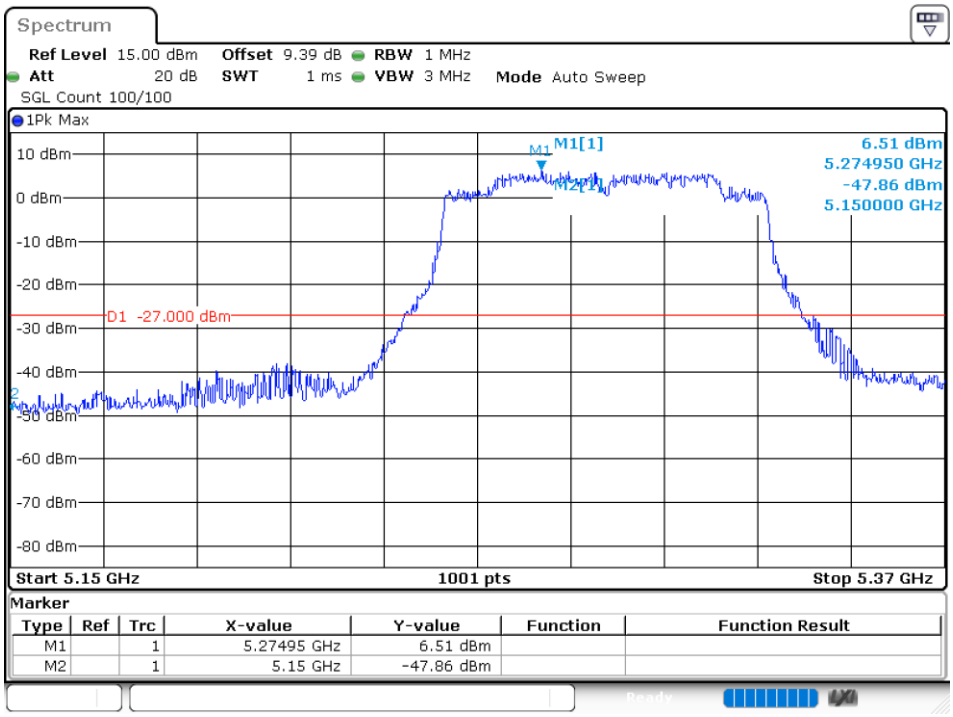
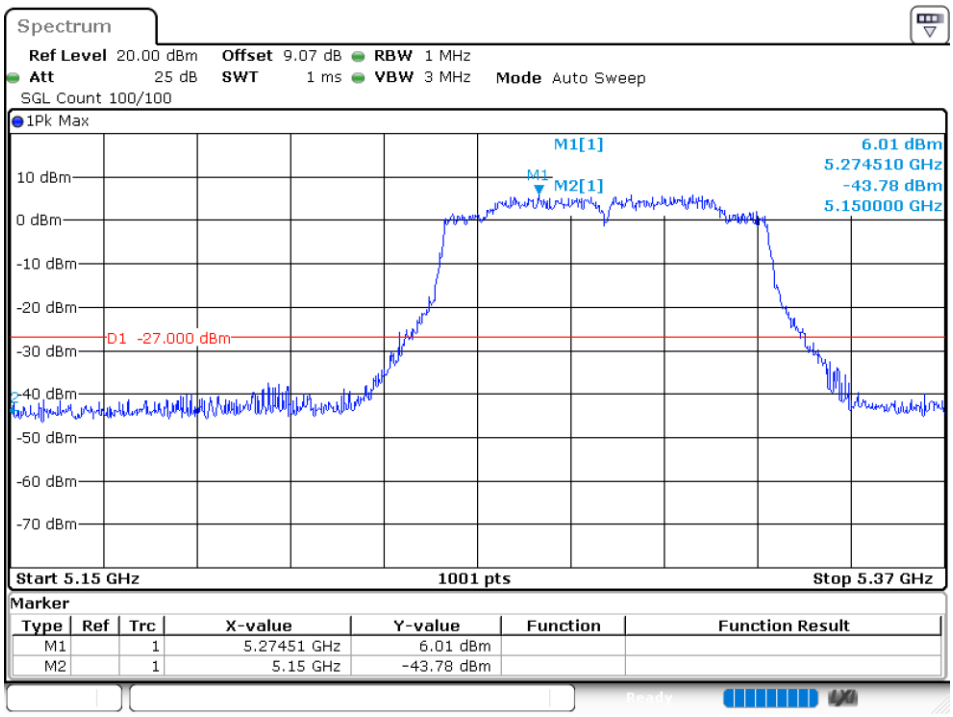
Band Edge NVNT ac80 5290MHz Low Ant1



Band Edge NVNT ac80 5290MHz Low Ant2

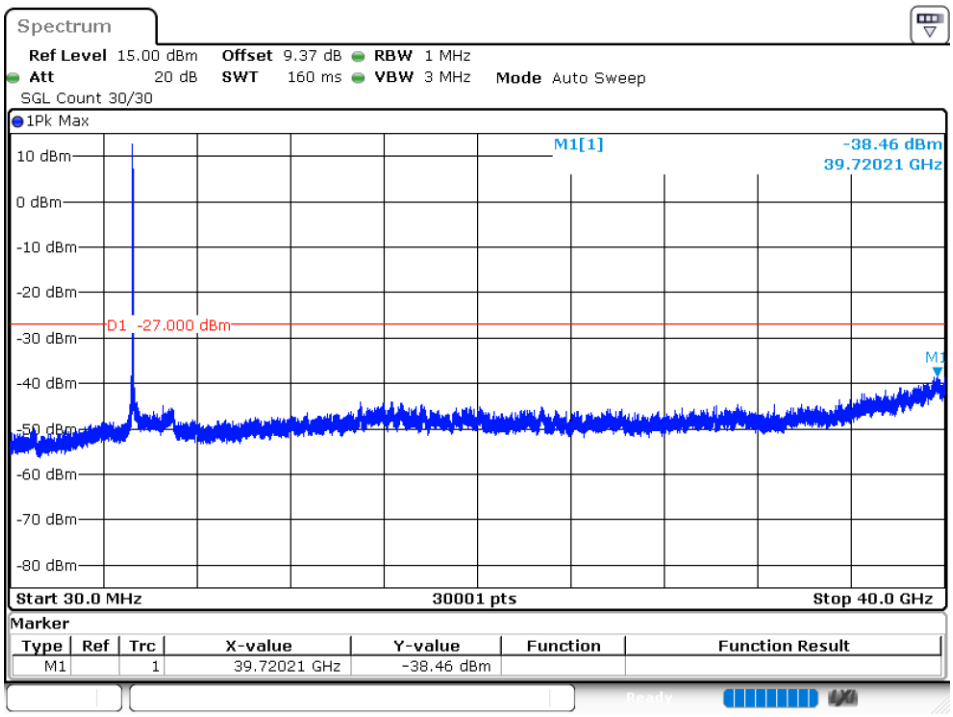


Conducted RF Spurious Emission

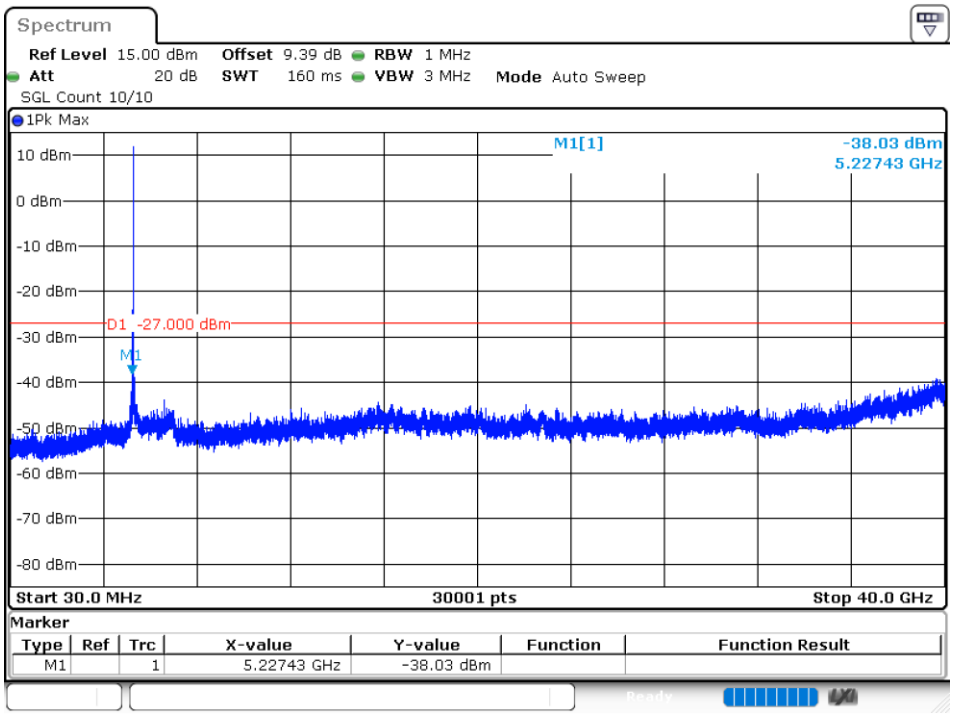
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-38.46	-27	Pass
NVNT	a	5280	Ant1	-38.02	-27	Pass
NVNT	a	5320	Ant1	-36.94	-27	Pass
NVNT	a	5260	Ant2	-38.39	-27	Pass
NVNT	a	5280	Ant2	-37.96	-27	Pass
NVNT	a	5320	Ant2	-38	-27	Pass
NVNT	n20	5260	Ant1	-37.93	-27	Pass
NVNT	n20	5280	Ant1	-38.23	-27	Pass
NVNT	n20	5320	Ant1	-39.07	-27	Pass
NVNT	n20	5260	Ant2	-38.22	-27	Pass
NVNT	n20	5280	Ant2	-38.45	-27	Pass
NVNT	n20	5320	Ant2	-37.89	-27	Pass
NVNT	n40	5270	Ant1	-38.61	-27	Pass
NVNT	n40	5310	Ant1	-38.53	-27	Pass
NVNT	n40	5270	Ant2	-38.19	-27	Pass
NVNT	n40	5310	Ant2	-37.83	-27	Pass
NVNT	ac20	5260	Ant1	-37.55	-27	Pass
NVNT	ac20	5280	Ant1	-37.58	-27	Pass
NVNT	ac20	5320	Ant1	-38.57	-27	Pass
NVNT	ac20	5260	Ant2	-37.48	-27	Pass
NVNT	ac20	5280	Ant2	-38.14	-27	Pass
NVNT	ac20	5320	Ant2	-37.5	-27	Pass
NVNT	ac40	5270	Ant1	-38.71	-27	Pass
NVNT	ac40	5310	Ant1	-38.52	-27	Pass
NVNT	ac40	5270	Ant2	-37.75	-27	Pass
NVNT	ac40	5310	Ant2	-37.92	-27	Pass
NVNT	ac80	5290	Ant1	-38.72	-27	Pass
NVNT	ac80	5290	Ant2	-37.73	-27	Pass

Test Graphs

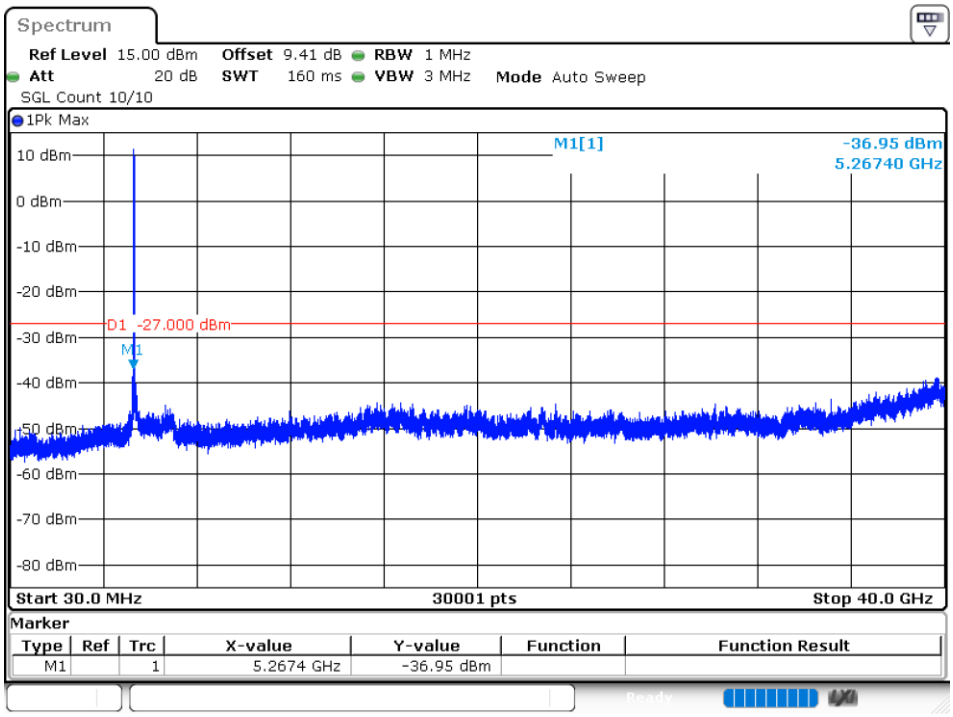
Tx. Spurious NVNT a 5260MHz Ant1 Emission



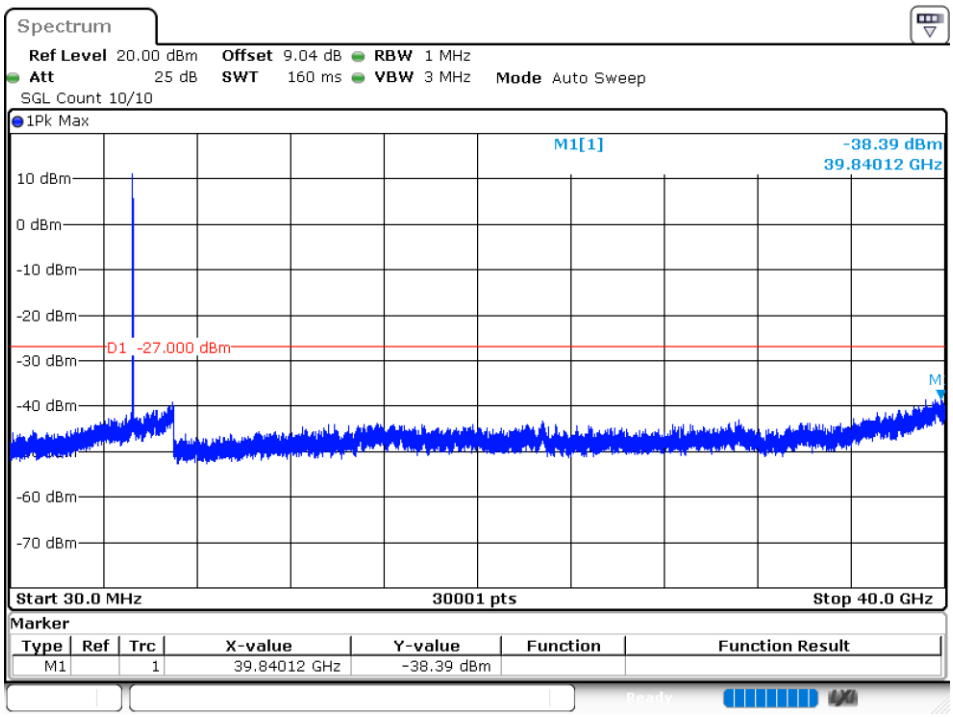
Tx. Spurious NVNT a 5280MHz Ant1 Emission



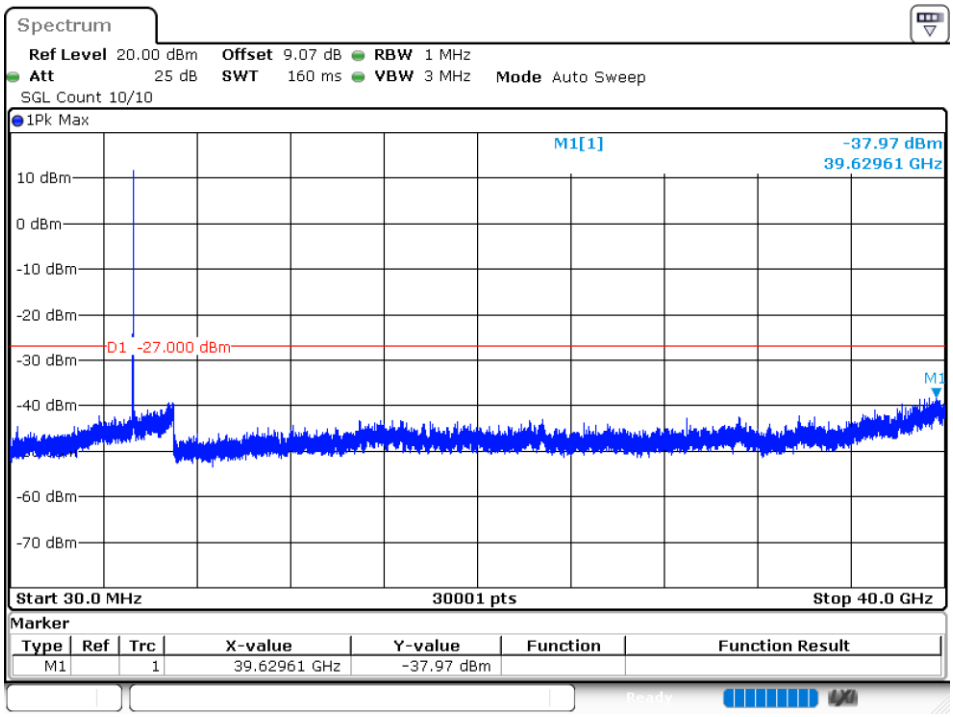
Tx. Spurious NVNT a 5320MHz Ant1 Emission



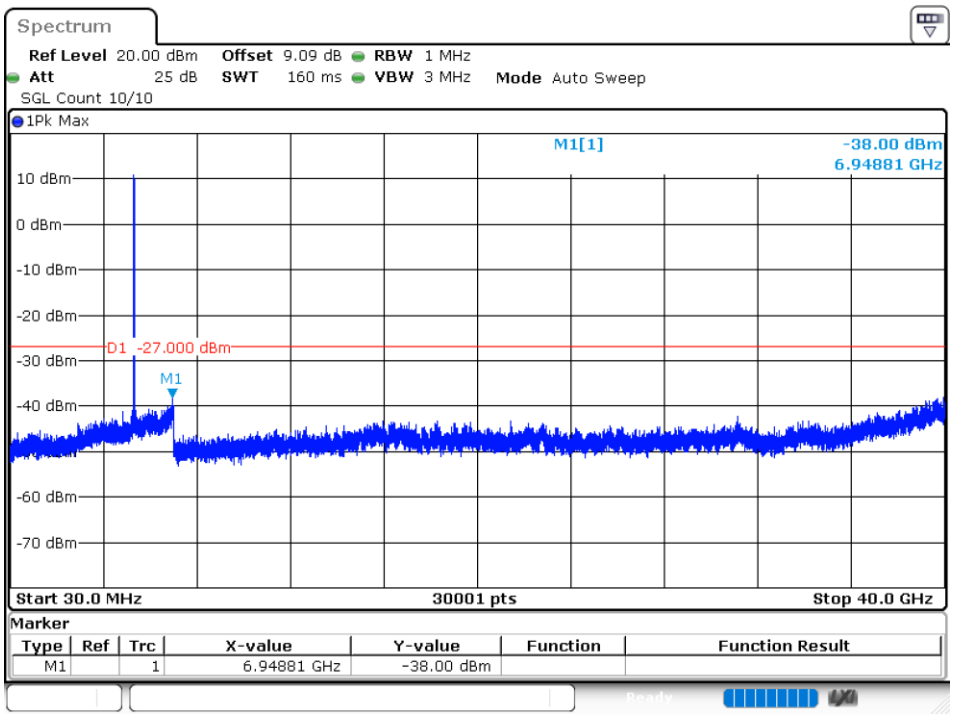
Tx. Spurious NVNT a 5260MHz Ant2 Emission



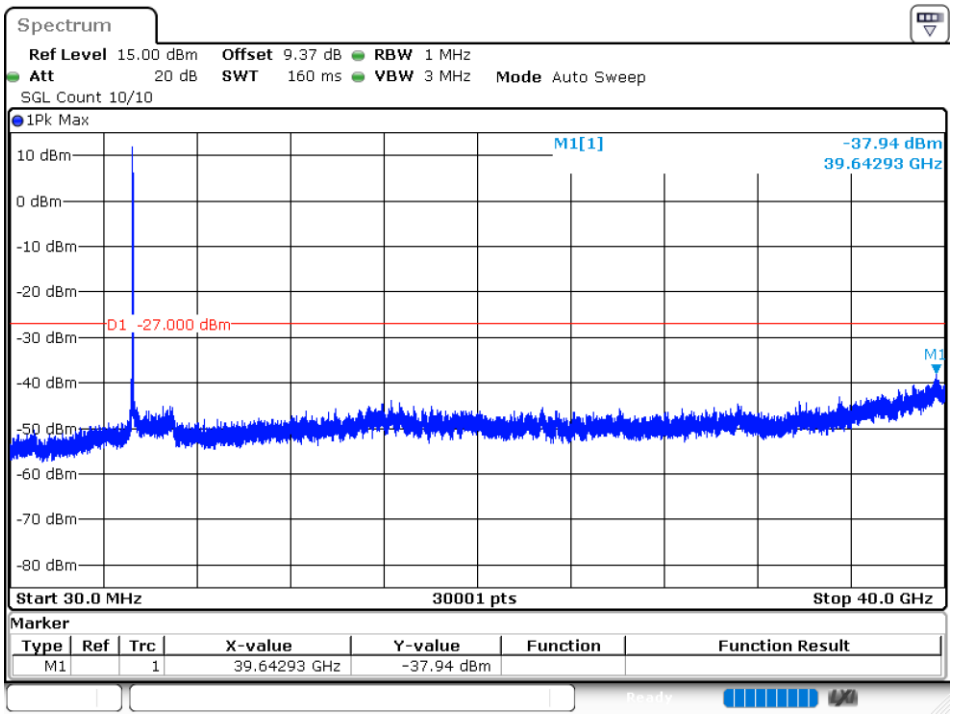
Tx. Spurious NVNT a 5280MHz Ant2 Emission



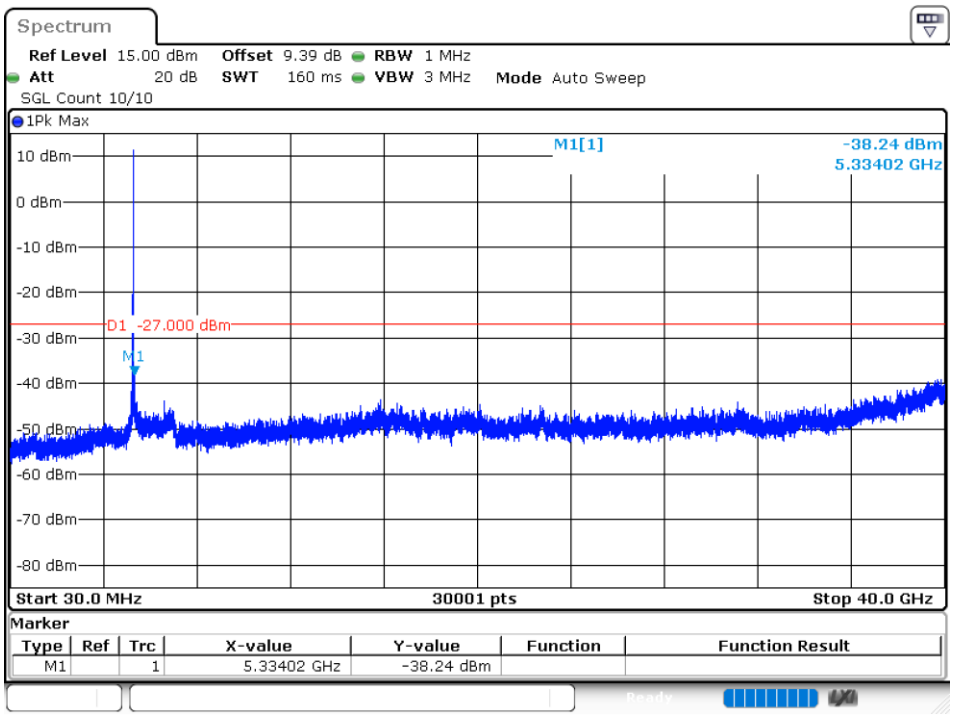
Tx. Spurious NVNT a 5320MHz Ant2 Emission



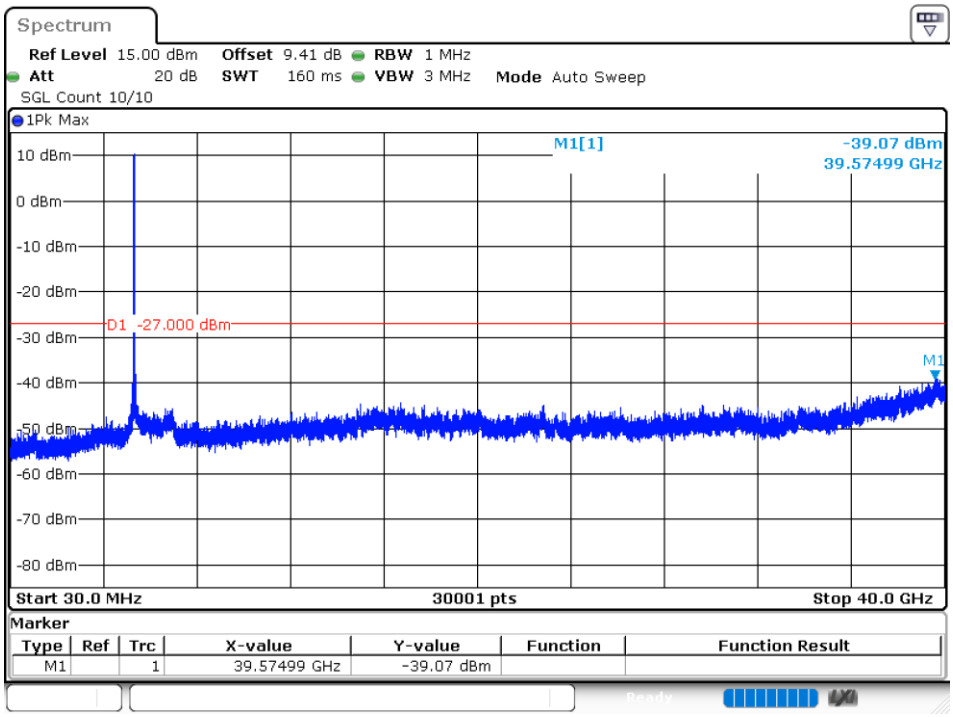
Tx. Spurious NVNT n20 5260MHz Ant1 Emission



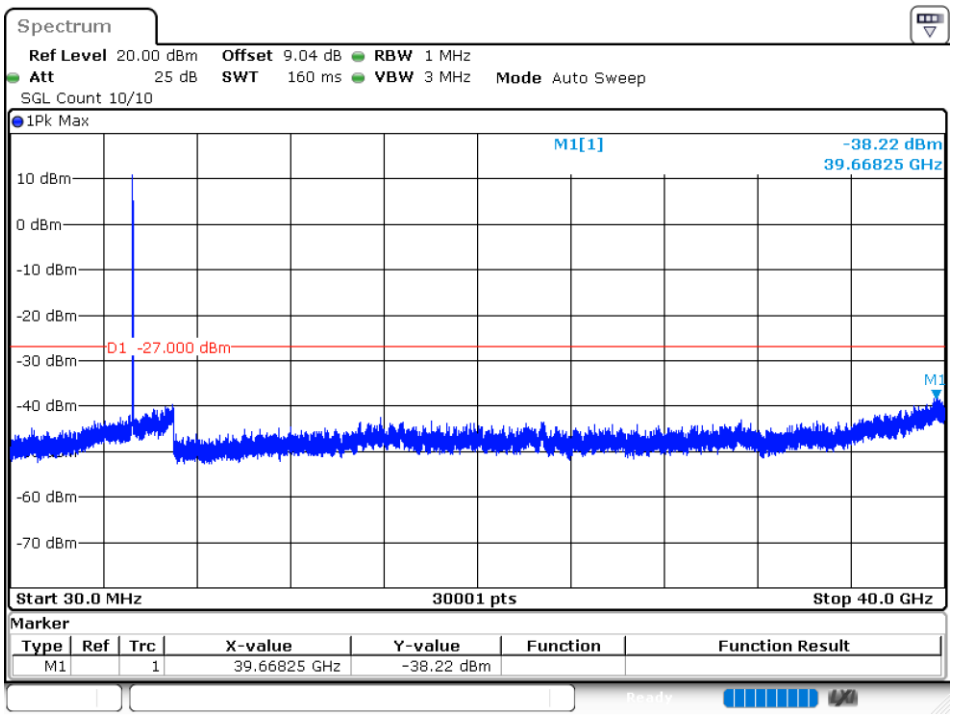
Tx. Spurious NVNT n20 5280MHz Ant1 Emission



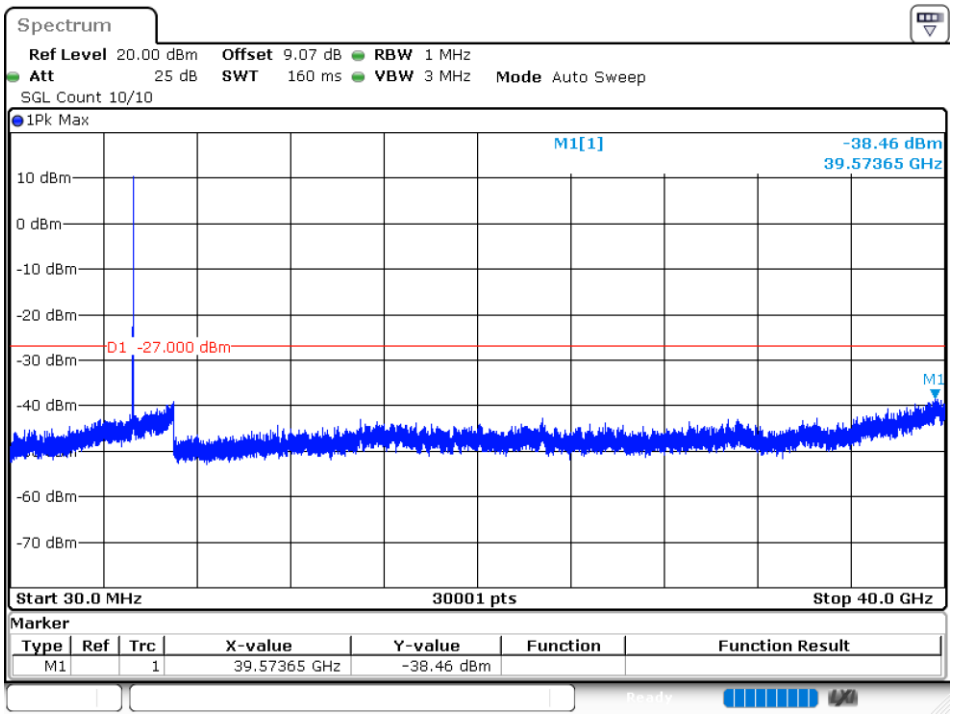
Tx. Spurious NVNT n20 5320MHz Ant1 Emission



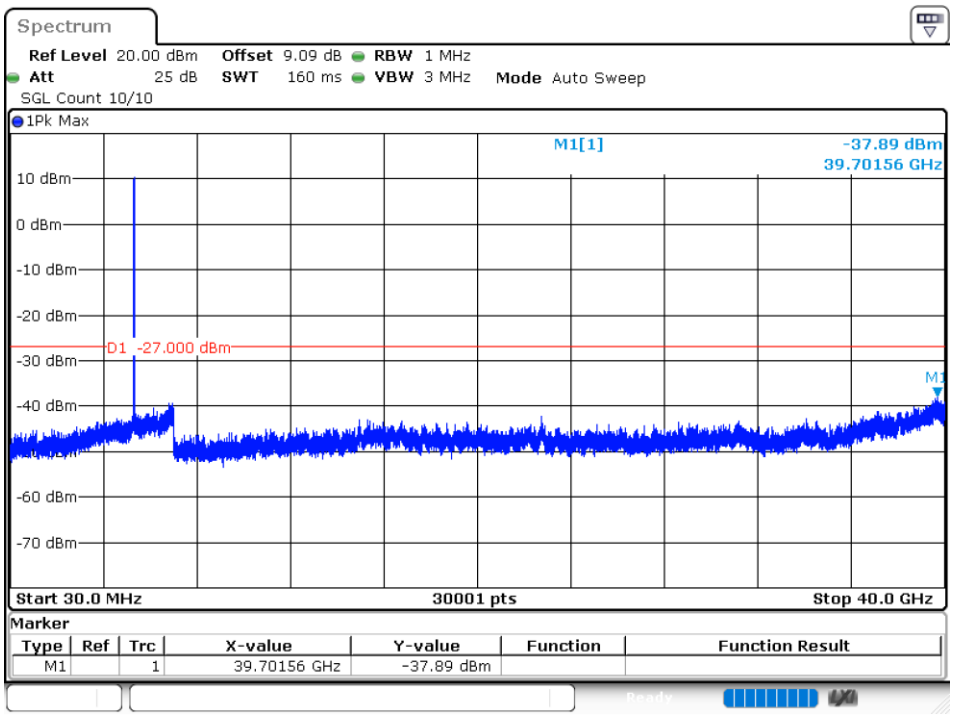
Tx. Spurious NVNT n20 5260MHz Ant2 Emission



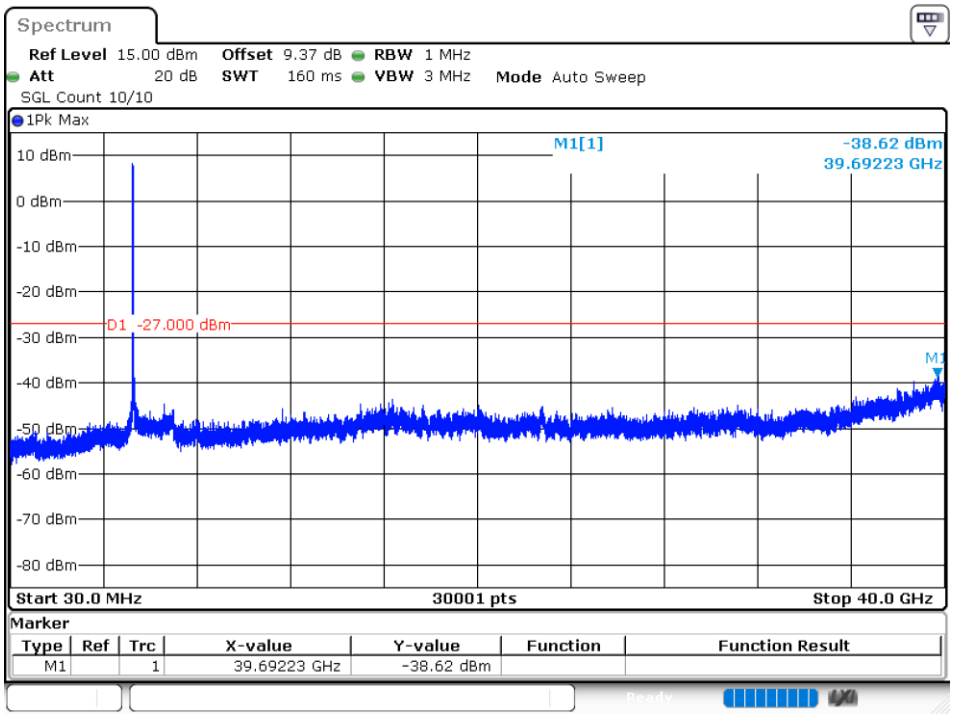
Tx. Spurious NVNT n20 5280MHz Ant2 Emission



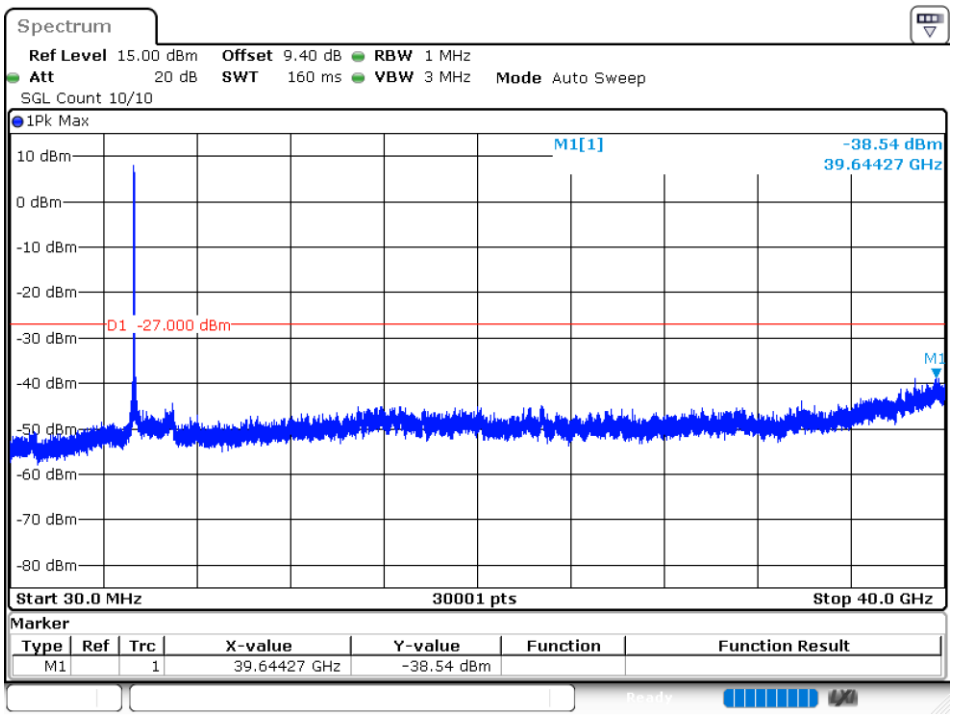
Tx. Spurious NVNT n20 5320MHz Ant2 Emission



Tx. Spurious NVNT n40 5270MHz Ant1 Emission



Tx. Spurious NVNT n40 5310MHz Ant1 Emission



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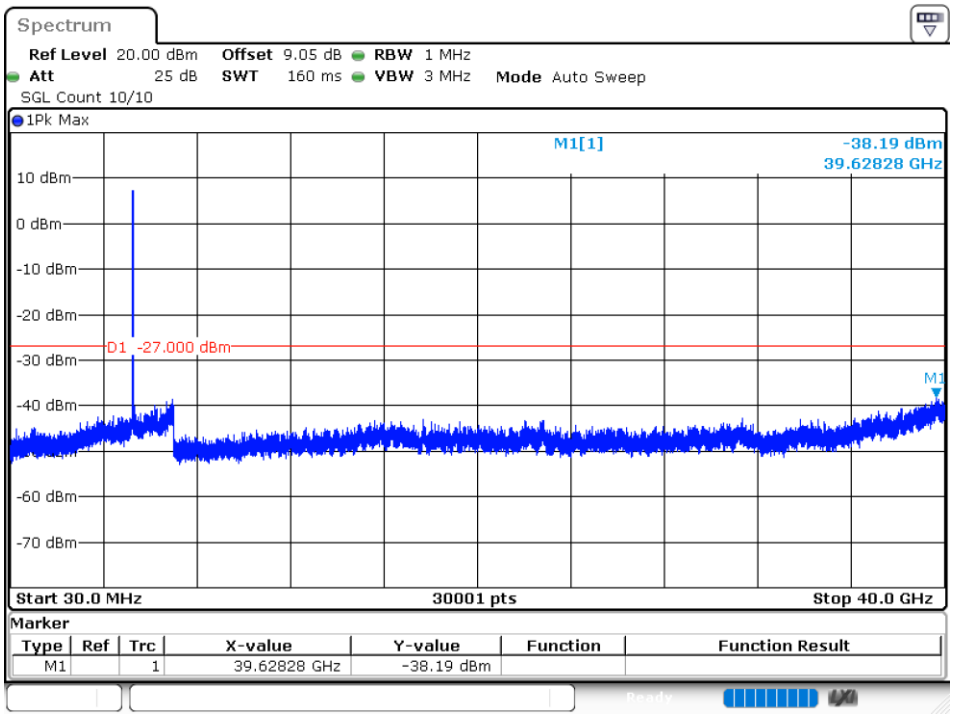
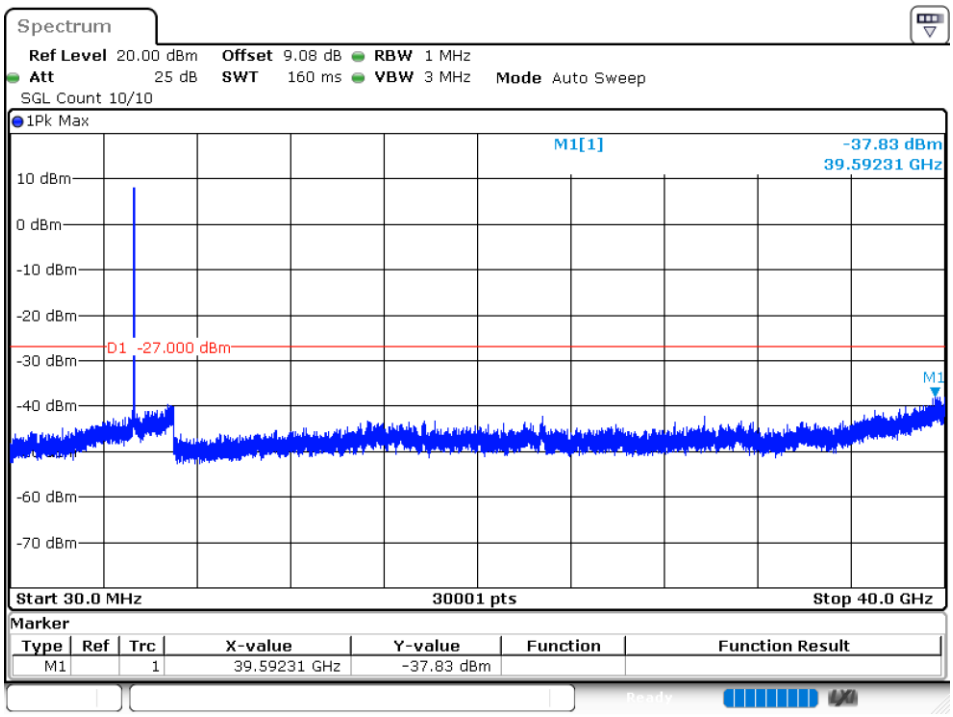
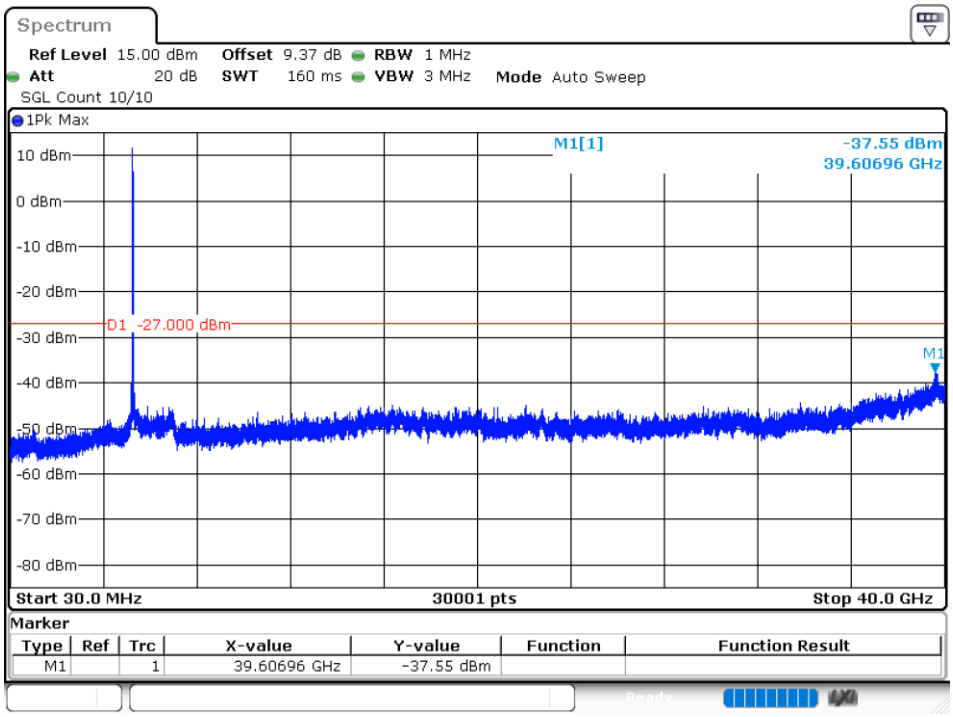


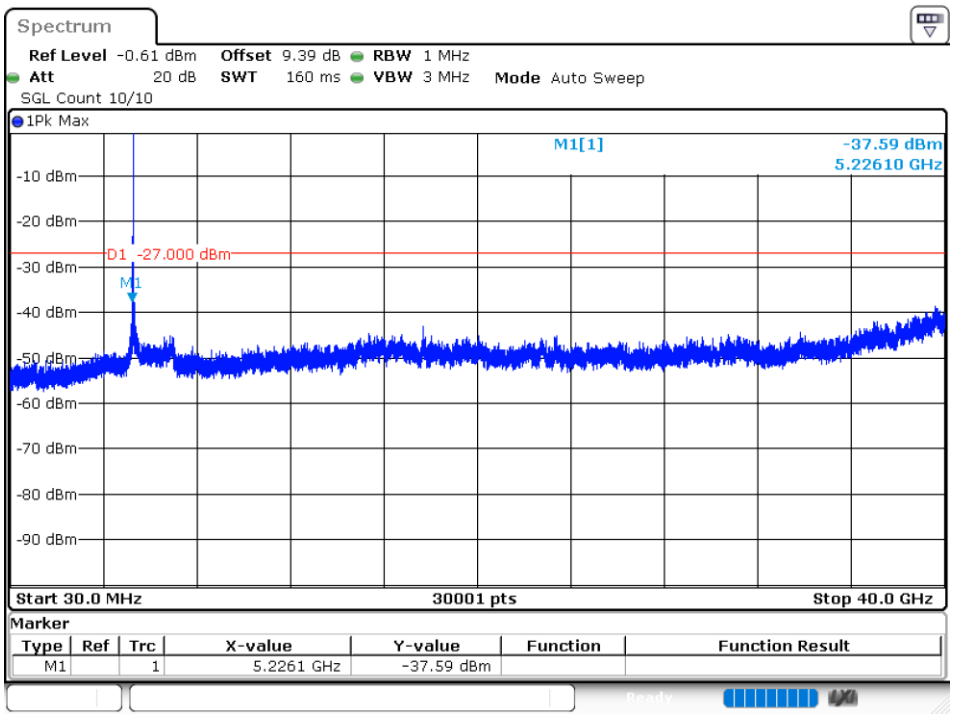
Tx. Spurious NVNT n40 5310MHz Ant2 Emission



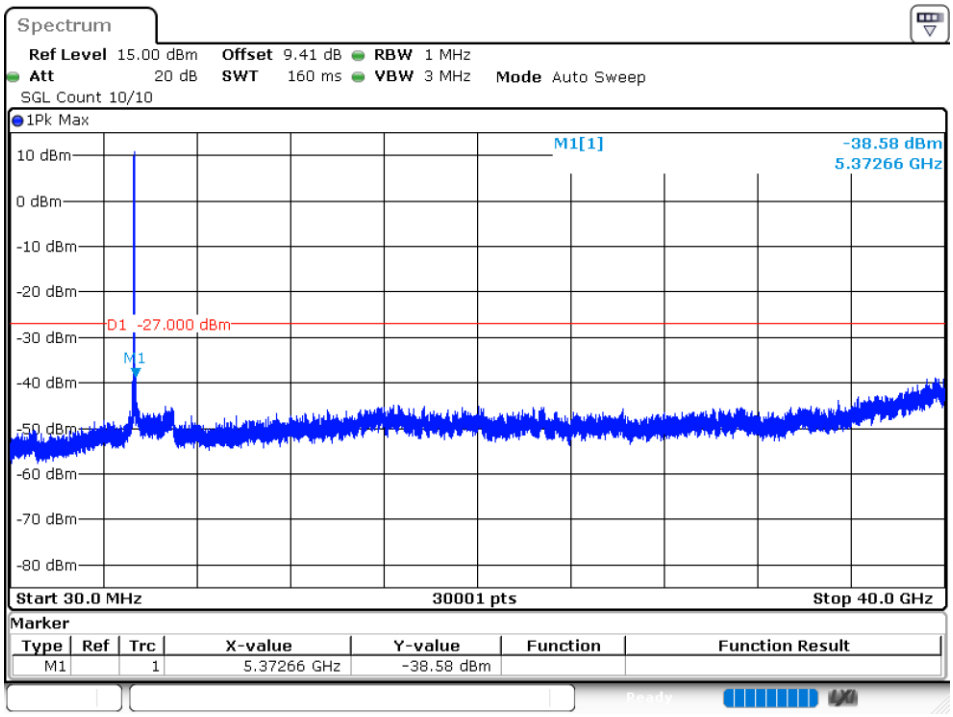
Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



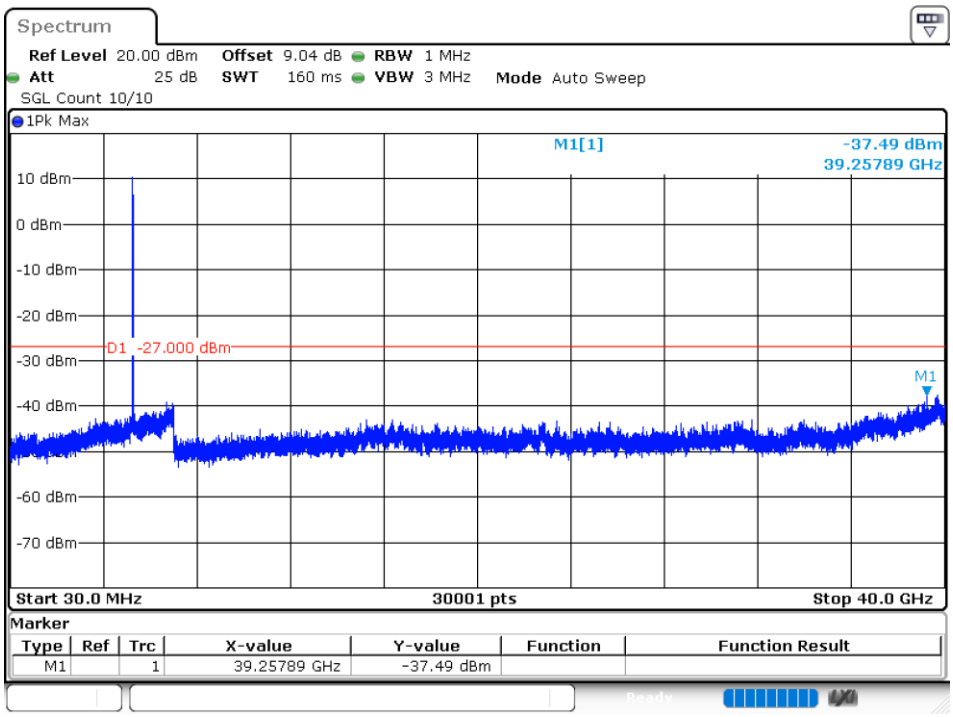
Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



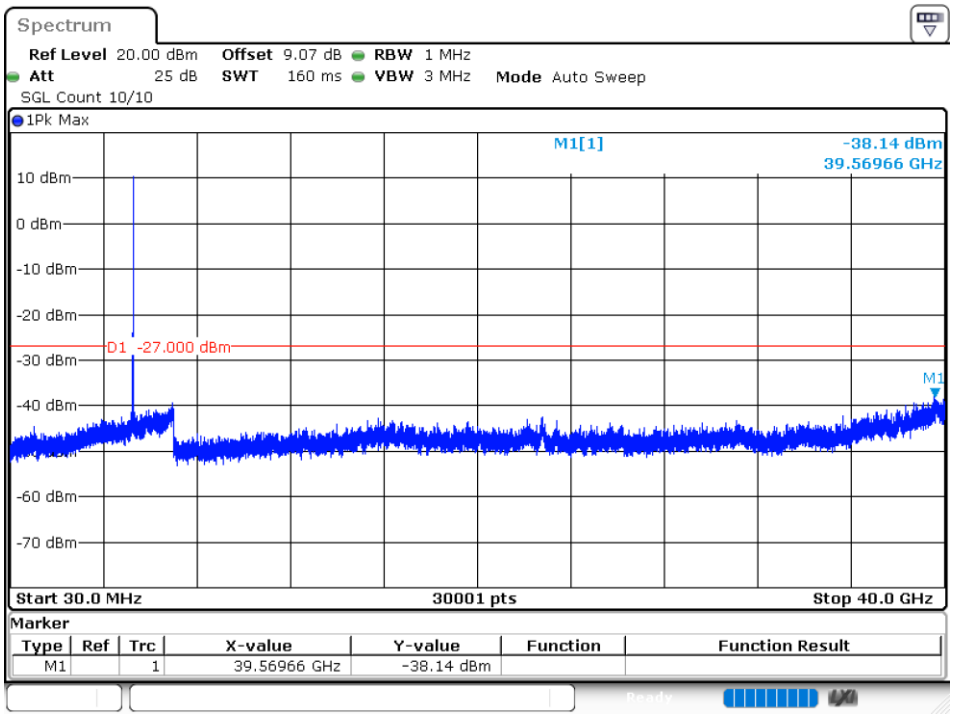
Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



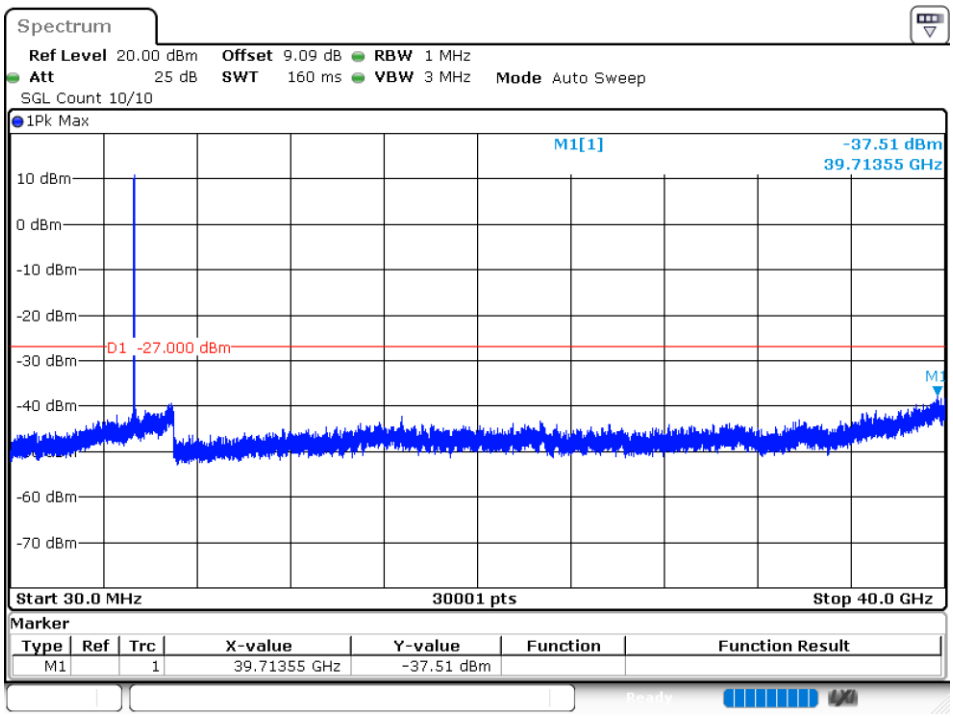
Tx. Spurious NVNT ac20 5260MHz Ant2 Emission



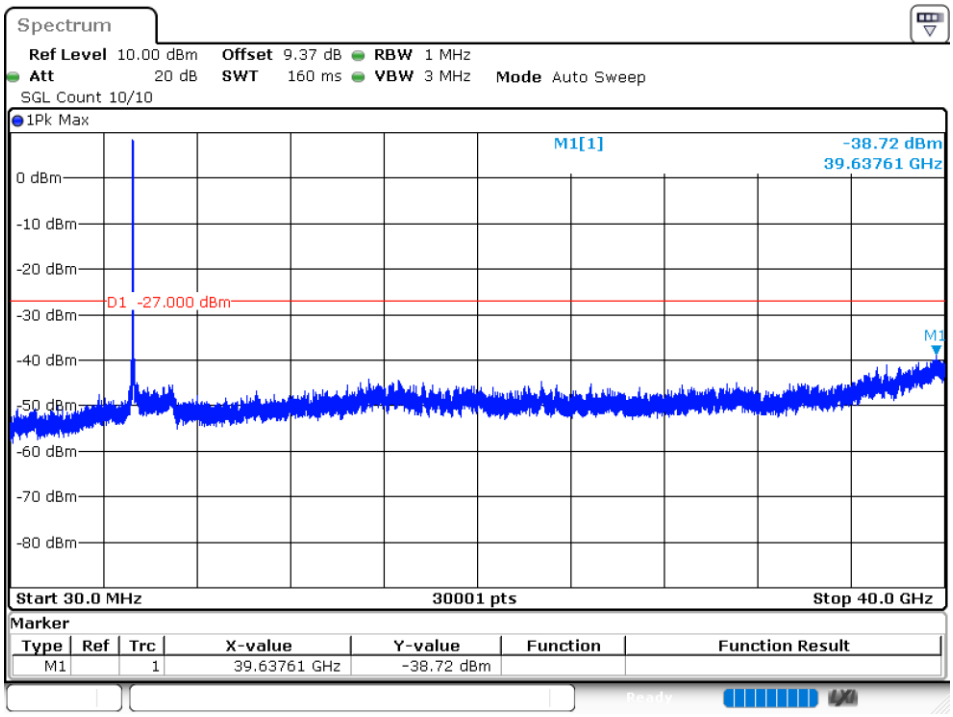
Tx. Spurious NVNT ac20 5280MHz Ant2 Emission



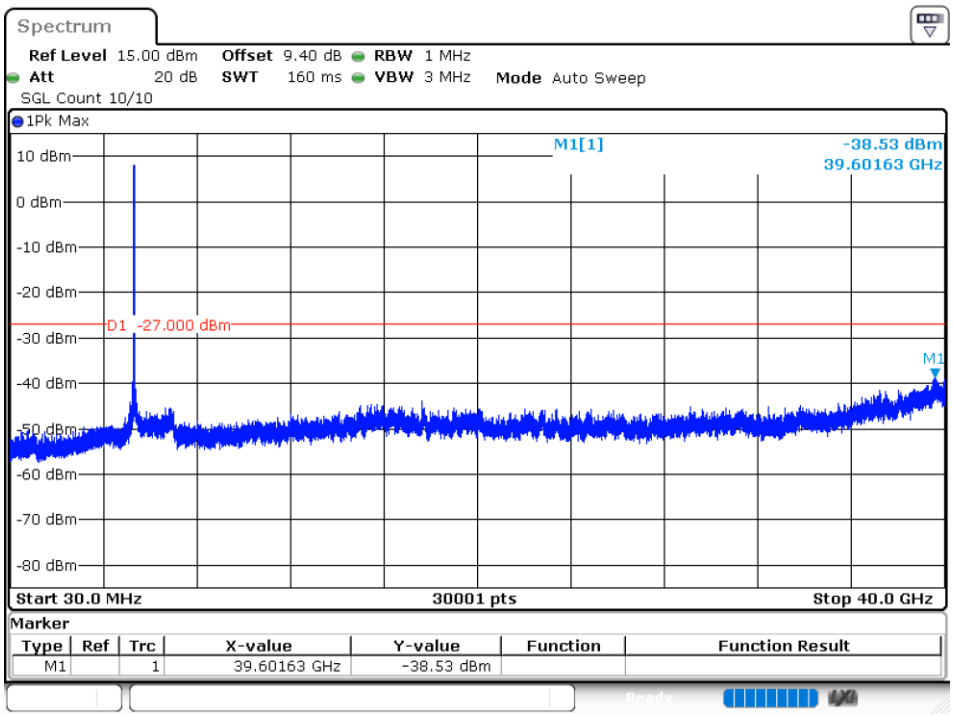
Tx. Spurious NVNT ac20 5320MHz Ant2 Emission



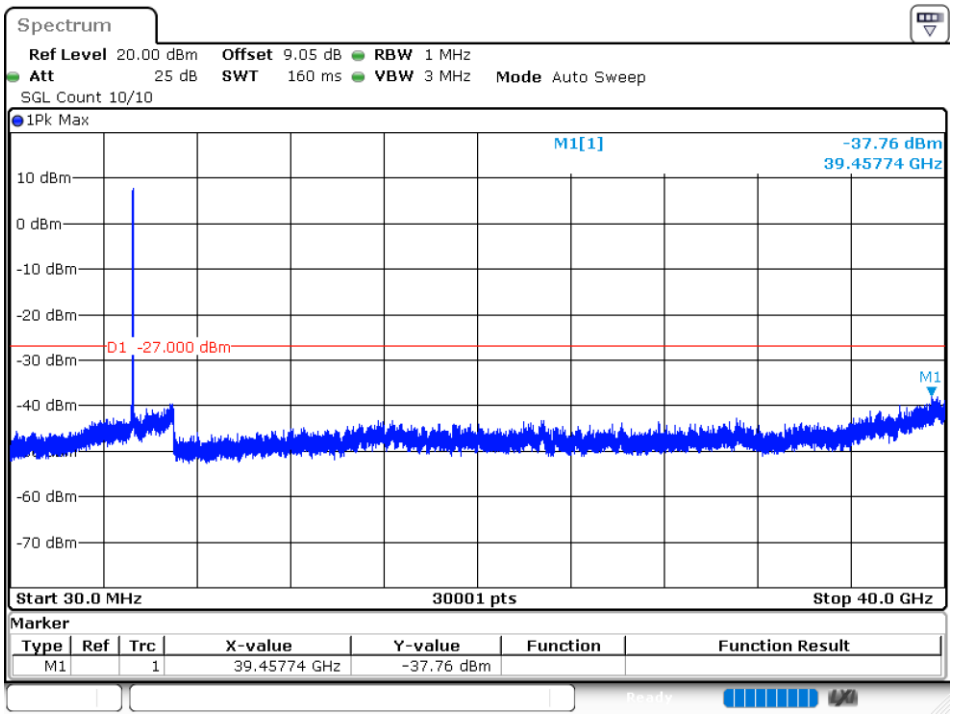
Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



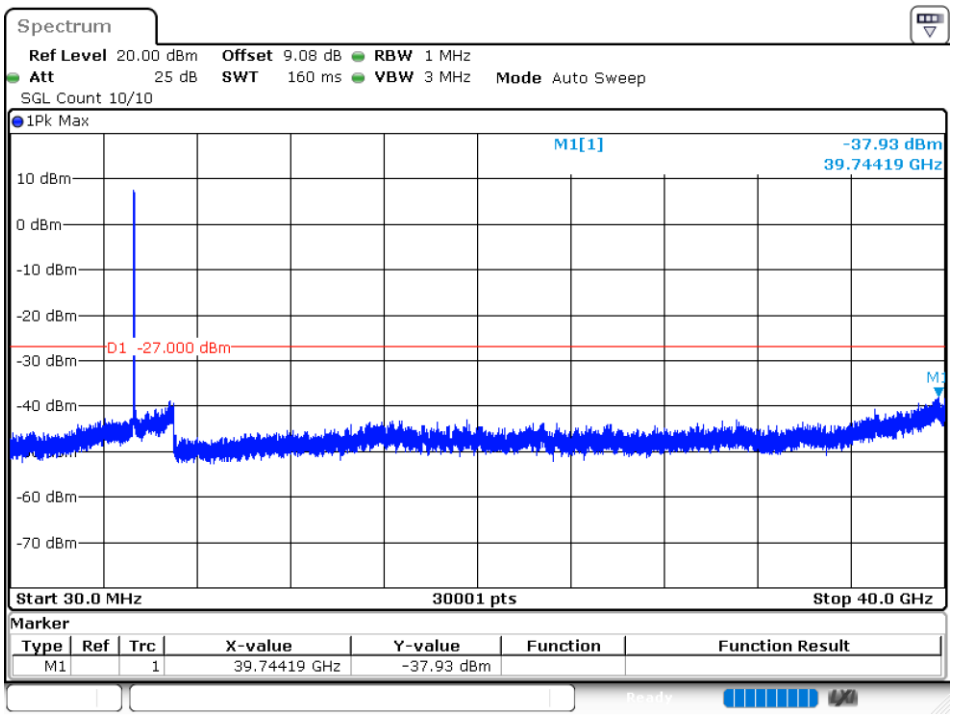
Tx. Spurious NVNT ac40 5310MHz Ant1 Emission



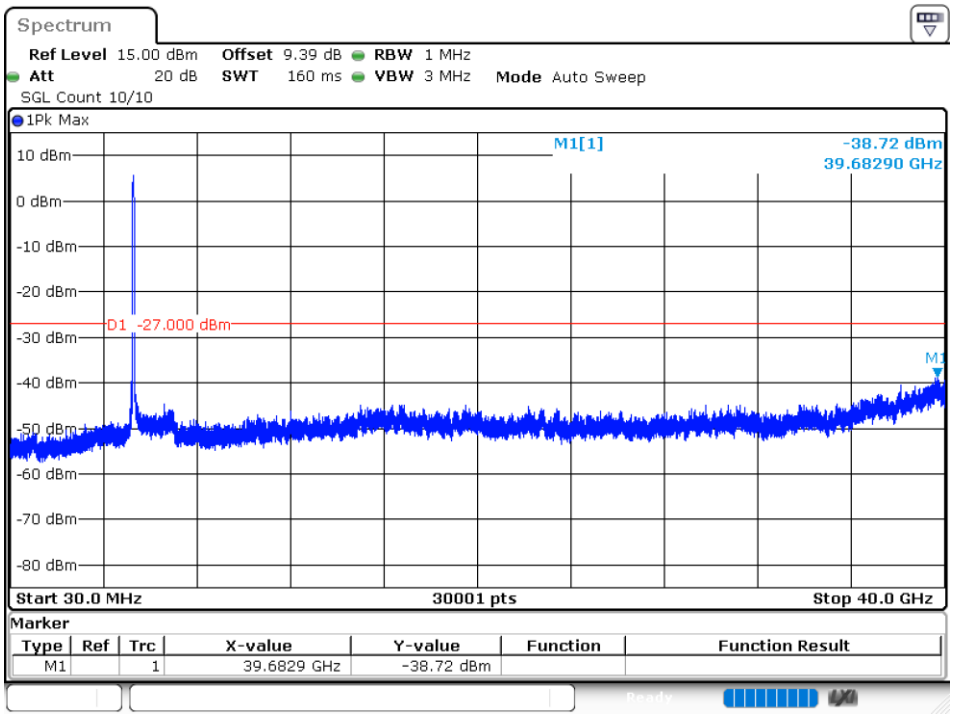
Tx. Spurious NVNT ac40 5270MHz Ant2 Emission



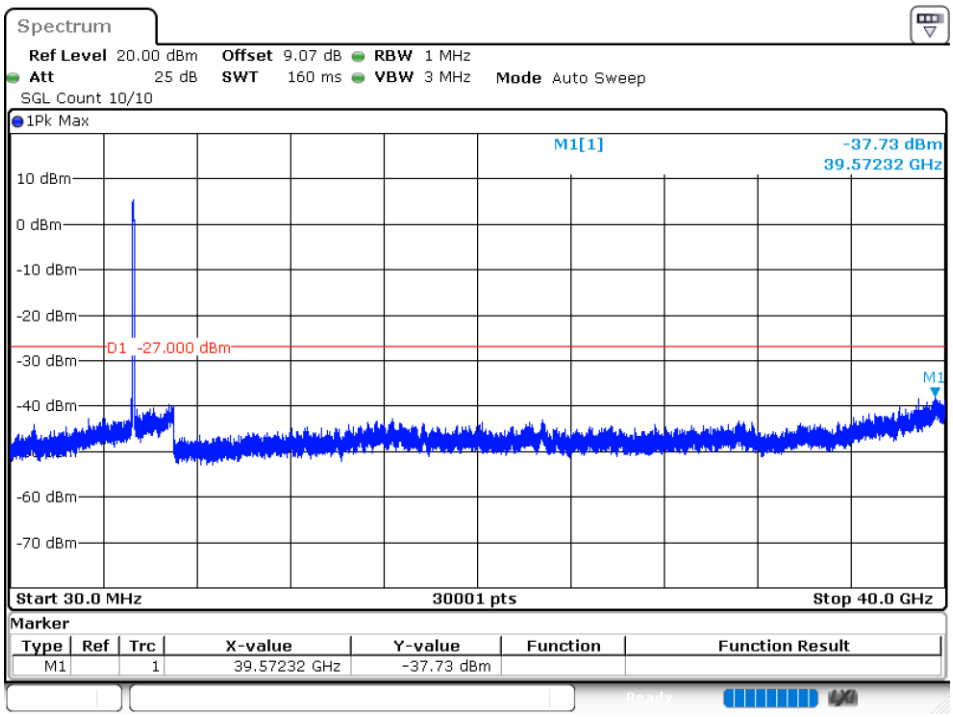
Tx. Spurious NVNT ac40 5310MHz Ant2 Emission



Tx. Spurious NVNT ac80 5290MHz Ant1 Emission



Tx. Spurious NVNT ac80 5290MHz Ant2 Emission



5.6G WIFI

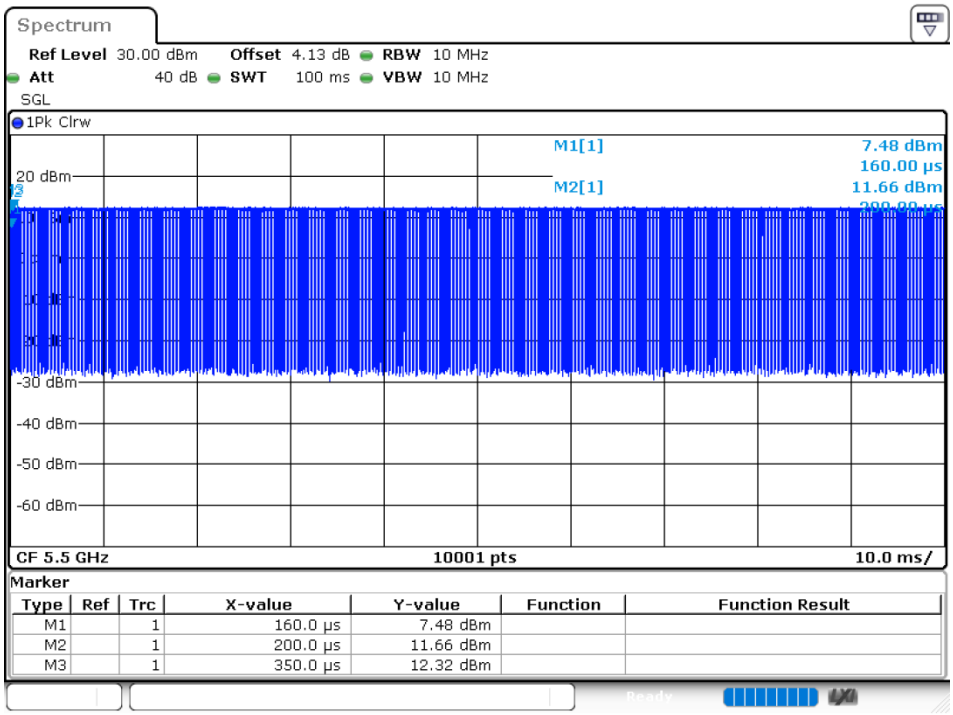
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	81.15	0.91	6.67
NVNT	a	5600	Ant1	81.07	0.91	6.67
NVNT	a	5700	Ant1	81.18	0.91	6.67
NVNT	a	5500	Ant2	81.27	0.9	6.67
NVNT	a	5600	Ant2	81.28	0.9	6.67
NVNT	a	5700	Ant2	81.21	0.9	6.67
NVNT	n20	5500	Ant1	83.41	0.79	5.56
NVNT	n20	5600	Ant1	83.21	0.8	5.88
NVNT	n20	5700	Ant1	83.16	0.8	5.88
NVNT	n20	5500	Ant2	83.55	0.78	5.56
NVNT	n20	5600	Ant2	83.27	0.8	5.88
NVNT	n20	5700	Ant2	83.28	0.79	5.56
NVNT	n40	5510	Ant1	83.64	0.78	5.56
NVNT	n40	5590	Ant1	83.58	0.78	5.56
NVNT	n40	5670	Ant1	83.6	0.78	5.56
NVNT	n40	5510	Ant2	83.74	0.77	5.56
NVNT	n40	5590	Ant2	83.65	0.78	5.56
NVNT	n40	5670	Ant2	83.64	0.78	5.56
NVNT	ac20	5500	Ant1	82.42	0.84	6.25
NVNT	ac20	5600	Ant1	82.37	0.84	6.25
NVNT	ac20	5700	Ant1	82.42	0.84	6.25
NVNT	ac20	5500	Ant2	82.64	0.83	6.25
NVNT	ac20	5600	Ant2	82.47	0.84	6.25
NVNT	ac20	5700	Ant2	82.48	0.84	6.25
NVNT	ac40	5510	Ant1	81.79	0.87	6.25
NVNT	ac40	5590	Ant1	81.74	0.88	6.25
NVNT	ac40	5670	Ant1	81.73	0.88	6.67
NVNT	ac40	5510	Ant2	81.89	0.87	6.25
NVNT	ac40	5590	Ant2	81.82	0.87	6.67
NVNT	ac40	5670	Ant2	81.8	0.87	6.67
NVNT	ac80	5530	Ant1	82.28	0.85	5.88

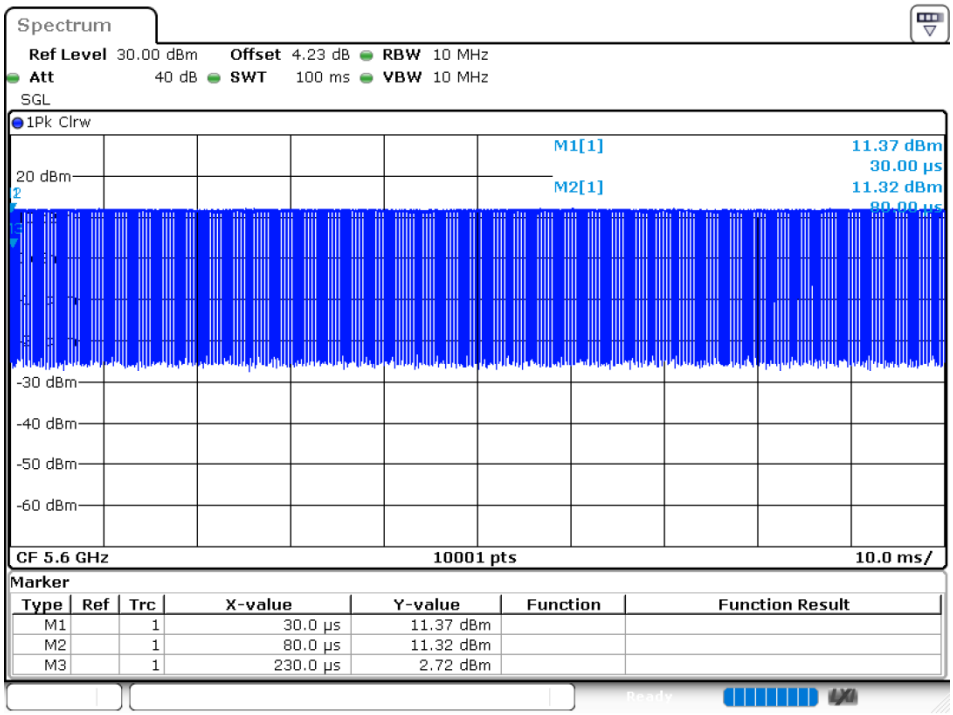
NVNT	ac80	5610	Ant1	82.33	0.84	5.88
NVNT	ac80	5530	Ant2	82.46	0.84	6.25
NVNT	ac80	5610	Ant2	82.41	0.84	6.25

Test Graphs

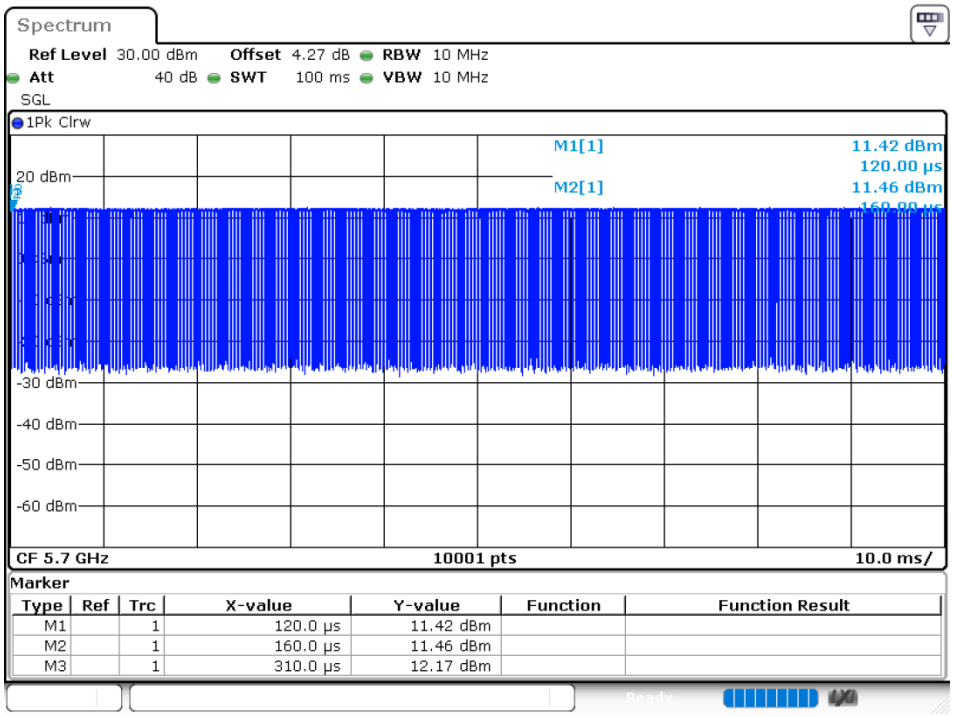
Duty Cycle NVNT a 5500MHz Ant1



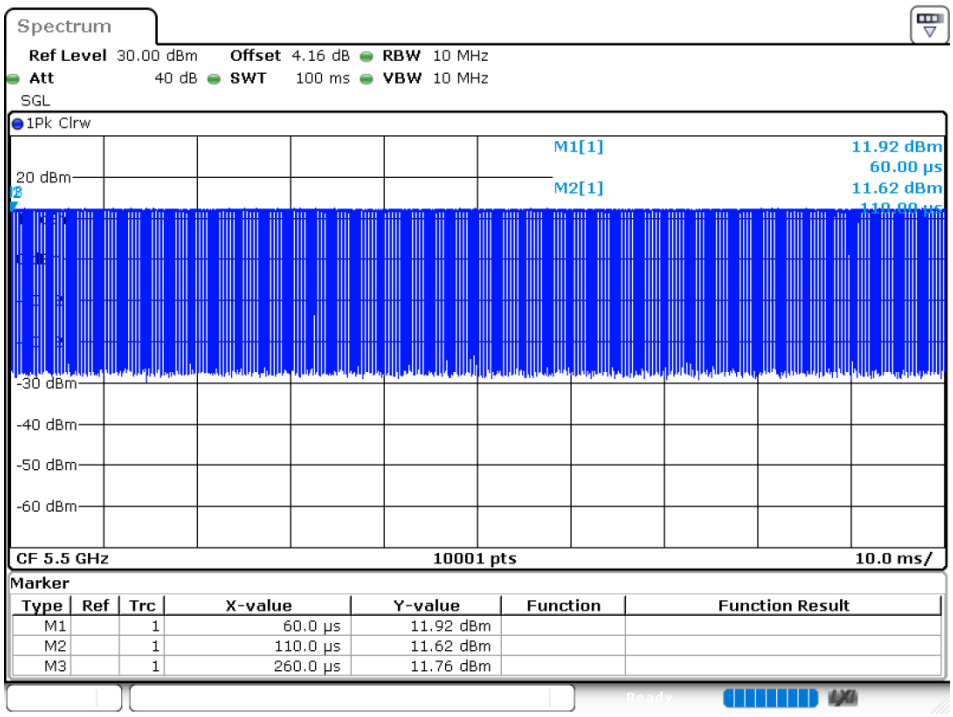
Duty Cycle NVNT a 5600MHz Ant1



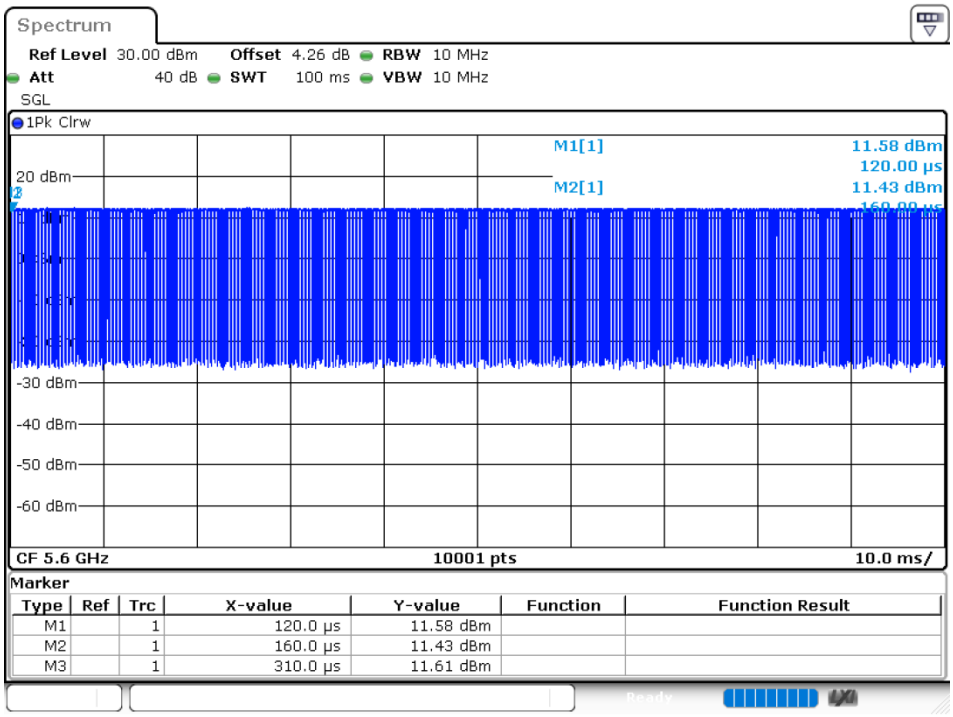
Duty Cycle NVNT a 5700MHz Ant1



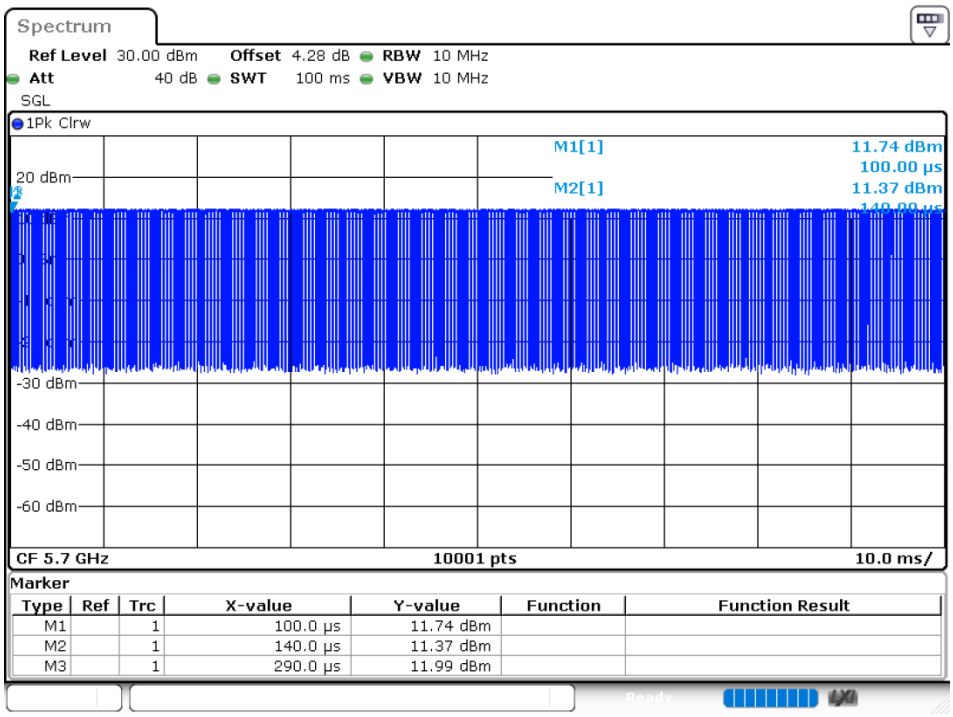
Duty Cycle NVNT a 5500MHz Ant2



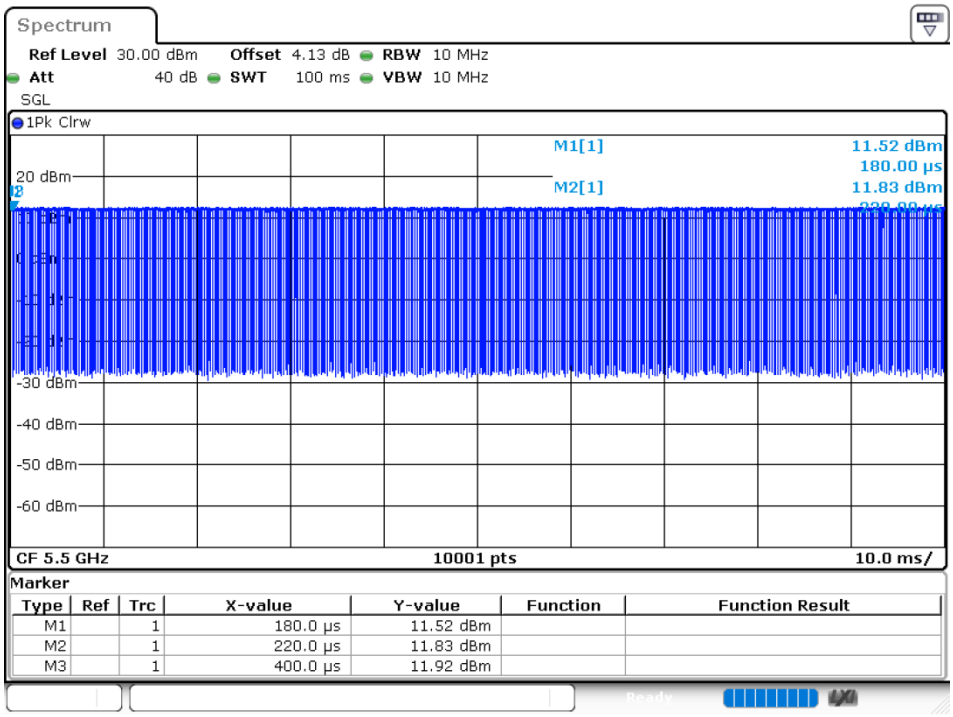
Duty Cycle NVNT a 5600MHz Ant2



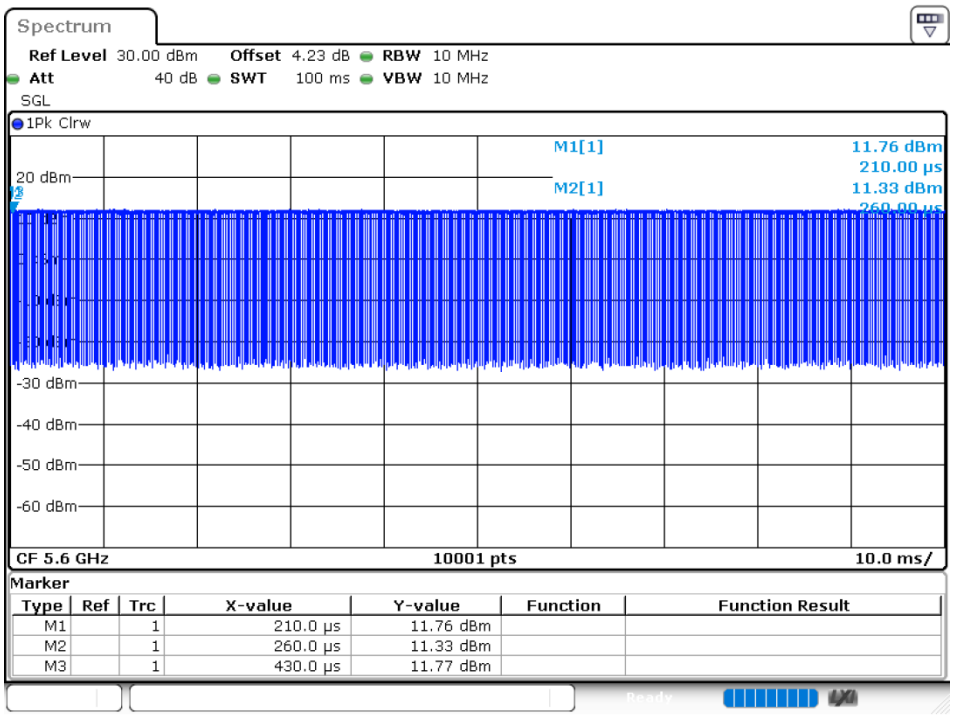
Duty Cycle NVNT a 5700MHz Ant2



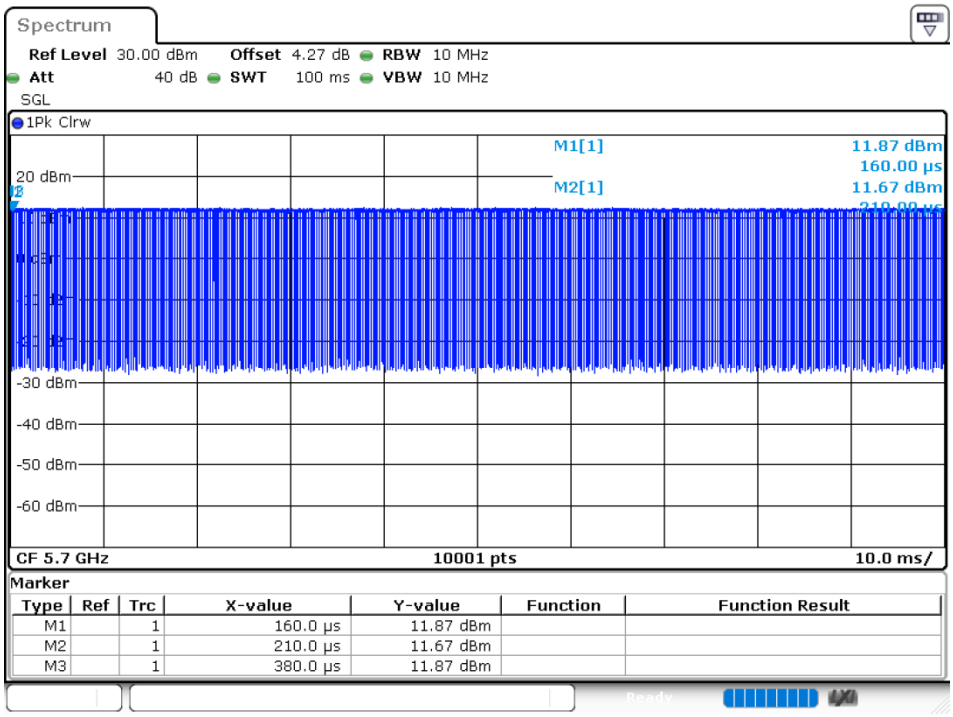
Duty Cycle NVNT n20 5500MHz Ant1



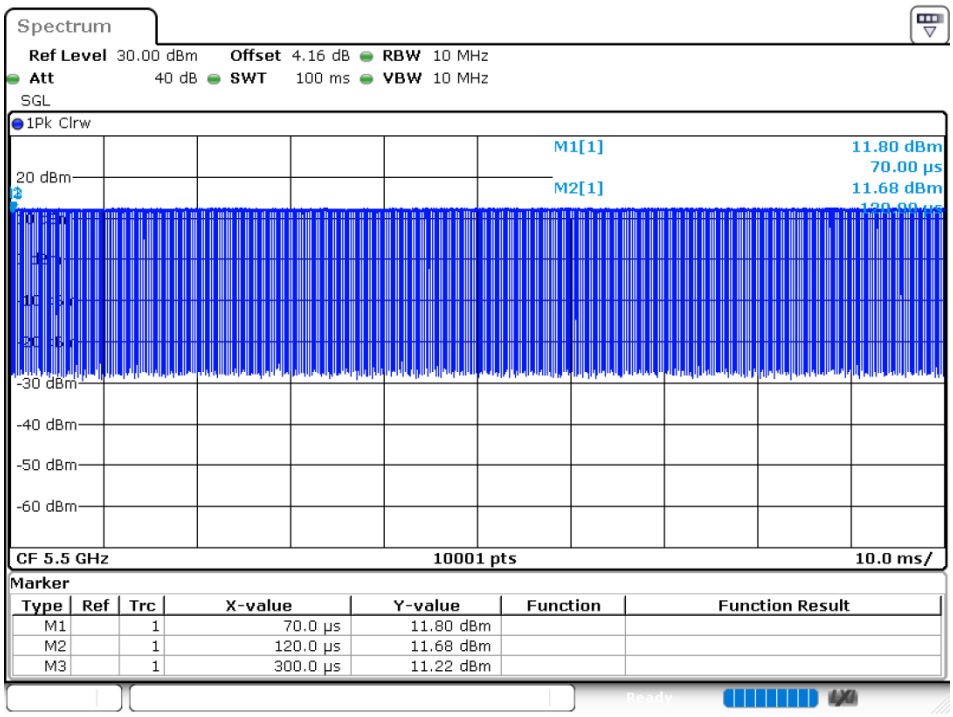
Duty Cycle NVNT n20 5600MHz Ant1



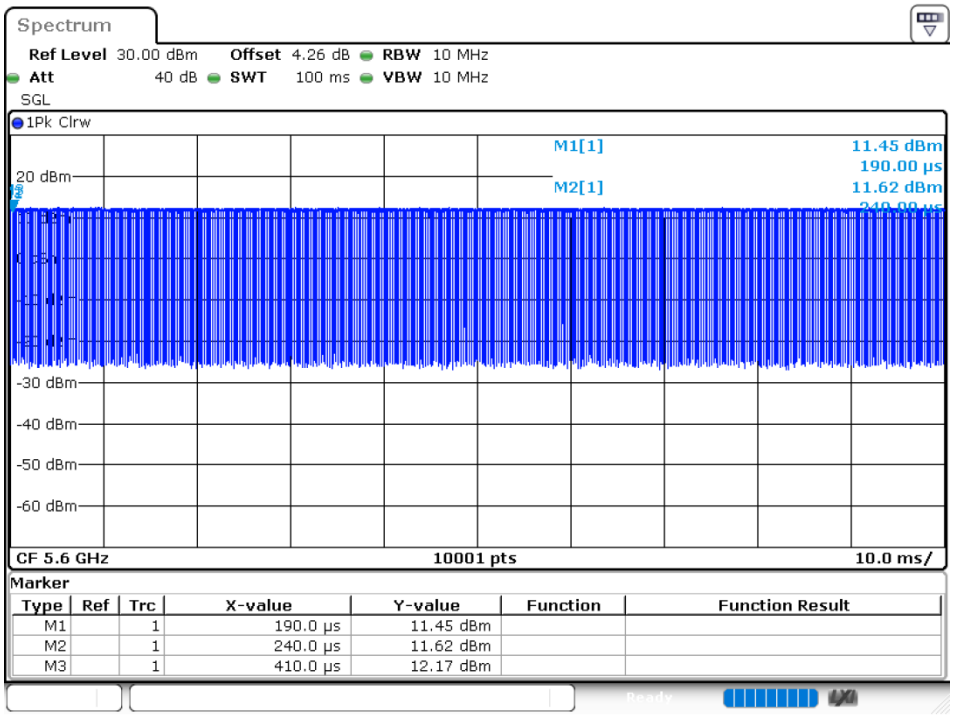
Duty Cycle NVNT n20 5700MHz Ant1



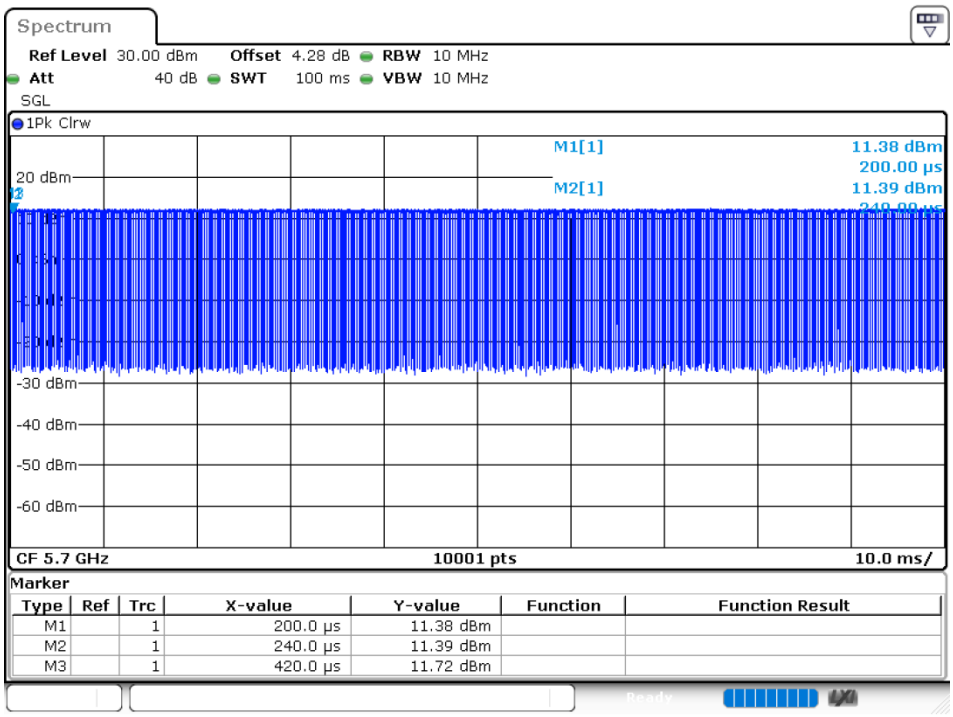
Duty Cycle NVNT n20 5500MHz Ant2



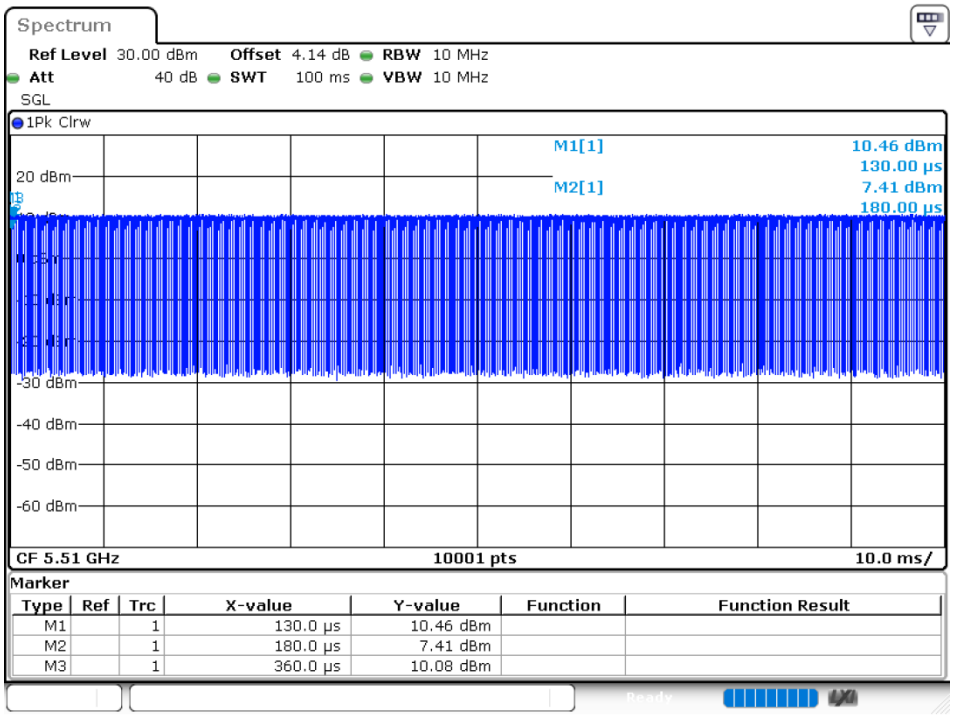
Duty Cycle NVNT n20 5600MHz Ant2



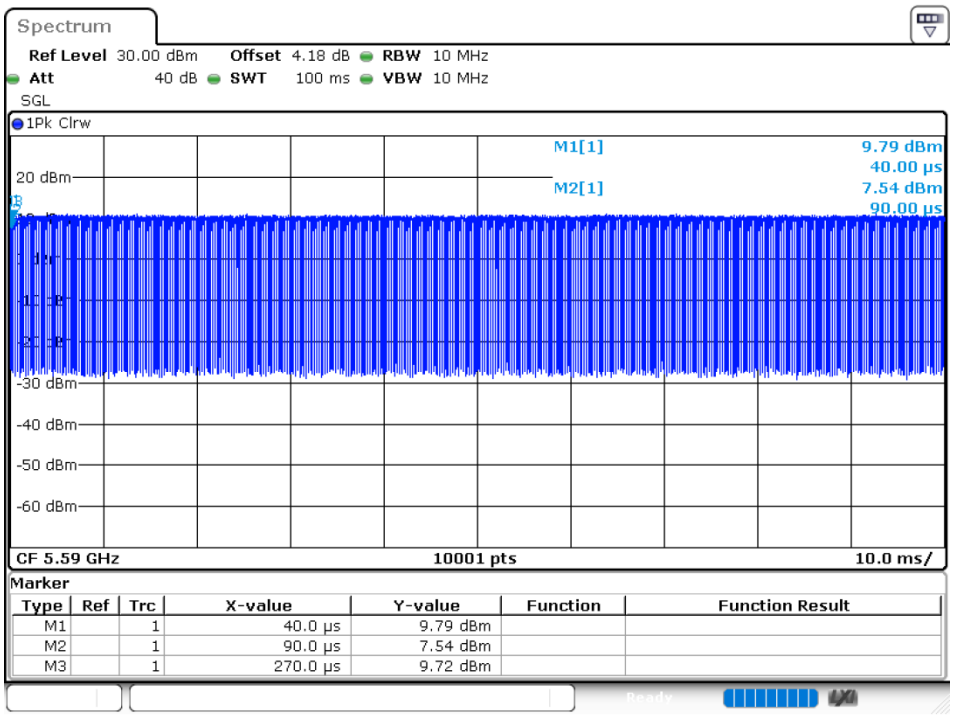
Duty Cycle NVNT n20 5700MHz Ant2



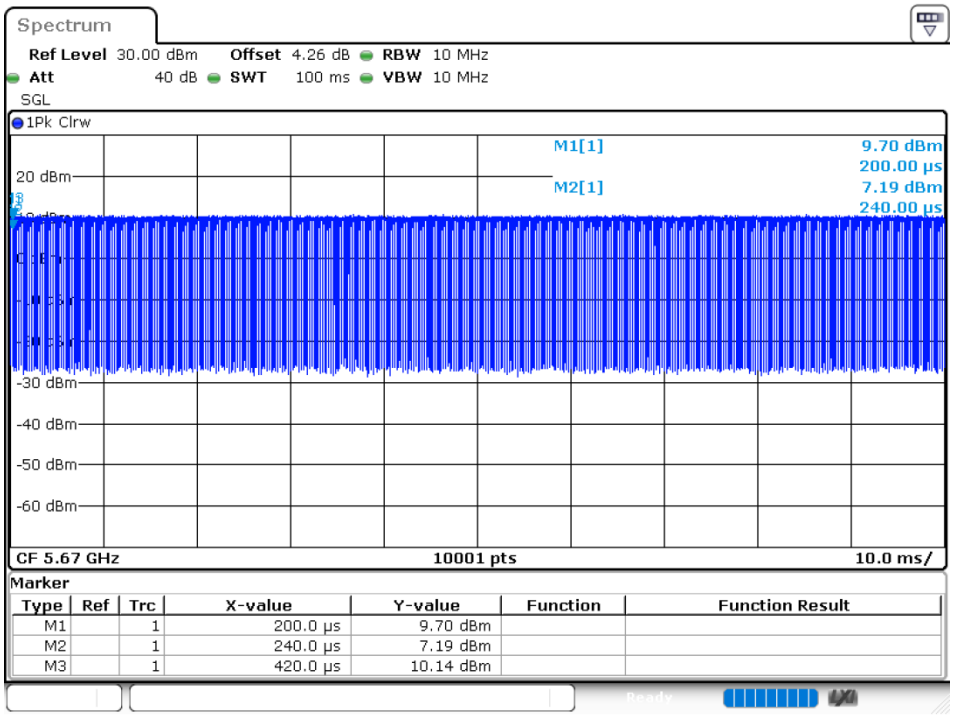
Duty Cycle NVNT n40 5510MHz Ant1



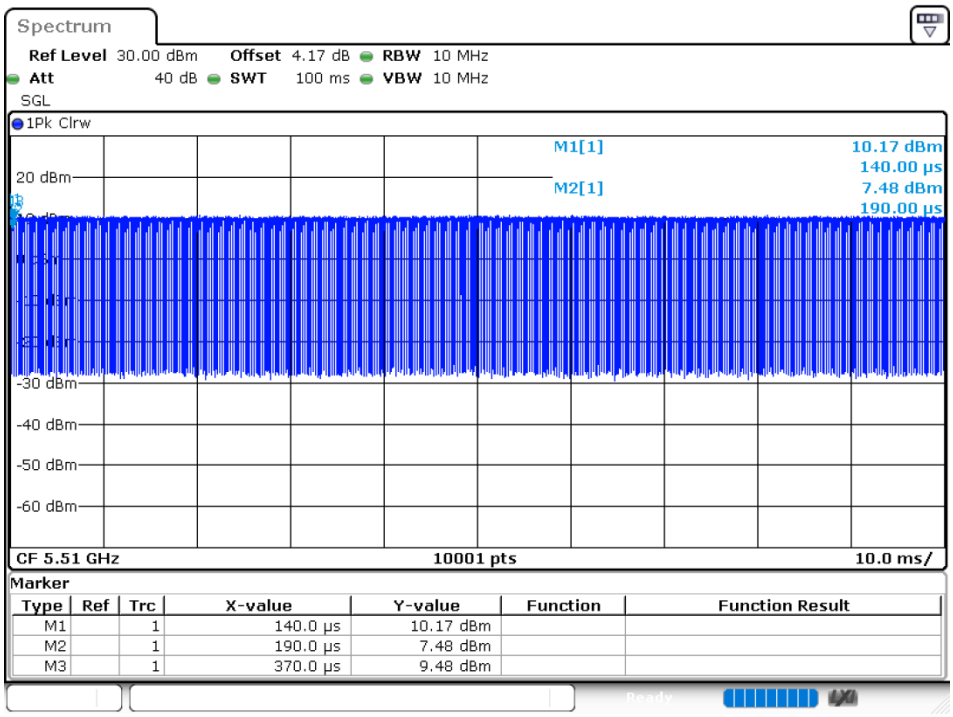
Duty Cycle NVNT n40 5590MHz Ant1



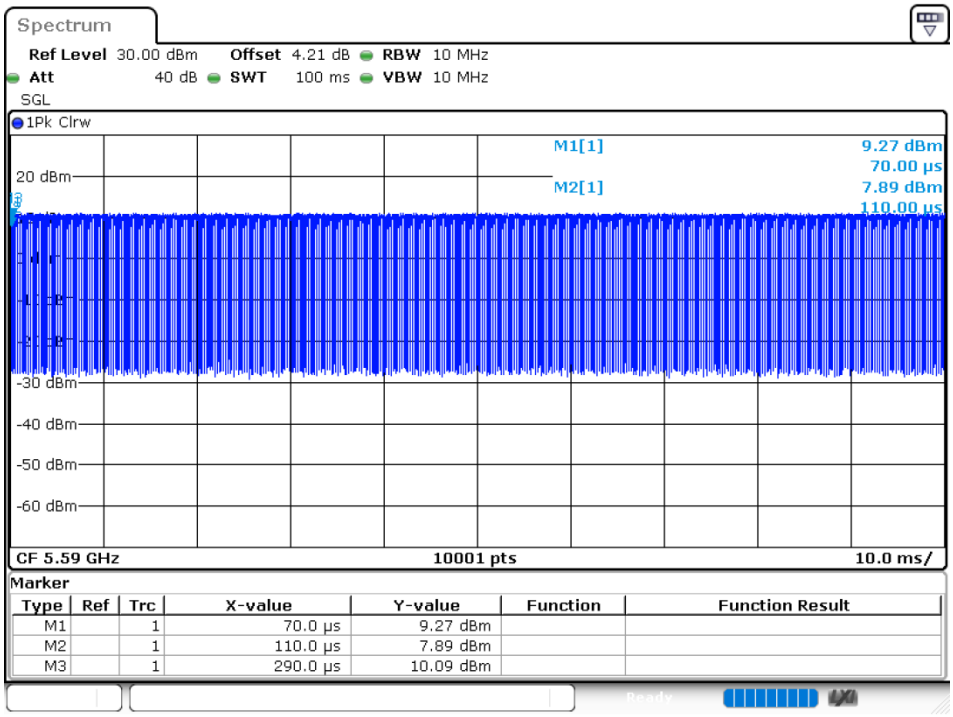
Duty Cycle NVNT n40 5670MHz Ant1



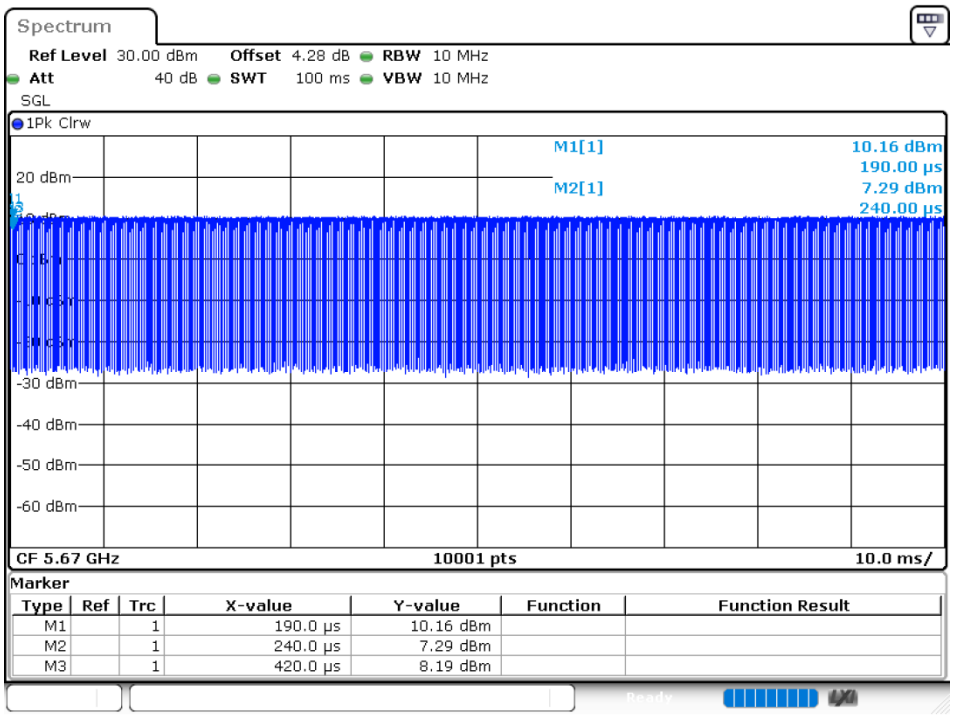
Duty Cycle NVNT n40 5510MHz Ant2



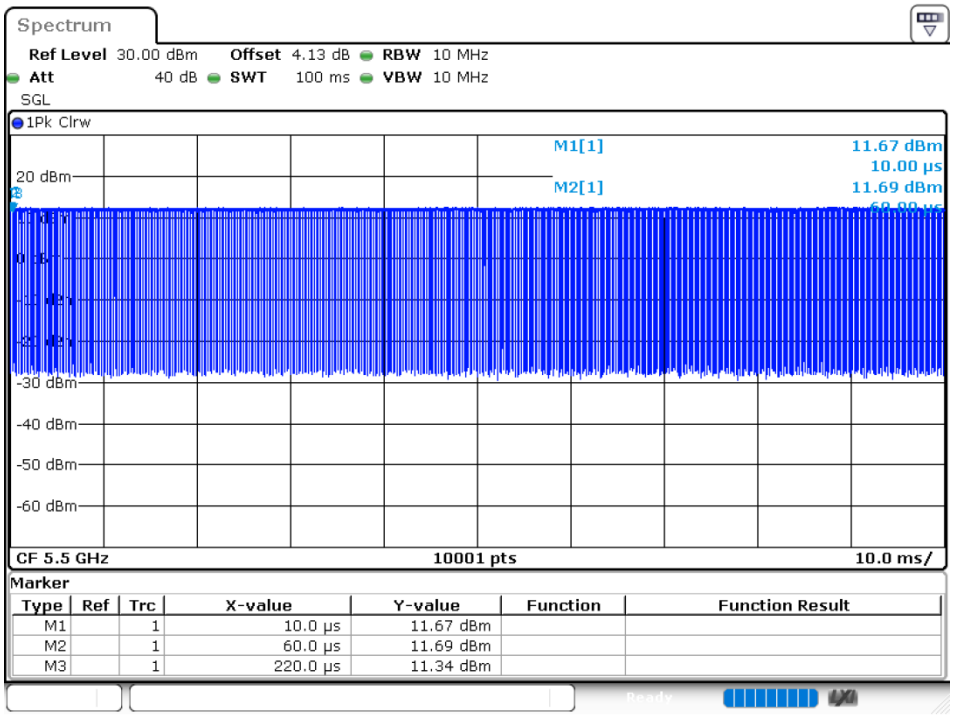
Duty Cycle NVNT n40 5590MHz Ant2



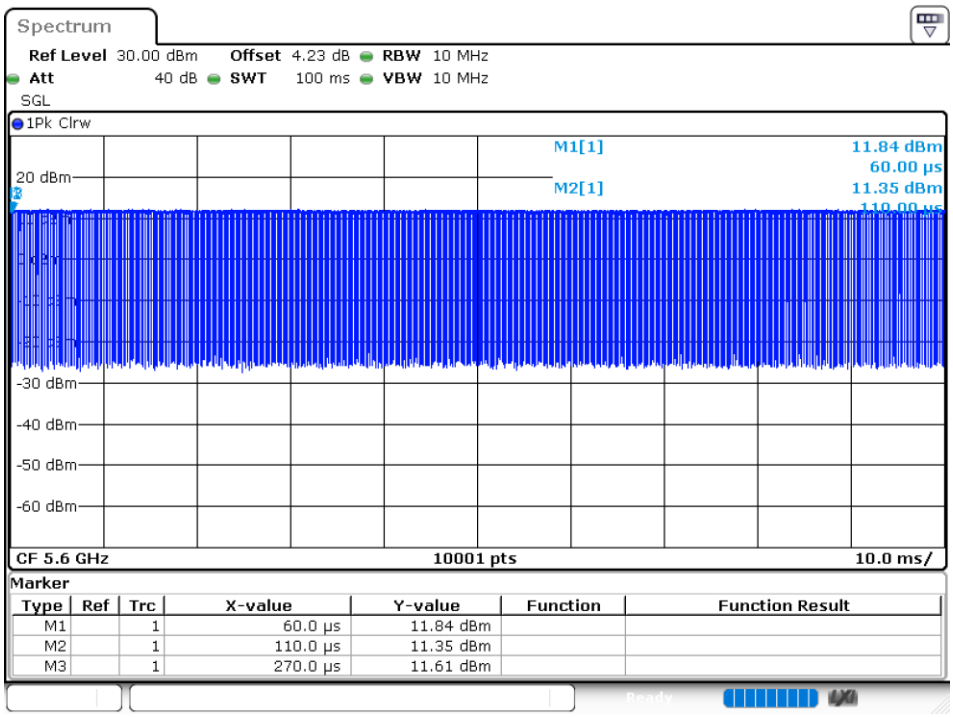
Duty Cycle NVNT n40 5670MHz Ant2



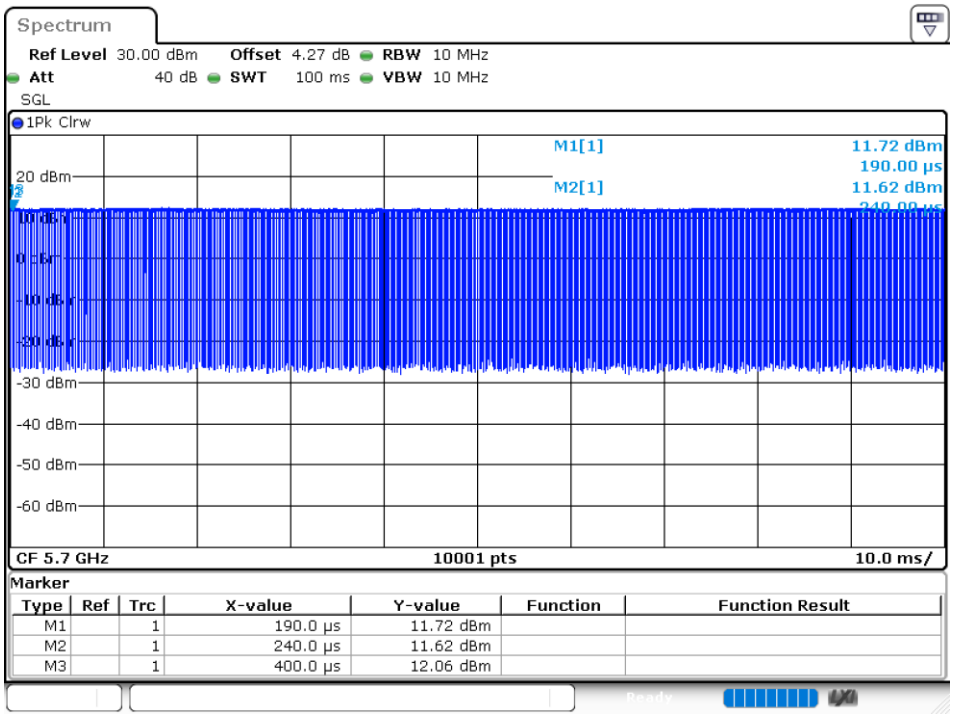
Duty Cycle NVNT ac20 5500MHz Ant1



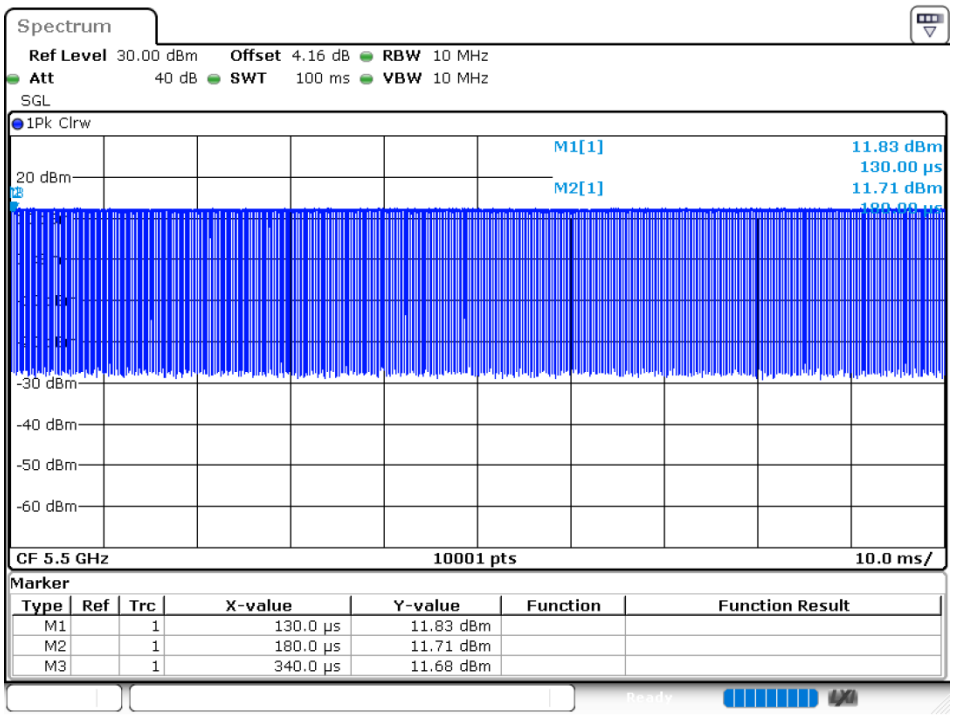
Duty Cycle NVNT ac20 5600MHz Ant1



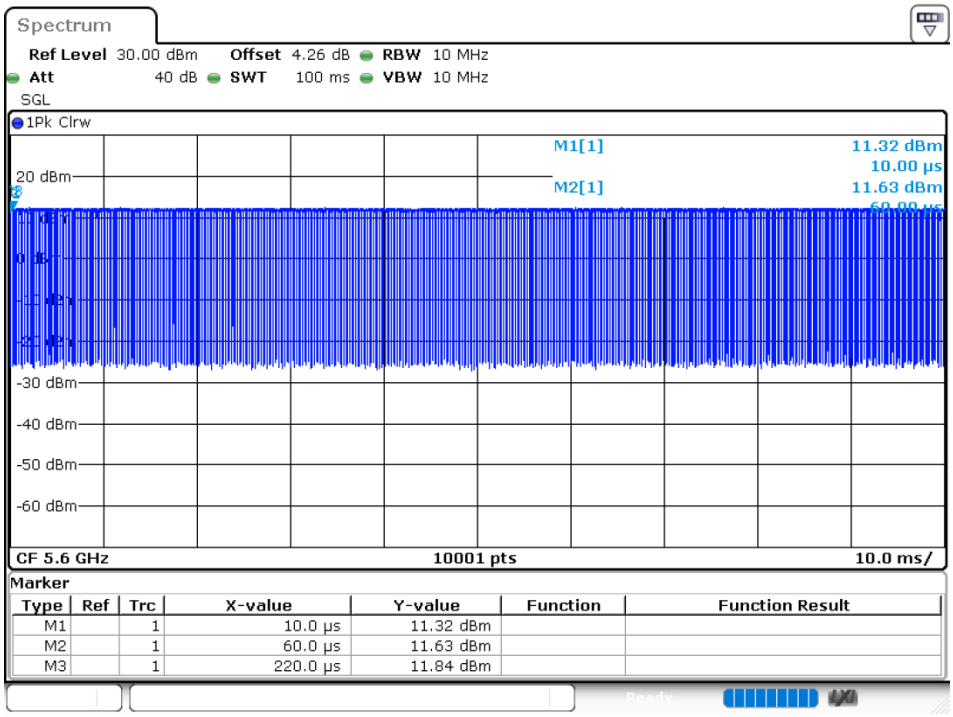
Duty Cycle NVNT ac20 5700MHz Ant1



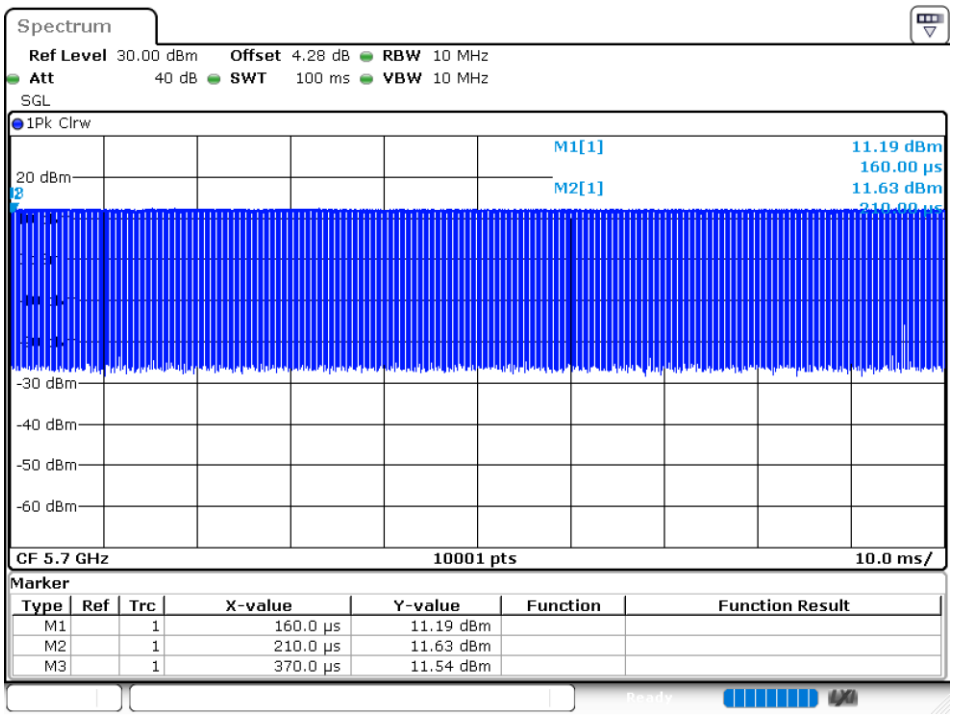
Duty Cycle NVNT ac20 5500MHz Ant2



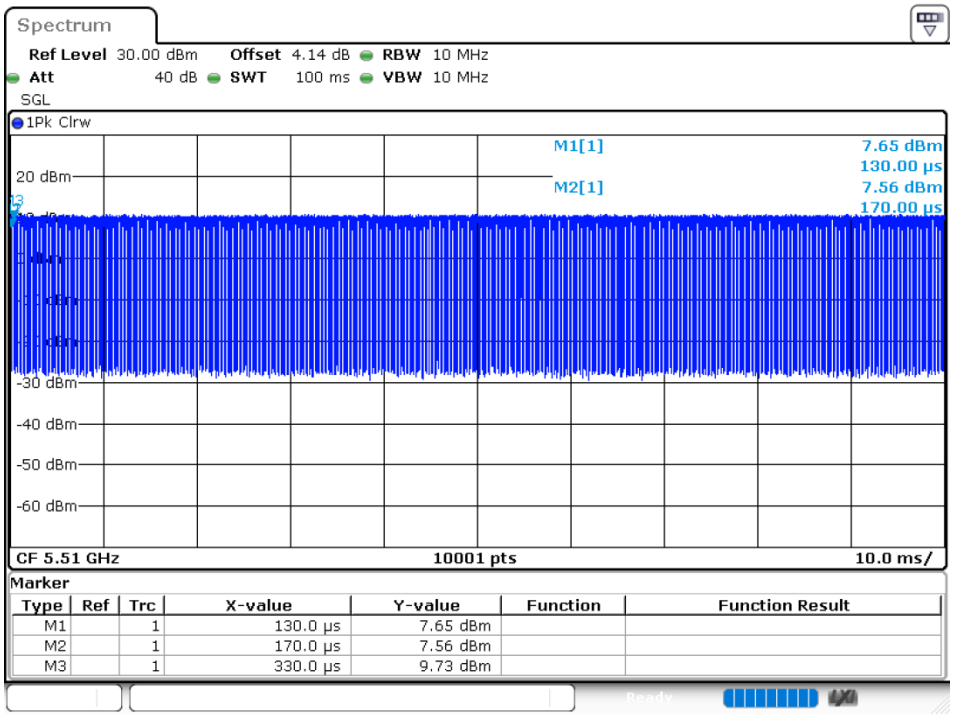
Duty Cycle NVNT ac20 5600MHz Ant2



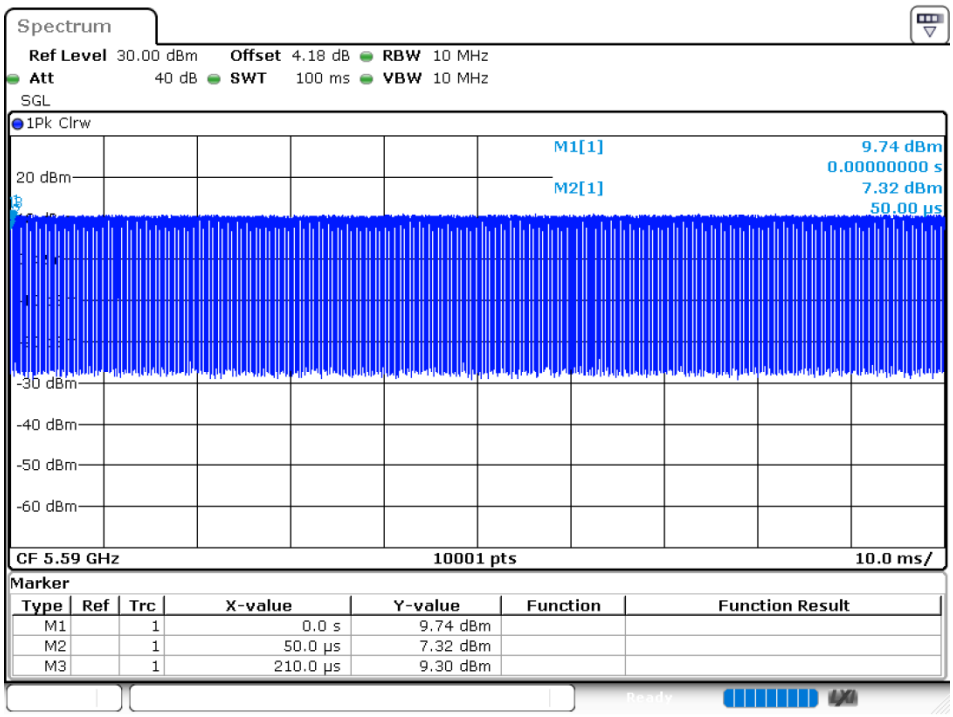
Duty Cycle NVNT ac20 5700MHz Ant2



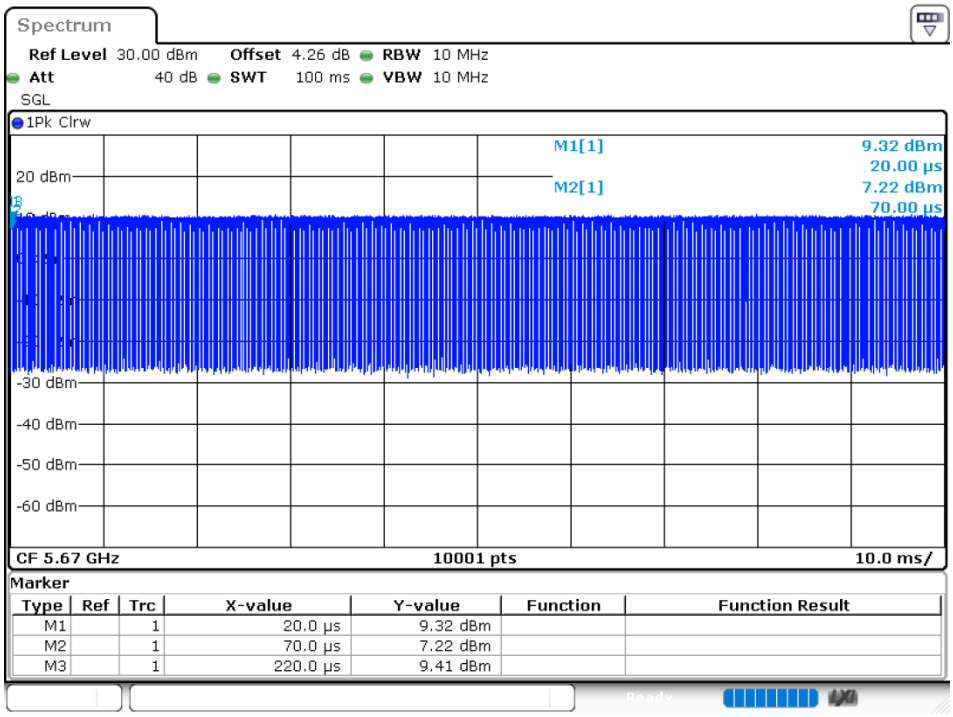
Duty Cycle NVNT ac40 5510MHz Ant1



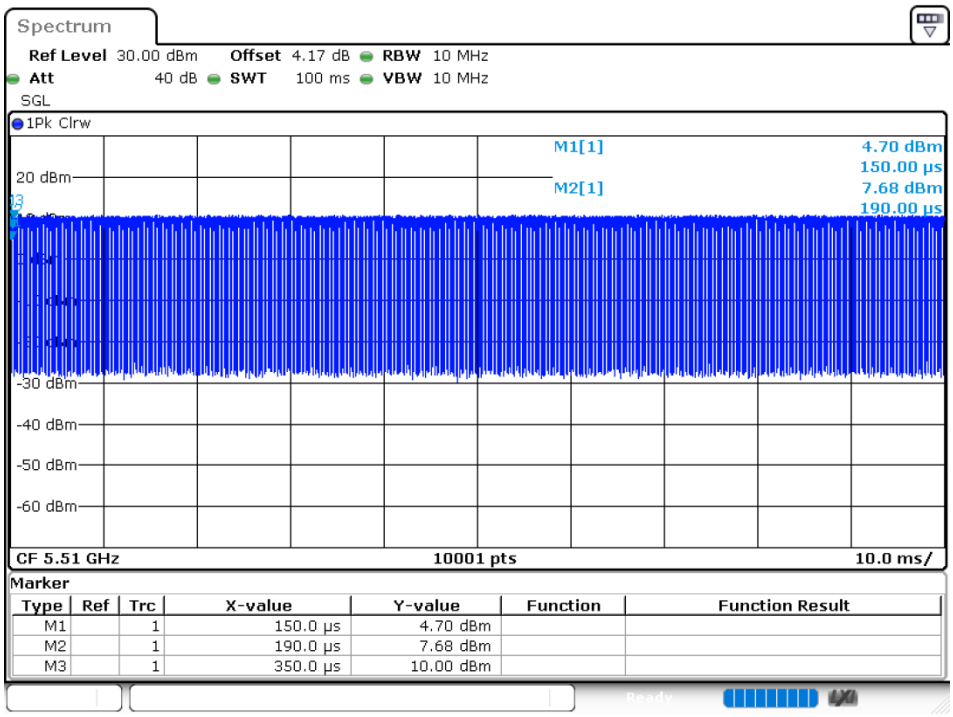
Duty Cycle NVNT ac40 5590MHz Ant1



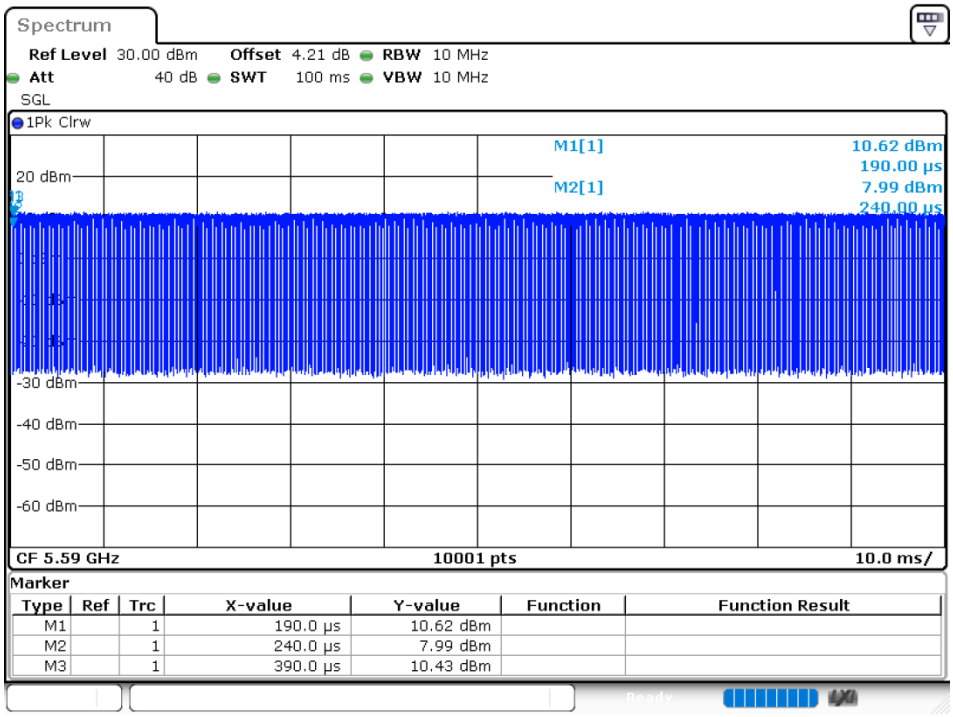
Duty Cycle NVNT ac40 5670MHz Ant1



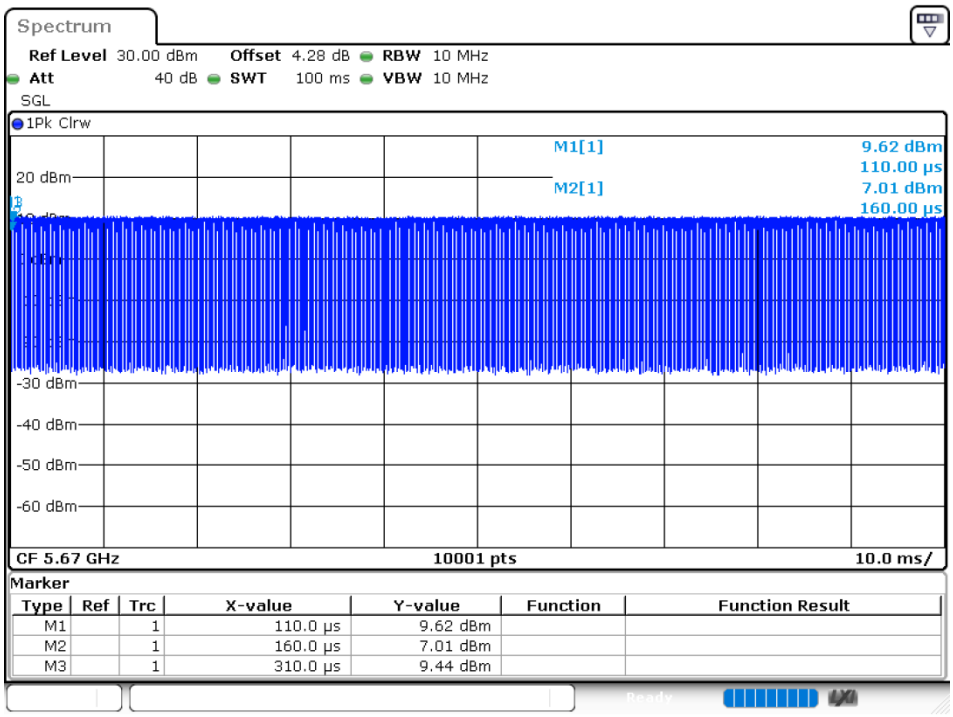
Duty Cycle NVNT ac40 5510MHz Ant2



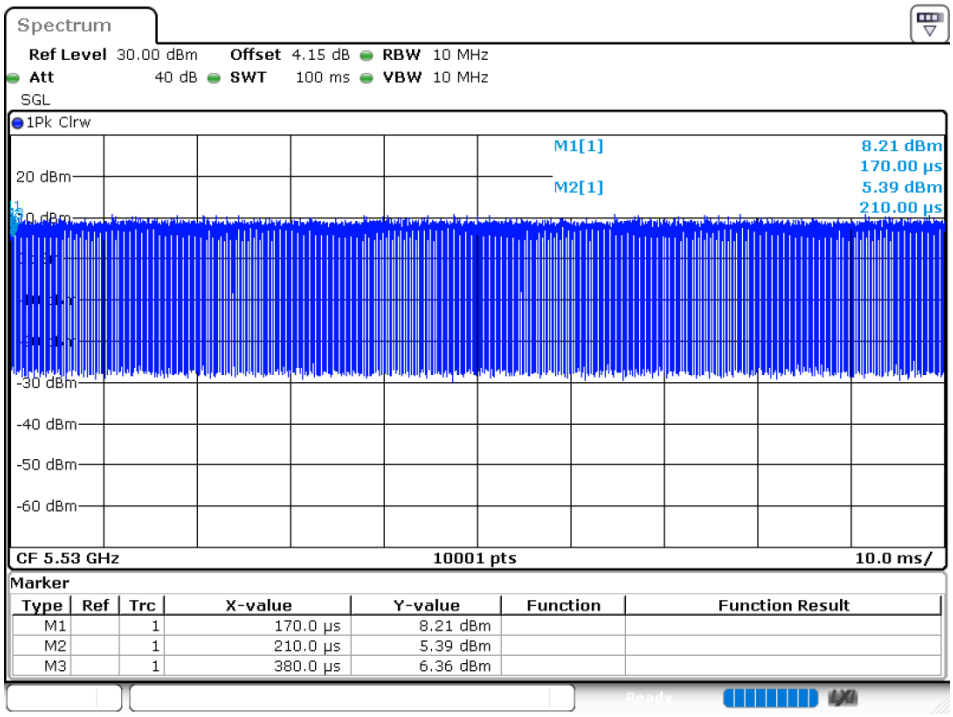
Duty Cycle NVNT ac40 5590MHz Ant2



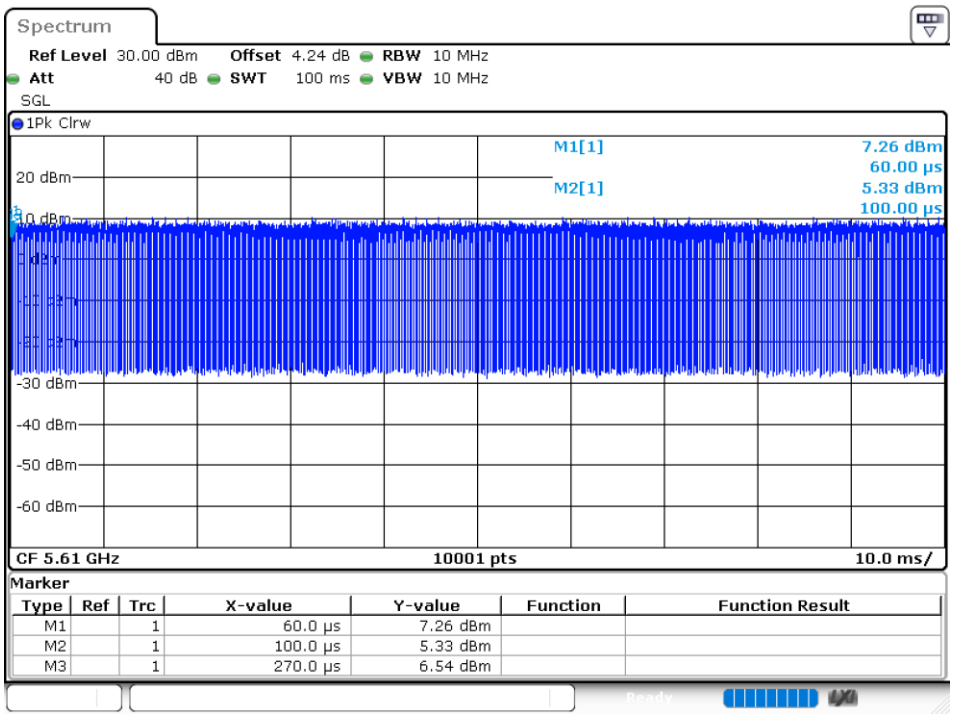
Duty Cycle NVNT ac40 5670MHz Ant2



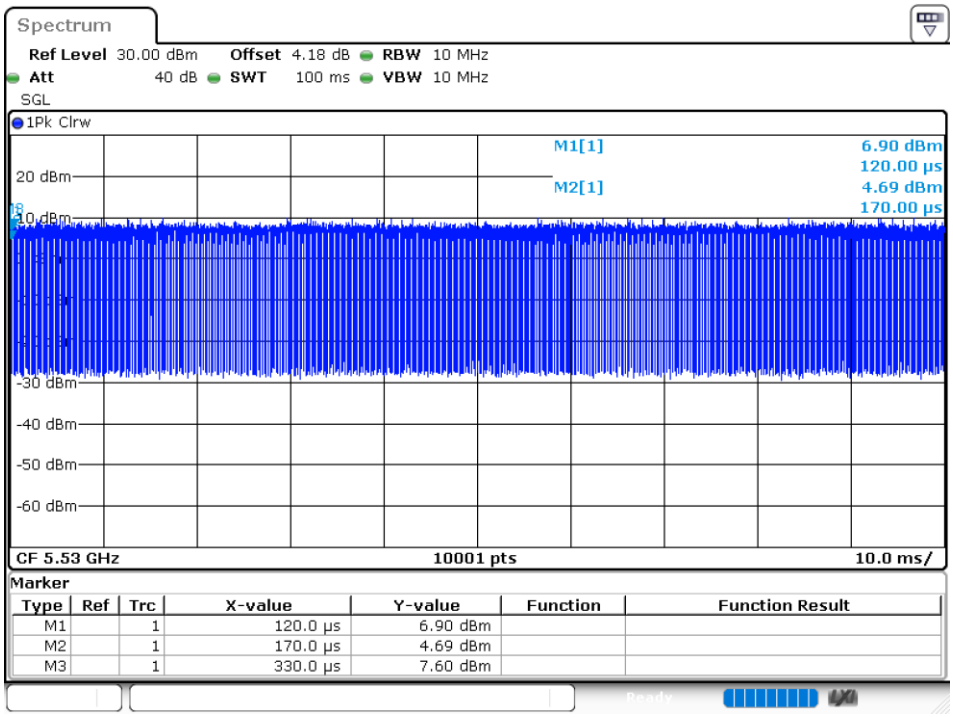
Duty Cycle NVNT ac80 5530MHz Ant1



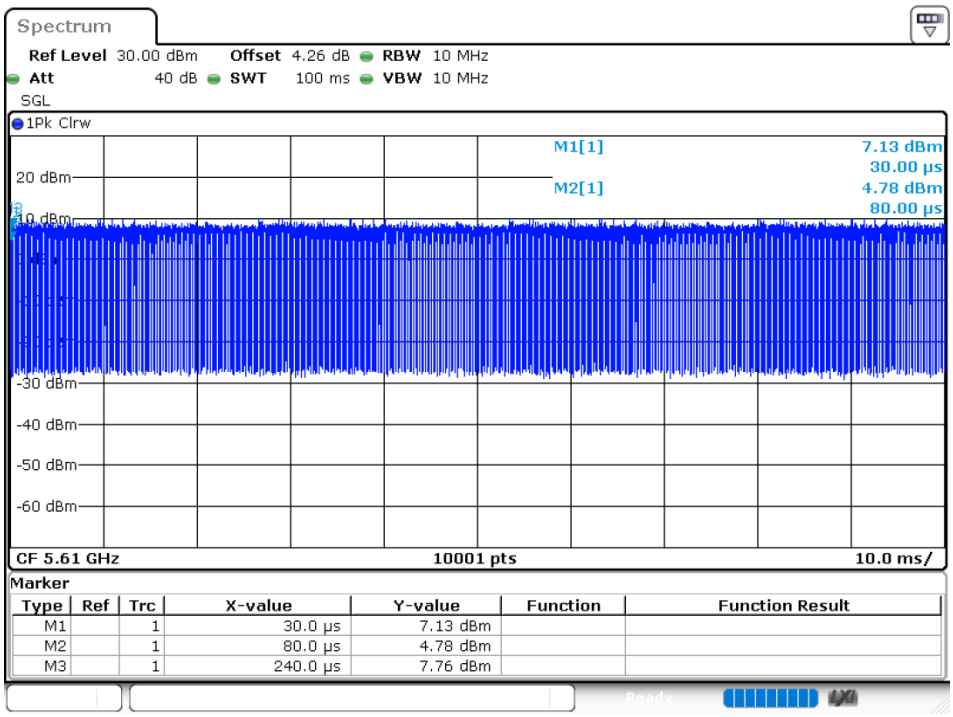
Duty Cycle NVNT ac80 5610MHz Ant1



Duty Cycle NVNT ac80 5530MHz Ant2



Duty Cycle NVNT ac80 5610MHz Ant2



Maximum Conducted Output Power

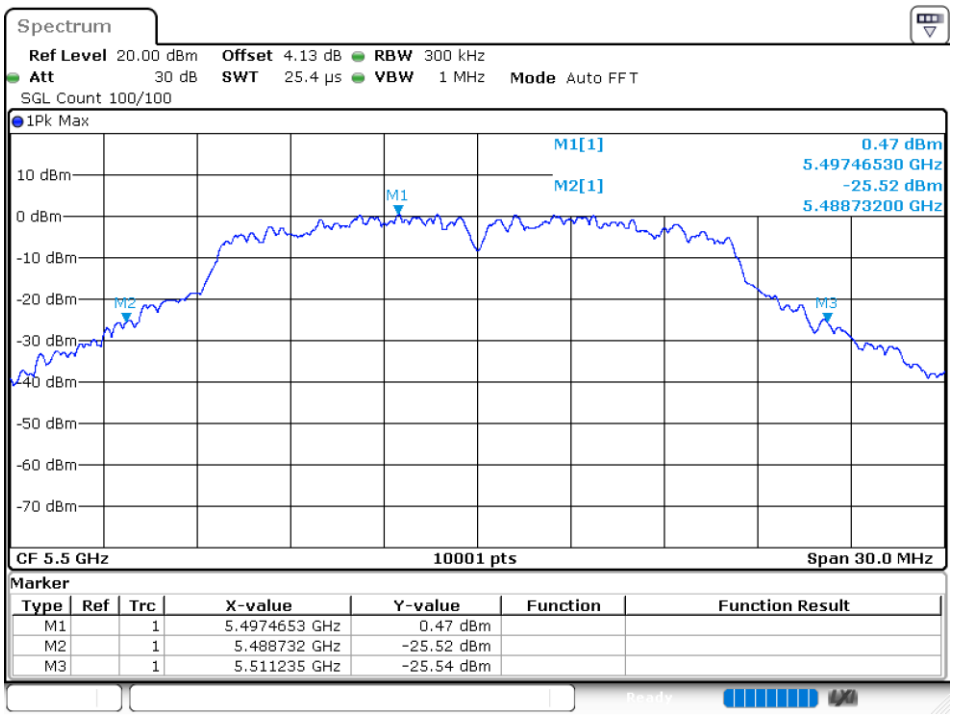
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	10.65	0	10.65	24	Pass
NVNT	a	5600	Ant1	10.46	0	10.46	24	Pass
NVNT	a	5700	Ant1	10.52	0	10.52	24	Pass
NVNT	a	5500	Ant2	10.52	0	10.52	24	Pass
NVNT	a	5600	Ant2	10.54	0	10.54	24	Pass
NVNT	a	5700	Ant2	10.38	0	10.38	24	Pass
NVNT	n20	5500	Ant1	10.56	0	10.56	24	Pass
NVNT	n20	5600	Ant1	10.44	0	10.44	24	Pass
NVNT	n20	5700	Ant1	10.41	0	10.41	24	Pass
NVNT	n20	5500	Ant2	10.57	0	10.57	24	Pass
NVNT	n20	5600	Ant2	10.58	0	10.58	24	Pass
NVNT	n20	5700	Ant2	10.33	0	10.33	24	Pass
NVNT	n40	5510	Ant1	10.64	0	10.64	24	Pass
NVNT	n40	5590	Ant1	10.59	0	10.59	24	Pass
NVNT	n40	5670	Ant1	10.57	0	10.57	24	Pass
NVNT	n40	5510	Ant2	10.64	0	10.64	24	Pass
NVNT	n40	5590	Ant2	10.7	0	10.7	24	Pass
NVNT	n40	5670	Ant2	10.58	0	10.58	24	Pass
NVNT	ac20	5500	Ant1	10.55	0	10.55	24	Pass
NVNT	ac20	5600	Ant1	10.46	0	10.46	24	Pass
NVNT	ac20	5700	Ant1	10.37	0	10.37	24	Pass
NVNT	ac20	5500	Ant2	10.51	0	10.51	24	Pass
NVNT	ac20	5600	Ant2	10.54	0	10.54	24	Pass
NVNT	ac20	5700	Ant2	10.36	0	10.36	24	Pass
NVNT	ac40	5510	Ant1	10.57	0	10.57	24	Pass
NVNT	ac40	5590	Ant1	10.6	0	10.6	24	Pass
NVNT	ac40	5670	Ant1	10.51	0	10.51	24	Pass
NVNT	ac40	5510	Ant2	10.65	0	10.65	24	Pass
NVNT	ac40	5590	Ant2	10.61	0	10.61	24	Pass
NVNT	ac40	5670	Ant2	10.52	0	10.52	24	Pass
NVNT	ac80	5530	Ant1	10.84	0	10.84	24	Pass
NVNT	ac80	5610	Ant1	10.65	0	10.65	24	Pass
NVNT	ac80	5530	Ant2	10.3	0	10.3	24	Pass
NVNT	ac80	5610	Ant2	10.32	0	10.32	24	Pass

-26dB Bandwidth

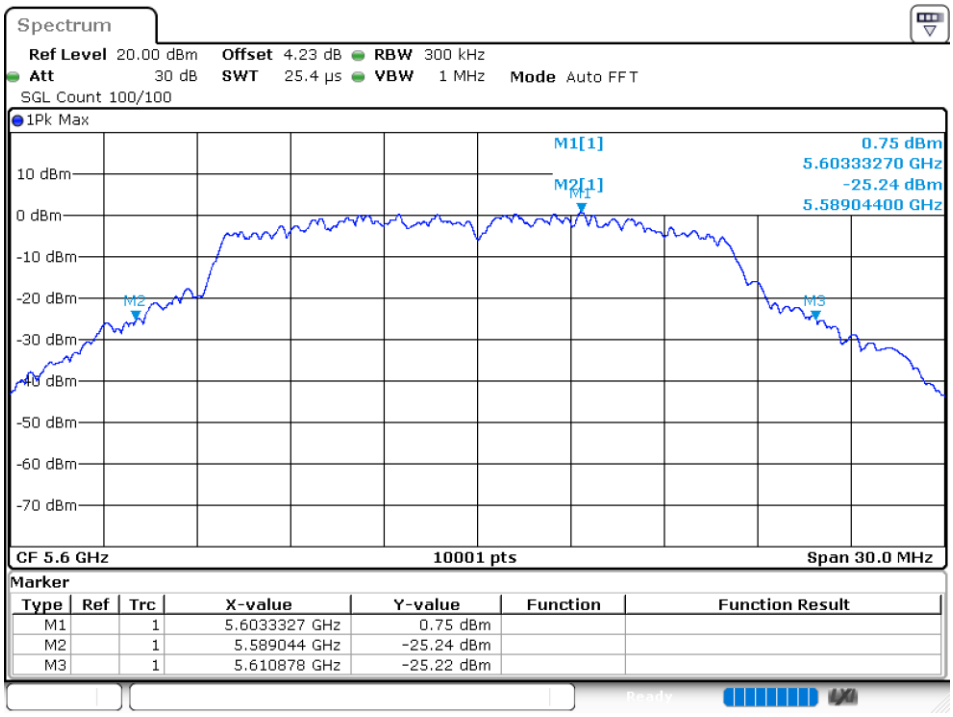
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	22.503	Pass
NVNT	a	5600	Ant1	21.834	Pass
NVNT	a	5700	Ant1	22.737	Pass
NVNT	a	5500	Ant2	21.645	Pass
NVNT	a	5600	Ant2	22.734	Pass
NVNT	a	5700	Ant2	22.446	Pass
NVNT	n20	5500	Ant1	21.882	Pass
NVNT	n20	5600	Ant1	22.518	Pass
NVNT	n20	5700	Ant1	21.867	Pass
NVNT	n20	5500	Ant2	22.212	Pass
NVNT	n20	5600	Ant2	22.398	Pass
NVNT	n20	5700	Ant2	22.152	Pass
NVNT	n40	5510	Ant1	43.338	Pass
NVNT	n40	5590	Ant1	43.29	Pass
NVNT	n40	5670	Ant1	43.374	Pass
NVNT	n40	5510	Ant2	44.022	Pass
NVNT	n40	5590	Ant2	43.2	Pass
NVNT	n40	5670	Ant2	43.272	Pass
NVNT	ac20	5500	Ant1	23.148	Pass
NVNT	ac20	5600	Ant1	22.758	Pass
NVNT	ac20	5700	Ant1	22.914	Pass
NVNT	ac20	5500	Ant2	21.561	Pass
NVNT	ac20	5600	Ant2	22.431	Pass
NVNT	ac20	5700	Ant2	22.686	Pass
NVNT	ac40	5510	Ant1	43.416	Pass
NVNT	ac40	5590	Ant1	42.726	Pass
NVNT	ac40	5670	Ant1	42.918	Pass
NVNT	ac40	5510	Ant2	44.712	Pass
NVNT	ac40	5590	Ant2	42.648	Pass
NVNT	ac40	5670	Ant2	42.81	Pass
NVNT	ac80	5530	Ant1	85.212	Pass
NVNT	ac80	5610	Ant1	85.536	Pass
NVNT	ac80	5530	Ant2	85.212	Pass
NVNT	ac80	5610	Ant2	85.584	Pass

Test Graphs

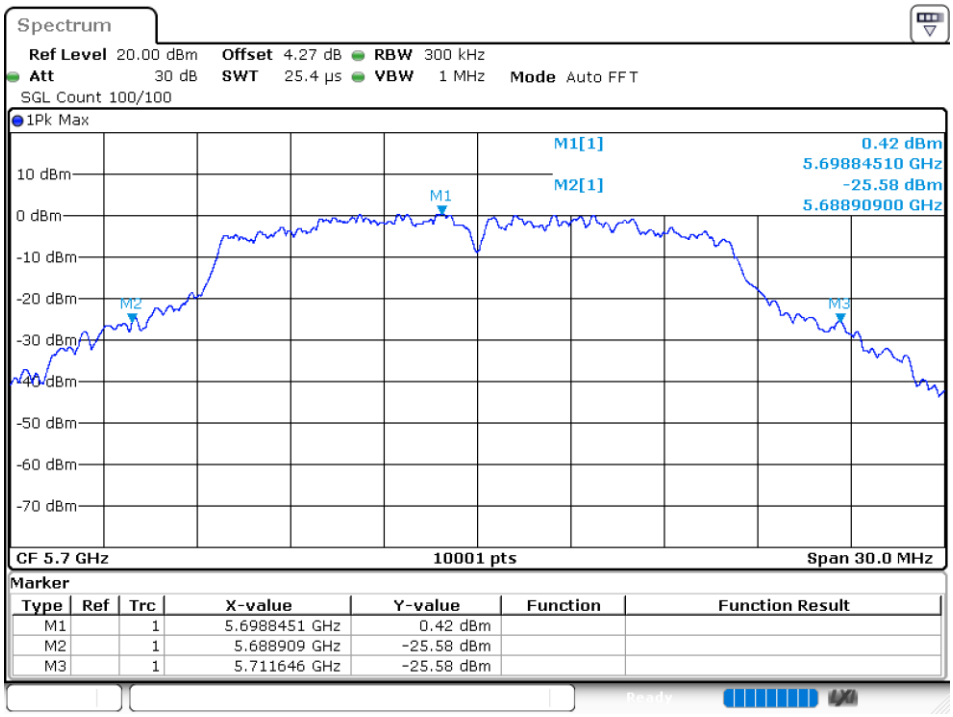
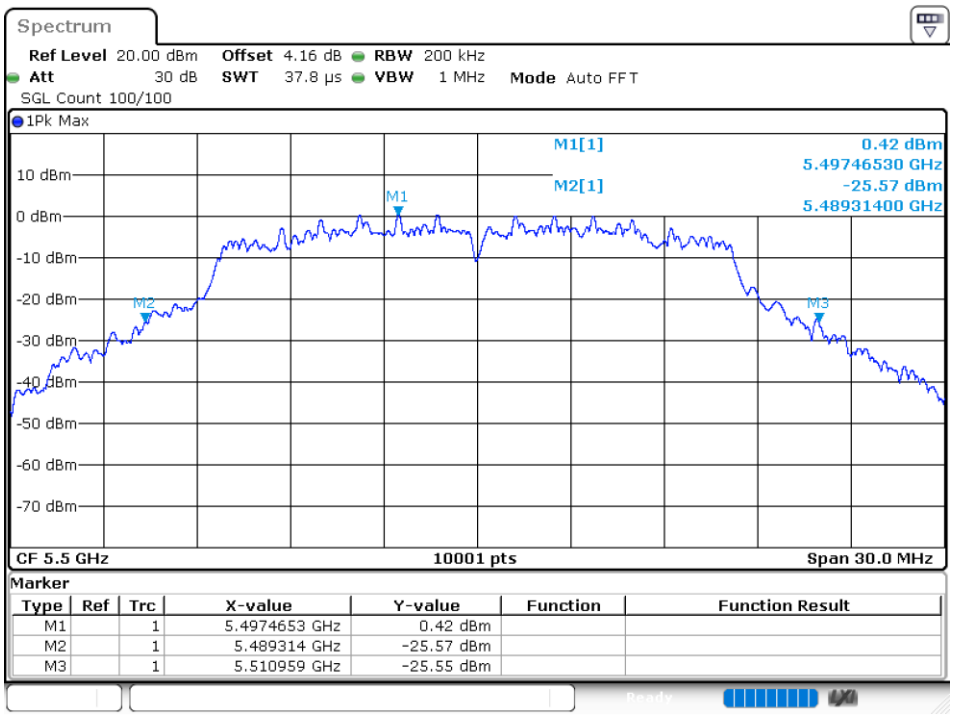
-26dB Bandwidth NVNT a 5500MHz Ant1



-26dB Bandwidth NVNT a 5600MHz Ant1



-26dB Bandwidth NVNT a 5700MHz Ant1



-26dB Bandwidth NVNT a 5500MHz Ant2