WIFI 5.2G

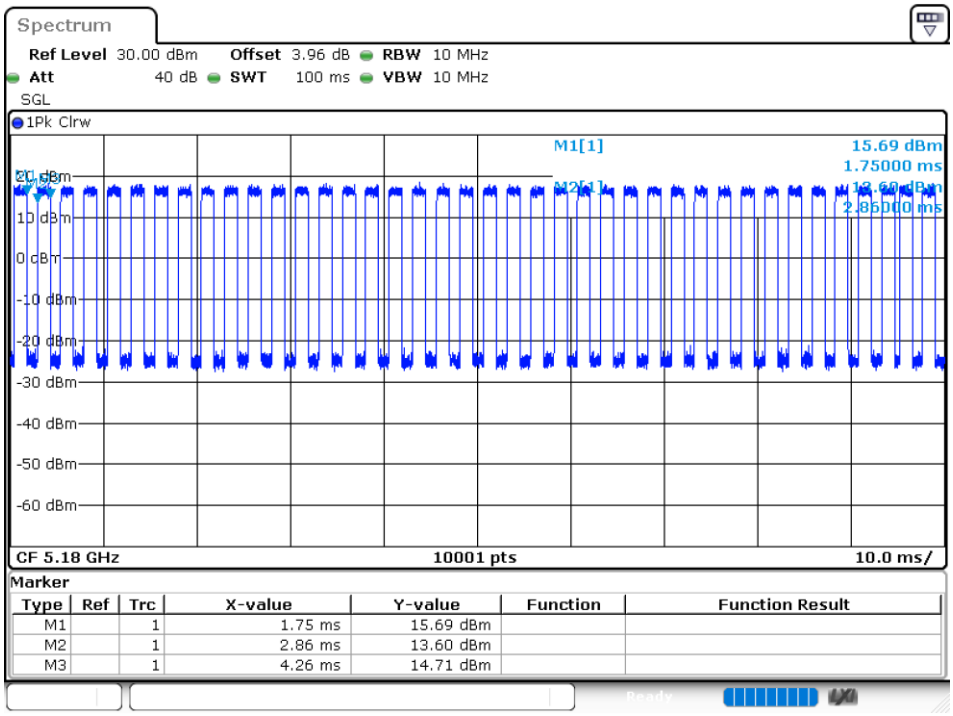
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	56.07	2.51	0.71
NVNT	a	5200	Ant1	56	2.52	0.72
NVNT	a	5240	Ant1	55.92	2.52	0.72
NVNT	a	5180	Ant2	55.93	2.52	0.72
NVNT	a	5200	Ant2	55.81	2.53	0.71
NVNT	a	5240	Ant2	55.77	2.54	0.72
NVNT	n20	5180	Ant1	53.7	2.7	0.77
NVNT	n20	5200	Ant1	54.25	2.66	0.77
NVNT	n20	5240	Ant1	54.53	2.63	0.77
NVNT	n20	5180	Ant2	54.9	2.6	0.77
NVNT	n20	5200	Ant2	53.7	2.7	0.77
NVNT	n20	5240	Ant2	53.71	2.7	0.77
NVNT	n40	5190	Ant1	36.99	4.32	1.56
NVNT	n40	5230	Ant1	37.3	4.28	1.56
NVNT	n40	5190	Ant2	37.31	4.28	1.56
NVNT	n40	5230	Ant2	37.19	4.3	1.54
NVNT	ac20	5180	Ant1	54.62	2.63	0.76
NVNT	ac20	5200	Ant1	54.71	2.62	0.76
NVNT	ac20	5240	Ant1	54	2.68	0.76
NVNT	ac20	5180	Ant2	54.02	2.67	0.76
NVNT	ac20	5200	Ant2	53.99	2.68	0.76
NVNT	ac20	5240	Ant2	54.05	2.67	0.76
NVNT	ac40	5190	Ant1	37.53	4.26	1.54
NVNT	ac40	5230	Ant1	37.71	4.24	1.54
NVNT	ac40	5190	Ant2	37.79	4.23	1.54
NVNT	ac40	5230	Ant2	38.34	4.16	1.54
NVNT	ac80	5210	Ant1	22.04	6.57	3.13
NVNT	ac80	5210	Ant2	24.47	6.11	∞
NVNT	ax20	5180	Ant1	48.12	3.18	0.99
NVNT	ax20	5200	Ant1	47.93	3.19	0.98
NVNT	ax20	5240	Ant1	47.67	3.22	0.99
NVNT	ax20	5180	Ant2	47.76	3.21	0.98
NVNT	ax20	5200	Ant2	48.07	3.18	0.99
NVNT	ax20	5240	Ant2	47.11	3.27	0.99
NVNT	ax40	5190	Ant1	32.6	4.87	1.89
NVNT	ax40	5230	Ant1	32.55	4.87	1.85

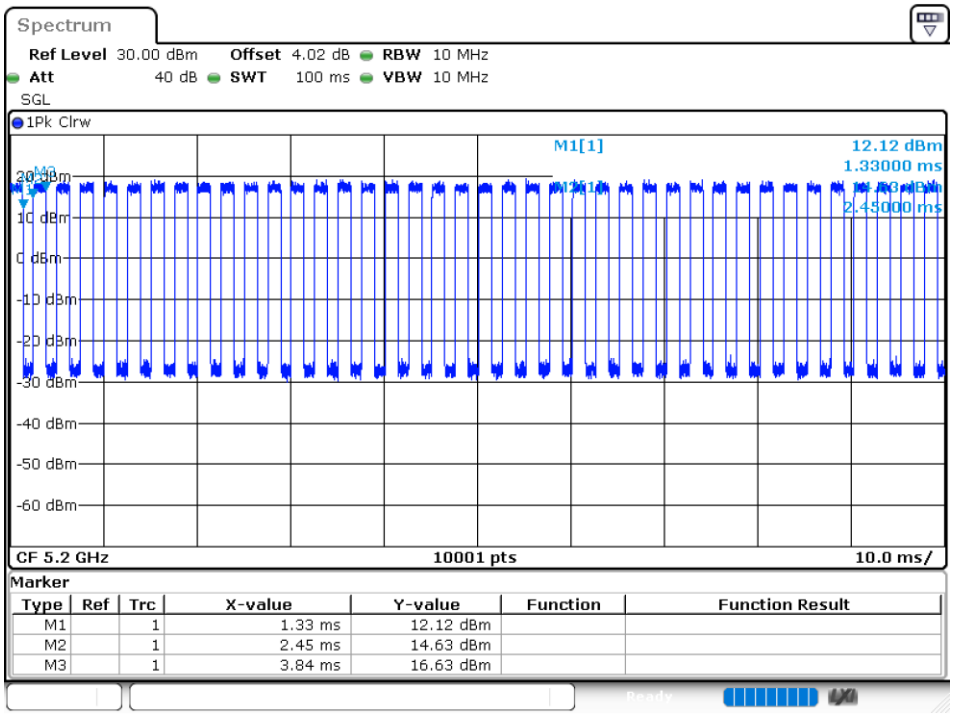
NVNT	ax40	5190	Ant2	33.01	4.81	1.85
NVNT	ax40	5230	Ant2	33.19	4.79	1.89
NVNT	ax80	5210	Ant1	21.53	6.67	3.57
NVNT	ax80	5210	Ant2	20.82	6.82	3.57

Test Graphs

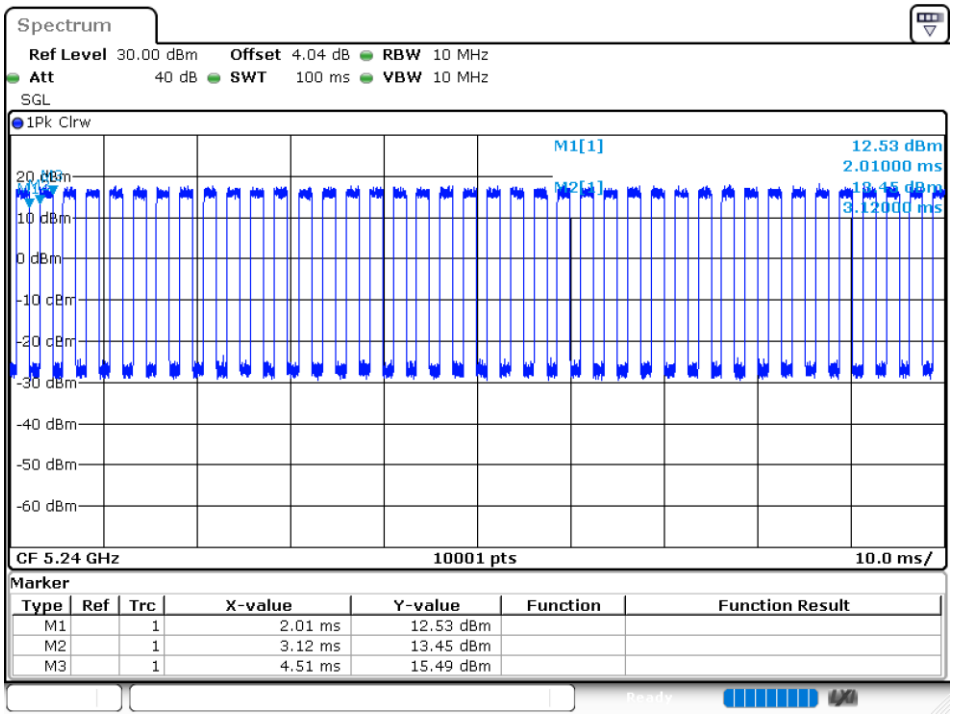
Duty Cycle NVNT a 5180MHz Ant1



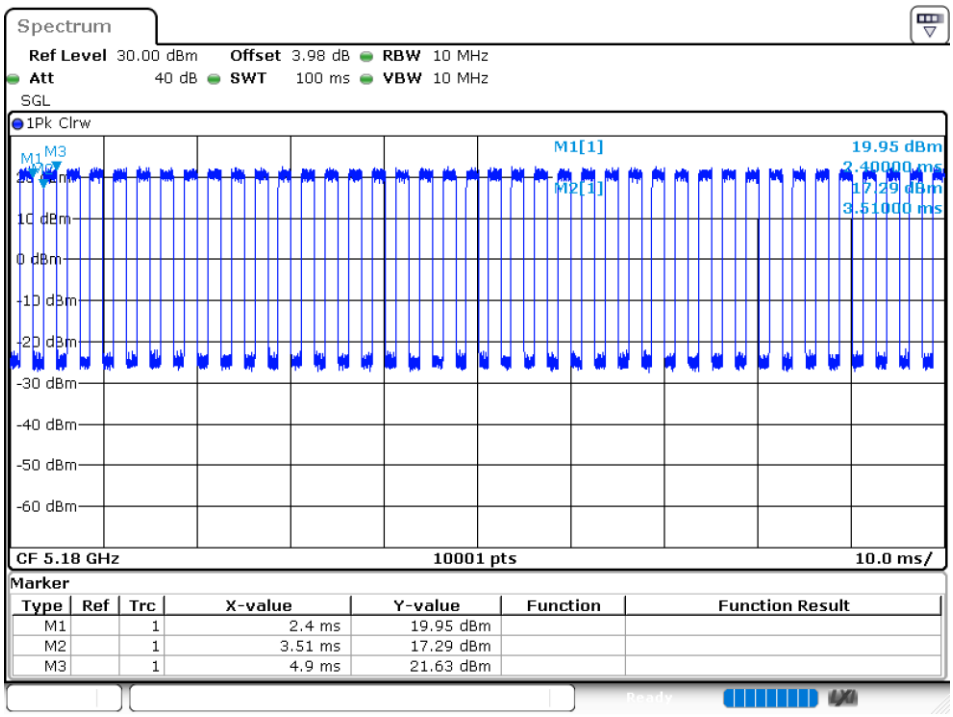
Duty Cycle NVNT a 5200MHz Ant1



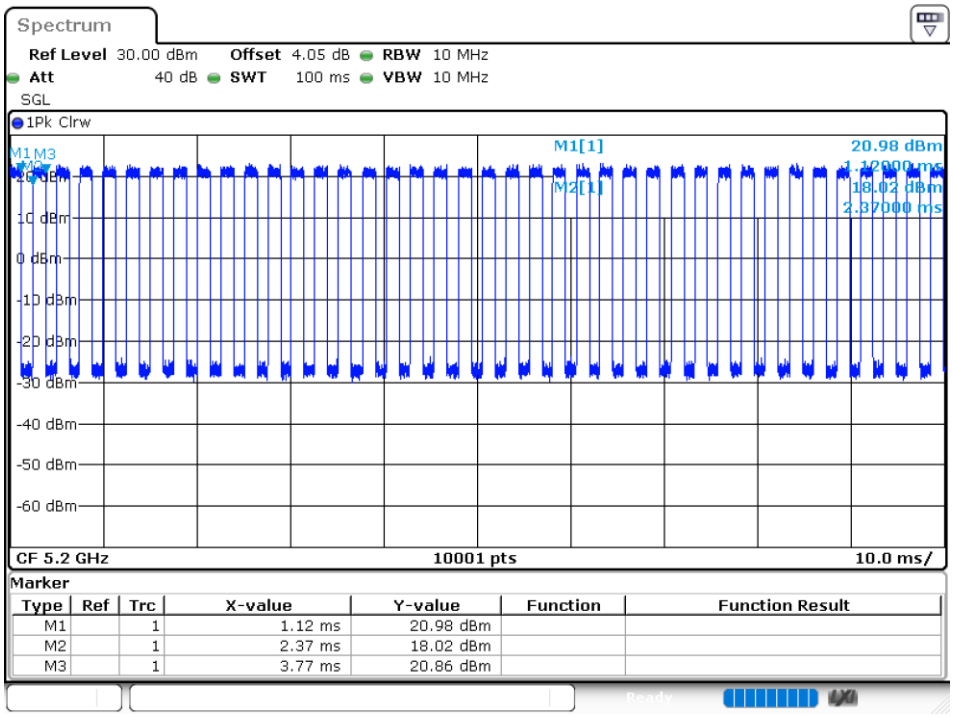
Duty Cycle NVNT a 5240MHz Ant1



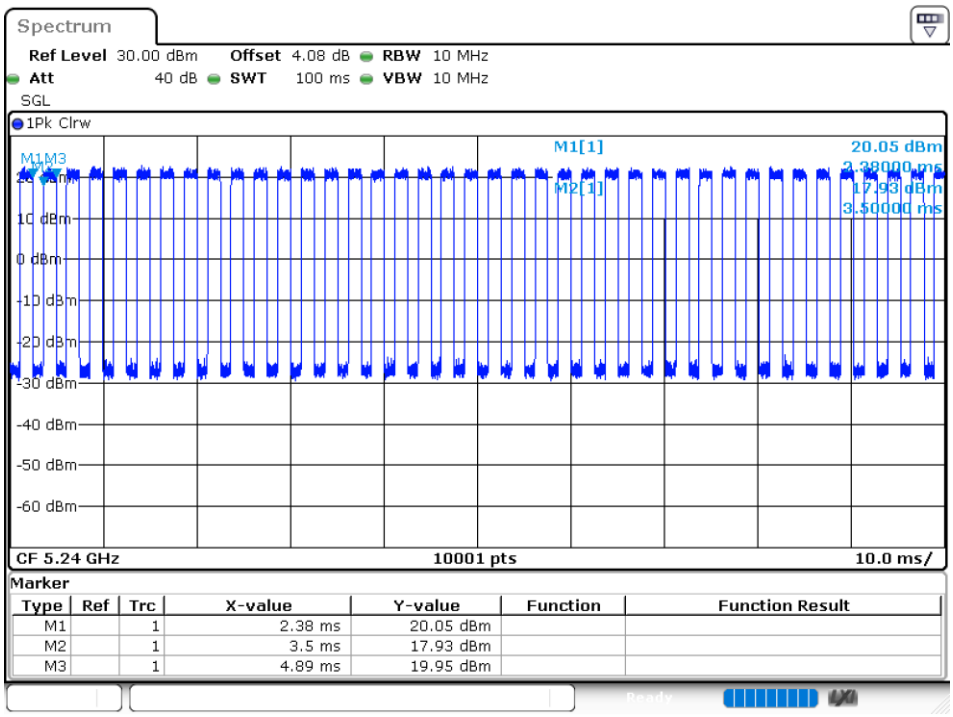
Duty Cycle NVNT a 5180MHz Ant2



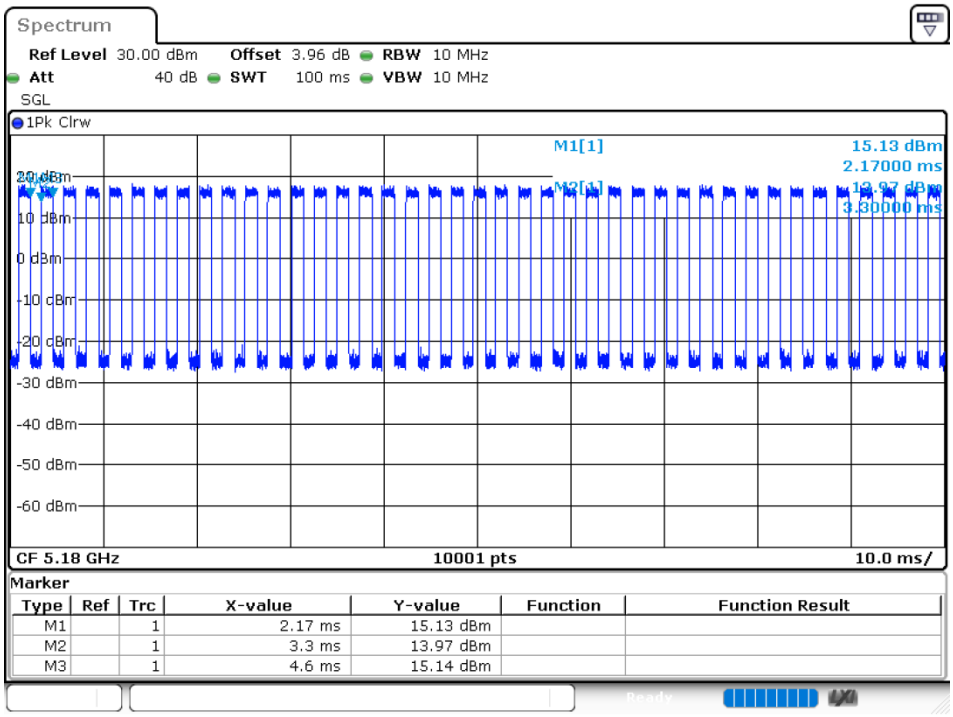
Duty Cycle NVNT a 5200MHz Ant2



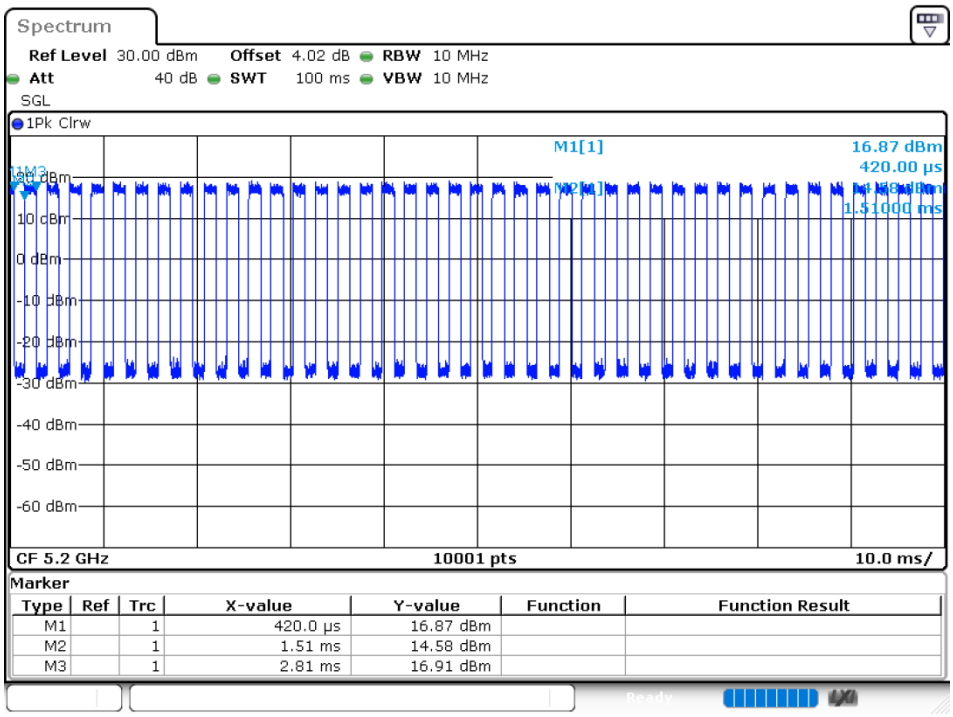
Duty Cycle NVNT a 5240MHz Ant2



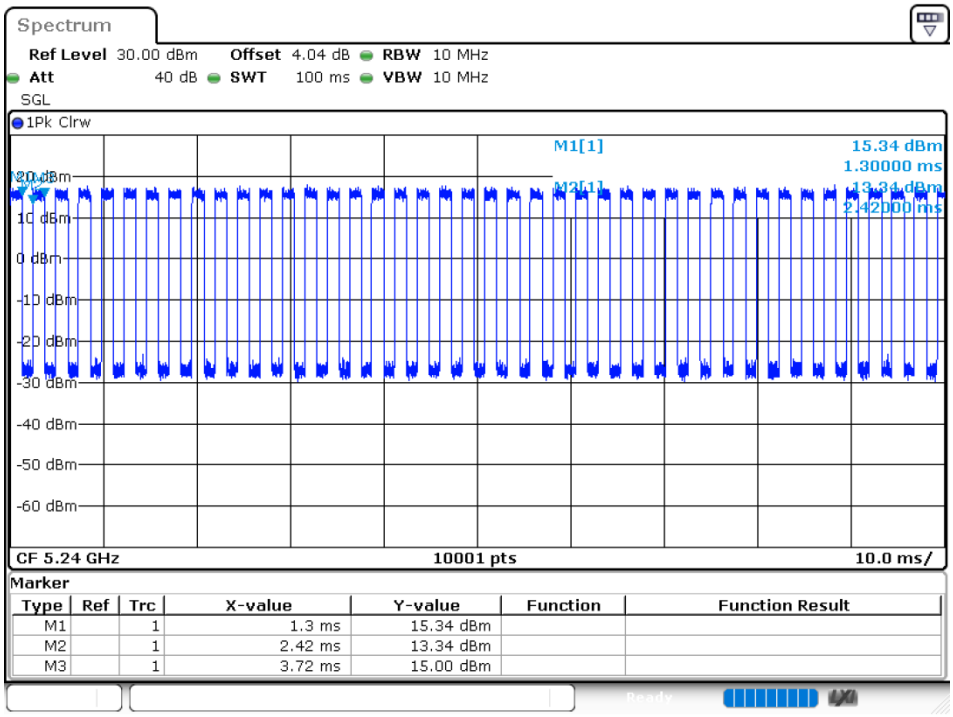
Duty Cycle NVNT n20 5180MHz Ant1



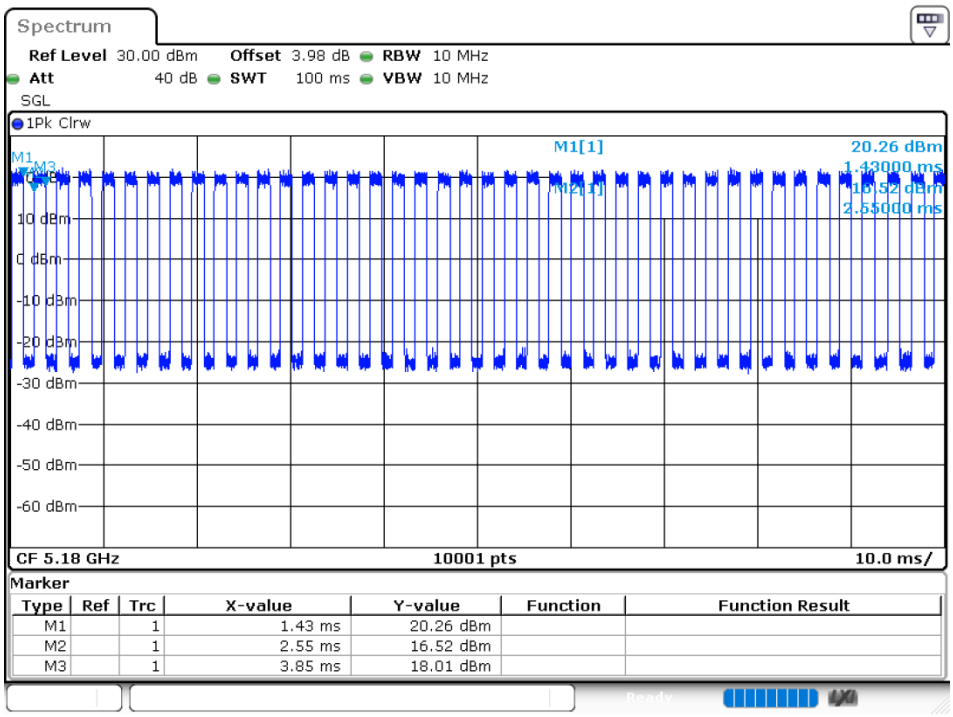
Duty Cycle NVNT n20 5200MHz Ant1



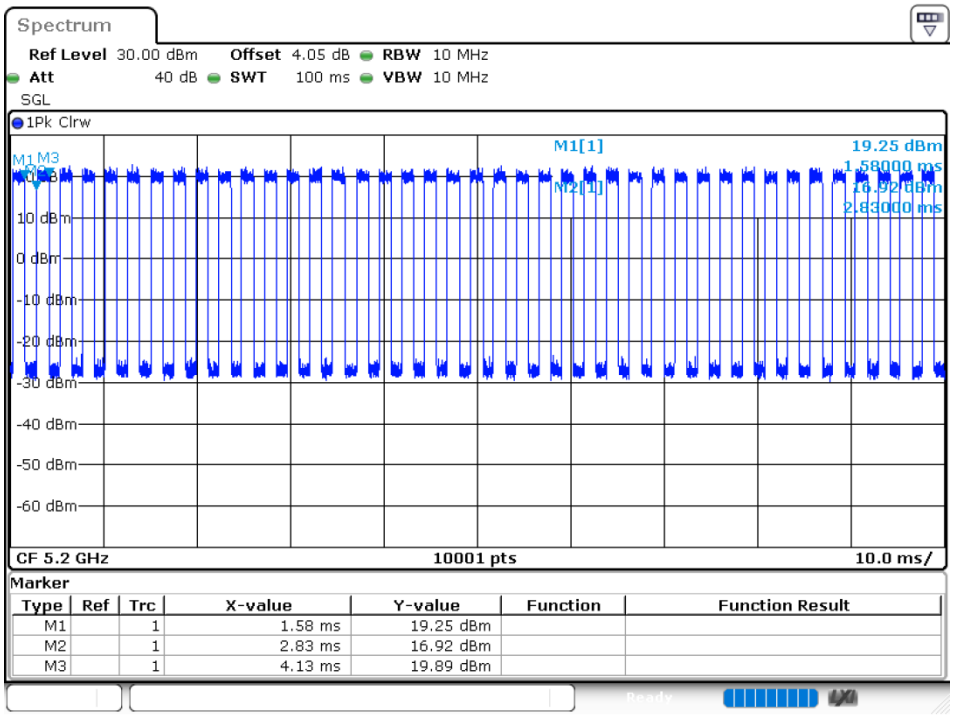
Duty Cycle NVNT n20 5240MHz Ant1



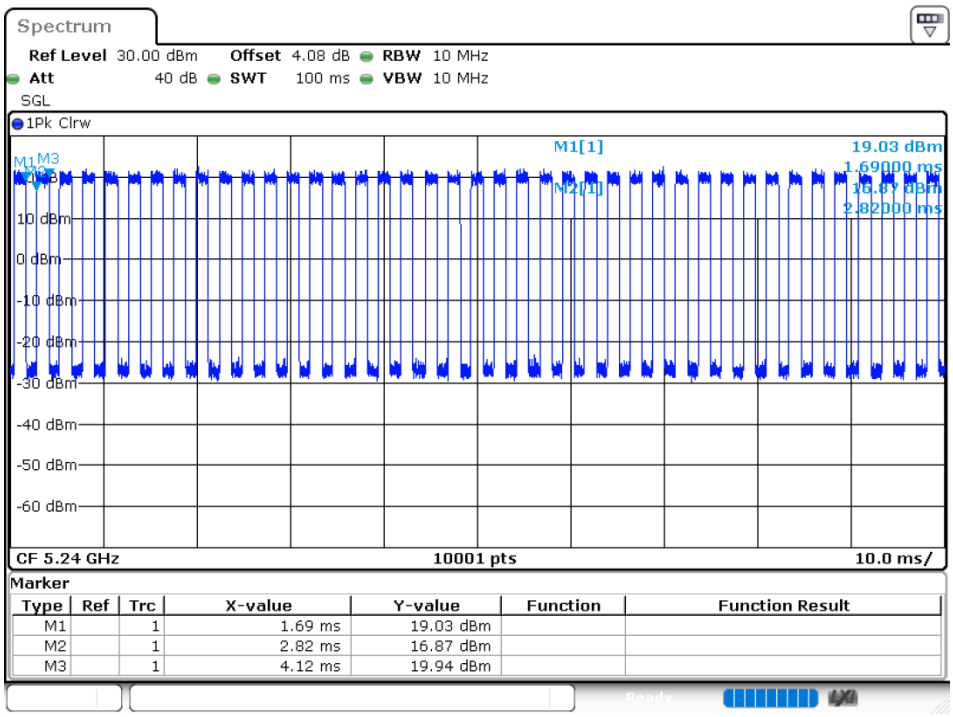
Duty Cycle NVNT n20 5180MHz Ant2



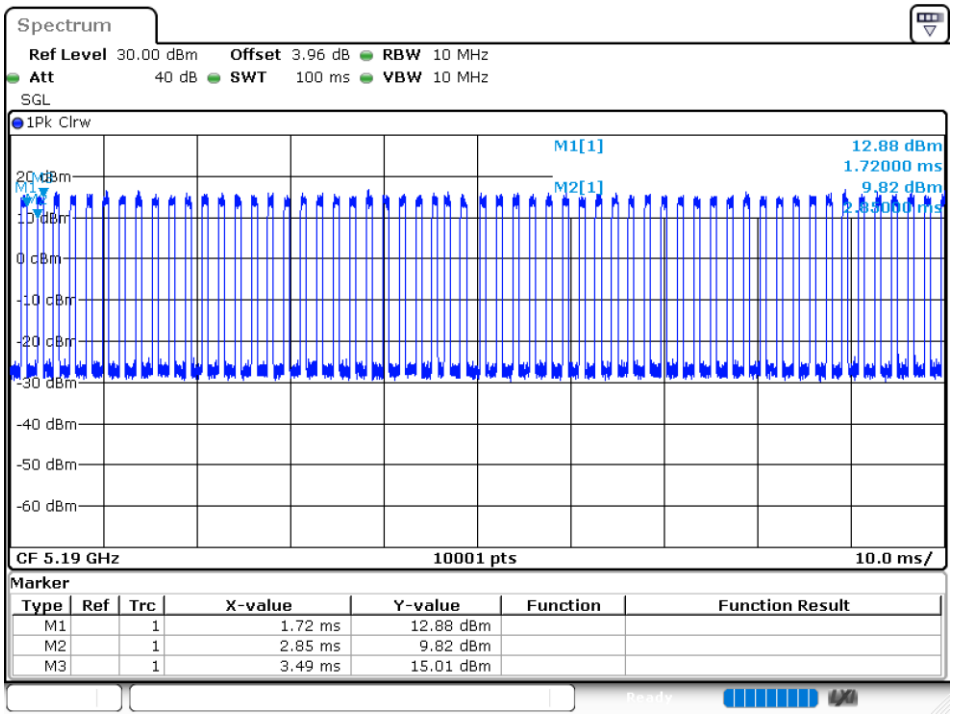
Duty Cycle NVNT n20 5200MHz Ant2



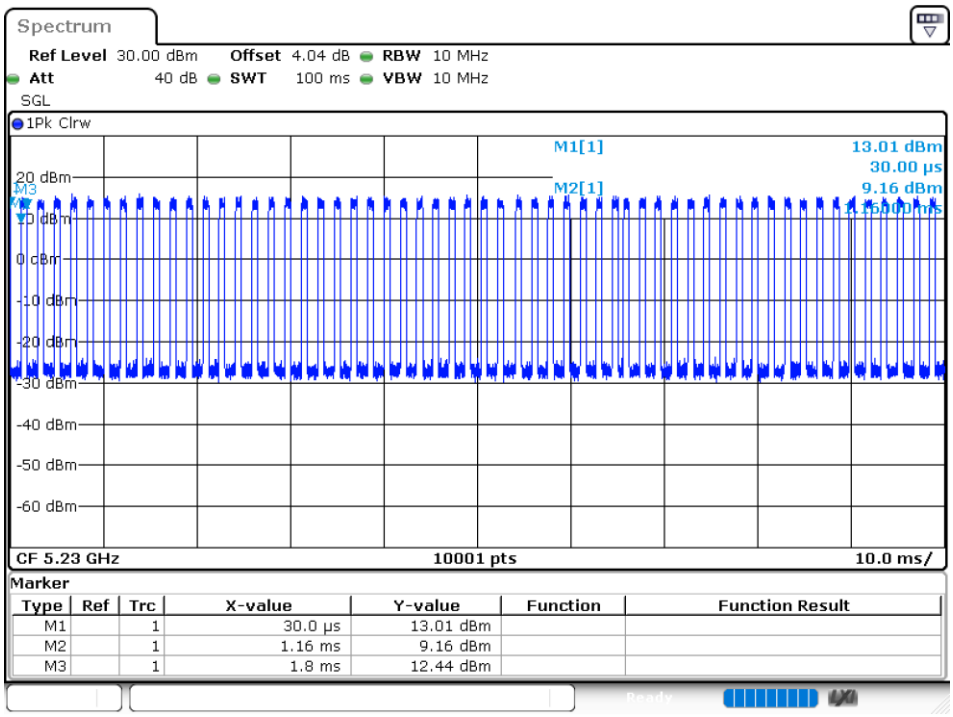
Duty Cycle NVNT n20 5240MHz Ant2



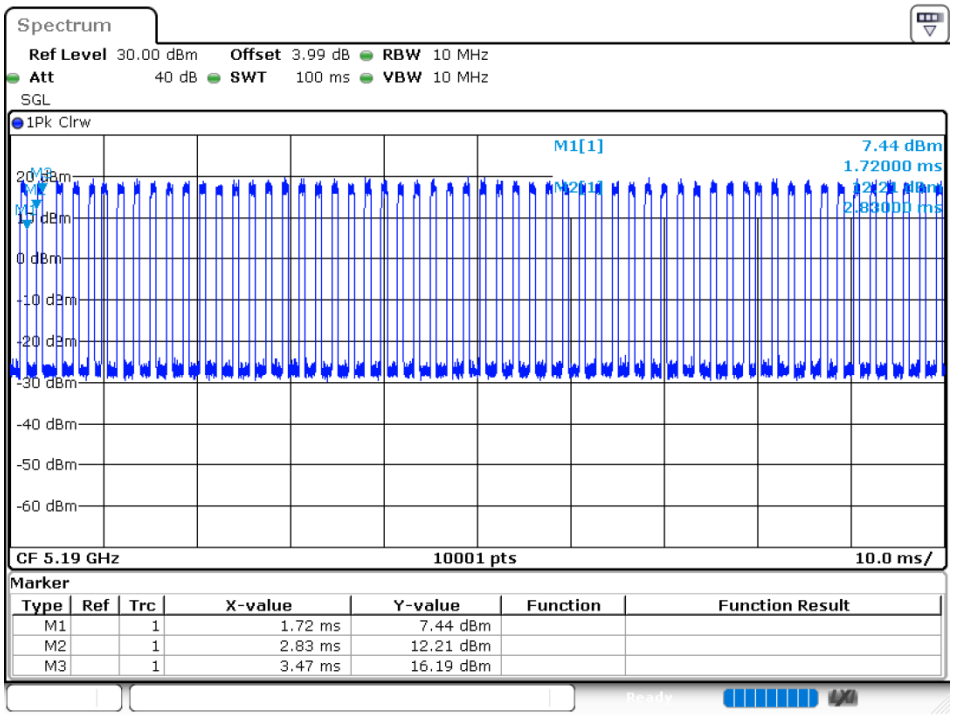
Duty Cycle NVNT n40 5190MHz Ant1



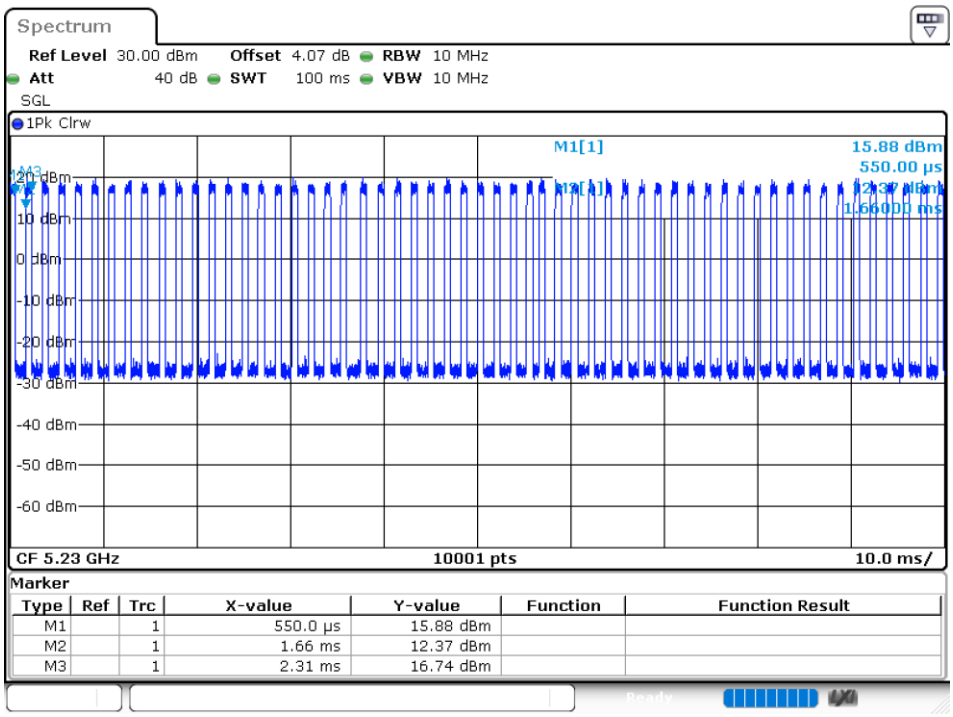
Duty Cycle NVNT n40 5230MHz Ant1



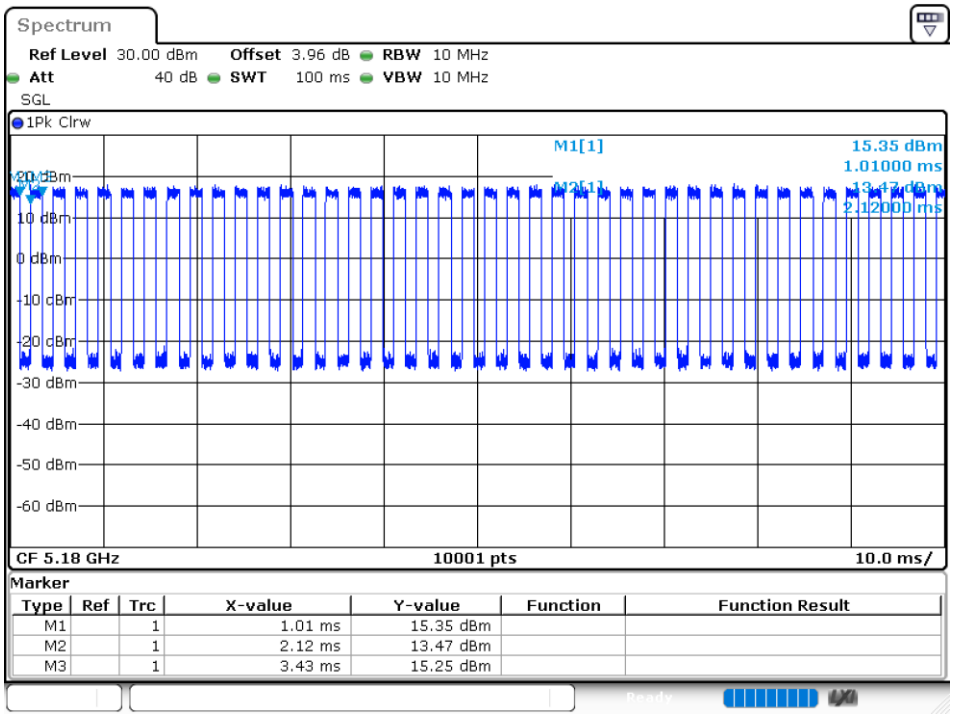
Duty Cycle NVNT n40 5190MHz Ant2



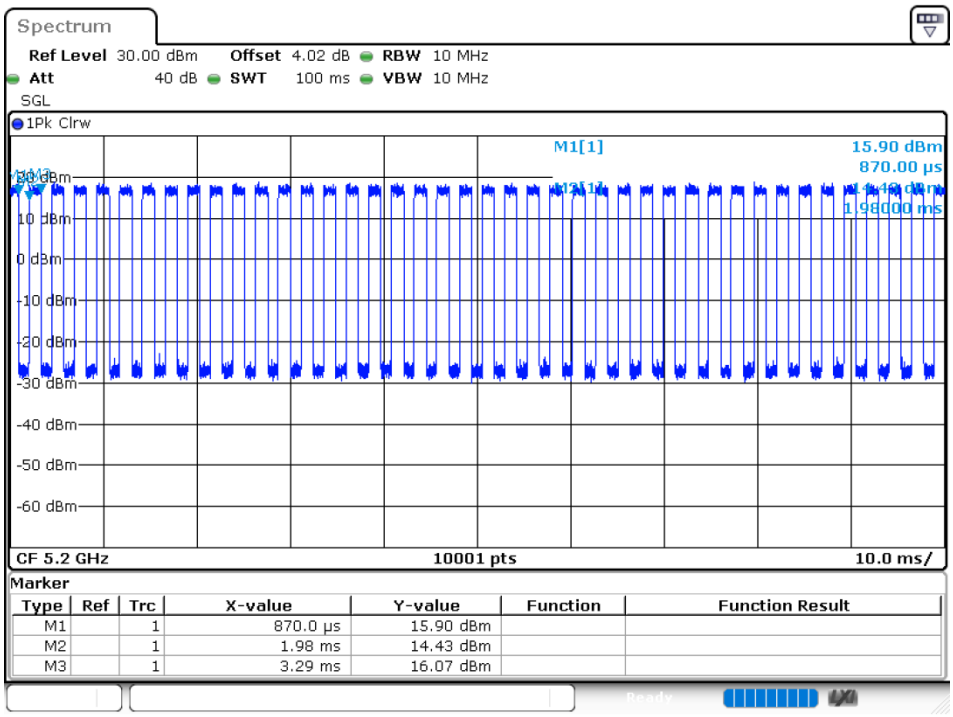
Duty Cycle NVNT n40 5230MHz Ant2



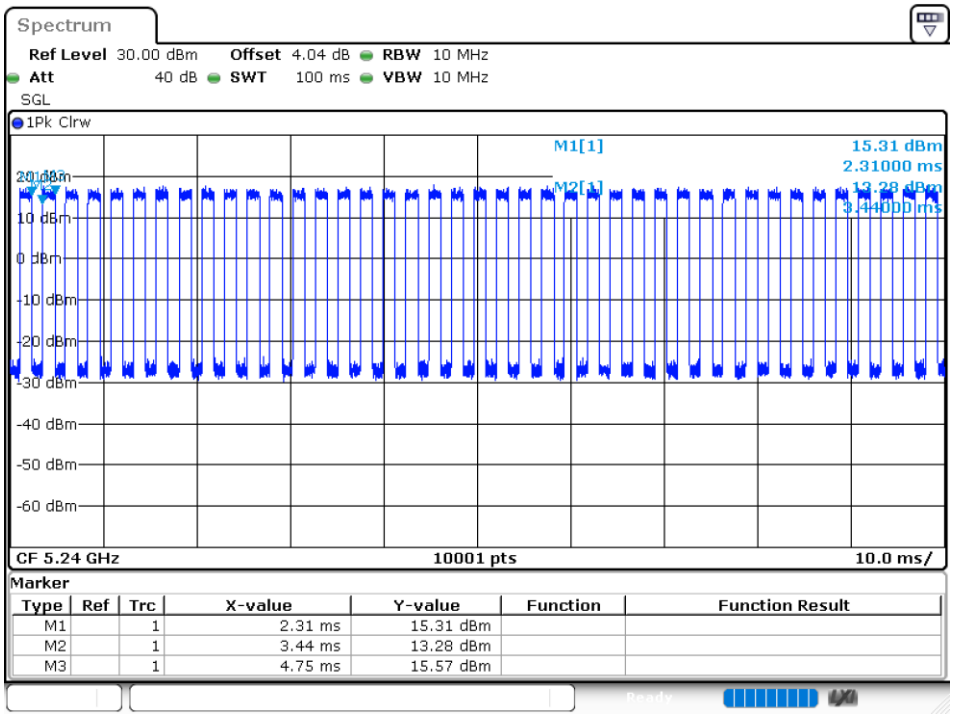
Duty Cycle NVNT ac20 5180MHz Ant1



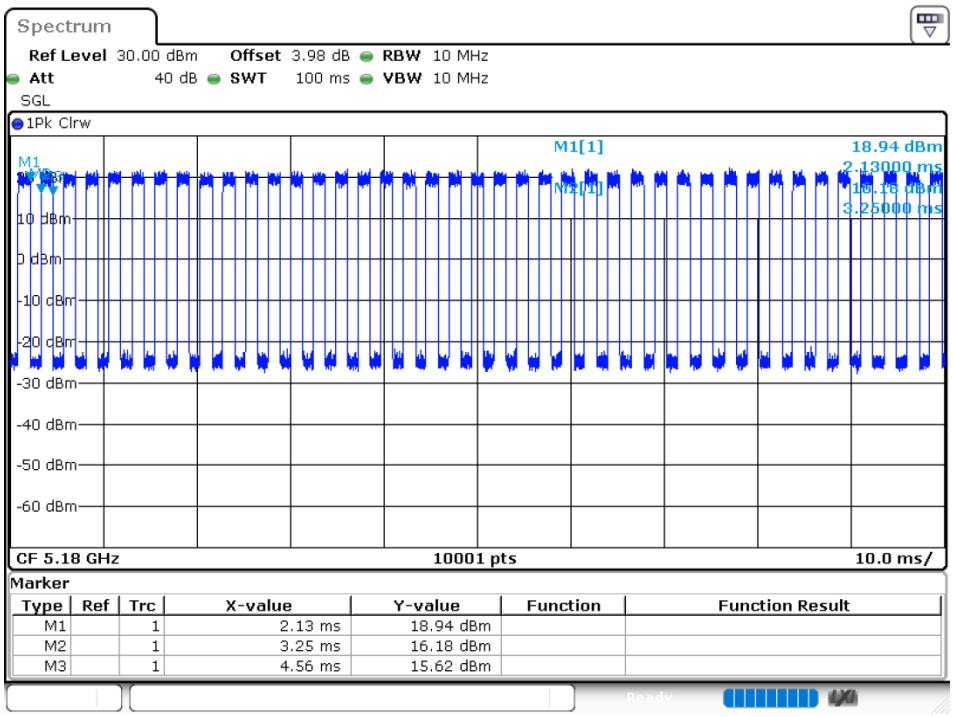
Duty Cycle NVNT ac20 5200MHz Ant1



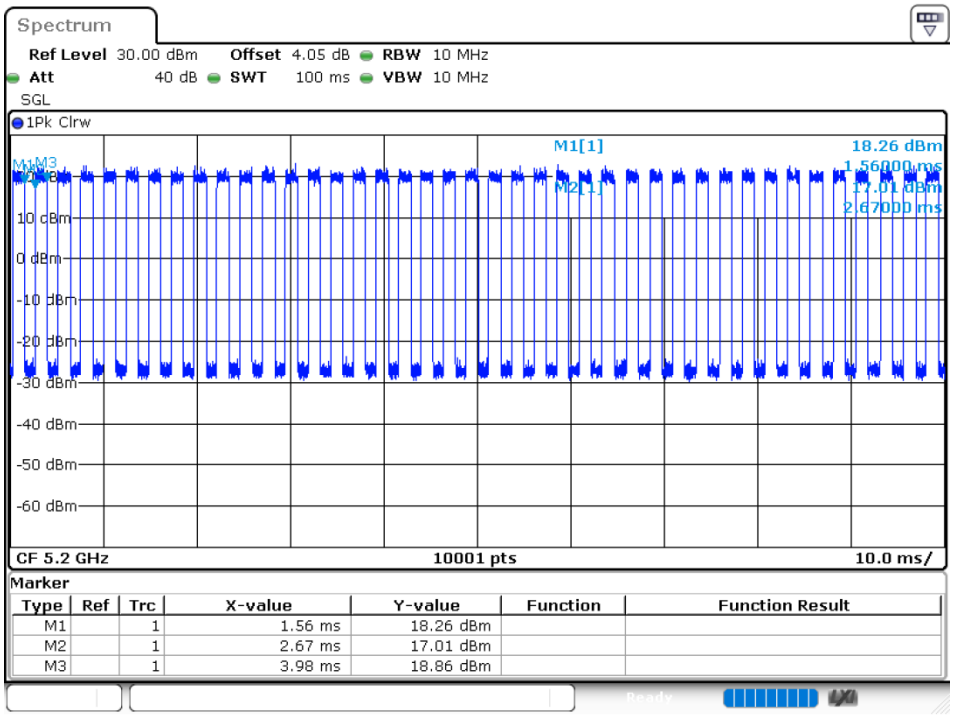
Duty Cycle NVNT ac20 5240MHz Ant1



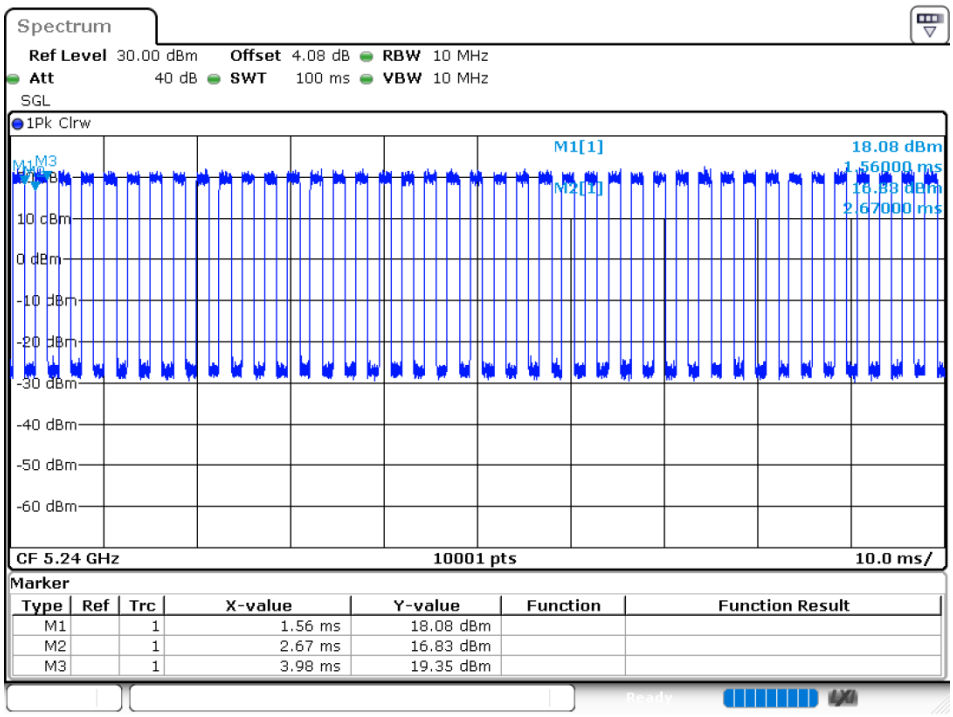
Duty Cycle NVNT ac20 5180MHz Ant2



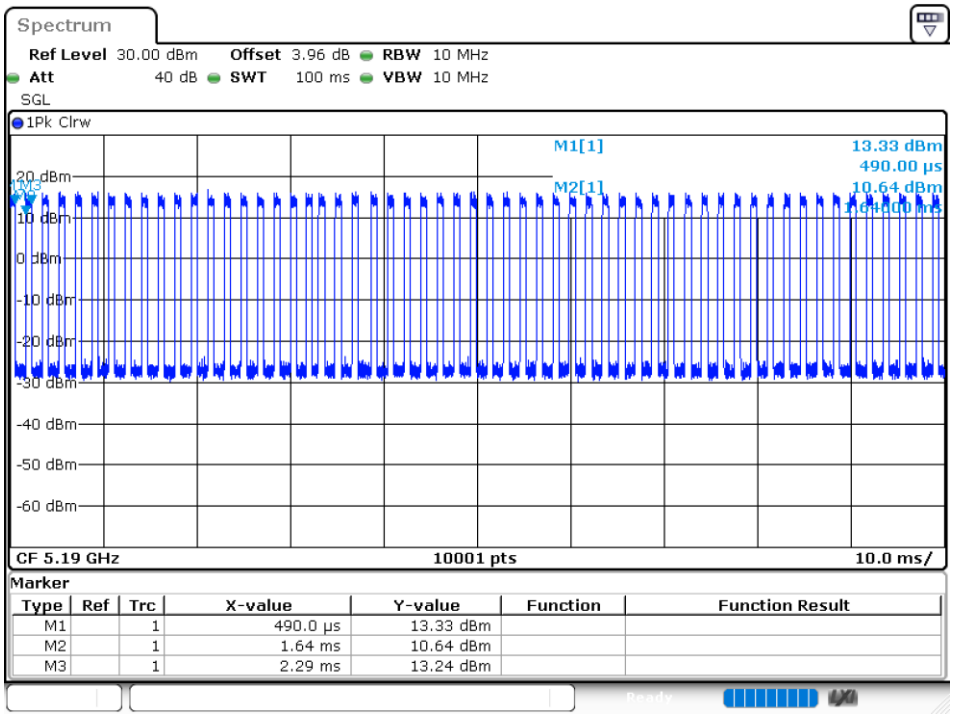
Duty Cycle NVNT ac20 5200MHz Ant2



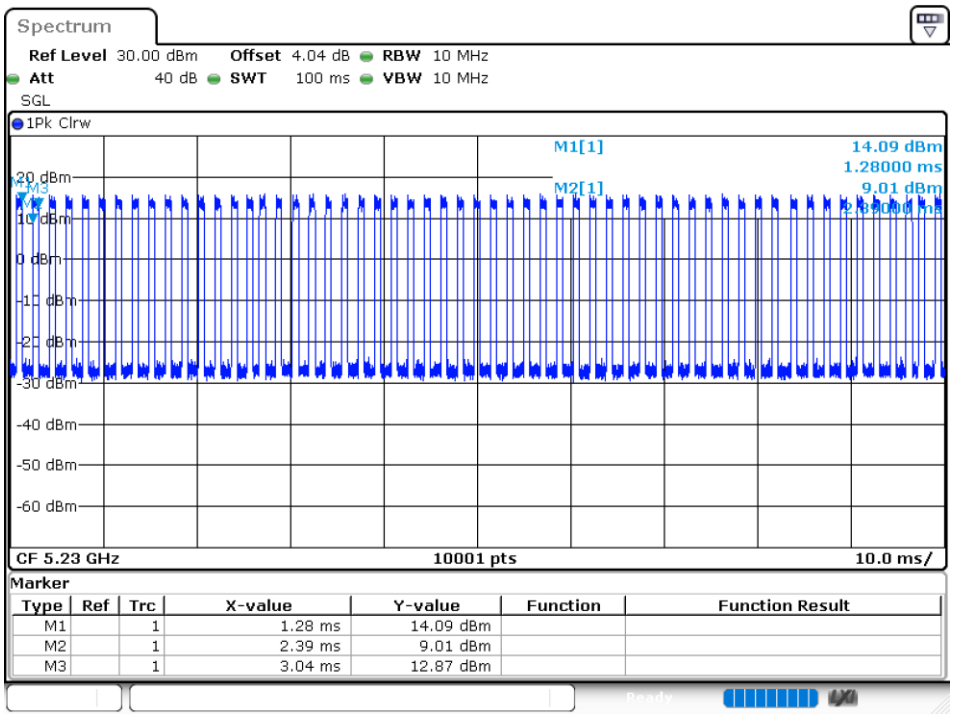
Duty Cycle NVNT ac20 5240MHz Ant2



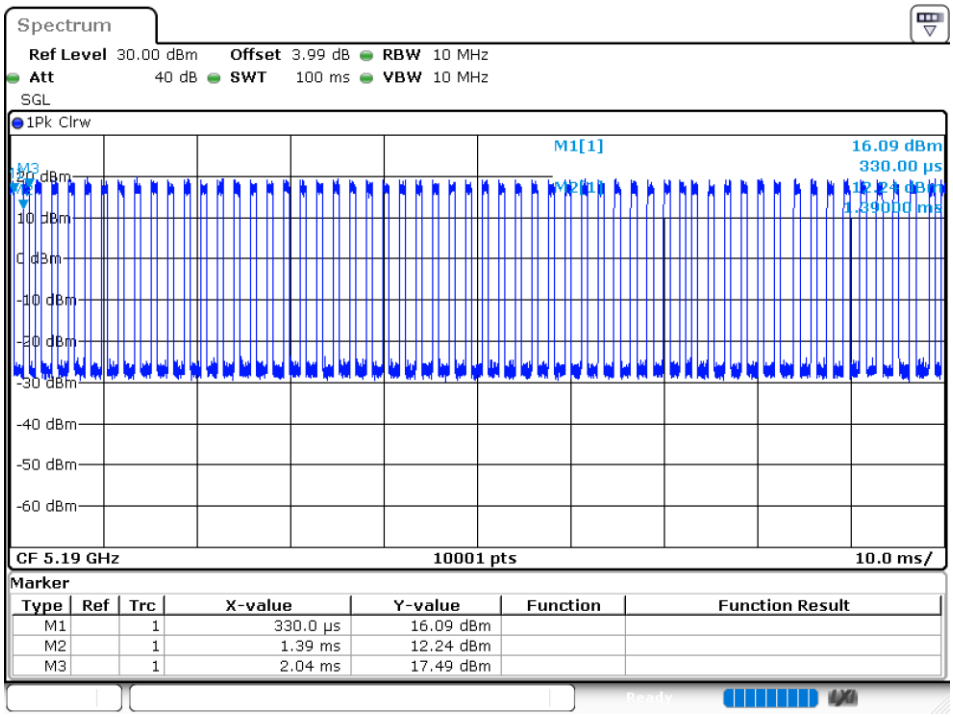
Duty Cycle NVNT ac40 5190MHz Ant1



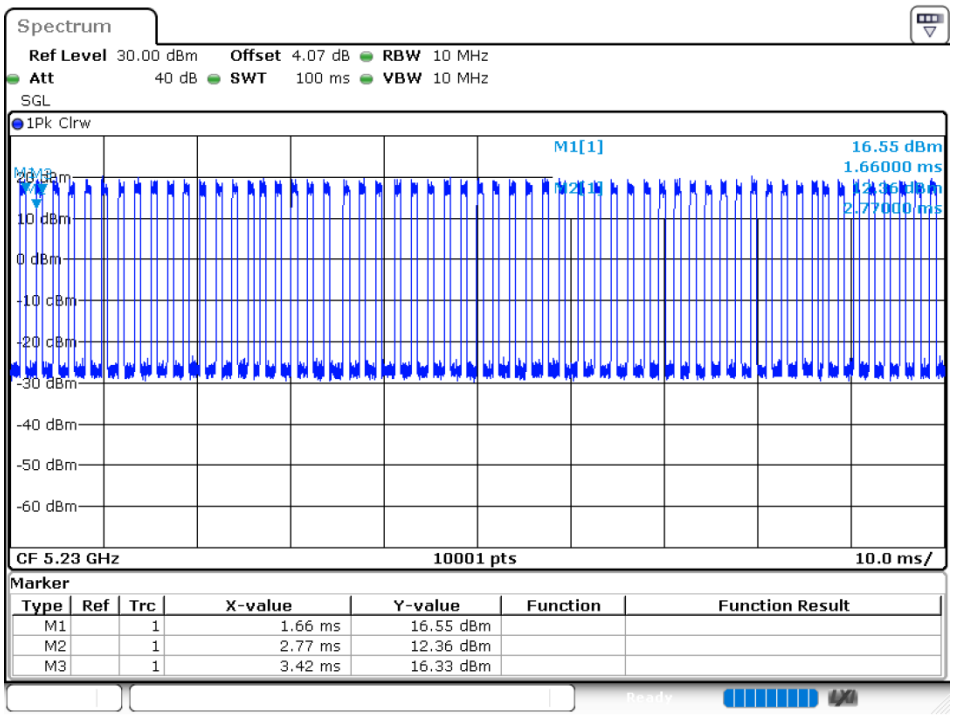
Duty Cycle NVNT ac40 5230MHz Ant1



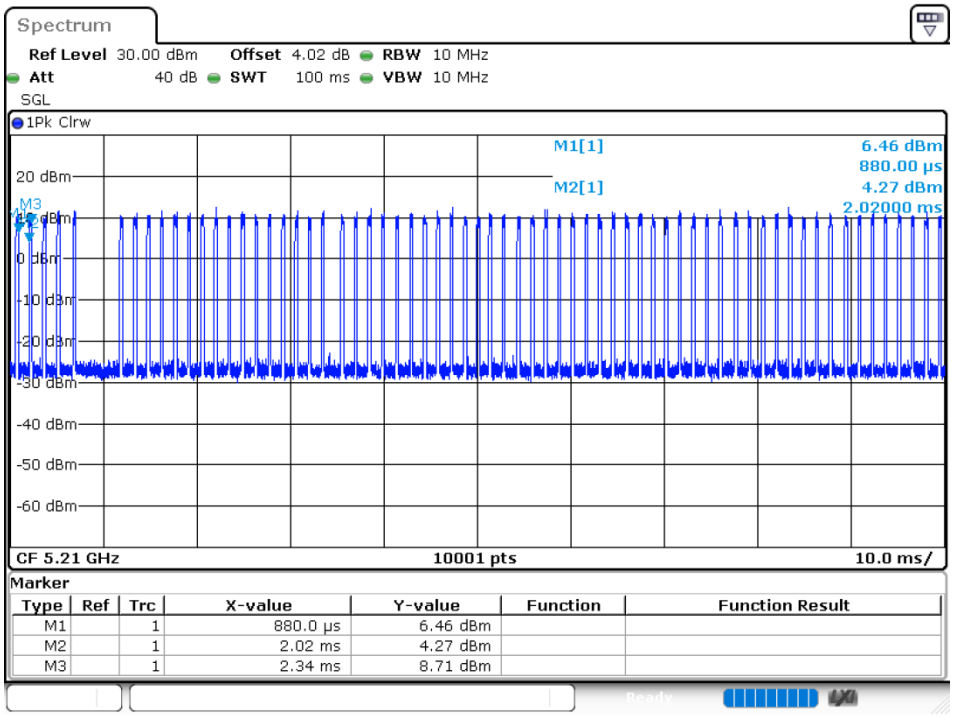
Duty Cycle NVNT ac40 5190MHz Ant2



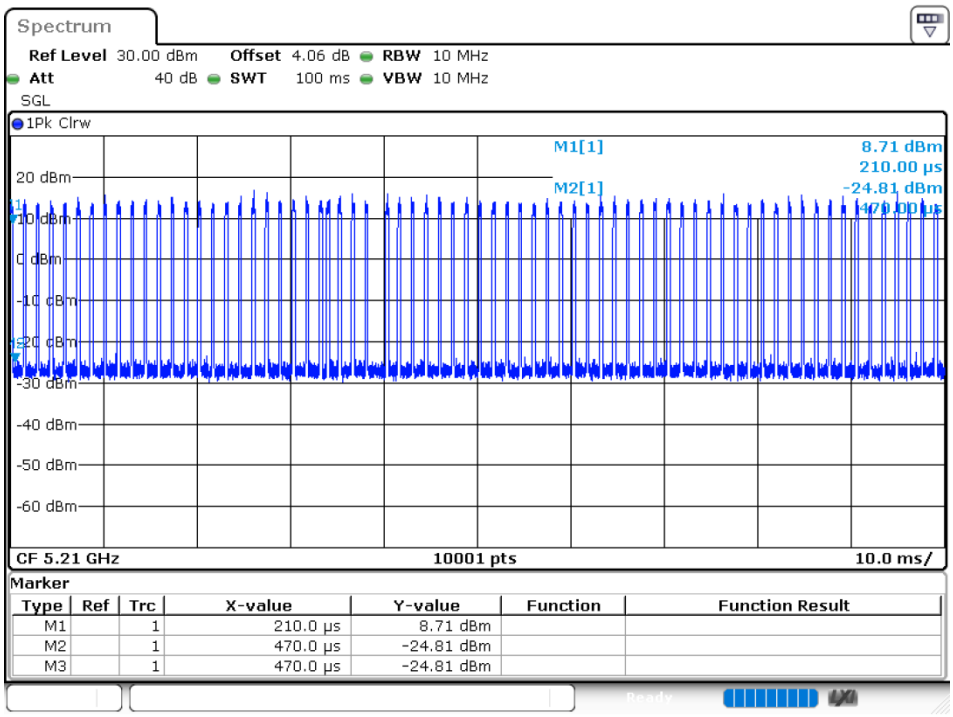
Duty Cycle NVNT ac40 5230MHz Ant2



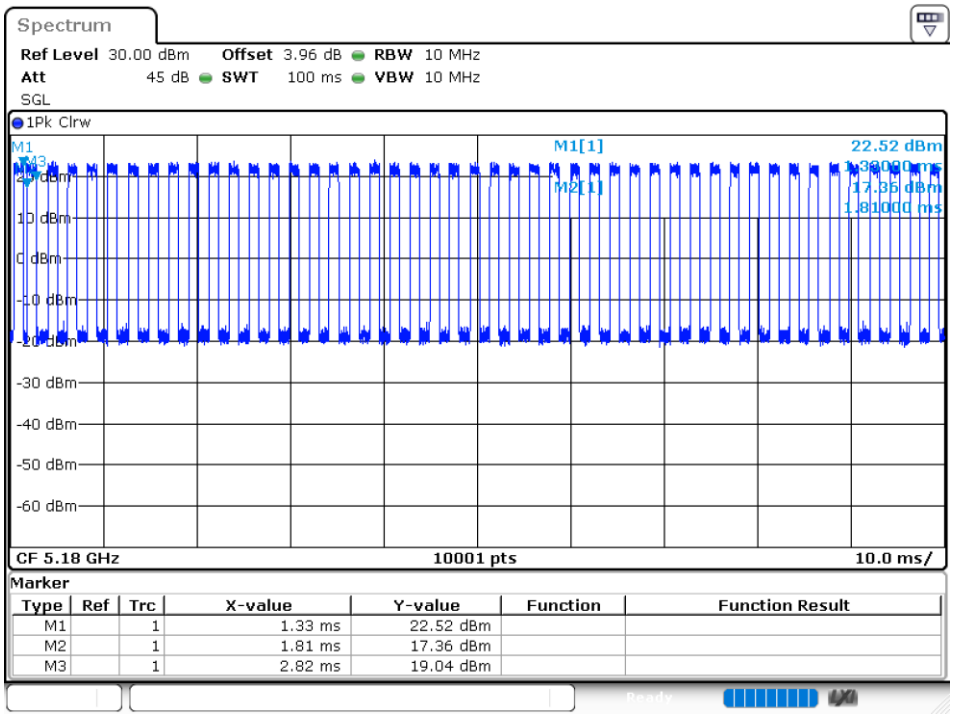
Duty Cycle NVNT ac80 5210MHz Ant1



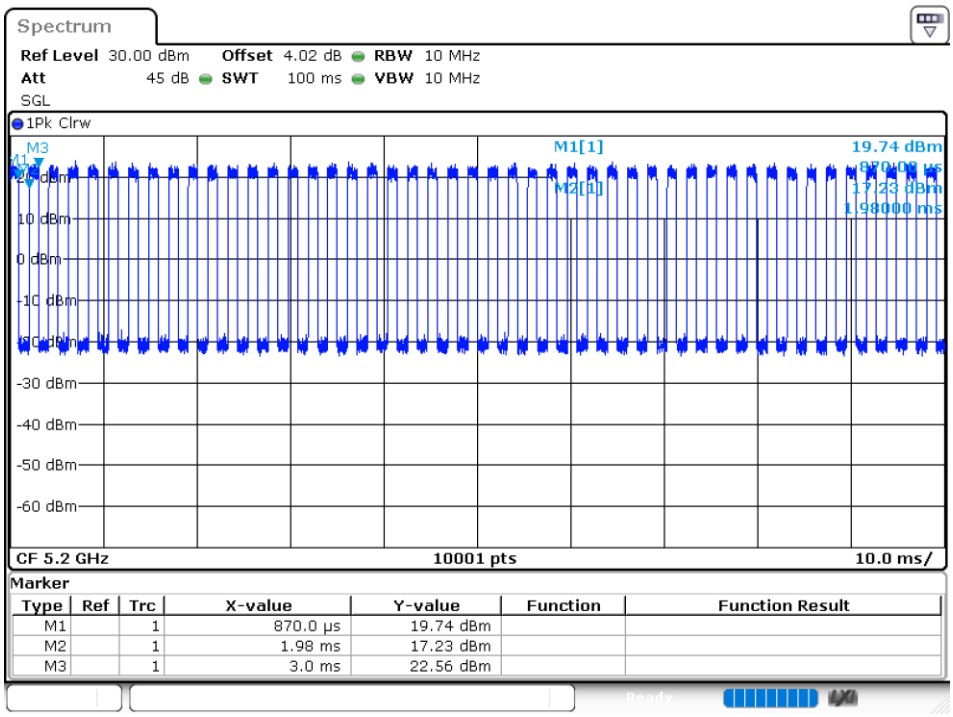
Duty Cycle NVNT ac80 5210MHz Ant2



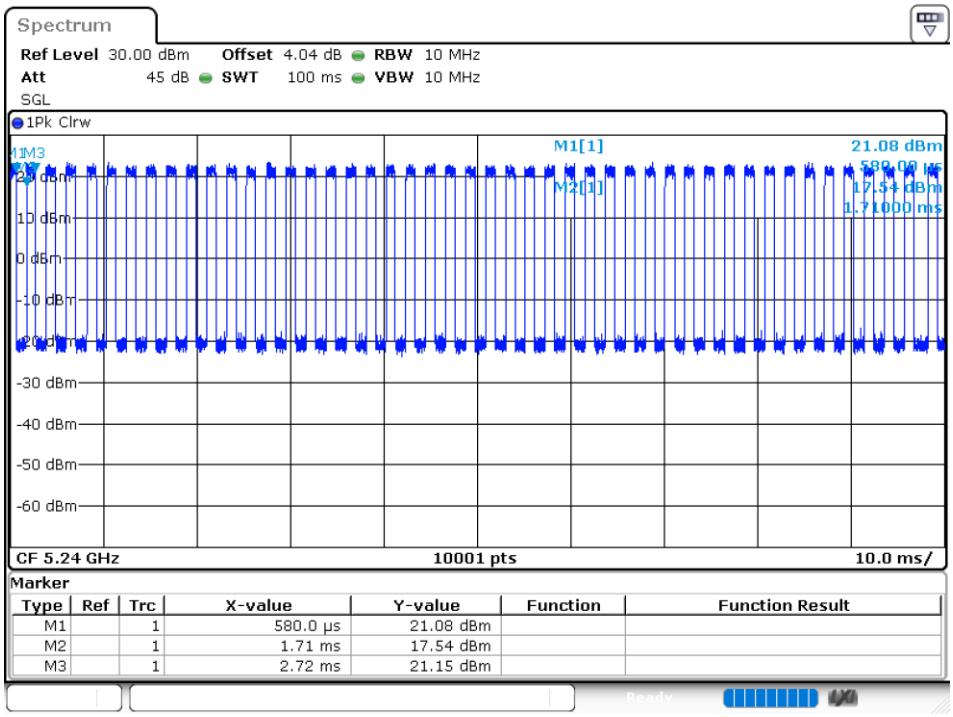
Duty Cycle NVNT ax20 5180MHz Ant1



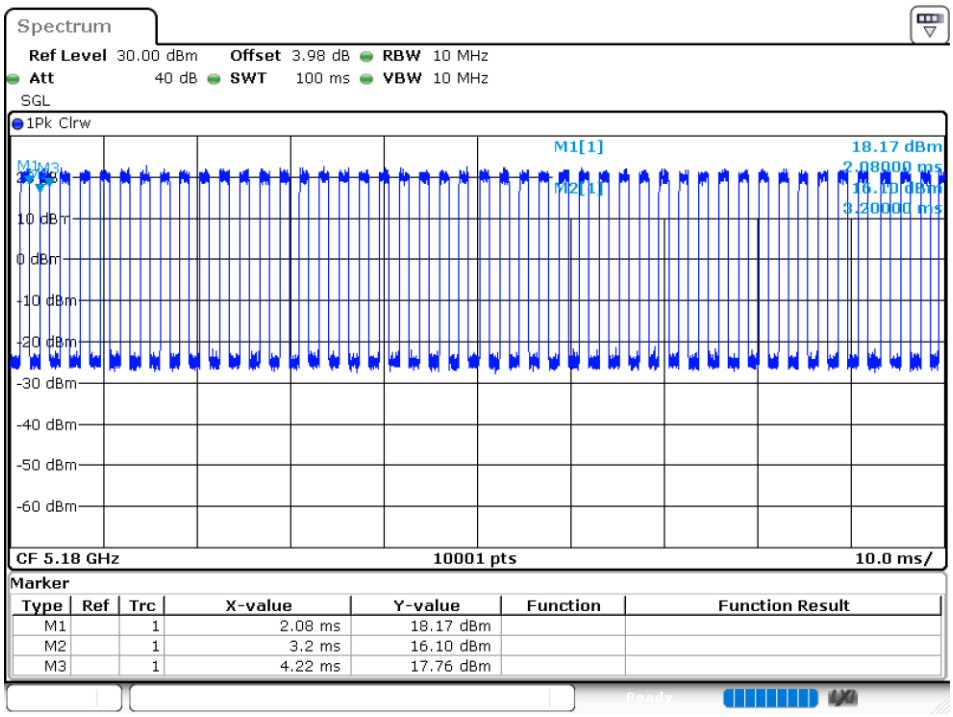
Duty Cycle NVNT ax20 5200MHz Ant1



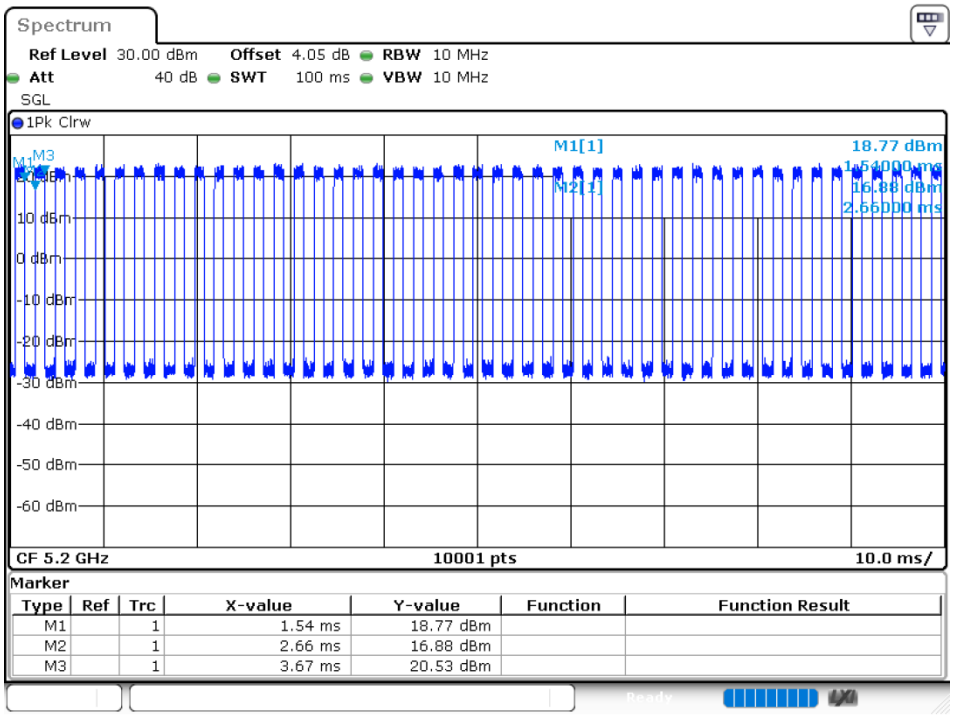
Duty Cycle NVNT ax20 5240MHz Ant1



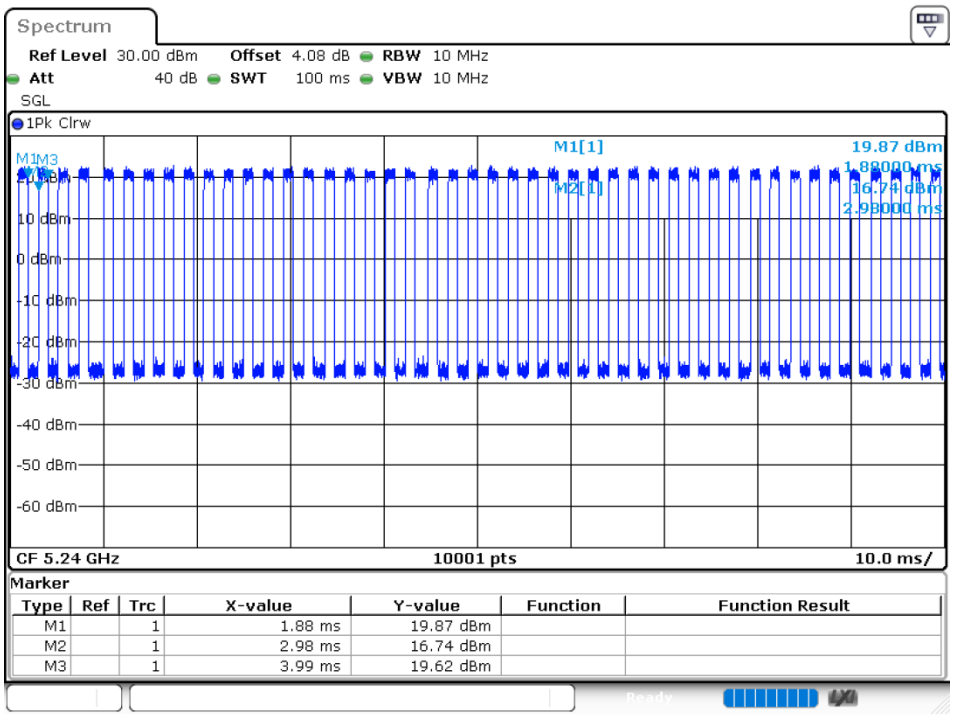
Duty Cycle NVNT ax20 5180MHz Ant2



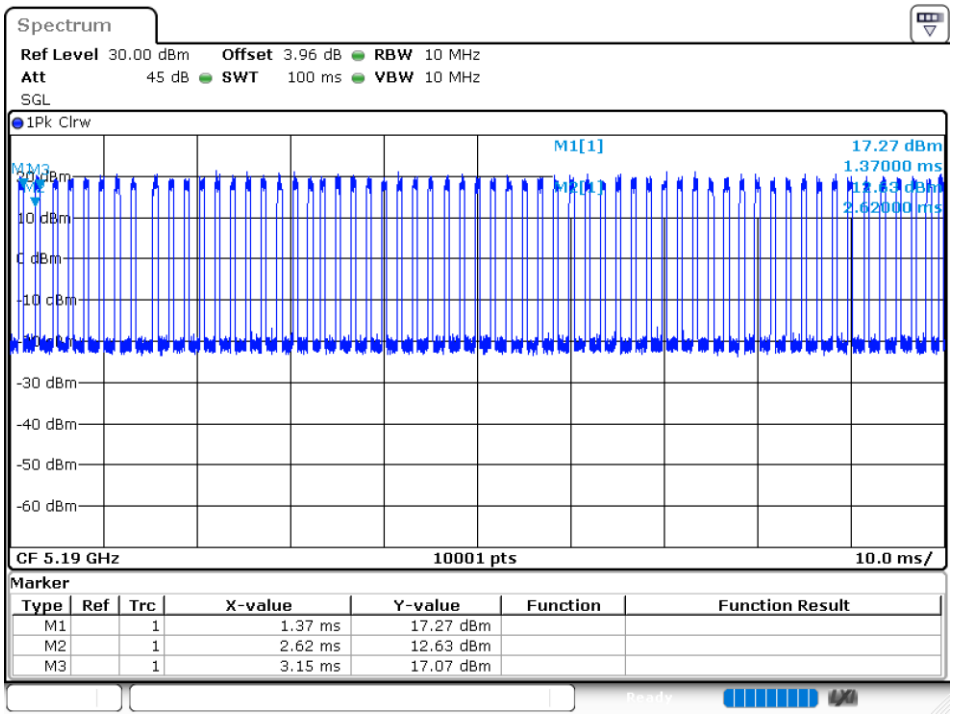
Duty Cycle NVNT ax20 5200MHz Ant2



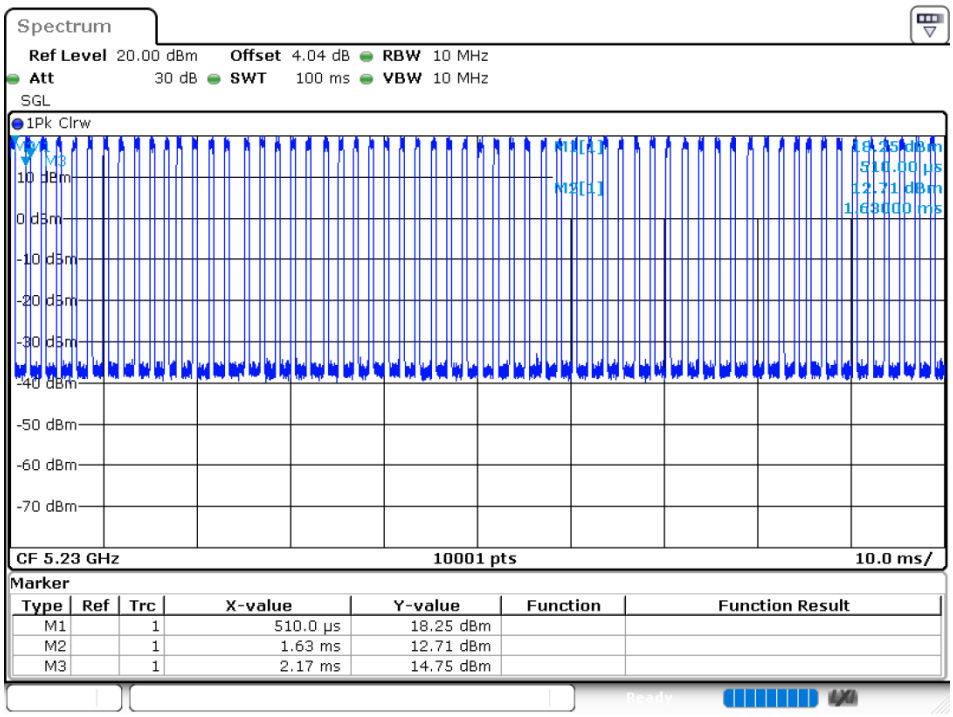
Duty Cycle NVNT ax20 5240MHz Ant2



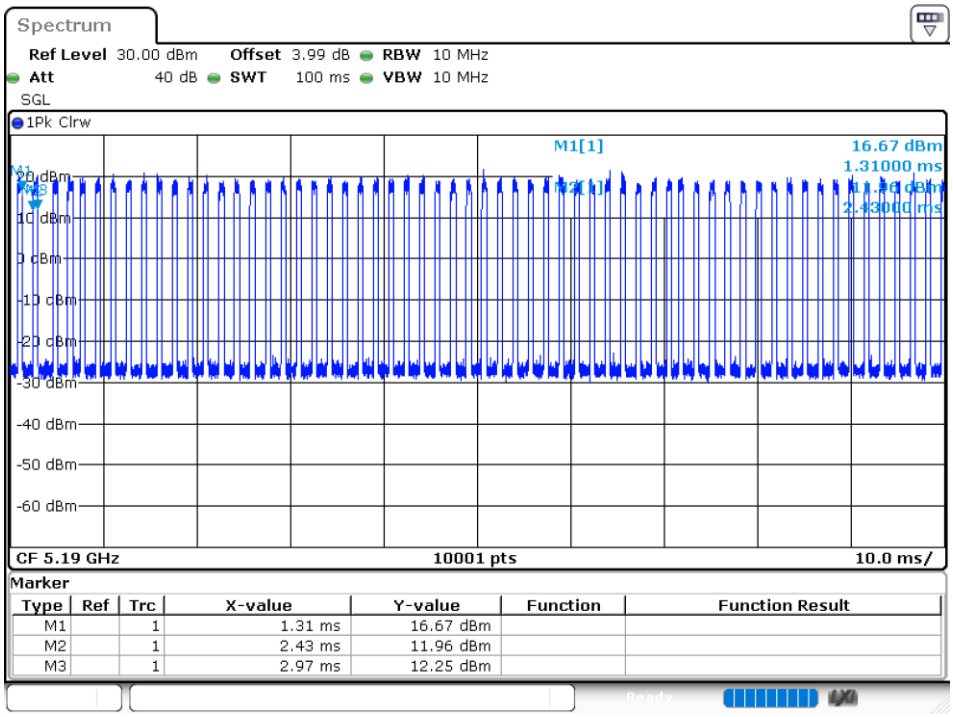
Duty Cycle NVNT ax40 5190MHz Ant1



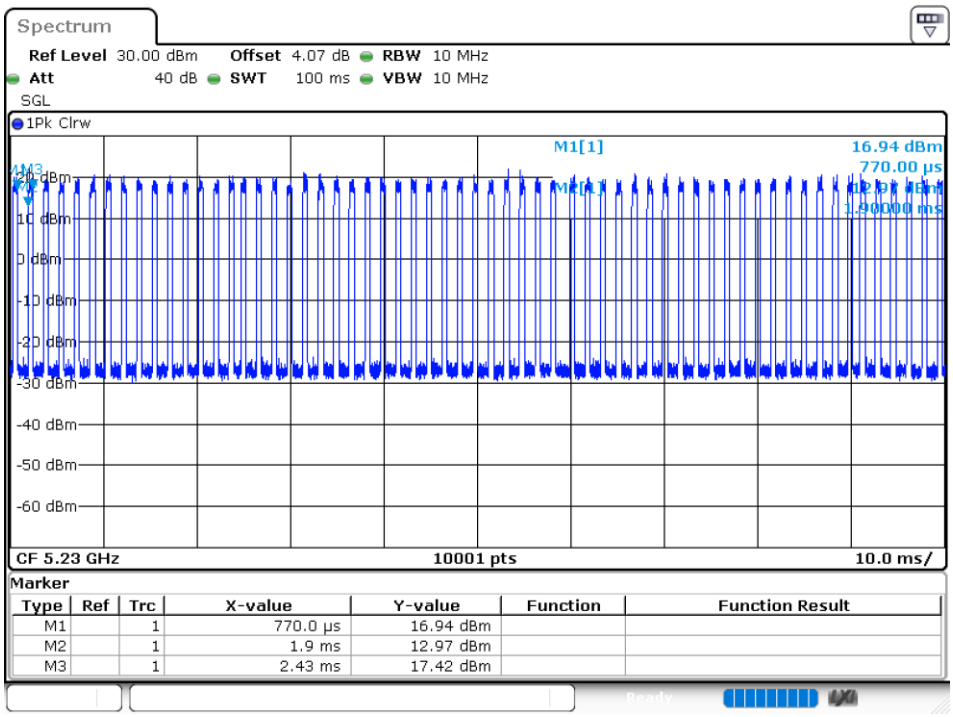
Duty Cycle NVNT ax40 5230MHz Ant1



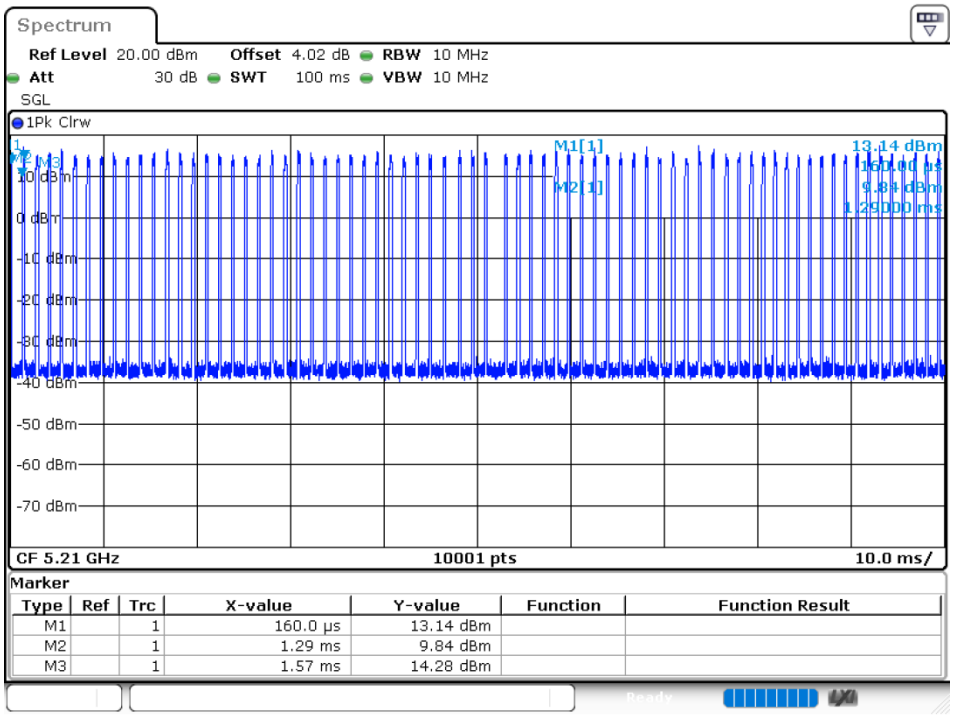
Duty Cycle NVNT ax40 5190MHz Ant2



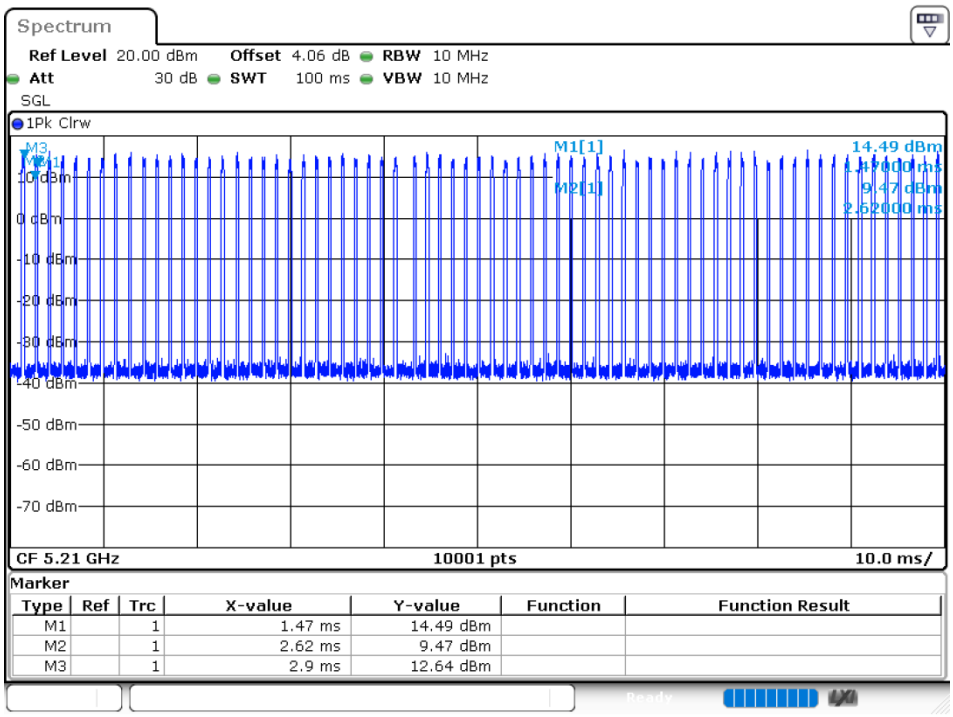
Duty Cycle NVNT ax40 5230MHz Ant2



Duty Cycle NVNT ax80 5210MHz Ant1



Duty Cycle NVNT ax80 5210MHz Ant2



Maximum Conducted Output Power

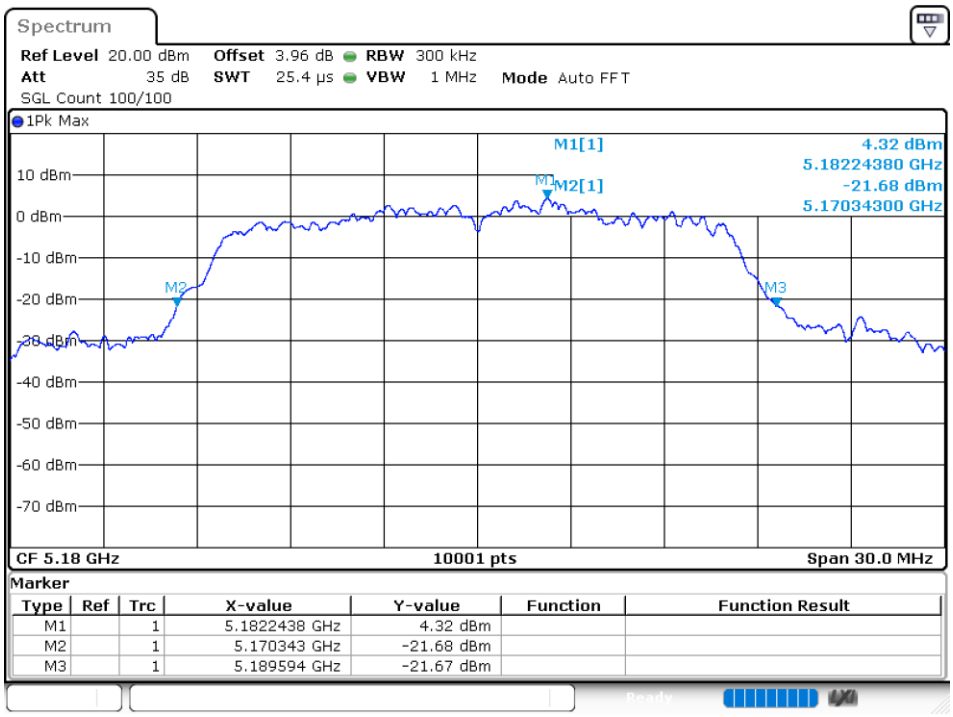
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.81	24	Pass
NVNT	a	5200	Ant1	12.73	24	Pass
NVNT	a	5240	Ant1	12.39	24	Pass
NVNT	a	5180	Ant2	13.77	24	Pass
NVNT	a	5200	Ant2	13.87	24	Pass
NVNT	a	5240	Ant2	13.78	24	Pass
NVNT	n20	5180	Ant1	12.65	24	Pass
NVNT	n20	5200	Ant1	12.88	24	Pass
NVNT	n20	5240	Ant1	12.13	24	Pass
NVNT	n20	5180	Ant2	13.67	24	Pass
NVNT	n20	5200	Ant2	13.74	24	Pass
NVNT	n20	5240	Ant2	13.68	24	Pass
NVNT	n40	5190	Ant1	11.74	24	Pass
NVNT	n40	5230	Ant1	11.67	24	Pass
NVNT	n40	5190	Ant2	13.93	24	Pass
NVNT	n40	5230	Ant2	13.96	24	Pass
NVNT	ac20	5180	Ant1	12.85	24	Pass
NVNT	ac20	5200	Ant1	12.69	24	Pass
NVNT	ac20	5240	Ant1	12.36	24	Pass
NVNT	ac20	5180	Ant2	13.72	24	Pass
NVNT	ac20	5200	Ant2	13.7	24	Pass
NVNT	ac20	5240	Ant2	13.62	24	Pass
NVNT	ac40	5190	Ant1	11.82	24	Pass
NVNT	ac40	5230	Ant1	11.68	24	Pass
NVNT	ac40	5190	Ant2	13.99	24	Pass
NVNT	ac40	5230	Ant2	13.91	24	Pass
NVNT	ac80	5210	Ant1	10.44	24	Pass
NVNT	ac80	5210	Ant2	12.64	24	Pass
NVNT	ax20	5180	Ant1	12.93	24	Pass
NVNT	ax20	5200	Ant1	12.99	24	Pass
NVNT	ax20	5240	Ant1	12.81	24	Pass
NVNT	ax20	5180	Ant2	13.04	24	Pass
NVNT	ax20	5200	Ant2	13.08	24	Pass
NVNT	ax20	5240	Ant2	13	24	Pass
NVNT	ax40	5190	Ant1	12.24	24	Pass
NVNT	ax40	5230	Ant1	11.7	24	Pass
NVNT	ax40	5190	Ant2	12.84	24	Pass
NVNT	ax40	5230	Ant2	13.17	24	Pass
NVNT	ax80	5210	Ant1	11.02	24	Pass
NVNT	ax80	5210	Ant2	12.74	24	Pass

-26dB Bandwidth

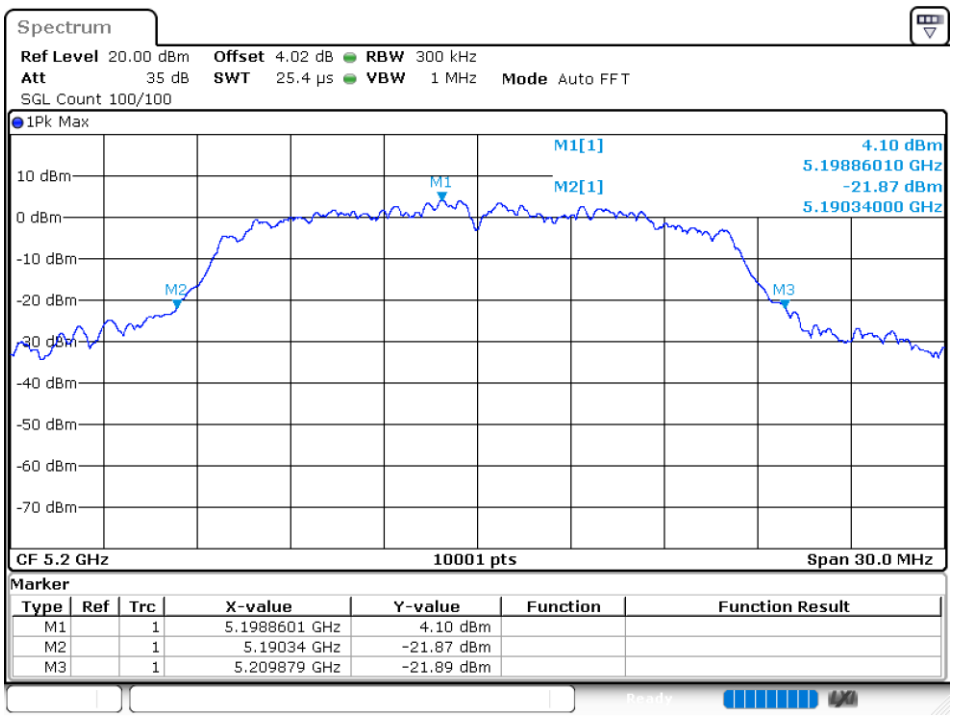
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.251	Pass
NVNT	a	5200	Ant1	19.539	Pass
NVNT	a	5240	Ant1	19.497	Pass
NVNT	a	5180	Ant2	19.683	Pass
NVNT	a	5200	Ant2	19.386	Pass
NVNT	a	5240	Ant2	20.037	Pass
NVNT	n20	5180	Ant1	20.487	Pass
NVNT	n20	5200	Ant1	19.932	Pass
NVNT	n20	5240	Ant1	20.205	Pass
NVNT	n20	5180	Ant2	21.51	Pass
NVNT	n20	5200	Ant2	21.381	Pass
NVNT	n20	5240	Ant2	22.623	Pass
NVNT	n40	5190	Ant1	45.366	Pass
NVNT	n40	5230	Ant1	50.676	Pass
NVNT	n40	5190	Ant2	57.402	Pass
NVNT	n40	5230	Ant2	54.174	Pass
NVNT	ac20	5180	Ant1	19.641	Pass
NVNT	ac20	5200	Ant1	19.977	Pass
NVNT	ac20	5240	Ant1	23.709	Pass
NVNT	ac20	5180	Ant2	21.933	Pass
NVNT	ac20	5200	Ant2	19.659	Pass
NVNT	ac20	5240	Ant2	20.427	Pass
NVNT	ac40	5190	Ant1	40.806	Pass
NVNT	ac40	5230	Ant1	40.494	Pass
NVNT	ac40	5190	Ant2	44.394	Pass
NVNT	ac40	5230	Ant2	41.364	Pass
NVNT	ac80	5210	Ant1	102.588	Pass
NVNT	ac80	5210	Ant2	98.712	Pass
NVNT	ax20	5180	Ant1	19.986	Pass
NVNT	ax20	5200	Ant1	19.692	Pass
NVNT	ax20	5240	Ant1	19.764	Pass
NVNT	ax20	5180	Ant2	19.8	Pass
NVNT	ax20	5200	Ant2	19.737	Pass
NVNT	ax20	5240	Ant2	19.842	Pass
NVNT	ax40	5190	Ant1	39.624	Pass
NVNT	ax40	5230	Ant1	39.558	Pass
NVNT	ax40	5190	Ant2	39.48	Pass
NVNT	ax40	5230	Ant2	39.528	Pass
NVNT	ax80	5210	Ant1	80.256	Pass
NVNT	ax80	5210	Ant2	80.472	Pass

Test Graphs

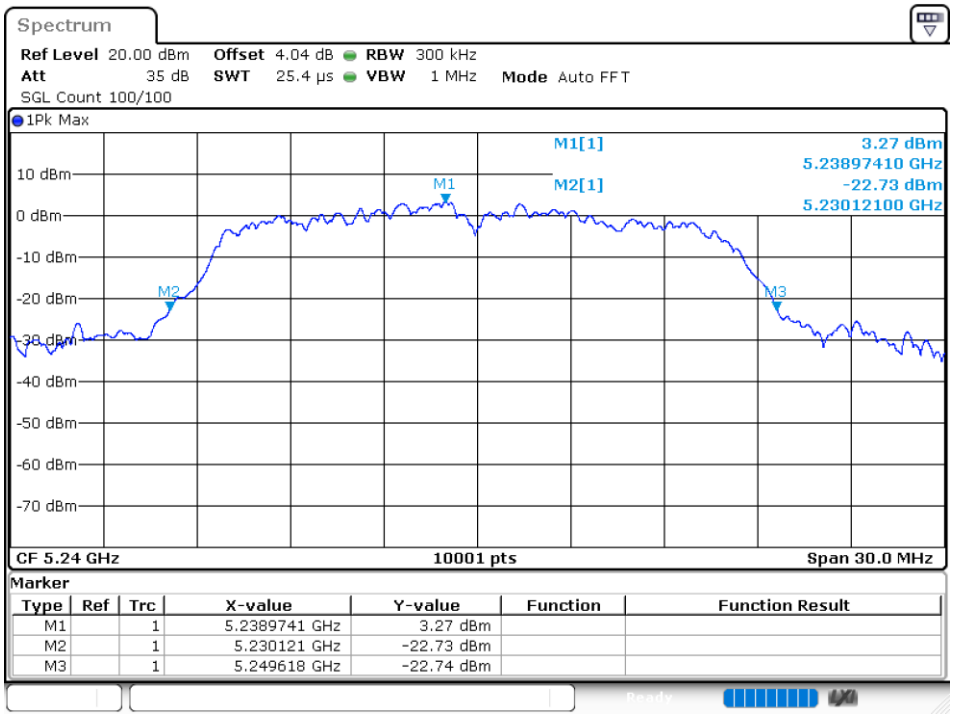
-26dB Bandwidth NVNT a 5180MHz Ant1



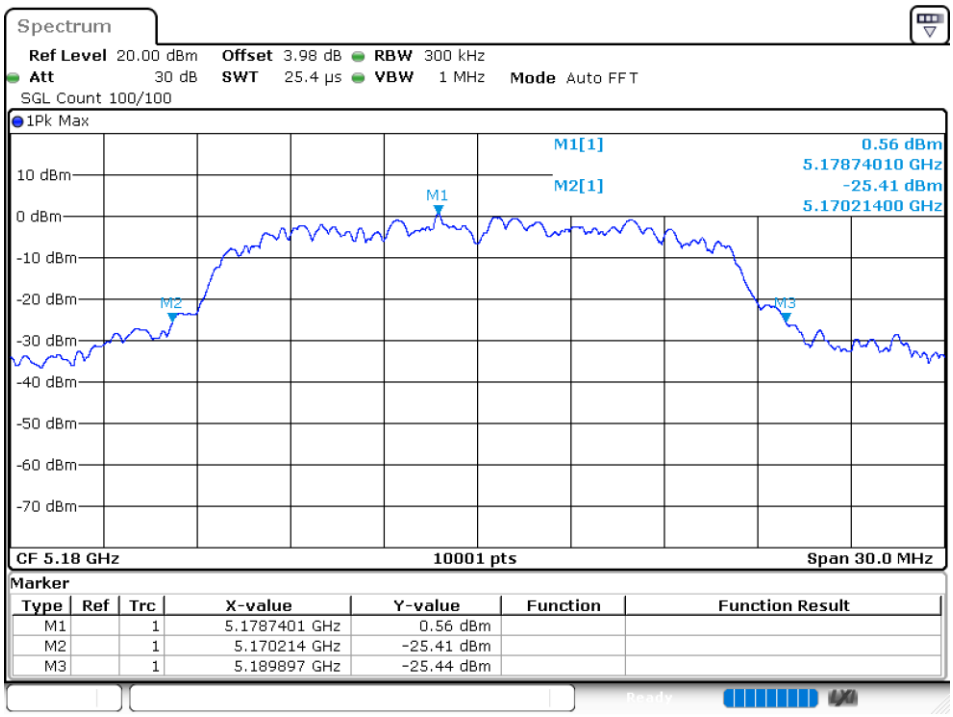
-26dB Bandwidth NVNT a 5200MHz Ant1



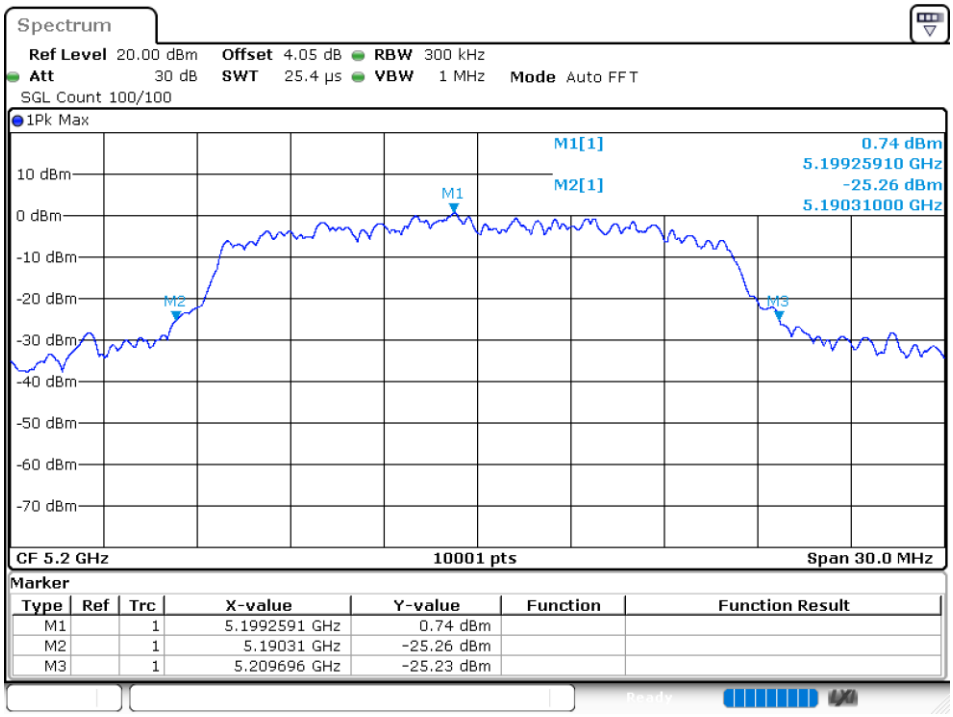
-26dB Bandwidth NVNT a 5240MHz Ant1



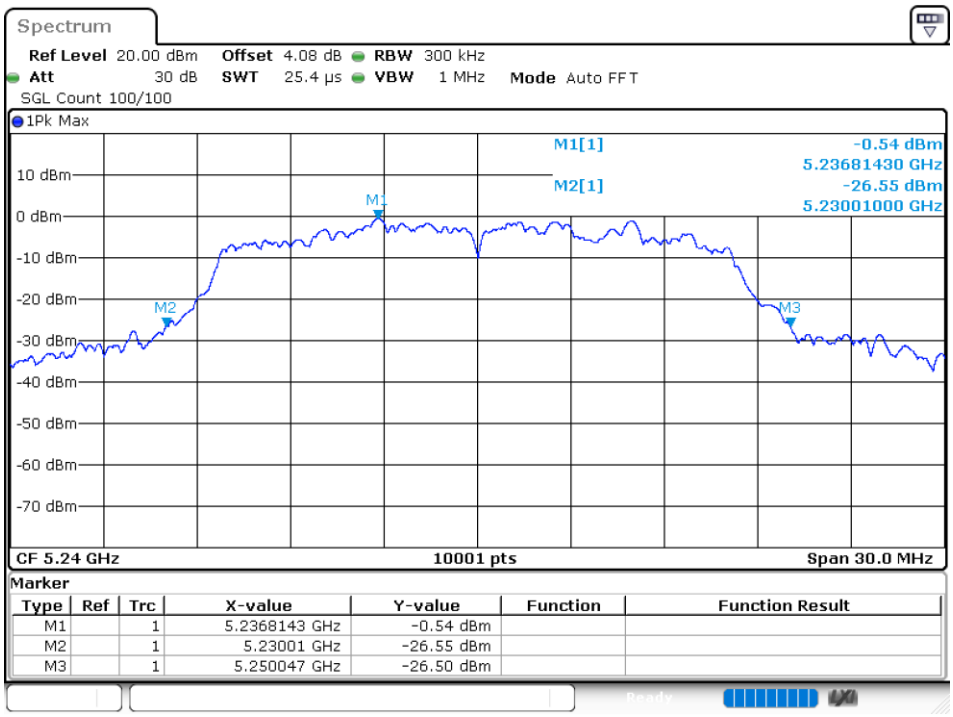
-26dB Bandwidth NVNT a 5180MHz Ant2



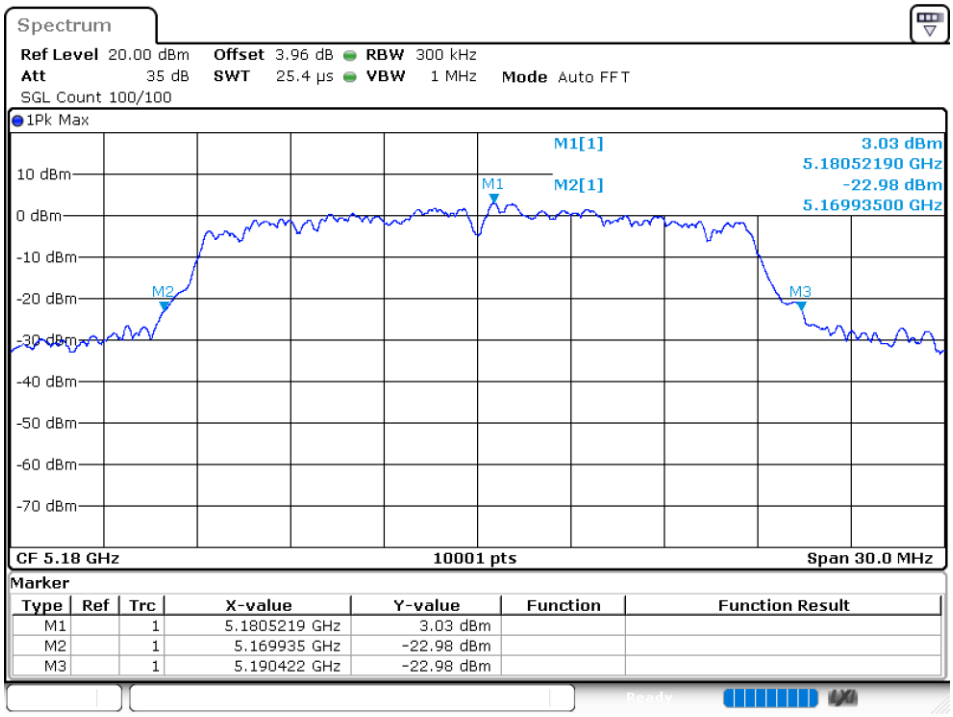
-26dB Bandwidth NVNT a 5200MHz Ant2



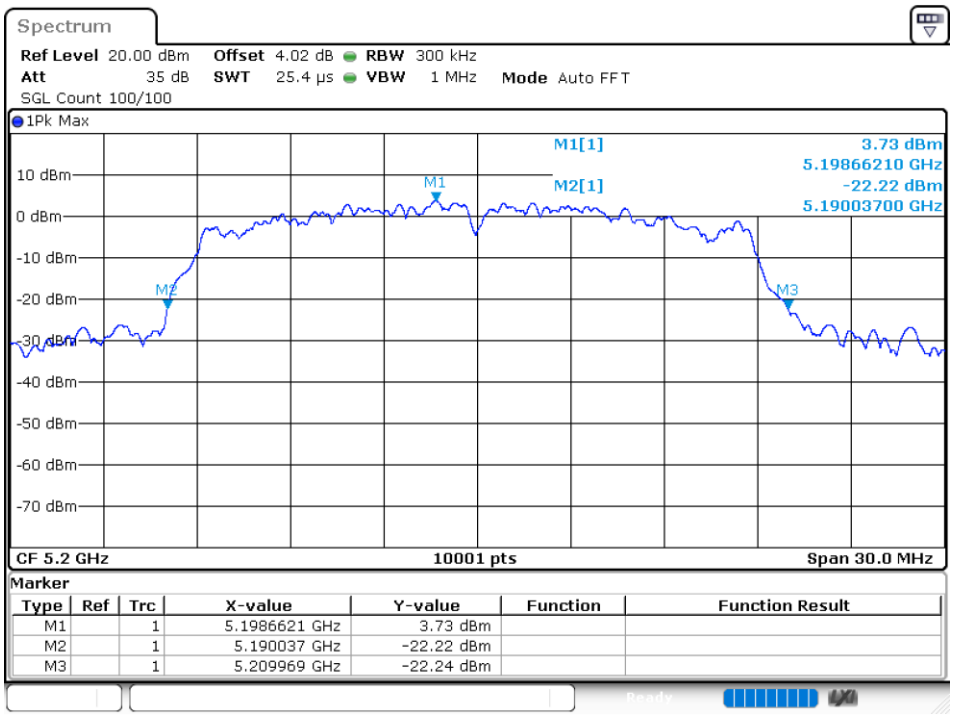
-26dB Bandwidth NVNT a 5240MHz Ant2



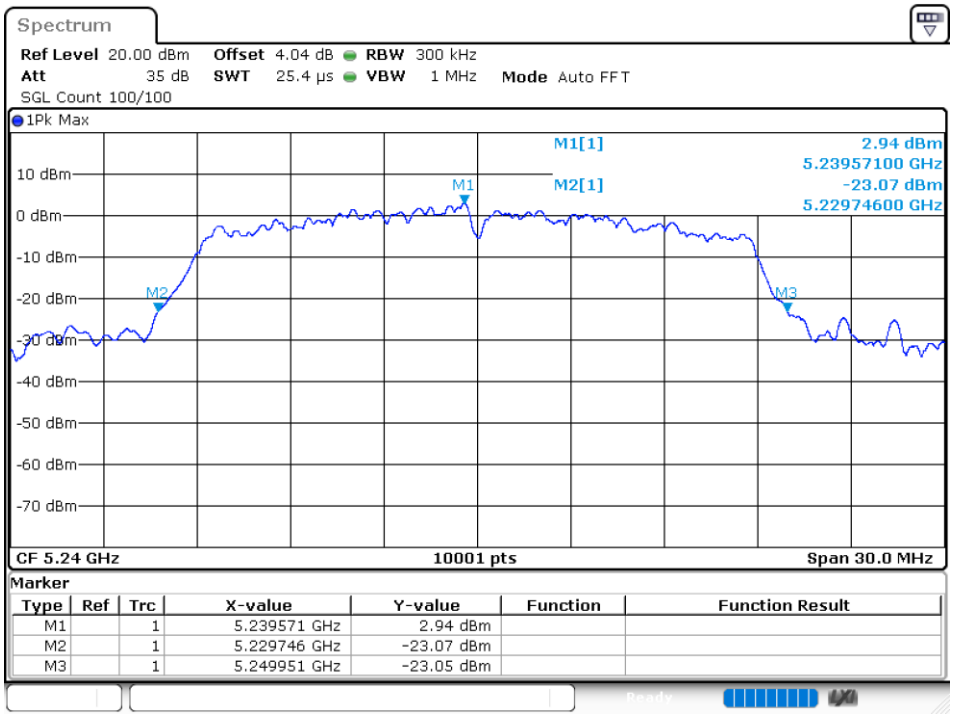
-26dB Bandwidth NVNT n20 5180MHz Ant1



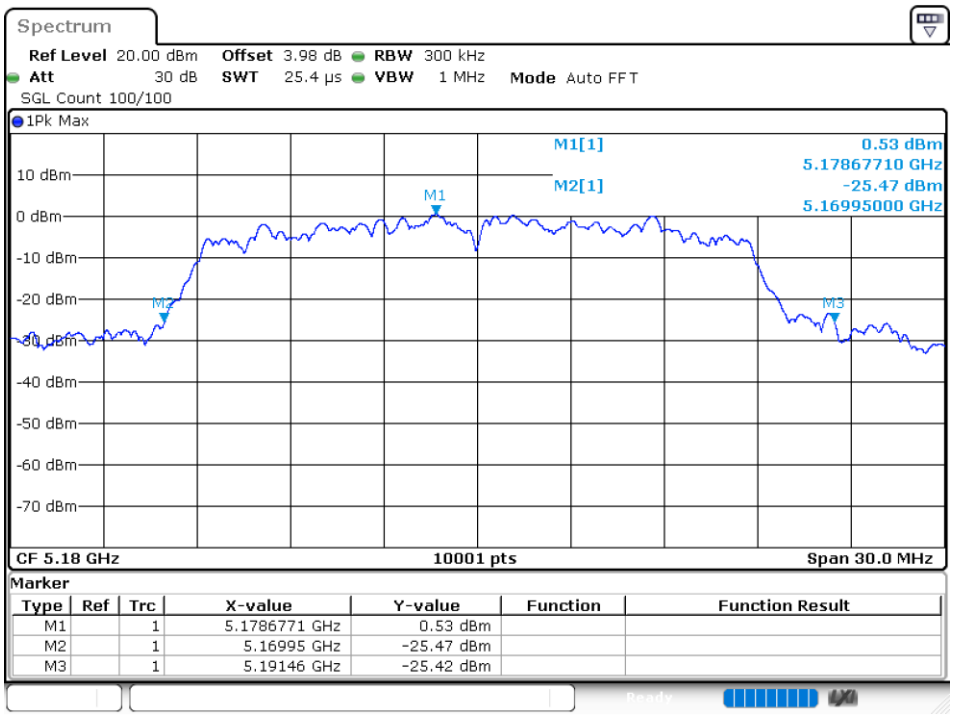
-26dB Bandwidth NVNT n20 5200MHz Ant1



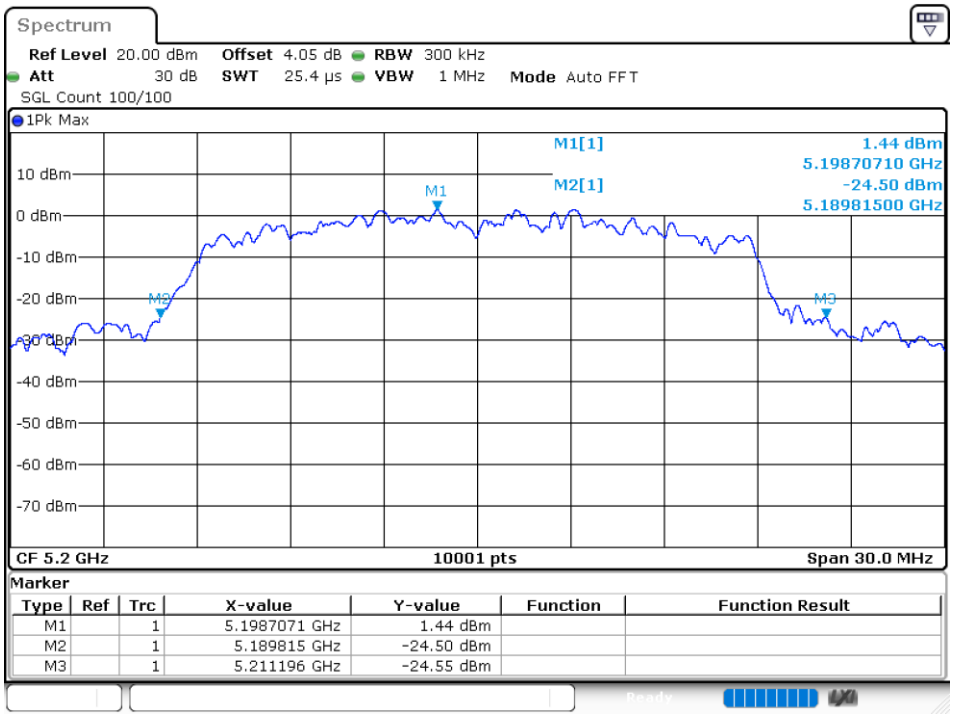
-26dB Bandwidth NVNT n20 5240MHz Ant1



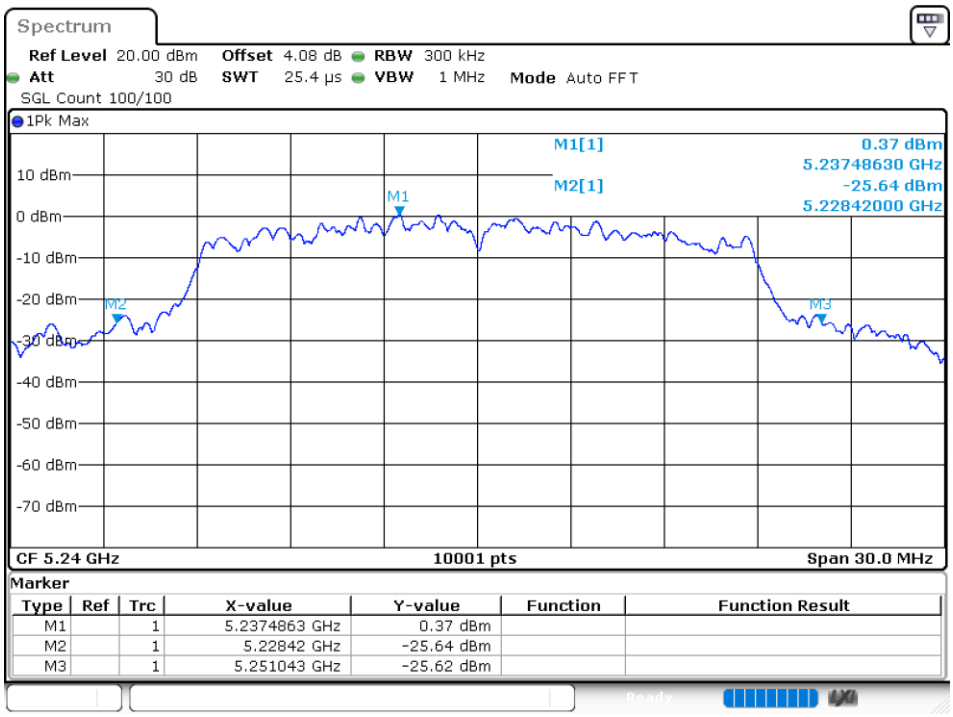
-26dB Bandwidth NVNT n20 5180MHz Ant2



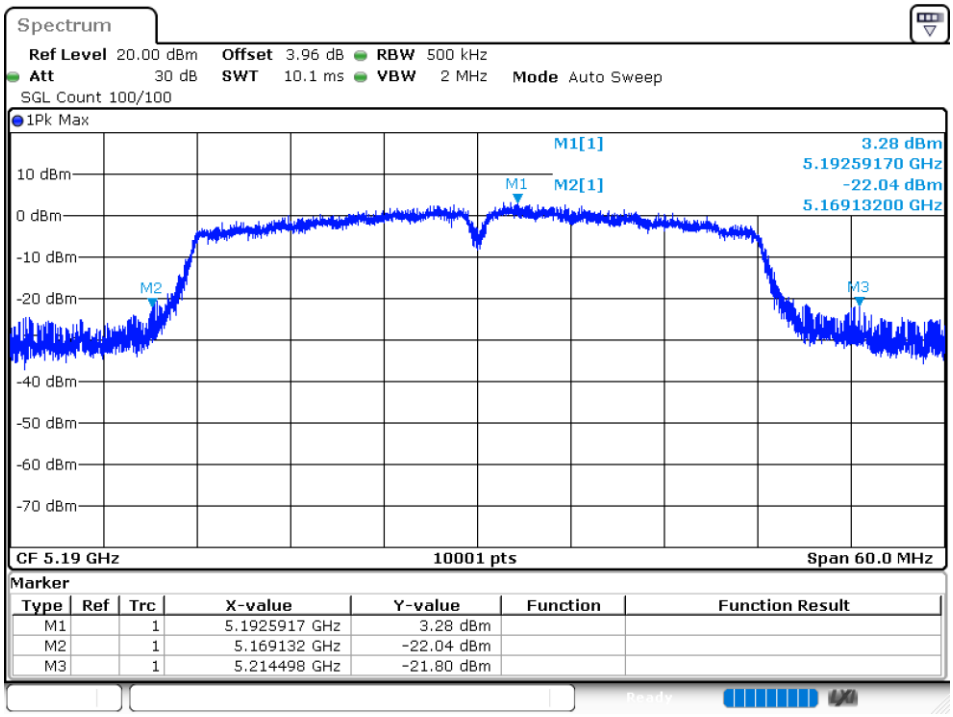
-26dB Bandwidth NVNT n20 5200MHz Ant2



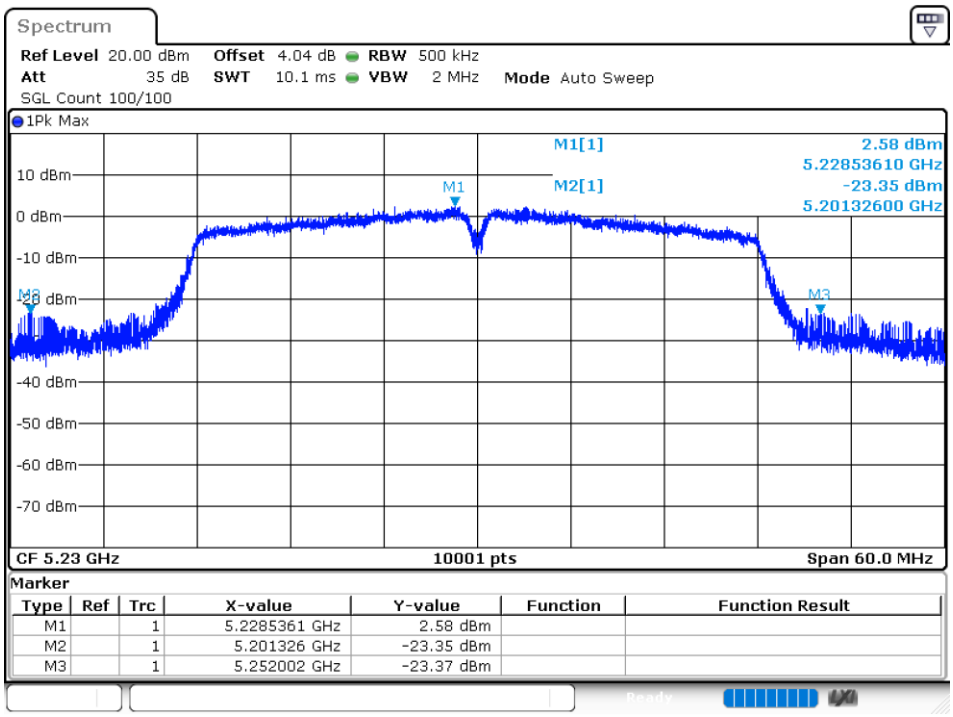
-26dB Bandwidth NVNT n20 5240MHz Ant2



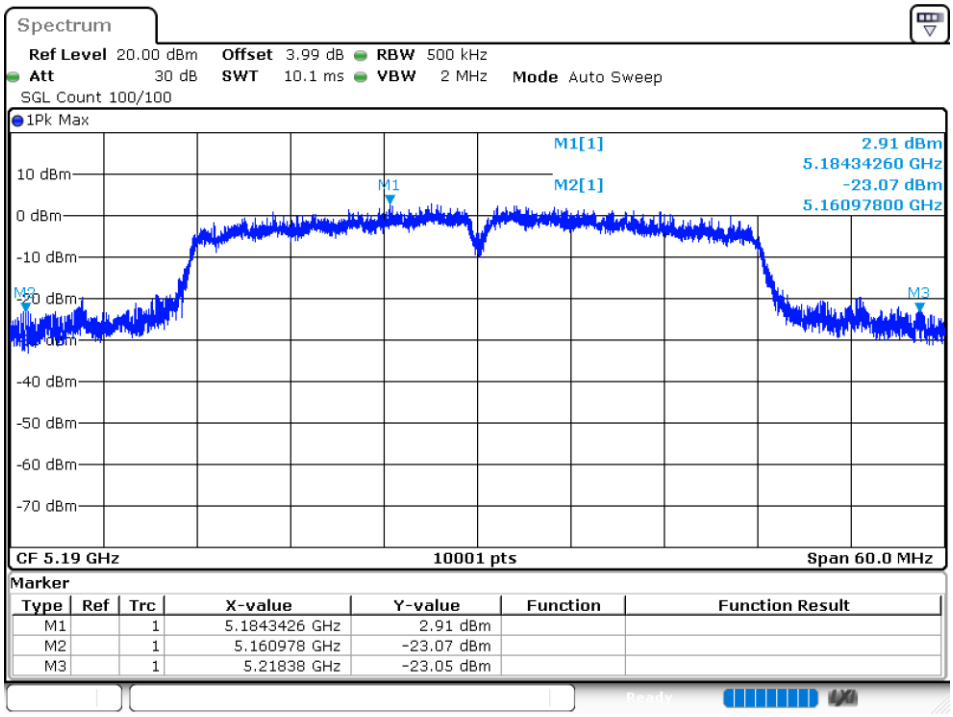
-26dB Bandwidth NVNT n40 5190MHz Ant1



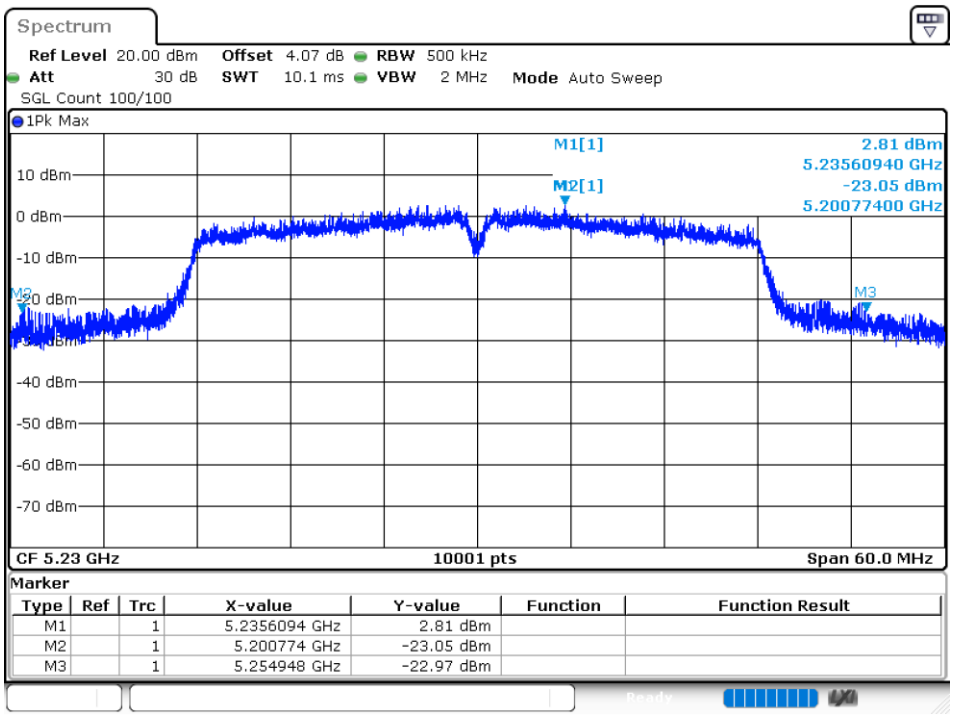
-26dB Bandwidth NVNT n40 5230MHz Ant1



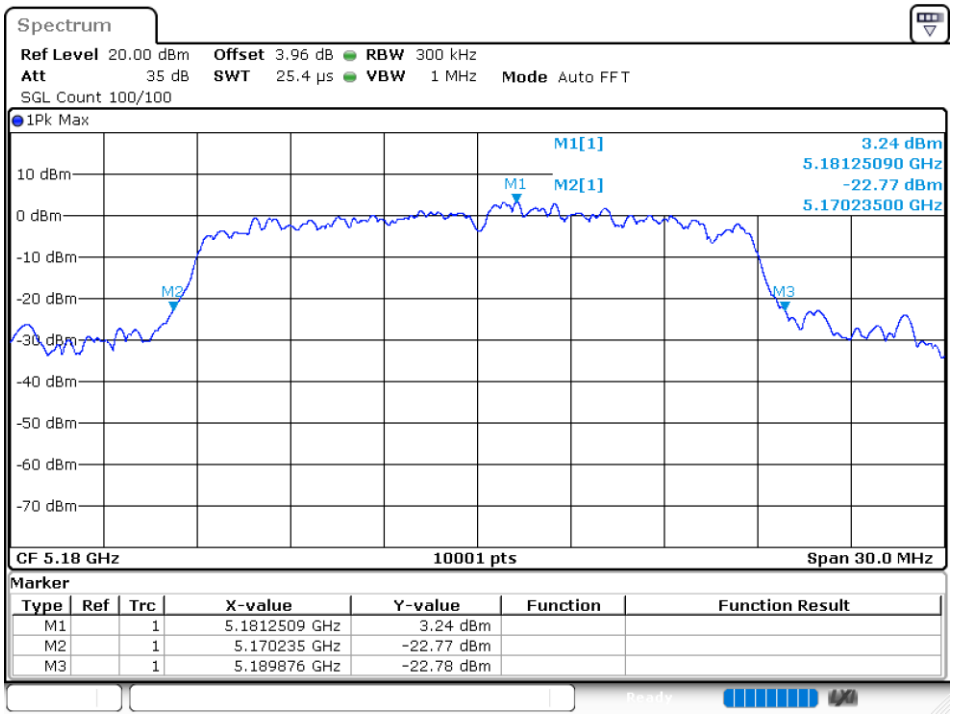
-26dB Bandwidth NVNT n40 5190MHz Ant2



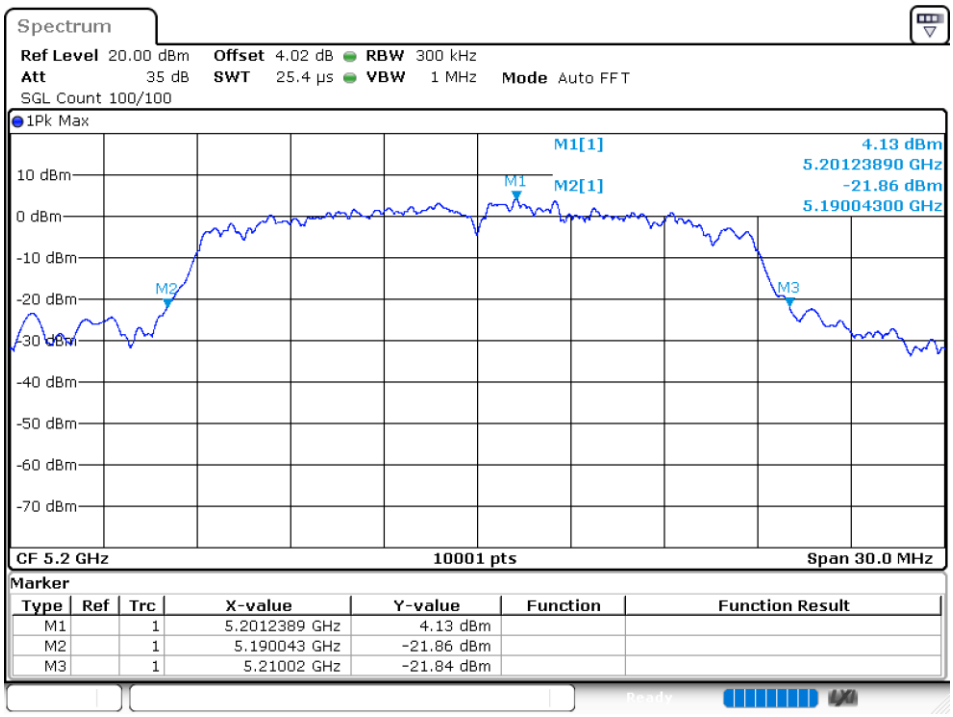
-26dB Bandwidth NVNT n40 5230MHz Ant2



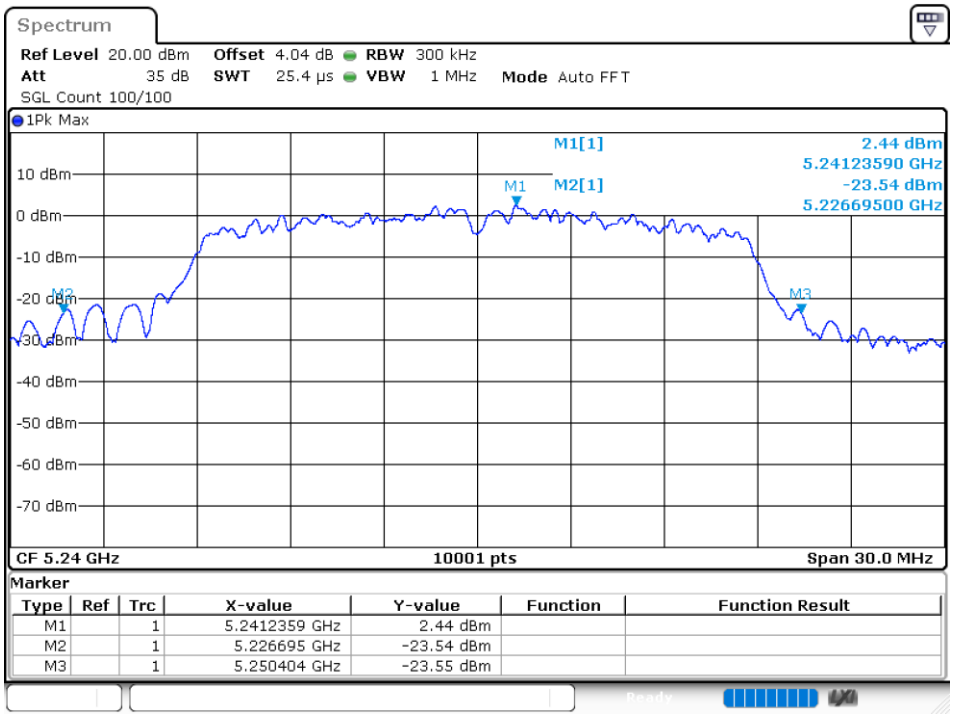
-26dB Bandwidth NVNT ac20 5180MHz Ant1



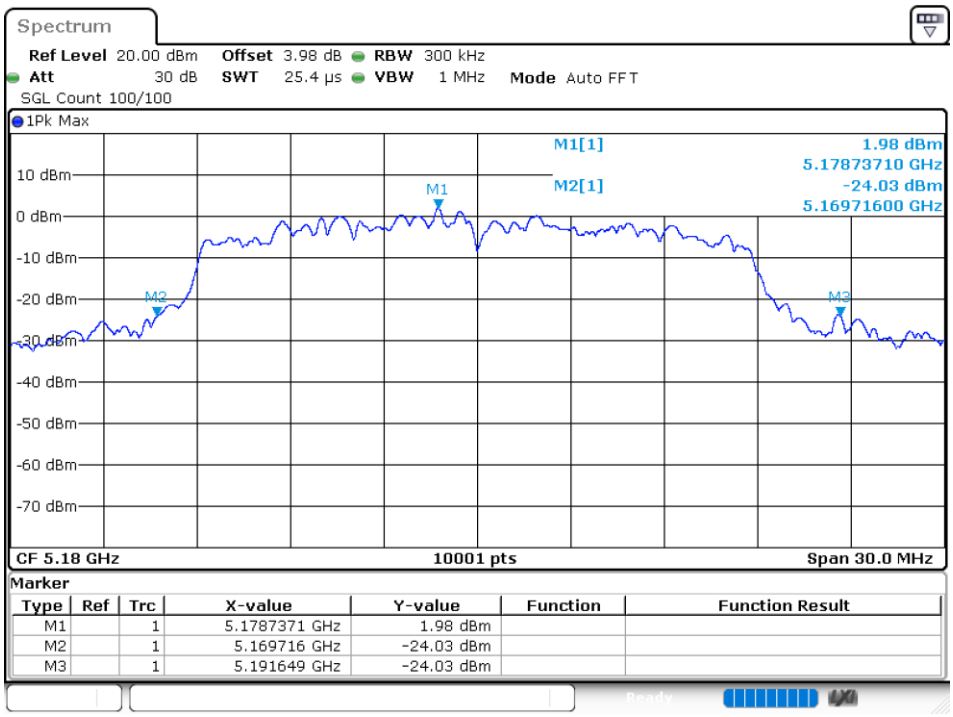
-26dB Bandwidth NVNT ac20 5200MHz Ant1



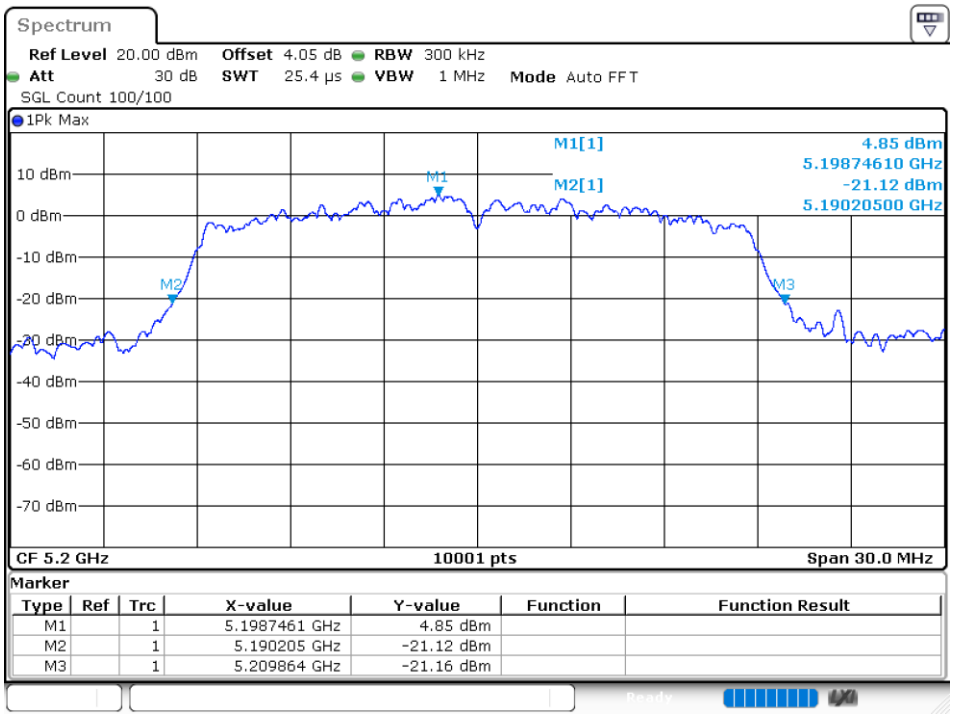
-26dB Bandwidth NVNT ac20 5240MHz Ant1



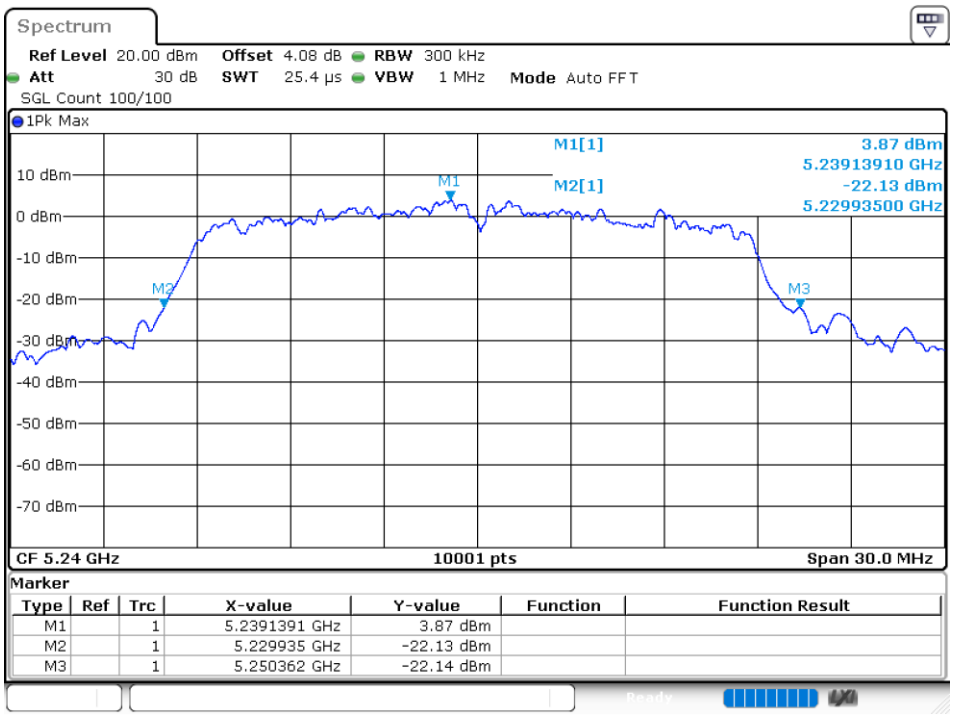
-26dB Bandwidth NVNT ac20 5180MHz Ant2



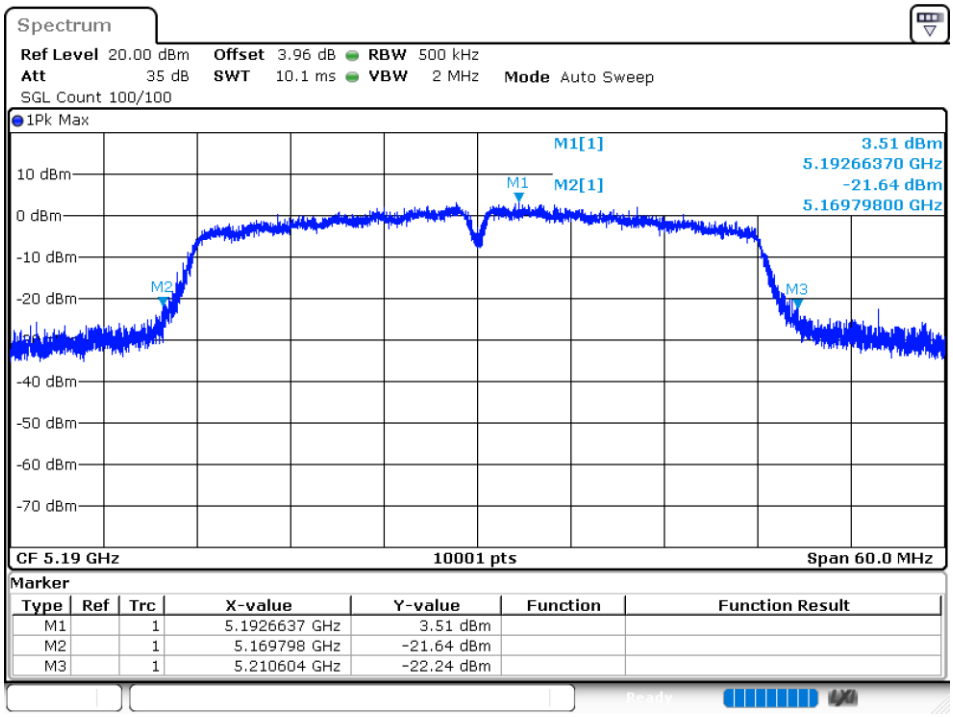
-26dB Bandwidth NVNT ac20 5200MHz Ant2



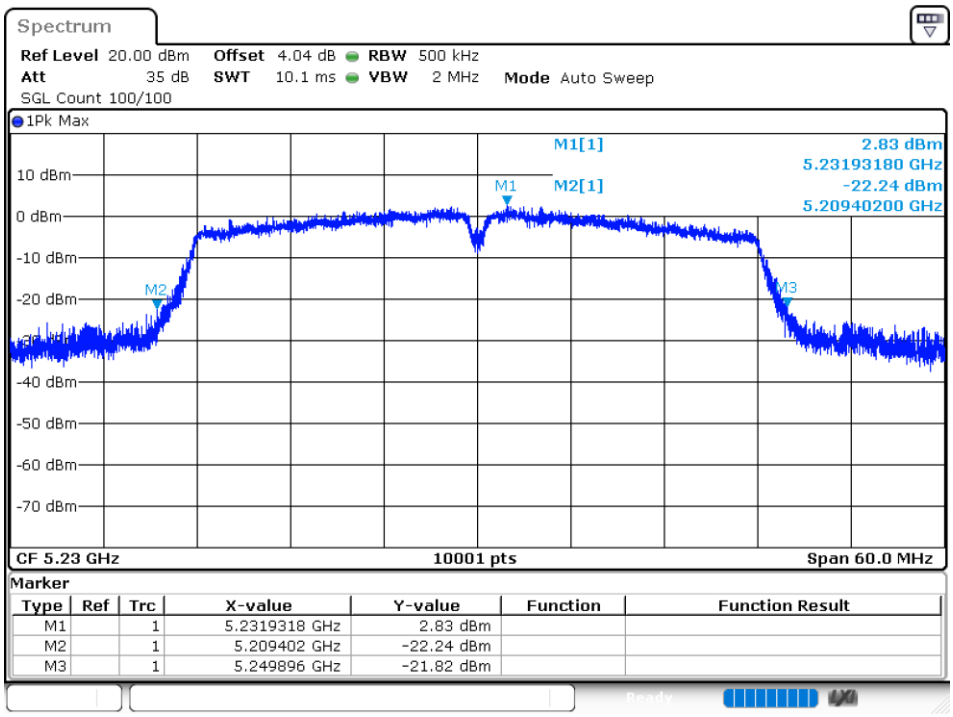
-26dB Bandwidth NVNT ac20 5240MHz Ant2



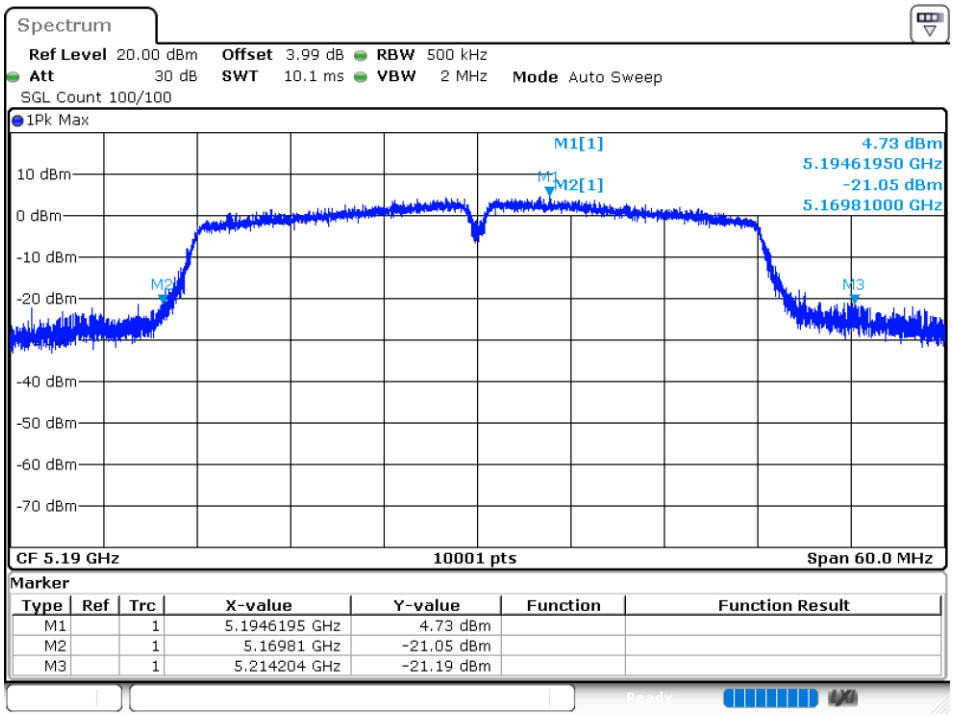
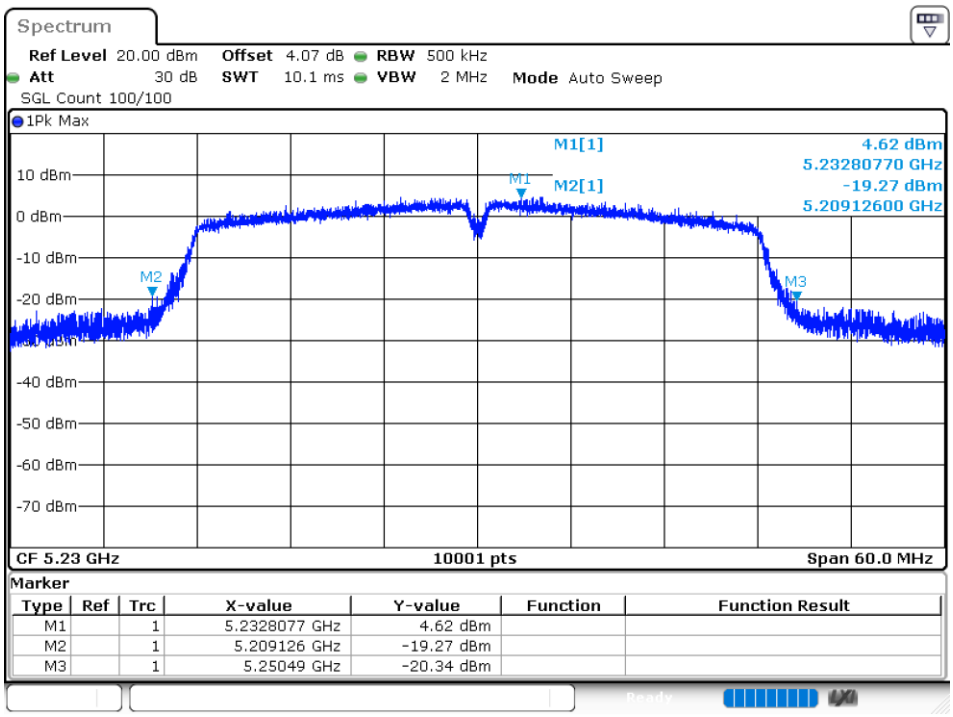
-26dB Bandwidth NVNT ac40 5190MHz Ant1



-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant2



-26dB Bandwidth NVNT ac40 5230MHz Ant2