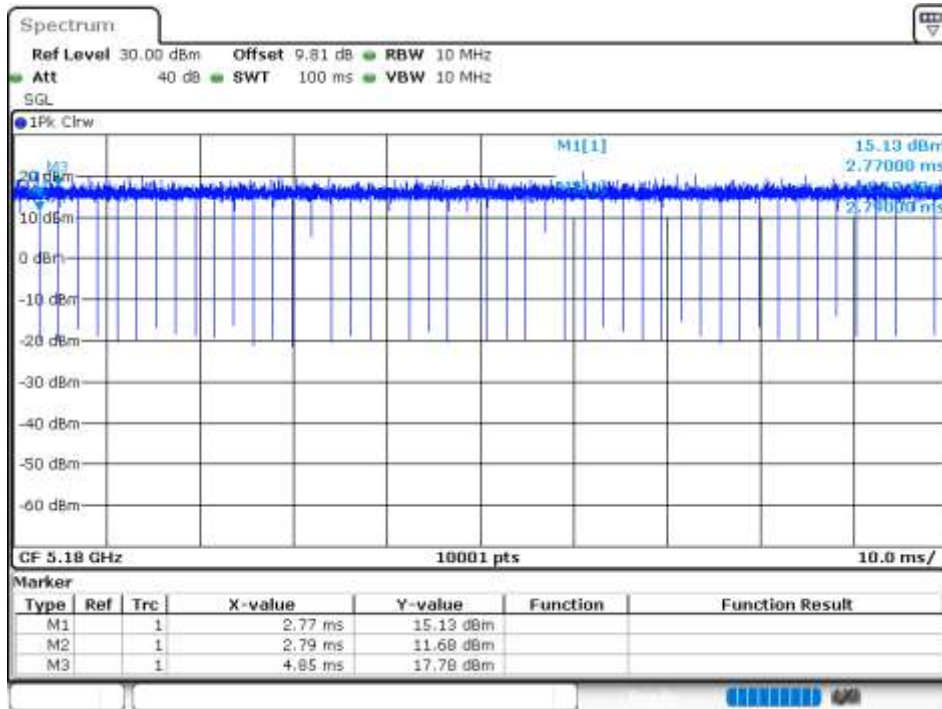


## 5.2G WIFI

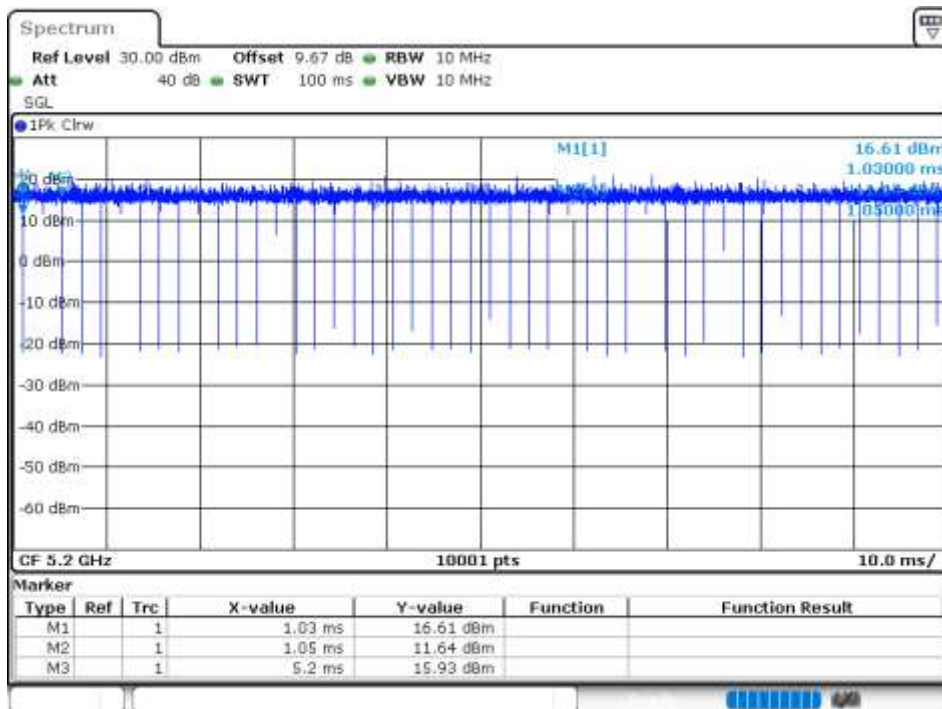
### Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant 1	99.58	0.02	0.49
NVNT	a	5200	Ant 1	99.59	0.02	0.24
NVNT	a	5240	Ant 1	99.58	0.02	0.49
NVNT	a	5180	Ant 2	99.58	0.02	0.49
NVNT	a	5200	Ant 2	99.57	0.02	0.49
NVNT	a	5240	Ant 2	99.59	0.02	0.49
NVNT	ac20	5180	Ant 1	99.56	0.02	0.52
NVNT	ac20	5200	Ant 1	99.56	0.02	0.52
NVNT	ac20	5240	Ant 1	99.53	0.02	0.52
NVNT	ac20	5180	Ant 2	99.54	0.02	0.52
NVNT	ac20	5200	Ant 2	99.55	0.02	0.52
NVNT	ac20	5240	Ant 2	99.54	0.02	0.52
NVNT	ac40	5190	Ant 1	99.41	0.03	0.65
NVNT	ac40	5230	Ant 1	99.41	0.03	0.65
NVNT	ac40	5190	Ant 2	99.4	0.03	0.65
NVNT	ac40	5230	Ant 2	99.42	0.03	0.32
NVNT	ac80	5210	Ant 1	99.58	0.02	0.45
NVNT	ac80	5210	Ant 2	99.57	0.02	0.45
NVNT	n20	5180	Ant 1	97.85	0.09	0.76
NVNT	n20	5200	Ant 1	97.86	0.09	0.76
NVNT	n20	5240	Ant 1	97.87	0.09	0.76
NVNT	n20	5180	Ant 2	97.82	0.1	0.76
NVNT	n20	5200	Ant 2	97.88	0.09	0.76
NVNT	n20	5240	Ant 2	97.86	0.09	0.76
NVNT	n40	5190	Ant 1	99.36	0.03	0.65
NVNT	n40	5230	Ant 1	99.08	0.04	0.65
NVNT	n40	5190	Ant 2	99.35	0.03	0.65
NVNT	n40	5230	Ant 2	99.55	0.02	0.32

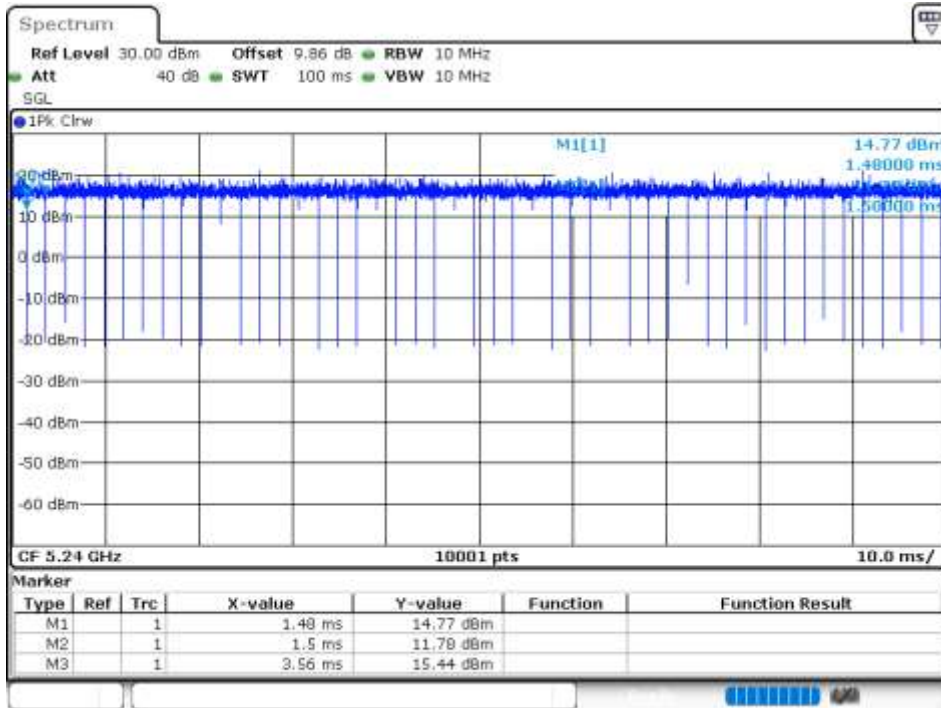
Duty Cycle NVNT a 5180MHz Ant 1



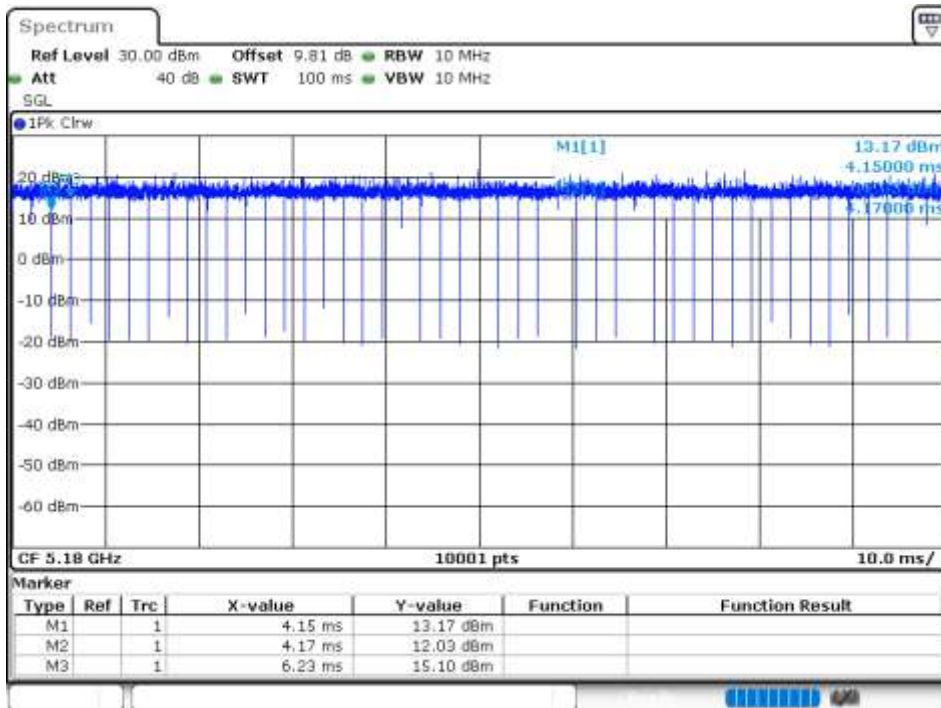
Duty Cycle NVNT a 5200MHz Ant 1



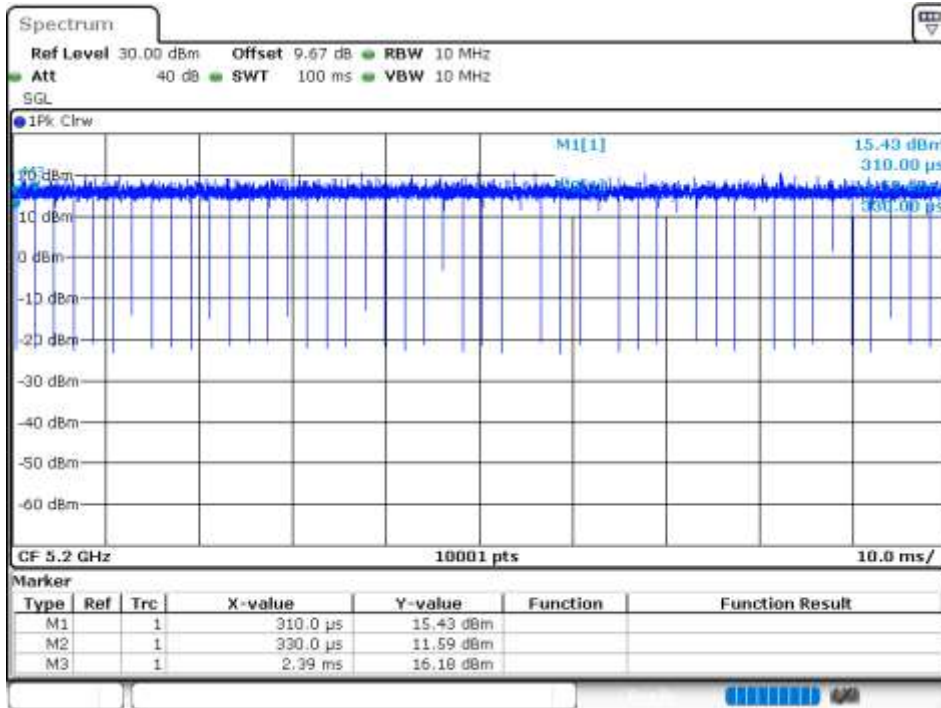
Duty Cycle NVNT a 5240MHz Ant 1



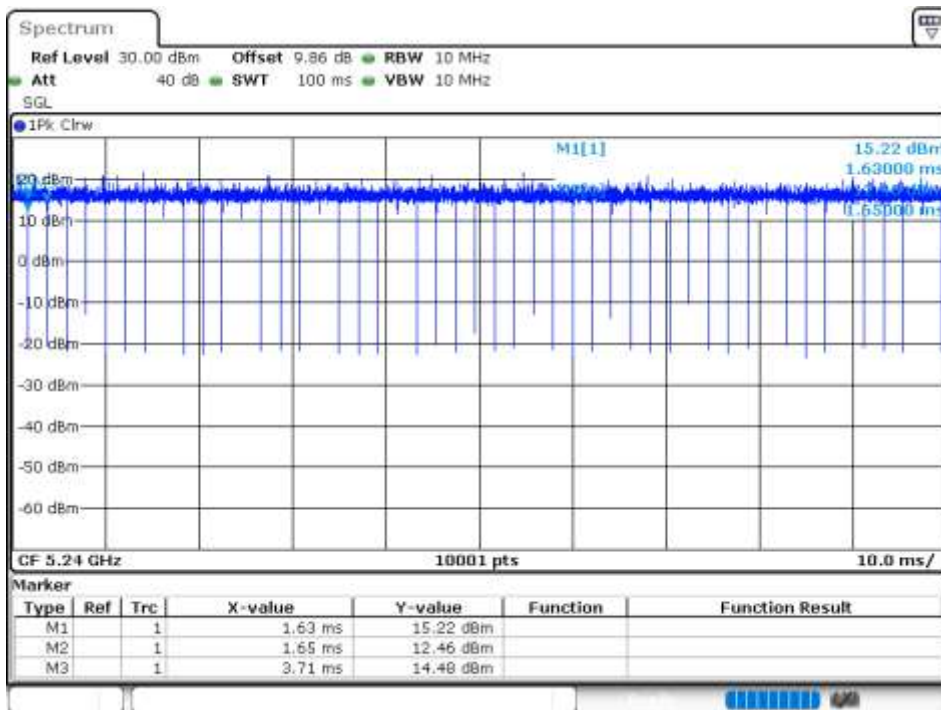
Duty Cycle NVNT a 5180MHz Ant 2



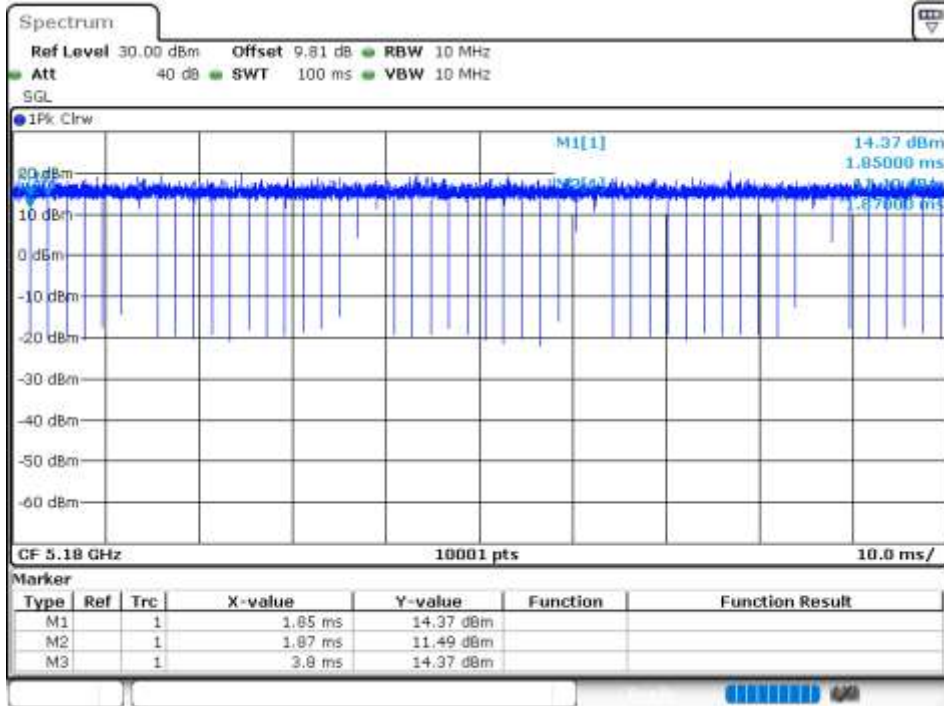
Duty Cycle NVNT a 5200MHz Ant 2



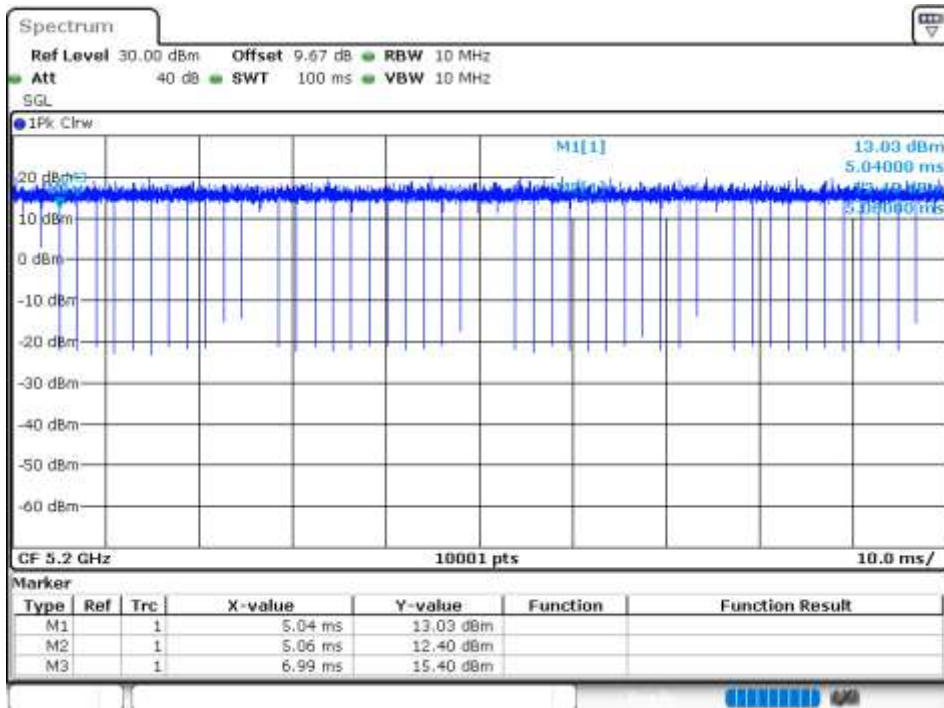
Duty Cycle NVNT a 5240MHz Ant 2



Duty Cycle NVNT ac20 5180MHz Ant 1

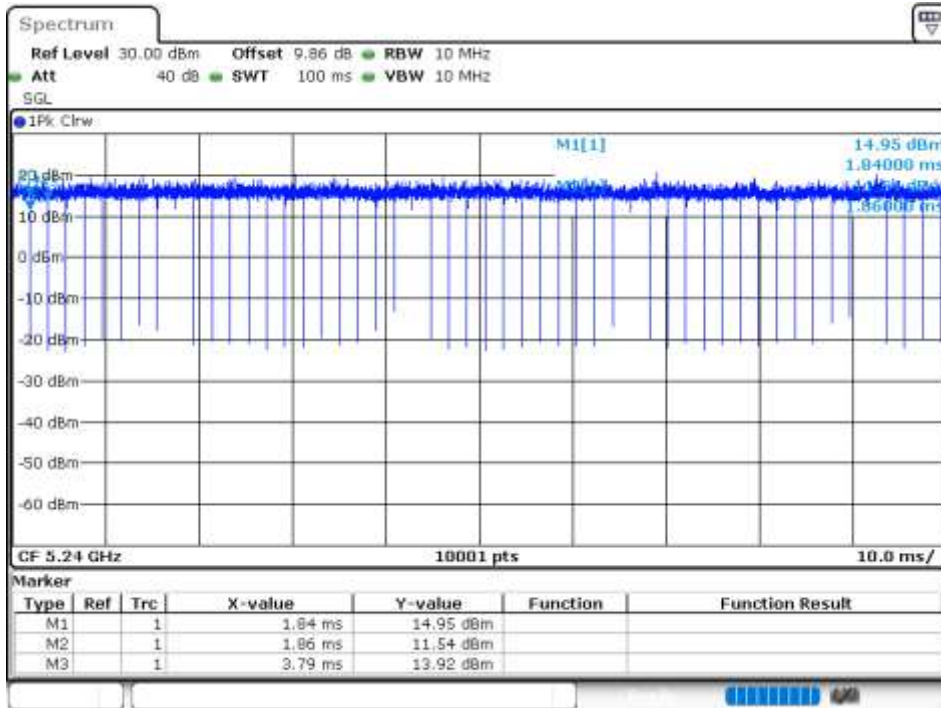


Duty Cycle NVNT ac20 5200MHz Ant 1

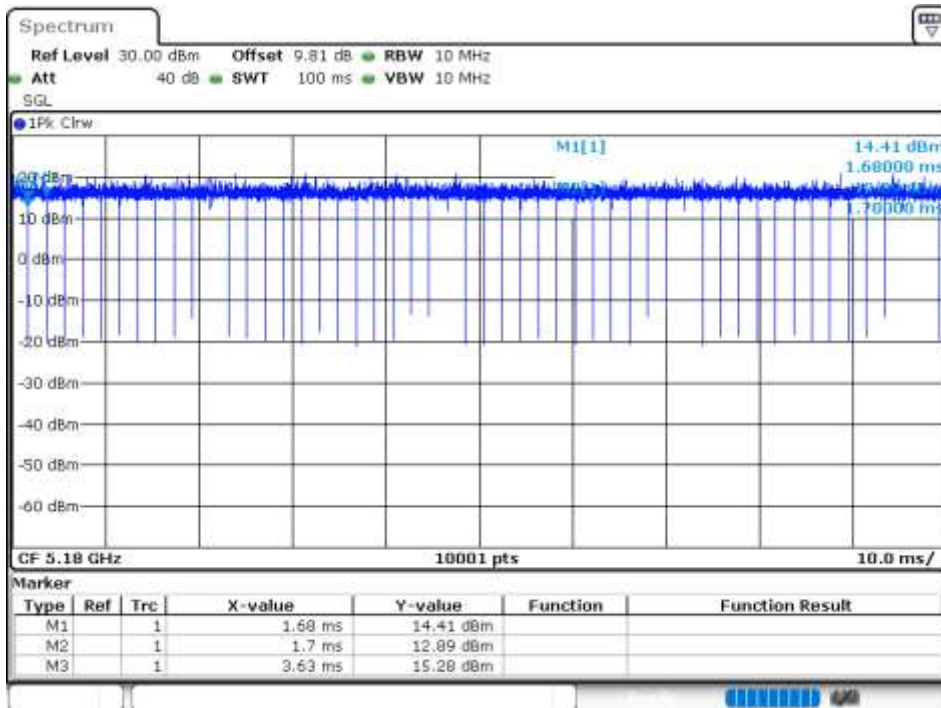


Duty Cycle NVNT ac20 5240MHz Ant 1

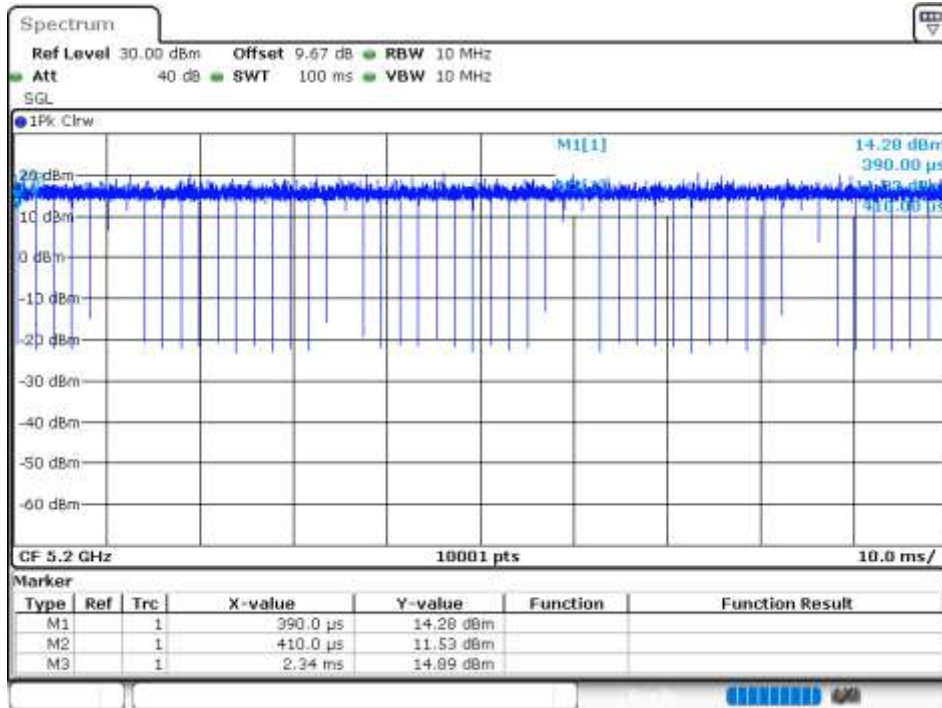




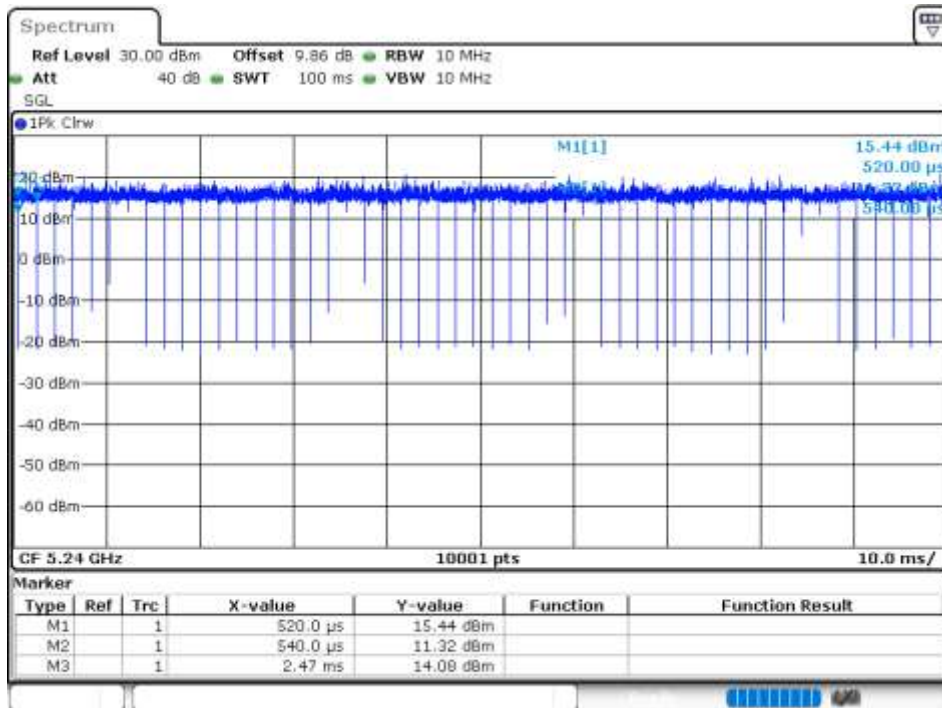
Duty Cycle NVNT ac20 5180MHz Ant 2



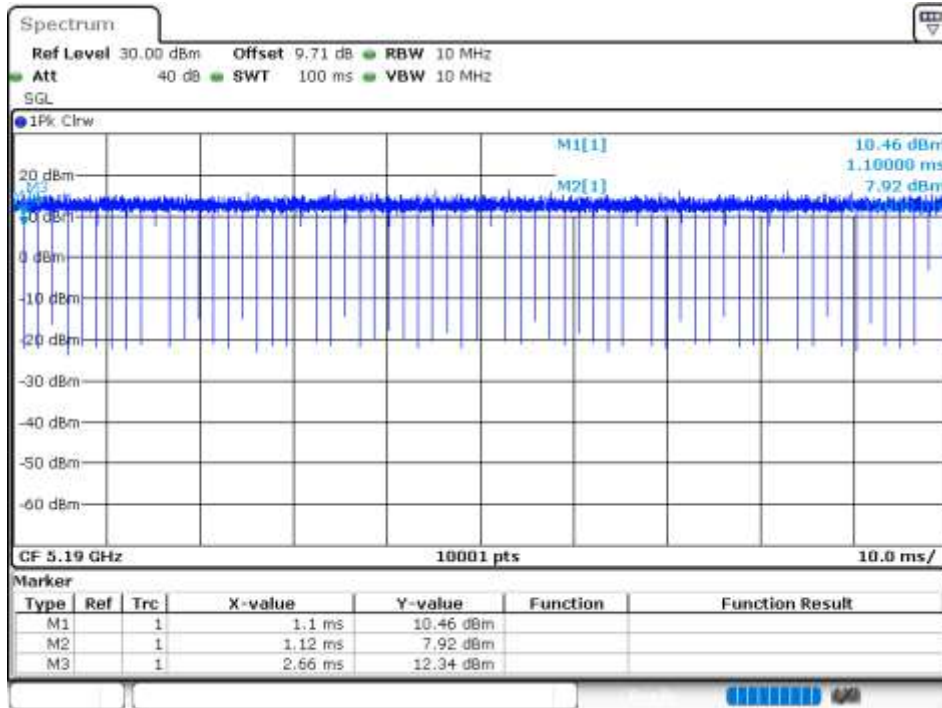
Duty Cycle NVNT ac20 5200MHz Ant 2



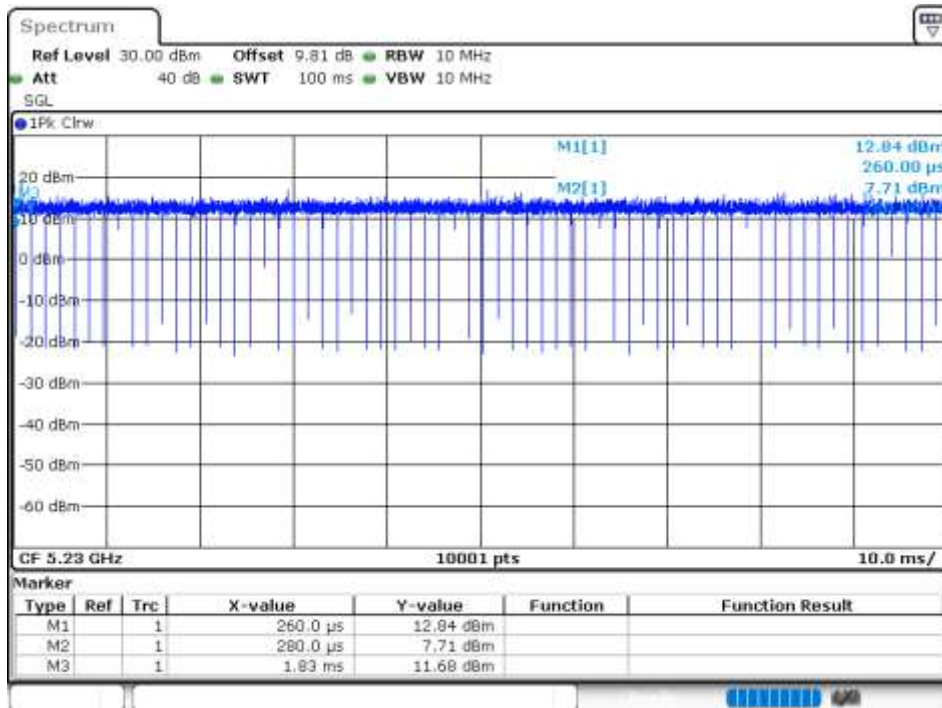
Duty Cycle NVNT ac20 5240MHz Ant 2



Duty Cycle NVNT ac40 5190MHz Ant 1

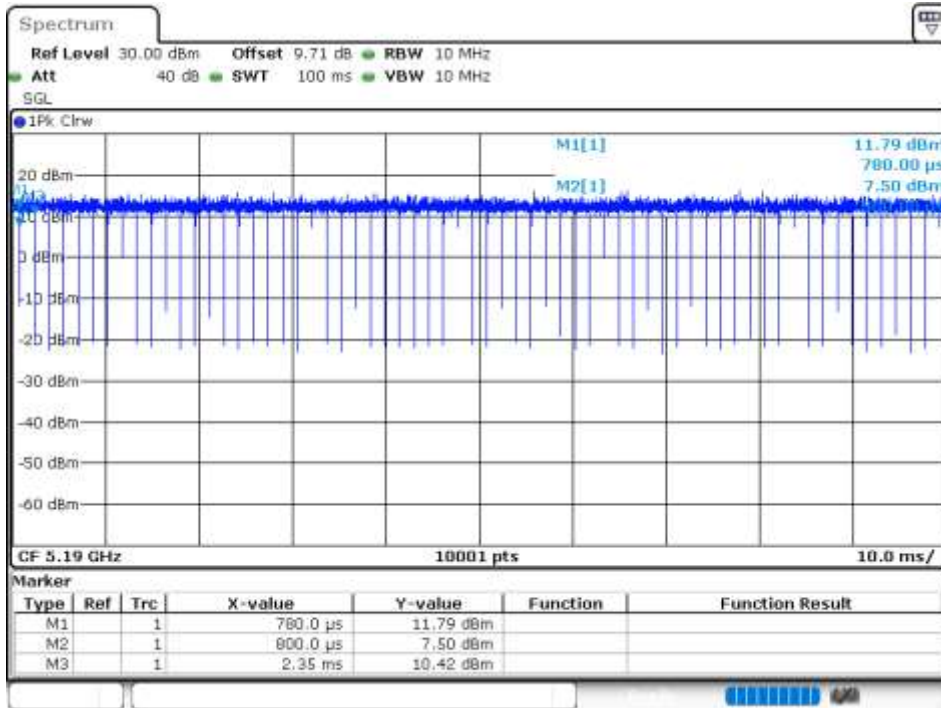


Duty Cycle NVNT ac40 5230MHz Ant 1

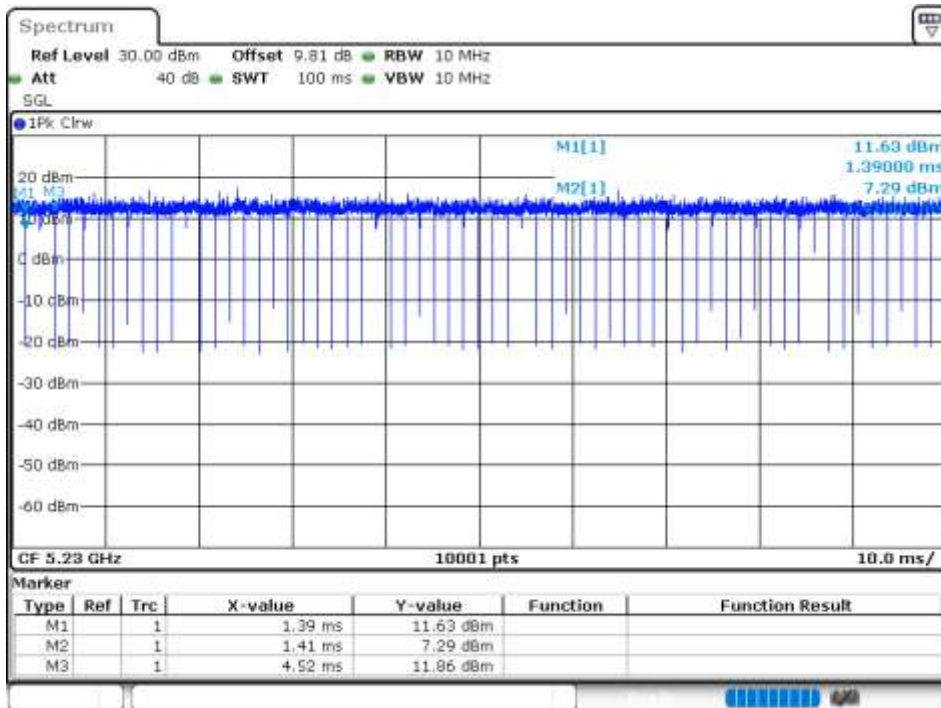


Duty Cycle NVNT ac40 5190MHz Ant 2

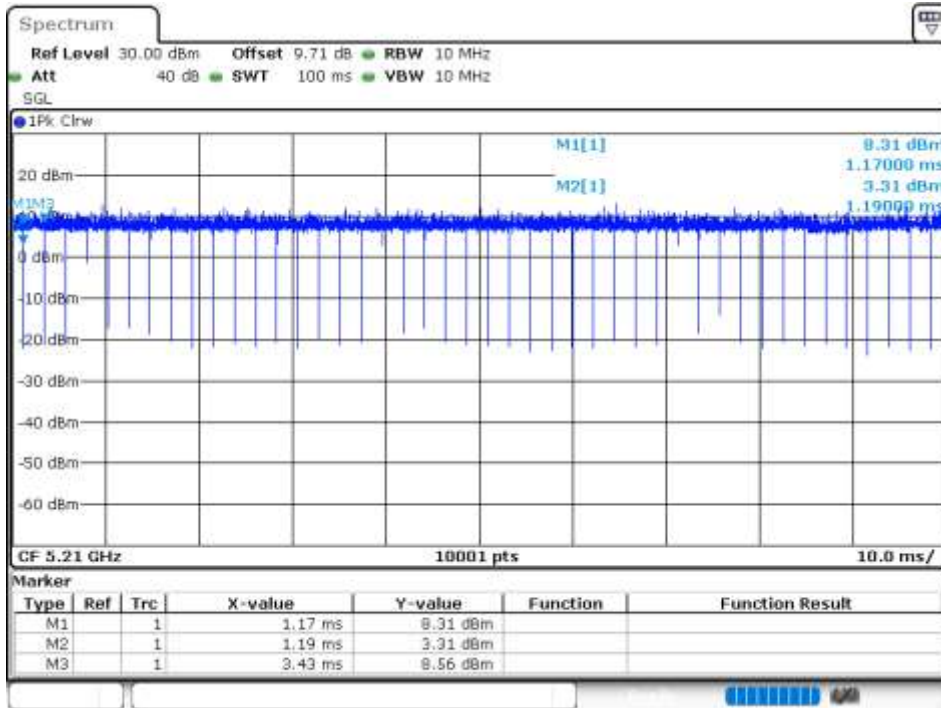




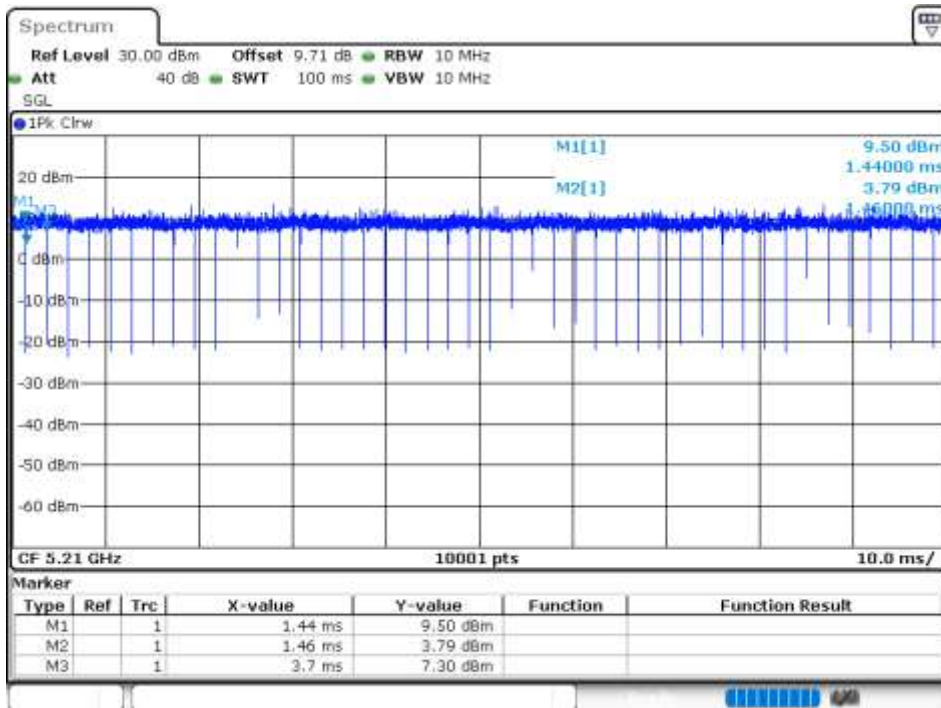
Duty Cycle NVNT ac40 5230MHz Ant 2



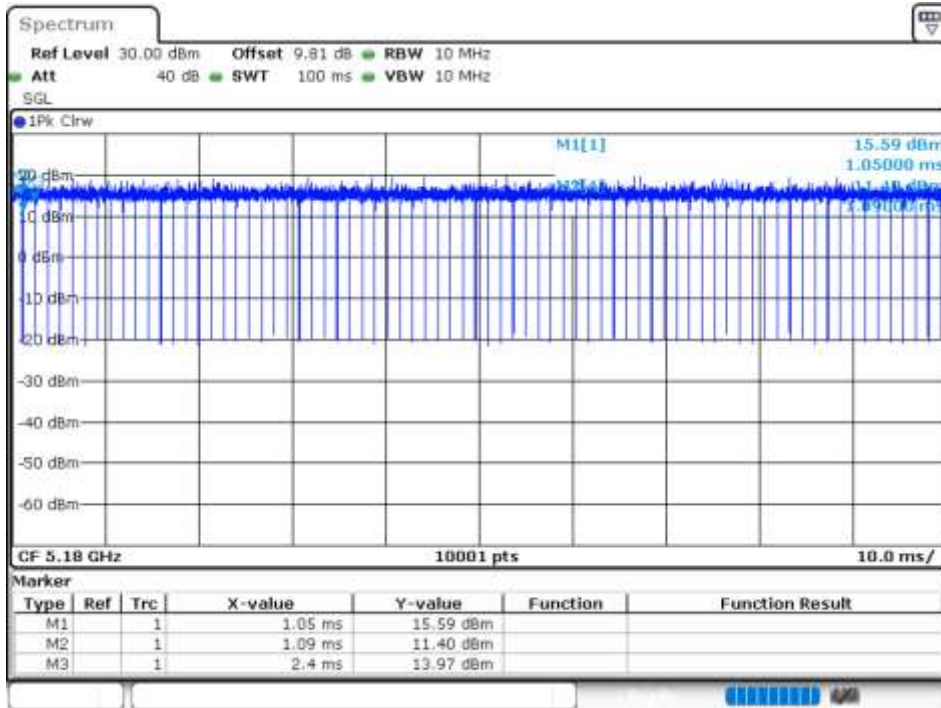
Duty Cycle NVNT ac80 5210MHz Ant 1



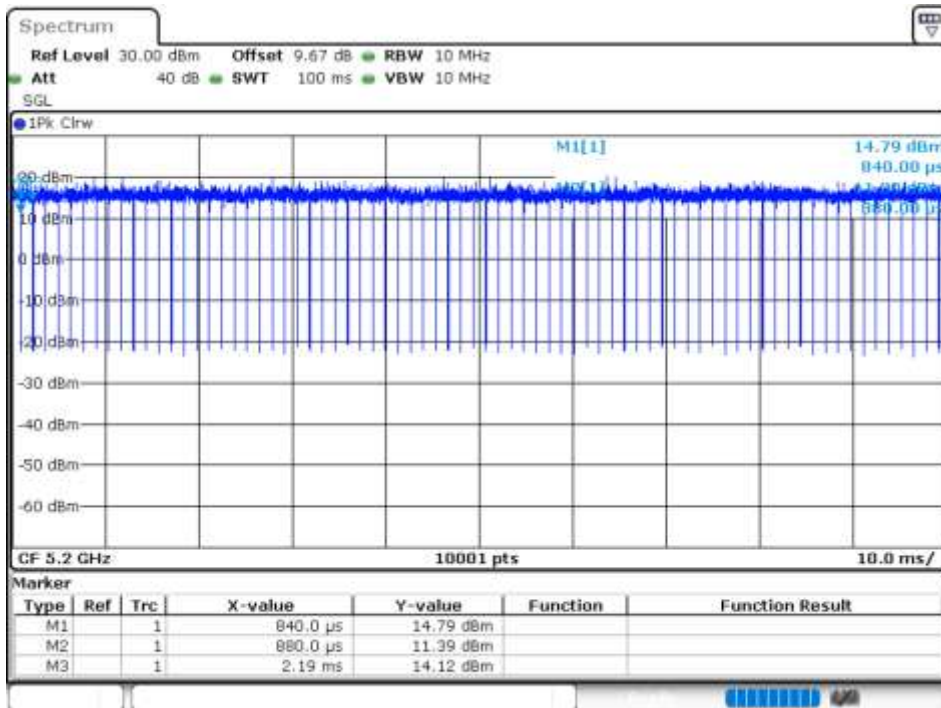
Duty Cycle NVNT ac80 5210MHz Ant 2



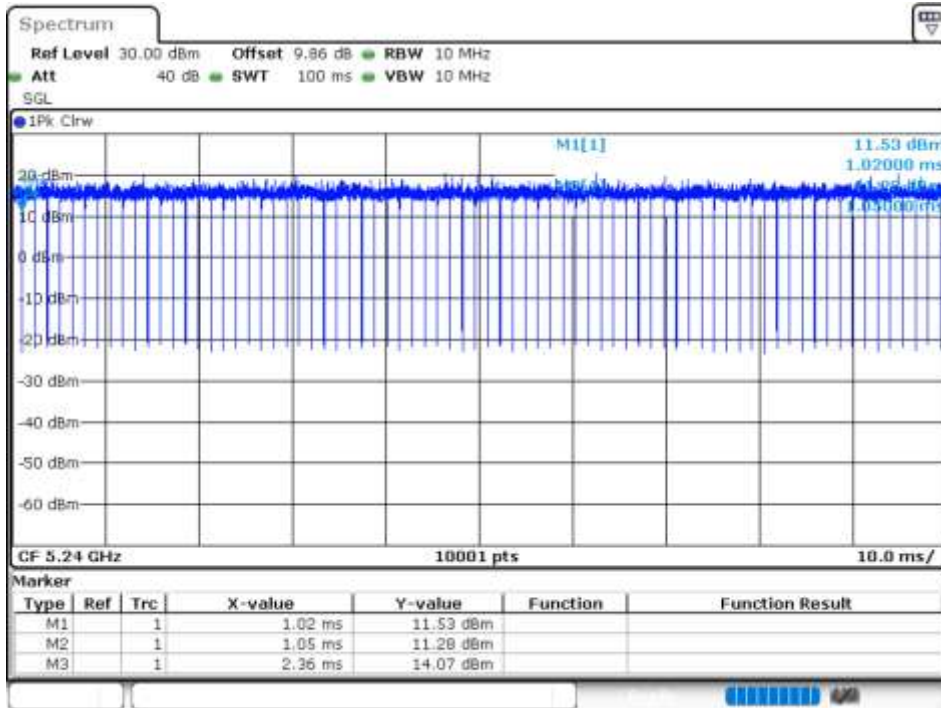
Duty Cycle NVNT n20 5180MHz Ant 1



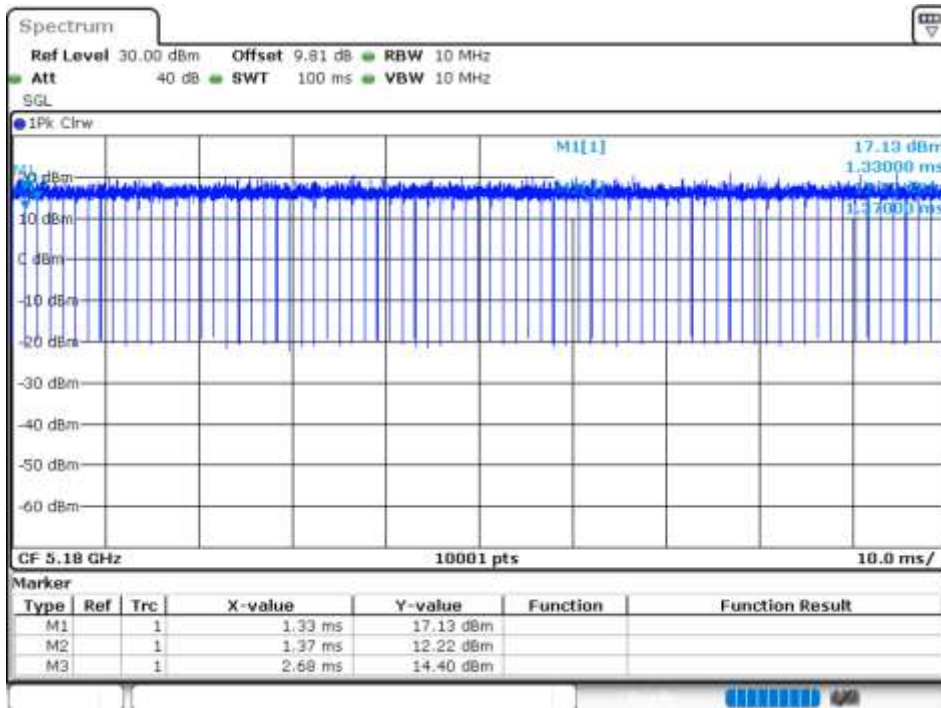
Duty Cycle NVNT n20 5200MHz Ant 1



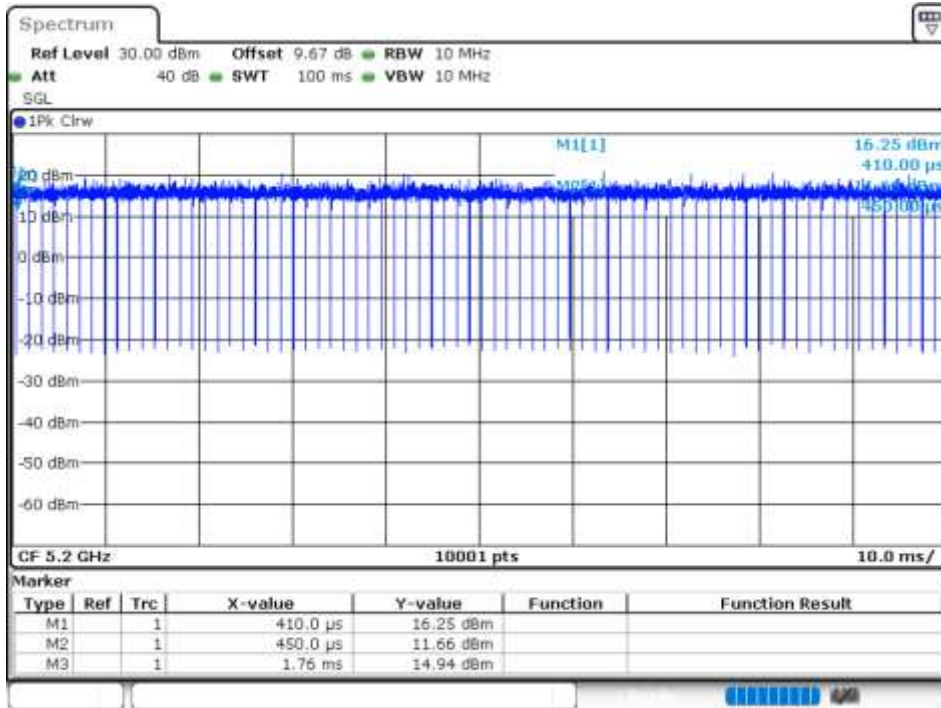
Duty Cycle NVNT n20 5240MHz Ant 1



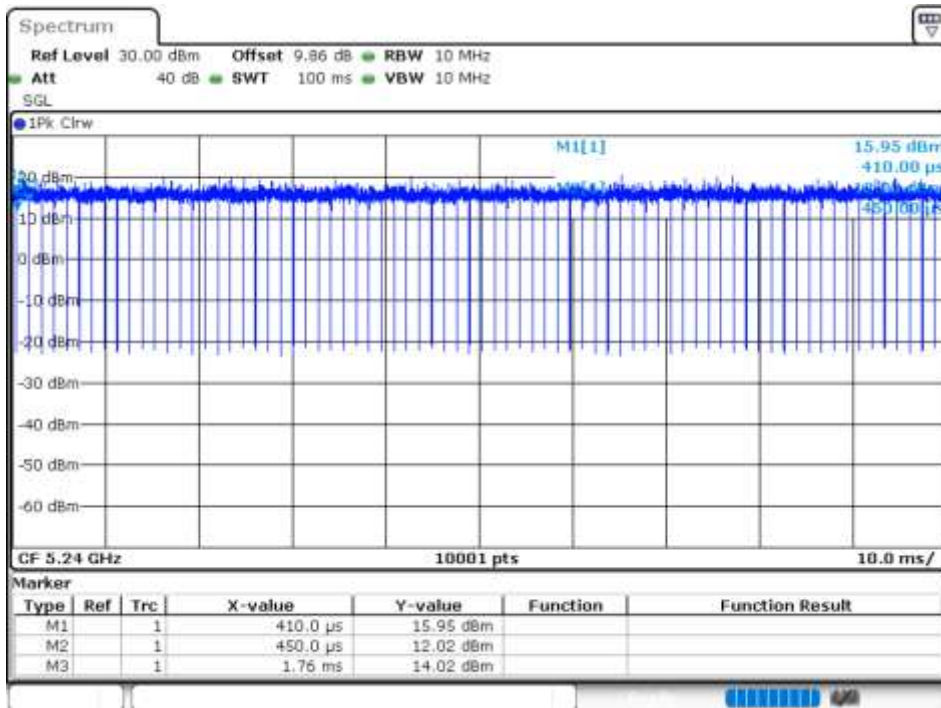
Duty Cycle NVNT n20 5180MHz Ant 2



Duty Cycle NVNT n20 5200MHz Ant 2

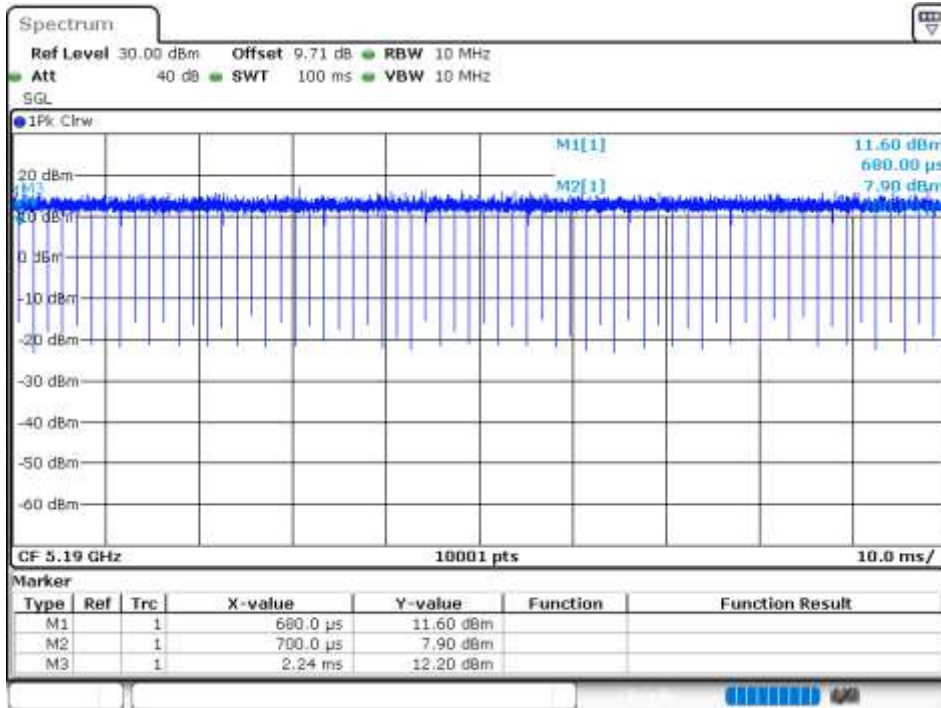


Duty Cycle NVNT n20 5240MHz Ant 2

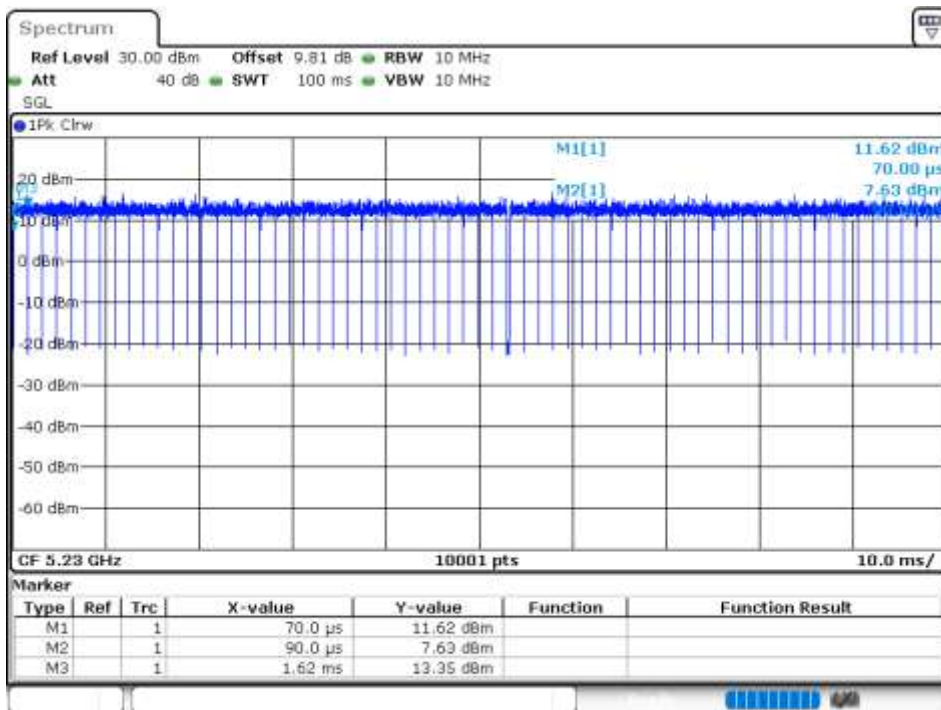


Duty Cycle NVNT n40 5190MHz Ant 1

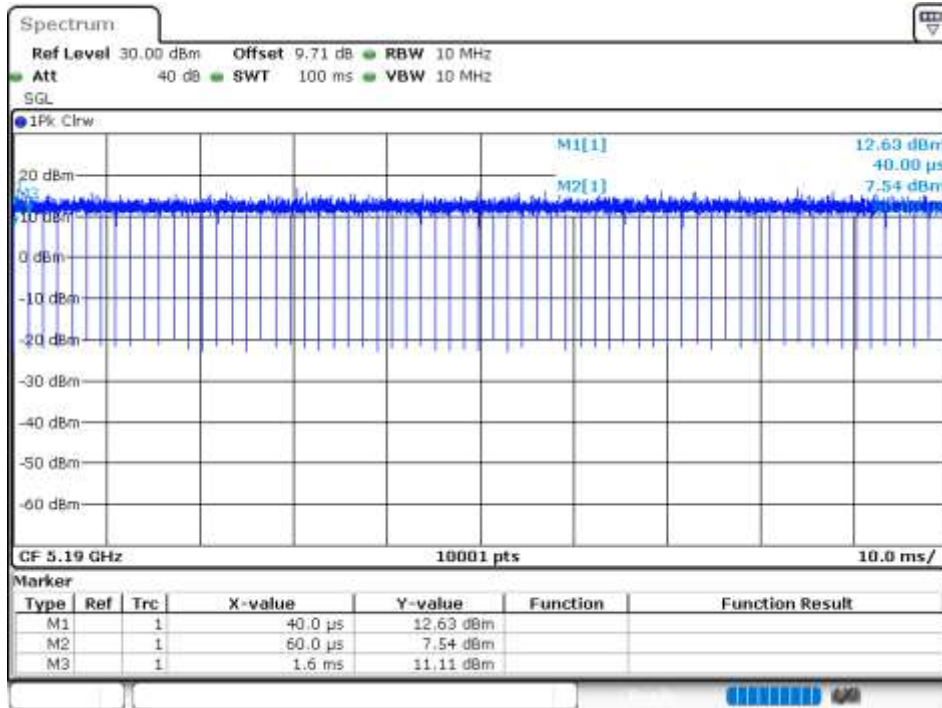




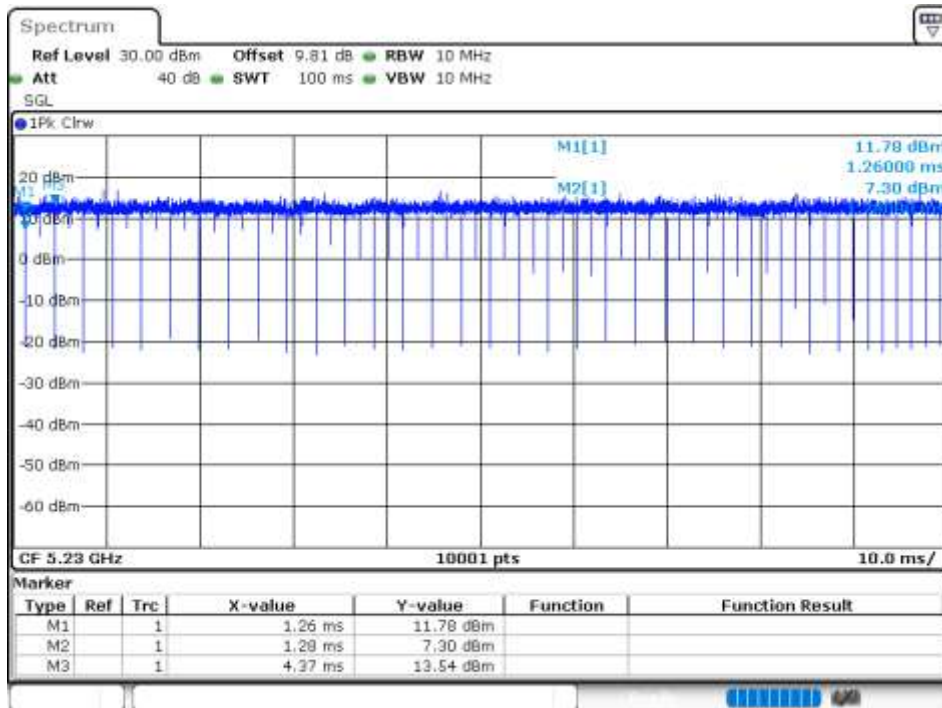
Duty Cycle NVNT n40 5230MHz Ant 1



Duty Cycle NVNT n40 5190MHz Ant 2



Duty Cycle NVNT n40 5230MHz Ant 2



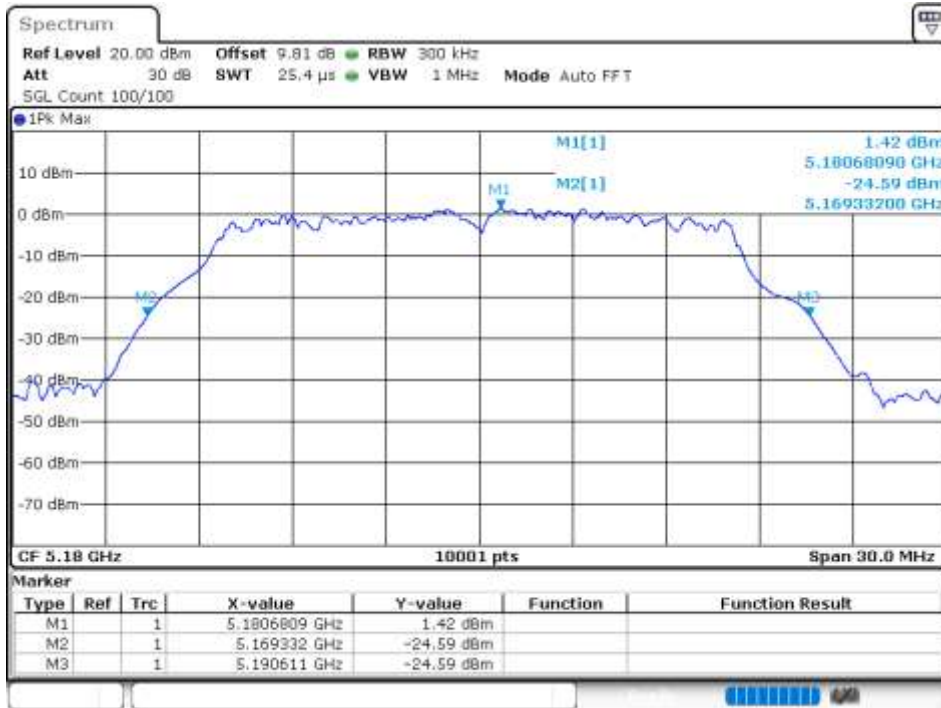
**Maximum Conducted Output Power**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	MIMO Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant 1	9.01	0.02	9.03	N/A	24	Pass
NVNT	a	5180	Ant 2	9.45	0.02	9.47		24	Pass
NVNT	a	5200	Ant 1	9.62	0.02	9.64	N/A	24	Pass
NVNT	a	5200	Ant 2	9.58	0.02	9.6		24	Pass
NVNT	a	5240	Ant 1	9.12	0.02	9.14	N/A	24	Pass
NVNT	a	5240	Ant 2	9.17	0.02	9.19		24	Pass
NVNT	ac20	5180	Ant 1	8.81	0.02	8.83	12.18	24	Pass
NVNT	ac20	5180	Ant 2	9.46	0.02	9.48		24	Pass
NVNT	ac20	5200	Ant 1	9.46	0.02	9.48	12.48	24	Pass
NVNT	ac20	5200	Ant 2	9.44	0.02	9.46		24	Pass
NVNT	ac20	5240	Ant 1	9.01	0.02	9.03	12.03	24	Pass
NVNT	ac20	5240	Ant 2	8.98	0.02	9		24	Pass
NVNT	ac40	5190	Ant 1	9.57	0.03	9.6	12.46	24	Pass
NVNT	ac40	5190	Ant 2	9.27	0.03	9.3		24	Pass
NVNT	ac40	5230	Ant 1	9.29	0.03	9.32	12.25	24	Pass
NVNT	ac40	5230	Ant 2	9.12	0.03	9.15		24	Pass
NVNT	ac80	5210	Ant 1	8.69	0.02	8.71	12.07	24	Pass
NVNT	ac80	5210	Ant 2	9.37	0.02	9.39		24	Pass
NVNT	n20	5180	Ant 1	8.76	0.09	8.85	12.20	24	Pass
NVNT	n20	5180	Ant 2	9.4	0.1	9.5		24	Pass
NVNT	n20	5200	Ant 1	9.43	0.09	9.52	12.53	24	Pass
NVNT	n20	5200	Ant 2	9.43	0.09	9.52		24	Pass
NVNT	n20	5240	Ant 1	8.95	0.09	9.04	12.07	24	Pass
NVNT	n20	5240	Ant 2	8.99	0.09	9.08		24	Pass
NVNT	n40	5190	Ant 1	9.57	0.03	9.6	12.42	24	Pass
NVNT	n40	5190	Ant 2	9.19	0.03	9.22		24	Pass
NVNT	n40	5230	Ant 1	9.27	0.04	9.31	12.30	24	Pass
NVNT	n40	5230	Ant 2	9.24	0.02	9.26		24	Pass

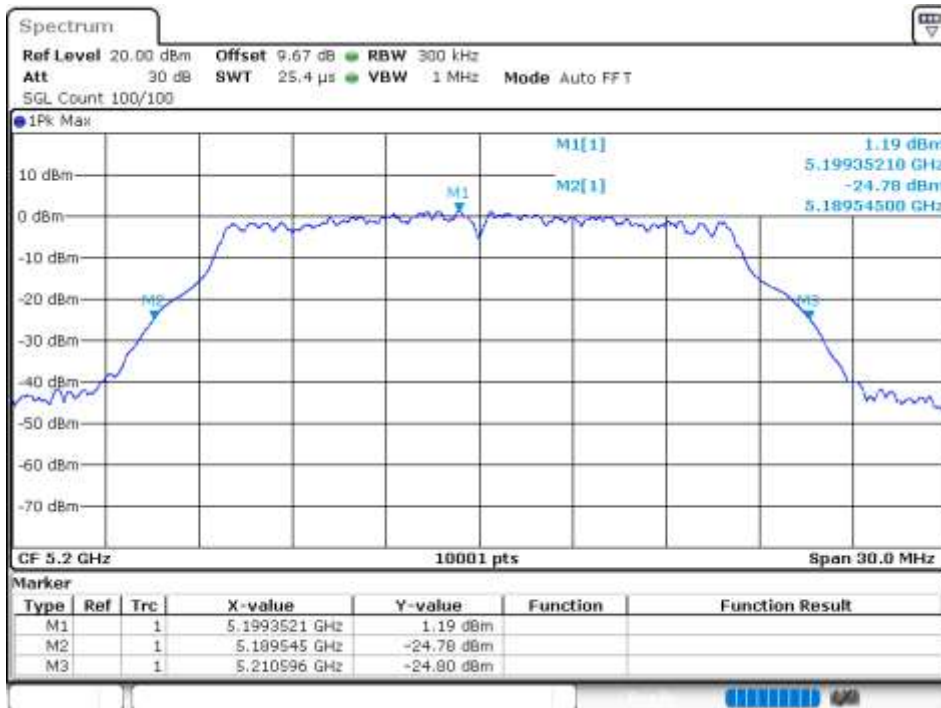
**-26dB Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant 1	21.279	Pass
NVNT	a	5200	Ant 1	21.051	Pass
NVNT	a	5240	Ant 1	21.402	Pass
NVNT	a	5180	Ant 2	21.042	Pass
NVNT	a	5200	Ant 2	21.087	Pass
NVNT	a	5240	Ant 2	21.069	Pass
NVNT	ac20	5180	Ant 1	21.495	Pass
NVNT	ac20	5200	Ant 1	21.213	Pass
NVNT	ac20	5240	Ant 1	21.348	Pass
NVNT	ac20	5180	Ant 2	21.432	Pass
NVNT	ac20	5200	Ant 2	21.45	Pass
NVNT	ac20	5240	Ant 2	21.243	Pass
NVNT	ac40	5190	Ant 1	40.206	Pass
NVNT	ac40	5230	Ant 1	40.128	Pass
NVNT	ac40	5190	Ant 2	40.41	Pass
NVNT	ac40	5230	Ant 2	40.572	Pass
NVNT	ac80	5210	Ant 1	82.128	Pass
NVNT	ac80	5210	Ant 2	82.224	Pass
NVNT	n20	5180	Ant 1	21.336	Pass
NVNT	n20	5200	Ant 1	21.147	Pass
NVNT	n20	5240	Ant 1	21.432	Pass
NVNT	n20	5180	Ant 2	21.435	Pass
NVNT	n20	5200	Ant 2	21.216	Pass
NVNT	n20	5240	Ant 2	21.279	Pass
NVNT	n40	5190	Ant 1	40.23	Pass
NVNT	n40	5230	Ant 1	40.14	Pass
NVNT	n40	5190	Ant 2	40.308	Pass
NVNT	n40	5230	Ant 2	40.284	Pass

-26dB Bandwidth NVNT a 5180MHz Ant 1

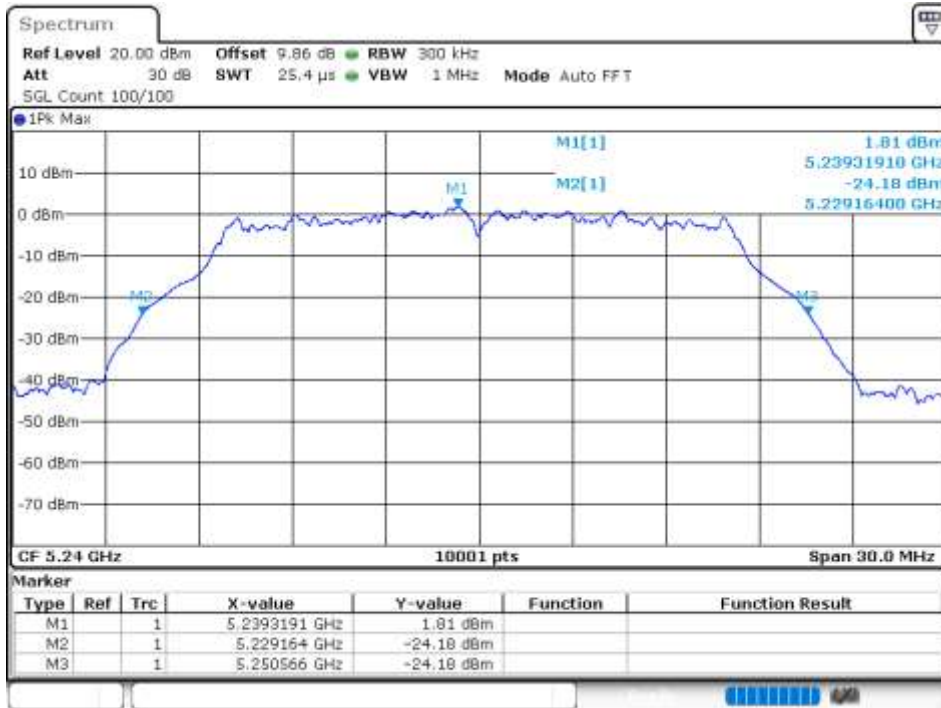


-26dB Bandwidth NVNT a 5200MHz Ant 1

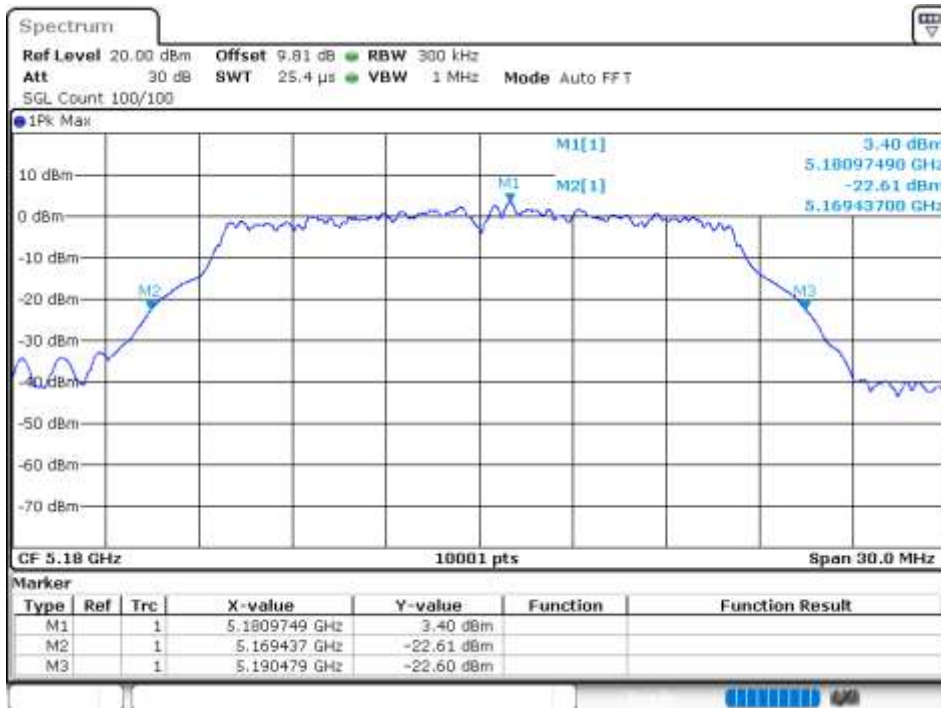


-26dB Bandwidth NVNT a 5240MHz Ant 1

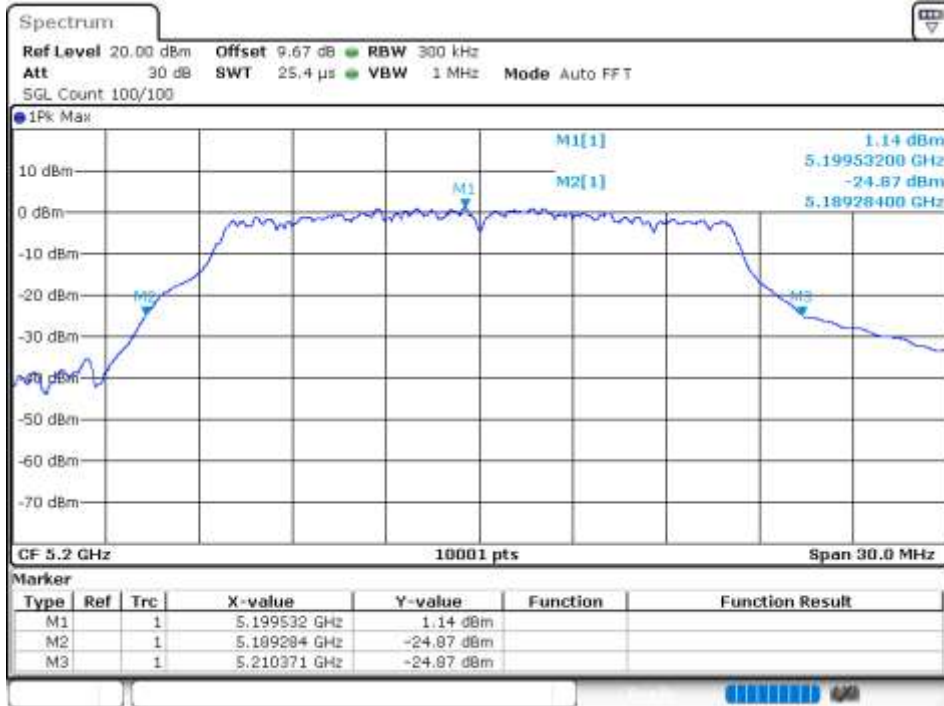




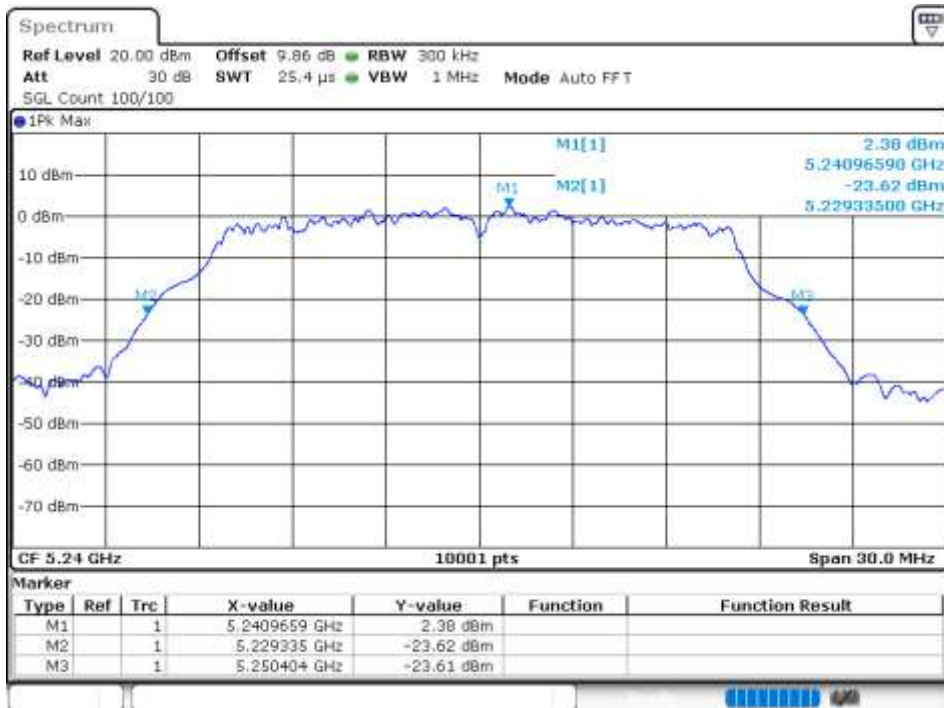
-26dB Bandwidth NVNT a 5180MHz Ant 2



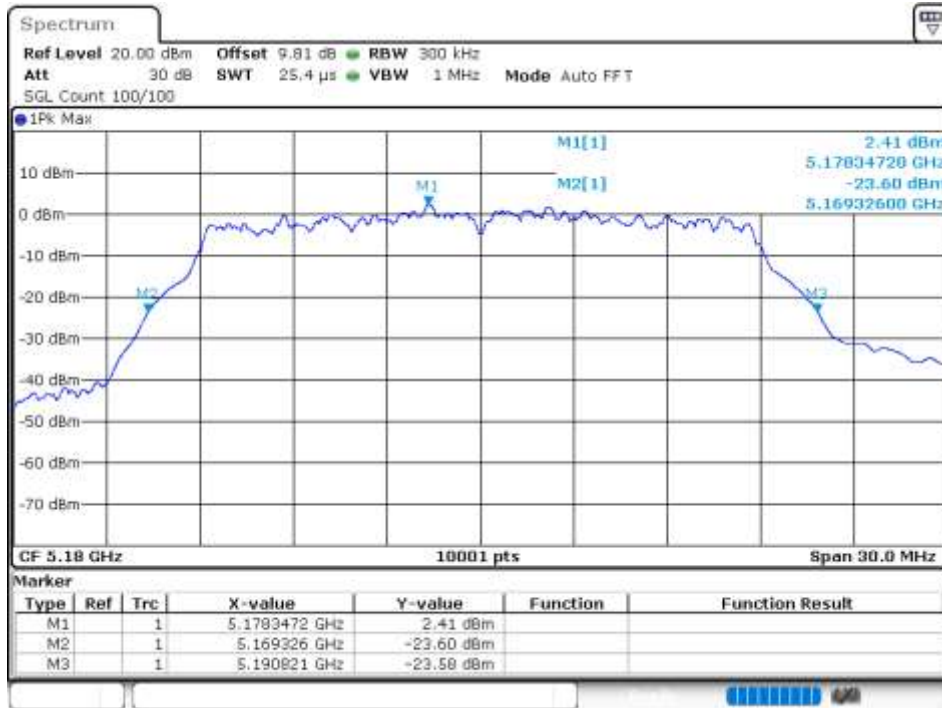
-26dB Bandwidth NVNT a 5200MHz Ant 2



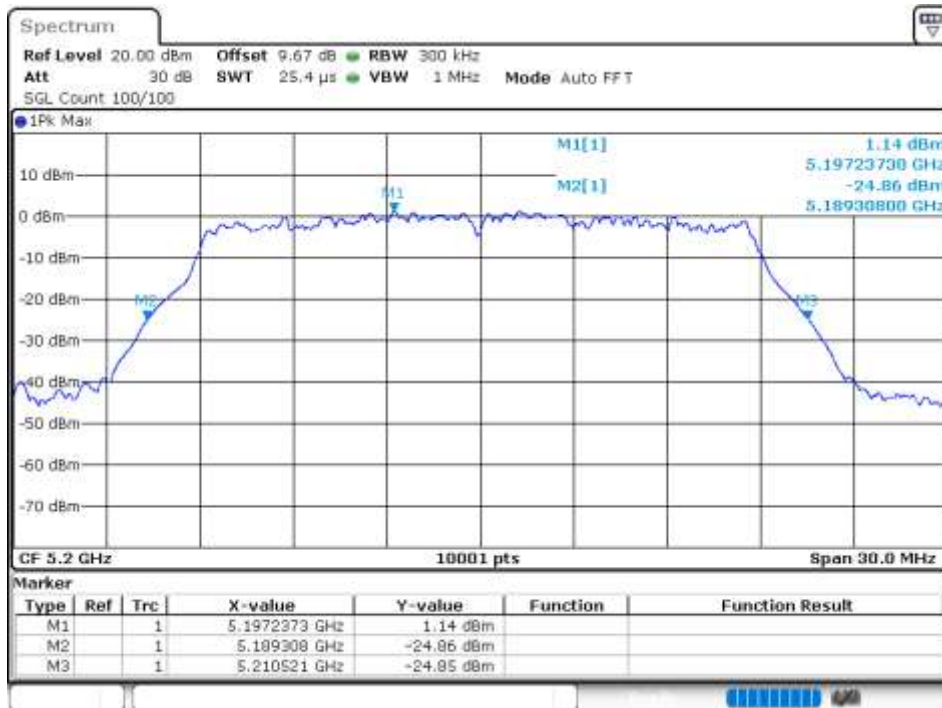
-26dB Bandwidth NVNT a 5240MHz Ant 2



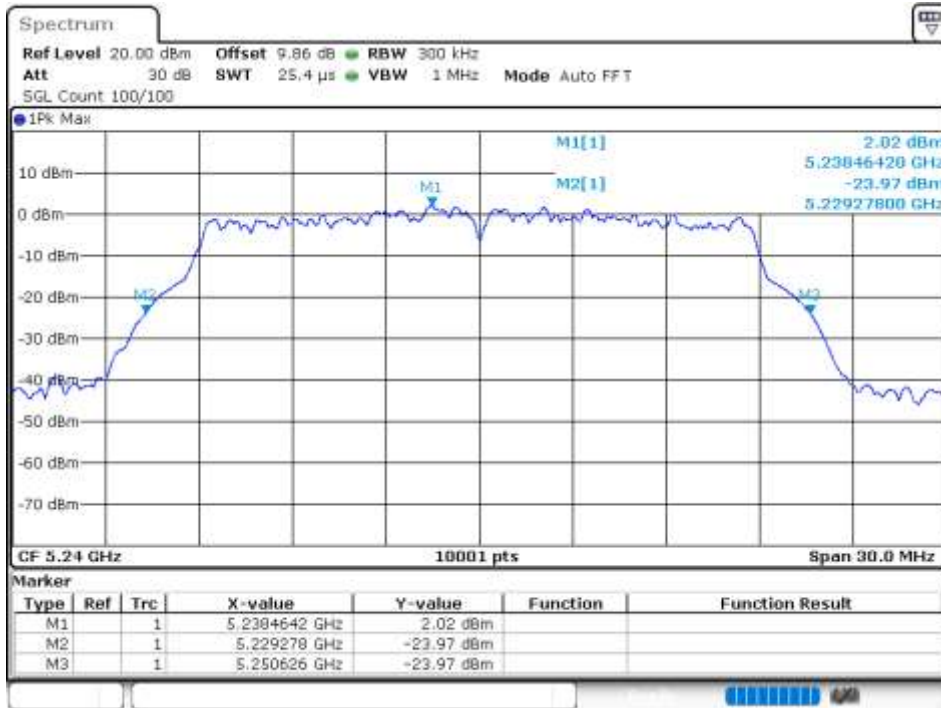
-26dB Bandwidth NVNT ac20 5180MHz Ant 1



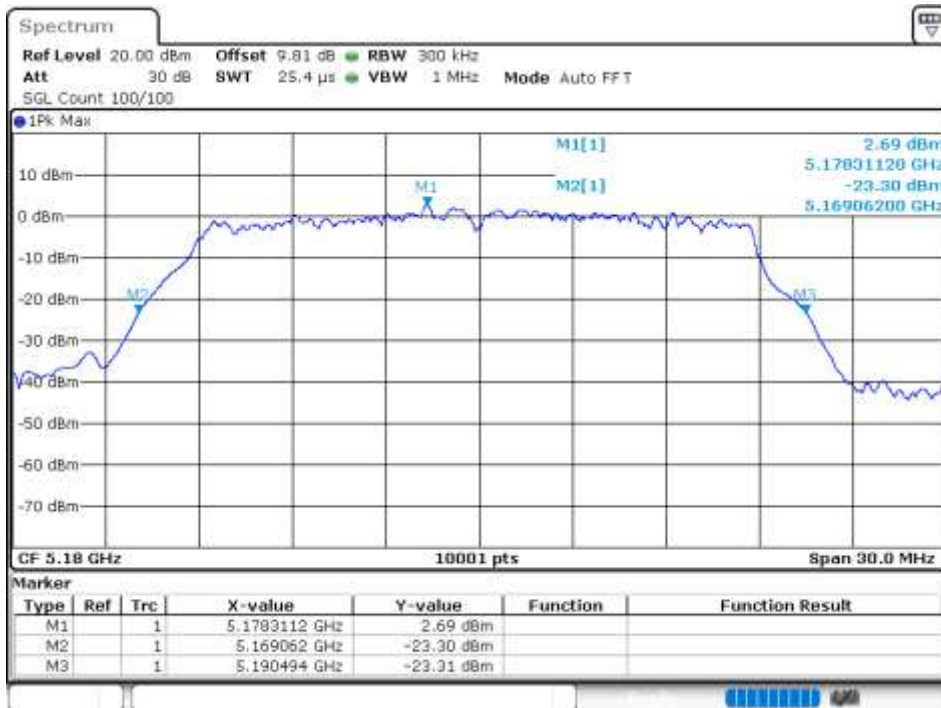
-26dB Bandwidth NVNT ac20 5200MHz Ant 1



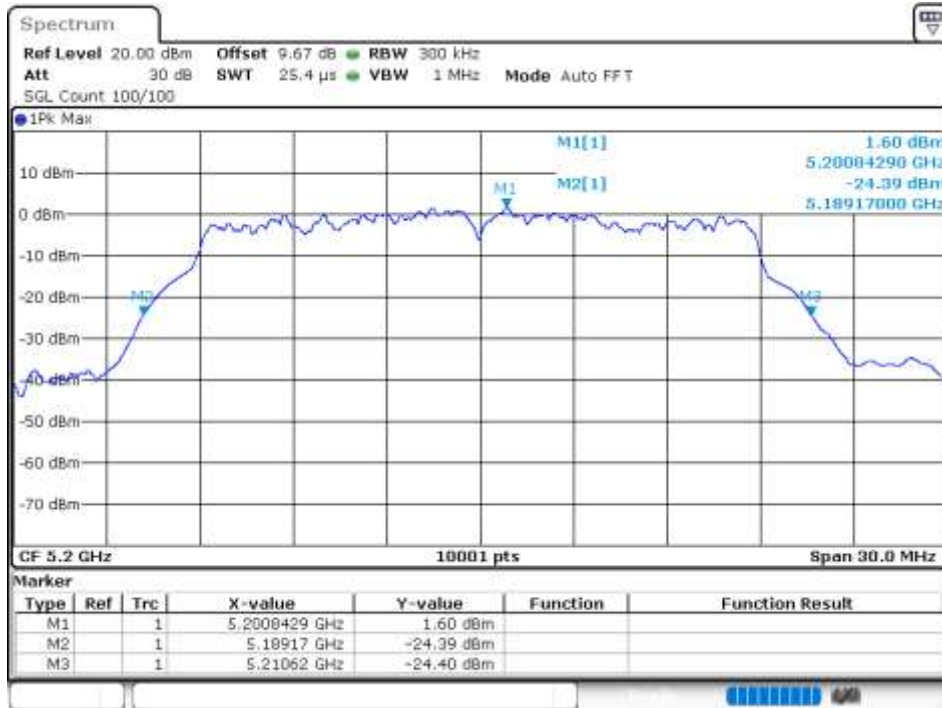
-26dB Bandwidth NVNT ac20 5240MHz Ant 1



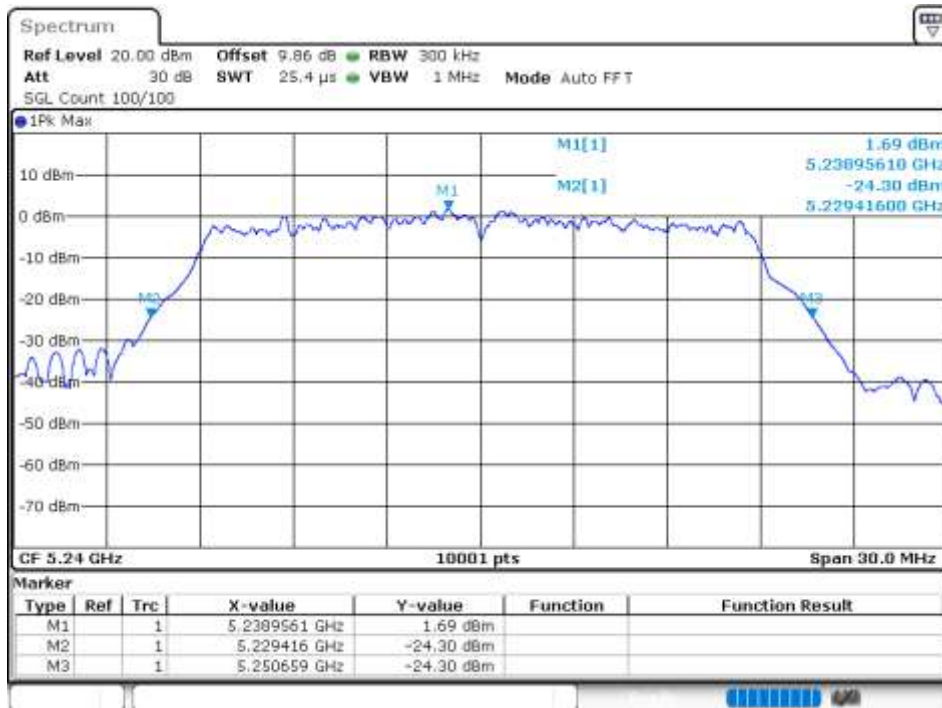
-26dB Bandwidth NVNT ac20 5180MHz Ant 2



-26dB Bandwidth NVNT ac20 5200MHz Ant 2

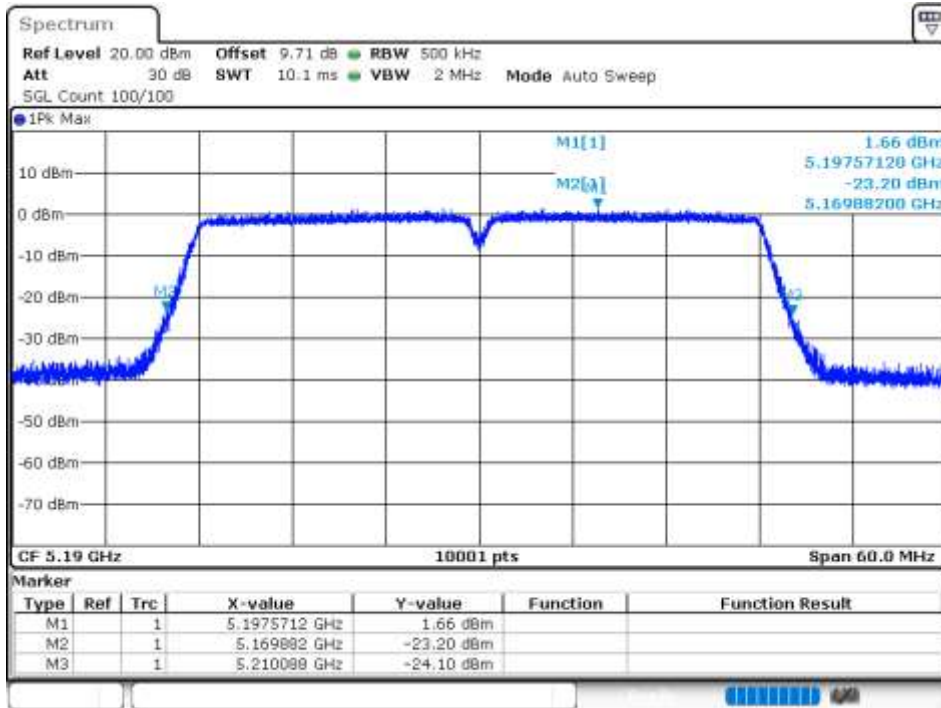


-26dB Bandwidth NVNT ac20 5240MHz Ant 2

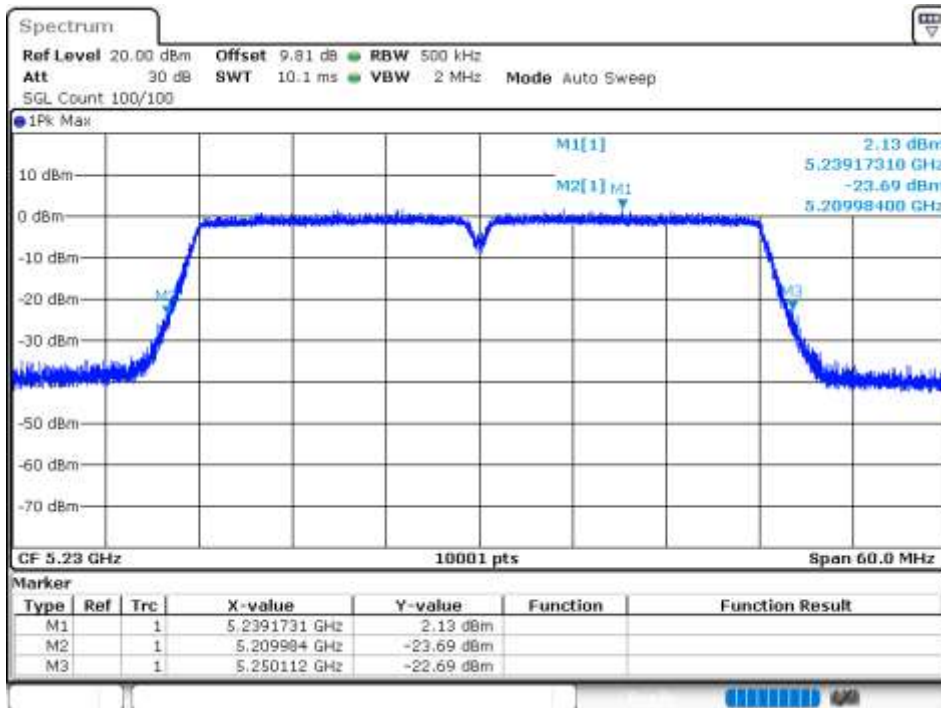


-26dB Bandwidth NVNT ac40 5190MHz Ant 1

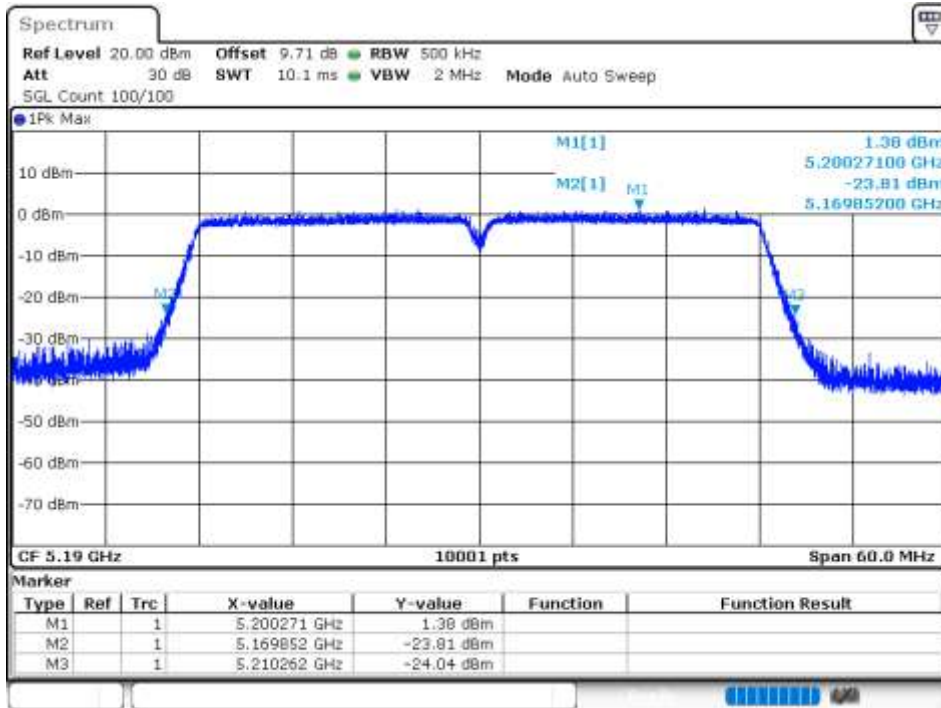




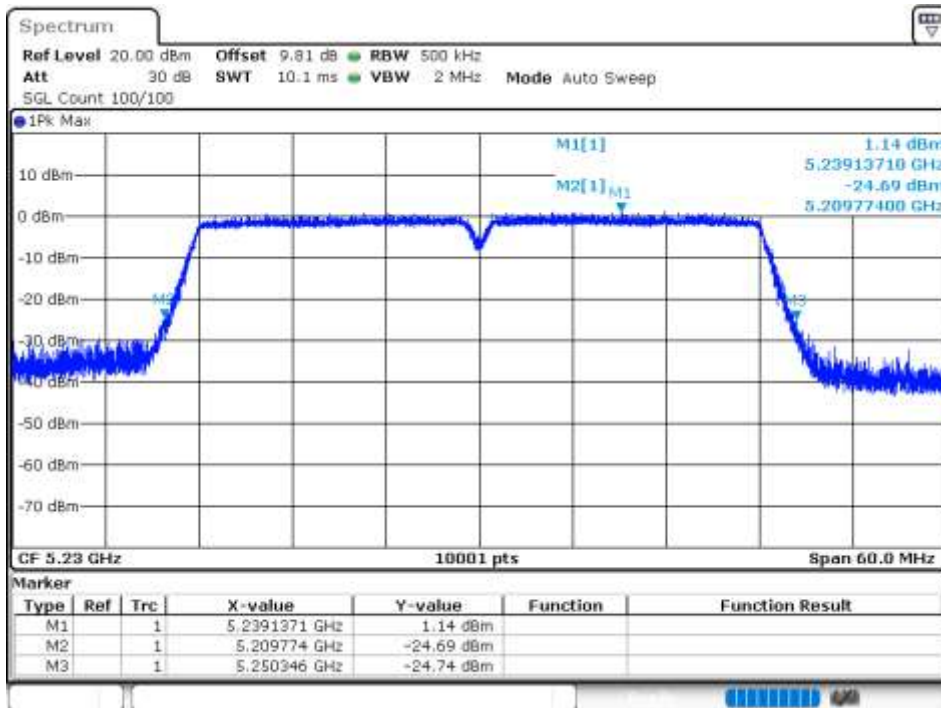
-26dB Bandwidth NVNT ac40 5230MHz Ant 1



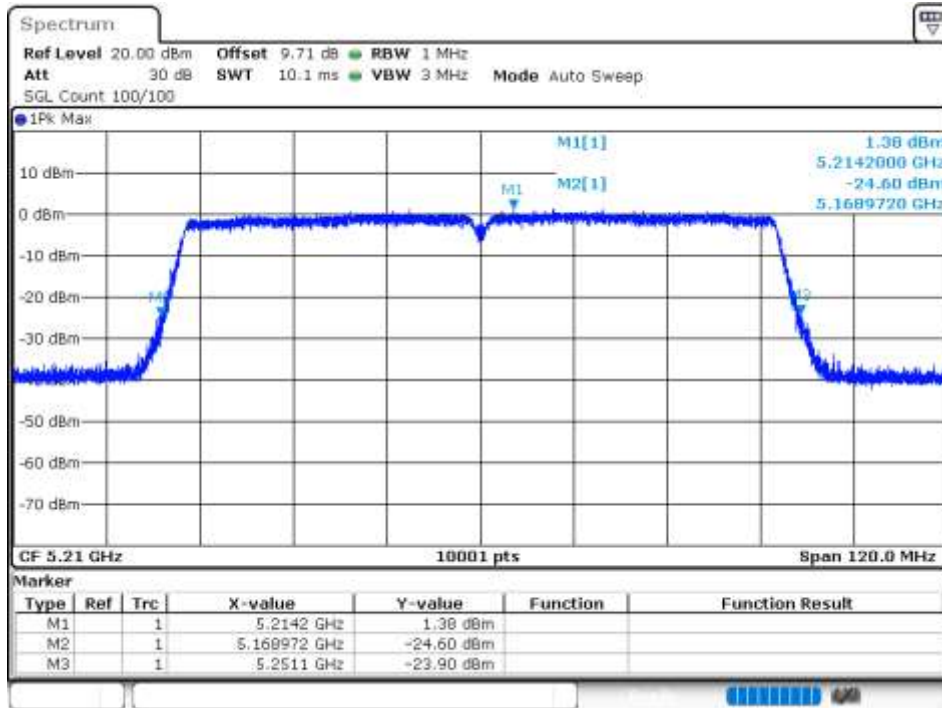
-26dB Bandwidth NVNT ac40 5190MHz Ant 2



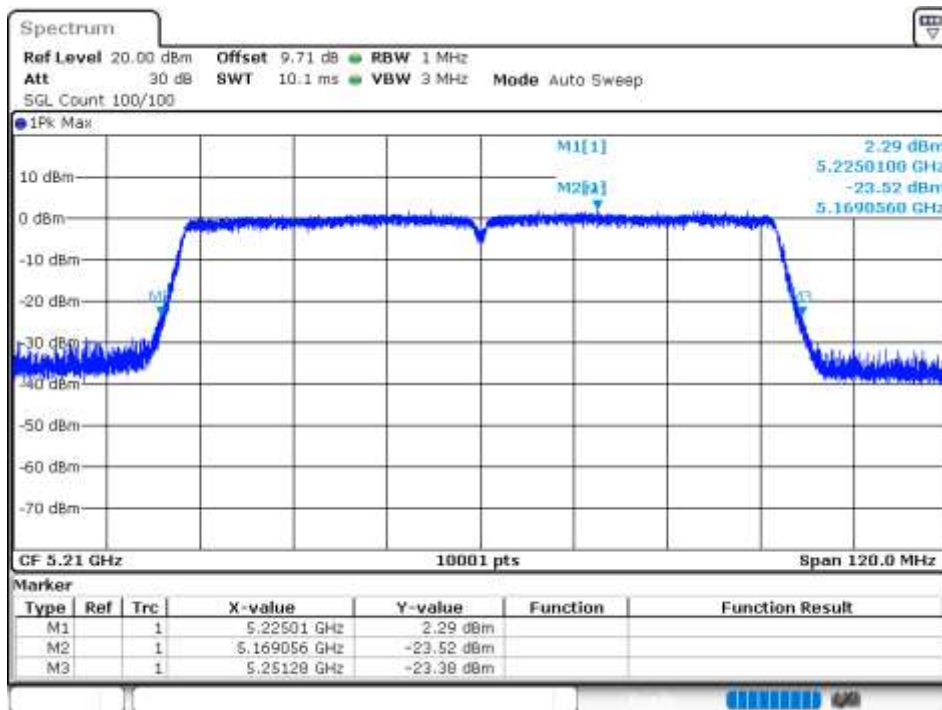
-26dB Bandwidth NVNT ac40 5230MHz Ant 2



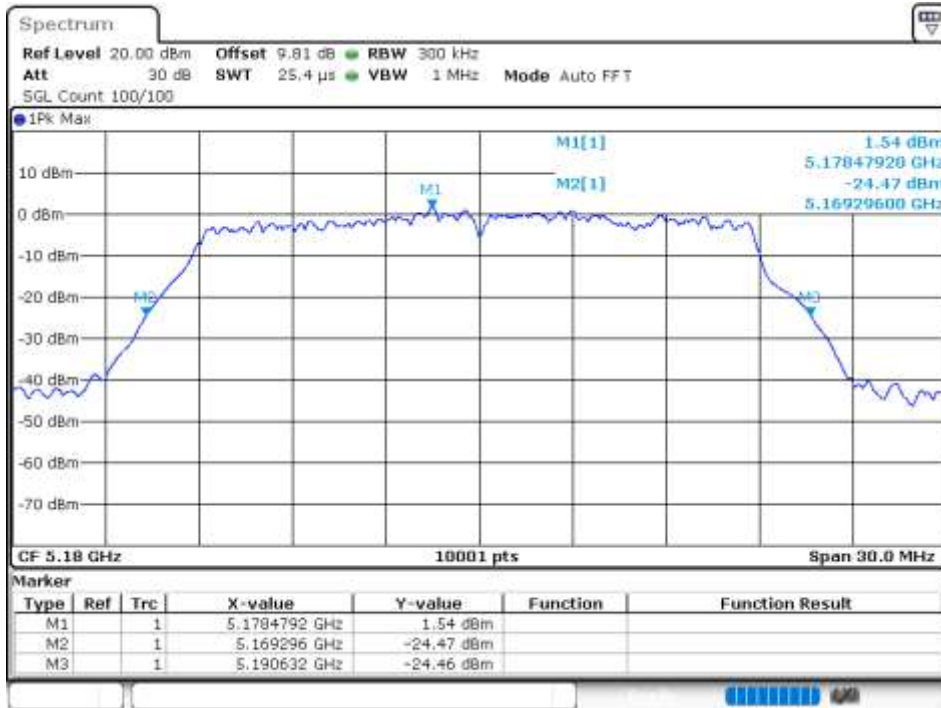
-26dB Bandwidth NVNT ac80 5210MHz Ant 1



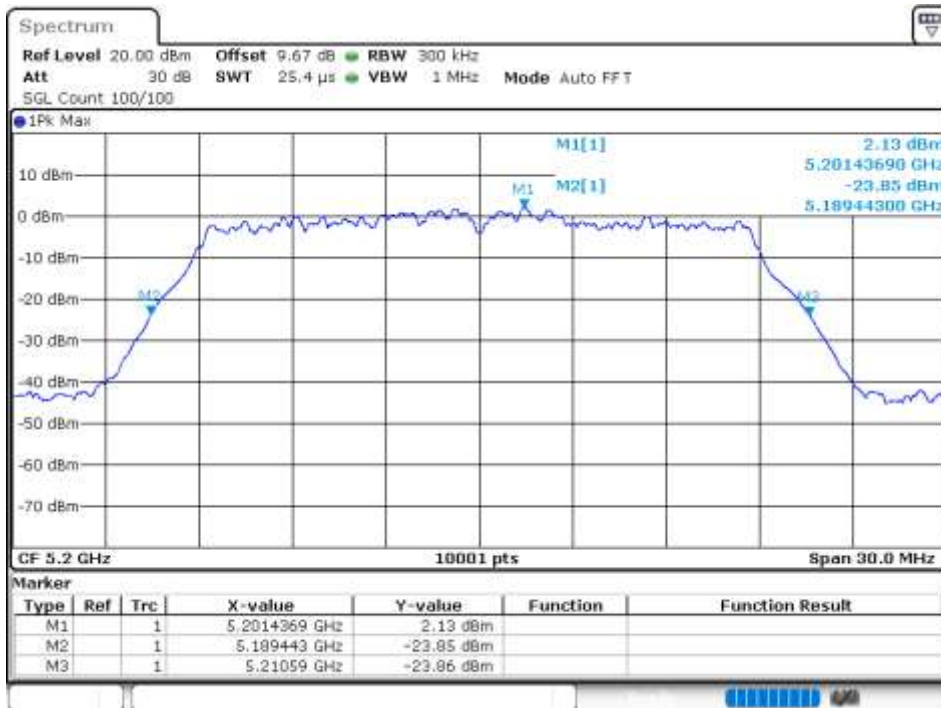
-26dB Bandwidth NVNT ac80 5210MHz Ant 2



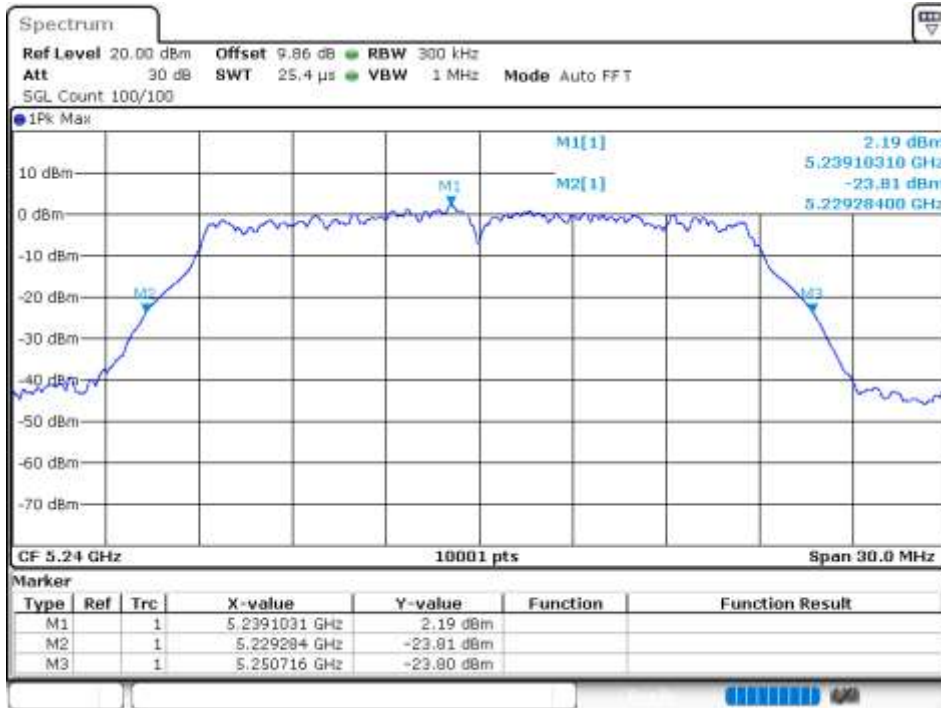
-26dB Bandwidth NVNT n20 5180MHz Ant 1



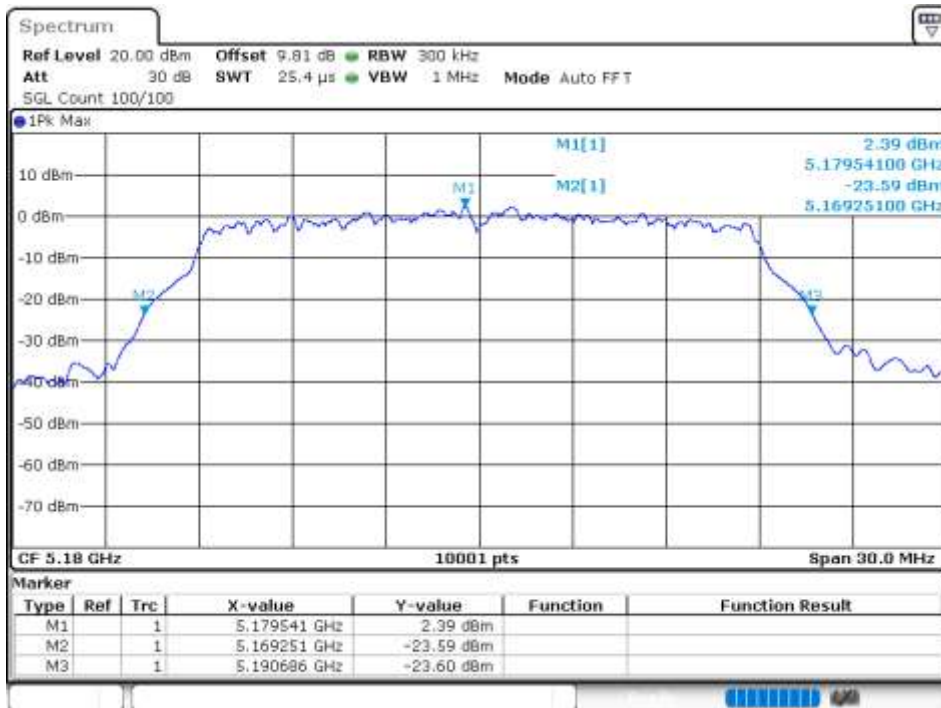
-26dB Bandwidth NVNT n20 5200MHz Ant 1



-26dB Bandwidth NVNT n20 5240MHz Ant 1

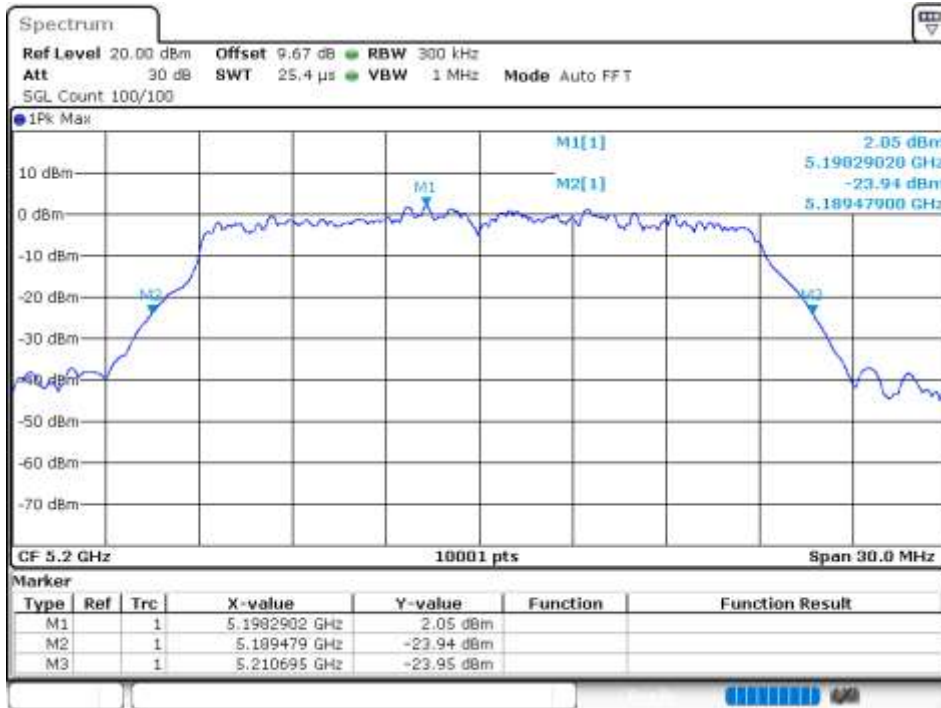


-26dB Bandwidth NVNT n20 5180MHz Ant 2

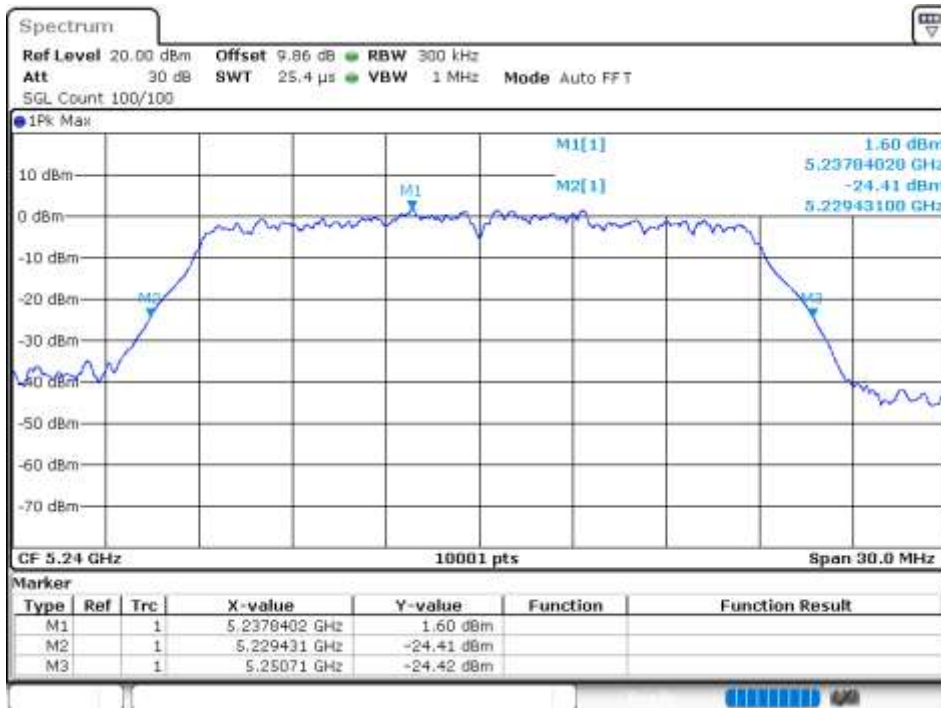


-26dB Bandwidth NVNT n20 5200MHz Ant 2

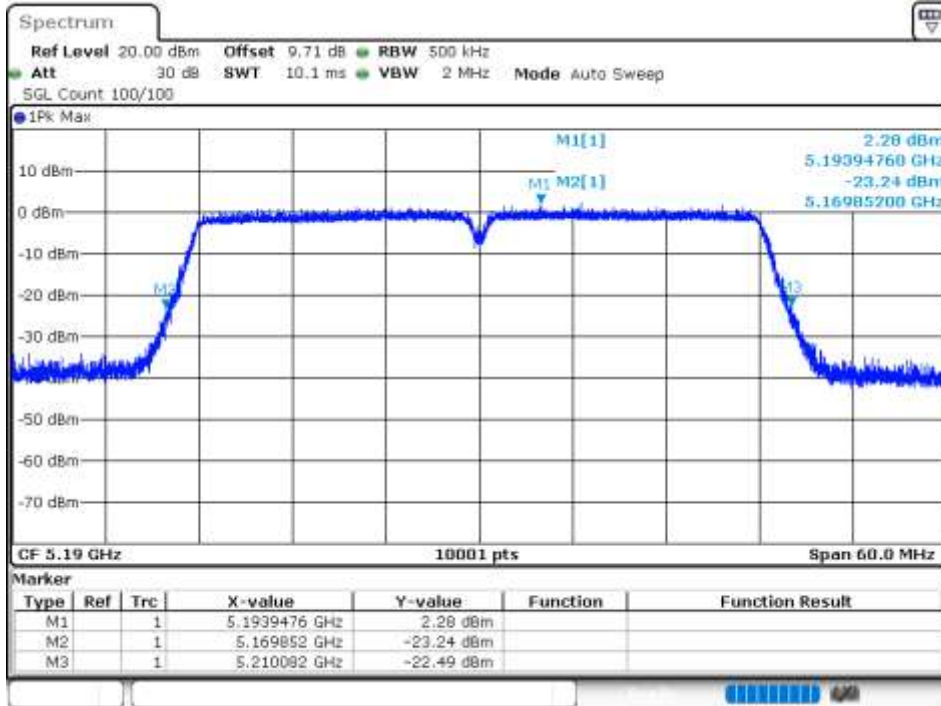




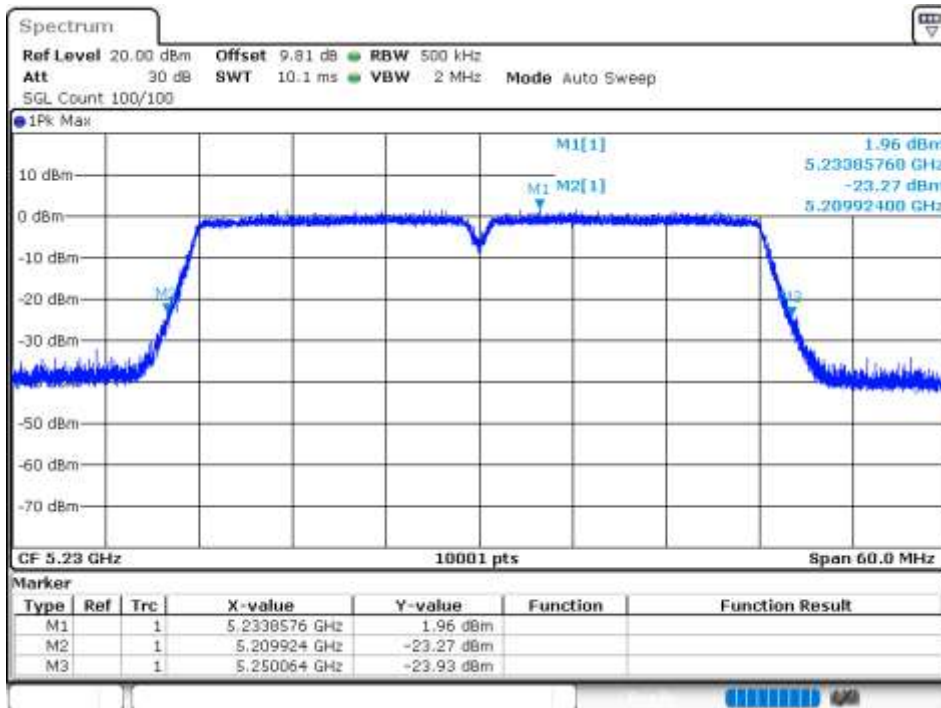
-26dB Bandwidth NVNT n20 5240MHz Ant 2



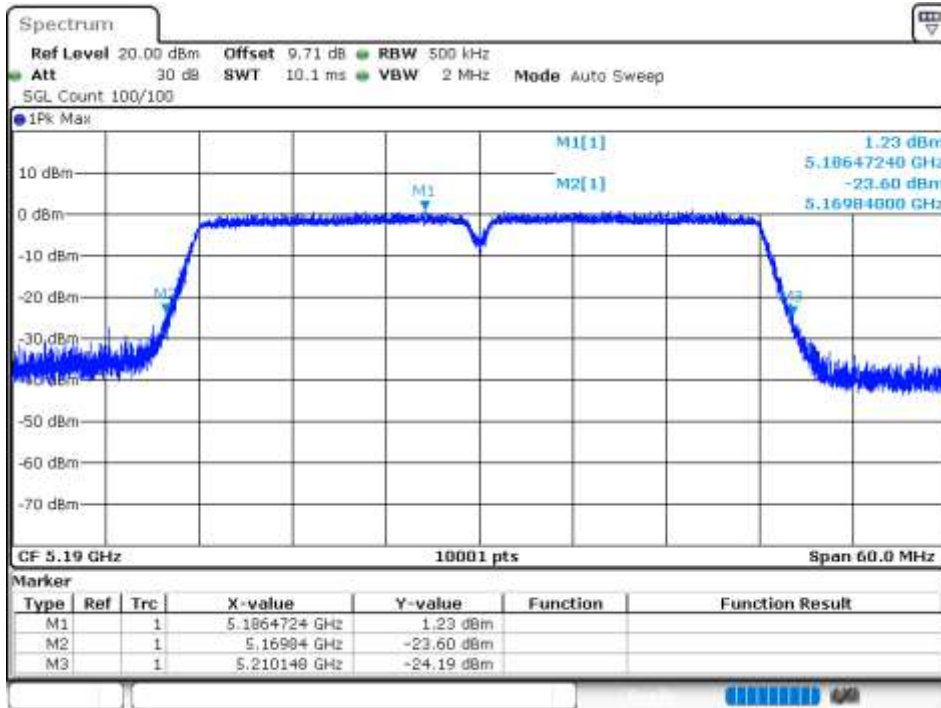
-26dB Bandwidth NVNT n40 5190MHz Ant 1



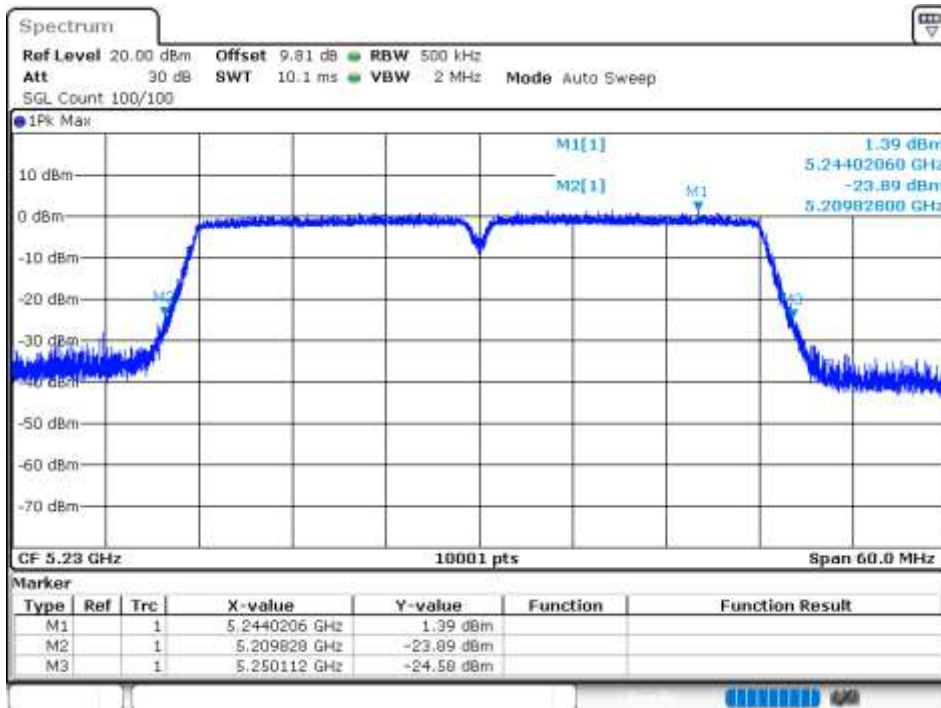
-26dB Bandwidth NVNT n40 5230MHz Ant 1



-26dB Bandwidth NVNT n40 5190MHz Ant 2



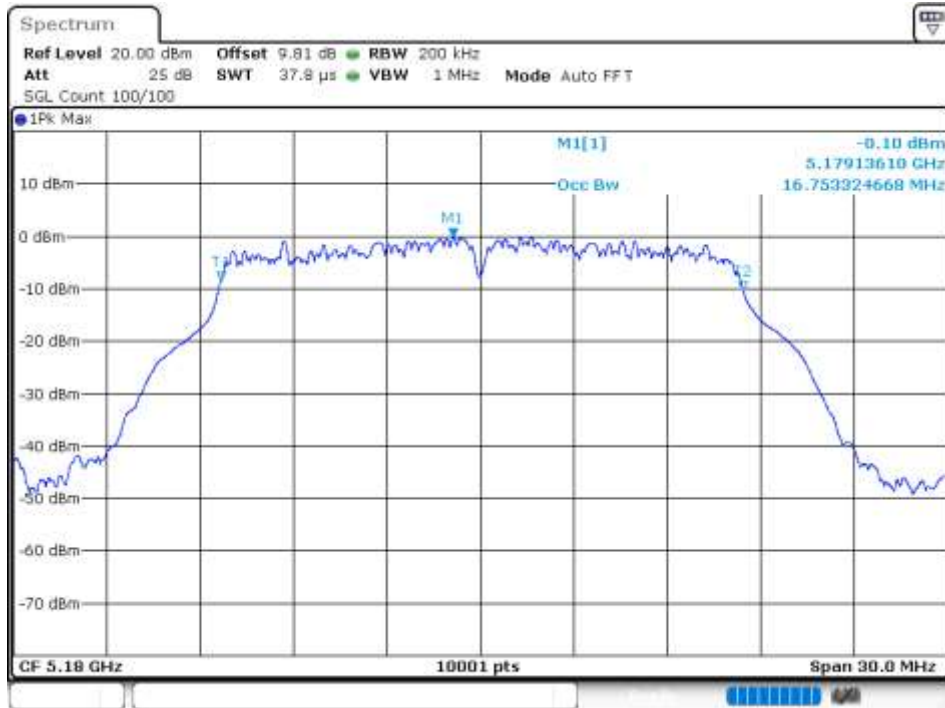
-26dB Bandwidth NVNT n40 5230MHz Ant 2



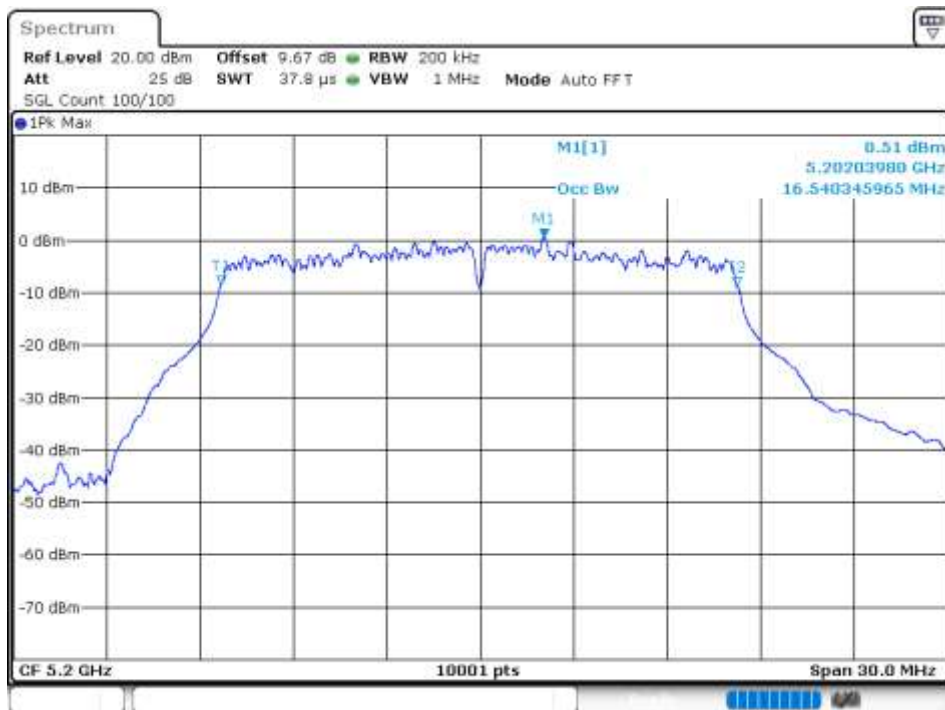
**Occupied Channel Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant 1	16.753
NVNT	a	5200	Ant 1	16.54
NVNT	a	5240	Ant 1	16.753
NVNT	a	5180	Ant 2	16.672
NVNT	a	5200	Ant 2	16.426
NVNT	a	5240	Ant 2	16.645
NVNT	ac20	5180	Ant 1	17.869
NVNT	ac20	5200	Ant 1	17.608
NVNT	ac20	5240	Ant 1	17.779
NVNT	ac20	5180	Ant 2	17.818
NVNT	ac20	5200	Ant 2	17.8
NVNT	ac20	5240	Ant 2	17.752
NVNT	ac40	5190	Ant 1	36.38
NVNT	ac40	5230	Ant 1	36.41
NVNT	ac40	5190	Ant 2	36.41
NVNT	ac40	5230	Ant 2	36.404
NVNT	ac80	5210	Ant 1	75.736
NVNT	ac80	5210	Ant 2	75.772
NVNT	n20	5180	Ant 1	17.737
NVNT	n20	5200	Ant 1	17.626
NVNT	n20	5240	Ant 1	17.653
NVNT	n20	5180	Ant 2	17.761
NVNT	n20	5200	Ant 2	17.827
NVNT	n20	5240	Ant 2	17.8
NVNT	n40	5190	Ant 1	36.398
NVNT	n40	5230	Ant 1	36.38
NVNT	n40	5190	Ant 2	36.38
NVNT	n40	5230	Ant 2	36.398

OBW NVNT a 5180MHz Ant 1

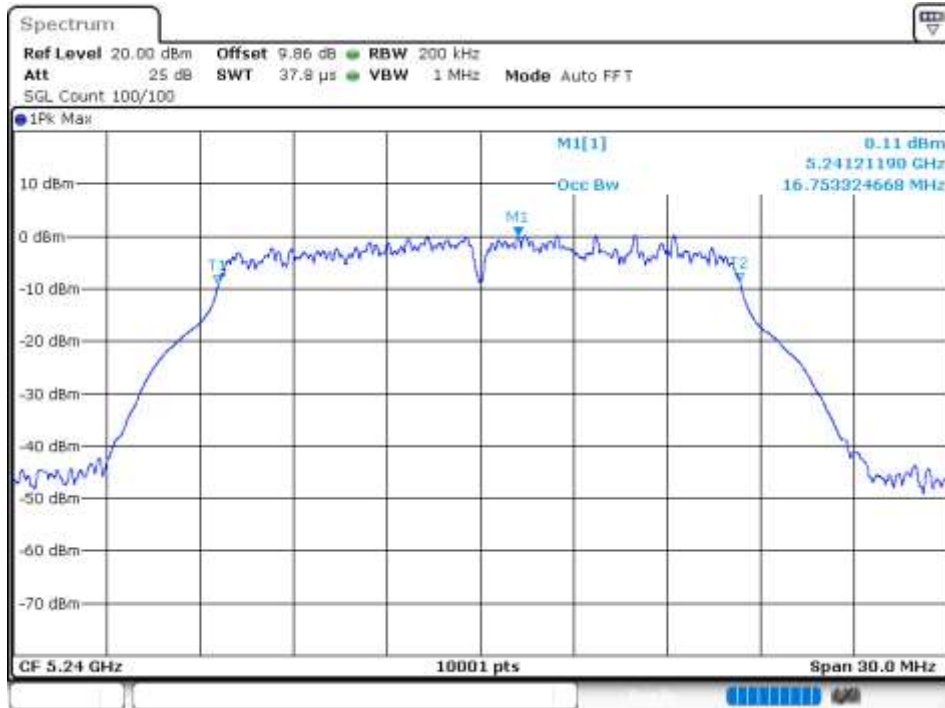


OBW NVNT a 5200MHz Ant 1

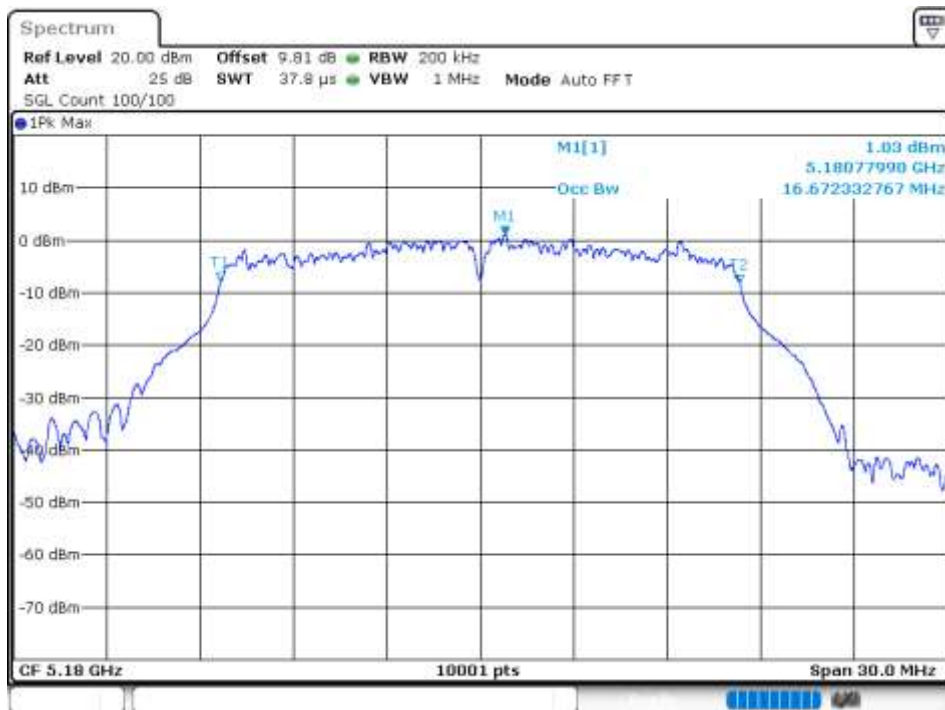


OBW NVNT a 5240MHz Ant 1

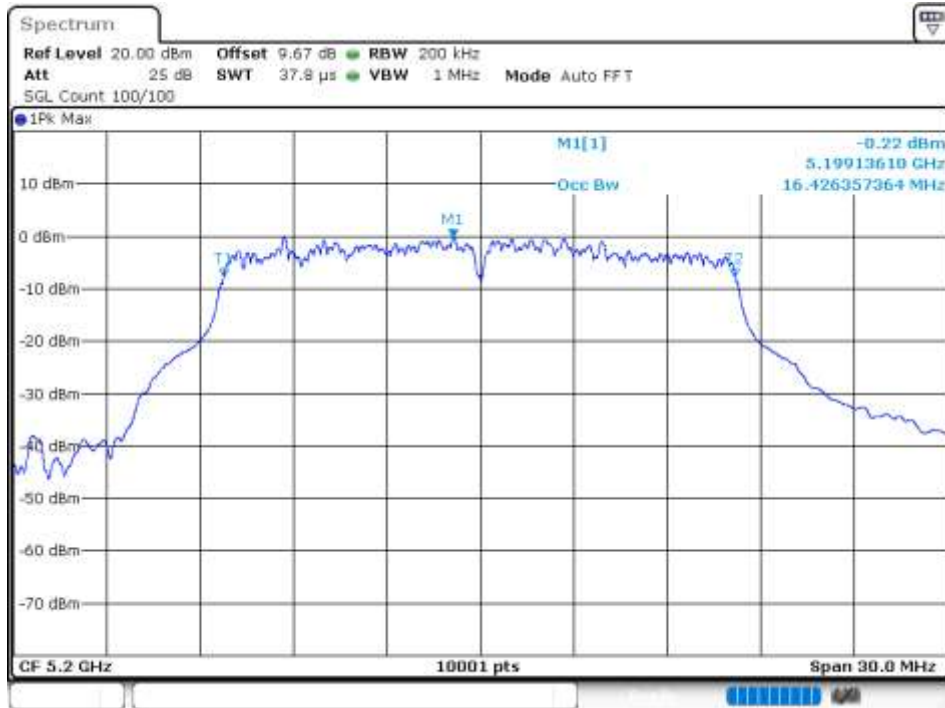




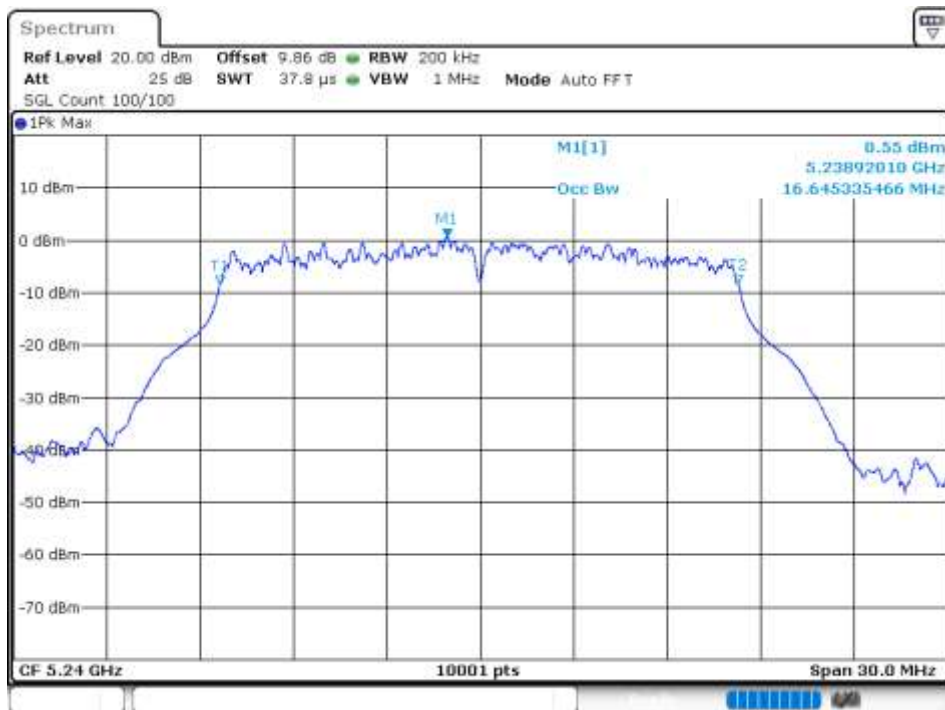
OBW NVNT a 5180MHz Ant 2



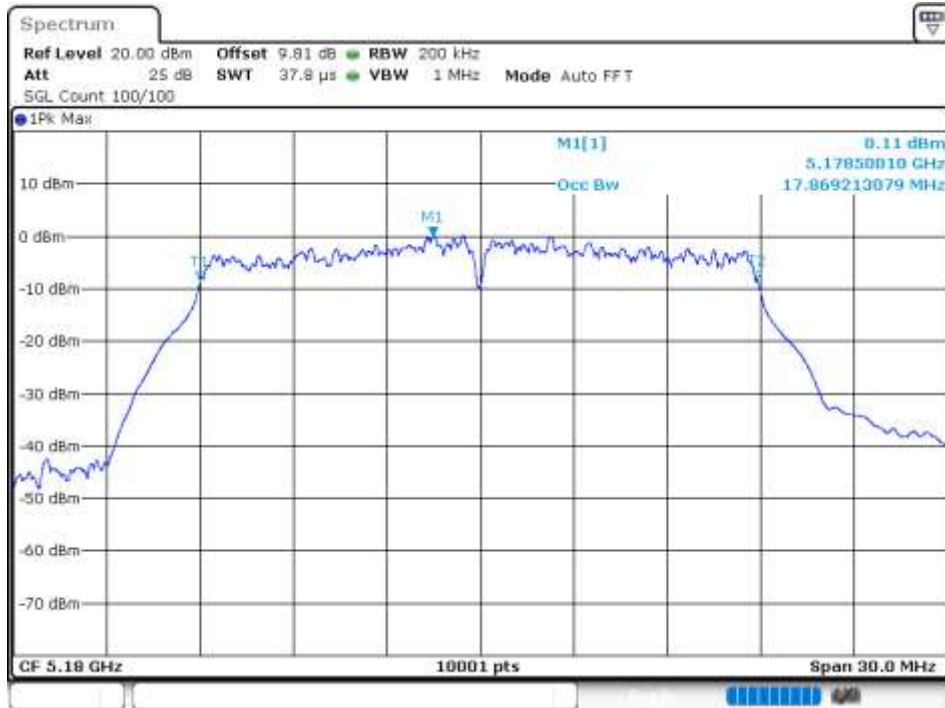
OBW NVNT a 5200MHz Ant 2



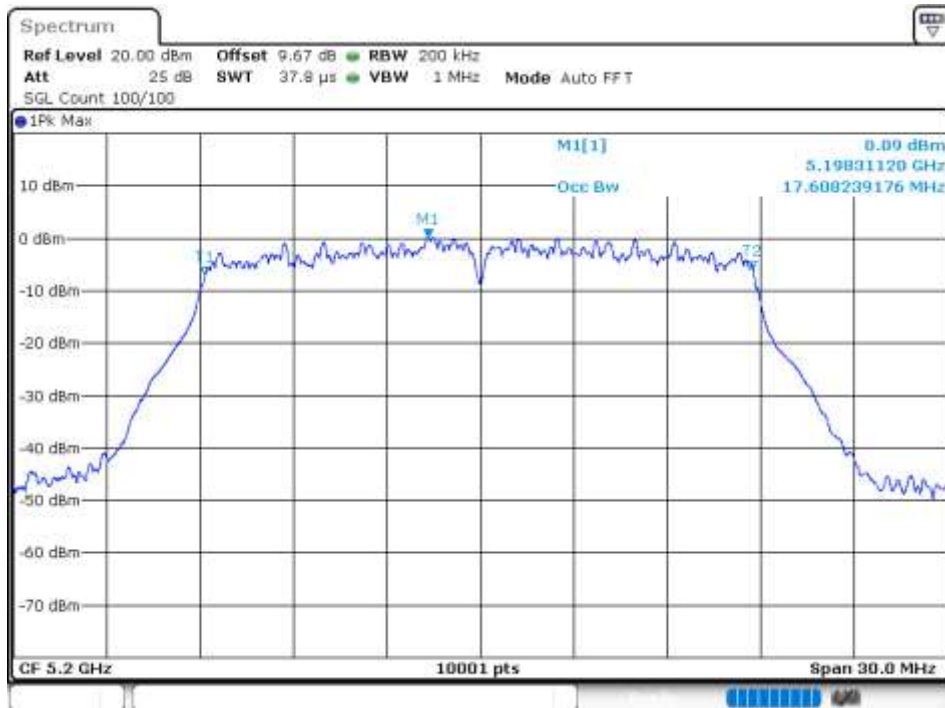
OBW NVNT a 5240MHz Ant 2



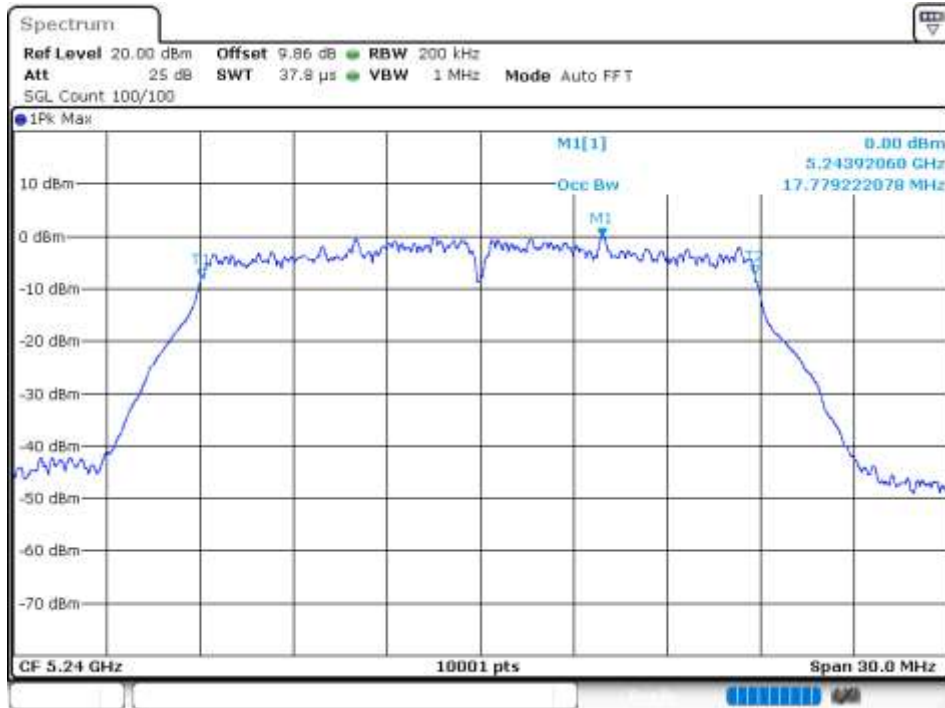
OBW NVNT ac20 5180MHz Ant 1



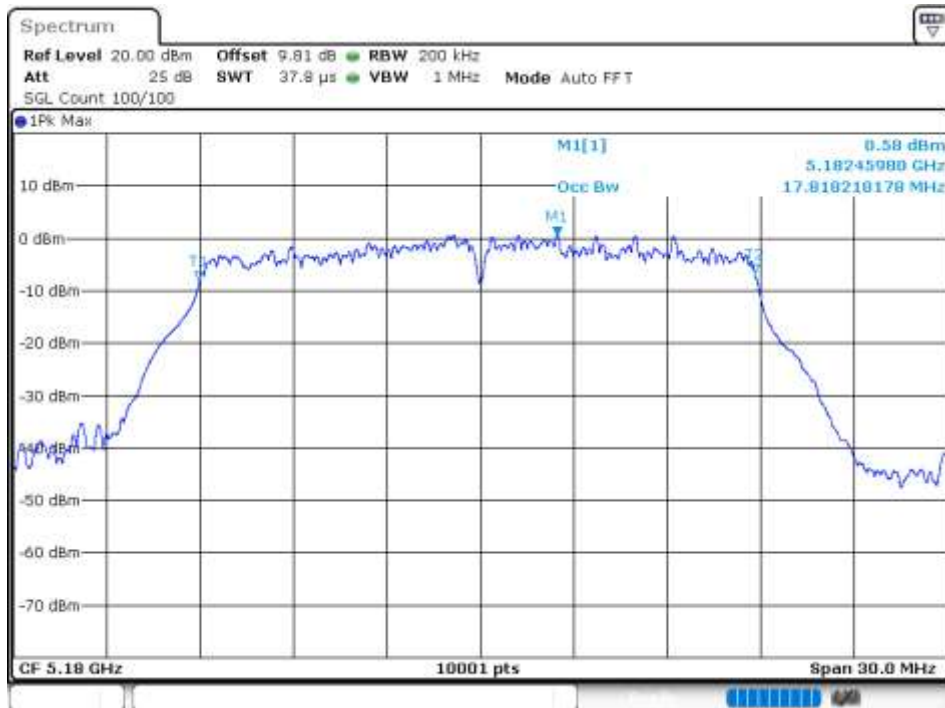
OBW NVNT ac20 5200MHz Ant 1



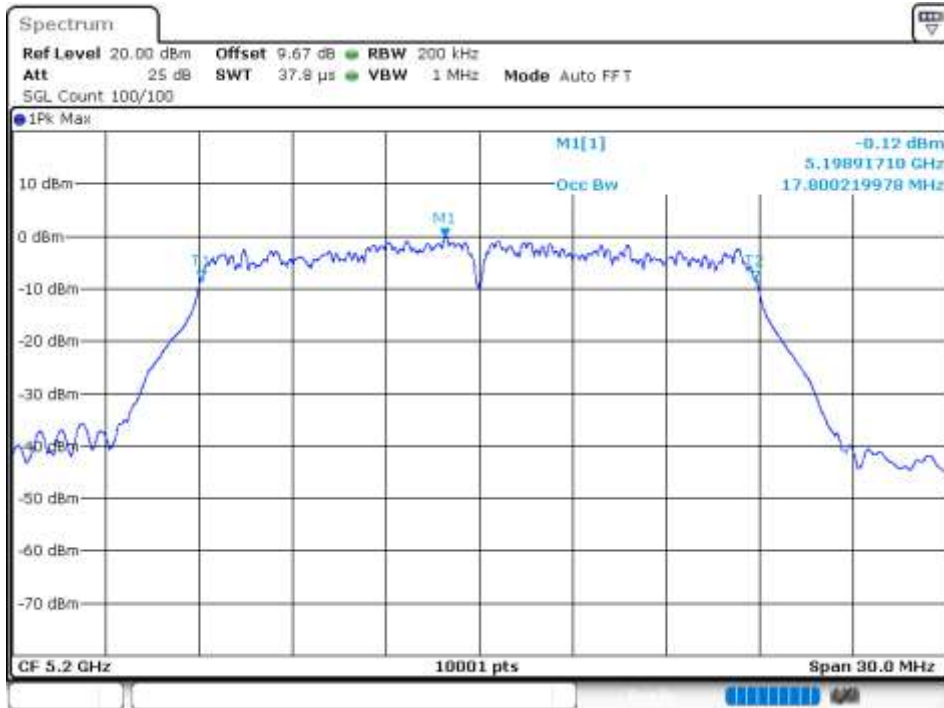
OBW NVNT ac20 5240MHz Ant 1



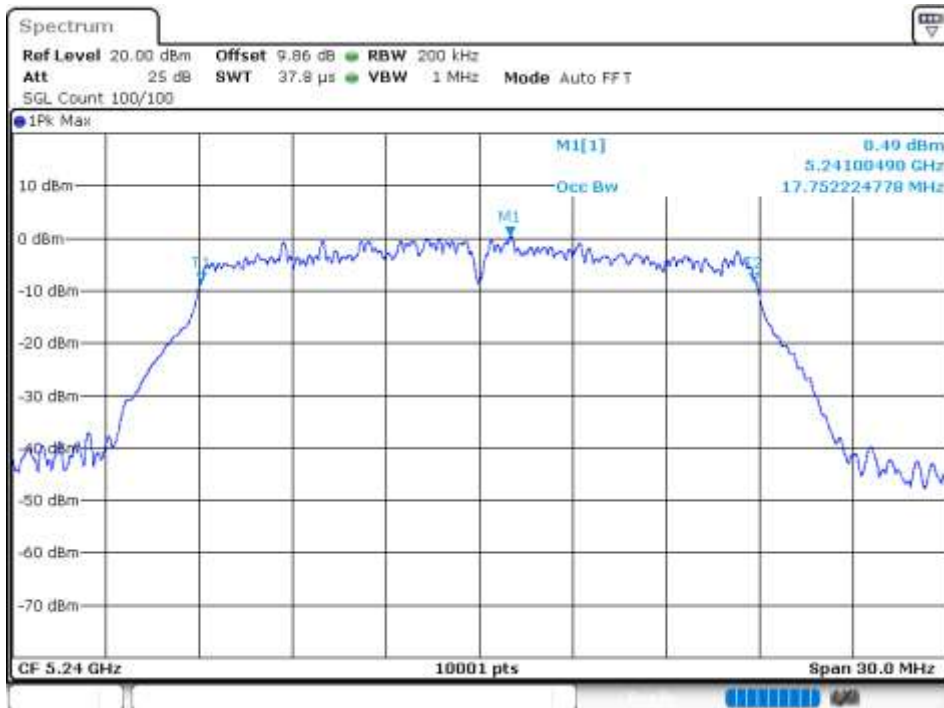
OBW NVNT ac20 5180MHz Ant 2



OBW NVNT ac20 5200MHz Ant 2

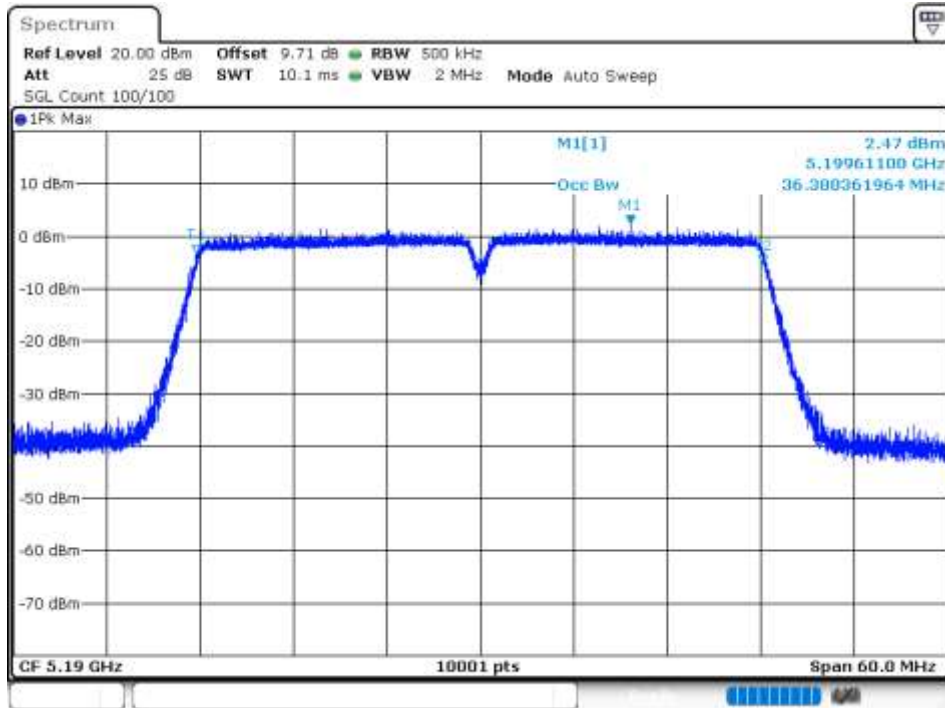


OBW NVNT ac20 5240MHz Ant 2

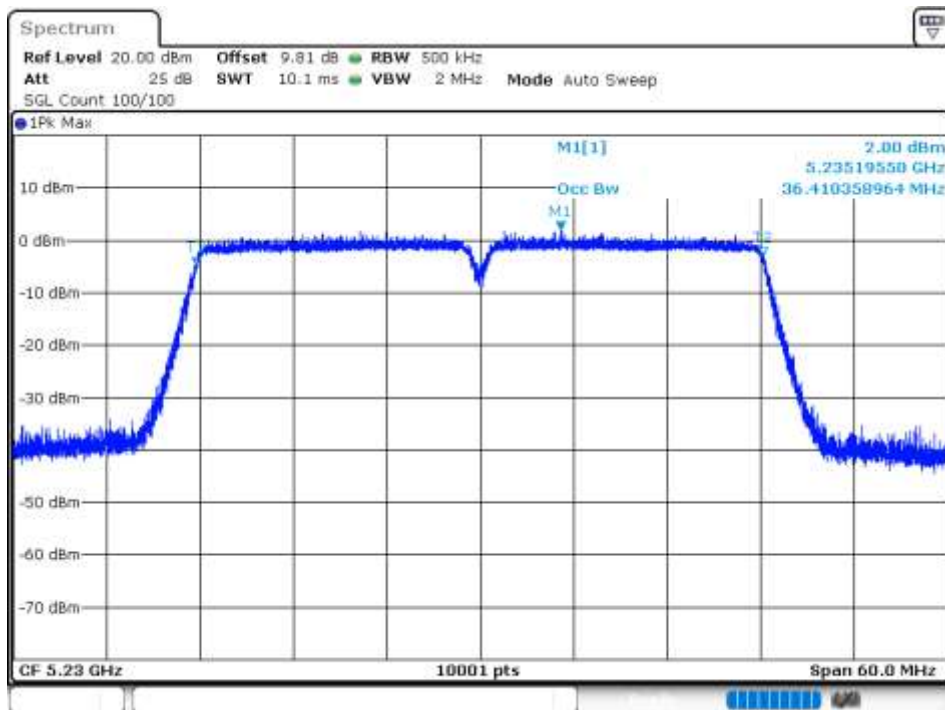


OBW NVNT ac40 5190MHz Ant 1

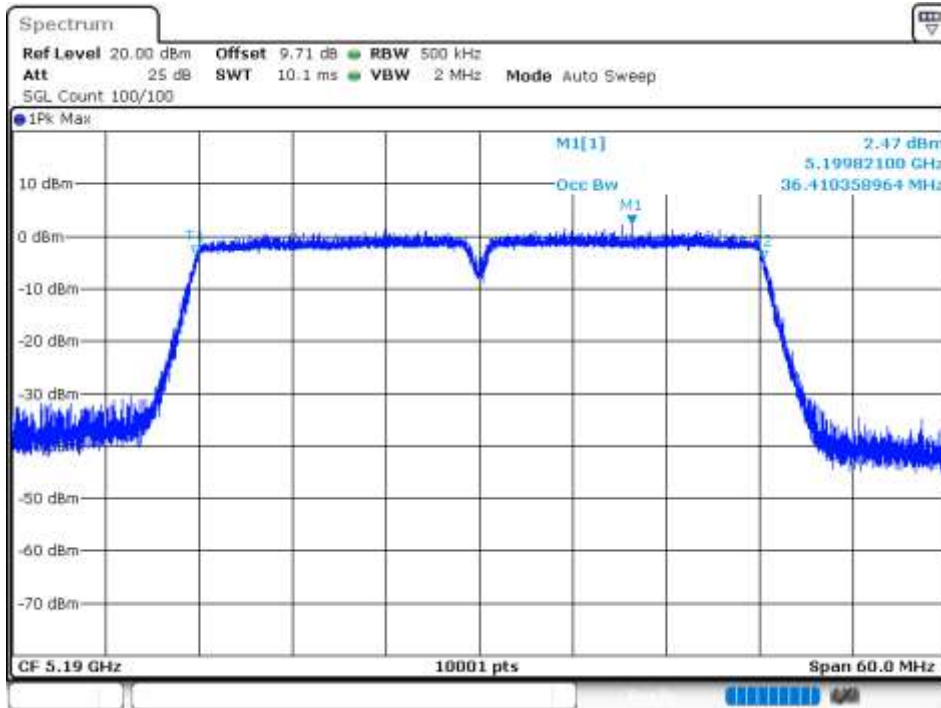




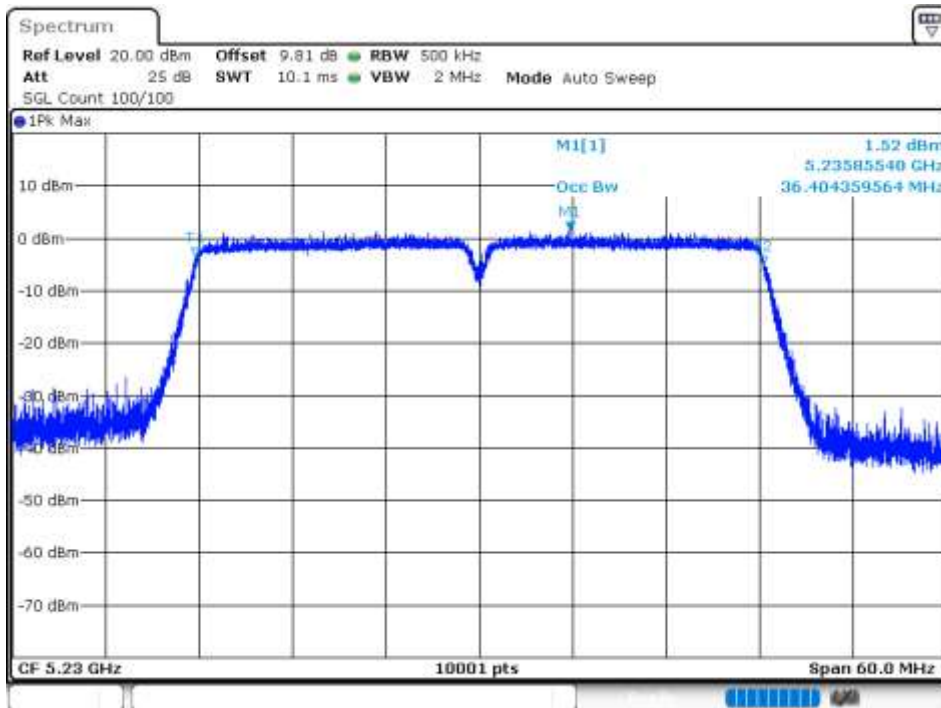
OBW NVNT ac40 5230MHz Ant 1



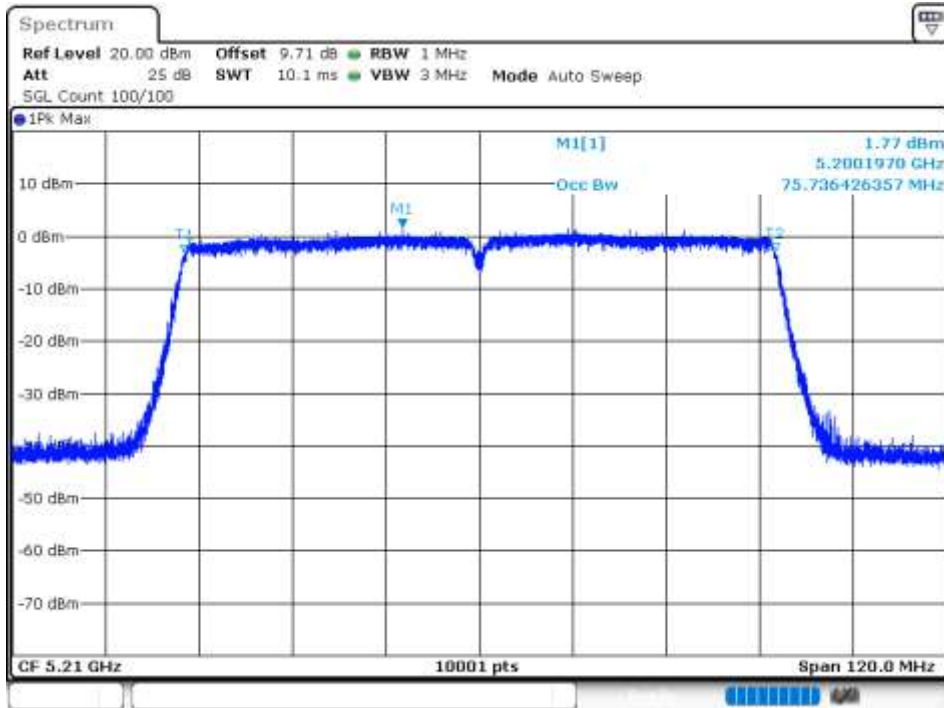
OBW NVNT ac40 5190MHz Ant 2



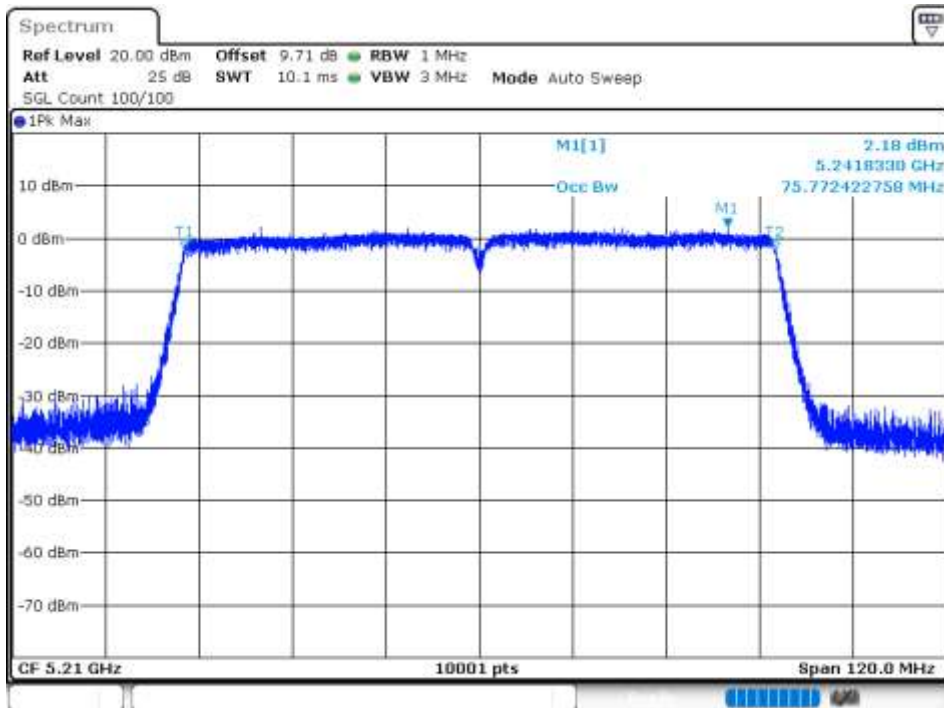
OBW NVNT ac40 5230MHz Ant 2



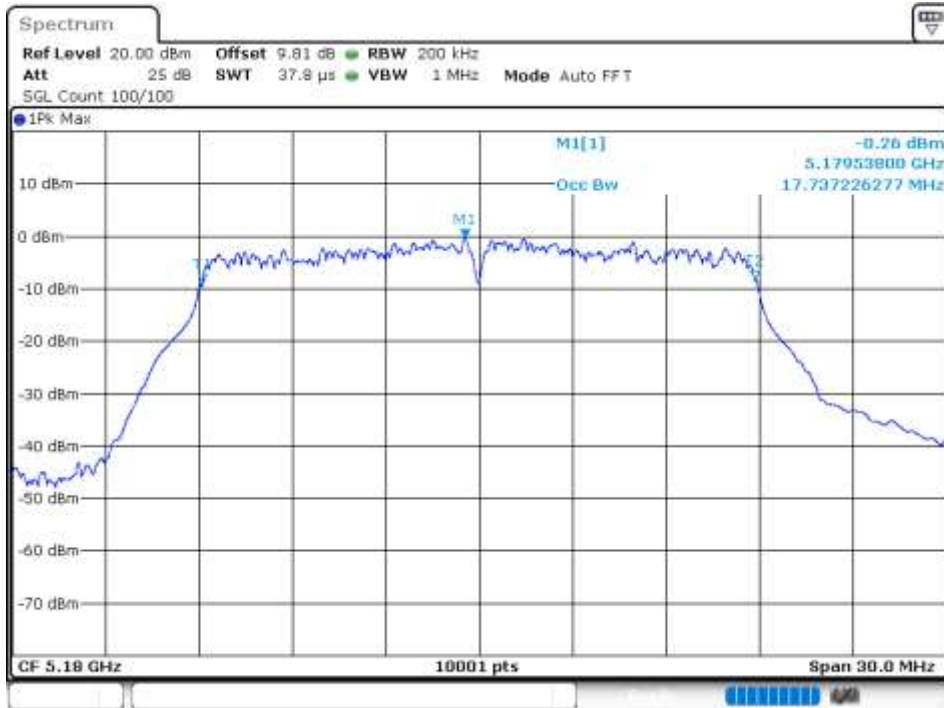
OBW NVNT ac80 5210MHz Ant 1



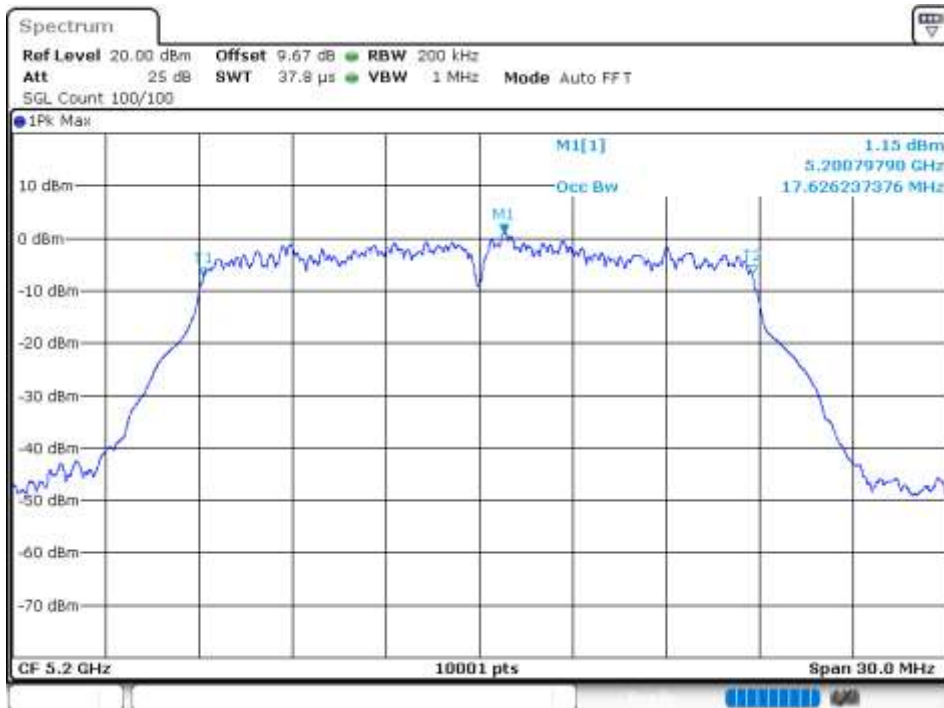
OBW NVNT ac80 5210MHz Ant 2



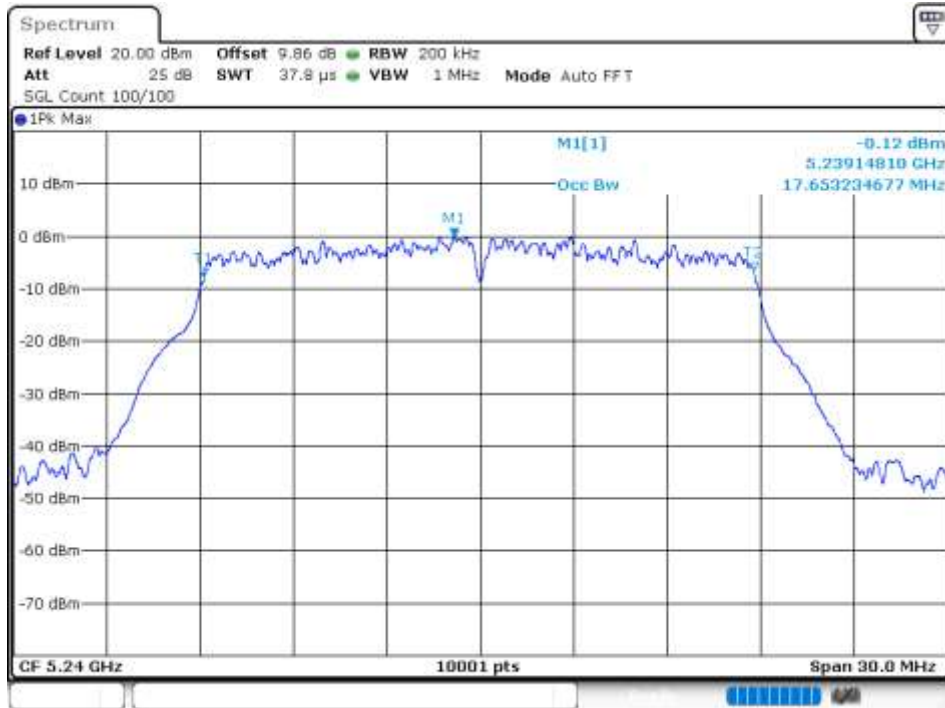
OBW NVNT n20 5180MHz Ant 1



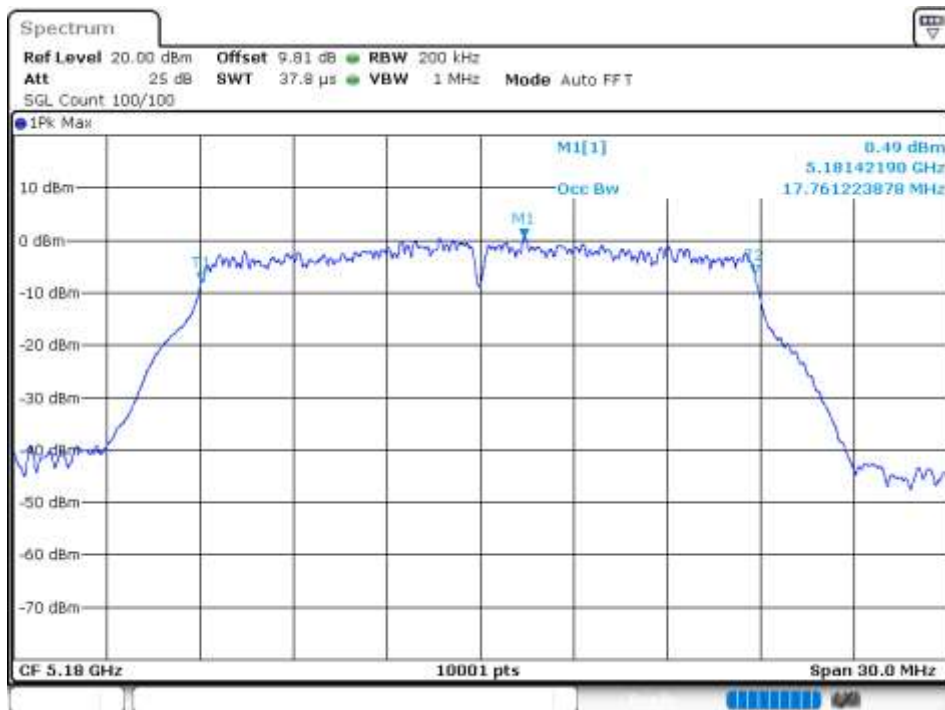
OBW NVNT n20 5200MHz Ant 1



OBW NVNT n20 5240MHz Ant 1

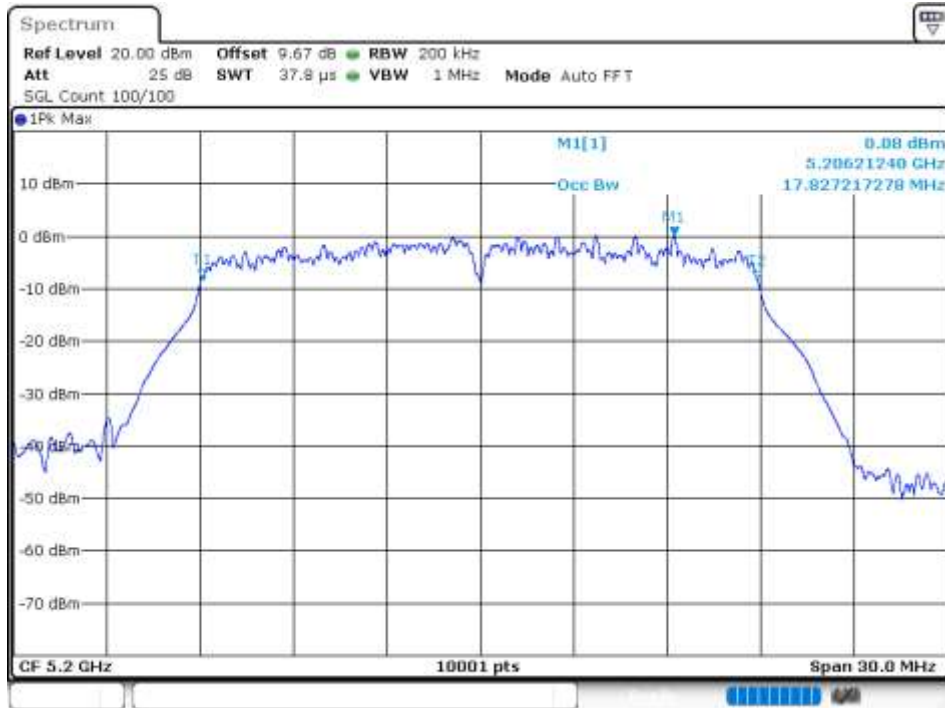


OBW NVNT n20 5180MHz Ant 2

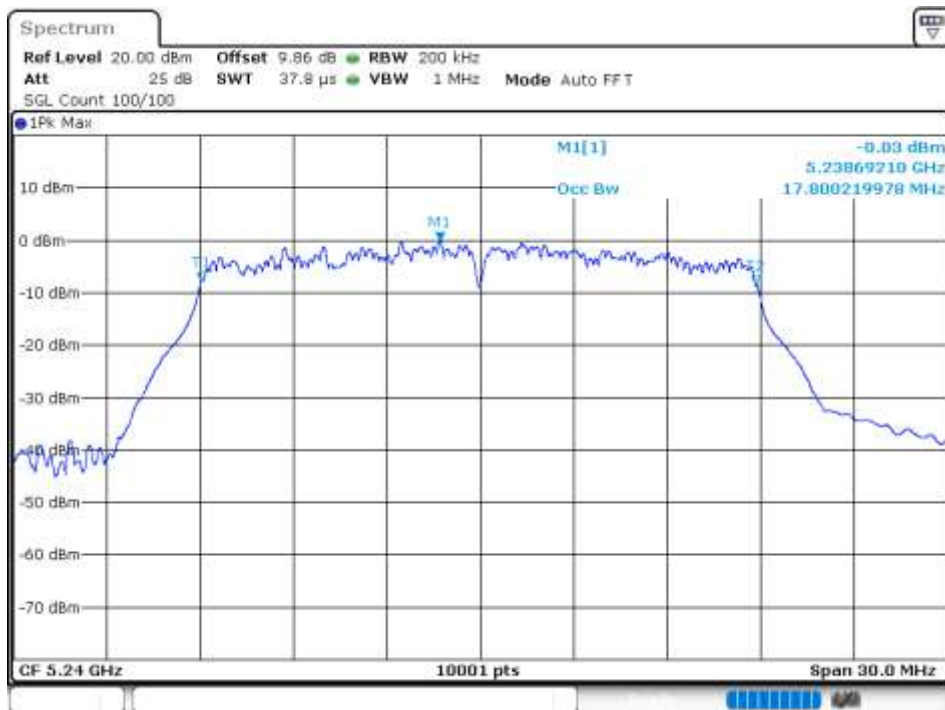


OBW NVNT n20 5200MHz Ant 2

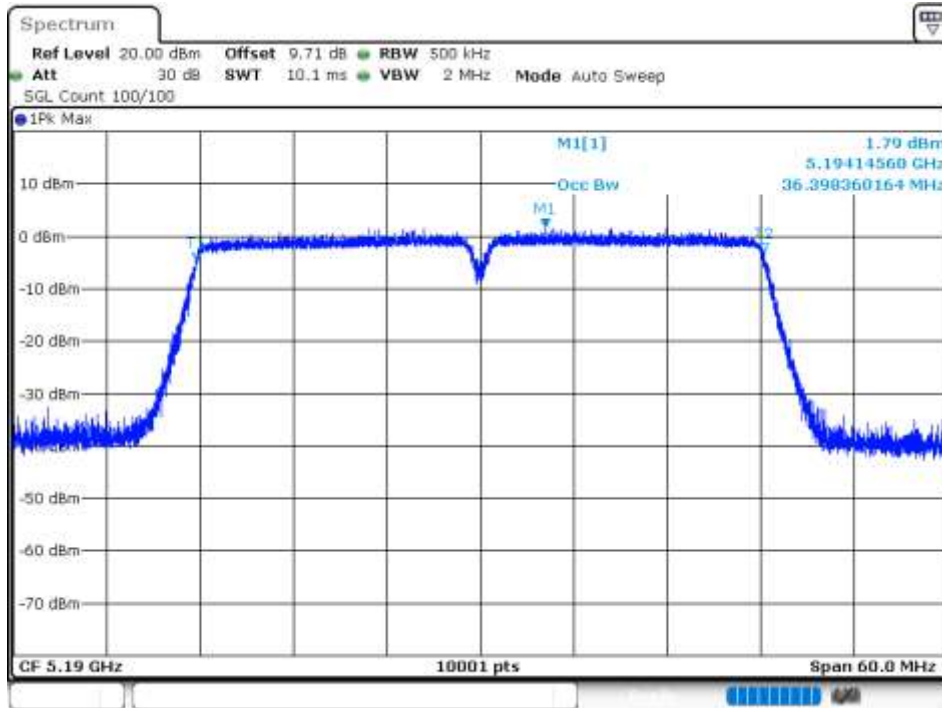




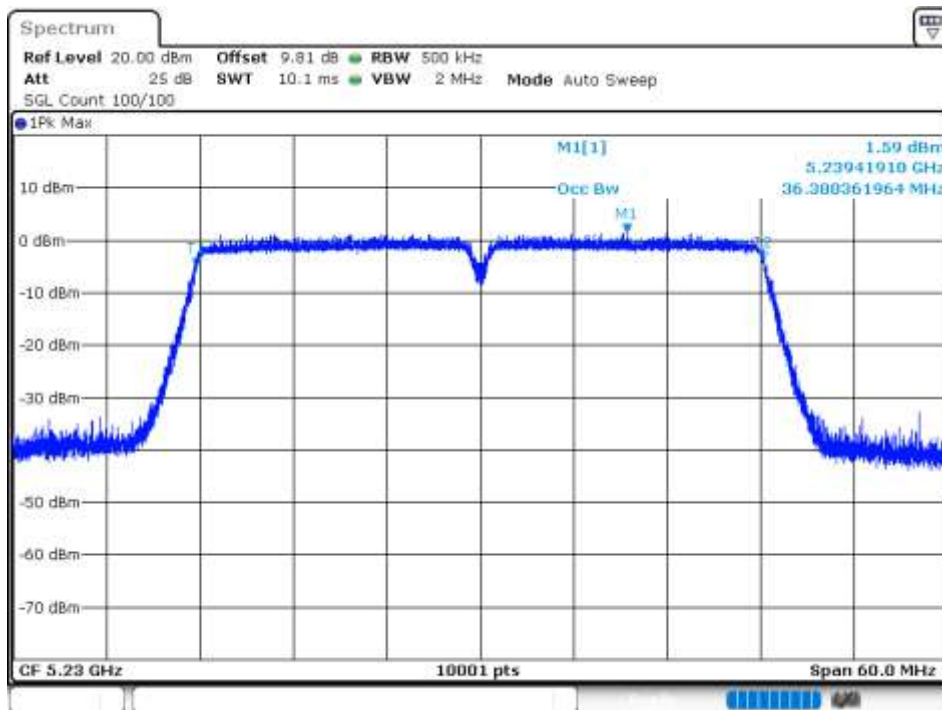
OBW NVNT n20 5240MHz Ant 2



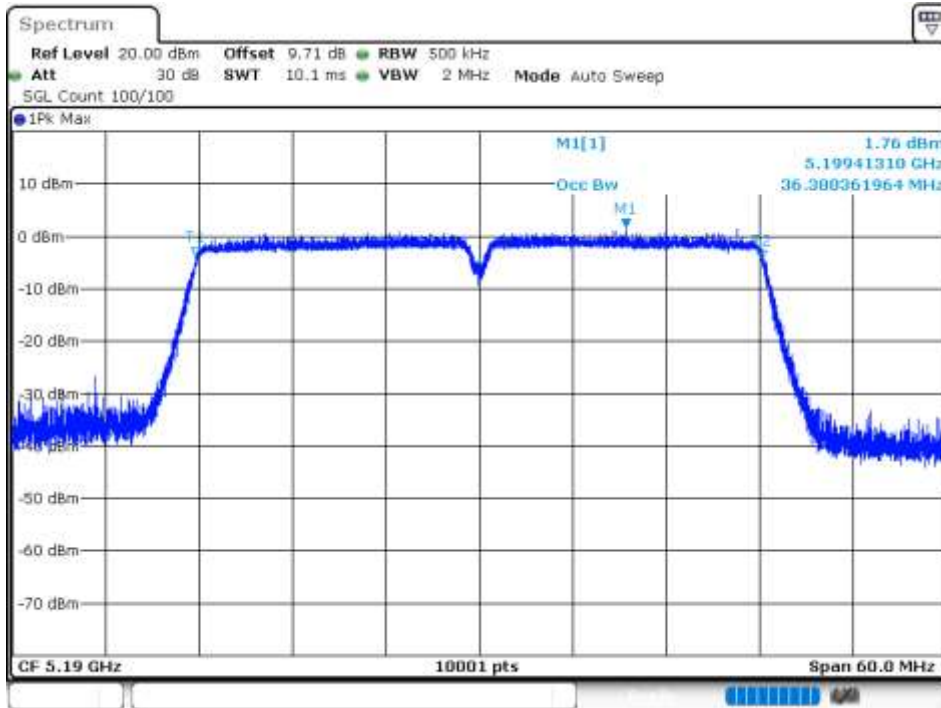
OBW NVNT n40 5190MHz Ant 1



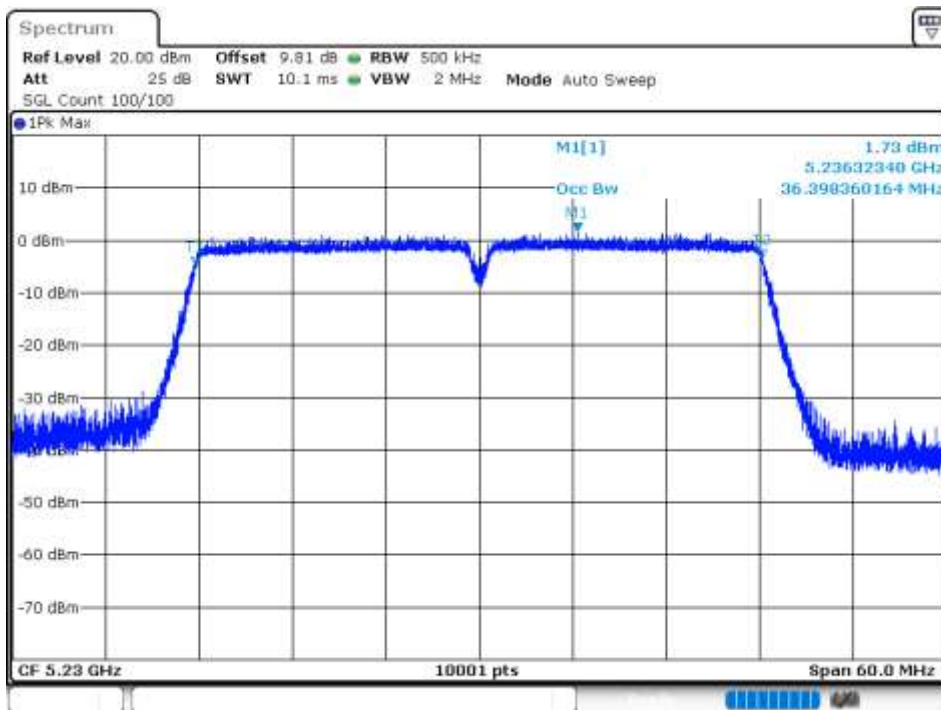
OBW NVNT n40 5230MHz Ant 1



OBW NVNT n40 5190MHz Ant 2



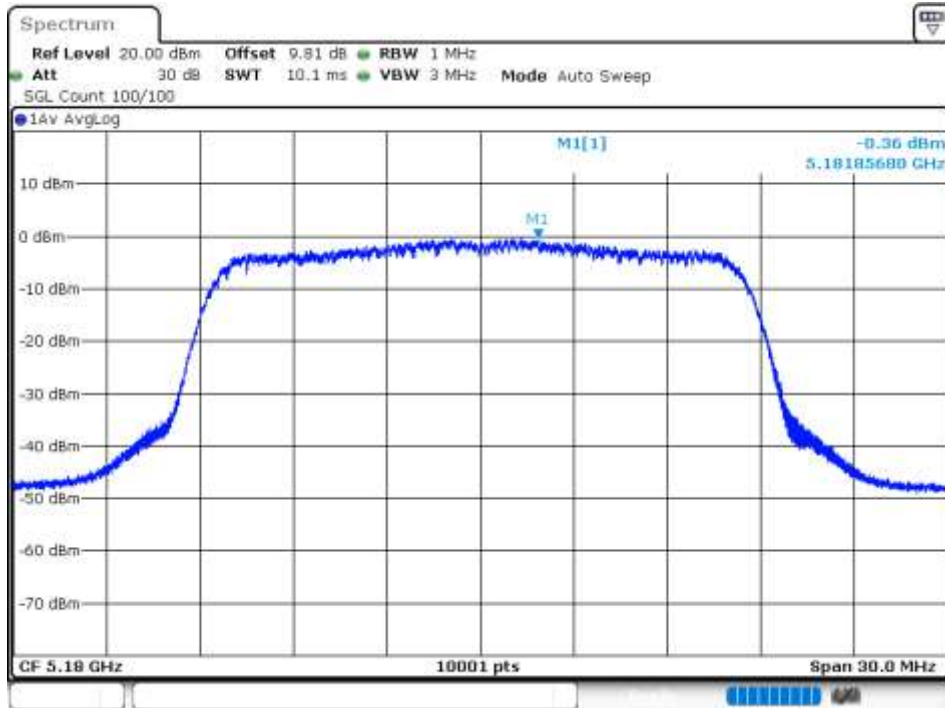
OBW NVNT n40 5230MHz Ant 2



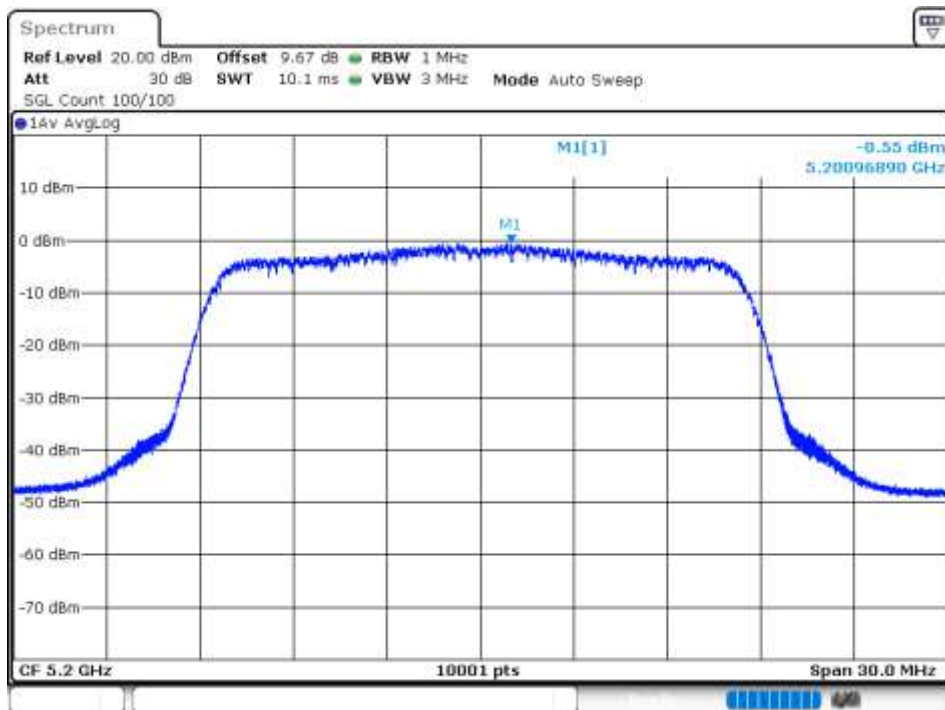
**Maximum Power Spectral Density Level**

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	MIMO PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant 1	-0.36	0.02	-0.34	N/A	11.00	Pass
NVNT	a	5180	Ant 2	0.49	0.02	0.51			
NVNT	a	5200	Ant 1	-0.55	0.02	-0.53	N/A	11.00	Pass
NVNT	a	5200	Ant 2	-0.77	0.02	-0.75			
NVNT	a	5240	Ant 1	-0.39	0.02	-0.37	N/A	11.00	Pass
NVNT	a	5240	Ant 2	-0.31	0.02	-0.29			
NVNT	ac20	5180	Ant 1	-0.93	0.02	-0.91	2.55	9.82	Pass
NVNT	ac20	5180	Ant 2	-0.07	0.02	-0.05			
NVNT	ac20	5200	Ant 1	-0.91	0.02	-0.89	2.09	9.82	Pass
NVNT	ac20	5200	Ant 2	-0.97	0.02	-0.95			
NVNT	ac20	5240	Ant 1	-0.77	0.02	-0.75	2.19	9.82	Pass
NVNT	ac20	5240	Ant 2	-0.92	0.02	-0.9			
NVNT	ac40	5190	Ant 1	-4.48	0.03	-4.45	-1.45	9.82	Pass
NVNT	ac40	5190	Ant 2	-4.5	0.03	-4.47			
NVNT	ac40	5230	Ant 1	-4.58	0.03	-4.55	-1.66	9.82	Pass
NVNT	ac40	5230	Ant 2	-4.82	0.03	-4.79			
NVNT	ac80	5210	Ant 1	-8.66	0.02	-8.64	-5.36	9.82	Pass
NVNT	ac80	5210	Ant 2	-8.13	0.02	-8.11			
NVNT	n20	5180	Ant 1	-0.9	0.09	-0.81	2.35	9.82	Pass
NVNT	n20	5180	Ant 2	-0.61	0.1	-0.51			
NVNT	n20	5200	Ant 1	-1.14	0.09	-1.05	2.04	9.82	Pass
NVNT	n20	5200	Ant 2	-0.99	0.09	-0.9			
NVNT	n20	5240	Ant 1	-1.18	0.09	-1.09	1.94	9.82	Pass
NVNT	n20	5240	Ant 2	-1.15	0.09	-1.06			
NVNT	n40	5190	Ant 1	-4.54	0.03	-4.51	-1.65	9.82	Pass
NVNT	n40	5190	Ant 2	-4.84	0.03	-4.81			
NVNT	n40	5230	Ant 1	-4.75	0.04	-4.71	-1.84	9.82	Pass
NVNT	n40	5230	Ant 2	-5.02	0.02	-5			

PSD NVNT a 5180MHz Ant 1

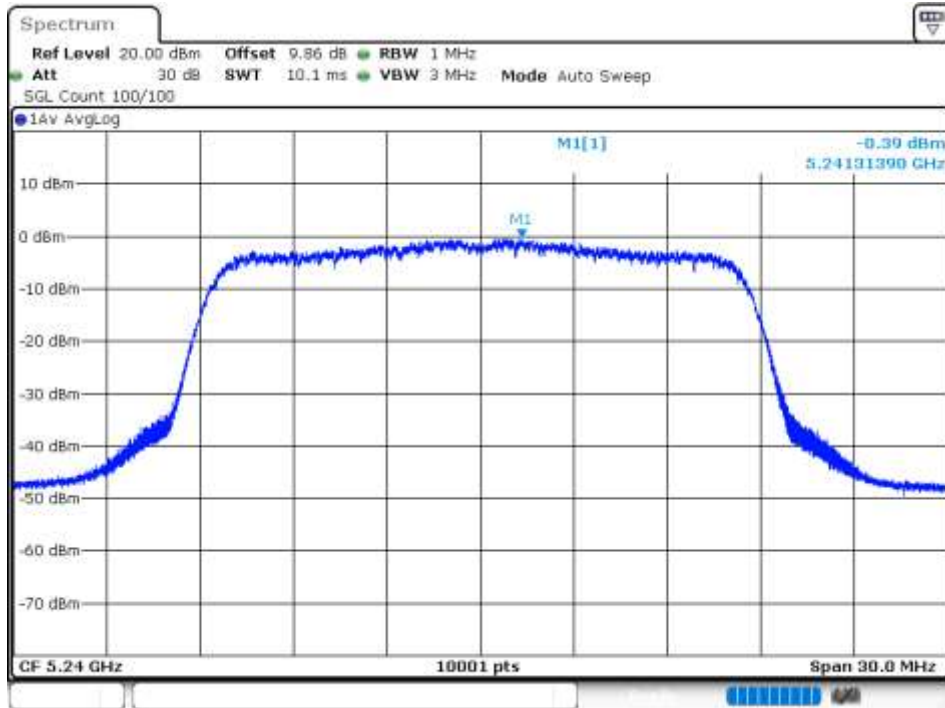


PSD NVNT a 5200MHz Ant 1

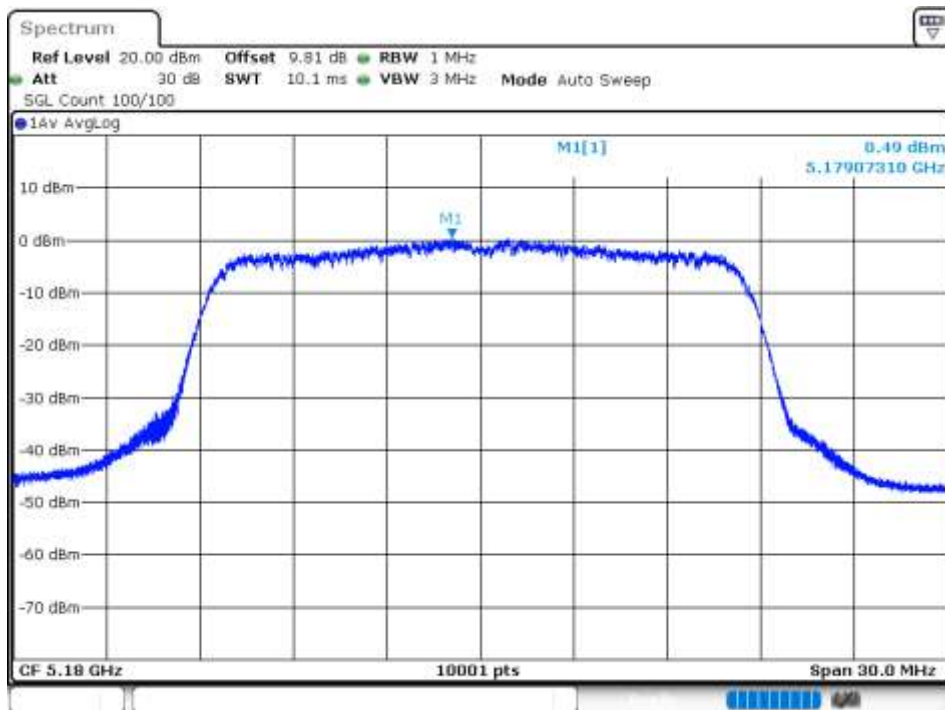


PSD NVNT a 5240MHz Ant 1

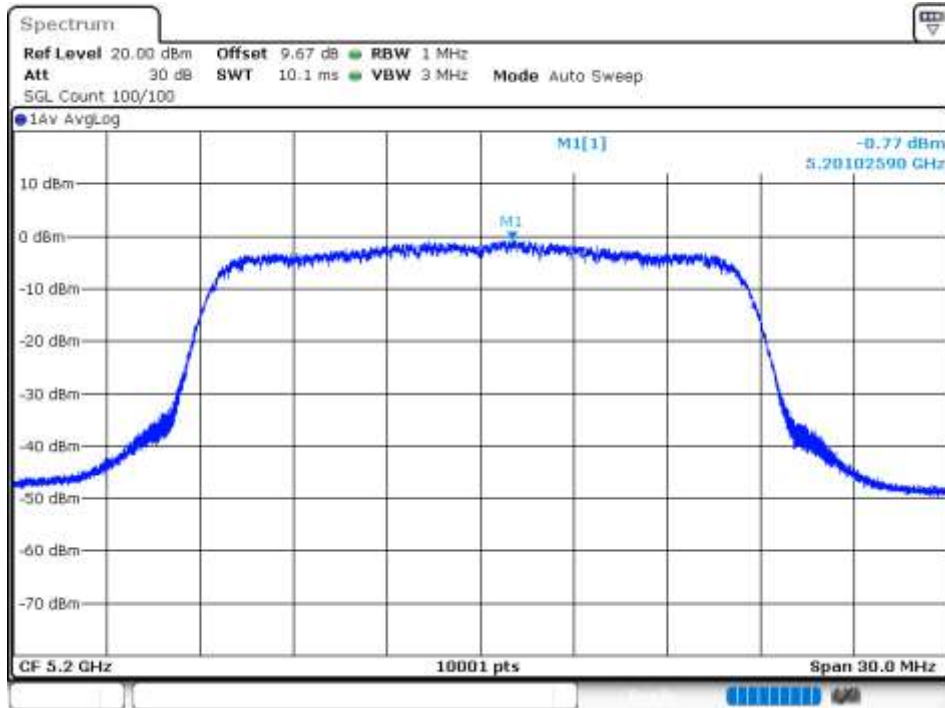




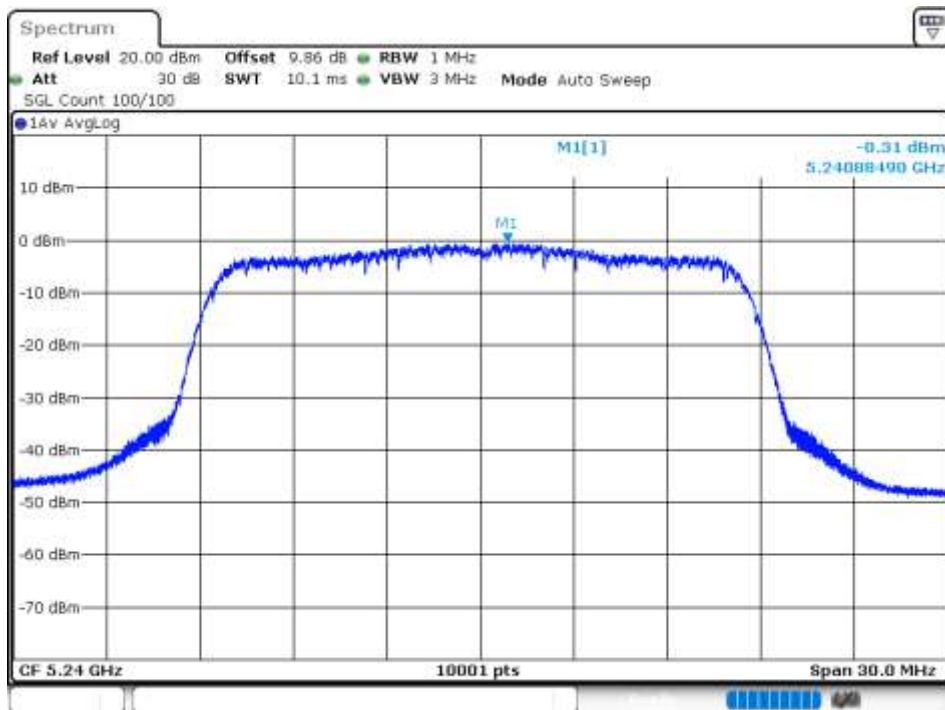
PSD NVNT a 5180MHz Ant 2



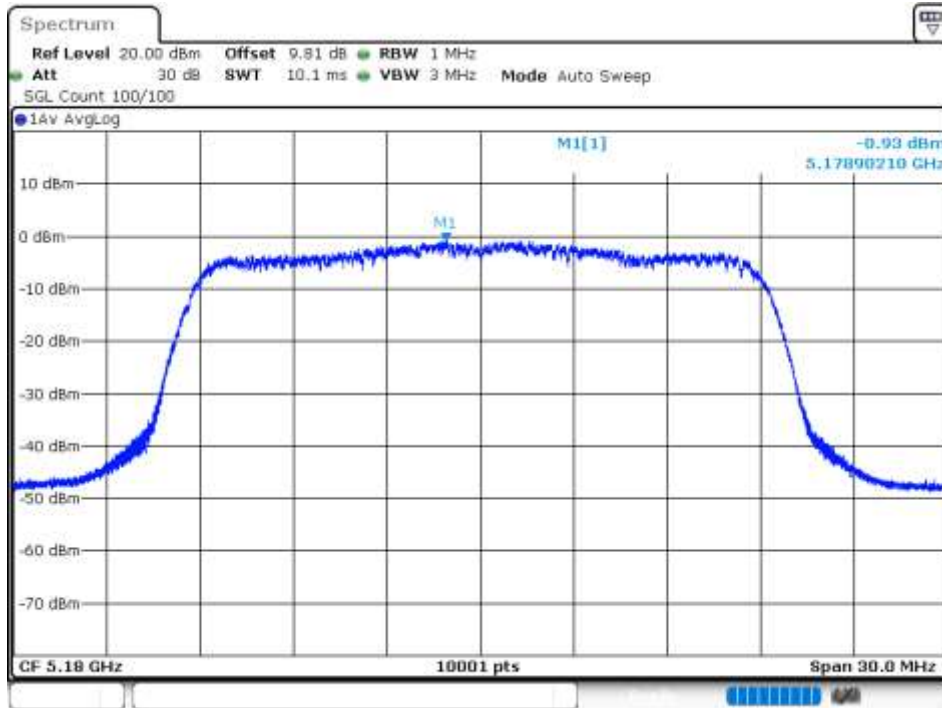
PSD NVNT a 5200MHz Ant 2



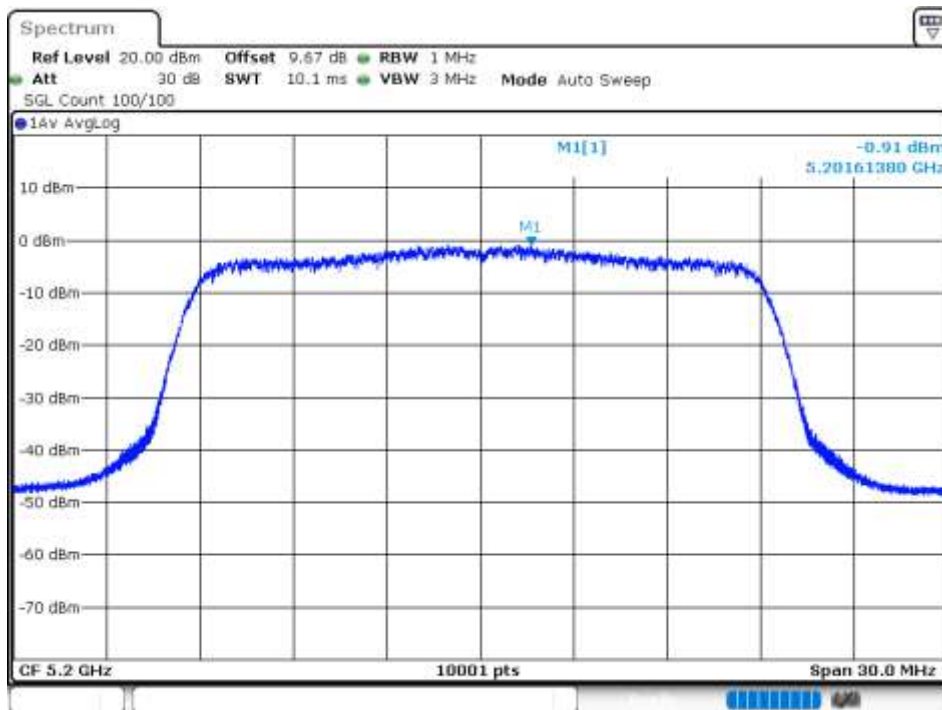
PSD NVNT a 5240MHz Ant 2



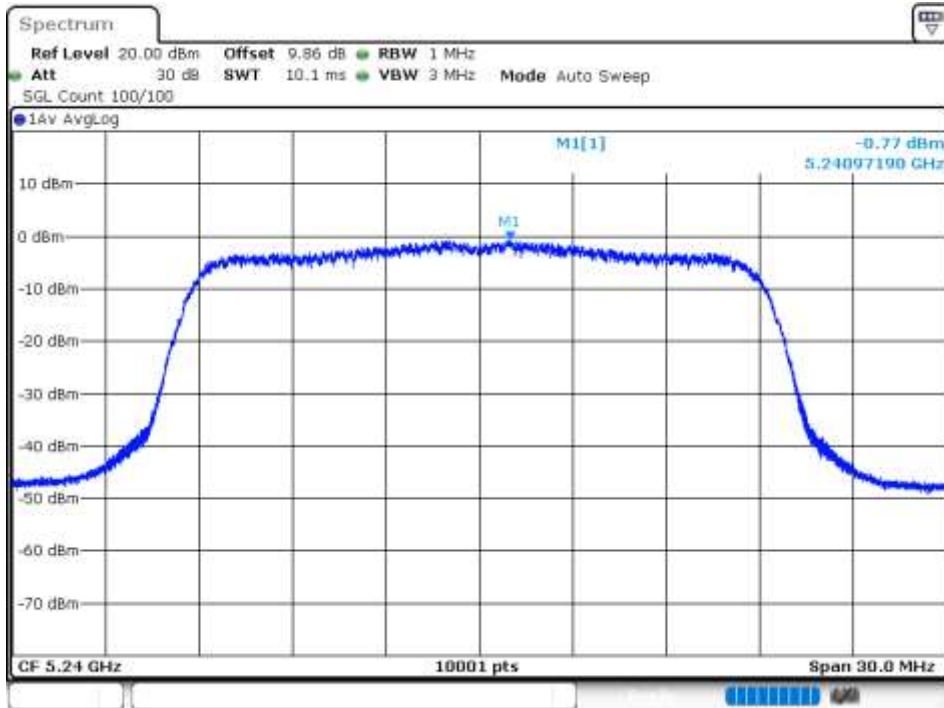
PSD NVNT ac20 5180MHz Ant 1



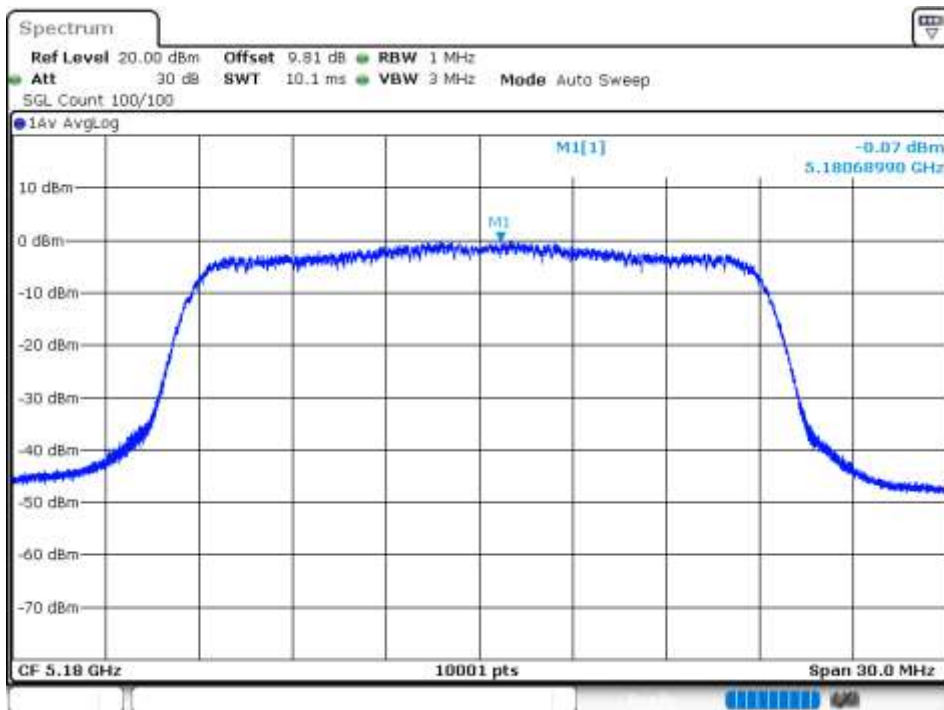
PSD NVNT ac20 5200MHz Ant 1



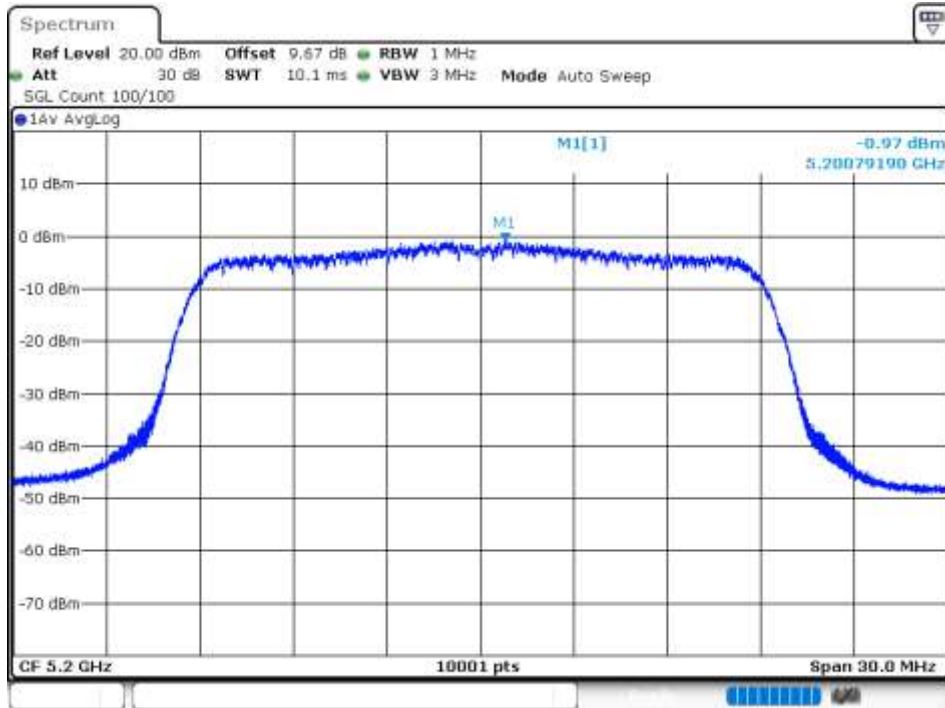
PSD NVNT ac20 5240MHz Ant 1



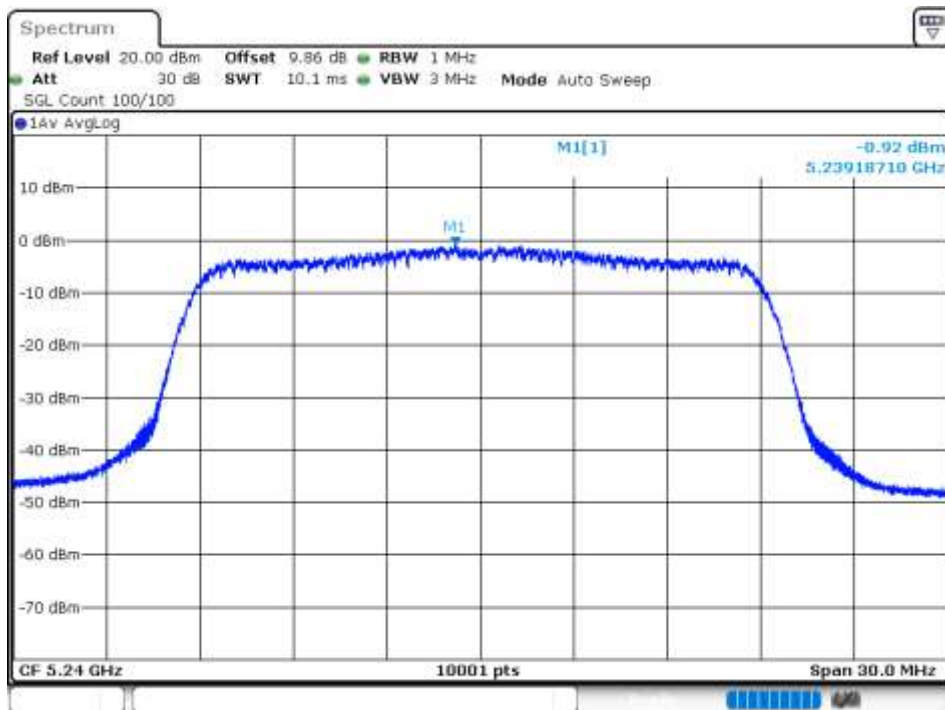
PSD NVNT ac20 5180MHz Ant 2



PSD NVNT ac20 5200MHz Ant 2

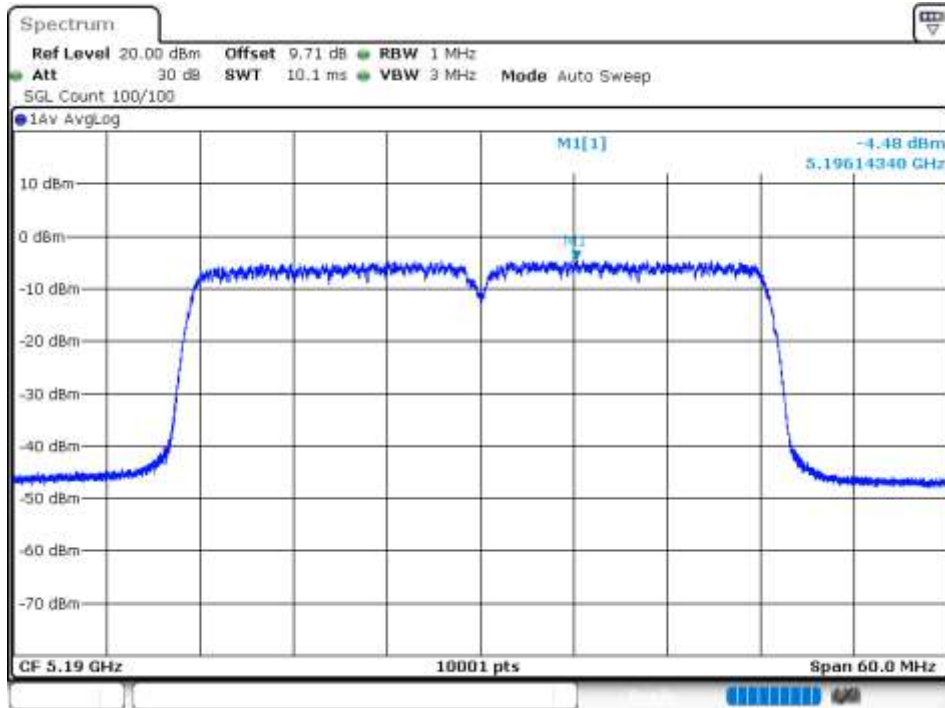


PSD NVNT ac20 5240MHz Ant 2

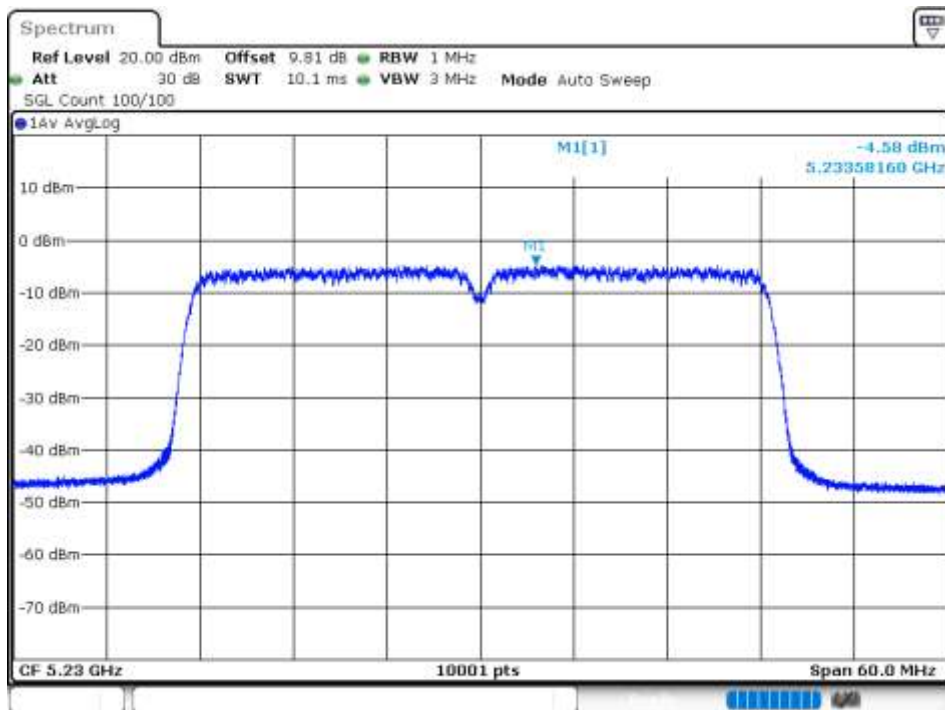


PSD NVNT ac40 5190MHz Ant 1

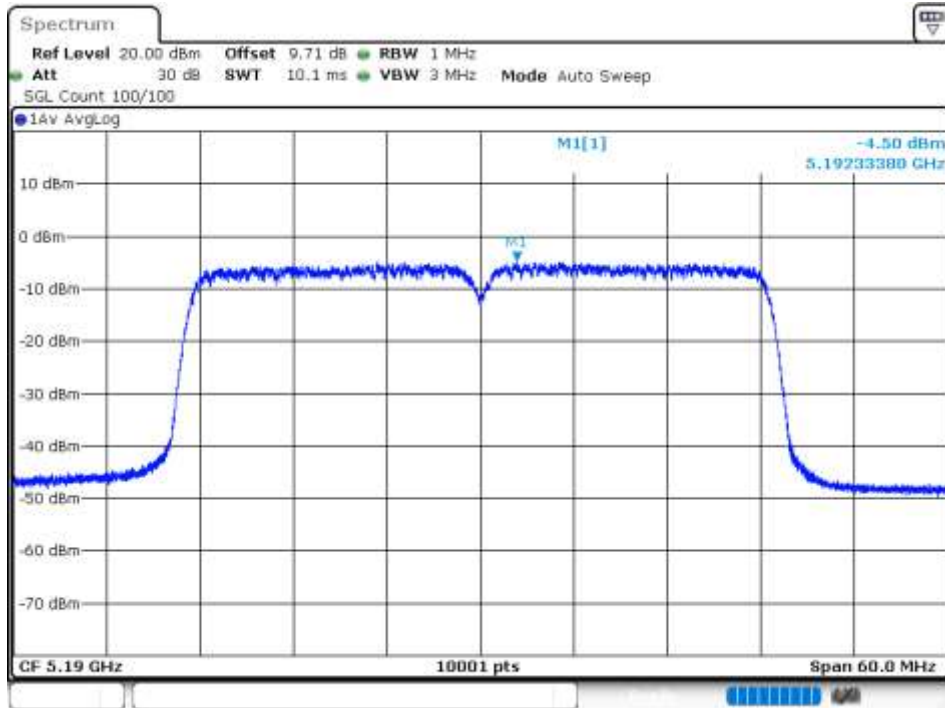




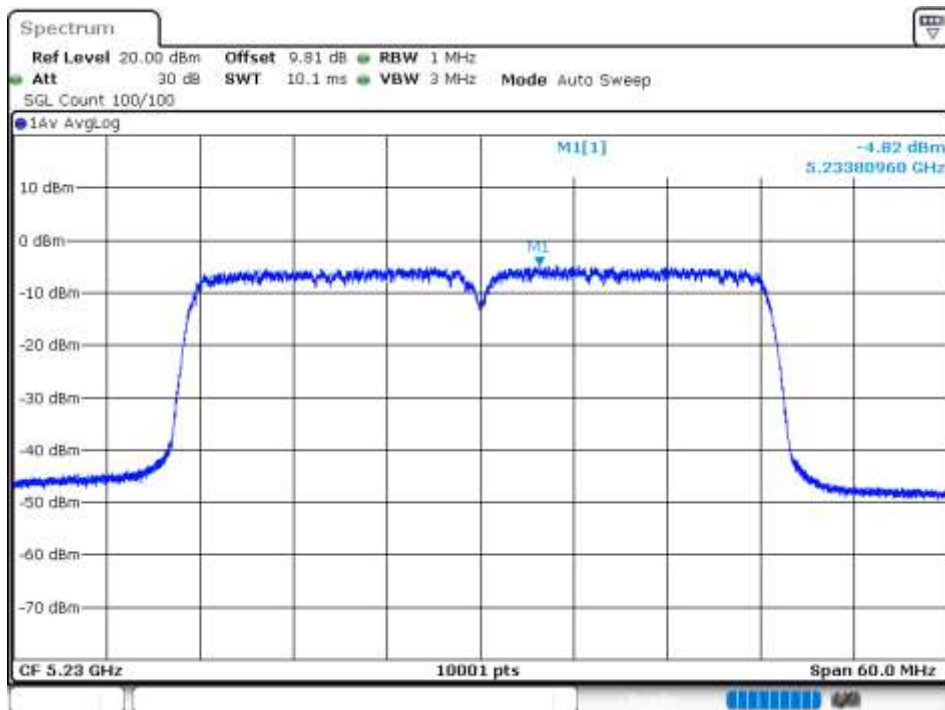
PSD NVNT ac40 5230MHz Ant 1



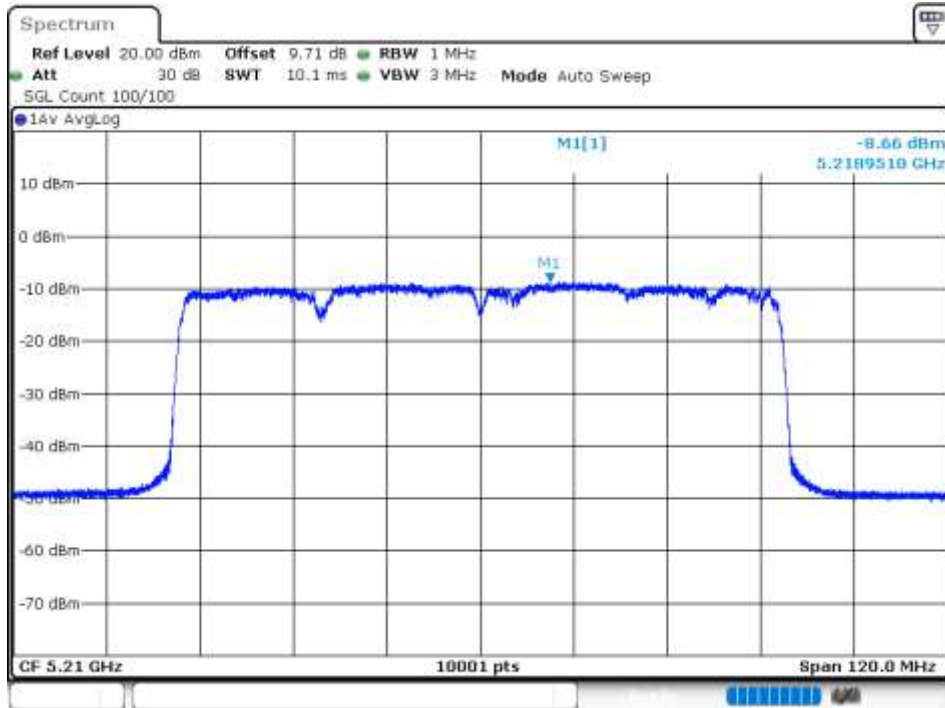
PSD NVNT ac40 5190MHz Ant 2



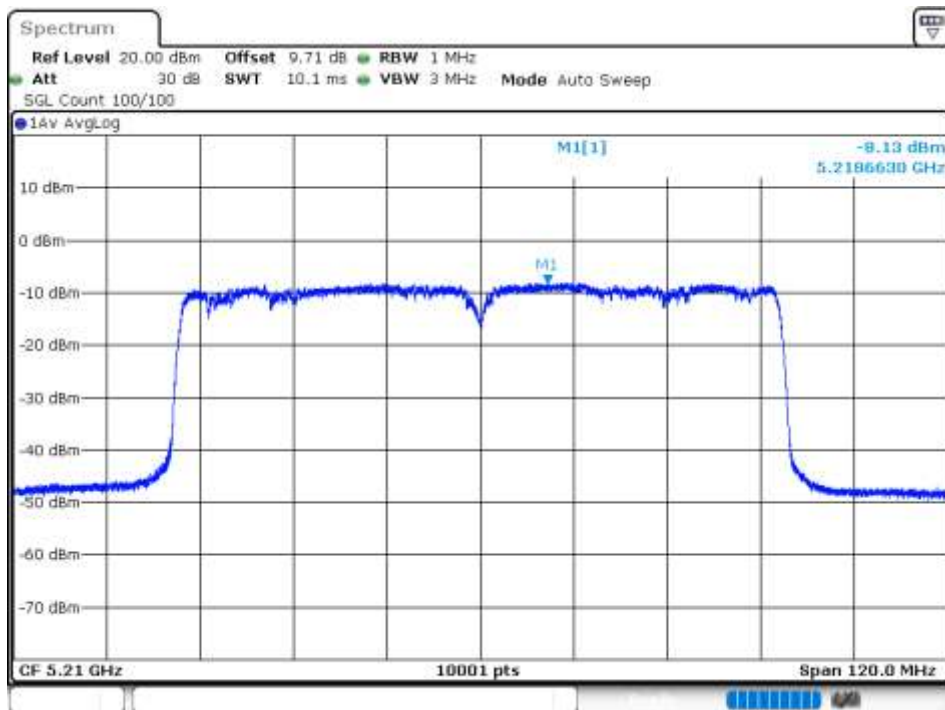
PSD NVNT ac40 5230MHz Ant 2



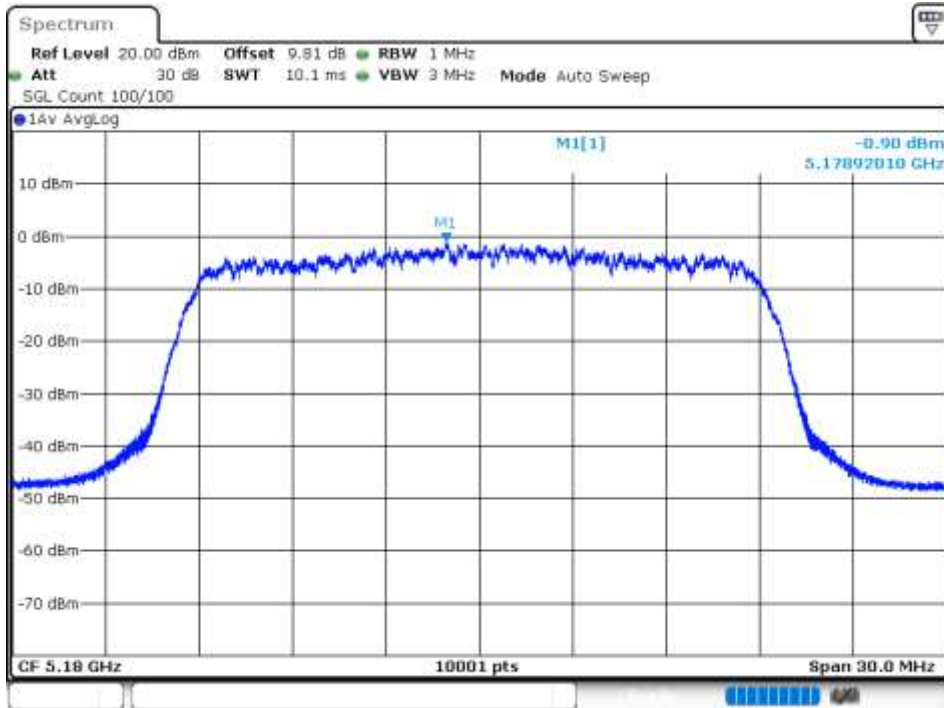
PSD NVNT ac80 5210MHz Ant 1



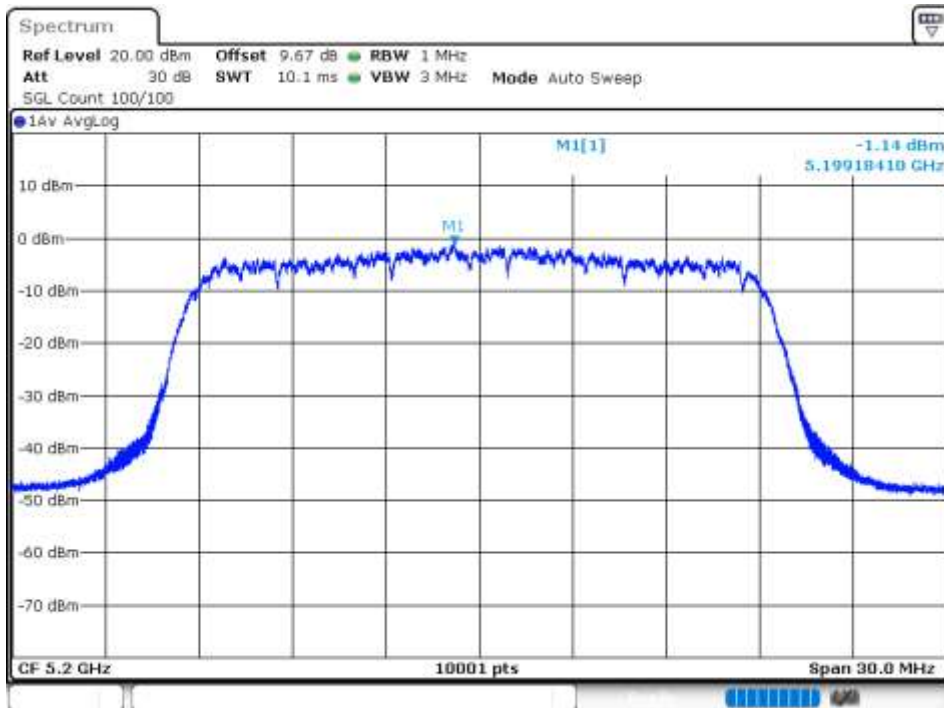
PSD NVNT ac80 5210MHz Ant 2



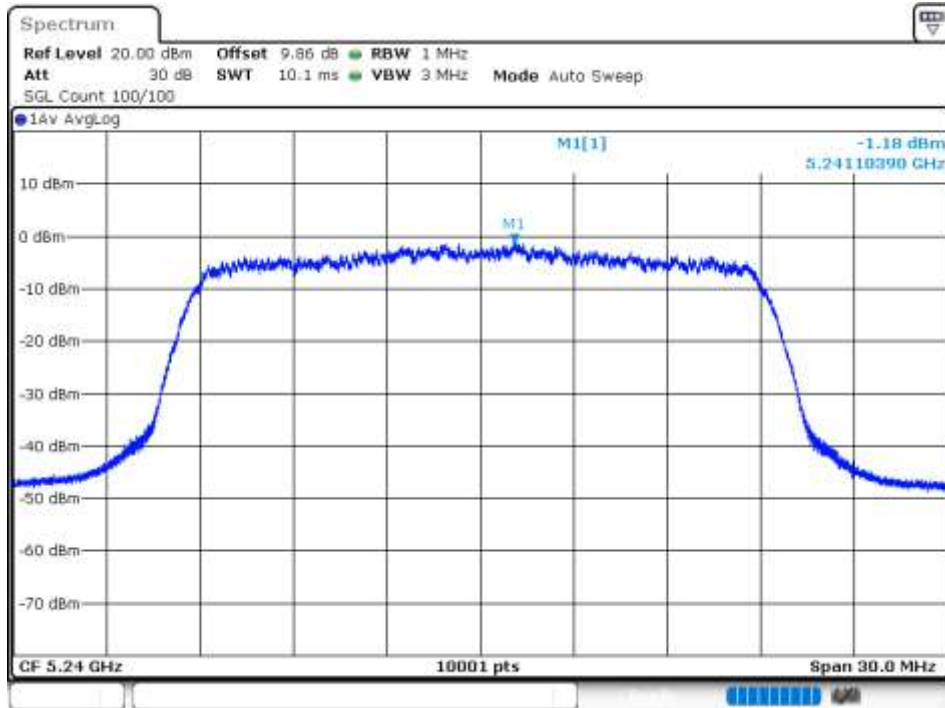
PSD NVNT n20 5180MHz Ant 1



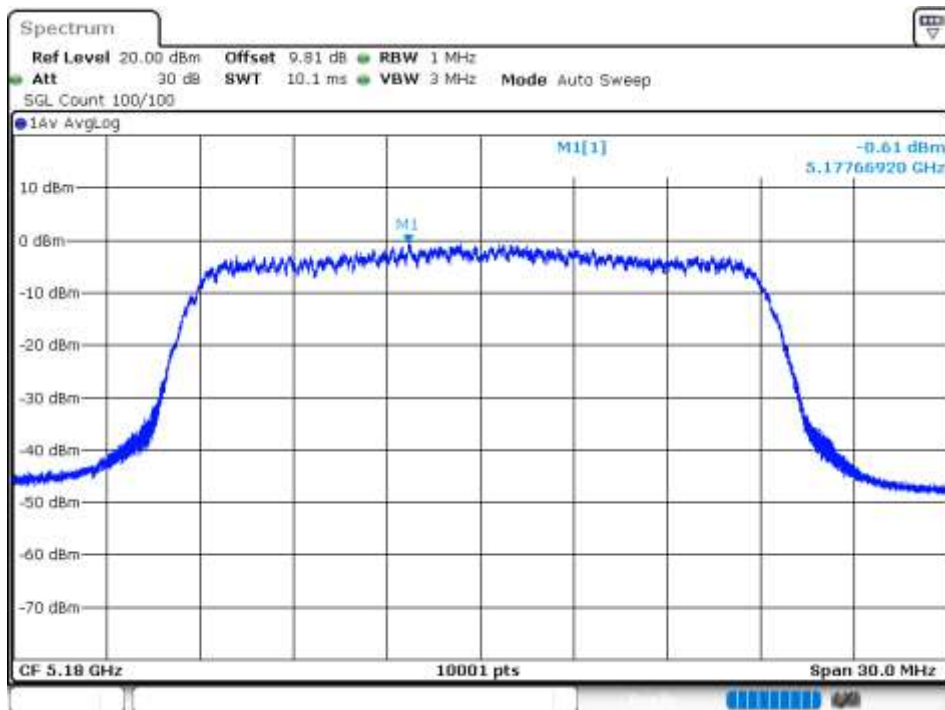
PSD NVNT n20 5200MHz Ant 1



PSD NVNT n20 5240MHz Ant 1

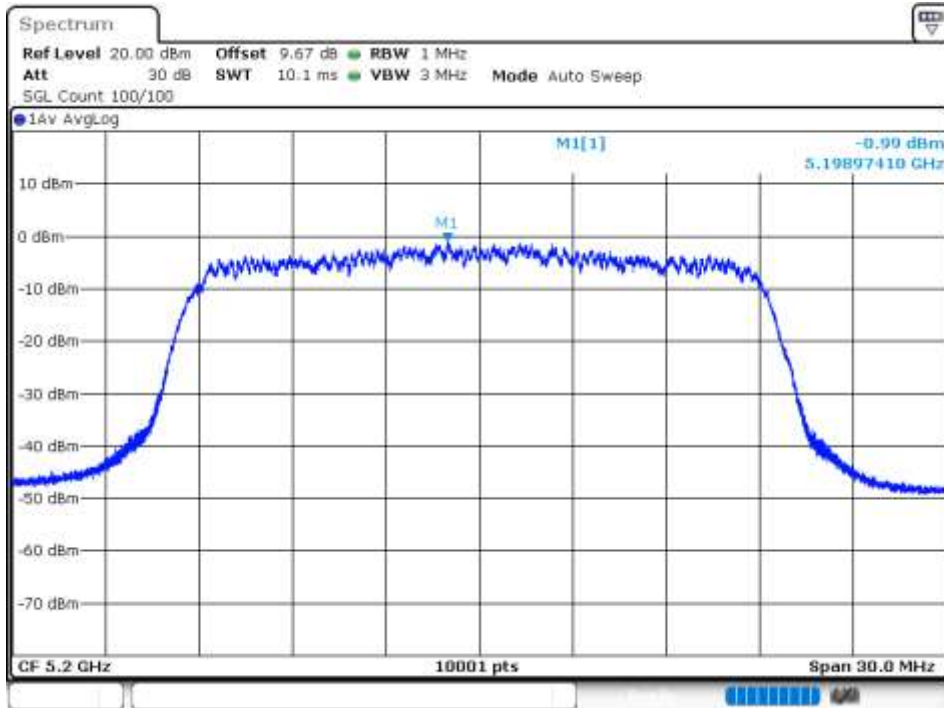


PSD NVNT n20 5180MHz Ant 2

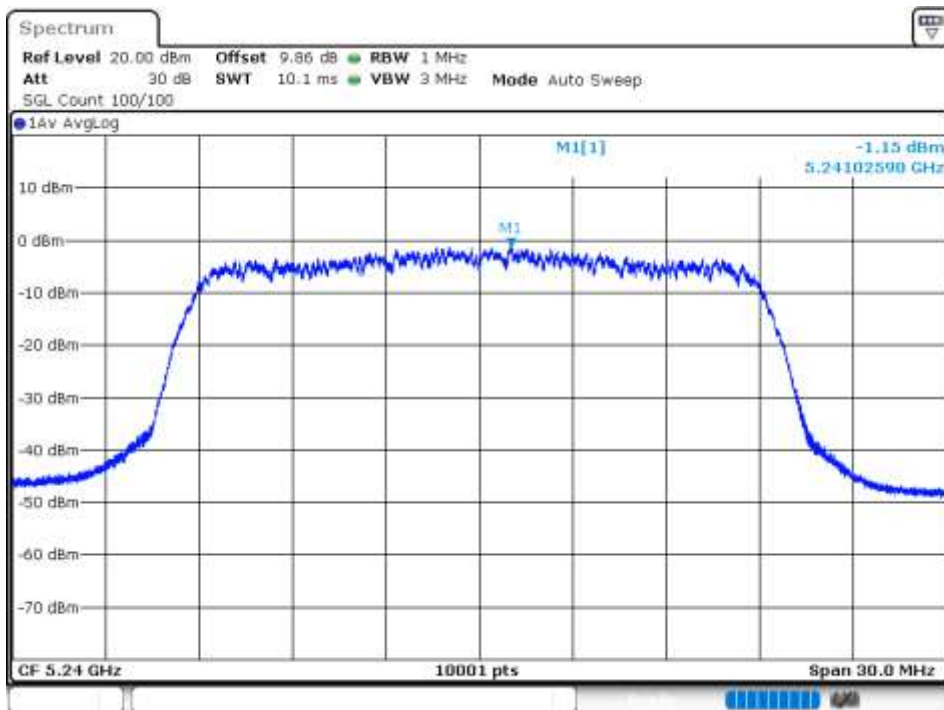


PSD NVNT n20 5200MHz Ant 2

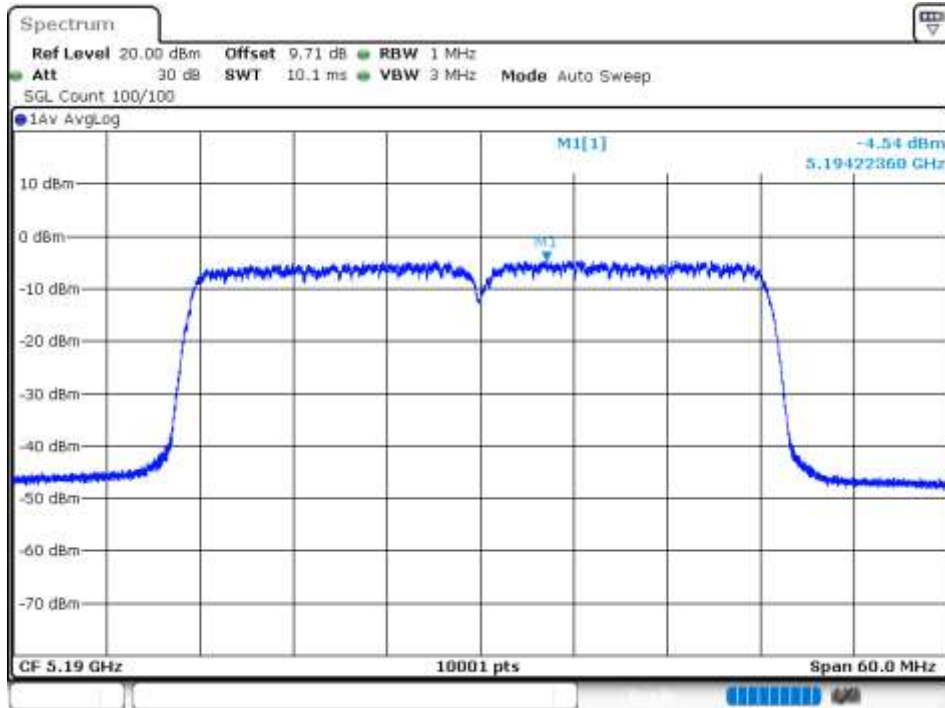




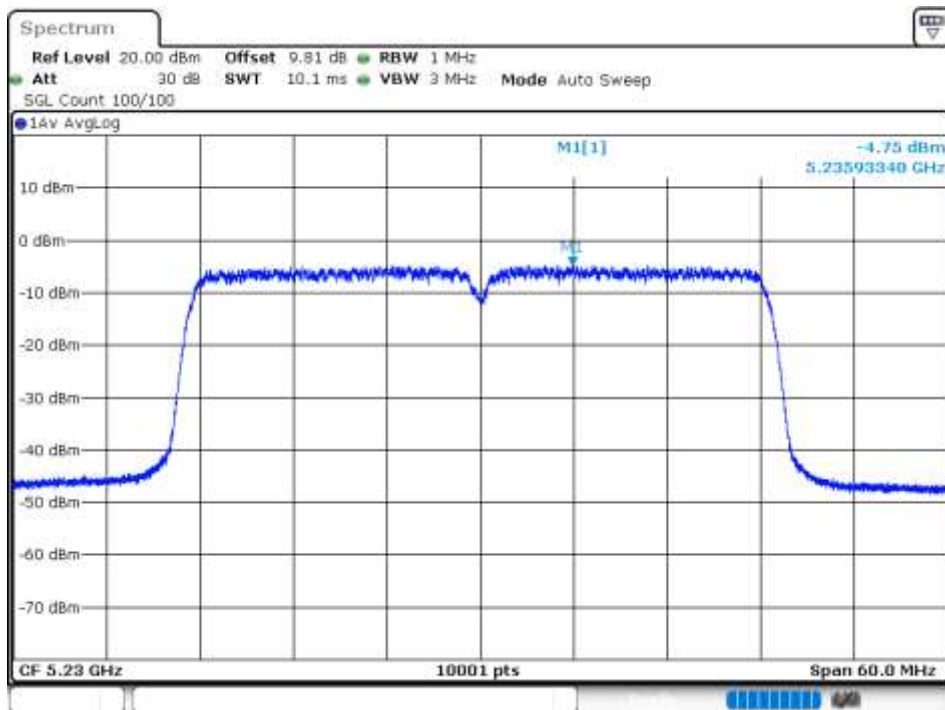
PSD NVNT n20 5240MHz Ant 2



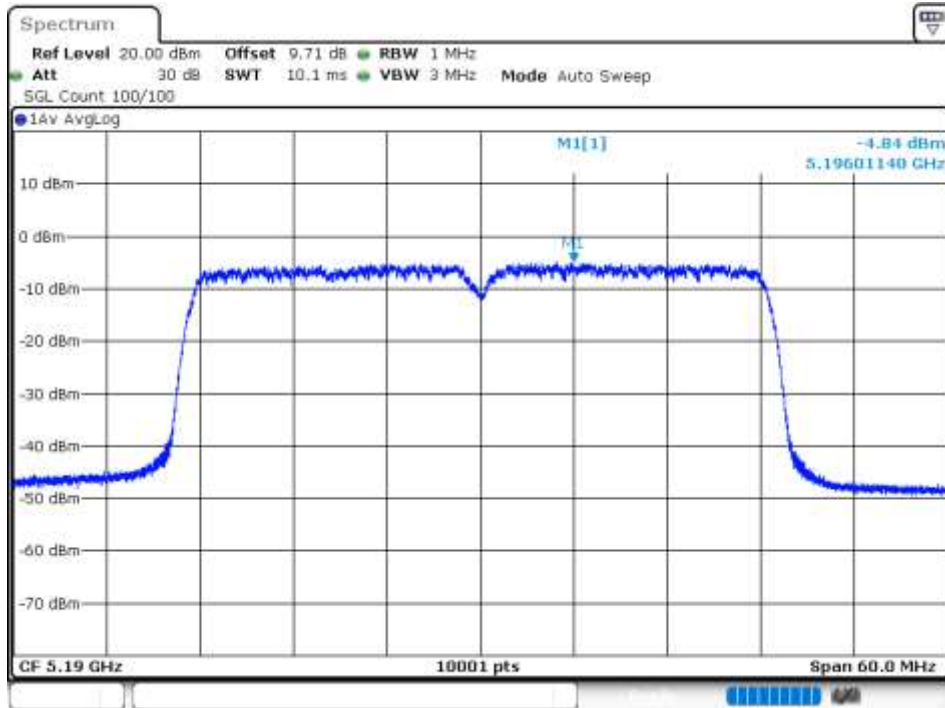
PSD NVNT n40 5190MHz Ant 1



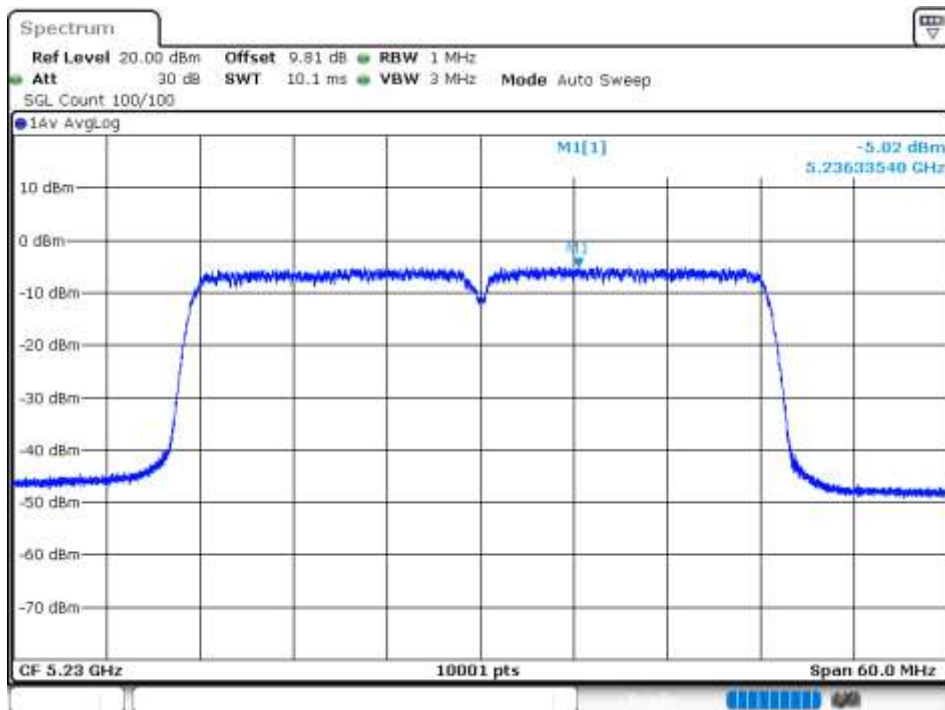
PSD NVNT n40 5230MHz Ant 1



PSD NVNT n40 5190MHz Ant 2



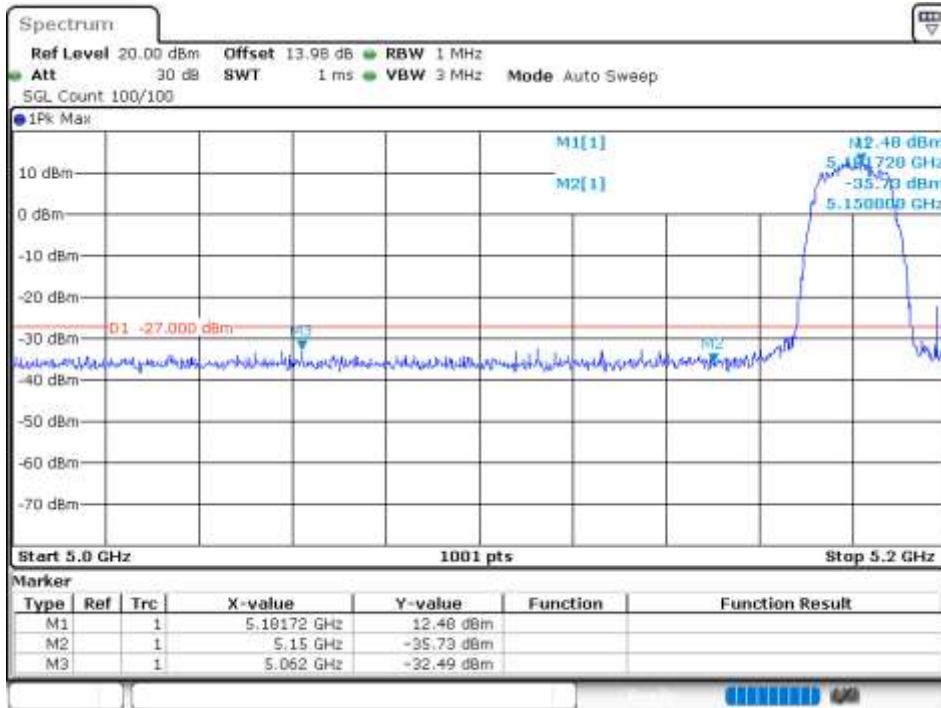
PSD NVNT n40 5230MHz Ant 2



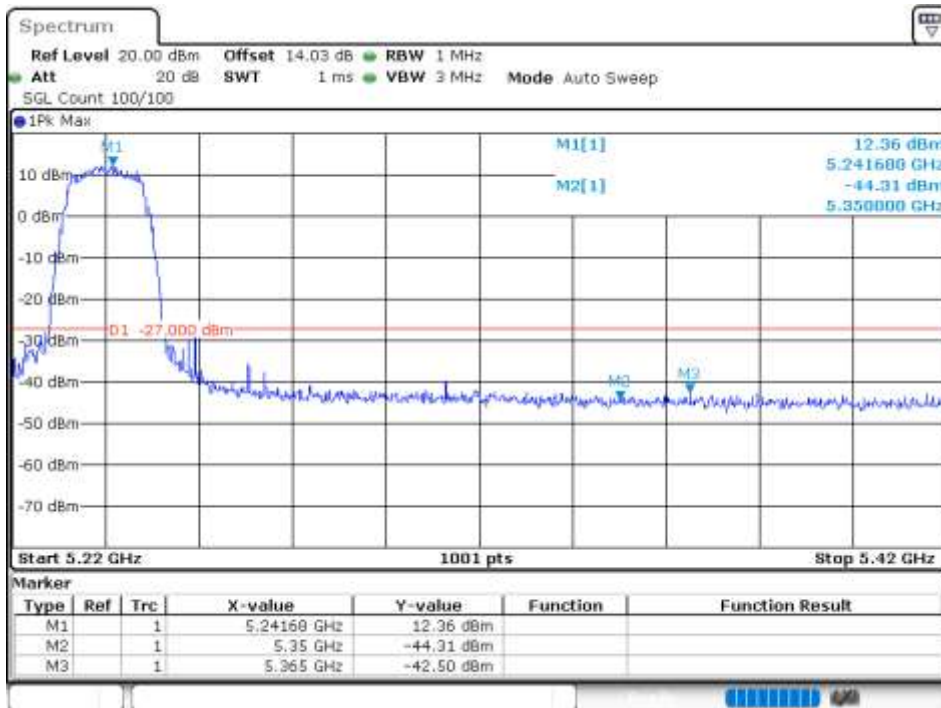
**Band Edge**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant 1	-32.49	-27	Pass
NVNT	a	5240	Ant 1	-42.5	-27	Pass
NVNT	a	5180	Ant 2	-33.22	-27	Pass
NVNT	a	5240	Ant 2	-42.05	-27	Pass
NVNT	ac20	5180	Ant 1	-39.86	-27	Pass
NVNT	ac20	5240	Ant 1	-42.19	-27	Pass
NVNT	ac20	5180	Ant 2	-37.74	-27	Pass
NVNT	ac20	5240	Ant 2	-41.67	-27	Pass
NVNT	ac40	5190	Ant 1	-31.63	-27	Pass
NVNT	ac40	5230	Ant 1	-40.47	-27	Pass
NVNT	ac40	5190	Ant 2	-29.9	-27	Pass
NVNT	ac40	5230	Ant 2	-40.66	-27	Pass
NVNT	ac80	5210	Ant 1	-39.93	-27	Pass
NVNT	ac80	5210	Ant 1	-36.7	-27	Pass
NVNT	ac80	5210	Ant 2	-38.74	-27	Pass
NVNT	ac80	5210	Ant 2	-28.6	-27	Pass
NVNT	n20	5180	Ant 1	-40.89	-27	Pass
NVNT	n20	5240	Ant 1	-42.69	-27	Pass
NVNT	n20	5180	Ant 2	-28.04	-27	Pass
NVNT	n20	5240	Ant 2	-41.54	-27	Pass
NVNT	n40	5190	Ant 1	-30.82	-27	Pass
NVNT	n40	5230	Ant 1	-40.72	-27	Pass
NVNT	n40	5190	Ant 2	-29.1	-27	Pass
NVNT	n40	5230	Ant 2	-40.71	-27	Pass

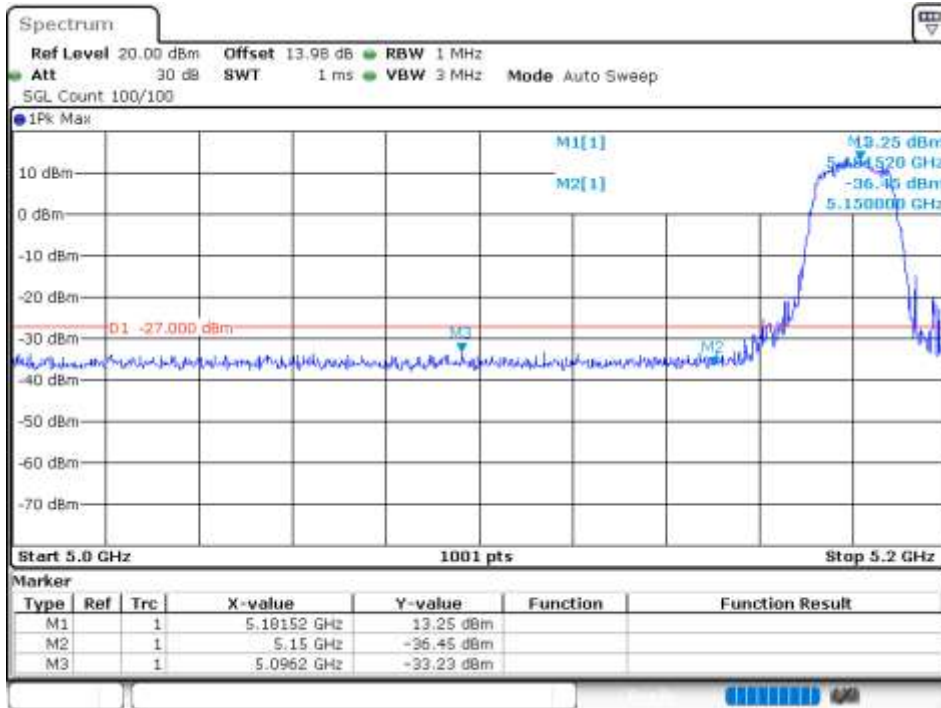
Band Edge NVNT a 5180MHz Low Ant 1



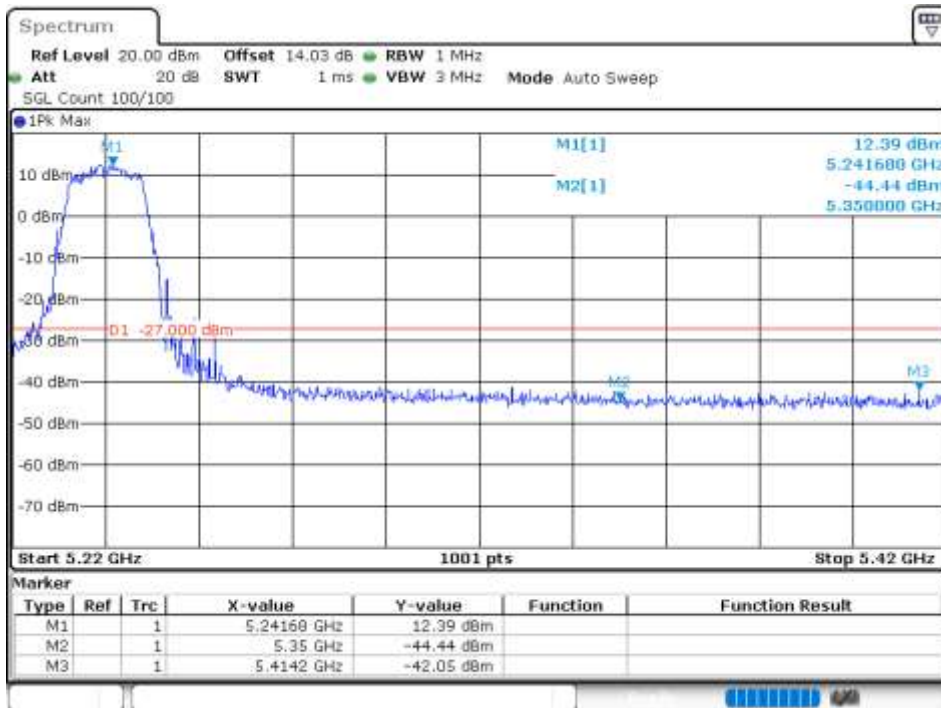
Band Edge NVNT a 5240MHz High Ant 1



Band Edge NVNT a 5180MHz Low Ant 2



Band Edge NVNT a 5240MHz High Ant 2

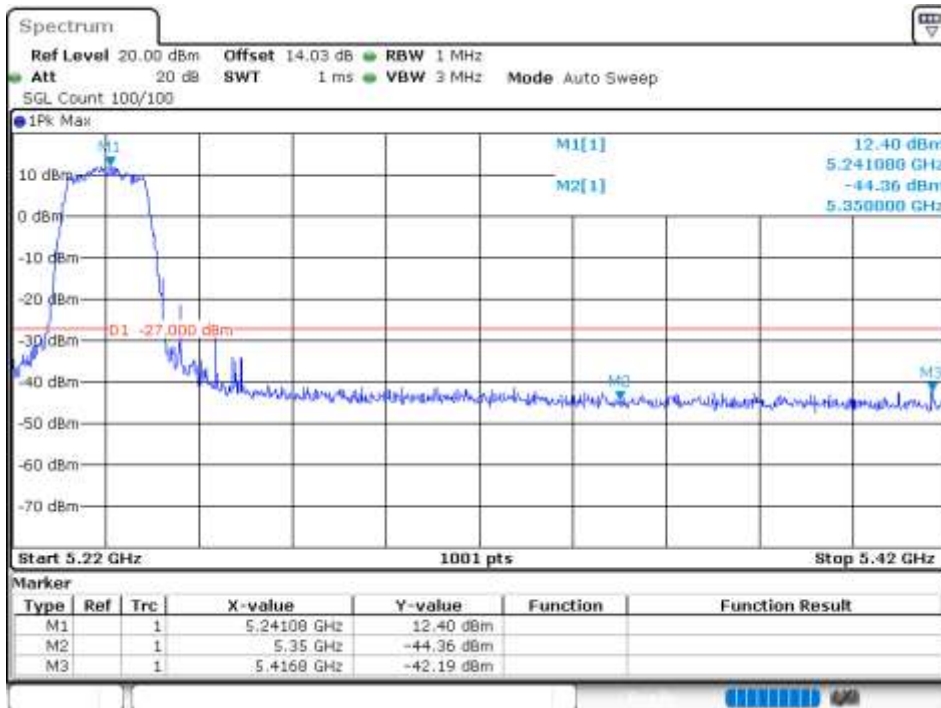


Band Edge NVNT ac20 5180MHz Low Ant 1

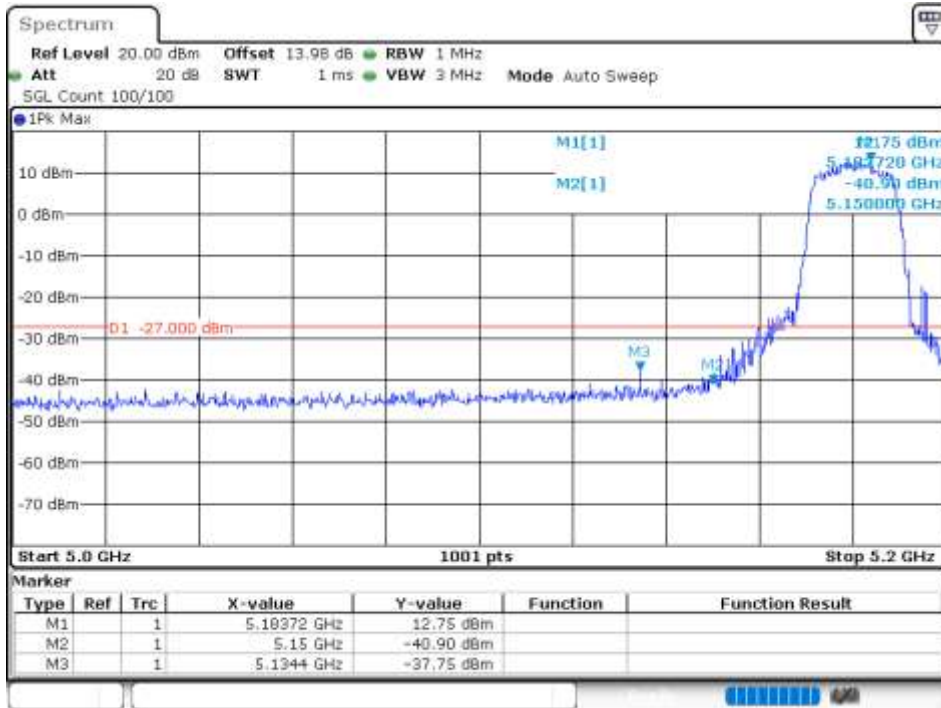




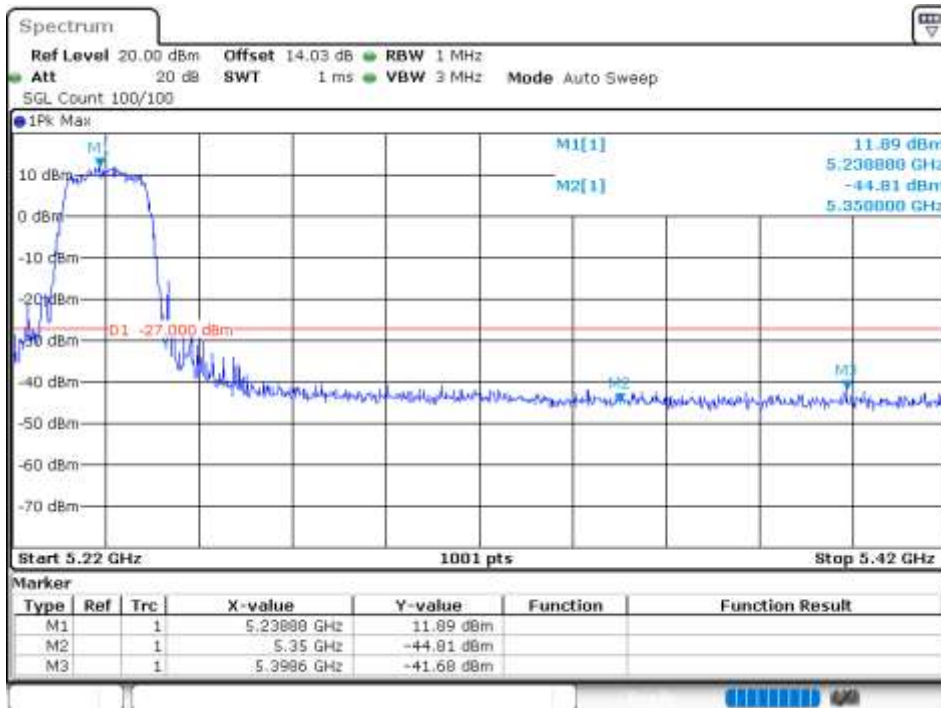
Band Edge NVNT ac20 5240MHz High Ant 1



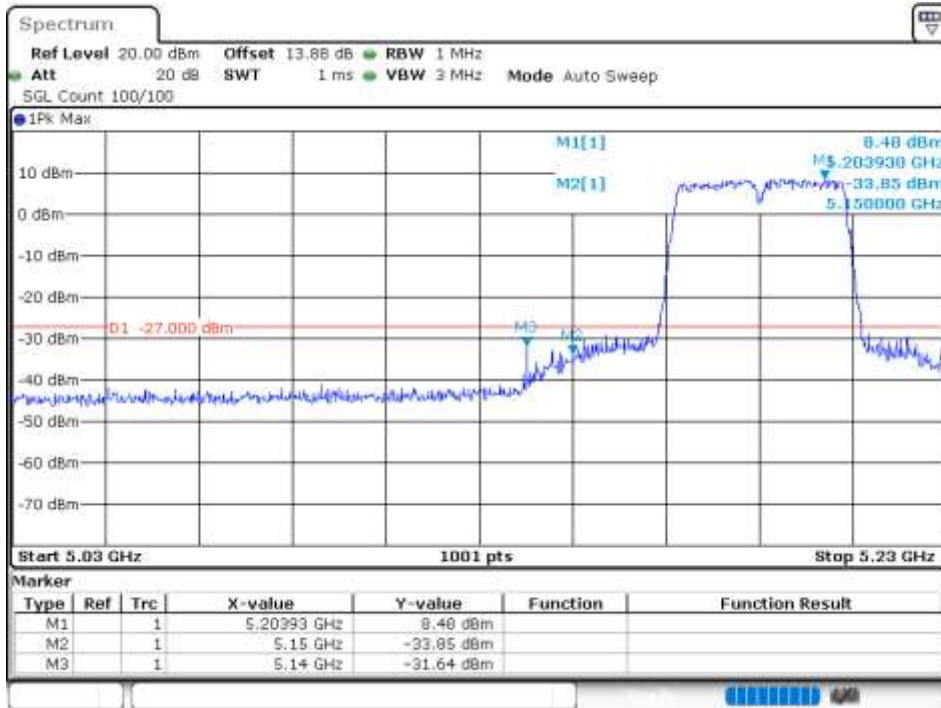
Band Edge NVNT ac20 5180MHz Low Ant 2



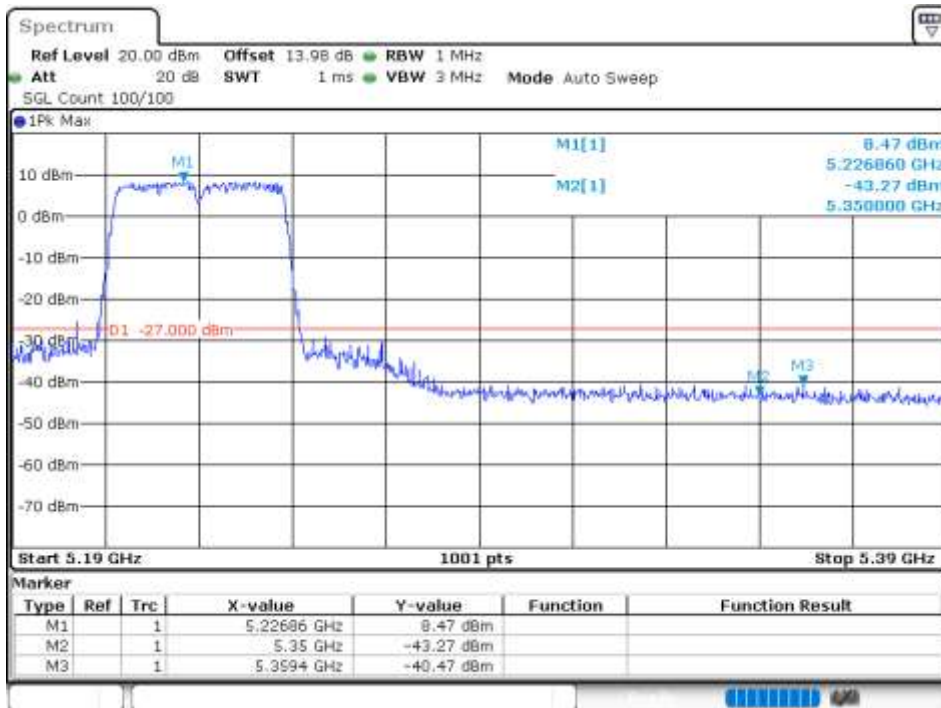
Band Edge NVNT ac20 5240MHz High Ant 2



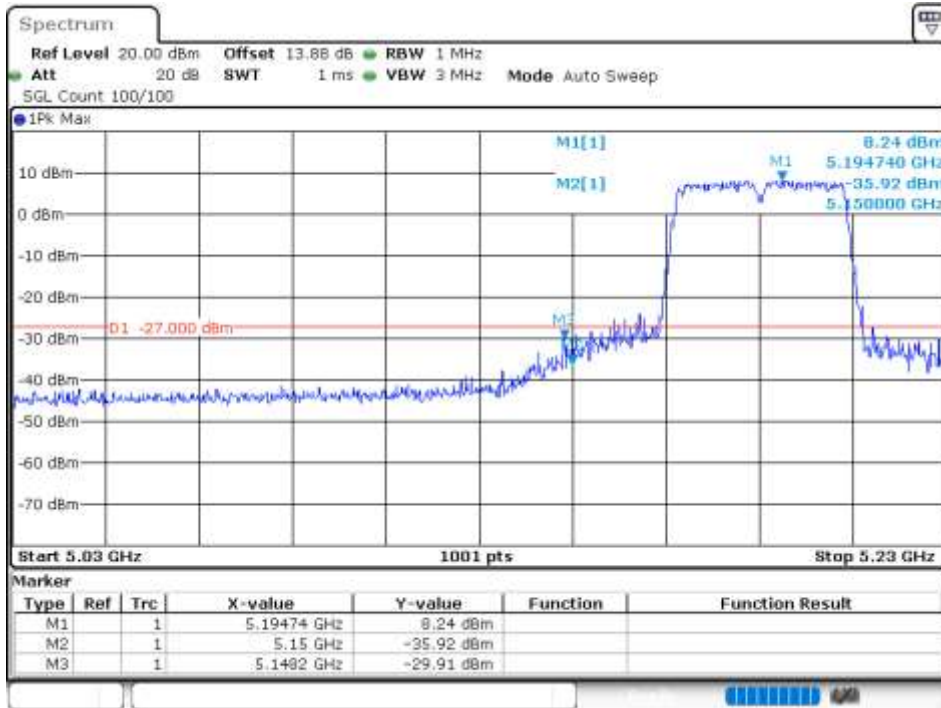
Band Edge NVNT ac40 5190MHz Low Ant 1



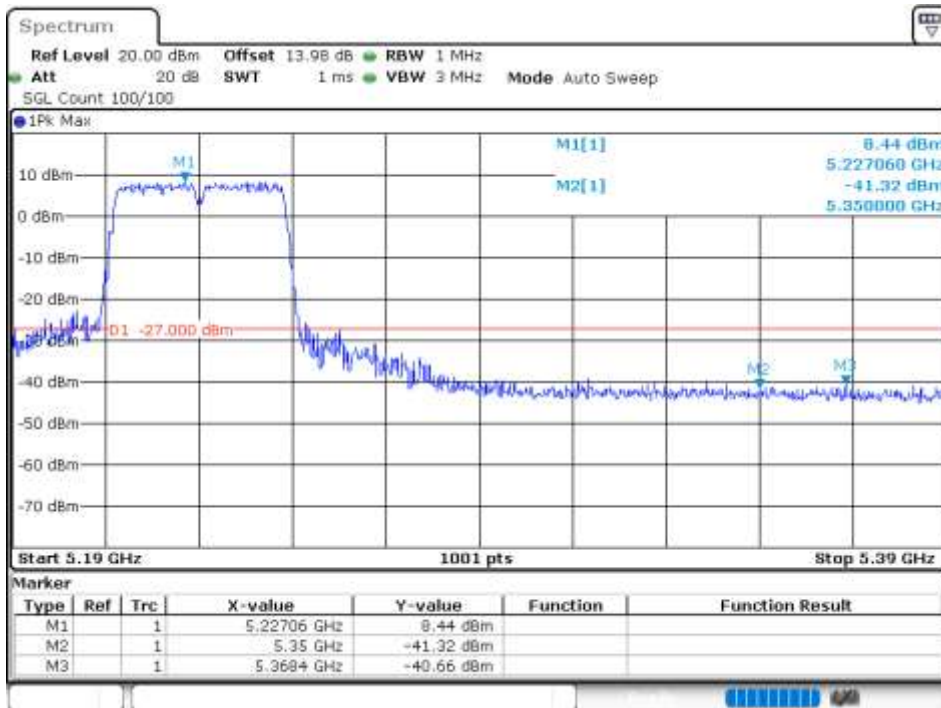
Band Edge NVNT ac40 5230MHz High Ant 1



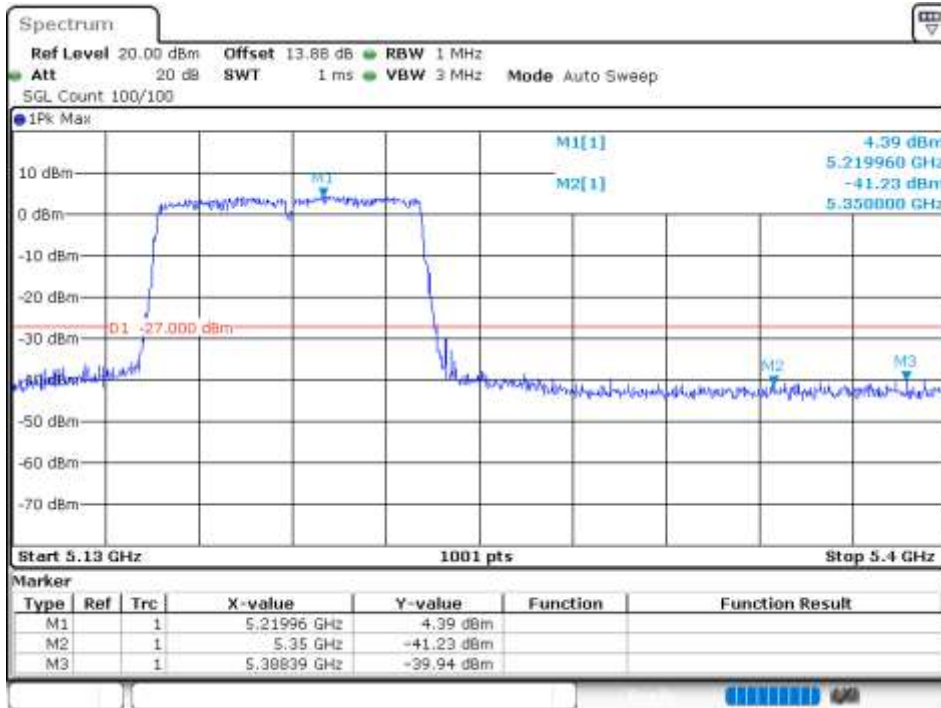
Band Edge NVNT ac40 5190MHz Low Ant 2



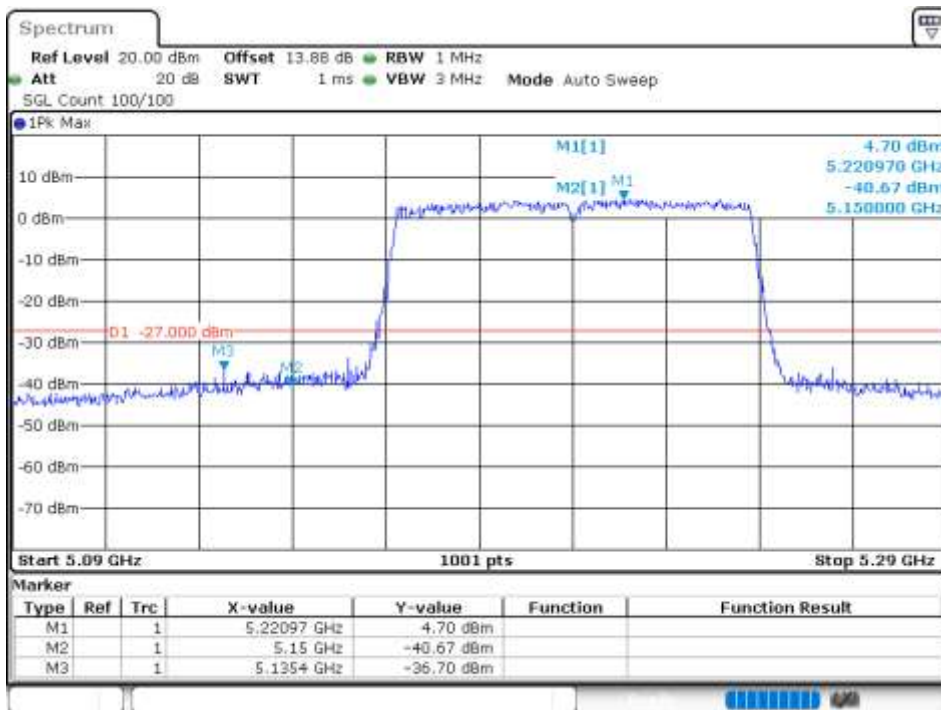
Band Edge NVNT ac40 5230MHz High Ant 2



Band Edge NVNT ac80 5210MHz High Ant 1

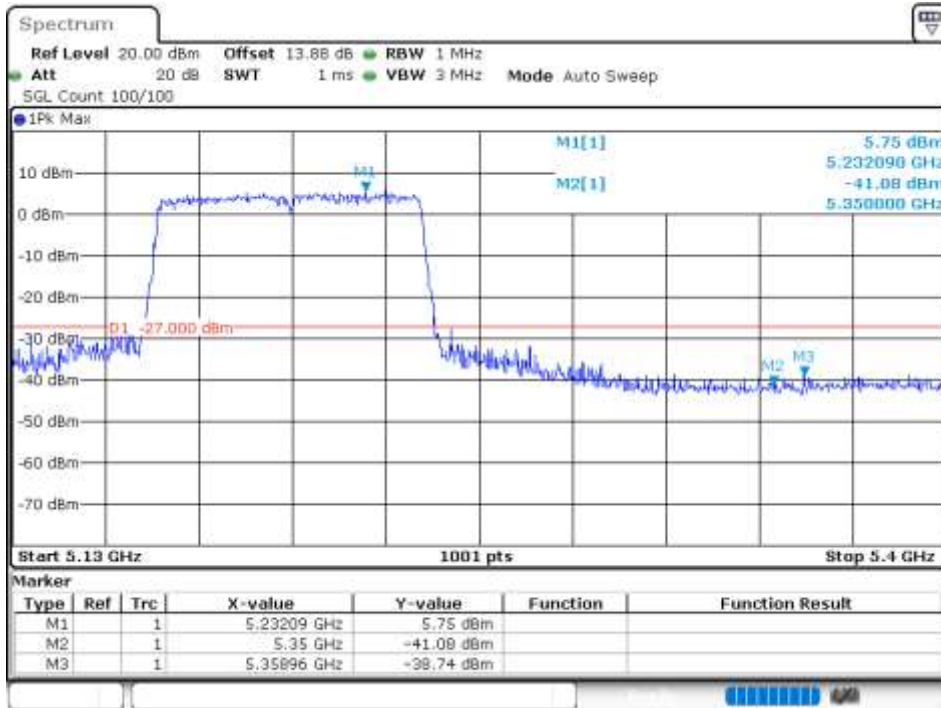


Band Edge NVNT ac80 5210MHz Low Ant 1

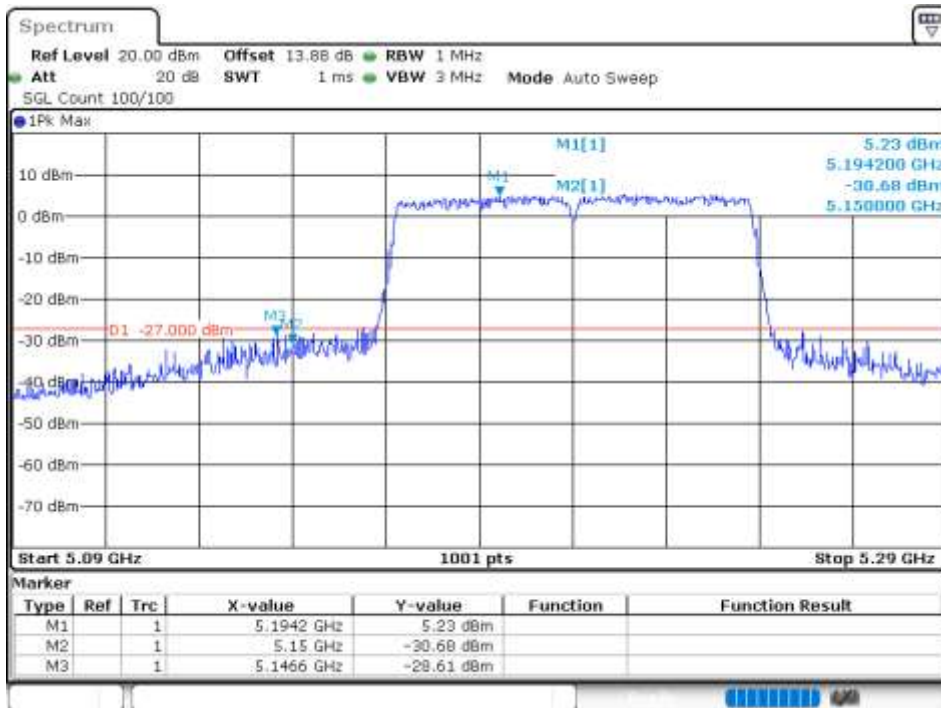


Band Edge NVNT ac80 5210MHz High Ant 2





Band Edge NVNT ac80 5210MHz Low Ant 2

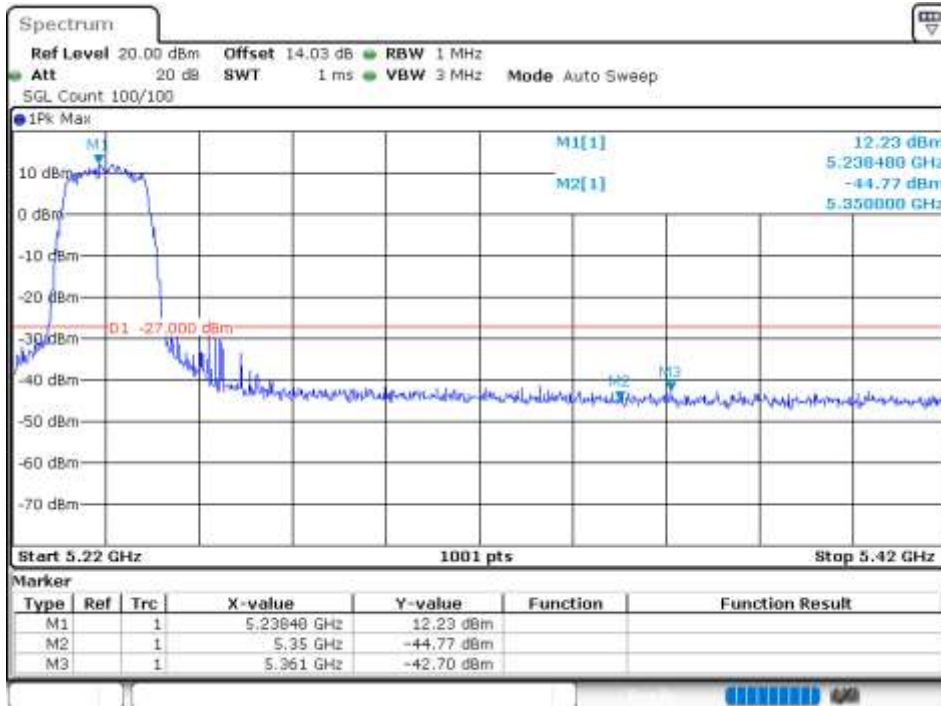


Band Edge NVNT n20 5180MHz Low Ant 1

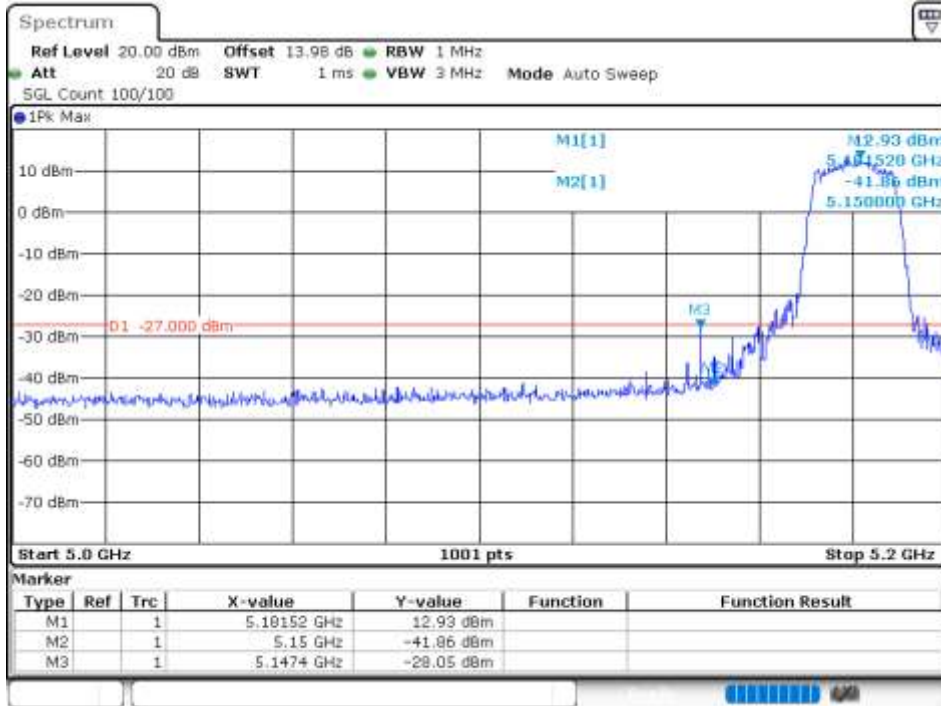




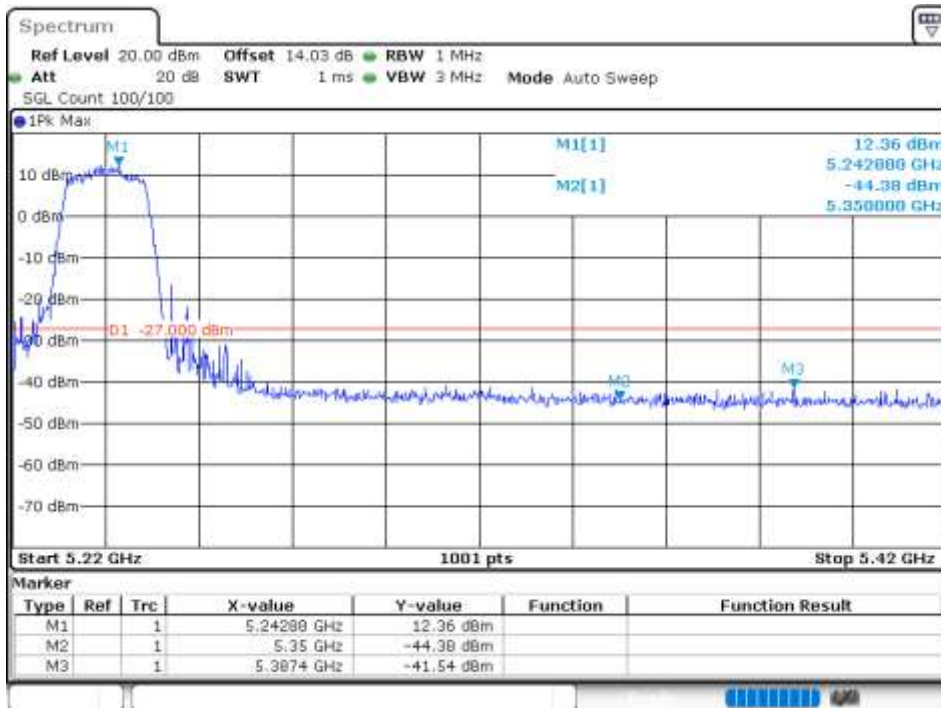
Band Edge NVNT n20 5240MHz High Ant 1



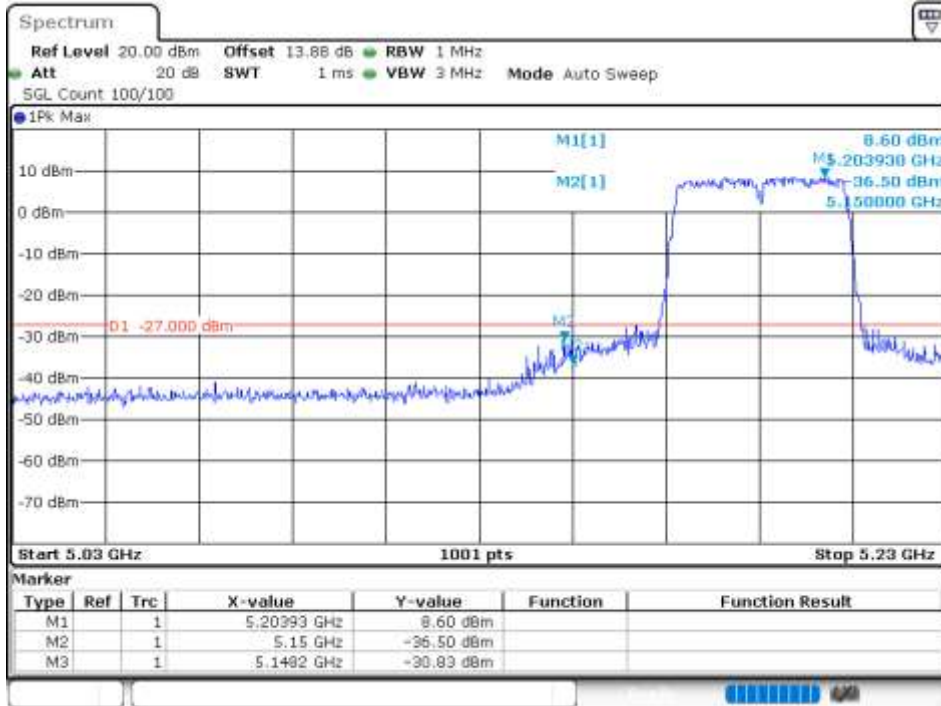
Band Edge NVNT n20 5180MHz Low Ant 2



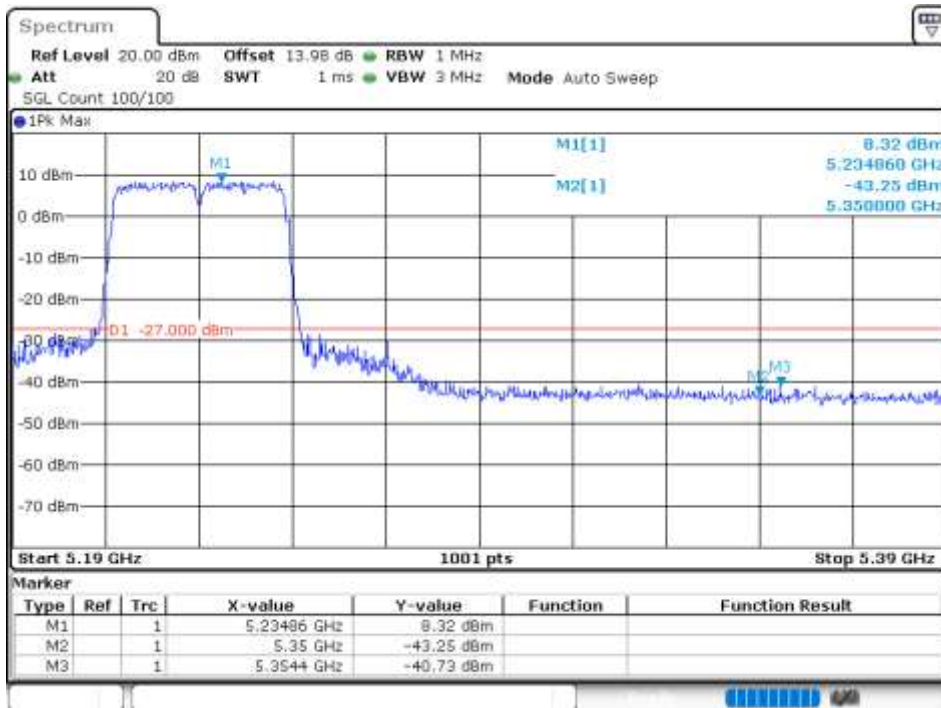
Band Edge NVNT n20 5240MHz High Ant 2



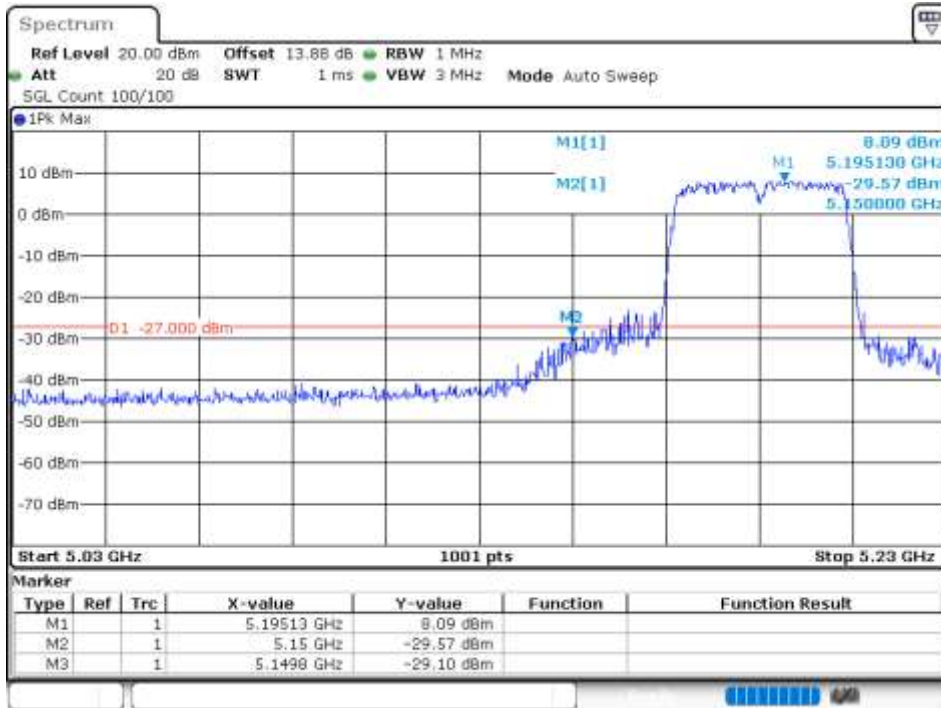
Band Edge NVNT n40 5190MHz Low Ant 1



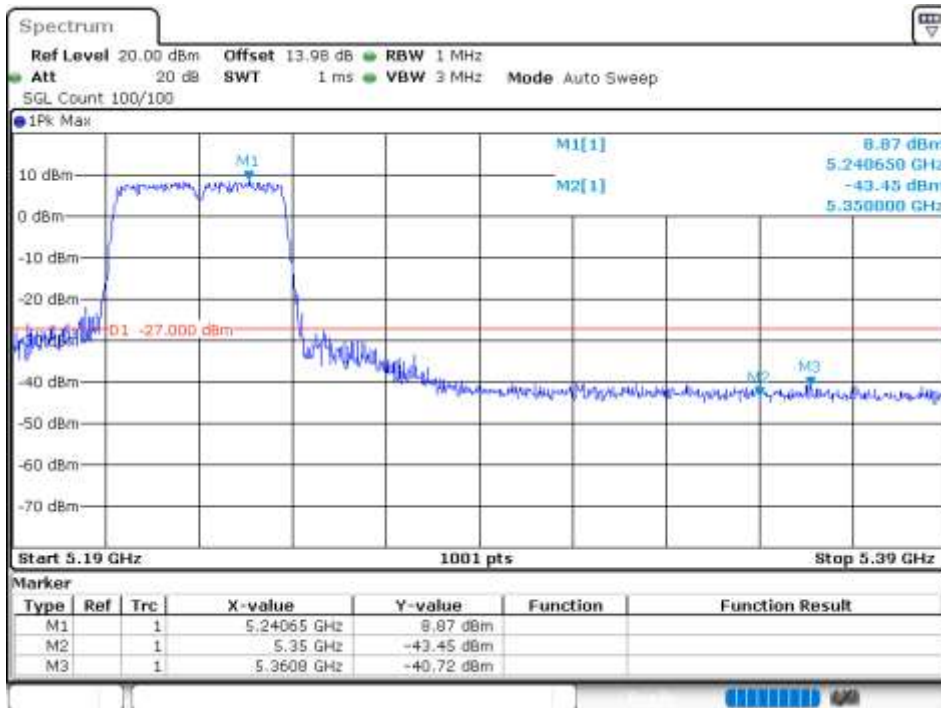
Band Edge NVNT n40 5230MHz High Ant 1



Band Edge NVNT n40 5190MHz Low Ant 2



Band Edge NVNT n40 5230MHz High Ant 2

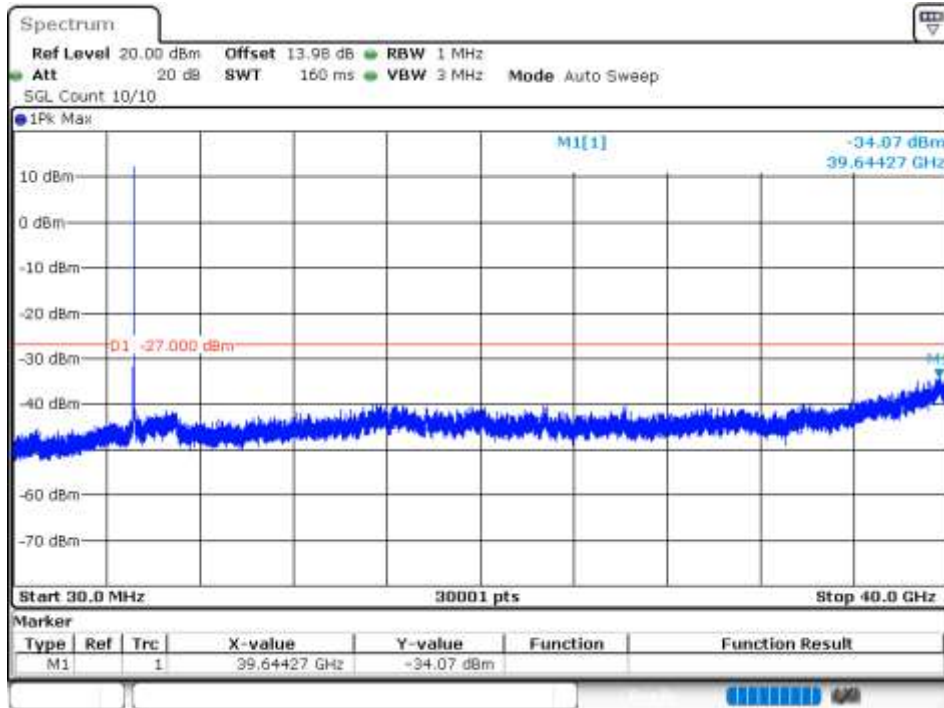


**Conducted RF Spurious Emission**

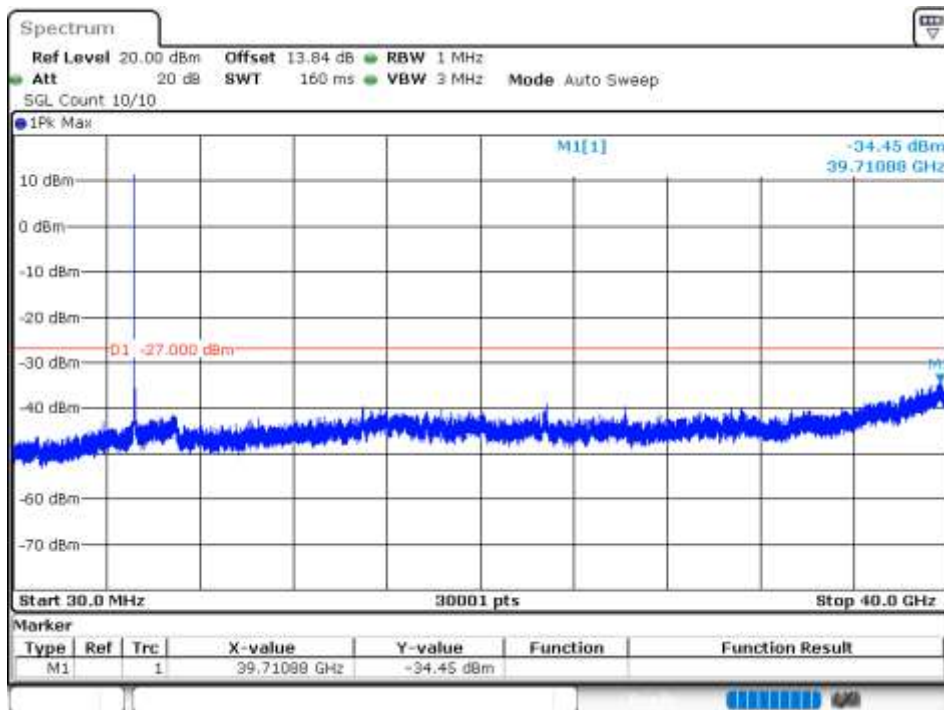
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant 1	-34.07	-27	Pass
NVNT	a	5200	Ant 1	-34.45	-27	Pass
NVNT	a	5240	Ant 1	-34.01	-27	Pass
NVNT	a	5180	Ant 2	-32.84	-27	Pass
NVNT	a	5200	Ant 2	-33.66	-27	Pass
NVNT	a	5240	Ant 2	-33.96	-27	Pass
NVNT	ac20	5180	Ant 1	-33.38	-27	Pass
NVNT	ac20	5200	Ant 1	-33.88	-27	Pass
NVNT	ac20	5240	Ant 1	-33.45	-27	Pass
NVNT	ac20	5180	Ant 2	-33.6	-27	Pass
NVNT	ac20	5200	Ant 2	-33.95	-27	Pass
NVNT	ac20	5240	Ant 2	-34.36	-27	Pass
NVNT	ac40	5190	Ant 1	-34.35	-27	Pass
NVNT	ac40	5230	Ant 1	-34.1	-27	Pass
NVNT	ac40	5190	Ant 2	-33.7	-27	Pass
NVNT	ac40	5230	Ant 2	-33.48	-27	Pass
NVNT	ac80	5210	Ant 1	-34.19	-27	Pass
NVNT	ac80	5210	Ant 2	-33.88	-27	Pass
NVNT	n20	5180	Ant 1	-31.84	-27	Pass
NVNT	n20	5200	Ant 1	-33.8	-27	Pass
NVNT	n20	5240	Ant 1	-34.07	-27	Pass
NVNT	n20	5180	Ant 2	-32.92	-27	Pass
NVNT	n20	5200	Ant 2	-34.1	-27	Pass
NVNT	n20	5240	Ant 2	-32.72	-27	Pass
NVNT	n40	5190	Ant 1	-33.66	-27	Pass
NVNT	n40	5230	Ant 1	-33.79	-27	Pass
NVNT	n40	5190	Ant 2	-33.47	-27	Pass
NVNT	n40	5230	Ant 2	-34.13	-27	Pass

Tx. Spurious NVNT a 5180MHz Ant 1 Emission



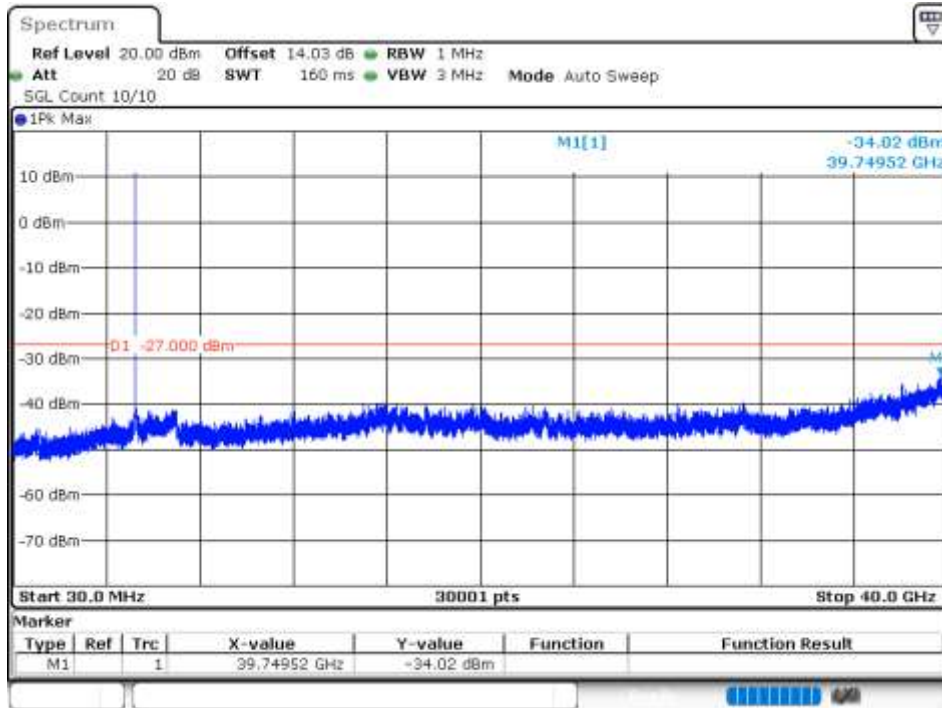


Tx. Spurious NVNT a 5200MHz Ant 1 Emission

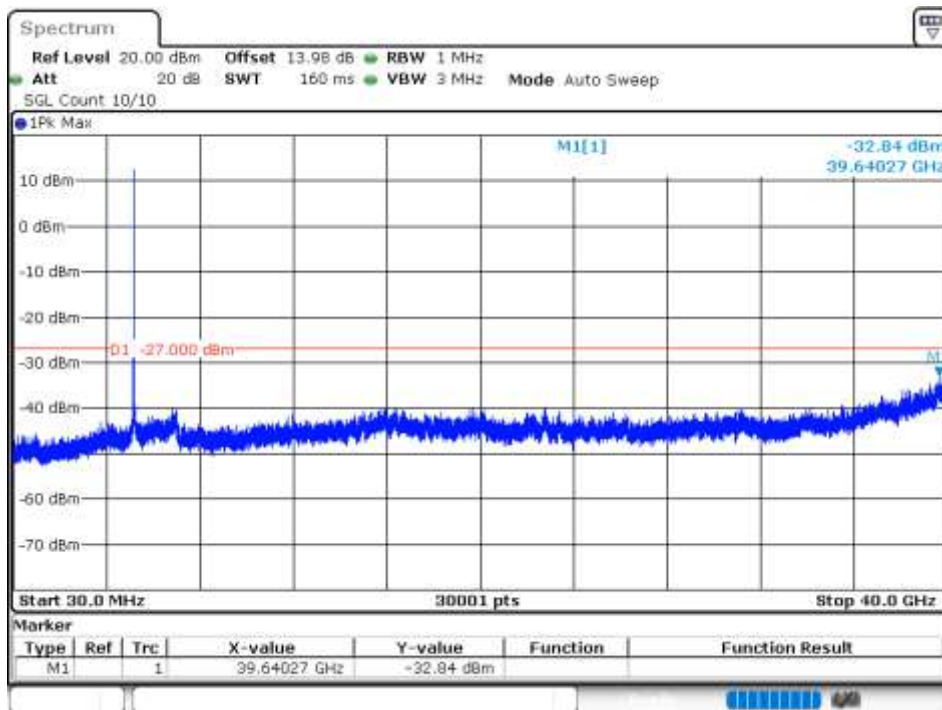


Tx. Spurious NVNT a 5240MHz Ant 1 Emission

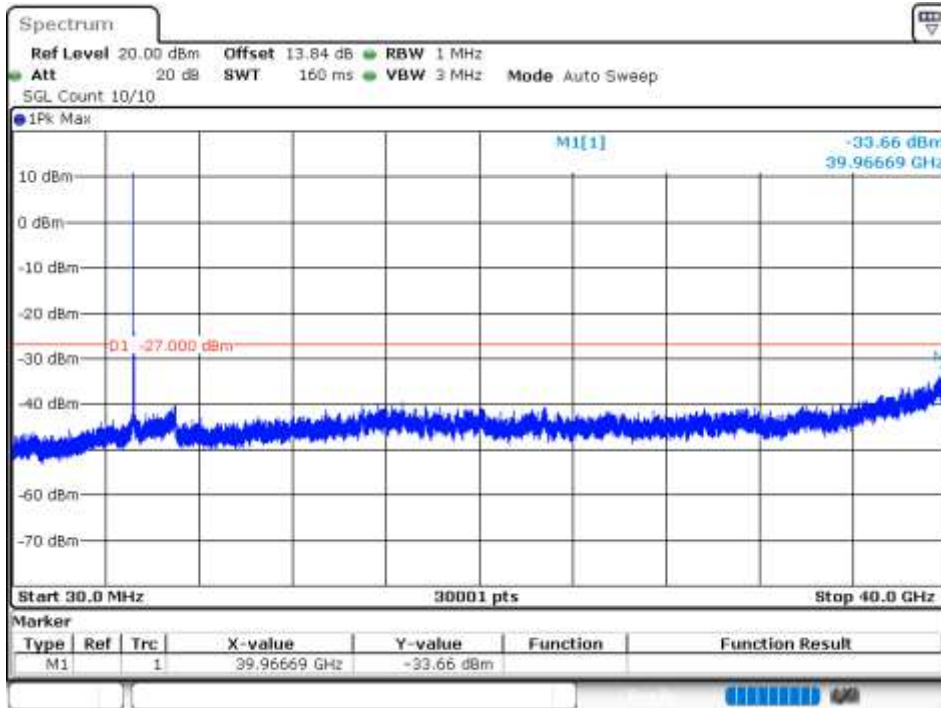




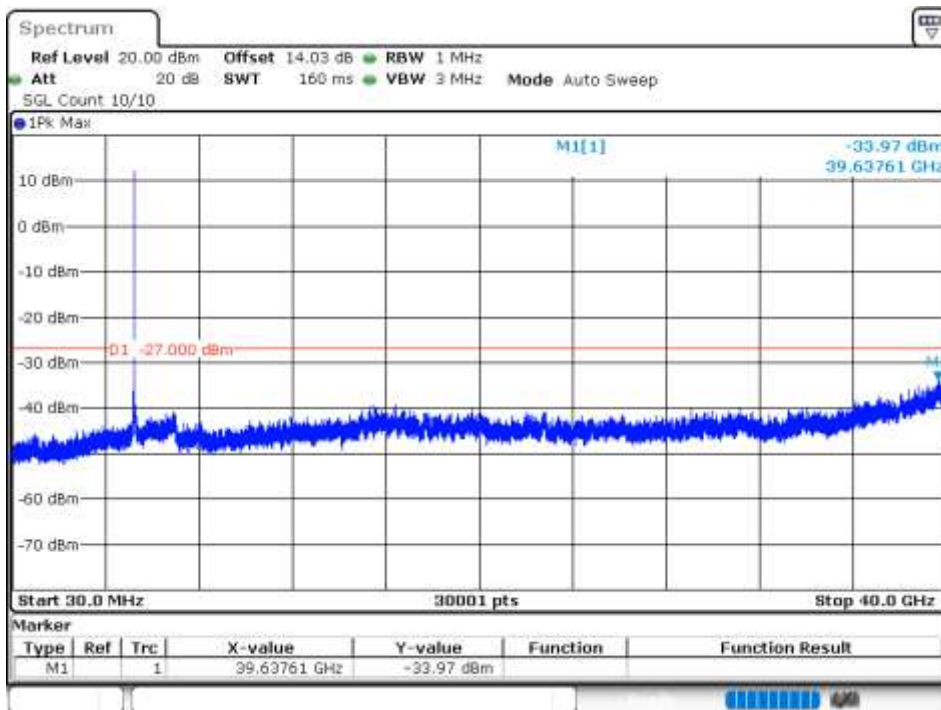
Tx. Spurious NVNT a 5180MHz Ant 2 Emission



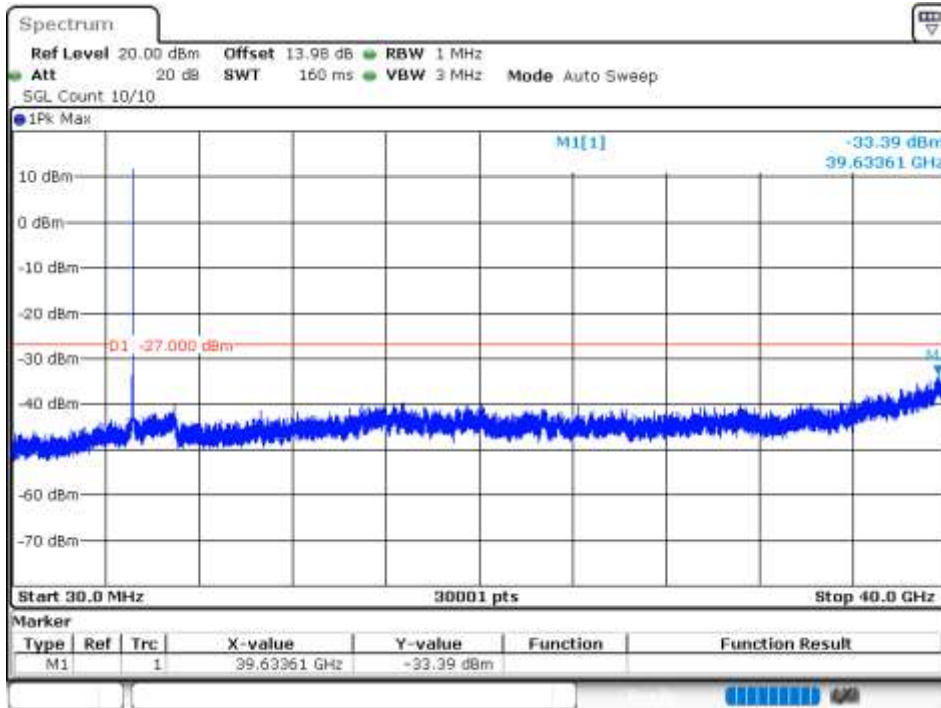
Tx. Spurious NVNT a 5200MHz Ant 2 Emission



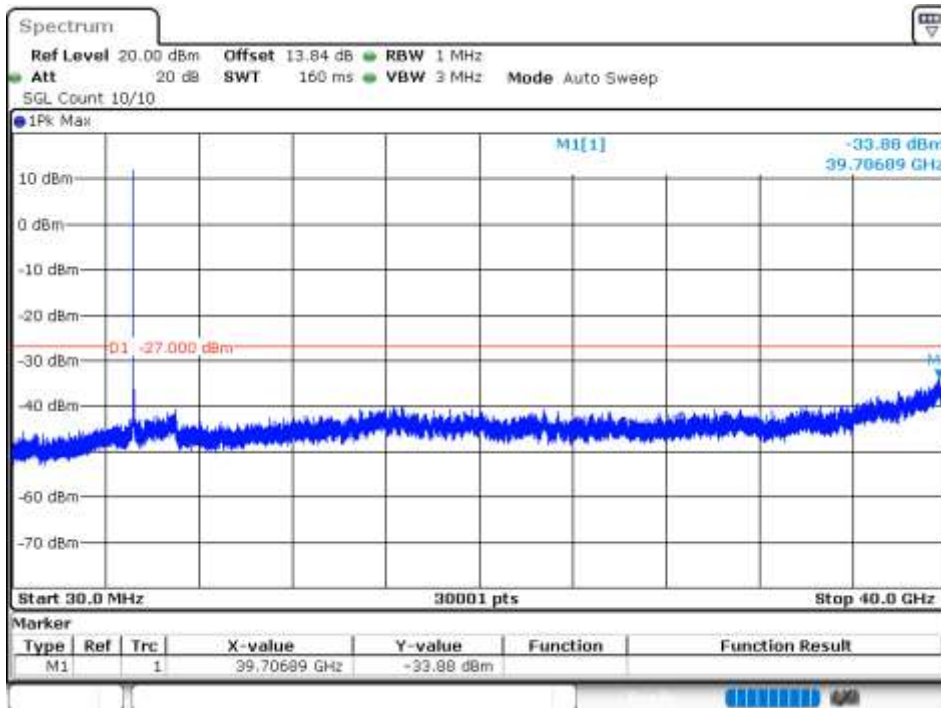
Tx. Spurious NVNT a 5240MHz Ant 2 Emission



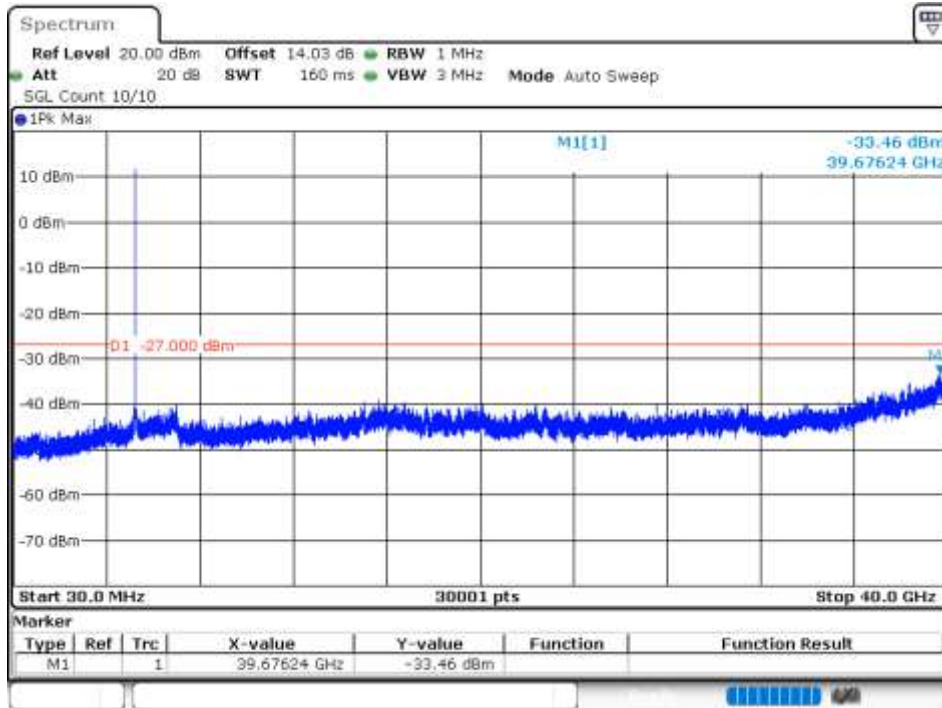
Tx. Spurious NVNT ac20 5180MHz Ant 1 Emission



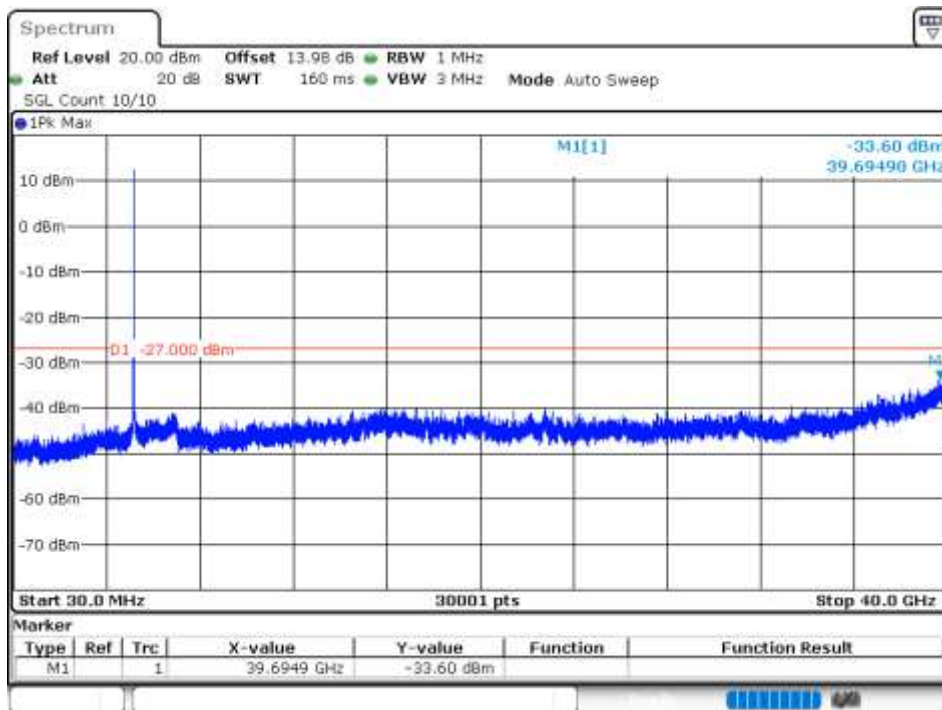
Tx. Spurious NVNT ac20 5200MHz Ant 1 Emission



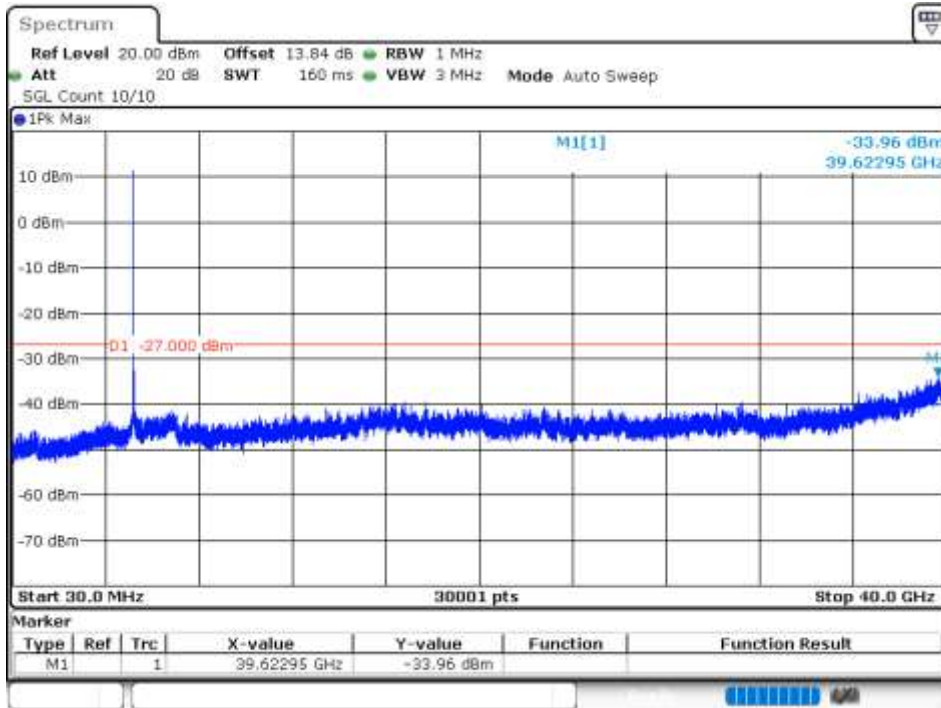
Tx. Spurious NVNT ac20 5240MHz Ant 1 Emission



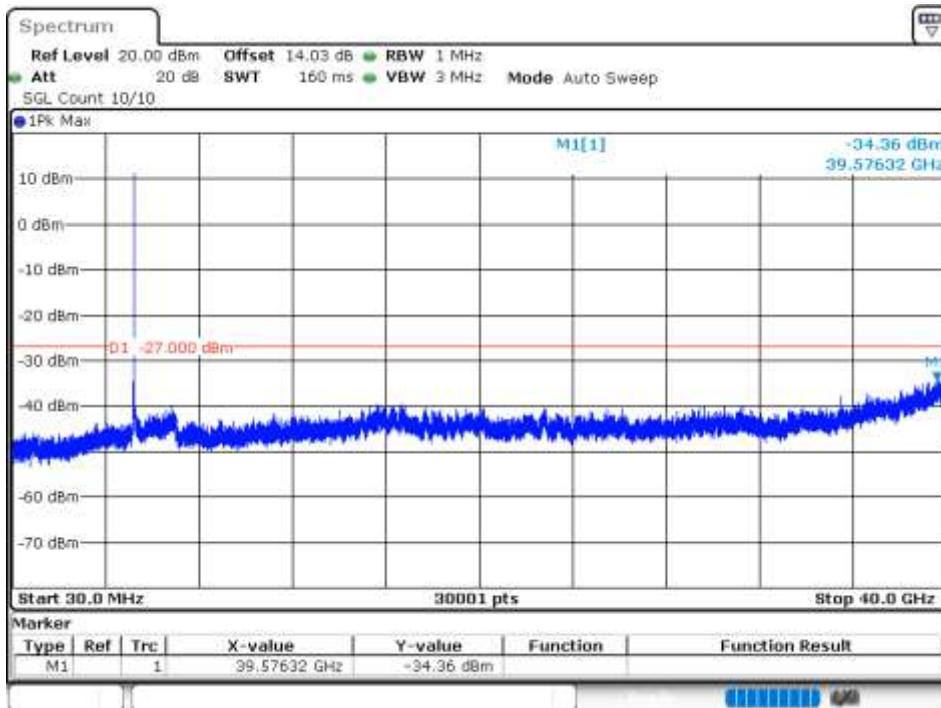
Tx. Spurious NVNT ac20 5180MHz Ant 2 Emission



Tx. Spurious NVNT ac20 5200MHz Ant 2 Emission

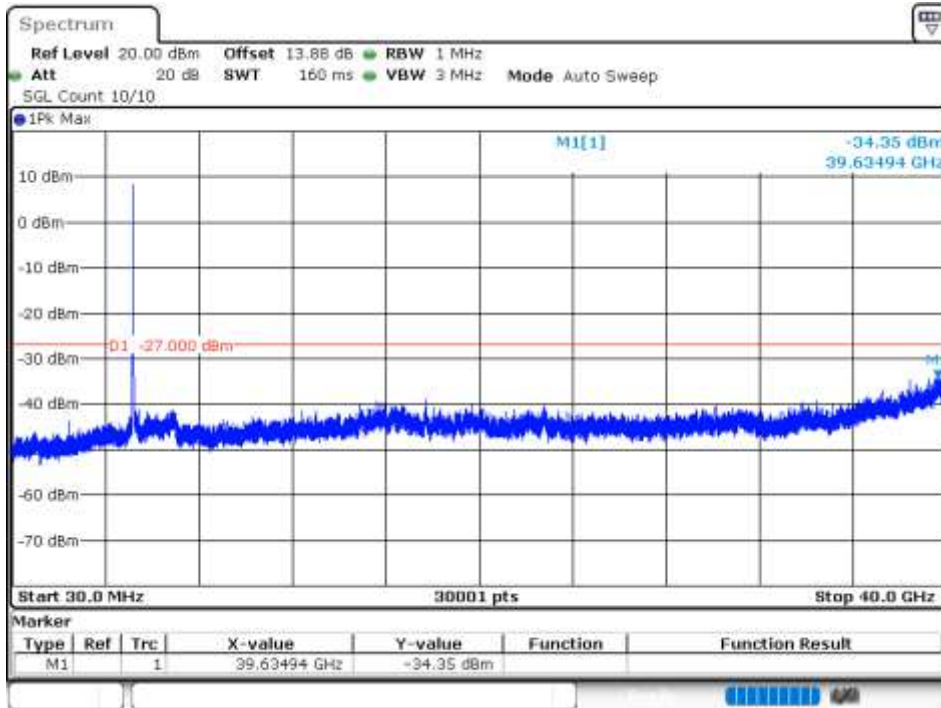


Tx. Spurious NVNT ac20 5240MHz Ant 2 Emission

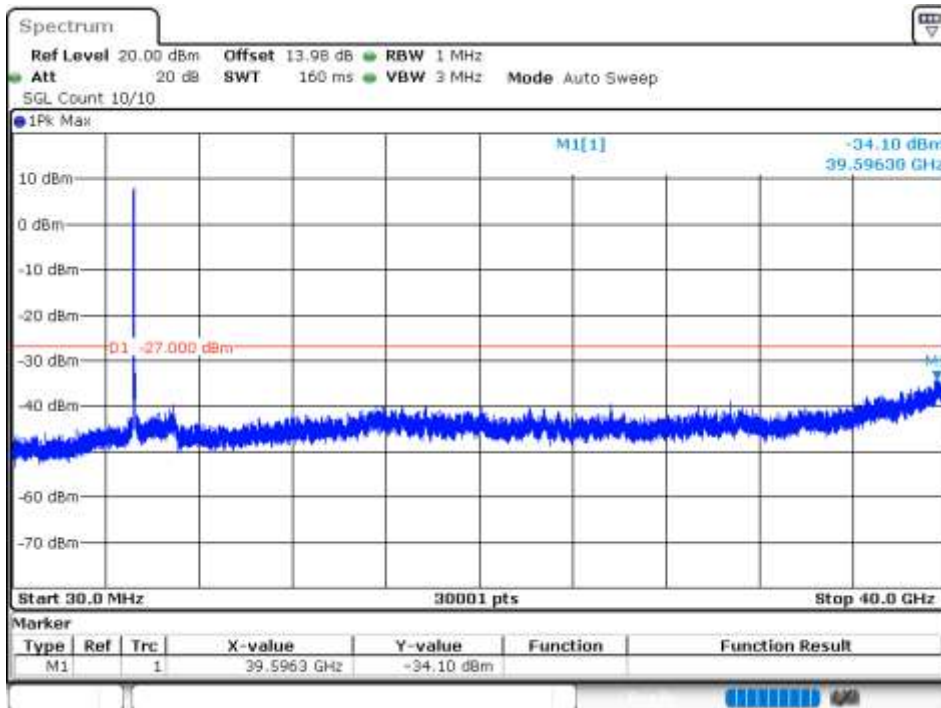


Tx. Spurious NVNT ac40 5190MHz Ant 1 Emission



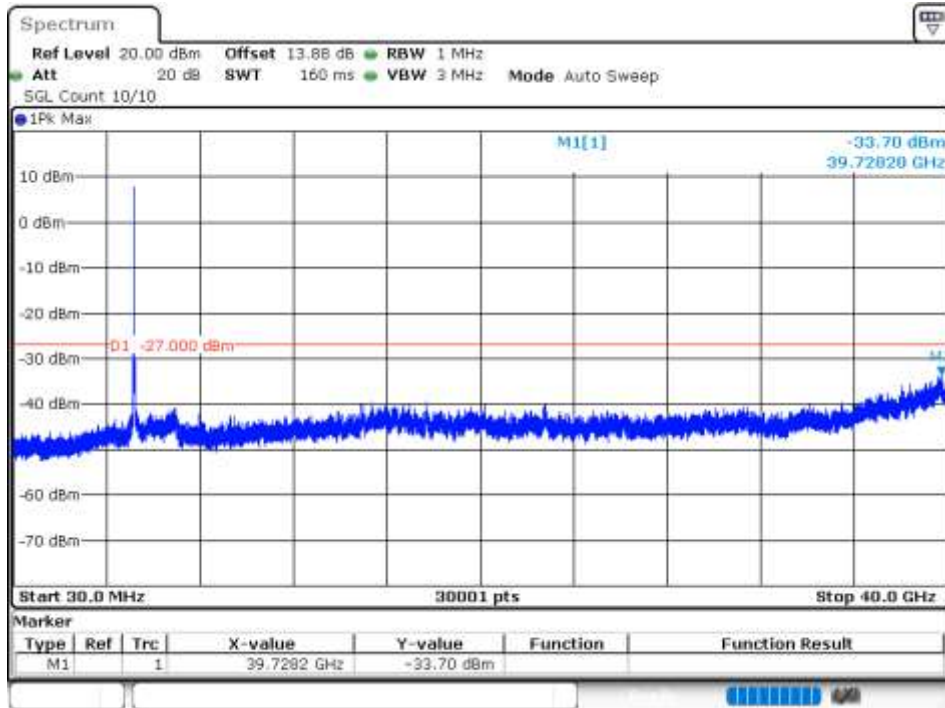


Tx. Spurious NVNT ac40 5230MHz Ant 1 Emission

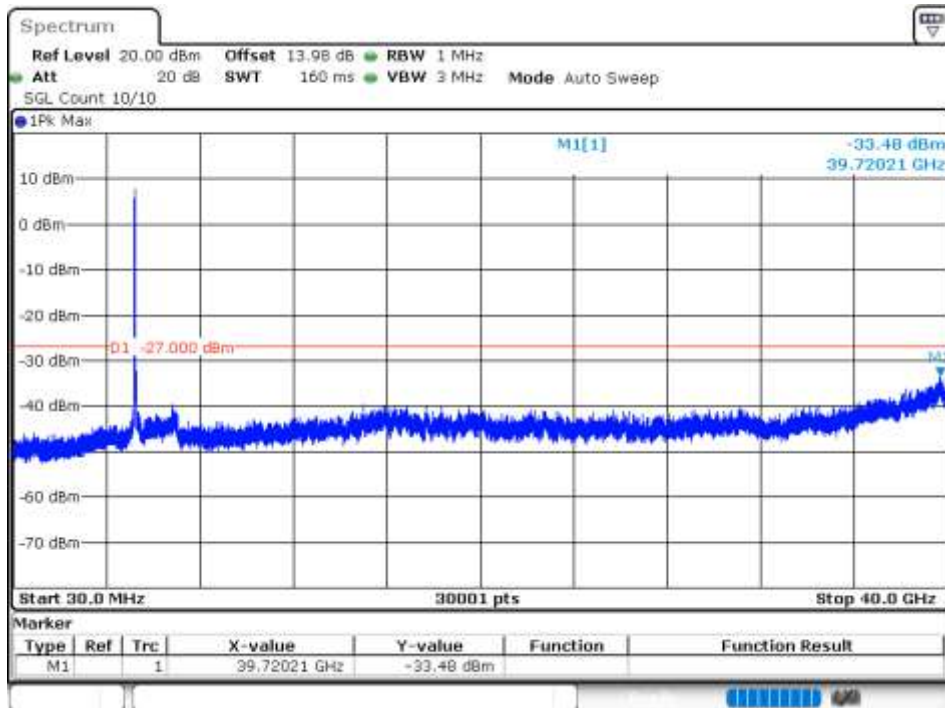


Tx. Spurious NVNT ac40 5190MHz Ant 2 Emission

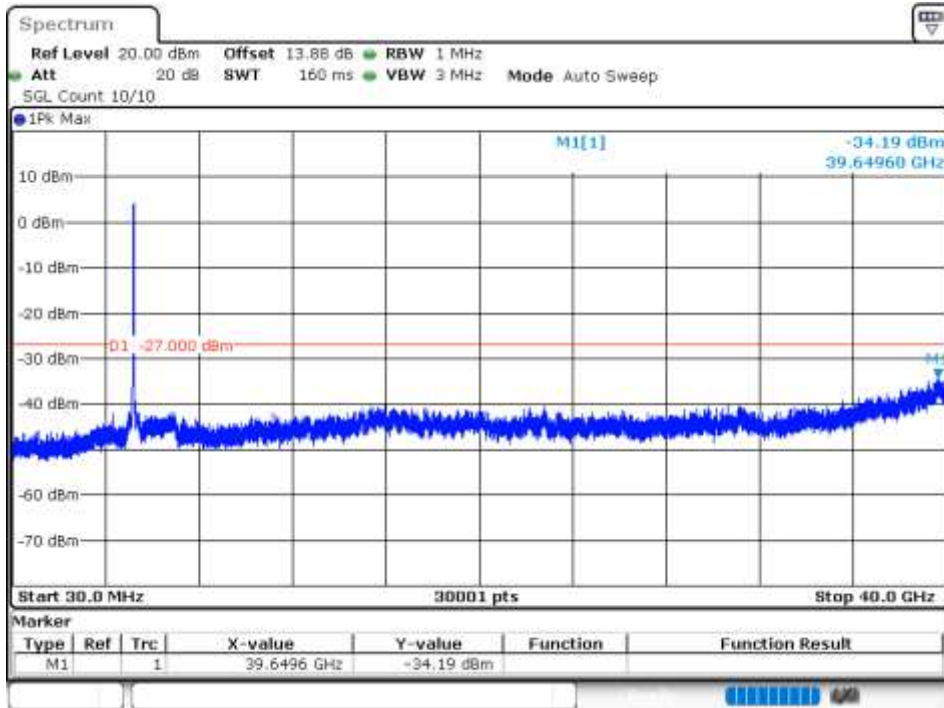




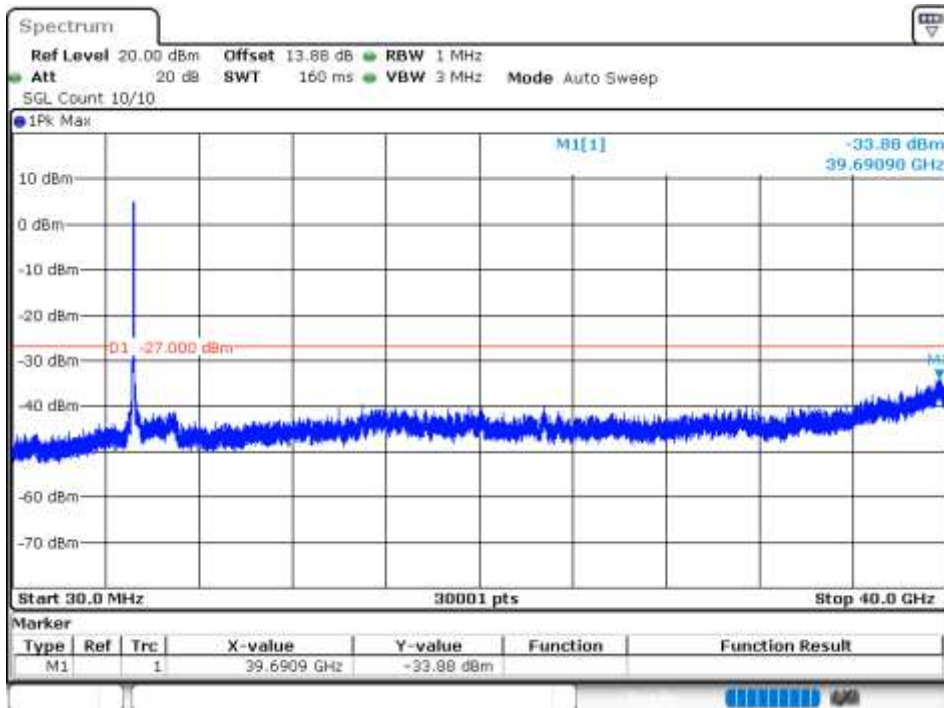
Tx. Spurious NVNT ac40 5230MHz Ant 2 Emission



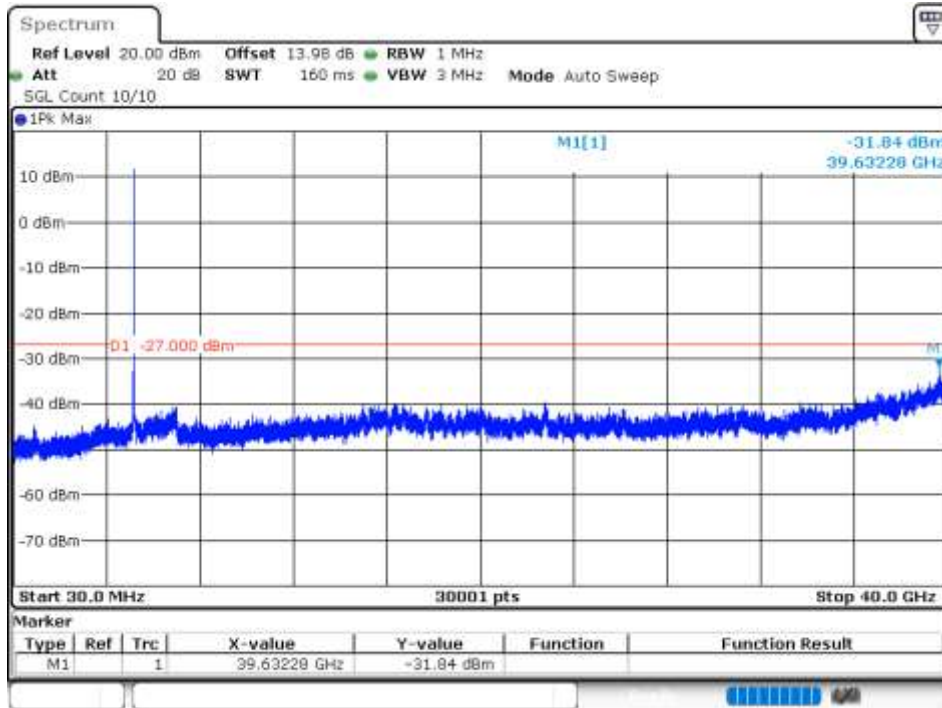
Tx. Spurious NVNT ac80 5210MHz Ant 1 Emission



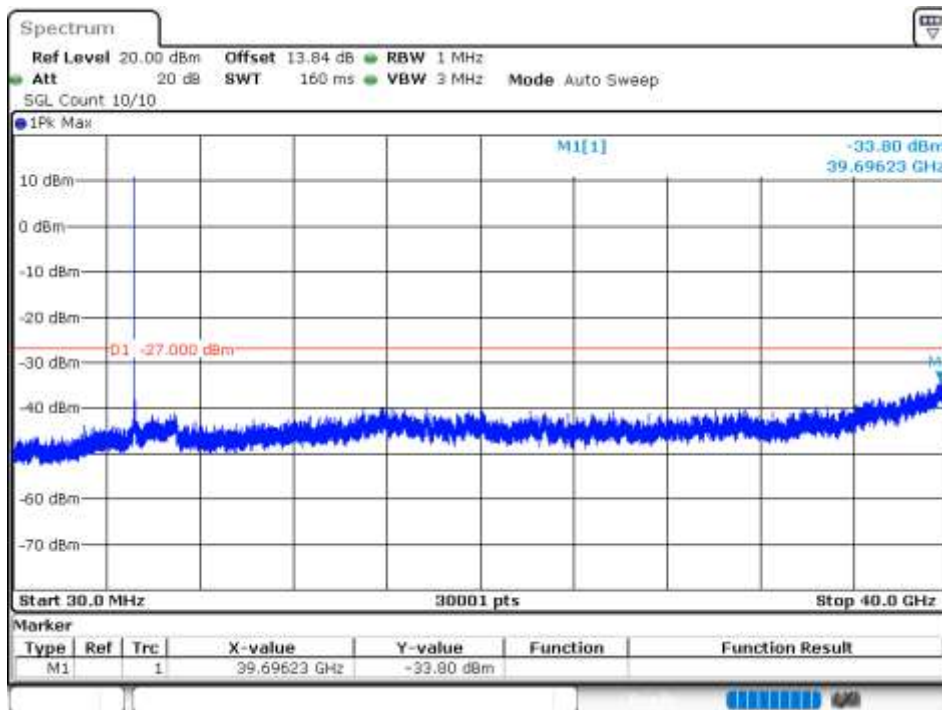
Tx. Spurious NVNT ac80 5210MHz Ant 2 Emission



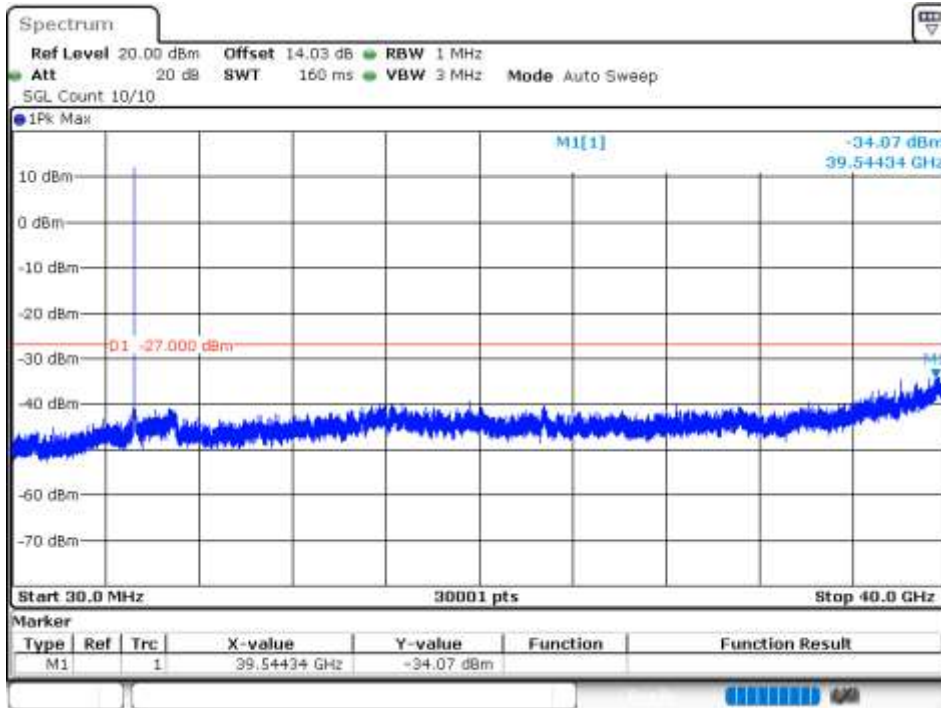
Tx. Spurious NVNT n20 5180MHz Ant 1 Emission



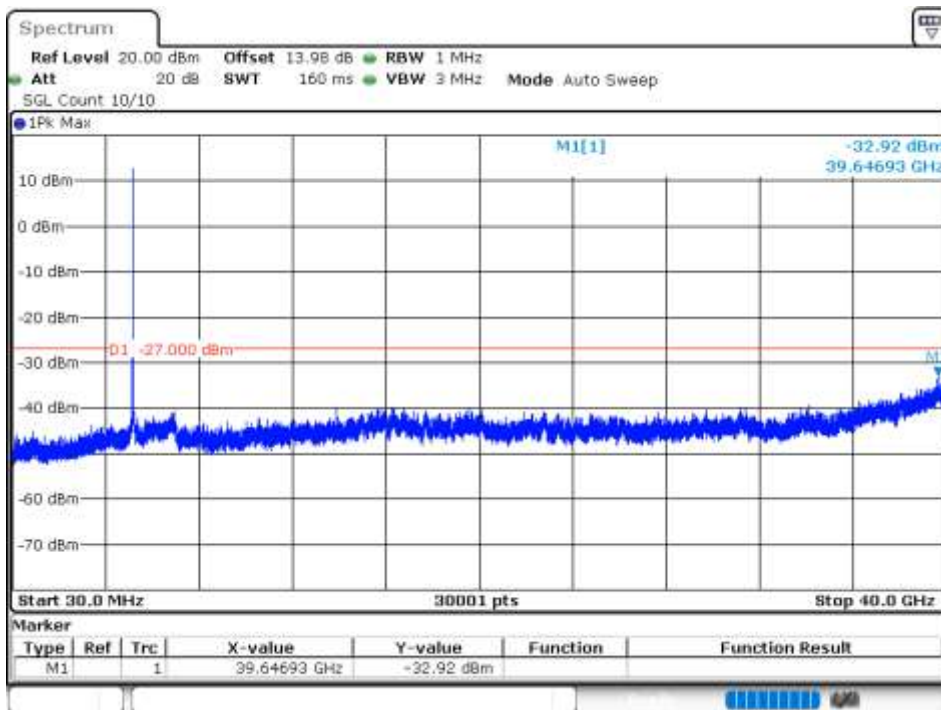
Tx. Spurious NVNT n20 5200MHz Ant 1 Emission



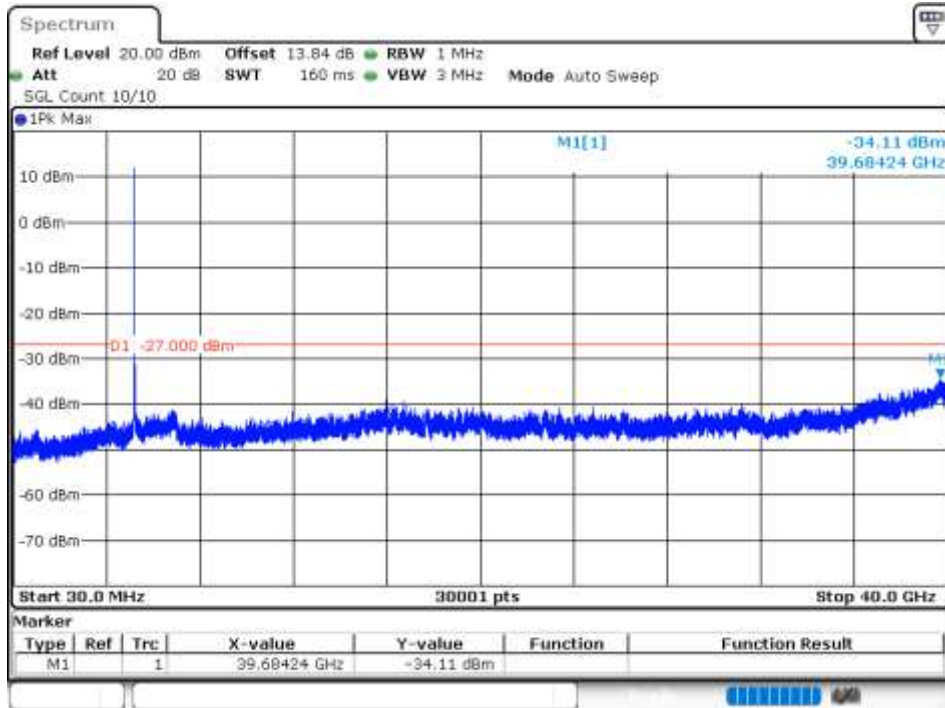
Tx. Spurious NVNT n20 5240MHz Ant 1 Emission



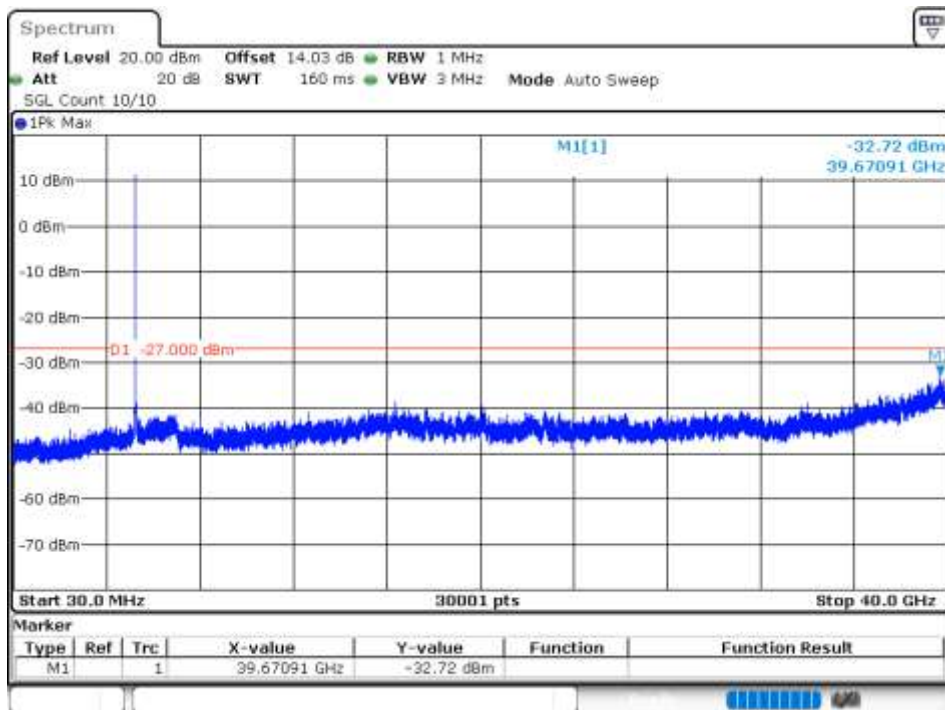
Tx. Spurious NVNT n20 5180MHz Ant 2 Emission



Tx. Spurious NVNT n20 5200MHz Ant 2 Emission

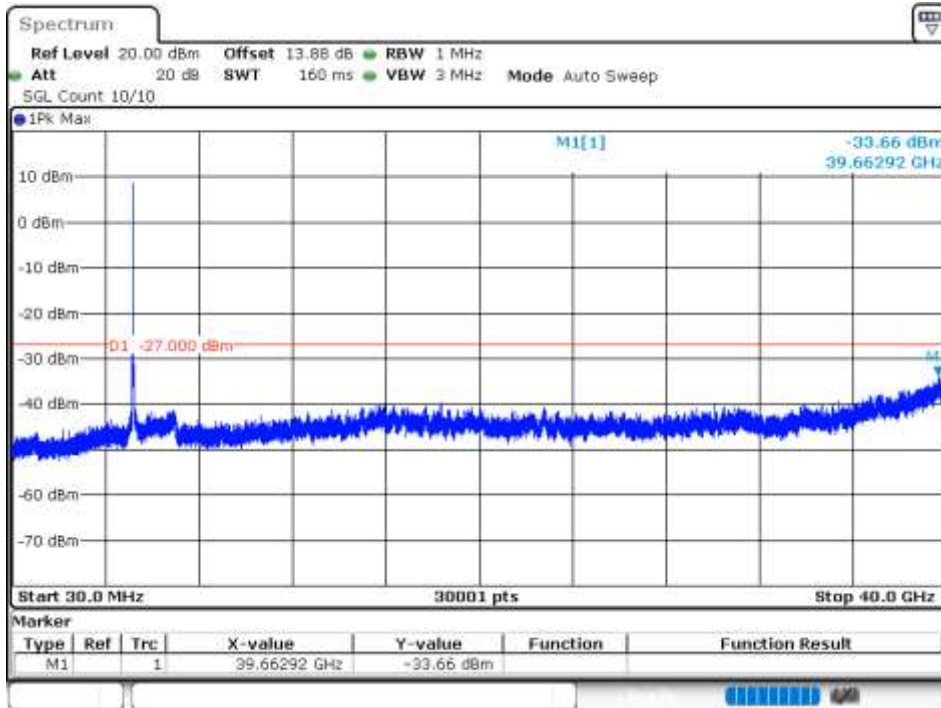


Tx. Spurious NVNT n20 5240MHz Ant 2 Emission

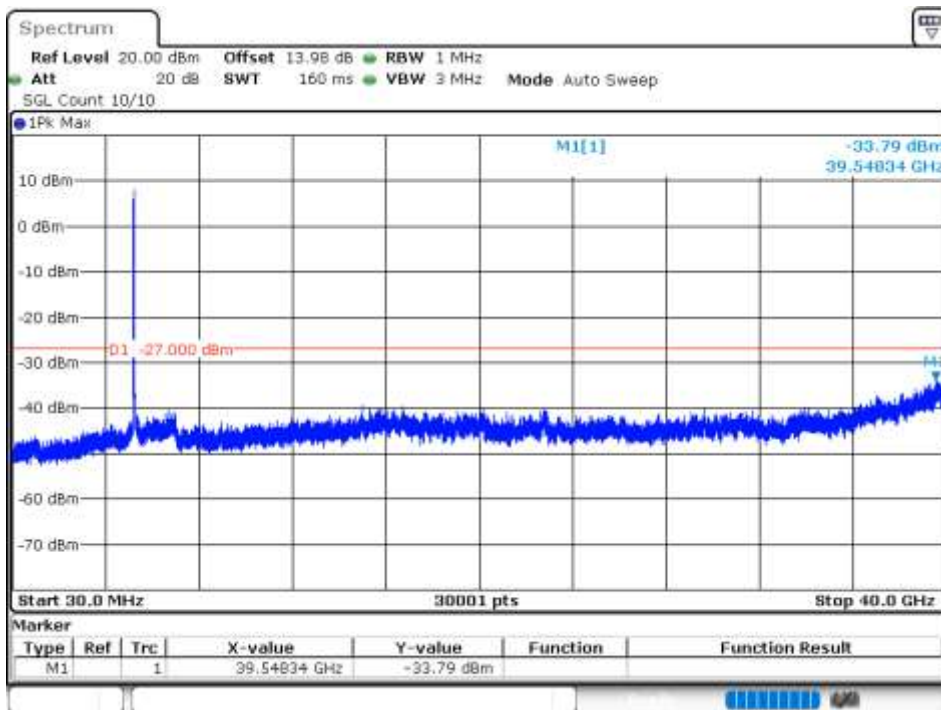


Tx. Spurious NVNT n40 5190MHz Ant 1 Emission



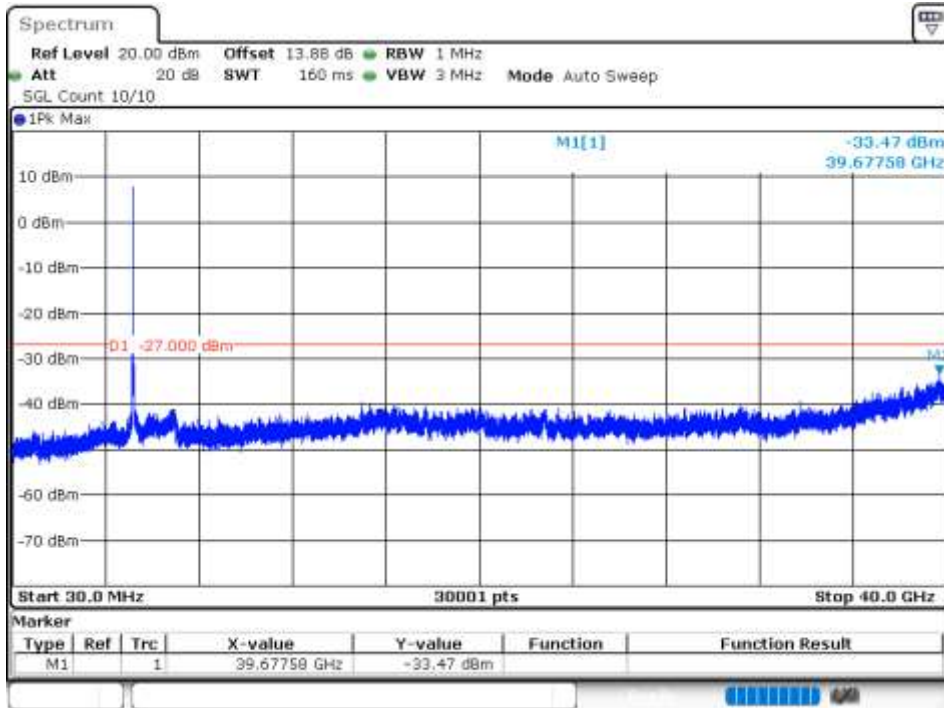


Tx. Spurious NVNT n40 5230MHz Ant 1 Emission

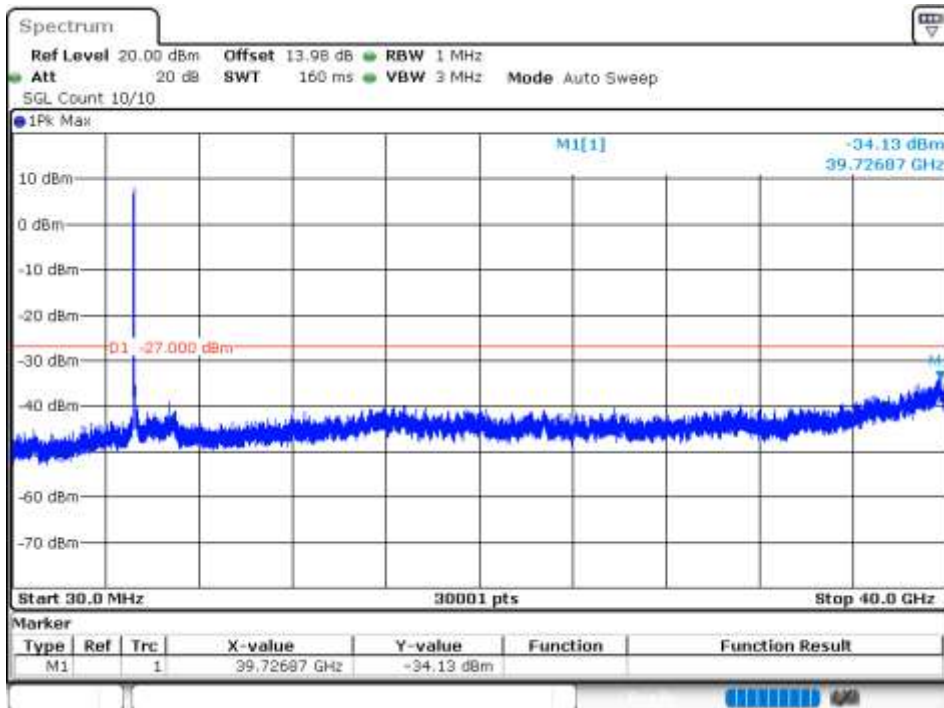


Tx. Spurious NVNT n40 5190MHz Ant 2 Emission





Tx. Spurious NVNT n40 5230MHz Ant 2 Emission

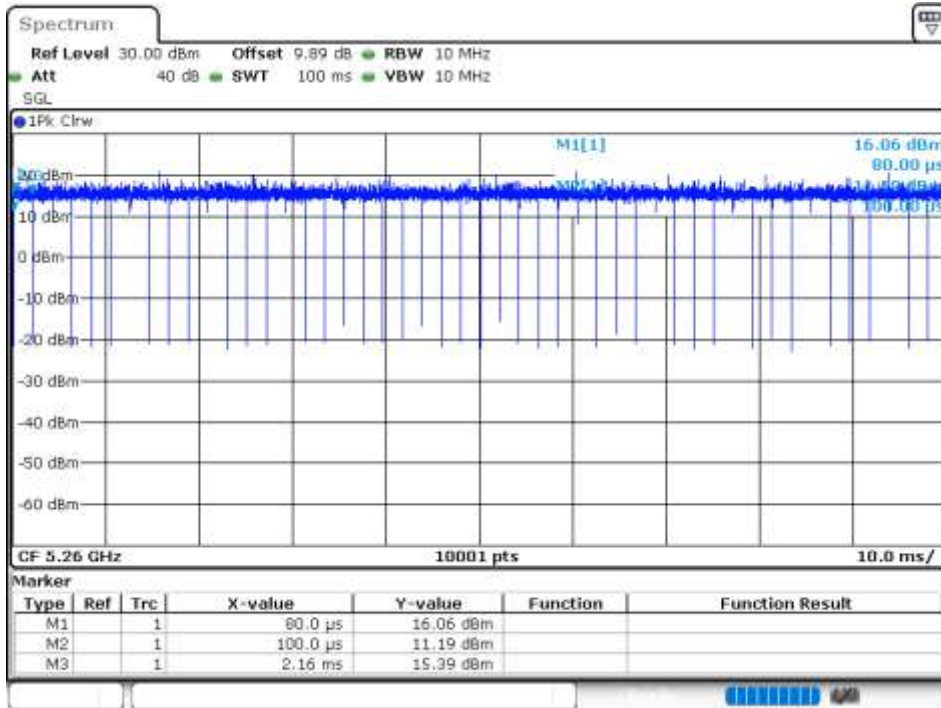


## 5.3G WIFI

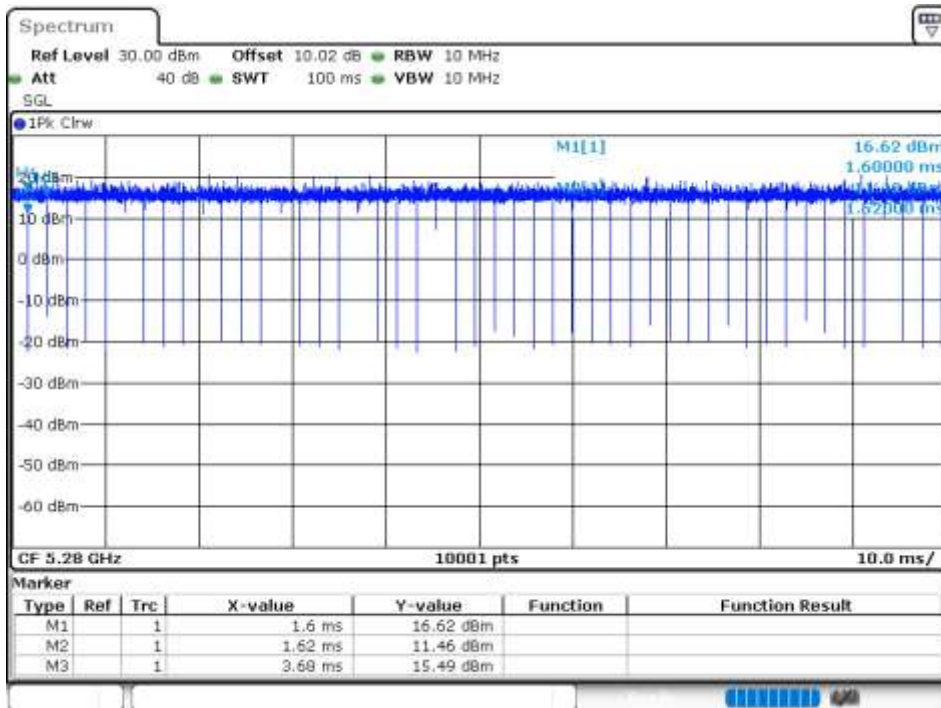
### Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant 1	99.61	0.02	0.49
NVNT	a	5280	Ant 1	99.58	0.02	0.49
NVNT	a	5320	Ant 1	99.59	0.02	0.49
NVNT	a	5260	Ant 2	99.58	0.02	0.48
NVNT	a	5280	Ant 2	99.58	0.02	0.49
NVNT	a	5320	Ant 2	99.59	0.02	0.24
NVNT	ac20	5260	Ant 1	99.55	0.02	0.52
NVNT	ac20	5280	Ant 1	99.57	0.02	0.52
NVNT	ac20	5320	Ant 1	99.55	0.02	0.52
NVNT	ac20	5260	Ant 2	99.54	0.02	0.52
NVNT	ac20	5280	Ant 2	99.55	0.02	0.52
NVNT	ac20	5320	Ant 2	99.54	0.02	0.17
NVNT	ac40	5270	Ant 1	99.41	0.03	0.32
NVNT	ac40	5310	Ant 1	99.39	0.03	0.65
NVNT	ac40	5270	Ant 2	99.42	0.03	0.65
NVNT	ac40	5310	Ant 2	99.41	0.03	0.65
NVNT	ac80	5290	Ant 1	99.56	0.02	0.45
NVNT	ac80	5290	Ant 2	99.58	0.02	0.45
NVNT	n20	5260	Ant 1	97.85	0.09	0.76
NVNT	n20	5280	Ant 1	97.85	0.09	0.76
NVNT	n20	5320	Ant 1	97.85	0.09	0.77
NVNT	n20	5260	Ant 2	97.83	0.1	0.76
NVNT	n20	5280	Ant 2	97.83	0.1	0.76
NVNT	n20	5320	Ant 2	97.87	0.09	0.76
NVNT	n40	5270	Ant 1	99.36	0.03	0.65
NVNT	n40	5310	Ant 1	99.36	0.03	0.65
NVNT	n40	5270	Ant 2	99.36	0.03	0.65
NVNT	n40	5310	Ant 2	99.36	0.03	0.65

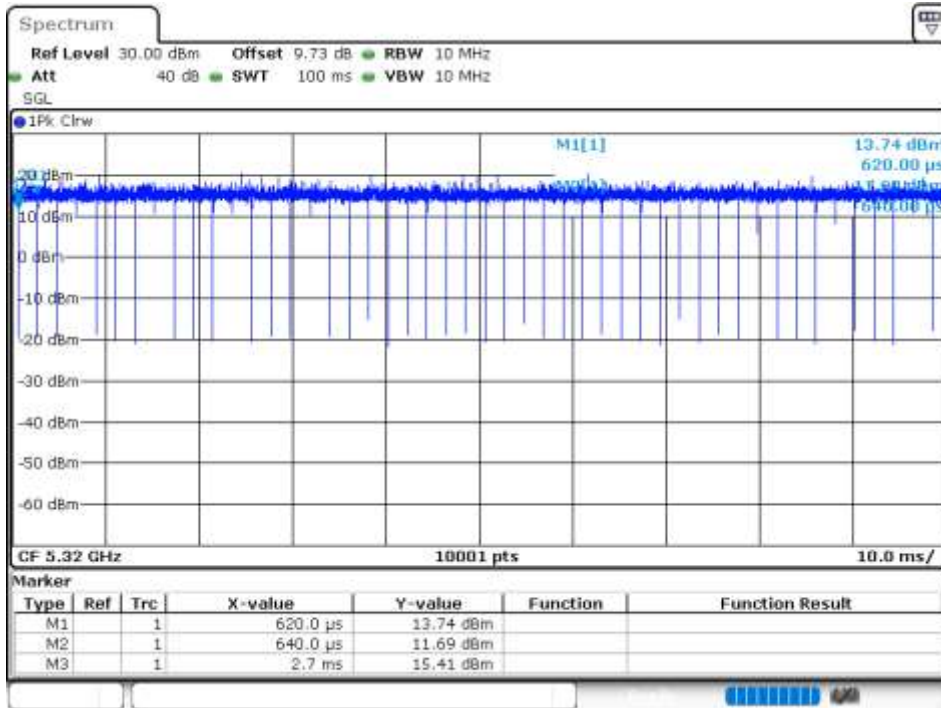
Duty Cycle NVNT a 5260MHz Ant 1



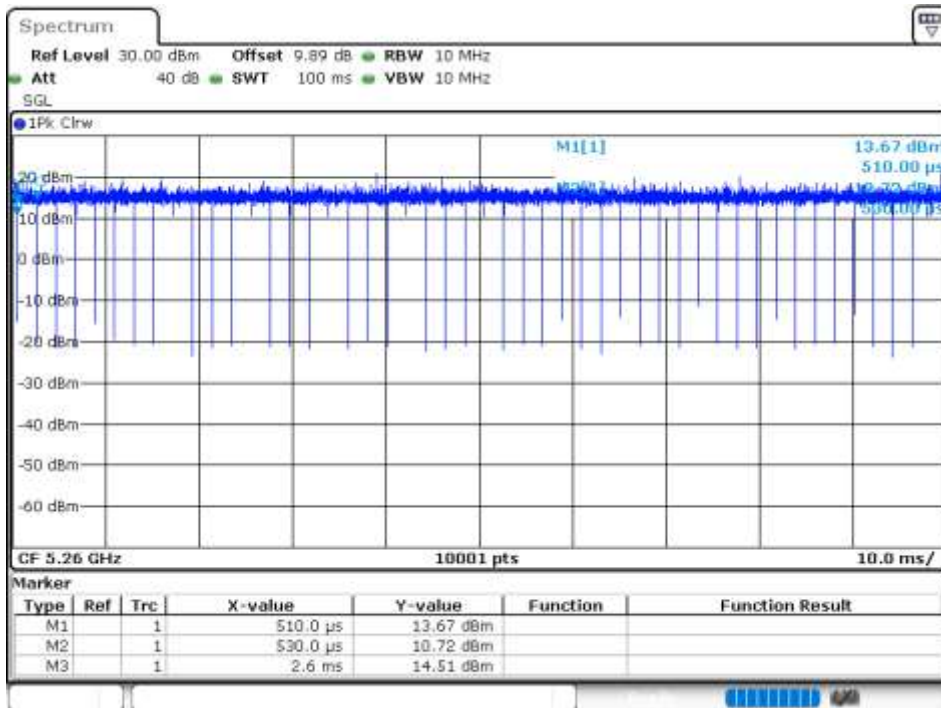
Duty Cycle NVNT a 5280MHz Ant 1



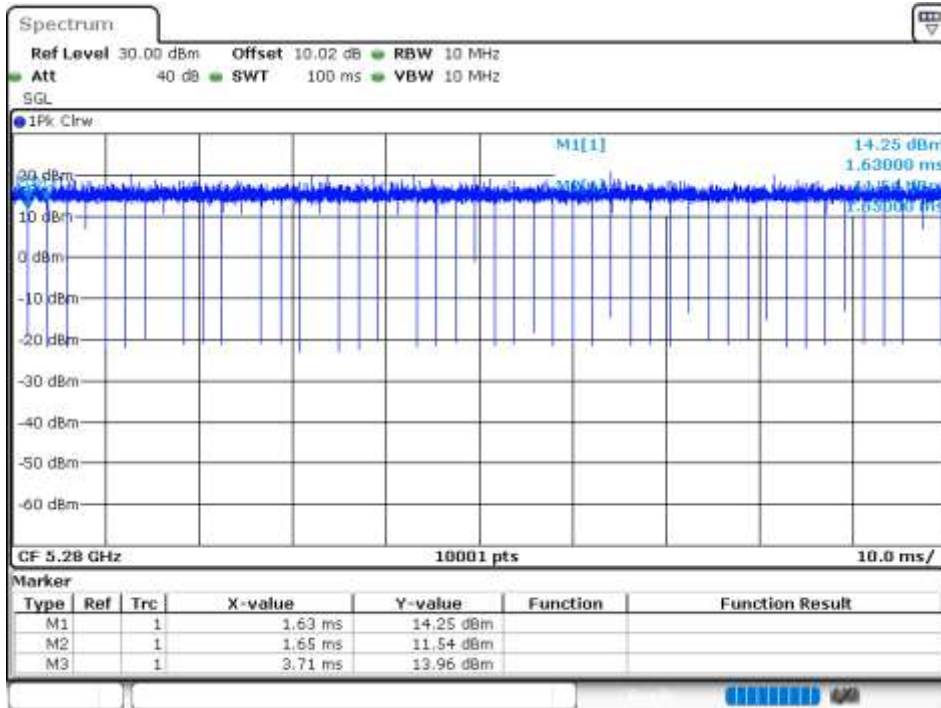
Duty Cycle NVNT a 5320MHz Ant 1



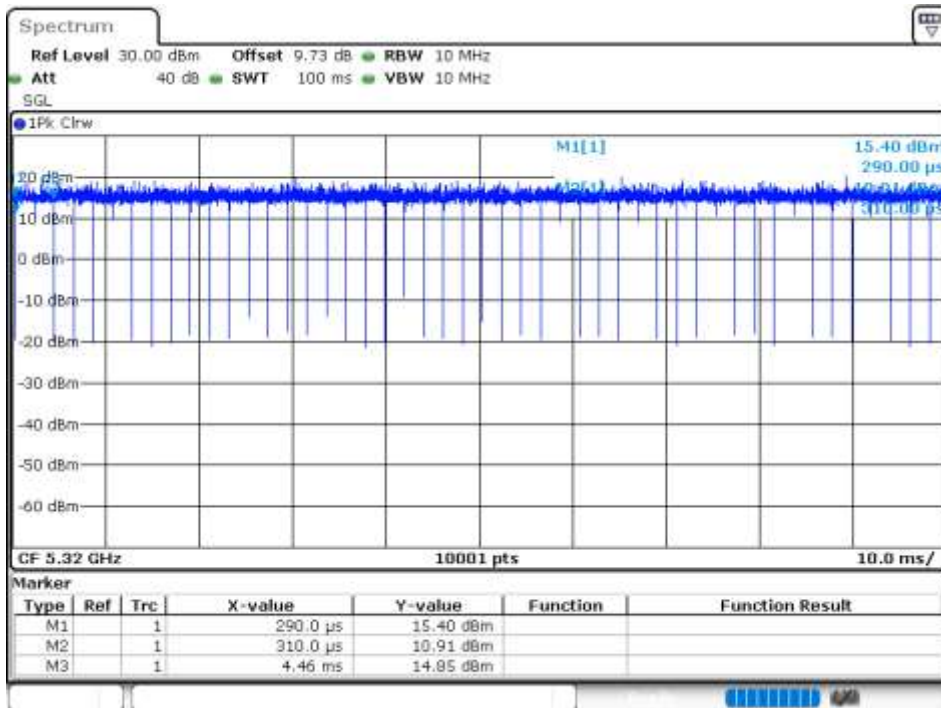
Duty Cycle NVNT a 5260MHz Ant 2



Duty Cycle NVNT a 5280MHz Ant 2

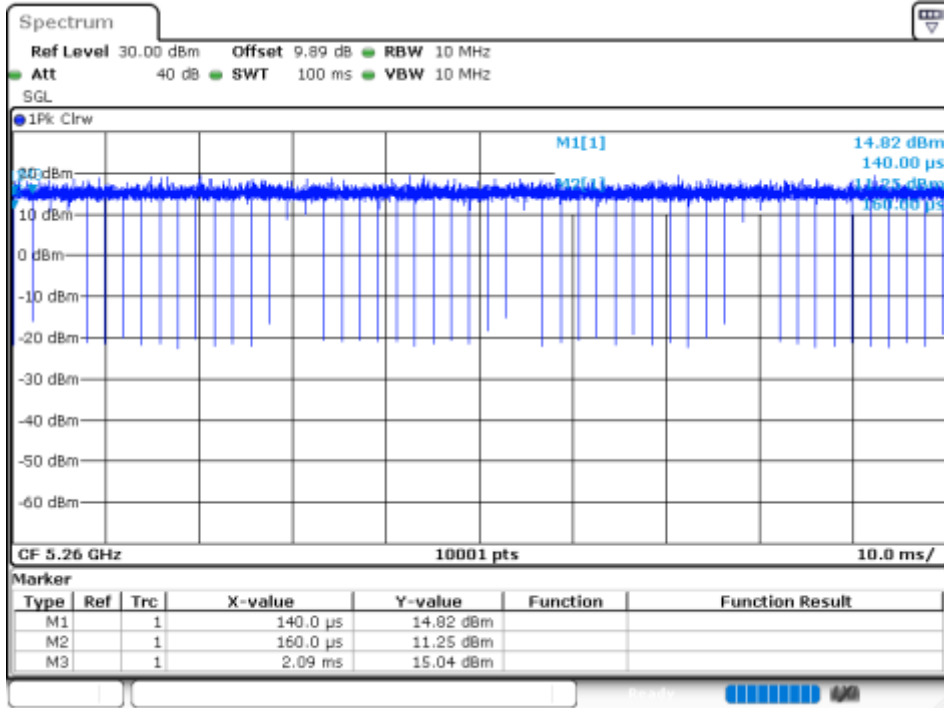


Duty Cycle NVNT a 5320MHz Ant 2

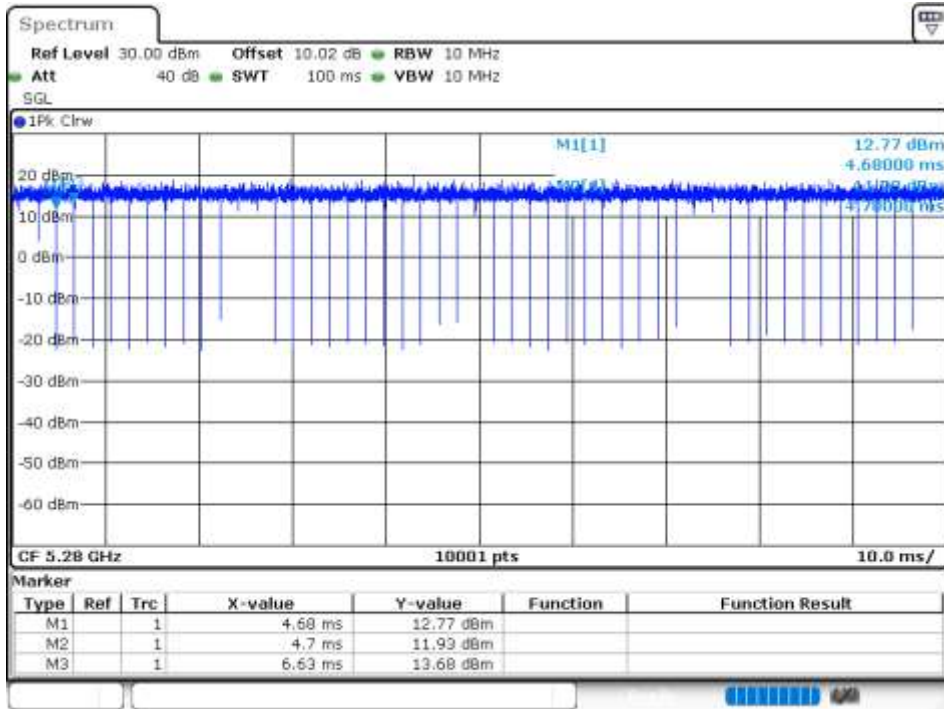


Duty Cycle NVNT ac20 5260MHz Ant 1



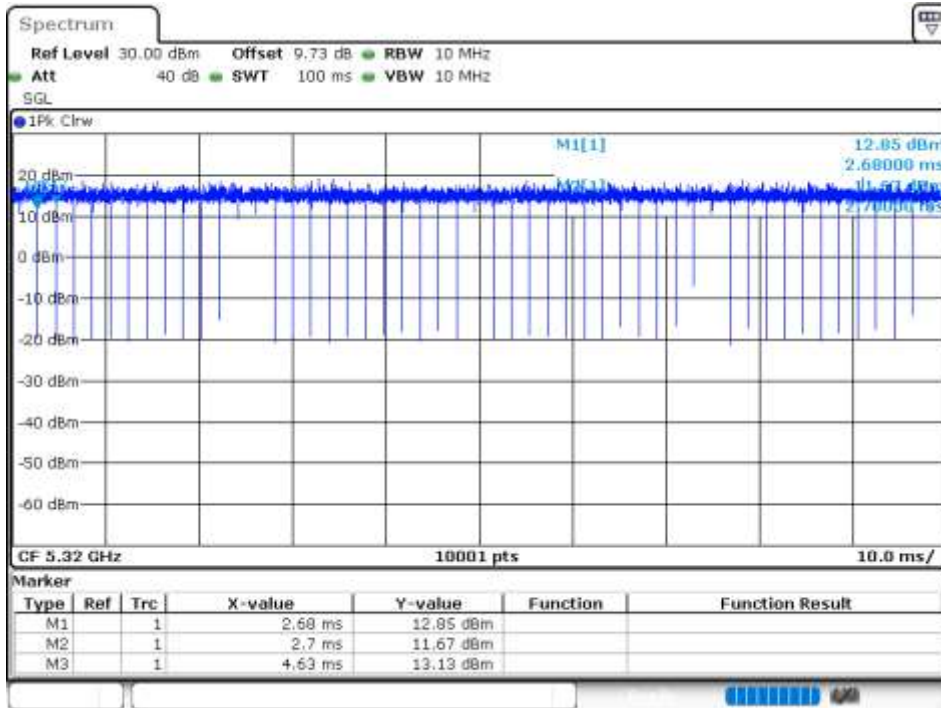


Duty Cycle NVNT ac20 5280MHz Ant 1

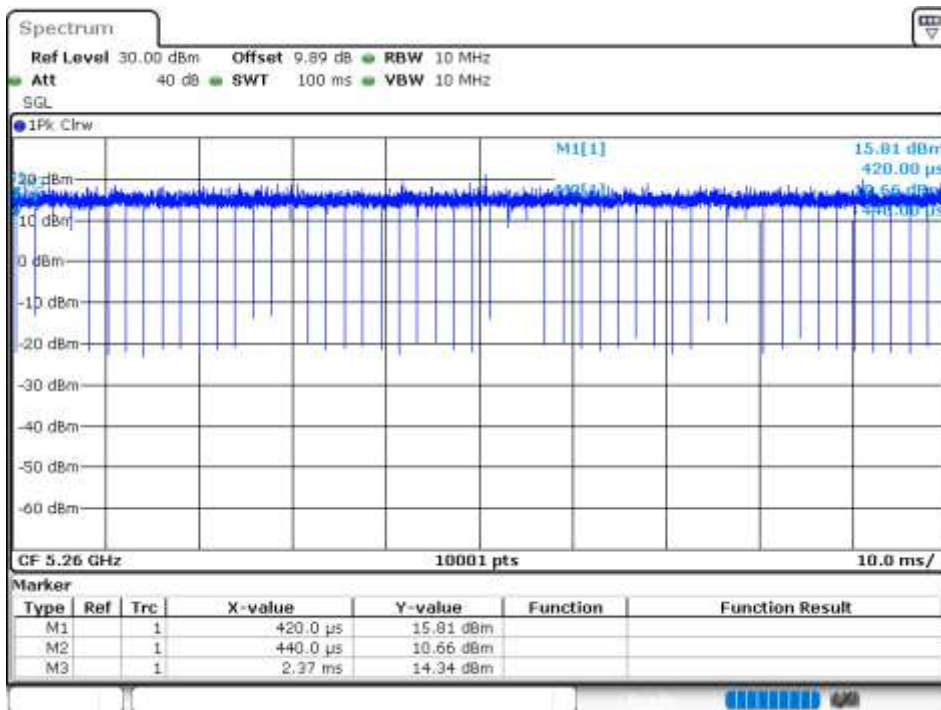


Duty Cycle NVNT ac20 5320MHz Ant 1

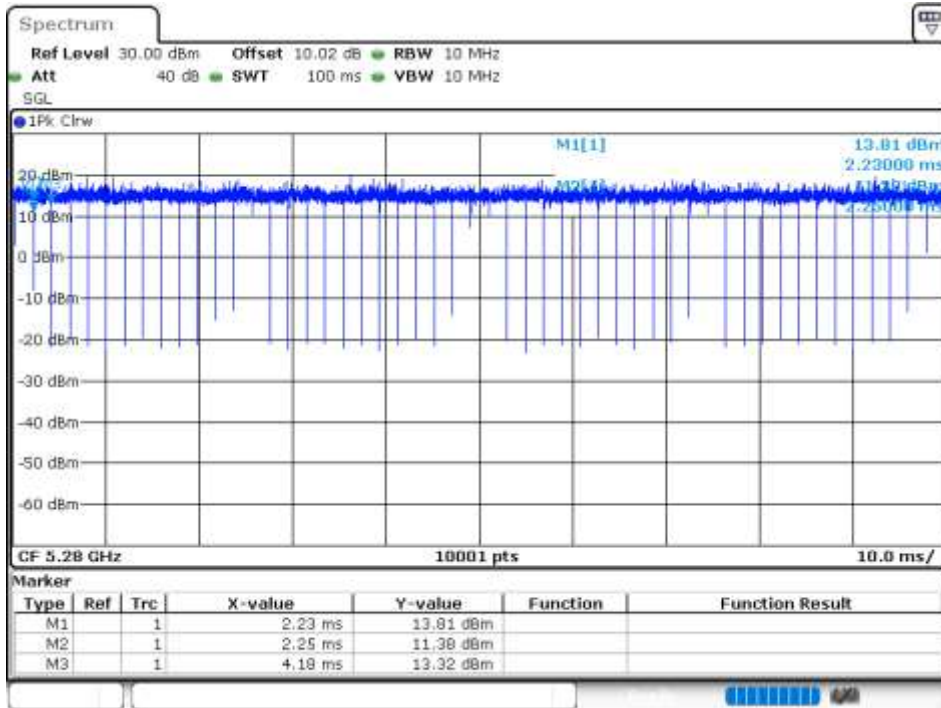




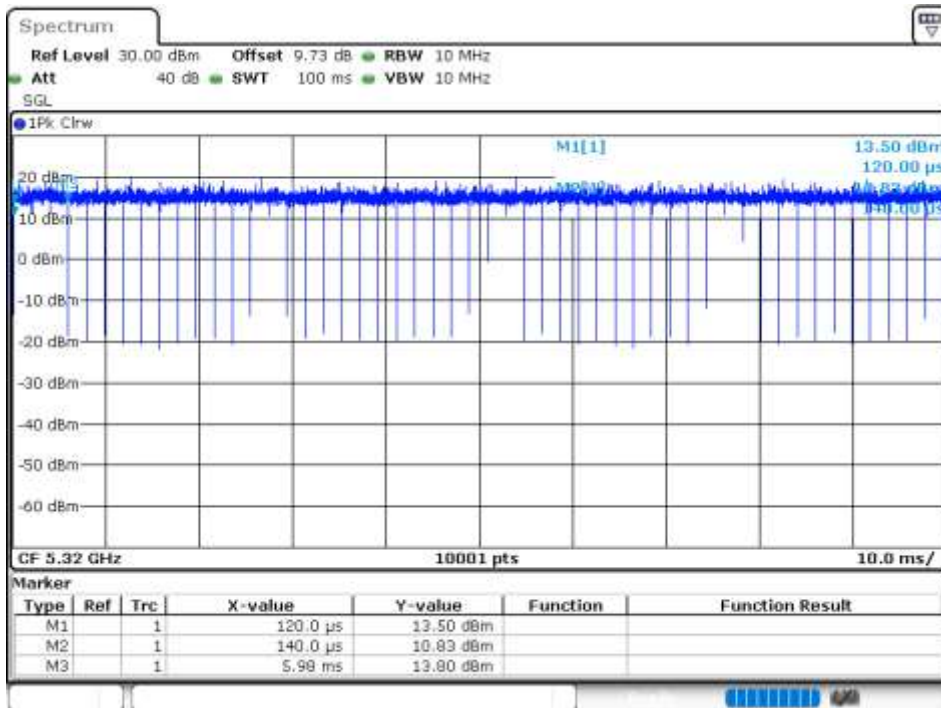
Duty Cycle NVNT ac20 5260MHz Ant 2



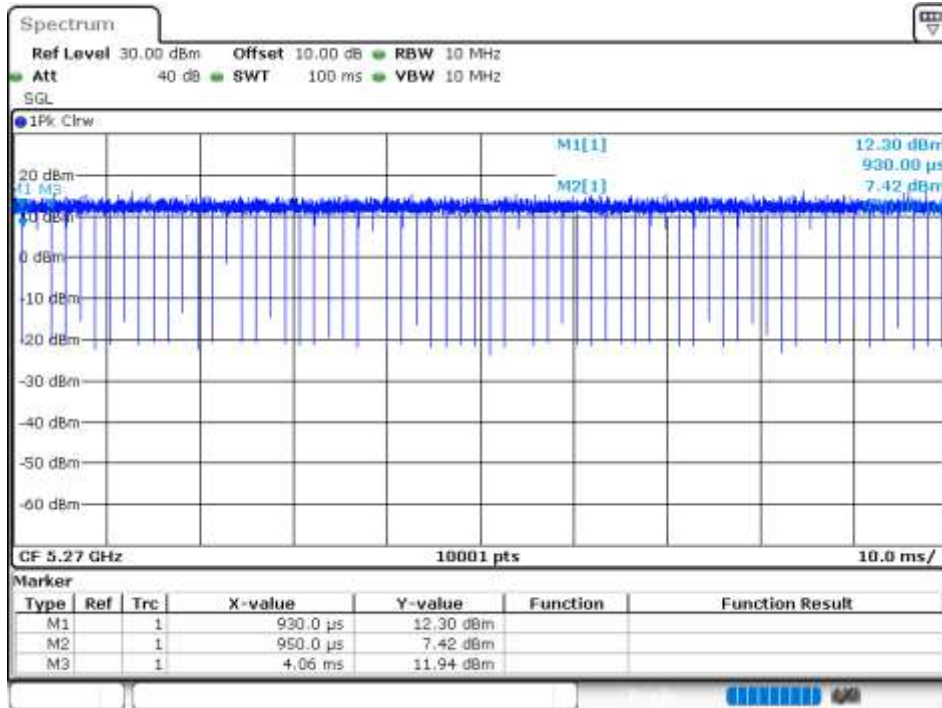
Duty Cycle NVNT ac20 5280MHz Ant 2



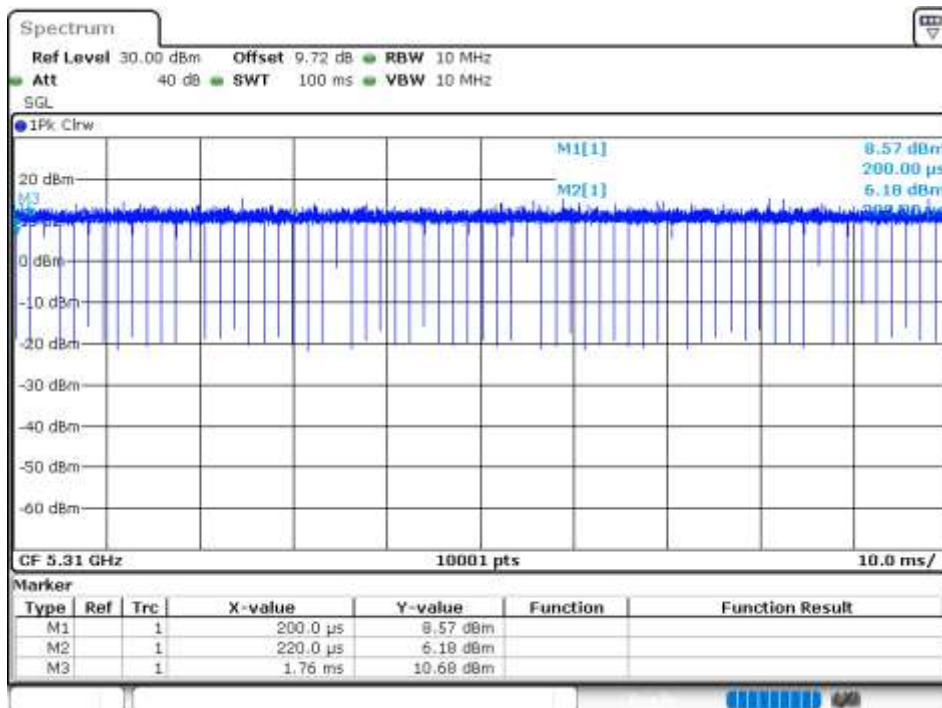
Duty Cycle NVNT ac20 5320MHz Ant 2



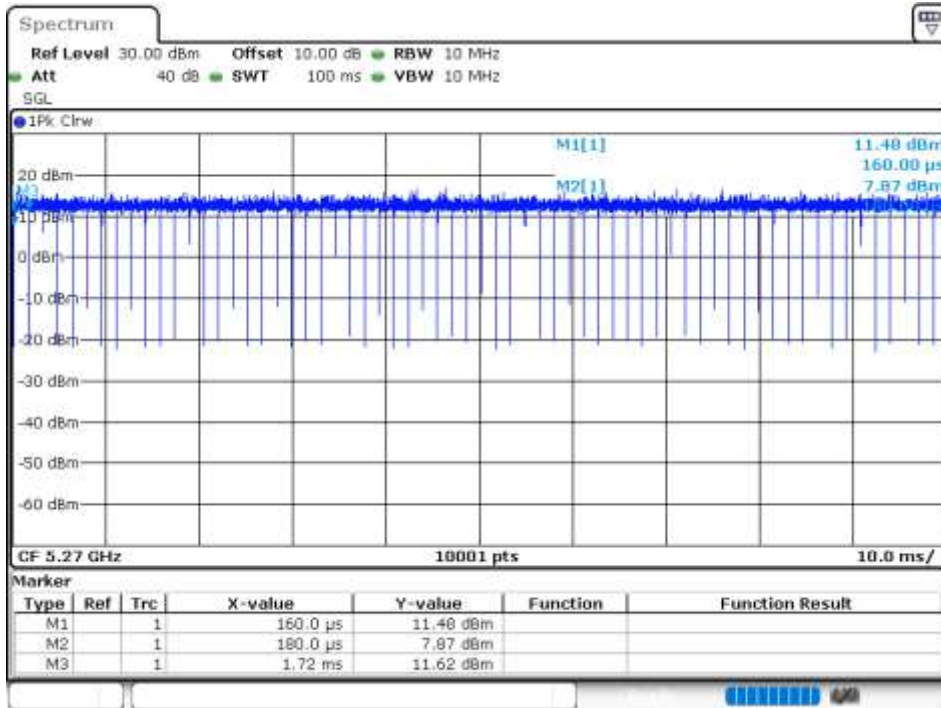
Duty Cycle NVNT ac40 5270MHz Ant 1



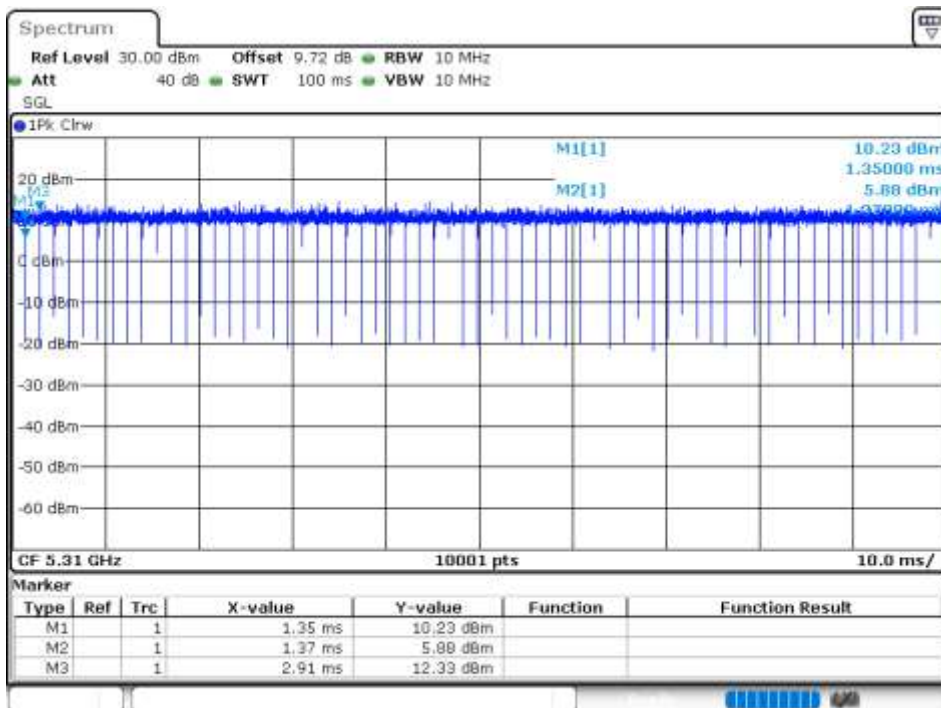
Duty Cycle NVNT ac40 5310MHz Ant 1



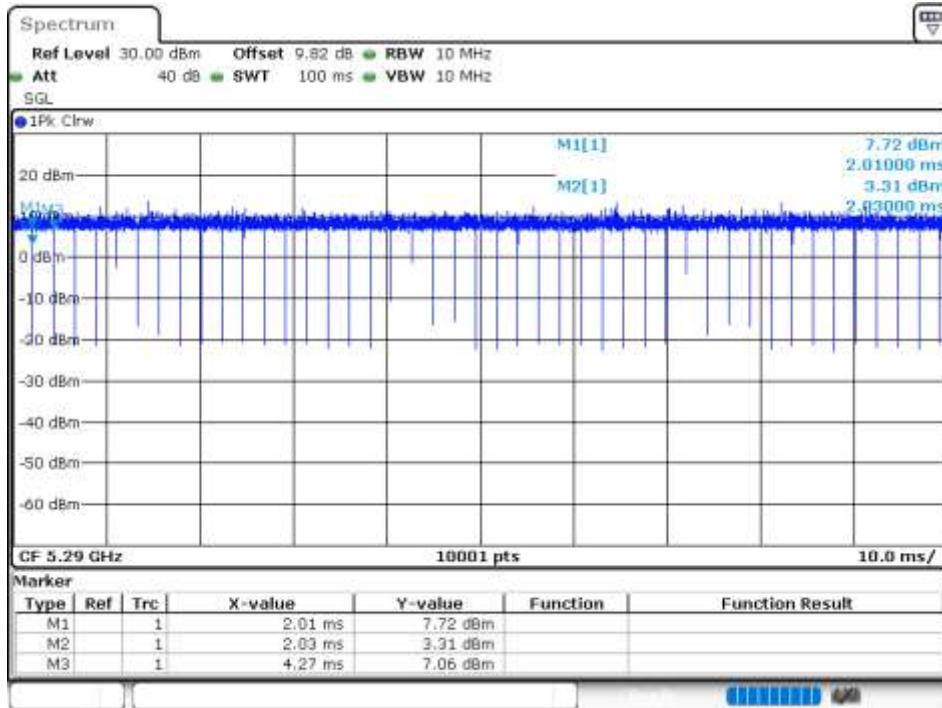
Duty Cycle NVNT ac40 5270MHz Ant 2



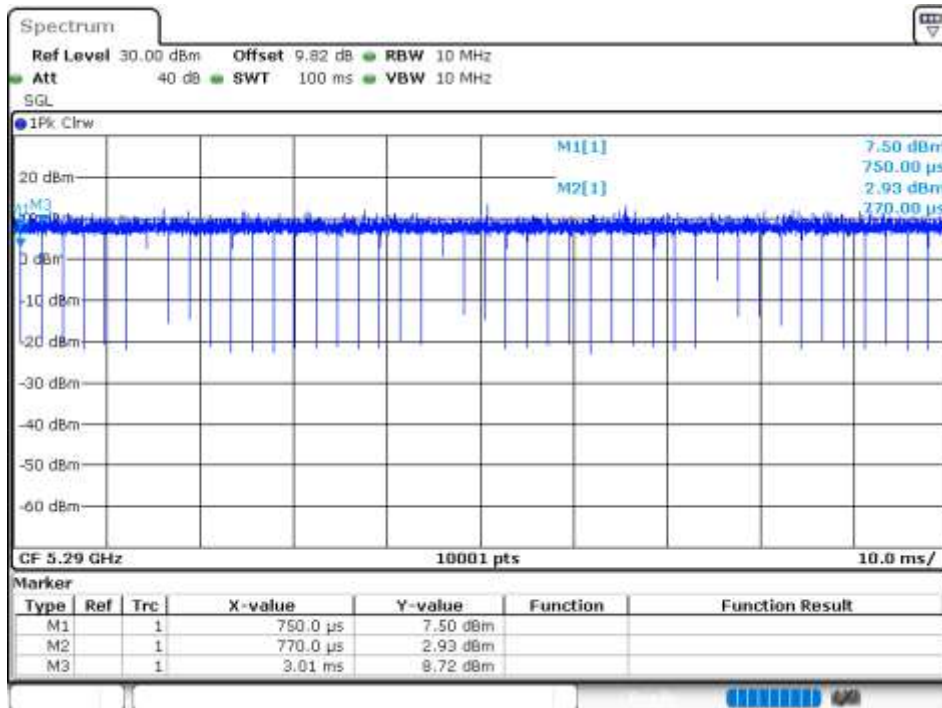
Duty Cycle NVNT ac40 5310MHz Ant 2



Duty Cycle NVNT ac80 5290MHz Ant 1

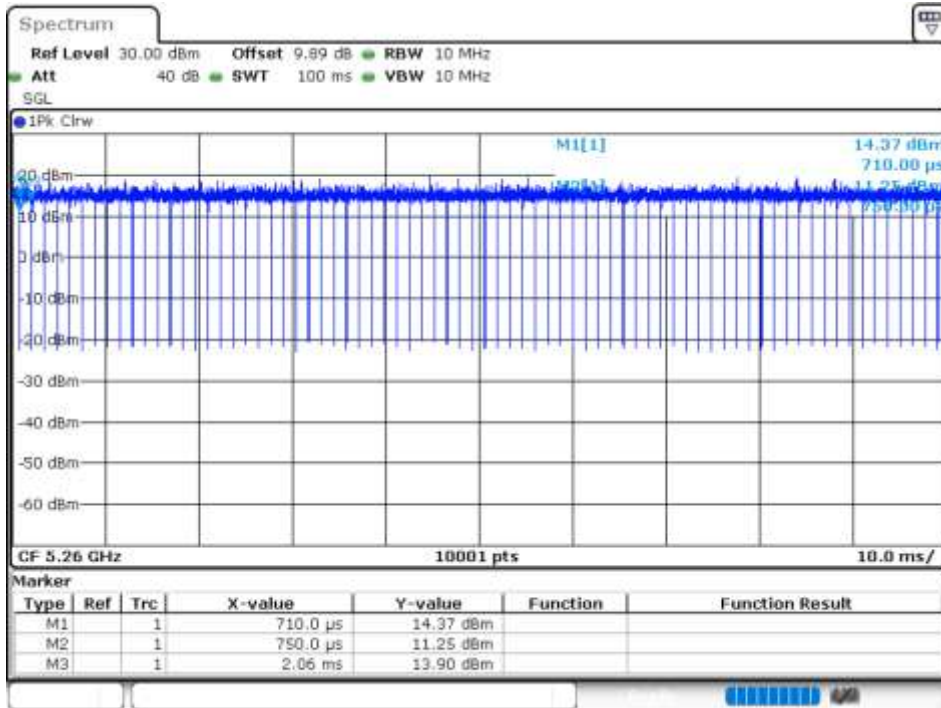


Duty Cycle NVNT ac80 5290MHz Ant 2

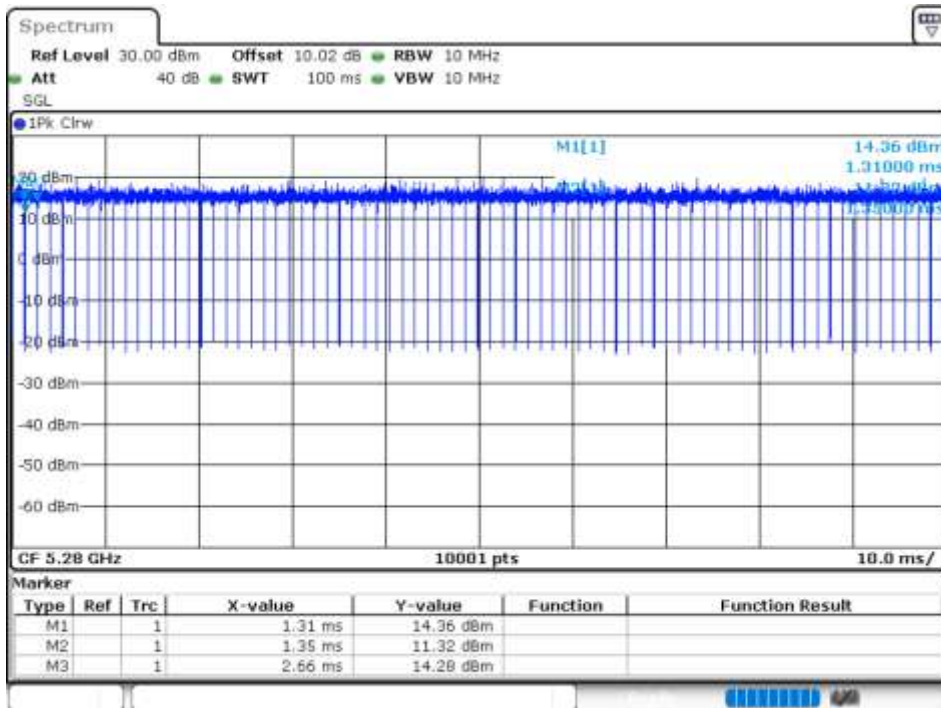


Duty Cycle NVNT n20 5260MHz Ant 1



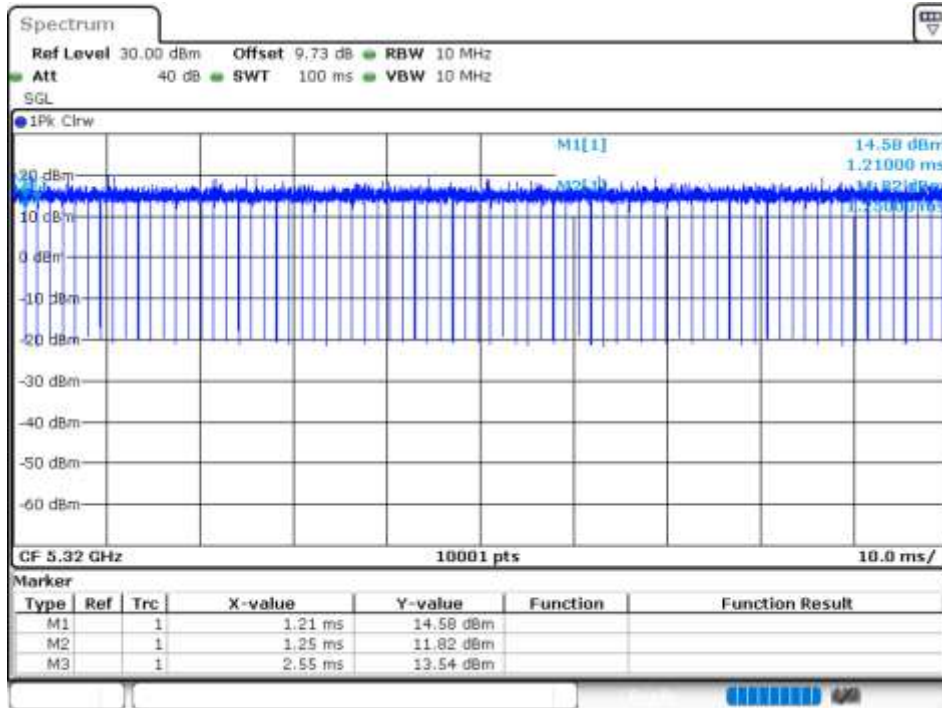


Duty Cycle NVNT n20 5280MHz Ant 1

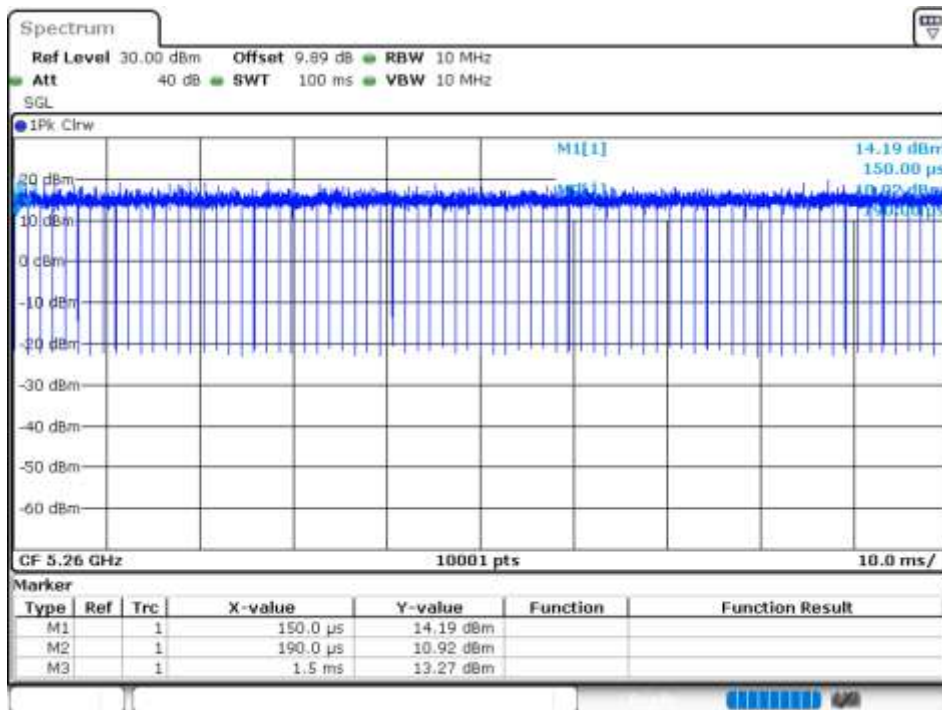


Duty Cycle NVNT n20 5320MHz Ant 1

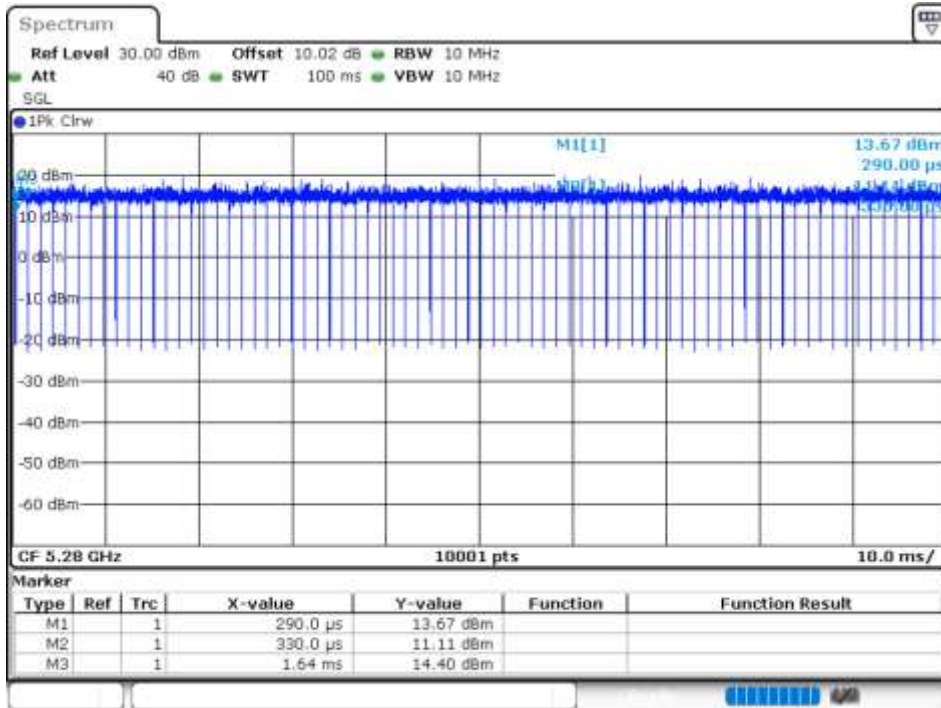




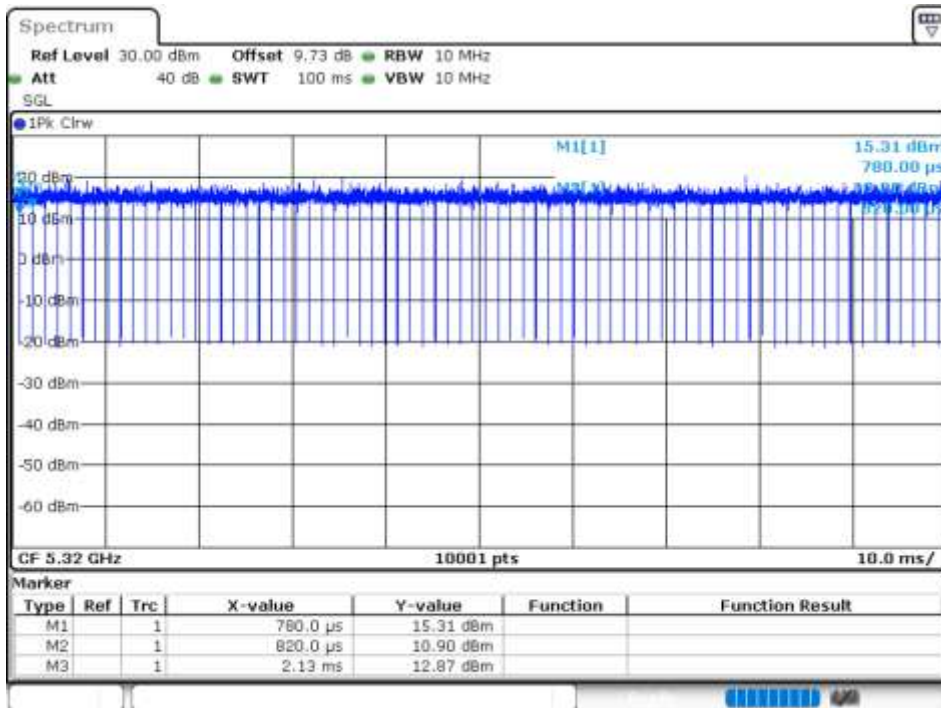
Duty Cycle NVNT n20 5260MHz Ant 2



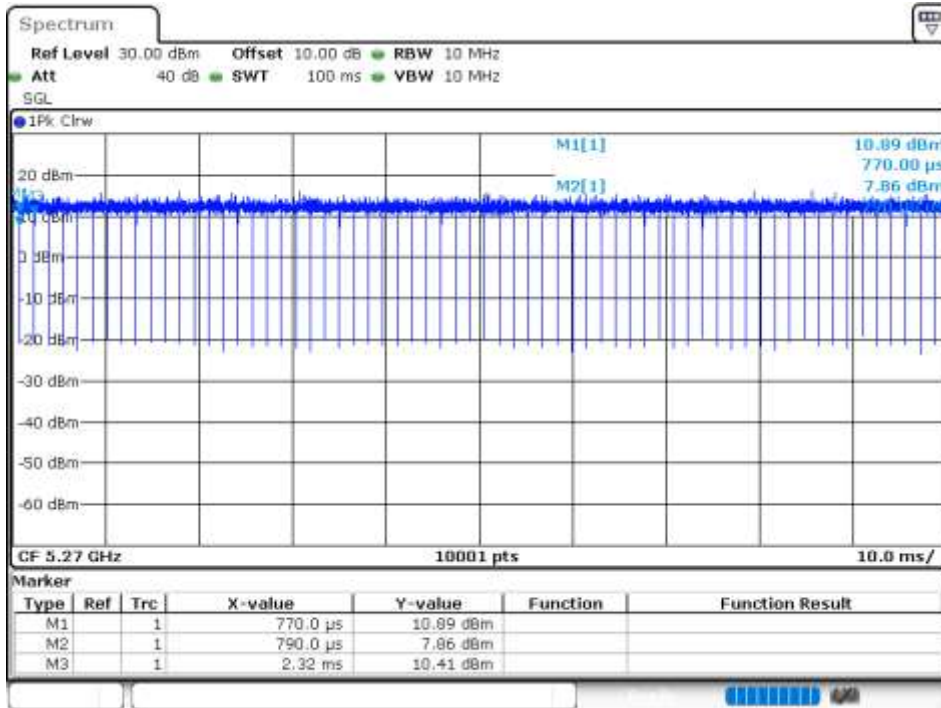
Duty Cycle NVNT n20 5280MHz Ant 2



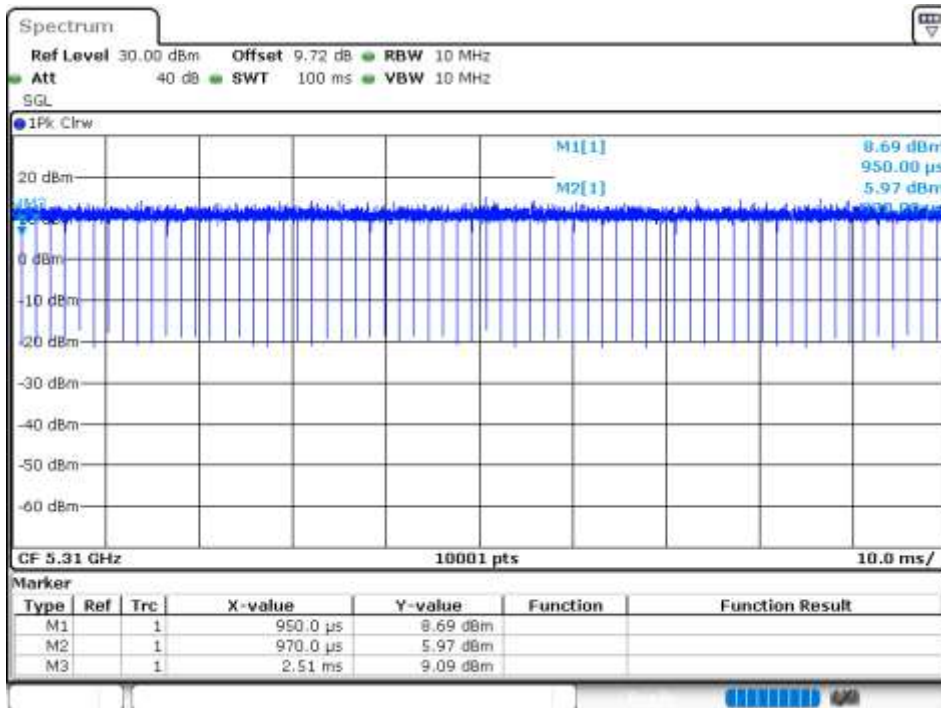
Duty Cycle NVNT n20 5320MHz Ant 2



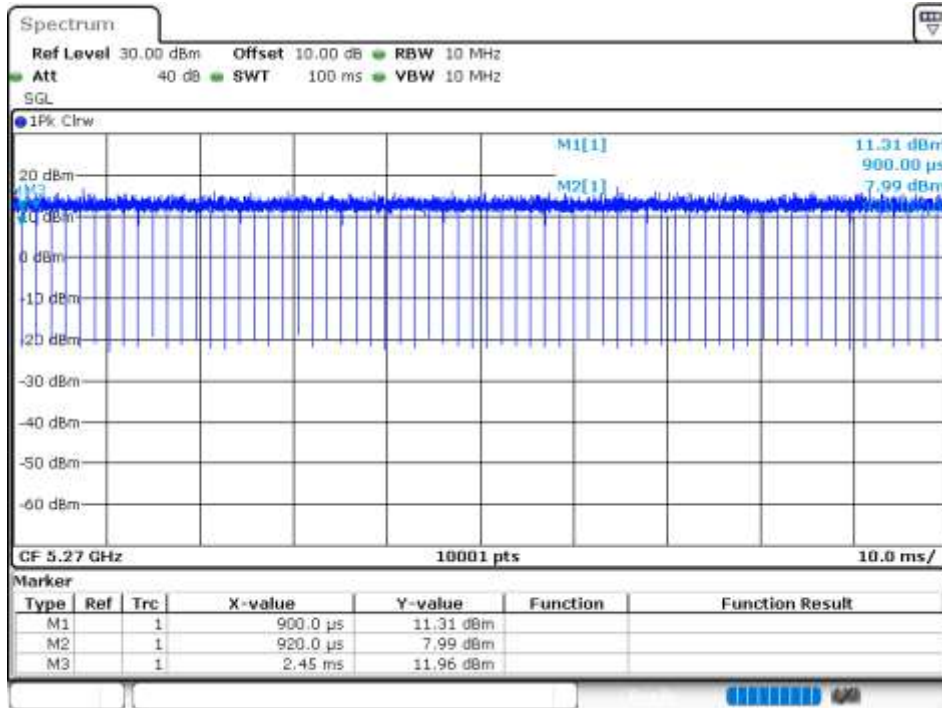
Duty Cycle NVNT n40 5270MHz Ant 1



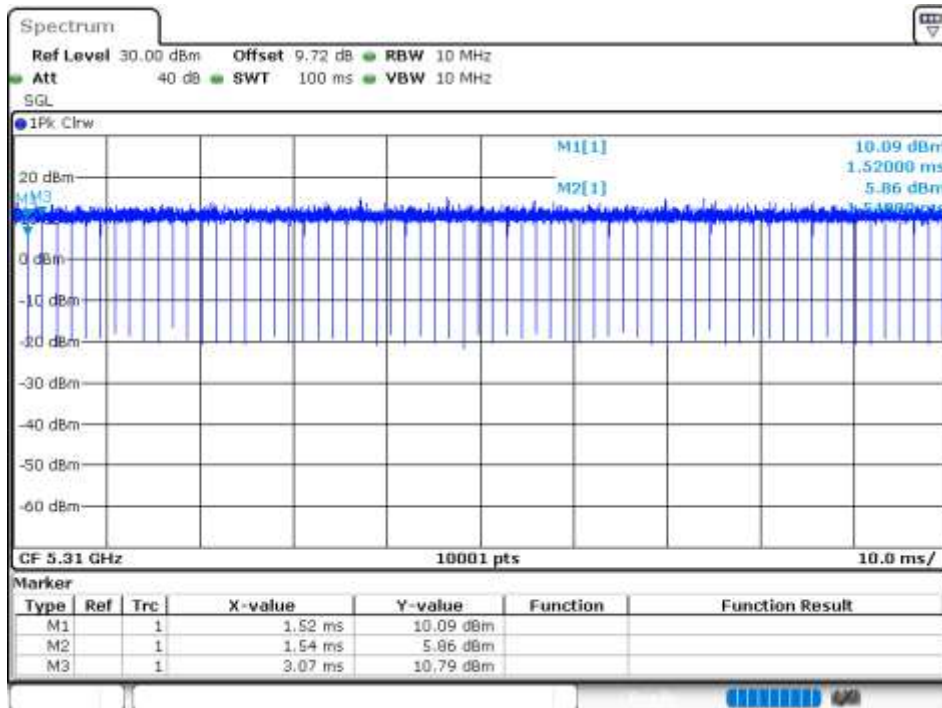
Duty Cycle NVNT n40 5310MHz Ant 1



Duty Cycle NVNT n40 5270MHz Ant 2



Duty Cycle NVNT n40 5310MHz Ant 2



**Maximum Conducted Output Power**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	MIMO Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant 1	9.46	0.02	9.48	N/A	24	Pass
NVNT	a	5260	Ant 2	9.05	0.02	9.07		24	Pass
NVNT	a	5280	Ant 1	9.12	0.02	9.14	N/A	24	Pass
NVNT	a	5280	Ant 2	8.96	0.02	8.98		24	Pass
NVNT	a	5320	Ant 1	9.81	0.02	9.83	N/A	24	Pass
NVNT	a	5320	Ant 2	9.92	0.02	9.94		24	Pass
NVNT	ac20	5260	Ant 1	9.36	0.02	9.38	12.24	24	Pass
NVNT	ac20	5260	Ant 2	9.05	0.02	9.07		24	Pass
NVNT	ac20	5280	Ant 1	8.99	0.02	9.01	11.93	24	Pass
NVNT	ac20	5280	Ant 2	8.81	0.02	8.83		24	Pass
NVNT	ac20	5320	Ant 1	9.63	0.02	9.65	12.80	24	Pass
NVNT	ac20	5320	Ant 2	9.9	0.02	9.92		24	Pass
NVNT	ac40	5270	Ant 1	9.17	0.03	9.2	12.44	24	Pass
NVNT	ac40	5270	Ant 2	9.61	0.03	9.64		24	Pass
NVNT	ac40	5310	Ant 1	9.06	0.03	9.09	12.08	24	Pass
NVNT	ac40	5310	Ant 2	9.02	0.03	9.05		24	Pass
NVNT	ac80	5290	Ant 1	9.65	0.02	9.67	12.54	24	Pass
NVNT	ac80	5290	Ant 2	9.37	0.02	9.39		24	Pass
NVNT	n20	5260	Ant 1	9.26	0.09	9.35	12.21	24	Pass
NVNT	n20	5260	Ant 2	8.95	0.1	9.05		24	Pass
NVNT	n20	5280	Ant 1	8.93	0.09	9.02	11.91	24	Pass
NVNT	n20	5280	Ant 2	8.68	0.1	8.78		24	Pass
NVNT	n20	5320	Ant 1	9.61	0.09	9.7	12.80	24	Pass
NVNT	n20	5320	Ant 2	9.78	0.09	9.87		24	Pass
NVNT	n40	5270	Ant 1	9.22	0.03	9.25	12.45	24	Pass
NVNT	n40	5270	Ant 2	9.6	0.03	9.63		24	Pass
NVNT	n40	5310	Ant 1	9.07	0.03	9.1	12.08	24	Pass
NVNT	n40	5310	Ant 2	9	0.03	9.03		24	Pass

**-26dB Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant 1	21.117	Pass
NVNT	a	5280	Ant 1	21.075	Pass
NVNT	a	5320	Ant 1	20.889	Pass
NVNT	a	5260	Ant 2	21.093	Pass
NVNT	a	5280	Ant 2	20.841	Pass
NVNT	a	5320	Ant 2	20.991	Pass
NVNT	ac20	5260	Ant 1	21.144	Pass
NVNT	ac20	5280	Ant 1	21.48	Pass
NVNT	ac20	5320	Ant 1	21.504	Pass
NVNT	ac20	5260	Ant 2	21.606	Pass
NVNT	ac20	5280	Ant 2	21.336	Pass
NVNT	ac20	5320	Ant 2	21.447	Pass
NVNT	ac40	5270	Ant 1	40.392	Pass
NVNT	ac40	5310	Ant 1	40.464	Pass
NVNT	ac40	5270	Ant 2	40.458	Pass
NVNT	ac40	5310	Ant 2	40.242	Pass
NVNT	ac80	5290	Ant 1	82.656	Pass
NVNT	ac80	5290	Ant 2	82.62	Pass
NVNT	n20	5260	Ant 1	21.381	Pass
NVNT	n20	5280	Ant 1	21.405	Pass
NVNT	n20	5320	Ant 1	21.12	Pass
NVNT	n20	5260	Ant 2	21.252	Pass
NVNT	n20	5280	Ant 2	21.354	Pass
NVNT	n20	5320	Ant 2	21.225	Pass
NVNT	n40	5270	Ant 1	40.152	Pass
NVNT	n40	5310	Ant 1	40.206	Pass
NVNT	n40	5270	Ant 2	40.158	Pass
NVNT	n40	5310	Ant 2	40.002	Pass

-26dB Bandwidth NVNT a 5260MHz Ant 1