

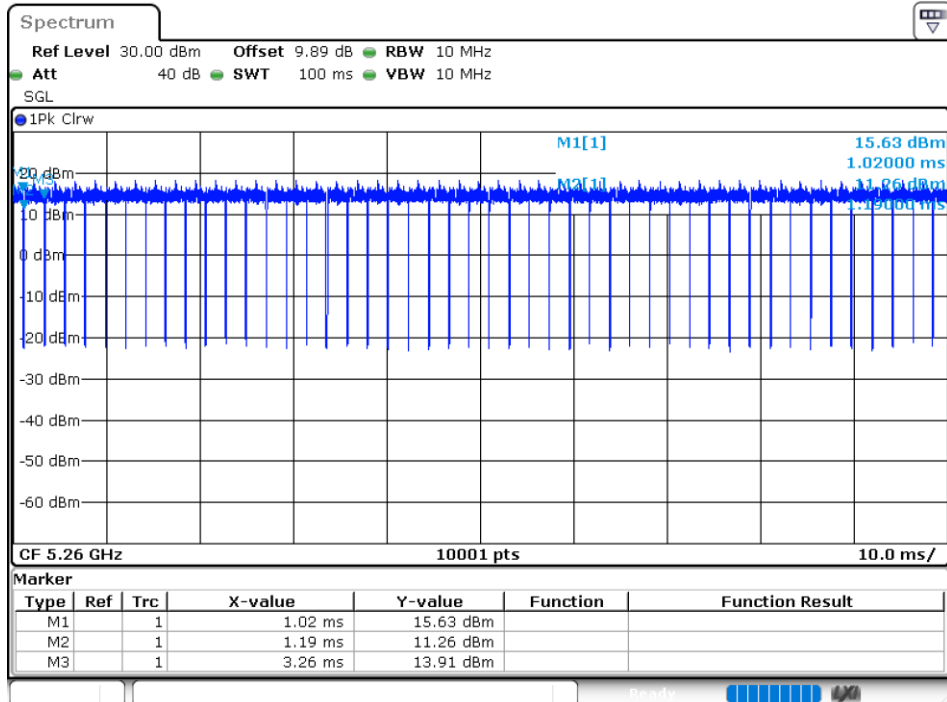
5.3G WIFI

Duty Cycle

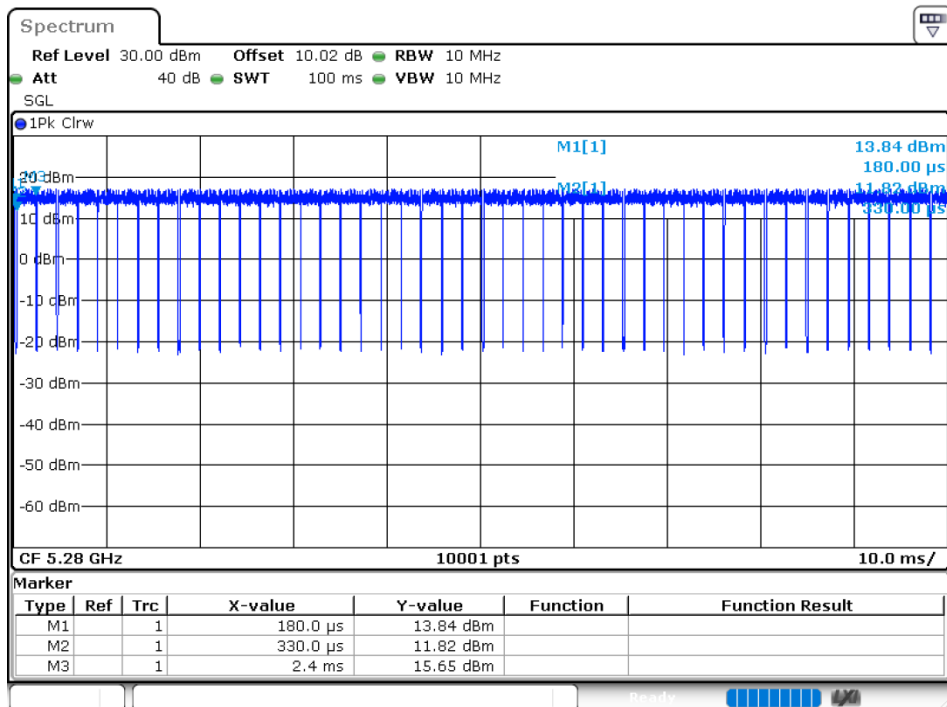
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	95.88	0.18	0.48
NVNT	a	5280	Ant1	95.29	0.21	0.48
NVNT	a	5320	Ant1	95.4	0.2	0.49
NVNT	n20	5260	Ant1	95.12	0.22	0.52
NVNT	n20	5280	Ant1	95.14	0.22	0.52
NVNT	n20	5320	Ant1	95.37	0.21	0.52
NVNT	n40	5270	Ant1	91.16	0.4	1.06
NVNT	n40	5310	Ant1	90.86	0.42	1.05
NVNT	ac20	5260	Ant1	95.9	0.18	0.52
NVNT	ac20	5280	Ant1	95.57	0.2	0.52
NVNT	ac20	5320	Ant1	95.08	0.22	0.52
NVNT	ac40	5270	Ant1	91.56	0.38	1.05
NVNT	ac40	5310	Ant1	91.5	0.39	1.05
NVNT	ac80	5290	Ant1	83.35	0.79	2.17

Test Graphs

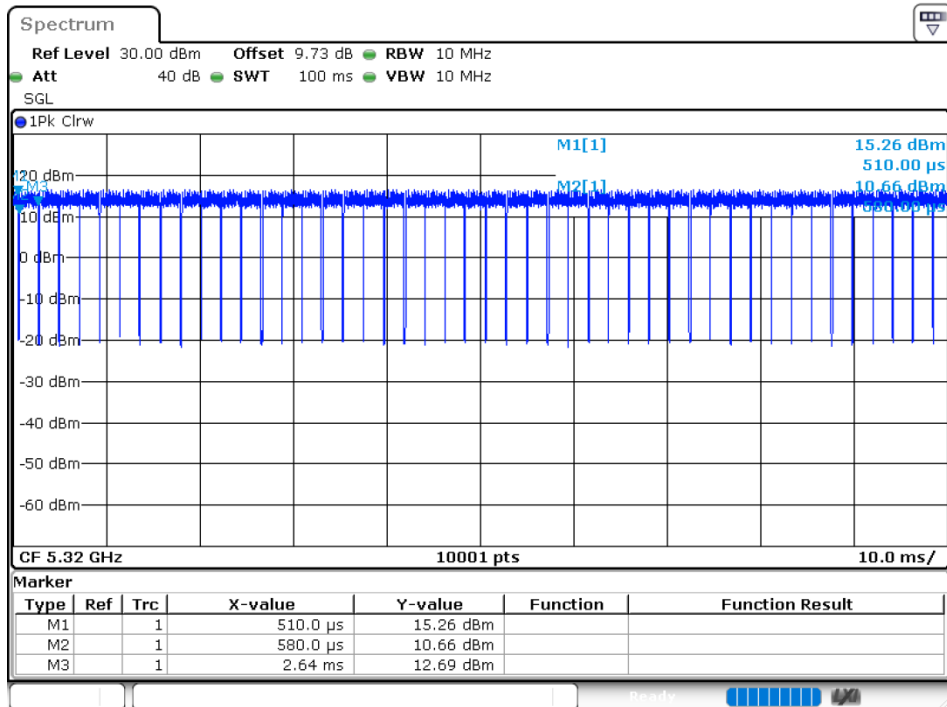
Duty Cycle NVNT a 5260MHz Ant1



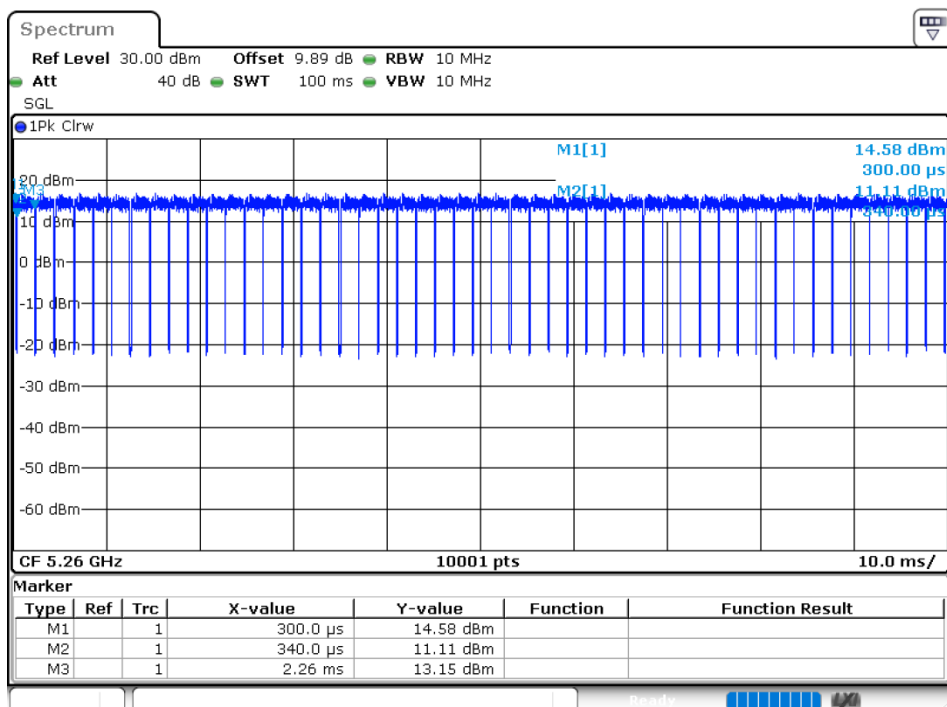
Duty Cycle NVNT a 5280MHz Ant1



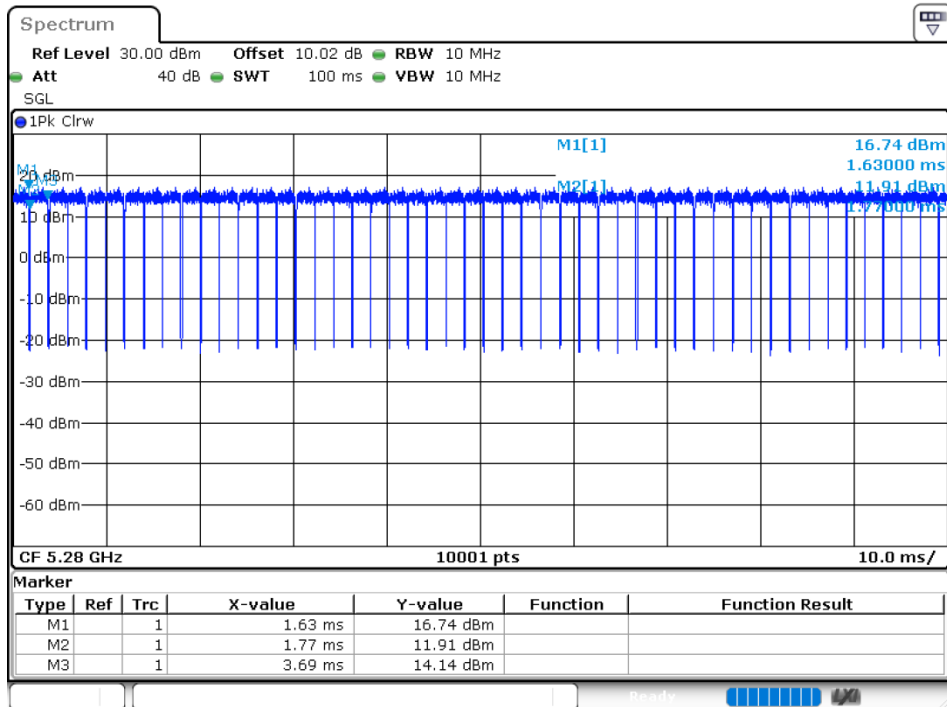
Duty Cycle NVNT a 5320MHz Ant1



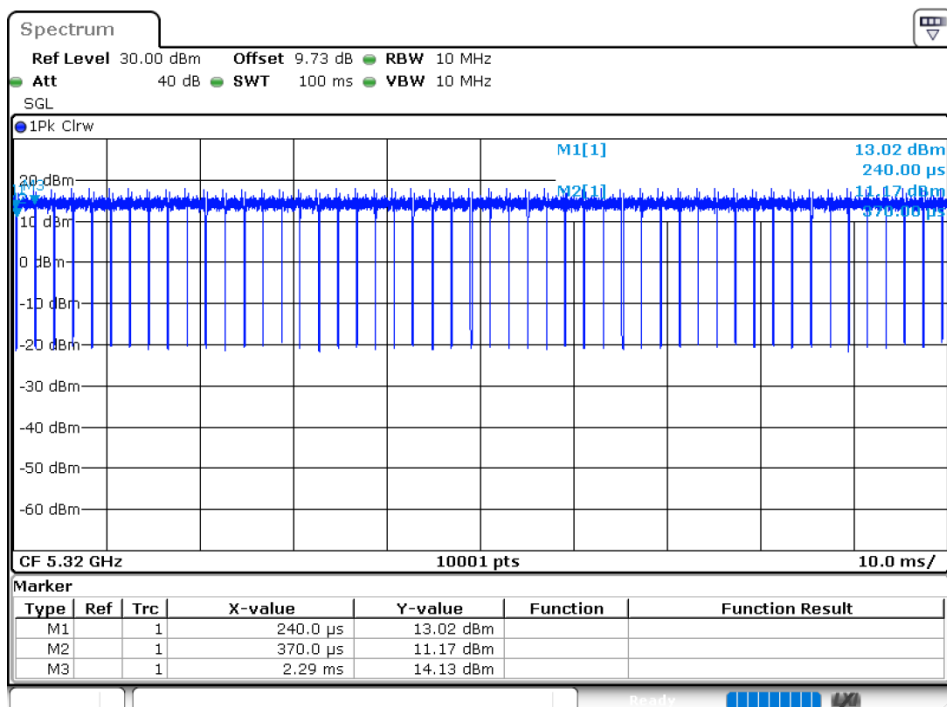
Duty Cycle NVNT n20 5260MHz Ant1



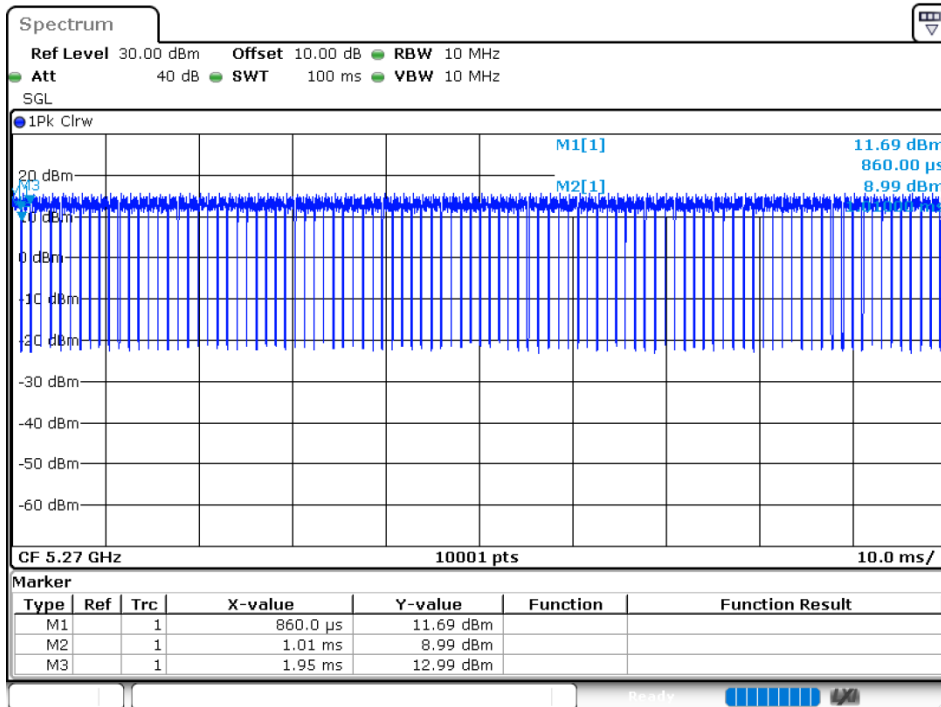
Duty Cycle NVNT n20 5280MHz Ant1



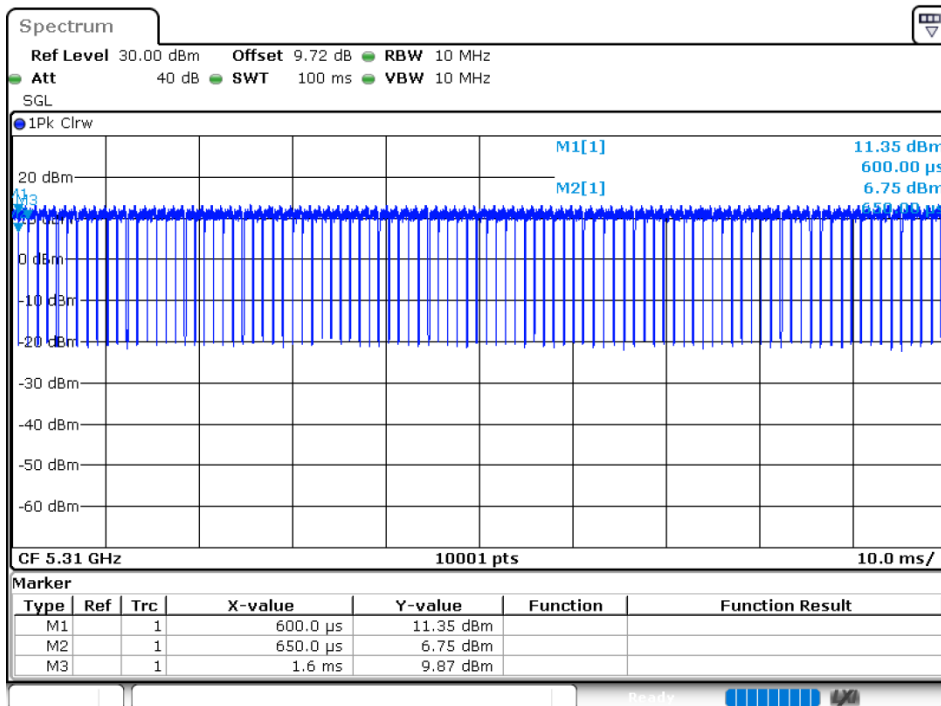
Duty Cycle NVNT n20 5320MHz Ant1



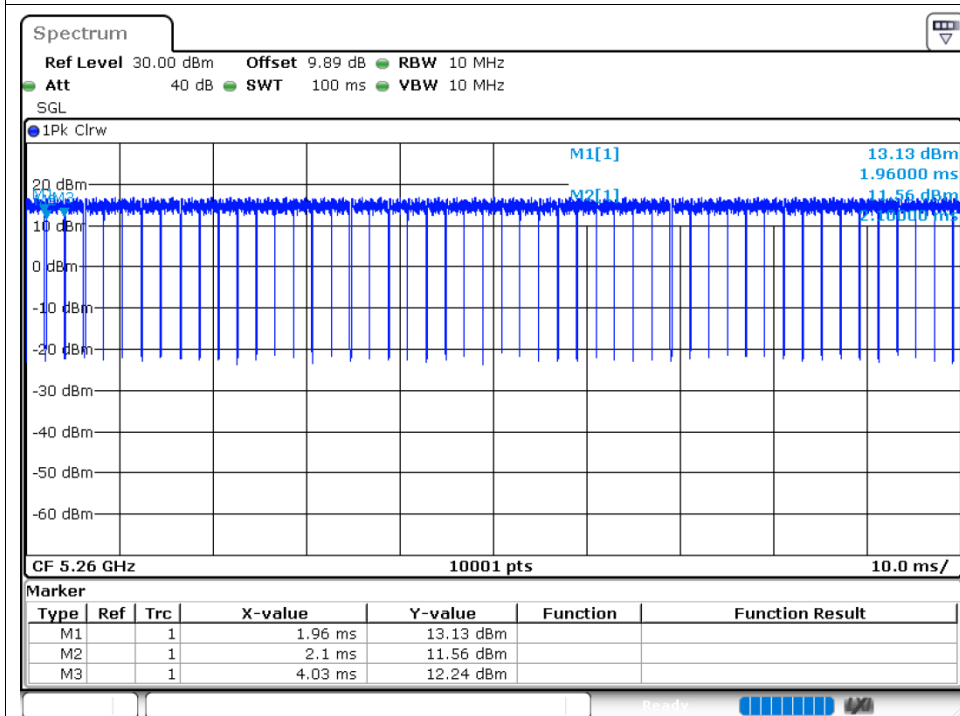
Duty Cycle NVNT n40 5270MHz Ant1



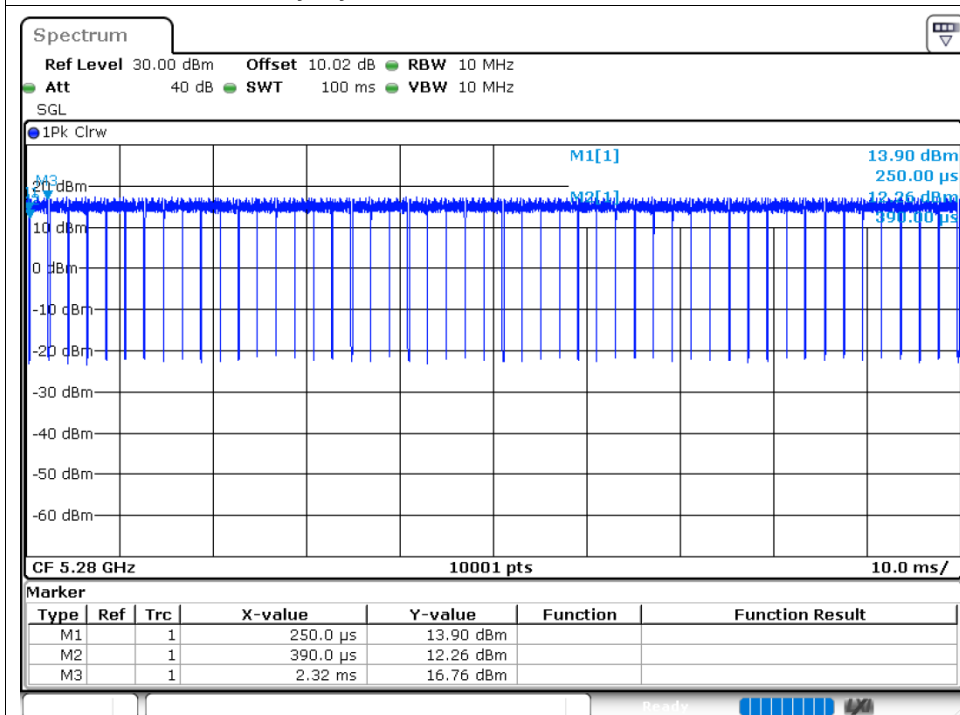
Duty Cycle NVNT n40 5310MHz Ant1



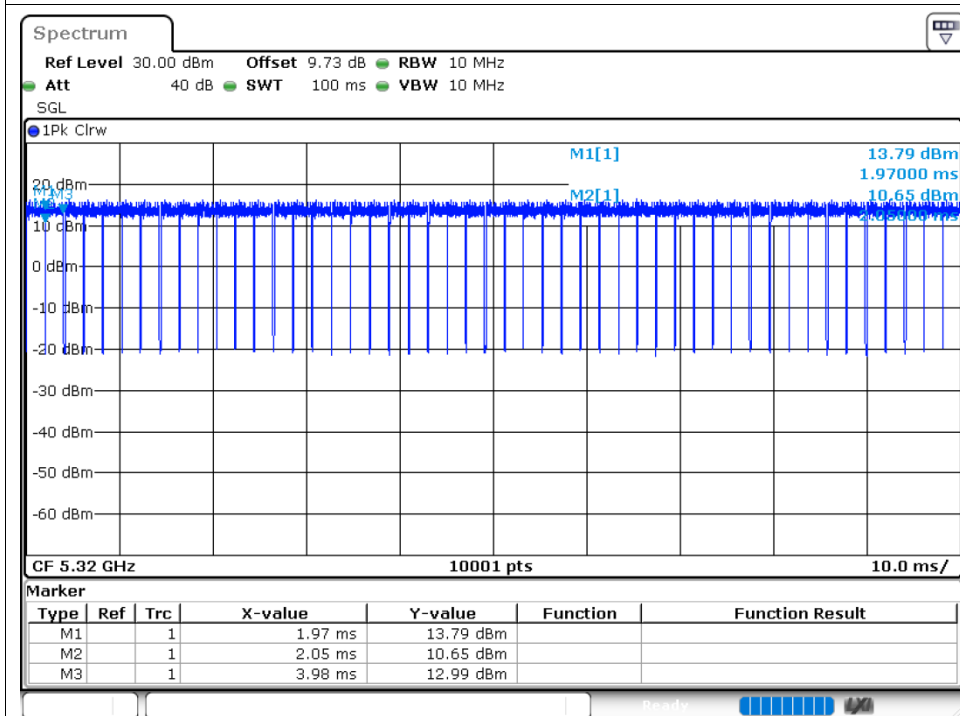
Duty Cycle NVNT ac20 5260MHz Ant1



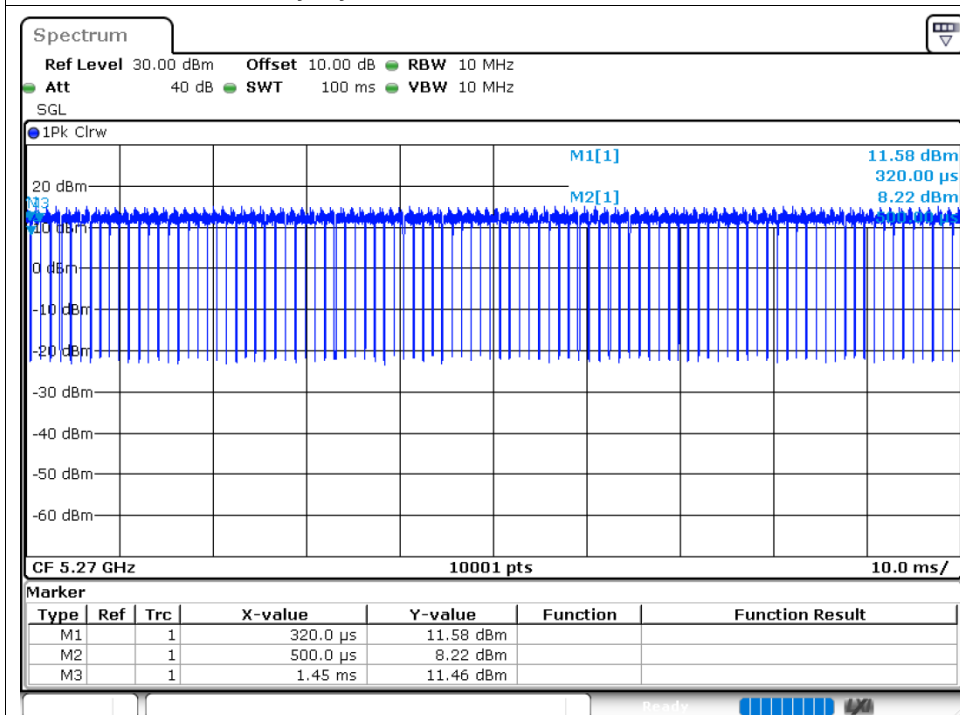
Duty Cycle NVNT ac20 5280MHz Ant1



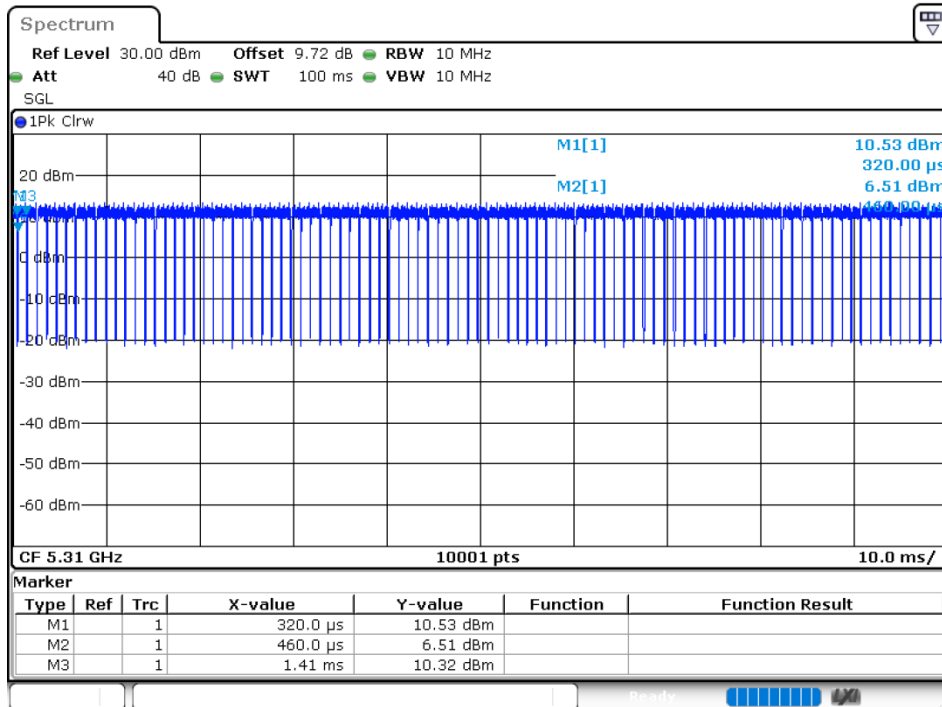
Duty Cycle NVNT ac20 5320MHz Ant1



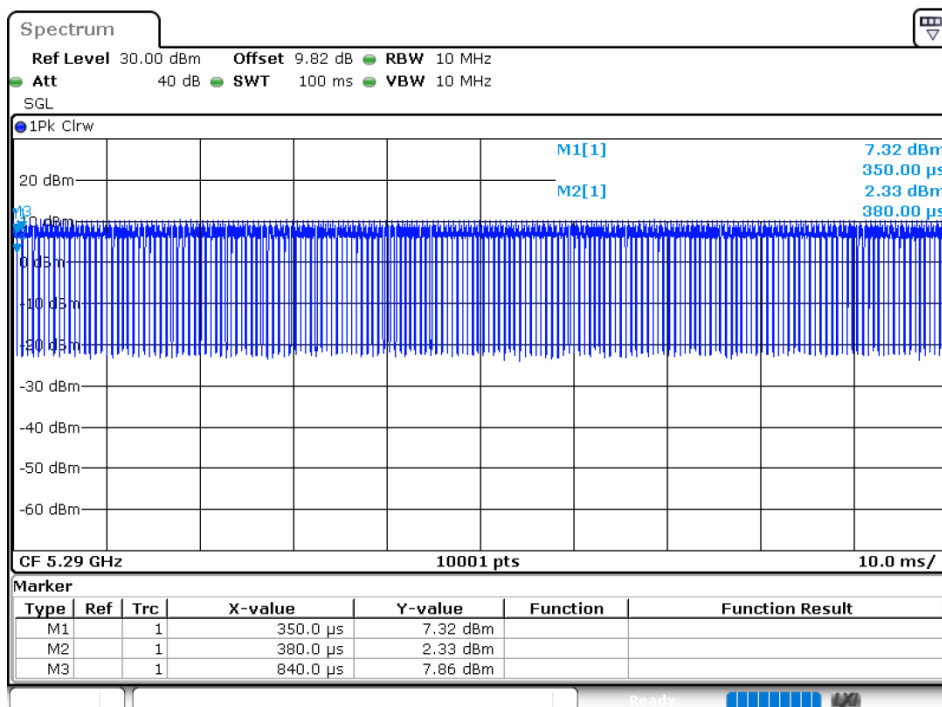
Duty Cycle NVNT ac40 5270MHz Ant1



Duty Cycle NVNT ac40 5310MHz Ant1



Duty Cycle NVNT ac80 5290MHz Ant1



Maximum Conducted Output Power

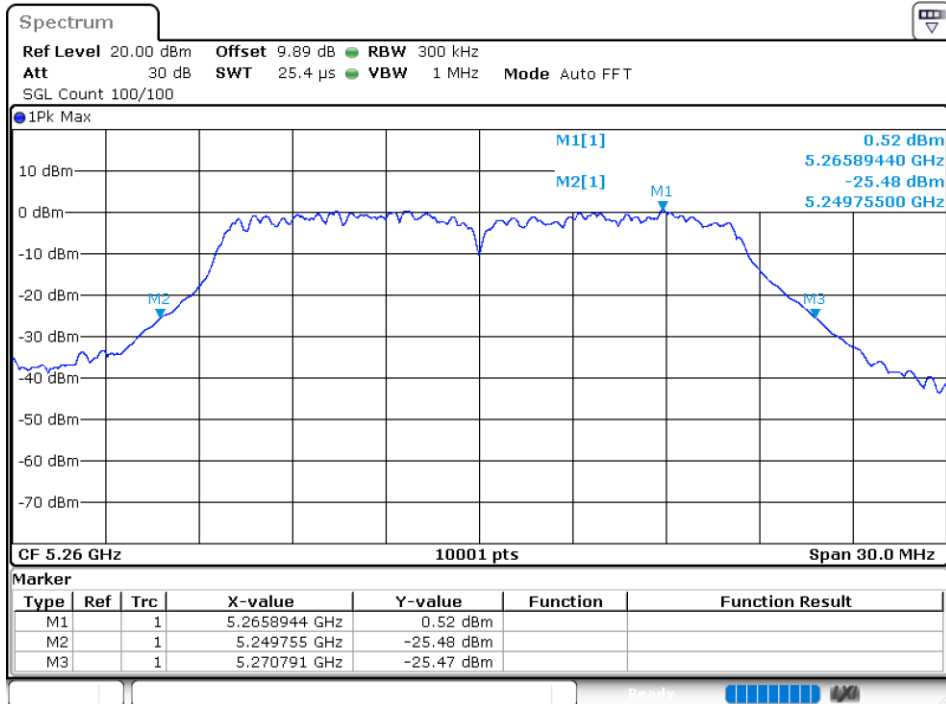
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	8.96	0.18	9.14	24	Pass
NVNT	a	5280	Ant1	8.84	0.21	9.05	24	Pass
NVNT	a	5320	Ant1	9.12	0.2	9.32	24	Pass
NVNT	n20	5260	Ant1	8.86	0.22	9.08	24	Pass
NVNT	n20	5280	Ant1	9.25	0.22	9.47	24	Pass
NVNT	n20	5320	Ant1	9.51	0.21	9.72	24	Pass
NVNT	n40	5270	Ant1	8.92	0.4	9.32	24	Pass
NVNT	n40	5310	Ant1	8.54	0.42	8.96	24	Pass
NVNT	ac20	5260	Ant1	9.34	0.18	9.52	24	Pass
NVNT	ac20	5280	Ant1	9.24	0.2	9.44	24	Pass
NVNT	ac20	5320	Ant1	9.02	0.22	9.24	24	Pass
NVNT	ac40	5270	Ant1	8.76	0.38	9.14	24	Pass
NVNT	ac40	5310	Ant1	8.55	0.39	8.94	24	Pass
NVNT	ac80	5290	Ant1	8	0.79	8.79	24	Pass

-26dB Bandwidth

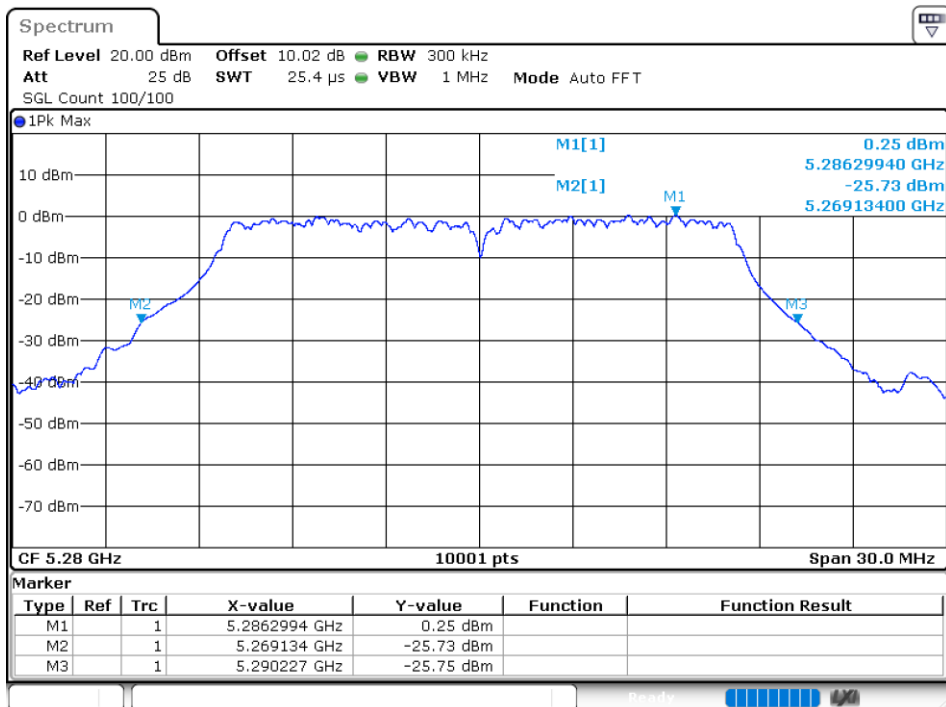
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	21.036	Pass
NVNT	a	5280	Ant1	21.093	Pass
NVNT	a	5320	Ant1	20.355	Pass
NVNT	n20	5260	Ant1	21.687	Pass
NVNT	n20	5280	Ant1	21.51	Pass
NVNT	n20	5320	Ant1	20.835	Pass
NVNT	n40	5270	Ant1	42.3	Pass
NVNT	n40	5310	Ant1	42.45	Pass
NVNT	ac20	5260	Ant1	21.225	Pass
NVNT	ac20	5280	Ant1	21.24	Pass
NVNT	ac20	5320	Ant1	20.994	Pass
NVNT	ac40	5270	Ant1	42.084	Pass
NVNT	ac40	5310	Ant1	42.06	Pass
NVNT	ac80	5290	Ant1	82.26	Pass

Test Graphs

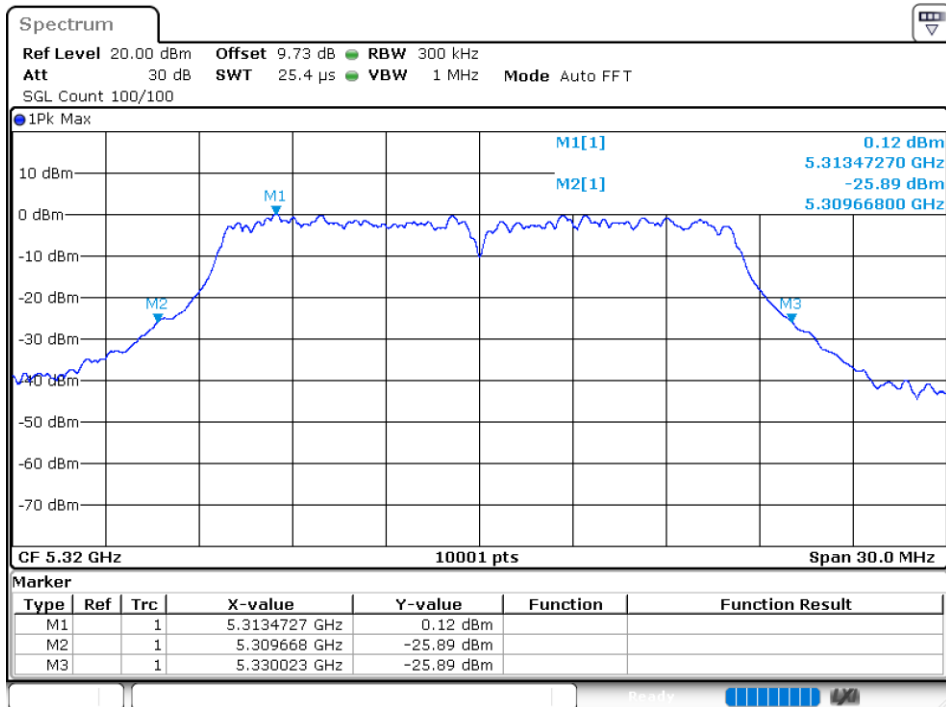
-26dB Bandwidth NVNT a 5260MHz Ant1



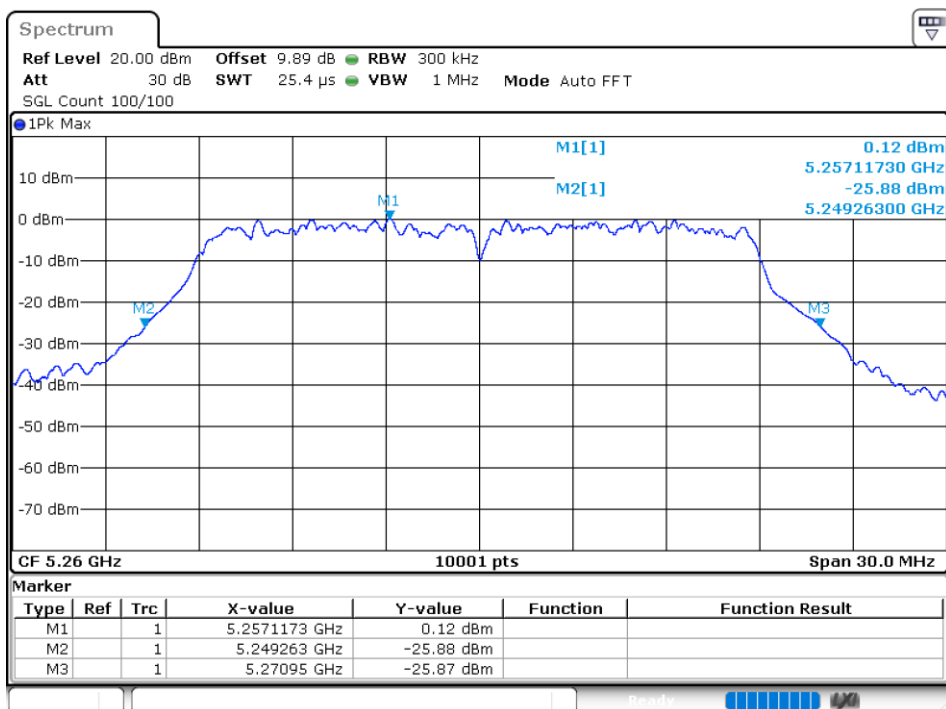
-26dB Bandwidth NVNT a 5280MHz Ant1



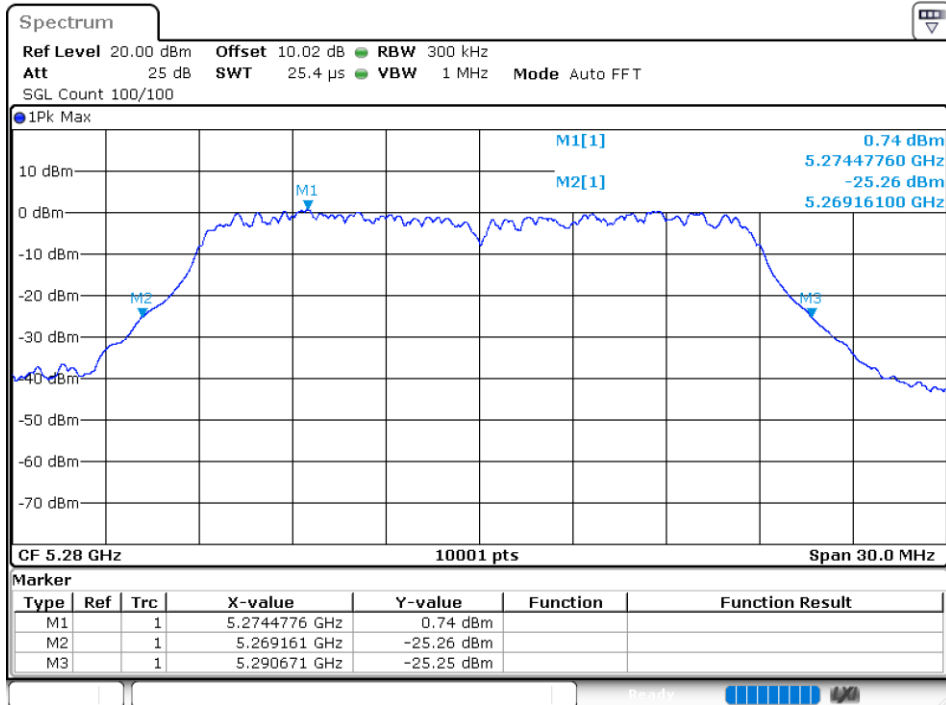
-26dB Bandwidth NVNT a 5320MHz Ant1



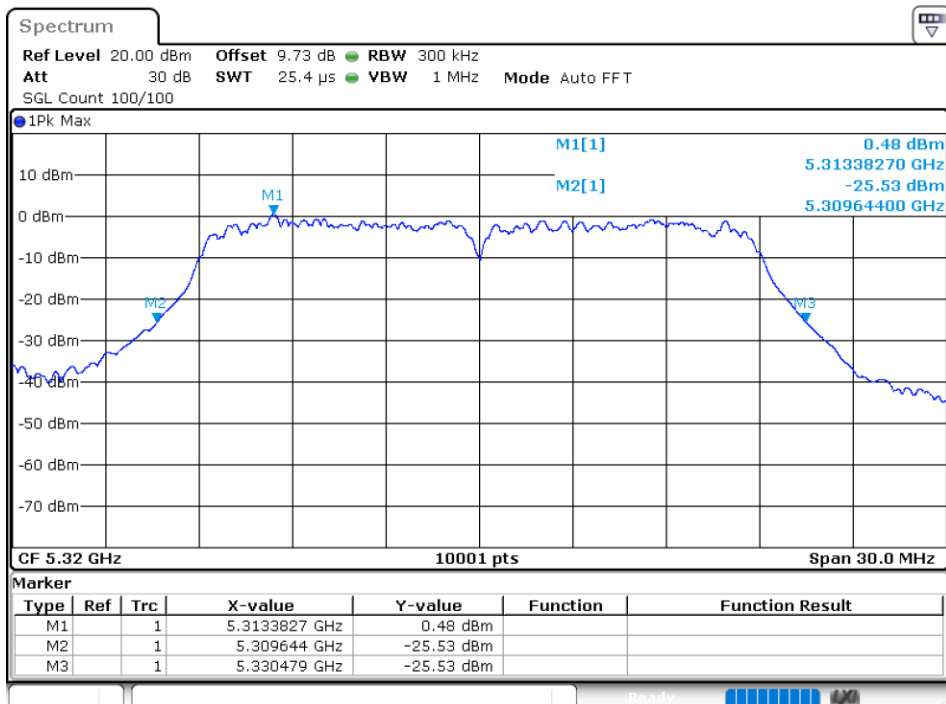
-26dB Bandwidth NVNT n20 5260MHz Ant1



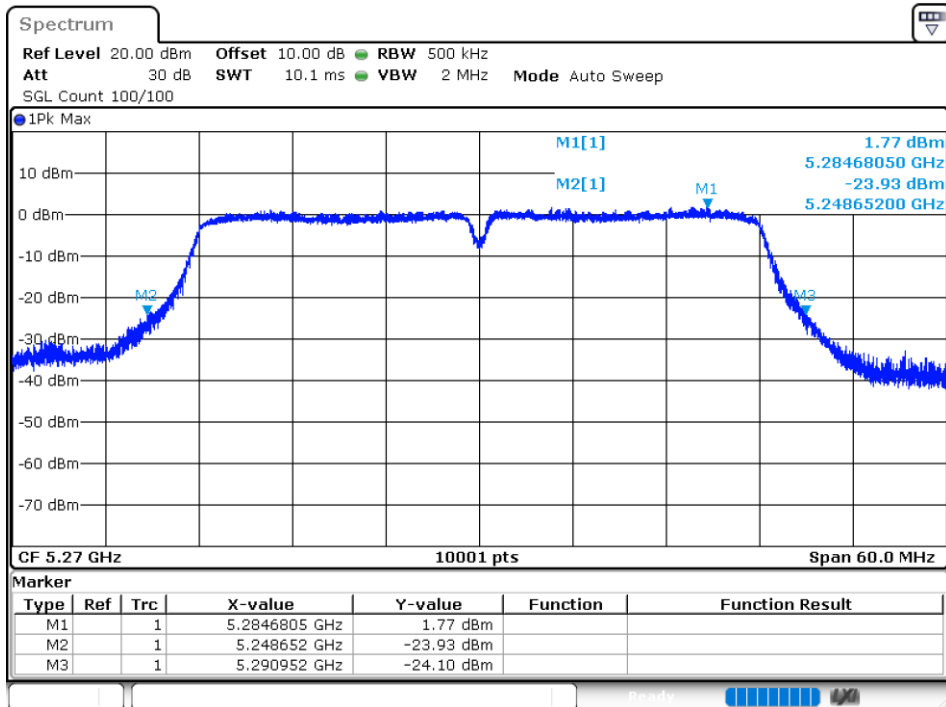
-26dB Bandwidth NVNT n20 5280MHz Ant1



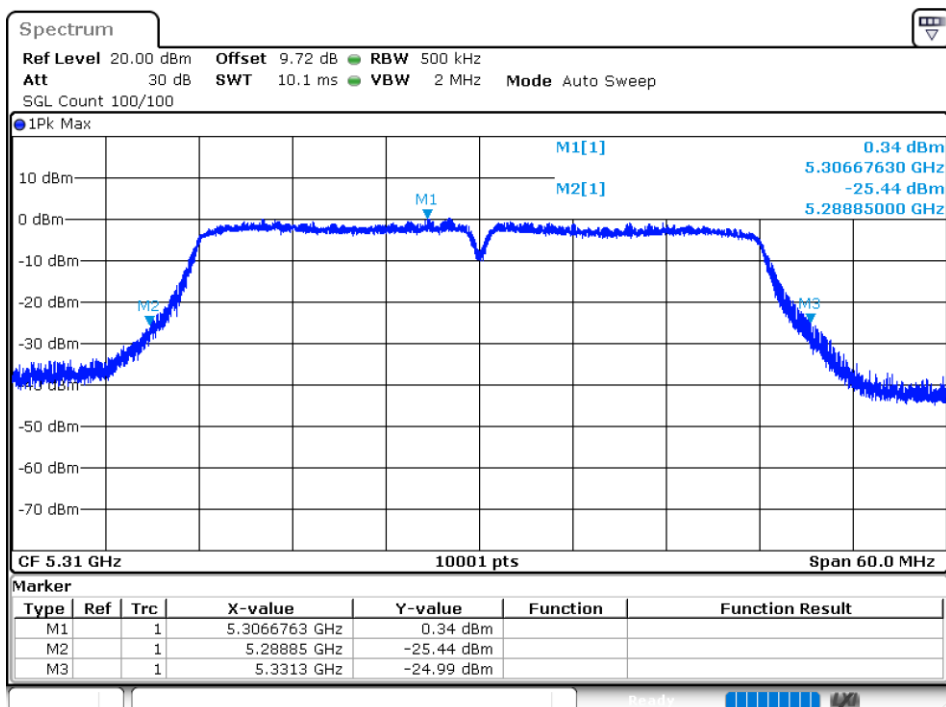
-26dB Bandwidth NVNT n20 5320MHz Ant1



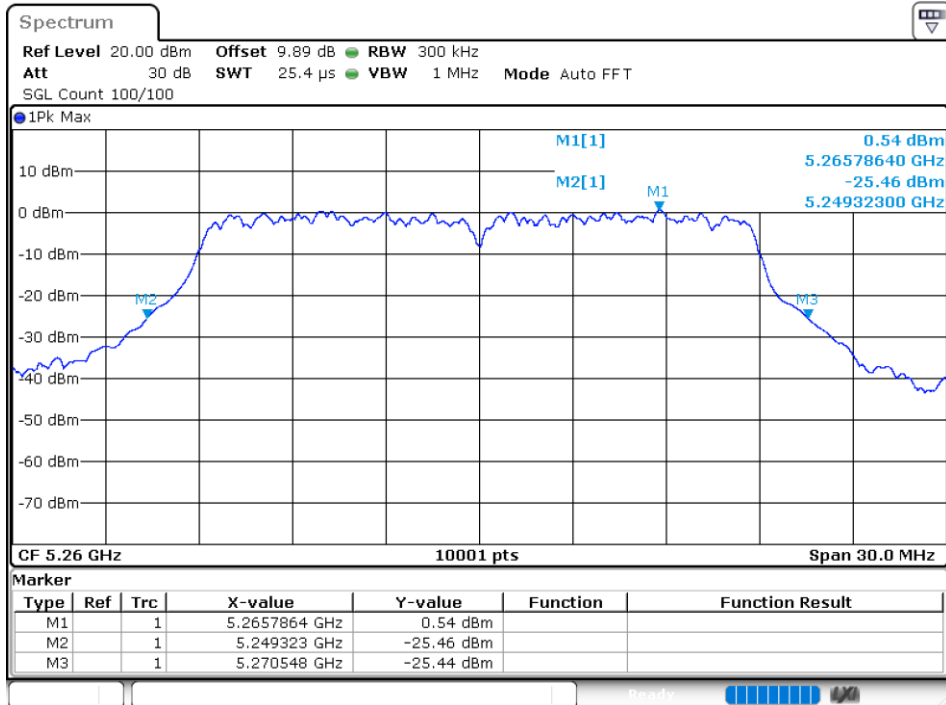
-26dB Bandwidth NVNT n40 5270MHz Ant1



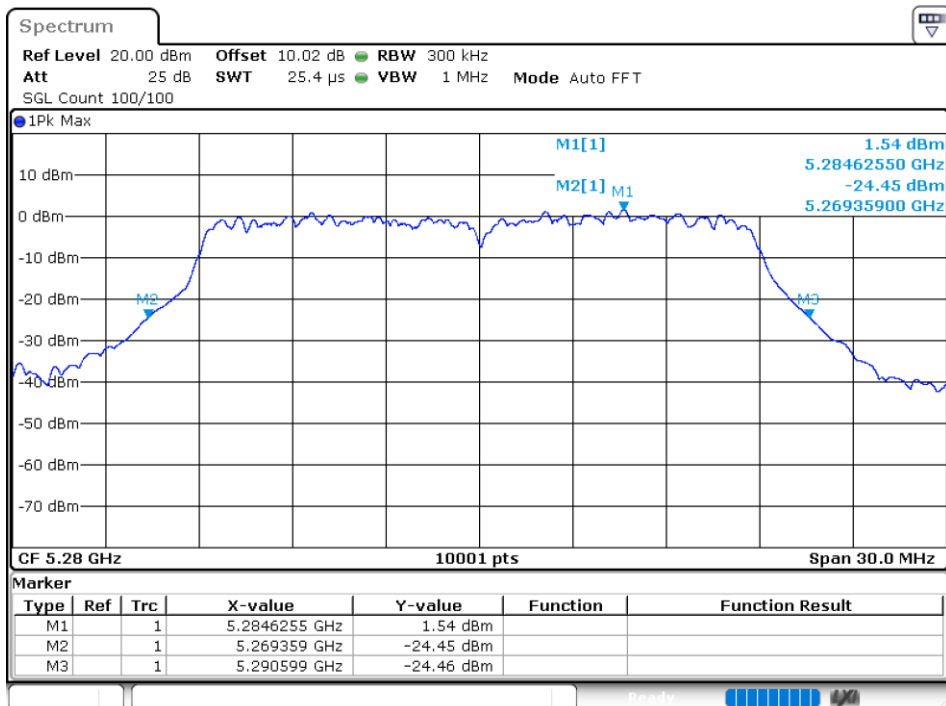
-26dB Bandwidth NVNT n40 5310MHz Ant1



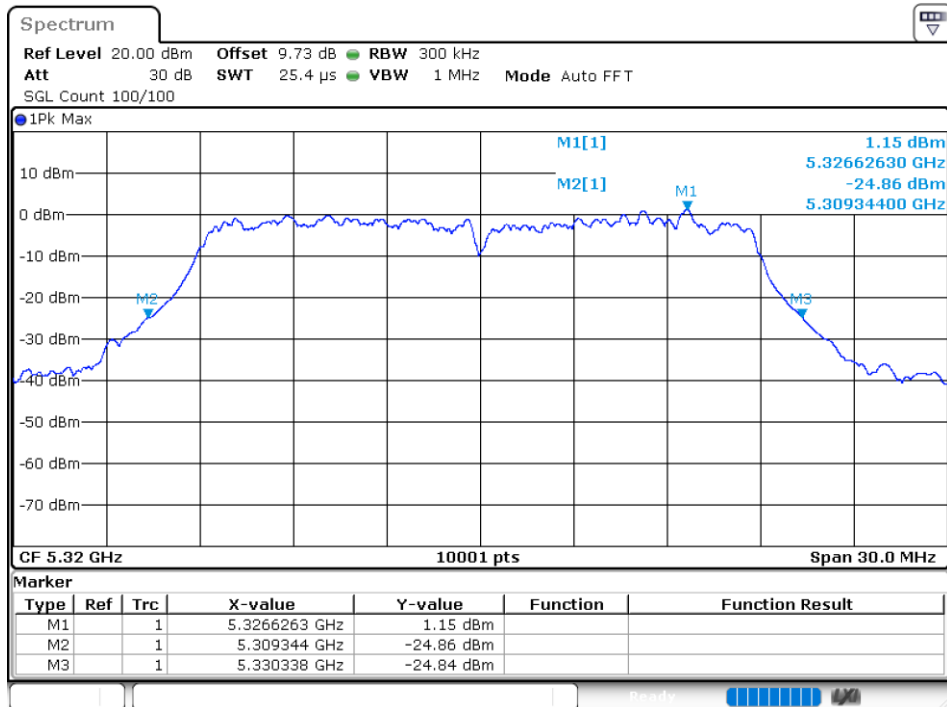
-26dB Bandwidth NVNT ac20 5260MHz Ant1



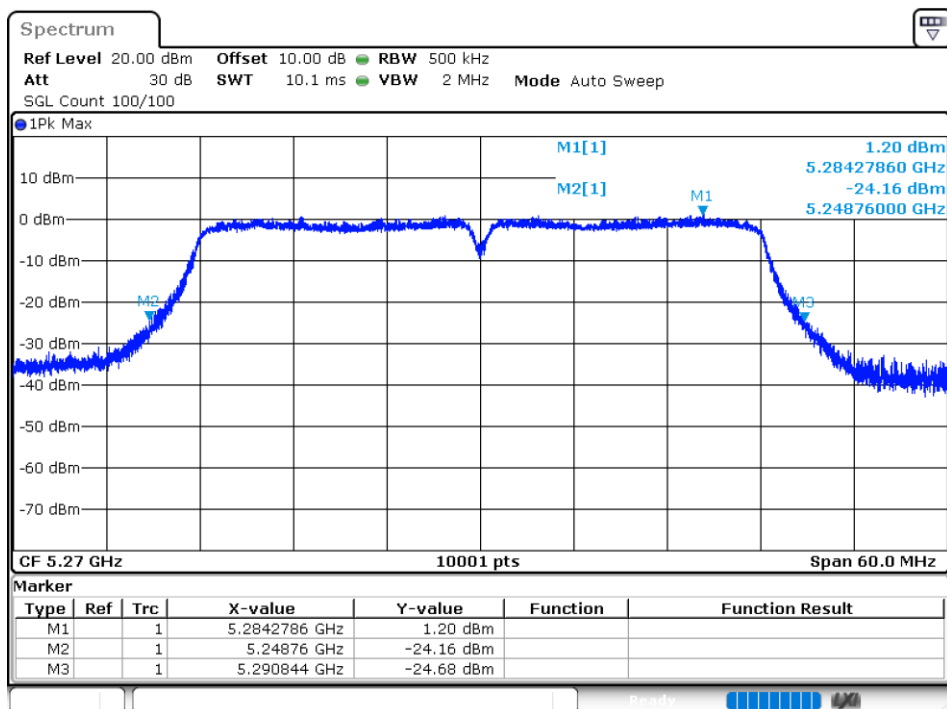
-26dB Bandwidth NVNT ac20 5280MHz Ant1



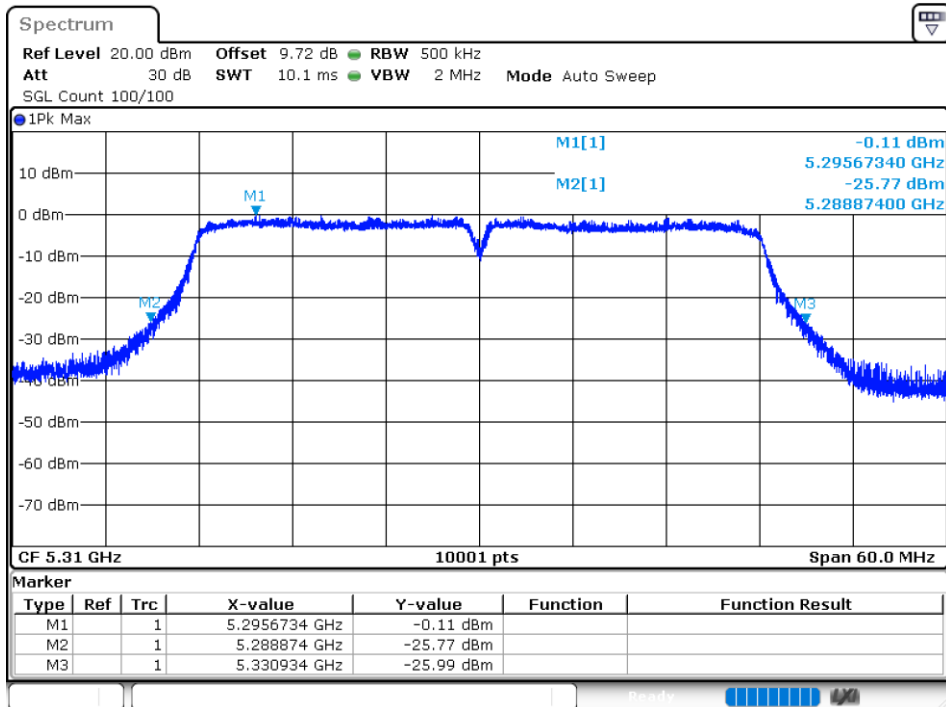
-26dB Bandwidth NVNT ac20 5320MHz Ant1



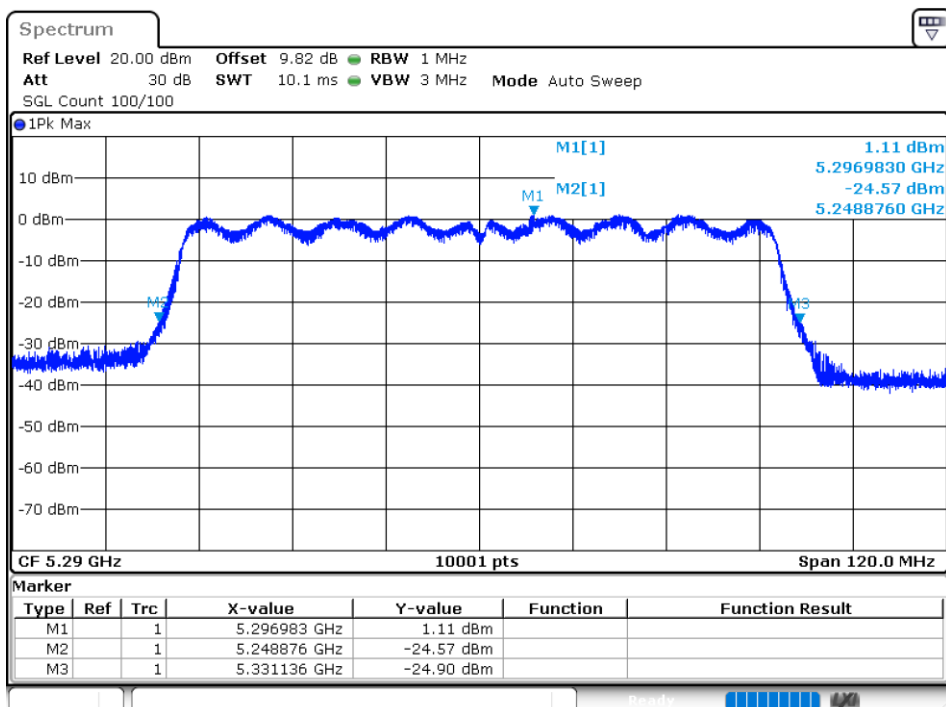
-26dB Bandwidth NVNT ac40 5270MHz Ant1



-26dB Bandwidth NVNT ac40 5310MHz Ant1



-26dB Bandwidth NVNT ac80 5290MHz Ant1

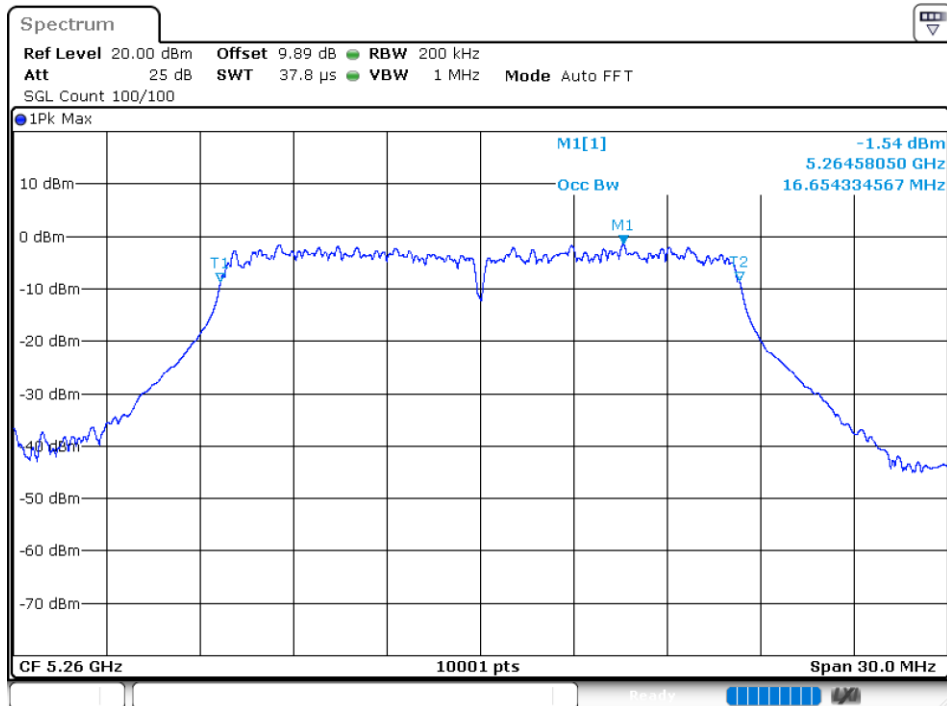


Occupied Channel Bandwidth

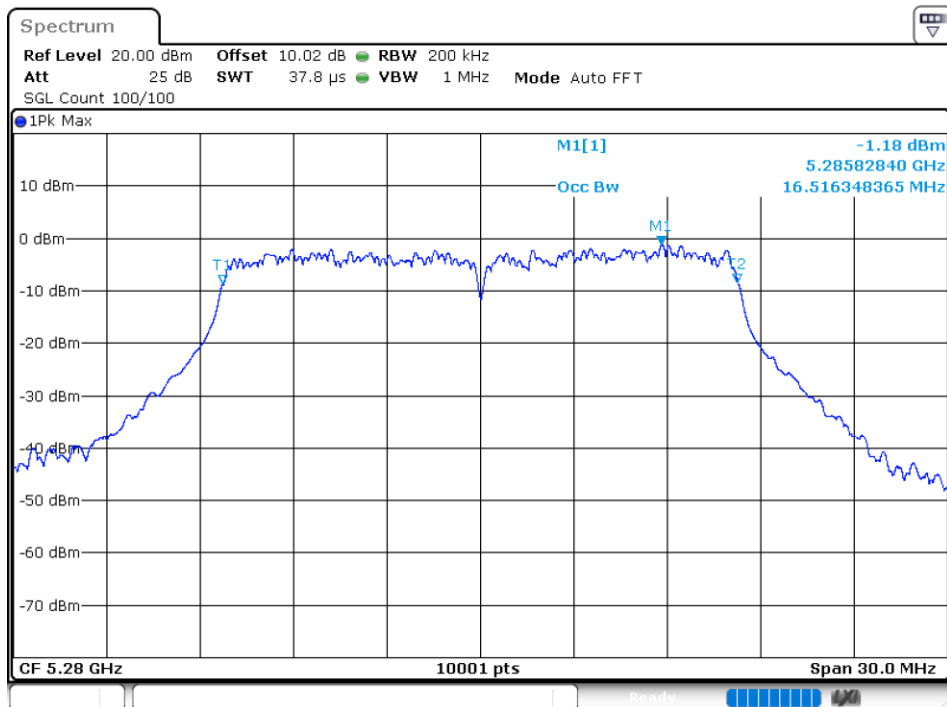
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.654
NVNT	a	5280	Ant1	16.516
NVNT	a	5320	Ant1	16.495
NVNT	n20	5260	Ant1	17.617
NVNT	n20	5280	Ant1	17.629
NVNT	n20	5320	Ant1	17.734
NVNT	n40	5270	Ant1	36.23
NVNT	n40	5310	Ant1	36.272
NVNT	ac20	5260	Ant1	17.683
NVNT	ac20	5280	Ant1	17.611
NVNT	ac20	5320	Ant1	17.677
NVNT	ac40	5270	Ant1	36.302
NVNT	ac40	5310	Ant1	36.248
NVNT	ac80	5290	Ant1	75.472

Test Graphs

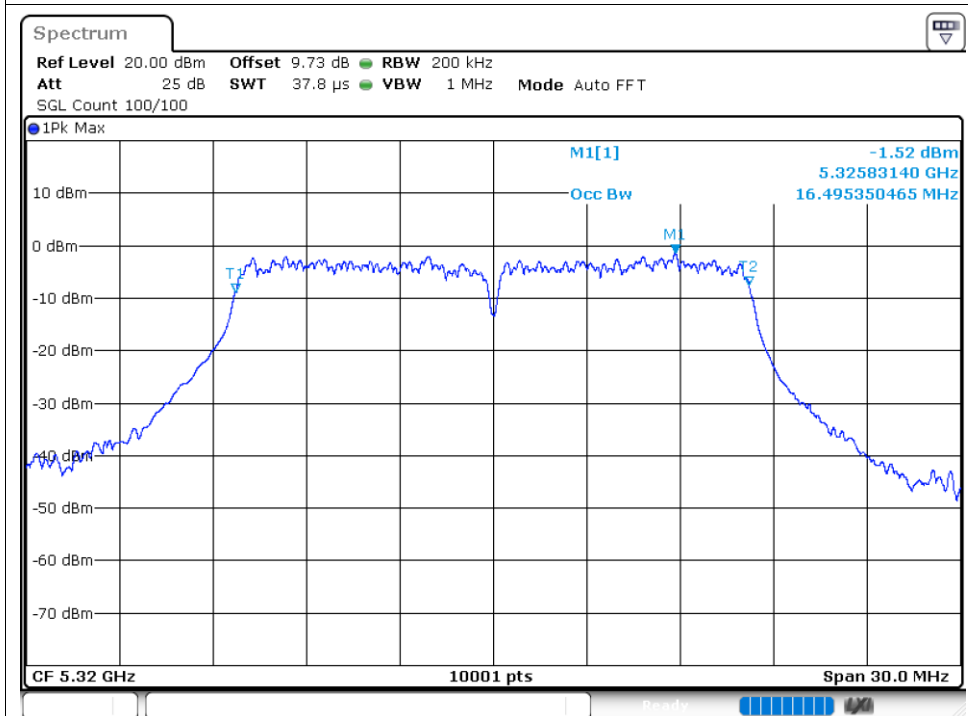
OBW NVNT a 5260MHz Ant1



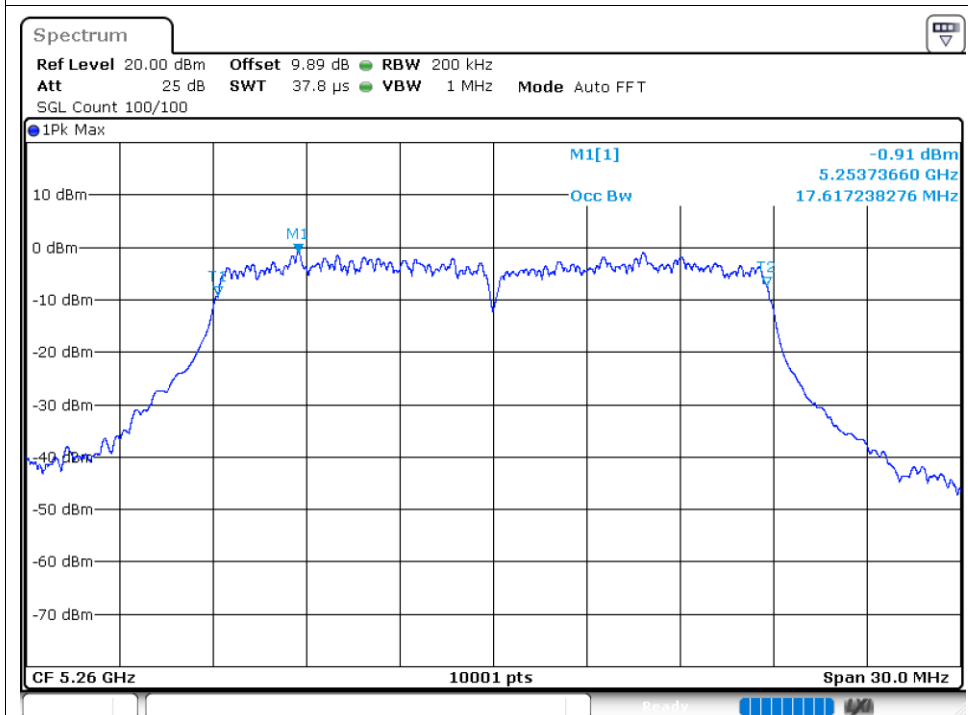
OBW NVNT a 5280MHz Ant1



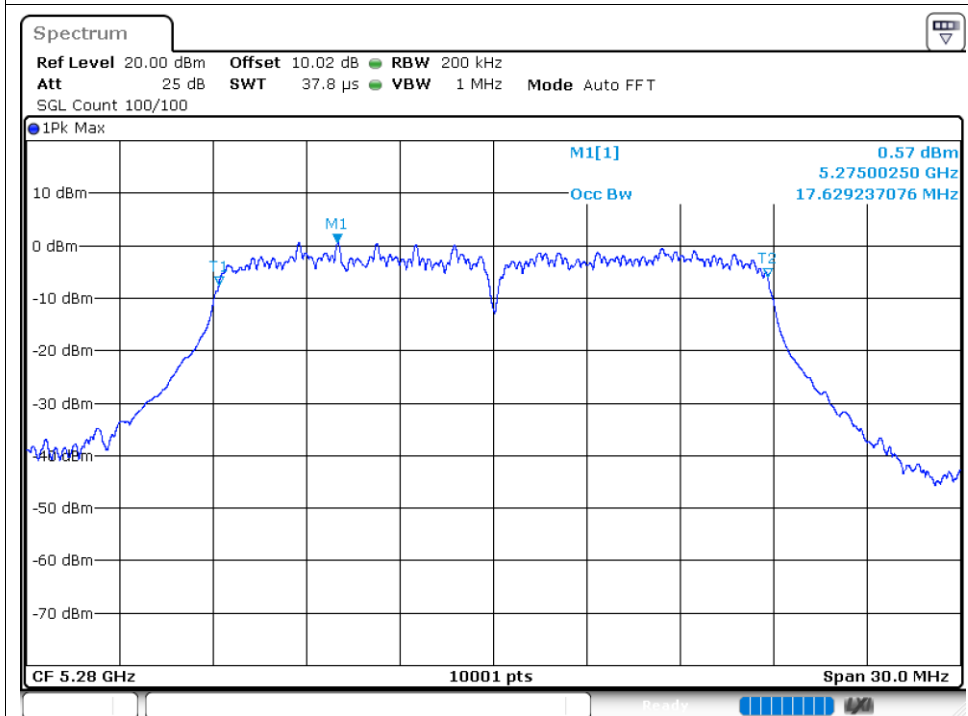
OBW NVNT a 5320MHz Ant1



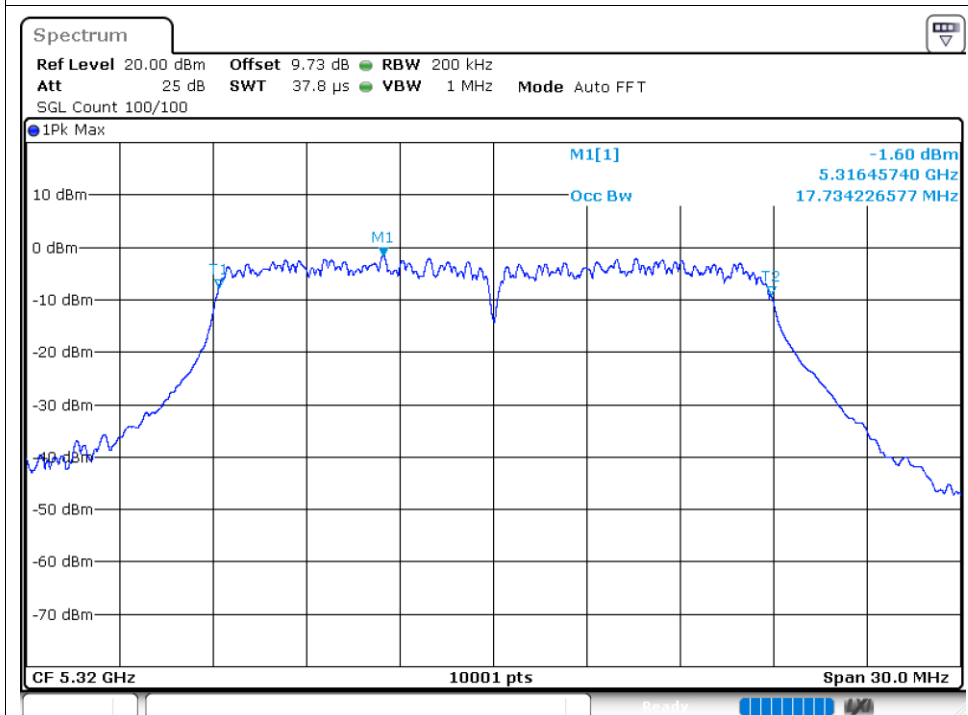
OBW NVNT n20 5260MHz Ant1



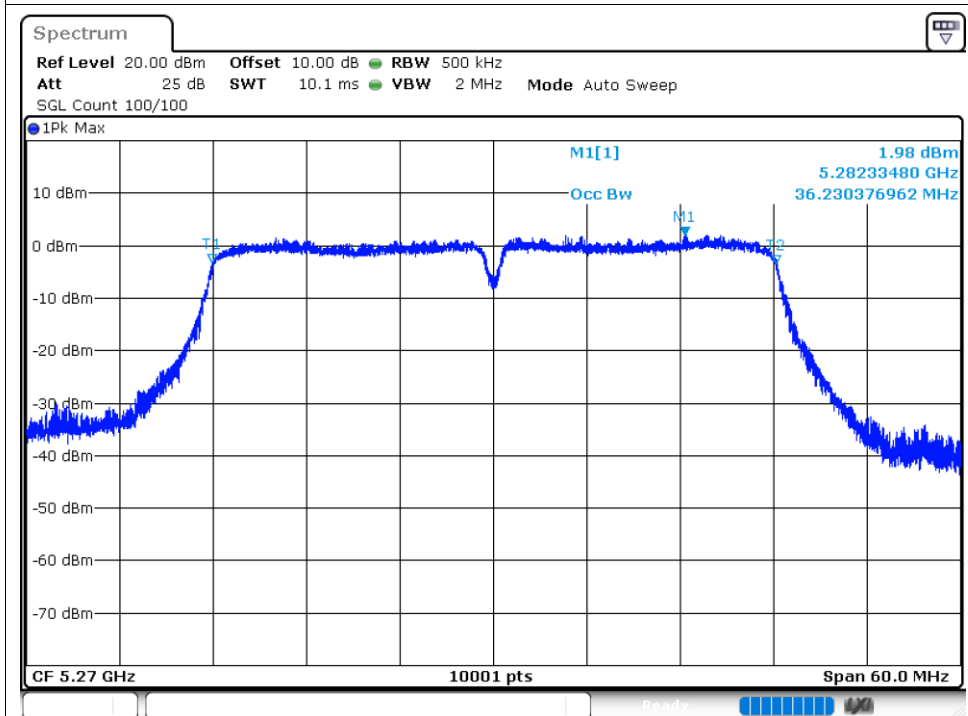
OBW NVNT n20 5280MHz Ant1



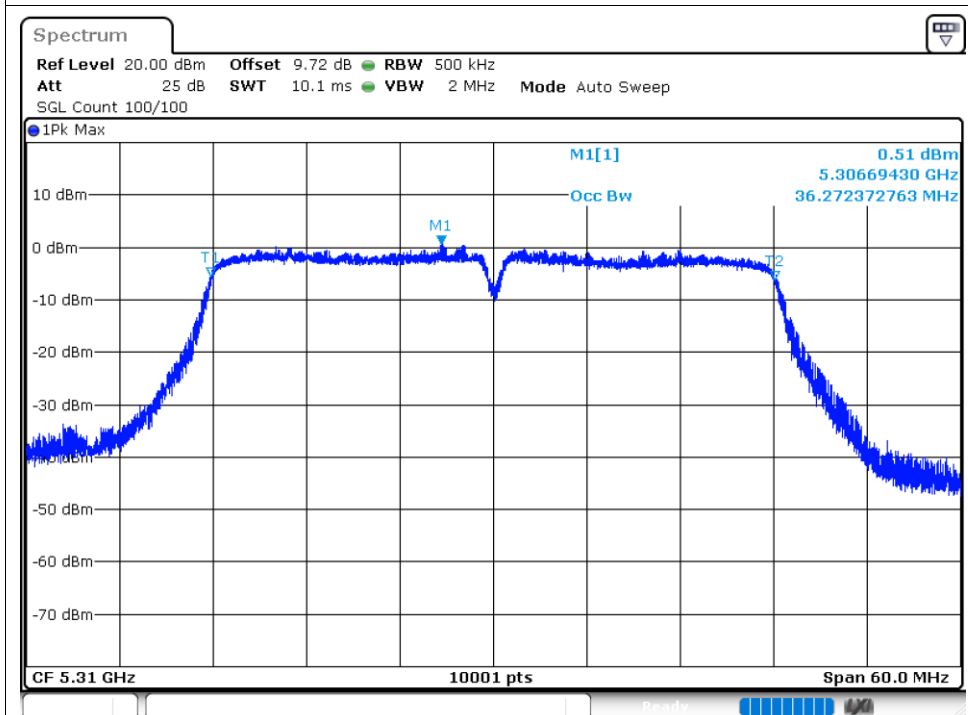
OBW NVNT n20 5320MHz Ant1



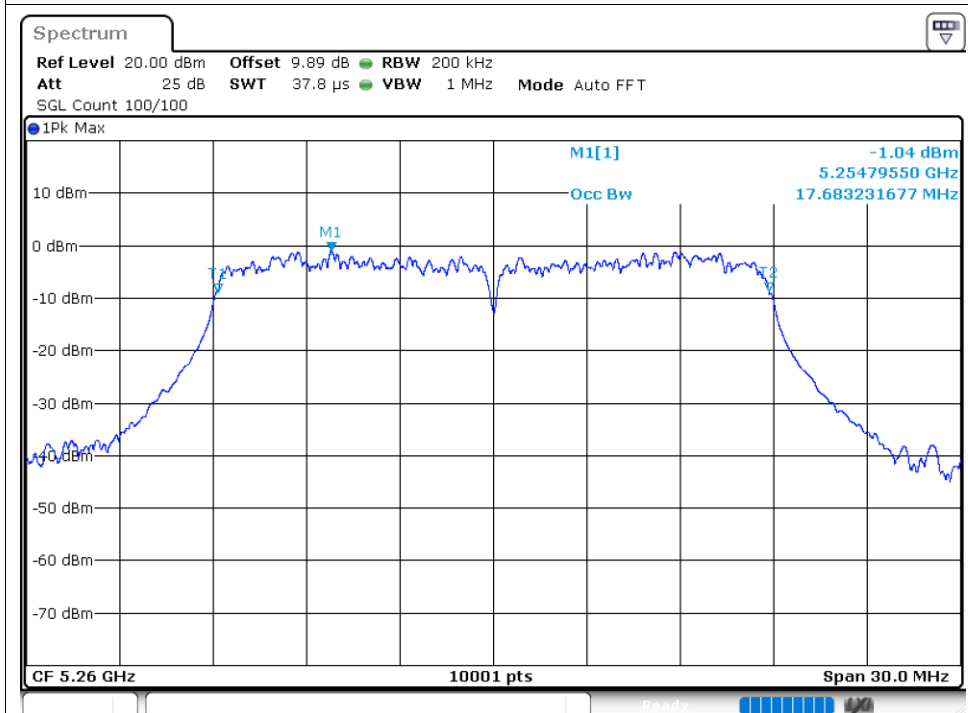
OBW NVNT n40 5270MHz Ant1



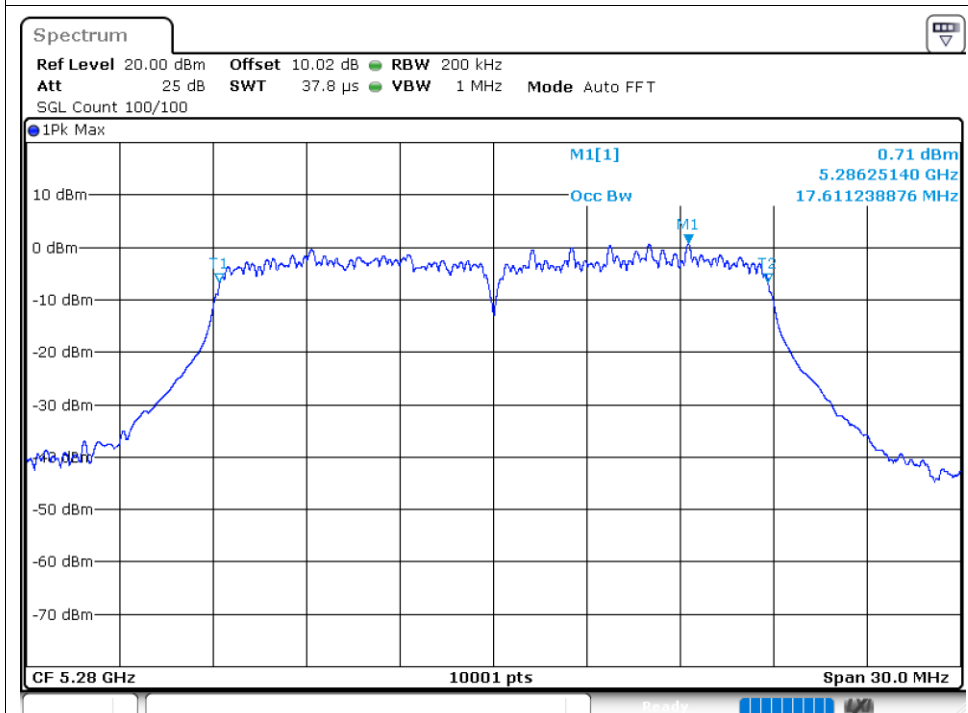
OBW NVNT n40 5310MHz Ant1



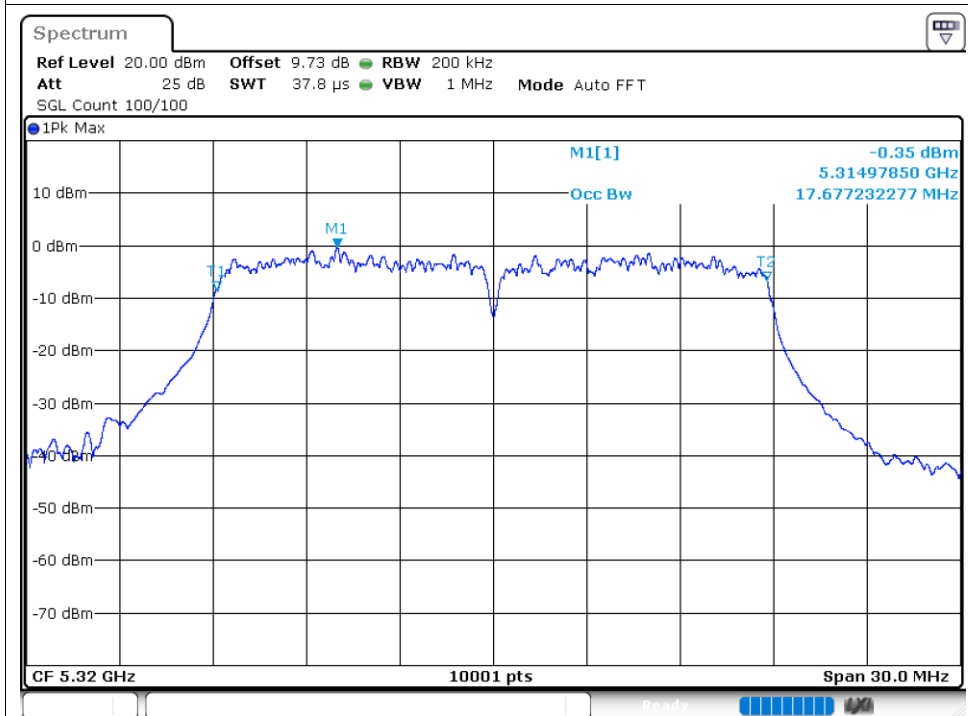
OBW NVNT ac20 5260MHz Ant1



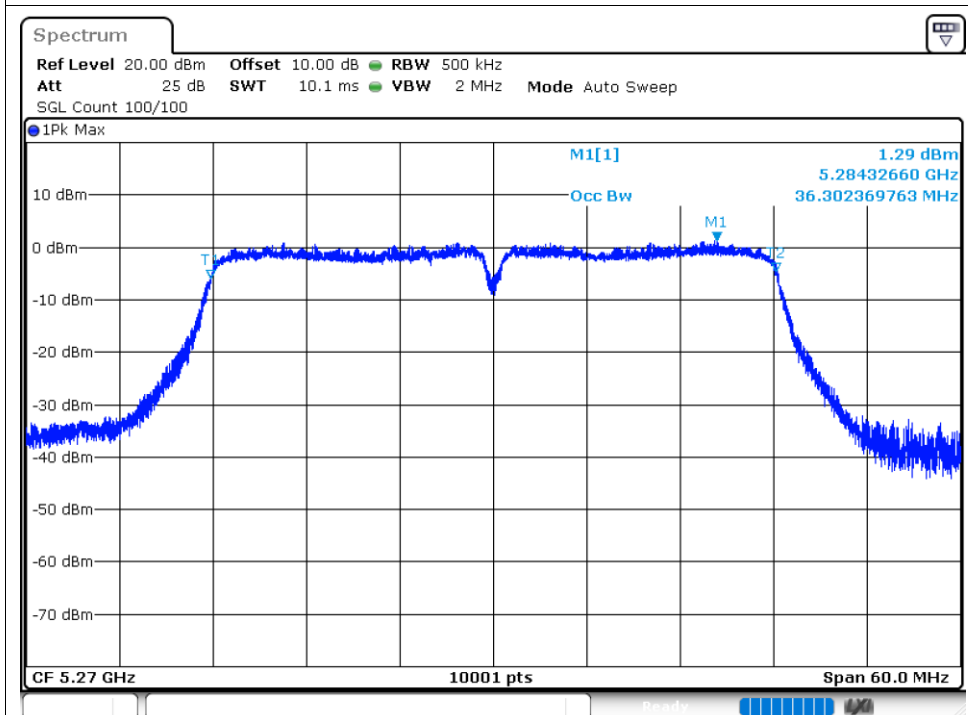
OBW NVNT ac20 5280MHz Ant1



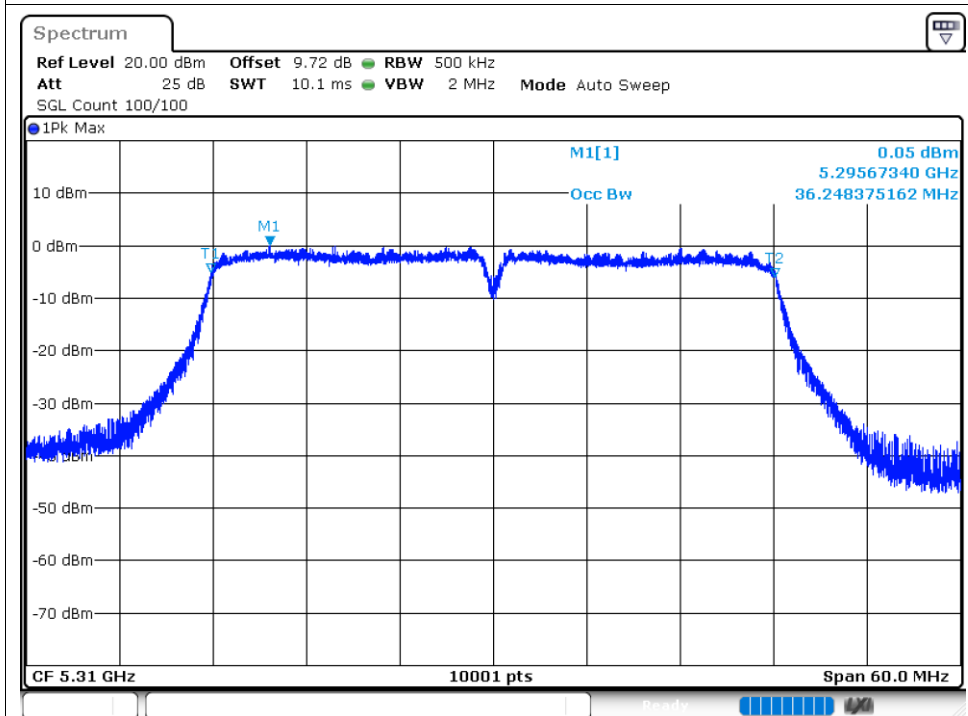
OBW NVNT ac20 5320MHz Ant1



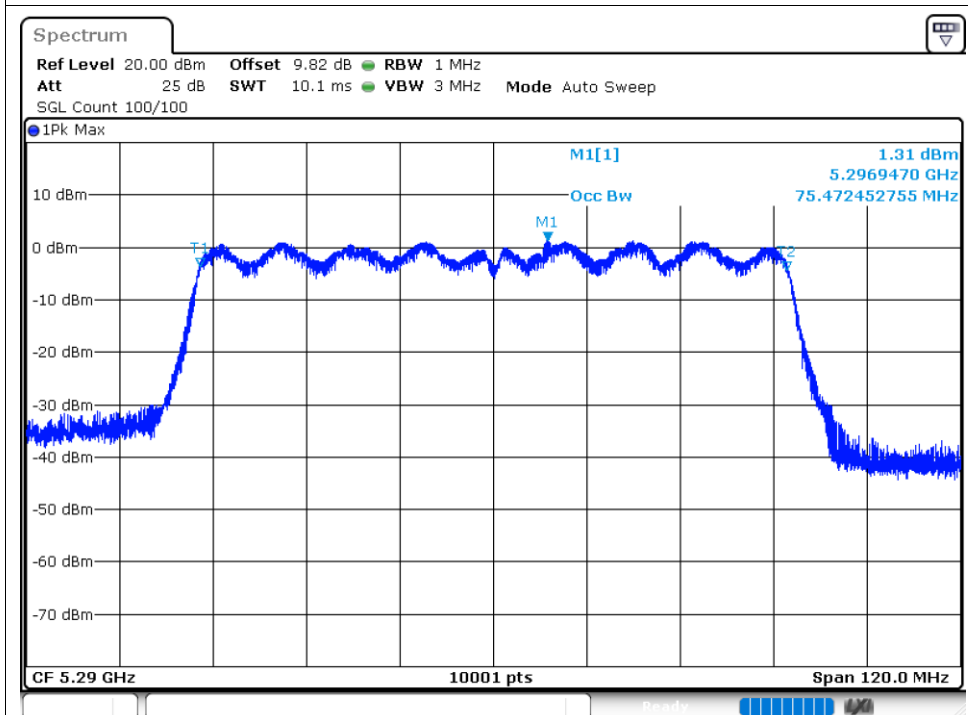
OBW NVNT ac40 5270MHz Ant1



OBW NVNT ac40 5310MHz Ant1



OBW NVNT ac80 5290MHz Ant1

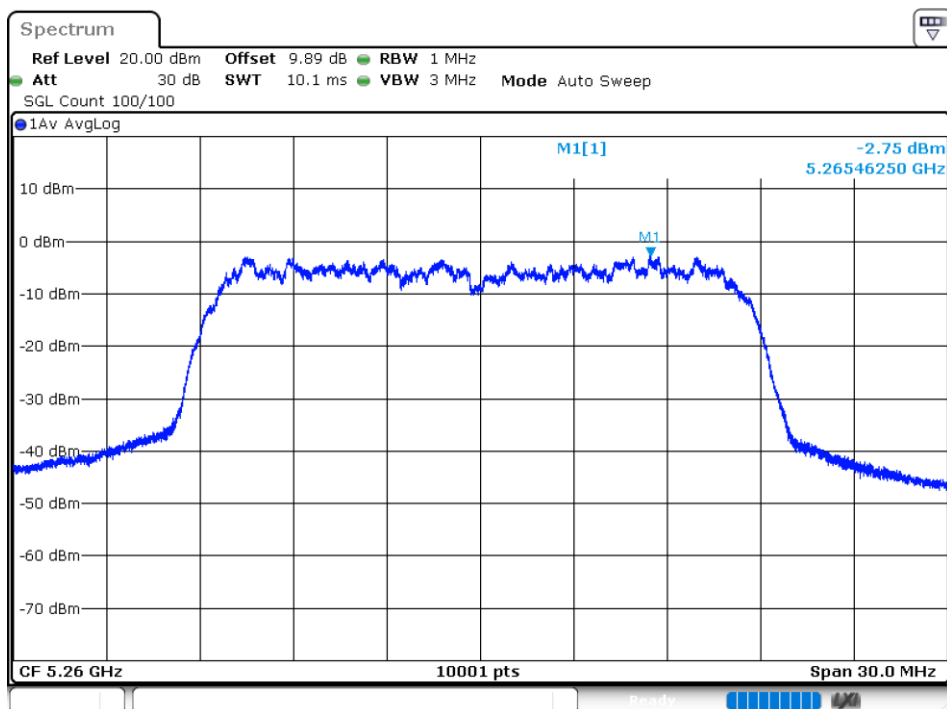


Maximum Power Spectral Density Level

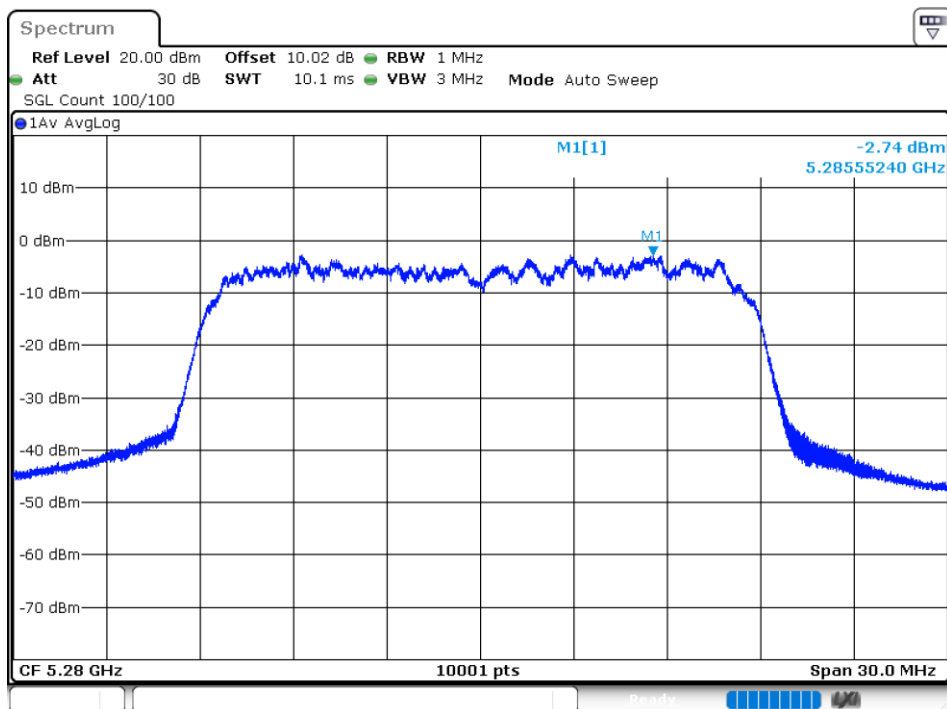
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-2.75	0.18	-2.57	11	Pass
NVNT	a	5280	Ant1	-2.74	0.21	-2.53	11	Pass
NVNT	a	5320	Ant1	-2.59	0.2	-2.39	11	Pass
NVNT	n20	5260	Ant1	-2.41	0.22	-2.19	11	Pass
NVNT	n20	5280	Ant1	-2.75	0.22	-2.53	11	Pass
NVNT	n20	5320	Ant1	-3.62	0.21	-3.41	11	Pass
NVNT	n40	5270	Ant1	-5.76	0.4	-5.36	11	Pass
NVNT	n40	5310	Ant1	-7.94	0.42	-7.52	11	Pass
NVNT	ac20	5260	Ant1	-2.91	0.18	-2.73	11	Pass
NVNT	ac20	5280	Ant1	-2.19	0.2	-1.99	11	Pass
NVNT	ac20	5320	Ant1	-2.91	0.22	-2.69	11	Pass
NVNT	ac40	5270	Ant1	-6.79	0.38	-6.41	11	Pass
NVNT	ac40	5310	Ant1	-7.76	0.39	-7.37	11	Pass
NVNT	ac80	5290	Ant1	-12.14	0.79	-11.35	11	Pass

Test Graphs

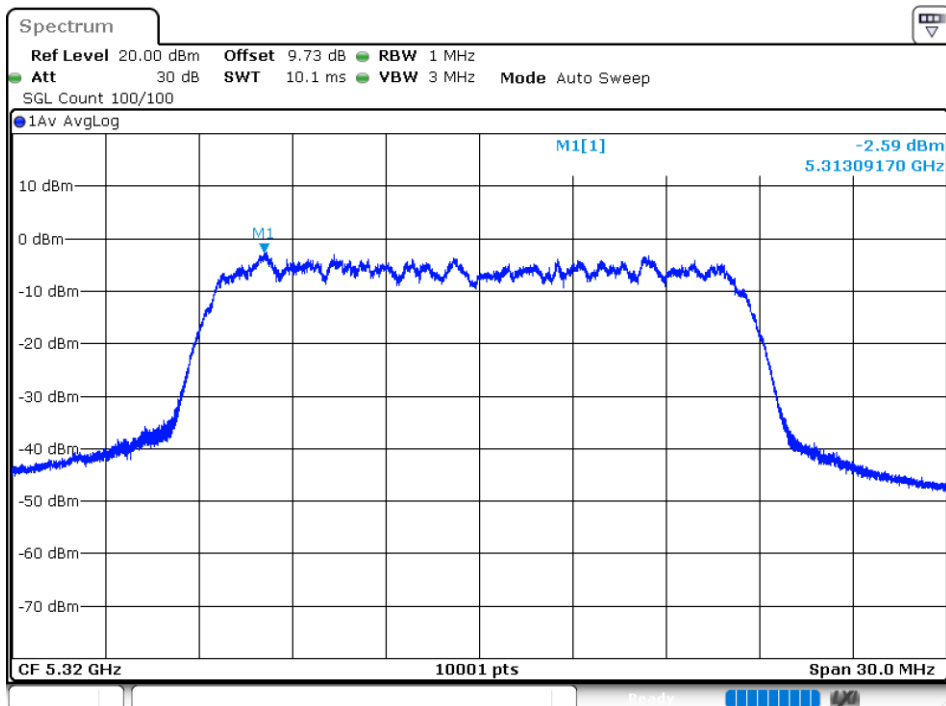
PSD NVNT a 5260MHz Ant1



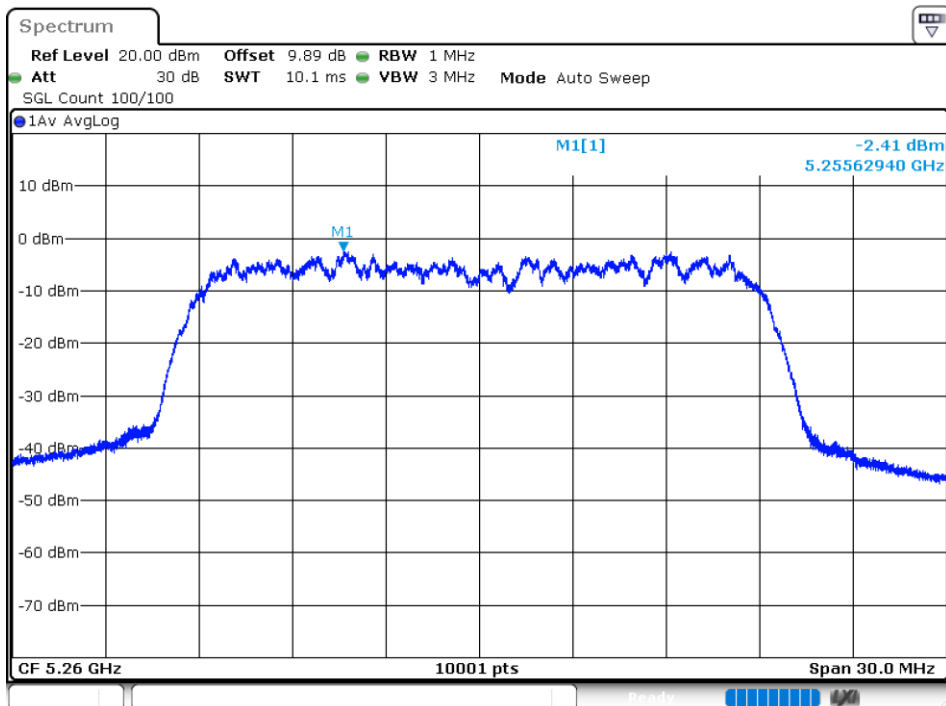
PSD NVNT a 5280MHz Ant1



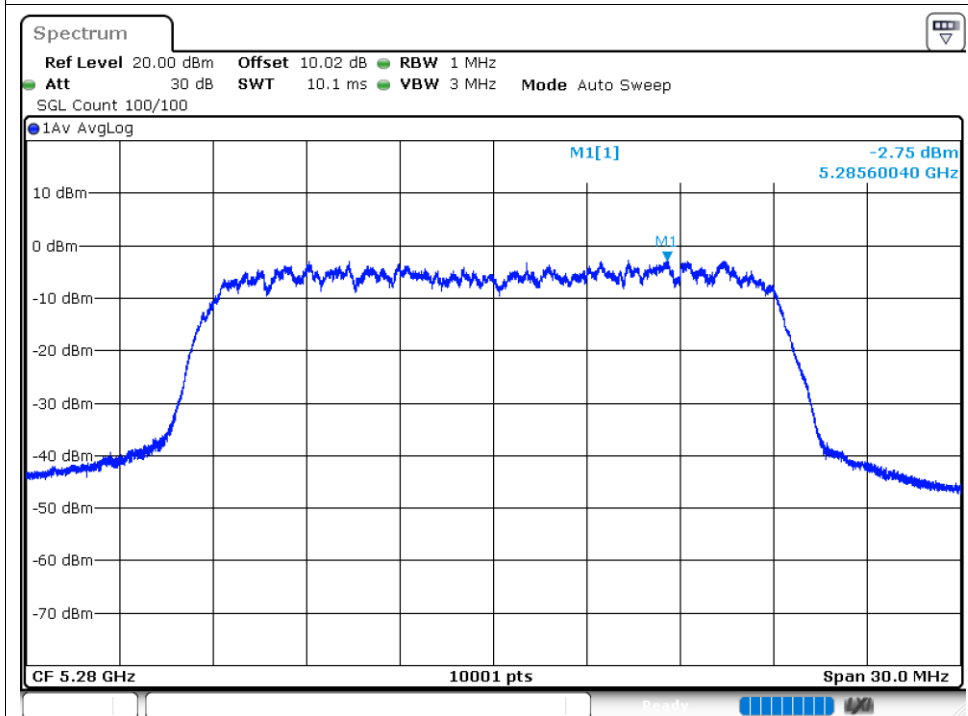
PSD NVNT a 5320MHz Ant1



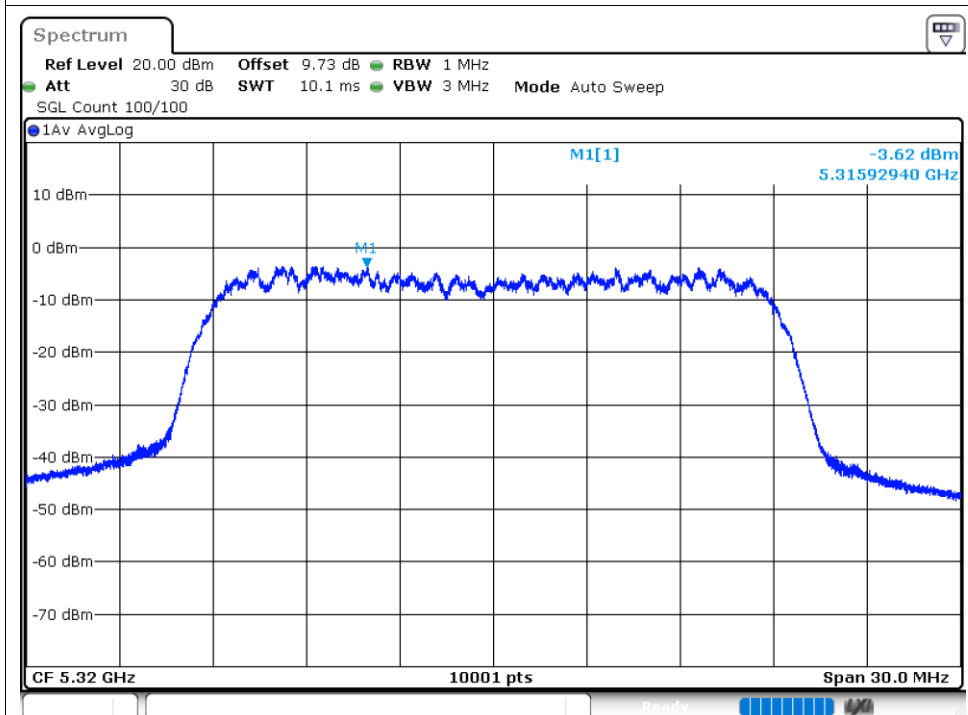
PSD NVNT n20 5260MHz Ant1



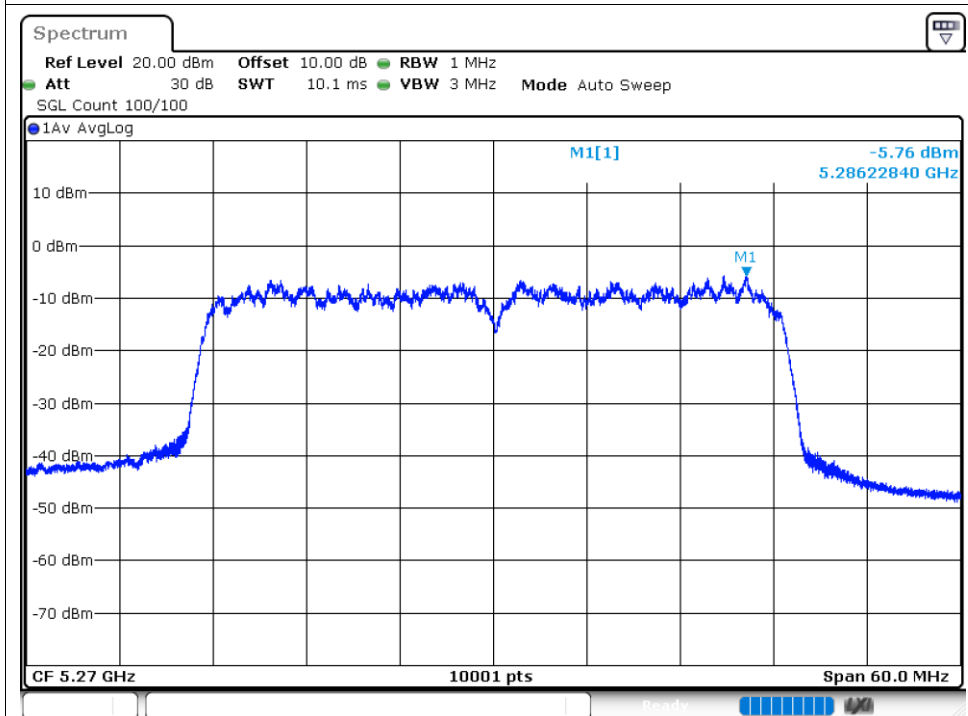
PSD NVNT n20 5280MHz Ant1



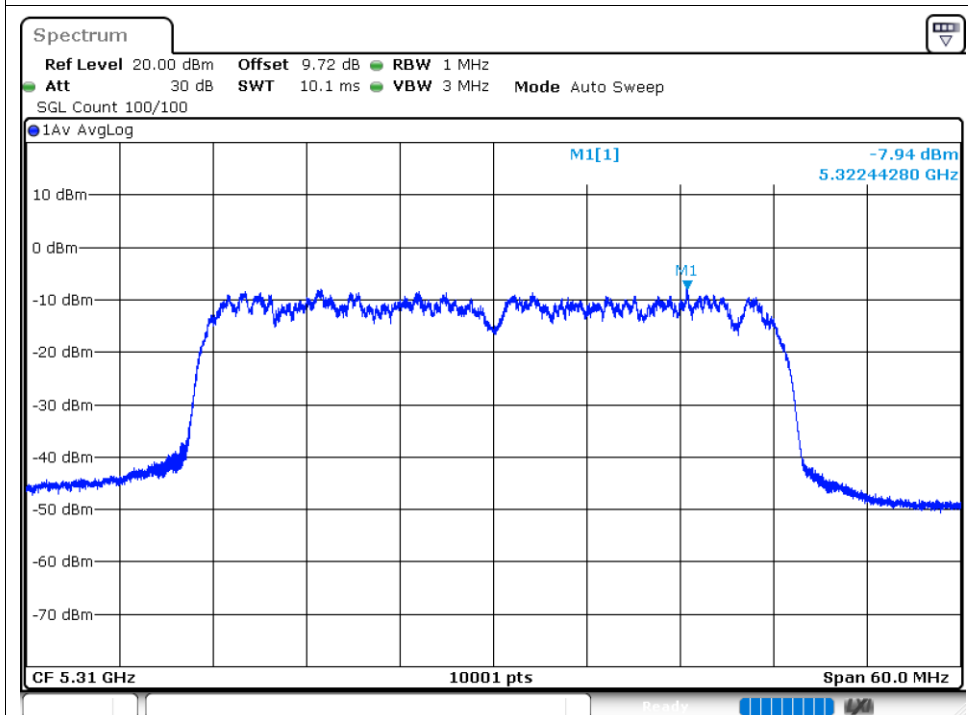
PSD NVNT n20 5320MHz Ant1



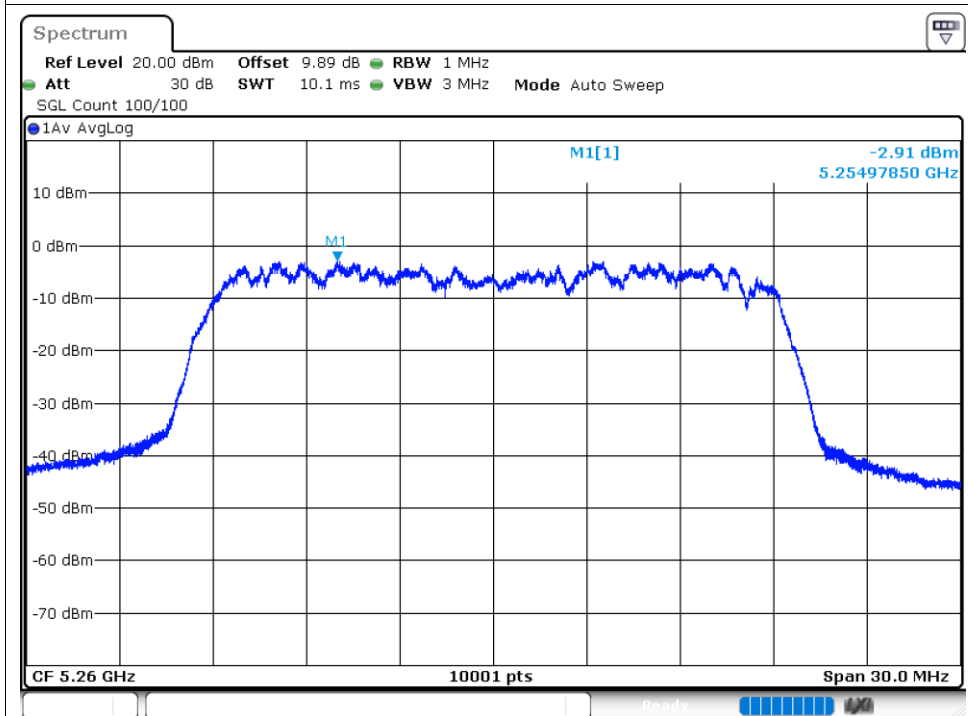
PSD NVNT n40 5270MHz Ant1



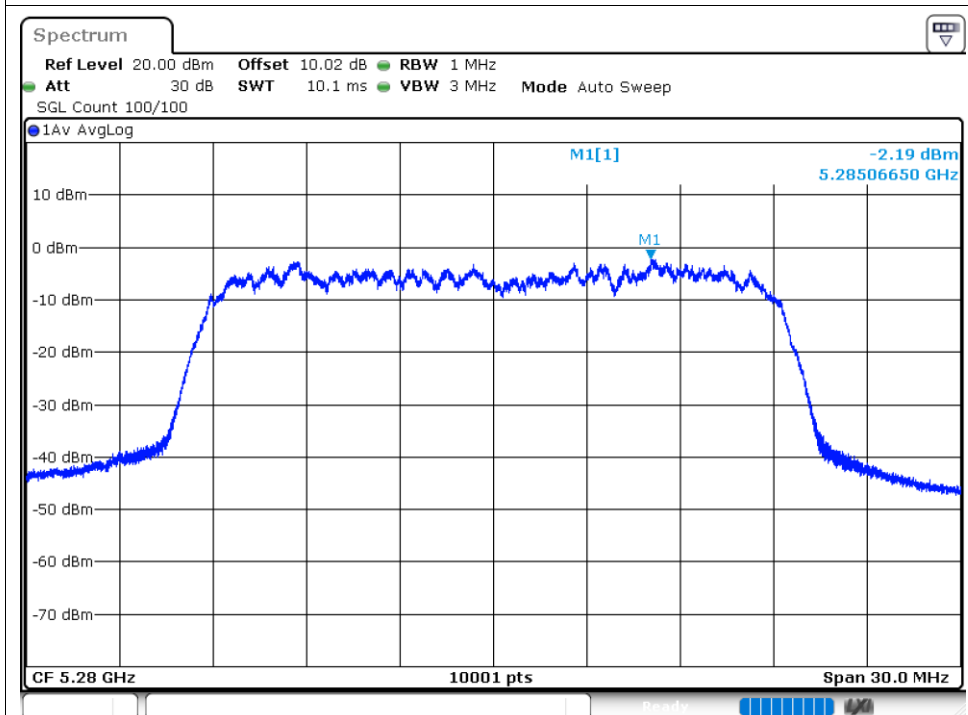
PSD NVNT n40 5310MHz Ant1



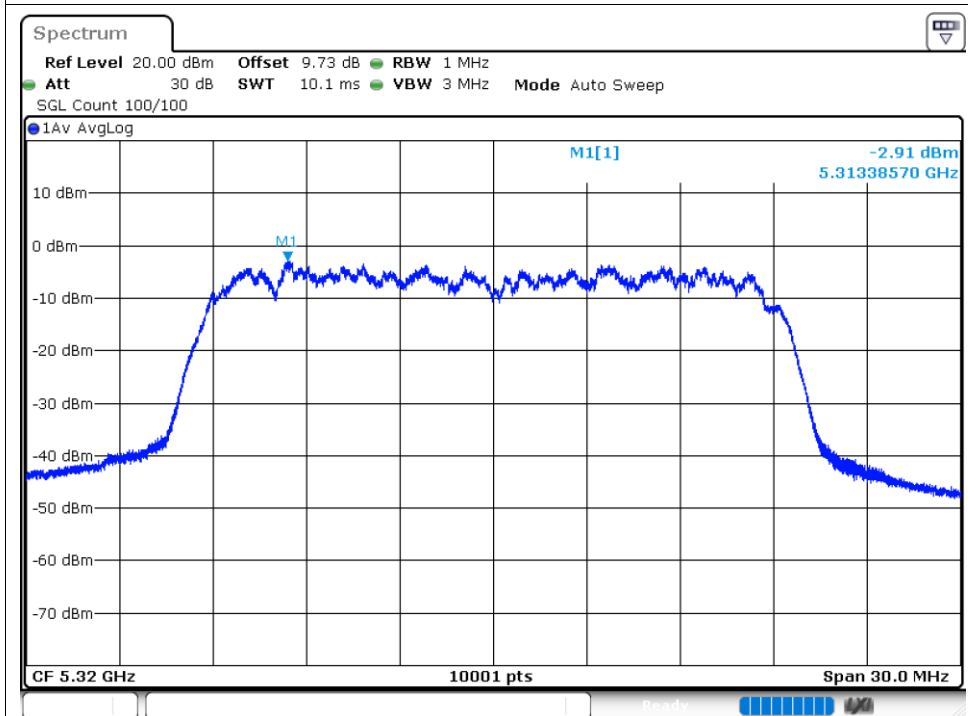
PSD NVNT ac20 5260MHz Ant1



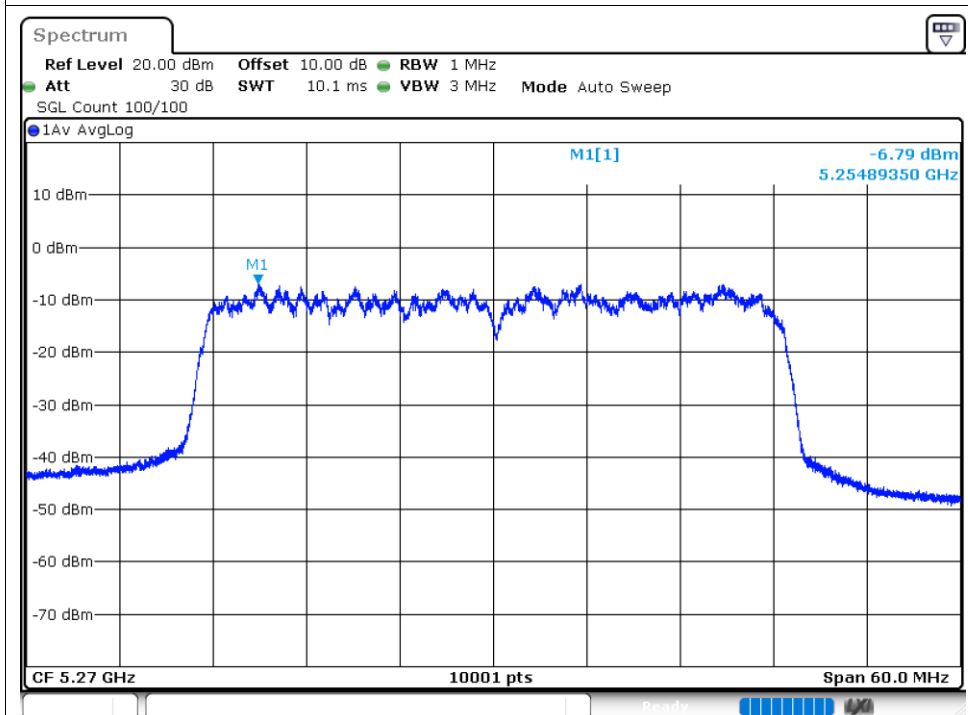
PSD NVNT ac20 5280MHz Ant1



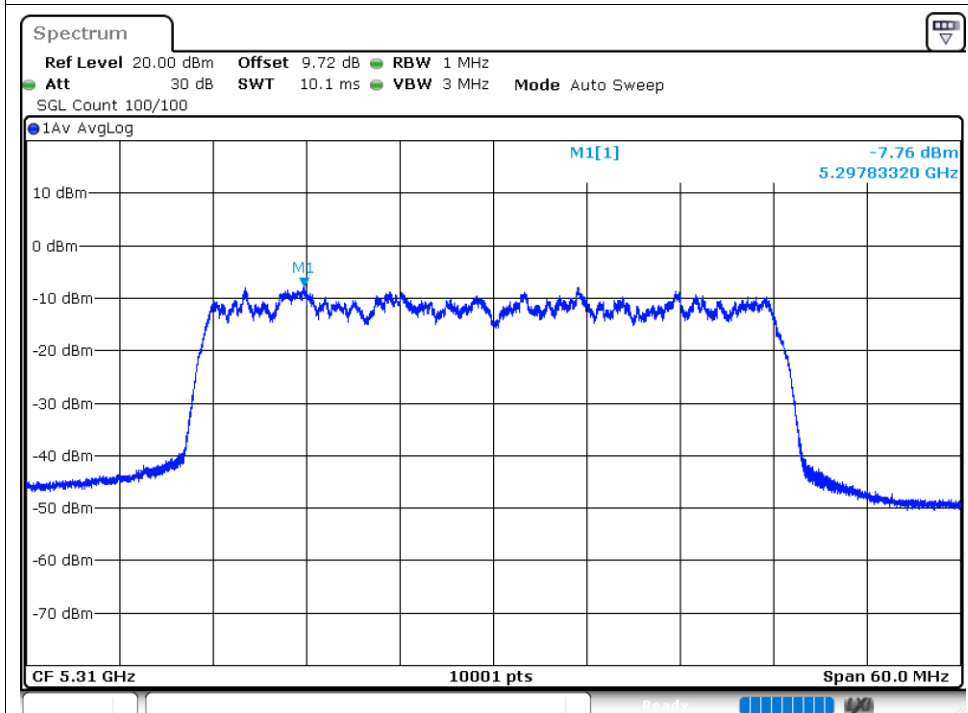
PSD NVNT ac20 5320MHz Ant1



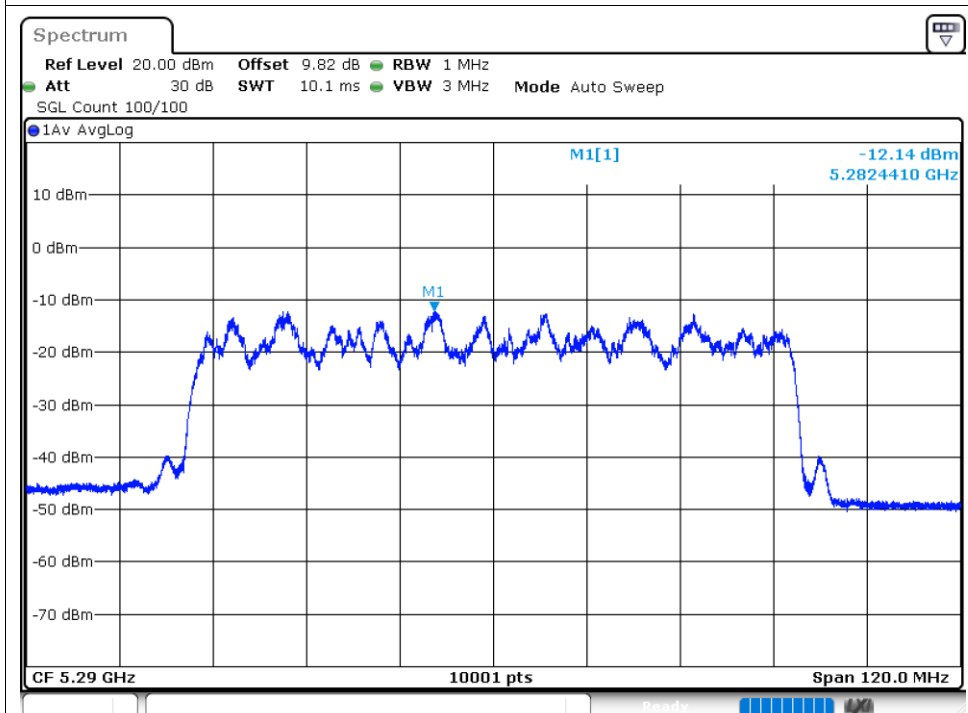
PSD NVNT ac40 5270MHz Ant1



PSD NVNT ac40 5310MHz Ant1



PSD NVNT ac80 5290MHz Ant1

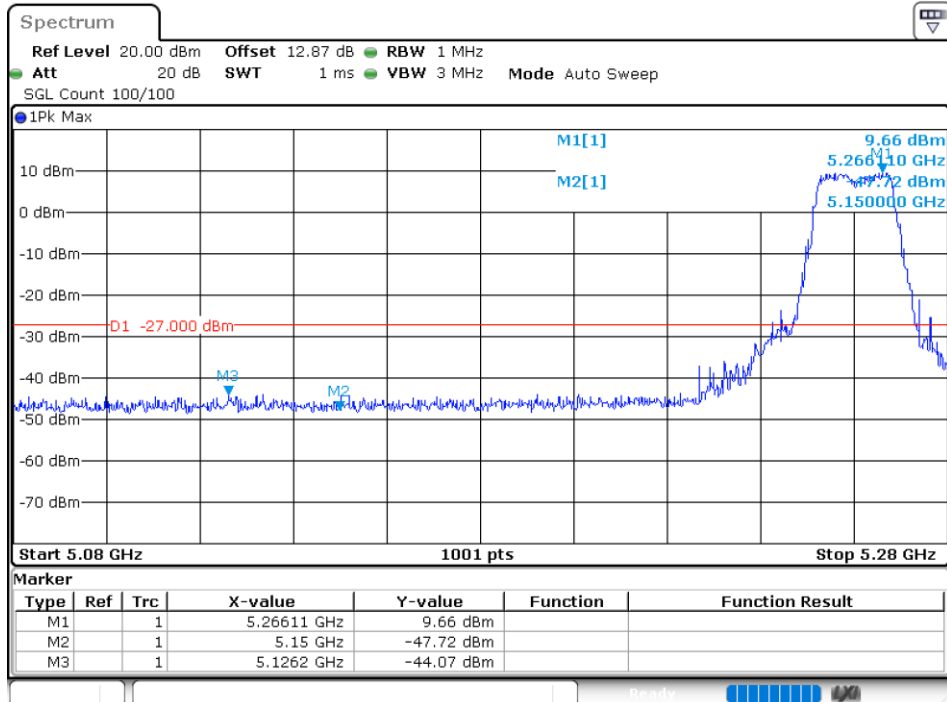


Band Edge

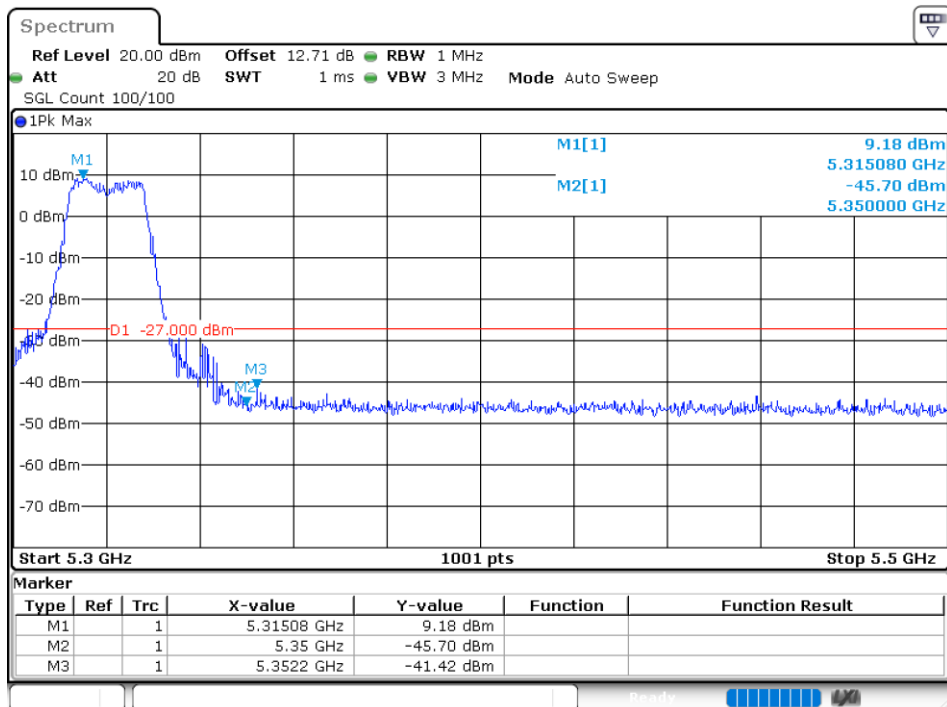
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-44.07	-27	Pass
NVNT	a	5320	Ant1	-41.42	-27	Pass
NVNT	n20	5260	Ant1	-43.35	-27	Pass
NVNT	n20	5320	Ant1	-39.85	-27	Pass
NVNT	n40	5270	Ant1	-42.75	-27	Pass
NVNT	n40	5310	Ant1	-38	-27	Pass
NVNT	ac20	5260	Ant1	-43.13	-27	Pass
NVNT	ac20	5320	Ant1	-41.26	-27	Pass
NVNT	ac40	5270	Ant1	-43.82	-27	Pass
NVNT	ac40	5310	Ant1	-37.41	-27	Pass
NVNT	ac80	5290	Ant1	-32.62	-27	Pass
NVNT	ac80	5290	Ant1	-41.7	-27	Pass

Test Graphs

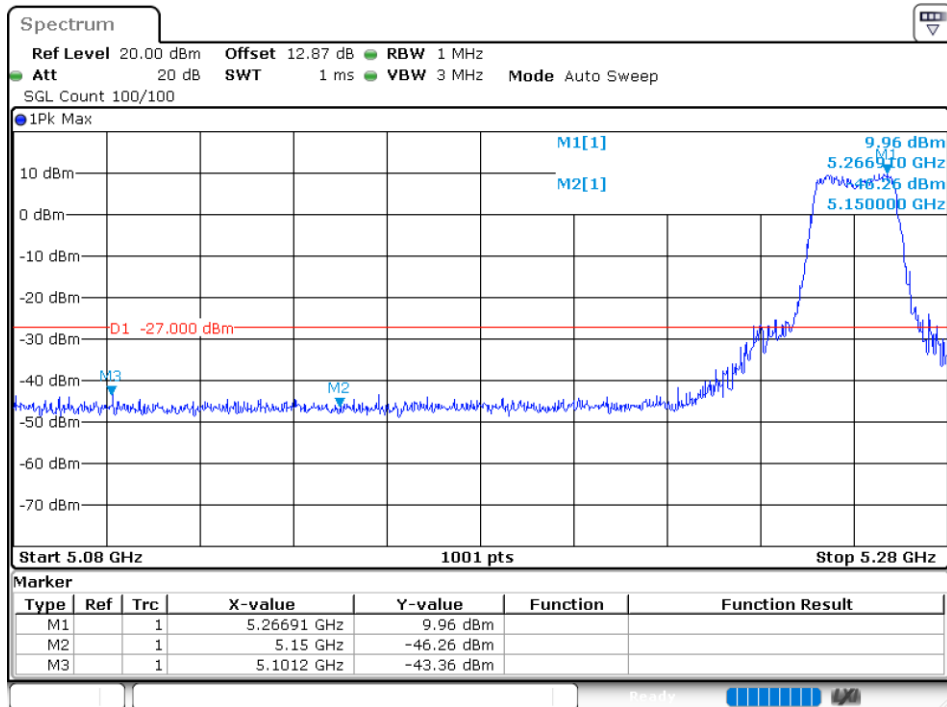
Band Edge NVNT a 5260MHz Low Ant1



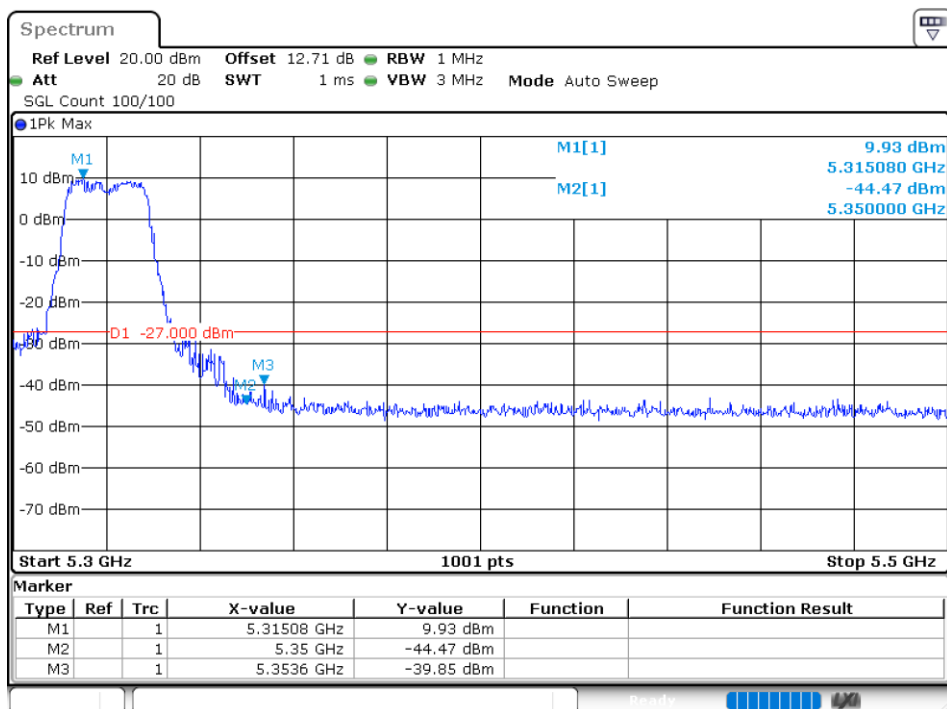
Band Edge NVNT a 5320MHz High Ant1



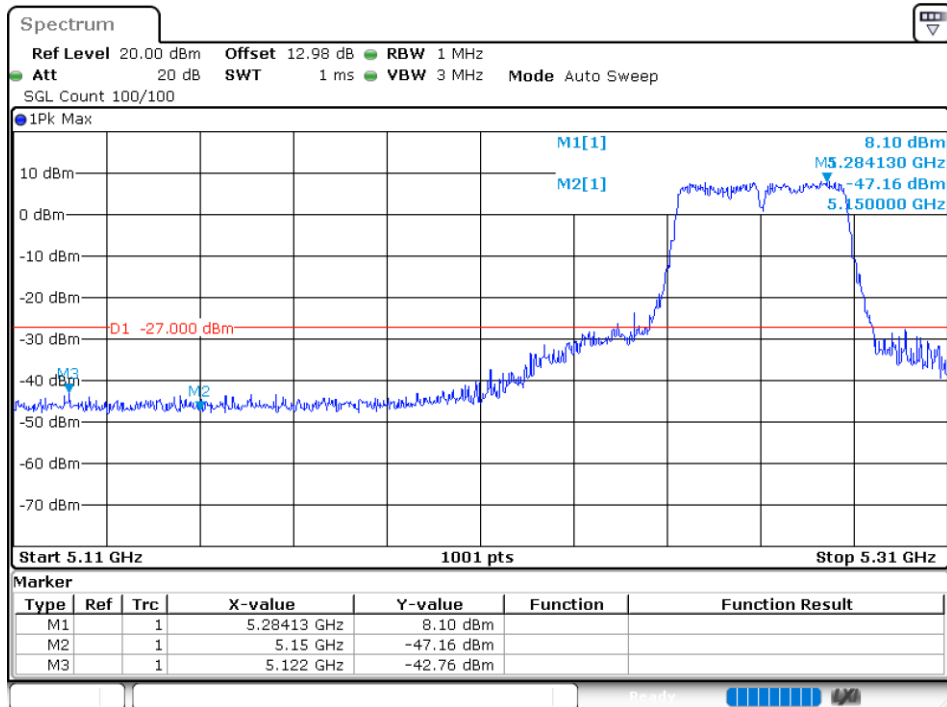
Band Edge NVNT n20 5260MHz Low Ant1



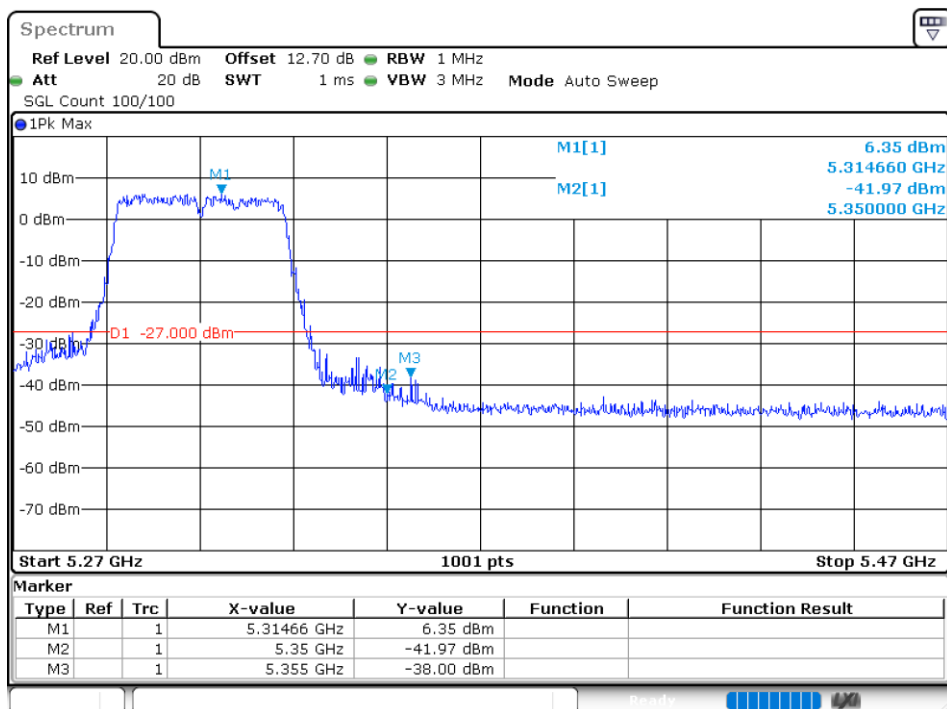
Band Edge NVNT n20 5320MHz High Ant1



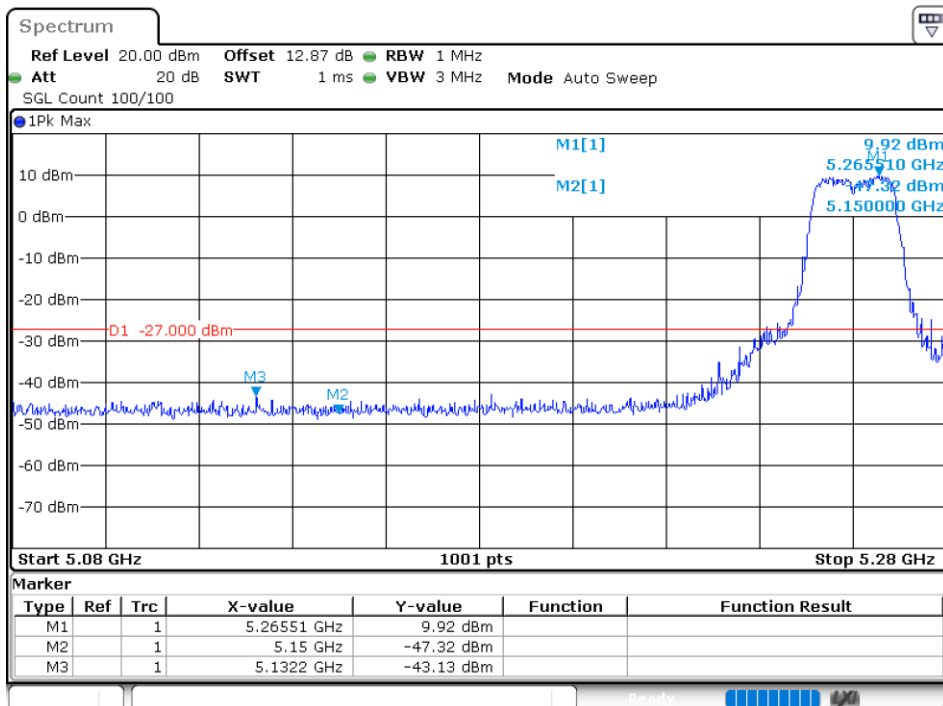
Band Edge NVNT n40 5270MHz Low Ant1



Band Edge NVNT n40 5310MHz High Ant1



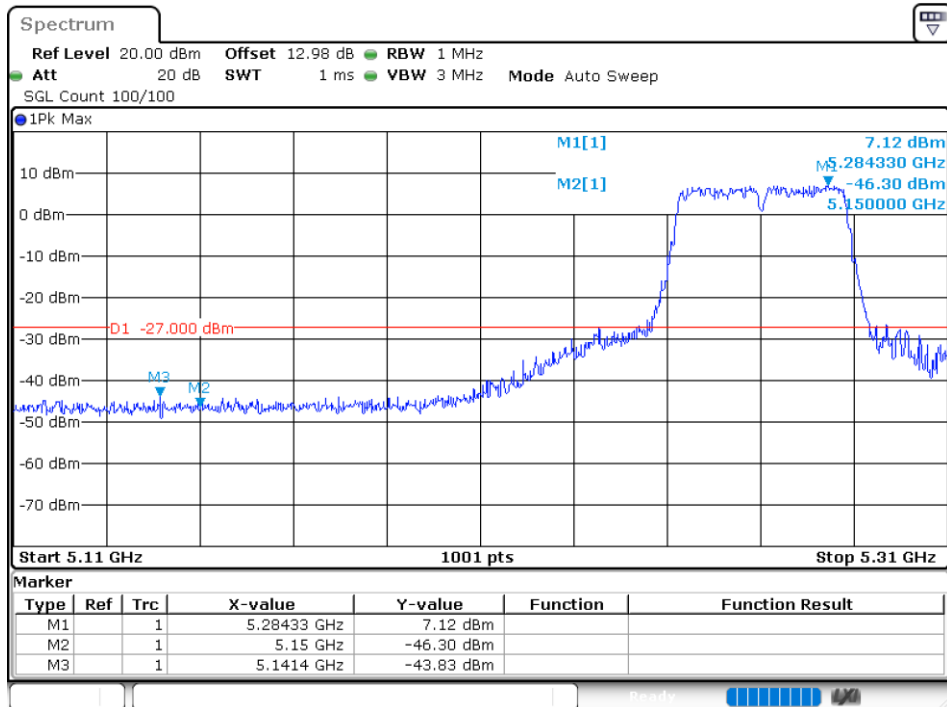
Band Edge NVNT ac20 5260MHz Low Ant1



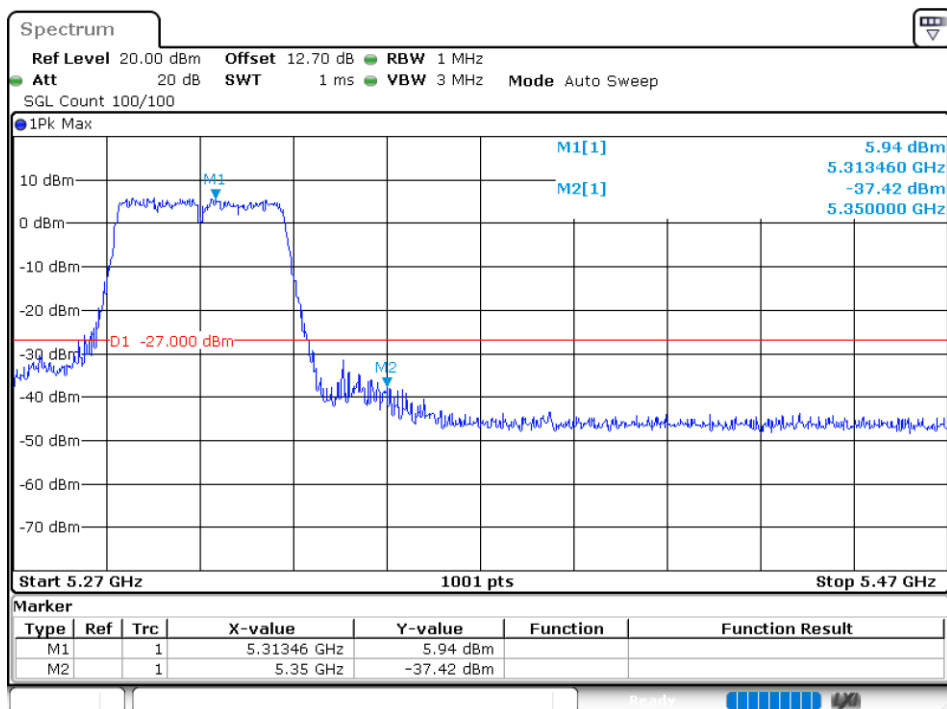
Band Edge NVNT ac20 5320MHz High Ant1



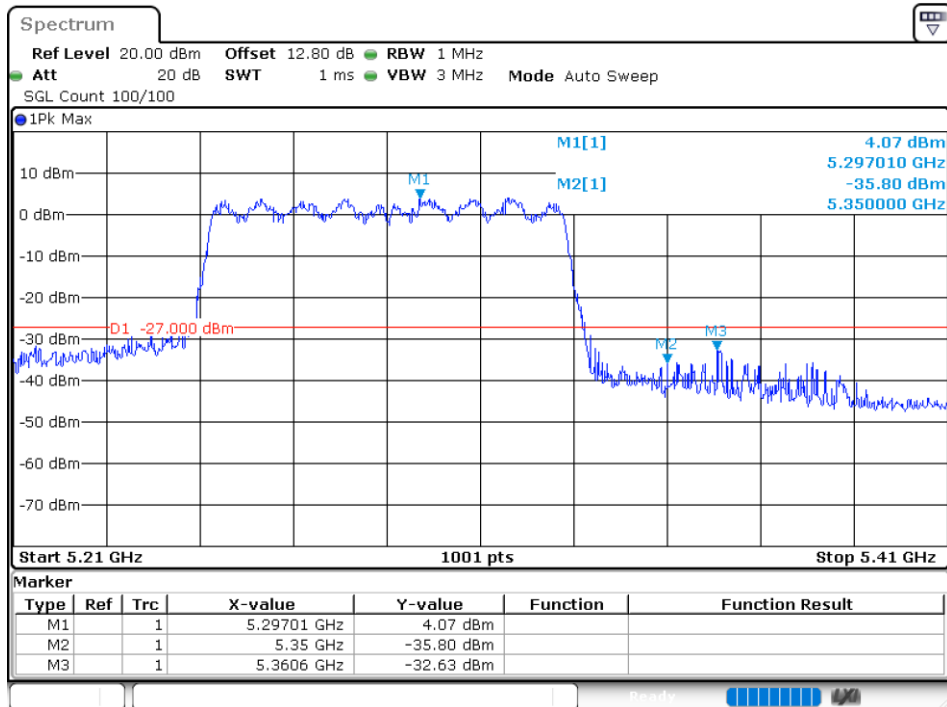
Band Edge NVNT ac40 5270MHz Low Ant1



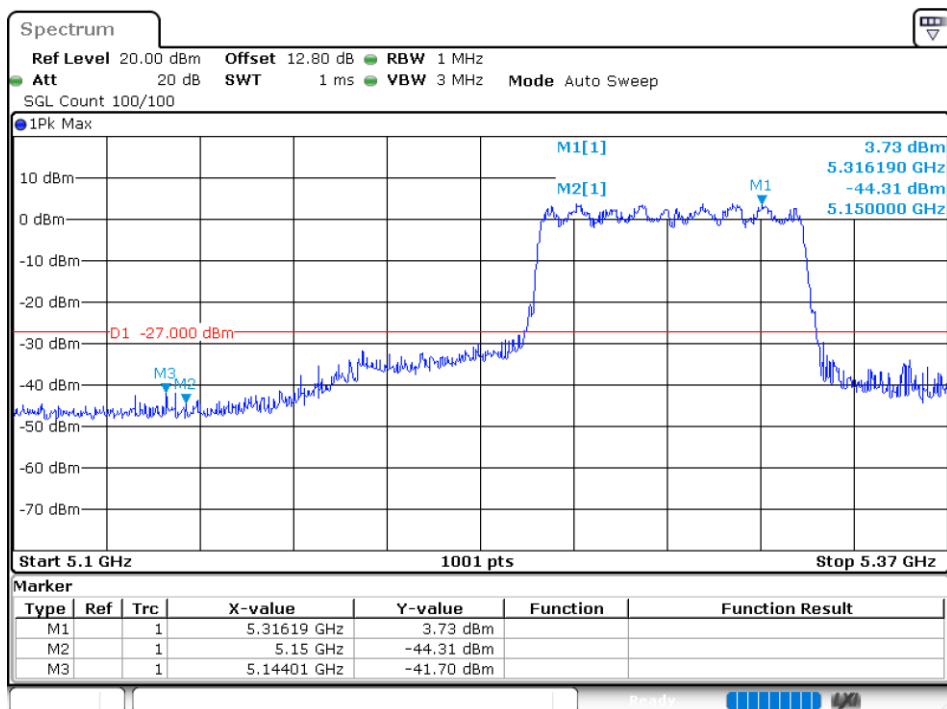
Band Edge NVNT ac40 5310MHz High Ant1



Band Edge NVNT ac80 5290MHz High Ant1



Band Edge NVNT ac80 5290MHz Low Ant1

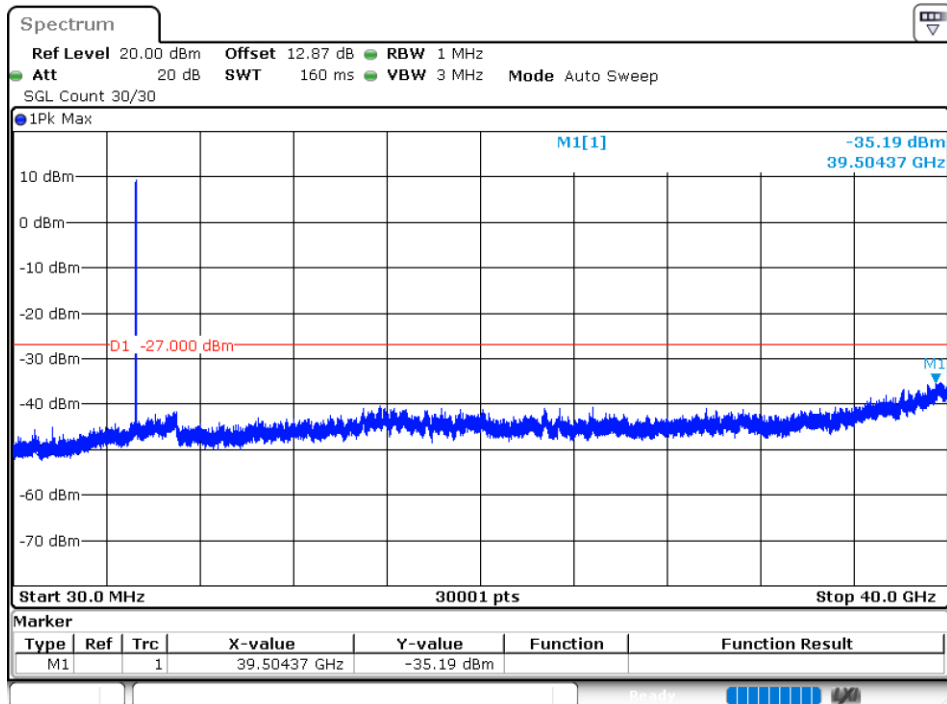


Conducted RF Spurious Emission

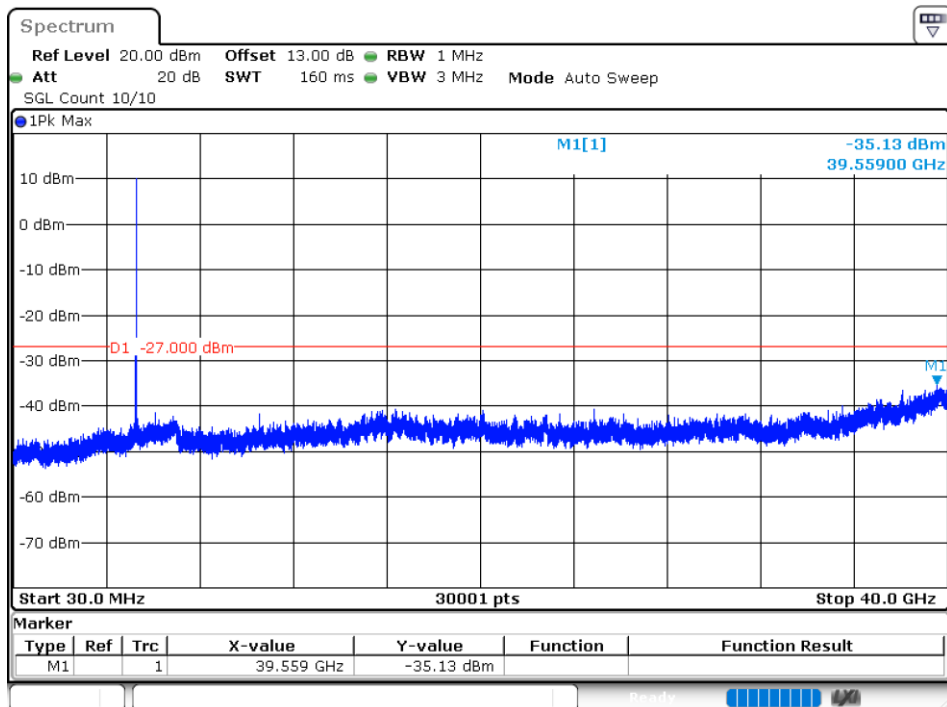
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-35.18	-27	Pass
NVNT	a	5280	Ant1	-35.13	-27	Pass
NVNT	a	5320	Ant1	-35.07	-27	Pass
NVNT	n20	5260	Ant1	-34.58	-27	Pass
NVNT	n20	5280	Ant1	-34.43	-27	Pass
NVNT	n20	5320	Ant1	-34.46	-27	Pass
NVNT	n40	5270	Ant1	-35.11	-27	Pass
NVNT	n40	5310	Ant1	-35.34	-27	Pass
NVNT	ac20	5260	Ant1	-34.79	-27	Pass
NVNT	ac20	5280	Ant1	-34.42	-27	Pass
NVNT	ac20	5320	Ant1	-35.37	-27	Pass
NVNT	ac40	5270	Ant1	-34.88	-27	Pass
NVNT	ac40	5310	Ant1	-34.71	-27	Pass
NVNT	ac80	5290	Ant1	-34.77	-27	Pass

Test Graphs

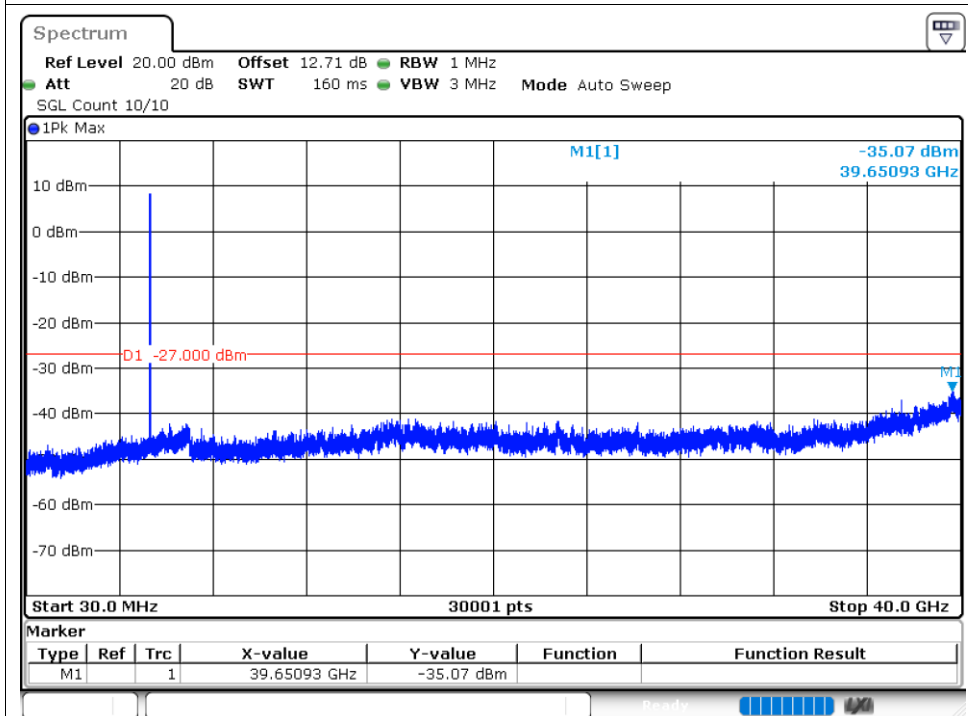
Tx. Spurious NVNT a 5260MHz Ant1 Emission



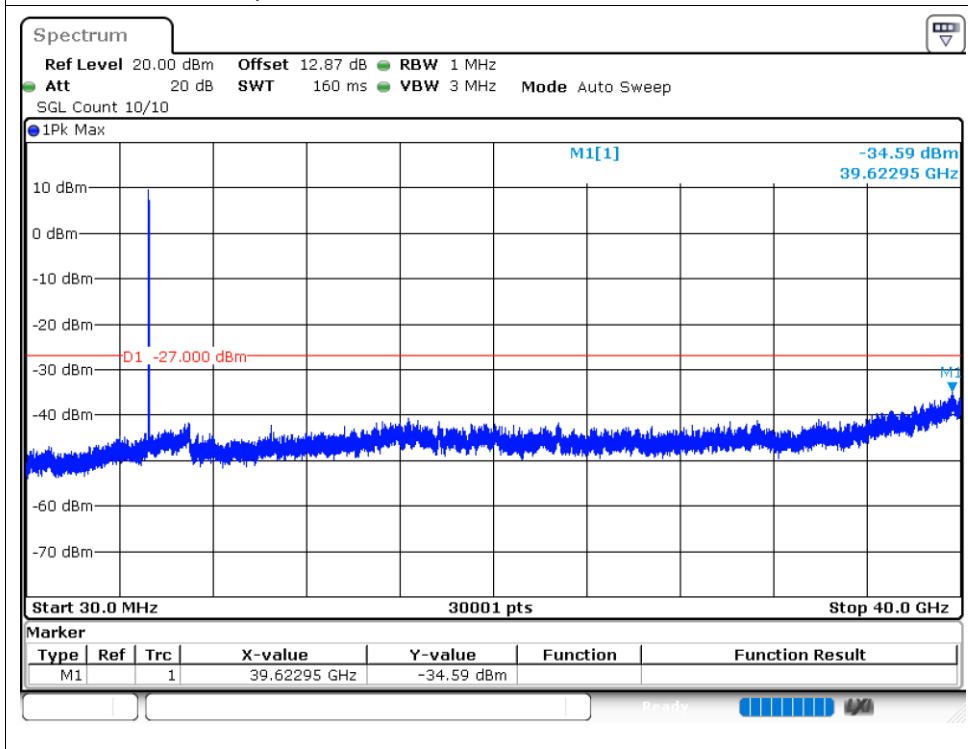
Tx. Spurious NVNT a 5280MHz Ant1 Emission



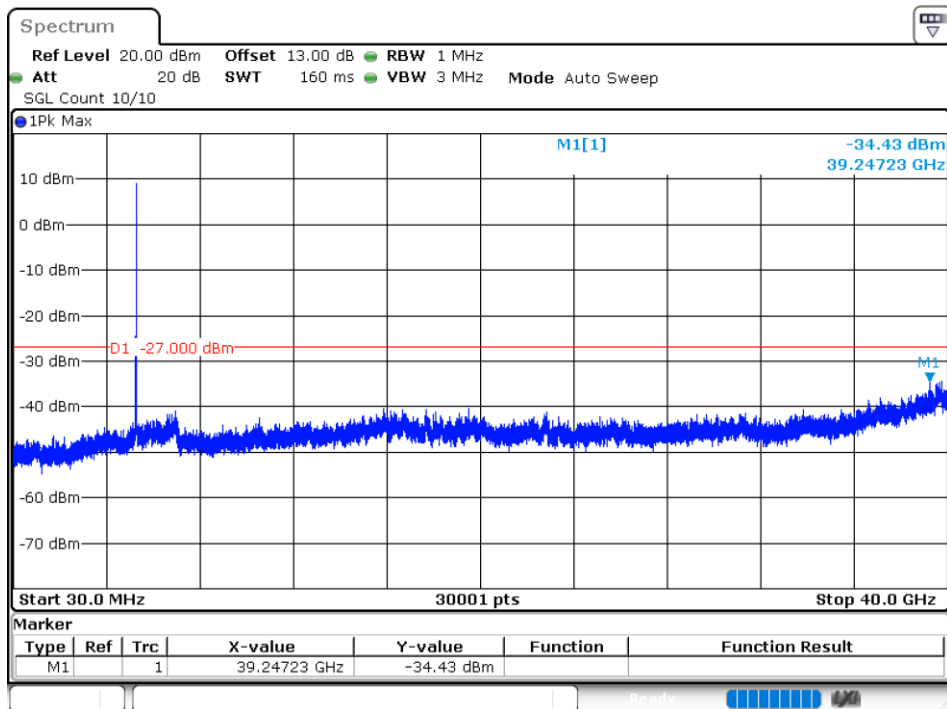
Tx. Spurious NVNT a 5320MHz Ant1 Emission



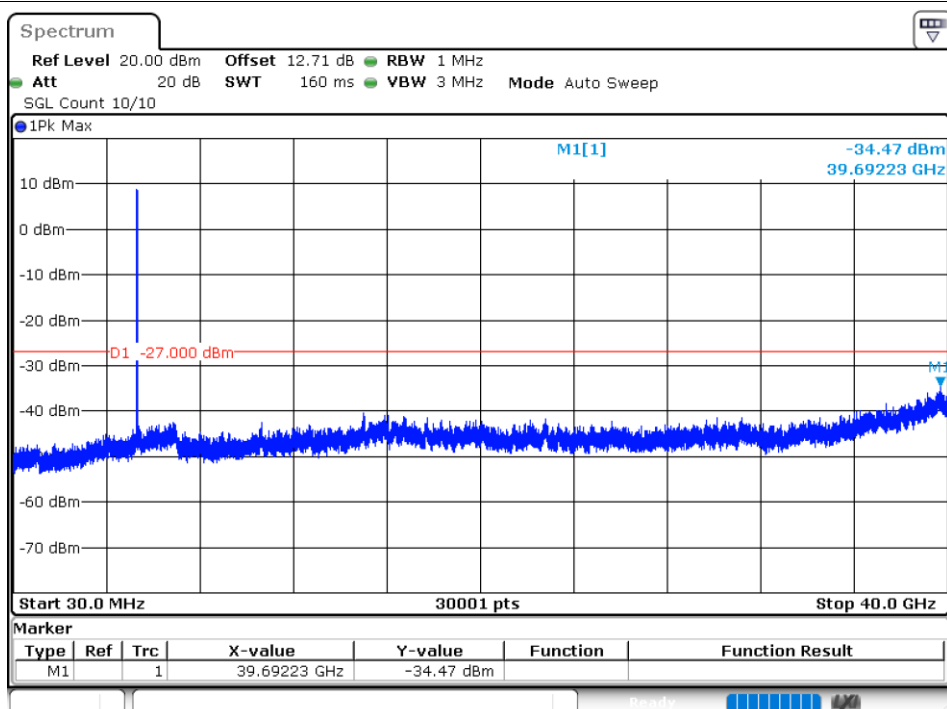
Tx. Spurious NVNT n20 5260MHz Ant1 Emission



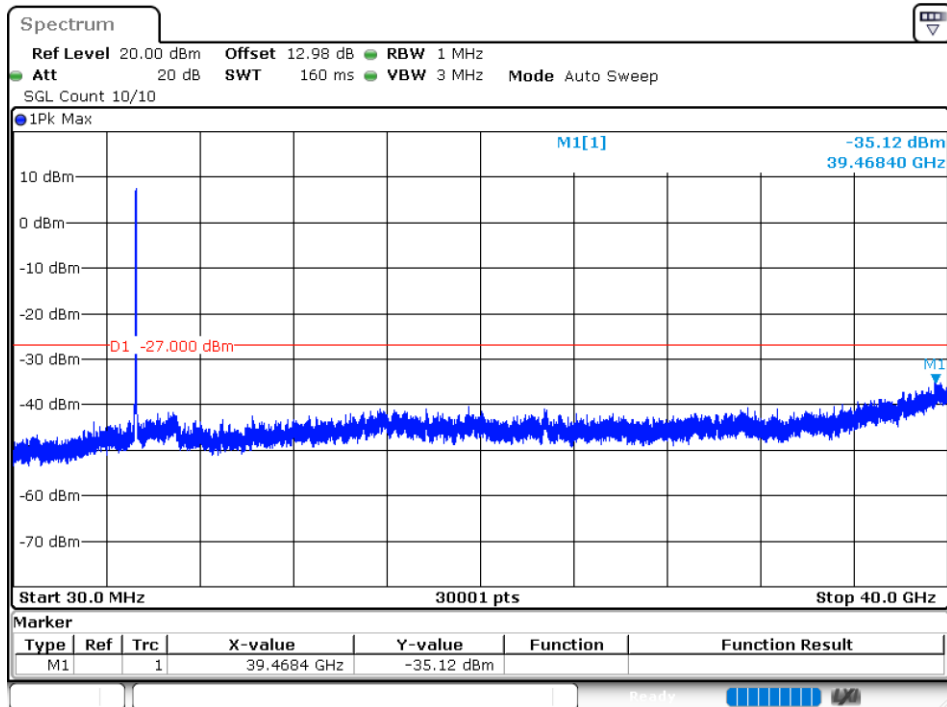
Tx. Spurious NVNT n20 5280MHz Ant1 Emission



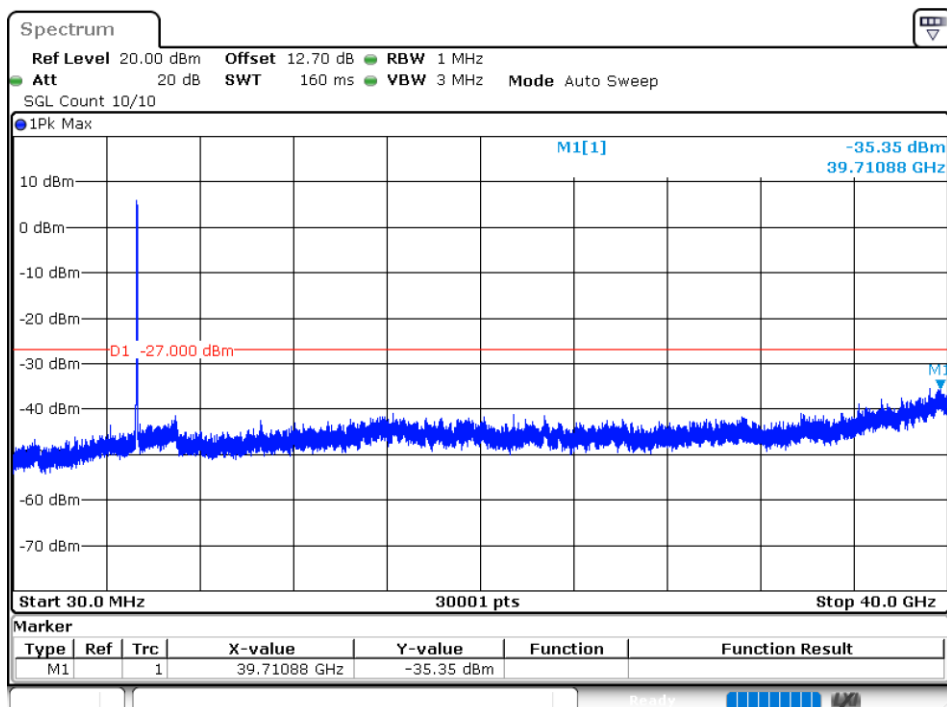
Tx. Spurious NVNT n20 5320MHz Ant1 Emission



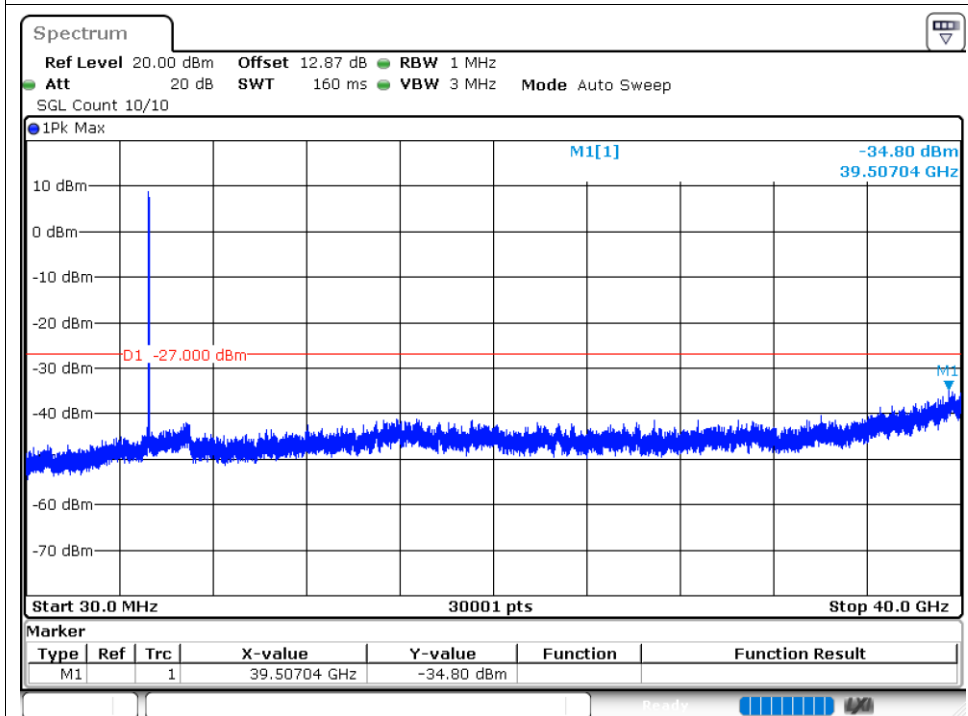
Tx. Spurious NVNT n40 5270MHz Ant1 Emission



Tx. Spurious NVNT n40 5310MHz Ant1 Emission



Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



Tx. Spurious NVNT ac20 5280MHz Ant1 Emission

