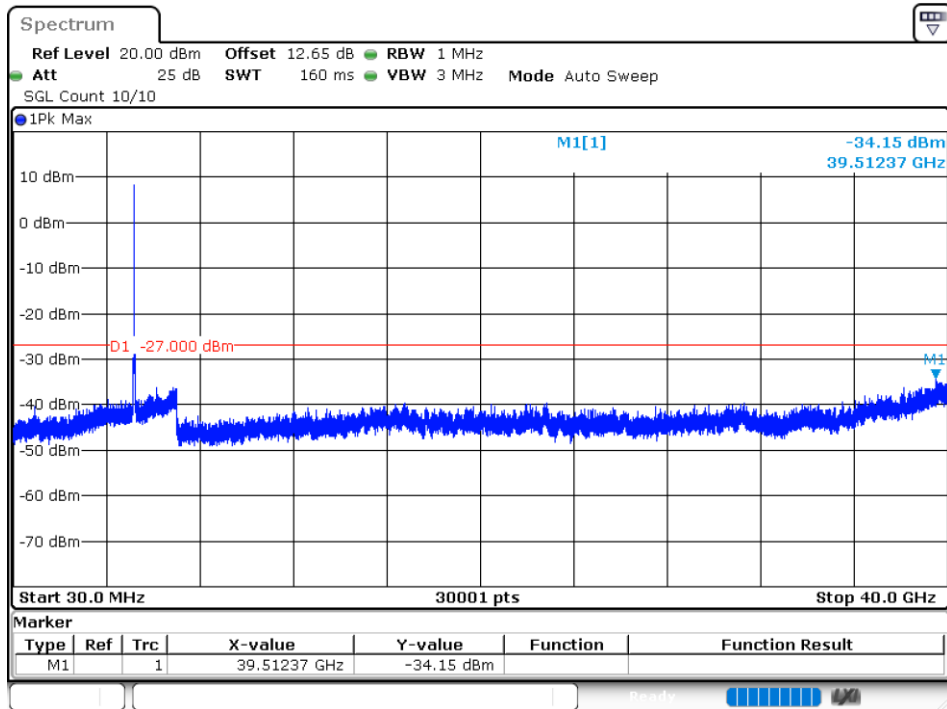
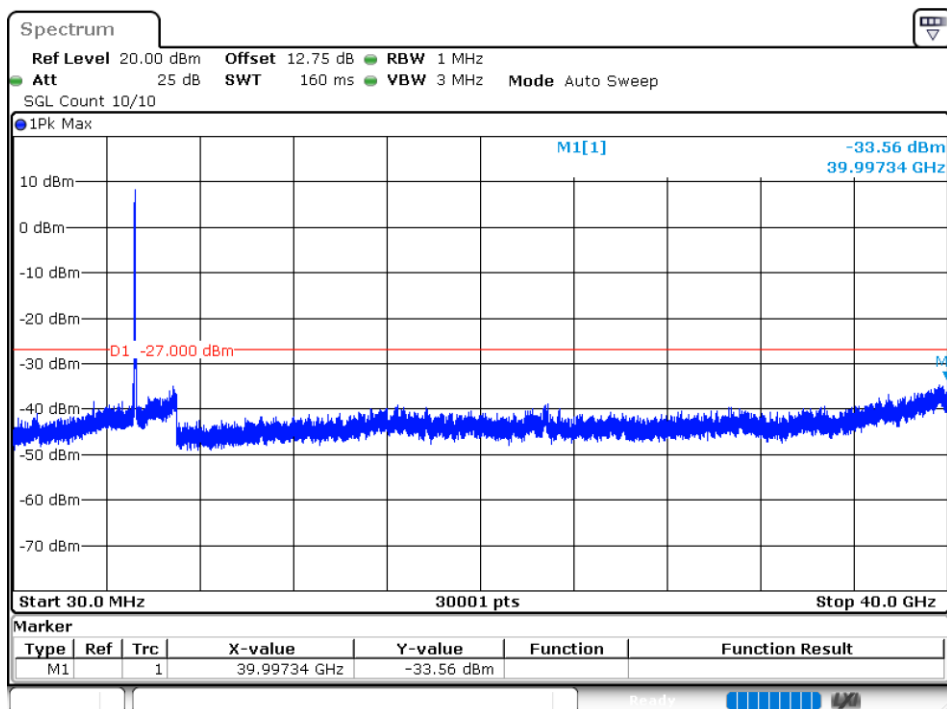
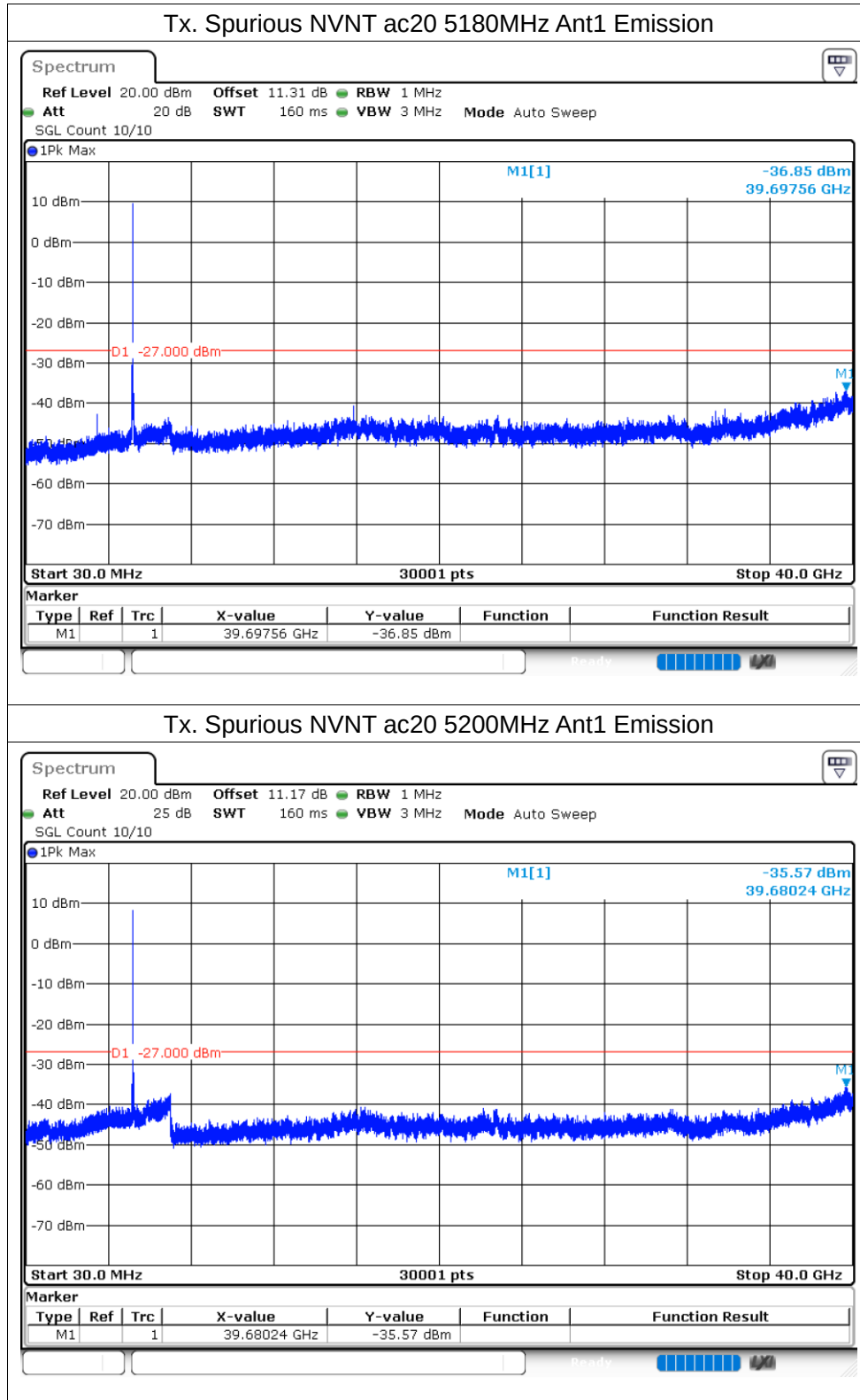


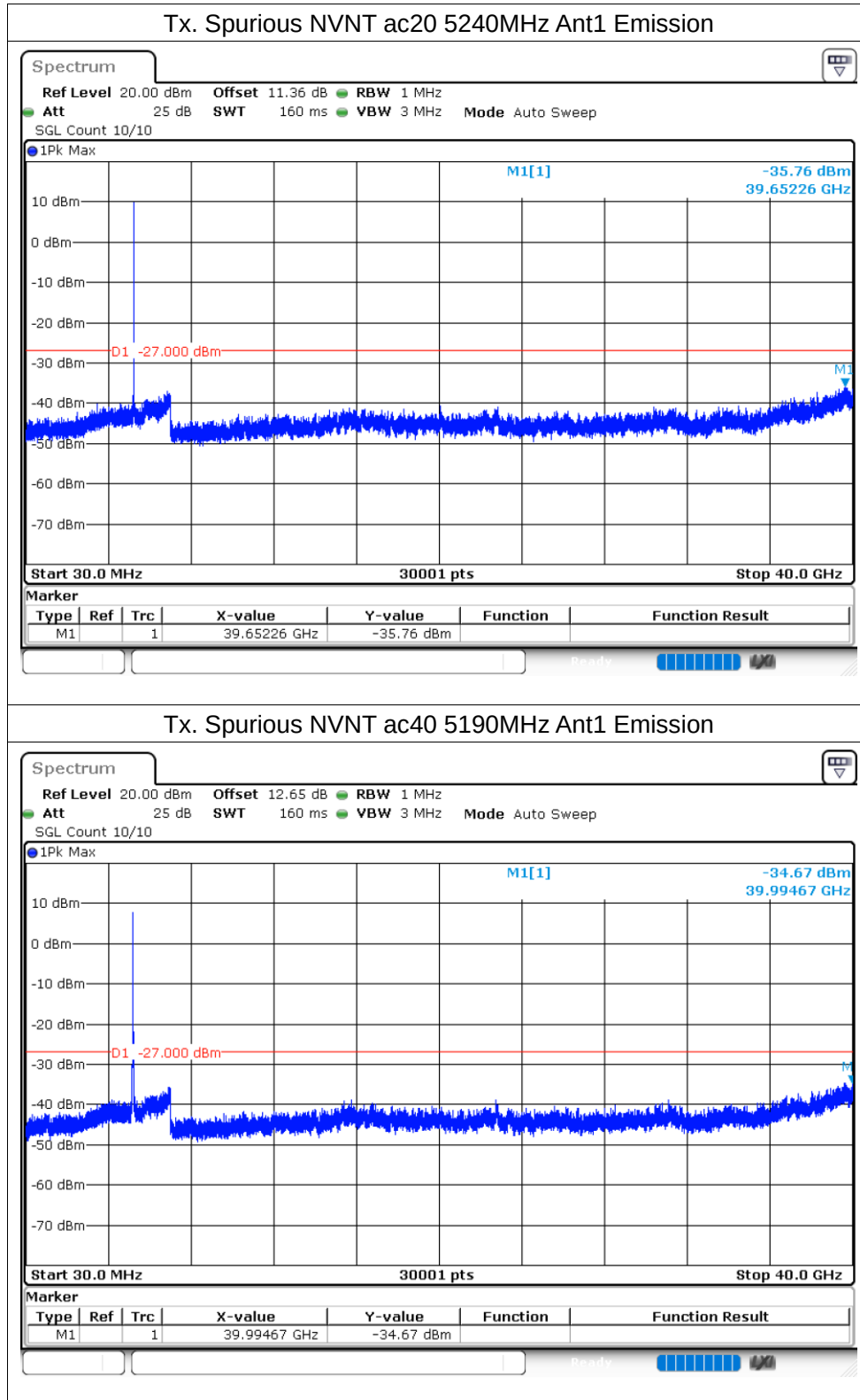
Tx. Spurious NVNT n40 5190MHz Ant1 Emission

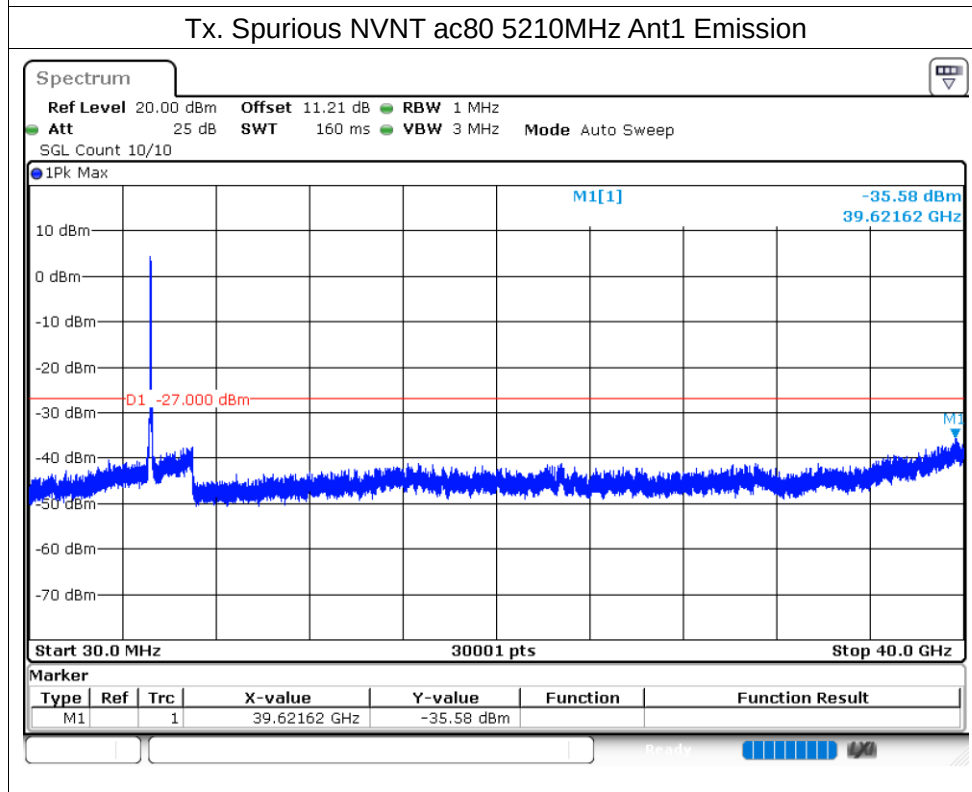
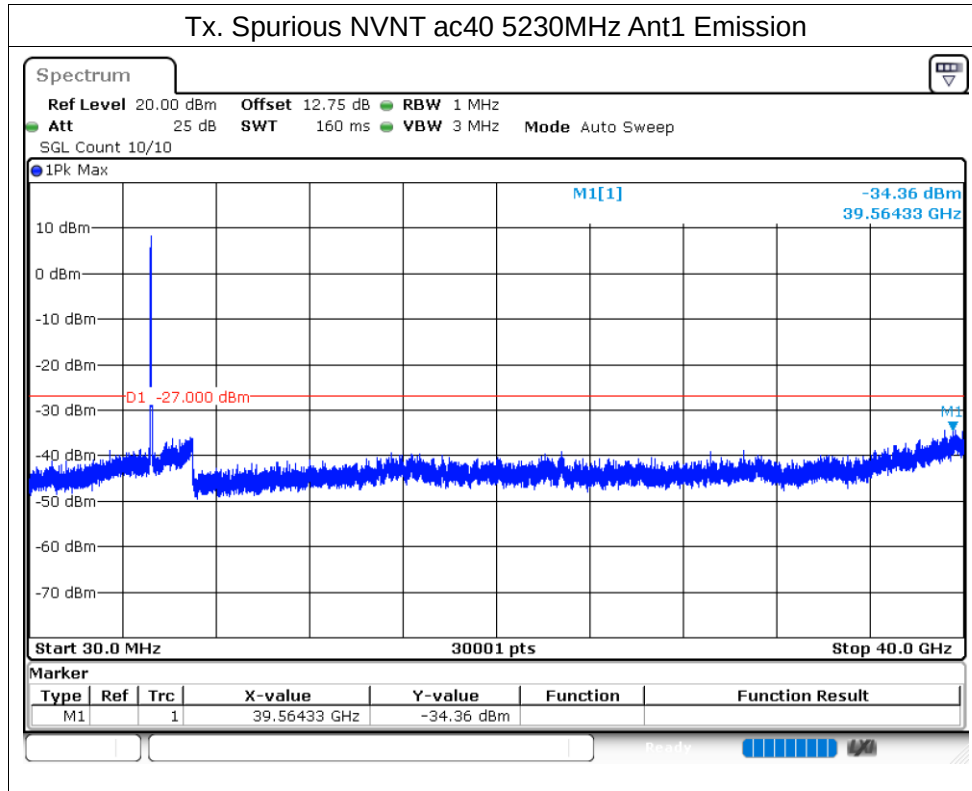


Tx. Spurious NVNT n40 5230MHz Ant1 Emission









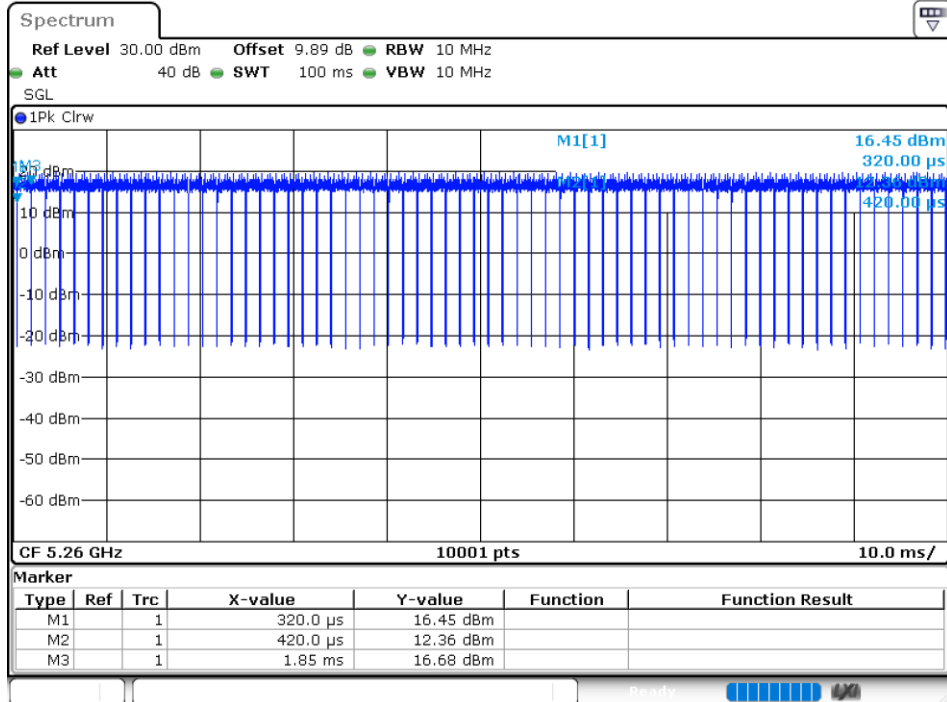
5.3G WIFI

Duty Cycle

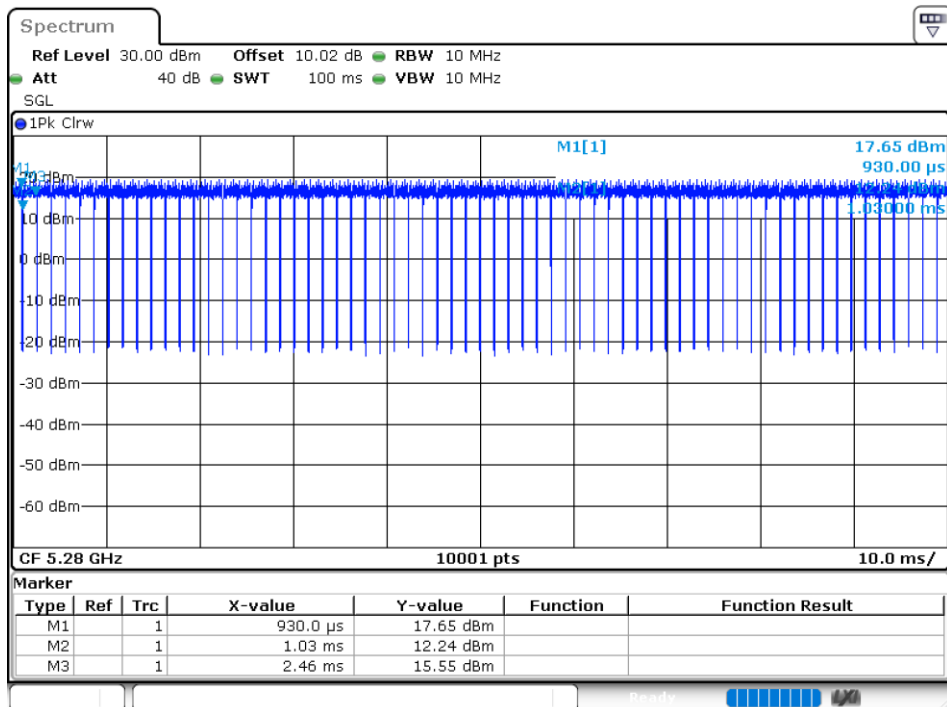
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	93.95	0.27	0.7
NVNT	a	5280	Ant1	94.03	0.27	0.7
NVNT	a	5320	Ant1	94	0.27	0.7
NVNT	n20	5260	Ant1	66.03	1.8	5.88
NVNT	n20	5280	Ant1	66.05	1.8	5.88
NVNT	n20	5320	Ant1	66.05	1.8	5.88
NVNT	n40	5270	Ant1	88.03	0.55	1.52
NVNT	n40	5310	Ant1	88.02	0.55	1.52
NVNT	ac20	5260	Ant1	63.88	1.95	6.67
NVNT	ac20	5280	Ant1	63.81	1.95	6.67
NVNT	ac20	5320	Ant1	63.92	1.94	6.25
NVNT	ac40	5270	Ant1	88.14	0.55	1.49
NVNT	ac40	5310	Ant1	88.14	0.55	1.49
NVNT	ac80	5290	Ant1	78.95	1.03	2.94

Test Graphs

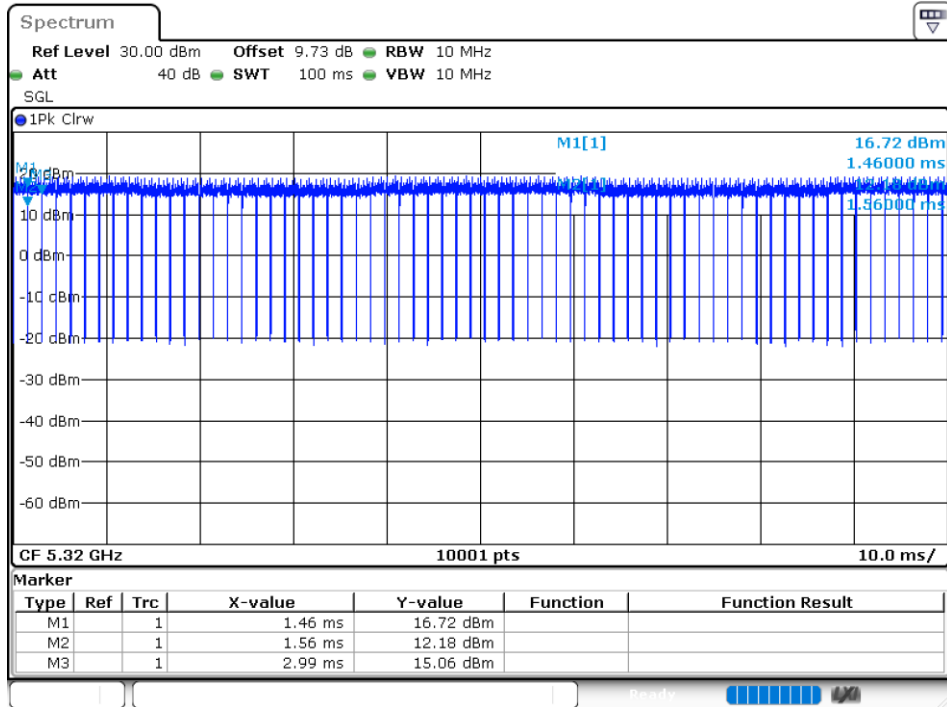
Duty Cycle NVNT a 5260MHz Ant1



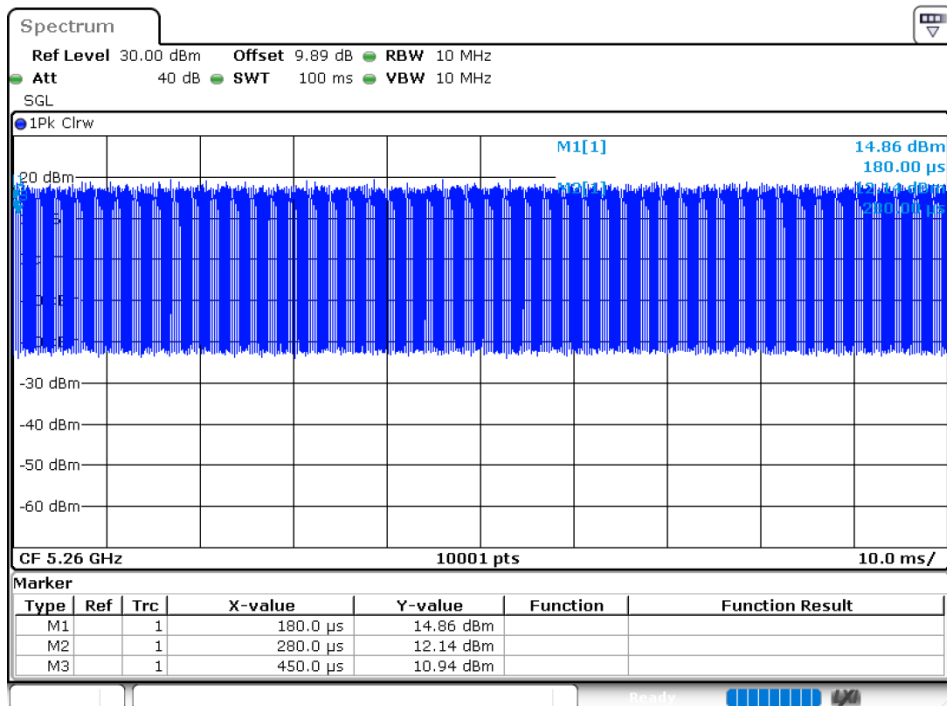
Duty Cycle NVNT a 5280MHz Ant1



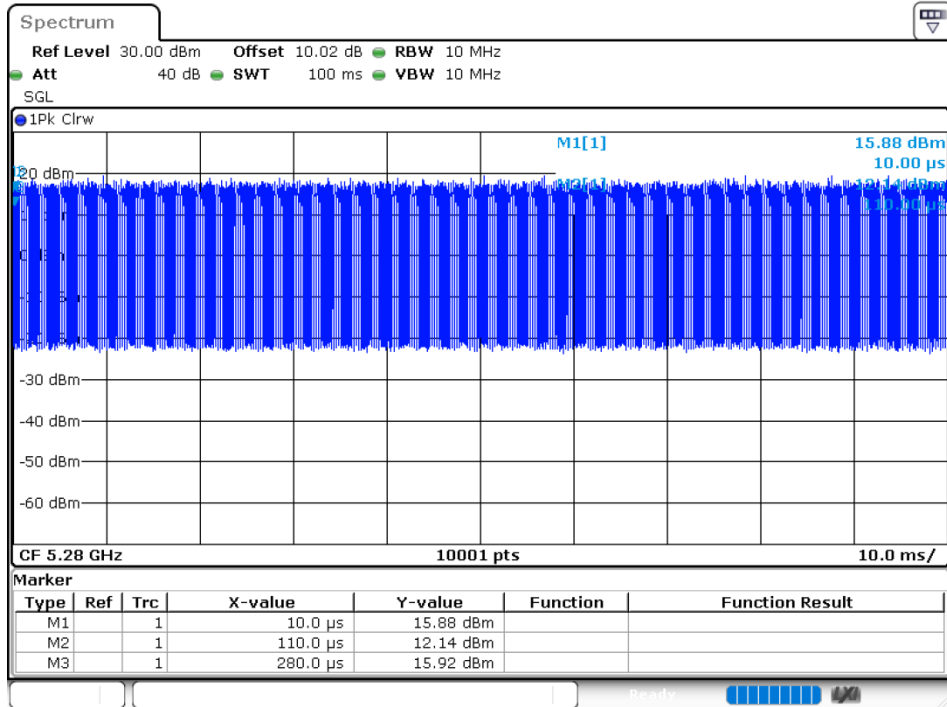
Duty Cycle NVNT a 5320MHz Ant1



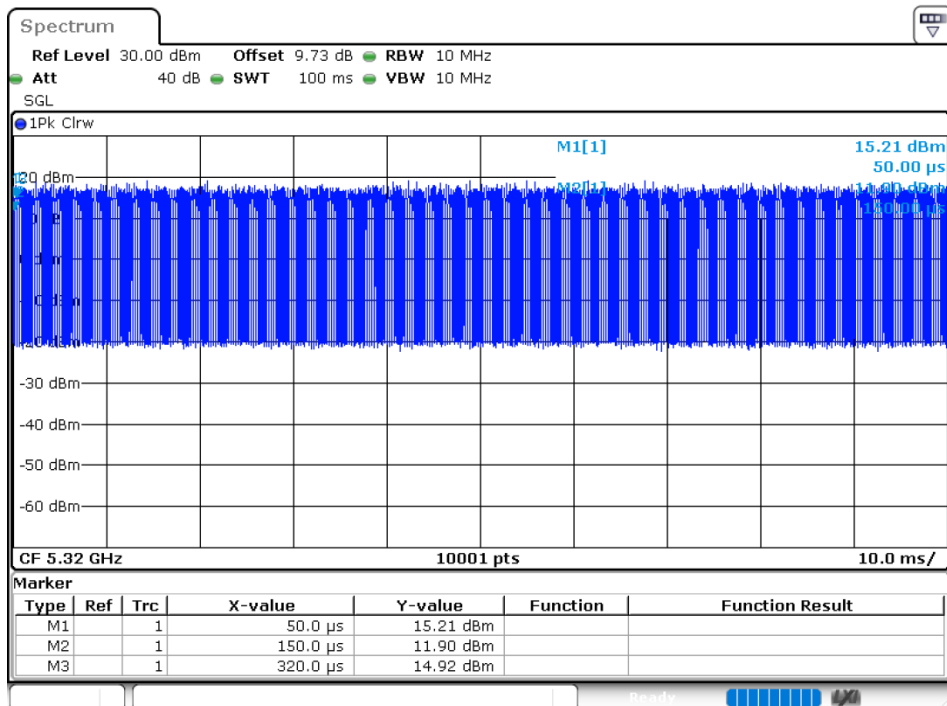
Duty Cycle NVNT n20 5260MHz Ant1



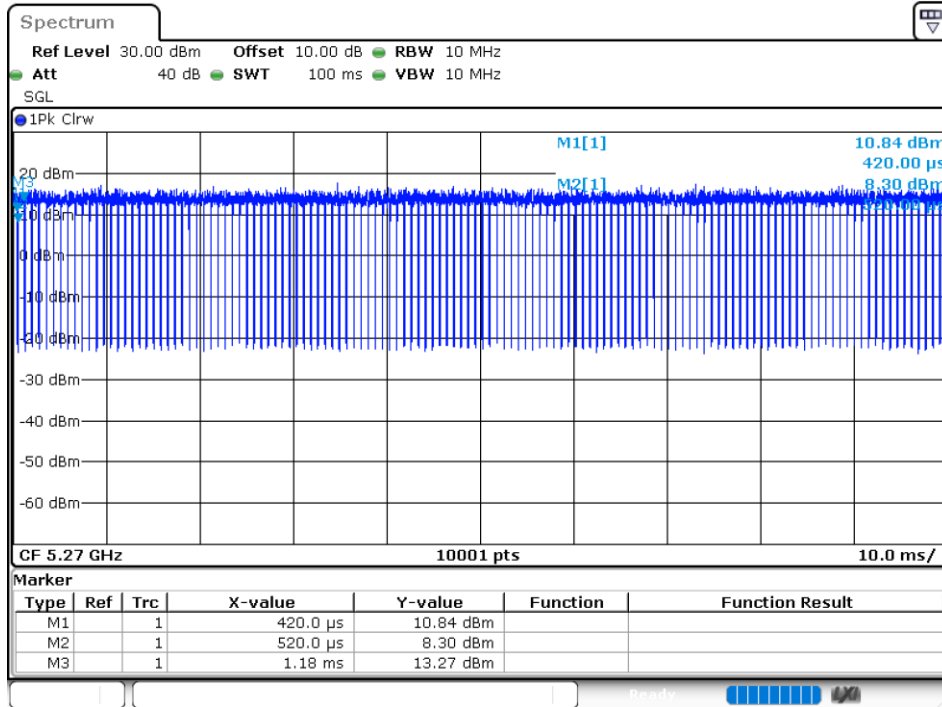
Duty Cycle NVNT n20 5280MHz Ant1



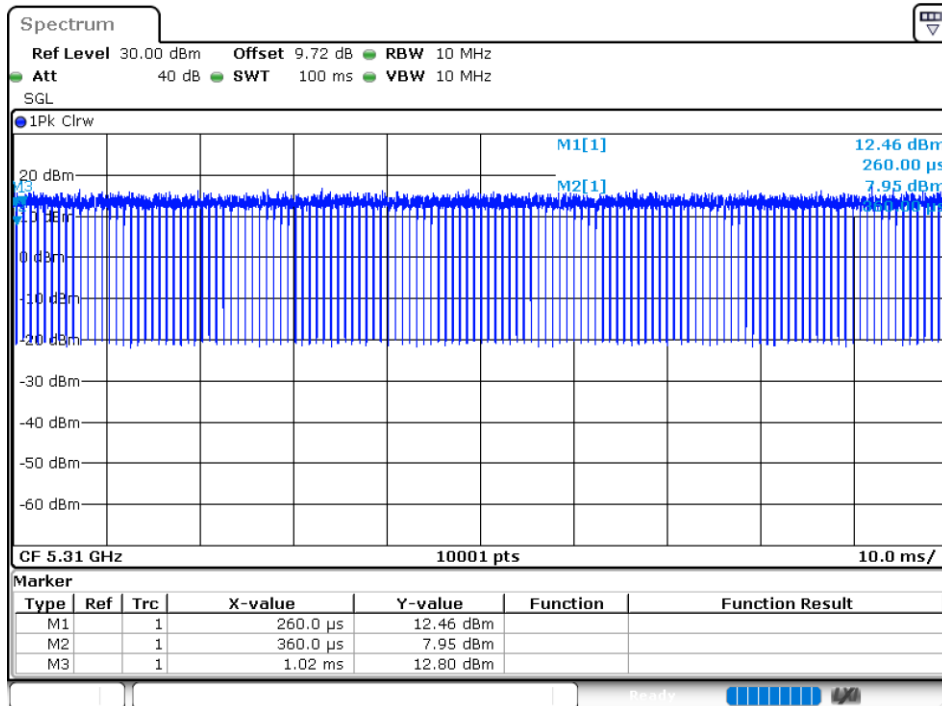
Duty Cycle NVNT n20 5320MHz Ant1



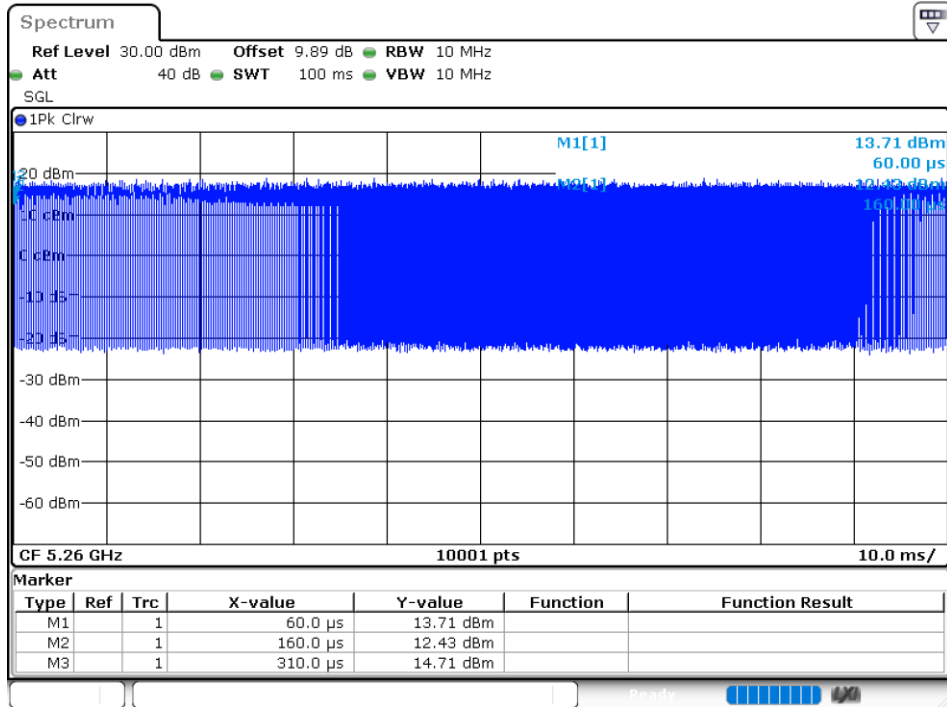
Duty Cycle NVNT n40 5270MHz Ant1



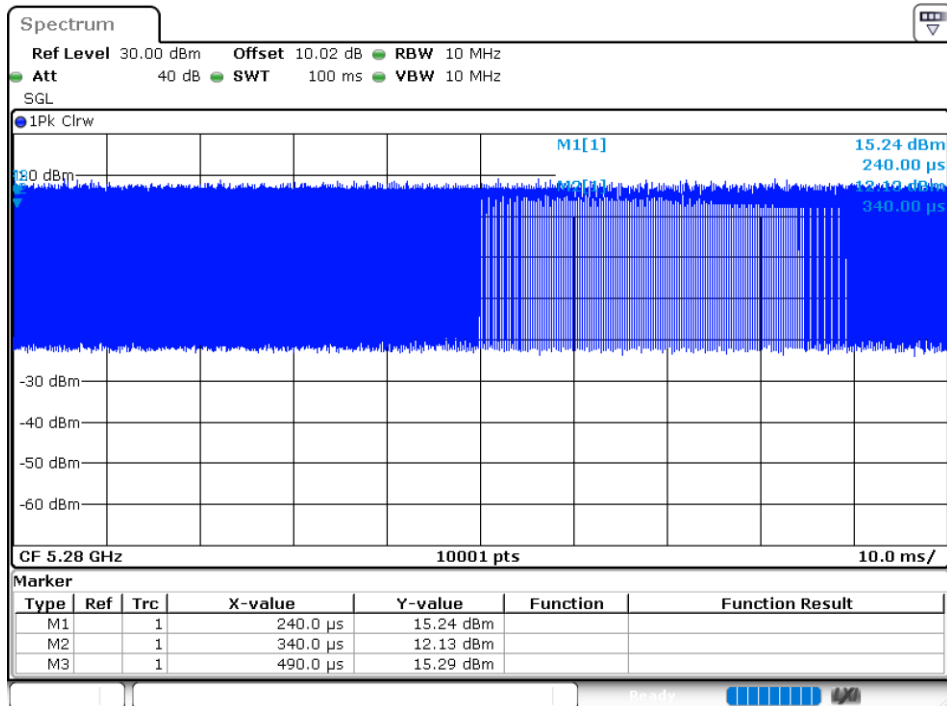
Duty Cycle NVNT n40 5310MHz Ant1



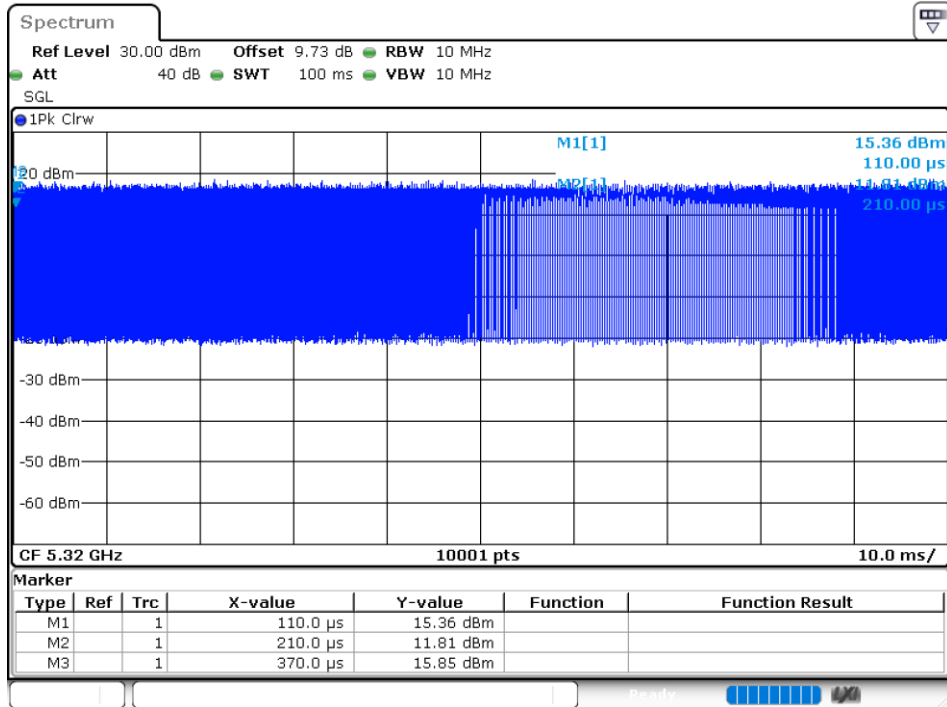
Duty Cycle NVNT ac20 5260MHz Ant1



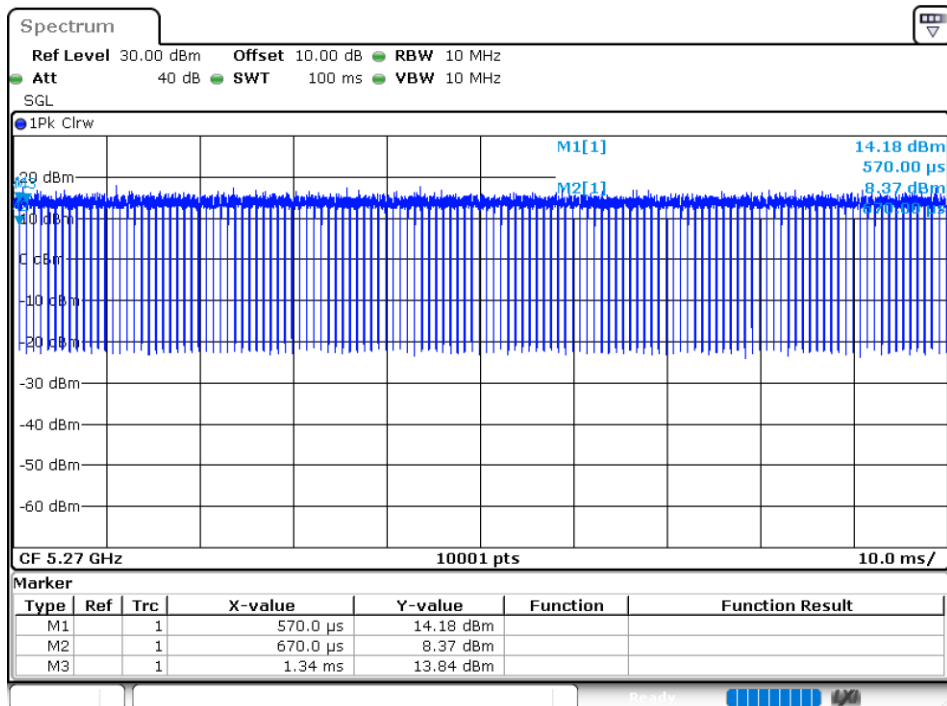
Duty Cycle NVNT ac20 5280MHz Ant1



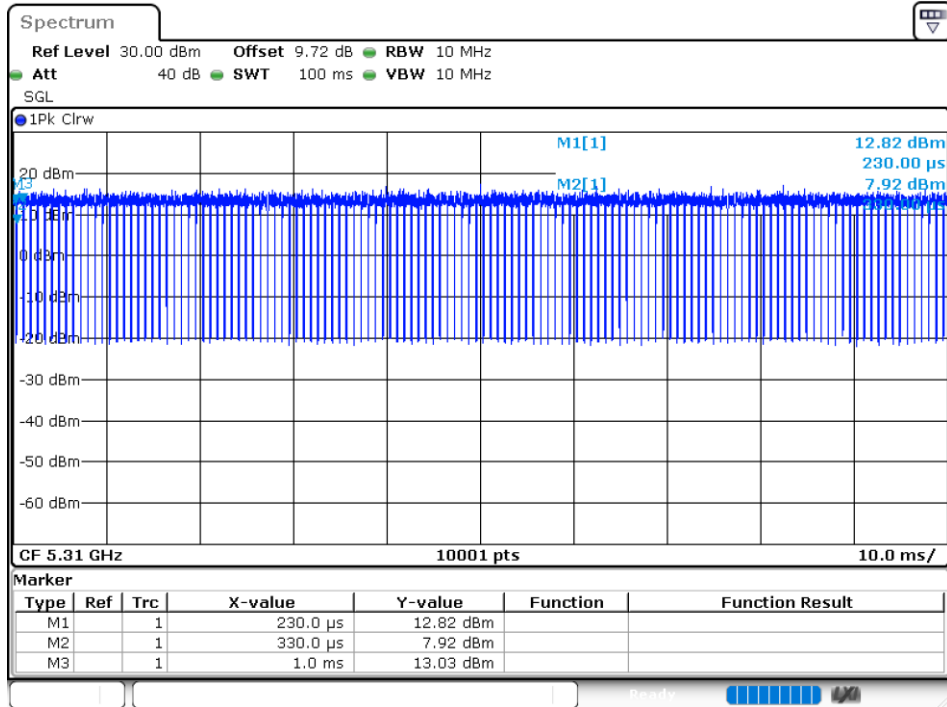
Duty Cycle NVNT ac20 5320MHz Ant1



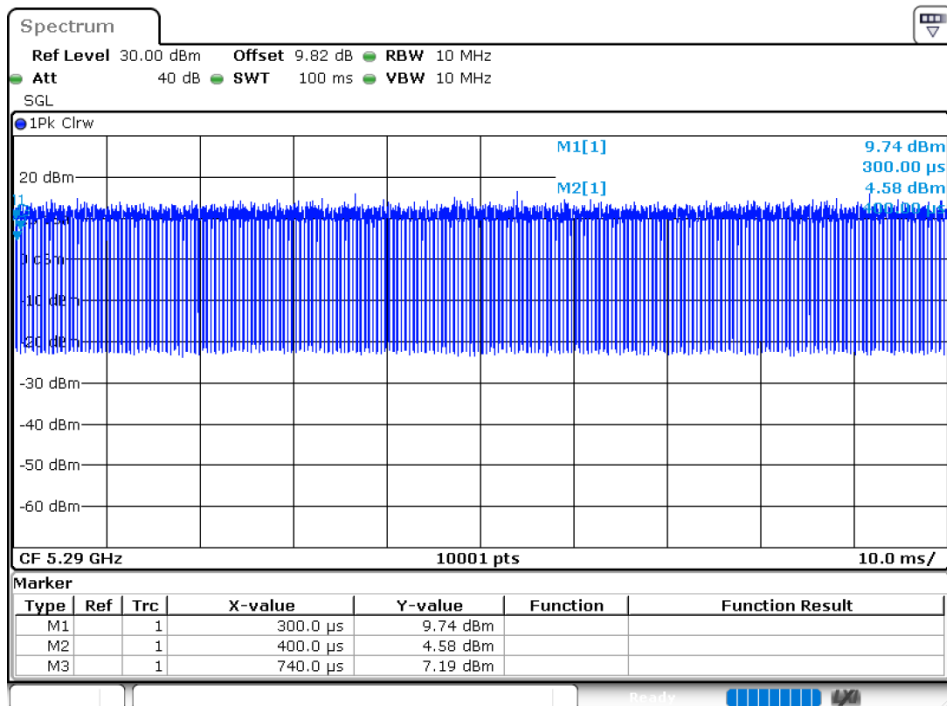
Duty Cycle NVNT ac40 5270MHz Ant1



Duty Cycle NVNT ac40 5310MHz Ant1



Duty Cycle NVNT ac80 5290MHz Ant1



Maximum Conducted Output Power

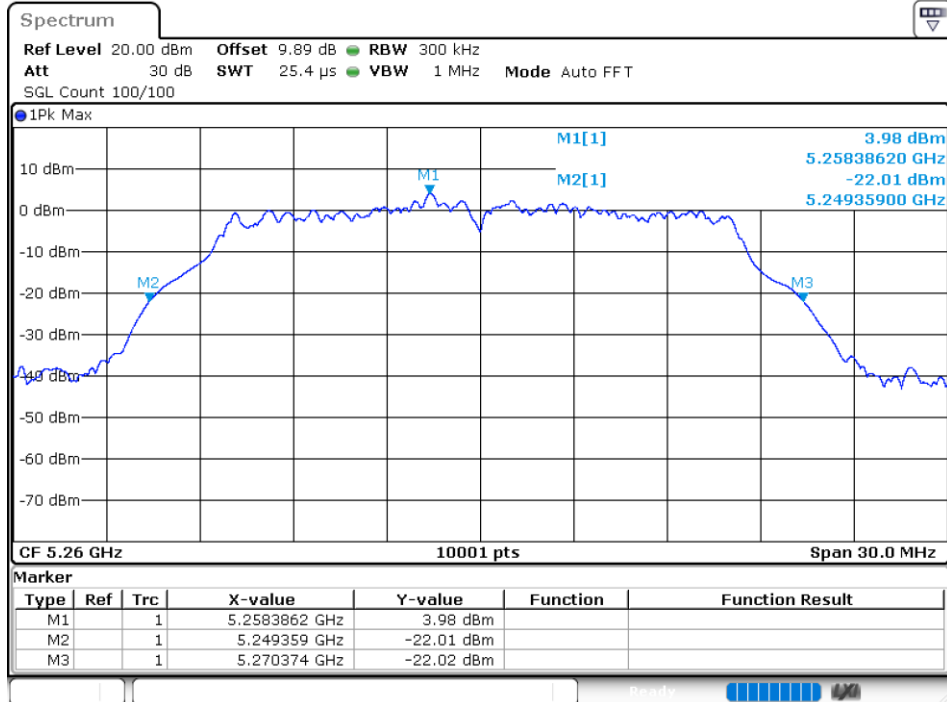
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	10.87	0.27	11.14	24	Pass
NVNT	a	5280	Ant1	10.06	0.27	10.33	24	Pass
NVNT	a	5320	Ant1	10.94	0.27	11.21	24	Pass
NVNT	n20	5260	Ant1	10.51	1.8	12.31	24	Pass
NVNT	n20	5280	Ant1	9.86	1.8	11.66	24	Pass
NVNT	n20	5320	Ant1	10.81	1.8	12.61	24	Pass
NVNT	n40	5270	Ant1	10.36	0.55	10.91	24	Pass
NVNT	n40	5310	Ant1	11.44	0.55	11.99	24	Pass
NVNT	ac20	5260	Ant1	10.54	1.95	12.49	24	Pass
NVNT	ac20	5280	Ant1	9.84	1.95	11.79	24	Pass
NVNT	ac20	5320	Ant1	10.73	1.94	12.67	24	Pass
NVNT	ac40	5270	Ant1	10.37	0.55	10.92	24	Pass
NVNT	ac40	5310	Ant1	11.43	0.55	11.98	24	Pass
NVNT	ac80	5290	Ant1	10.82	1.03	11.85	24	Pass

-26dB Bandwidth

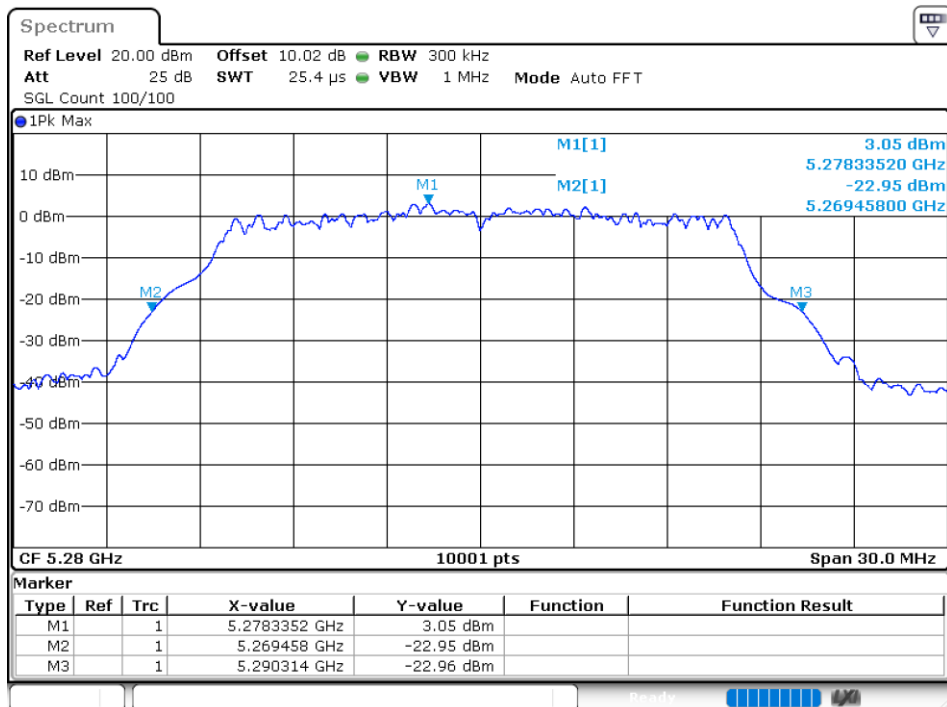
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5260	Ant1	21.015
NVNT	a	5280	Ant1	20.856
NVNT	a	5320	Ant1	21.477
NVNT	n20	5260	Ant1	21.444
NVNT	n20	5280	Ant1	20.967
NVNT	n20	5320	Ant1	21.177
NVNT	n40	5270	Ant1	40.038
NVNT	n40	5310	Ant1	39.936
NVNT	ac20	5260	Ant1	20.931
NVNT	ac20	5280	Ant1	20.889
NVNT	ac20	5320	Ant1	21.174
NVNT	ac40	5270	Ant1	40.002
NVNT	ac40	5310	Ant1	40.29
NVNT	ac80	5290	Ant1	81.408

Test Graphs

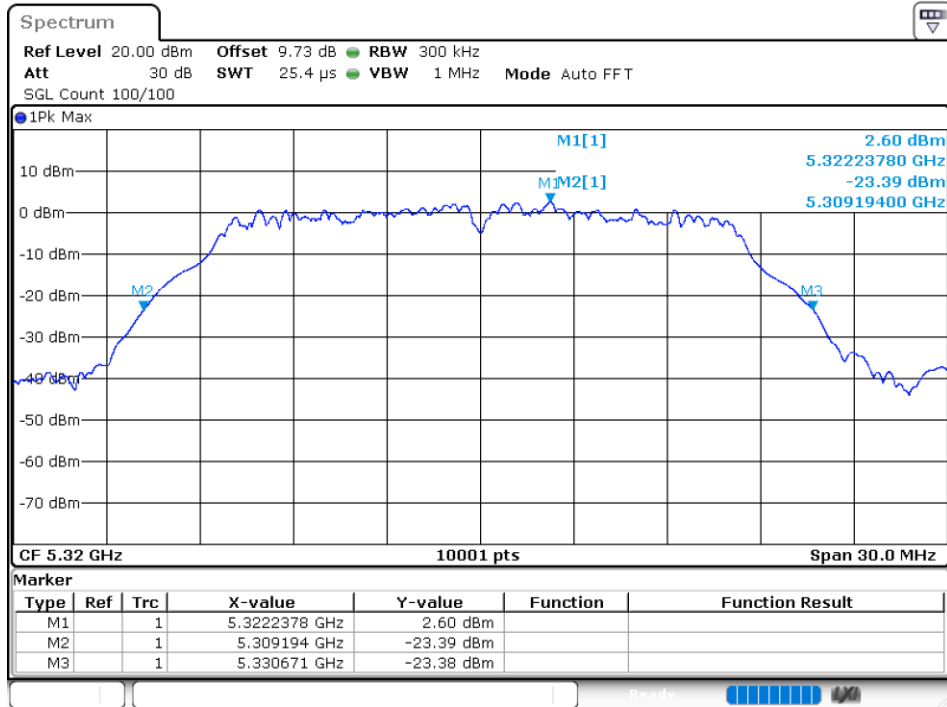
-26dB Bandwidth NVNT a 5260MHz Ant1



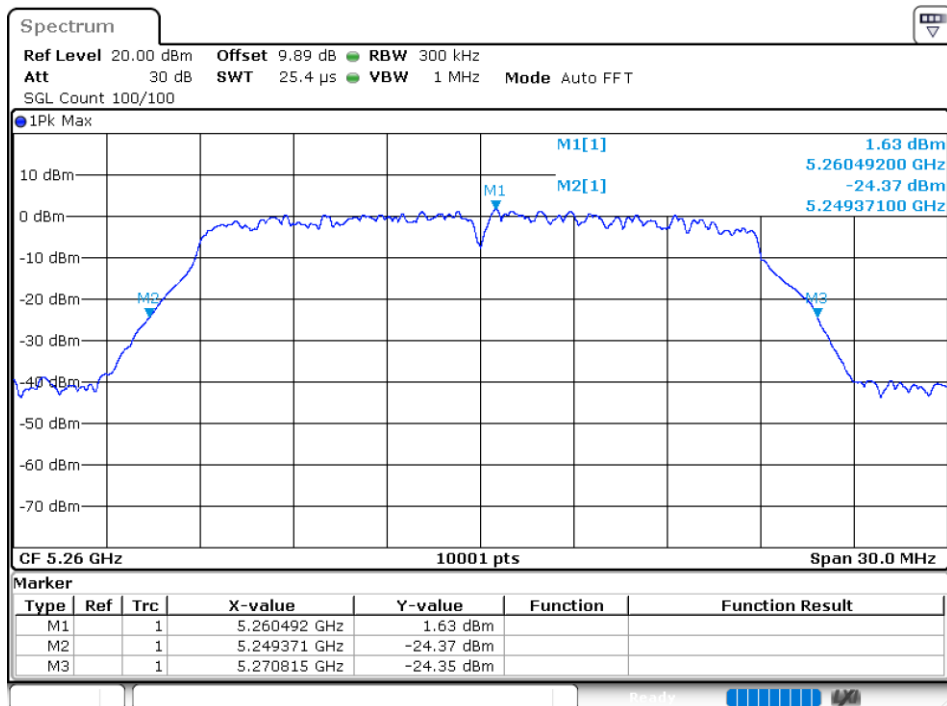
-26dB Bandwidth NVNT a 5280MHz Ant1



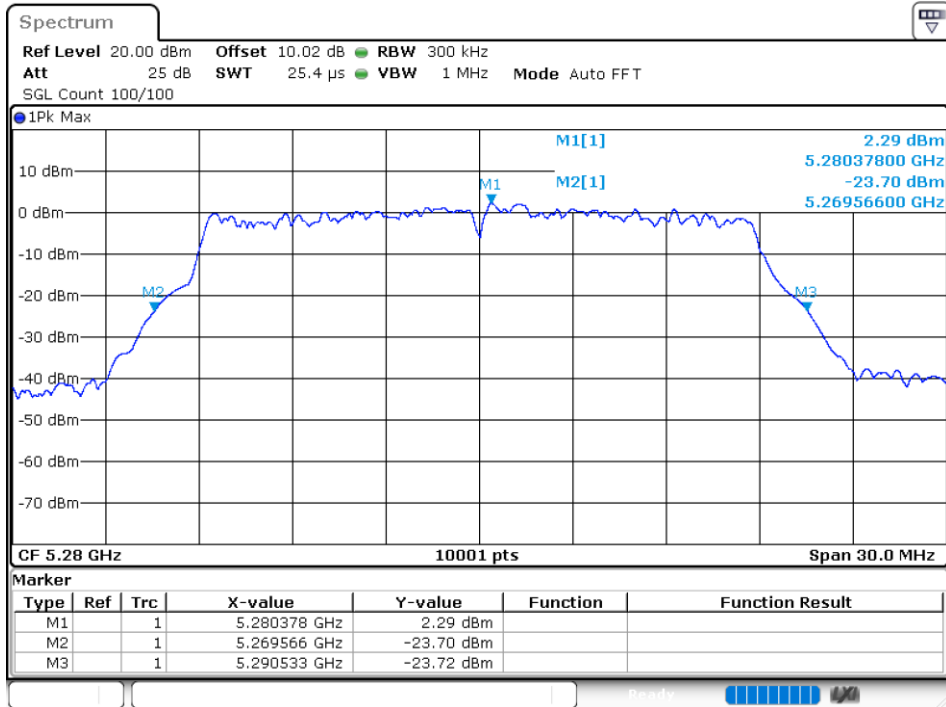
-26dB Bandwidth NVNT a 5320MHz Ant1



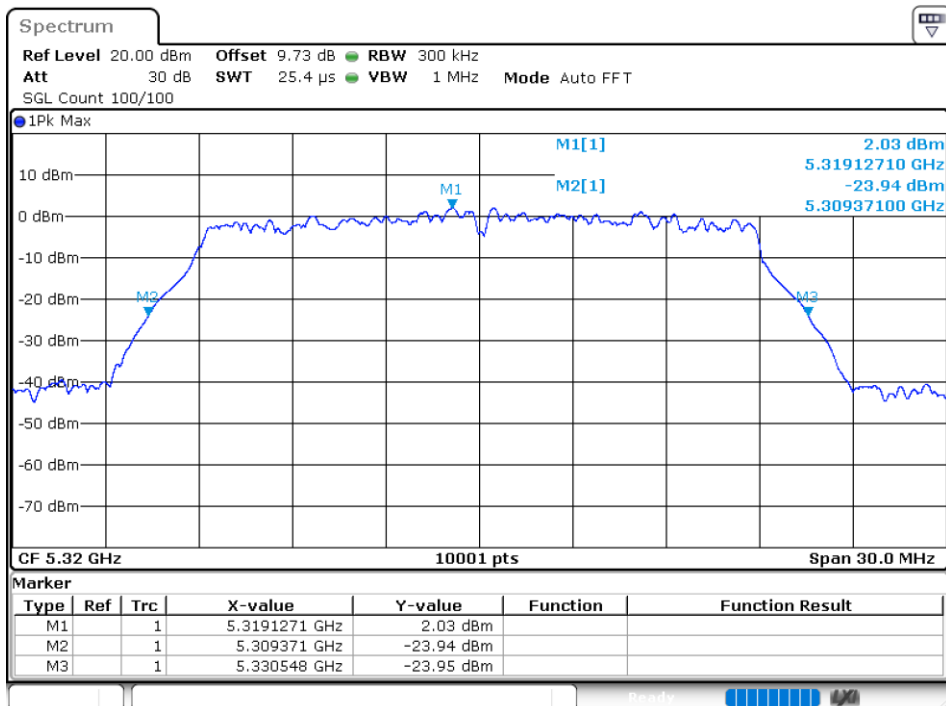
-26dB Bandwidth NVNT n20 5260MHz Ant1



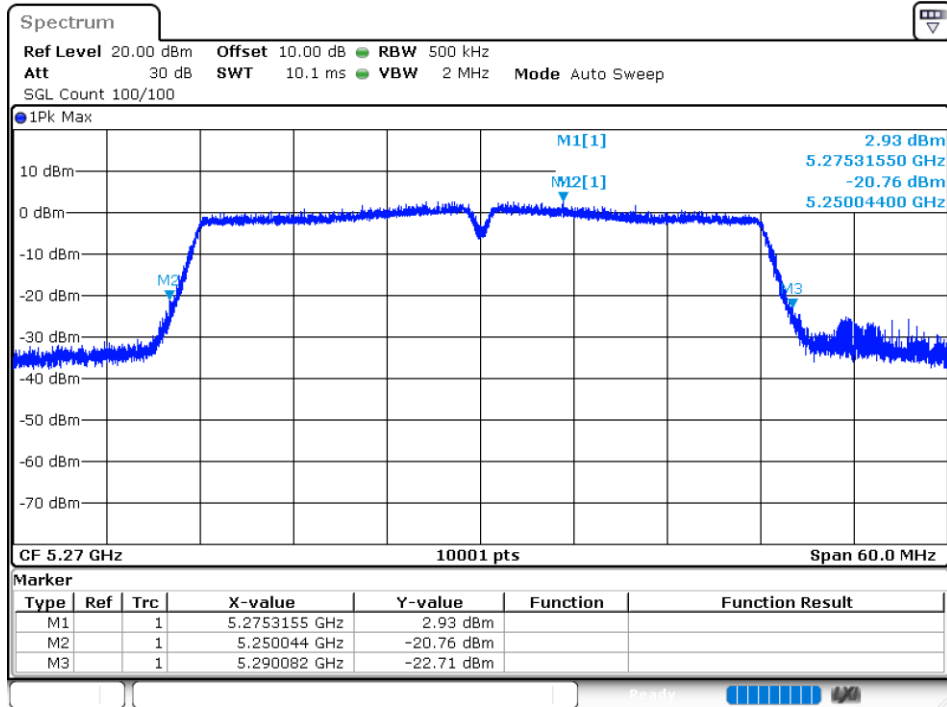
-26dB Bandwidth NVNT n20 5280MHz Ant1



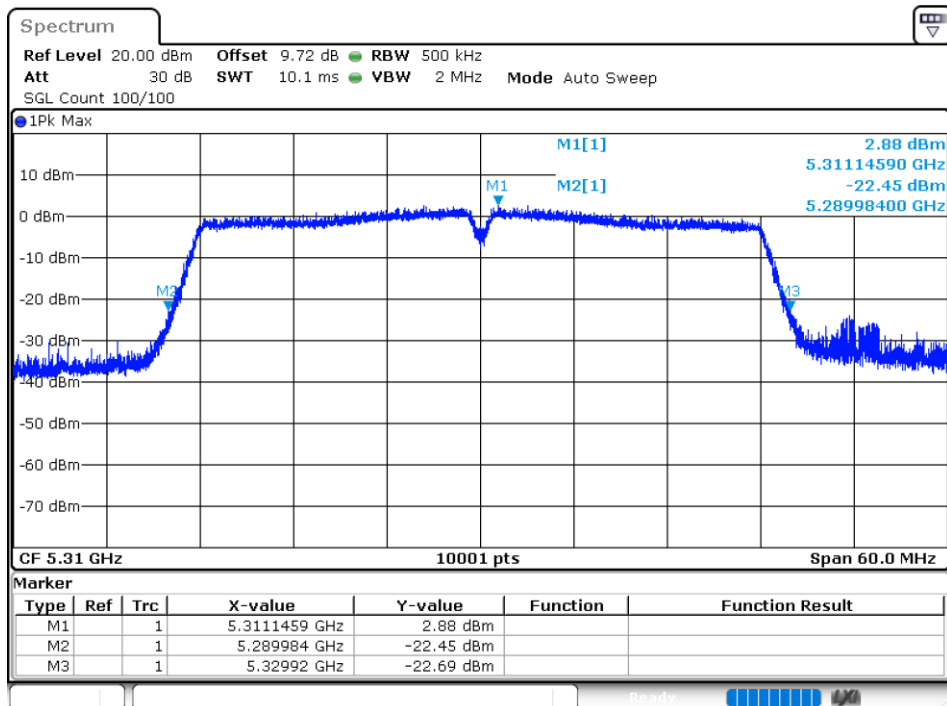
-26dB Bandwidth NVNT n20 5320MHz Ant1



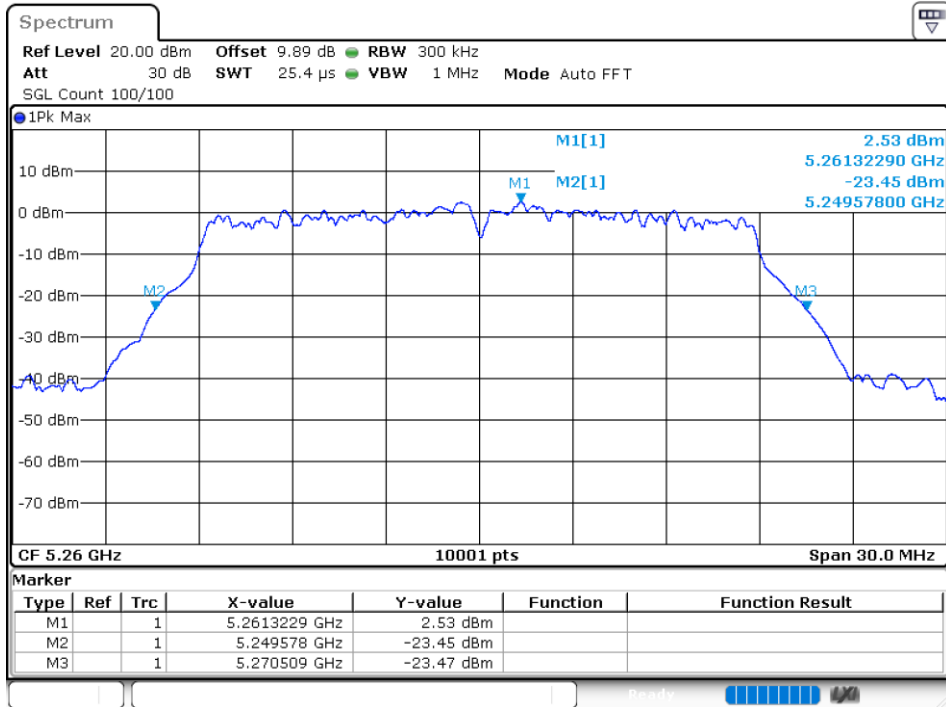
-26dB Bandwidth NVNT n40 5270MHz Ant1



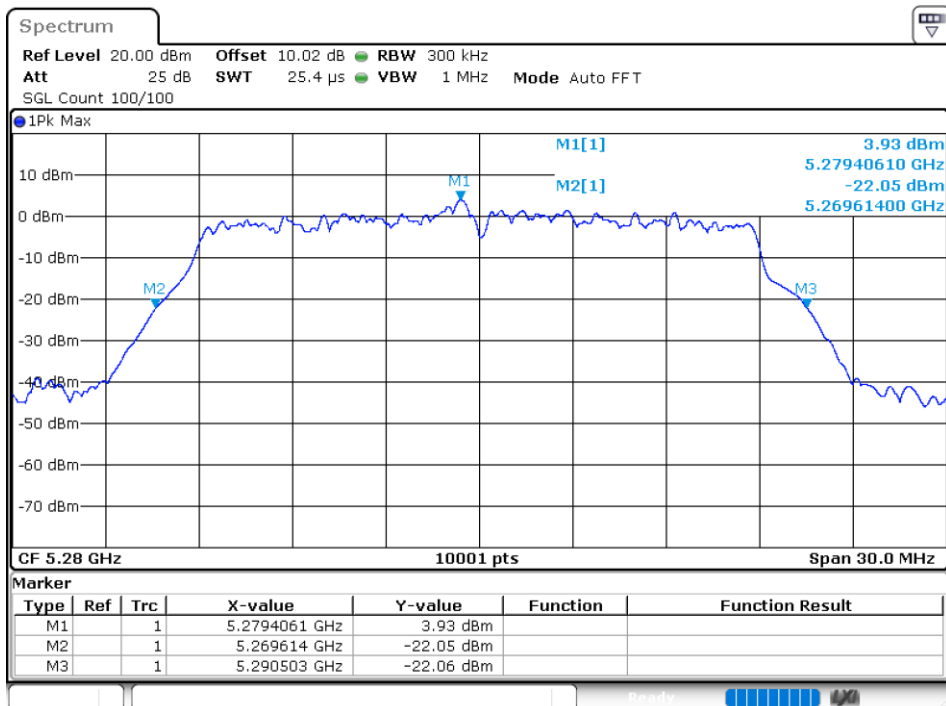
-26dB Bandwidth NVNT n40 5310MHz Ant1



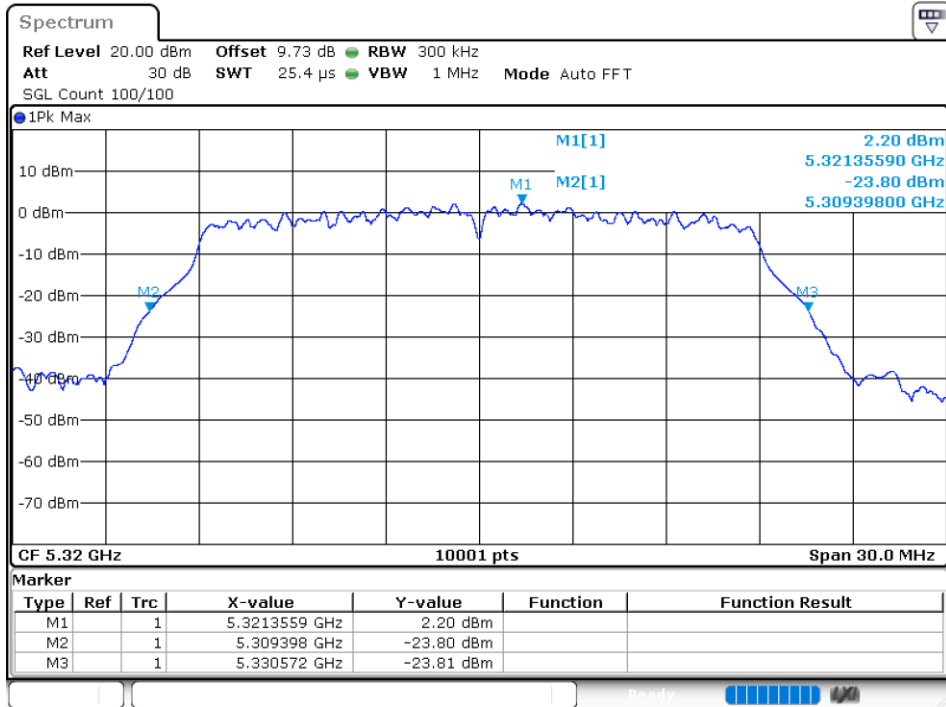
-26dB Bandwidth NVNT ac20 5260MHz Ant1



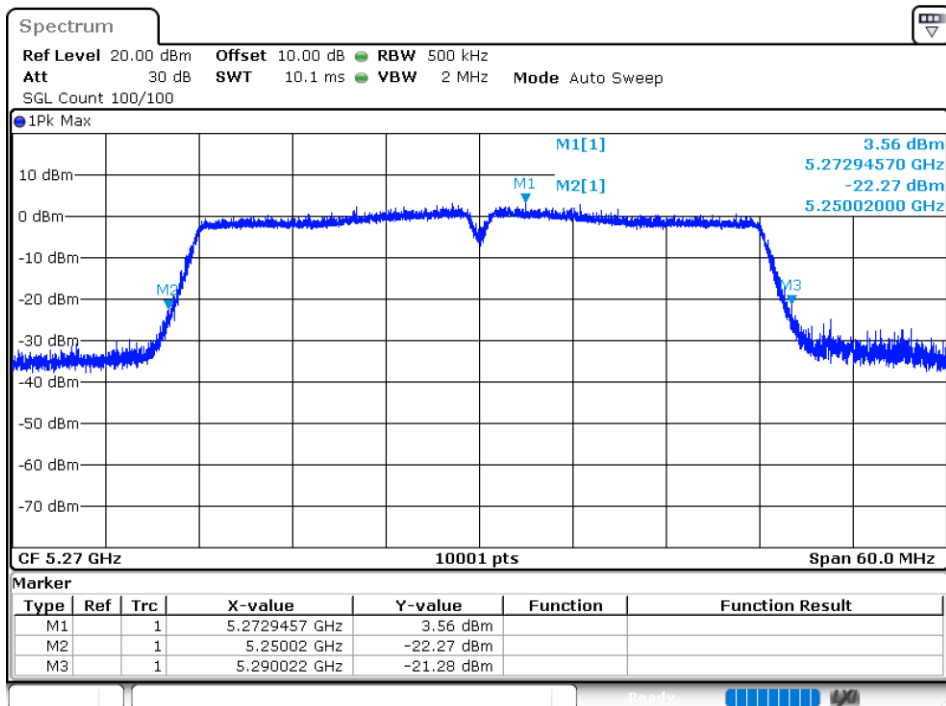
-26dB Bandwidth NVNT ac20 5280MHz Ant1



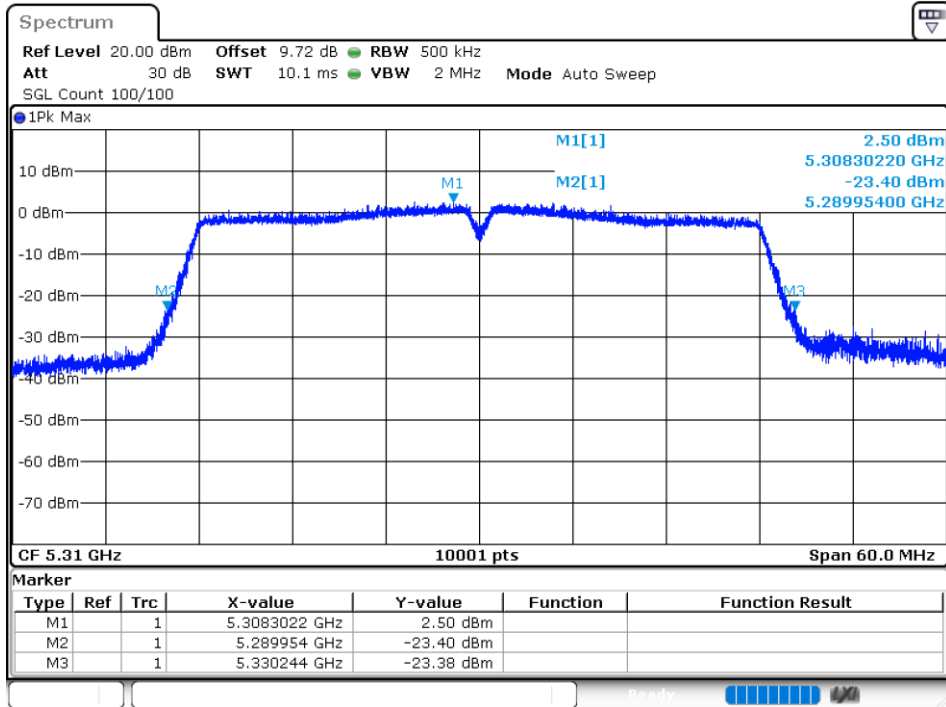
-26dB Bandwidth NVNT ac20 5320MHz Ant1



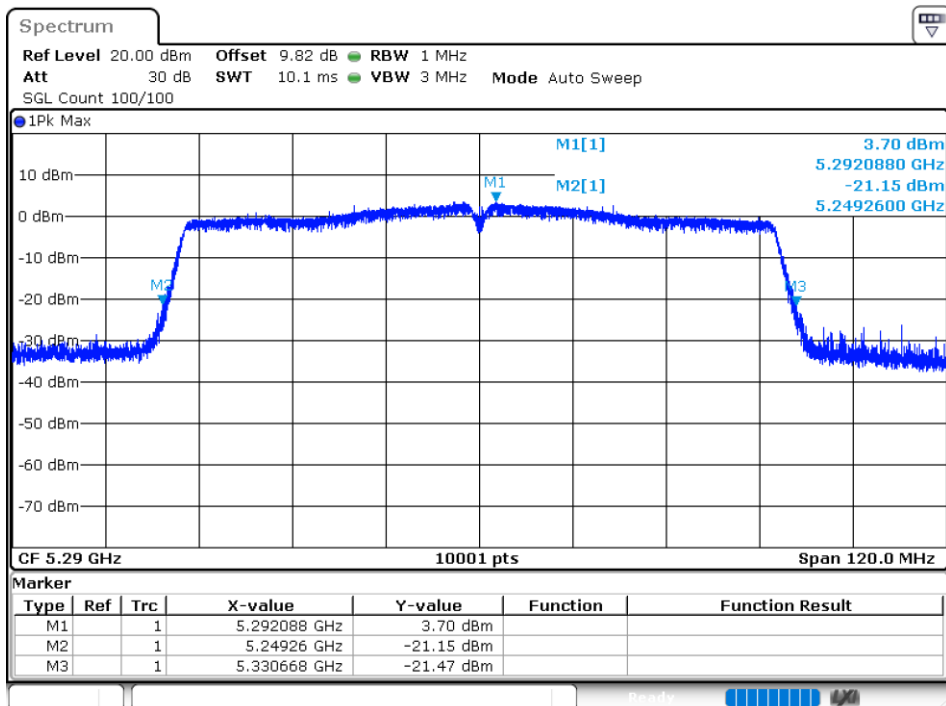
-26dB Bandwidth NVNT ac40 5270MHz Ant1



-26dB Bandwidth NVNT ac40 5310MHz Ant1



-26dB Bandwidth NVNT ac80 5290MHz Ant1

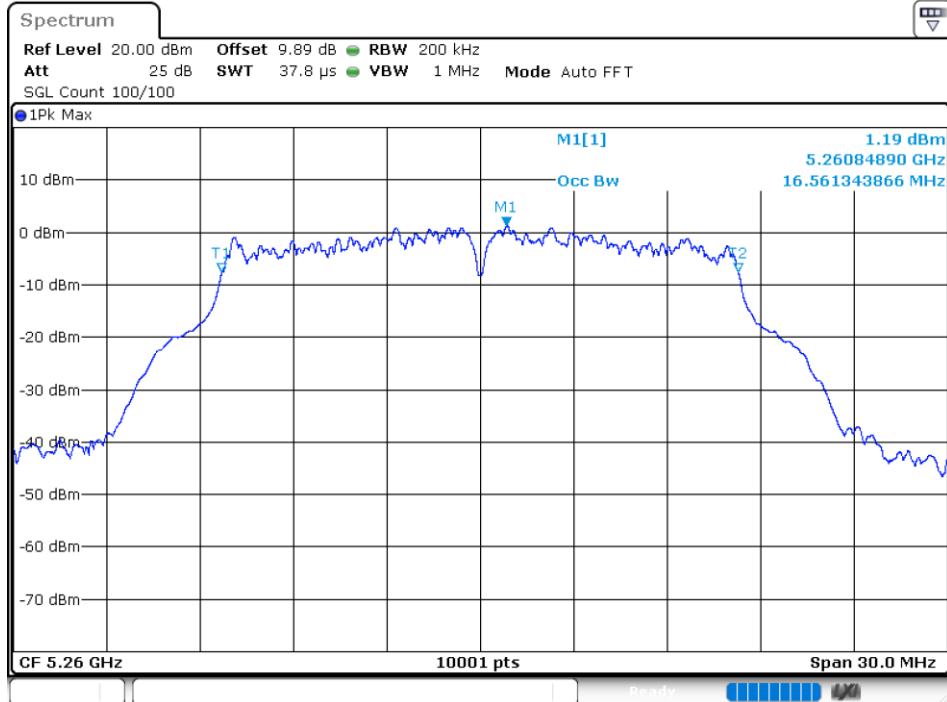


Occupied Channel Bandwidth

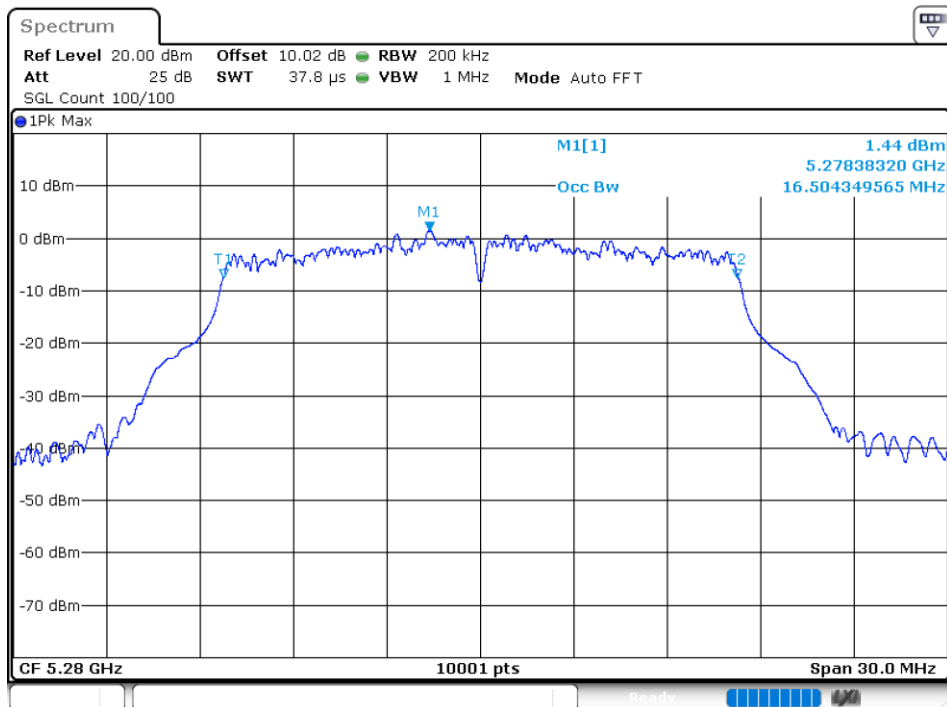
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.561
NVNT	a	5280	Ant1	16.504
NVNT	a	5320	Ant1	16.555
NVNT	n20	5260	Ant1	17.614
NVNT	n20	5280	Ant1	17.647
NVNT	n20	5320	Ant1	17.779
NVNT	n40	5270	Ant1	36.278
NVNT	n40	5310	Ant1	36.218
NVNT	ac20	5260	Ant1	17.677
NVNT	ac20	5280	Ant1	17.689
NVNT	ac20	5320	Ant1	17.629
NVNT	ac40	5270	Ant1	36.266
NVNT	ac40	5310	Ant1	36.23
NVNT	ac80	5290	Ant1	75.4

Test Graphs

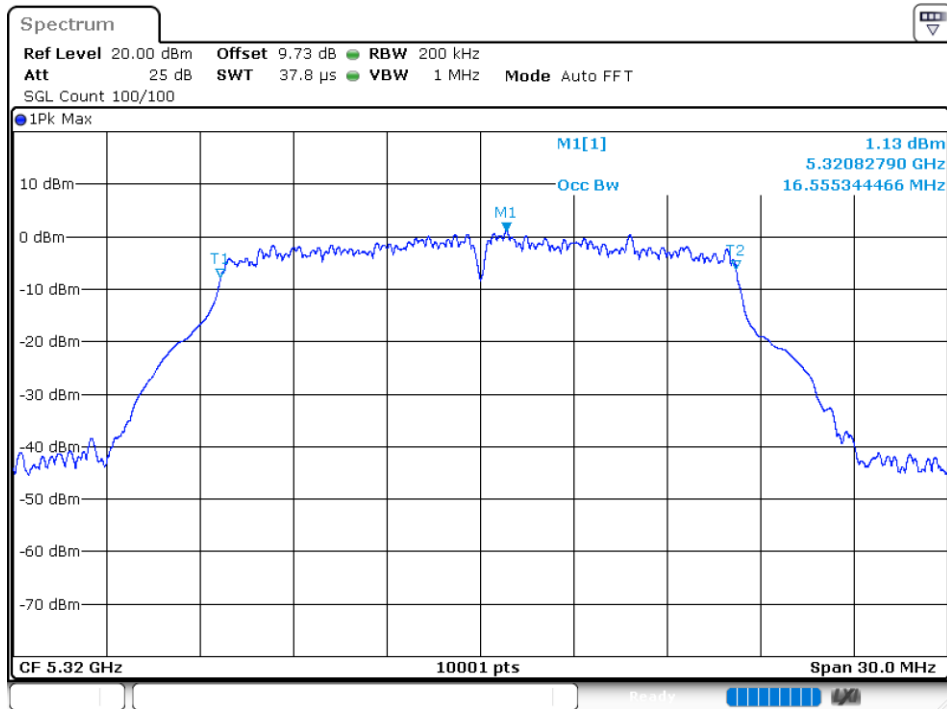
OBW NVNT a 5260MHz Ant1



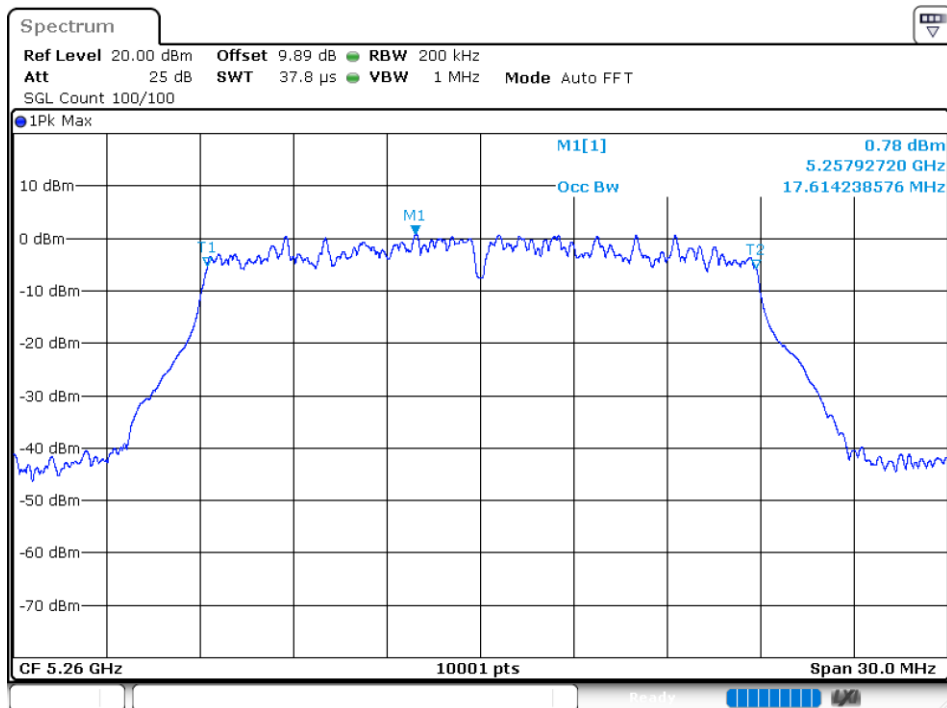
OBW NVNT a 5280MHz Ant1



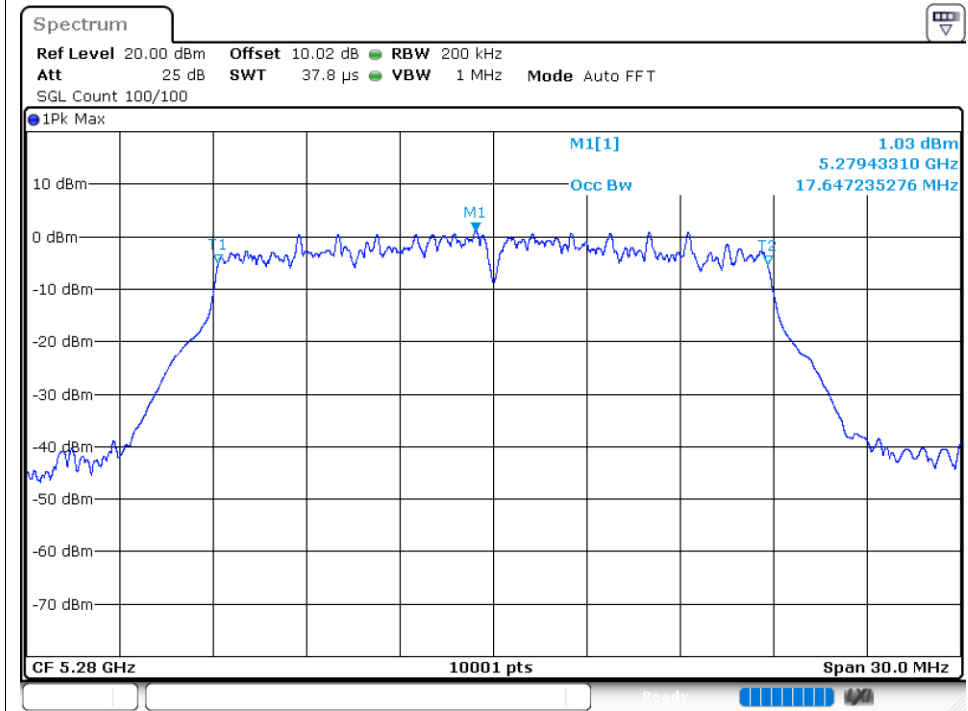
OBW NVNT a 5320MHz Ant1



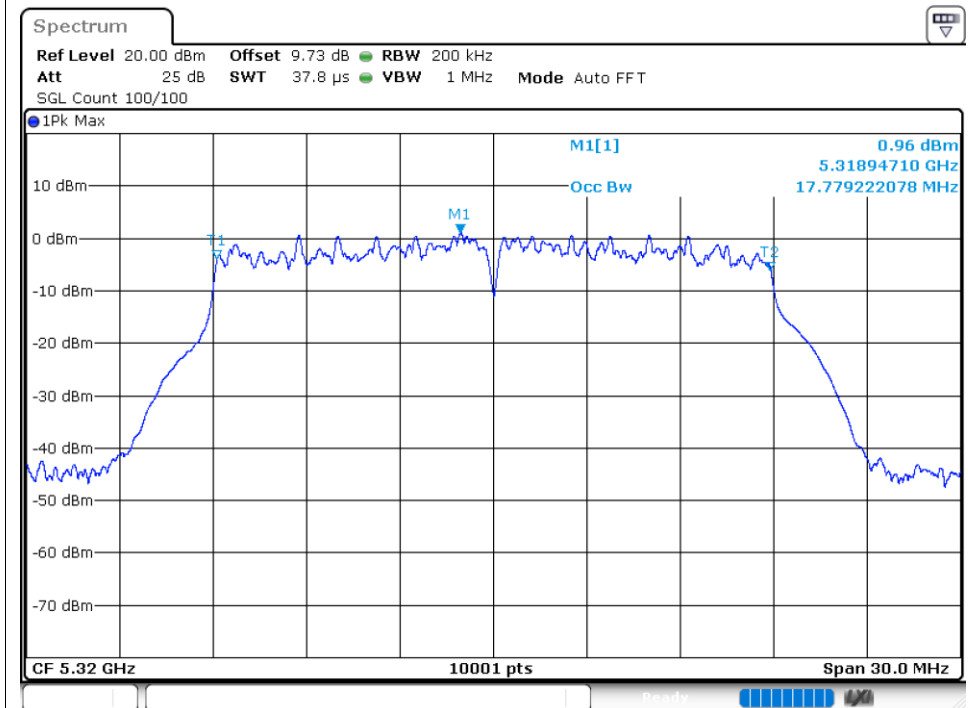
OBW NVNT n20 5260MHz Ant1

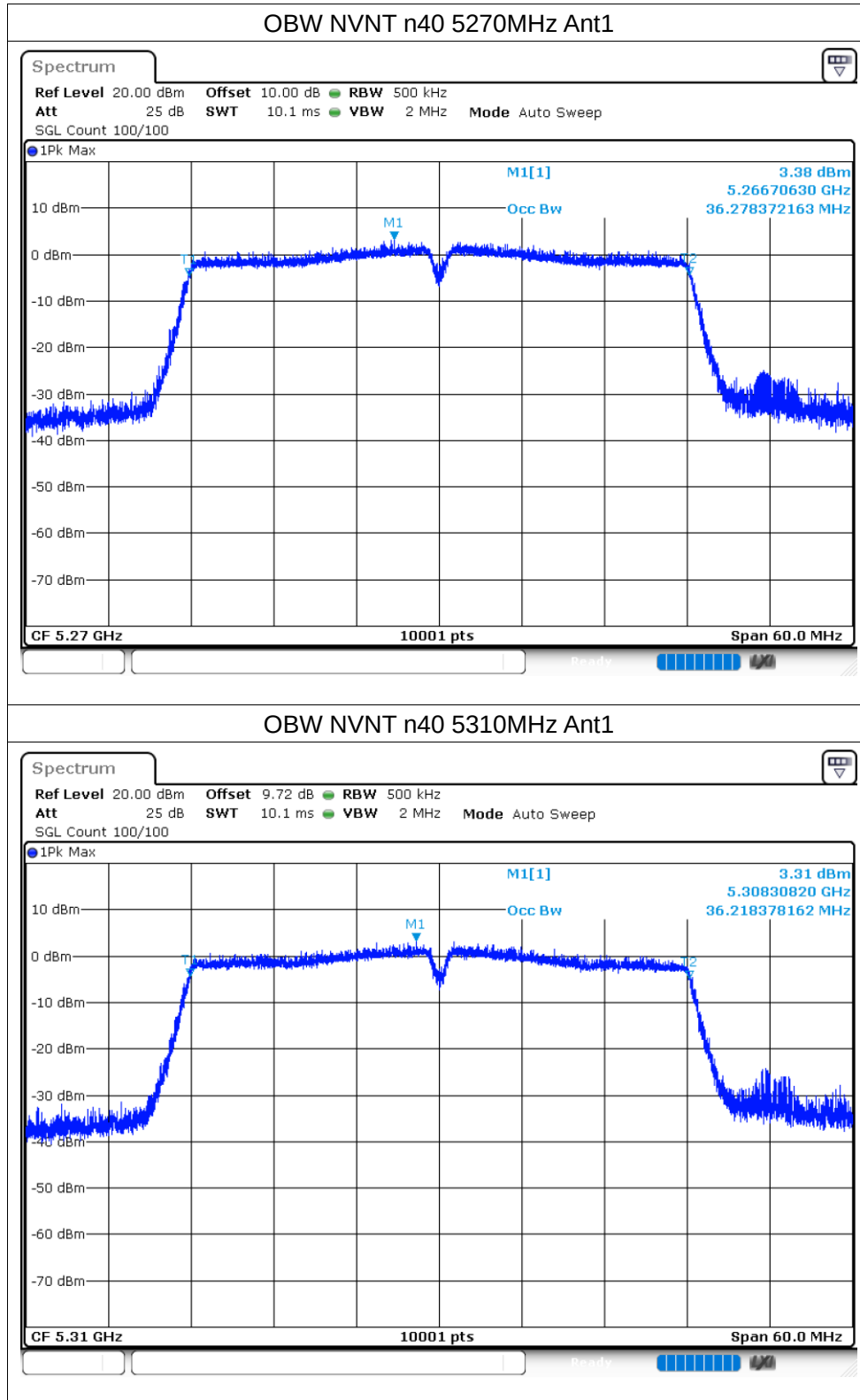


OBW NVNT n20 5280MHz Ant1

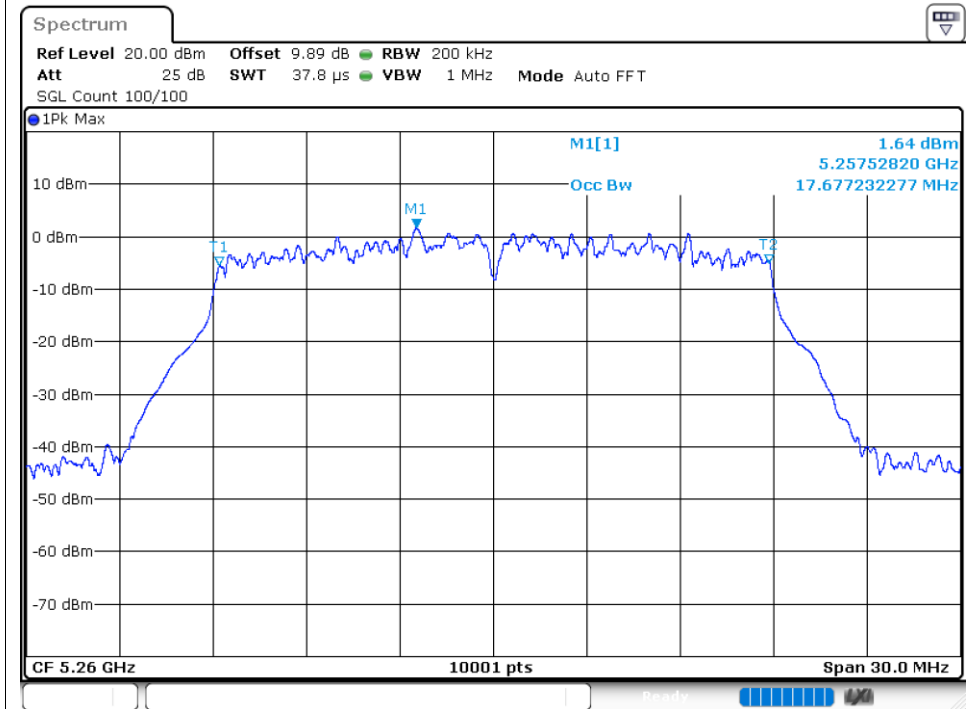


OBW NVNT n20 5320MHz Ant1

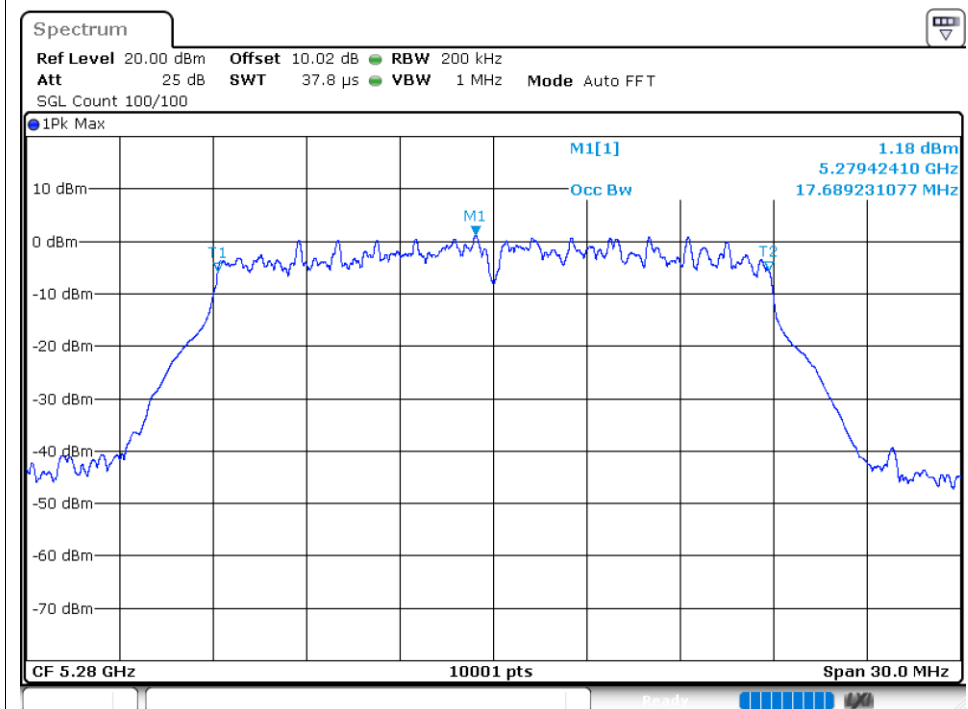




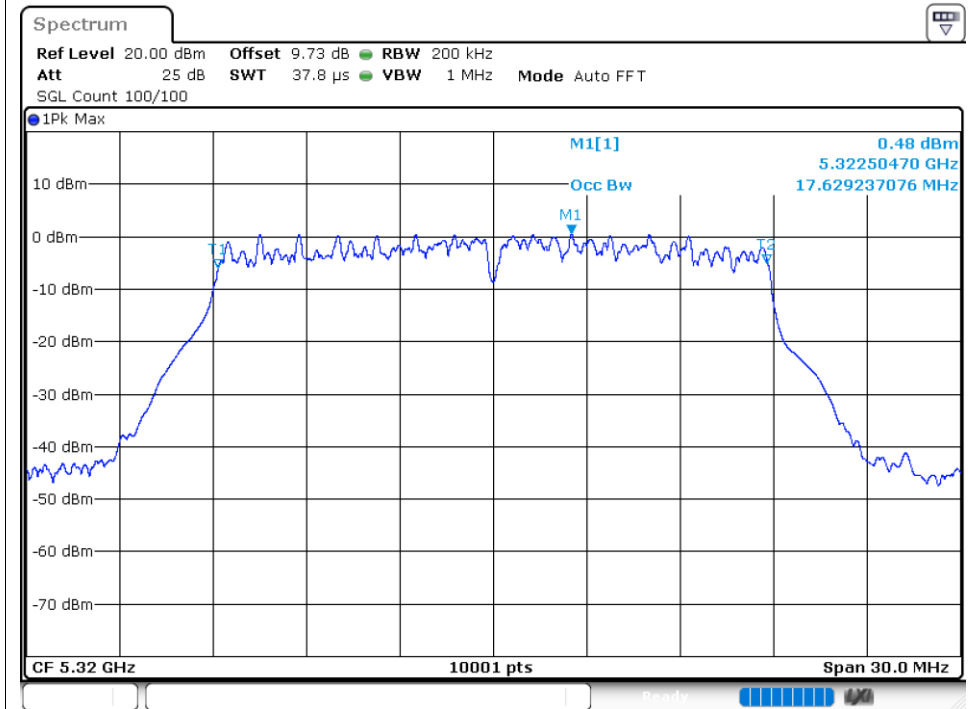
OBW NVNT ac20 5260MHz Ant1



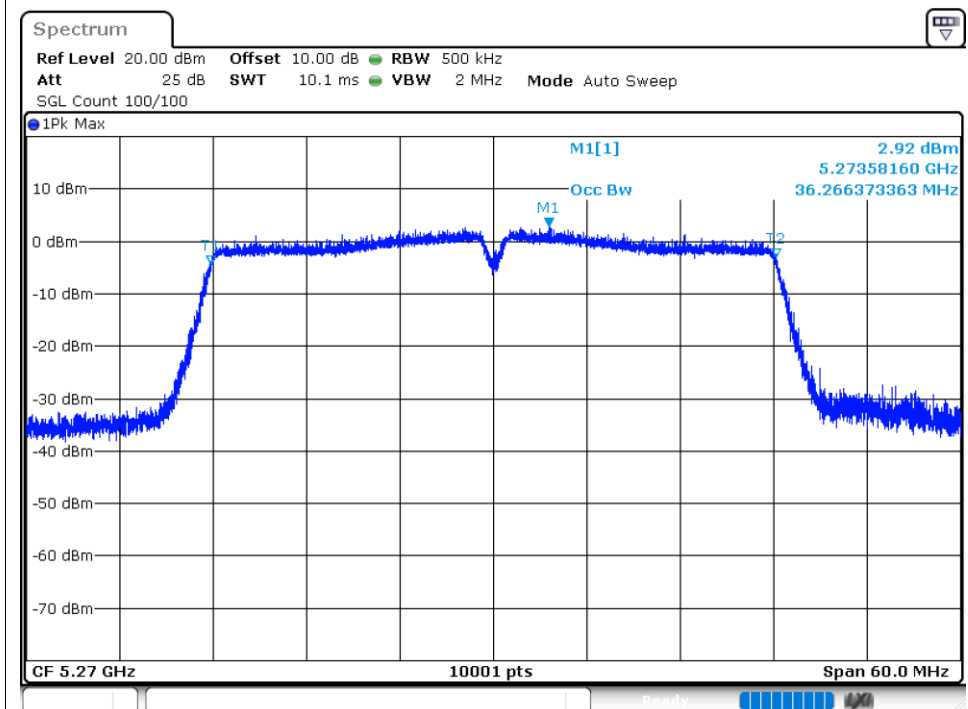
OBW NVNT ac20 5280MHz Ant1



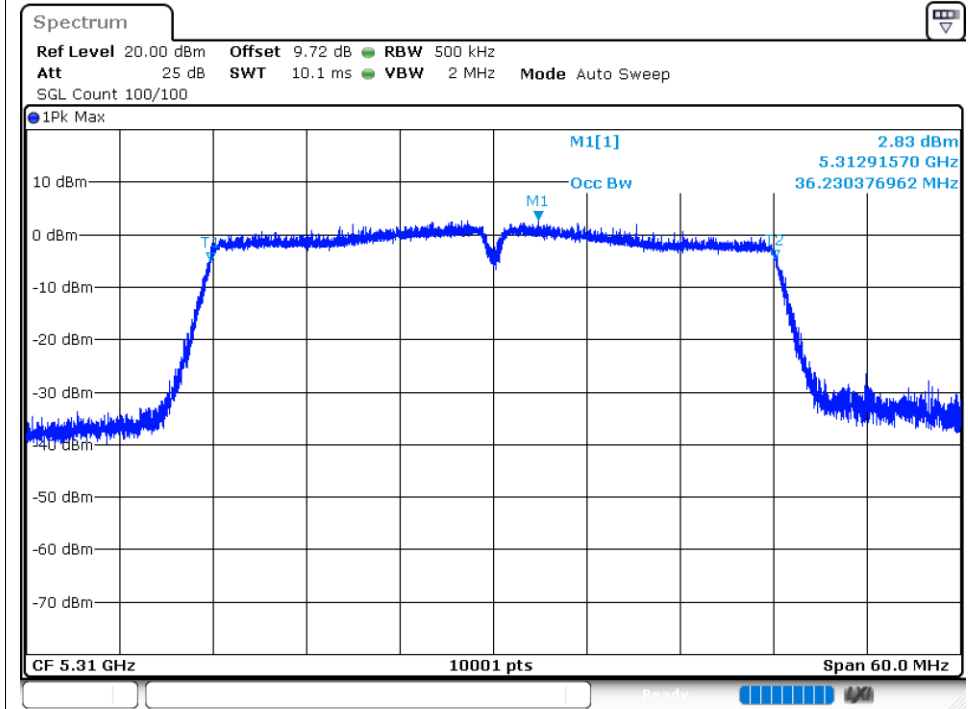
OBW NVNT ac20 5320MHz Ant1



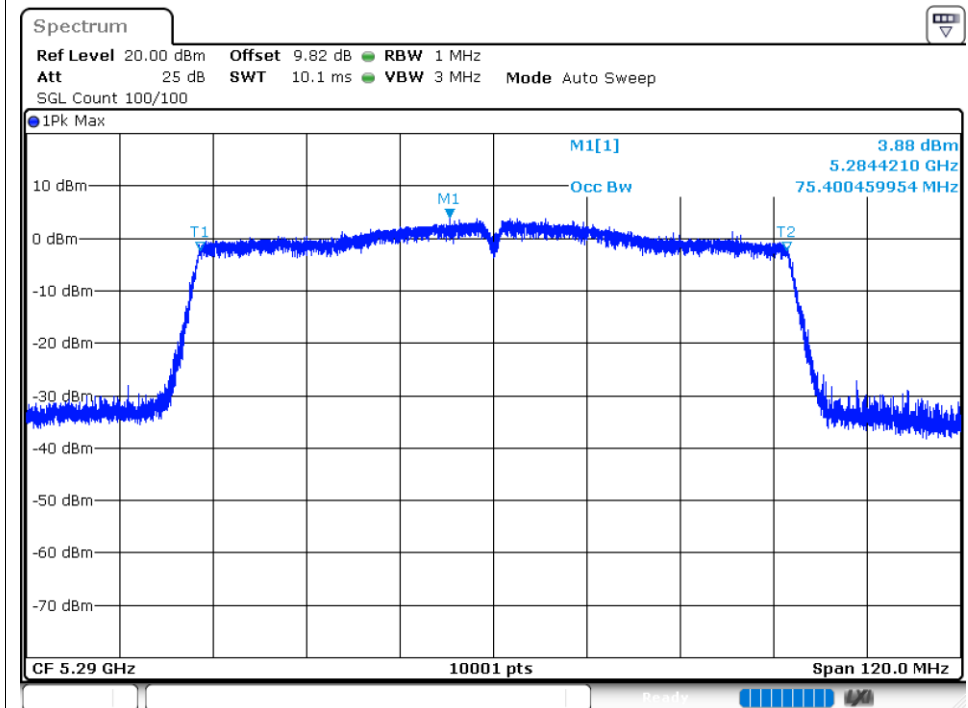
OBW NVNT ac40 5270MHz Ant1



OBW NVNT ac40 5310MHz Ant1



OBW NVNT ac80 5290MHz Ant1

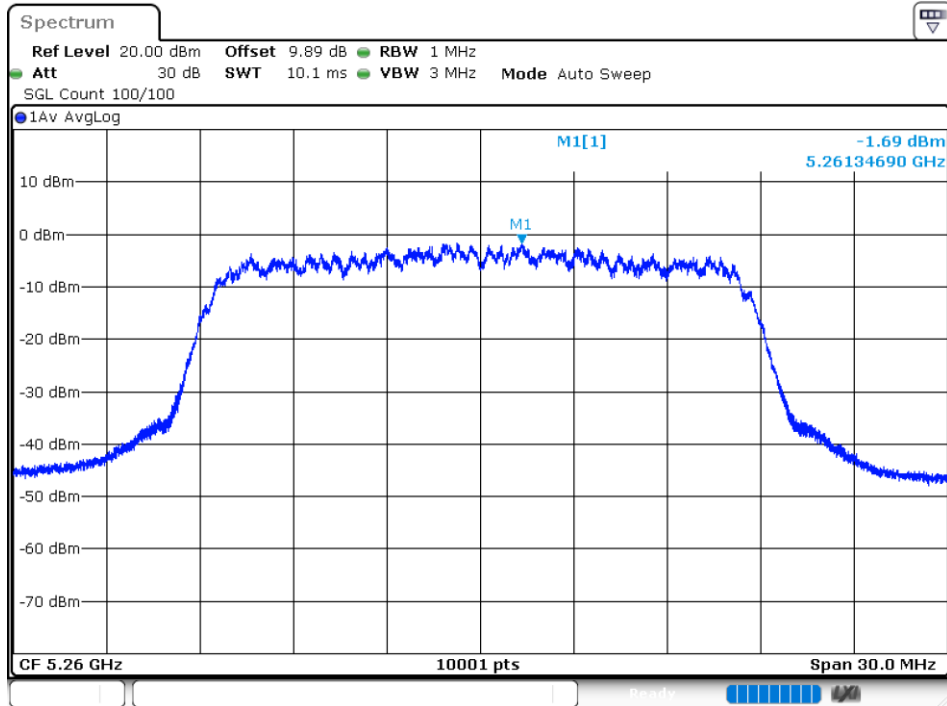


Maximum Power Spectral Density Level

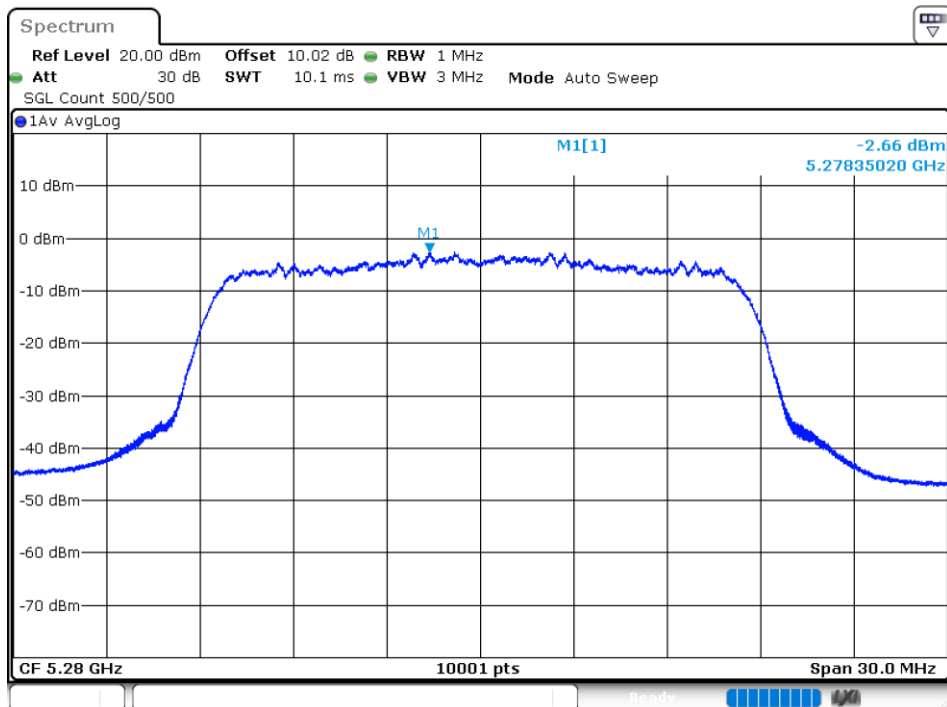
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-1.69	0.27	-1.42	11	Pass
NVNT	a	5280	Ant1	-2.66	0.27	-2.39	11	Pass
NVNT	a	5320	Ant1	-2.88	0.27	-2.61	11	Pass
NVNT	n20	5260	Ant1	-18	1.8	-16.2	11	Pass
NVNT	n20	5280	Ant1	-17.65	1.8	-15.85	11	Pass
NVNT	n20	5320	Ant1	-17.52	1.8	-15.72	11	Pass
NVNT	n40	5270	Ant1	-8.25	0.55	-7.7	11	Pass
NVNT	n40	5310	Ant1	-8.81	0.55	-8.26	11	Pass
NVNT	ac20	5260	Ant1	-16.88	1.95	-14.93	11	Pass
NVNT	ac20	5280	Ant1	-18.9	1.95	-16.95	11	Pass
NVNT	ac20	5320	Ant1	-18.68	1.94	-16.74	11	Pass
NVNT	ac40	5270	Ant1	-8.44	0.55	-7.89	11	Pass
NVNT	ac40	5310	Ant1	-8.06	0.55	-7.51	11	Pass
NVNT	ac80	5290	Ant1	-10.12	1.03	-9.09	11	Pass

Test Graphs

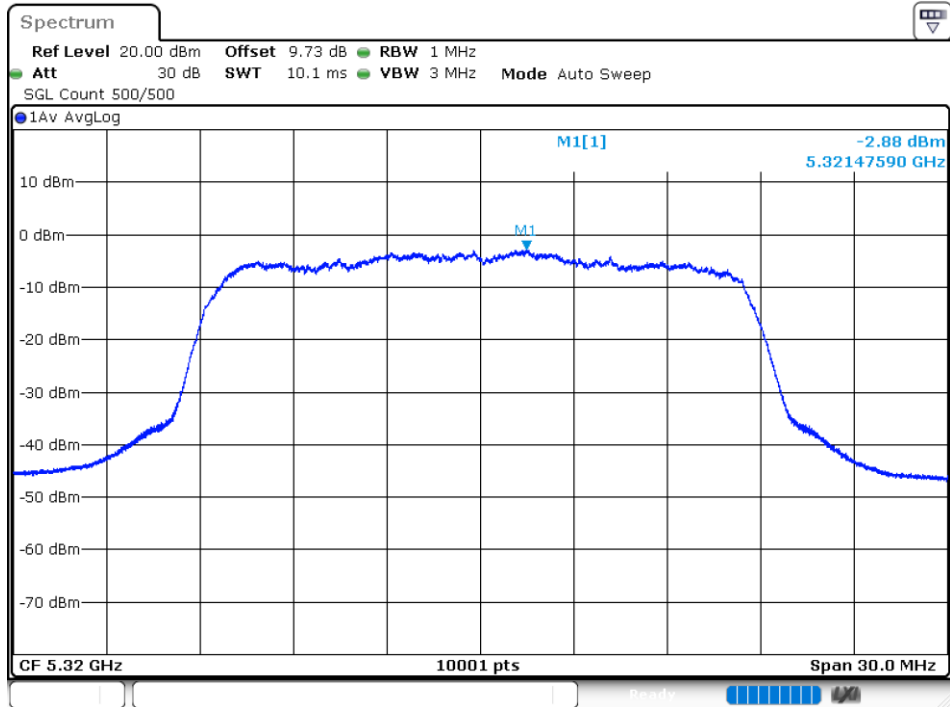
PSD NVNT a 5260MHz Ant1



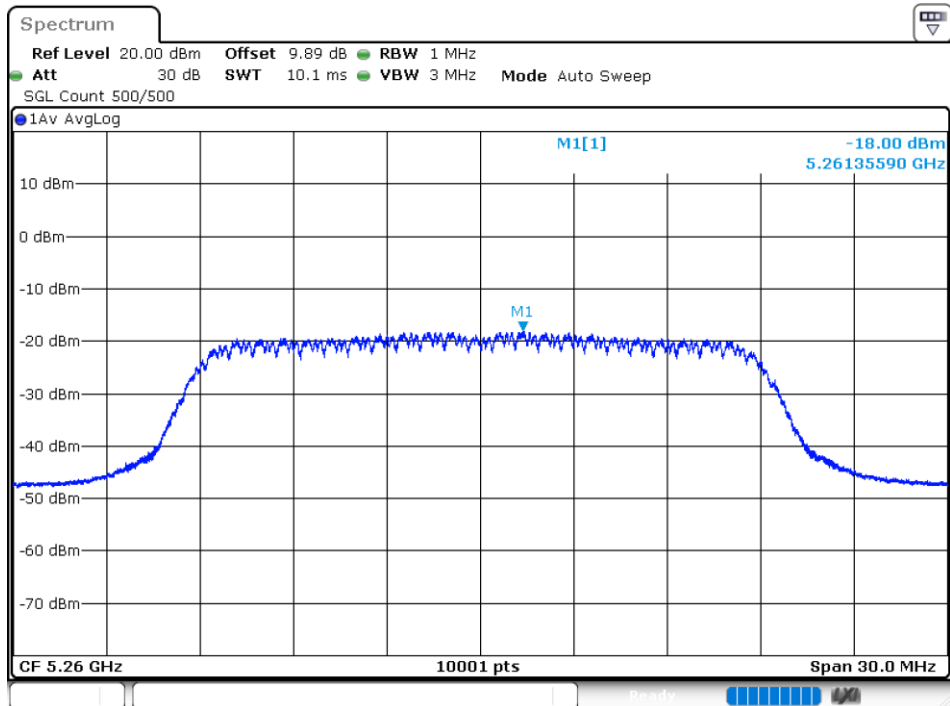
PSD NVNT a 5280MHz Ant1

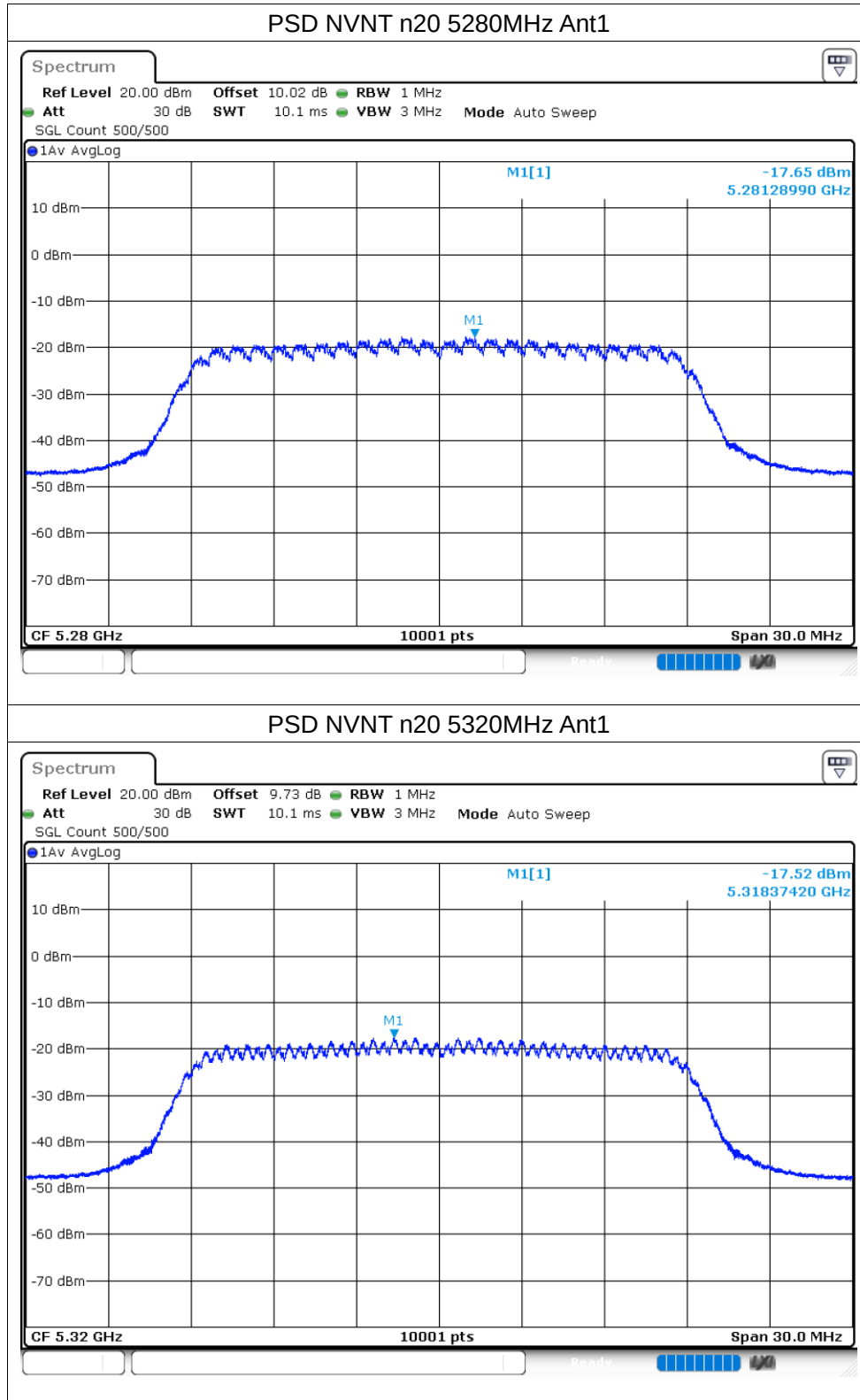


PSD NVNT a 5320MHz Ant1

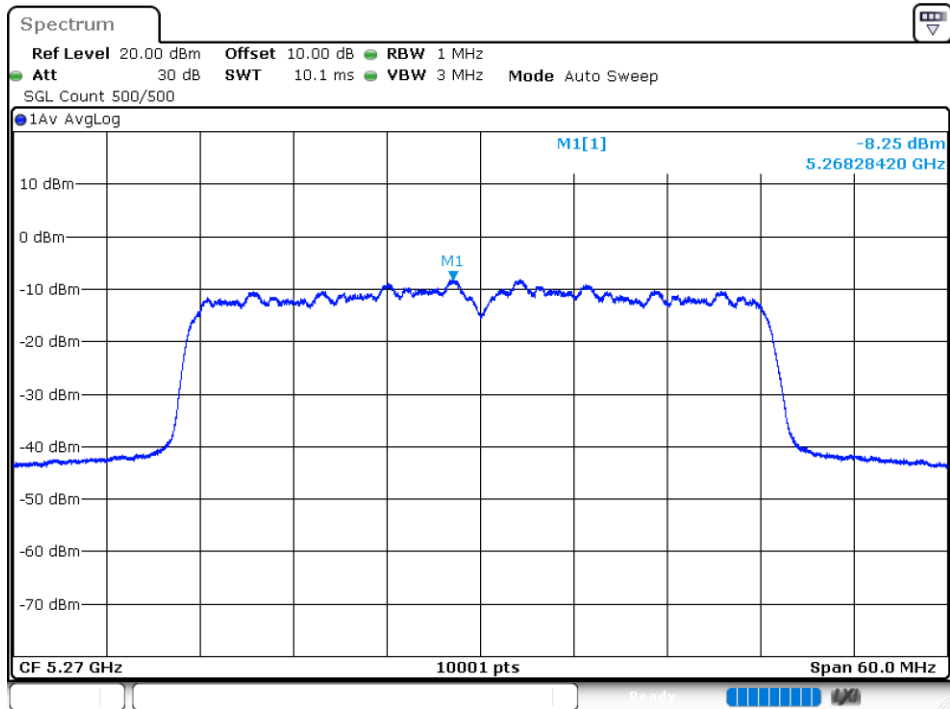


PSD NVNT n20 5260MHz Ant1

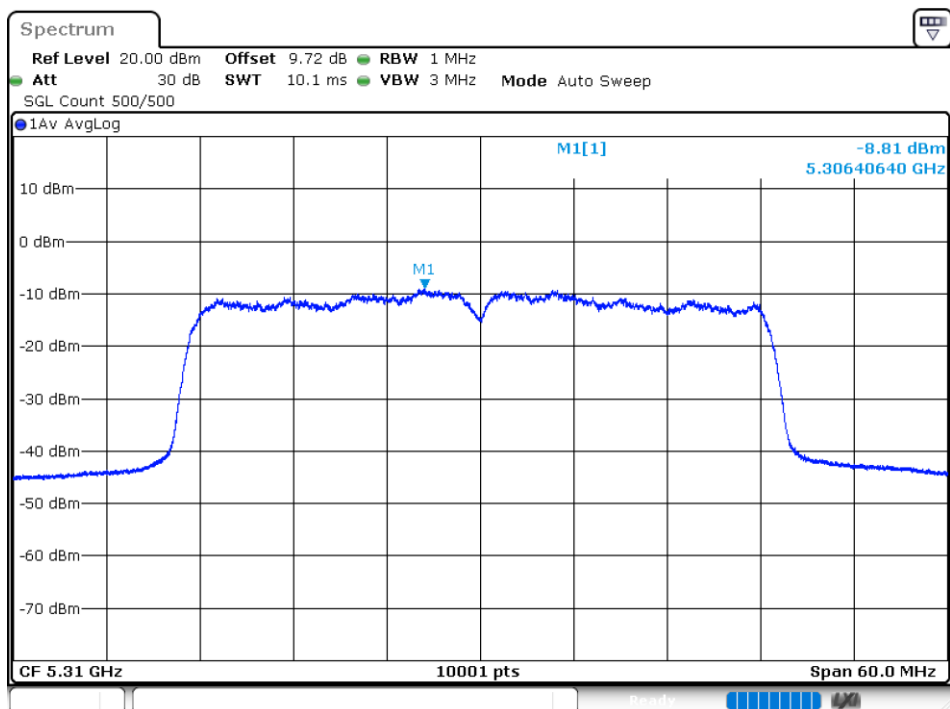




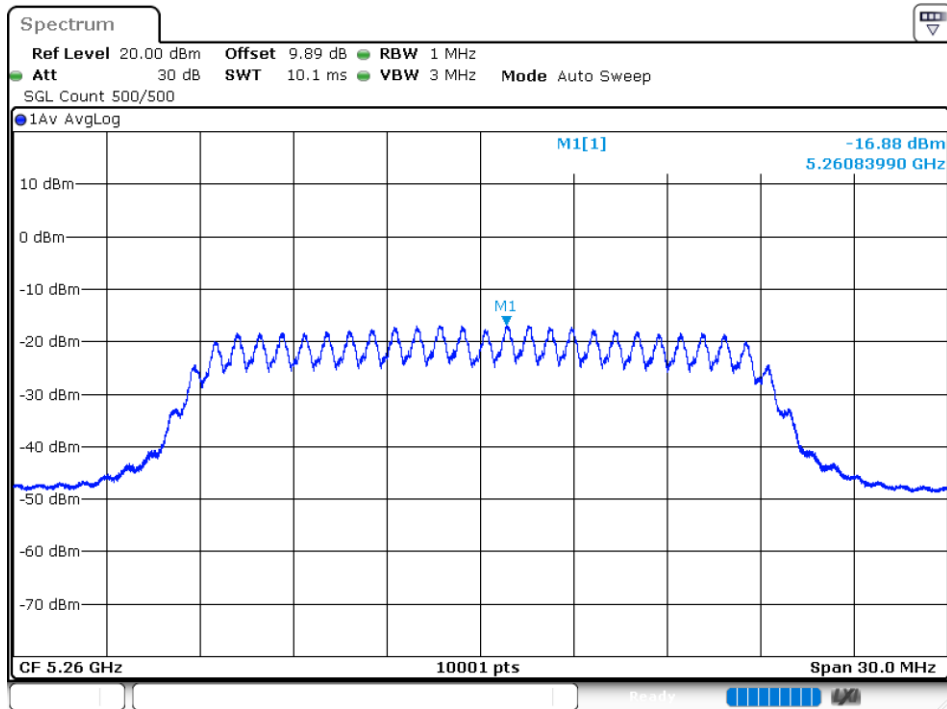
PSD NVNT n40 5270MHz Ant1



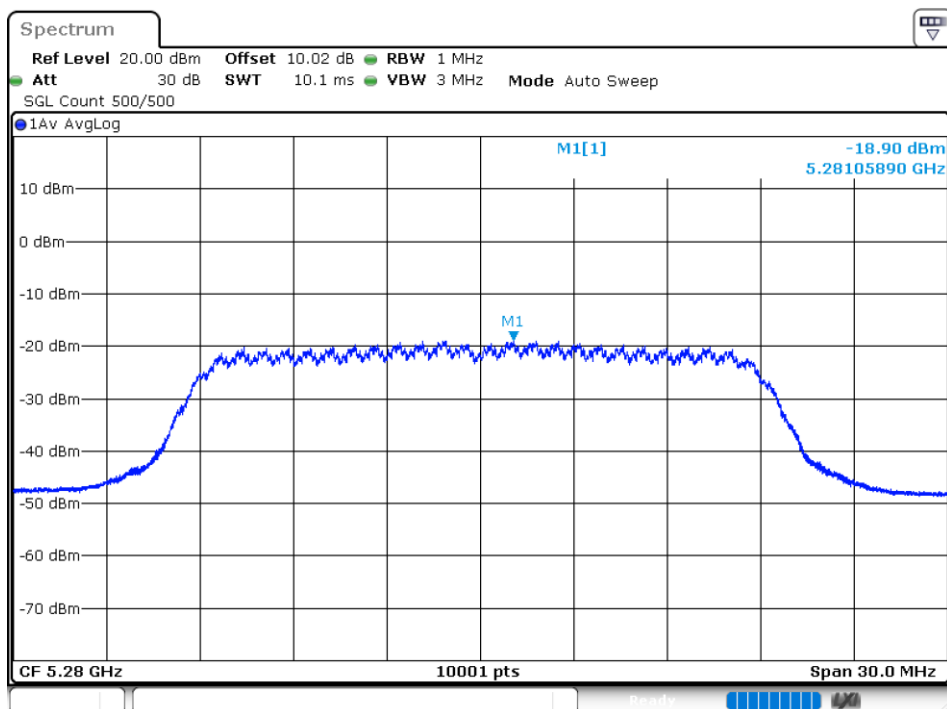
PSD NVNT n40 5310MHz Ant1



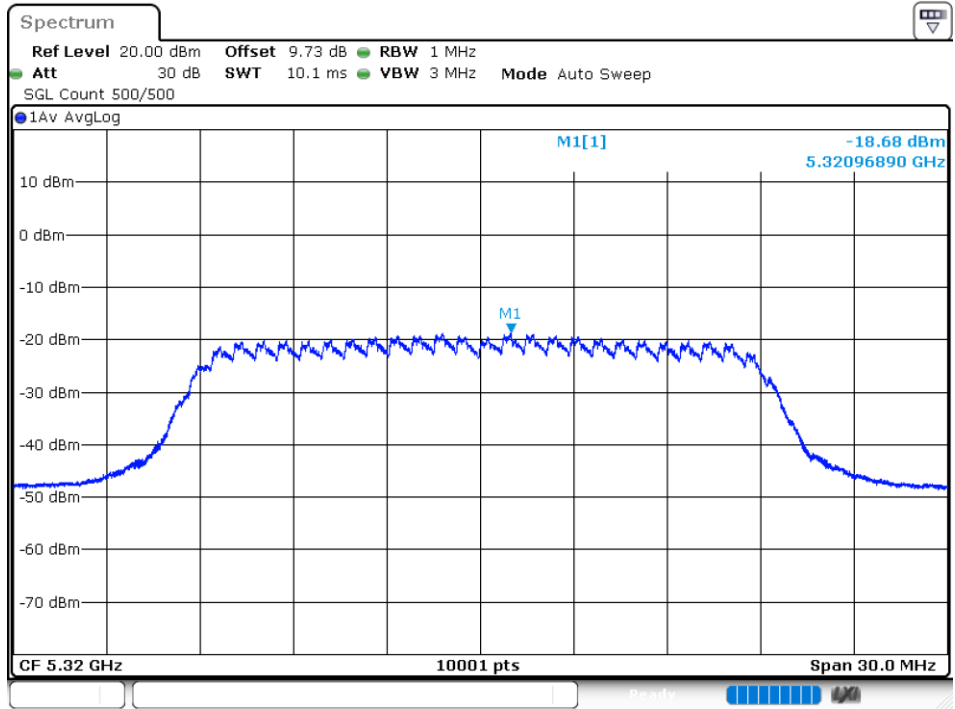
PSD NVNT ac20 5260MHz Ant1



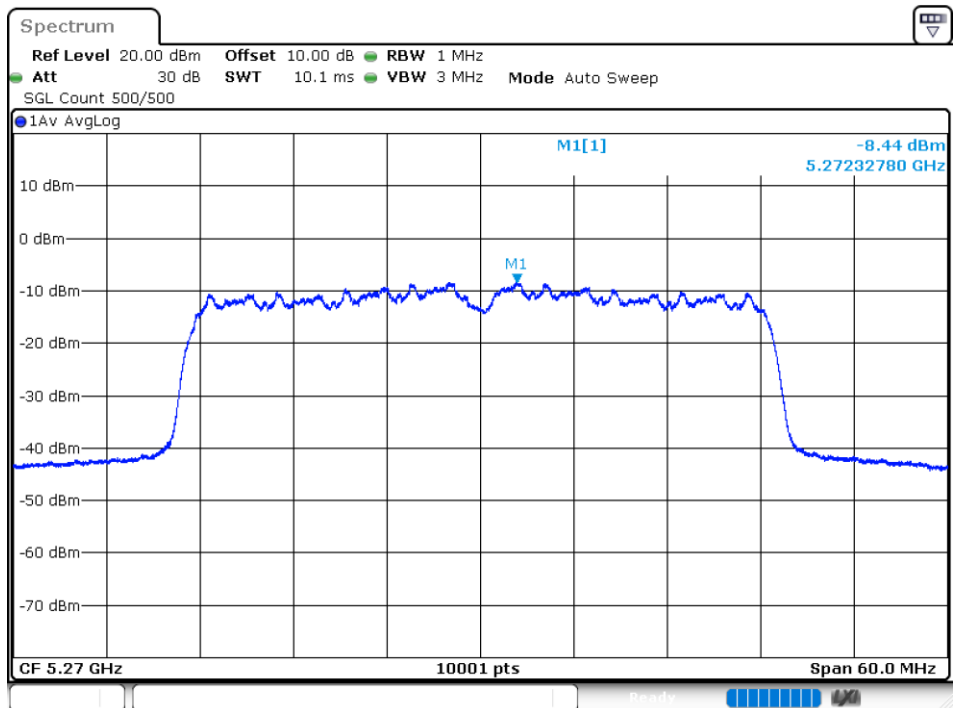
PSD NVNT ac20 5280MHz Ant1

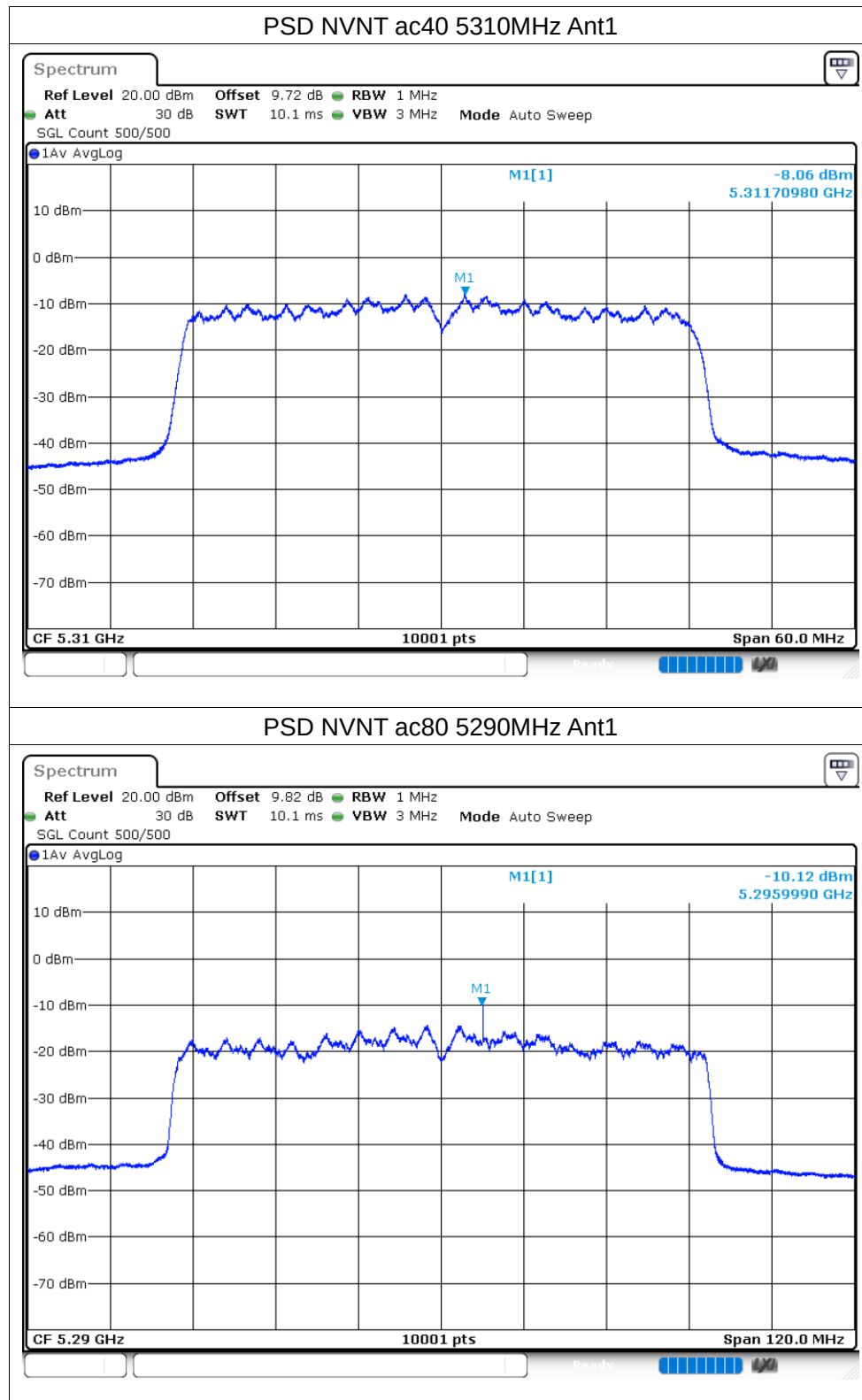


PSD NVNT ac20 5320MHz Ant1



PSD NVNT ac40 5270MHz Ant1



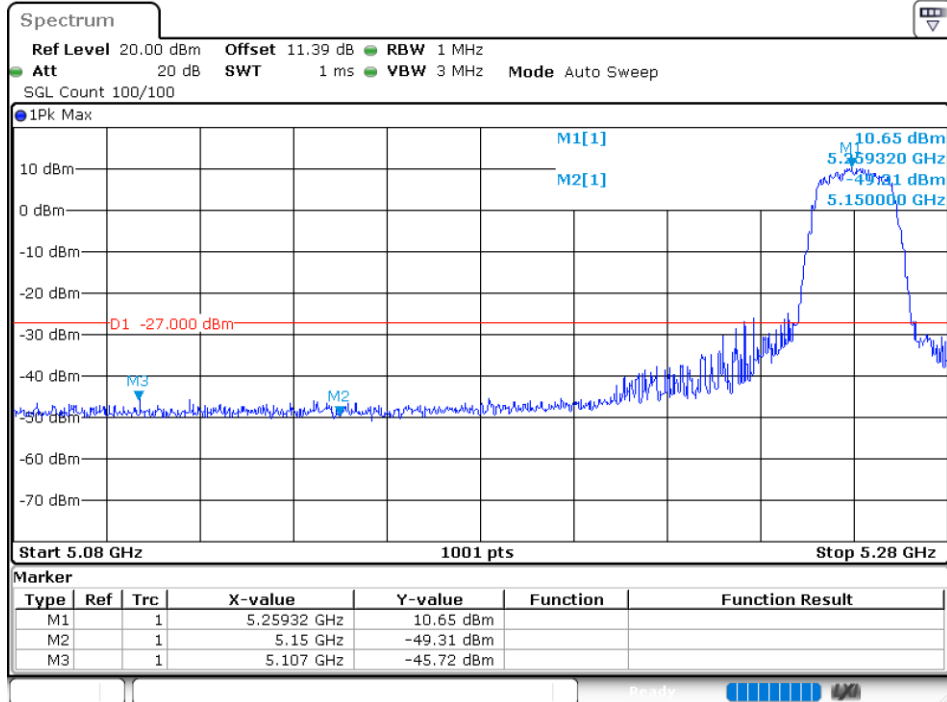


Band Edge

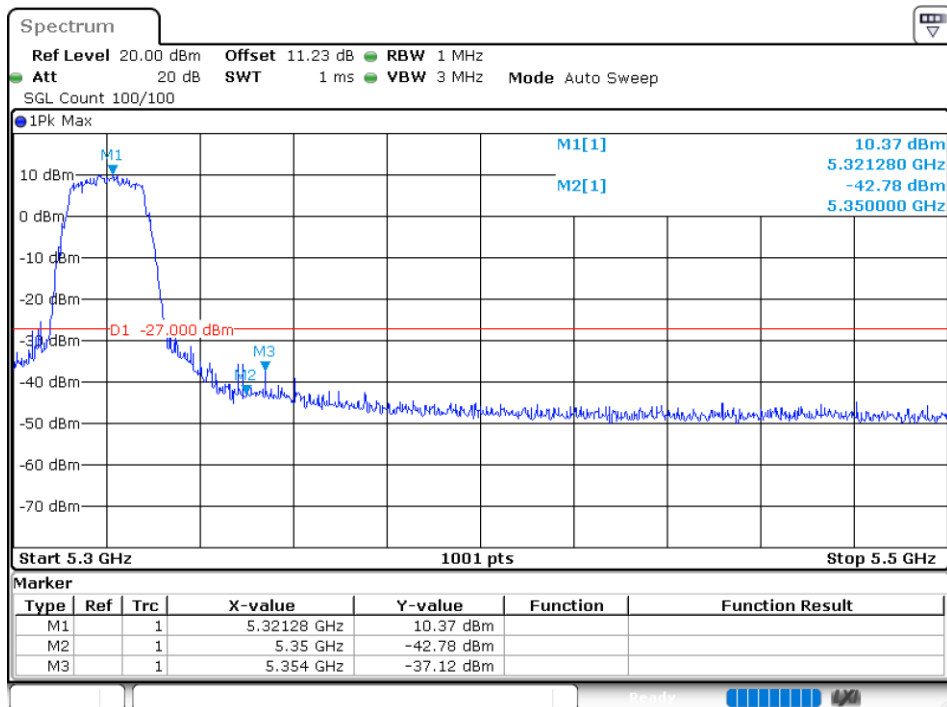
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-45.71	-27	Pass
NVNT	a	5320	Ant1	-37.11	-27	Pass
NVNT	n20	5260	Ant1	-46.14	-27	Pass
NVNT	n20	5320	Ant1	-40.08	-27	Pass
NVNT	n40	5270	Ant1	-44.6	-27	Pass
NVNT	n40	5310	Ant1	-30.31	-27	Pass
NVNT	ac20	5260	Ant1	-45.39	-27	Pass
NVNT	ac20	5320	Ant1	-41.26	-27	Pass
NVNT	ac40	5270	Ant1	-45.54	-27	Pass
NVNT	ac40	5310	Ant1	-33.13	-27	Pass
NVNT	ac80	5290	Ant1	-43.6	-27	Pass

Test Graphs

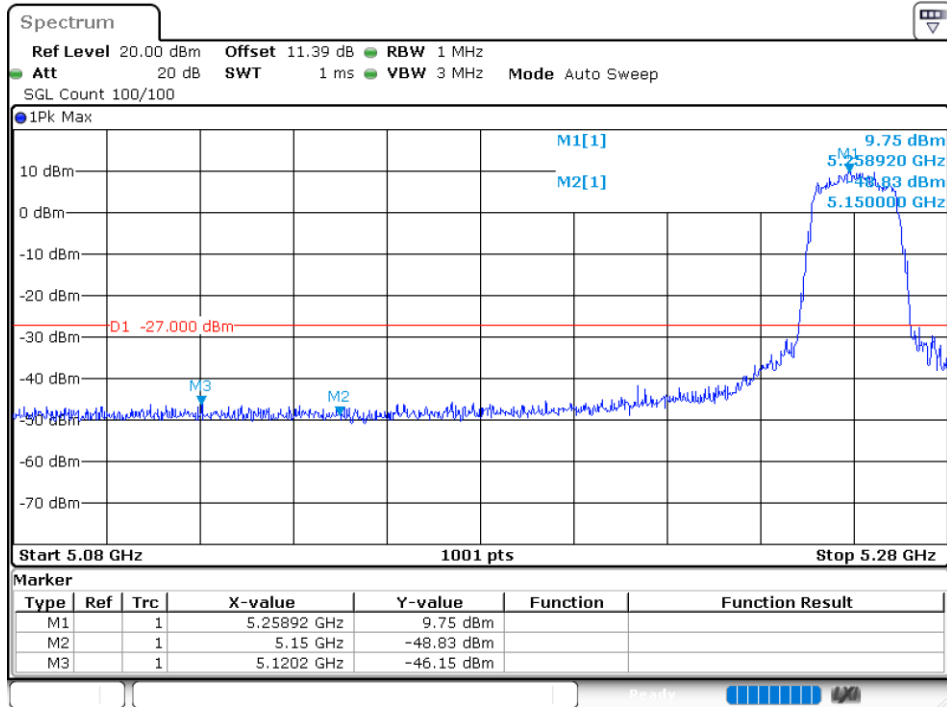
Band Edge NVNT a 5260MHz Low Ant1



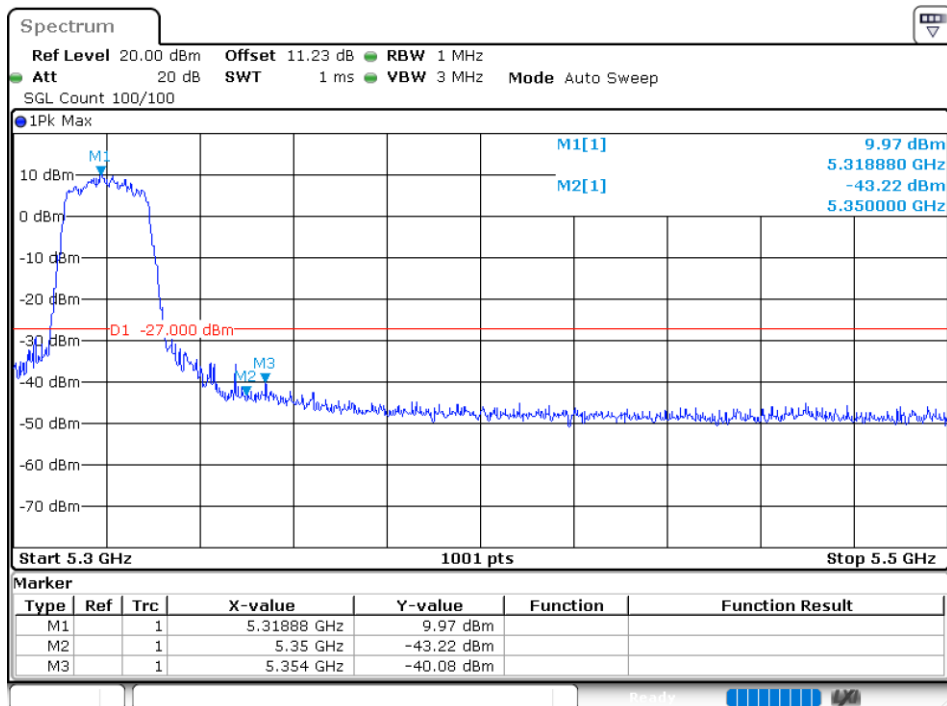
Band Edge NVNT a 5320MHz High Ant1



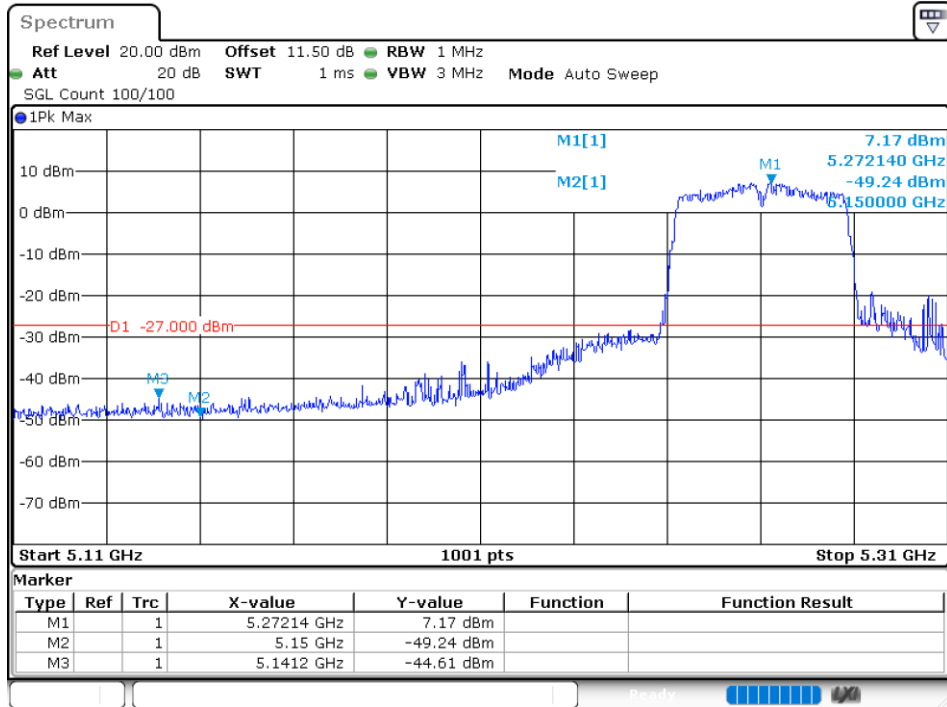
Band Edge NVNT n20 5260MHz Low Ant1



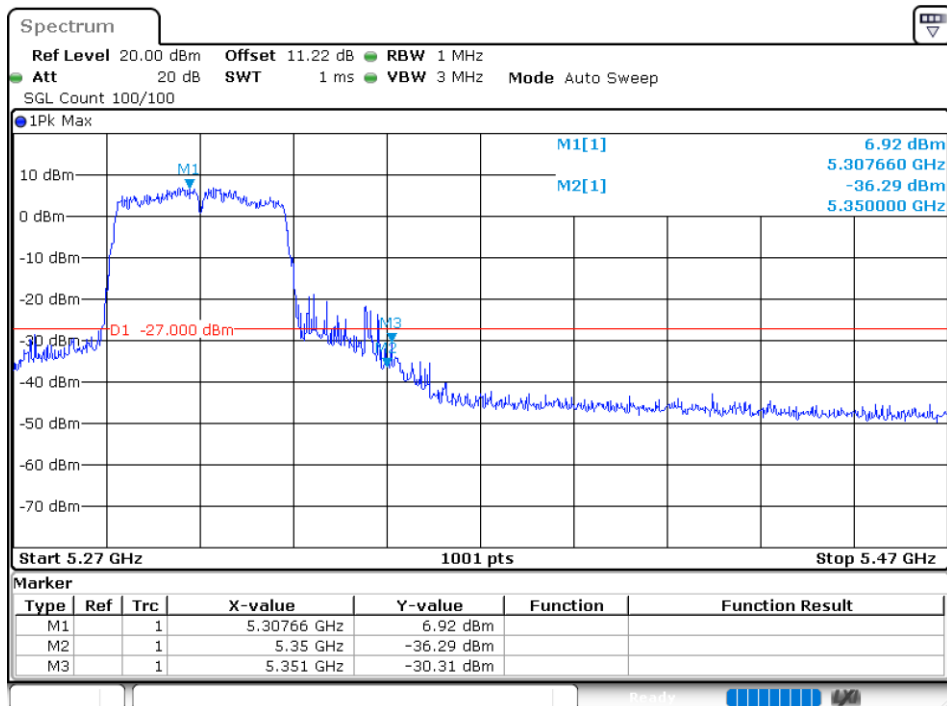
Band Edge NVNT n20 5320MHz High Ant1



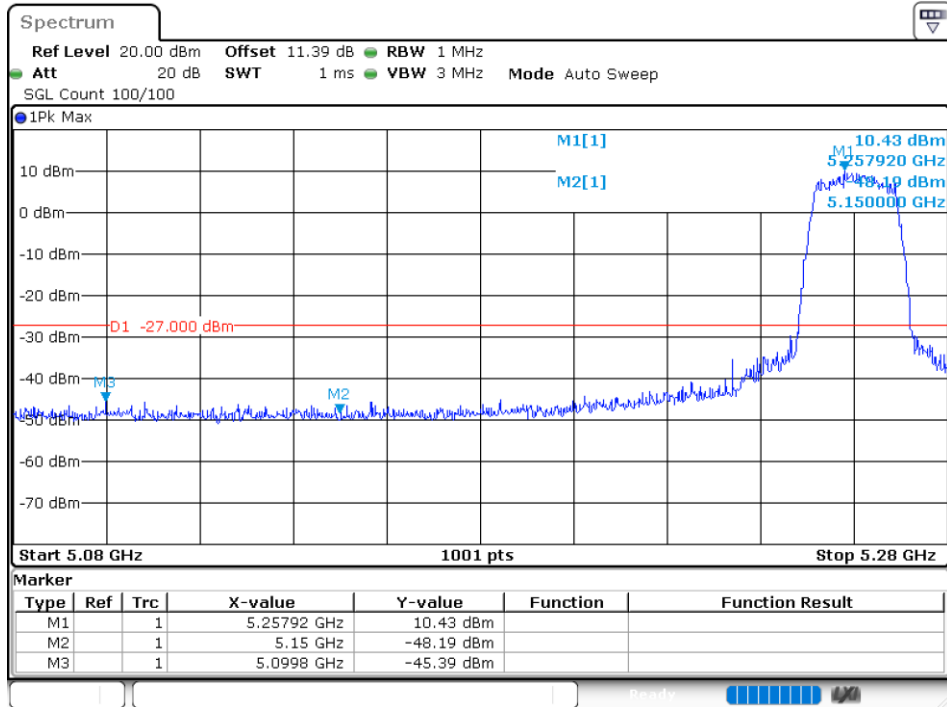
Band Edge NVNT n40 5270MHz Low Ant1



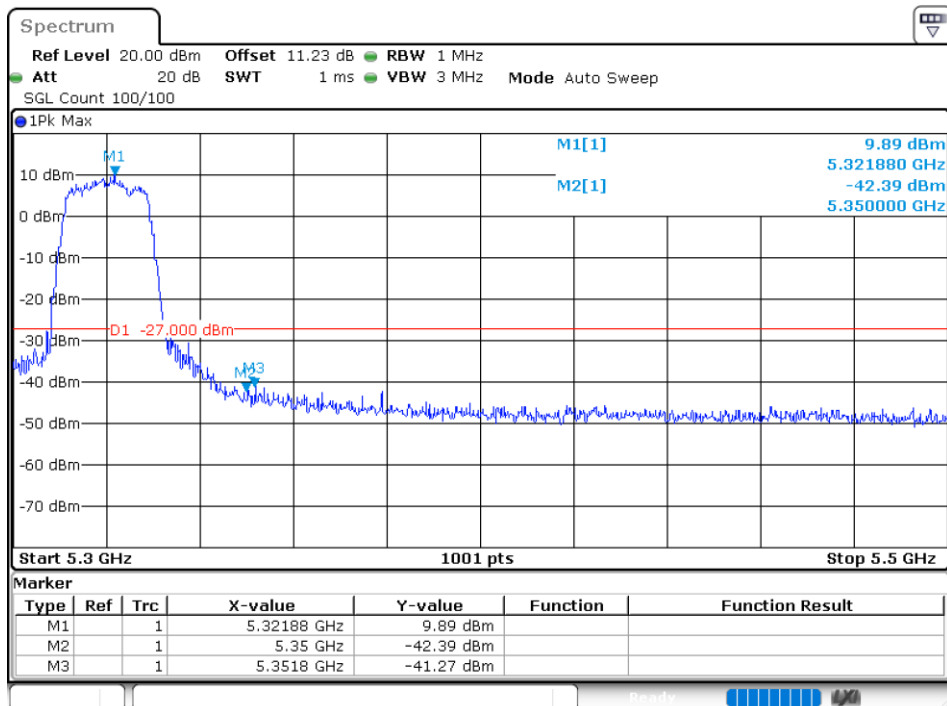
Band Edge NVNT n40 5310MHz High Ant1



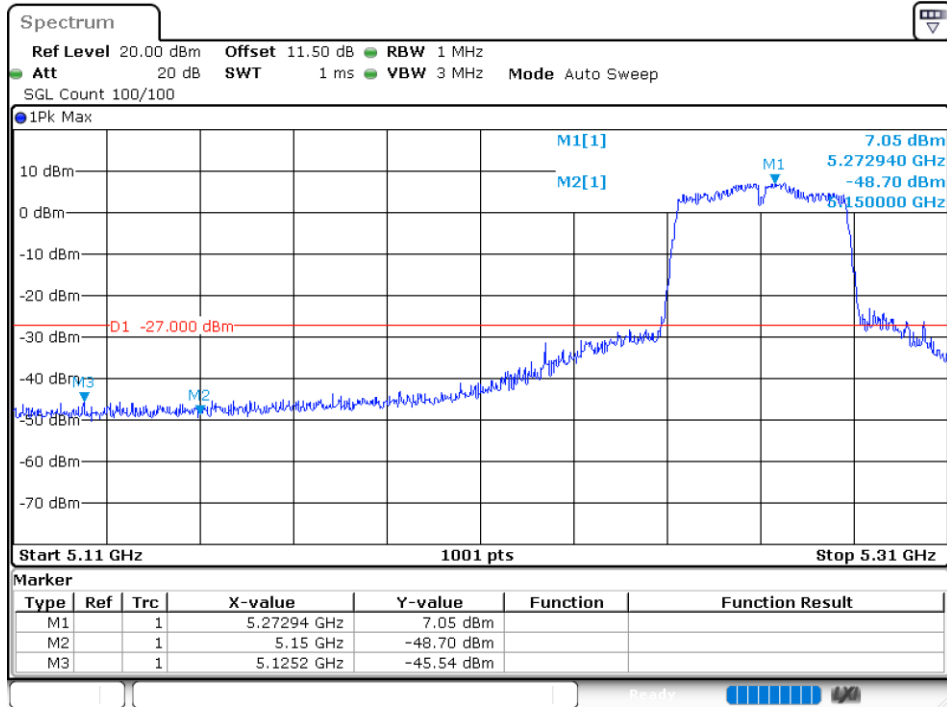
Band Edge NVNT ac20 5260MHz Low Ant1



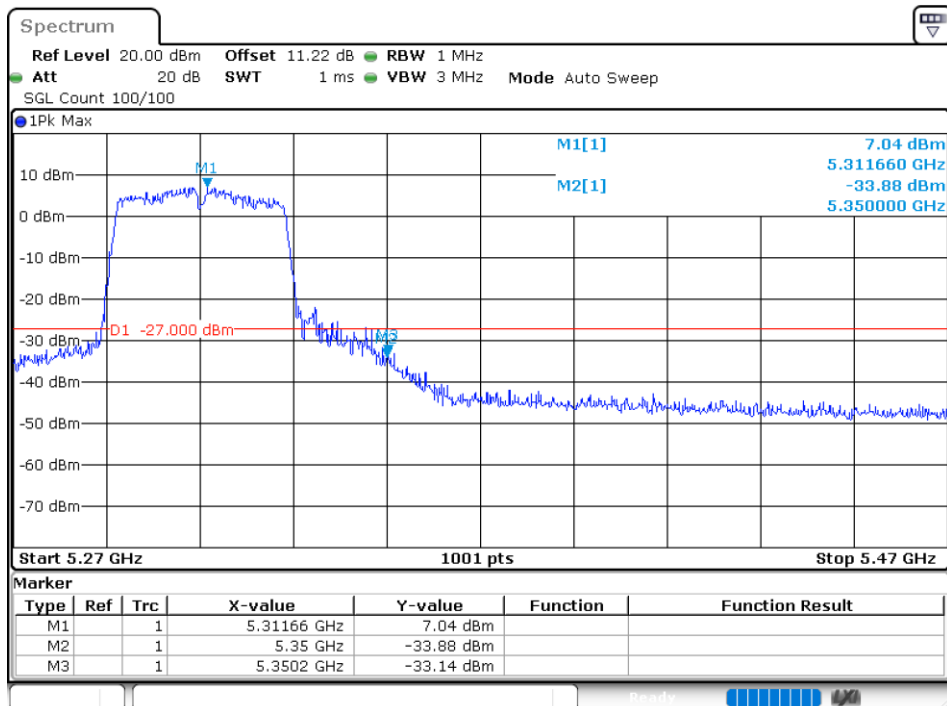
Band Edge NVNT ac20 5320MHz High Ant1

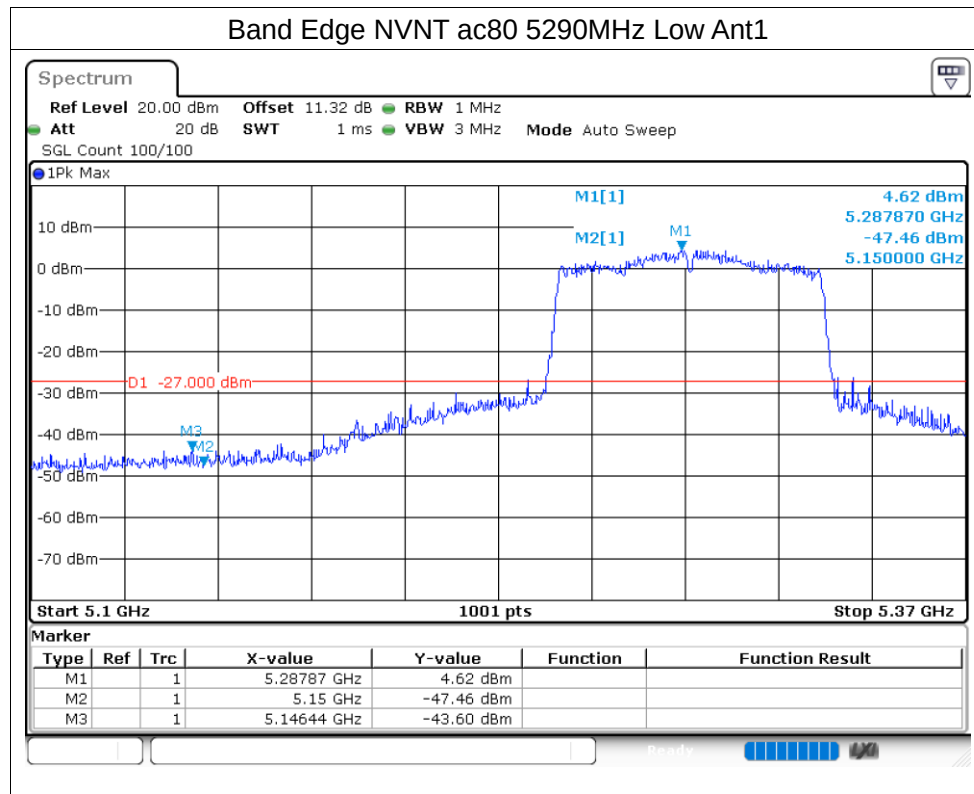


Band Edge NVNT ac40 5270MHz Low Ant1



Band Edge NVNT ac40 5310MHz High Ant1





Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-36.67	-27	Pass
NVNT	a	5280	Ant1	-35.33	-27	Pass
NVNT	a	5320	Ant1	-35.62	-27	Pass
NVNT	n20	5260	Ant1	-36.95	-27	Pass
NVNT	n20	5280	Ant1	-36.66	-27	Pass
NVNT	n20	5320	Ant1	-37.05	-27	Pass
NVNT	n40	5270	Ant1	-36.68	-27	Pass
NVNT	n40	5310	Ant1	-36.86	-27	Pass
NVNT	ac20	5260	Ant1	-37.28	-27	Pass
NVNT	ac20	5280	Ant1	-35.94	-27	Pass
NVNT	ac20	5320	Ant1	-37.07	-27	Pass
NVNT	ac40	5270	Ant1	-35.62	-27	Pass
NVNT	ac40	5310	Ant1	-36.71	-27	Pass
NVNT	ac80	5290	Ant1	-36.9	-27	Pass