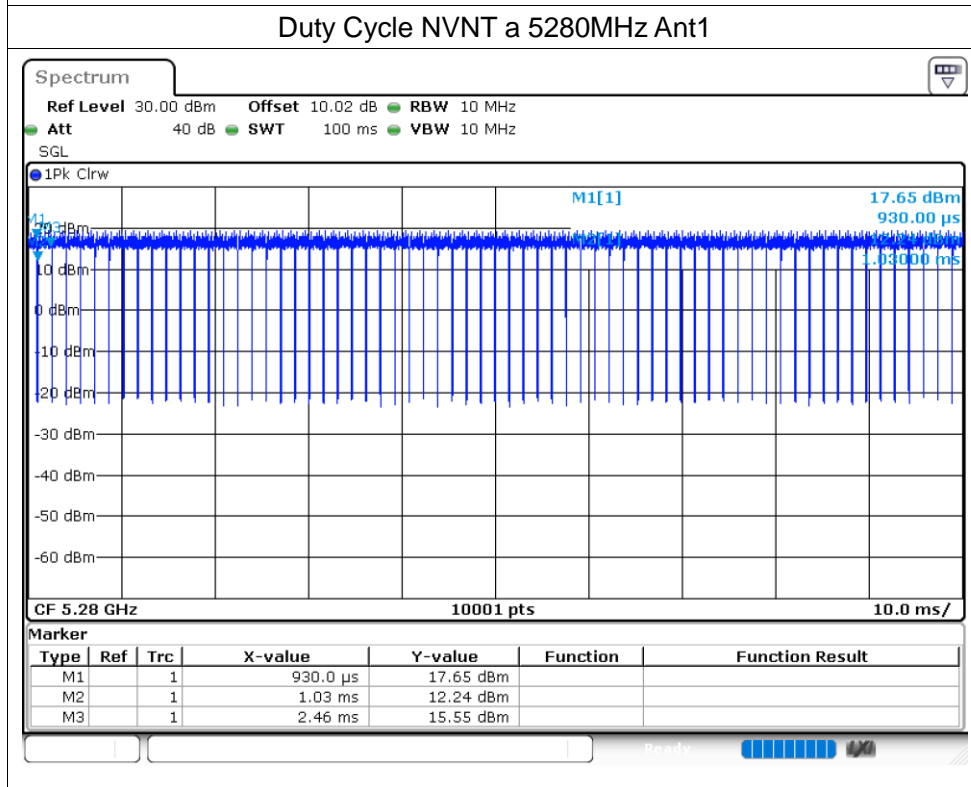
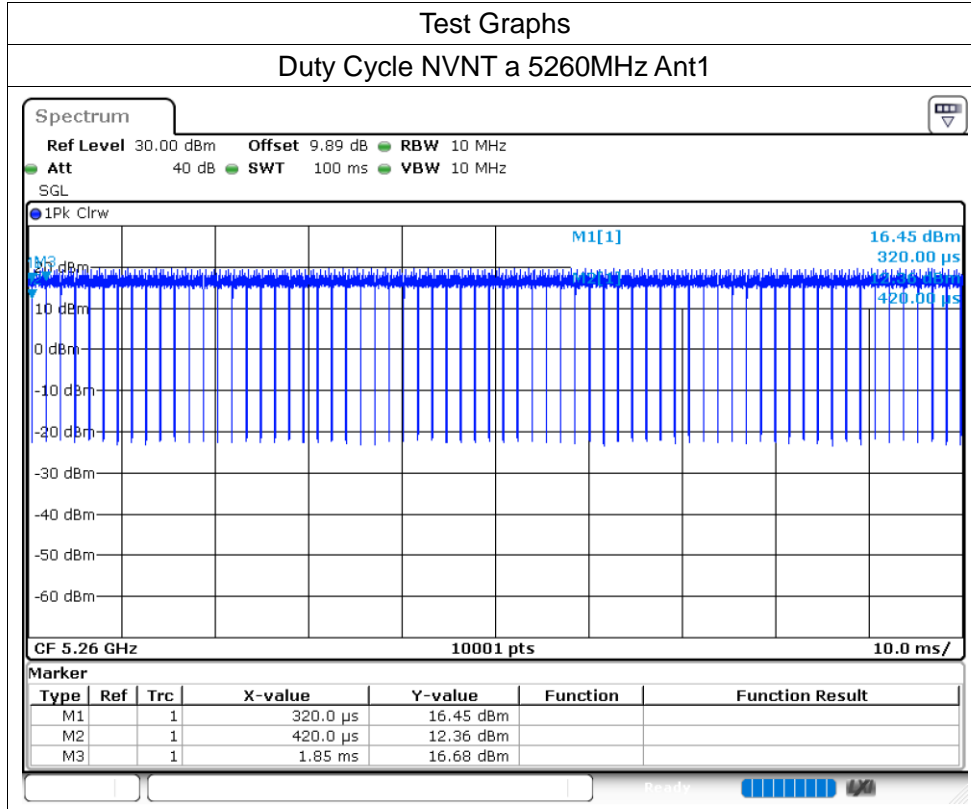
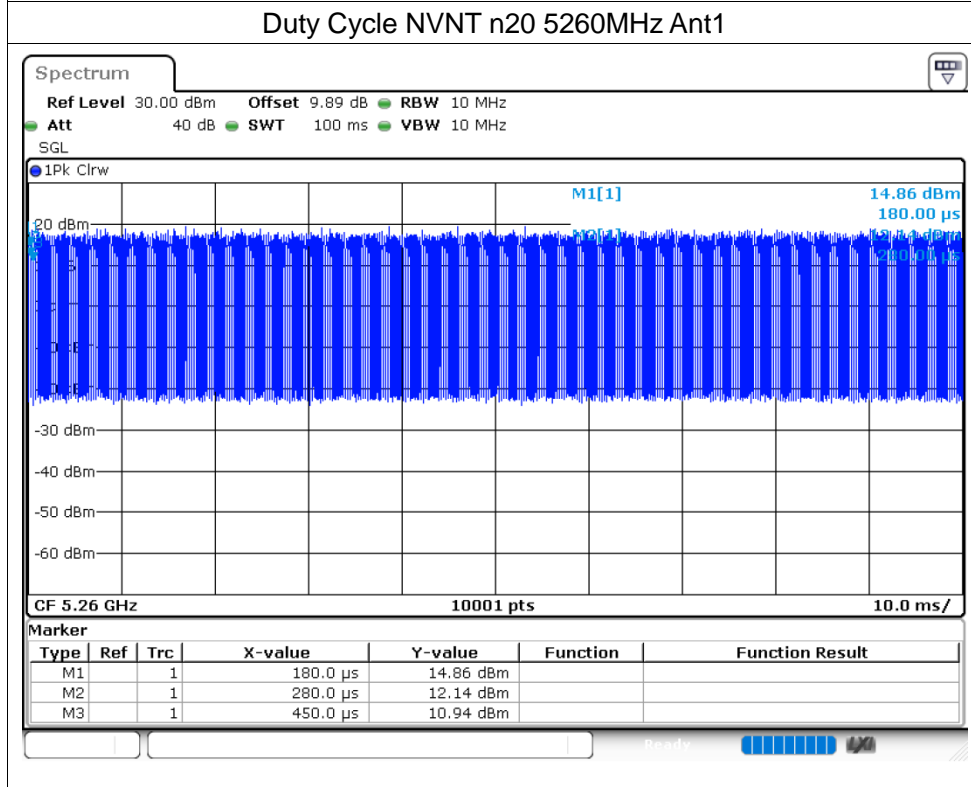
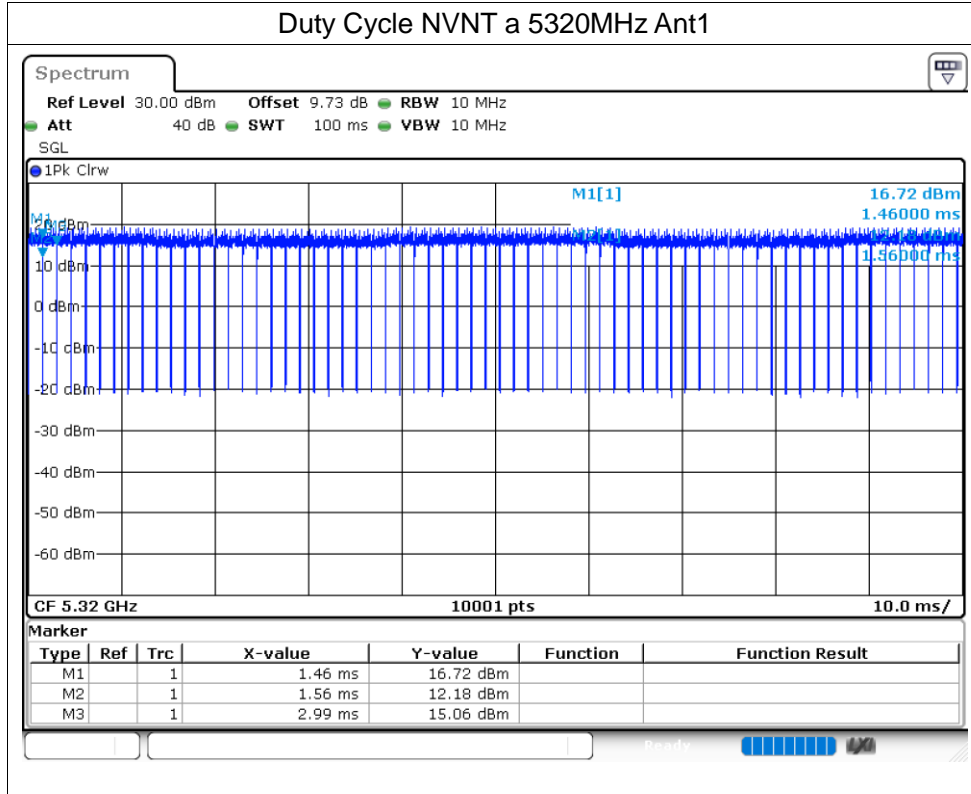


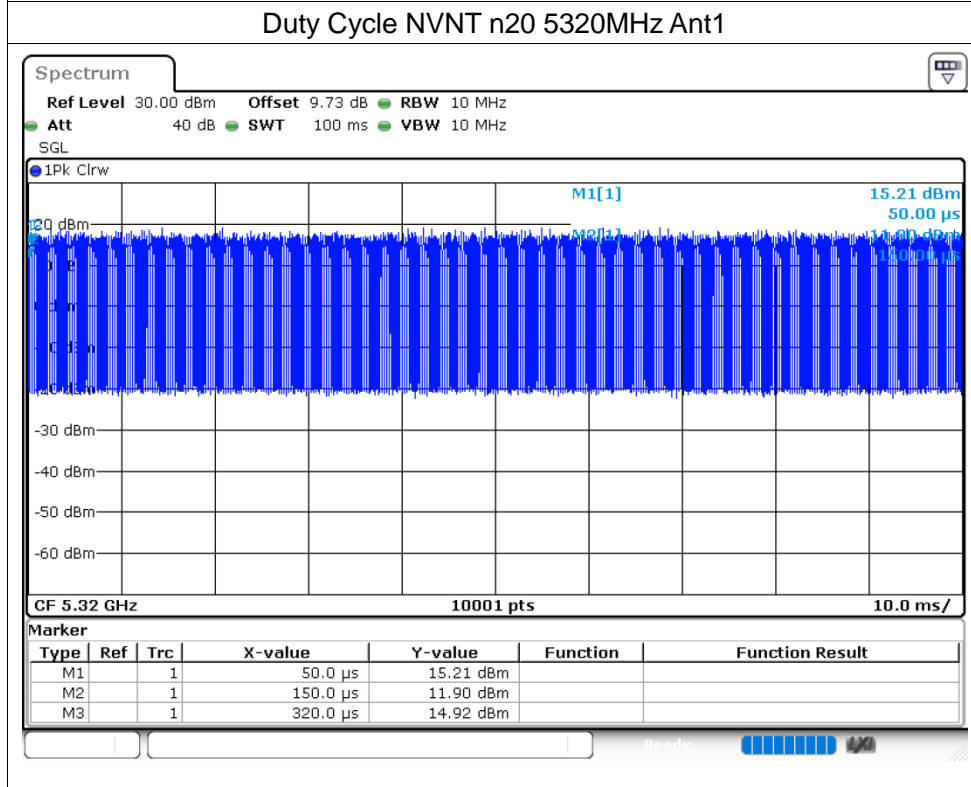
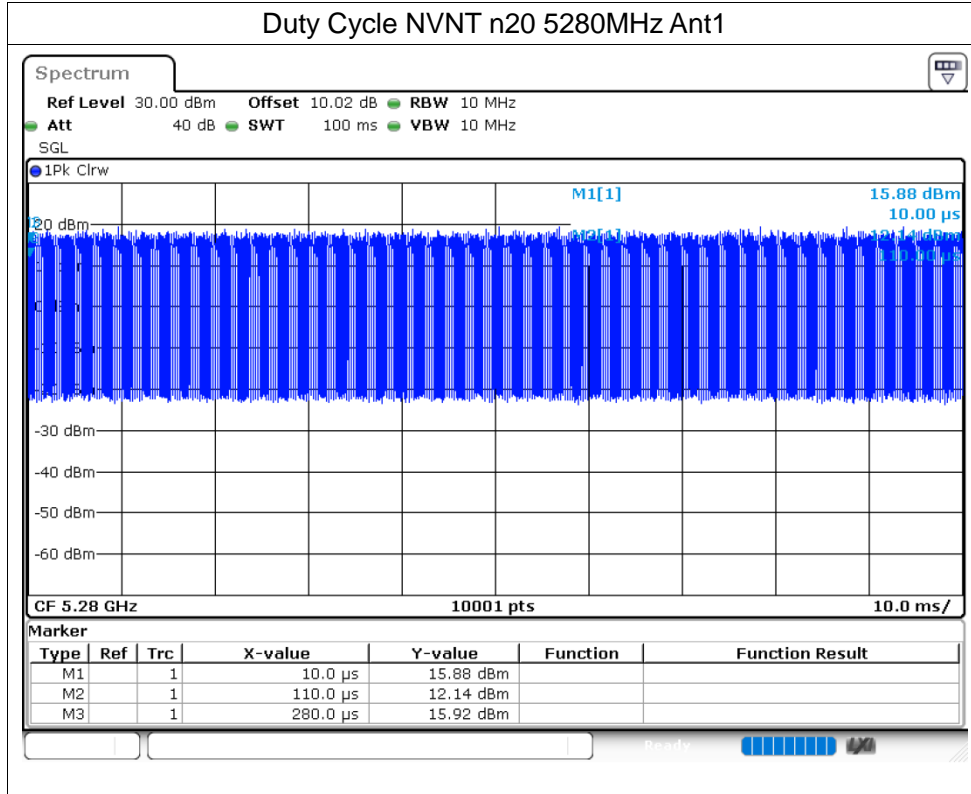
## 5.3G WIFI

### Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	93.95	0.27	0.7
NVNT	a	5280	Ant1	94.03	0.27	0.7
NVNT	a	5320	Ant1	94	0.27	0.7
NVNT	n20	5260	Ant1	66.03	1.8	5.88
NVNT	n20	5280	Ant1	66.05	1.8	5.88
NVNT	n20	5320	Ant1	66.05	1.8	5.88
NVNT	n40	5270	Ant1	88.03	0.55	1.52
NVNT	n40	5310	Ant1	88.02	0.55	1.52
NVNT	ac20	5260	Ant1	63.88	1.95	6.67
NVNT	ac20	5280	Ant1	63.81	1.95	6.67
NVNT	ac20	5320	Ant1	63.92	1.94	6.25
NVNT	ac40	5270	Ant1	88.14	0.55	1.49
NVNT	ac40	5310	Ant1	88.14	0.55	1.49
NVNT	ac80	5290	Ant1	78.95	1.03	2.94

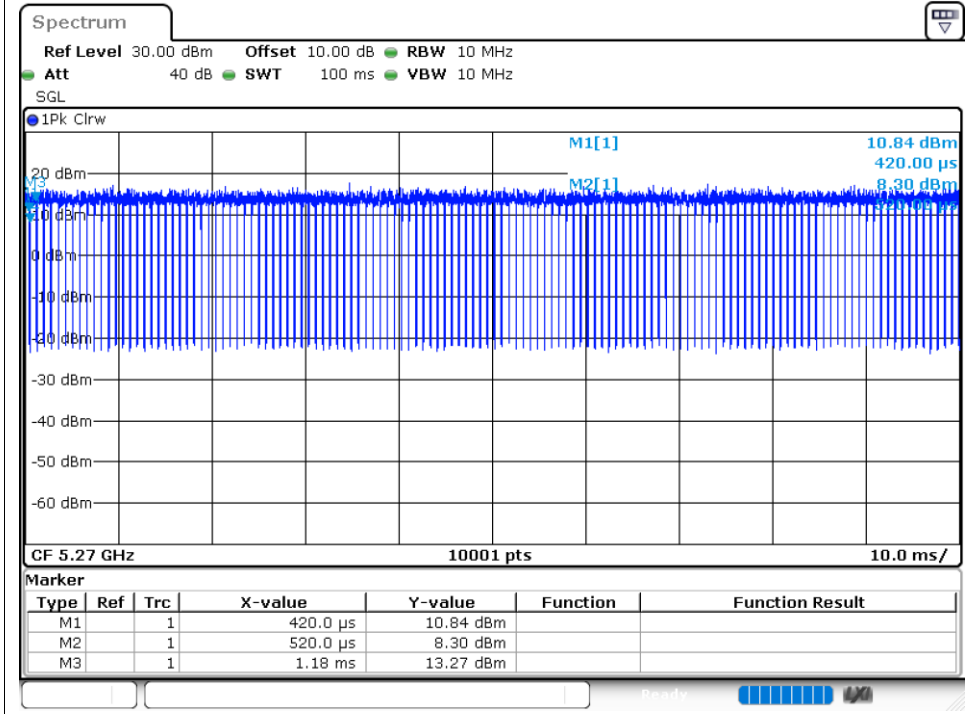




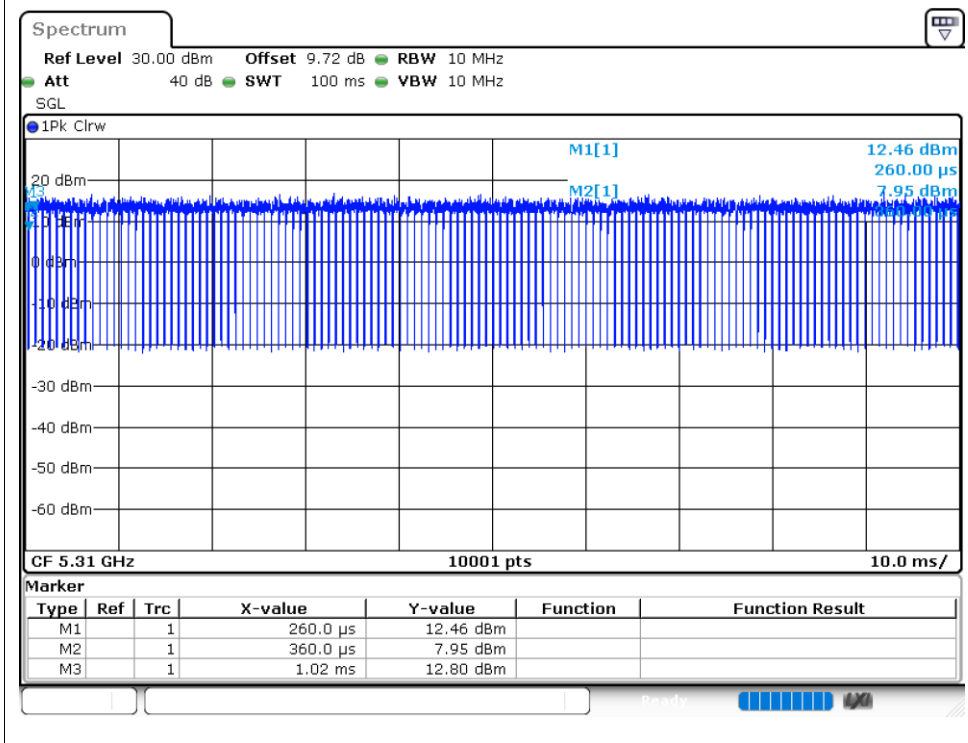


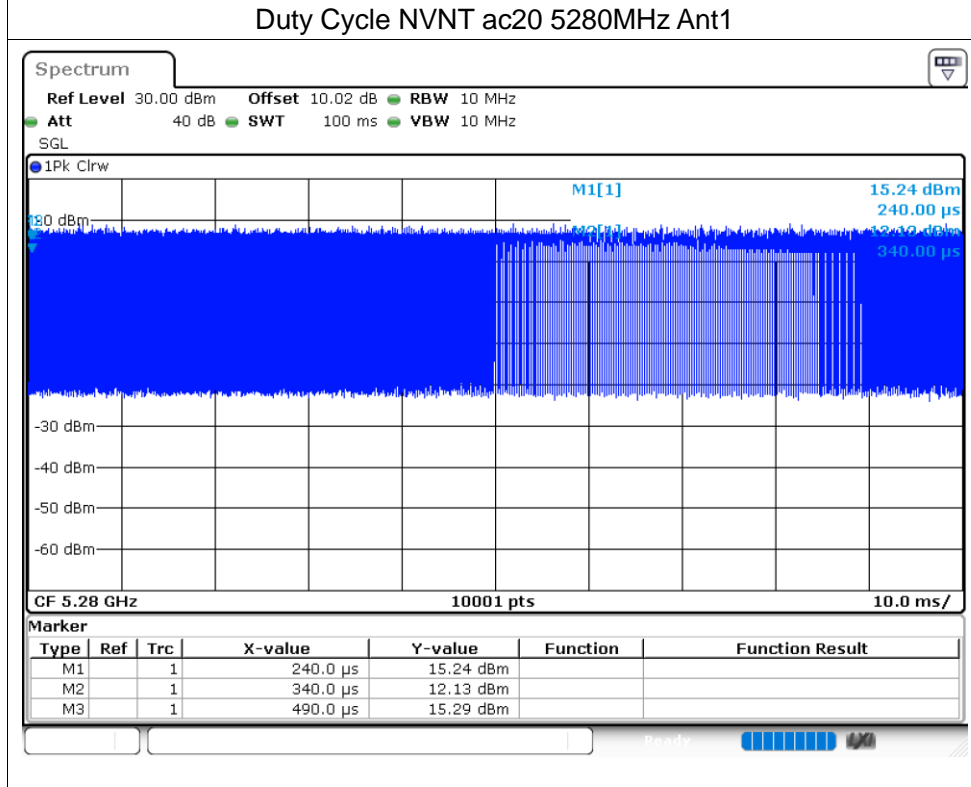
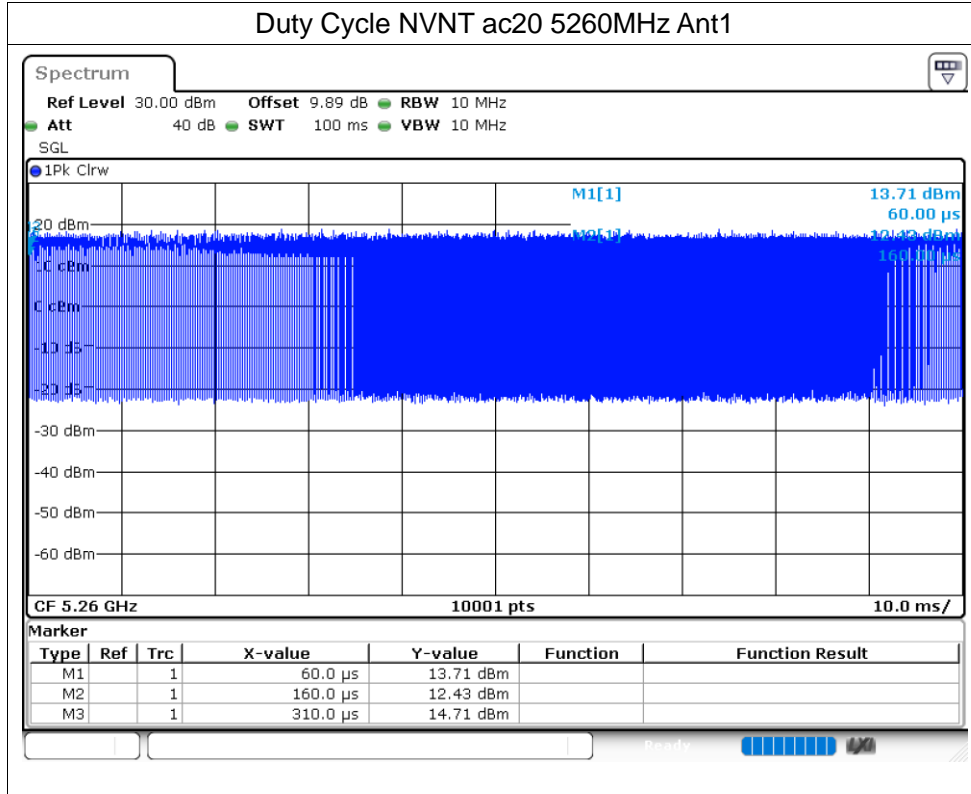


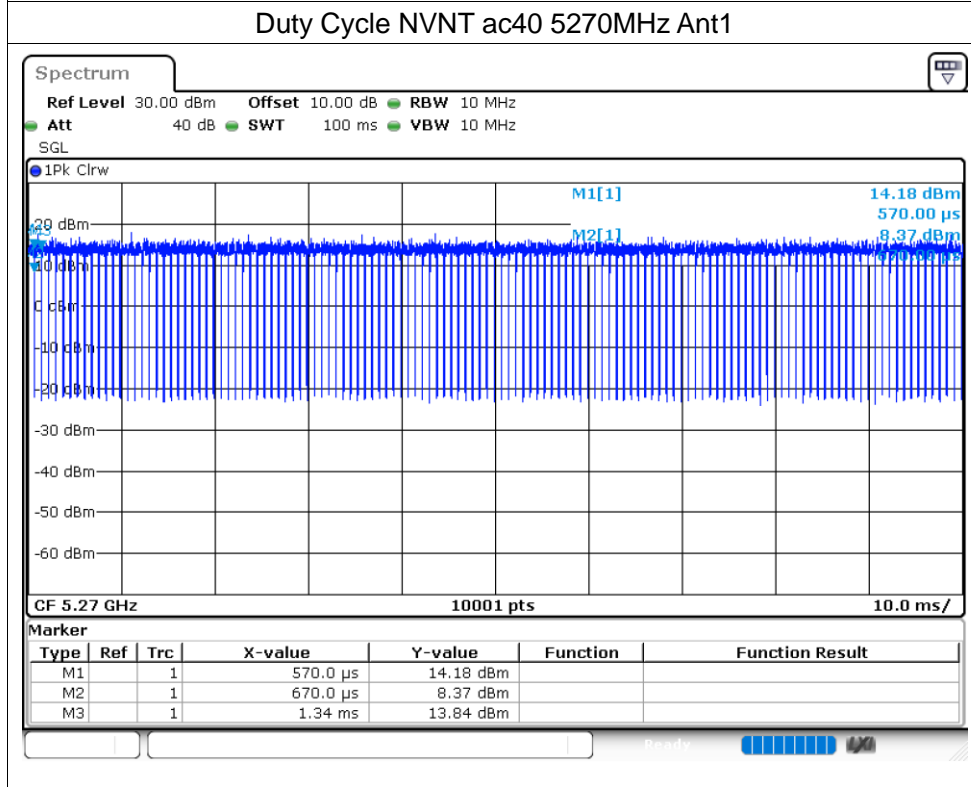
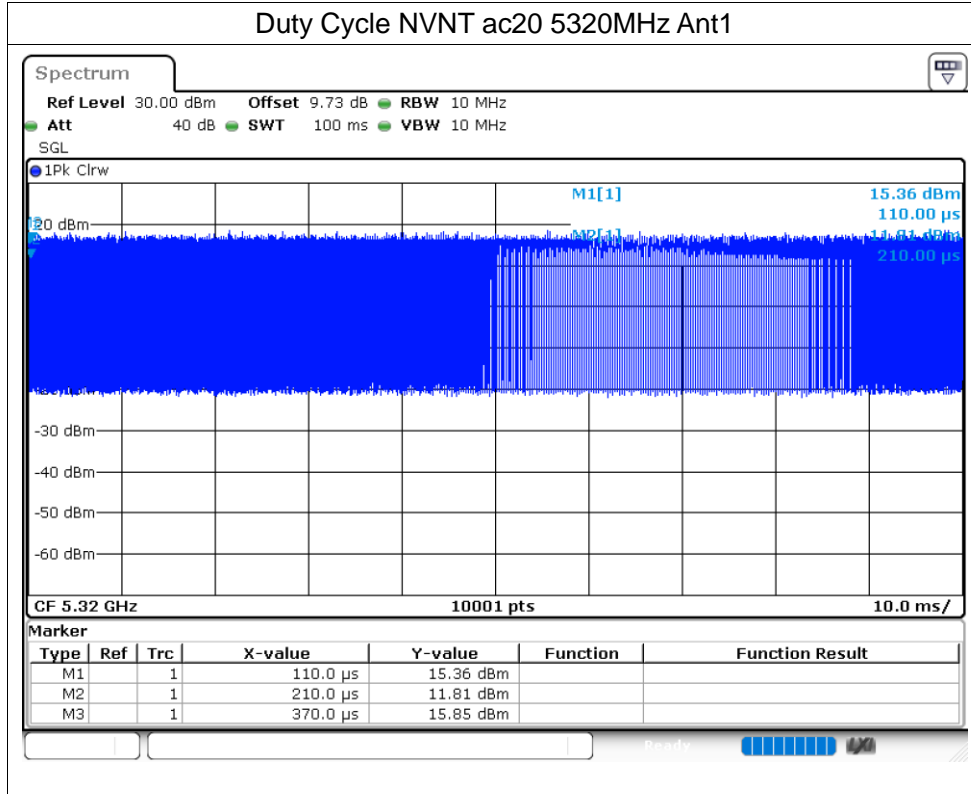
### Duty Cycle NVNT n40 5270MHz Ant1

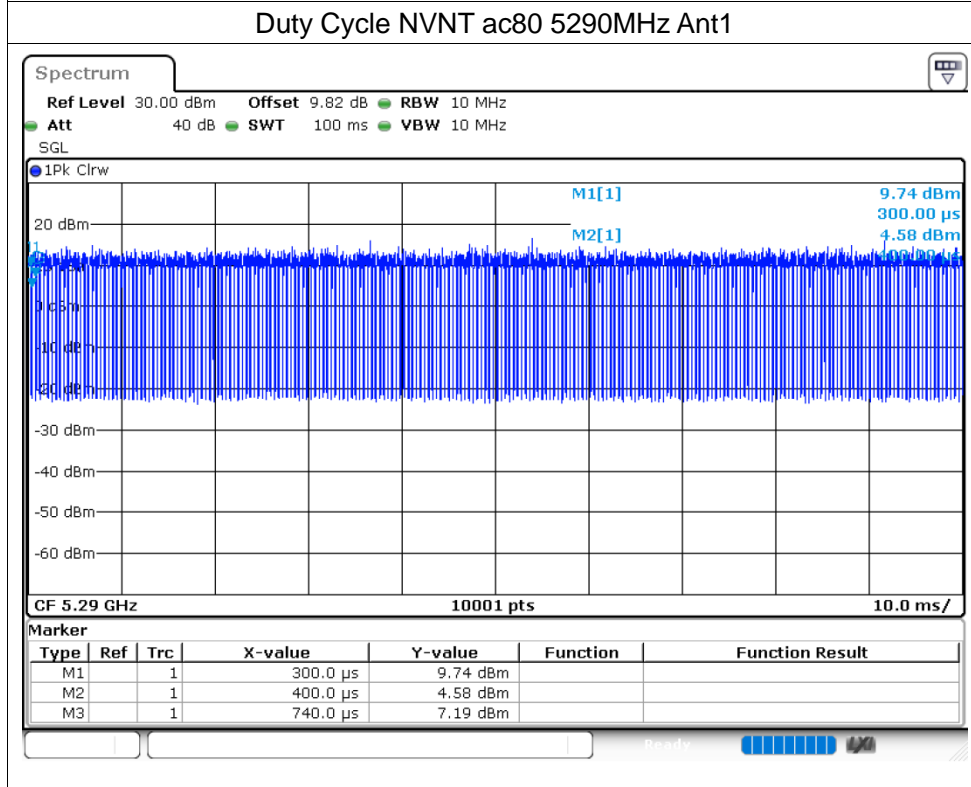
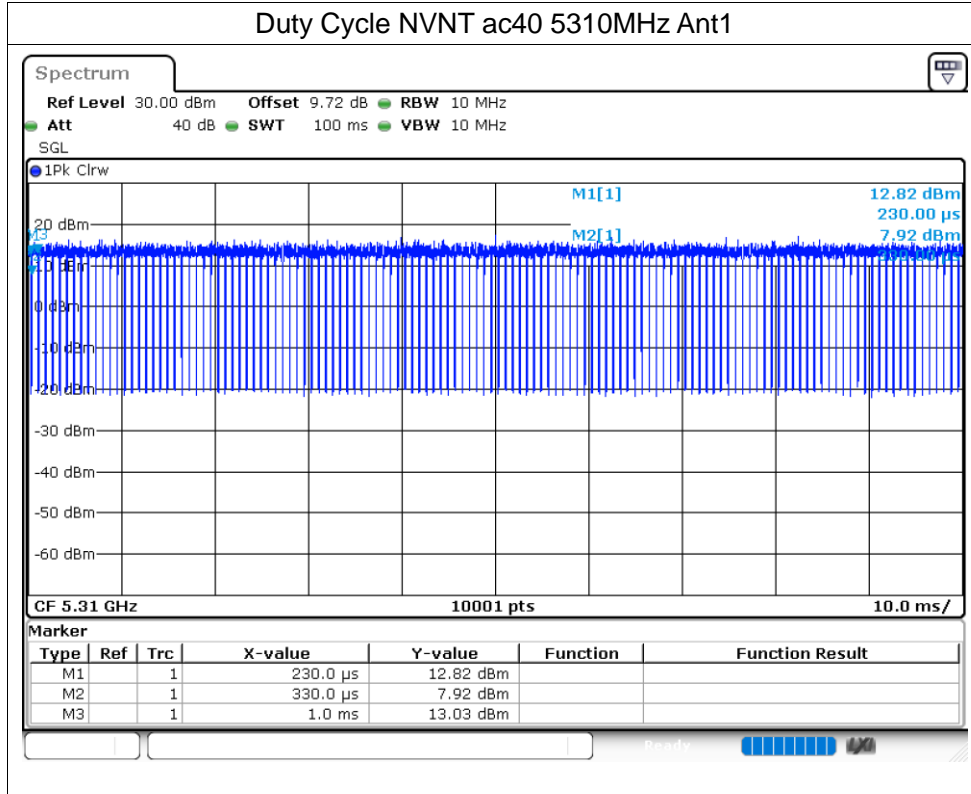


### Duty Cycle NVNT n40 5310MHz Ant1









## Maximum Conducted Output Power

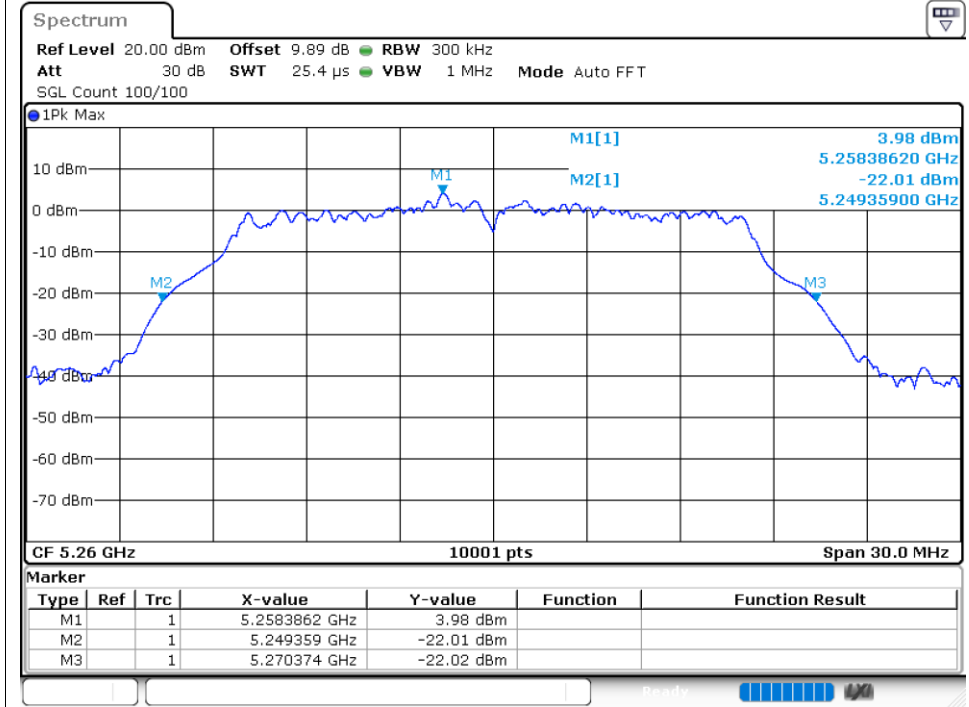
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	10.87	0.27	11.14	24	Pass
NVNT	a	5280	Ant1	10.06	0.27	10.33	24	Pass
NVNT	a	5320	Ant1	10.94	0.27	11.21	24	Pass
NVNT	n20	5260	Ant1	10.51	1.8	12.31	24	Pass
NVNT	n20	5280	Ant1	9.86	1.8	11.66	24	Pass
NVNT	n20	5320	Ant1	10.81	1.8	12.61	24	Pass
NVNT	n40	5270	Ant1	10.36	0.55	10.91	24	Pass
NVNT	n40	5310	Ant1	11.44	0.55	11.99	24	Pass
NVNT	ac20	5260	Ant1	10.54	1.95	12.49	24	Pass
NVNT	ac20	5280	Ant1	9.84	1.95	11.79	24	Pass
NVNT	ac20	5320	Ant1	10.73	1.94	12.67	24	Pass
NVNT	ac40	5270	Ant1	10.37	0.55	10.92	24	Pass
NVNT	ac40	5310	Ant1	11.43	0.55	11.98	24	Pass
NVNT	ac80	5290	Ant1	10.82	1.03	11.85	24	Pass

## -26dB Bandwidth

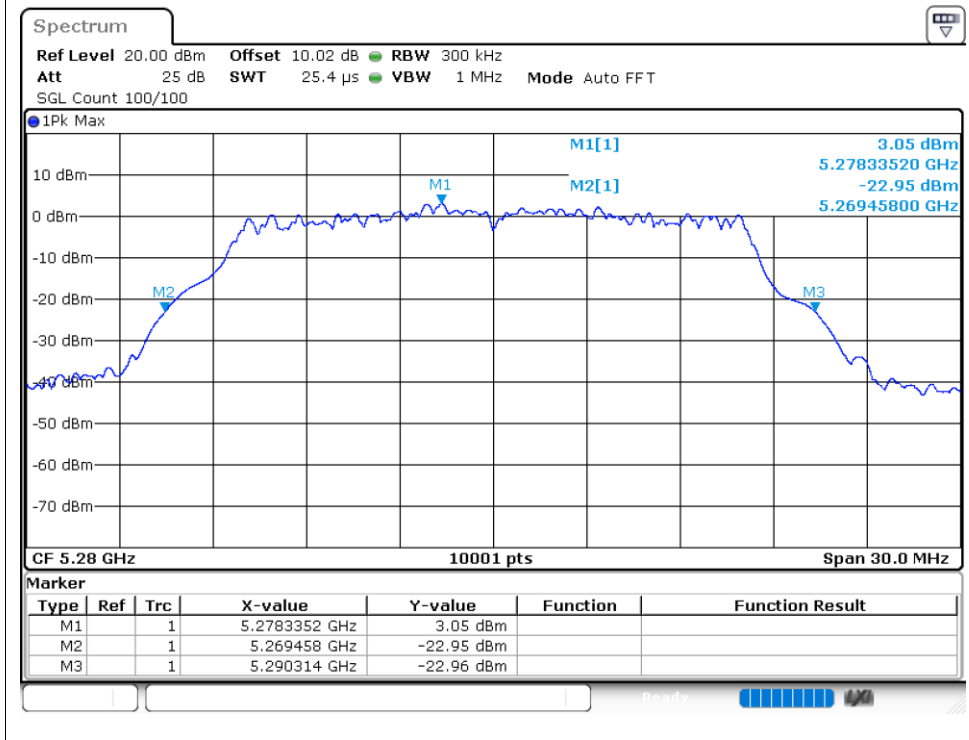
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5260	Ant1	21.015
NVNT	a	5280	Ant1	20.856
NVNT	a	5320	Ant1	21.477
NVNT	n20	5260	Ant1	21.444
NVNT	n20	5280	Ant1	20.967
NVNT	n20	5320	Ant1	21.177
NVNT	n40	5270	Ant1	40.038
NVNT	n40	5310	Ant1	39.936
NVNT	ac20	5260	Ant1	20.931
NVNT	ac20	5280	Ant1	20.889
NVNT	ac20	5320	Ant1	21.174
NVNT	ac40	5270	Ant1	40.002
NVNT	ac40	5310	Ant1	40.29
NVNT	ac80	5290	Ant1	81.408

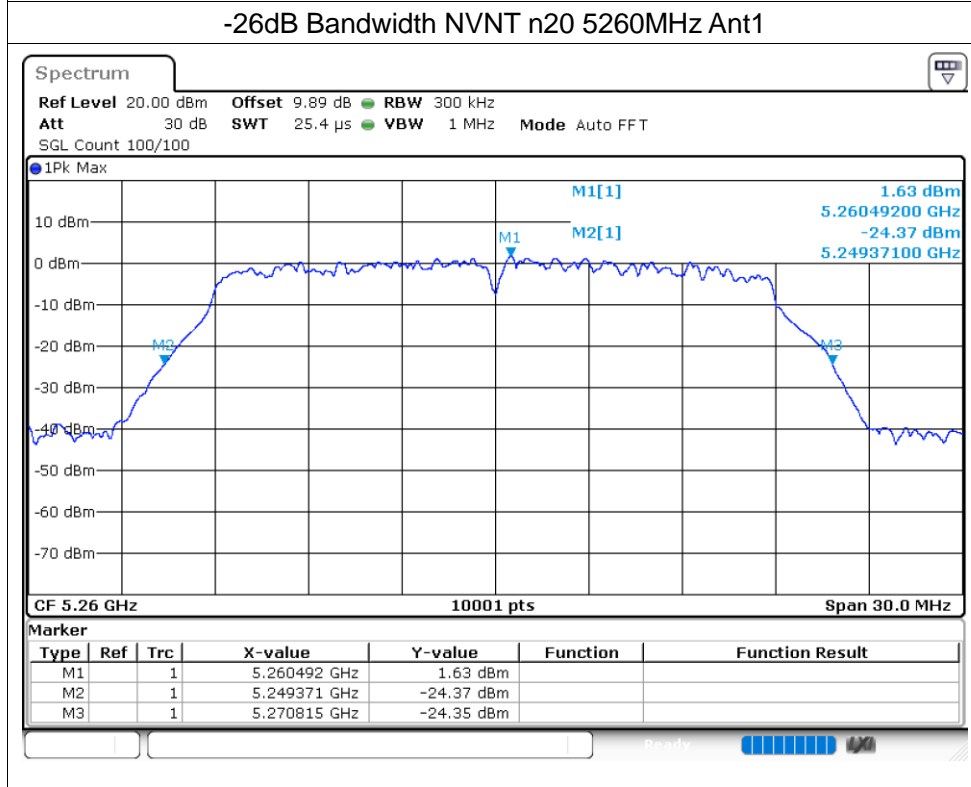
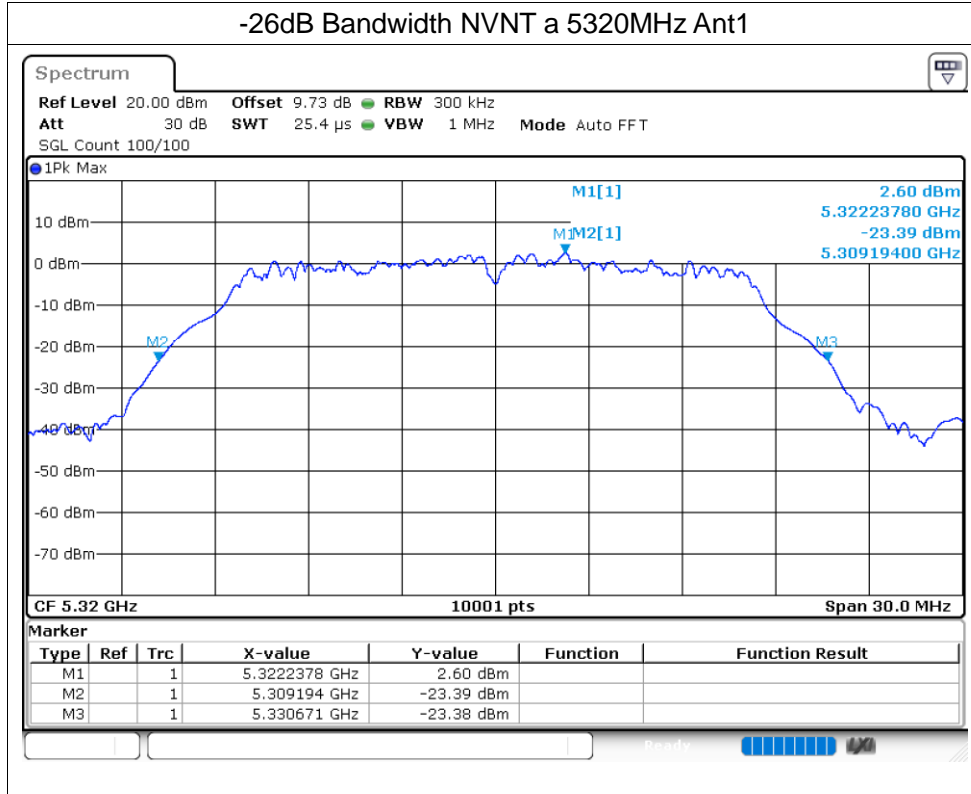
Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant1

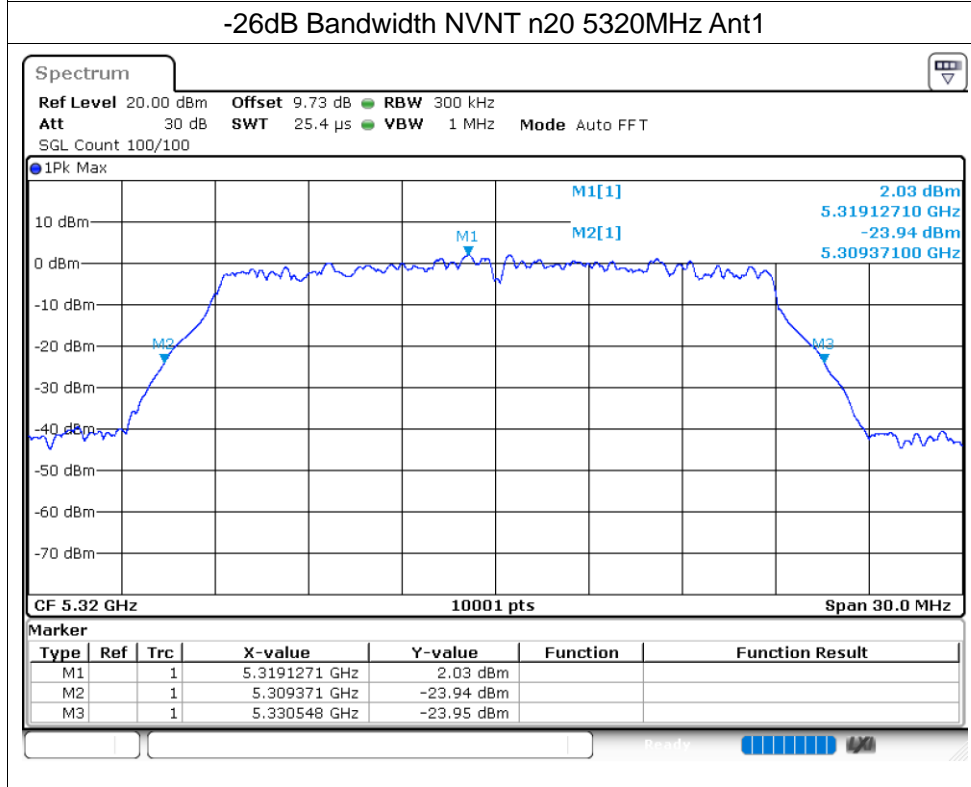
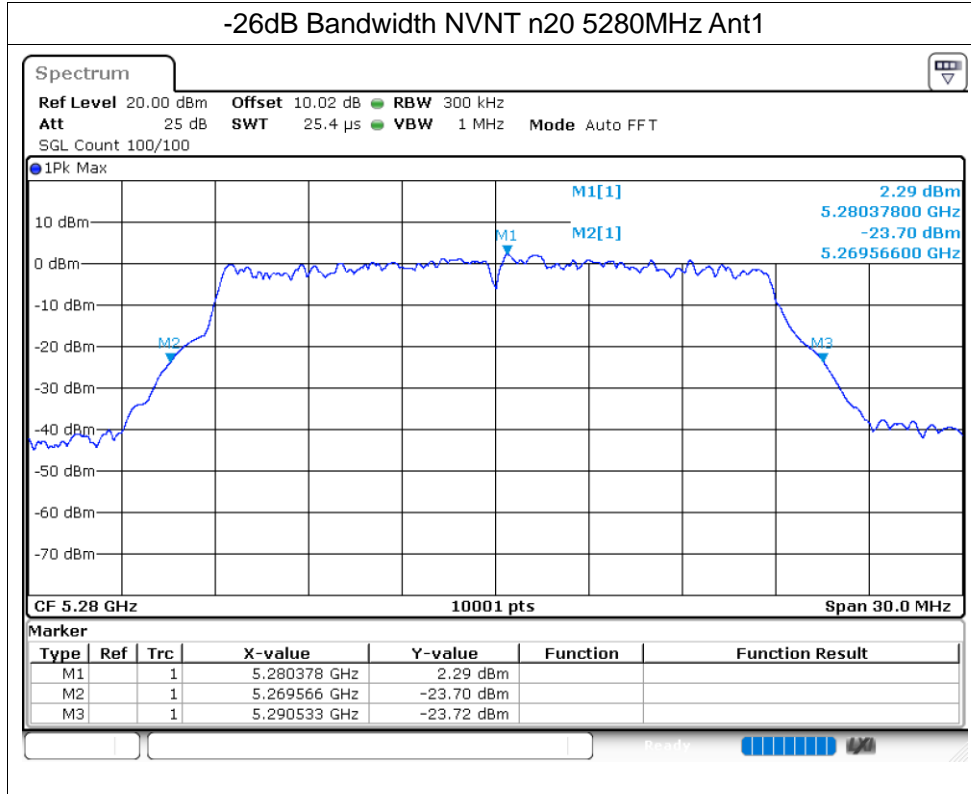


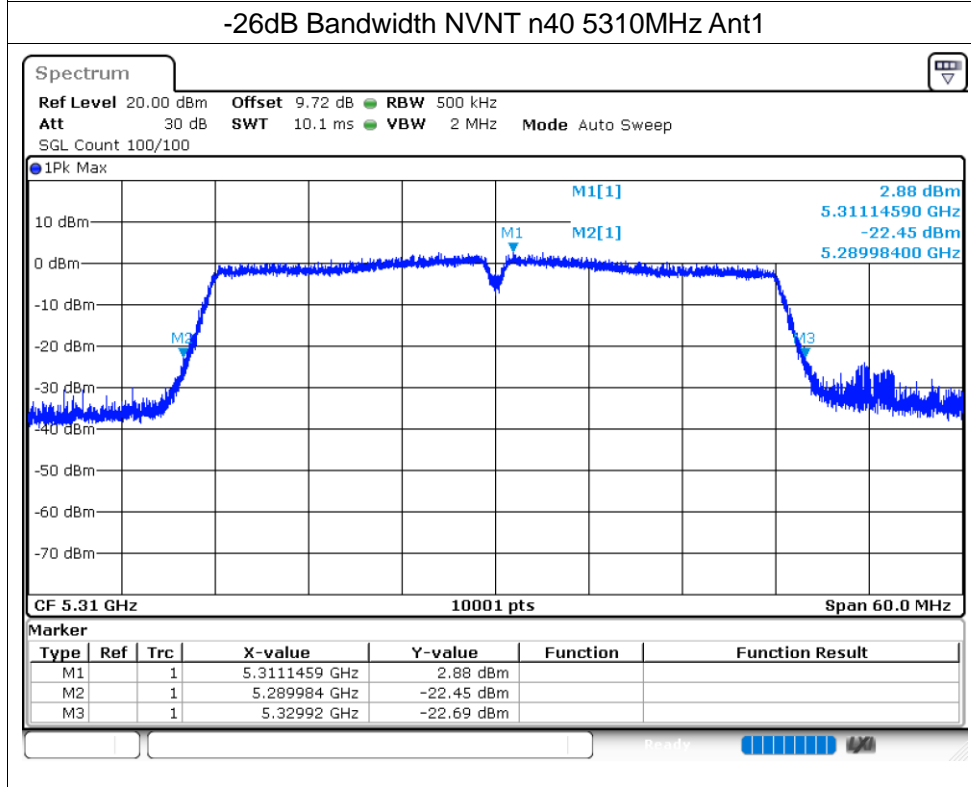
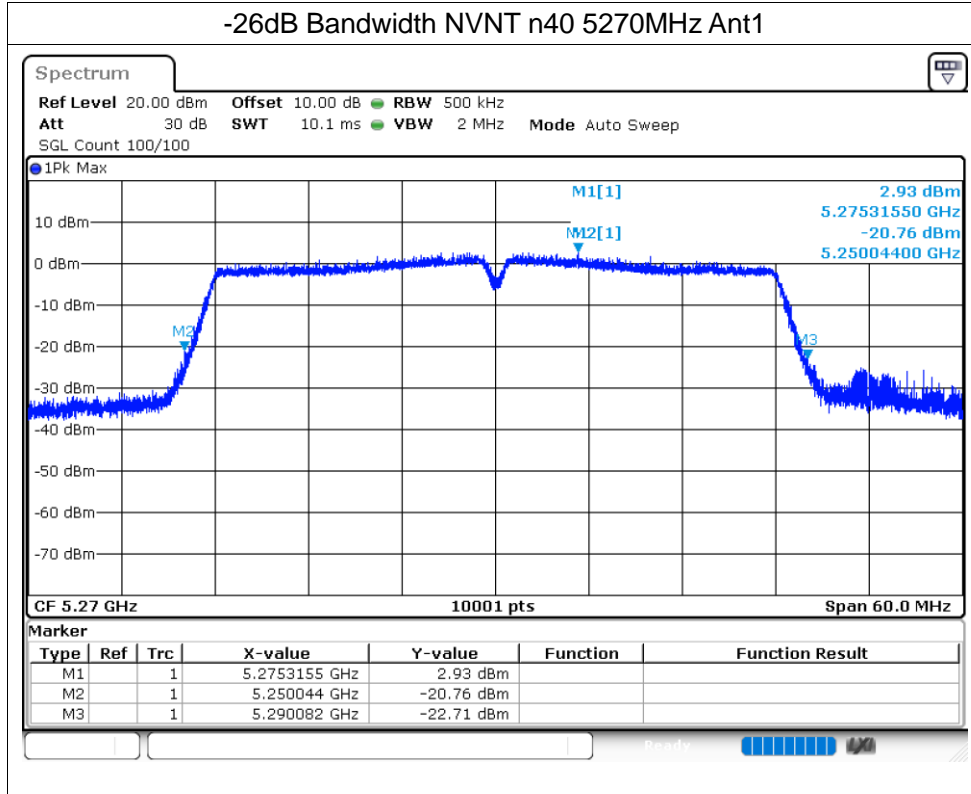
-26dB Bandwidth NVNT a 5280MHz Ant1

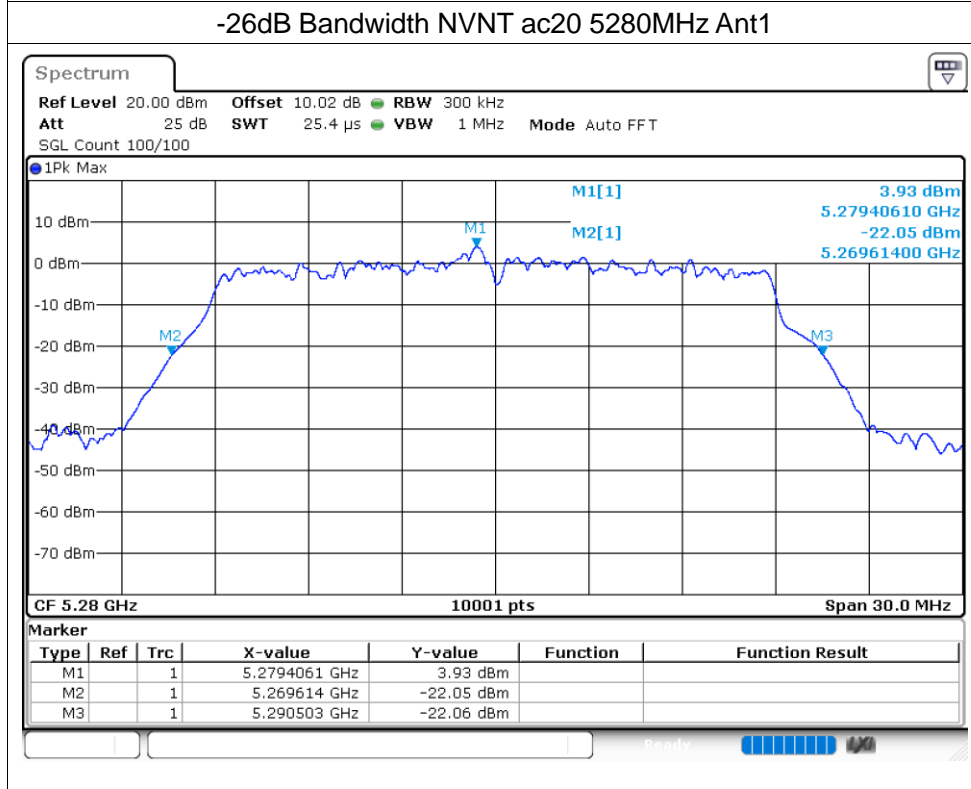
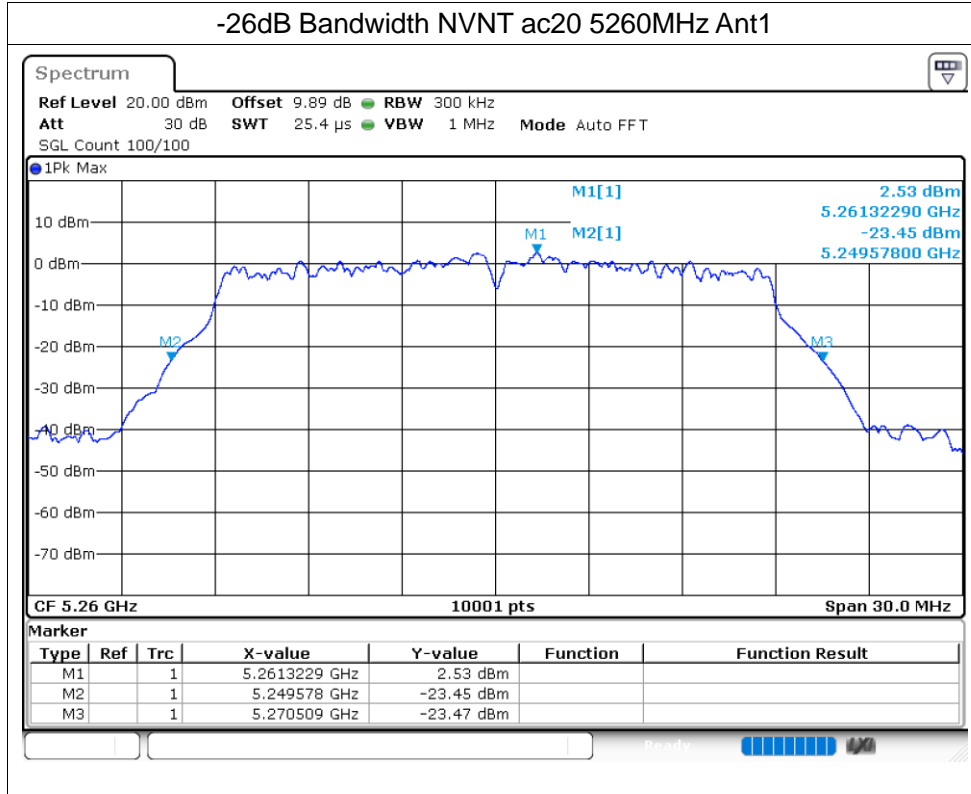


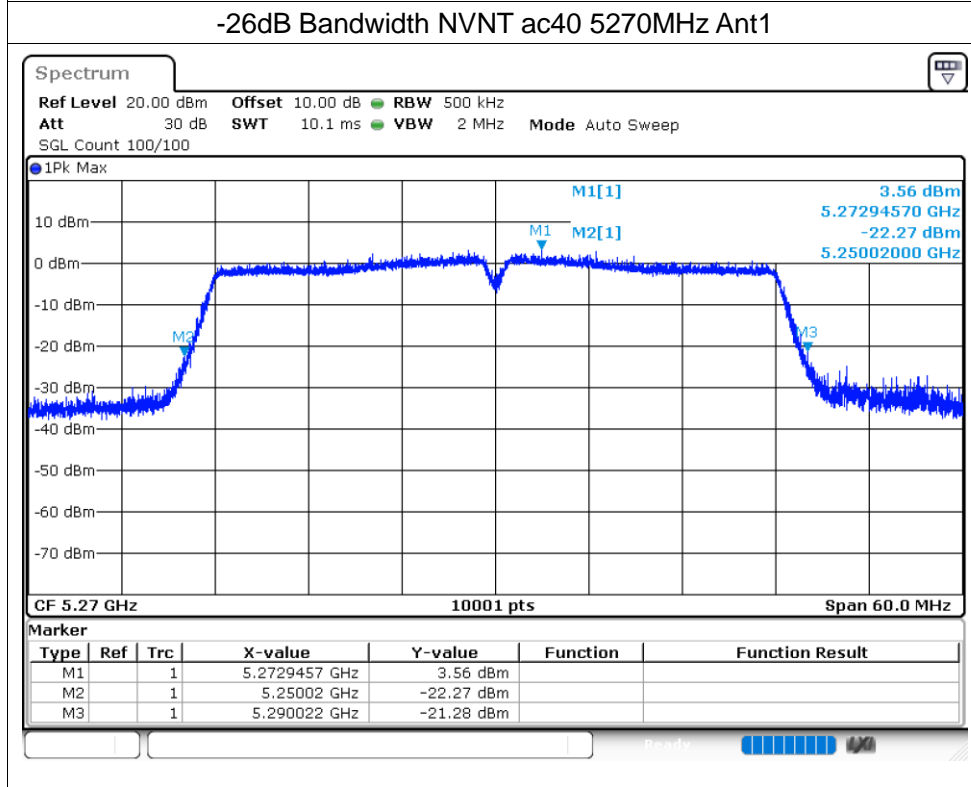
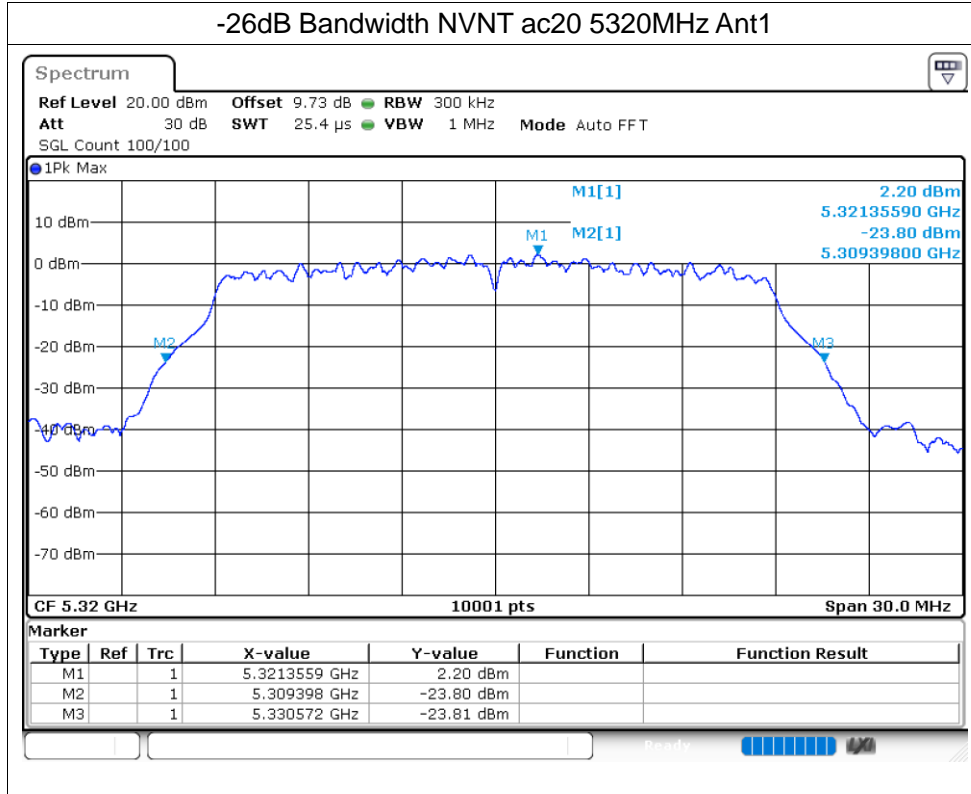


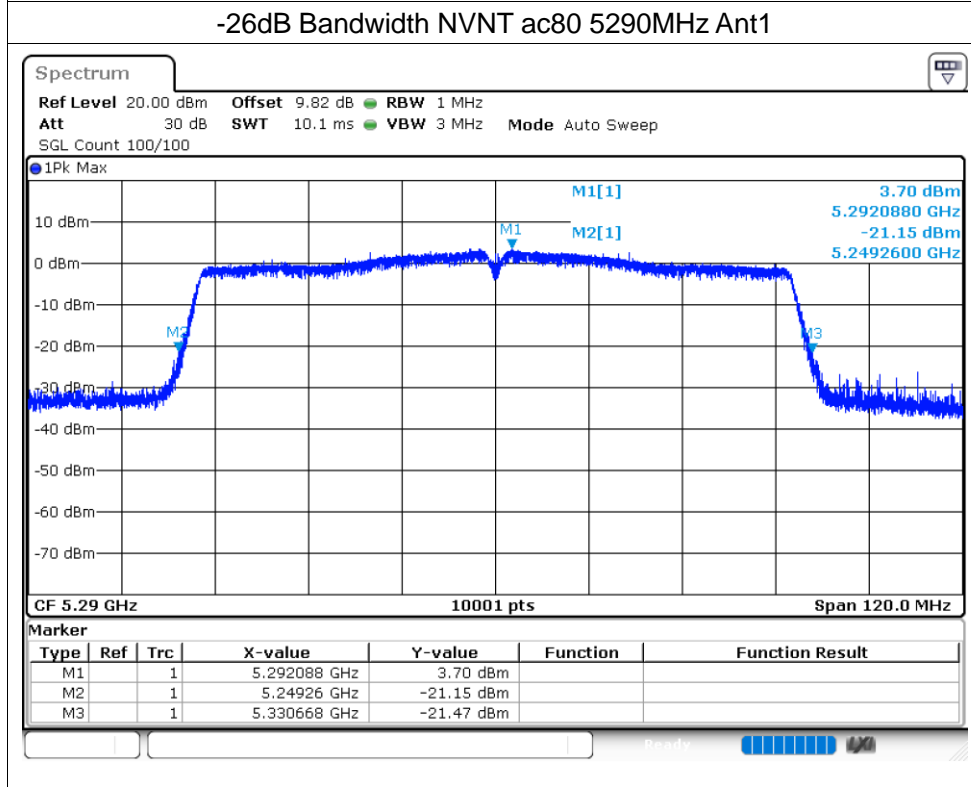
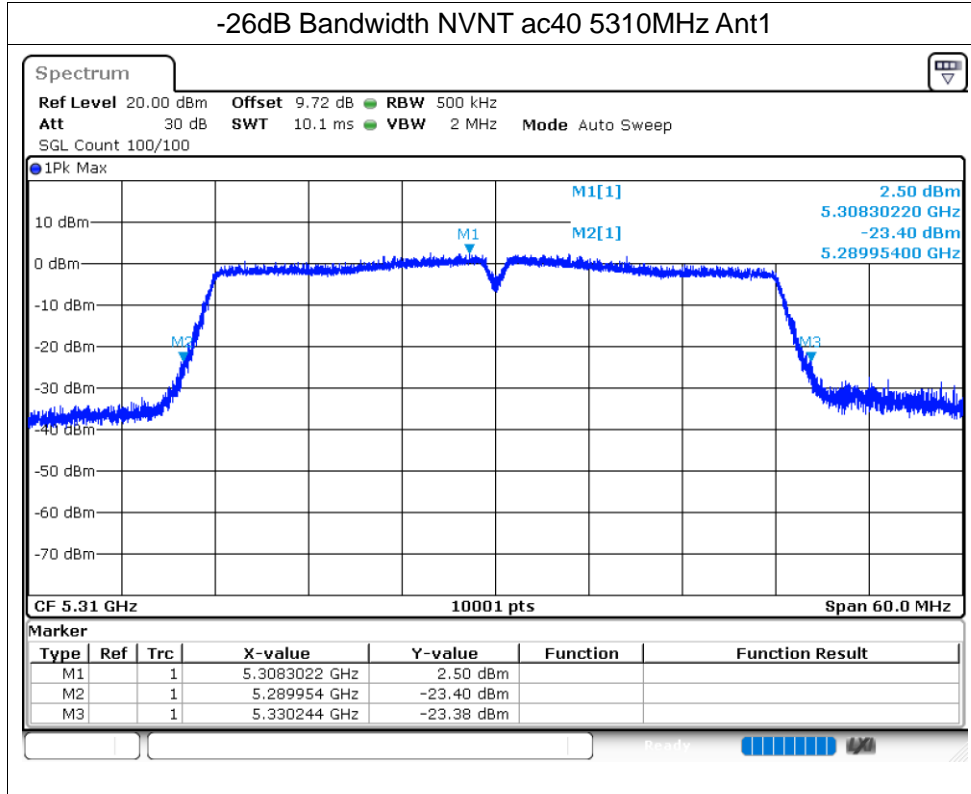










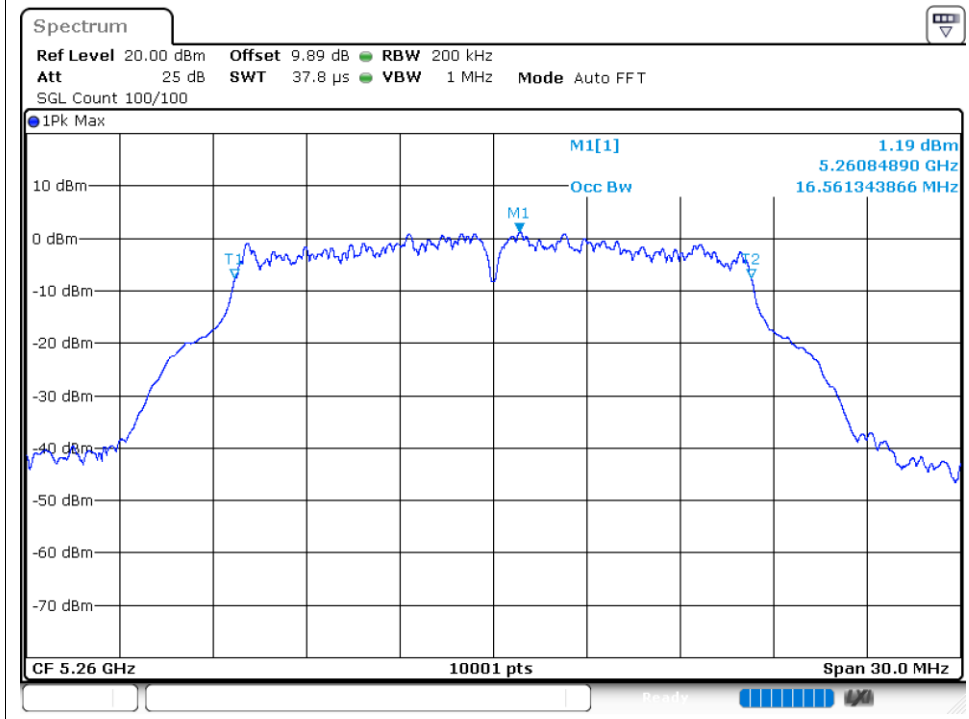


## Occupied Channel Bandwidth

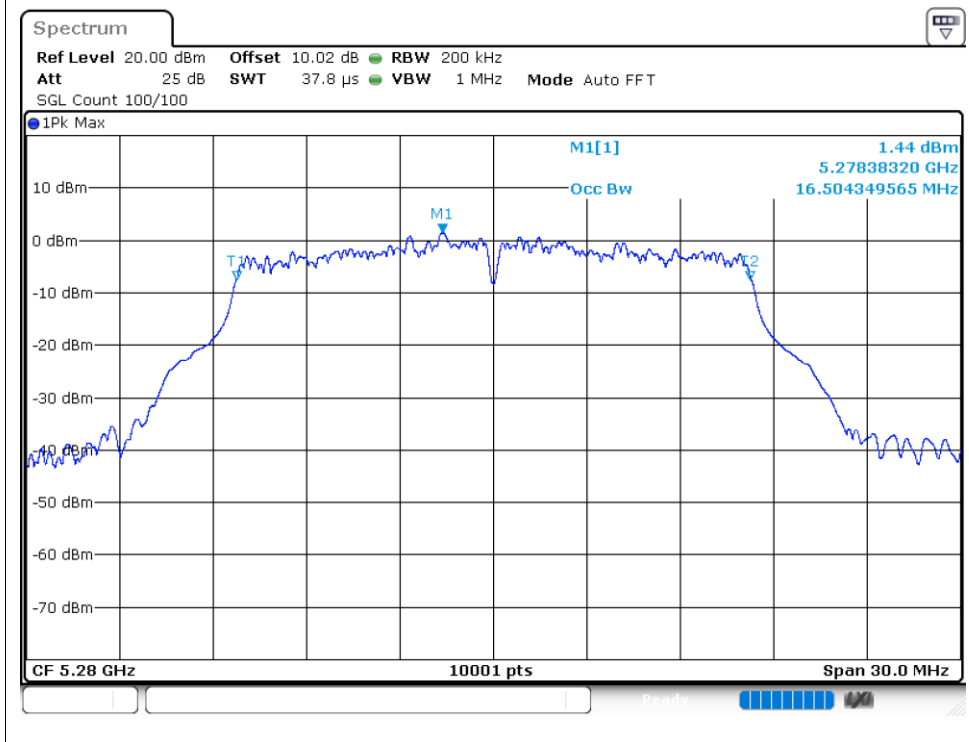
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.561
NVNT	a	5280	Ant1	16.504
NVNT	a	5320	Ant1	16.555
NVNT	n20	5260	Ant1	17.614
NVNT	n20	5280	Ant1	17.647
NVNT	n20	5320	Ant1	17.779
NVNT	n40	5270	Ant1	36.278
NVNT	n40	5310	Ant1	36.218
NVNT	ac20	5260	Ant1	17.677
NVNT	ac20	5280	Ant1	17.689
NVNT	ac20	5320	Ant1	17.629
NVNT	ac40	5270	Ant1	36.266
NVNT	ac40	5310	Ant1	36.23
NVNT	ac80	5290	Ant1	75.4

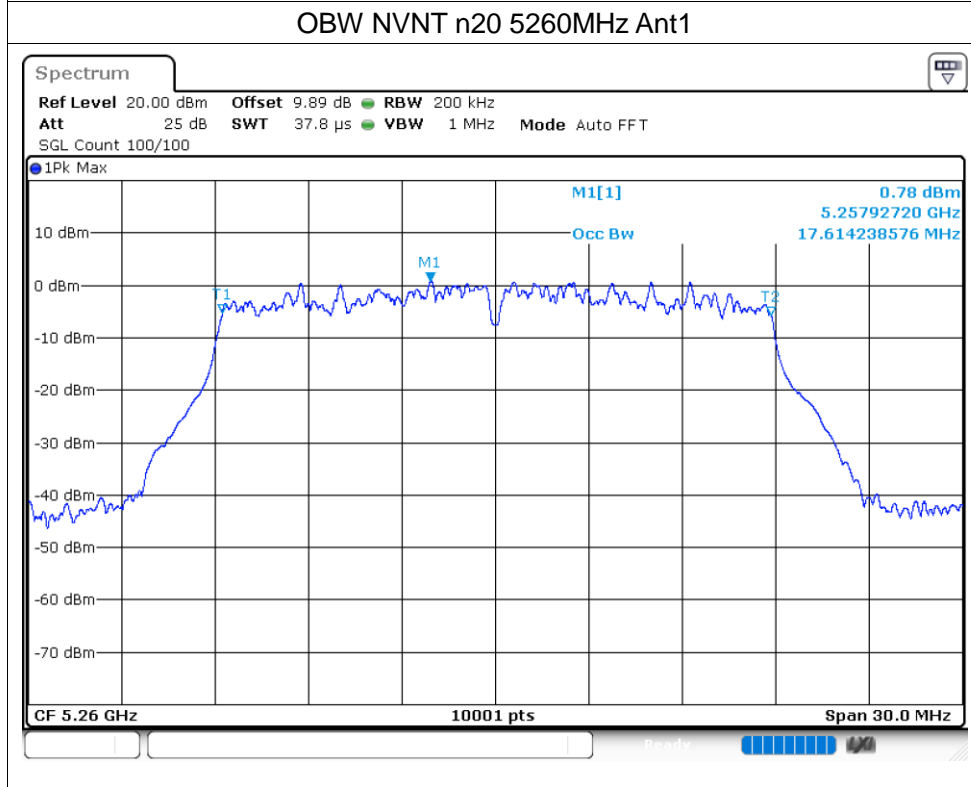
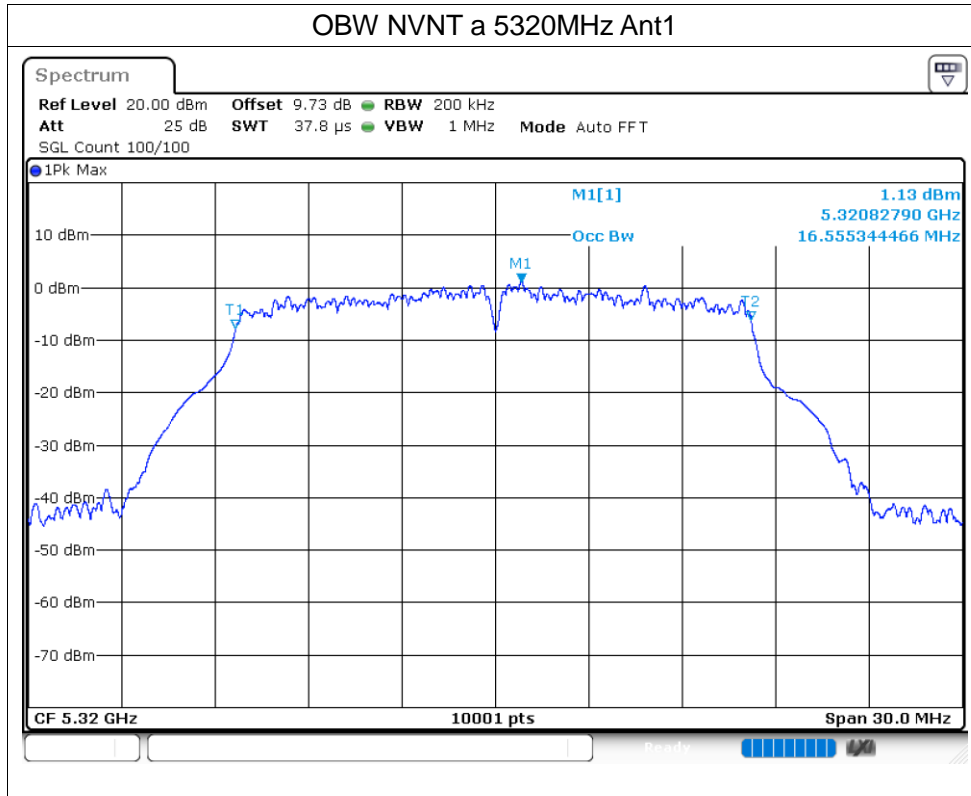
Test Graphs

OBW NVNT a 5260MHz Ant1

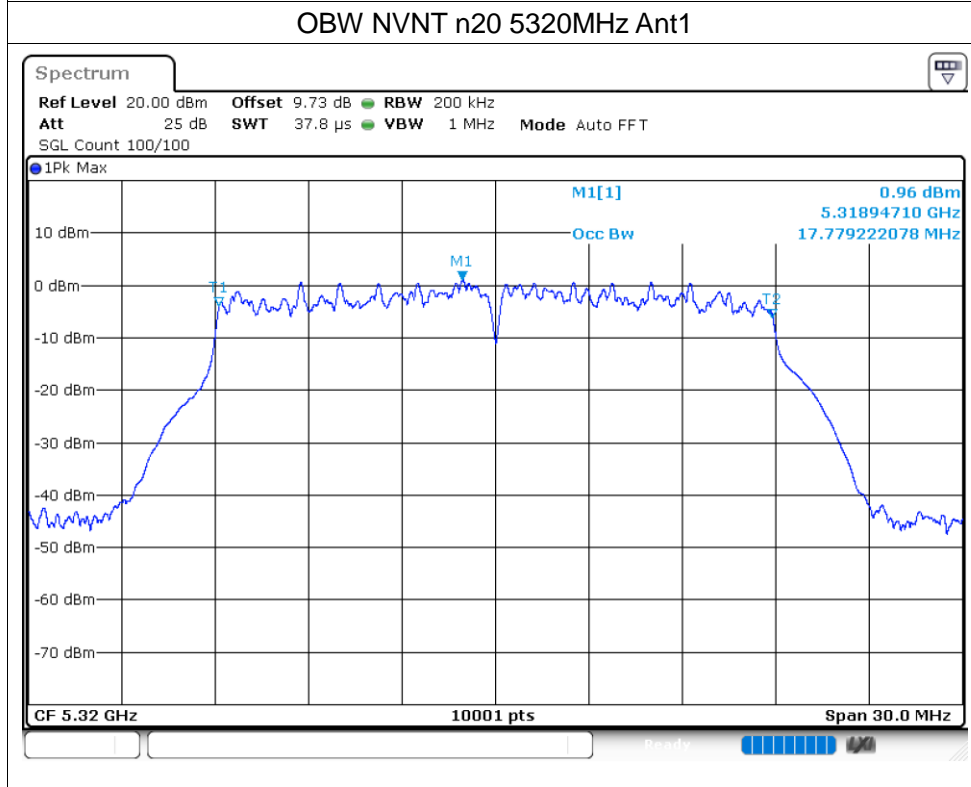
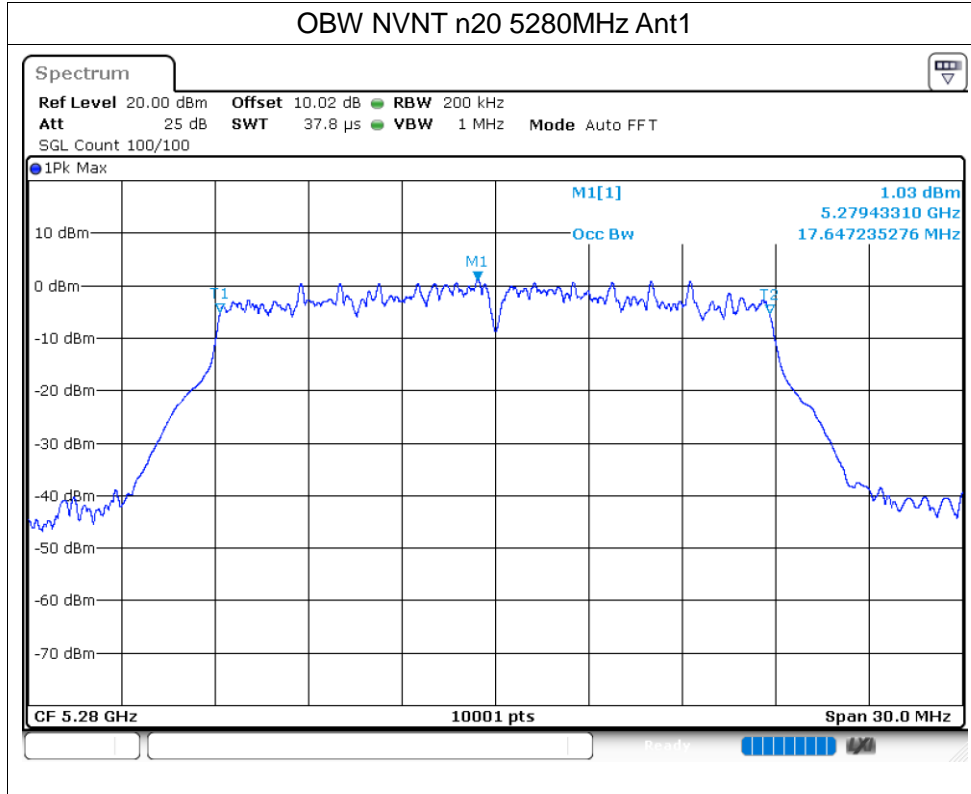


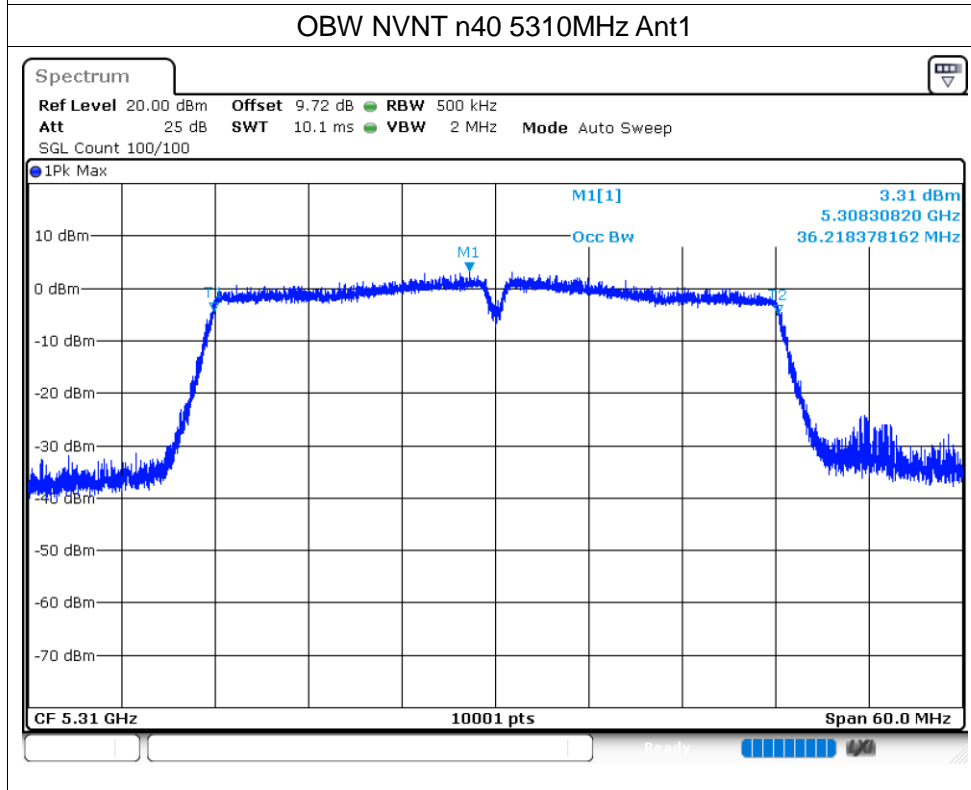
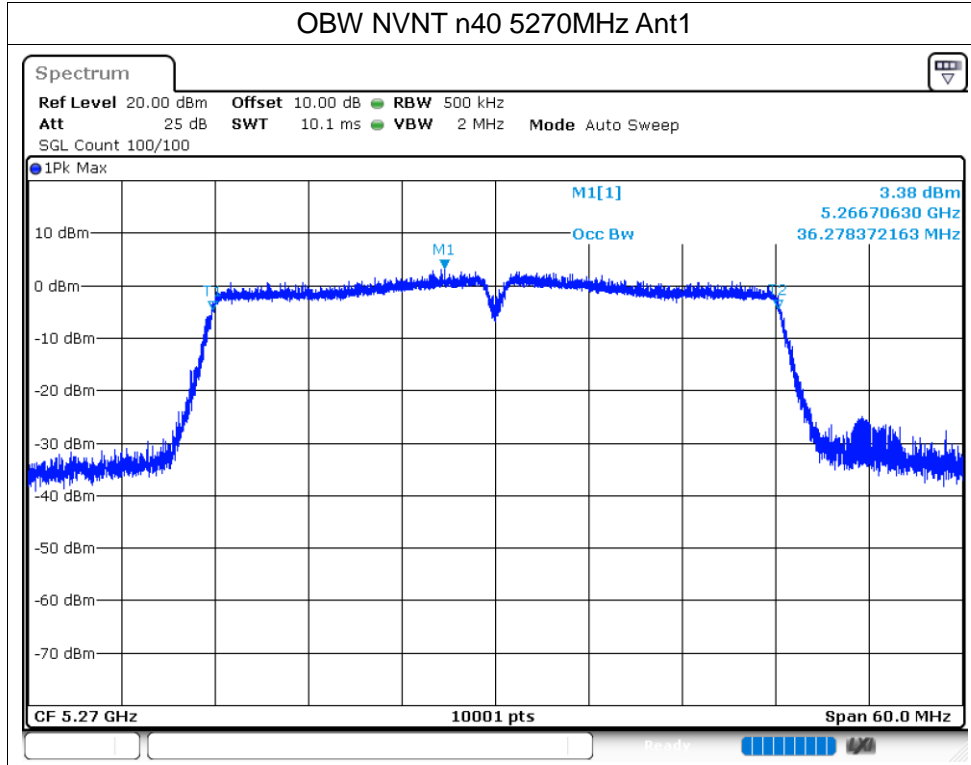
OBW NVNT a 5280MHz Ant1

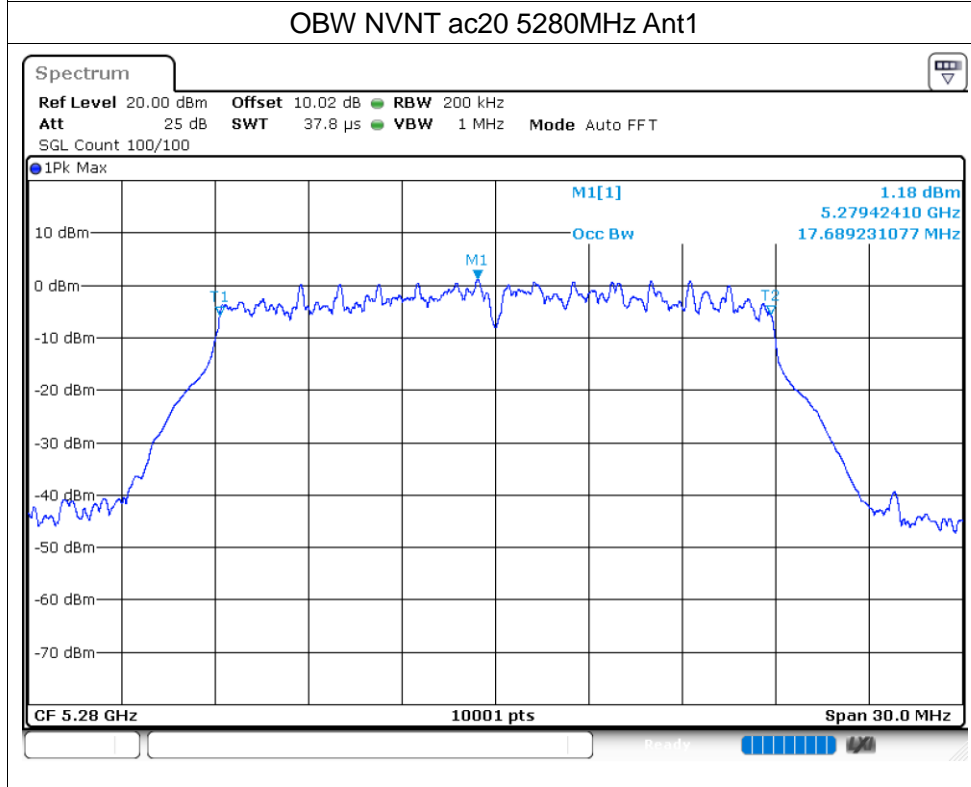
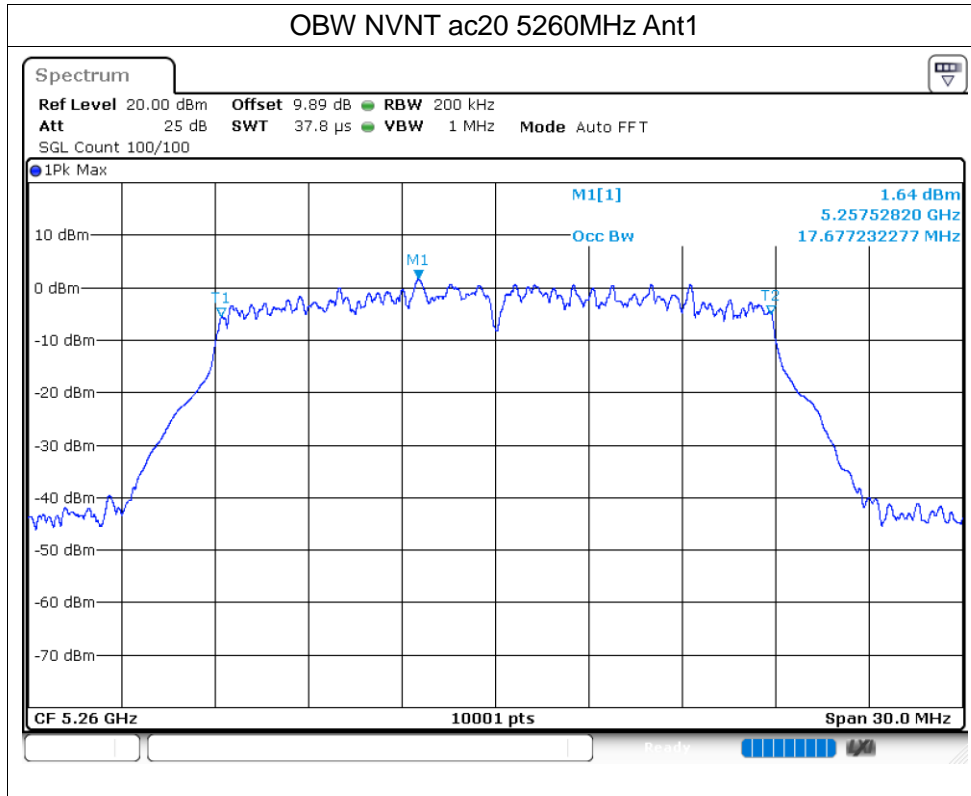


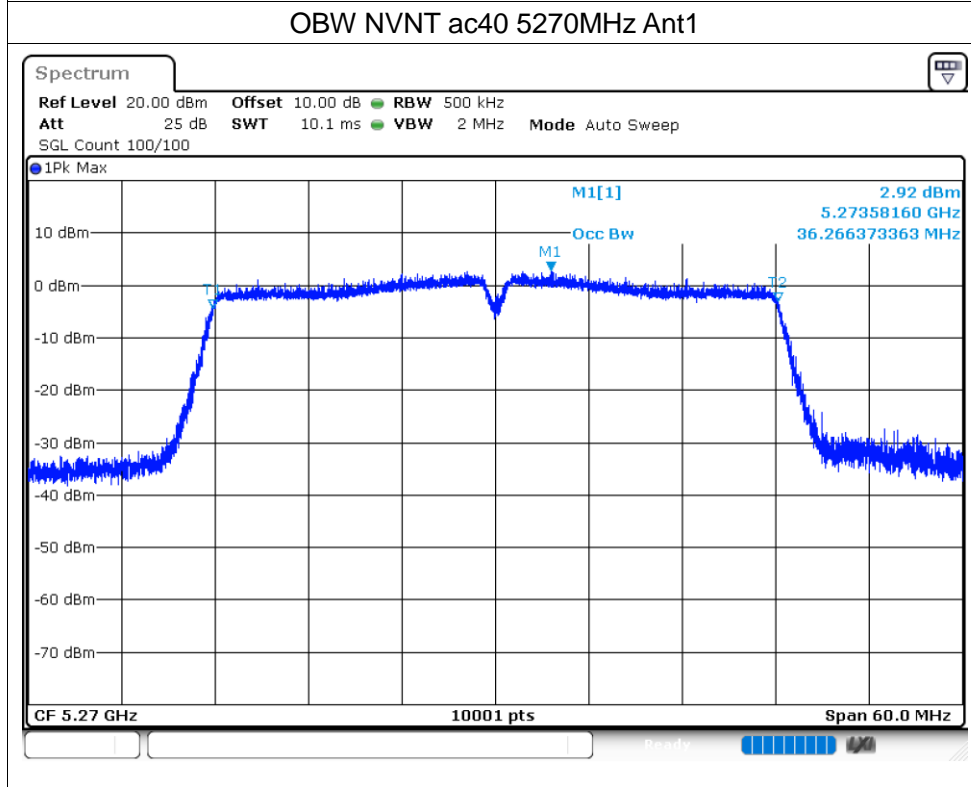
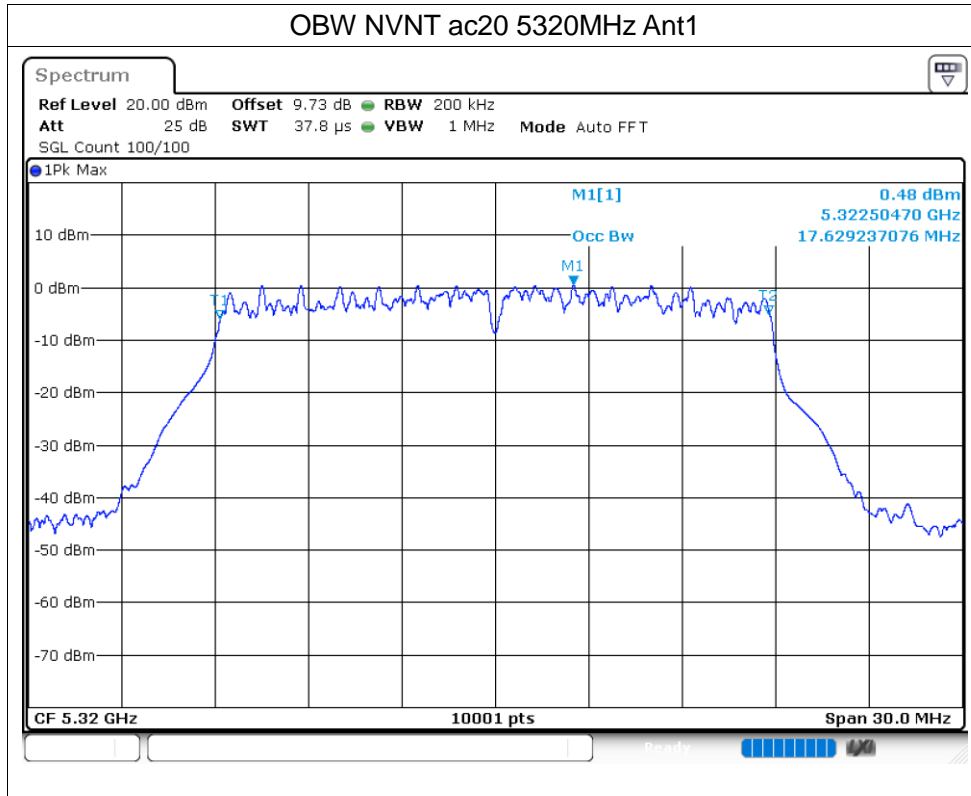


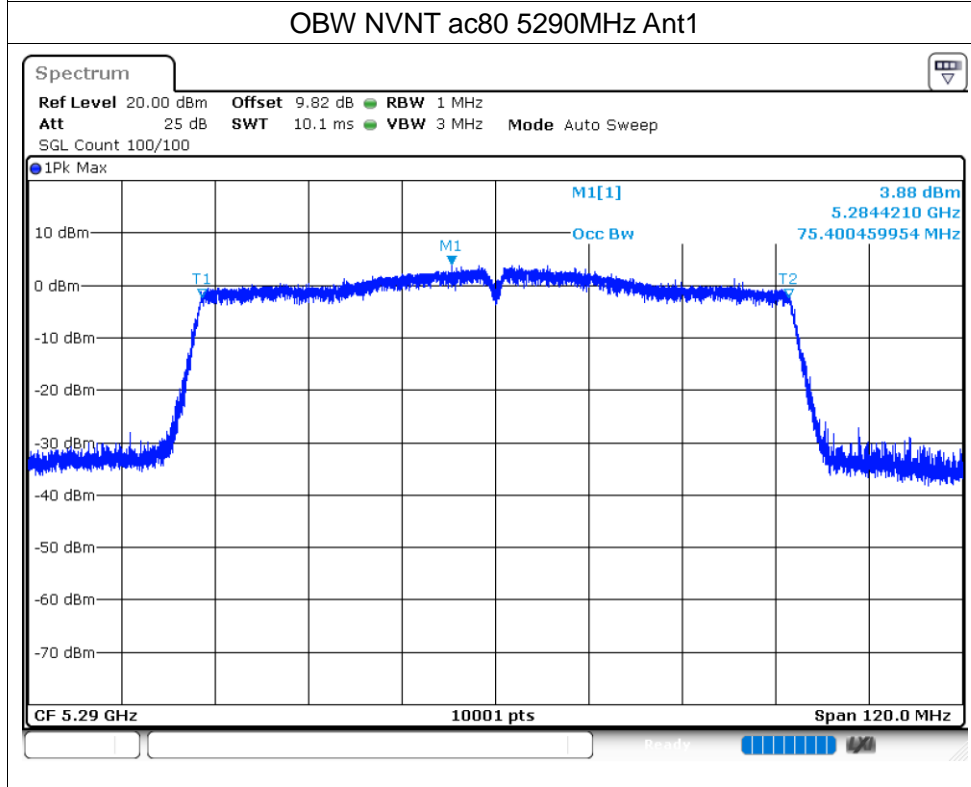
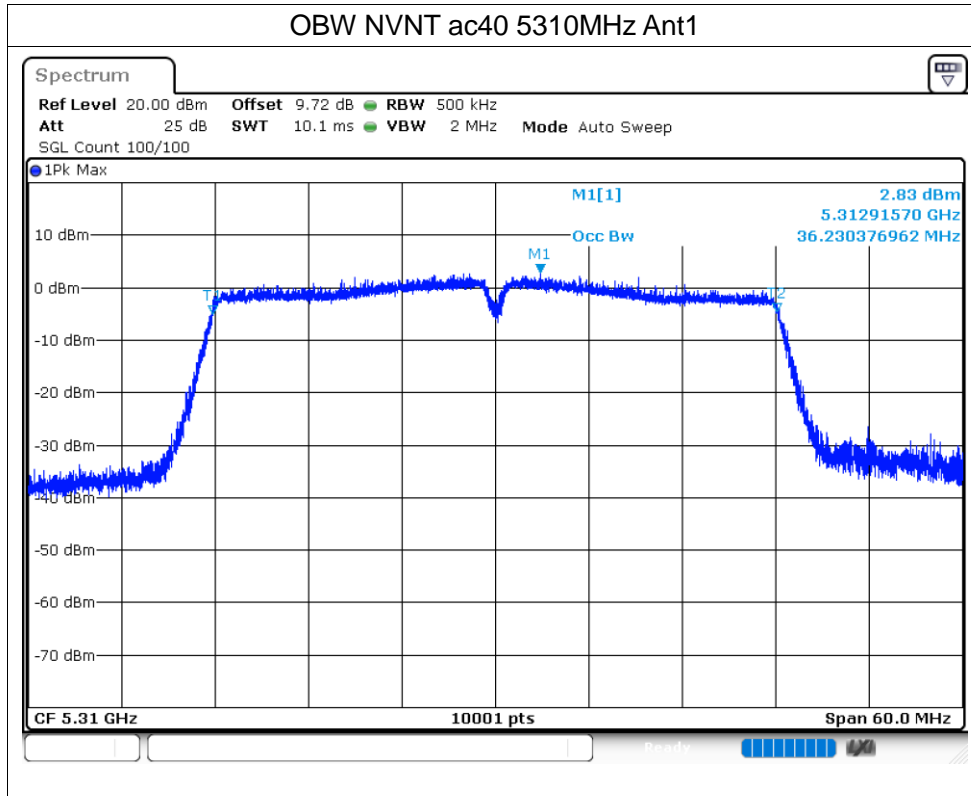










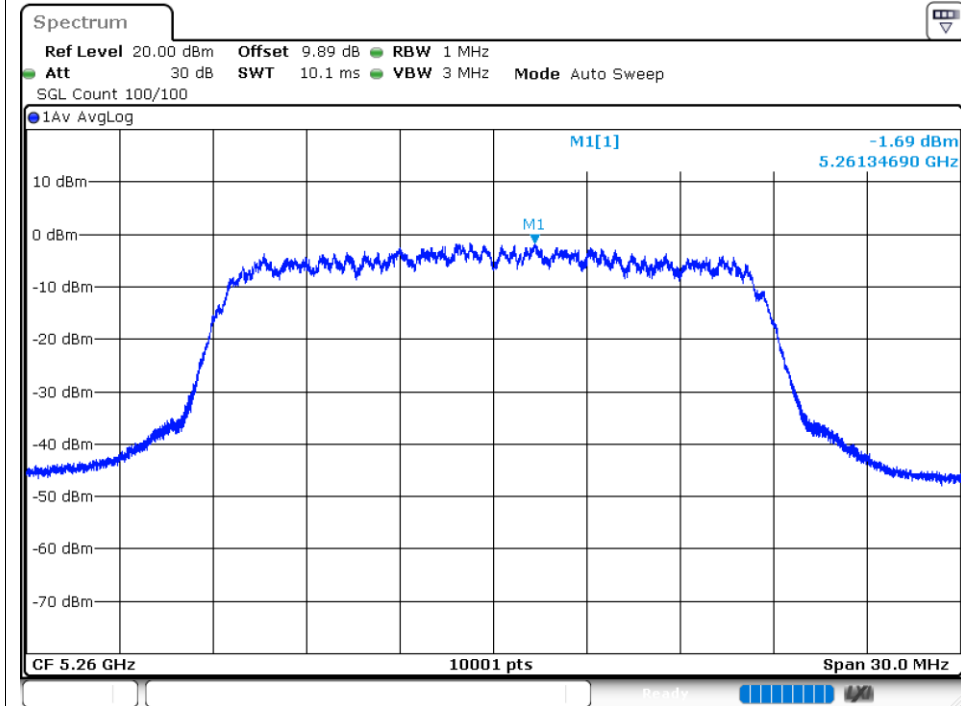


## Maximum Power Spectral Density Level

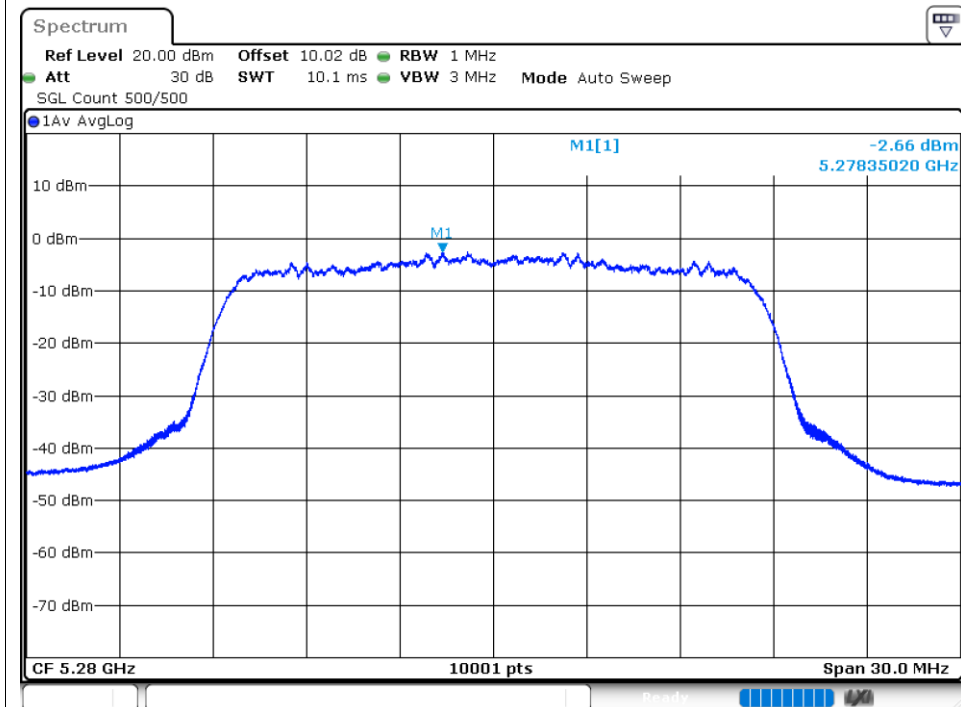
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-1.69	0.27	-1.42	11	Pass
NVNT	a	5280	Ant1	-2.66	0.27	-2.39	11	Pass
NVNT	a	5320	Ant1	-2.88	0.27	-2.61	11	Pass
NVNT	n20	5260	Ant1	-18	1.8	-16.2	11	Pass
NVNT	n20	5280	Ant1	-17.65	1.8	-15.85	11	Pass
NVNT	n20	5320	Ant1	-17.52	1.8	-15.72	11	Pass
NVNT	n40	5270	Ant1	-8.25	0.55	-7.7	11	Pass
NVNT	n40	5310	Ant1	-8.81	0.55	-8.26	11	Pass
NVNT	ac20	5260	Ant1	-16.88	1.95	-14.93	11	Pass
NVNT	ac20	5280	Ant1	-18.9	1.95	-16.95	11	Pass
NVNT	ac20	5320	Ant1	-18.68	1.94	-16.74	11	Pass
NVNT	ac40	5270	Ant1	-8.44	0.55	-7.89	11	Pass
NVNT	ac40	5310	Ant1	-8.06	0.55	-7.51	11	Pass
NVNT	ac80	5290	Ant1	-10.12	1.03	-9.09	11	Pass

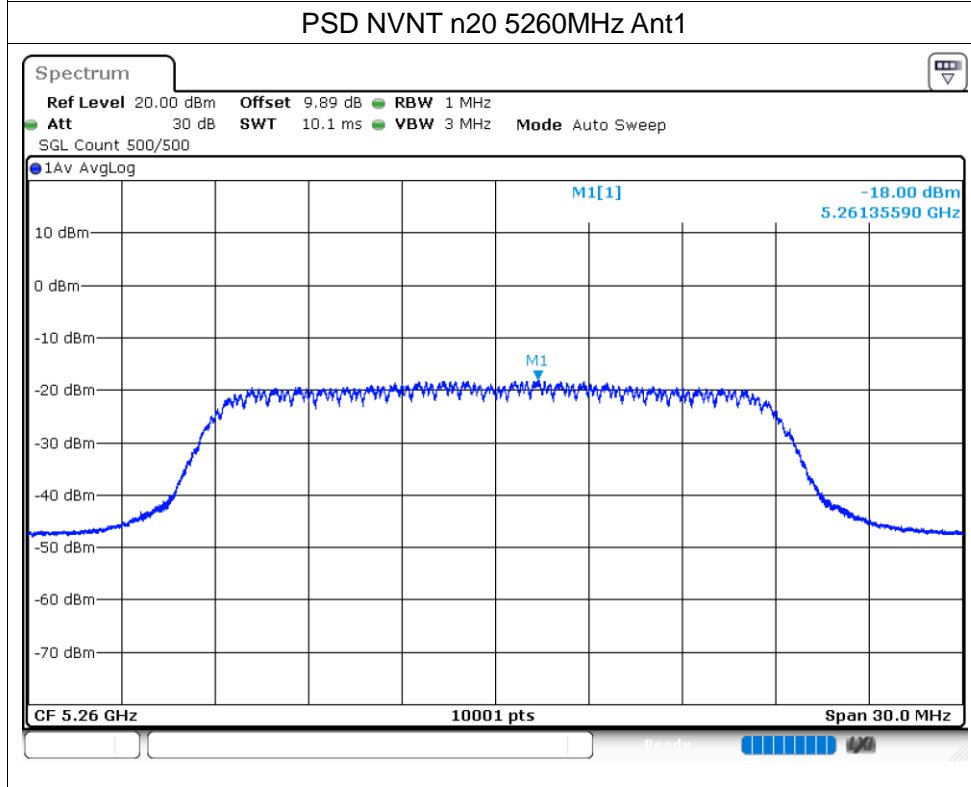
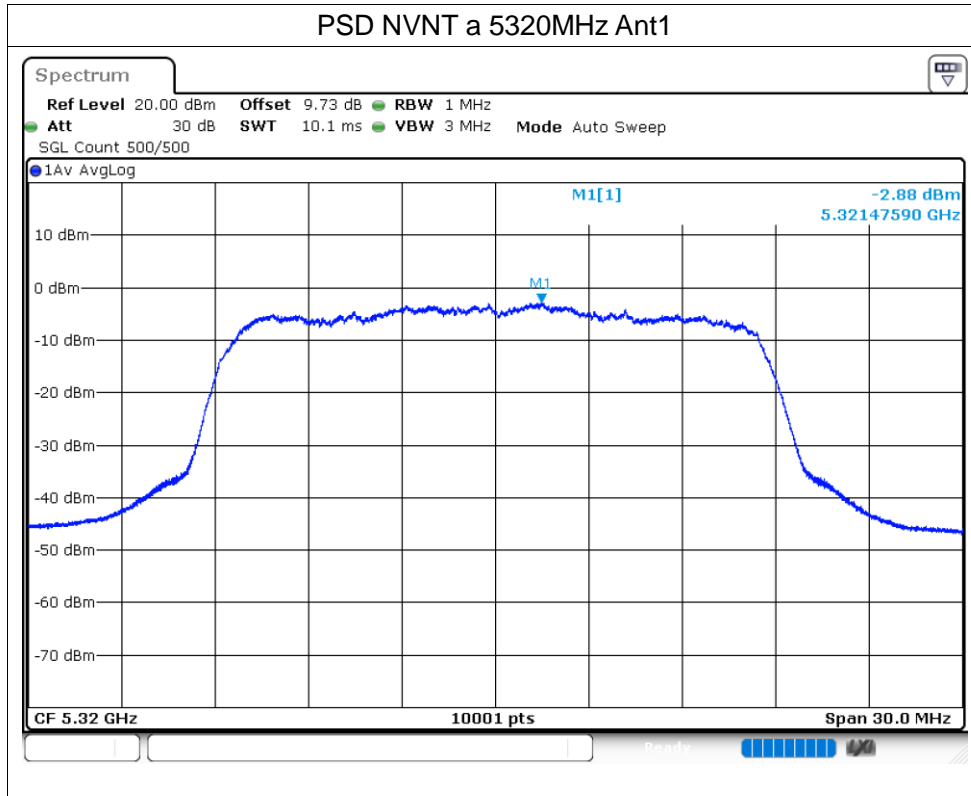
Test Graphs

PSD NVNT a 5260MHz Ant1

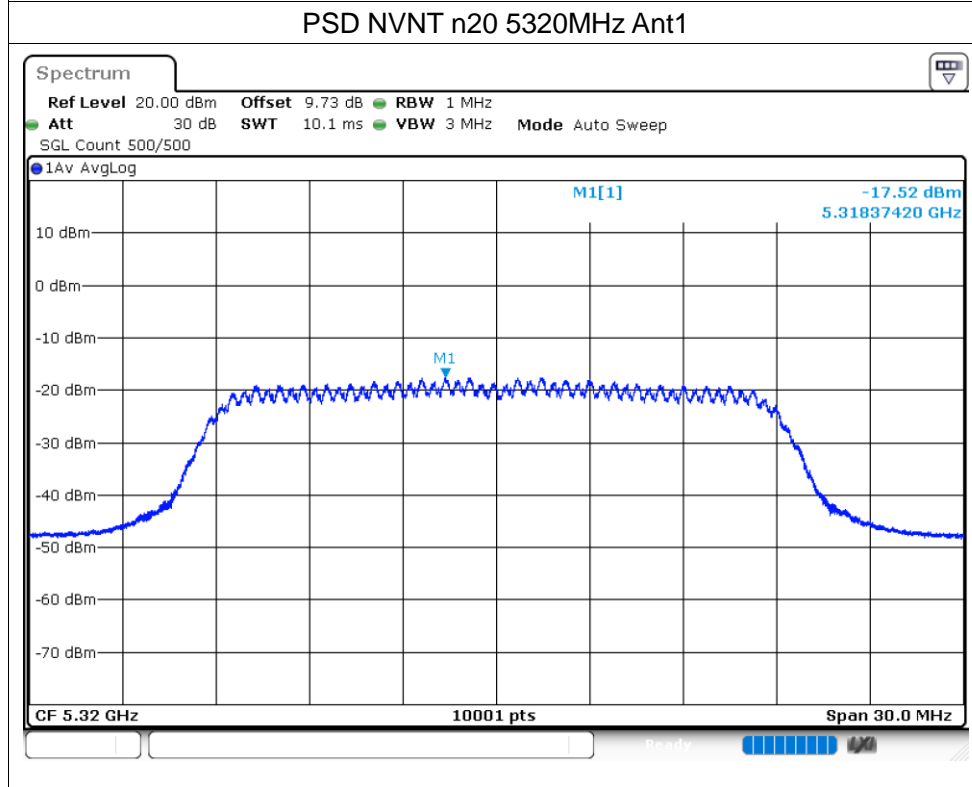
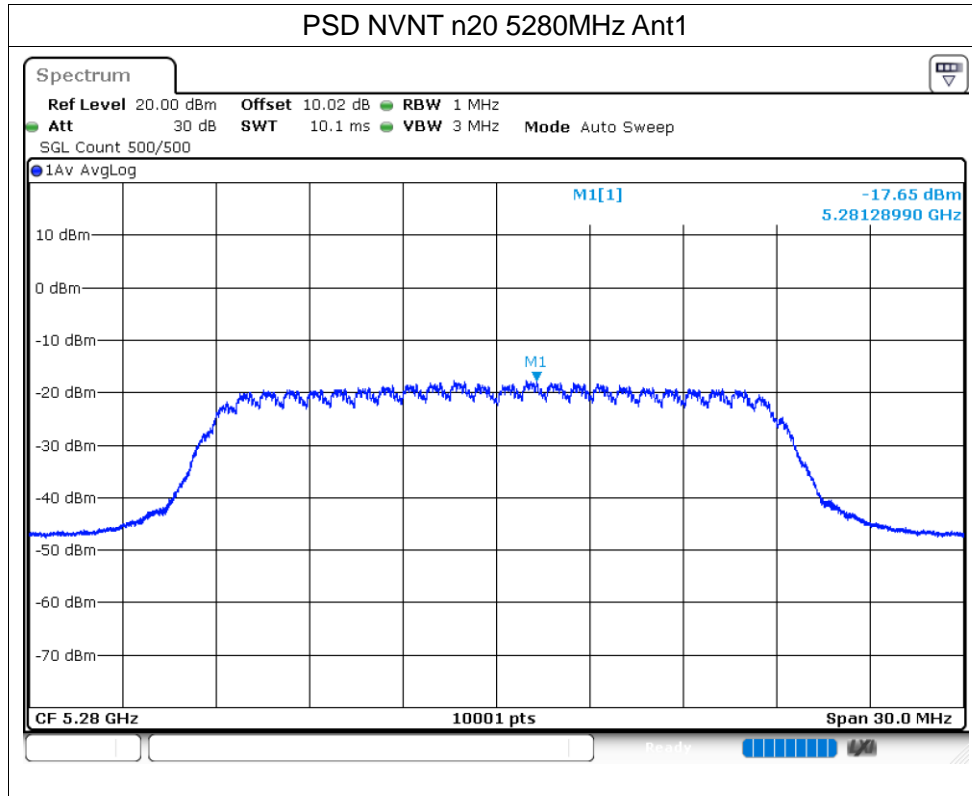


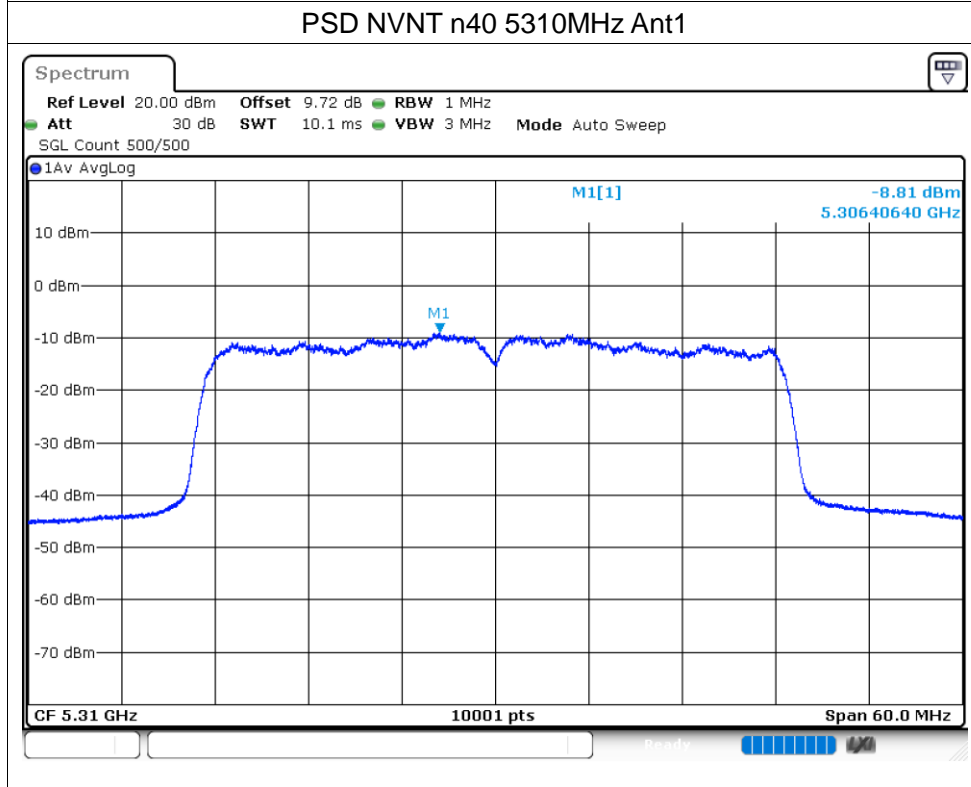
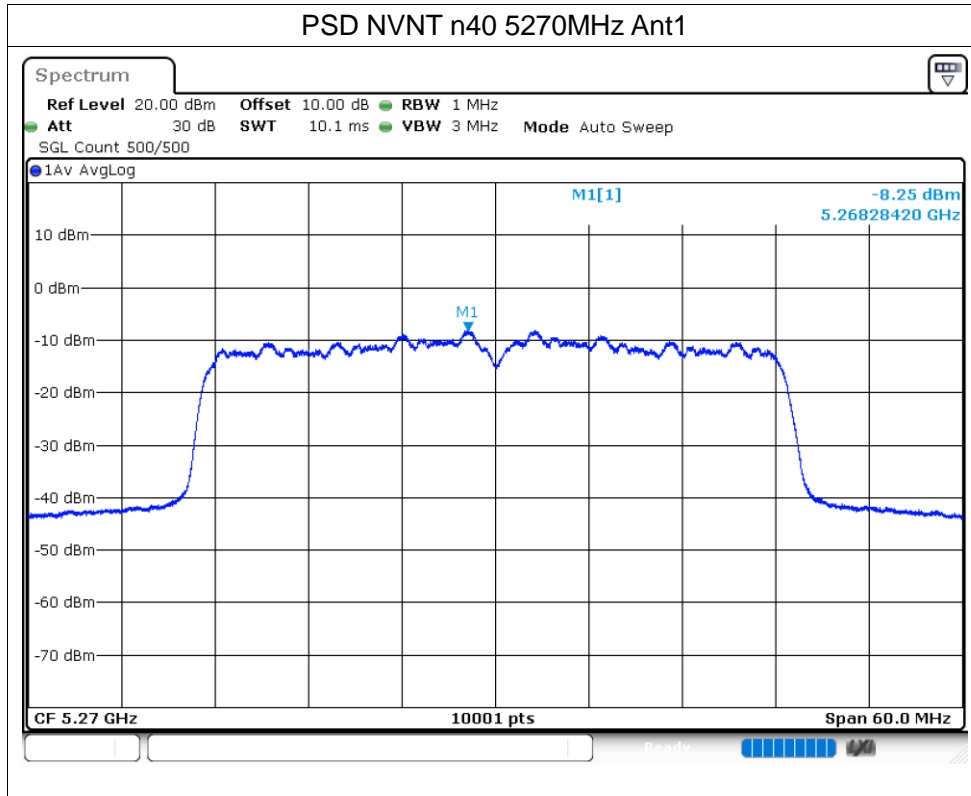
PSD NVNT a 5280MHz Ant1

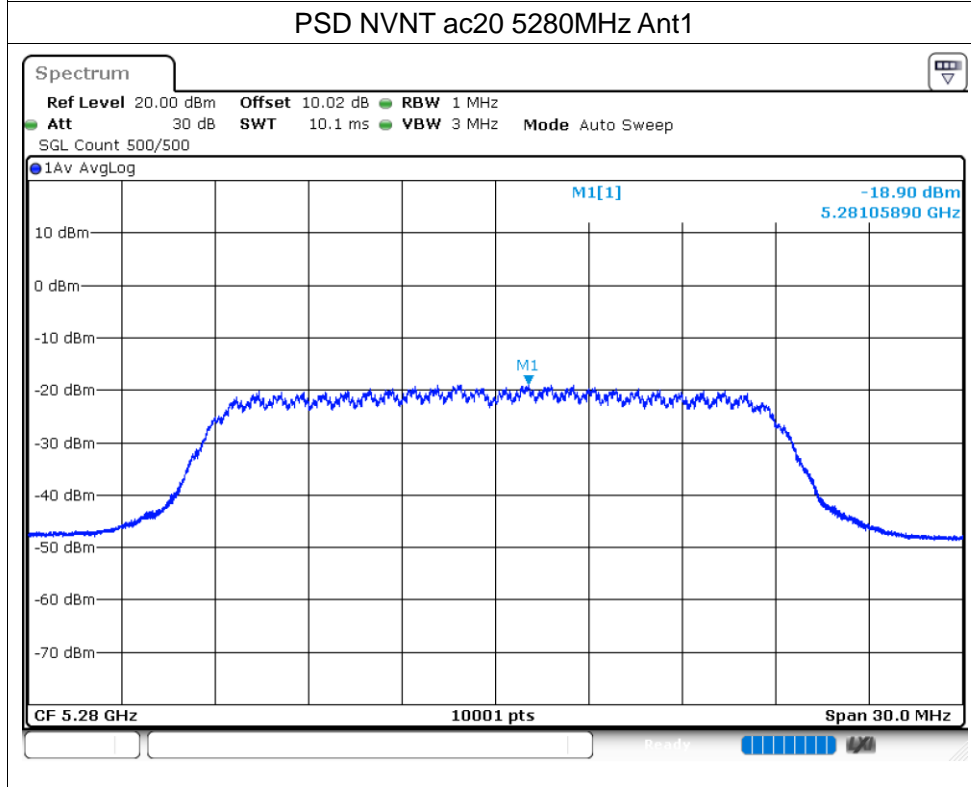
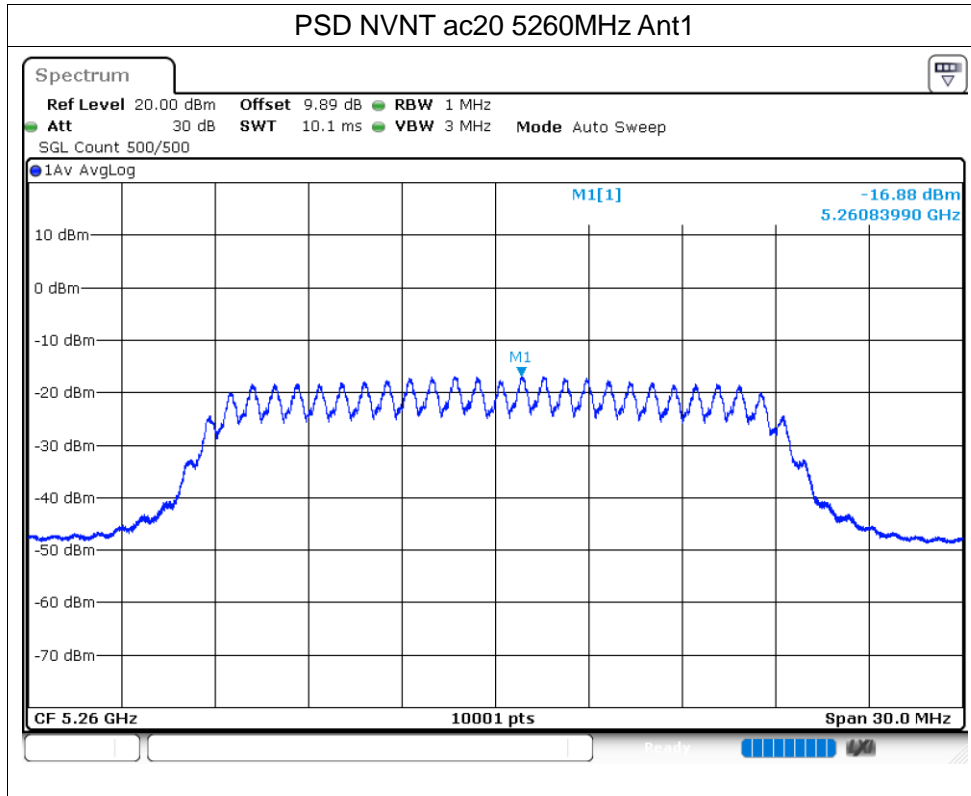


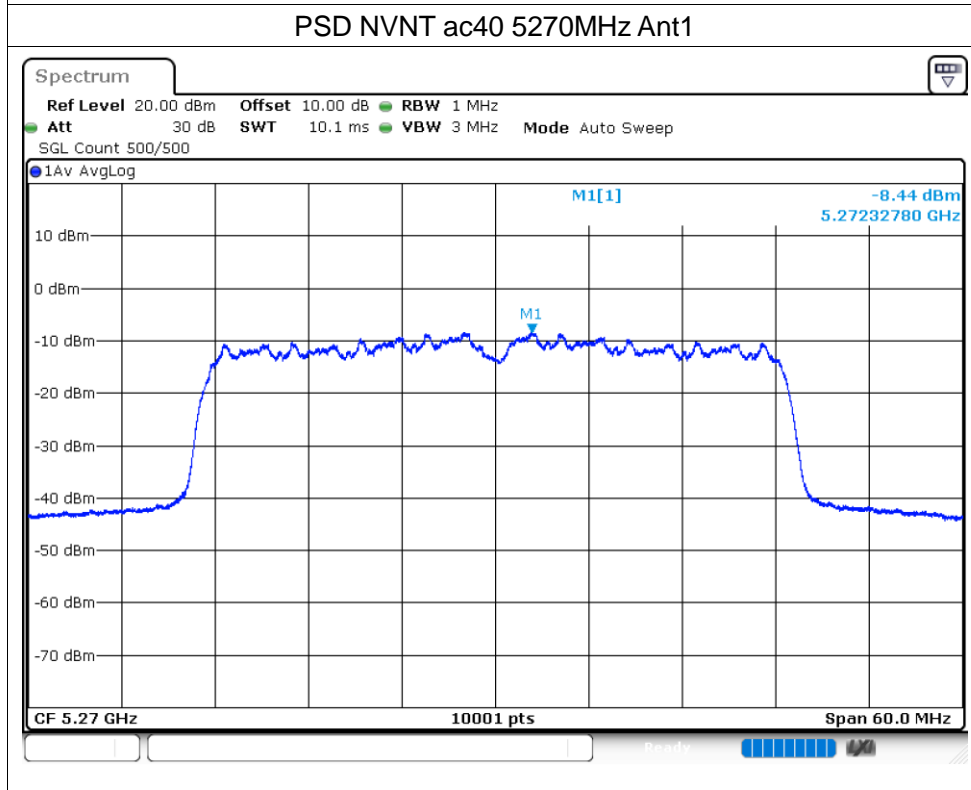
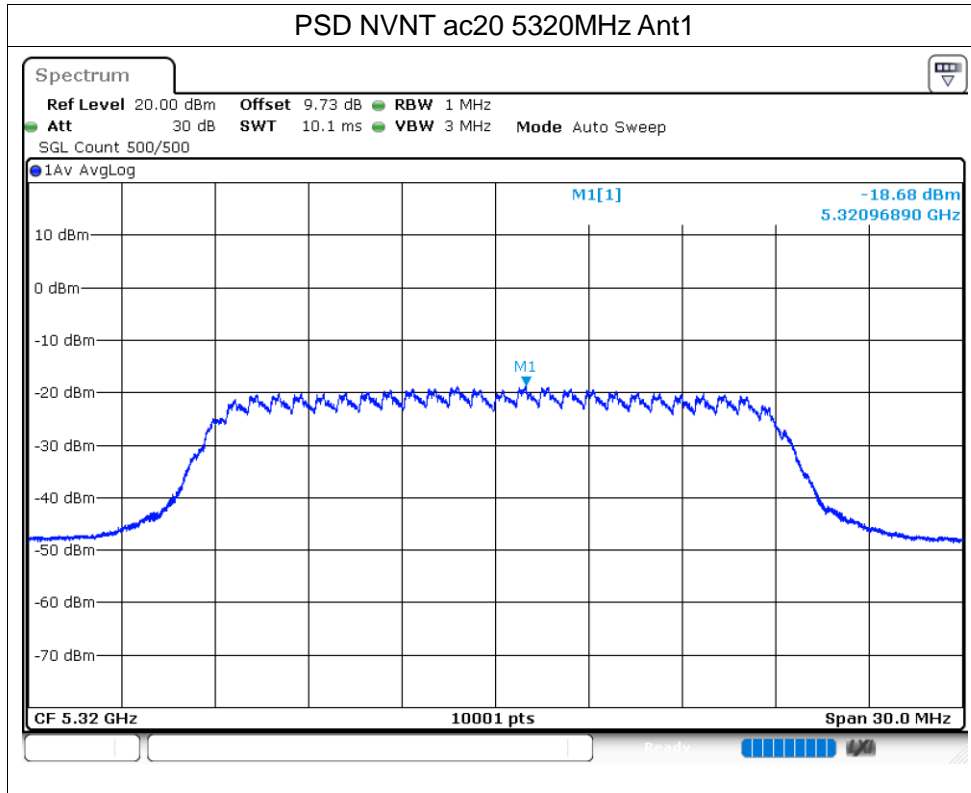


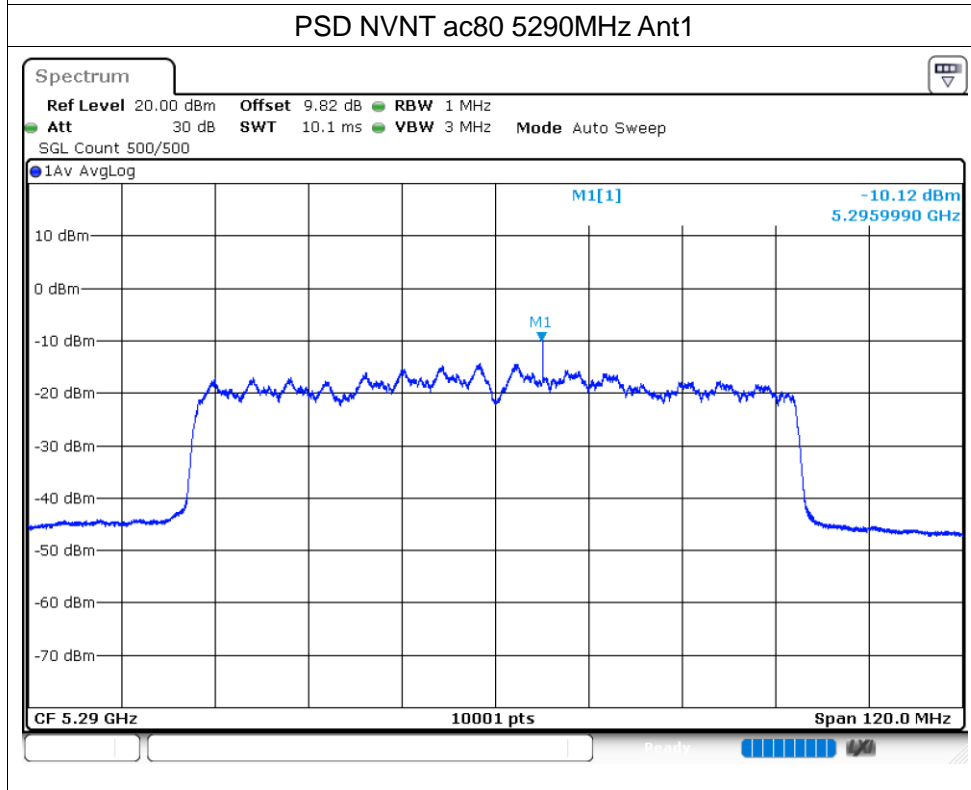
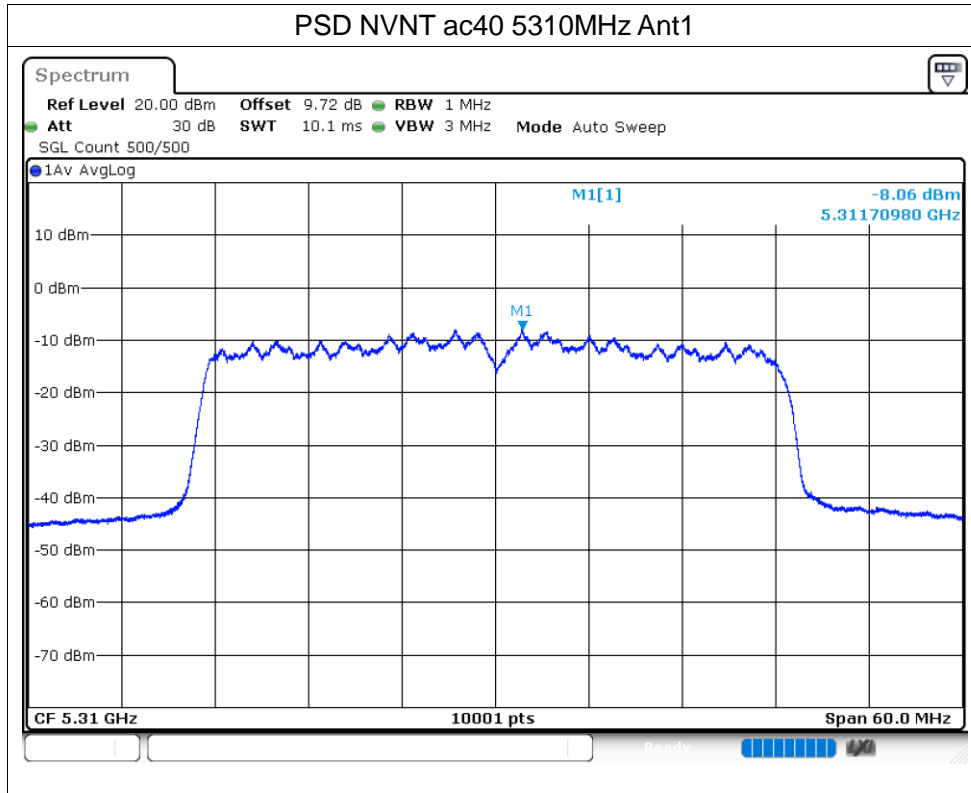










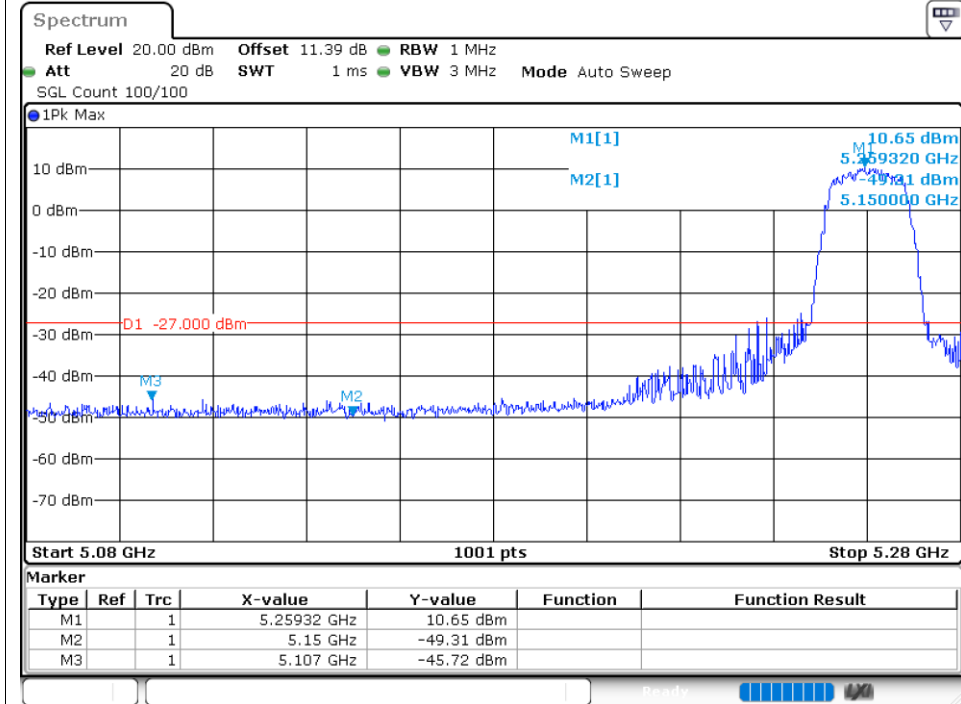


## Band Edge

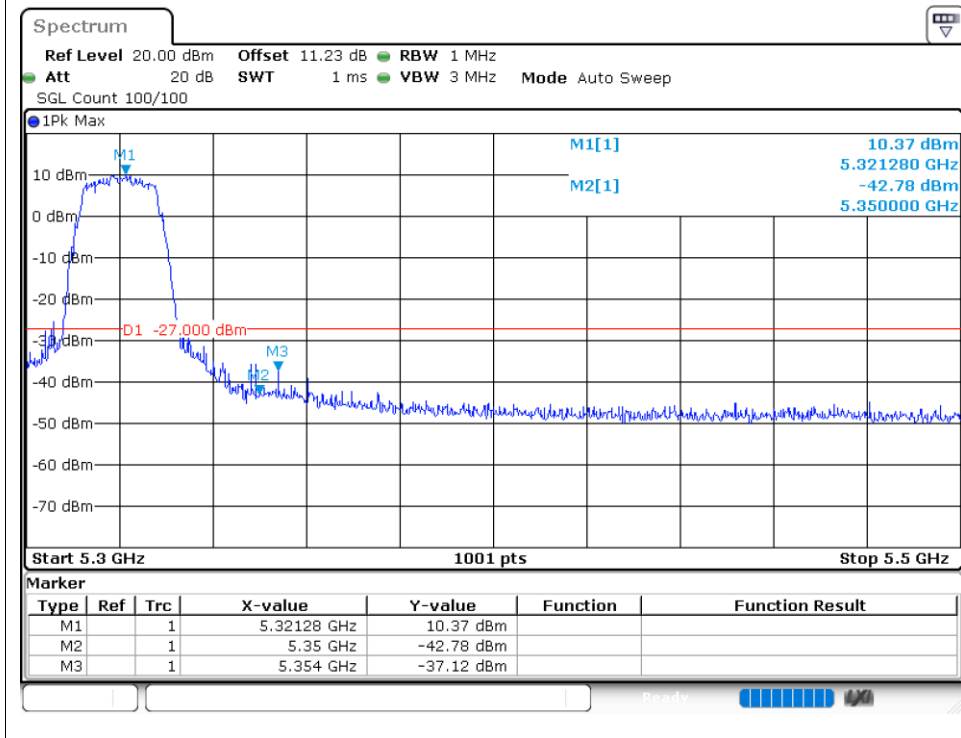
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-45.71	-27	Pass
NVNT	a	5320	Ant1	-37.11	-27	Pass
NVNT	n20	5260	Ant1	-46.14	-27	Pass
NVNT	n20	5320	Ant1	-40.08	-27	Pass
NVNT	n40	5270	Ant1	-44.6	-27	Pass
NVNT	n40	5310	Ant1	-30.31	-27	Pass
NVNT	ac20	5260	Ant1	-45.39	-27	Pass
NVNT	ac20	5320	Ant1	-41.26	-27	Pass
NVNT	ac40	5270	Ant1	-45.54	-27	Pass
NVNT	ac40	5310	Ant1	-33.13	-27	Pass
NVNT	ac80	5290	Ant1	-43.6	-27	Pass

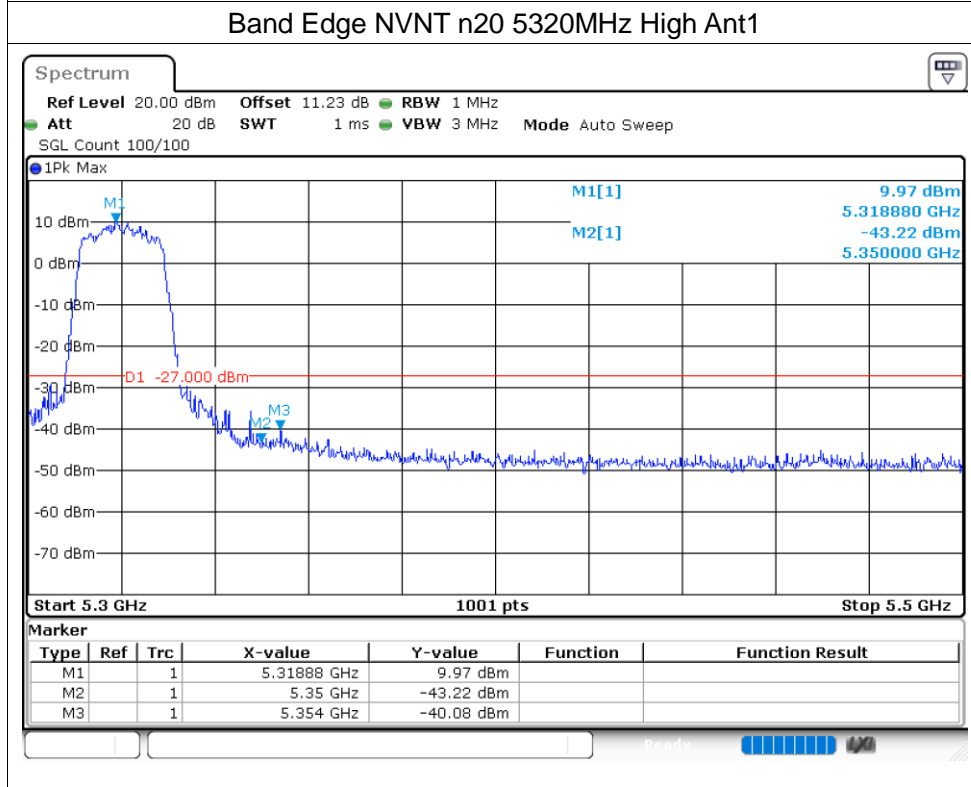
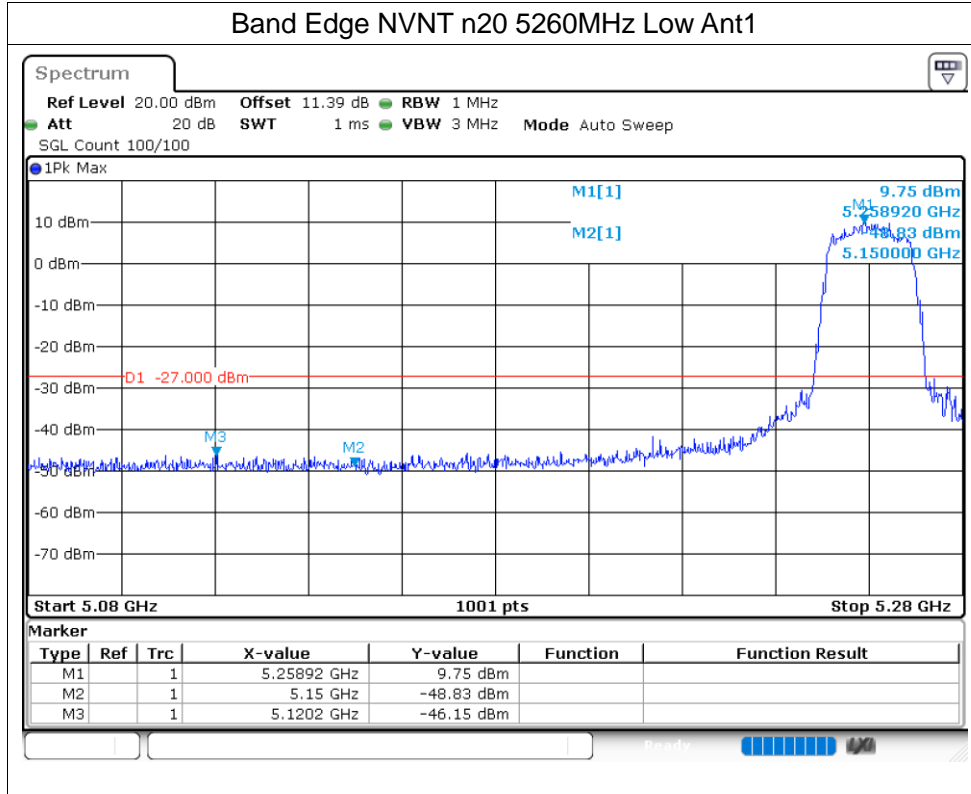
Test Graphs

Band Edge NVNT a 5260MHz Low Ant1

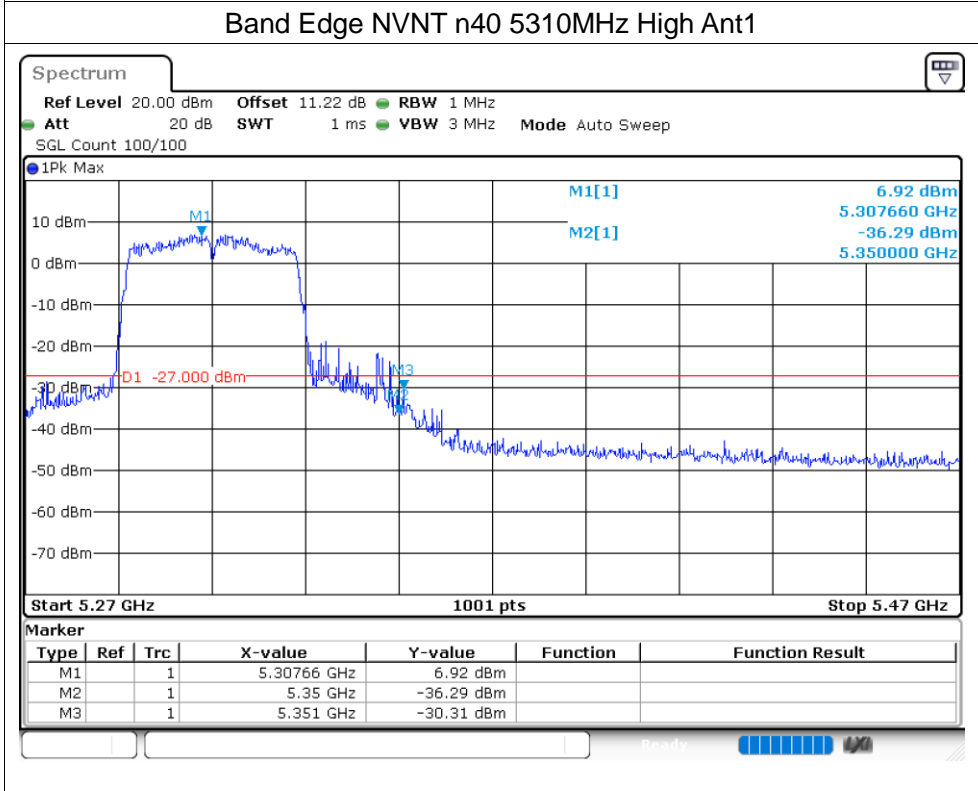
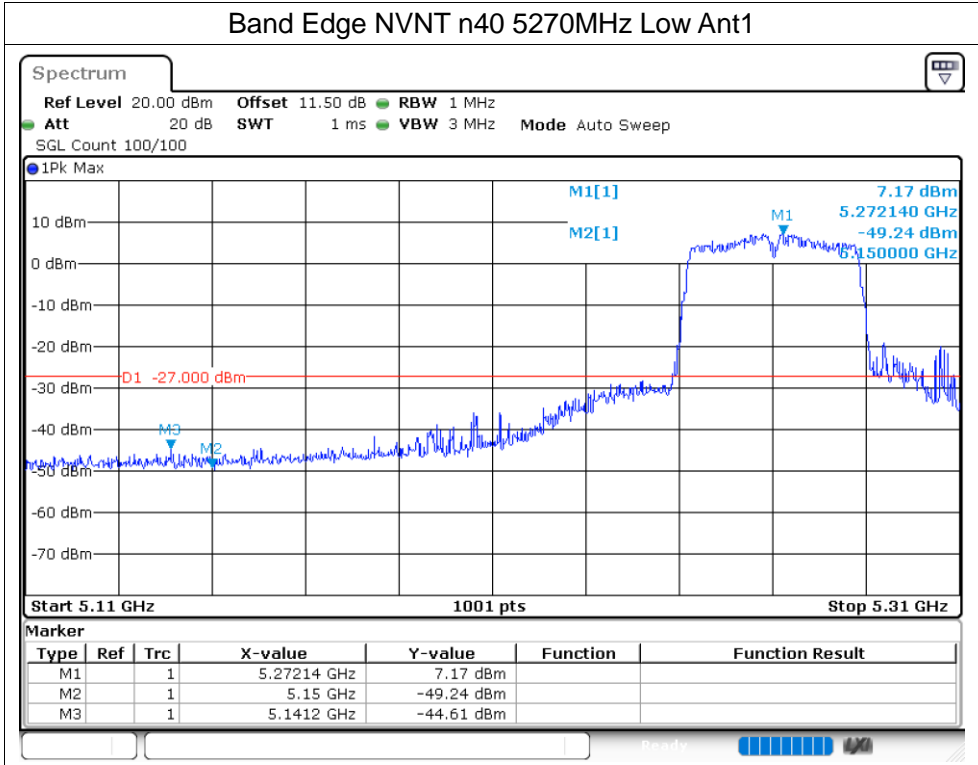


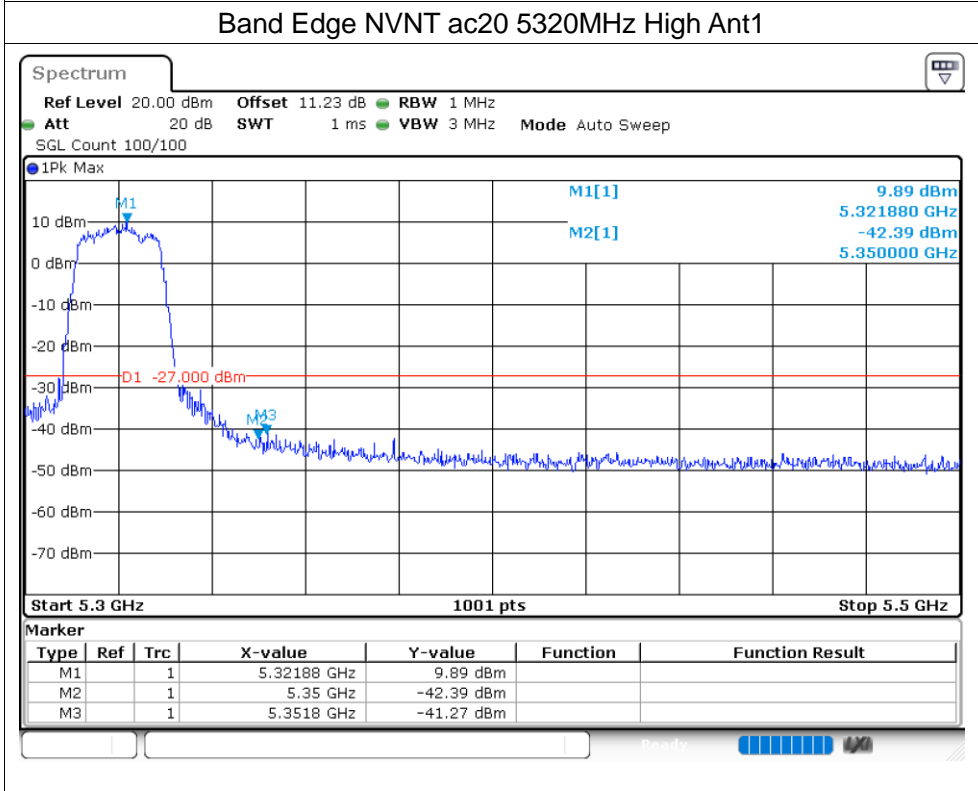
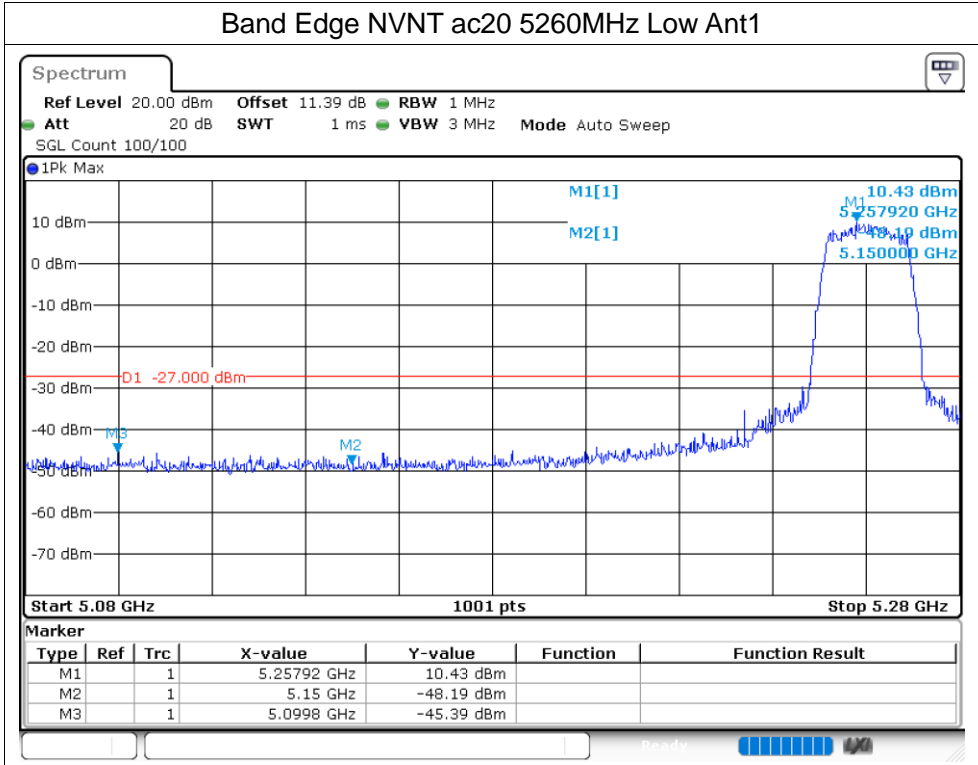
Band Edge NVNT a 5320MHz High Ant1

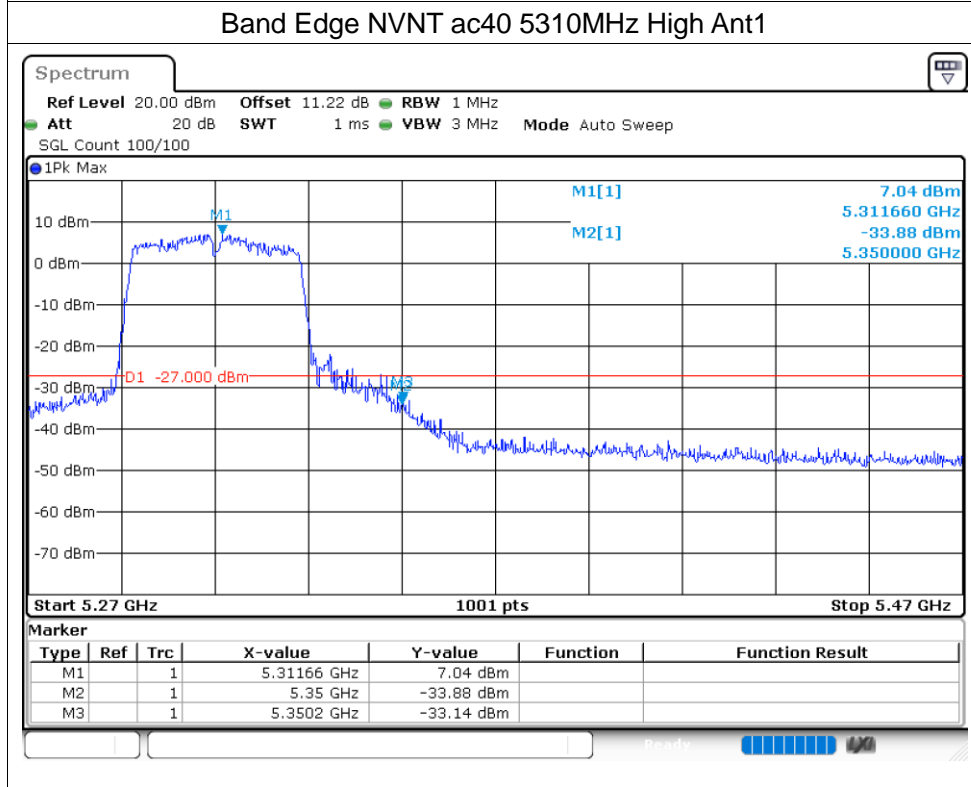
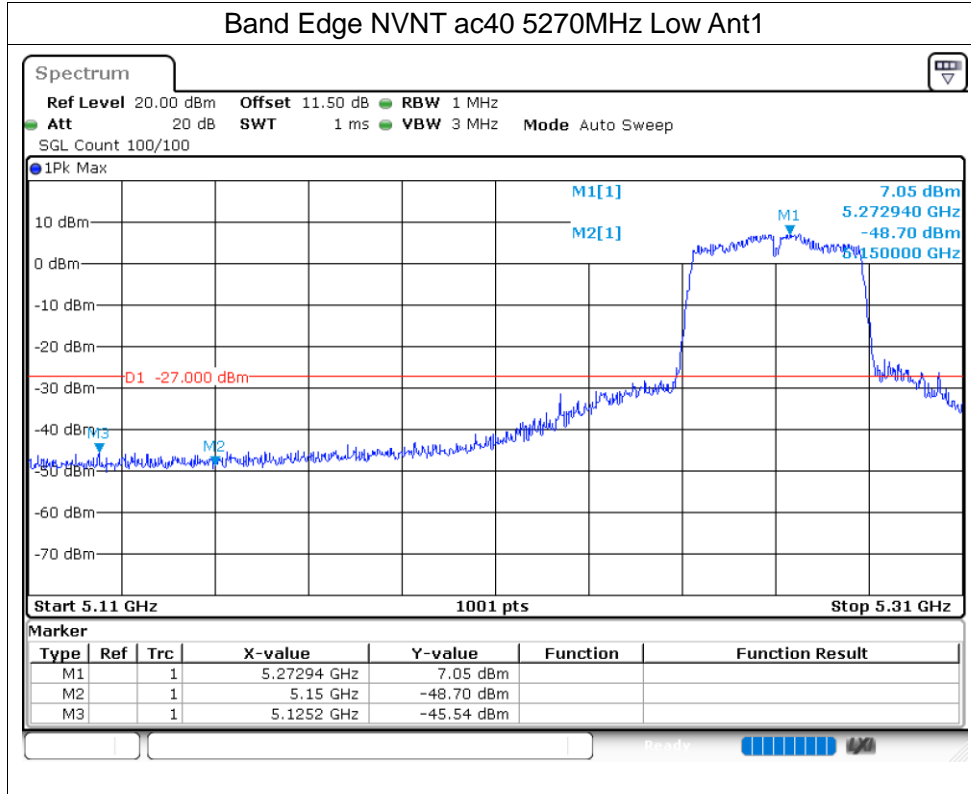


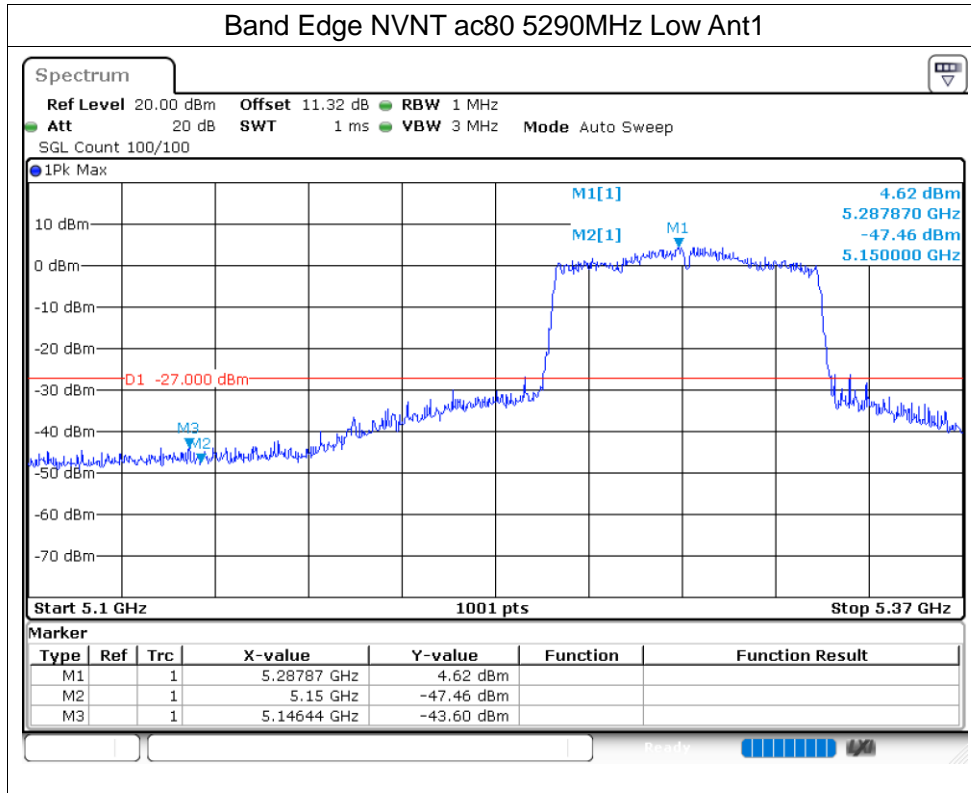












## Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-36.67	-27	Pass
NVNT	a	5280	Ant1	-35.33	-27	Pass
NVNT	a	5320	Ant1	-35.62	-27	Pass
NVNT	n20	5260	Ant1	-36.95	-27	Pass
NVNT	n20	5280	Ant1	-36.66	-27	Pass
NVNT	n20	5320	Ant1	-37.05	-27	Pass
NVNT	n40	5270	Ant1	-36.68	-27	Pass
NVNT	n40	5310	Ant1	-36.86	-27	Pass
NVNT	ac20	5260	Ant1	-37.28	-27	Pass
NVNT	ac20	5280	Ant1	-35.94	-27	Pass
NVNT	ac20	5320	Ant1	-37.07	-27	Pass
NVNT	ac40	5270	Ant1	-35.62	-27	Pass
NVNT	ac40	5310	Ant1	-36.71	-27	Pass
NVNT	ac80	5290	Ant1	-36.9	-27	Pass