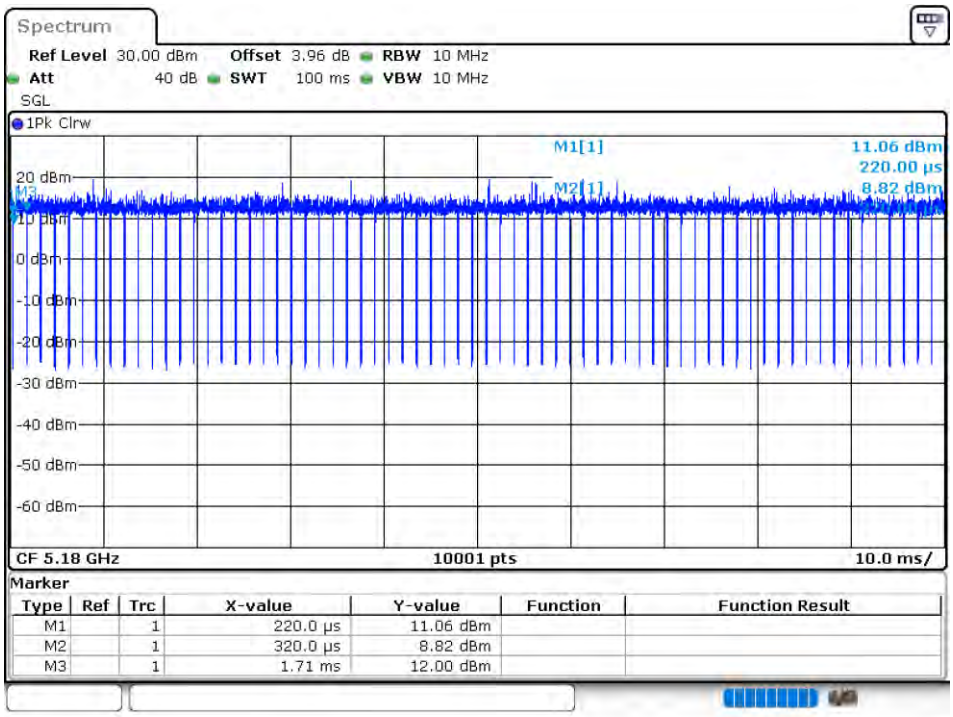
WIFI 5.2G

Duty Cycle

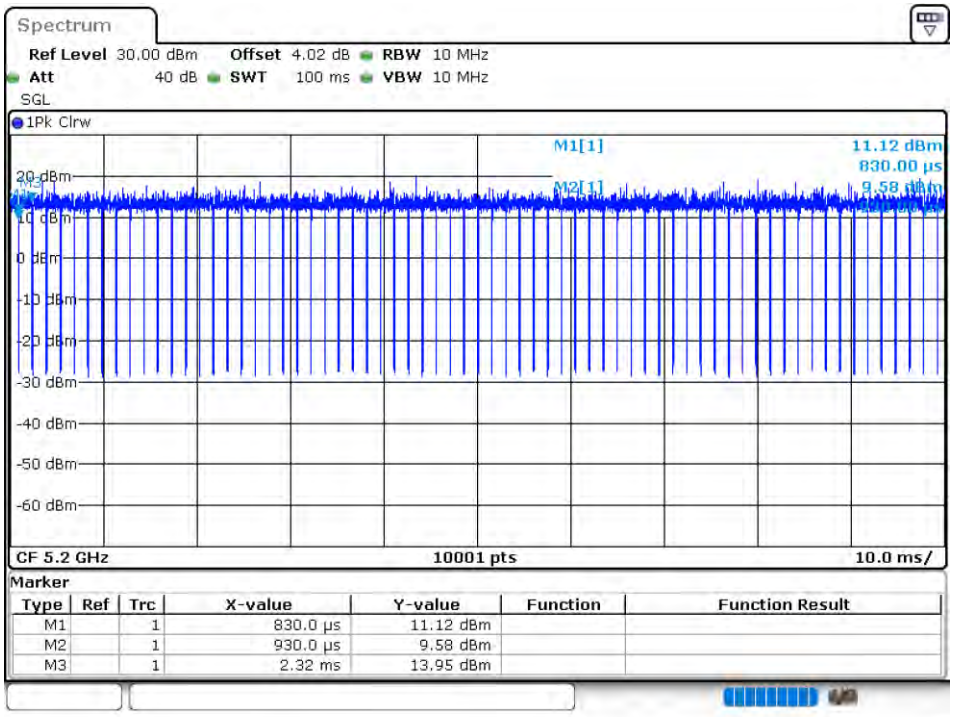
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	93.97	0.27	0.72
NVNT	a	5200	Ant1	93.97	0.27	0.72
NVNT	a	5240	Ant1	93.97	0.27	0.72
NVNT	a	5180	Ant2	93.93	0.27	0.72
NVNT	a	5200	Ant2	93.97	0.27	0.72
NVNT	a	5240	Ant2	93.97	0.27	0.72
NVNT	n20	5180	Ant1	93.7	0.28	0.77
NVNT	n20	5200	Ant1	93.67	0.28	0.77
NVNT	n20	5240	Ant1	93.66	0.28	0.77
NVNT	n20	5180	Ant2	93.67	0.28	0.77
NVNT	n20	5200	Ant2	93.75	0.28	0.77
NVNT	n20	5240	Ant2	93.67	0.28	0.77
NVNT	n40	5190	Ant1	88.12	0.55	1.56
NVNT	n40	5230	Ant1	88.12	0.55	1.54
NVNT	n40	5190	Ant2	88.12	0.55	1.54
NVNT	n40	5230	Ant2	88.12	0.55	1.56
NVNT	ac20	5180	Ant1	93.72	0.28	0.76
NVNT	ac20	5200	Ant1	93.75	0.28	0.77
NVNT	ac20	5240	Ant1	93.75	0.28	0.77
NVNT	ac20	5180	Ant2	93.76	0.28	0.76
NVNT	ac20	5200	Ant2	93.72	0.28	0.76
NVNT	ac20	5240	Ant2	93.75	0.28	0.76
NVNT	ac40	5190	Ant1	88.03	0.55	1.54
NVNT	ac40	5230	Ant1	88.03	0.55	1.54
NVNT	ac40	5190	Ant2	87.94	0.56	1.54
NVNT	ac40	5230	Ant2	89.06	0.5	1.54
NVNT	ac80	5210	Ant1	79.14	1.02	3.13
NVNT	ac80	5210	Ant2	79.25	1.01	3.13
NVNT	ax20	5180	Ant1	92.14	0.36	0.99
NVNT	ax20	5200	Ant1	92.18	0.35	0.98
NVNT	ax20	5240	Ant1	92.17	0.35	0.99
NVNT	ax20	5180	Ant2	92.15	0.36	0.98
NVNT	ax20	5200	Ant2	92.15	0.36	0.99
NVNT	ax20	5240	Ant2	92.11	0.36	0.99
NVNT	ax40	5190	Ant1	86.06	0.65	1.89
NVNT	ax40	5230	Ant1	86.13	0.65	1.89

NVNT	ax40	5190	Ant2	86.16	0.65	1.85
NVNT	ax40	5230	Ant2	86.11	0.65	1.89
NVNT	ax80	5210	Ant1	77.57	1.1	3.45
NVNT	ax80	5210	Ant2	77.39	1.11	3.57

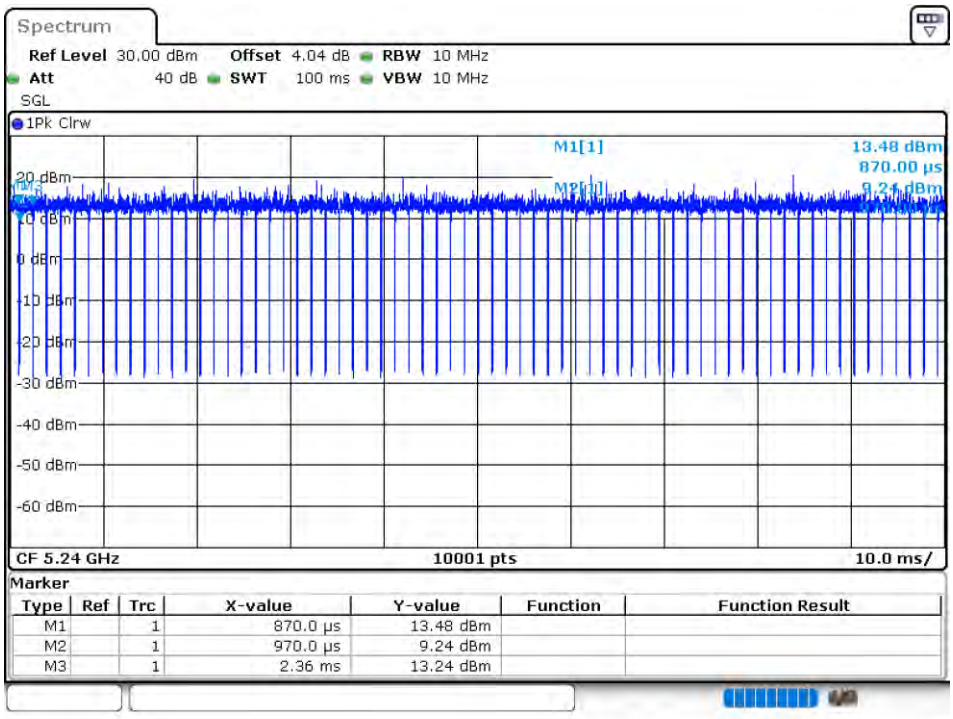
Test Graphs
Duty Cycle NVNT a 5180MHz Ant1



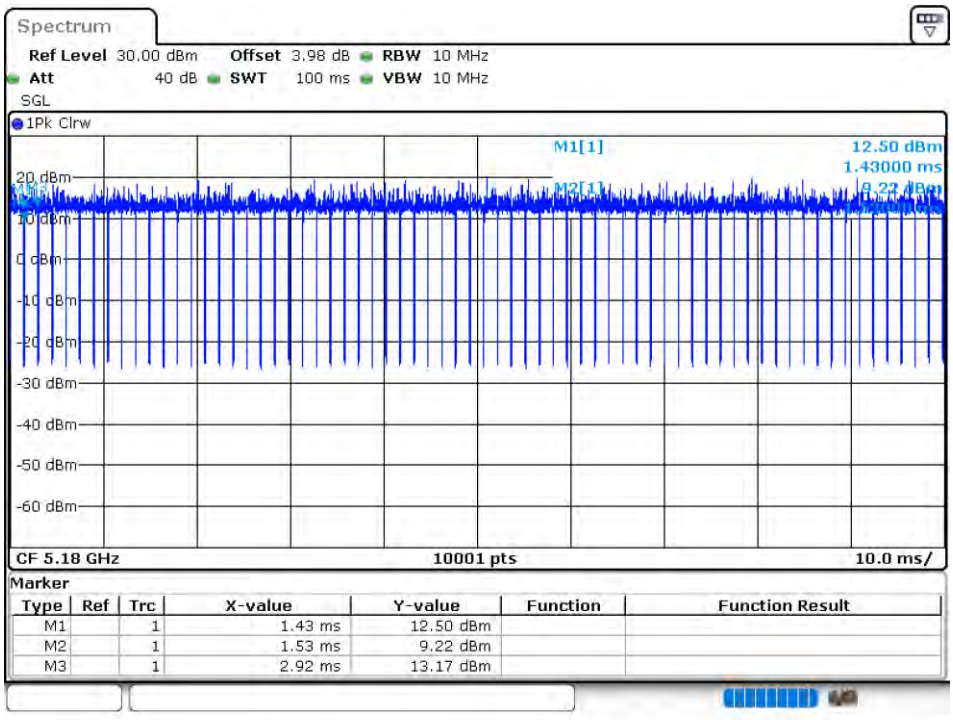
Duty Cycle NVNT a 5200MHz Ant1



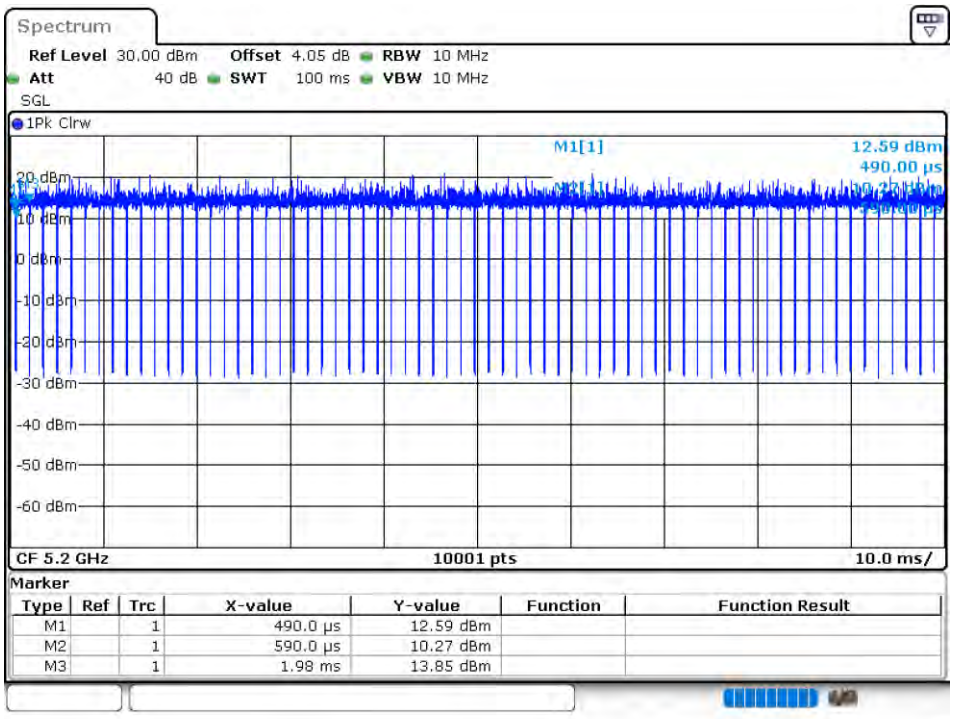
Duty Cycle NVNT a 5240MHz Ant1



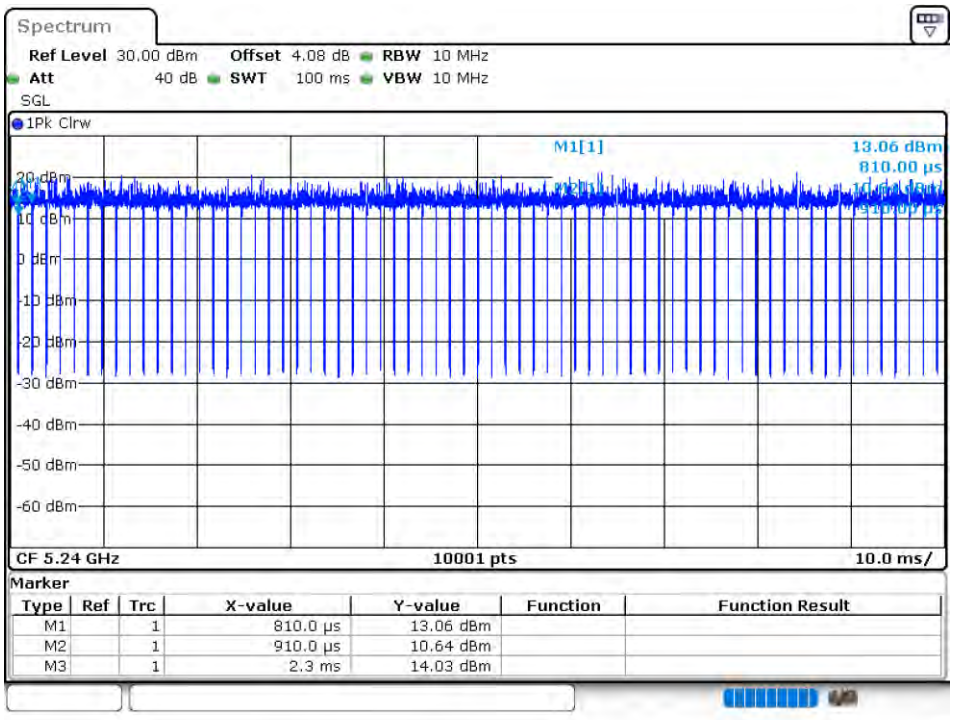
Duty Cycle NVNT a 5180MHz Ant2



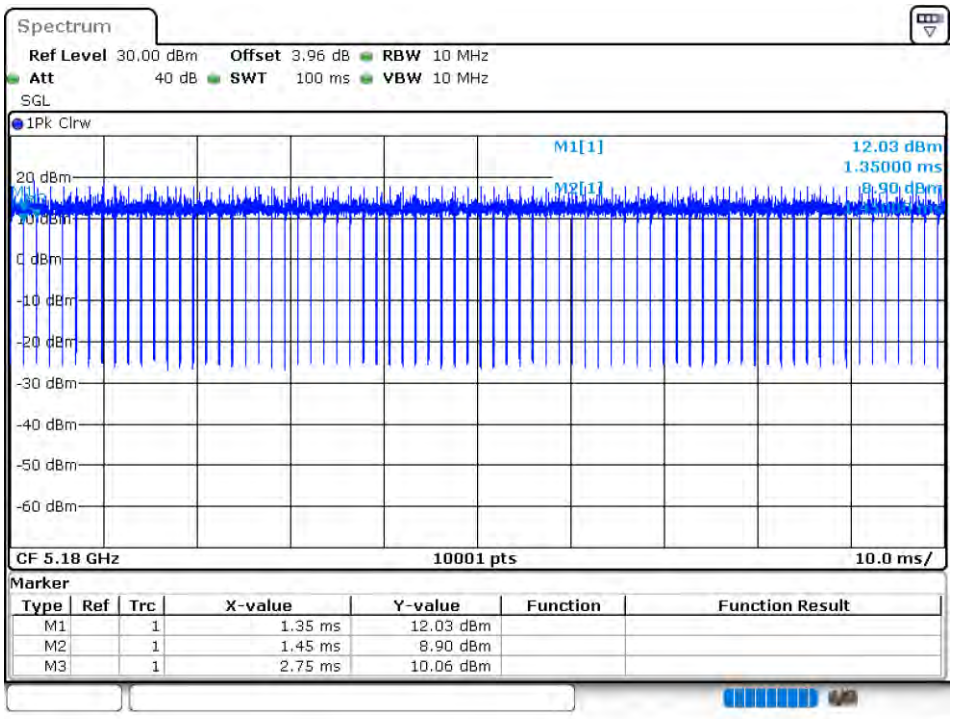
Duty Cycle NVNT a 5200MHz Ant2



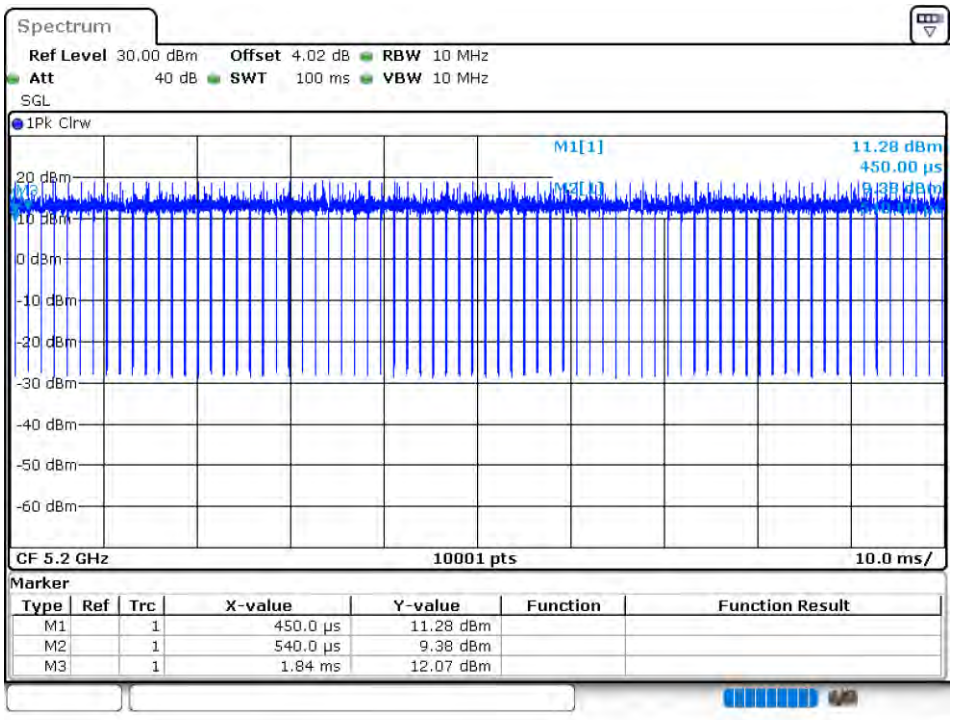
Duty Cycle NVNT a 5240MHz Ant2



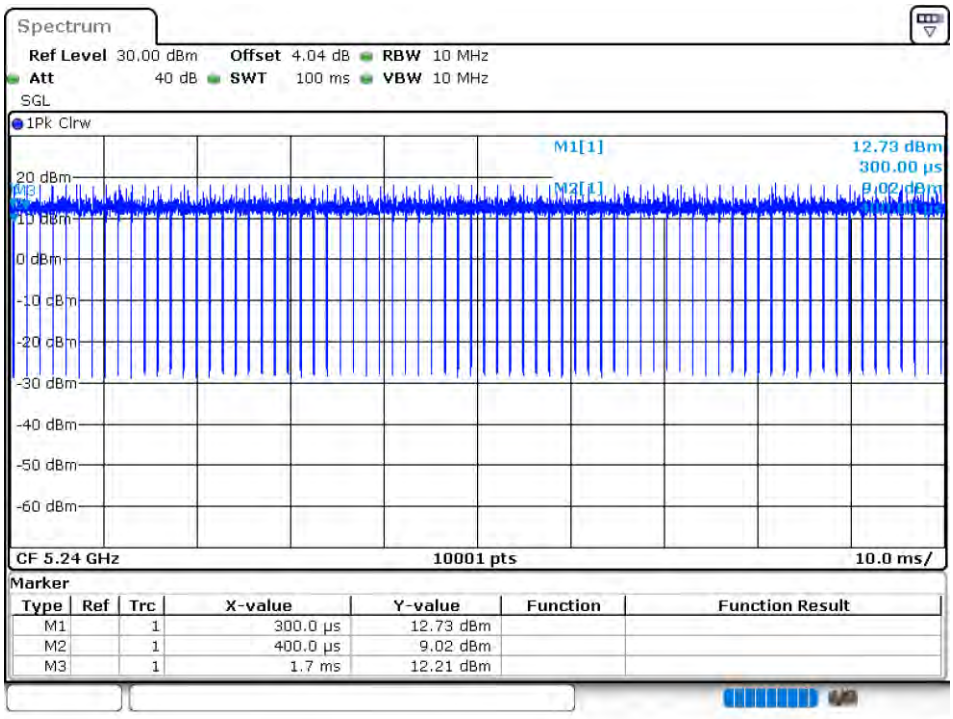
Duty Cycle NVNT n20 5180MHz Ant1



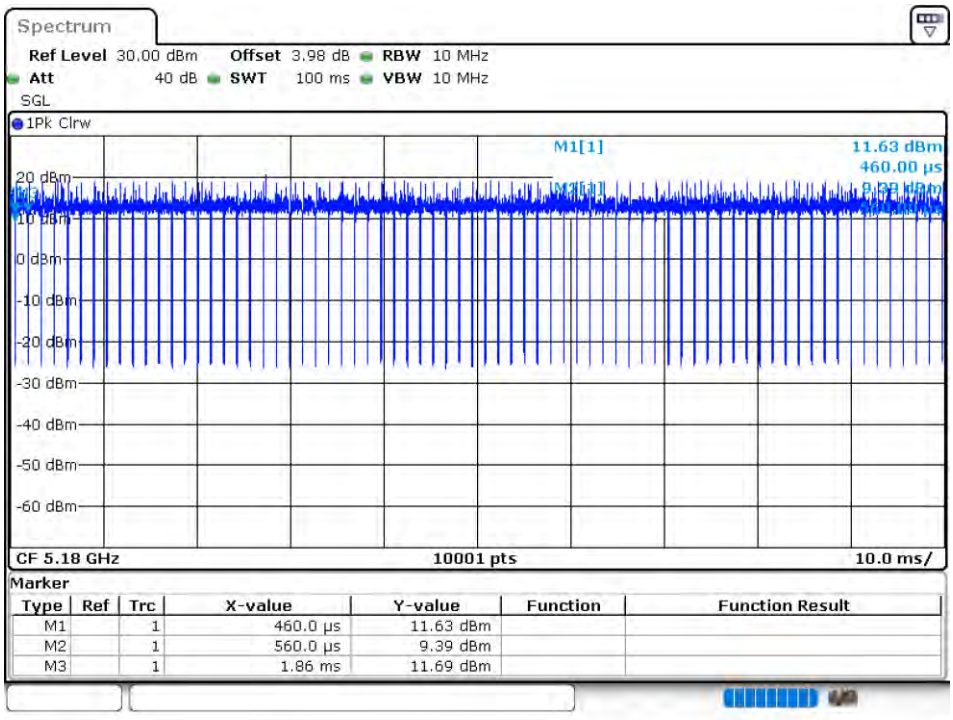
Duty Cycle NVNT n20 5200MHz Ant1



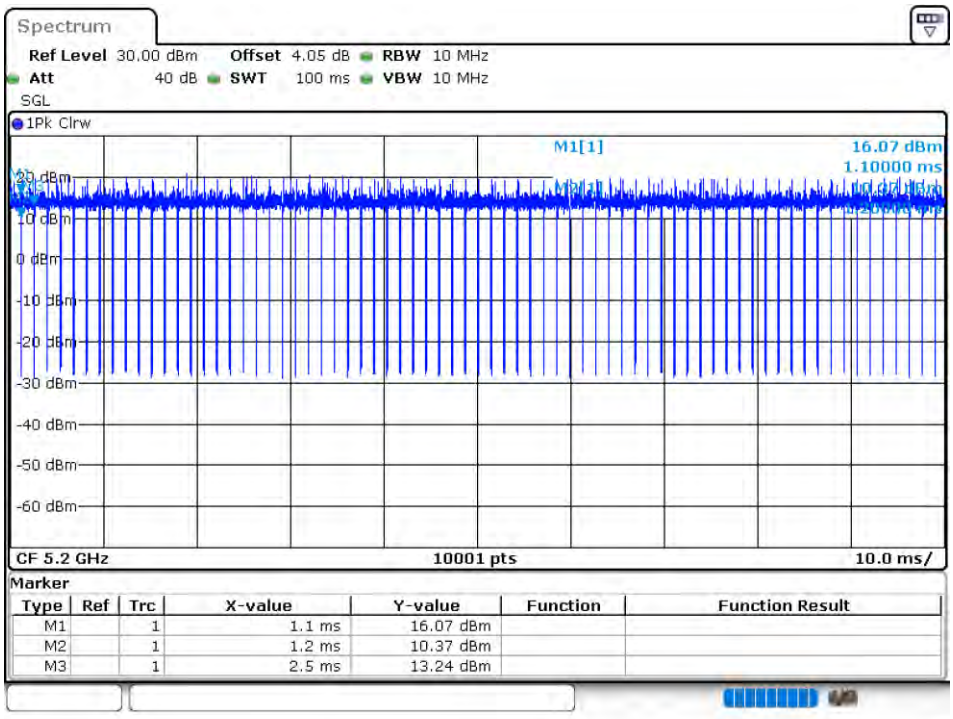
Duty Cycle NVNT n20 5240MHz Ant1



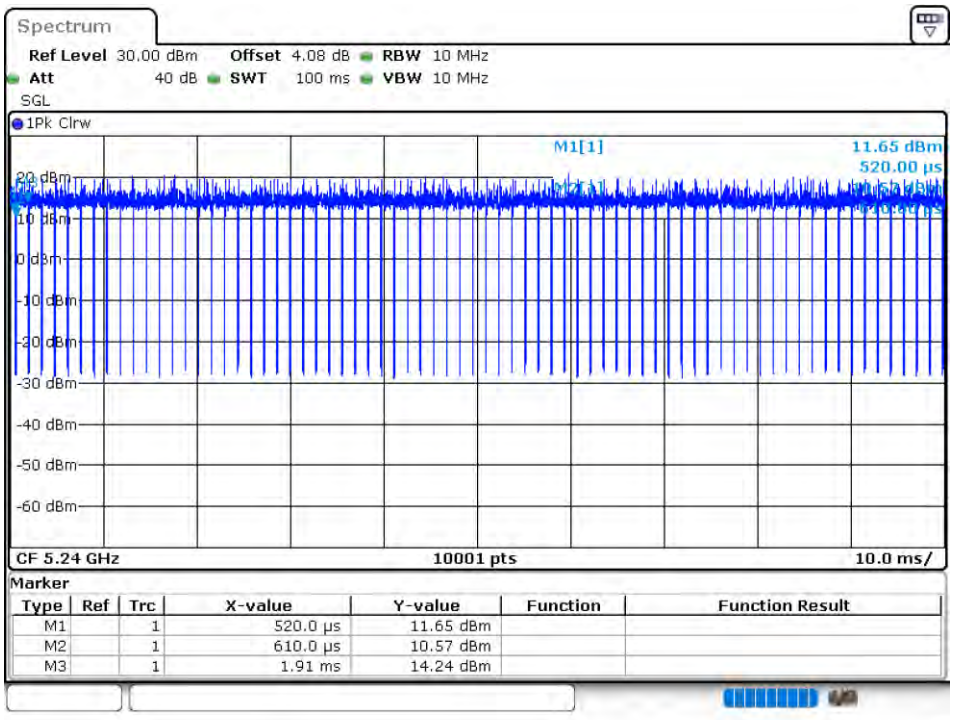
Duty Cycle NVNT n20 5180MHz Ant2



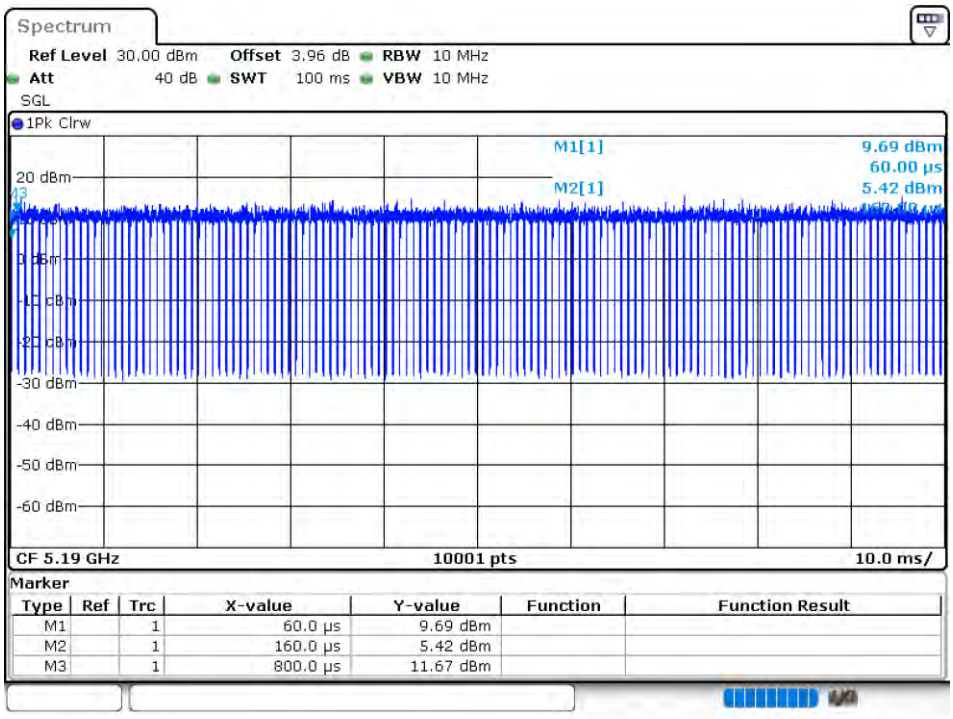
Duty Cycle NVNT n20 5200MHz Ant2



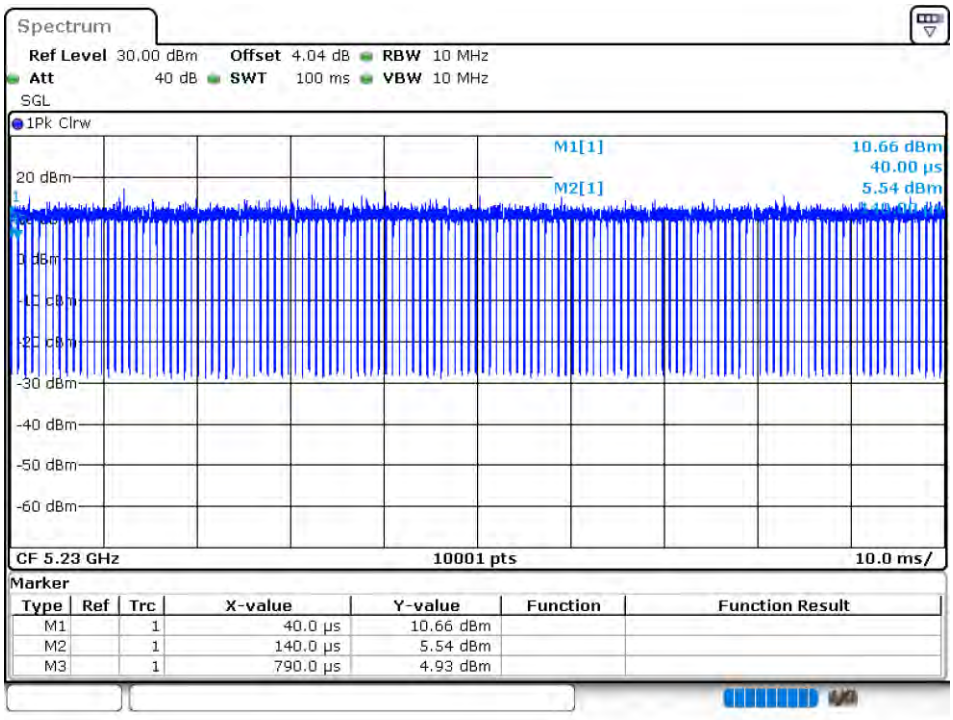
Duty Cycle NVNT n20 5240MHz Ant2



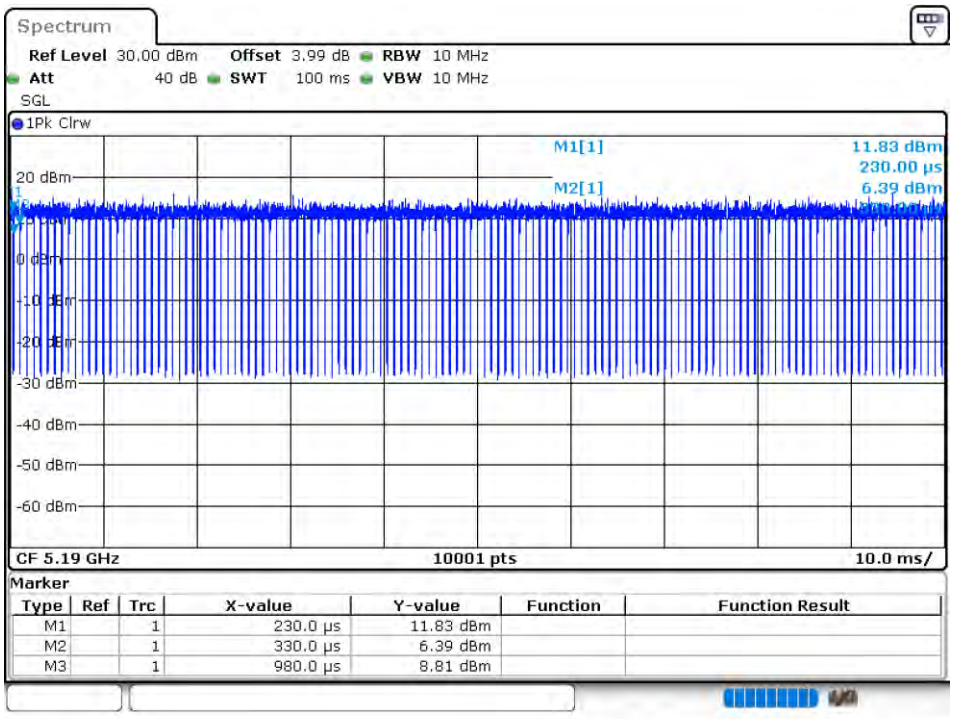
Duty Cycle NVNT n40 5190MHz Ant1



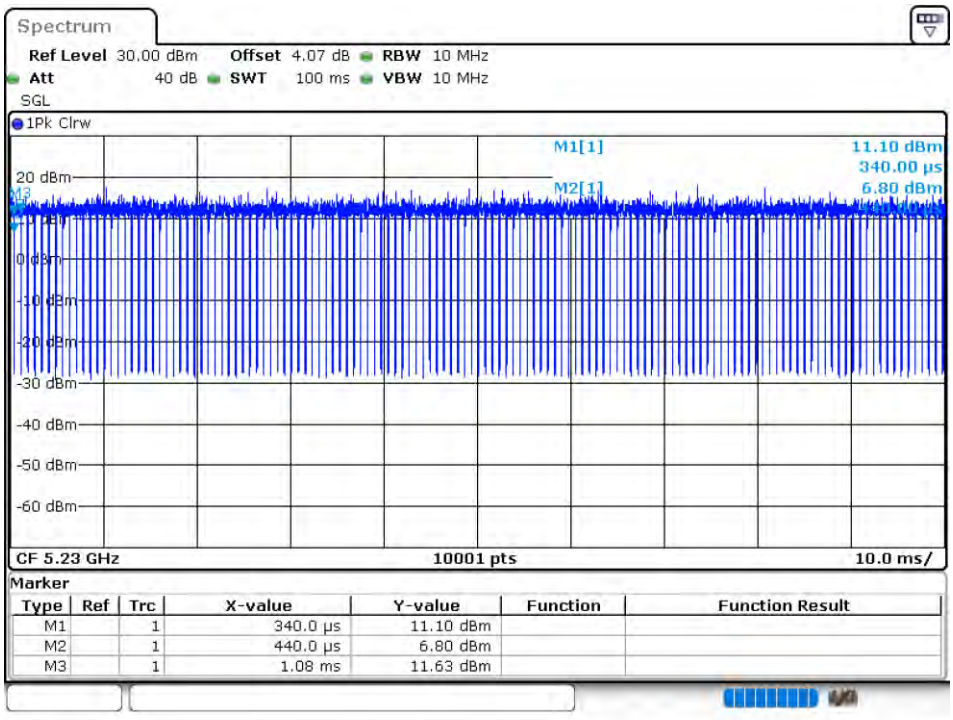
Duty Cycle NVNT n40 5230MHz Ant1



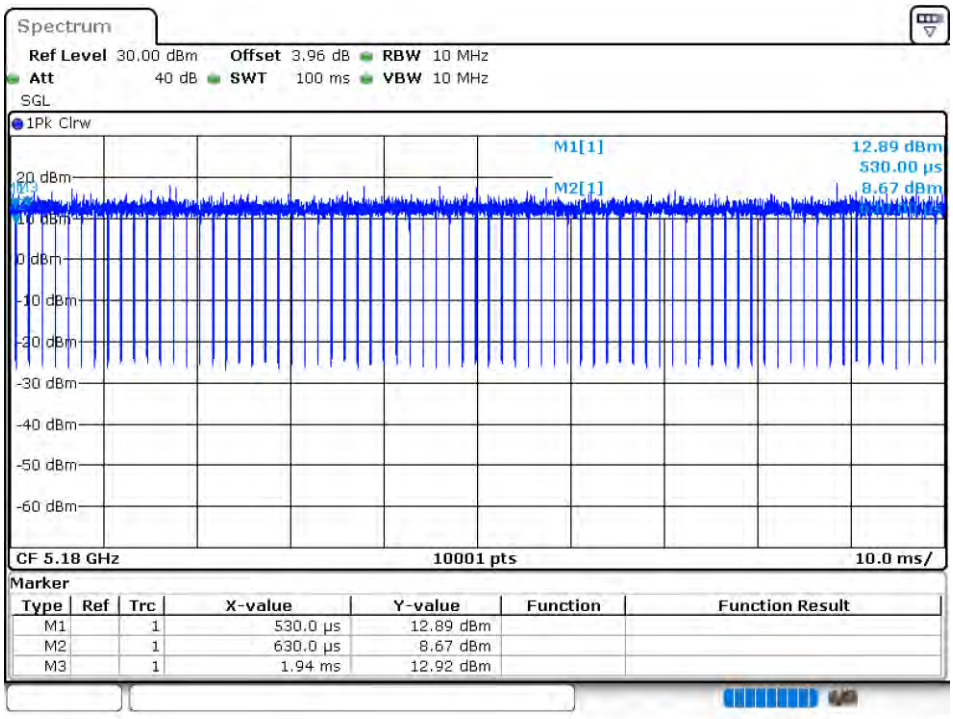
Duty Cycle NVNT n40 5190MHz Ant2



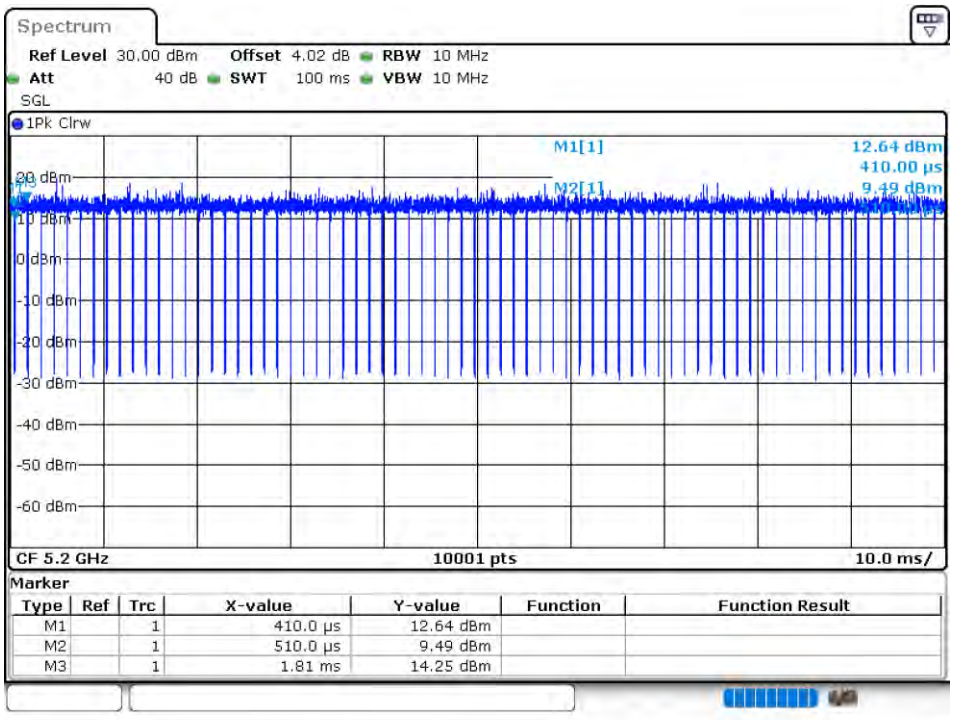
Duty Cycle NVNT n40 5230MHz Ant2



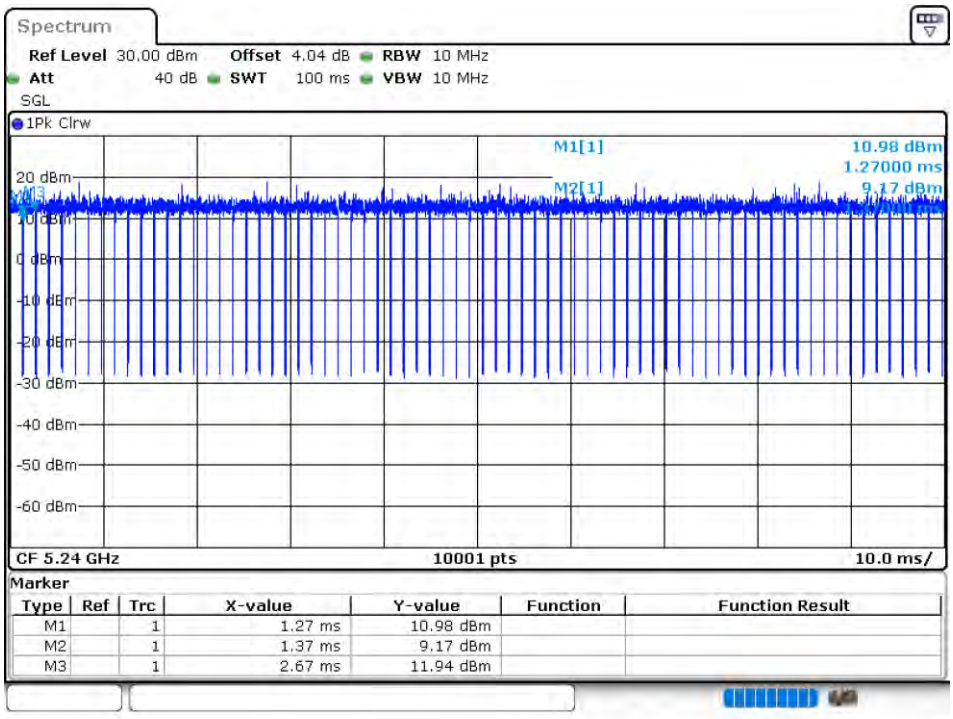
Duty Cycle NVNT ac20 5180MHz Ant1



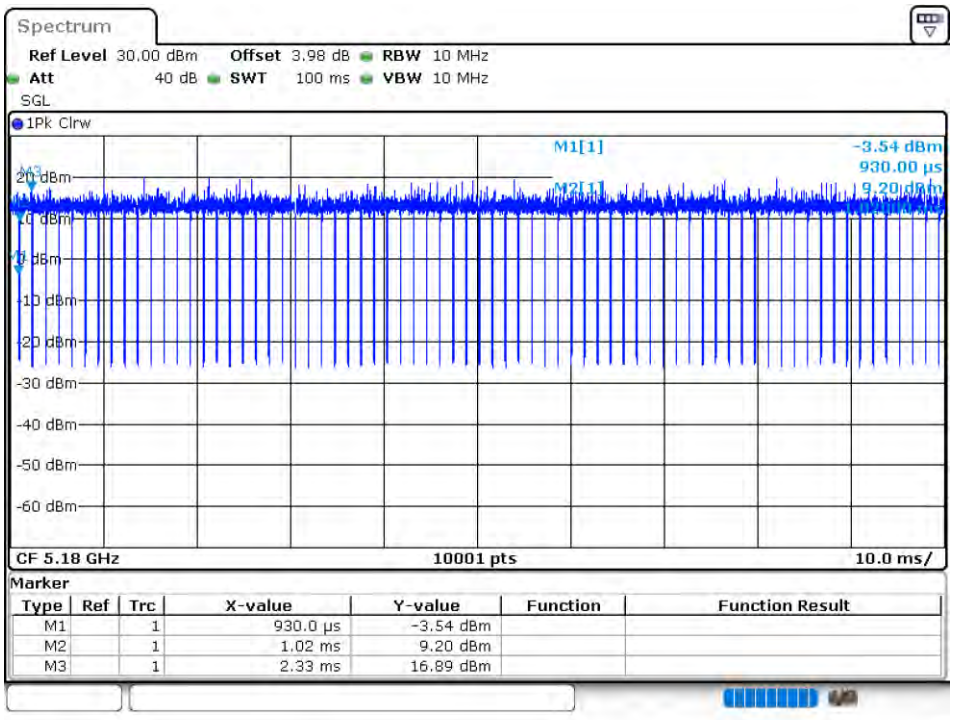
Duty Cycle NVNT ac20 5200MHz Ant1



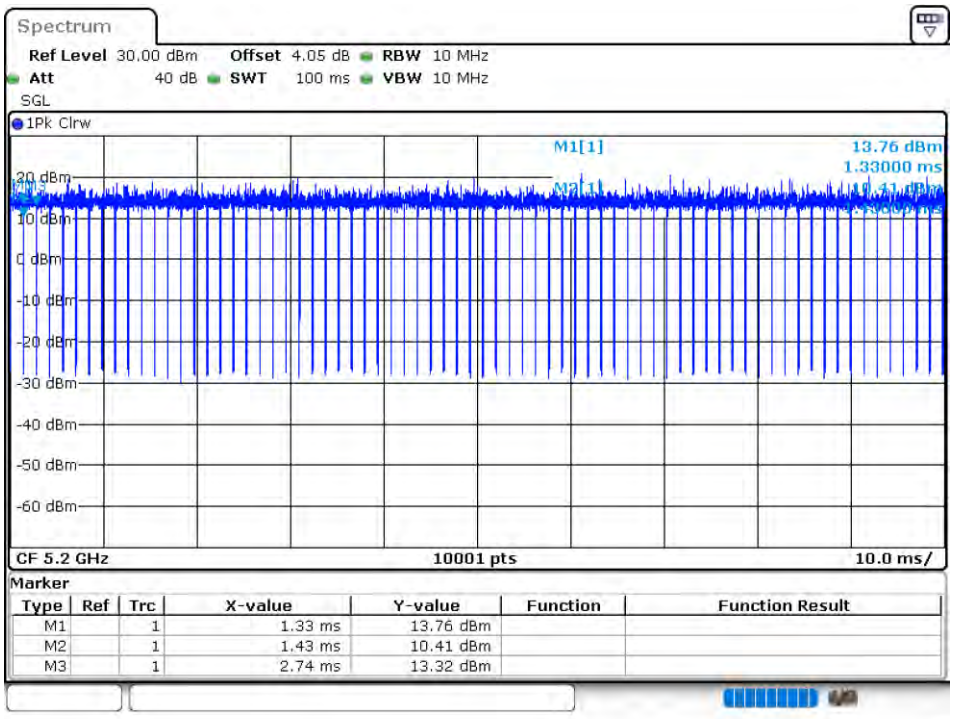
Duty Cycle NVNT ac20 5240MHz Ant1



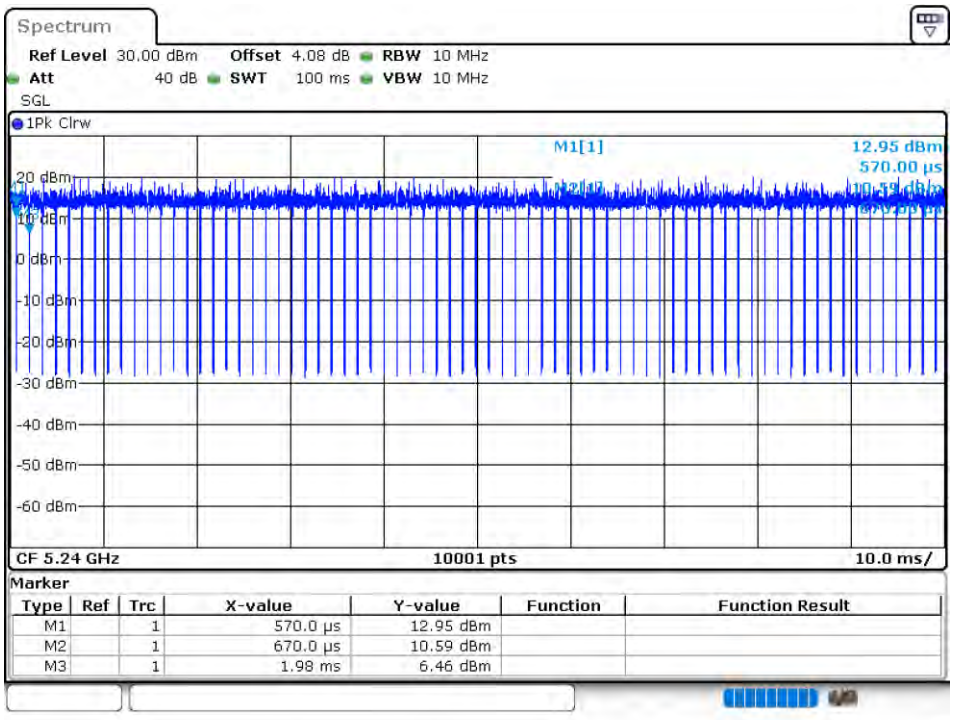
Duty Cycle NVNT ac20 5180MHz Ant2



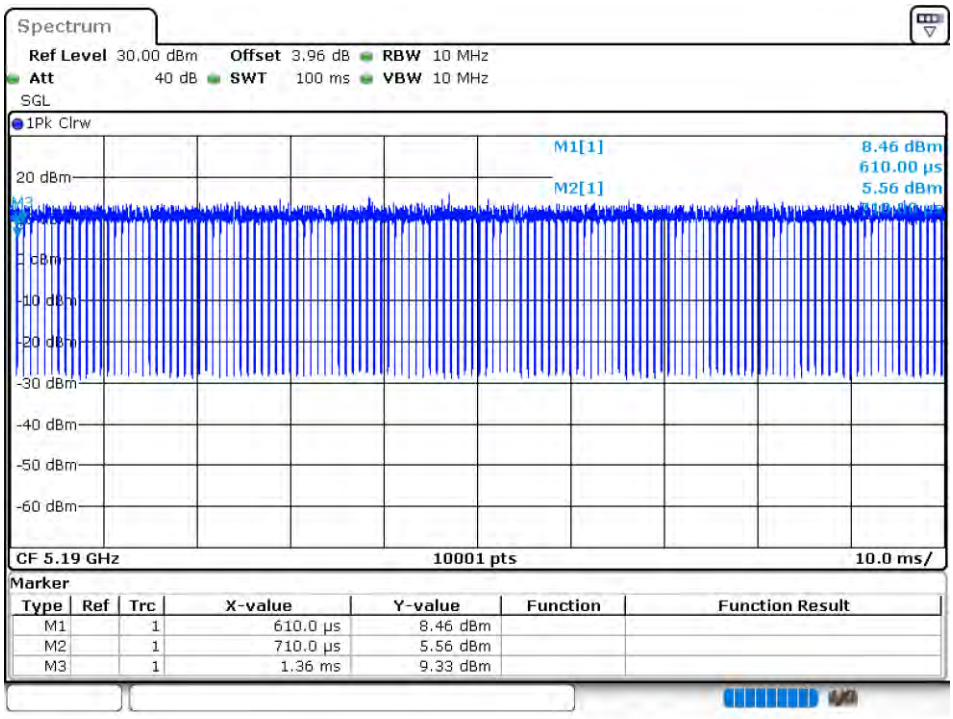
Duty Cycle NVNT ac20 5200MHz Ant2



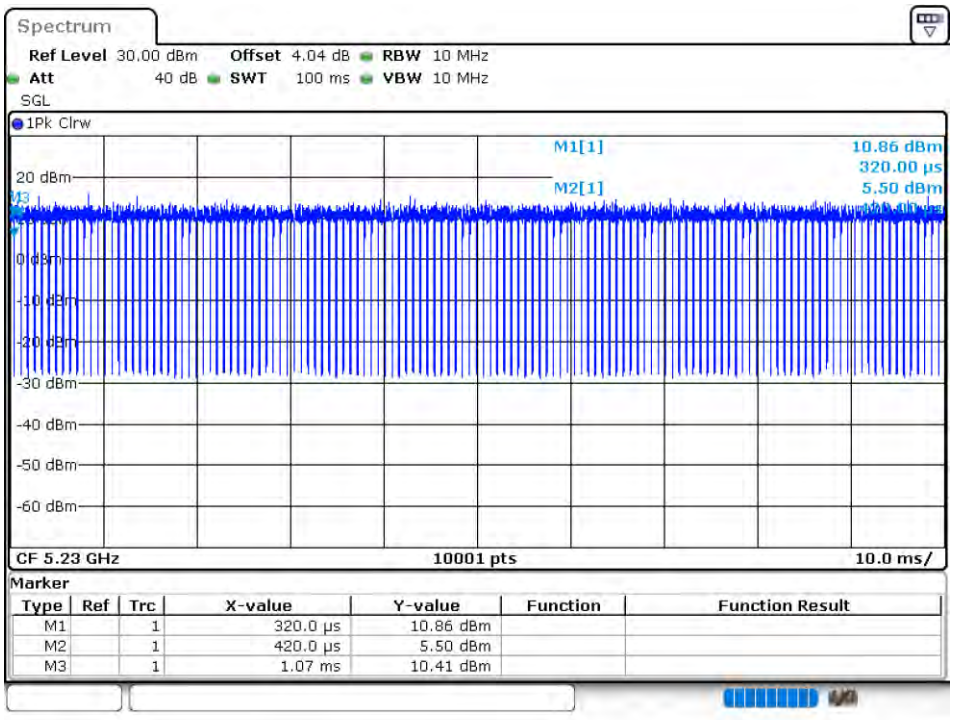
Duty Cycle NVNT ac20 5240MHz Ant2



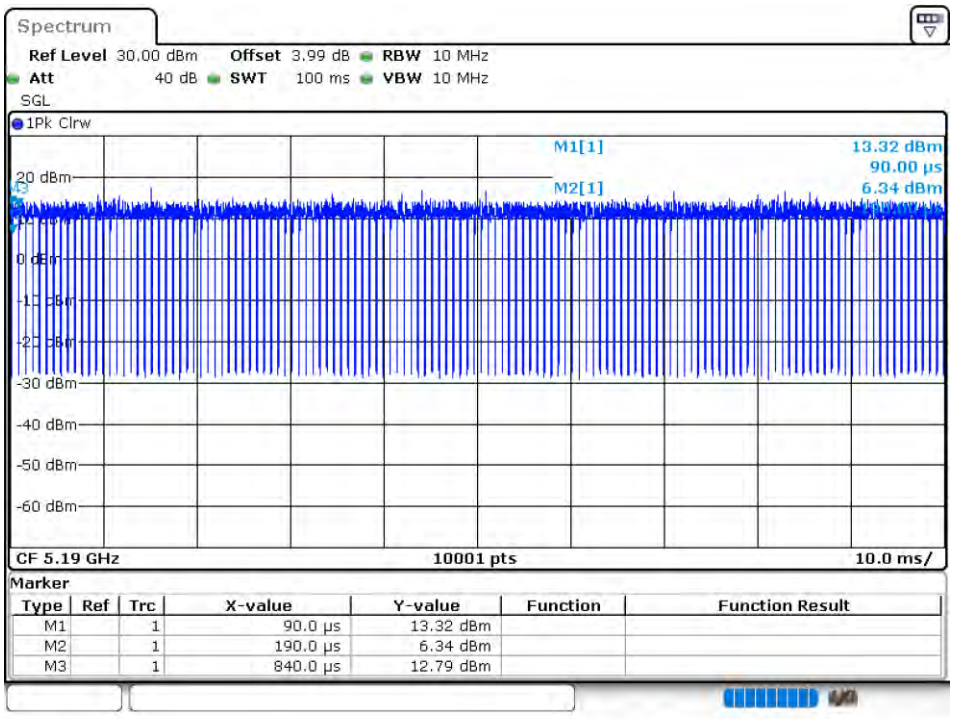
Duty Cycle NVNT ac40 5190MHz Ant1



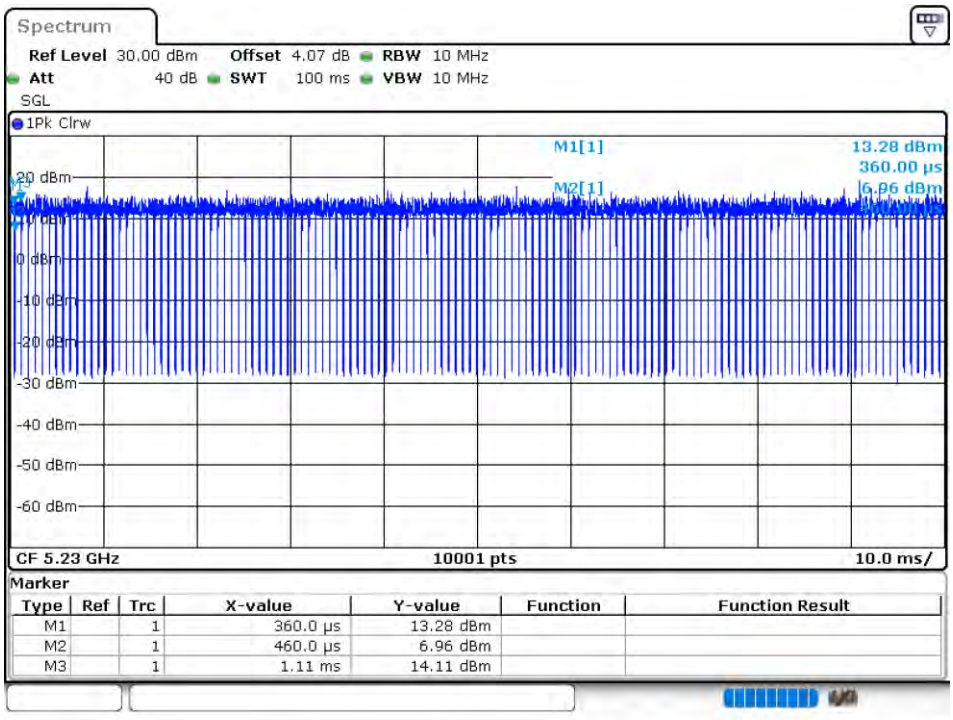
Duty Cycle NVNT ac40 5230MHz Ant1



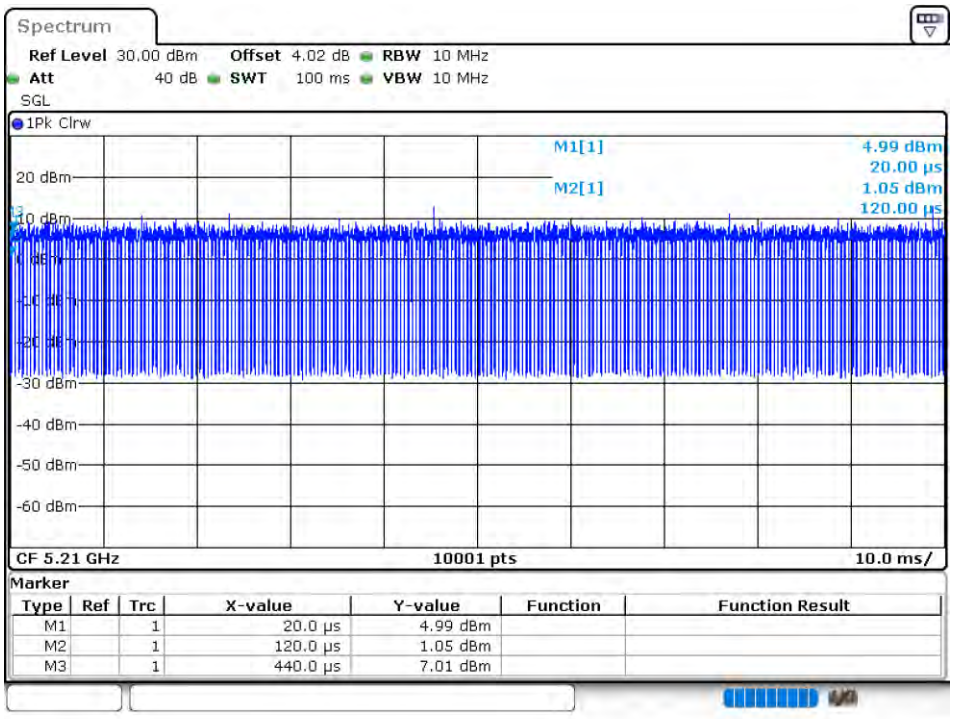
Duty Cycle NVNT ac40 5190MHz Ant2



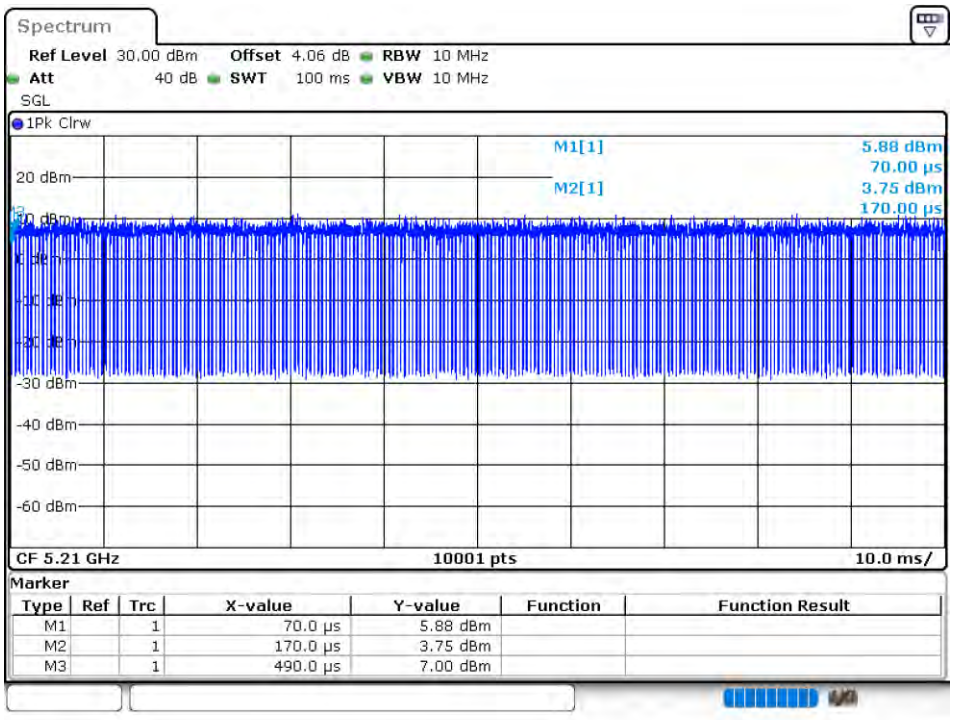
Duty Cycle NVNT ac40 5230MHz Ant2



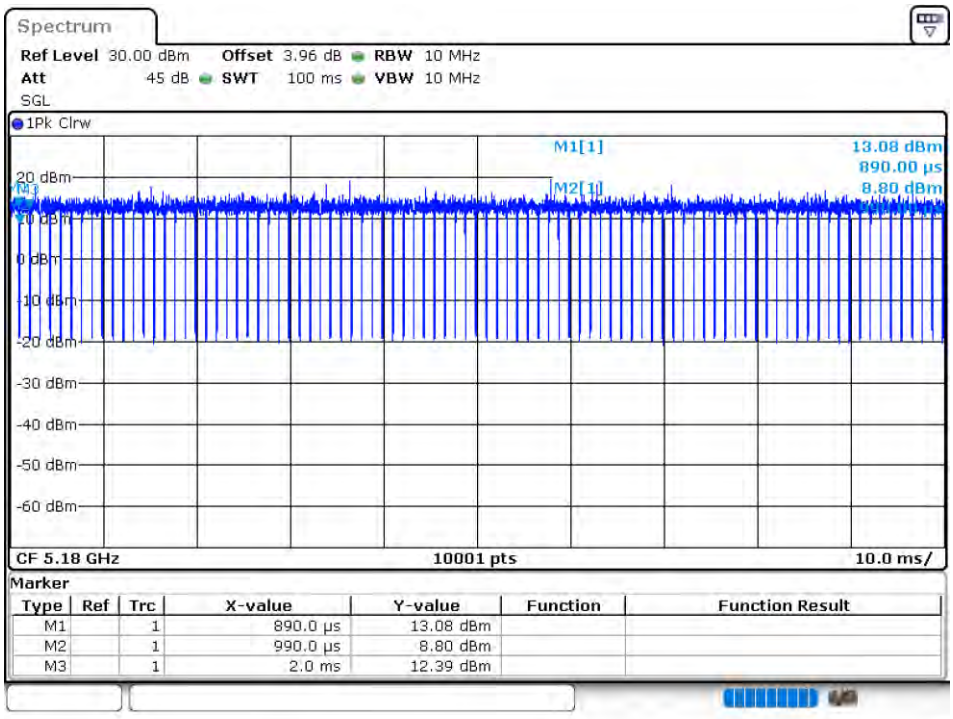
Duty Cycle NVNT ac80 5210MHz Ant1



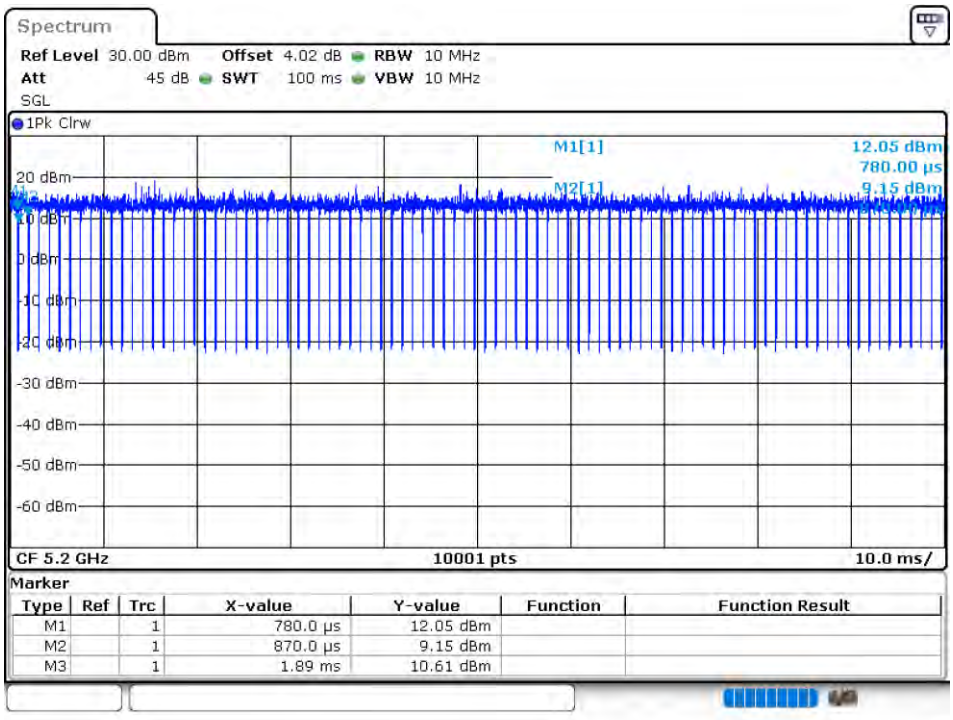
Duty Cycle NVNT ac80 5210MHz Ant2



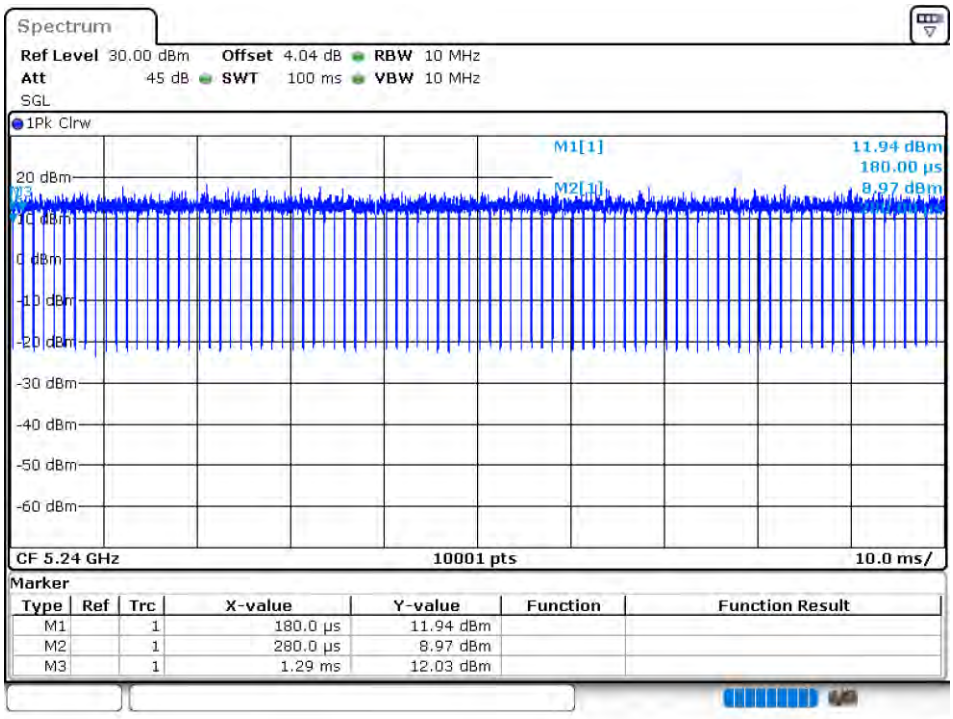
Duty Cycle NVNT ax20 5180MHz Ant1



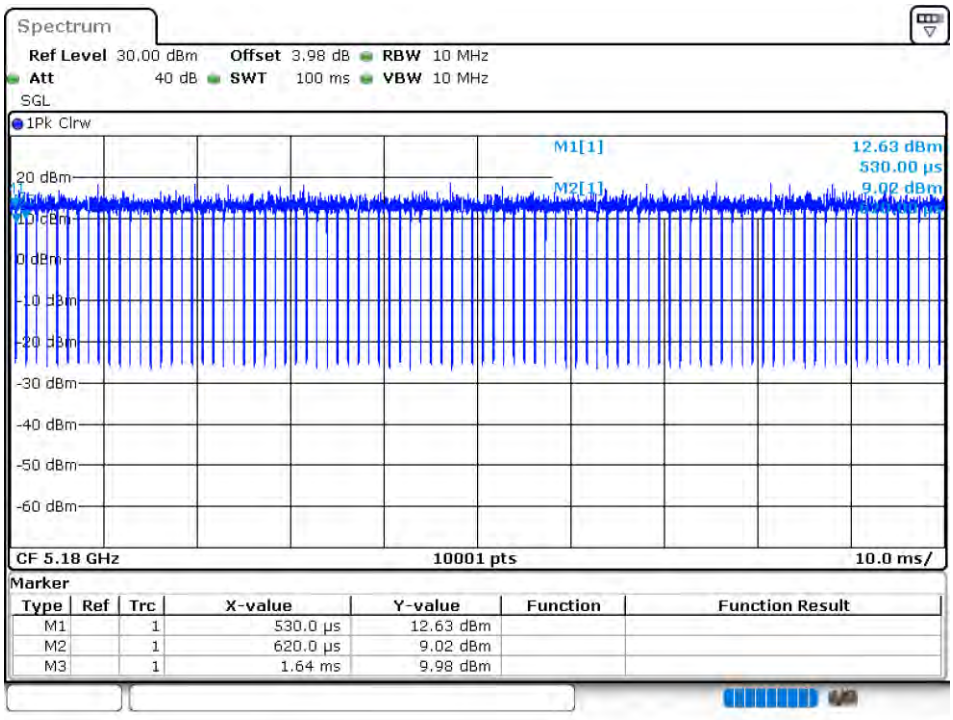
Duty Cycle NVNT ax20 5200MHz Ant1



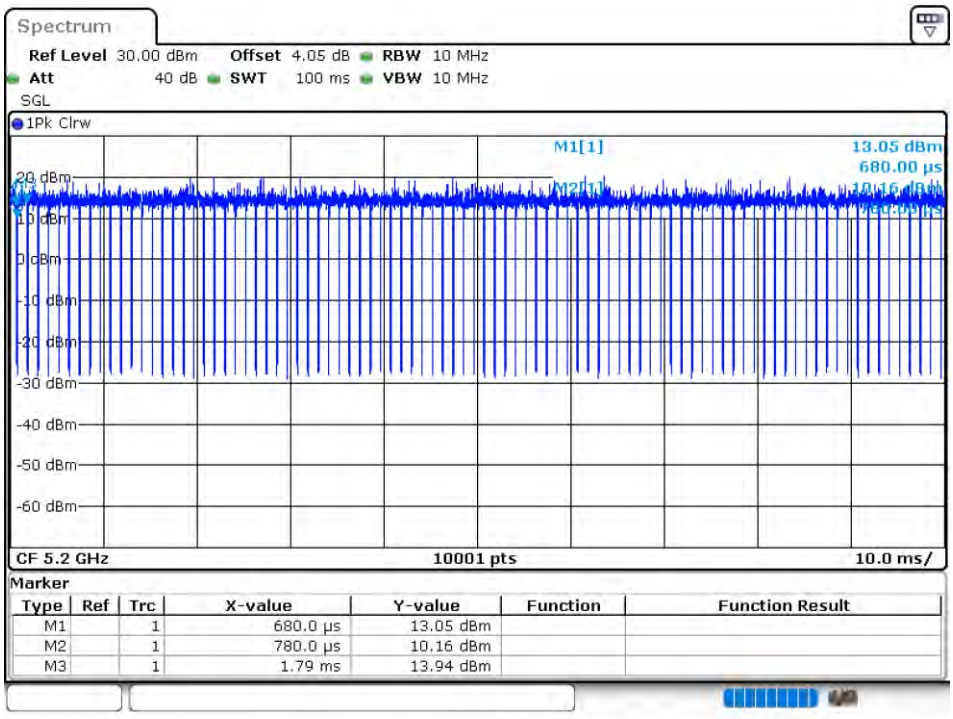
Duty Cycle NVNT ax20 5240MHz Ant1



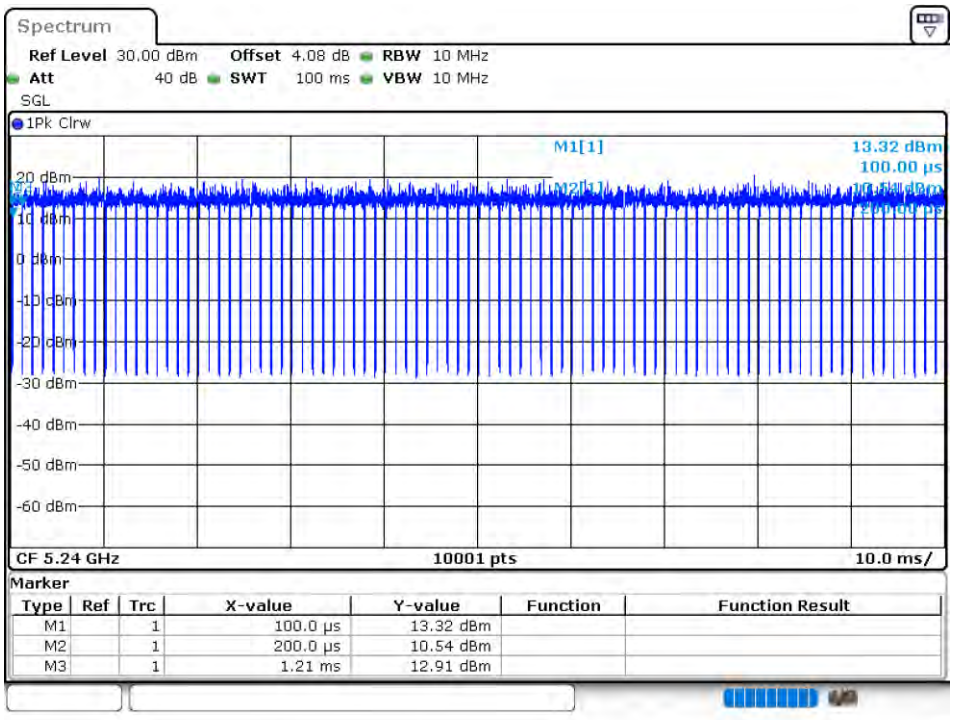
Duty Cycle NVNT ax20 5180MHz Ant2



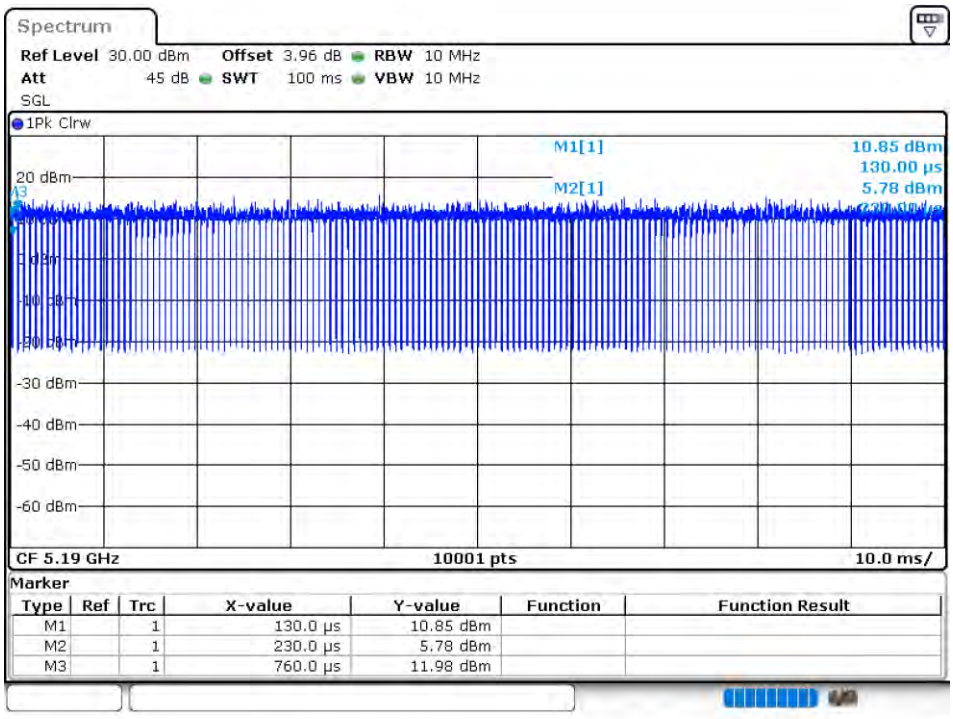
Duty Cycle NVNT ax20 5200MHz Ant2



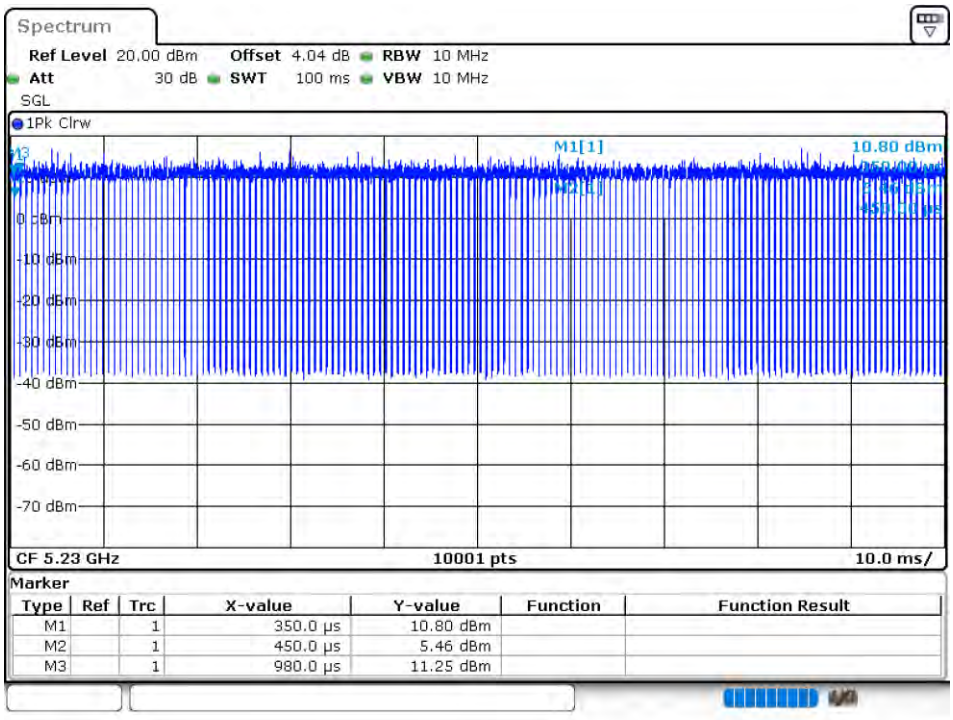
Duty Cycle NVNT ax20 5240MHz Ant2



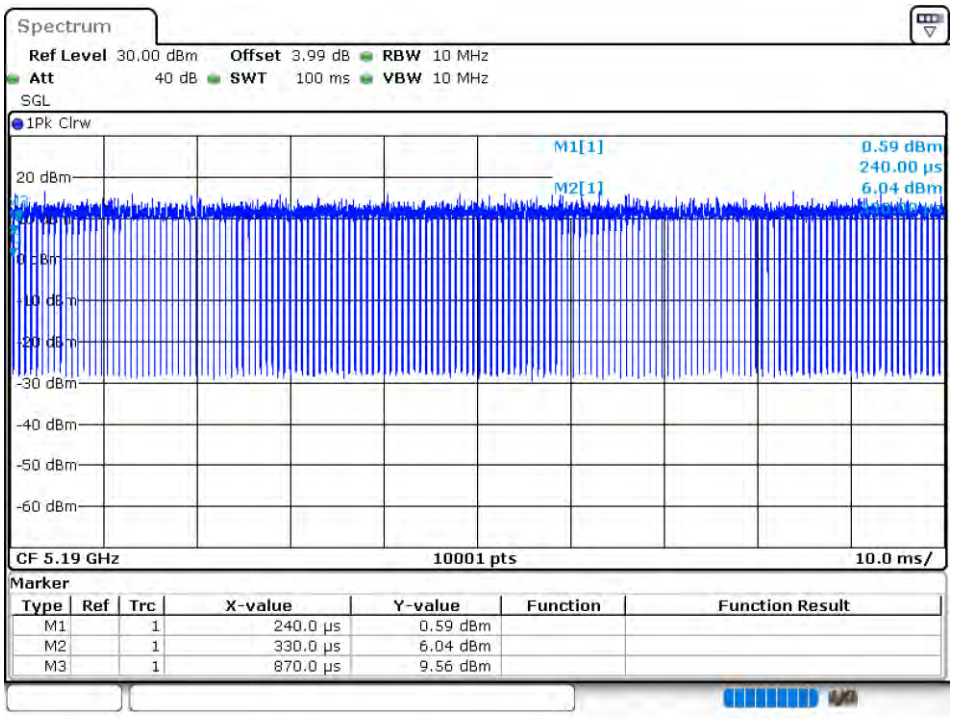
Duty Cycle NVNT ax40 5190MHz Ant1



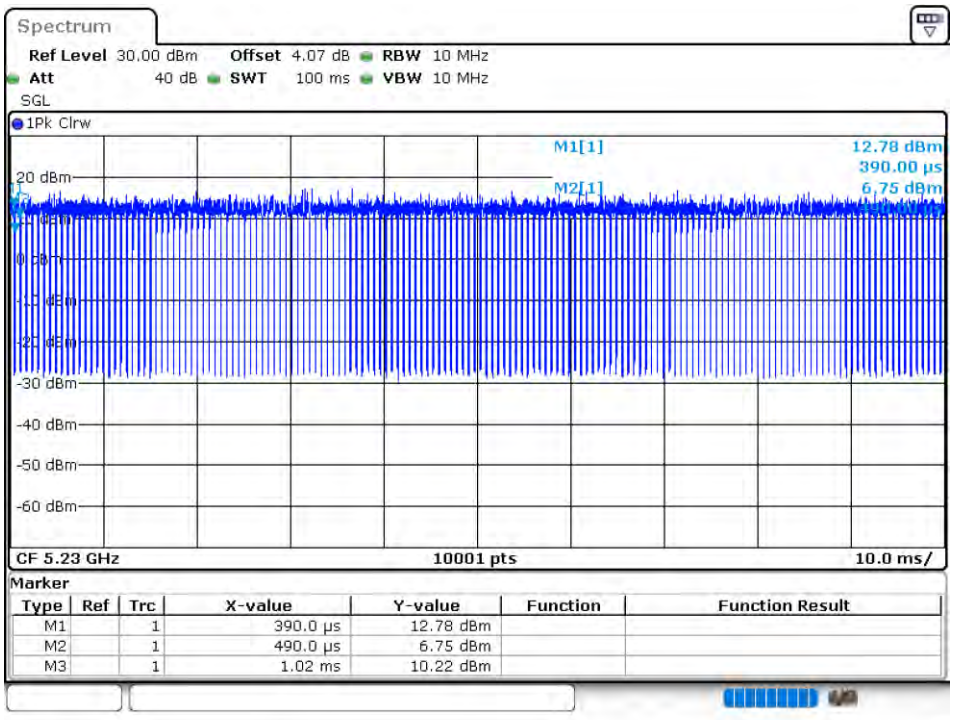
Duty Cycle NVNT ax40 5230MHz Ant1



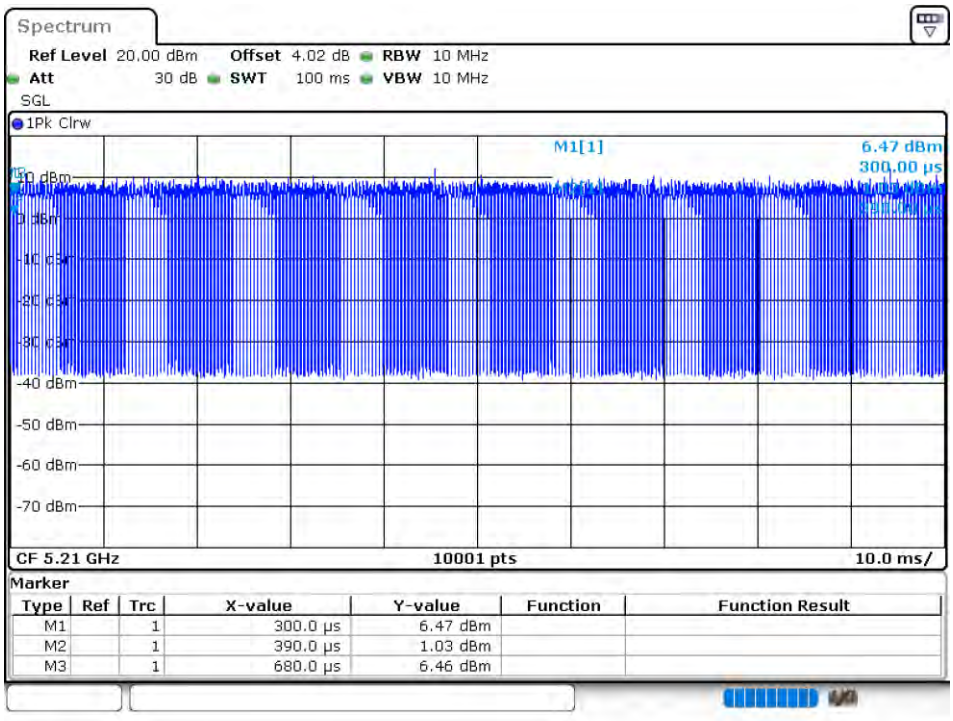
Duty Cycle NVNT ax40 5190MHz Ant2



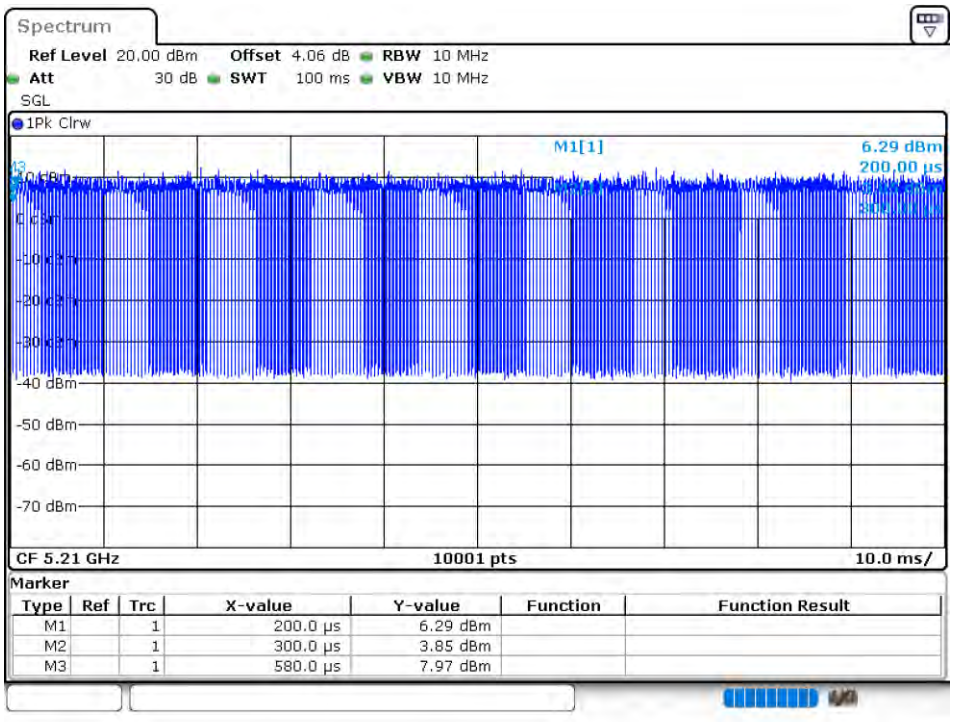
Duty Cycle NVNT ax40 5230MHz Ant2



Duty Cycle NVNT ax80 5210MHz Ant1



Duty Cycle NVNT ax80 5210MHz Ant2



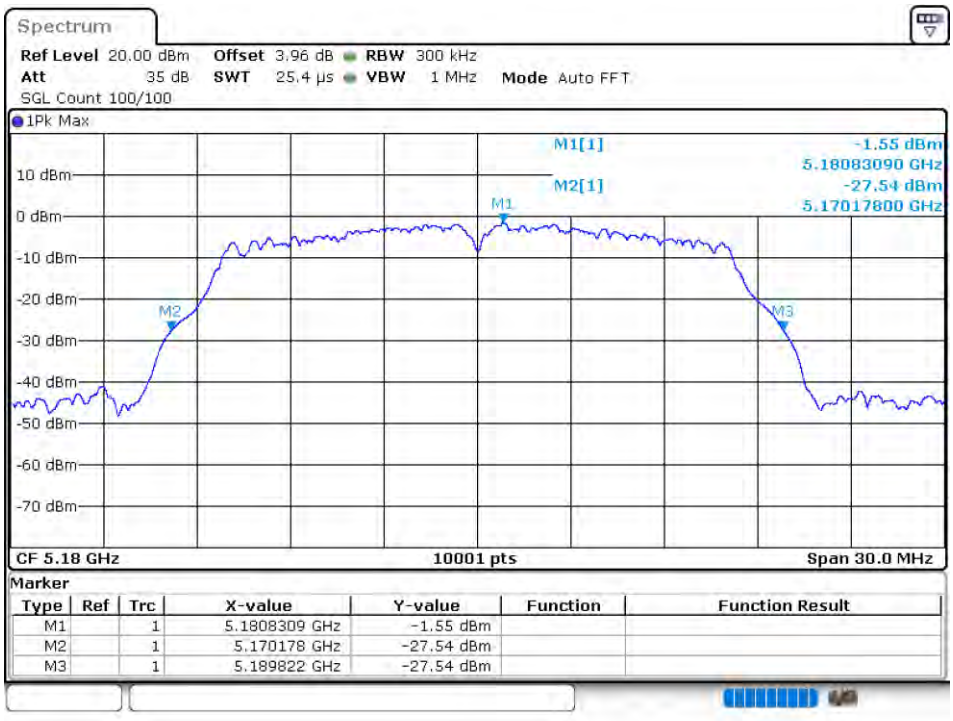
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	8.31	24	Pass
NVNT	a	5200	Ant1	8.35	24	Pass
NVNT	a	5240	Ant1	8.9	24	Pass
NVNT	a	5180	Ant2	9.69	24	Pass
NVNT	a	5200	Ant2	10.01	24	Pass
NVNT	a	5240	Ant2	10.11	24	Pass
NVNT	n20	5180	Ant1	7.88	24	Pass
NVNT	n20	5200	Ant1	8.25	24	Pass
NVNT	n20	5240	Ant1	8.8	24	Pass
NVNT	n20	5180	Ant2	9.5	24	Pass
NVNT	n20	5200	Ant2	9.86	24	Pass
NVNT	n20	5240	Ant2	9.95	24	Pass
NVNT	n40	5190	Ant1	8.13	24	Pass
NVNT	n40	5230	Ant1	8.87	24	Pass
NVNT	n40	5190	Ant2	9.76	24	Pass
NVNT	n40	5230	Ant2	10.05	24	Pass
NVNT	ac20	5180	Ant1	8.06	24	Pass
NVNT	ac20	5200	Ant1	8.4	24	Pass
NVNT	ac20	5240	Ant1	8.84	24	Pass
NVNT	ac20	5180	Ant2	9.5	24	Pass
NVNT	ac20	5200	Ant2	9.84	24	Pass
NVNT	ac20	5240	Ant2	9.94	24	Pass
NVNT	ac40	5190	Ant1	8.39	24	Pass
NVNT	ac40	5230	Ant1	8.84	24	Pass
NVNT	ac40	5190	Ant2	9.76	24	Pass
NVNT	ac40	5230	Ant2	10.04	24	Pass
NVNT	ac80	5210	Ant1	8.3	24	Pass
NVNT	ac80	5210	Ant2	9.71	24	Pass
NVNT	ax20	5180	Ant1	8.11	24	Pass
NVNT	ax20	5200	Ant1	8.36	24	Pass
NVNT	ax20	5240	Ant1	8.92	24	Pass
NVNT	ax20	5180	Ant2	9.67	24	Pass
NVNT	ax20	5200	Ant2	10	24	Pass
NVNT	ax20	5240	Ant2	10.1	24	Pass
NVNT	ax40	5190	Ant1	8.71	24	Pass
NVNT	ax40	5230	Ant1	9.05	24	Pass
NVNT	ax40	5190	Ant2	9.97	24	Pass
NVNT	ax40	5230	Ant2	10.31	24	Pass
NVNT	ax80	5210	Ant1	8.44	24	Pass
NVNT	ax80	5210	Ant2	9.99	24	Pass

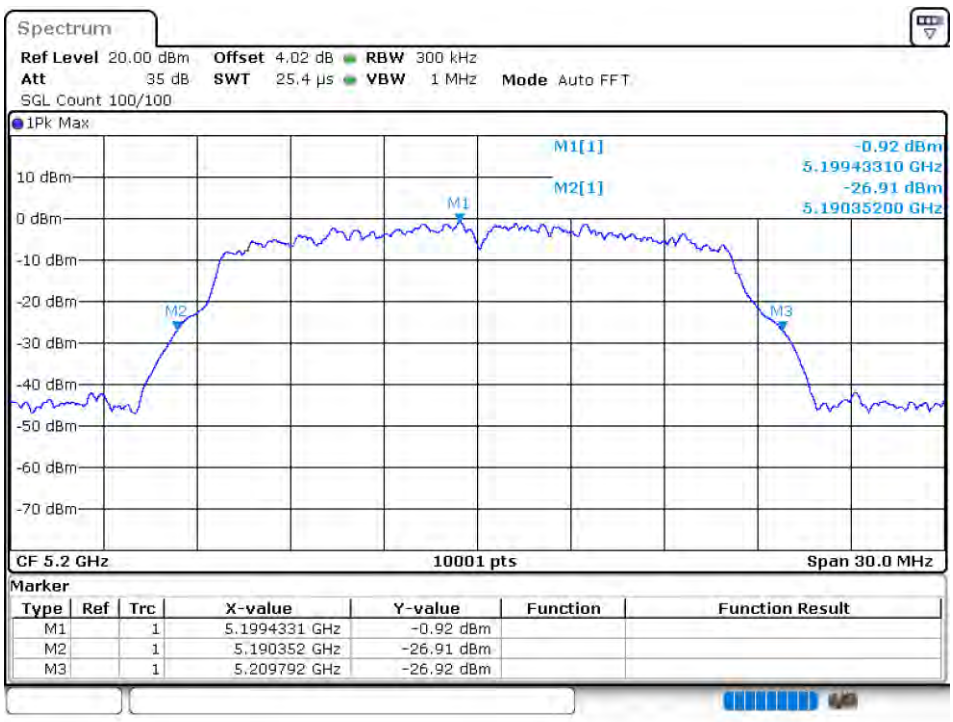
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.644	Pass
NVNT	a	5200	Ant1	19.44	Pass
NVNT	a	5240	Ant1	19.431	Pass
NVNT	a	5180	Ant2	20.004	Pass
NVNT	a	5200	Ant2	19.803	Pass
NVNT	a	5240	Ant2	19.665	Pass
NVNT	n20	5180	Ant1	20.226	Pass
NVNT	n20	5200	Ant1	20.073	Pass
NVNT	n20	5240	Ant1	20.103	Pass
NVNT	n20	5180	Ant2	20.124	Pass
NVNT	n20	5200	Ant2	19.635	Pass
NVNT	n20	5240	Ant2	20.067	Pass
NVNT	n40	5190	Ant1	40.41	Pass
NVNT	n40	5230	Ant1	40.95	Pass
NVNT	n40	5190	Ant2	40.506	Pass
NVNT	n40	5230	Ant2	40.434	Pass
NVNT	ac20	5180	Ant1	19.818	Pass
NVNT	ac20	5200	Ant1	20.061	Pass
NVNT	ac20	5240	Ant1	20.133	Pass
NVNT	ac20	5180	Ant2	20.325	Pass
NVNT	ac20	5200	Ant2	19.884	Pass
NVNT	ac20	5240	Ant2	19.707	Pass
NVNT	ac40	5190	Ant1	40.536	Pass
NVNT	ac40	5230	Ant1	40.812	Pass
NVNT	ac40	5190	Ant2	40.644	Pass
NVNT	ac40	5230	Ant2	41.742	Pass
NVNT	ac80	5210	Ant1	80.556	Pass
NVNT	ac80	5210	Ant2	93.12	Pass
NVNT	ax20	5180	Ant1	19.899	Pass
NVNT	ax20	5200	Ant1	19.767	Pass
NVNT	ax20	5240	Ant1	19.884	Pass
NVNT	ax20	5180	Ant2	19.881	Pass
NVNT	ax20	5200	Ant2	19.902	Pass
NVNT	ax20	5240	Ant2	19.785	Pass
NVNT	ax40	5190	Ant1	39.726	Pass
NVNT	ax40	5230	Ant1	39.54	Pass
NVNT	ax40	5190	Ant2	39.456	Pass
NVNT	ax40	5230	Ant2	39.546	Pass
NVNT	ax80	5210	Ant1	80.568	Pass
NVNT	ax80	5210	Ant2	80.532	Pass

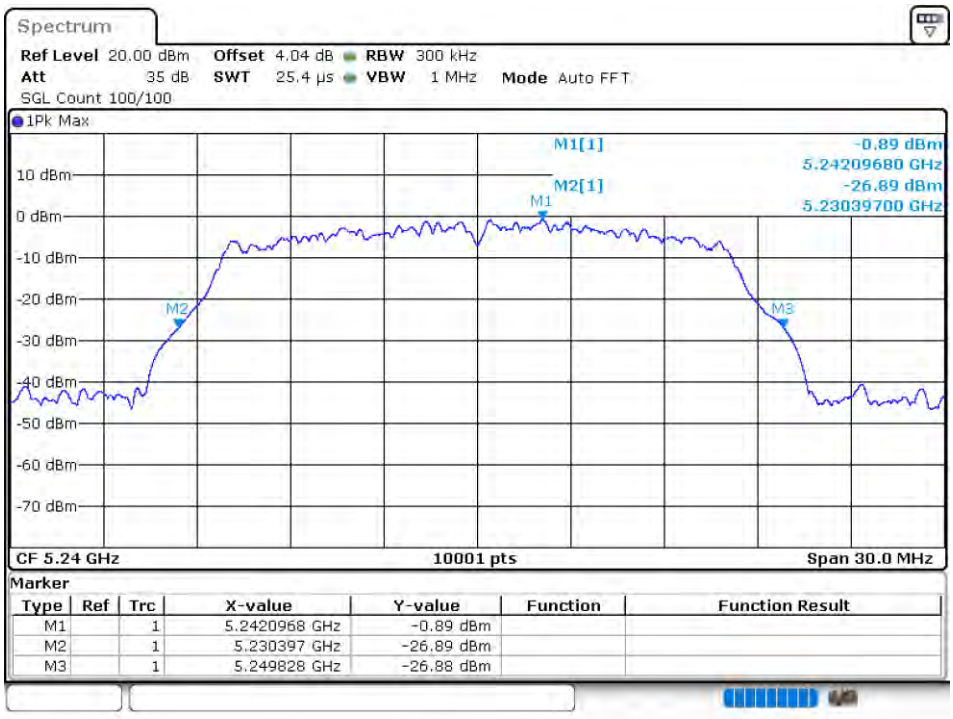
Test Graphs
-26dB Bandwidth NVNT a 5180MHz Ant1



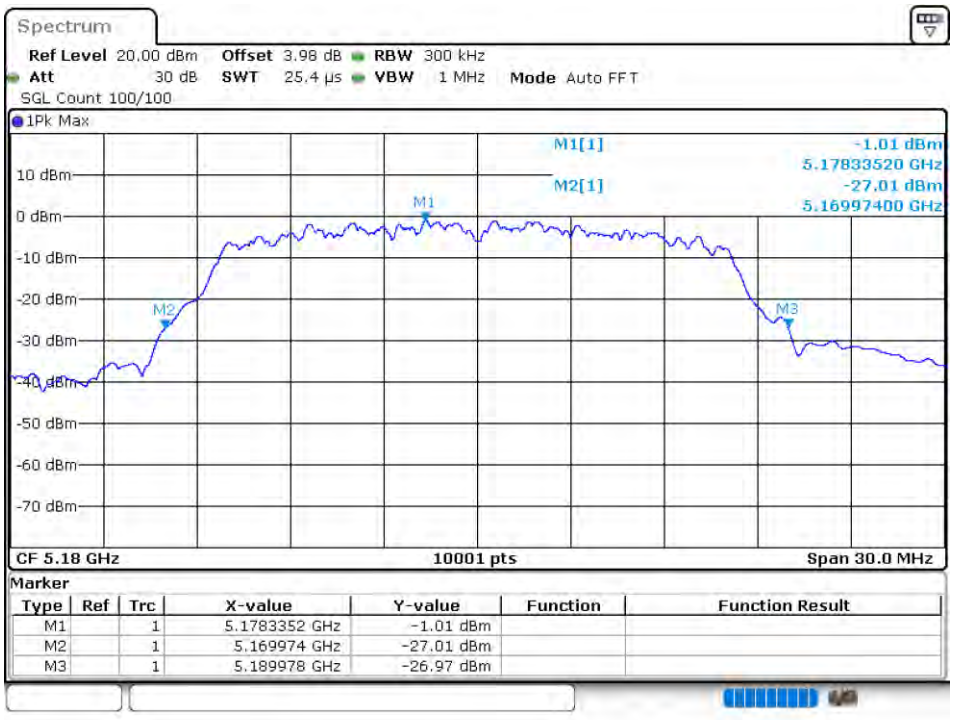
-26dB Bandwidth NVNT a 5200MHz Ant1



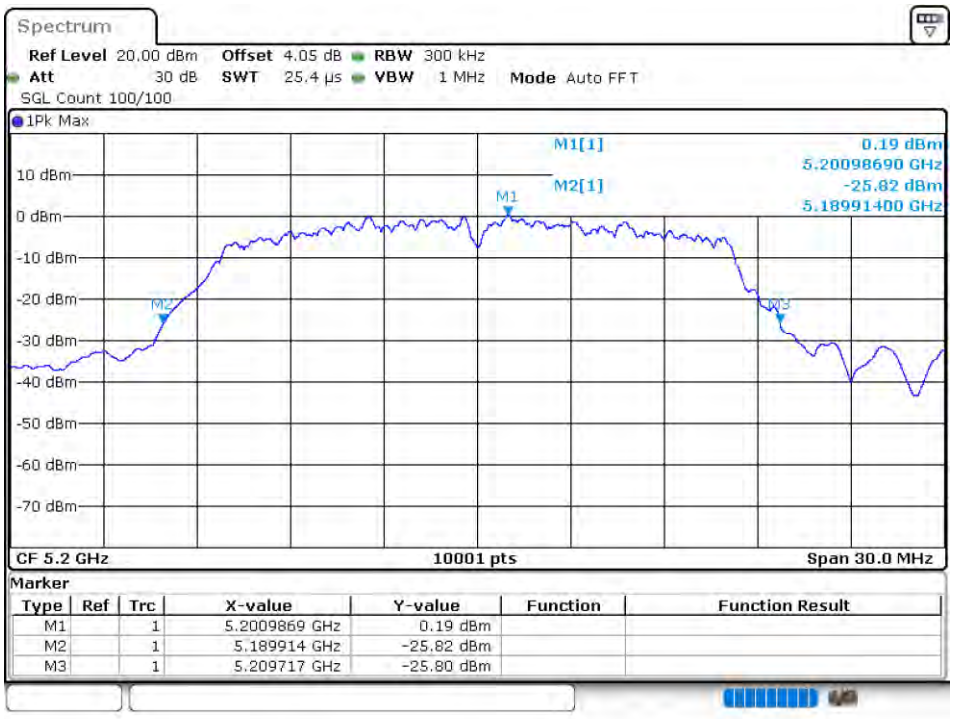
-26dB Bandwidth NVNT a 5240MHz Ant1



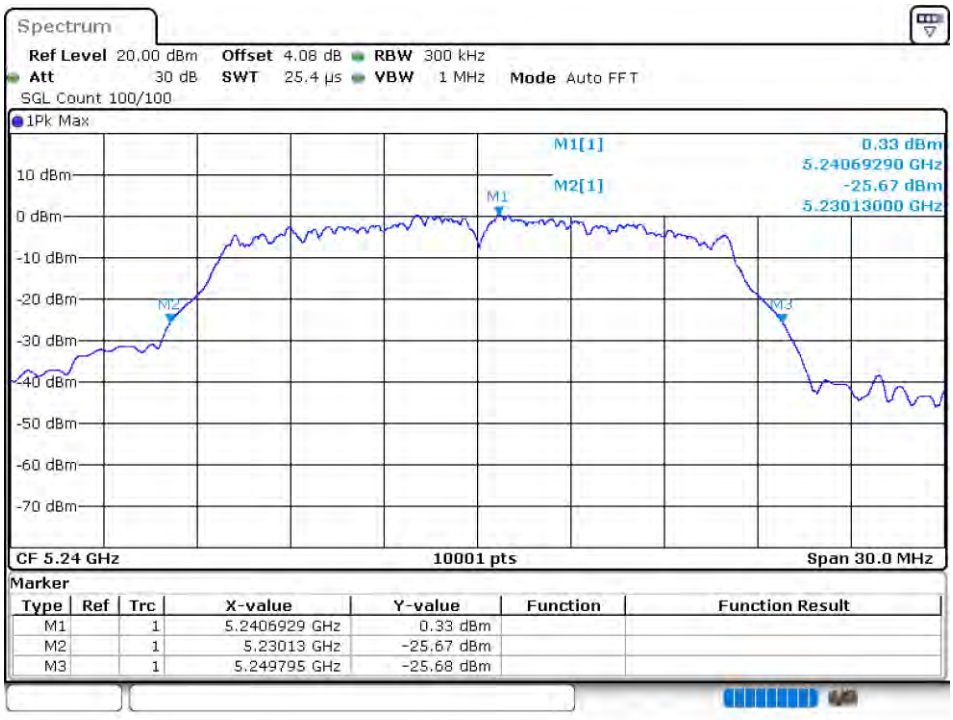
-26dB Bandwidth NVNT a 5180MHz Ant2



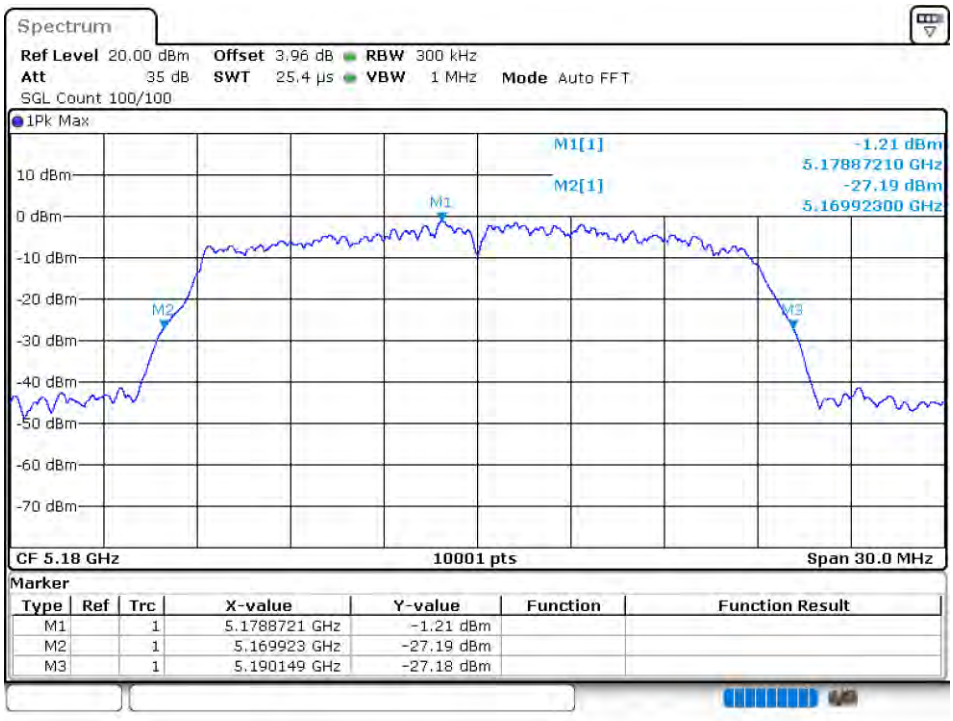
-26dB Bandwidth NVNT a 5200MHz Ant2



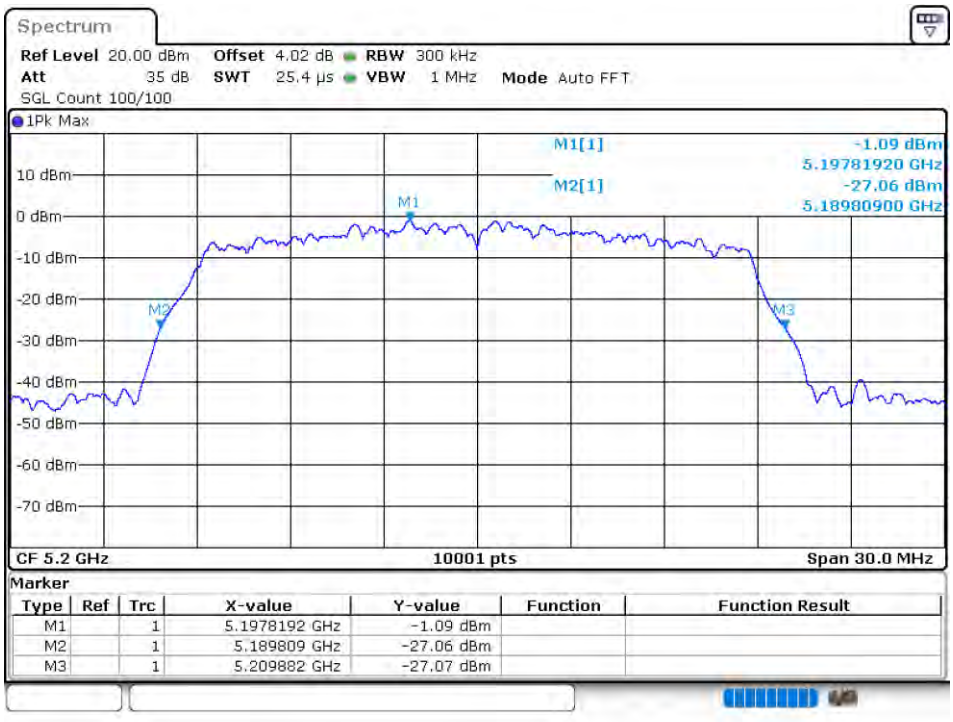
-26dB Bandwidth NVNT a 5240MHz Ant2



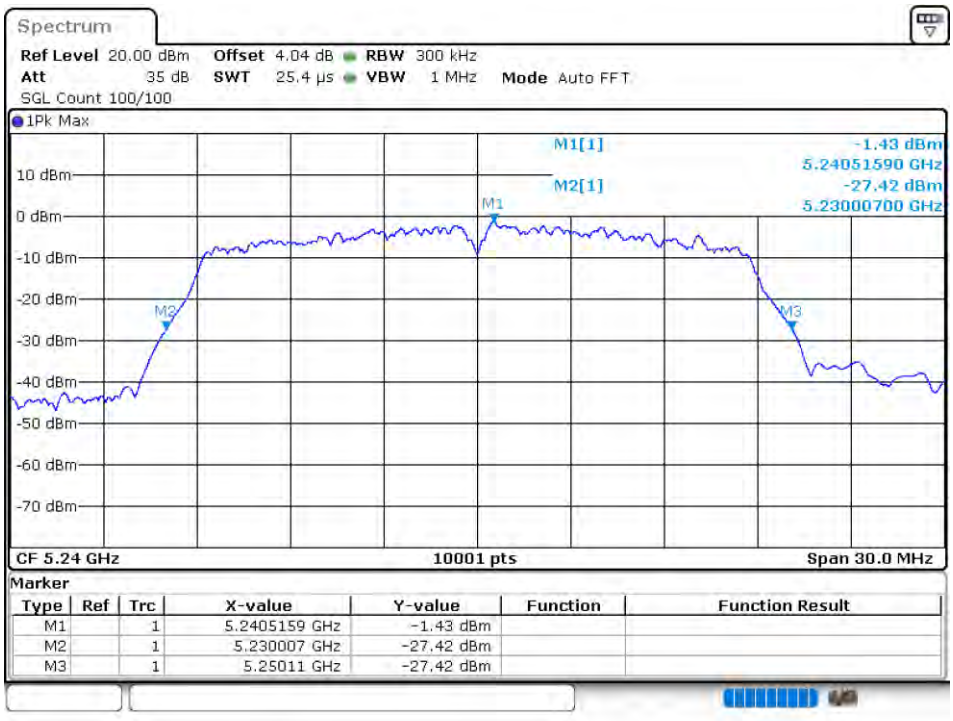
-26dB Bandwidth NVNT n20 5180MHz Ant1



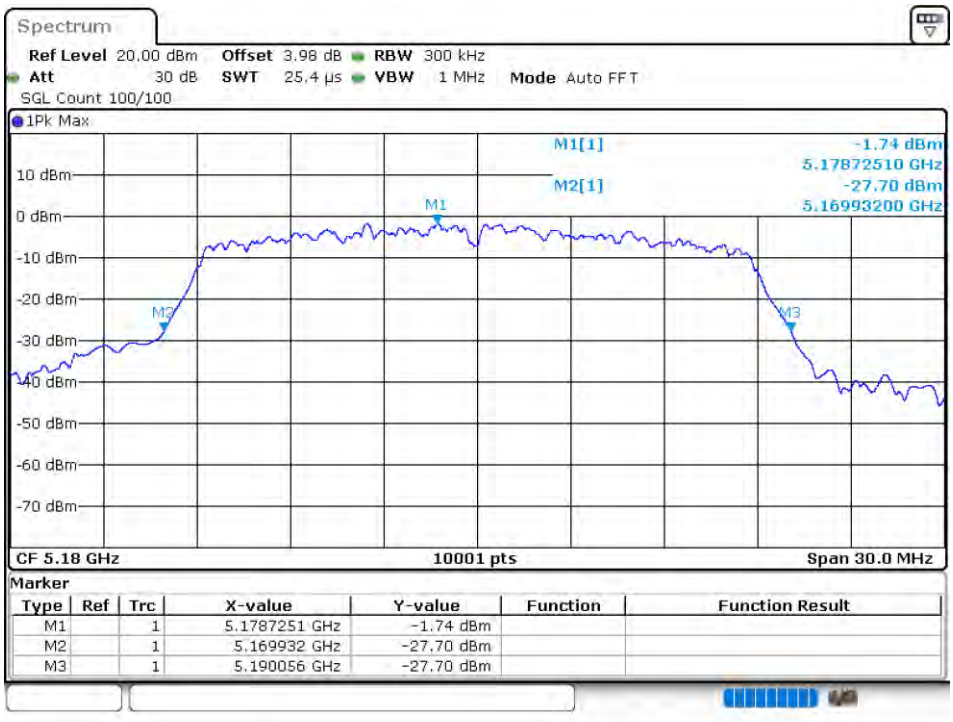
-26dB Bandwidth NVNT n20 5200MHz Ant1



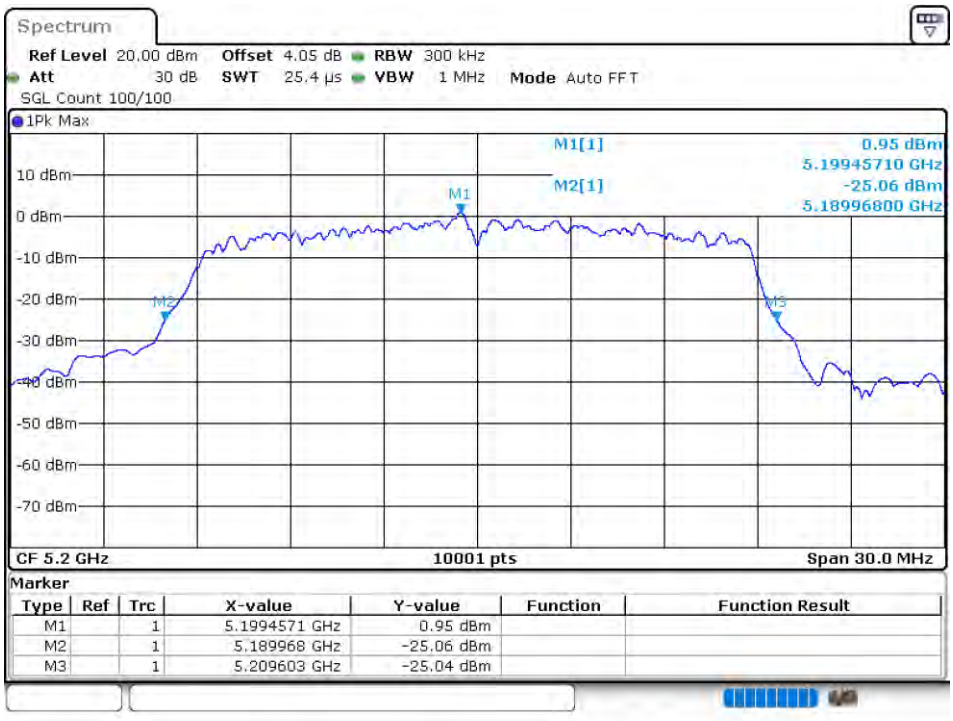
-26dB Bandwidth NVNT n20 5240MHz Ant1



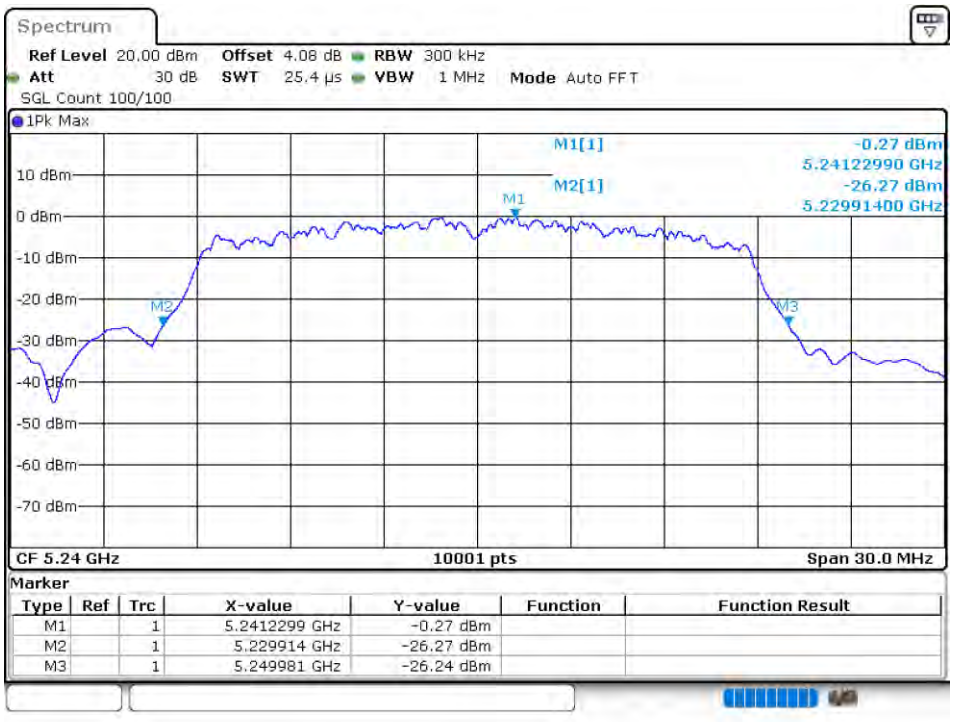
-26dB Bandwidth NVNT n20 5180MHz Ant2



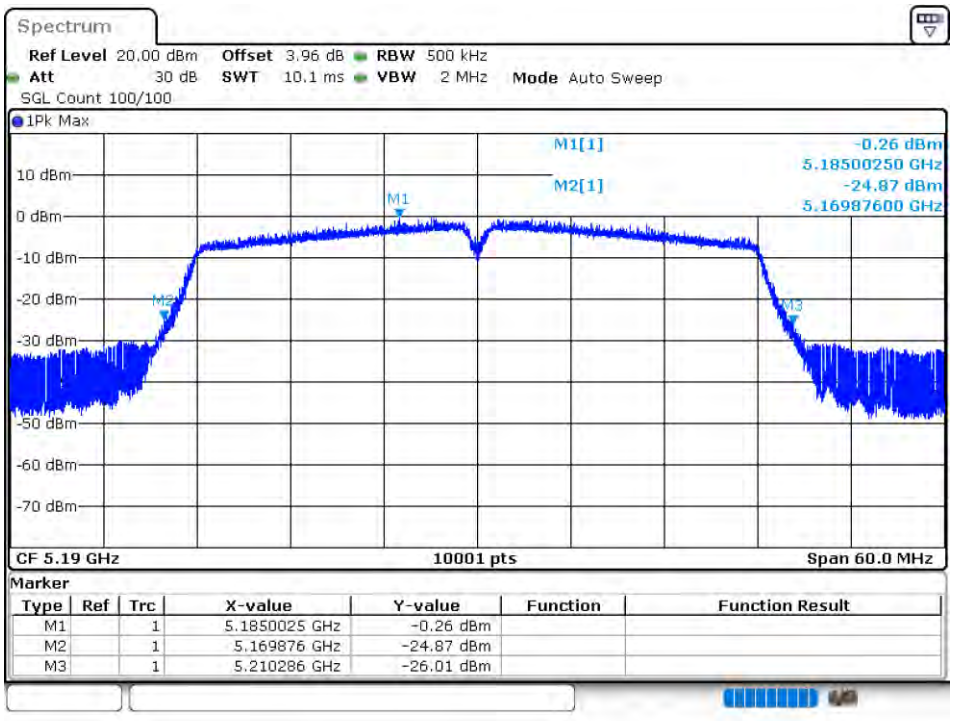
-26dB Bandwidth NVNT n20 5200MHz Ant2



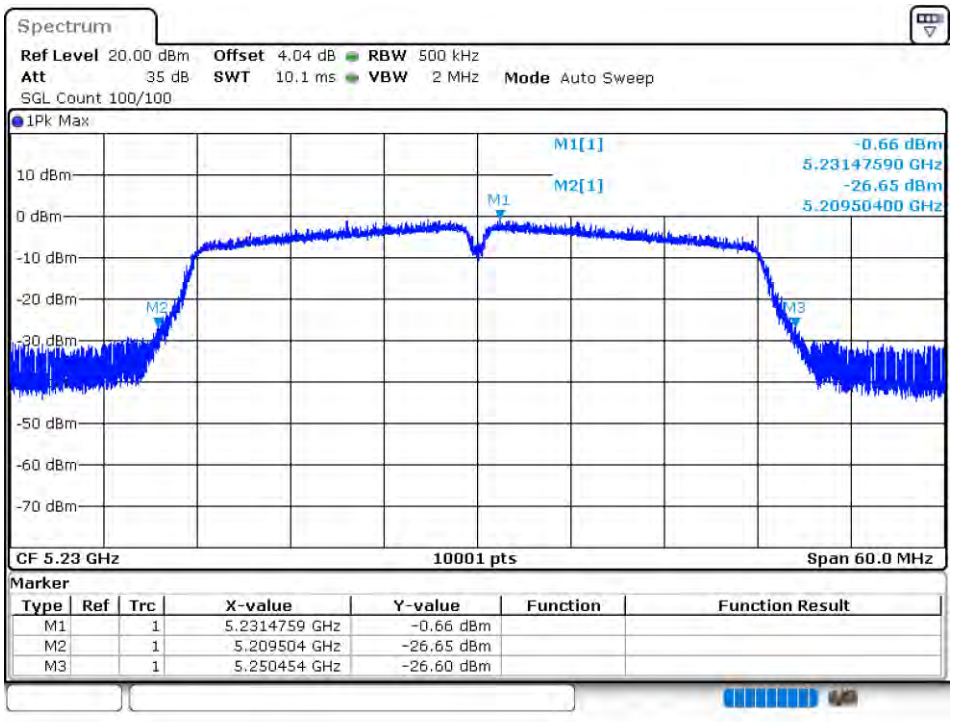
-26dB Bandwidth NVNT n20 5240MHz Ant2



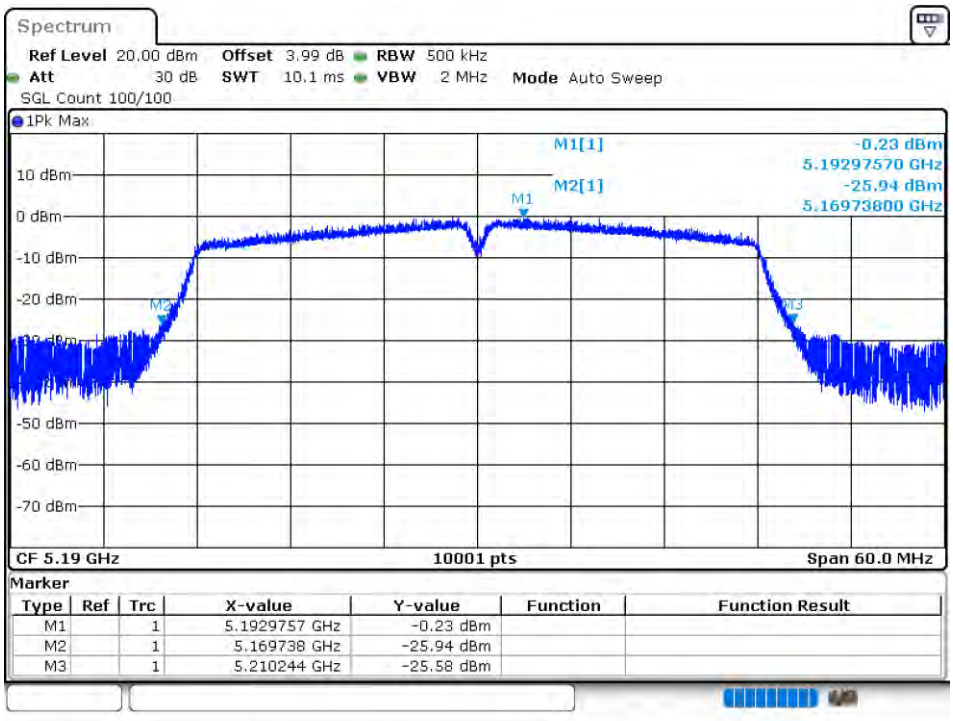
-26dB Bandwidth NVNT n40 5190MHz Ant1



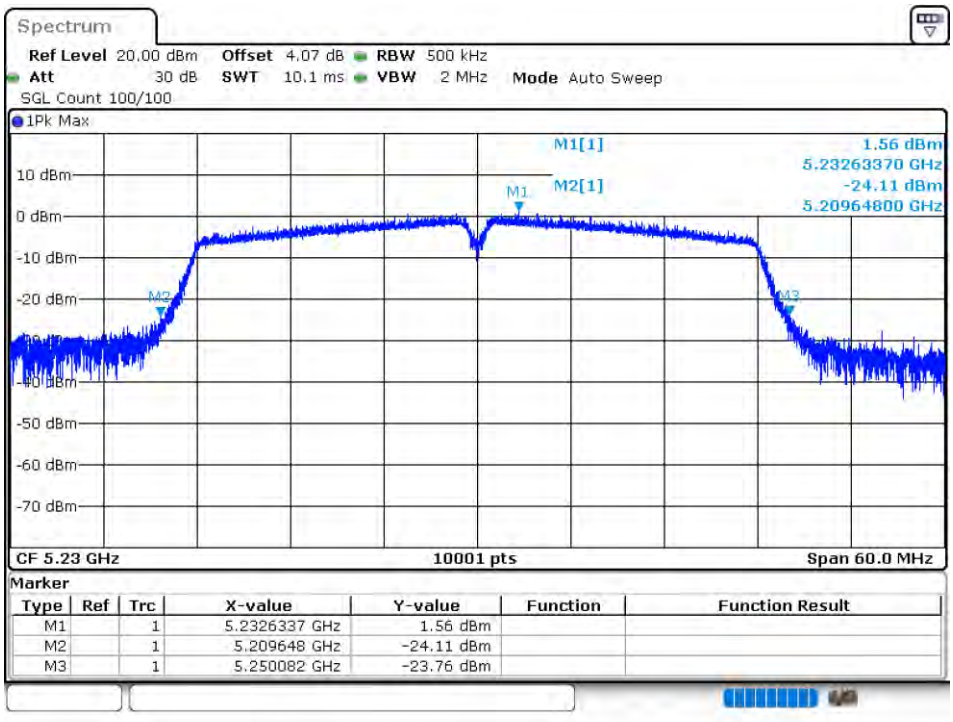
-26dB Bandwidth NVNT n40 5230MHz Ant1



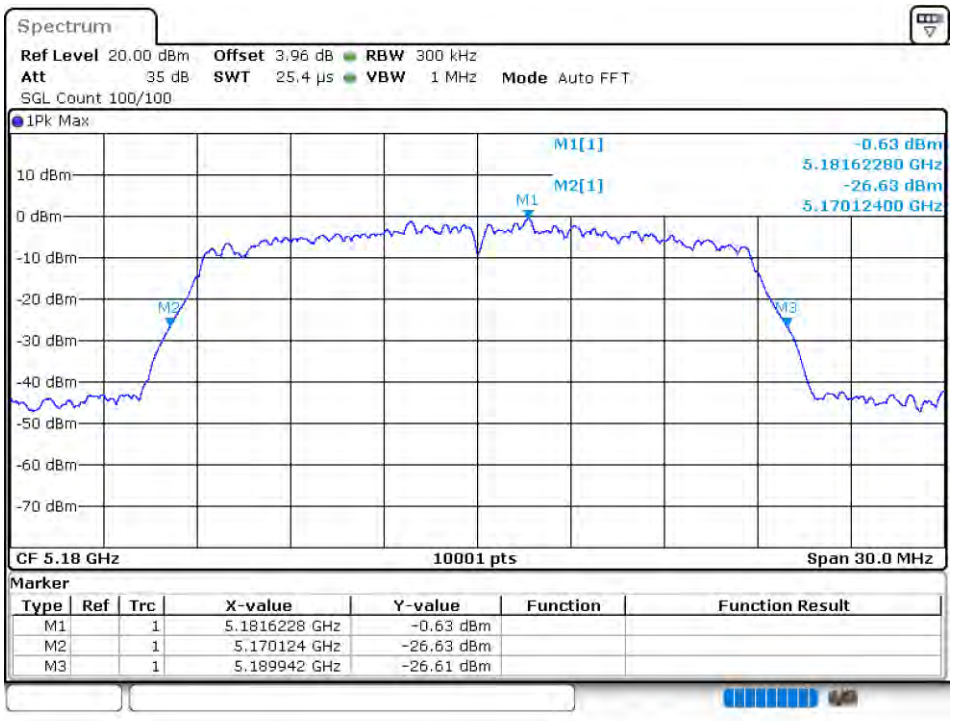
-26dB Bandwidth NVNT n40 5190MHz Ant2



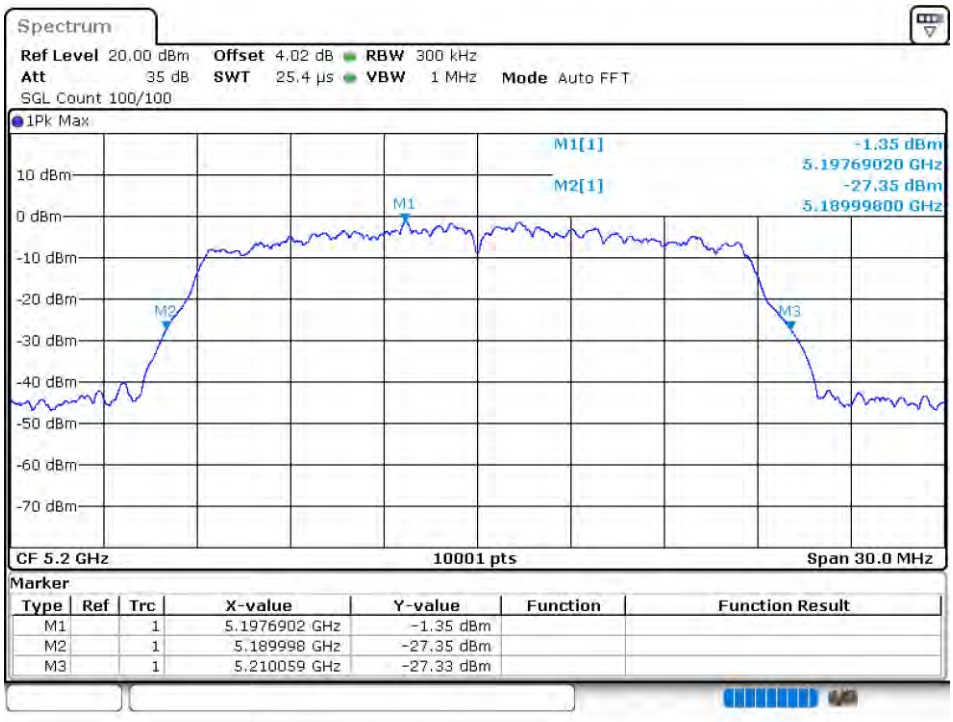
-26dB Bandwidth NVNT n40 5230MHz Ant2



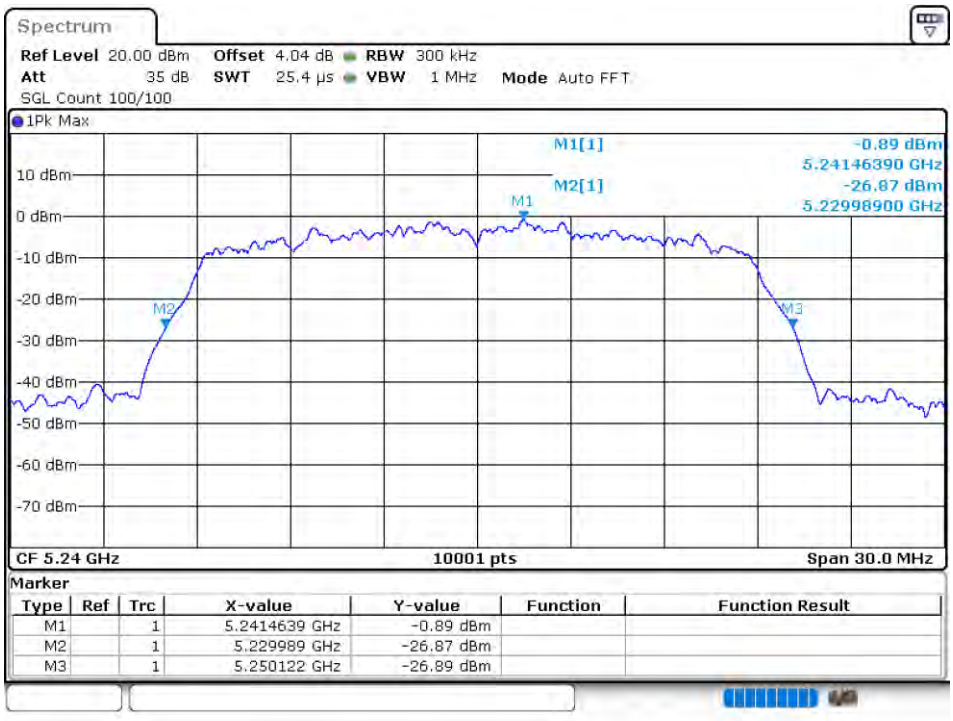
-26dB Bandwidth NVNT ac20 5180MHz Ant1



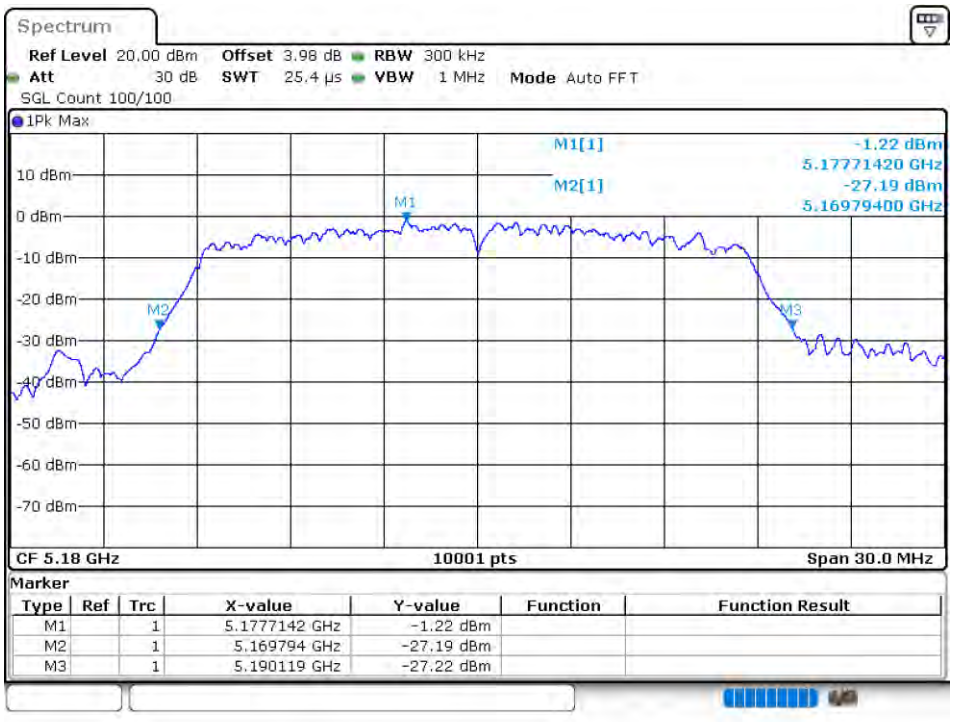
-26dB Bandwidth NVNT ac20 5200MHz Ant1



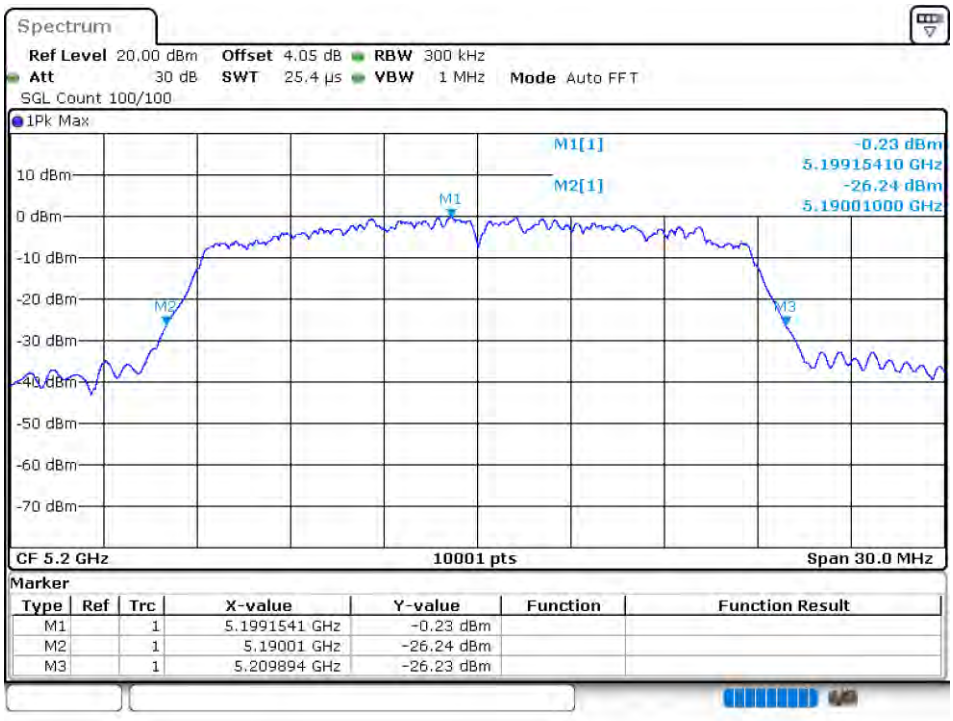
-26dB Bandwidth NVNT ac20 5240MHz Ant1



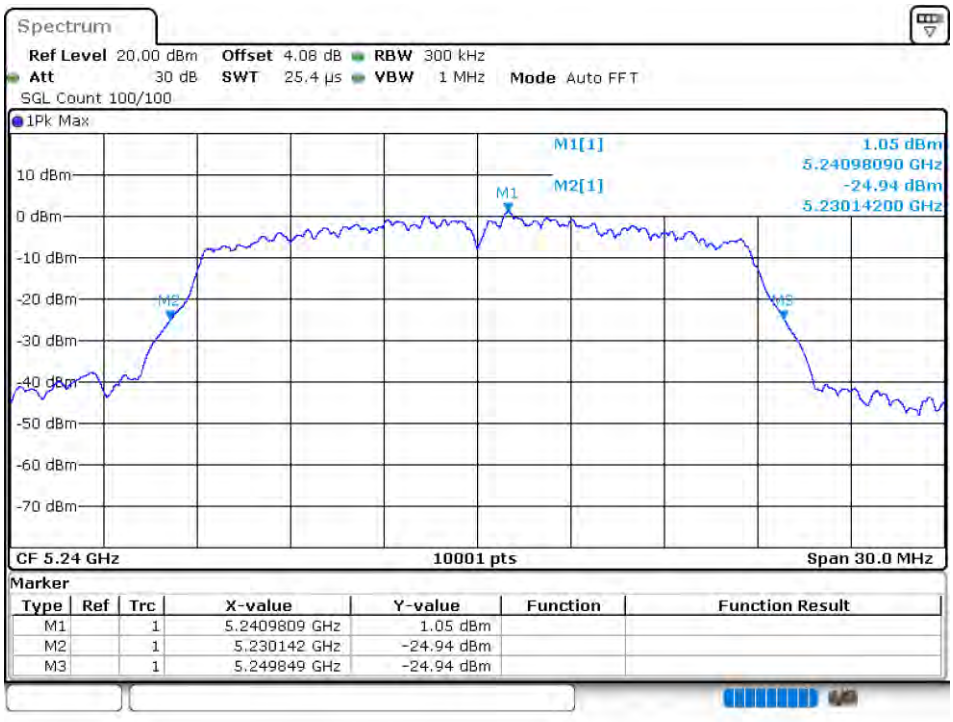
-26dB Bandwidth NVNT ac20 5180MHz Ant2



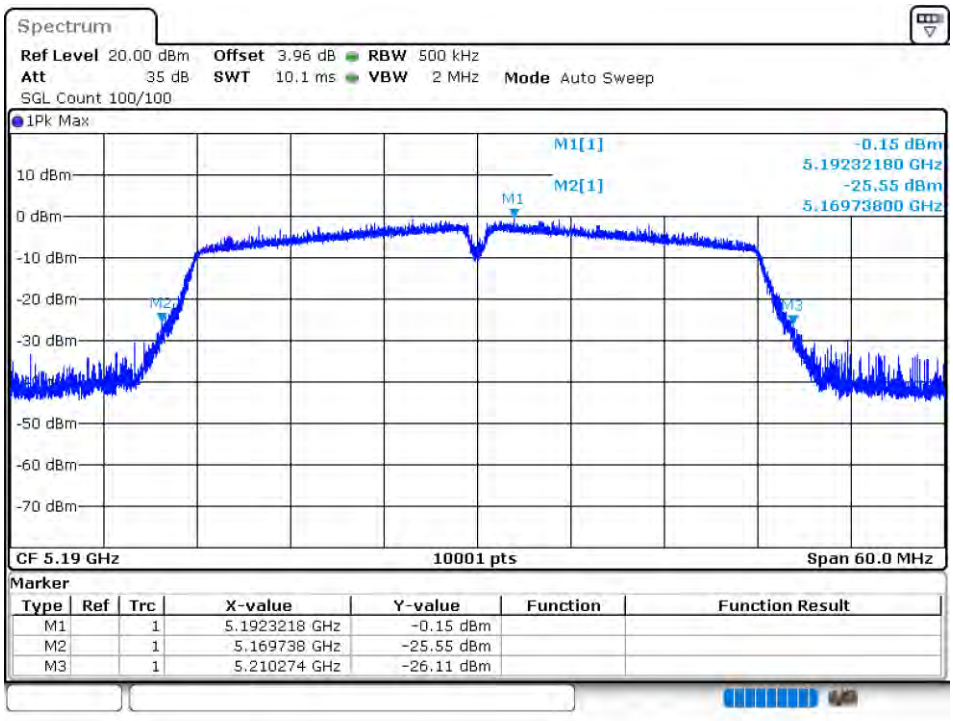
-26dB Bandwidth NVNT ac20 5200MHz Ant2



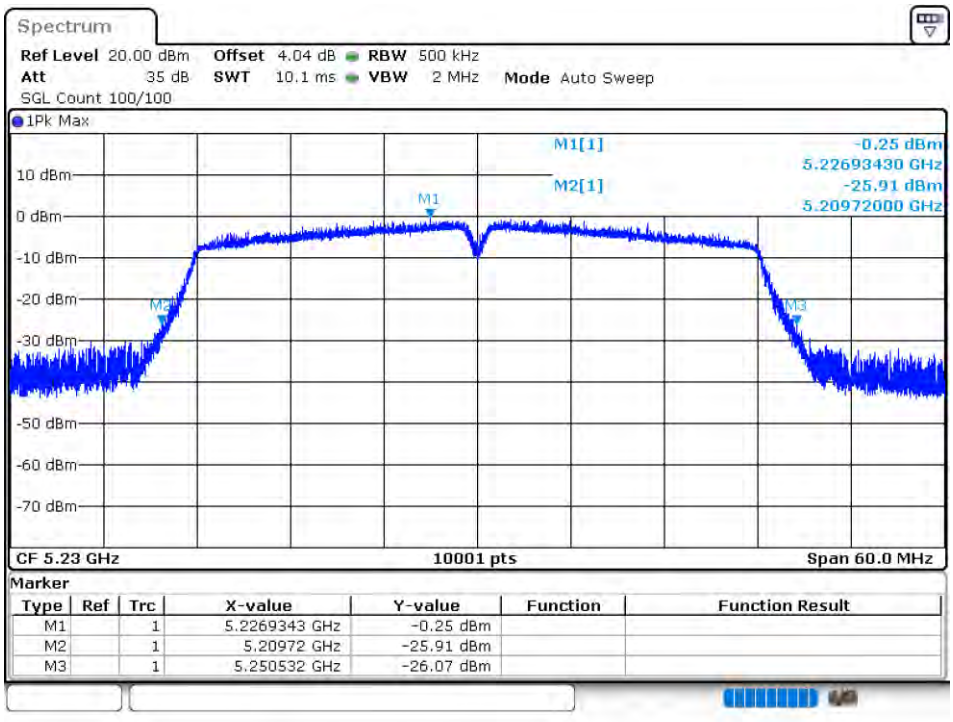
-26dB Bandwidth NVNT ac20 5240MHz Ant2



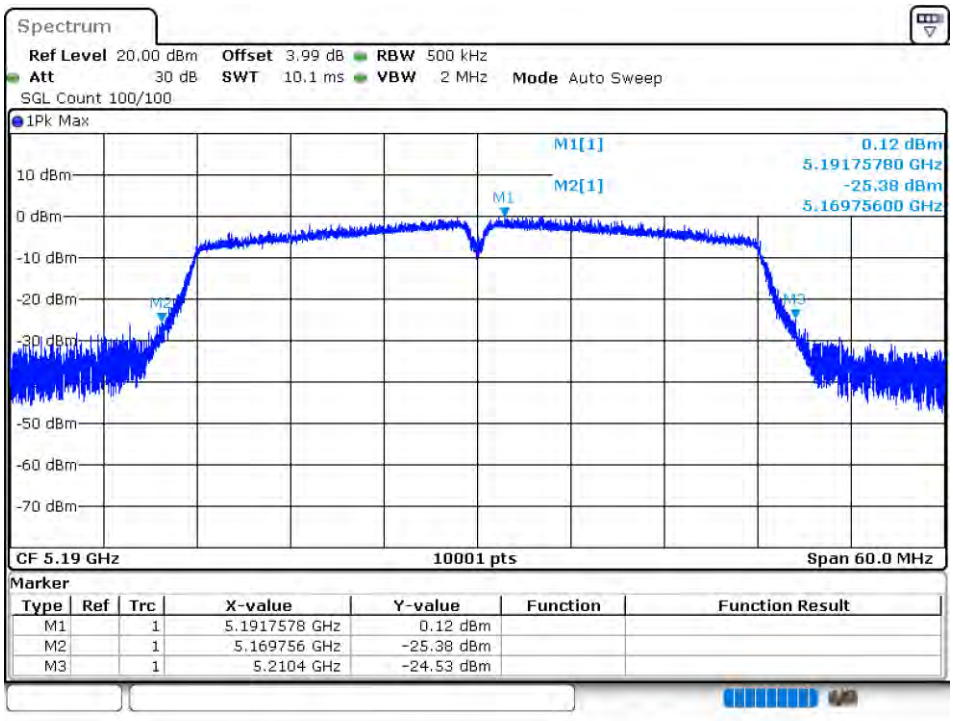
-26dB Bandwidth NVNT ac40 5190MHz Ant1



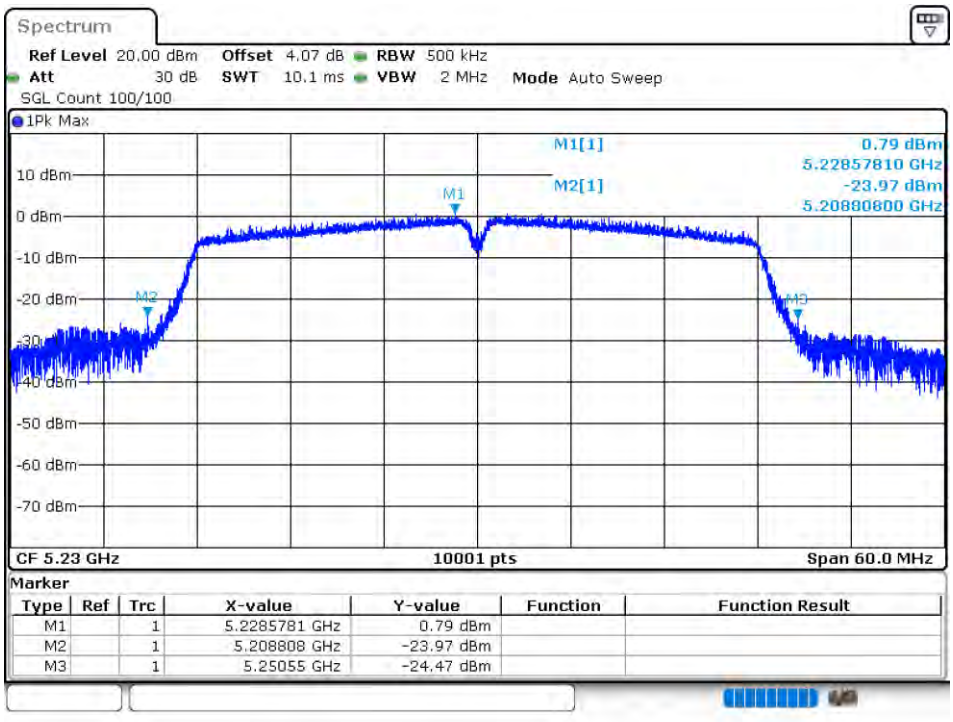
-26dB Bandwidth NVNT ac40 5230MHz Ant1



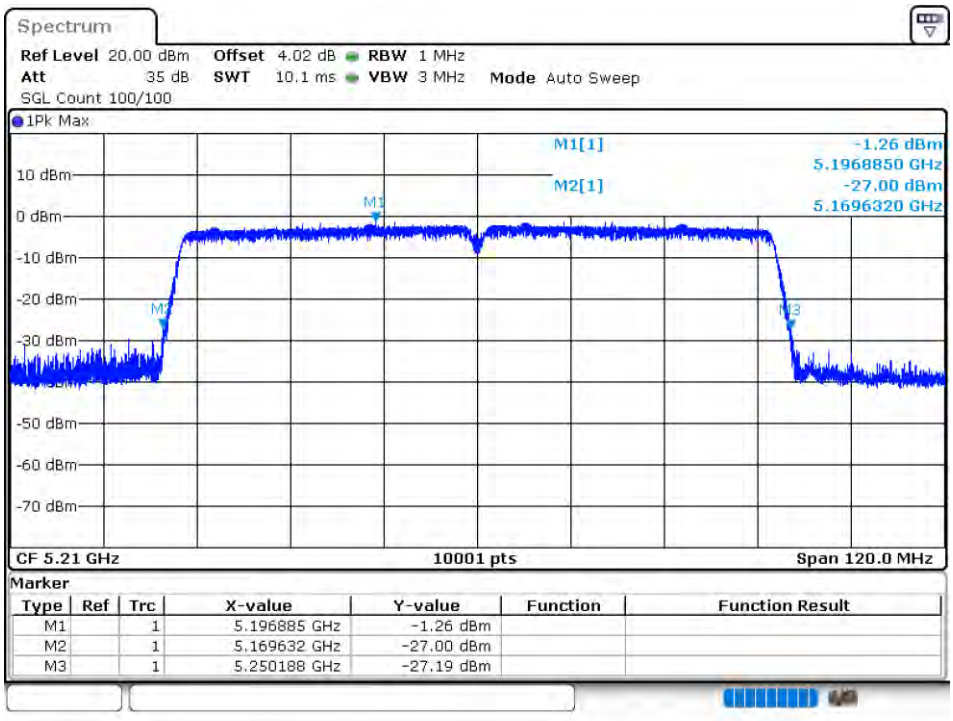
-26dB Bandwidth NVNT ac40 5190MHz Ant2



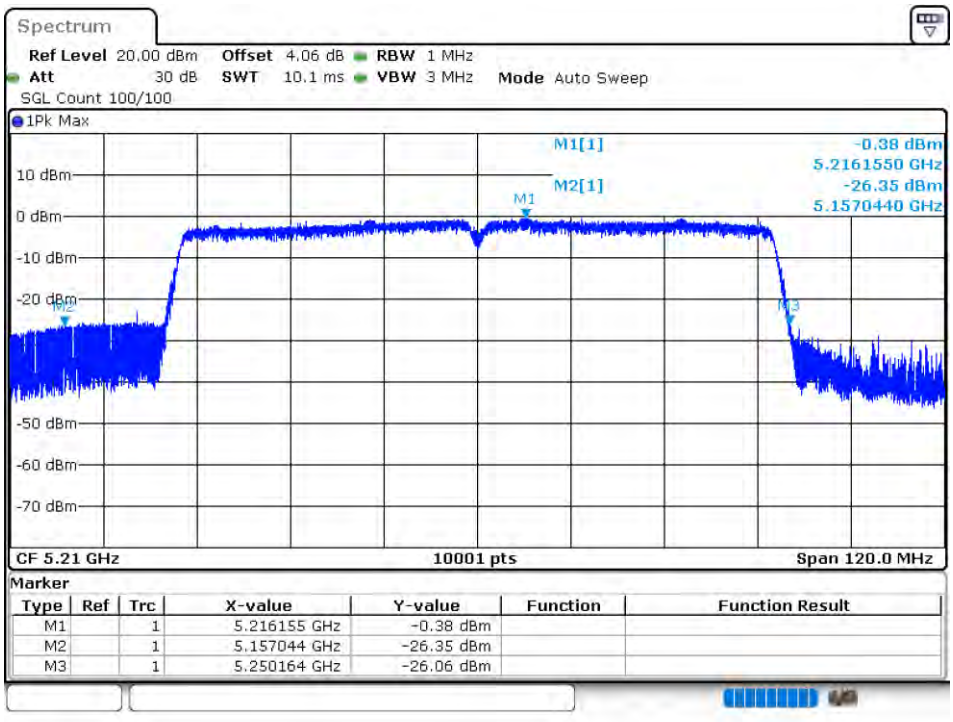
-26dB Bandwidth NVNT ac40 5230MHz Ant2



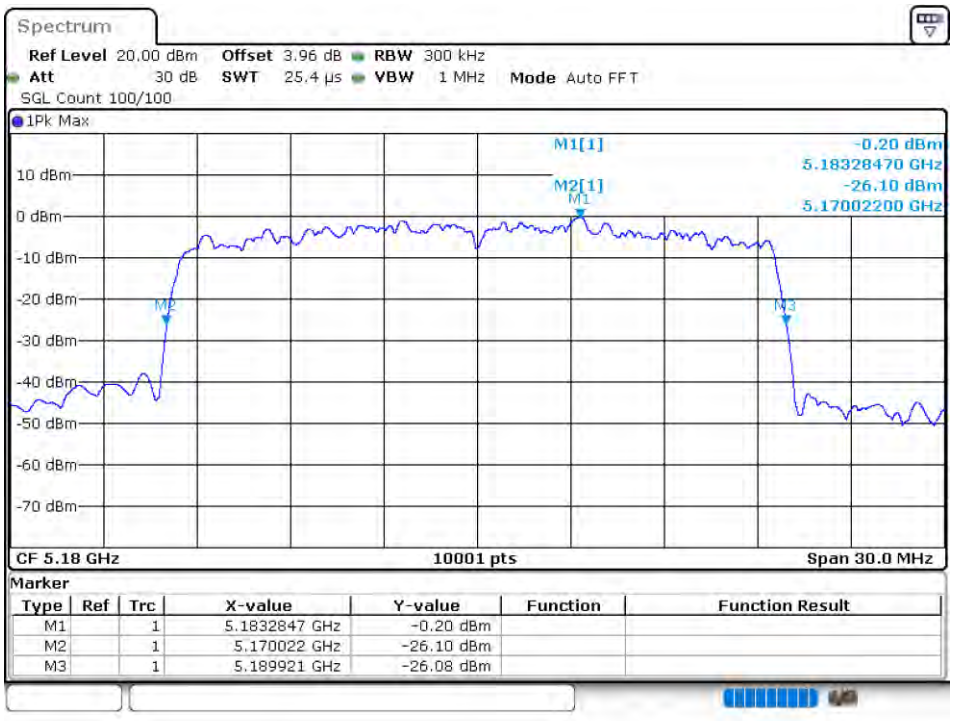
-26dB Bandwidth NVNT ac80 5210MHz Ant1



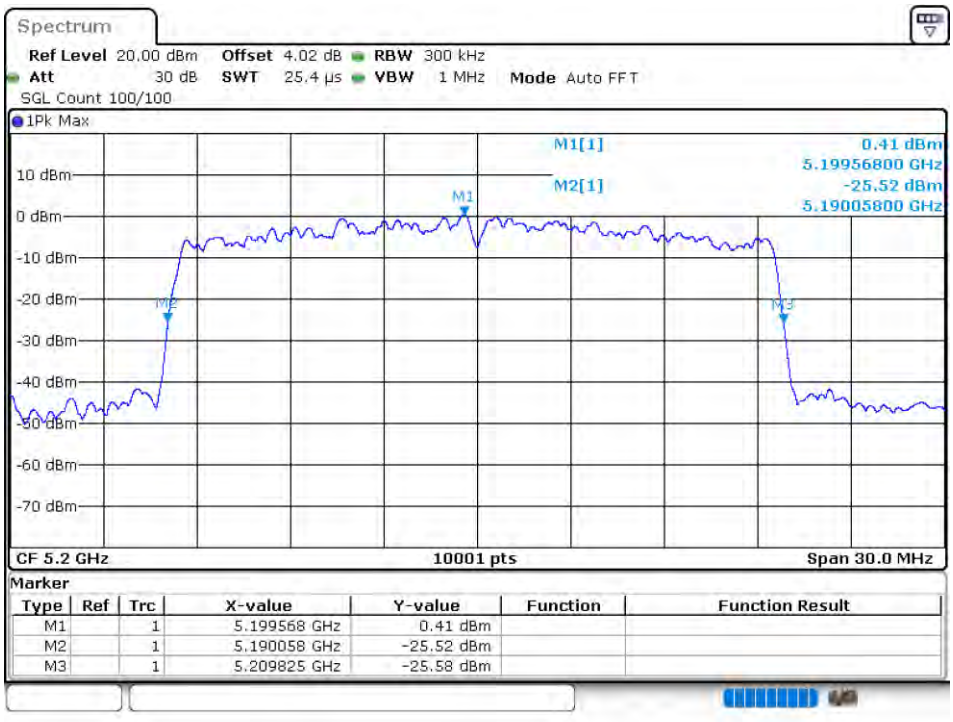
-26dB Bandwidth NVNT ac80 5210MHz Ant2



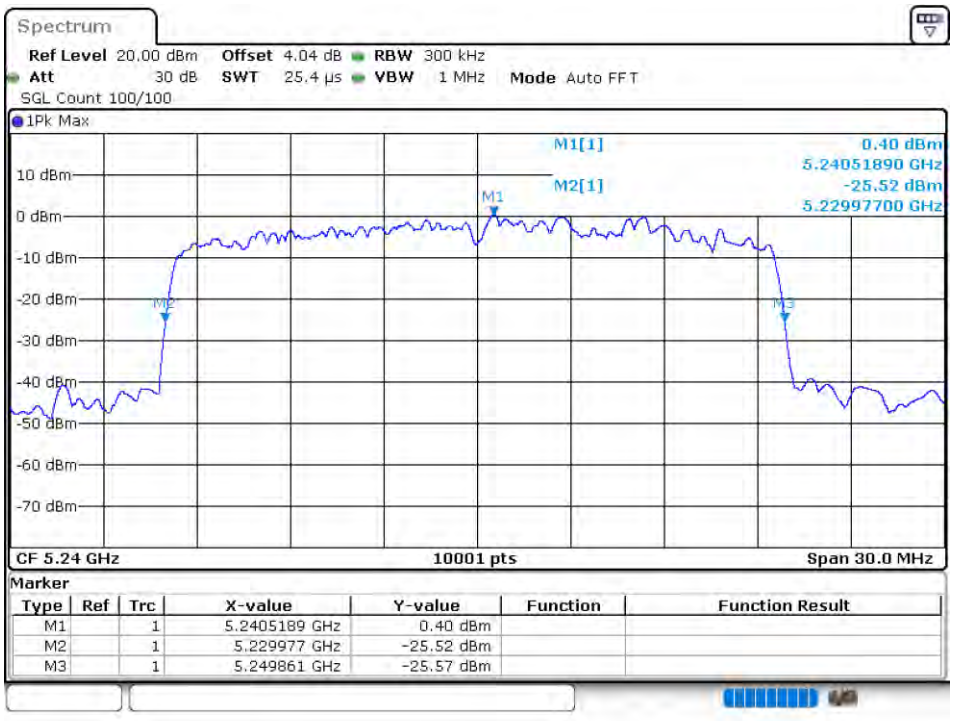
-26dB Bandwidth NVNT ax20 5180MHz Ant1



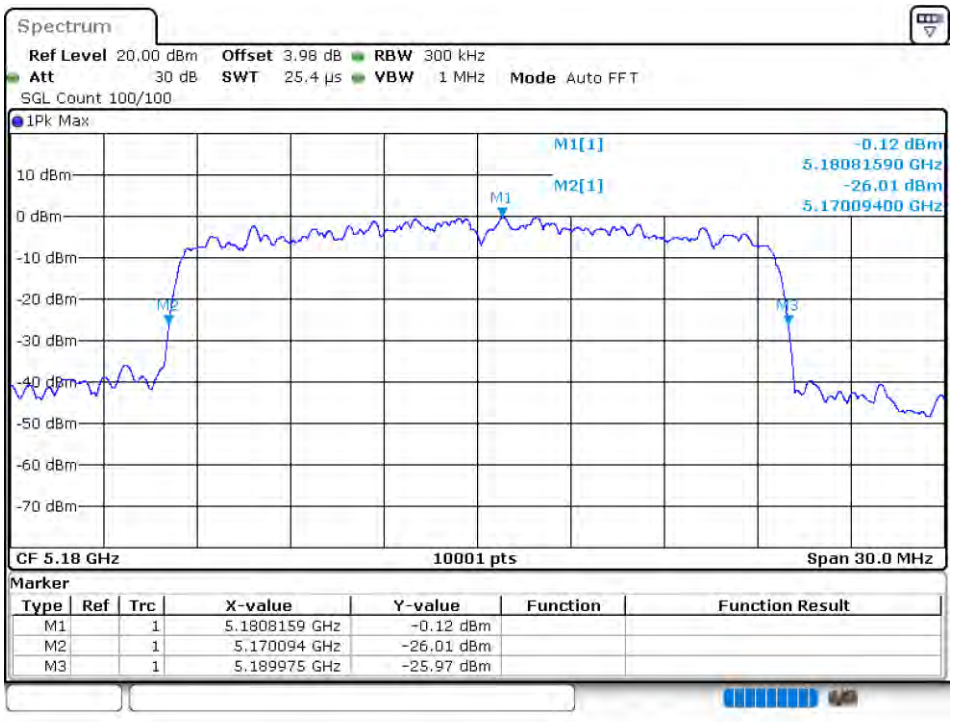
-26dB Bandwidth NVNT ax20 5200MHz Ant1



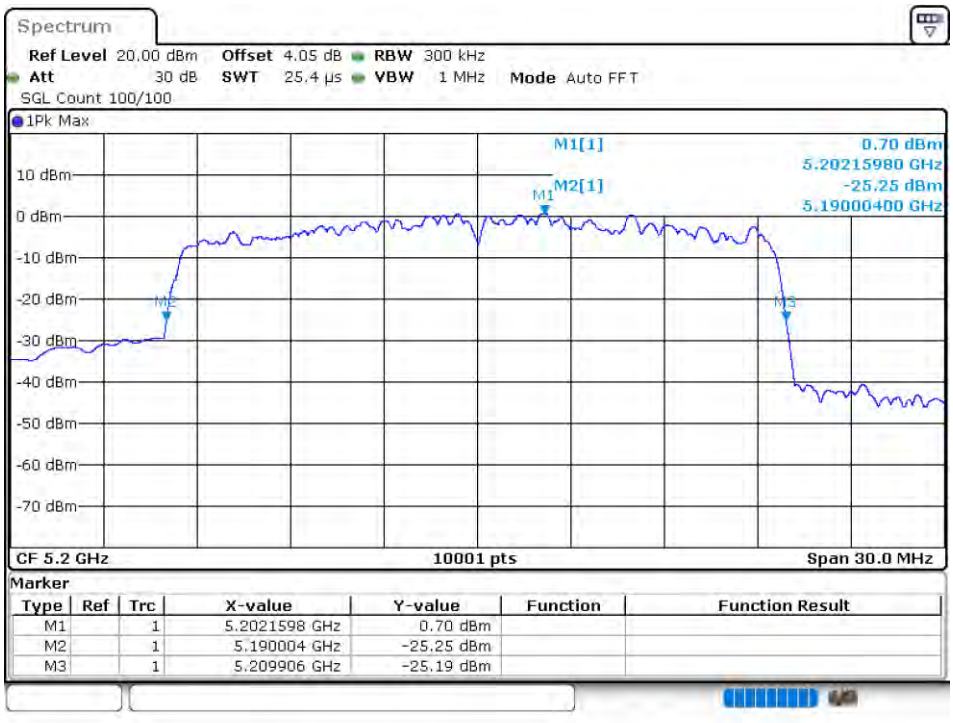
-26dB Bandwidth NVNT ax20 5240MHz Ant1



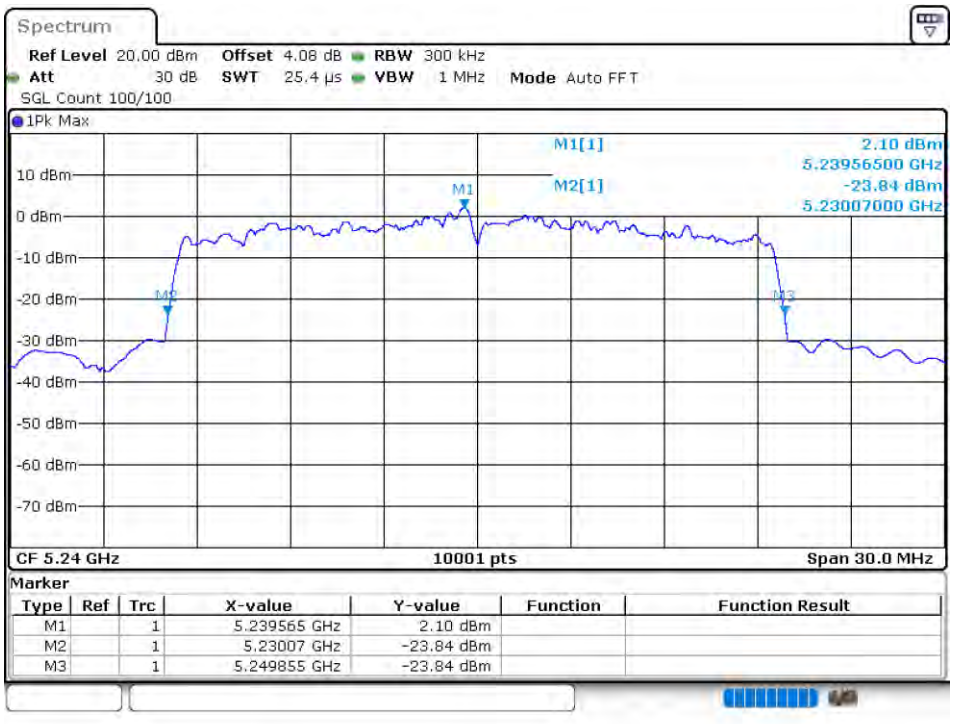
-26dB Bandwidth NVNT ax20 5180MHz Ant2



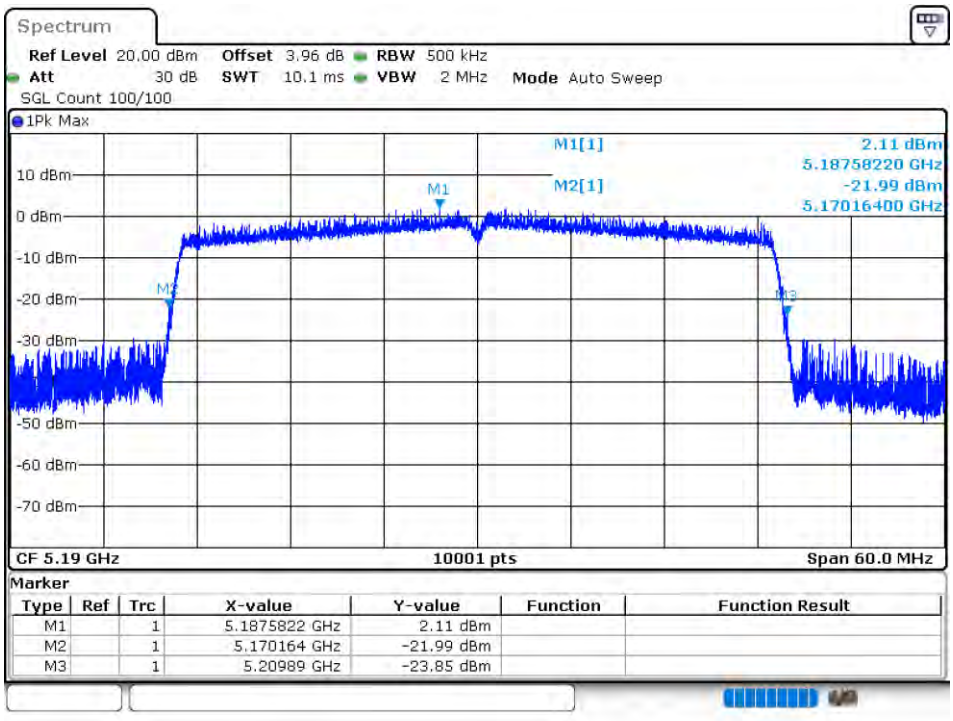
-26dB Bandwidth NVNT ax20 5200MHz Ant2



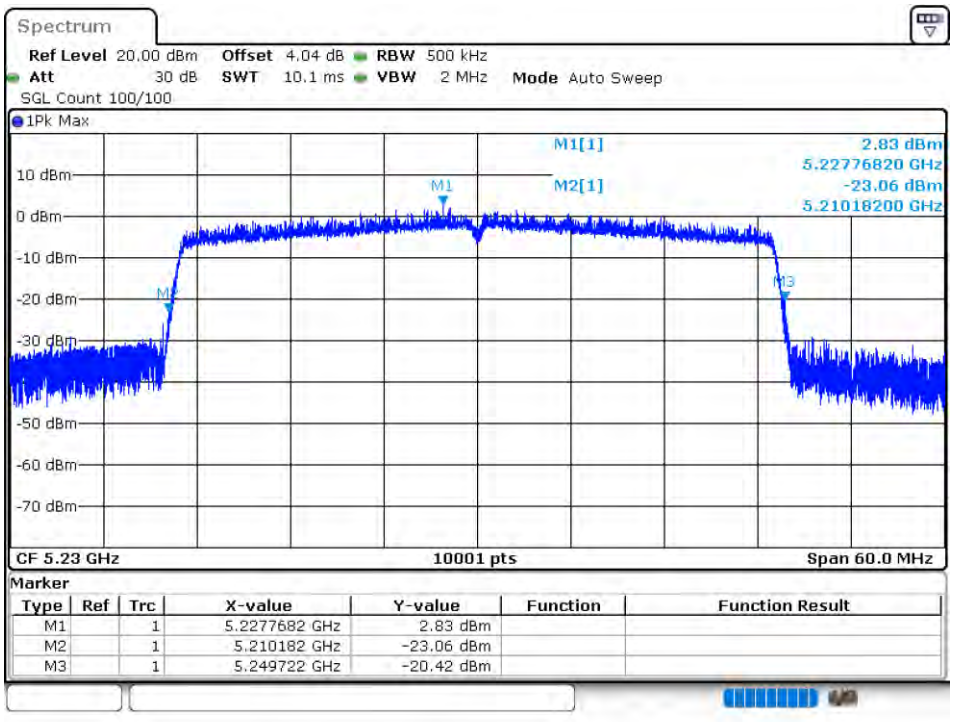
-26dB Bandwidth NVNT ax20 5240MHz Ant2



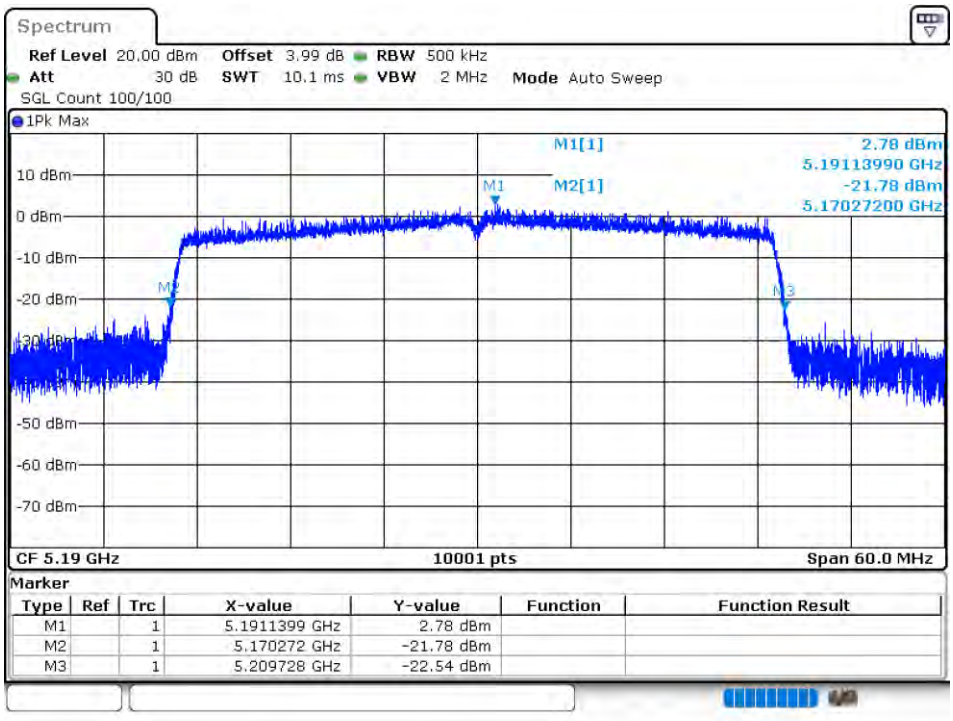
-26dB Bandwidth NVNT ax40 5190MHz Ant1



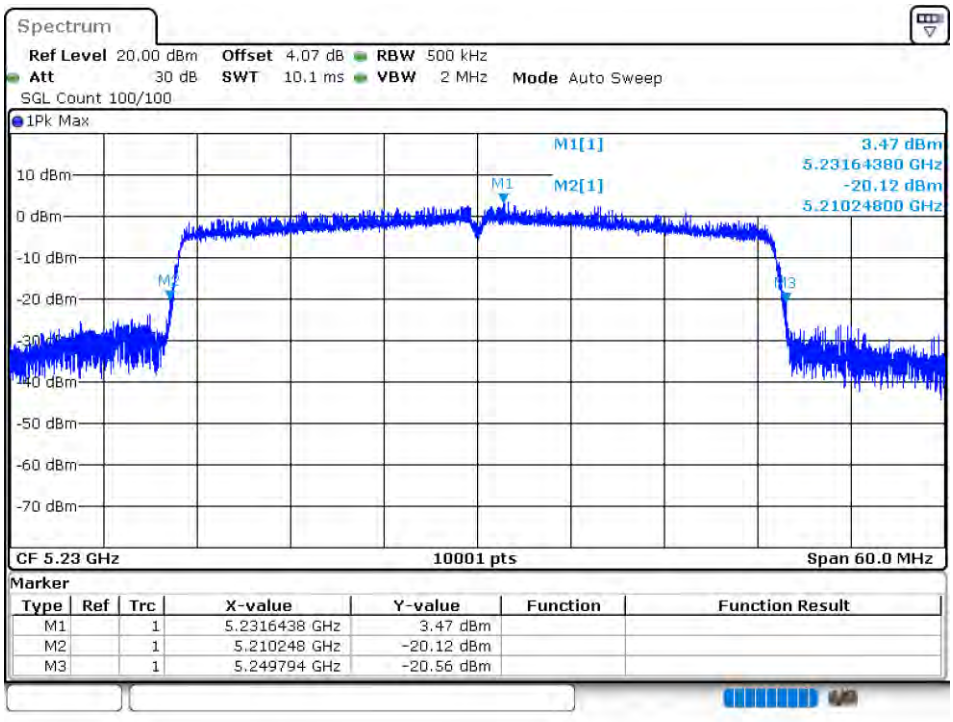
-26dB Bandwidth NVNT ax40 5230MHz Ant1



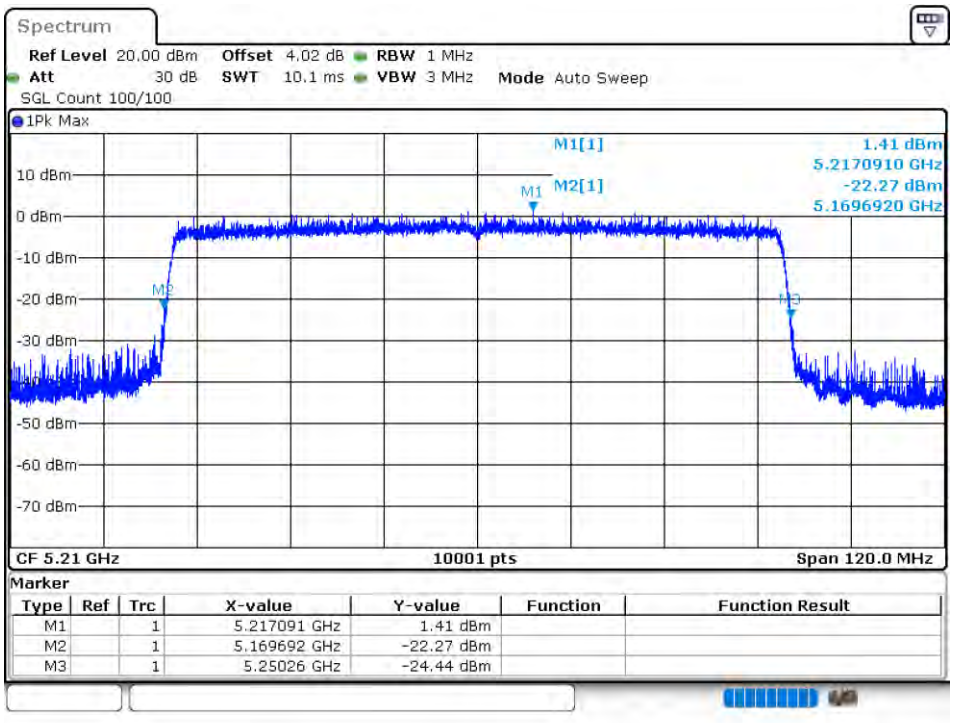
-26dB Bandwidth NVNT ax40 5190MHz Ant2



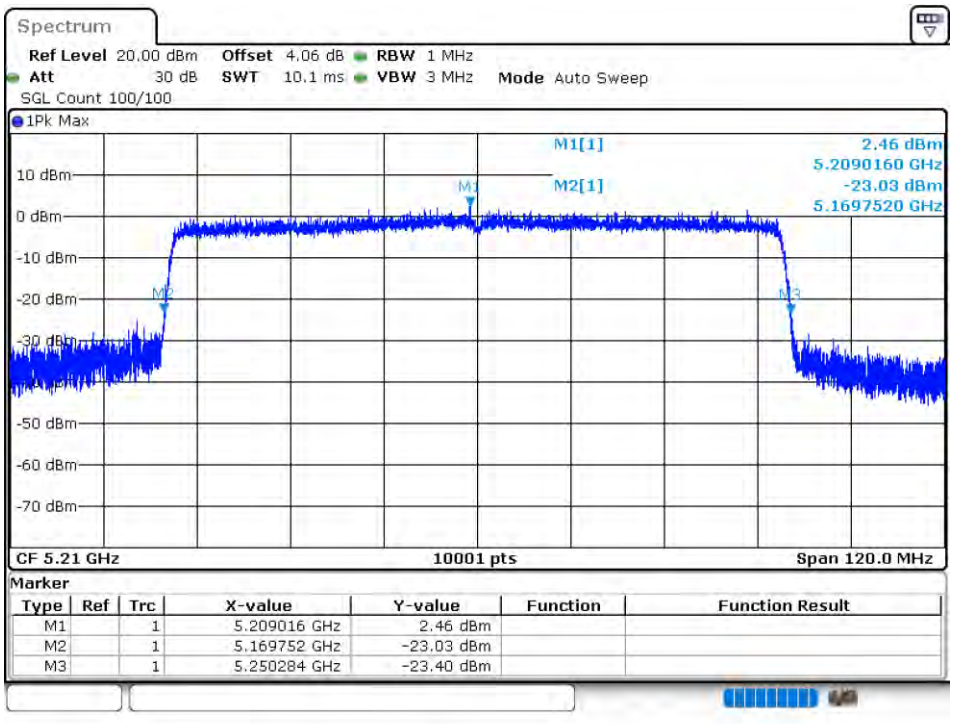
-26dB Bandwidth NVNT ax40 5230MHz Ant2



-26dB Bandwidth NVNT ax80 5210MHz Ant1



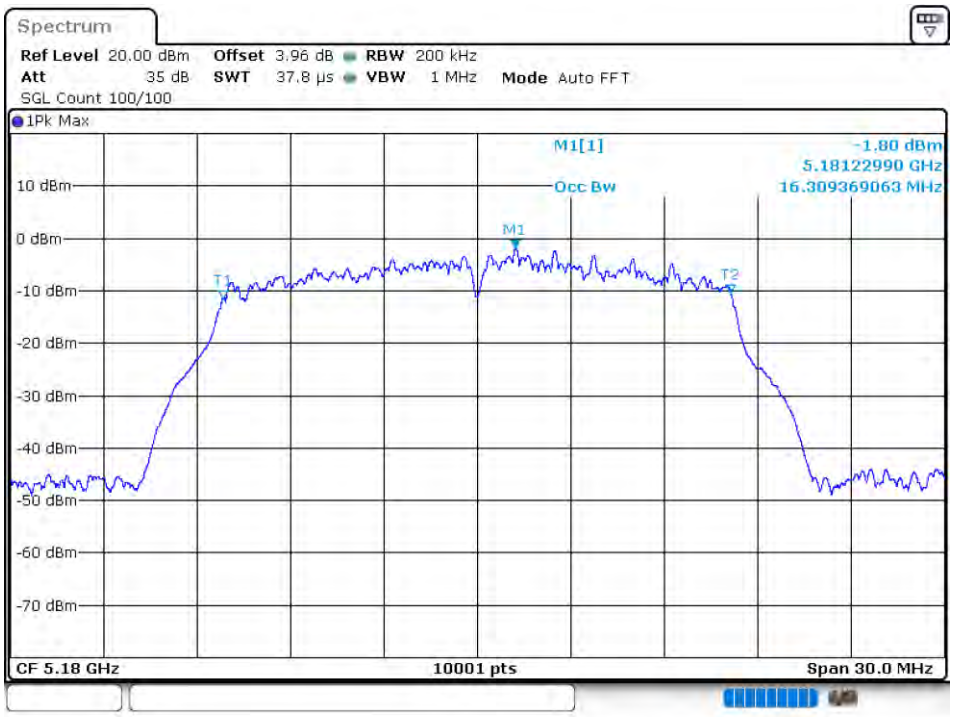
-26dB Bandwidth NVNT ax80 5210MHz Ant2



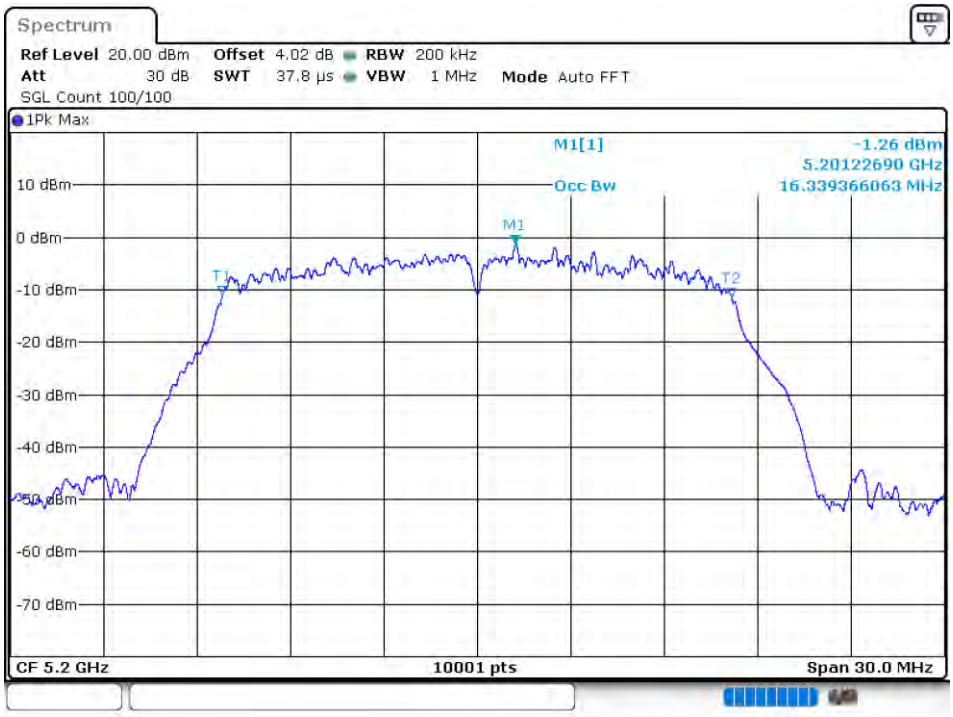
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.309
NVNT	a	5200	Ant1	16.339
NVNT	a	5240	Ant1	16.303
NVNT	a	5180	Ant2	16.366
NVNT	a	5200	Ant2	16.342
NVNT	a	5240	Ant2	16.279
NVNT	n20	5180	Ant1	17.608
NVNT	n20	5200	Ant1	17.401
NVNT	n20	5240	Ant1	17.446
NVNT	n20	5180	Ant2	17.557
NVNT	n20	5200	Ant2	17.428
NVNT	n20	5240	Ant2	17.467
NVNT	n40	5190	Ant1	35.906
NVNT	n40	5230	Ant1	35.972
NVNT	n40	5190	Ant2	35.954
NVNT	n40	5230	Ant2	35.966
NVNT	ac20	5180	Ant1	17.455
NVNT	ac20	5200	Ant1	17.434
NVNT	ac20	5240	Ant1	17.434
NVNT	ac20	5180	Ant2	17.458
NVNT	ac20	5200	Ant2	17.407
NVNT	ac20	5240	Ant2	17.359
NVNT	ac40	5190	Ant1	35.918
NVNT	ac40	5230	Ant1	35.96
NVNT	ac40	5190	Ant2	35.924
NVNT	ac40	5230	Ant2	35.966
NVNT	ac80	5210	Ant1	75.532
NVNT	ac80	5210	Ant2	75.472
NVNT	ax20	5180	Ant1	18.727
NVNT	ax20	5200	Ant1	18.697
NVNT	ax20	5240	Ant1	18.694
NVNT	ax20	5180	Ant2	18.751
NVNT	ax20	5200	Ant2	18.751
NVNT	ax20	5240	Ant2	18.712
NVNT	ax40	5190	Ant1	37.52
NVNT	ax40	5230	Ant1	37.538
NVNT	ax40	5190	Ant2	37.496
NVNT	ax40	5230	Ant2	37.49
NVNT	ax80	5210	Ant1	77.224
NVNT	ax80	5210	Ant2	77.092

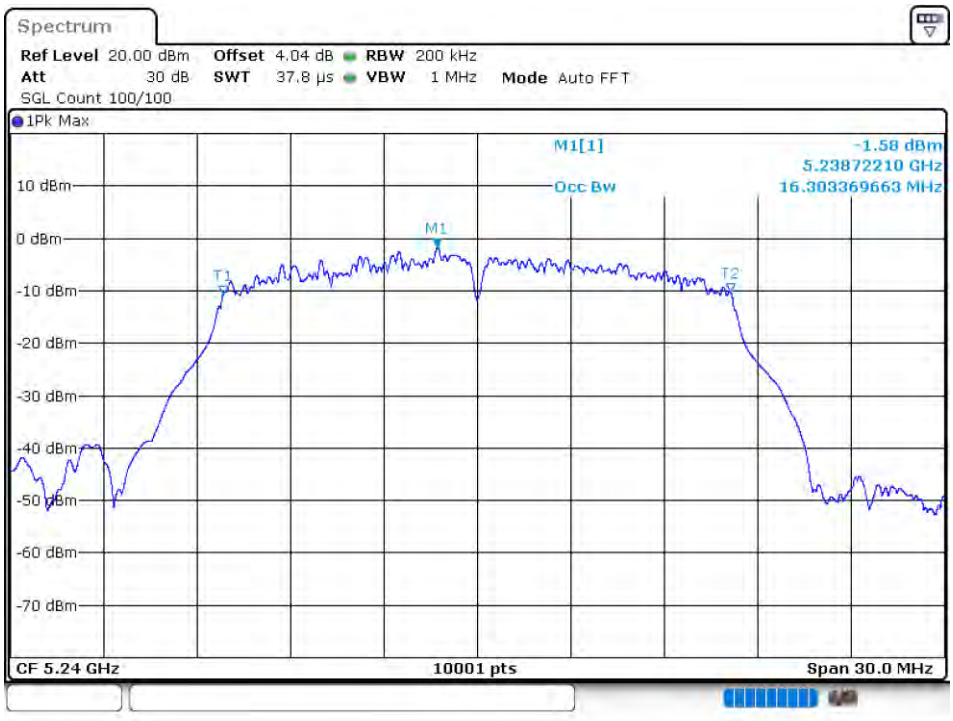
Test Graphs
OBW NVNT a 5180MHz Ant1



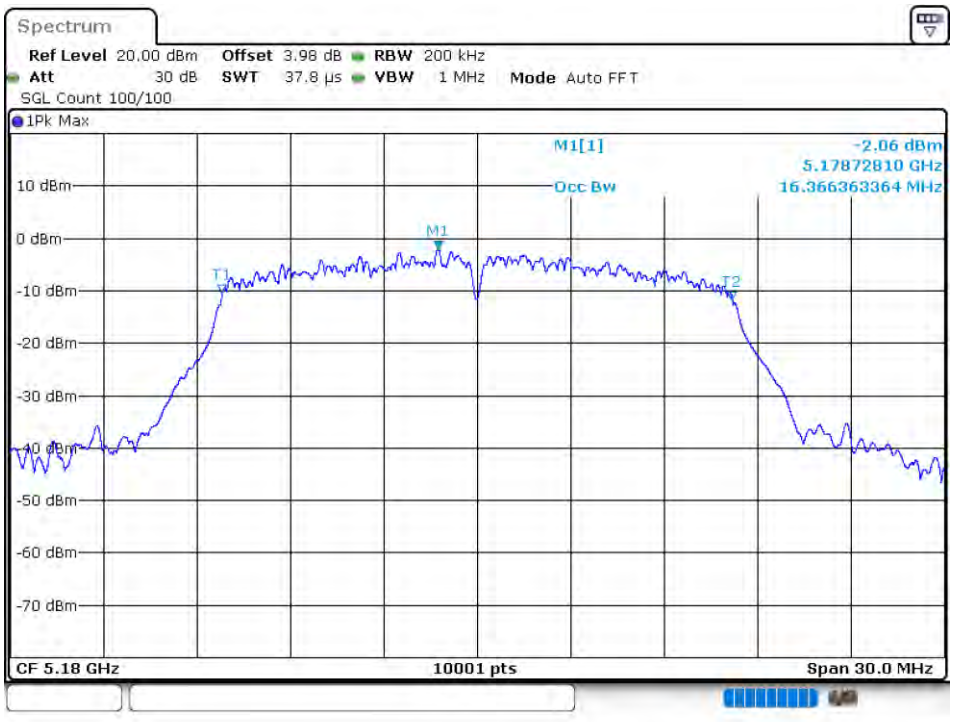
OBW NVNT a 5200MHz Ant1



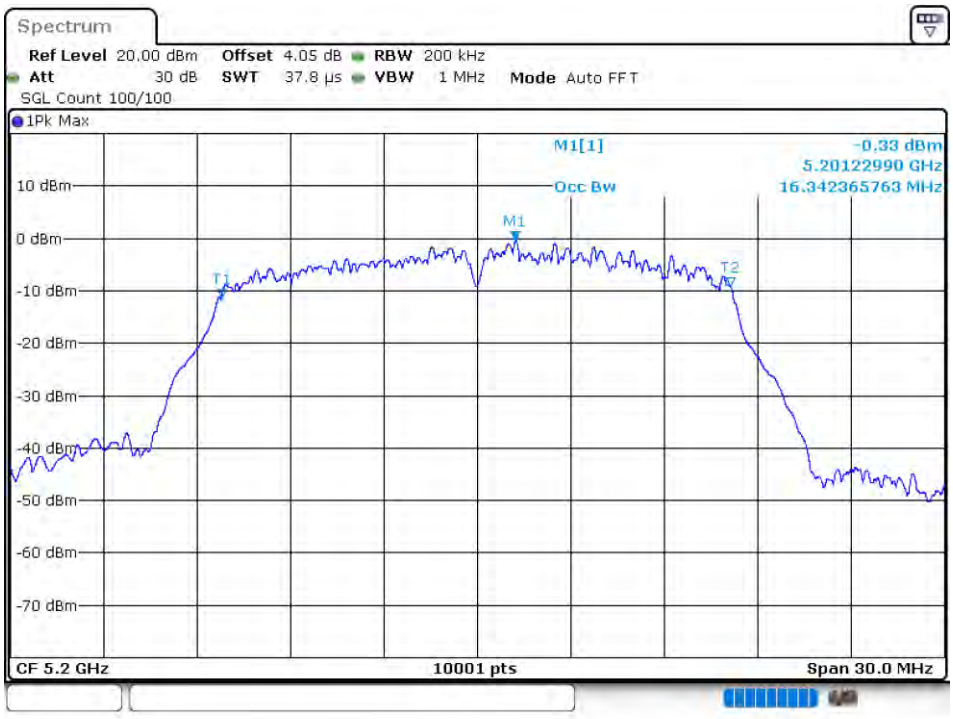
OBW NVNT a 5240MHz Ant1



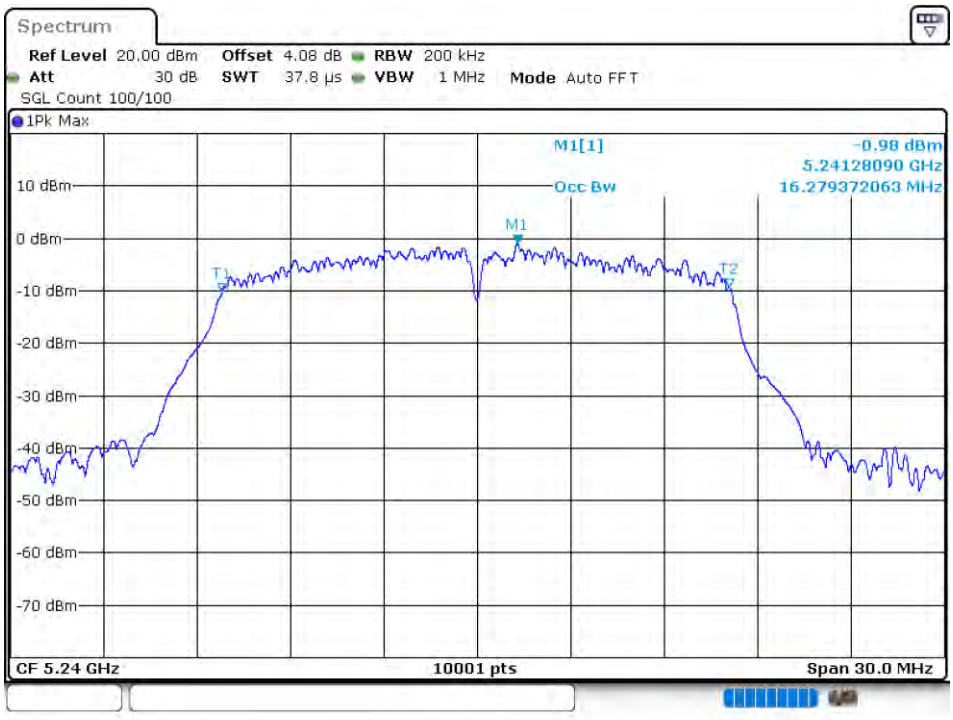
OBW NVNT a 5180MHz Ant2



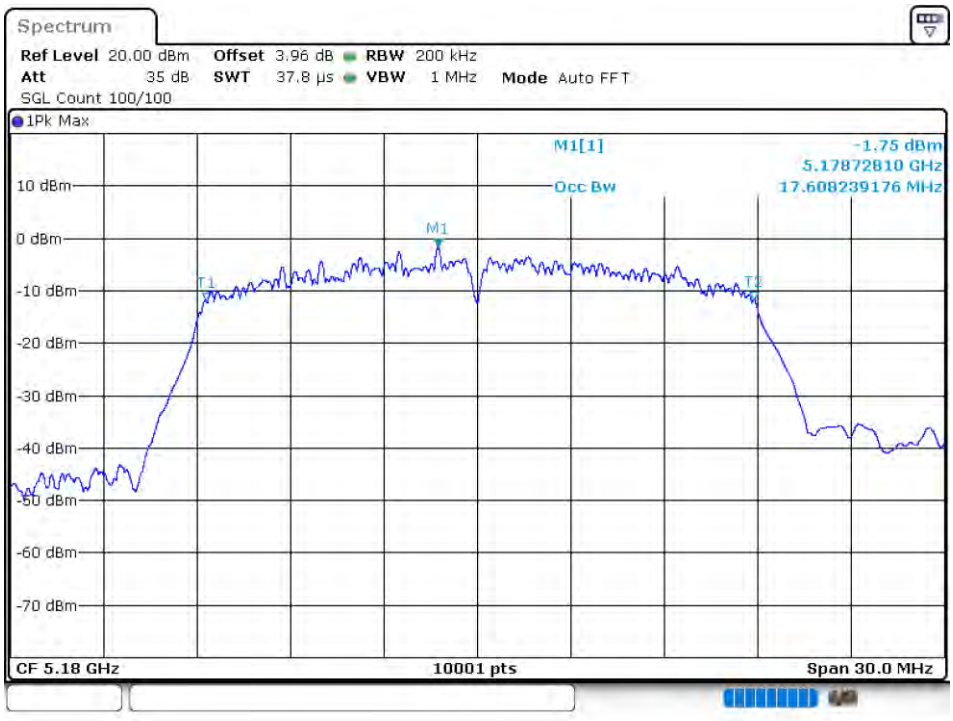
OBW NVNT a 5200MHz Ant2



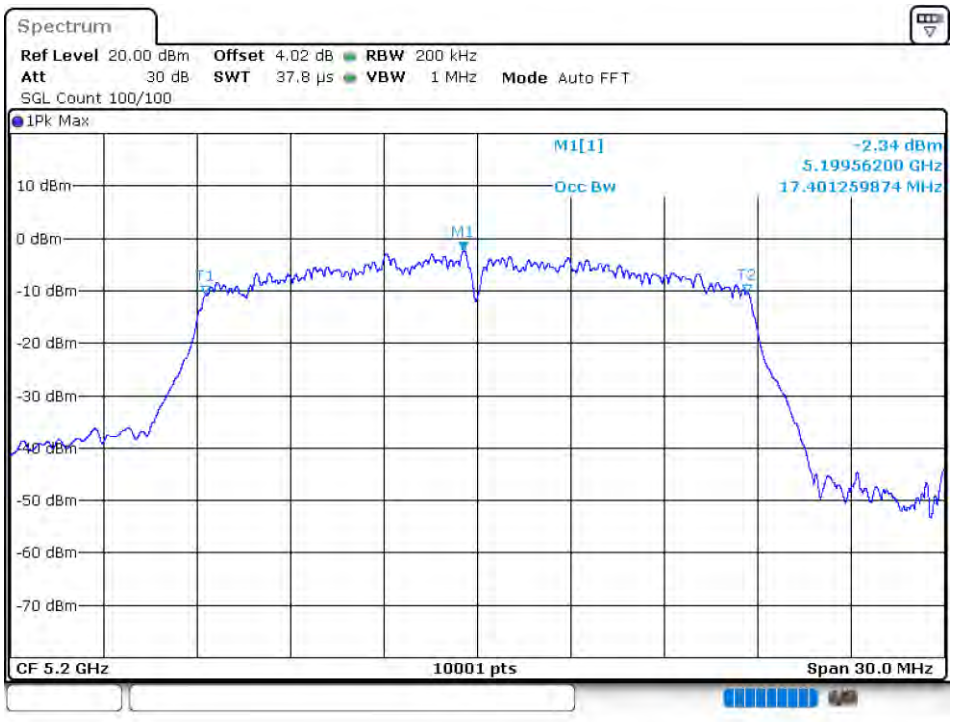
OBW NVNT a 5240MHz Ant2



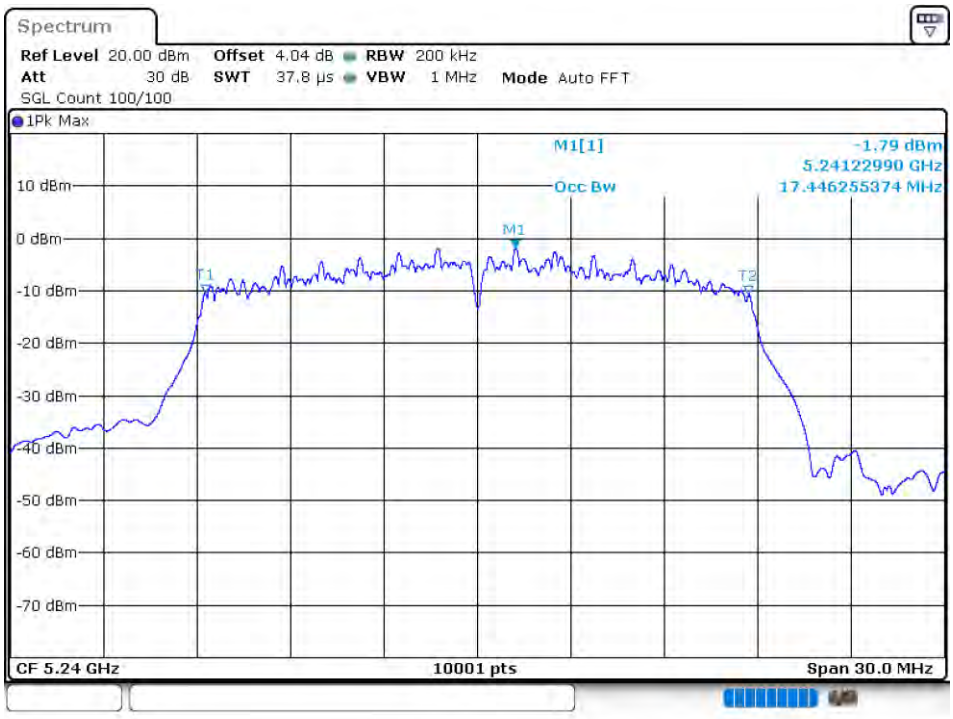
OBW NVNT n20 5180MHz Ant1



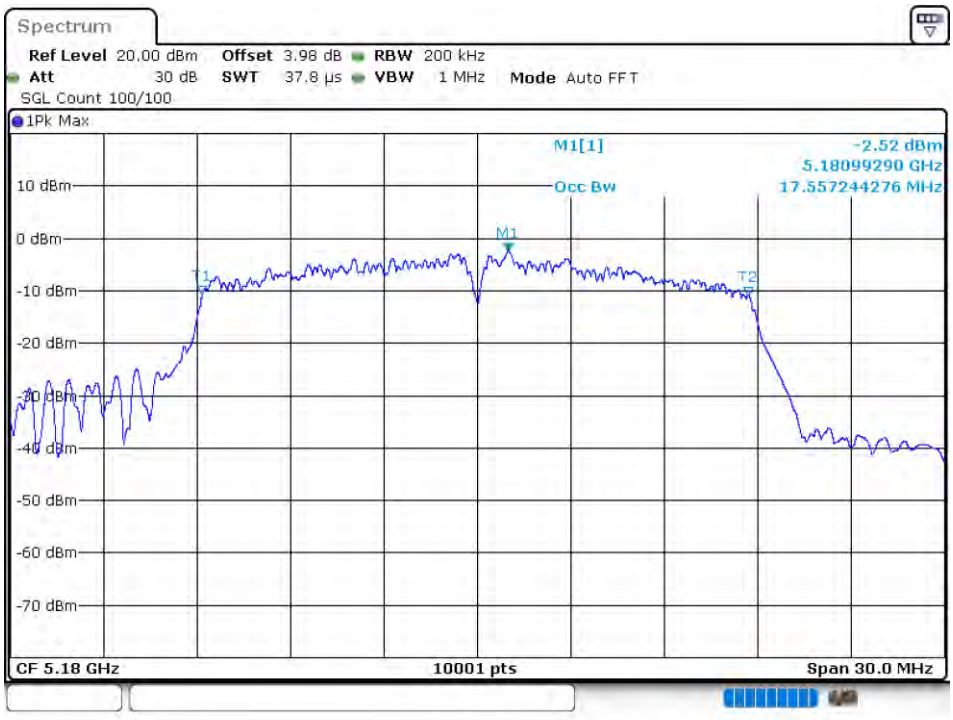
OBW NVNT n20 5200MHz Ant1



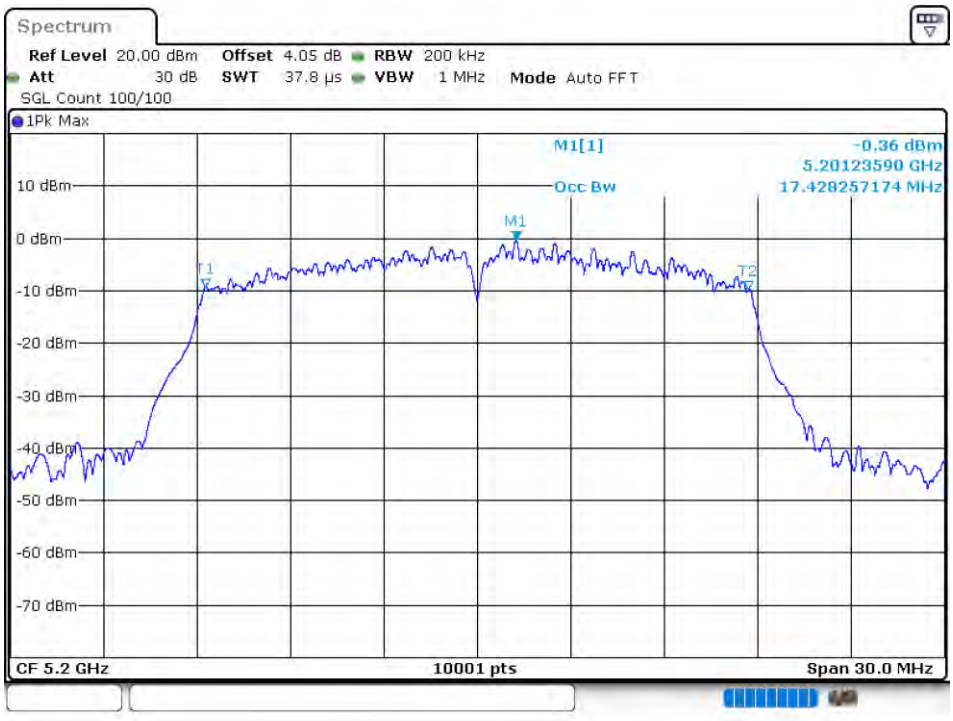
OBW NVNT n20 5240MHz Ant1



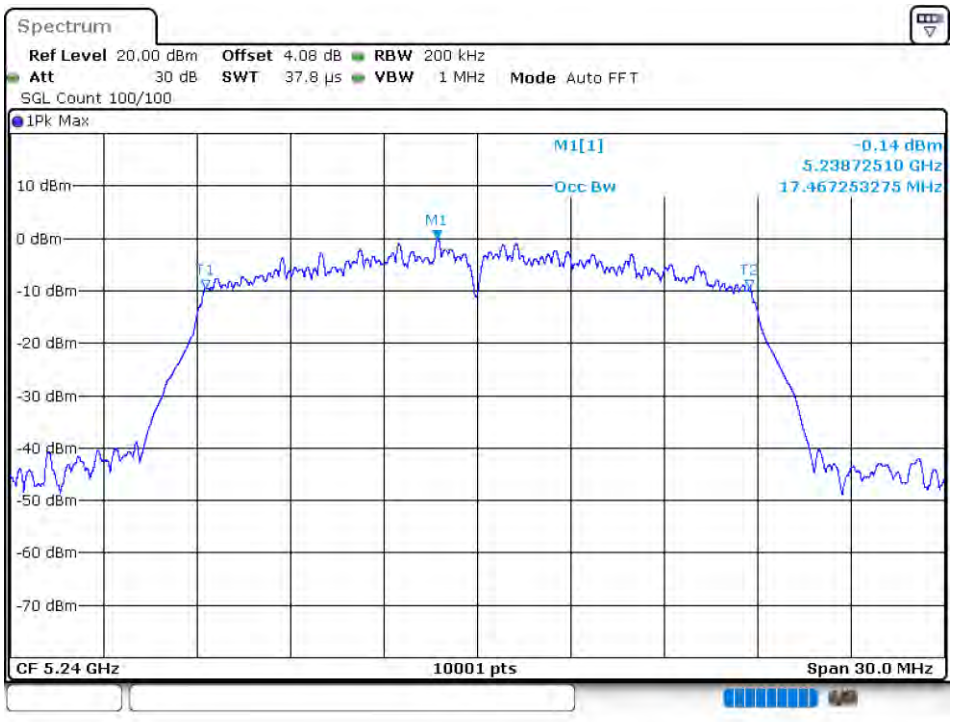
OBW NVNT n20 5180MHz Ant2



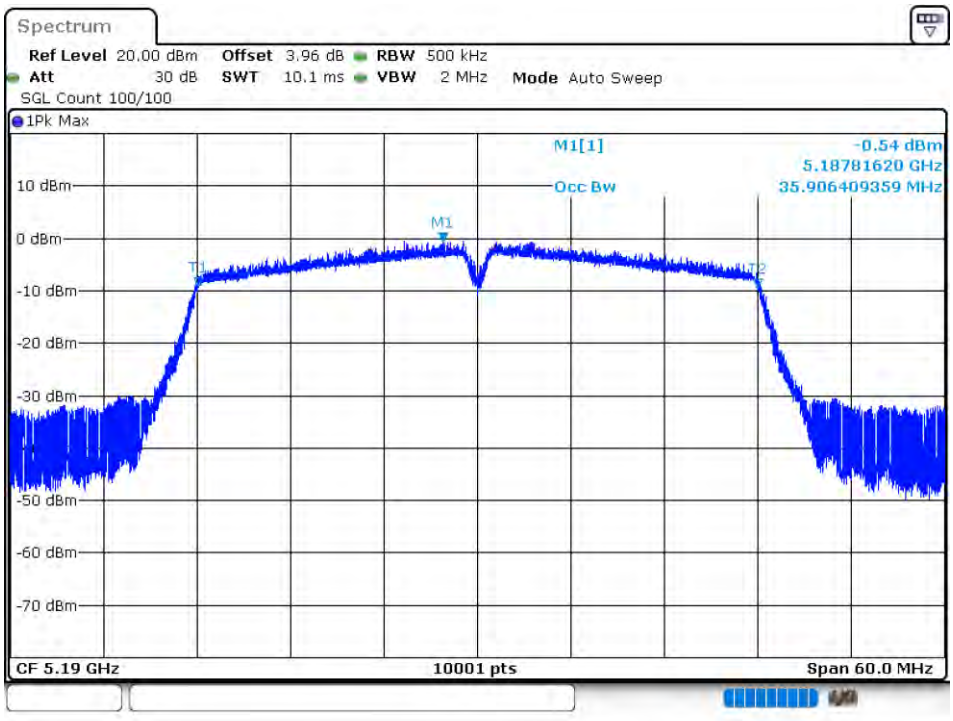
OBW NVNT n20 5200MHz Ant2



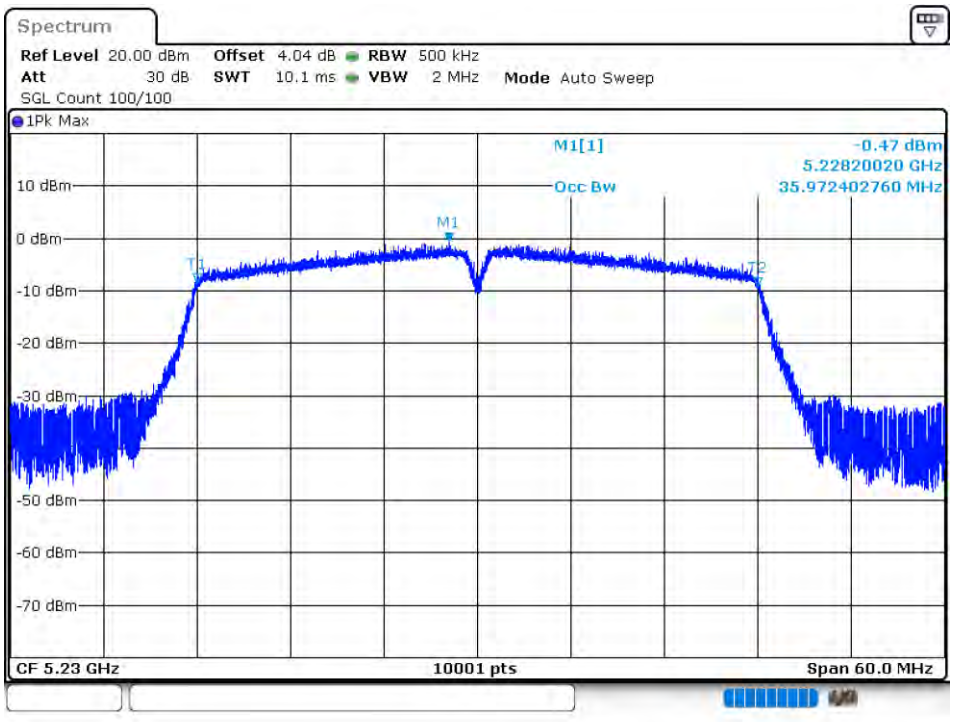
OBW NVNT n20 5240MHz Ant2



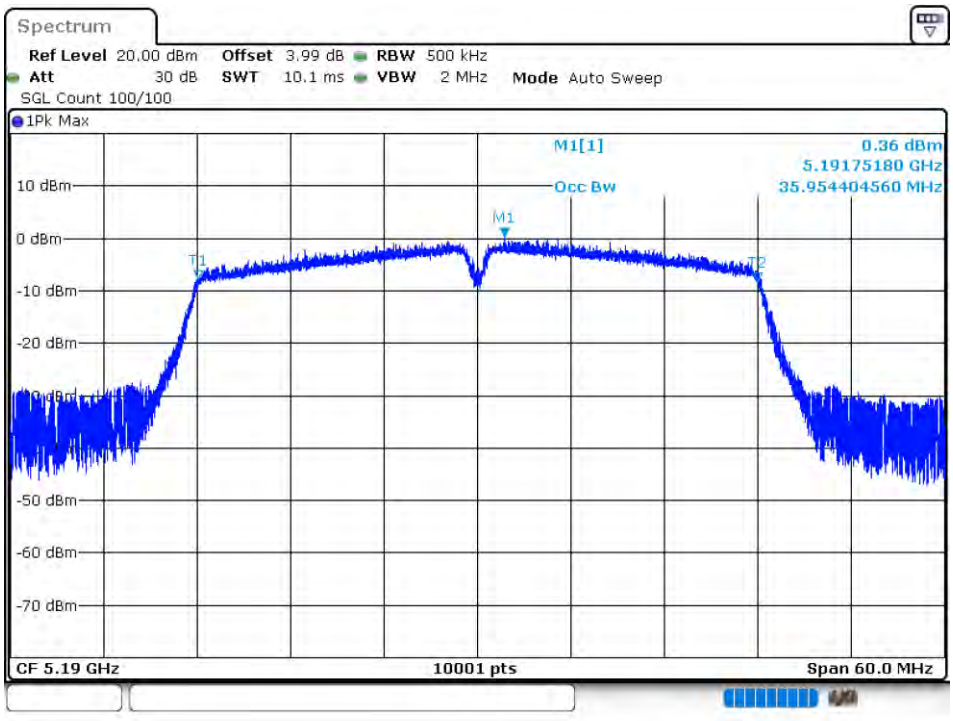
OBW NVNT n40 5190MHz Ant1



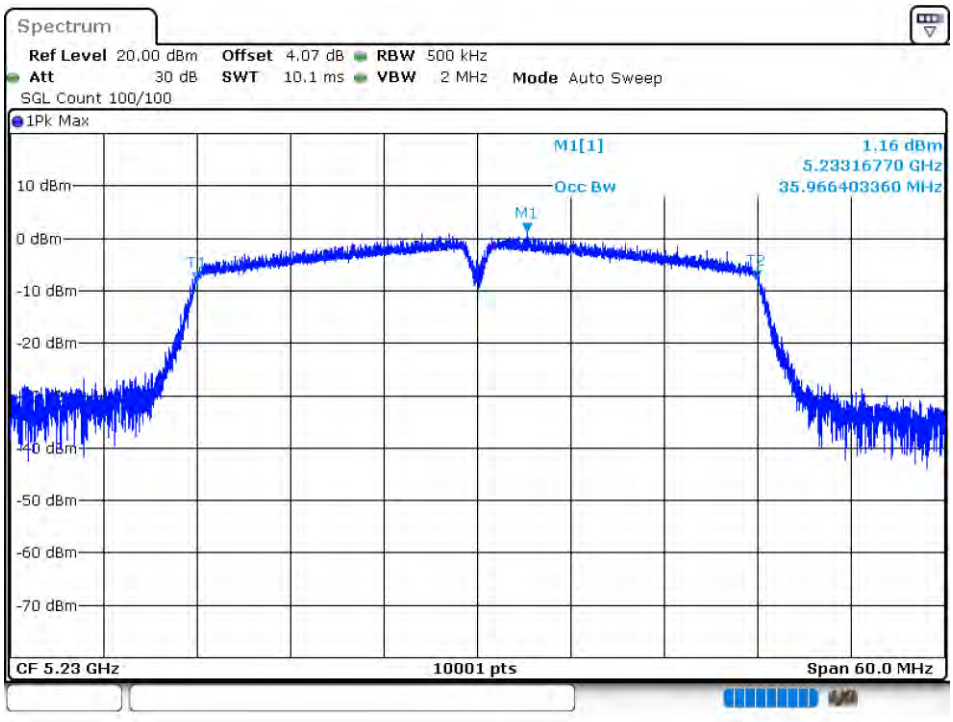
OBW NVNT n40 5230MHz Ant1



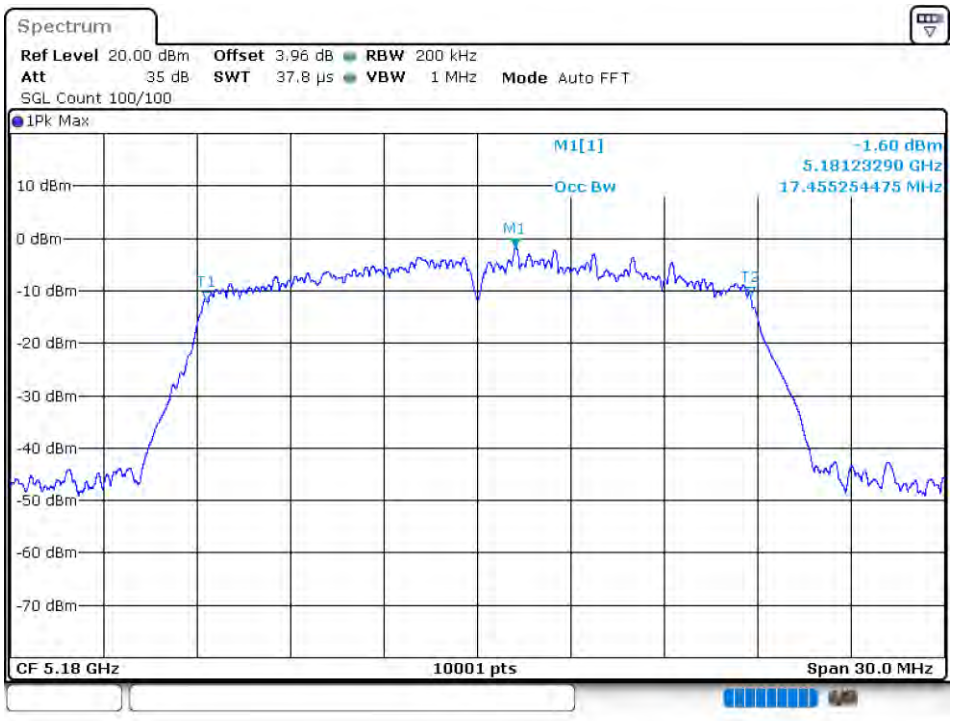
OBW NVNT n40 5190MHz Ant2



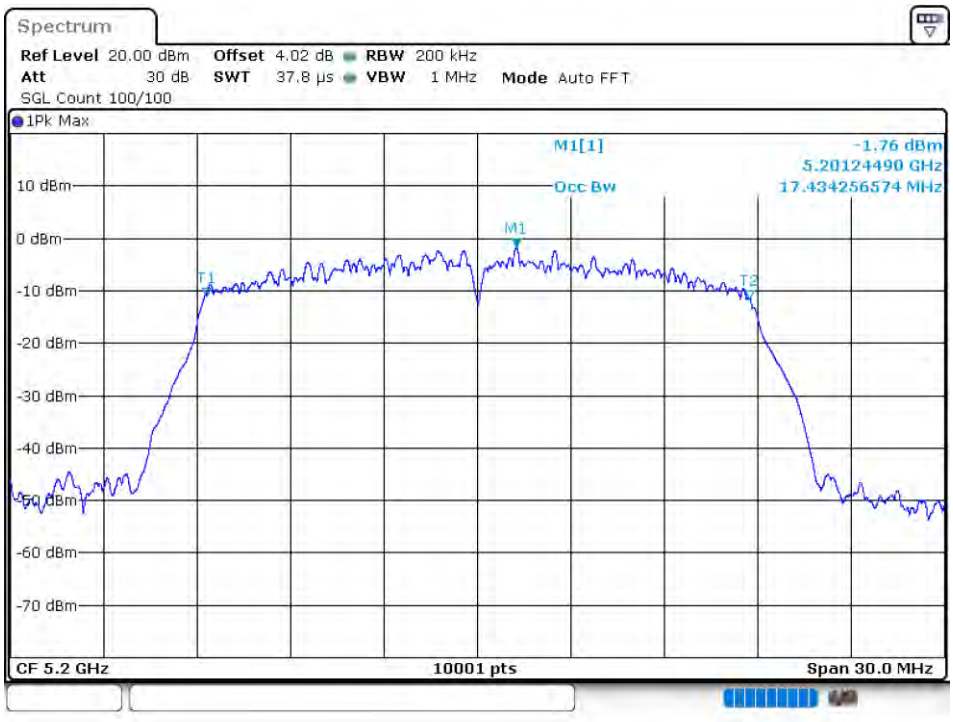
OBW NVNT n40 5230MHz Ant2



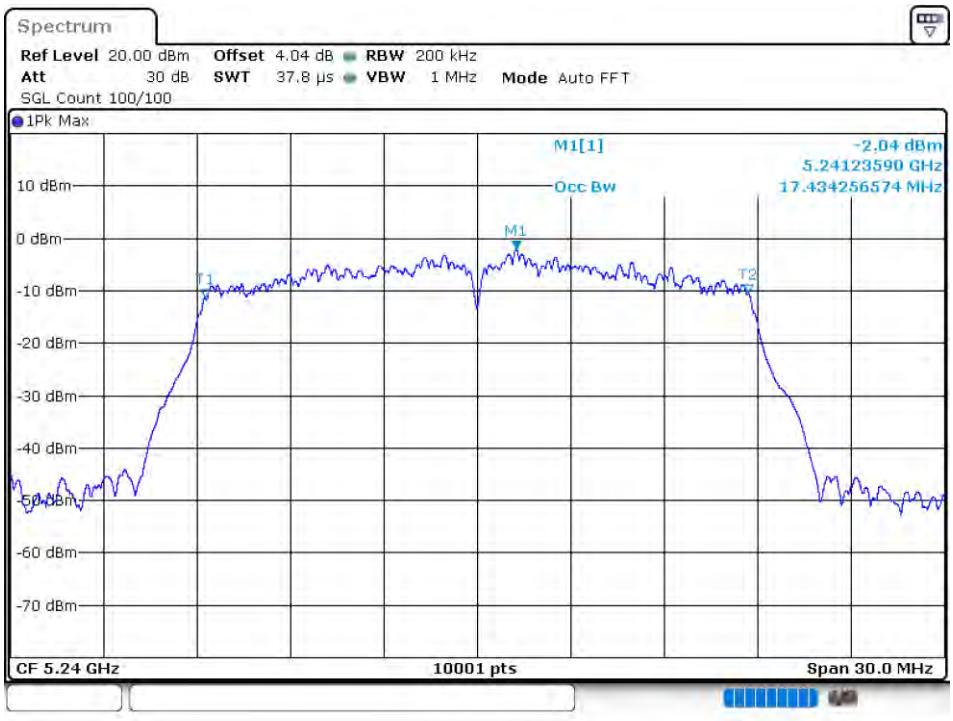
OBW NVNT ac20 5180MHz Ant1



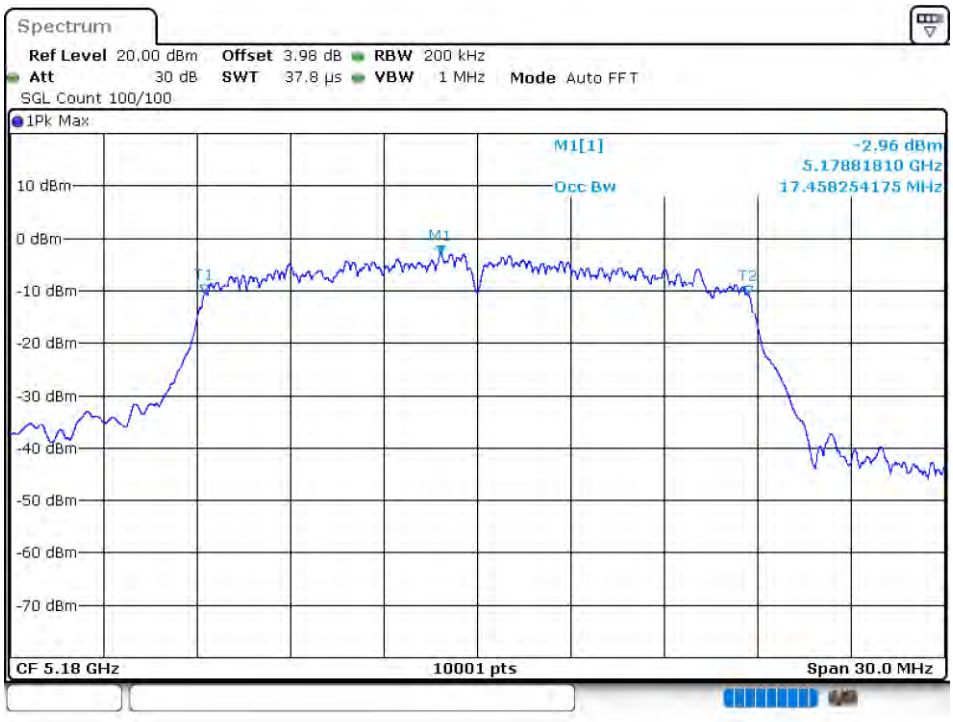
OBW NVNT ac20 5200MHz Ant1



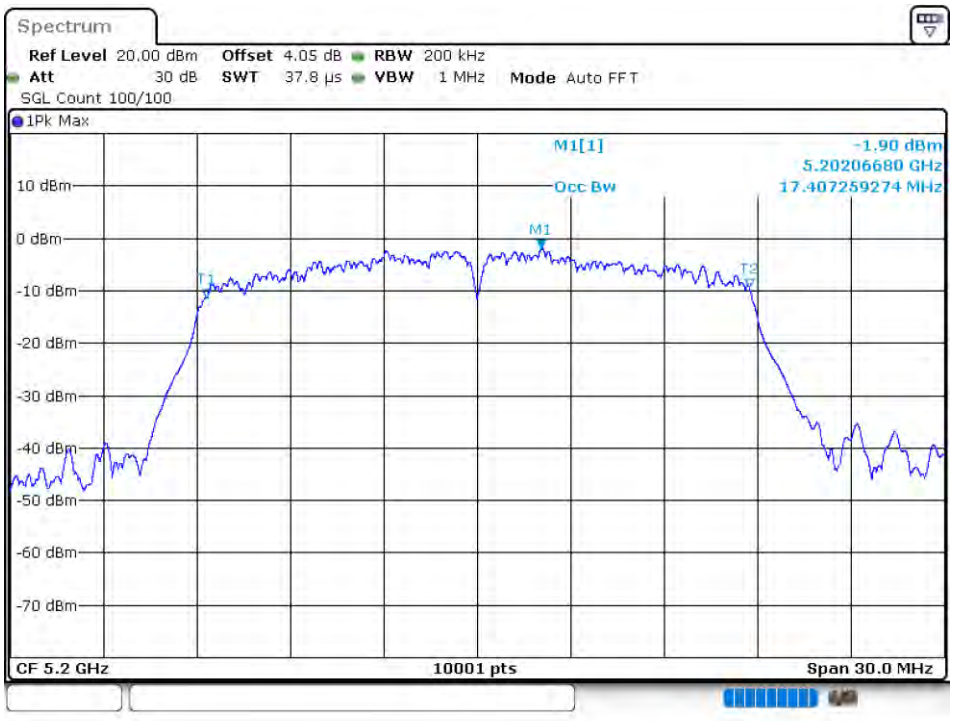
OBW NVNT ac20 5240MHz Ant1



OBW NVNT ac20 5180MHz Ant2



OBW NVNT ac20 5200MHz Ant2



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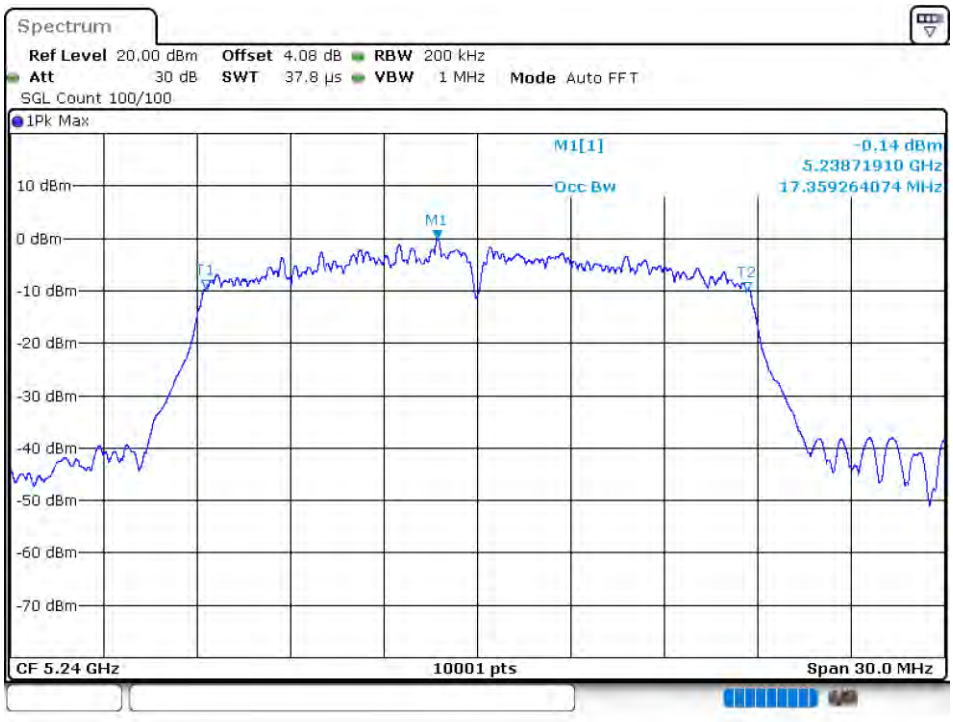
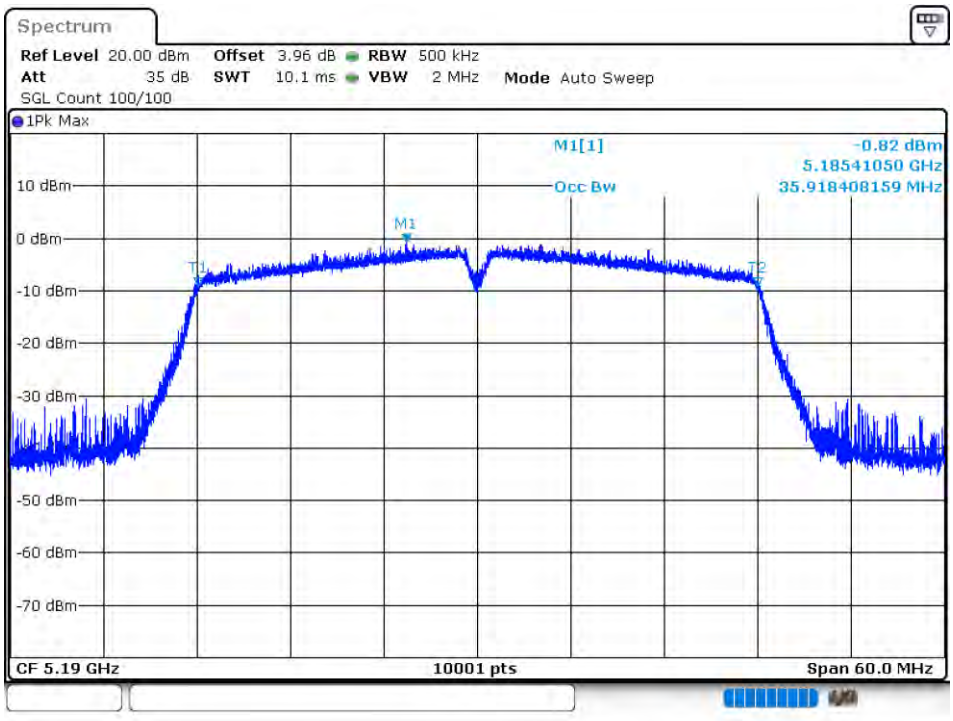
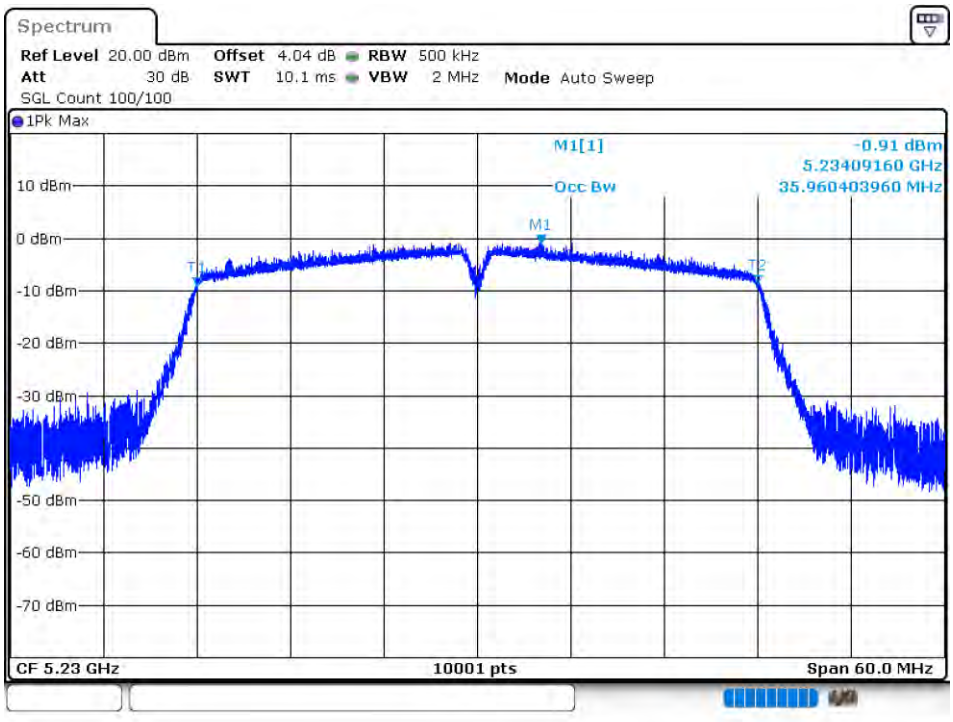


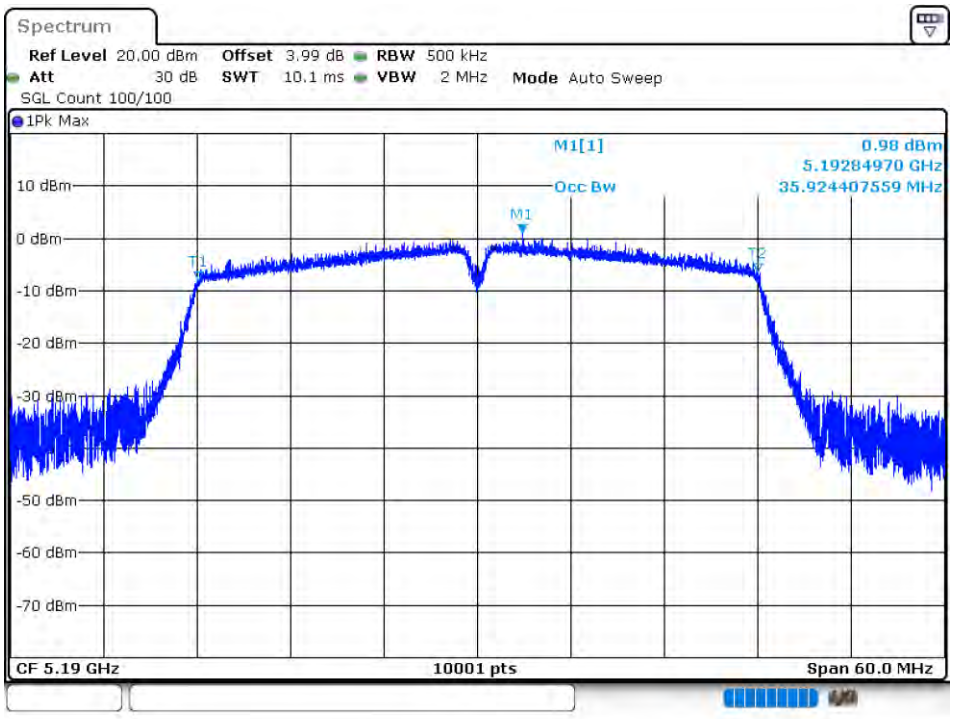
OBW NVNT ac40 5190MHz Ant1



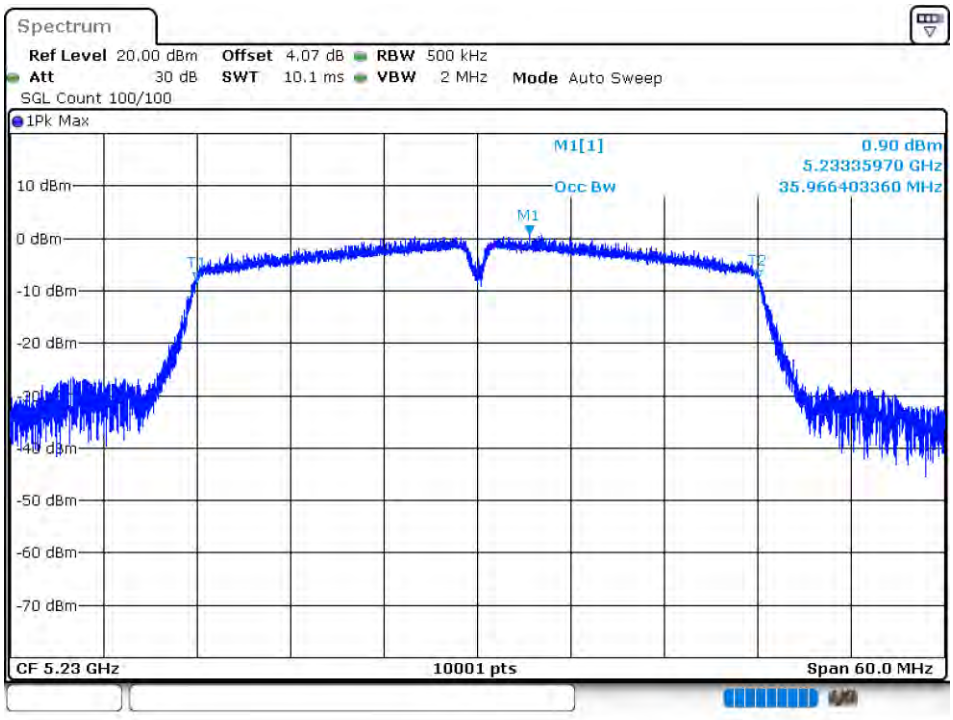
OBW NVNT ac40 5230MHz Ant1



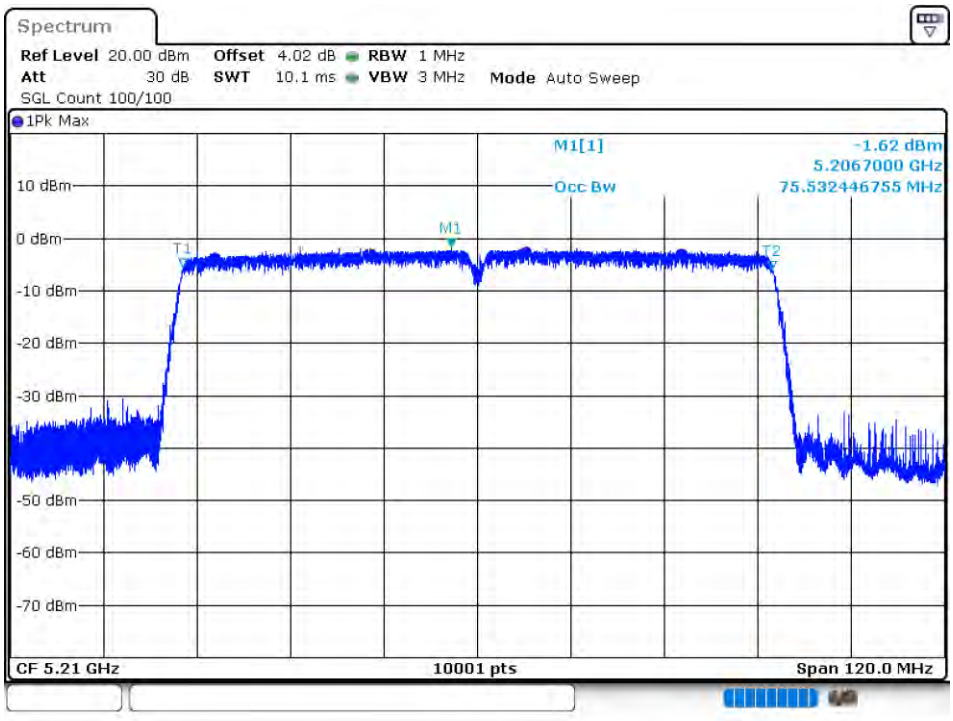
OBW NVNT ac40 5190MHz Ant2



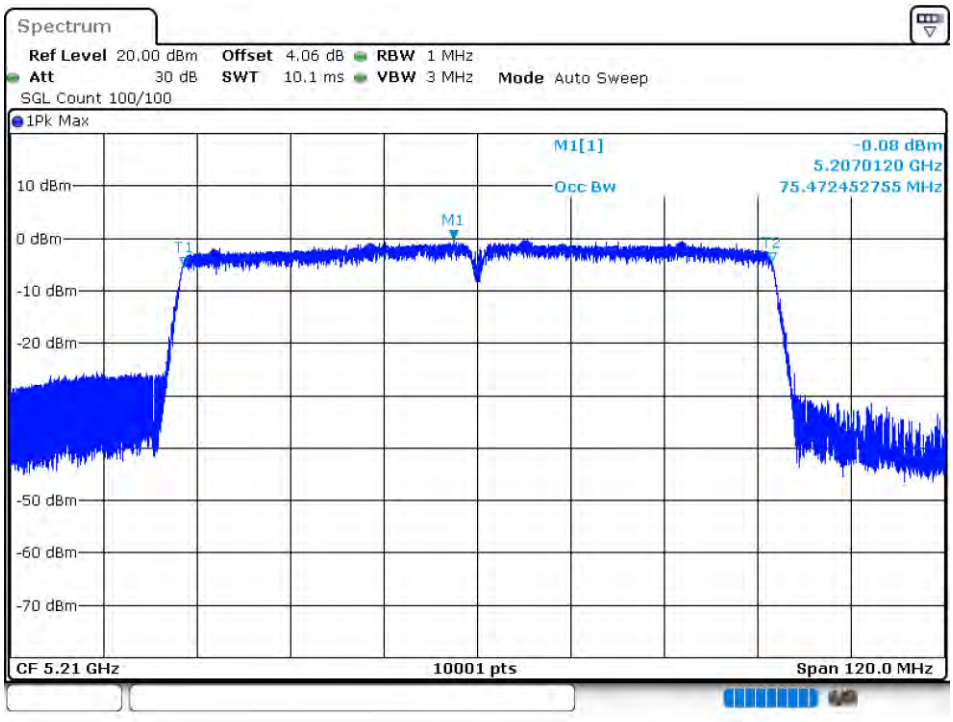
OBW NVNT ac40 5230MHz Ant2



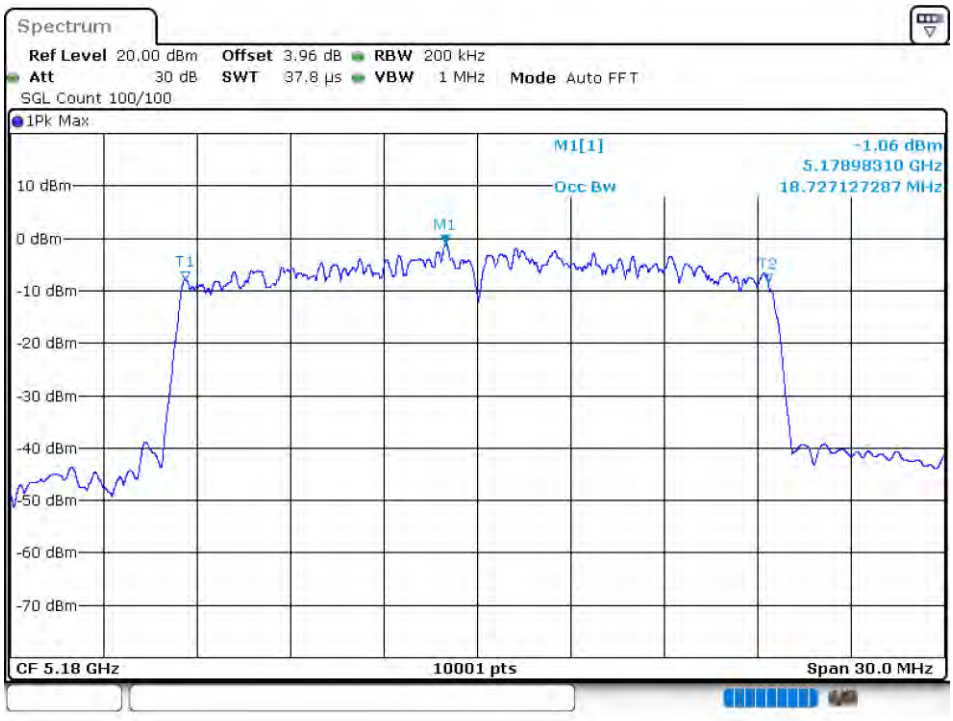
OBW NVNT ac80 5210MHz Ant1



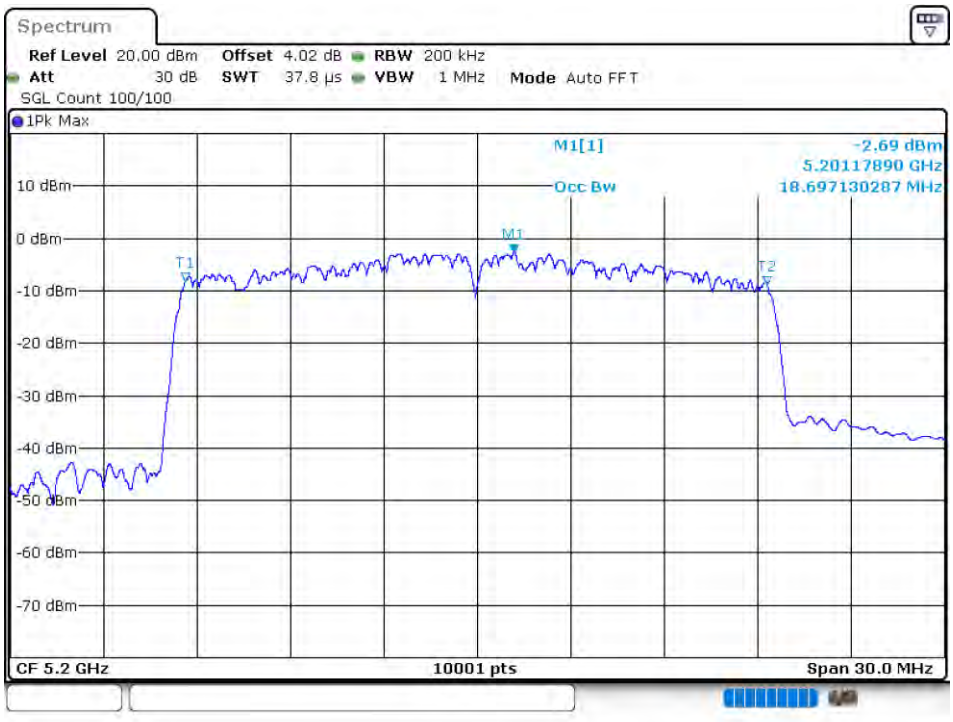
OBW NVNT ac80 5210MHz Ant2



OBW NVNT ax20 5180MHz Ant1



OBW NVNT ax20 5200MHz Ant1



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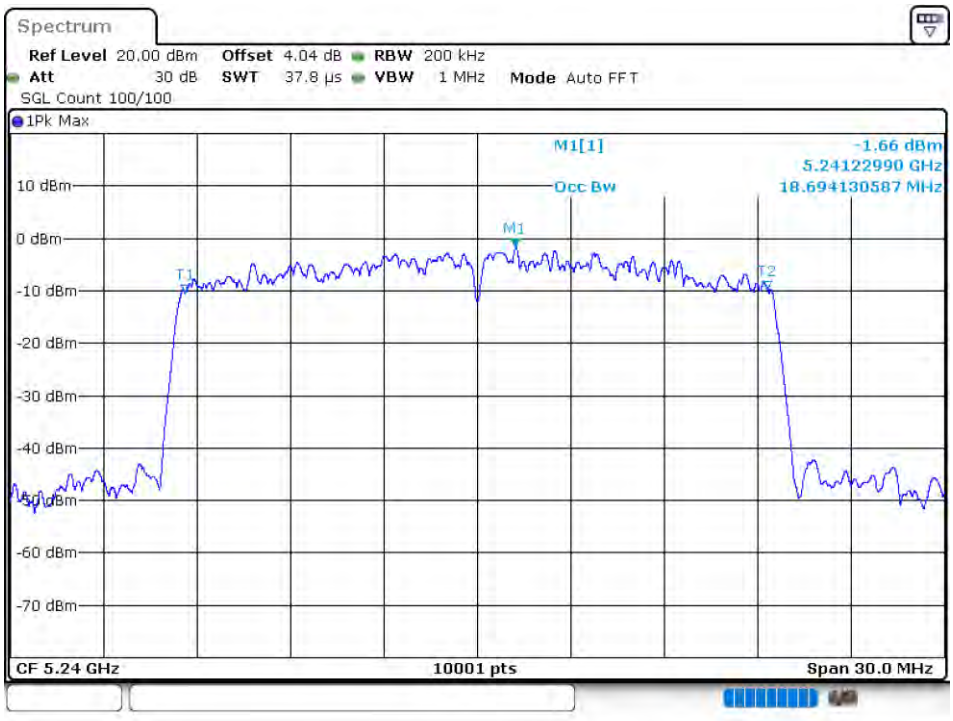
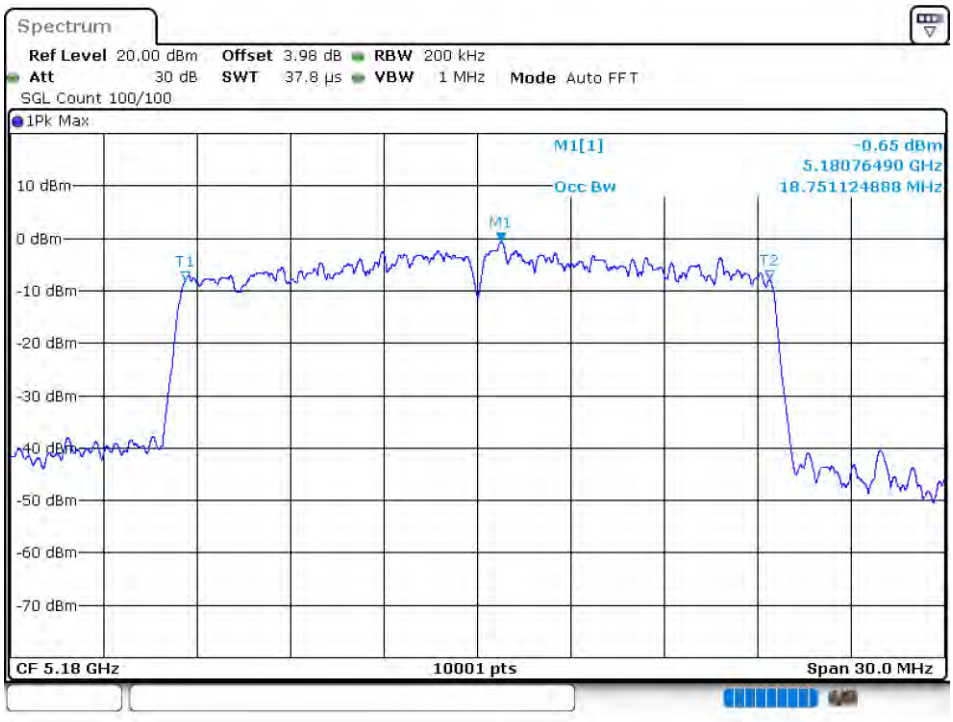
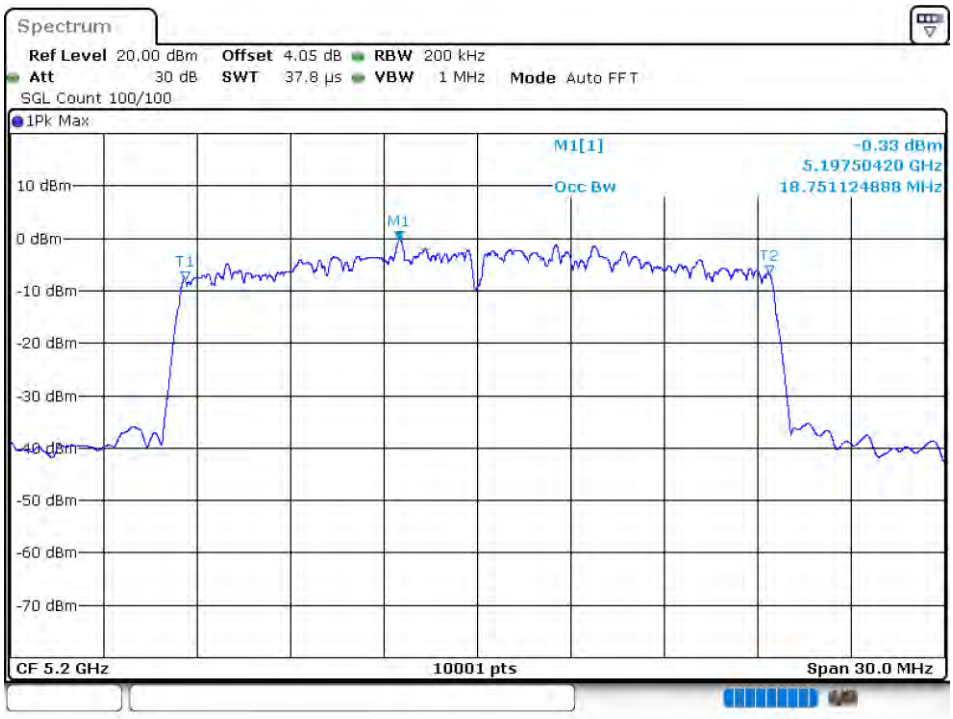


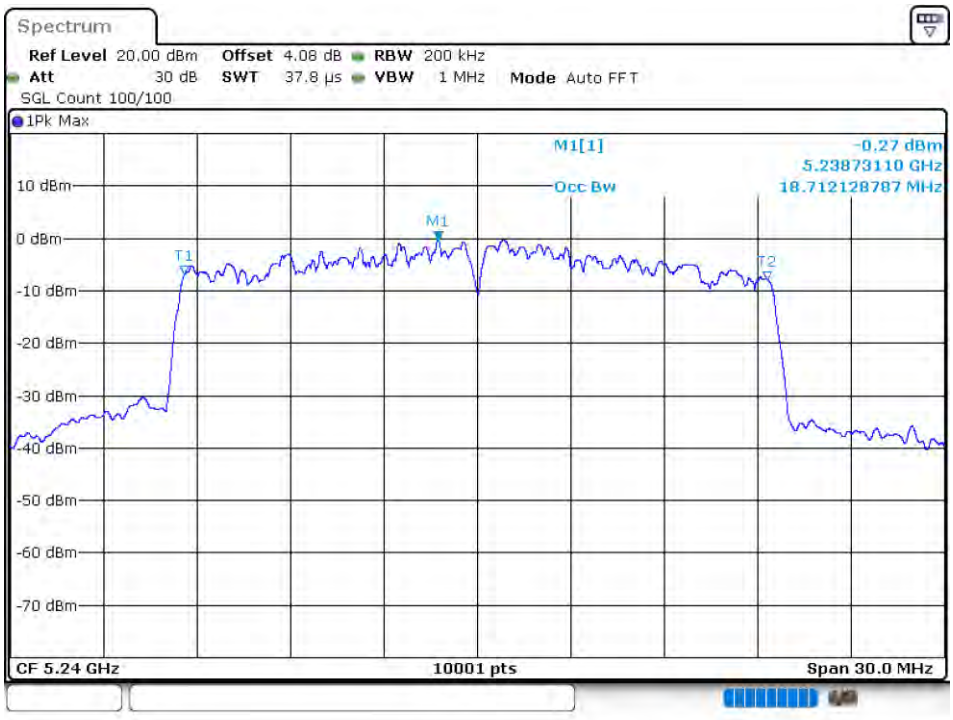
OBW NVNT ax20 5180MHz Ant2



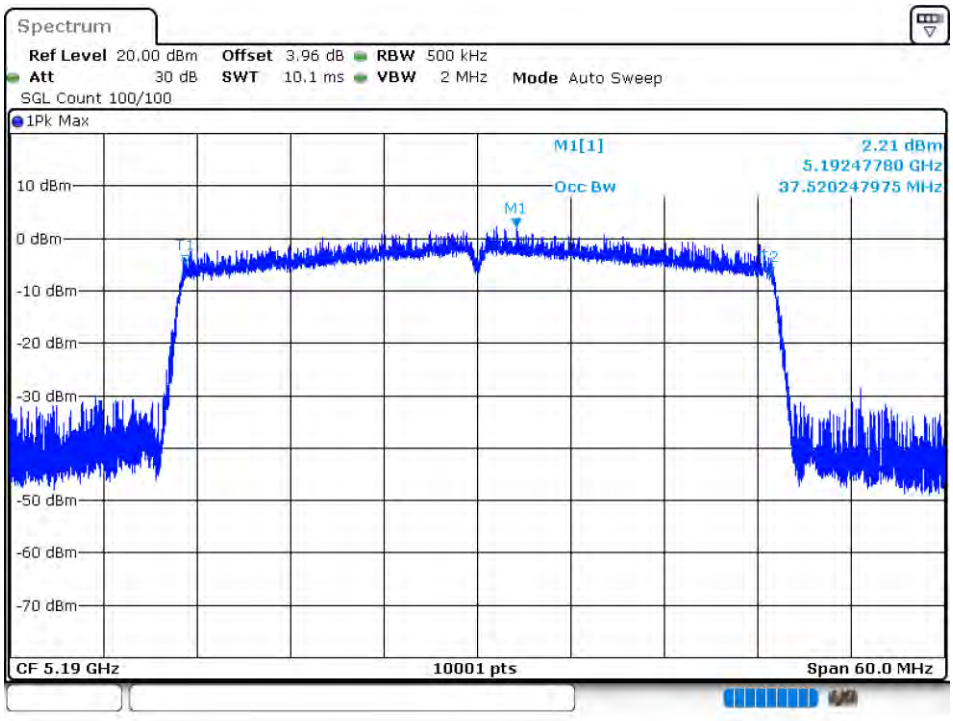
OBW NVNT ax20 5200MHz Ant2



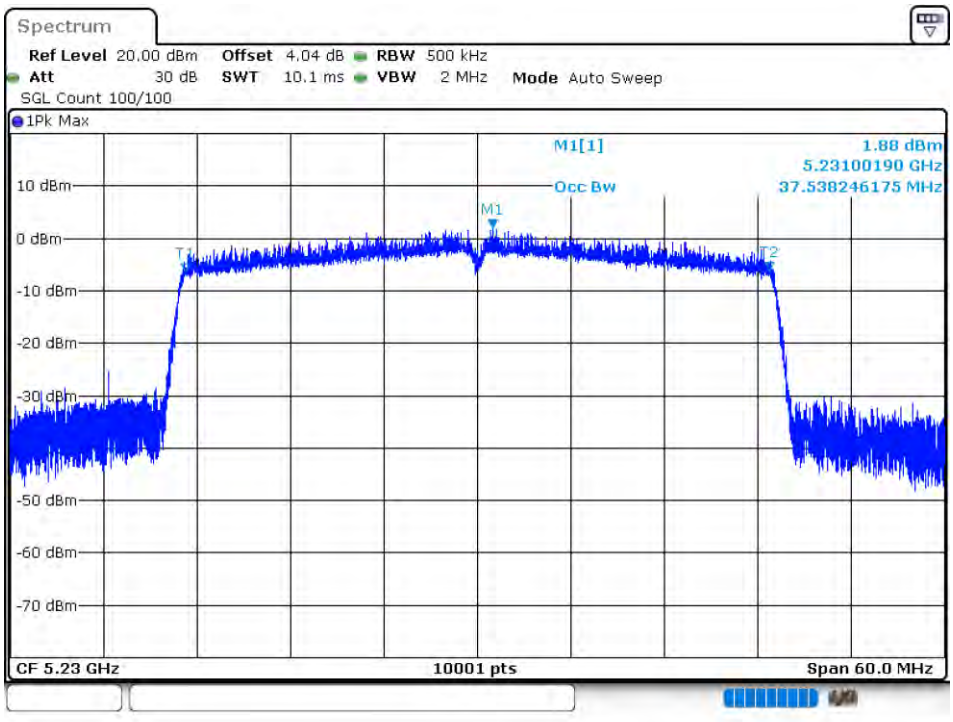
OBW NVNT ax20 5240MHz Ant2



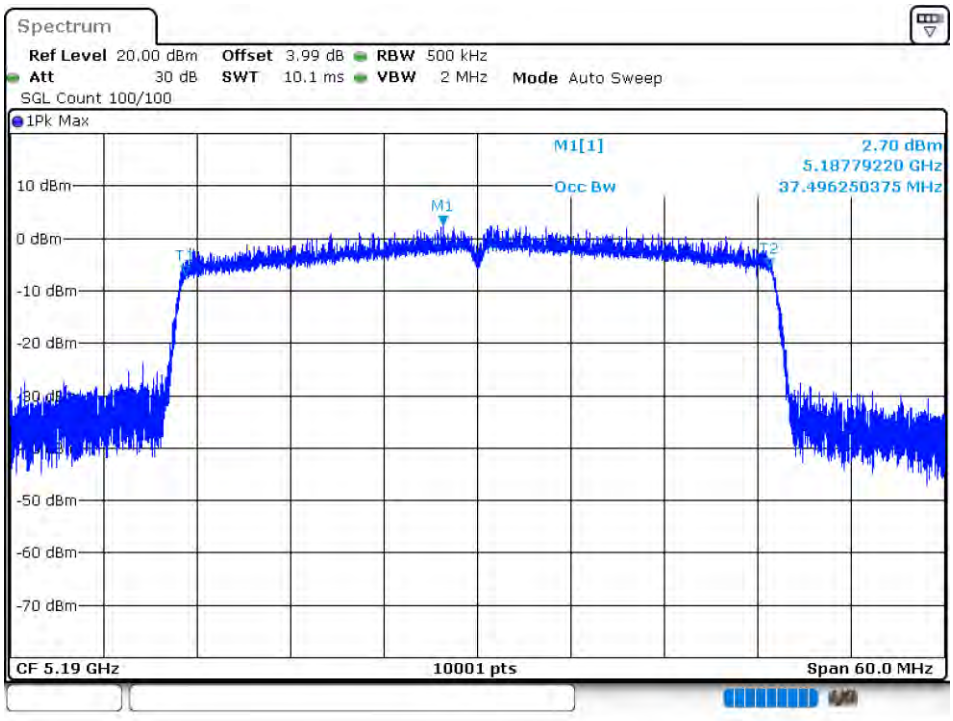
OBW NVNT ax40 5190MHz Ant1



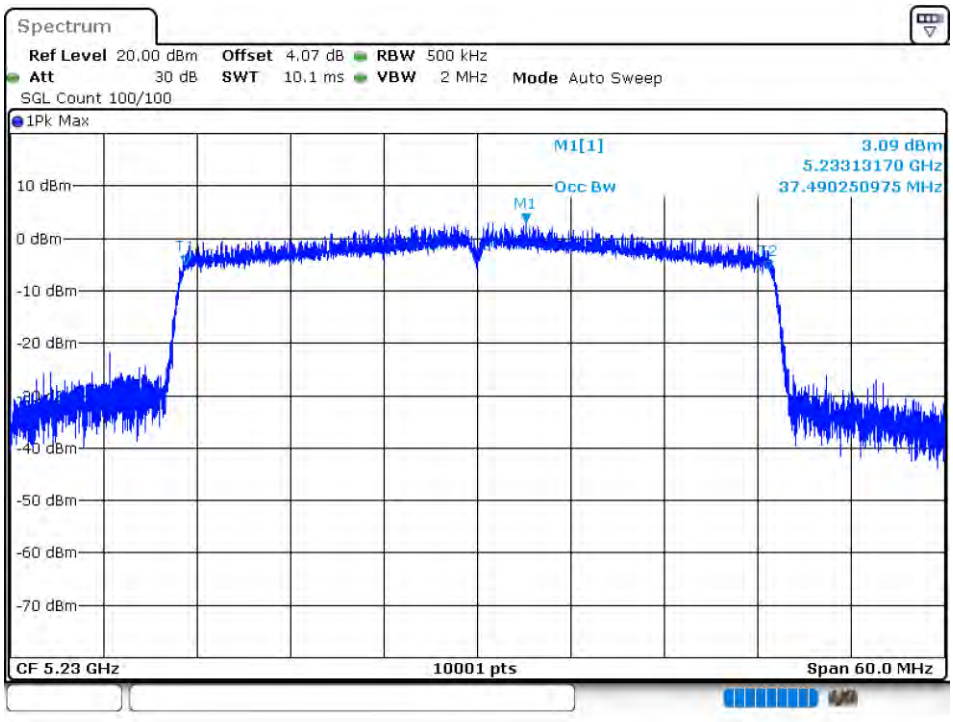
OBW NVNT ax40 5230MHz Ant1



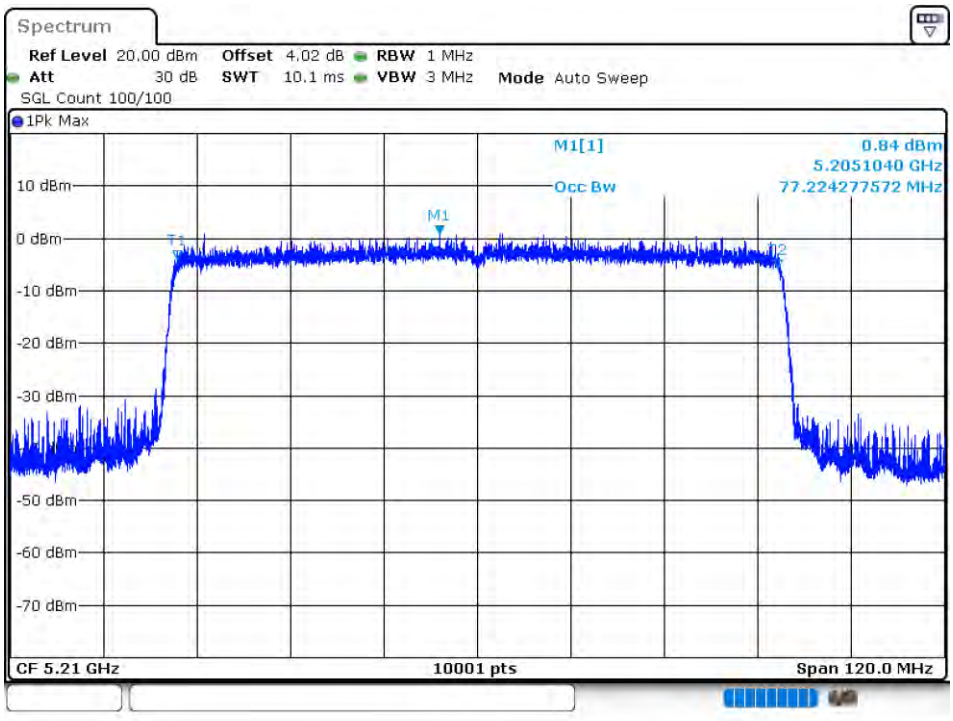
OBW NVNT ax40 5190MHz Ant2



OBW NVNT ax40 5230MHz Ant2



OBW NVNT ax80 5210MHz Ant1



OBW NVNT ax80 5210MHz Ant2