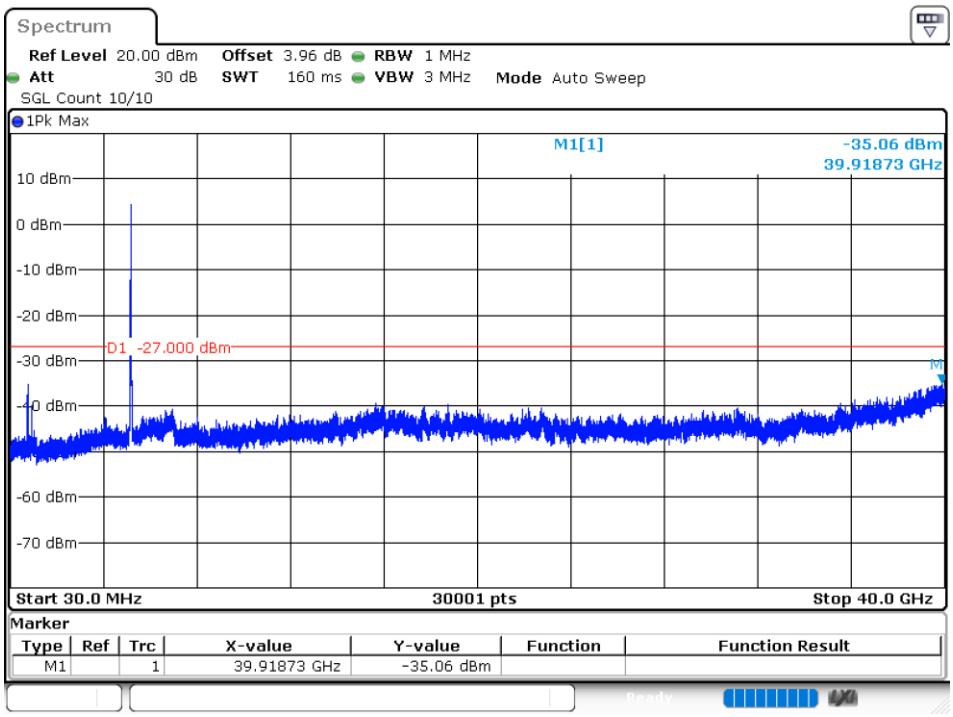
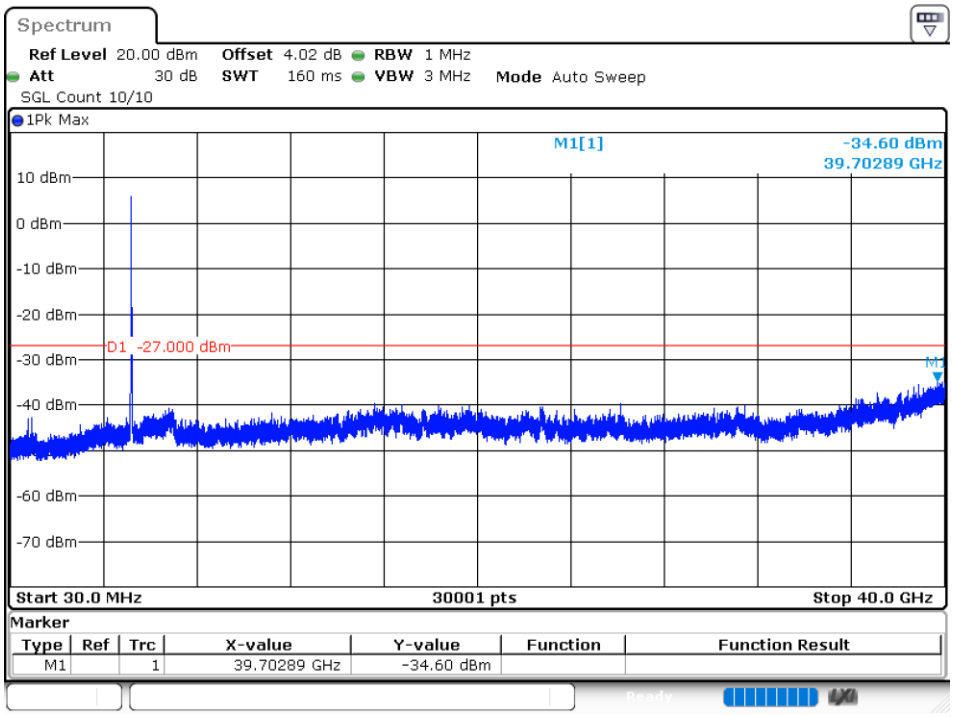
Test Graphs

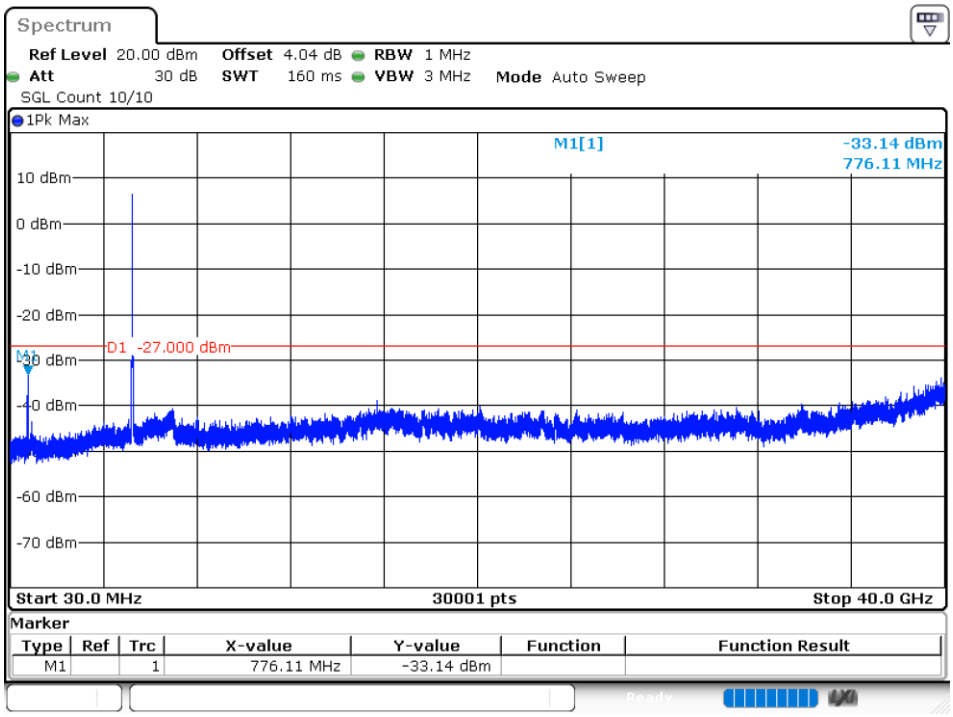
Tx. Spurious NVNT a 5180MHz Ant1 Emission



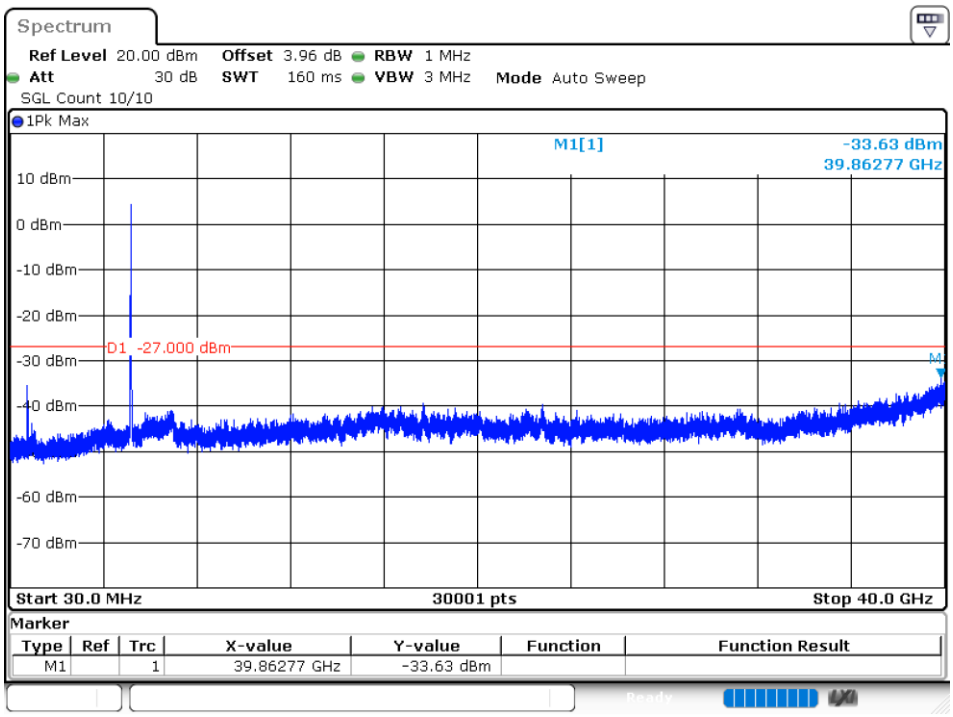
Tx. Spurious NVNT a 5200MHz Ant1 Emission



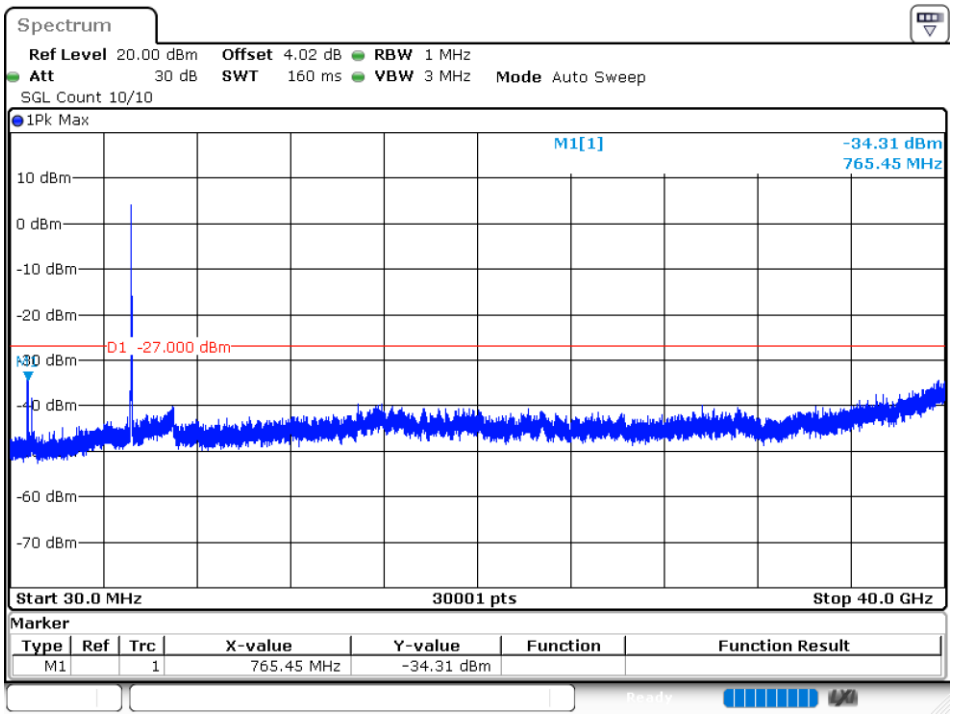
Tx. Spurious NVNT a 5240MHz Ant1 Emission



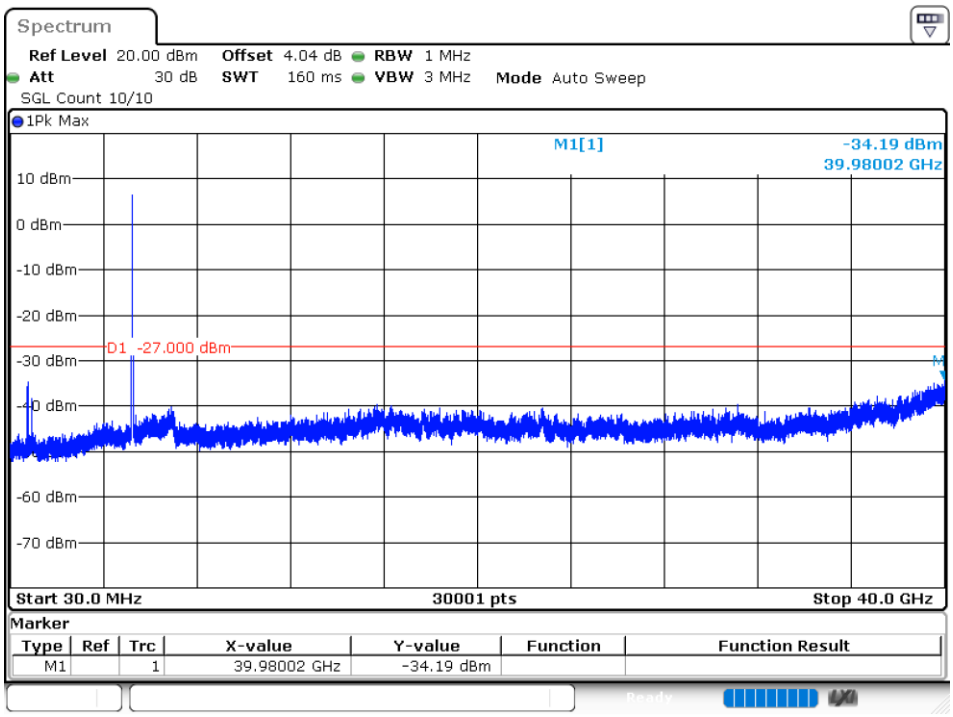
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



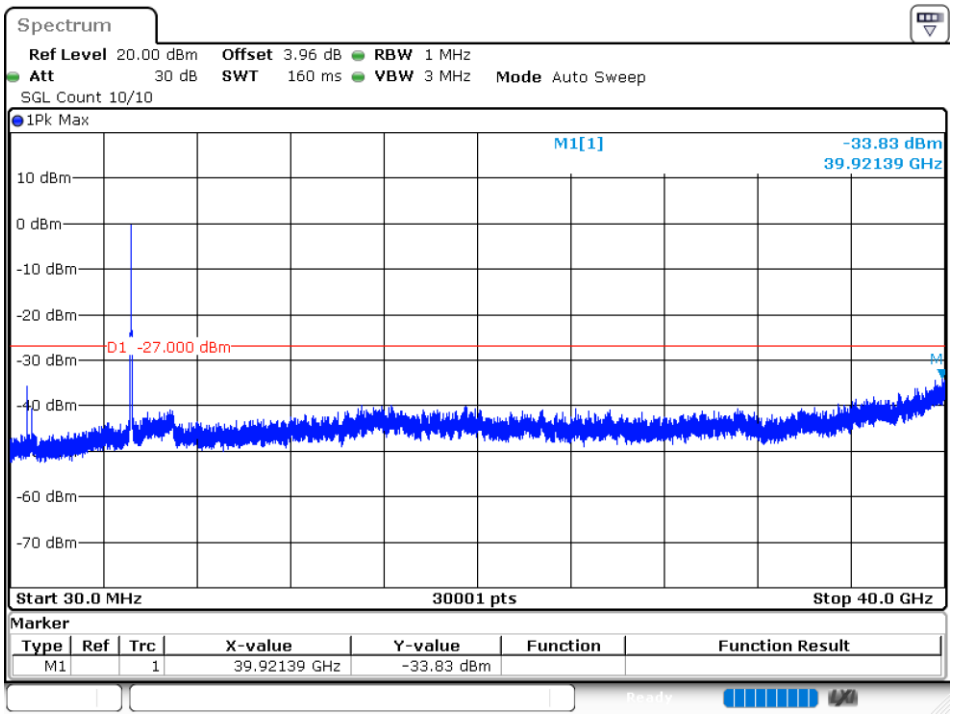
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



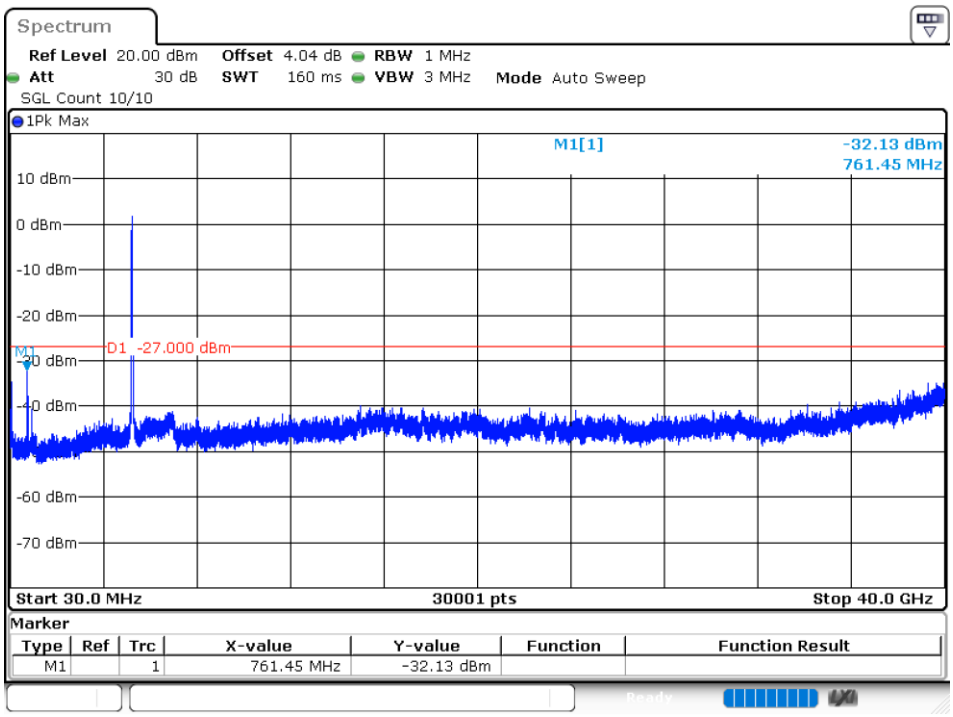
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



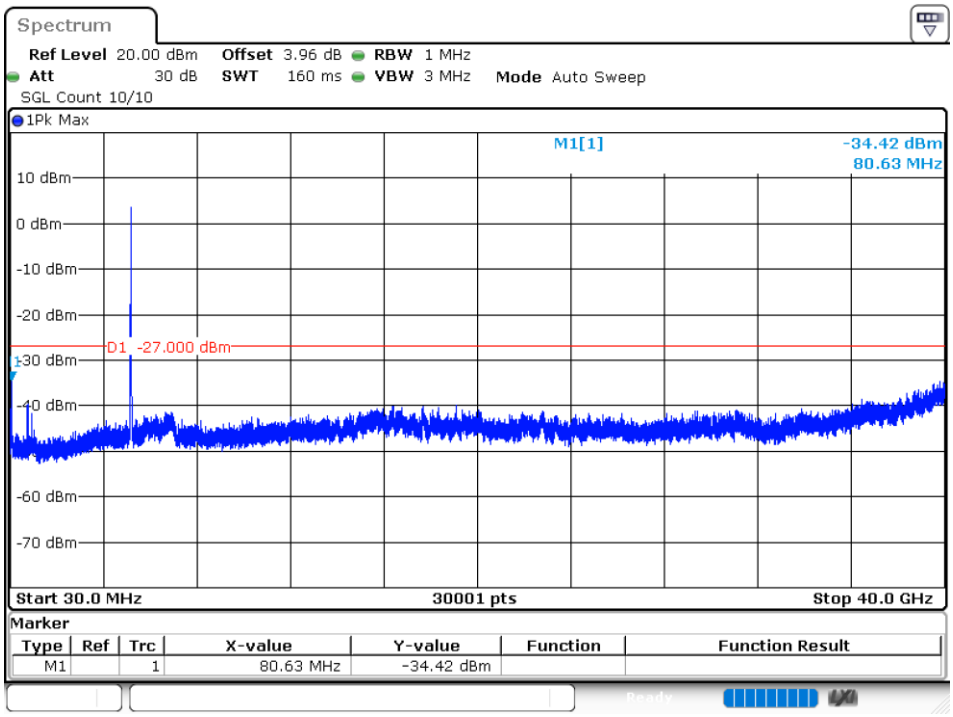
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



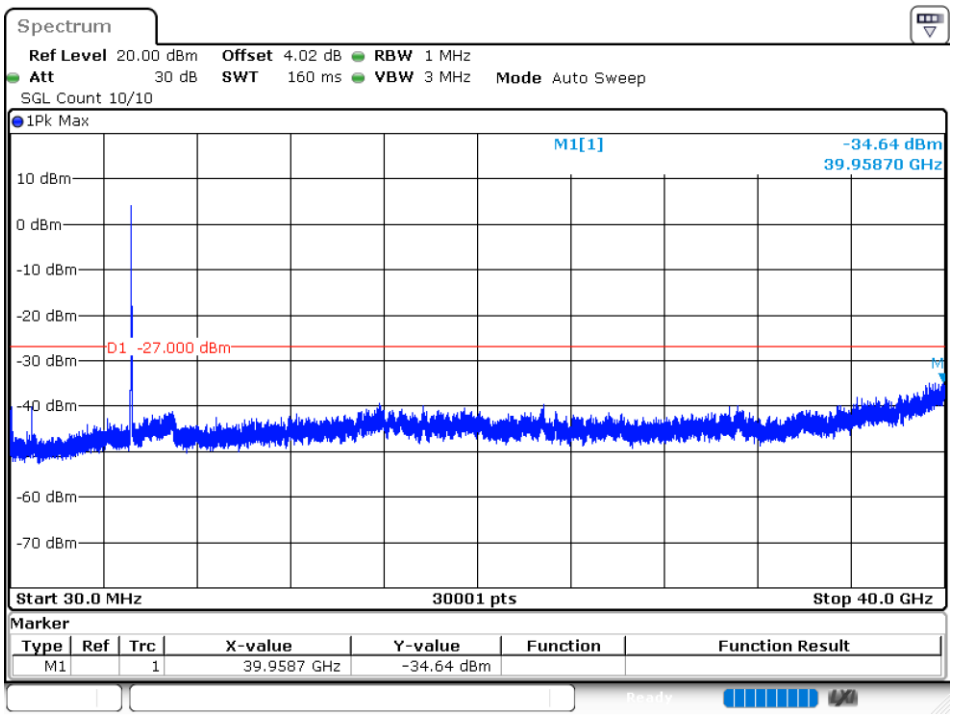
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



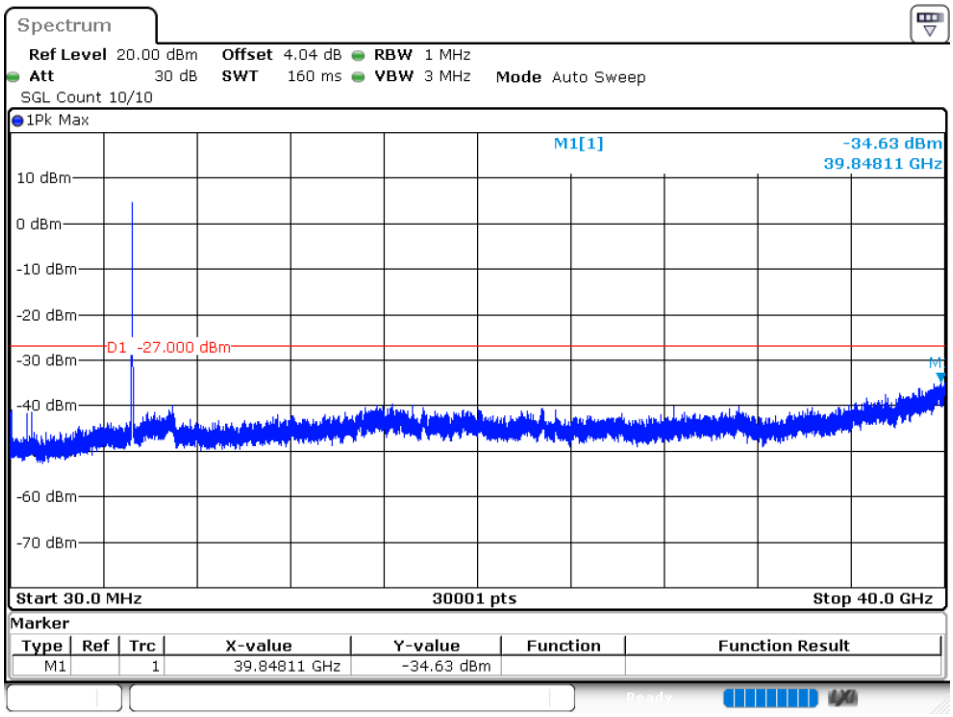
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



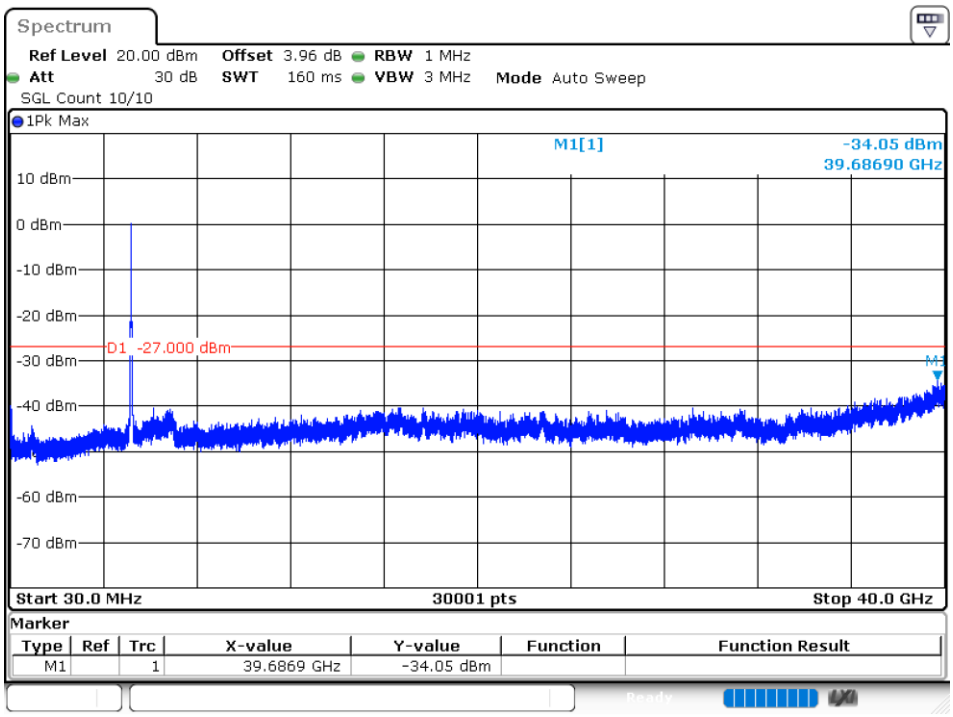
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



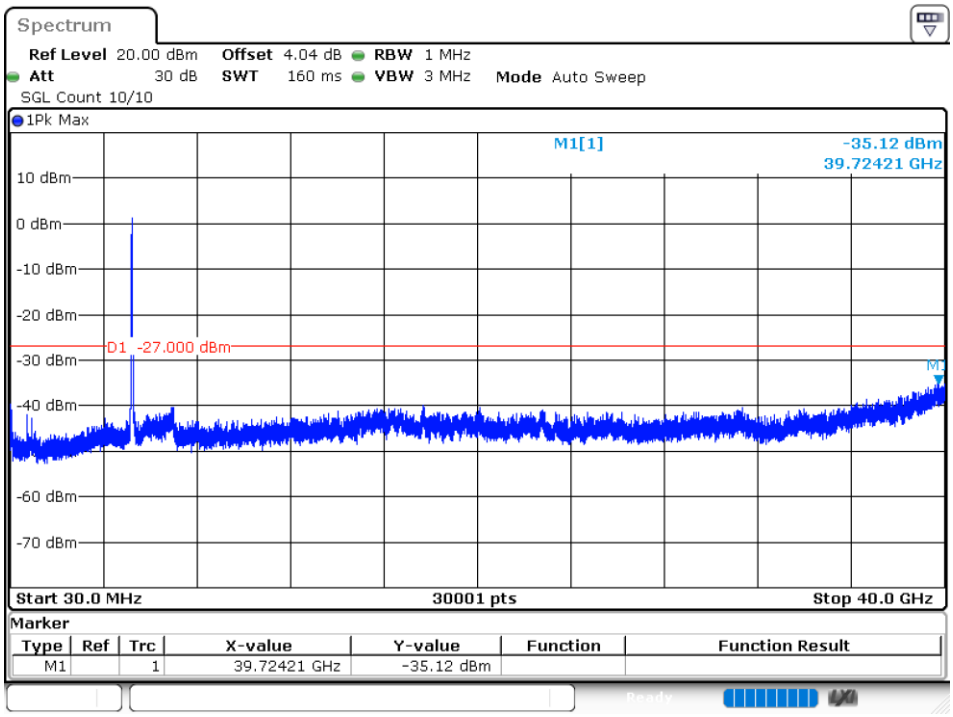
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



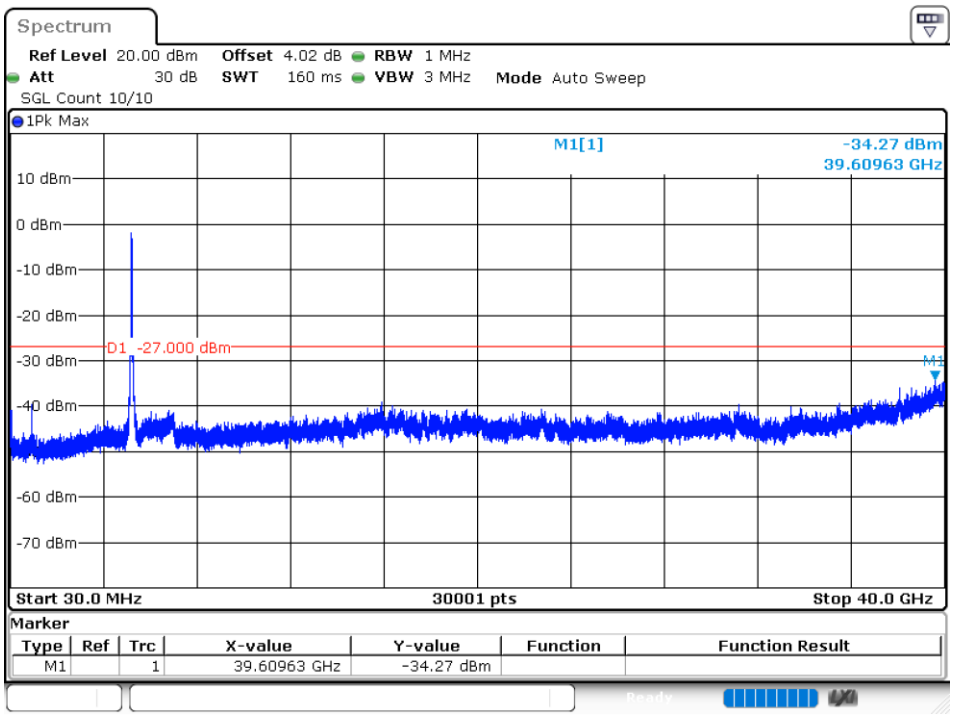
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



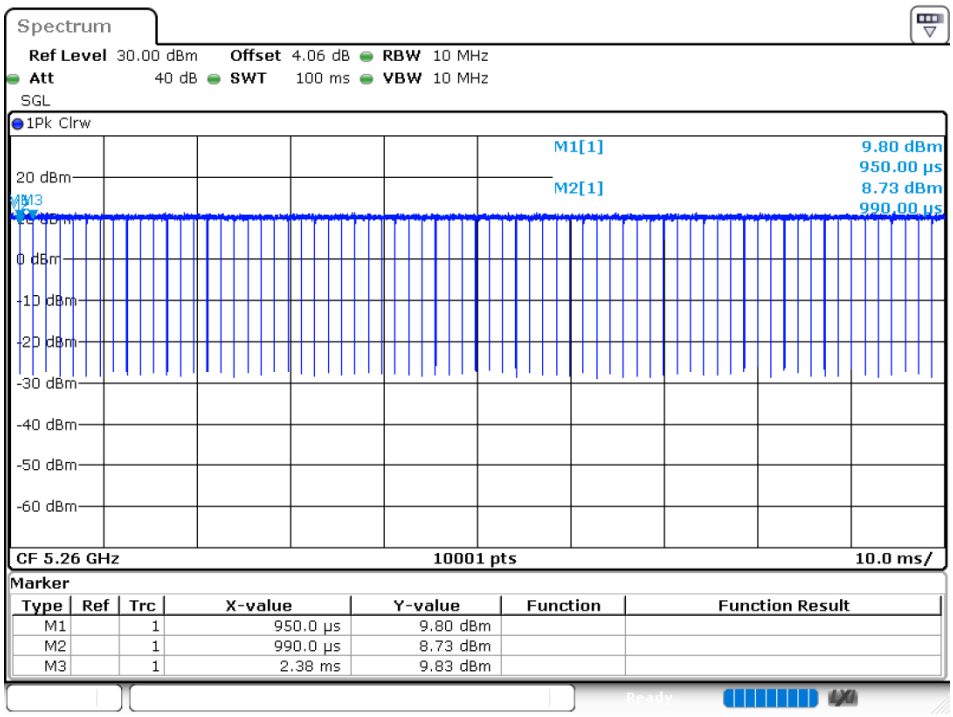
5.3G

Duty Cycle

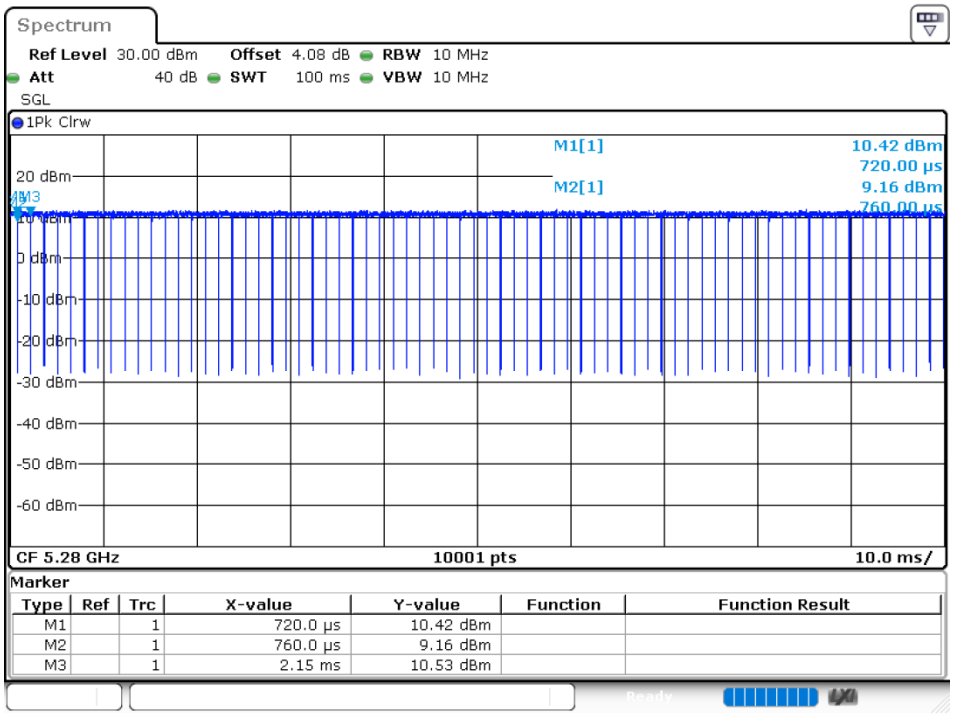
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	97.62	0.1	0.72
NVNT	a	5280	Ant1	97.58	0.11	0.72
NVNT	a	5320	Ant1	97.6	0.11	0.72
NVNT	n20	5260	Ant1	97.43	0.11	0.77
NVNT	n20	5280	Ant1	97.42	0.11	0.77
NVNT	n20	5320	Ant1	97.45	0.11	0.77
NVNT	n40	5270	Ant1	95.08	0.22	1.54
NVNT	n40	5310	Ant1	95.05	0.22	1.54
NVNT	ac20	5260	Ant1	97.47	0.11	0.76
NVNT	ac20	5280	Ant1	97.45	0.11	0.76
NVNT	ac20	5320	Ant1	97.41	0.11	0.76
NVNT	ac40	5270	Ant1	95.11	0.22	1.52
NVNT	ac40	5310	Ant1	95.12	0.22	1.54
NVNT	ac80	5290	Ant1	90.42	0.44	3.03

Test Graphs

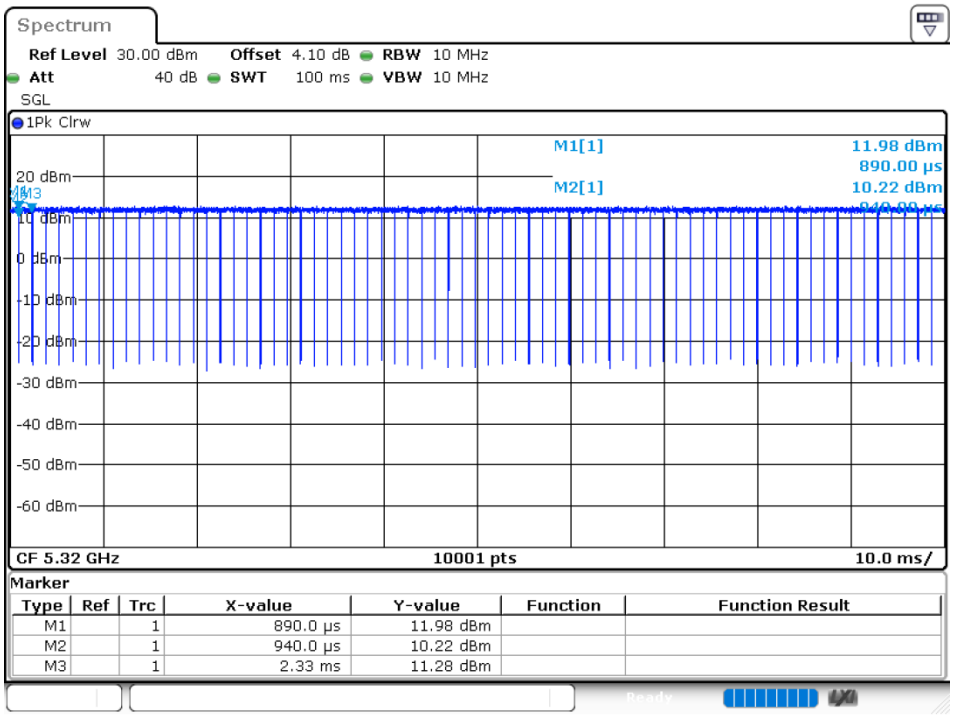
Duty Cycle NVNT a 5260MHz Ant1



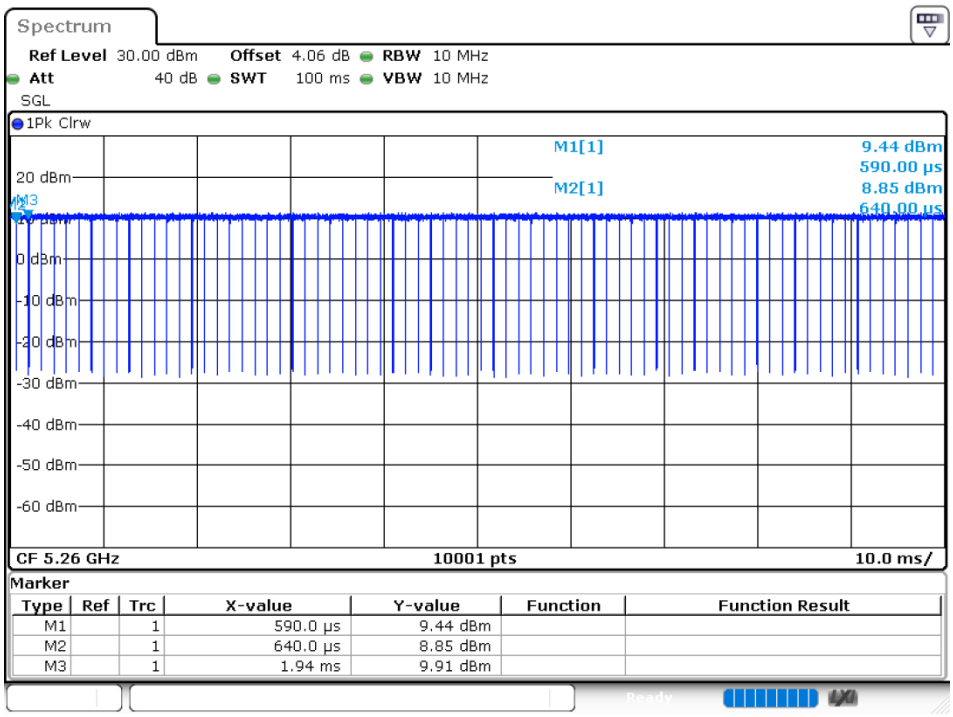
Duty Cycle NVNT a 5280MHz Ant1



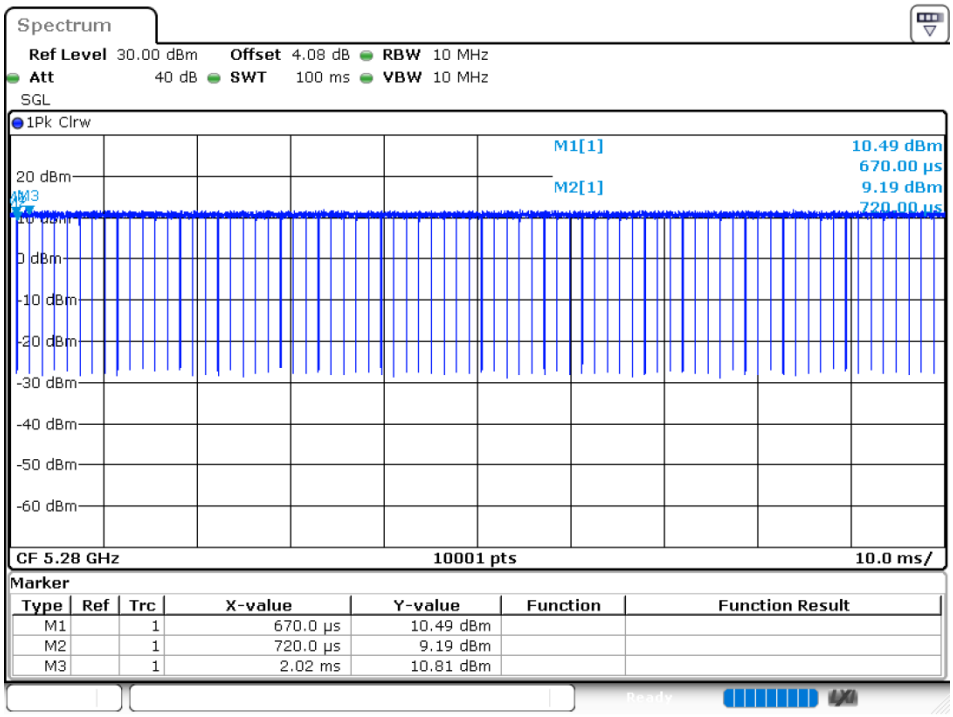
Duty Cycle NVNT a 5320MHz Ant1



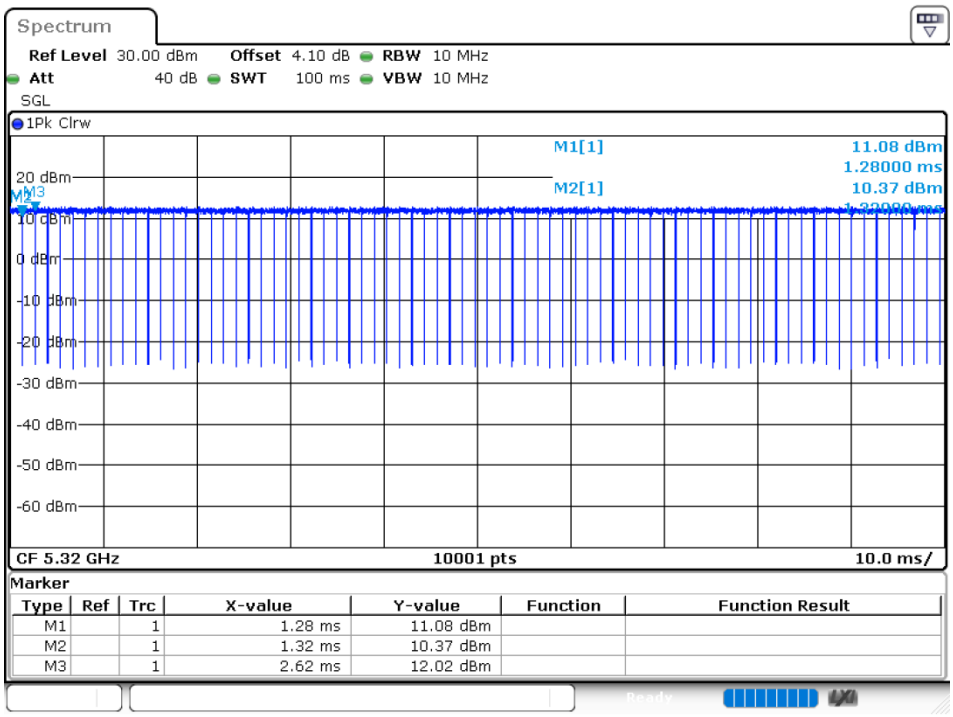
Duty Cycle NVNT n20 5260MHz Ant1



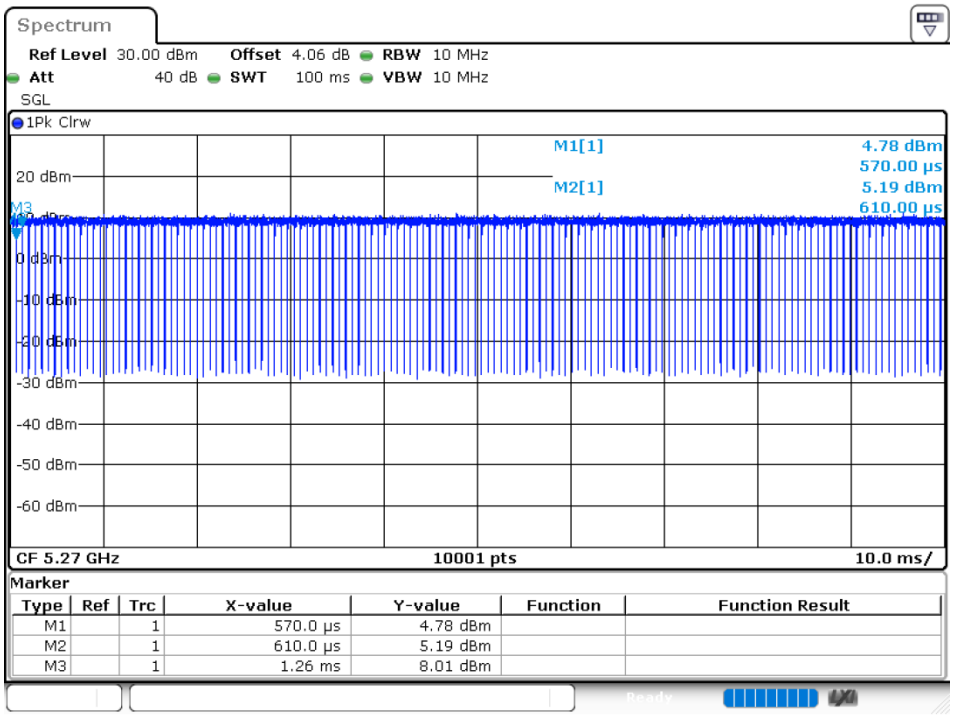
Duty Cycle NVNT n20 5280MHz Ant1



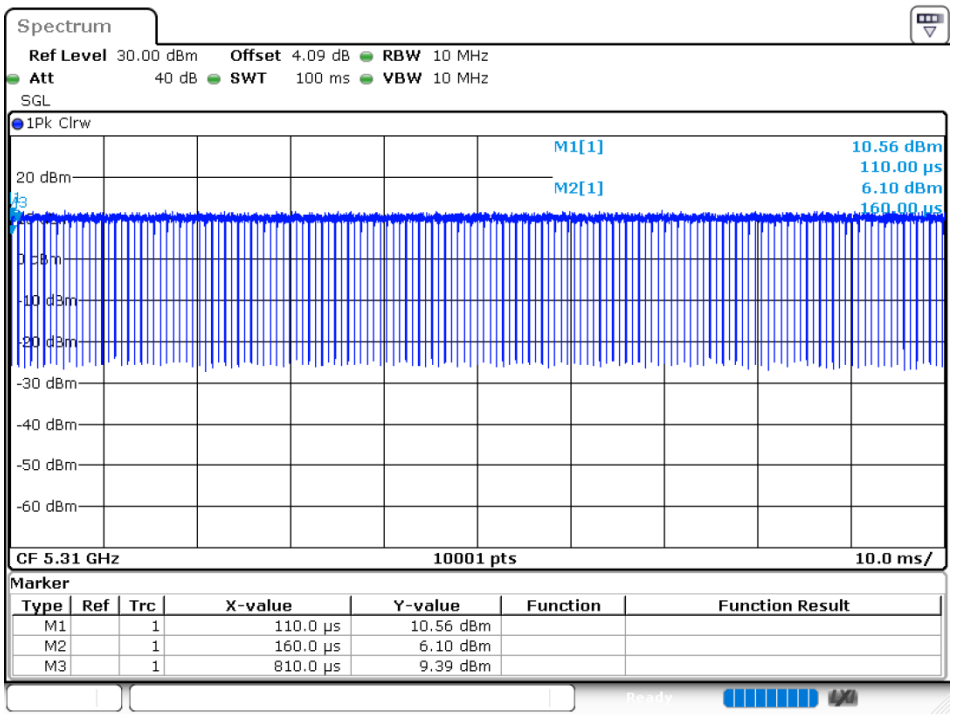
Duty Cycle NVNT n20 5320MHz Ant1



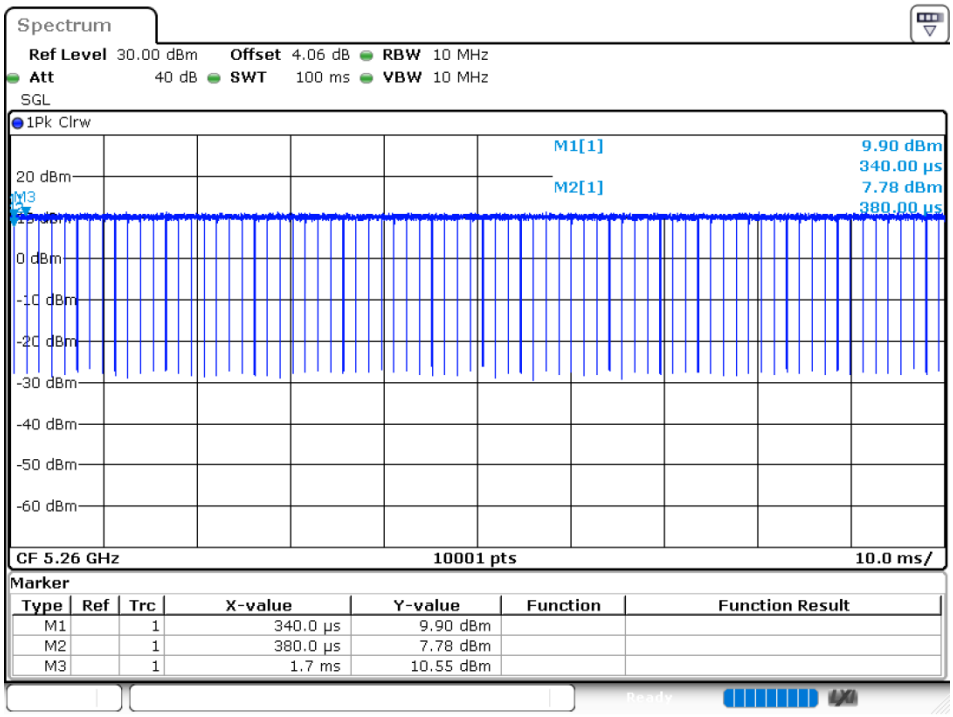
Duty Cycle NVNT n40 5270MHz Ant1



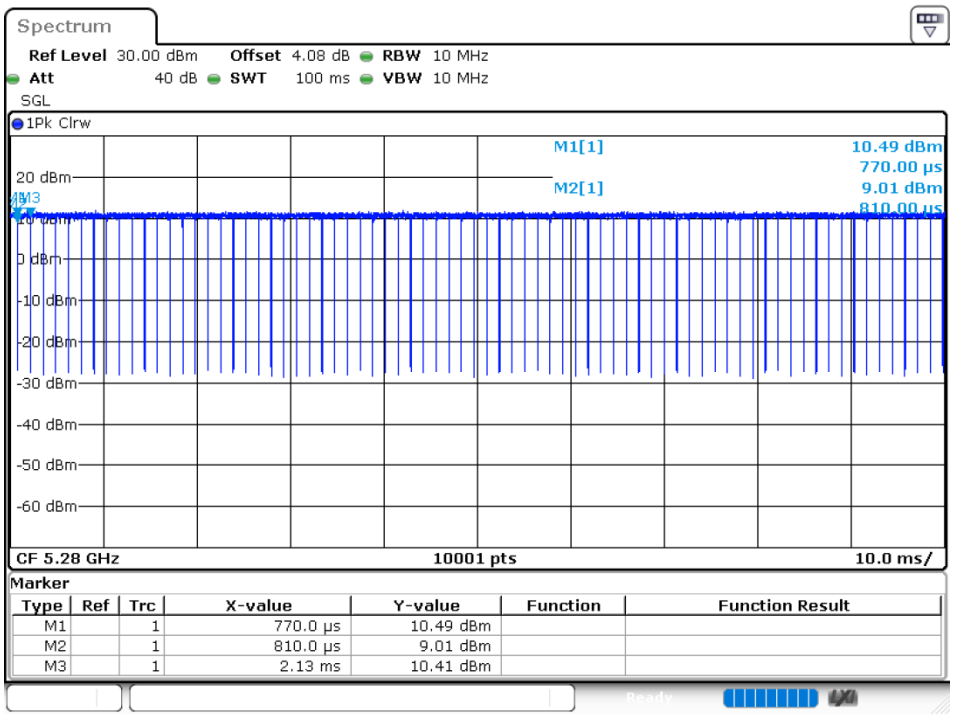
Duty Cycle NVNT n40 5310MHz Ant1



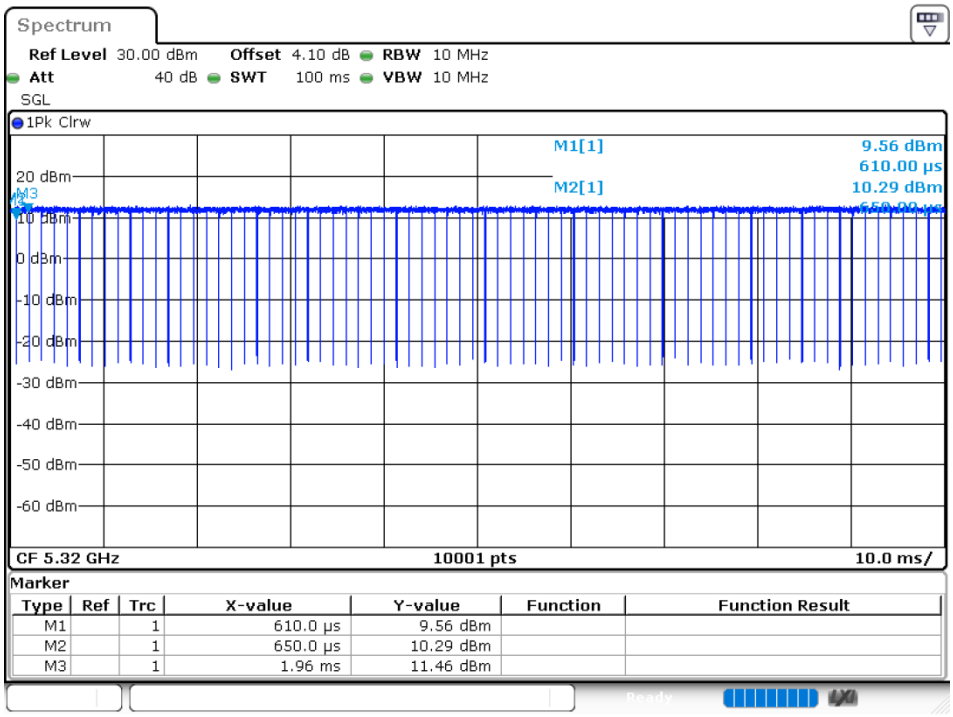
Duty Cycle NVNT ac20 5260MHz Ant1



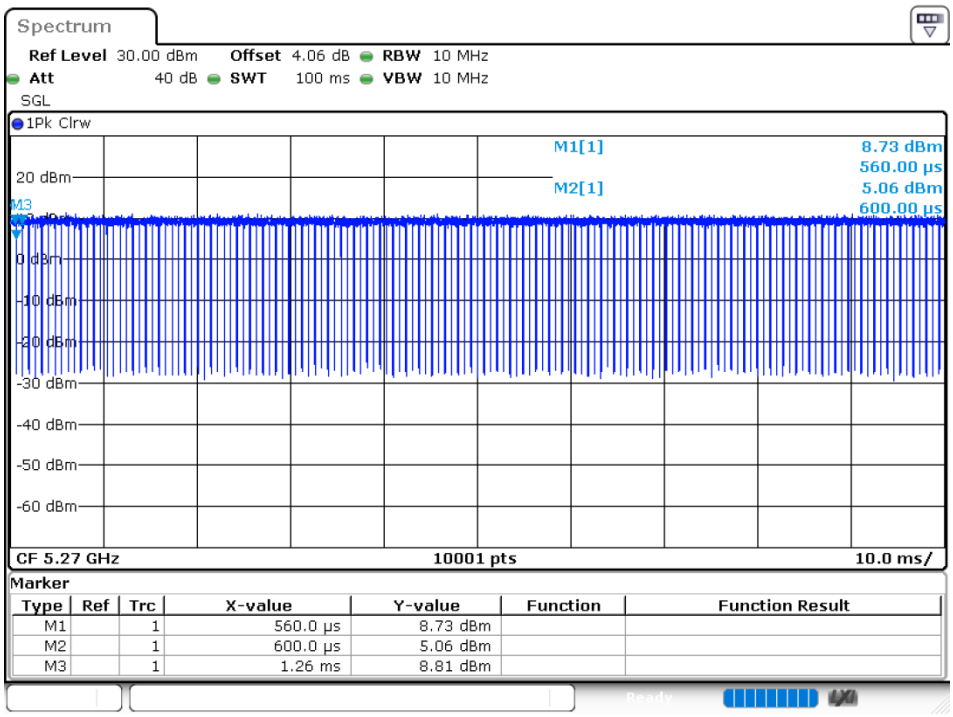
Duty Cycle NVNT ac20 5280MHz Ant1



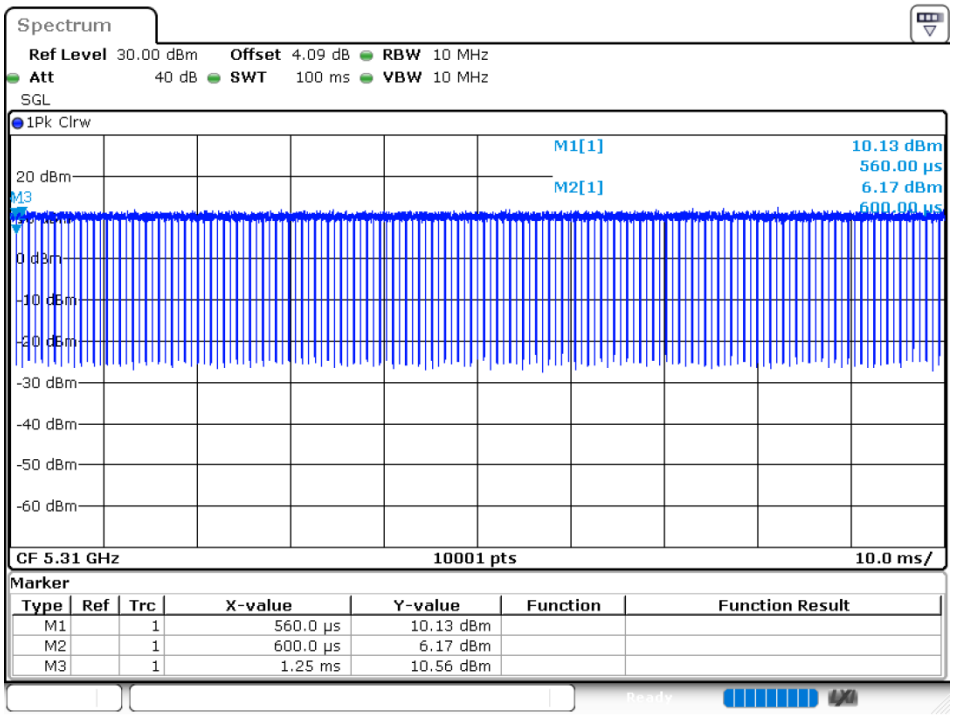
Duty Cycle NVNT ac20 5320MHz Ant1



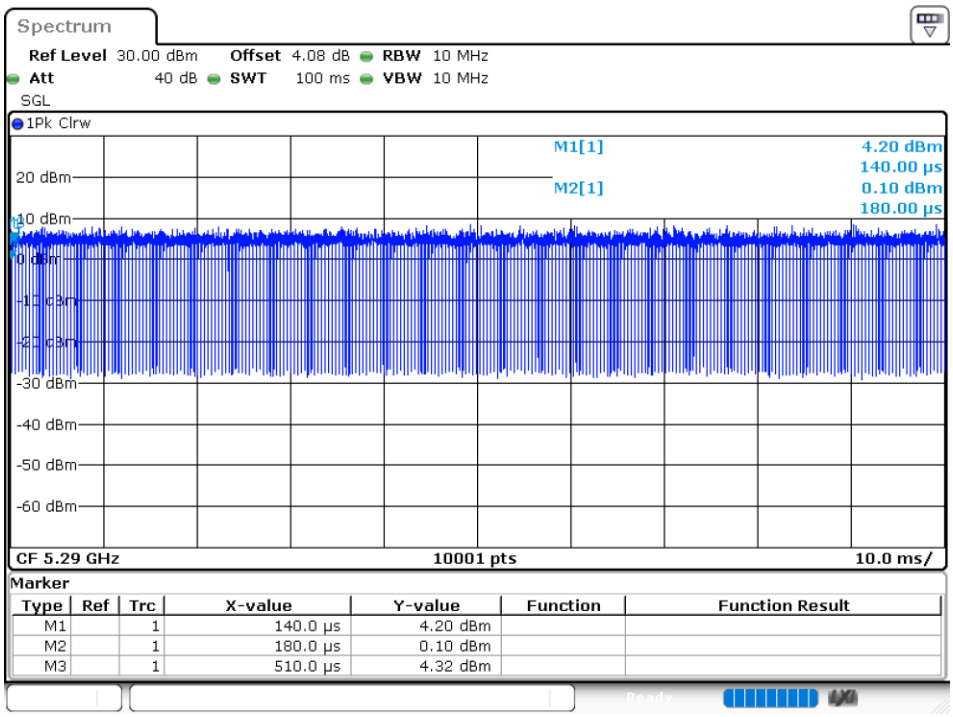
Duty Cycle NVNT ac40 5270MHz Ant1



Duty Cycle NVNT ac40 5310MHz Ant1



Duty Cycle NVNT ac80 5290MHz Ant1



Maximum Conducted Output Power

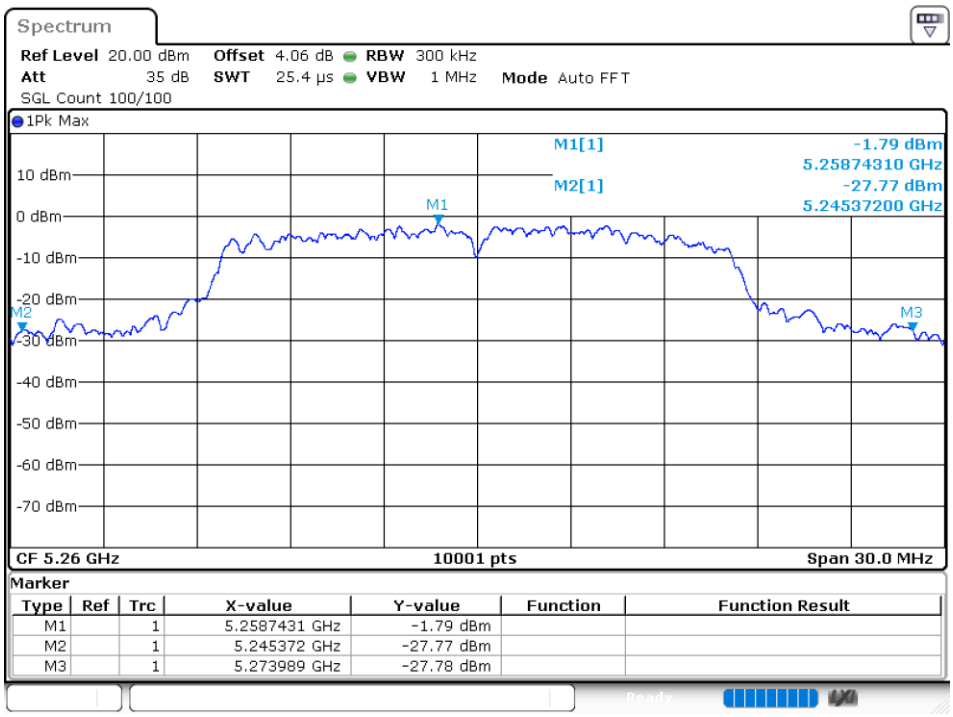
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	7.24	0	7.24	24	Pass
NVNT	a	5280	Ant1	8.05	0	8.05	24	Pass
NVNT	a	5320	Ant1	9.08	0	9.08	24	Pass
NVNT	n20	5260	Ant1	7.31	0	7.31	24	Pass
NVNT	n20	5280	Ant1	8.1	0	8.1	24	Pass
NVNT	n20	5320	Ant1	9.11	0	9.11	24	Pass
NVNT	n40	5270	Ant1	8.06	0	8.06	24	Pass
NVNT	n40	5310	Ant1	8.2	0	8.2	24	Pass
NVNT	ac20	5260	Ant1	7.5	0	7.5	24	Pass
NVNT	ac20	5280	Ant1	8.09	0	8.09	24	Pass
NVNT	ac20	5320	Ant1	9.07	0	9.07	24	Pass
NVNT	ac40	5270	Ant1	8	0	8	24	Pass
NVNT	ac40	5310	Ant1	7.72	0	7.72	24	Pass
NVNT	ac80	5290	Ant1	6.71	0	6.71	24	Pass

-26dB Bandwidth

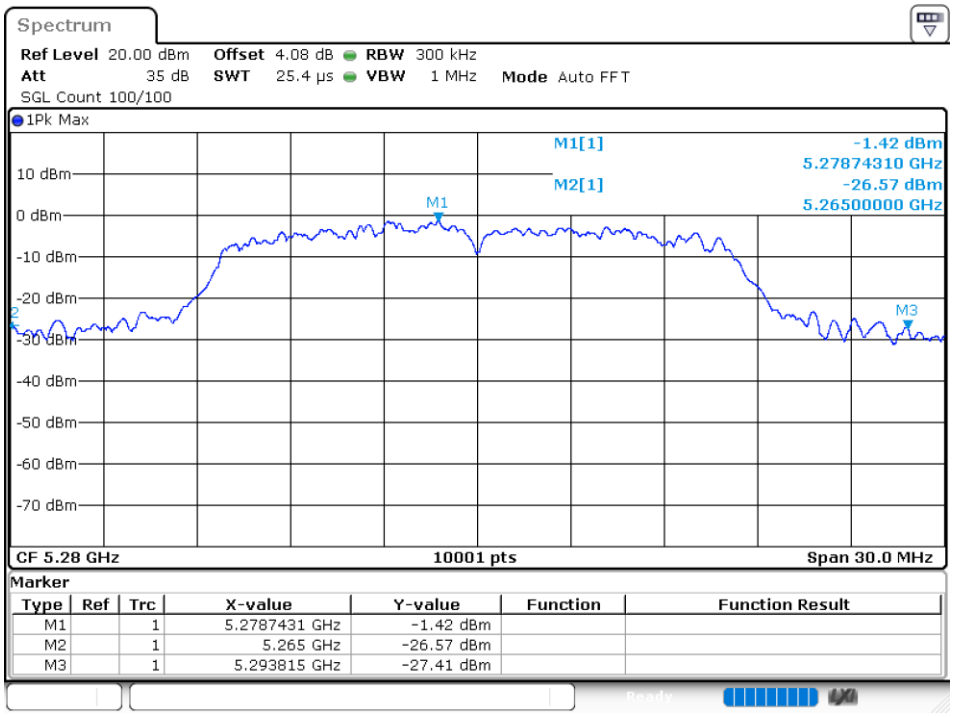
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	28.617	Pass
NVNT	a	5280	Ant1	28.815	Pass
NVNT	a	5320	Ant1	28.872	Pass
NVNT	n20	5260	Ant1	29.865	Pass
NVNT	n20	5280	Ant1	30	Pass
NVNT	n20	5320	Ant1	29.139	Pass
NVNT	n40	5270	Ant1	59.976	Pass
NVNT	n40	5310	Ant1	59.934	Pass
NVNT	ac20	5260	Ant1	30	Pass
NVNT	ac20	5280	Ant1	29.781	Pass
NVNT	ac20	5320	Ant1	29.316	Pass
NVNT	ac40	5270	Ant1	59.988	Pass
NVNT	ac40	5310	Ant1	59.958	Pass
NVNT	ac80	5290	Ant1	119.364	Pass

Test Graphs

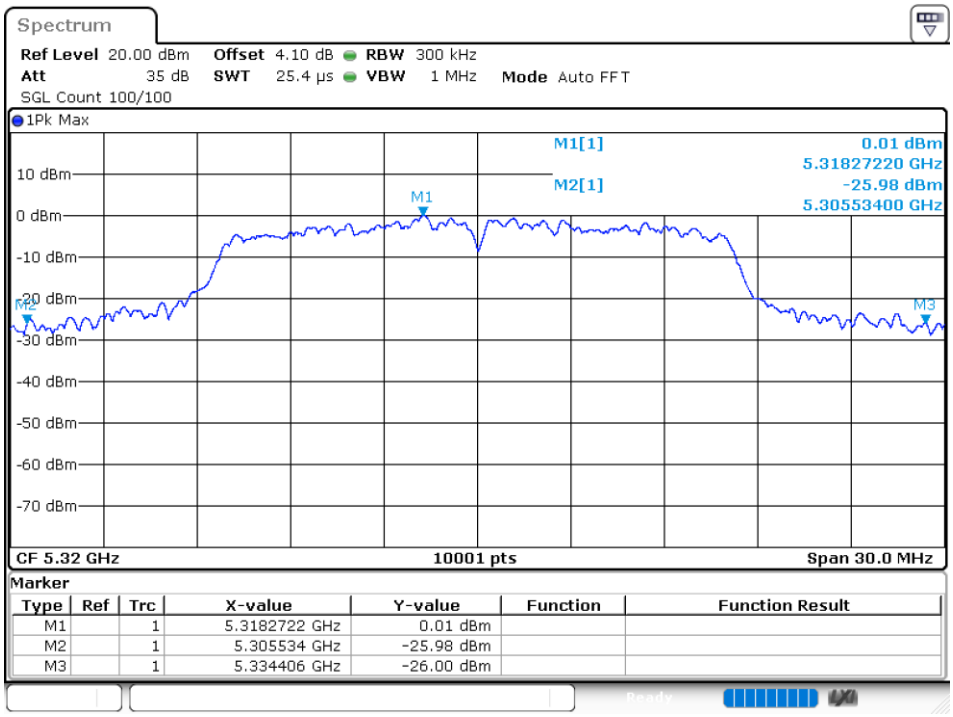
-26dB Bandwidth NVNT a 5260MHz Ant1



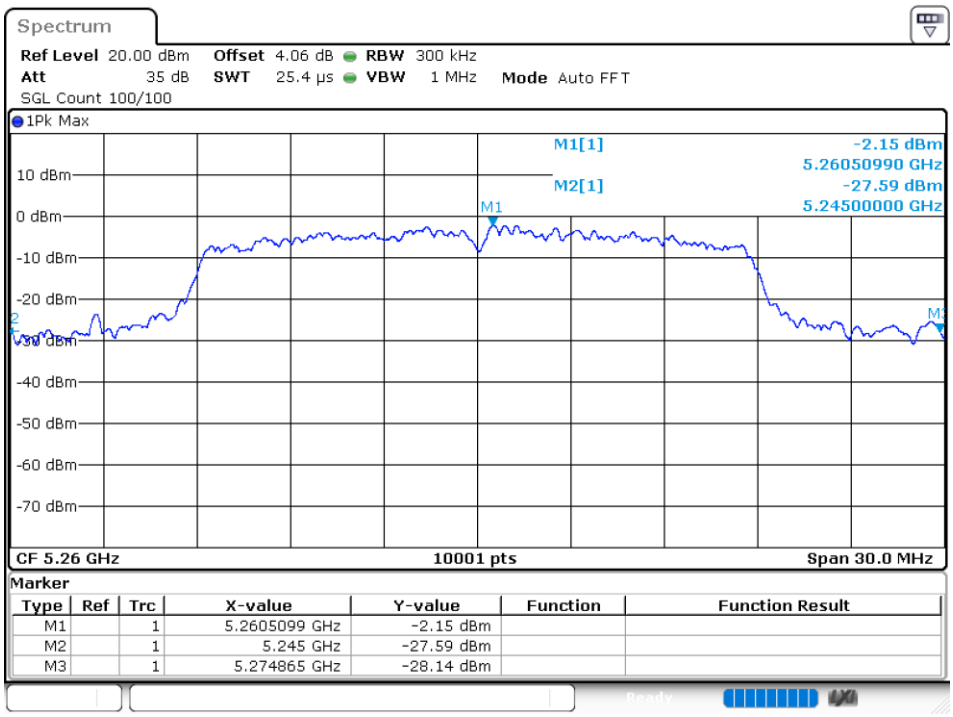
-26dB Bandwidth NVNT a 5280MHz Ant1



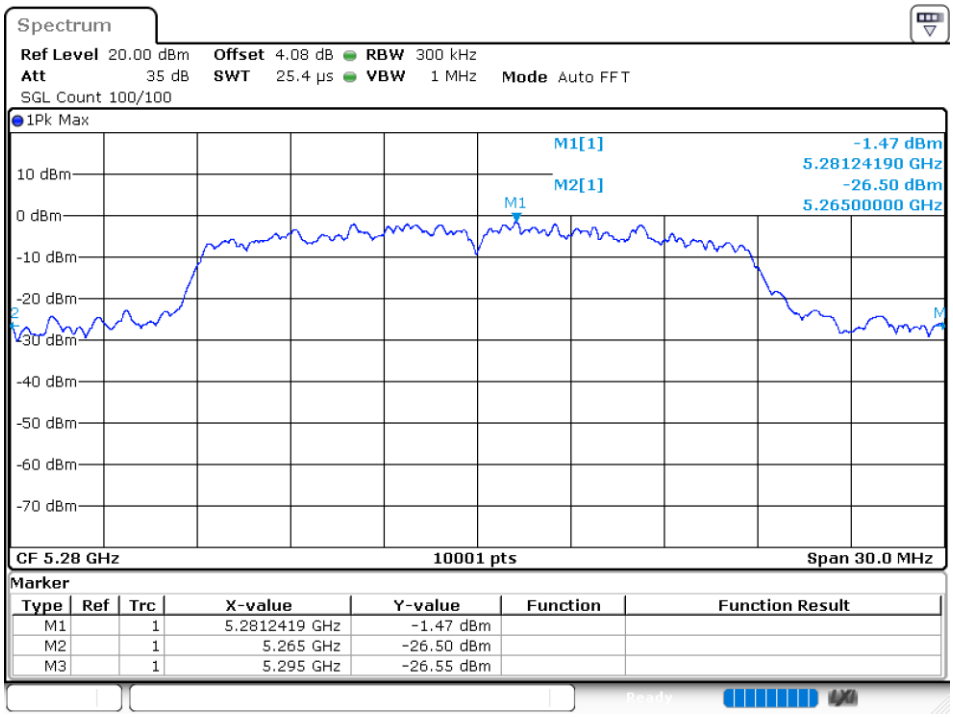
-26dB Bandwidth NVNT a 5320MHz Ant1



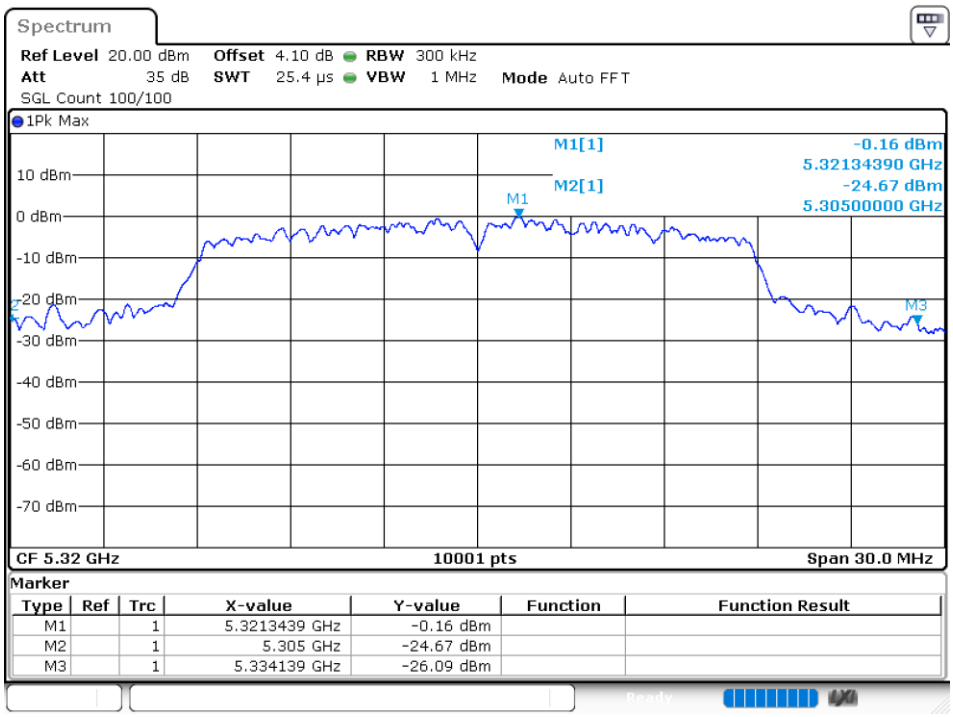
-26dB Bandwidth NVNT n20 5260MHz Ant1



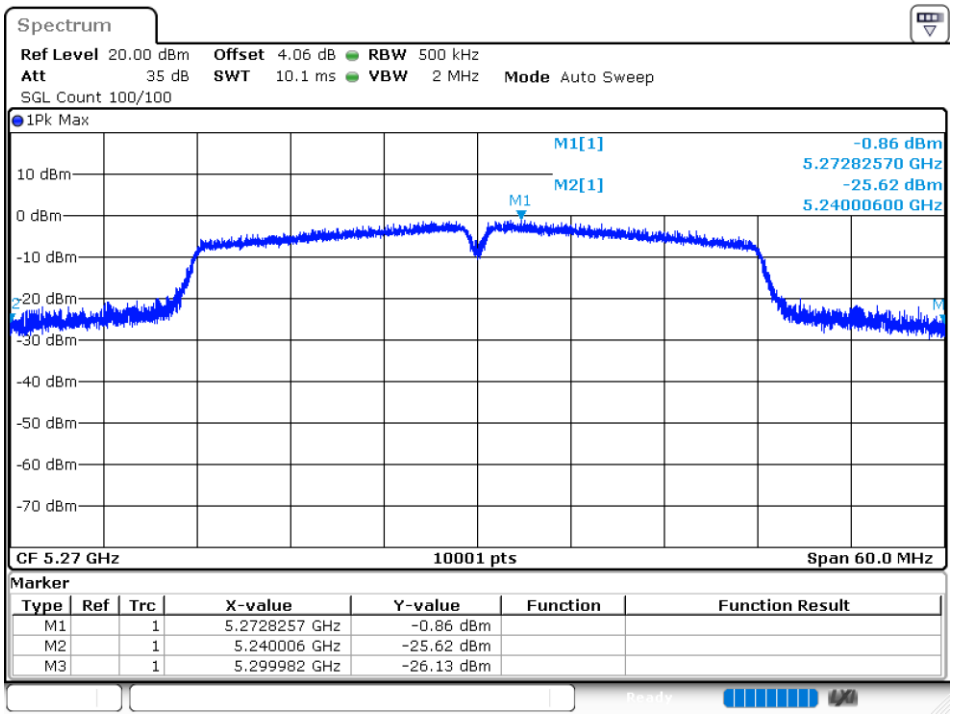
-26dB Bandwidth NVNT n20 5280MHz Ant1



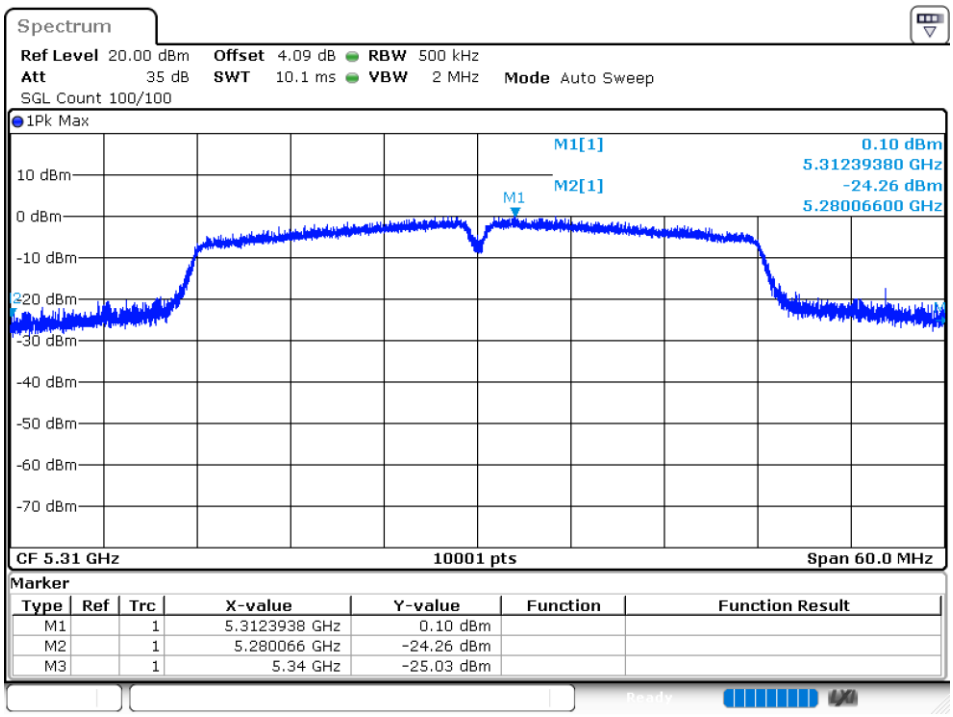
-26dB Bandwidth NVNT n20 5320MHz Ant1



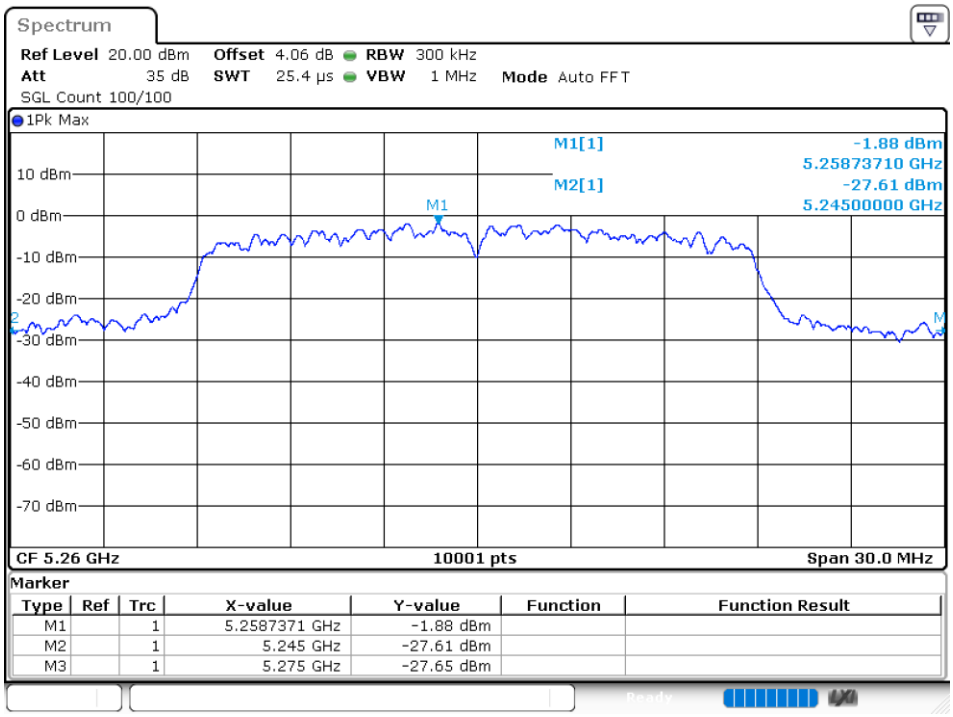
-26dB Bandwidth NVNT n40 5270MHz Ant1



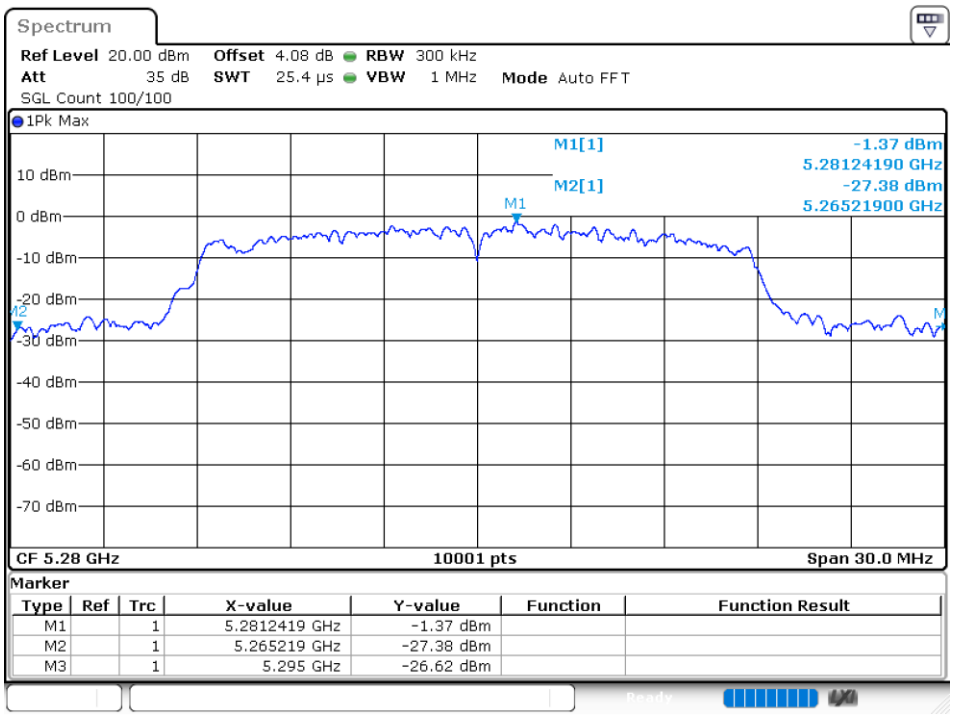
-26dB Bandwidth NVNT n40 5310MHz Ant1



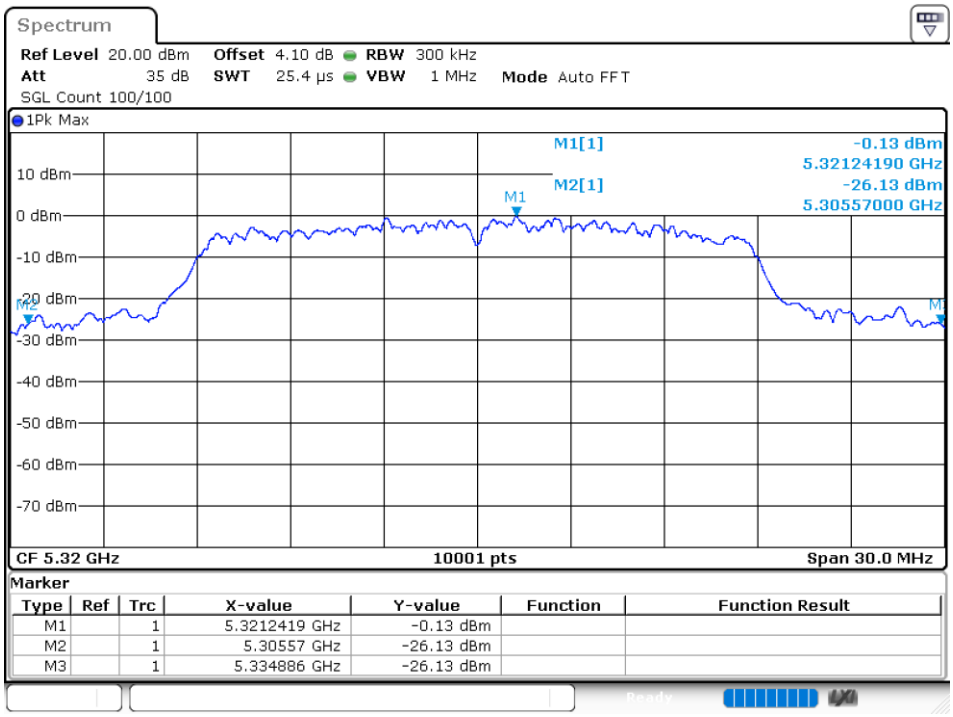
-26dB Bandwidth NVNT ac20 5260MHz Ant1



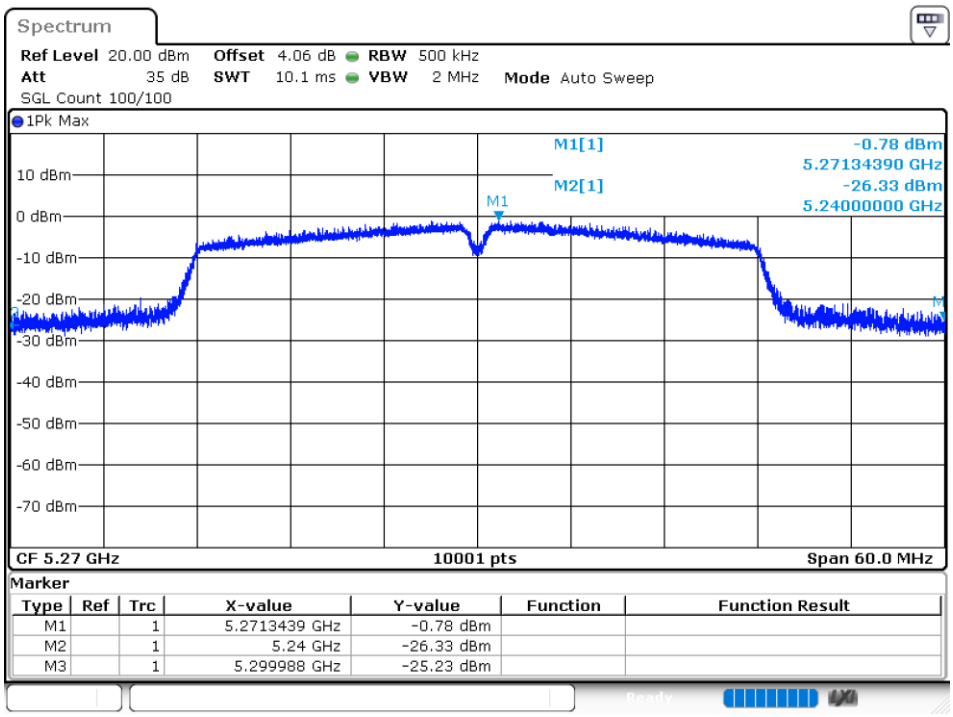
-26dB Bandwidth NVNT ac20 5280MHz Ant1



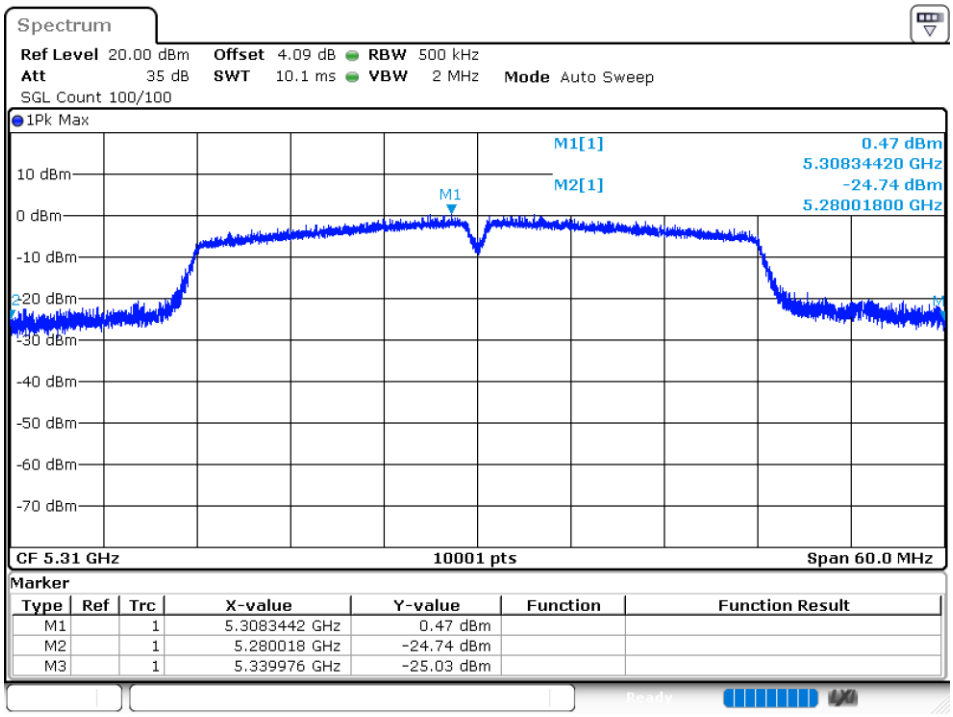
-26dB Bandwidth NVNT ac20 5320MHz Ant1



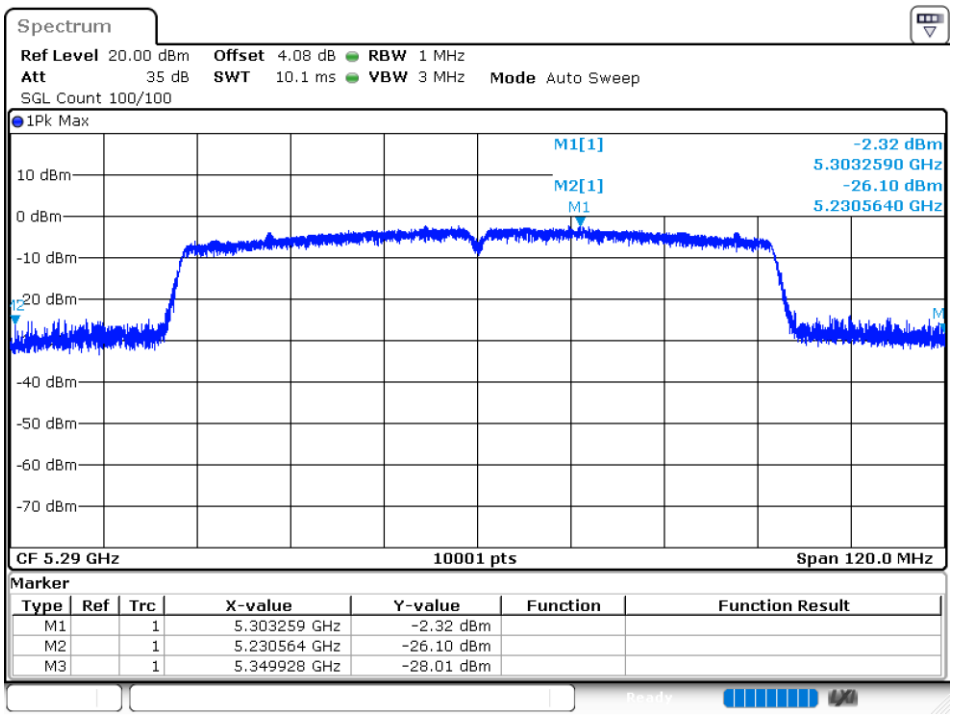
-26dB Bandwidth NVNT ac40 5270MHz Ant1



-26dB Bandwidth NVNT ac40 5310MHz Ant1



-26dB Bandwidth NVNT ac80 5290MHz Ant1

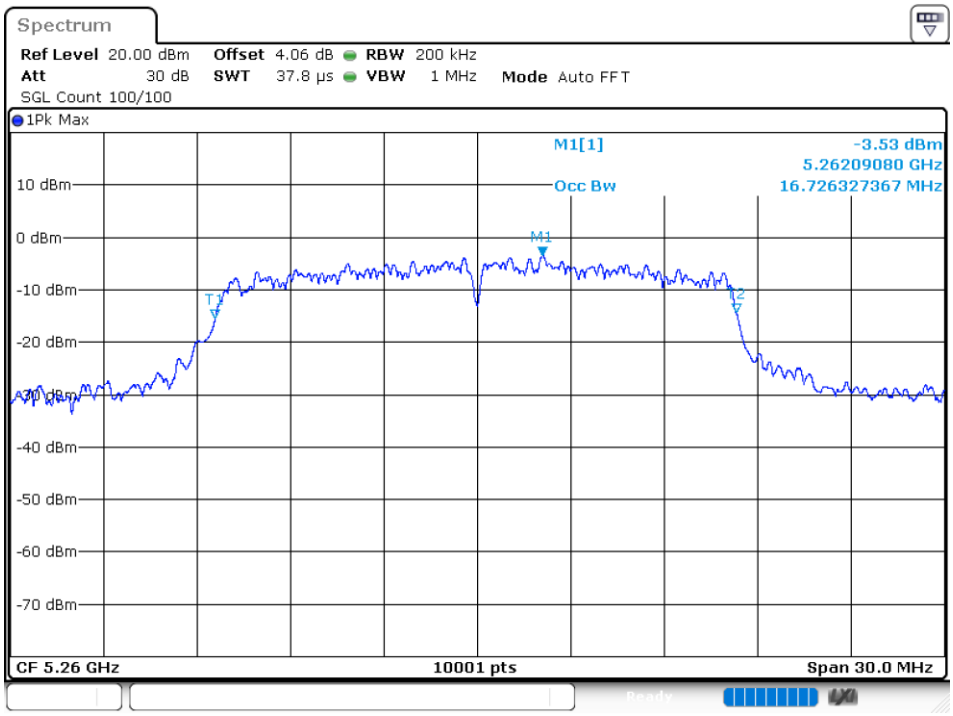


Occupied Channel Bandwidth

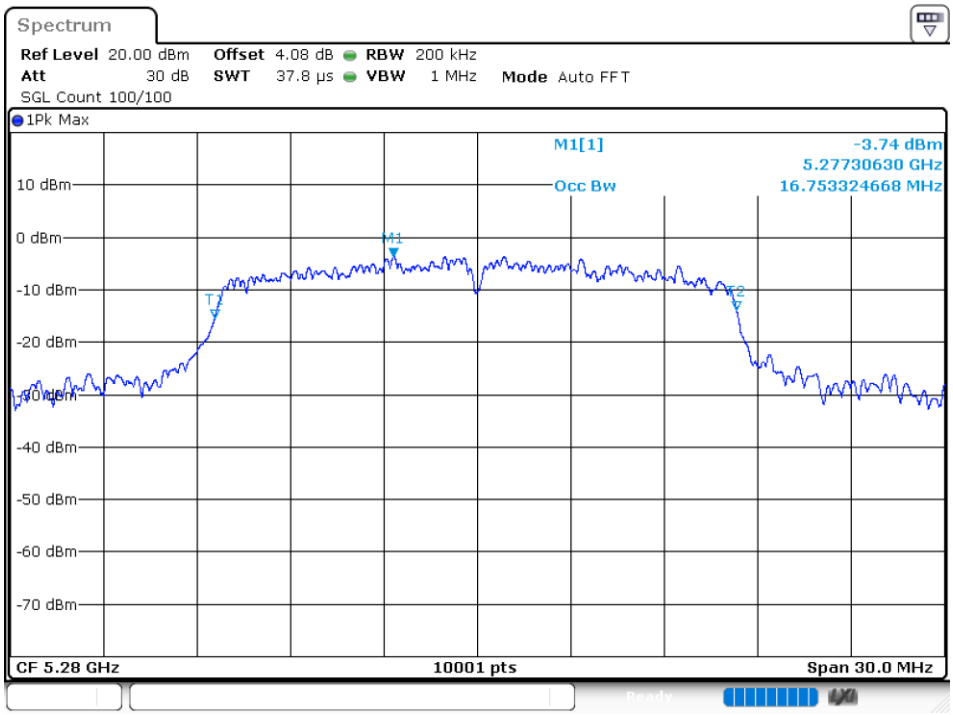
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.726
NVNT	a	5280	Ant1	16.753
NVNT	a	5320	Ant1	16.975
NVNT	n20	5260	Ant1	17.755
NVNT	n20	5280	Ant1	17.866
NVNT	n20	5320	Ant1	17.665
NVNT	n40	5270	Ant1	36.614
NVNT	n40	5310	Ant1	36.698
NVNT	ac20	5260	Ant1	17.848
NVNT	ac20	5280	Ant1	17.98
NVNT	ac20	5320	Ant1	17.779
NVNT	ac40	5270	Ant1	36.578
NVNT	ac40	5310	Ant1	36.59
NVNT	ac80	5290	Ant1	75.58

Test Graphs

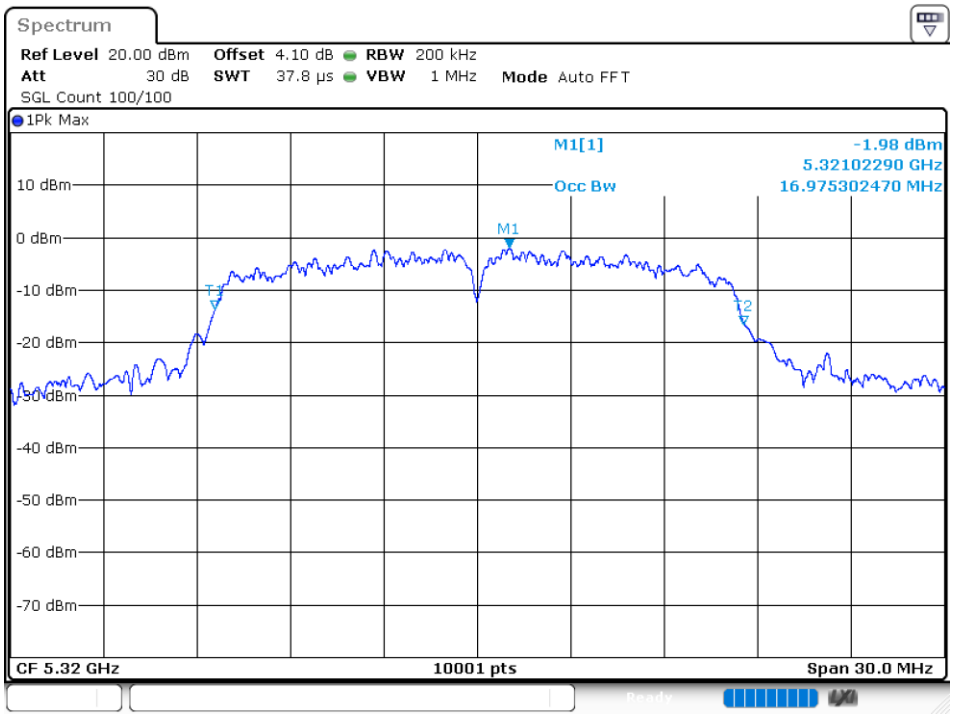
OBW NVNT a 5260MHz Ant1



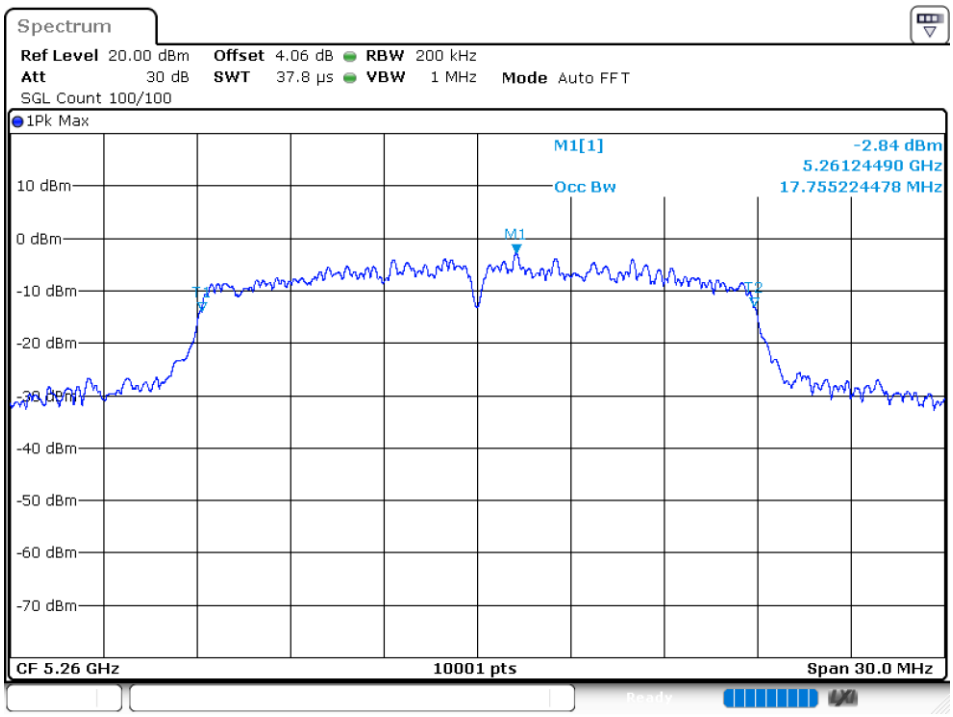
OBW NVNT a 5280MHz Ant1



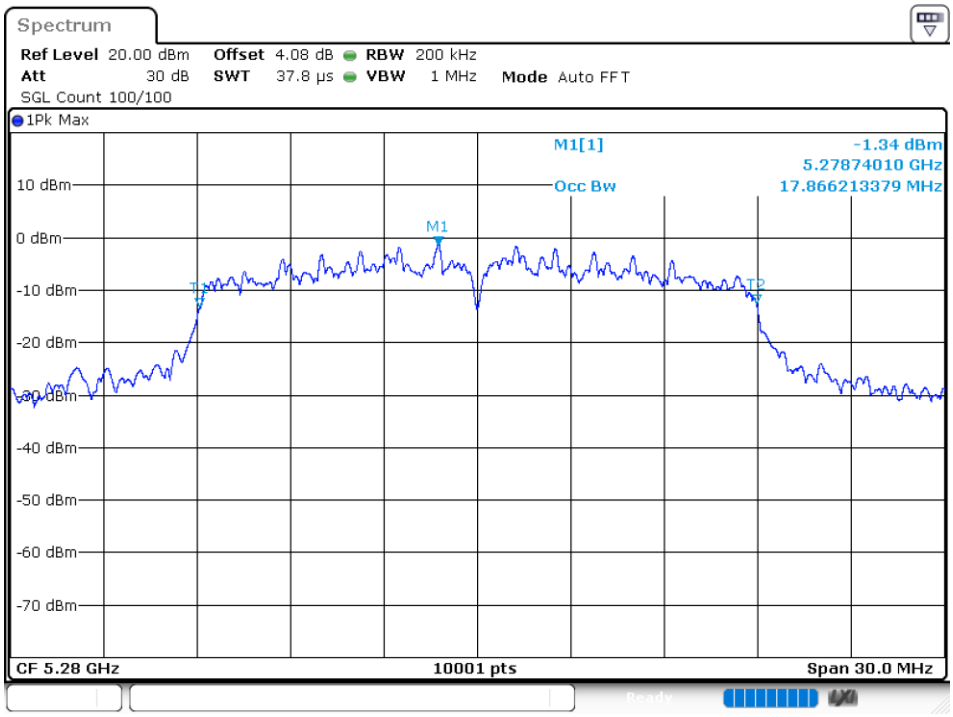
OBW NVNT a 5320MHz Ant1



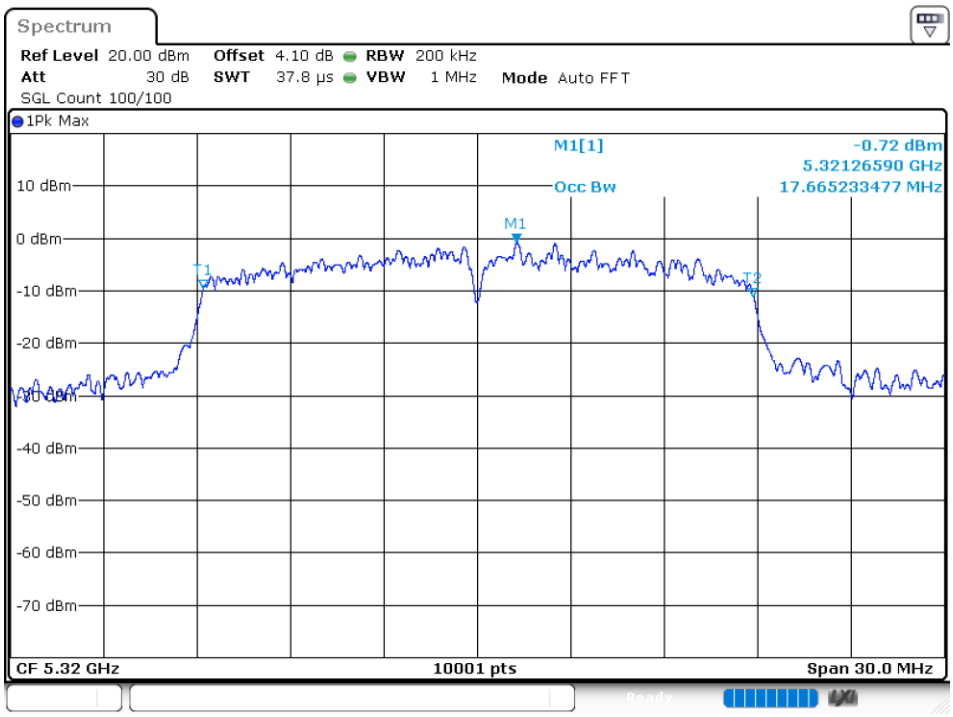
OBW NVNT n20 5260MHz Ant1



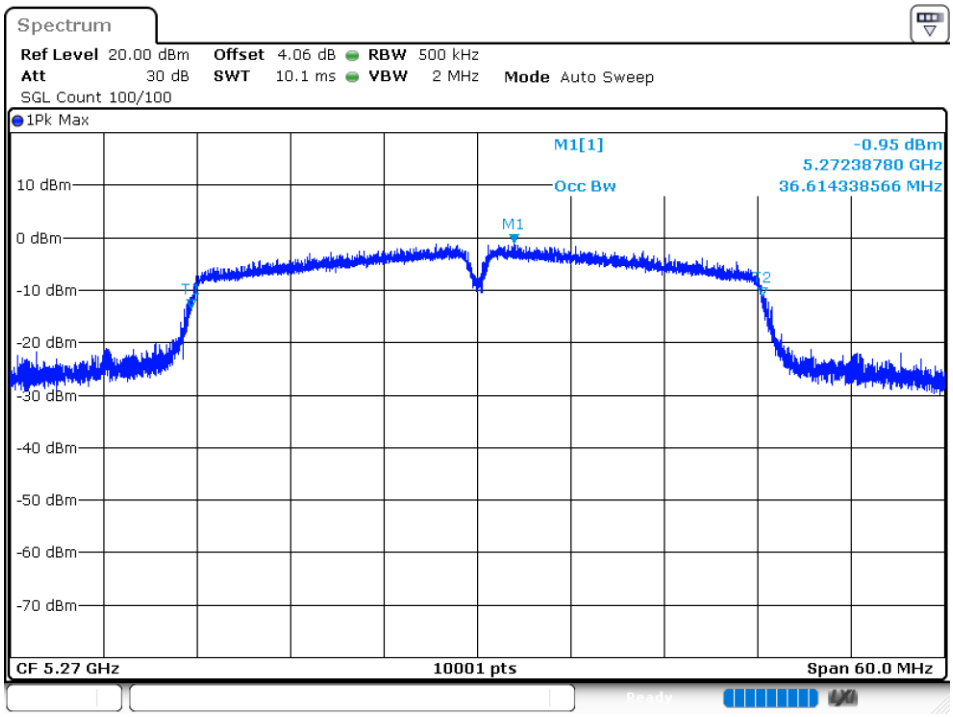
OBW NVNT n20 5280MHz Ant1



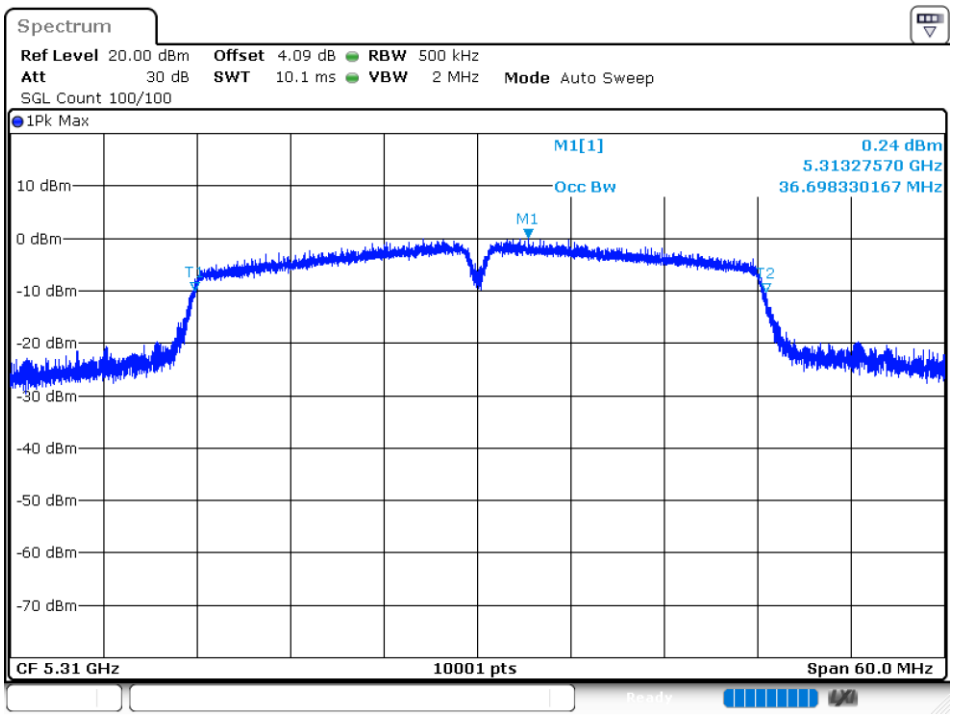
OBW NVNT n20 5320MHz Ant1



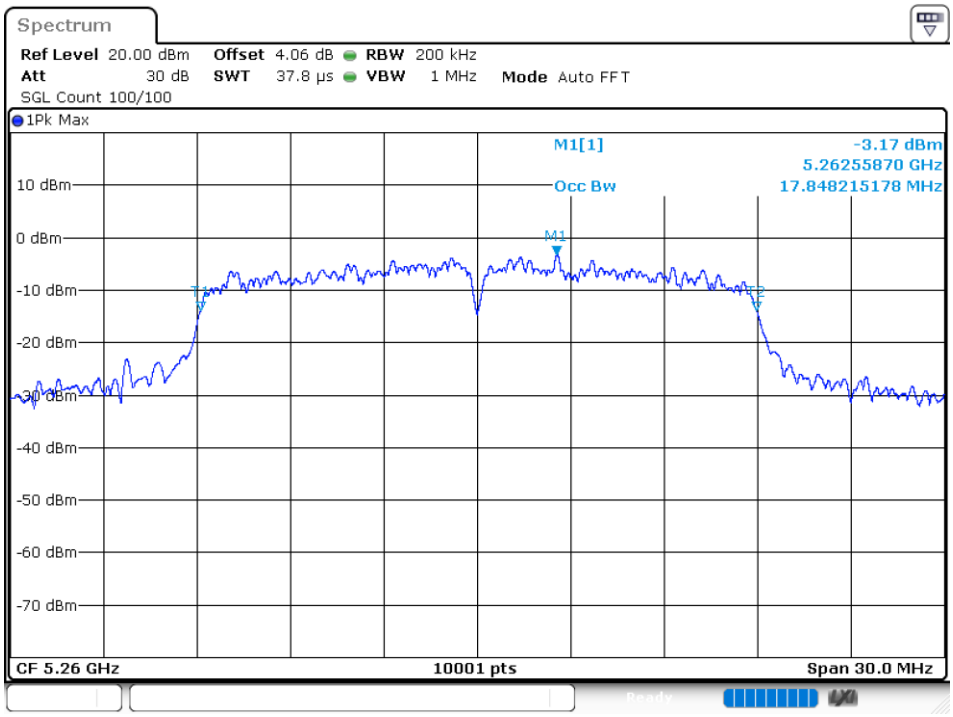
OBW NVNT n40 5270MHz Ant1



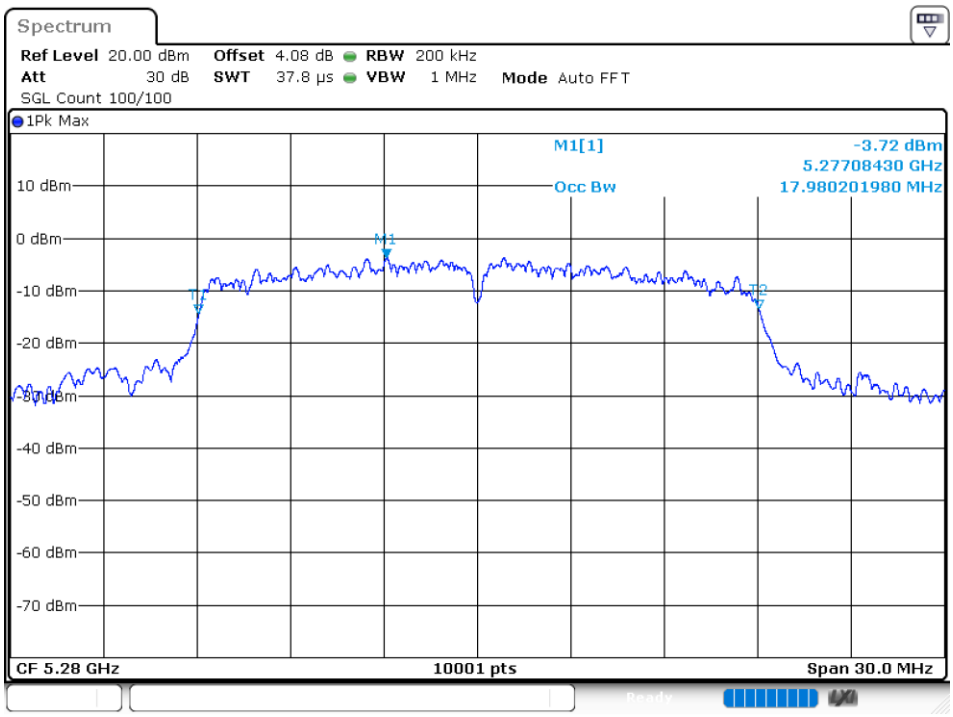
OBW NVNT n40 5310MHz Ant1



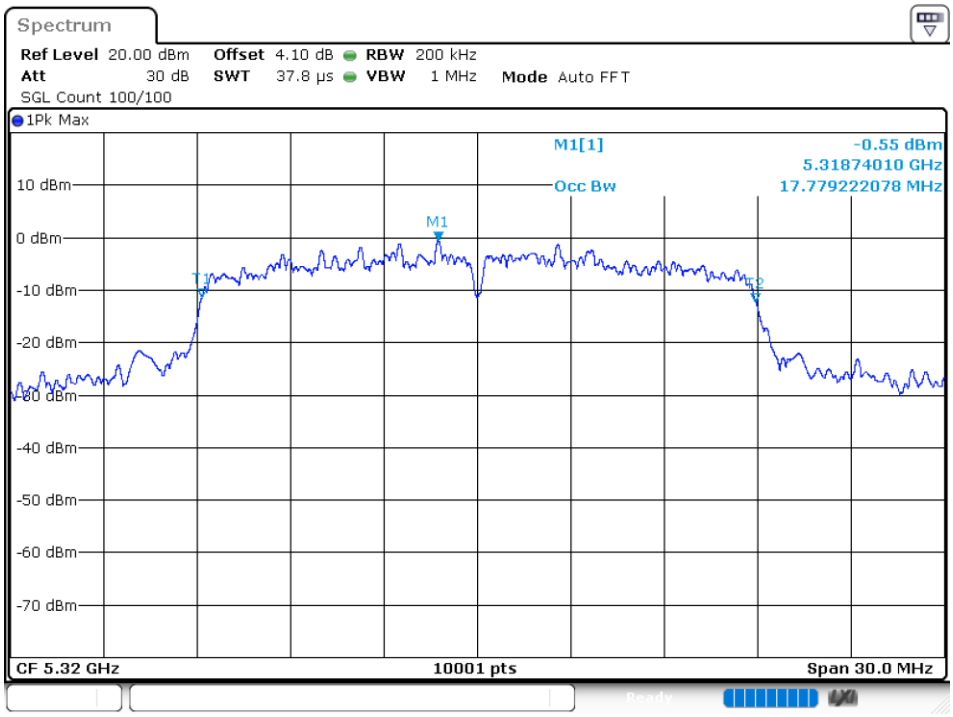
OBW NVNT ac20 5260MHz Ant1



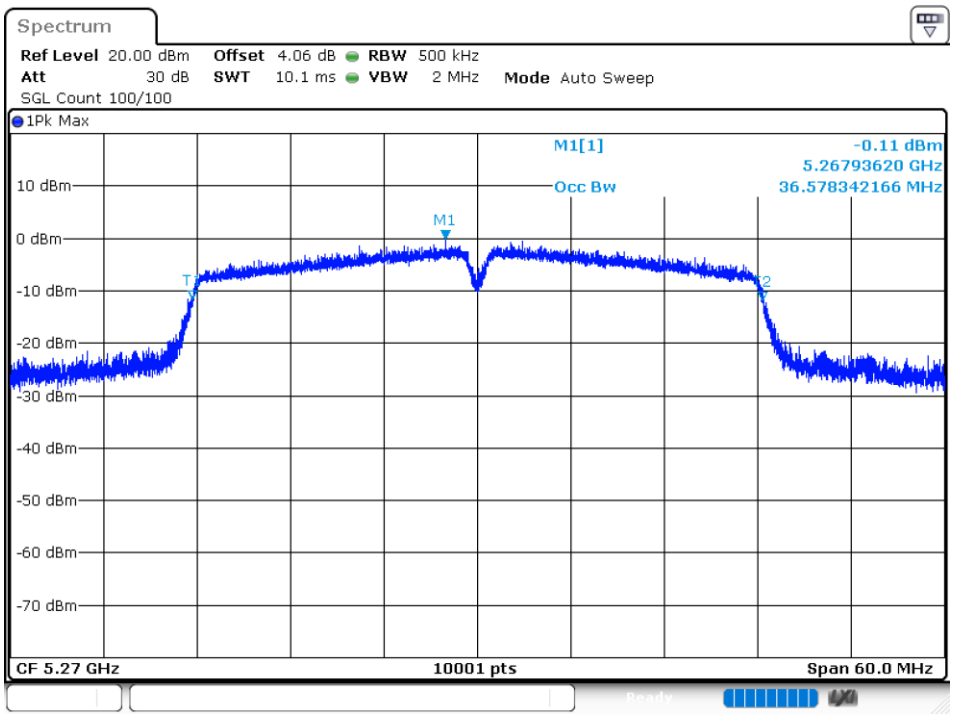
OBW NVNT ac20 5280MHz Ant1



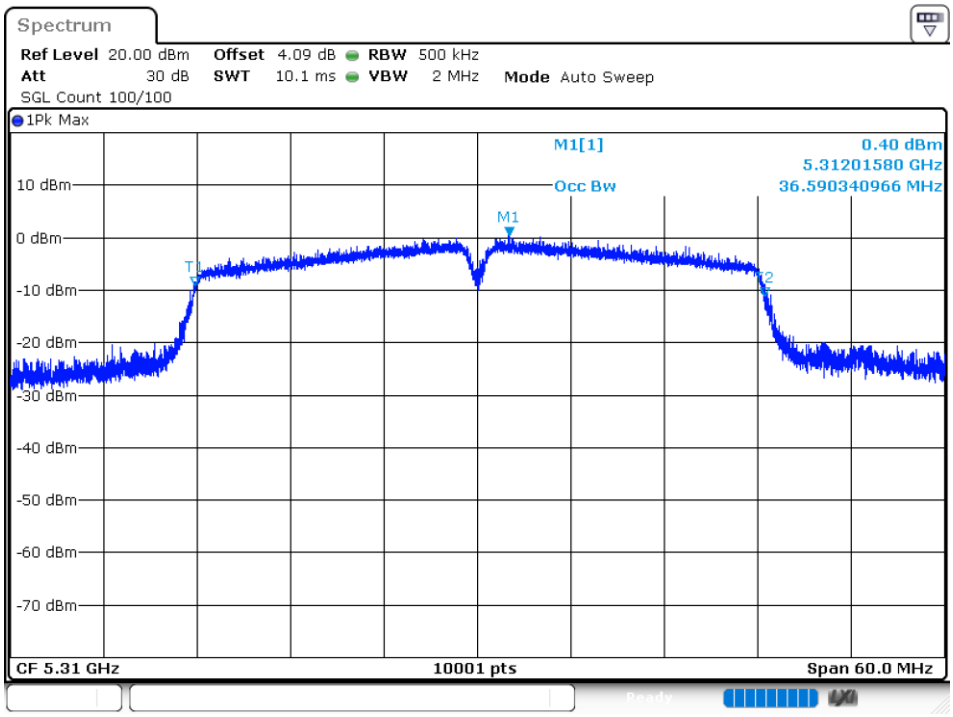
OBW NVNT ac20 5320MHz Ant1



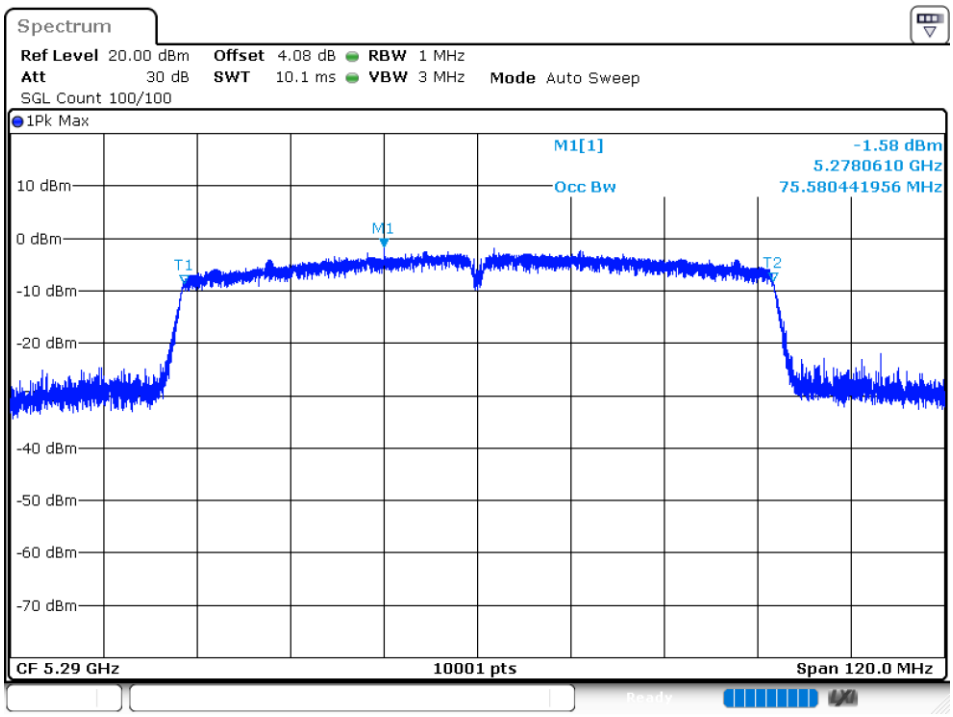
OBW NVNT ac40 5270MHz Ant1



OBW NVNT ac40 5310MHz Ant1



OBW NVNT ac80 5290MHz Ant1

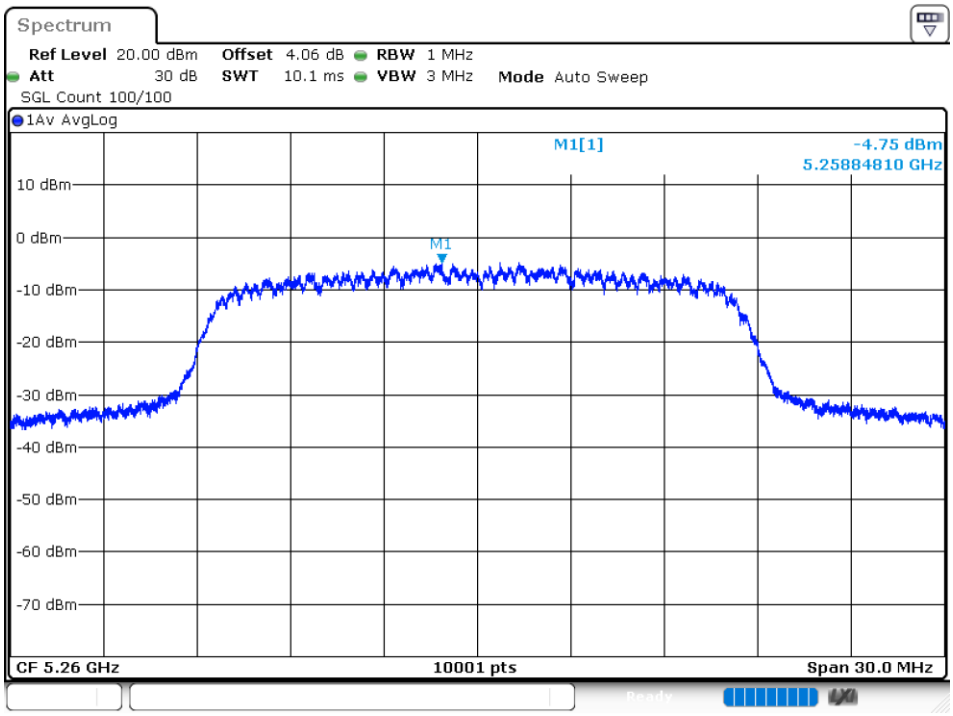


Maximum Power Spectral Density Level

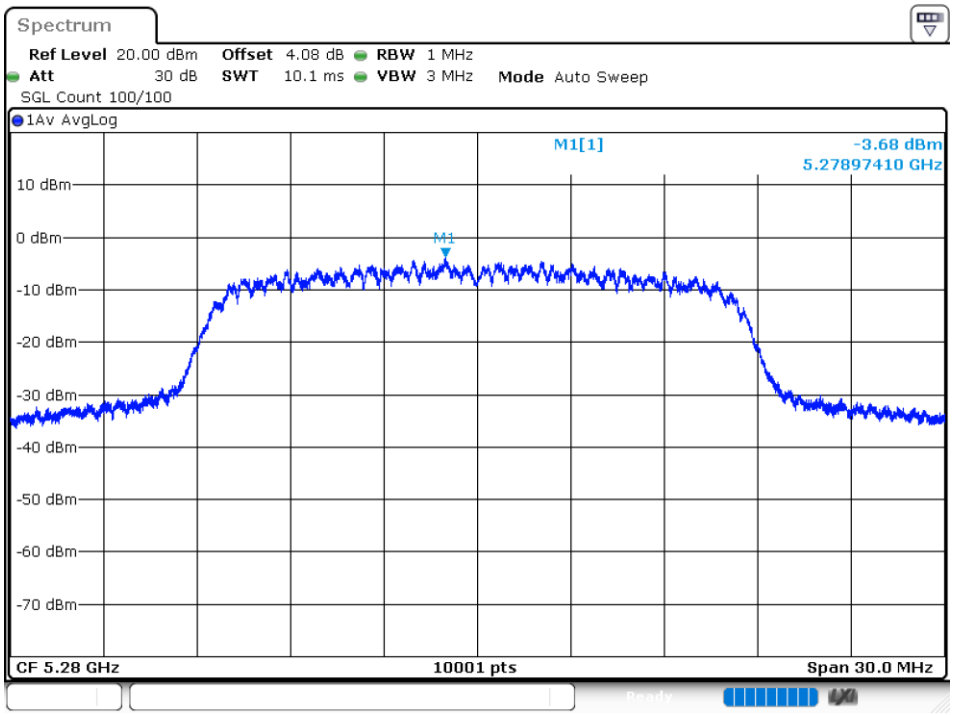
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-4.75	0.1	-4.65	11	Pass
NVNT	a	5280	Ant1	-3.68	0.11	-3.57	11	Pass
NVNT	a	5320	Ant1	-3.21	0.11	-3.1	11	Pass
NVNT	n20	5260	Ant1	-5.25	0.11	-5.14	11	Pass
NVNT	n20	5280	Ant1	-4.52	0.11	-4.41	11	Pass
NVNT	n20	5320	Ant1	-3.32	0.11	-3.21	11	Pass
NVNT	n40	5270	Ant1	-7.12	0.22	-6.9	11	Pass
NVNT	n40	5310	Ant1	-8.14	0.22	-7.92	11	Pass
NVNT	ac20	5260	Ant1	-4.75	0.11	-4.64	11	Pass
NVNT	ac20	5280	Ant1	-4.5	0.11	-4.39	11	Pass
NVNT	ac20	5320	Ant1	-3.14	0.11	-3.03	11	Pass
NVNT	ac40	5270	Ant1	-7.83	0.22	-7.61	11	Pass
NVNT	ac40	5310	Ant1	-9.08	0.22	-8.86	11	Pass
NVNT	ac80	5290	Ant1	-14.6	0.44	-14.16	11	Pass

Test Graphs

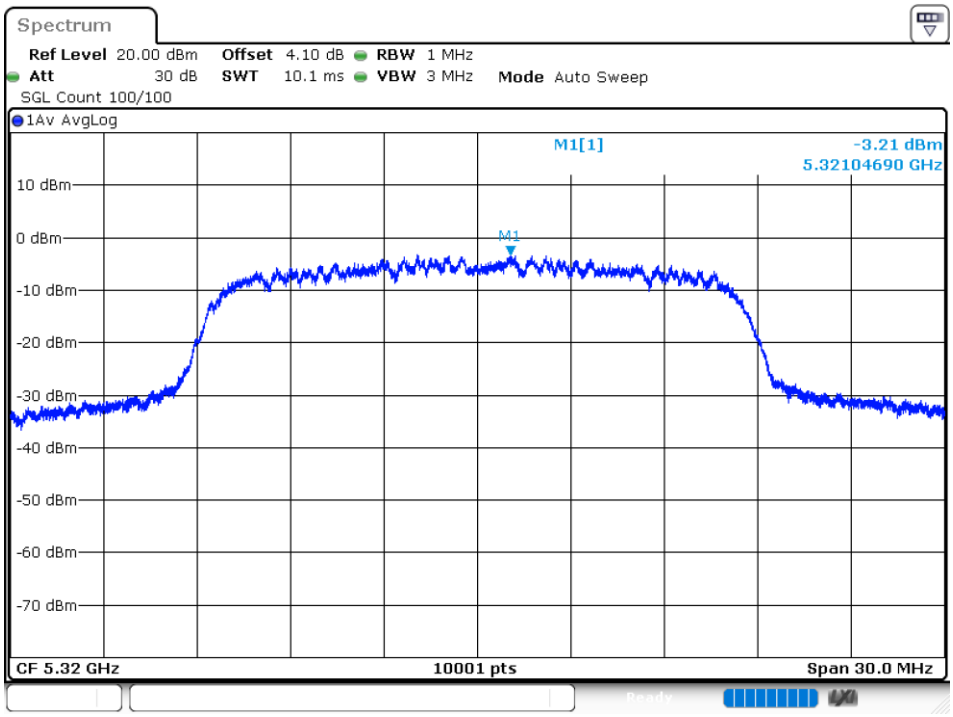
PSD NVNT a 5260MHz Ant1



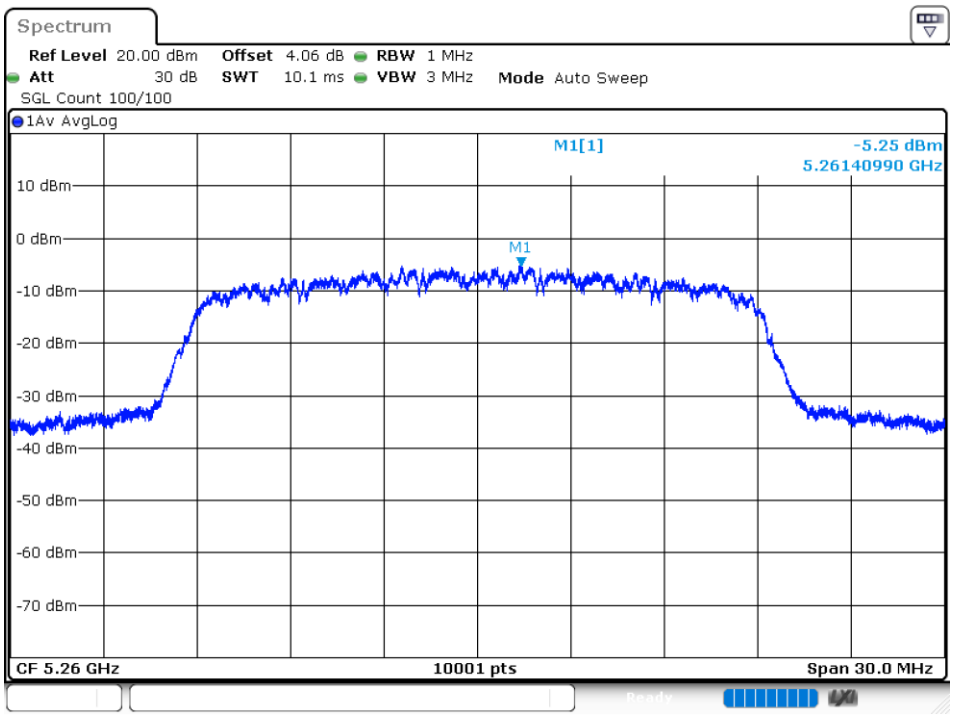
PSD NVNT a 5280MHz Ant1



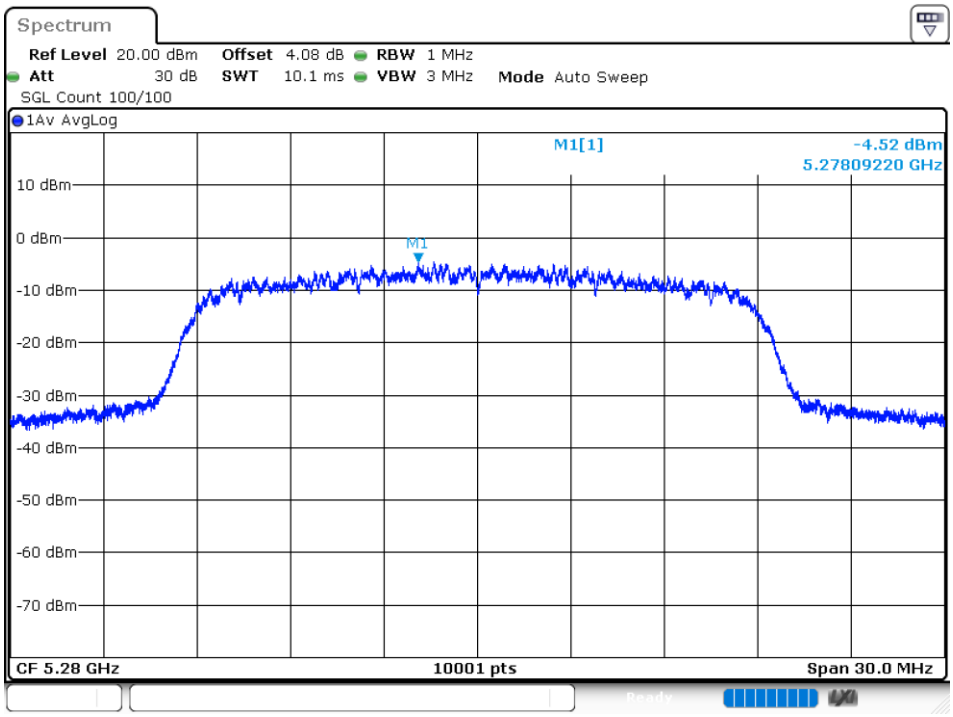
PSD NVNT a 5320MHz Ant1



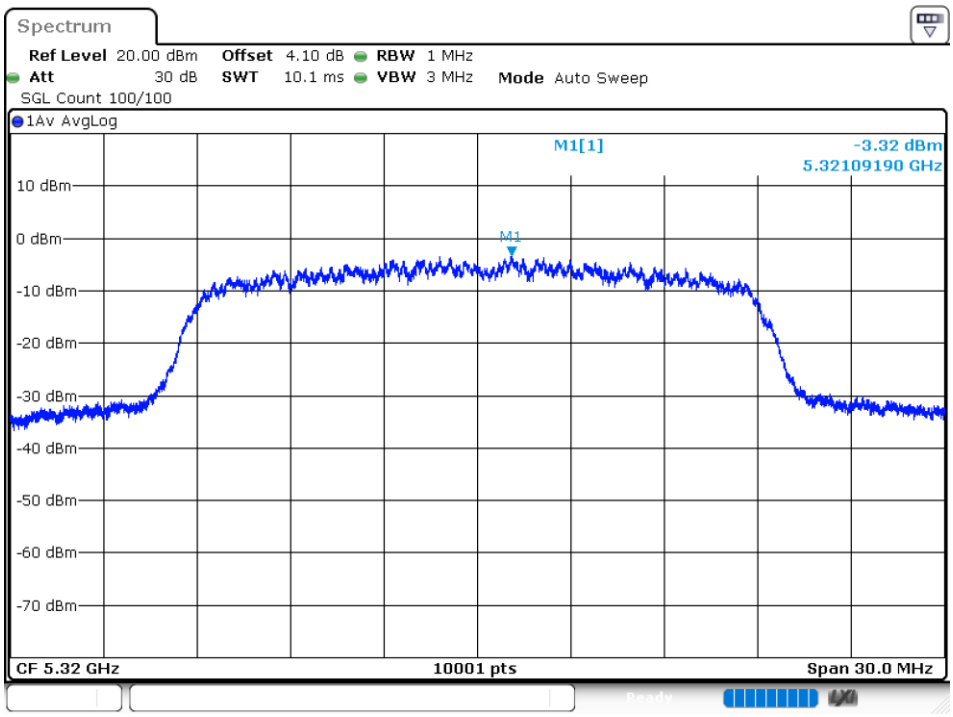
PSD NVNT n20 5260MHz Ant1



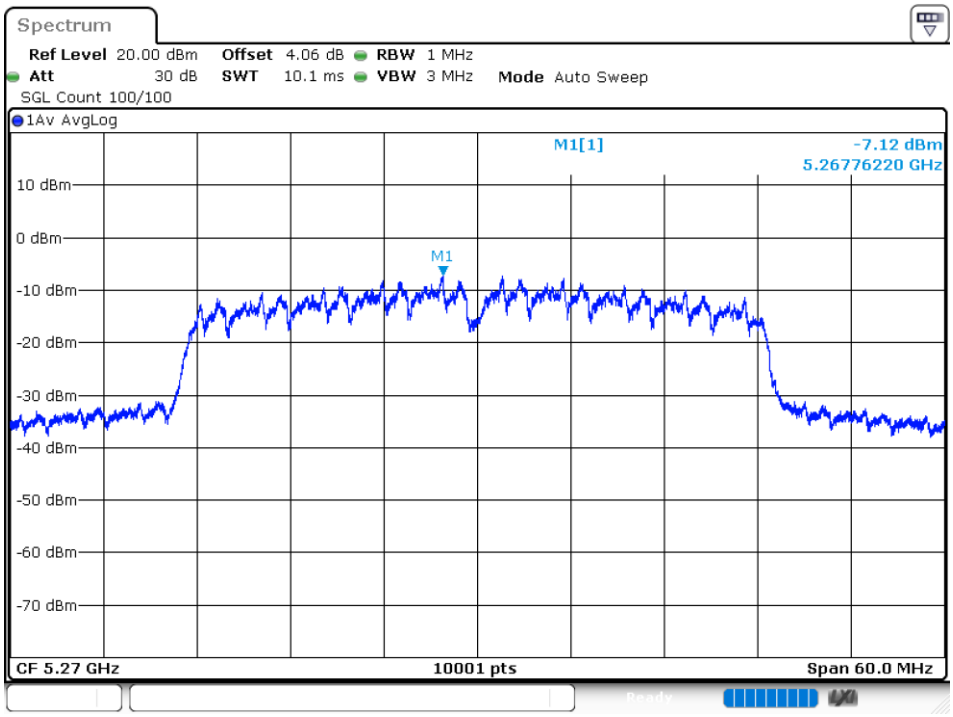
PSD NVNT n20 5280MHz Ant1



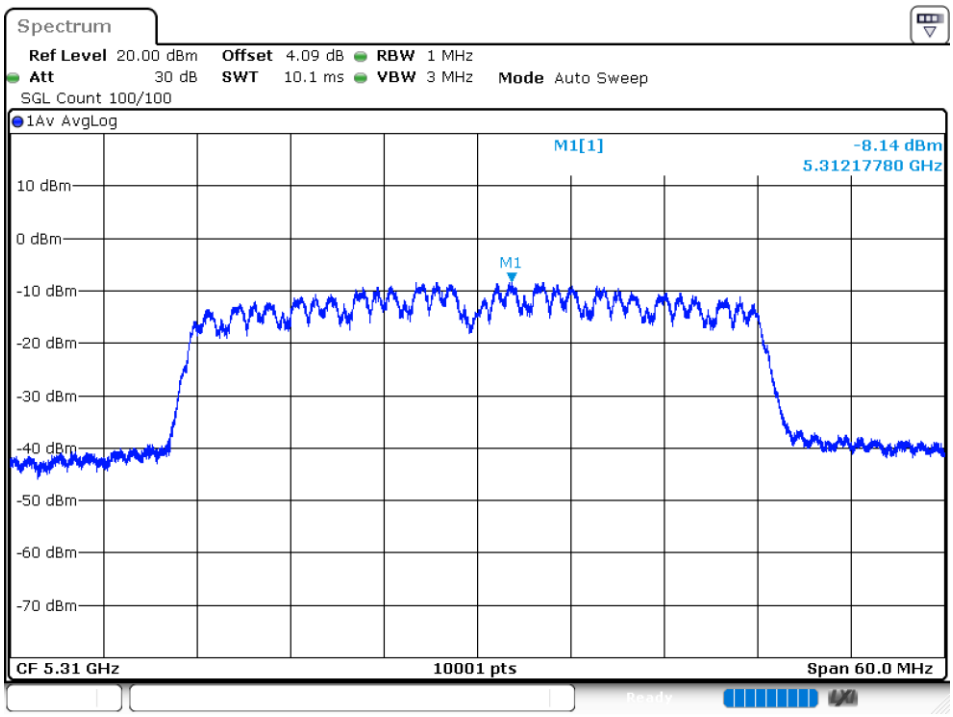
PSD NVNT n20 5320MHz Ant1



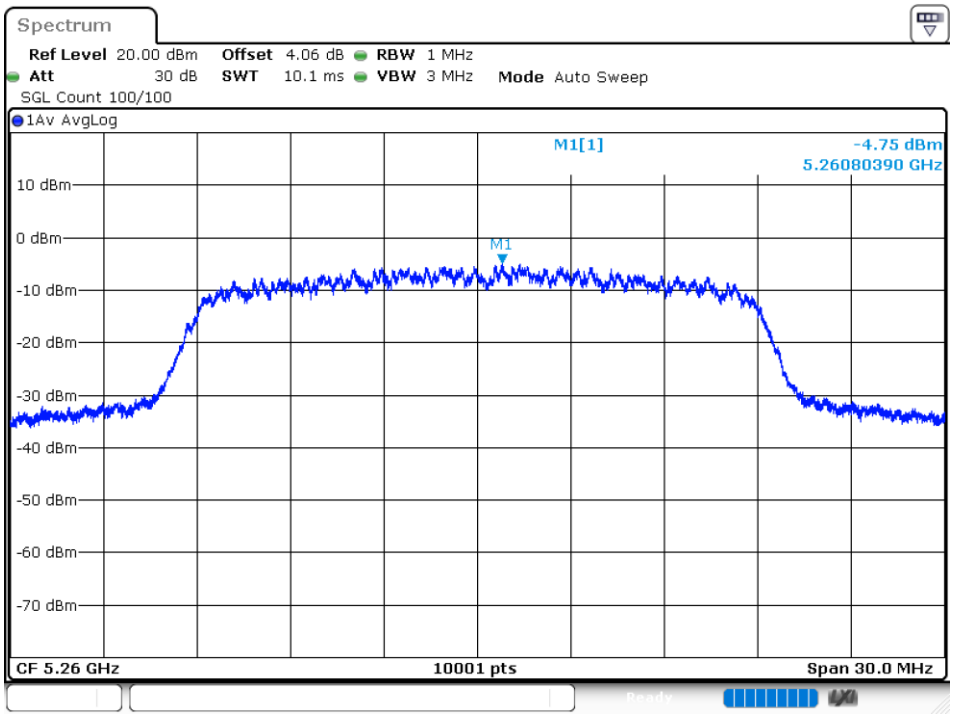
PSD NVNT n40 5270MHz Ant1



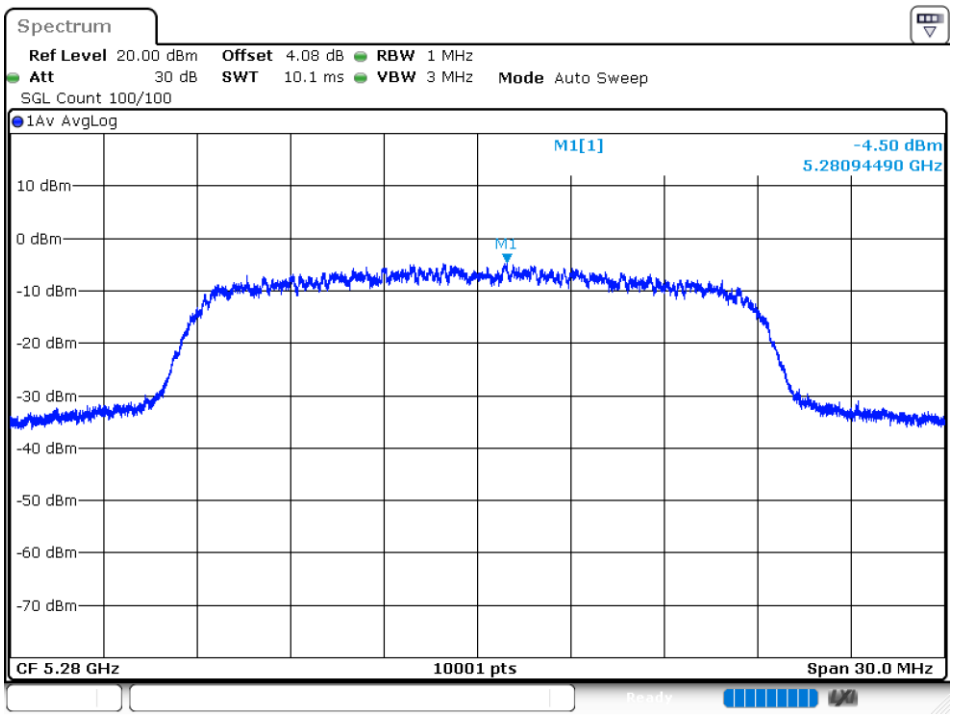
PSD NVNT n40 5310MHz Ant1



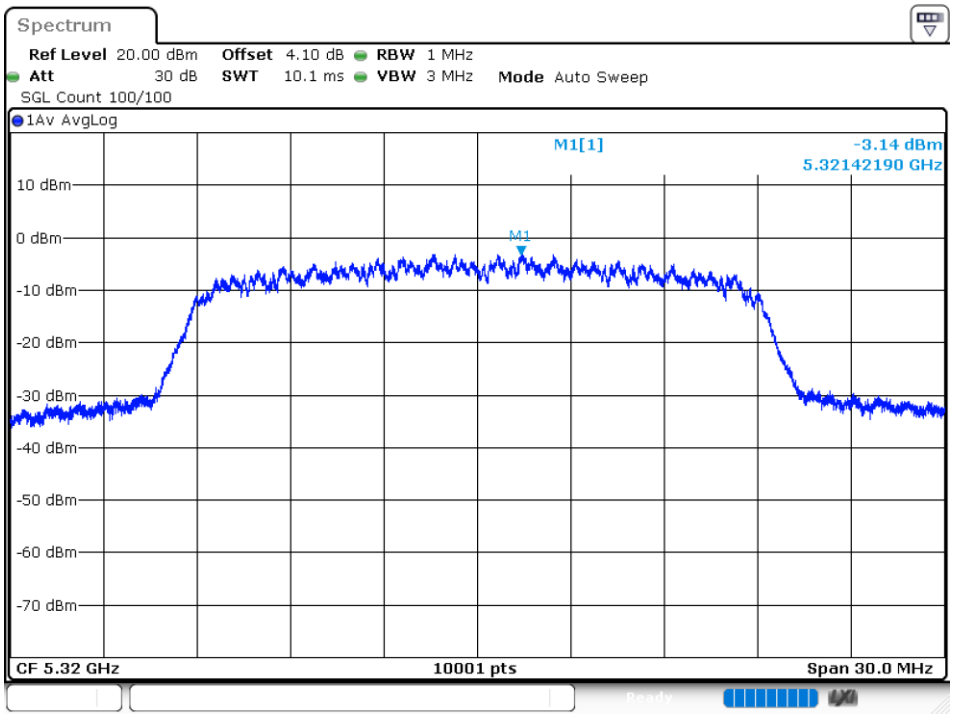
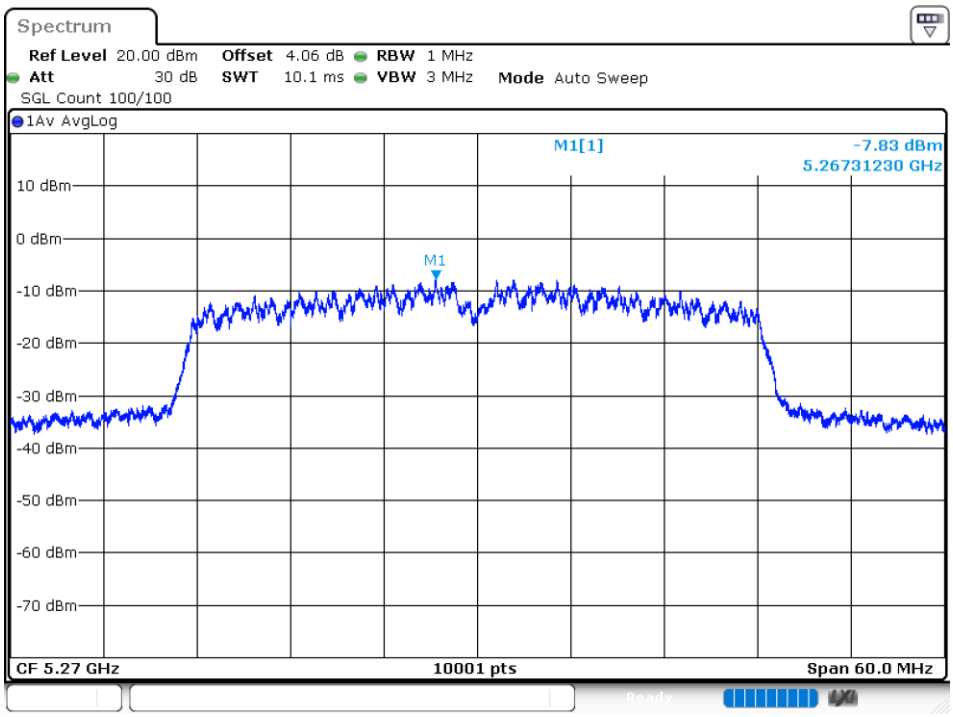
PSD NVNT ac20 5260MHz Ant1



PSD NVNT ac20 5280MHz Ant1



PSD NVNT ac20 5320MHz Ant1



PSD NVNT ac40 5270MHz Ant1