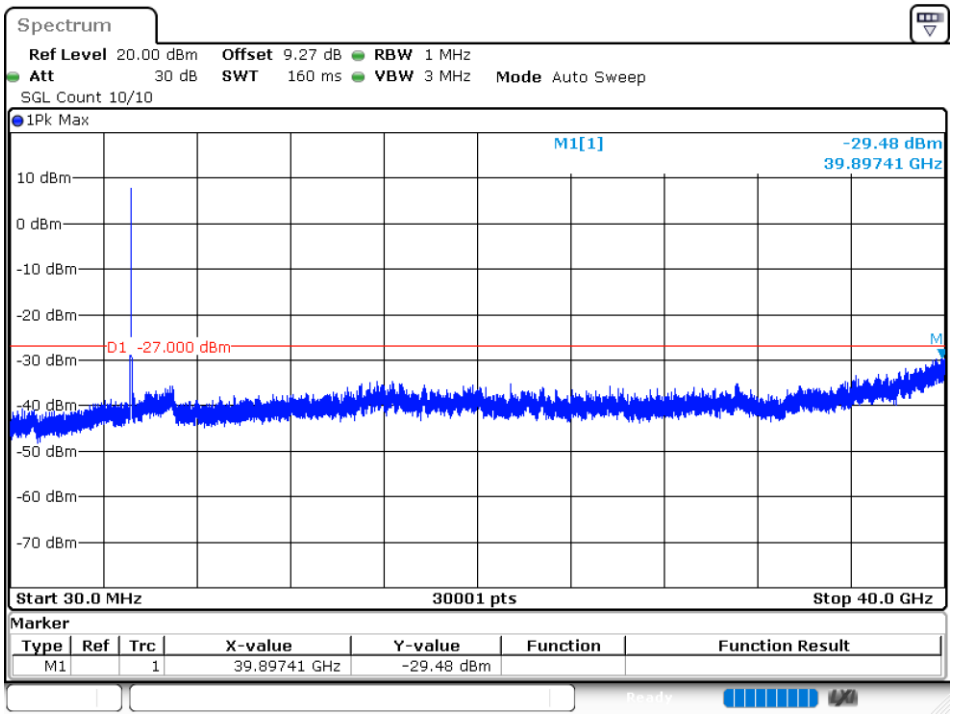
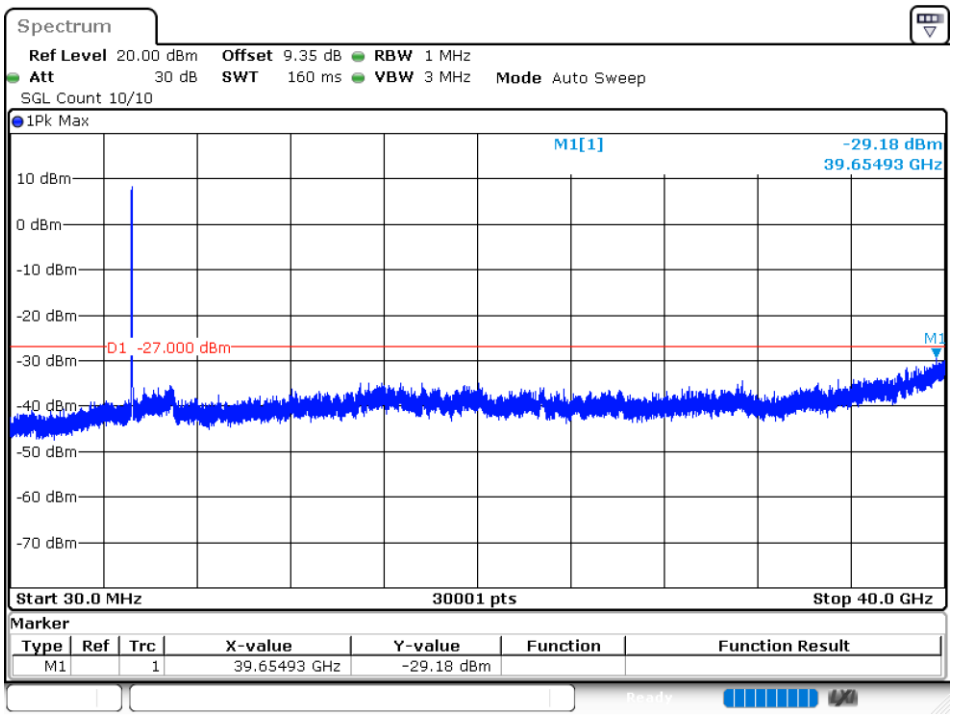
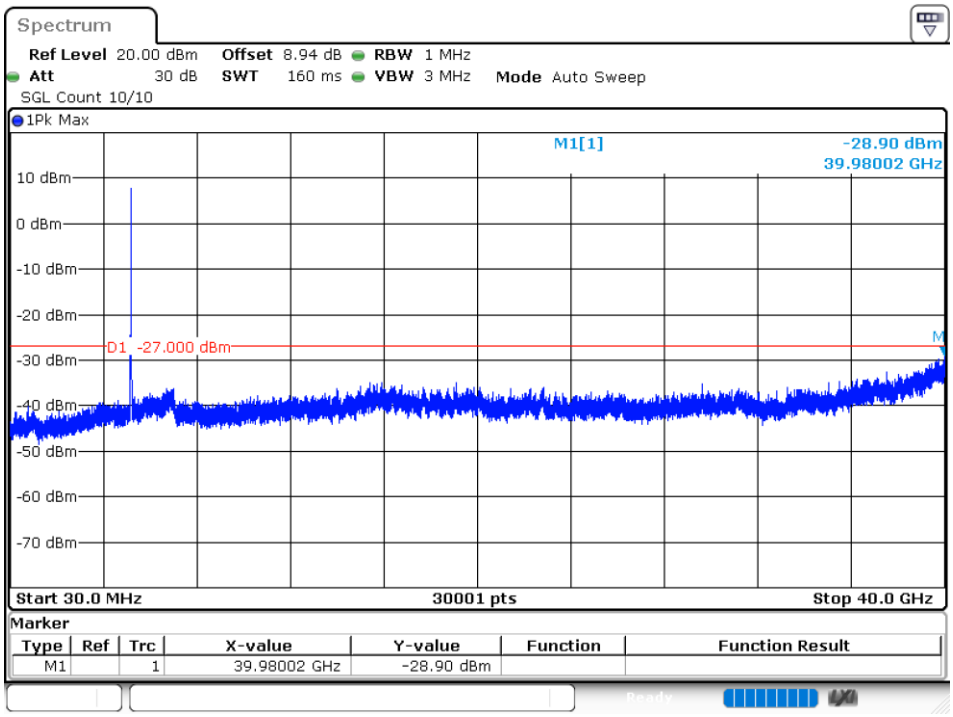
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



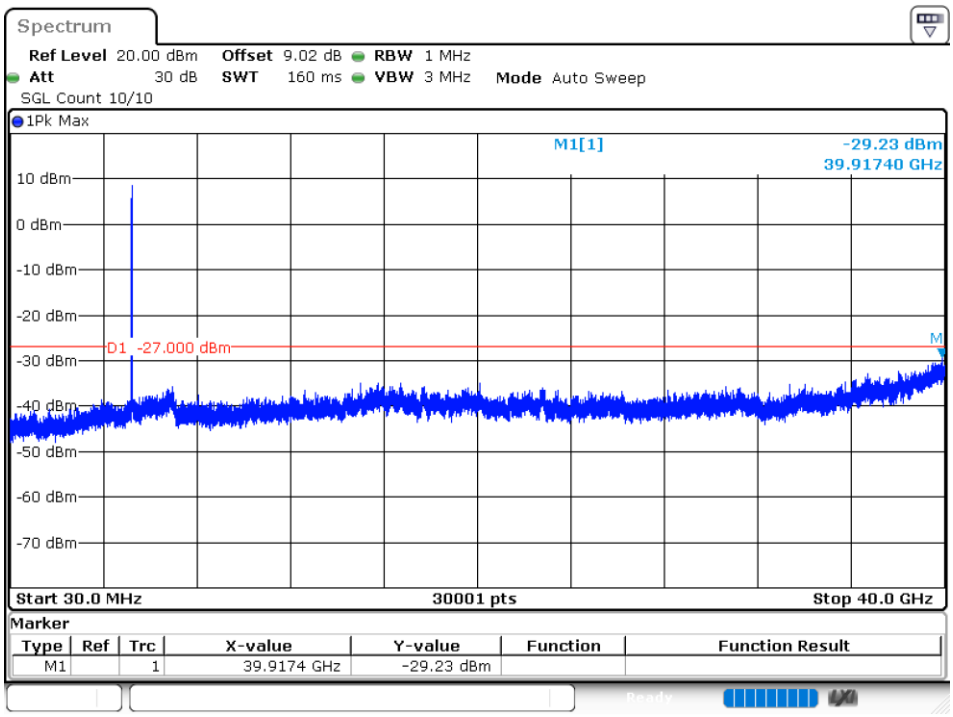
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



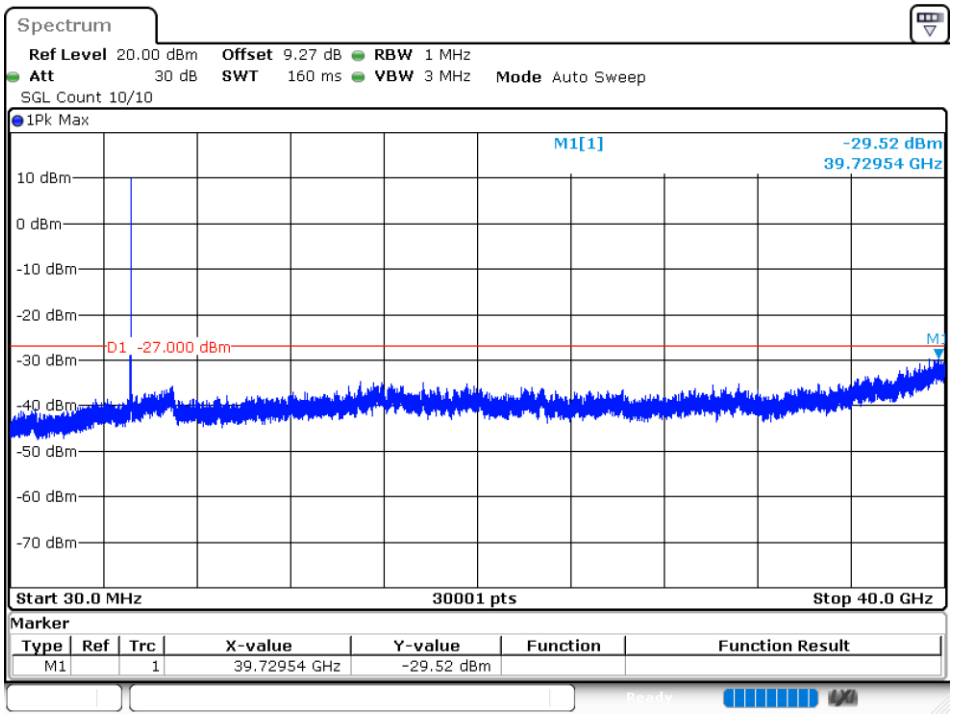
Tx. Spurious NVNT n40 5190MHz Ant2 Emission



Tx. Spurious NVNT n40 5230MHz Ant2 Emission



Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



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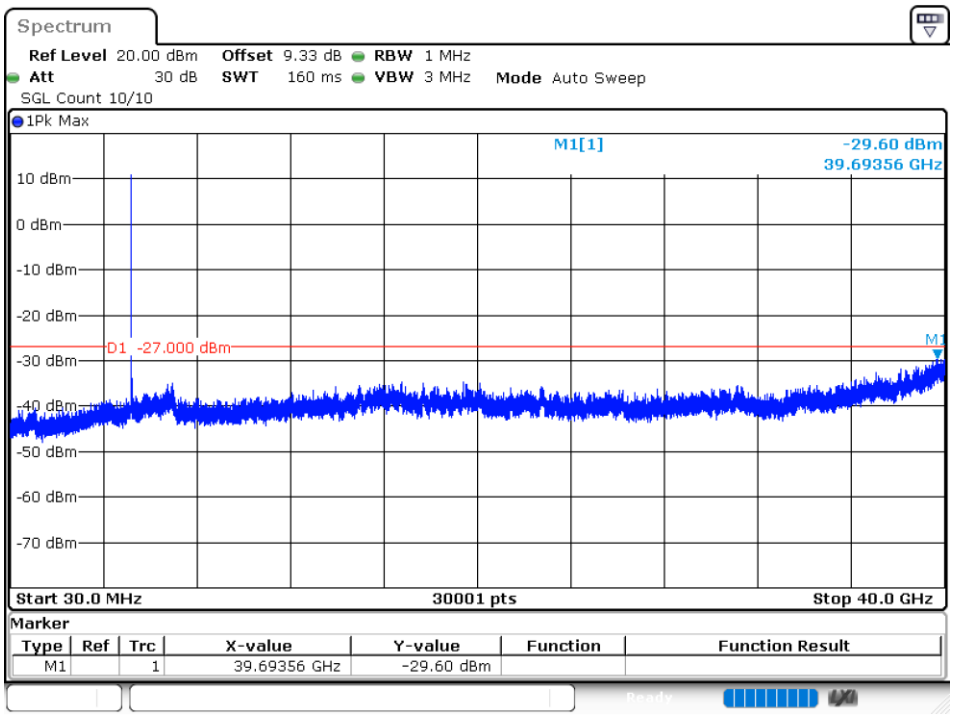
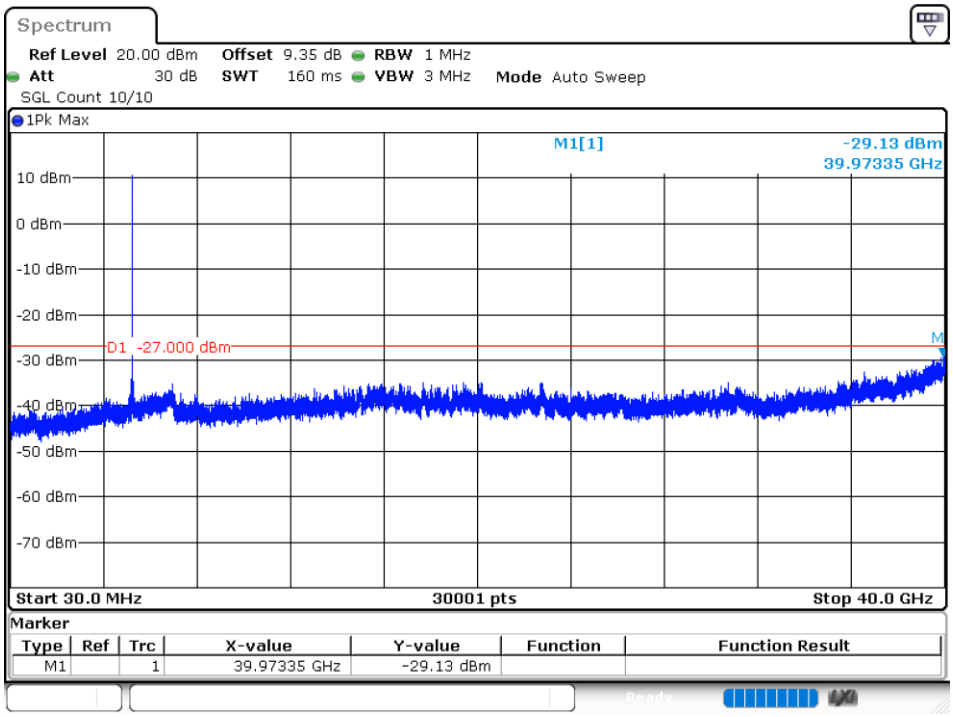
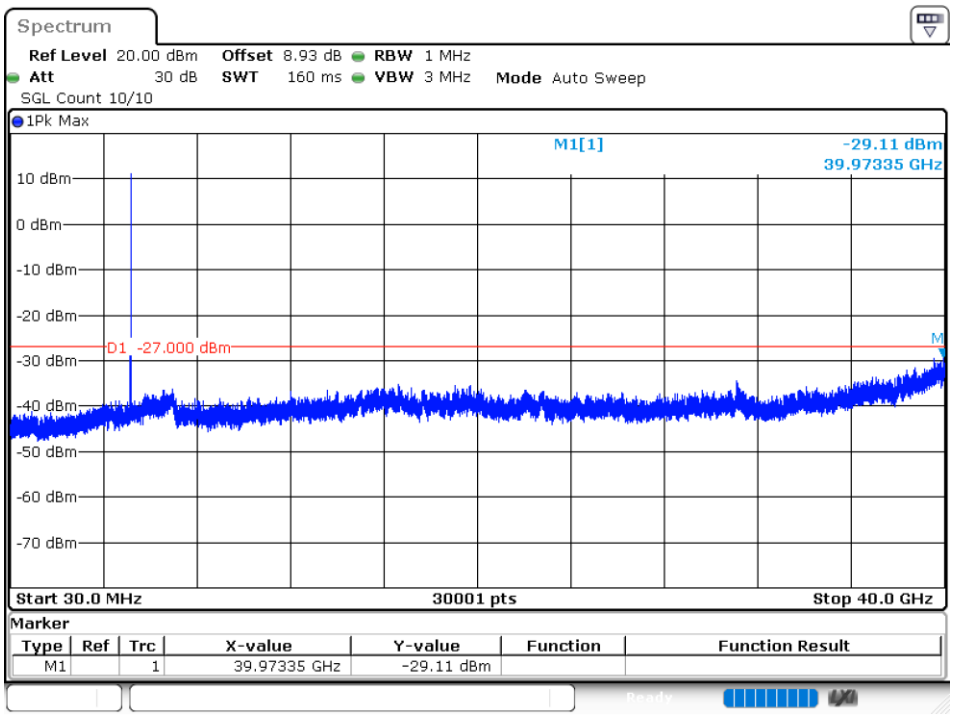


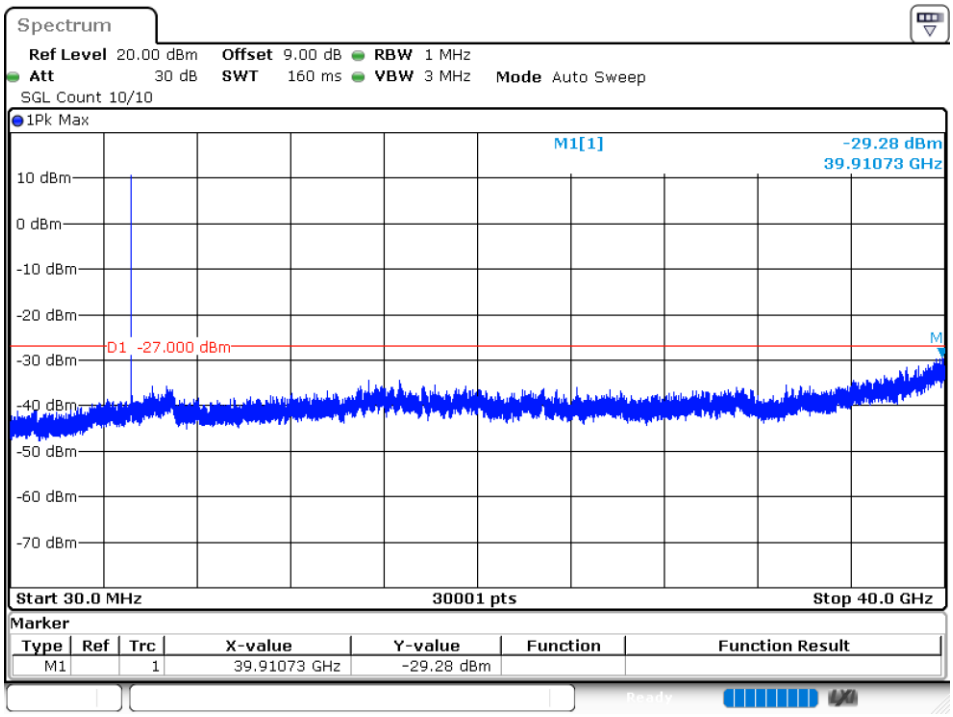
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



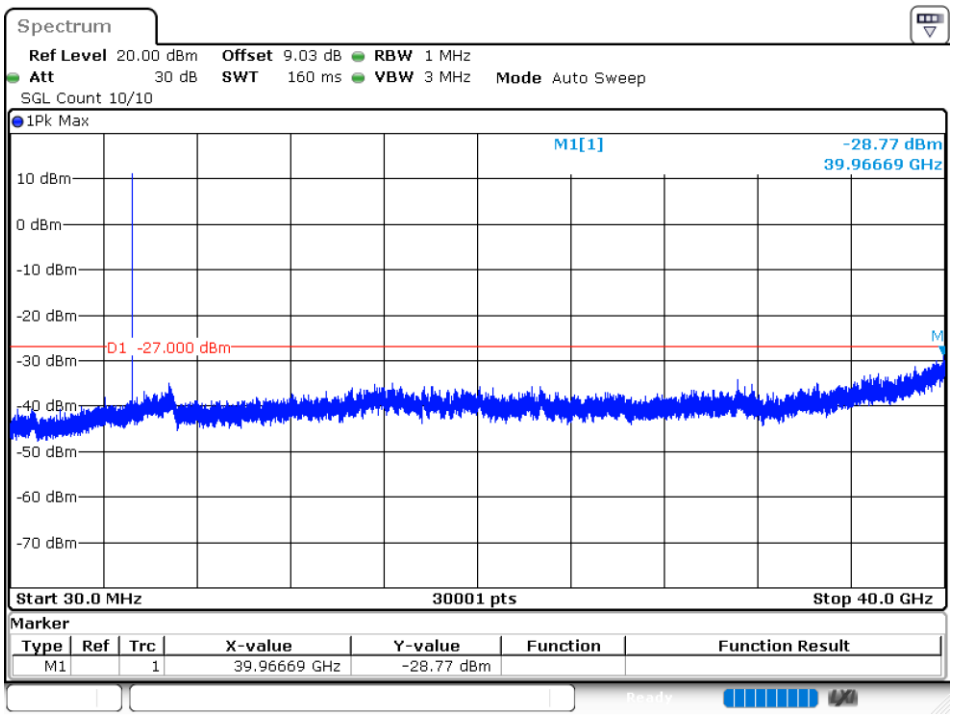
Tx. Spurious NVNT ac20 5180MHz Ant2 Emission



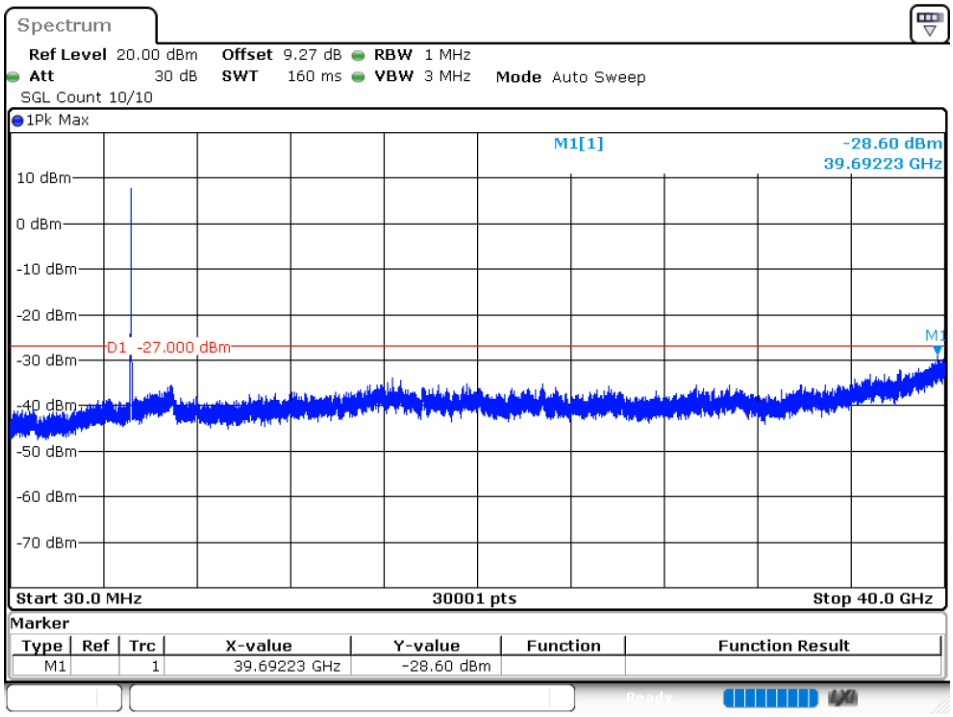
Tx. Spurious NVNT ac20 5200MHz Ant2 Emission



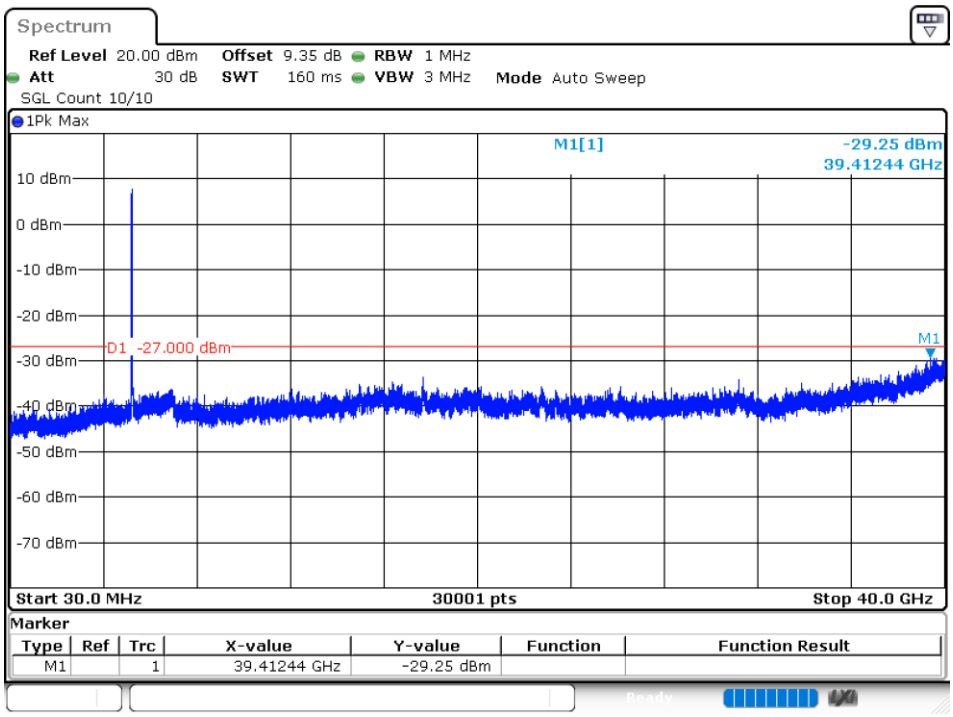
Tx. Spurious NVNT ac20 5240MHz Ant2 Emission



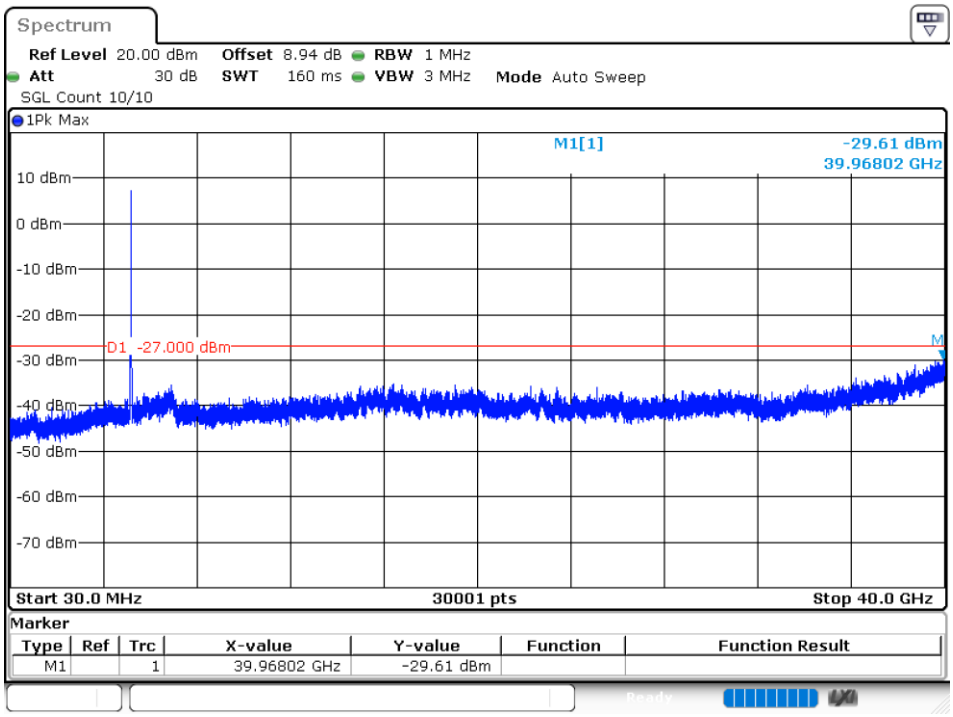
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



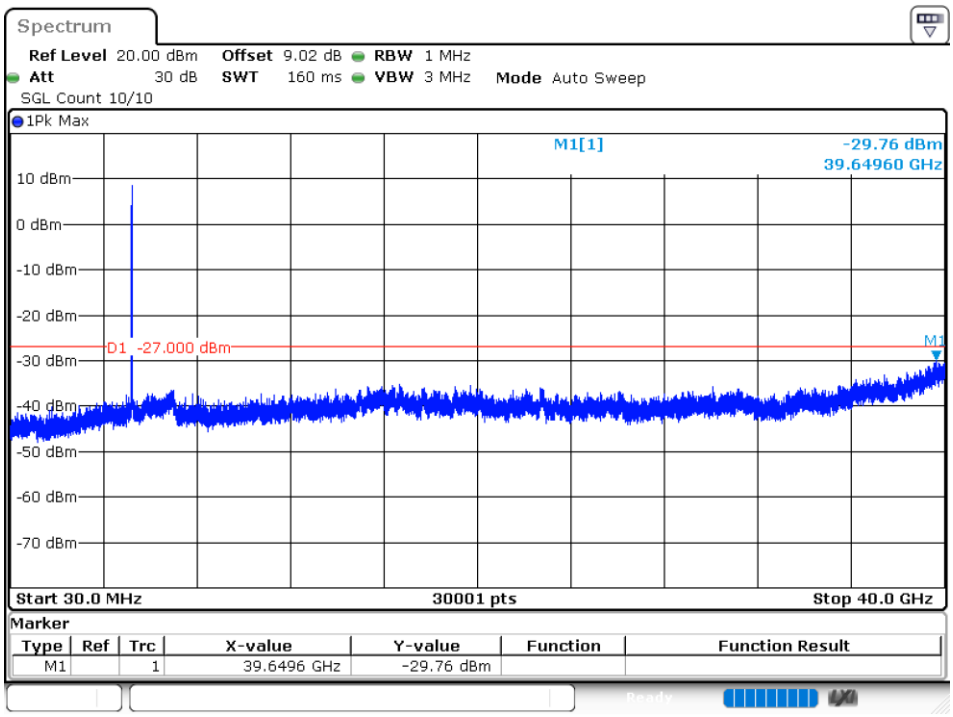
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



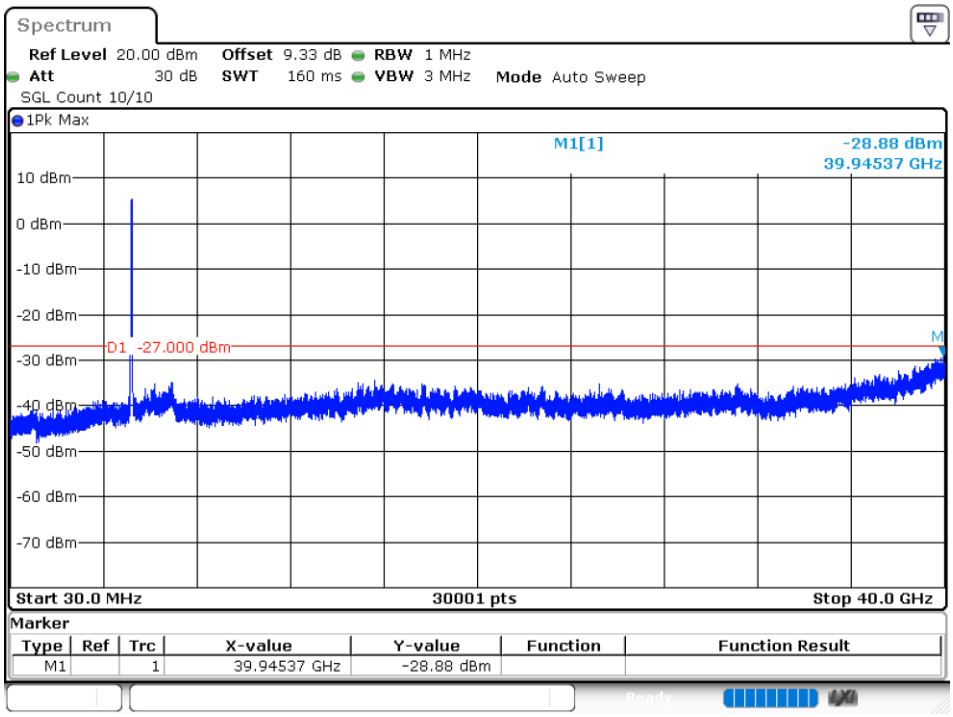
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



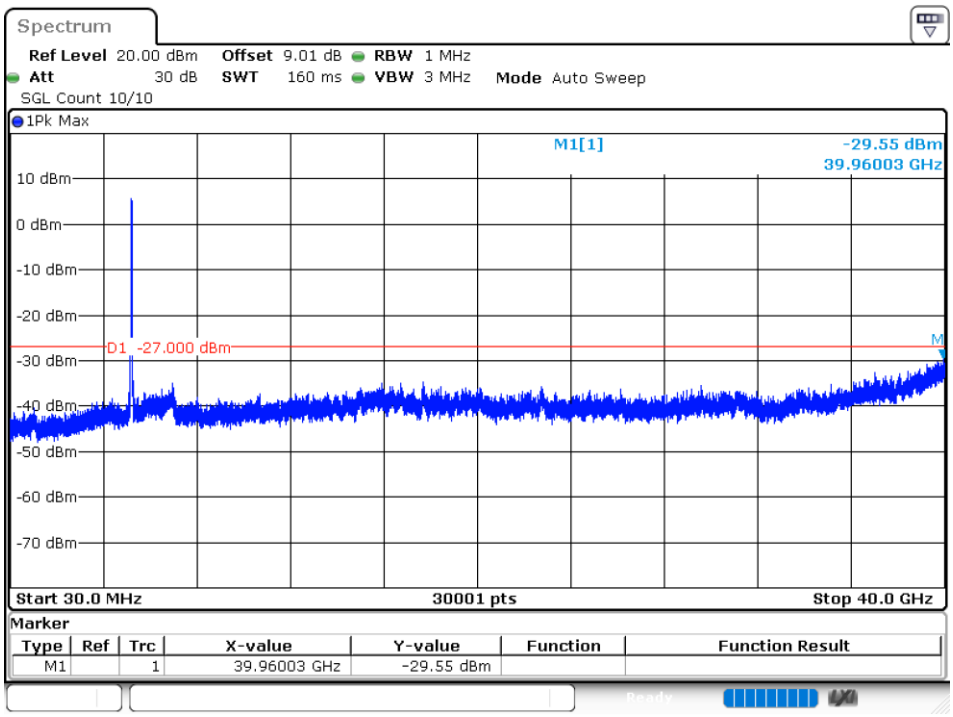
Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



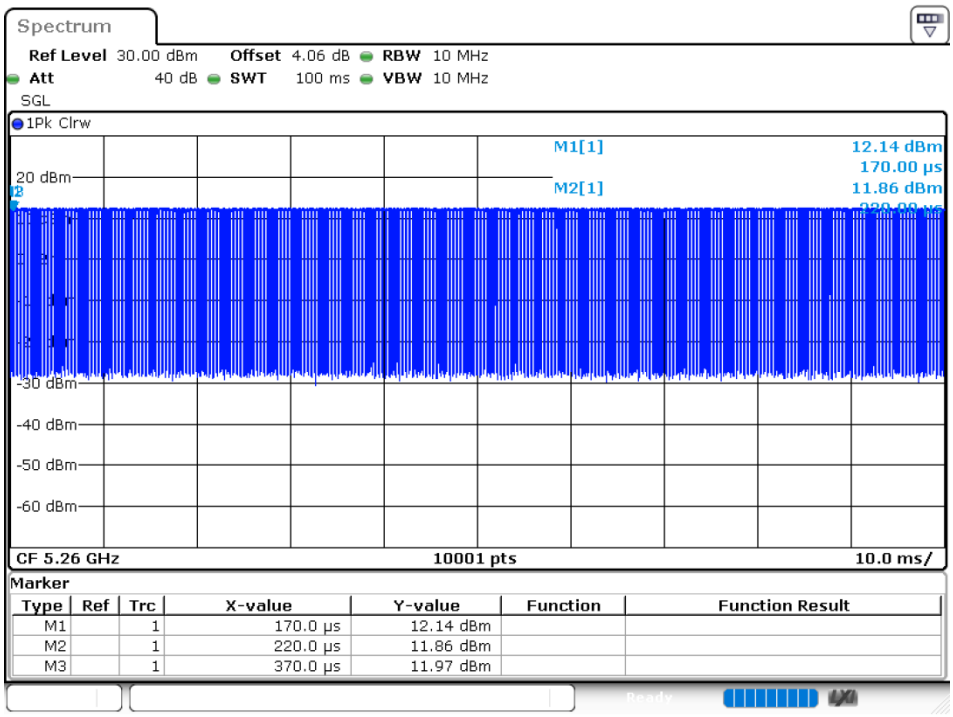
5.3G WIFI

Duty Cycle

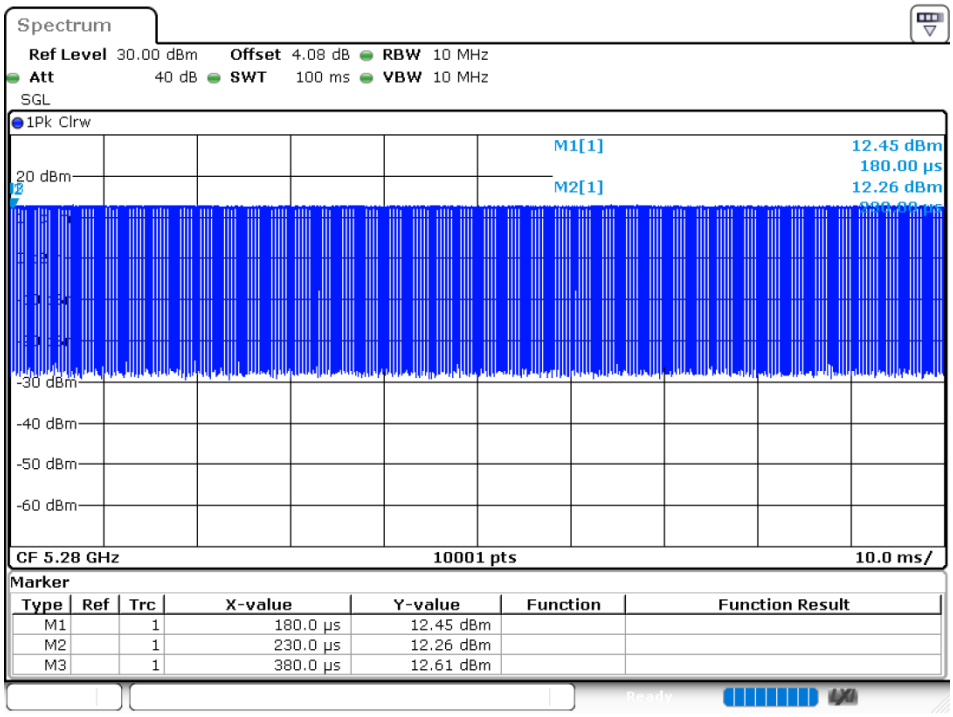
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	81.18	0.91	6.67
NVNT	a	5280	Ant1	81.13	0.91	6.67
NVNT	a	5320	Ant1	81.19	0.9	6.67
NVNT	a	5260	Ant2	81.37	0.9	7.14
NVNT	a	5280	Ant2	81.35	0.9	6.67
NVNT	a	5320	Ant2	81.26	0.9	6.67
NVNT	n20	5260	Ant1	83.32	0.79	5.56
NVNT	n20	5280	Ant1	83.13	0.8	5.88
NVNT	n20	5320	Ant1	83.38	0.79	5.88
NVNT	n20	5260	Ant2	83.43	0.79	5.88
NVNT	n20	5280	Ant2	83.52	0.78	5.88
NVNT	n20	5320	Ant2	83.43	0.79	5.56
NVNT	n40	5270	Ant1	83.61	0.78	5.56
NVNT	n40	5310	Ant1	83.6	0.78	5.56
NVNT	n40	5270	Ant2	83.79	0.77	5.56
NVNT	n40	5310	Ant2	83.79	0.77	5.56
NVNT	ac20	5260	Ant1	82.48	0.84	5.88
NVNT	ac20	5280	Ant1	82.39	0.84	6.25
NVNT	ac20	5320	Ant1	82.44	0.84	6.25
NVNT	ac20	5260	Ant2	82.63	0.83	6.25
NVNT	ac20	5280	Ant2	82.6	0.83	6.25
NVNT	ac20	5320	Ant2	82.65	0.83	6.25
NVNT	ac40	5270	Ant1	81.79	0.87	6.25
NVNT	ac40	5310	Ant1	81.69	0.88	6.25
NVNT	ac40	5270	Ant2	81.88	0.87	6.67
NVNT	ac40	5310	Ant2	81.88	0.87	6.67
NVNT	ac80	5290	Ant1	82.36	0.84	5.88
NVNT	ac80	5290	Ant2	82.38	0.84	6.25

Test Graphs

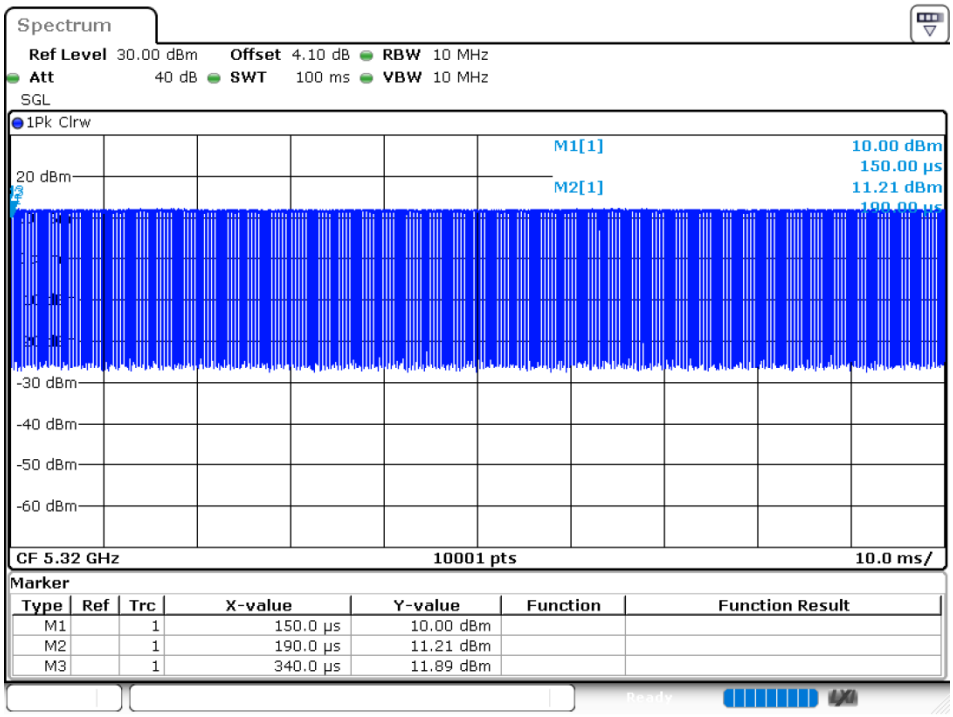
Duty Cycle NVNT a 5260MHz Ant1



Duty Cycle NVNT a 5280MHz Ant1



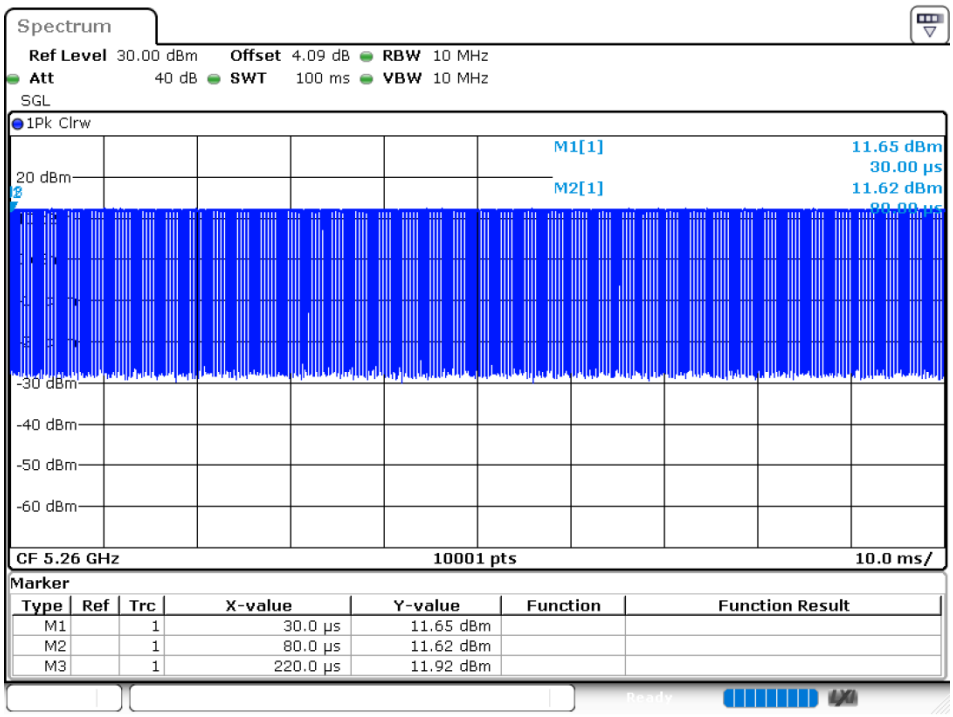
Duty Cycle NVNT a 5320MHz Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	150.0 µs	10.00 dBm		
M2		1	190.0 µs	11.21 dBm		
M3		1	340.0 µs	11.89 dBm		

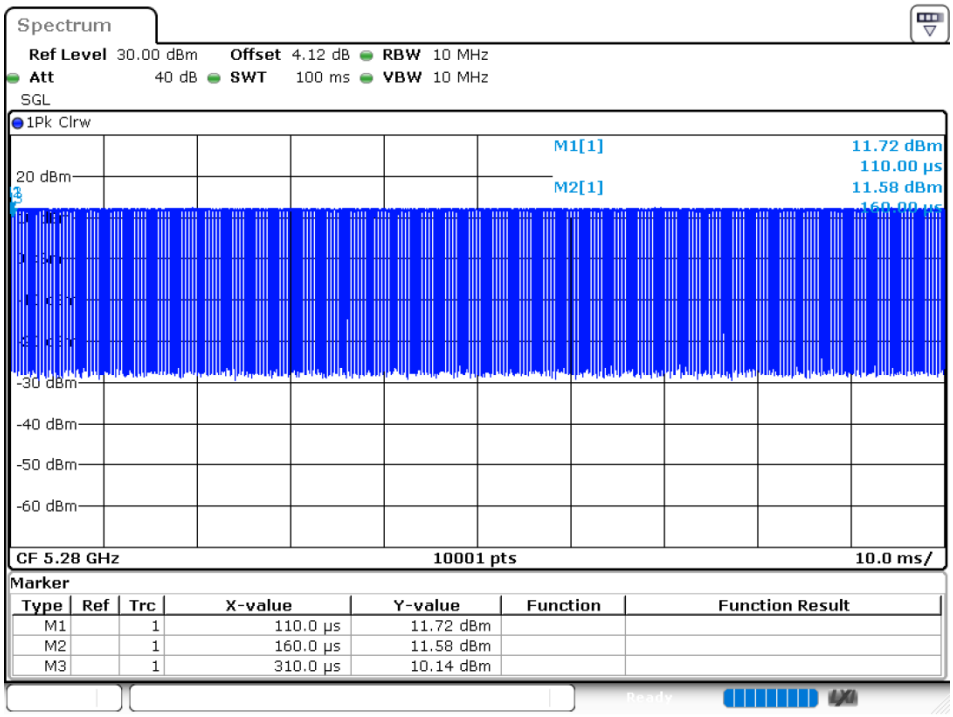
Duty Cycle NVNT a 5260MHz Ant2



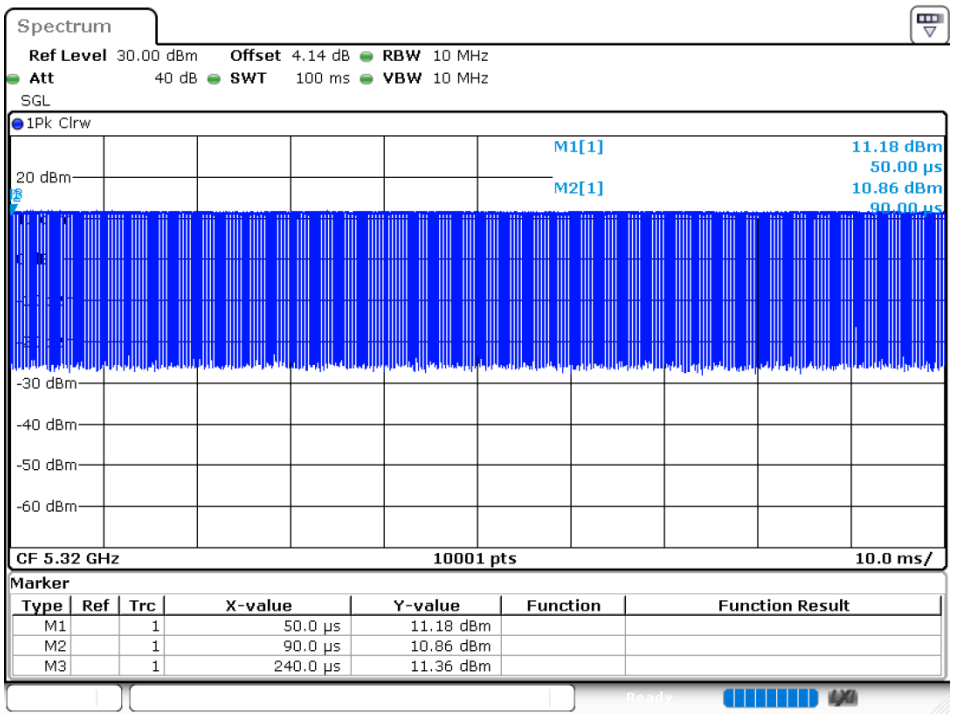
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	30.0 µs	11.65 dBm		
M2		1	80.0 µs	11.62 dBm		
M3		1	220.0 µs	11.92 dBm		

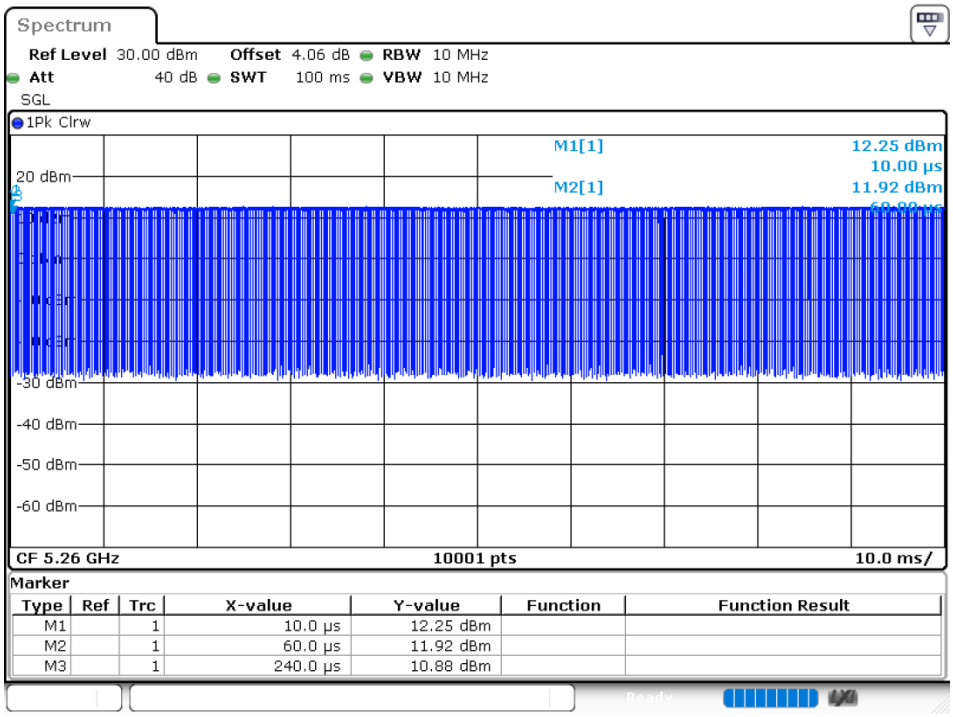
Duty Cycle NVNT a 5280MHz Ant2



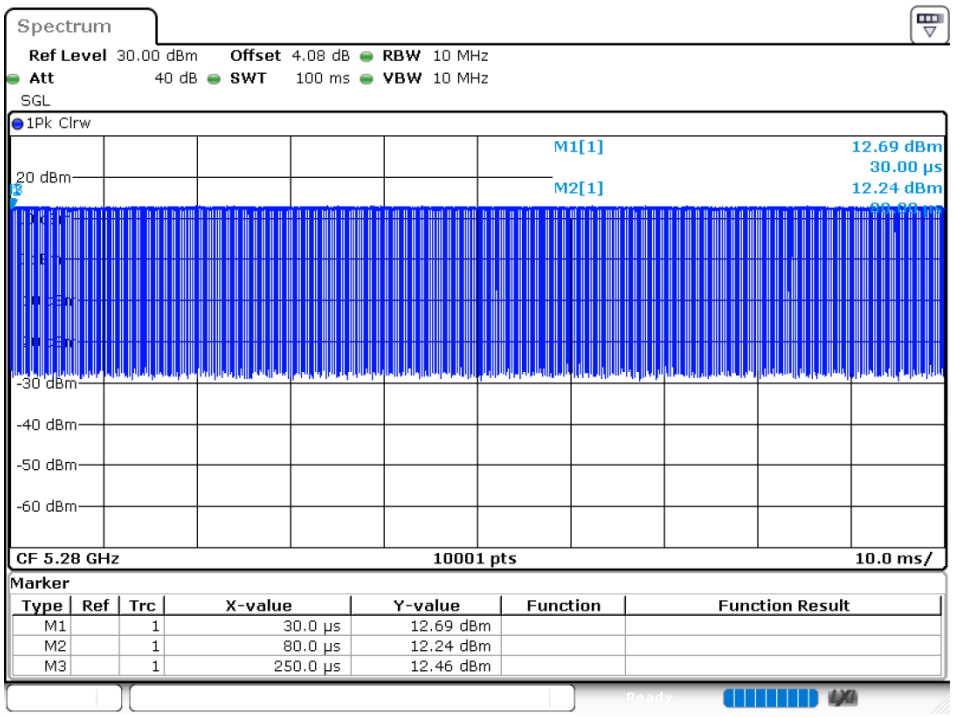
Duty Cycle NVNT a 5320MHz Ant2



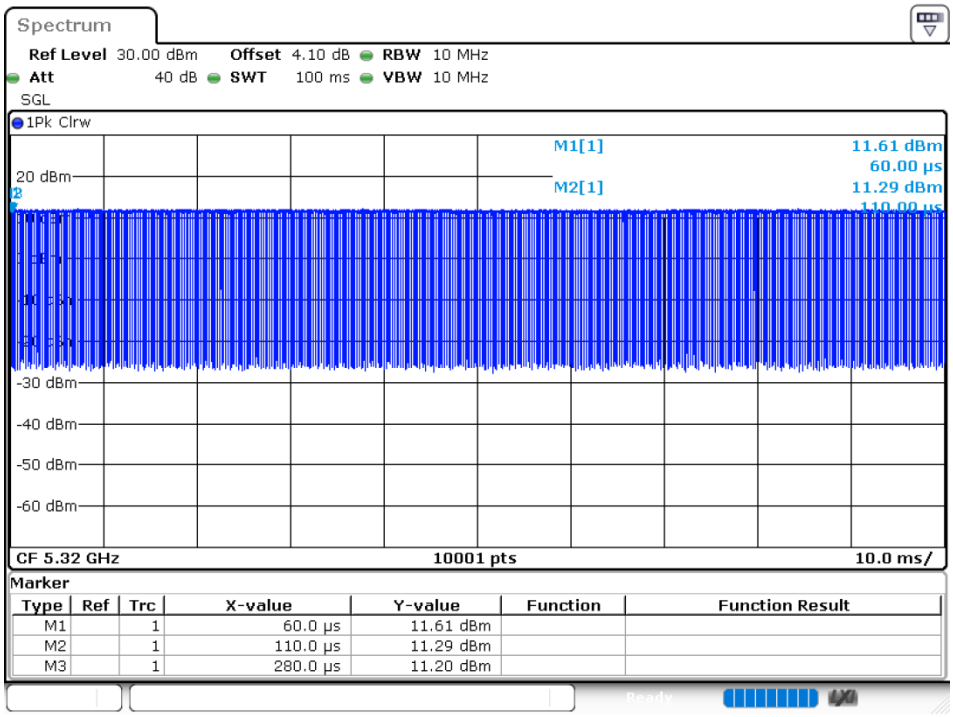
Duty Cycle NVNT n20 5260MHz Ant1



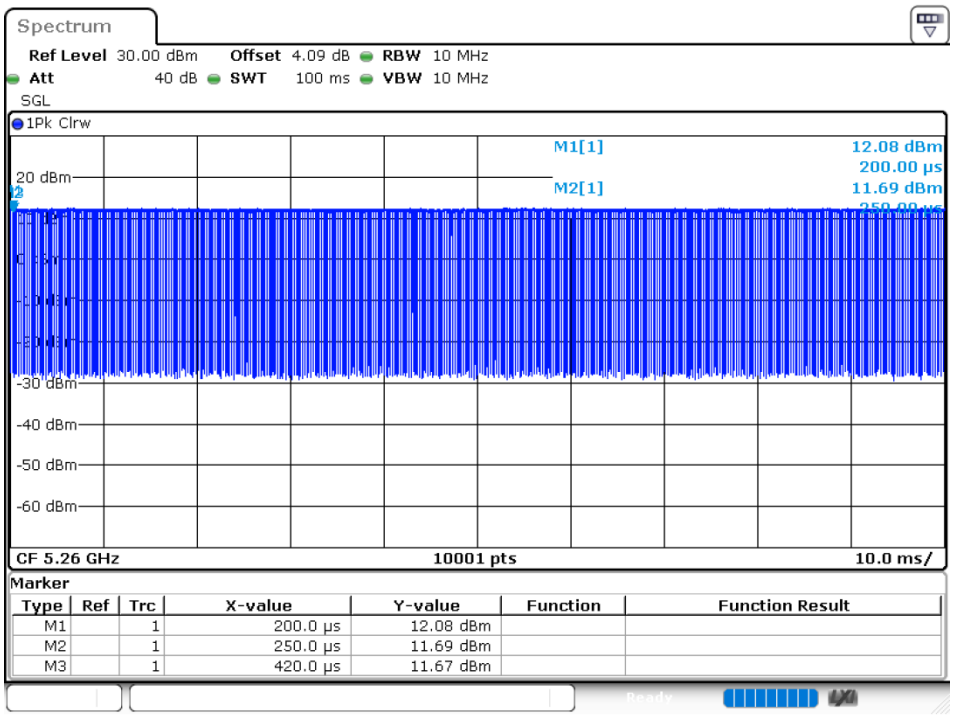
Duty Cycle NVNT n20 5280MHz Ant1



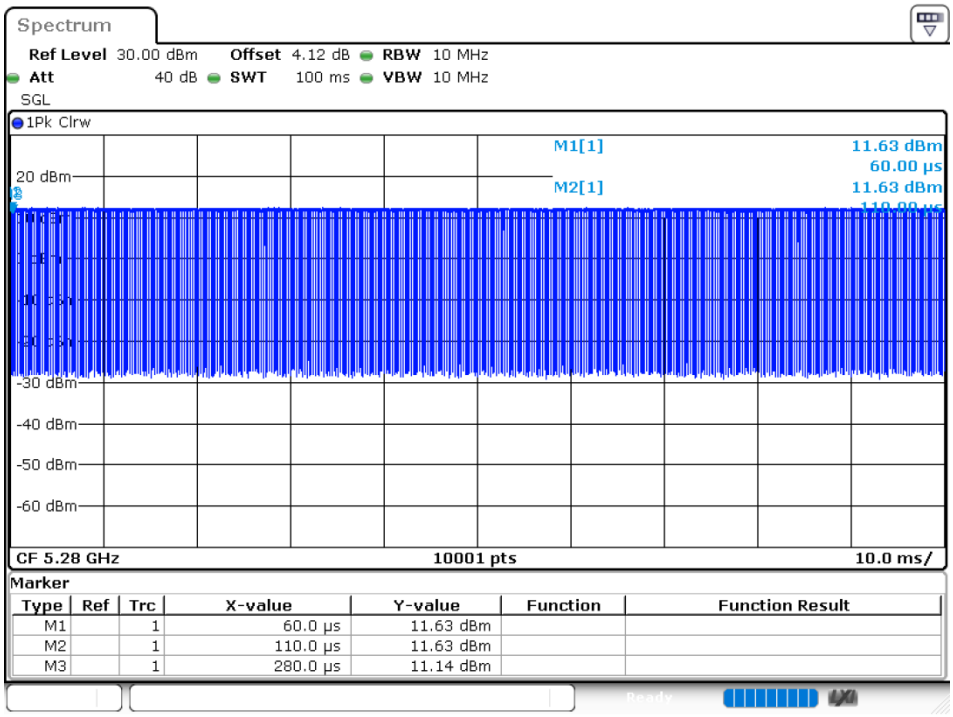
Duty Cycle NVNT n20 5320MHz Ant1



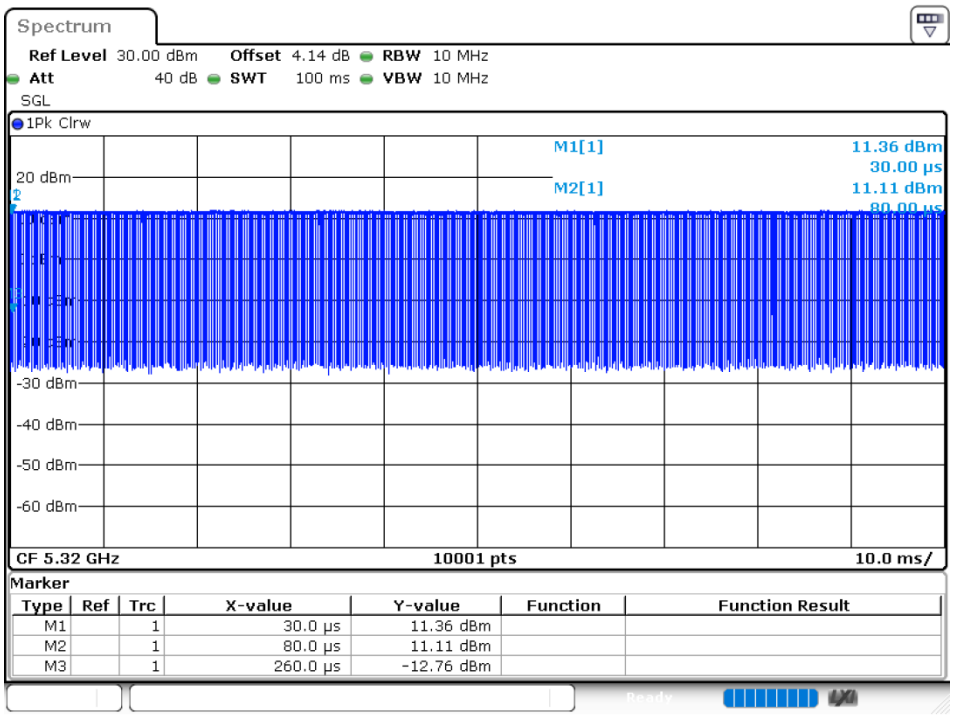
Duty Cycle NVNT n20 5260MHz Ant2



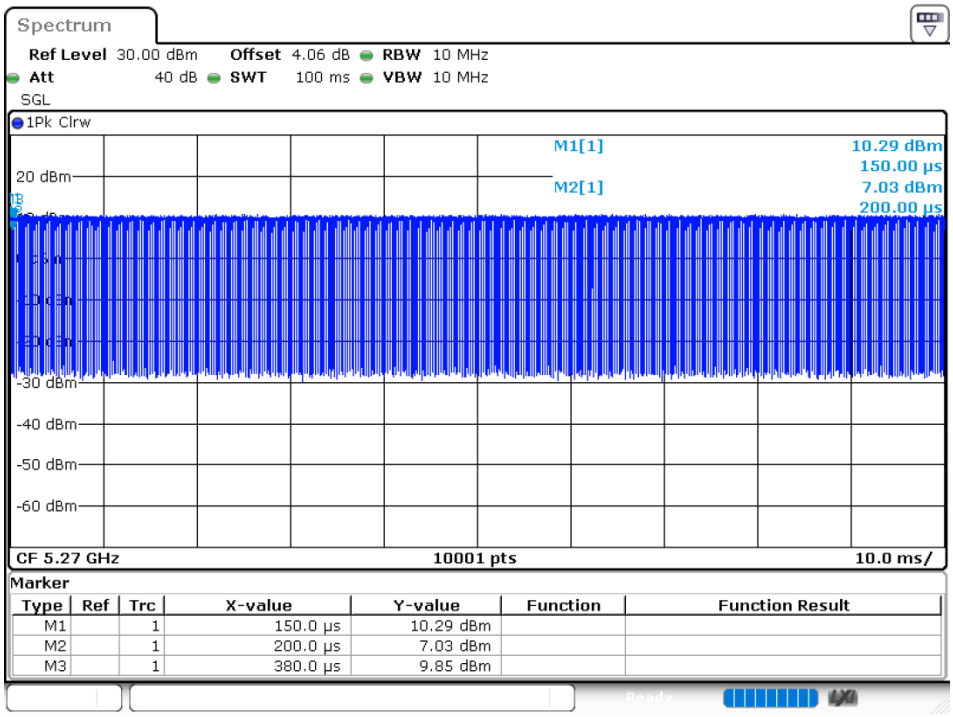
Duty Cycle NVNT n20 5280MHz Ant2



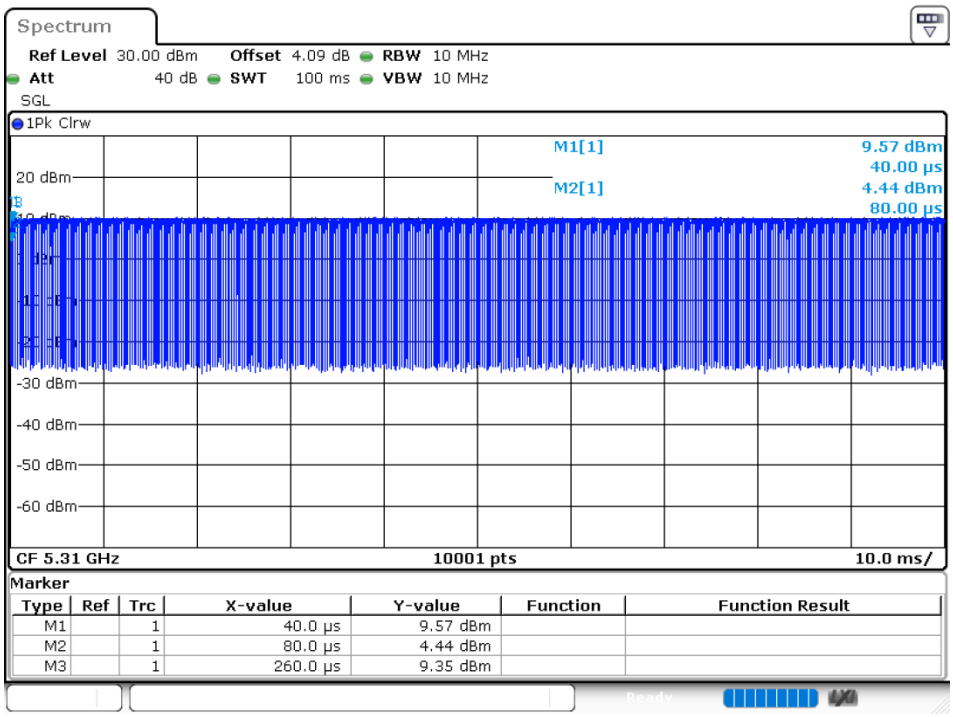
Duty Cycle NVNT n20 5320MHz Ant2



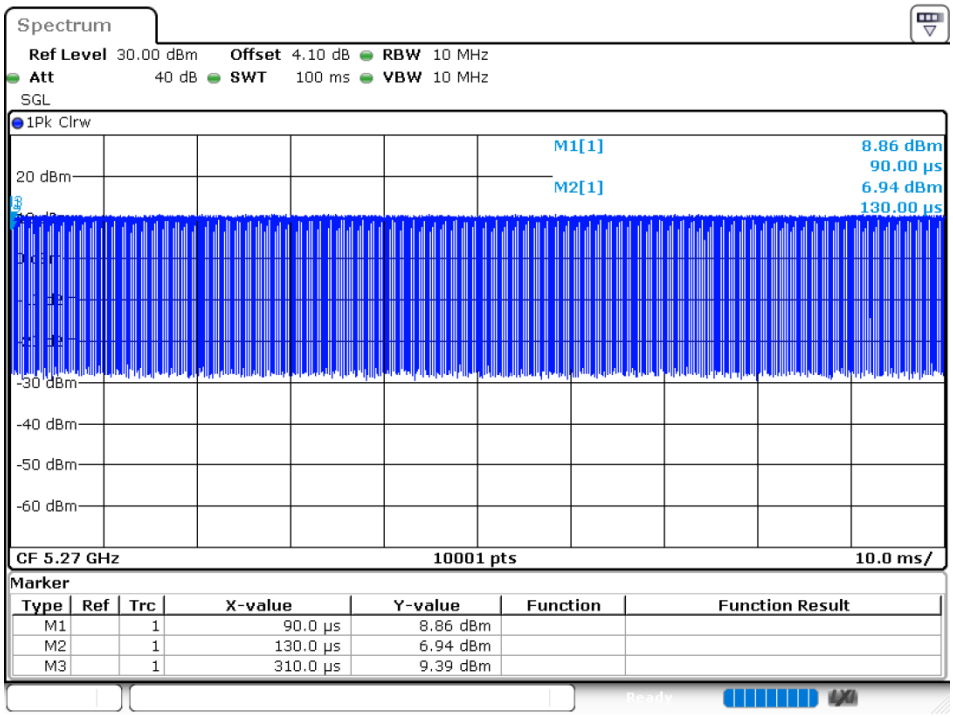
Duty Cycle NVNT n40 5270MHz Ant1



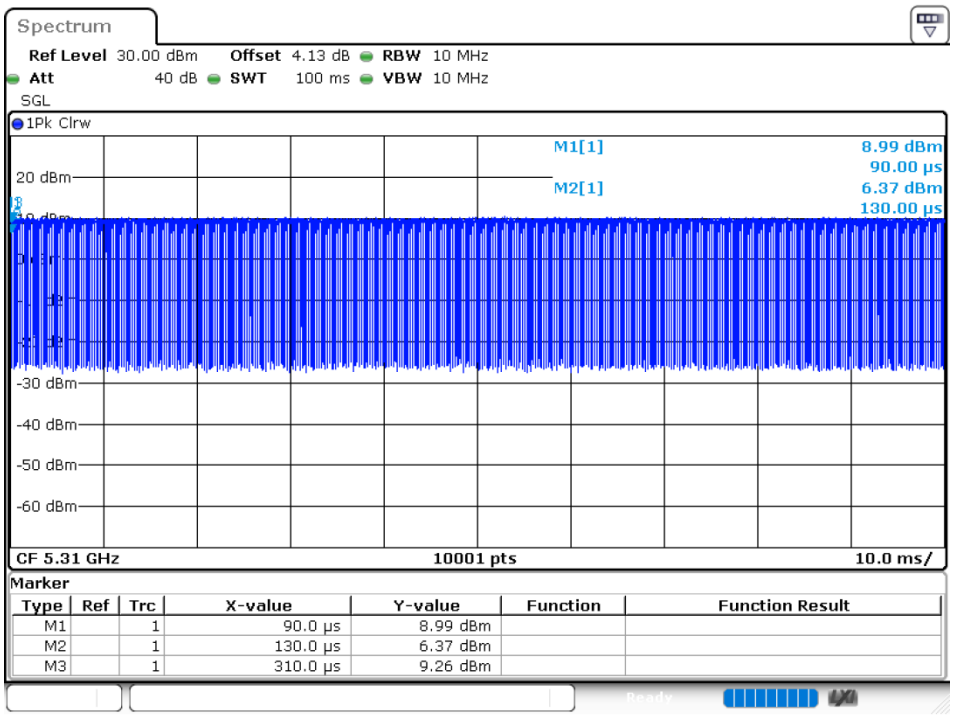
Duty Cycle NVNT n40 5310MHz Ant1



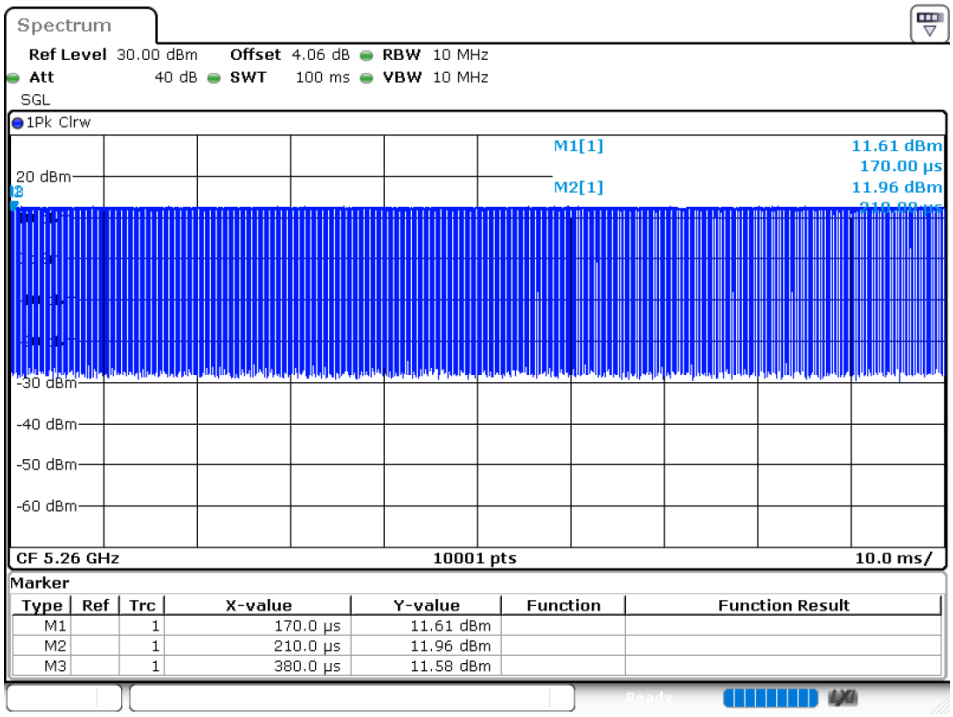
Duty Cycle NVNT n40 5270MHz Ant2



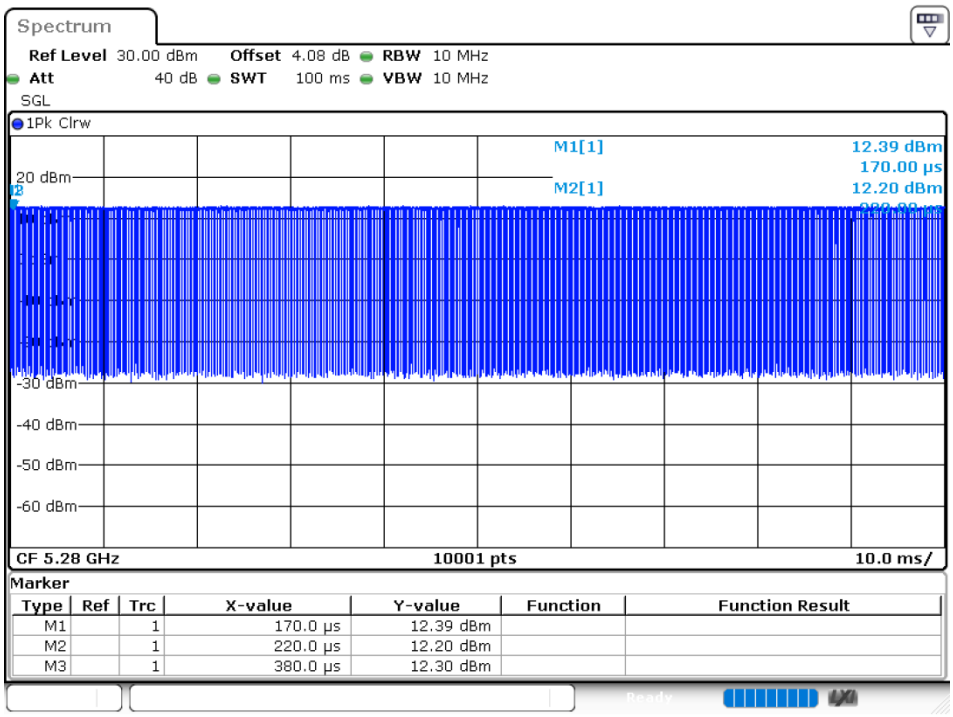
Duty Cycle NVNT n40 5310MHz Ant2



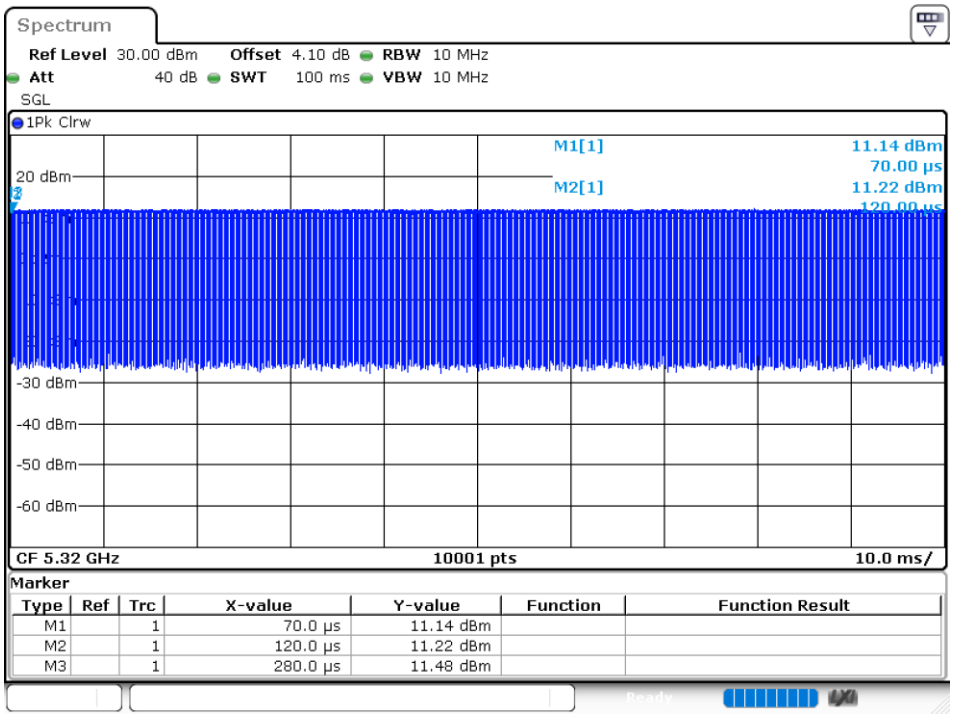
Duty Cycle NVNT ac20 5260MHz Ant1



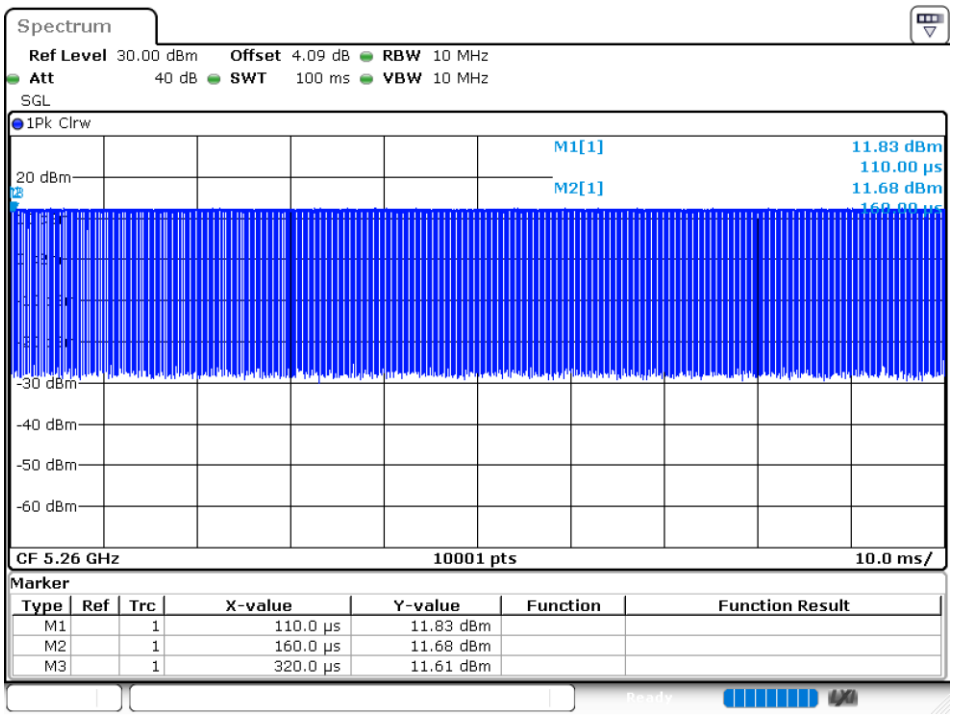
Duty Cycle NVNT ac20 5280MHz Ant1



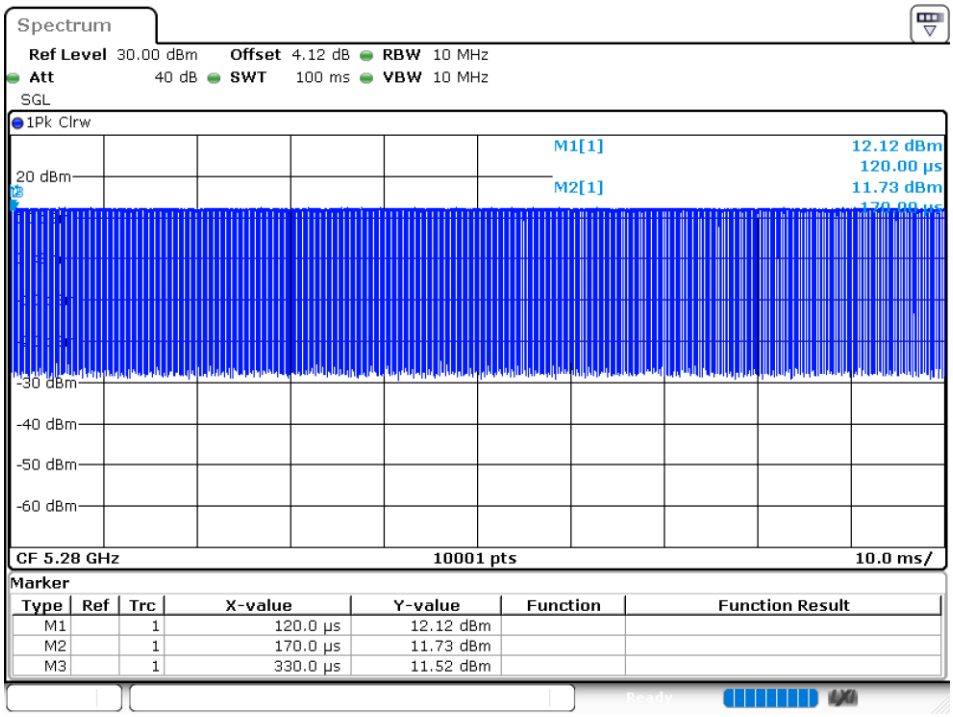
Duty Cycle NVNT ac20 5320MHz Ant1



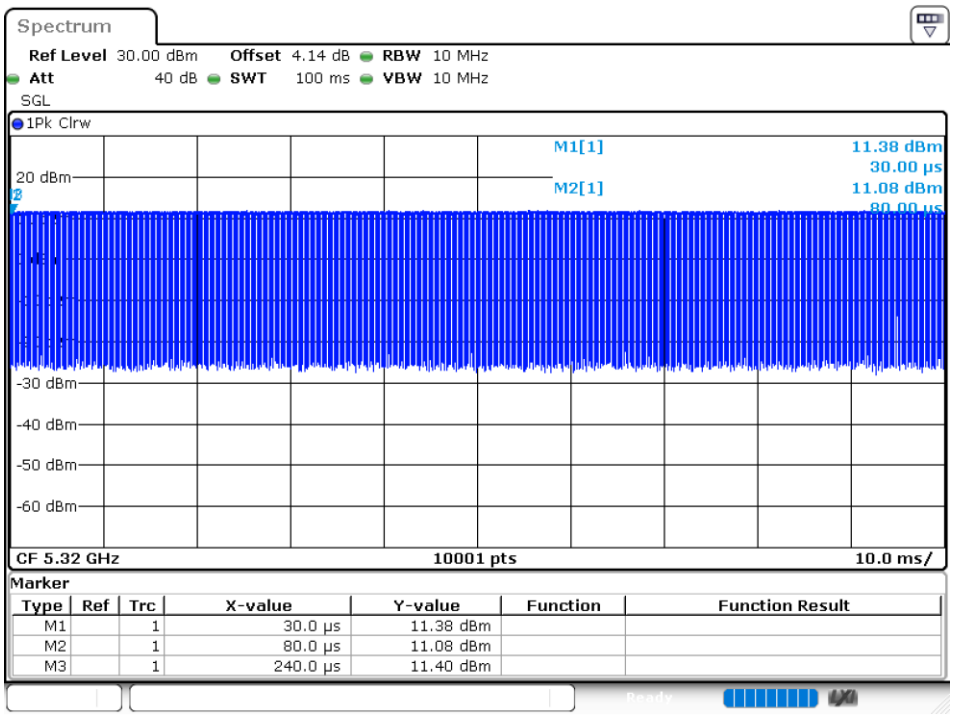
Duty Cycle NVNT ac20 5260MHz Ant2



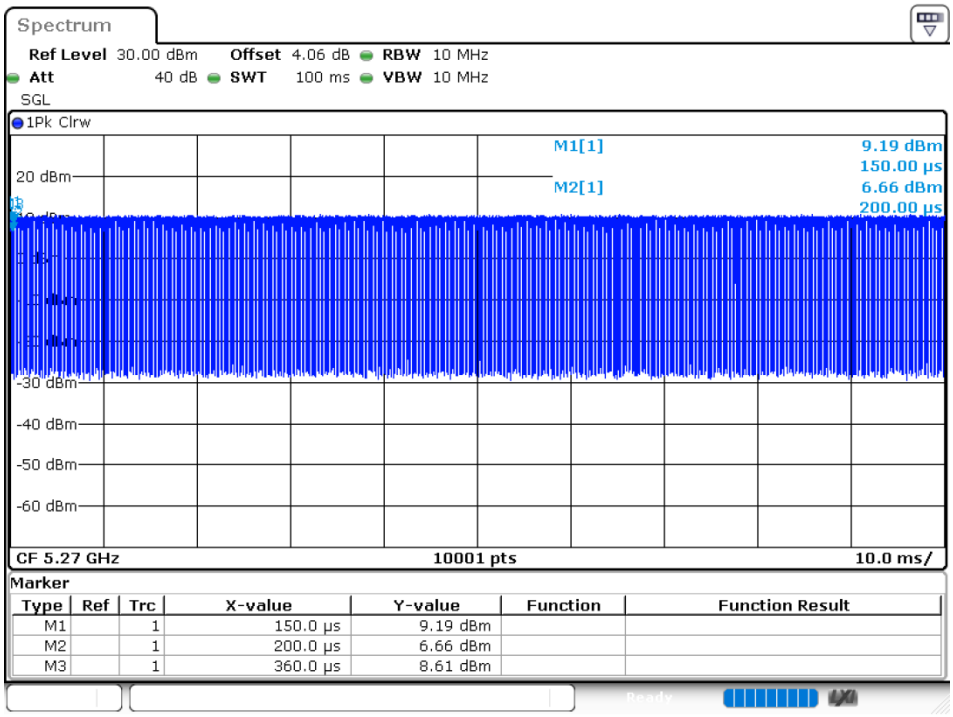
Duty Cycle NVNT ac20 5280MHz Ant2



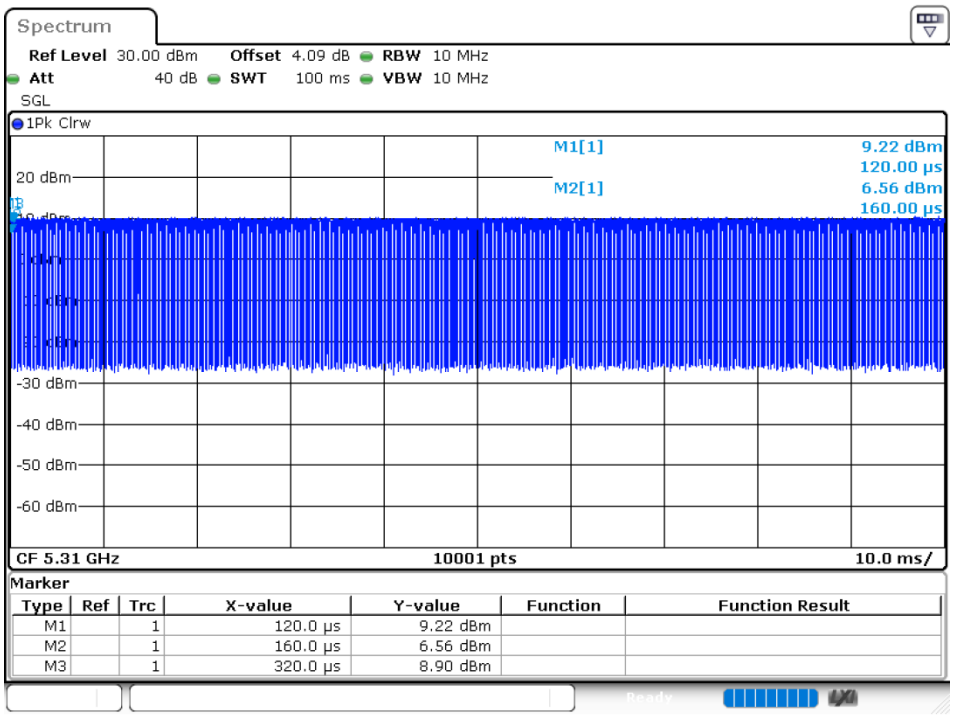
Duty Cycle NVNT ac20 5320MHz Ant2



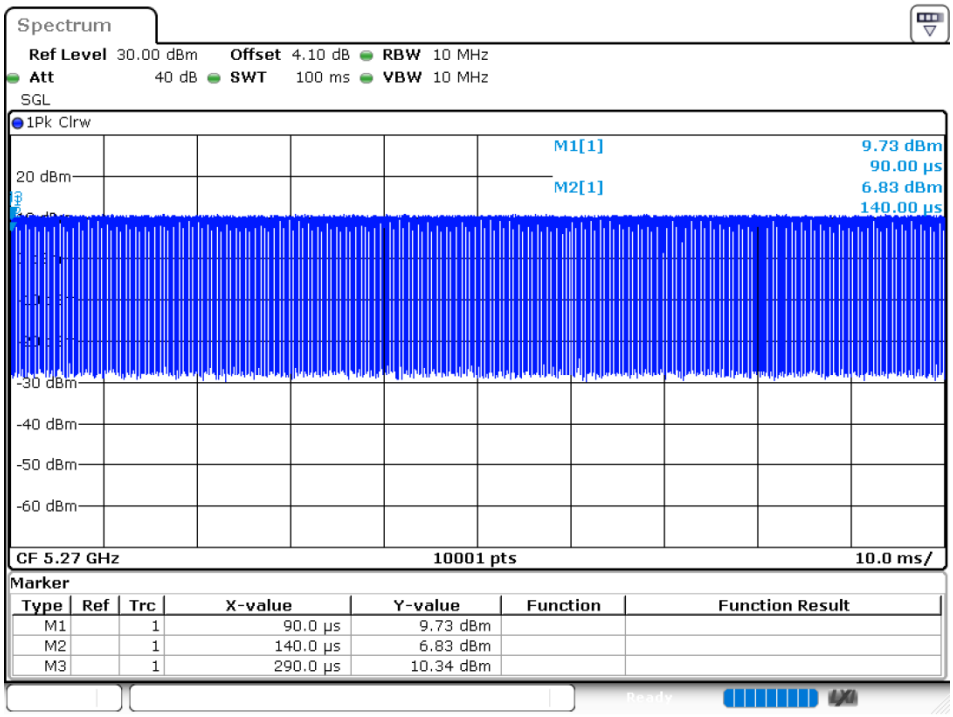
Duty Cycle NVNT ac40 5270MHz Ant1



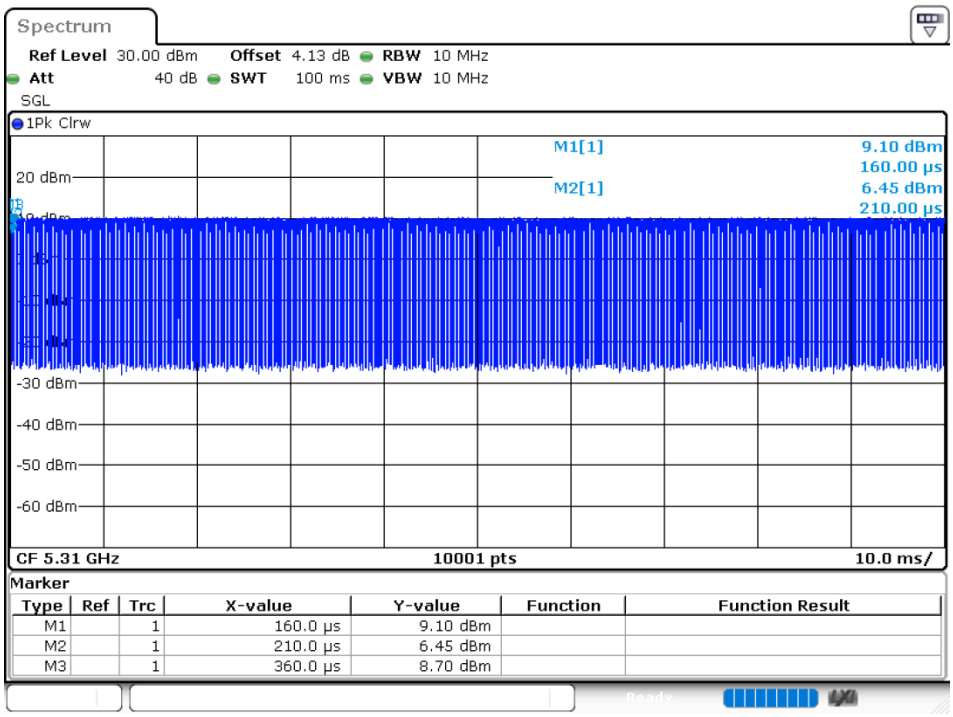
Duty Cycle NVNT ac40 5310MHz Ant1



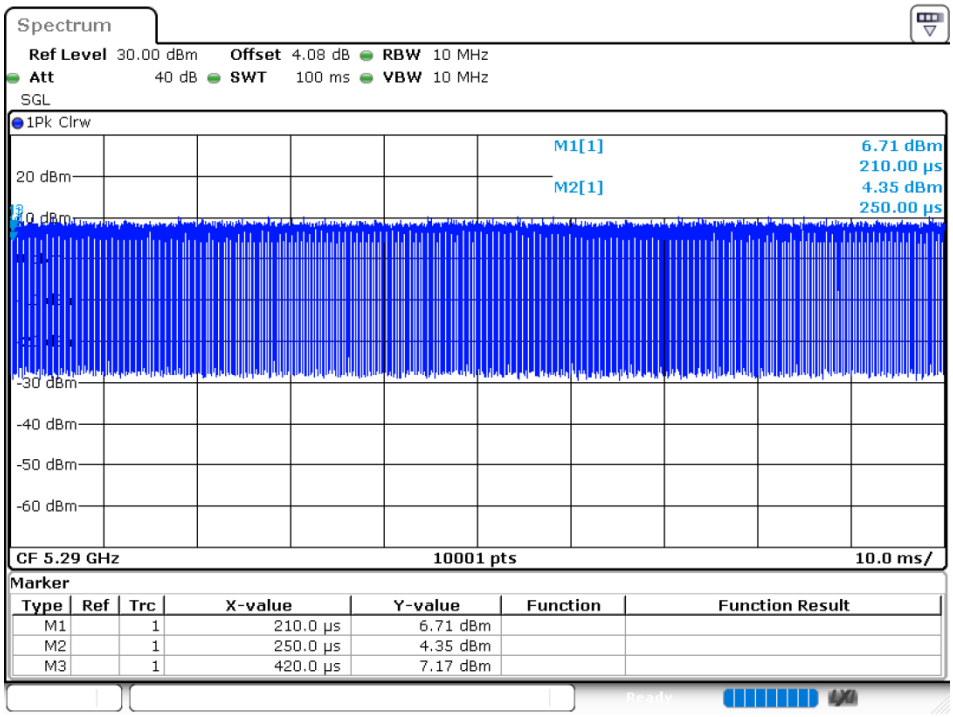
Duty Cycle NVNT ac40 5270MHz Ant2



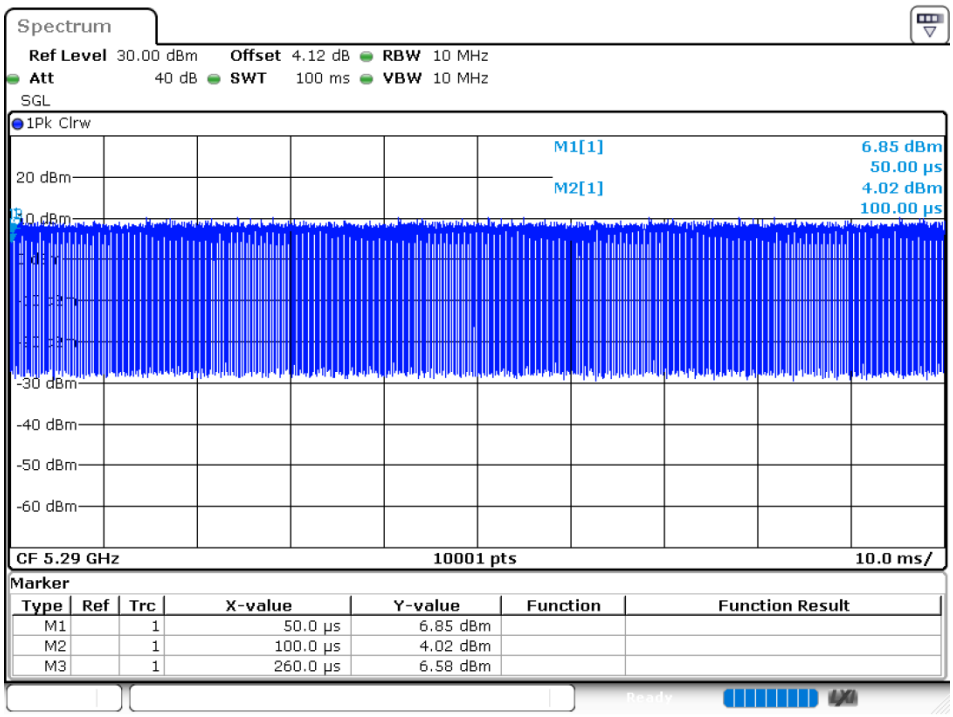
Duty Cycle NVNT ac40 5310MHz Ant2



Duty Cycle NVNT ac80 5290MHz Ant1



Duty Cycle NVNT ac80 5290MHz Ant2



Maximum Conducted Output Power

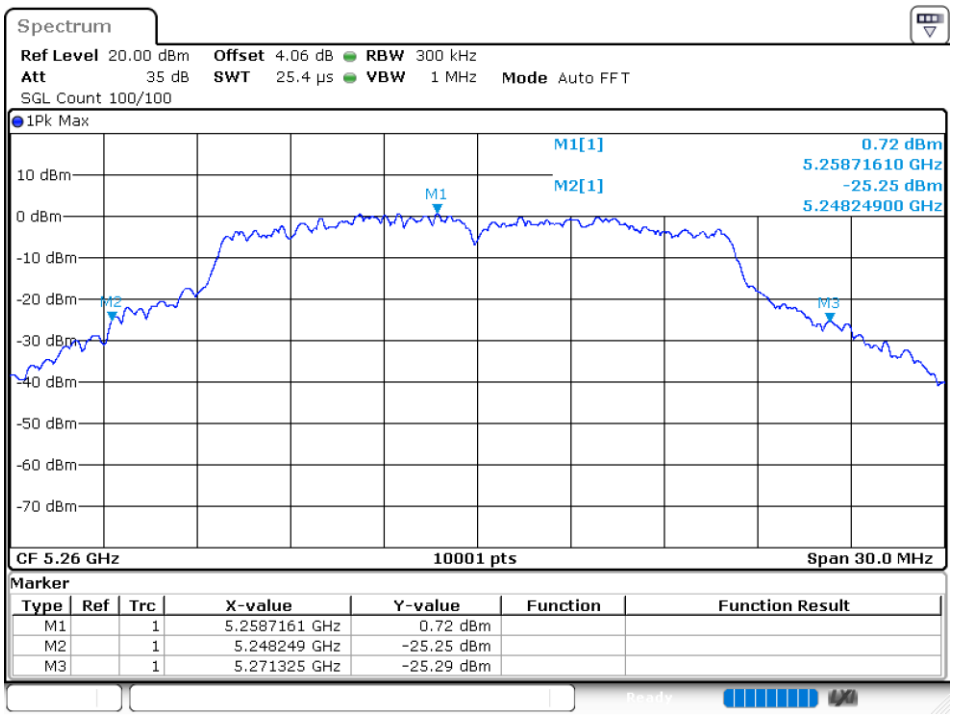
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	10.72	0	10.72	24	Pass
NVNT	a	5280	Ant1	10.81	0	10.81	24	Pass
NVNT	a	5320	Ant1	10.55	0	10.55	24	Pass
NVNT	a	5260	Ant2	10.39	0	10.39	24	Pass
NVNT	a	5280	Ant2	10.32	0	10.32	24	Pass
NVNT	a	5320	Ant2	10.12	0	10.12	24	Pass
NVNT	n20	5260	Ant1	10.57	0	10.57	24	Pass
NVNT	n20	5280	Ant1	10.78	0	10.78	24	Pass
NVNT	n20	5320	Ant1	10.54	0	10.54	24	Pass
NVNT	n20	5260	Ant2	10.34	0	10.34	24	Pass
NVNT	n20	5280	Ant2	10.26	0	10.26	24	Pass
NVNT	n20	5320	Ant2	10.14	0	10.14	24	Pass
NVNT	n40	5270	Ant1	10.3	0	10.3	24	Pass
NVNT	n40	5310	Ant1	10.47	0	10.47	24	Pass
NVNT	n40	5270	Ant2	10.28	0	10.28	24	Pass
NVNT	n40	5310	Ant2	10.06	0	10.06	24	Pass
NVNT	ac20	5260	Ant1	10.67	0	10.67	24	Pass
NVNT	ac20	5280	Ant1	10.81	0	10.81	24	Pass
NVNT	ac20	5320	Ant1	10.56	0	10.56	24	Pass
NVNT	ac20	5260	Ant2	10.32	0	10.32	24	Pass
NVNT	ac20	5280	Ant2	10.29	0	10.29	24	Pass
NVNT	ac20	5320	Ant2	10.06	0	10.06	24	Pass
NVNT	ac40	5270	Ant1	10.18	0	10.18	24	Pass
NVNT	ac40	5310	Ant1	10.4	0	10.4	24	Pass
NVNT	ac40	5270	Ant2	10.34	0	10.34	24	Pass
NVNT	ac40	5310	Ant2	10.17	0	10.17	24	Pass
NVNT	ac80	5290	Ant1	10.55	0	10.55	24	Pass
NVNT	ac80	5290	Ant2	10.53	0	10.53	24	Pass

-26dB Bandwidth

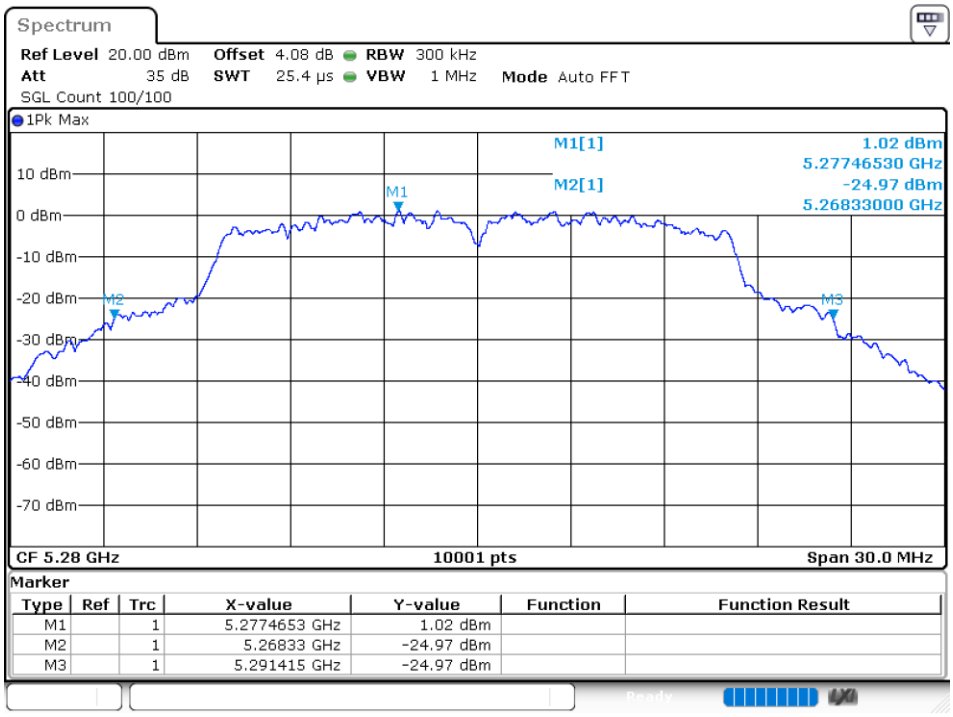
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	23.076	Pass
NVNT	a	5280	Ant1	23.085	Pass
NVNT	a	5320	Ant1	22.89	Pass
NVNT	a	5260	Ant2	22.905	Pass
NVNT	a	5280	Ant2	22.536	Pass
NVNT	a	5320	Ant2	22.041	Pass
NVNT	n20	5260	Ant1	22.593	Pass
NVNT	n20	5280	Ant1	22.686	Pass
NVNT	n20	5320	Ant1	22.548	Pass
NVNT	n20	5260	Ant2	22.431	Pass
NVNT	n20	5280	Ant2	22.263	Pass
NVNT	n20	5320	Ant2	22.905	Pass
NVNT	n40	5270	Ant1	43.266	Pass
NVNT	n40	5310	Ant1	43.272	Pass
NVNT	n40	5270	Ant2	43.458	Pass
NVNT	n40	5310	Ant2	42.576	Pass
NVNT	ac20	5260	Ant1	23.1	Pass
NVNT	ac20	5280	Ant1	23.091	Pass
NVNT	ac20	5320	Ant1	23.751	Pass
NVNT	ac20	5260	Ant2	22.599	Pass
NVNT	ac20	5280	Ant2	22.998	Pass
NVNT	ac20	5320	Ant2	22.305	Pass
NVNT	ac40	5270	Ant1	43.236	Pass
NVNT	ac40	5310	Ant1	43.098	Pass
NVNT	ac40	5270	Ant2	42.726	Pass
NVNT	ac40	5310	Ant2	43.728	Pass
NVNT	ac80	5290	Ant1	85.596	Pass
NVNT	ac80	5290	Ant2	85.596	Pass

Test Graphs

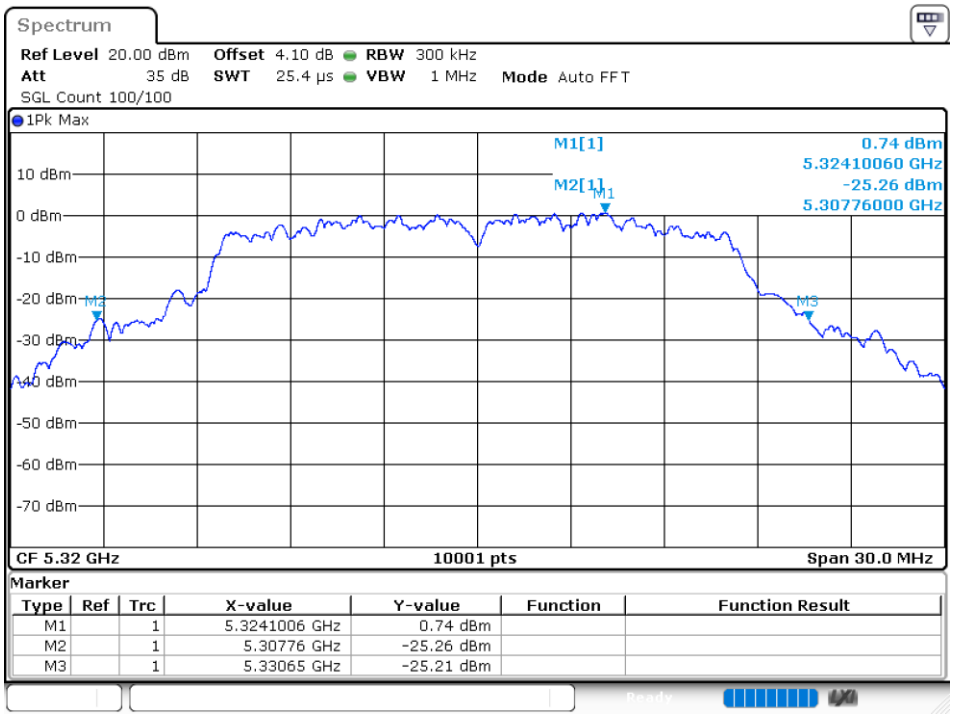
-26dB Bandwidth NVNT a 5260MHz Ant1



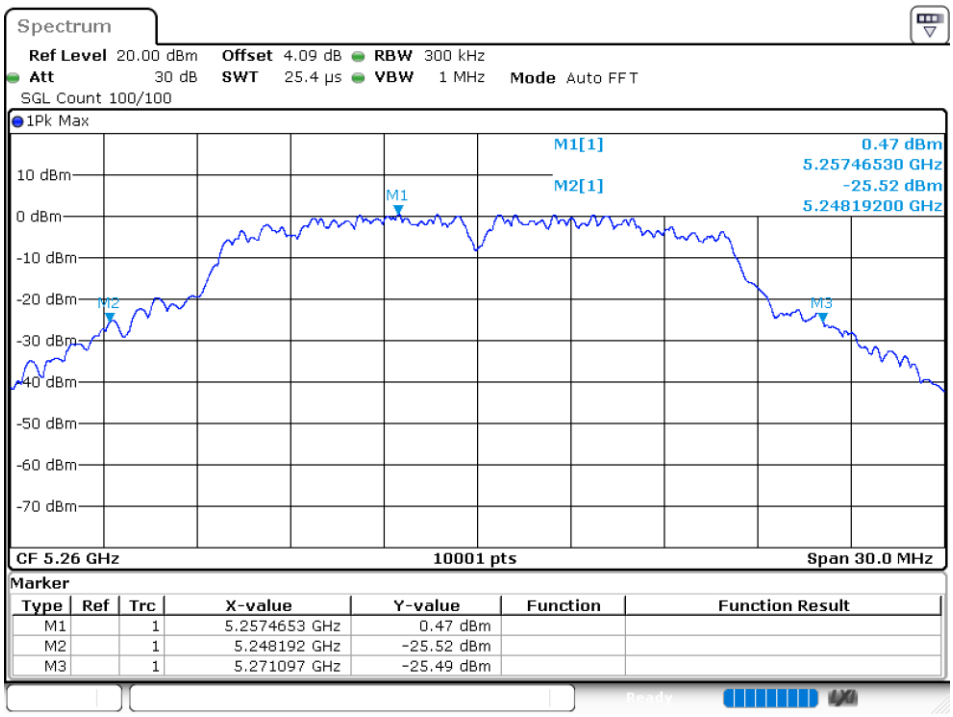
-26dB Bandwidth NVNT a 5280MHz Ant1



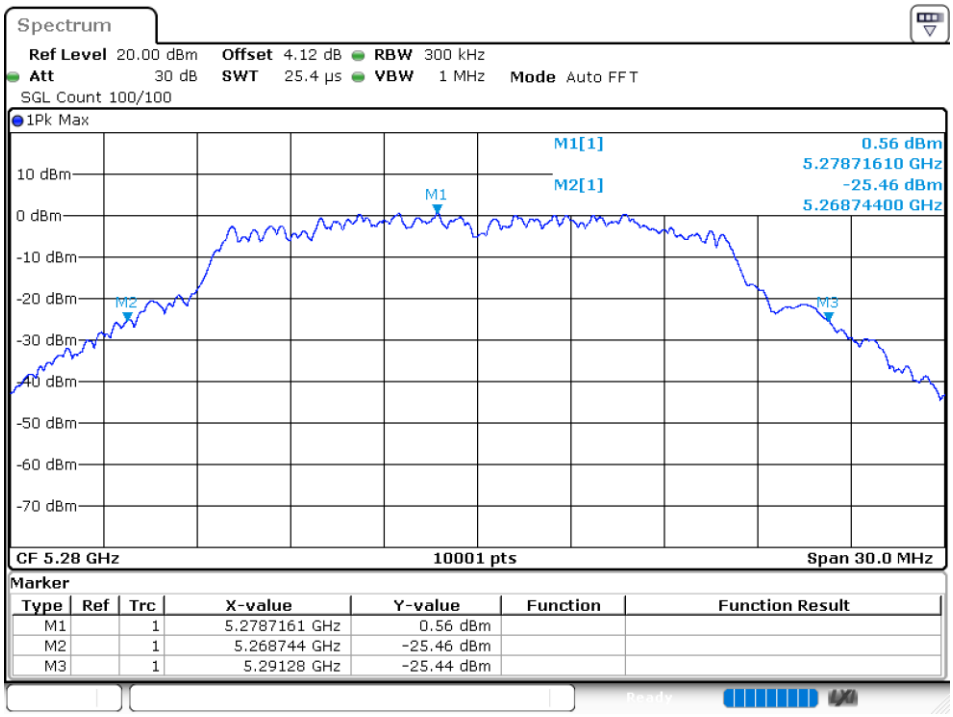
-26dB Bandwidth NVNT a 5320MHz Ant1



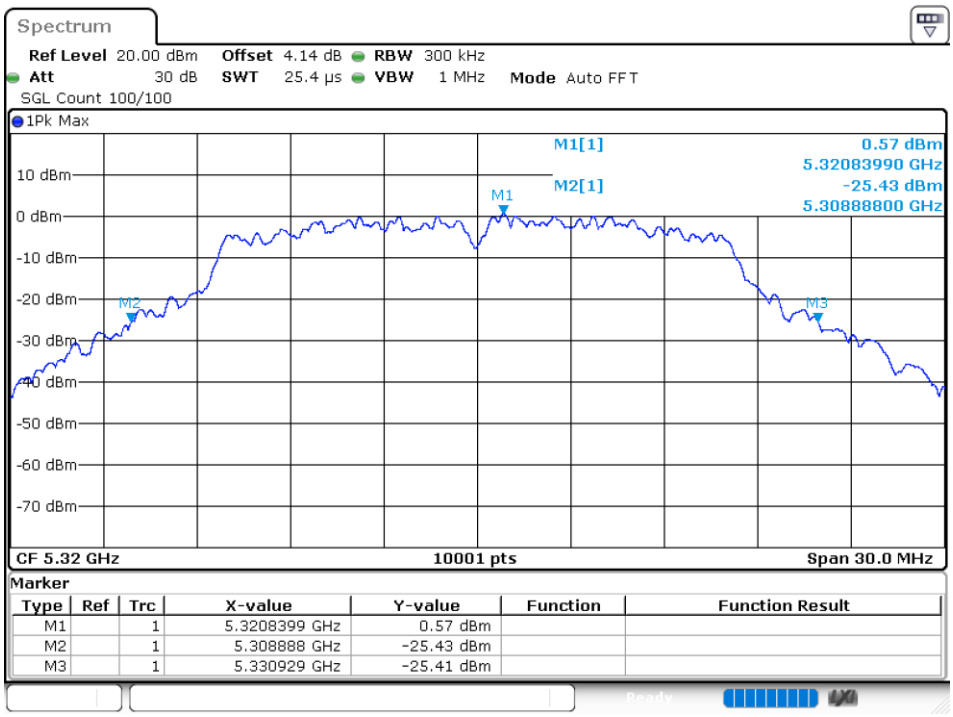
-26dB Bandwidth NVNT a 5260MHz Ant2



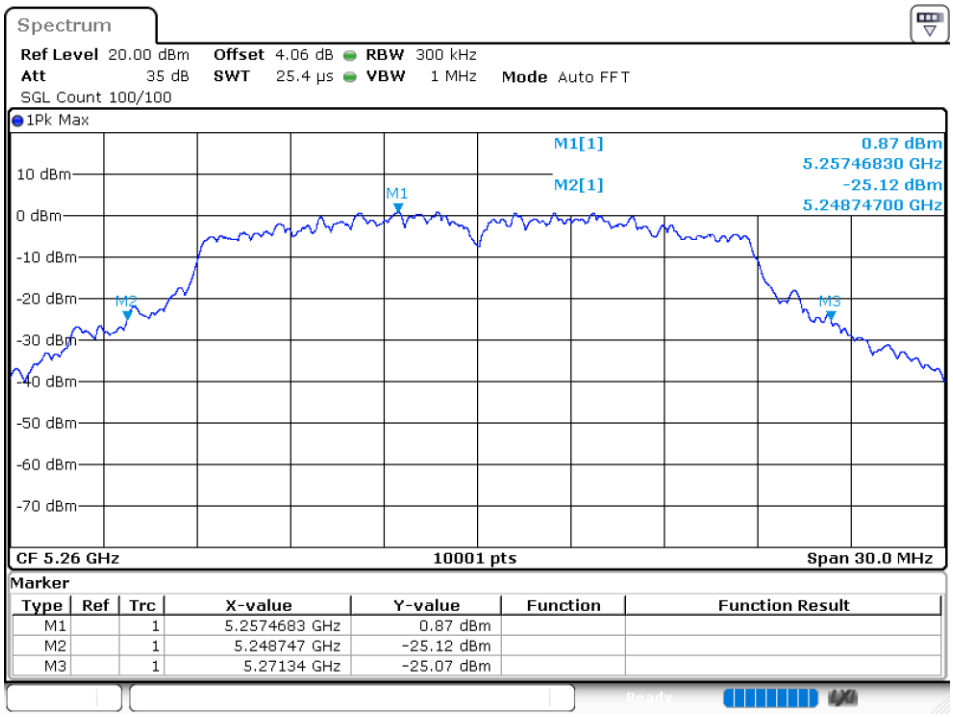
-26dB Bandwidth NVNT a 5280MHz Ant2



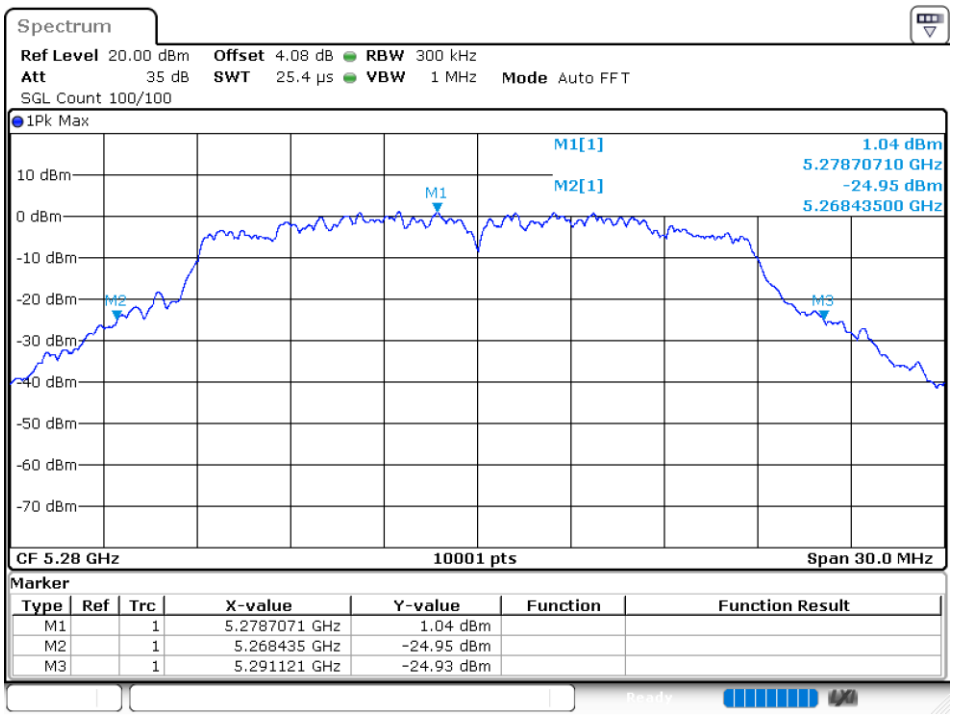
-26dB Bandwidth NVNT a 5320MHz Ant2



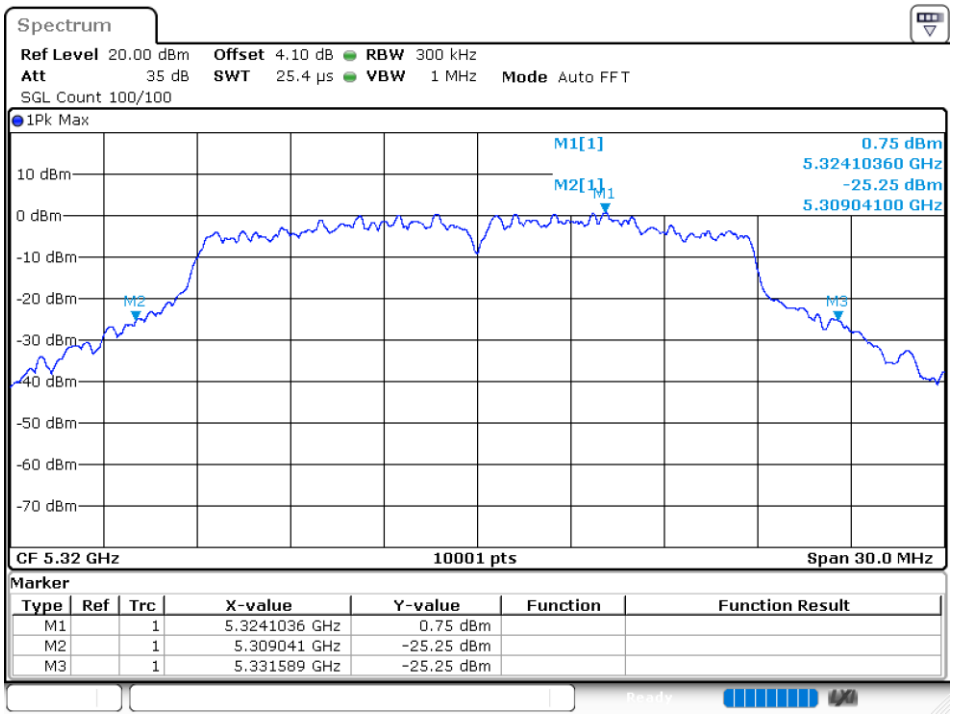
-26dB Bandwidth NVNT n20 5260MHz Ant1



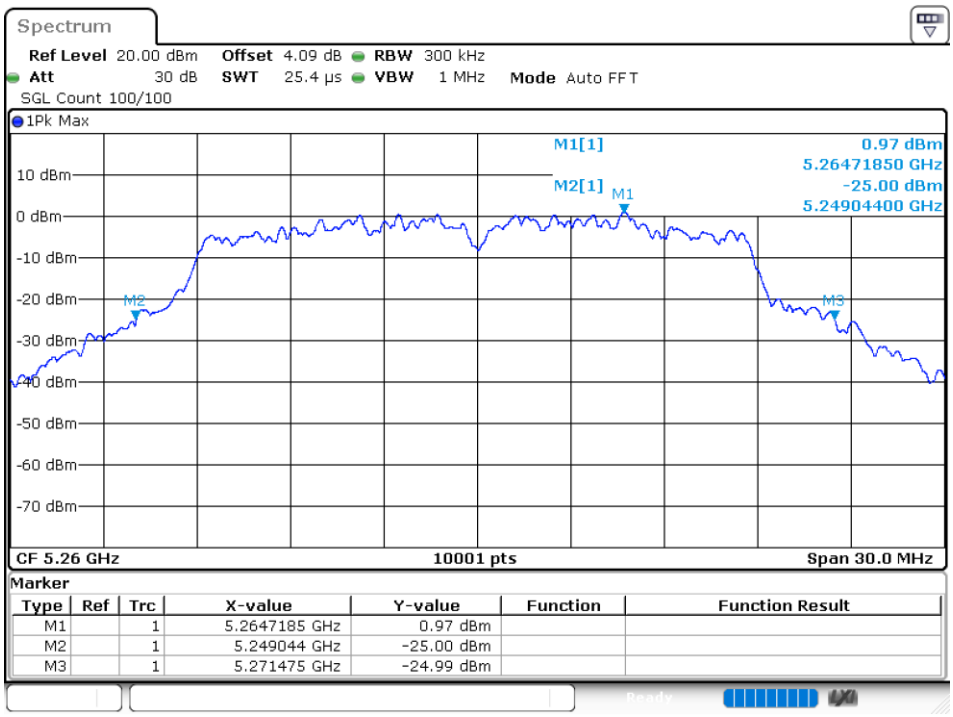
-26dB Bandwidth NVNT n20 5280MHz Ant1



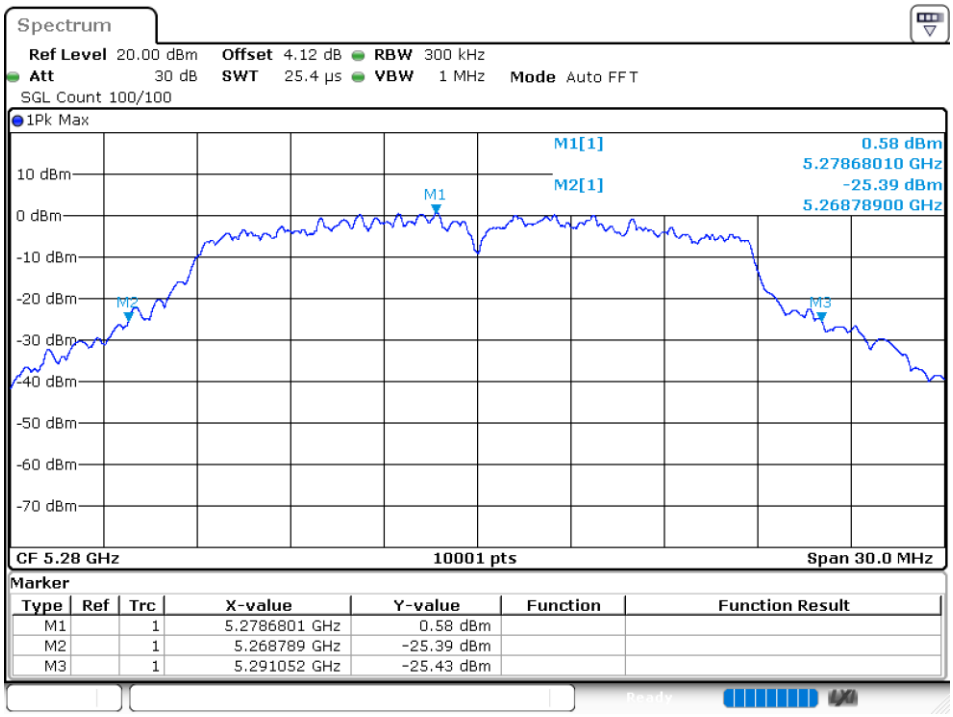
-26dB Bandwidth NVNT n20 5320MHz Ant1



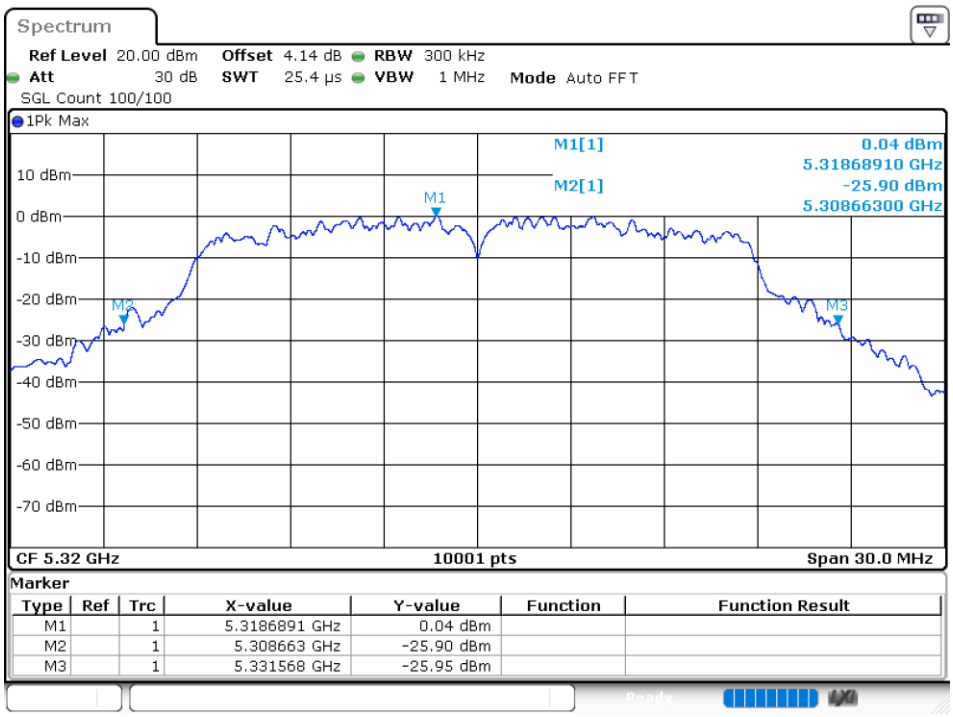
-26dB Bandwidth NVNT n20 5260MHz Ant2



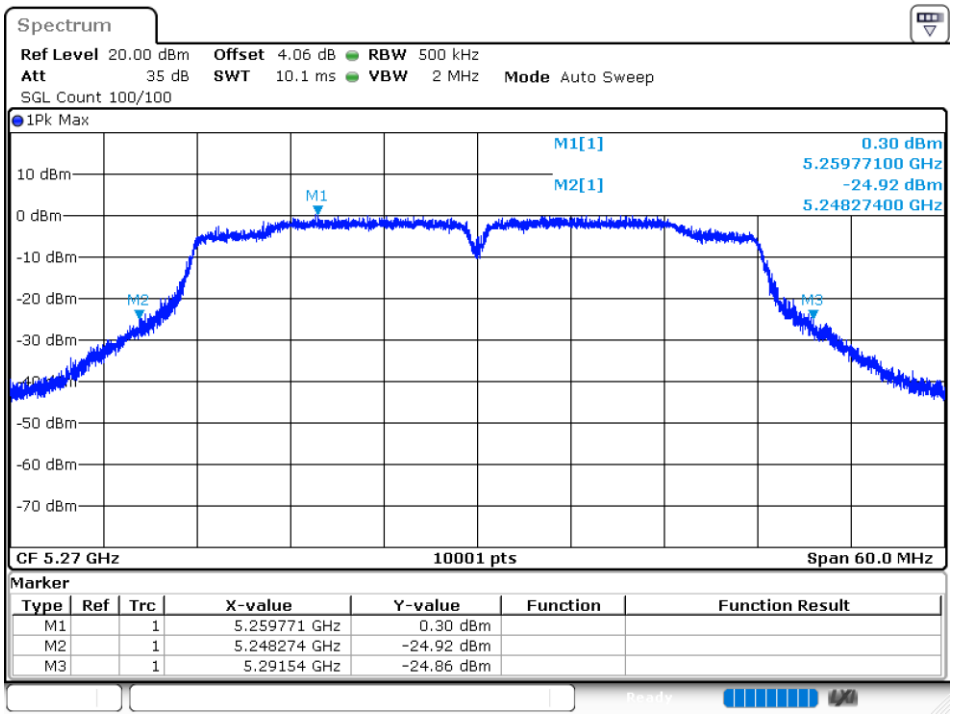
-26dB Bandwidth NVNT n20 5280MHz Ant2



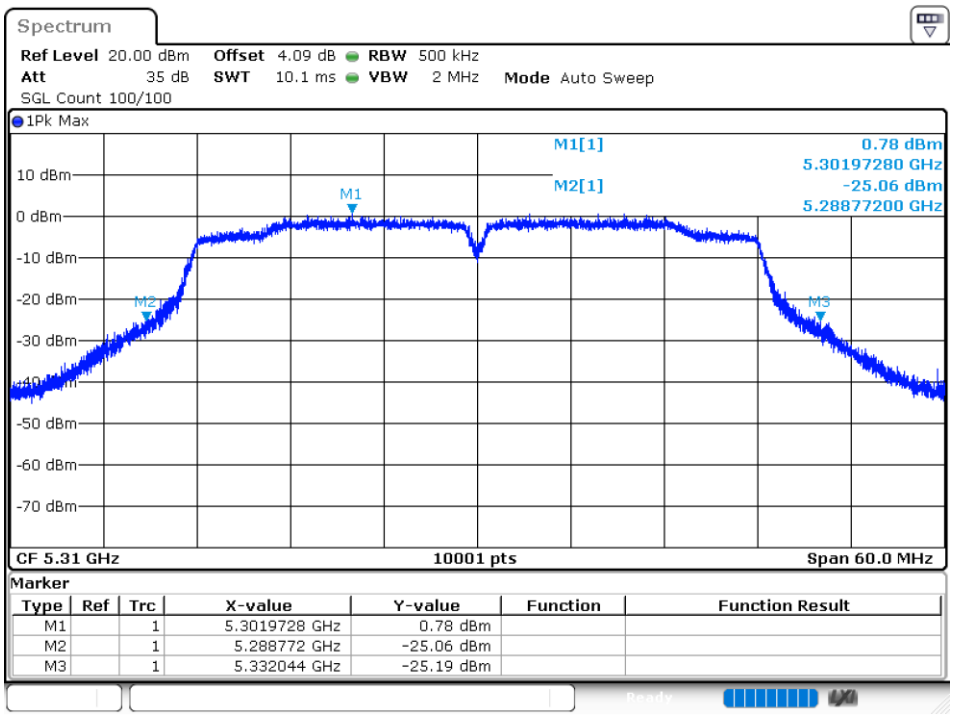
-26dB Bandwidth NVNT n20 5320MHz Ant2



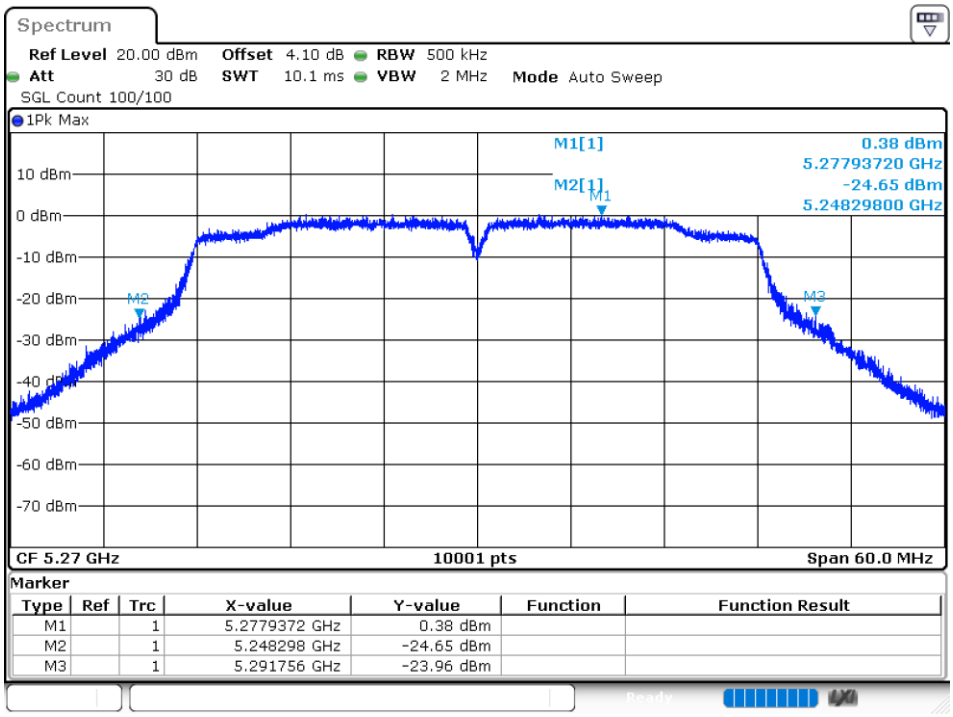
-26dB Bandwidth NVNT n40 5270MHz Ant1



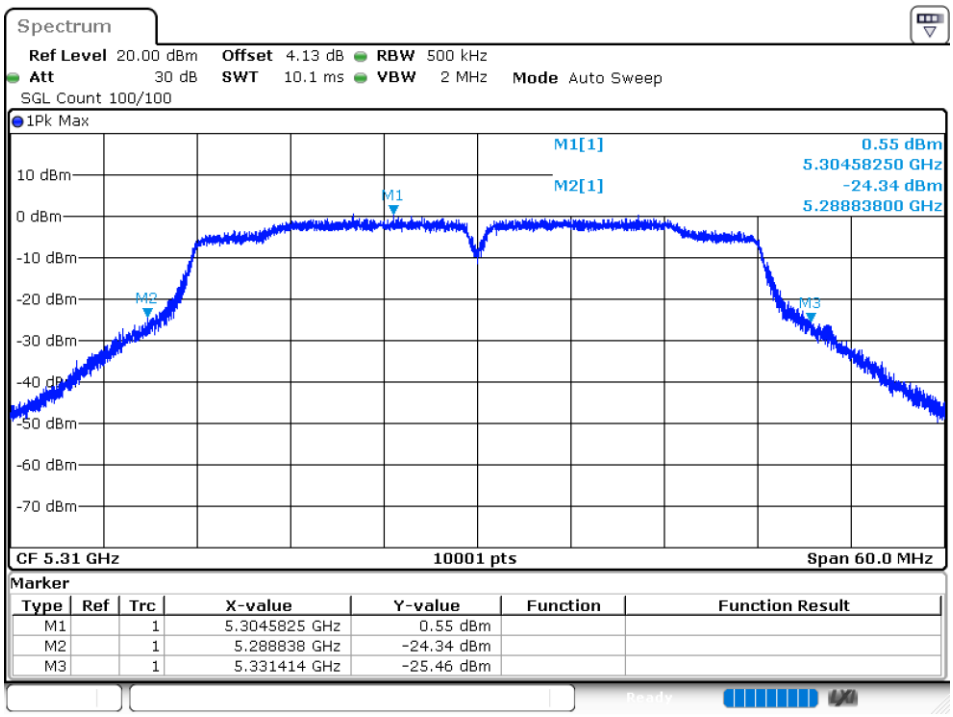
-26dB Bandwidth NVNT n40 5310MHz Ant1



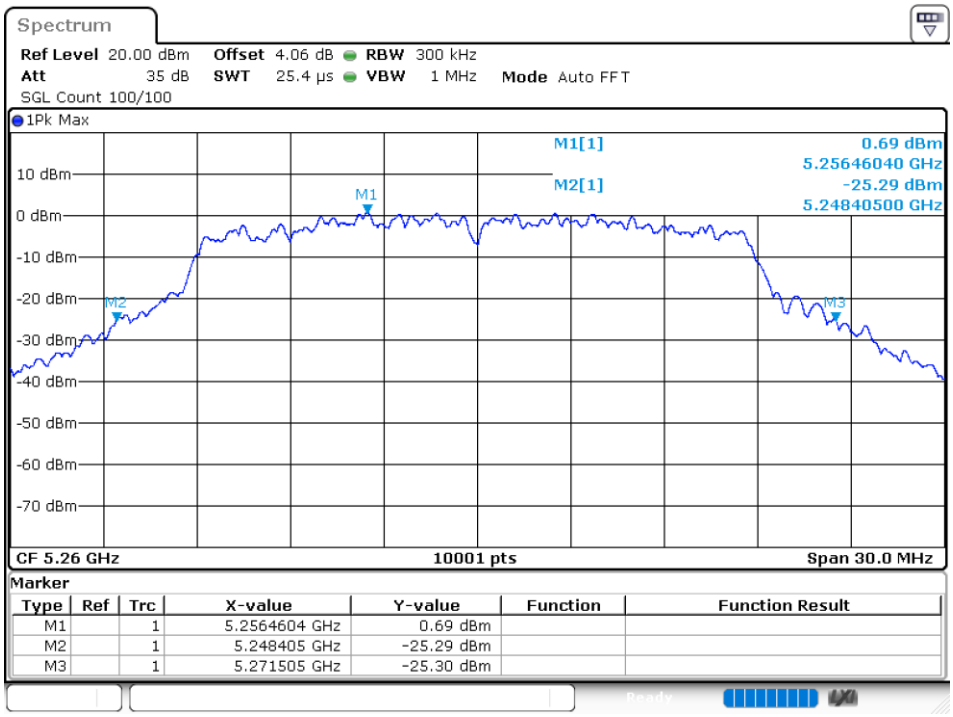
-26dB Bandwidth NVNT n40 5270MHz Ant2



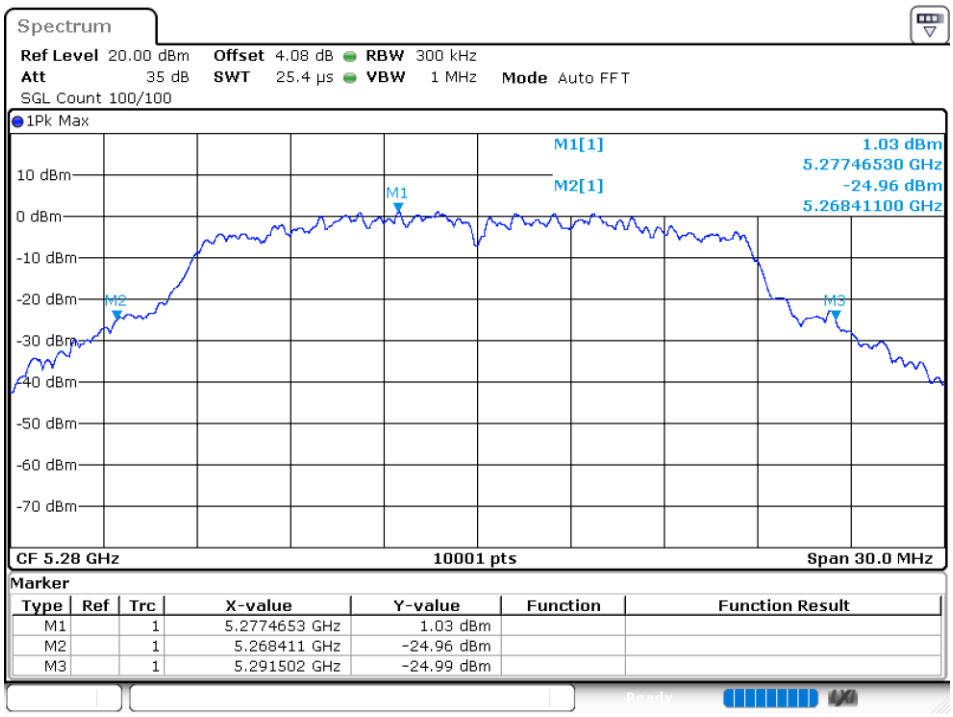
-26dB Bandwidth NVNT n40 5310MHz Ant2



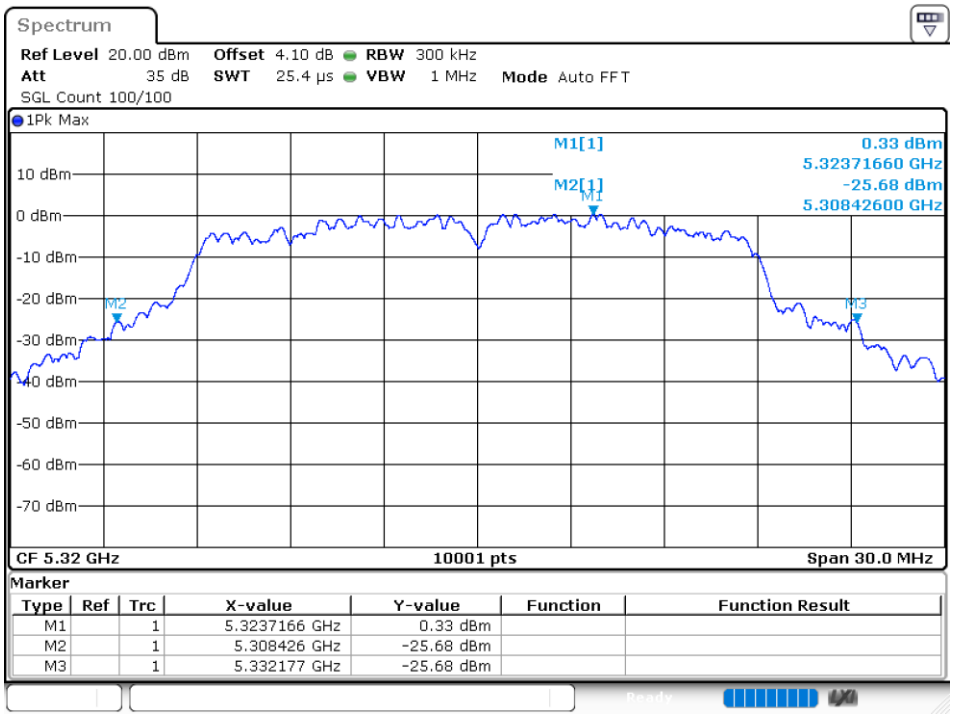
-26dB Bandwidth NVNT ac20 5260MHz Ant1



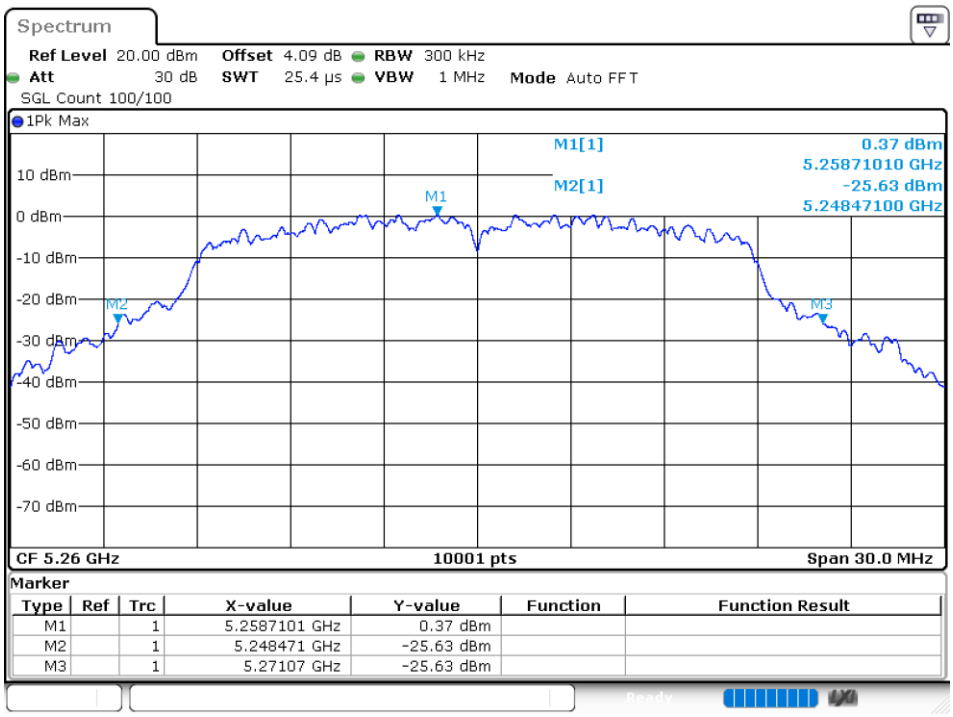
-26dB Bandwidth NVNT ac20 5280MHz Ant1



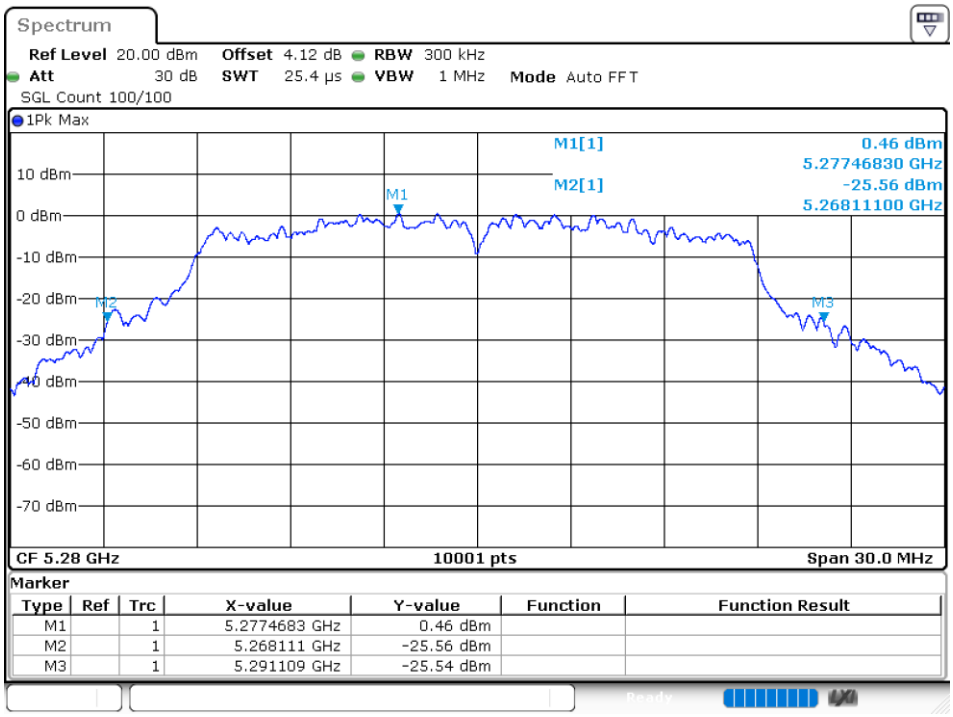
-26dB Bandwidth NVNT ac20 5320MHz Ant1



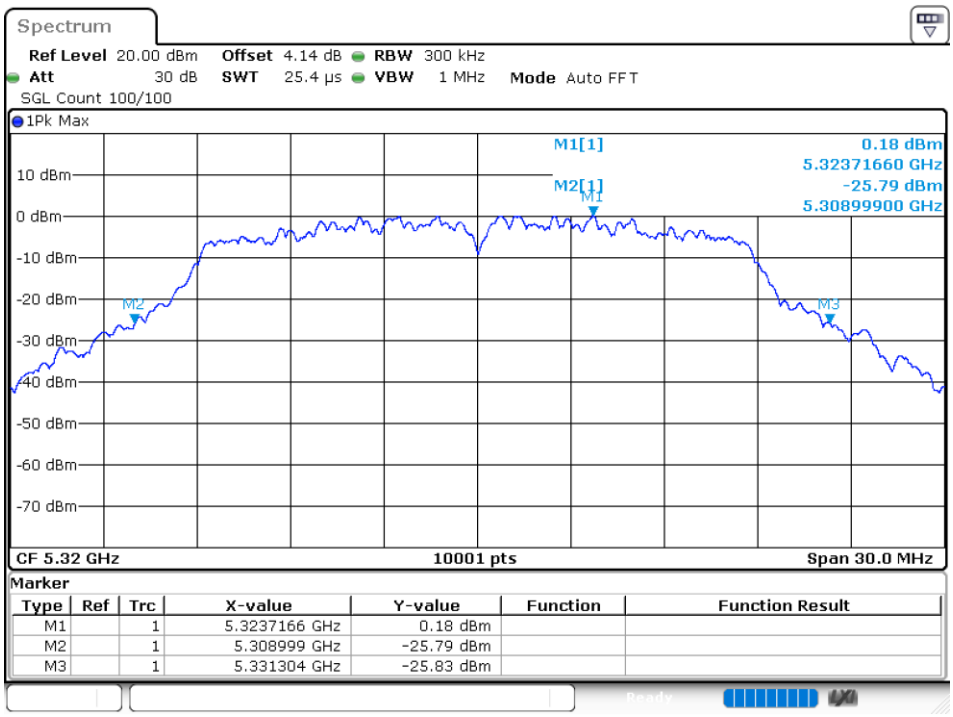
-26dB Bandwidth NVNT ac20 5260MHz Ant2



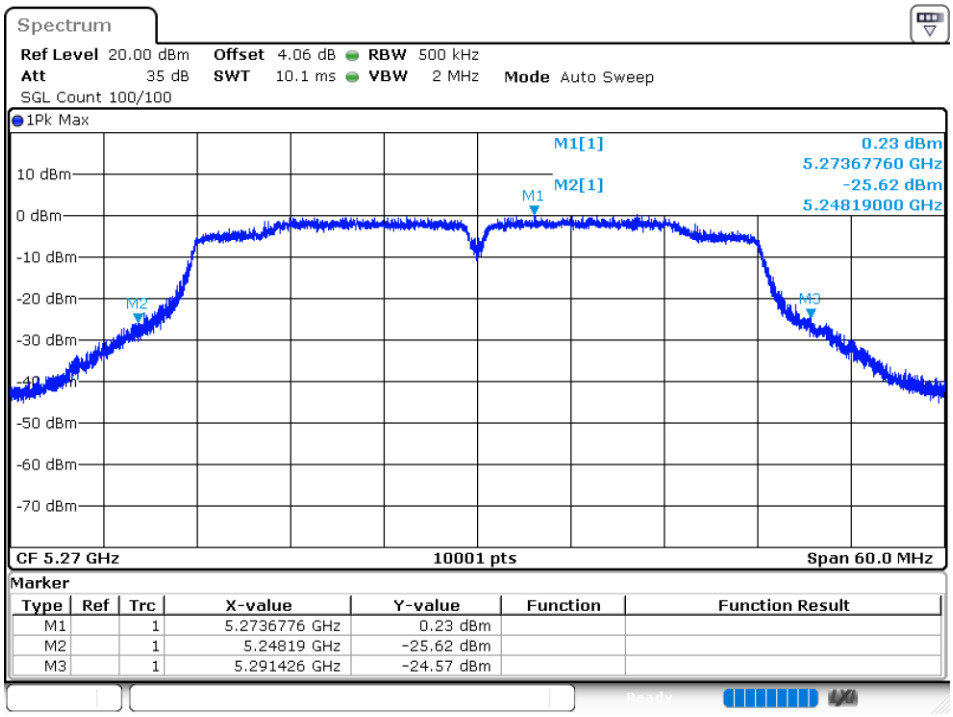
-26dB Bandwidth NVNT ac20 5280MHz Ant2



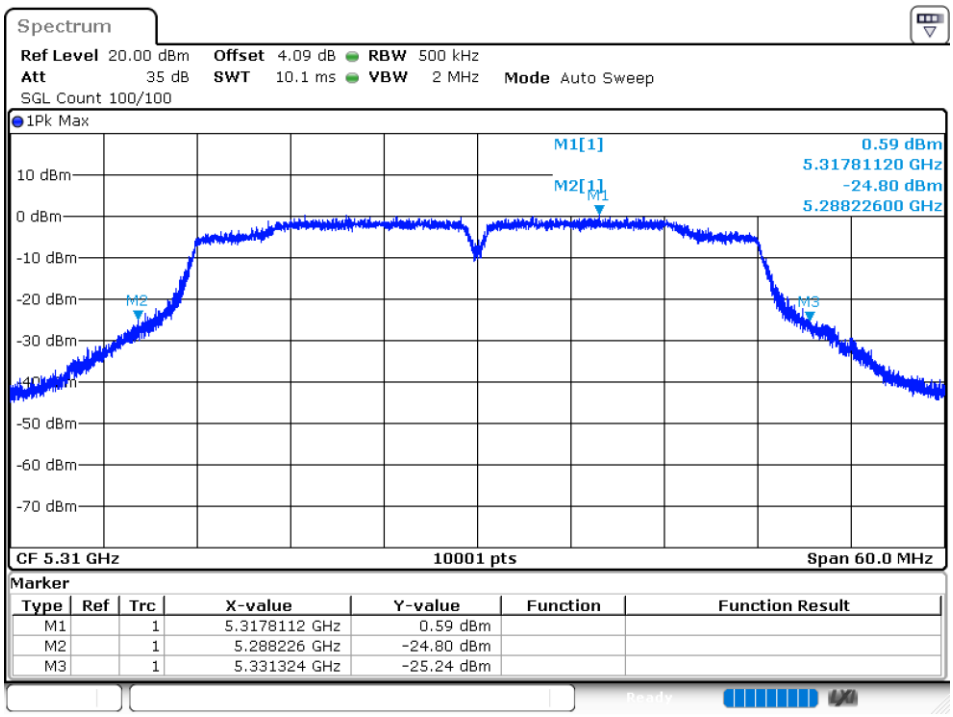
-26dB Bandwidth NVNT ac20 5320MHz Ant2



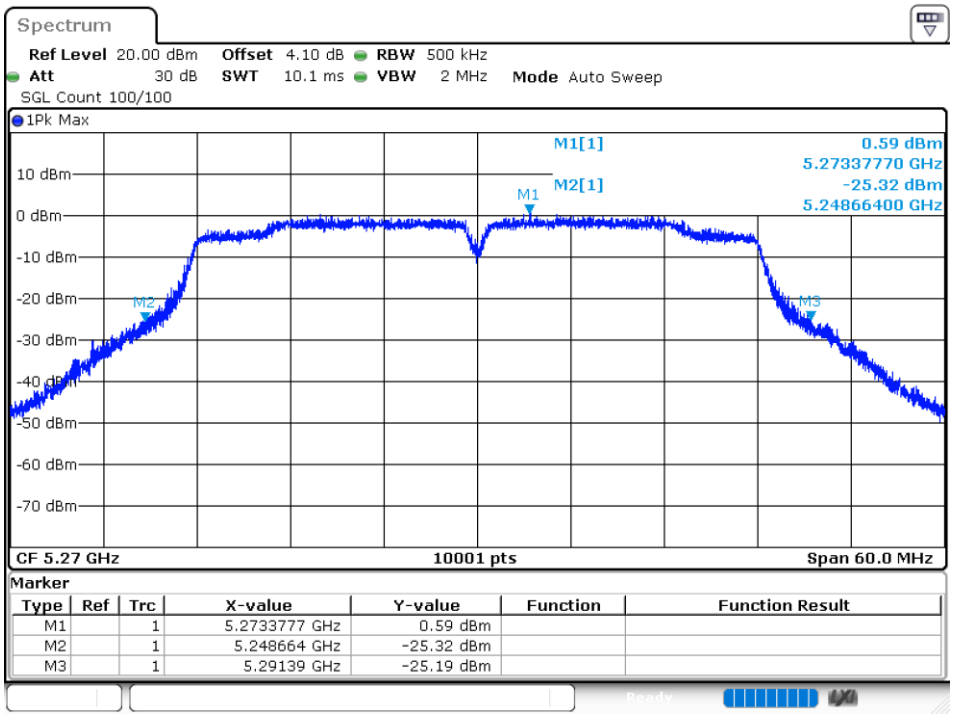
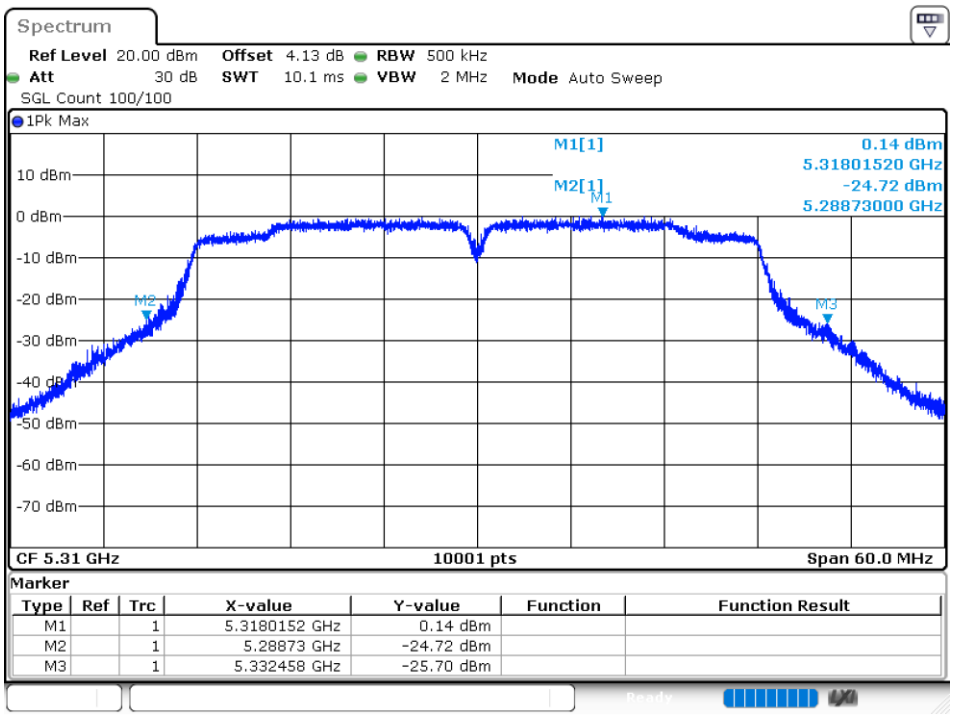
-26dB Bandwidth NVNT ac40 5270MHz Ant1



-26dB Bandwidth NVNT ac40 5310MHz Ant1



-26dB Bandwidth NVNT ac40 5270MHz Ant2



-26dB Bandwidth NVNT ac40 5310MHz Ant2