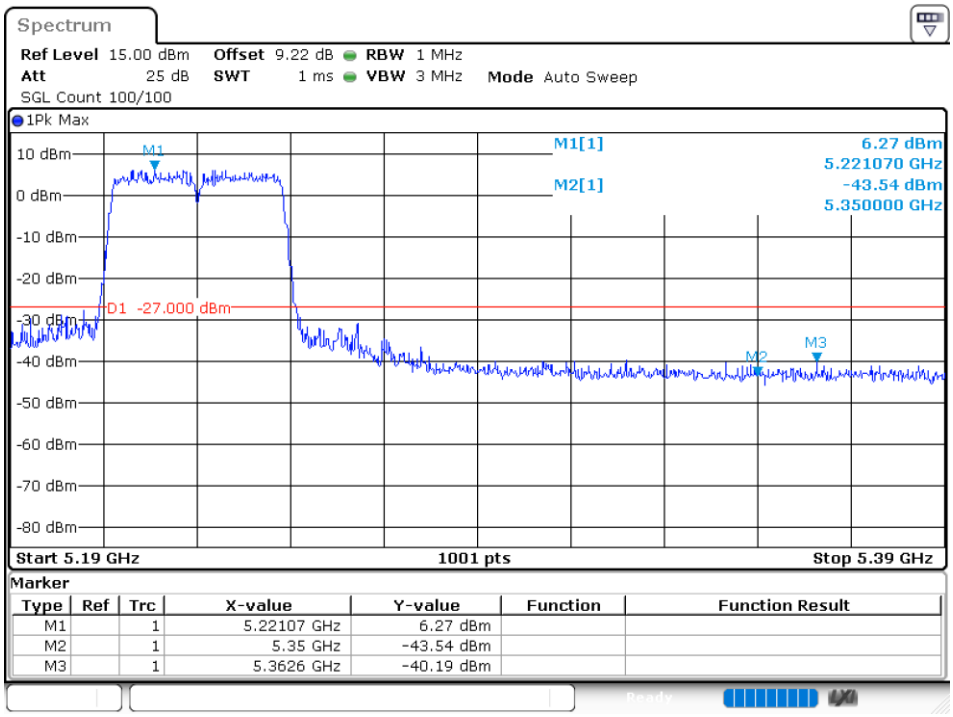
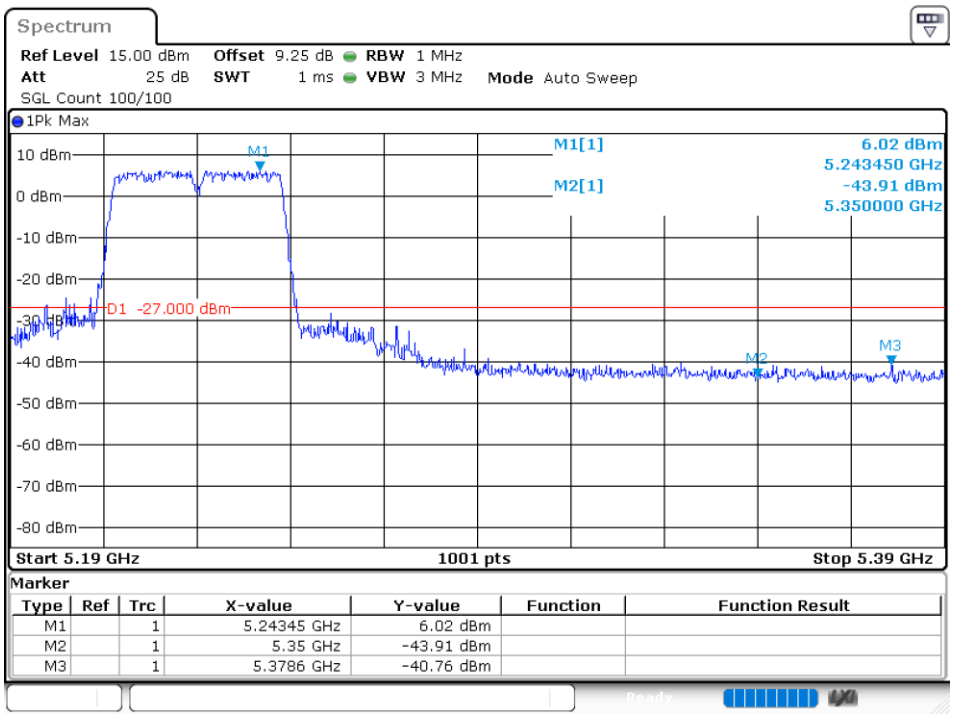
Band Edge NVNT n40 5230MHz High Ant1



Band Edge NVNT n40 5230MHz High Ant2

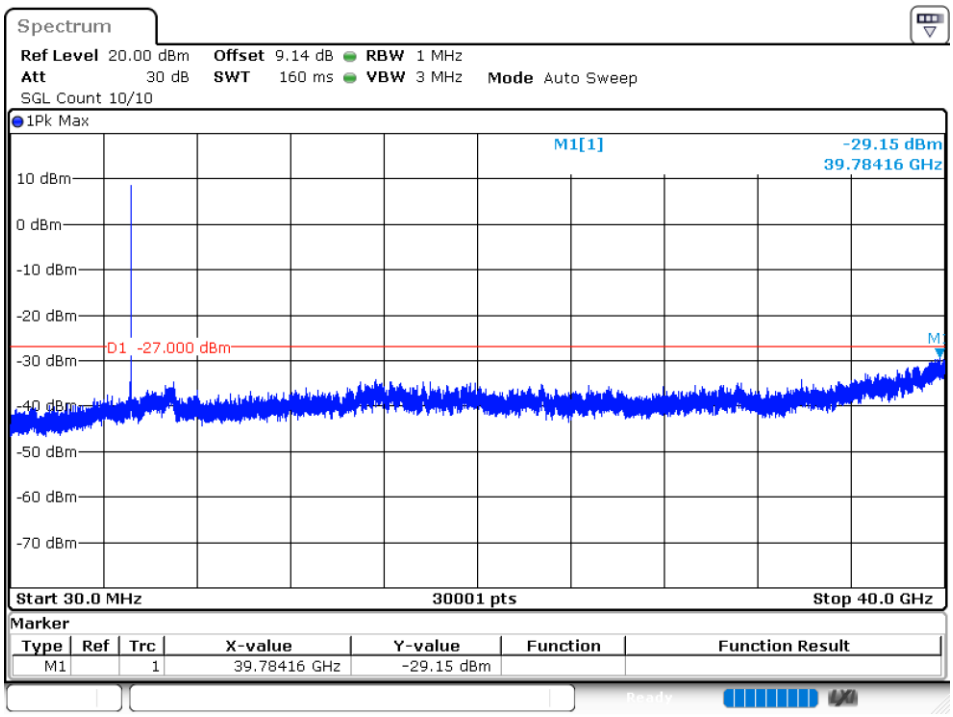


Conducted RF Spurious Emission

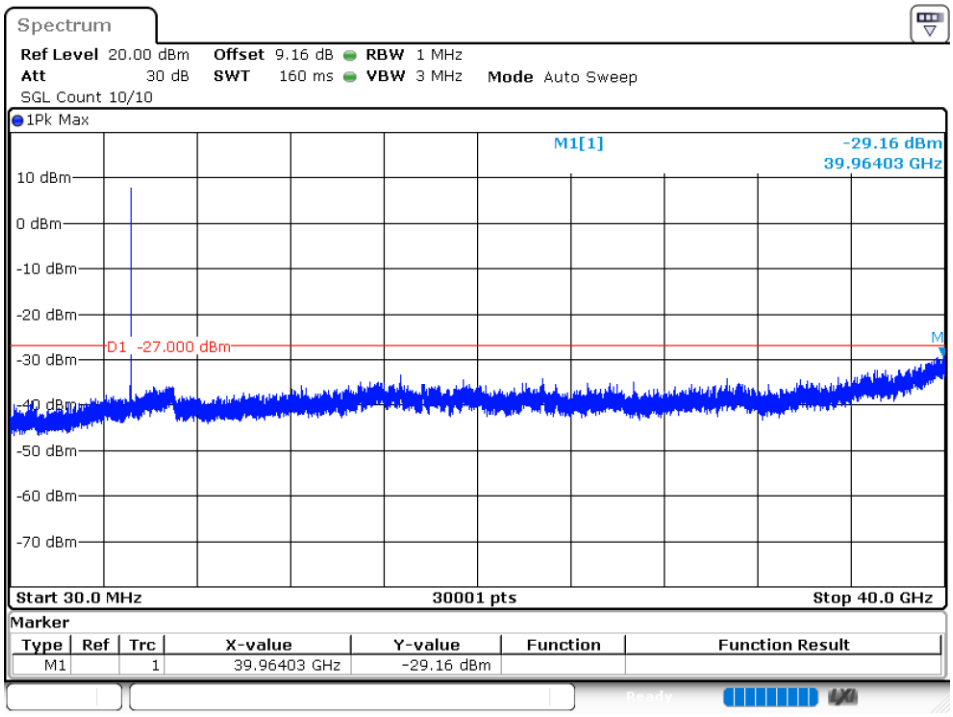
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5180	Ant1	-29.15	-27	Pass
NVNT	ac20	5180	Ant2	-29.16	-27	Pass
NVNT	ac20	5200	Ant1	-29.35	-27	Pass
NVNT	ac20	5200	Ant2	-29.09	-27	Pass
NVNT	ac20	5240	Ant1	-29.01	-27	Pass
NVNT	ac20	5240	Ant2	-29.1	-27	Pass
NVNT	ac40	5190	Ant1	-28.49	-27	Pass
NVNT	ac40	5190	Ant2	-29.47	-27	Pass
NVNT	ac40	5230	Ant1	-28.98	-27	Pass
NVNT	ac40	5230	Ant2	-29.15	-27	Pass
NVNT	ac80	5210	Ant1	-28.76	-27	Pass
NVNT	ac80	5210	Ant2	-28.77	-27	Pass
NVNT	ax20	5180	Ant1	-27.74	-27	Pass
NVNT	ax20	5180	Ant2	-28.83	-27	Pass
NVNT	ax20	5200	Ant1	-28.17	-27	Pass
NVNT	ax20	5200	Ant2	-28.28	-27	Pass
NVNT	ax20	5240	Ant1	-28.08	-27	Pass
NVNT	ax20	5240	Ant2	-28.91	-27	Pass
NVNT	ax40	5190	Ant1	-29.29	-27	Pass
NVNT	ax40	5190	Ant2	-28.95	-27	Pass
NVNT	ax40	5230	Ant1	-28.74	-27	Pass
NVNT	ax40	5230	Ant2	-29.09	-27	Pass
NVNT	ax80	5210	Ant1	-29.12	-27	Pass
NVNT	ax80	5210	Ant2	-29.23	-27	Pass
NVNT	n20	5180	Ant1	-29.17	-27	Pass
NVNT	n20	5180	Ant2	-29.06	-27	Pass
NVNT	n20	5200	Ant1	-28.02	-27	Pass
NVNT	n20	5200	Ant2	-28.96	-27	Pass
NVNT	n20	5240	Ant1	-27.95	-27	Pass
NVNT	n20	5240	Ant2	-28.61	-27	Pass
NVNT	n40	5190	Ant1	-28.1	-27	Pass
NVNT	n40	5190	Ant2	-29.47	-27	Pass
NVNT	n40	5230	Ant1	-28.91	-27	Pass
NVNT	n40	5230	Ant2	-28.79	-27	Pass

Test Graphs

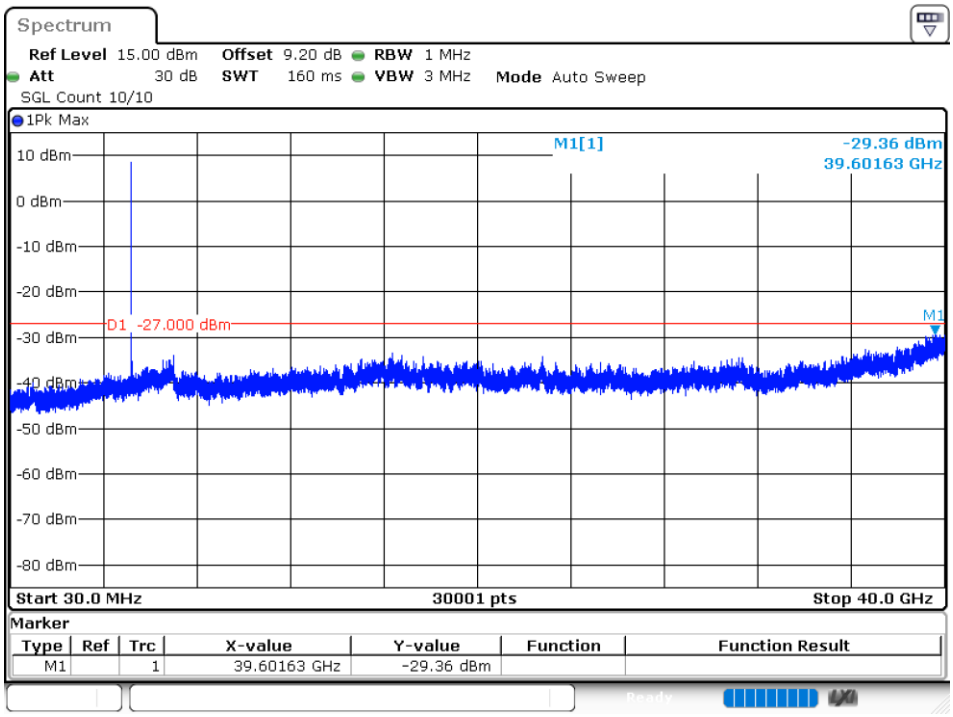
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



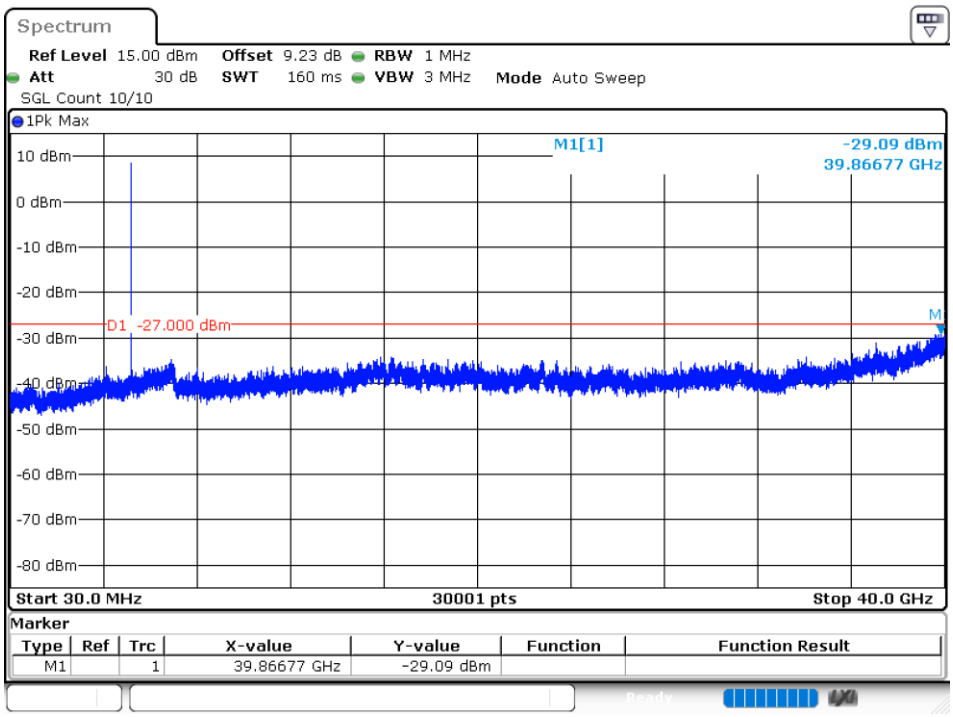
Tx. Spurious NVNT ac20 5180MHz Ant2 Emission



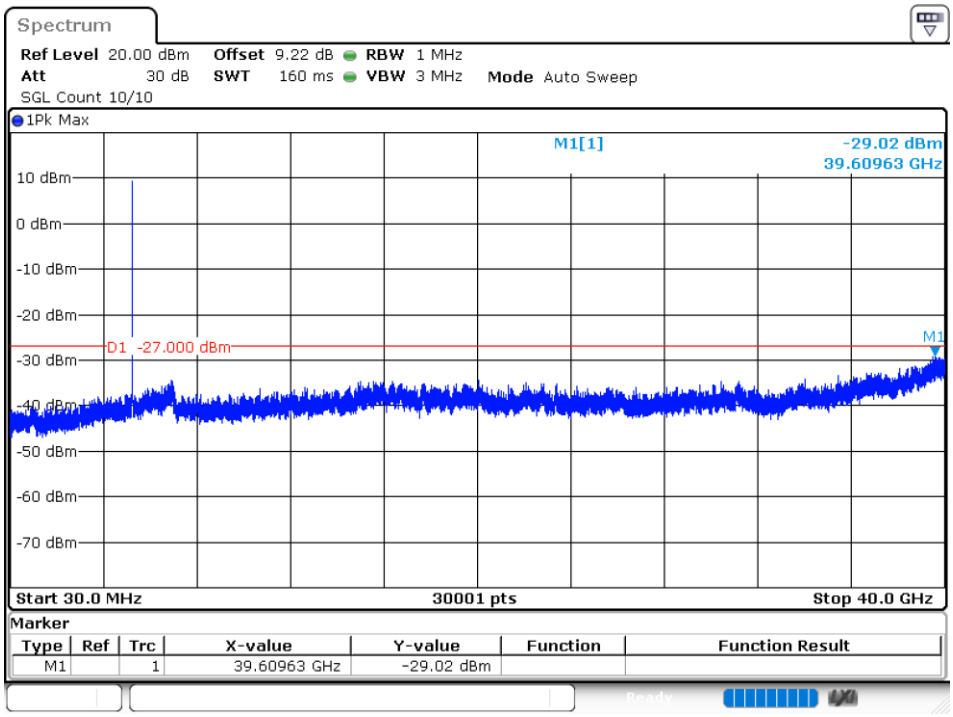
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



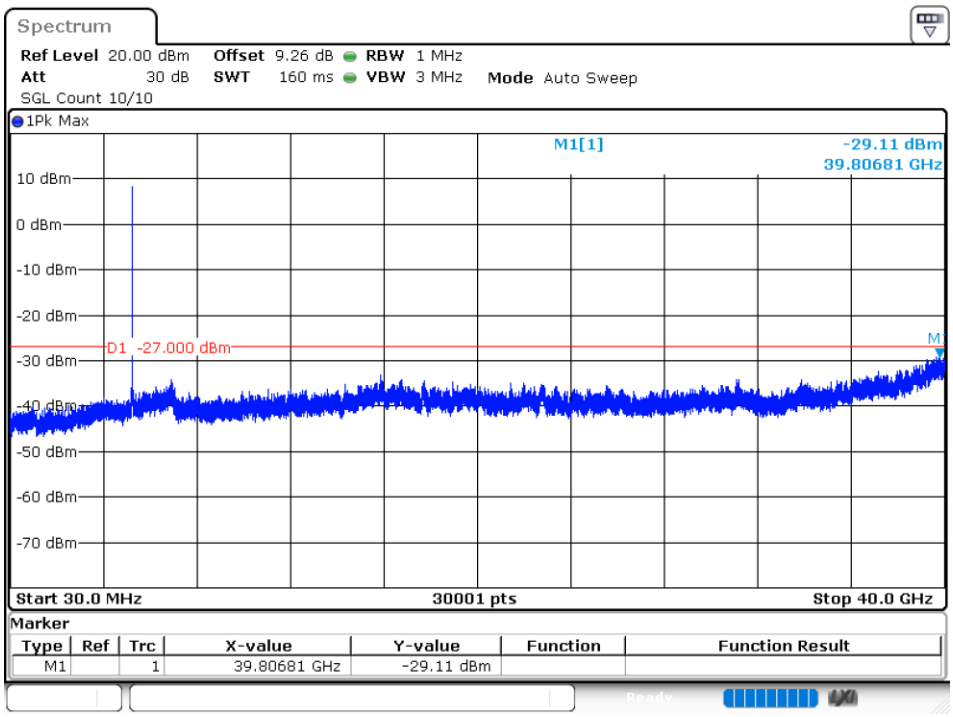
Tx. Spurious NVNT ac20 5200MHz Ant2 Emission



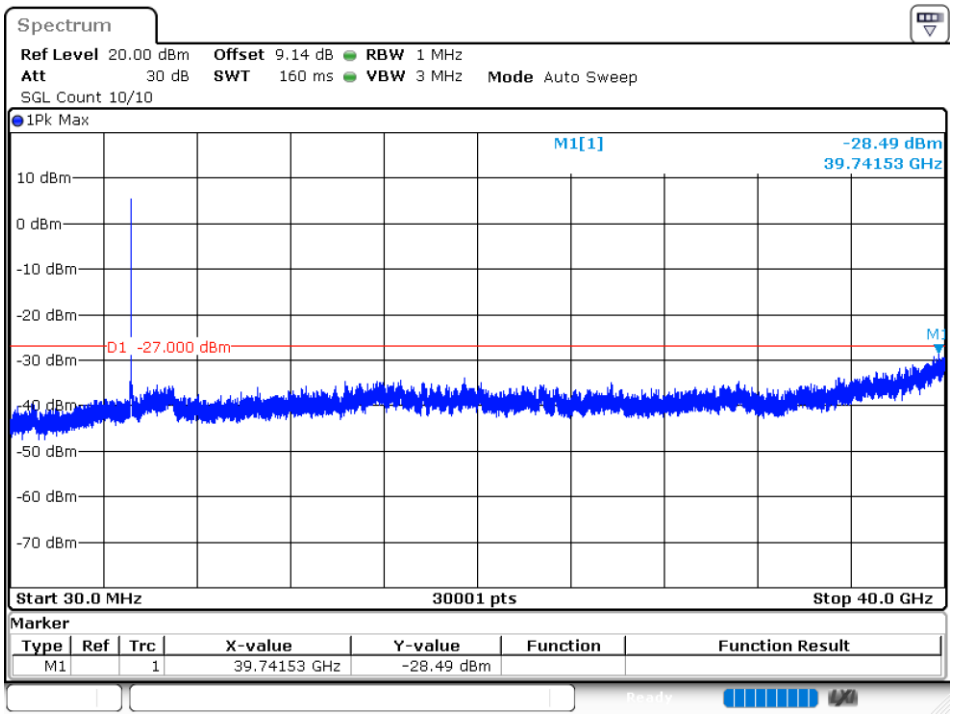
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



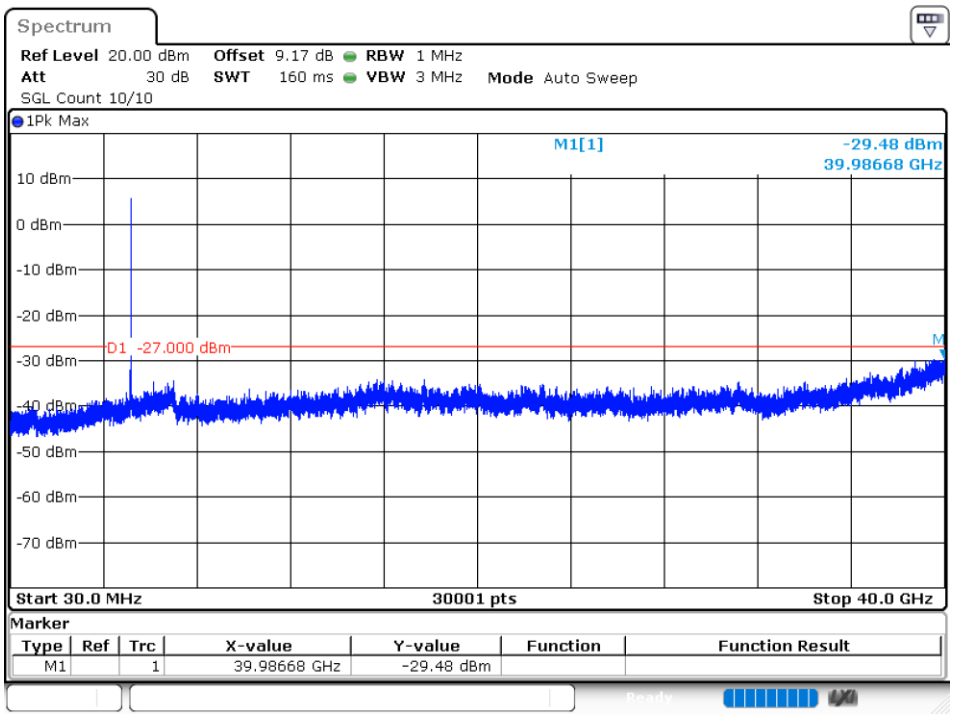
Tx. Spurious NVNT ac20 5240MHz Ant2 Emission



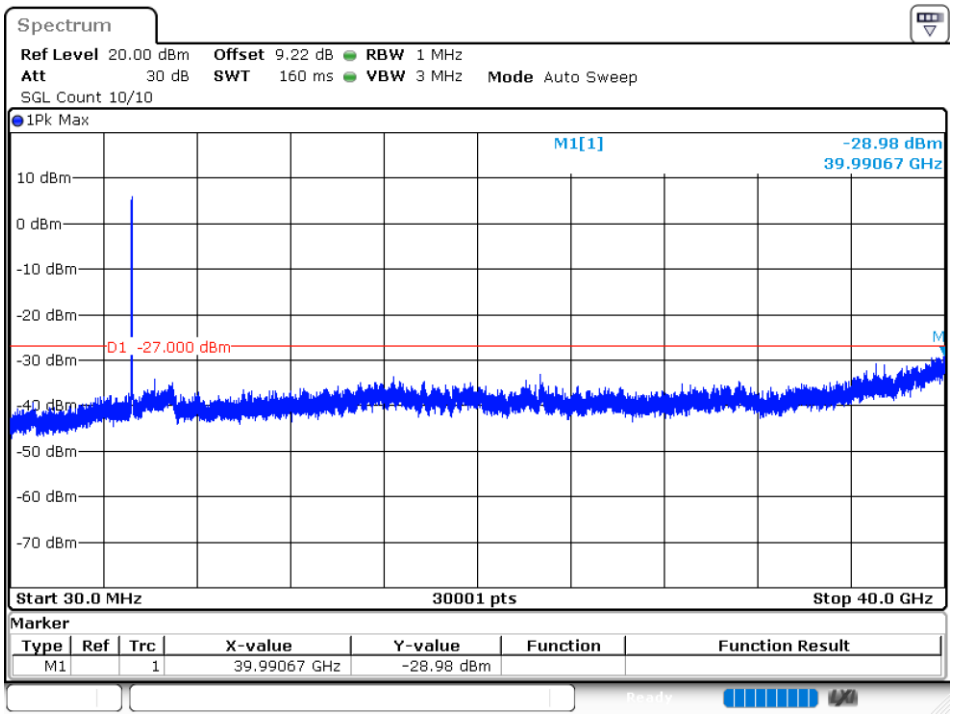
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



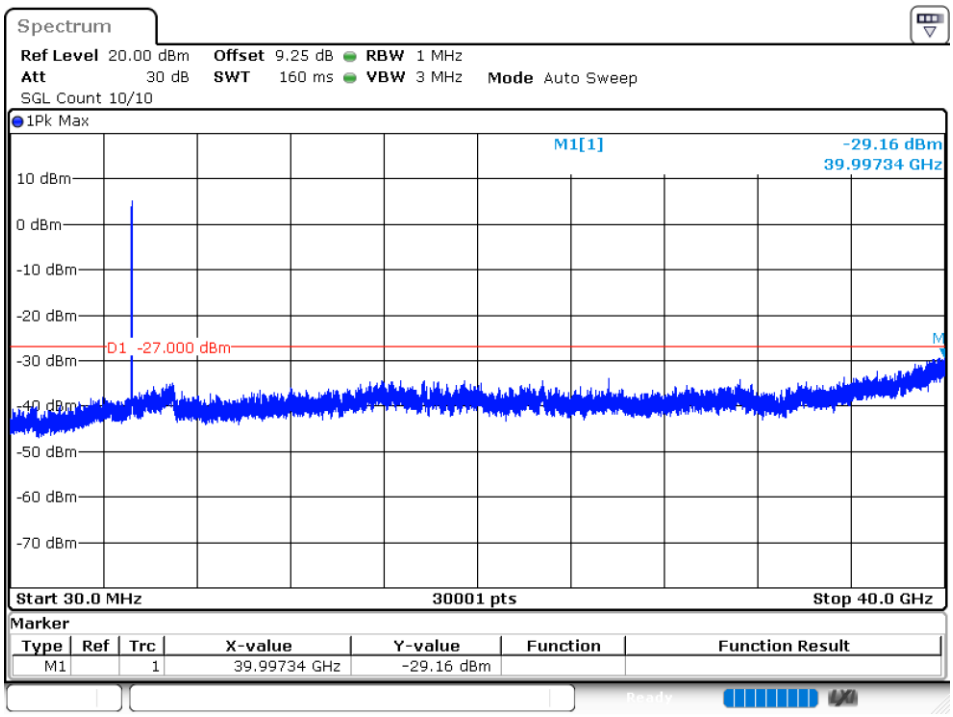
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



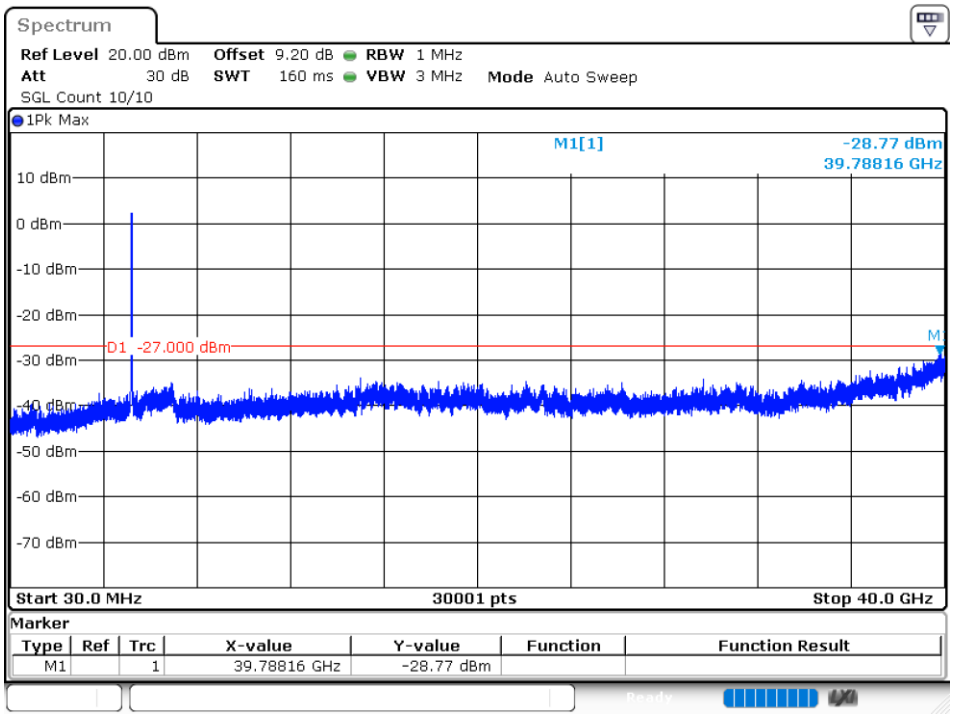
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



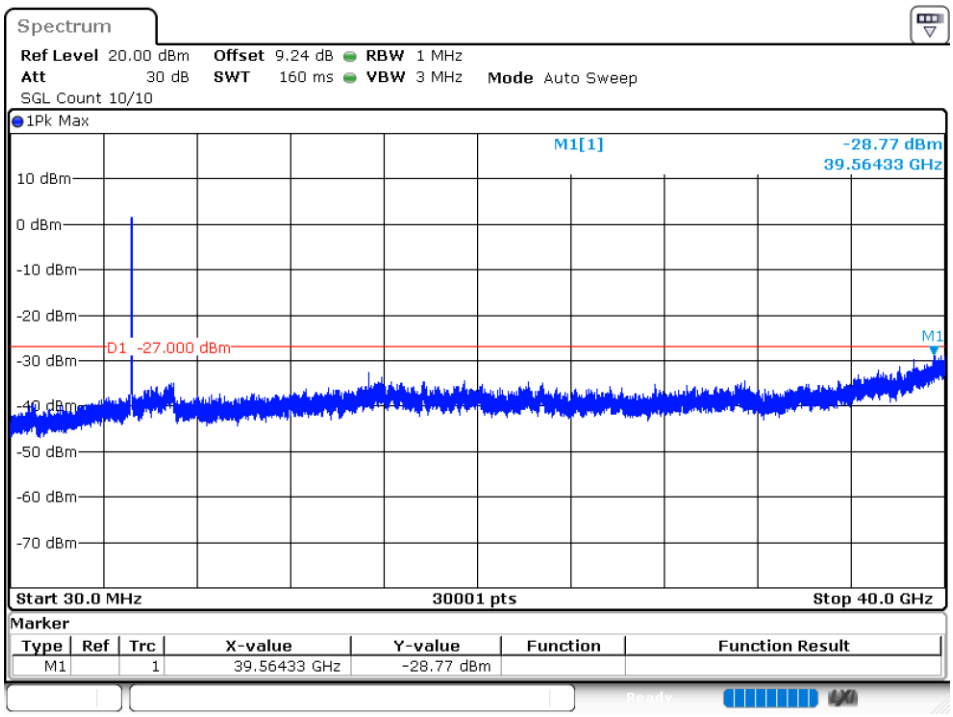
Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



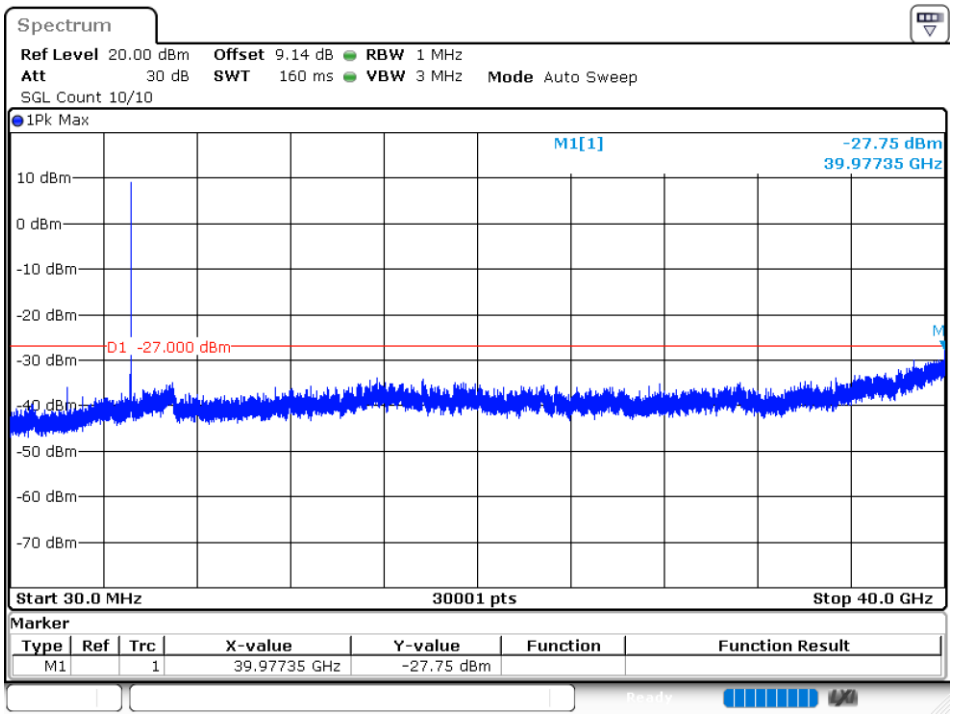
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



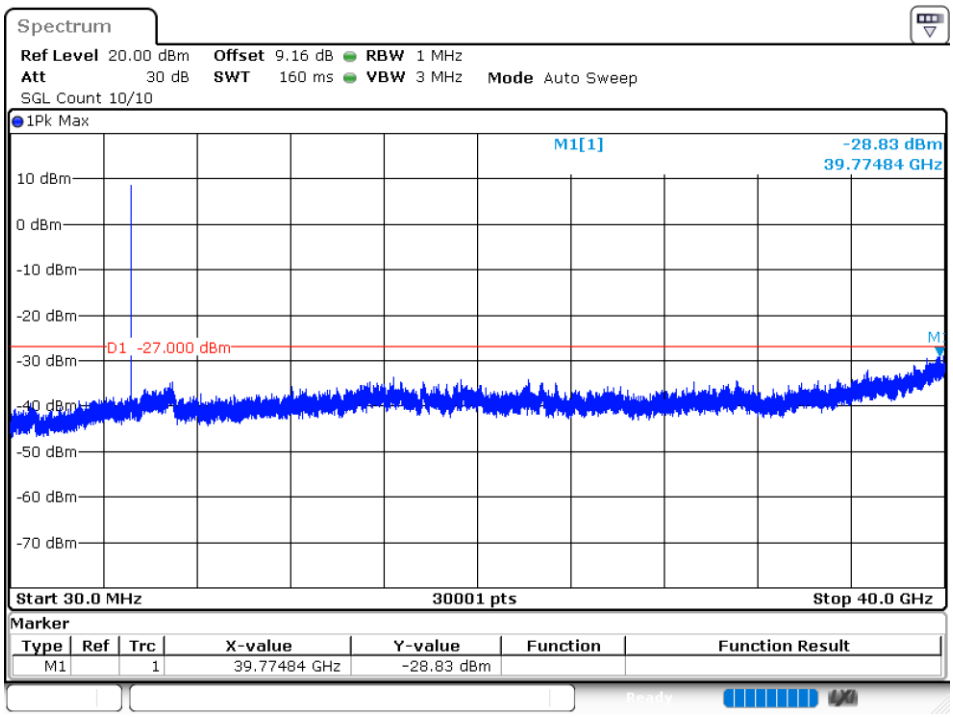
Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



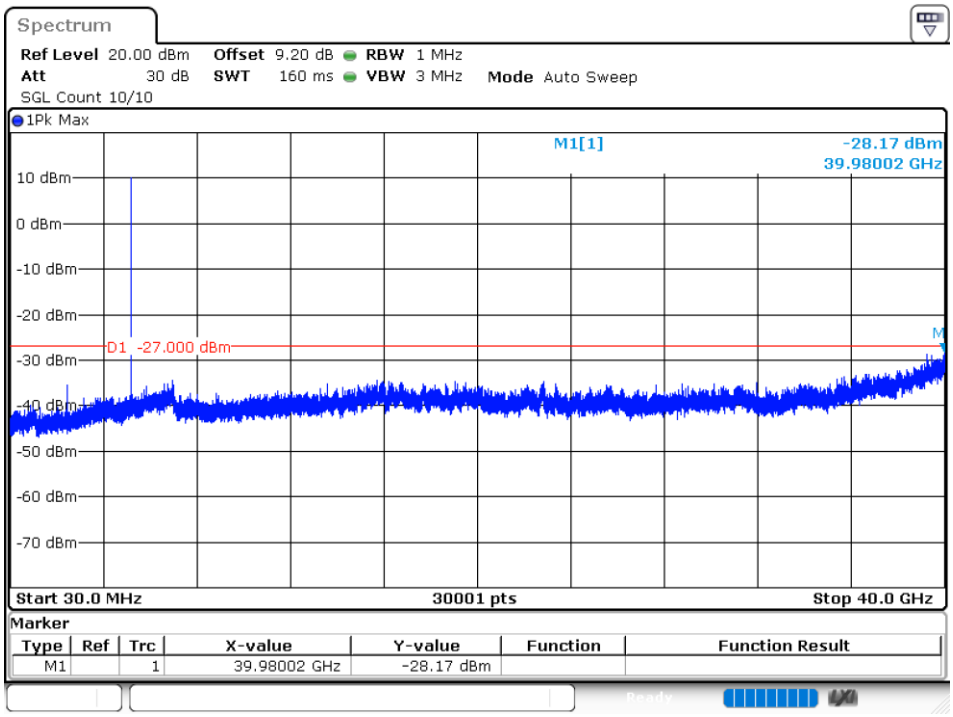
Tx. Spurious NVNT ax20 5180MHz Ant1 Emission



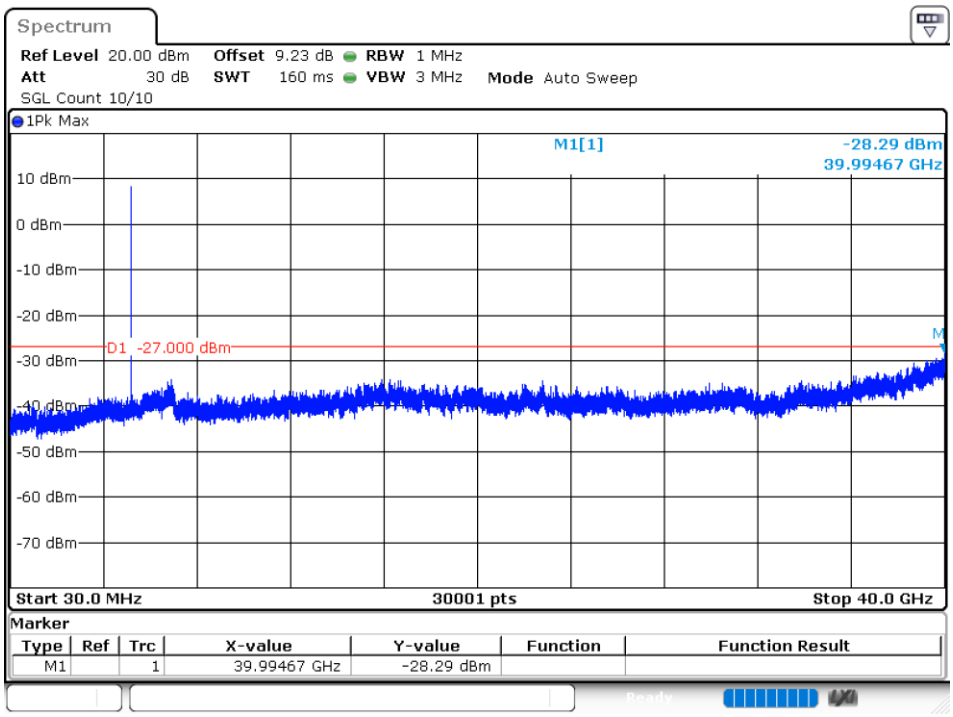
Tx. Spurious NVNT ax20 5180MHz Ant2 Emission



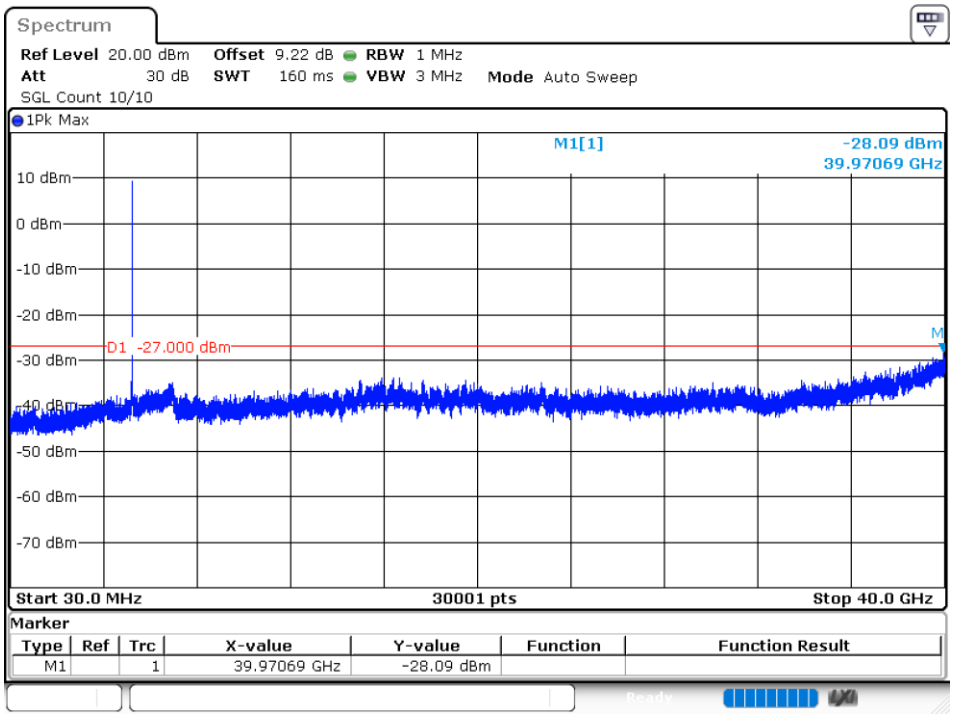
Tx. Spurious NVNT ax20 5200MHz Ant1 Emission



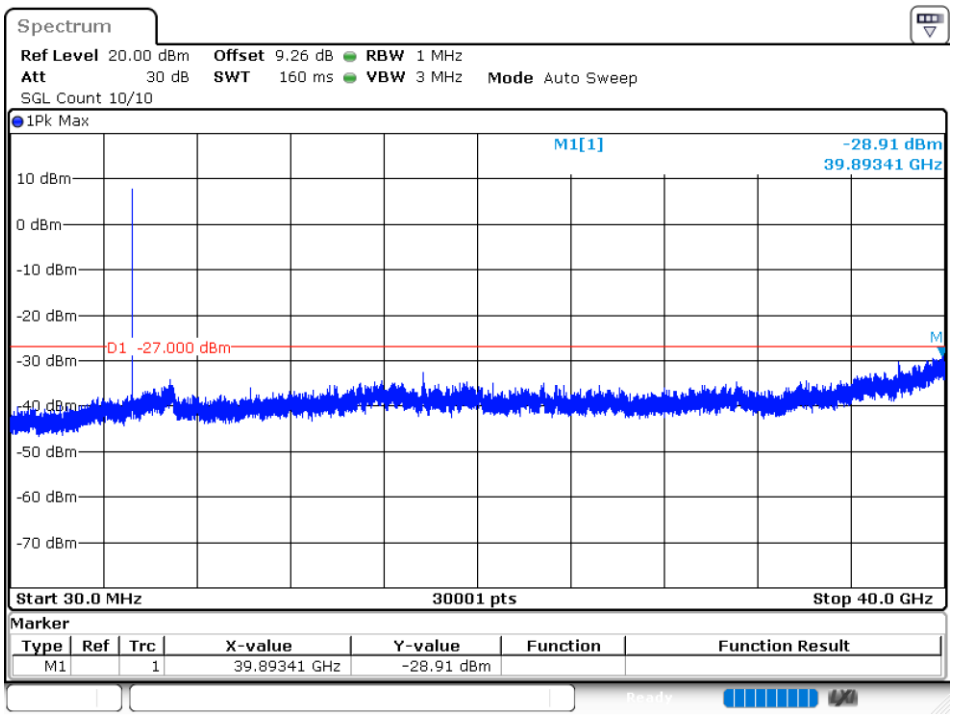
Tx. Spurious NVNT ax20 5200MHz Ant2 Emission



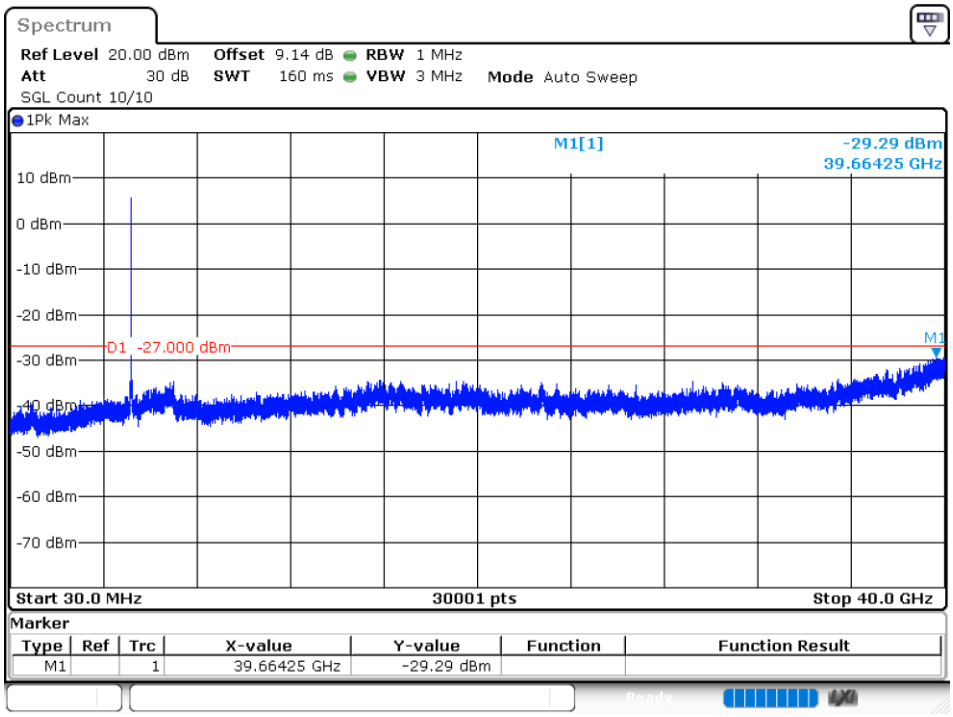
Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



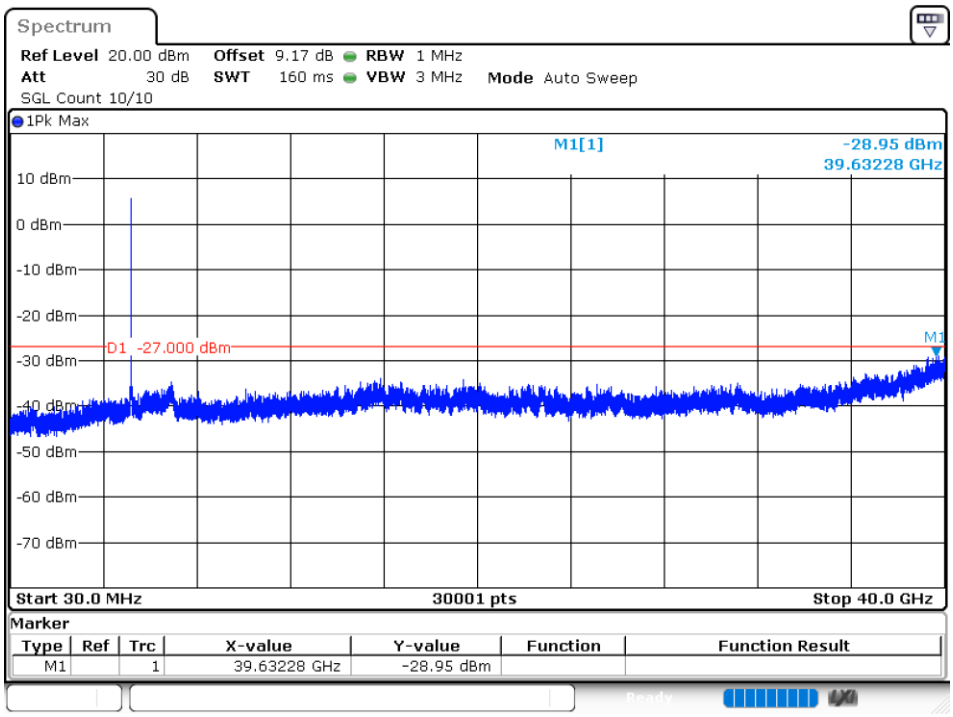
Tx. Spurious NVNT ax20 5240MHz Ant2 Emission



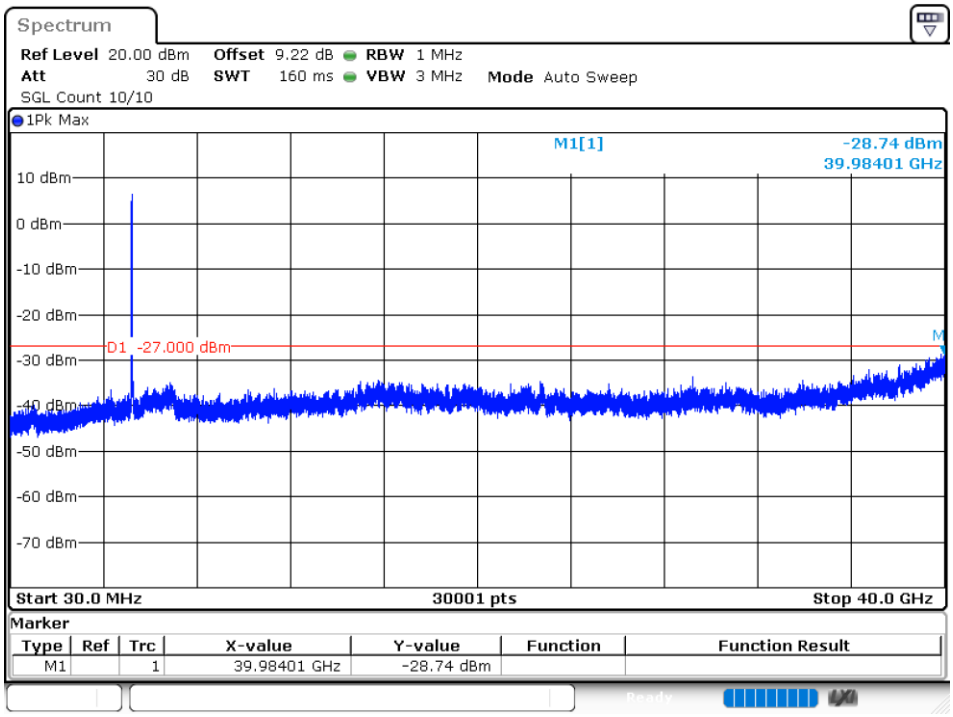
Tx. Spurious NVNT ax40 5190MHz Ant1 Emission



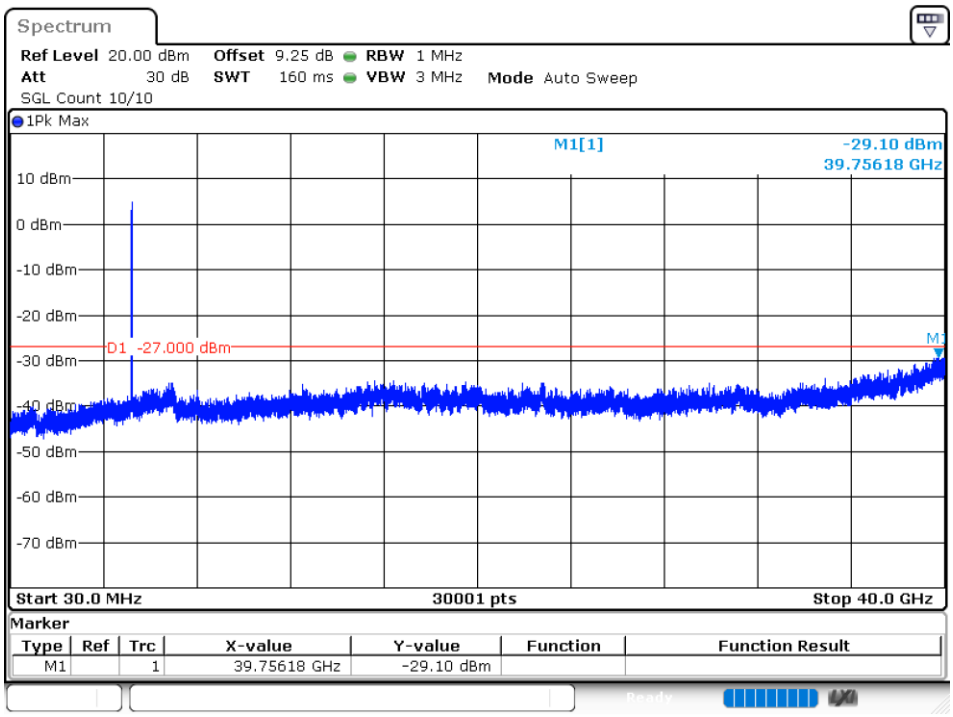
Tx. Spurious NVNT ax40 5190MHz Ant2 Emission



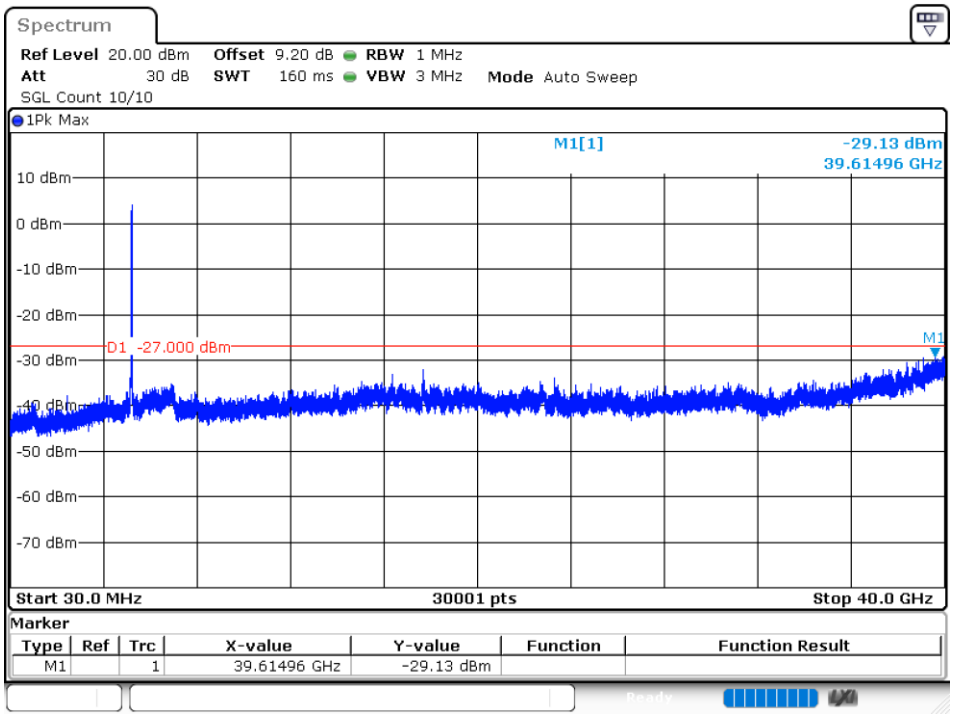
Tx. Spurious NVNT ax40 5230MHz Ant1 Emission



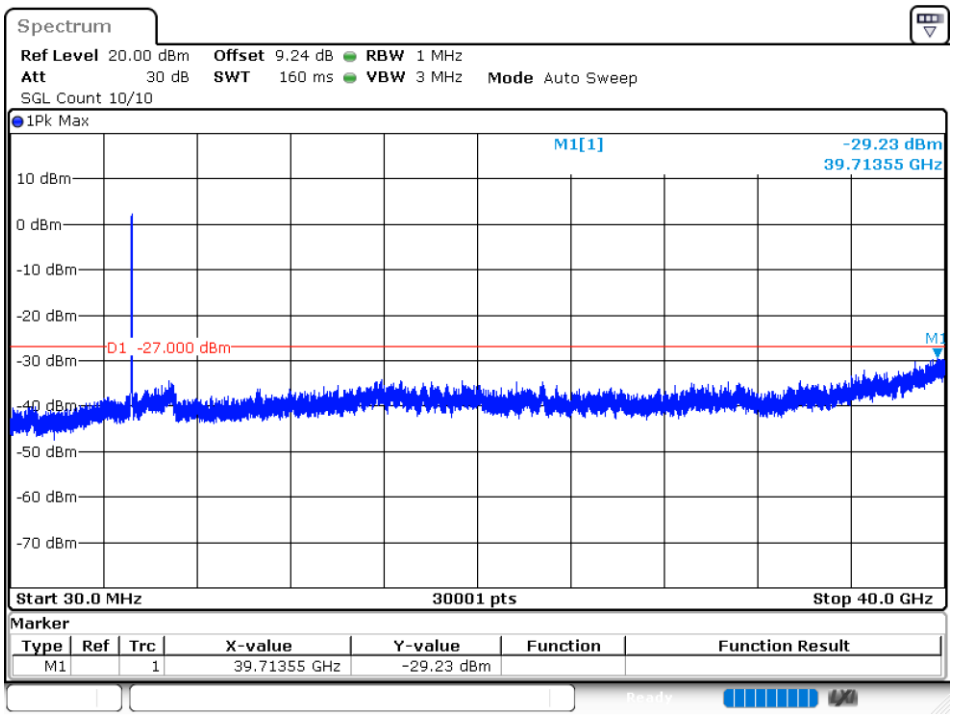
Tx. Spurious NVNT ax40 5230MHz Ant2 Emission



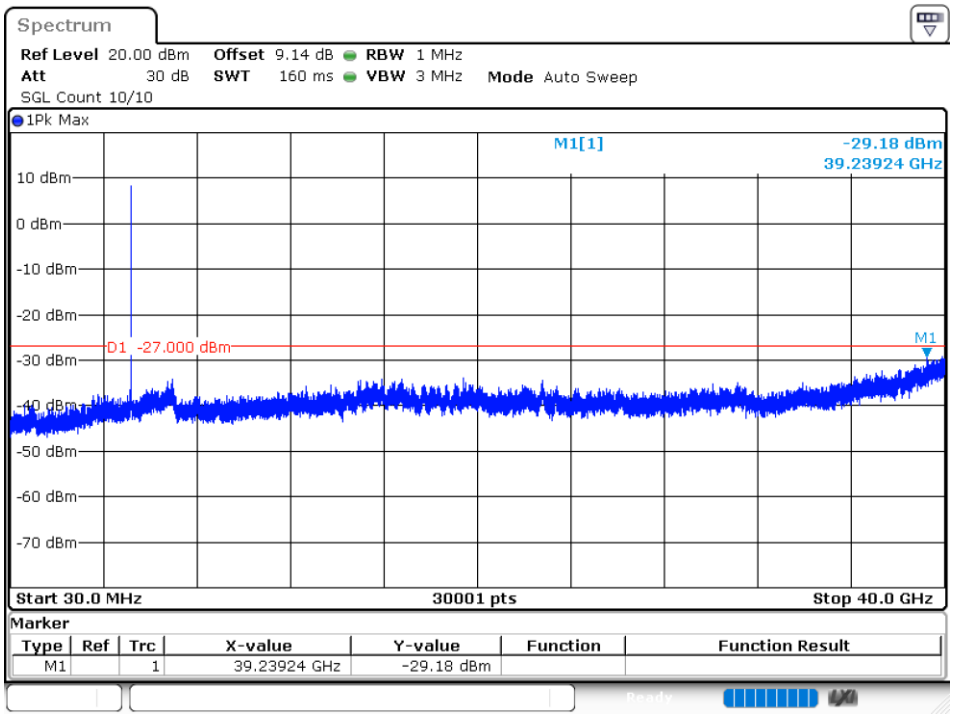
Tx. Spurious NVNT ax80 5210MHz Ant1 Emission



Tx. Spurious NVNT ax80 5210MHz Ant2 Emission



Tx. Spurious NVNT n20 5180MHz Ant1 Emission



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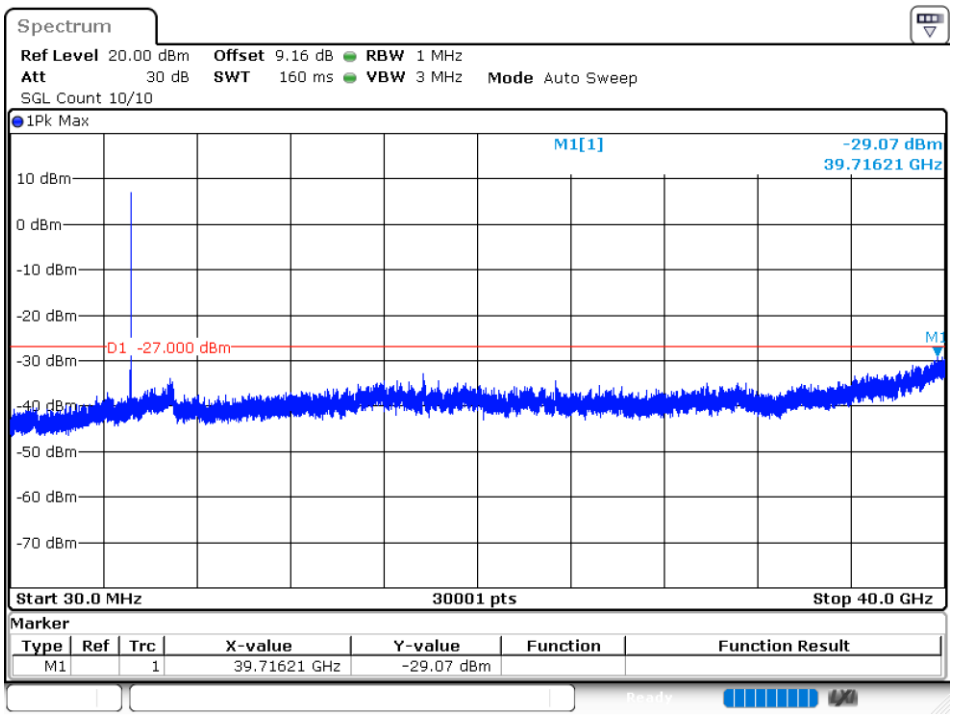

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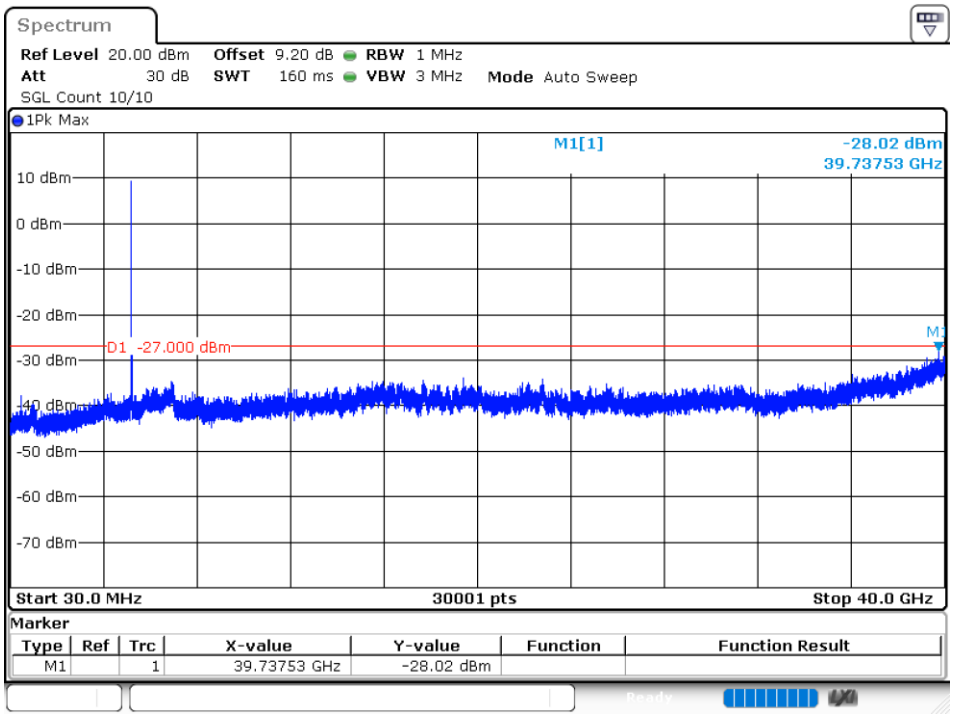

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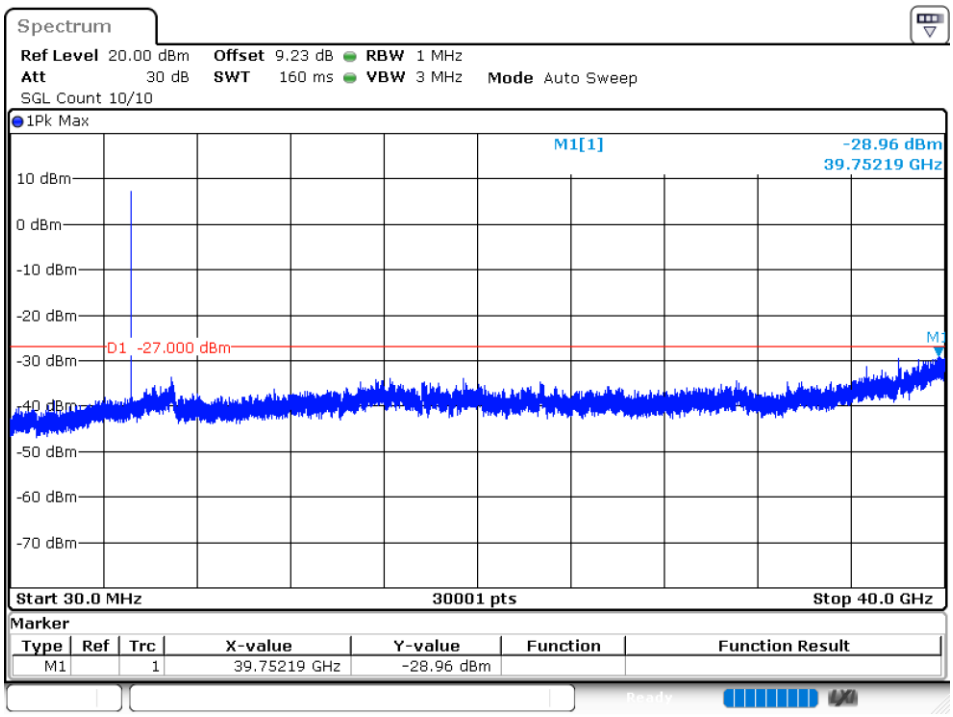

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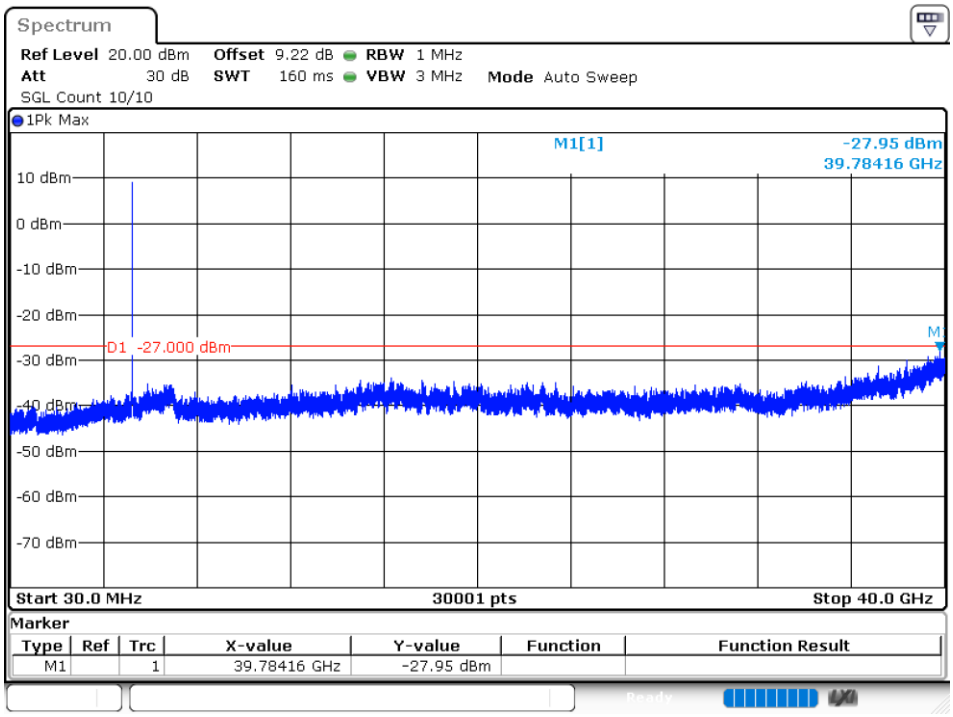
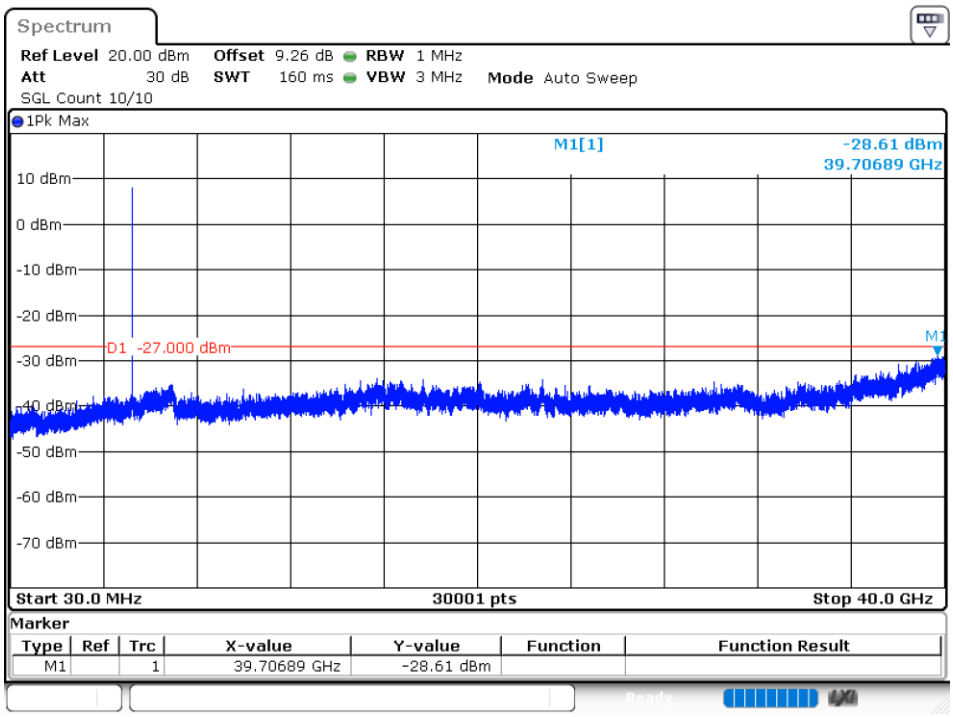
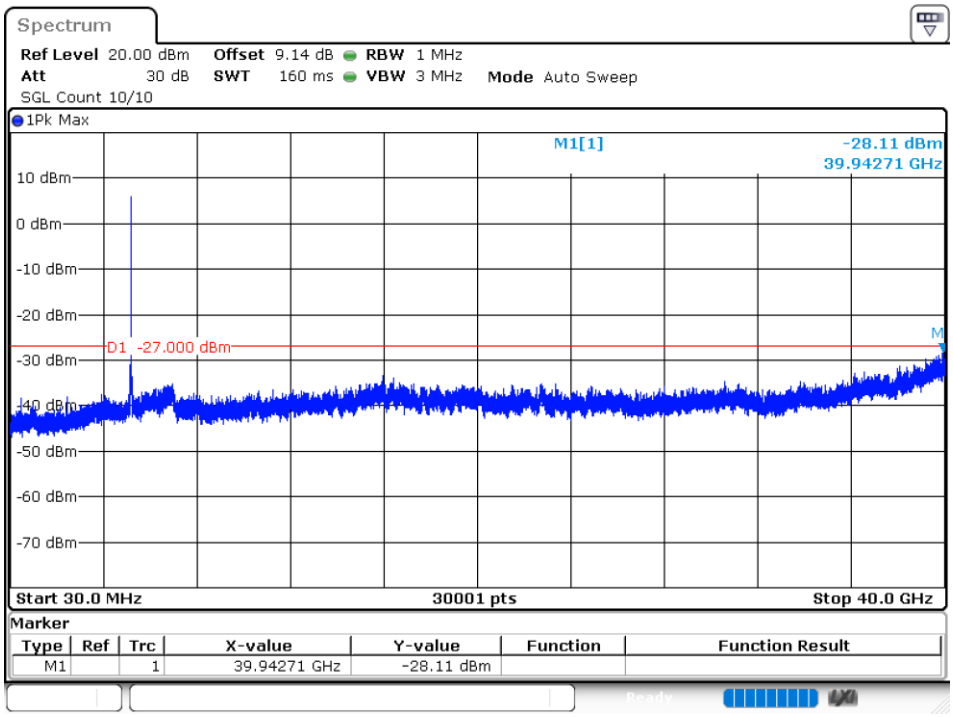


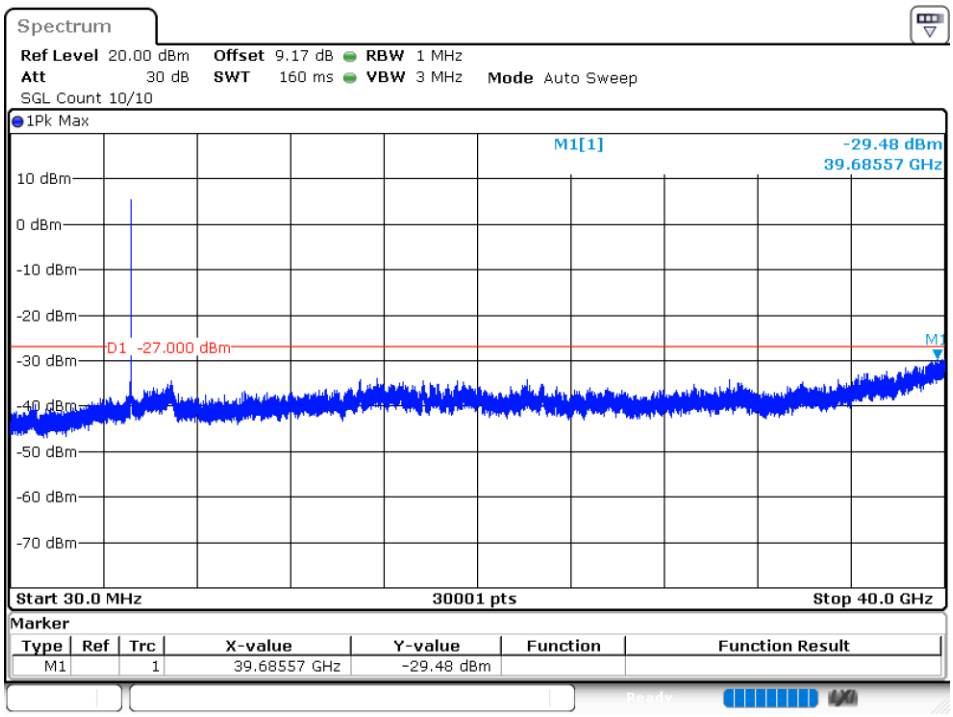
Tx. Spurious NVNT n20 5240MHz Ant2 Emission



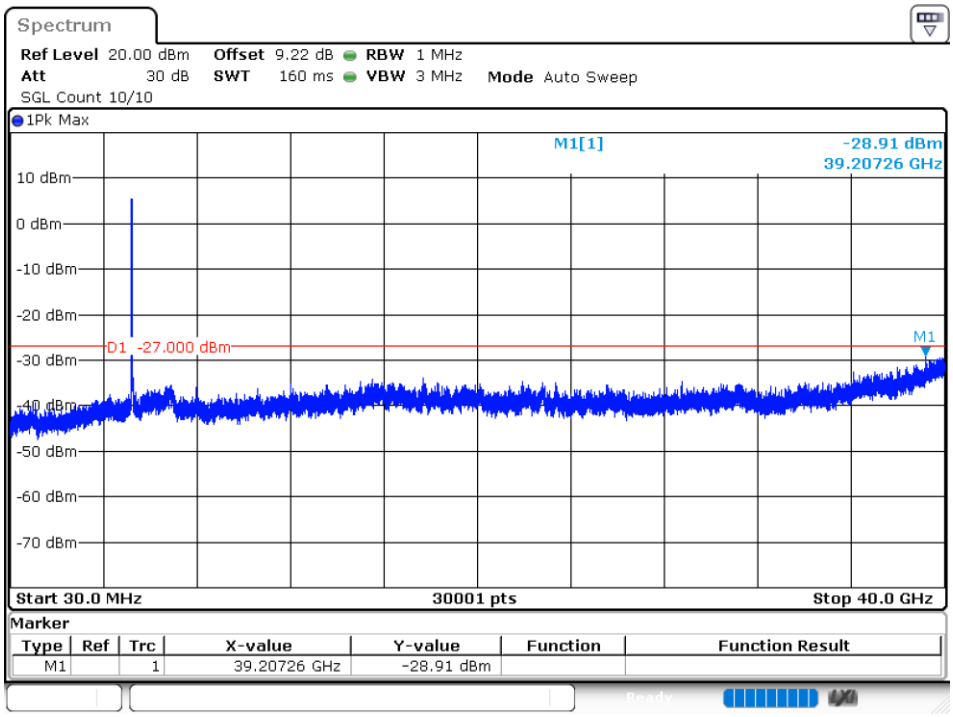
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



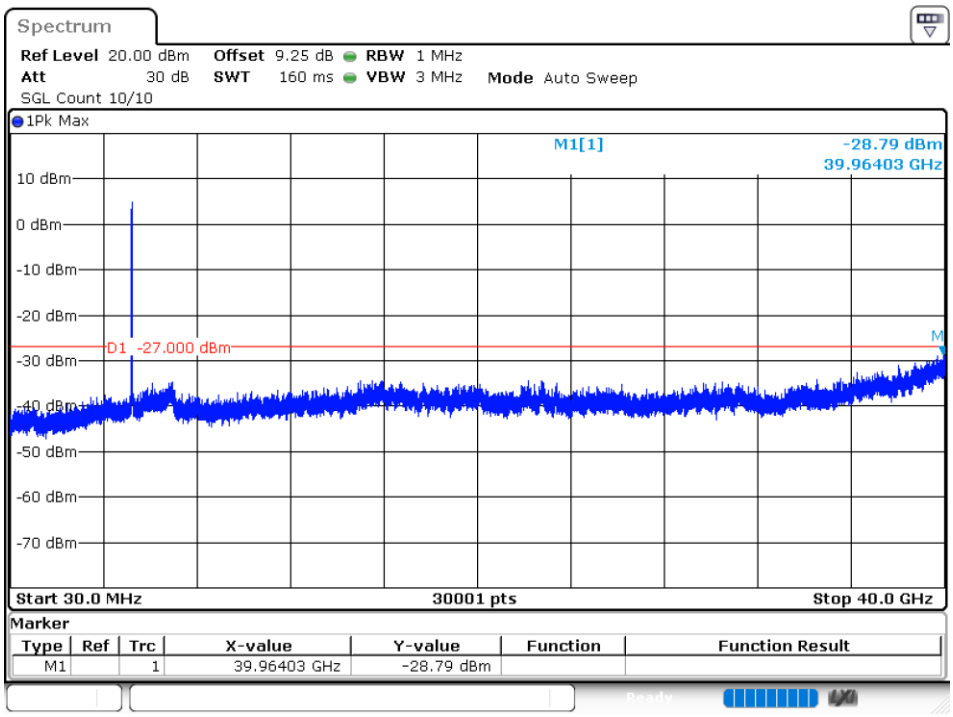
Tx. Spurious NVNT n40 5190MHz Ant2 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant2 Emission



WIFI 5.3G

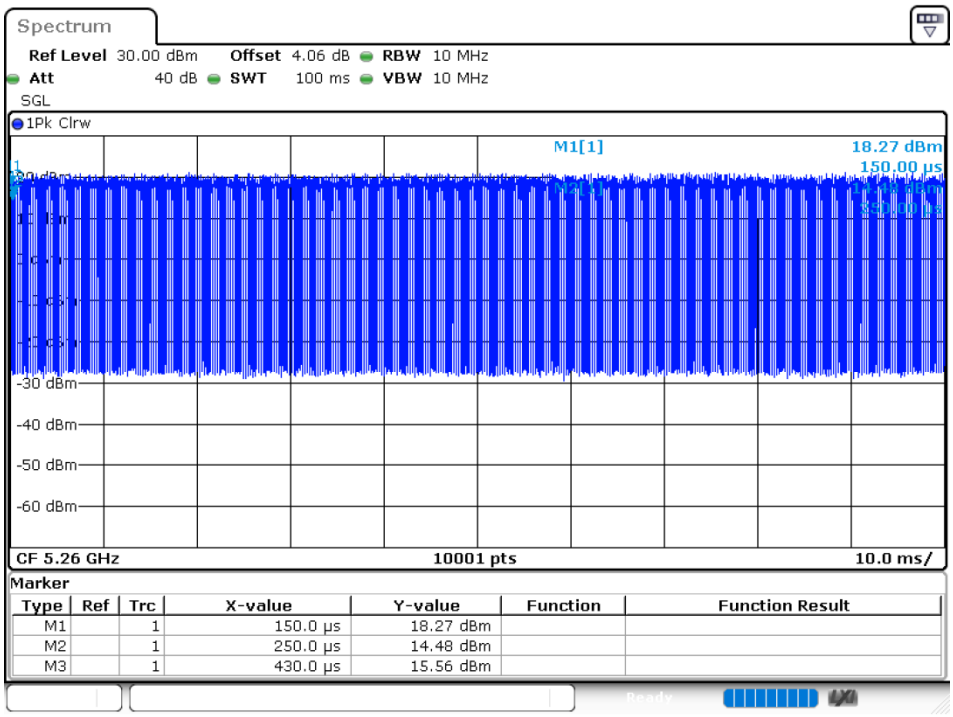
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	67.71	1.69	5.56
NVNT	a	5280	Ant1	67.67	1.7	5.56
NVNT	a	5320	Ant1	67.52	1.71	5.56
NVNT	a	5260	Ant2	69.75	1.56	5.26
NVNT	a	5280	Ant2	70.21	1.54	5.56
NVNT	a	5320	Ant2	94.74	0.23	∞
NVNT	n20	5260	Ant1	66.15	1.79	6.25
NVNT	n20	5280	Ant1	66.21	1.79	5.88
NVNT	n20	5320	Ant1	66.13	1.8	5.88
NVNT	n20	5260	Ant2	68.24	1.66	5.88
NVNT	n20	5280	Ant2	66.67	1.76	6.25
NVNT	n20	5320	Ant2	94.35	0.25	50
NVNT	n40	5270	Ant1	55.06	2.59	10
NVNT	n40	5310	Ant1	54.97	2.6	10
NVNT	n40	5270	Ant2	55.34	2.57	10
NVNT	n40	5310	Ant2	55.32	2.57	10
NVNT	ac20	5260	Ant1	63.93	1.94	6.67
NVNT	ac20	5280	Ant1	63.8	1.95	6.67
NVNT	ac20	5320	Ant1	63.93	1.94	7.14
NVNT	ac20	5260	Ant2	66.41	1.78	6.67
NVNT	ac20	5280	Ant2	66.88	1.75	100
NVNT	ac20	5320	Ant2	94.63	0.24	33.33
NVNT	ac40	5270	Ant1	52.2	2.82	11.11
NVNT	ac40	5310	Ant1	52.15	2.83	11.11
NVNT	ac40	5270	Ant2	52.43	2.8	12.5
NVNT	ac40	5310	Ant2	90.96	0.41	9.09
NVNT	ac80	5290	Ant1	45.1	3.46	14.29
NVNT	ac80	5290	Ant2	46.02	3.37	14.29
NVNT	ax20	5260	Ant1	59.73	2.24	8.33
NVNT	ax20	5280	Ant1	59.82	2.23	8.33
NVNT	ax20	5320	Ant1	59.77	2.23	8.33
NVNT	ax20	5260	Ant2	62.06	2.07	∞
NVNT	ax20	5280	Ant2	62.39	2.05	8.33
NVNT	ax20	5320	Ant2	93.31	0.3	2.7
NVNT	ax40	5270	Ant1	56.05	2.51	10
NVNT	ax40	5310	Ant1	55.99	2.52	10

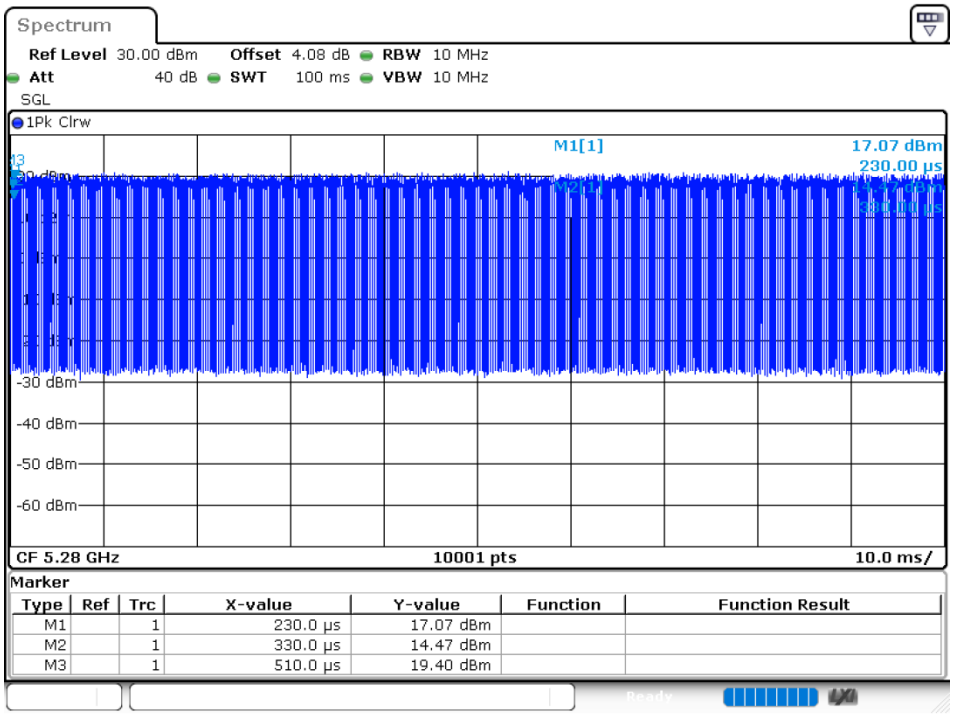
NVNT	ax40	5270	Ant2	56.04	2.51	10
NVNT	ax40	5310	Ant2	56	2.52	10
NVNT	ax80	5290	Ant1	50.72	2.95	12.5
NVNT	ax80	5290	Ant2	50.66	2.95	12.5

Test Graphs

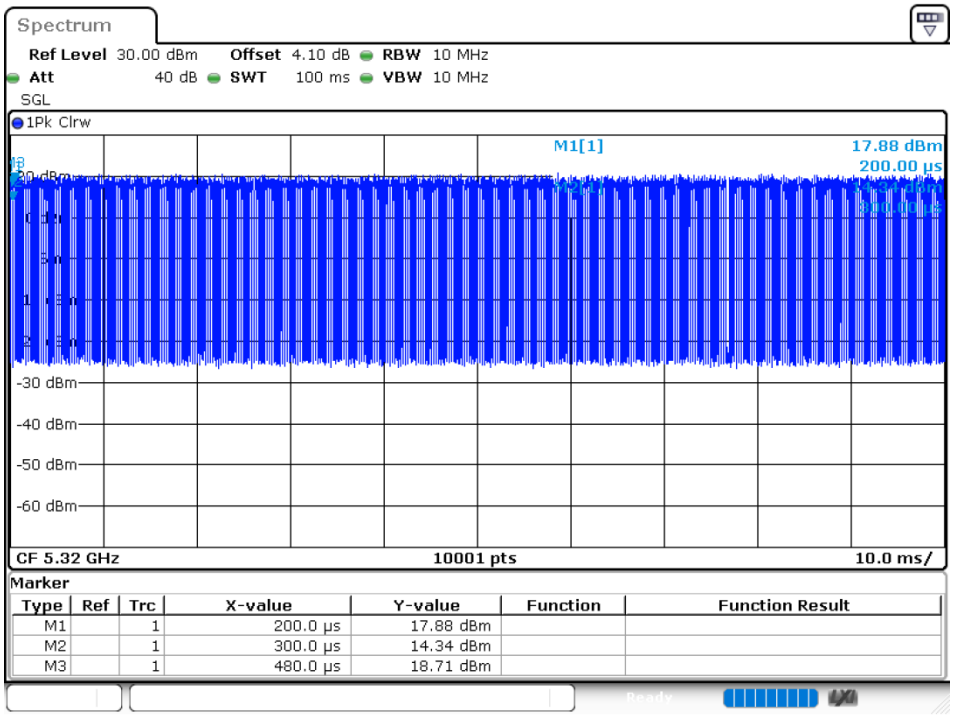
Duty Cycle NVNT a 5260MHz Ant1



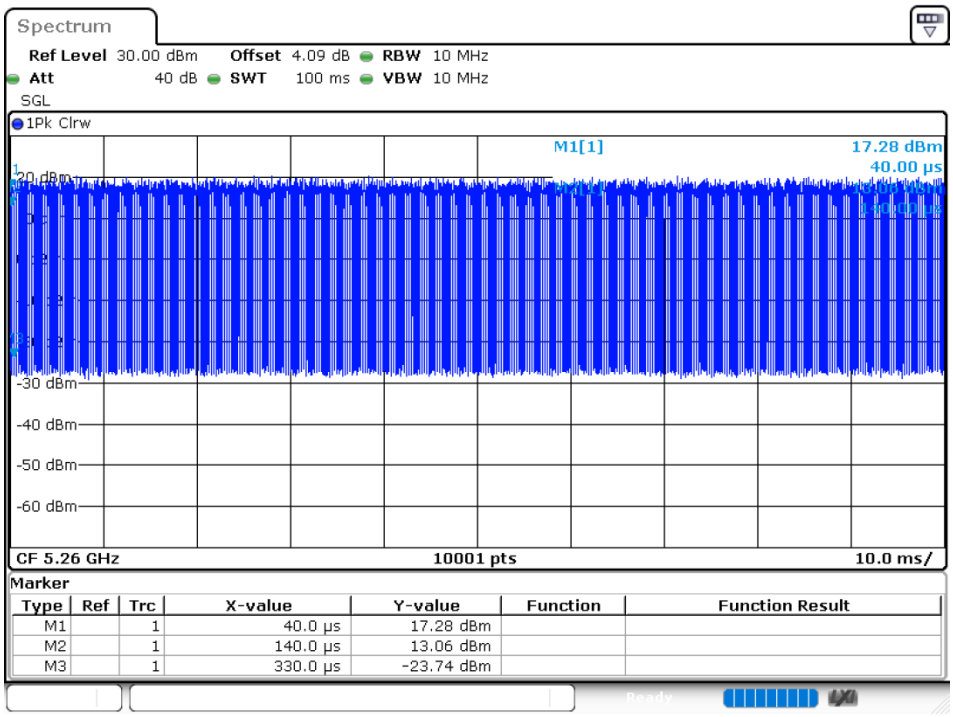
Duty Cycle NVNT a 5280MHz Ant1



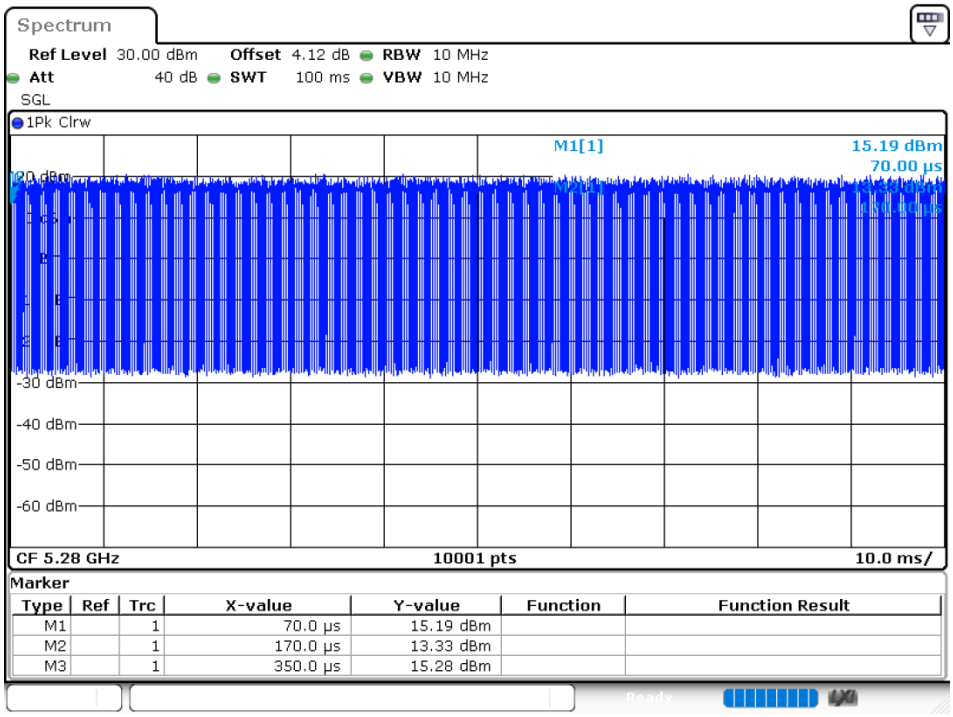
Duty Cycle NVNT a 5320MHz Ant1



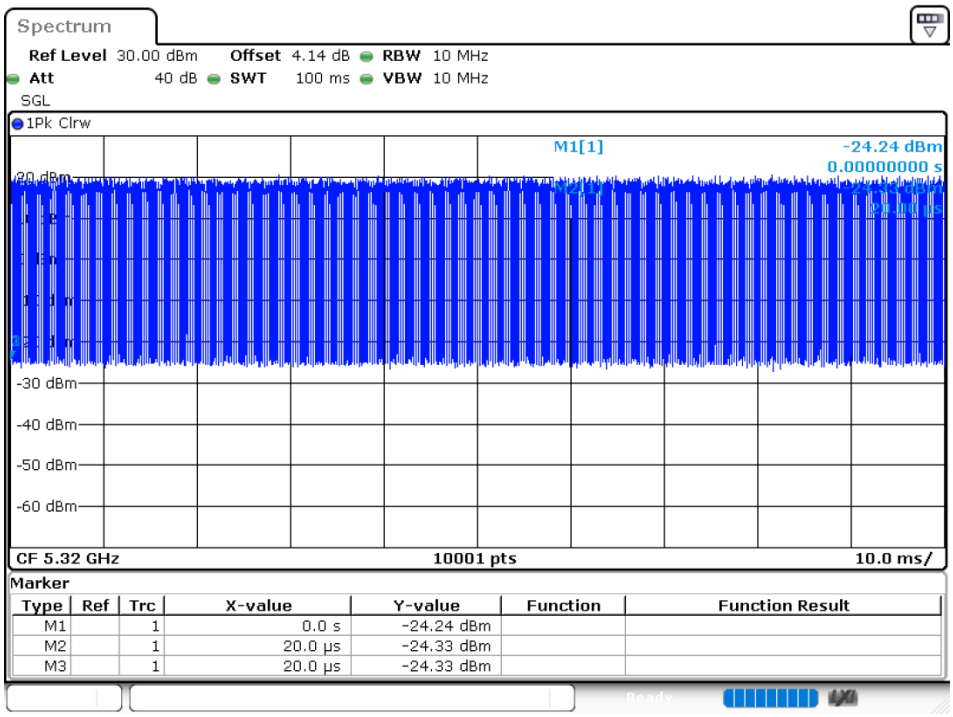
Duty Cycle NVNT a 5260MHz Ant2



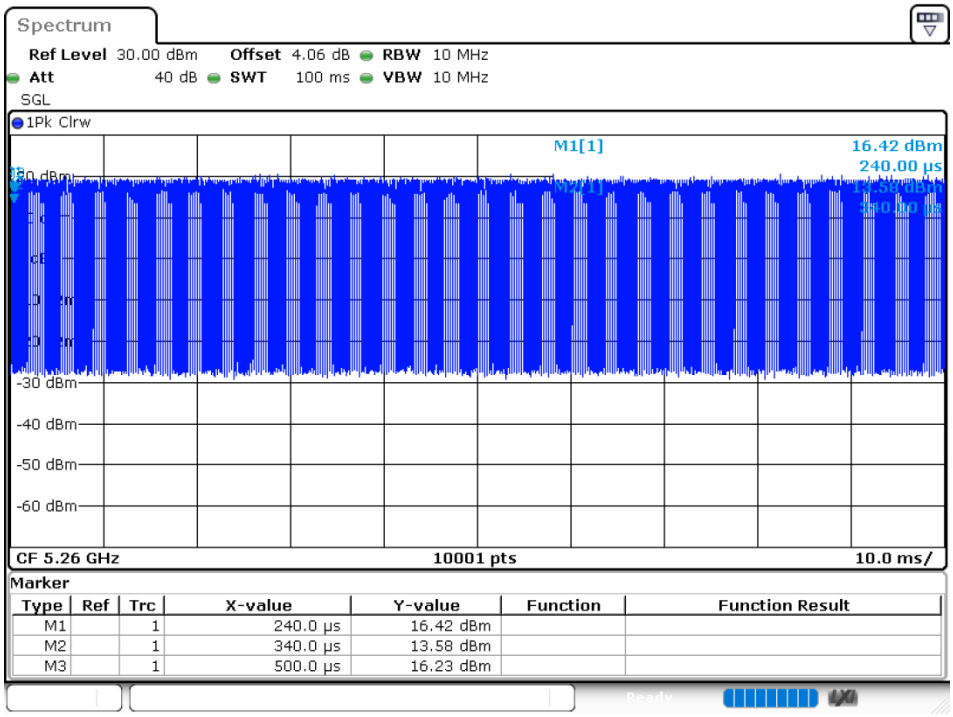
Duty Cycle NVNT a 5280MHz Ant2



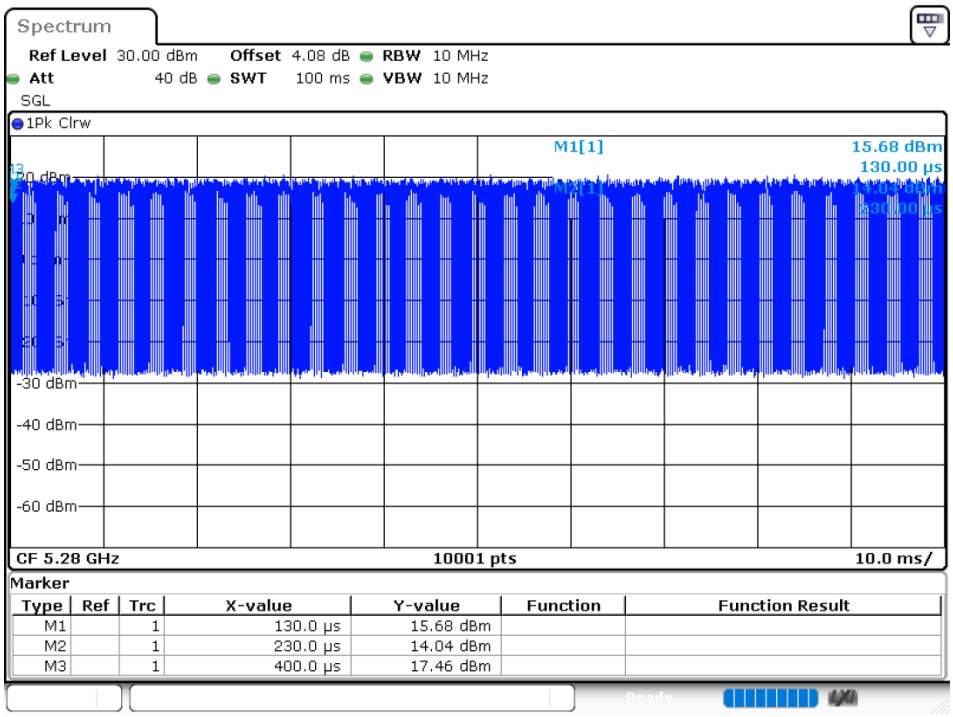
Duty Cycle NVNT a 5320MHz Ant2



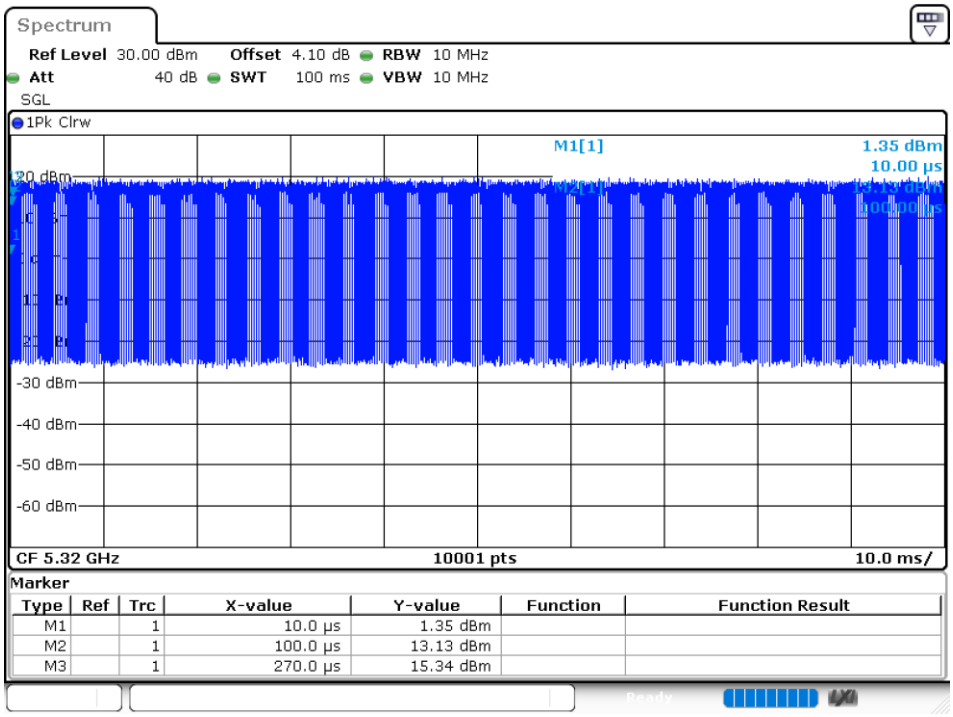
Duty Cycle NVNT n20 5260MHz Ant1



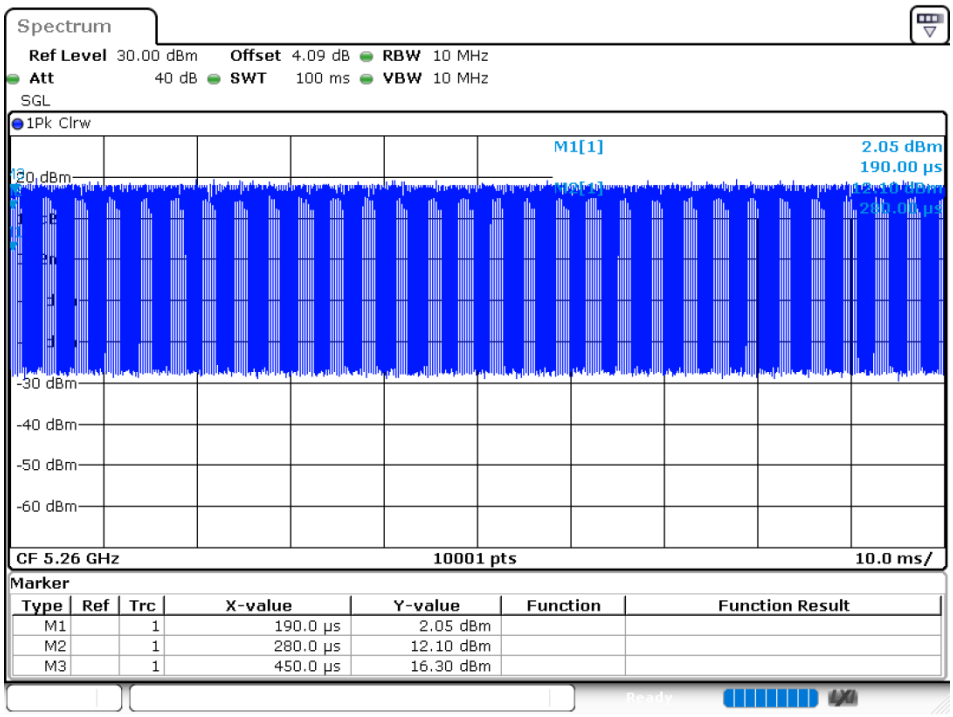
Duty Cycle NVNT n20 5280MHz Ant1



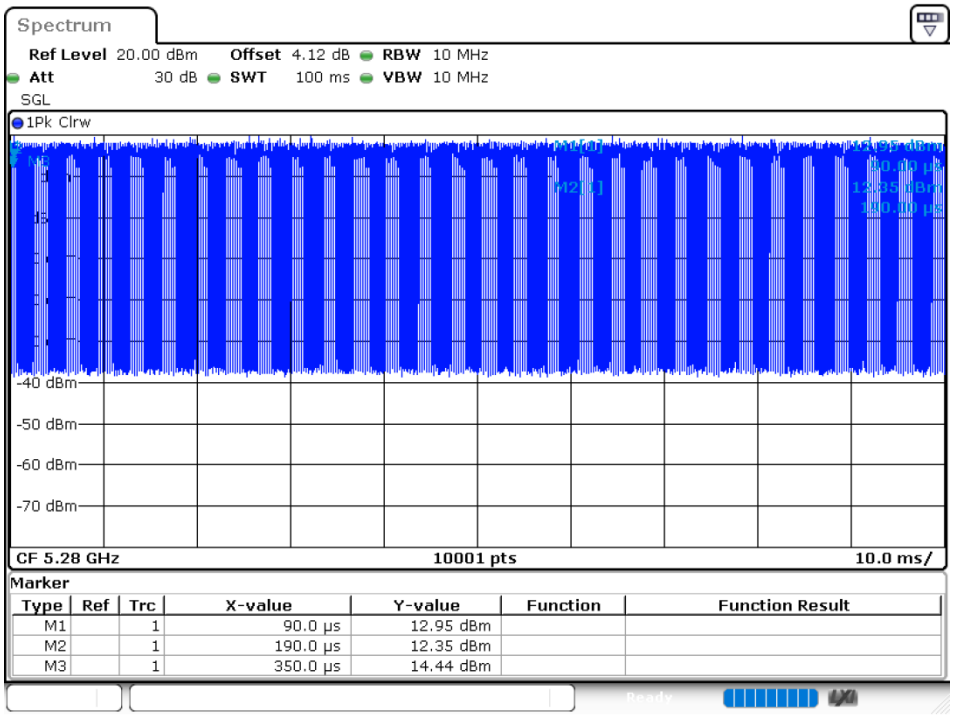
Duty Cycle NVNT n20 5320MHz Ant1



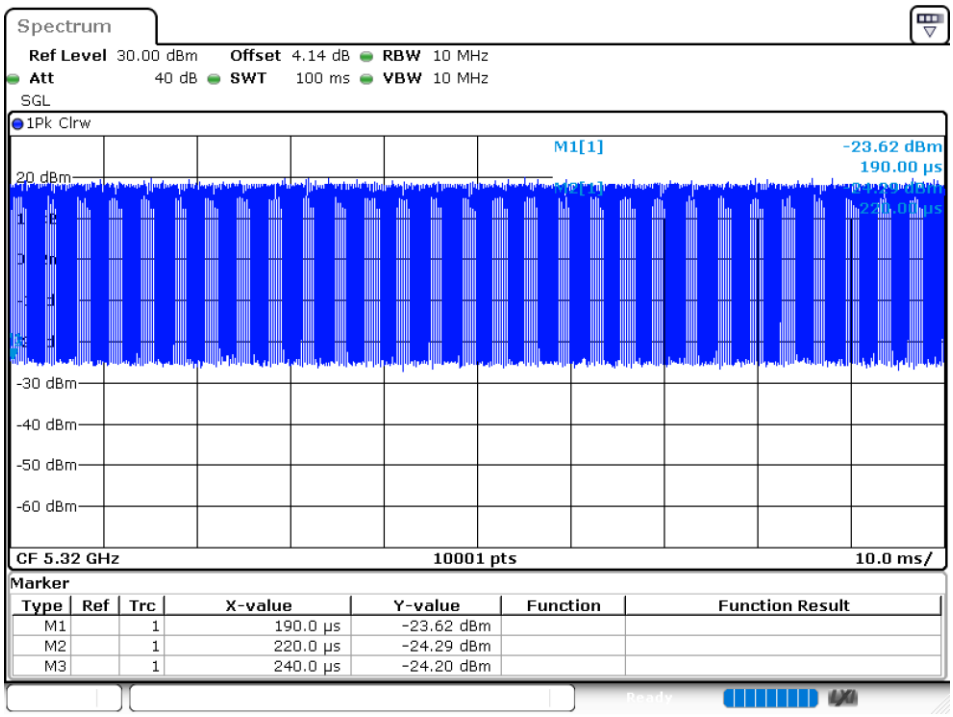
Duty Cycle NVNT n20 5260MHz Ant2



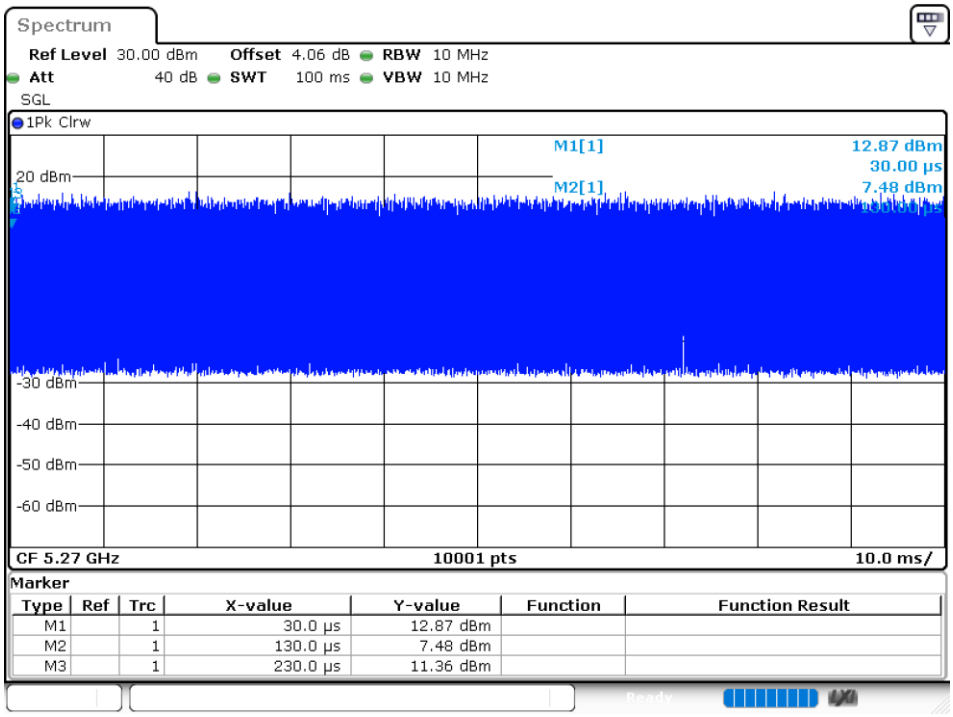
Duty Cycle NVNT n20 5280MHz Ant2



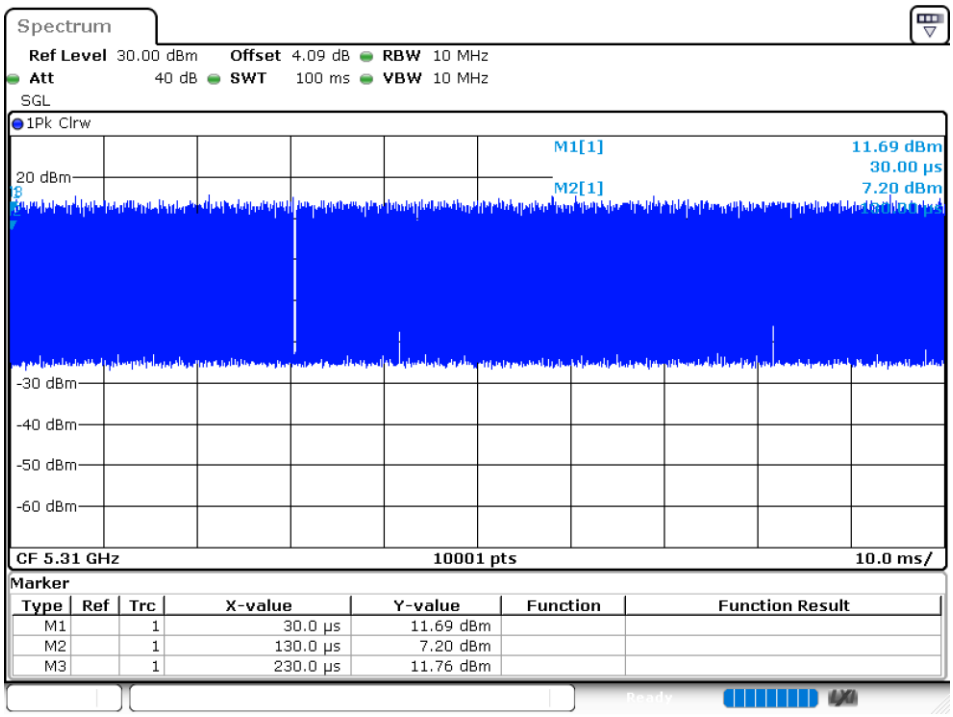
Duty Cycle NVNT n20 5320MHz Ant2



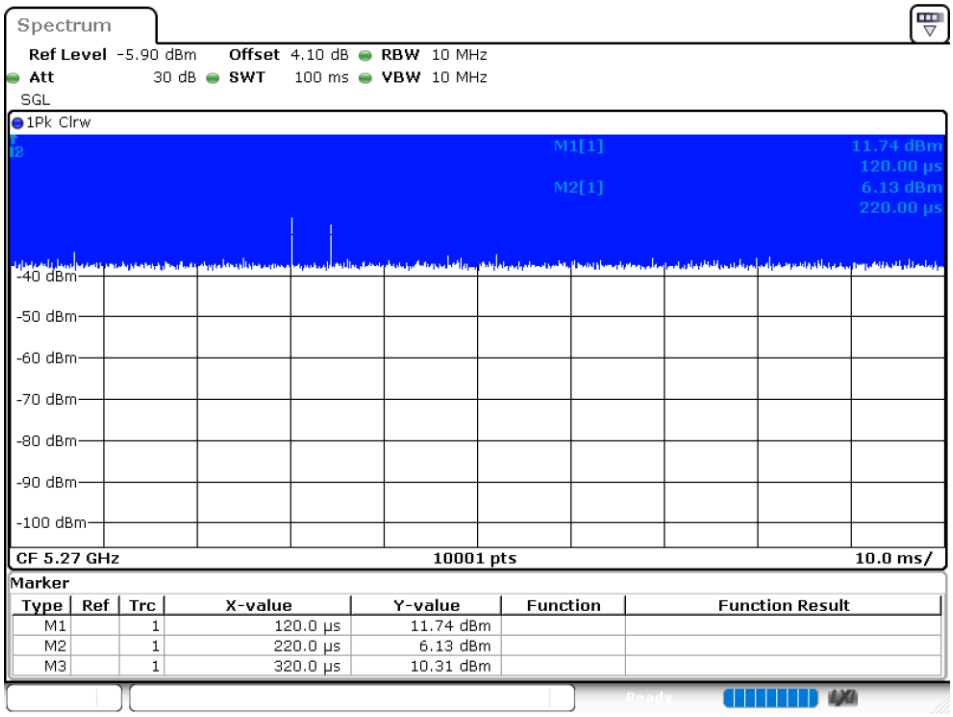
Duty Cycle NVNT n40 5270MHz Ant1



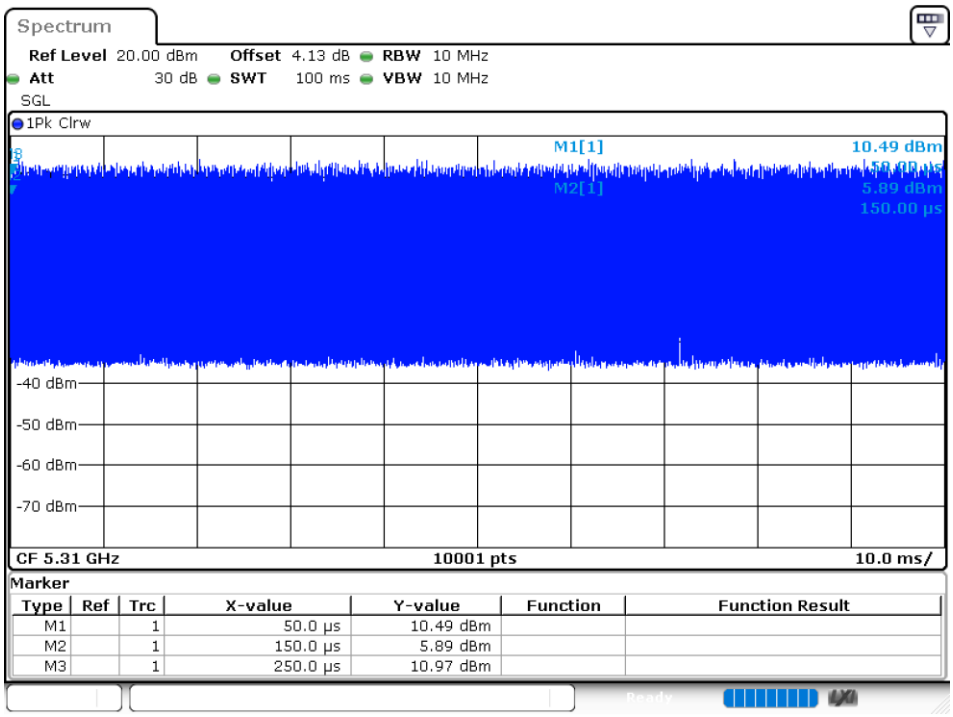
Duty Cycle NVNT n40 5310MHz Ant1



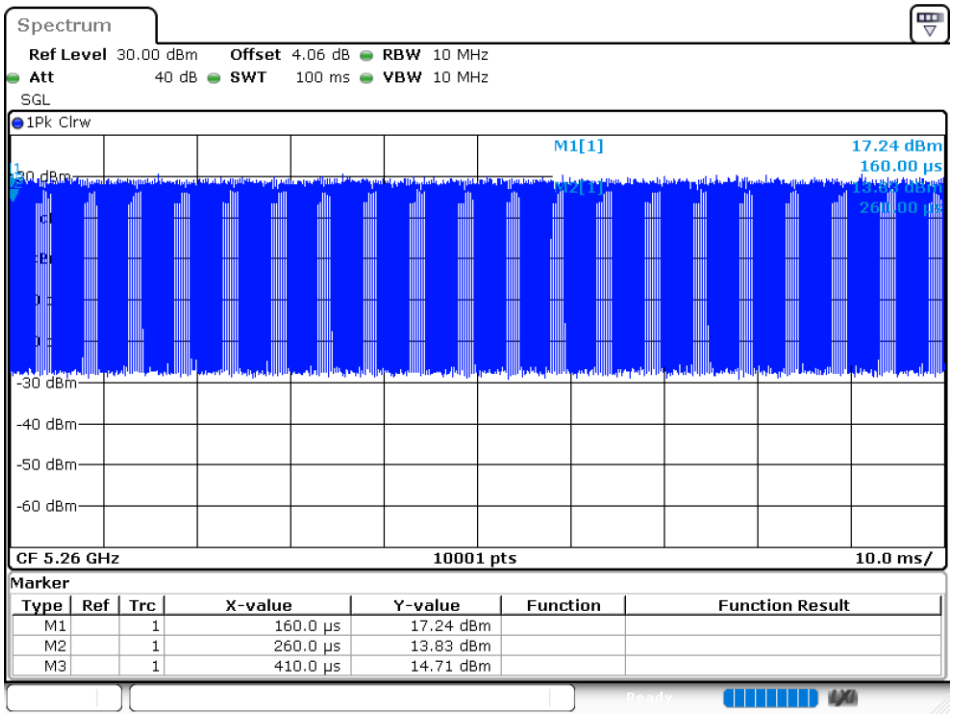
Duty Cycle NVNT n40 5270MHz Ant2



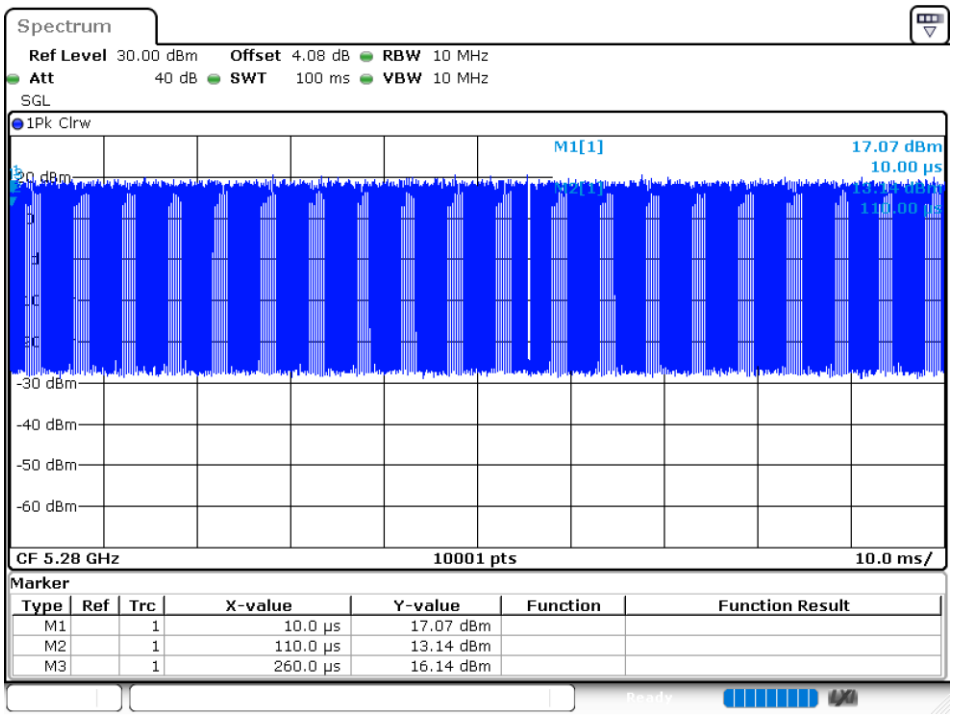
Duty Cycle NVNT n40 5310MHz Ant2



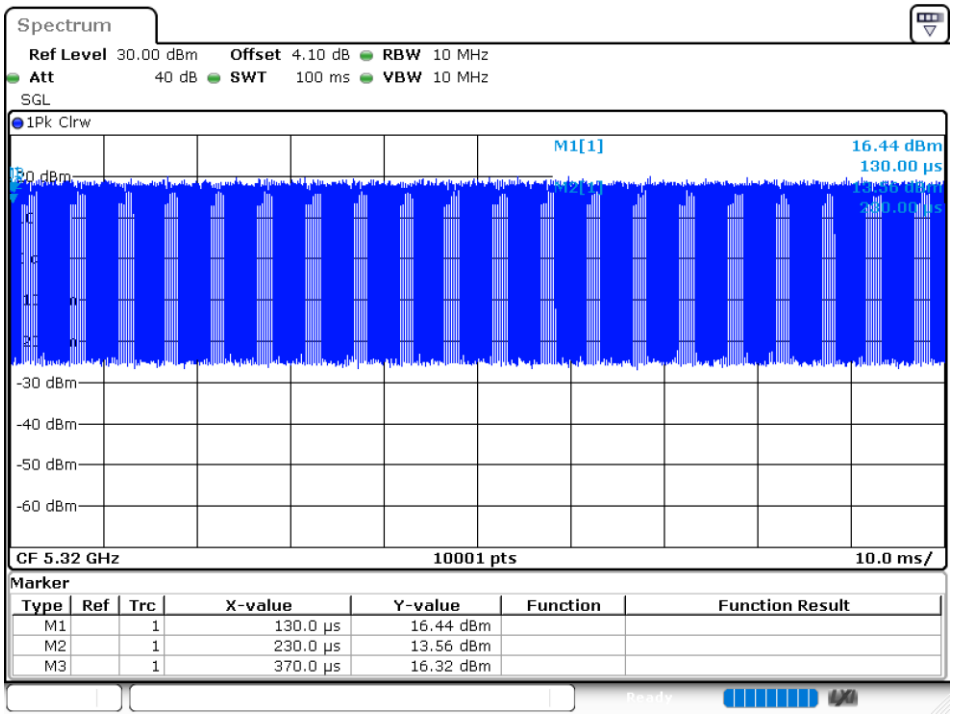
Duty Cycle NVNT ac20 5260MHz Ant1



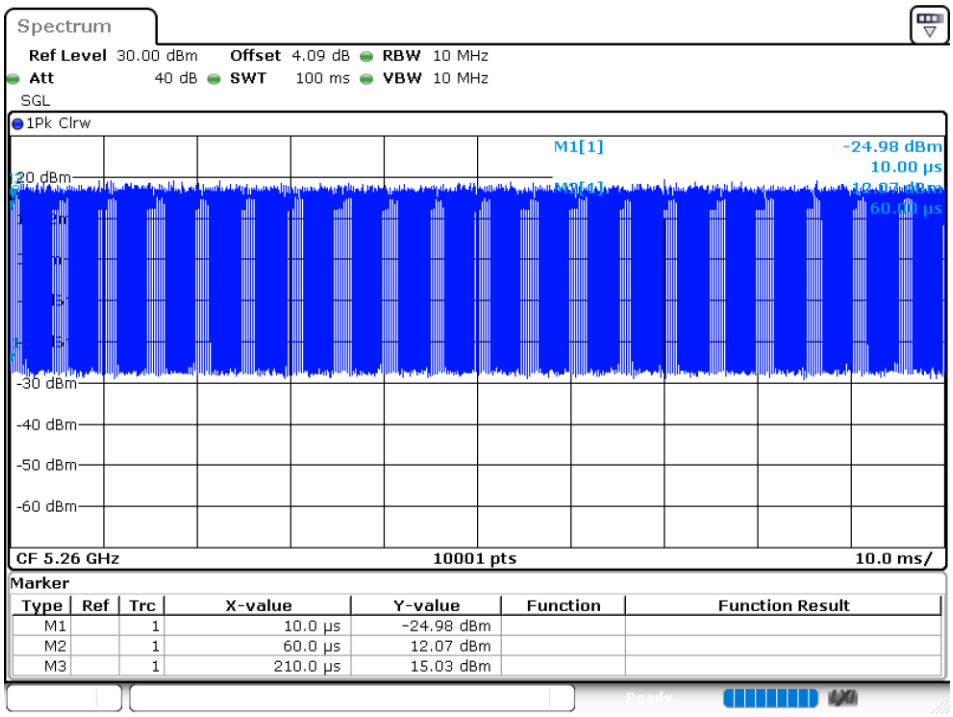
Duty Cycle NVNT ac20 5280MHz Ant1



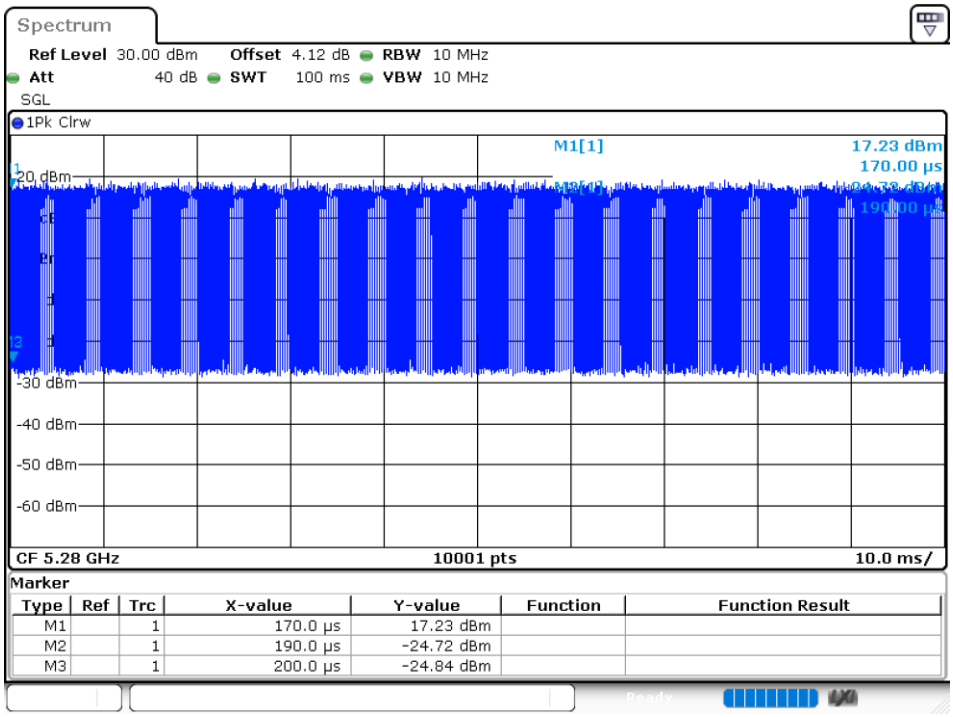
Duty Cycle NVNT ac20 5320MHz Ant1



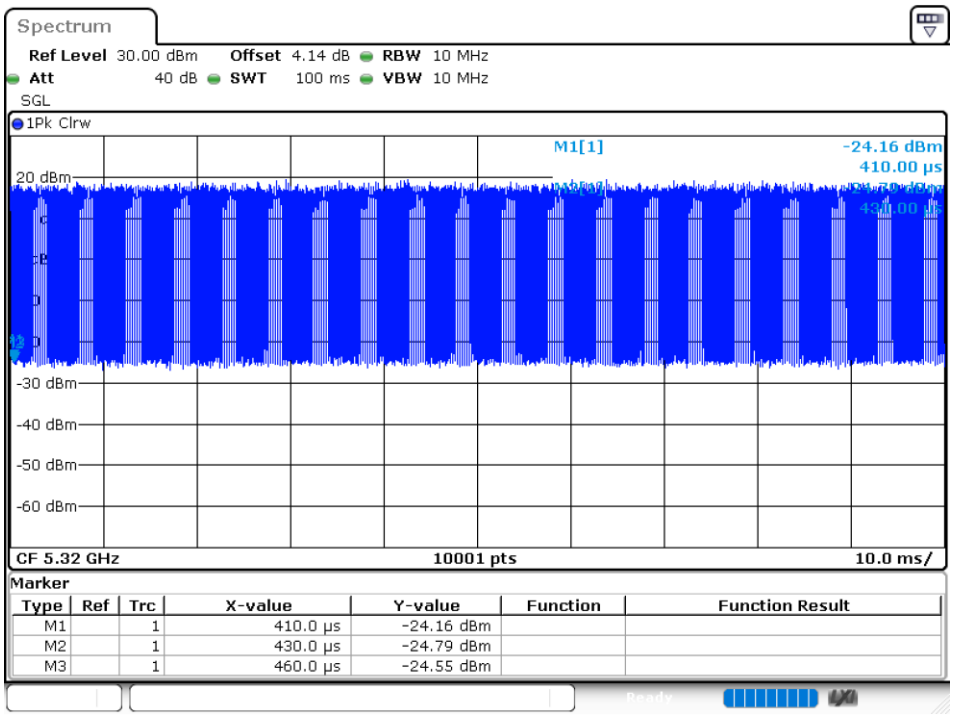
Duty Cycle NVNT ac20 5260MHz Ant2



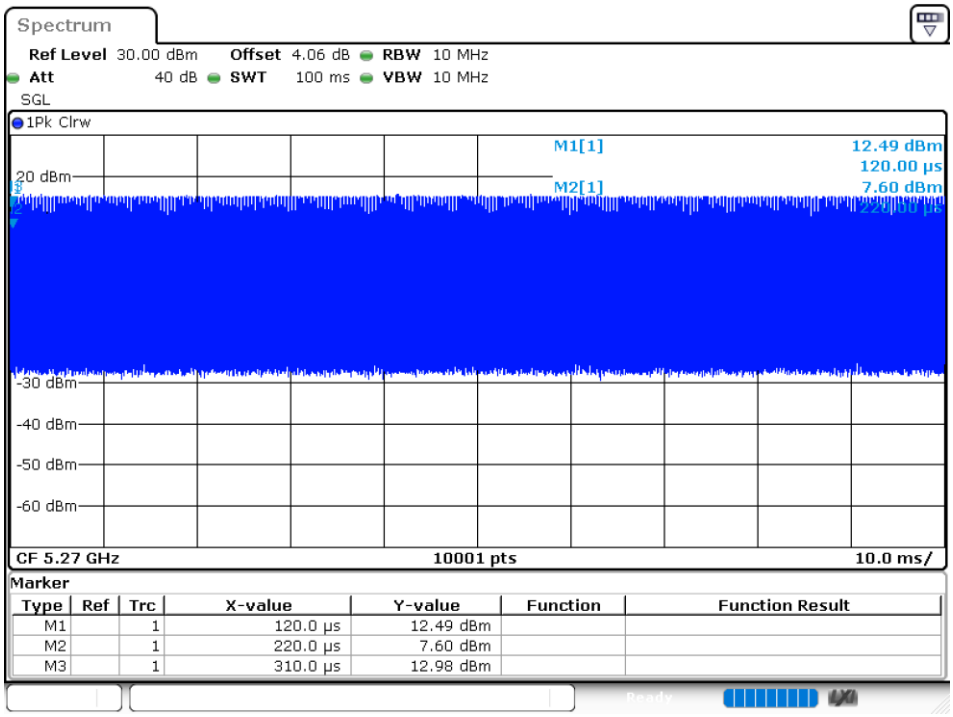
Duty Cycle NVNT ac20 5280MHz Ant2



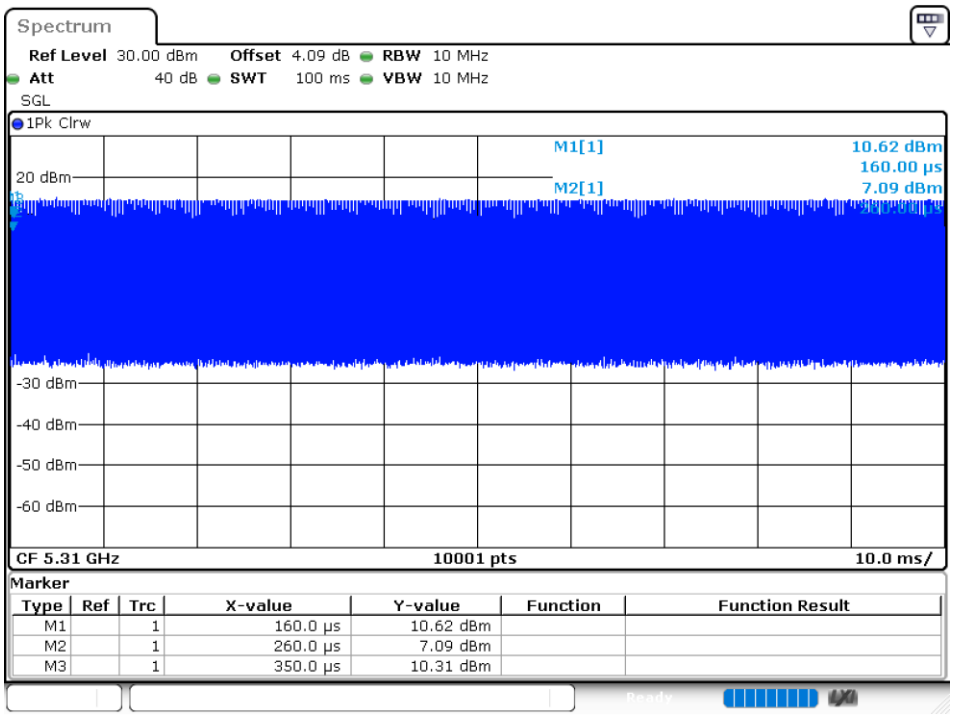
Duty Cycle NVNT ac20 5320MHz Ant2



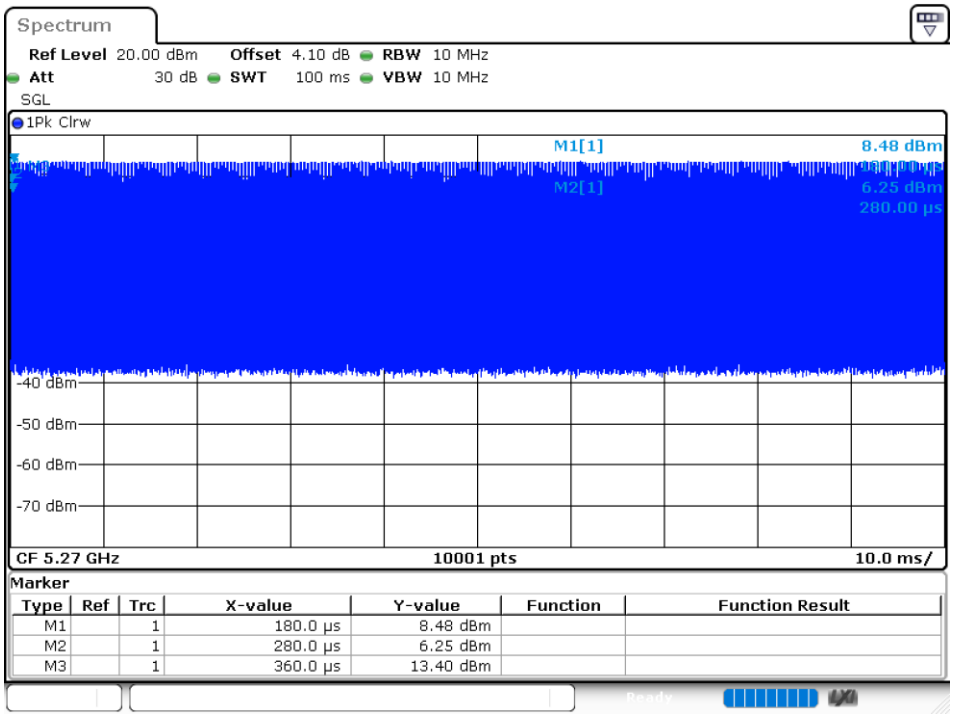
Duty Cycle NVNT ac40 5270MHz Ant1



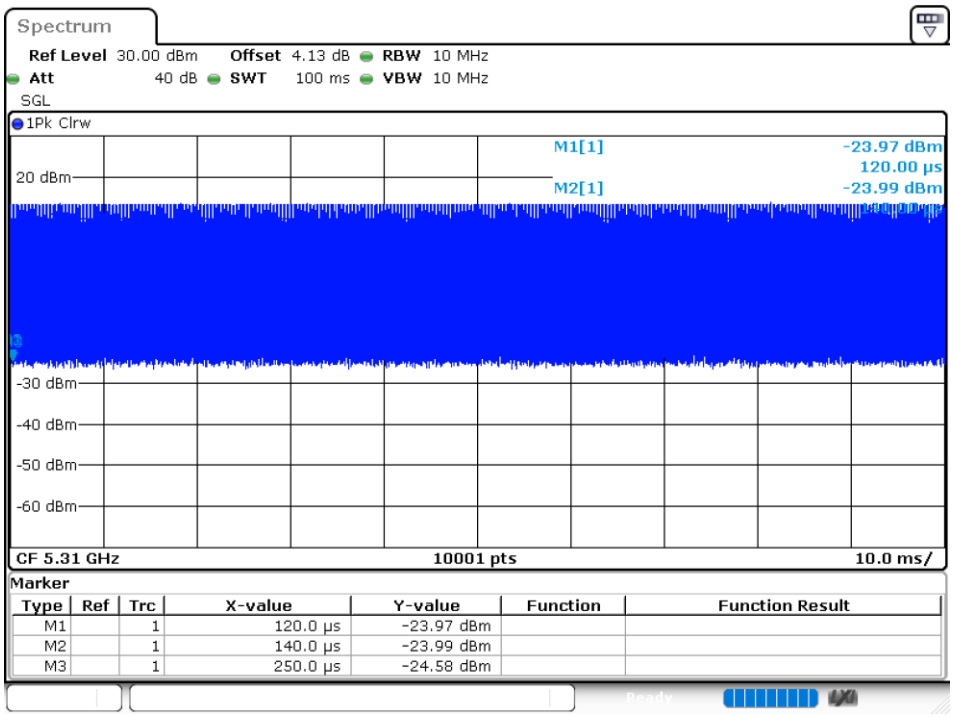
Duty Cycle NVNT ac40 5310MHz Ant1



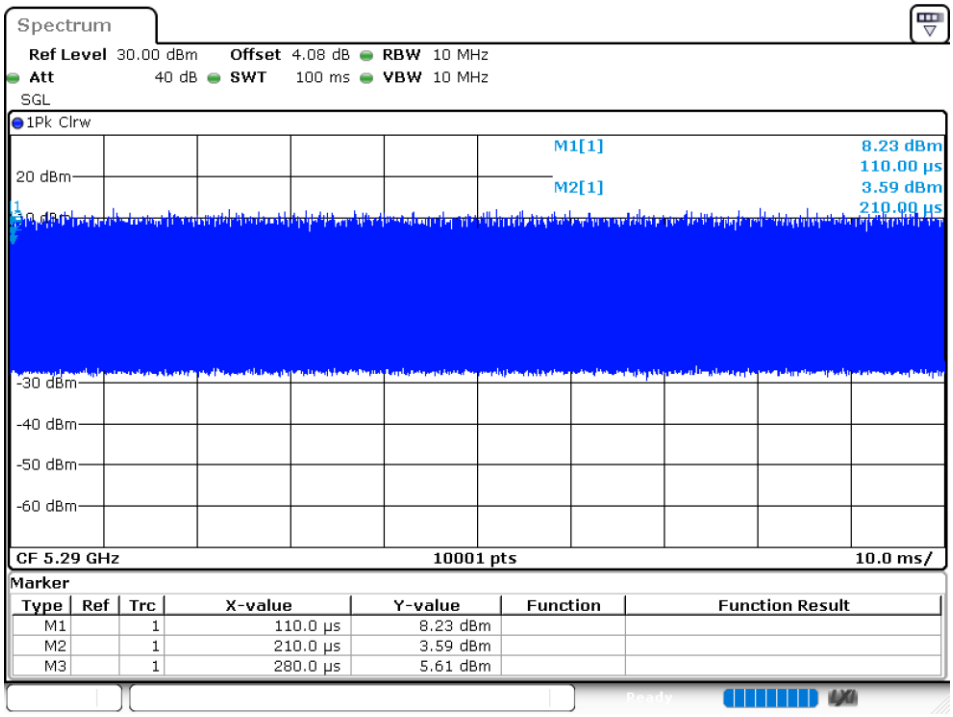
Duty Cycle NVNT ac40 5270MHz Ant2



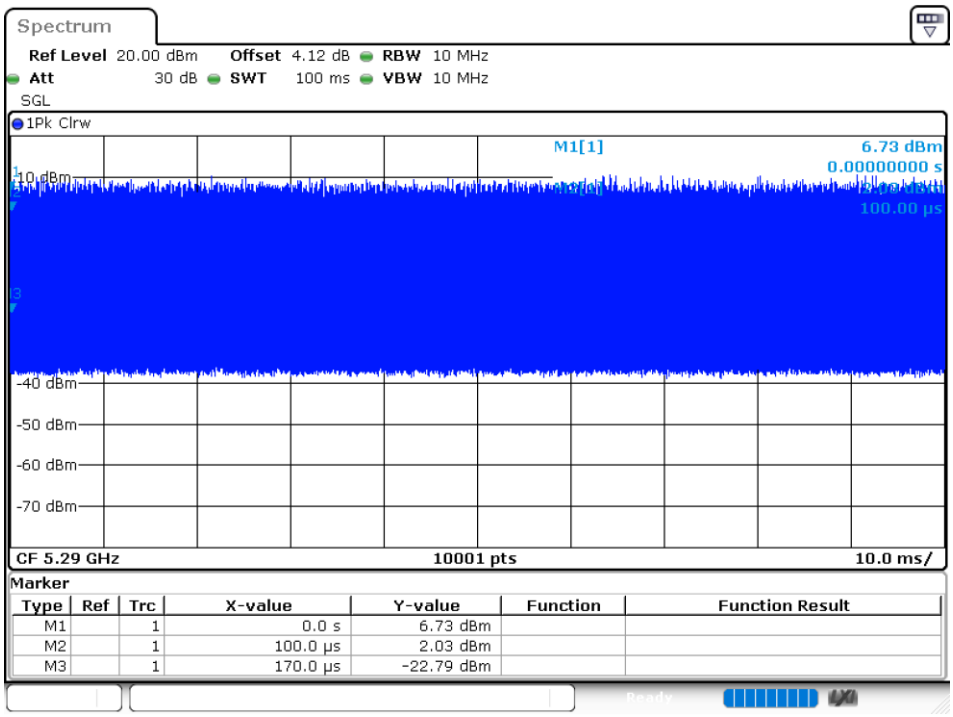
Duty Cycle NVNT ac40 5310MHz Ant2



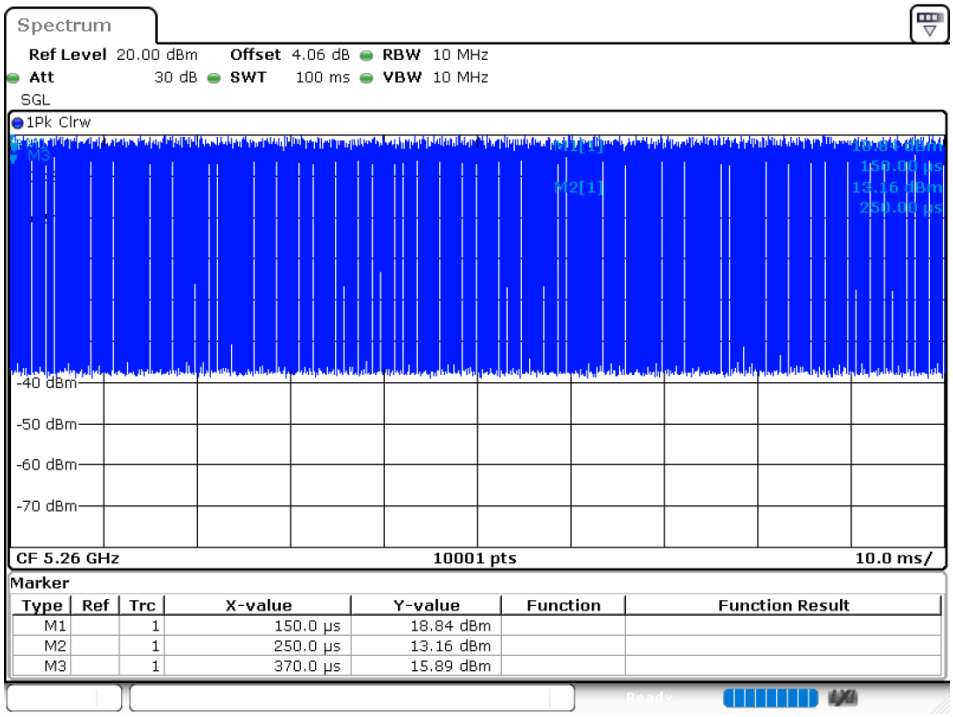
Duty Cycle NVNT ac80 5290MHz Ant1



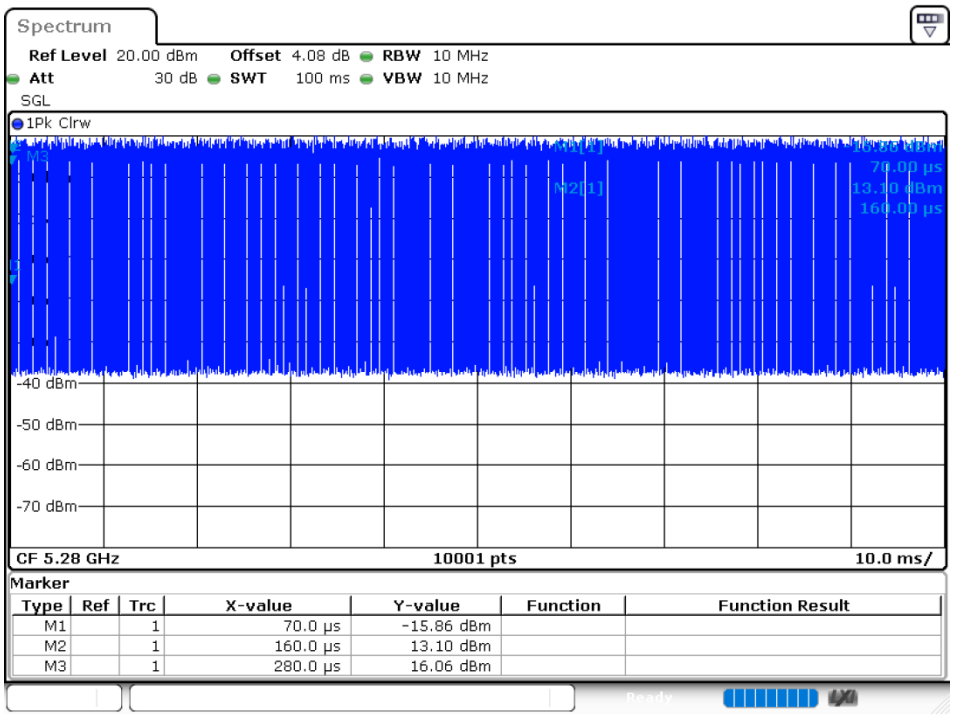
Duty Cycle NVNT ac80 5290MHz Ant2



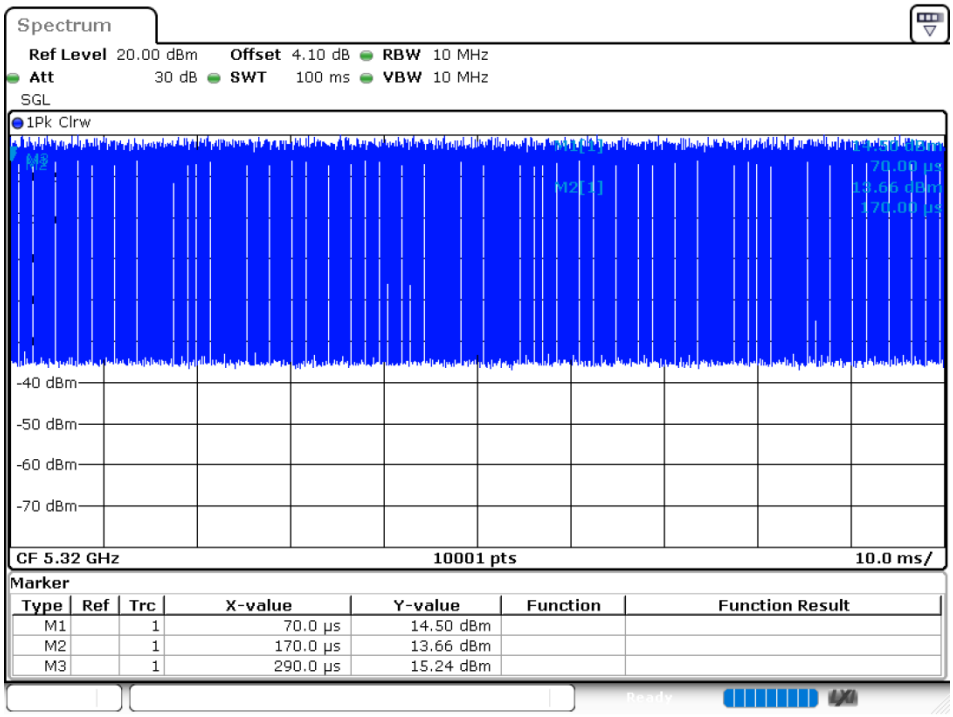
Duty Cycle NVNT ax20 5260MHz Ant1



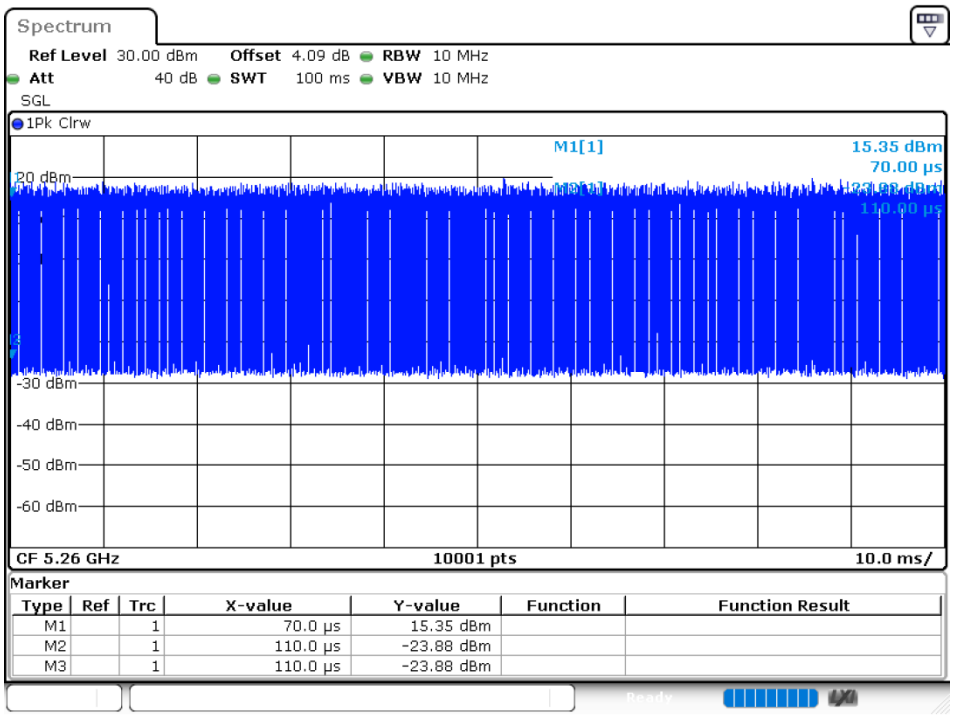
Duty Cycle NVNT ax20 5280MHz Ant1



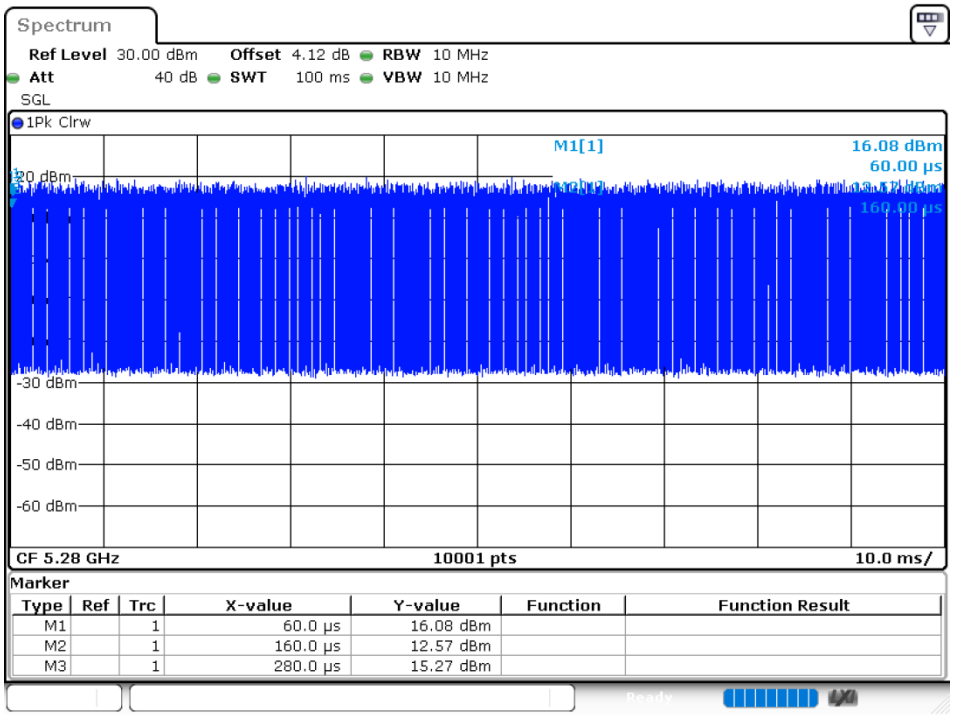
Duty Cycle NVNT ax20 5320MHz Ant1



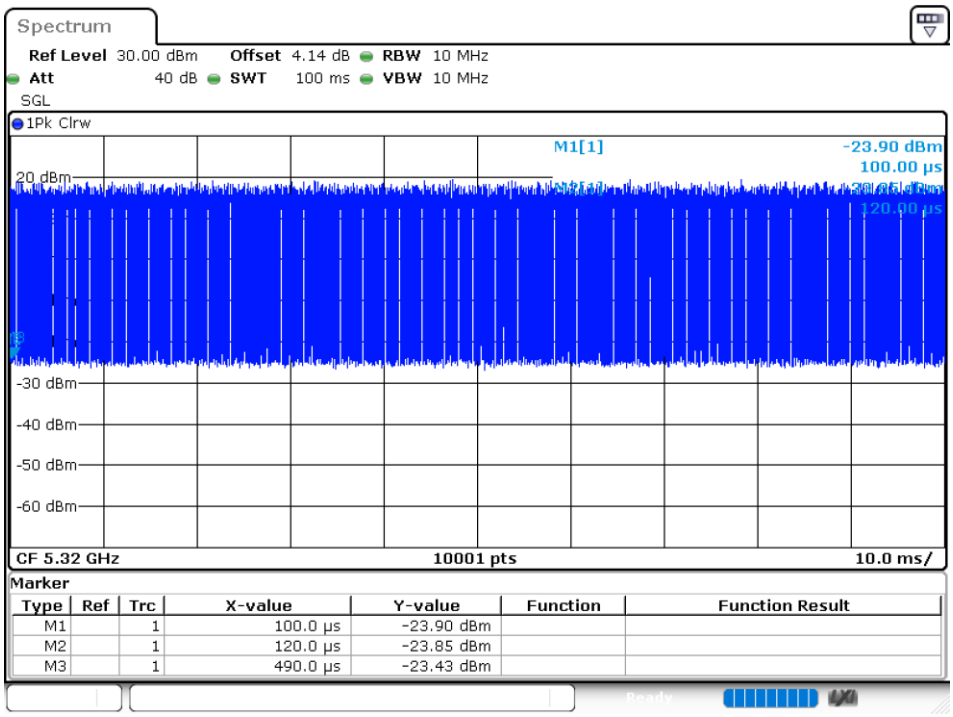
Duty Cycle NVNT ax20 5260MHz Ant2



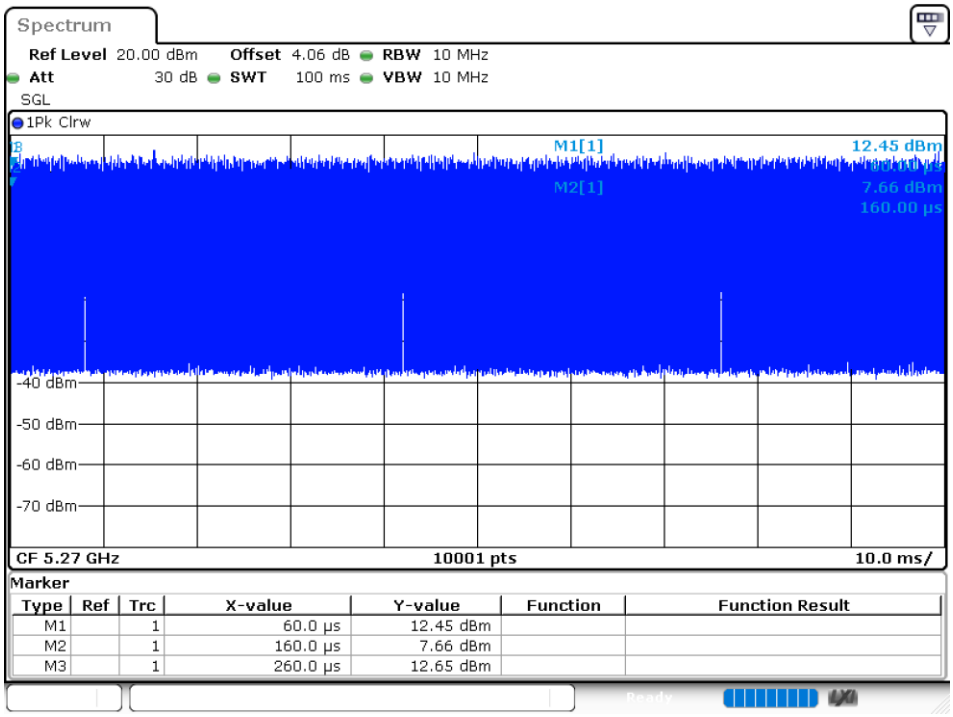
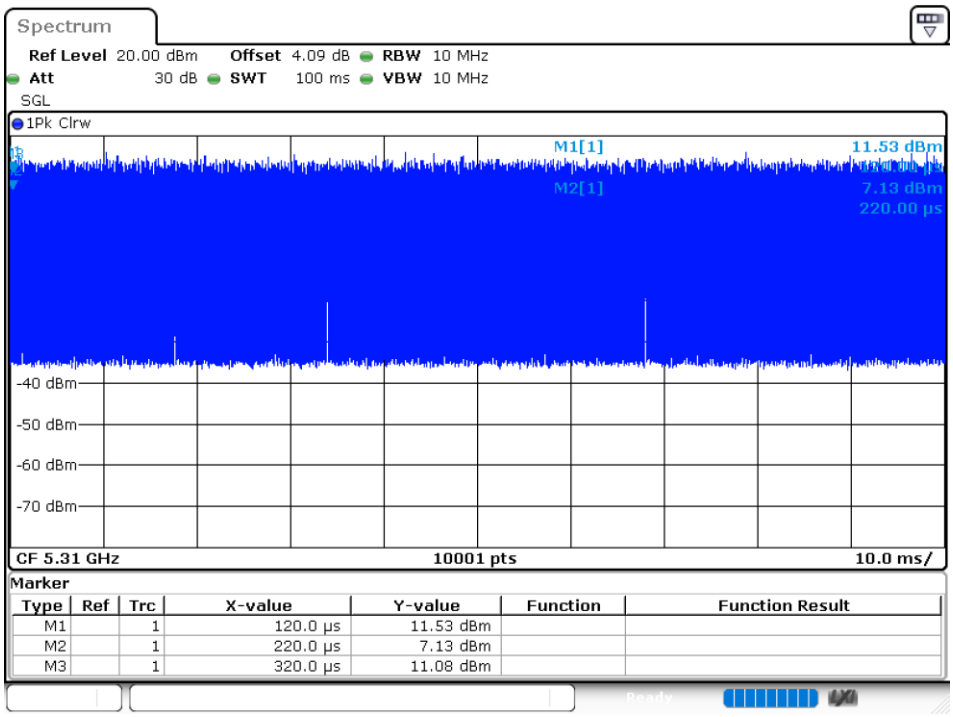
Duty Cycle NVNT ax20 5280MHz Ant2



Duty Cycle NVNT ax20 5320MHz Ant2



Duty Cycle NVNT ax40 5270MHz Ant1



Duty Cycle NVNT ax40 5310MHz Ant1