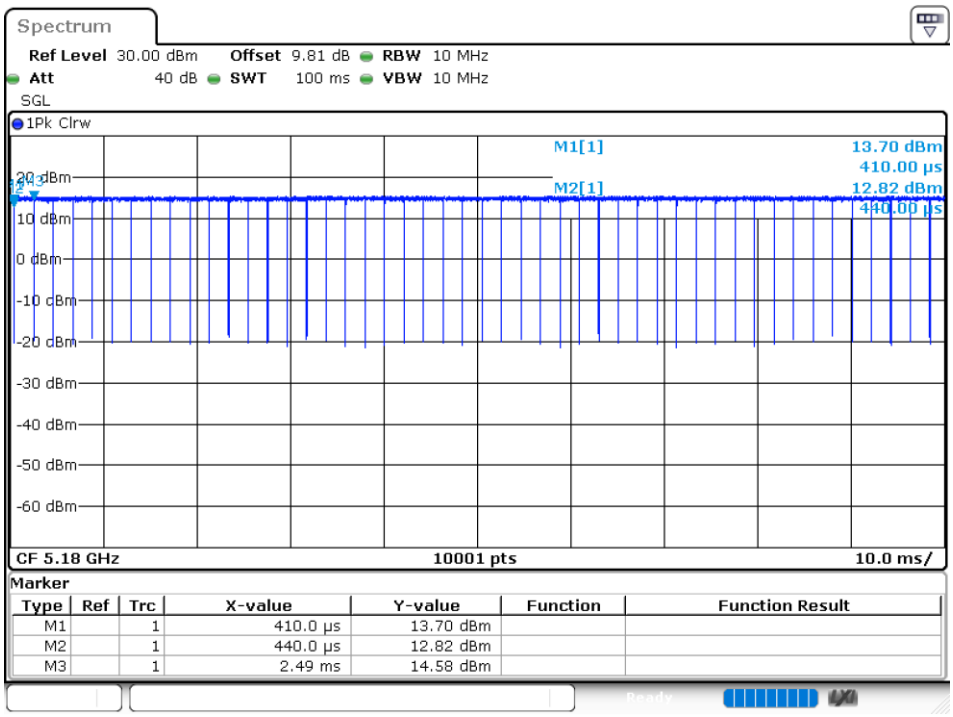
5.2G:

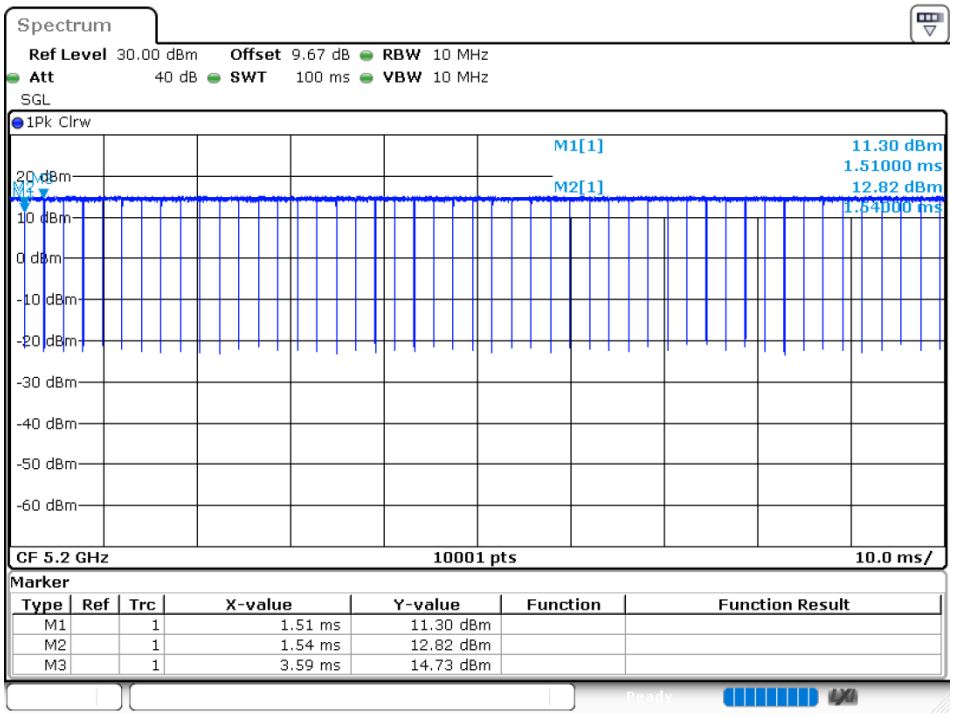
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	98.8	0.05	0.49
NVNT	a	5200	Ant1	98.67	0.06	0.49
NVNT	a	5240	Ant1	98.8	0.05	0.49
NVNT	a	5180	Ant2	80.99	0.92	0.52
NVNT	a	5200	Ant2	81.18	0.91	0.49
NVNT	a	5240	Ant2	80.34	0.95	0.49
NVNT	n20	5180	Ant1	81.39	0.89	0.52
NVNT	n20	5200	Ant1	80.1	0.96	0.52
NVNT	n20	5240	Ant1	80.19	0.96	0.52
NVNT	n20	5180	Ant2	81.4	0.89	0.52
NVNT	n20	5200	Ant2	81.09	0.91	0.52
NVNT	n20	5240	Ant2	80.09	0.96	0.52
NVNT	n40	5190	Ant1	80.38	0.95	1.06
NVNT	n40	5230	Ant1	80.3	0.95	1.08
NVNT	n40	5190	Ant2	80.43	0.95	1.06
NVNT	n40	5230	Ant2	80.41	0.95	1.06
NVNT	ac20	5180	Ant1	80.07	0.97	0.52
NVNT	ac20	5200	Ant1	80.39	0.95	0.52
NVNT	ac20	5240	Ant1	80.05	0.97	0.52
NVNT	ac20	5180	Ant2	81.11	0.91	0.52
NVNT	ac20	5200	Ant2	81.32	0.9	0.52
NVNT	ac20	5240	Ant2	80.14	0.96	0.52
NVNT	ac40	5190	Ant1	80.43	0.95	1.06
NVNT	ac40	5230	Ant1	80.43	0.95	1.06
NVNT	ac40	5190	Ant2	80.43	0.95	1.06
NVNT	ac40	5230	Ant2	80.43	0.95	1.05
NVNT	ac80	5210	Ant1	80.9	0.92	2.17
NVNT	ac80	5210	Ant2	80.88	0.92	2.17

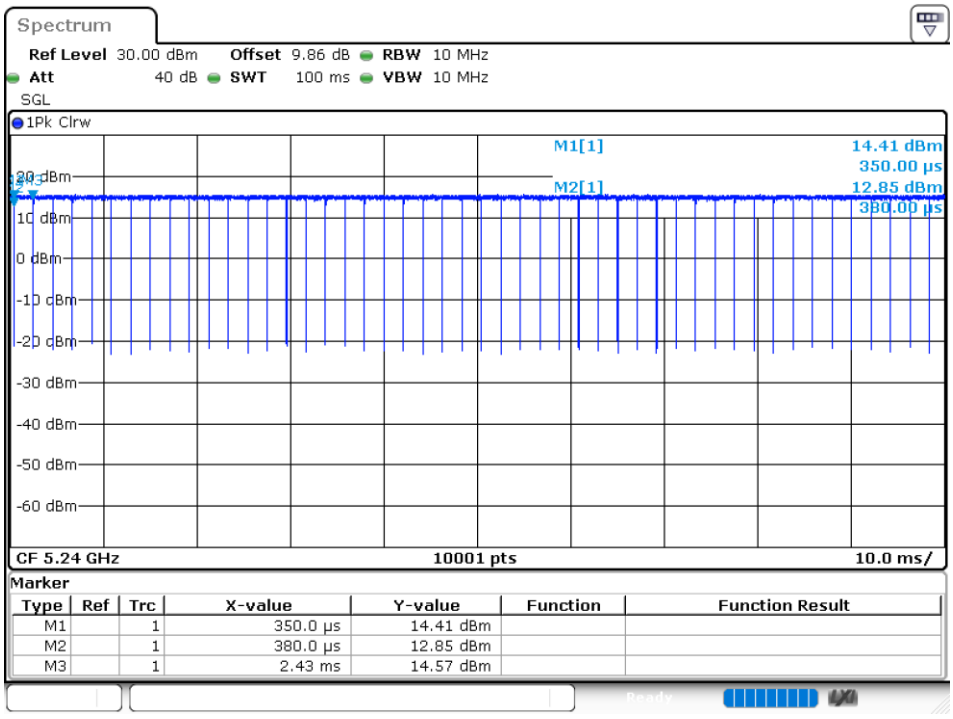
Test Graphs
Duty Cycle NVNT a 5180MHz Ant1



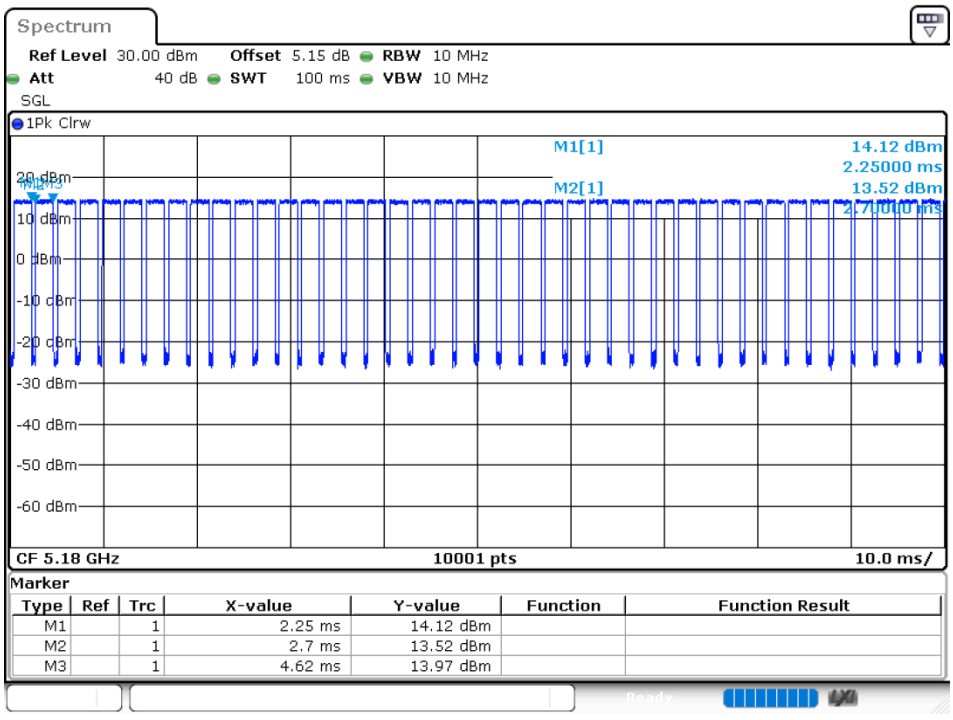
Duty Cycle NVNT a 5200MHz Ant1



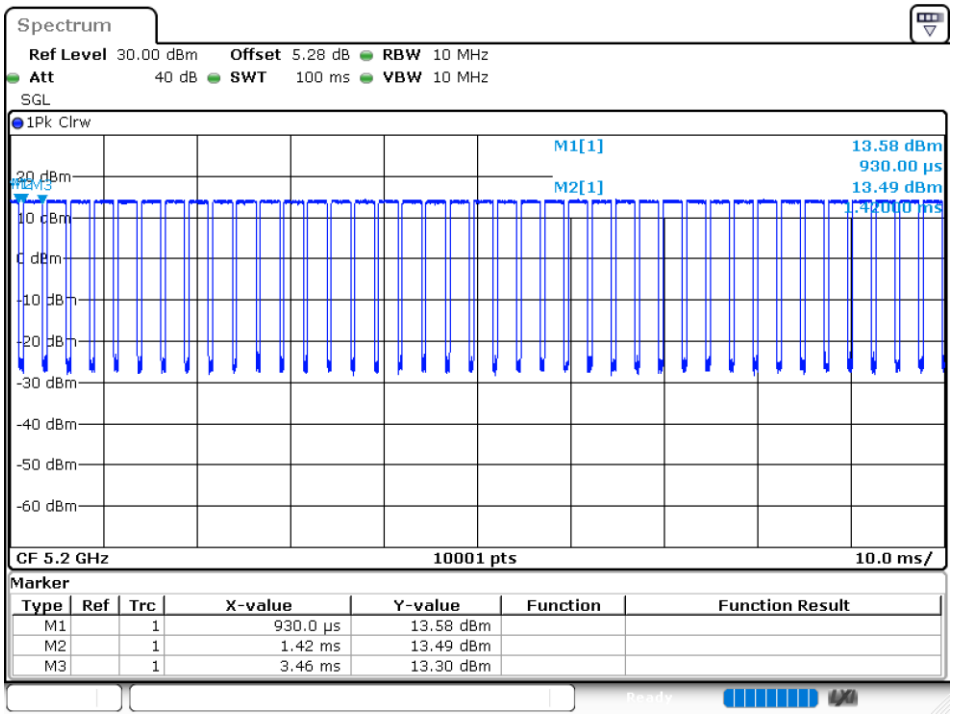
Duty Cycle NVNT a 5240MHz Ant1



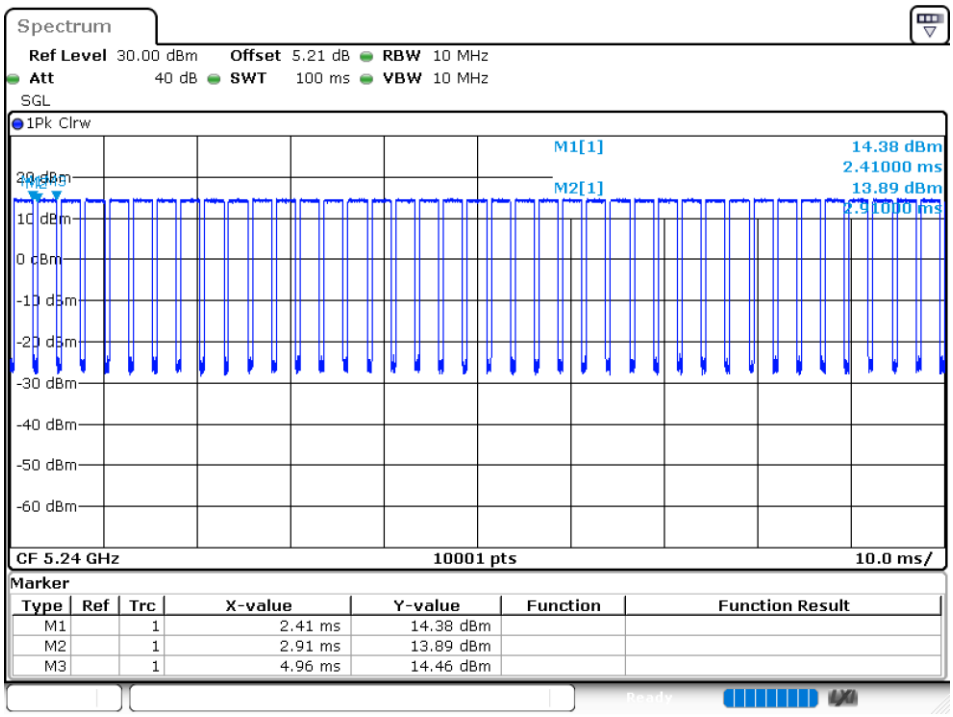
Duty Cycle NVNT a 5180MHz Ant2



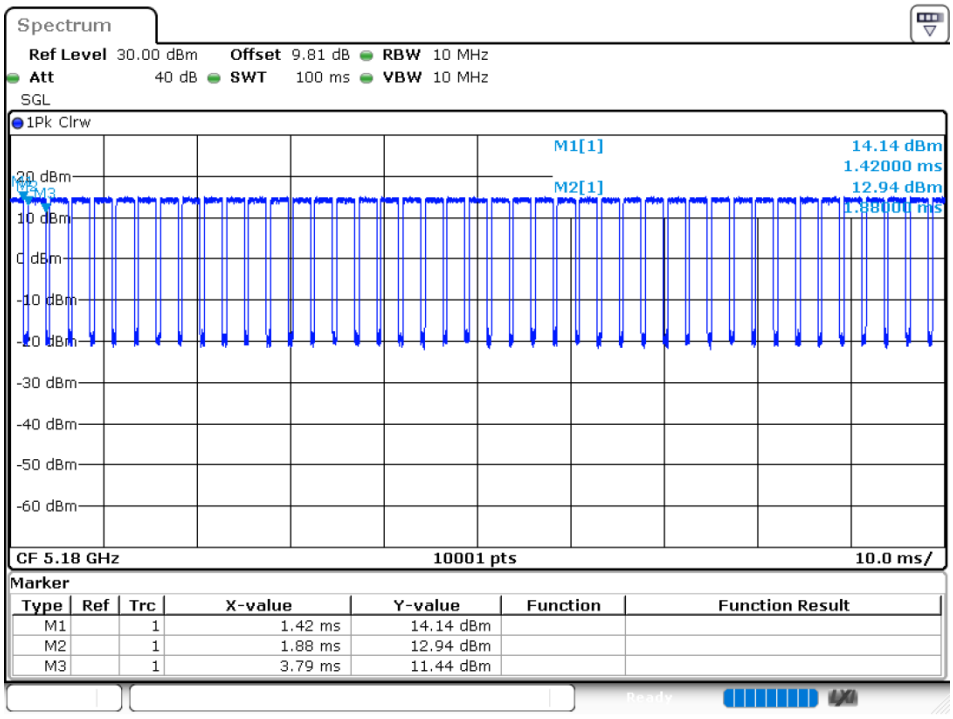
Duty Cycle NVNT a 5200MHz Ant2



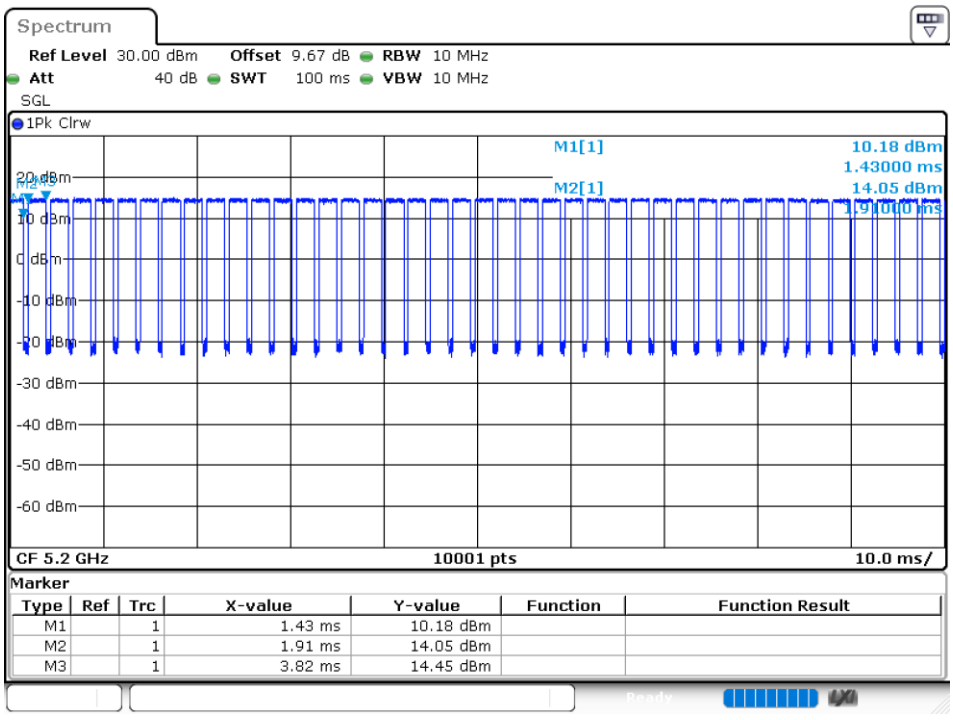
Duty Cycle NVNT a 5240MHz Ant2



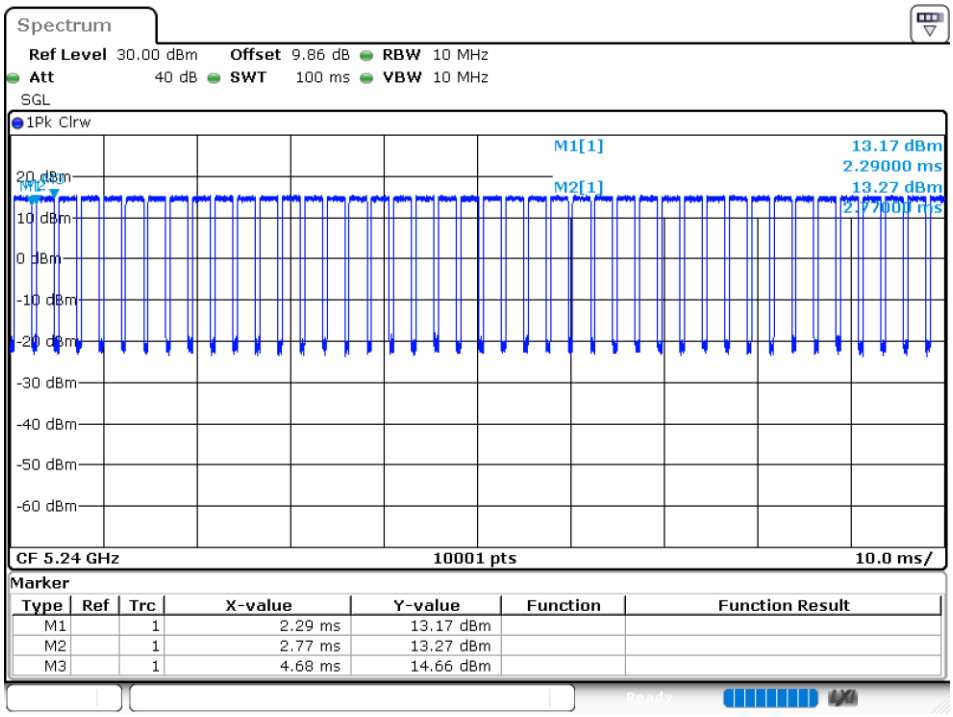
Duty Cycle NVNT n20 5180MHz Ant1



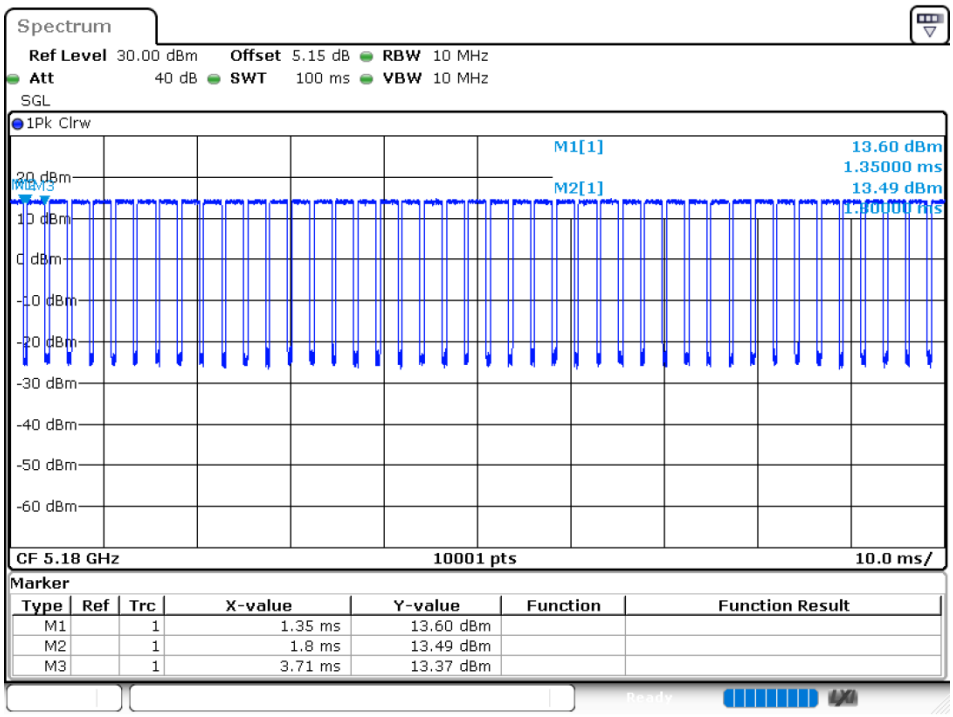
Duty Cycle NVNT n20 5200MHz Ant1



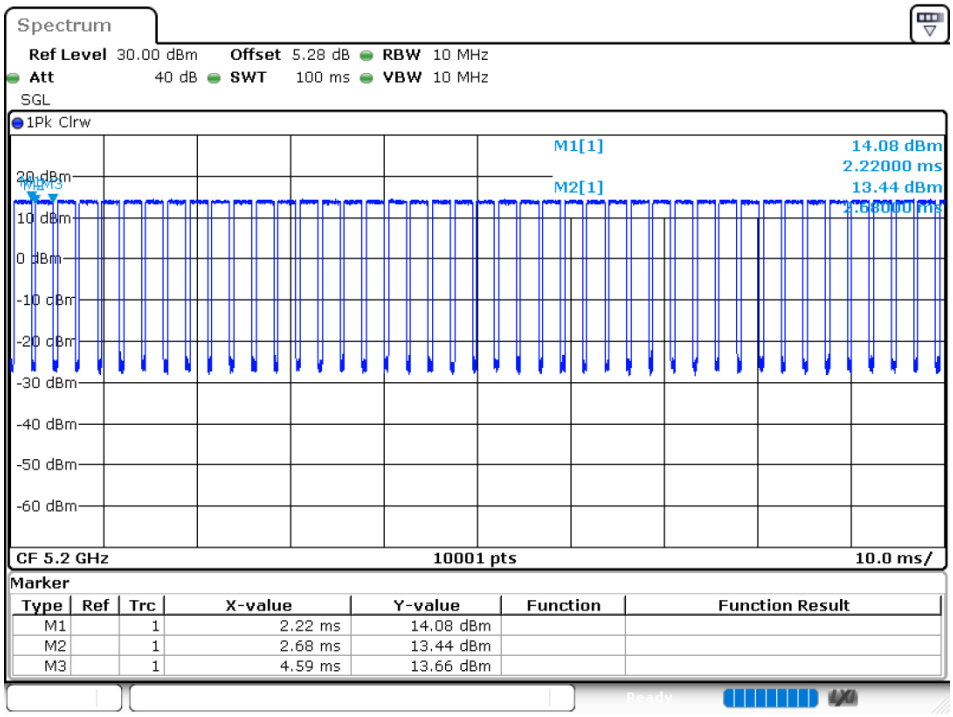
Duty Cycle NVNT n20 5240MHz Ant1



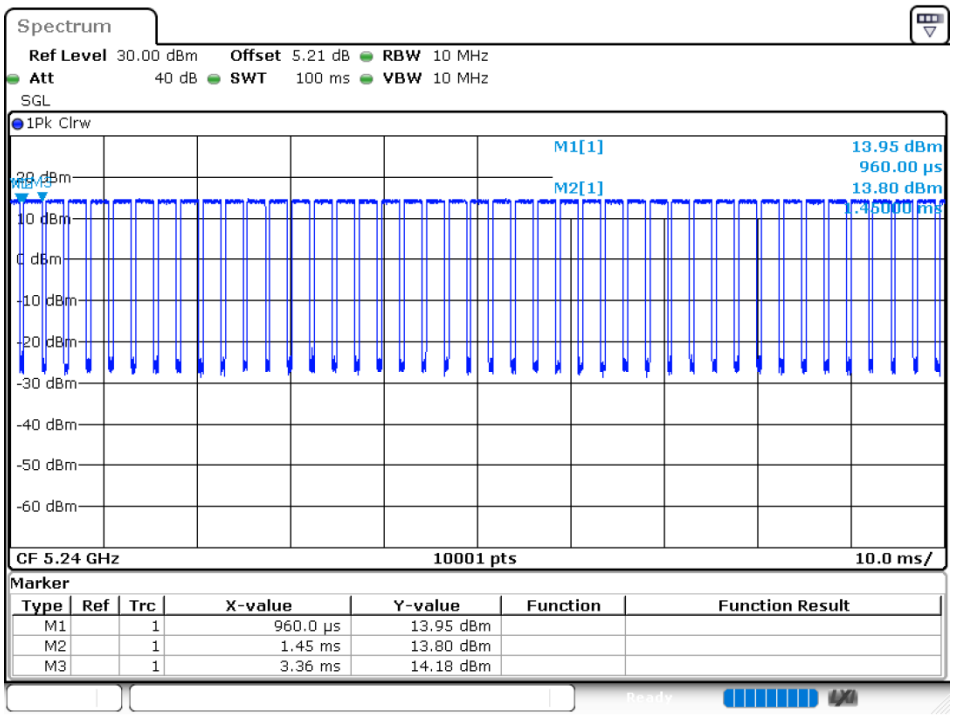
Duty Cycle NVNT n20 5180MHz Ant2



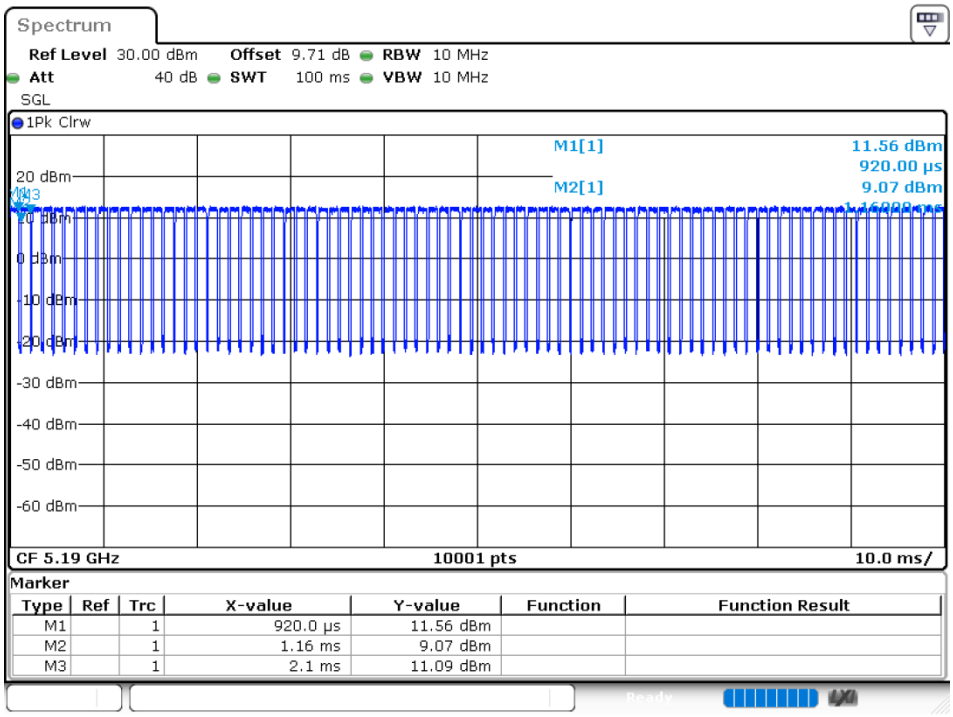
Duty Cycle NVNT n20 5200MHz Ant2



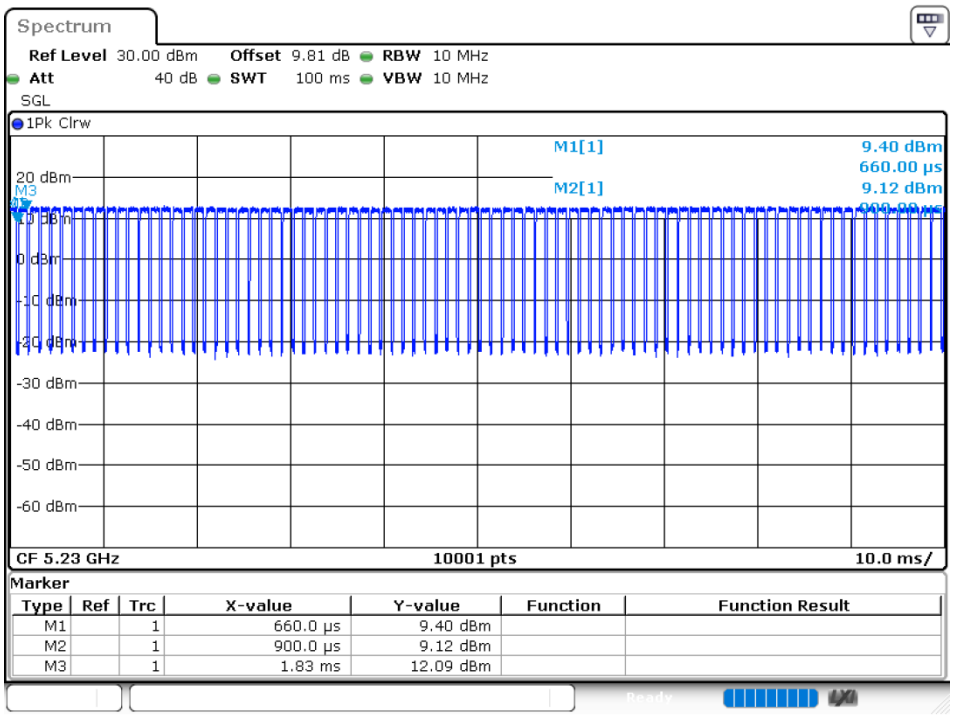
Duty Cycle NVNT n20 5240MHz Ant2



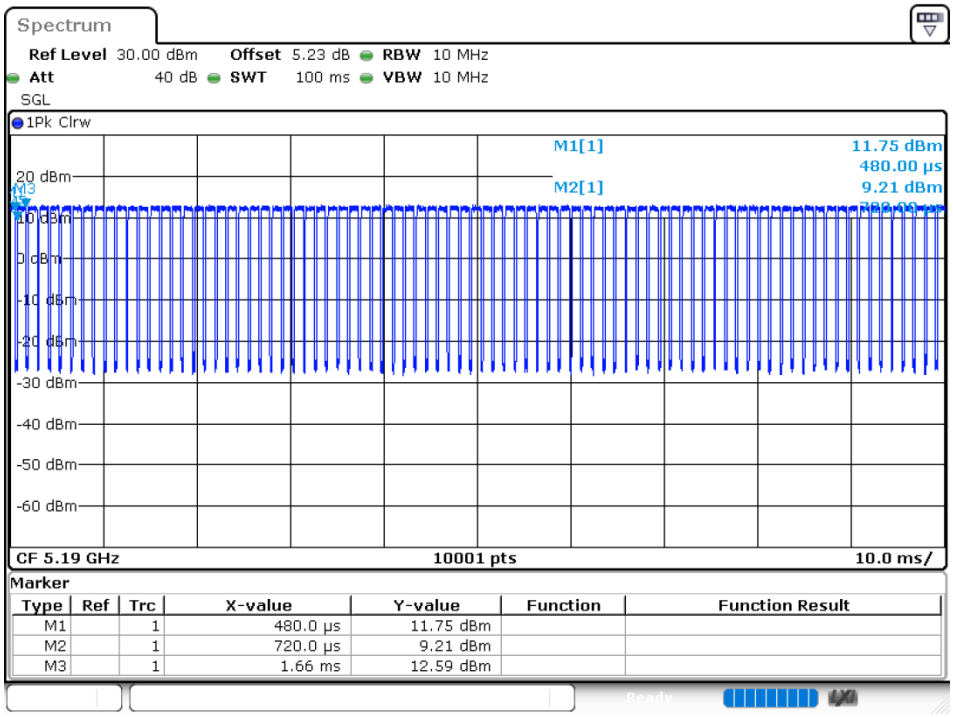
Duty Cycle NVNT n40 5190MHz Ant1



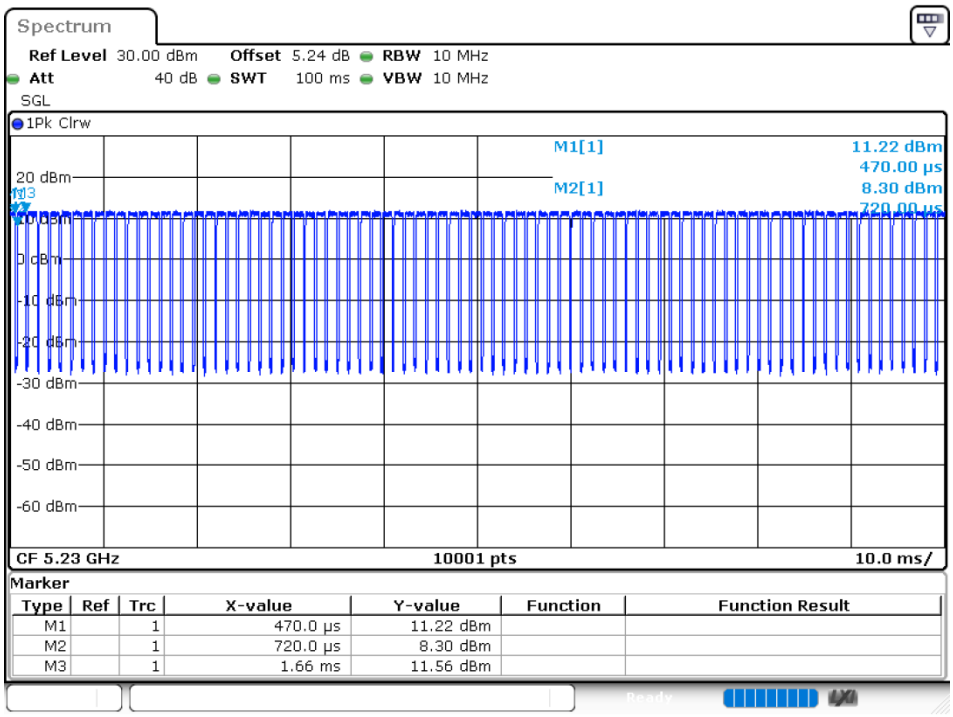
Duty Cycle NVNT n40 5230MHz Ant1



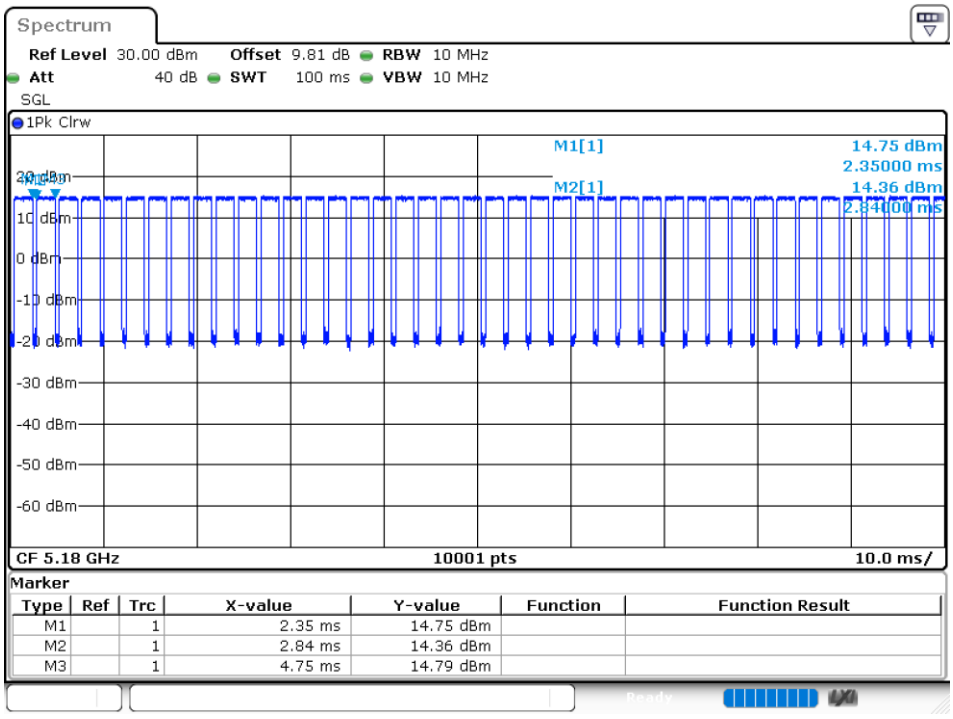
Duty Cycle NVNT n40 5190MHz Ant2



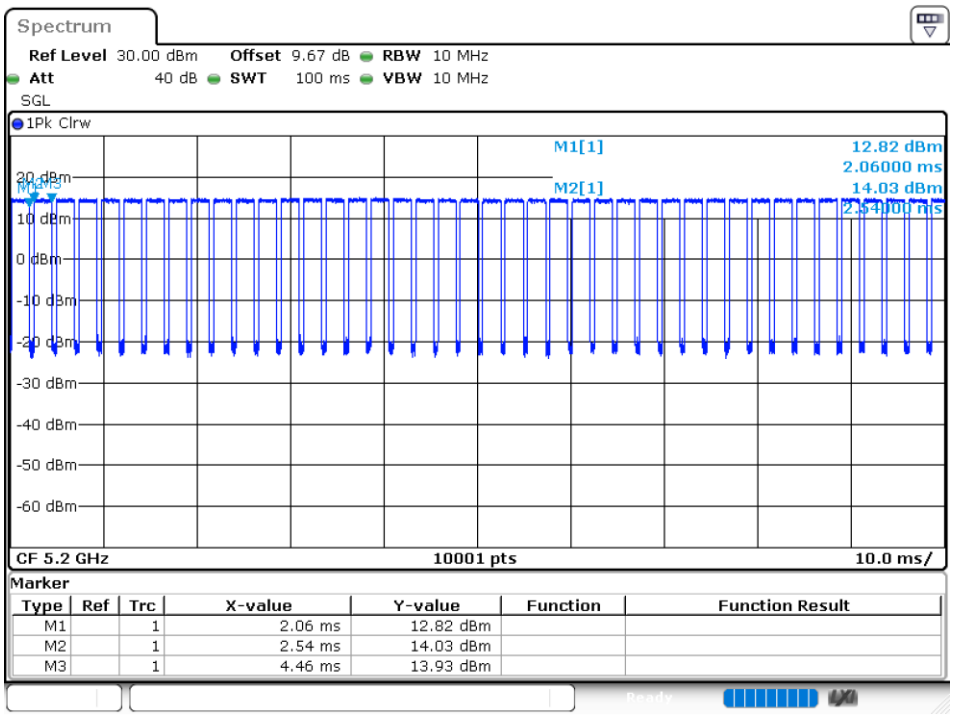
Duty Cycle NVNT n40 5230MHz Ant2



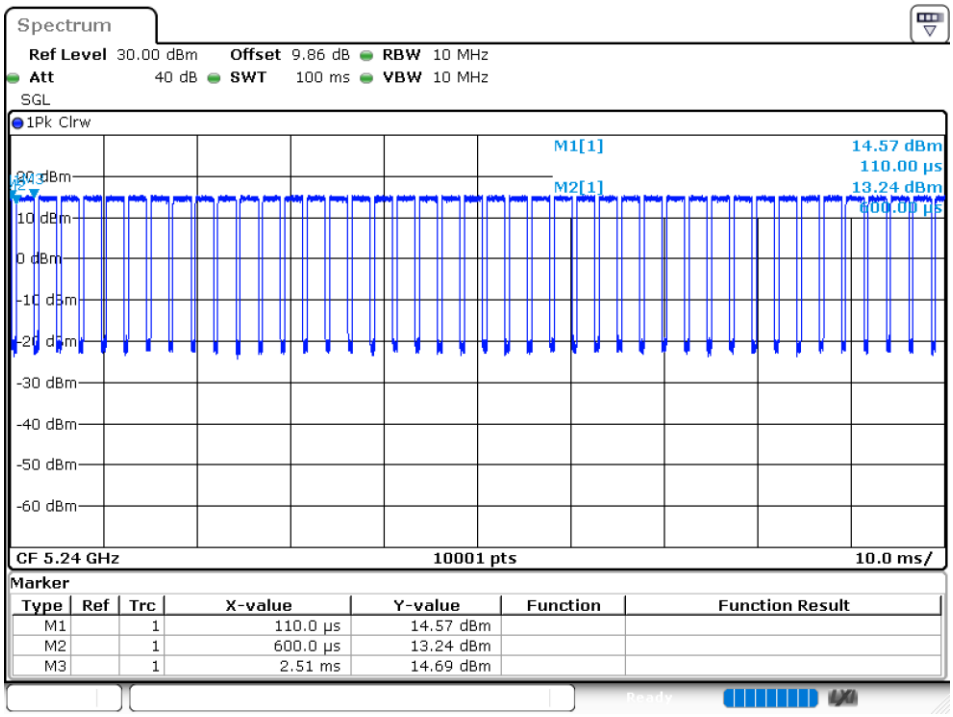
Duty Cycle NVNT ac20 5180MHz Ant1



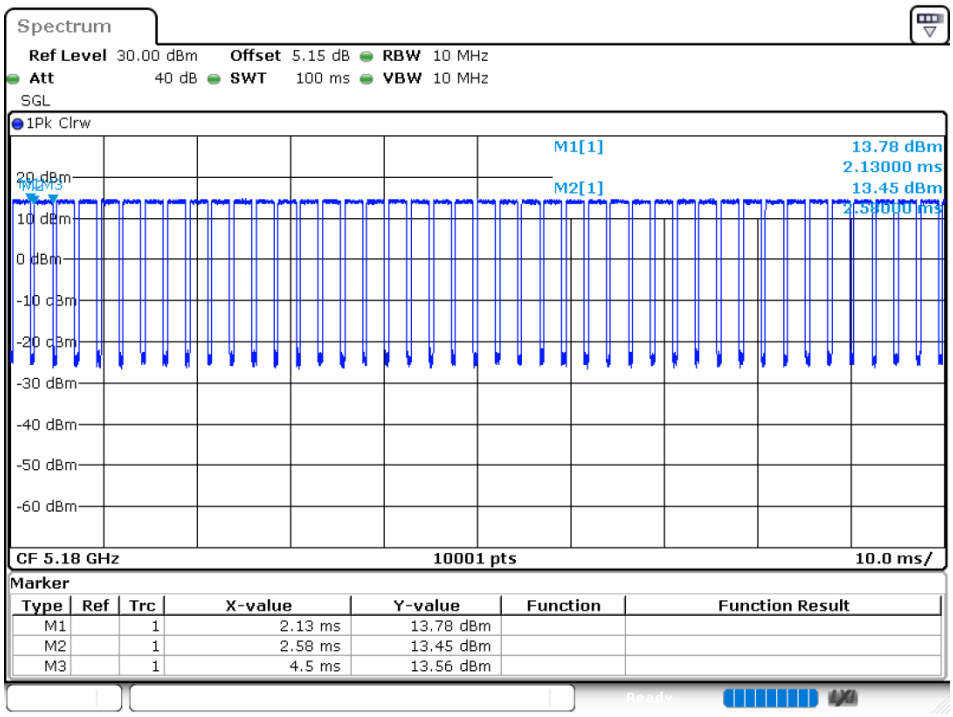
Duty Cycle NVNT ac20 5200MHz Ant1



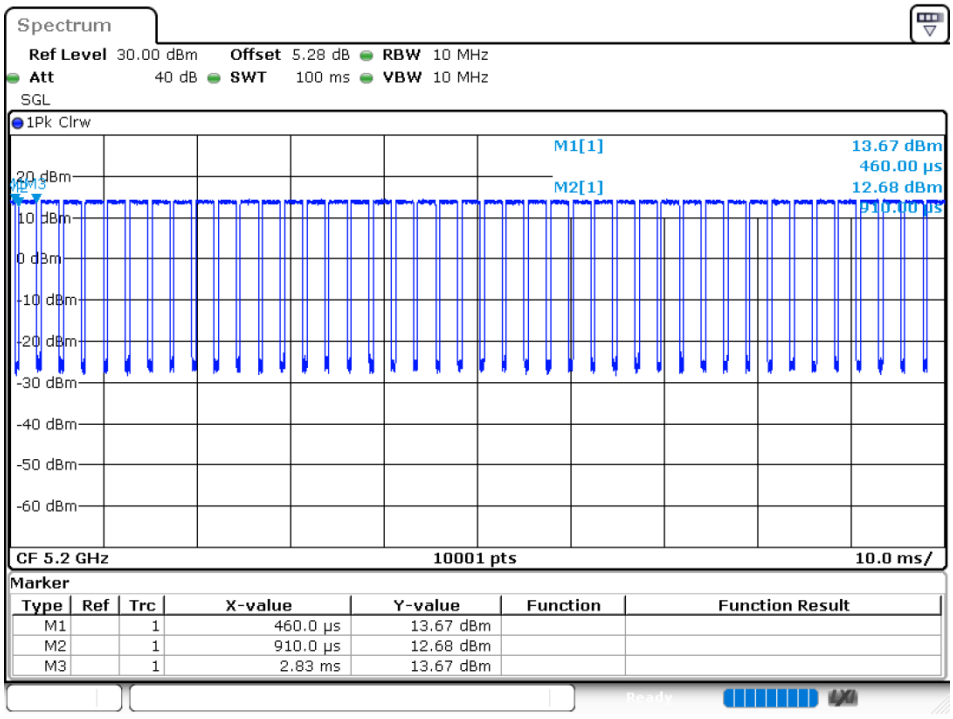
Duty Cycle NVNT ac20 5240MHz Ant1



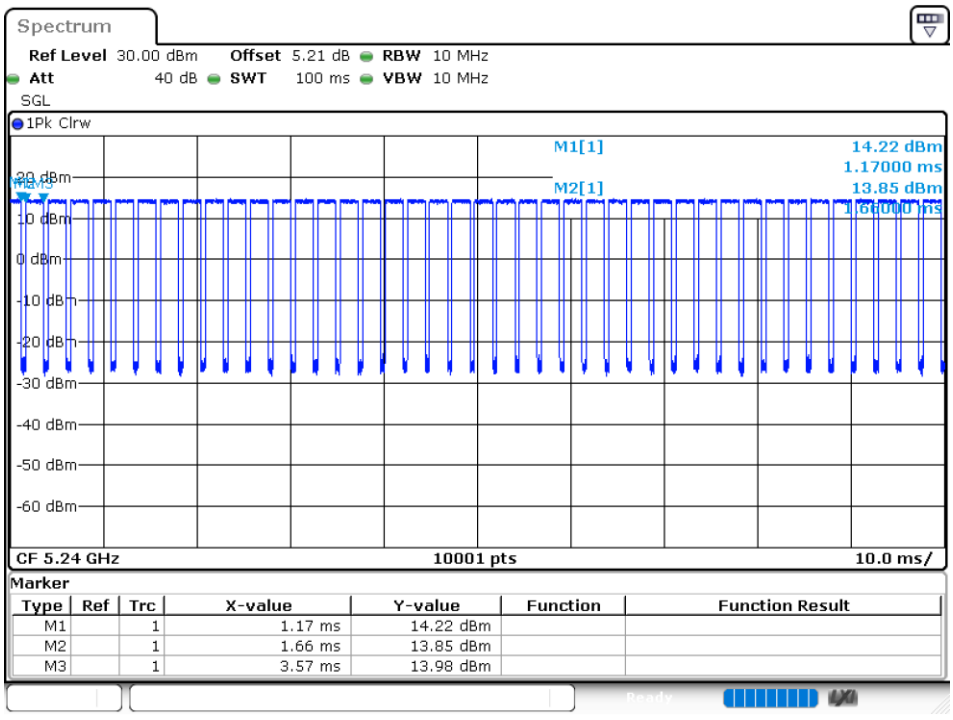
Duty Cycle NVNT ac20 5180MHz Ant2



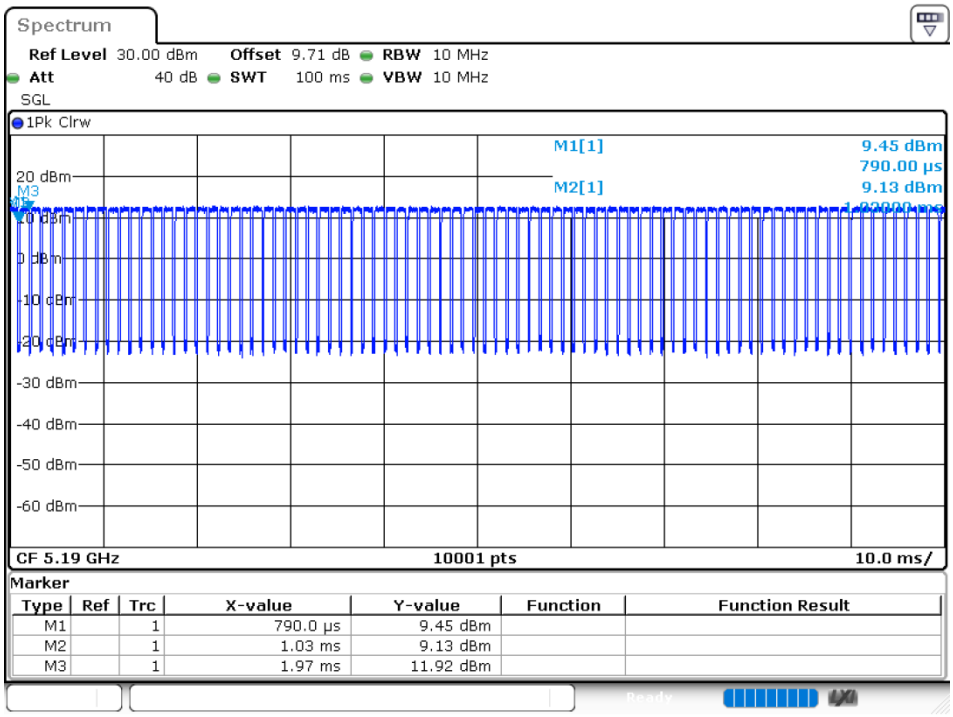
Duty Cycle NVNT ac20 5200MHz Ant2



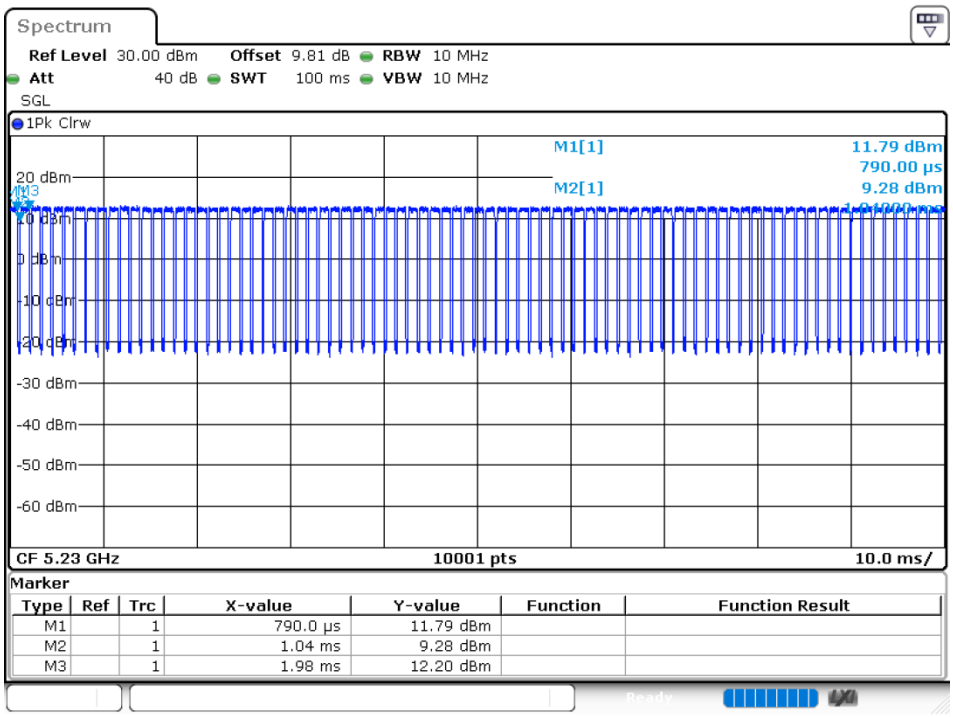
Duty Cycle NVNT ac20 5240MHz Ant2



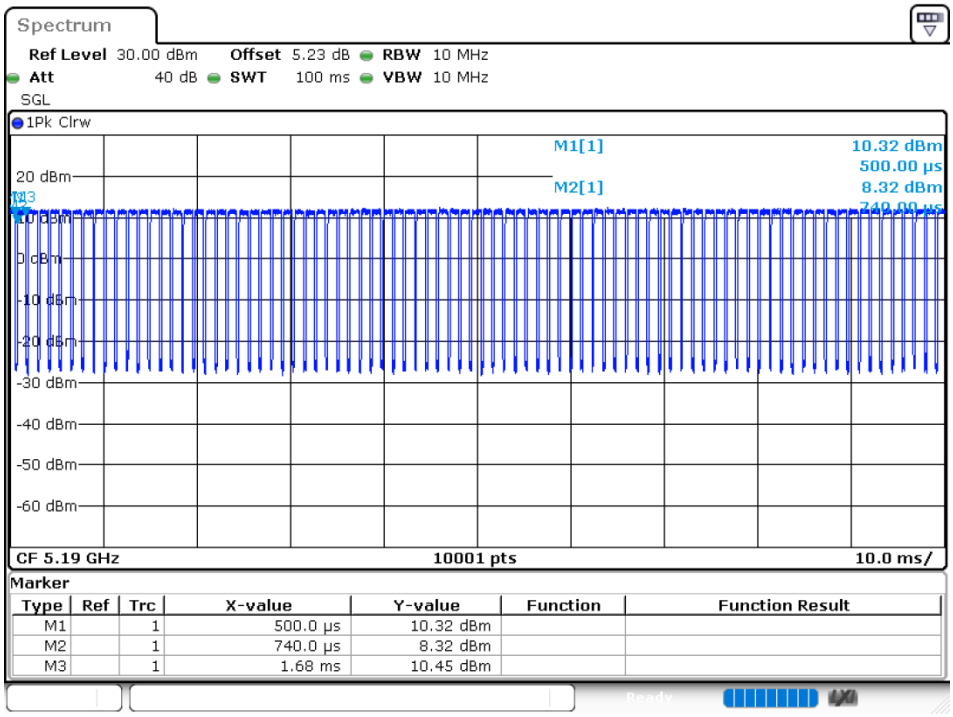
Duty Cycle NVNT ac40 5190MHz Ant1



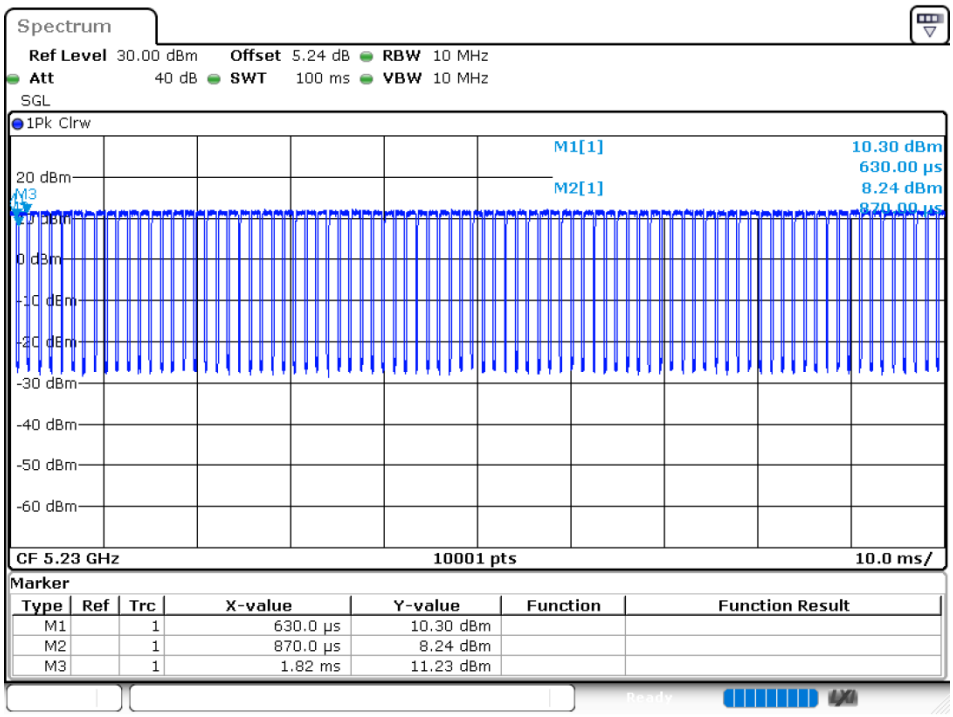
Duty Cycle NVNT ac40 5230MHz Ant1



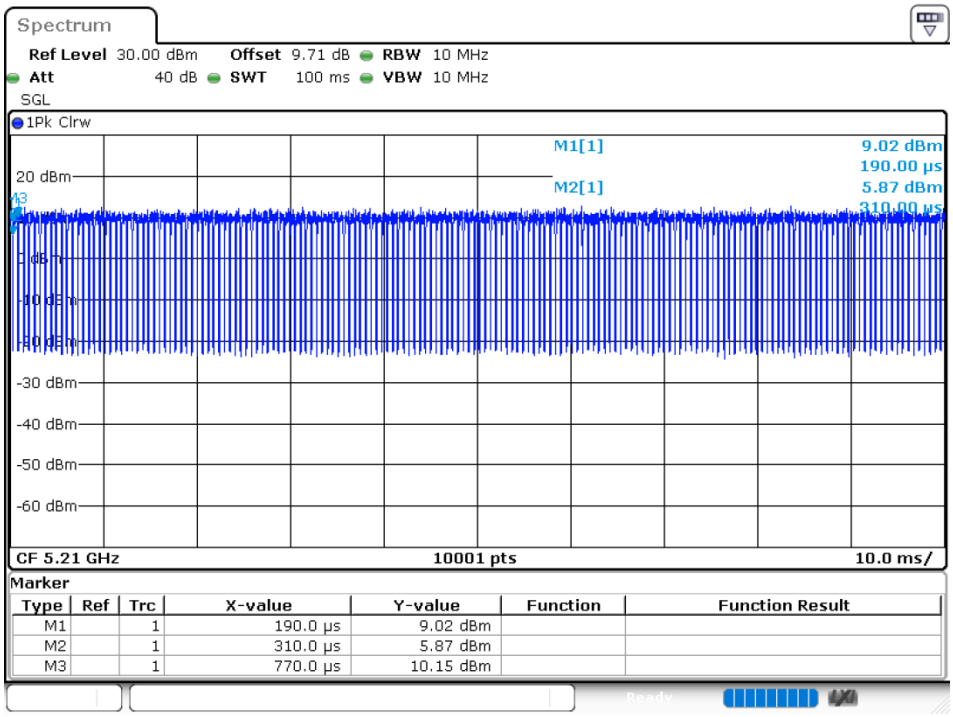
Duty Cycle NVNT ac40 5190MHz Ant2



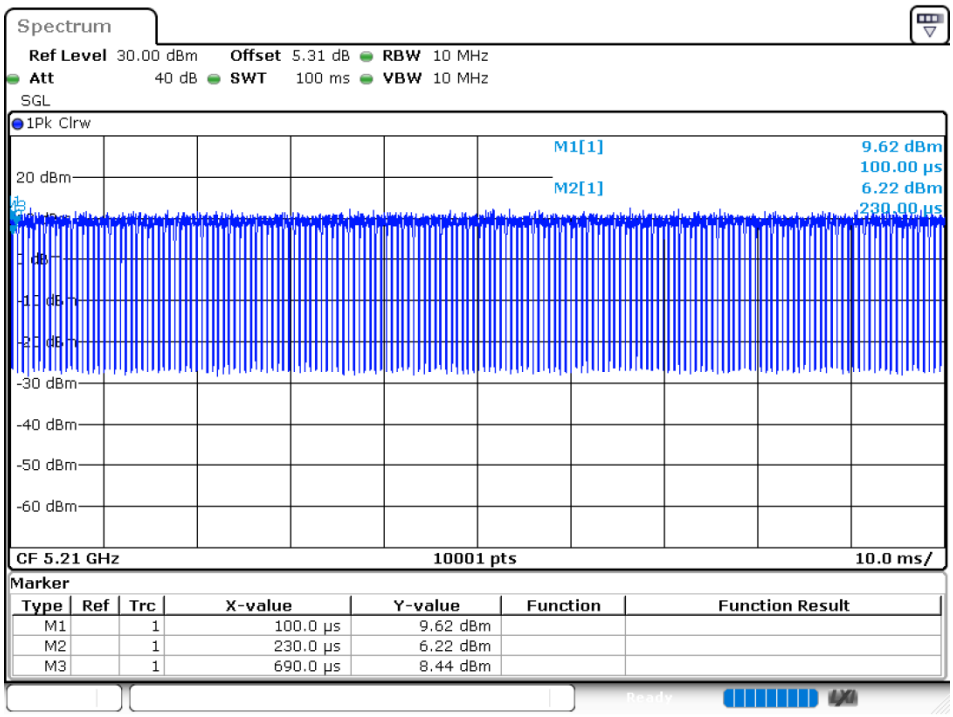
Duty Cycle NVNT ac40 5230MHz Ant2



Duty Cycle NVNT ac80 5210MHz Ant1



Duty Cycle NVNT ac80 5210MHz Ant2



Maximum Conducted Output Power

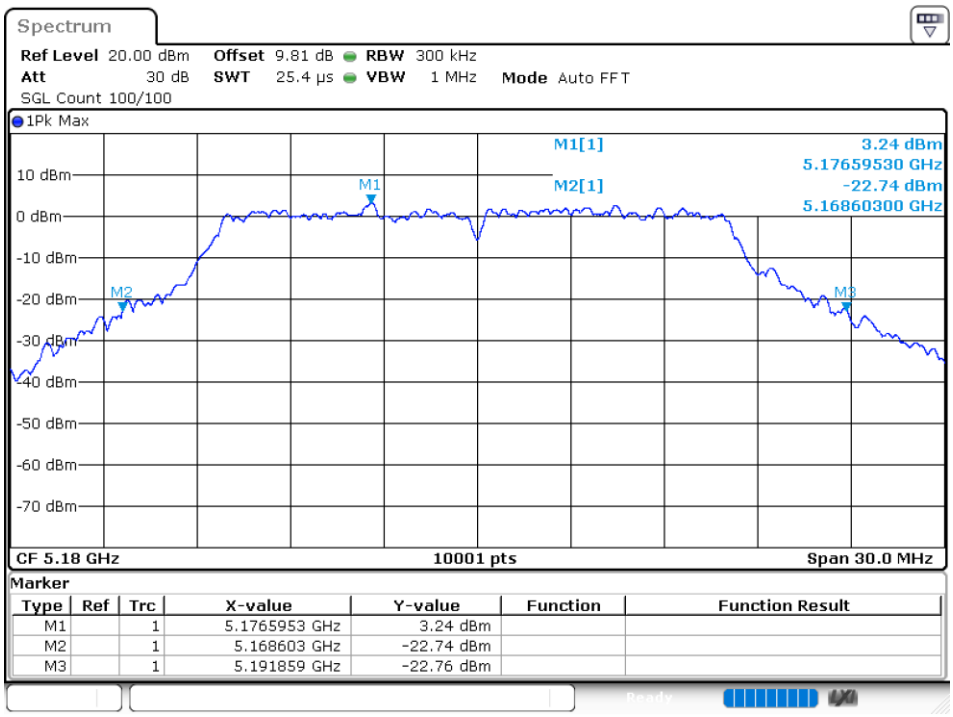
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.12	0	10.12	24	Pass
NVNT	a	5200	Ant1	10.26	0	10.26	24	Pass
NVNT	a	5240	Ant1	10.17	0	10.17	24	Pass
NVNT	a	5180	Ant2	10.28	0	10.28	24	Pass
NVNT	a	5200	Ant2	10.17	0	10.17	24	Pass
NVNT	a	5240	Ant2	10.44	0	10.44	24	Pass
NVNT	n20	5180	Ant1	9.8	0	9.8	24	Pass
NVNT	n20	5200	Ant1	10.1	0	10.1	24	Pass
NVNT	n20	5240	Ant1	10	0	10	24	Pass
NVNT	n20	5180	Ant2	10.28	0	10.28	24	Pass
NVNT	n20	5200	Ant2	10.04	0	10.04	24	Pass
NVNT	n20	5240	Ant2	10.38	0	10.38	24	Pass
NVNT	n40	5190	Ant1	10.04	0	10.04	24	Pass
NVNT	n40	5230	Ant1	10	0	10	24	Pass
NVNT	n40	5190	Ant2	9.98	0	9.98	24	Pass
NVNT	n40	5230	Ant2	10	0	10	24	Pass
NVNT	ac20	5180	Ant1	9.97	0	9.97	24	Pass
NVNT	ac20	5200	Ant1	10.1	0	10.1	24	Pass
NVNT	ac20	5240	Ant1	10.01	0	10.01	24	Pass
NVNT	ac20	5180	Ant2	10.31	0	10.31	24	Pass
NVNT	ac20	5200	Ant2	9.95	0	9.95	24	Pass
NVNT	ac20	5240	Ant2	10.49	0	10.49	24	Pass
NVNT	ac40	5190	Ant1	9.99	0	9.99	24	Pass
NVNT	ac40	5230	Ant1	9.97	0	9.97	24	Pass
NVNT	ac40	5190	Ant2	10.09	0	10.09	24	Pass
NVNT	ac40	5230	Ant2	10.01	0	10.01	24	Pass
NVNT	ac80	5210	Ant1	10.12	0	10.12	24	Pass
NVNT	ac80	5210	Ant2	10.25	0	10.25	24	Pass

-26dB Bandwidth

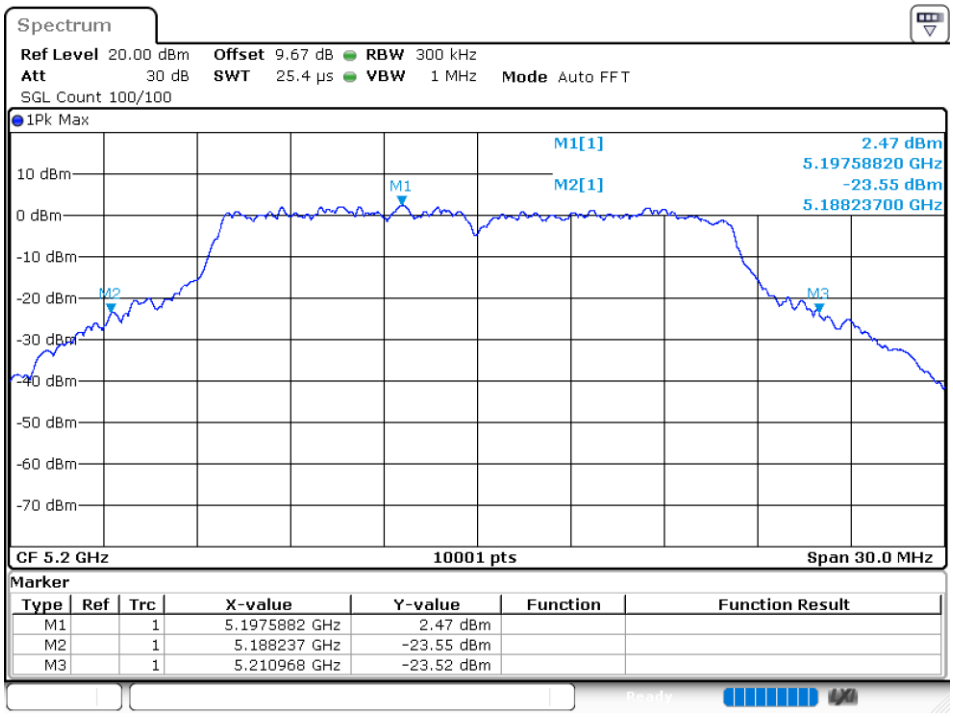
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	23.256	0.5	Pass
NVNT	a	5200	Ant1	22.731	0.5	Pass
NVNT	a	5240	Ant1	22.956	0.5	Pass
NVNT	a	5180	Ant2	24.723	0.5	Pass
NVNT	a	5200	Ant2	22.323	0.5	Pass
NVNT	a	5240	Ant2	22.791	0.5	Pass
NVNT	n20	5180	Ant1	23.709	0.5	Pass
NVNT	n20	5200	Ant1	23.502	0.5	Pass
NVNT	n20	5240	Ant1	23.478	0.5	Pass
NVNT	n20	5180	Ant2	22.551	0.5	Pass
NVNT	n20	5200	Ant2	22.653	0.5	Pass
NVNT	n20	5240	Ant2	23.583	0.5	Pass
NVNT	n40	5190	Ant1	44.118	0.5	Pass
NVNT	n40	5230	Ant1	44.49	0.5	Pass
NVNT	n40	5190	Ant2	43.938	0.5	Pass
NVNT	n40	5230	Ant2	44.292	0.5	Pass
NVNT	ac20	5180	Ant1	22.743	0.5	Pass
NVNT	ac20	5200	Ant1	22.644	0.5	Pass
NVNT	ac20	5240	Ant1	23.595	0.5	Pass
NVNT	ac20	5180	Ant2	22.218	0.5	Pass
NVNT	ac20	5200	Ant2	22.845	0.5	Pass
NVNT	ac20	5240	Ant2	22.572	0.5	Pass
NVNT	ac40	5190	Ant1	44.016	0.5	Pass
NVNT	ac40	5230	Ant1	44.484	0.5	Pass
NVNT	ac40	5190	Ant2	44.694	0.5	Pass
NVNT	ac40	5230	Ant2	43.482	0.5	Pass
NVNT	ac80	5210	Ant1	82.836	0.5	Pass
NVNT	ac80	5210	Ant2	83.484	0.5	Pass

Test Graphs

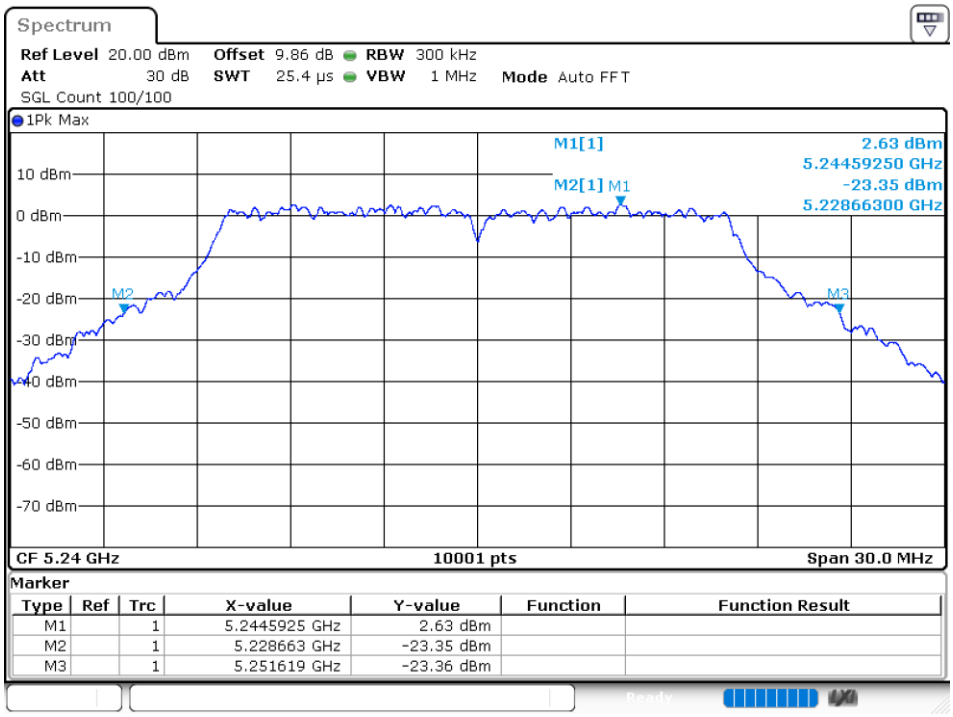
-26dB Bandwidth NVNT a 5180MHz Ant1



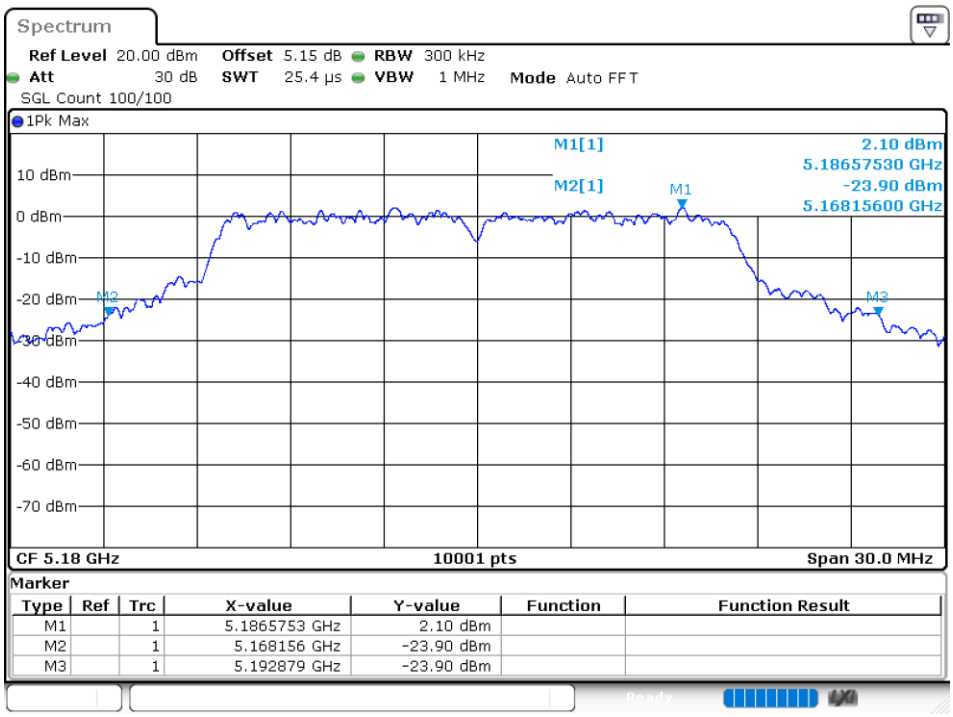
-26dB Bandwidth NVNT a 5200MHz Ant1



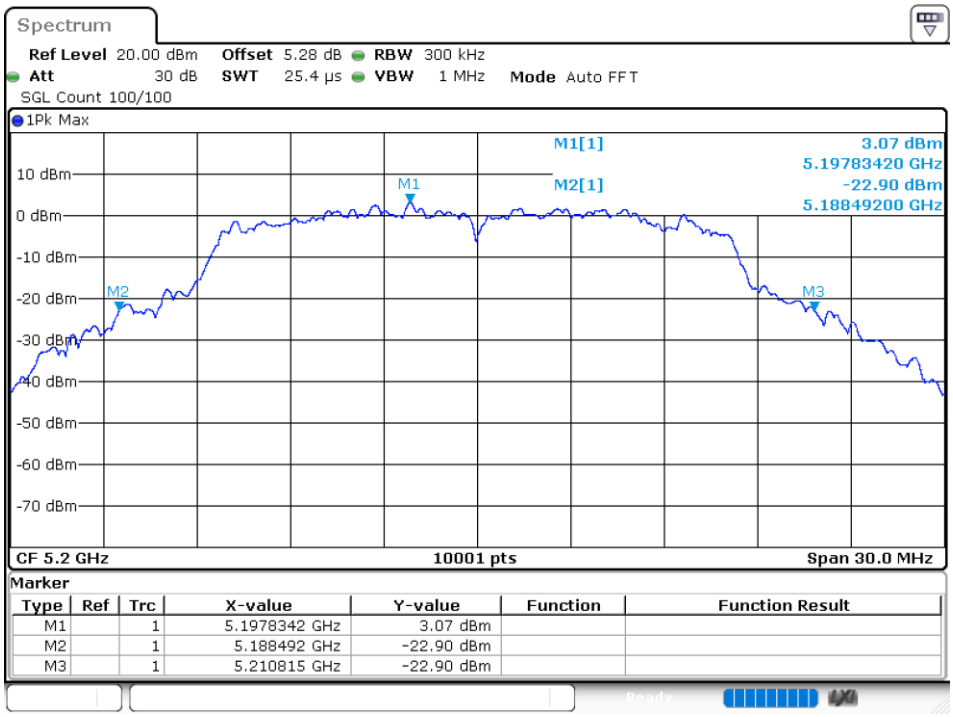
-26dB Bandwidth NVNT a 5240MHz Ant1



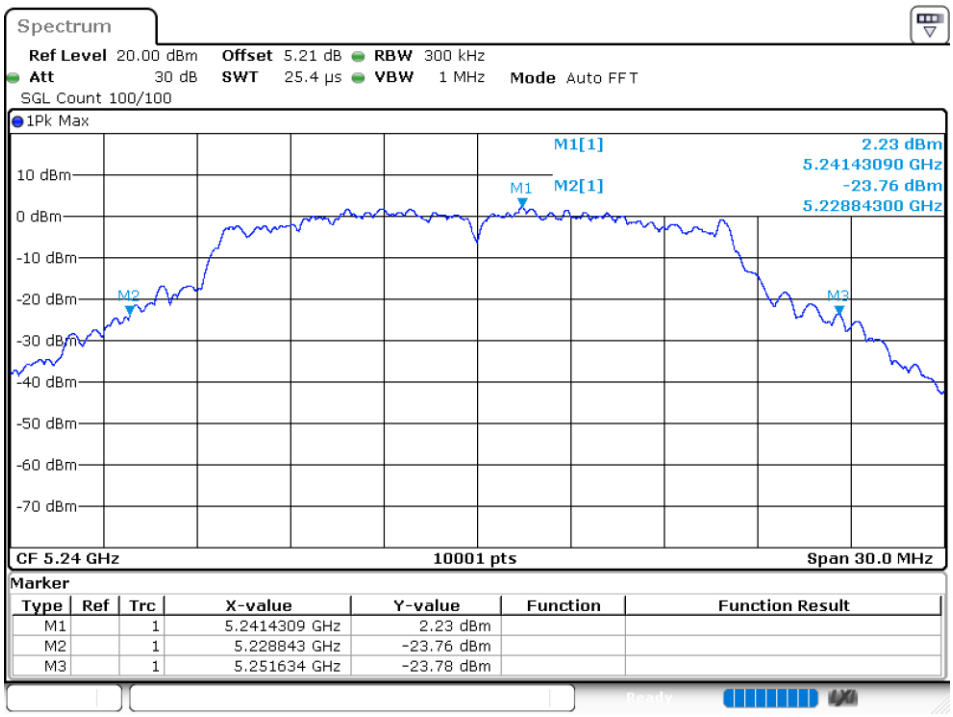
-26dB Bandwidth NVNT a 5180MHz Ant2



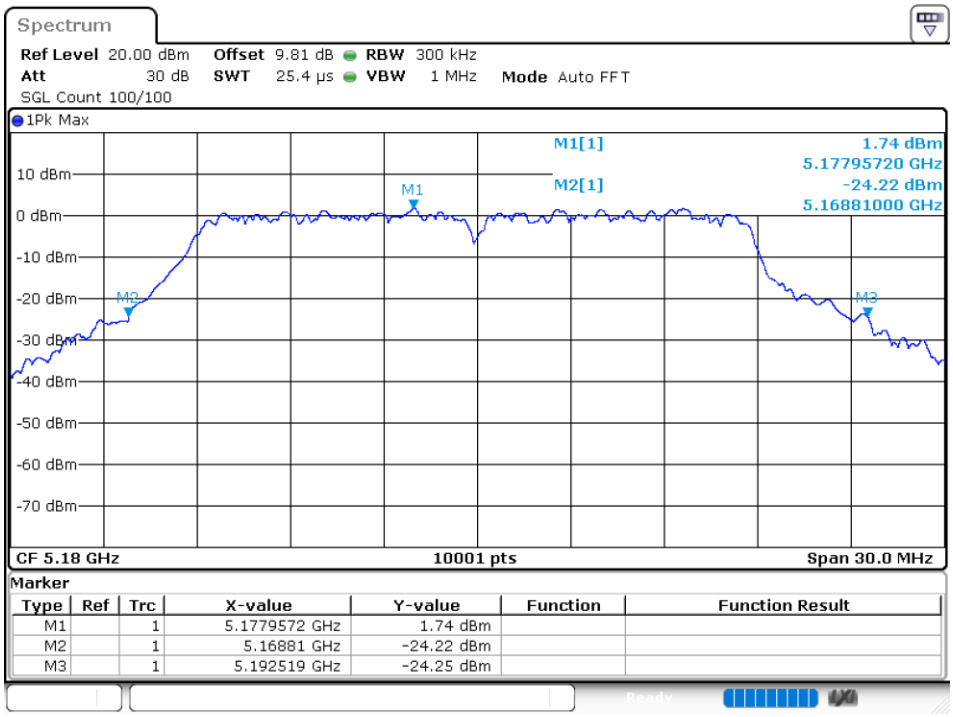
-26dB Bandwidth NVNT a 5200MHz Ant2



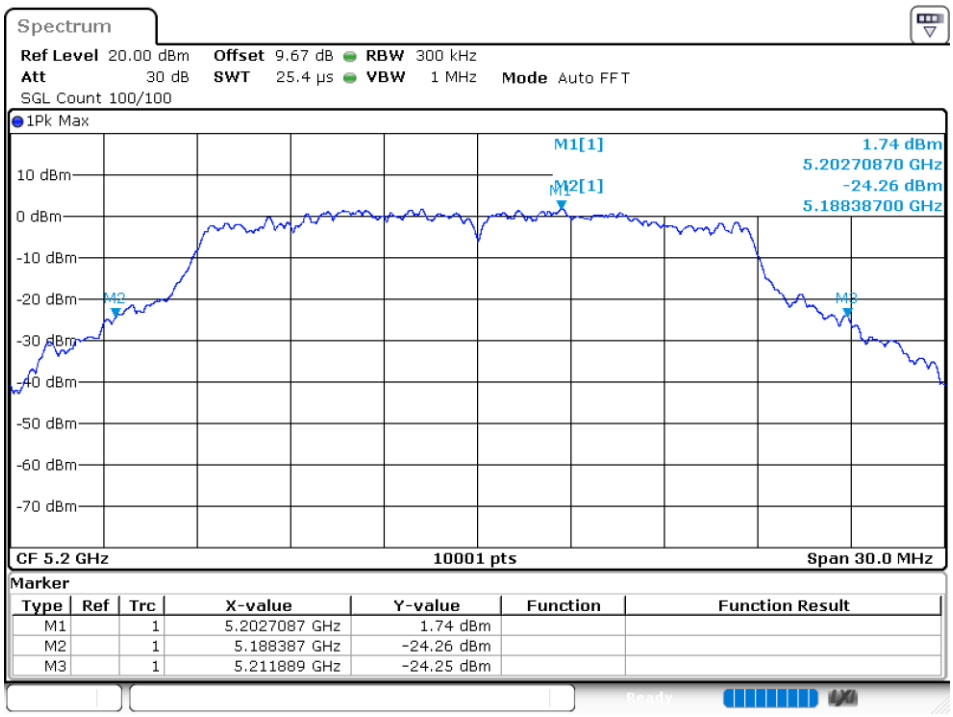
-26dB Bandwidth NVNT a 5240MHz Ant2



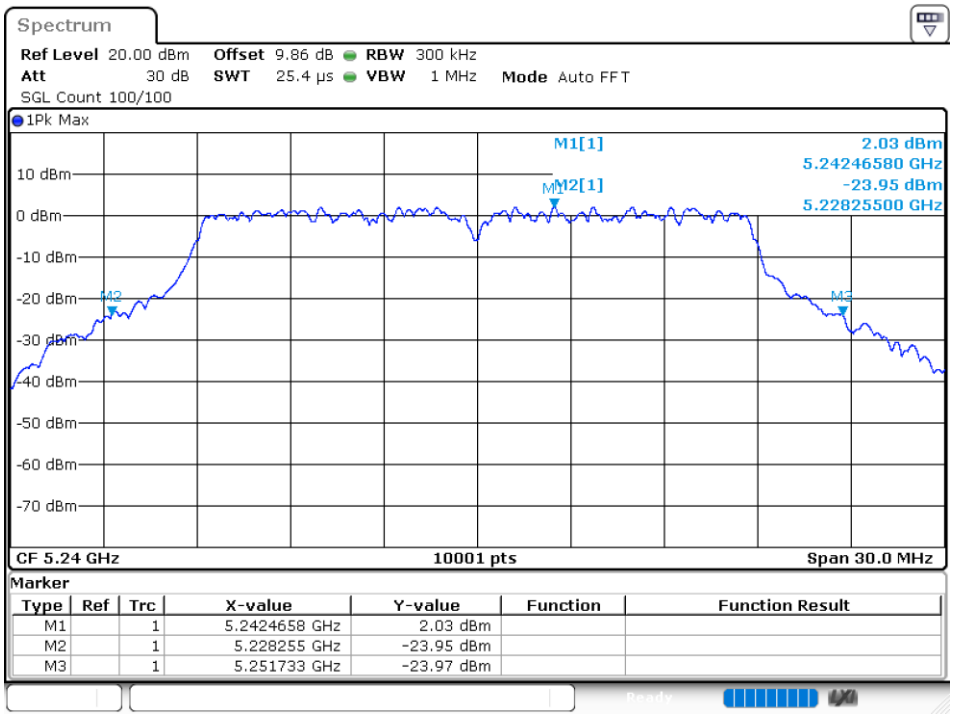
-26dB Bandwidth NVNT n20 5180MHz Ant1



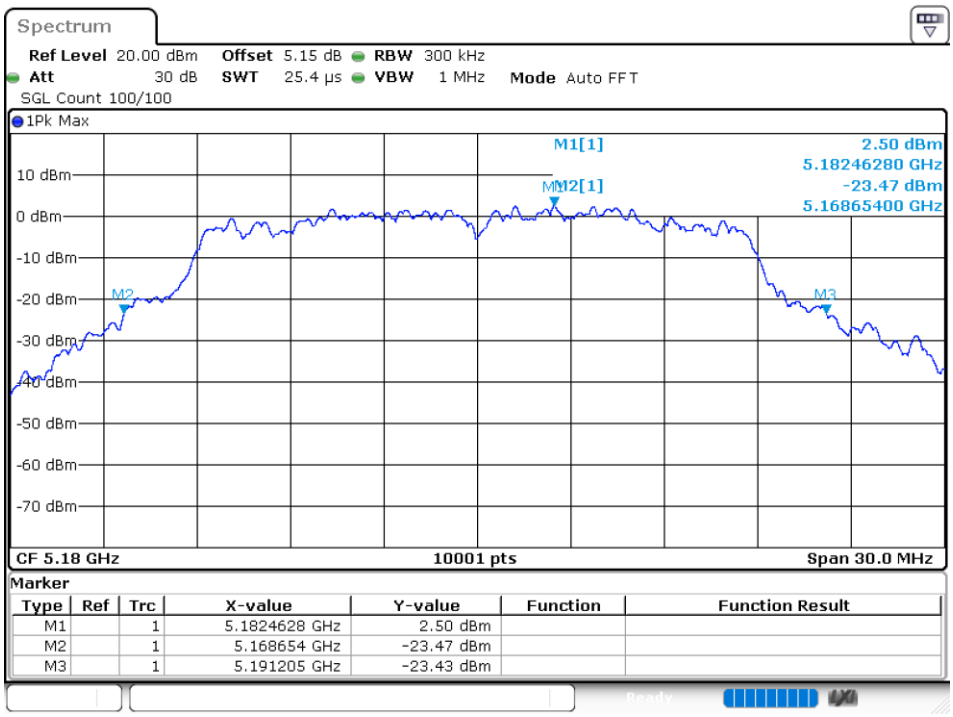
-26dB Bandwidth NVNT n20 5200MHz Ant1



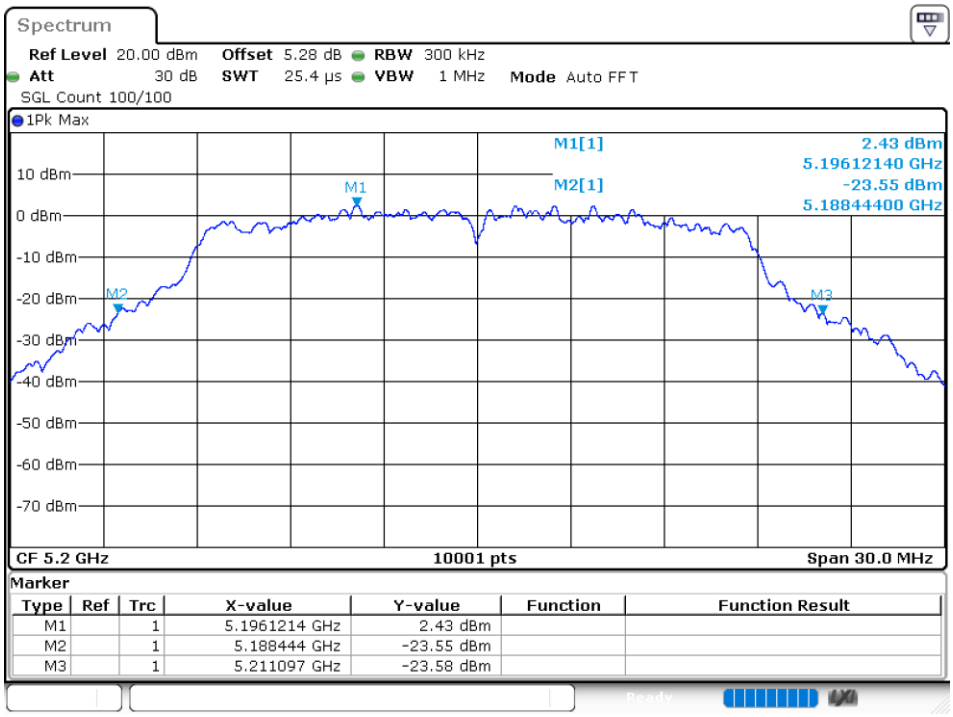
-26dB Bandwidth NVNT n20 5240MHz Ant1



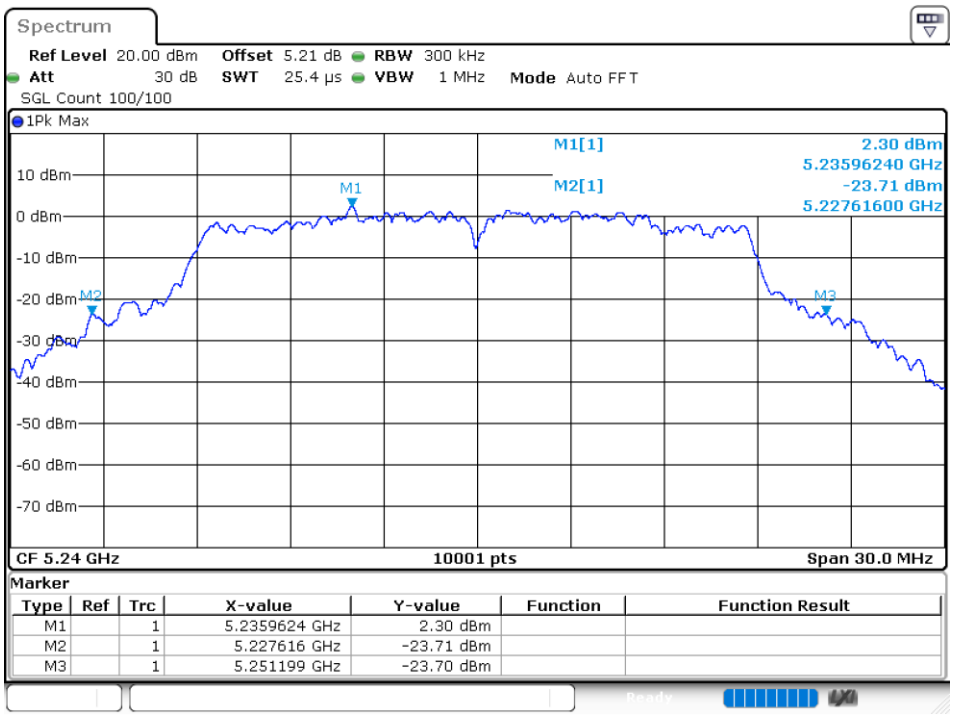
-26dB Bandwidth NVNT n20 5180MHz Ant2



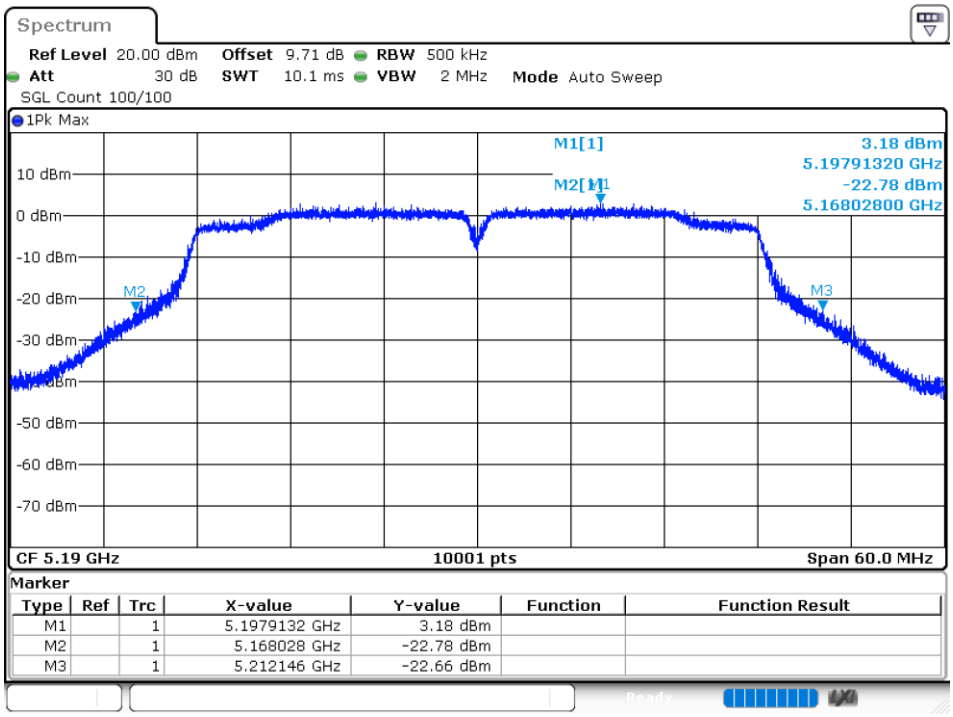
-26dB Bandwidth NVNT n20 5200MHz Ant2



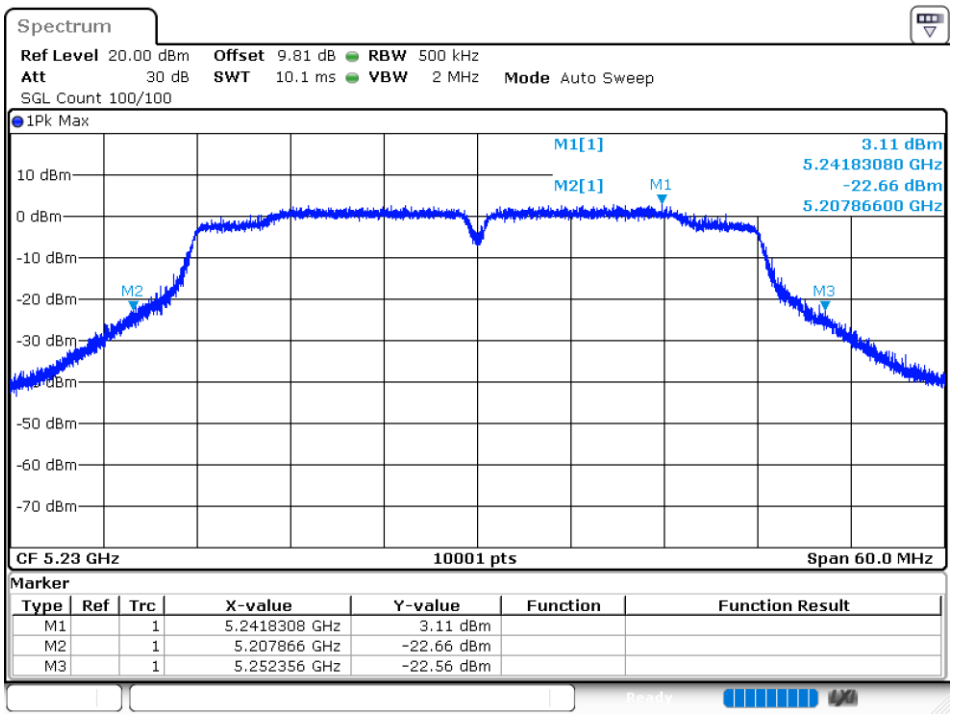
-26dB Bandwidth NVNT n20 5240MHz Ant2



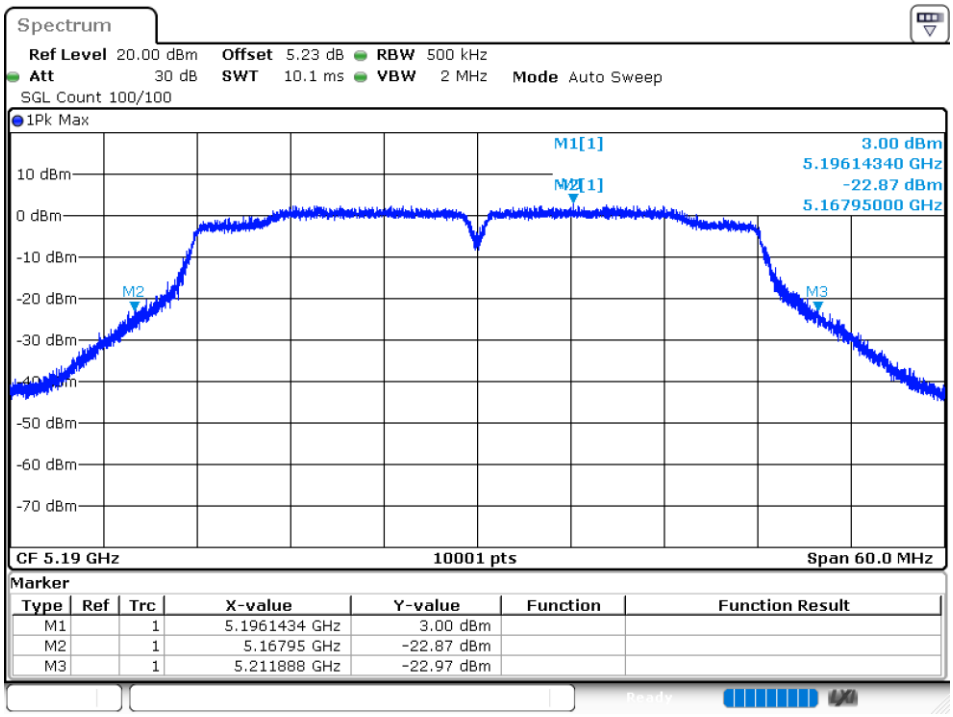
-26dB Bandwidth NVNT n40 5190MHz Ant1



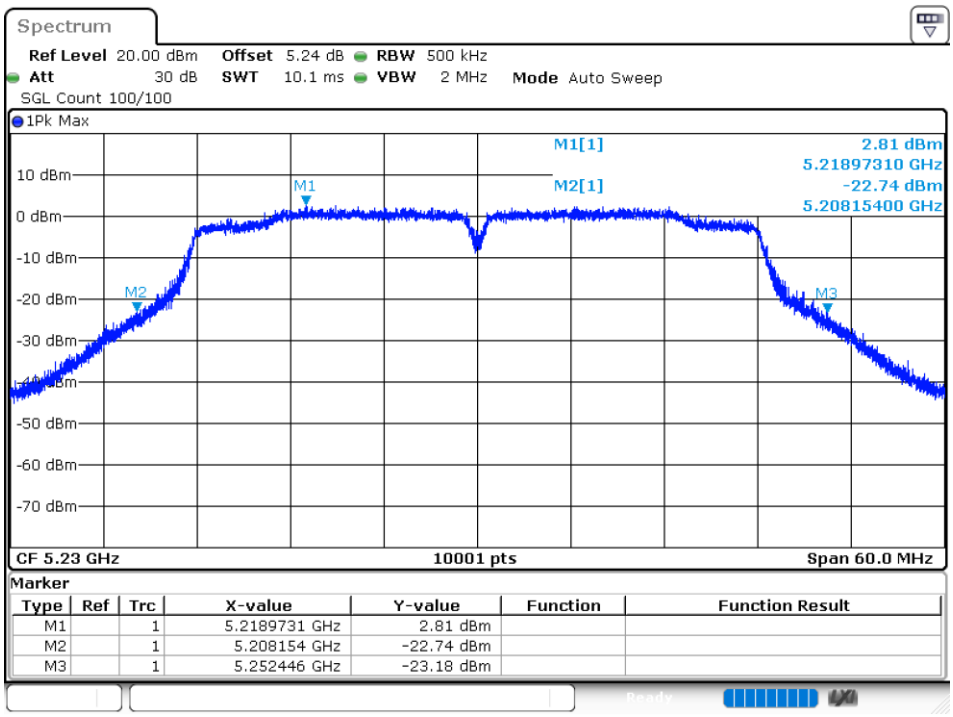
-26dB Bandwidth NVNT n40 5230MHz Ant1



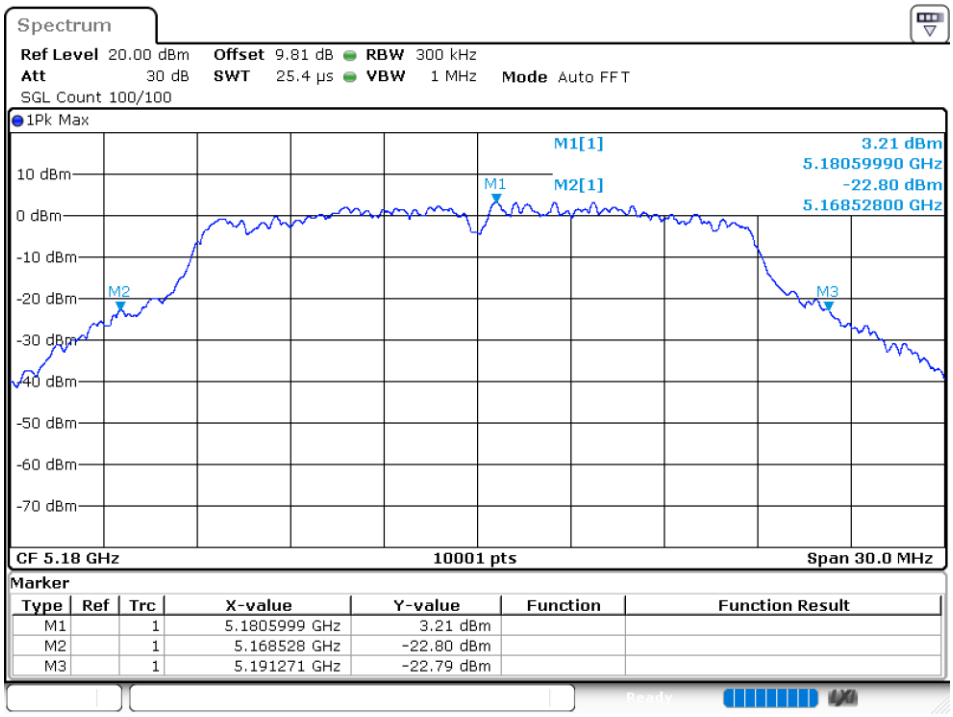
-26dB Bandwidth NVNT n40 5190MHz Ant2



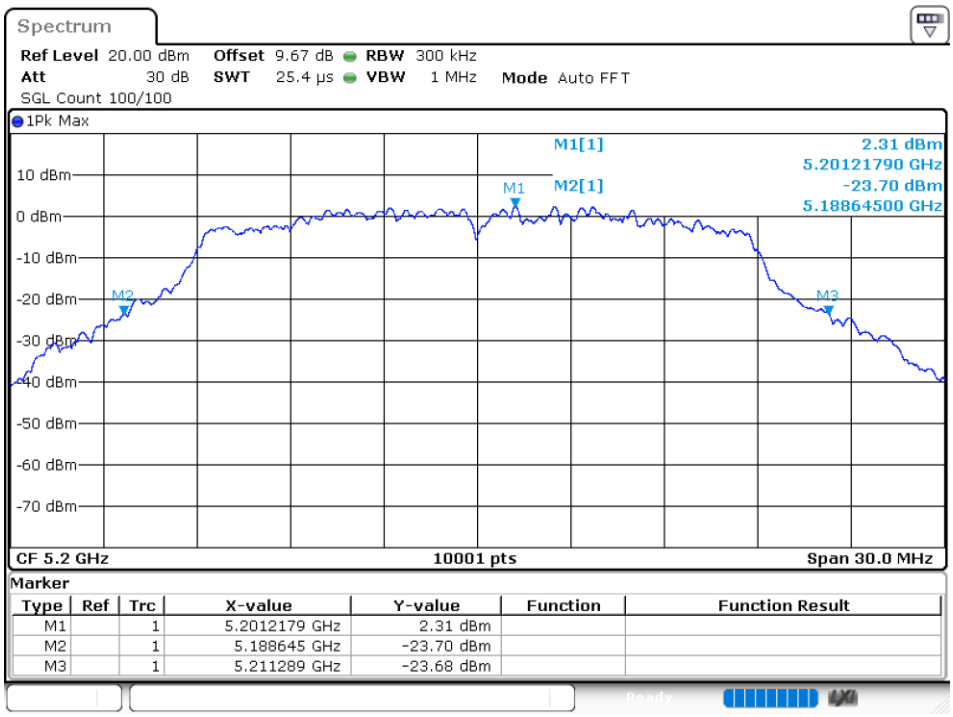
-26dB Bandwidth NVNT n40 5230MHz Ant2



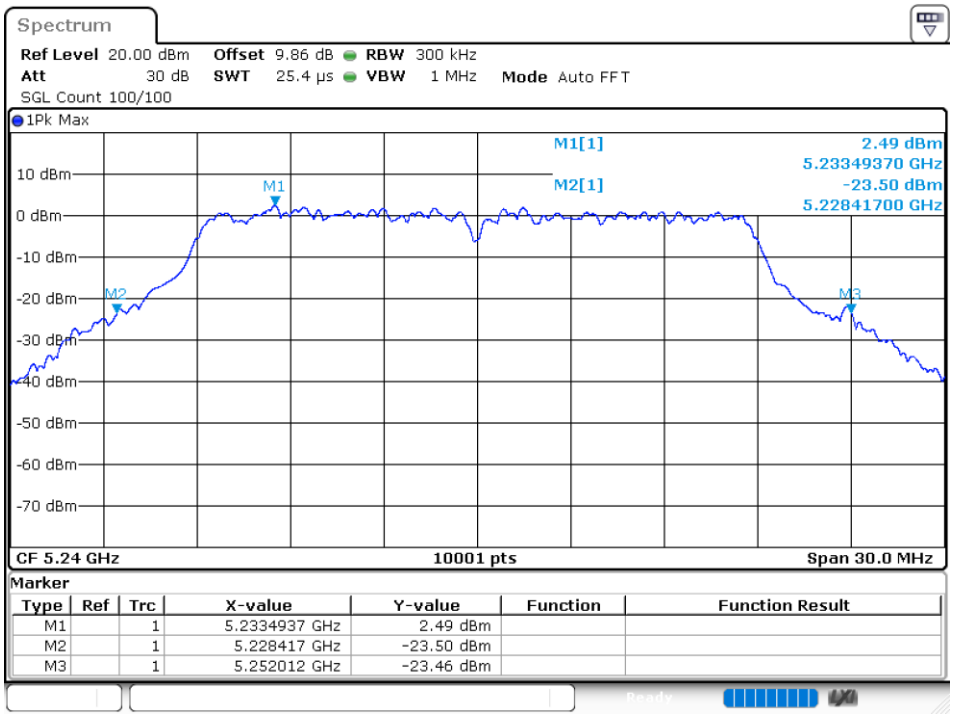
-26dB Bandwidth NVNT ac20 5180MHz Ant1



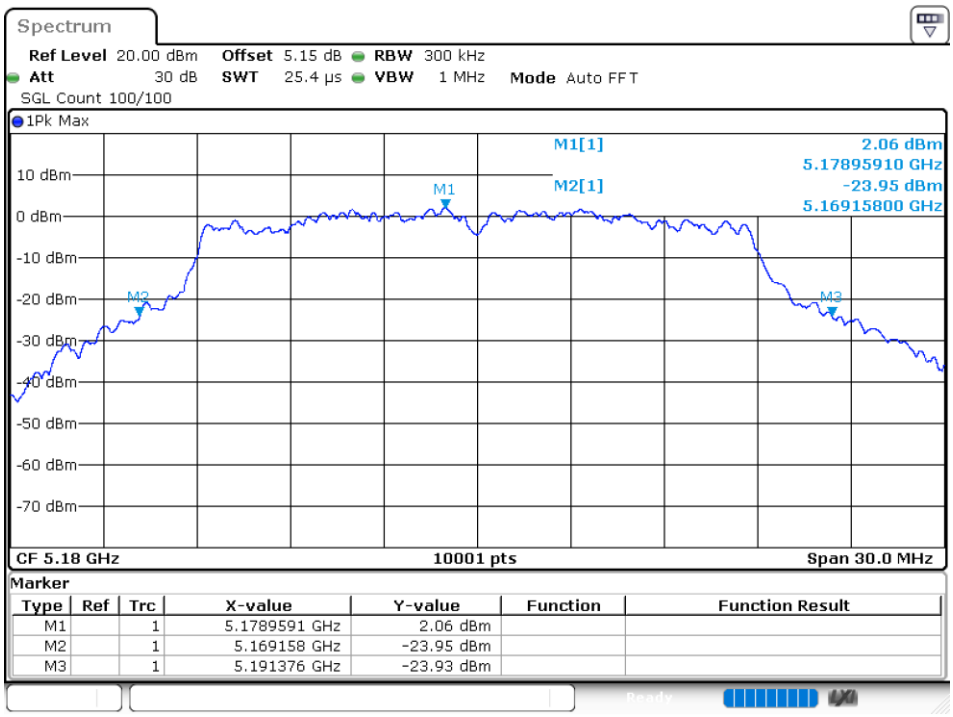
-26dB Bandwidth NVNT ac20 5200MHz Ant1



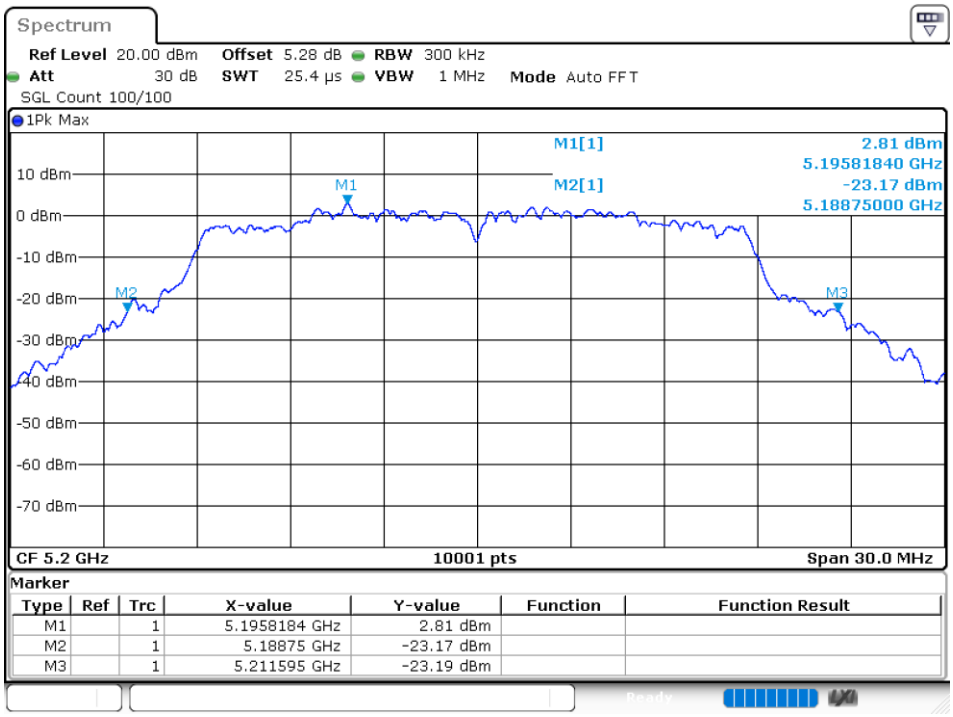
-26dB Bandwidth NVNT ac20 5240MHz Ant1



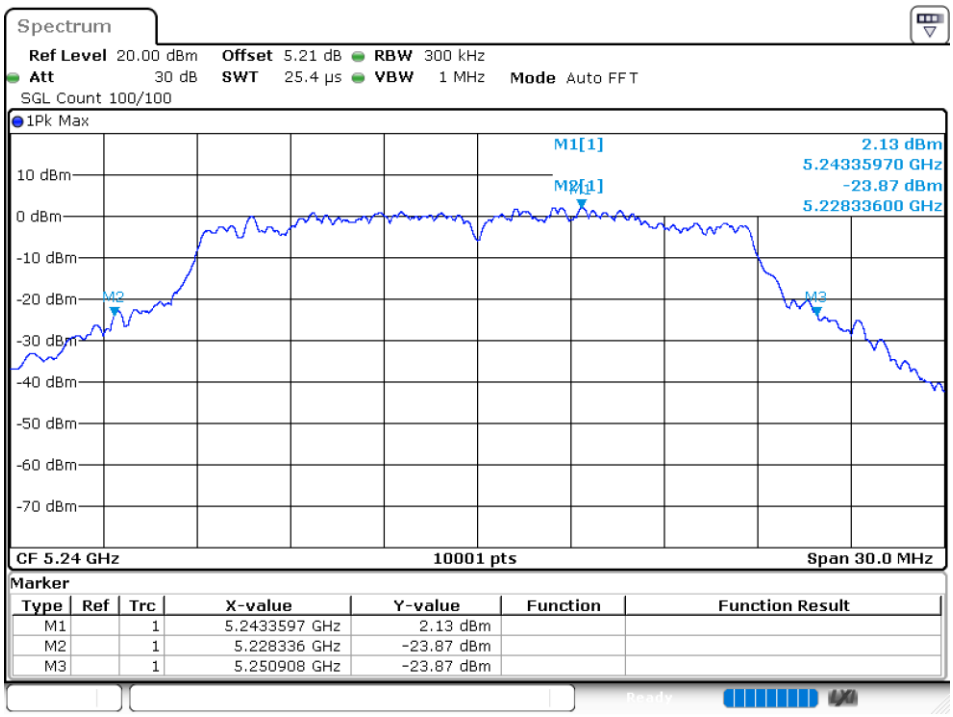
-26dB Bandwidth NVNT ac20 5180MHz Ant2



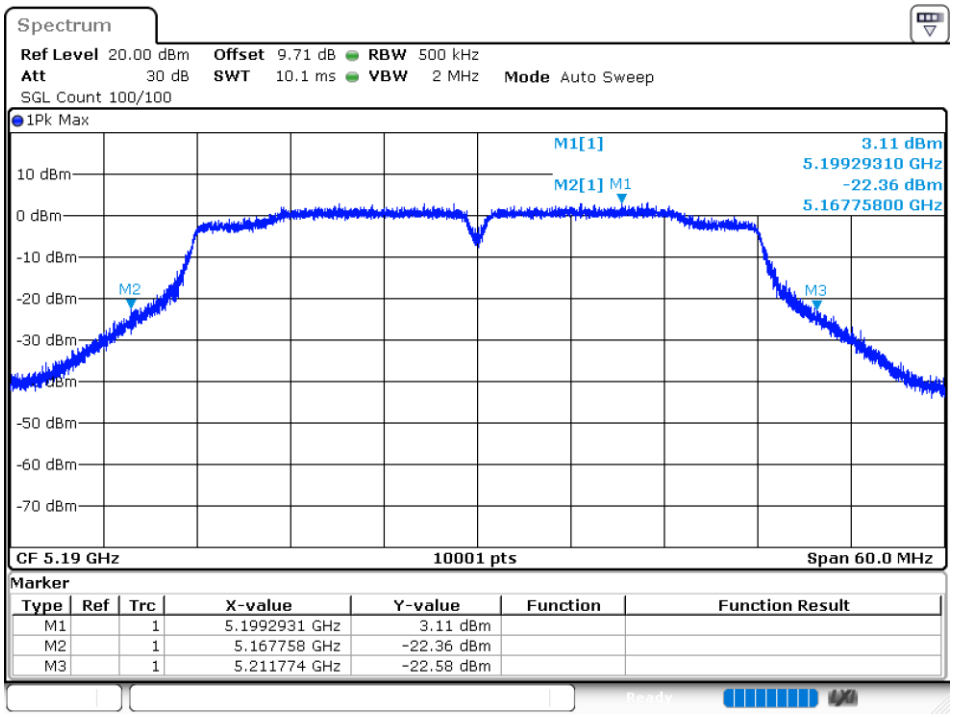
-26dB Bandwidth NVNT ac20 5200MHz Ant2



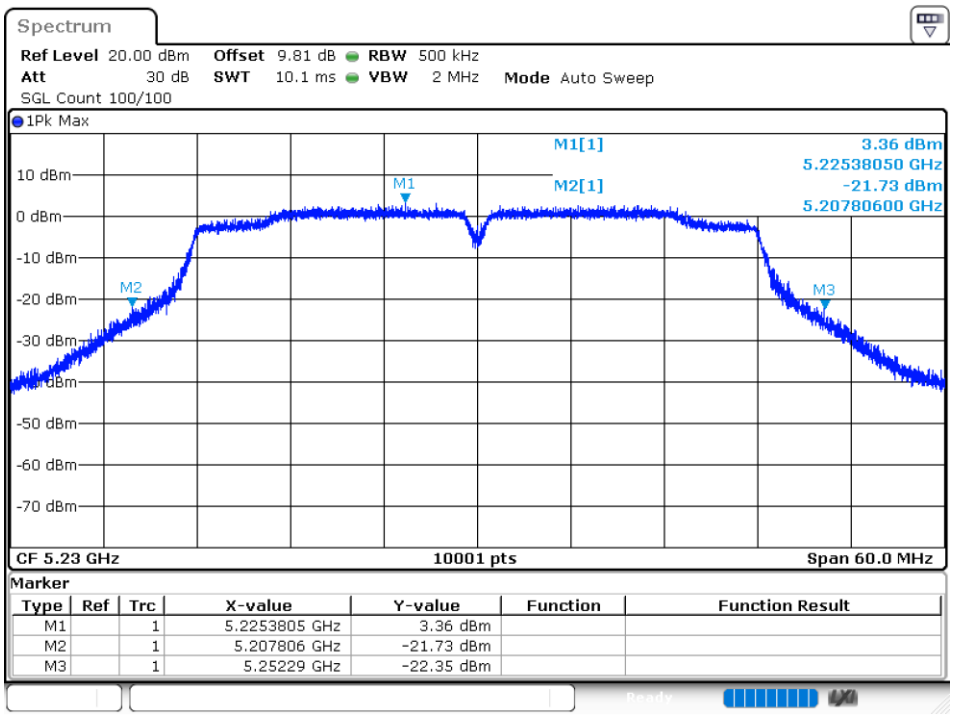
-26dB Bandwidth NVNT ac20 5240MHz Ant2



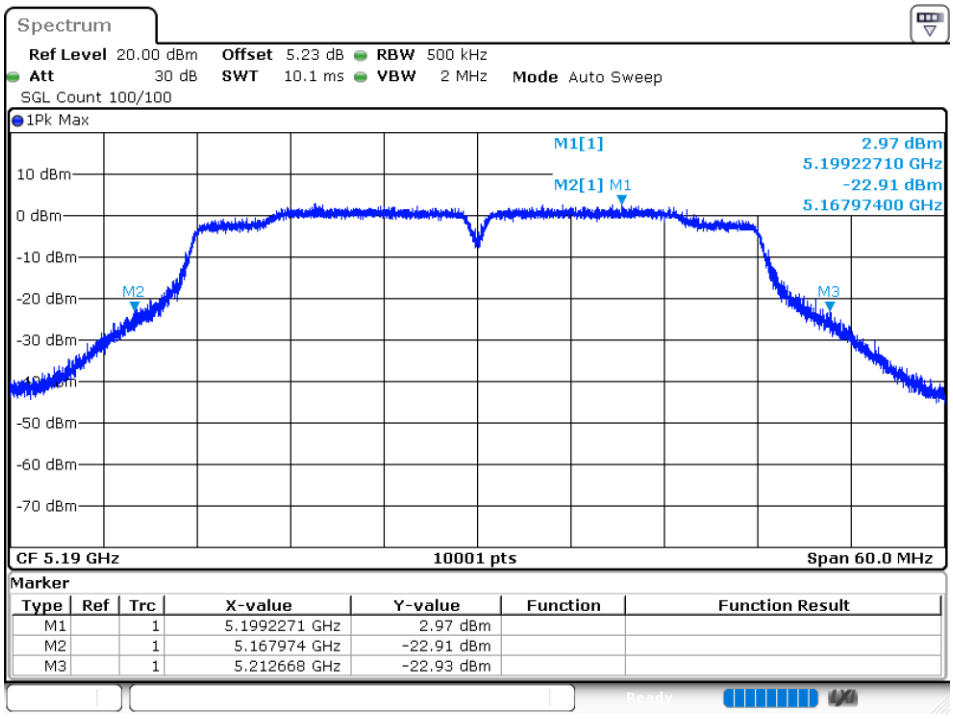
-26dB Bandwidth NVNT ac40 5190MHz Ant1



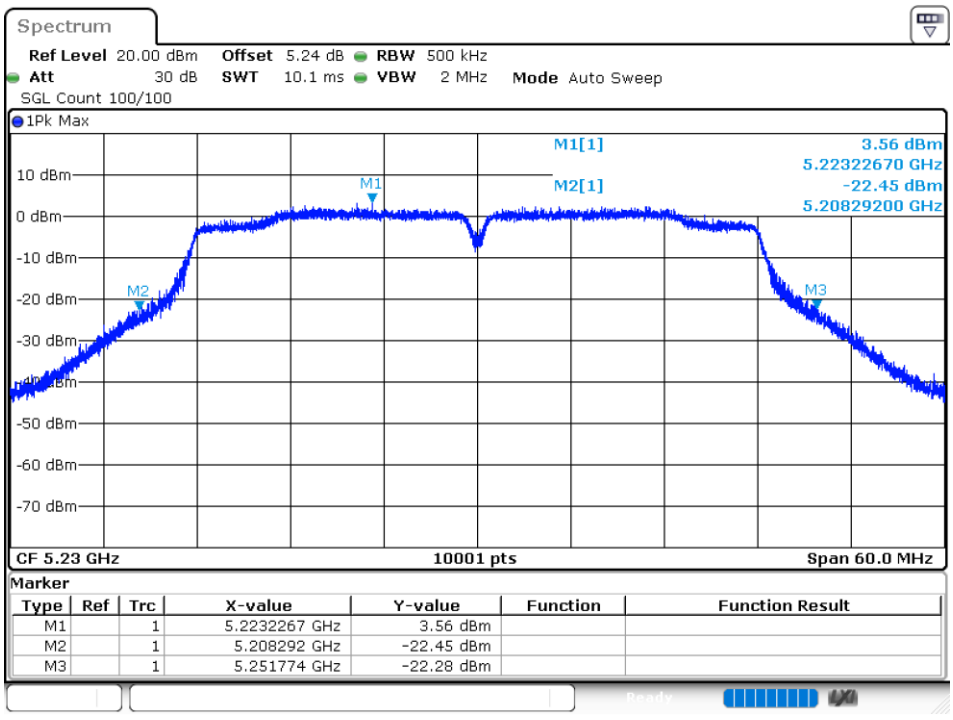
-26dB Bandwidth NVNT ac40 5230MHz Ant1



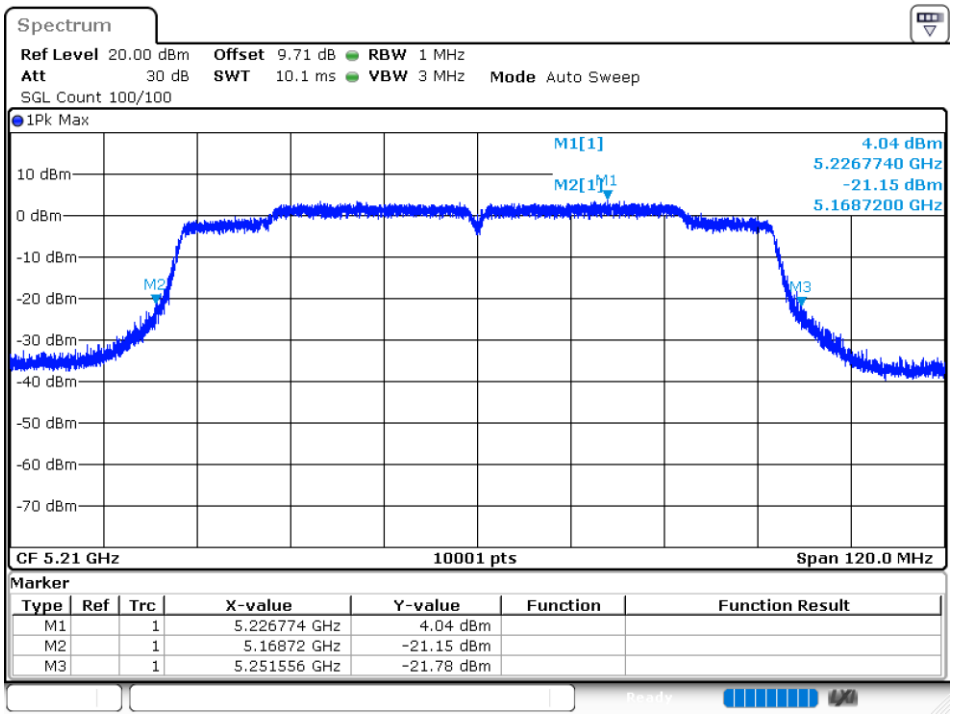
-26dB Bandwidth NVNT ac40 5190MHz Ant2



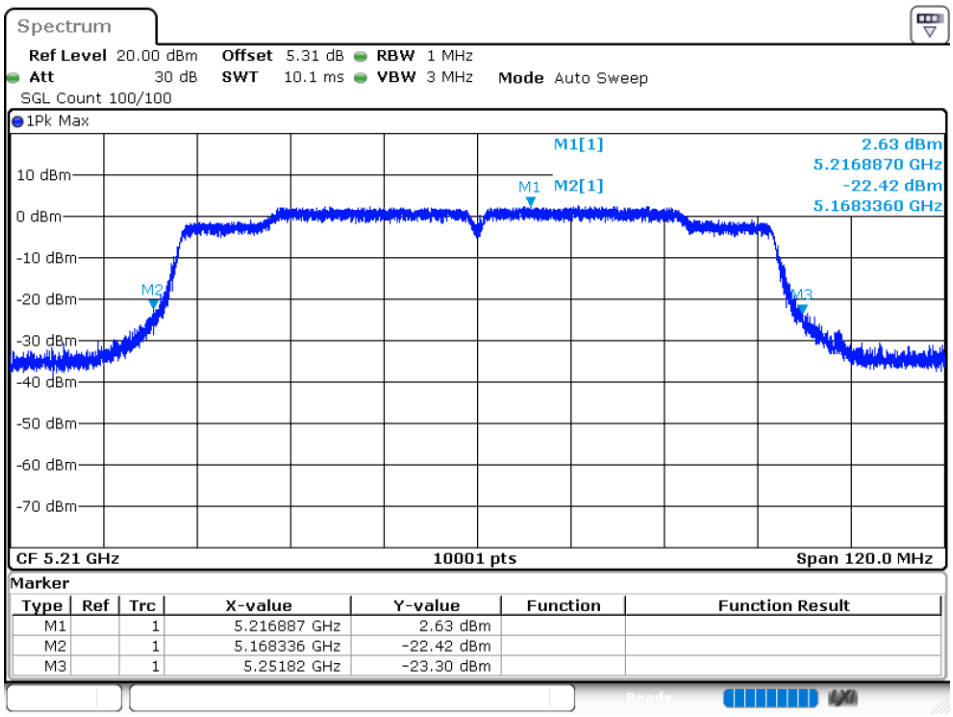
-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant1



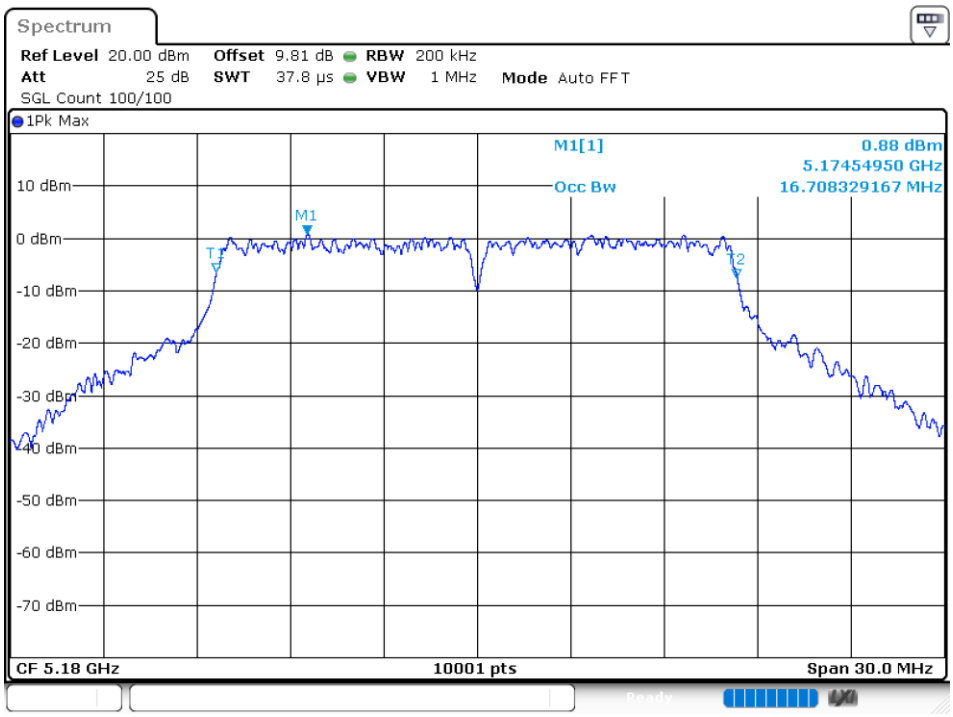
-26dB Bandwidth NVNT ac80 5210MHz Ant2



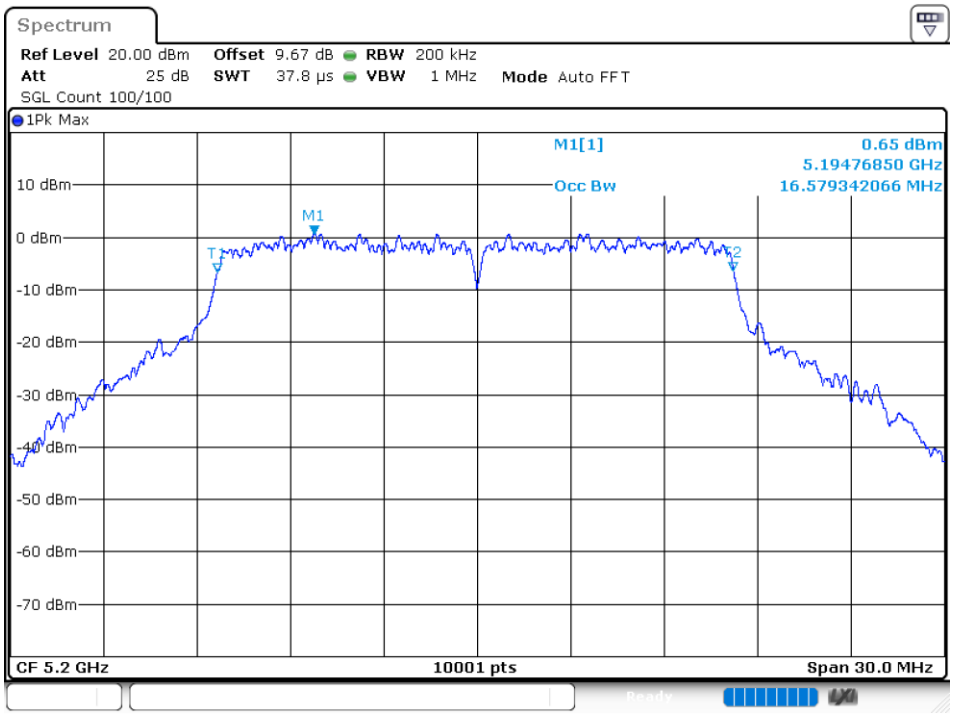
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.708
NVNT	a	5200	Ant1	16.579
NVNT	a	5240	Ant1	16.816
NVNT	a	5180	Ant2	16.813
NVNT	a	5200	Ant2	16.495
NVNT	a	5240	Ant2	16.705
NVNT	n20	5180	Ant1	17.824
NVNT	n20	5200	Ant1	17.713
NVNT	n20	5240	Ant1	17.905
NVNT	n20	5180	Ant2	17.674
NVNT	n20	5200	Ant2	17.644
NVNT	n20	5240	Ant2	17.725
NVNT	n40	5190	Ant1	36.062
NVNT	n40	5230	Ant1	36.056
NVNT	n40	5190	Ant2	36.074
NVNT	n40	5230	Ant2	36.128
NVNT	ac20	5180	Ant1	17.614
NVNT	ac20	5200	Ant1	17.662
NVNT	ac20	5240	Ant1	17.851
NVNT	ac20	5180	Ant2	17.617
NVNT	ac20	5200	Ant2	17.632
NVNT	ac20	5240	Ant2	17.599
NVNT	ac40	5190	Ant1	36.062
NVNT	ac40	5230	Ant1	36.062
NVNT	ac40	5190	Ant2	36.068
NVNT	ac40	5230	Ant2	36.08
NVNT	ac80	5210	Ant1	75.016
NVNT	ac80	5210	Ant2	75.172

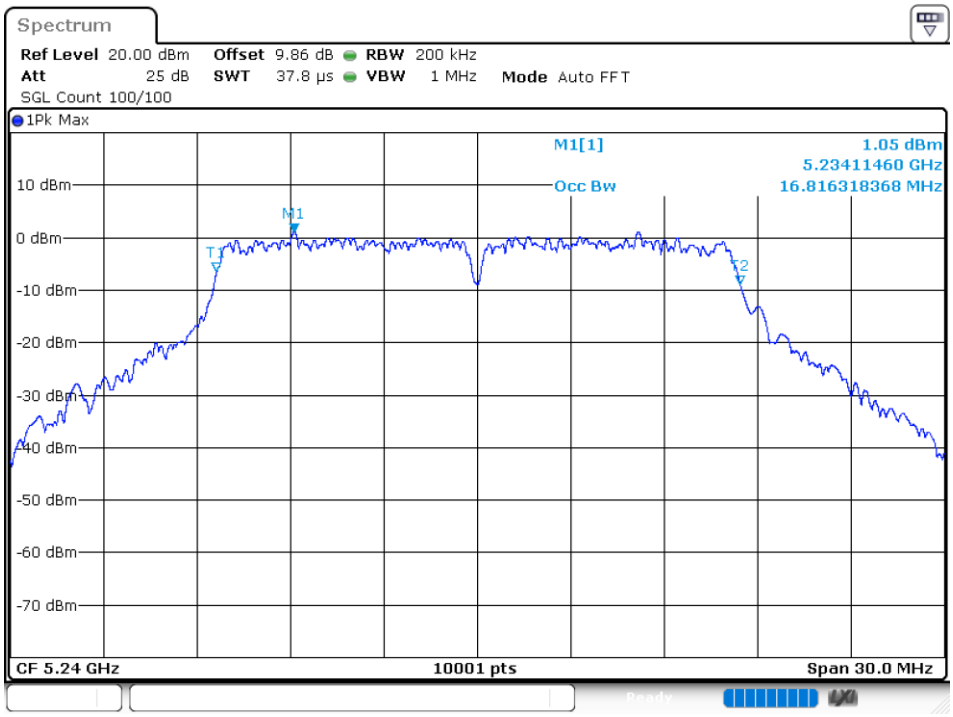
Test Graphs
OBW NVNT a 5180MHz Ant1



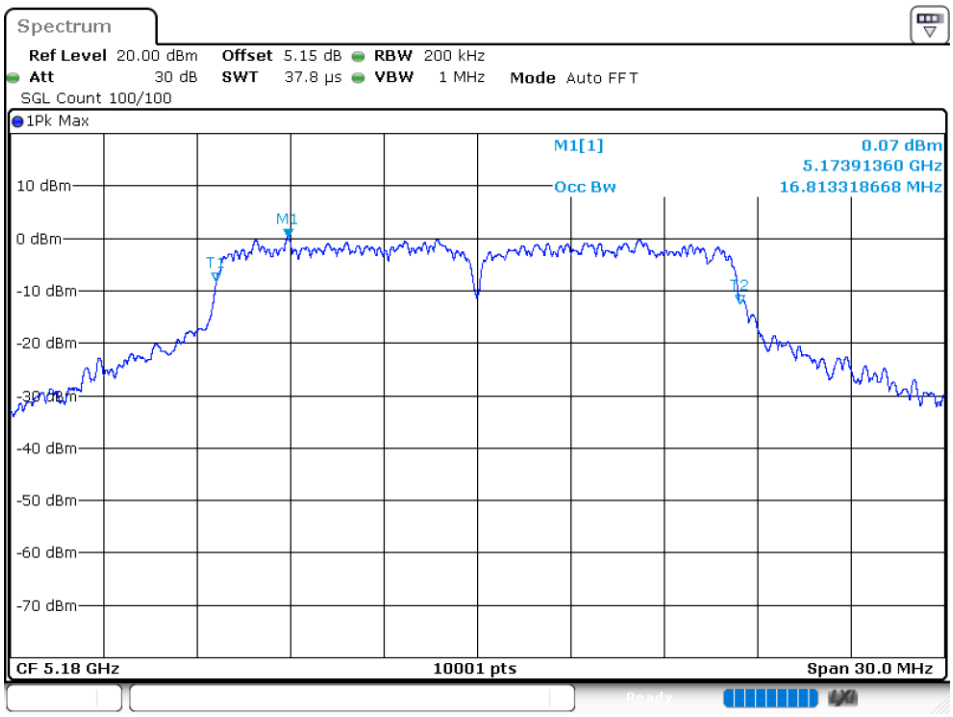
OBW NVNT a 5200MHz Ant1



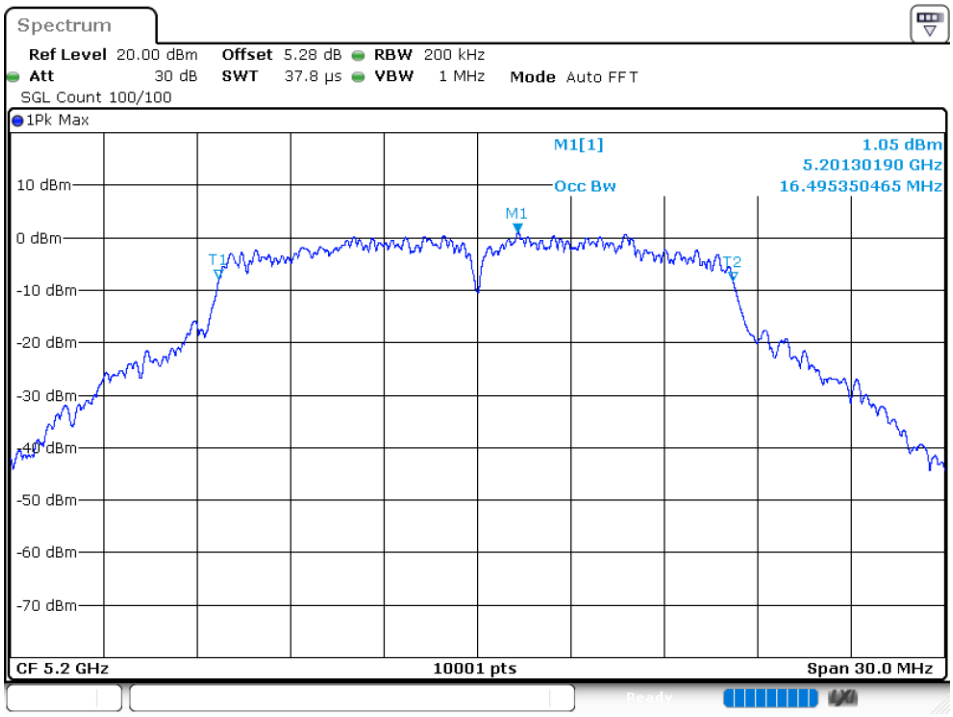
OBW NVNT a 5240MHz Ant1



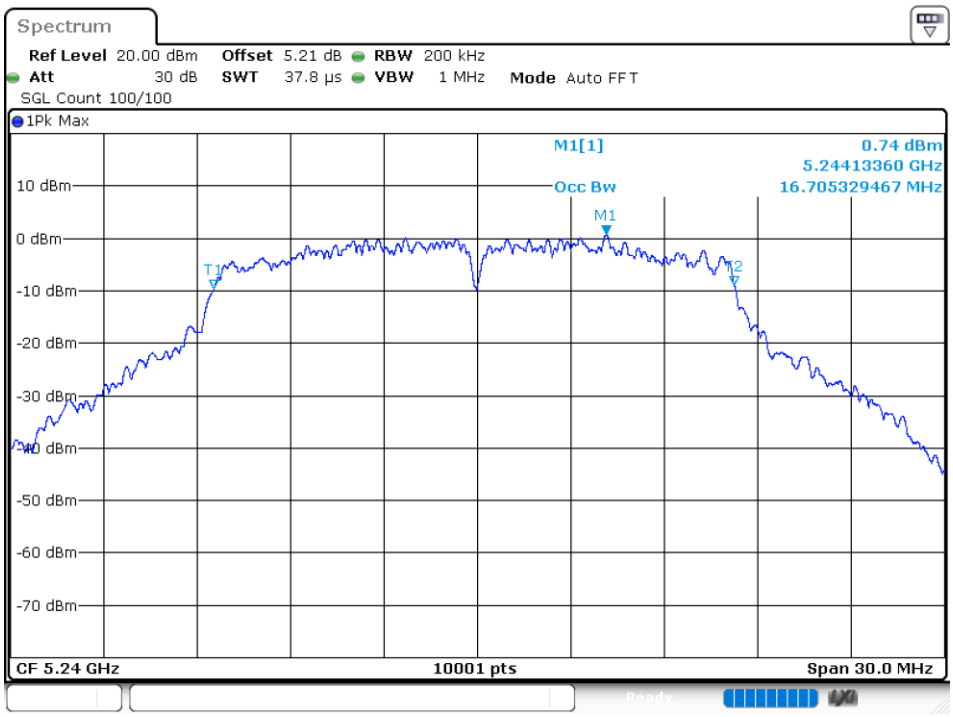
OBW NVNT a 5180MHz Ant2



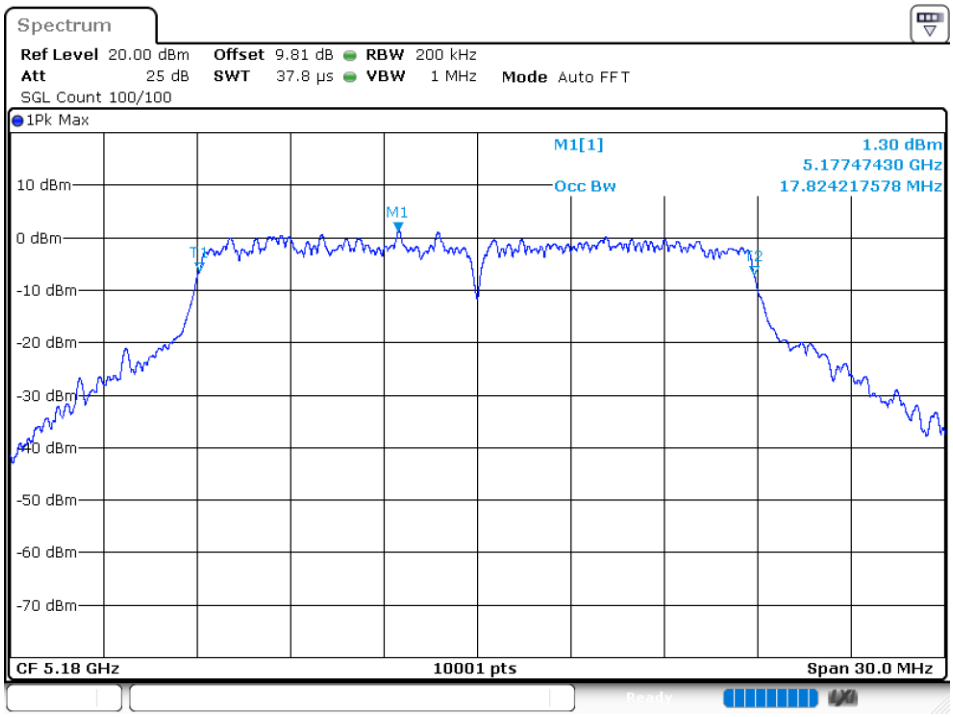
OBW NVNT a 5200MHz Ant2



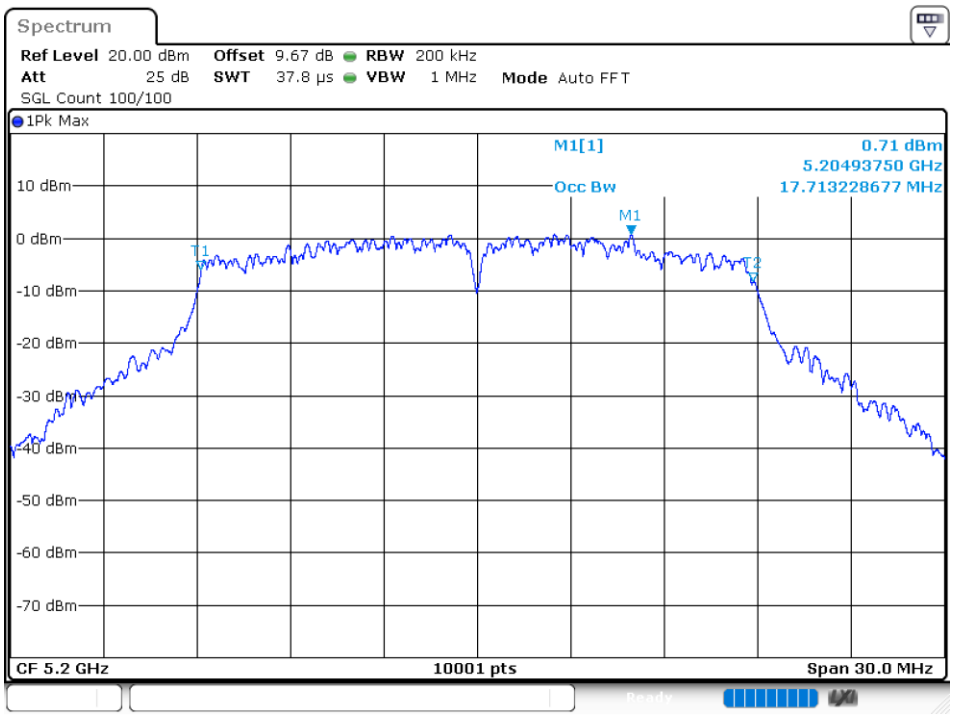
OBW NVNT a 5240MHz Ant2



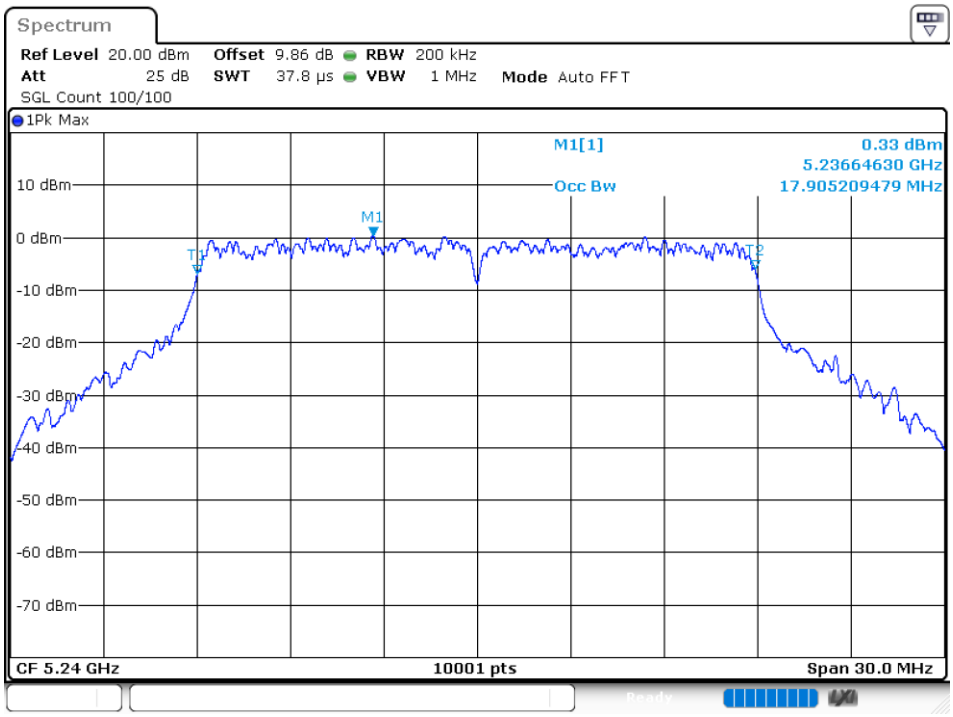
OBW NVNT n20 5180MHz Ant1



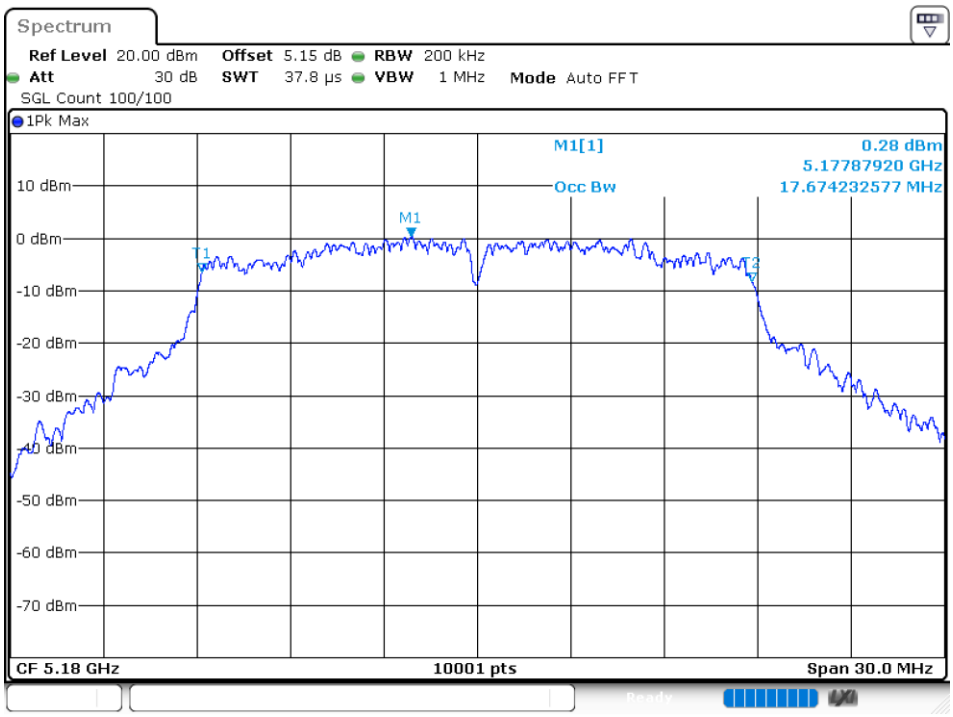
OBW NVNT n20 5200MHz Ant1



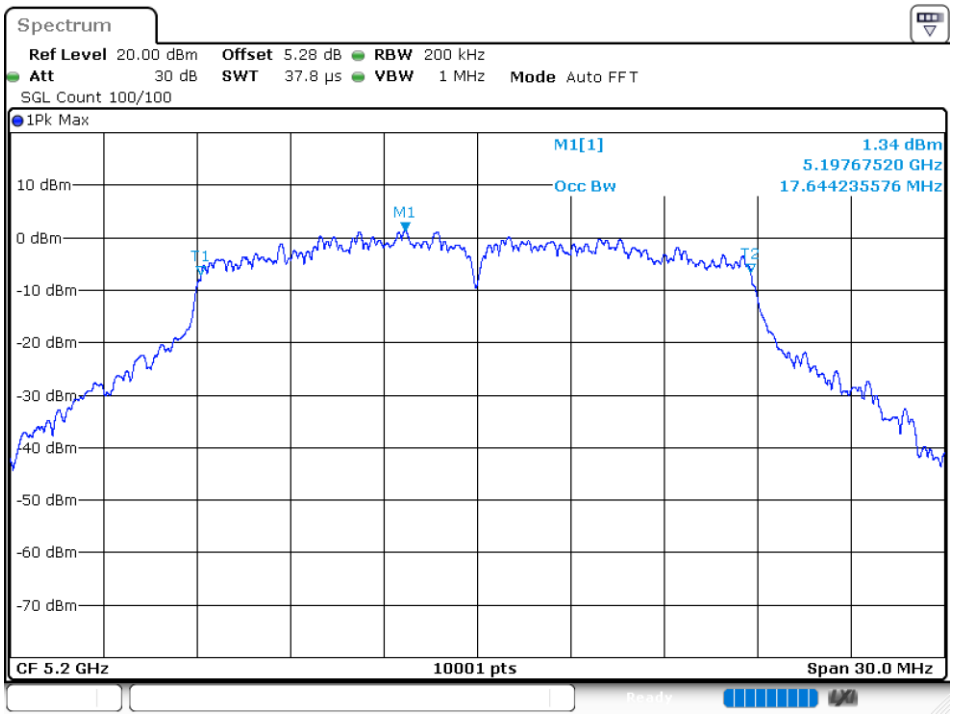
OBW NVNT n20 5240MHz Ant1



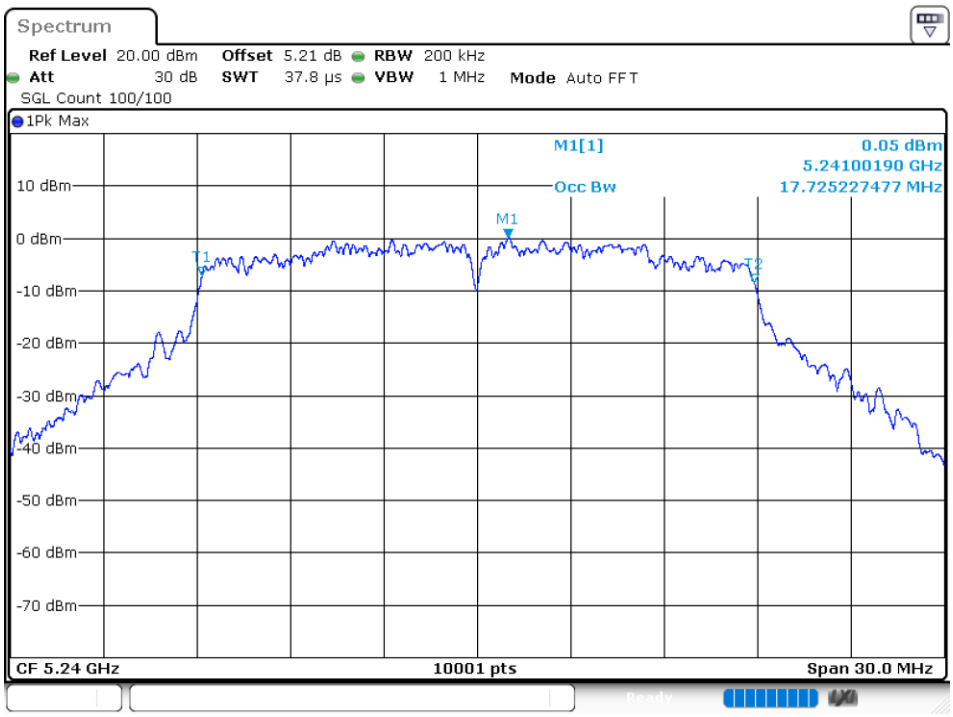
OBW NVNT n20 5180MHz Ant2



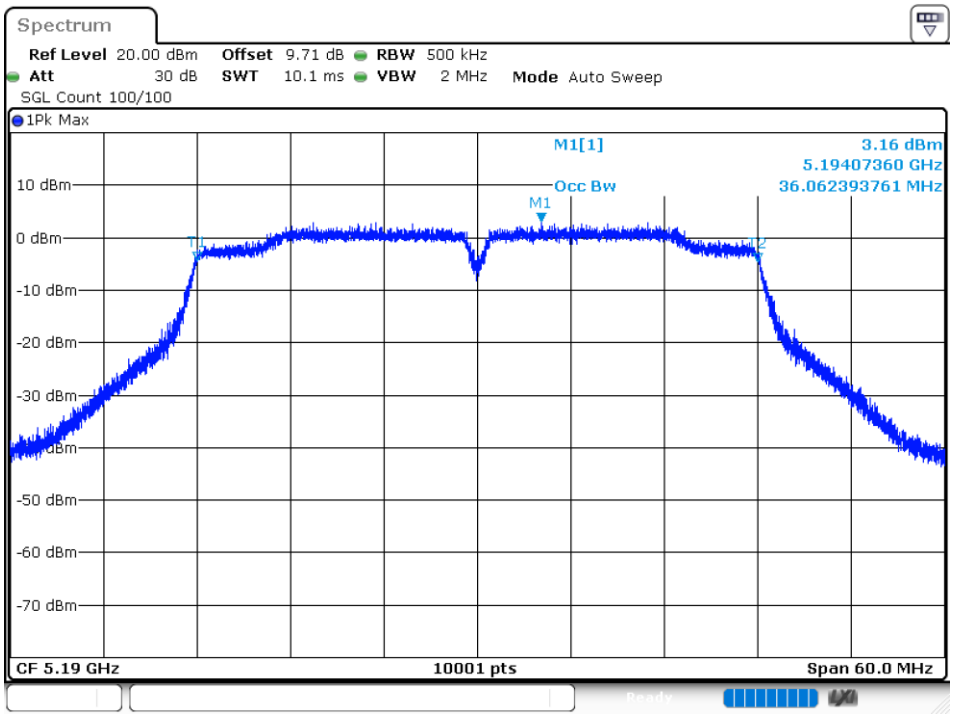
OBW NVNT n20 5200MHz Ant2



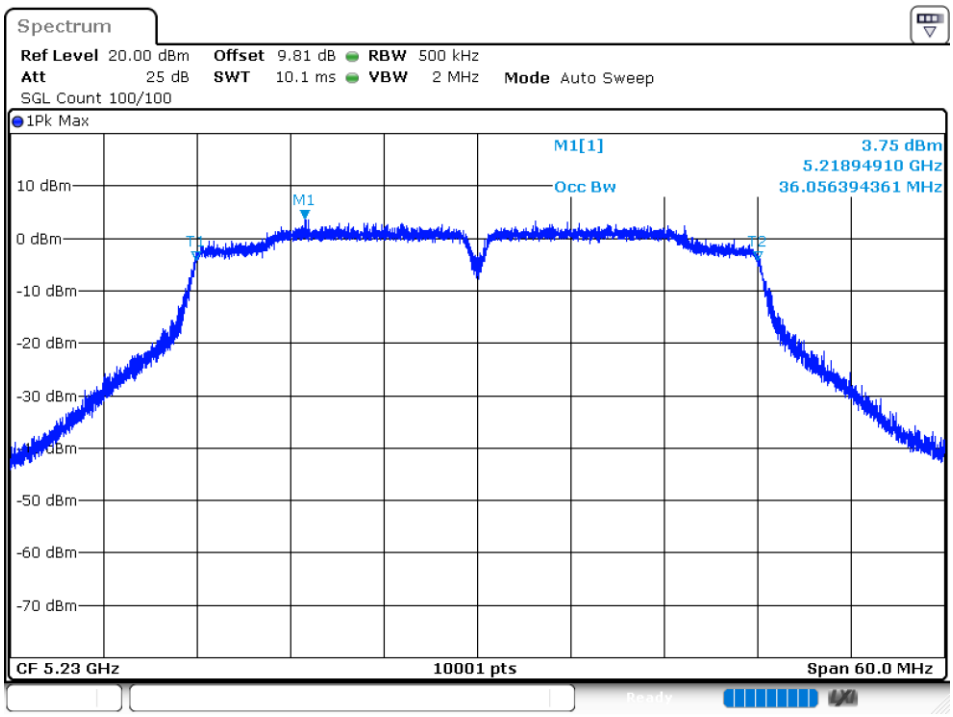
OBW NVNT n20 5240MHz Ant2



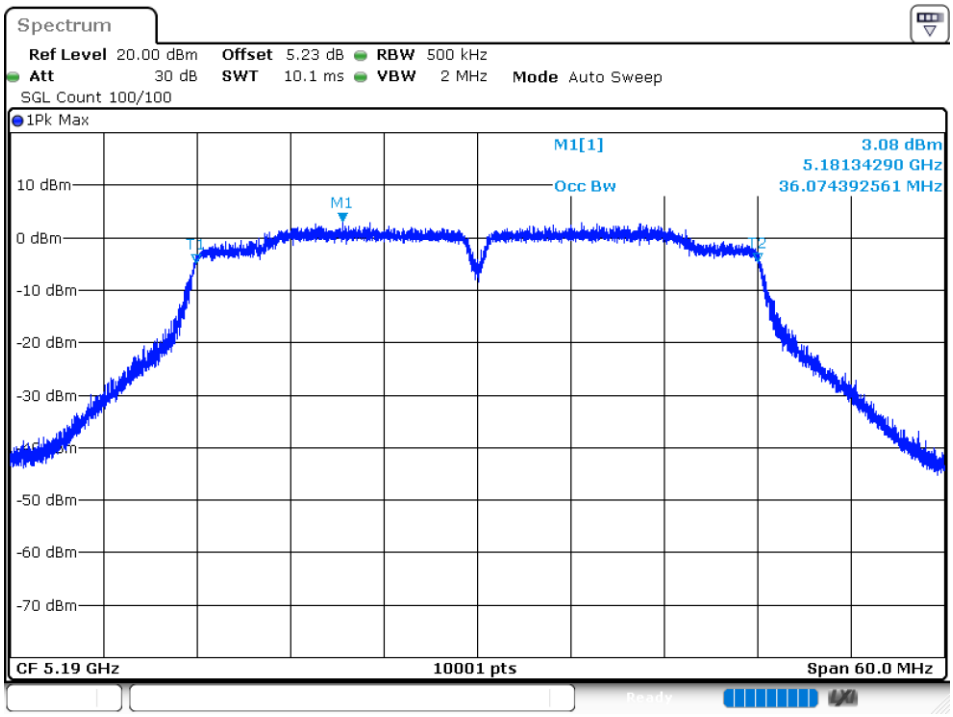
OBW NVNT n40 5190MHz Ant1



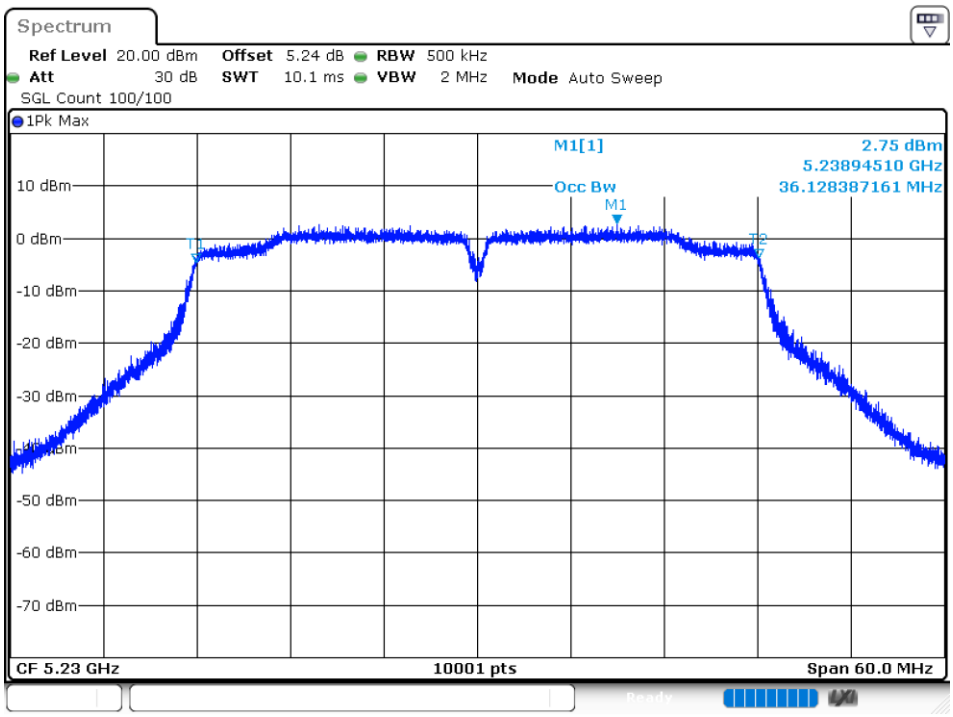
OBW NVNT n40 5230MHz Ant1



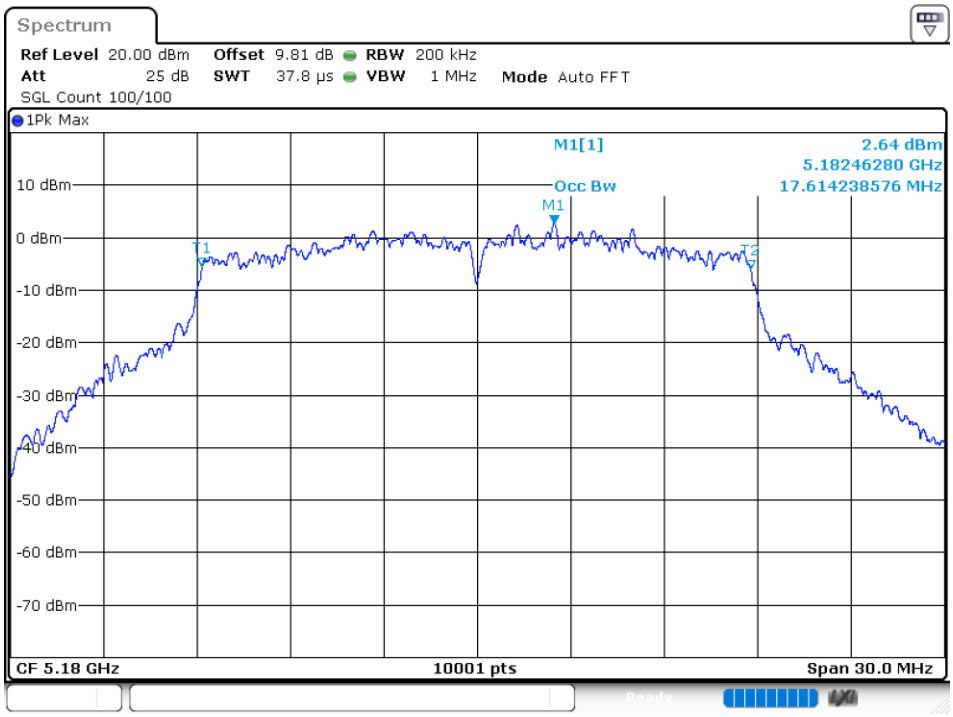
OBW NVNT n40 5190MHz Ant2



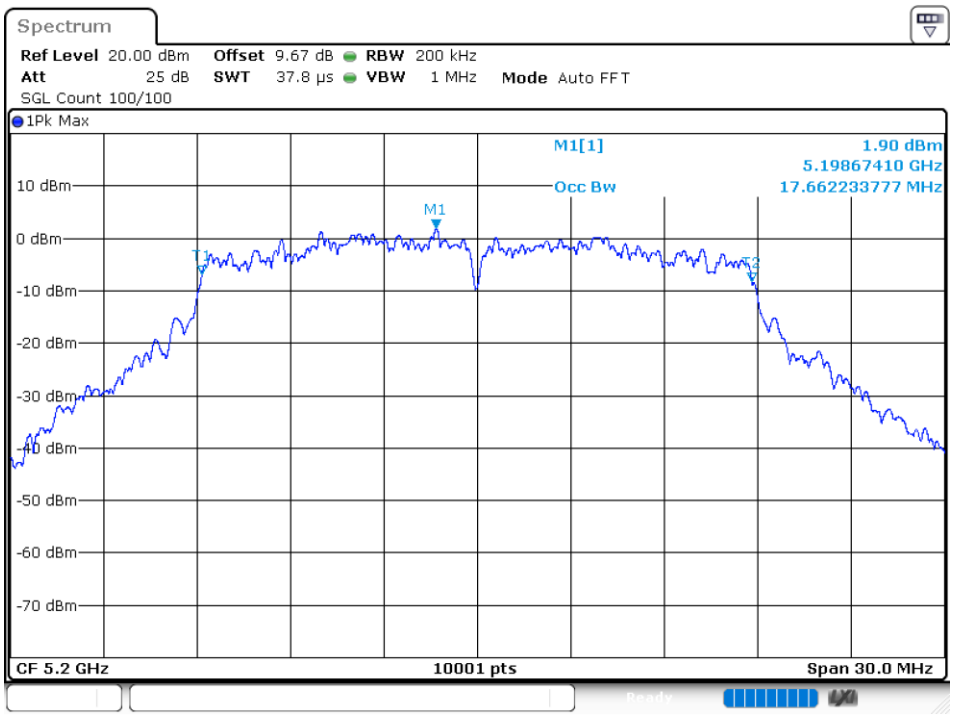
OBW NVNT n40 5230MHz Ant2



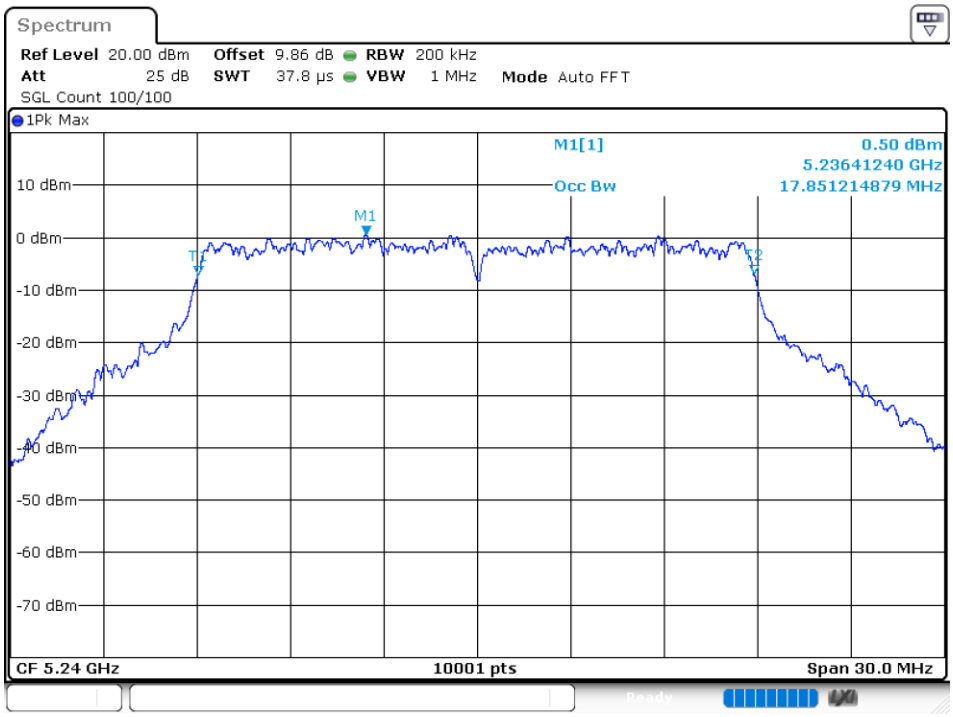
OBW NVNT ac20 5180MHz Ant1



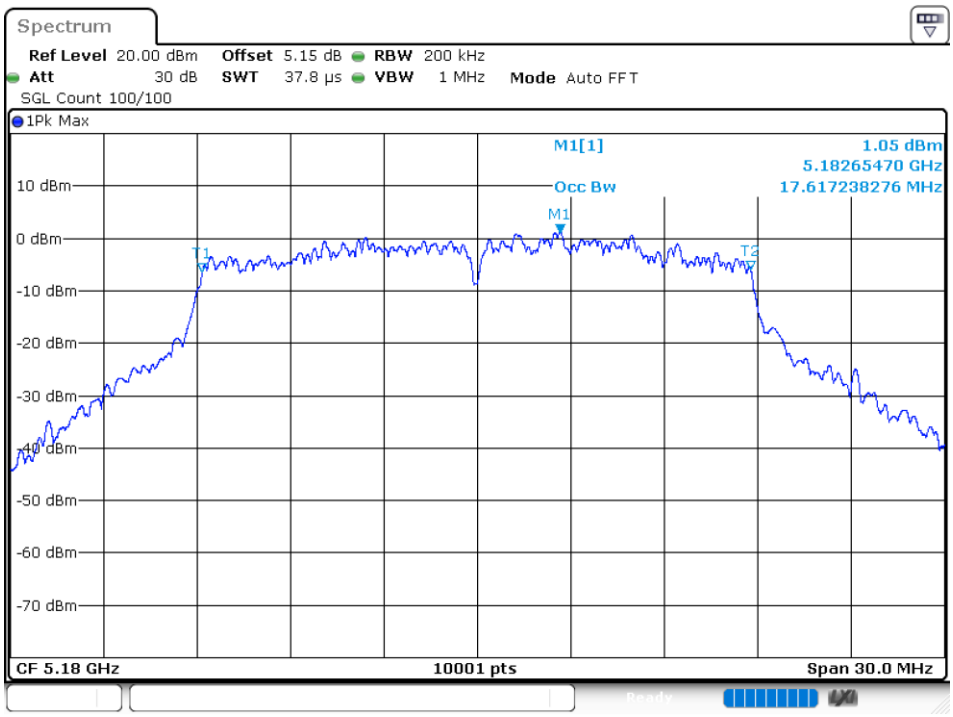
OBW NVNT ac20 5200MHz Ant1



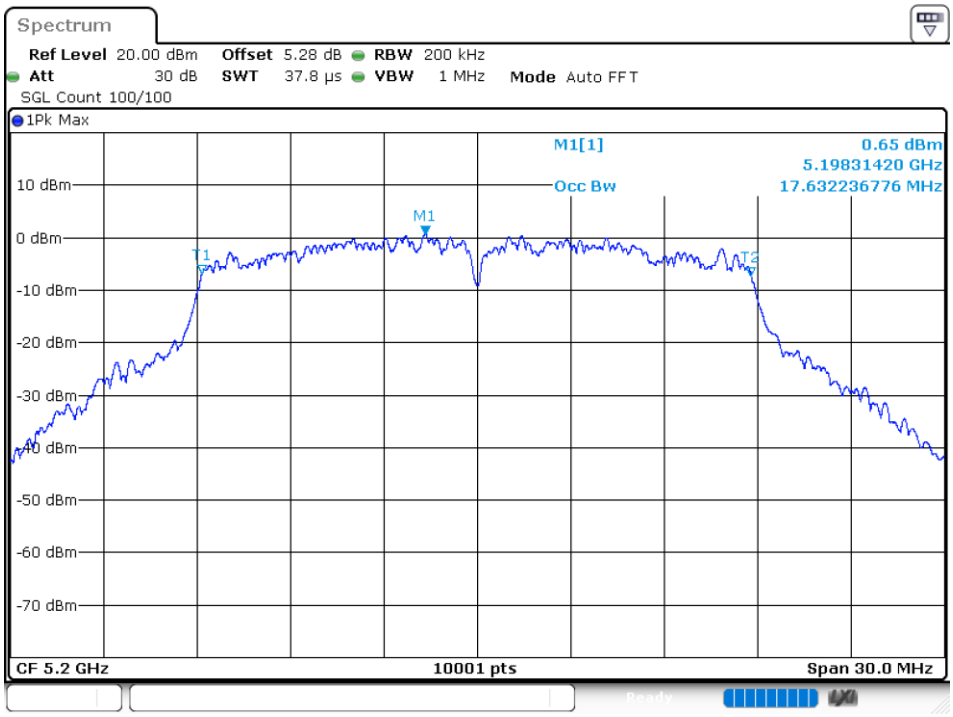
OBW NVNT ac20 5240MHz Ant1



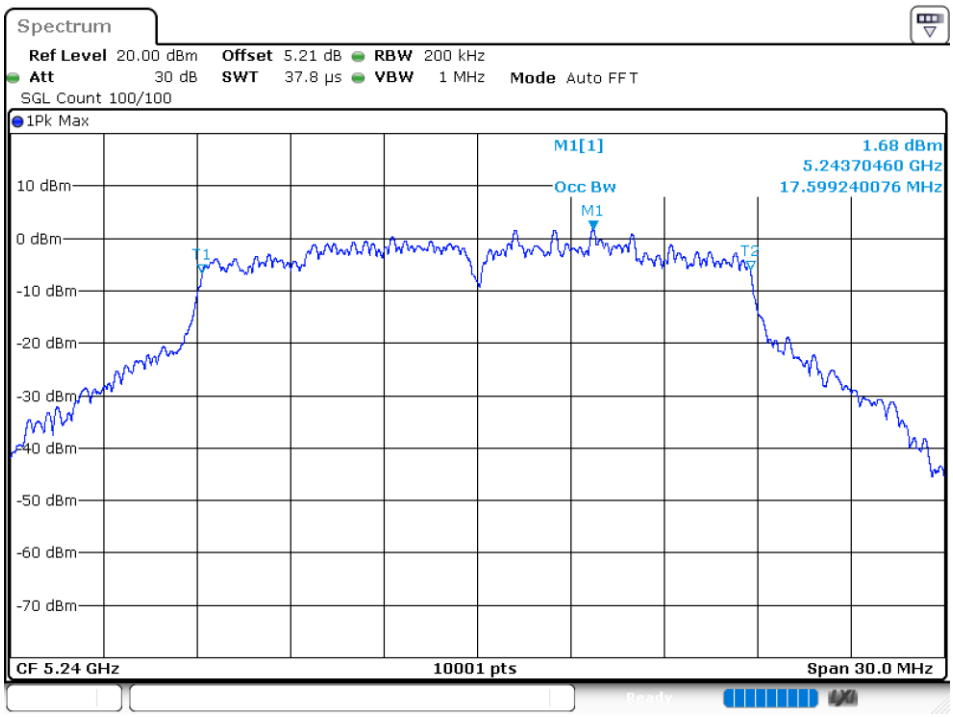
OBW NVNT ac20 5180MHz Ant2



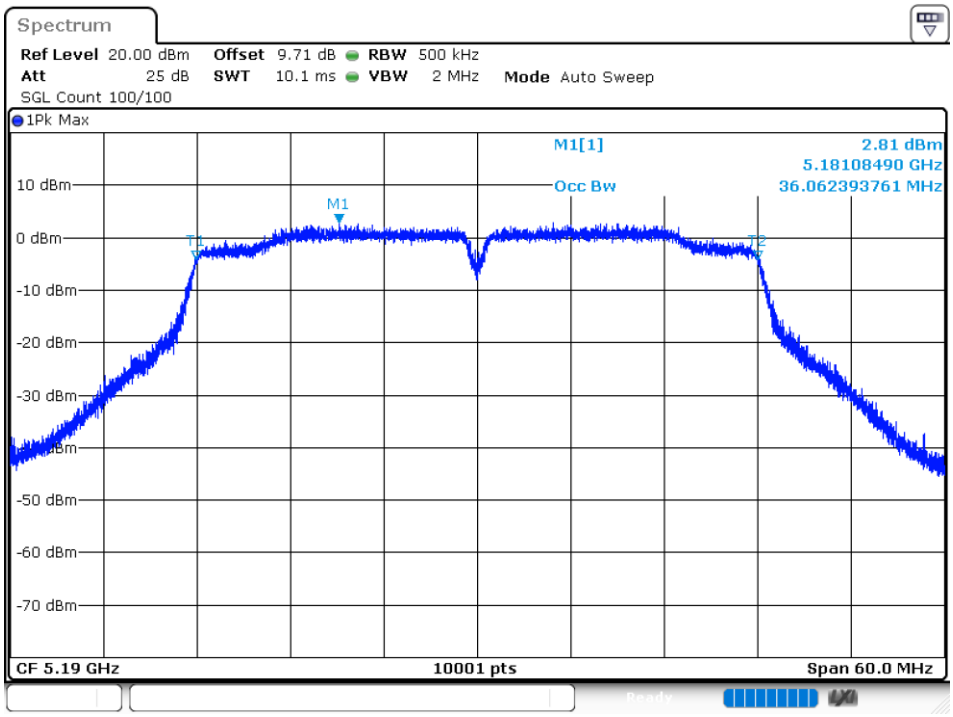
OBW NVNT ac20 5200MHz Ant2



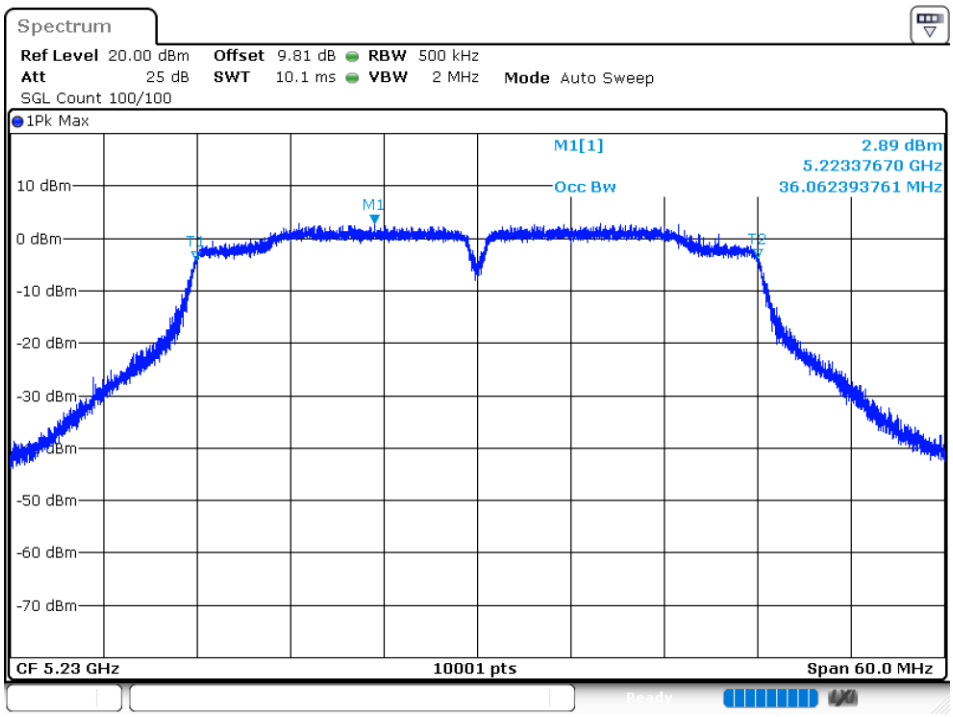
OBW NVNT ac20 5240MHz Ant2



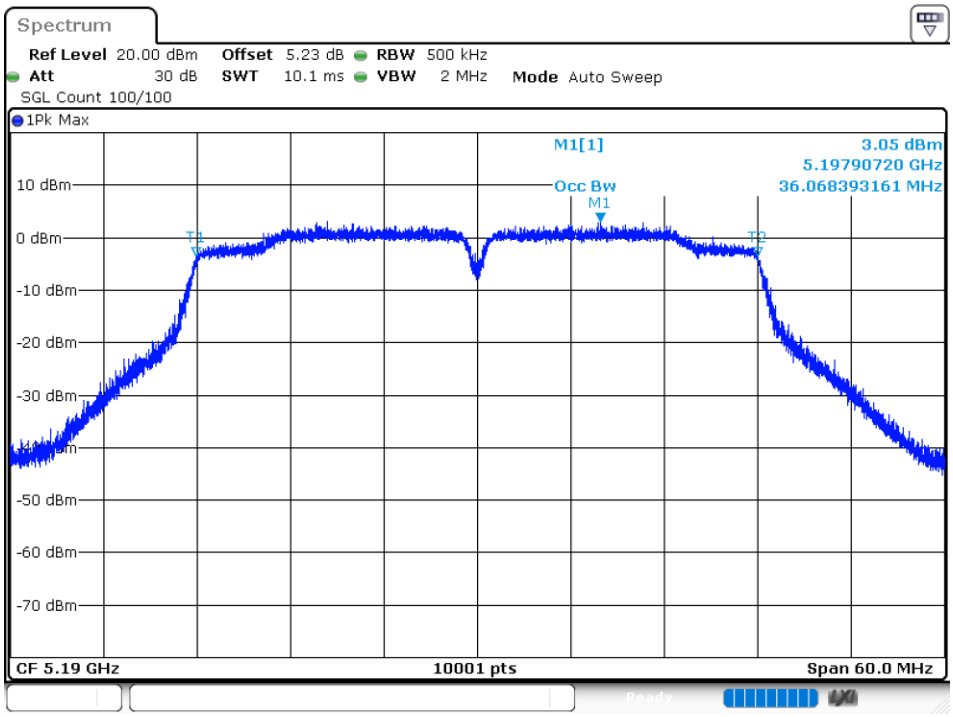
OBW NVNT ac40 5190MHz Ant1



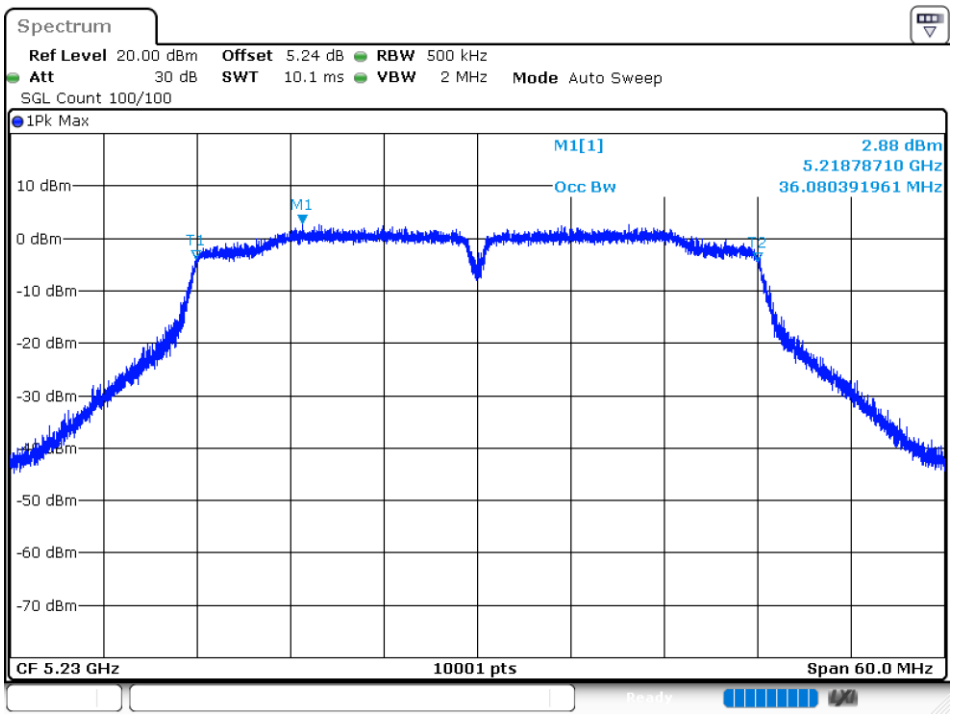
OBW NVNT ac40 5230MHz Ant1



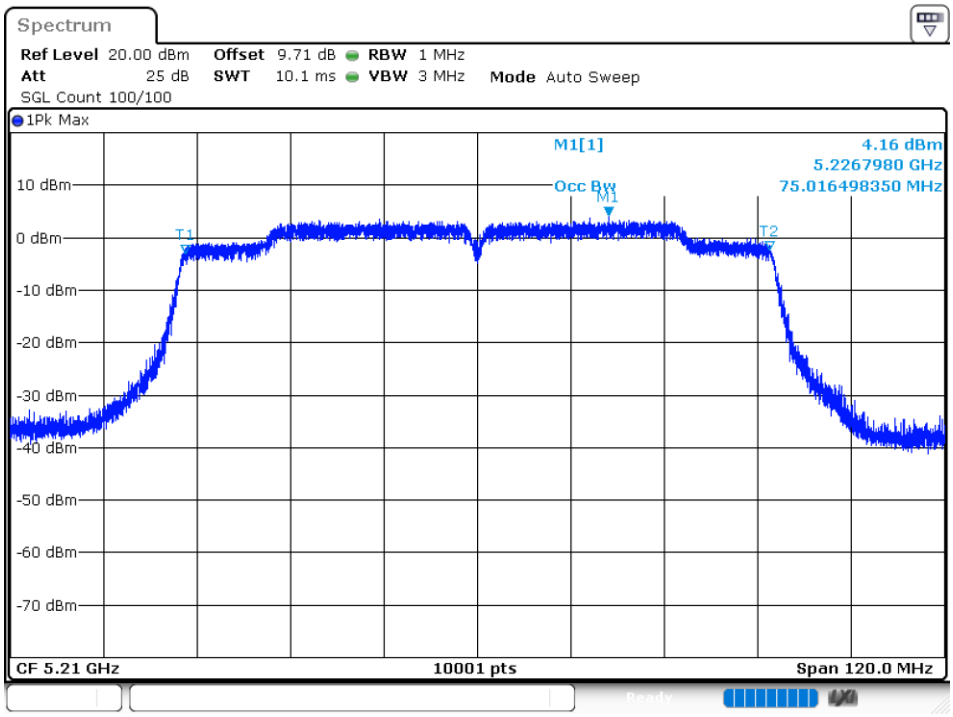
OBW NVNT ac40 5190MHz Ant2



OBW NVNT ac40 5230MHz Ant2



OBW NVNT ac80 5210MHz Ant1



OBW NVNT ac80 5210MHz Ant2