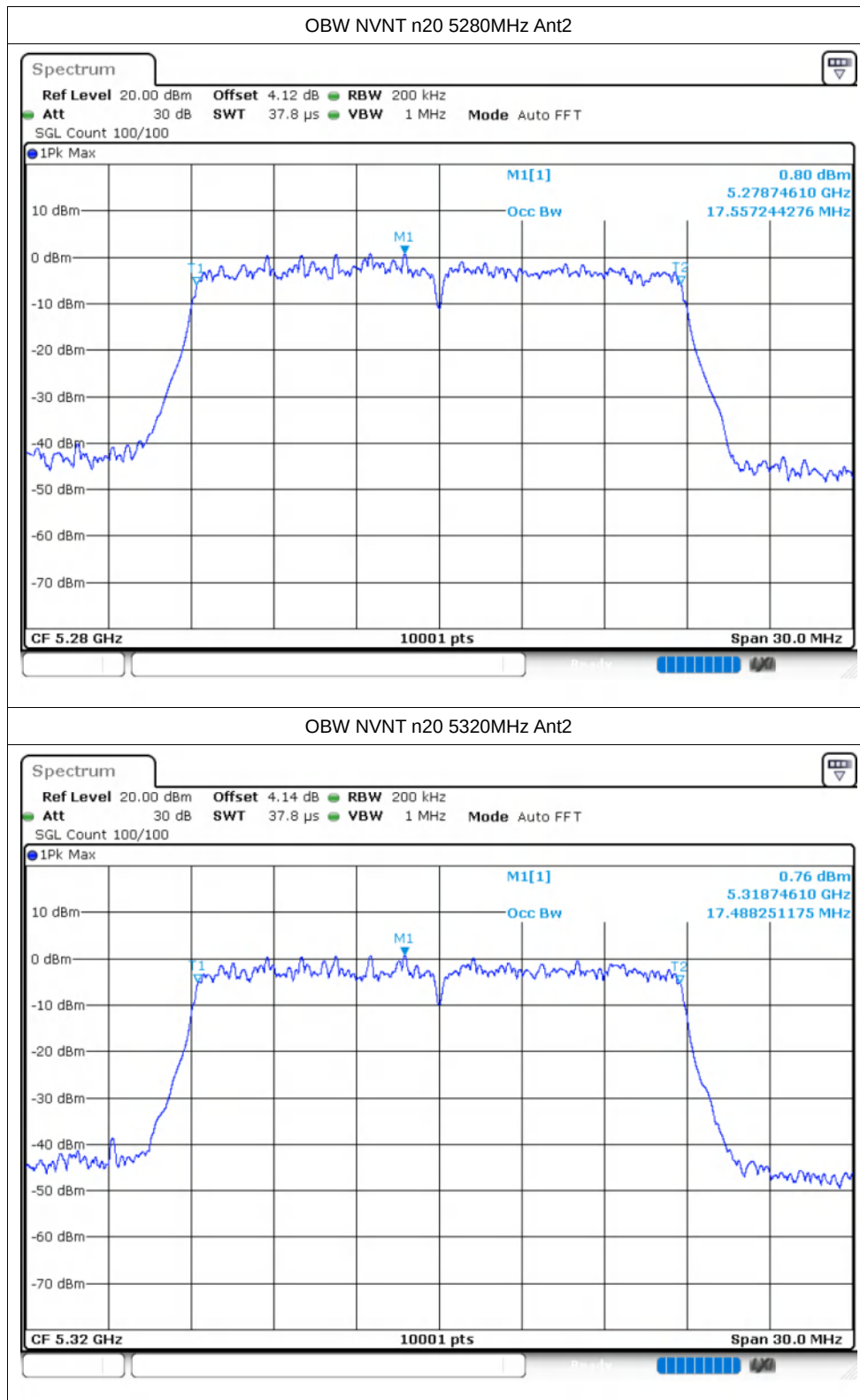
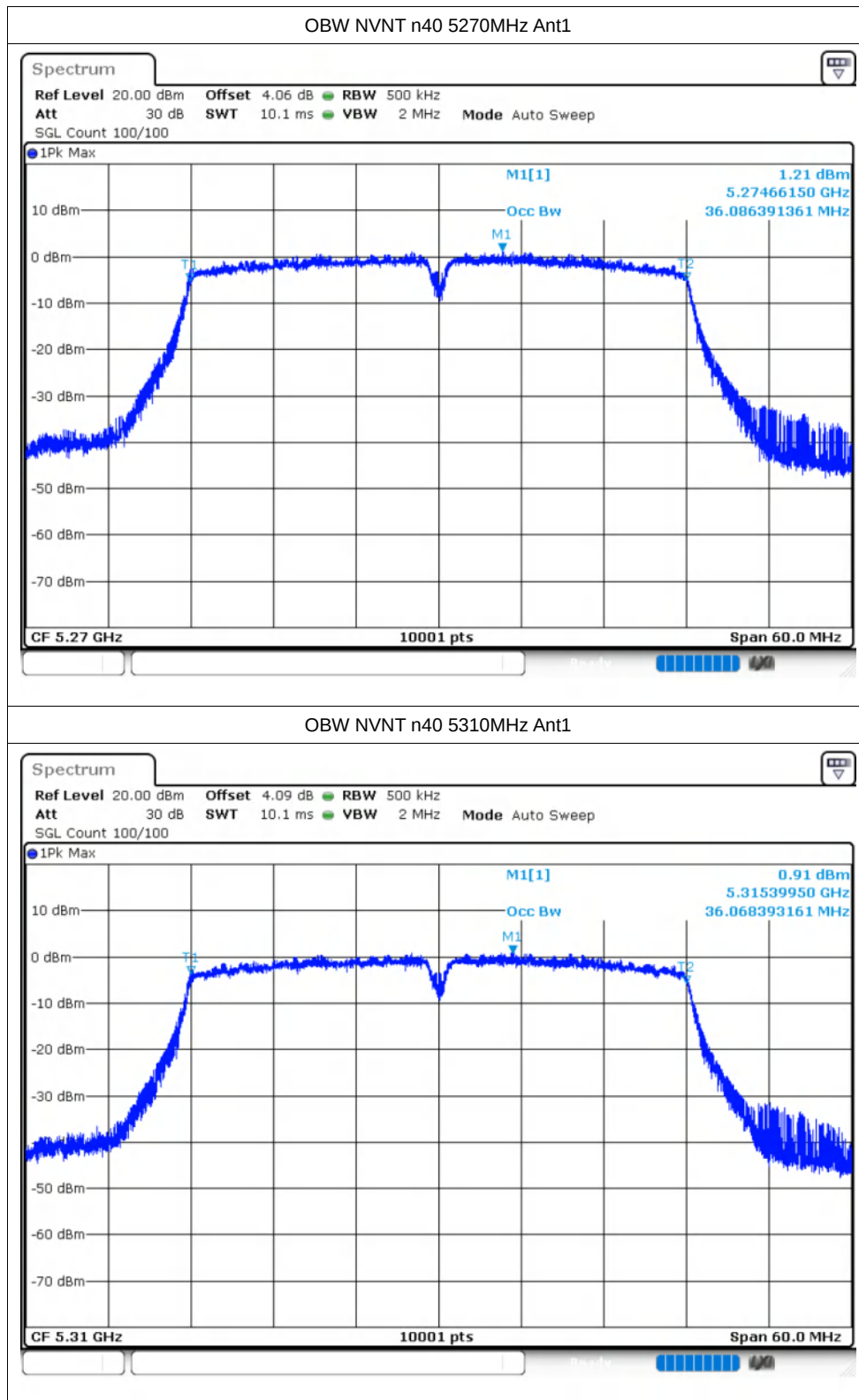
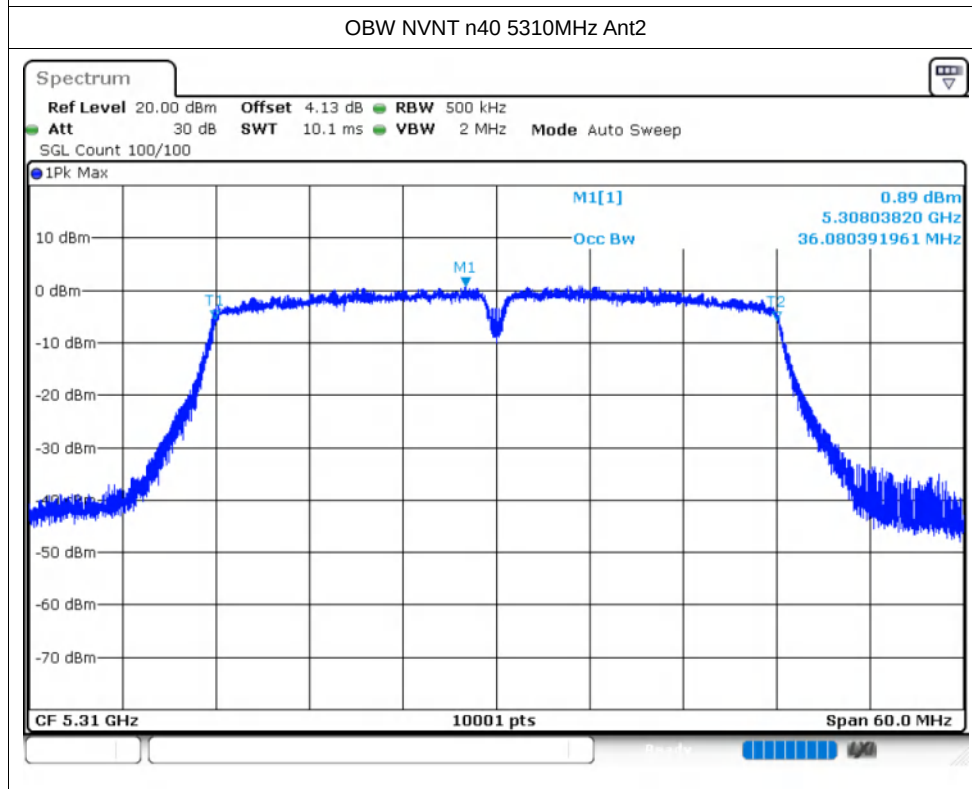
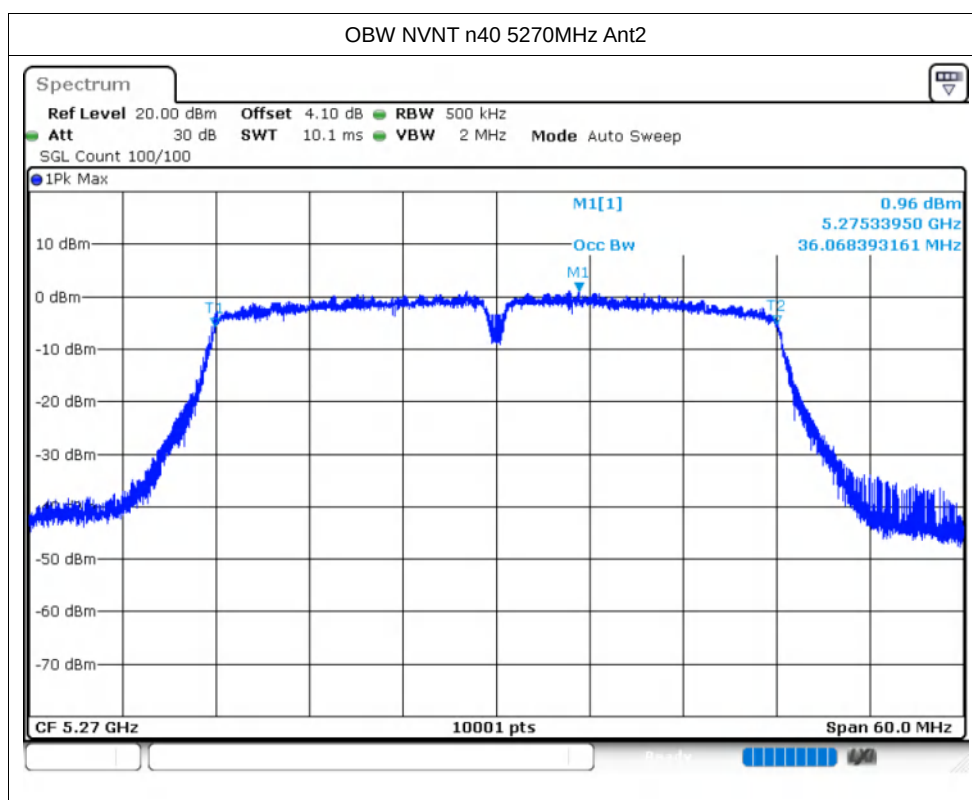
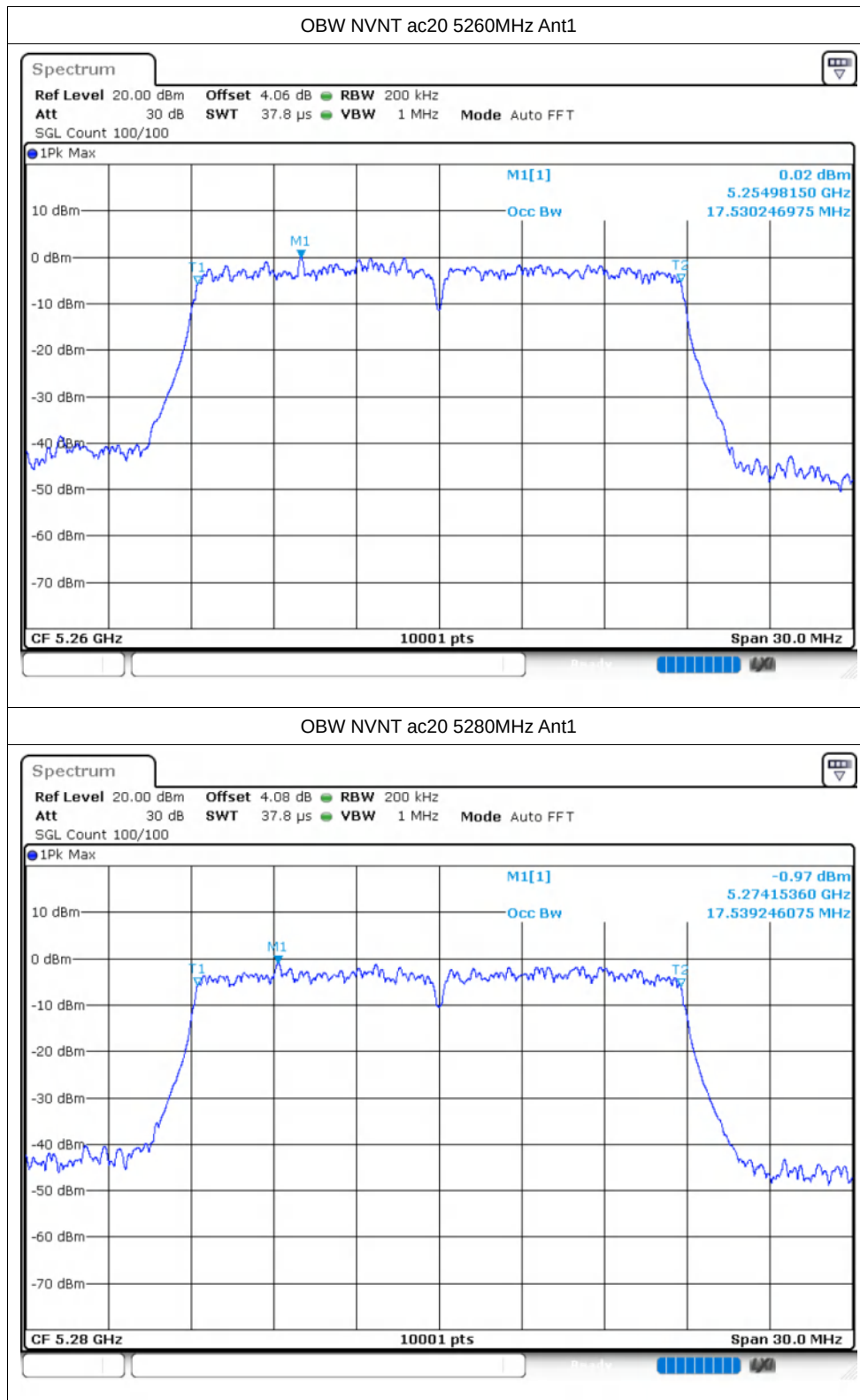


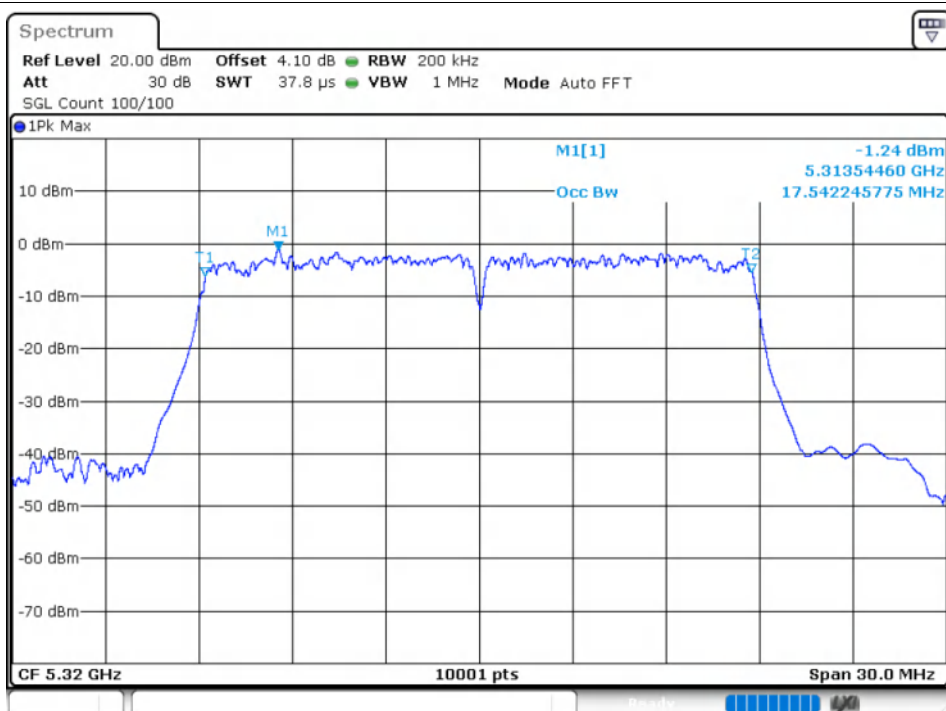




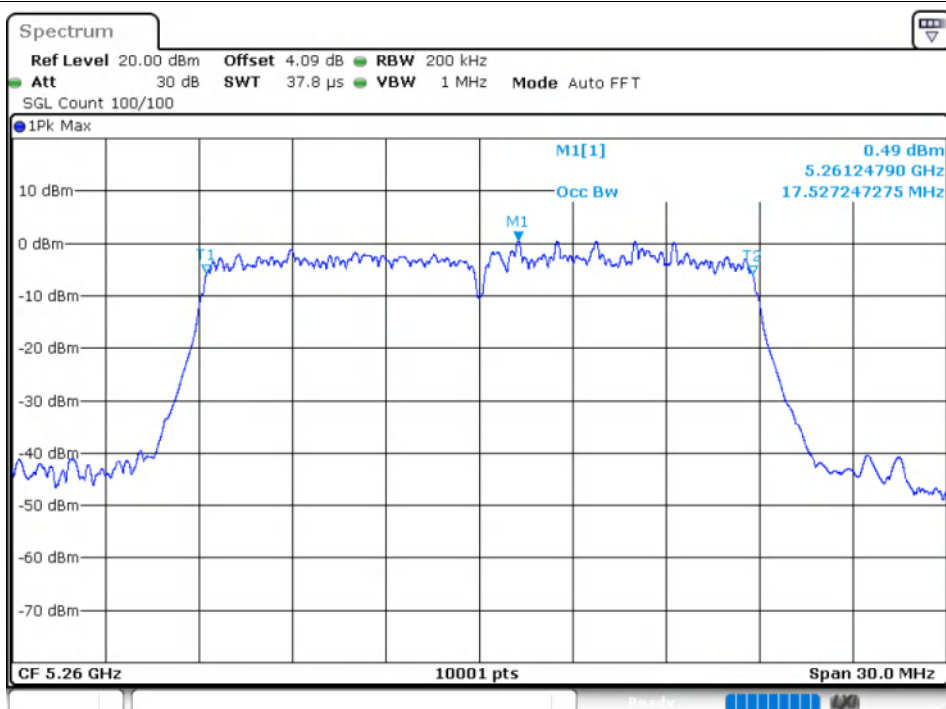




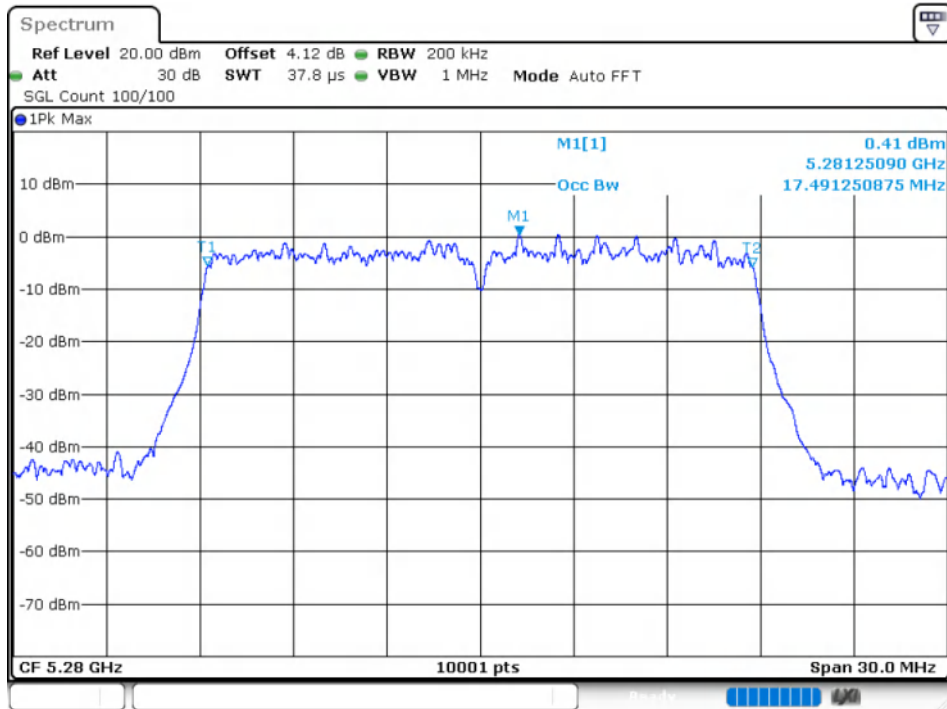
OBW NVNT ac20 5320MHz Ant1



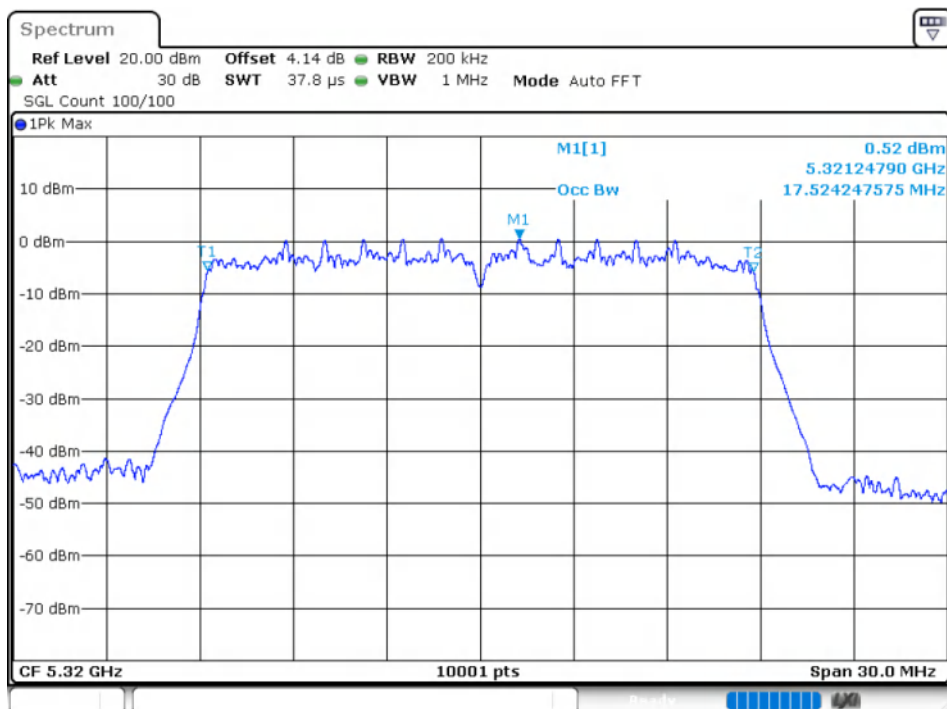
OBW NVNT ac20 5260MHz Ant2

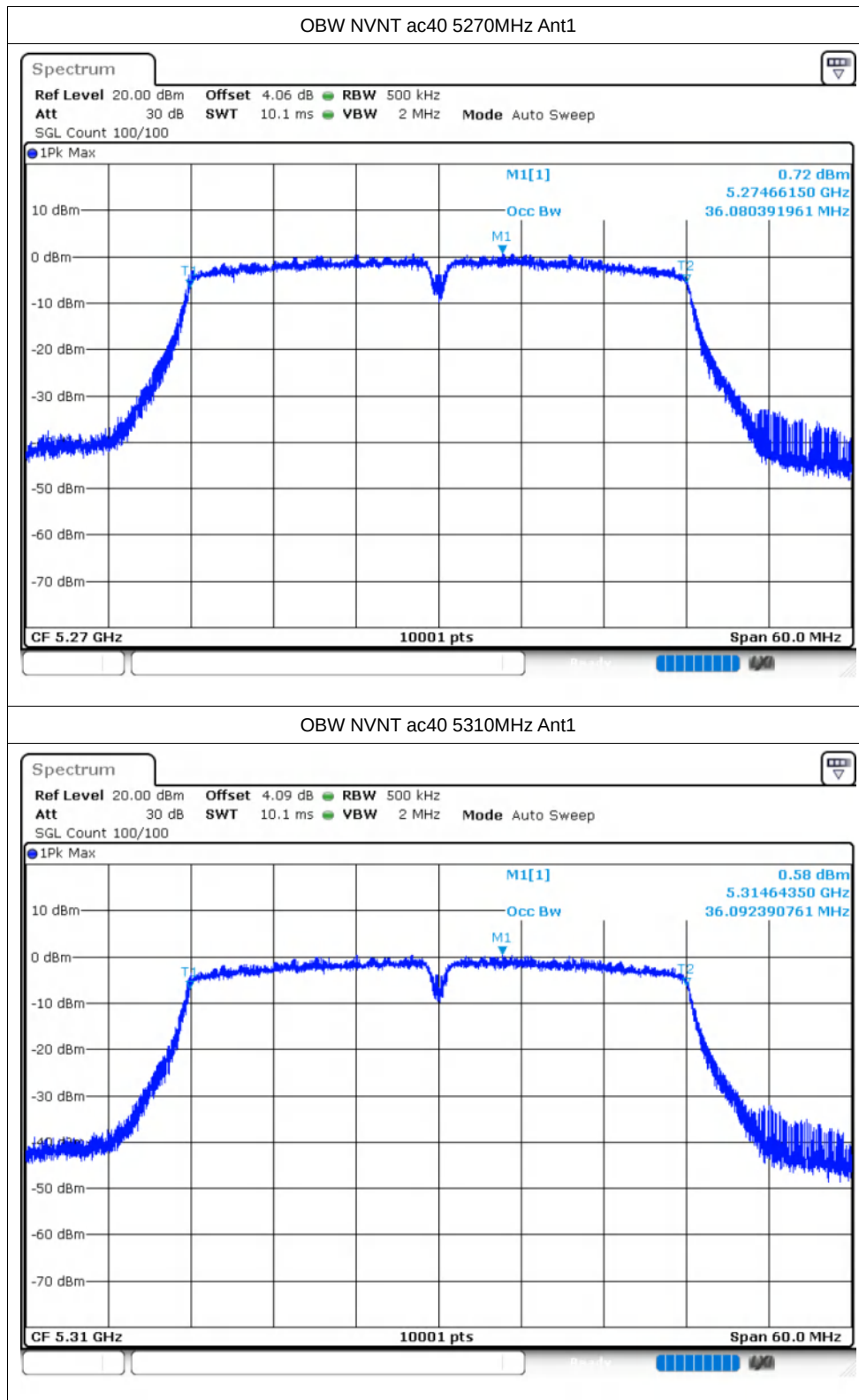


OBW NVNT ac20 5280MHz Ant2

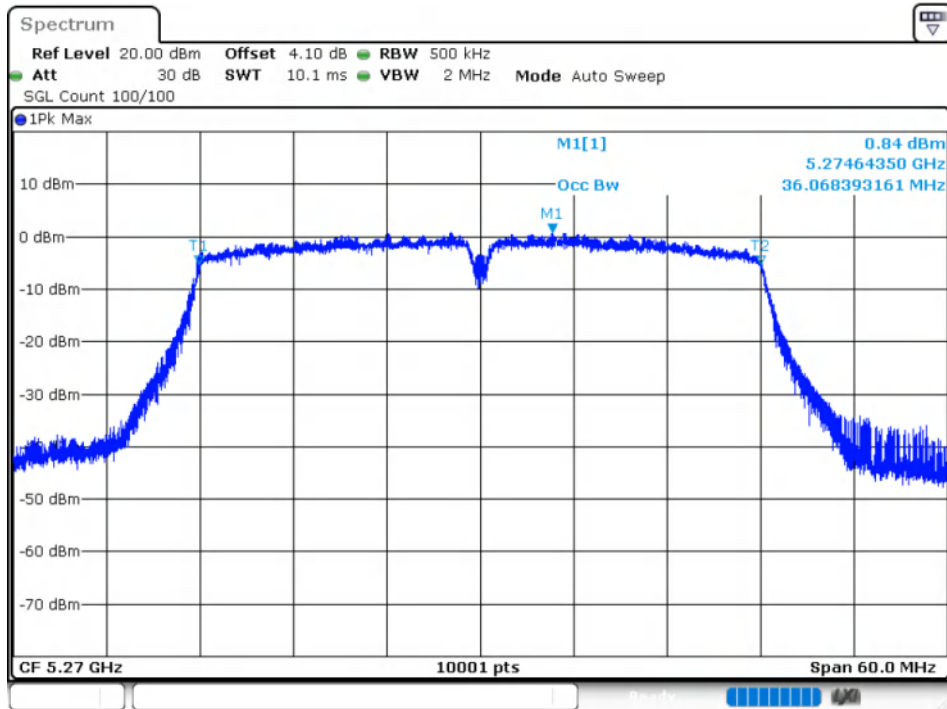


OBW NVNT ac20 5320MHz Ant2

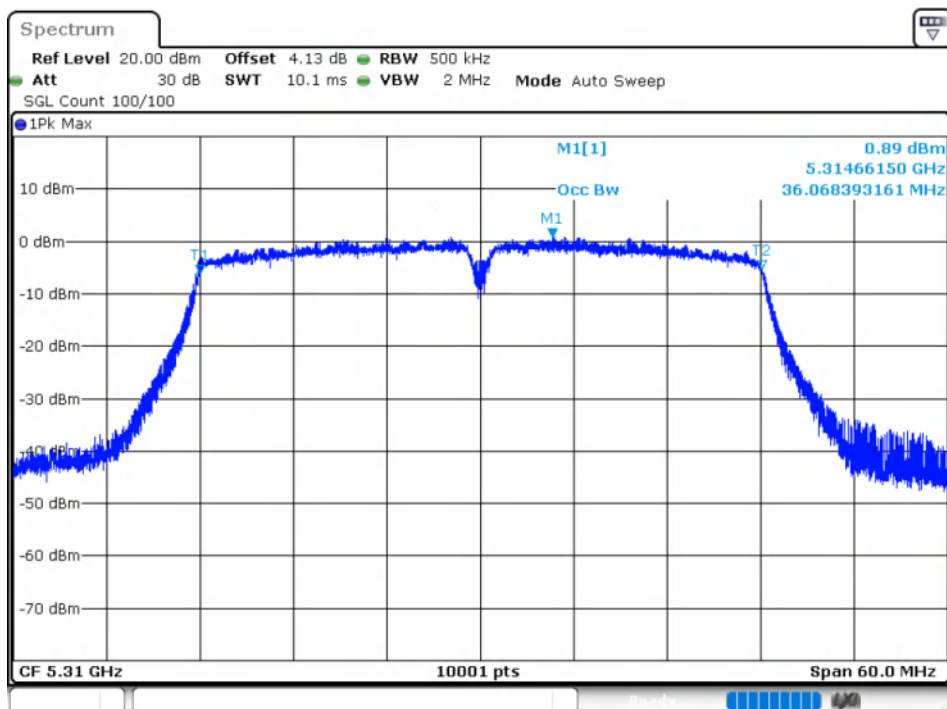


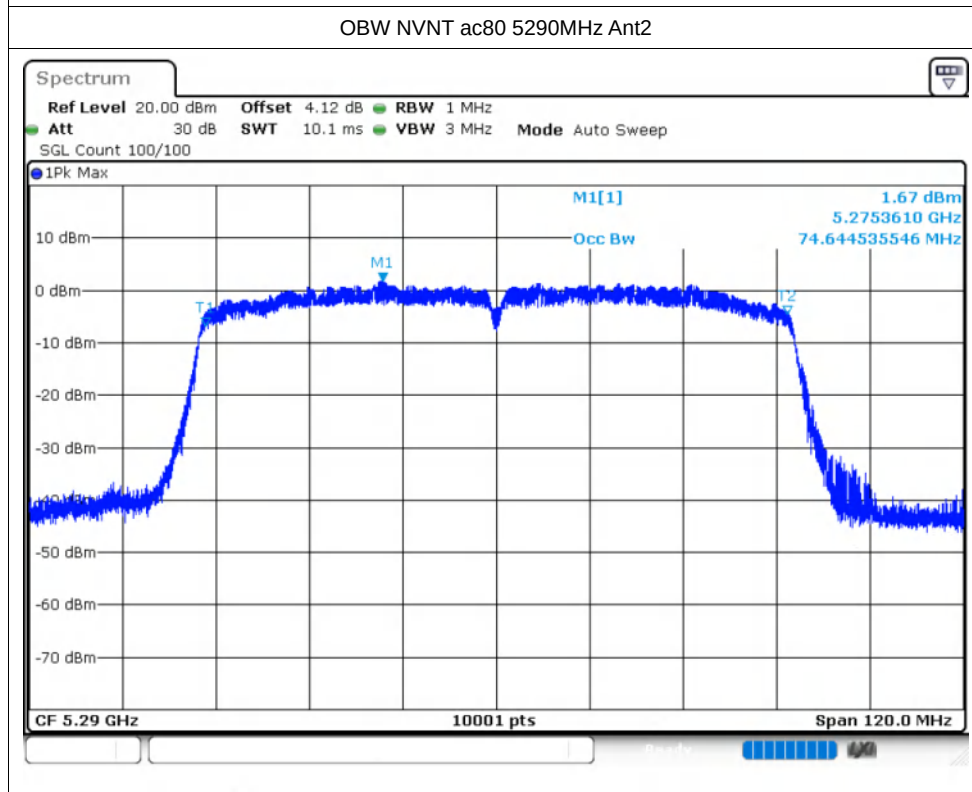
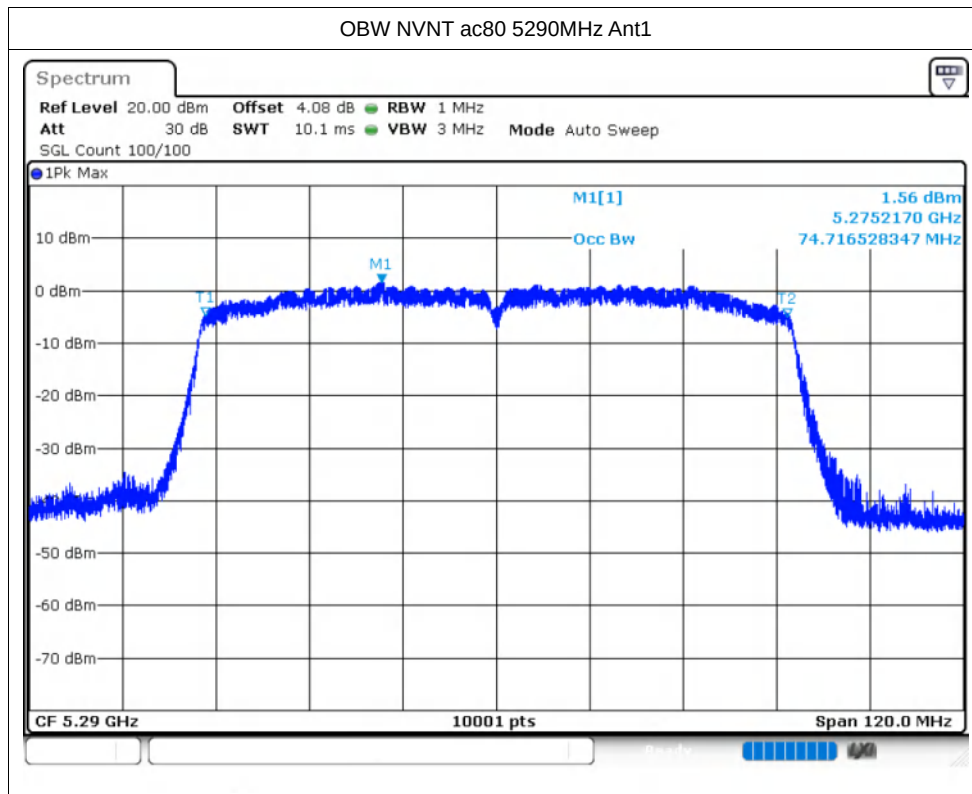


OBW NVNT ac40 5270MHz Ant2



OBW NVNT ac40 5310MHz Ant2



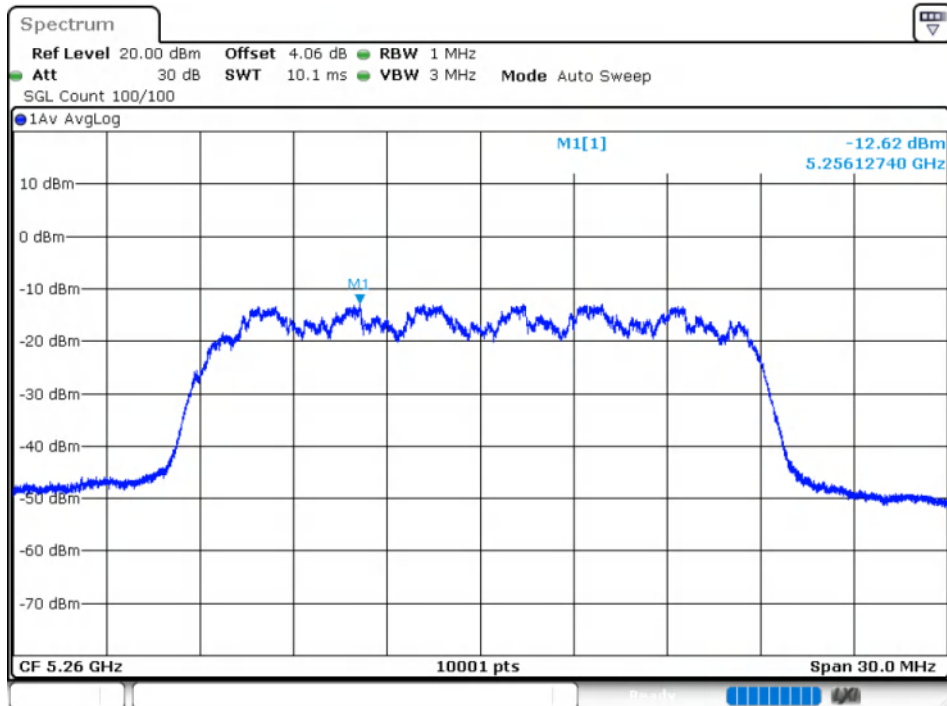


Maximum Power Spectral Density Level

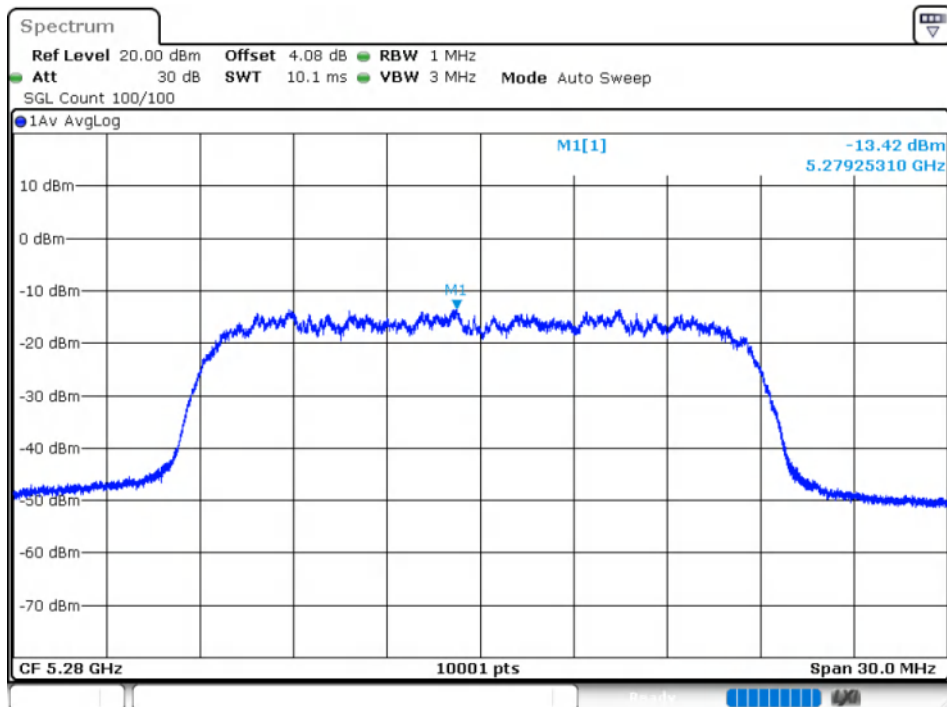
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-12.62	1.32	-11.3	11	Pass
NVNT	a	5280	Ant1	-13.42	1.33	-12.09	11	Pass
NVNT	a	5320	Ant1	-12.61	1.34	-11.27	11	Pass
NVNT	a	5260	Ant2	-14.42	1.31	-13.11	11	Pass
NVNT	a	5280	Ant2	-12.57	1.31	-11.26	11	Pass
NVNT	a	5320	Ant2	-13.82	1.34	-12.48	11	Pass
NVNT	n20	5260	Ant1	-14.33	1.4	-12.93	10.44	Pass
NVNT	n20	5280	Ant1	-13.66	1.4	-12.26	10.44	Pass
NVNT	n20	5320	Ant1	-13.31	1.42	-11.89	10.44	Pass
NVNT	n20	5260	Ant2	-12.27	1.41	-10.86	10.44	Pass
NVNT	n20	5280	Ant2	-13.74	1.4	-12.34	10.44	Pass
NVNT	n20	5320	Ant2	-14.33	1.41	-12.92	10.44	Pass
NVNT	n40	5270	Ant1	-23.15	2.48	-20.67	10.44	Pass
NVNT	n40	5310	Ant1	-23.37	2.48	-20.89	10.44	Pass
NVNT	n40	5270	Ant2	-24.47	2.45	-22.02	10.44	Pass
NVNT	n40	5310	Ant2	-23.03	2.46	-20.57	10.44	Pass
NVNT	ac20	5260	Ant1	-14.76	1.41	-13.35	10.44	Pass
NVNT	ac20	5280	Ant1	-14.04	1.4	-12.64	10.44	Pass
NVNT	ac20	5320	Ant1	-14.16	1.42	-12.74	10.44	Pass
NVNT	ac20	5260	Ant2	-14.1	1.4	-12.7	10.44	Pass
NVNT	ac20	5280	Ant2	-13.95	1.4	-12.55	10.44	Pass
NVNT	ac20	5320	Ant2	-13.4	1.39	-12.01	10.44	Pass
NVNT	ac40	5270	Ant1	-22.69	2.47	-20.22	10.44	Pass
NVNT	ac40	5310	Ant1	-24.99	2.46	-22.53	10.44	Pass
NVNT	ac40	5270	Ant2	-24.46	2.46	-22	10.44	Pass
NVNT	ac40	5310	Ant2	-24.55	2.46	-22.09	10.44	Pass
NVNT	ac80	5290	Ant1	-32.61	4	-28.61	10.44	Pass
NVNT	ac80	5290	Ant2	-34.3	3.98	-30.32	10.44	Pass

Test Graphs

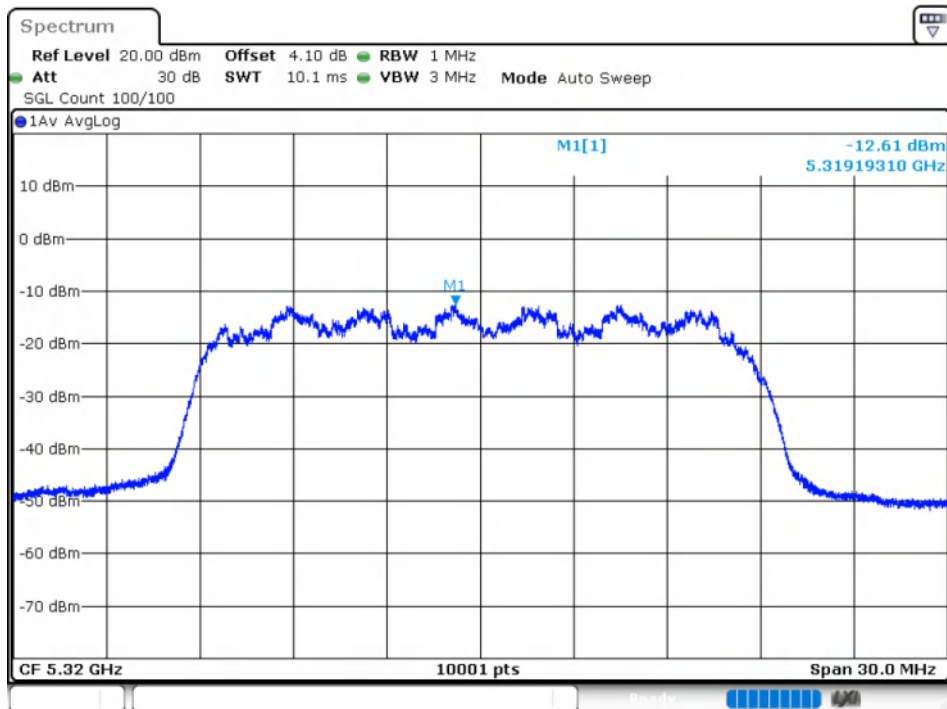
PSD NVNT a 5260MHz Ant1



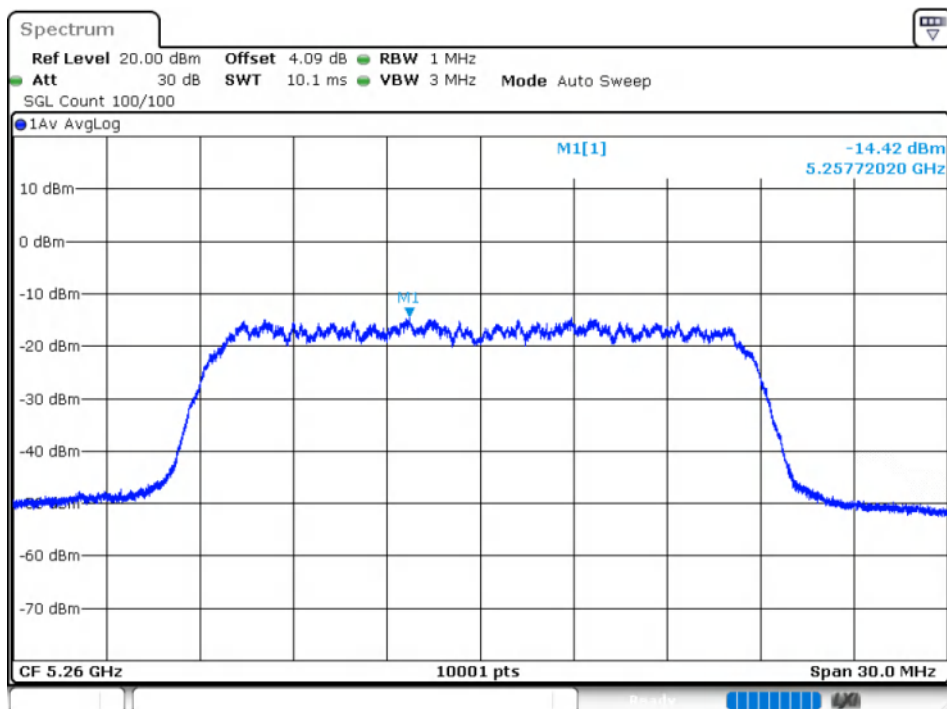
PSD NVNT a 5280MHz Ant1

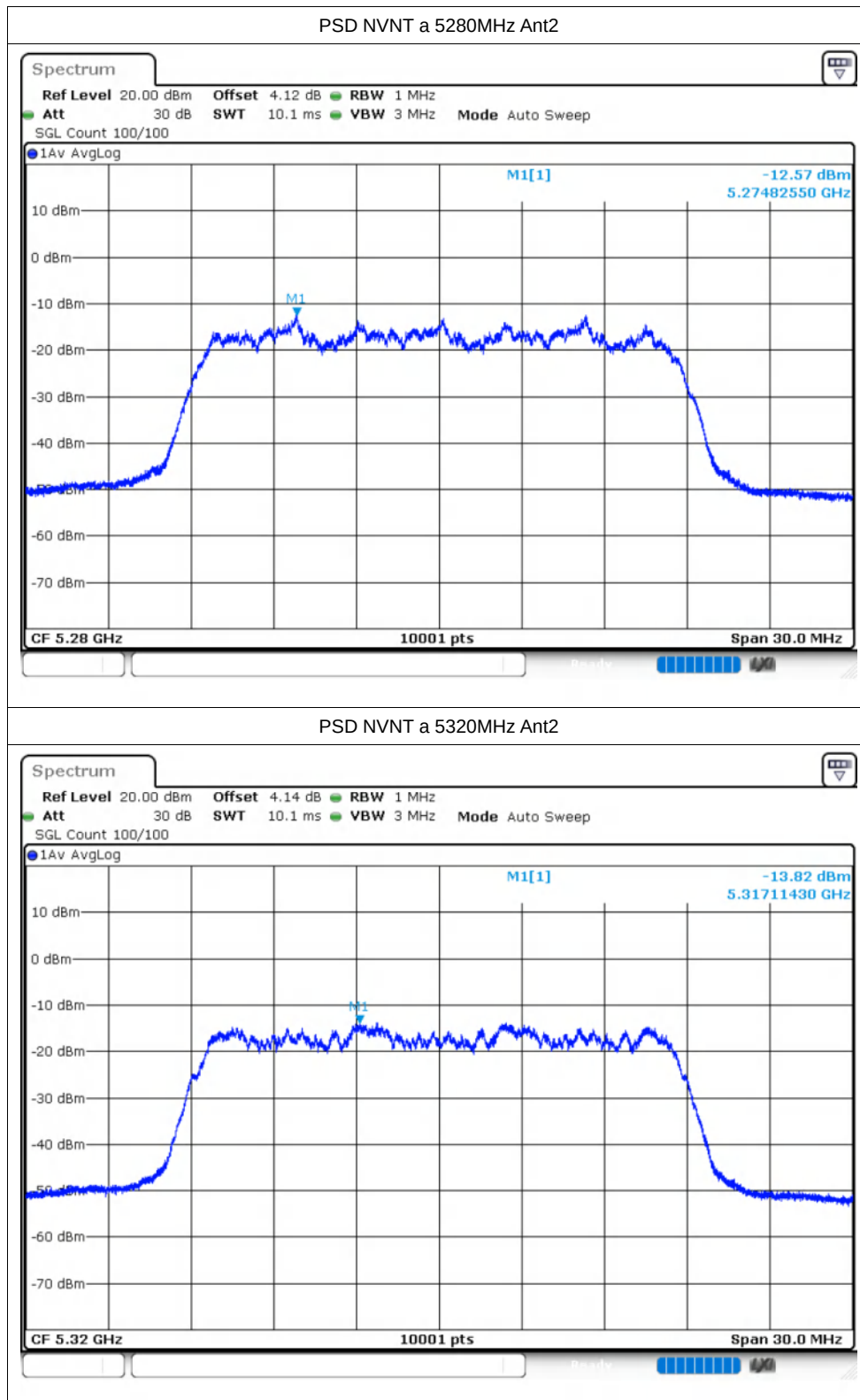


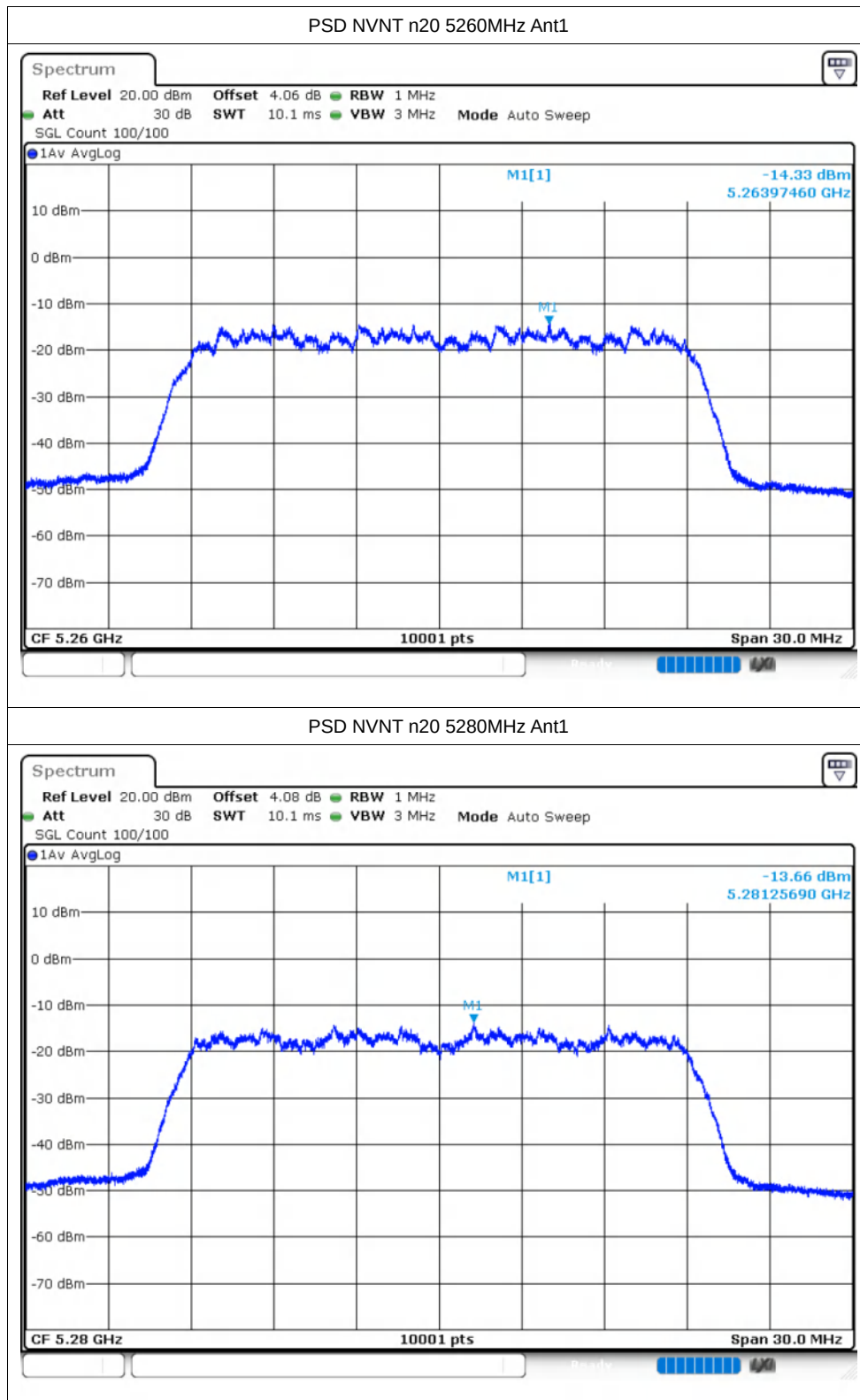
PSD NVNT a 5320MHz Ant1

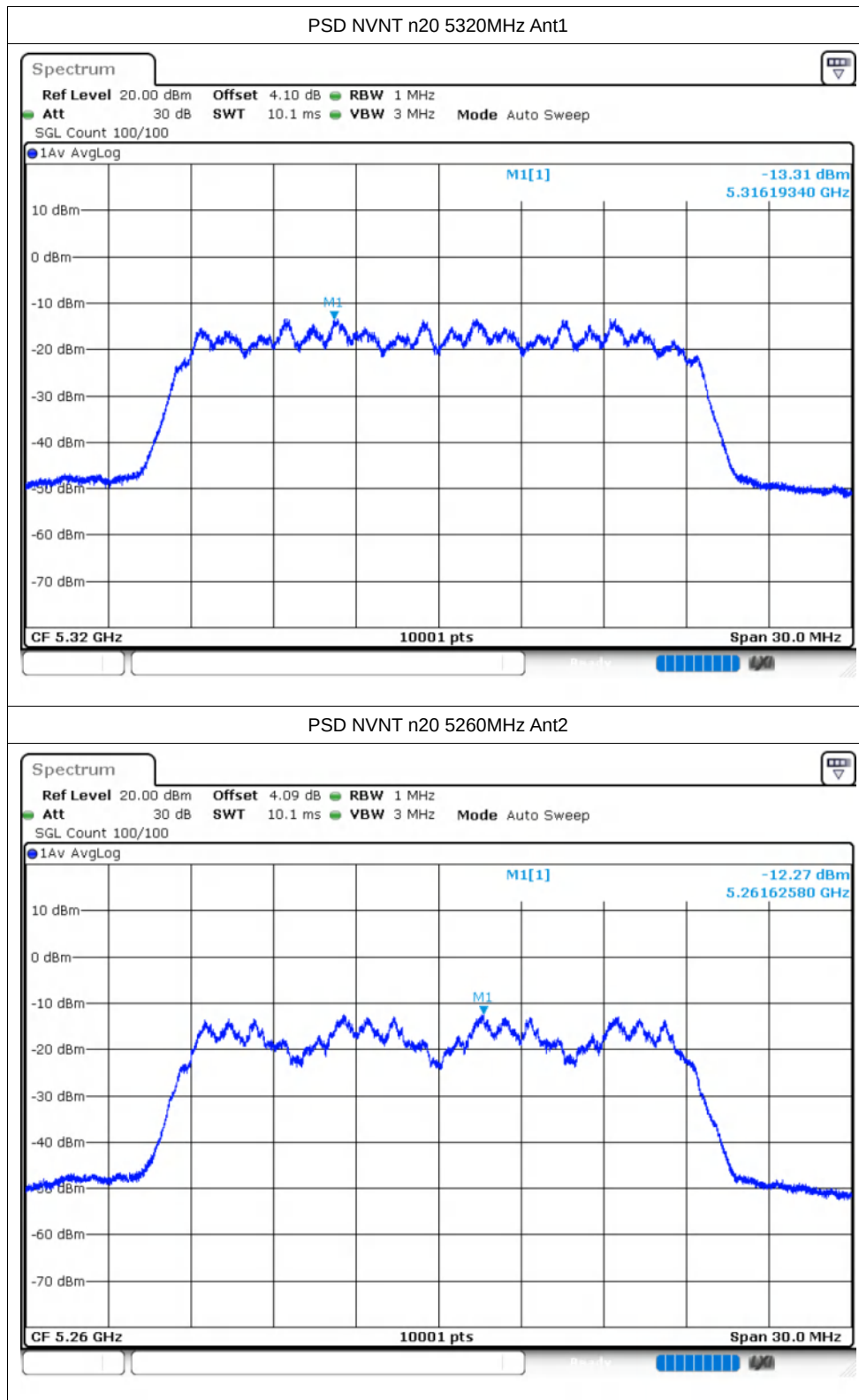


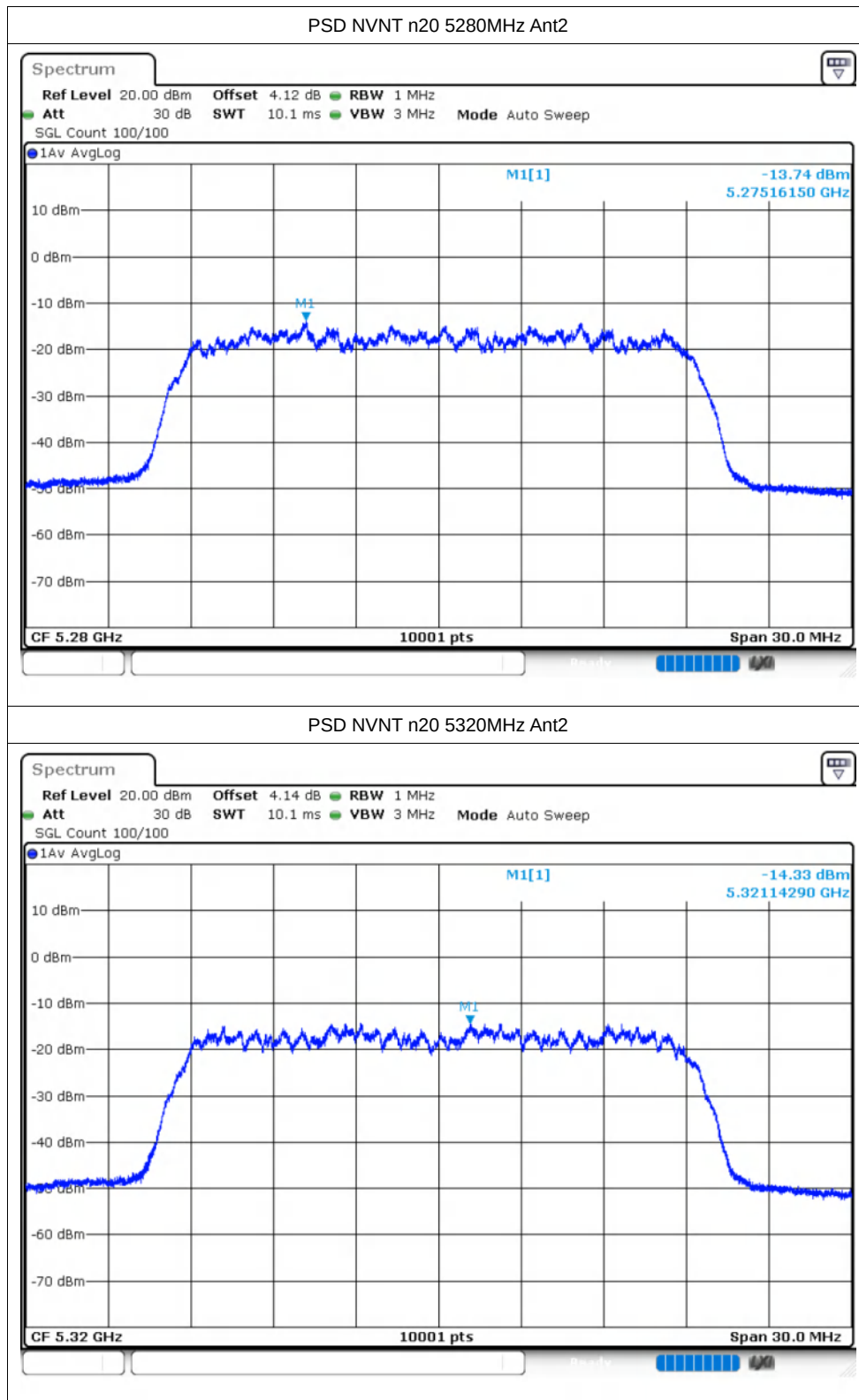
PSD NVNT a 5260MHz Ant2

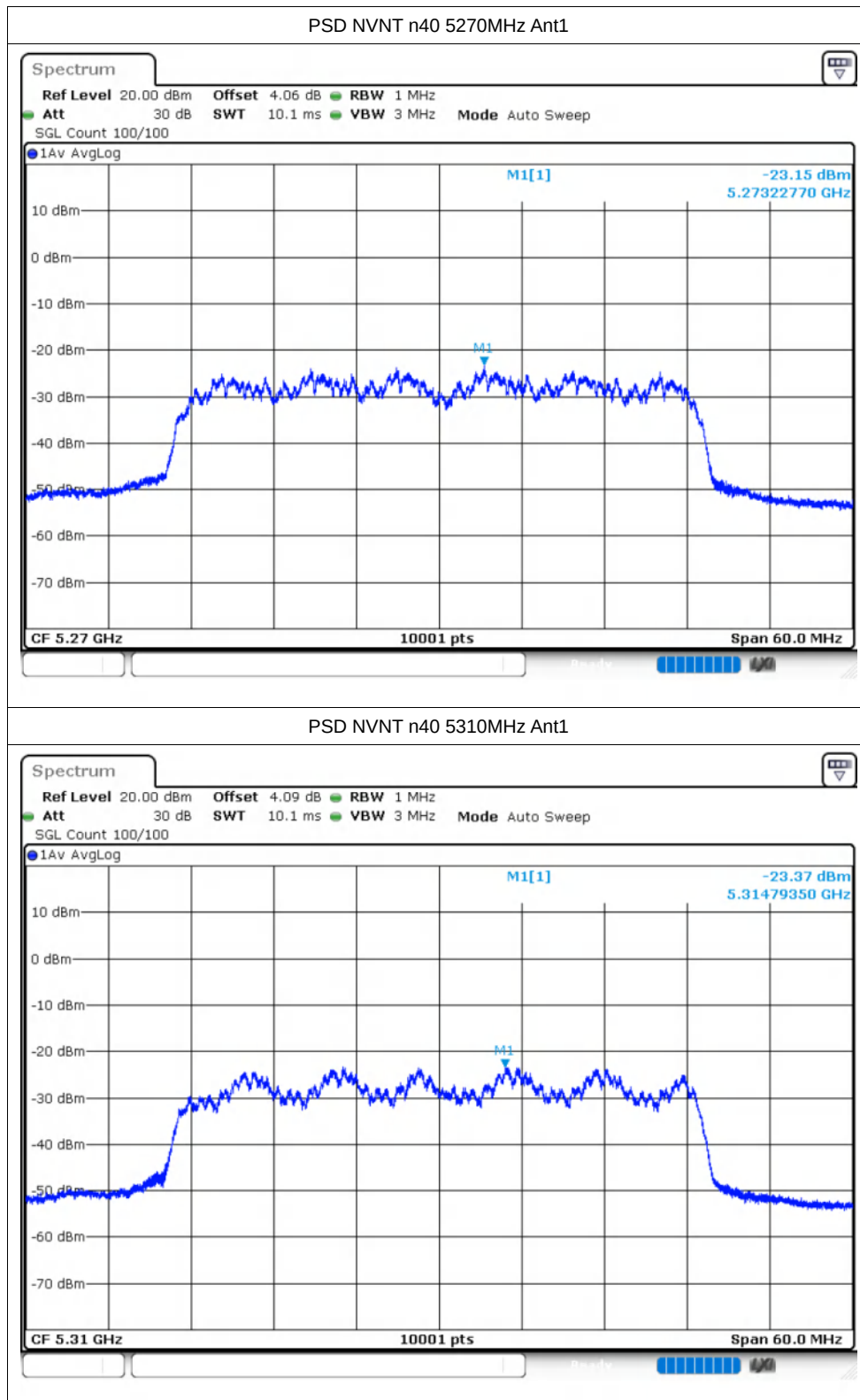


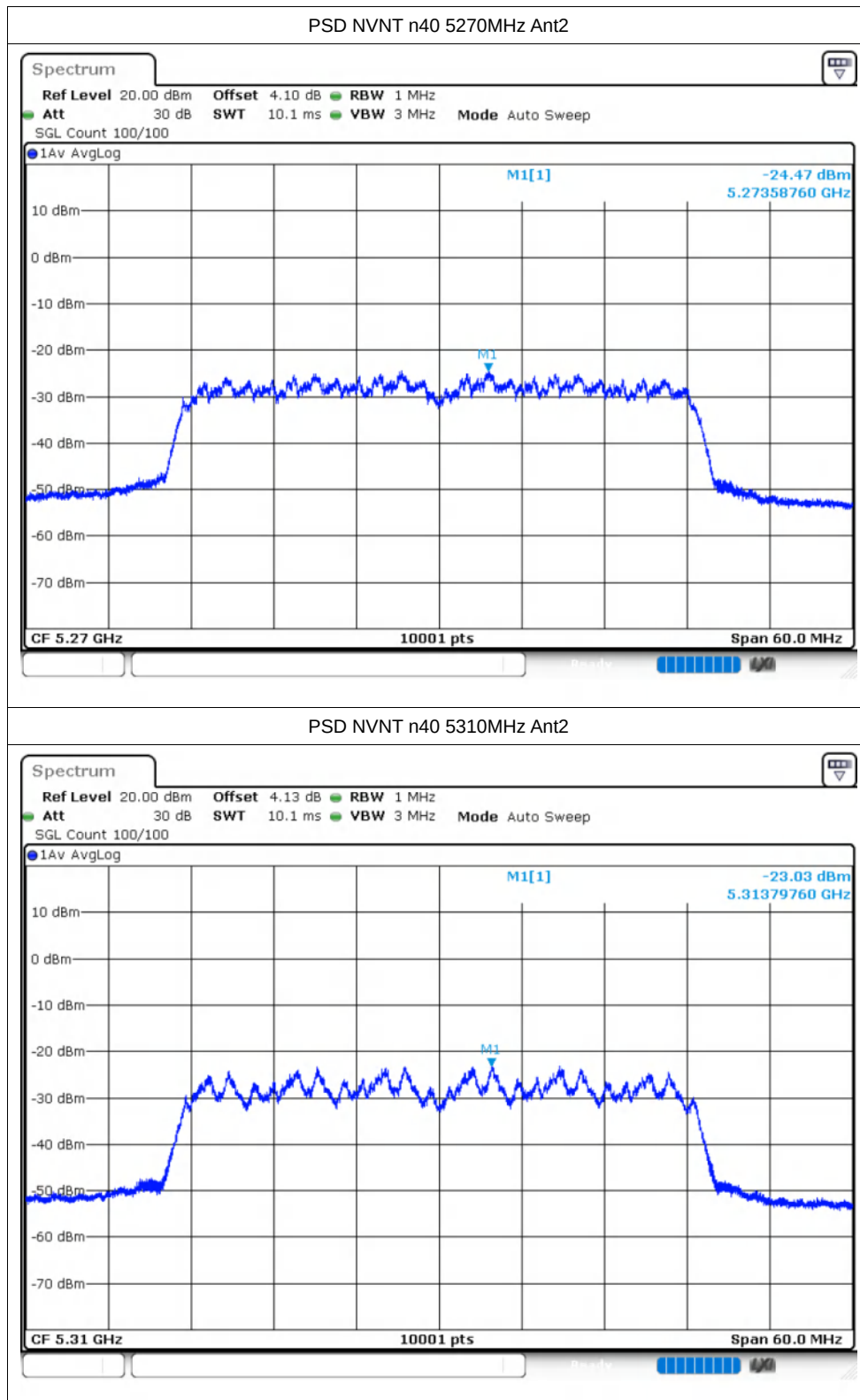


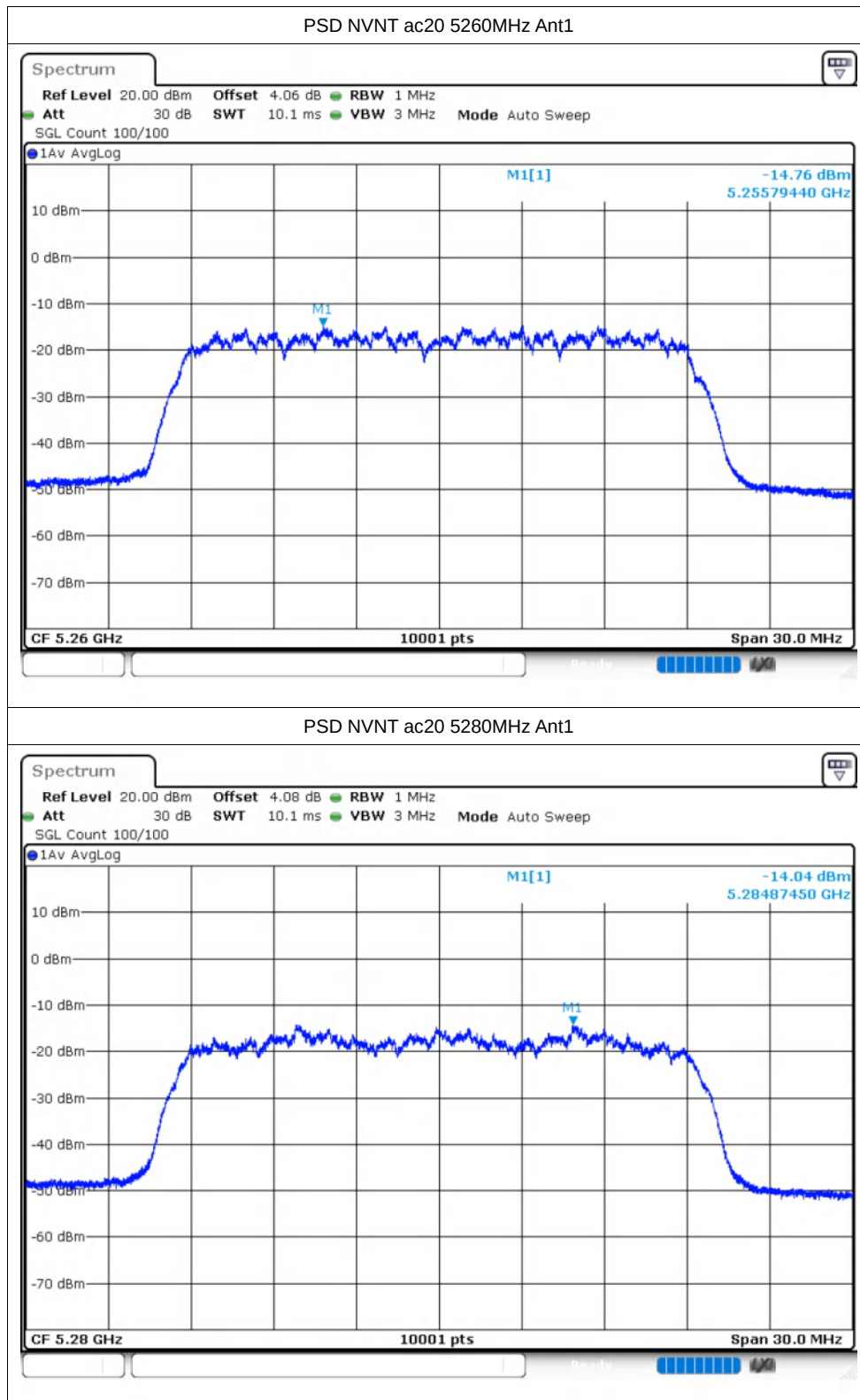


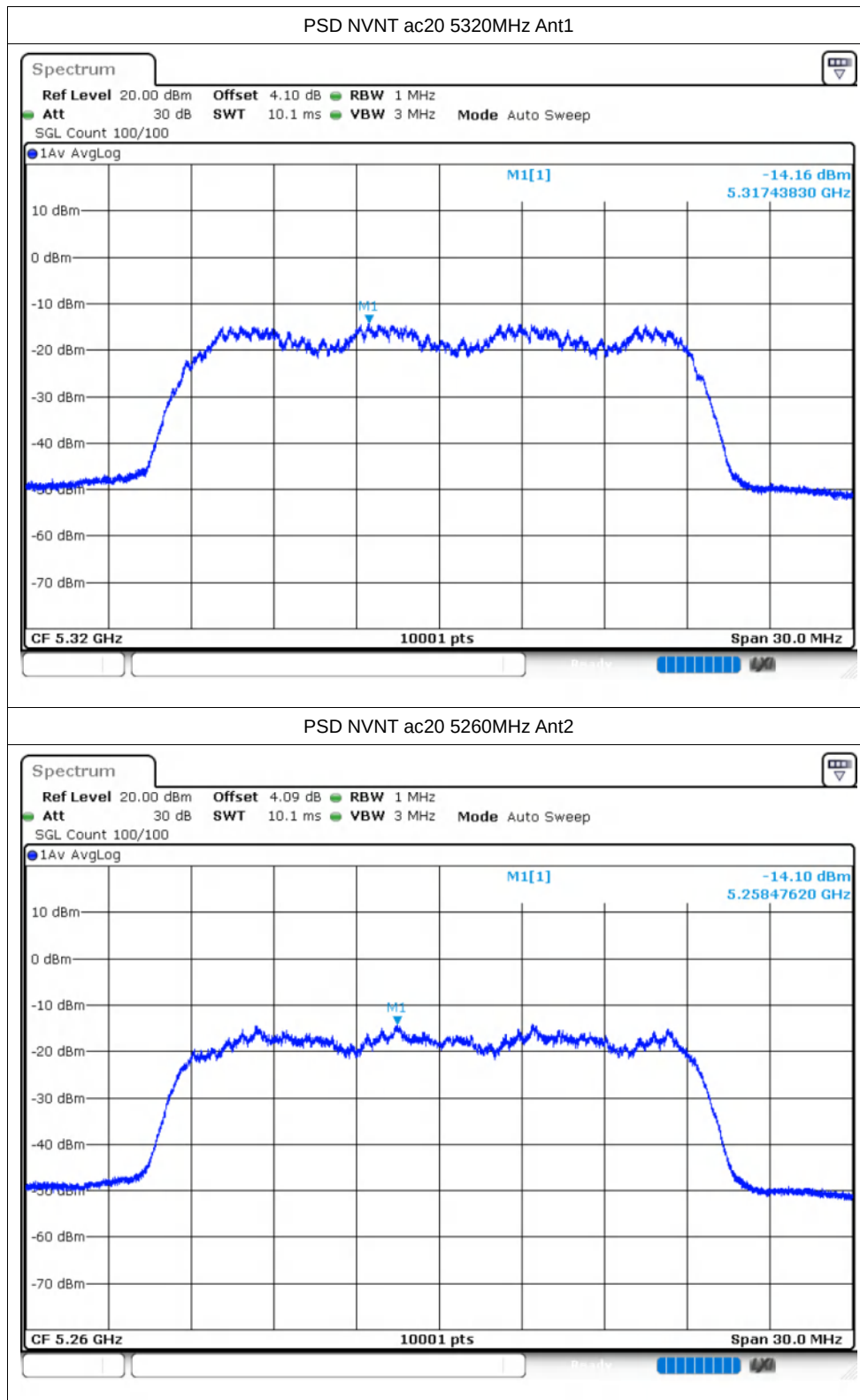


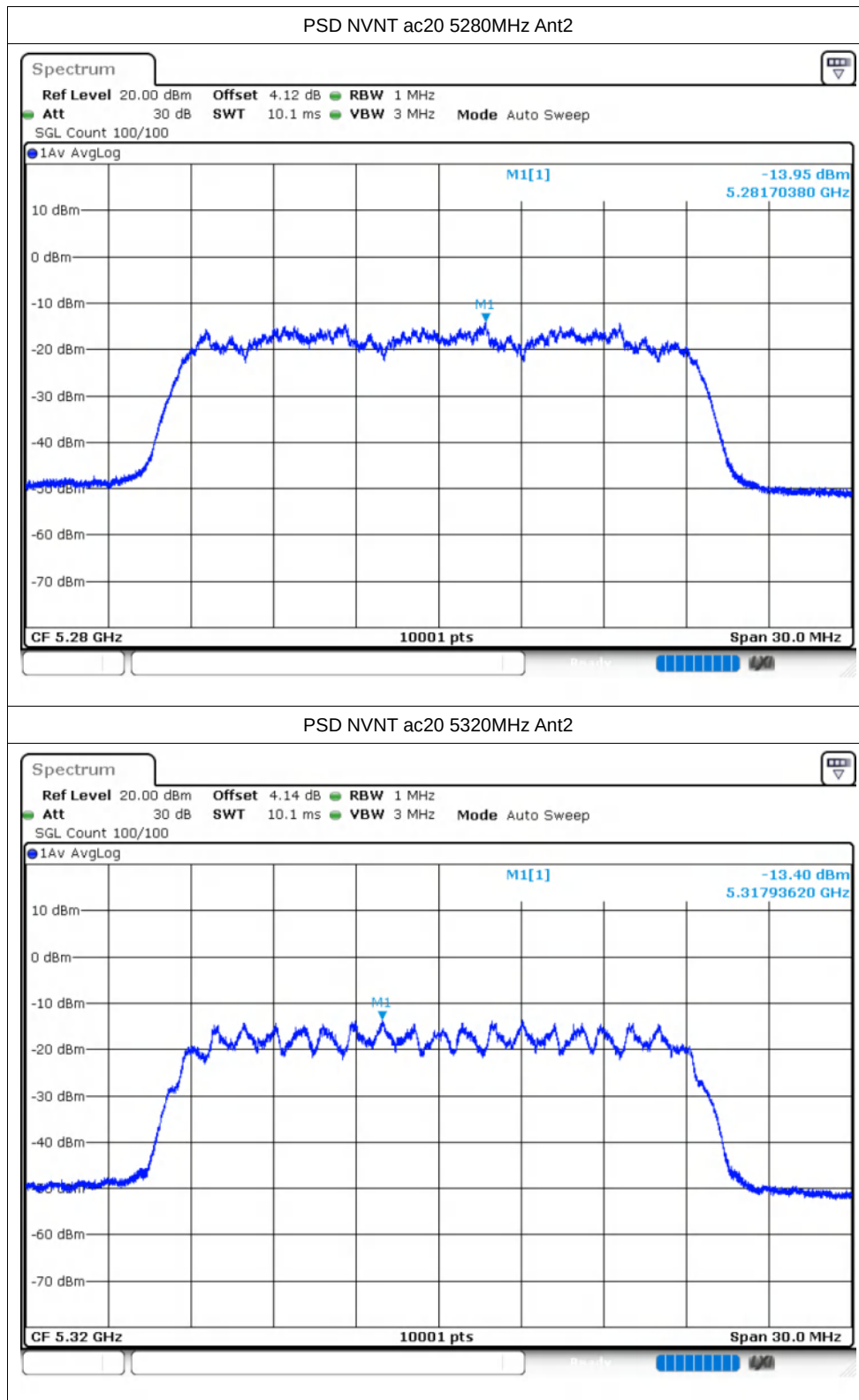


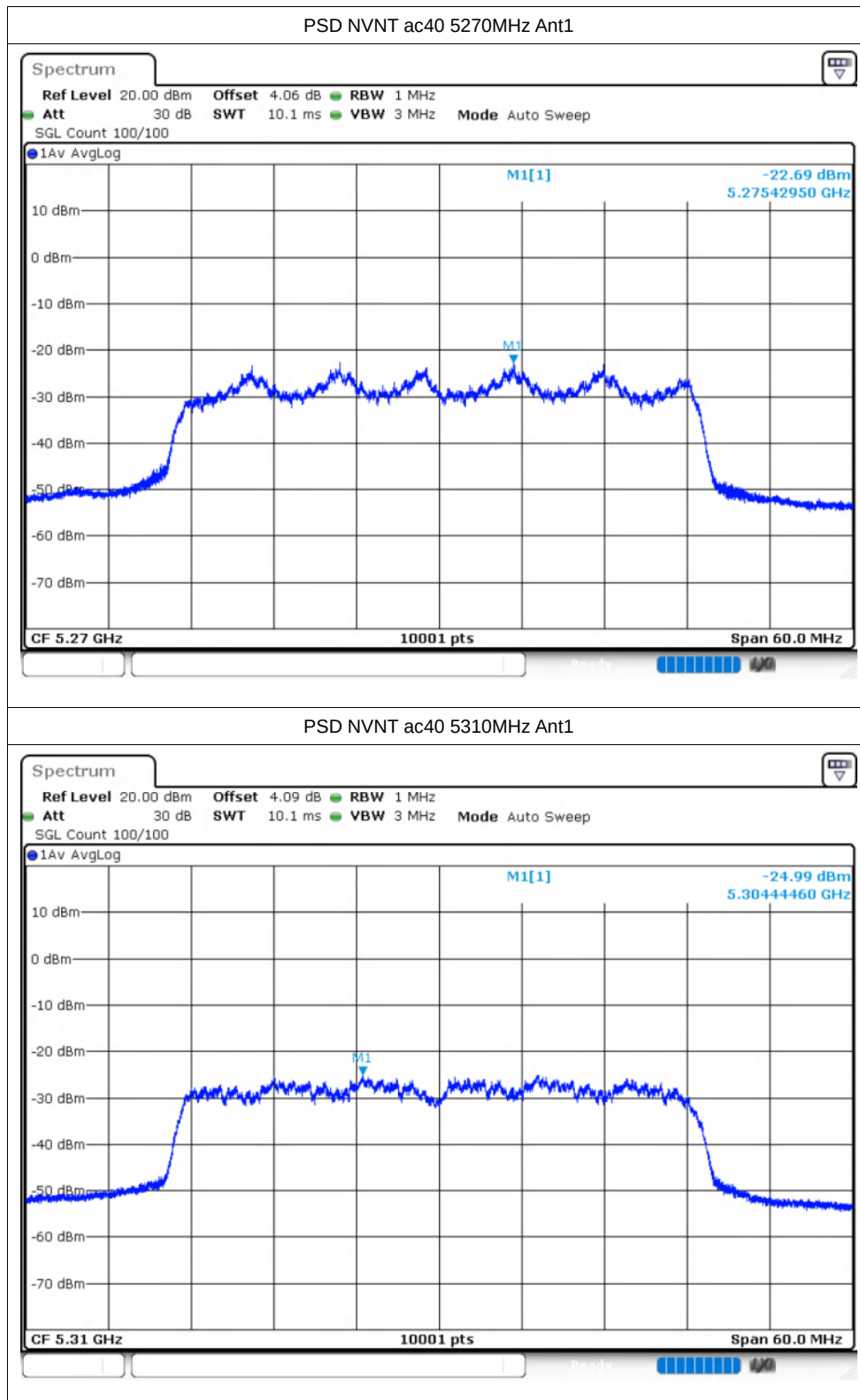


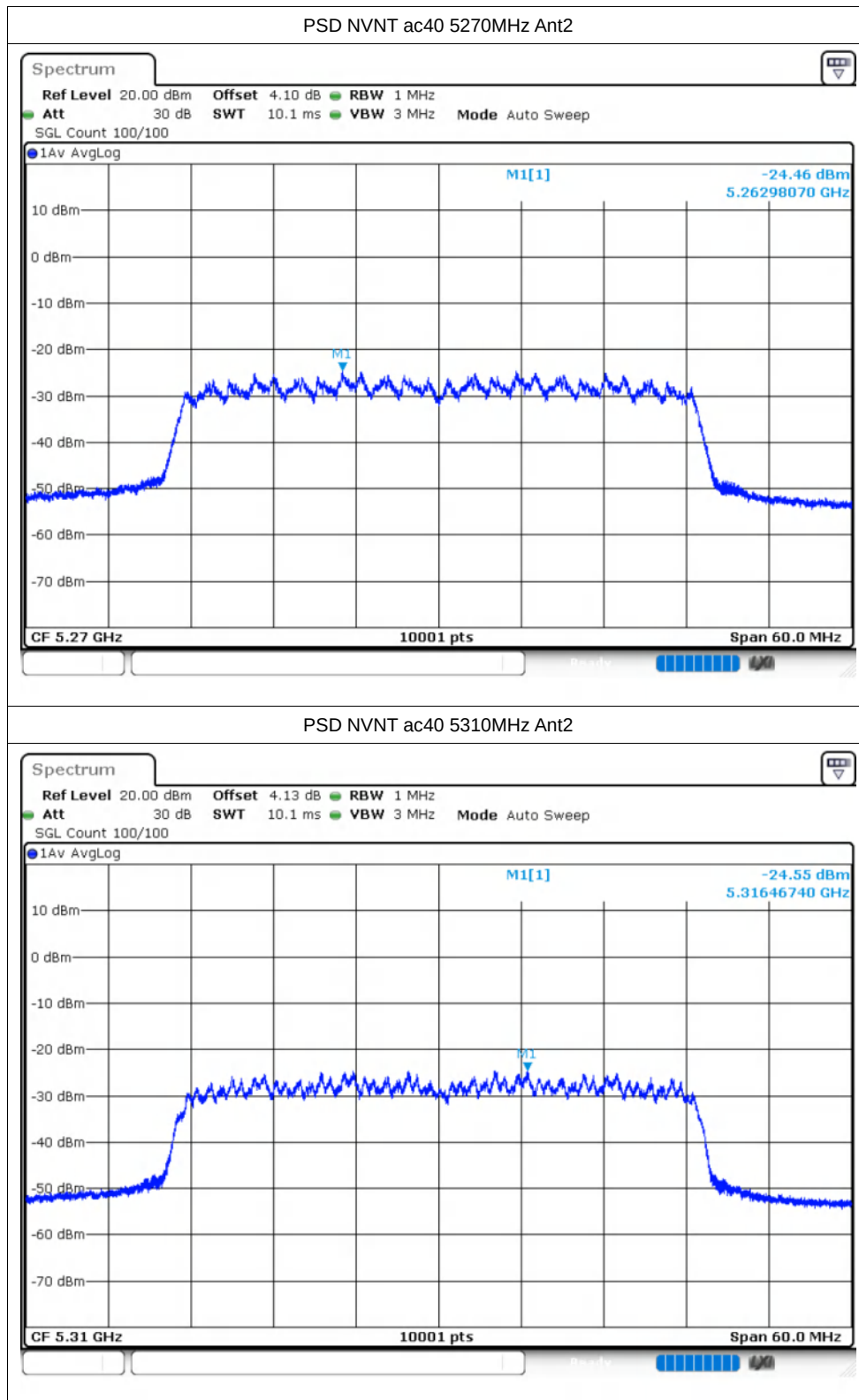


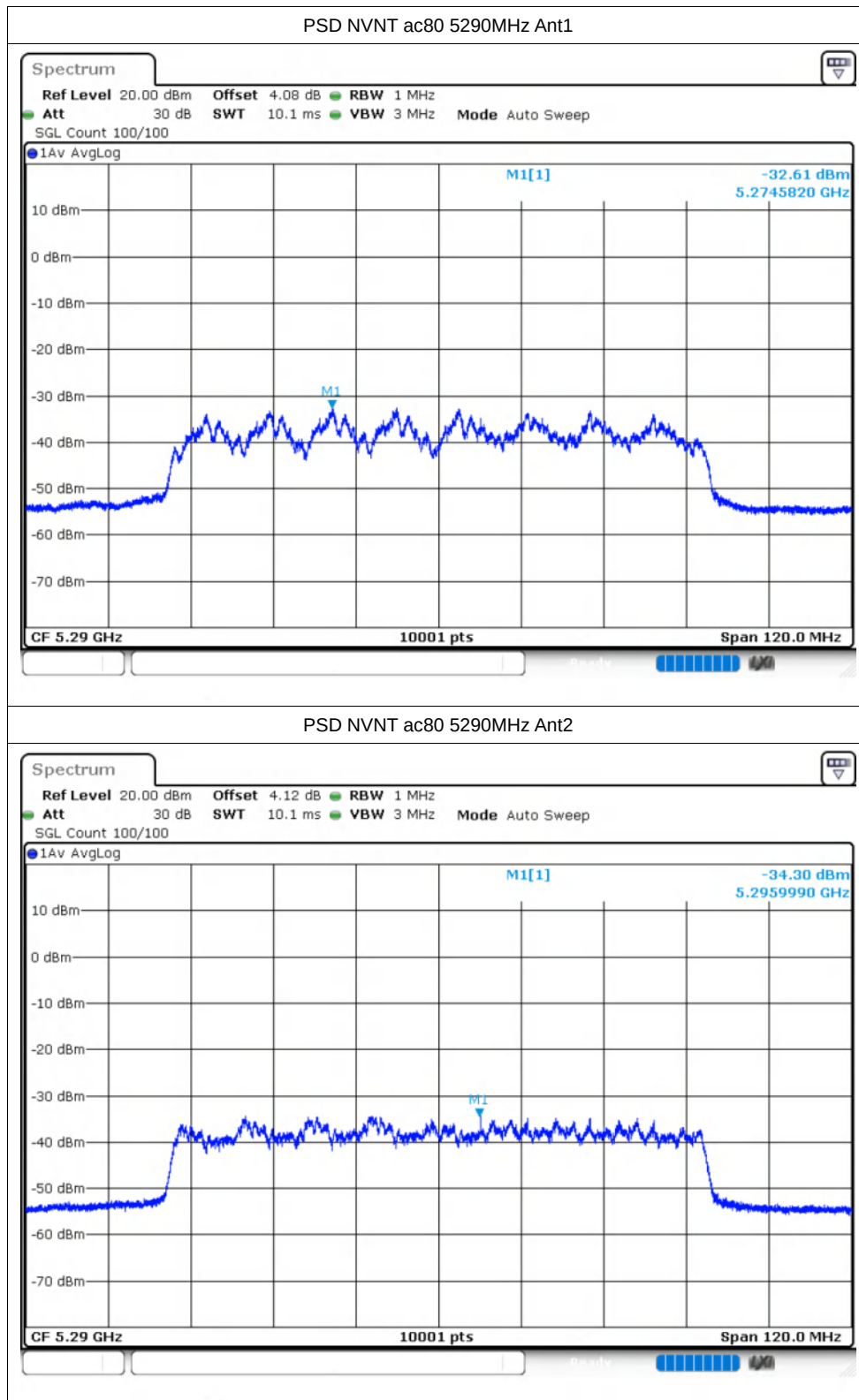










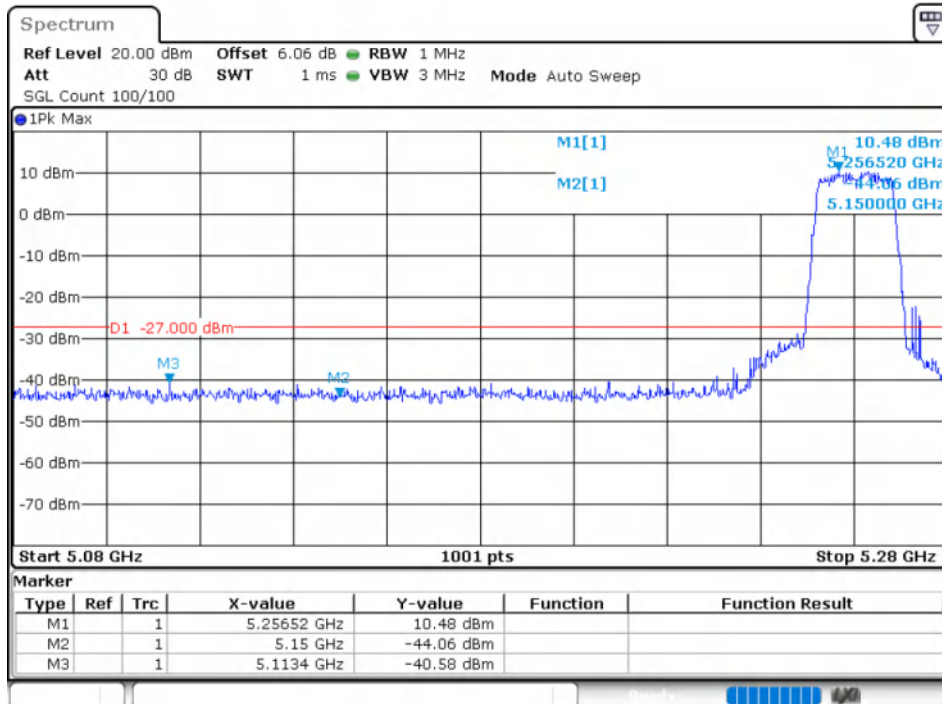


Band Edge

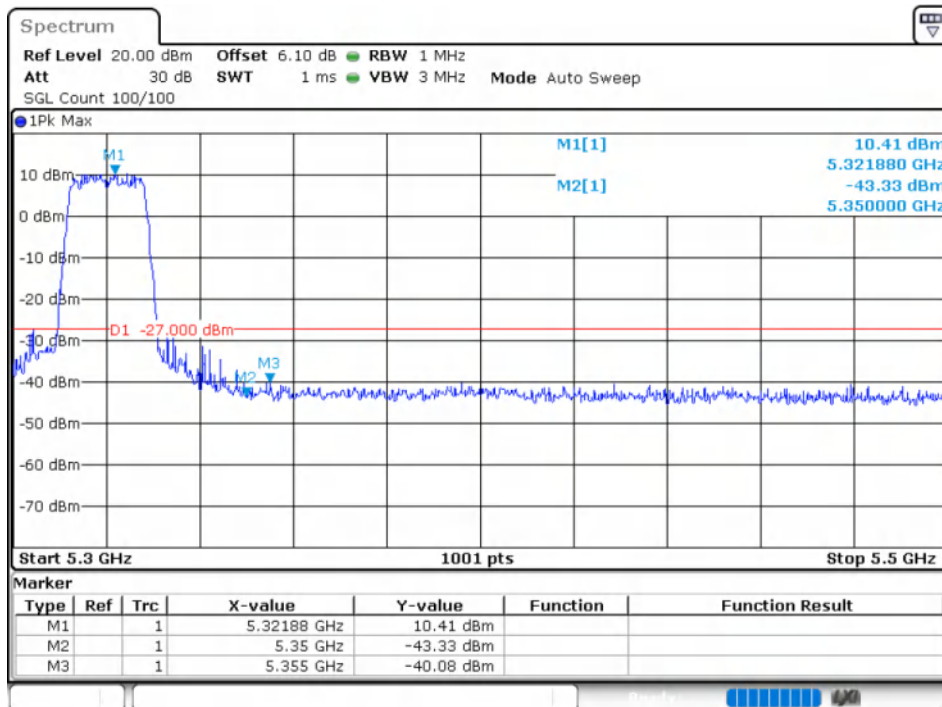
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-40.57	-27	Pass
NVNT	a	5320	Ant1	-40.07	-27	Pass
NVNT	a	5260	Ant2	-39.8	-27	Pass
NVNT	a	5320	Ant2	-38.7	-27	Pass
NVNT	n20	5260	Ant1	-41.3	-27	Pass
NVNT	n20	5320	Ant1	-39.58	-27	Pass
NVNT	n20	5260	Ant2	-39.67	-27	Pass
NVNT	n20	5320	Ant2	-39.04	-27	Pass
NVNT	n40	5270	Ant1	-40.8	-27	Pass
NVNT	n40	5310	Ant1	-32.33	-27	Pass
NVNT	n40	5270	Ant2	-40.08	-27	Pass
NVNT	n40	5310	Ant2	-33.86	-27	Pass
NVNT	ac20	5260	Ant1	-41.48	-27	Pass
NVNT	ac20	5320	Ant1	-40.31	-27	Pass
NVNT	ac20	5260	Ant2	-40.29	-27	Pass
NVNT	ac20	5320	Ant2	-39.06	-27	Pass
NVNT	ac40	5270	Ant1	-40.59	-27	Pass
NVNT	ac40	5310	Ant1	-35.01	-27	Pass
NVNT	ac40	5270	Ant2	-39.81	-27	Pass
NVNT	ac40	5310	Ant2	-33.74	-27	Pass
NVNT	ac80	5290	Ant1	-42.52	-27	Pass
NVNT	ac80	5290	Ant1	-38.03	-27	Pass
NVNT	ac80	5290	Ant2	-36.09	-27	Pass
NVNT	ac80	5290	Ant2	-41.81	-27	Pass

Test Graphs

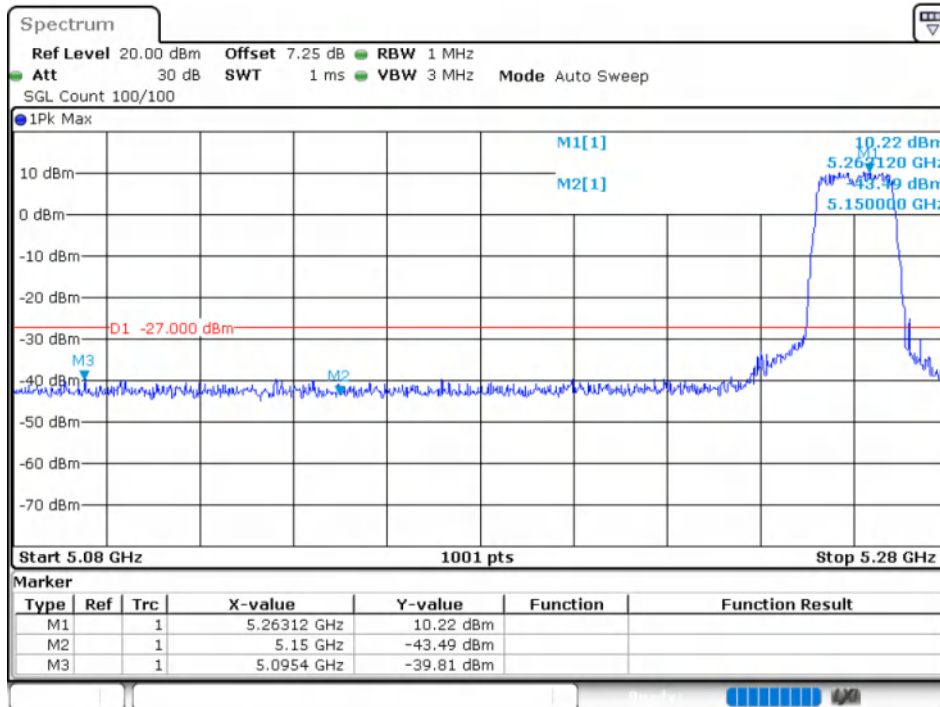
Band Edge NVNT a 5260MHz Low Ant1



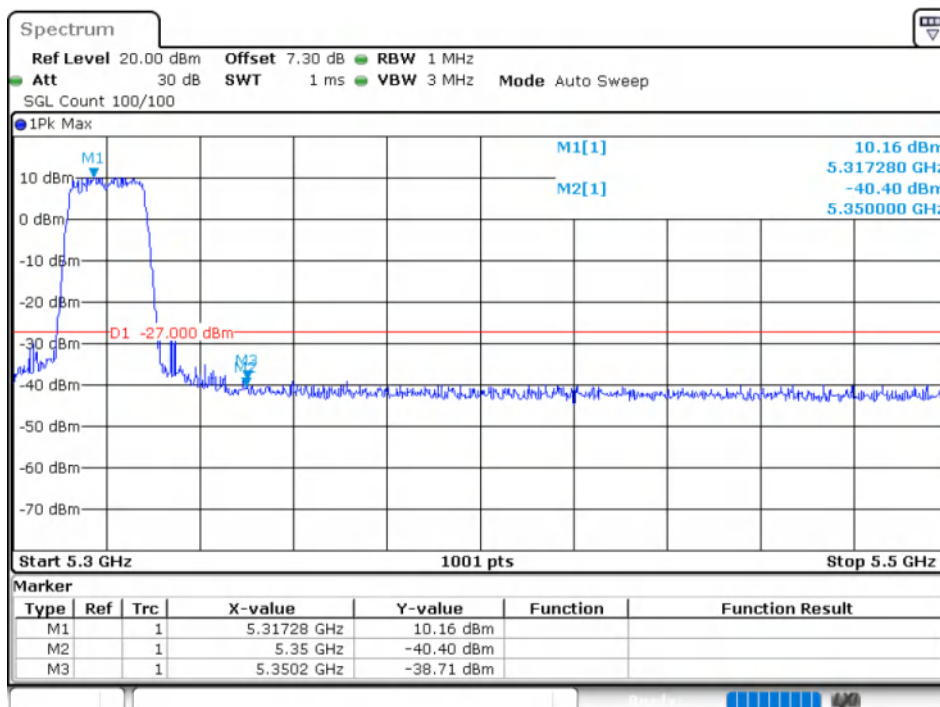
Band Edge NVNT a 5320MHz High Ant1



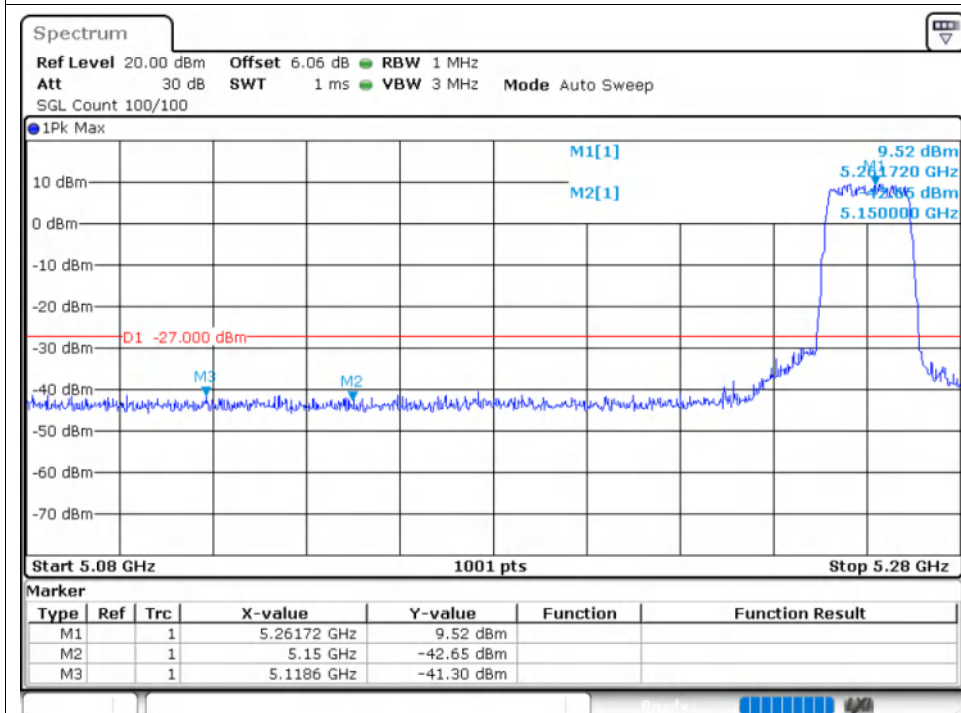
Band Edge NVNT a 5260MHz Low Ant2



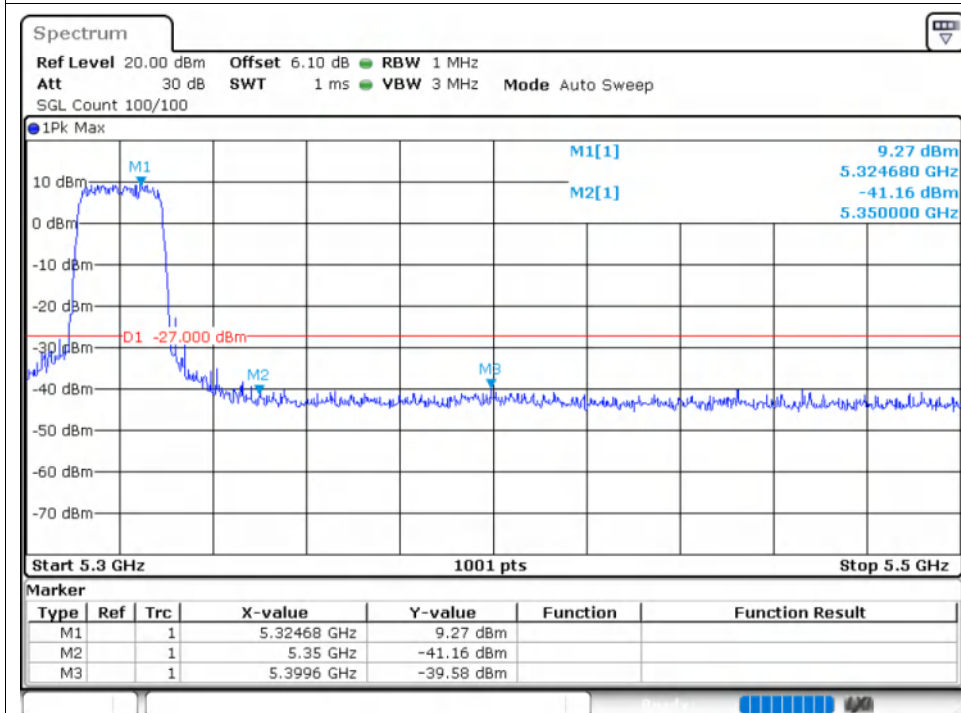
Band Edge NVNT a 5320MHz High Ant2



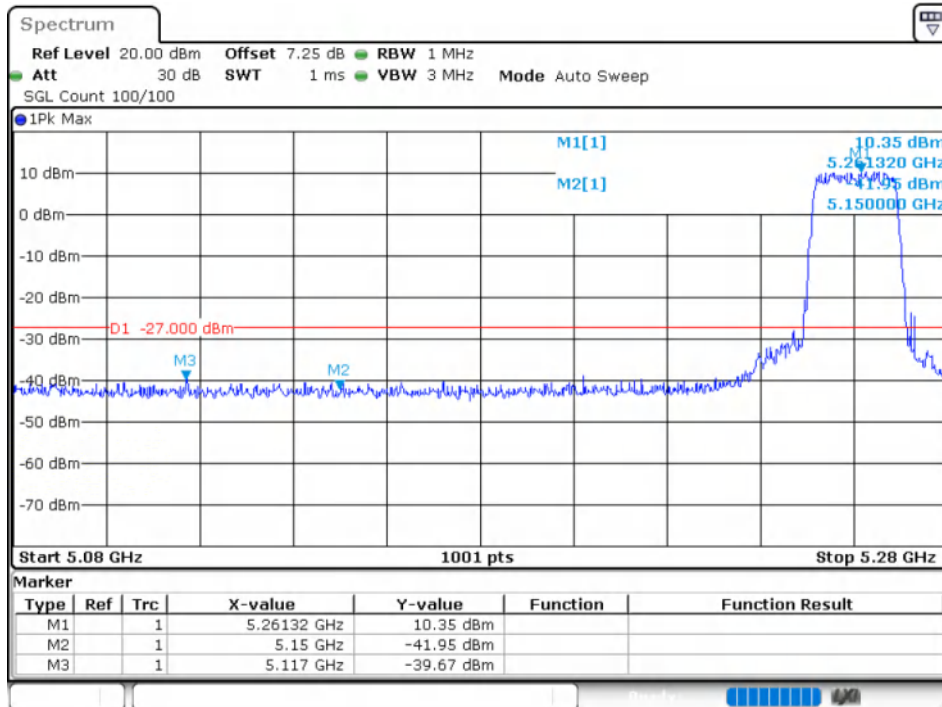
Band Edge NVNT n20 5260MHz Low Ant1



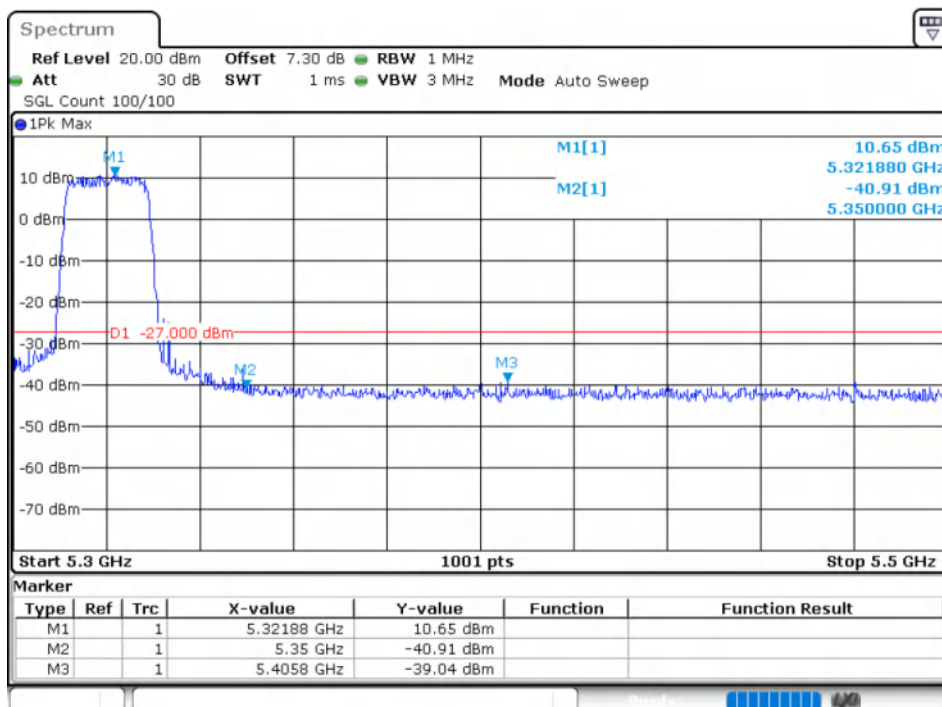
Band Edge NVNT n20 5320MHz High Ant1



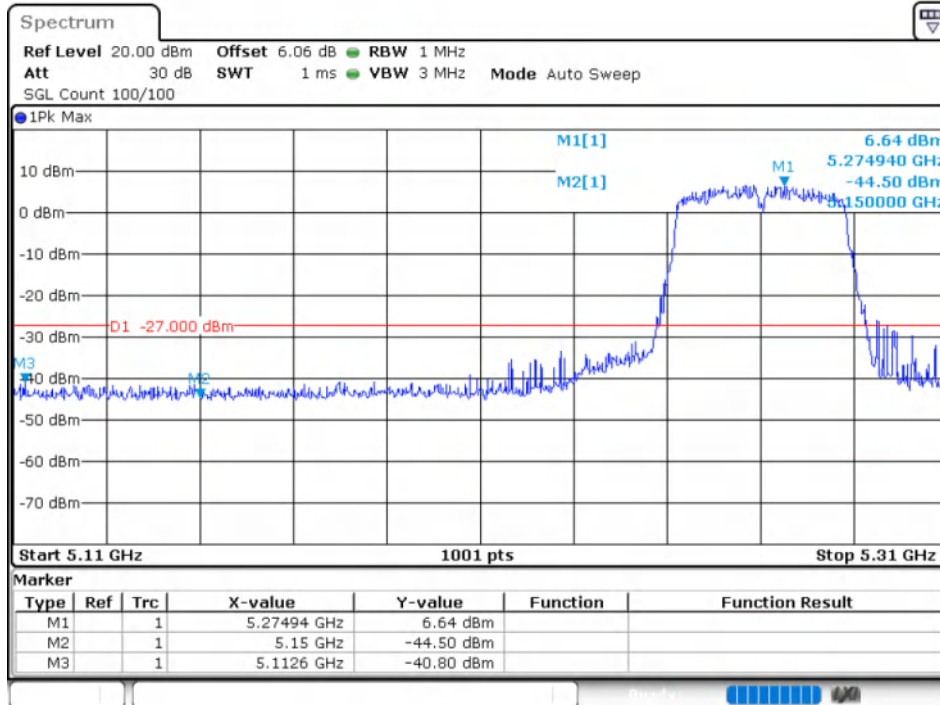
Band Edge NVNT n20 5260MHz Low Ant2



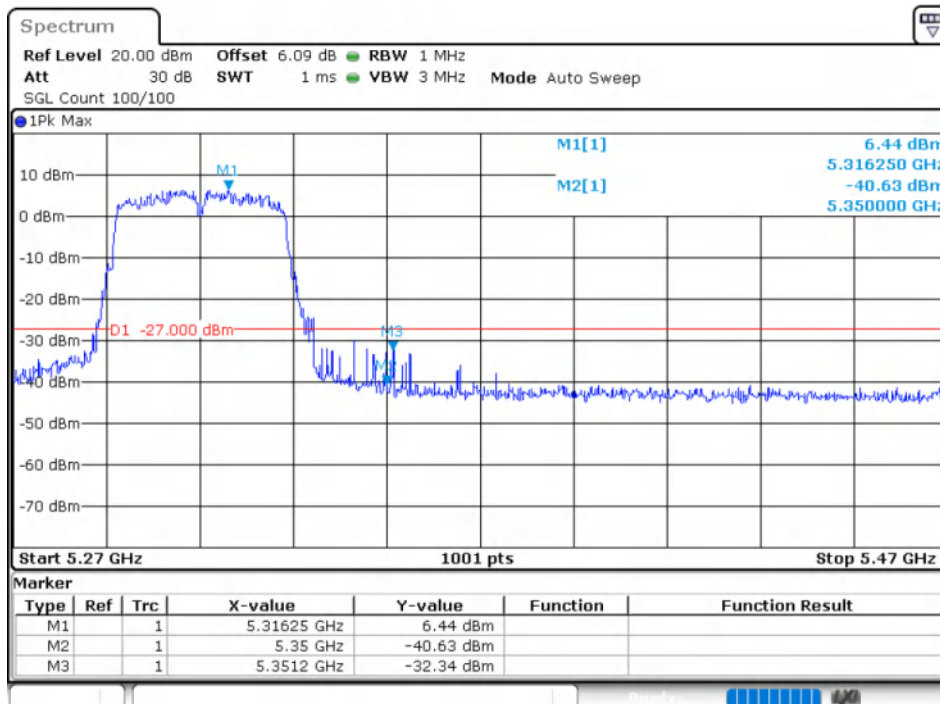
Band Edge NVNT n20 5320MHz High Ant2



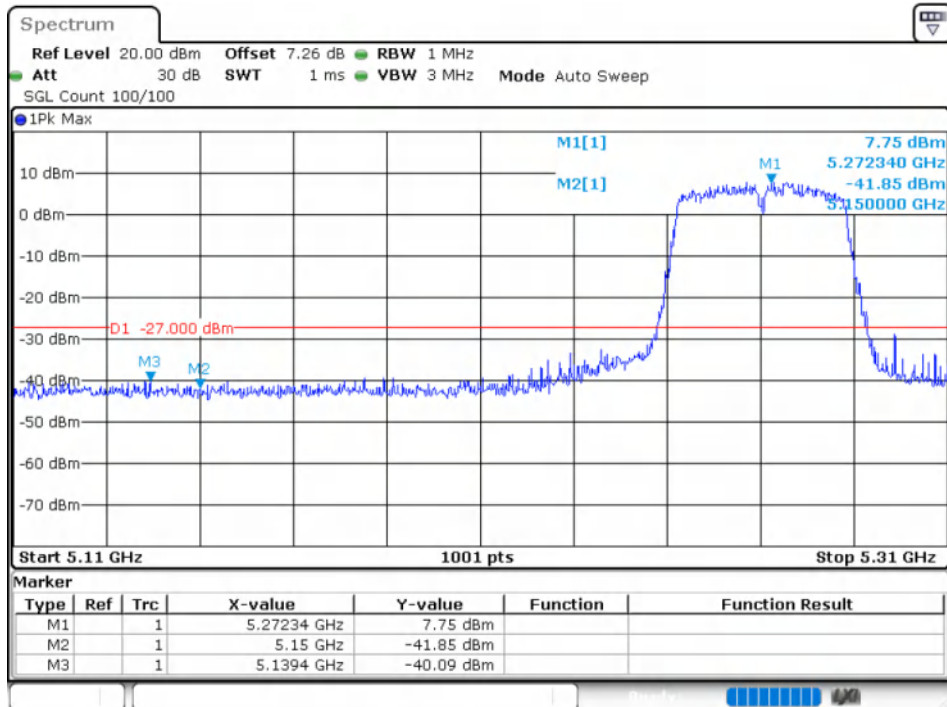
Band Edge NVNT n40 5270MHz Low Ant1



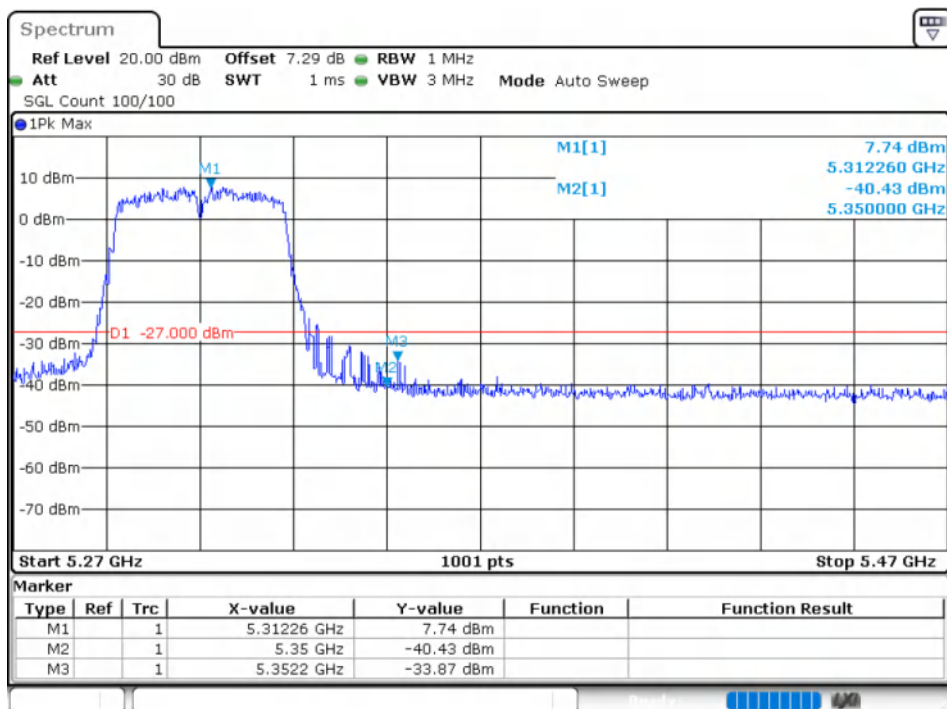
Band Edge NVNT n40 5310MHz High Ant1



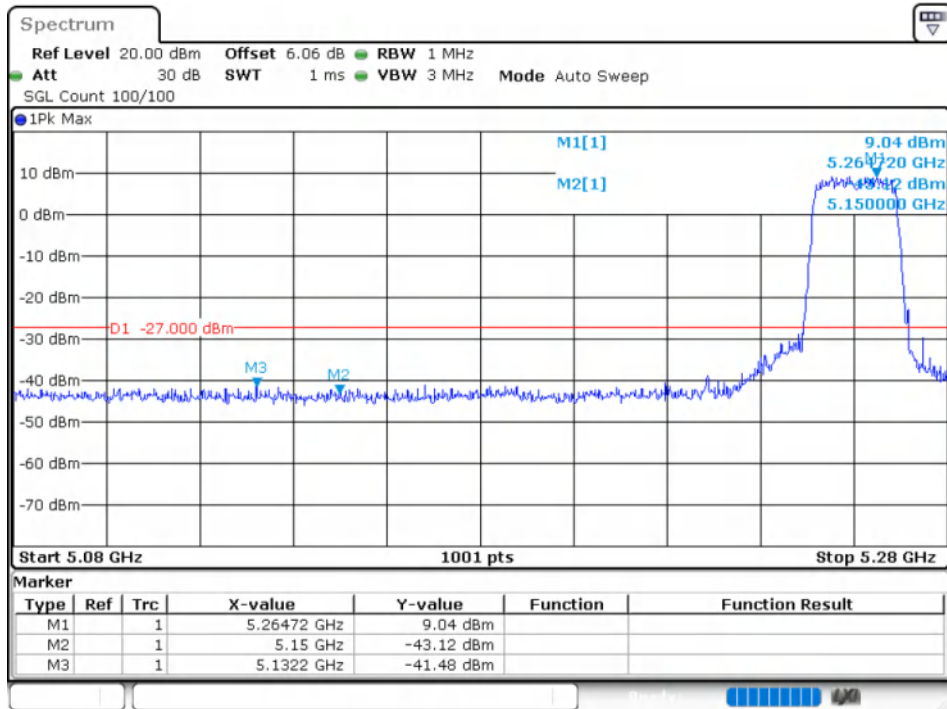
Band Edge NVNT n40 5270MHz Low Ant2



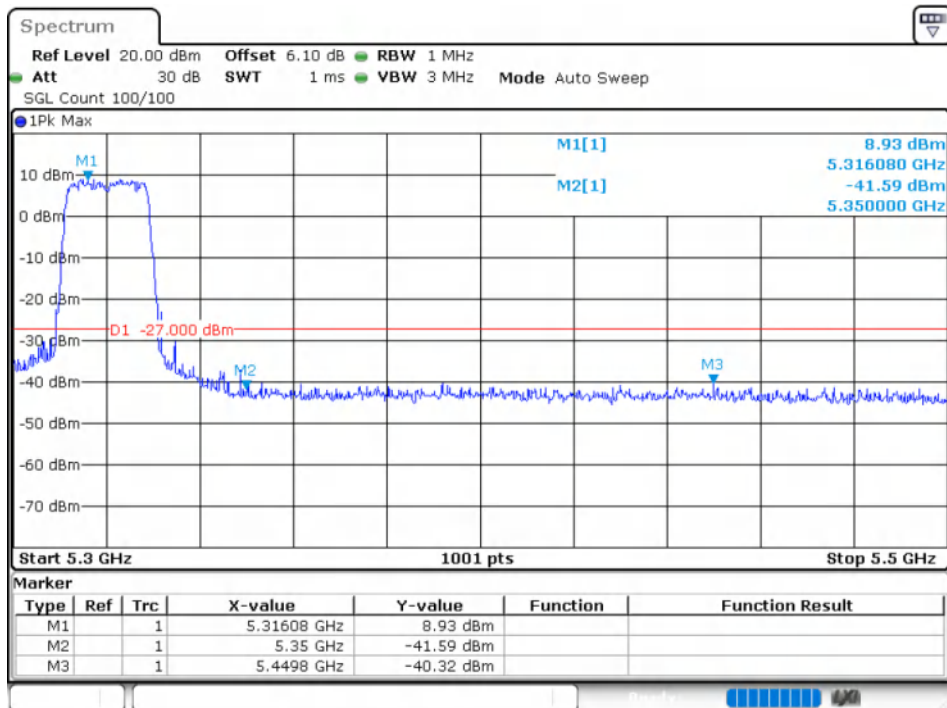
Band Edge NVNT n40 5310MHz High Ant2



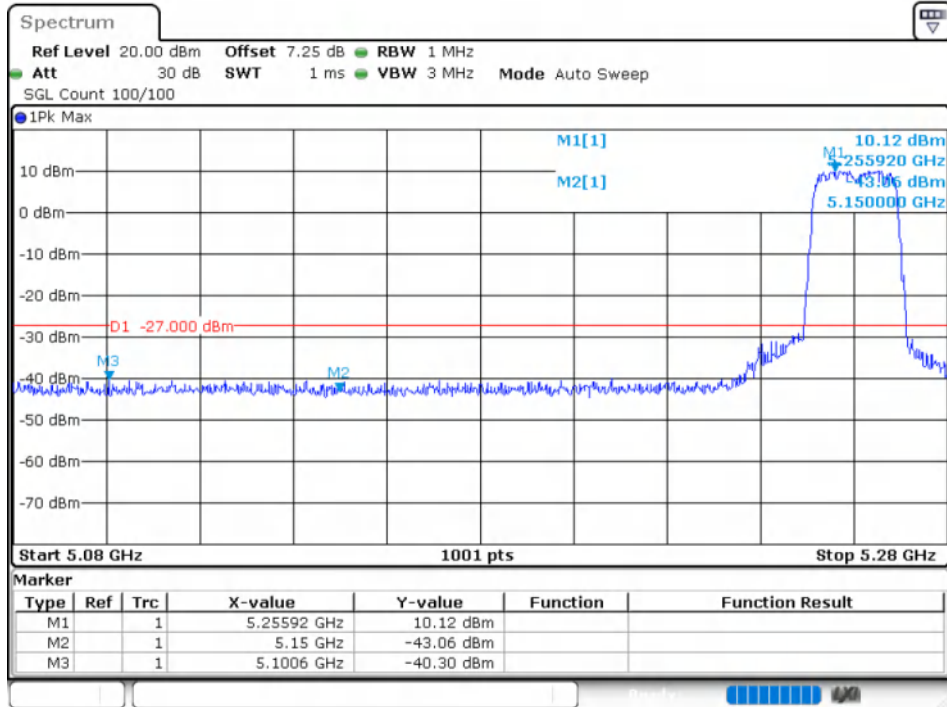
Band Edge NVNT ac20 5260MHz Low Ant1



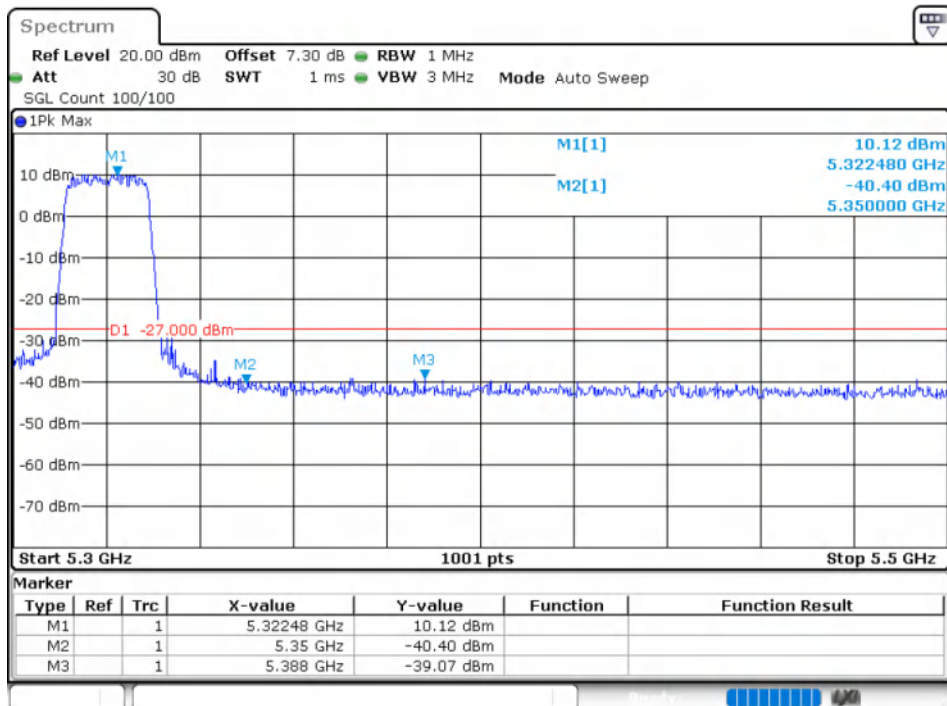
Band Edge NVNT ac20 5320MHz High Ant1



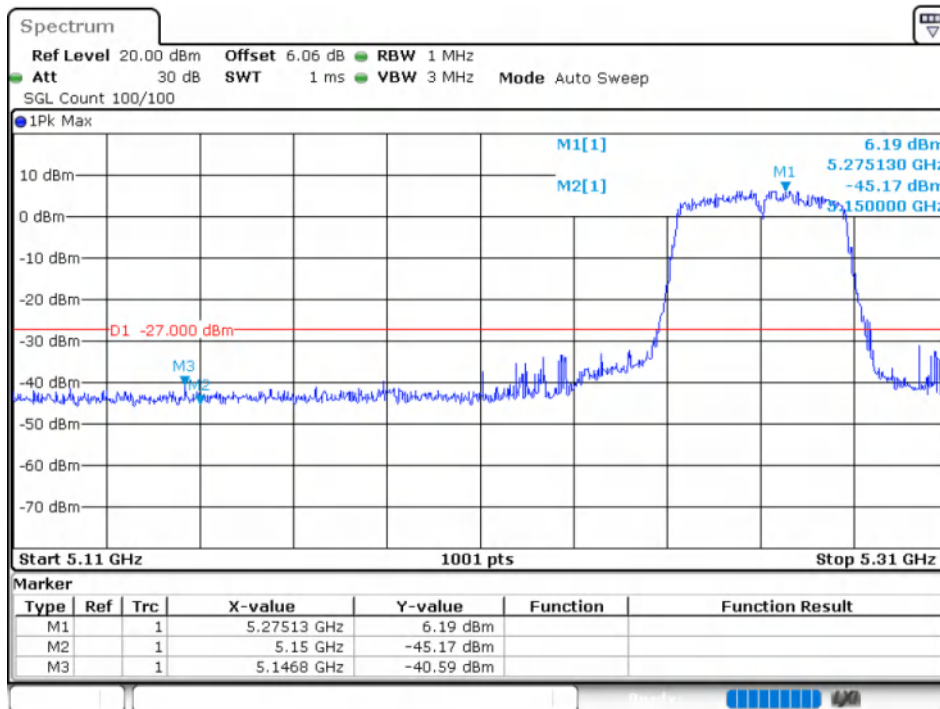
Band Edge NVNT ac20 5260MHz Low Ant2



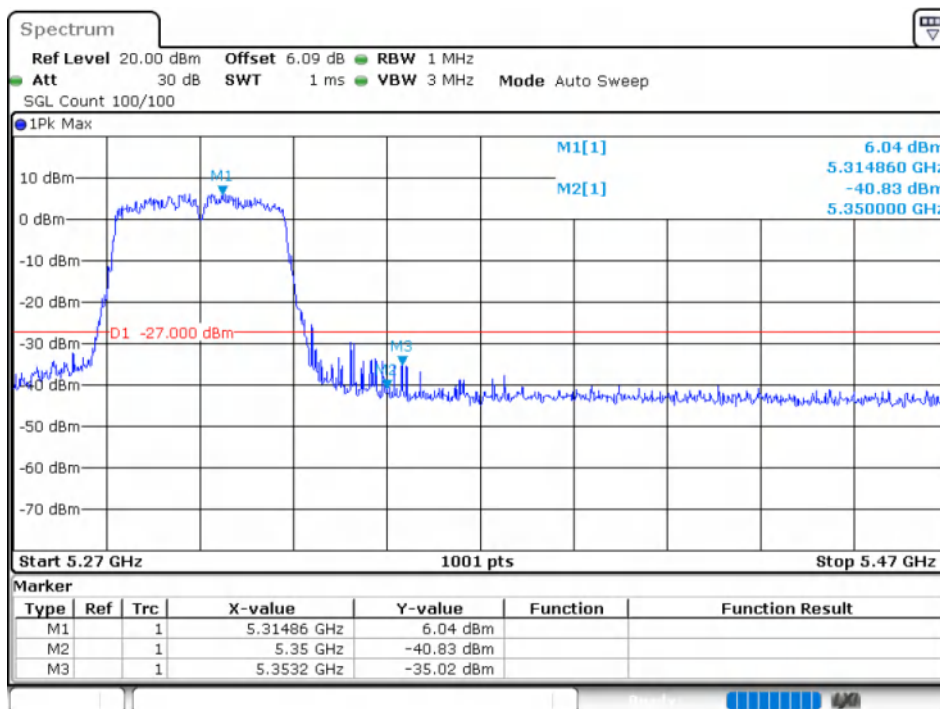
Band Edge NVNT ac20 5320MHz High Ant2



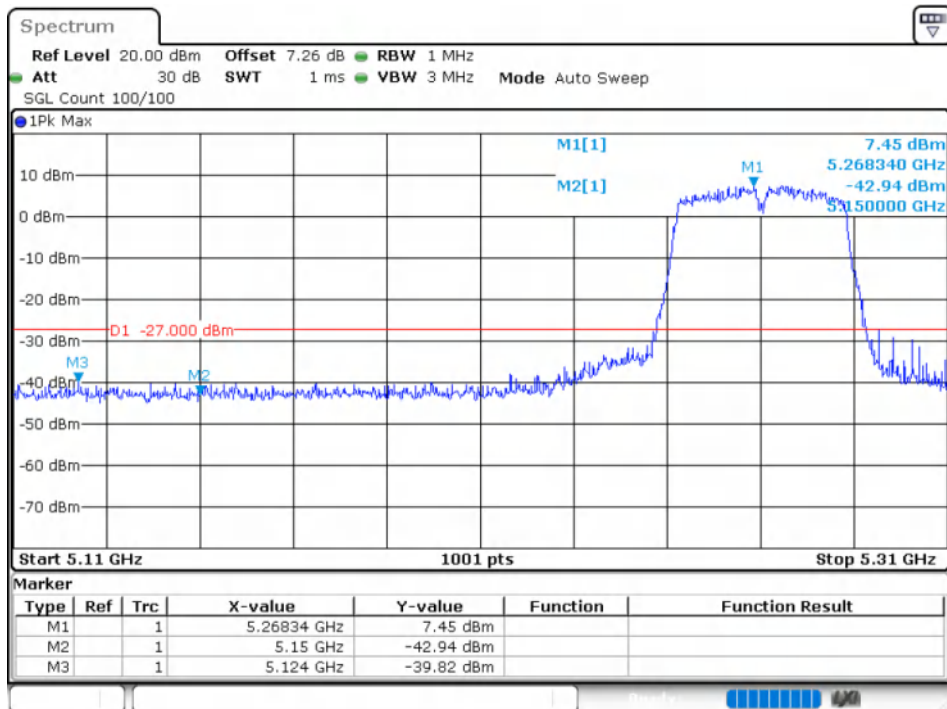
Band Edge NVNT ac40 5270MHz Low Ant1



Band Edge NVNT ac40 5310MHz High Ant1



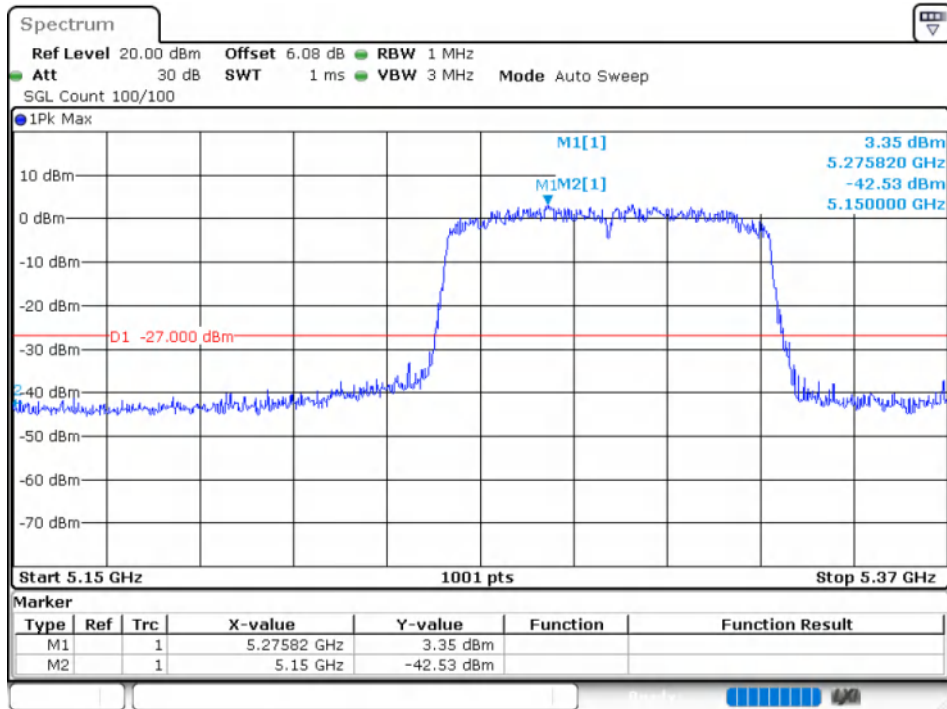
Band Edge NVNT ac40 5270MHz Low Ant2



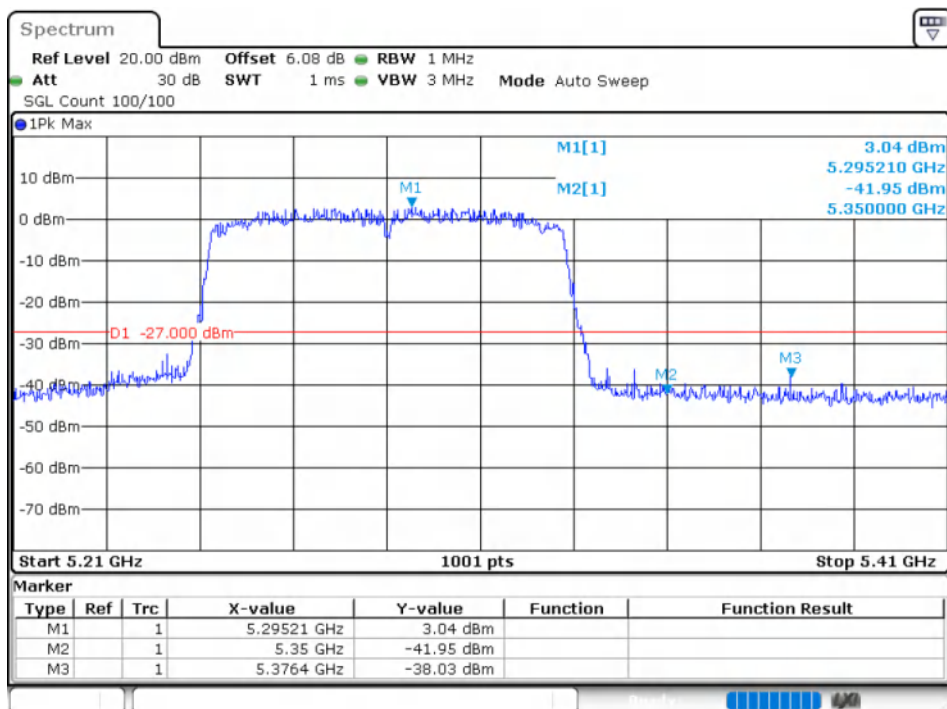
Band Edge NVNT ac40 5310MHz High Ant2



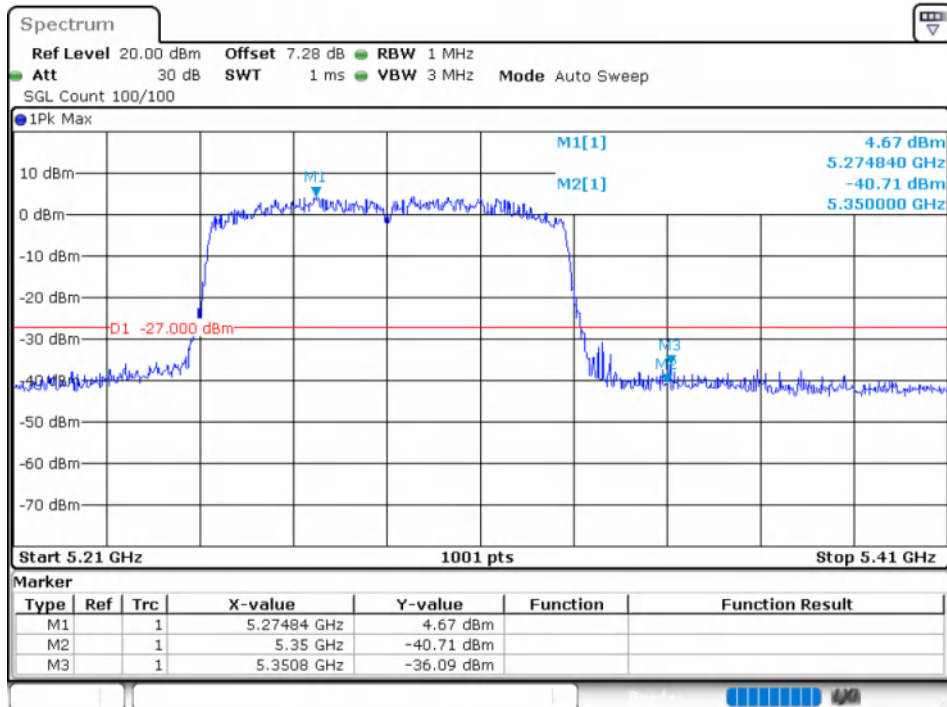
Band Edge NVNT ac80 5290MHz Low Ant1



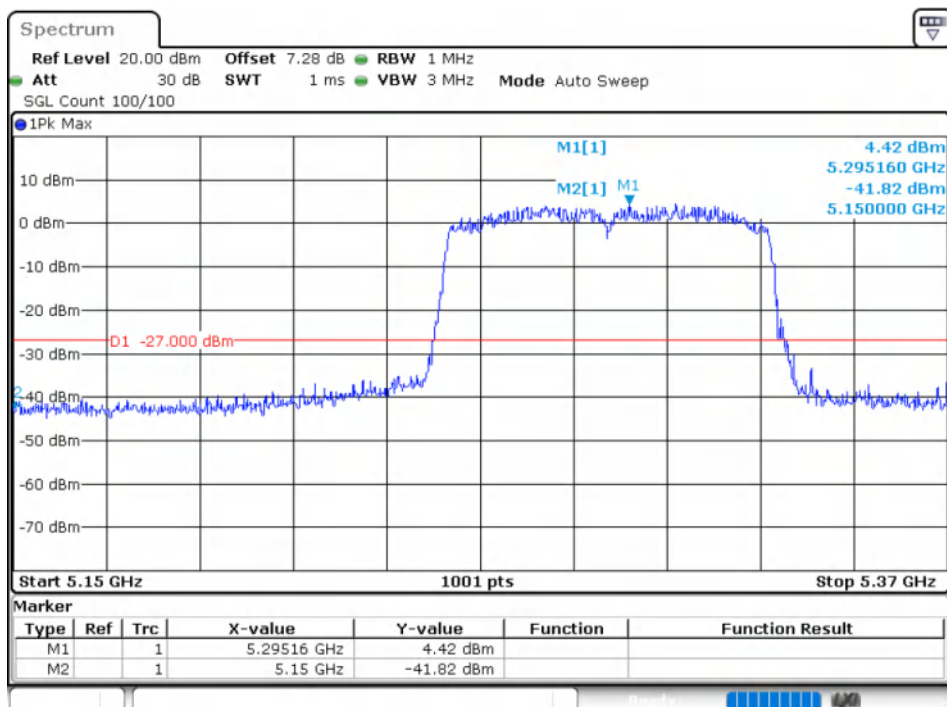
Band Edge NVNT ac80 5290MHz High Ant1



Band Edge NVNT ac80 5290MHz High Ant2



Band Edge NVNT ac80 5290MHz Low Ant2

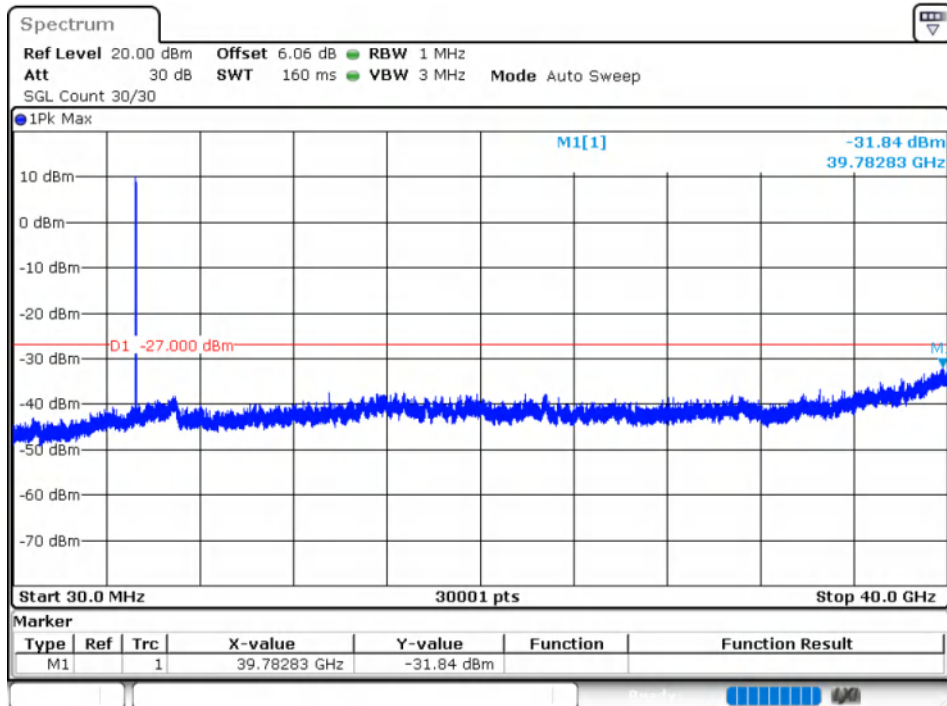


Conducted RF Spurious Emission

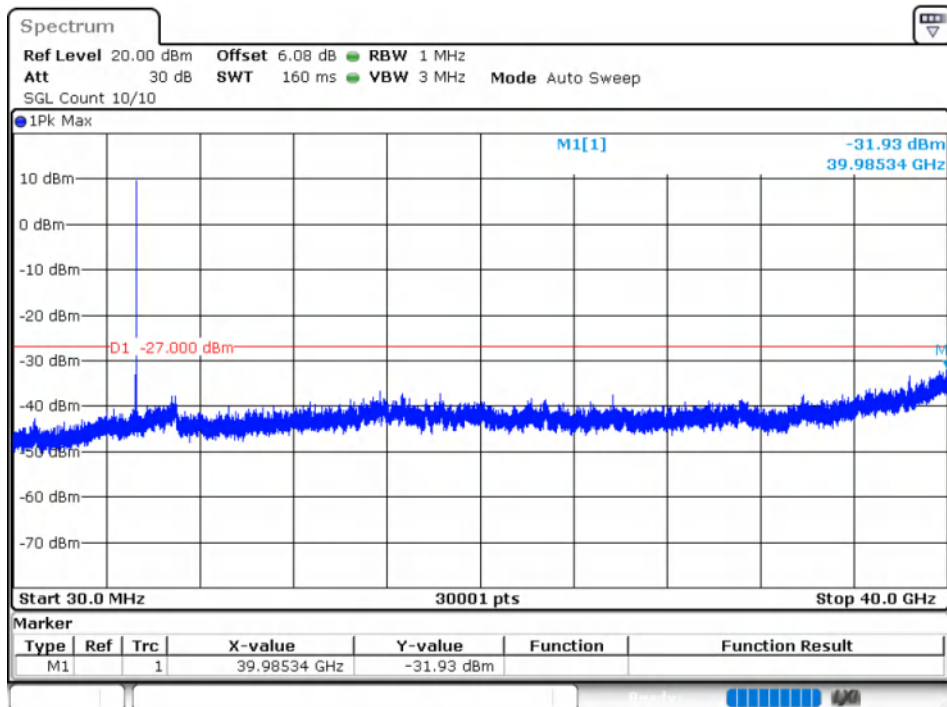
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-31.84	-27	Pass
NVNT	a	5280	Ant1	-31.92	-27	Pass
NVNT	a	5320	Ant1	-30.74	-27	Pass
NVNT	a	5260	Ant2	-30.83	-27	Pass
NVNT	a	5280	Ant2	-30.02	-27	Pass
NVNT	a	5320	Ant2	-31.21	-27	Pass
NVNT	n20	5260	Ant1	-32.09	-27	Pass
NVNT	n20	5280	Ant1	-32.75	-27	Pass
NVNT	n20	5320	Ant1	-32.45	-27	Pass
NVNT	n20	5260	Ant2	-31.17	-27	Pass
NVNT	n20	5280	Ant2	-30.71	-27	Pass
NVNT	n20	5320	Ant2	-31.06	-27	Pass
NVNT	n40	5270	Ant1	-31.82	-27	Pass
NVNT	n40	5310	Ant1	-32.02	-27	Pass
NVNT	n40	5270	Ant2	-31.96	-27	Pass
NVNT	n40	5310	Ant2	-31.57	-27	Pass
NVNT	ac20	5260	Ant1	-32.43	-27	Pass
NVNT	ac20	5280	Ant1	-32.43	-27	Pass
NVNT	ac20	5320	Ant1	-32.22	-27	Pass
NVNT	ac20	5260	Ant2	-31.66	-27	Pass
NVNT	ac20	5280	Ant2	-31.04	-27	Pass
NVNT	ac20	5320	Ant2	-31.27	-27	Pass
NVNT	ac40	5270	Ant1	-32.86	-27	Pass
NVNT	ac40	5310	Ant1	-32.59	-27	Pass
NVNT	ac40	5270	Ant2	-31.36	-27	Pass
NVNT	ac40	5310	Ant2	-31.11	-27	Pass
NVNT	ac80	5290	Ant1	-32.19	-27	Pass
NVNT	ac80	5290	Ant2	-31.39	-27	Pass

Test Graphs

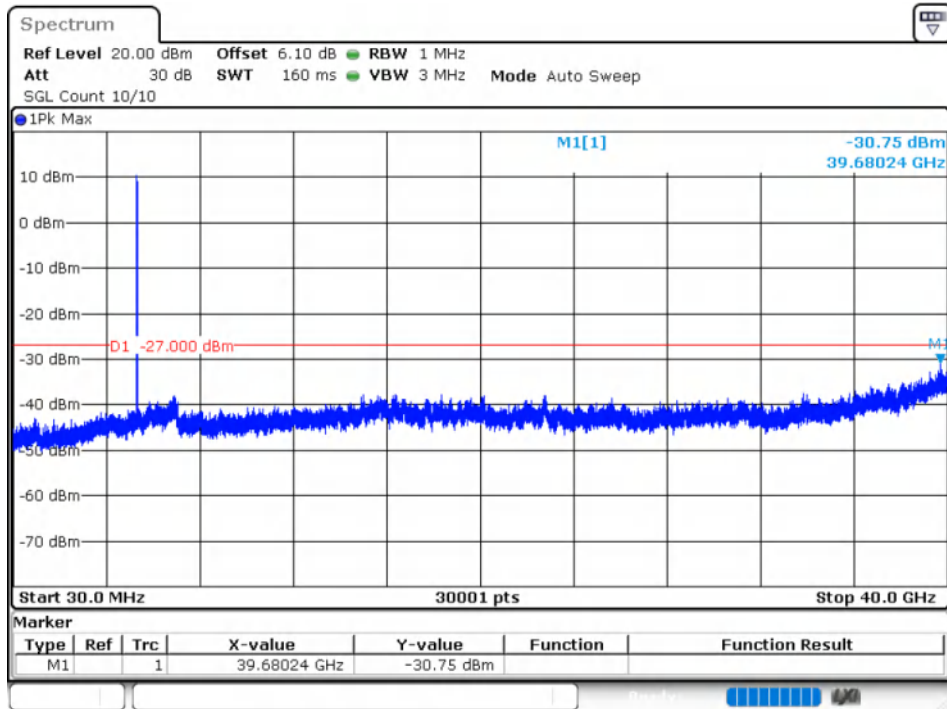
Tx. Spurious NVNT a 5260MHz Ant1 Emission



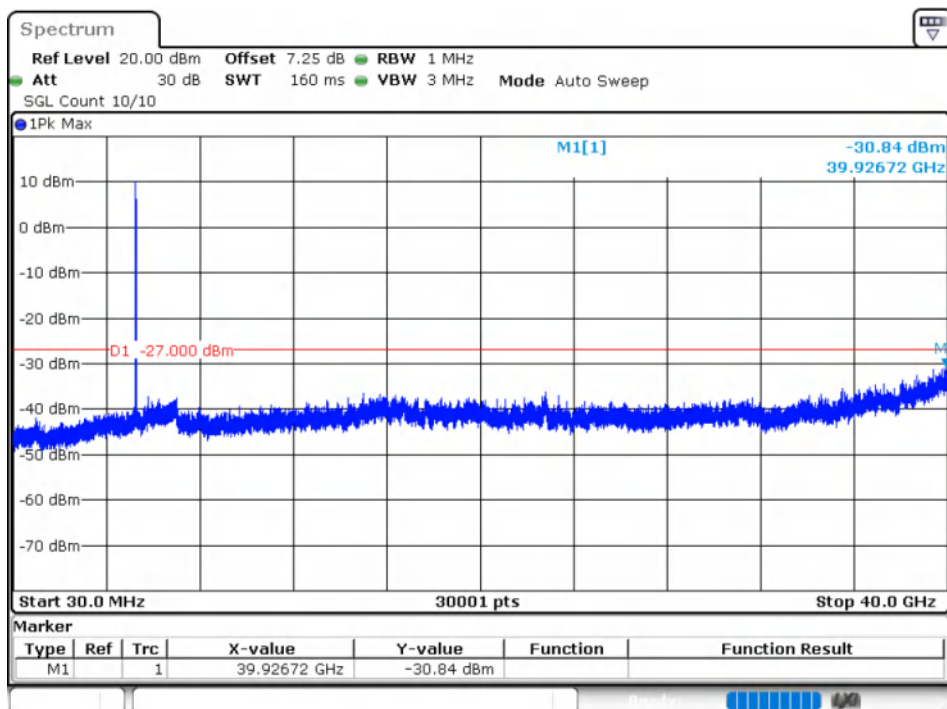
Tx. Spurious NVNT a 5280MHz Ant1 Emission



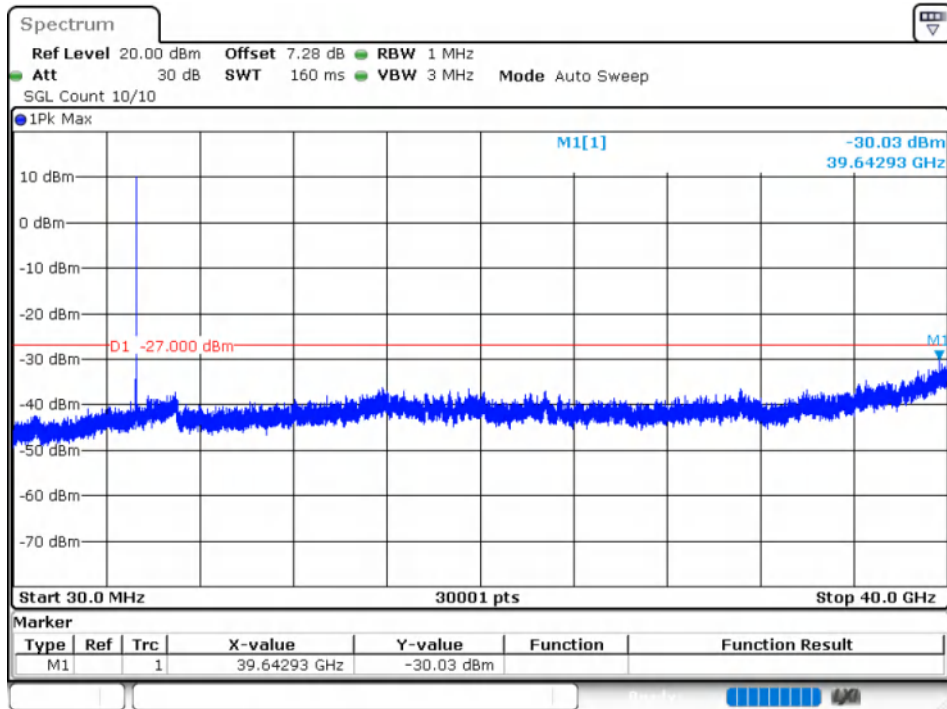
Tx. Spurious NVNT a 5320MHz Ant1 Emission



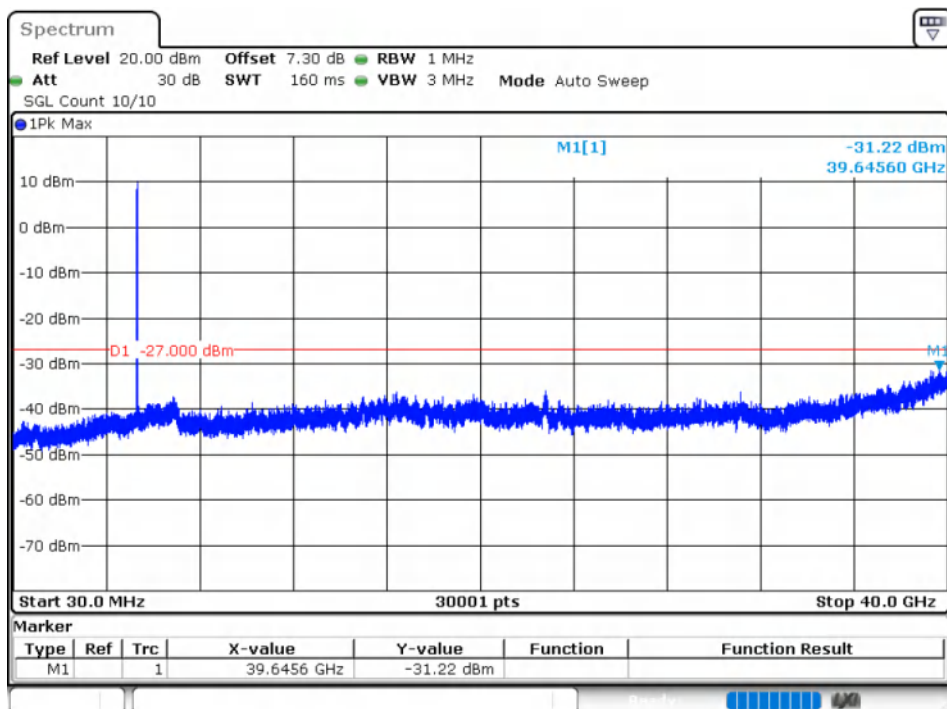
Tx. Spurious NVNT a 5260MHz Ant2 Emission



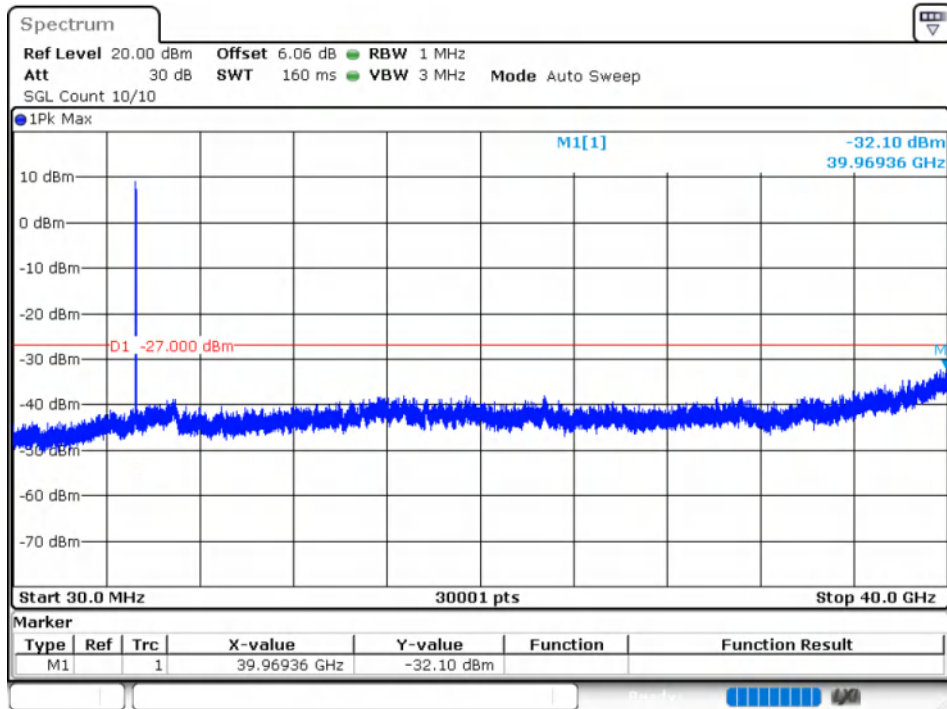
Tx. Spurious NVNT a 5280MHz Ant2 Emission



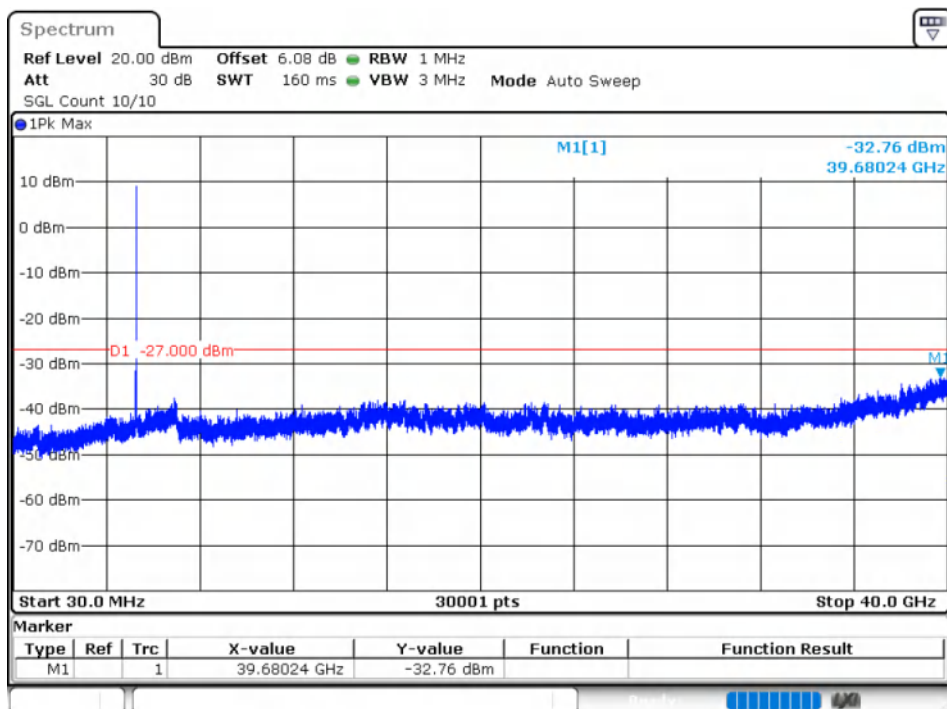
Tx. Spurious NVNT a 5320MHz Ant2 Emission



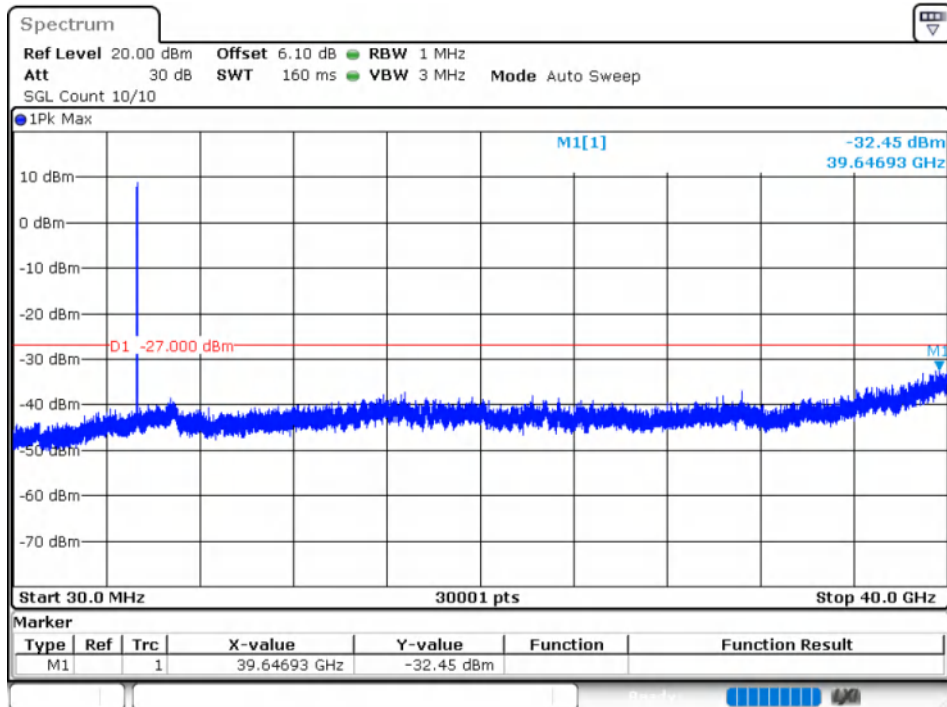
Tx. Spurious NVNT n20 5260MHz Ant1 Emission



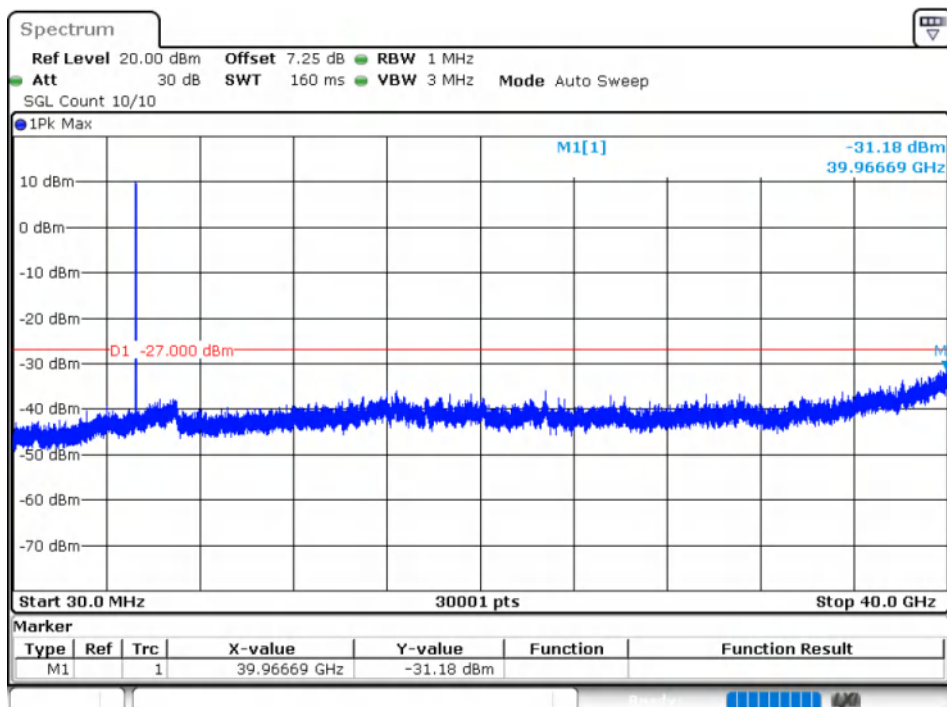
Tx. Spurious NVNT n20 5280MHz Ant1 Emission



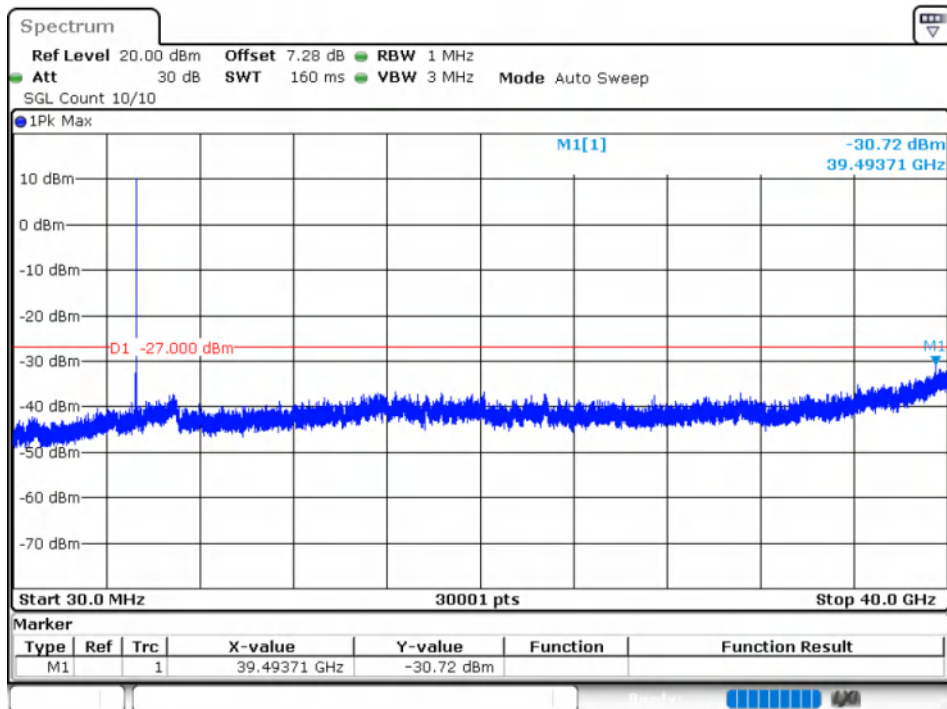
Tx. Spurious NVNT n20 5320MHz Ant1 Emission



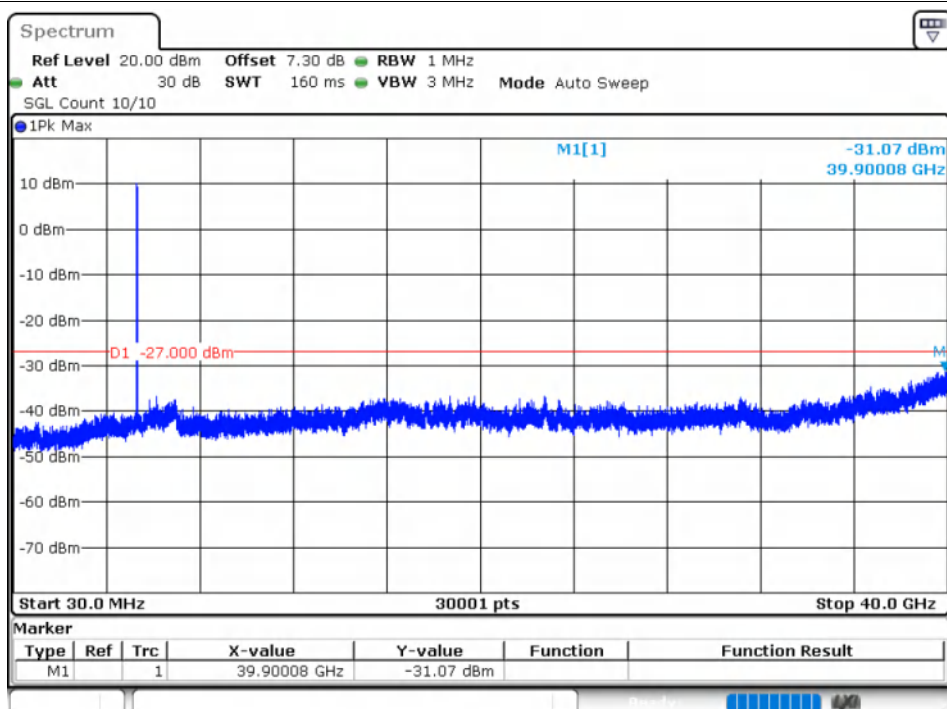
Tx. Spurious NVNT n20 5260MHz Ant2 Emission



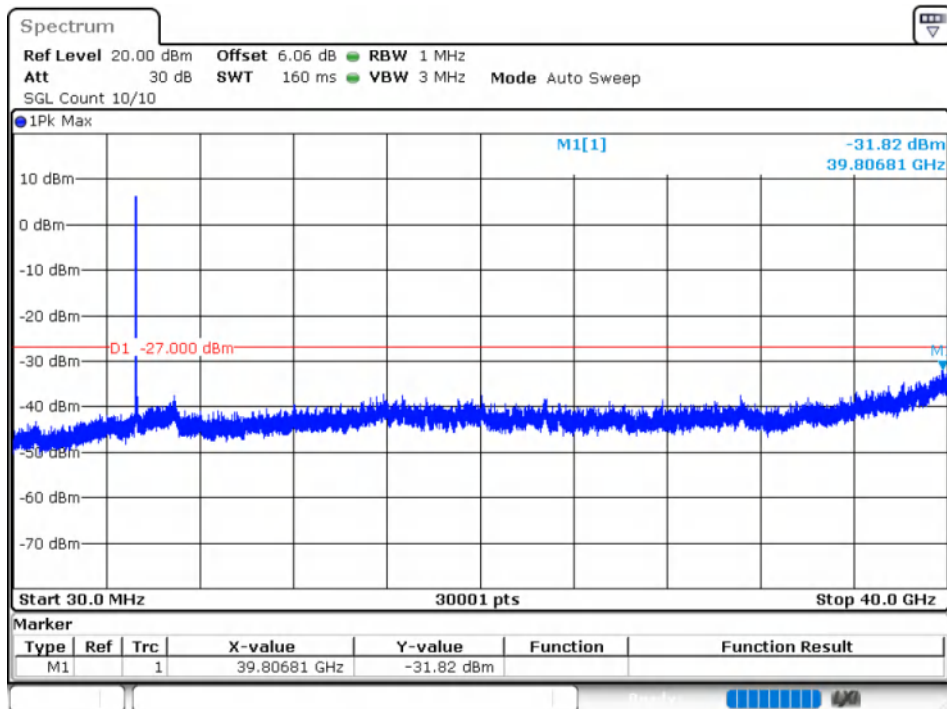
Tx. Spurious NVNT n20 5280MHz Ant2 Emission



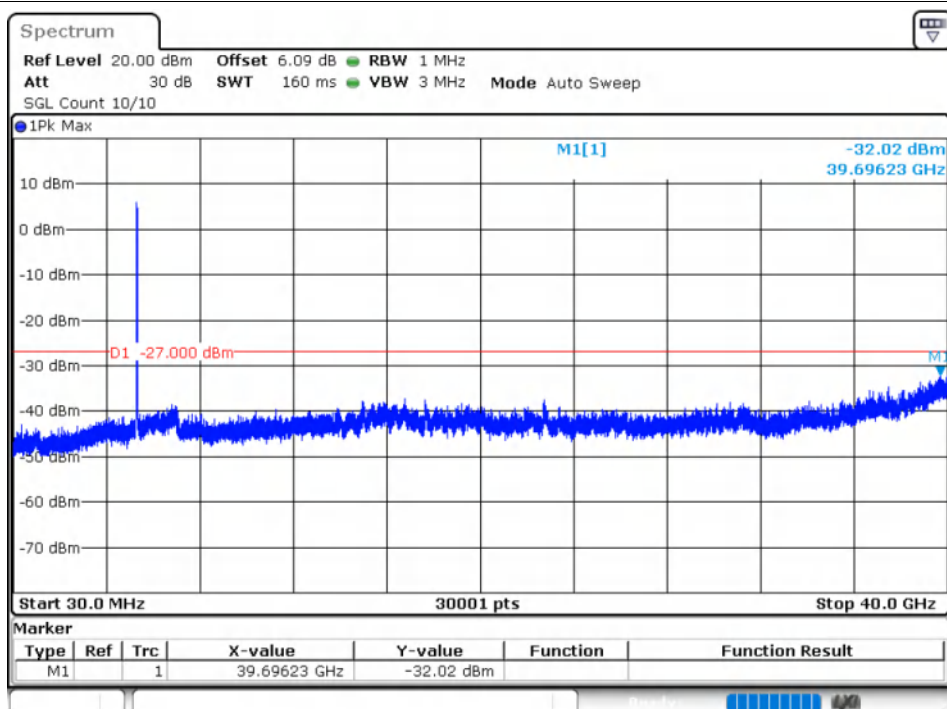
Tx. Spurious NVNT n20 5320MHz Ant2 Emission



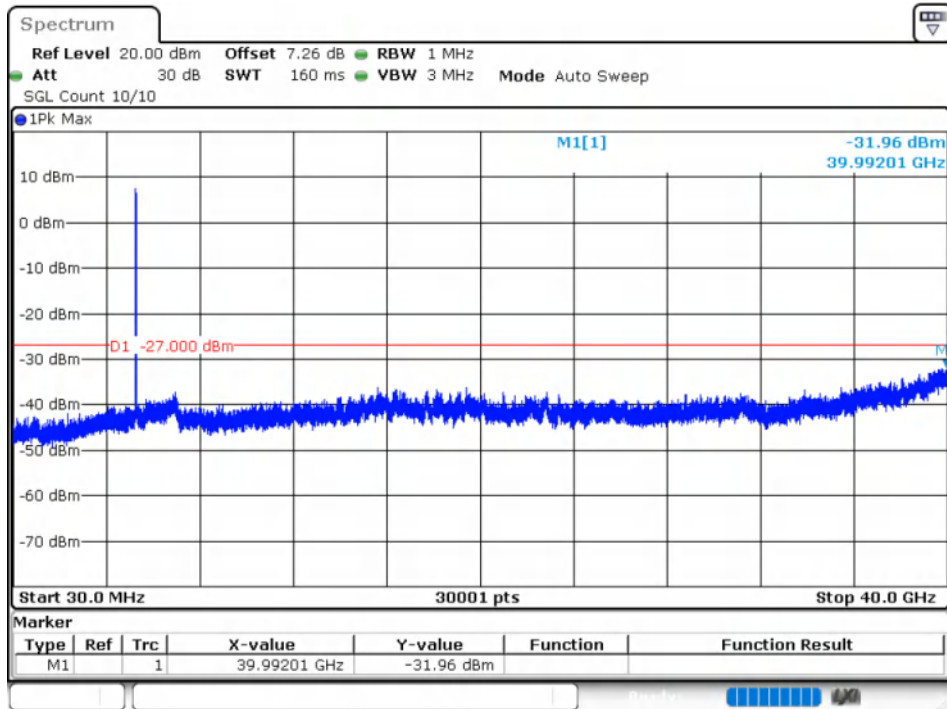
Tx. Spurious NVNT n40 5270MHz Ant1 Emission



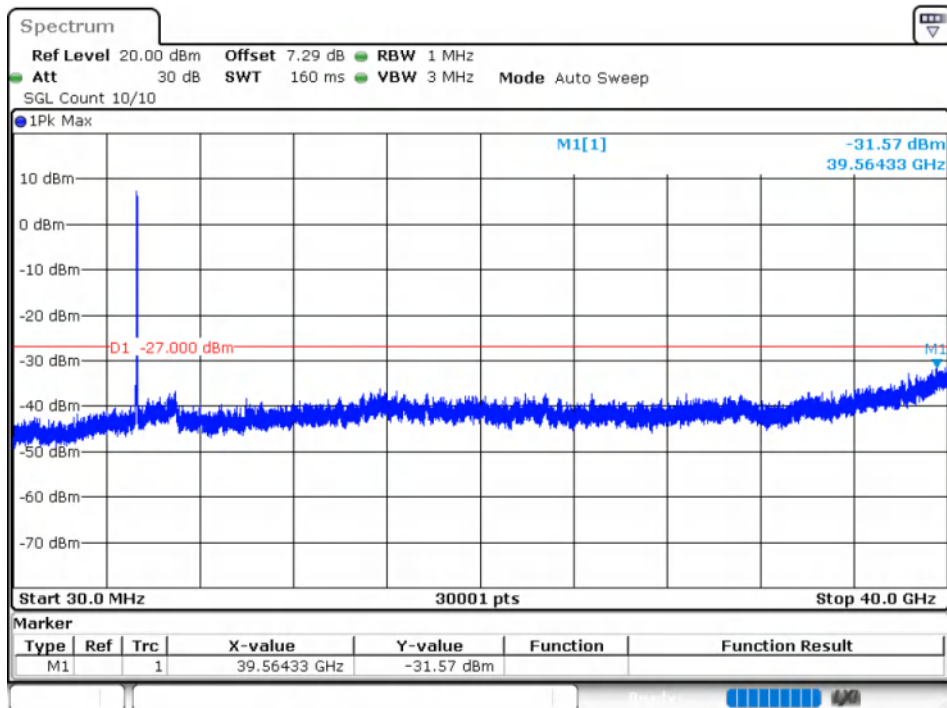
Tx. Spurious NVNT n40 5310MHz Ant1 Emission



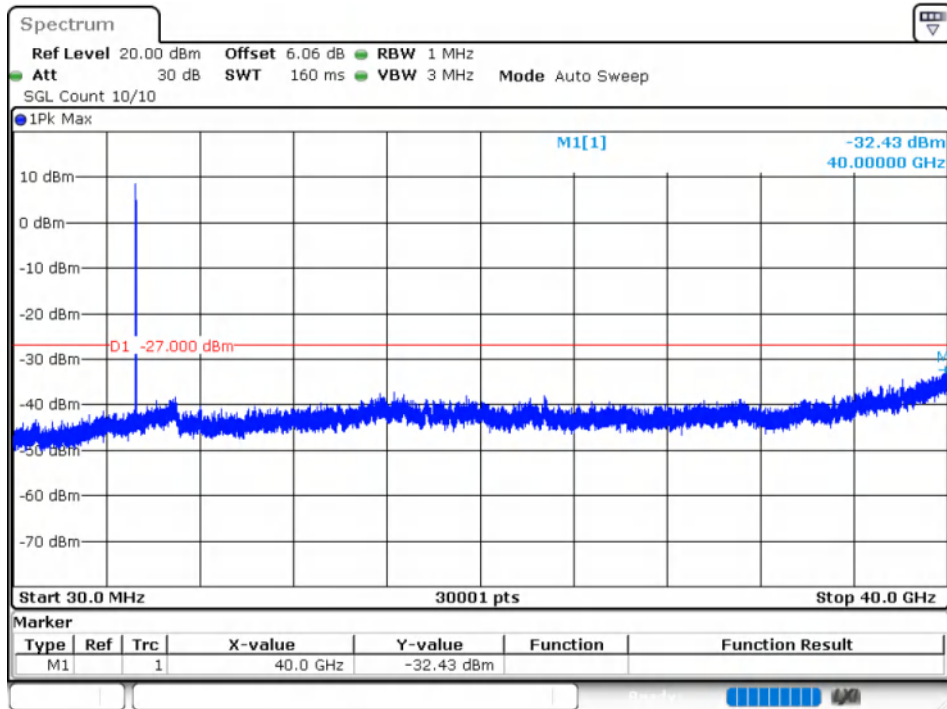
Tx. Spurious NVNT n40 5270MHz Ant2 Emission



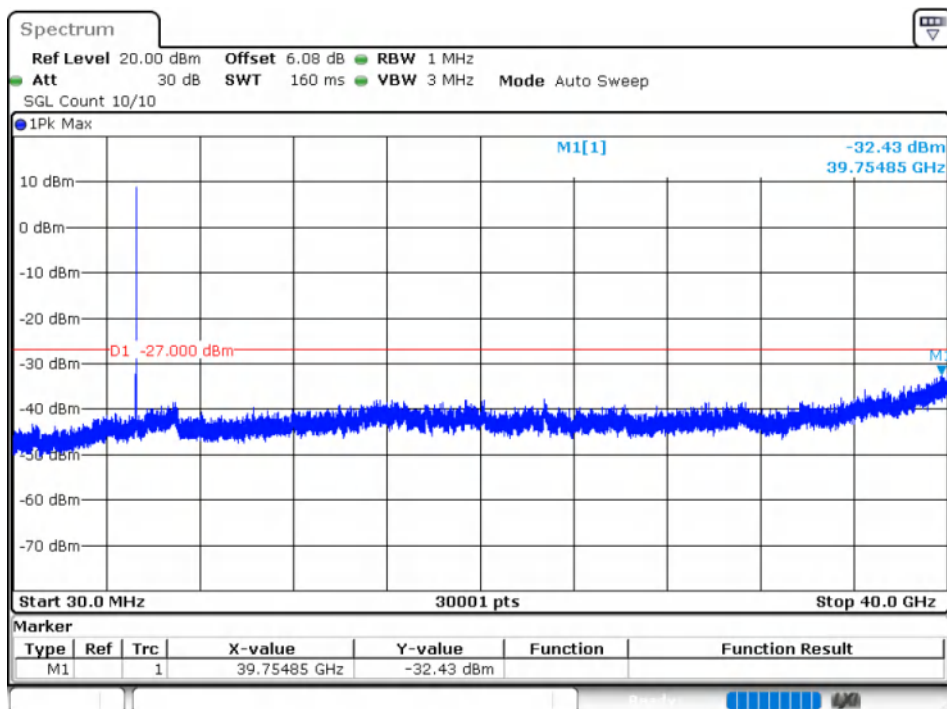
Tx. Spurious NVNT n40 5310MHz Ant2 Emission



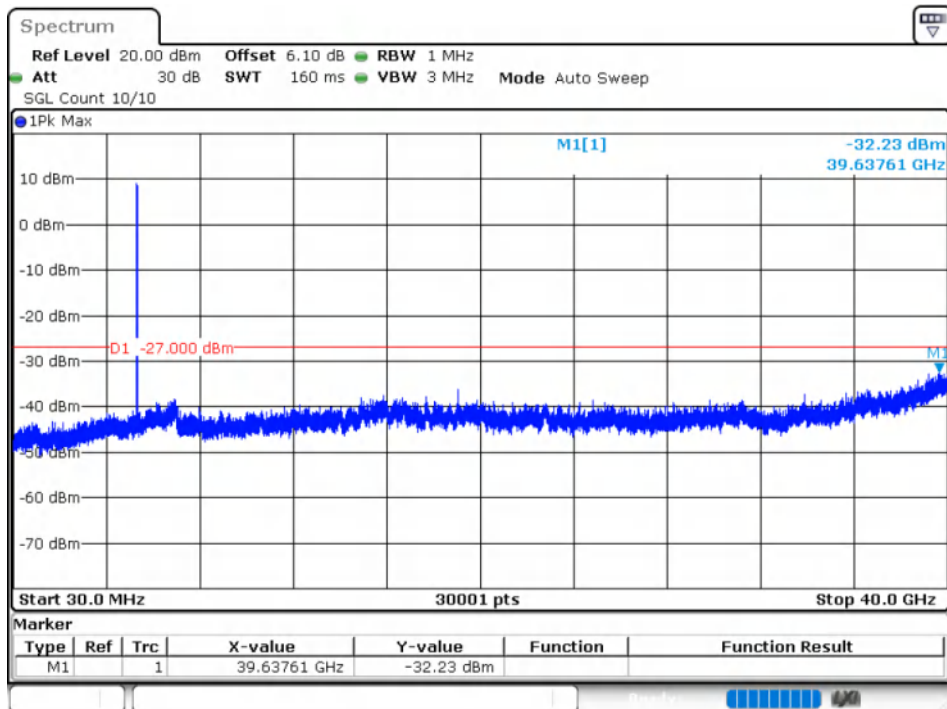
Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



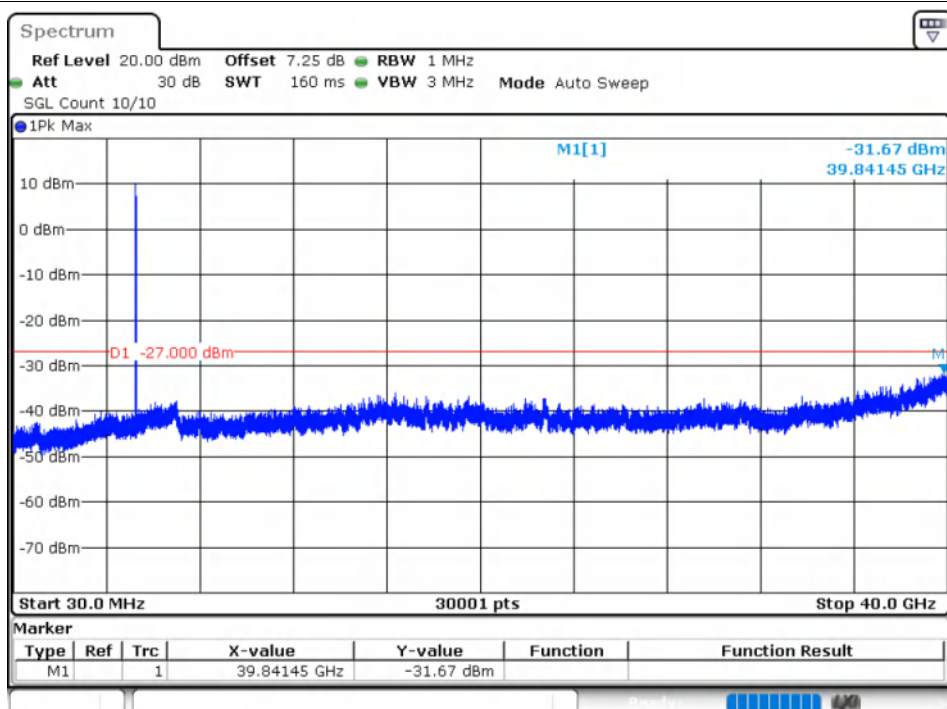
Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



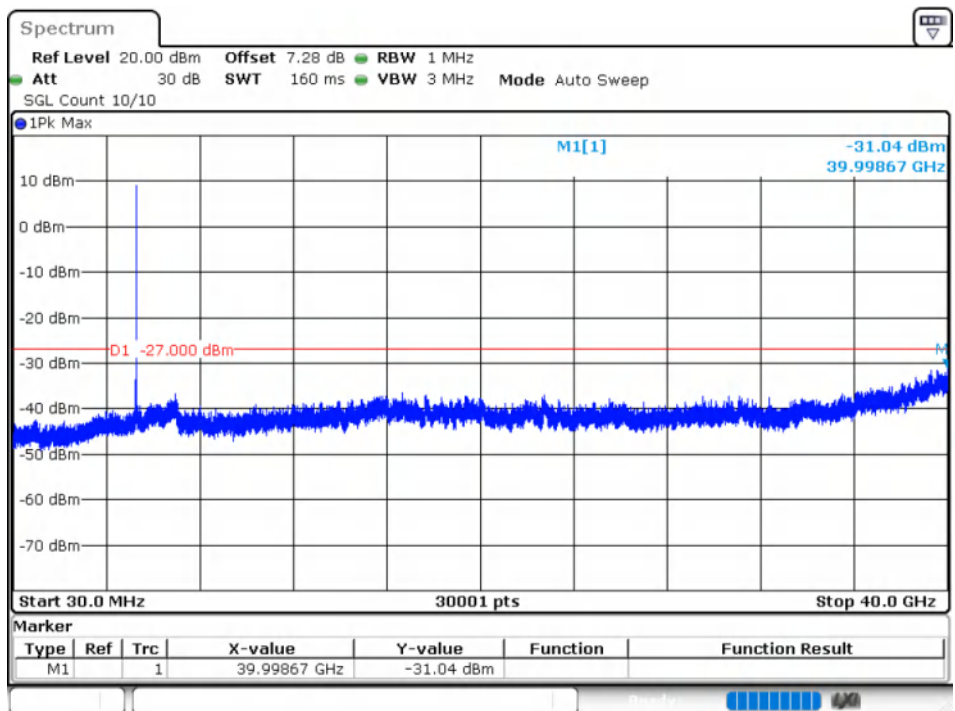
Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



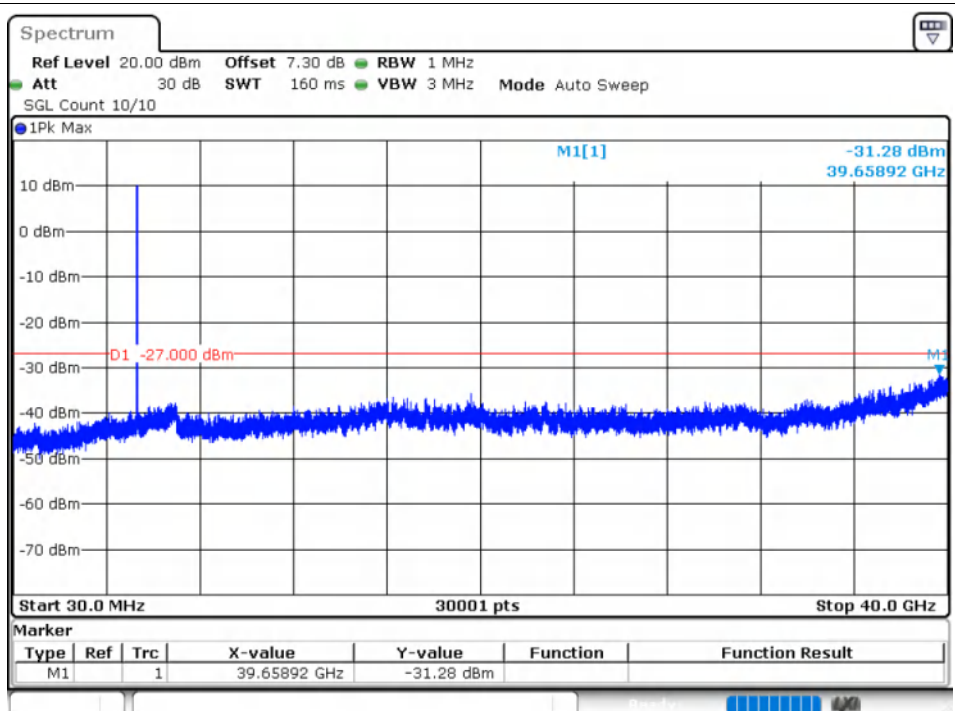
Tx. Spurious NVNT ac20 5260MHz Ant2 Emission



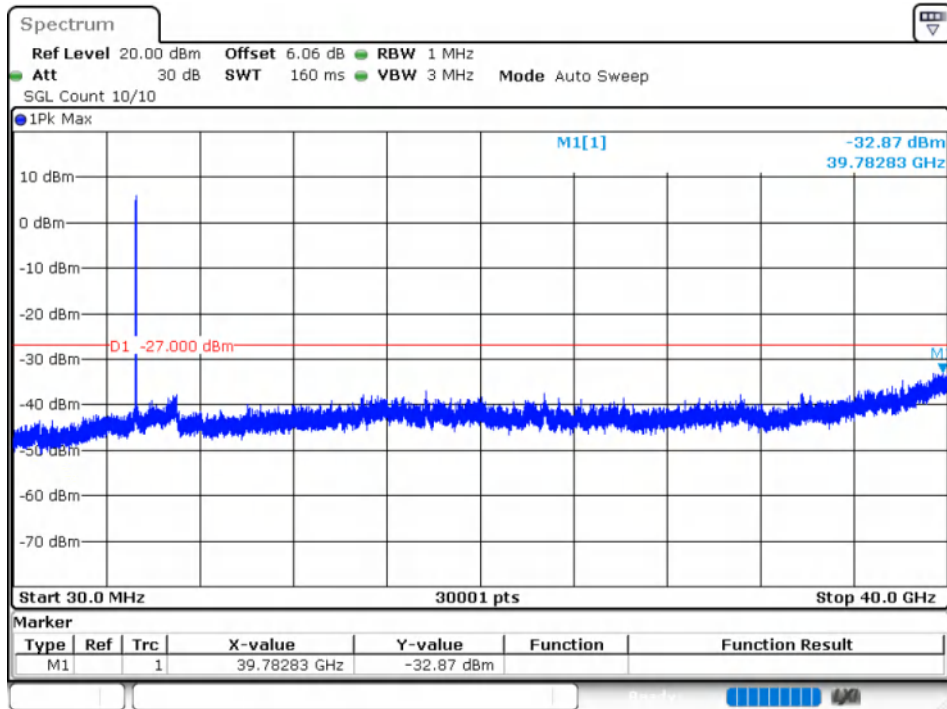
Tx. Spurious NVNT ac20 5280MHz Ant2 Emission



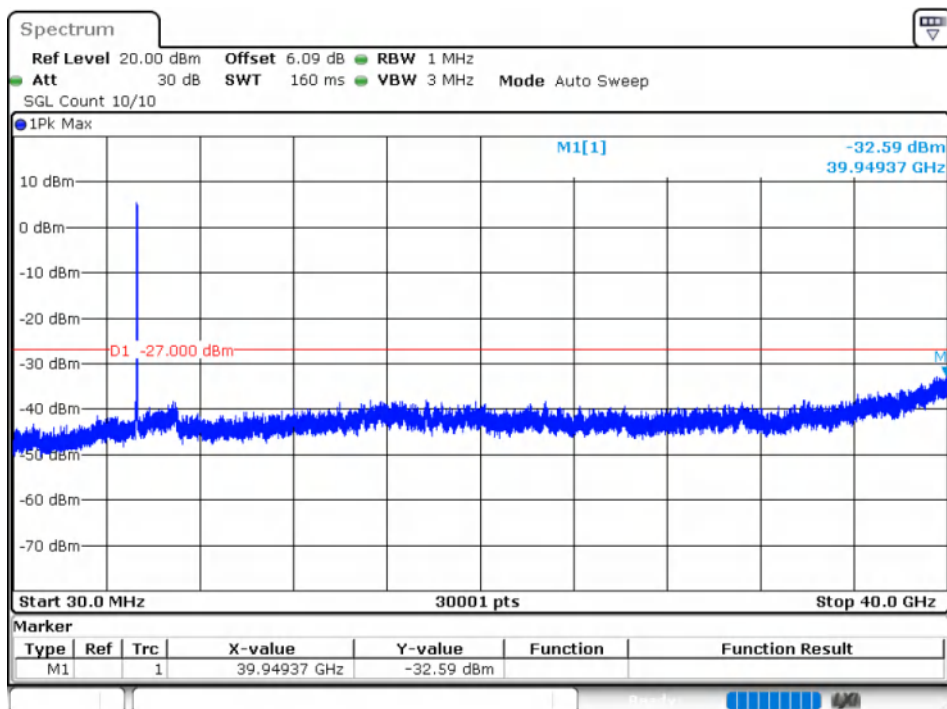
Tx. Spurious NVNT ac20 5320MHz Ant2 Emission



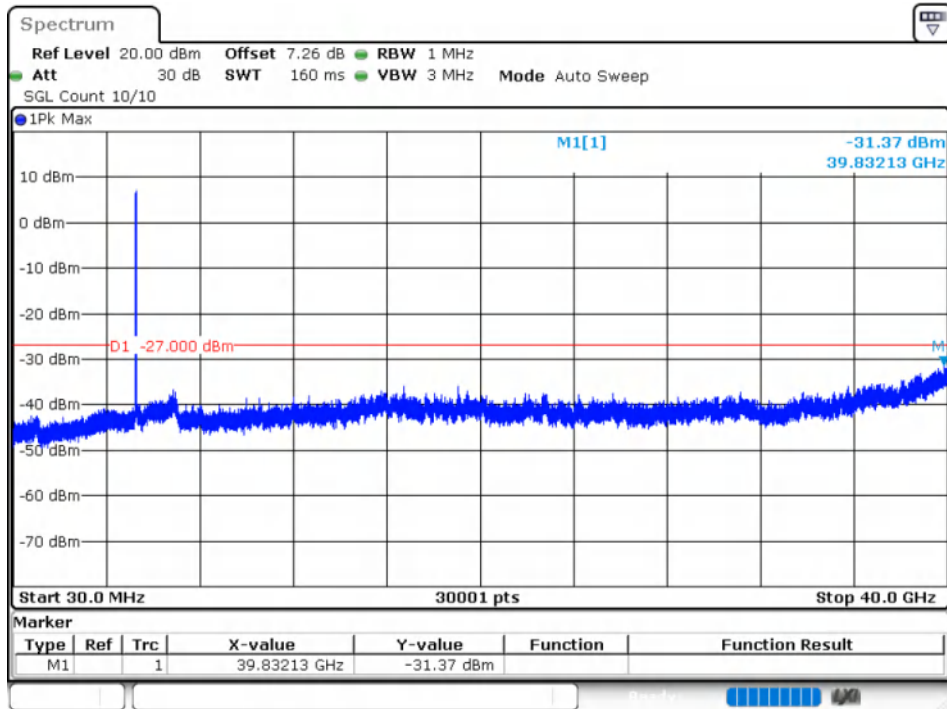
Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



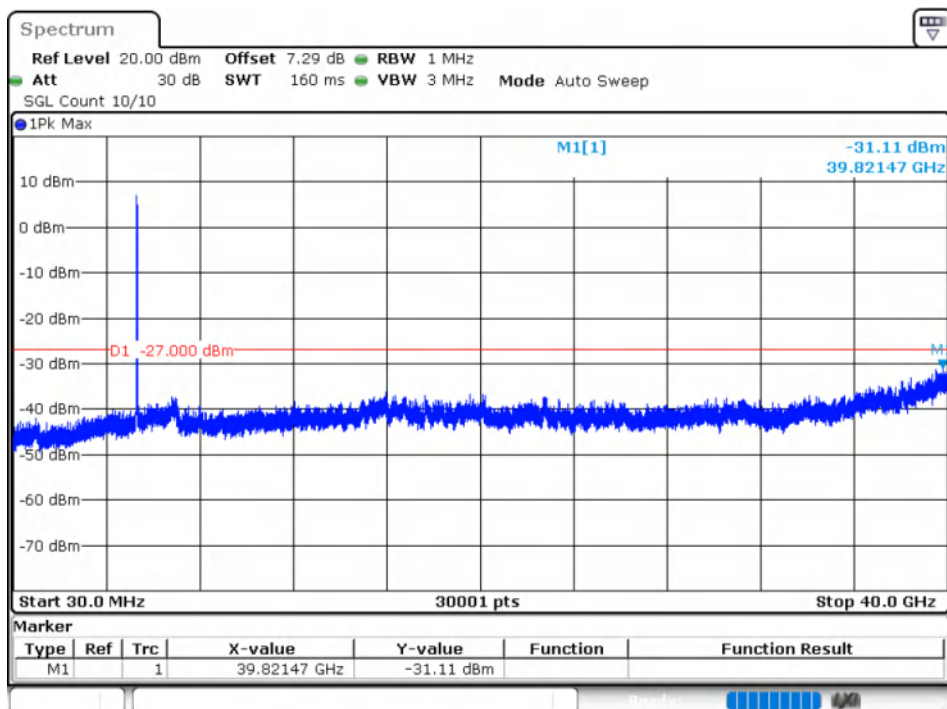
Tx. Spurious NVNT ac40 5310MHz Ant1 Emission



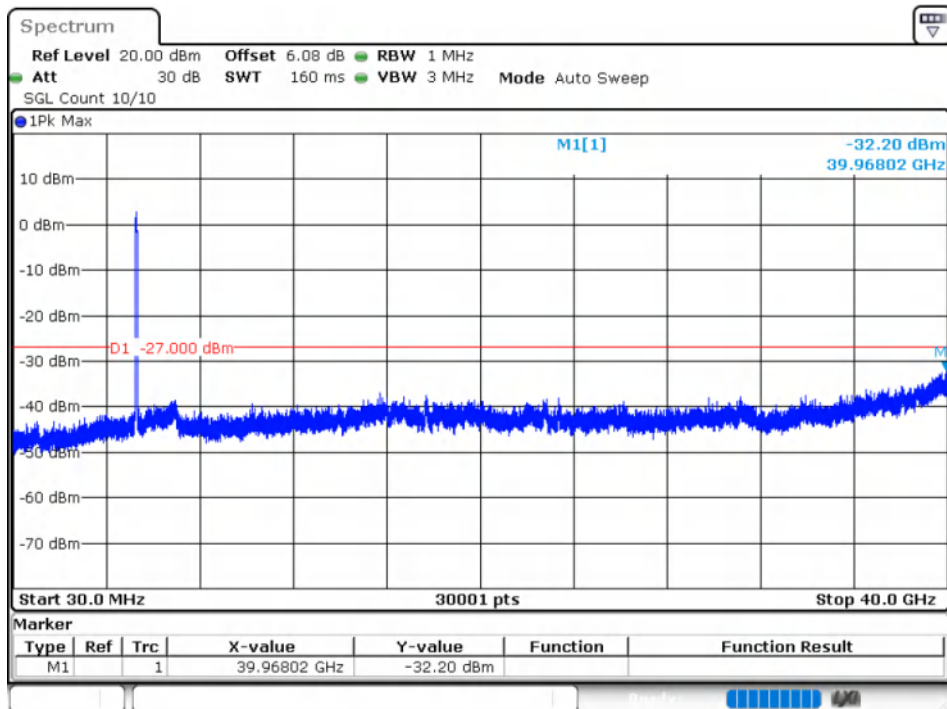
Tx. Spurious NVNT ac40 5270MHz Ant2 Emission



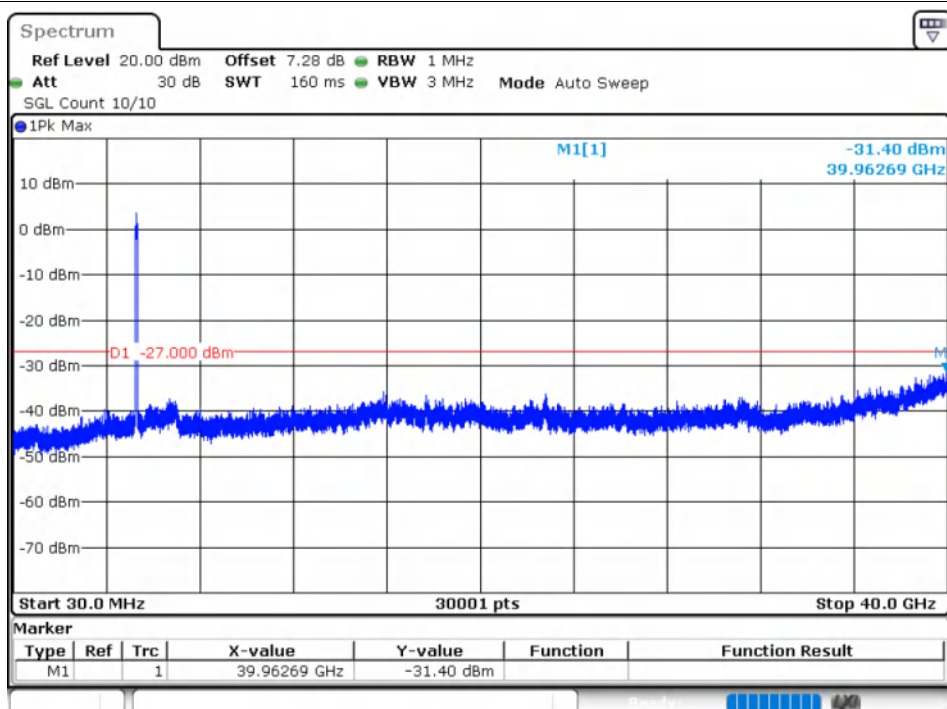
Tx. Spurious NVNT ac40 5310MHz Ant2 Emission



Tx. Spurious NVNT ac80 5290MHz Ant1 Emission



Tx. Spurious NVNT ac80 5290MHz Ant2 Emission



5.3G WIFI MIMO

Duty Cycle

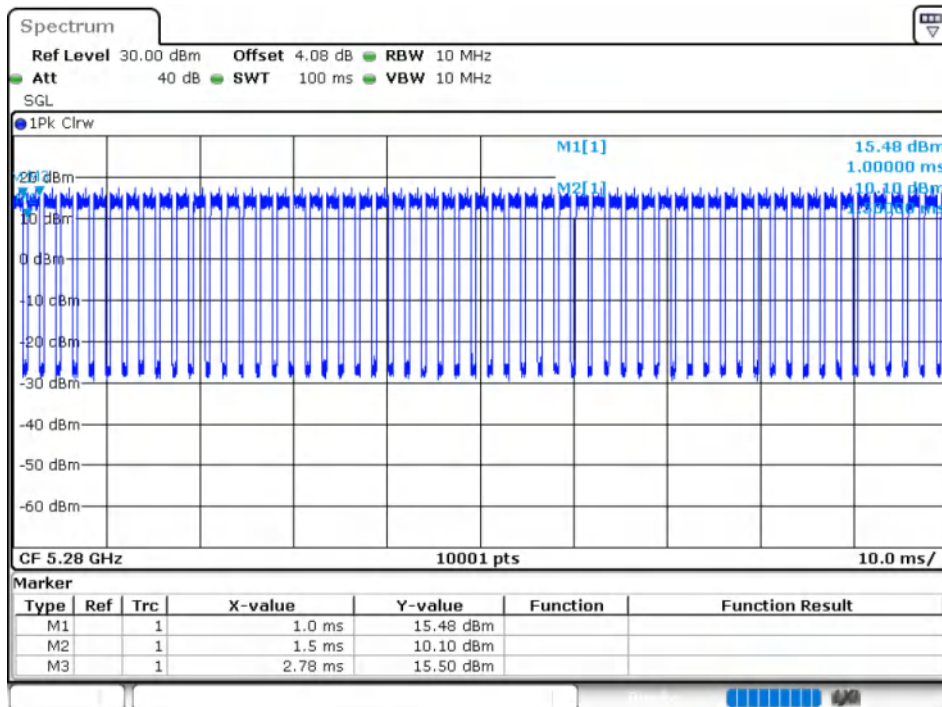
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5260	Sum	72.44	1.4	0.78
NVNT	ac20	5280	Sum	72.43	1.4	0.78
NVNT	ac20	5320	Sum	57.68	2.39	1.52
NVNT	ac40	5270	Sum	56.81	2.46	1.56
NVNT	ac40	5310	Sum	56.81	2.46	1.59
NVNT	ac80	5290	Sum	39.82	4	3.23
NVNT	n20	5260	Sum	72.02	1.43	0.79
NVNT	n20	5280	Sum	72.44	1.4	0.79
NVNT	n20	5320	Sum	71.95	1.43	0.79
NVNT	n40	5270	Sum	56.49	2.48	1.56
NVNT	n40	5310	Sum	56.5	2.48	1.59

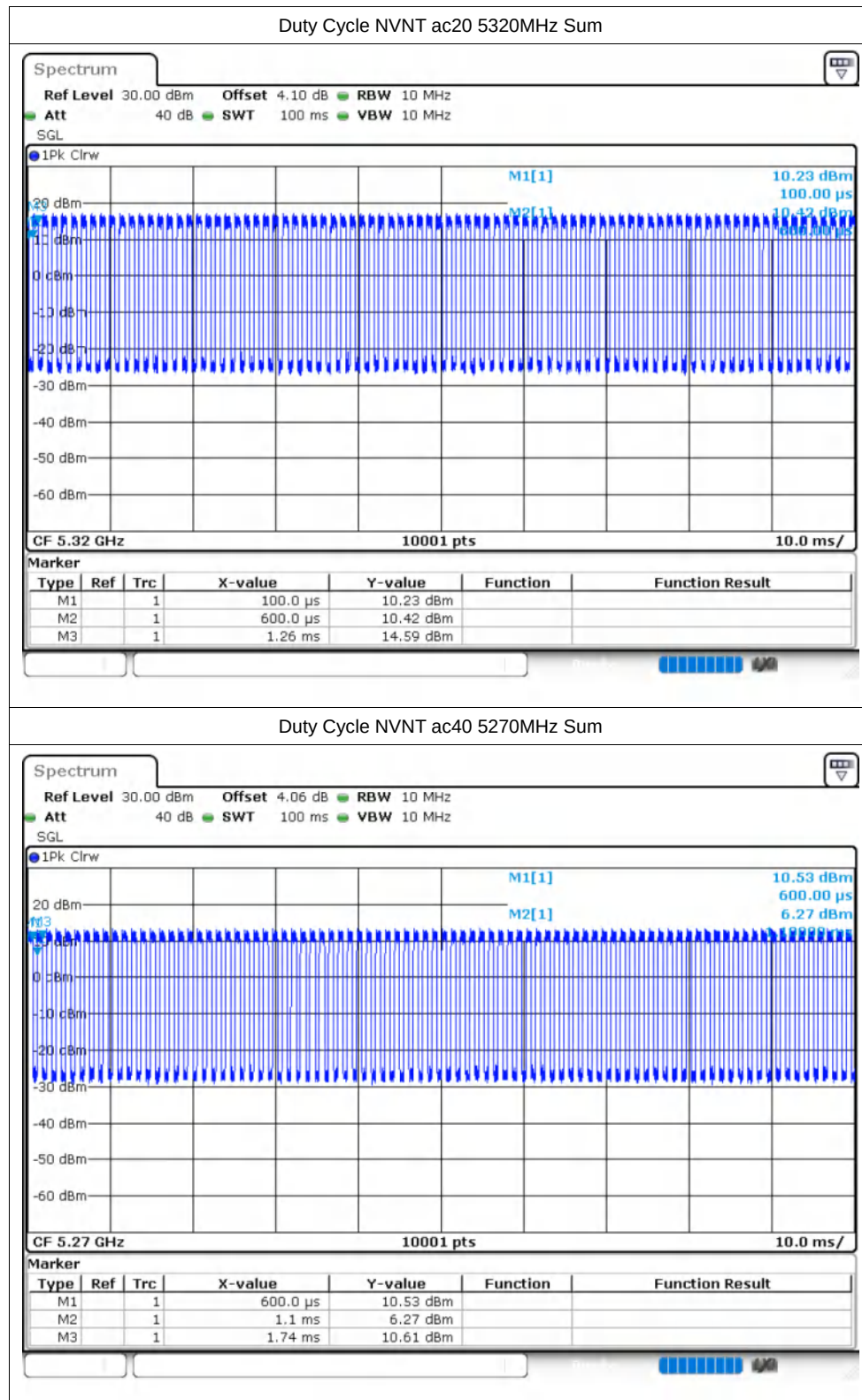
Test Graphs

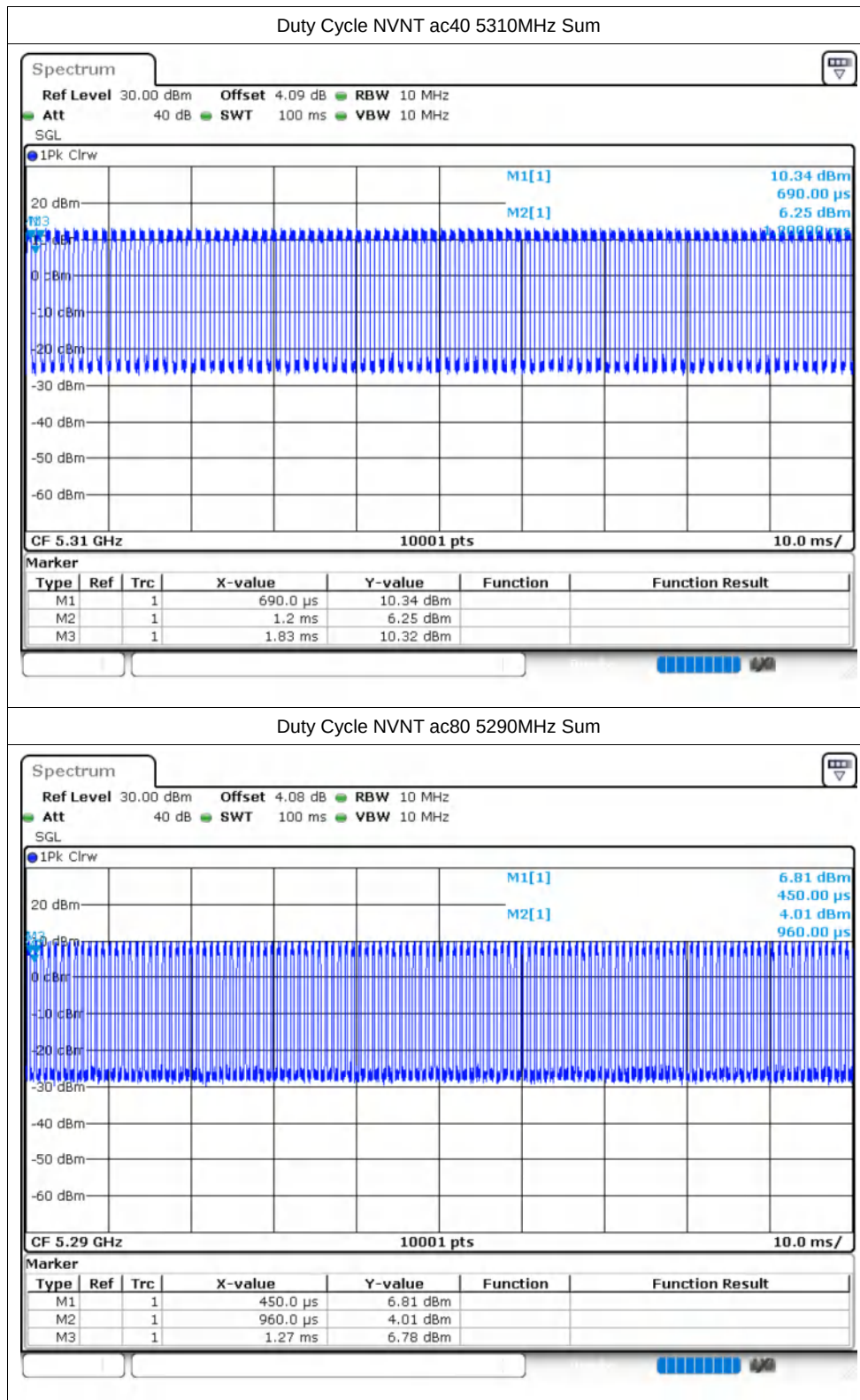
Duty Cycle NVNT ac20 5260MHz Sum



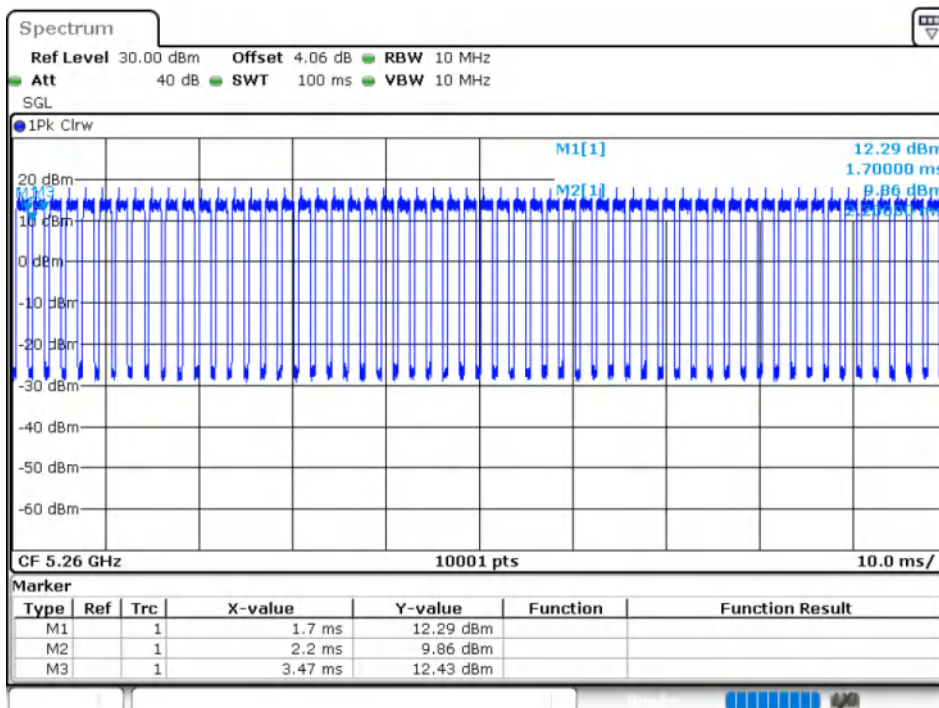
Duty Cycle NVNT ac20 5280MHz Sum



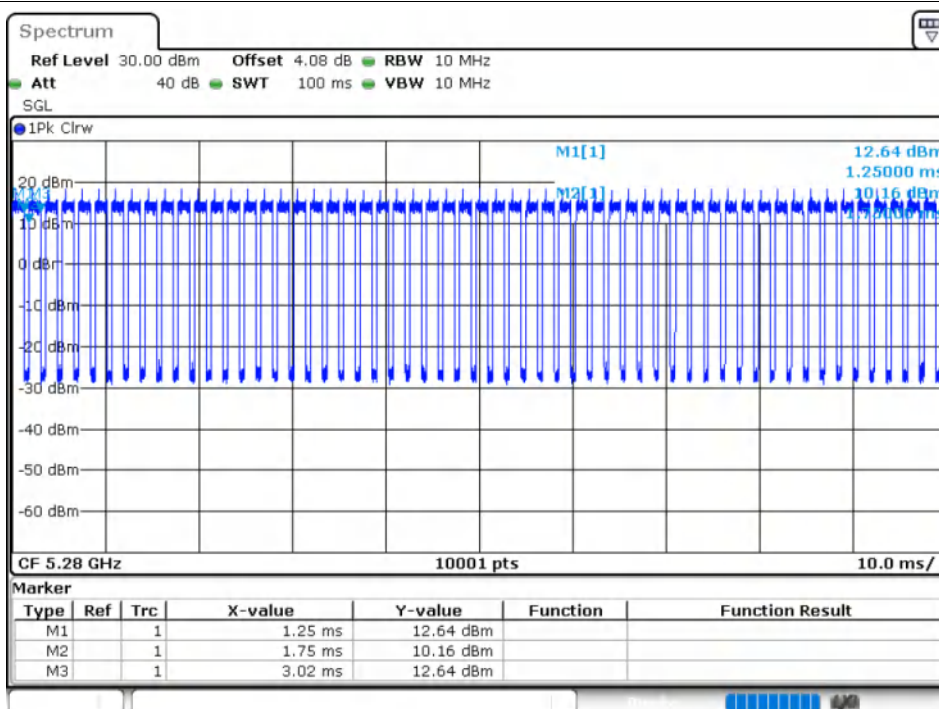


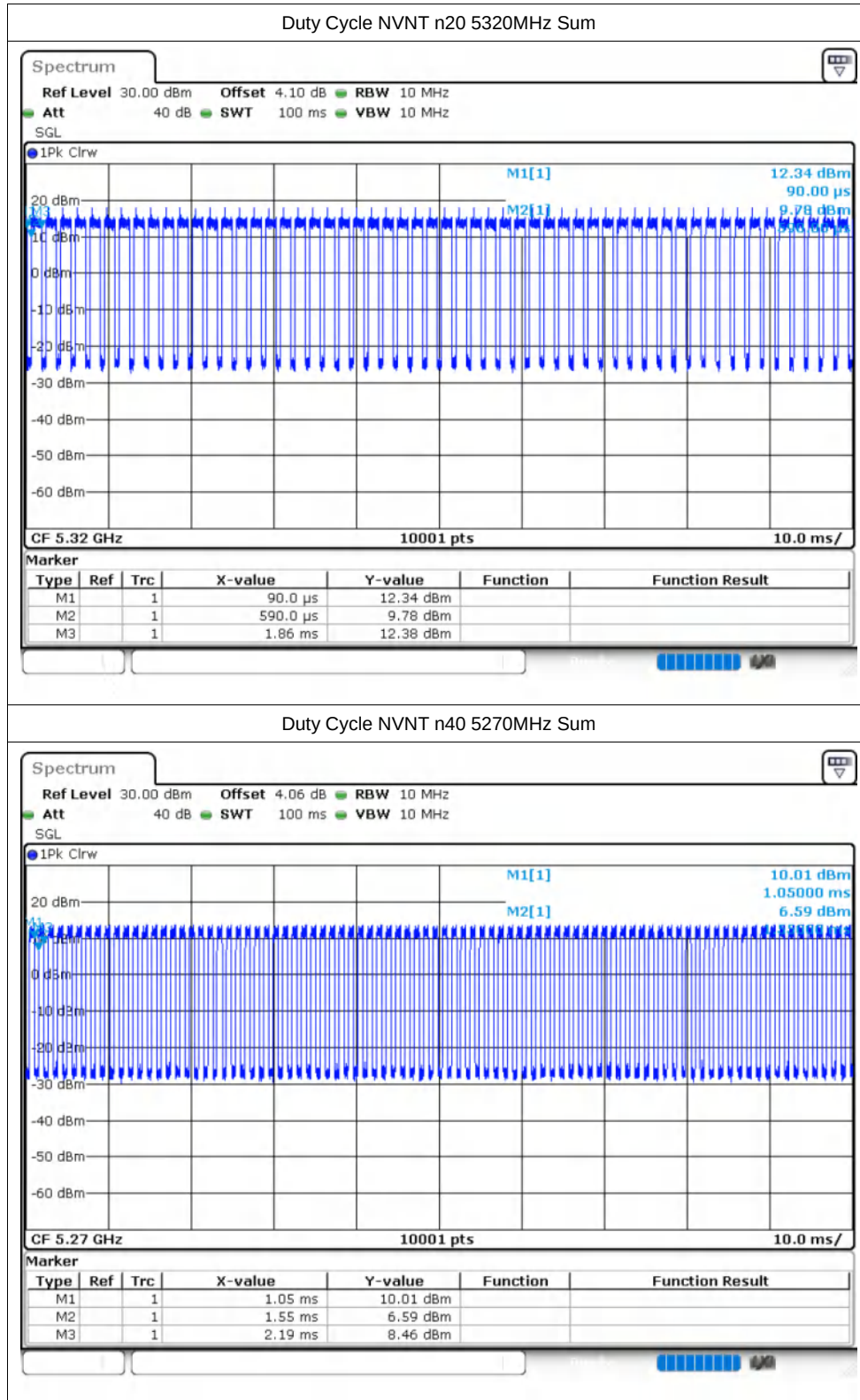


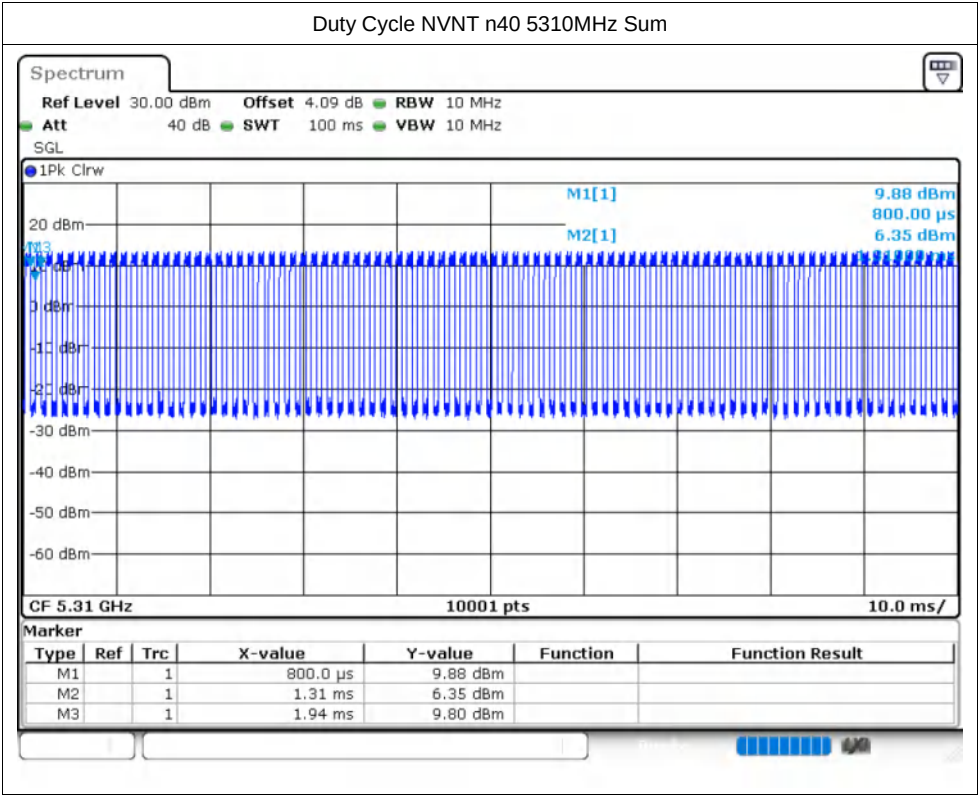
Duty Cycle NVNT n20 5260MHz Sum



Duty Cycle NVNT n20 5280MHz Sum







Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5260	Ant1	10.41	23.44	Pass
NVNT	ac20	5260	Ant2	10.76	23.44	Pass
NVNT	ac20	5260	Sum	13.6	23.44	Pass
NVNT	ac20	5280	Ant1	10.1	23.44	Pass
NVNT	ac20	5280	Ant2	10.99	23.44	Pass
NVNT	ac20	5280	Sum	13.58	23.44	Pass
NVNT	ac20	5320	Ant1	11.14	23.44	Pass
NVNT	ac20	5320	Ant2	11.58	23.44	Pass
NVNT	ac20	5320	Sum	14.38	23.44	Pass
NVNT	ac40	5270	Ant1	9.82	23.44	Pass
NVNT	ac40	5270	Ant2	10.86	23.44	Pass
NVNT	ac40	5270	Sum	13.38	23.44	Pass
NVNT	ac40	5310	Ant1	10.02	23.44	Pass
NVNT	ac40	5310	Ant2	10.95	23.44	Pass
NVNT	ac40	5310	Sum	13.52	23.44	Pass
NVNT	ac80	5290	Ant1	9.79	23.44	Pass
NVNT	ac80	5290	Ant2	10.81	23.44	Pass
NVNT	ac80	5290	Sum	13.34	23.44	Pass
NVNT	n20	5260	Ant1	10.04	23.44	Pass
NVNT	n20	5260	Ant2	11.04	23.44	Pass
NVNT	n20	5260	Sum	13.58	23.44	Pass
NVNT	n20	5280	Ant1	10.29	23.44	Pass
NVNT	n20	5280	Ant2	11.23	23.44	Pass
NVNT	n20	5280	Sum	13.8	23.44	Pass
NVNT	n20	5320	Ant1	10.7	23.44	Pass
NVNT	n20	5320	Ant2	11.22	23.44	Pass
NVNT	n20	5320	Sum	13.98	23.44	Pass
NVNT	n40	5270	Ant1	10.52	23.44	Pass
NVNT	n40	5270	Ant2	10.9	23.44	Pass
NVNT	n40	5270	Sum	13.72	23.44	Pass
NVNT	n40	5310	Ant1	10.29	23.44	Pass
NVNT	n40	5310	Ant2	10.98	23.44	Pass
NVNT	n40	5310	Sum	13.66	23.44	Pass

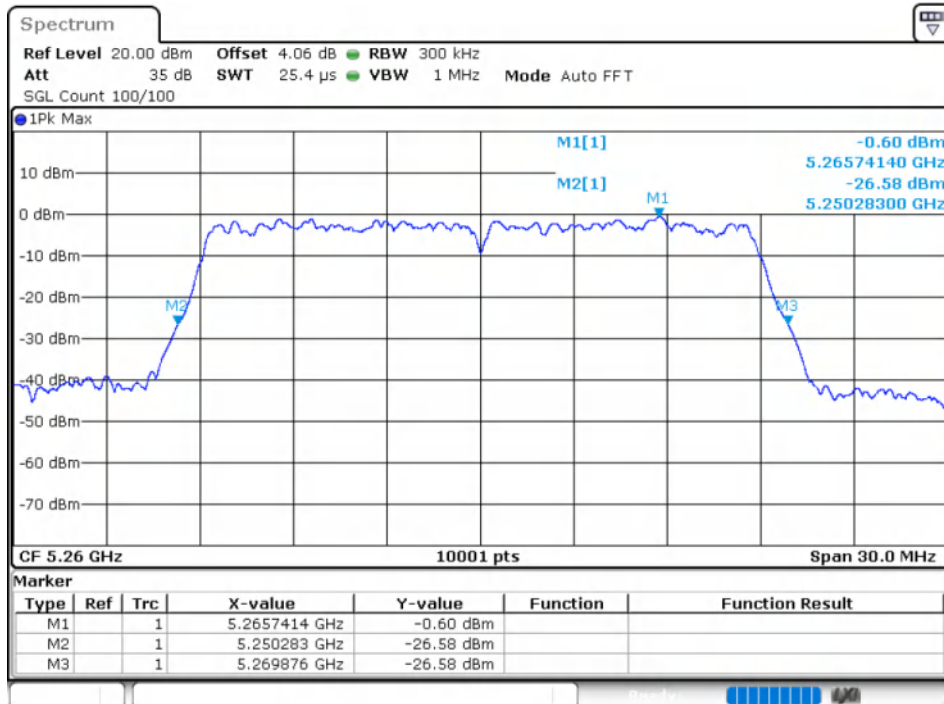
Note: The test has added Duty Factor.

-26dB Bandwidth

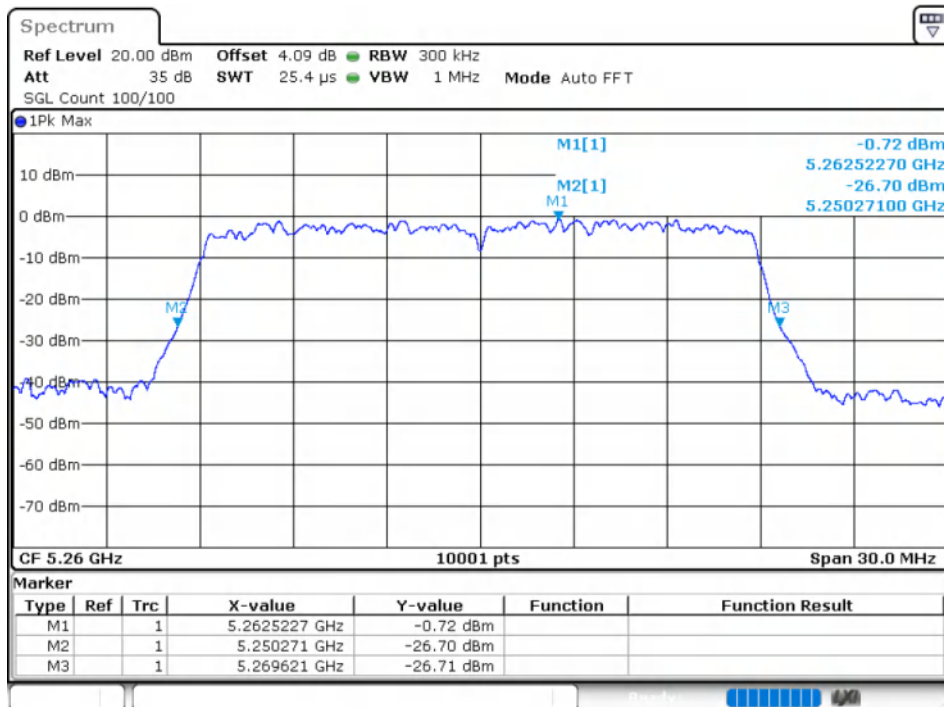
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	ac20	5260	Ant1	19.593	Pass
NVNT	ac20	5260	Ant2	19.35	Pass
NVNT	ac20	5280	Ant1	19.353	Pass
NVNT	ac20	5280	Ant2	19.428	Pass
NVNT	ac20	5320	Ant1	19.449	Pass
NVNT	ac20	5320	Ant2	19.458	Pass
NVNT	ac40	5270	Ant1	41.718	Pass
NVNT	ac40	5270	Ant2	41.286	Pass
NVNT	ac40	5310	Ant1	41.49	Pass
NVNT	ac40	5310	Ant2	41.238	Pass
NVNT	ac80	5290	Ant1	81.144	Pass
NVNT	ac80	5290	Ant2	81.36	Pass
NVNT	n20	5260	Ant1	19.278	Pass
NVNT	n20	5260	Ant2	19.551	Pass
NVNT	n20	5280	Ant1	19.377	Pass
NVNT	n20	5280	Ant2	19.353	Pass
NVNT	n20	5320	Ant1	19.608	Pass
NVNT	n20	5320	Ant2	19.338	Pass
NVNT	n40	5270	Ant1	41.46	Pass
NVNT	n40	5270	Ant2	41.136	Pass
NVNT	n40	5310	Ant1	41.472	Pass
NVNT	n40	5310	Ant2	41.118	Pass

Test Graphs

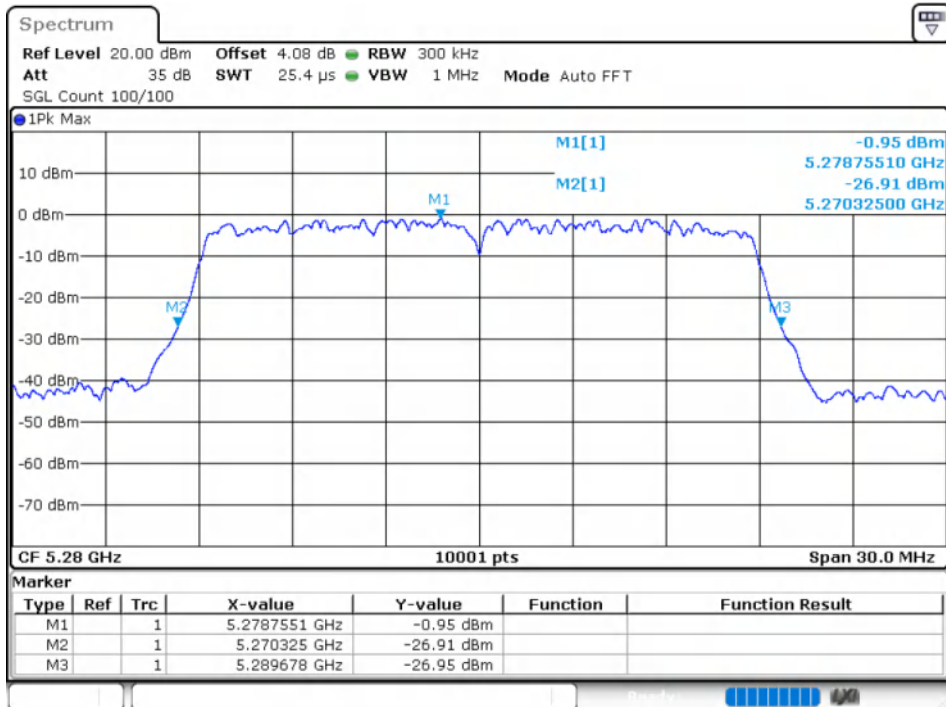
-26dB Bandwidth NVNT ac20 5260MHz Ant1



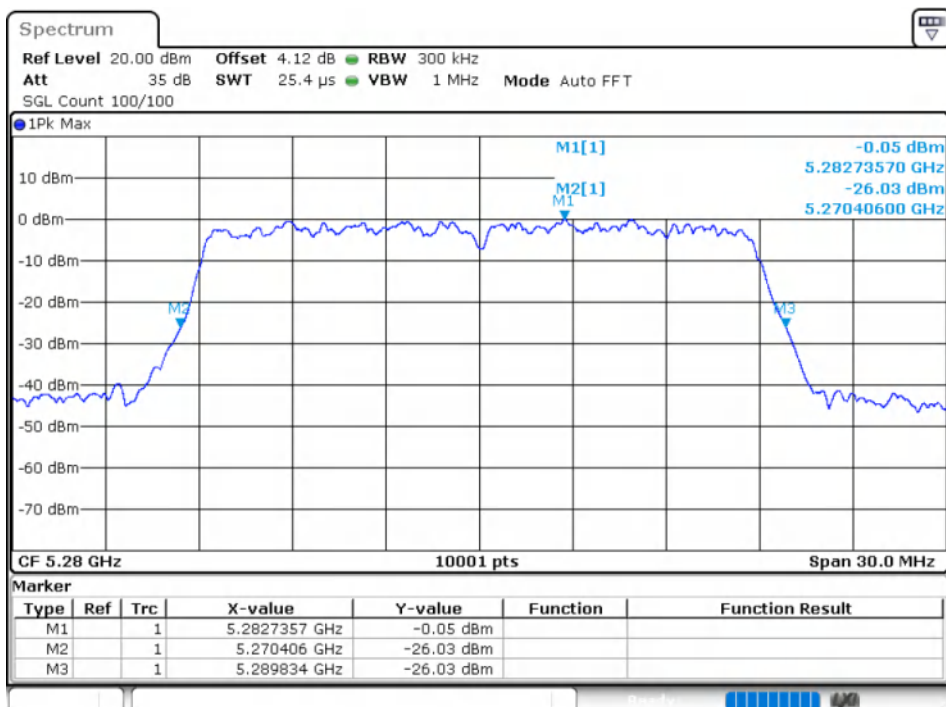
-26dB Bandwidth NVNT ac20 5260MHz Ant2



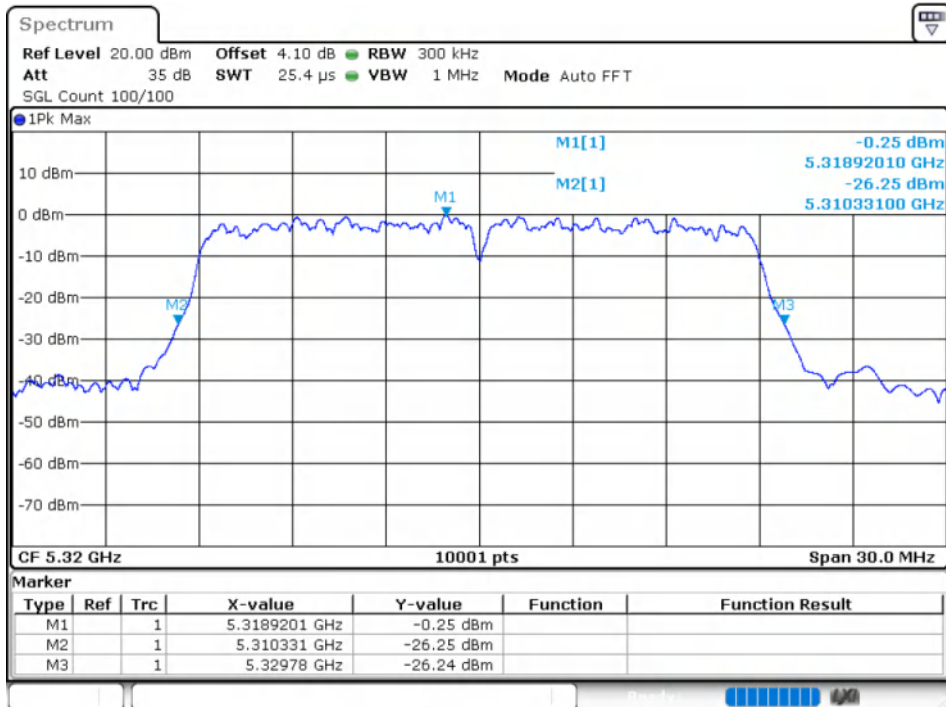
-26dB Bandwidth NVNT ac20 5280MHz Ant1



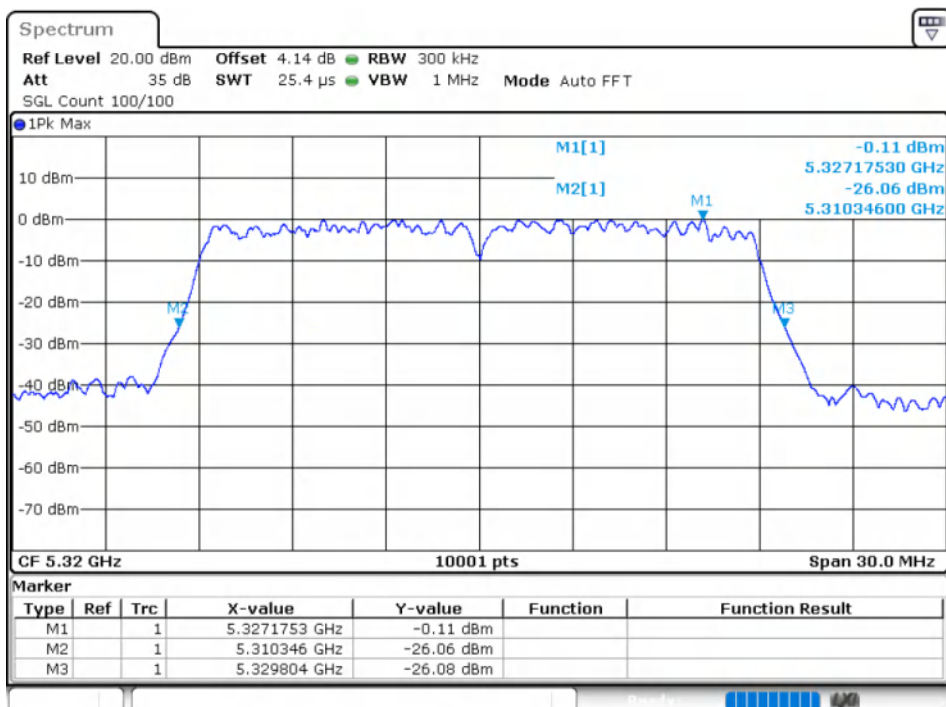
-26dB Bandwidth NVNT ac20 5280MHz Ant2



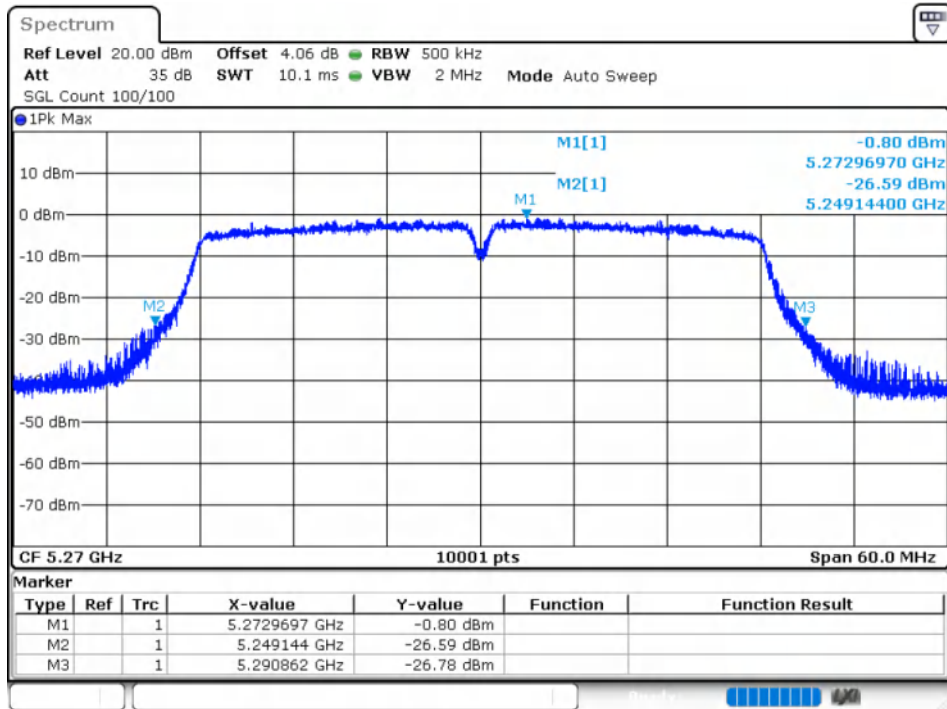
-26dB Bandwidth NVNT ac20 5320MHz Ant1



-26dB Bandwidth NVNT ac20 5320MHz Ant2



-26dB Bandwidth NVNT ac40 5270MHz Ant1



-26dB Bandwidth NVNT ac40 5270MHz Ant2

