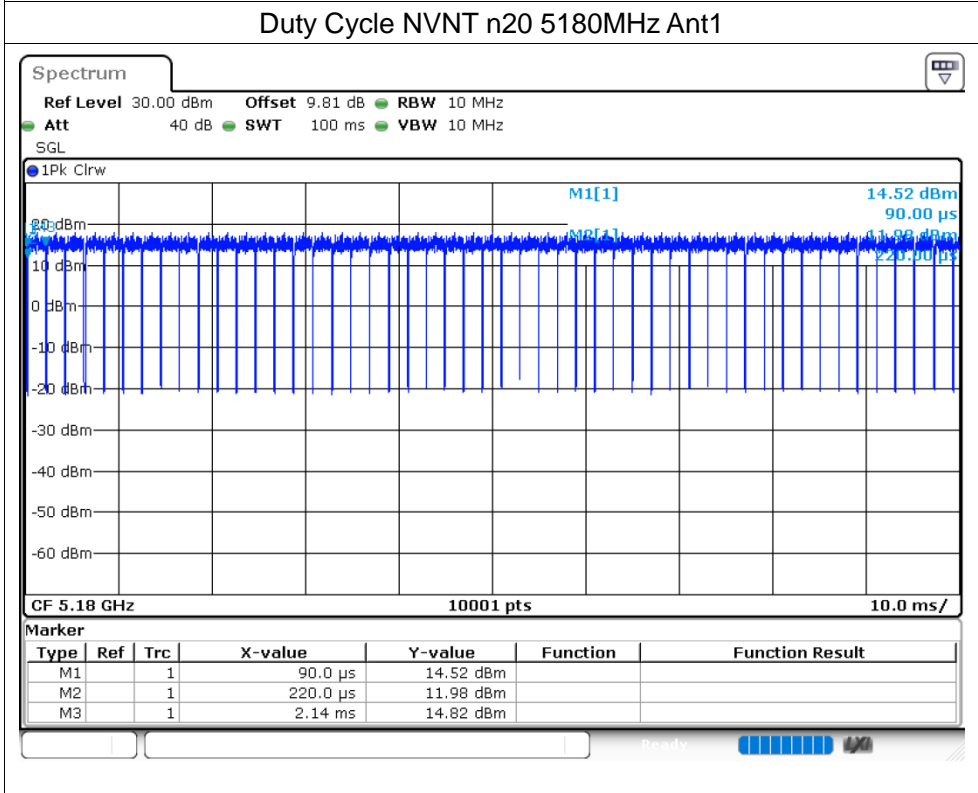
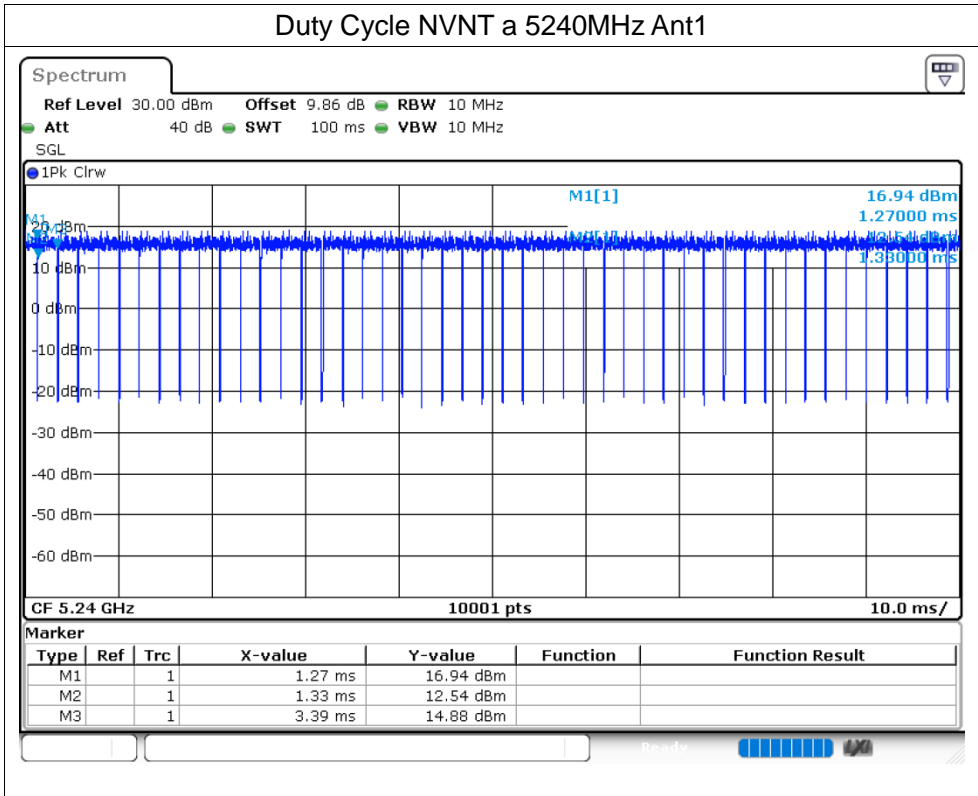


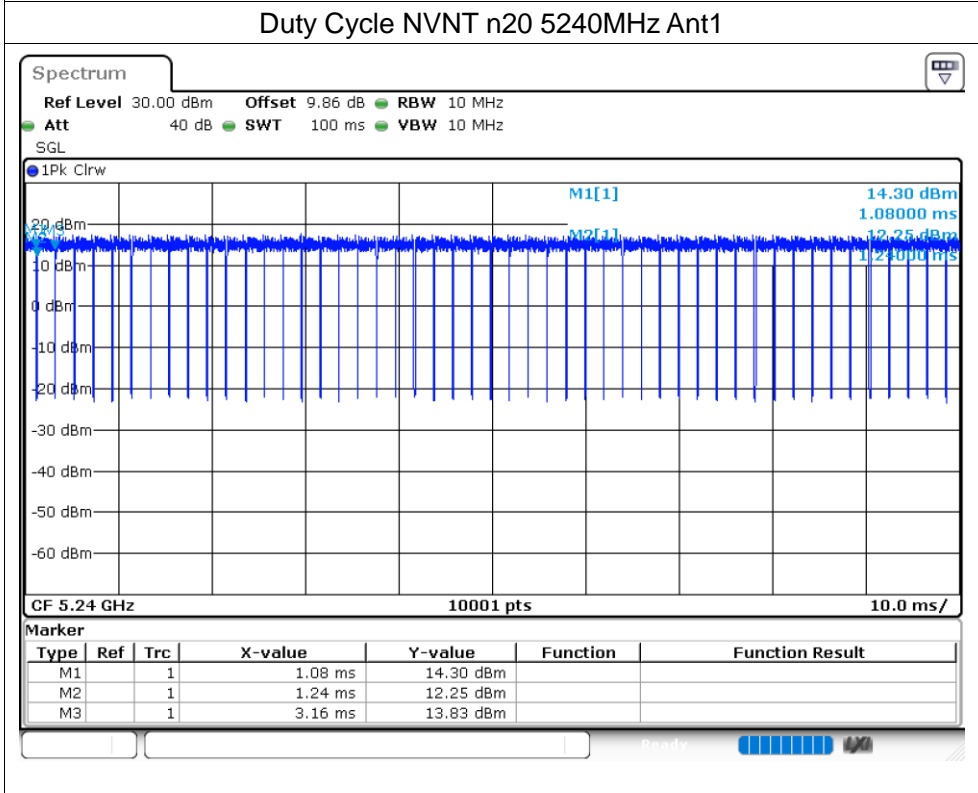
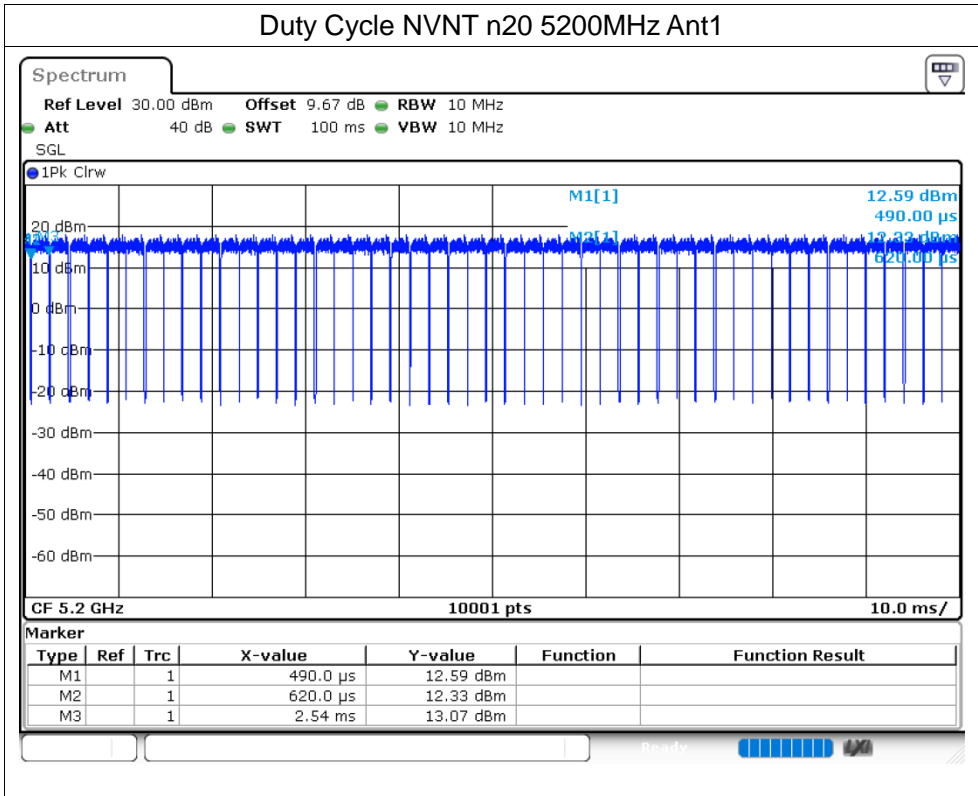
## 5.2G WIFI

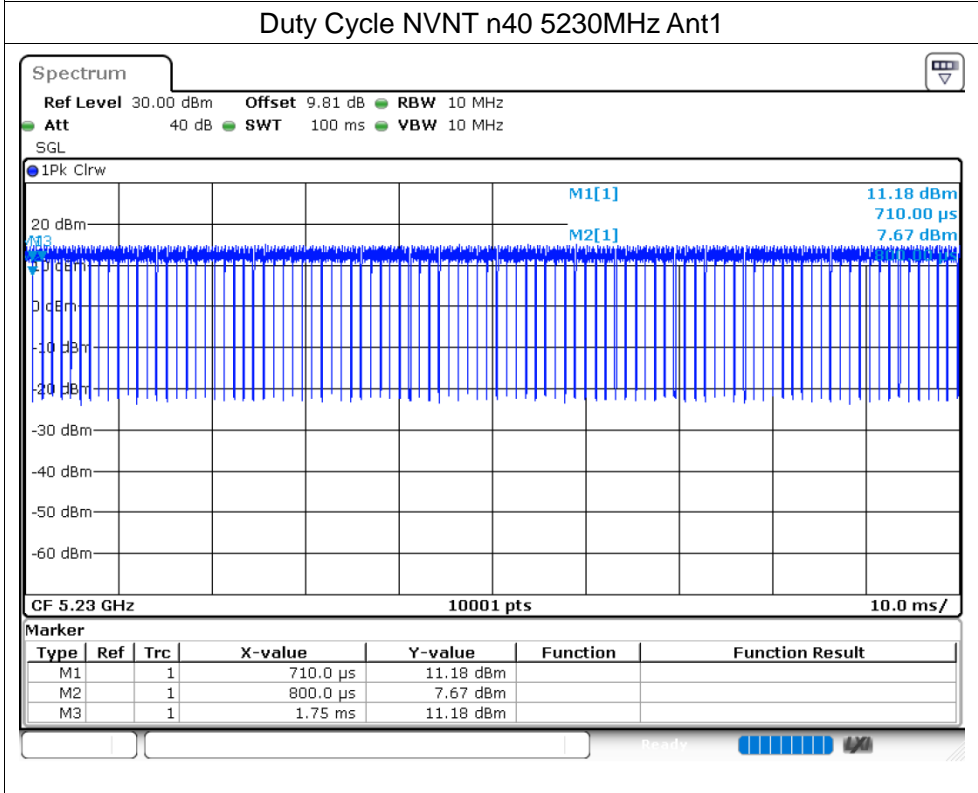
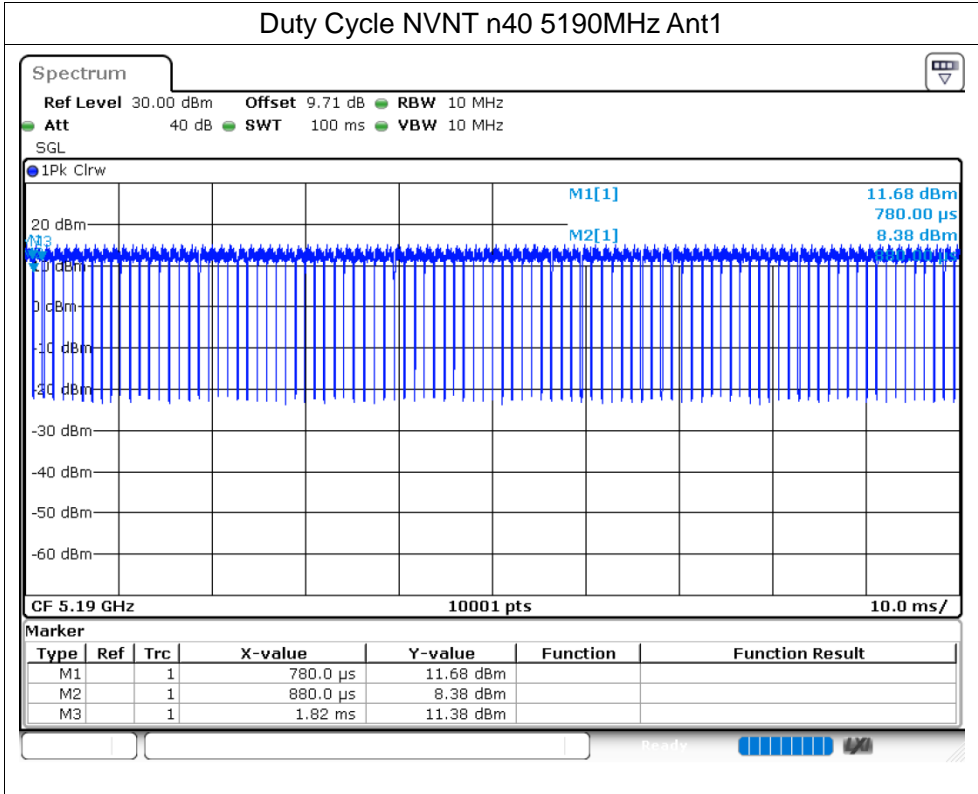
### Duty Cycle

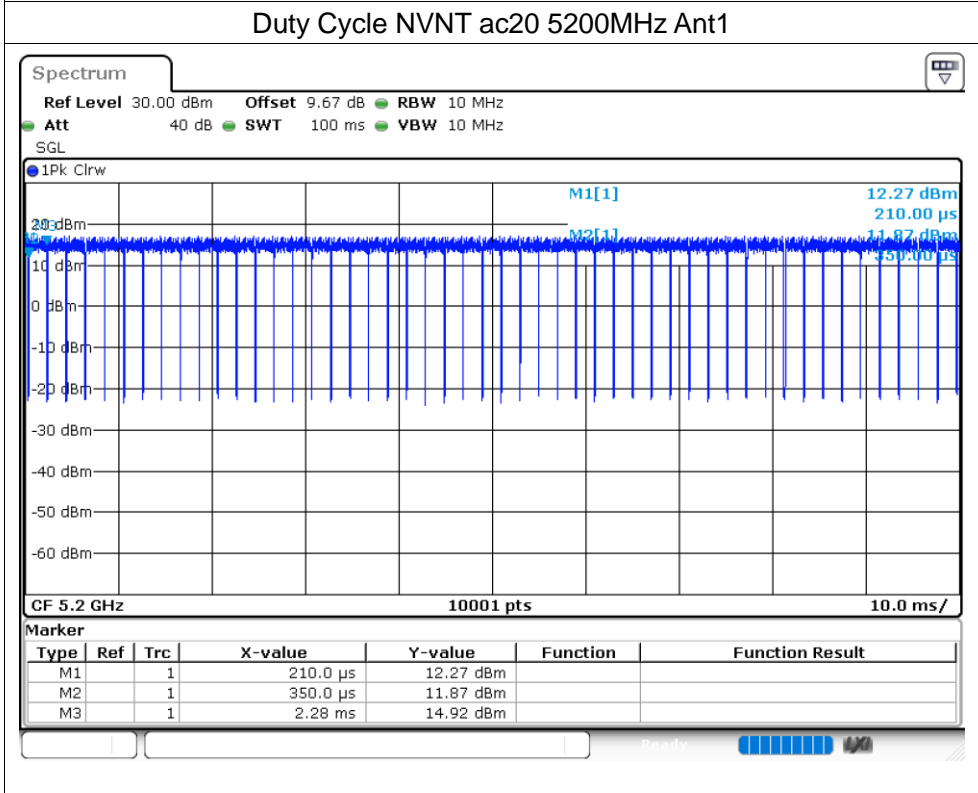
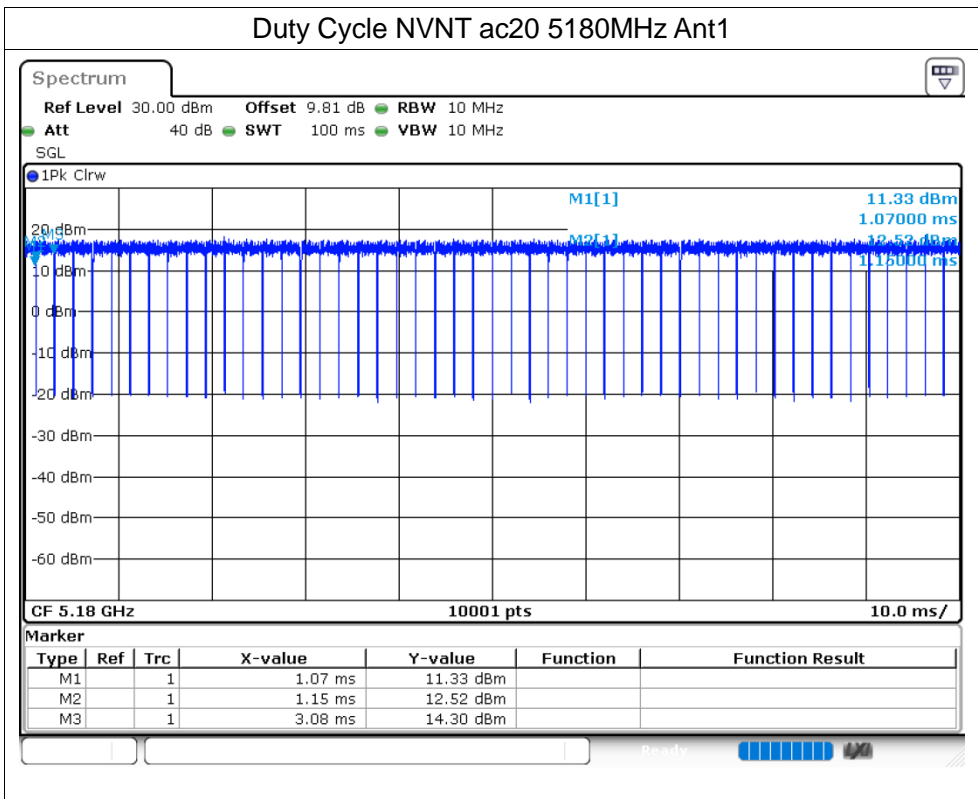
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	95.58	0.2	0.48
NVNT	a	5200	Ant1	95.16	0.22	0.48
NVNT	a	5240	Ant1	95.78	0.19	0.49
NVNT	n20	5180	Ant1	95.29	0.21	0.52
NVNT	n20	5200	Ant1	94.99	0.22	0.52
NVNT	n20	5240	Ant1	95.11	0.22	0.52
NVNT	n40	5190	Ant1	91	0.41	1.06
NVNT	n40	5230	Ant1	91.46	0.39	1.05
NVNT	ac20	5180	Ant1	95.93	0.18	0.52
NVNT	ac20	5200	Ant1	95.69	0.19	0.52
NVNT	ac20	5240	Ant1	95.37	0.21	0.52
NVNT	ac40	5190	Ant1	90.59	0.43	1.05
NVNT	ac40	5230	Ant1	90.79	0.42	1.05
NVNT	ac80	5210	Ant1	83.27	0.8	2.17

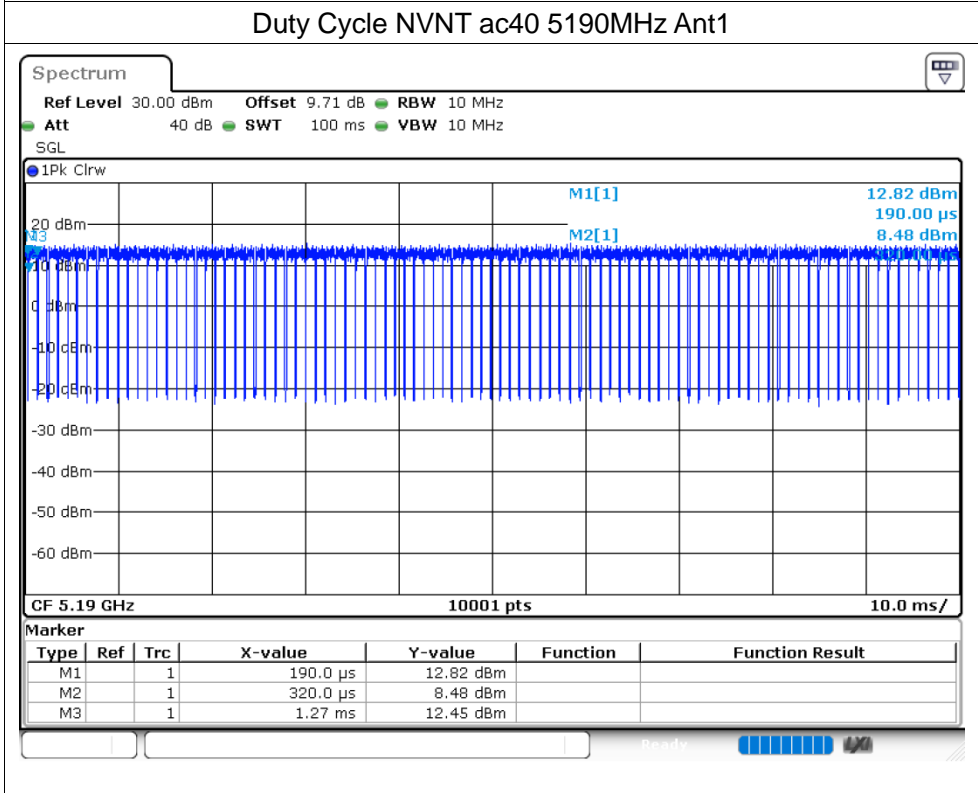
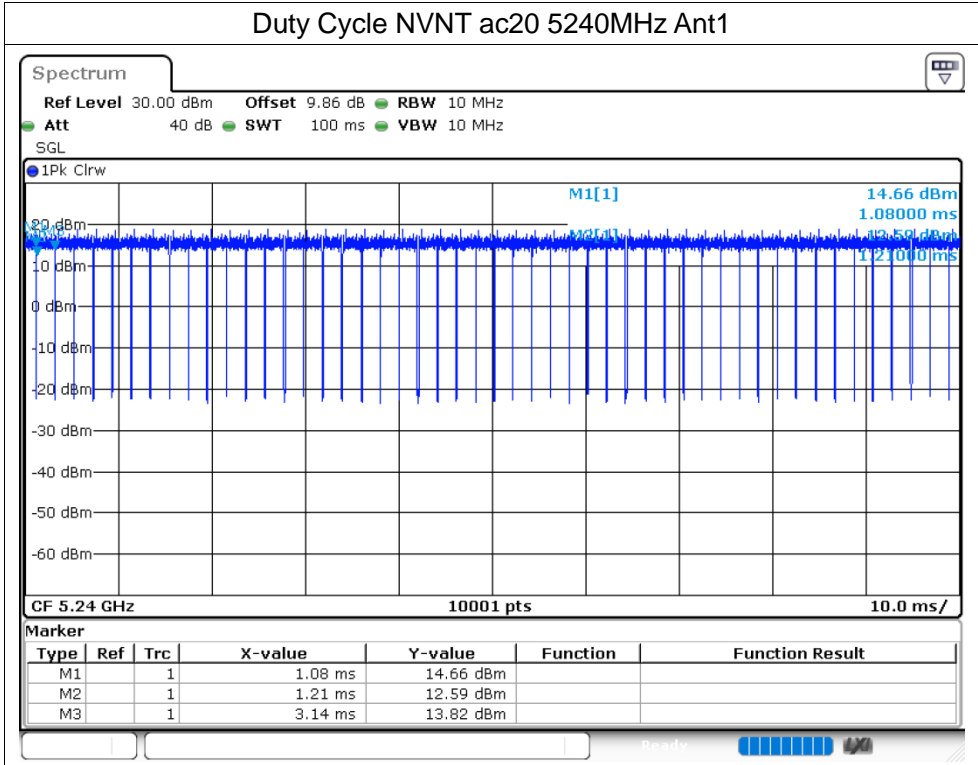


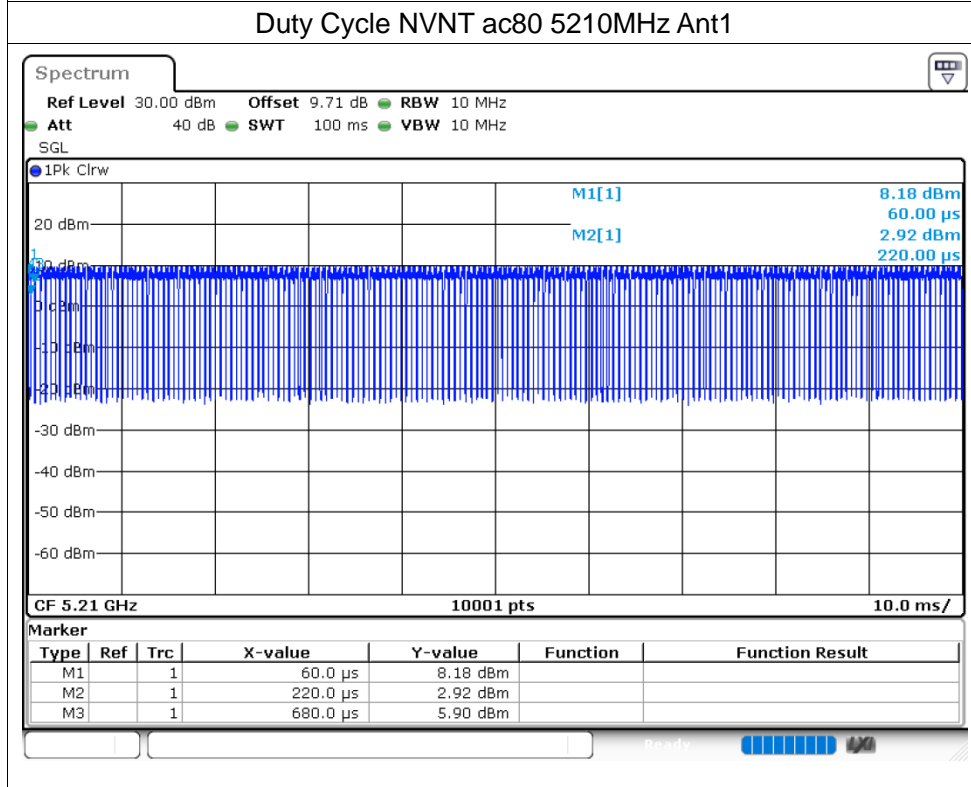
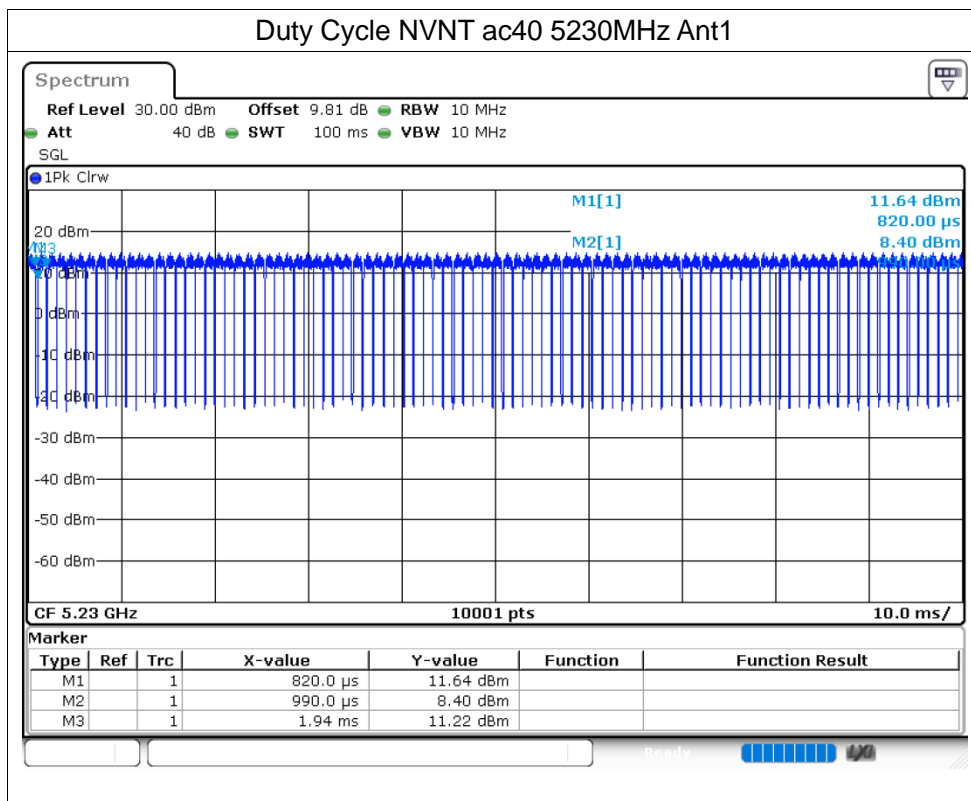














## Maximum Conducted Output Power

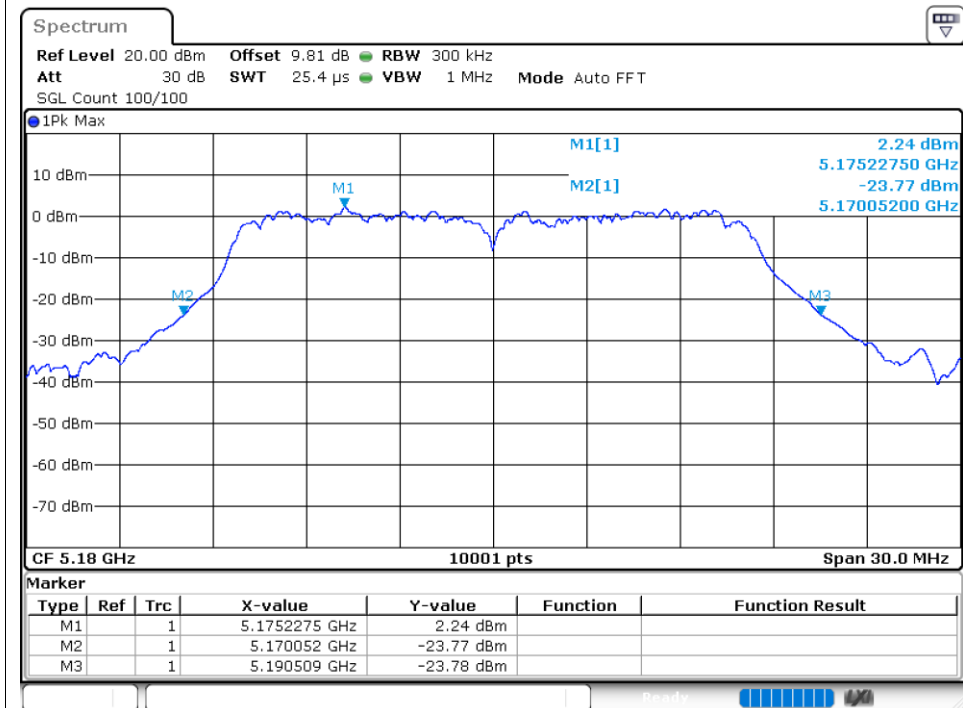
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	9.42	0.2	9.62	24	Pass
NVNT	a	5200	Ant1	9.43	0.22	9.65	24	Pass
NVNT	a	5240	Ant1	9.05	0.19	9.24	24	Pass
NVNT	n20	5180	Ant1	8.88	0.21	9.09	24	Pass
NVNT	n20	5200	Ant1	9.37	0.22	9.59	24	Pass
NVNT	n20	5240	Ant1	9	0.22	9.22	24	Pass
NVNT	n40	5190	Ant1	8.84	0.41	9.25	24	Pass
NVNT	n40	5230	Ant1	8.69	0.39	9.08	24	Pass
NVNT	ac20	5180	Ant1	9.33	0.18	9.51	24	Pass
NVNT	ac20	5200	Ant1	9.08	0.19	9.27	24	Pass
NVNT	ac20	5240	Ant1	9.01	0.21	9.22	24	Pass
NVNT	ac40	5190	Ant1	9.19	0.43	9.62	24	Pass
NVNT	ac40	5230	Ant1	9.05	0.42	9.47	24	Pass
NVNT	ac80	5210	Ant1	8.26	0.8	9.06	24	Pass

## -26dB Bandwidth

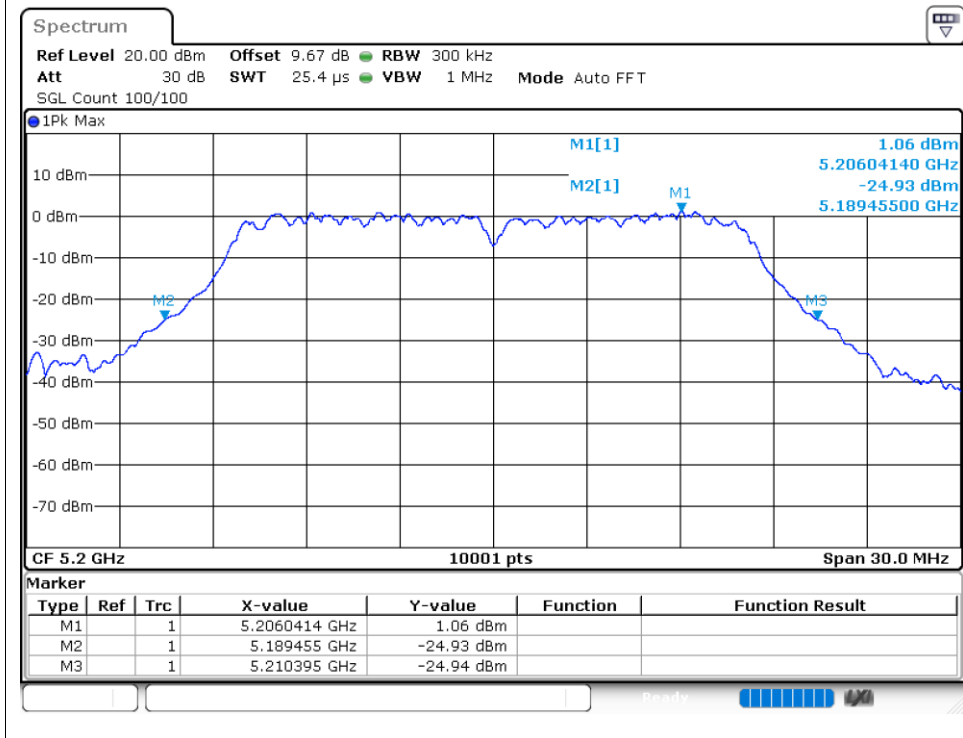
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.457	Pass
NVNT	a	5200	Ant1	20.94	Pass
NVNT	a	5240	Ant1	20.352	Pass
NVNT	n20	5180	Ant1	21.033	Pass
NVNT	n20	5200	Ant1	20.358	Pass
NVNT	n20	5240	Ant1	20.592	Pass
NVNT	n40	5190	Ant1	42.096	Pass
NVNT	n40	5230	Ant1	42.09	Pass
NVNT	ac20	5180	Ant1	21.441	Pass
NVNT	ac20	5200	Ant1	21.129	Pass
NVNT	ac20	5240	Ant1	21.201	Pass
NVNT	ac40	5190	Ant1	42.078	Pass
NVNT	ac40	5230	Ant1	42.624	Pass
NVNT	ac80	5210	Ant1	82.596	Pass

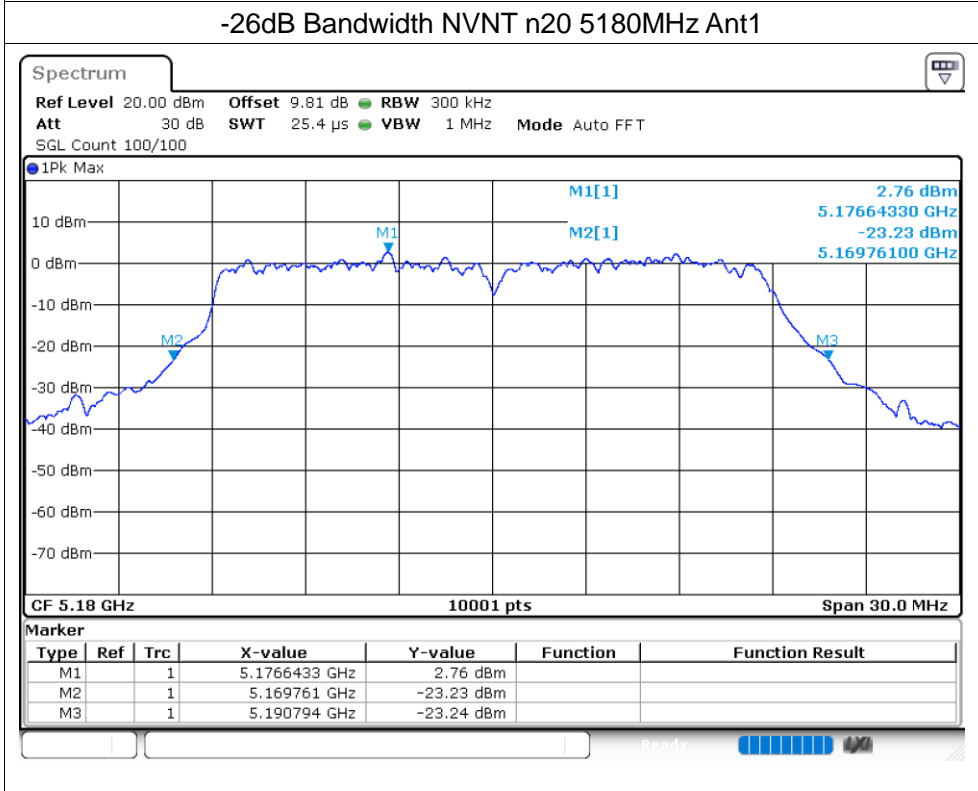
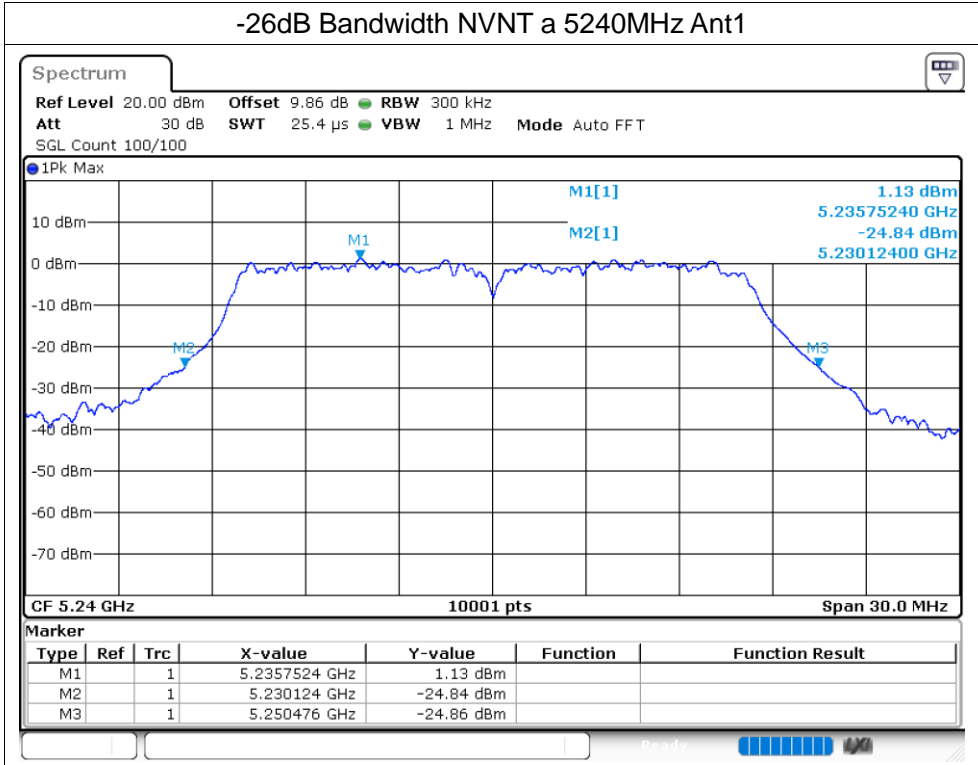
Test Graphs

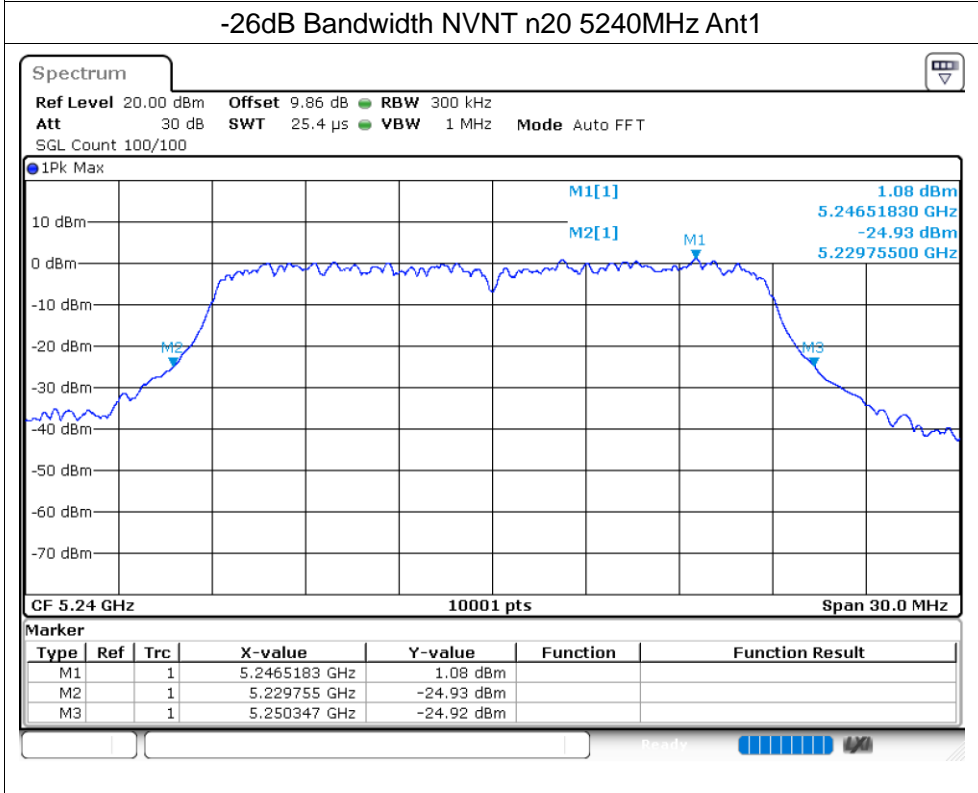
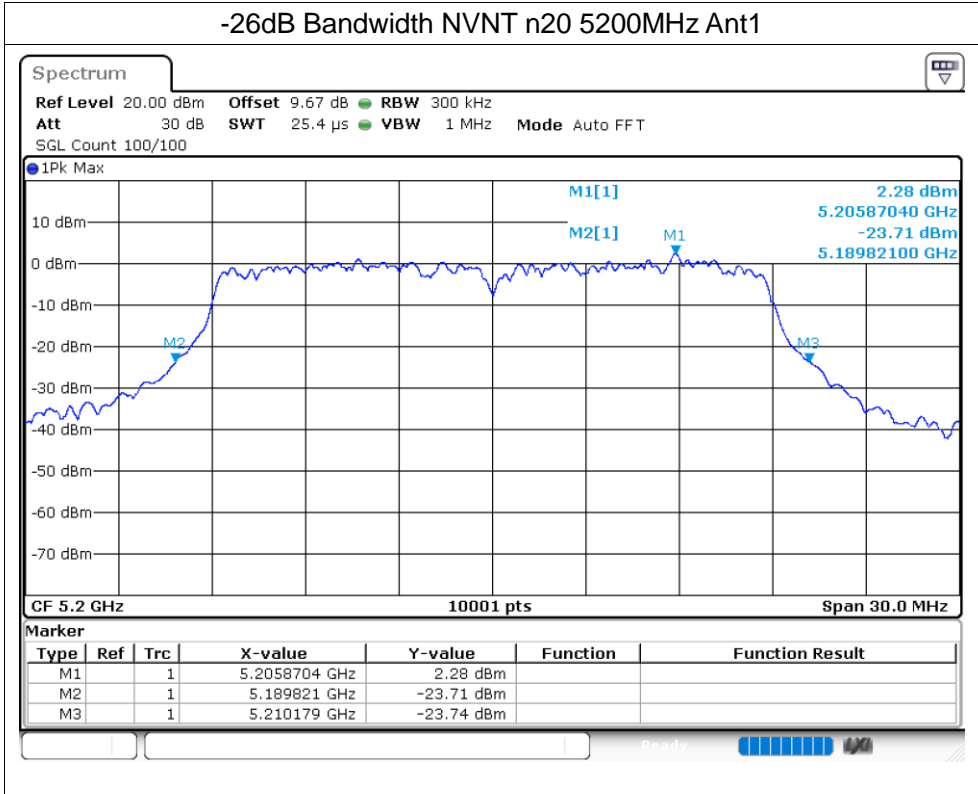
-26dB Bandwidth NVNT a 5180MHz Ant1

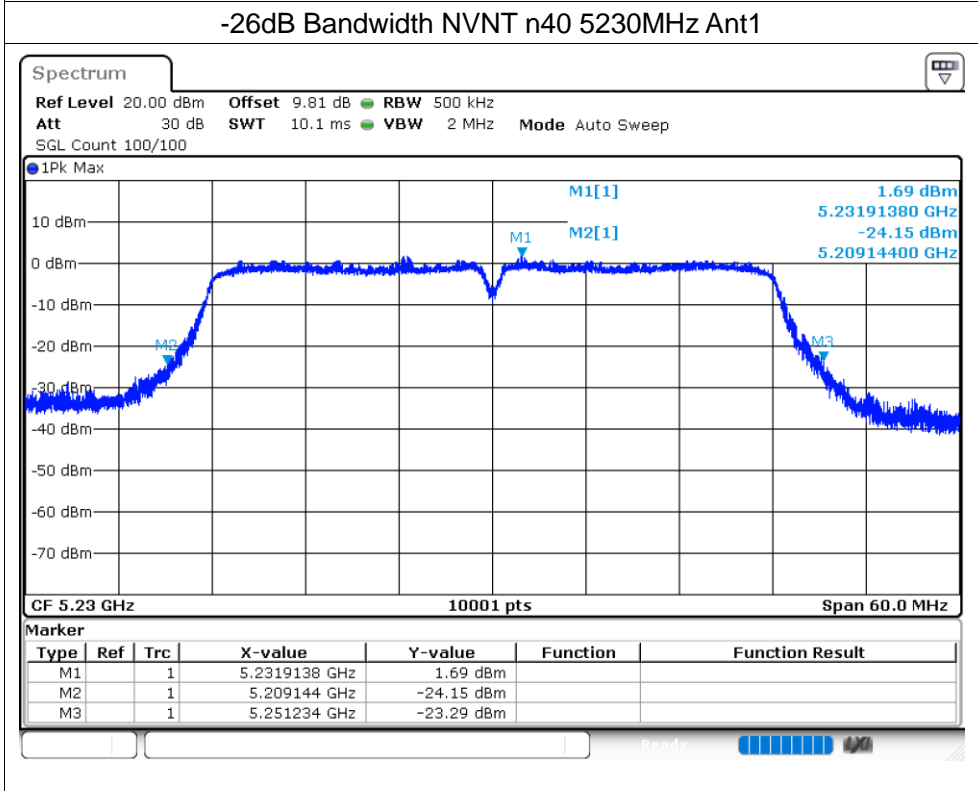
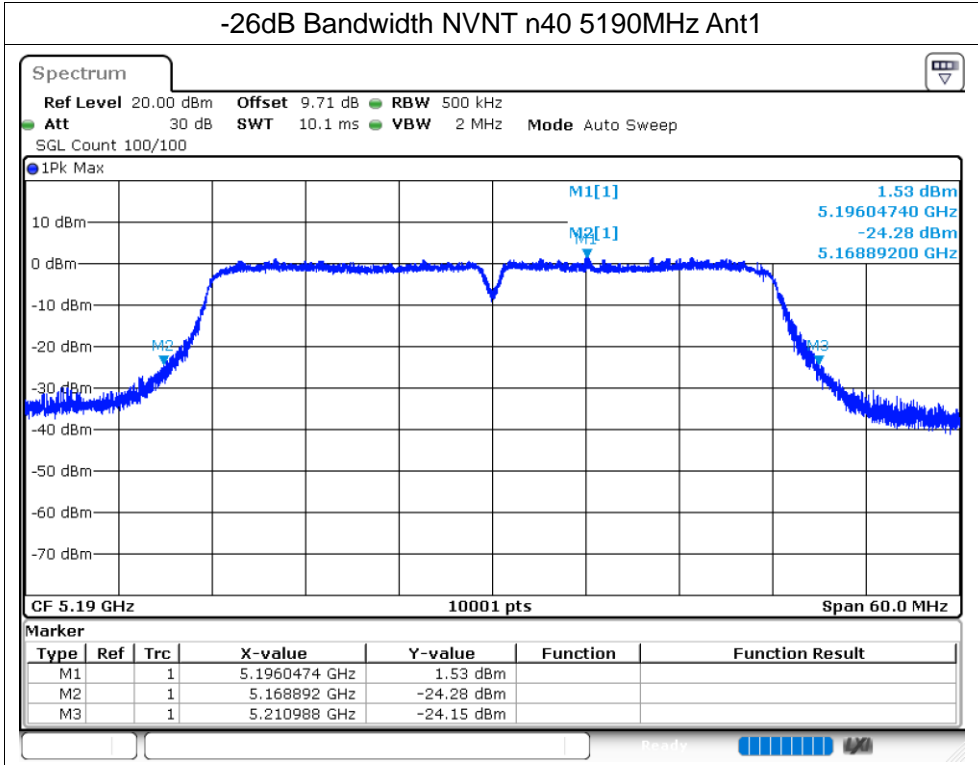


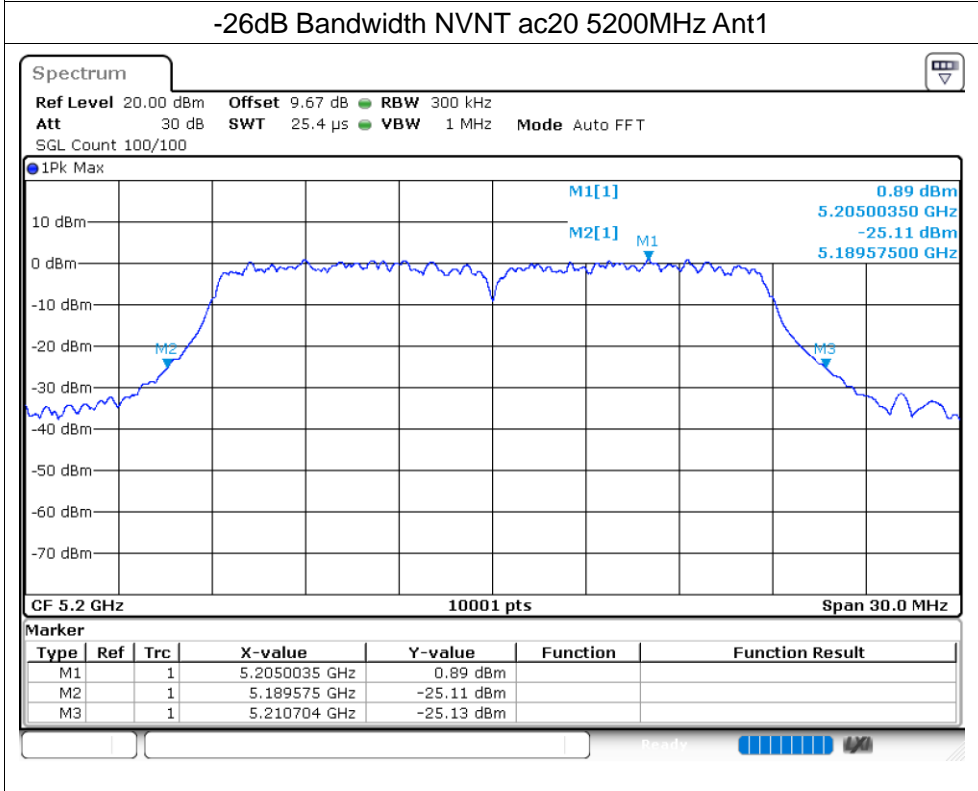
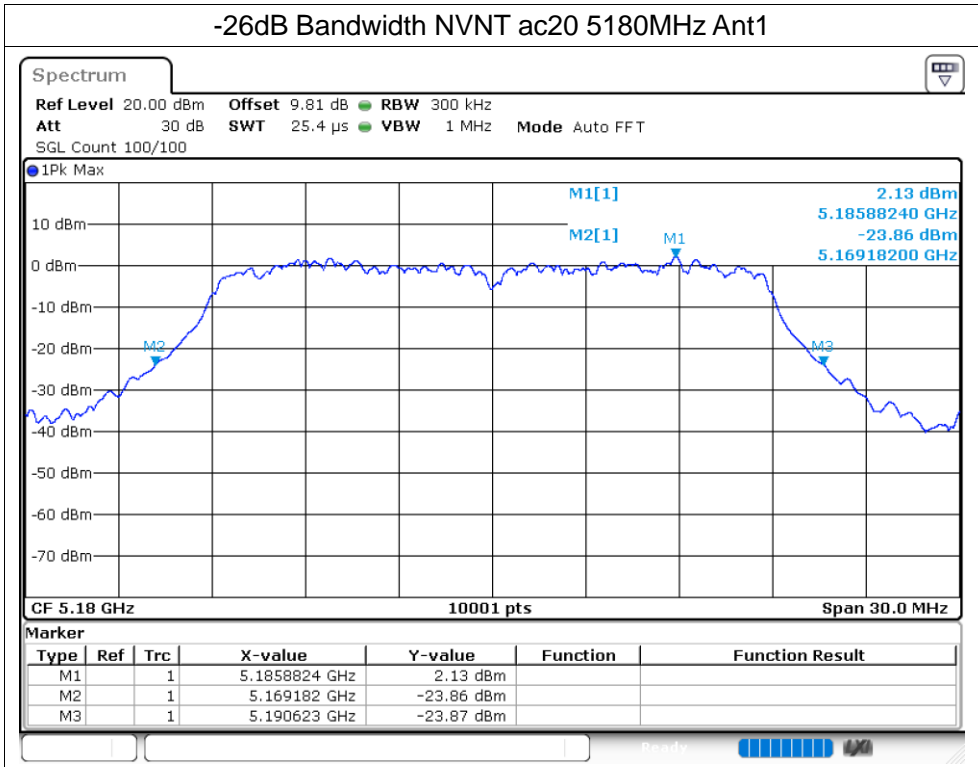
-26dB Bandwidth NVNT a 5200MHz Ant1

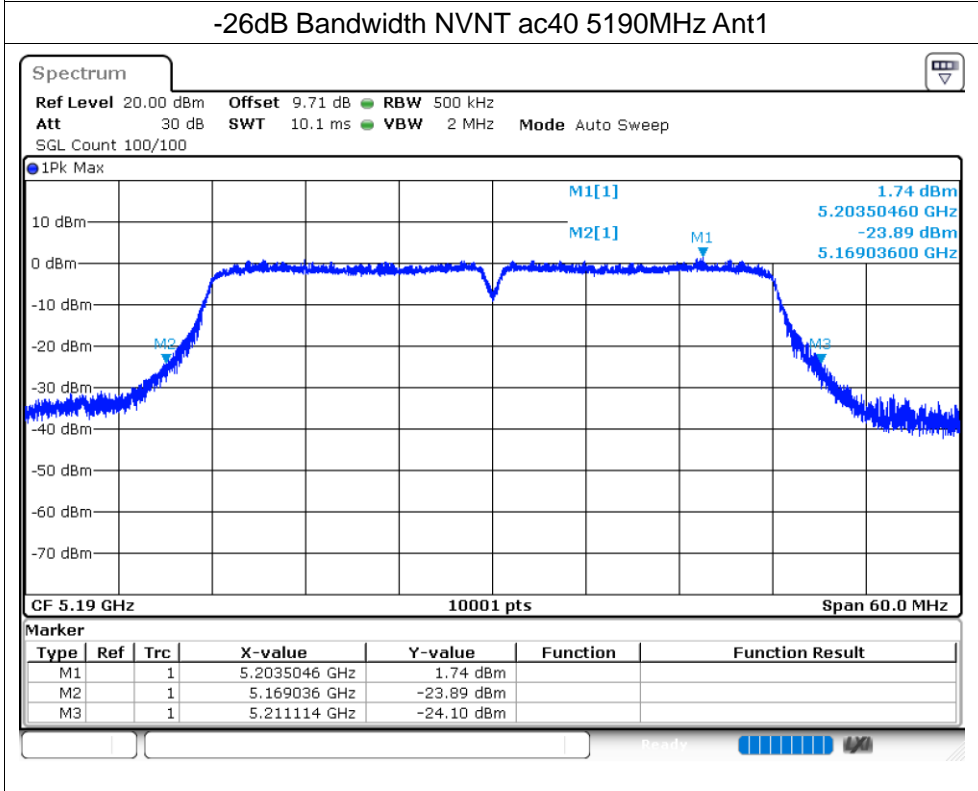
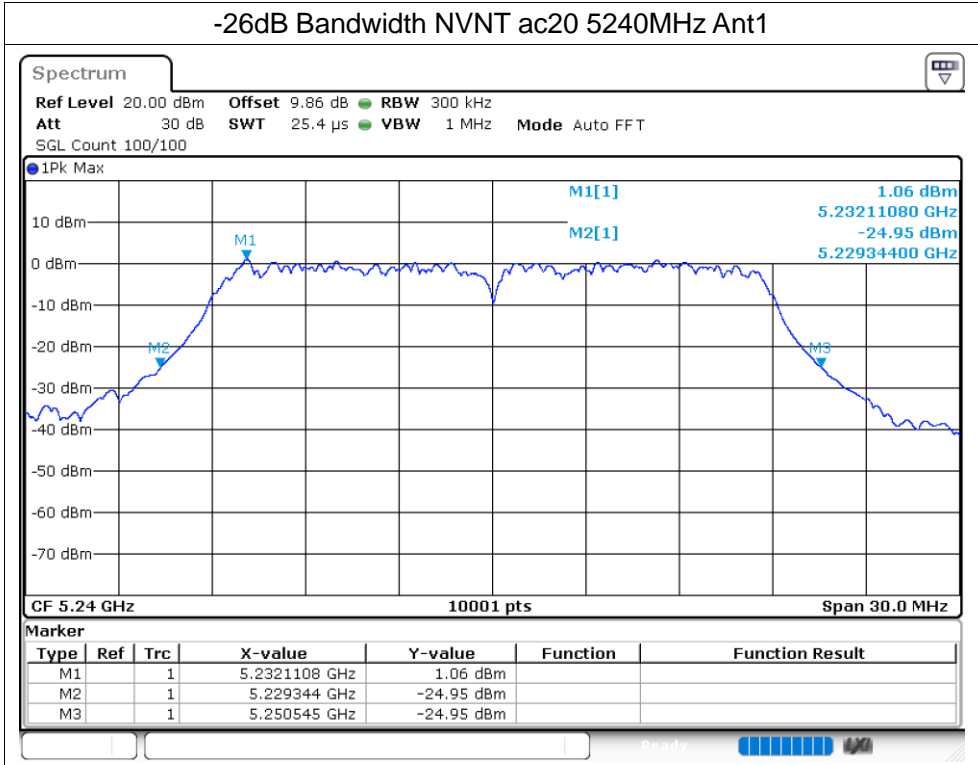




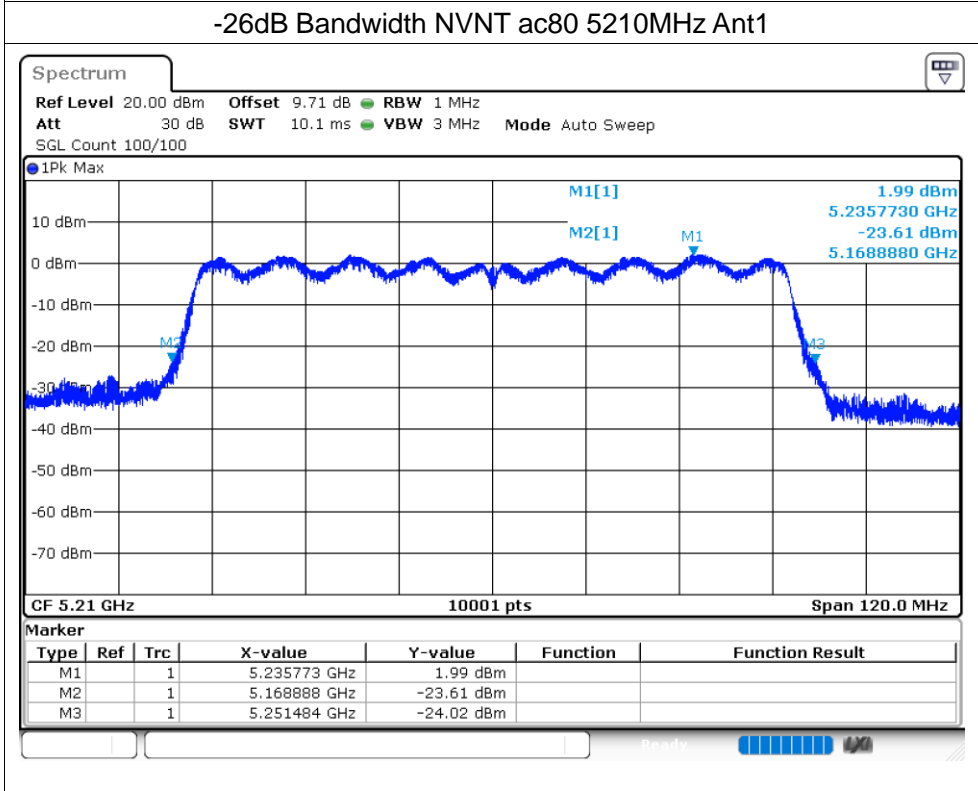
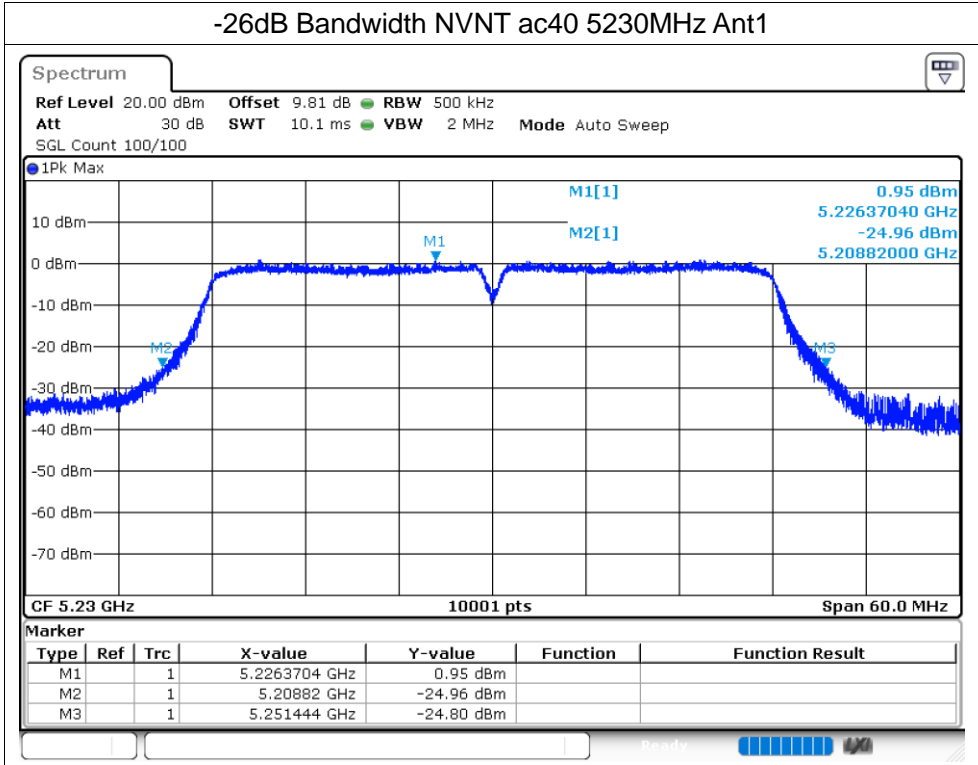










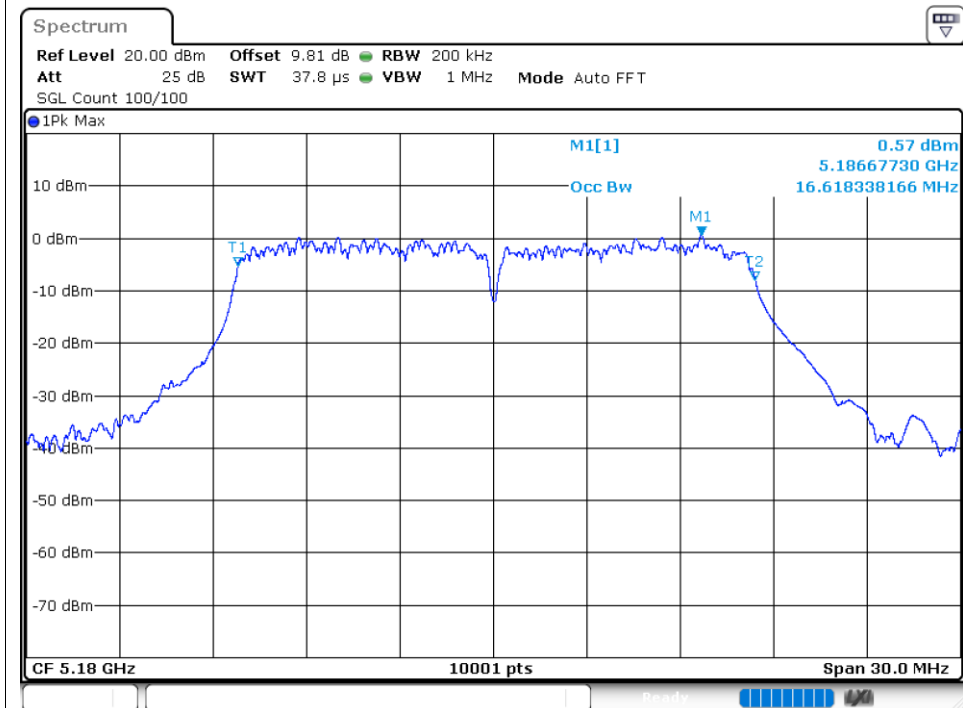


## Occupied Channel Bandwidth

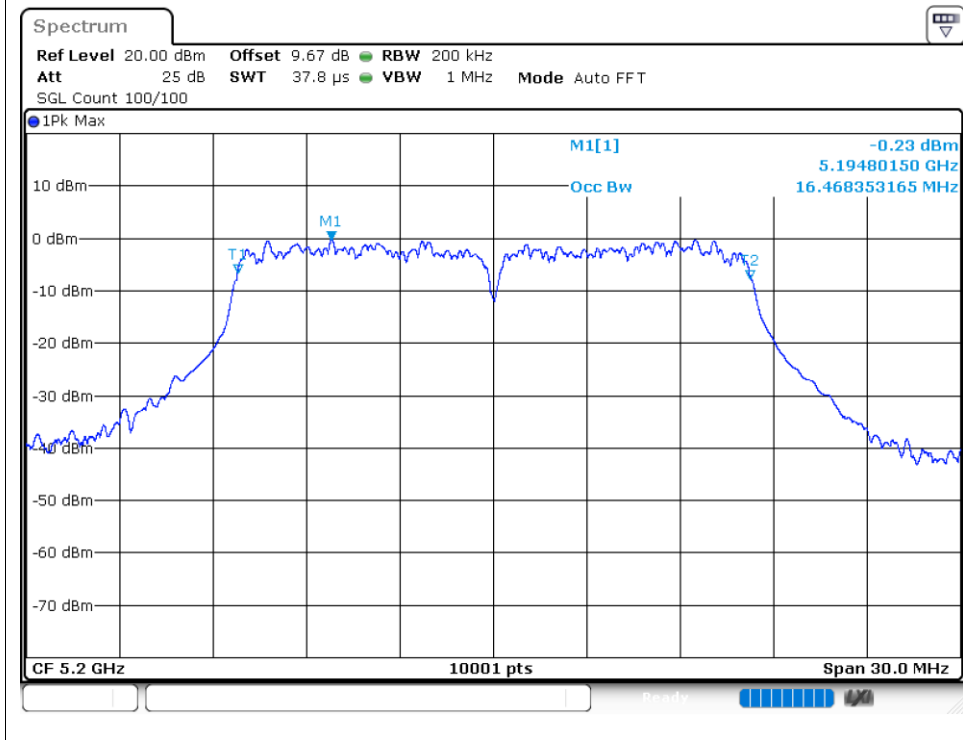
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.618
NVNT	a	5200	Ant1	16.468
NVNT	a	5240	Ant1	16.516
NVNT	n20	5180	Ant1	17.602
NVNT	n20	5200	Ant1	17.608
NVNT	n20	5240	Ant1	17.59
NVNT	n40	5190	Ant1	36.236
NVNT	n40	5230	Ant1	36.26
NVNT	ac20	5180	Ant1	17.788
NVNT	ac20	5200	Ant1	17.854
NVNT	ac20	5240	Ant1	17.686
NVNT	ac40	5190	Ant1	36.26
NVNT	ac40	5230	Ant1	36.308
NVNT	ac80	5210	Ant1	75.556

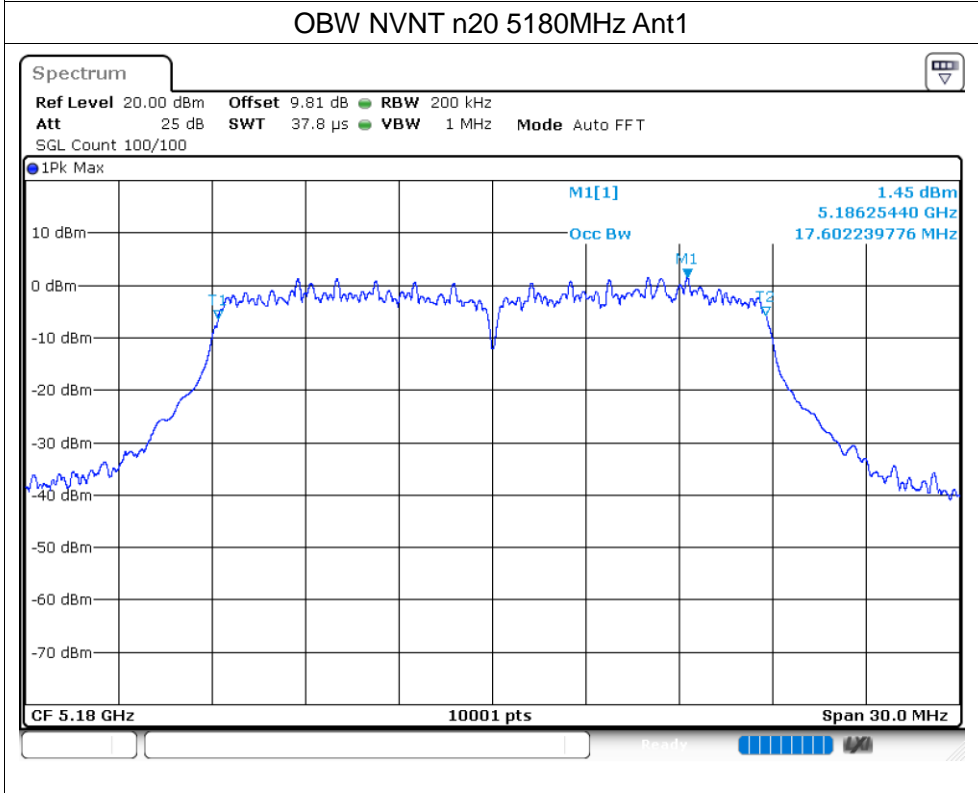
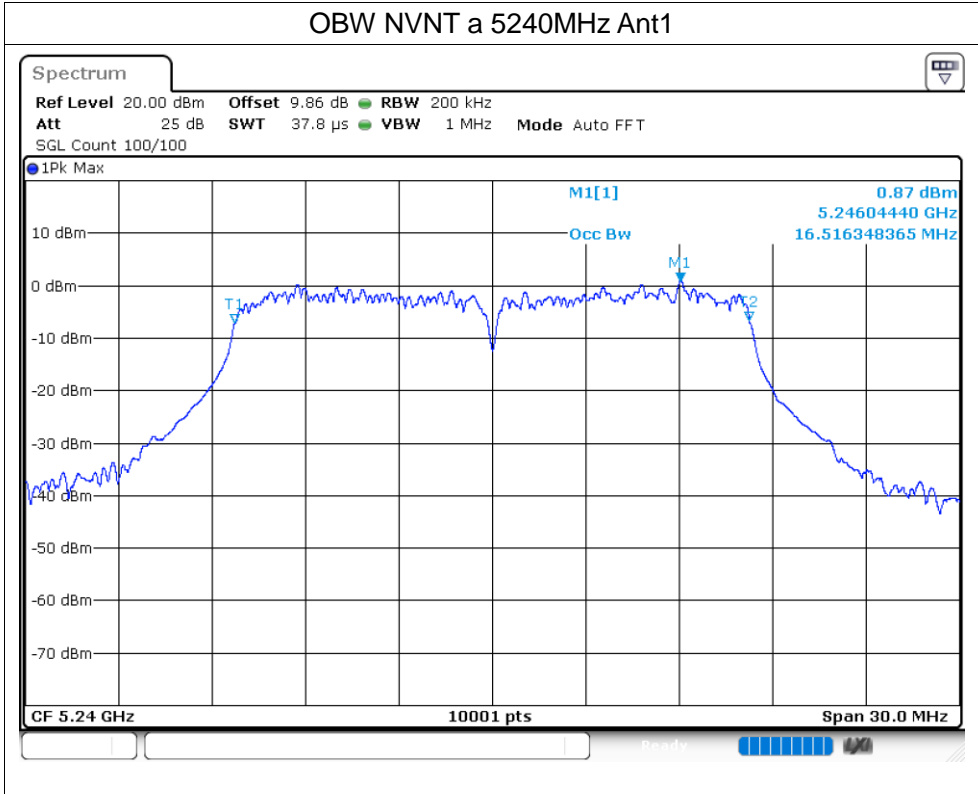
Test Graphs

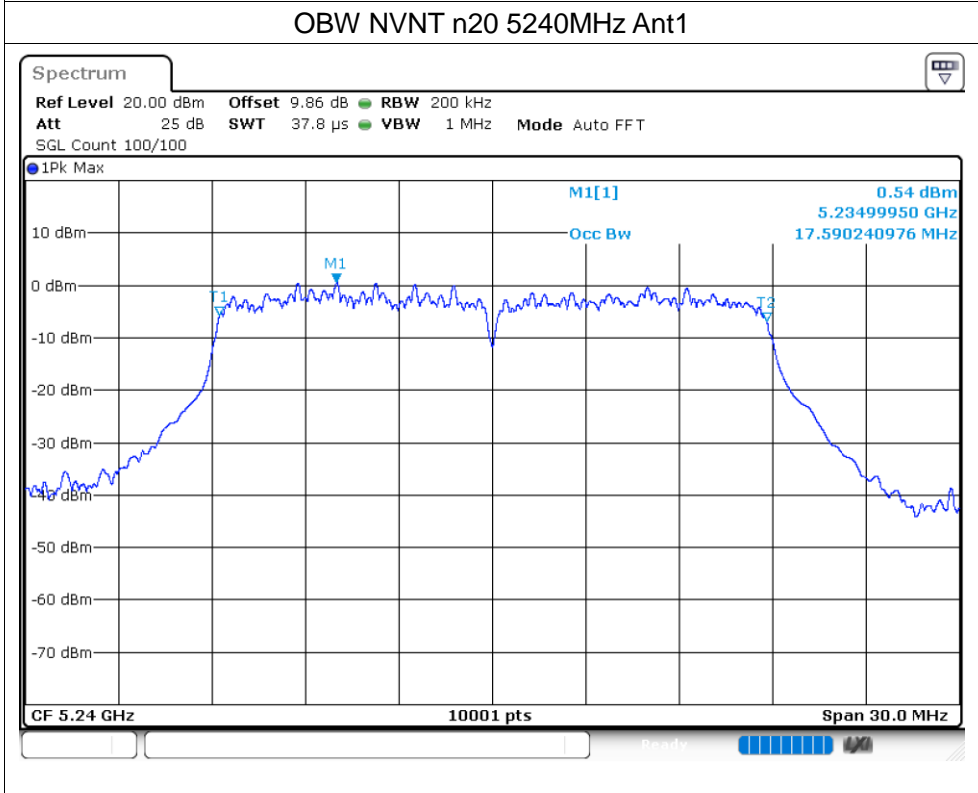
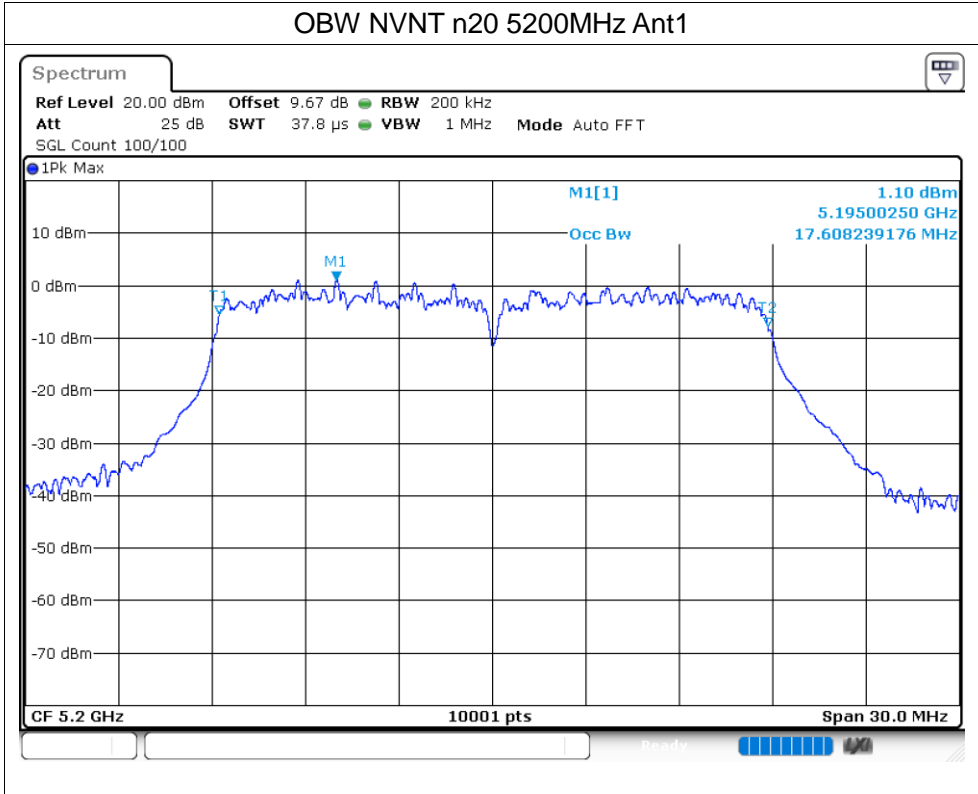
OBW NVNT a 5180MHz Ant1

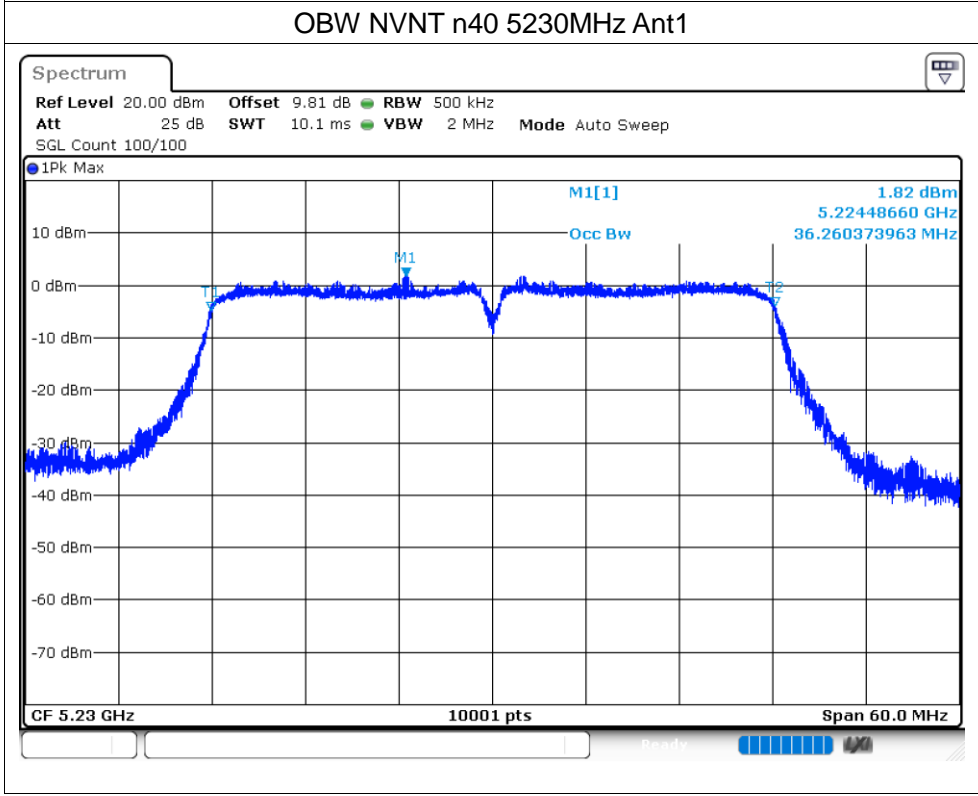
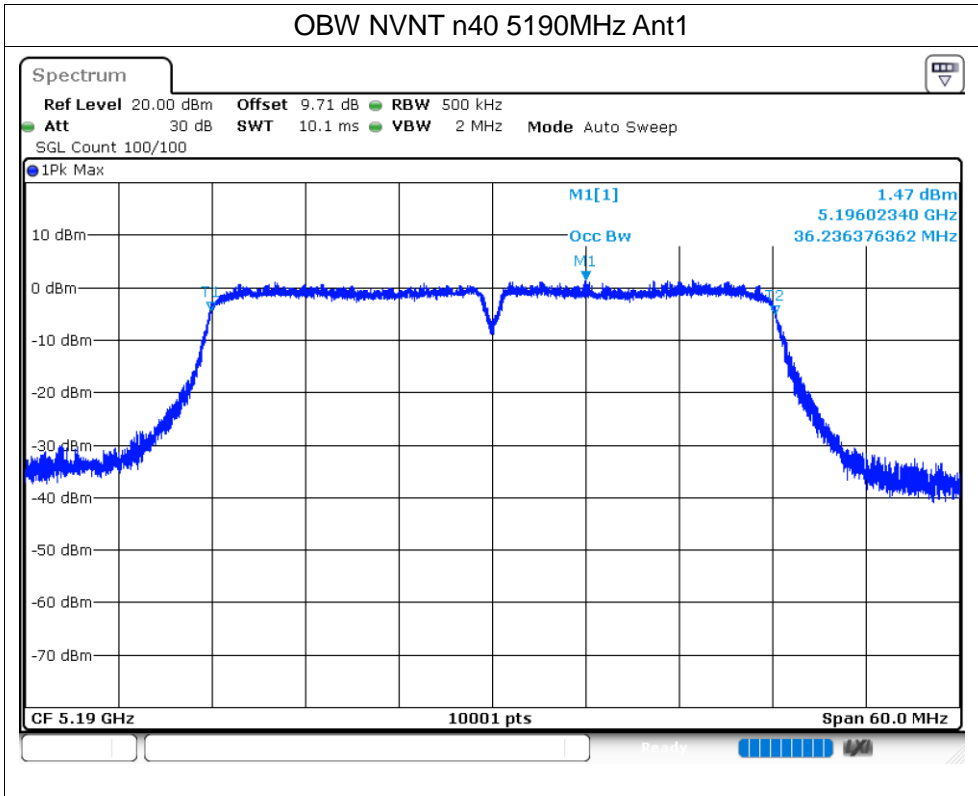


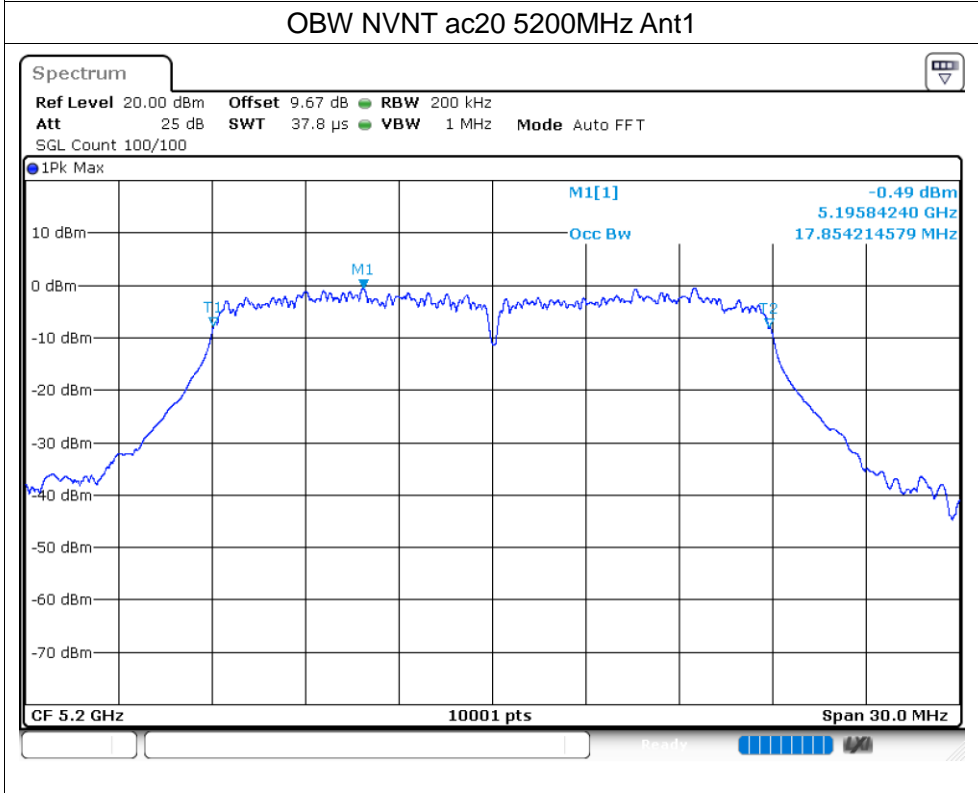
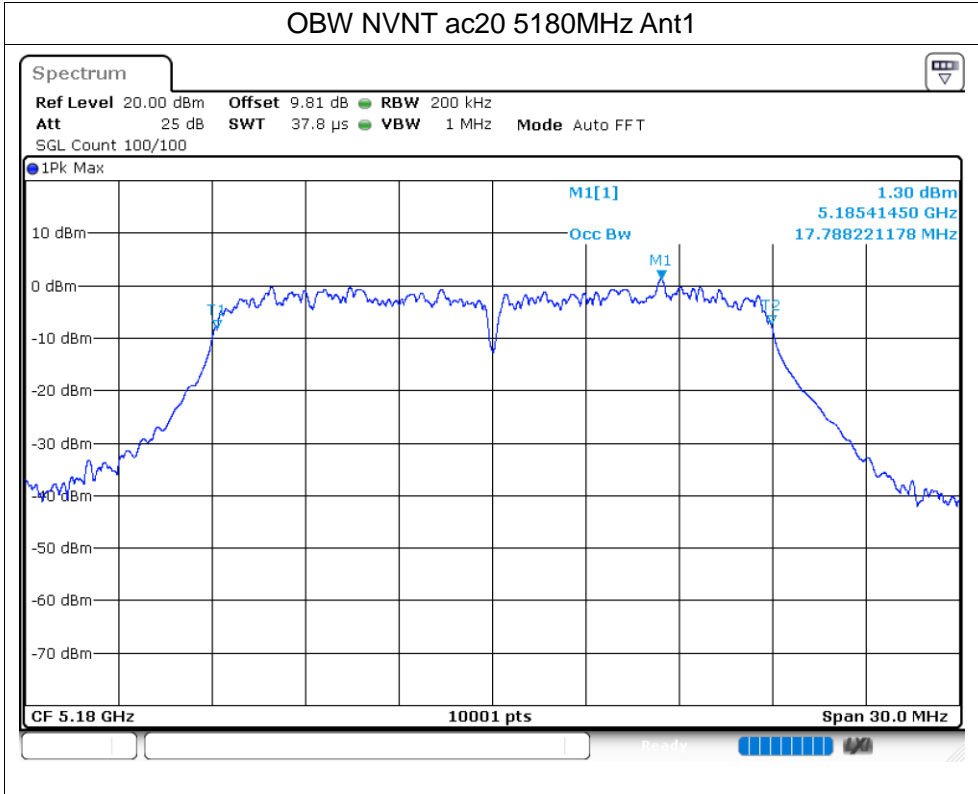
OBW NVNT a 5200MHz Ant1

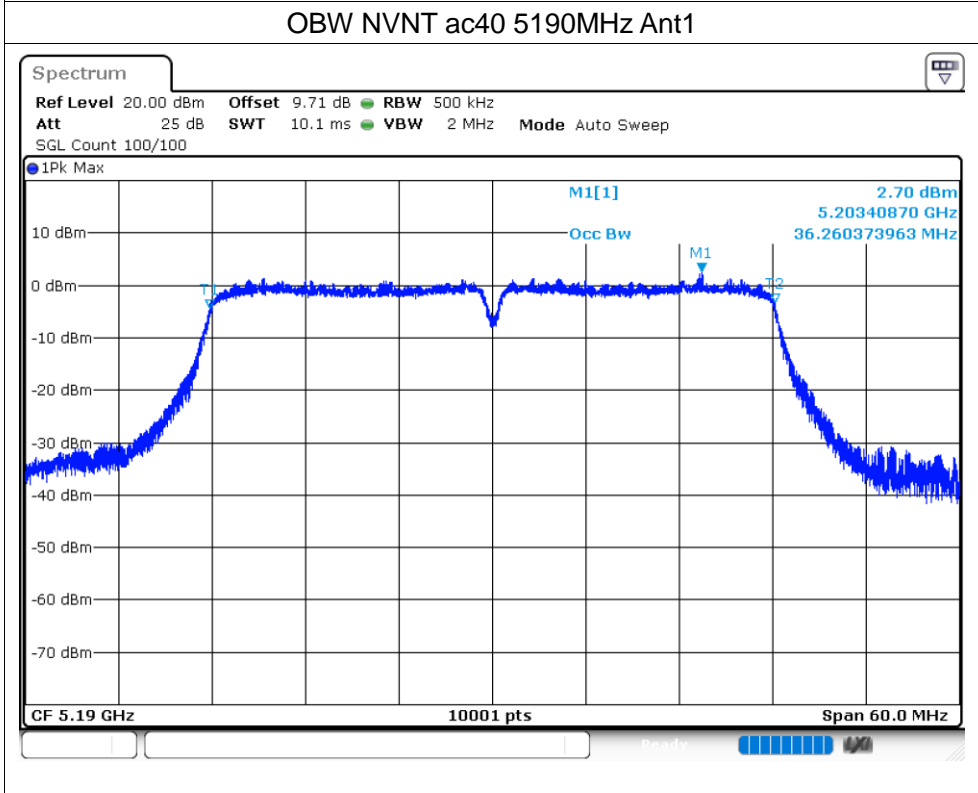
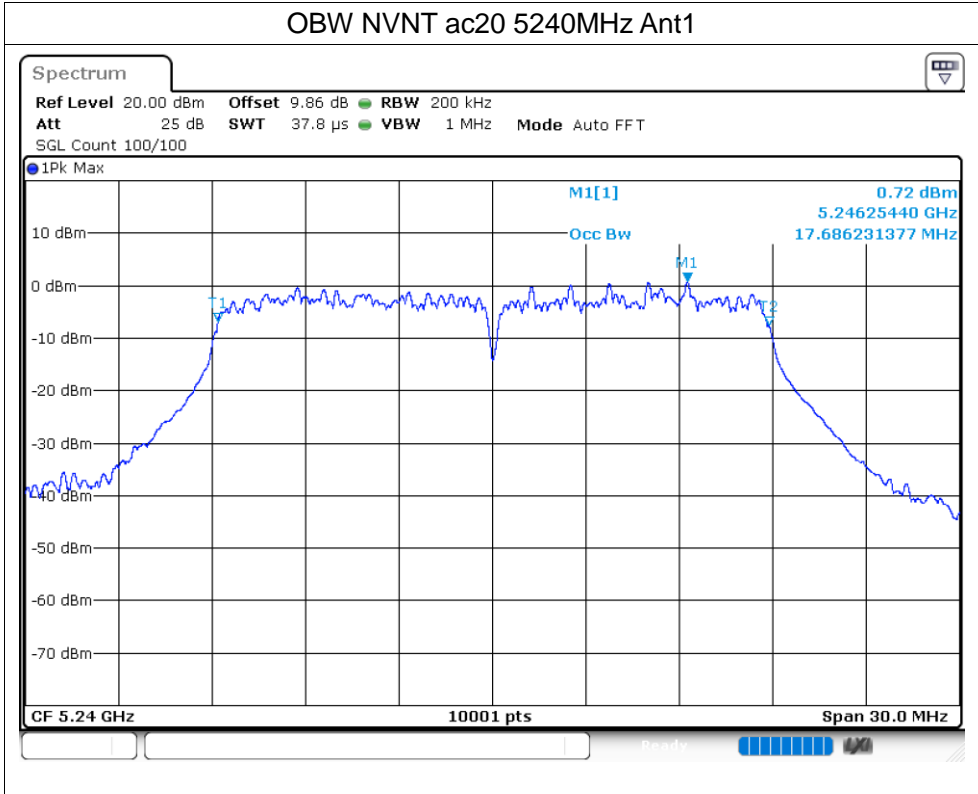




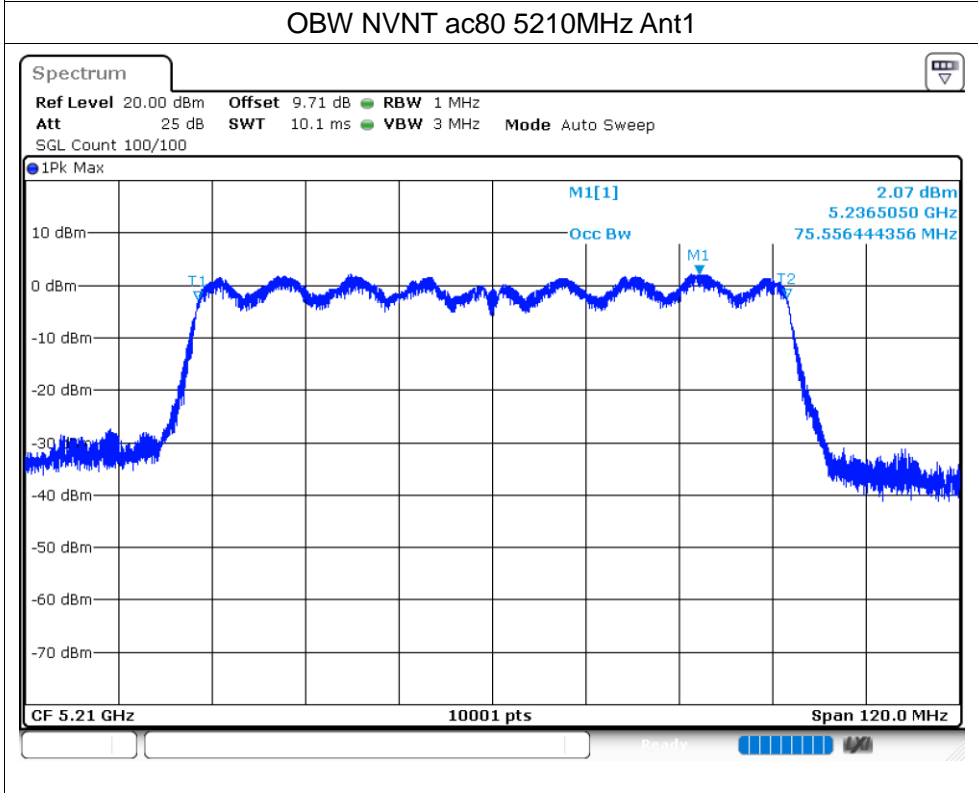
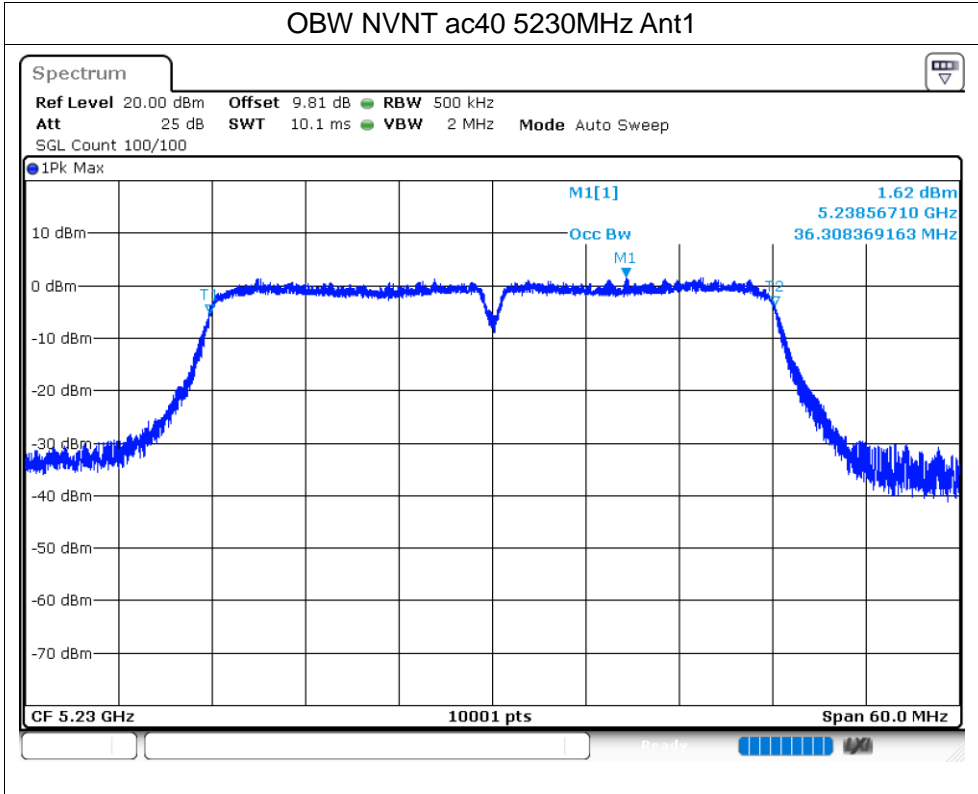










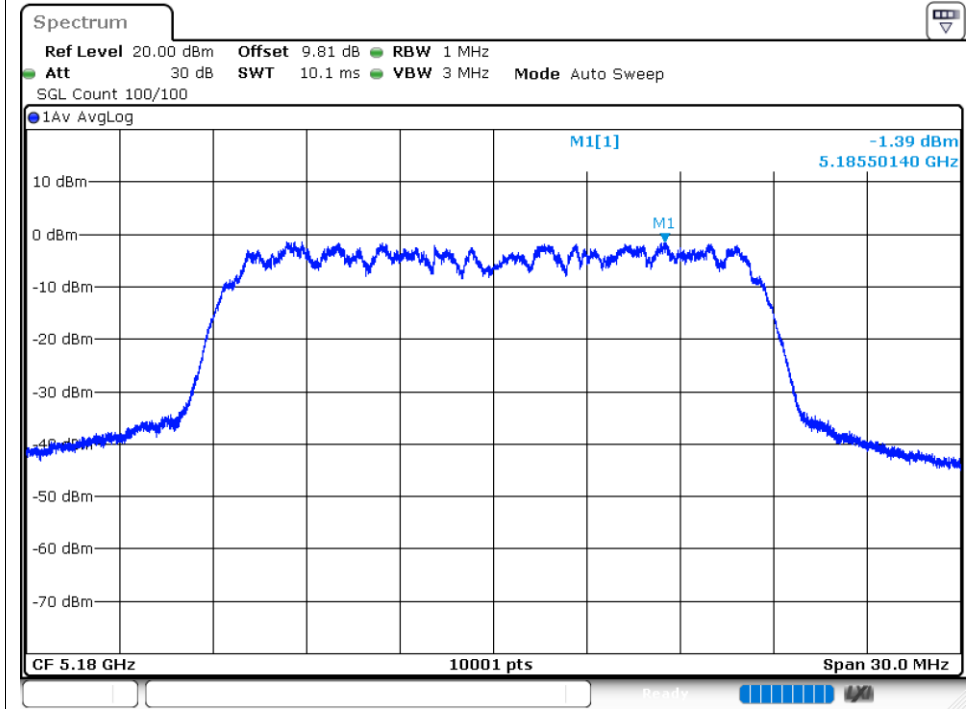


## Maximum Power Spectral Density Level

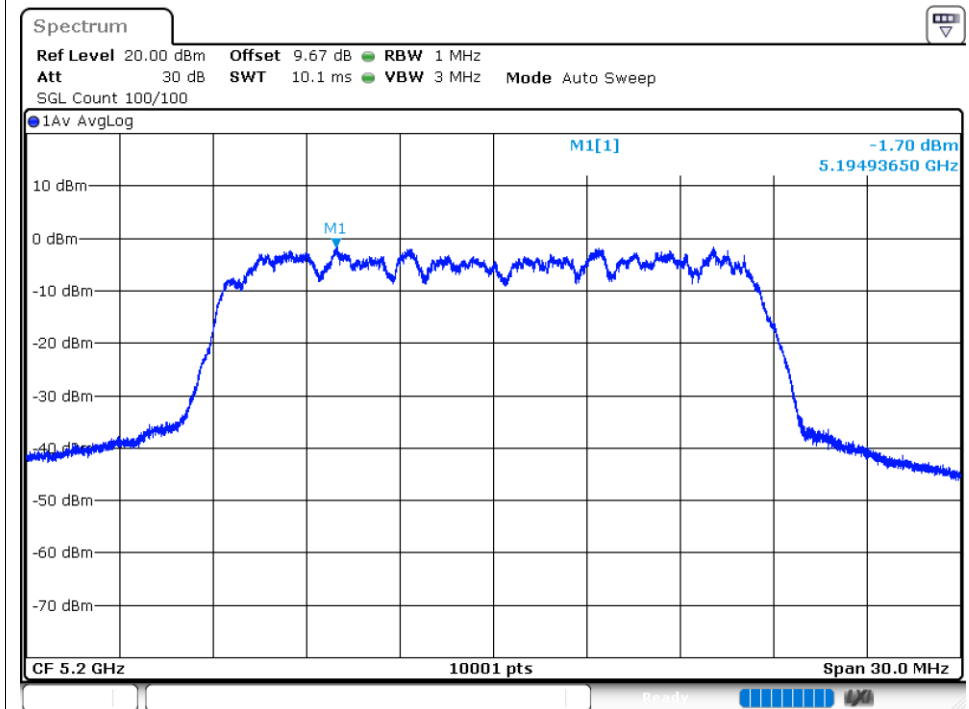
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-1.39	0.2	-1.19	11	Pass
NVNT	a	5200	Ant1	-1.7	0.22	-1.48	11	Pass
NVNT	a	5240	Ant1	-1.77	0.19	-1.58	11	Pass
NVNT	n20	5180	Ant1	-1.32	0.21	-1.11	11	Pass
NVNT	n20	5200	Ant1	-2.61	0.22	-2.39	11	Pass
NVNT	n20	5240	Ant1	-1.88	0.22	-1.66	11	Pass
NVNT	n40	5190	Ant1	-5.95	0.41	-5.54	11	Pass
NVNT	n40	5230	Ant1	-5.91	0.39	-5.52	11	Pass
NVNT	ac20	5180	Ant1	-1.35	0.18	-1.17	11	Pass
NVNT	ac20	5200	Ant1	-2.12	0.19	-1.93	11	Pass
NVNT	ac20	5240	Ant1	-1.7	0.21	-1.49	11	Pass
NVNT	ac40	5190	Ant1	-6.46	0.43	-6.03	11	Pass
NVNT	ac40	5230	Ant1	-6.38	0.42	-5.96	11	Pass
NVNT	ac80	5210	Ant1	-11.88	0.8	-11.08	11	Pass

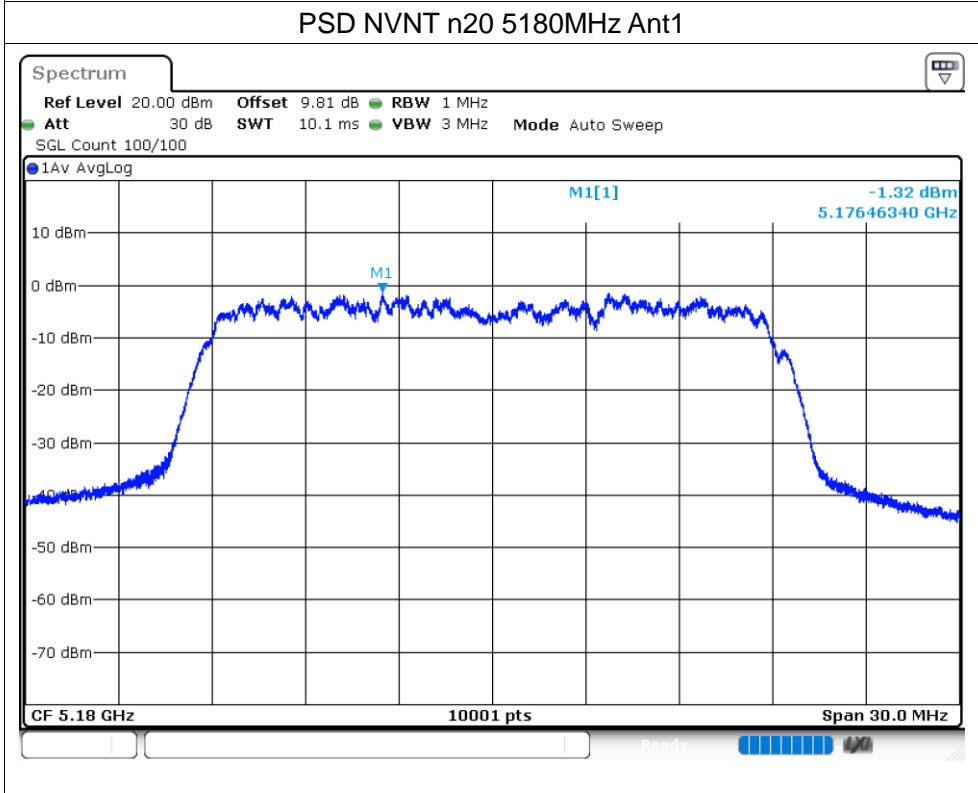
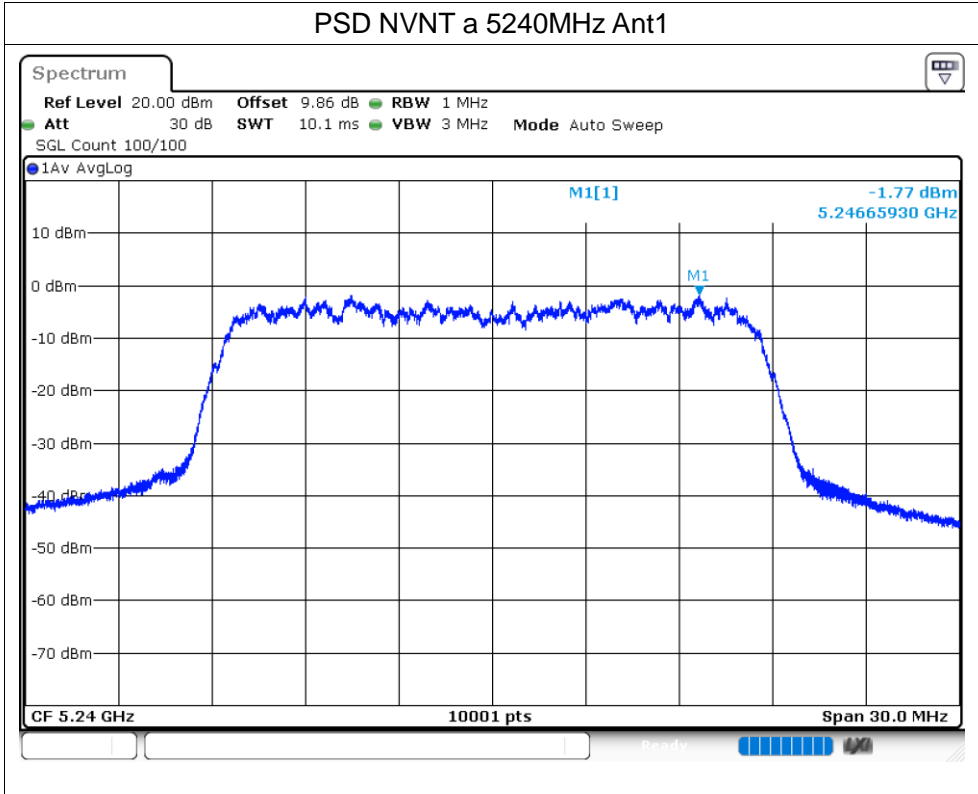
Test Graphs

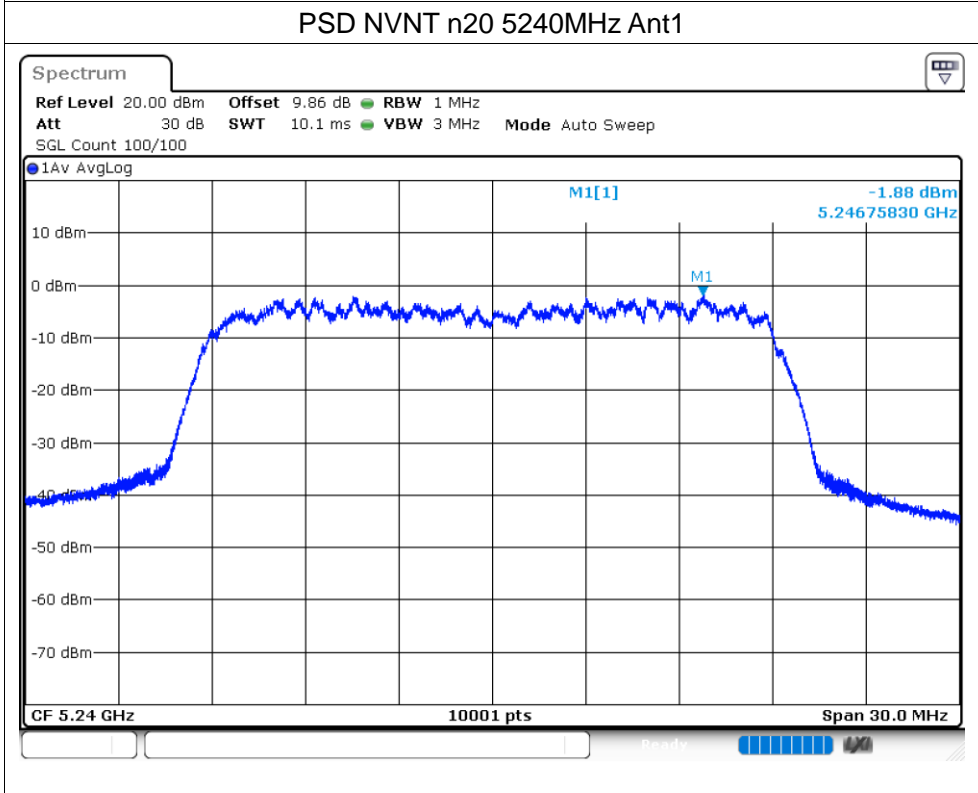
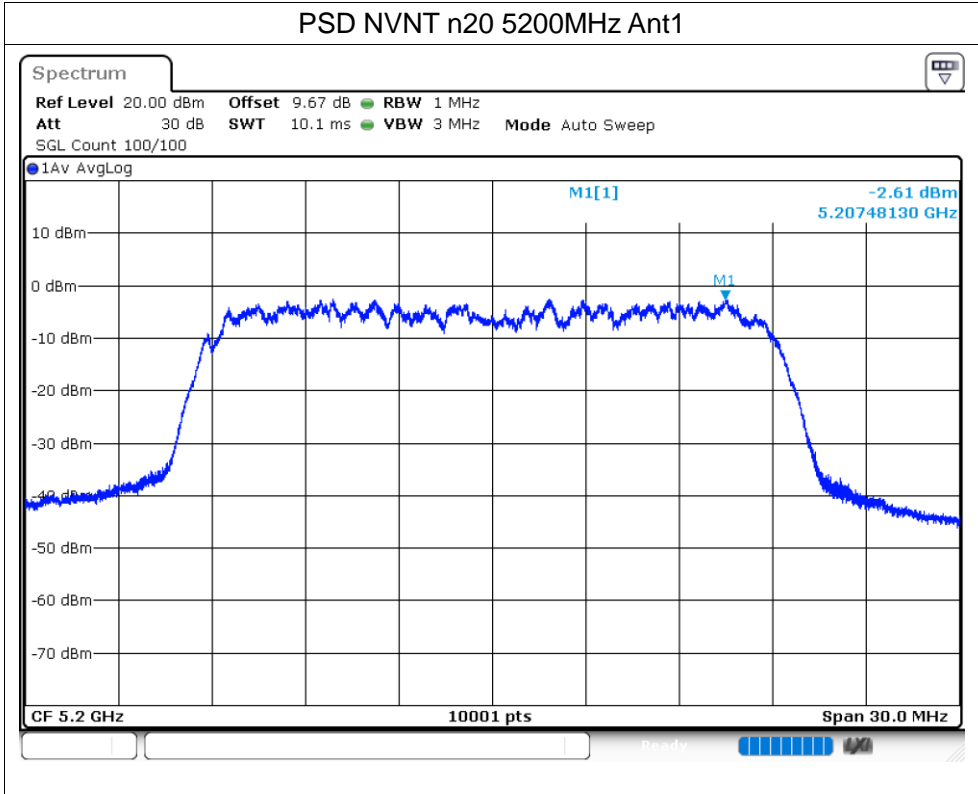
PSD NVNT a 5180MHz Ant1

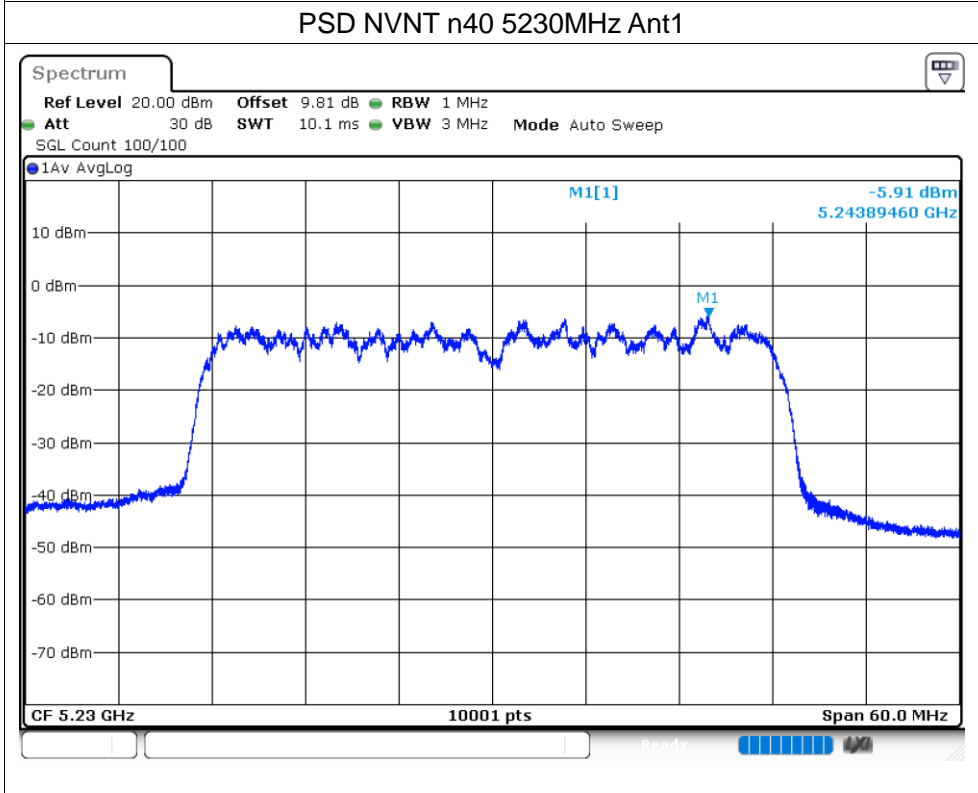
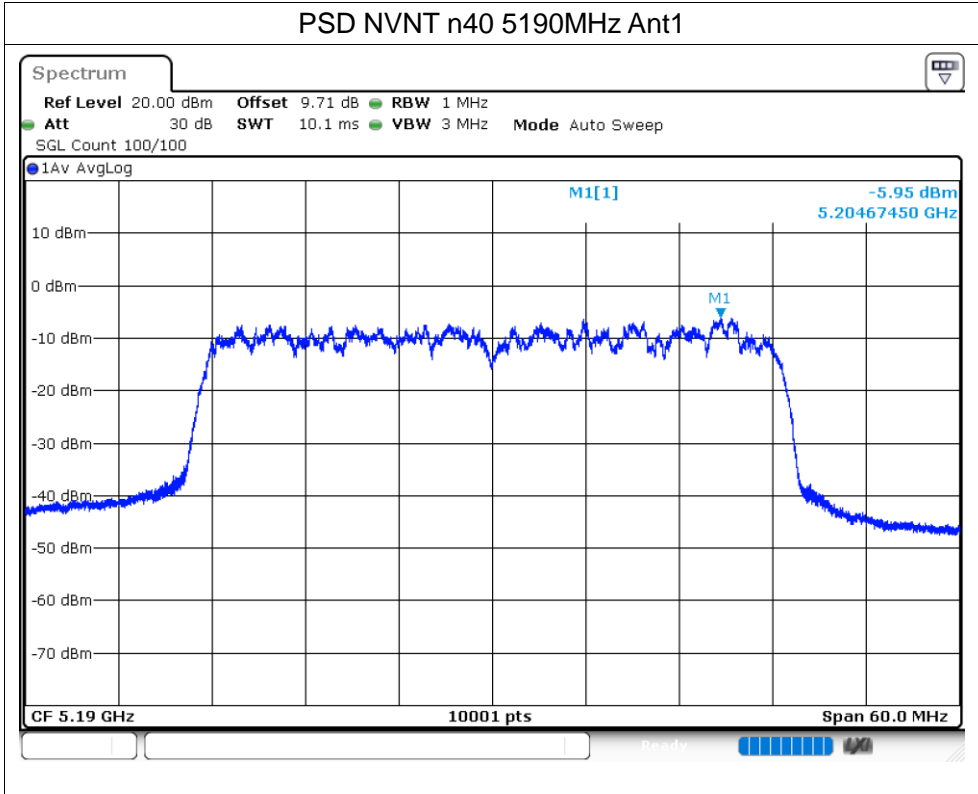


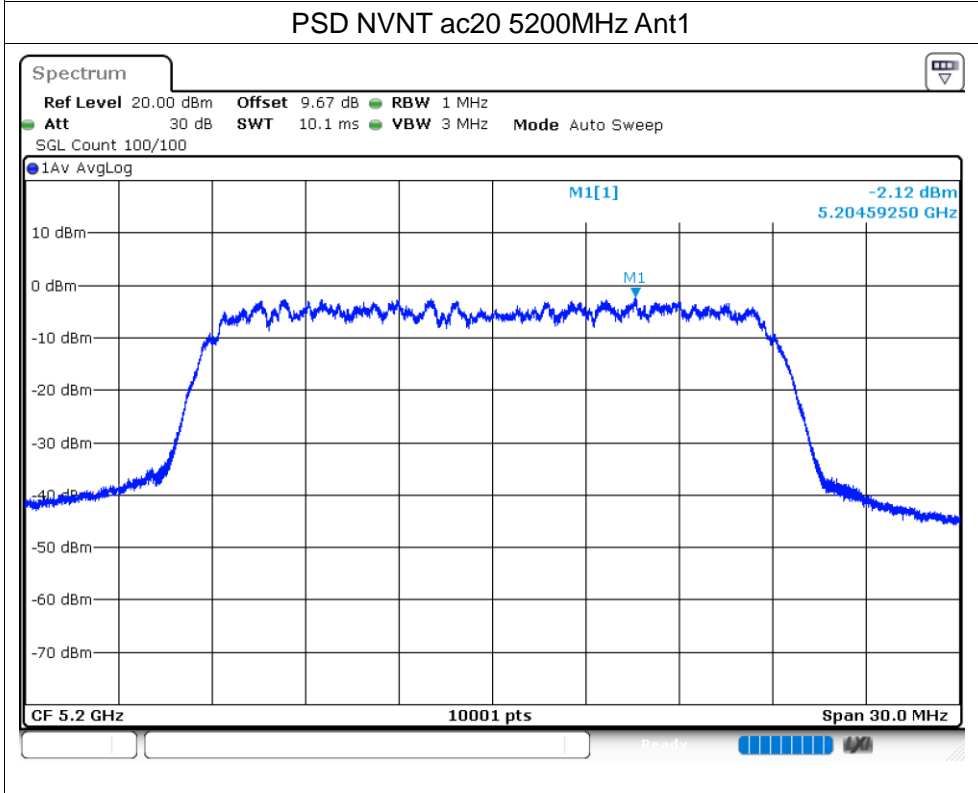
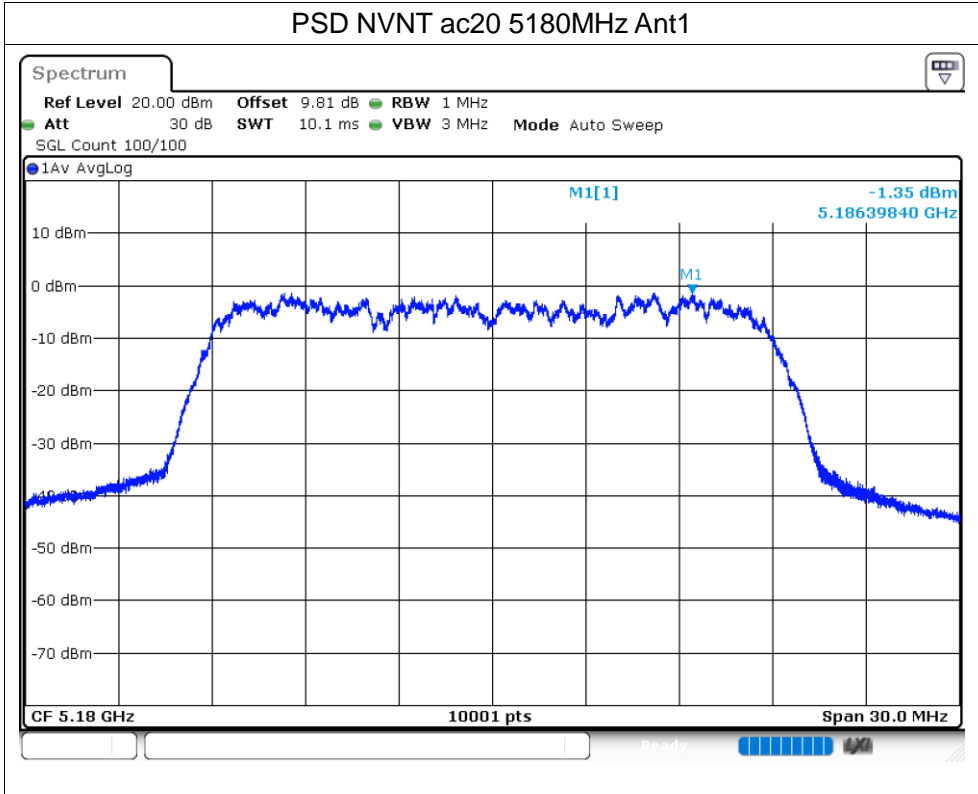
PSD NVNT a 5200MHz Ant1

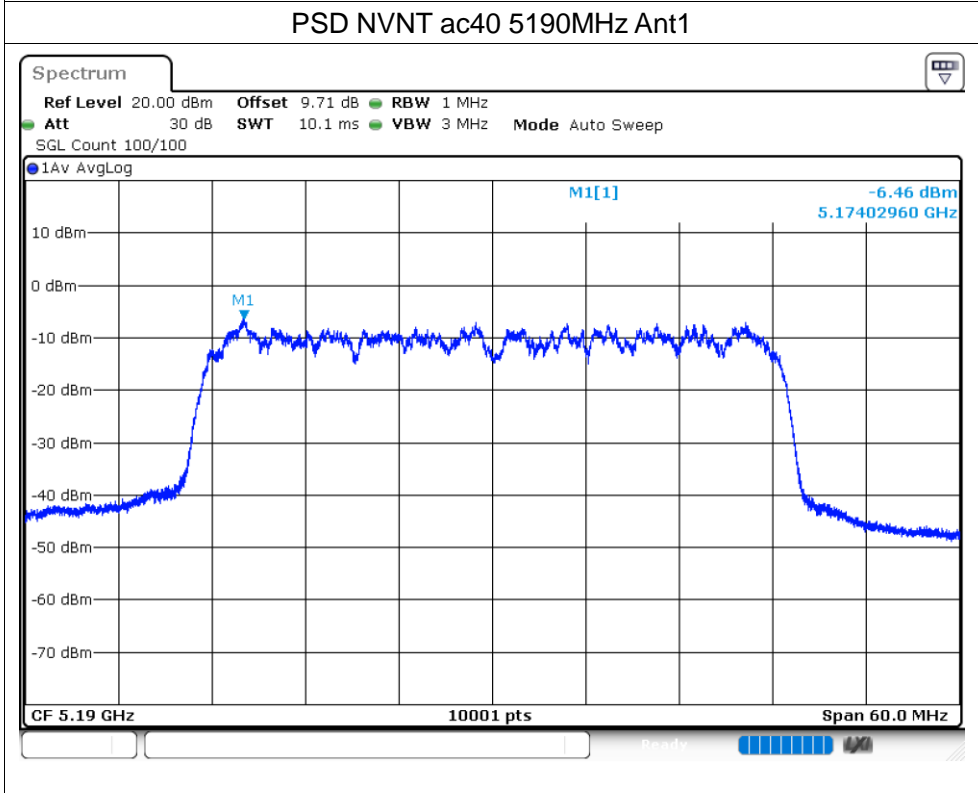
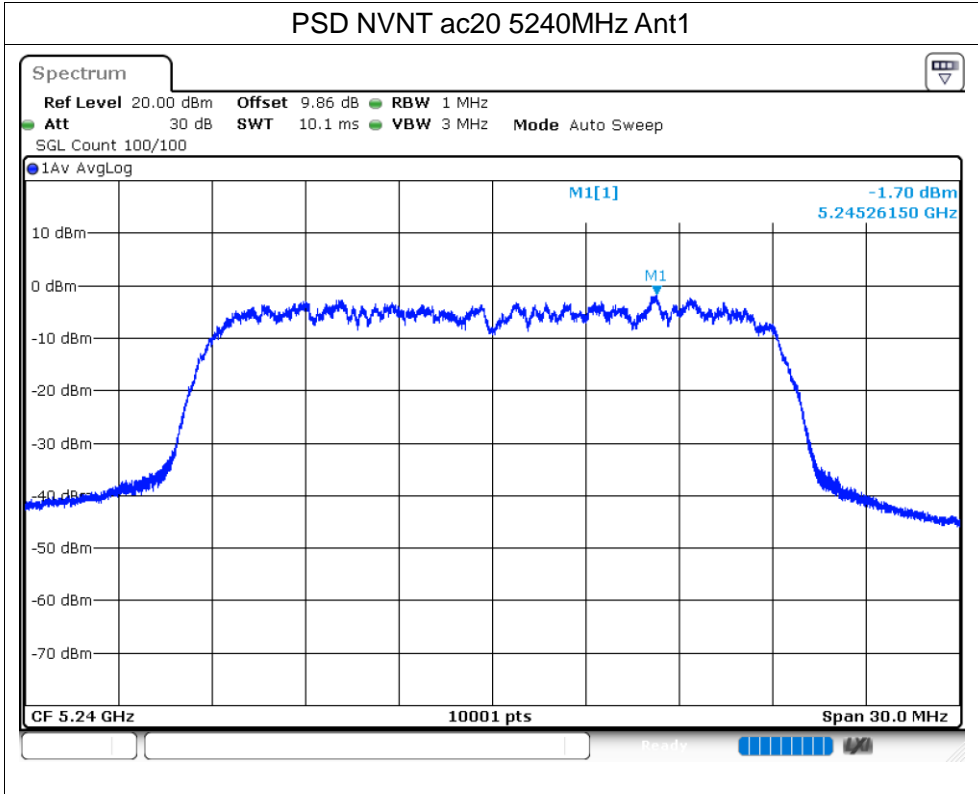




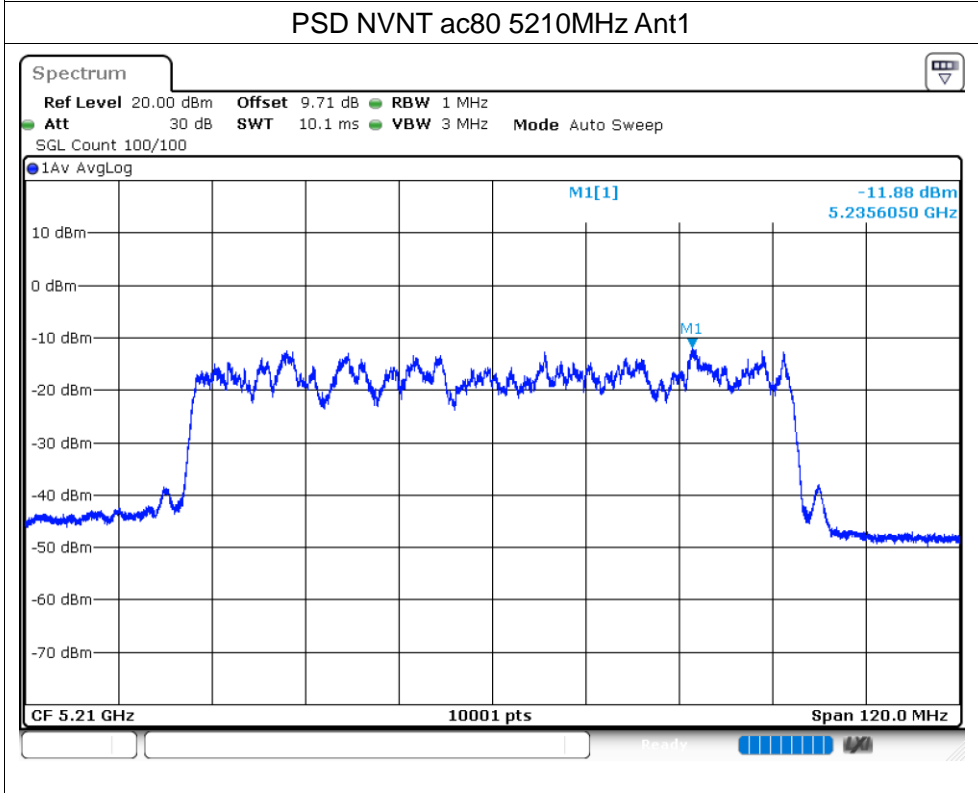
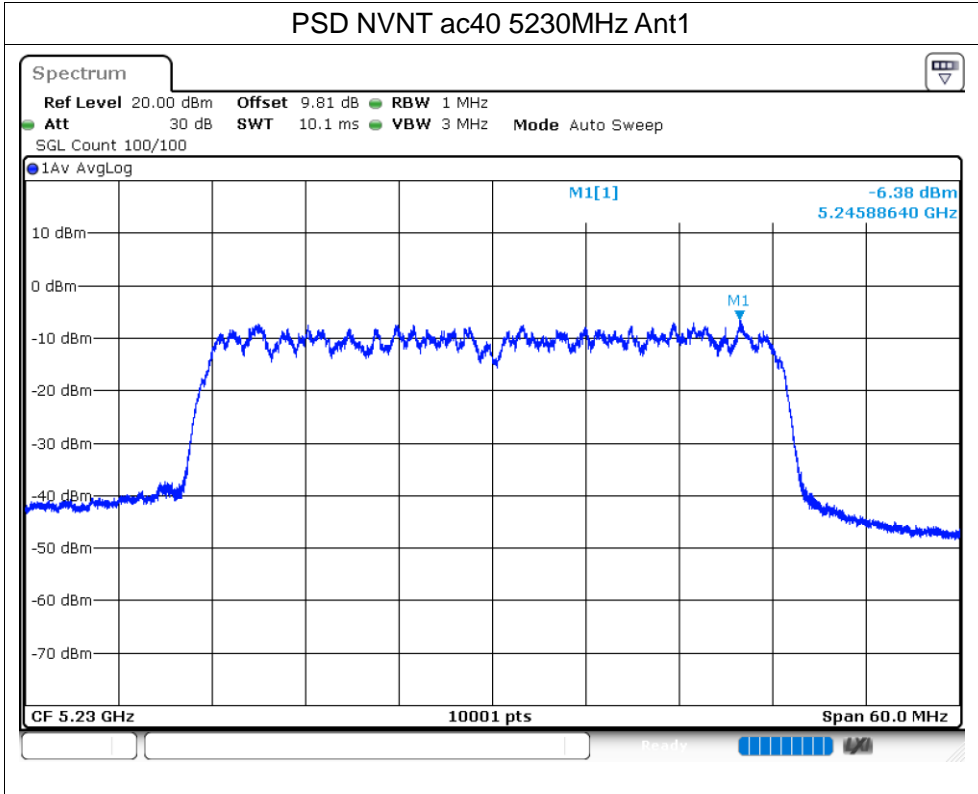










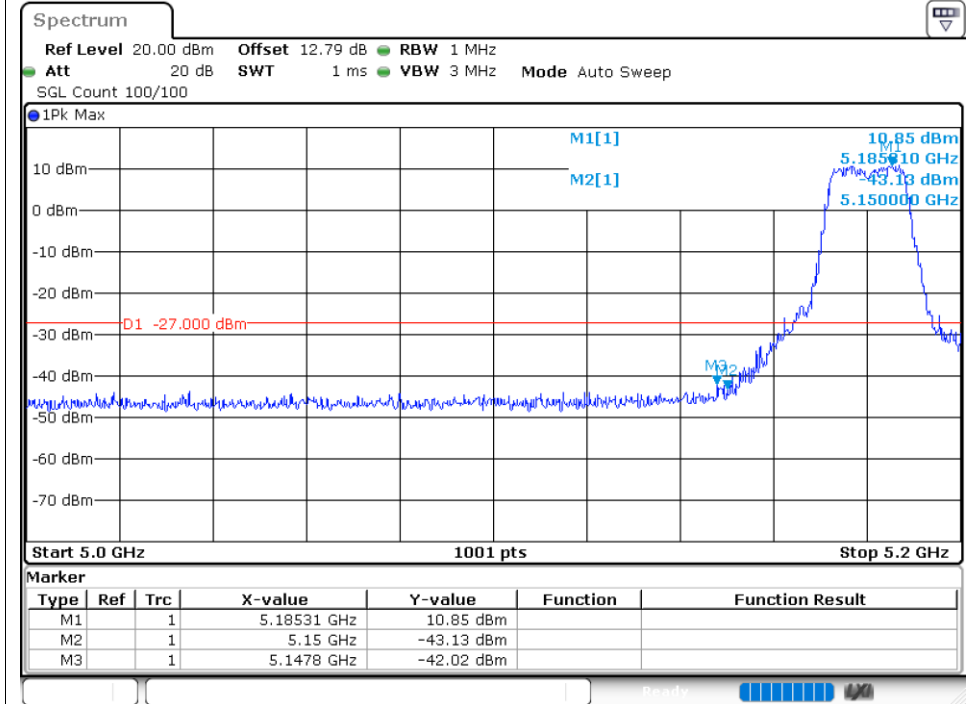


## Band Edge

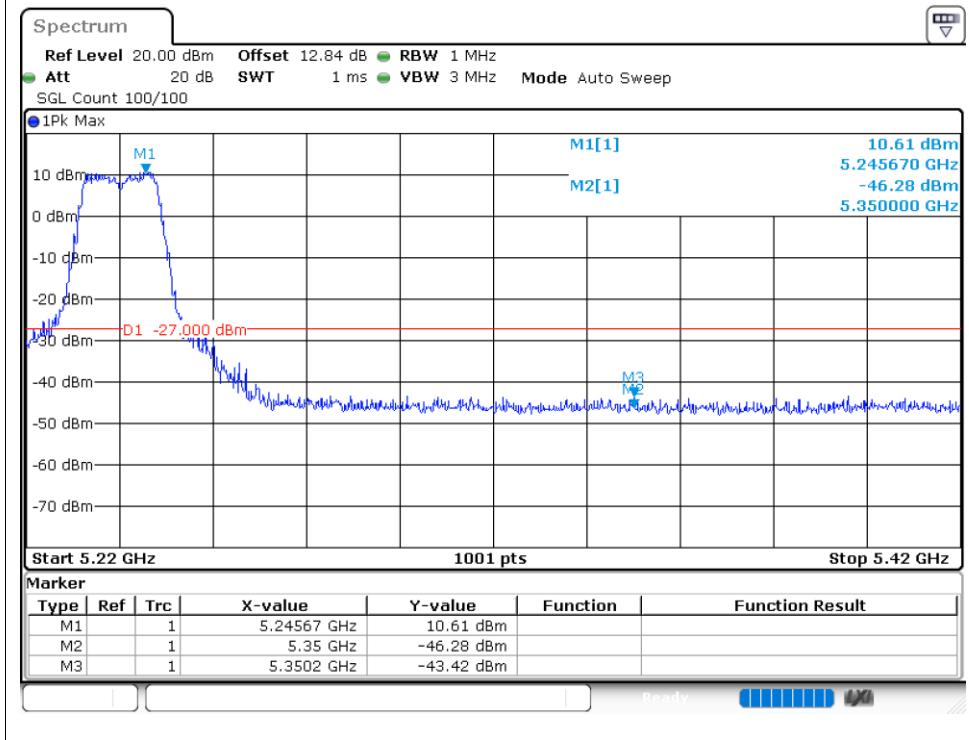
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-42.01	-27	Pass
NVNT	a	5240	Ant1	-43.42	-27	Pass
NVNT	n20	5180	Ant1	-41.65	-27	Pass
NVNT	n20	5240	Ant1	-43	-27	Pass
NVNT	n40	5190	Ant1	-28.72	-27	Pass
NVNT	n40	5230	Ant1	-43.86	-27	Pass
NVNT	ac20	5180	Ant1	-40.38	-27	Pass
NVNT	ac20	5240	Ant1	-43.09	-27	Pass
NVNT	ac40	5190	Ant1	-29.94	-27	Pass
NVNT	ac40	5230	Ant1	-44.17	-27	Pass
NVNT	ac80	5210	Ant1	-44	-27	Pass
NVNT	ac80	5210	Ant1	-28.22	-27	Pass

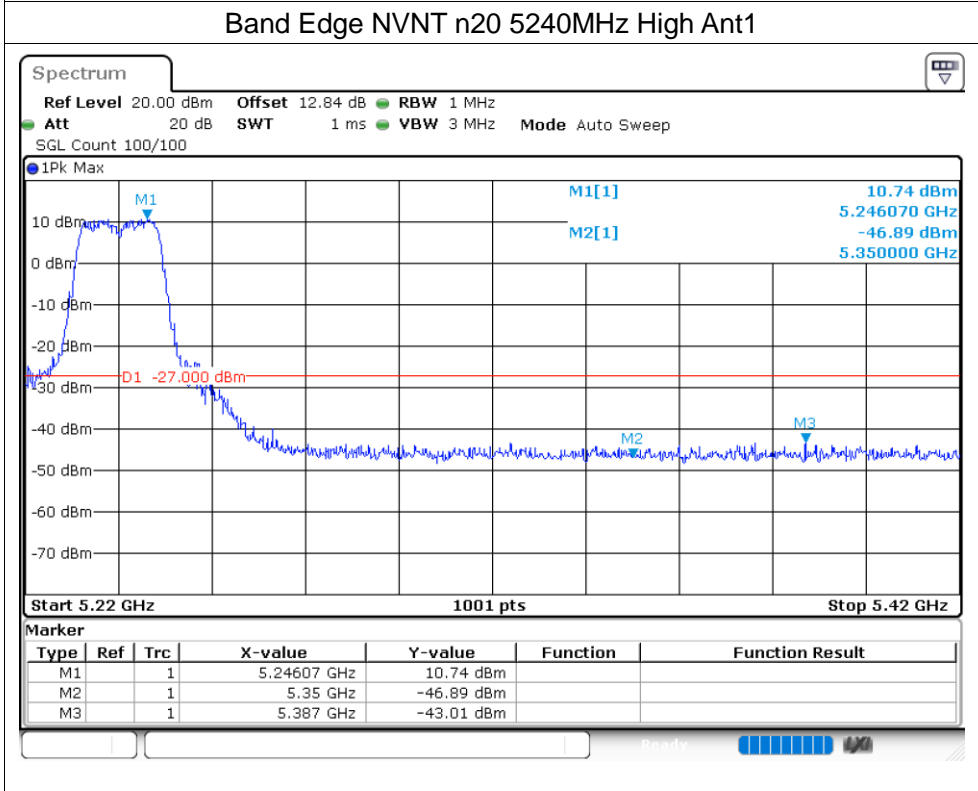
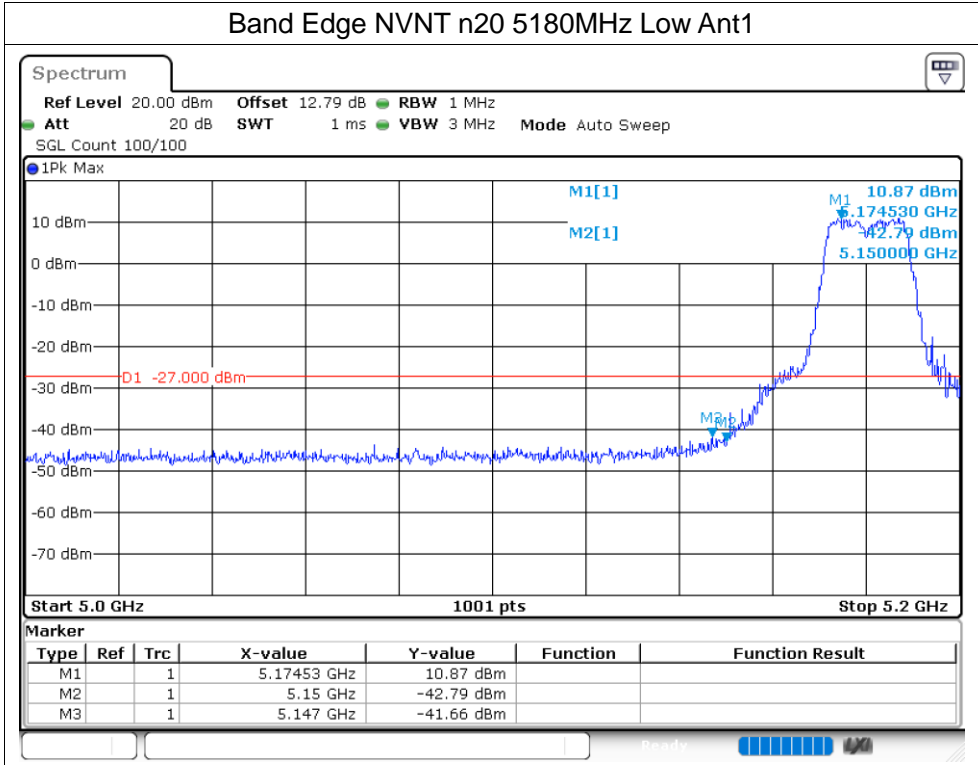
Test Graphs

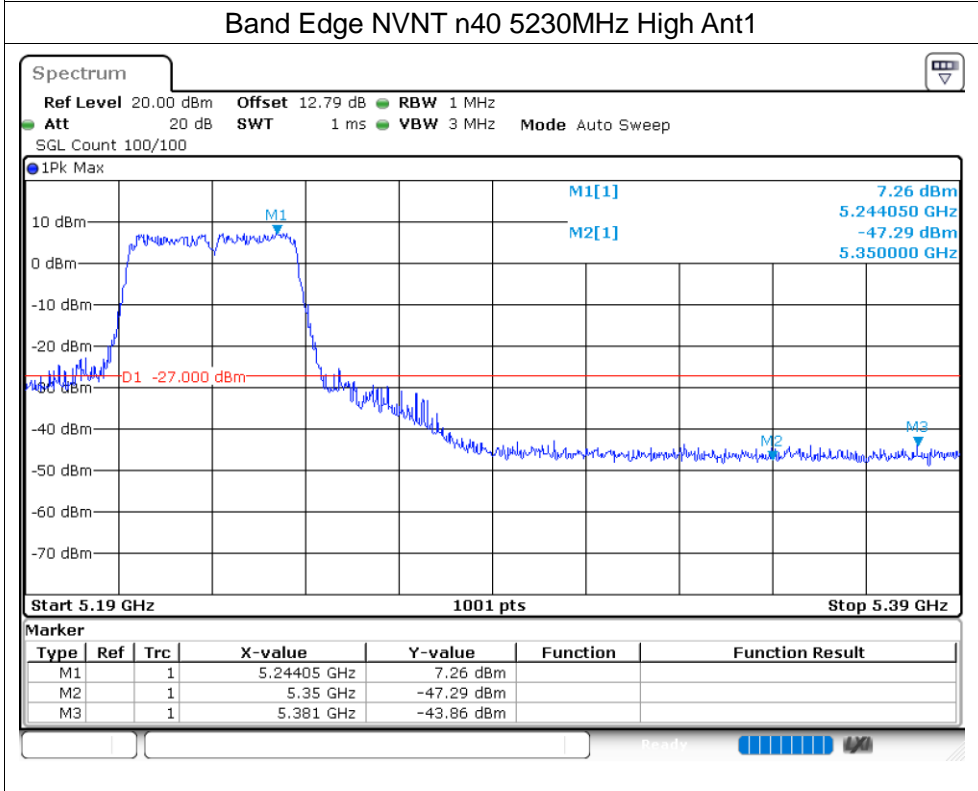
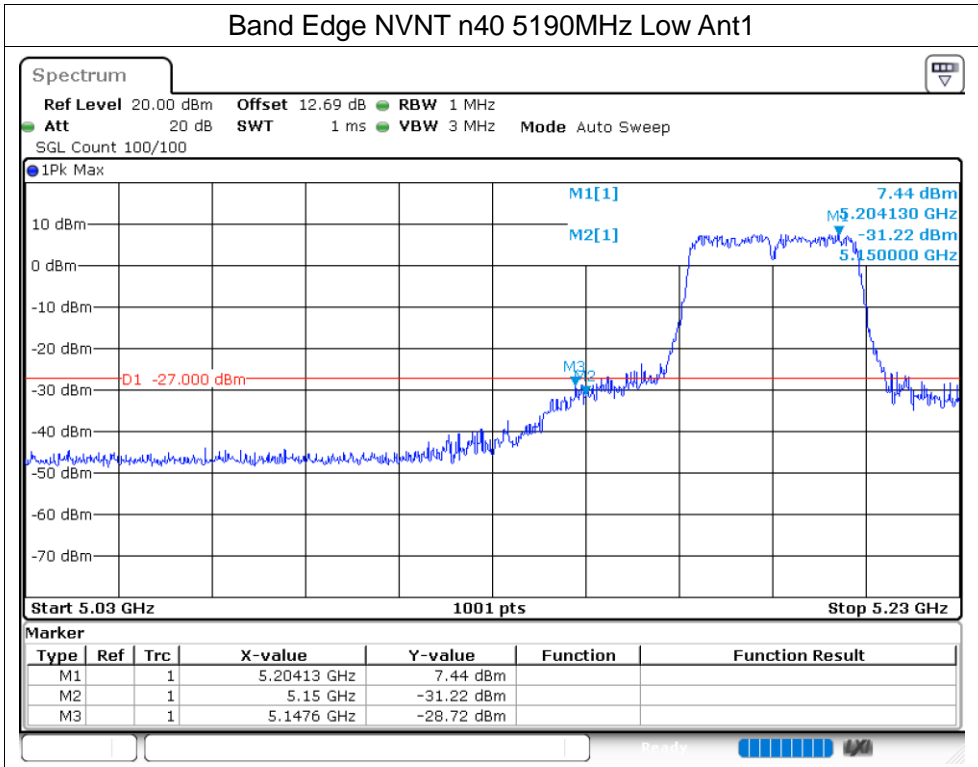
Band Edge NVNT a 5180MHz Low Ant1

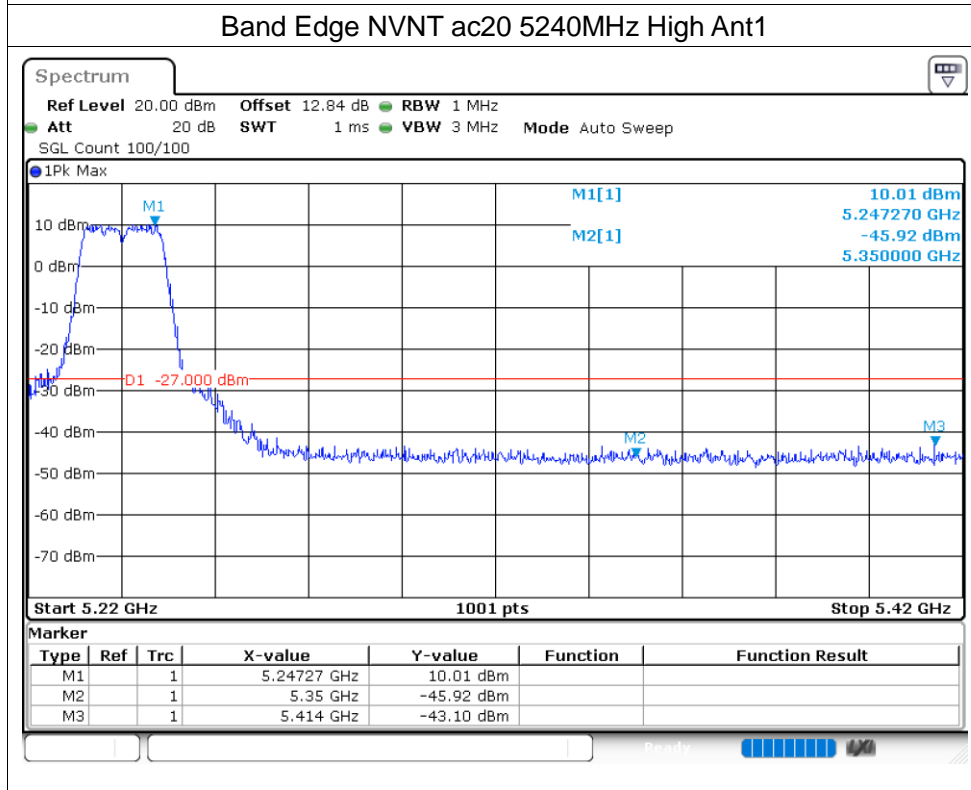
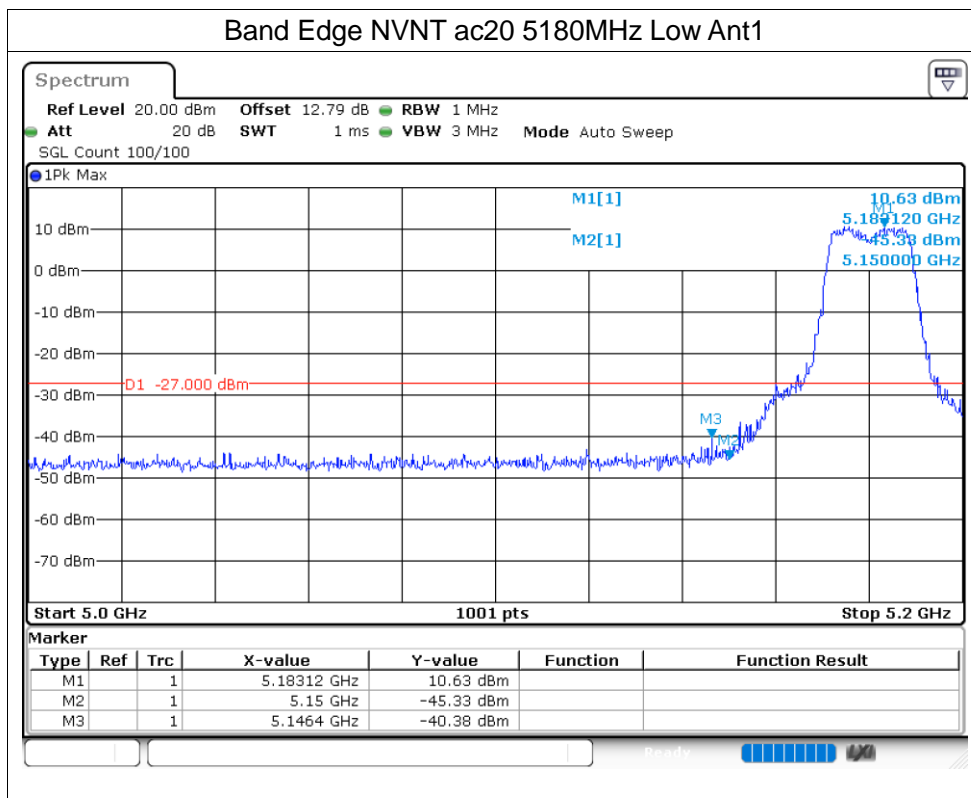


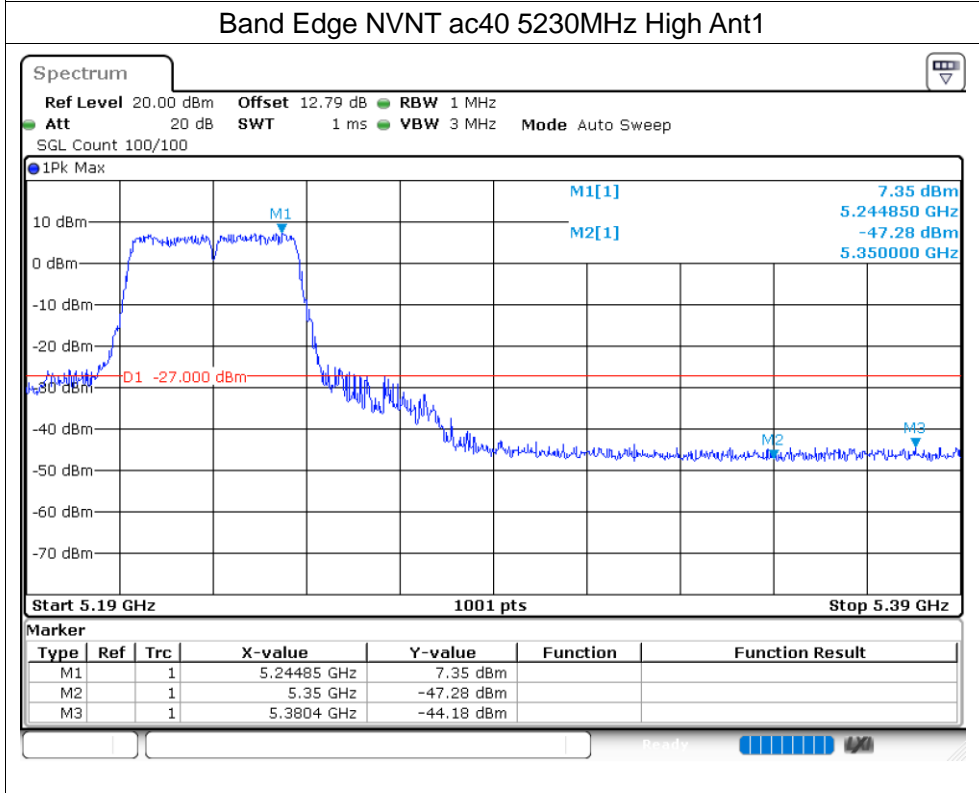
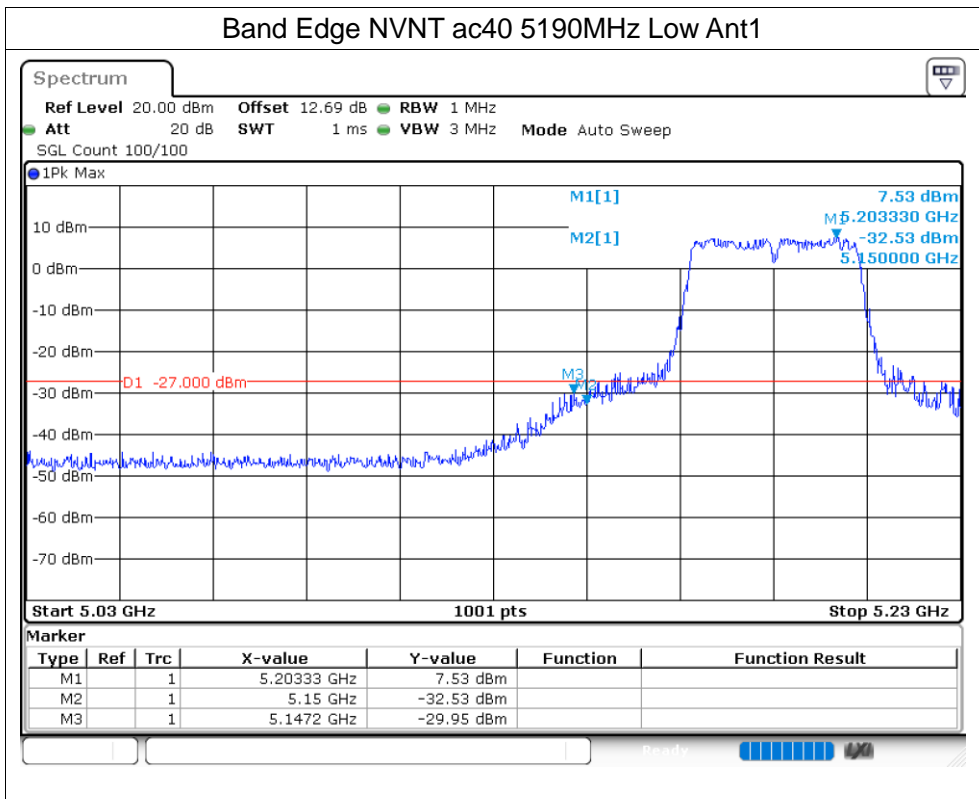
Band Edge NVNT a 5240MHz High Ant1

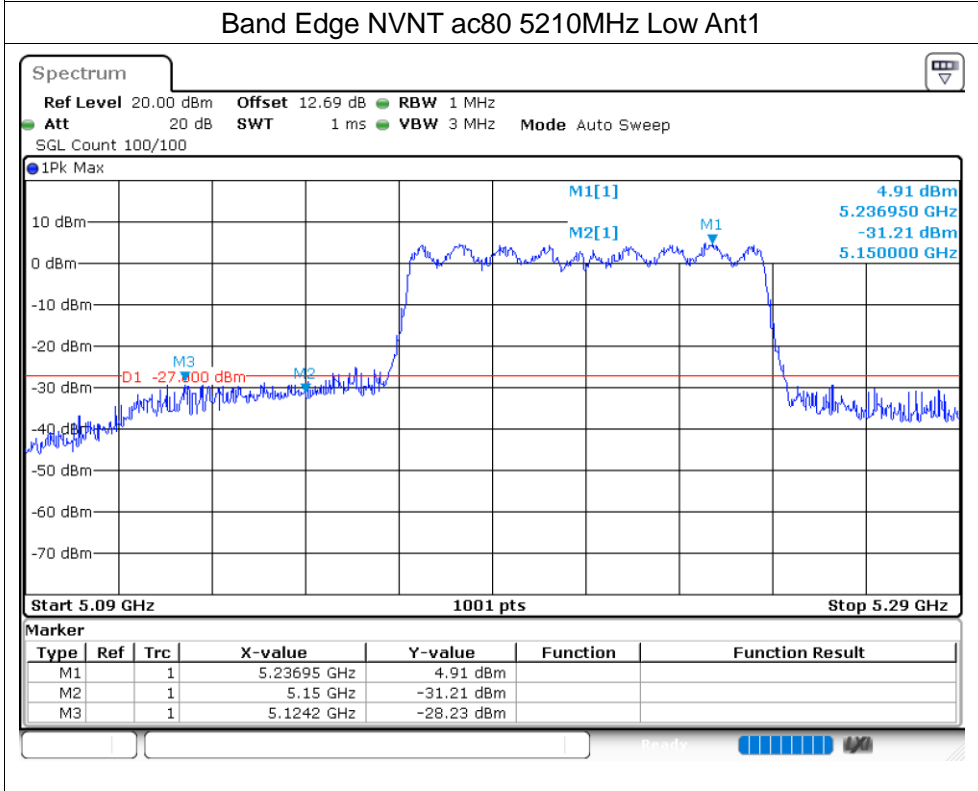
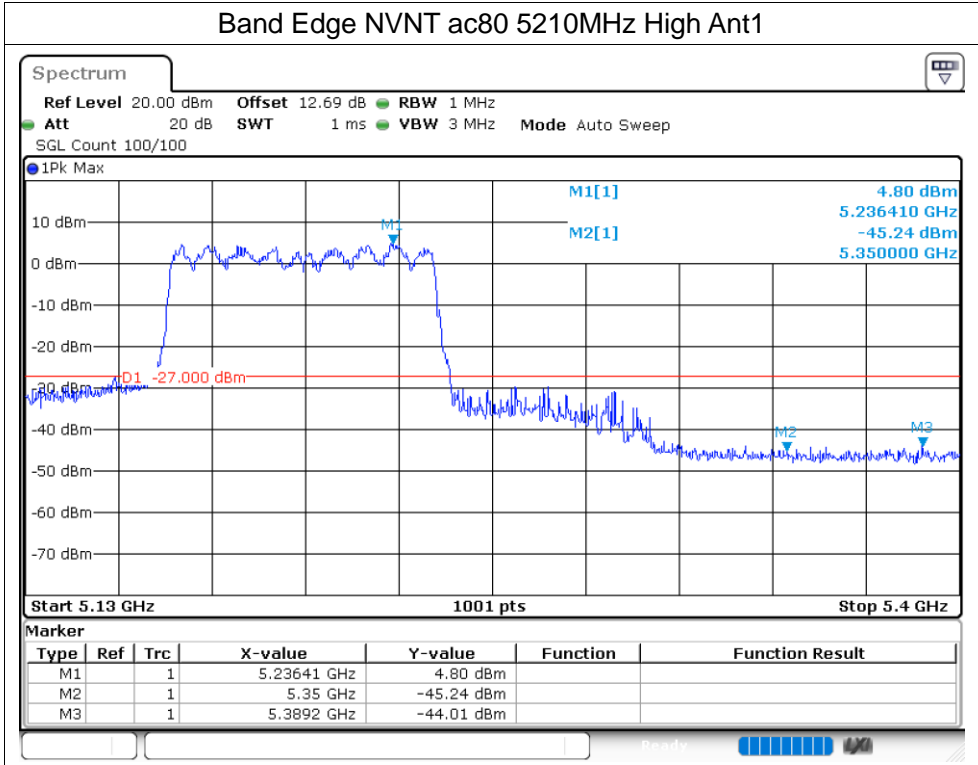












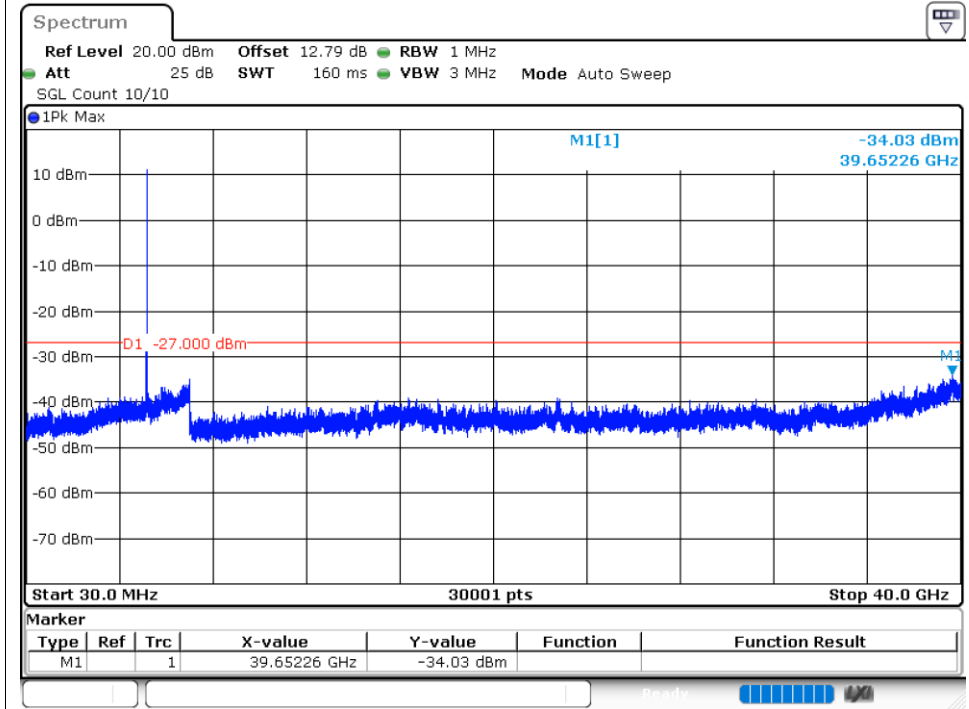


## Conducted RF Spurious Emission

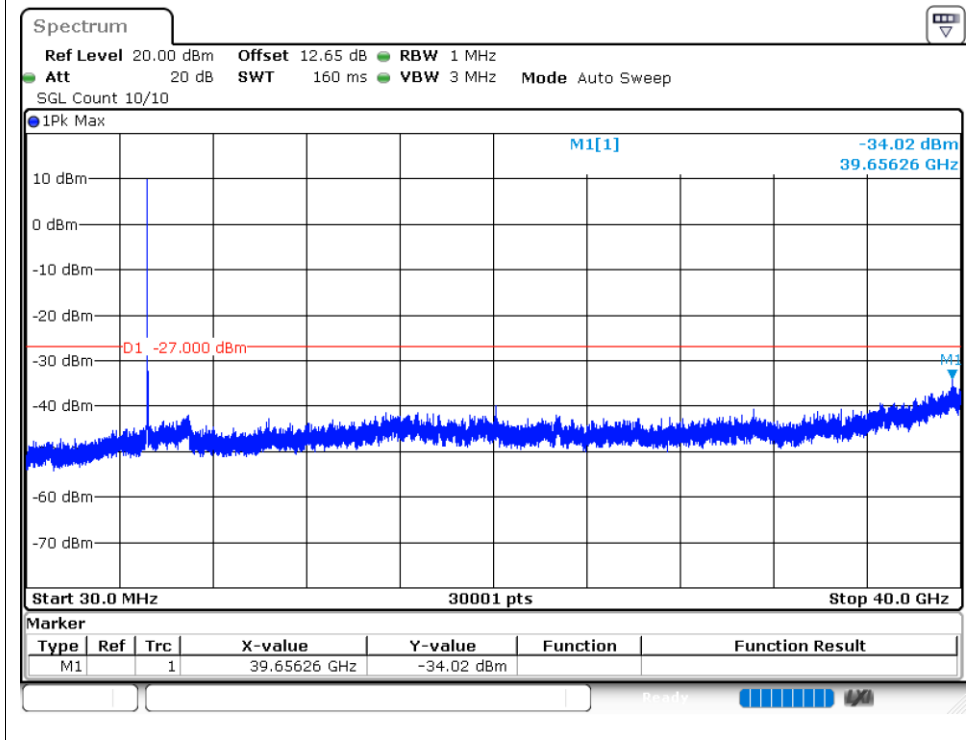
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.03	-27	Pass
NVNT	a	5200	Ant1	-34.02	-27	Pass
NVNT	a	5240	Ant1	-34.64	-27	Pass
NVNT	n20	5180	Ant1	-35.2	-27	Pass
NVNT	n20	5200	Ant1	-34.93	-27	Pass
NVNT	n20	5240	Ant1	-34.98	-27	Pass
NVNT	n40	5190	Ant1	-34.63	-27	Pass
NVNT	n40	5230	Ant1	-34.92	-27	Pass
NVNT	ac20	5180	Ant1	-34.67	-27	Pass
NVNT	ac20	5200	Ant1	-34.85	-27	Pass
NVNT	ac20	5240	Ant1	-34.58	-27	Pass
NVNT	ac40	5190	Ant1	-35.55	-27	Pass
NVNT	ac40	5230	Ant1	-33.94	-27	Pass
NVNT	ac80	5210	Ant1	-35.32	-27	Pass

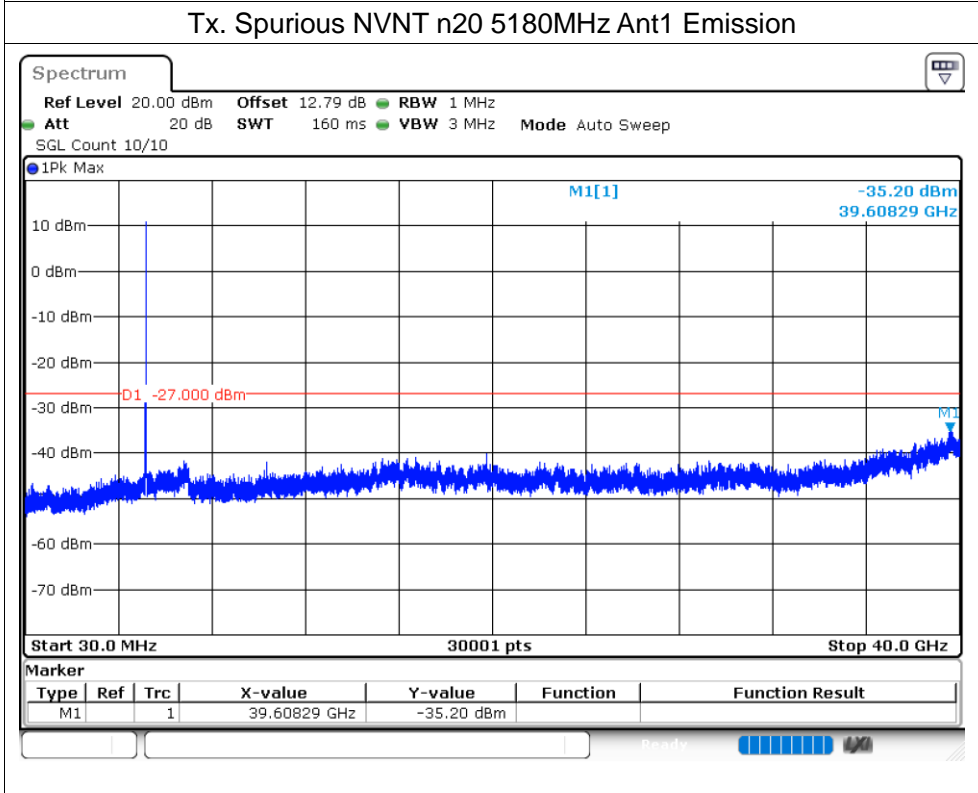
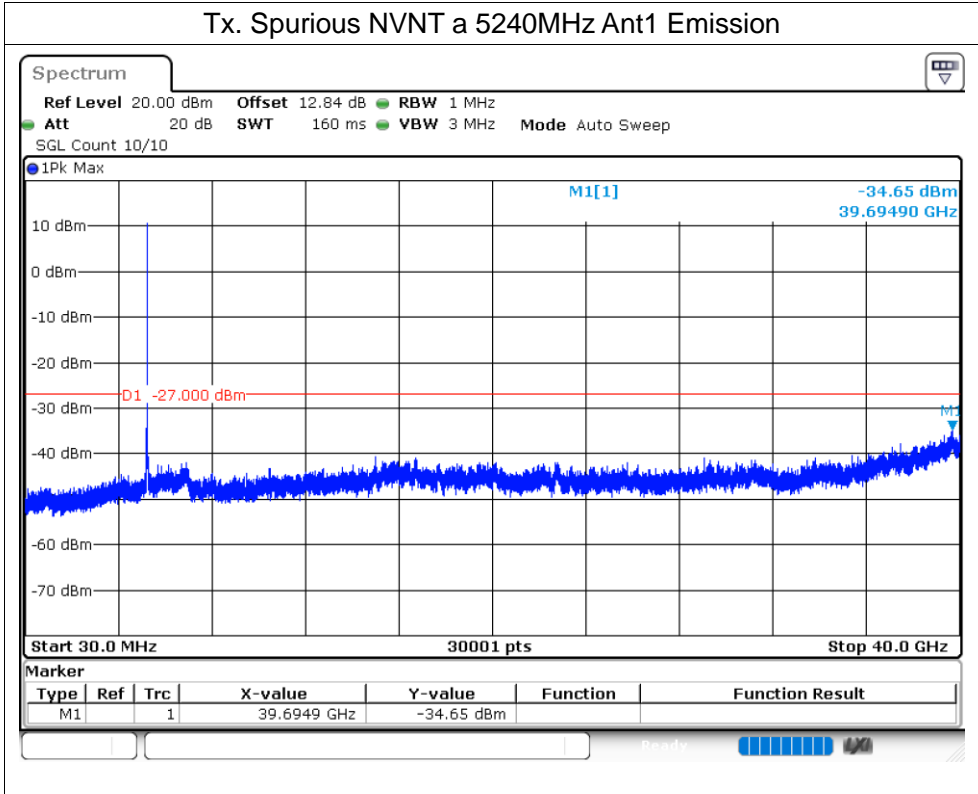
Test Graphs

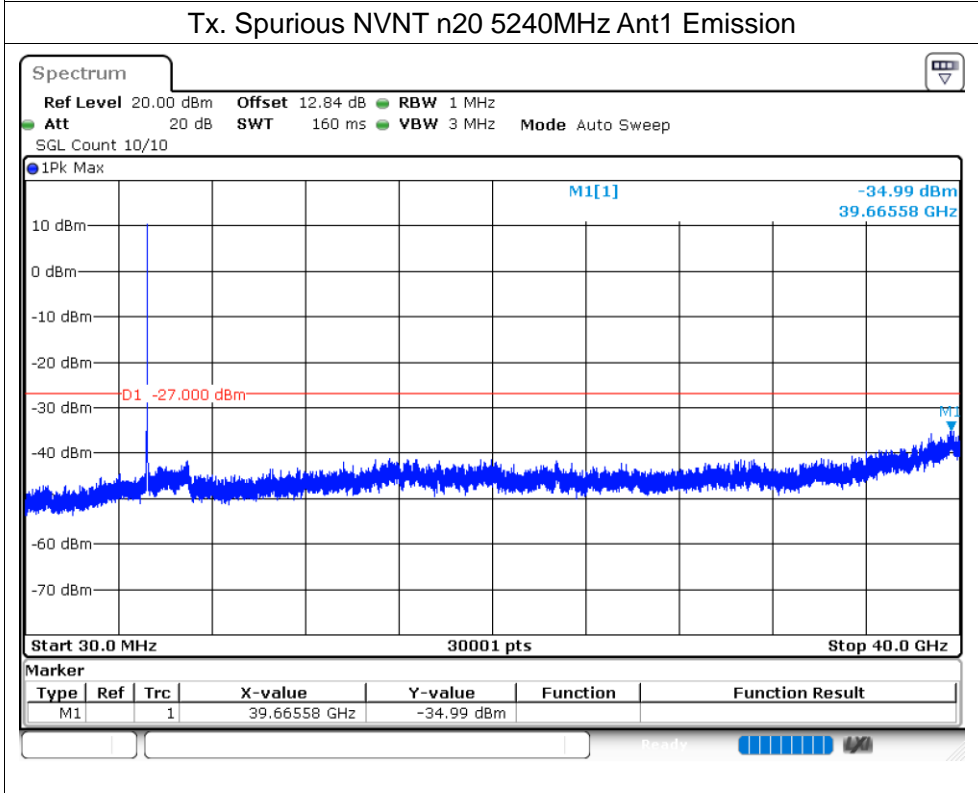
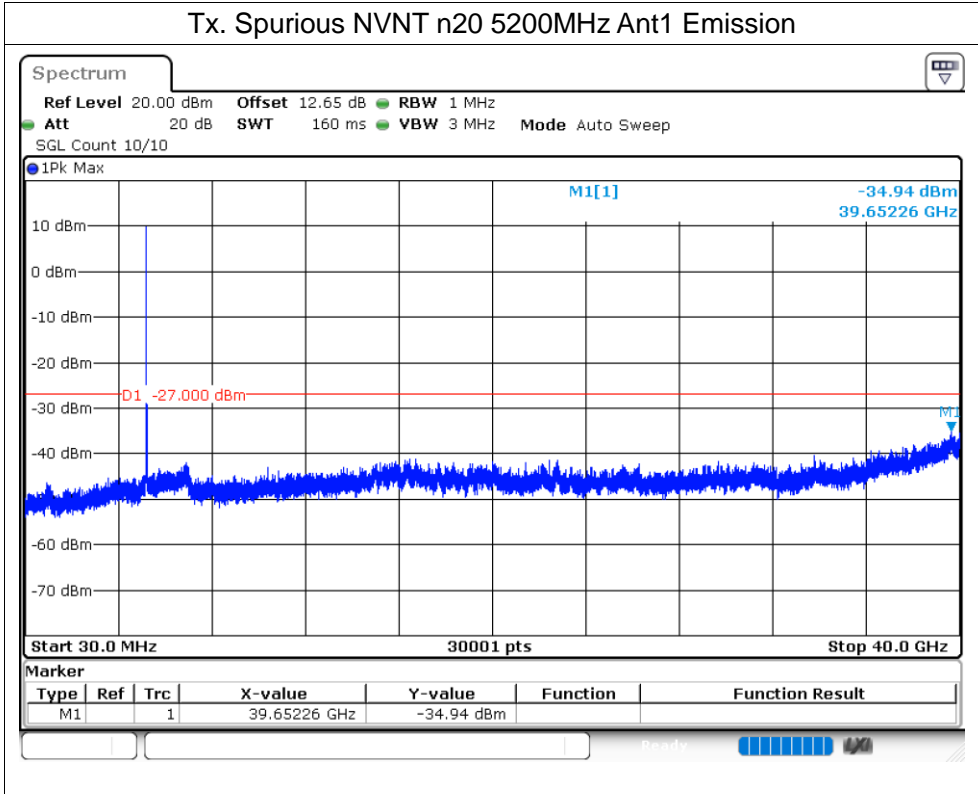
Tx. Spurious NVNT a 5180MHz Ant1 Emission

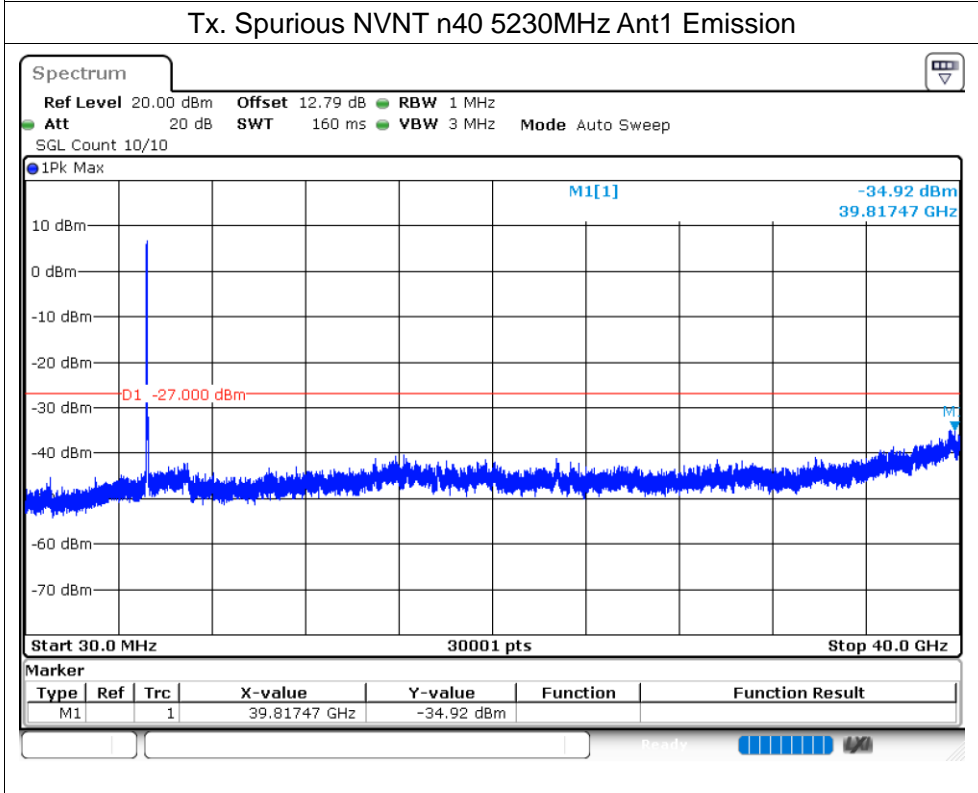
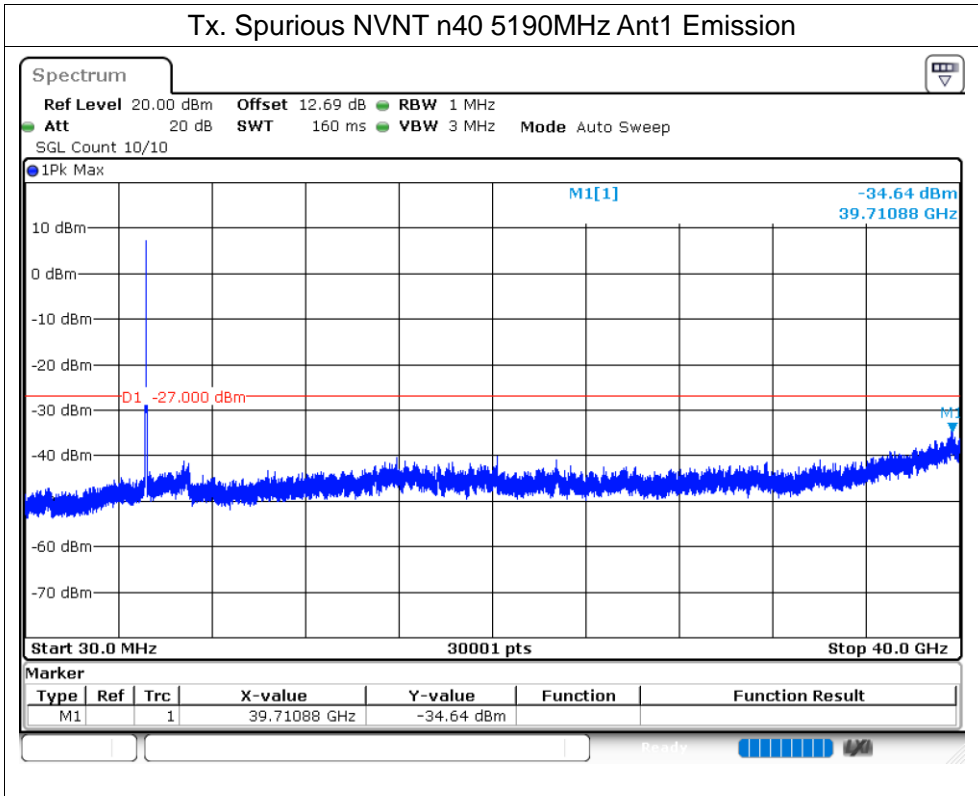


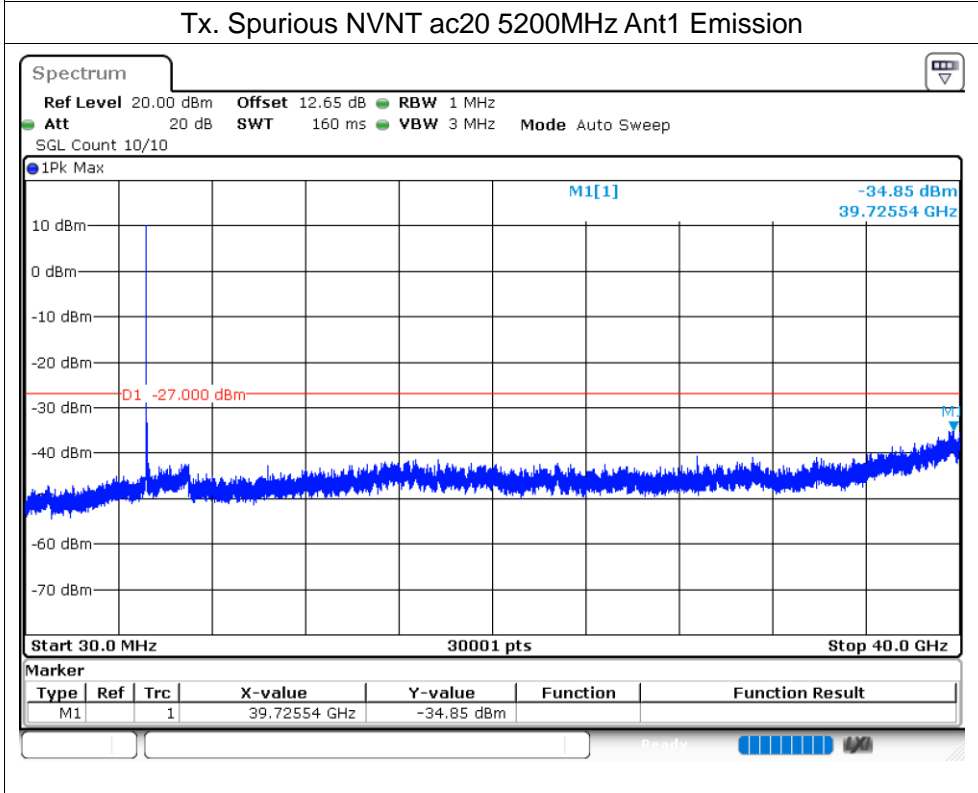
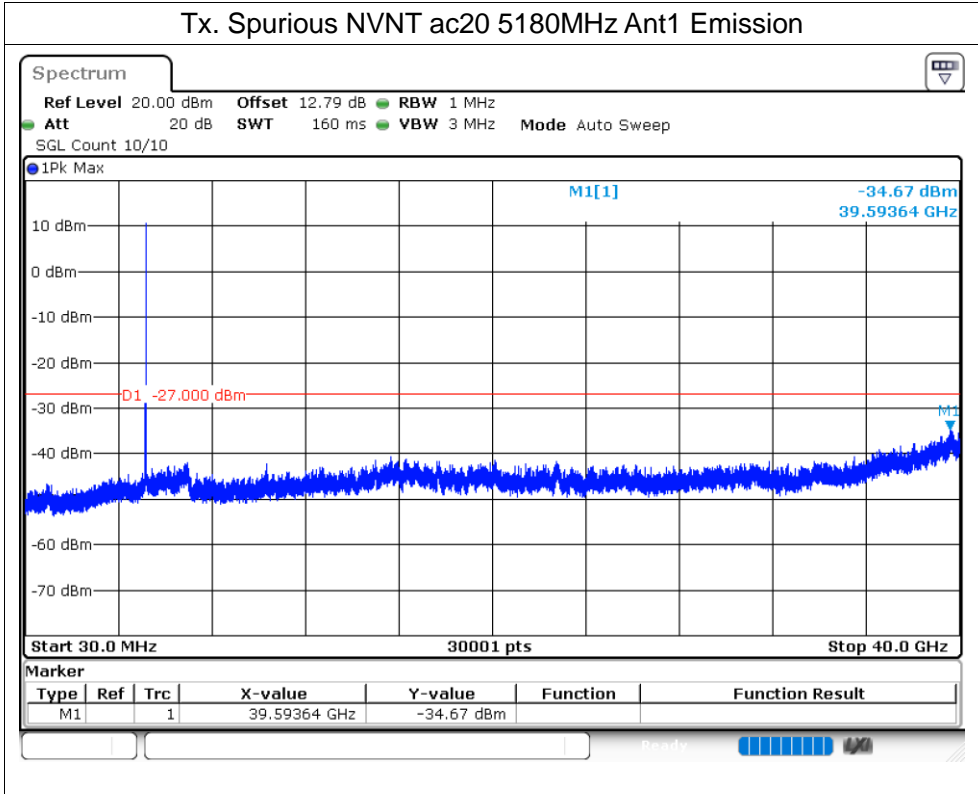
Tx. Spurious NVNT a 5200MHz Ant1 Emission

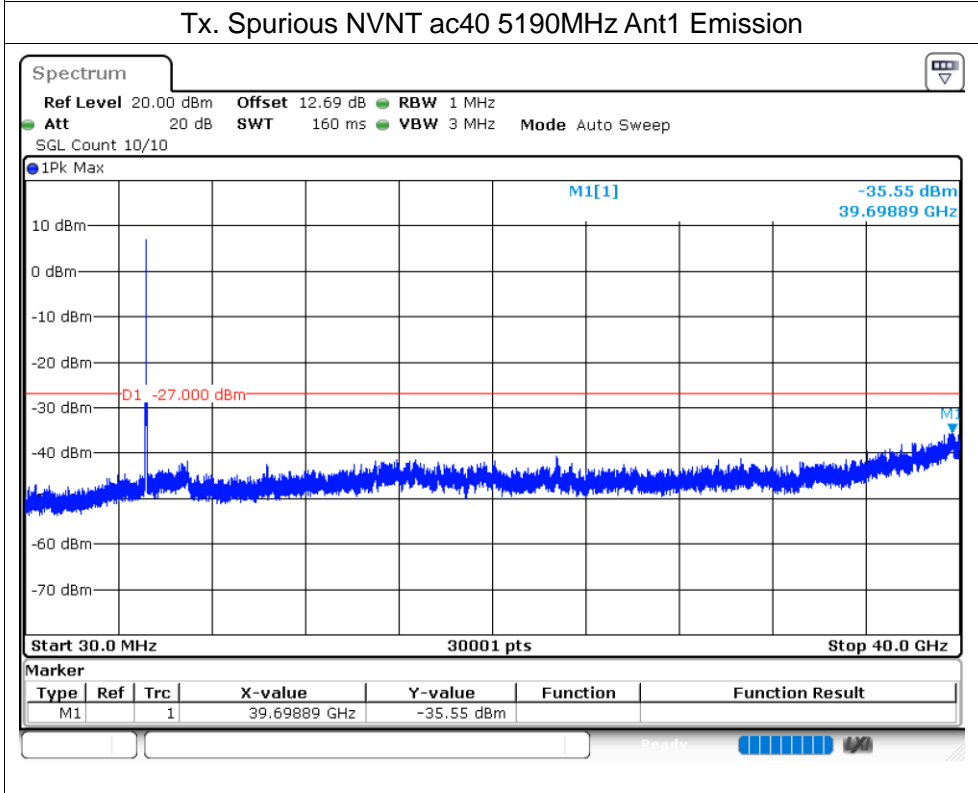
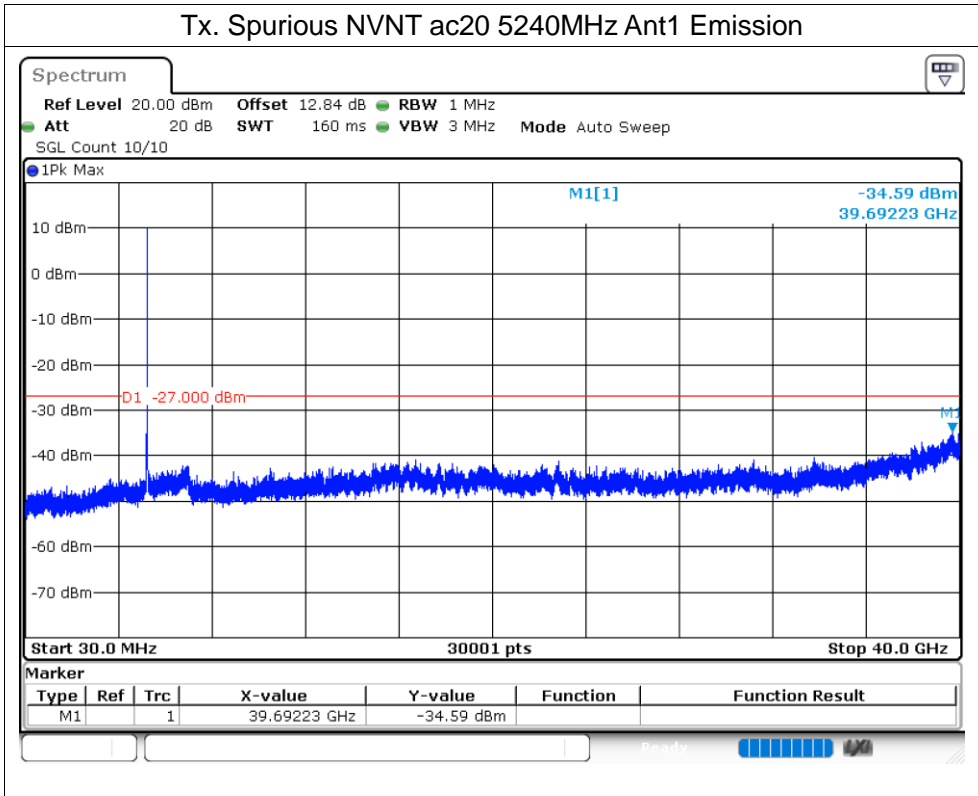


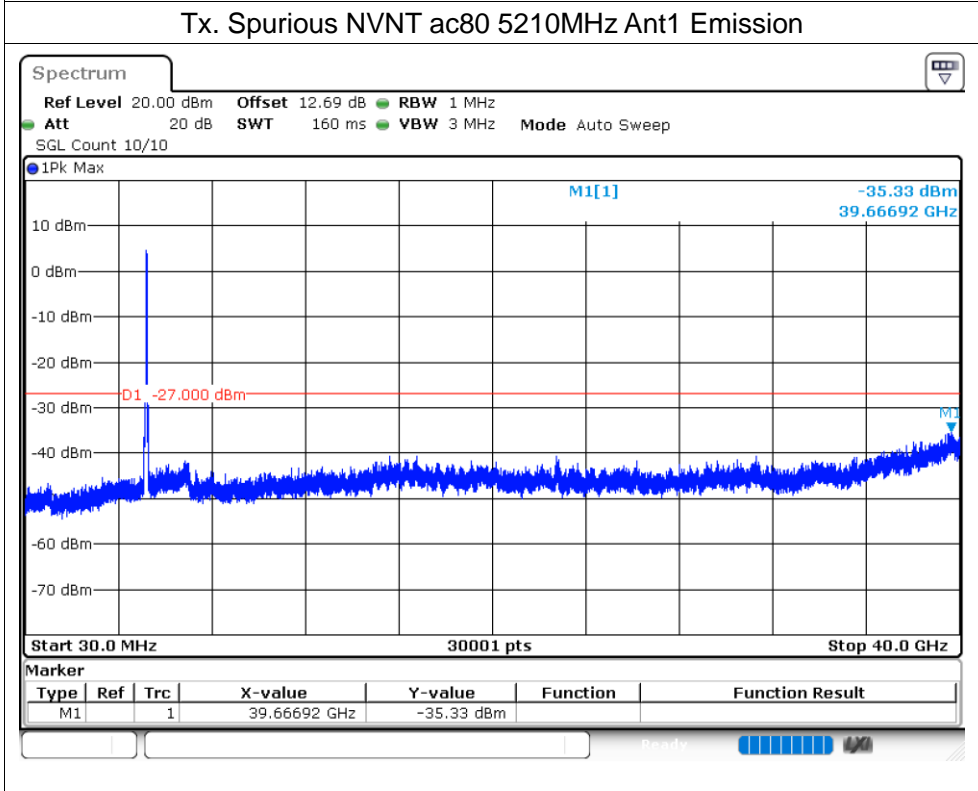
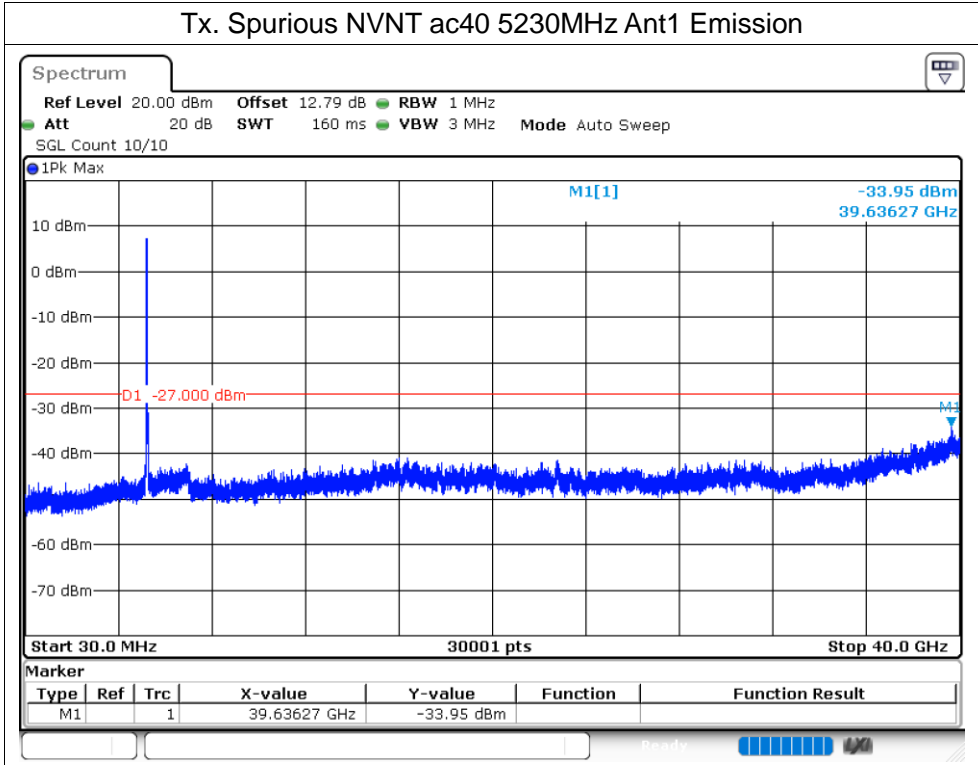














## 5.3G WIFI

### Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	95.88	0.18	0.48
NVNT	a	5280	Ant1	95.29	0.21	0.48
NVNT	a	5320	Ant1	95.4	0.2	0.49
NVNT	n20	5260	Ant1	95.12	0.22	0.52
NVNT	n20	5280	Ant1	95.14	0.22	0.52
NVNT	n20	5320	Ant1	95.37	0.21	0.52
NVNT	n40	5270	Ant1	91.16	0.4	1.06
NVNT	n40	5310	Ant1	90.86	0.42	1.05
NVNT	ac20	5260	Ant1	95.9	0.18	0.52
NVNT	ac20	5280	Ant1	95.57	0.2	0.52
NVNT	ac20	5320	Ant1	95.08	0.22	0.52
NVNT	ac40	5270	Ant1	91.56	0.38	1.05
NVNT	ac40	5310	Ant1	91.5	0.39	1.05
NVNT	ac80	5290	Ant1	83.35	0.79	2.17

