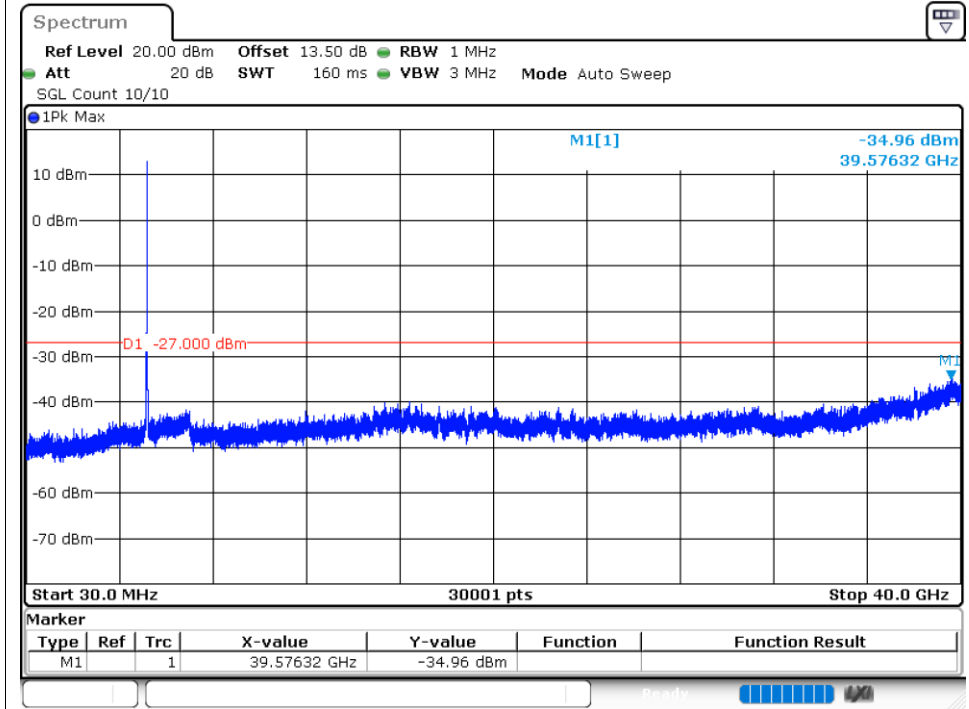


## Conducted RF Spurious Emission

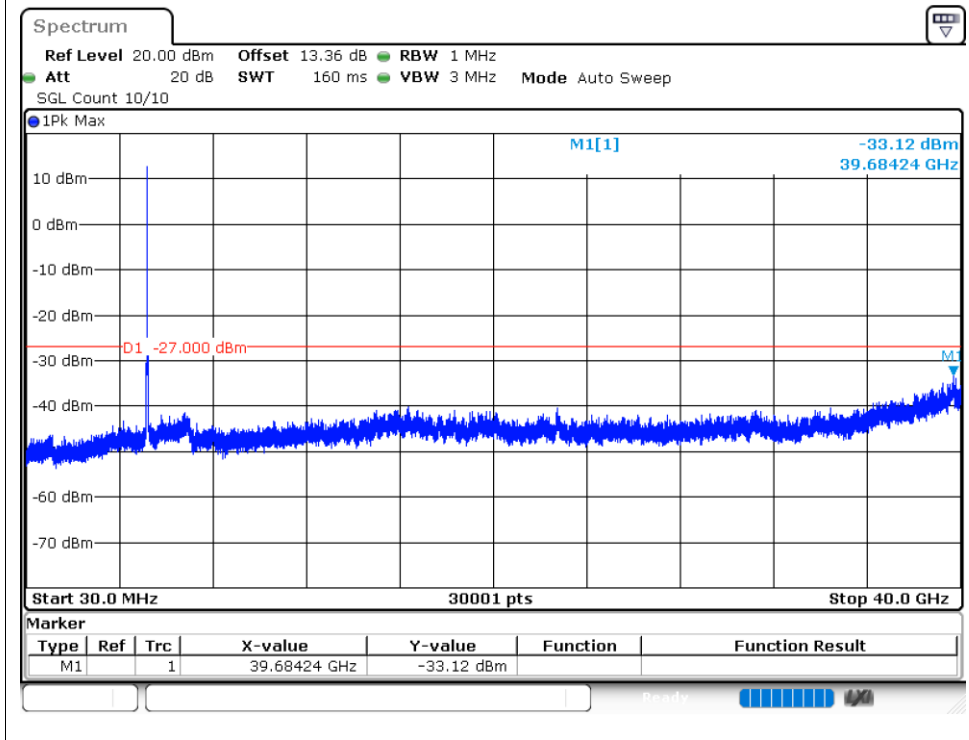
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.96	-27	Pass
NVNT	a	5200	Ant1	-33.12	-27	Pass
NVNT	a	5240	Ant1	-34.42	-27	Pass
NVNT	n20	5180	Ant1	-34.19	-27	Pass
NVNT	n20	5200	Ant1	-34.63	-27	Pass
NVNT	n20	5240	Ant1	-34.75	-27	Pass
NVNT	n40	5190	Ant1	-34.27	-27	Pass
NVNT	n40	5230	Ant1	-34.72	-27	Pass
NVNT	ac20	5180	Ant1	-33.38	-27	Pass
NVNT	ac20	5200	Ant1	-34.24	-27	Pass
NVNT	ac20	5240	Ant1	-33.79	-27	Pass
NVNT	ac40	5190	Ant1	-34.4	-27	Pass
NVNT	ac40	5230	Ant1	-34.73	-27	Pass
NVNT	ac80	5210	Ant1	-34.64	-27	Pass

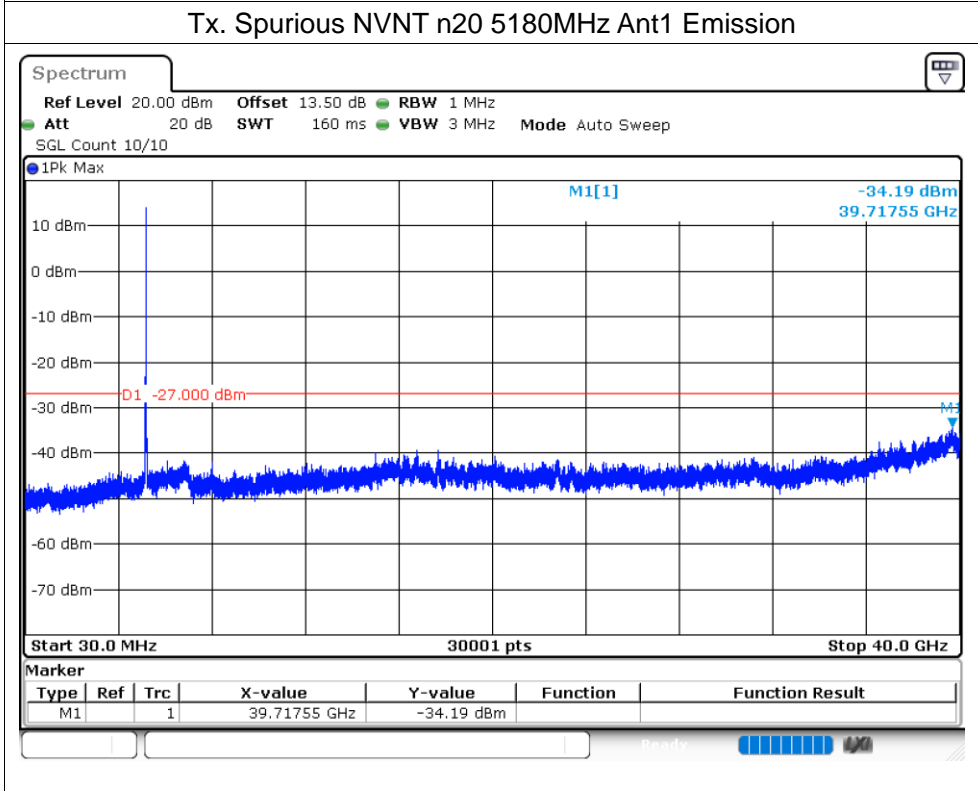
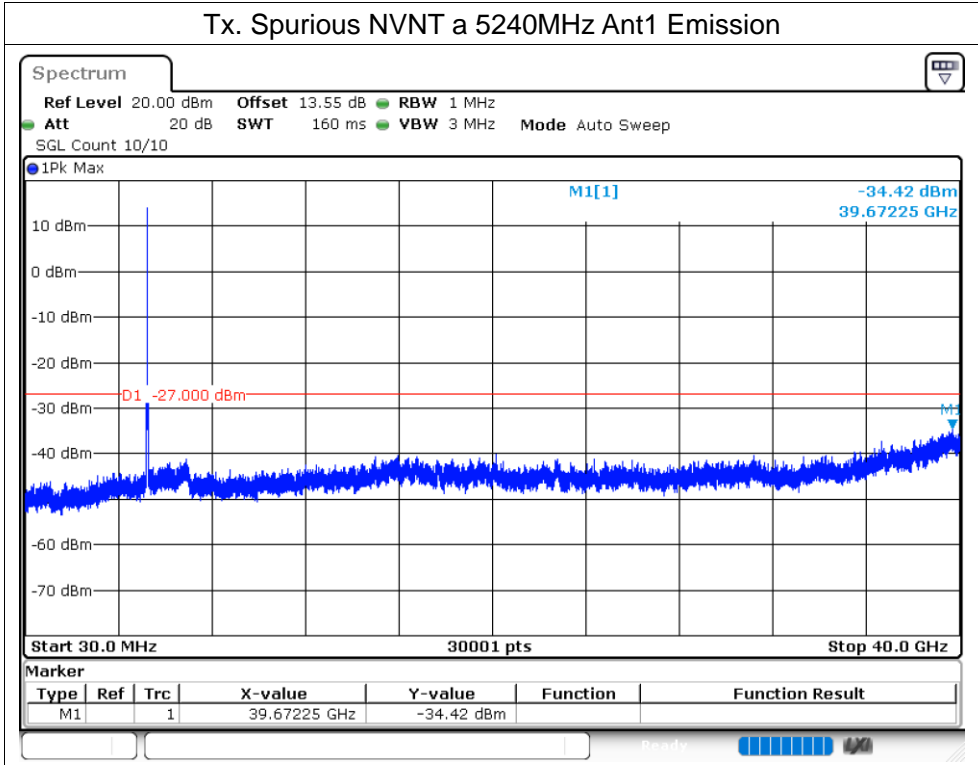
Test Graphs

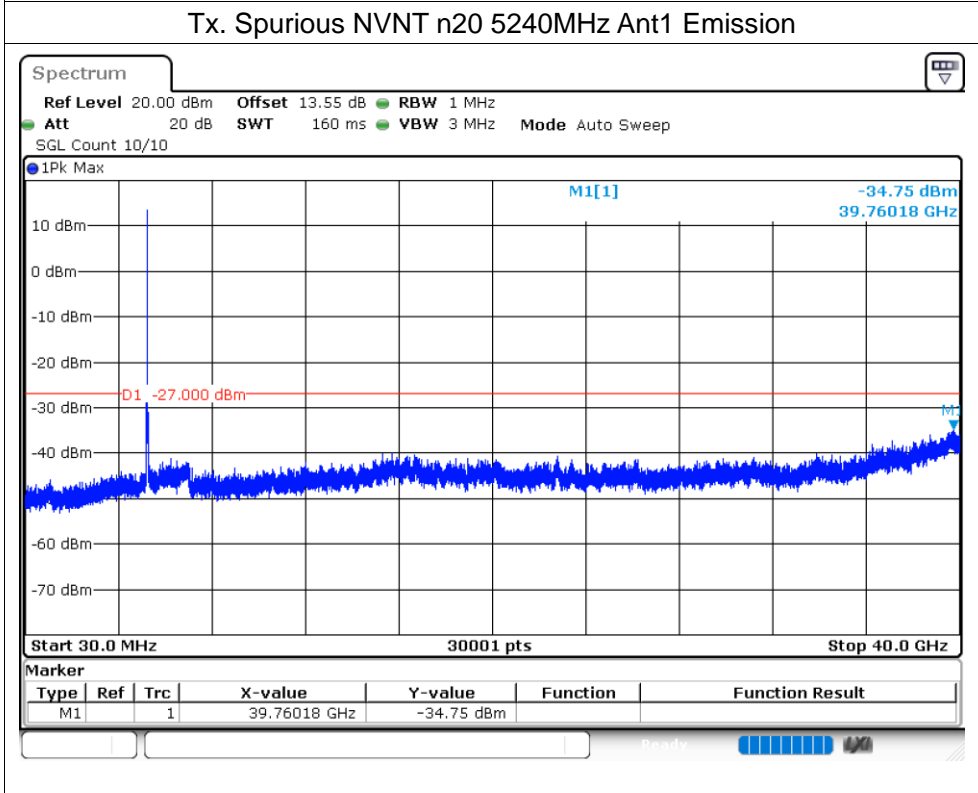
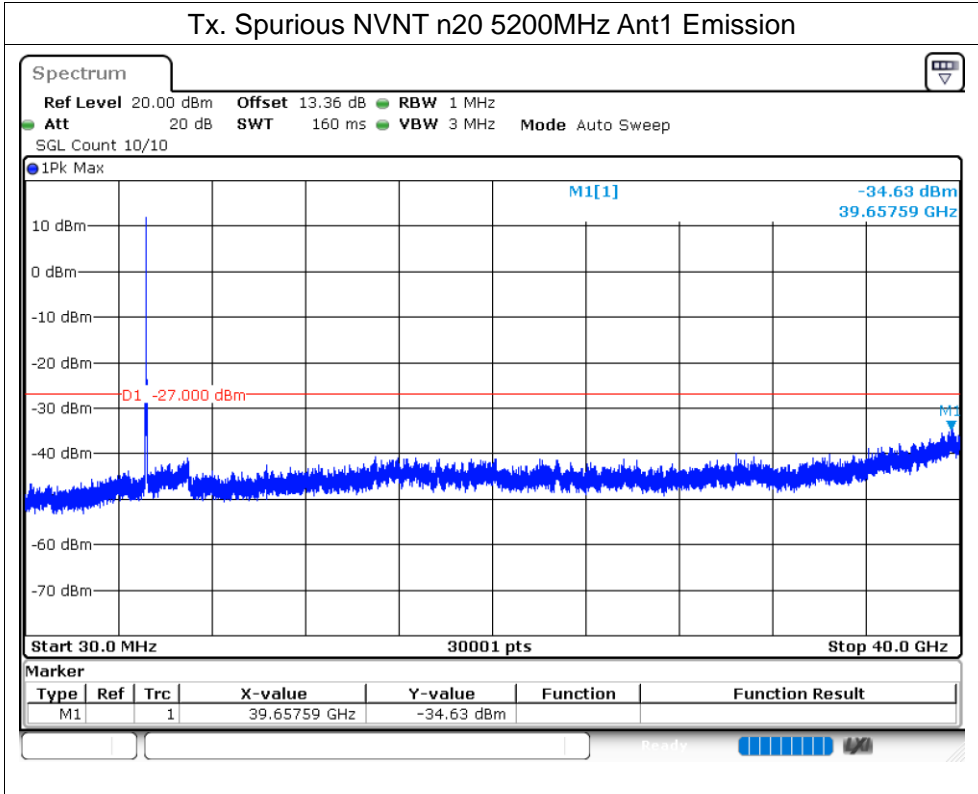
Tx. Spurious NVNT a 5180MHz Ant1 Emission

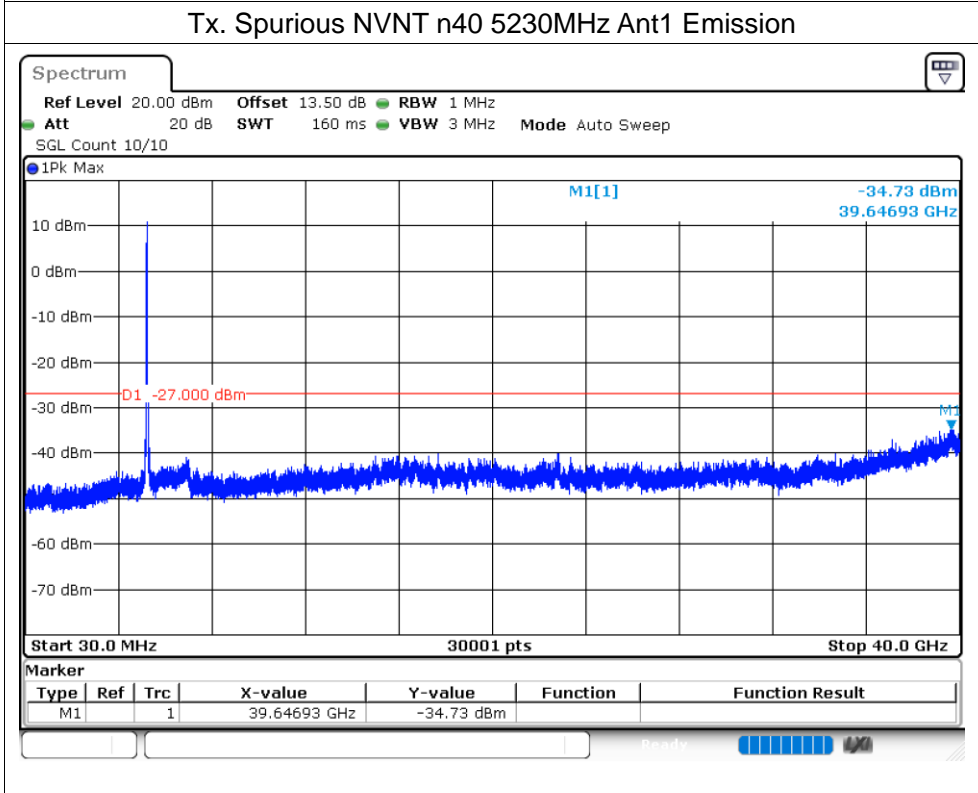
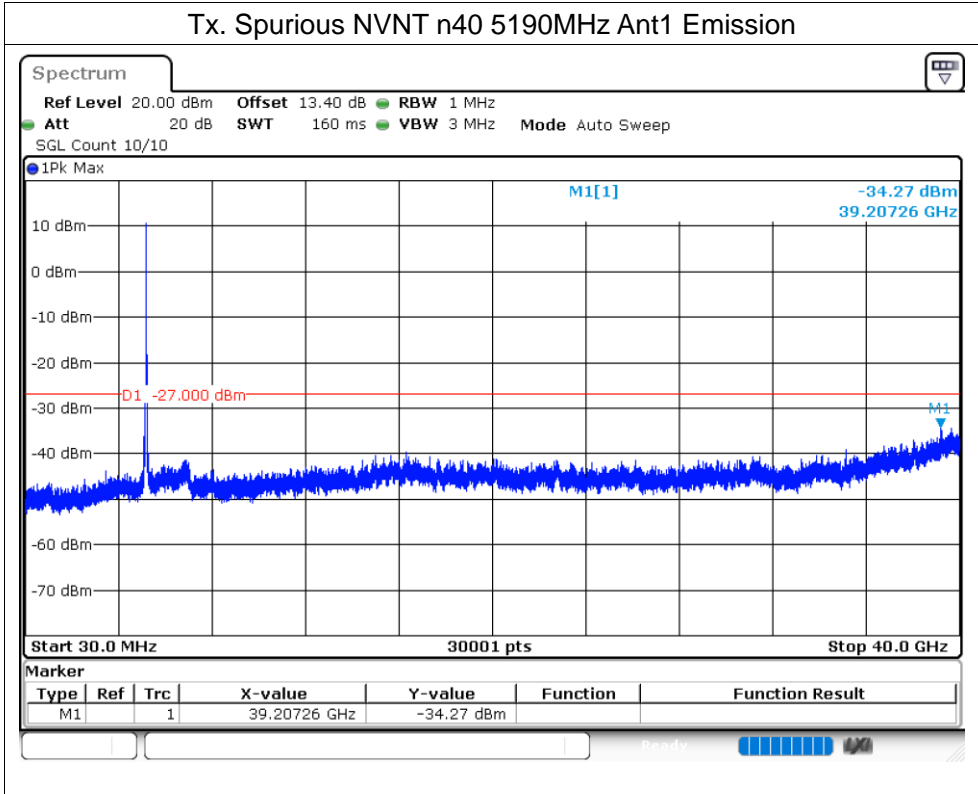


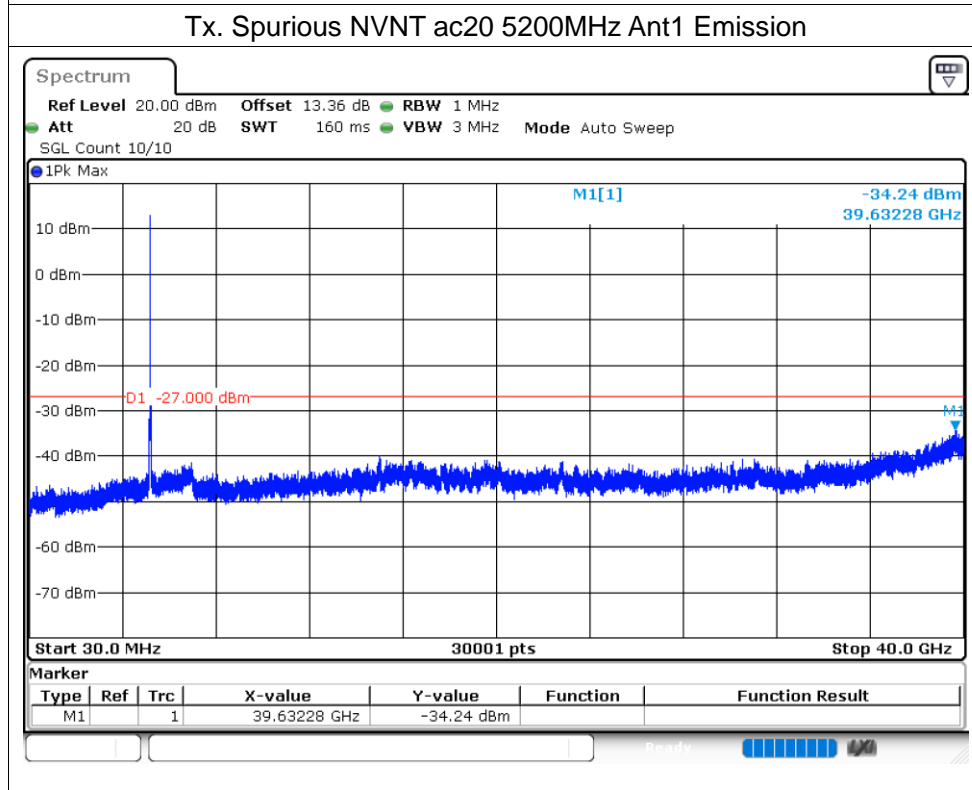
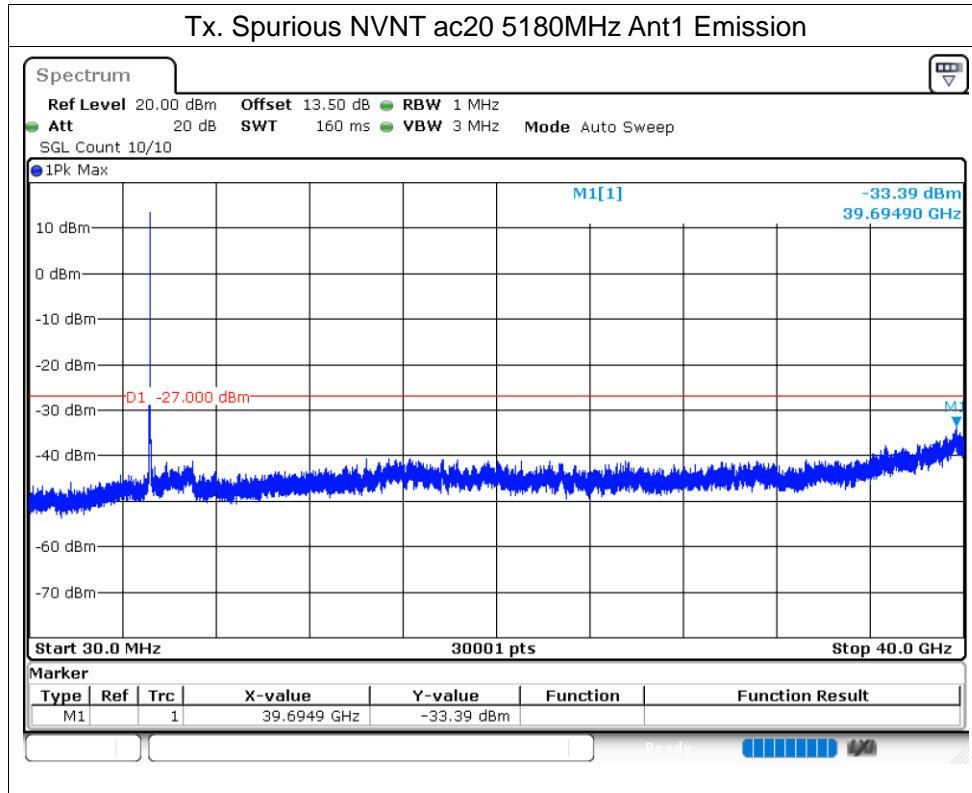
Tx. Spurious NVNT a 5200MHz Ant1 Emission

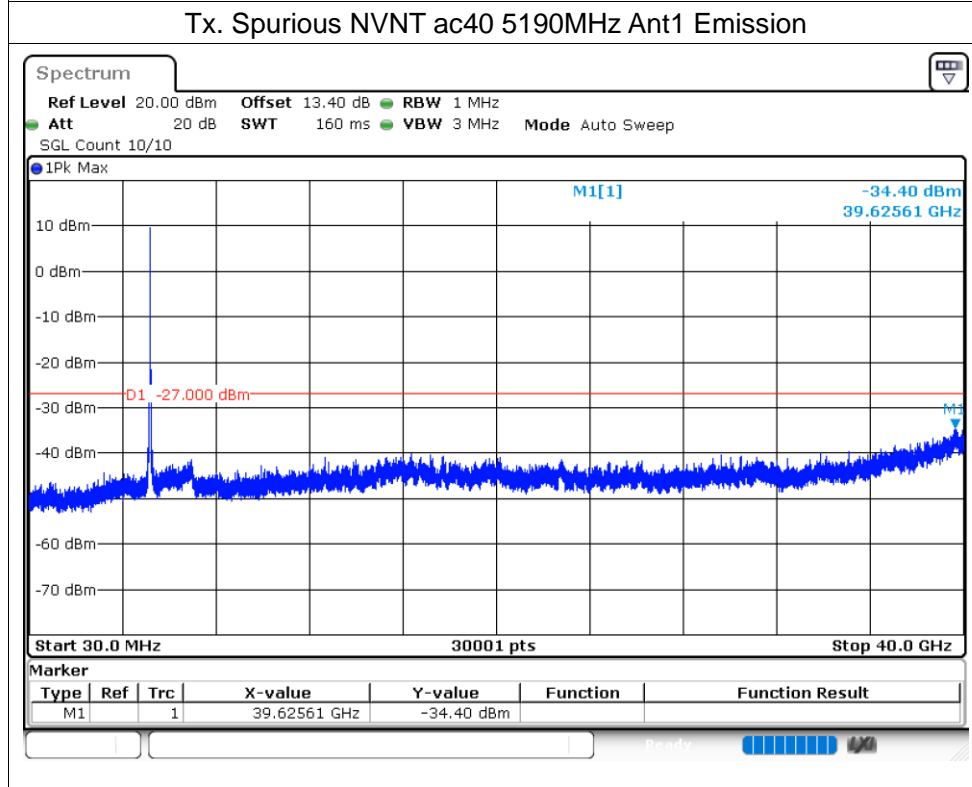
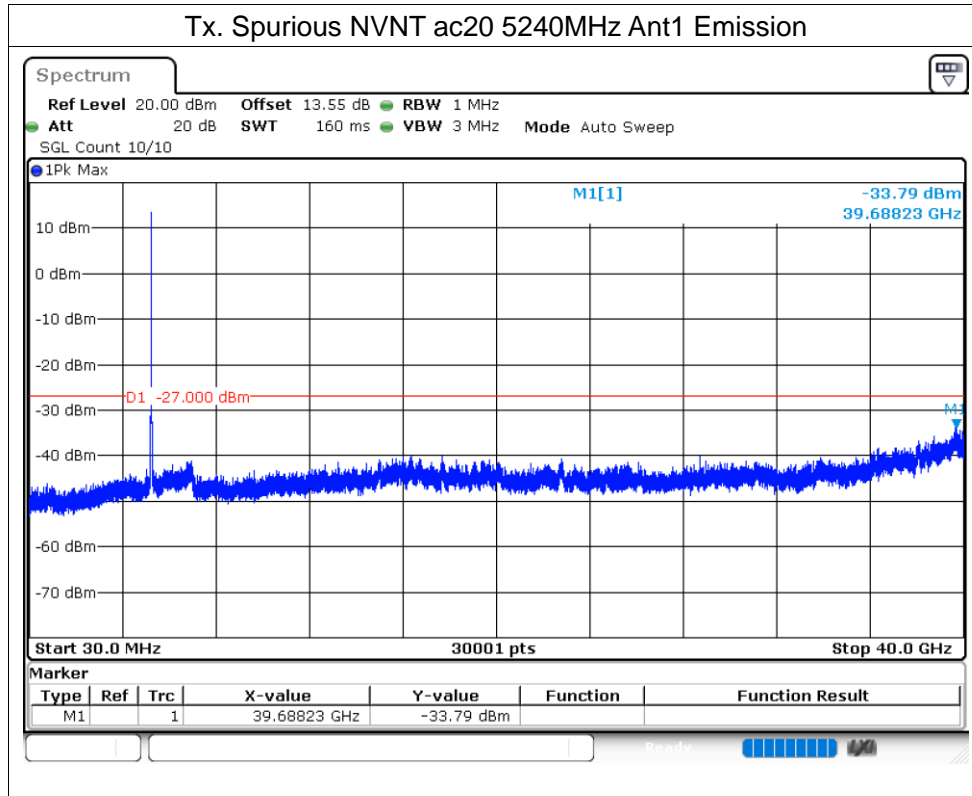


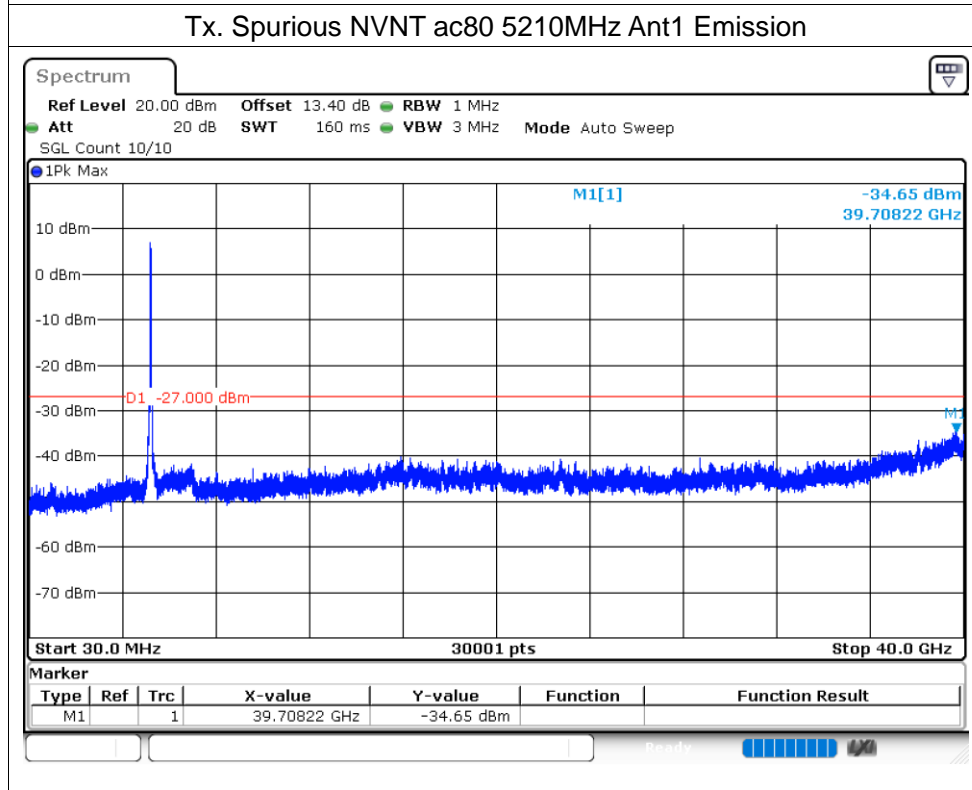
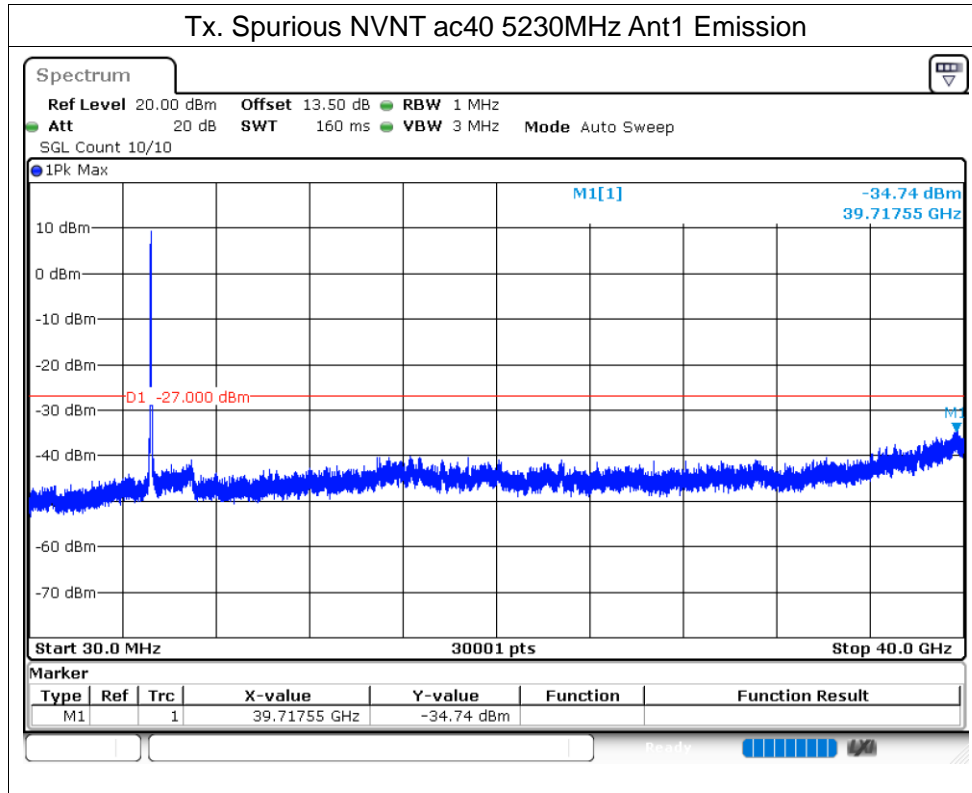










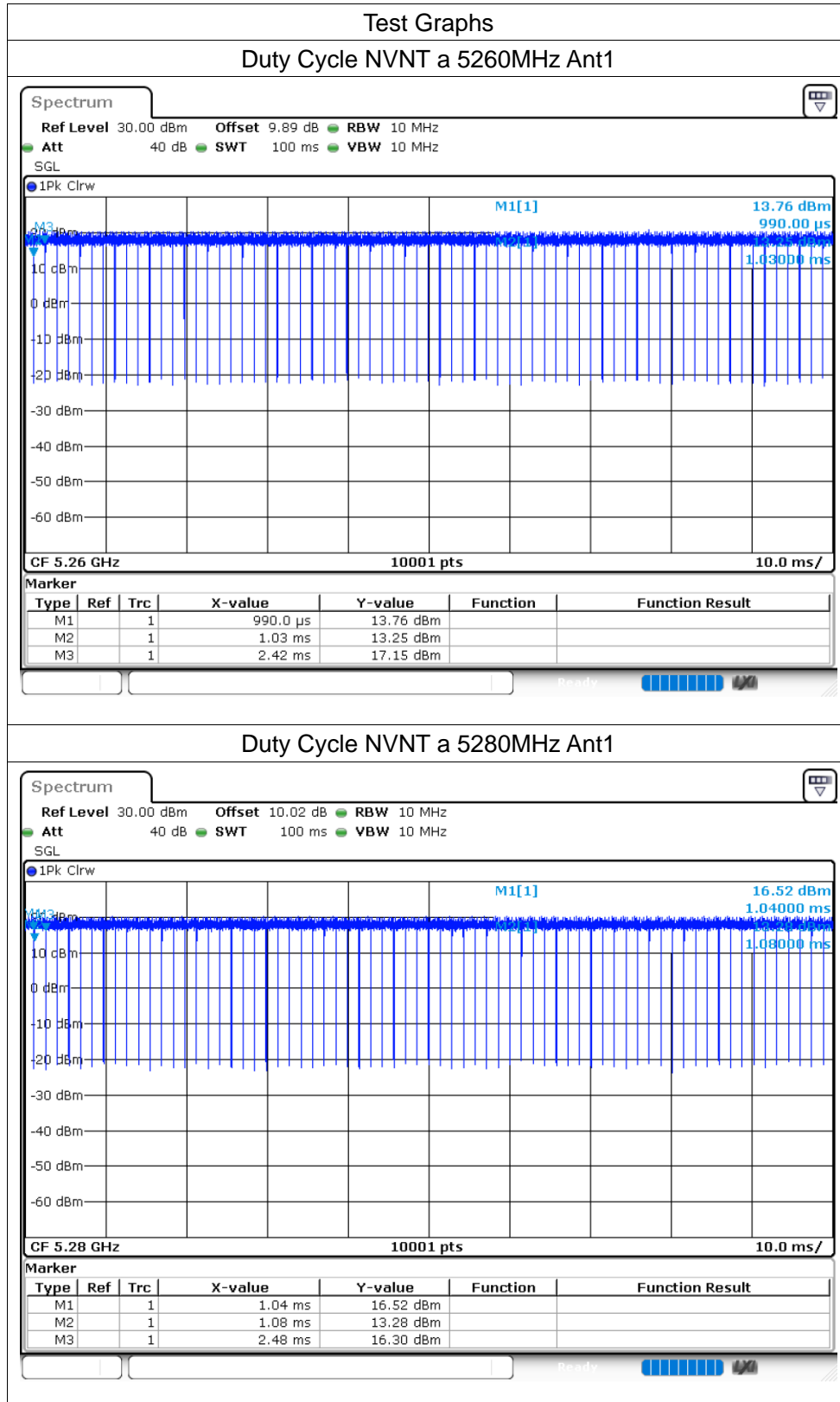


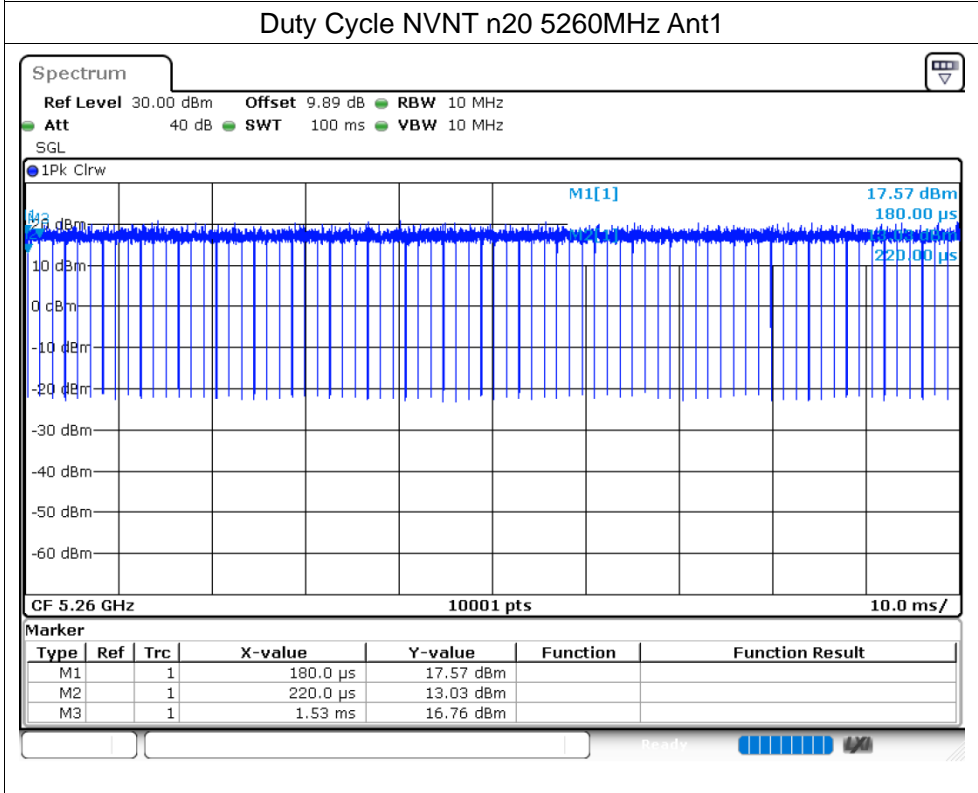
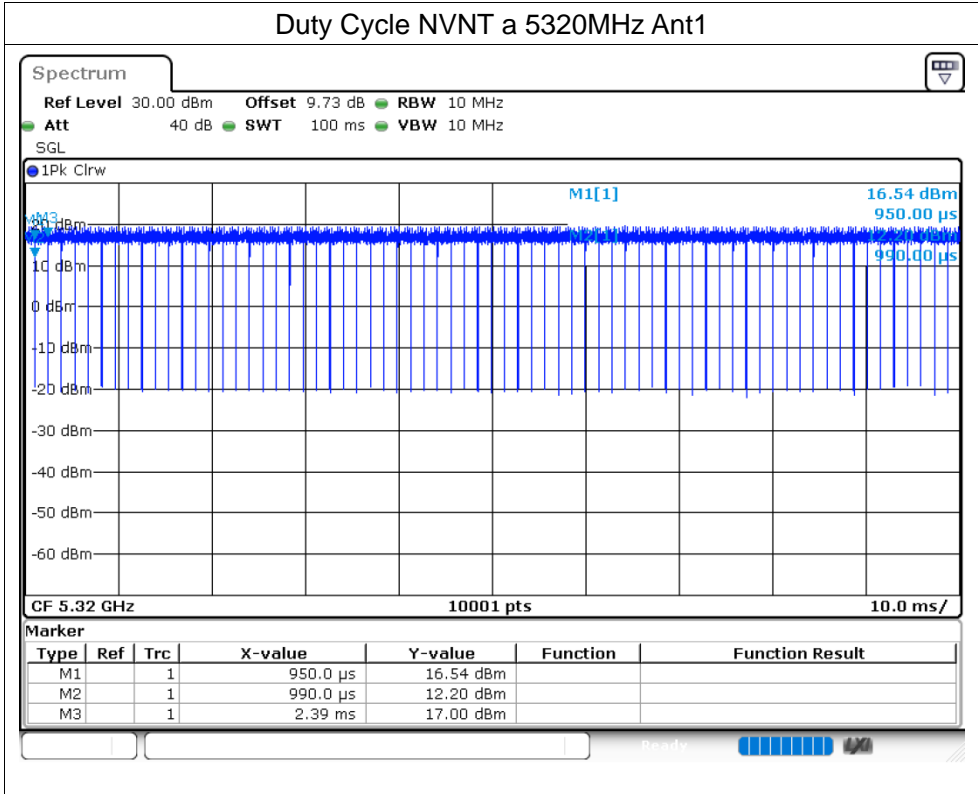


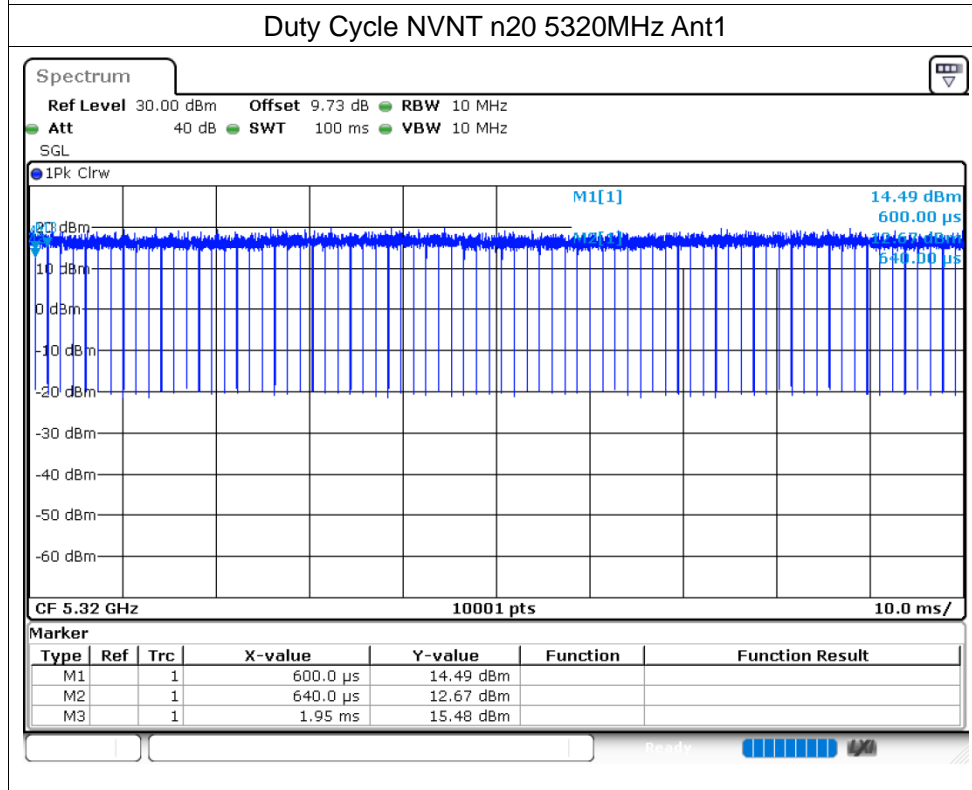
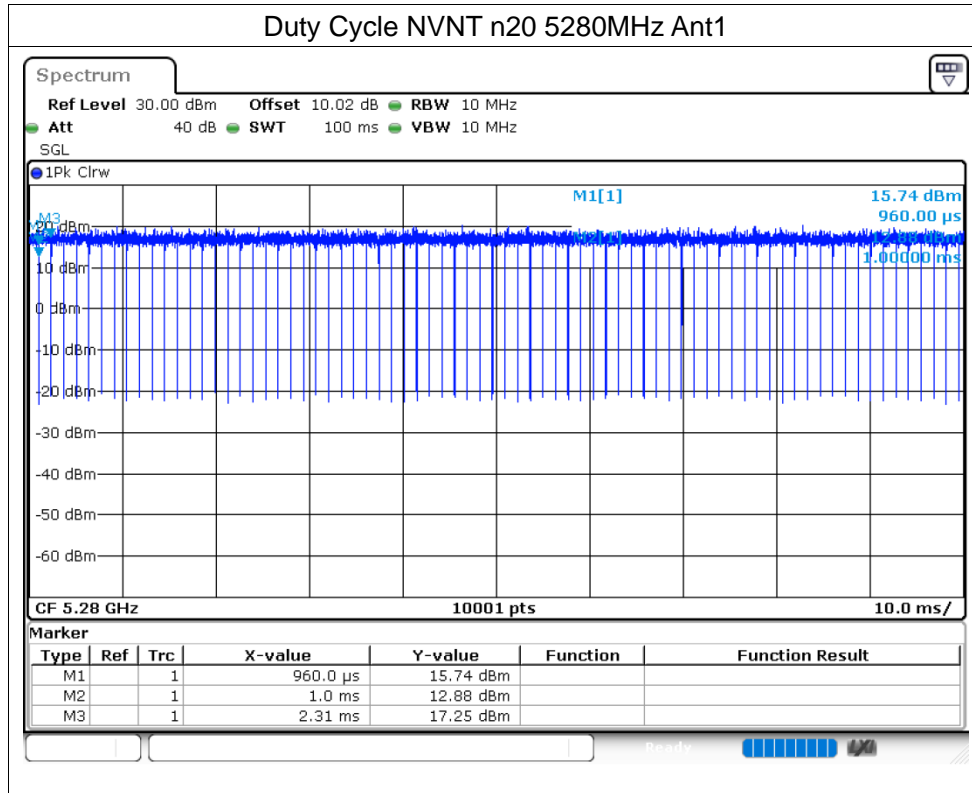
## 5.3G WIFI

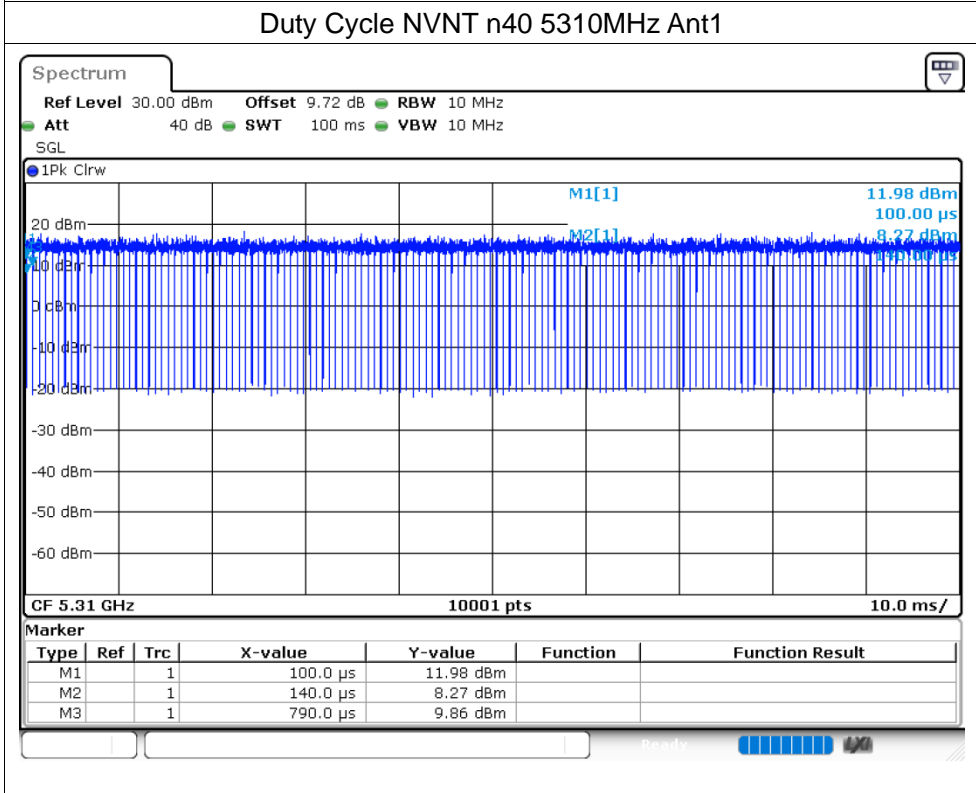
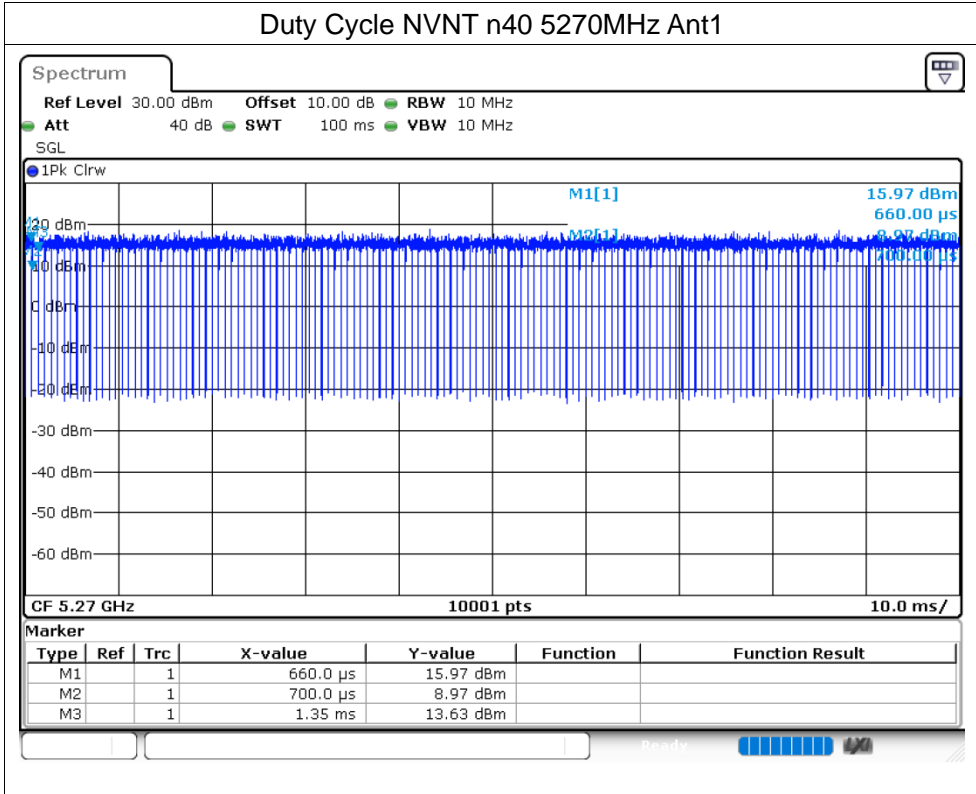
### Duty Cycle

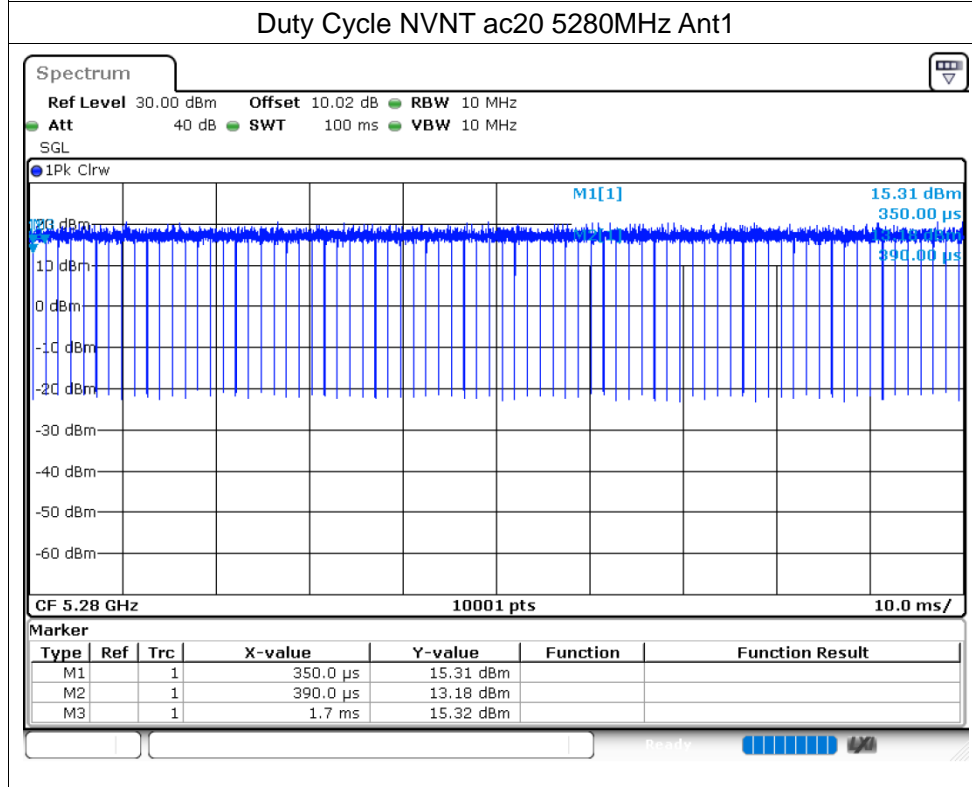
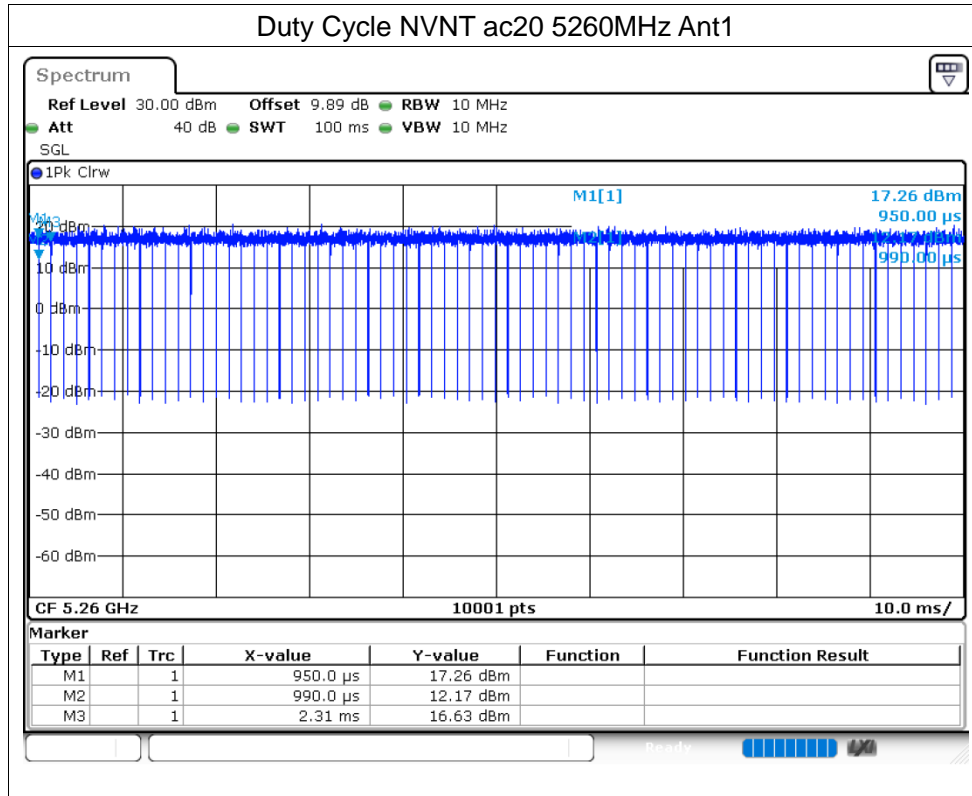
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	97.81	0.1	0.72
NVNT	a	5280	Ant1	97.82	0.1	0.71
NVNT	a	5320	Ant1	97.82	0.1	0.71
NVNT	n20	5260	Ant1	97.66	0.1	0.76
NVNT	n20	5280	Ant1	97.65	0.1	0.76
NVNT	n20	5320	Ant1	97.66	0.1	0.76
NVNT	n40	5270	Ant1	95.43	0.2	1.54
NVNT	n40	5310	Ant1	95.41	0.2	1.54
NVNT	ac20	5260	Ant1	97.66	0.1	0.76
NVNT	ac20	5280	Ant1	97.67	0.1	0.76
NVNT	ac20	5320	Ant1	97.75	0.1	0.76
NVNT	ac40	5270	Ant1	95.48	0.2	1.52
NVNT	ac40	5310	Ant1	95.35	0.21	1.54
NVNT	ac80	5290	Ant1	91.35	0.39	3.13

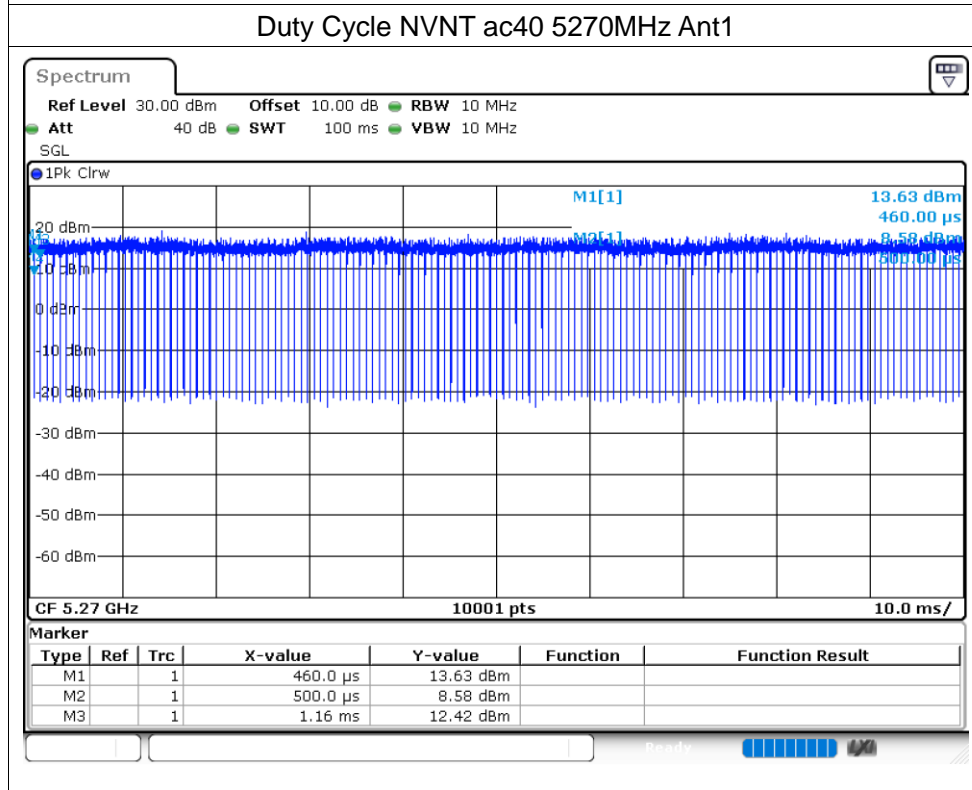
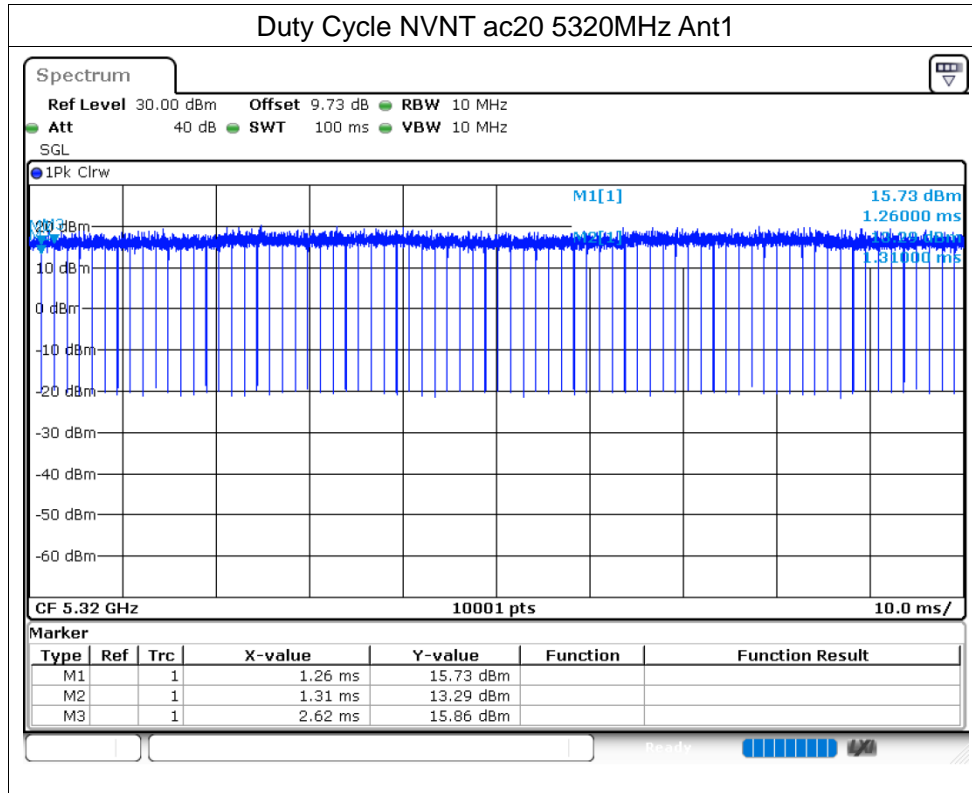
















## Maximum Conducted Output Power

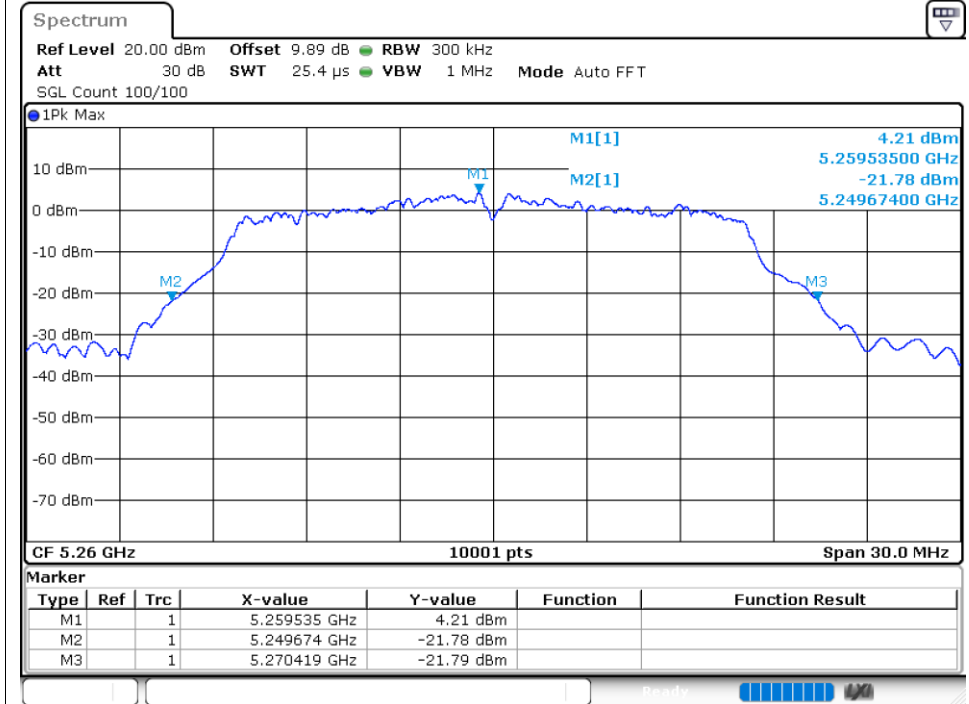
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	11.93	0.1	12.03	24	Pass
NVNT	a	5280	Ant1	11.3	0.1	11.4	24	Pass
NVNT	a	5320	Ant1	11.56	0.1	11.66	24	Pass
NVNT	n20	5260	Ant1	11.15	0.1	11.25	24	Pass
NVNT	n20	5280	Ant1	10.65	0.1	10.75	24	Pass
NVNT	n20	5320	Ant1	11.13	0.1	11.23	24	Pass
NVNT	n40	5270	Ant1	10.75	0.2	10.95	24	Pass
NVNT	n40	5310	Ant1	11.31	0.2	11.51	24	Pass
NVNT	ac20	5260	Ant1	11.28	0.1	11.38	24	Pass
NVNT	ac20	5280	Ant1	10.76	0.1	10.86	24	Pass
NVNT	ac20	5320	Ant1	11.16	0.1	11.26	24	Pass
NVNT	ac40	5270	Ant1	10.6	0.2	10.8	24	Pass
NVNT	ac40	5310	Ant1	11.2	0.21	11.41	24	Pass
NVNT	ac80	5290	Ant1	10.89	0.39	11.28	24	Pass

## -26dB Bandwidth

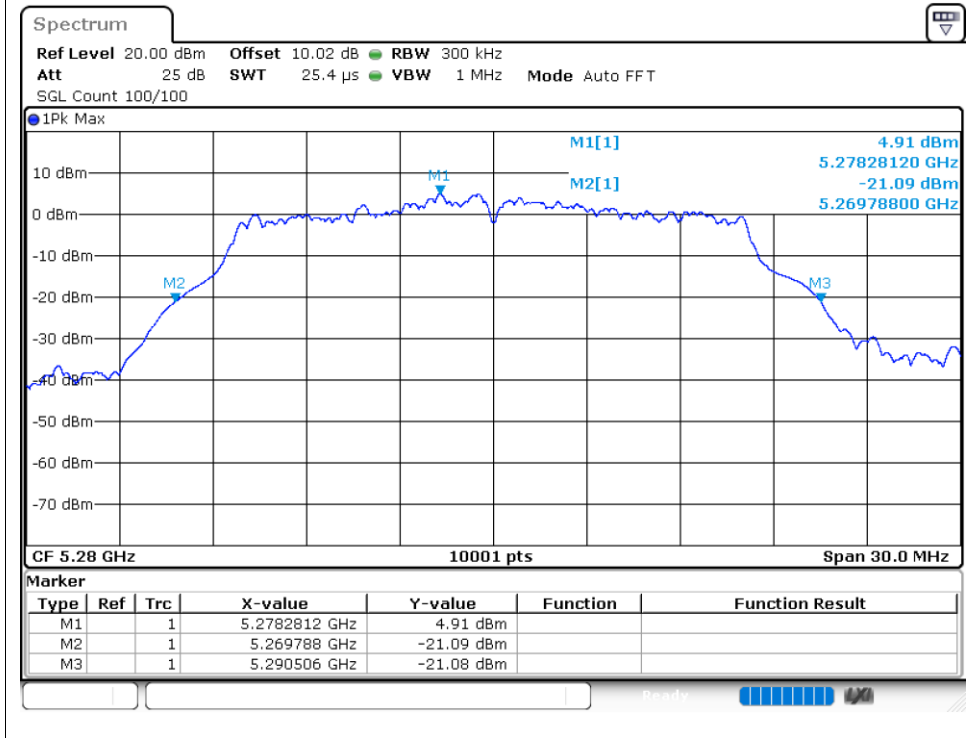
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	20.745	Pass
NVNT	a	5280	Ant1	20.718	Pass
NVNT	a	5320	Ant1	21.039	Pass
NVNT	n20	5260	Ant1	21.102	Pass
NVNT	n20	5280	Ant1	21.165	Pass
NVNT	n20	5320	Ant1	21.447	Pass
NVNT	n40	5270	Ant1	40.92	Pass
NVNT	n40	5310	Ant1	39.762	Pass
NVNT	ac20	5260	Ant1	21.231	Pass
NVNT	ac20	5280	Ant1	21.39	Pass
NVNT	ac20	5320	Ant1	20.835	Pass
NVNT	ac40	5270	Ant1	39.972	Pass
NVNT	ac40	5310	Ant1	39.822	Pass
NVNT	ac80	5290	Ant1	81.156	Pass

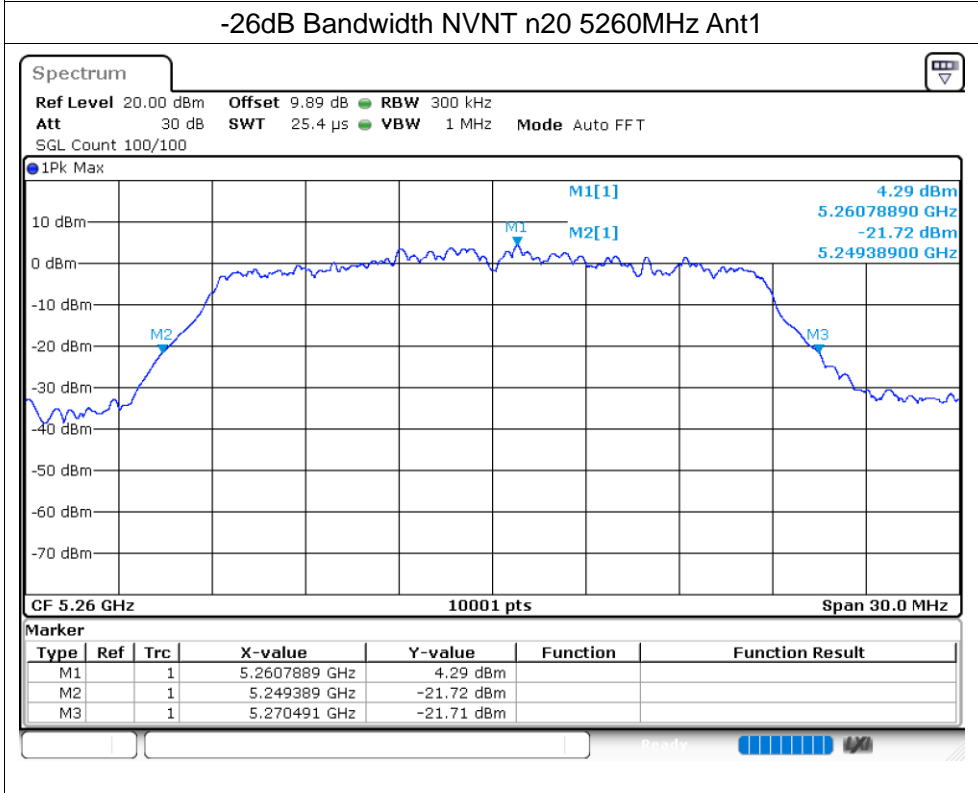
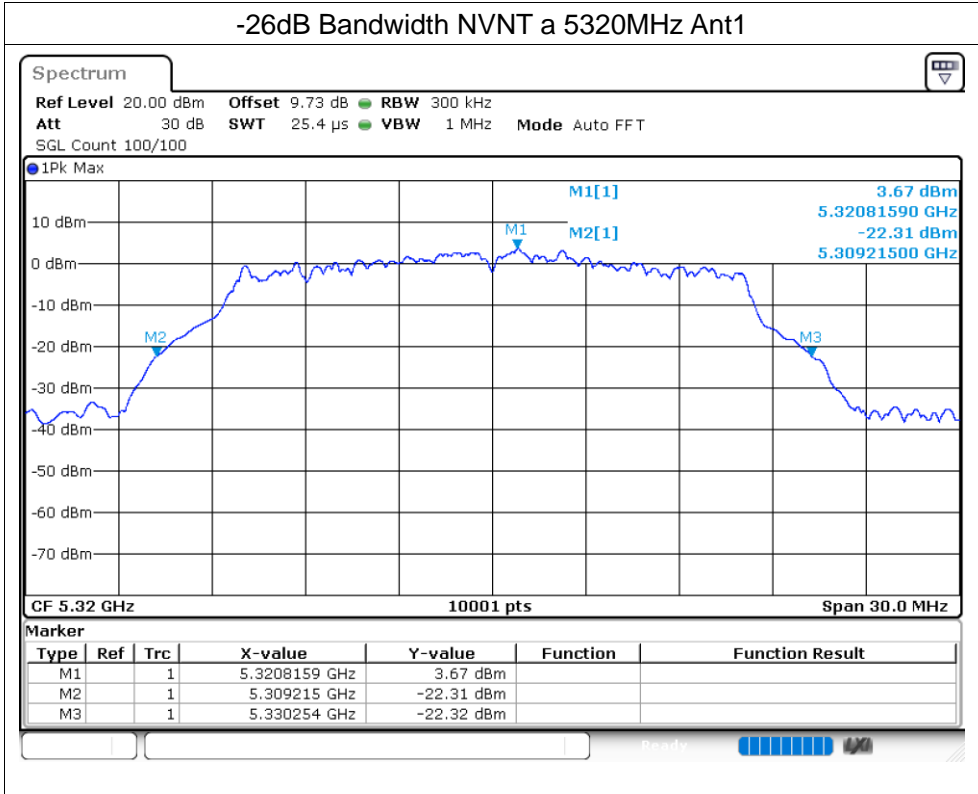
Test Graphs

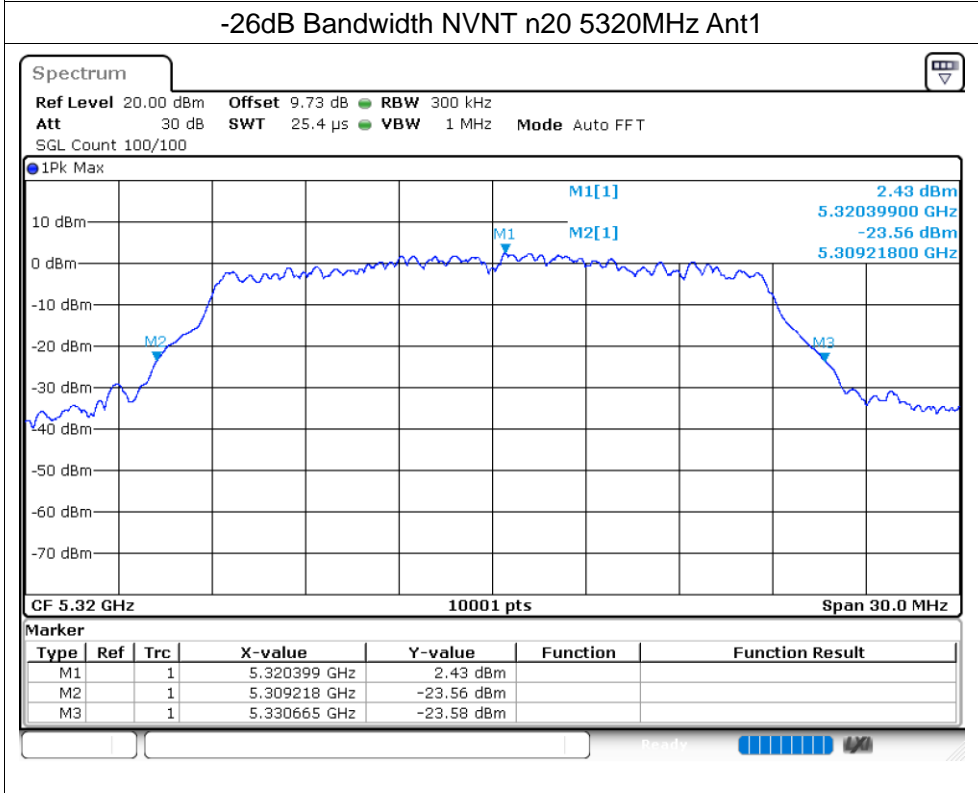
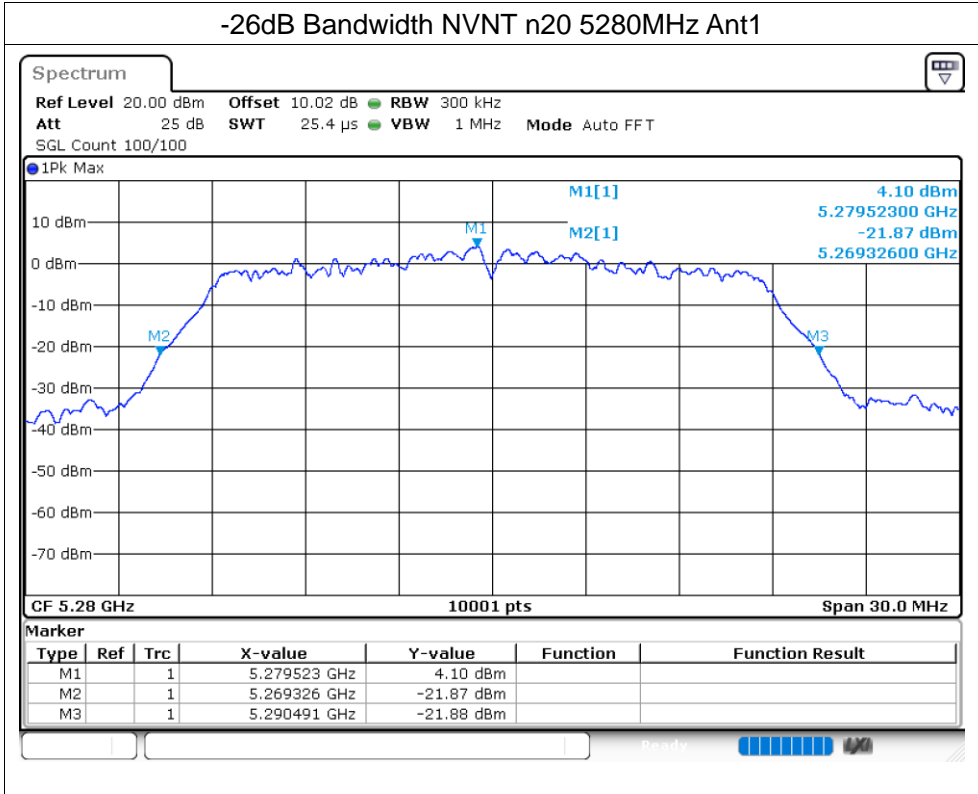
-26dB Bandwidth NVNT a 5260MHz Ant1

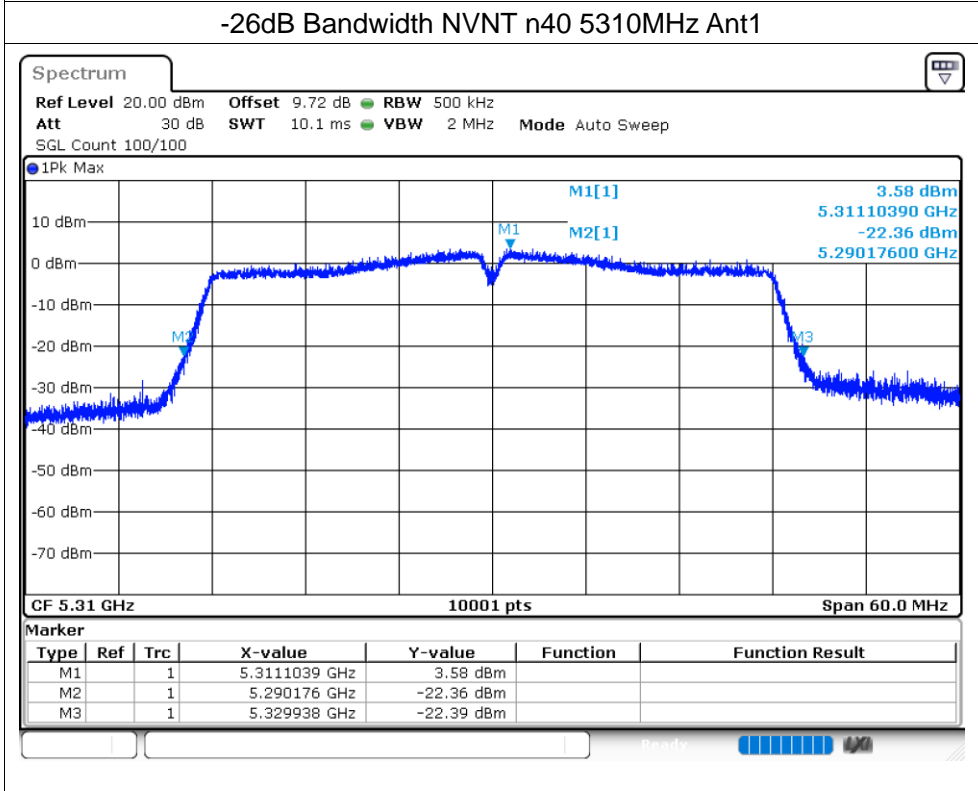
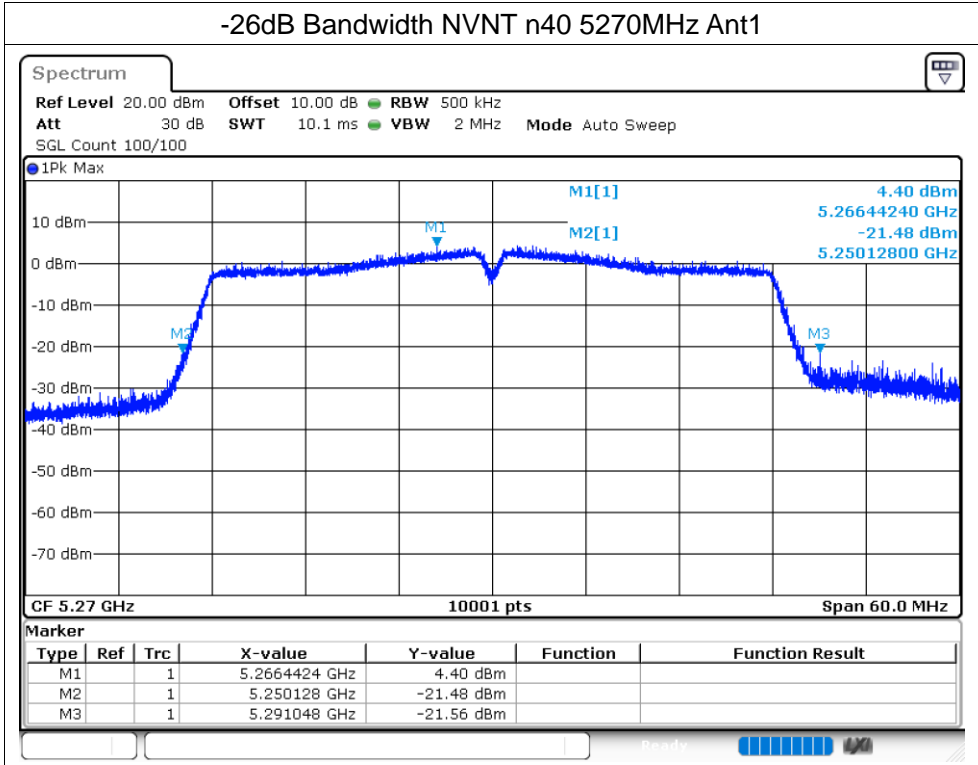


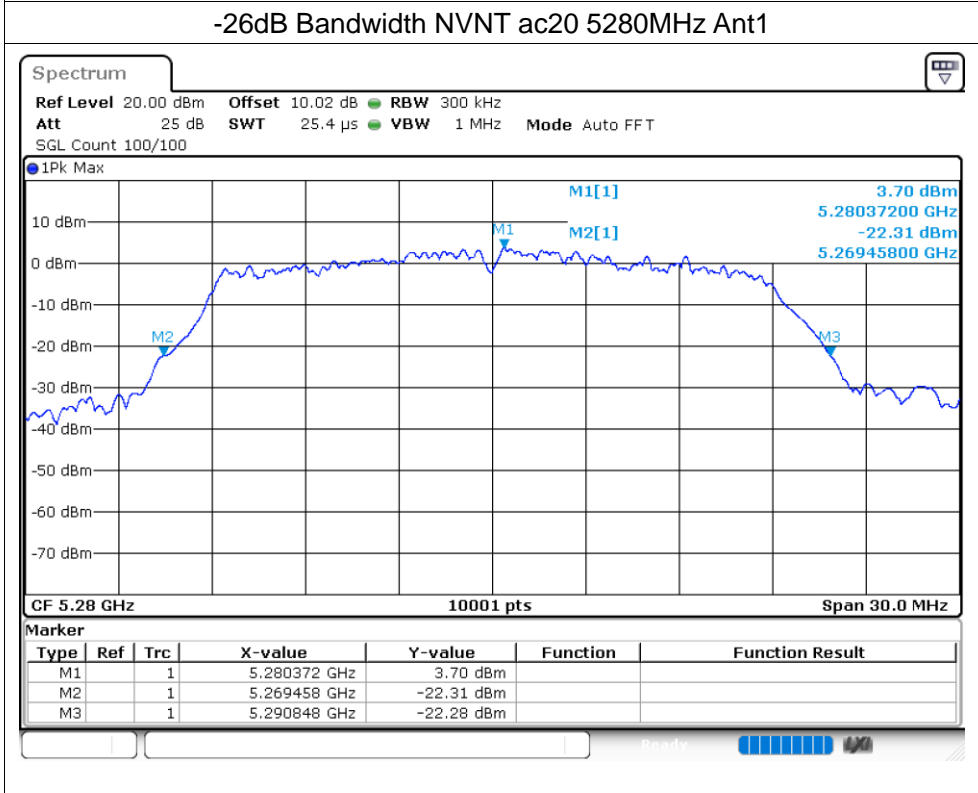
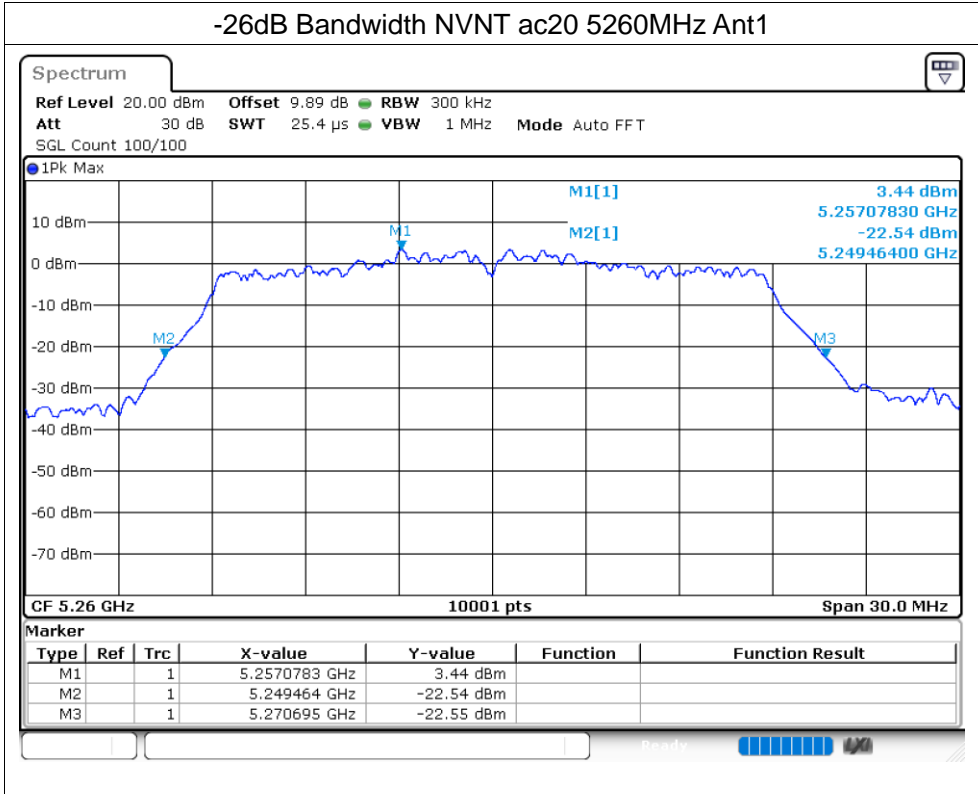
-26dB Bandwidth NVNT a 5280MHz Ant1

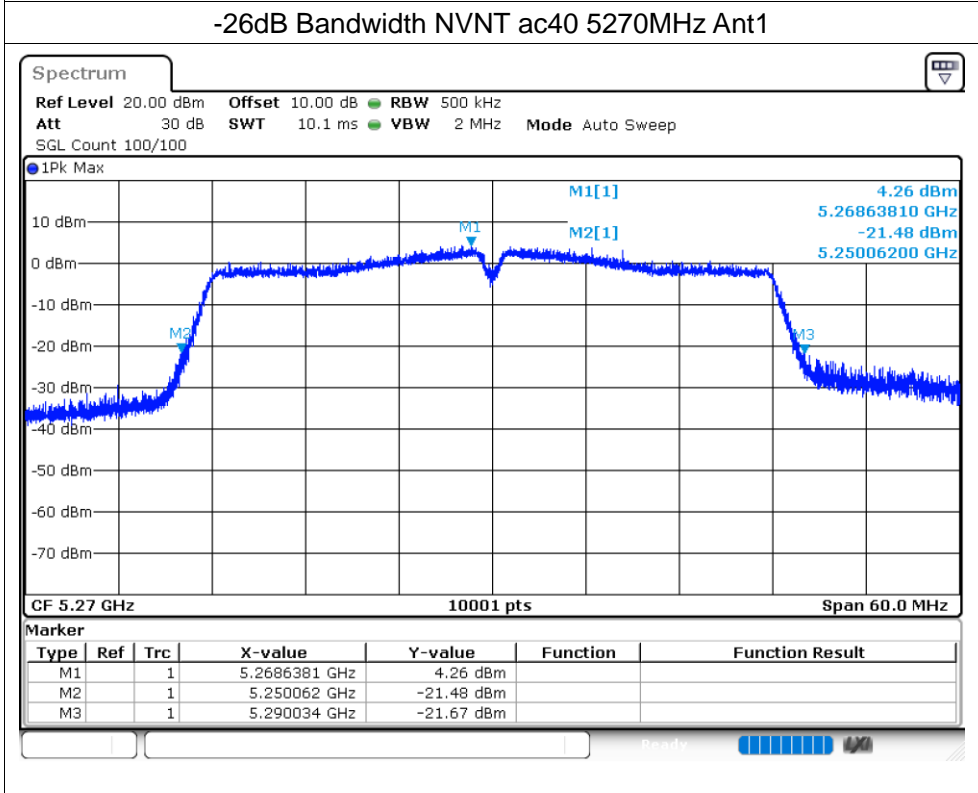
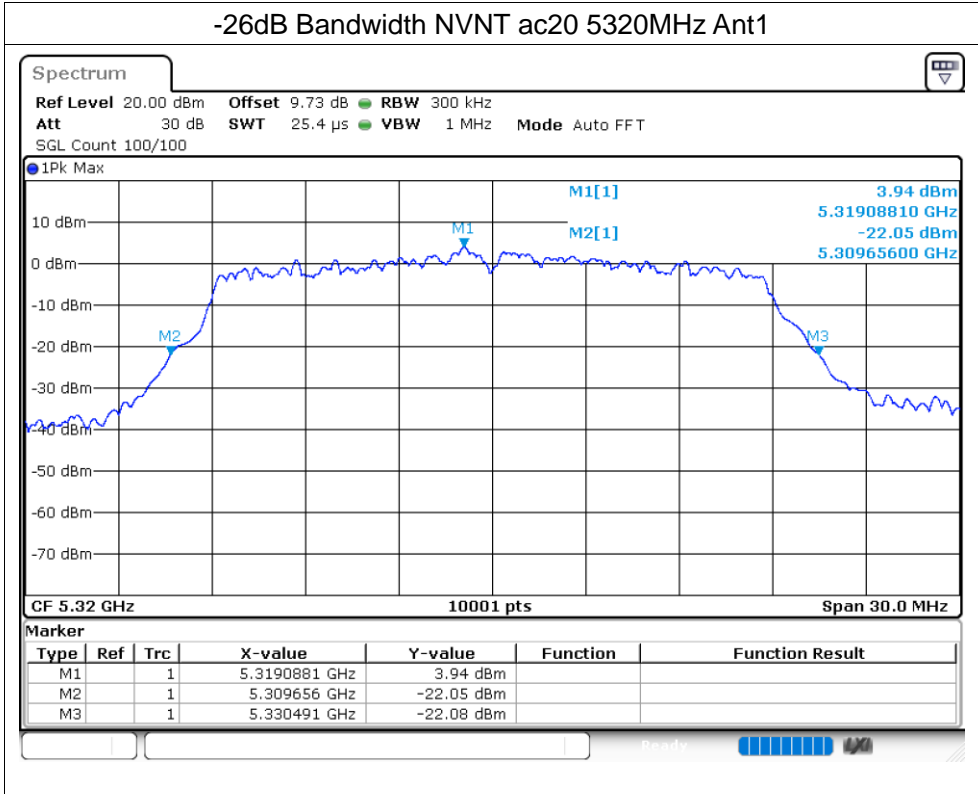




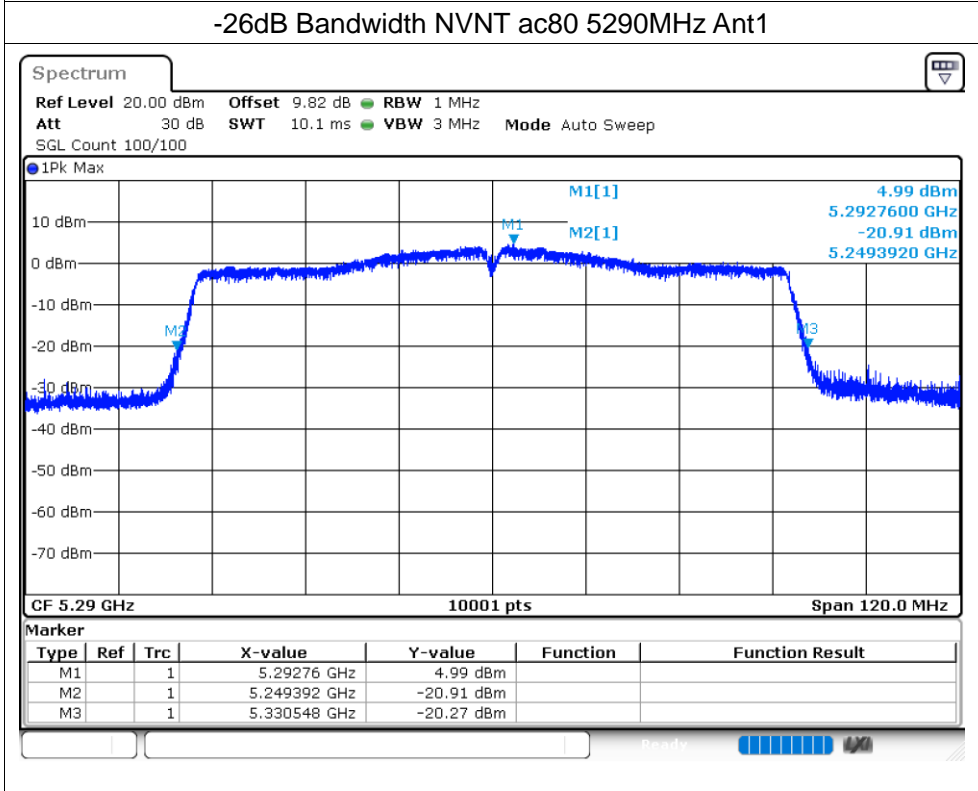
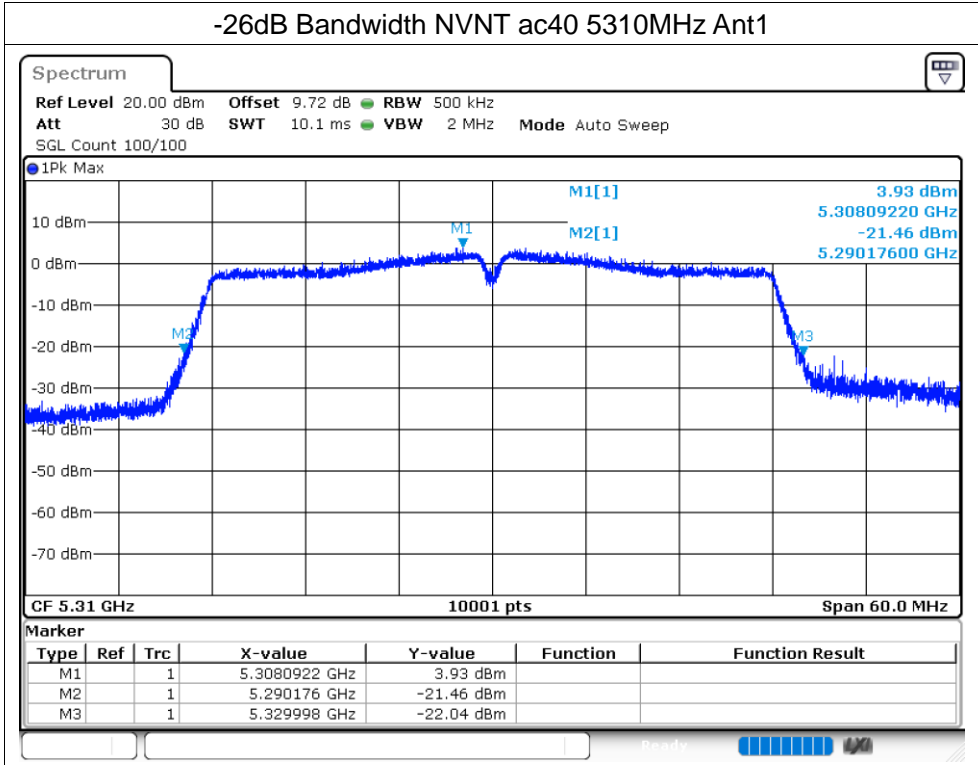










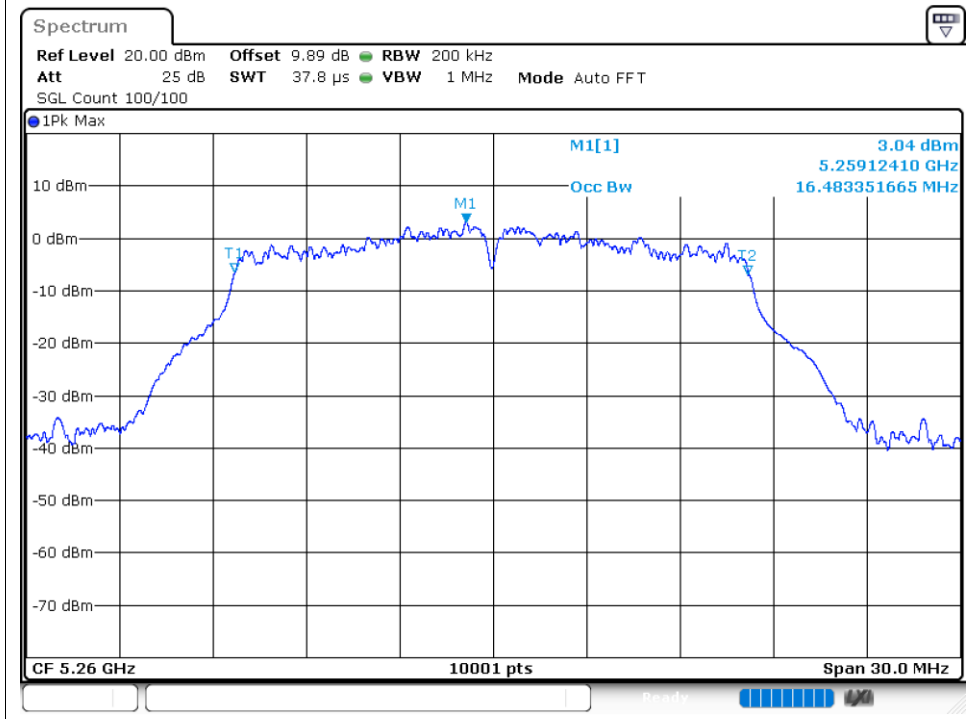


## Occupied Channel Bandwidth

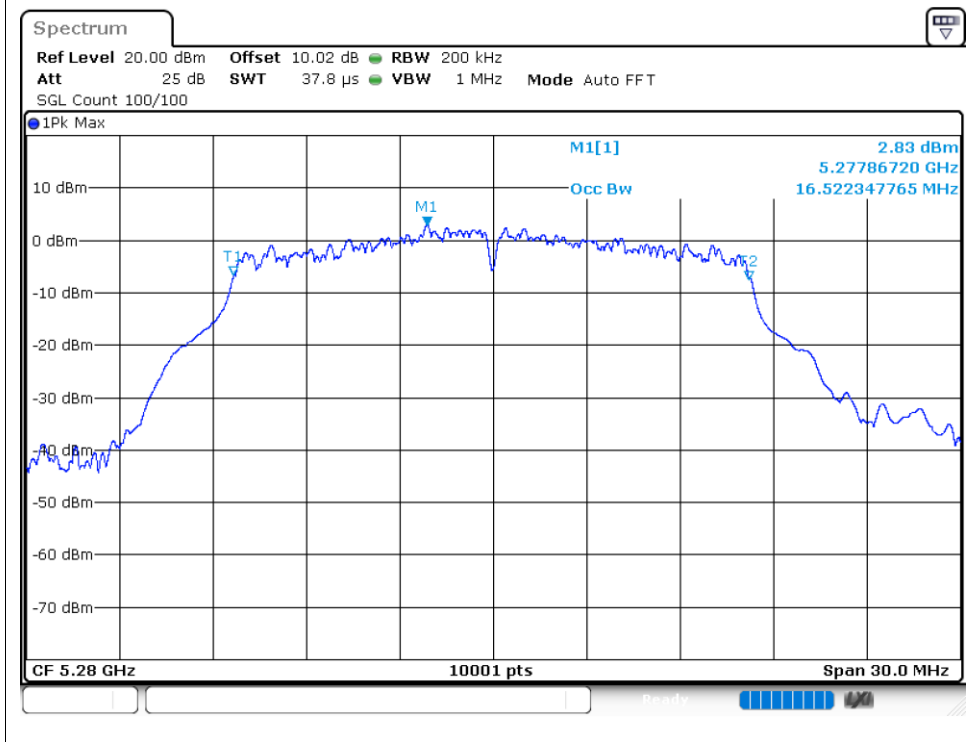
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.483
NVNT	a	5280	Ant1	16.522
NVNT	a	5320	Ant1	16.612
NVNT	n20	5260	Ant1	17.647
NVNT	n20	5280	Ant1	17.59
NVNT	n20	5320	Ant1	17.623
NVNT	n40	5270	Ant1	36.122
NVNT	n40	5310	Ant1	36.146
NVNT	ac20	5260	Ant1	17.584
NVNT	ac20	5280	Ant1	17.758
NVNT	ac20	5320	Ant1	17.794
NVNT	ac40	5270	Ant1	36.122
NVNT	ac40	5310	Ant1	36.14
NVNT	ac80	5290	Ant1	75.268

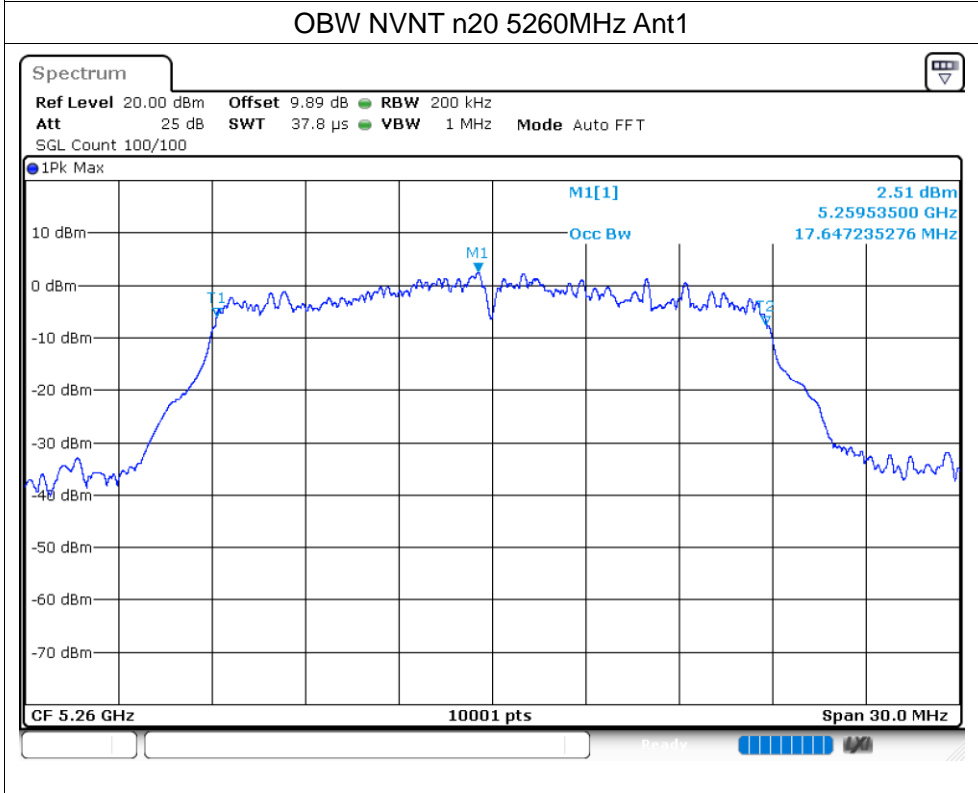
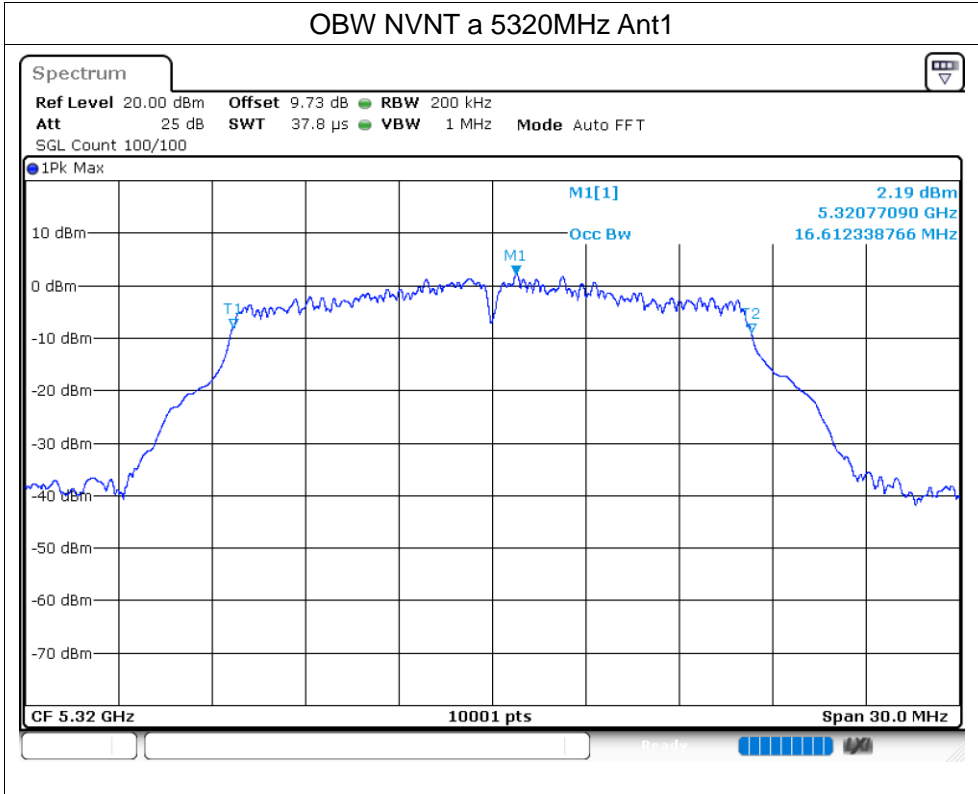
Test Graphs

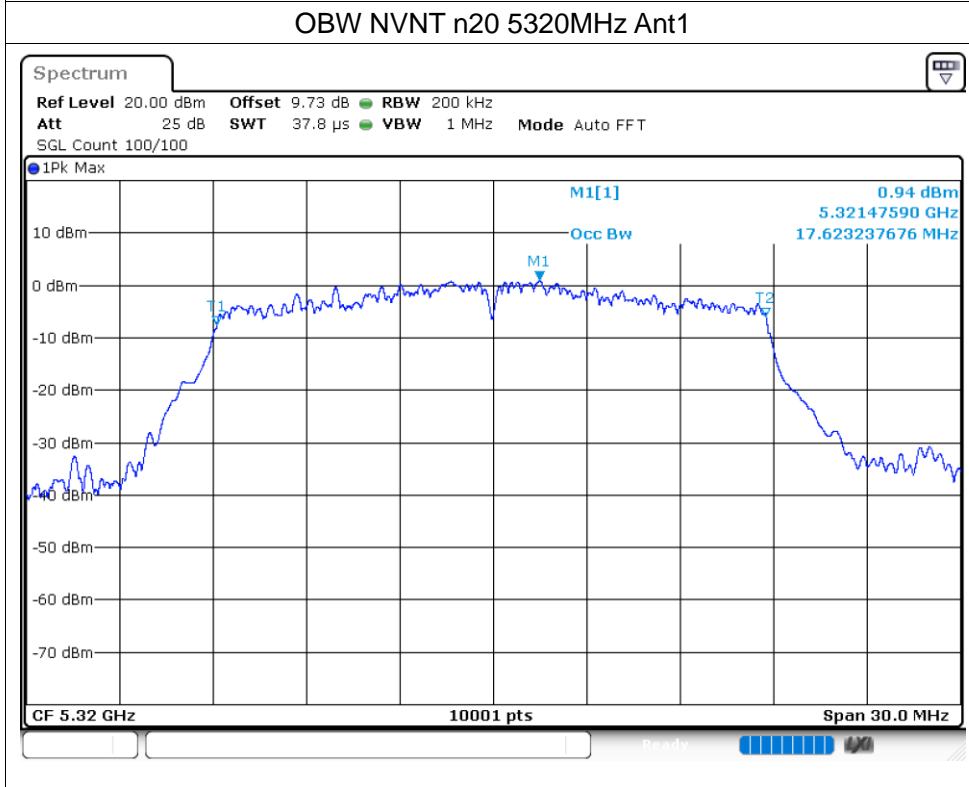
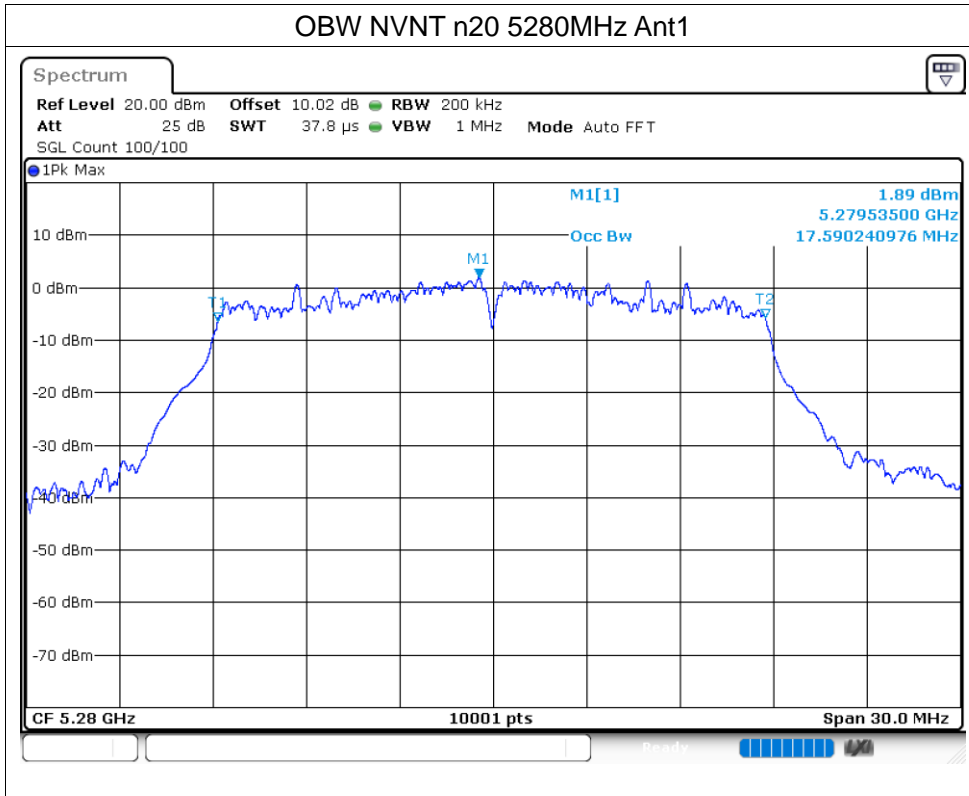
OBW NVNT a 5260MHz Ant1

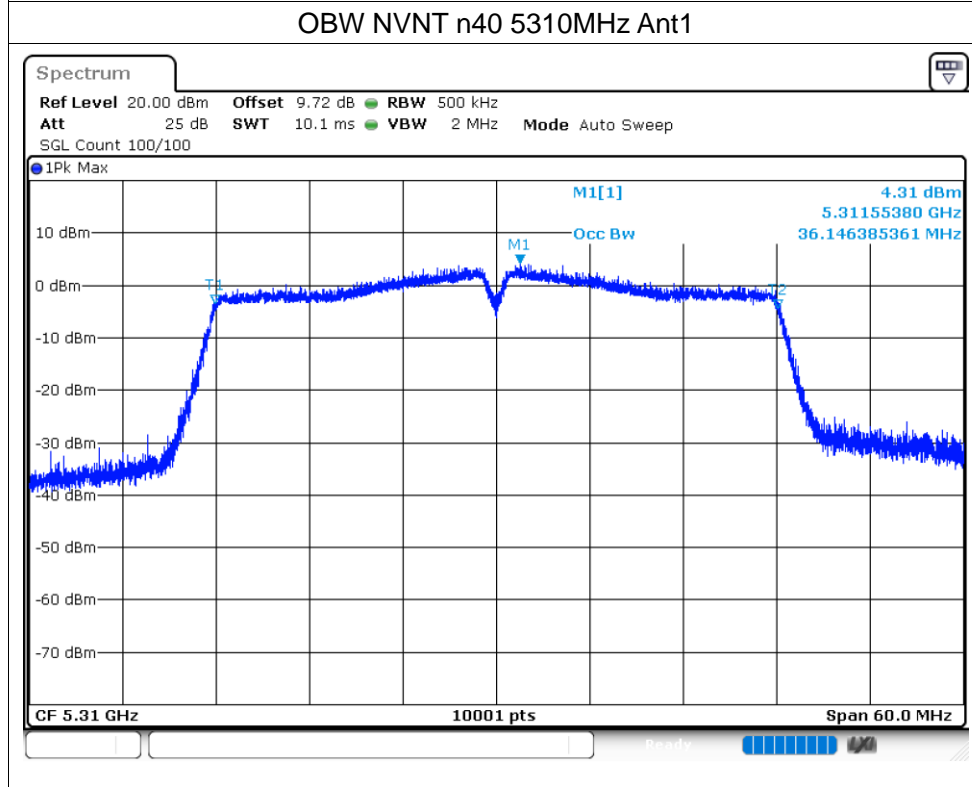
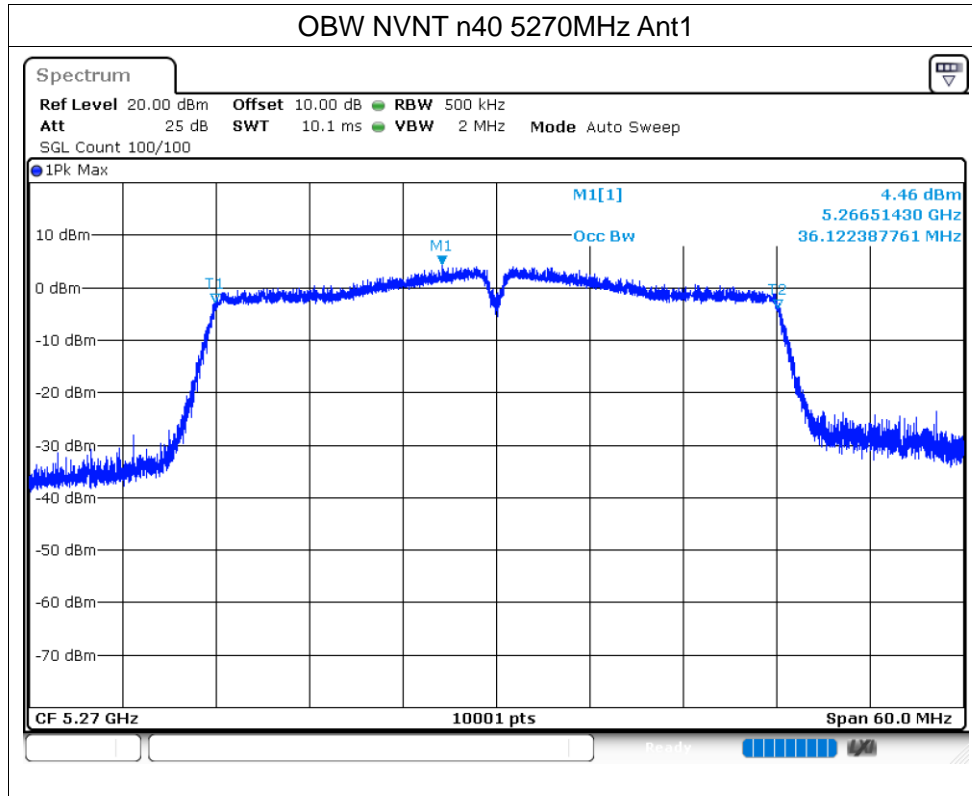


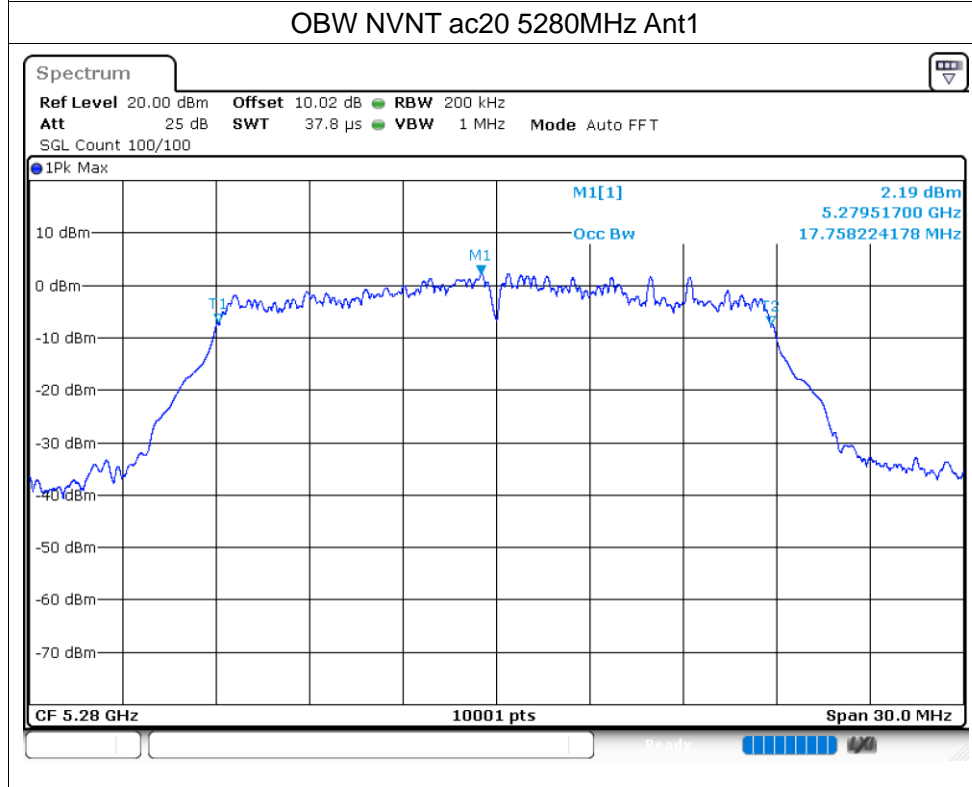
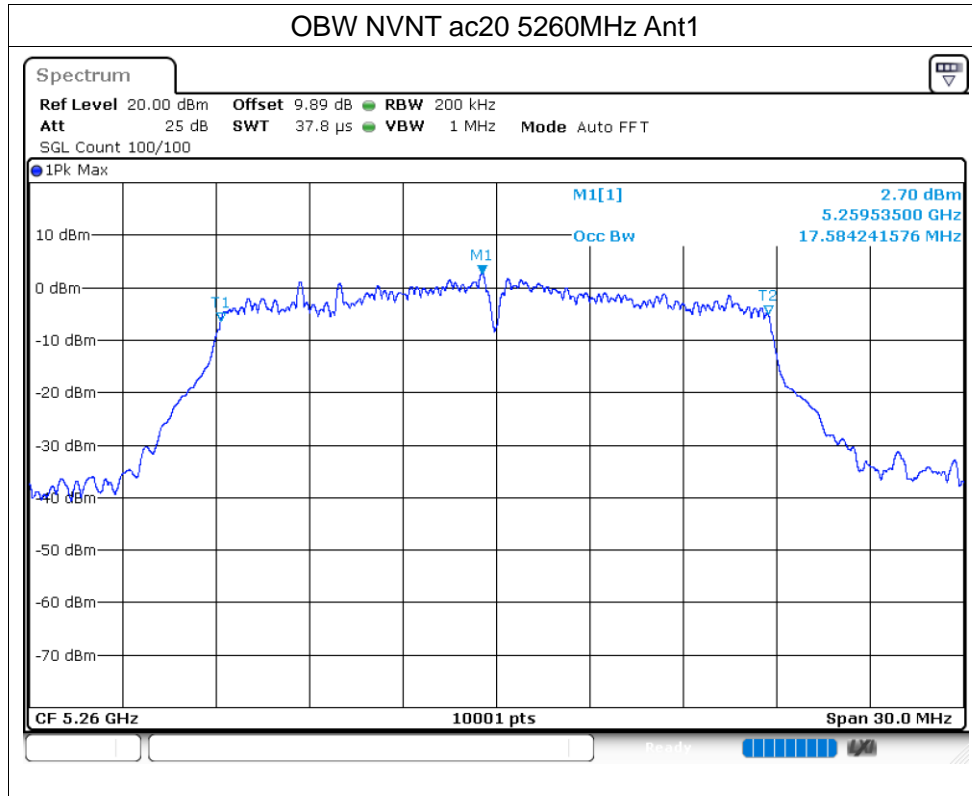
OBW NVNT a 5280MHz Ant1

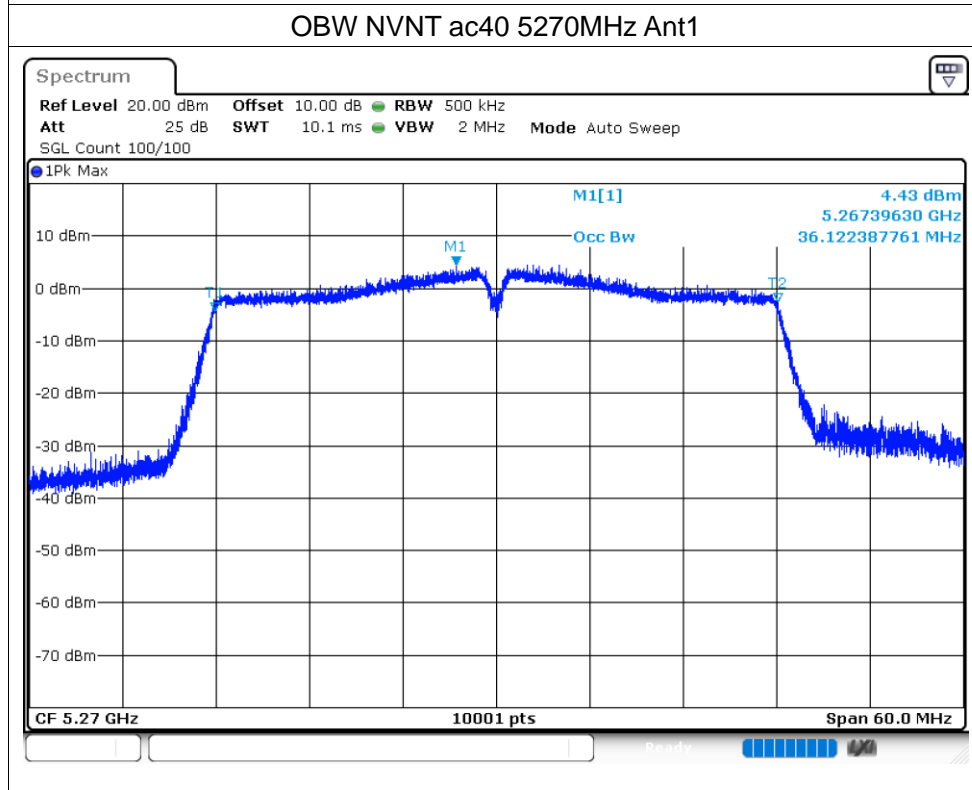
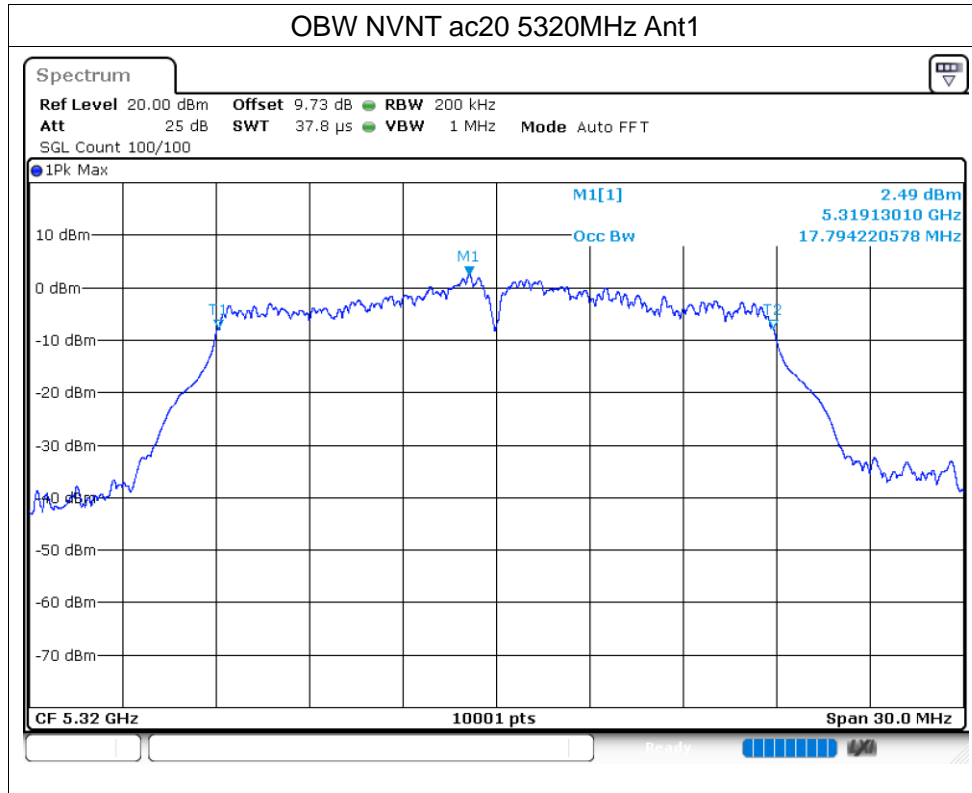




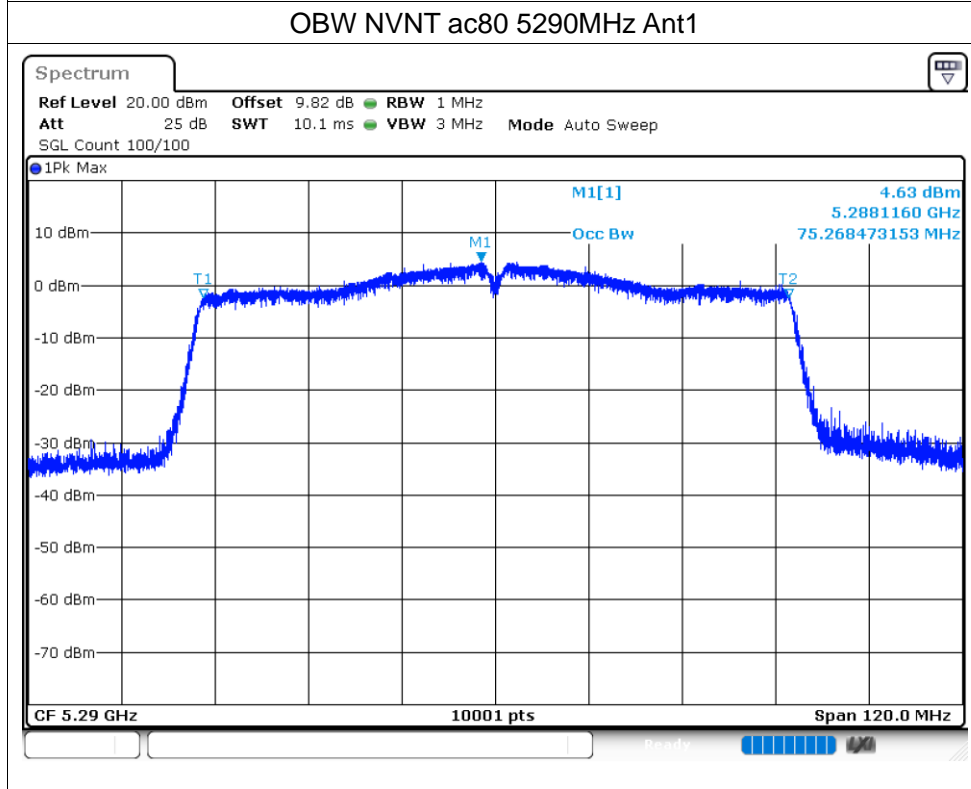
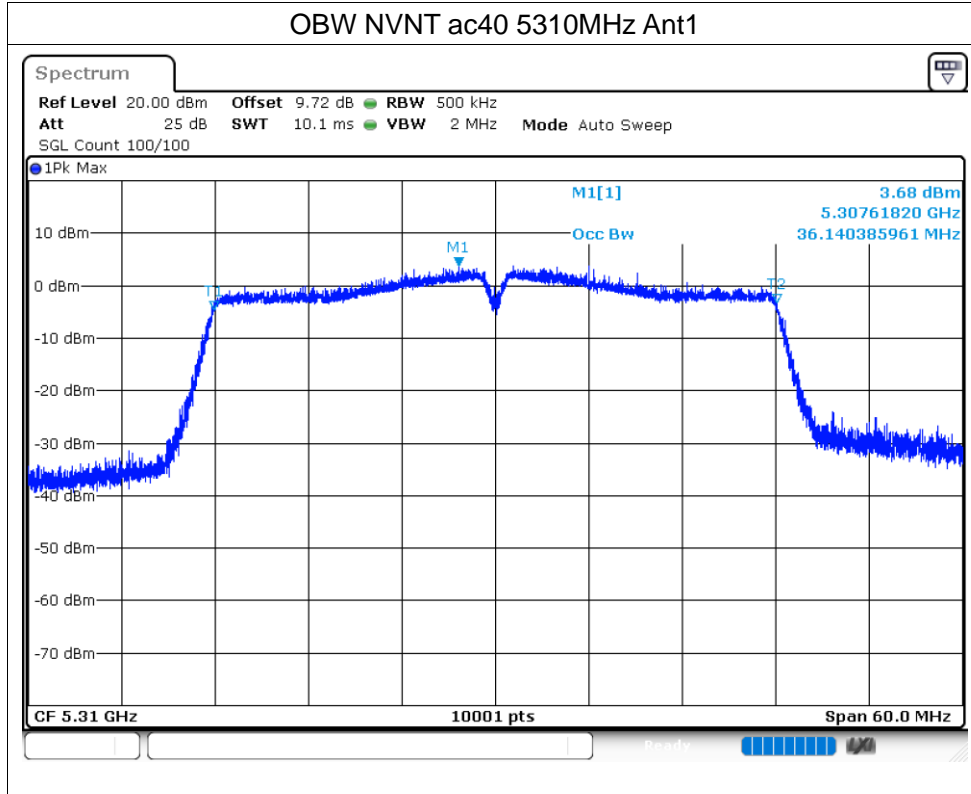










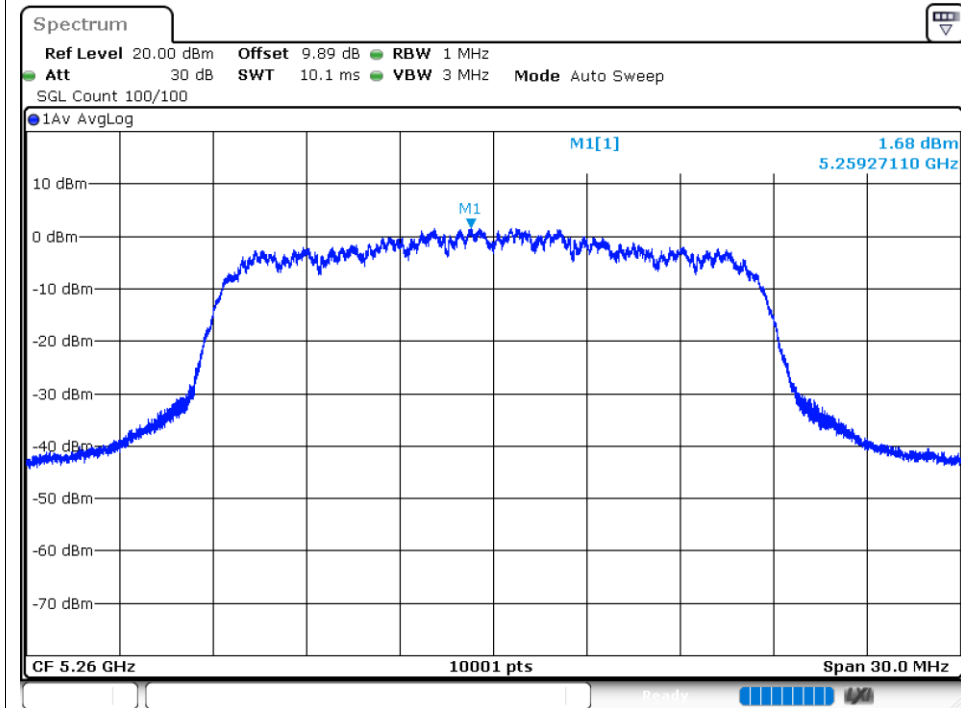


## Maximum Power Spectral Density Level

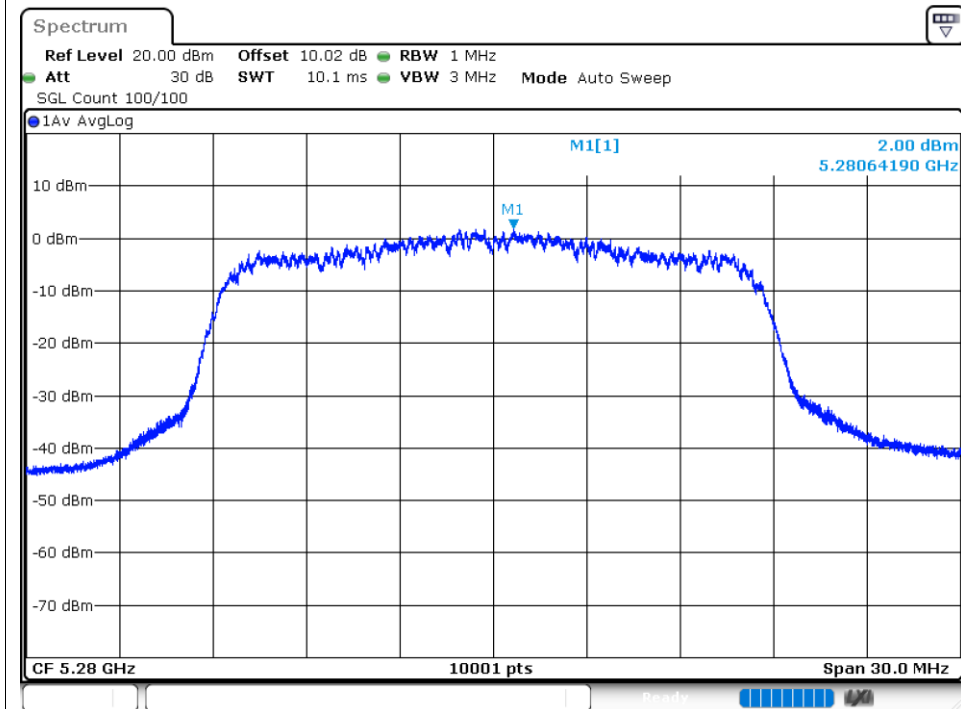
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	1.68	0.1	1.78	11	Pass
NVNT	a	5280	Ant1	2	0.1	2.1	11	Pass
NVNT	a	5320	Ant1	1.41	0.1	1.51	11	Pass
NVNT	n20	5260	Ant1	0.76	0.1	0.86	11	Pass
NVNT	n20	5280	Ant1	0.82	0.1	0.92	11	Pass
NVNT	n20	5320	Ant1	0.66	0.1	0.76	11	Pass
NVNT	n40	5270	Ant1	-2.75	0.2	-2.55	11	Pass
NVNT	n40	5310	Ant1	-3.45	0.2	-3.25	11	Pass
NVNT	ac20	5260	Ant1	1.01	0.1	1.11	11	Pass
NVNT	ac20	5280	Ant1	1.01	0.1	1.11	11	Pass
NVNT	ac20	5320	Ant1	0.26	0.1	0.36	11	Pass
NVNT	ac40	5270	Ant1	-3.36	0.2	-3.16	11	Pass
NVNT	ac40	5310	Ant1	-3.81	0.21	-3.6	11	Pass
NVNT	ac80	5290	Ant1	-8.04	0.39	-7.65	11	Pass

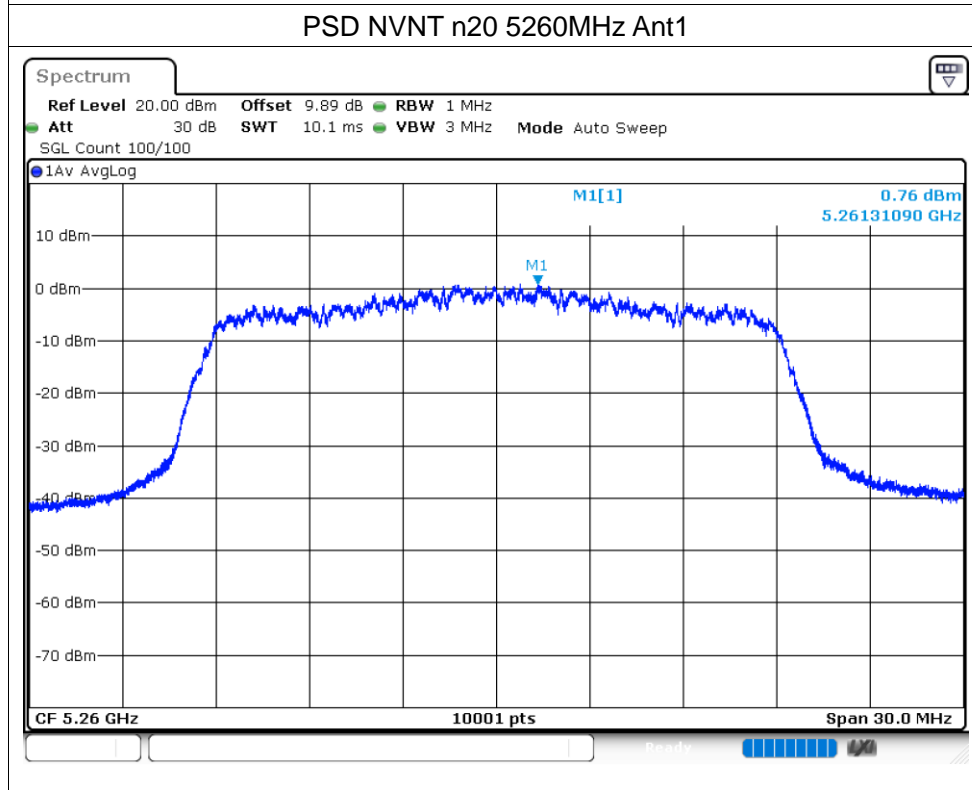
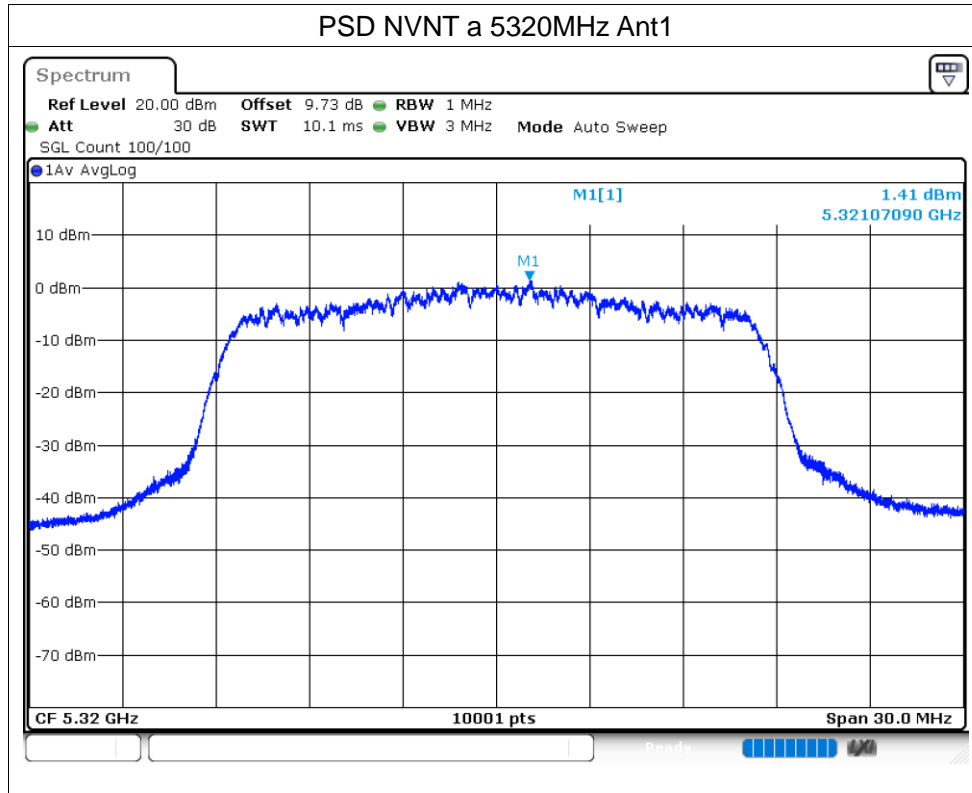
Test Graphs

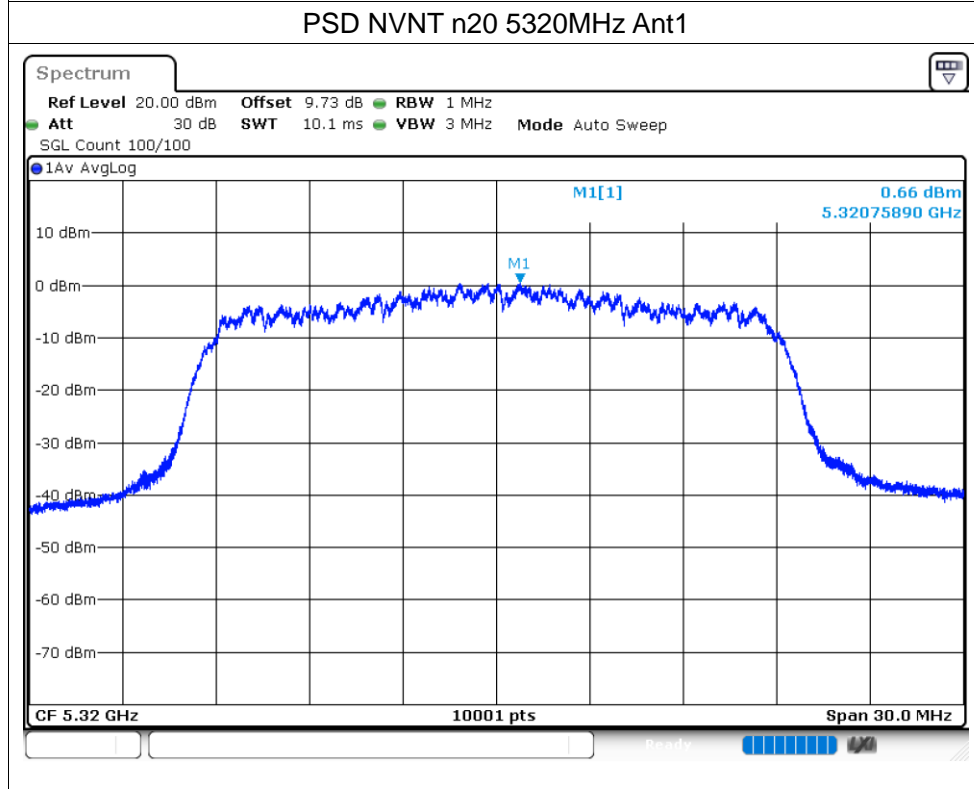
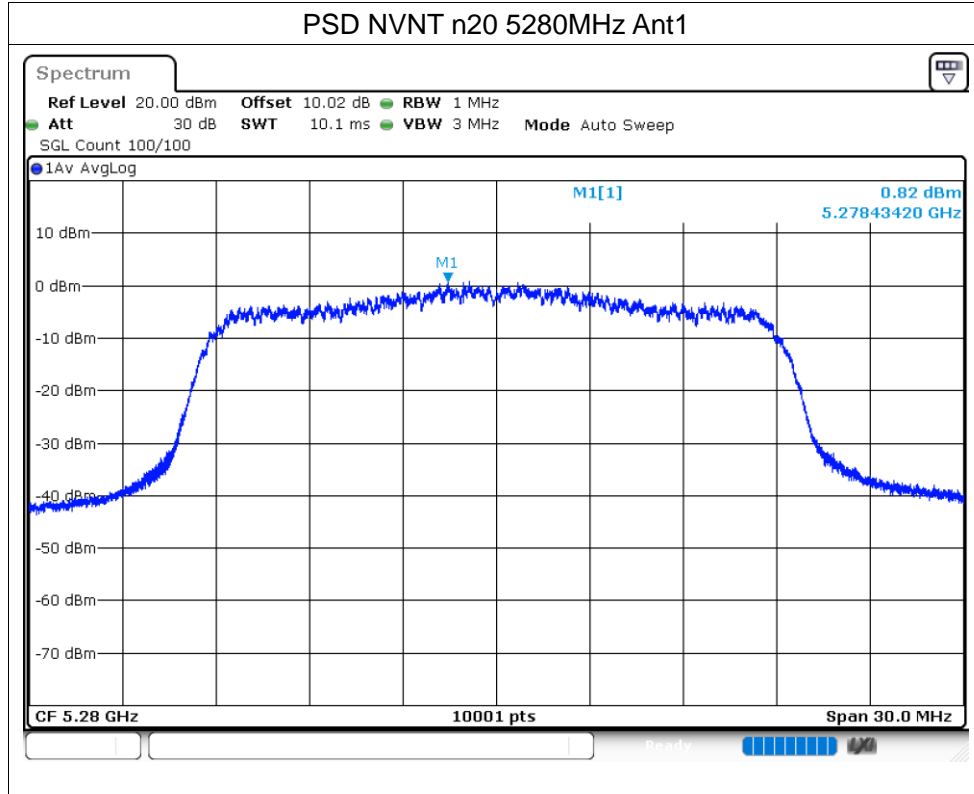
PSD NVNT a 5260MHz Ant1

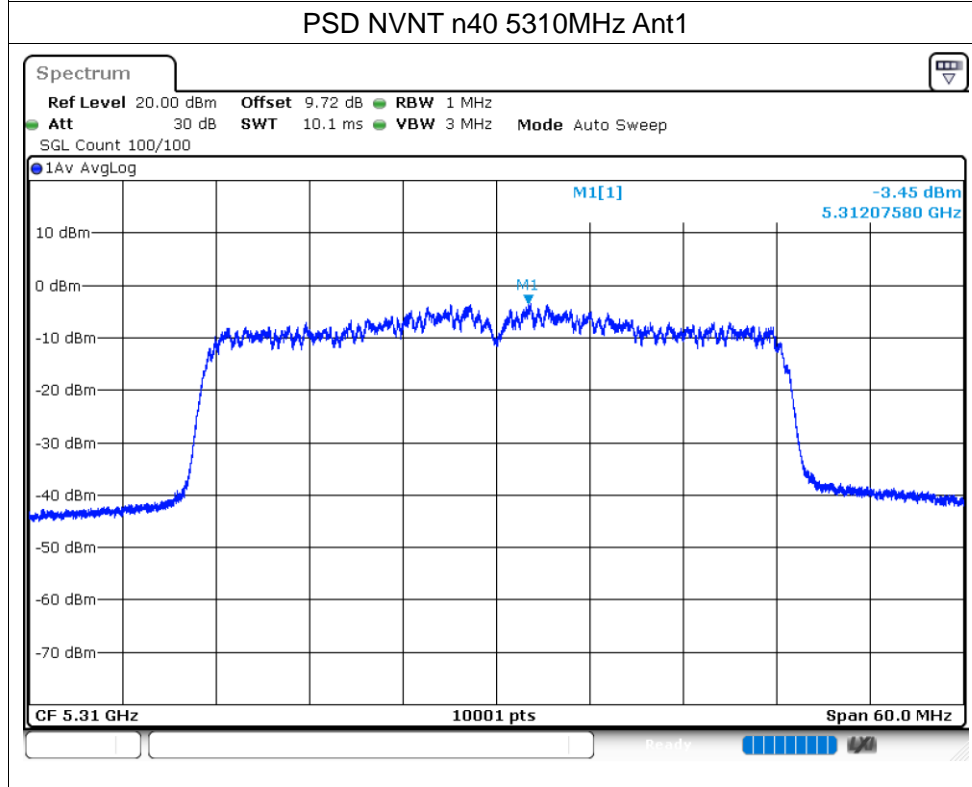
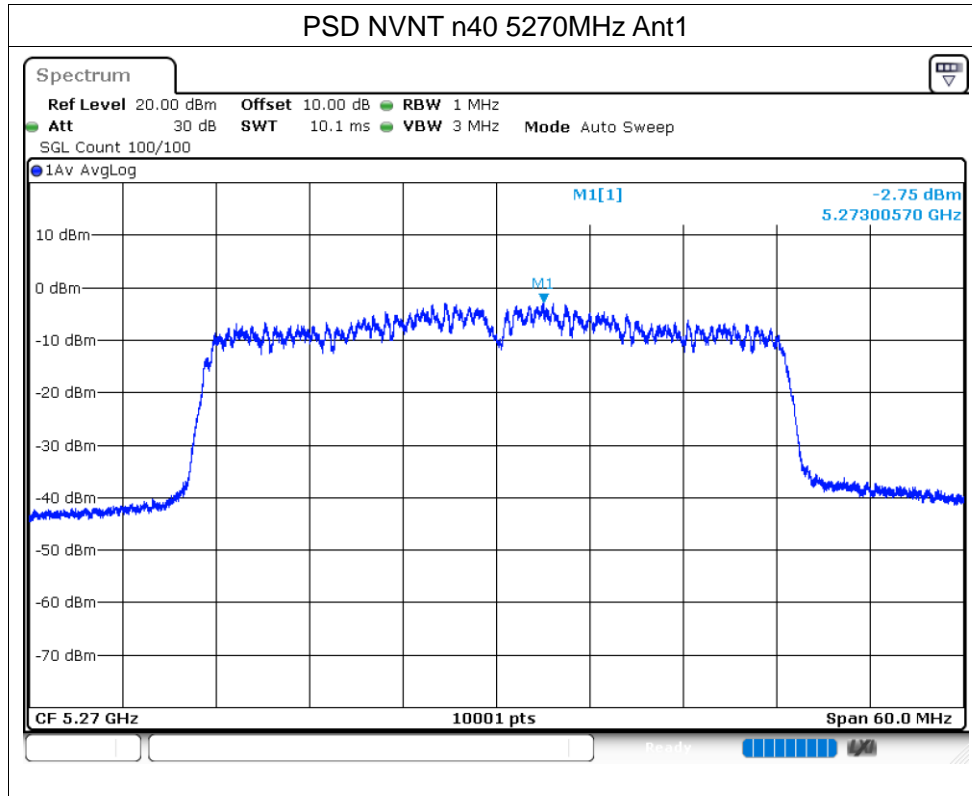


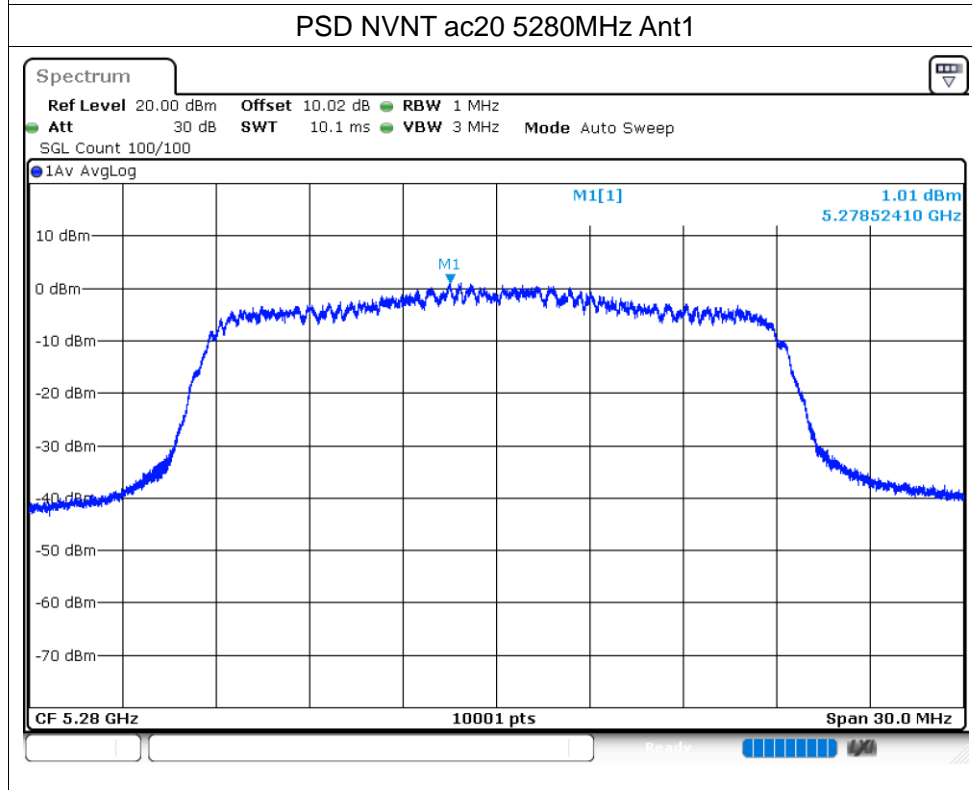
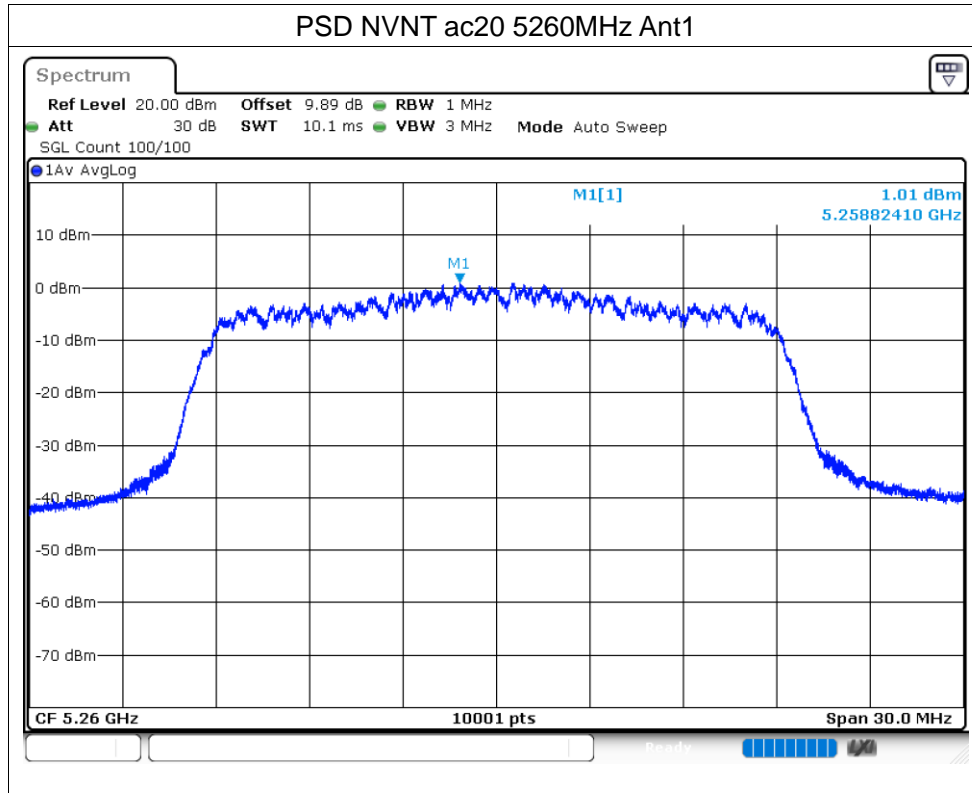
PSD NVNT a 5280MHz Ant1

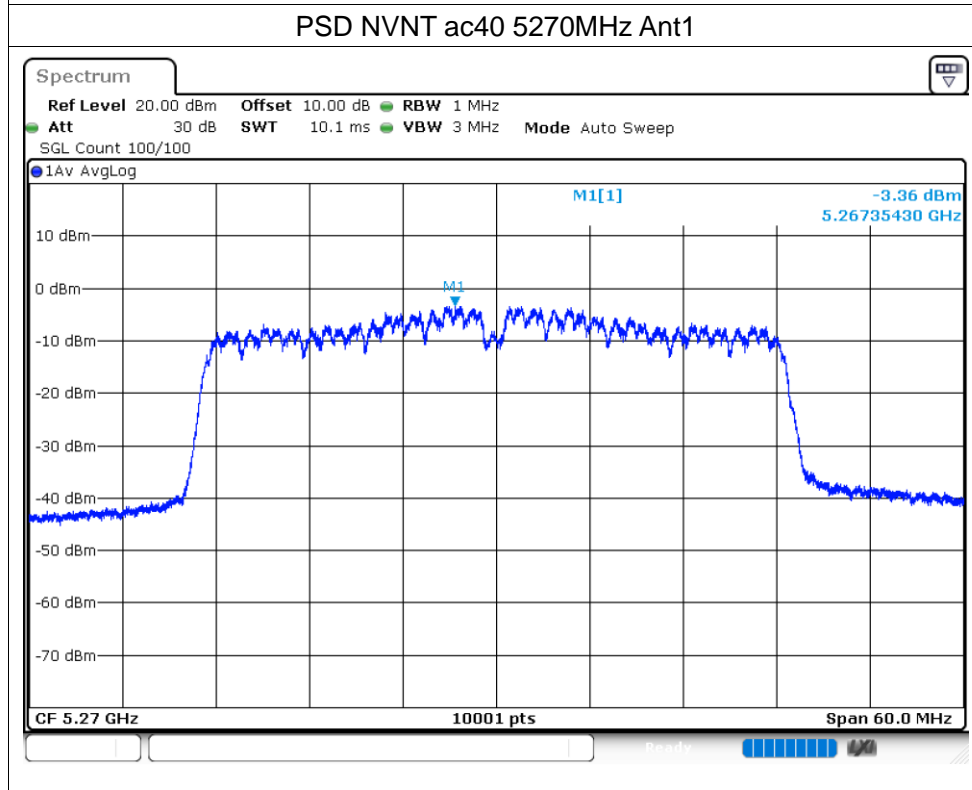
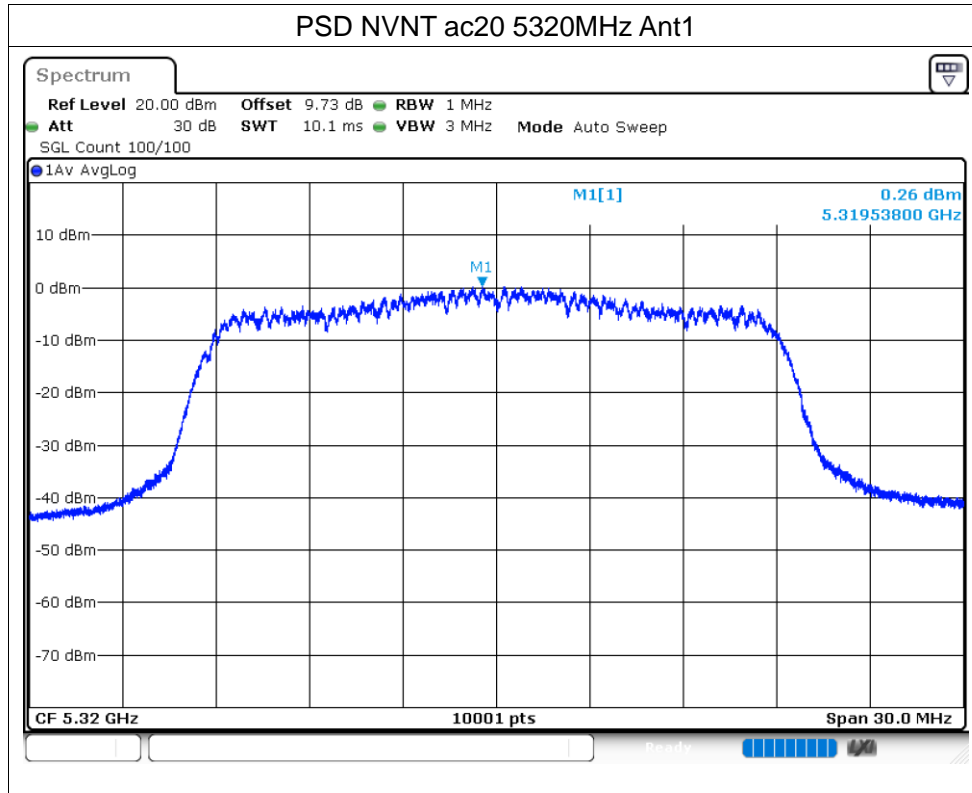




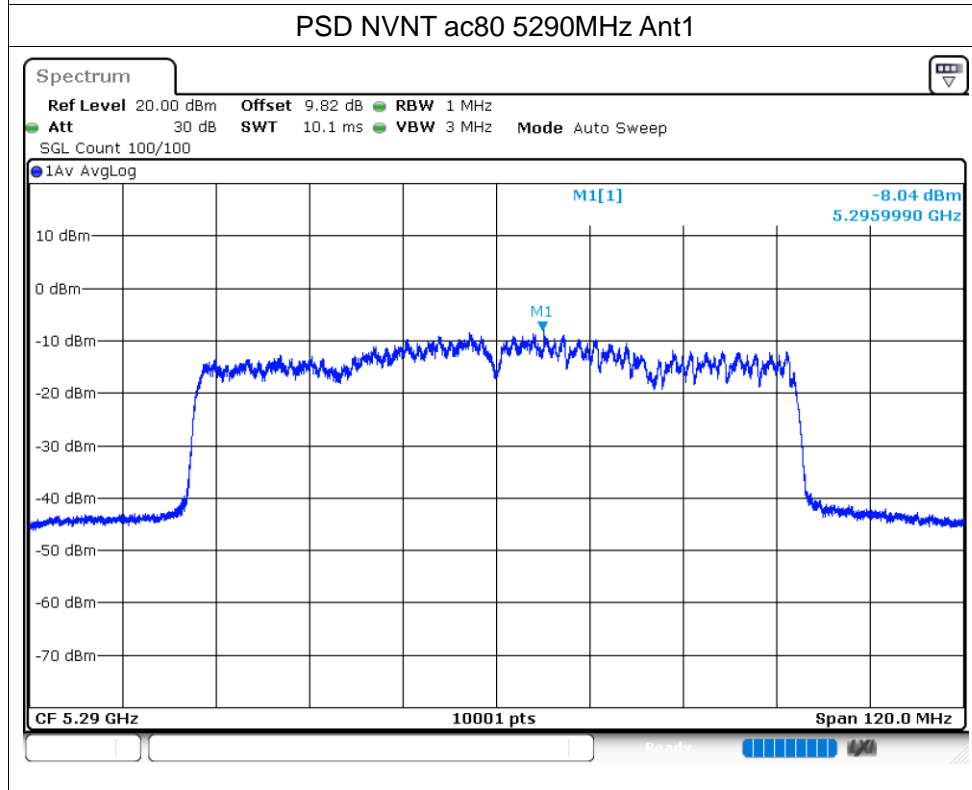
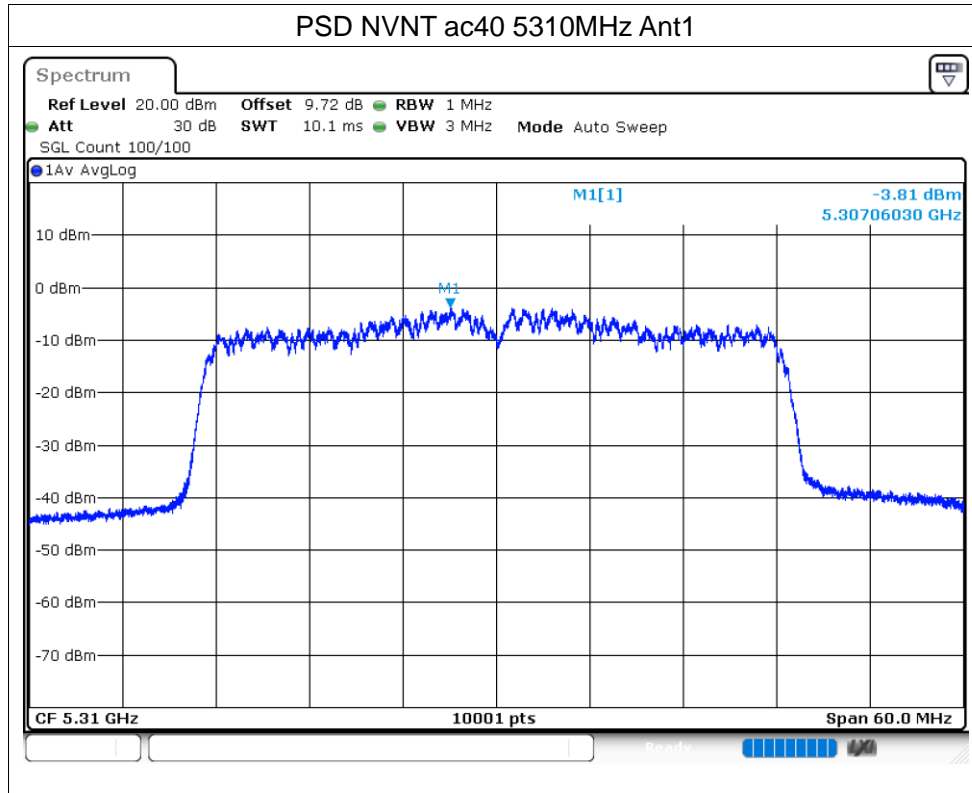










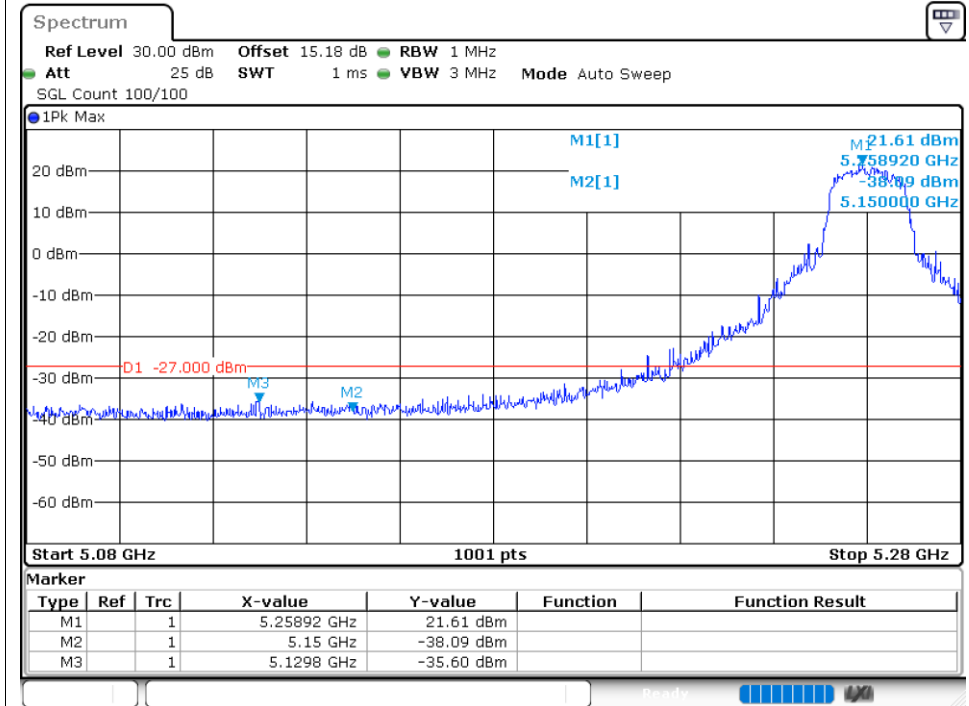


## Band Edge

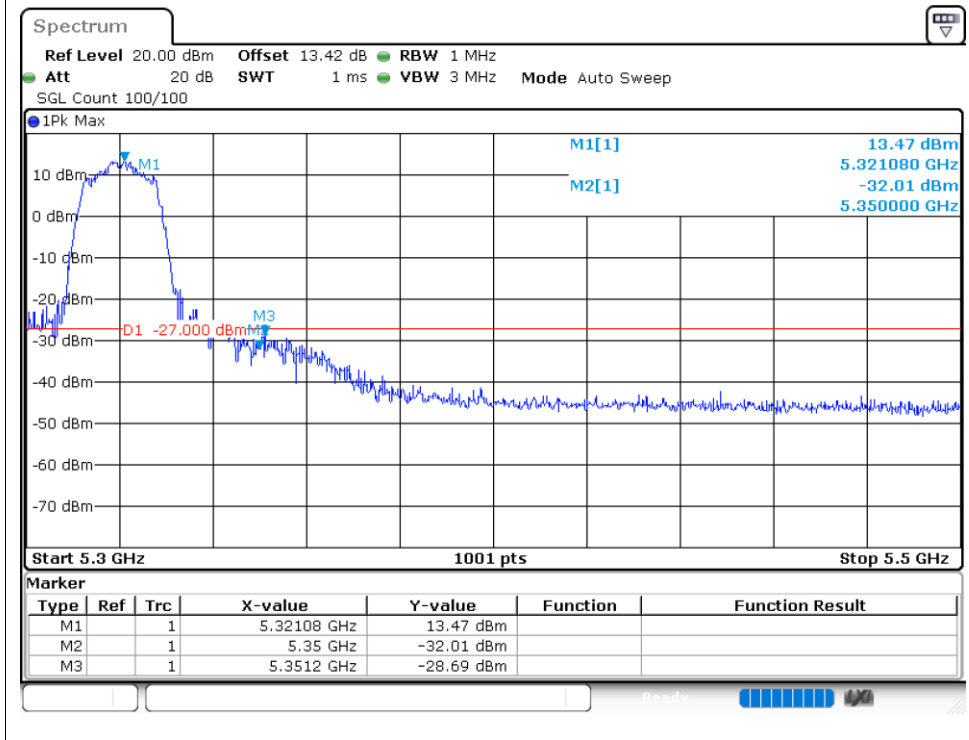
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-35.6	-27	Pass
NVNT	a	5320	Ant1	-28.68	-27	Pass
NVNT	n20	5260	Ant1	-43.16	-27	Pass
NVNT	n20	5320	Ant1	-31.02	-27	Pass
NVNT	n40	5270	Ant1	-41.93	-27	Pass
NVNT	n40	5310	Ant1	-27.74	-27	Pass
NVNT	ac20	5260	Ant1	-43.87	-27	Pass
NVNT	ac20	5320	Ant1	-27.49	-27	Pass
NVNT	ac40	5270	Ant1	-43.62	-27	Pass
NVNT	ac40	5310	Ant1	-28.26	-27	Pass
NVNT	ac80	5290	Ant1	-41.13	-27	Pass
NVNT	ac80	5290	Ant1	-27.12	-27	Pass

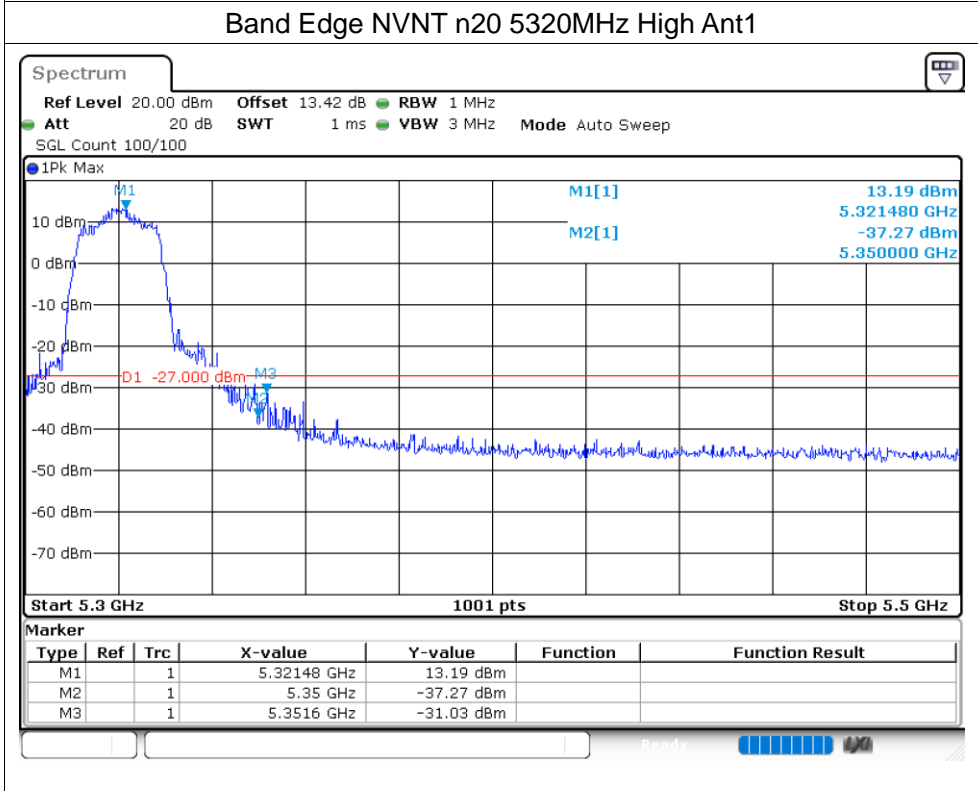
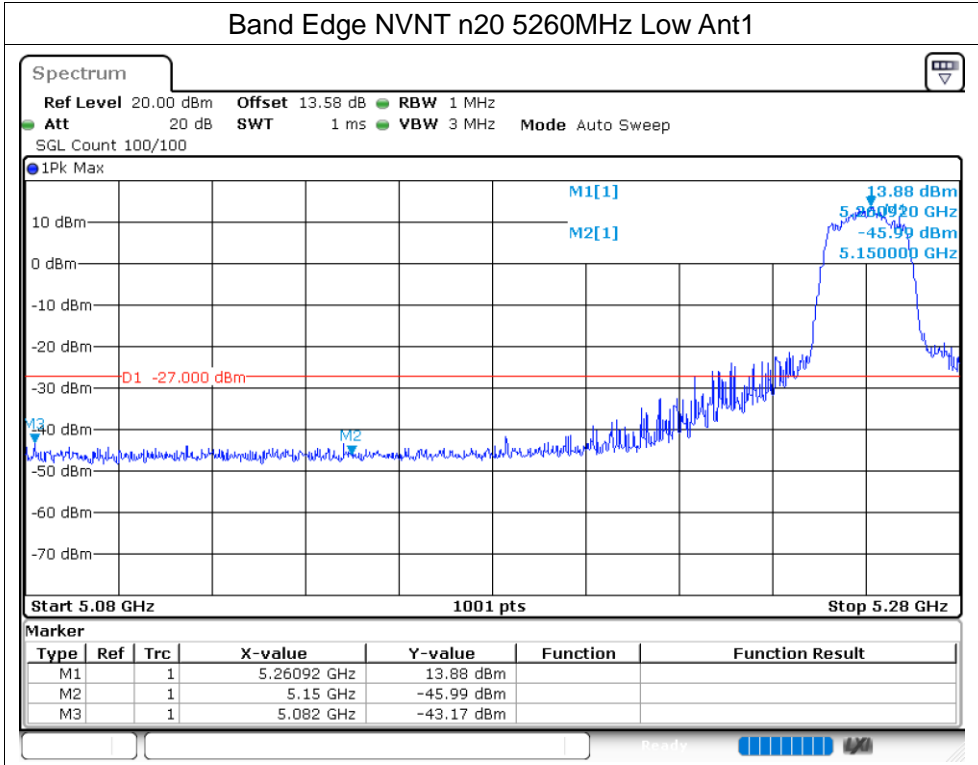
Test Graphs

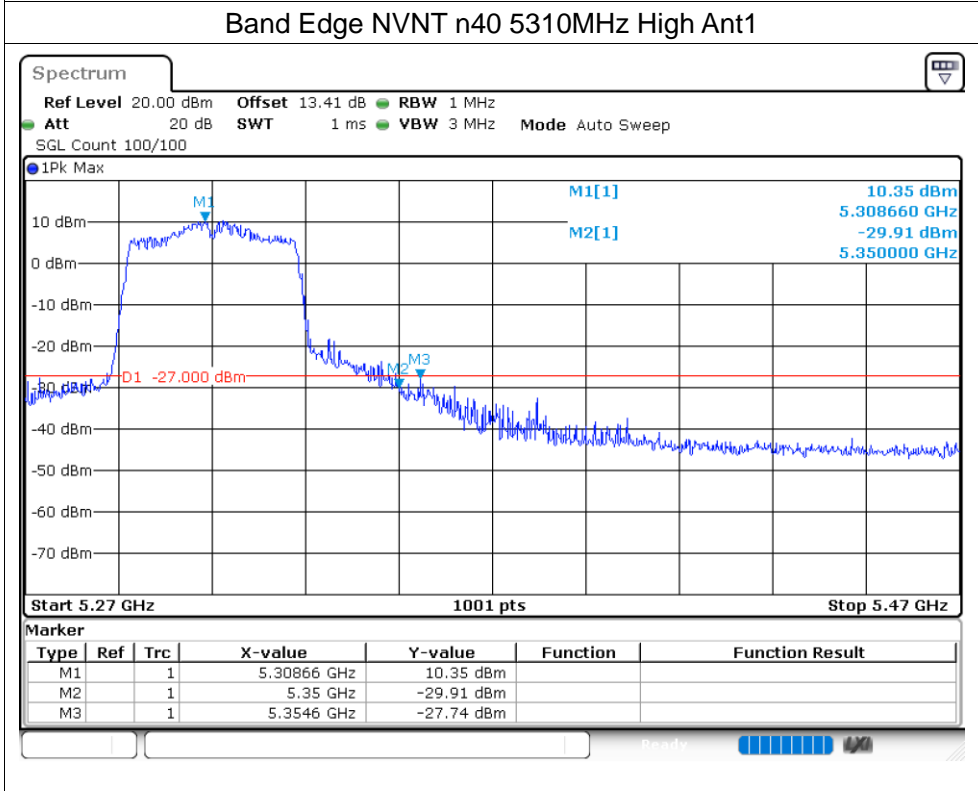
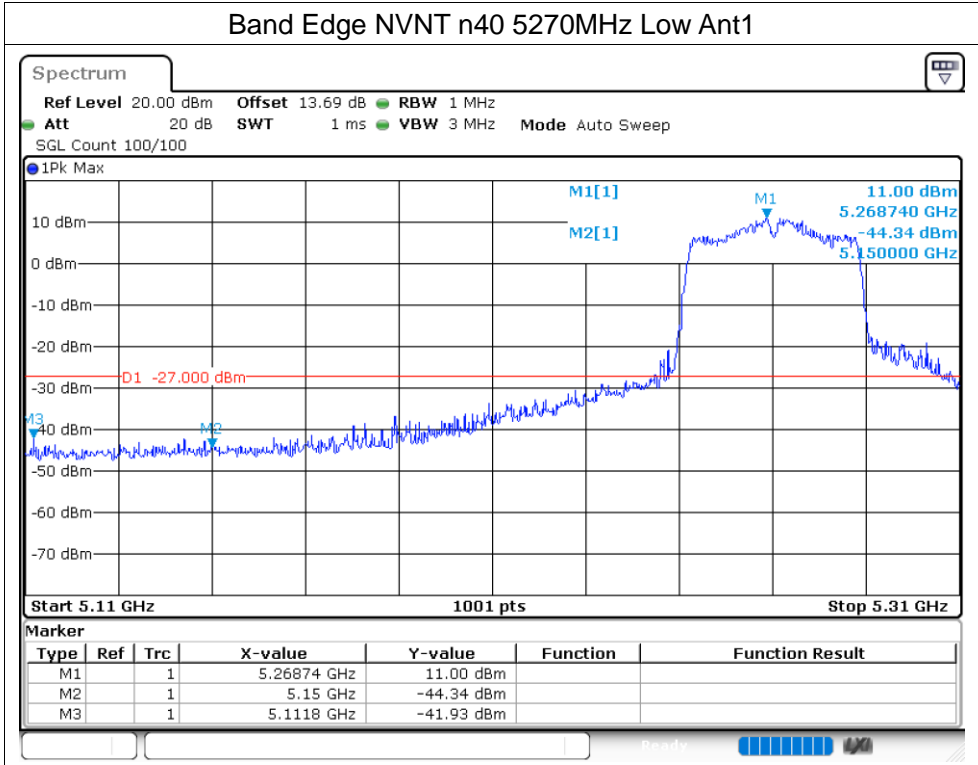
Band Edge NVNT a 5260MHz Low Ant1

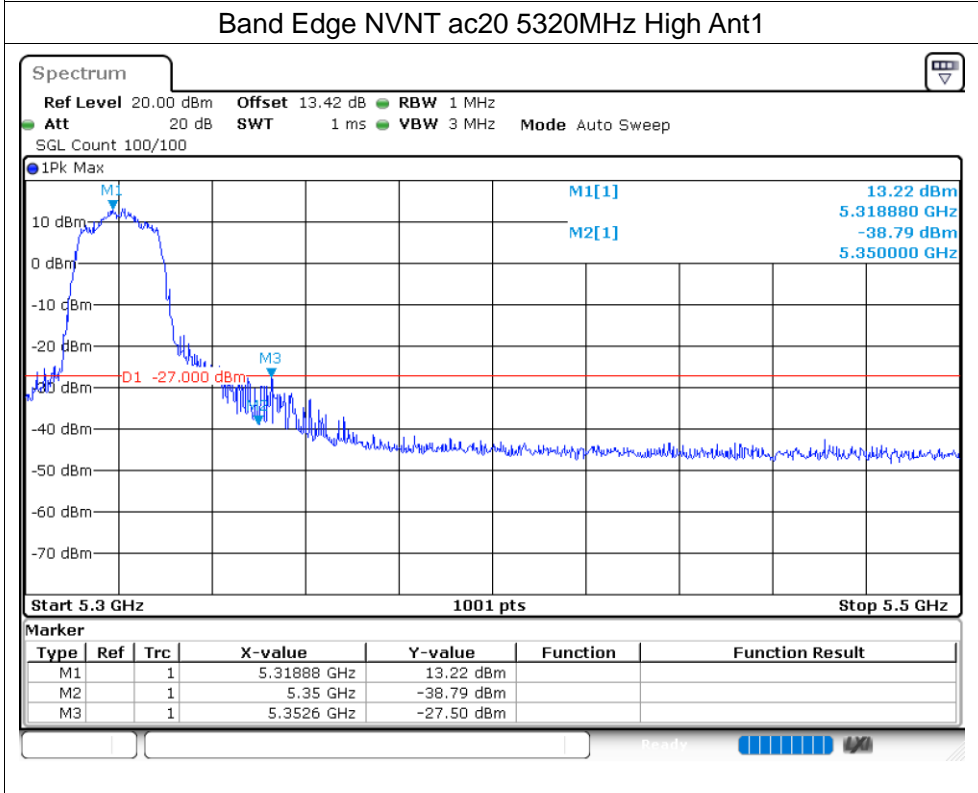
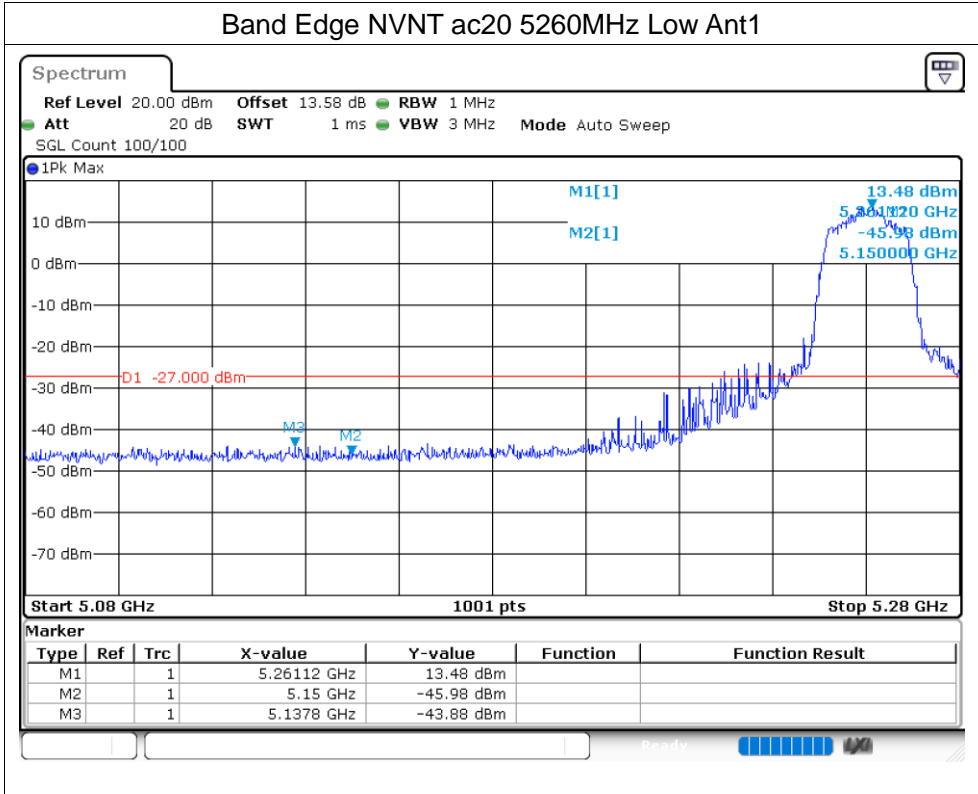


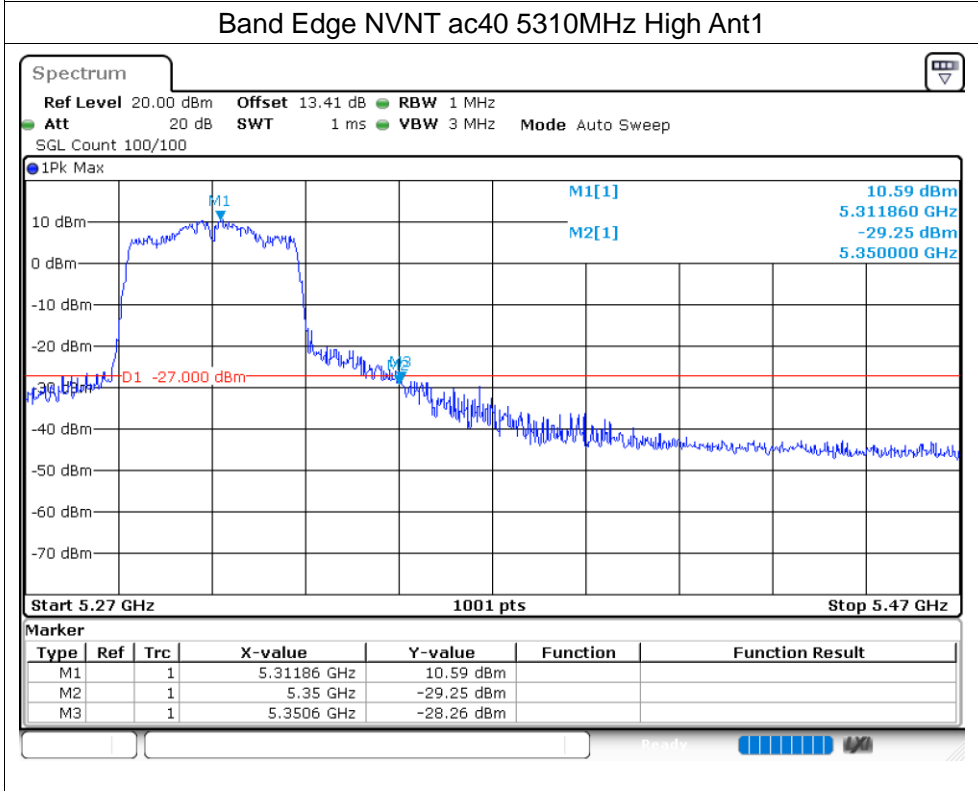
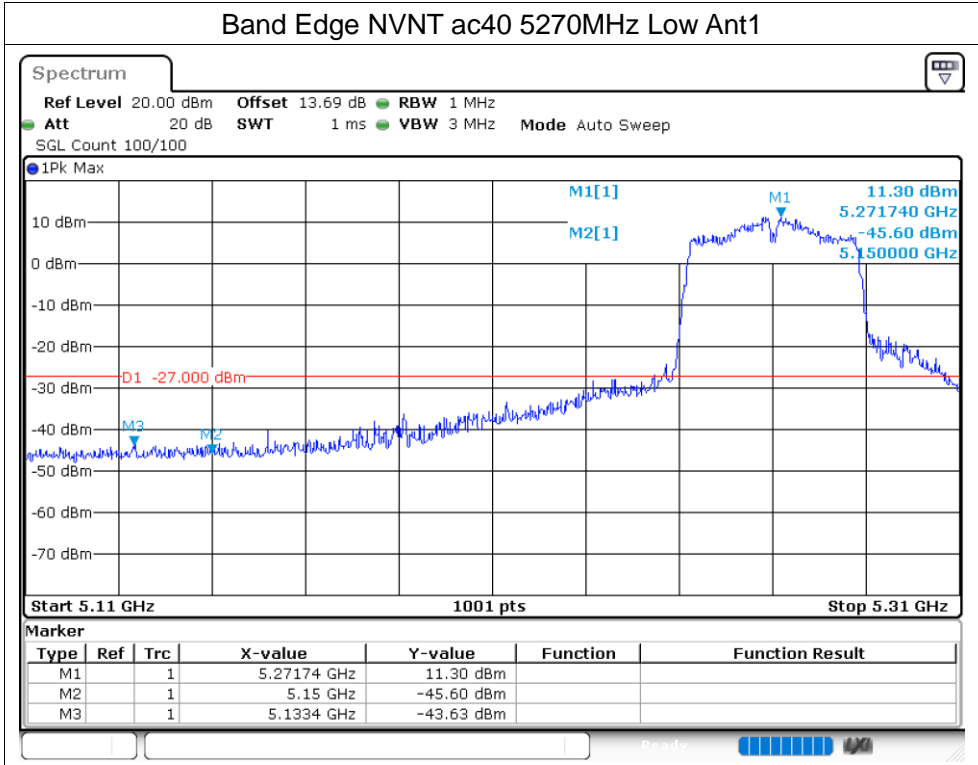
Band Edge NVNT a 5320MHz High Ant1



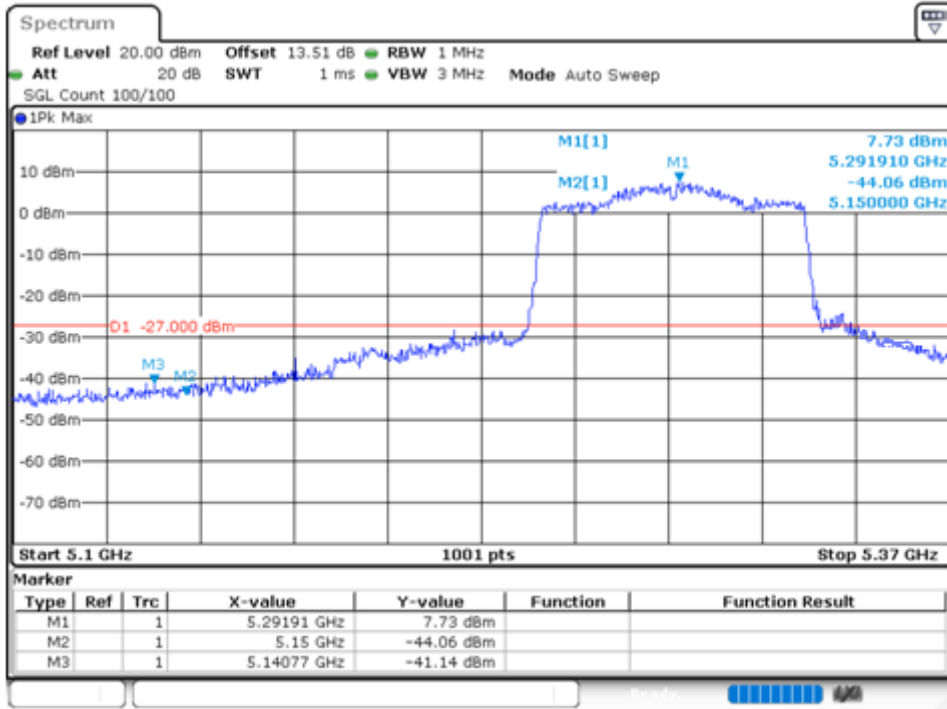








Band Edge NVNT ac80 5290MHz Low Ant1



Band Edge NVNT ac80 5290MHz High Ant1

