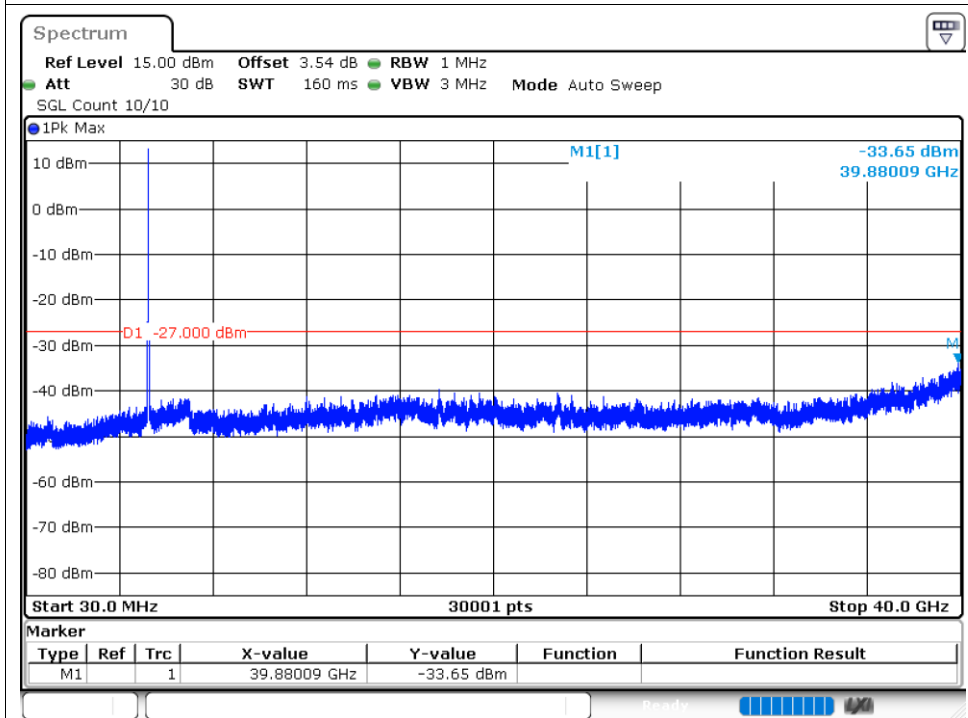
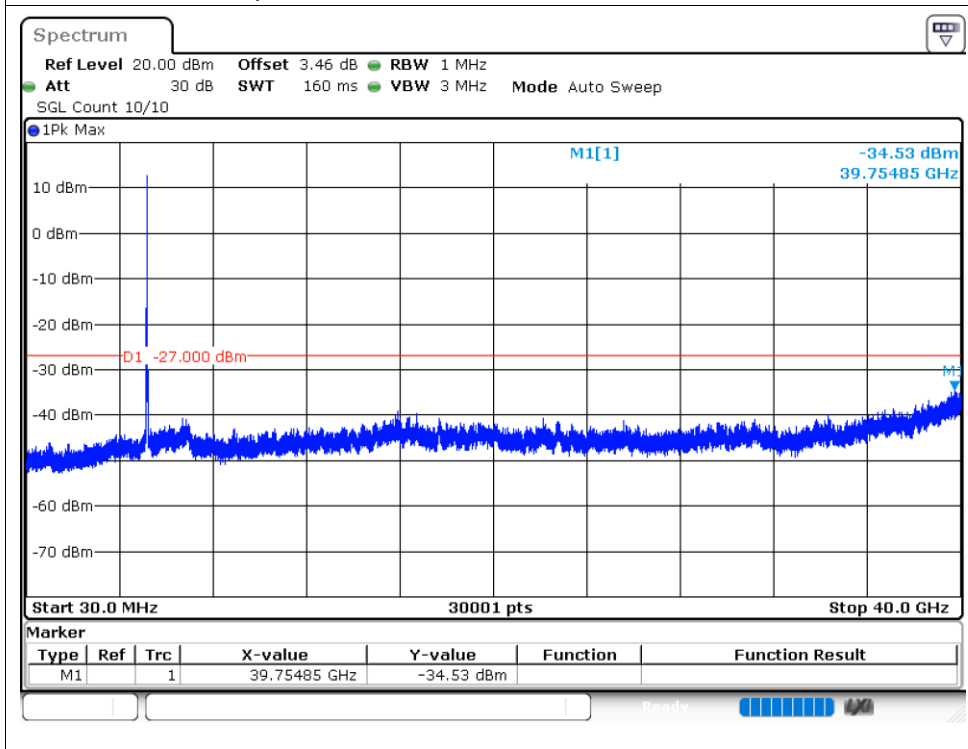


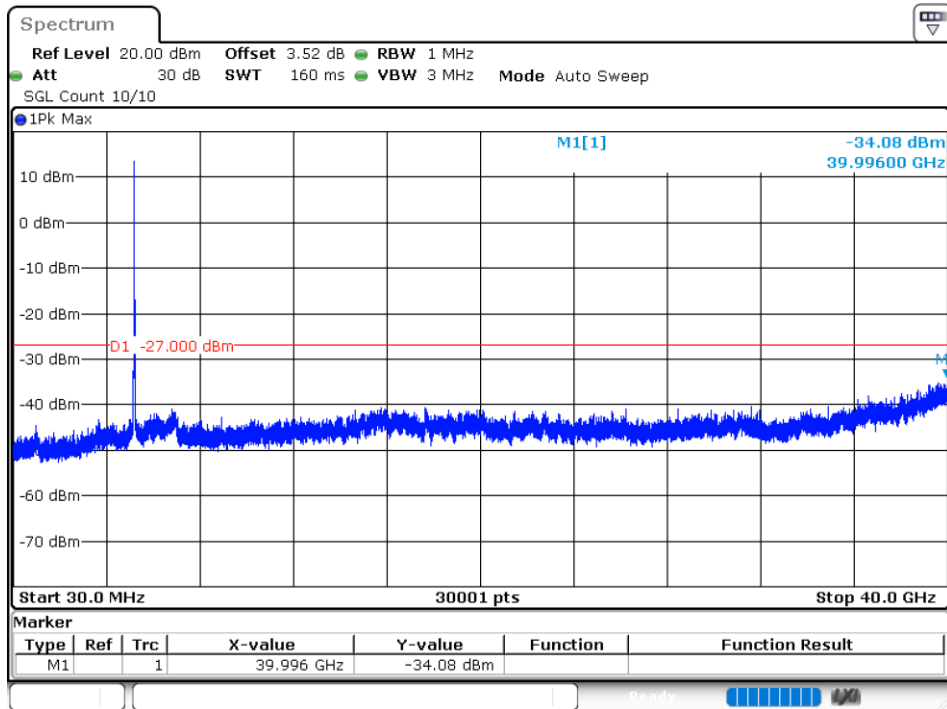
Tx. Spurious NVNT a 5240MHz Ant1 Emission



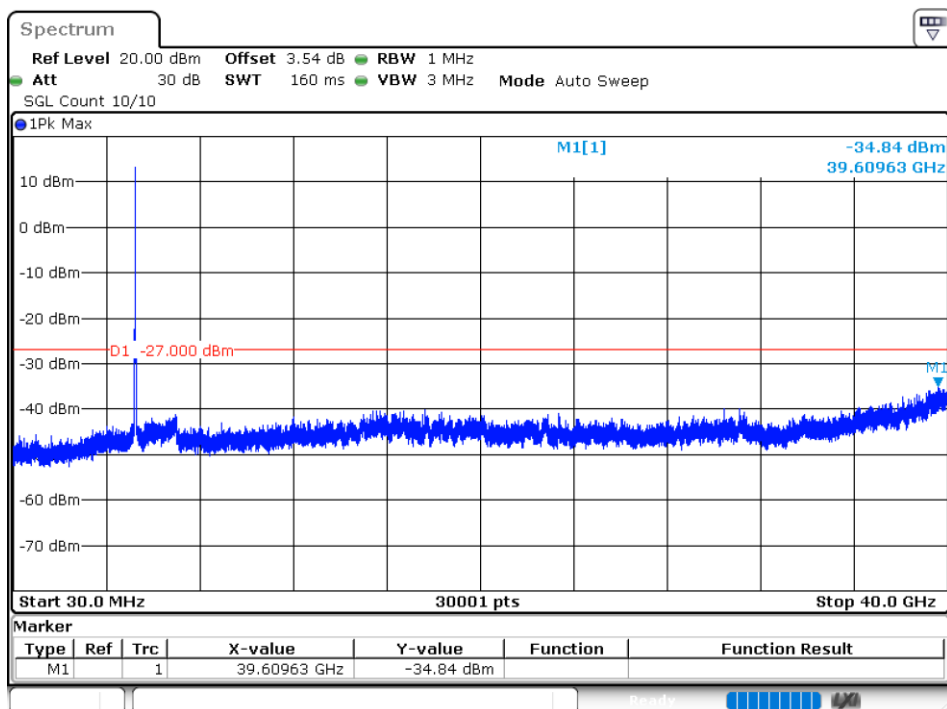
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



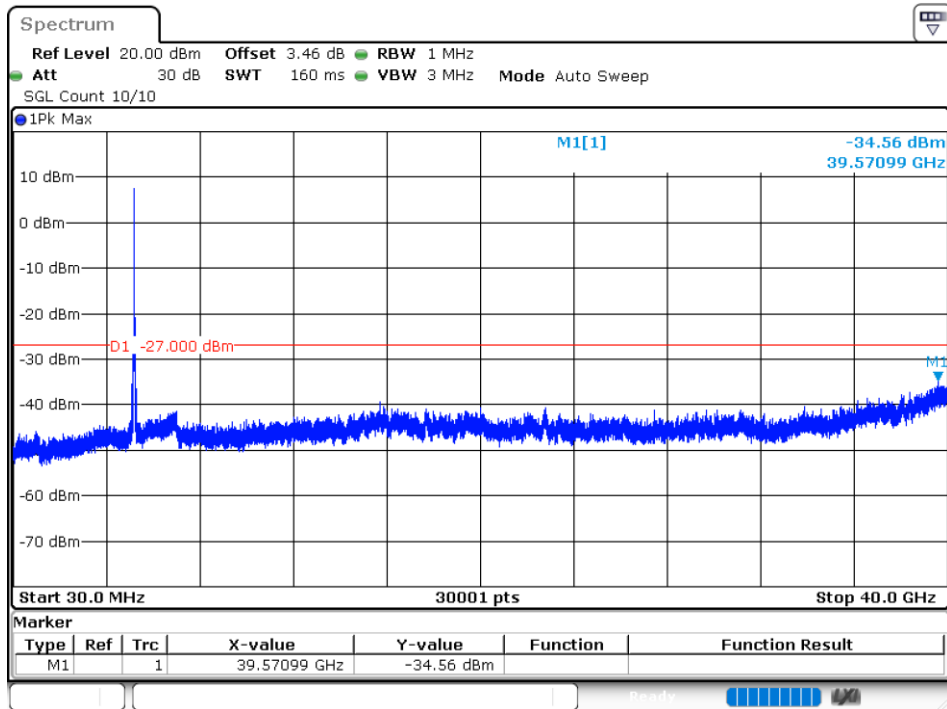
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



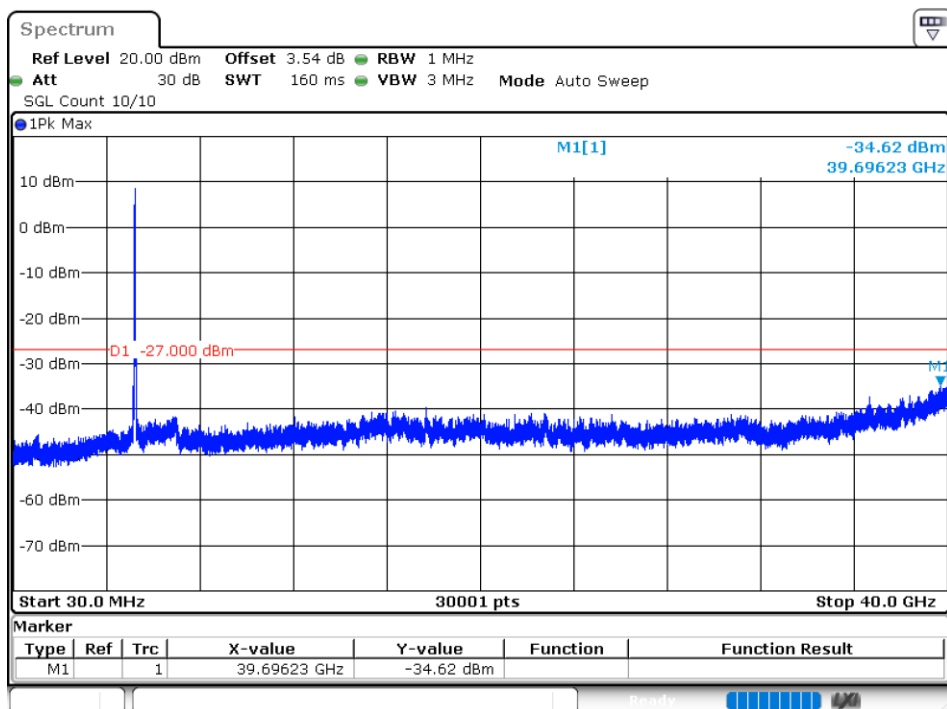
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



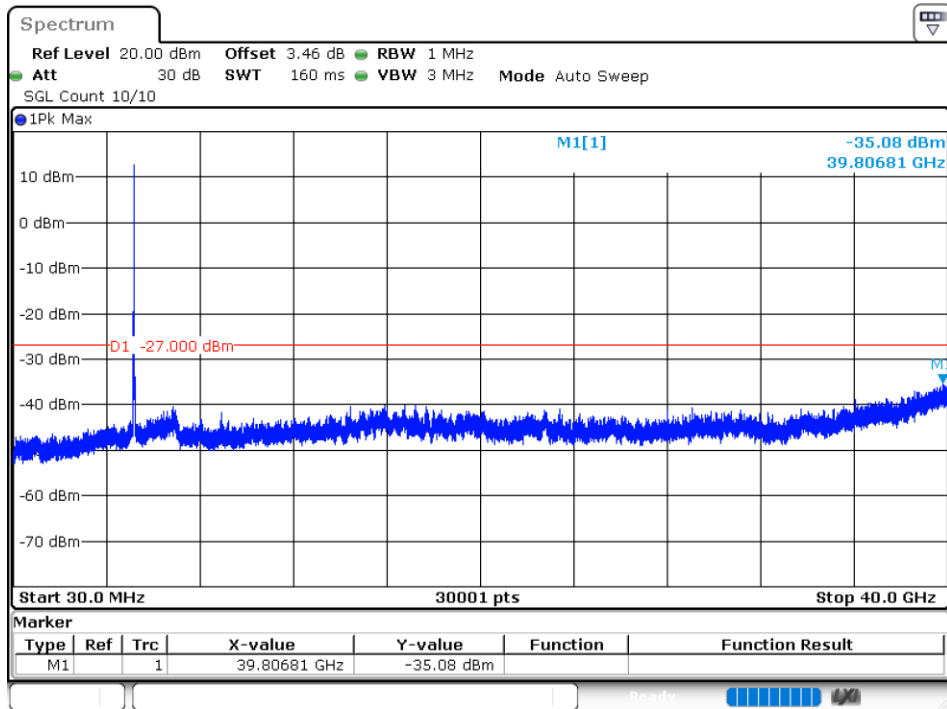
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



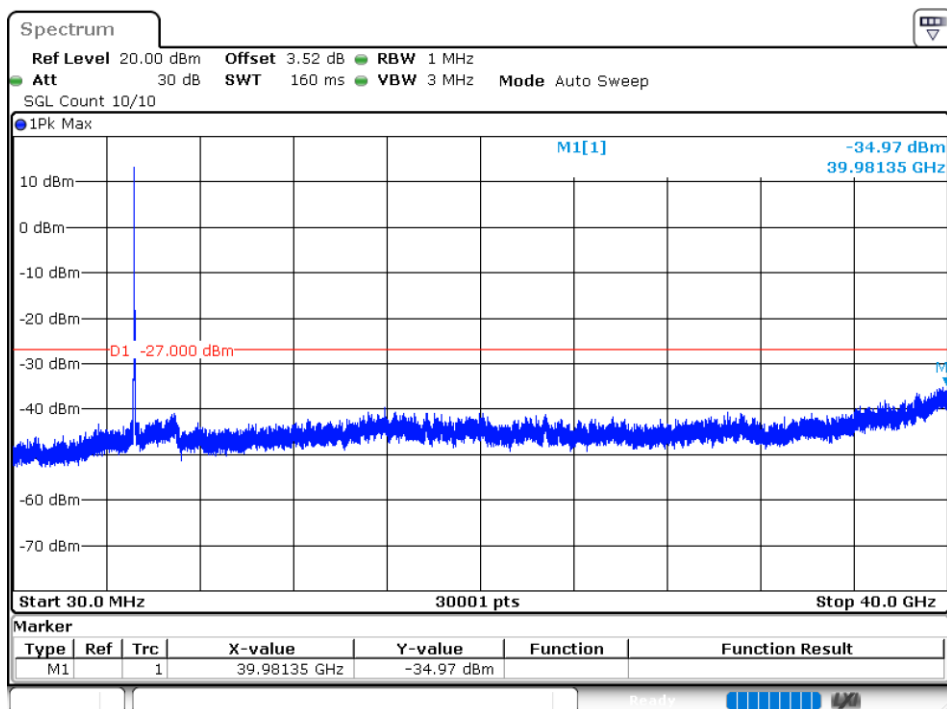
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



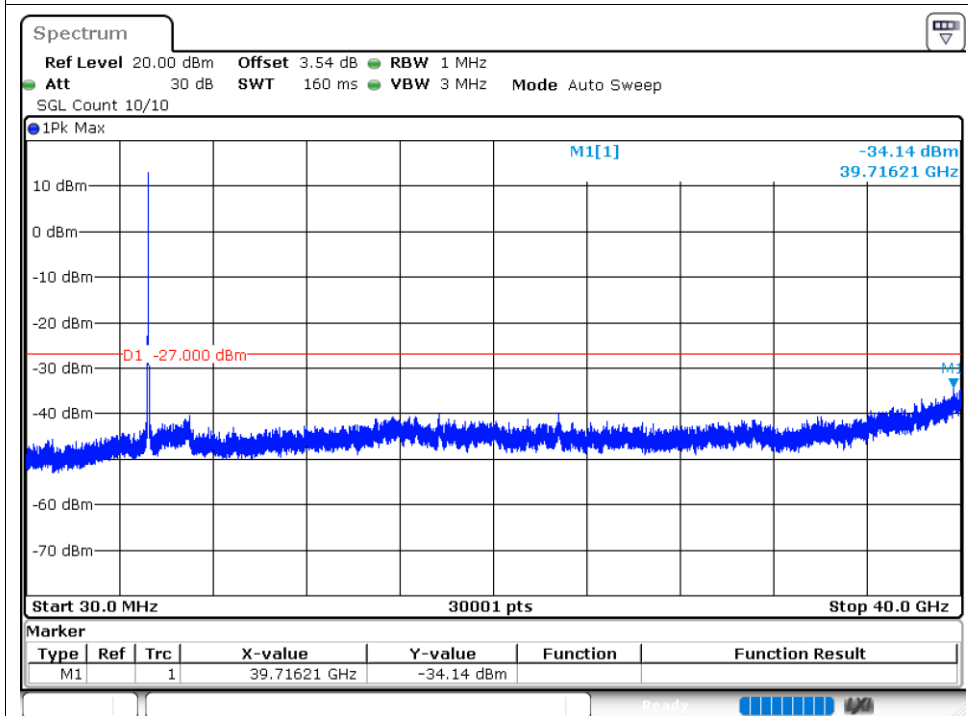
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



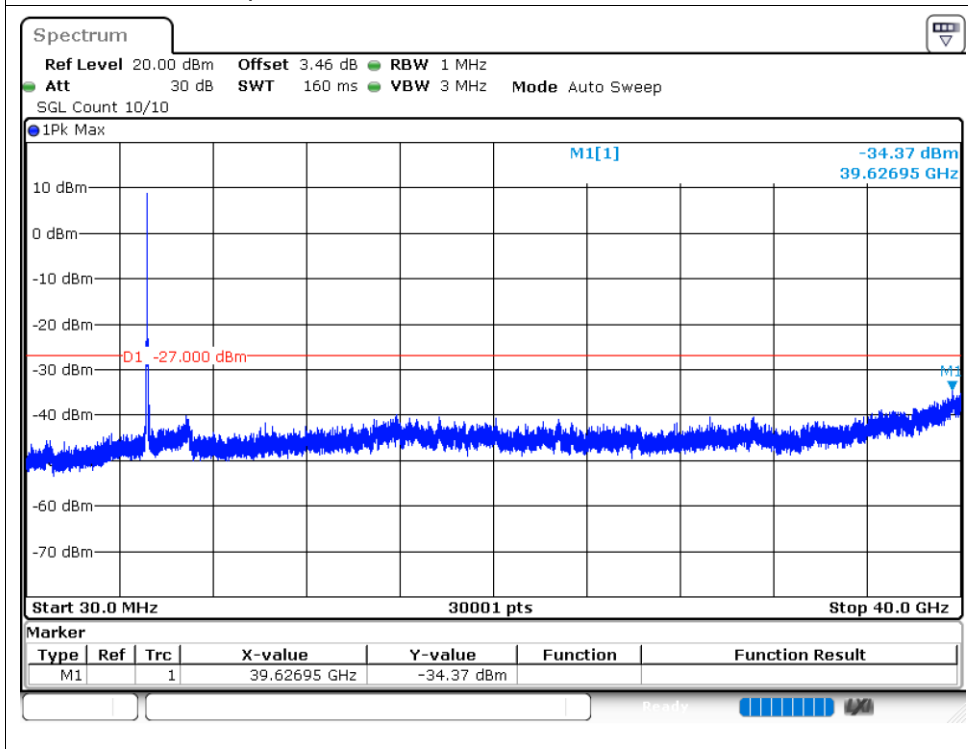
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



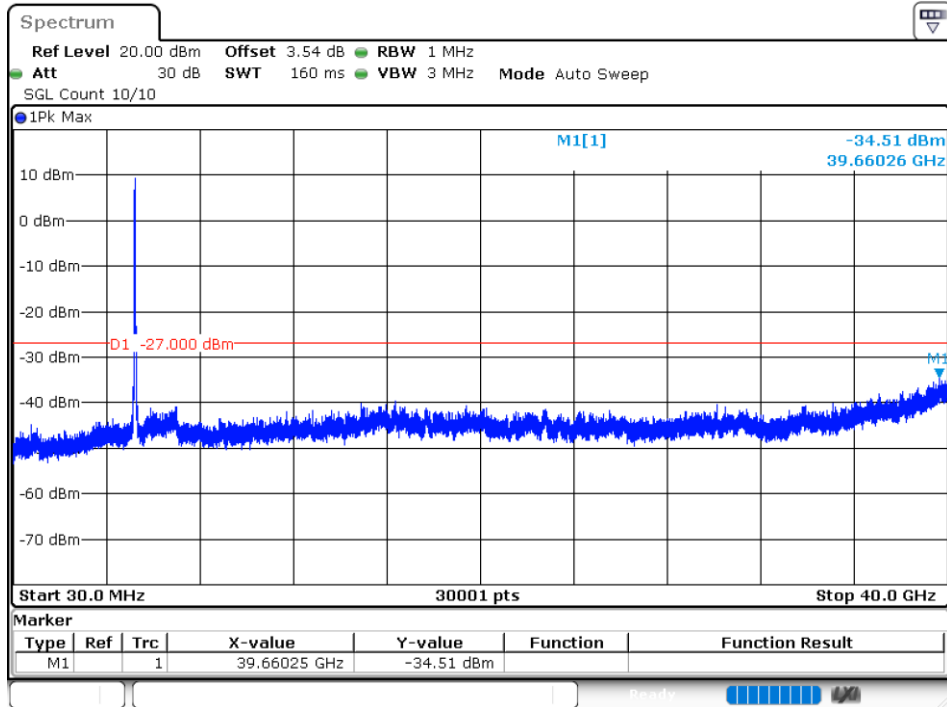
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



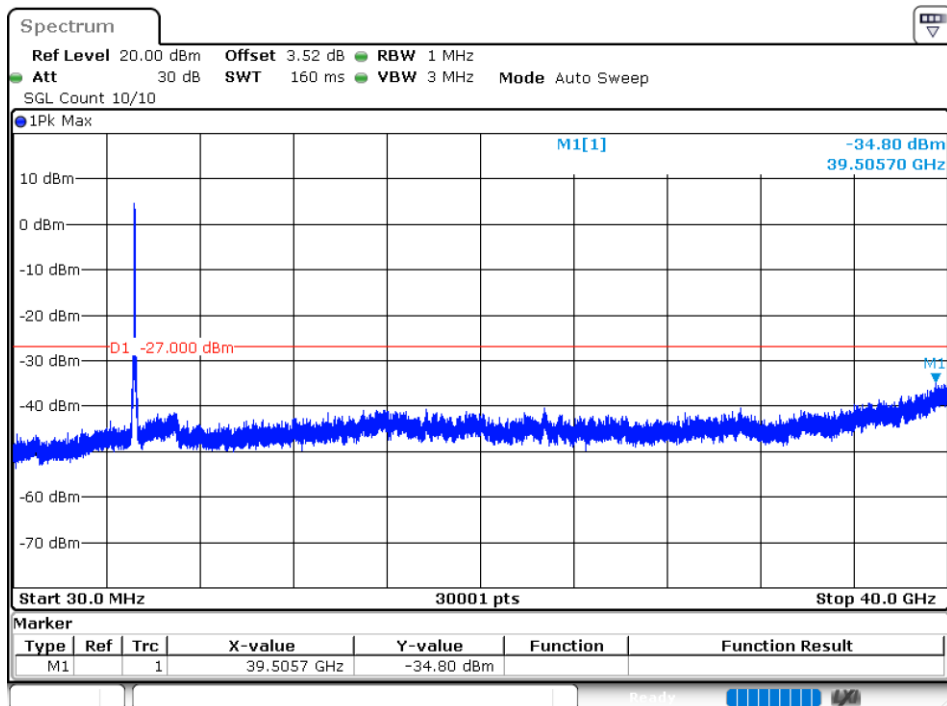
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



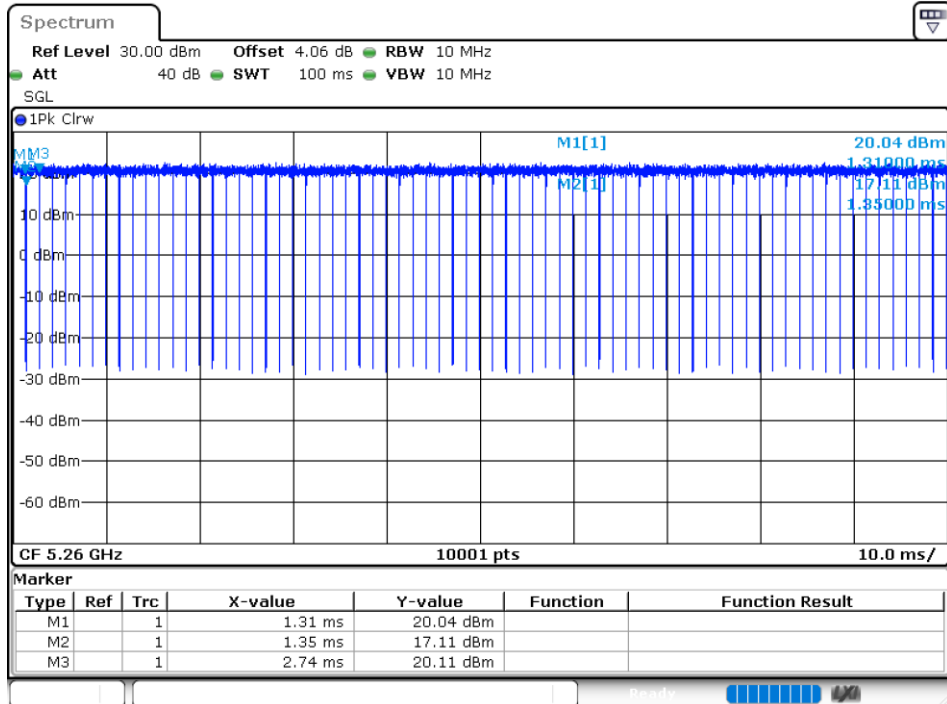
5.3G WIFI

Duty Cycle

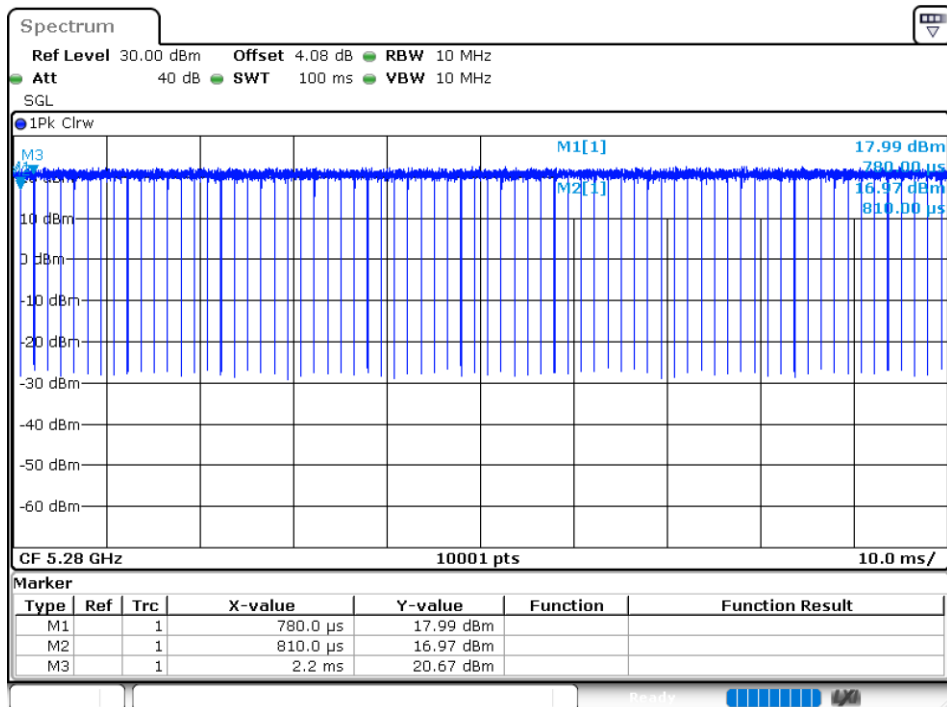
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	98.2	0.08	0.72
NVNT	a	5280	Ant1	98.2	0.08	0.72
NVNT	a	5320	Ant1	98.2	0.08	0.71
NVNT	n20	5260	Ant1	98.06	0.09	0.77
NVNT	n20	5280	Ant1	98.07	0.08	0.77
NVNT	n20	5320	Ant1	98.06	0.09	0.77
NVNT	n40	5270	Ant1	94.48	0.25	1.54
NVNT	n40	5310	Ant1	95.11	0.22	1.54
NVNT	ac20	5260	Ant1	98.07	0.08	0.76
NVNT	ac20	5280	Ant1	98.08	0.08	0.76
NVNT	ac20	5320	Ant1	98.05	0.09	0.76
NVNT	ac40	5270	Ant1	95.14	0.22	1.54
NVNT	ac40	5310	Ant1	95.3	0.21	1.54
NVNT	ac80	5290	Ant1	84.32	0.74	3.03

Test Graphs

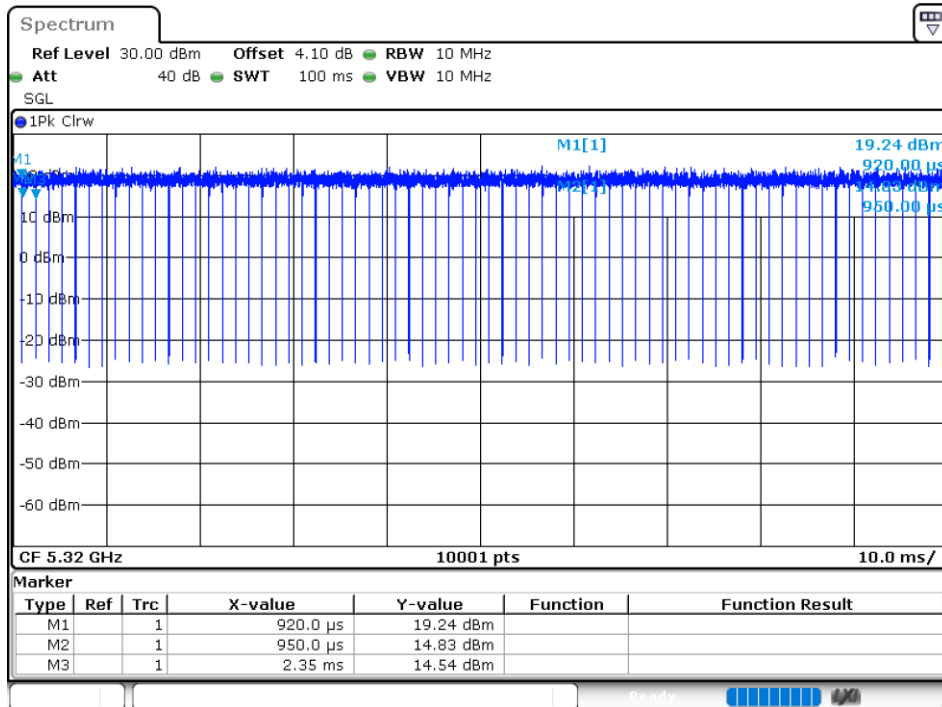
Duty Cycle NVNT a 5260MHz Ant1



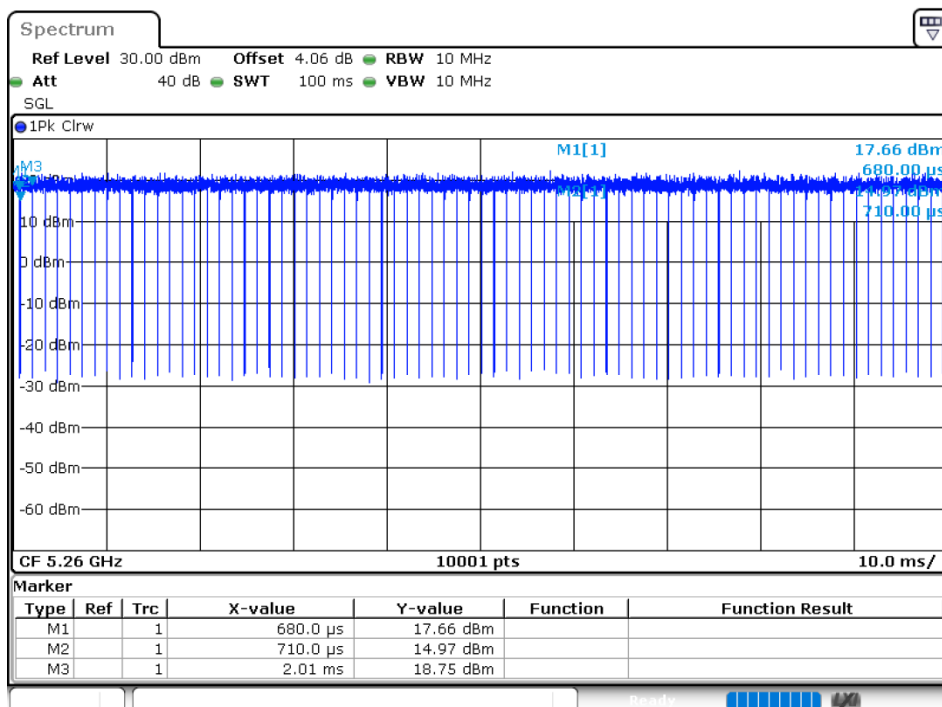
Duty Cycle NVNT a 5280MHz Ant1



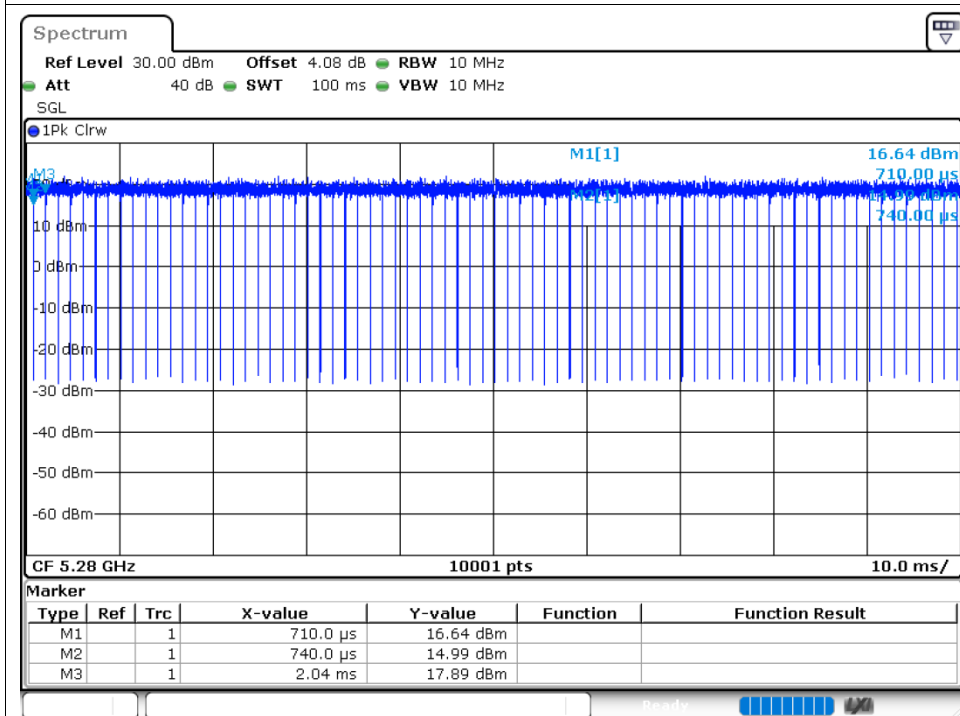
Duty Cycle NVNT a 5320MHz Ant1



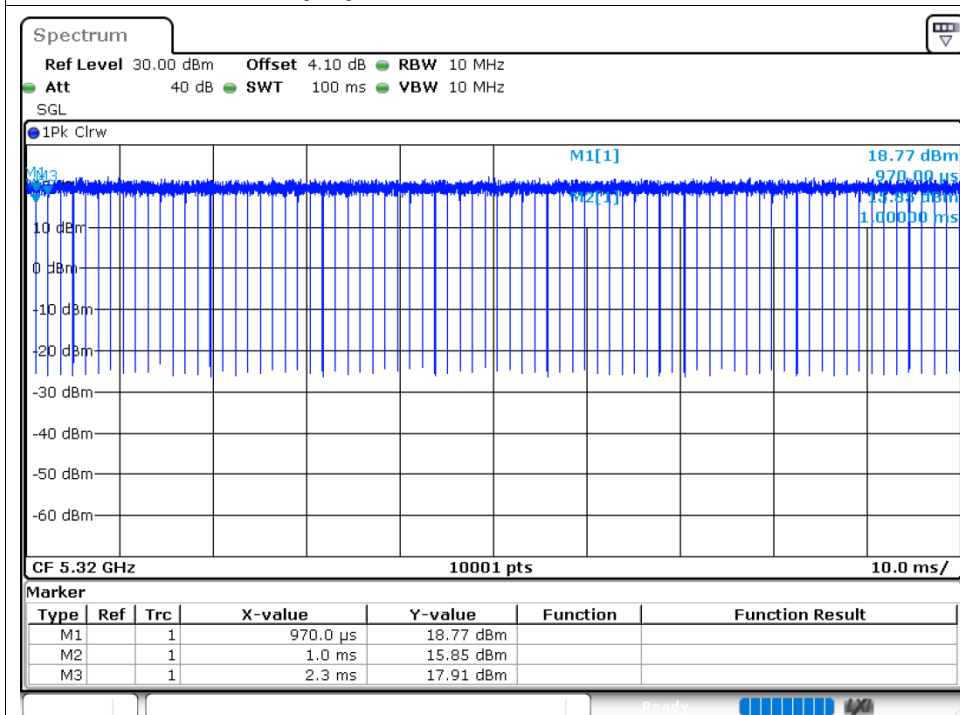
Duty Cycle NVNT n20 5260MHz Ant1



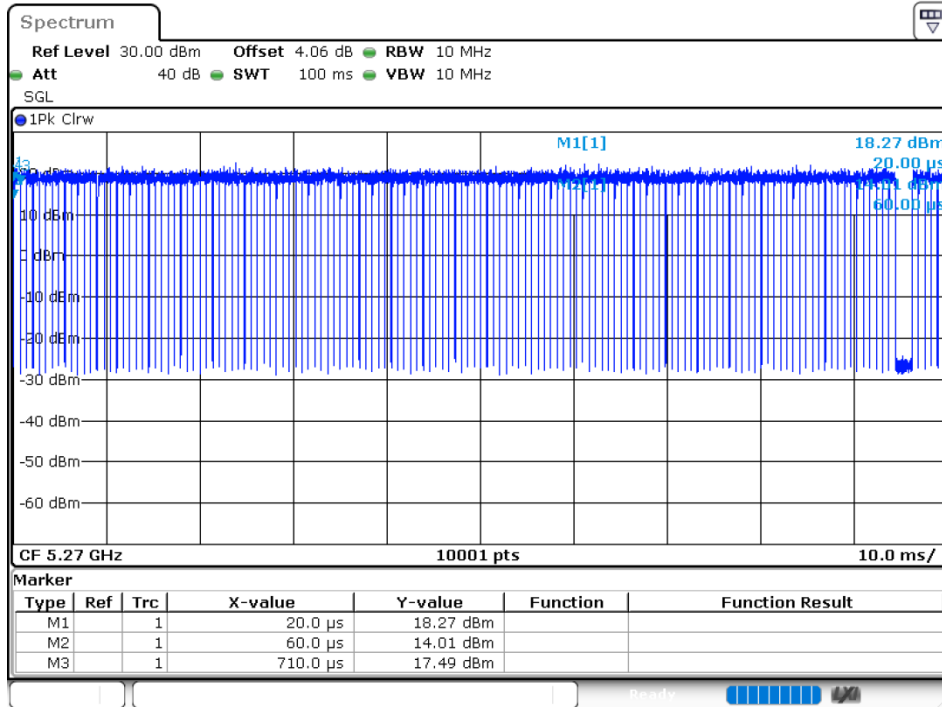
Duty Cycle NVNT n20 5280MHz Ant1



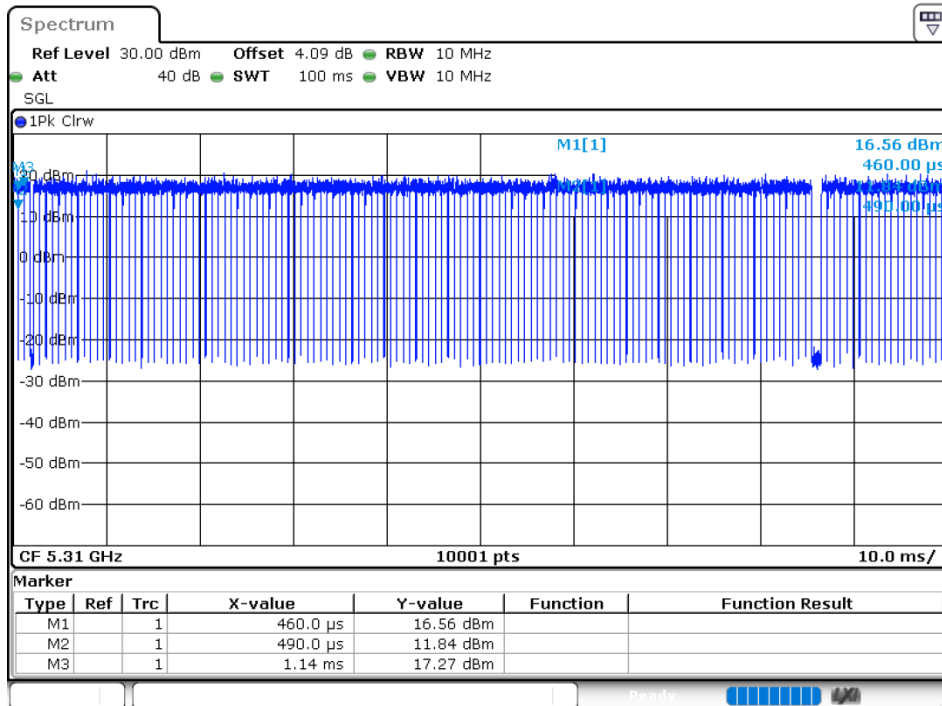
Duty Cycle NVNT n20 5320MHz Ant1



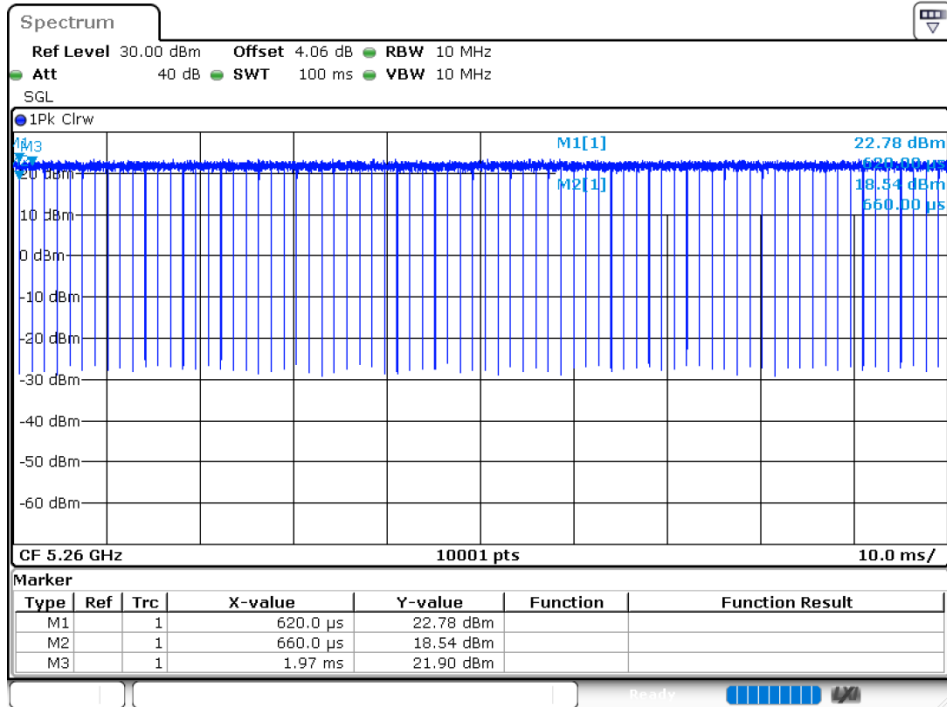
Duty Cycle NVNT n40 5270MHz Ant1



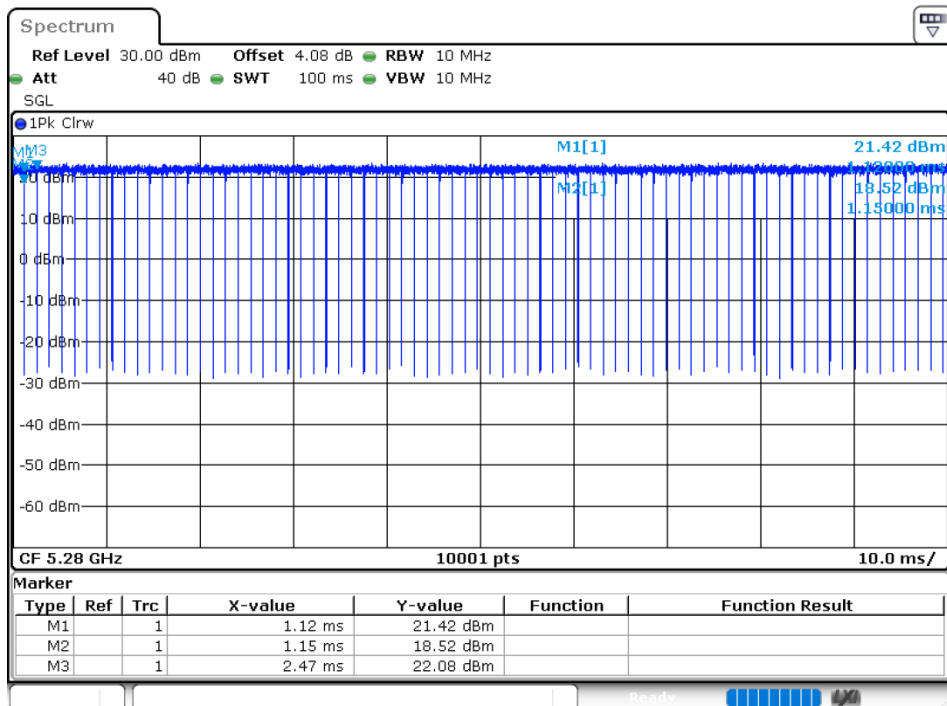
Duty Cycle NVNT n40 5310MHz Ant1



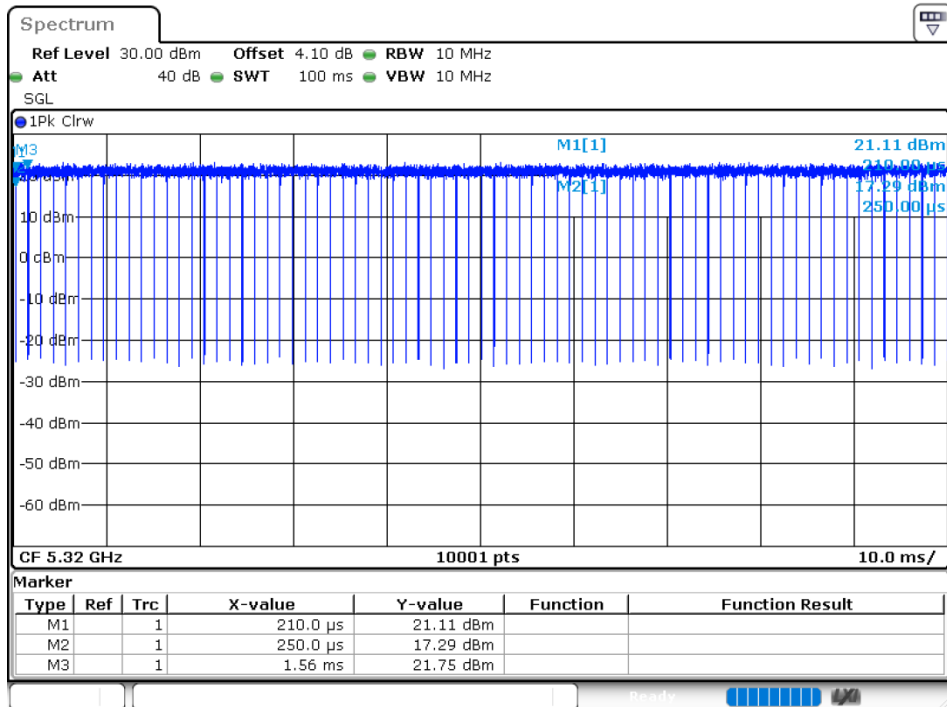
Duty Cycle NVNT ac20 5260MHz Ant1



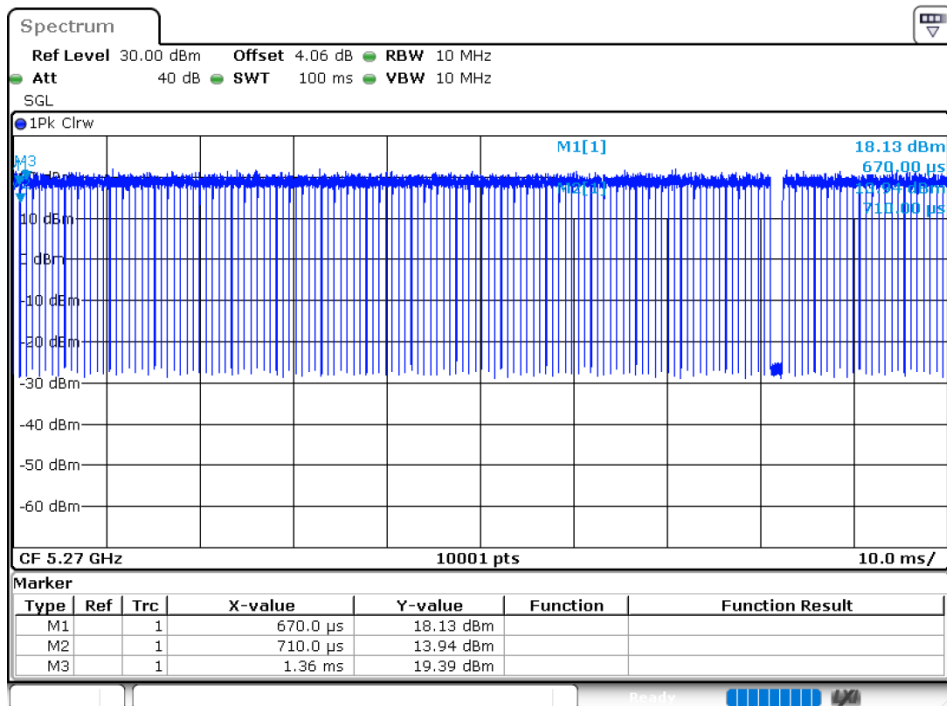
Duty Cycle NVNT ac20 5280MHz Ant1



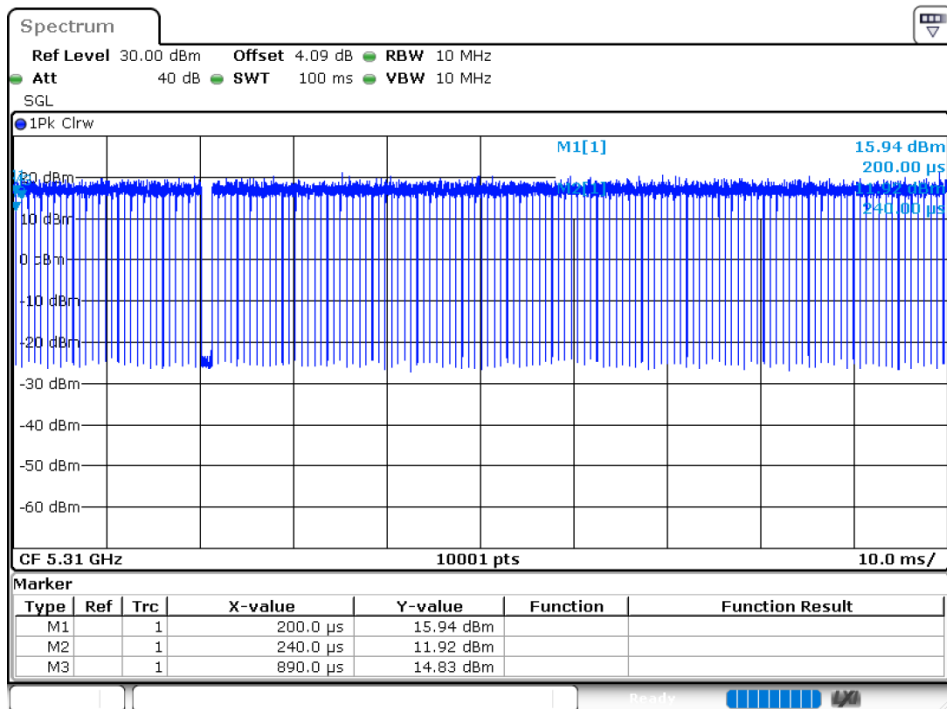
Duty Cycle NVNT ac20 5320MHz Ant1



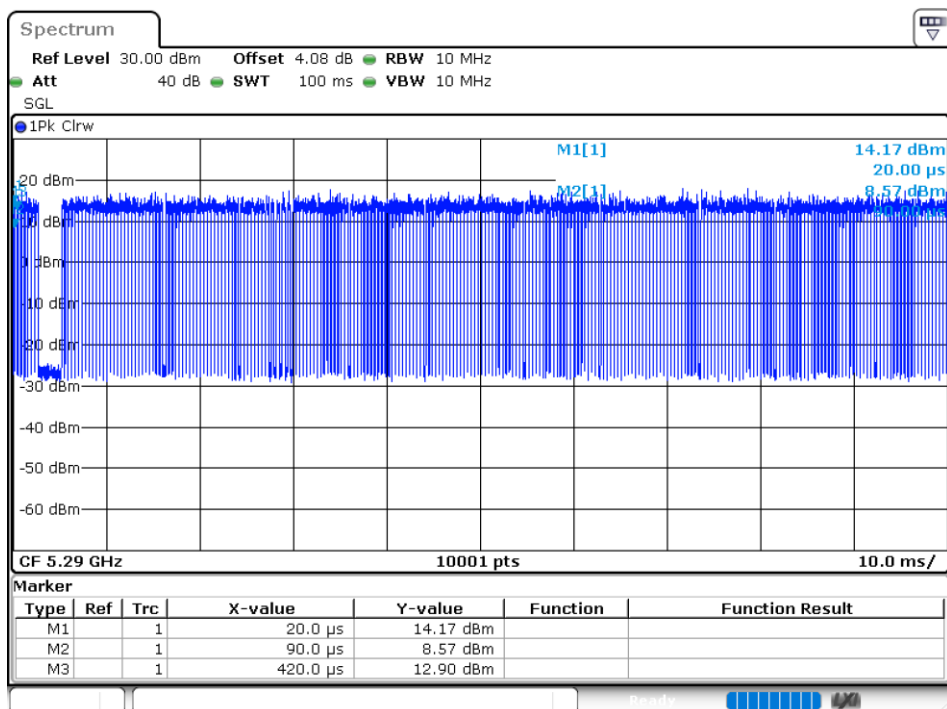
Duty Cycle NVNT ac40 5270MHz Ant1



Duty Cycle NVNT ac40 5310MHz Ant1



Duty Cycle NVNT ac80 5290MHz Ant1



Maximum Conducted Output Power

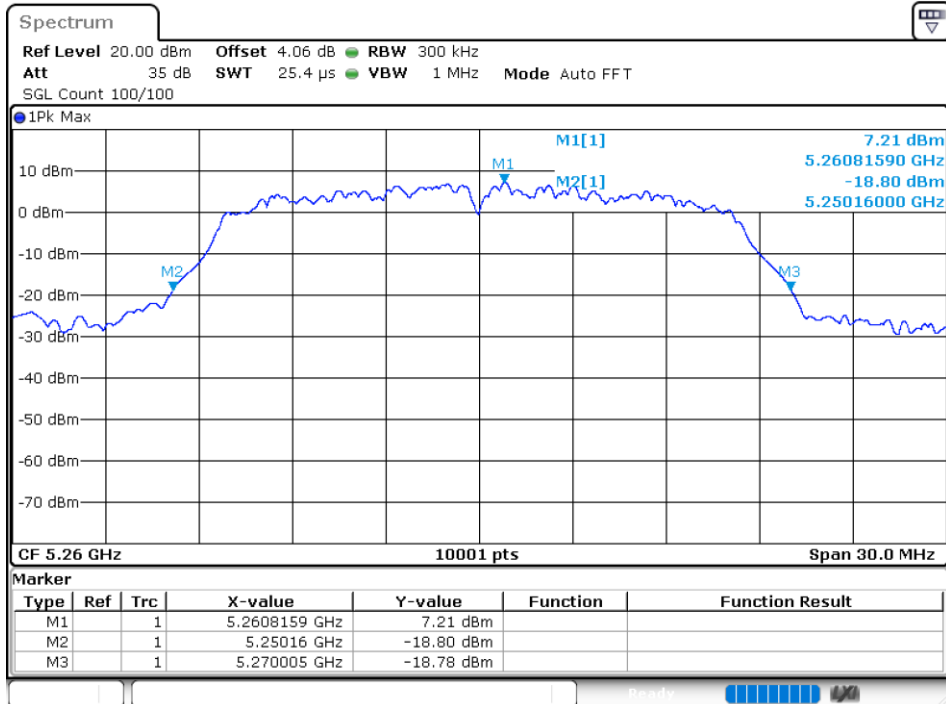
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	16.34	23.98	Pass
NVNT	a	5280	Ant1	16.55	23.98	Pass
NVNT	a	5320	Ant1	14.70	23.94	Pass
NVNT	n20	5260	Ant1	16.22	24	Pass
NVNT	n20	5280	Ant1	16.57	24	Pass
NVNT	n20	5320	Ant1	15.51	24	Pass
NVNT	n40	5270	Ant1	16.10	24	Pass
NVNT	n40	5310	Ant1	14.13	24	Pass
NVNT	ac20	5260	Ant1	16.38	24	Pass
NVNT	ac20	5280	Ant1	16.49	24	Pass
NVNT	ac20	5320	Ant1	15.58	24	Pass
NVNT	ac40	5270	Ant1	16.48	24	Pass
NVNT	ac40	5310	Ant1	14.56	24	Pass
NVNT	ac80	5290	Ant1	13.63	24	Pass

-26dB Bandwidth

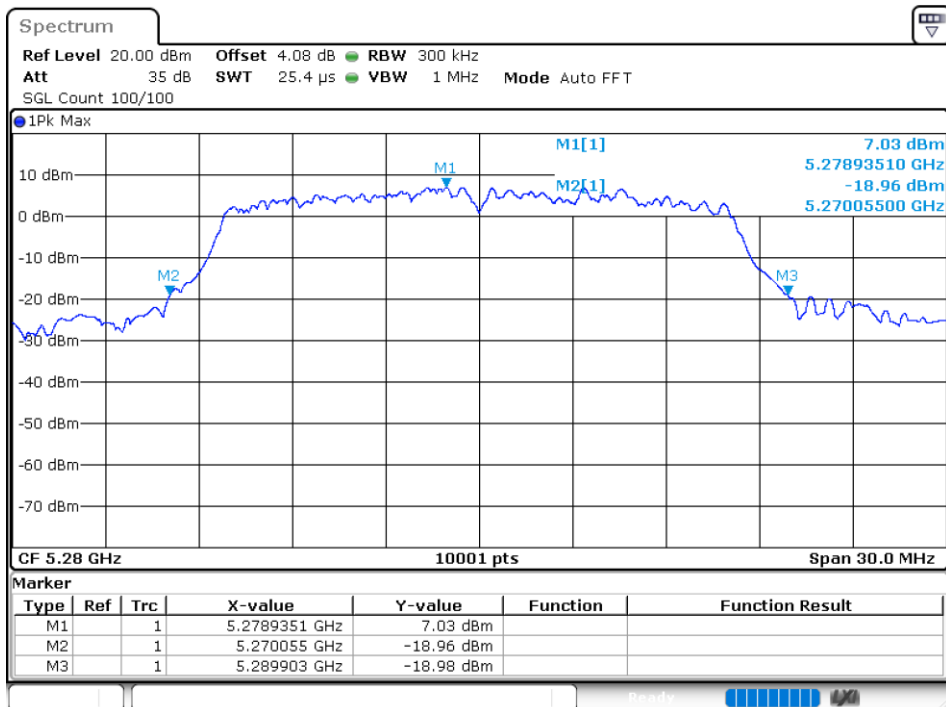
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	19.845	Pass
NVNT	a	5280	Ant1	19.848	Pass
NVNT	a	5320	Ant1	19.695	Pass
NVNT	n20	5260	Ant1	20.025	Pass
NVNT	n20	5280	Ant1	19.989	Pass
NVNT	n20	5320	Ant1	20.19	Pass
NVNT	n40	5270	Ant1	59.094	Pass
NVNT	n40	5310	Ant1	40.668	Pass
NVNT	ac20	5260	Ant1	20.235	Pass
NVNT	ac20	5280	Ant1	22.929	Pass
NVNT	ac20	5320	Ant1	20.01	Pass
NVNT	ac40	5270	Ant1	41.148	Pass
NVNT	ac40	5310	Ant1	40.812	Pass
NVNT	ac80	5290	Ant1	83.736	Pass

Test Graphs

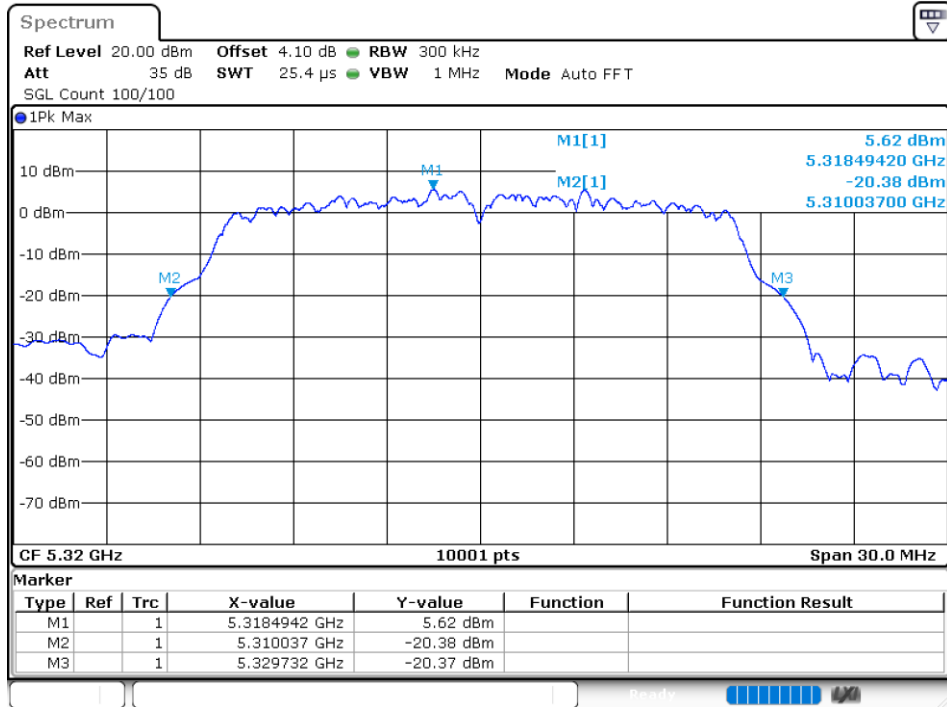
-26dB Bandwidth NVNT a 5260MHz Ant1



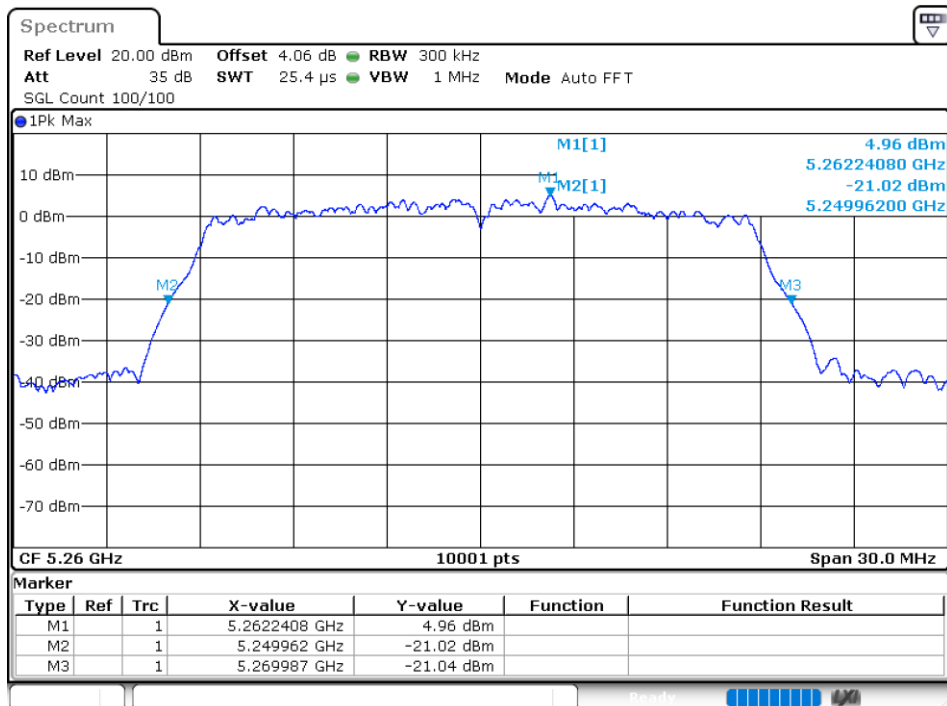
-26dB Bandwidth NVNT a 5280MHz Ant1



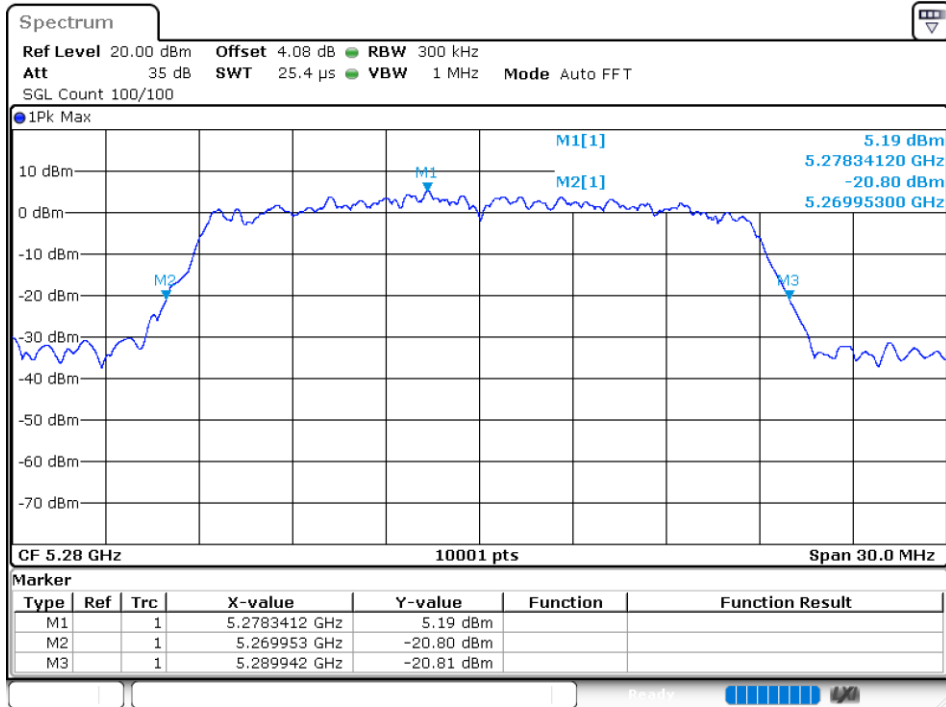
-26dB Bandwidth NVNT a 5320MHz Ant1



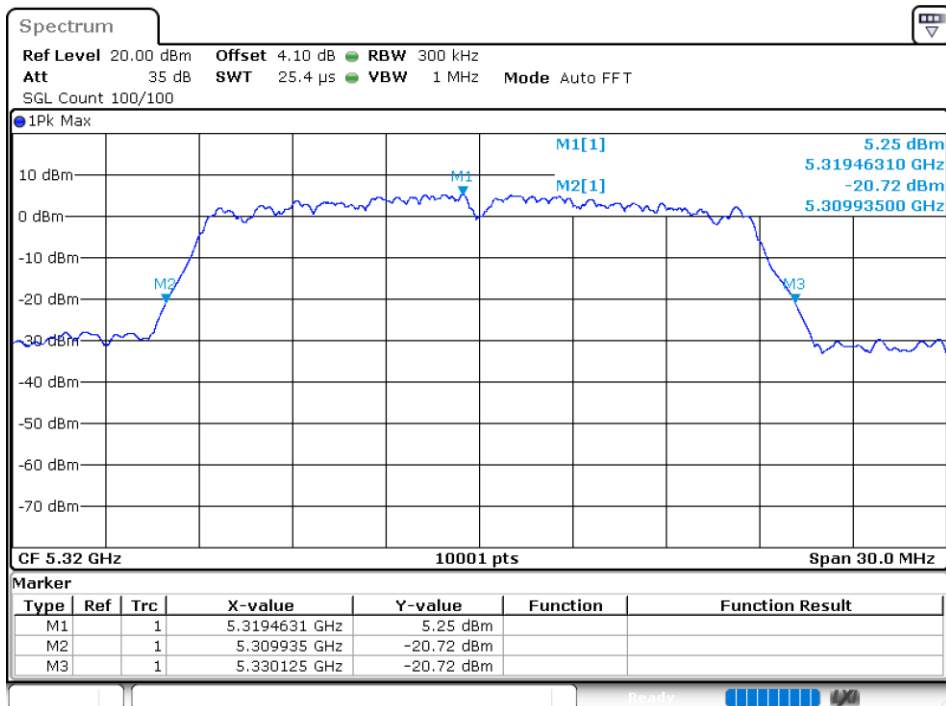
-26dB Bandwidth NVNT n20 5260MHz Ant1



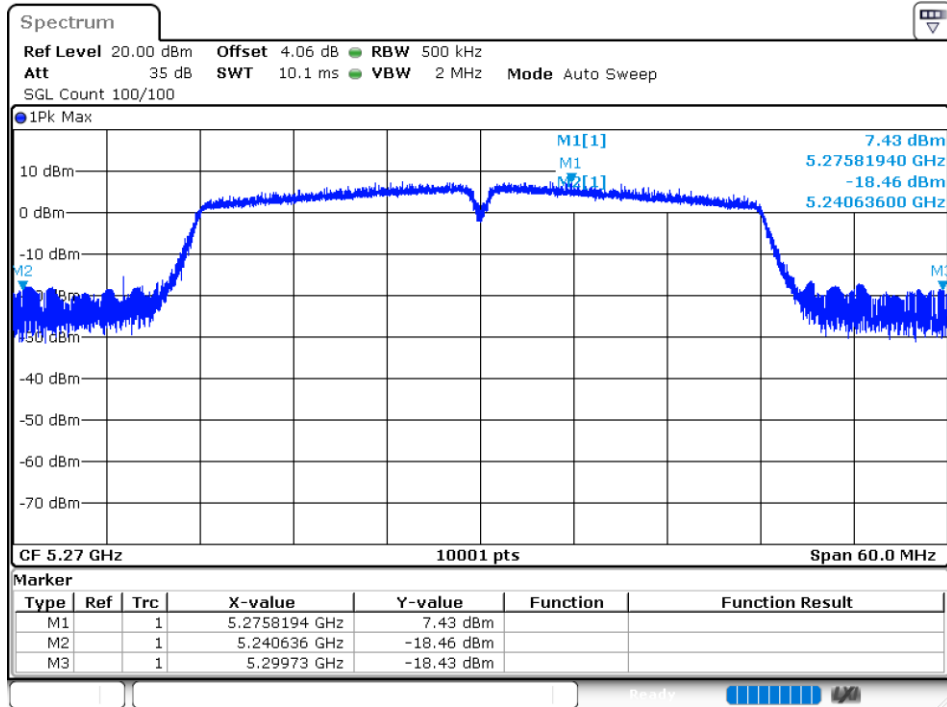
-26dB Bandwidth NVNT n20 5280MHz Ant1



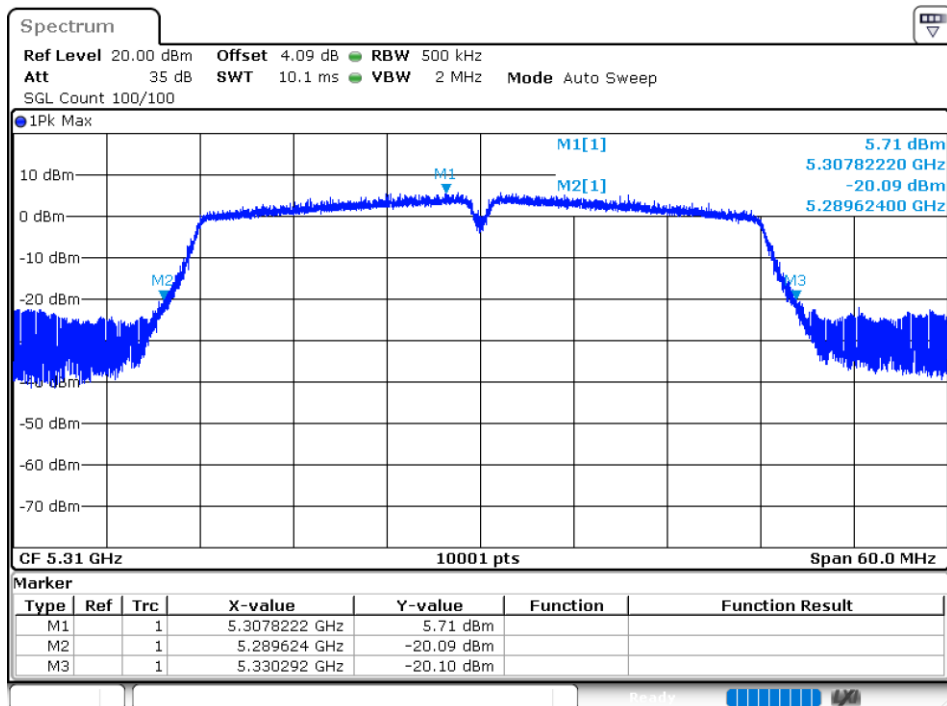
-26dB Bandwidth NVNT n20 5320MHz Ant1



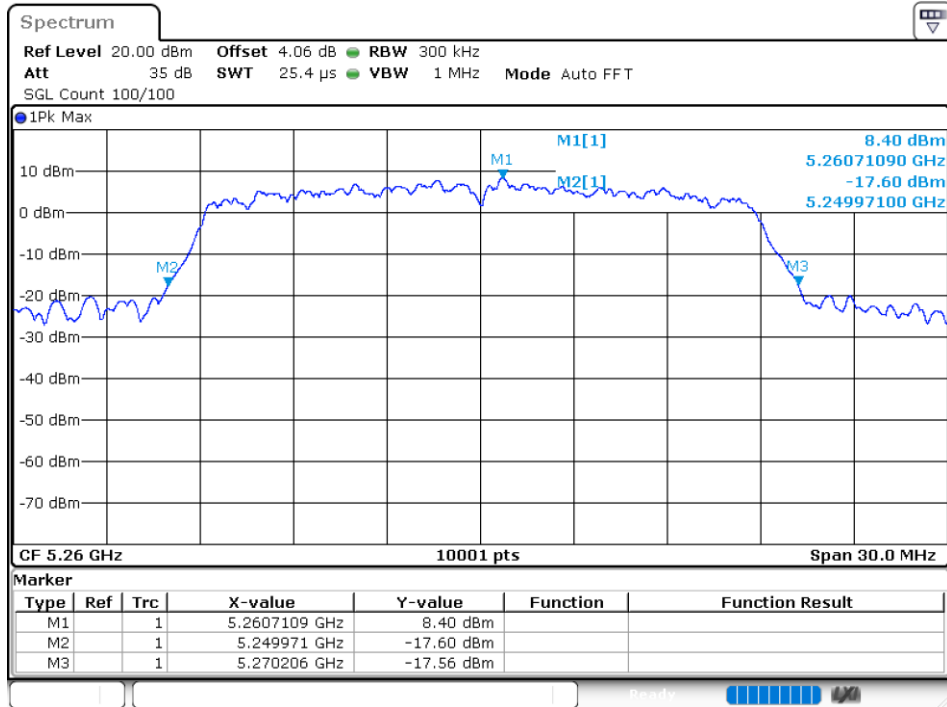
-26dB Bandwidth NVNT n40 5270MHz Ant1



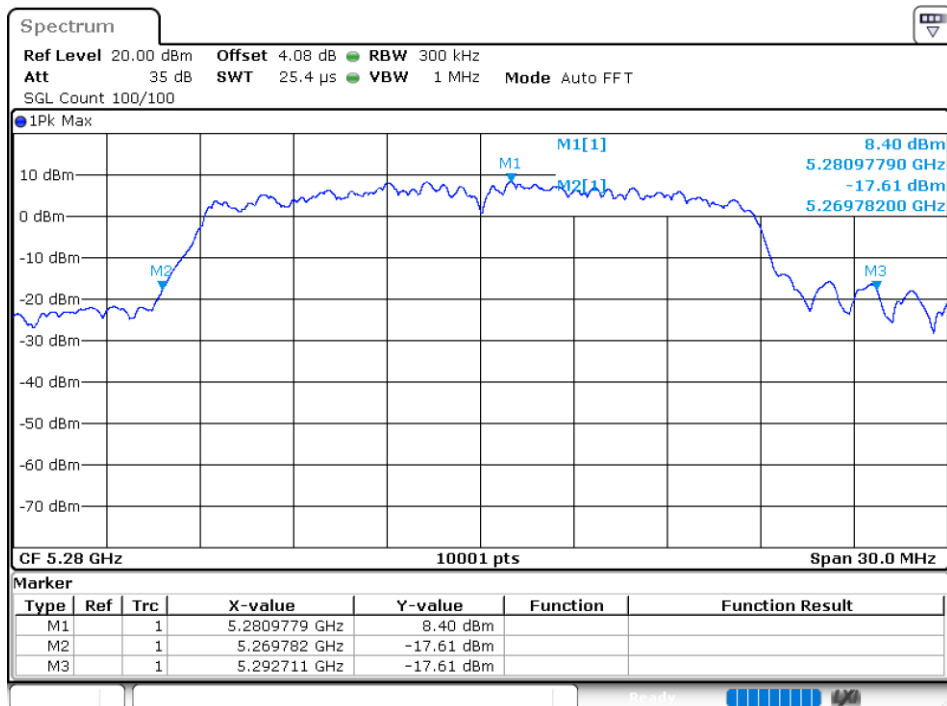
-26dB Bandwidth NVNT n40 5310MHz Ant1



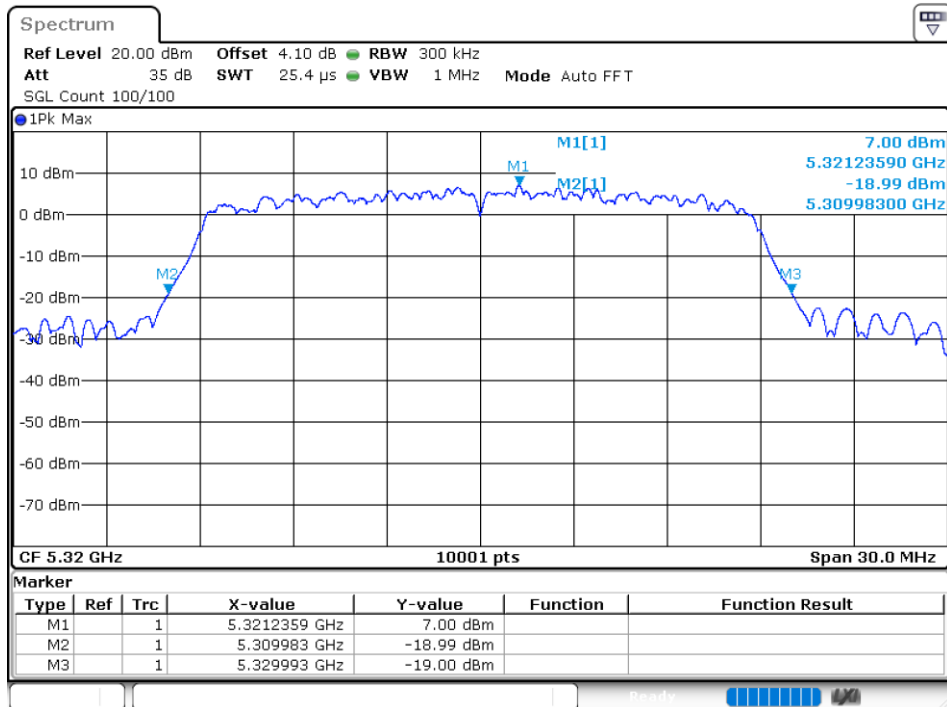
-26dB Bandwidth NVNT ac20 5260MHz Ant1



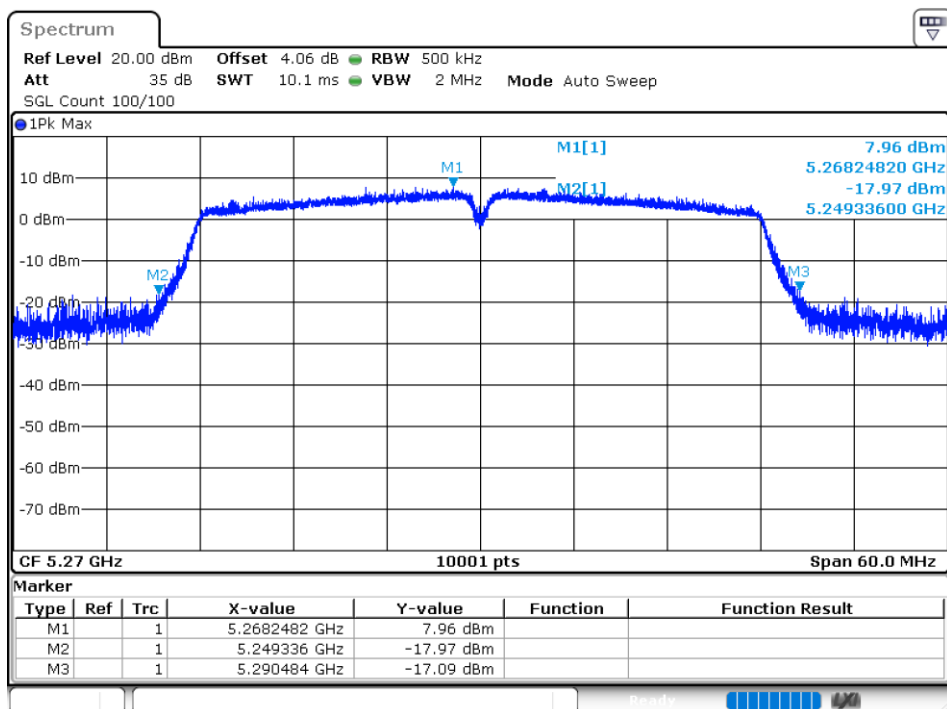
-26dB Bandwidth NVNT ac20 5280MHz Ant1



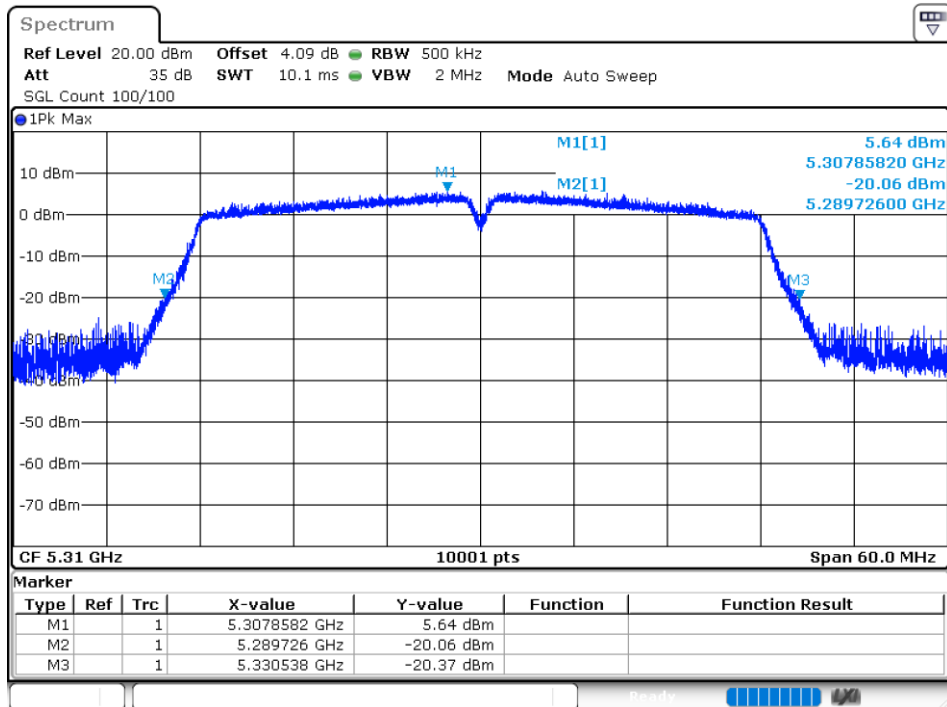
-26dB Bandwidth NVNT ac20 5320MHz Ant1



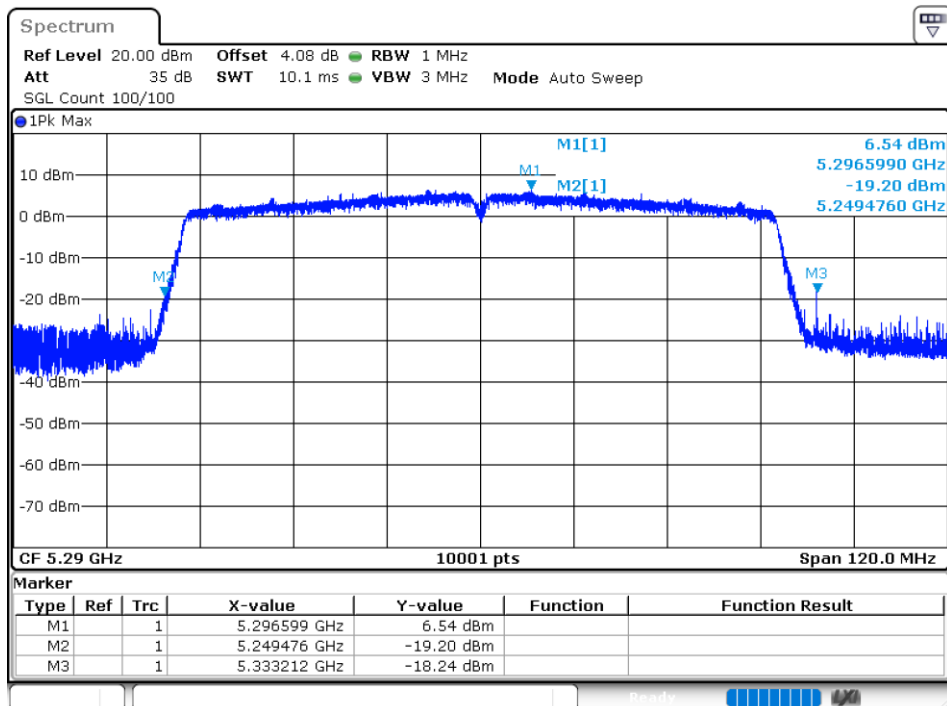
-26dB Bandwidth NVNT ac40 5270MHz Ant1



-26dB Bandwidth NVNT ac40 5310MHz Ant1



-26dB Bandwidth NVNT ac80 5290MHz Ant1

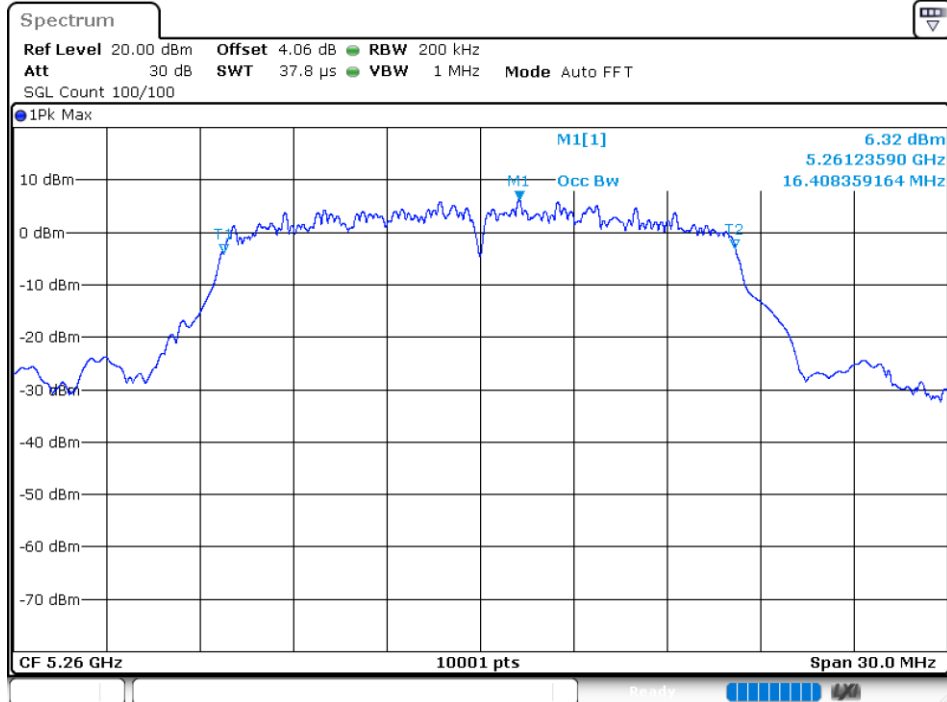


Occupied Channel Bandwidth

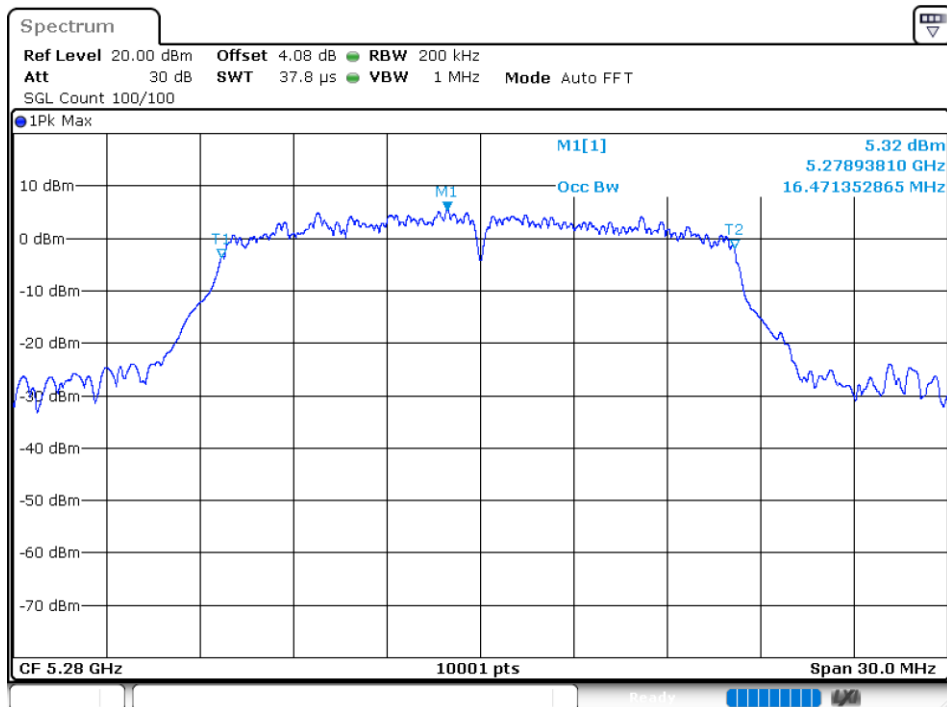
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.408
NVNT	a	5280	Ant1	16.471
NVNT	a	5320	Ant1	16.336
NVNT	n20	5260	Ant1	17.521
NVNT	n20	5280	Ant1	17.563
NVNT	n20	5320	Ant1	17.521
NVNT	n40	5270	Ant1	36.086
NVNT	n40	5310	Ant1	36.05
NVNT	ac20	5260	Ant1	17.689
NVNT	ac20	5280	Ant1	17.584
NVNT	ac20	5320	Ant1	17.614
NVNT	ac40	5270	Ant1	36.08
NVNT	ac40	5310	Ant1	36.002
NVNT	ac80	5290	Ant1	75.16

Test Graphs

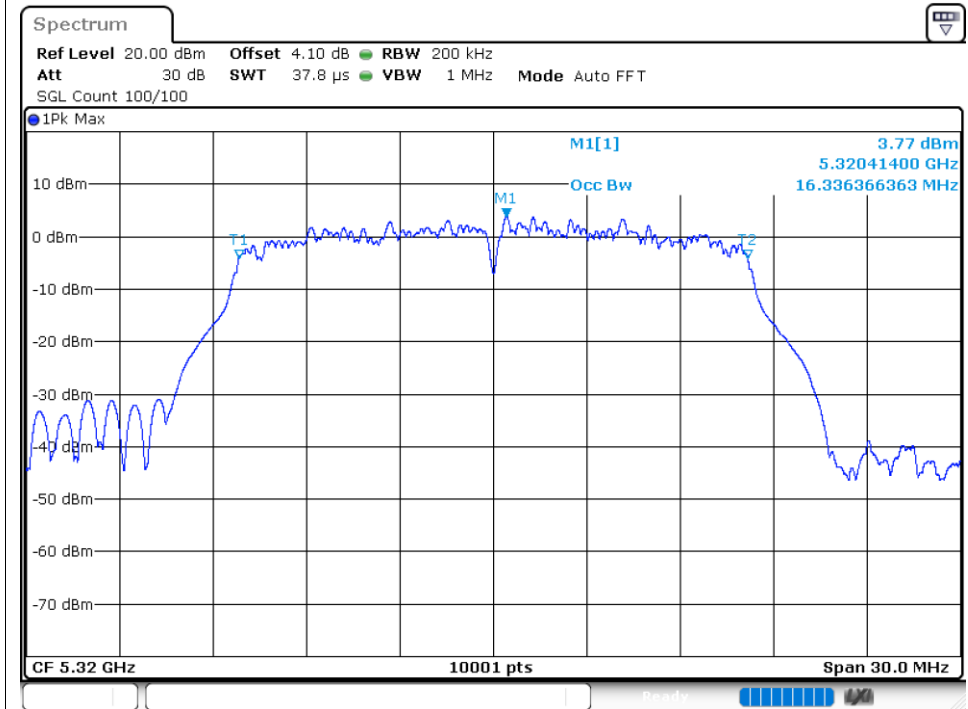
OBW NVNT a 5260MHz Ant1



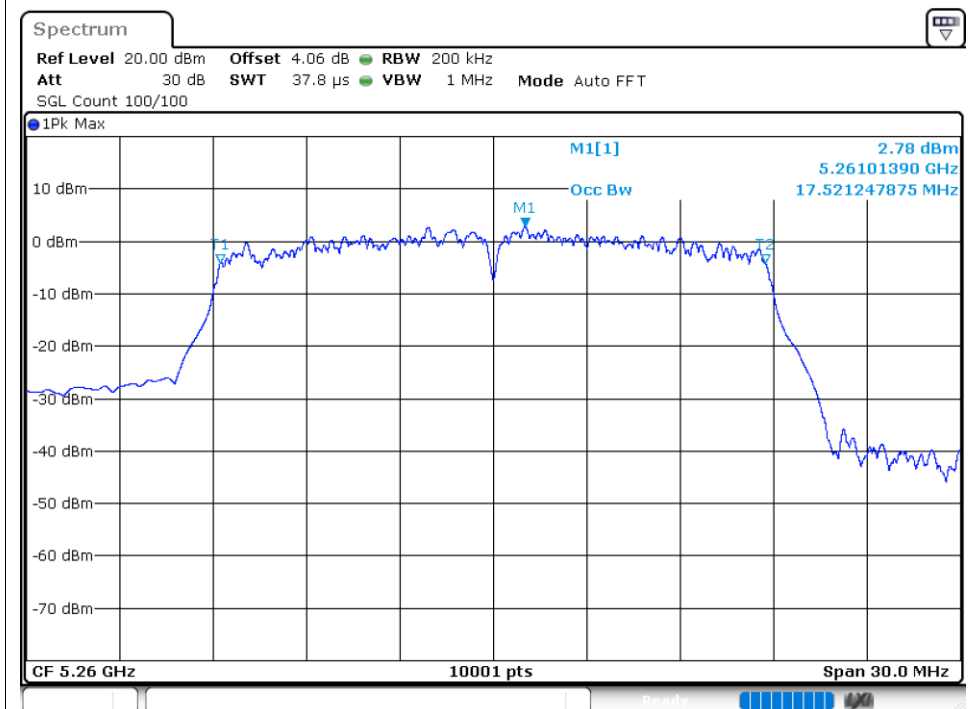
OBW NVNT a 5280MHz Ant1



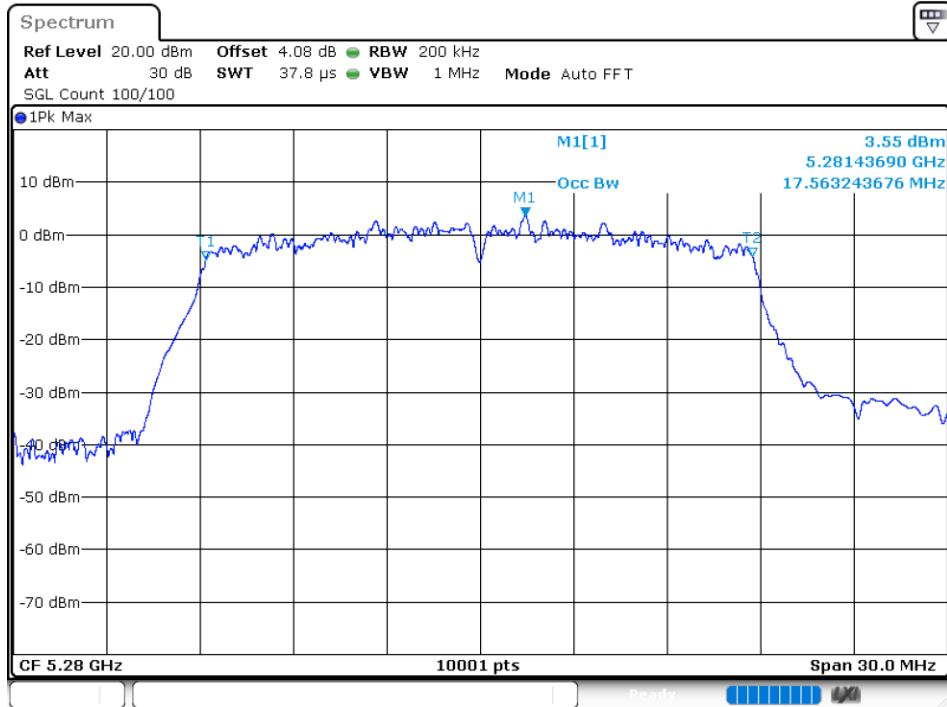
OBW NVNT a 5320MHz Ant1



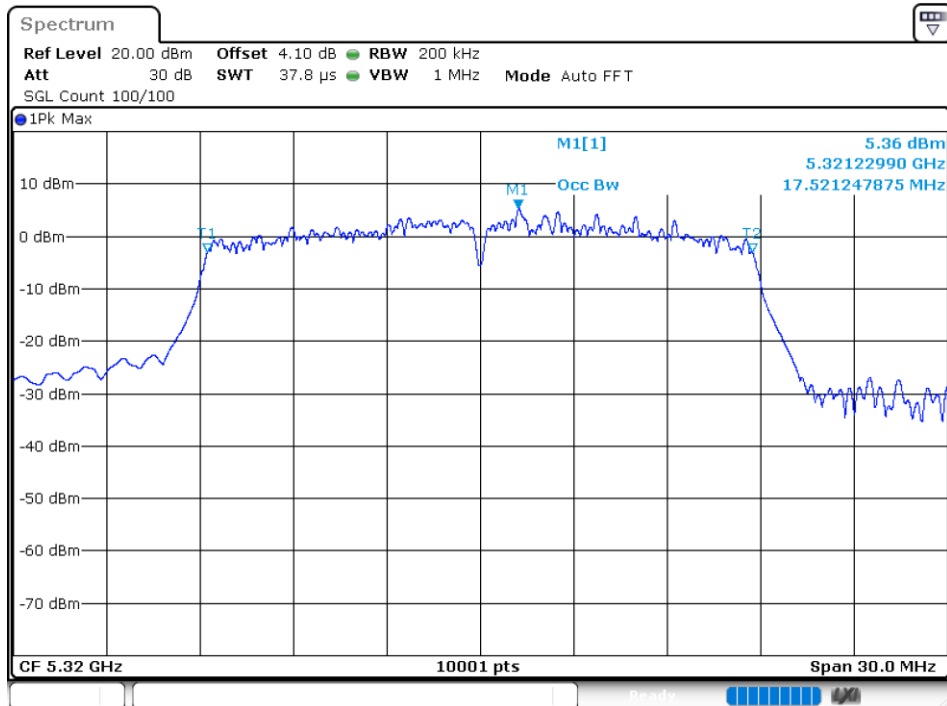
OBW NVNT n20 5260MHz Ant1



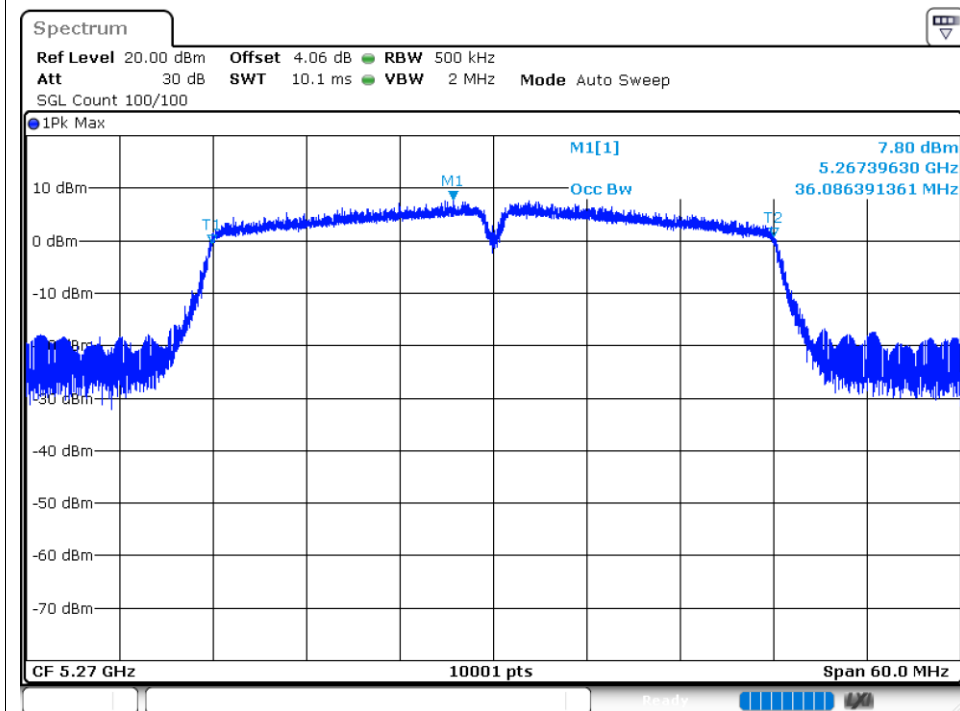
OBW NVNT n20 5280MHz Ant1



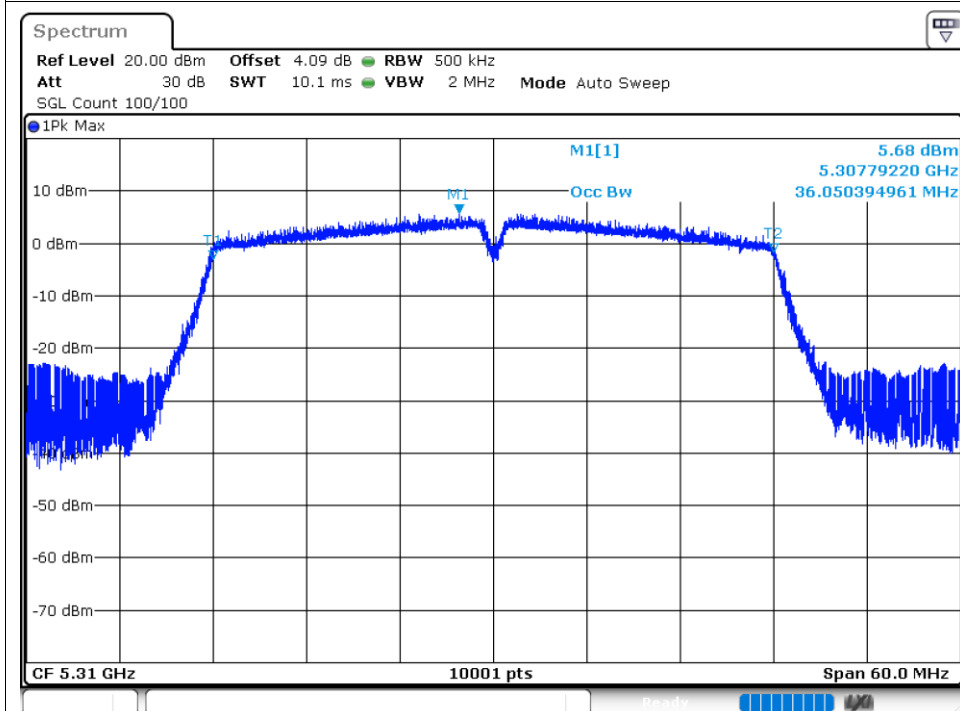
OBW NVNT n20 5320MHz Ant1



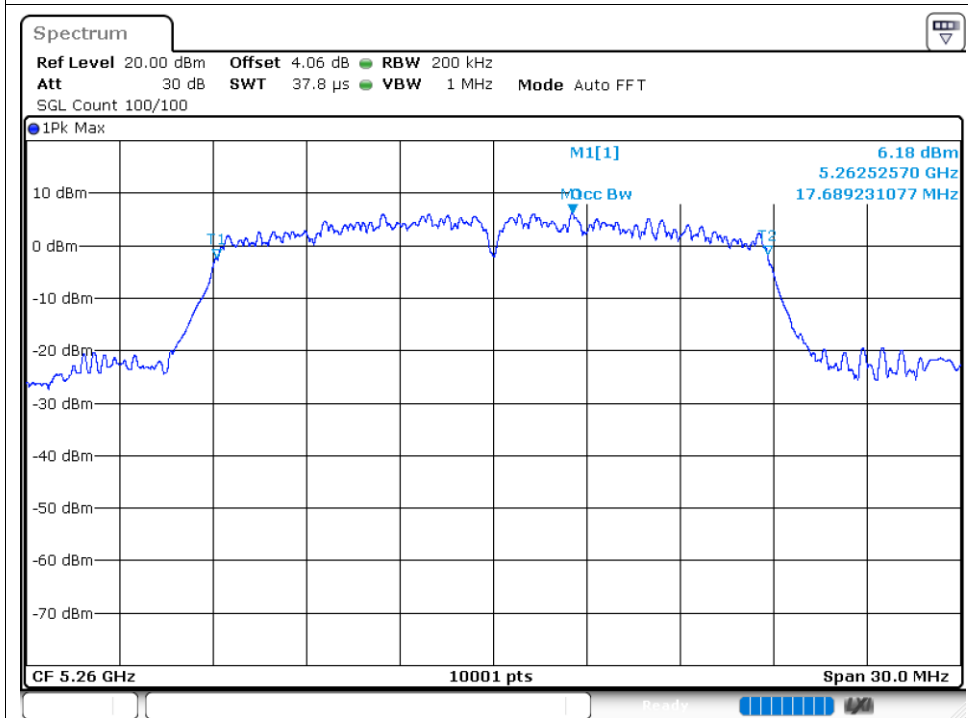
OBW NVNT n40 5270MHz Ant1



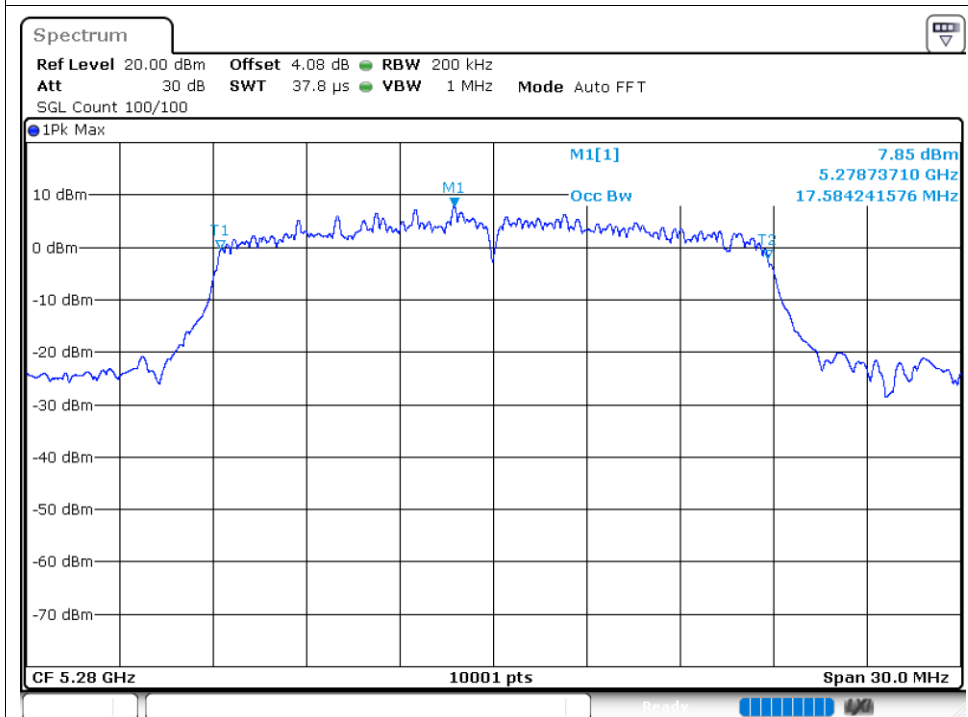
OBW NVNT n40 5310MHz Ant1



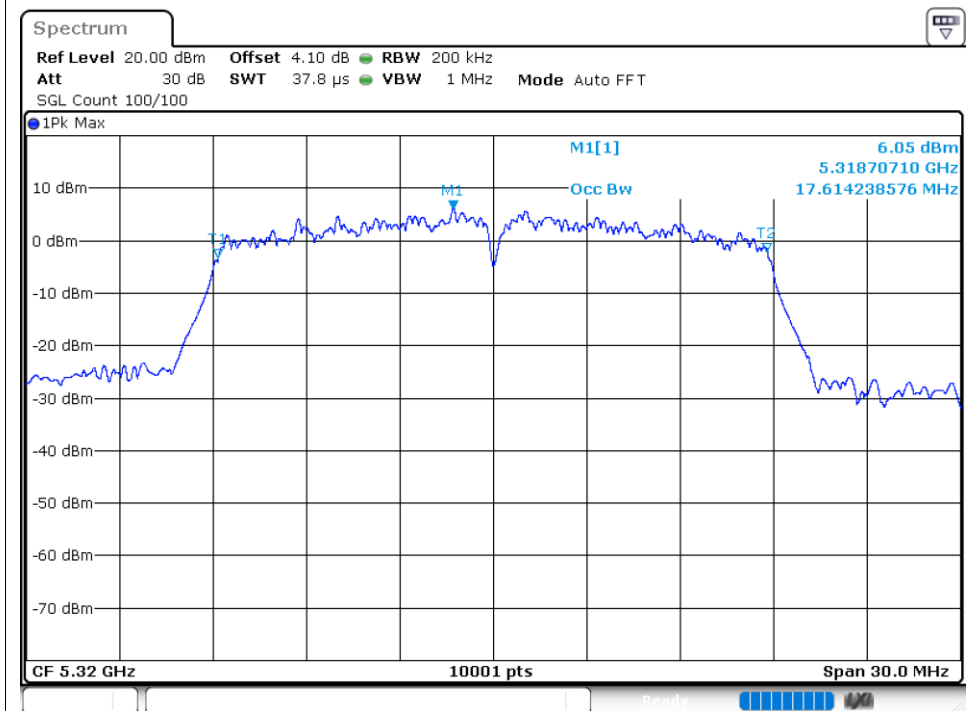
OBW NVNT ac20 5260MHz Ant1



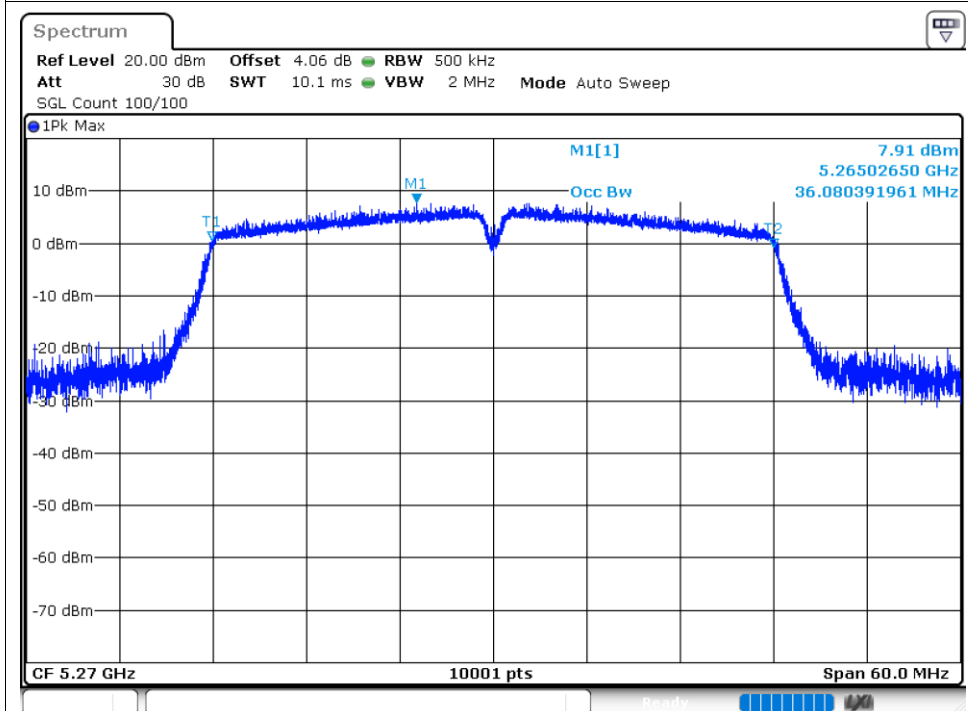
OBW NVNT ac20 5280MHz Ant1



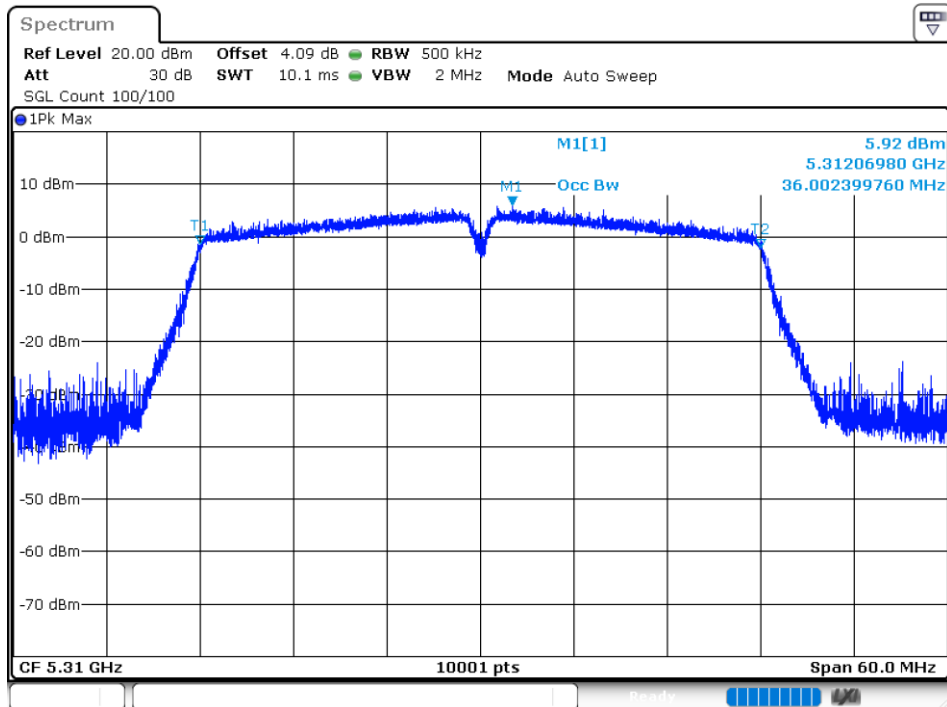
OBW NVNT ac20 5320MHz Ant1



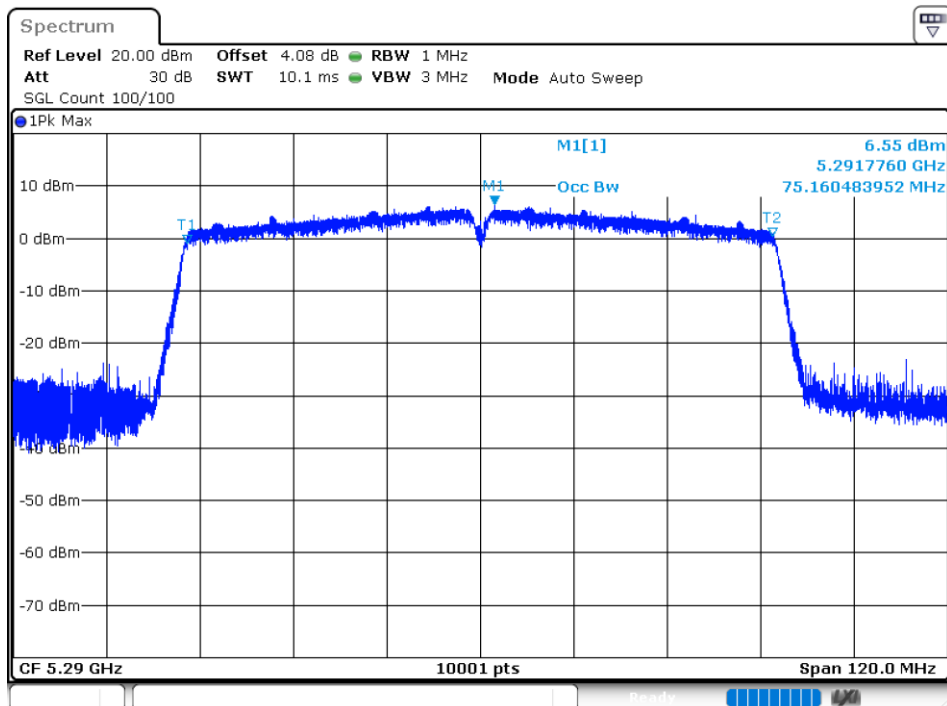
OBW NVNT ac40 5270MHz Ant1



OBW NVNT ac40 5310MHz Ant1



OBW NVNT ac80 5290MHz Ant1

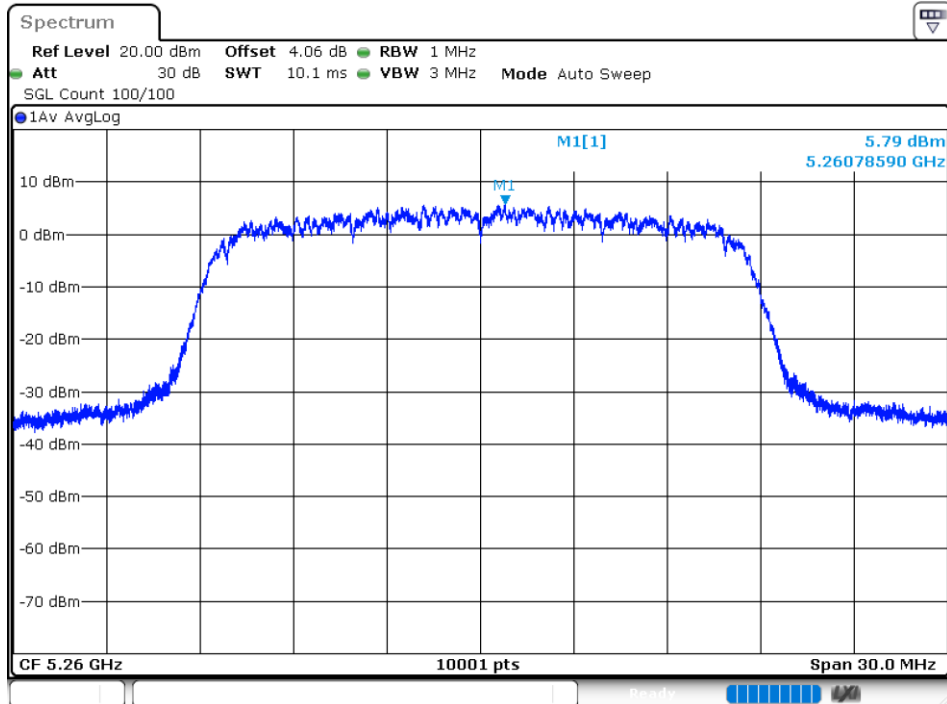


Maximum Power Spectral Density Level

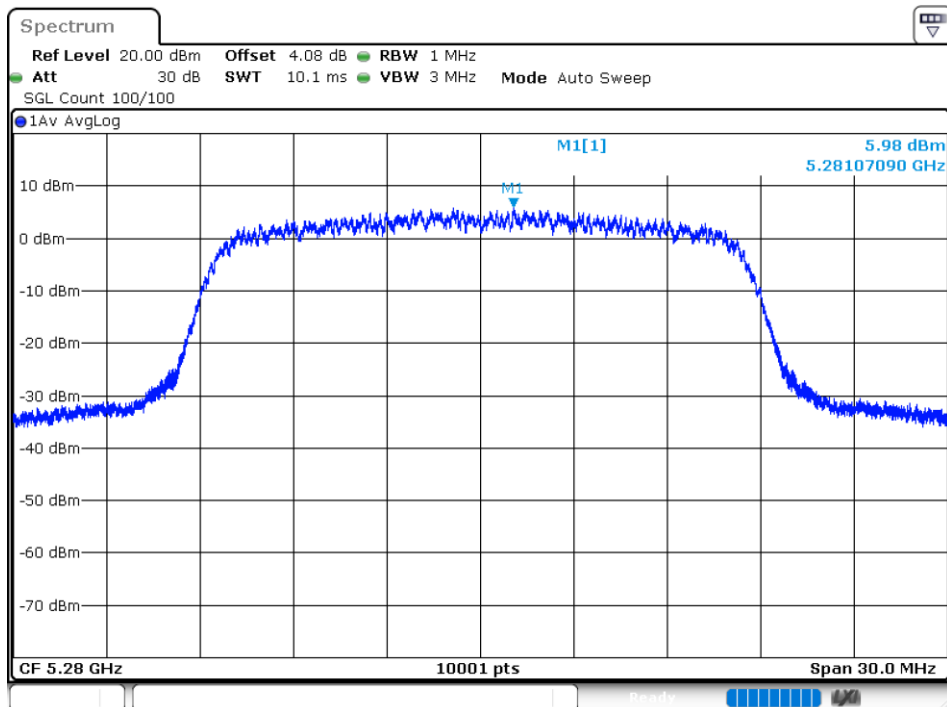
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	5.79	0.11	5.9	11	Pass
NVNT	a	5280	Ant1	5.98	0.08	6.06	11	Pass
NVNT	a	5320	Ant1	4.95	0.08	5.03	11	Pass
NVNT	n20	5260	Ant1	5.67	0.09	5.75	11	Pass
NVNT	n20	5280	Ant1	5.68	0.08	5.77	11	Pass
NVNT	n20	5320	Ant1	4.67	0.09	4.75	11	Pass
NVNT	n40	5270	Ant1	0.38	0.25	0.63	11	Pass
NVNT	n40	5310	Ant1	-0.93	0.22	-0.71	11	Pass
NVNT	ac20	5260	Ant1	5.36	0.08	5.44	11	Pass
NVNT	ac20	5280	Ant1	5.53	0.08	5.61	11	Pass
NVNT	ac20	5320	Ant1	4.5	0.09	4.59	11	Pass
NVNT	ac40	5270	Ant1	0.5	0.22	0.72	11	Pass
NVNT	ac40	5310	Ant1	-1.44	0.21	-1.23	11	Pass
NVNT	ac80	5290	Ant1	-6.56	0.74	-5.82	11	Pass

Test Graphs

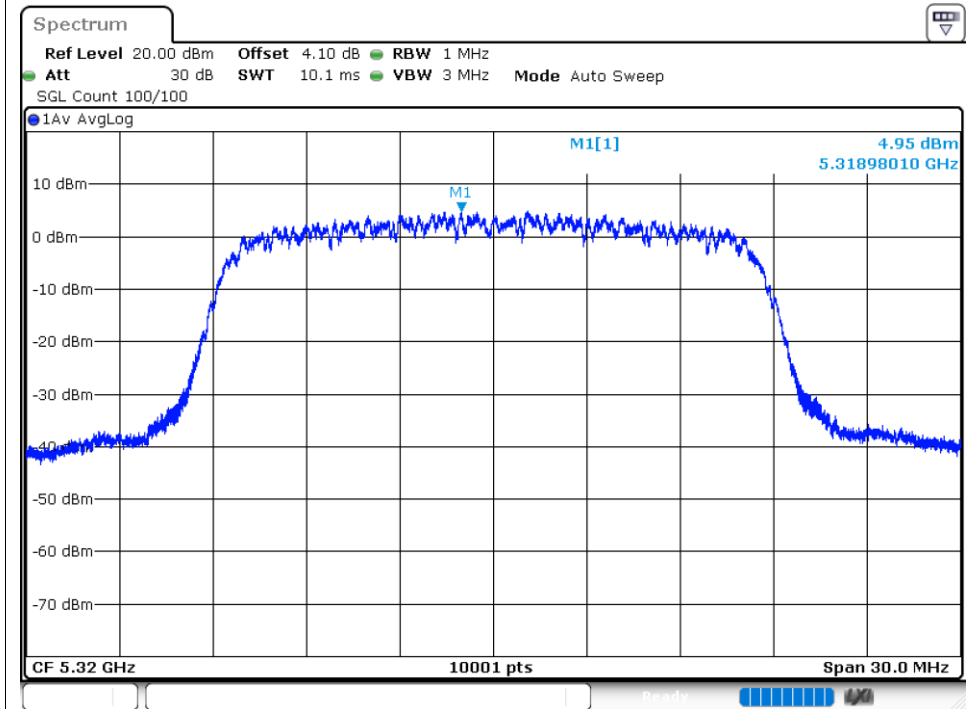
PSD NVNT a 5260MHz Ant1



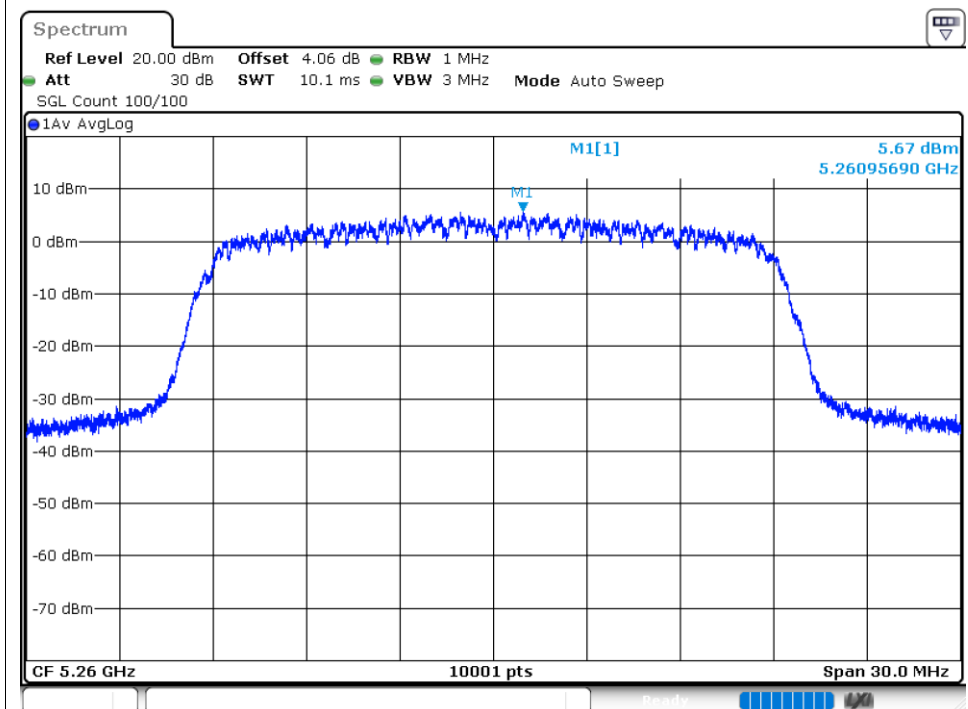
PSD NVNT a 5280MHz Ant1



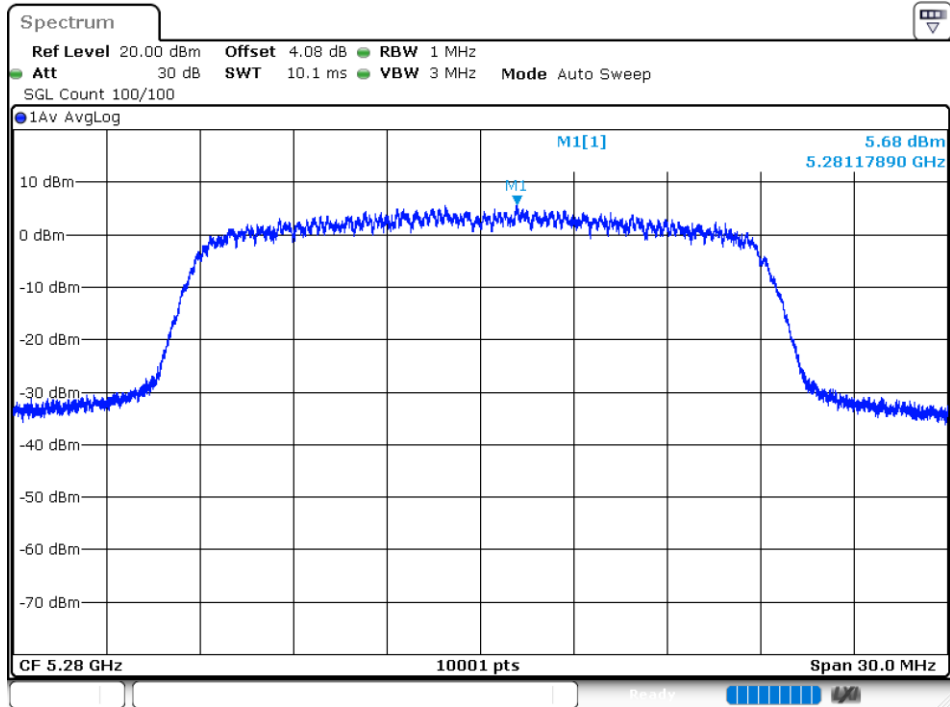
PSD NVNT a 5320MHz Ant1



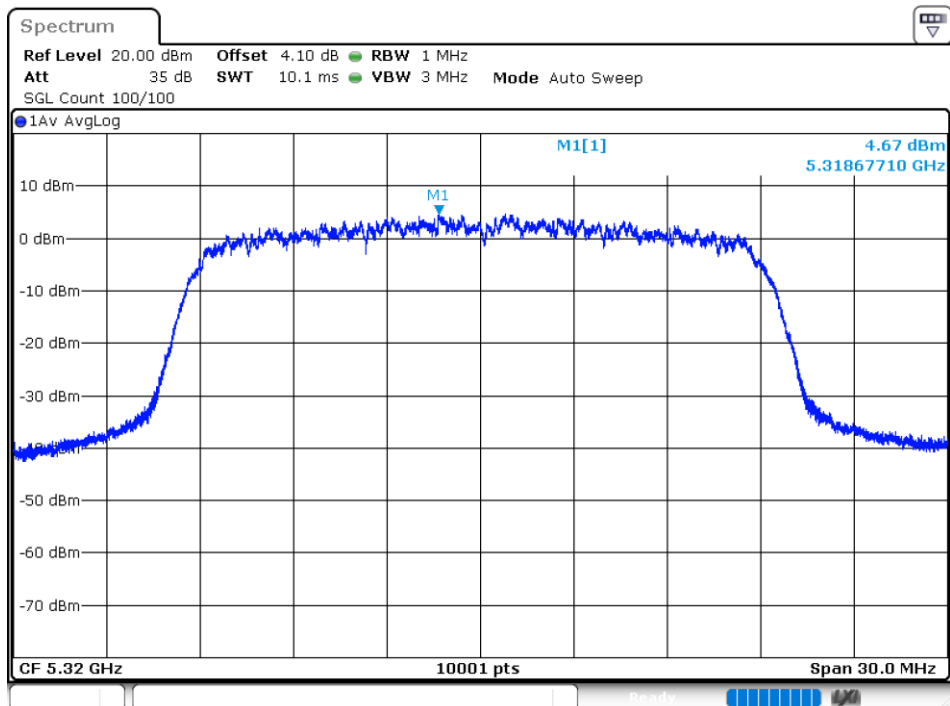
PSD NVNT n20 5260MHz Ant1



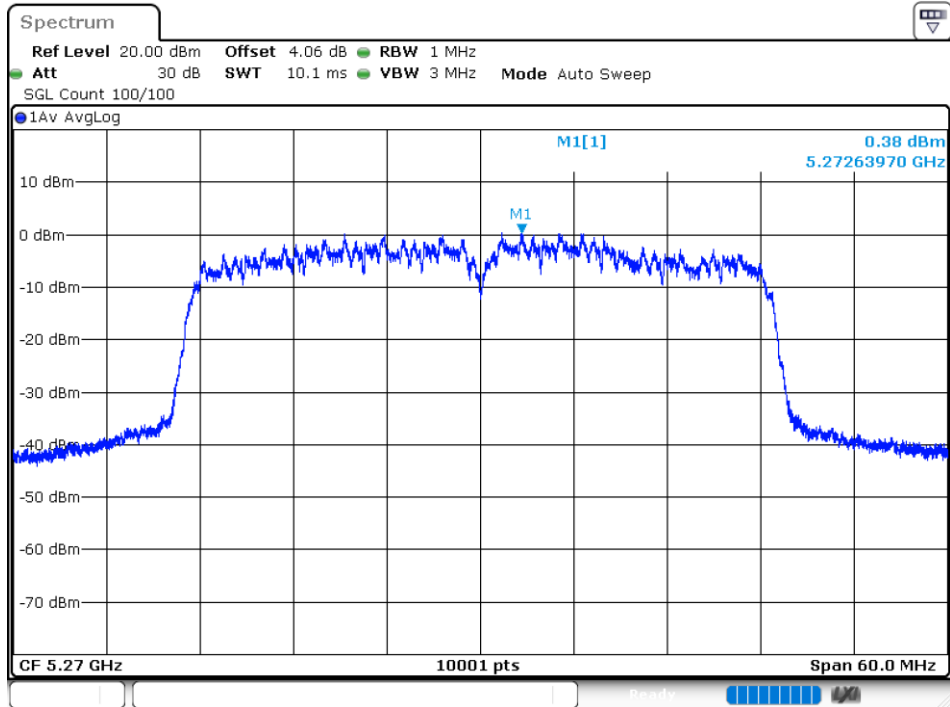
PSD NVNT n20 5280MHz Ant1



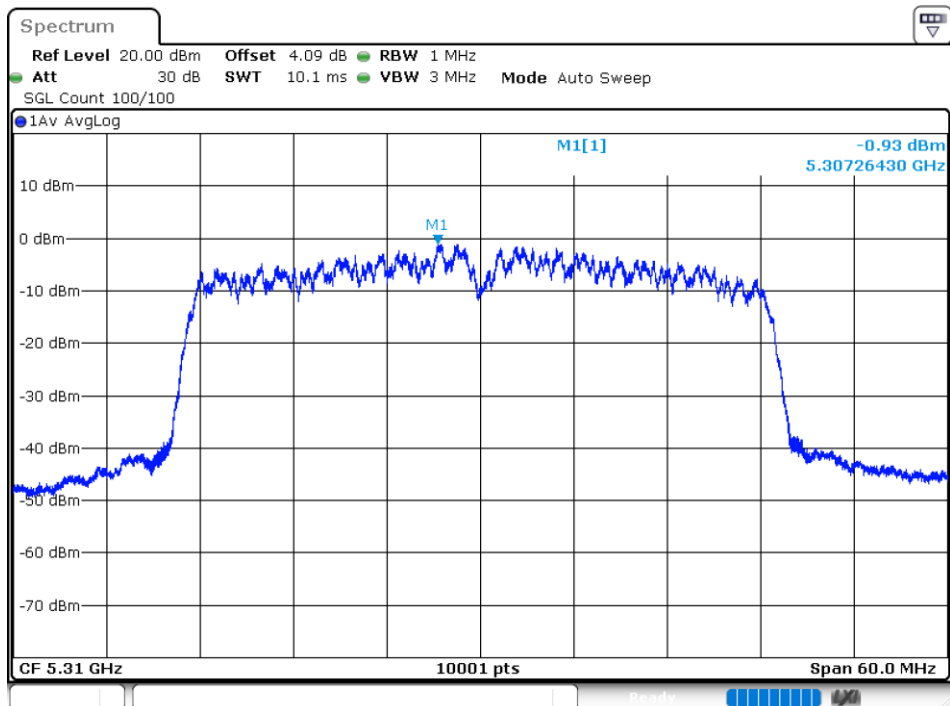
PSD NVNT n20 5320MHz Ant1



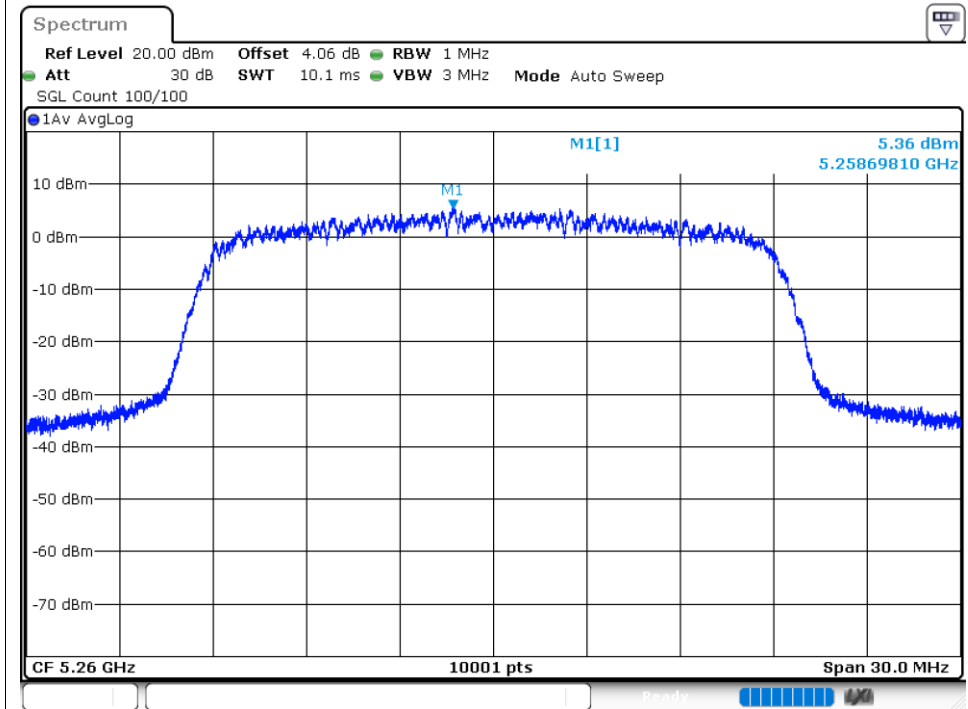
PSD NVNT n40 5270MHz Ant1



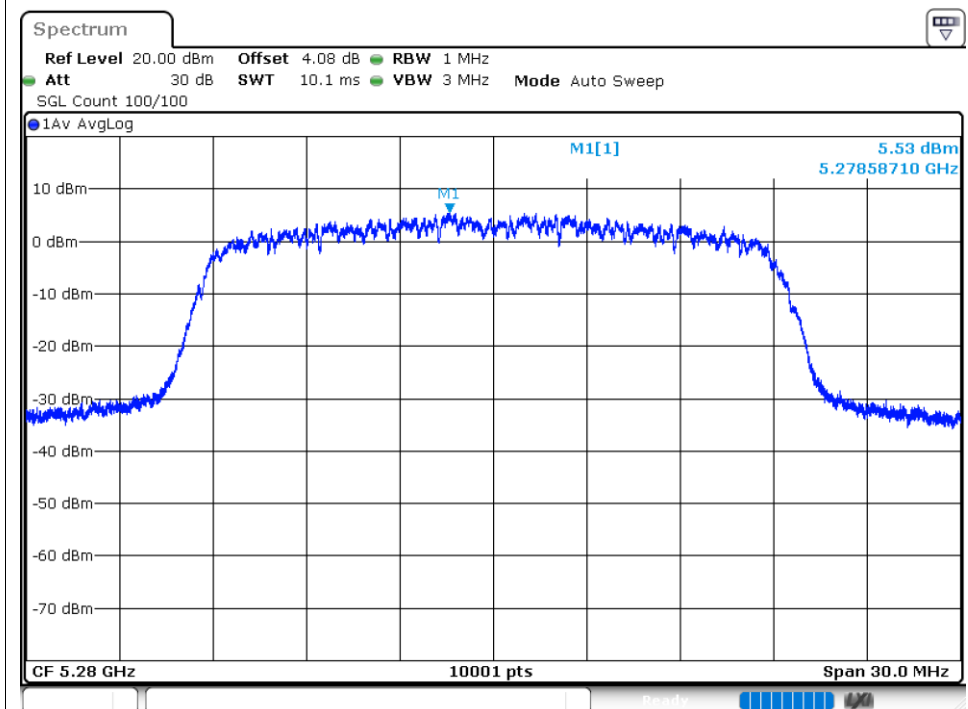
PSD NVNT n40 5310MHz Ant1



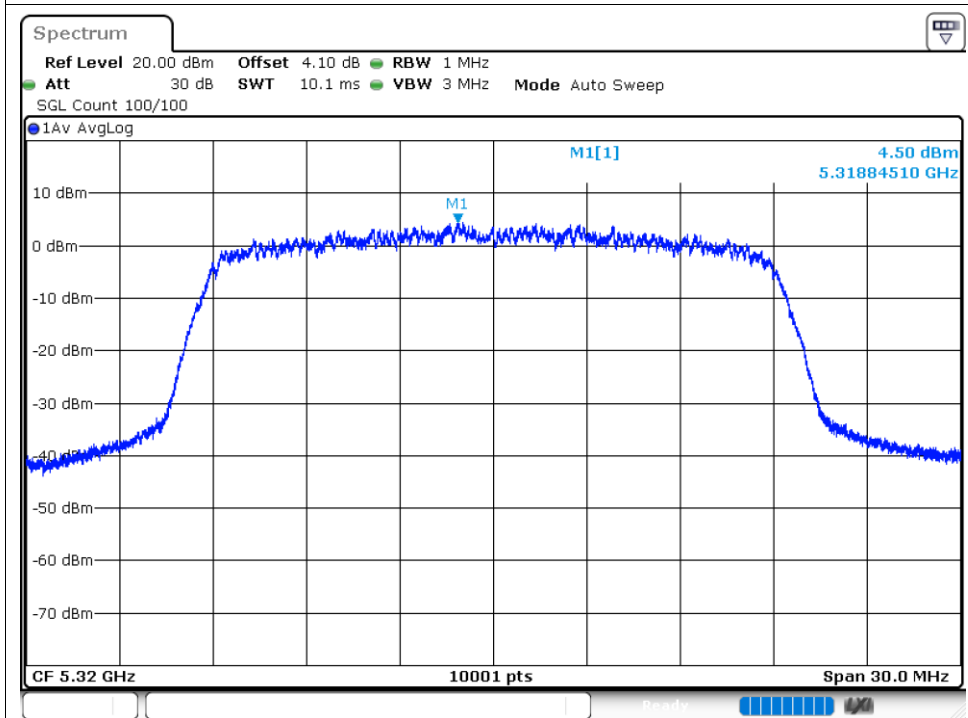
PSD NVNT ac20 5260MHz Ant1



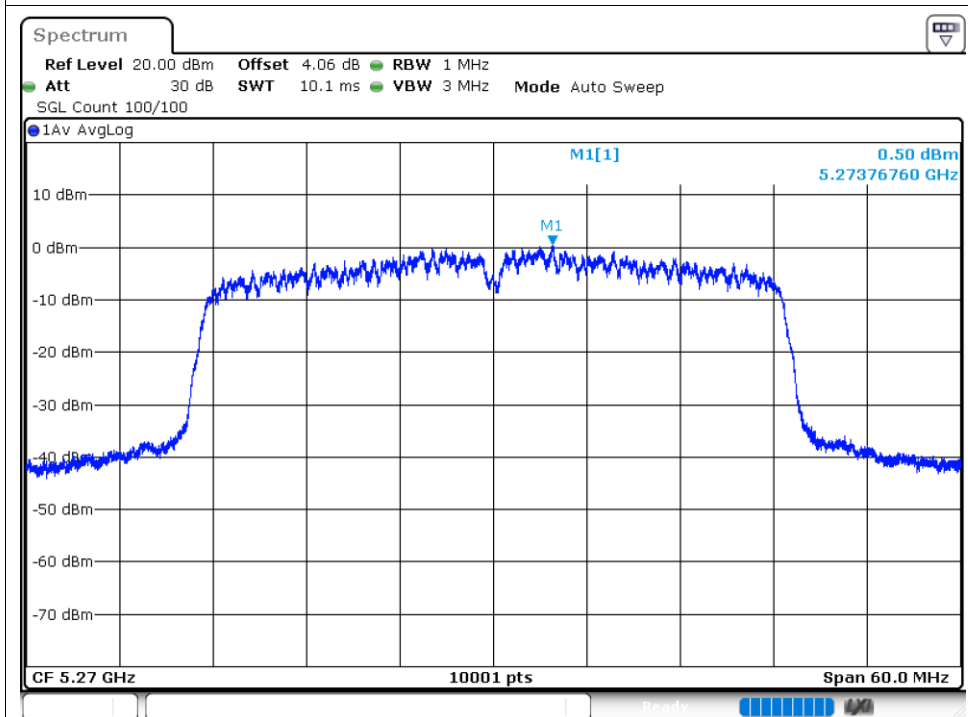
PSD NVNT ac20 5280MHz Ant1



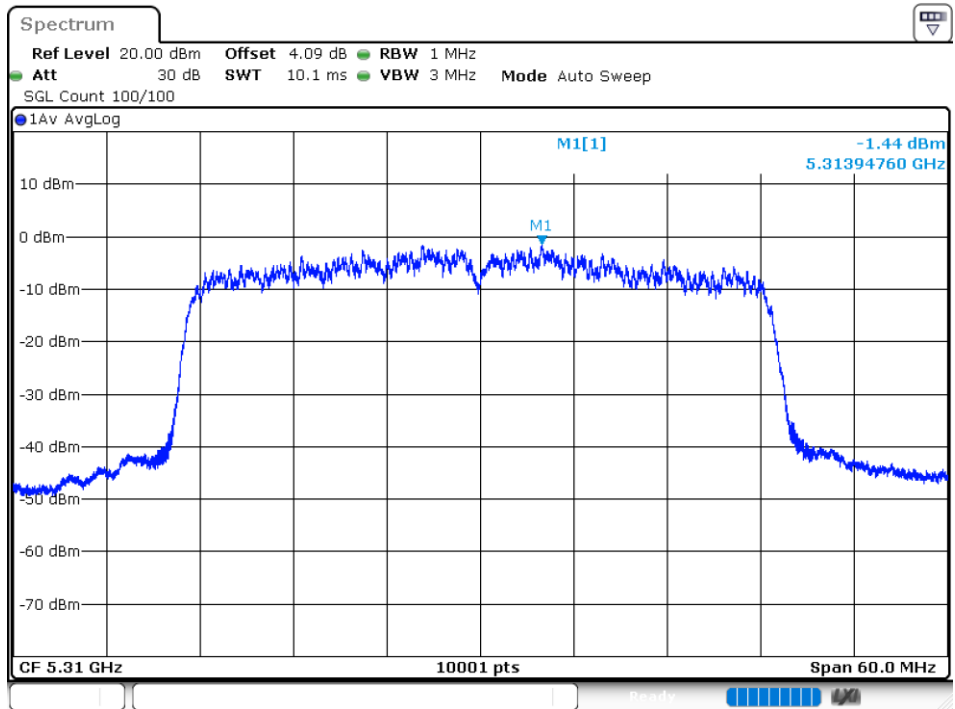
PSD NVNT ac20 5320MHz Ant1



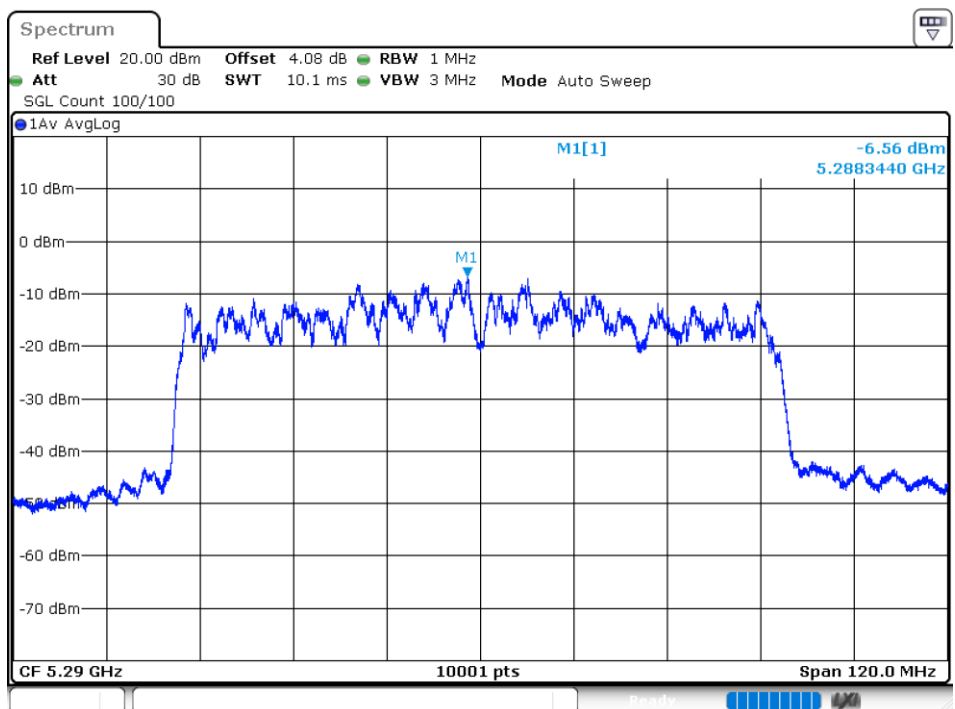
PSD NVNT ac40 5270MHz Ant1



PSD NVNT ac40 5310MHz Ant1



PSD NVNT ac80 5290MHz Ant1



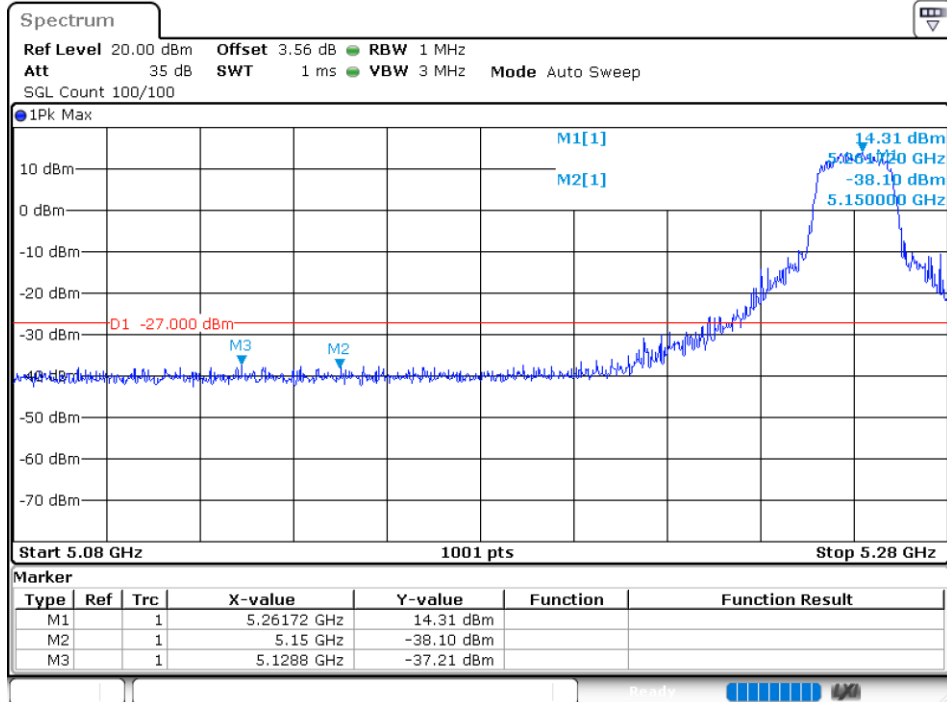
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-37.21	-27	Pass
NVNT	a	5320	Ant1	-28.06	-27	Pass
NVNT	n20	5260	Ant1	-43.06	-27	Pass
NVNT	n20	5320	Ant1	-27.42	-27	Pass
NVNT	n40	5270	Ant1	-40.51	-27	Pass
NVNT	n40	5310	Ant1	-27.29	-27	Pass
NVNT	ac20	5260	Ant1	-43.04	-27	Pass
NVNT	ac20	5320	Ant1	-29.45	-27	Pass
NVNT	ac40	5270	Ant1	-42.43	-27	Pass
NVNT	ac40	5310	Ant1	-30.02	-27	Pass
NVNT	ac80	5290	Ant1	-36.94	-27	Pass
NVNT	ac80	5290	Ant1	-27.76	-27	Pass

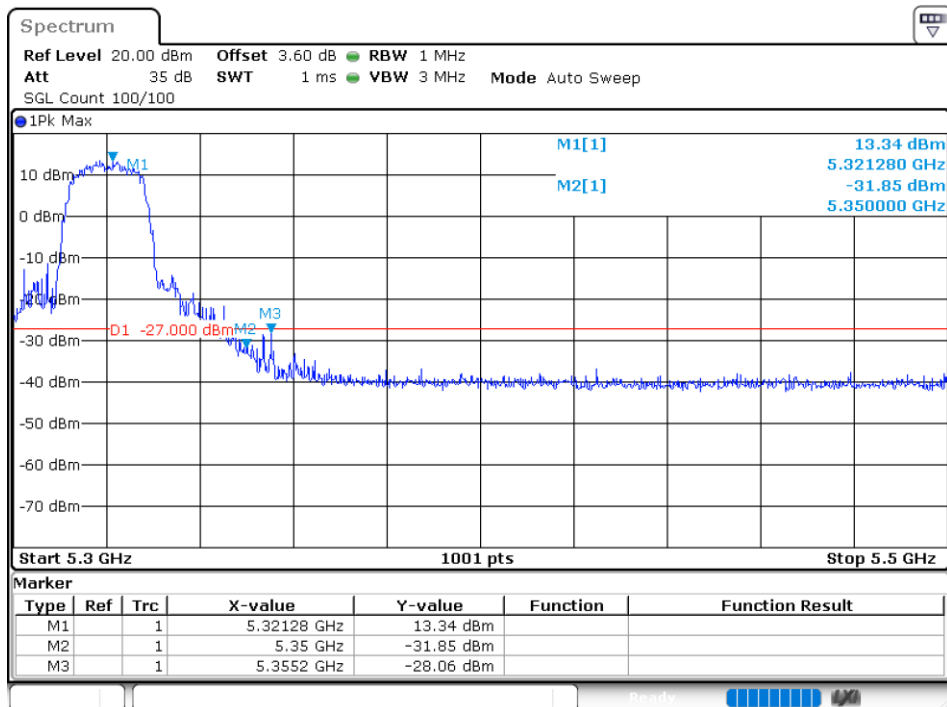
Note: This test has increased antenna gain.

Test Graphs

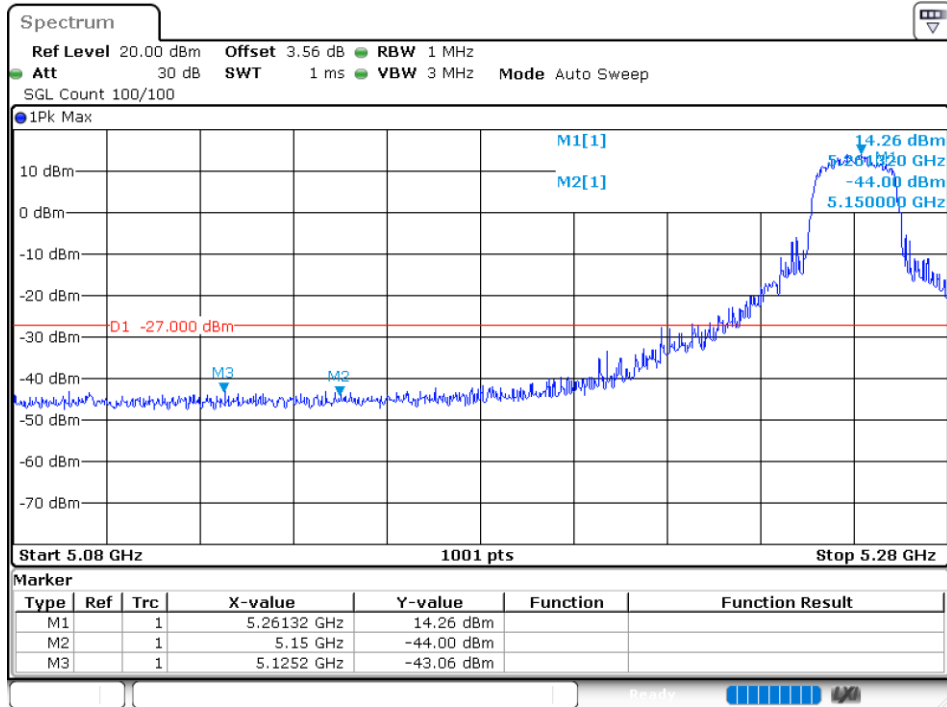
Band Edge NVNT a 5260MHz Low Ant1



Band Edge NVNT a 5320MHz High Ant1



Band Edge NVNT n20 5260MHz Low Ant1



Band Edge NVNT n20 5320MHz High Ant1

