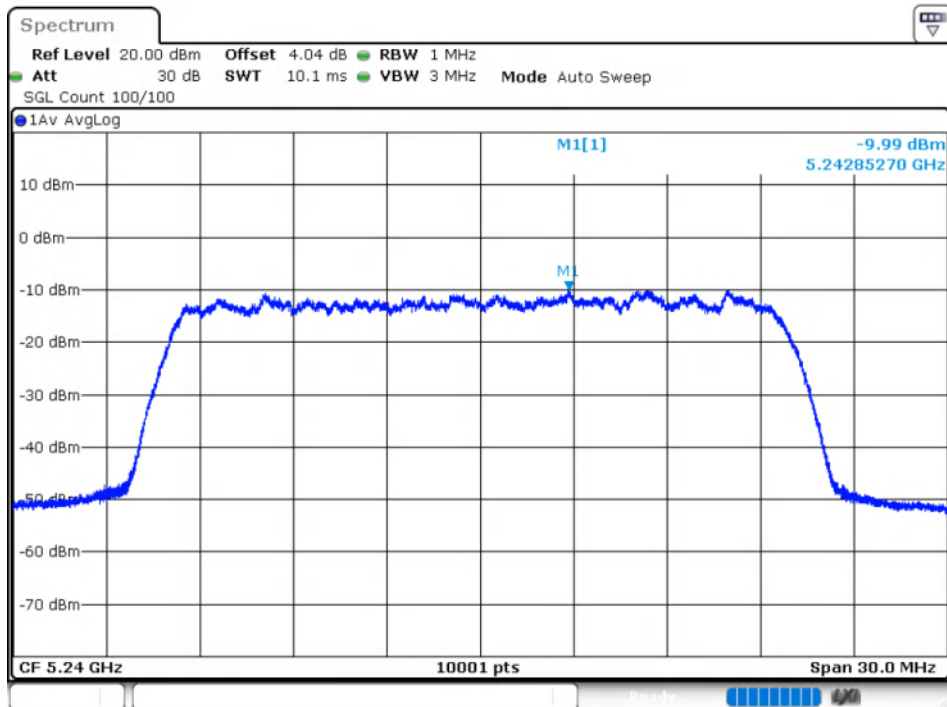
PSD NVNT ax20 5180MHz Ant1



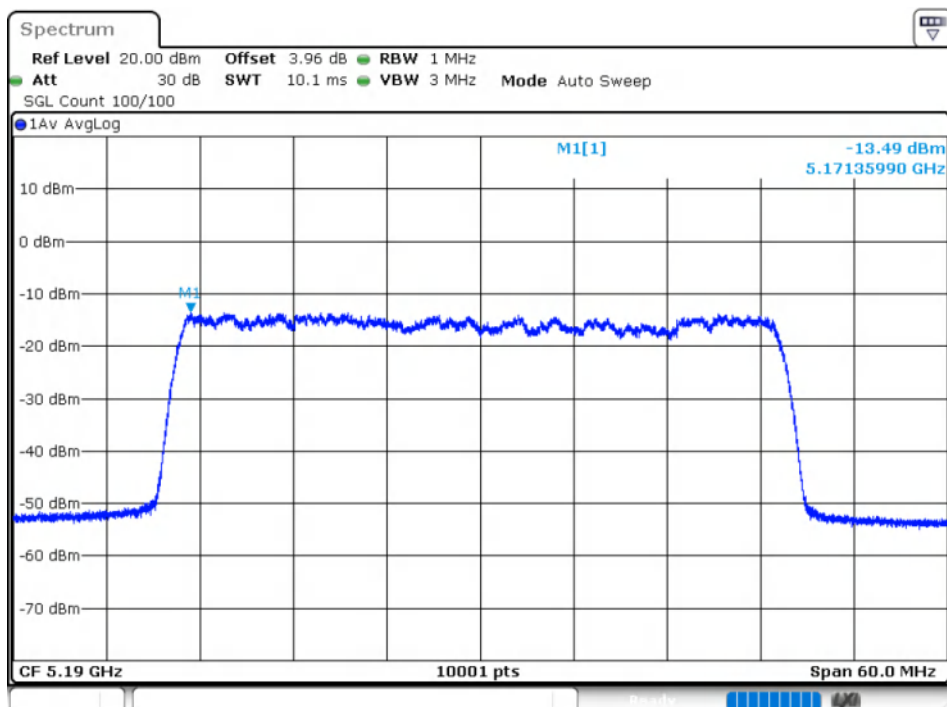
PSD NVNT ax20 5200MHz Ant1



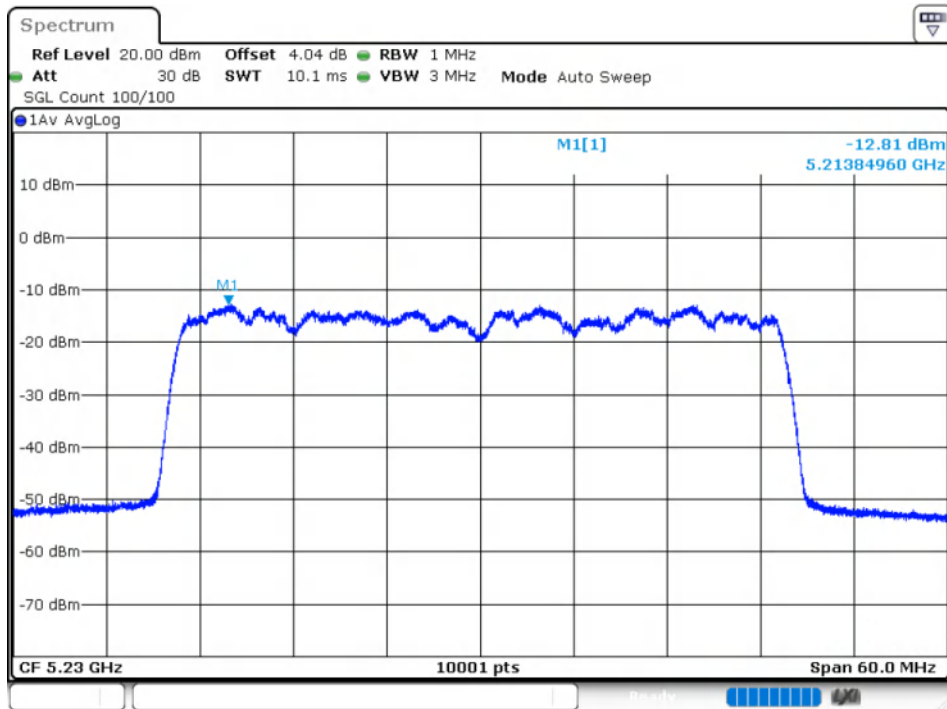
PSD NVNT ax20 5240MHz Ant1



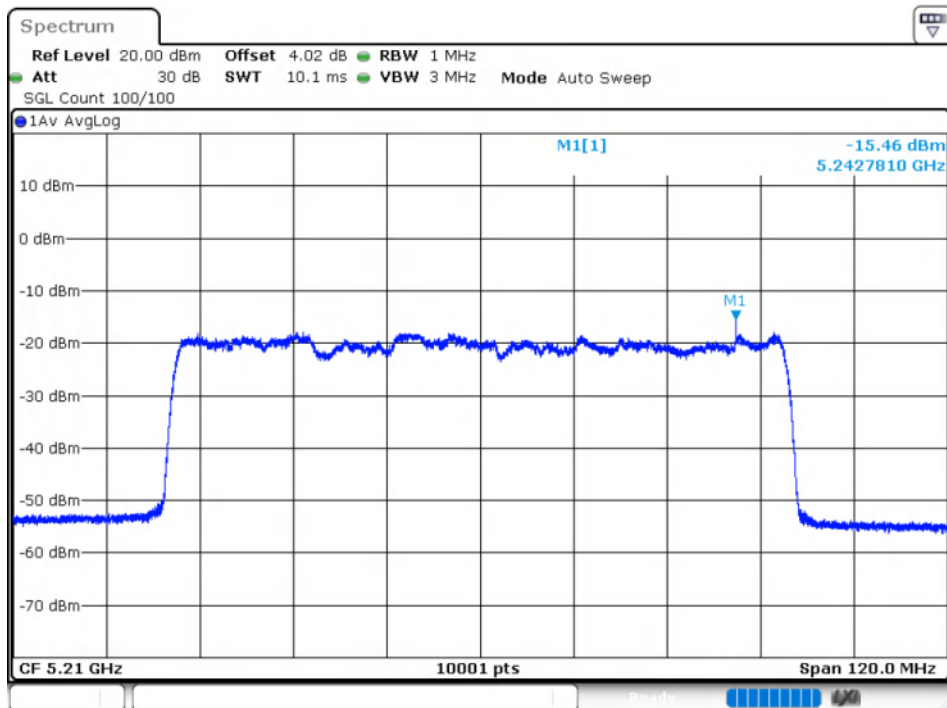
PSD NVNT ax40 5190MHz Ant1



PSD NVNT ax40 5230MHz Ant1



PSD NVNT ax80 5210MHz Ant1



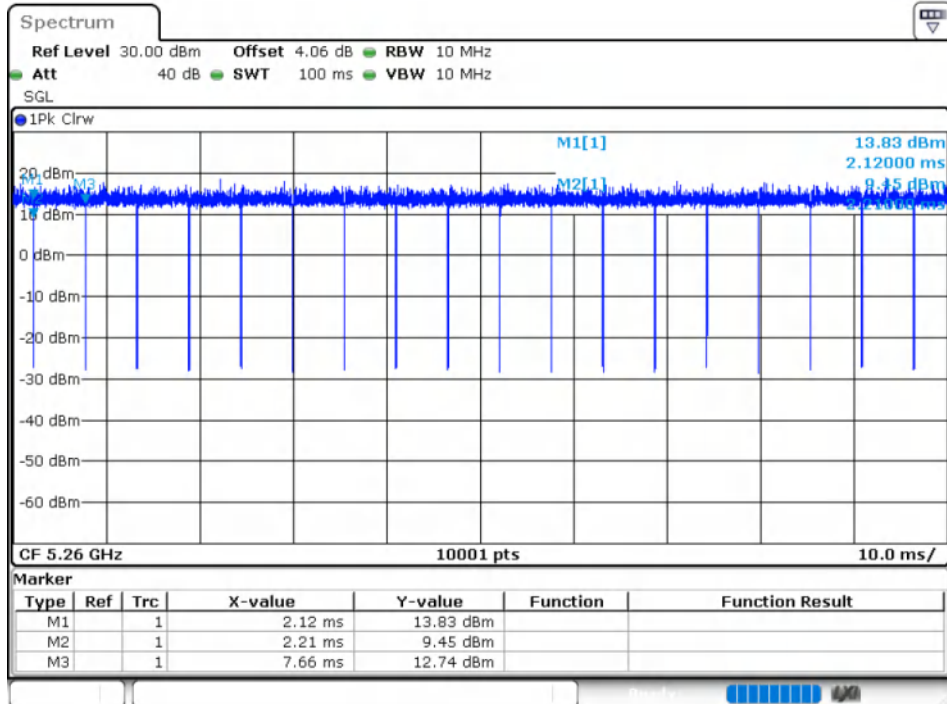
5.3G WIFI

Duty Cycle

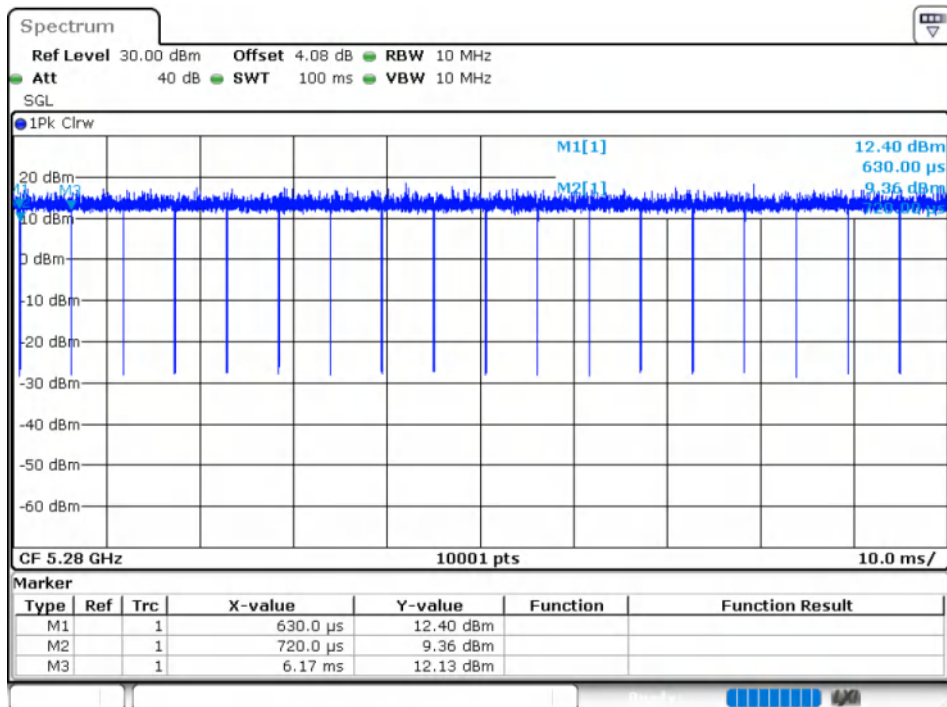
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	98.56	0.06	0.18
NVNT	a	5280	Ant1	98.56	0.06	0.18
NVNT	a	5320	Ant1	98.42	0.07	0.18
NVNT	n20	5260	Ant1	98.56	0.06	0.19
NVNT	n20	5280	Ant1	98.48	0.07	0.19
NVNT	n20	5320	Ant1	98.56	0.06	0.19
NVNT	n40	5270	Ant1	56.8	2.46	0.33
NVNT	n40	5310	Ant1	56.77	2.46	0.33
NVNT	ac20	5260	Ant1	98.56	0.06	0.19
NVNT	ac20	5280	Ant1	98.56	0.06	0.19
NVNT	ac20	5320	Ant1	98.48	0.07	0.19
NVNT	ac40	5270	Ant1	96.46	0.16	0.19
NVNT	ac40	5310	Ant1	96.46	0.16	0.19
NVNT	ac80	5290	Ant1	89.44	0.48	0.21
NVNT	ax20	5260	Ant1	86.68	0.62	0.22
NVNT	ax20	5280	Ant1	87.29	0.59	0.22
NVNT	ax20	5320	Ant1	87.08	0.6	0.22
NVNT	ax40	5270	Ant1	86.57	0.63	0.22
NVNT	ax40	5310	Ant1	86.57	0.63	0.22
NVNT	ax80	5290	Ant1	83.07	0.81	0.23

Test Graphs

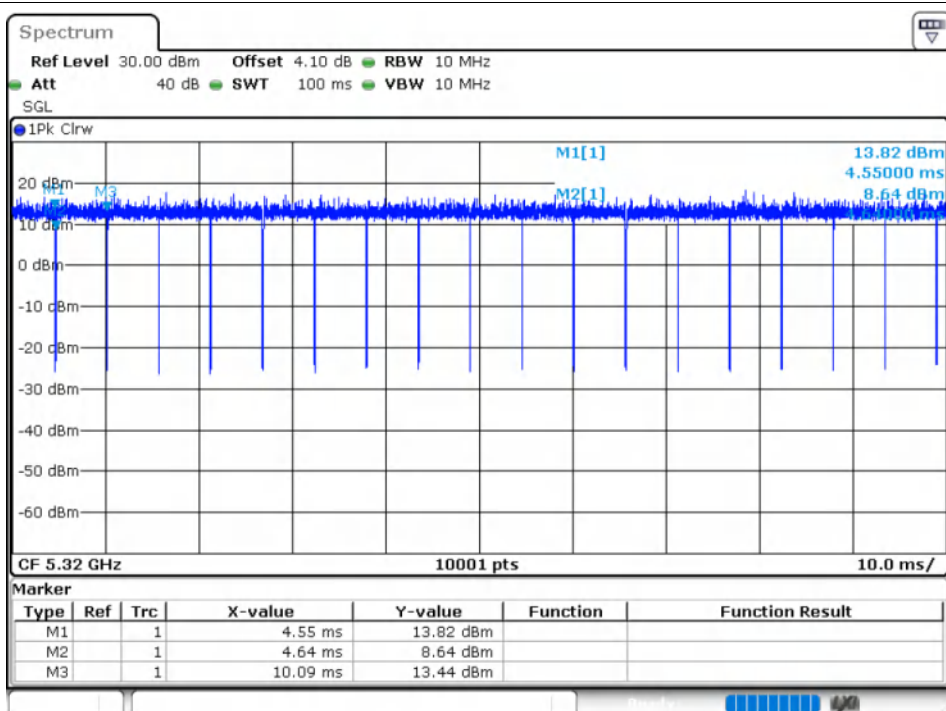
Duty Cycle NVNT a 5260MHz Ant1



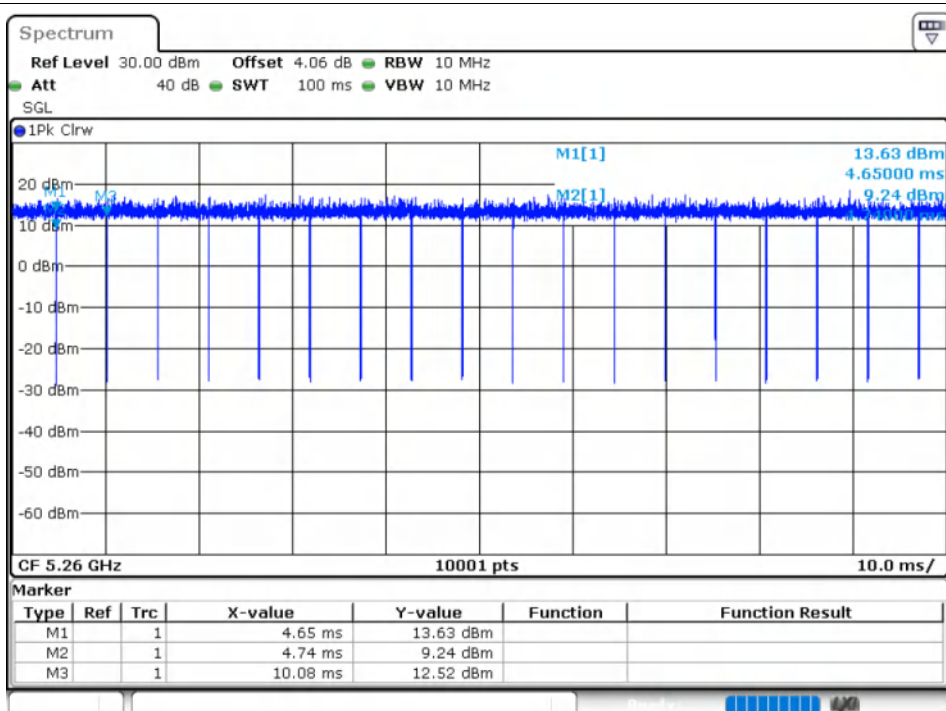
Duty Cycle NVNT a 5280MHz Ant1



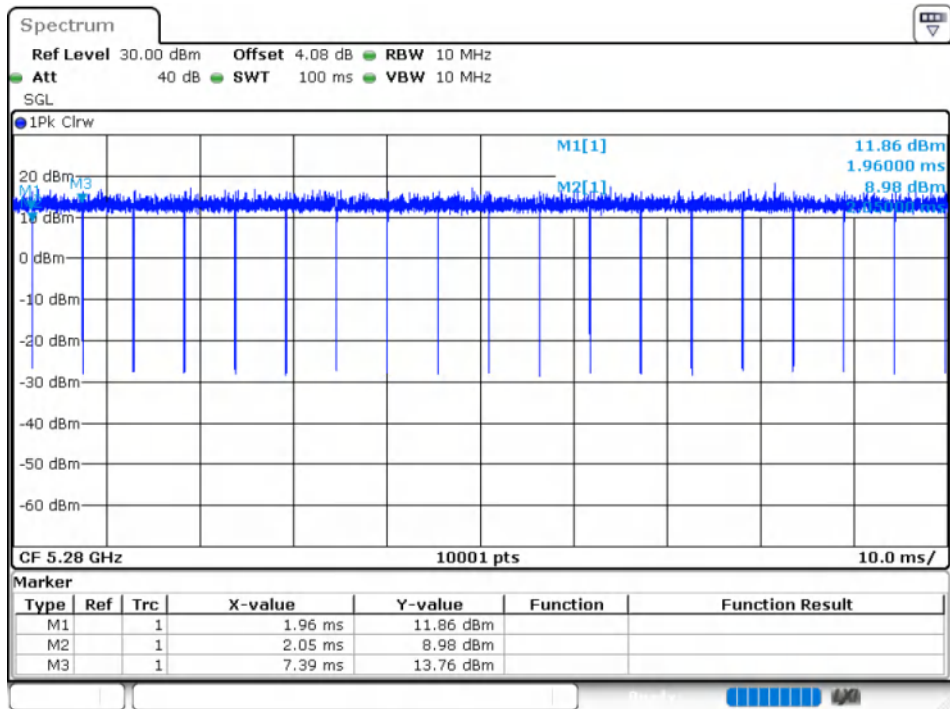
Duty Cycle NVNT a 5320MHz Ant1



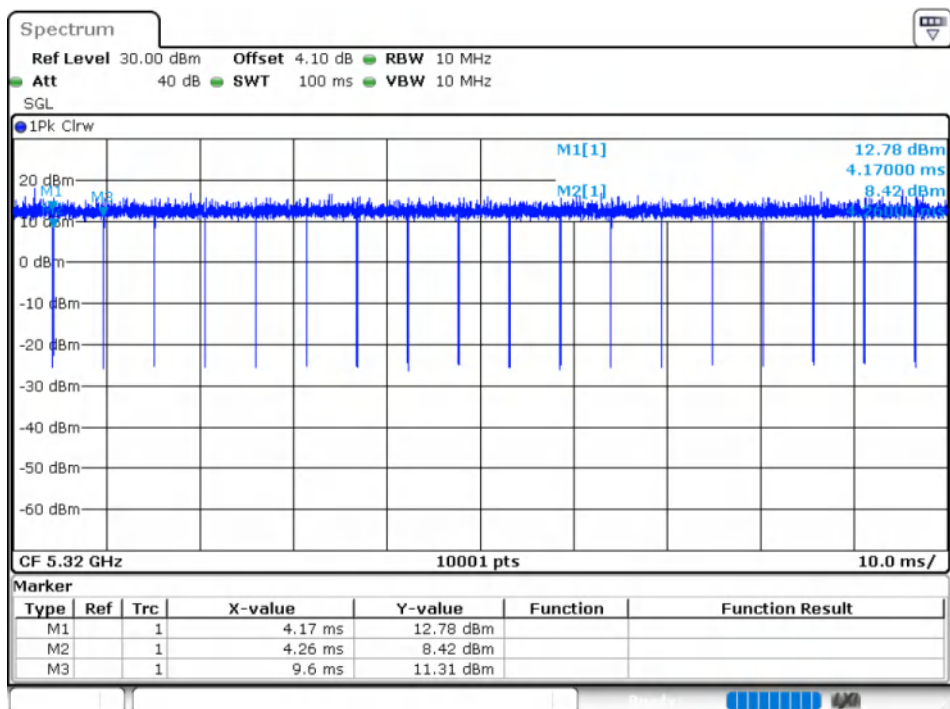
Duty Cycle NVNT n20 5260MHz Ant1



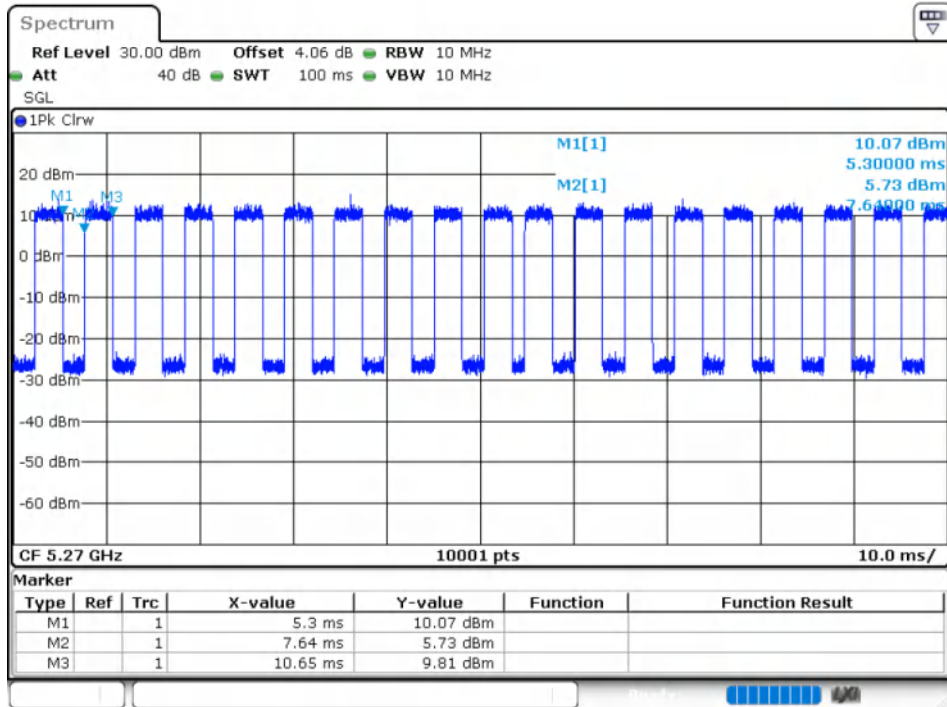
Duty Cycle NVNT n20 5280MHz Ant1



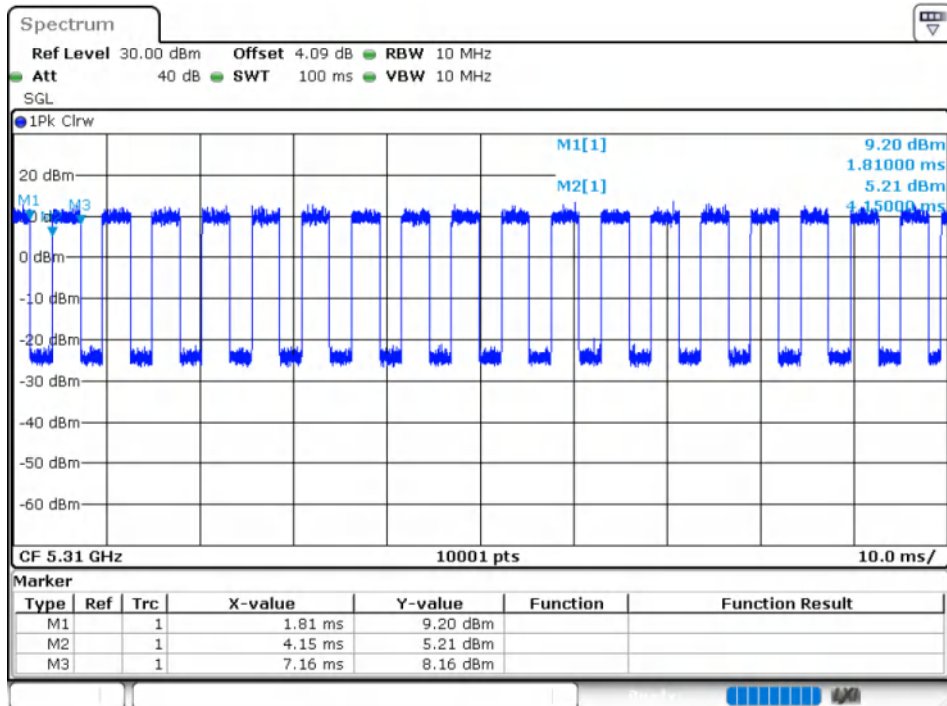
Duty Cycle NVNT n20 5320MHz Ant1



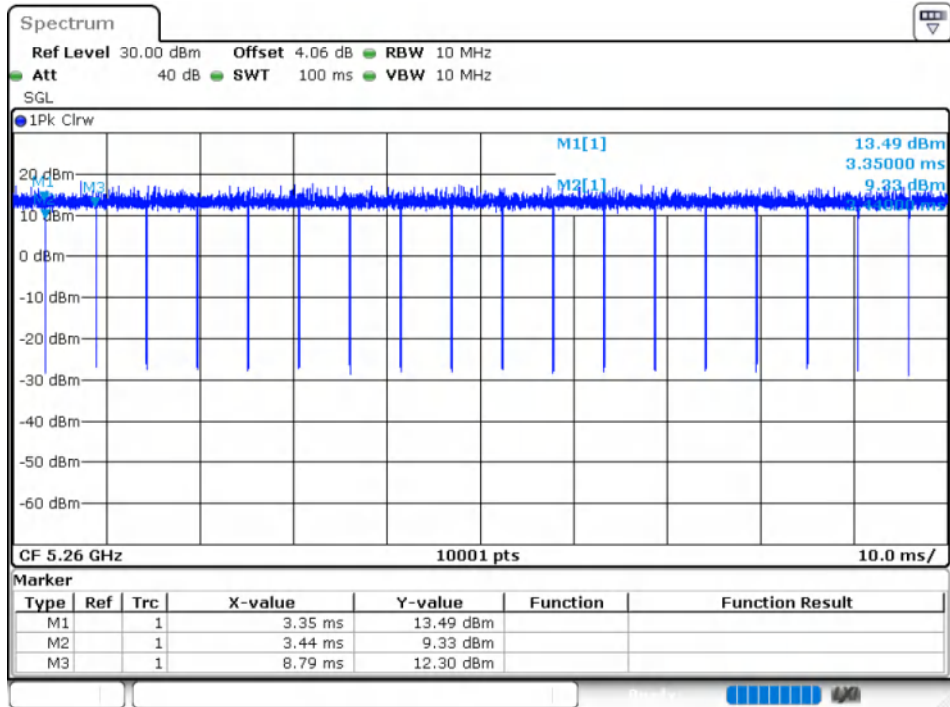
Duty Cycle NVNT n40 5270MHz Ant1



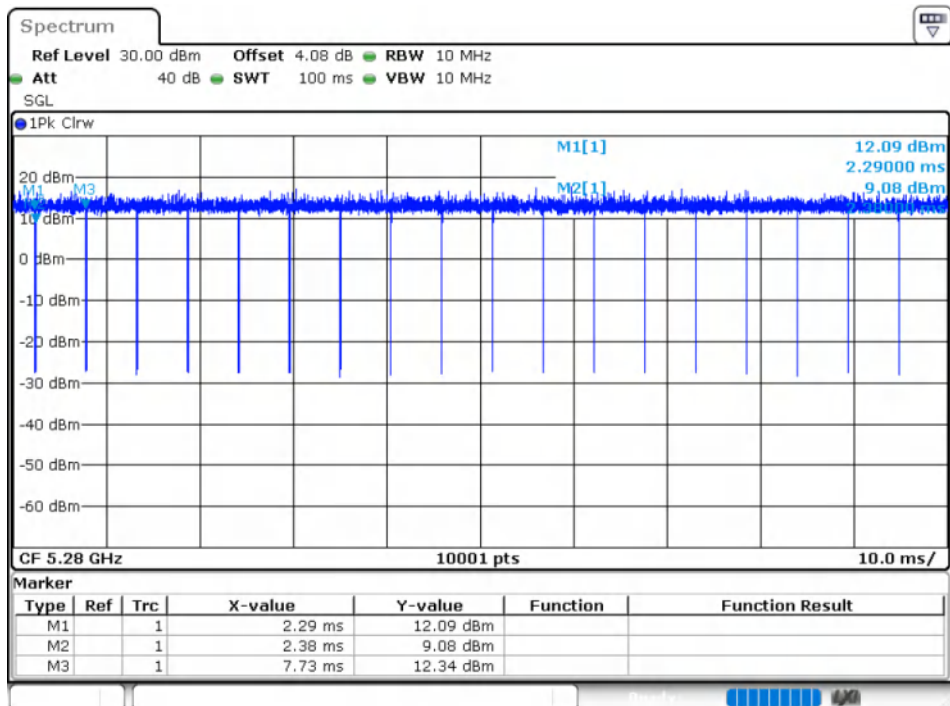
Duty Cycle NVNT n40 5310MHz Ant1



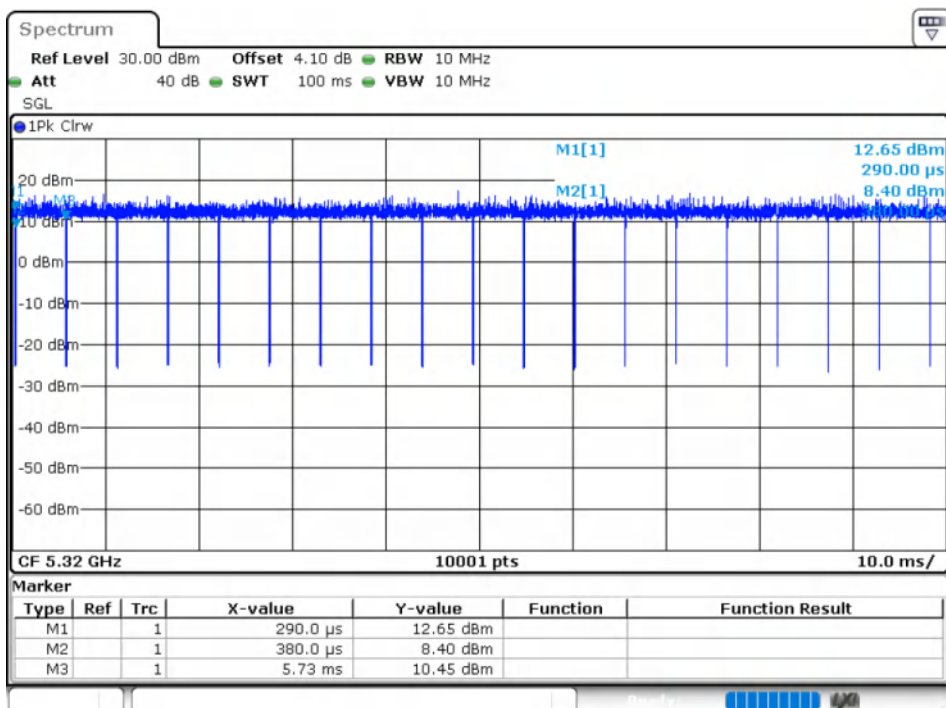
Duty Cycle NVNT ac20 5260MHz Ant1



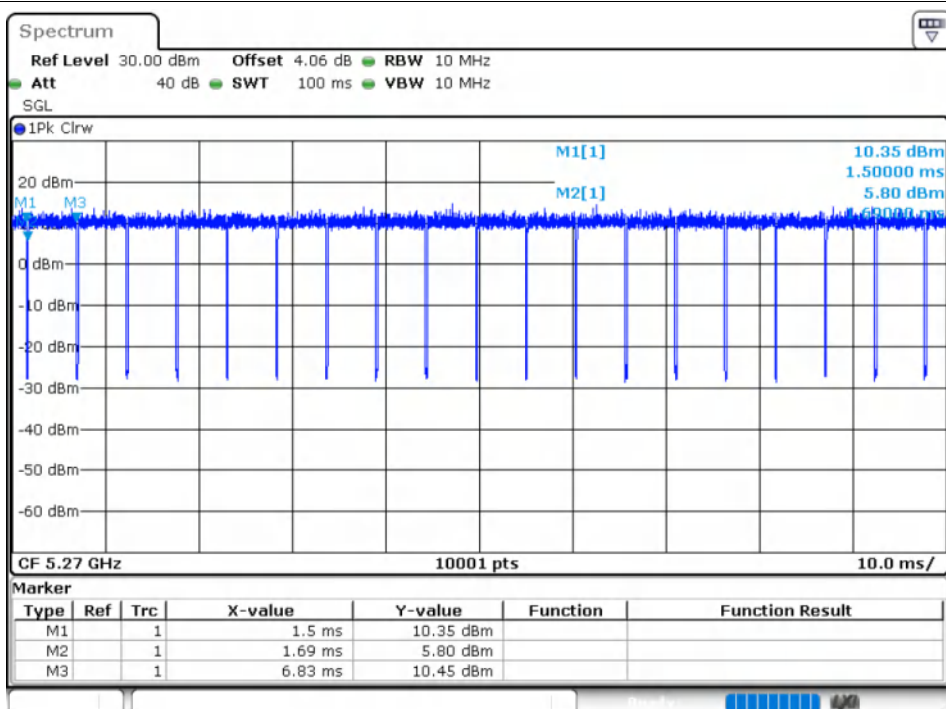
Duty Cycle NVNT ac20 5280MHz Ant1



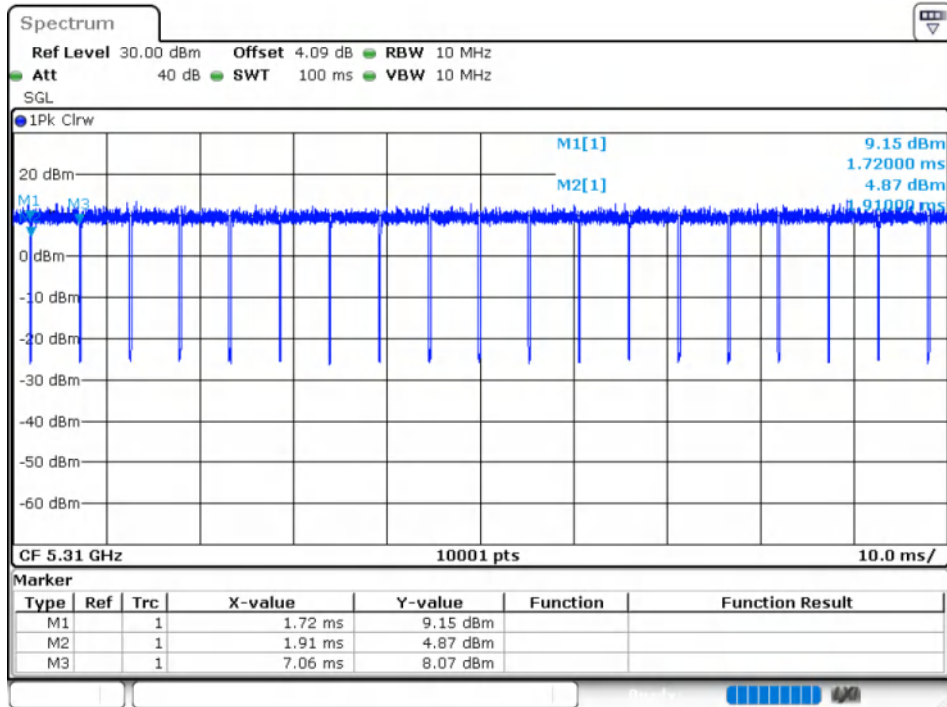
Duty Cycle NVNT ac20 5320MHz Ant1



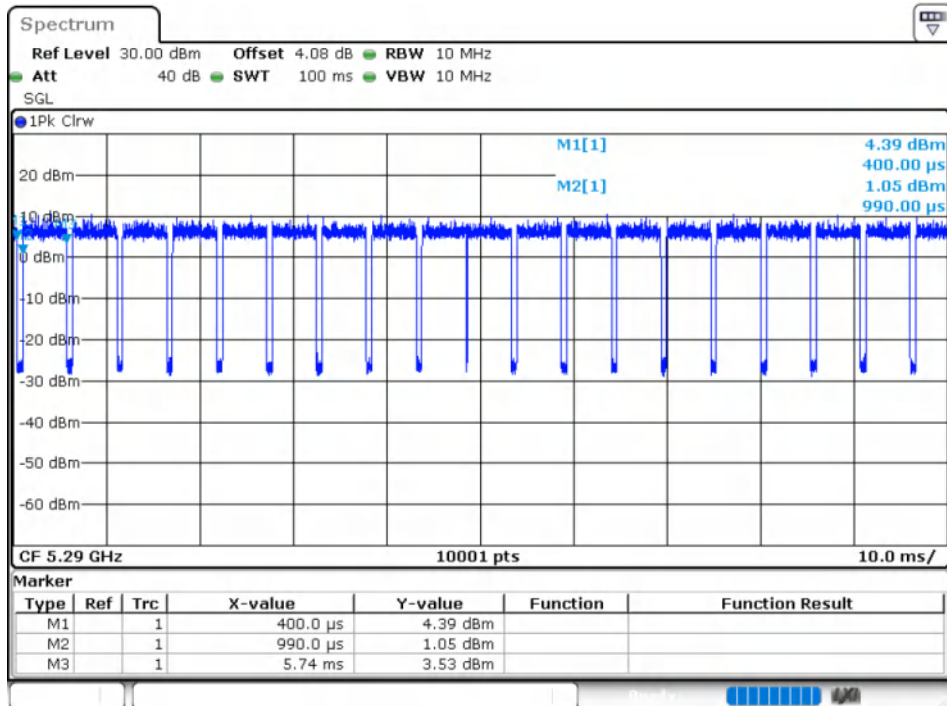
Duty Cycle NVNT ac40 5270MHz Ant1



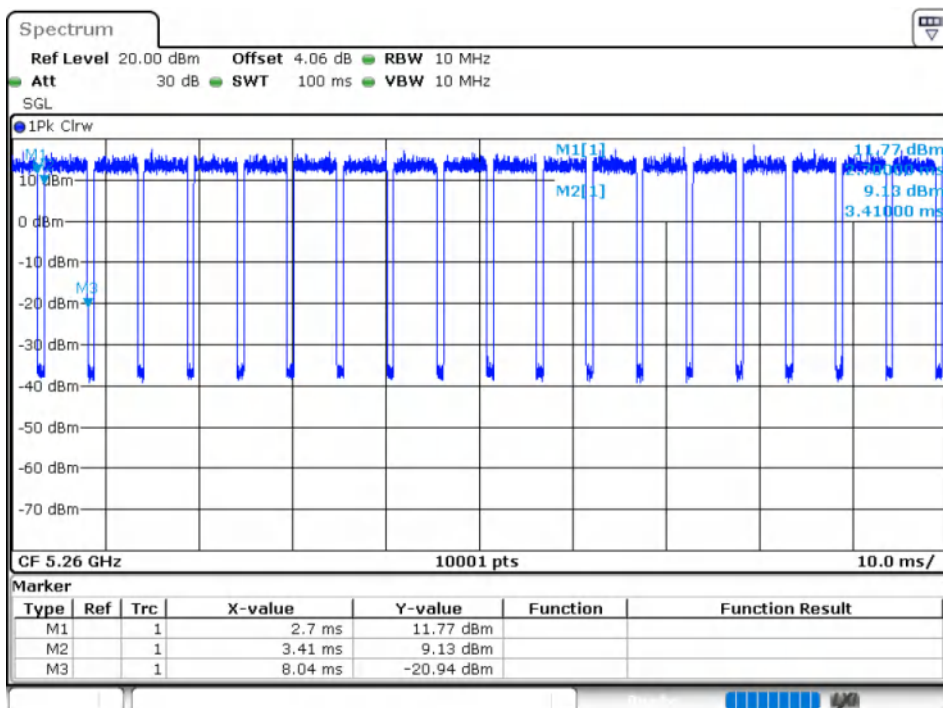
Duty Cycle NVNT ac40 5310MHz Ant1



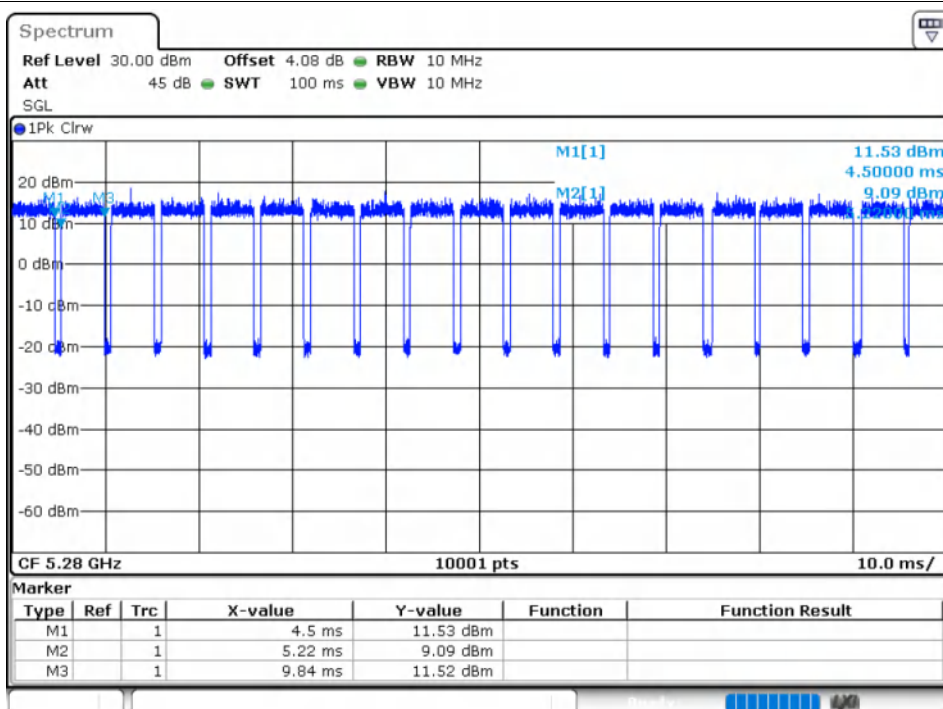
Duty Cycle NVNT ac80 5290MHz Ant1



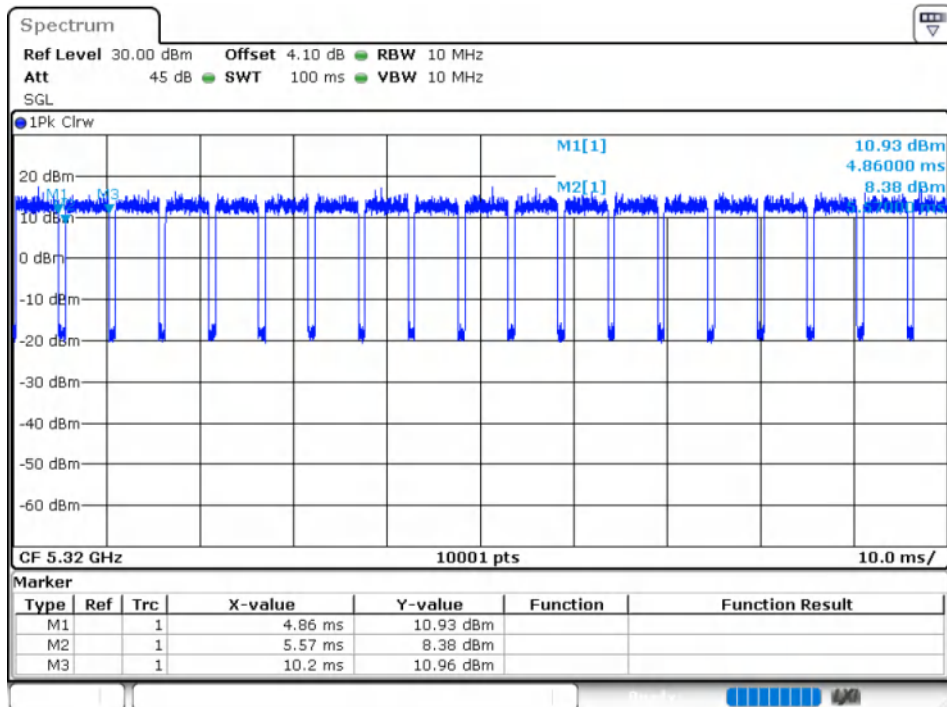
Duty Cycle NVNT ax20 5260MHz Ant1



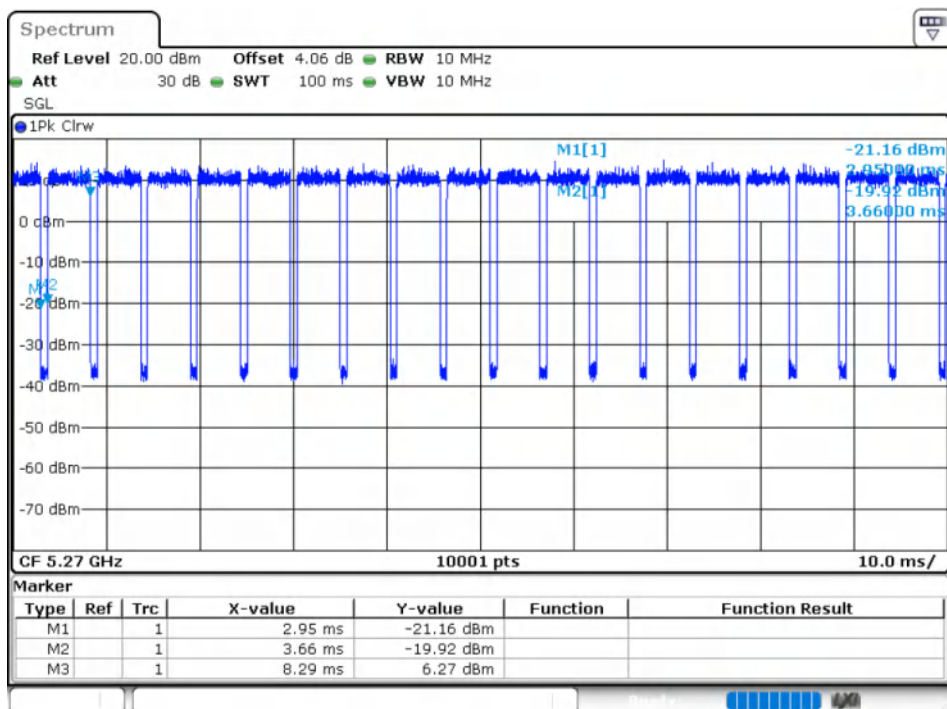
Duty Cycle NVNT ax20 5280MHz Ant1



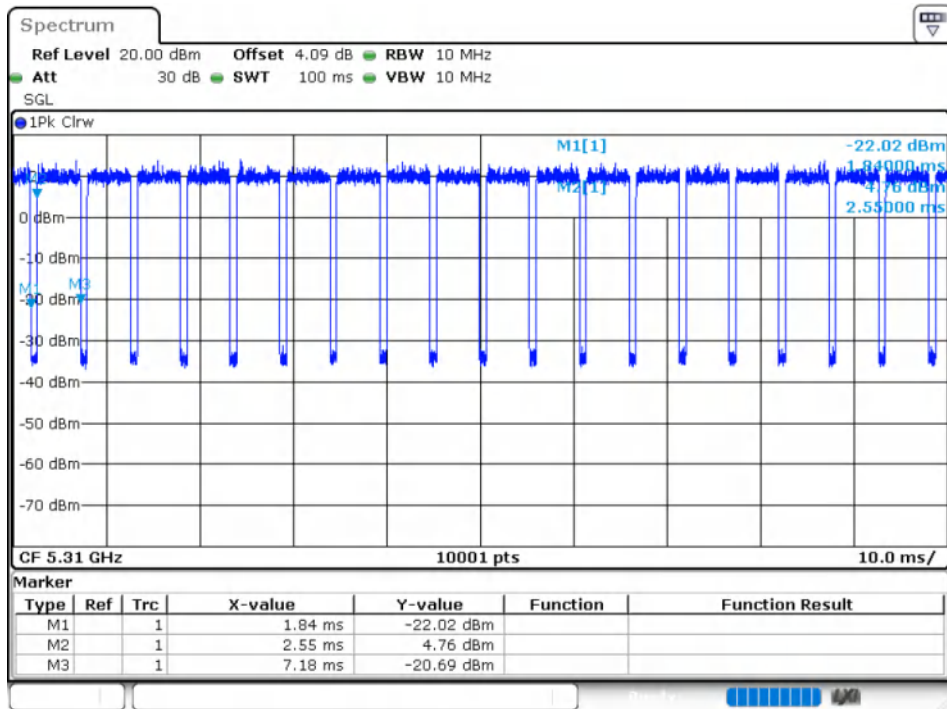
Duty Cycle NVNT ax20 5320MHz Ant1



Duty Cycle NVNT ax40 5270MHz Ant1



Duty Cycle NVNT ax40 5310MHz Ant1



Duty Cycle NVNT ax80 5290MHz Ant1



Maximum Conducted Output Power

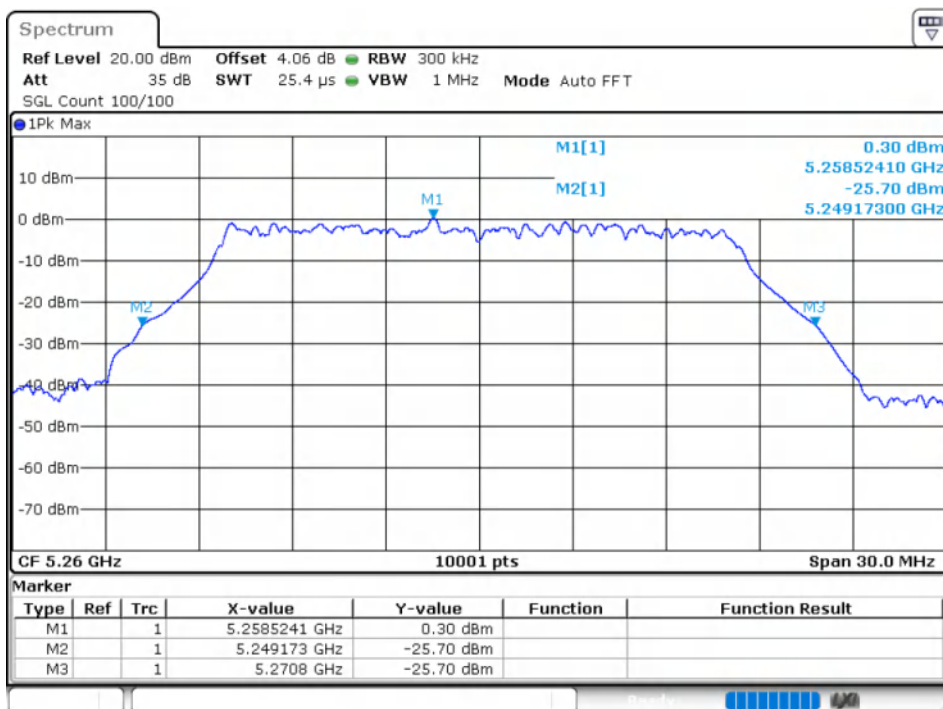
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	9.81	0.06	9.87	24	Pass
NVNT	a	5280	Ant1	9.4	0.06	9.46	24	Pass
NVNT	a	5320	Ant1	9.76	0.07	9.83	24	Pass
NVNT	n20	5260	Ant1	9.47	0.06	9.53	24	Pass
NVNT	n20	5280	Ant1	9.14	0.07	9.21	24	Pass
NVNT	n20	5320	Ant1	9.25	0.06	9.31	24	Pass
NVNT	n40	5270	Ant1	7.28	2.46	9.74	24	Pass
NVNT	n40	5310	Ant1	7.4	2.46	9.86	24	Pass
NVNT	ac20	5260	Ant1	9.61	0.06	9.67	24	Pass
NVNT	ac20	5280	Ant1	9.29	0.06	9.35	24	Pass
NVNT	ac20	5320	Ant1	9.65	0.07	9.72	24	Pass
NVNT	ac40	5270	Ant1	9.08	0.16	9.24	24	Pass
NVNT	ac40	5310	Ant1	9.45	0.16	9.61	24	Pass
NVNT	ac80	5290	Ant1	8.59	0.48	9.07	24	Pass
NVNT	ax20	5260	Ant1	9.13	0.62	9.75	24	Pass
NVNT	ax20	5280	Ant1	8.73	0.59	9.32	24	Pass
NVNT	ax20	5320	Ant1	9.21	0.6	9.81	24	Pass
NVNT	ax40	5270	Ant1	8.92	0.63	9.55	24	Pass
NVNT	ax40	5310	Ant1	9.14	0.63	9.77	24	Pass
NVNT	ax80	5290	Ant1	8.15	0.81	8.96	24	Pass

-26dB Bandwidth

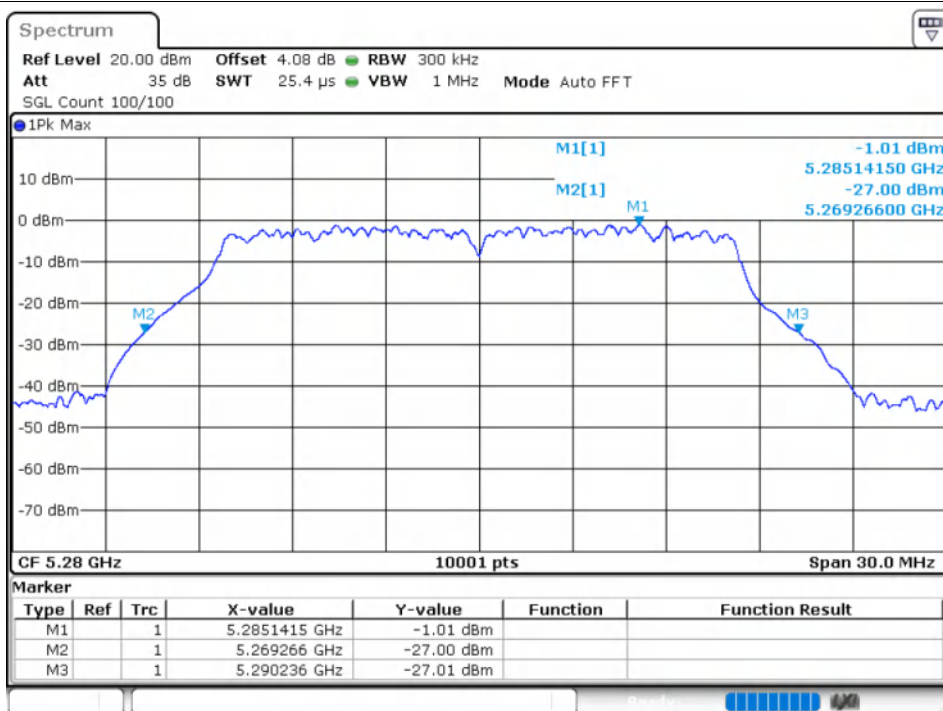
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	21.627	Pass
NVNT	a	5280	Ant1	20.97	Pass
NVNT	a	5320	Ant1	21.789	Pass
NVNT	n20	5260	Ant1	21.759	Pass
NVNT	n20	5280	Ant1	21.795	Pass
NVNT	n20	5320	Ant1	22.119	Pass
NVNT	n40	5270	Ant1	40.716	Pass
NVNT	n40	5310	Ant1	41.16	Pass
NVNT	ac20	5260	Ant1	21.738	Pass
NVNT	ac20	5280	Ant1	21.762	Pass
NVNT	ac20	5320	Ant1	22.218	Pass
NVNT	ac40	5270	Ant1	40.74	Pass
NVNT	ac40	5310	Ant1	41.16	Pass
NVNT	ac80	5290	Ant1	80.616	Pass
NVNT	ax20	5260	Ant1	22.299	Pass
NVNT	ax20	5280	Ant1	22.35	Pass
NVNT	ax20	5320	Ant1	22.416	Pass
NVNT	ax40	5270	Ant1	41.316	Pass
NVNT	ax40	5310	Ant1	41.52	Pass
NVNT	ax80	5290	Ant1	83.016	Pass

Test Graphs

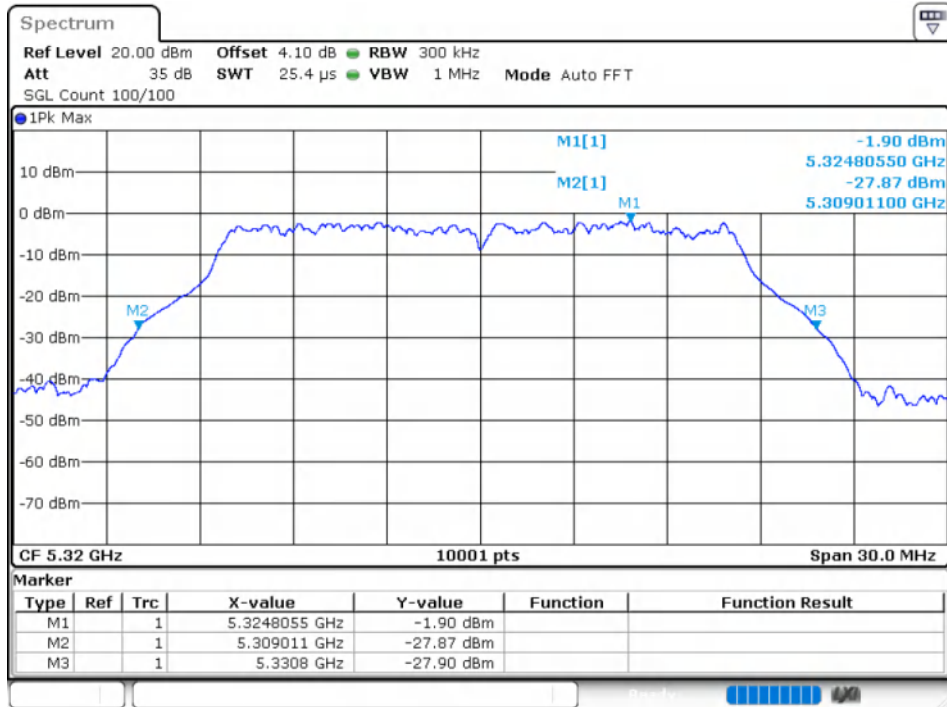
-26dB Bandwidth NVNT a 5260MHz Ant1



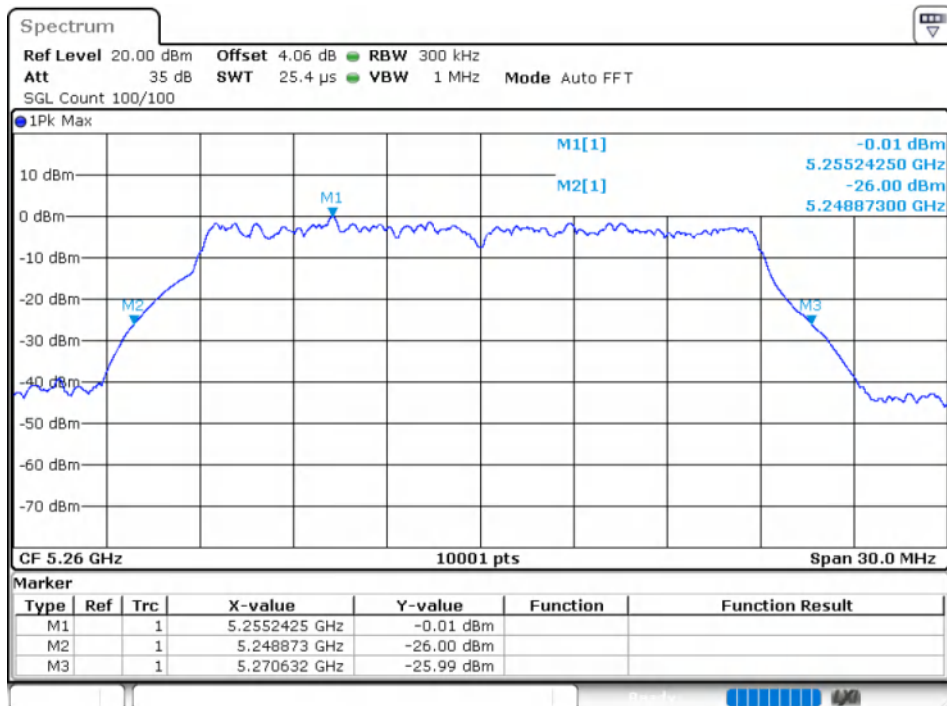
-26dB Bandwidth NVNT a 5280MHz Ant1



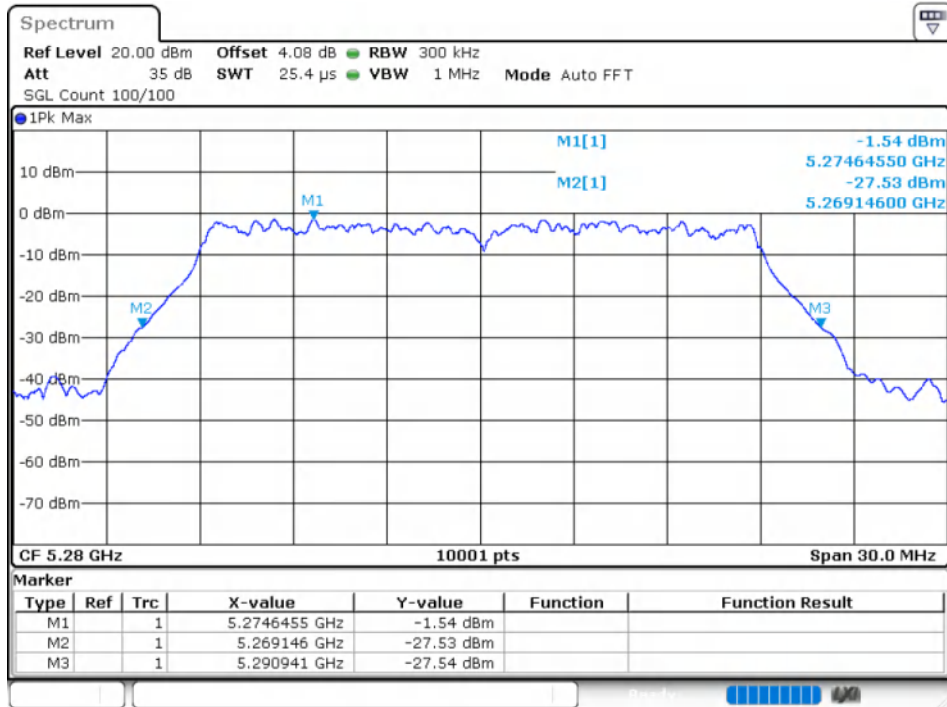
-26dB Bandwidth NVNT a 5320MHz Ant1



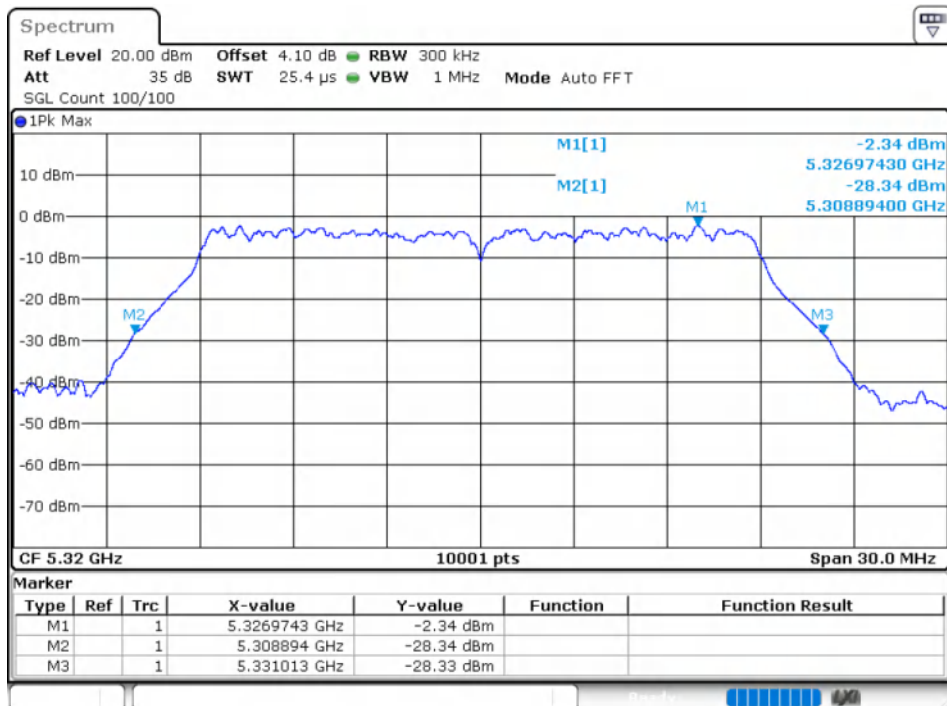
-26dB Bandwidth NVNT n20 5260MHz Ant1



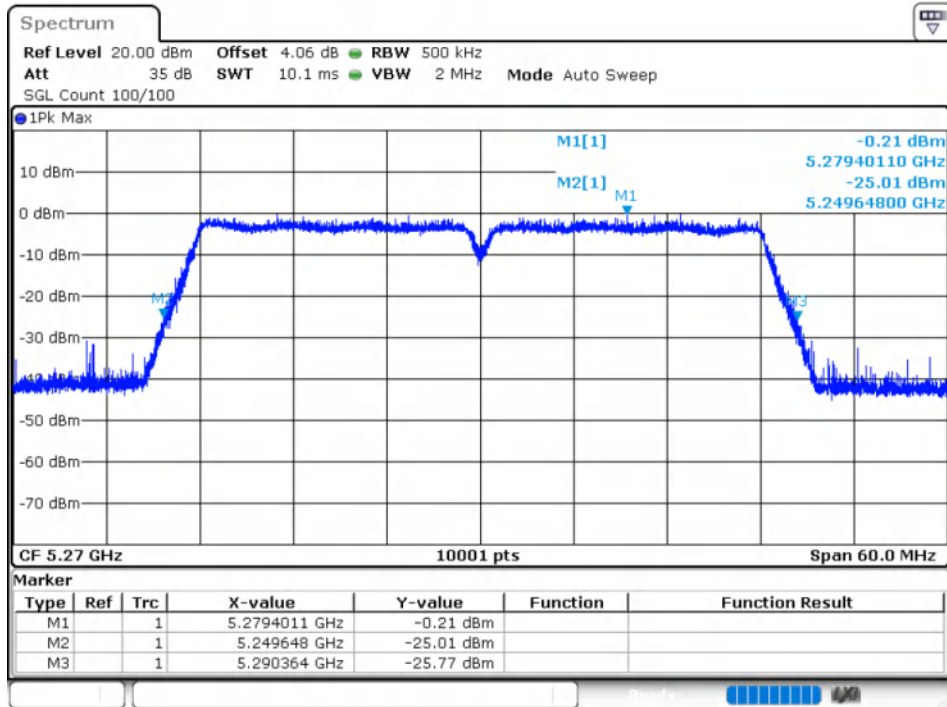
-26dB Bandwidth NVNT n20 5280MHz Ant1



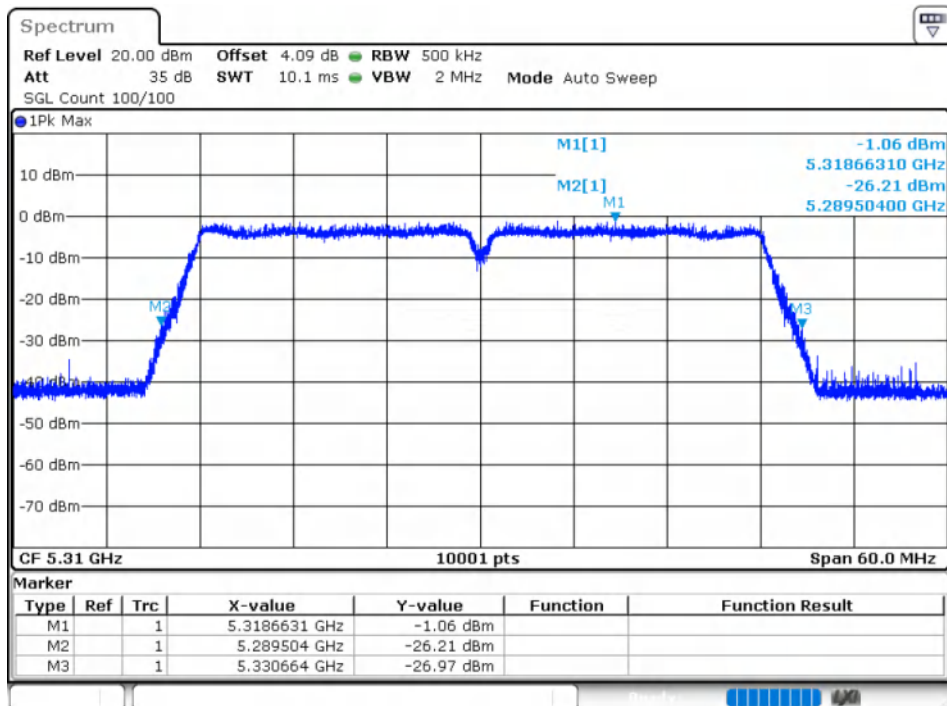
-26dB Bandwidth NVNT n20 5320MHz Ant1



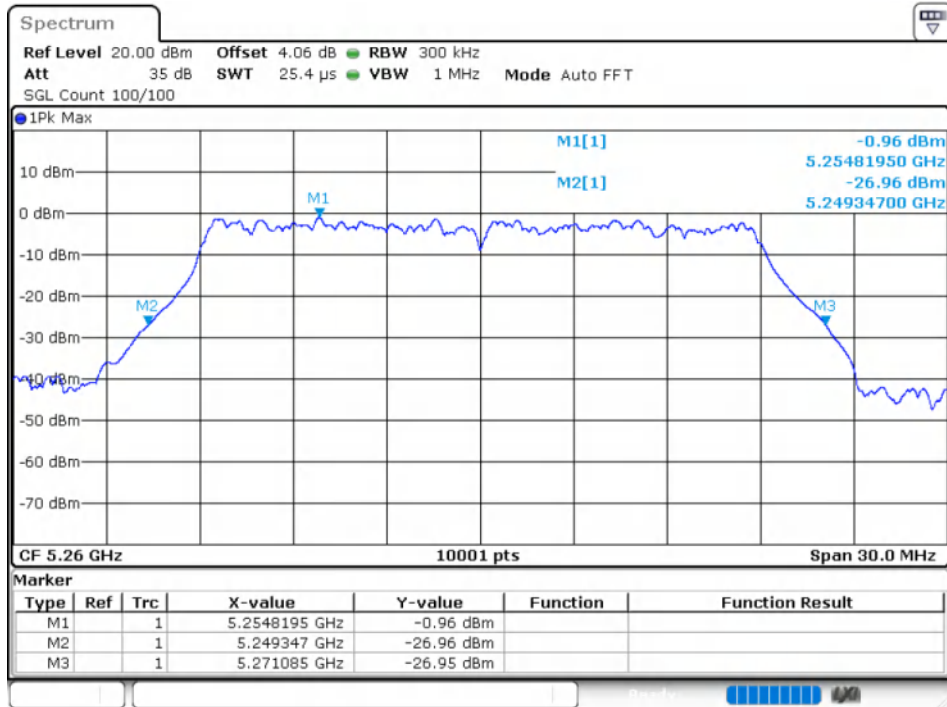
-26dB Bandwidth NVNT n40 5270MHz Ant1



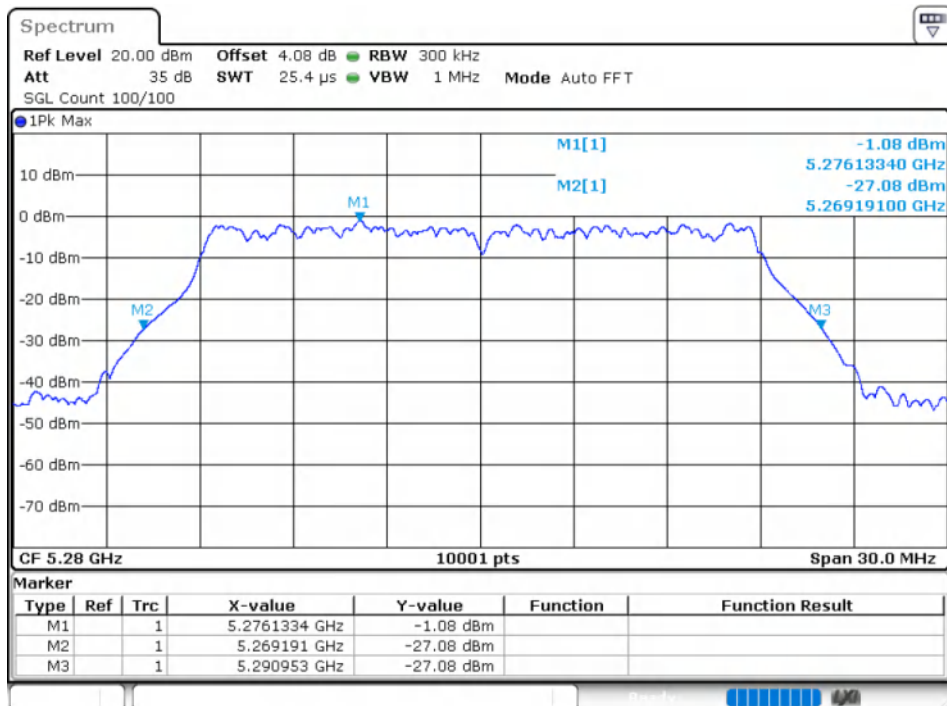
-26dB Bandwidth NVNT n40 5310MHz Ant1



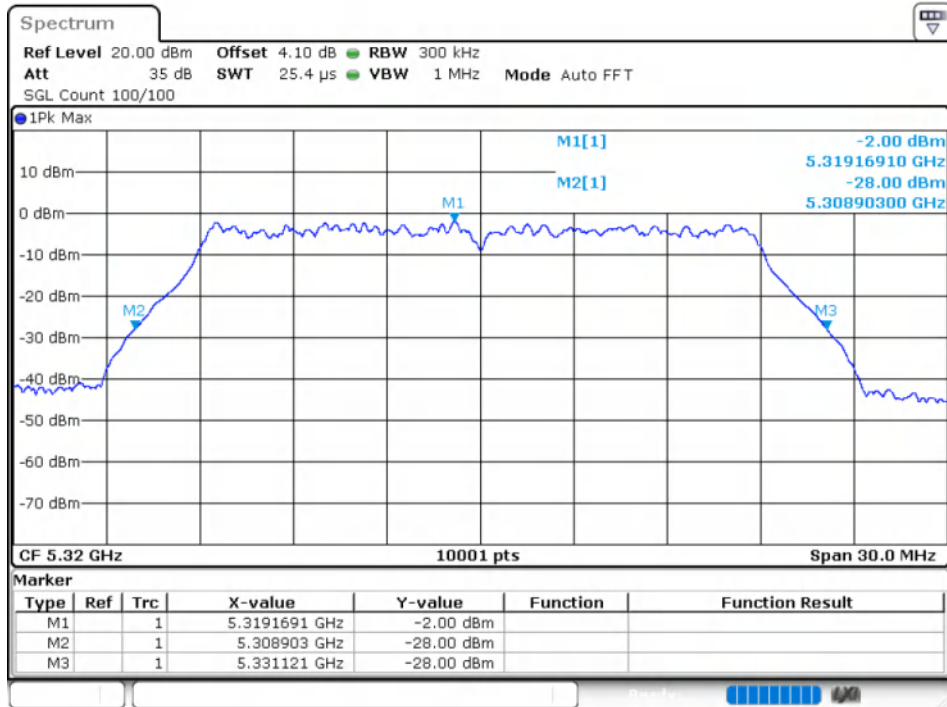
-26dB Bandwidth NVNT ac20 5260MHz Ant1



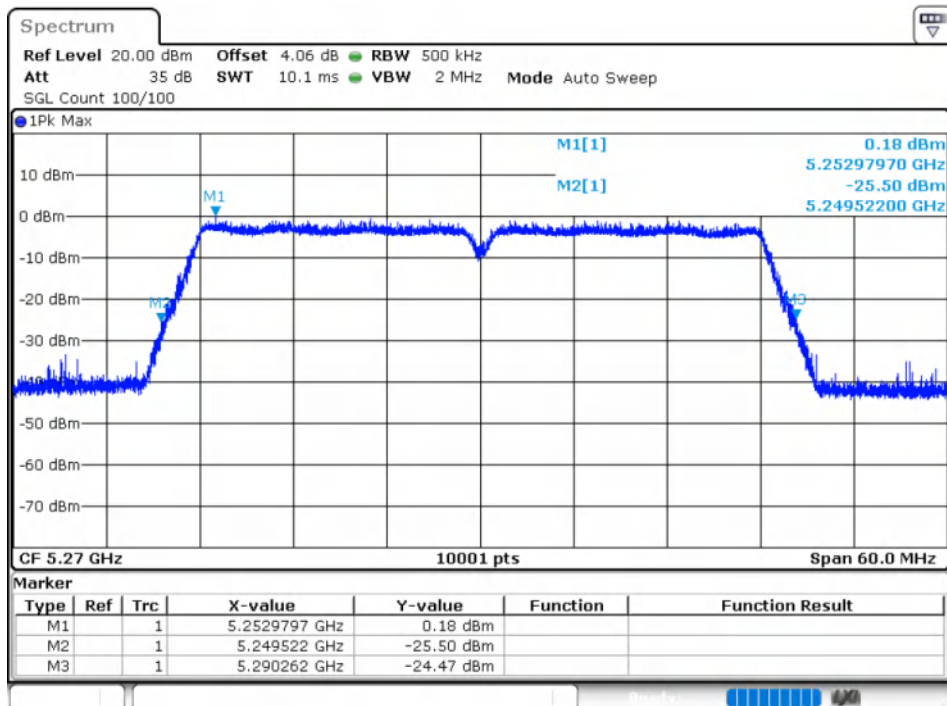
-26dB Bandwidth NVNT ac20 5280MHz Ant1



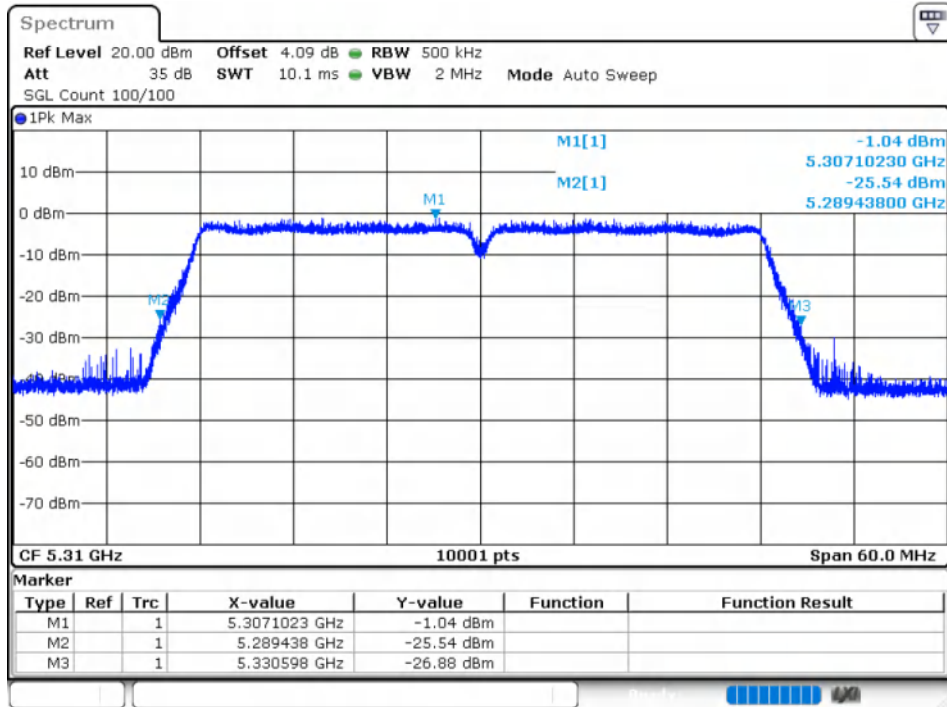
-26dB Bandwidth NVNT ac20 5320MHz Ant1



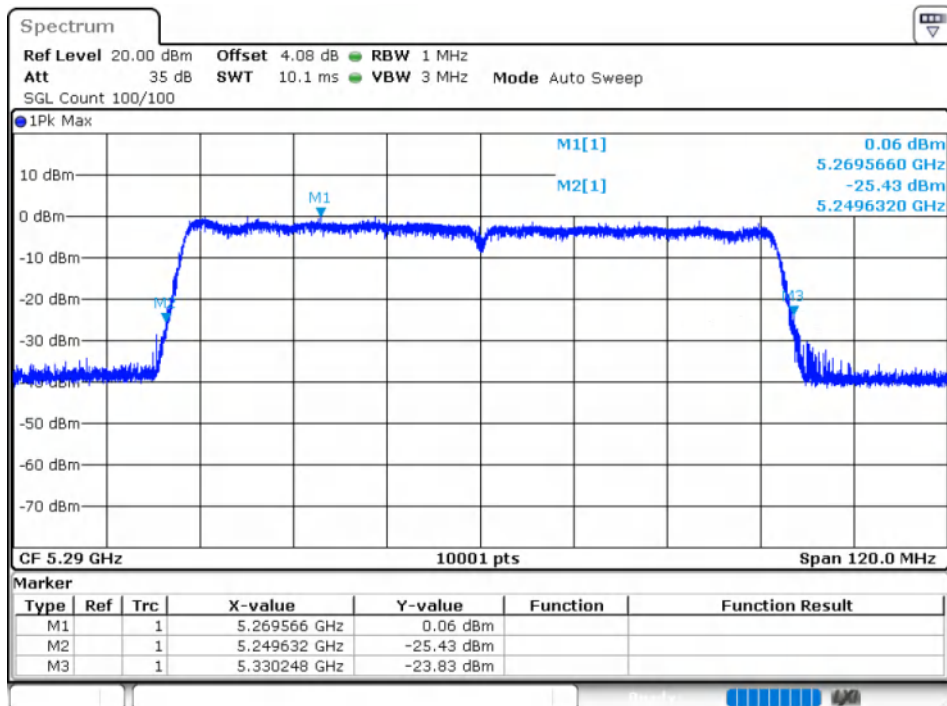
-26dB Bandwidth NVNT ac40 5270MHz Ant1



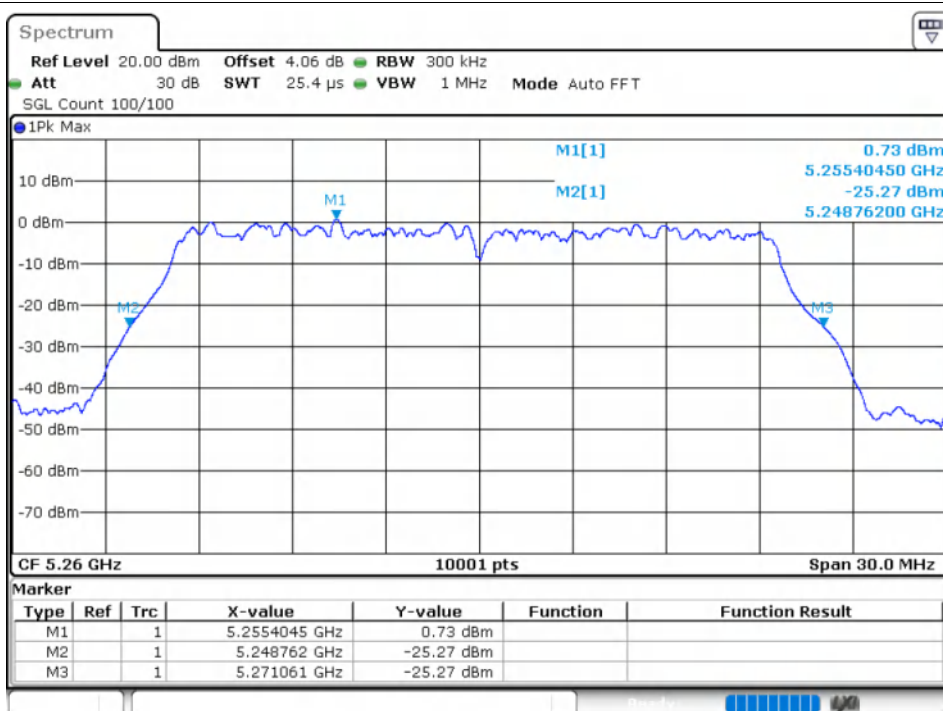
-26dB Bandwidth NVNT ac40 5310MHz Ant1



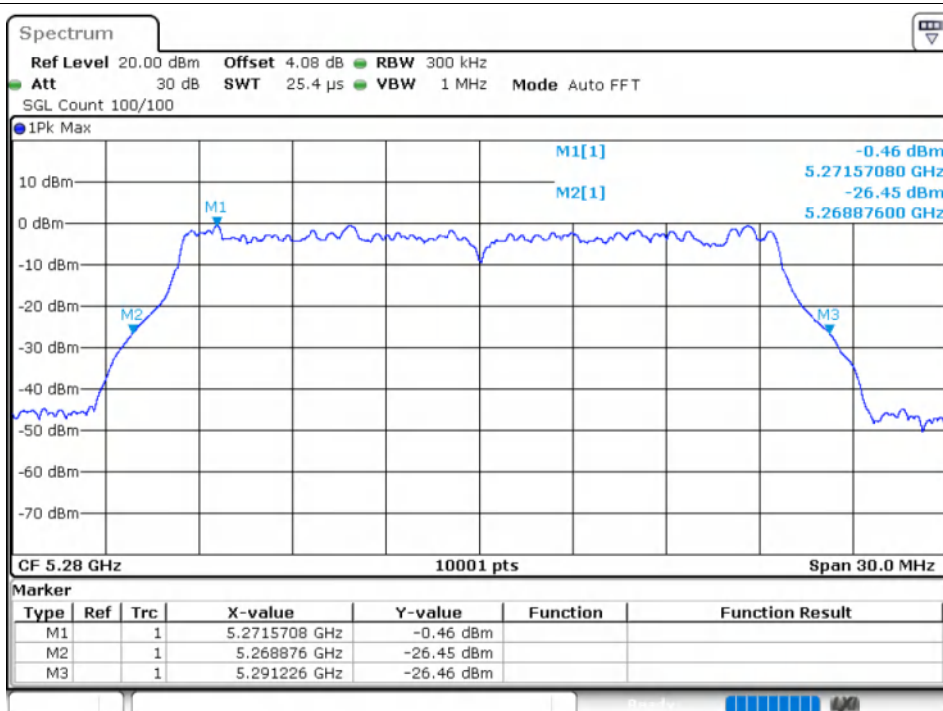
-26dB Bandwidth NVNT ac80 5290MHz Ant1



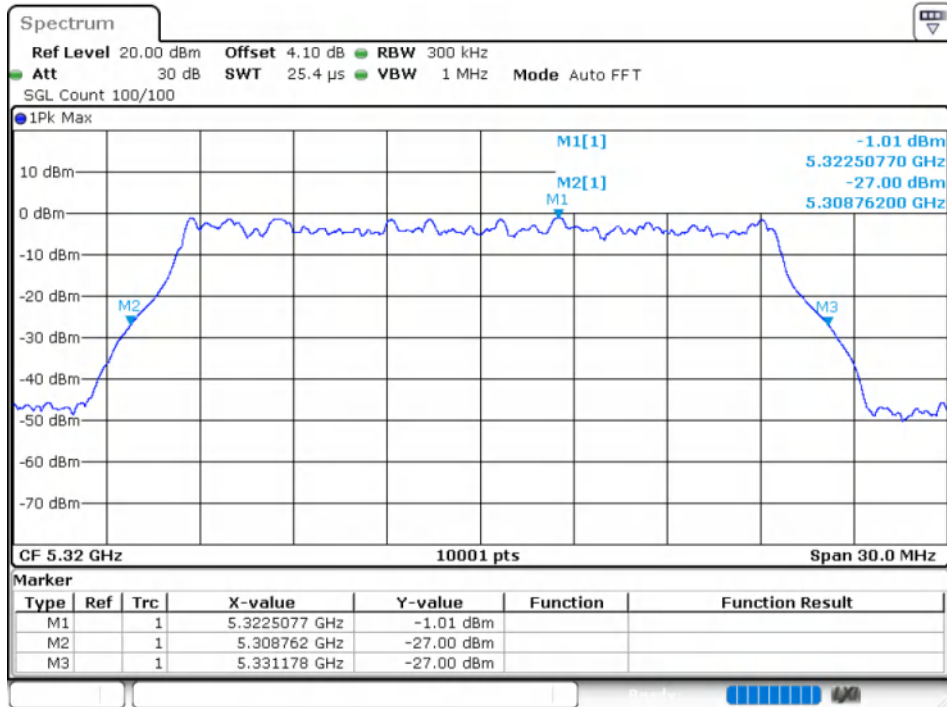
-26dB Bandwidth NVNT ax20 5260MHz Ant1



-26dB Bandwidth NVNT ax20 5280MHz Ant1



-26dB Bandwidth NVNT ax20 5320MHz Ant1



-26dB Bandwidth NVNT ax40 5270MHz Ant1

