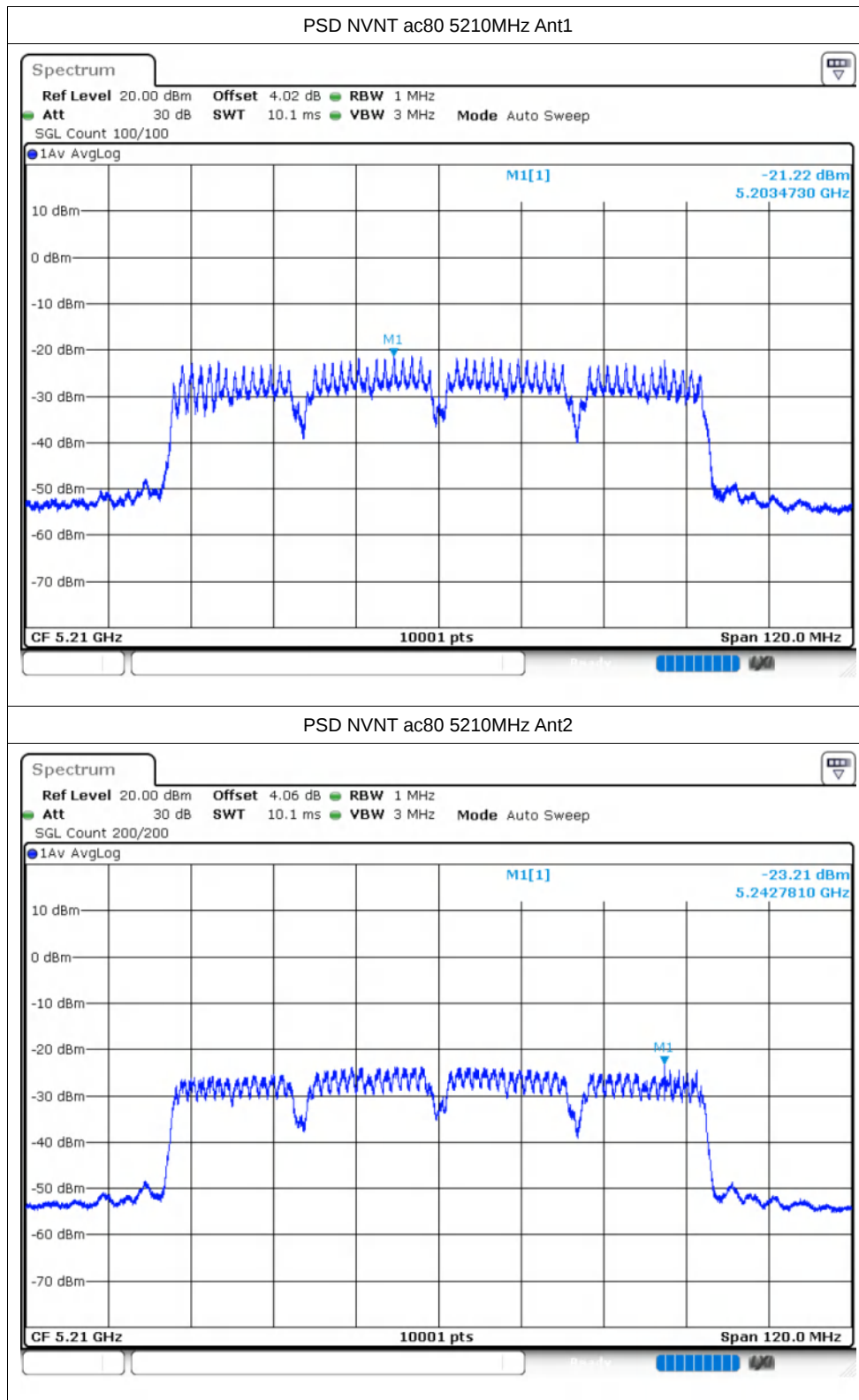


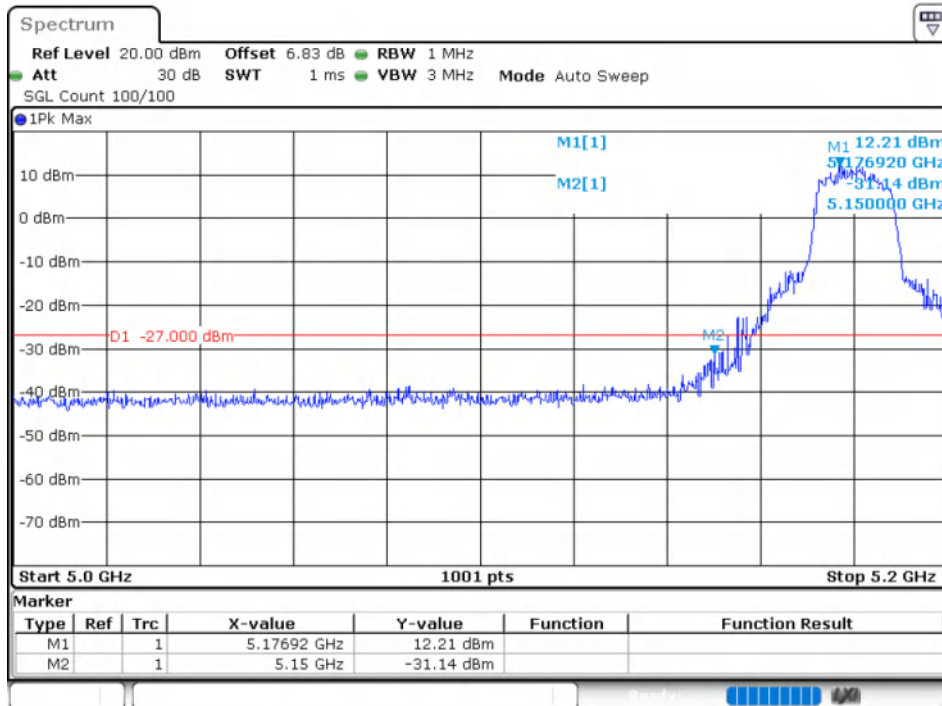


Band Edge

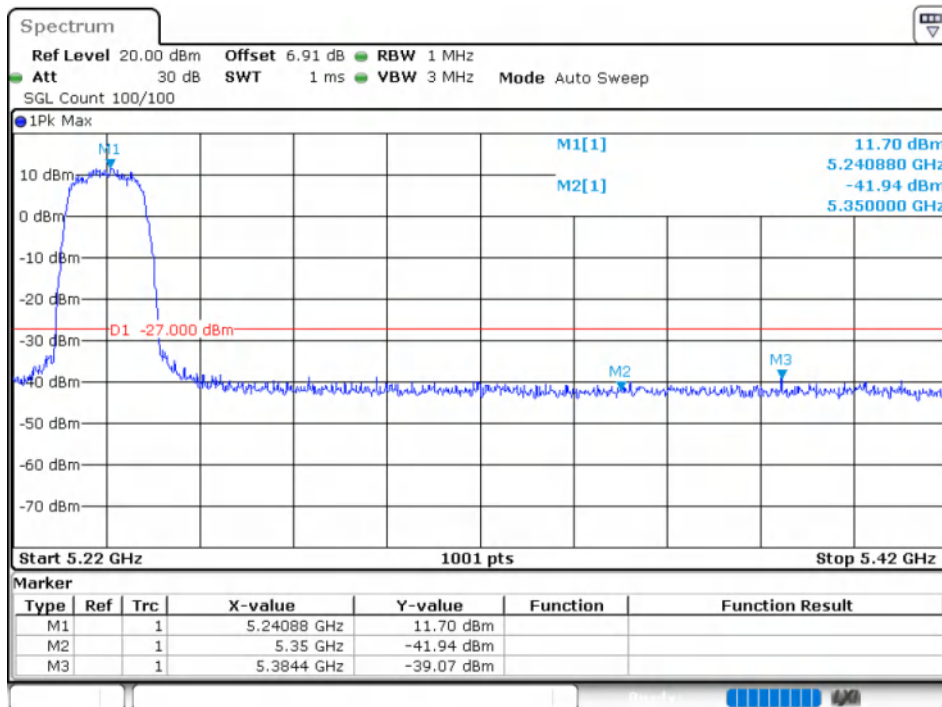
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-31.14	-27	Pass
NVNT	a	5240	Ant1	-39.07	-27	Pass
NVNT	a	5180	Ant2	-33.96	-27	Pass
NVNT	a	5240	Ant2	-39.72	-27	Pass
NVNT	n20	5180	Ant1	-38.76	-27	Pass
NVNT	n20	5240	Ant1	-39.64	-27	Pass
NVNT	n20	5180	Ant2	-38.26	-27	Pass
NVNT	n20	5240	Ant2	-39.69	-27	Pass
NVNT	n40	5190	Ant1	-38.76	-27	Pass
NVNT	n40	5230	Ant1	-39.8	-27	Pass
NVNT	n40	5190	Ant2	-39.25	-27	Pass
NVNT	n40	5230	Ant2	-39.52	-27	Pass
NVNT	ac20	5180	Ant1	-38.19	-27	Pass
NVNT	ac20	5240	Ant1	-40.05	-27	Pass
NVNT	ac20	5180	Ant2	-38.43	-27	Pass
NVNT	ac20	5240	Ant2	-39.63	-27	Pass
NVNT	ac40	5190	Ant1	-38.52	-27	Pass
NVNT	ac40	5230	Ant1	-39.45	-27	Pass
NVNT	ac40	5190	Ant2	-39.21	-27	Pass
NVNT	ac40	5230	Ant2	-39.9	-27	Pass
NVNT	ac80	5210	Ant1	-39.73	-27	Pass
NVNT	ac80	5210	Ant1	-37.23	-27	Pass
NVNT	ac80	5210	Ant2	-41.01	-27	Pass
NVNT	ac80	5210	Ant2	-38.45	-27	Pass

Test Graphs

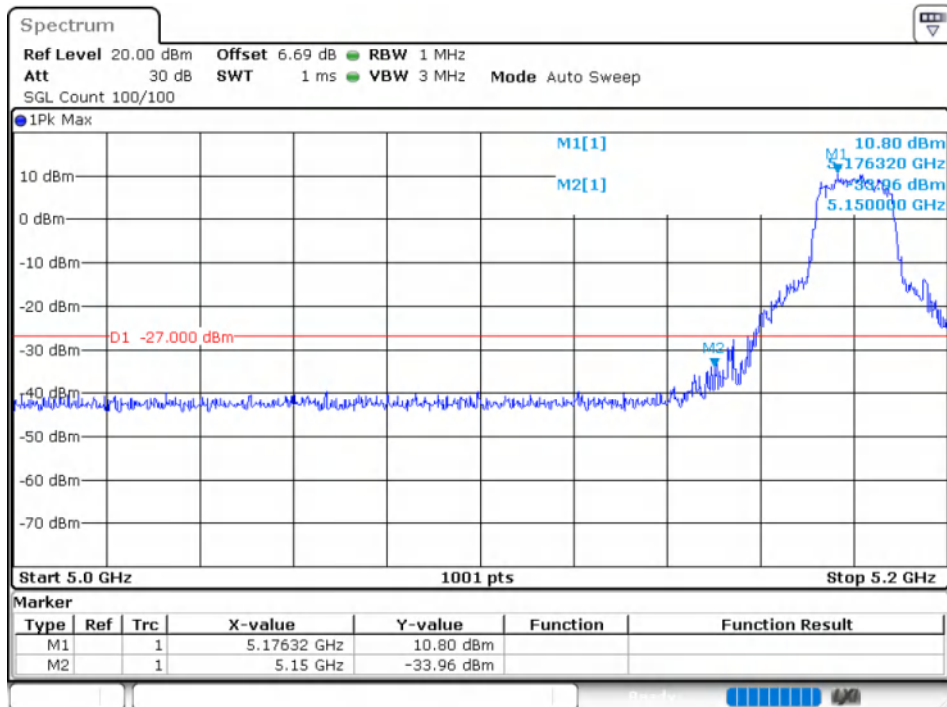
Band Edge NVNT a 5180MHz Low Ant1



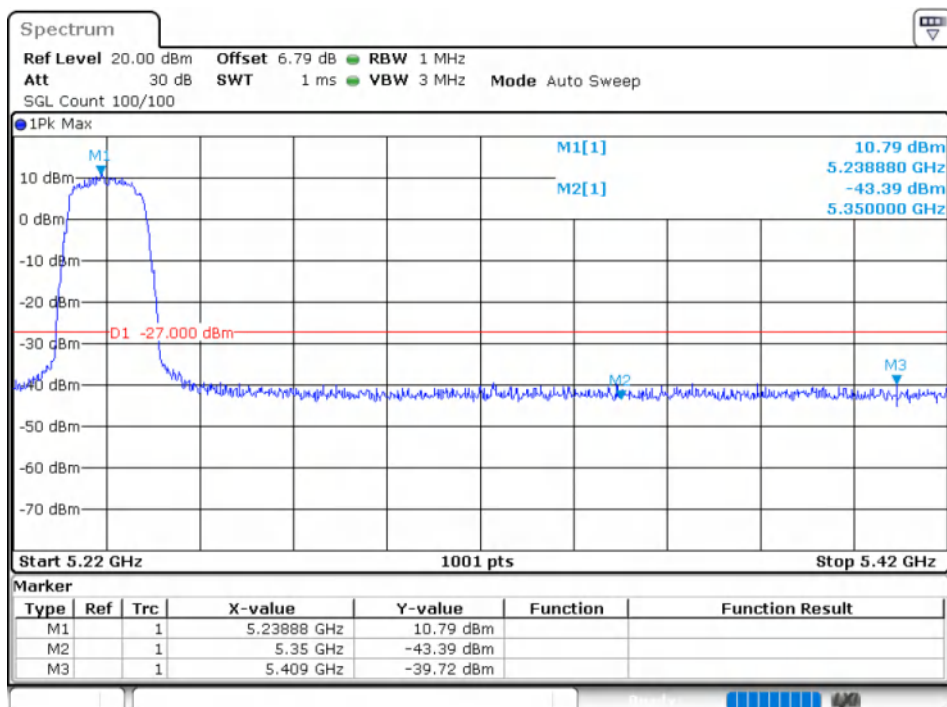
Band Edge NVNT a 5240MHz High Ant1



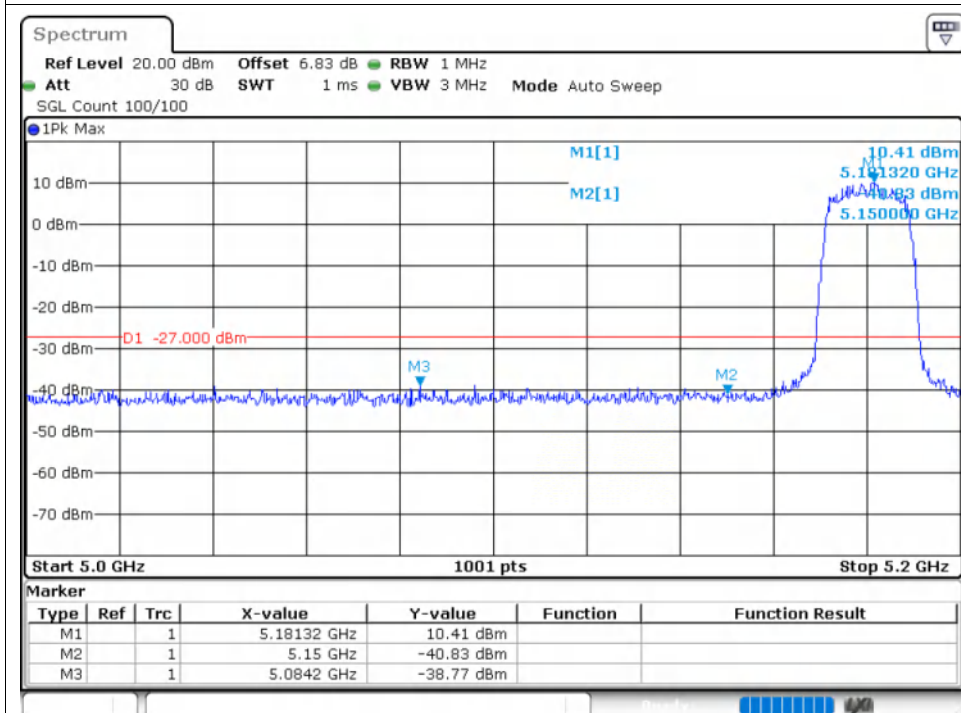
Band Edge NVNT a 5180MHz Low Ant2



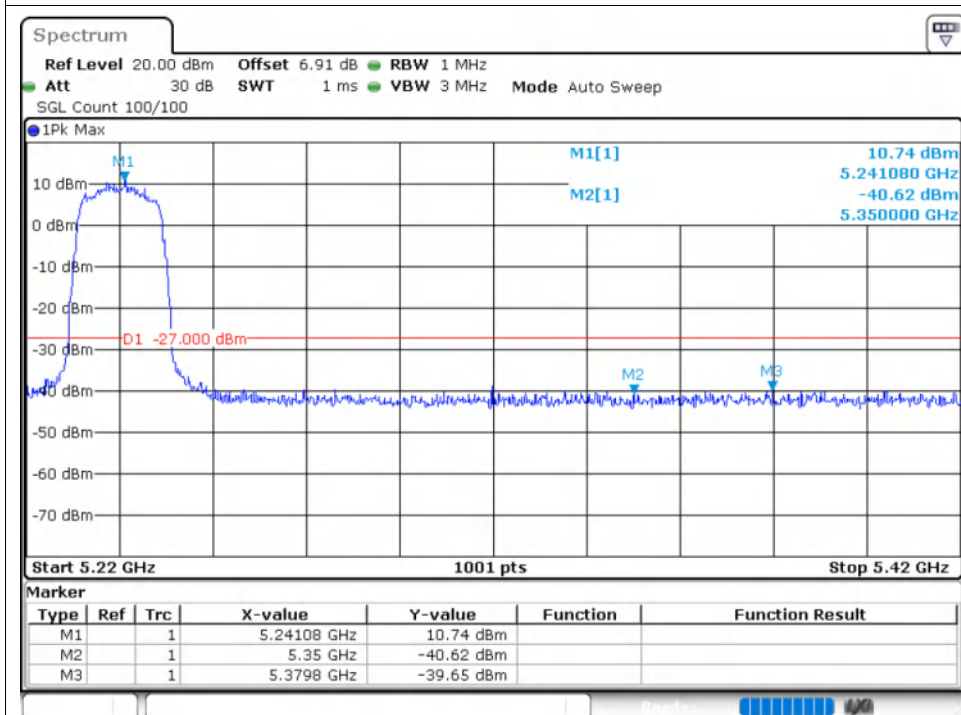
Band Edge NVNT a 5240MHz High Ant2



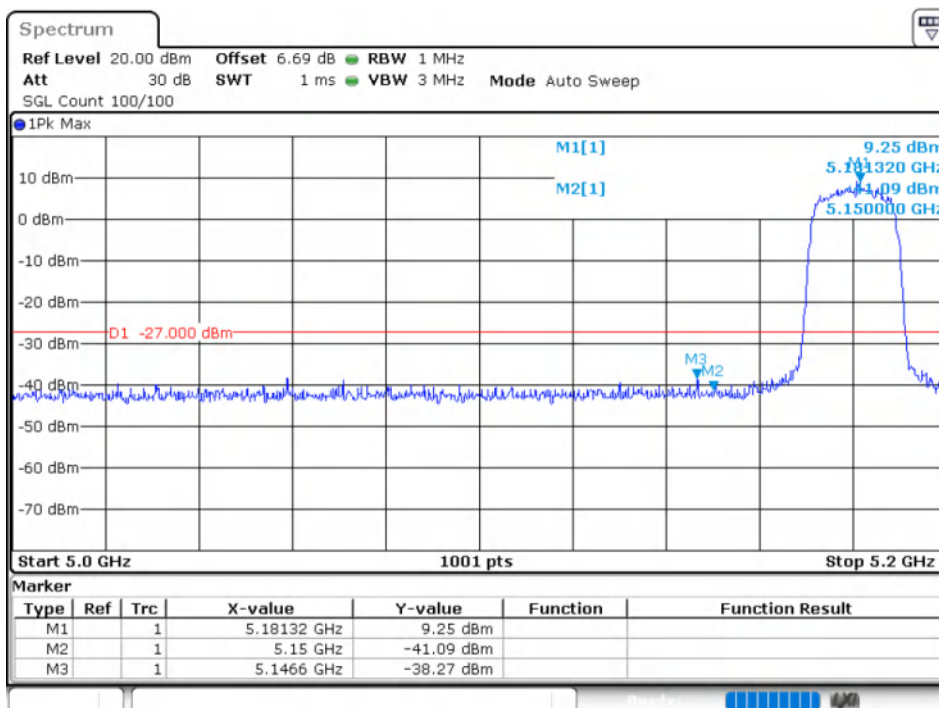
Band Edge NVNT n20 5180MHz Low Ant1



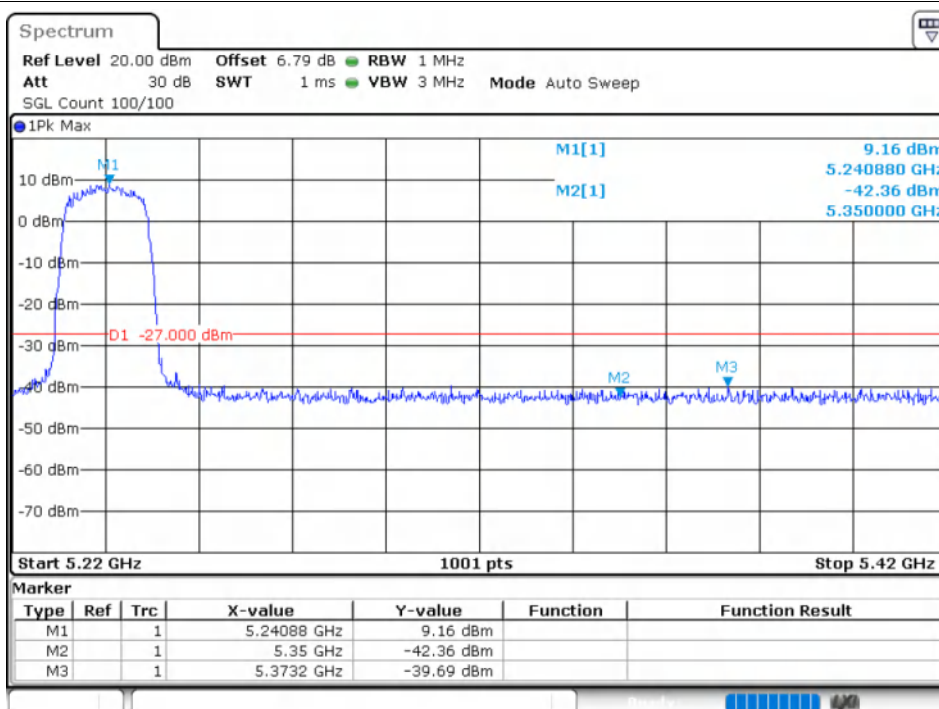
Band Edge NVNT n20 5240MHz High Ant1



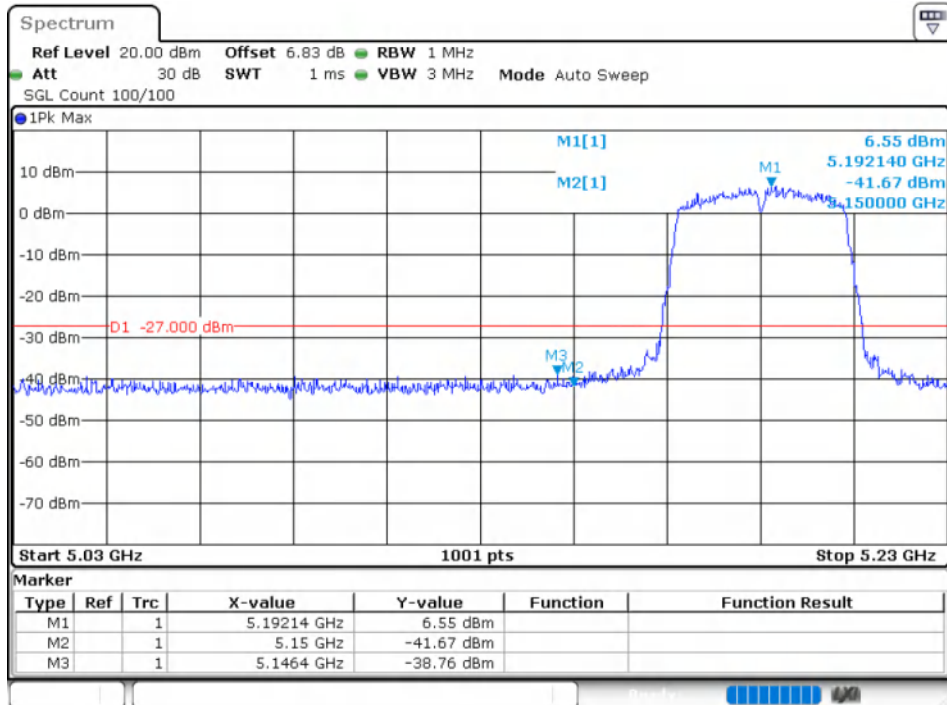
Band Edge NVNT n20 5180MHz Low Ant2



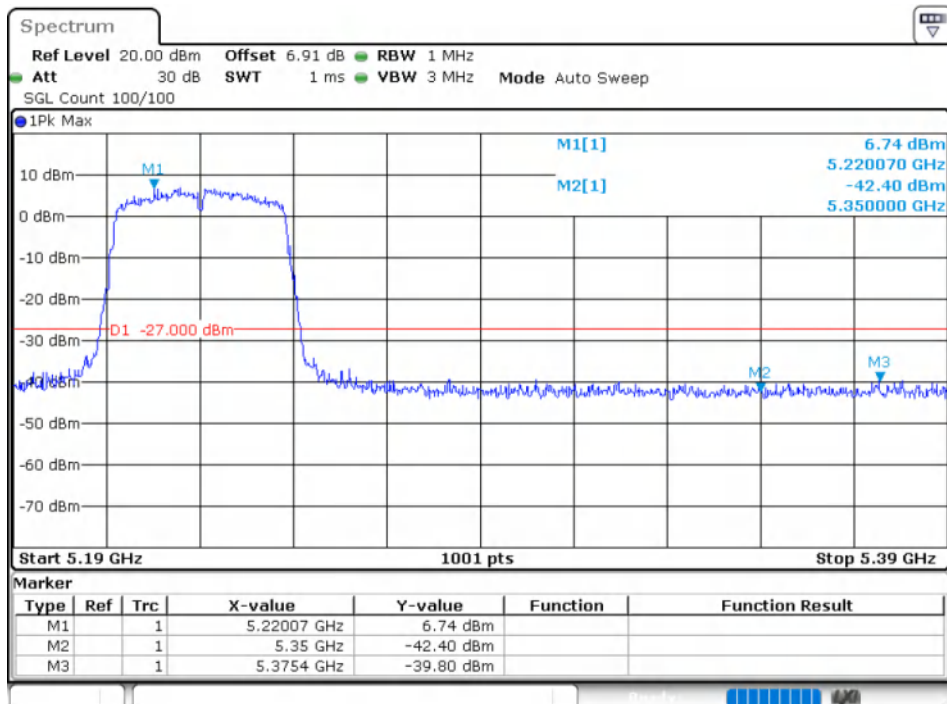
Band Edge NVNT n20 5240MHz High Ant2



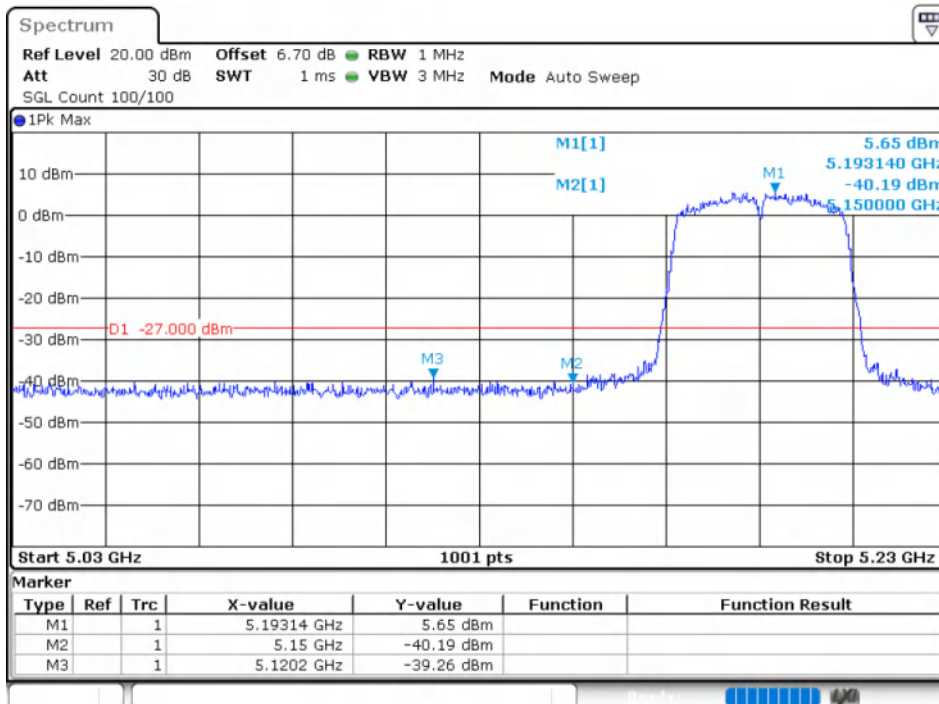
Band Edge NVNT n40 5190MHz Low Ant1



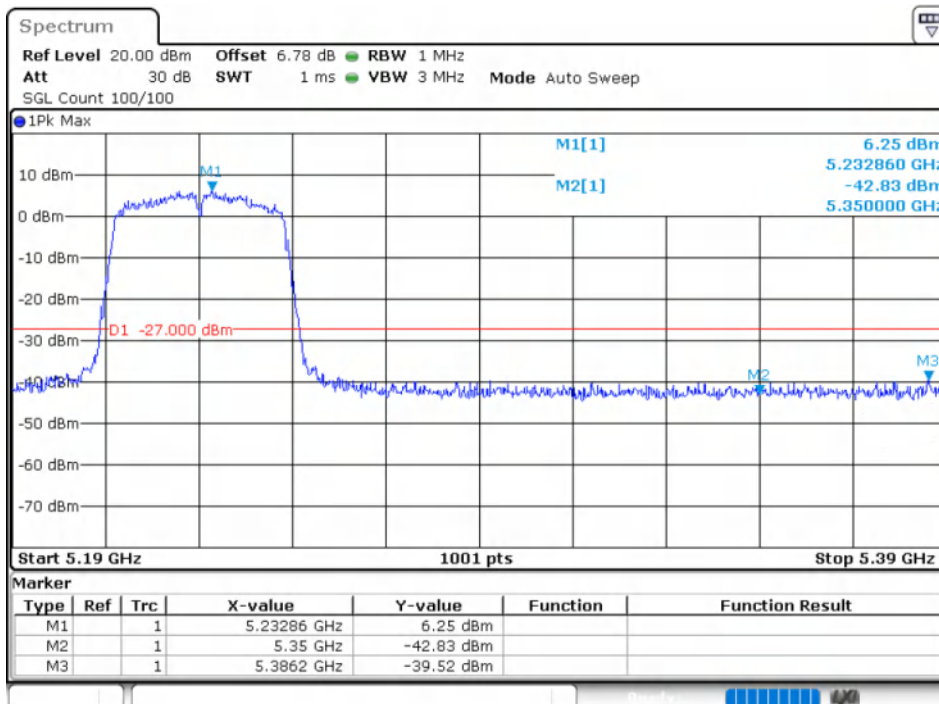
Band Edge NVNT n40 5230MHz High Ant1



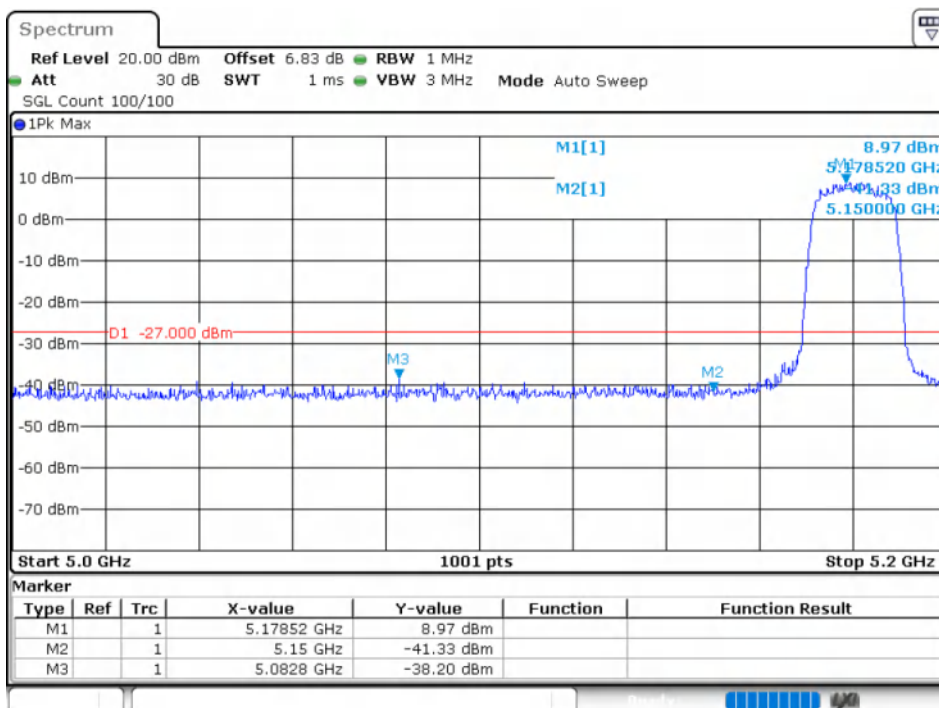
Band Edge NVNT n40 5190MHz Low Ant2



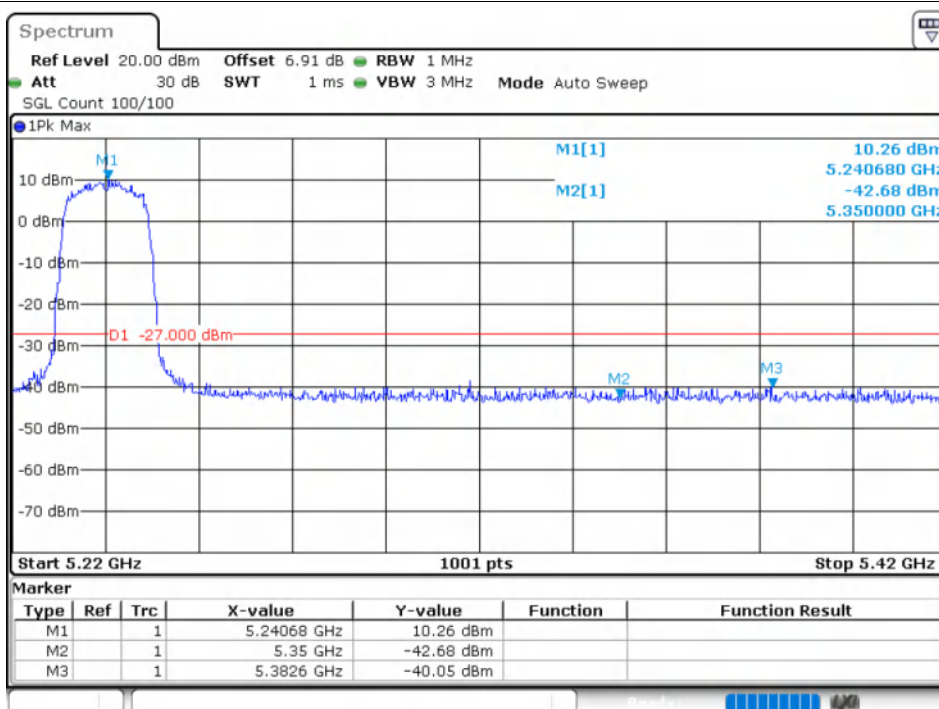
Band Edge NVNT n40 5230MHz High Ant2



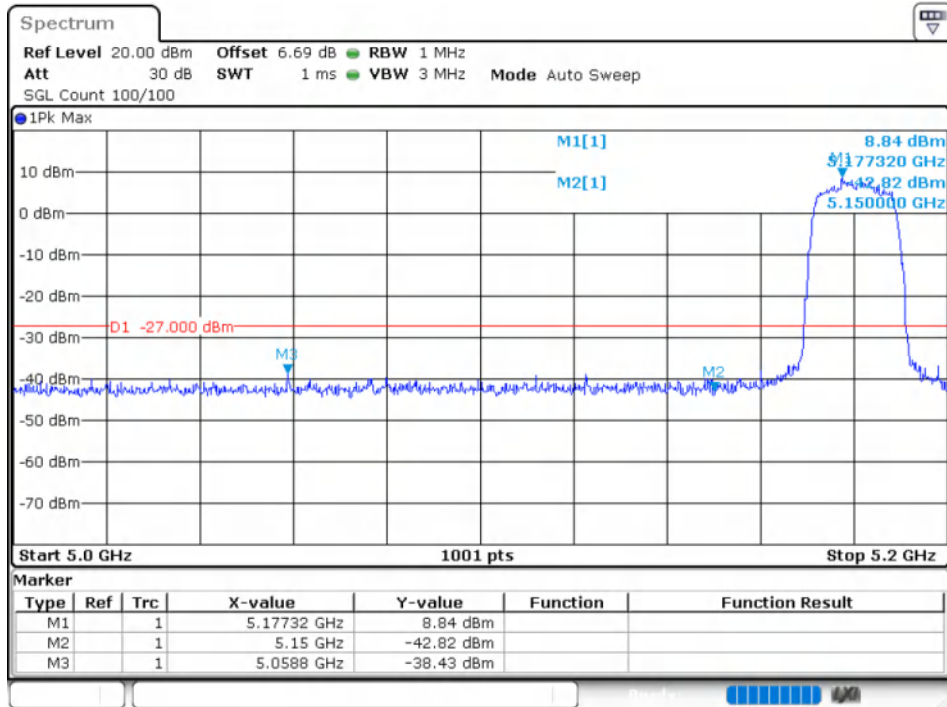
Band Edge NVNT ac20 5180MHz Low Ant1



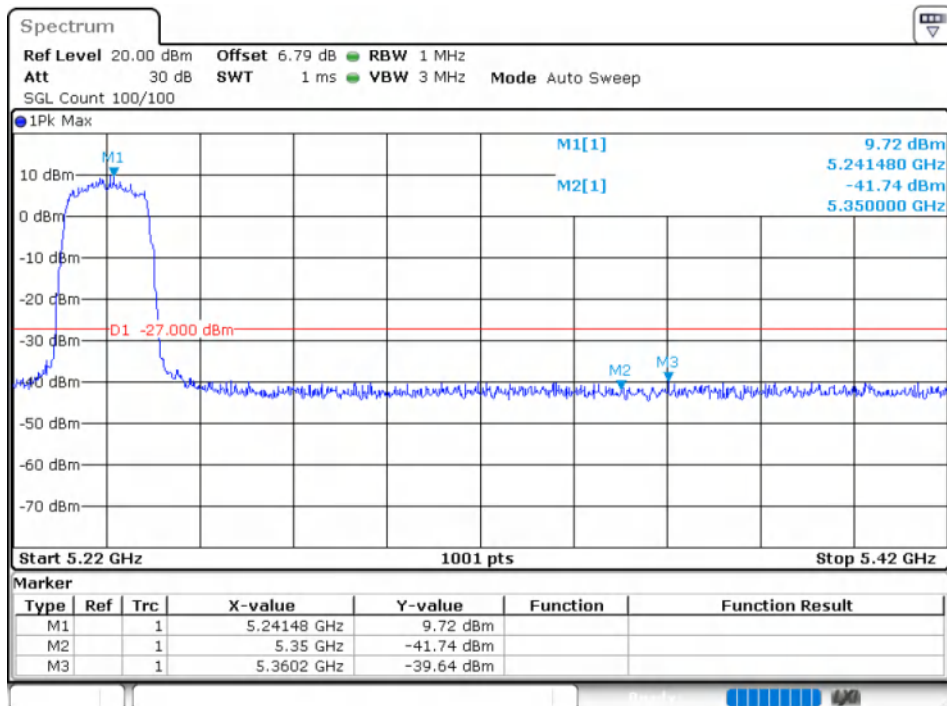
Band Edge NVNT ac20 5240MHz High Ant1



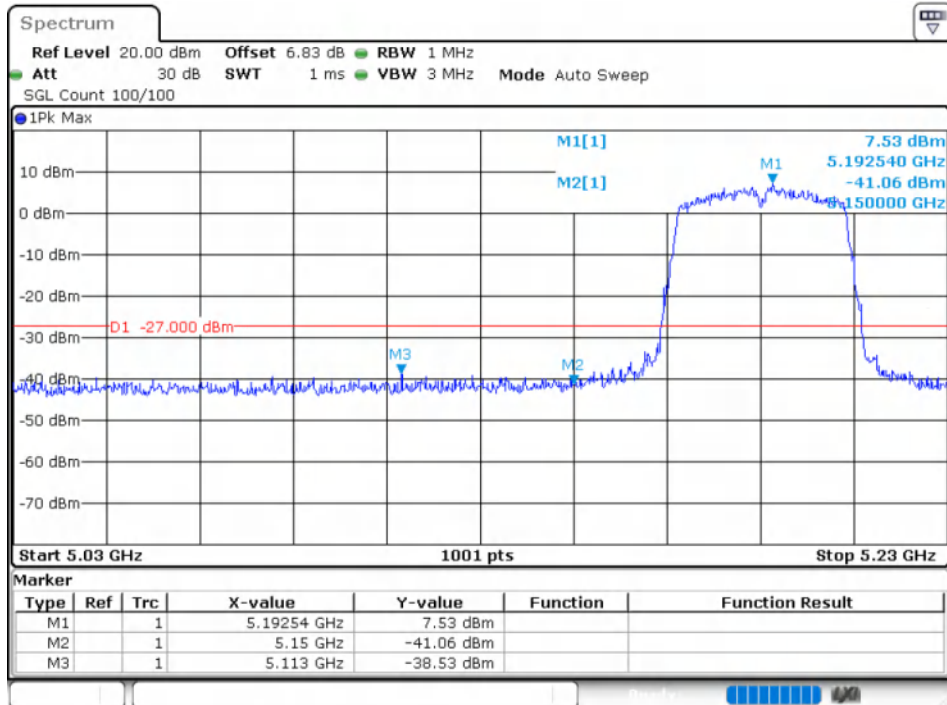
Band Edge NVNT ac20 5180MHz Low Ant2



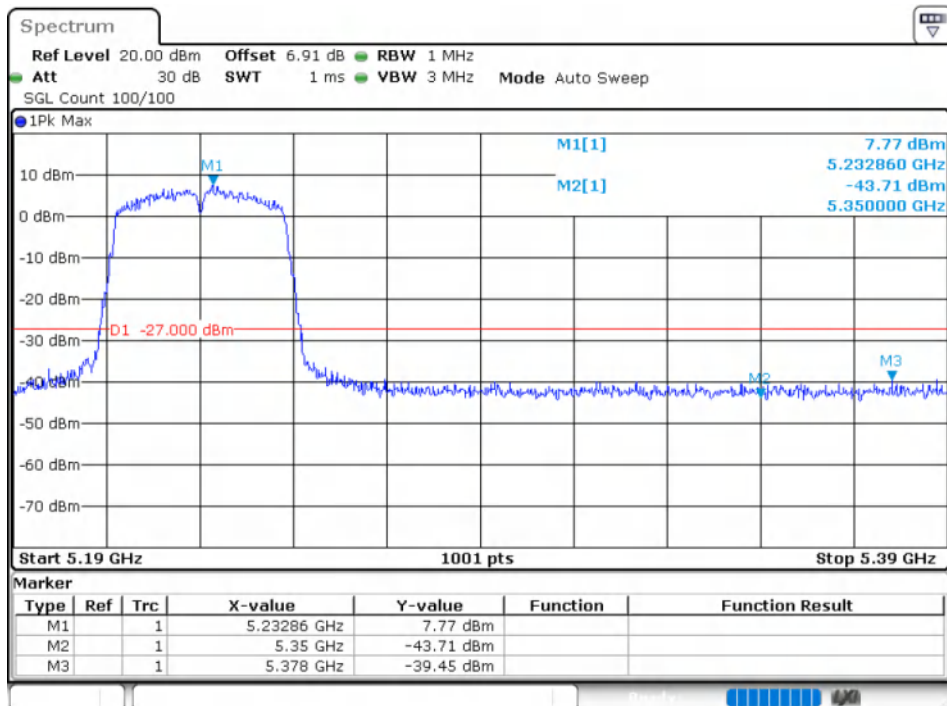
Band Edge NVNT ac20 5240MHz High Ant2



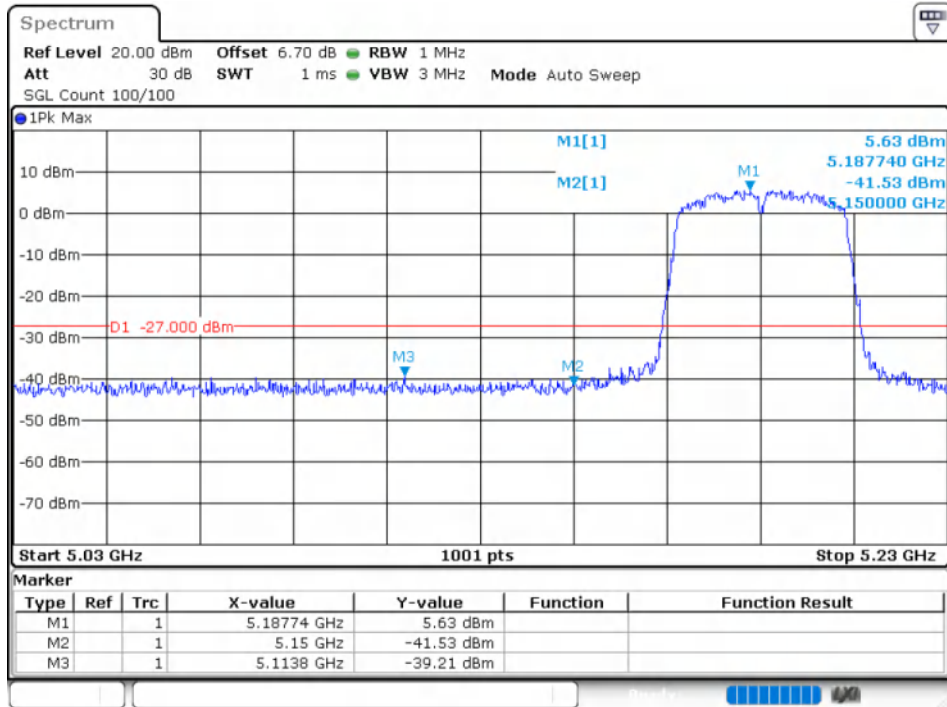
Band Edge NVNT ac40 5190MHz Low Ant1



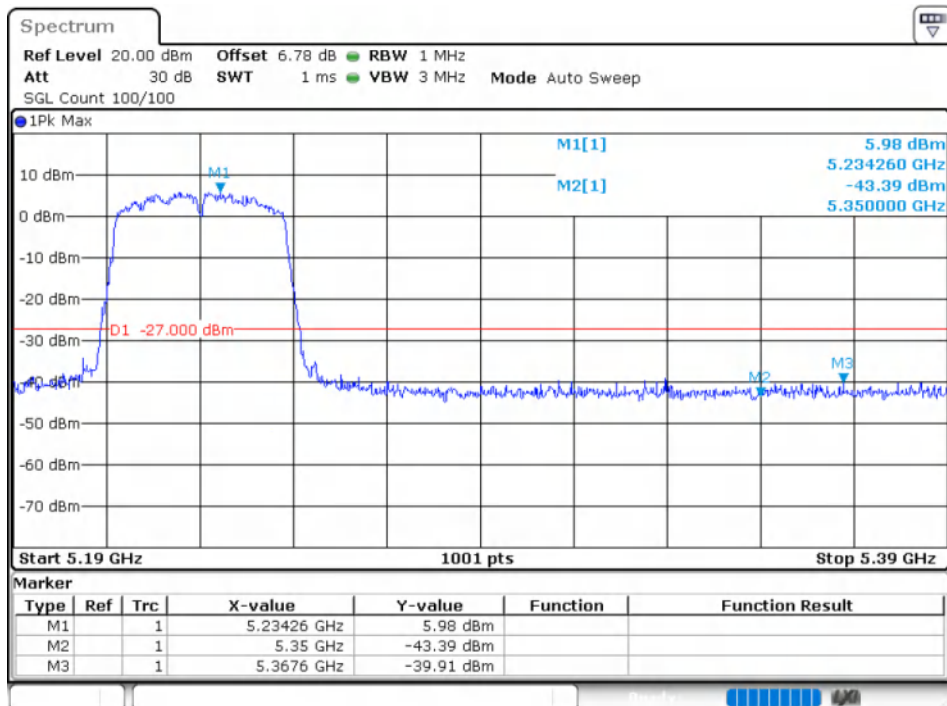
Band Edge NVNT ac40 5230MHz High Ant1



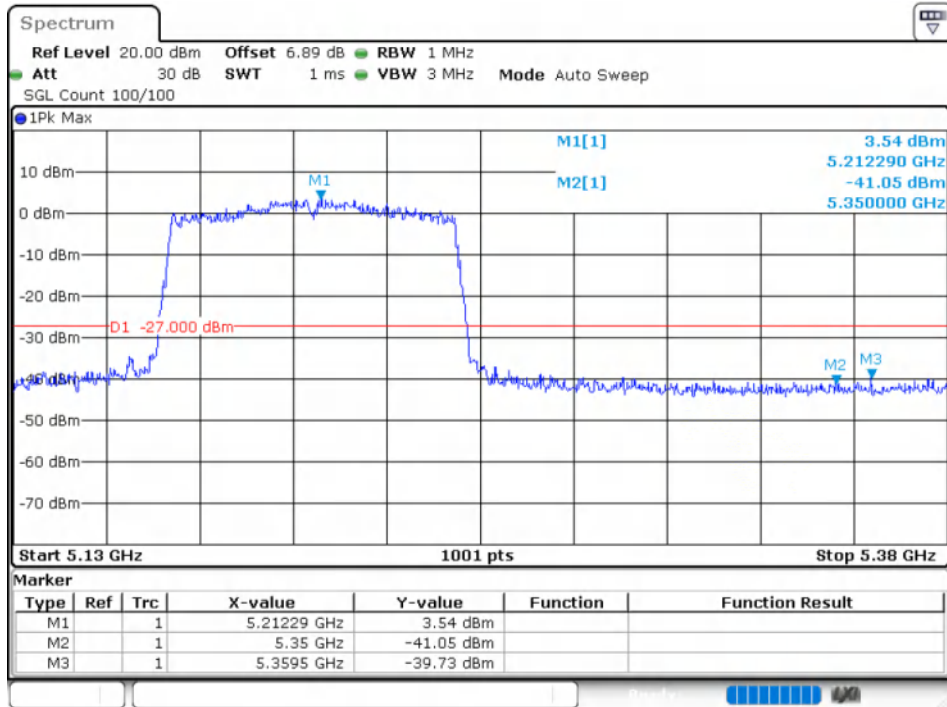
Band Edge NVNT ac40 5190MHz Low Ant2



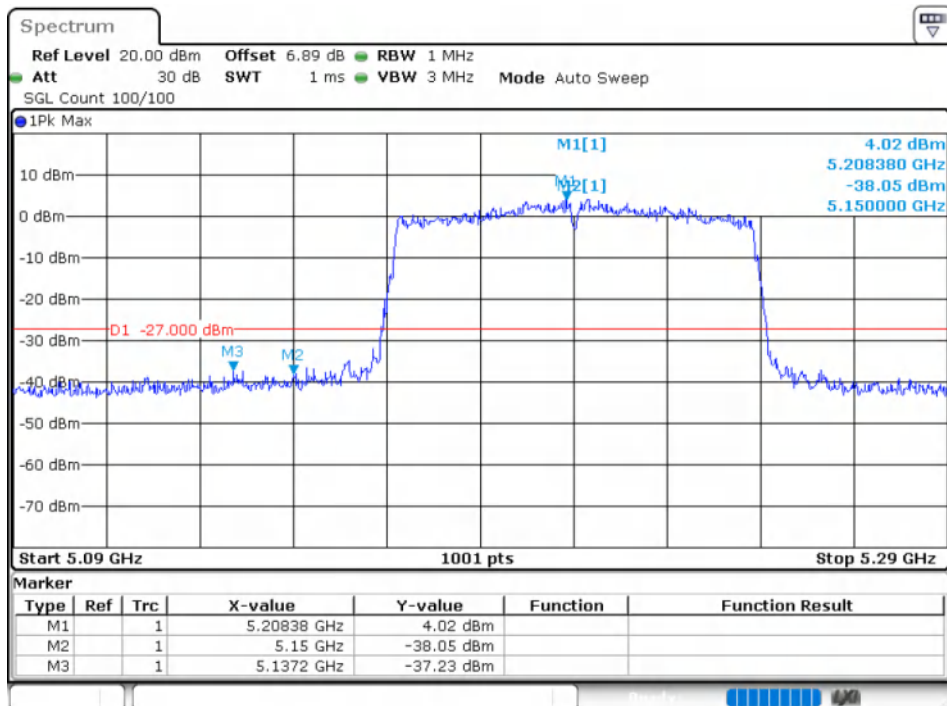
Band Edge NVNT ac40 5230MHz High Ant2



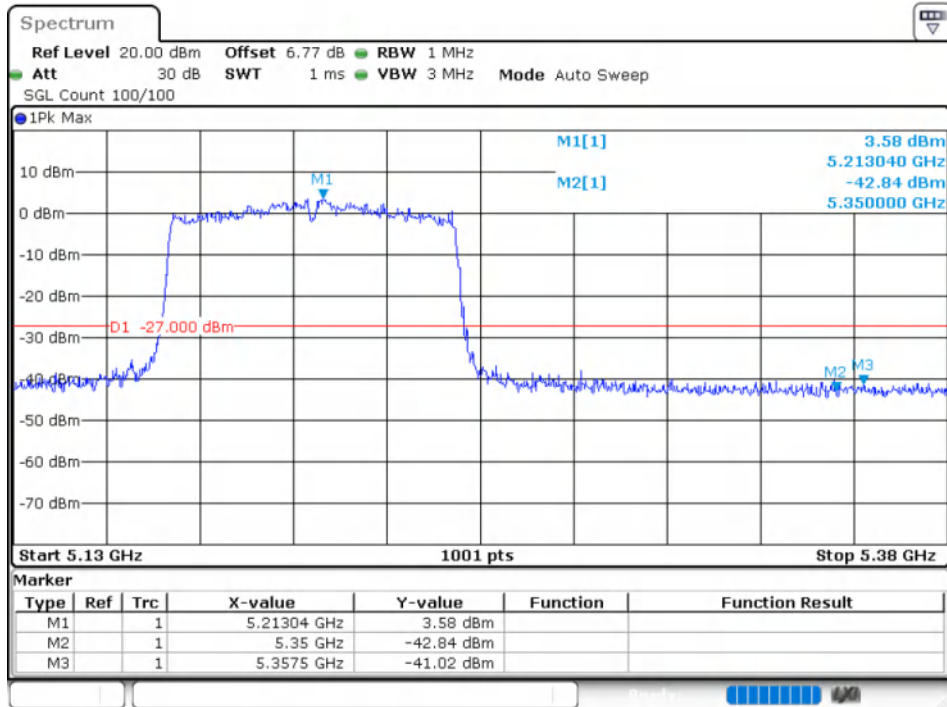
Band Edge NVNT ac80 5210MHz High Ant1



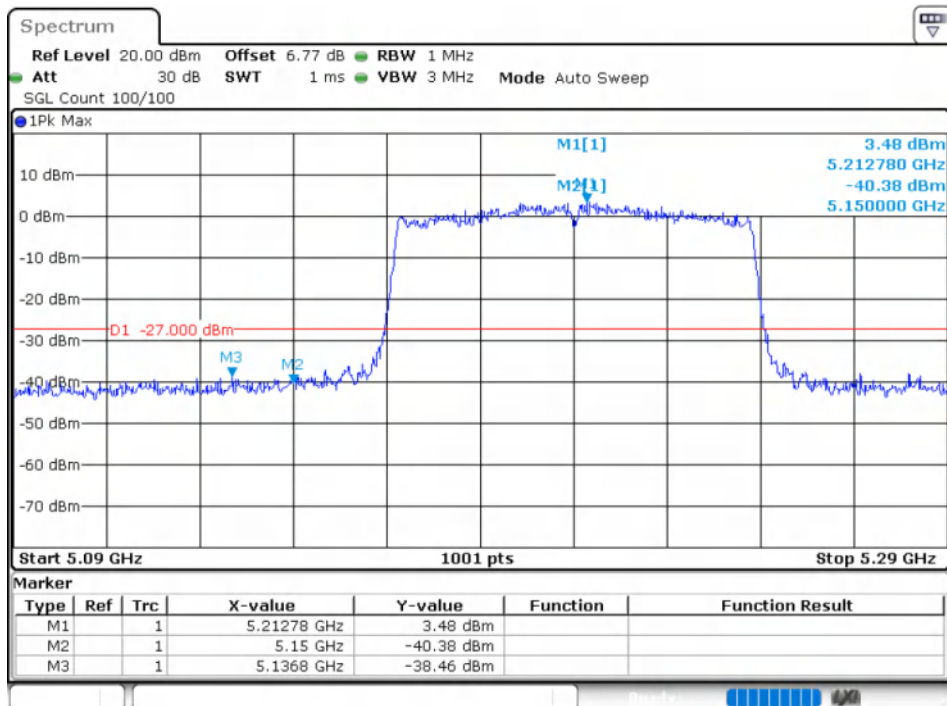
Band Edge NVNT ac80 5210MHz Low Ant1



Band Edge NVNT ac80 5210MHz High Ant2



Band Edge NVNT ac80 5210MHz Low Ant2

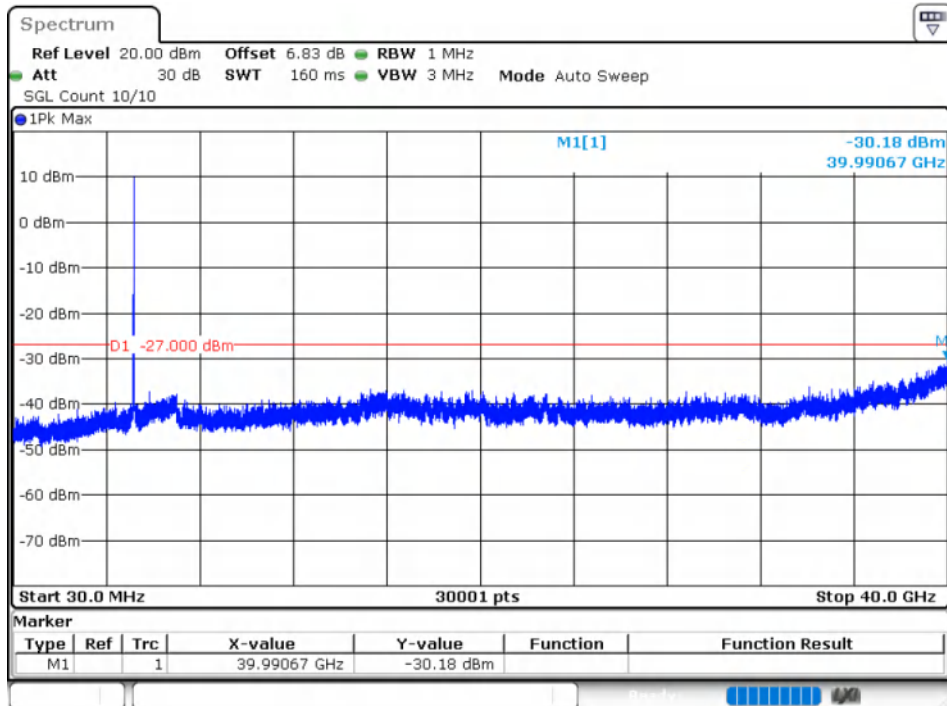


Conducted RF Spurious Emission

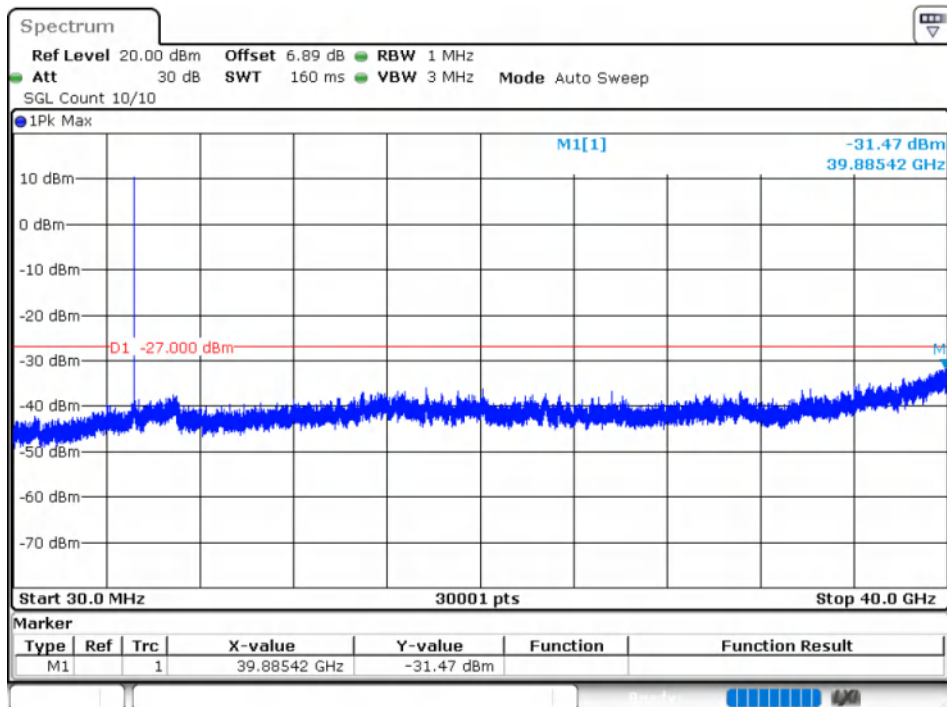
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-30.18	-27	Pass
NVNT	a	5200	Ant1	-31.47	-27	Pass
NVNT	a	5240	Ant1	-30.86	-27	Pass
NVNT	a	5180	Ant2	-31.61	-27	Pass
NVNT	a	5200	Ant2	-31.89	-27	Pass
NVNT	a	5240	Ant2	-31.15	-27	Pass
NVNT	n20	5180	Ant1	-31.47	-27	Pass
NVNT	n20	5200	Ant1	-30.38	-27	Pass
NVNT	n20	5240	Ant1	-30.83	-27	Pass
NVNT	n20	5180	Ant2	-31.28	-27	Pass
NVNT	n20	5200	Ant2	-30.89	-27	Pass
NVNT	n20	5240	Ant2	-30.88	-27	Pass
NVNT	n40	5190	Ant1	-31.08	-27	Pass
NVNT	n40	5230	Ant1	-31.57	-27	Pass
NVNT	n40	5190	Ant2	-32.17	-27	Pass
NVNT	n40	5230	Ant2	-31.28	-27	Pass
NVNT	ac20	5180	Ant1	-31.54	-27	Pass
NVNT	ac20	5200	Ant1	-31.09	-27	Pass
NVNT	ac20	5240	Ant1	-31.33	-27	Pass
NVNT	ac20	5180	Ant2	-31.83	-27	Pass
NVNT	ac20	5200	Ant2	-32	-27	Pass
NVNT	ac20	5240	Ant2	-30.81	-27	Pass
NVNT	ac40	5190	Ant1	-31.26	-27	Pass
NVNT	ac40	5230	Ant1	-31.57	-27	Pass
NVNT	ac40	5190	Ant2	-31.34	-27	Pass
NVNT	ac40	5230	Ant2	-31.64	-27	Pass
NVNT	ac80	5210	Ant1	-30.13	-27	Pass
NVNT	ac80	5210	Ant2	-30.93	-27	Pass

Test Graphs

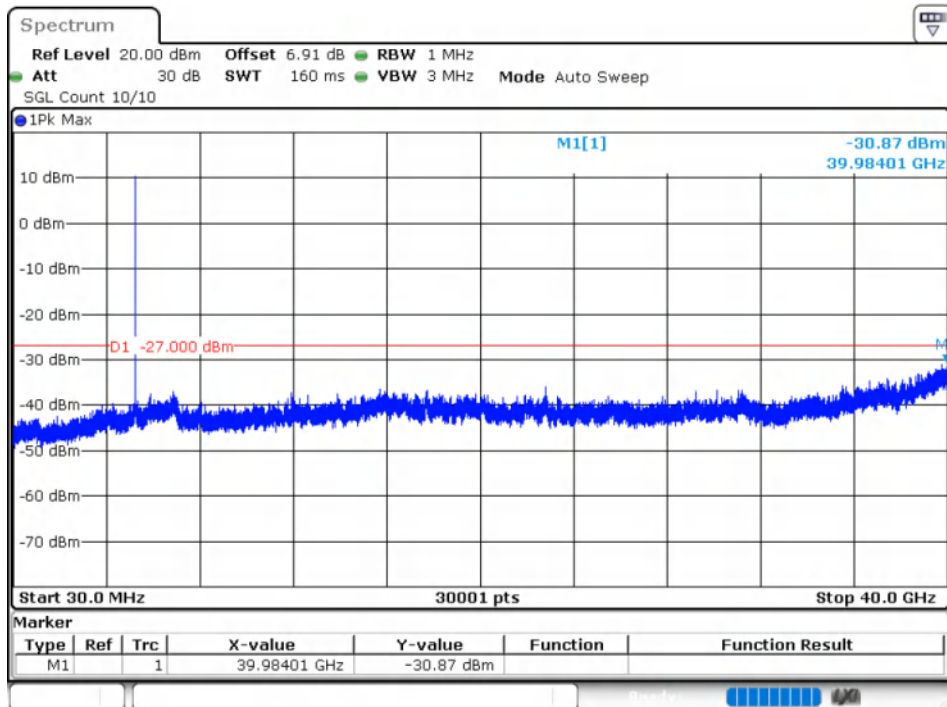
Tx. Spurious NVNT a 5180MHz Ant1 Emission



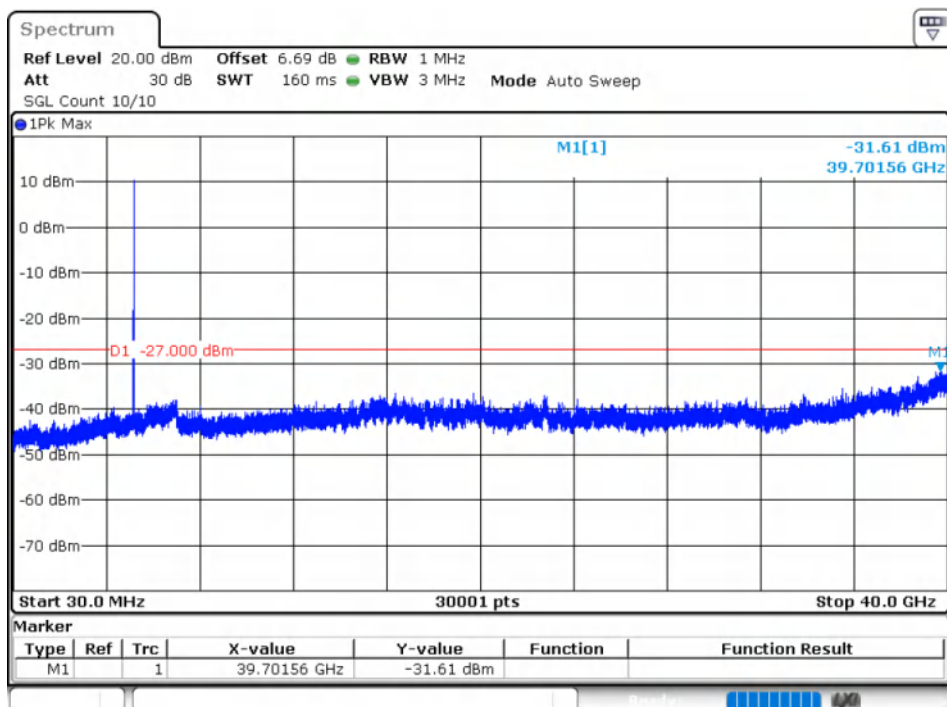
Tx. Spurious NVNT a 5200MHz Ant1 Emission



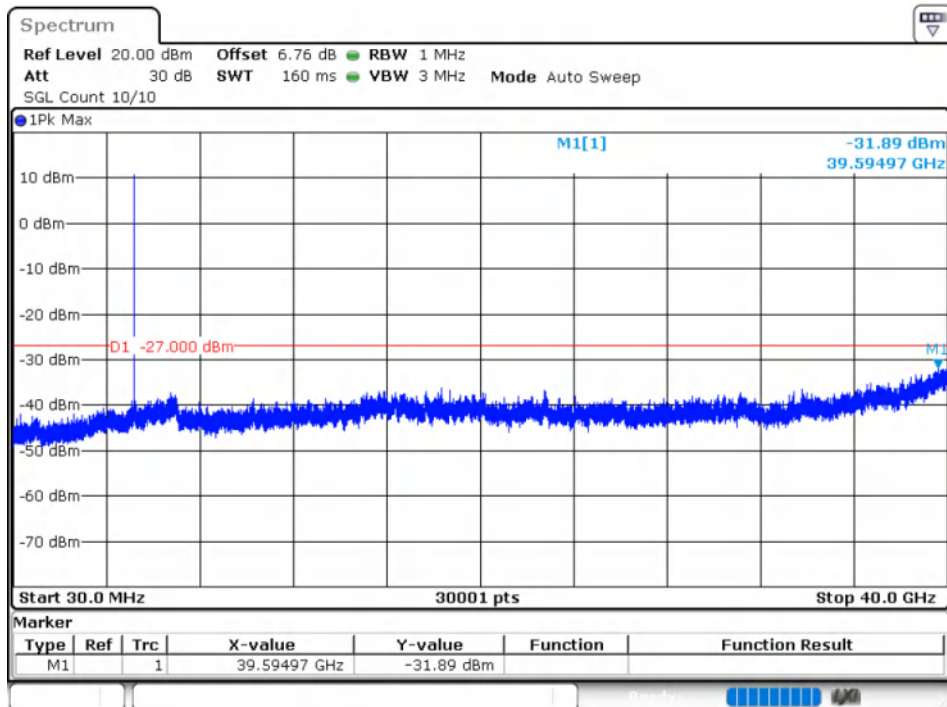
Tx. Spurious NVNT a 5240MHz Ant1 Emission



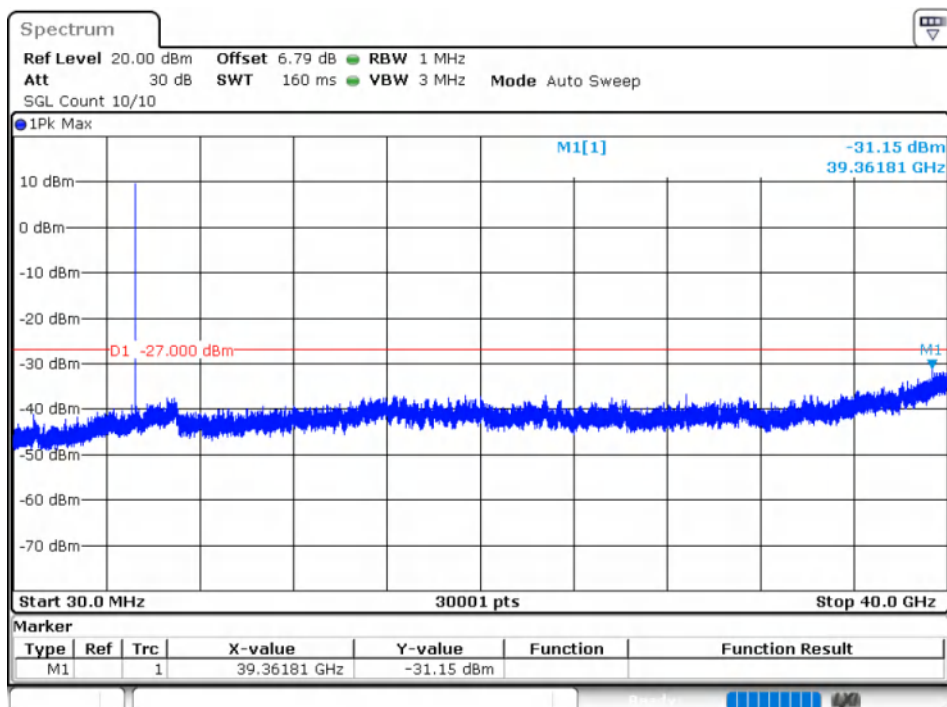
Tx. Spurious NVNT a 5180MHz Ant2 Emission



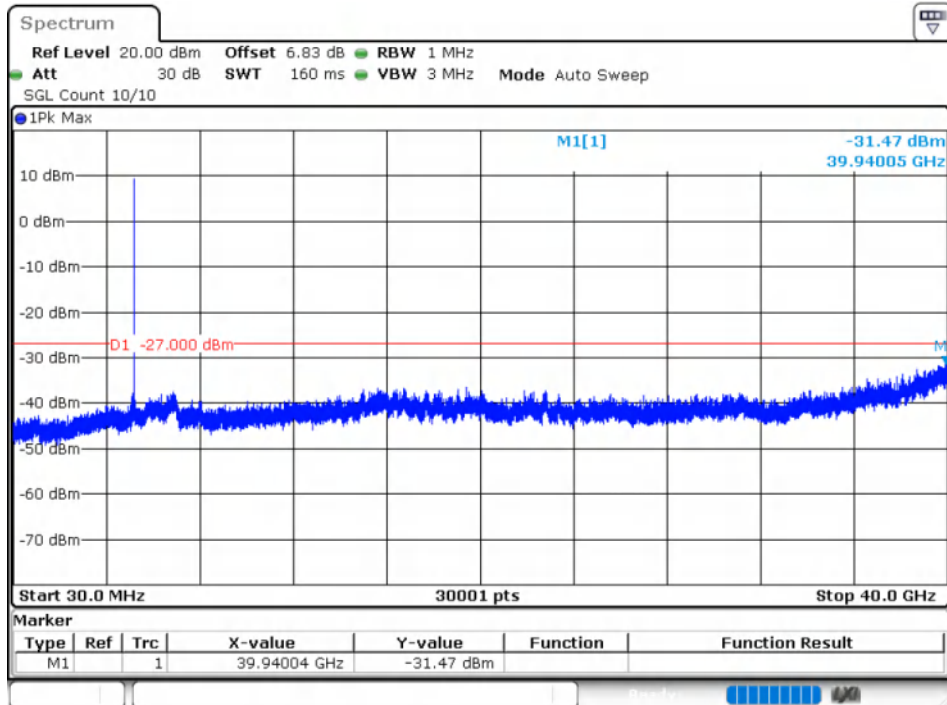
Tx. Spurious NVNT a 5200MHz Ant2 Emission



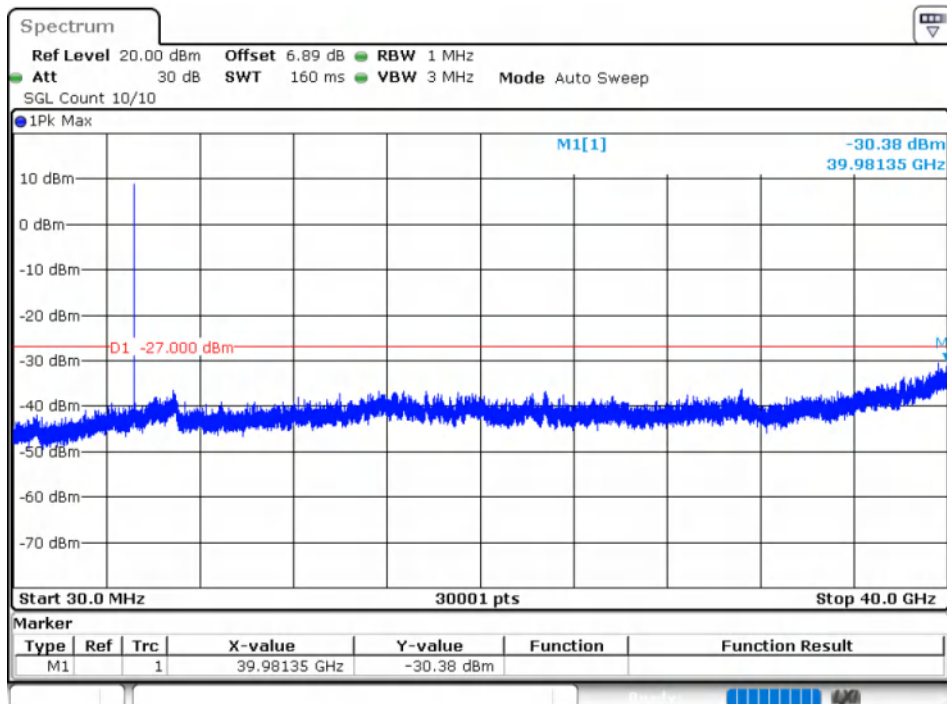
Tx. Spurious NVNT a 5240MHz Ant2 Emission



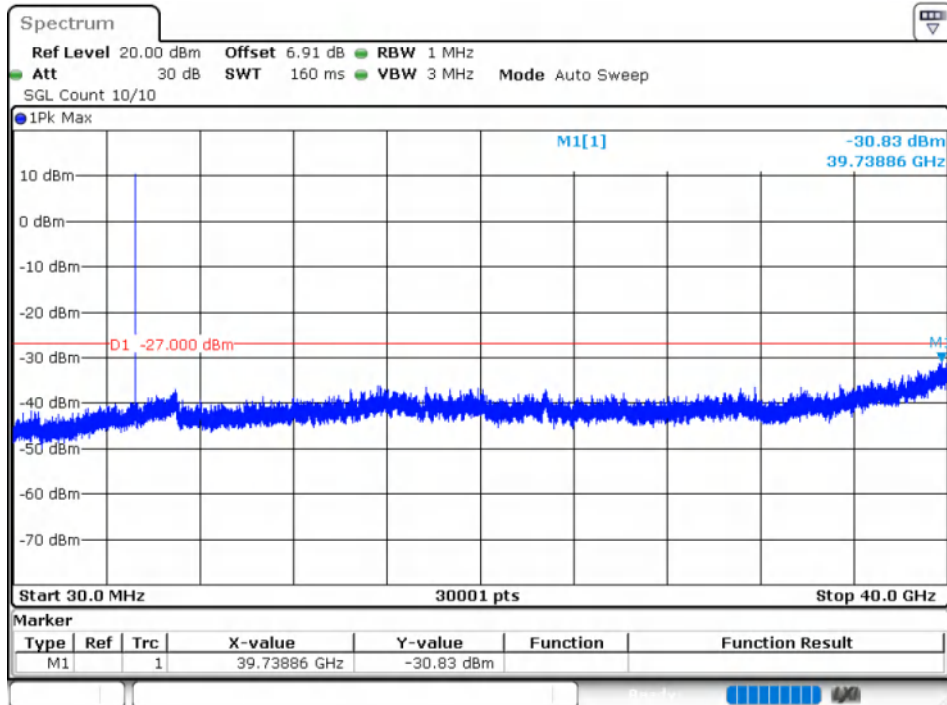
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



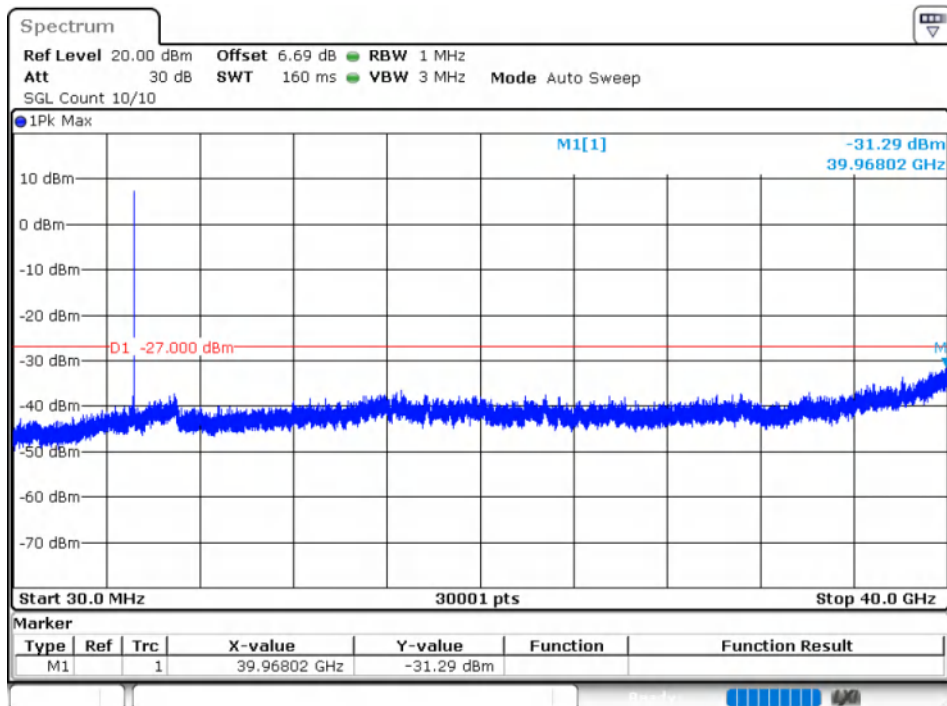
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



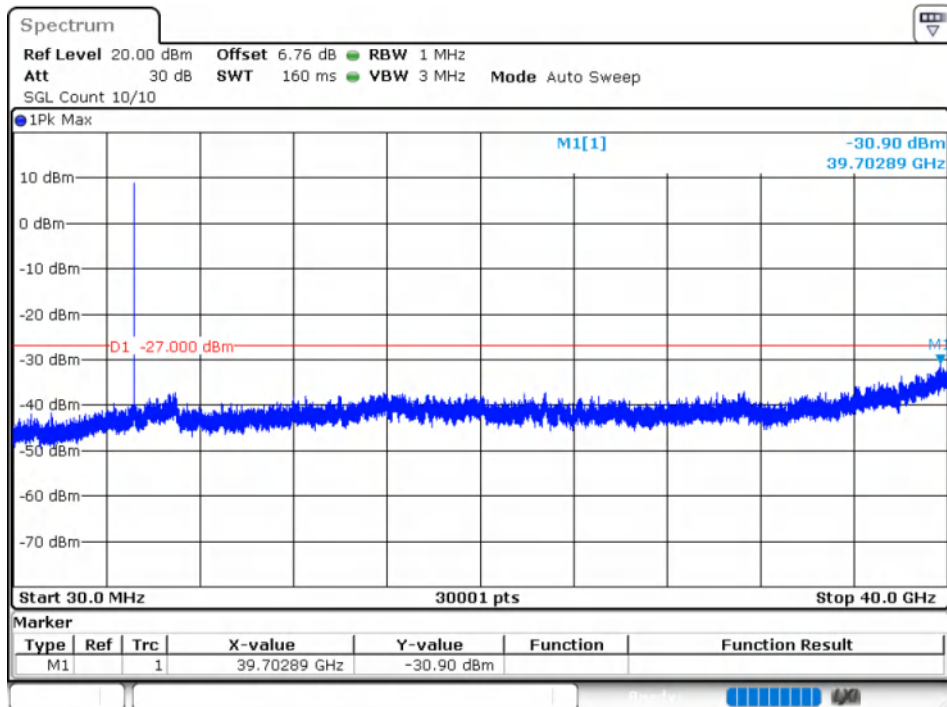
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



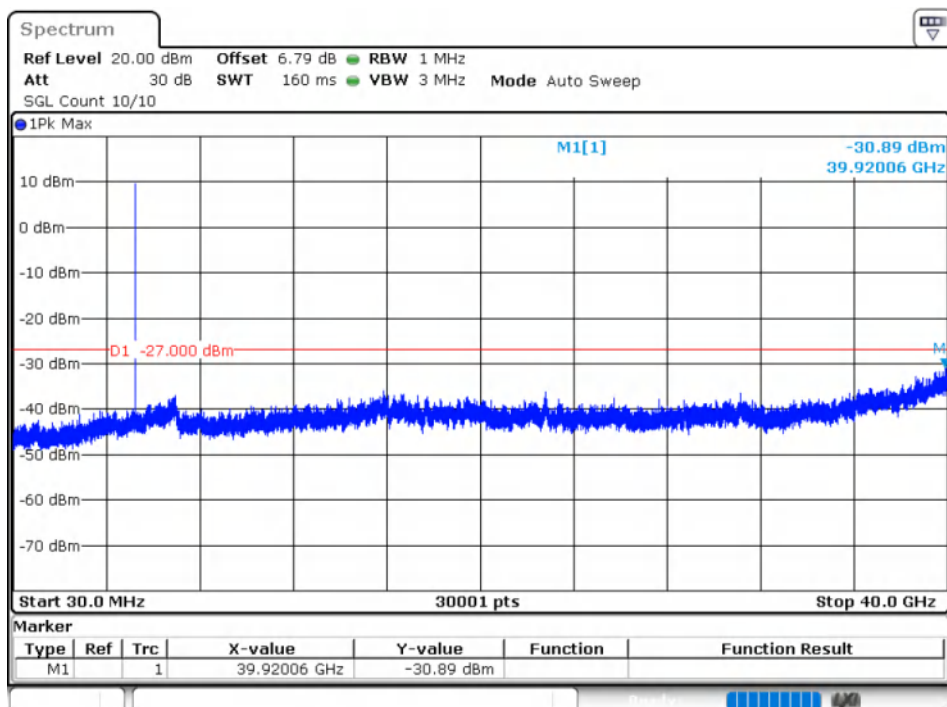
Tx. Spurious NVNT n20 5180MHz Ant2 Emission



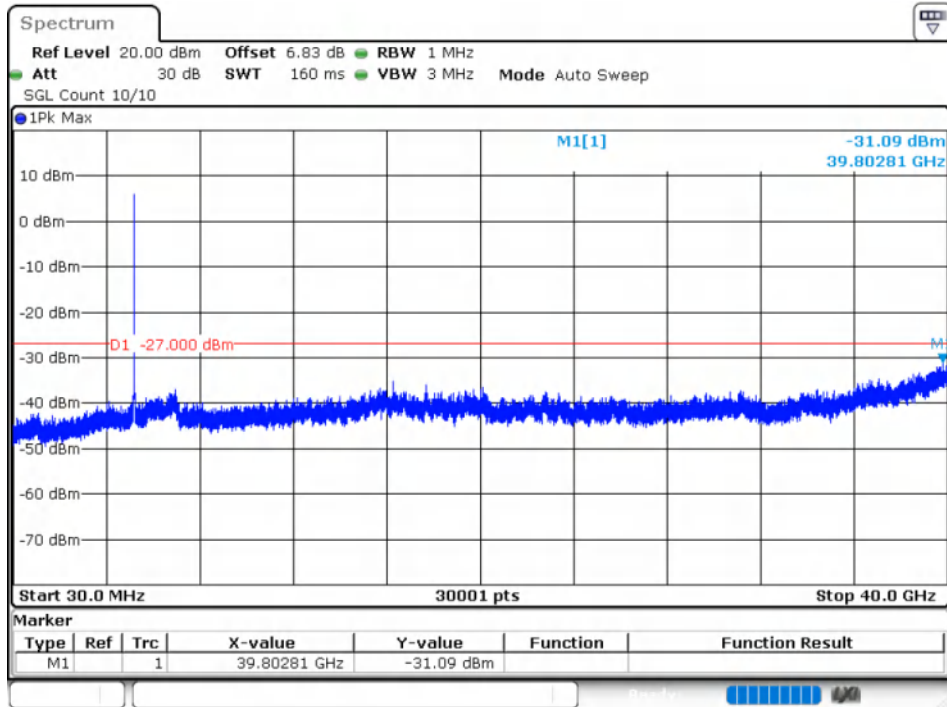
Tx. Spurious NVNT n20 5200MHz Ant2 Emission



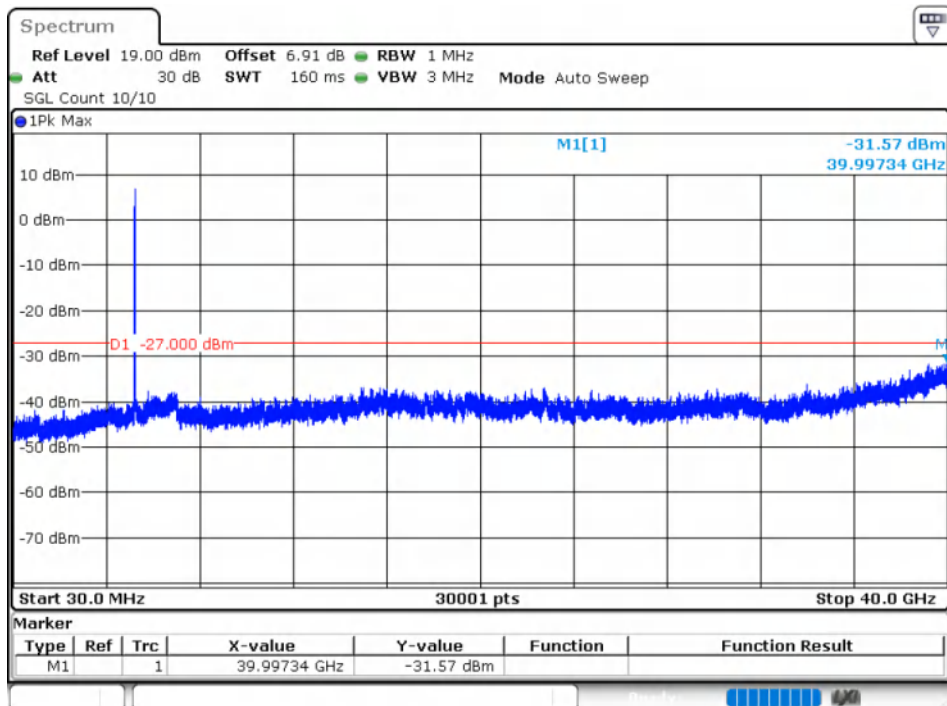
Tx. Spurious NVNT n20 5240MHz Ant2 Emission



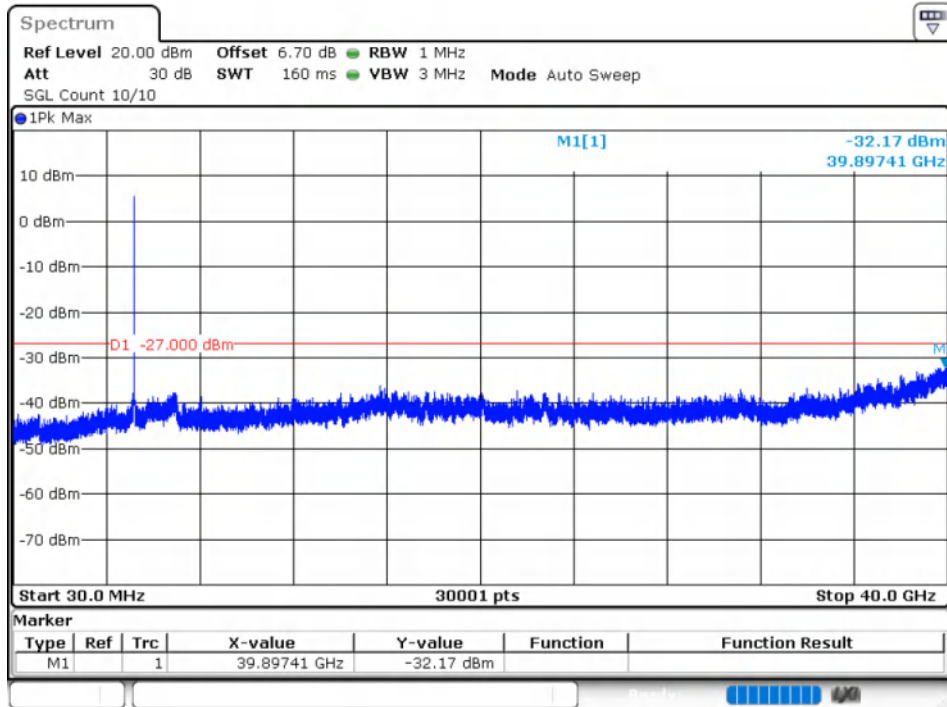
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



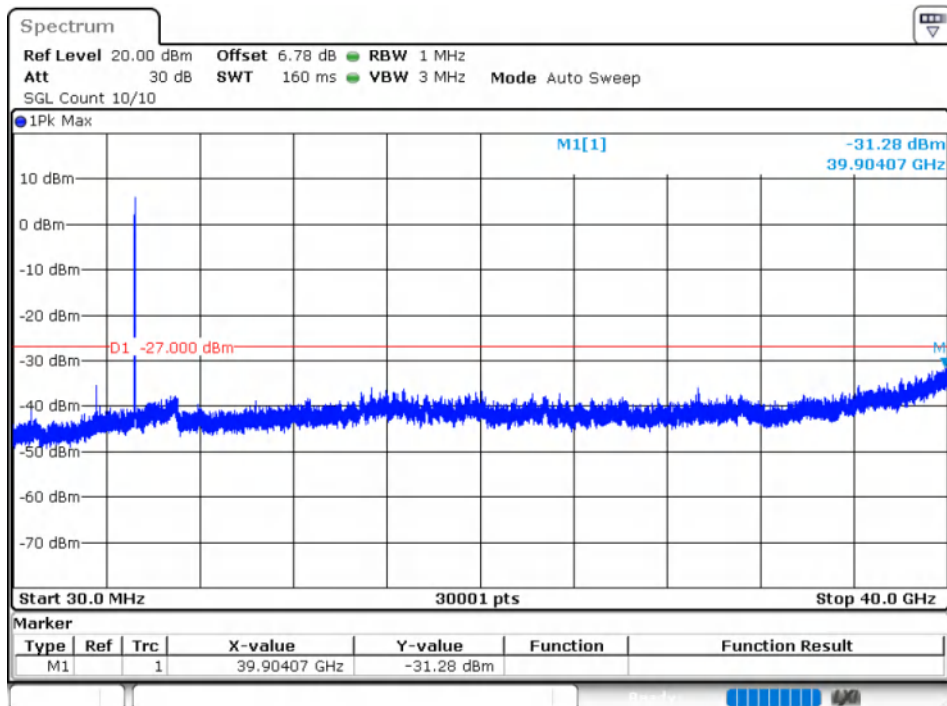
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



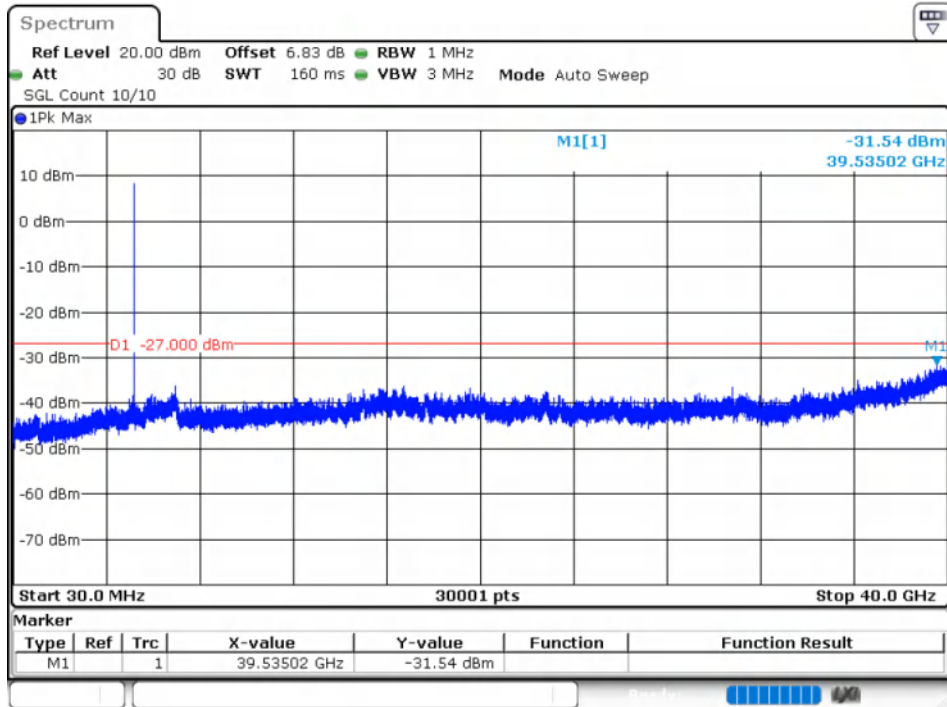
Tx. Spurious NVNT n40 5190MHz Ant2 Emission



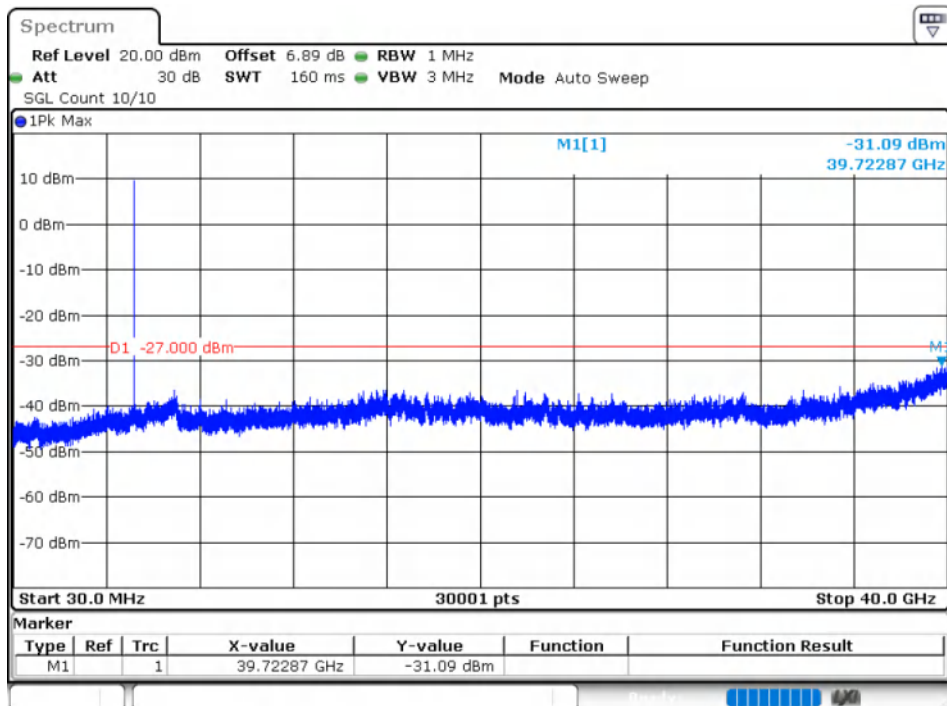
Tx. Spurious NVNT n40 5230MHz Ant2 Emission



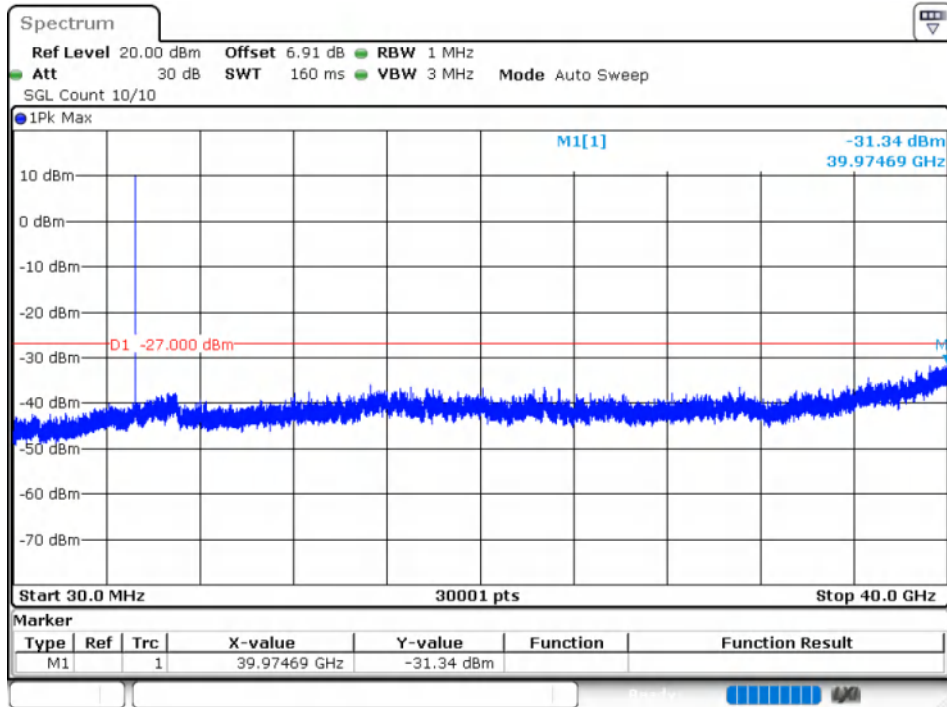
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



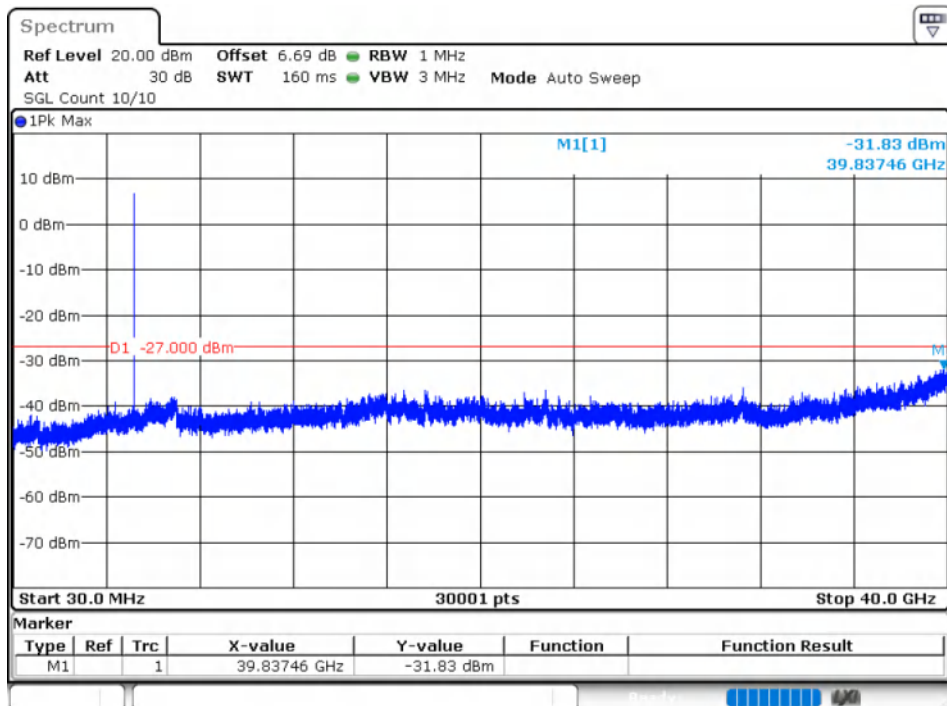
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



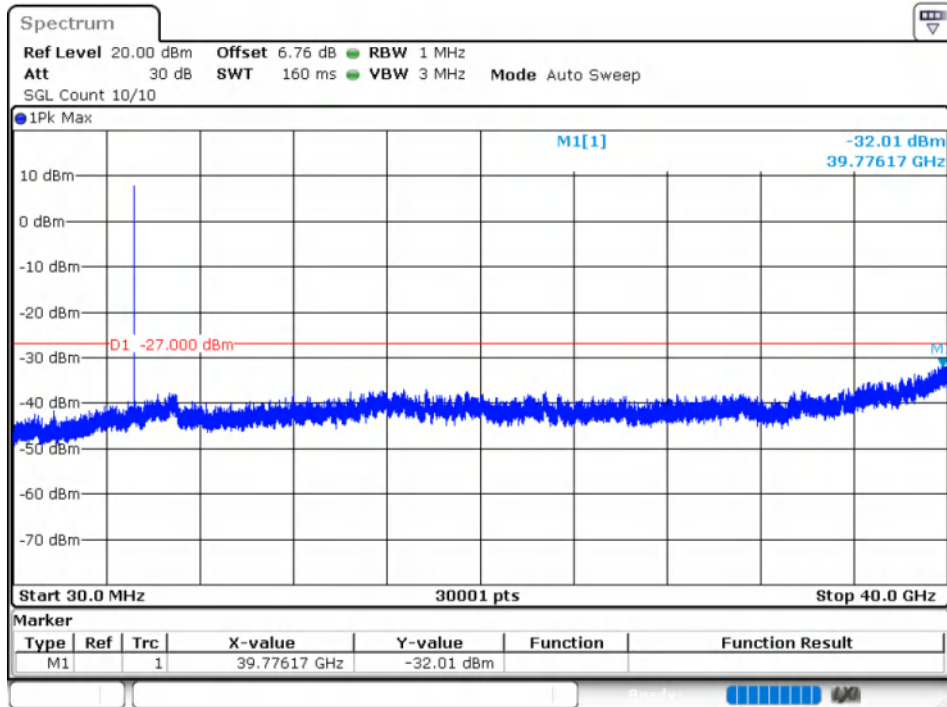
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



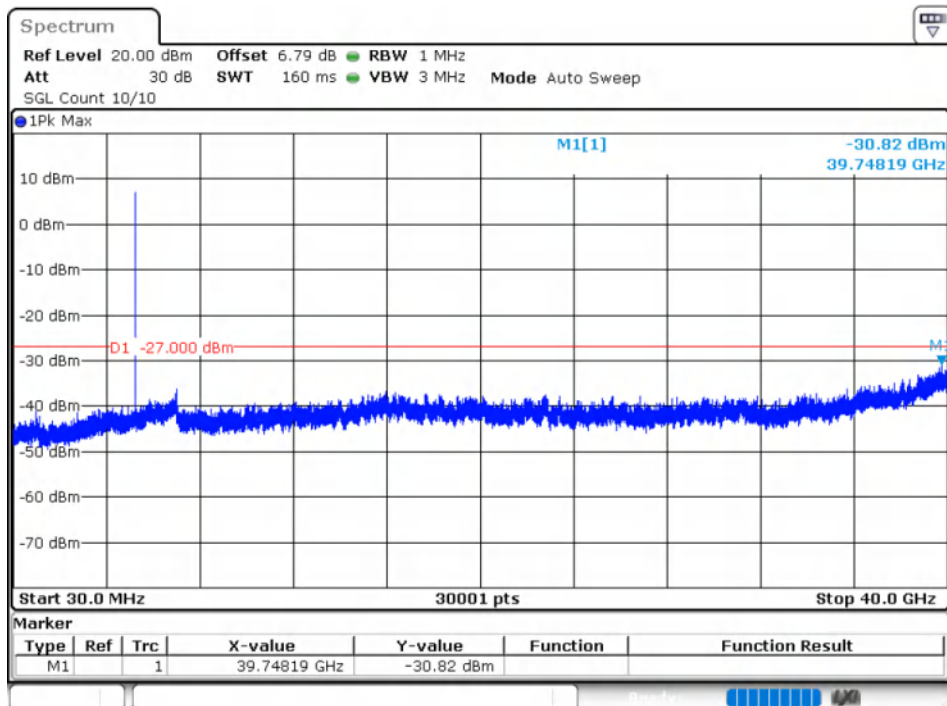
Tx. Spurious NVNT ac20 5180MHz Ant2 Emission



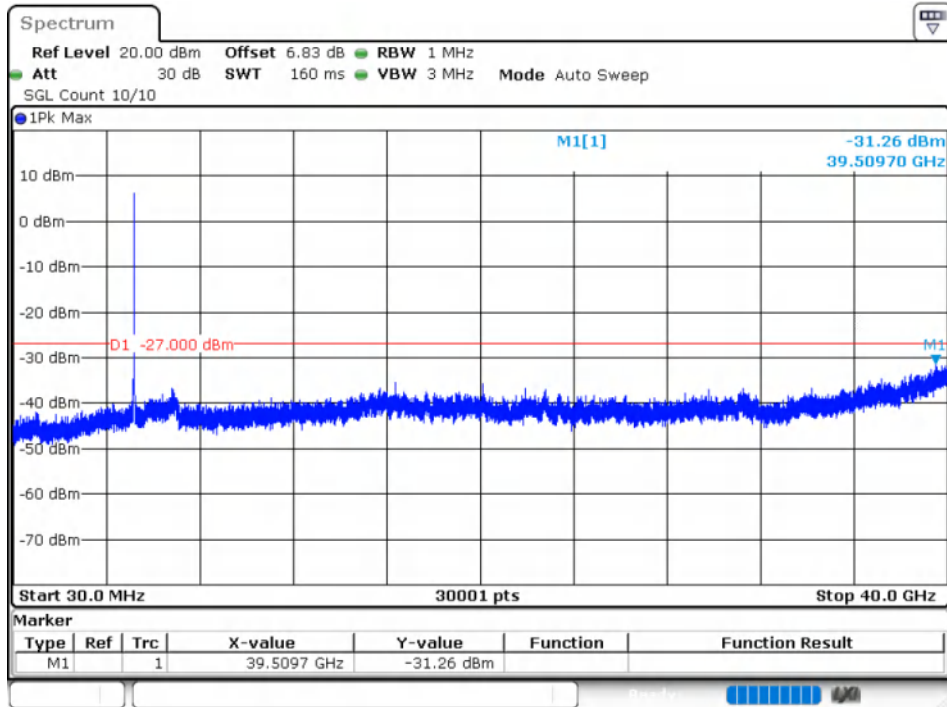
Tx. Spurious NVNT ac20 5200MHz Ant2 Emission



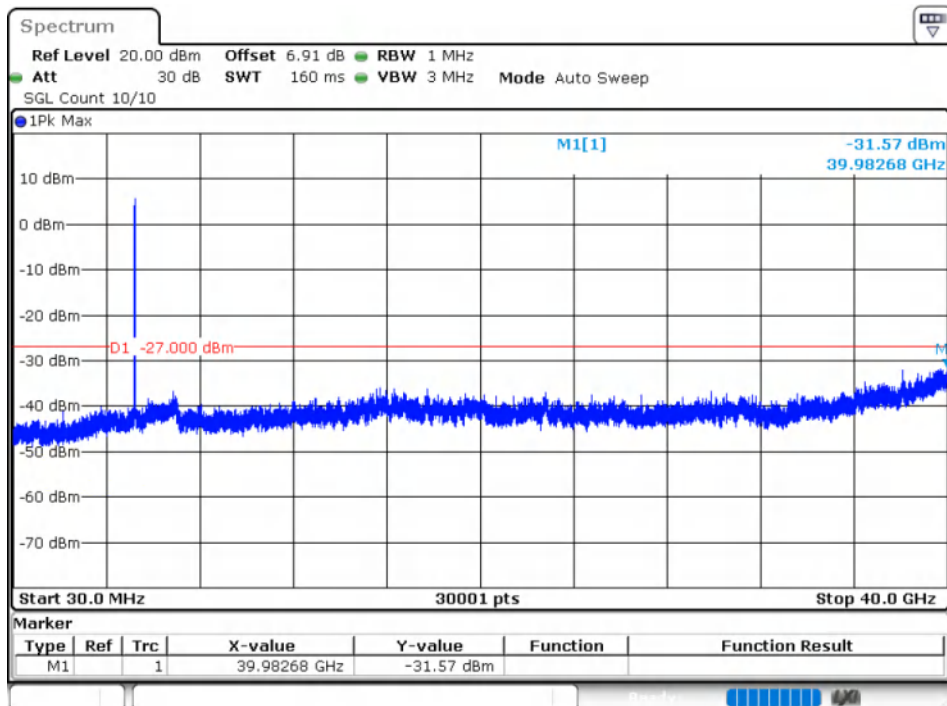
Tx. Spurious NVNT ac20 5240MHz Ant2 Emission



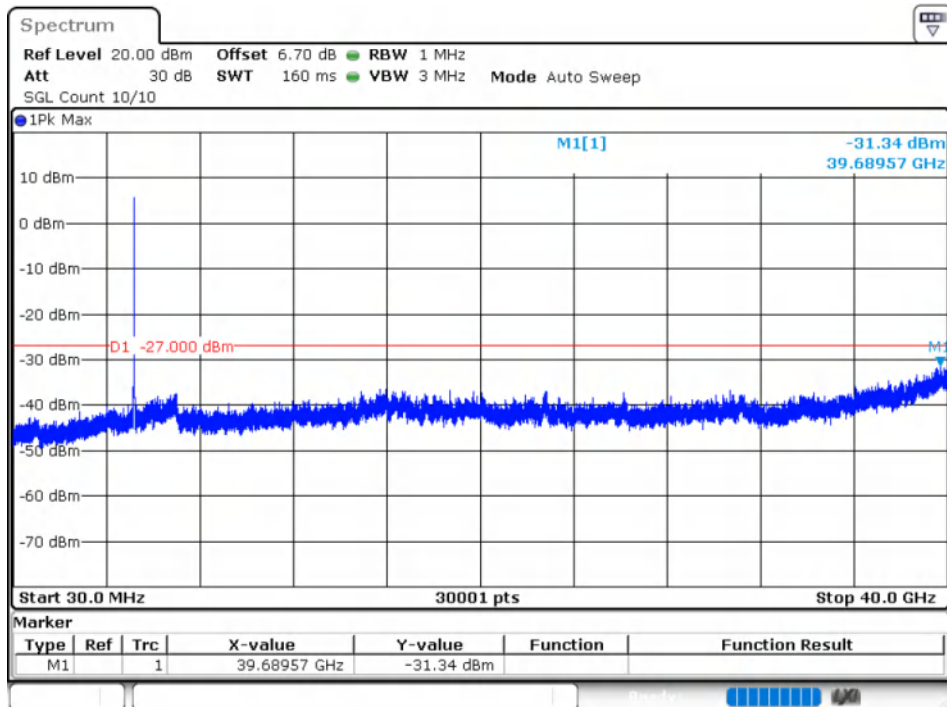
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



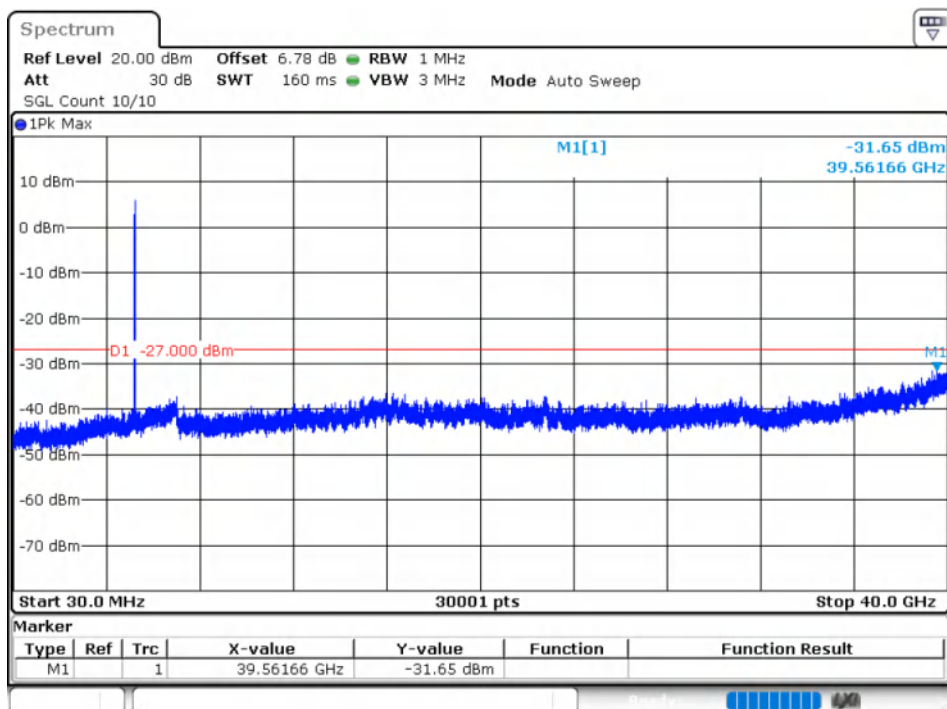
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



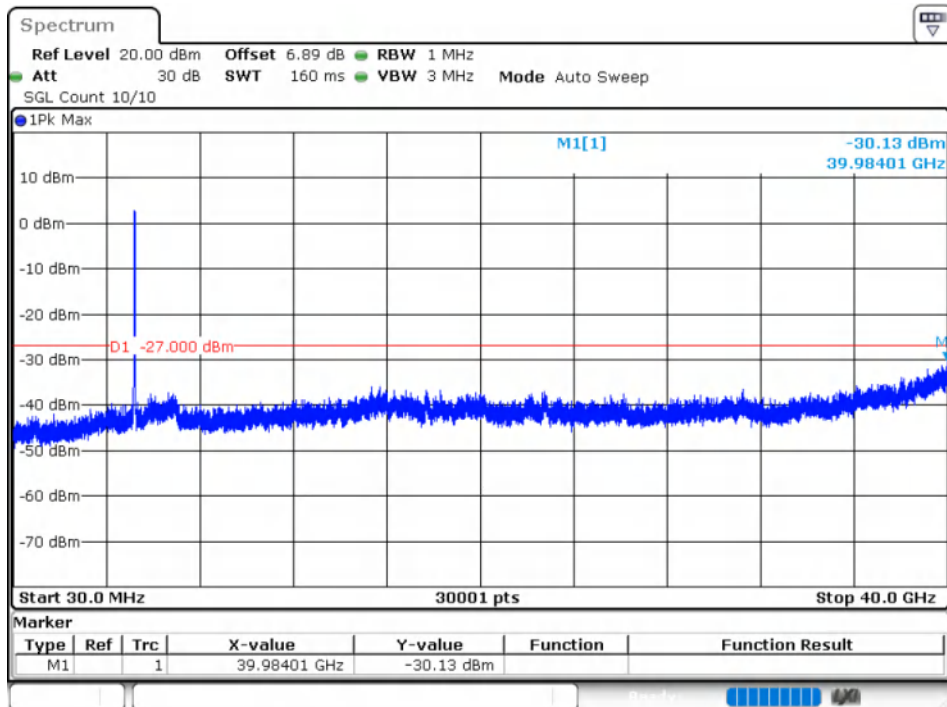
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



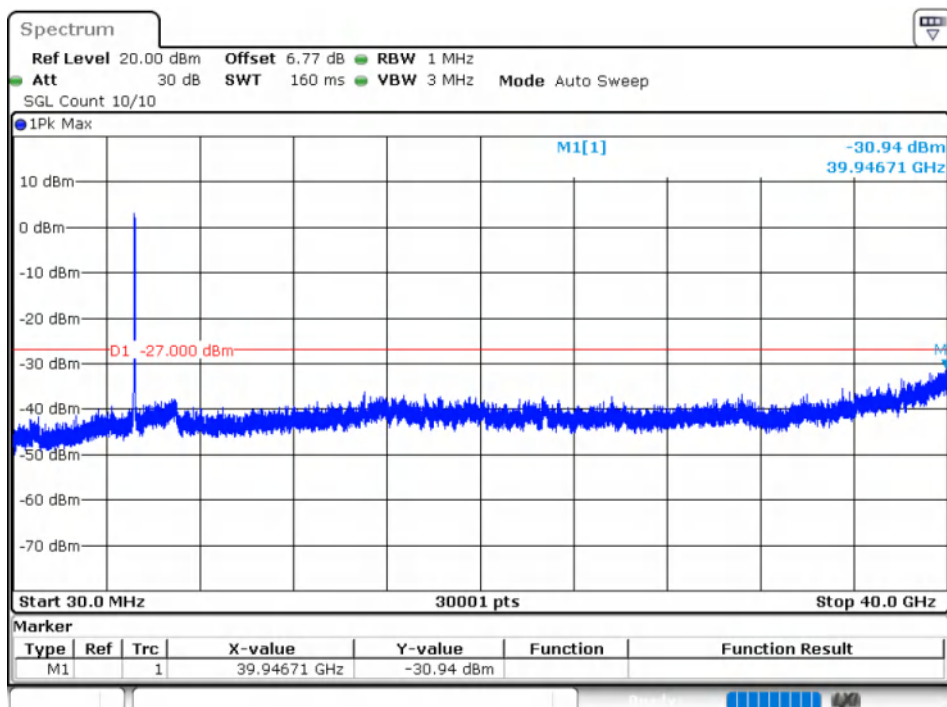
Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



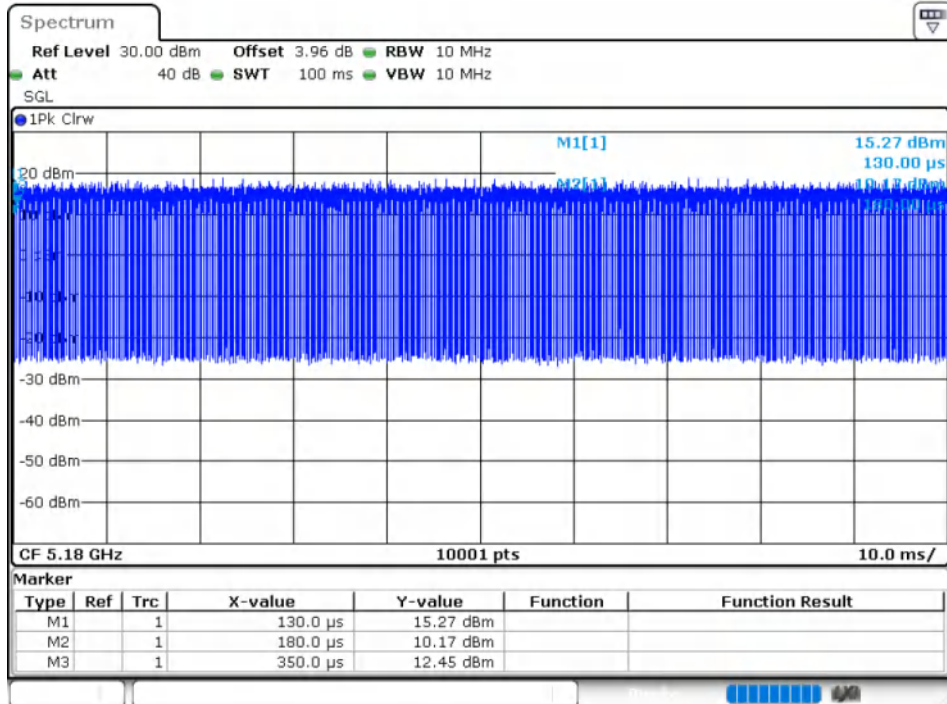
5.2G WIFI MIMO

Duty Cycle

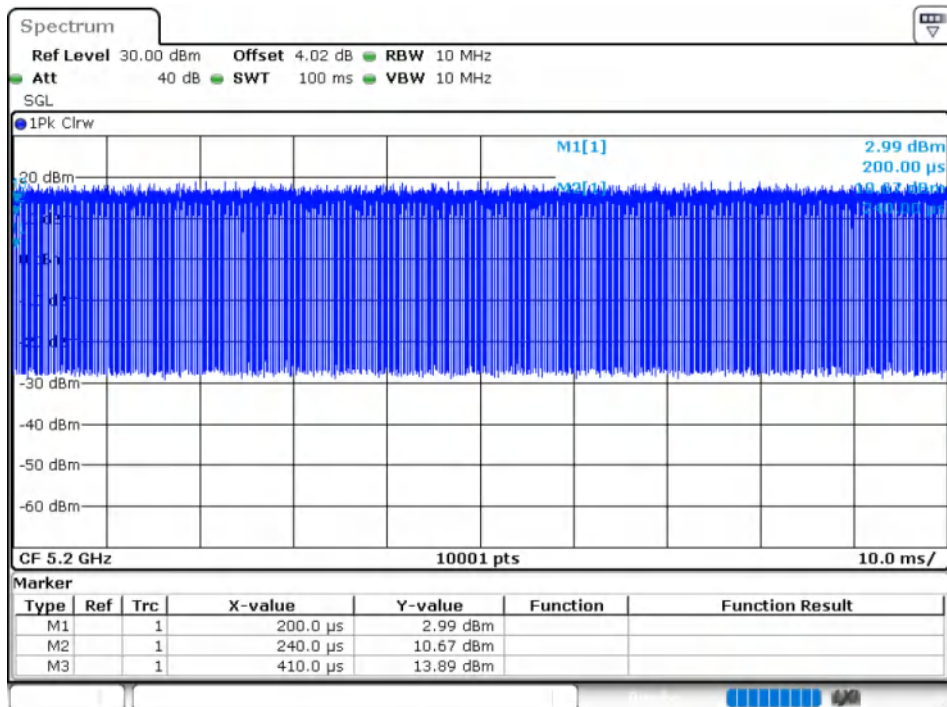
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5180	Sum	83.6	0.78	5.88
NVNT	ac20	5200	Sum	83.6	0.78	5.88
NVNT	ac20	5240	Sum	83.6	0.78	5.88
NVNT	ac40	5190	Sum	76.81	1.15	10
NVNT	ac40	5230	Sum	77.05	1.13	10
NVNT	ac80	5210	Sum	70.88	1.49	14.29
NVNT	n20	5180	Sum	83.3	0.79	6.25
NVNT	n20	5200	Sum	83.29	0.79	6.25
NVNT	n20	5240	Sum	83.28	0.79	6.25
NVNT	n40	5190	Sum	76.25	1.18	11.11
NVNT	n40	5230	Sum	76.37	1.17	10

Test Graphs

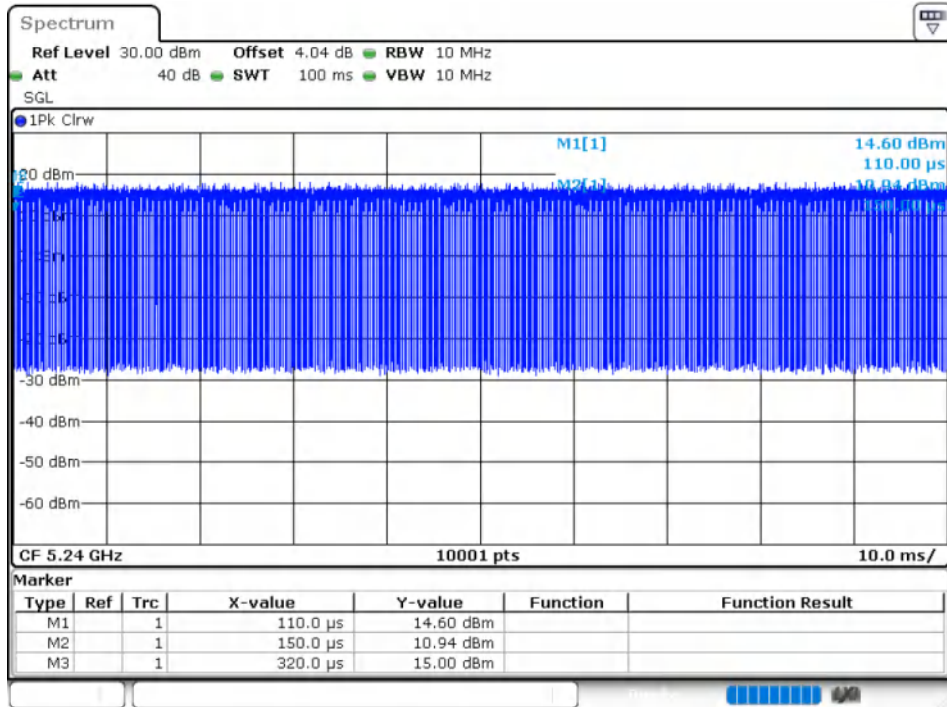
Duty Cycle NVNT ac20 5180MHz Sum



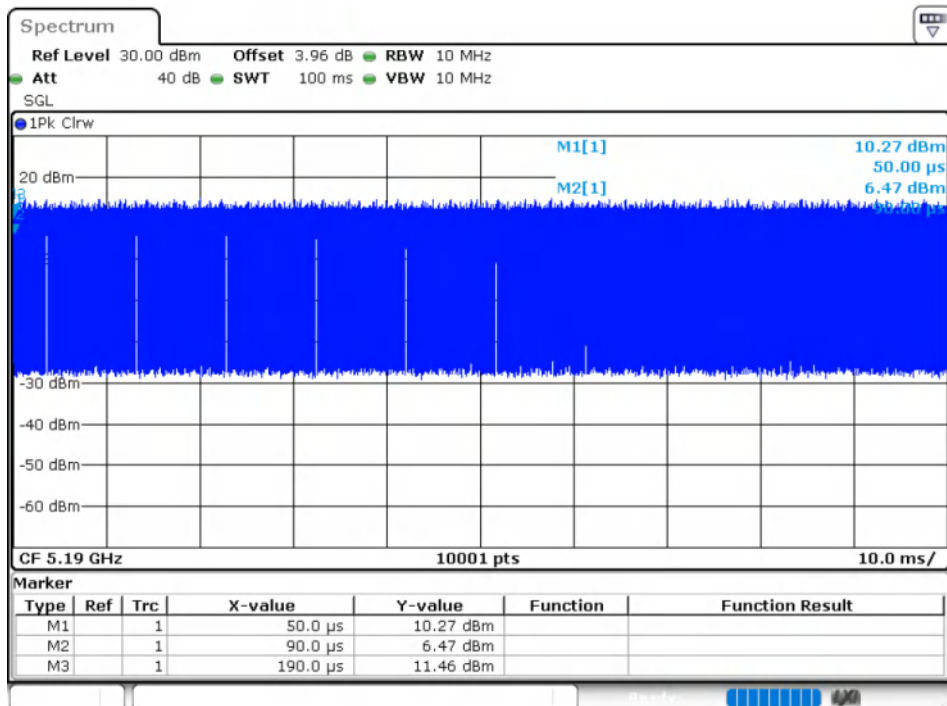
Duty Cycle NVNT ac20 5200MHz Sum

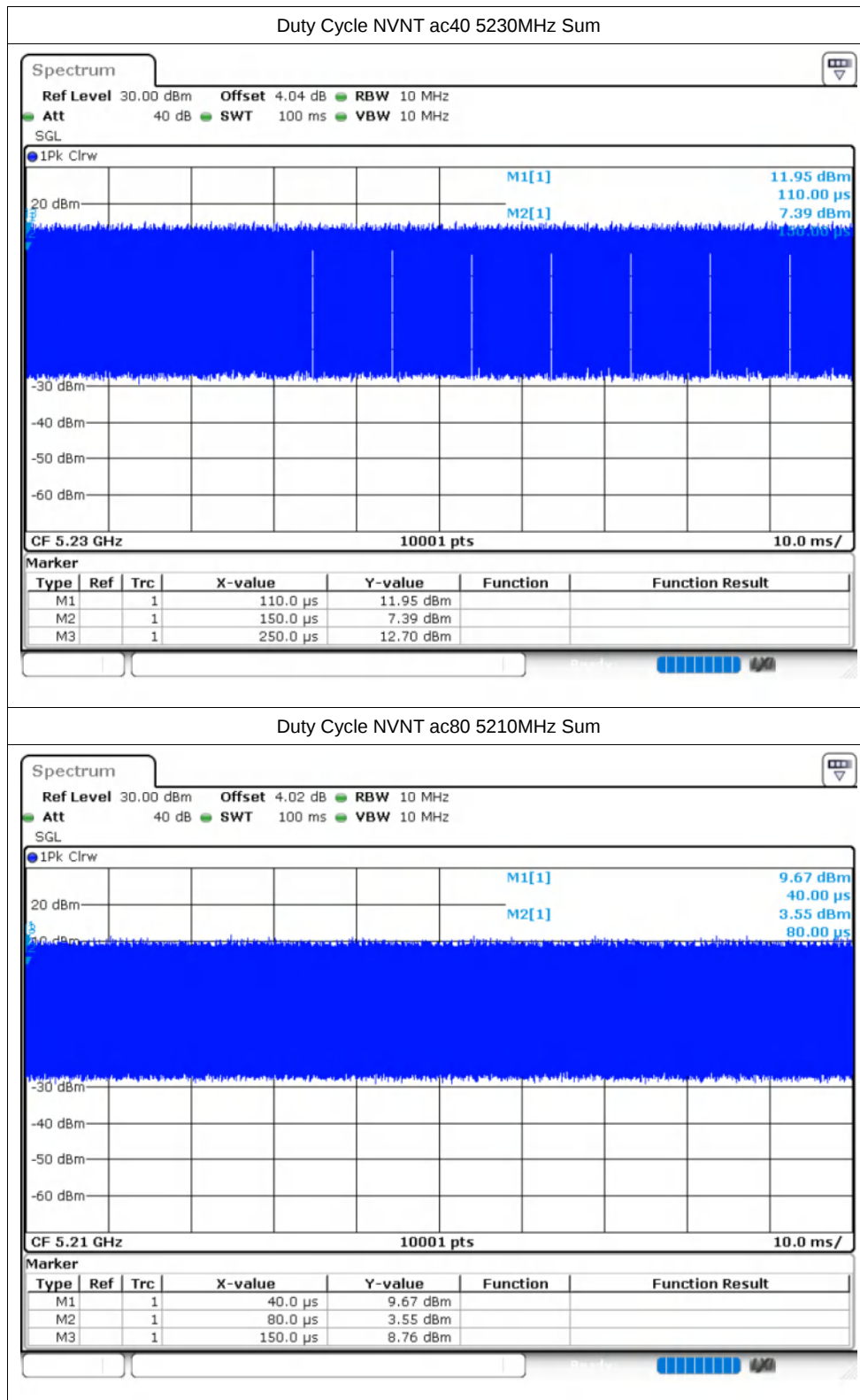


Duty Cycle NVNT ac20 5240MHz Sum

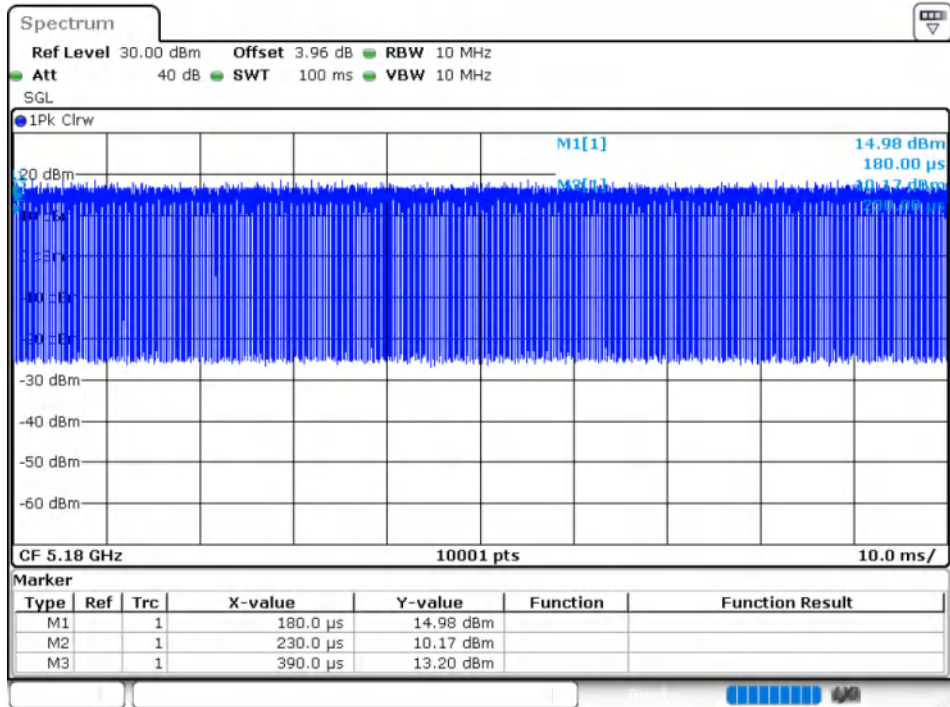


Duty Cycle NVNT ac40 5190MHz Sum

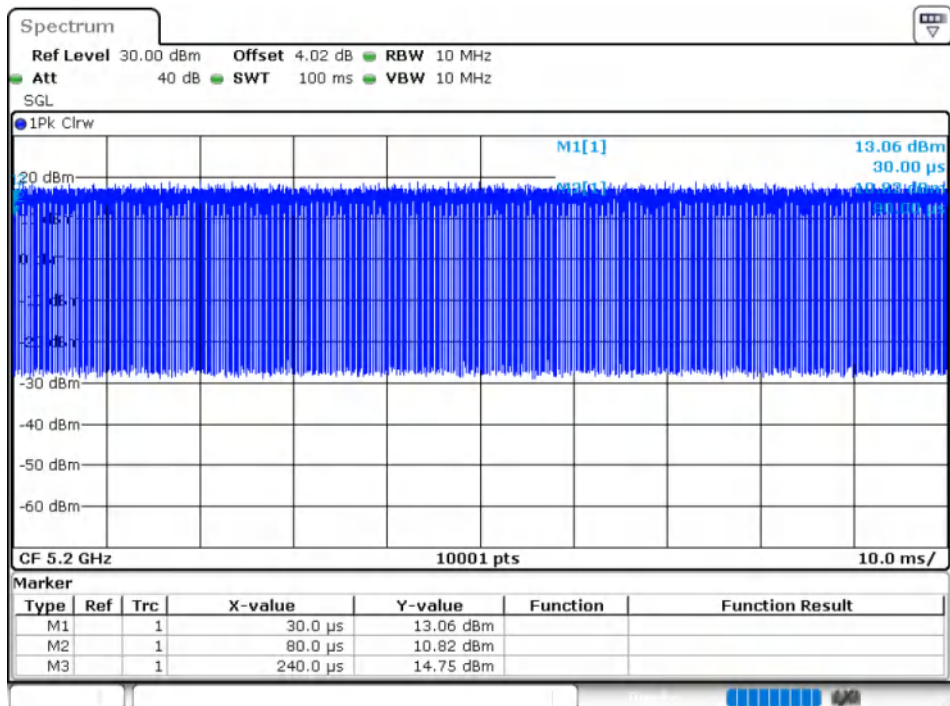


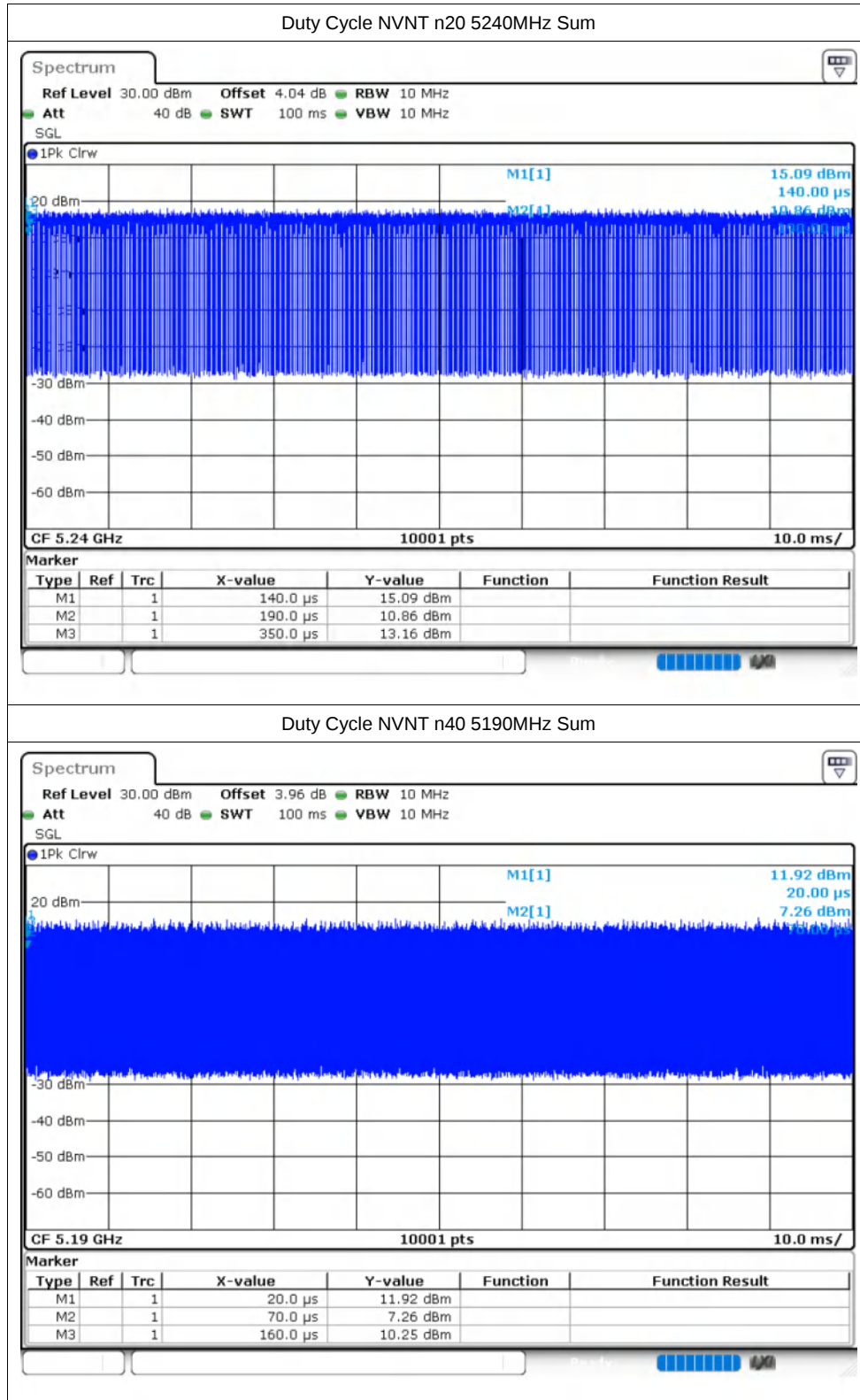


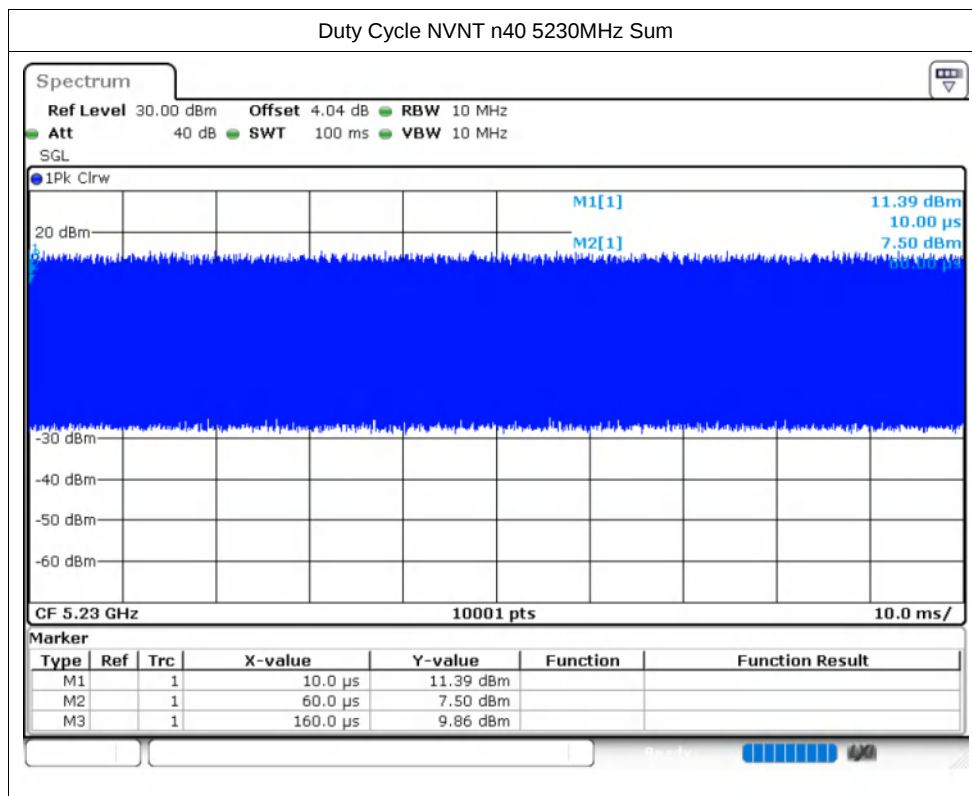
Duty Cycle NVNT n20 5180MHz Sum



Duty Cycle NVNT n20 5200MHz Sum







Maximum Conducted Output Power

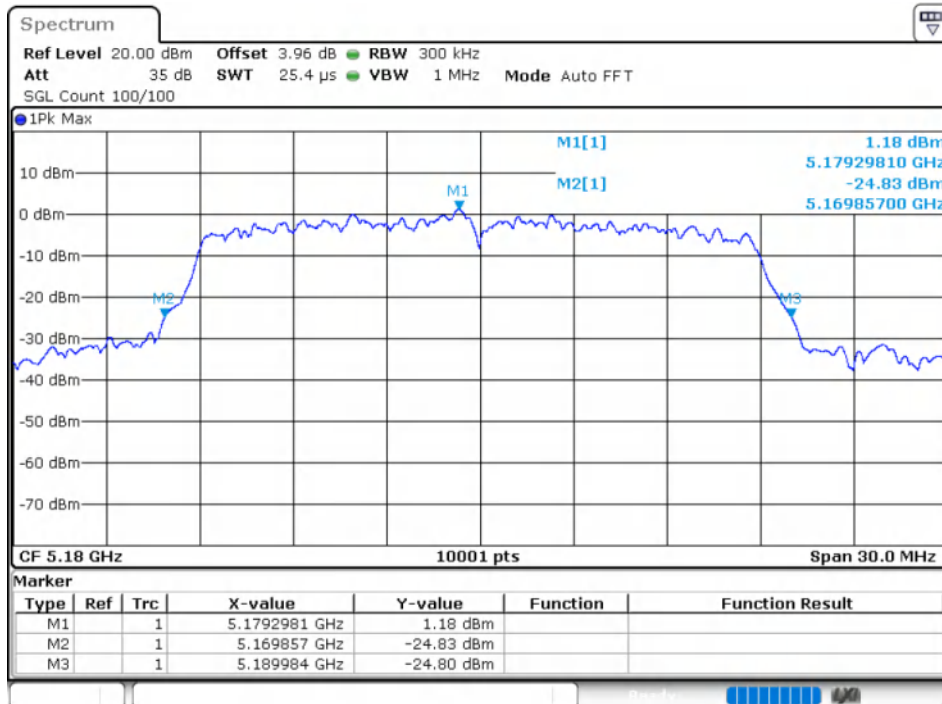
Condition	Mode	Frequency (MHz)	Antenna	AV Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	9.84	24	Pass
NVNT	ac20	5180	Ant2	9.75	24	Pass
NVNT	ac20	5180	Sum	12.81	24	Pass
NVNT	ac20	5200	Ant1	9.59	24	Pass
NVNT	ac20	5200	Ant2	10.01	24	Pass
NVNT	ac20	5200	Sum	12.82	24	Pass
NVNT	ac20	5240	Ant1	9.88	24	Pass
NVNT	ac20	5240	Ant2	10.08	24	Pass
NVNT	ac20	5240	Sum	12.99	24	Pass
NVNT	ac40	5190	Ant1	9.58	24	Pass
NVNT	ac40	5190	Ant2	9.9	24	Pass
NVNT	ac40	5190	Sum	12.75	24	Pass
NVNT	ac40	5230	Ant1	9.65	24	Pass
NVNT	ac40	5230	Ant2	10.05	24	Pass
NVNT	ac40	5230	Sum	12.86	24	Pass
NVNT	ac80	5210	Ant1	9.5	24	Pass
NVNT	ac80	5210	Ant2	10	24	Pass
NVNT	ac80	5210	Sum	12.77	24	Pass
NVNT	n20	5180	Ant1	9.79	24	Pass
NVNT	n20	5180	Ant2	9.83	24	Pass
NVNT	n20	5180	Sum	12.82	24	Pass
NVNT	n20	5200	Ant1	9.74	24	Pass
NVNT	n20	5200	Ant2	10.01	24	Pass
NVNT	n20	5200	Sum	12.89	24	Pass
NVNT	n20	5240	Ant1	9.89	24	Pass
NVNT	n20	5240	Ant2	10.08	24	Pass
NVNT	n20	5240	Sum	13	24	Pass
NVNT	n40	5190	Ant1	9.64	24	Pass
NVNT	n40	5190	Ant2	9.89	24	Pass
NVNT	n40	5190	Sum	12.78	24	Pass
NVNT	n40	5230	Ant1	9.82	24	Pass
NVNT	n40	5230	Ant2	10.03	24	Pass
NVNT	n40	5230	Sum	12.94	24	Pass

-26dB Bandwidth

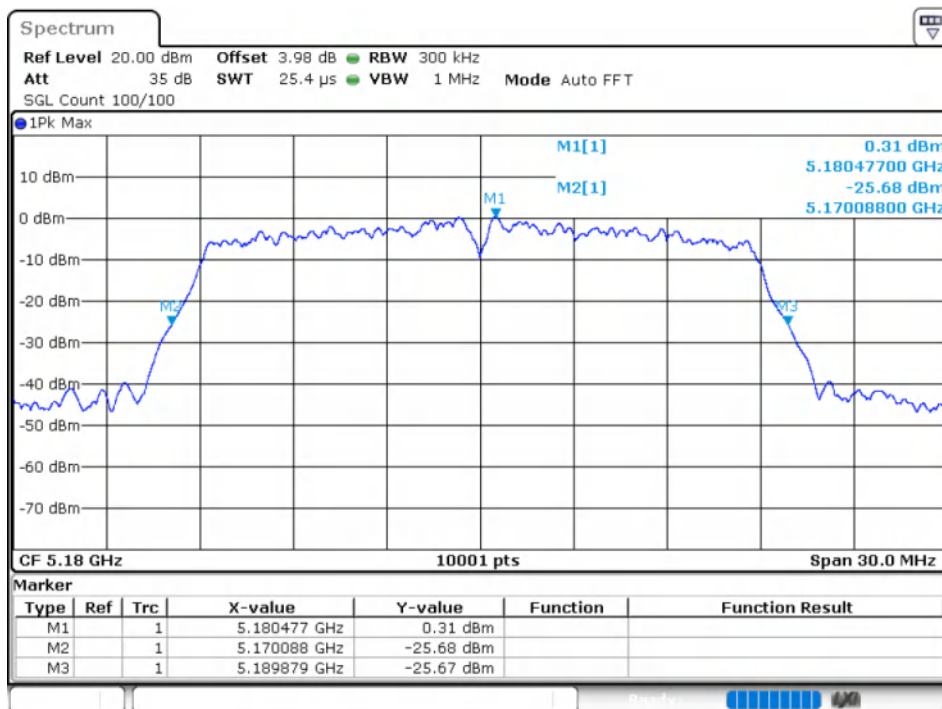
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	ac20	5180	Ant1	20.127	0.5	Pass
NVNT	ac20	5180	Ant2	19.791	0.5	Pass
NVNT	ac20	5200	Ant1	19.929	0.5	Pass
NVNT	ac20	5200	Ant2	20.187	0.5	Pass
NVNT	ac20	5240	Ant1	19.824	0.5	Pass
NVNT	ac20	5240	Ant2	19.683	0.5	Pass
NVNT	ac40	5190	Ant1	40.752	0.5	Pass
NVNT	ac40	5190	Ant2	40.59	0.5	Pass
NVNT	ac40	5230	Ant1	40.104	0.5	Pass
NVNT	ac40	5230	Ant2	40.506	0.5	Pass
NVNT	ac80	5210	Ant1	81.804	0	Pass
NVNT	ac80	5210	Ant2	80.592	0	Pass
NVNT	n20	5180	Ant1	20.433	0.5	Pass
NVNT	n20	5180	Ant2	19.89	0.5	Pass
NVNT	n20	5200	Ant1	19.914	0.5	Pass
NVNT	n20	5200	Ant2	19.425	0.5	Pass
NVNT	n20	5240	Ant1	19.983	0.5	Pass
NVNT	n20	5240	Ant2	19.968	0.5	Pass
NVNT	n40	5190	Ant1	40.416	0	Pass
NVNT	n40	5190	Ant2	40.374	0	Pass
NVNT	n40	5230	Ant1	40.188	0.5	Pass
NVNT	n40	5230	Ant2	40.464	0.5	Pass

Test Graphs

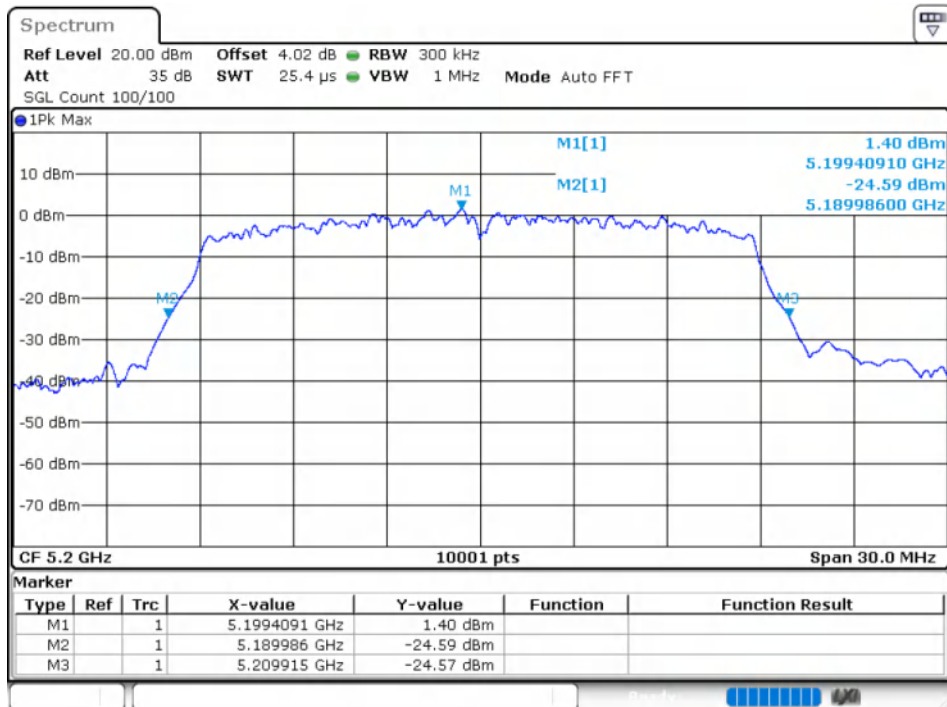
-26dB Bandwidth NVNT ac20 5180MHz Ant1



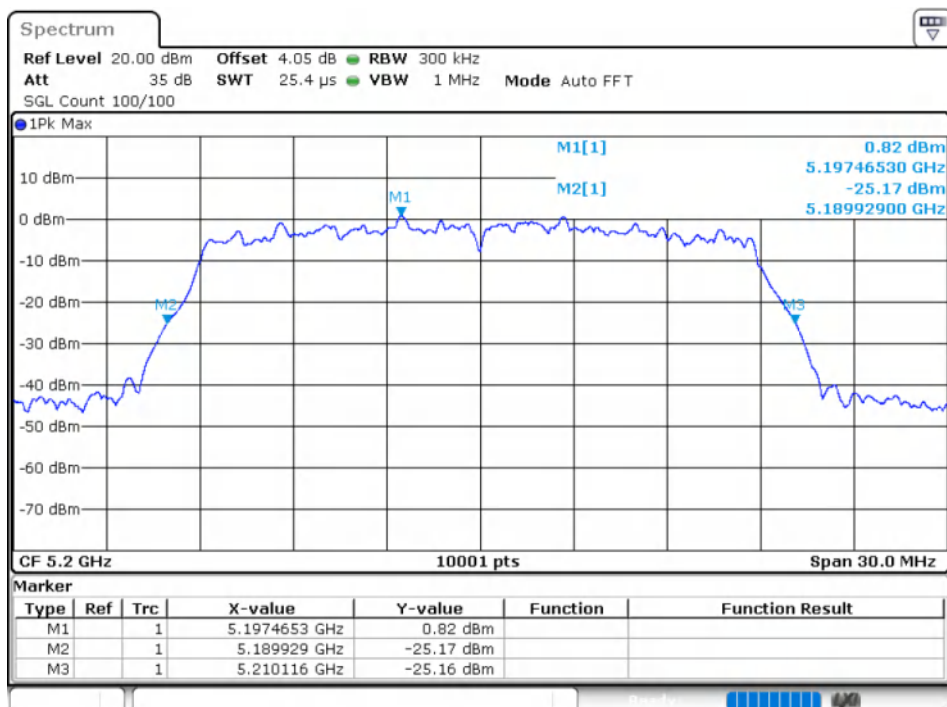
-26dB Bandwidth NVNT ac20 5180MHz Ant2



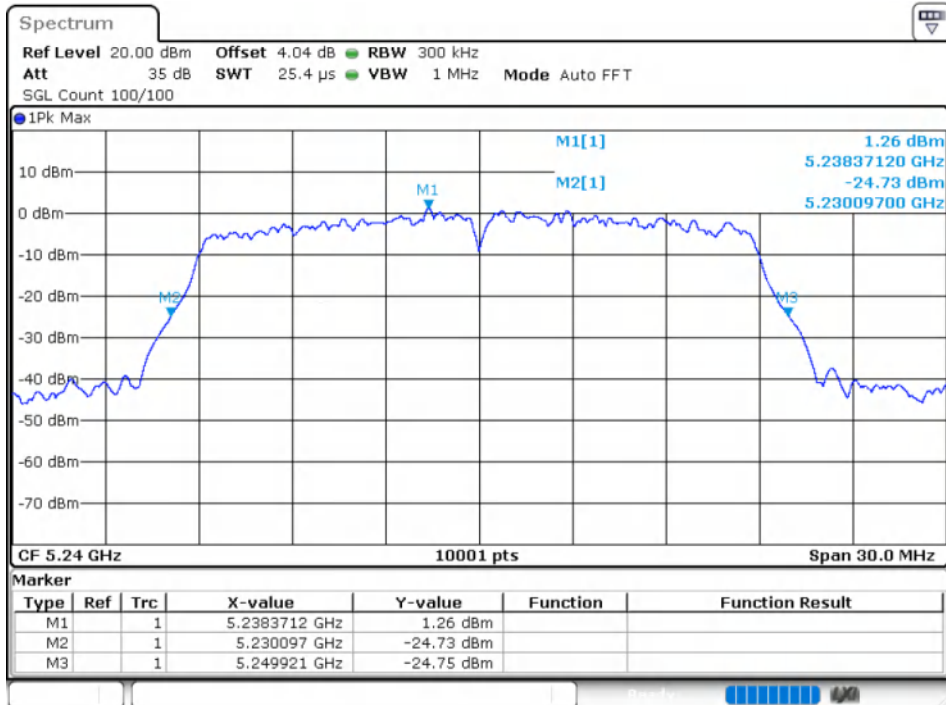
-26dB Bandwidth NVNT ac20 5200MHz Ant1



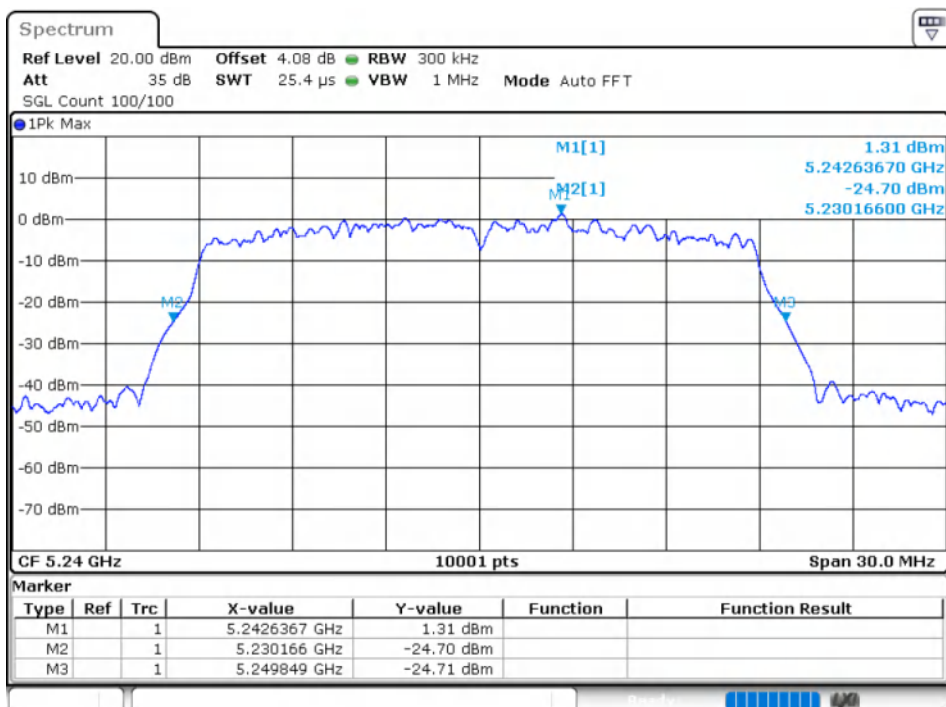
-26dB Bandwidth NVNT ac20 5200MHz Ant2

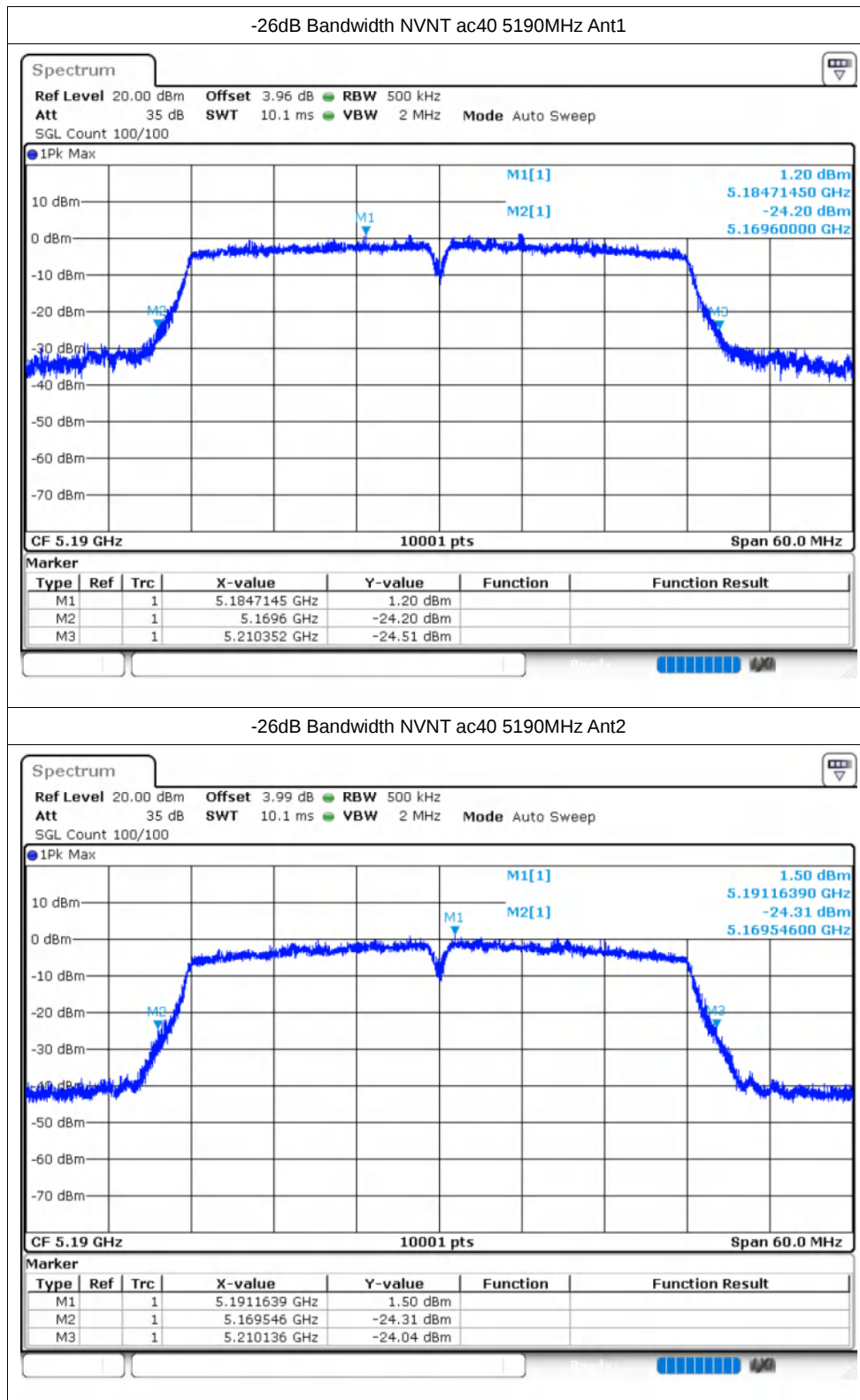


-26dB Bandwidth NVNT ac20 5240MHz Ant1

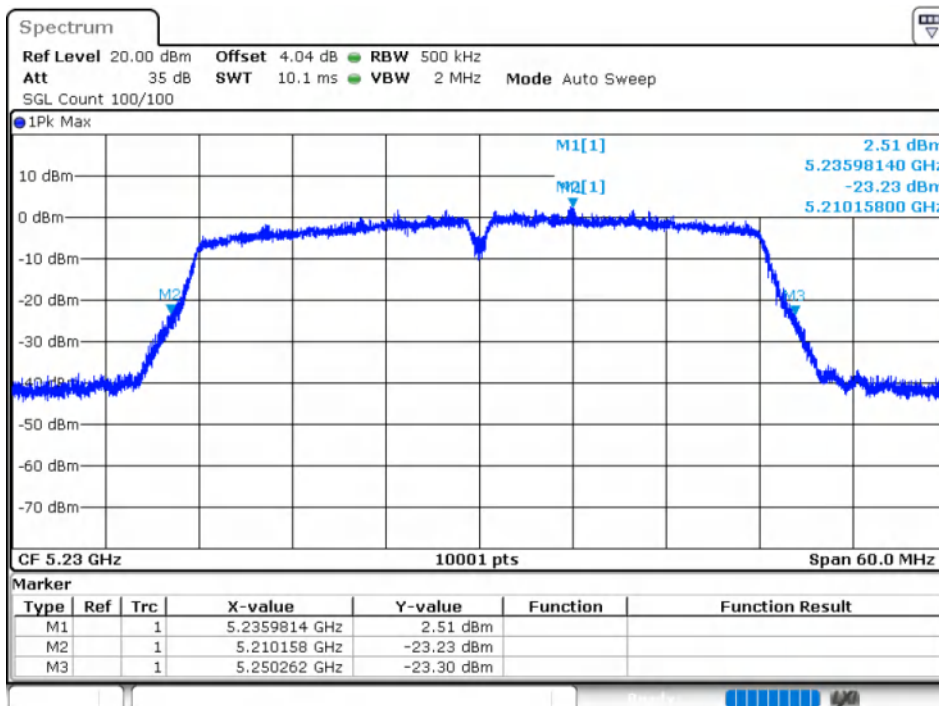


-26dB Bandwidth NVNT ac20 5240MHz Ant2

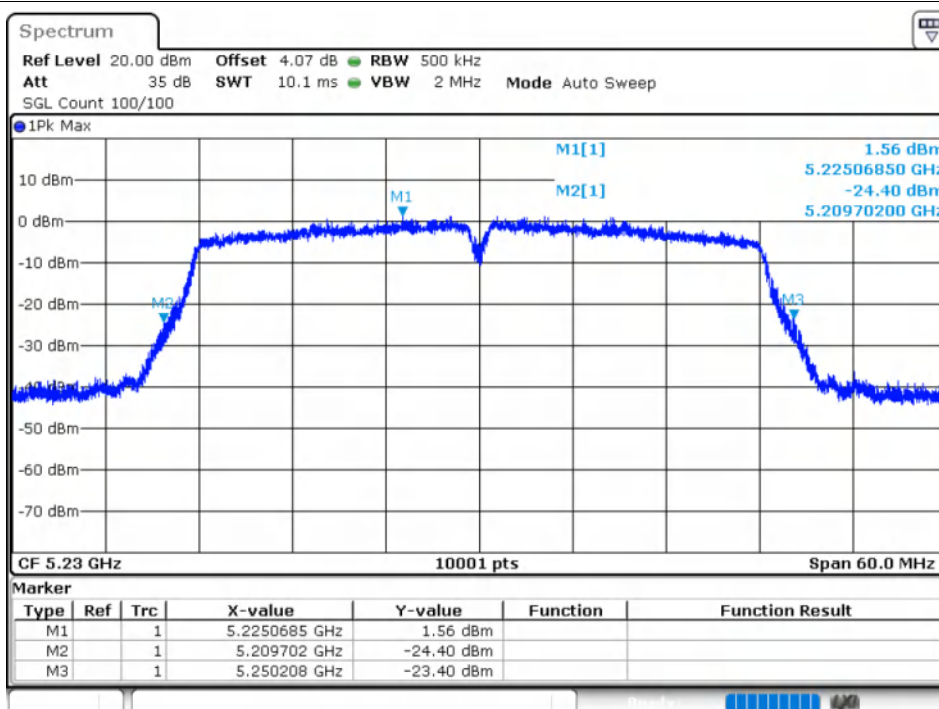




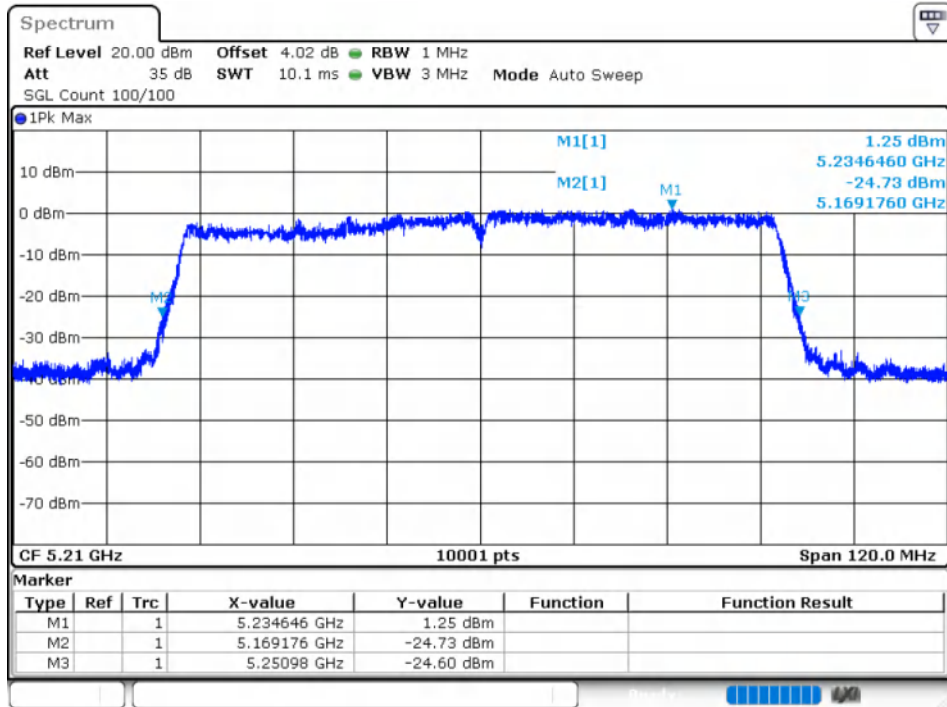
-26dB Bandwidth NVNT ac40 5230MHz Ant1



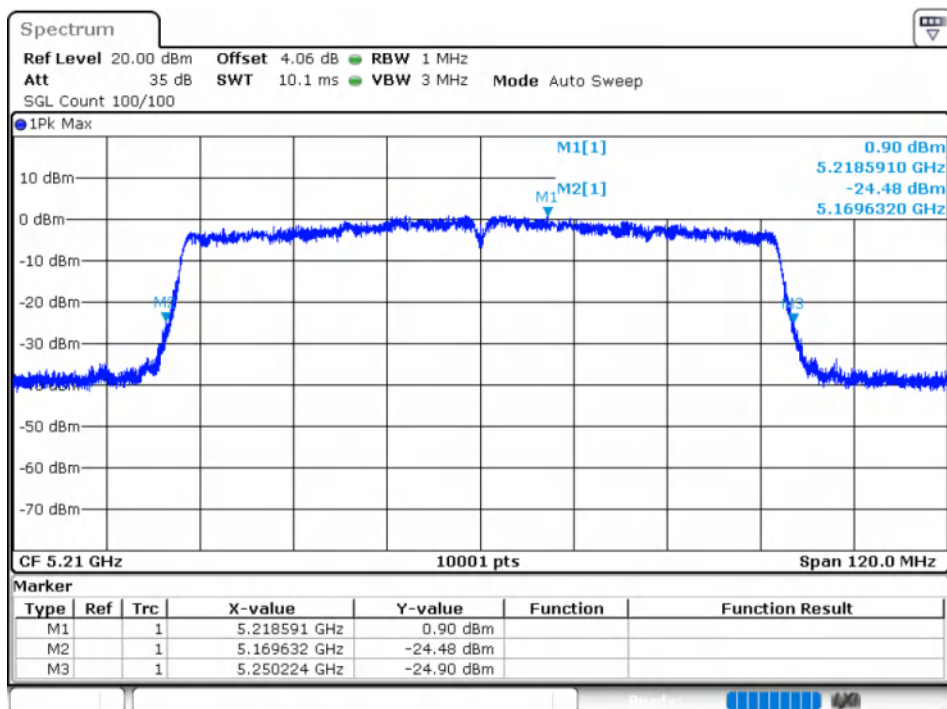
-26dB Bandwidth NVNT ac40 5230MHz Ant2



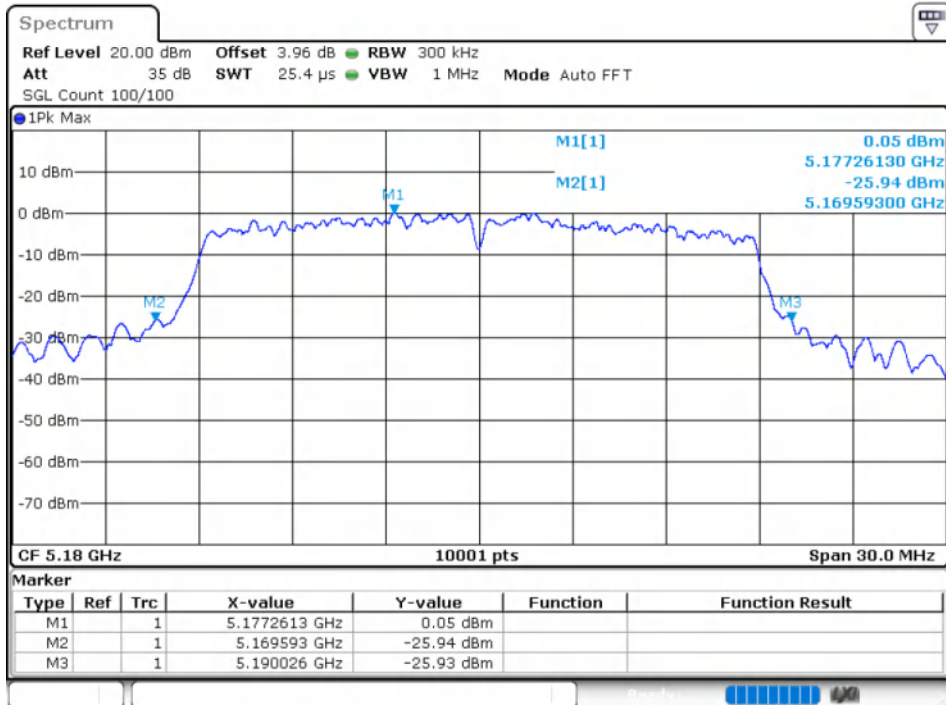
-26dB Bandwidth NVNT ac80 5210MHz Ant1



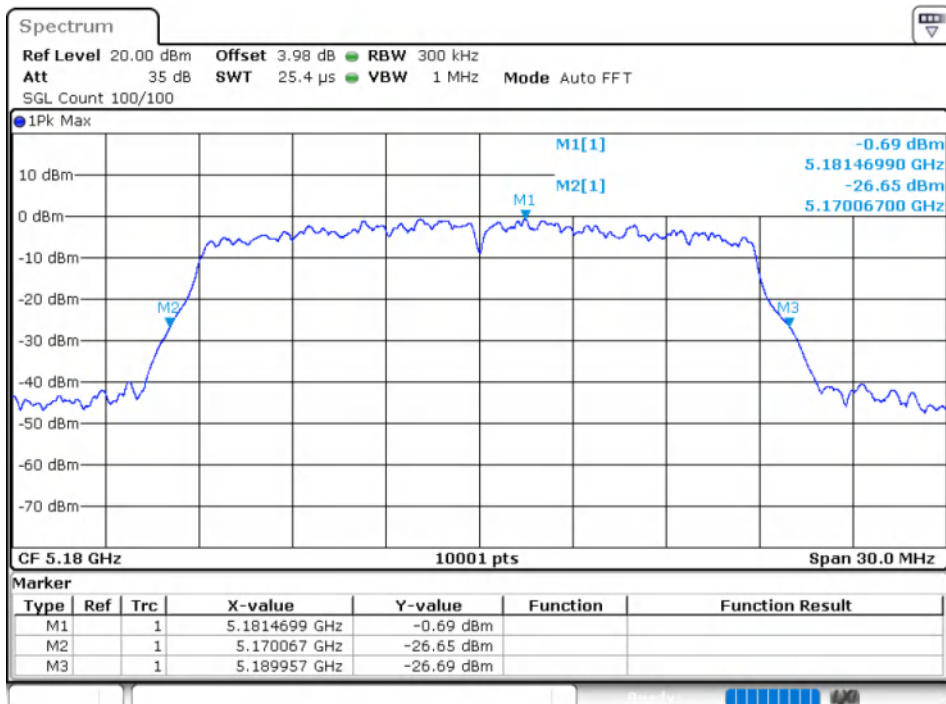
-26dB Bandwidth NVNT ac80 5210MHz Ant2



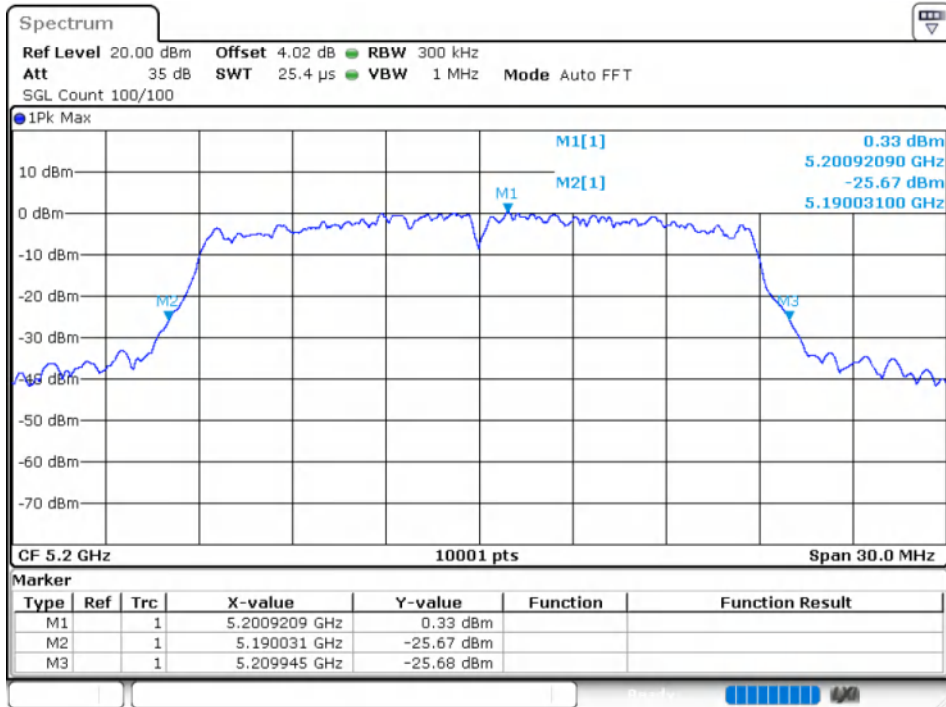
-26dB Bandwidth NVNT n20 5180MHz Ant1



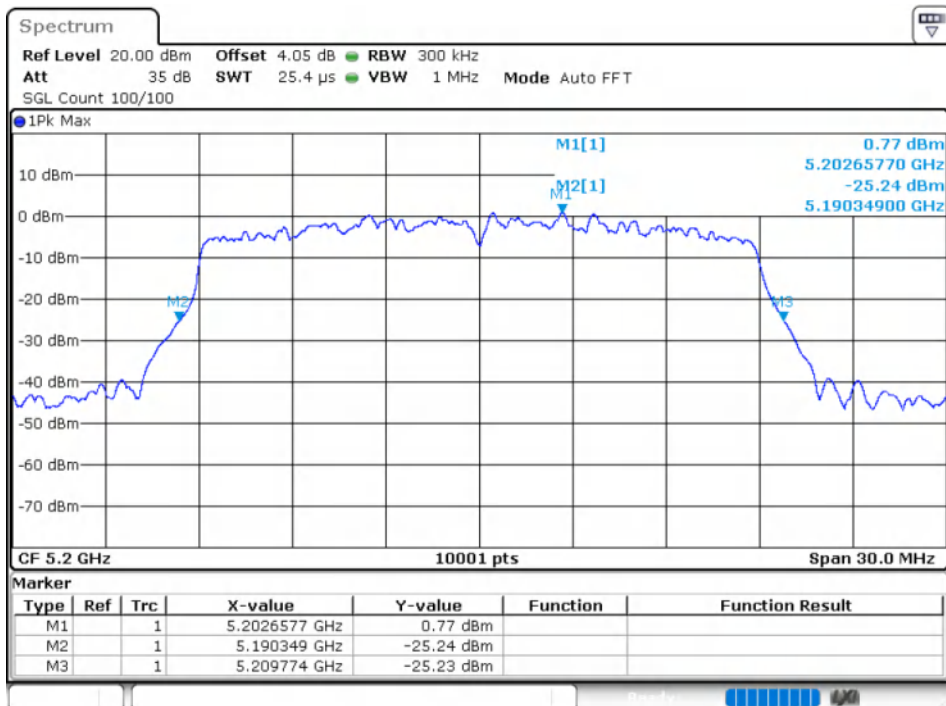
-26dB Bandwidth NVNT n20 5180MHz Ant2



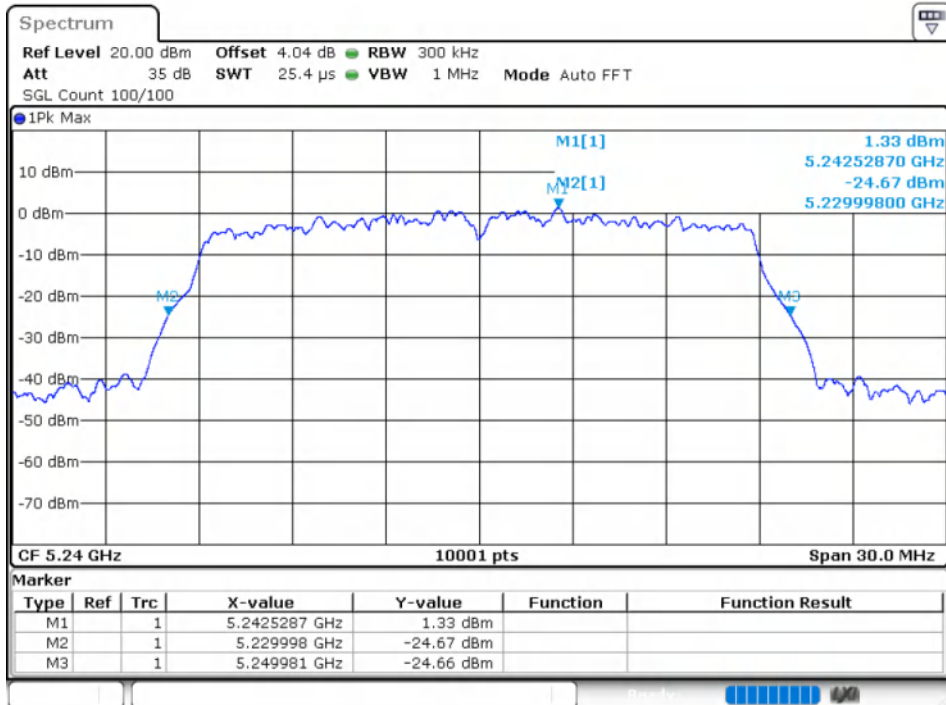
-26dB Bandwidth NVNT n20 5200MHz Ant1



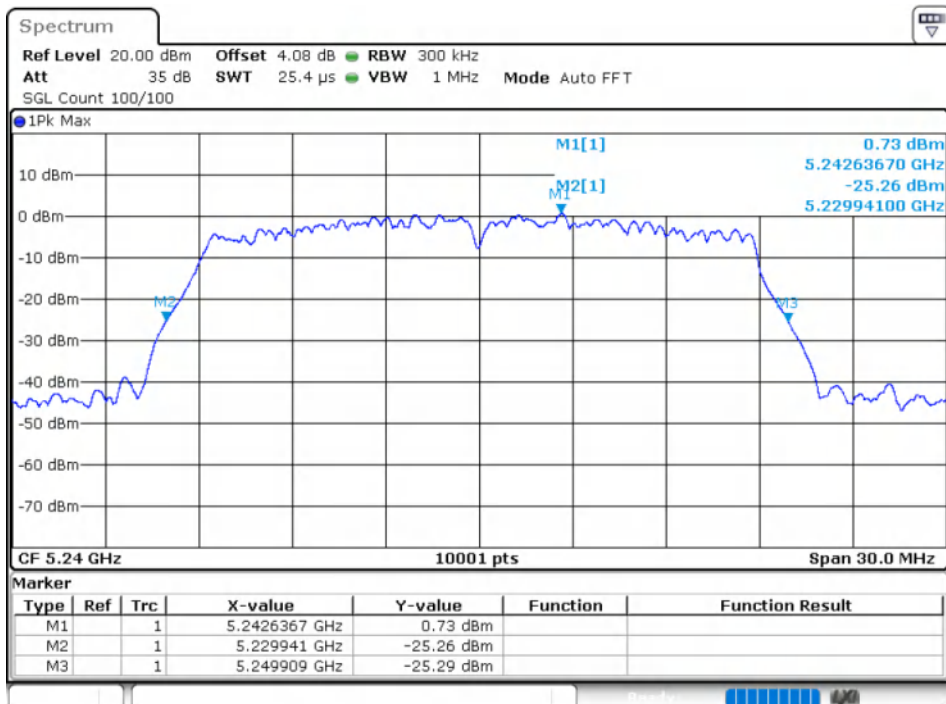
-26dB Bandwidth NVNT n20 5200MHz Ant2



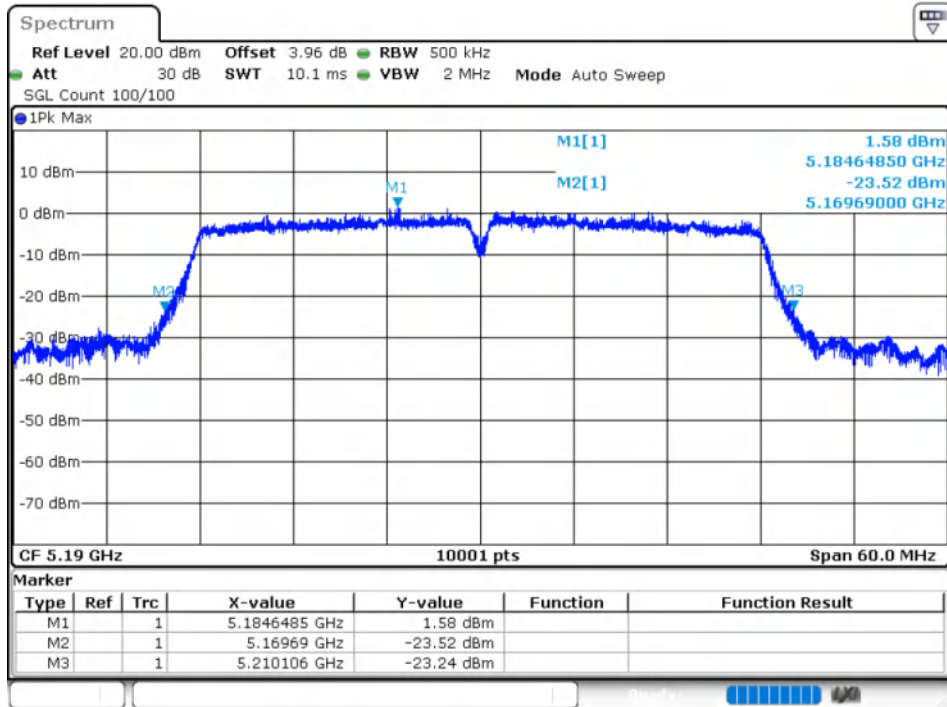
-26dB Bandwidth NVNT n20 5240MHz Ant1



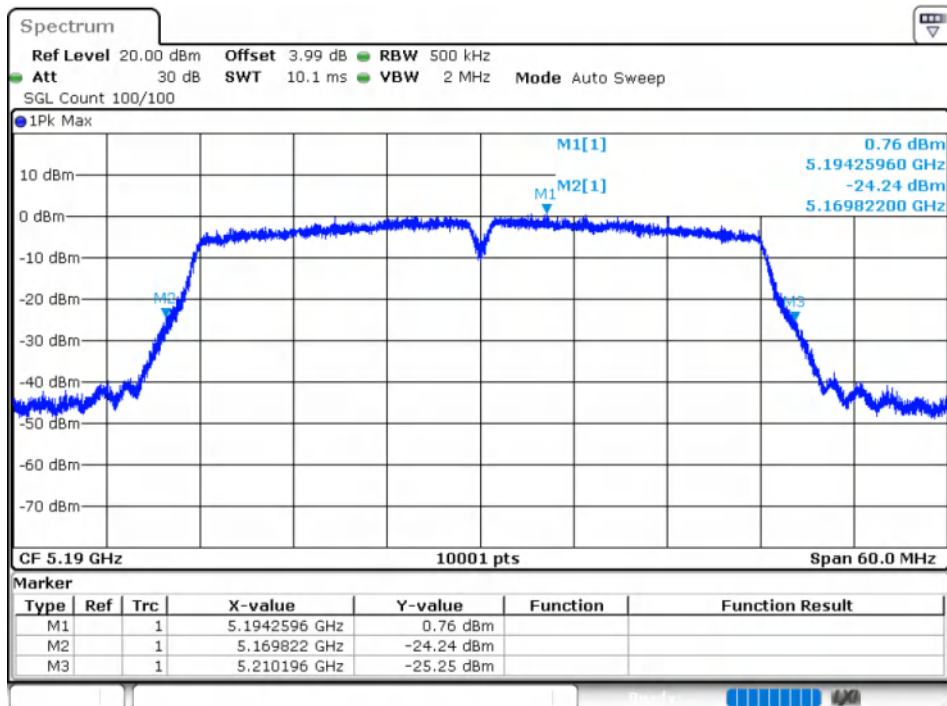
-26dB Bandwidth NVNT n20 5240MHz Ant2



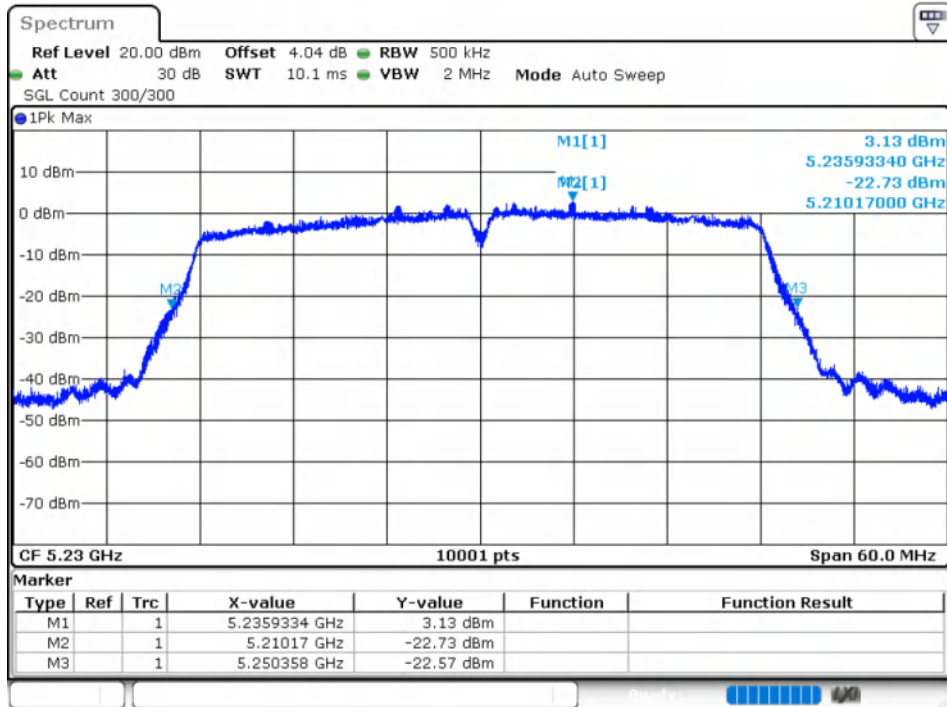
-26dB Bandwidth NVNT n40 5190MHz Ant1



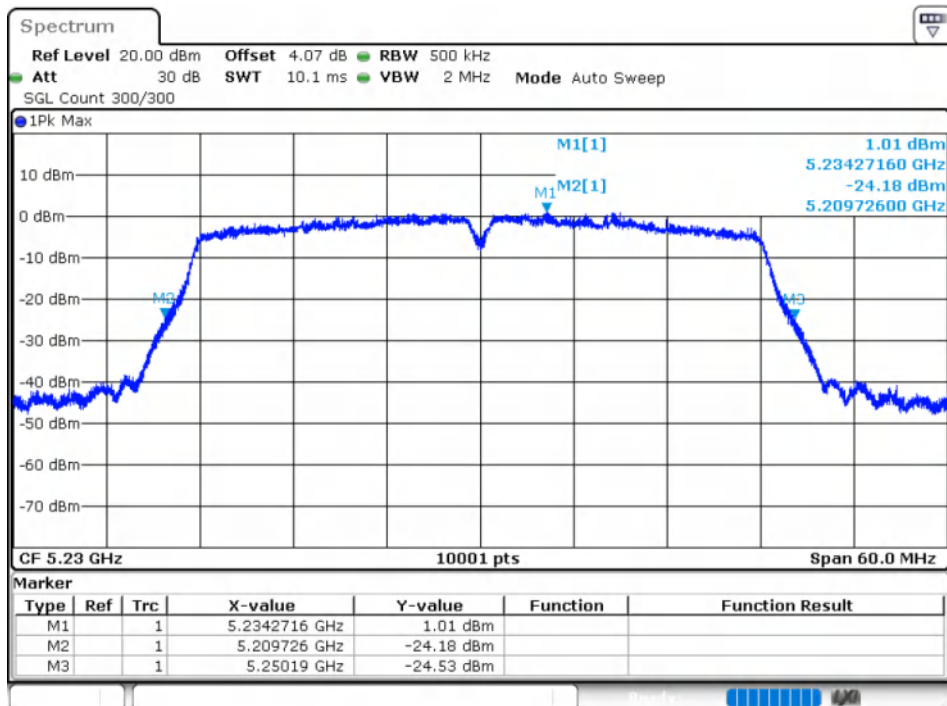
-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant2

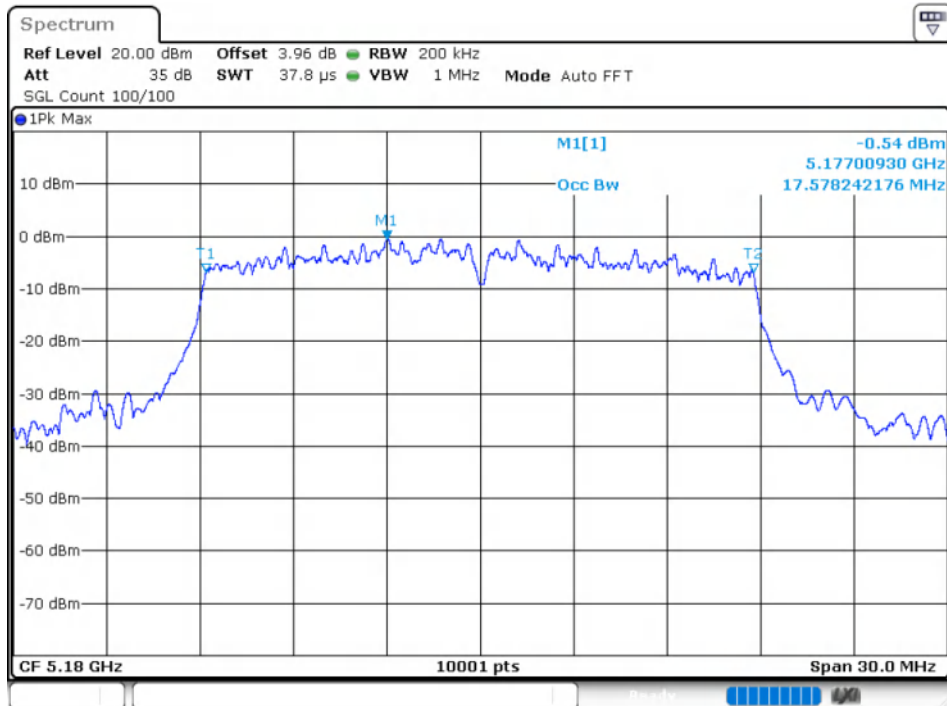


Occupied Channel Bandwidth

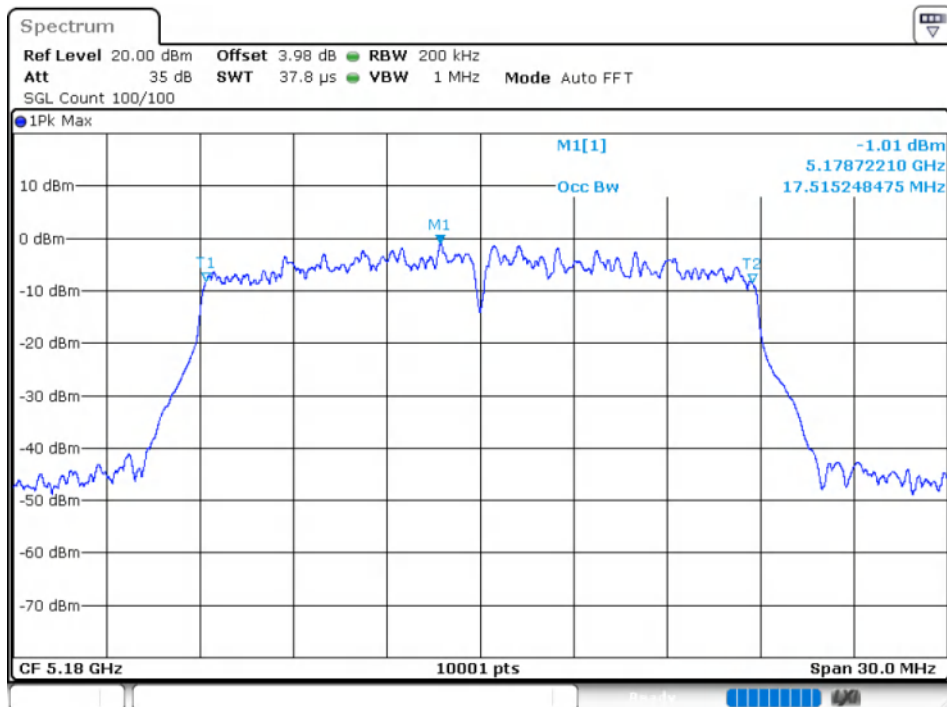
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ac20	5180	Ant1	17.578
NVNT	ac20	5180	Ant2	17.515
NVNT	ac20	5200	Ant1	17.593
NVNT	ac20	5200	Ant2	17.485
NVNT	ac20	5240	Ant1	17.482
NVNT	ac20	5240	Ant2	17.533
NVNT	ac40	5190	Ant1	36.23
NVNT	ac40	5190	Ant2	35.966
NVNT	ac40	5230	Ant1	35.942
NVNT	ac40	5230	Ant2	35.948
NVNT	ac80	5210	Ant1	75.88
NVNT	ac80	5210	Ant2	75.376
NVNT	n20	5180	Ant1	17.542
NVNT	n20	5180	Ant2	17.551
NVNT	n20	5200	Ant1	17.515
NVNT	n20	5200	Ant2	17.524
NVNT	n20	5240	Ant1	17.491
NVNT	n20	5240	Ant2	17.518
NVNT	n40	5190	Ant1	36.254
NVNT	n40	5190	Ant2	36.038
NVNT	n40	5230	Ant1	36.014
NVNT	n40	5230	Ant2	36.032

Test Graphs

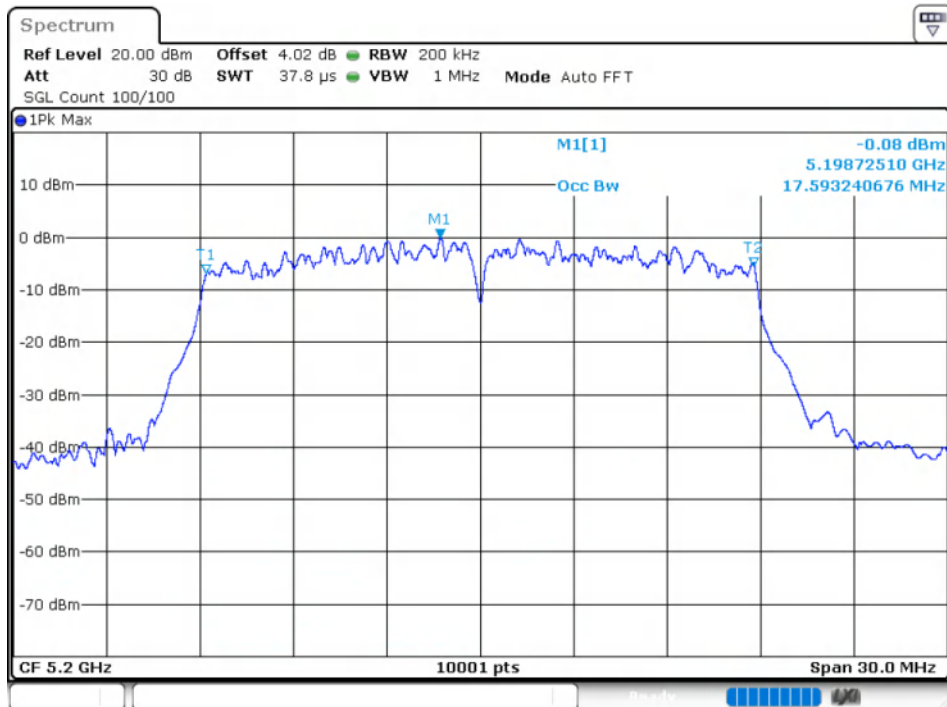
OBW NVNT ac20 5180MHz Ant1



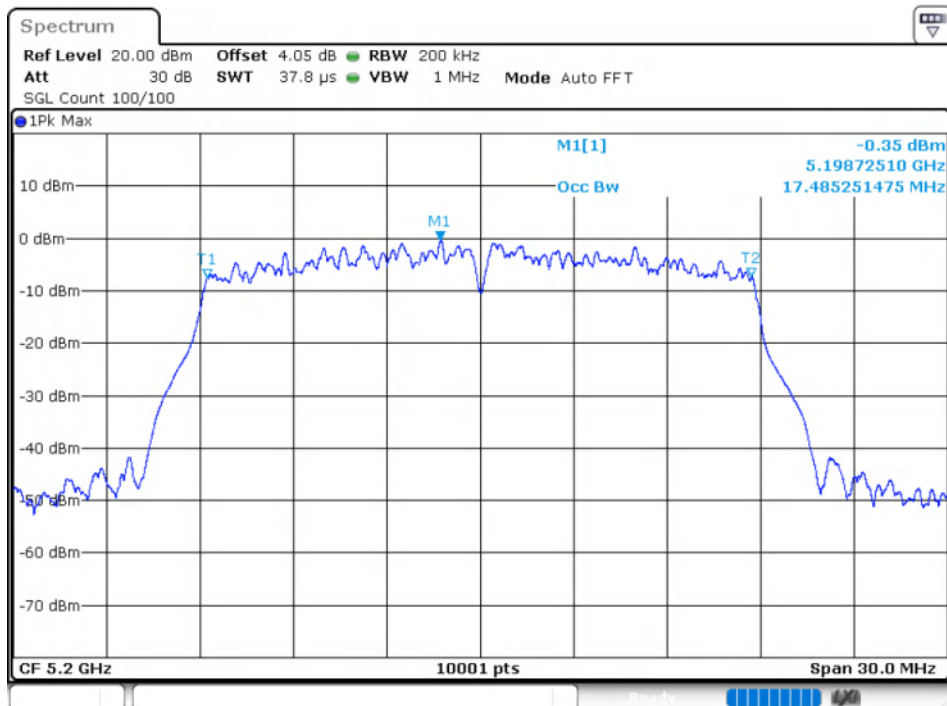
OBW NVNT ac20 5180MHz Ant2



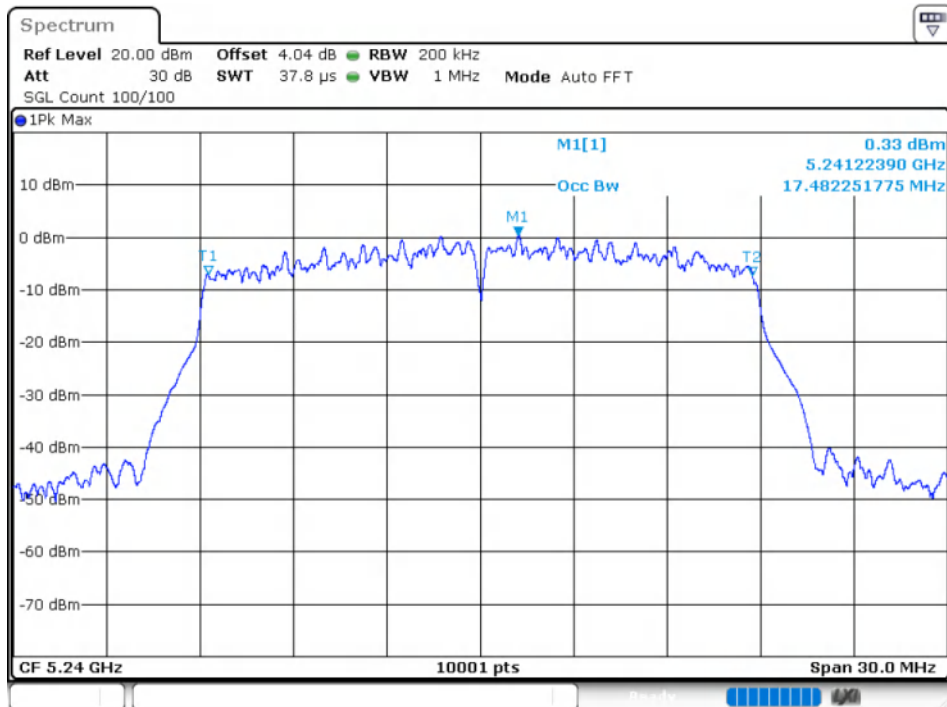
OBW NVNT ac20 5200MHz Ant1



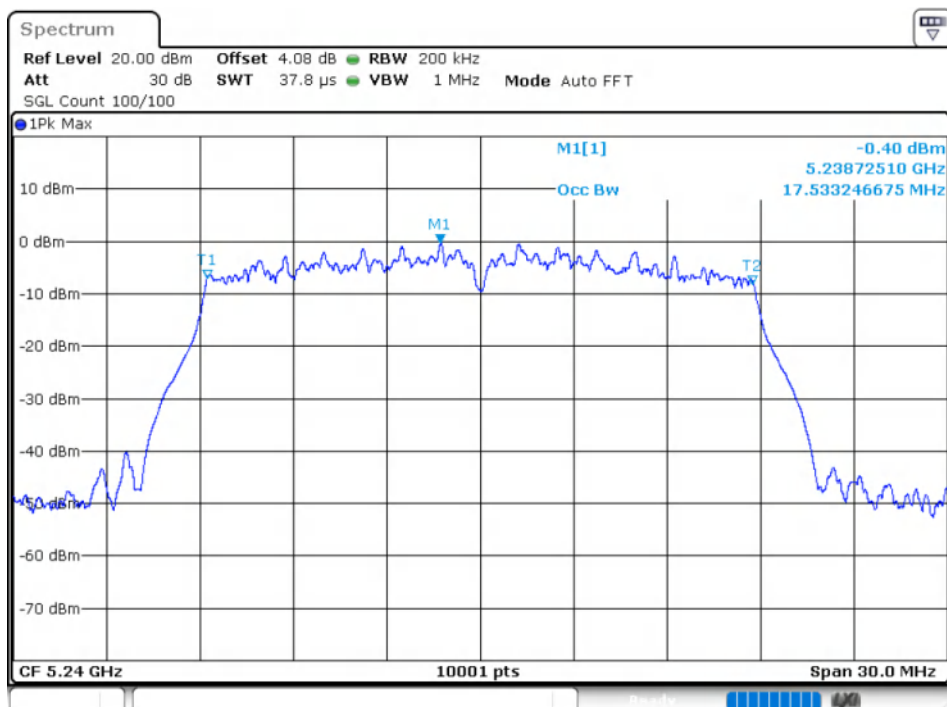
OBW NVNT ac20 5200MHz Ant2

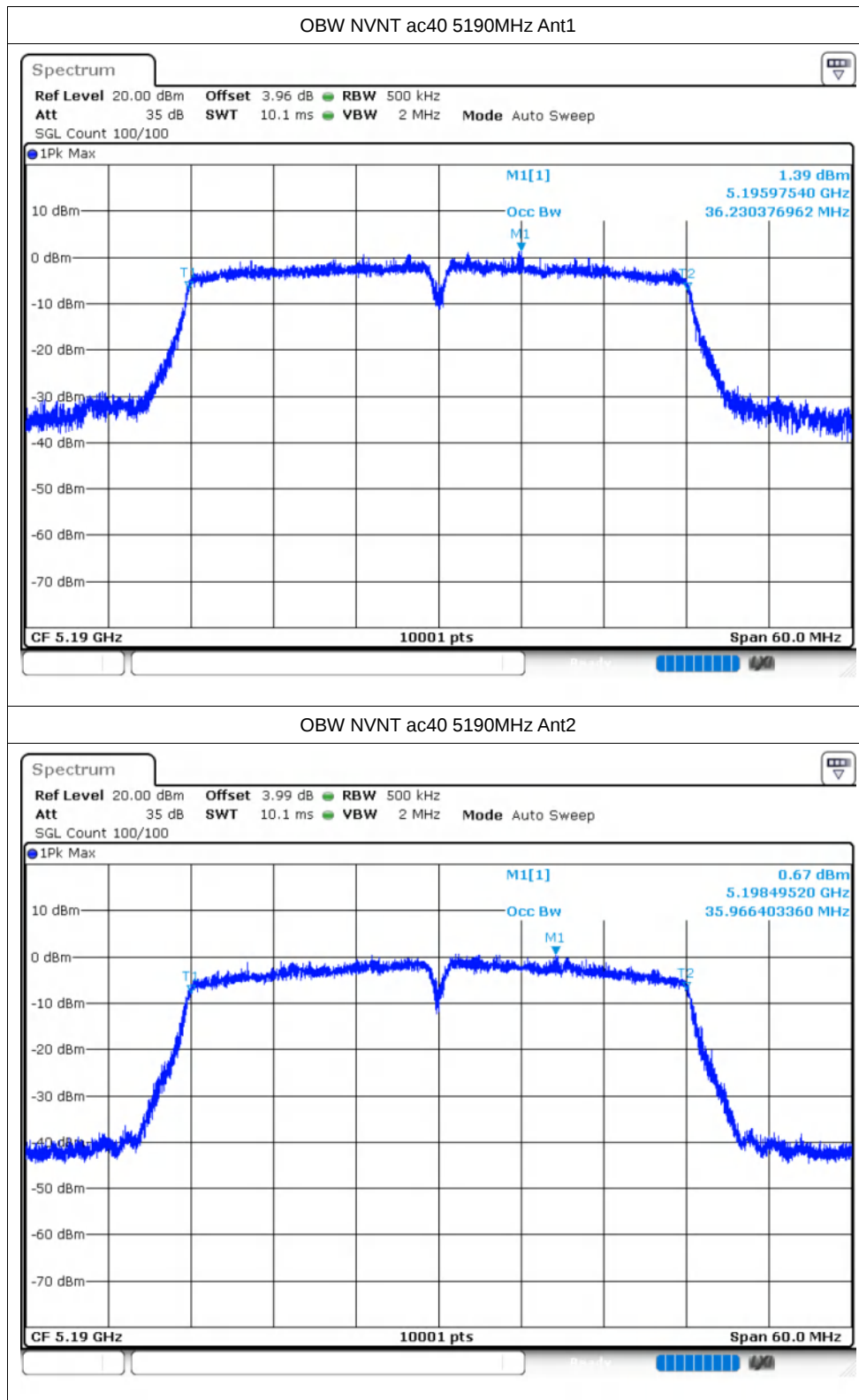


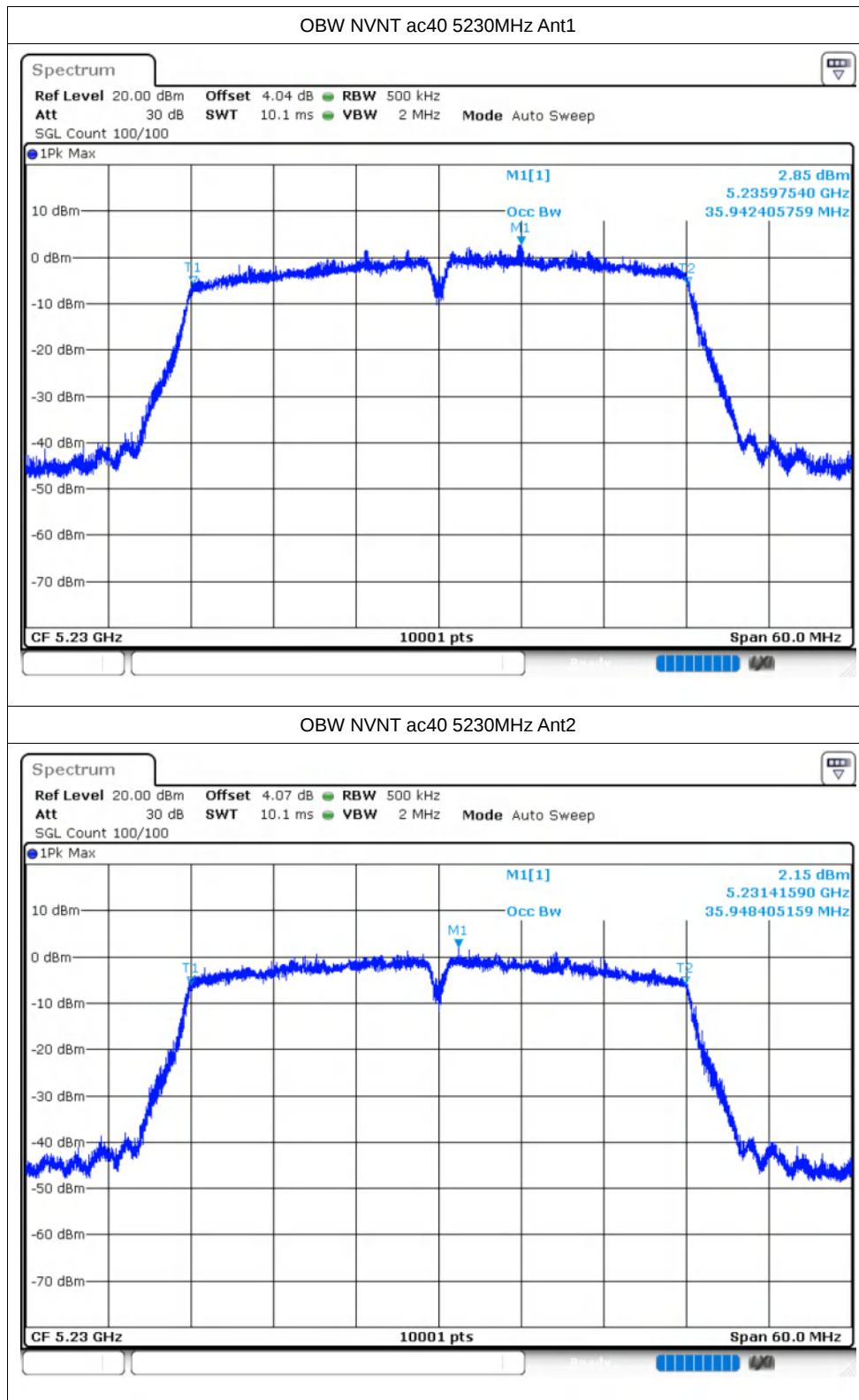
OBW NVNT ac20 5240MHz Ant1



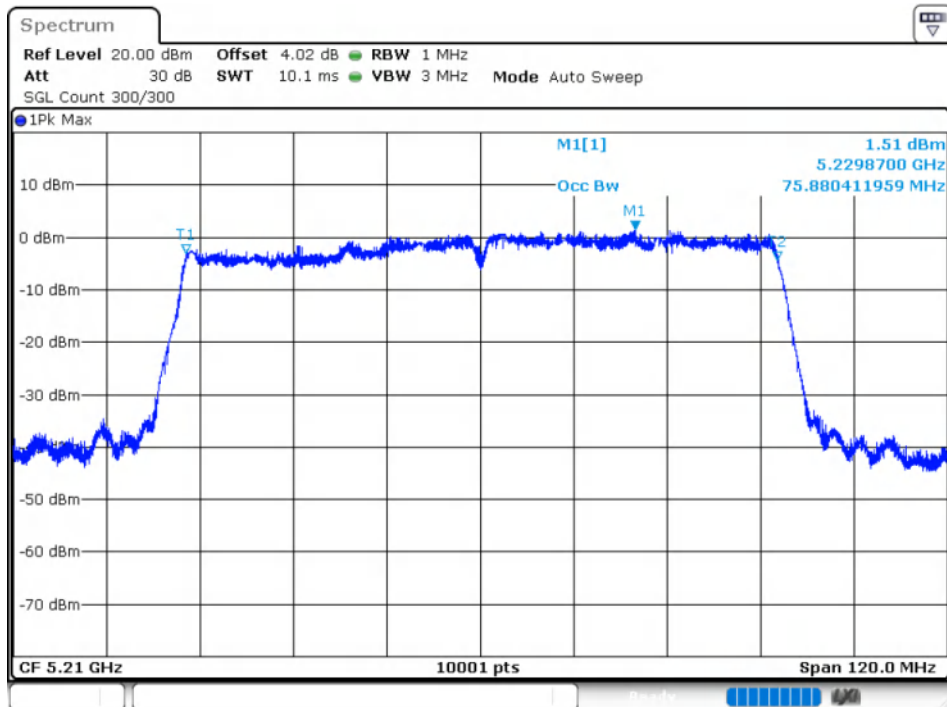
OBW NVNT ac20 5240MHz Ant2



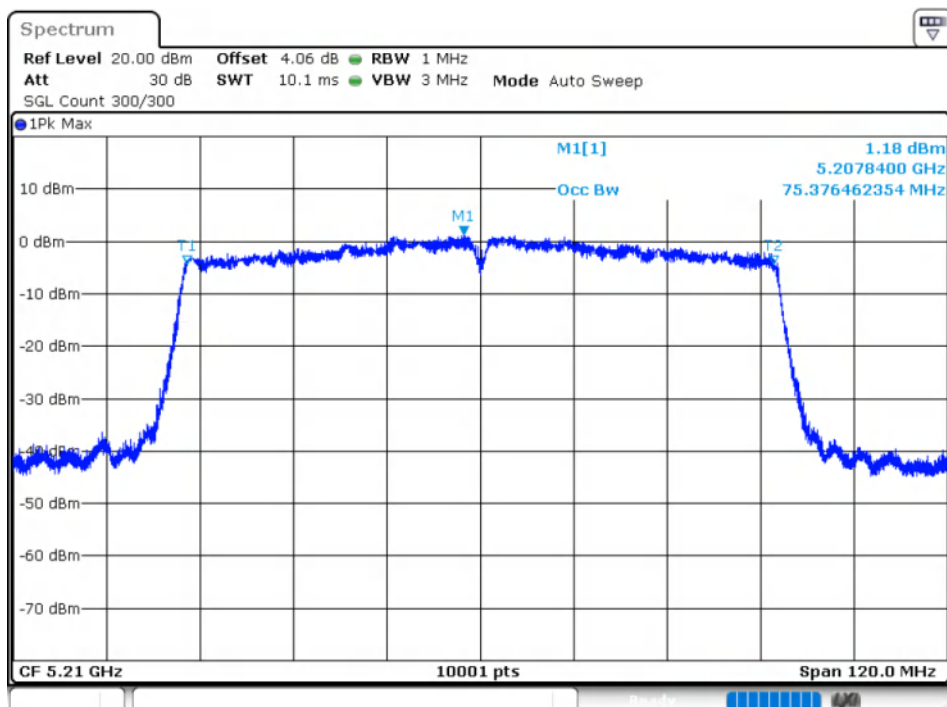


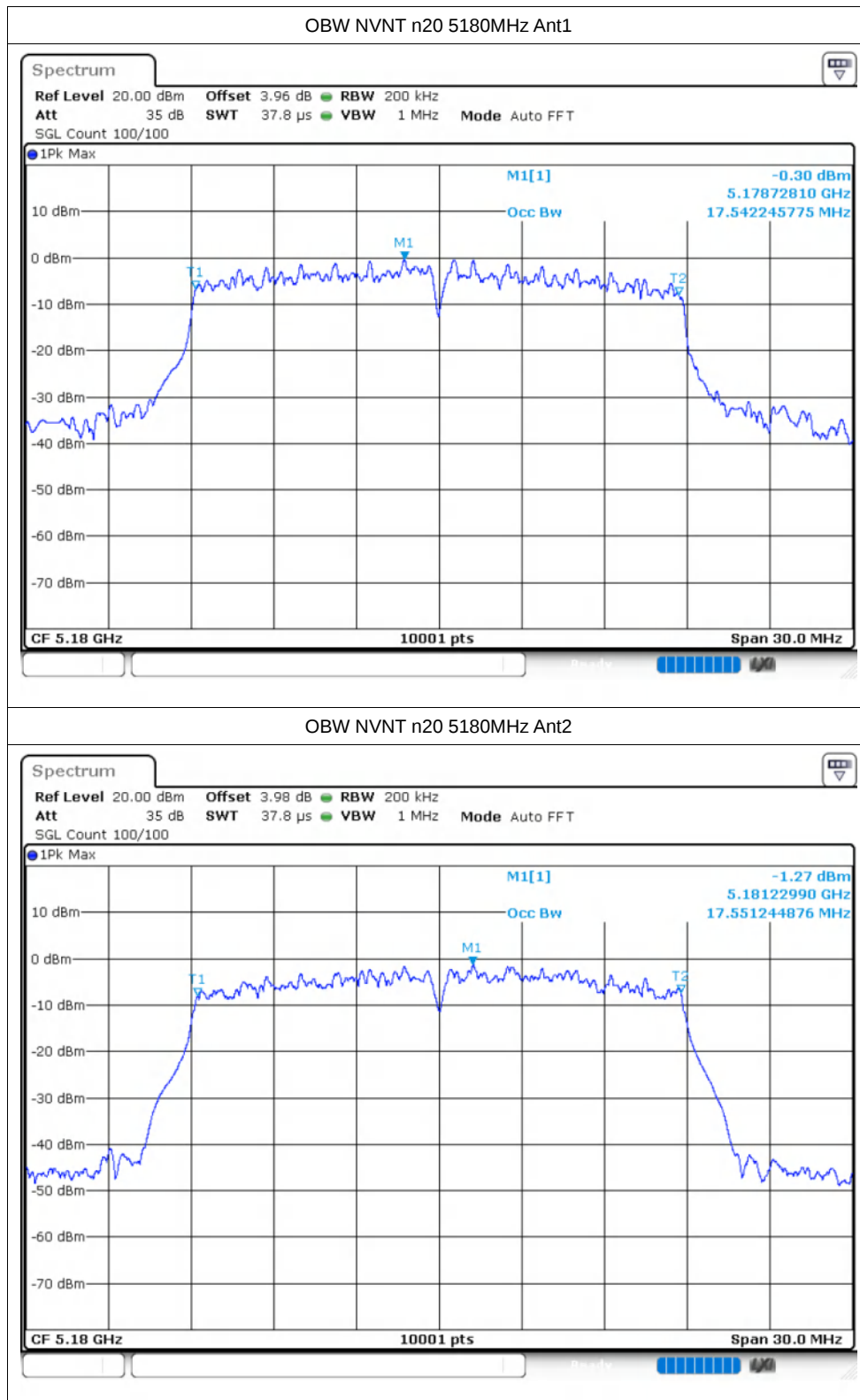


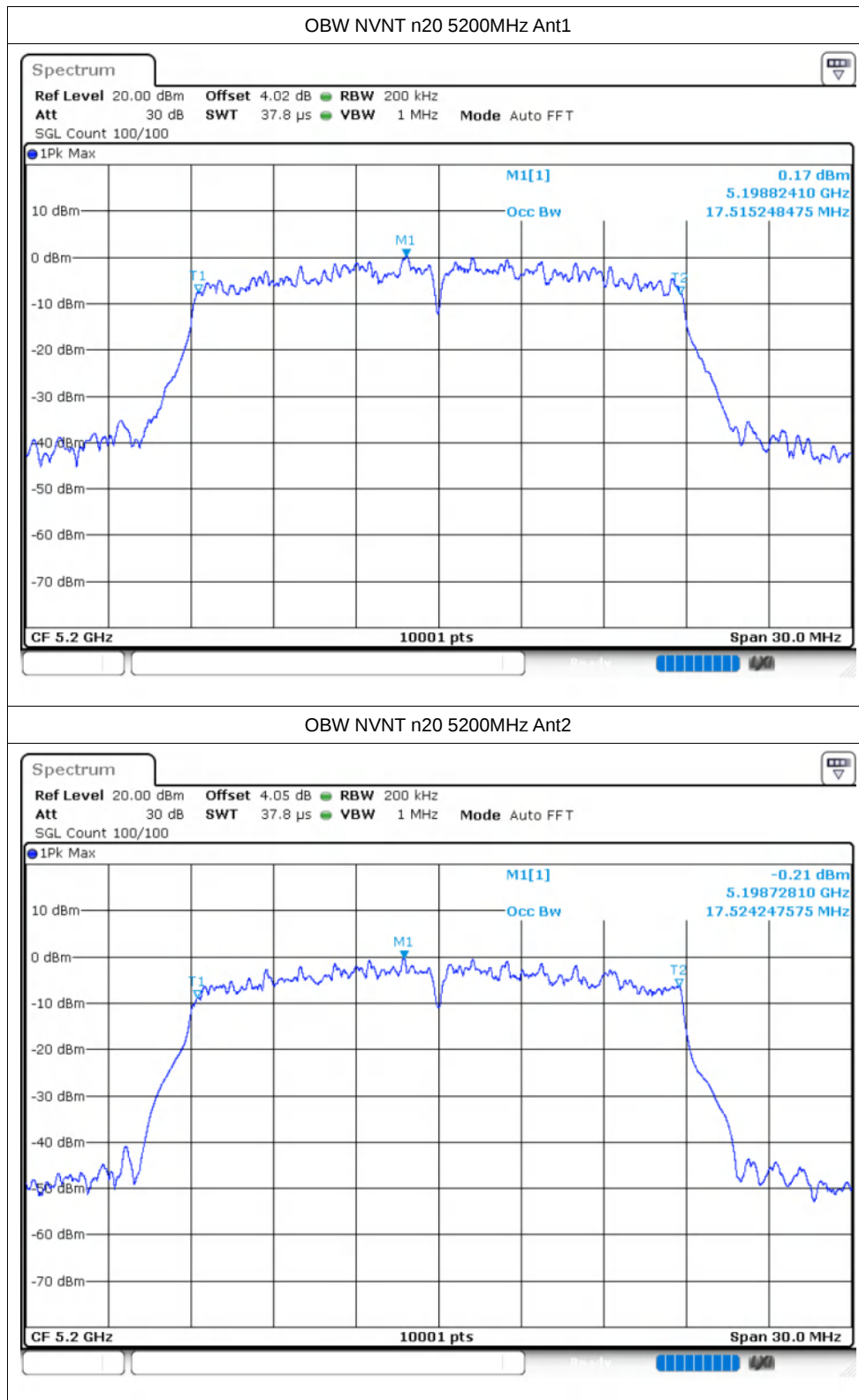
OBW NVNT ac80 5210MHz Ant1

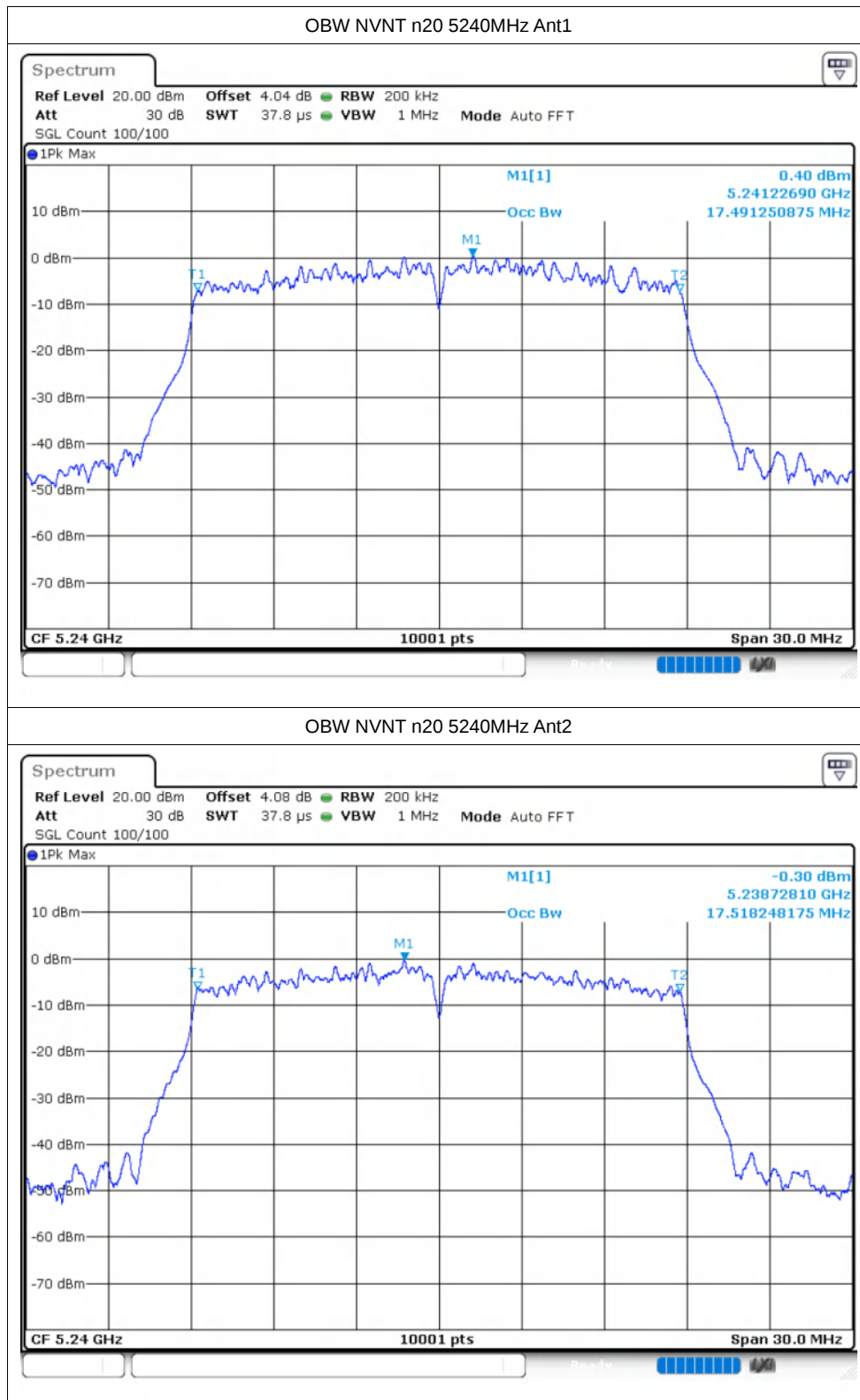


OBW NVNT ac80 5210MHz Ant2

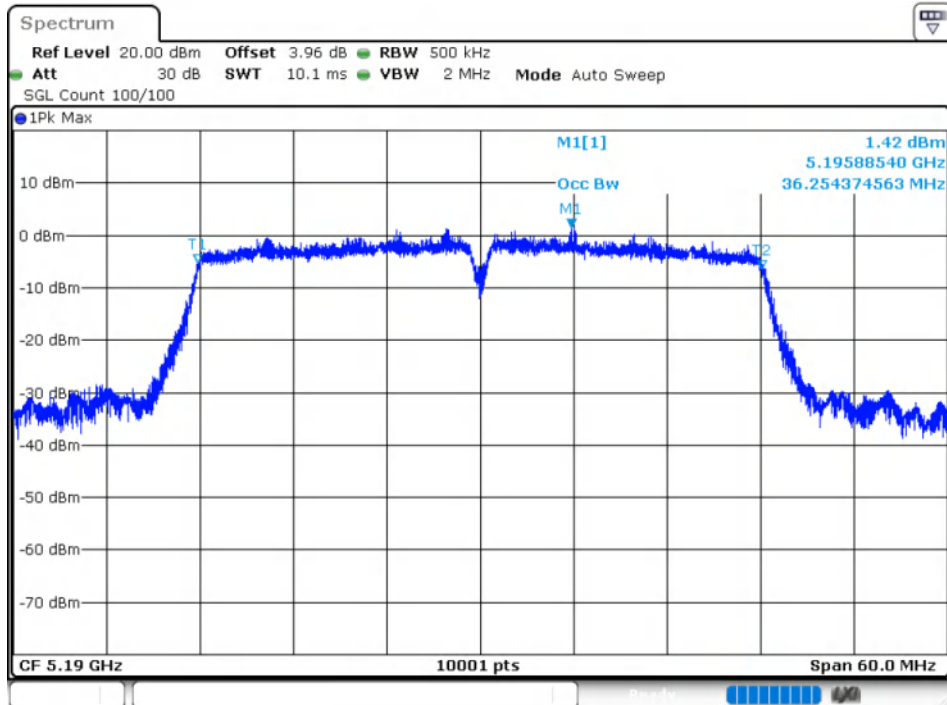








OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5190MHz Ant2

