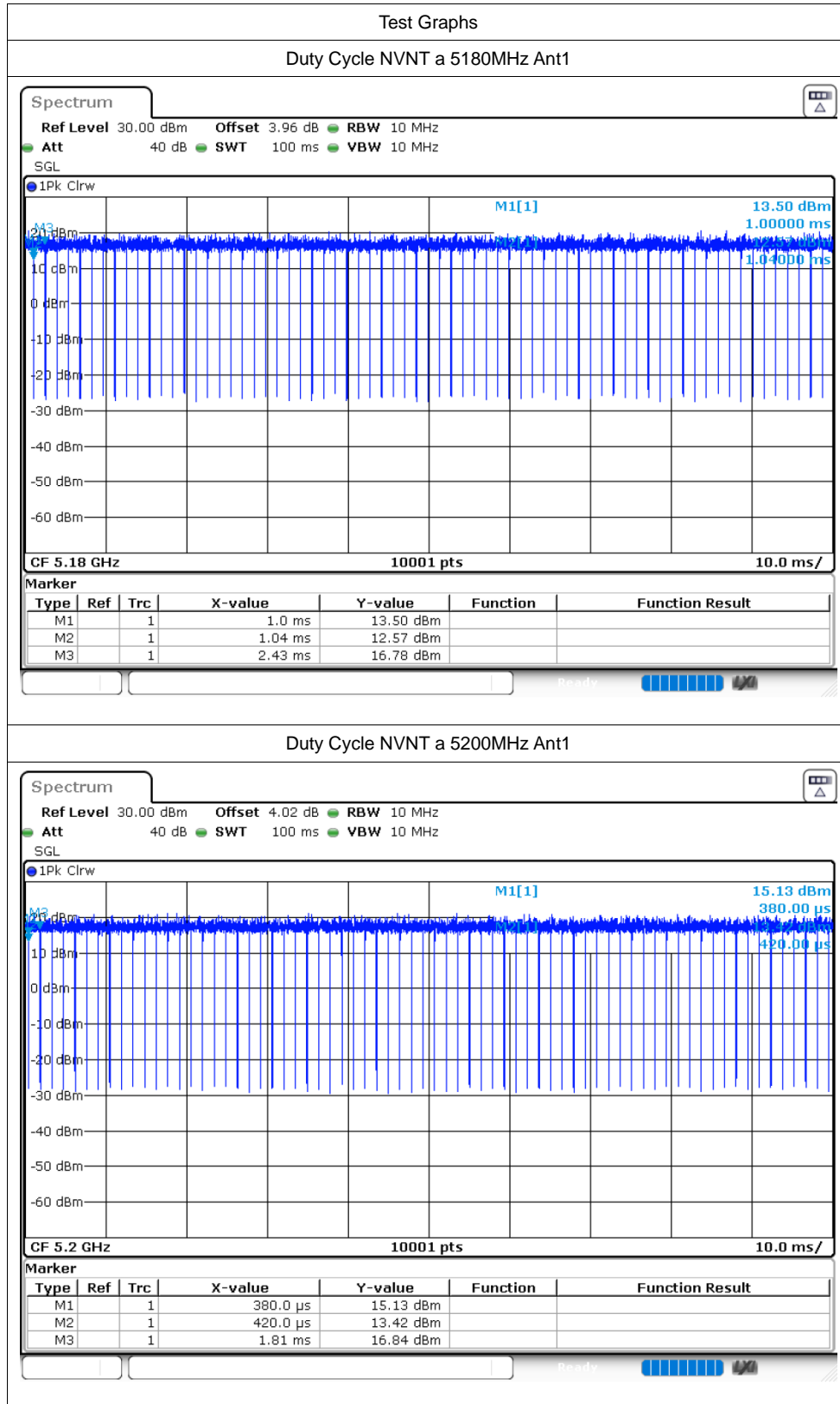


**5.2G:**

**Duty Cycle**

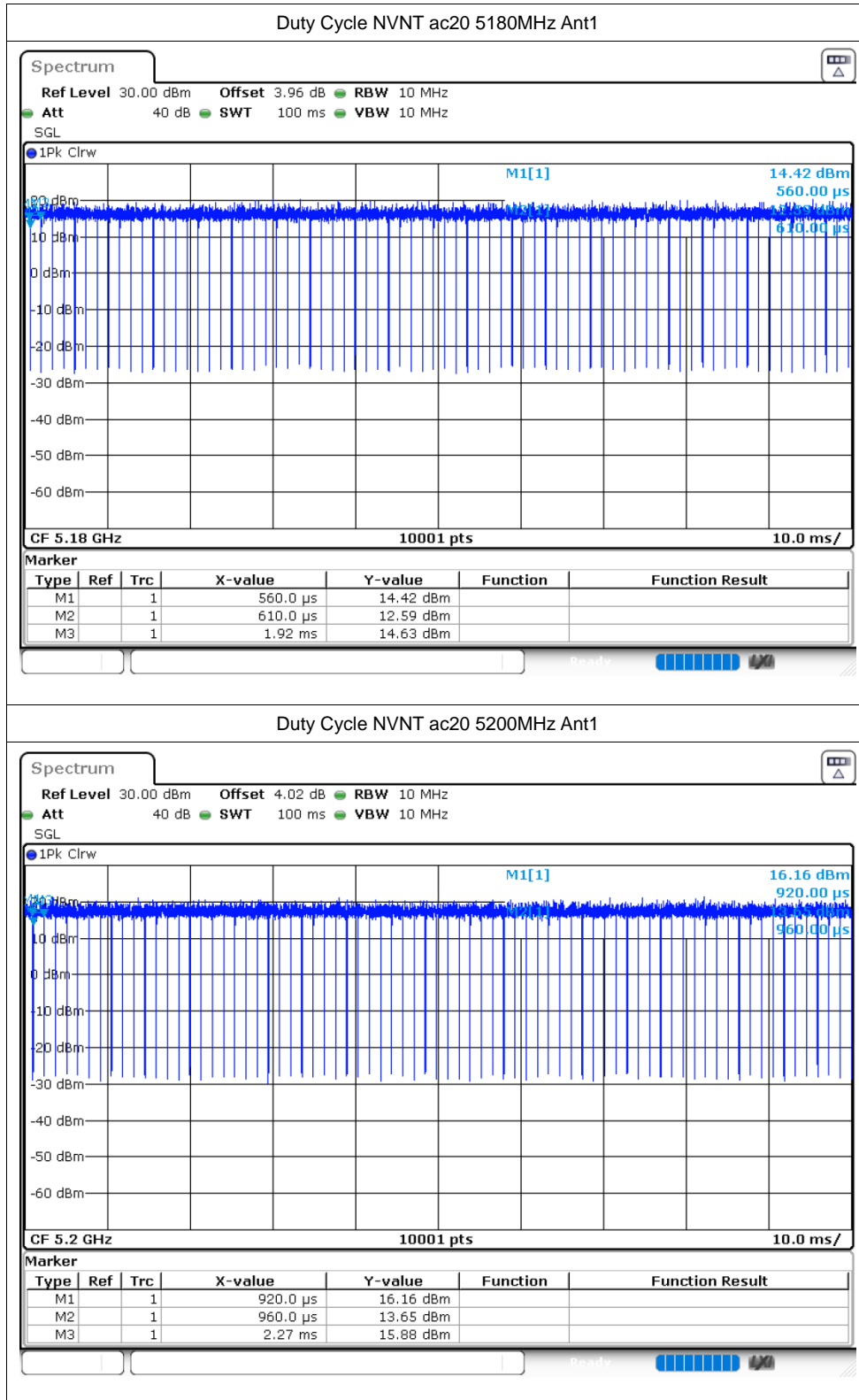
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	97.62	0.1	0.72
NVNT	a	5200	Ant1	97.56	0.11	0.72
NVNT	a	5240	Ant1	97.58	0.11	0.72
NVNT	n20	5180	Ant1	97.44	0.11	0.77
NVNT	n20	5200	Ant1	97.41	0.11	0.77
NVNT	n20	5240	Ant1	97.44	0.11	0.77
NVNT	n40	5190	Ant1	95.07	0.22	1.54
NVNT	n40	5230	Ant1	95.08	0.22	1.54
NVNT	ac20	5180	Ant1	97.46	0.11	0.76
NVNT	ac20	5200	Ant1	97.42	0.11	0.76
NVNT	ac20	5240	Ant1	97.45	0.11	0.76
NVNT	ac40	5190	Ant1	95.07	0.22	1.54
NVNT	ac40	5230	Ant1	95.09	0.22	1.54
NVNT	ac80	5210	Ant1	90.76	0.42	3.03

















## Maximum Conducted Output Power

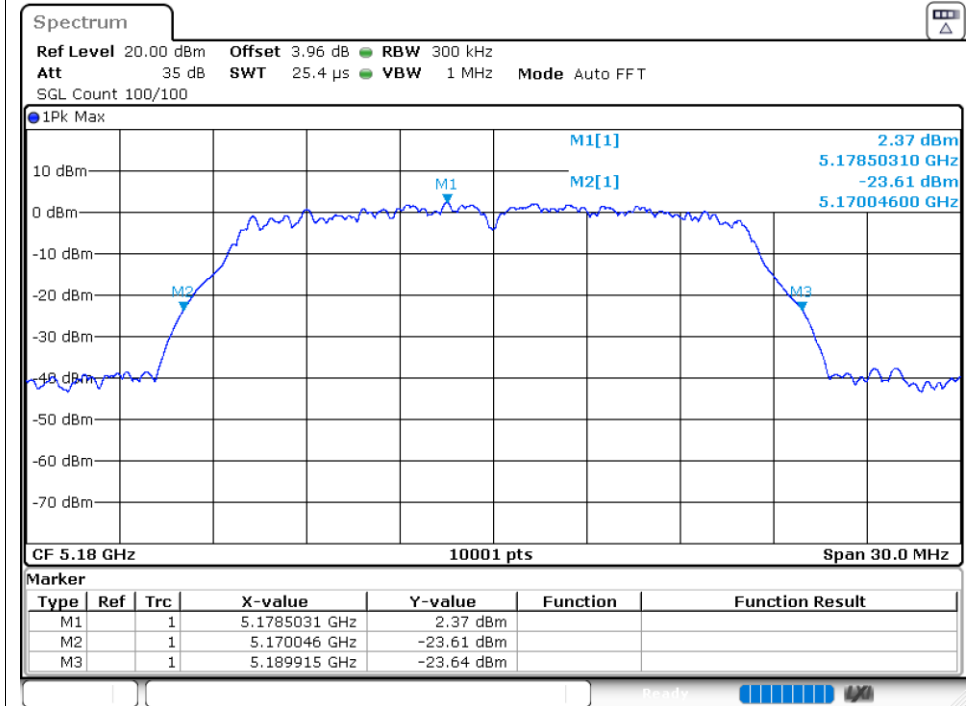
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.95	0.1	13.05	24	Pass
NVNT	a	5200	Ant1	13.1	0.11	13.21	24	Pass
NVNT	a	5240	Ant1	12.35	0.11	12.46	24	Pass
NVNT	n20	5180	Ant1	12.24	0.11	12.35	24	Pass
NVNT	n20	5200	Ant1	13	0.11	13.11	24	Pass
NVNT	n20	5240	Ant1	12.96	0.11	13.07	24	Pass
NVNT	n40	5190	Ant1	12.83	0.22	13.05	24	Pass
NVNT	n40	5230	Ant1	12.78	0.22	13	24	Pass
NVNT	ac20	5180	Ant1	12.91	0.11	13.02	24	Pass
NVNT	ac20	5200	Ant1	12.41	0.11	12.52	24	Pass
NVNT	ac20	5240	Ant1	12.19	0.11	12.3	24	Pass
NVNT	ac40	5190	Ant1	12.22	0.22	12.44	24	Pass
NVNT	ac40	5230	Ant1	12.28	0.22	12.5	24	Pass
NVNT	ac80	5210	Ant1	12.38	0.42	12.8	24	Pass

## -26dB Bandwidth

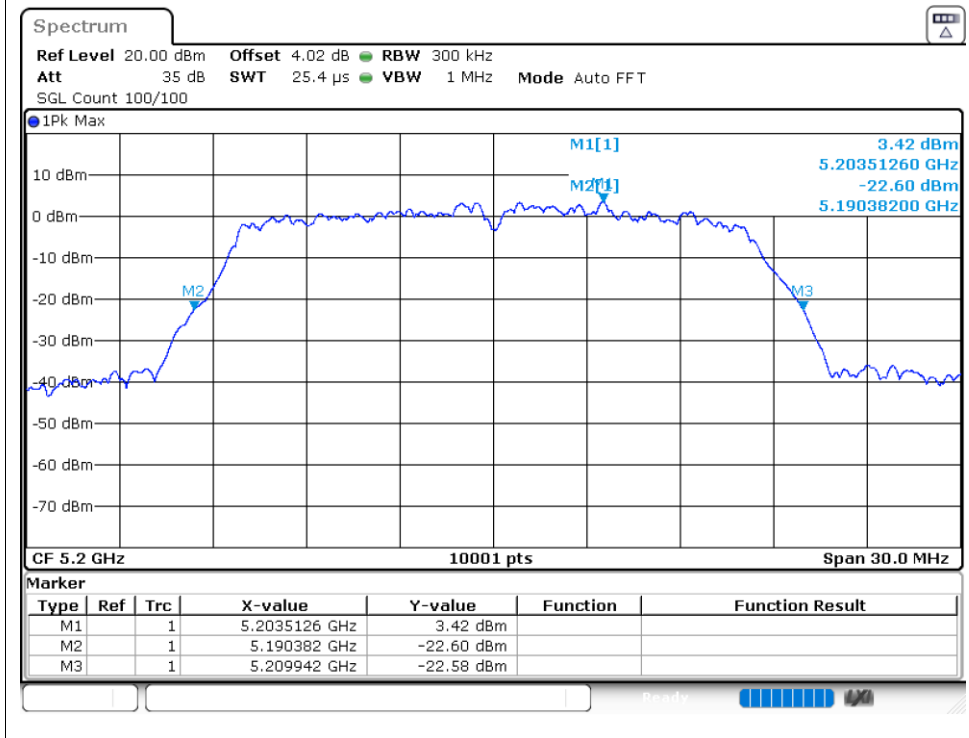
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.869	Pass
NVNT	a	5200	Ant1	19.56	Pass
NVNT	a	5240	Ant1	19.728	Pass
NVNT	n20	5180	Ant1	20.37	Pass
NVNT	n20	5200	Ant1	20.079	Pass
NVNT	n20	5240	Ant1	20.436	Pass
NVNT	n40	5190	Ant1	40.608	Pass
NVNT	n40	5230	Ant1	40.806	Pass
NVNT	ac20	5180	Ant1	19.959	Pass
NVNT	ac20	5200	Ant1	20.286	Pass
NVNT	ac20	5240	Ant1	20.313	Pass
NVNT	ac40	5190	Ant1	41.034	Pass
NVNT	ac40	5230	Ant1	40.938	Pass
NVNT	ac80	5210	Ant1	80.796	Pass

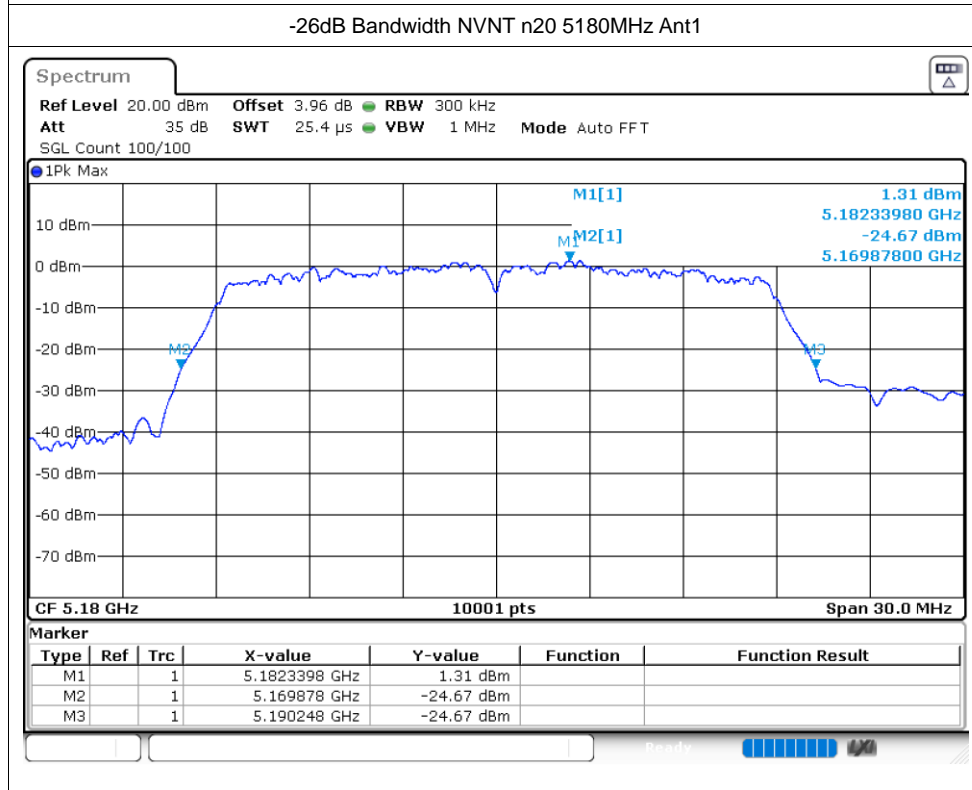
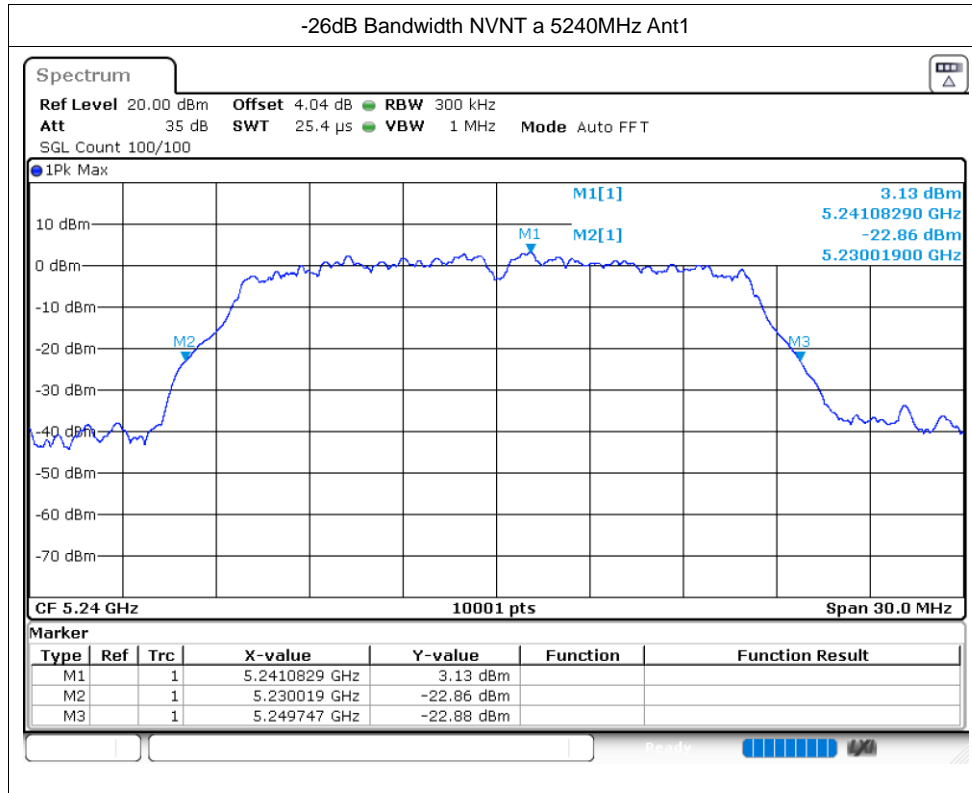
Test Graphs

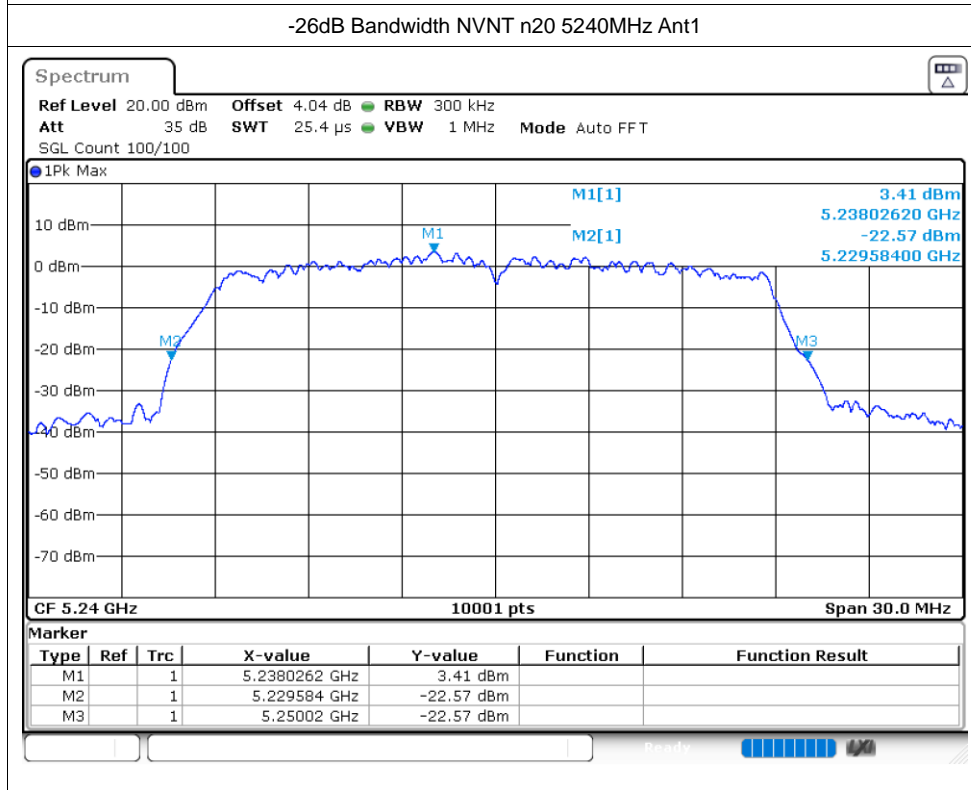
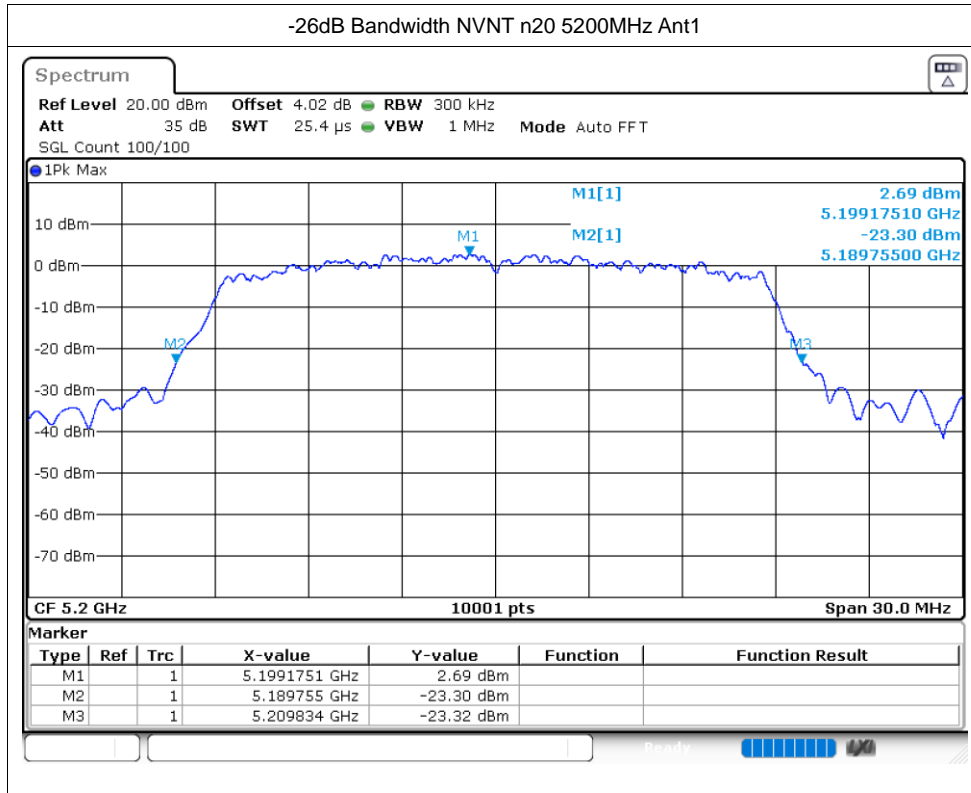
-26dB Bandwidth NVNT a 5180MHz Ant1

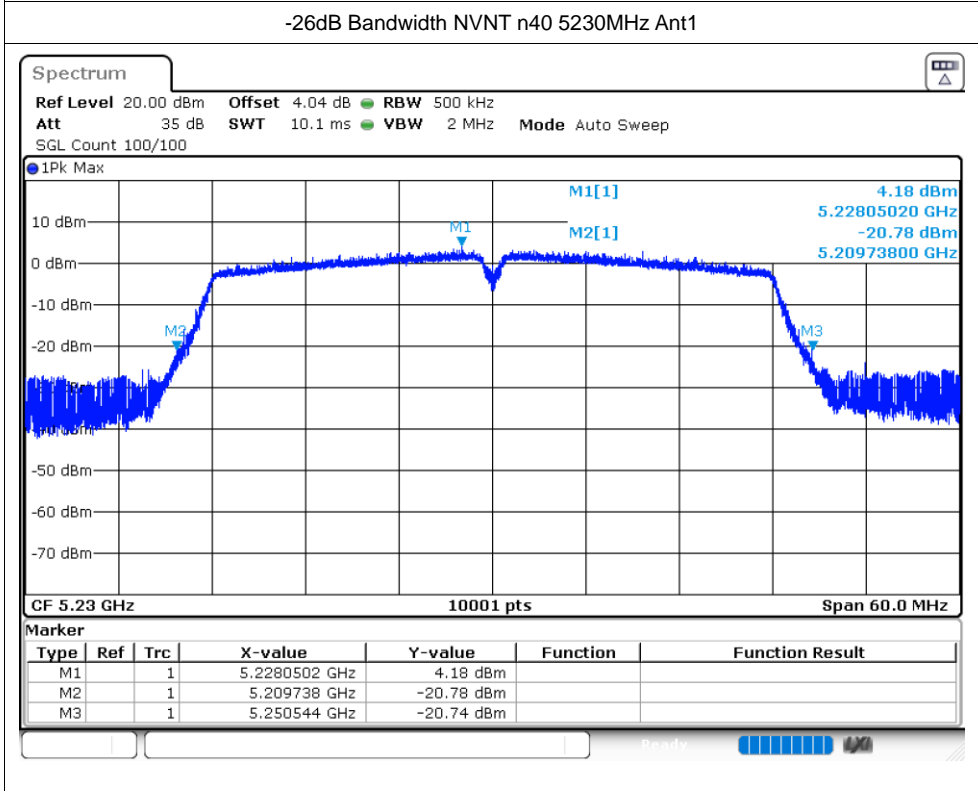
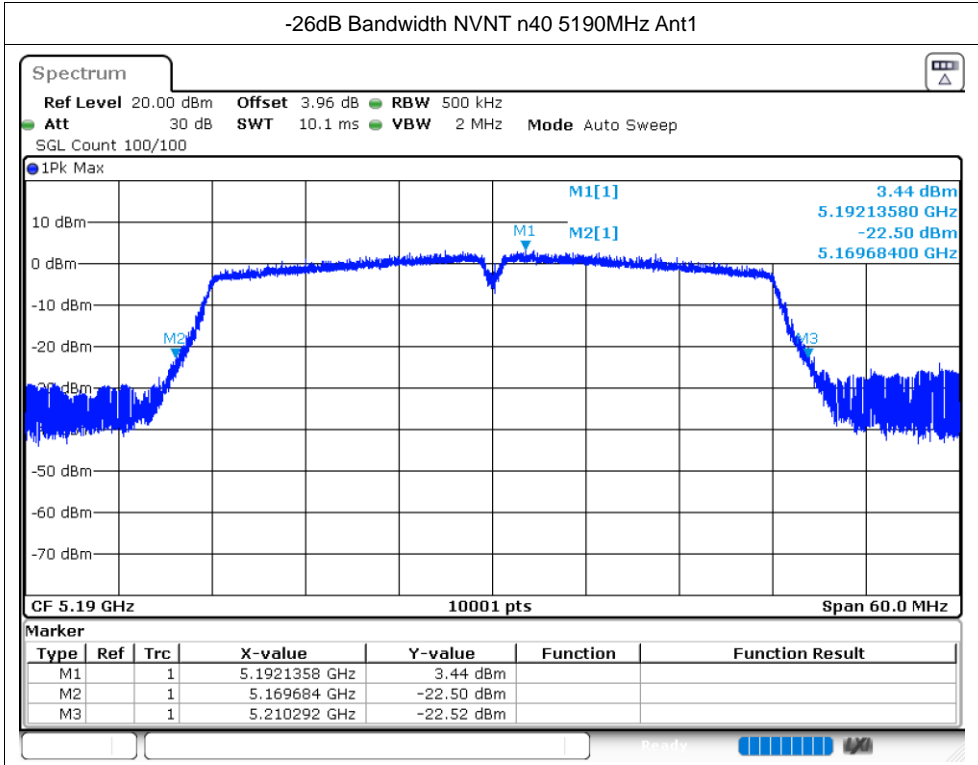


-26dB Bandwidth NVNT a 5200MHz Ant1

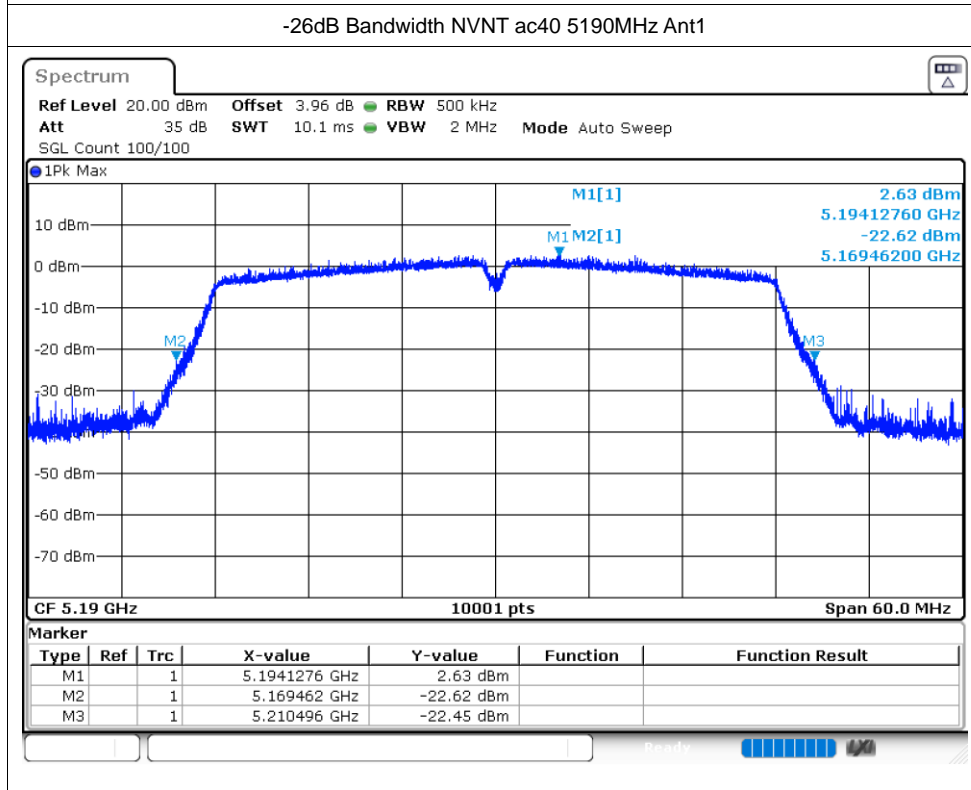
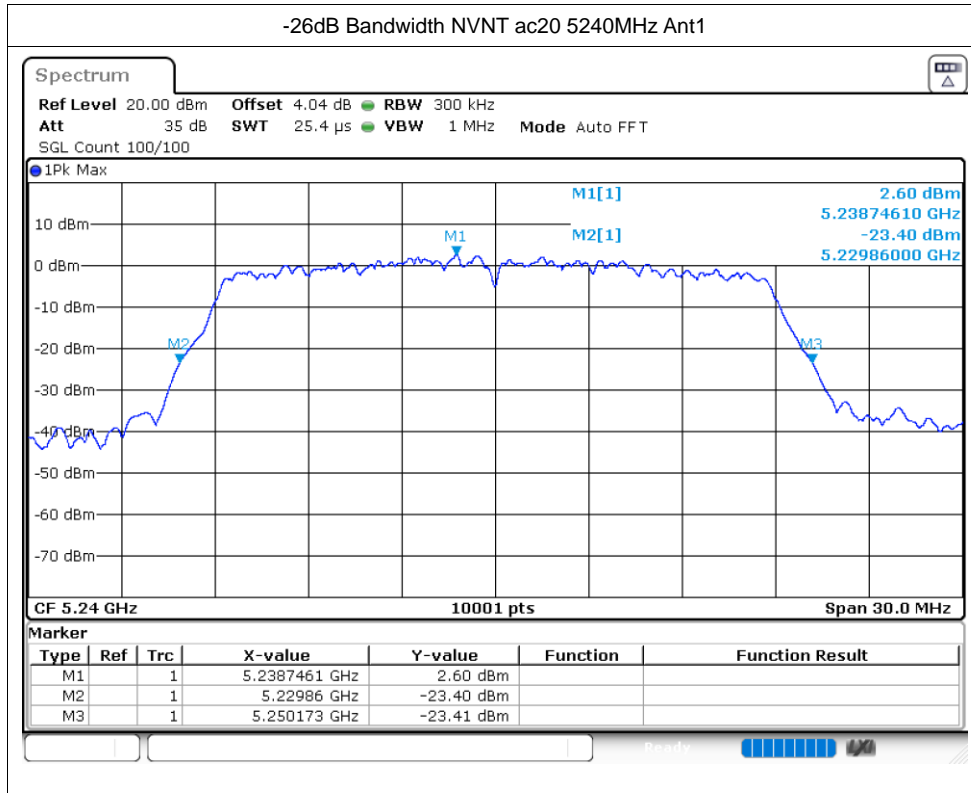




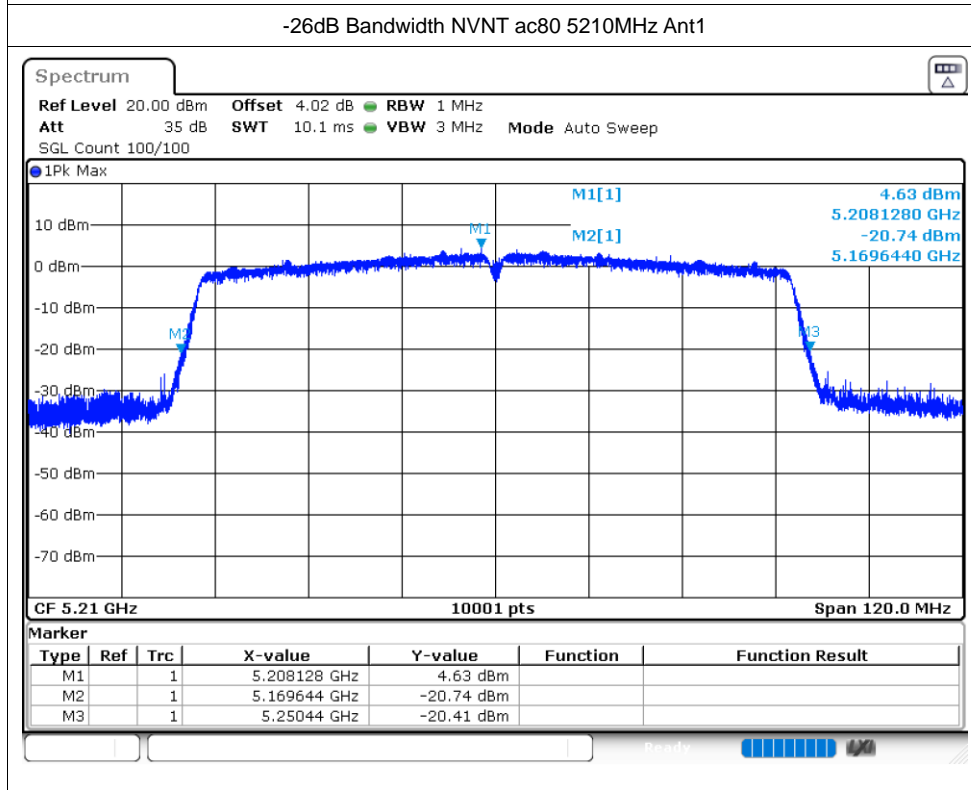
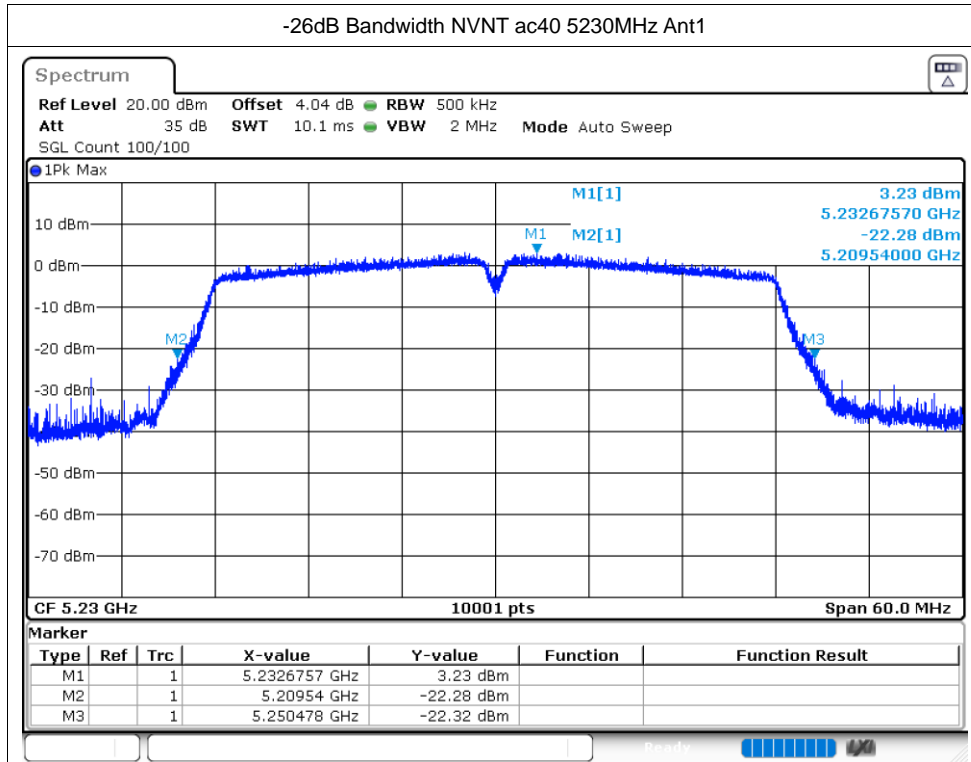






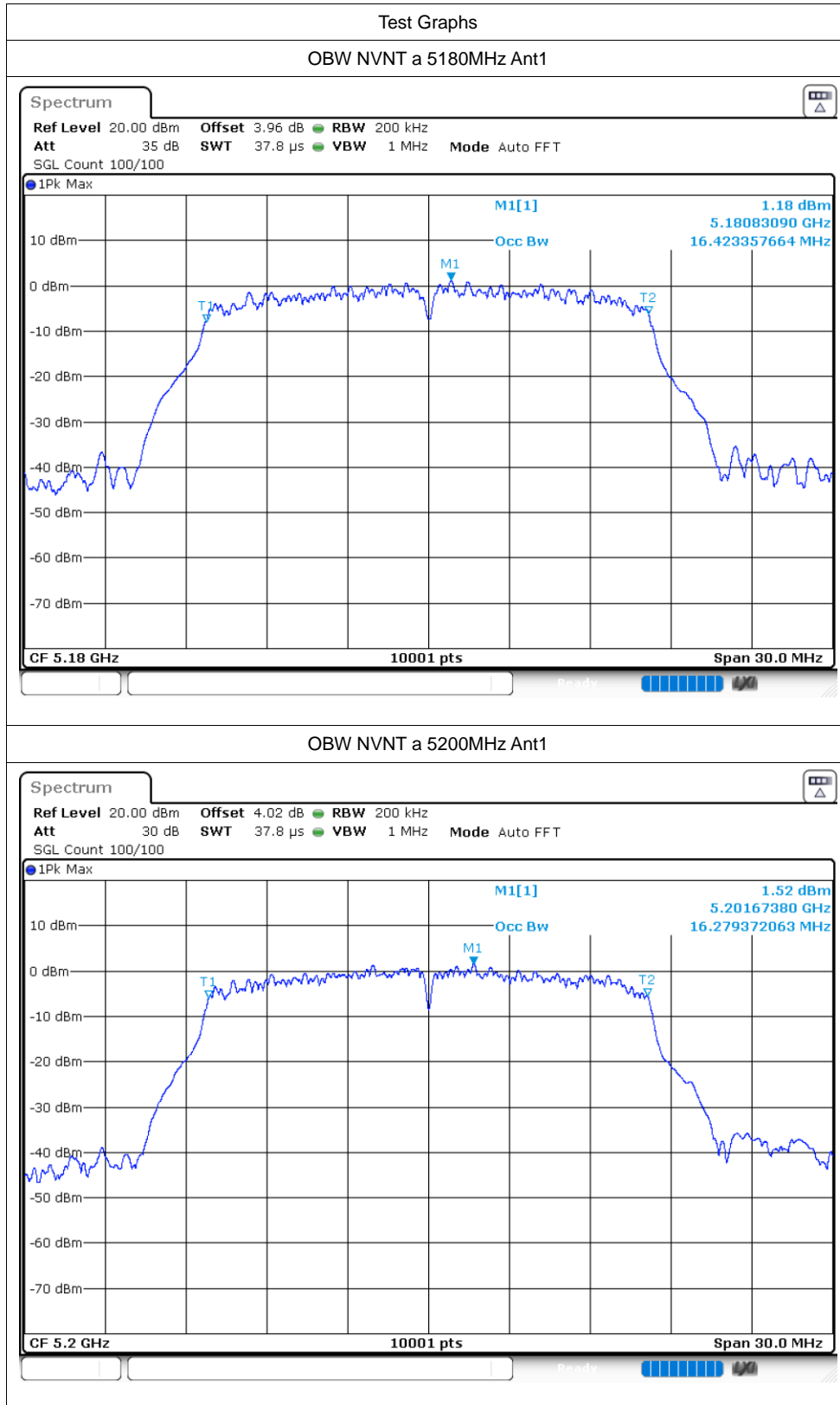


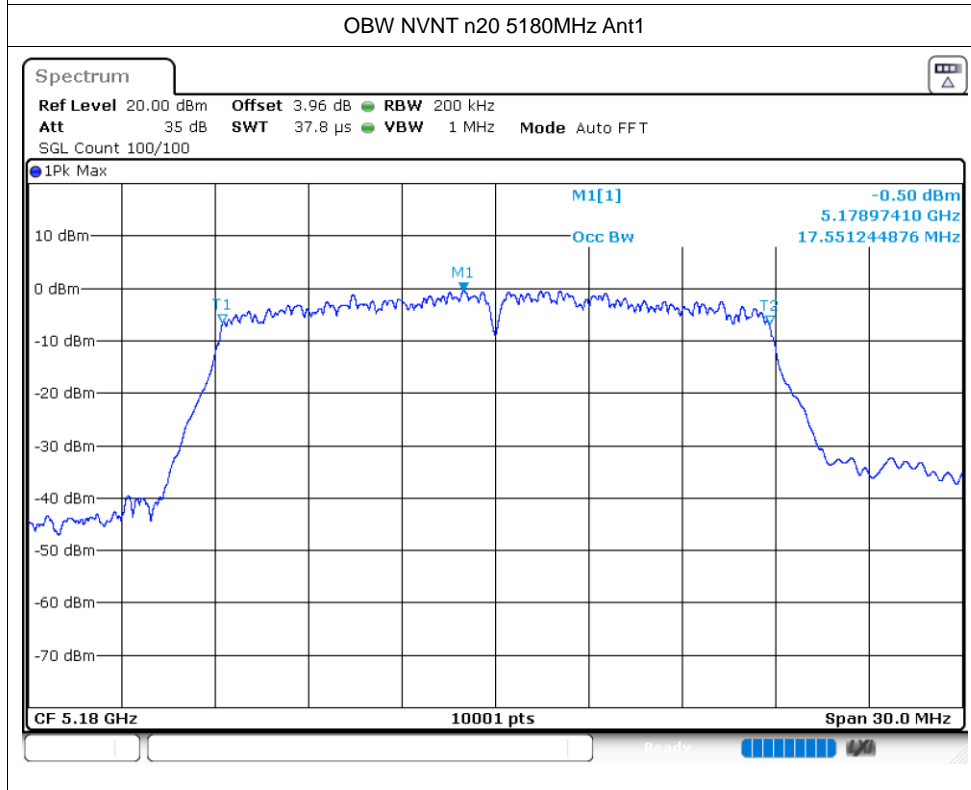
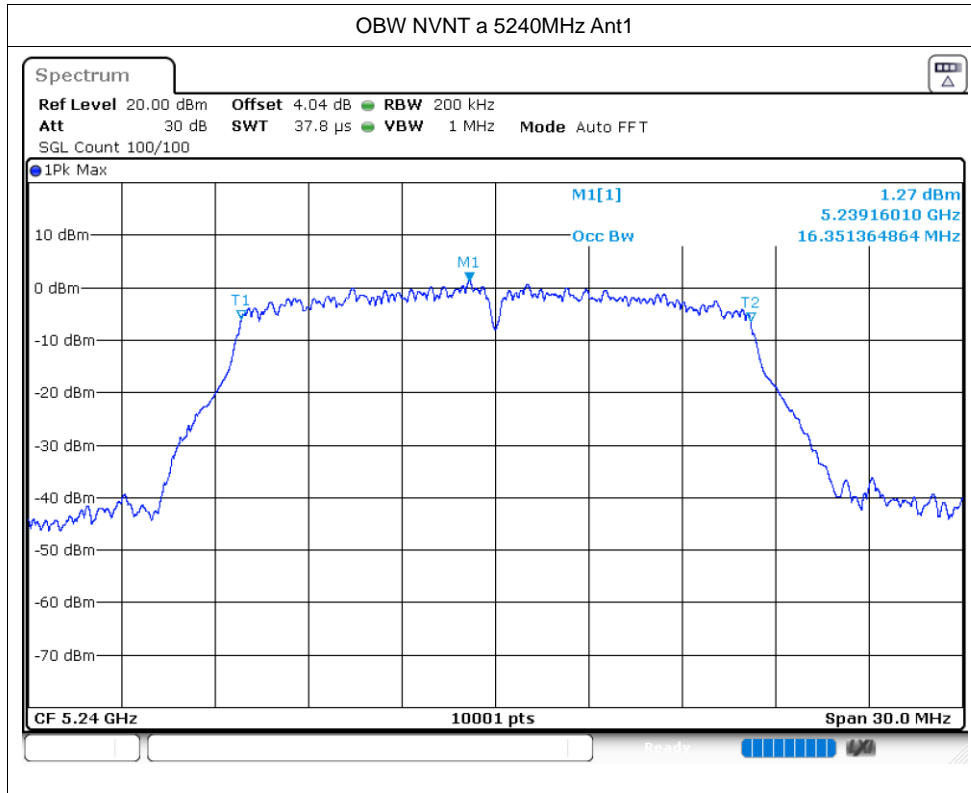


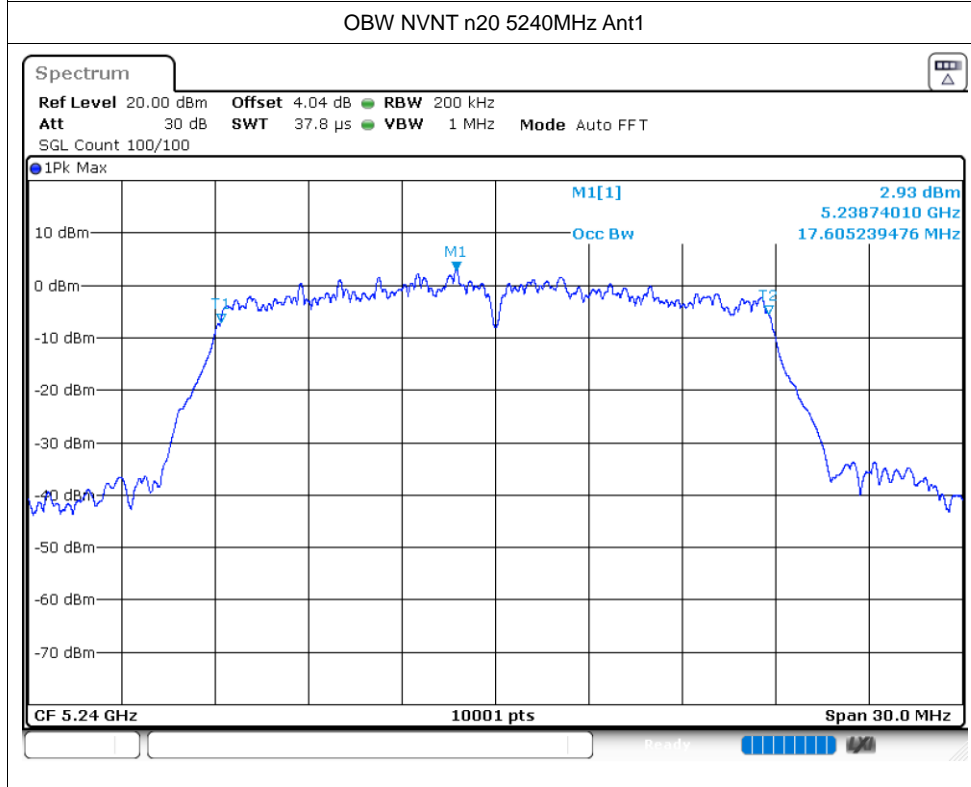
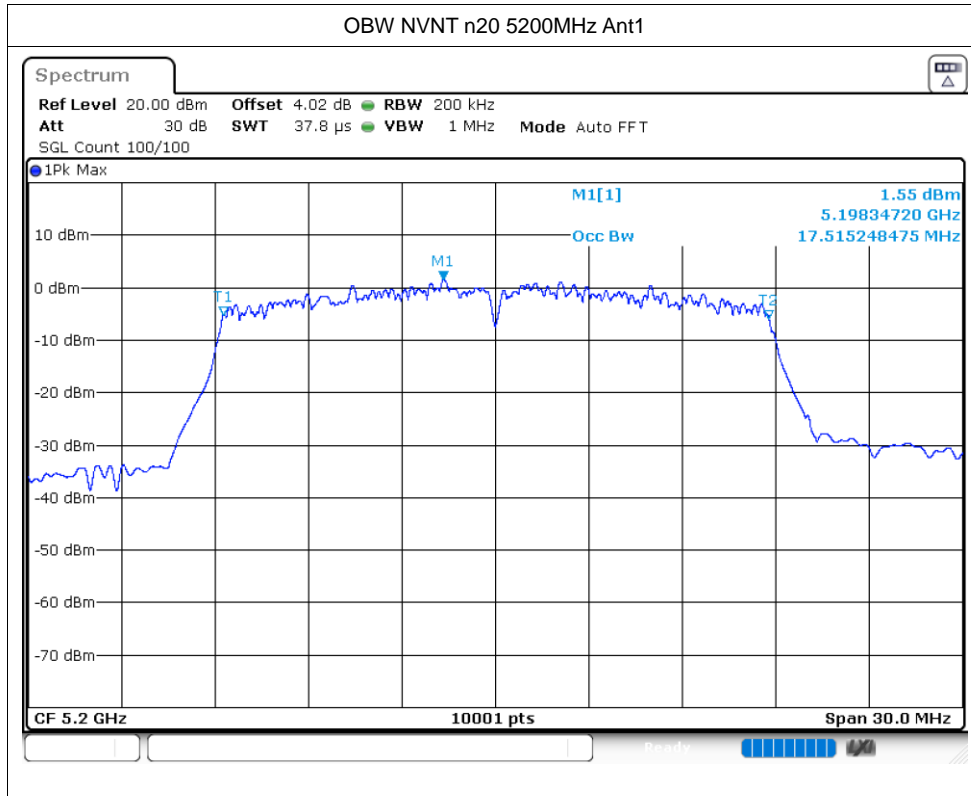


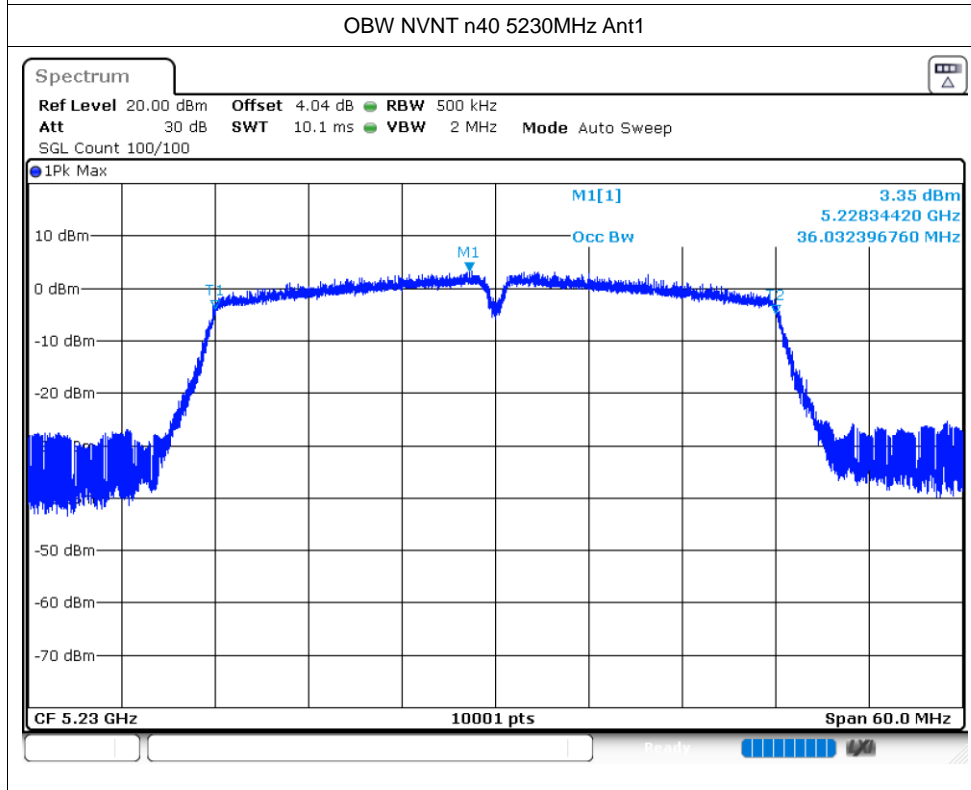
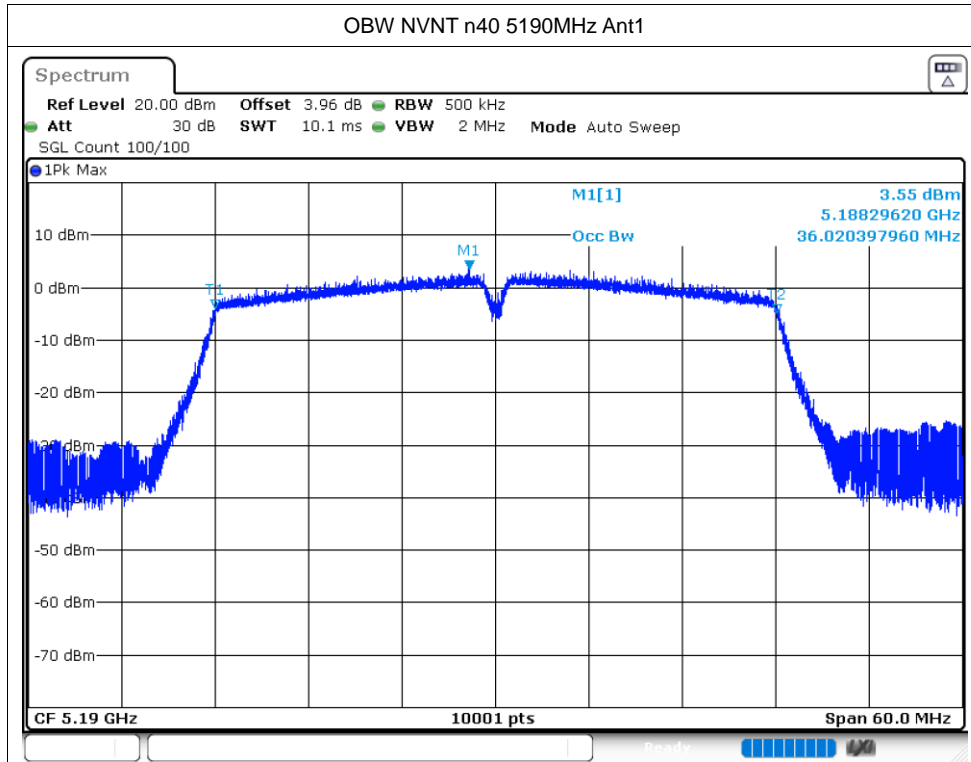
## Occupied Channel Bandwidth

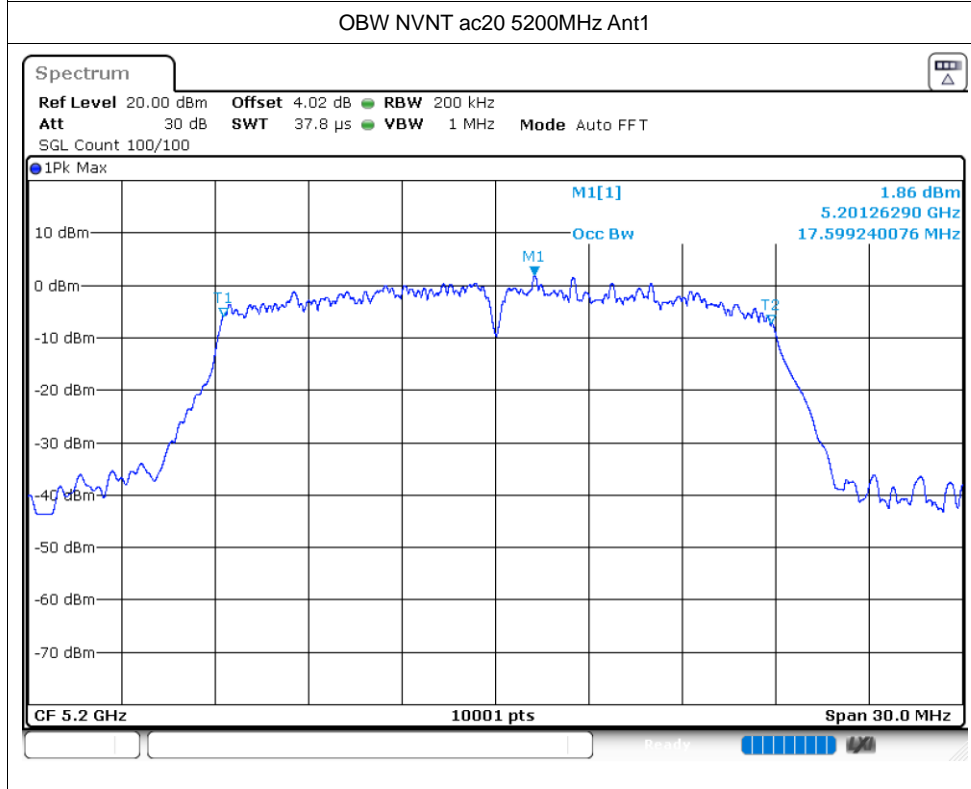
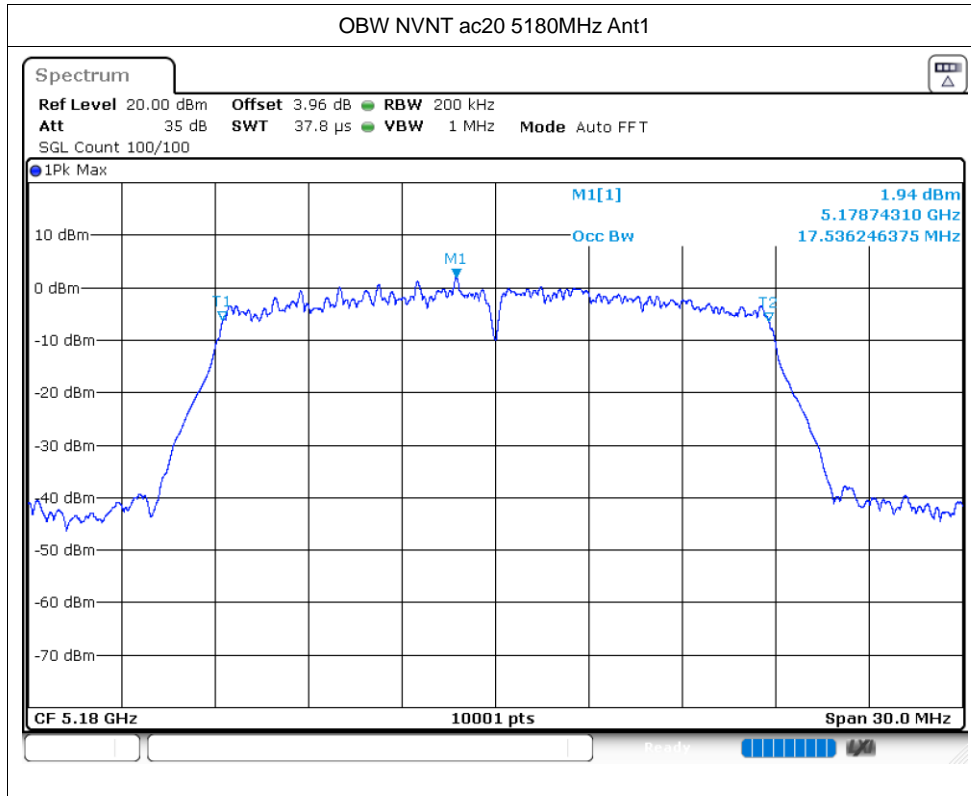
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.423
NVNT	a	5200	Ant1	16.279
NVNT	a	5240	Ant1	16.351
NVNT	n20	5180	Ant1	17.551
NVNT	n20	5200	Ant1	17.515
NVNT	n20	5240	Ant1	17.605
NVNT	n40	5190	Ant1	36.02
NVNT	n40	5230	Ant1	36.032
NVNT	ac20	5180	Ant1	17.536
NVNT	ac20	5200	Ant1	17.599
NVNT	ac20	5240	Ant1	17.521
NVNT	ac40	5190	Ant1	36.008
NVNT	ac40	5230	Ant1	36.002
NVNT	ac80	5210	Ant1	75.136

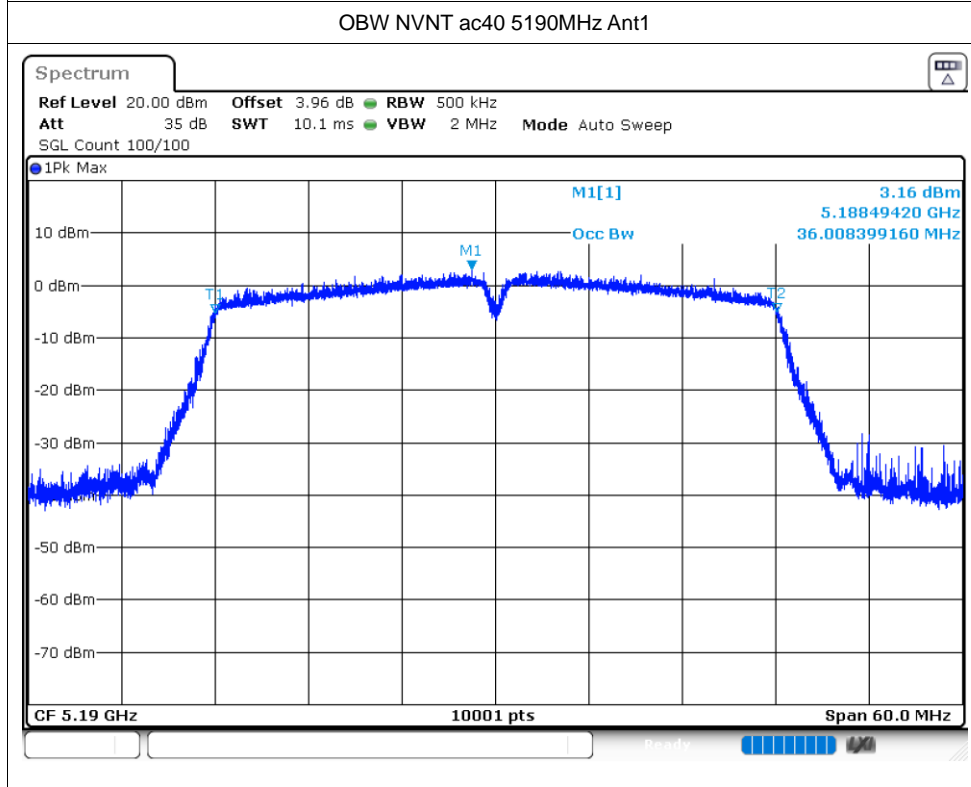
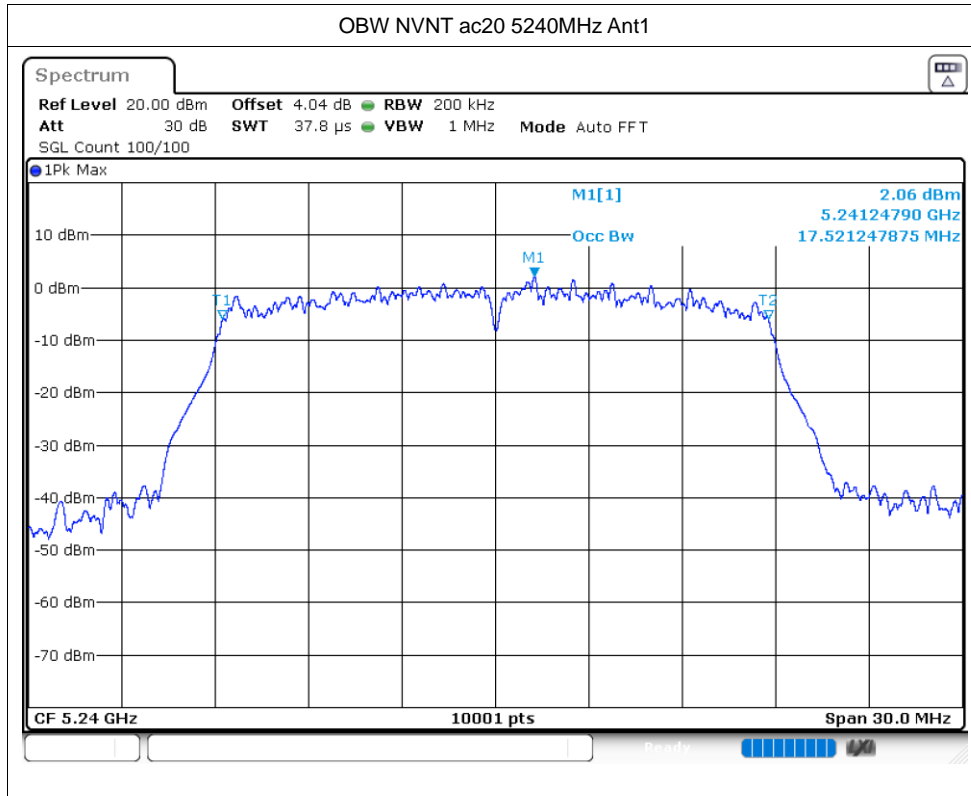




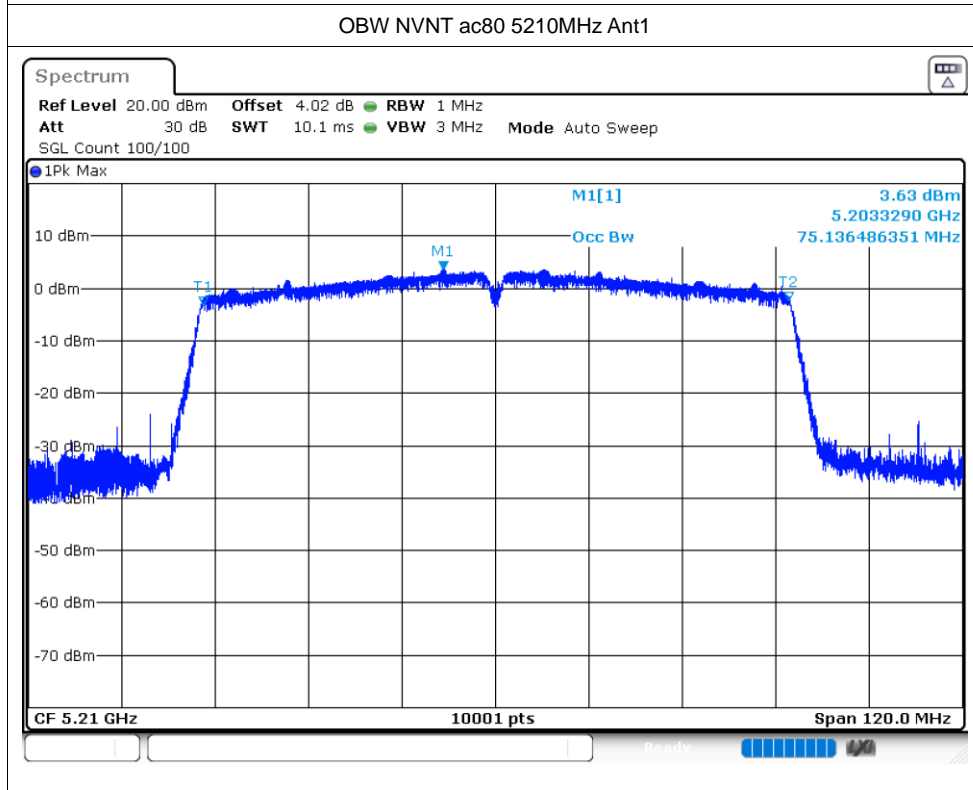
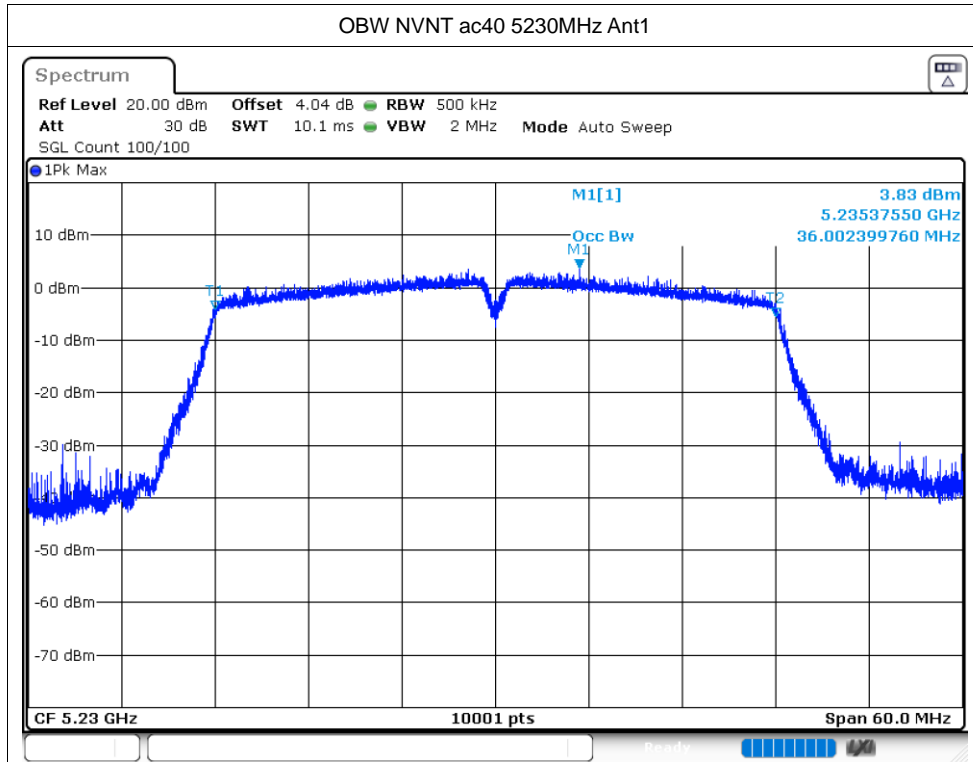






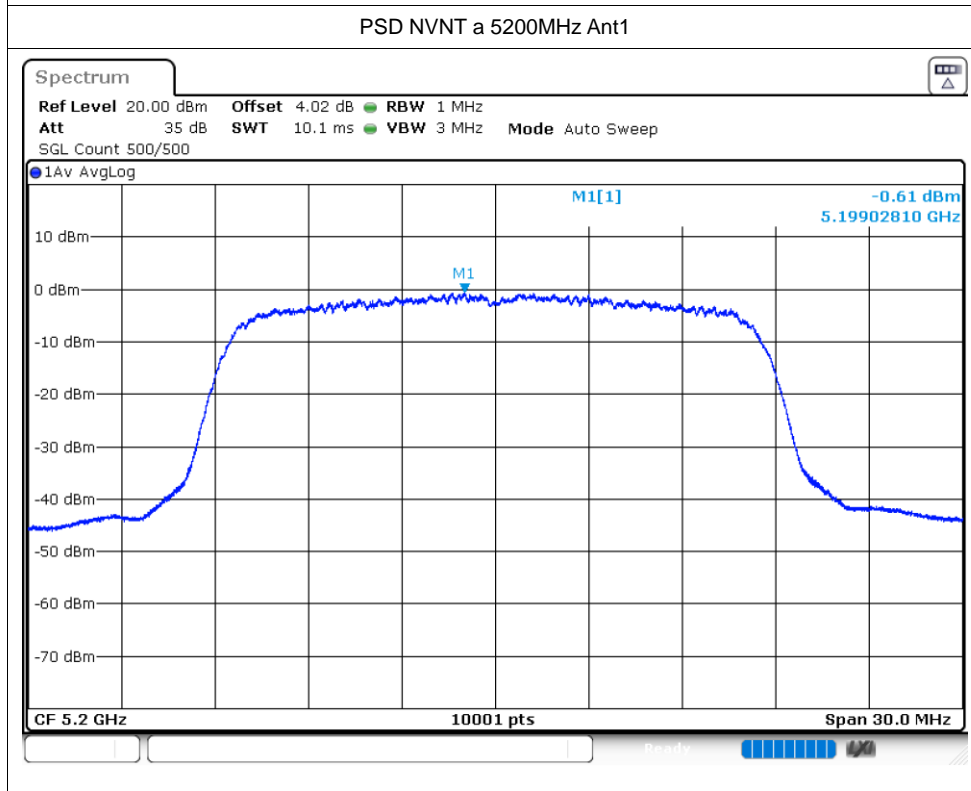
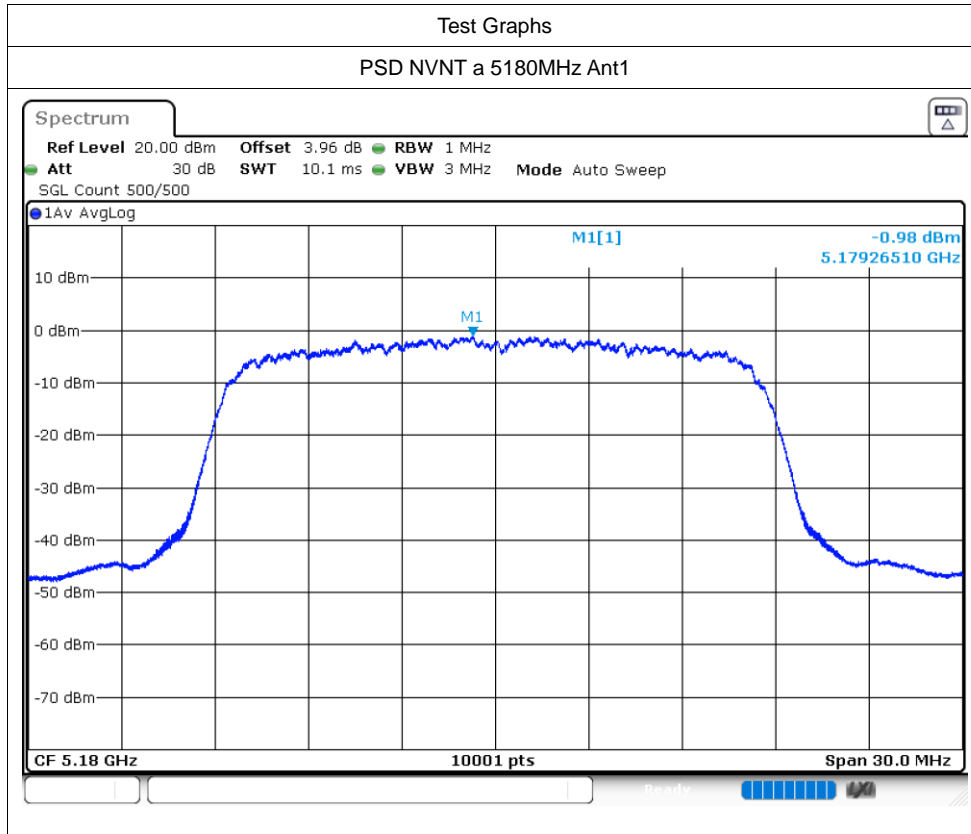


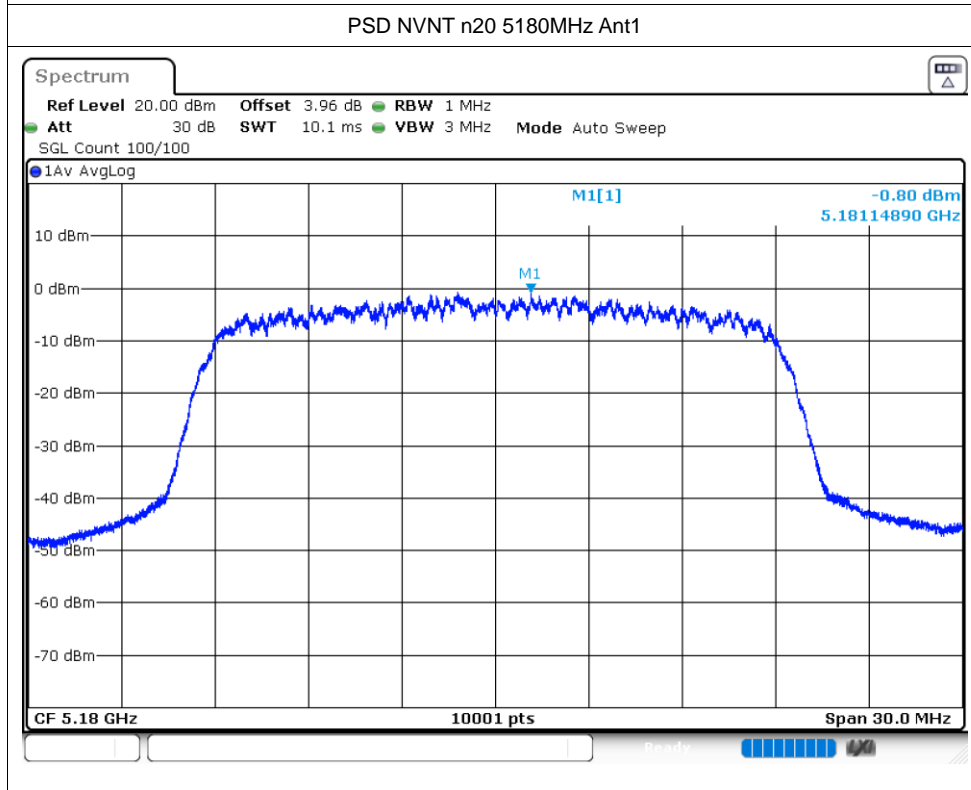
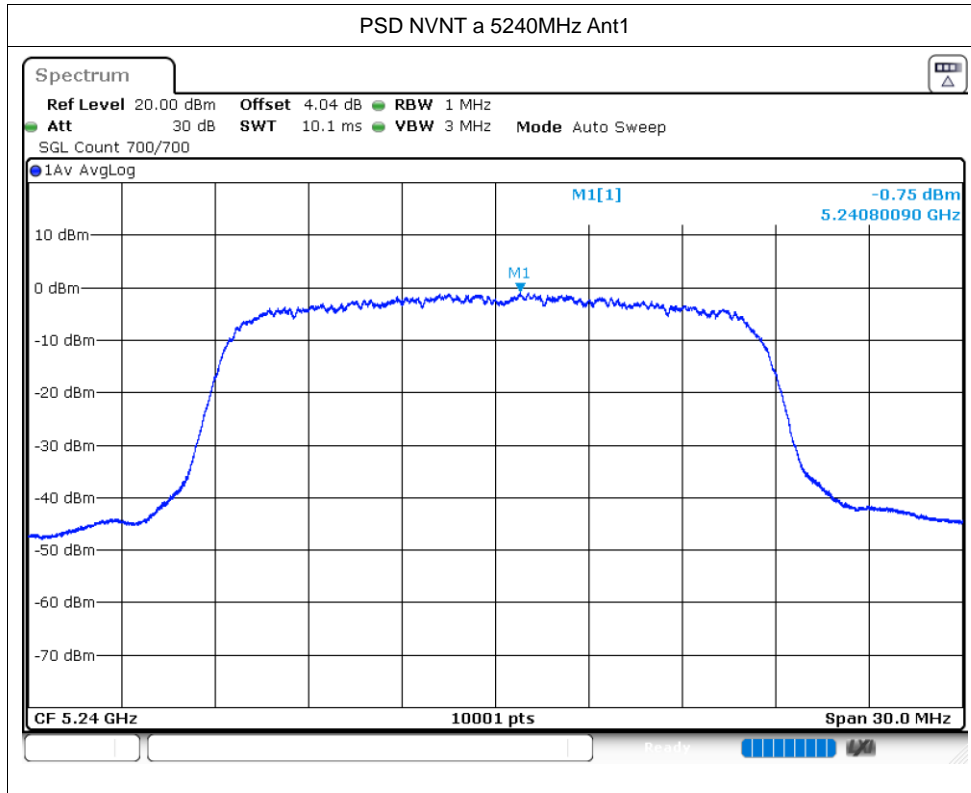


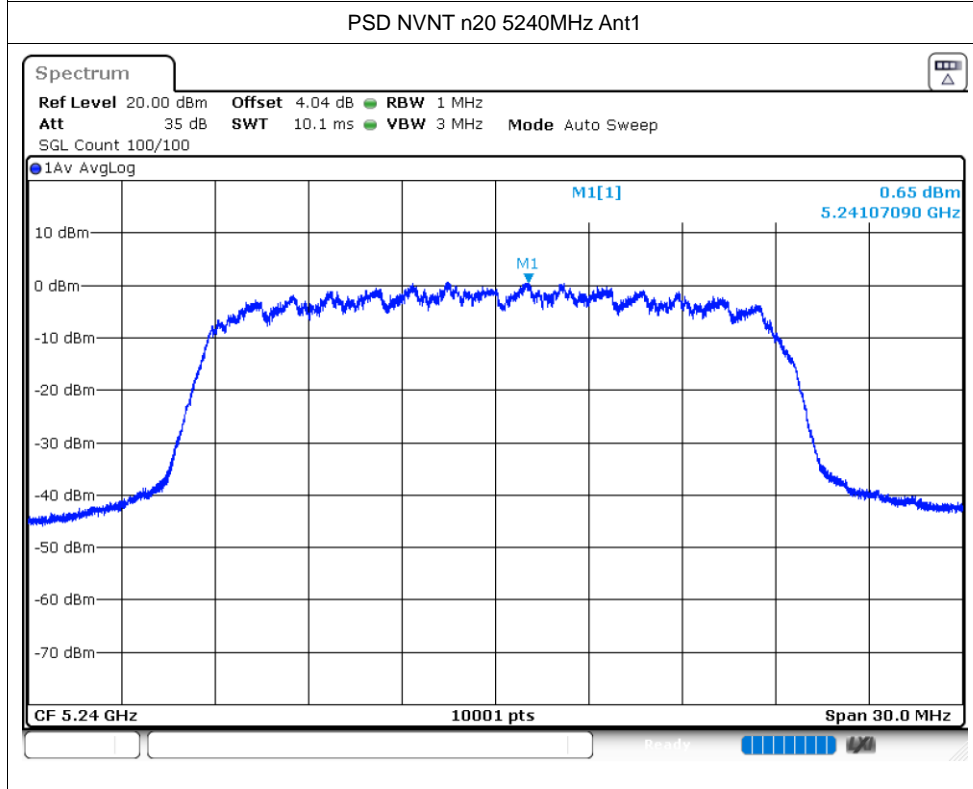
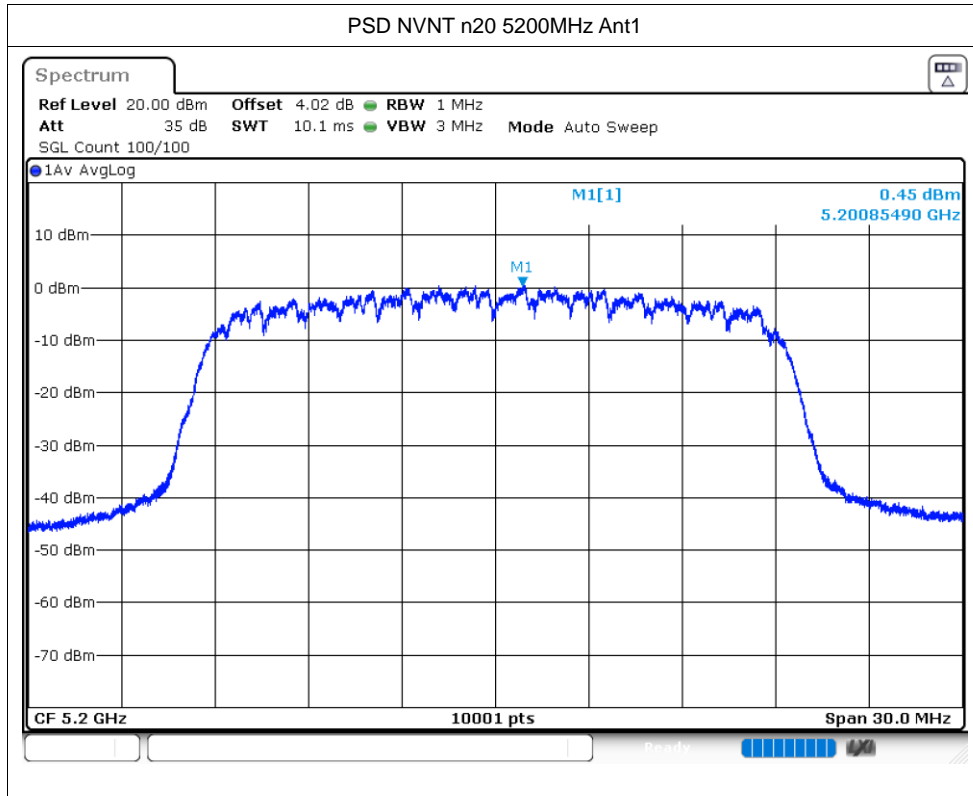


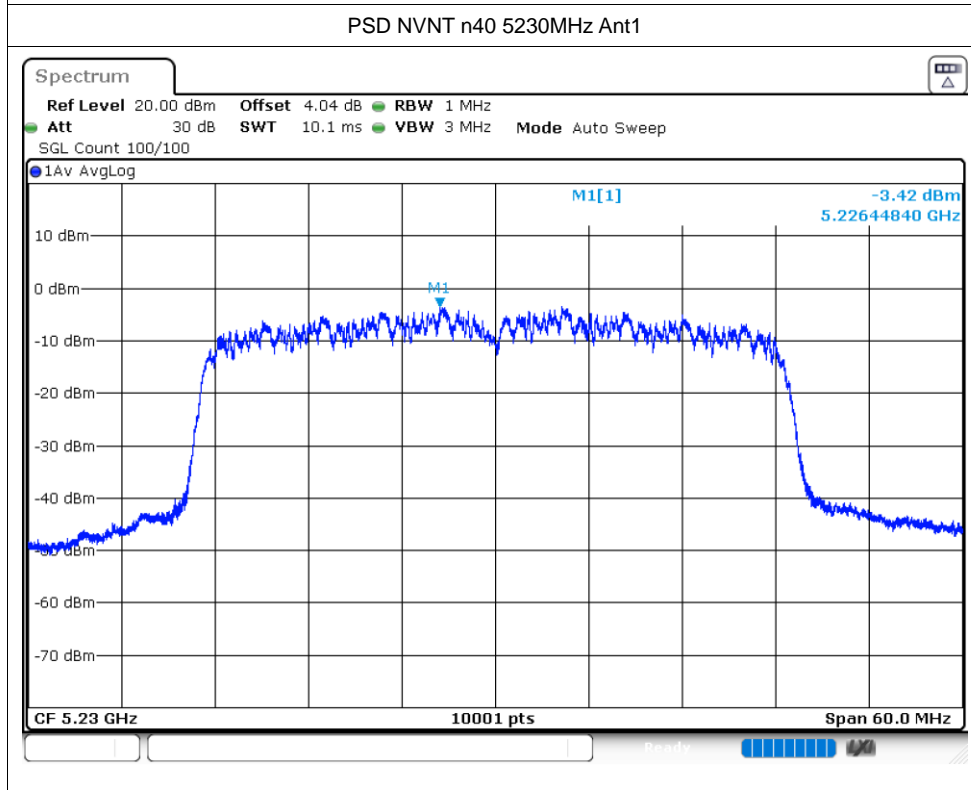
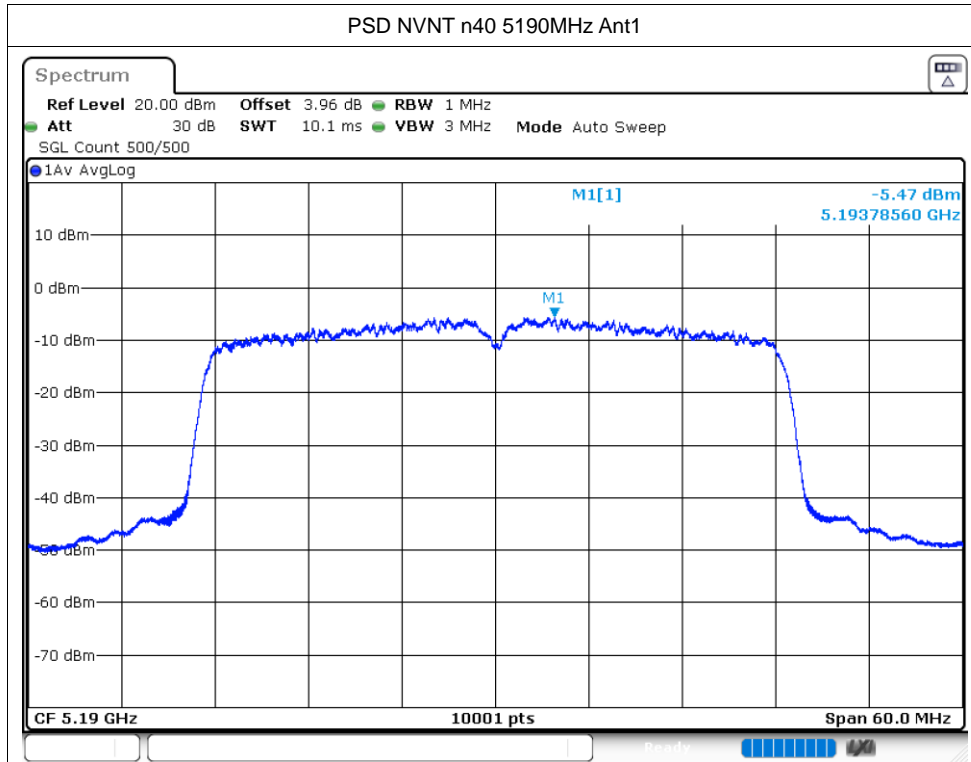
## Maximum Power Spectral Density Level

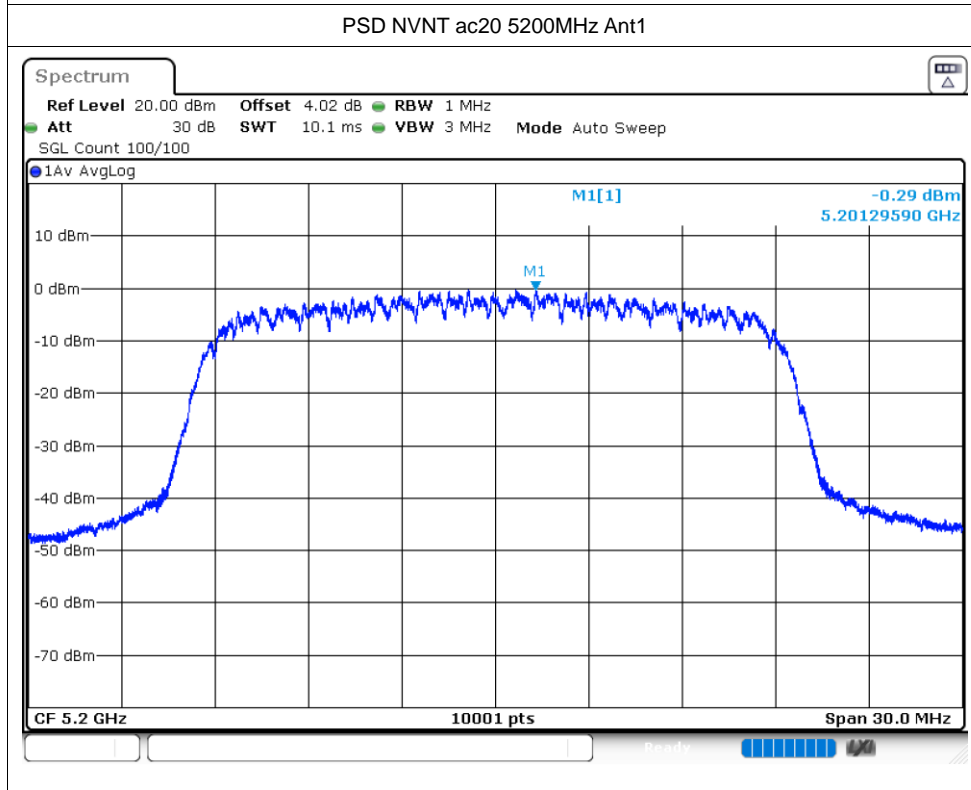
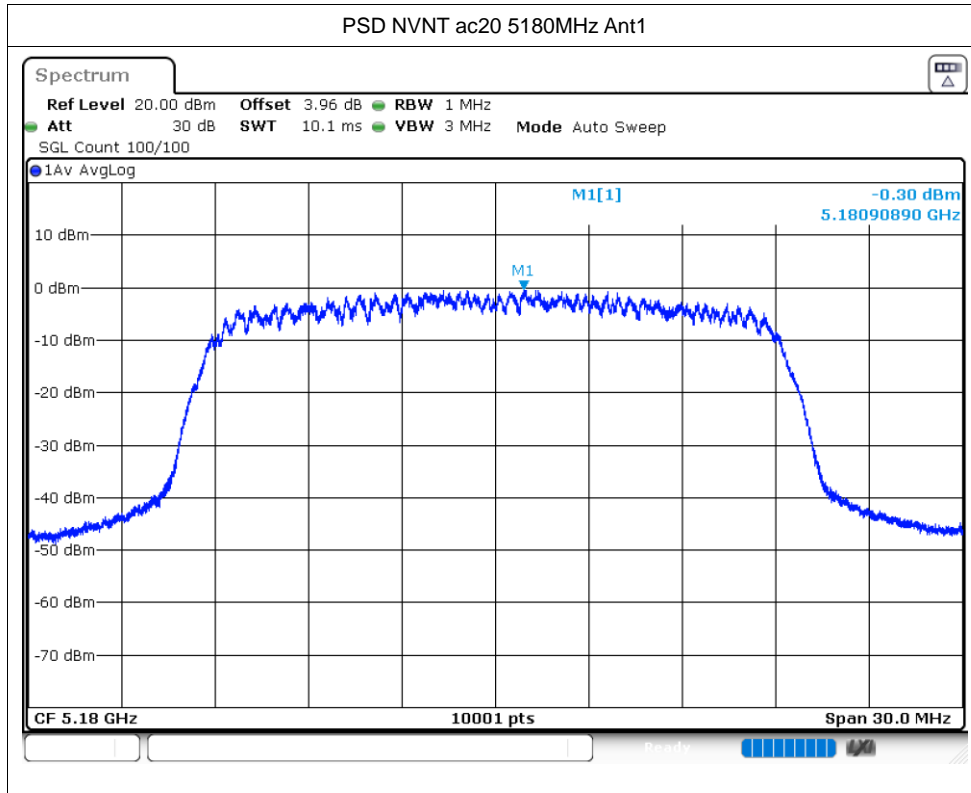
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-0.98	0.1	-0.88	11	Pass
NVNT	a	5200	Ant1	-0.61	0.11	-0.5	11	Pass
NVNT	a	5240	Ant1	-0.75	0.11	-0.64	11	Pass
NVNT	n20	5180	Ant1	-0.8	0.11	-0.69	11	Pass
NVNT	n20	5200	Ant1	0.45	0.11	0.56	11	Pass
NVNT	n20	5240	Ant1	0.65	0.11	0.76	11	Pass
NVNT	n40	5190	Ant1	-5.47	0.22	-5.25	11	Pass
NVNT	n40	5230	Ant1	-3.42	0.22	-3.2	11	Pass
NVNT	ac20	5180	Ant1	-0.3	0.11	-0.19	11	Pass
NVNT	ac20	5200	Ant1	-0.29	0.11	-0.18	11	Pass
NVNT	ac20	5240	Ant1	-0.24	0.11	-0.13	11	Pass
NVNT	ac40	5190	Ant1	-4.64	0.22	-4.42	11	Pass
NVNT	ac40	5230	Ant1	-3.33	0.22	-3.11	11	Pass
NVNT	ac80	5210	Ant1	-9.91	0.42	-9.49	11	Pass

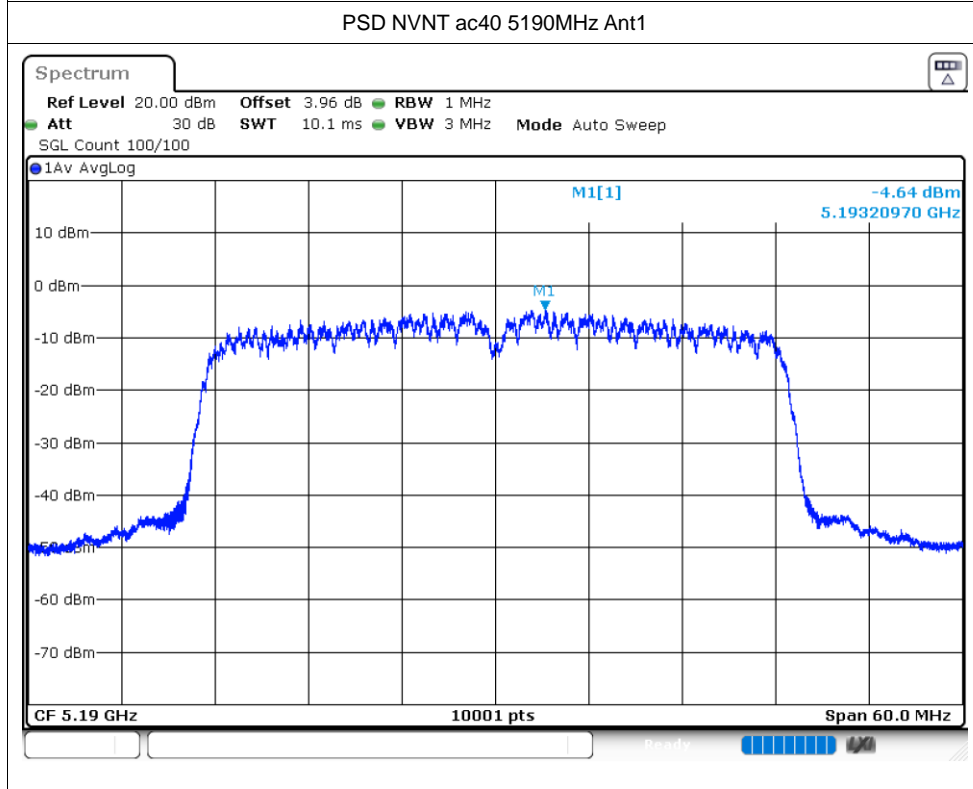
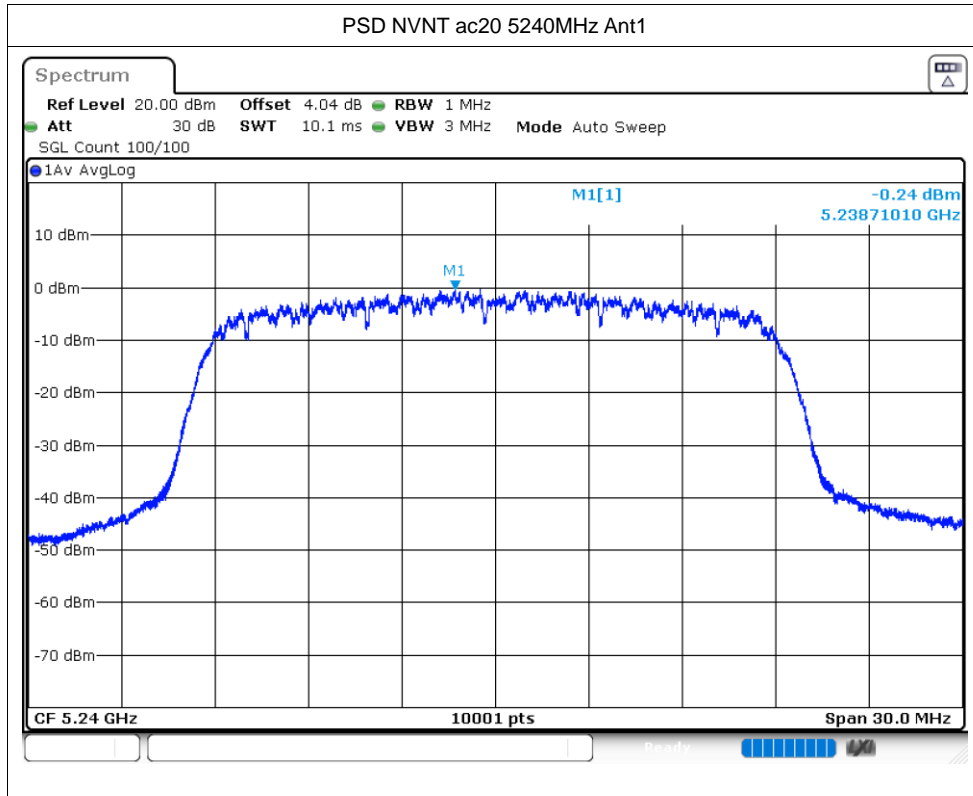












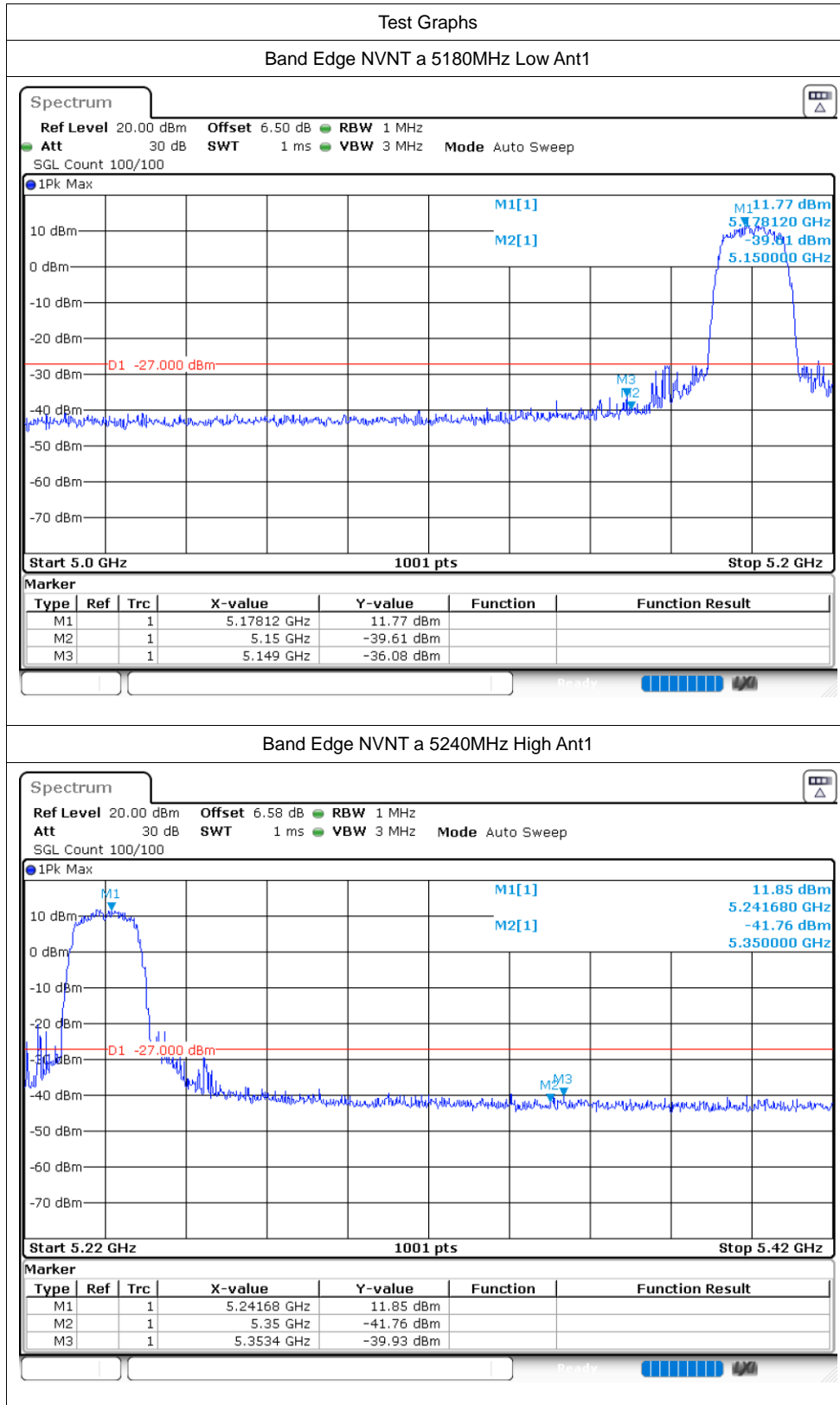


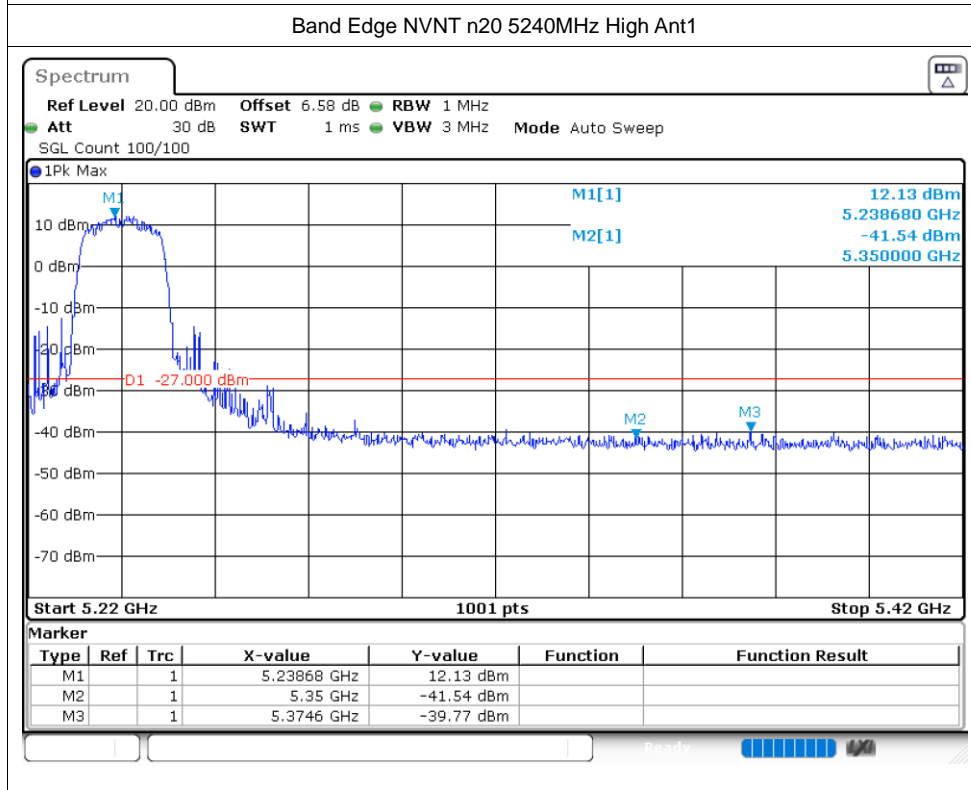
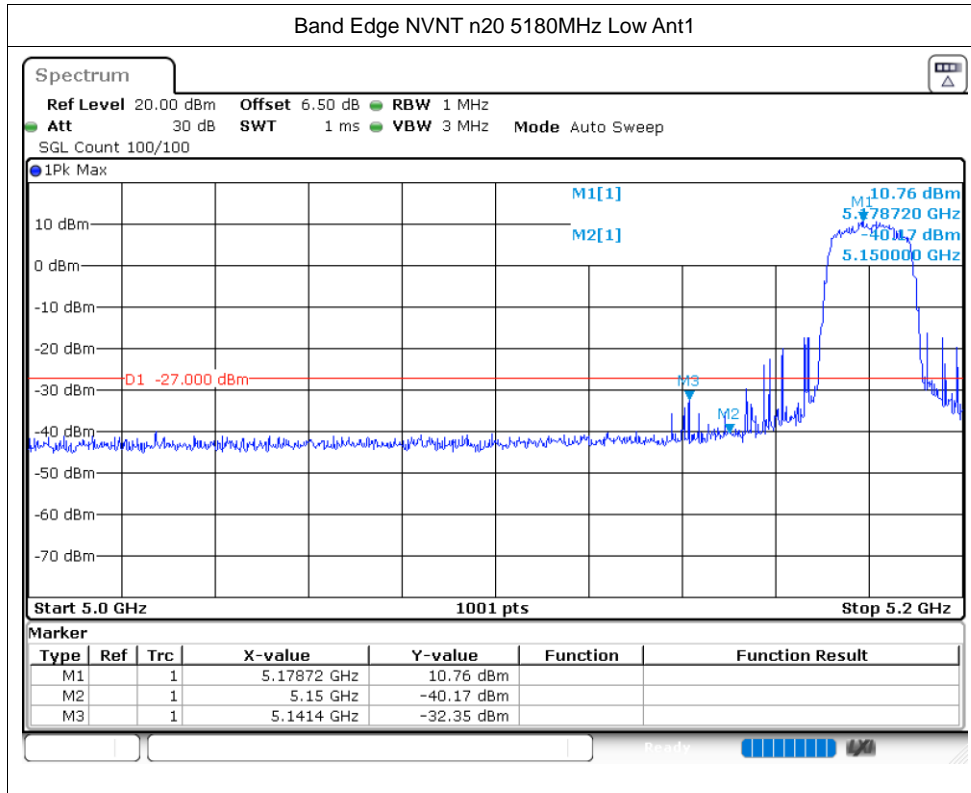


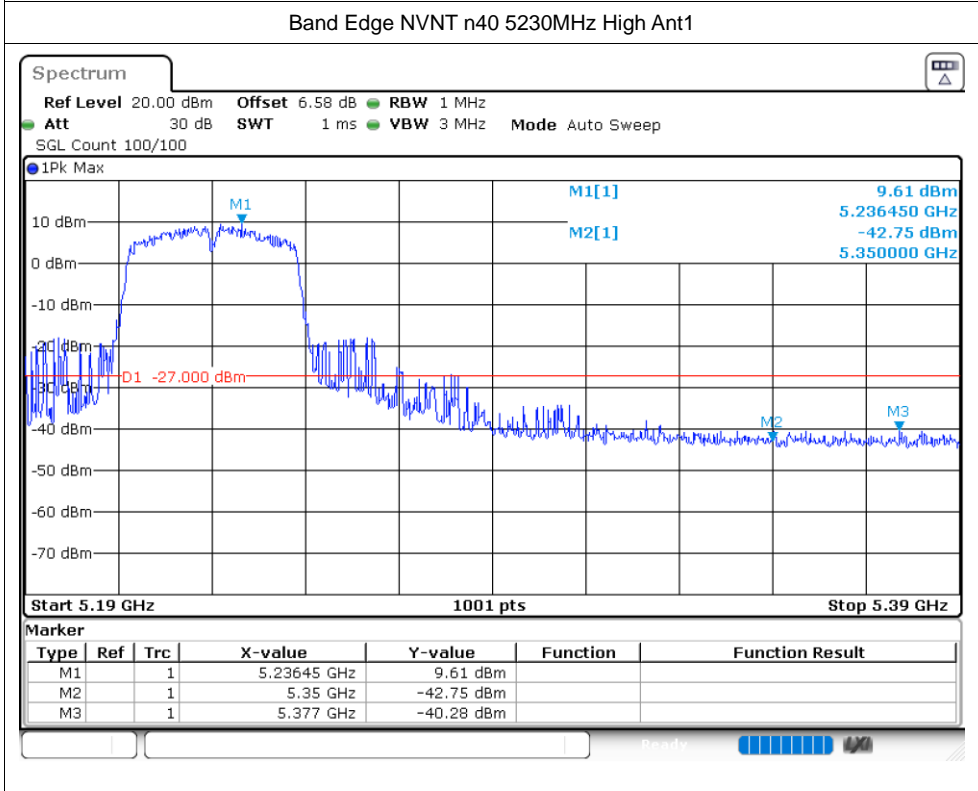
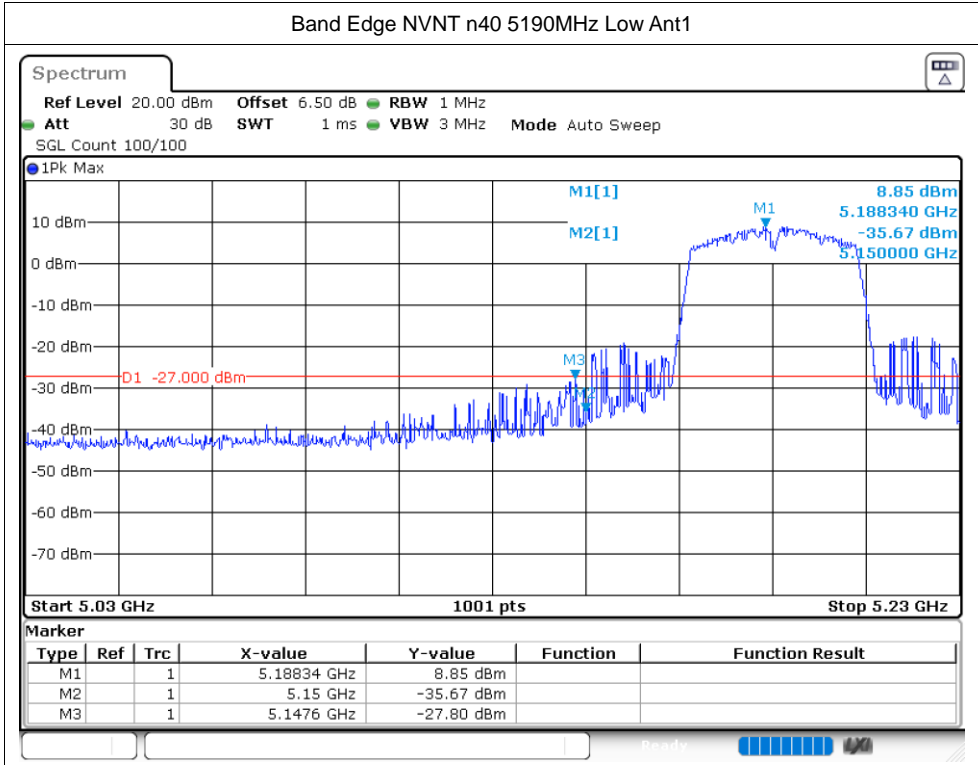
## Band Edge

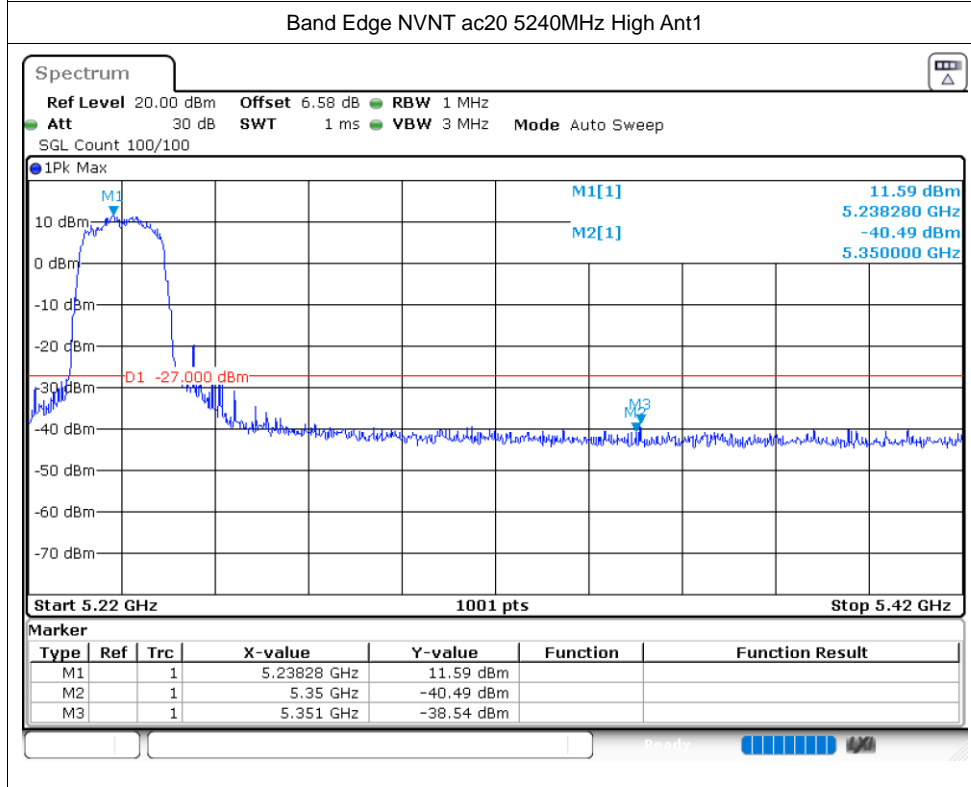
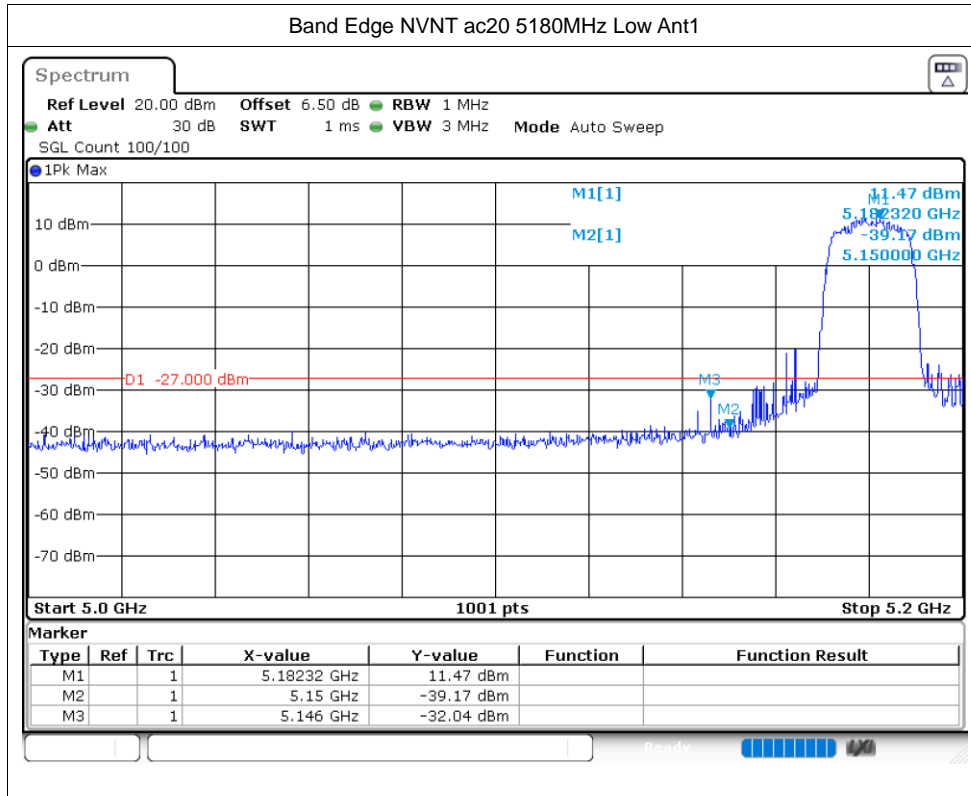
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-36.07	-27	Pass
NVNT	a	5240	Ant1	-39.93	-27	Pass
NVNT	n20	5180	Ant1	-32.34	-27	Pass
NVNT	n20	5240	Ant1	-39.76	-27	Pass
NVNT	n40	5190	Ant1	-27.8	-27	Pass
NVNT	n40	5230	Ant1	-40.27	-27	Pass
NVNT	ac20	5180	Ant1	-32.03	-27	Pass
NVNT	ac20	5240	Ant1	-38.54	-27	Pass
NVNT	ac40	5190	Ant1	-31.07	-27	Pass
NVNT	ac40	5230	Ant1	-39.54	-27	Pass
NVNT	ac80	5210	Ant1	-39.24	-27	Pass

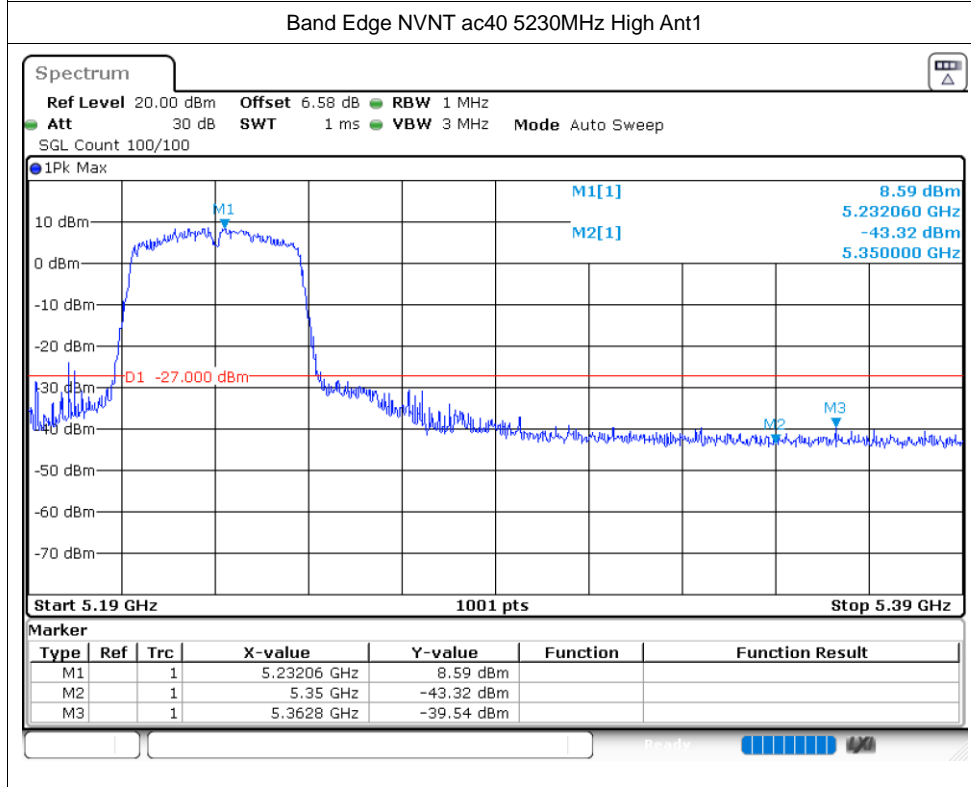
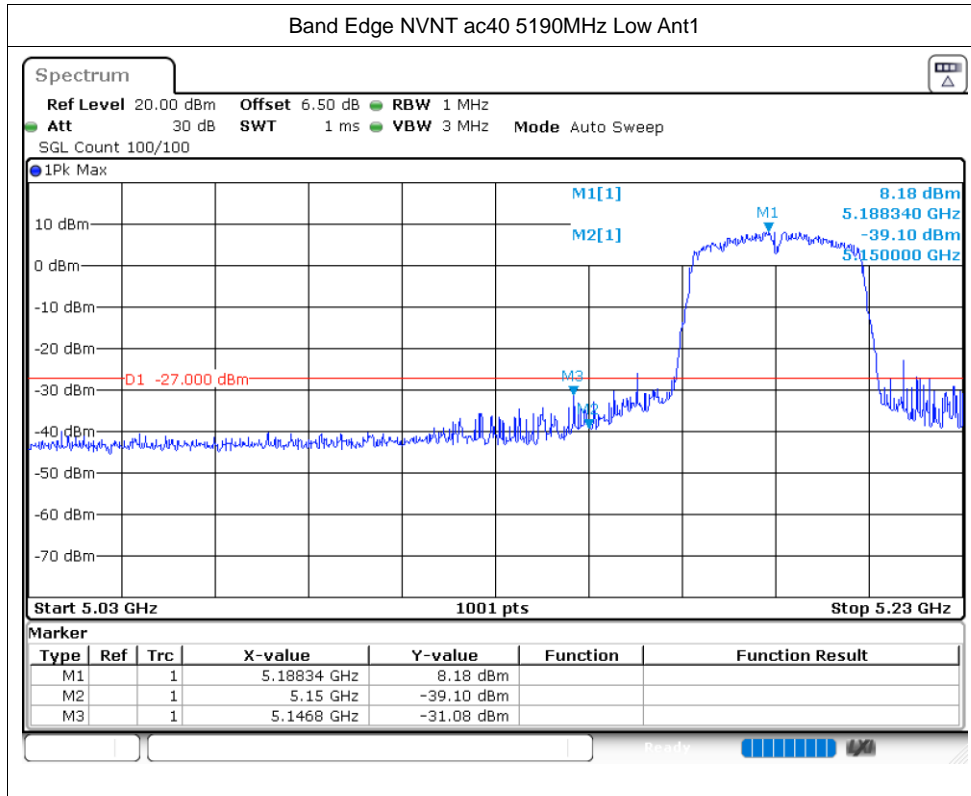
Note: This test has increased antenna gain .

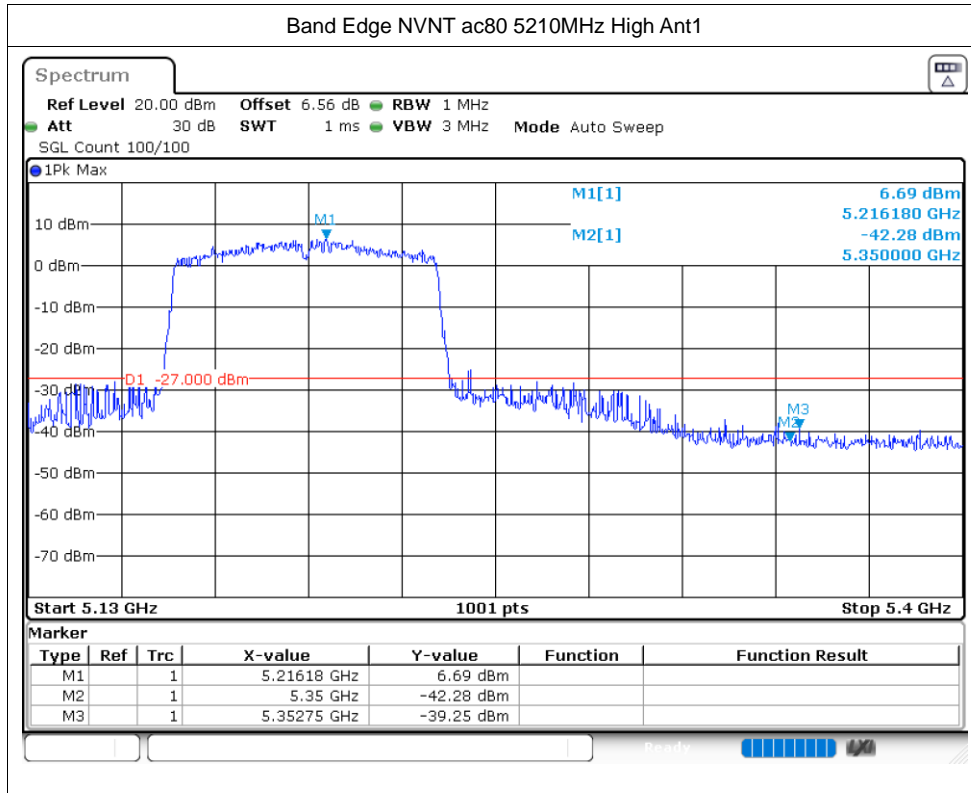














## Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-31.94	-27	Pass
NVNT	a	5200	Ant1	-32.5	-27	Pass
NVNT	a	5240	Ant1	-32.07	-27	Pass
NVNT	n20	5180	Ant1	-32.22	-27	Pass
NVNT	n20	5200	Ant1	-31.98	-27	Pass
NVNT	n20	5240	Ant1	-32.44	-27	Pass
NVNT	n40	5190	Ant1	-32.28	-27	Pass
NVNT	n40	5230	Ant1	-32.29	-27	Pass
NVNT	ac20	5180	Ant1	-32.03	-27	Pass
NVNT	ac20	5200	Ant1	-32.04	-27	Pass
NVNT	ac20	5240	Ant1	-31.5	-27	Pass
NVNT	ac40	5190	Ant1	-32.62	-27	Pass
NVNT	ac40	5230	Ant1	-32.3	-27	Pass
NVNT	ac80	5210	Ant1	-32.08	-27	Pass

