

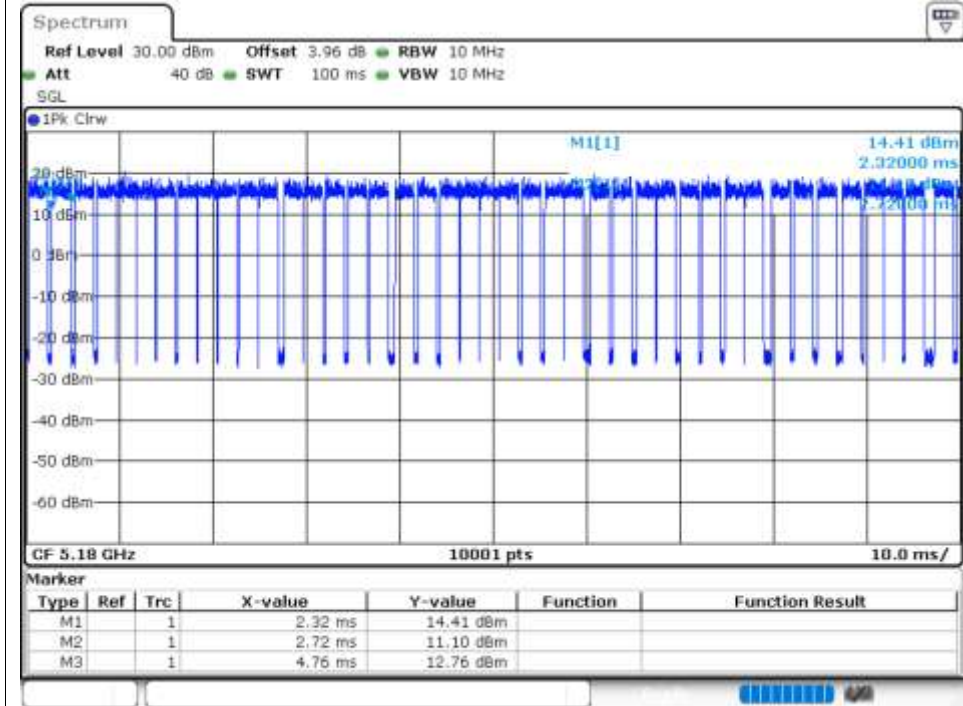
5.2G

Duty Cycle

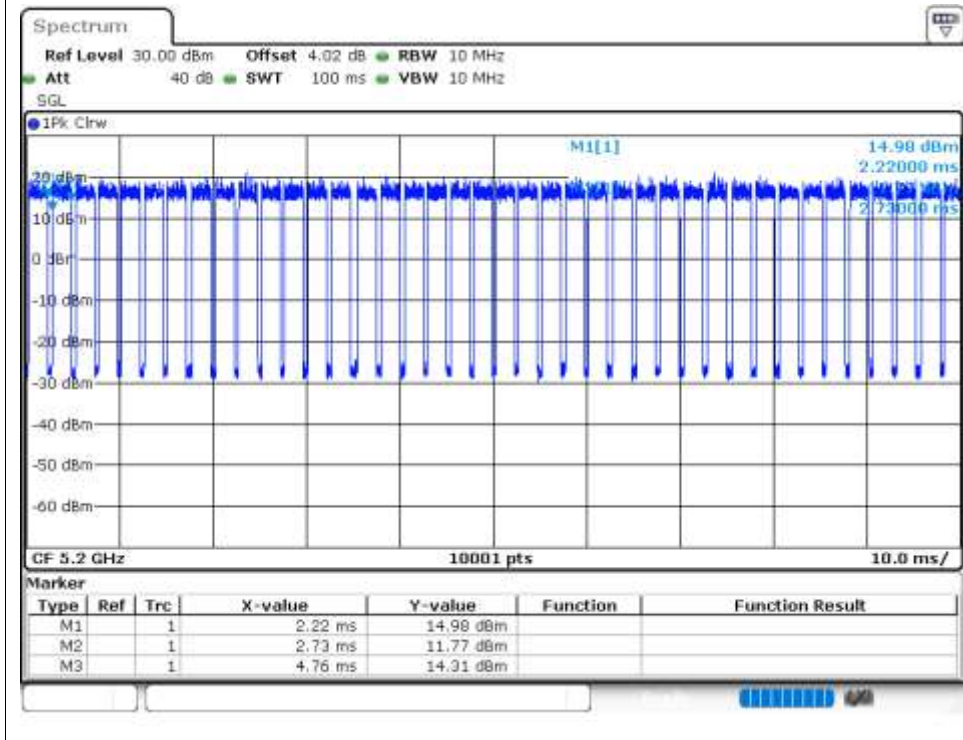
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	86.12	0.65	0.49
NVNT	a	5200	Ant1	81.36	0.9	0.49
NVNT	a	5240	Ant1	81.64	0.88	0.49
NVNT	n20	5180	Ant1	87.33	0.59	0.53
NVNT	n20	5200	Ant1	83.67	0.77	0.53
NVNT	n20	5240	Ant1	79.1	1.02	0.53
NVNT	n40	5190	Ant1	91	0.41	0.41
NVNT	n40	5230	Ant1	83.11	0.8	0.4
NVNT	ac20	5180	Ant1	86.34	0.64	0.53
NVNT	ac20	5200	Ant1	83.73	0.77	0.53
NVNT	ac20	5240	Ant1	80.14	0.96	0.53
NVNT	ac40	5190	Ant1	80.95	0.92	0.4
NVNT	ac40	5230	Ant1	84.56	0.73	0.4
NVNT	ac80	5210	Ant1	92.35	0.35	0.44
NVNT	ax20	5180	Ant1	88.32	0.54	0.68
NVNT	ax20	5200	Ant1	82.1	0.86	0.68
NVNT	ax20	5240	Ant1	80.68	0.93	0.68
NVNT	ax40	5190	Ant1	81.56	0.89	1.32
NVNT	ax40	5230	Ant1	71.34	1.47	1.32
NVNT	ax80	5210	Ant1	91.17	0.4	0.53

Test Graphs

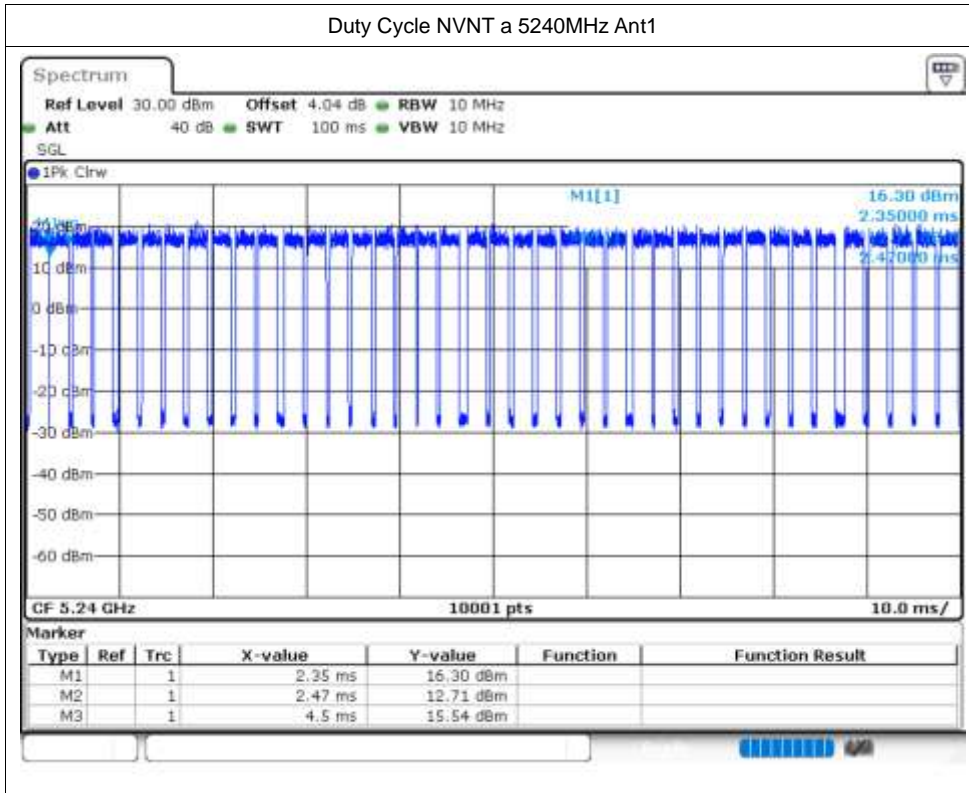
Duty Cycle NVNT a 5180MHz Ant1



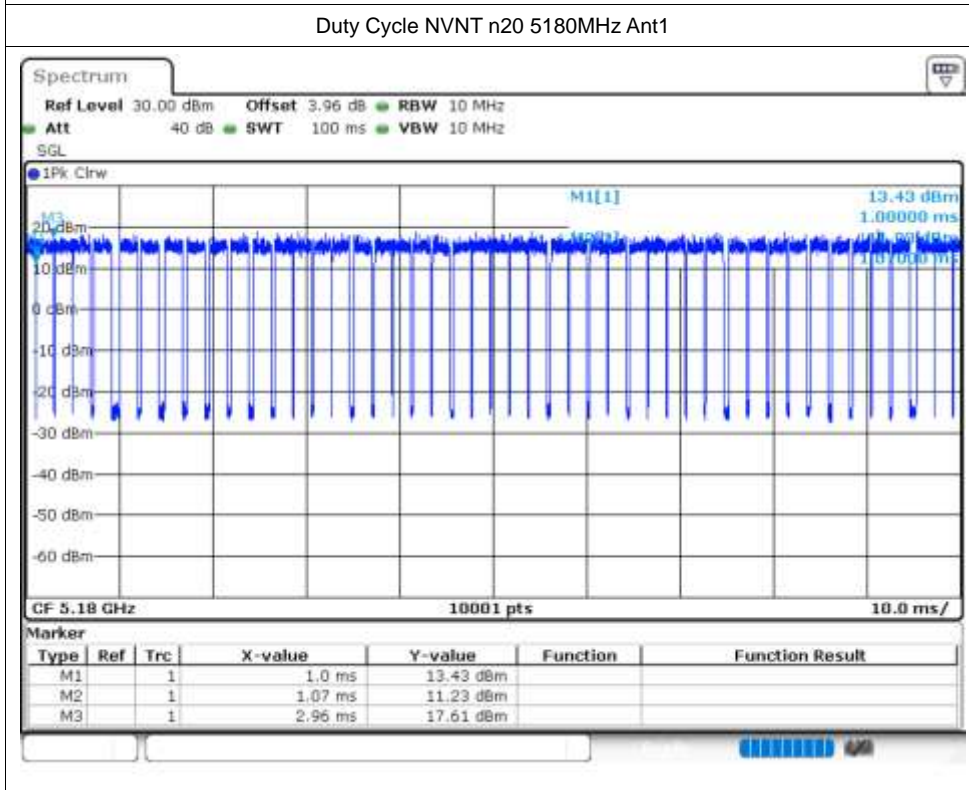
Duty Cycle NVNT a 5200MHz Ant1



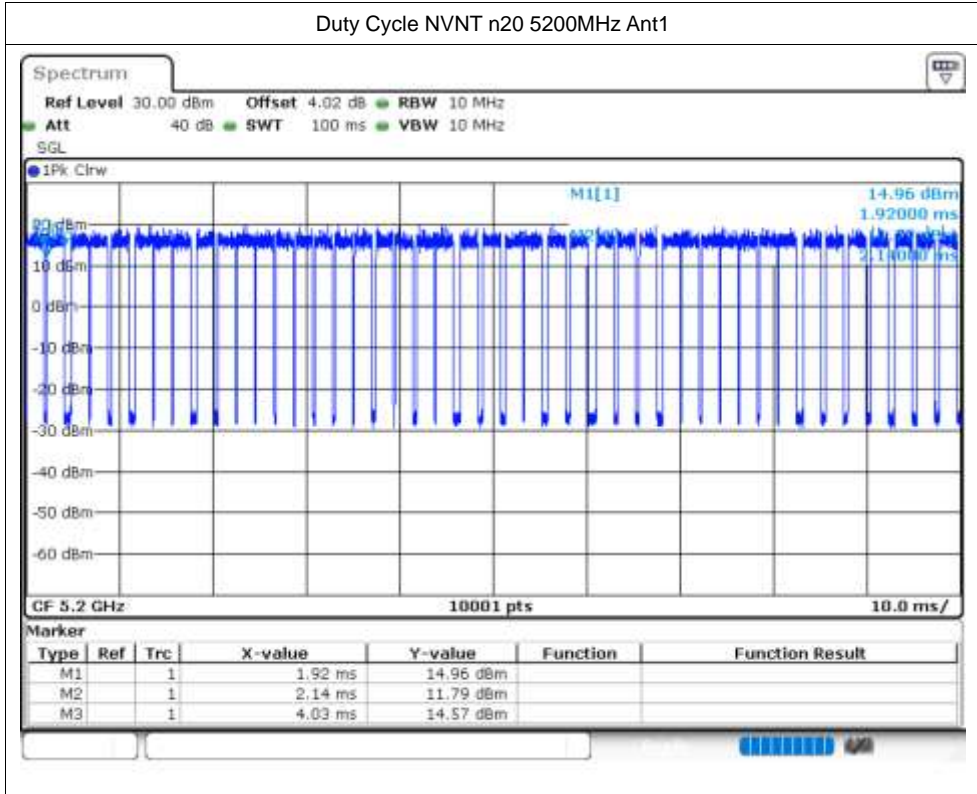
Duty Cycle NVNT a 5240MHz Ant1



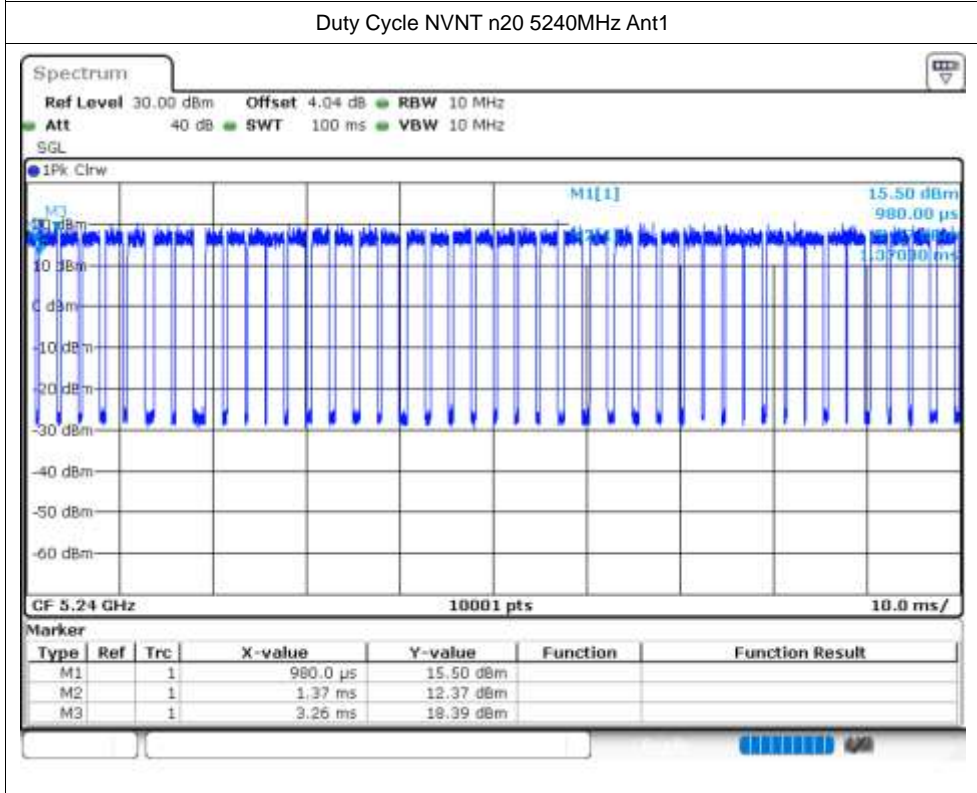
Duty Cycle NVNT n20 5180MHz Ant1



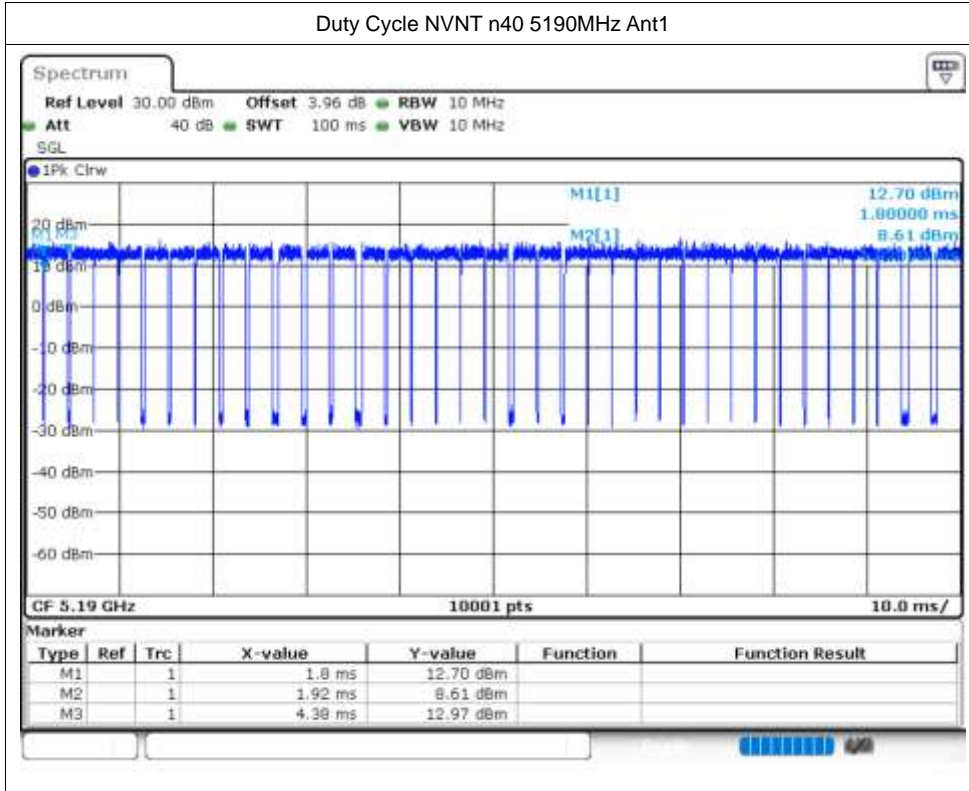
Duty Cycle NVNT n20 5200MHz Ant1



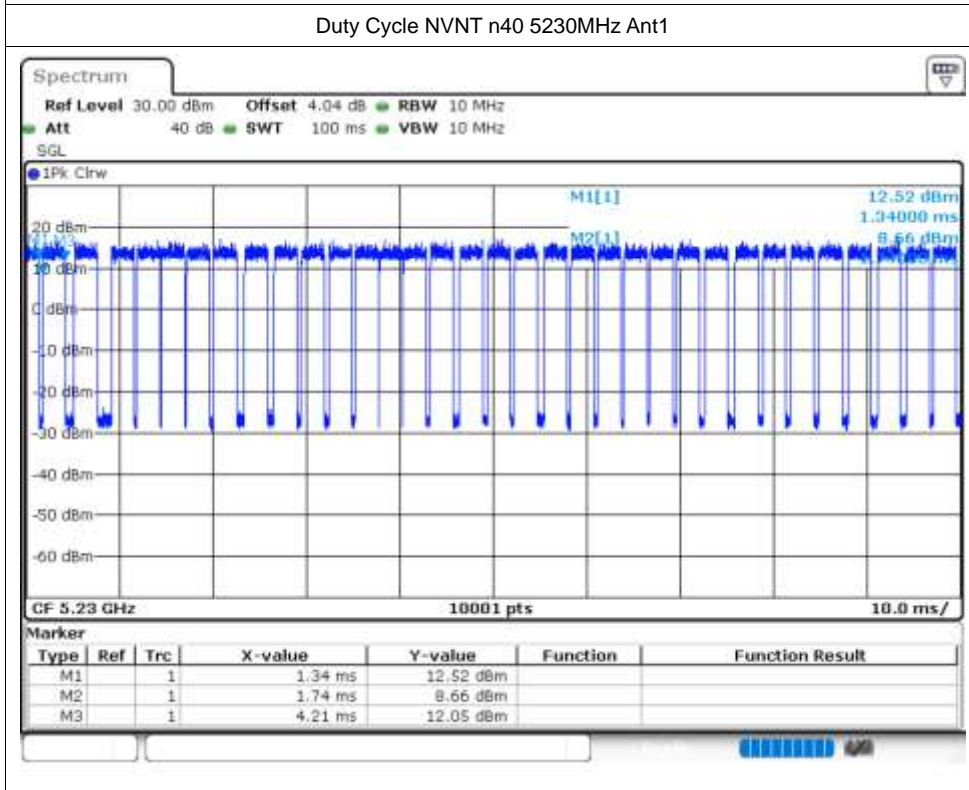
Duty Cycle NVNT n20 5240MHz Ant1



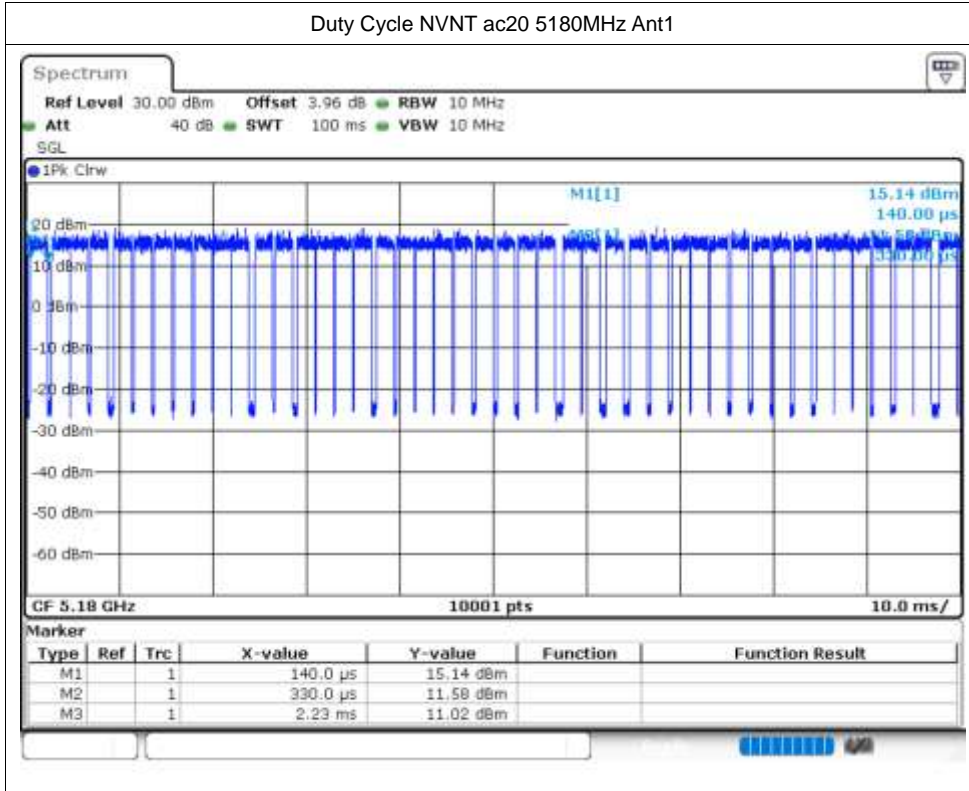
Duty Cycle NVNT n40 5190MHz Ant1



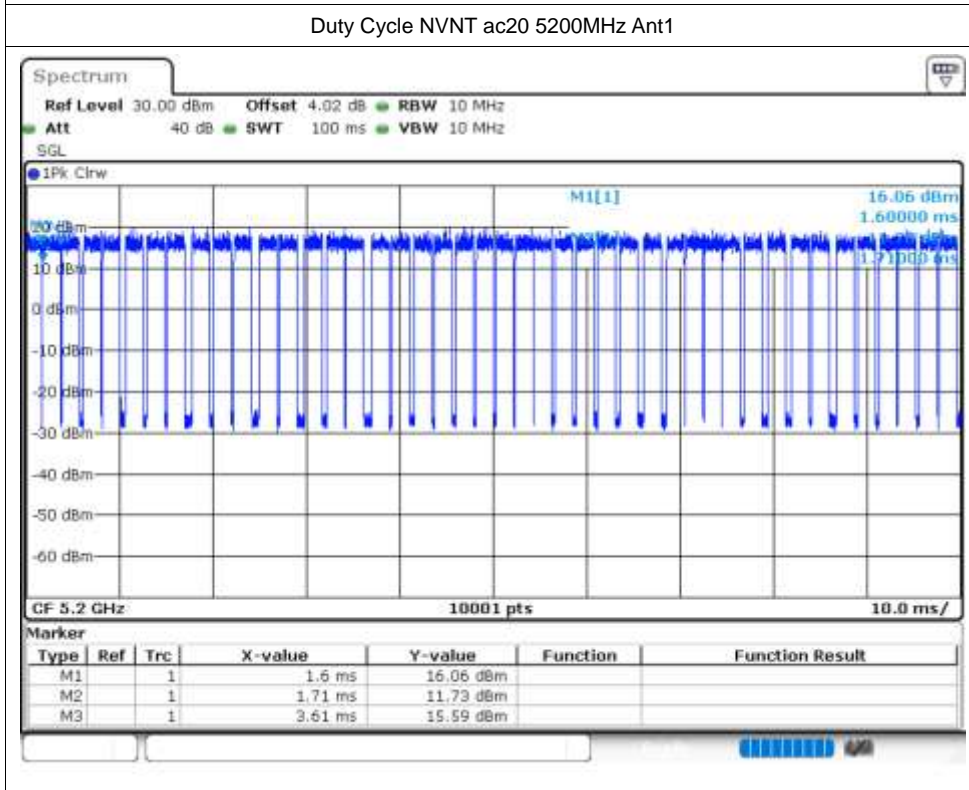
Duty Cycle NVNT n40 5230MHz Ant1



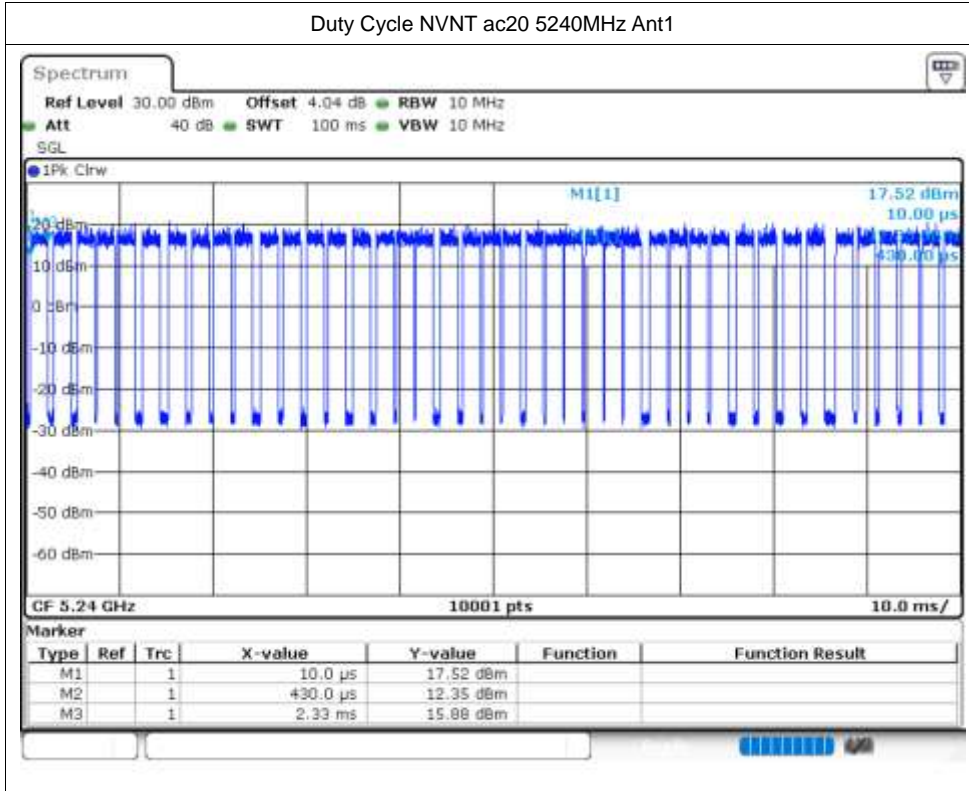
Duty Cycle NVNT ac20 5180MHz Ant1



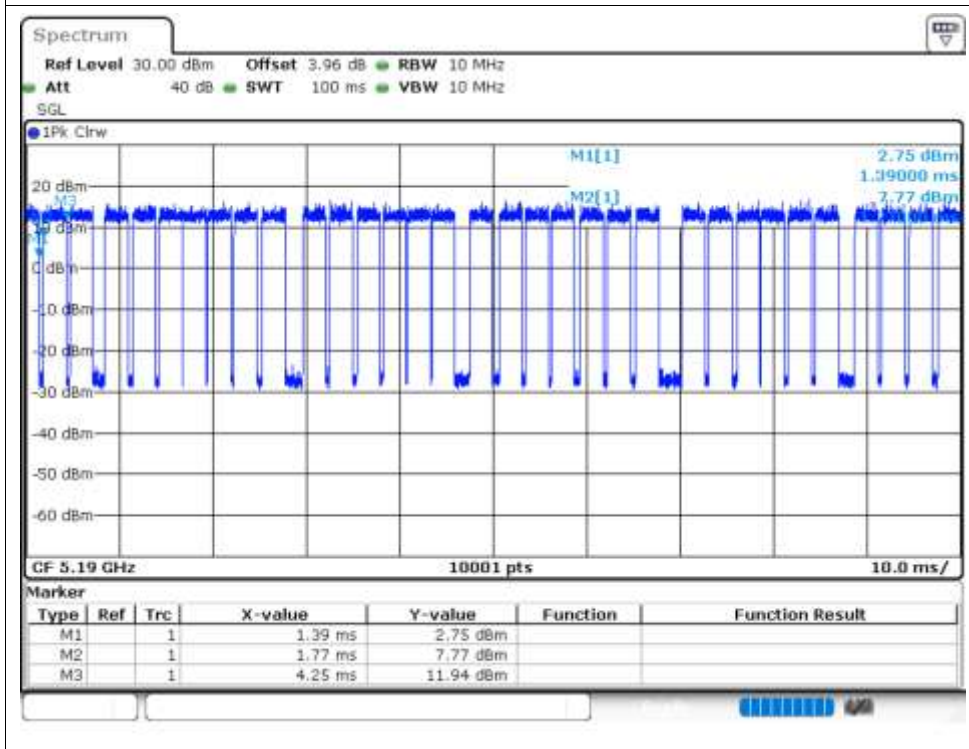
Duty Cycle NVNT ac20 5200MHz Ant1

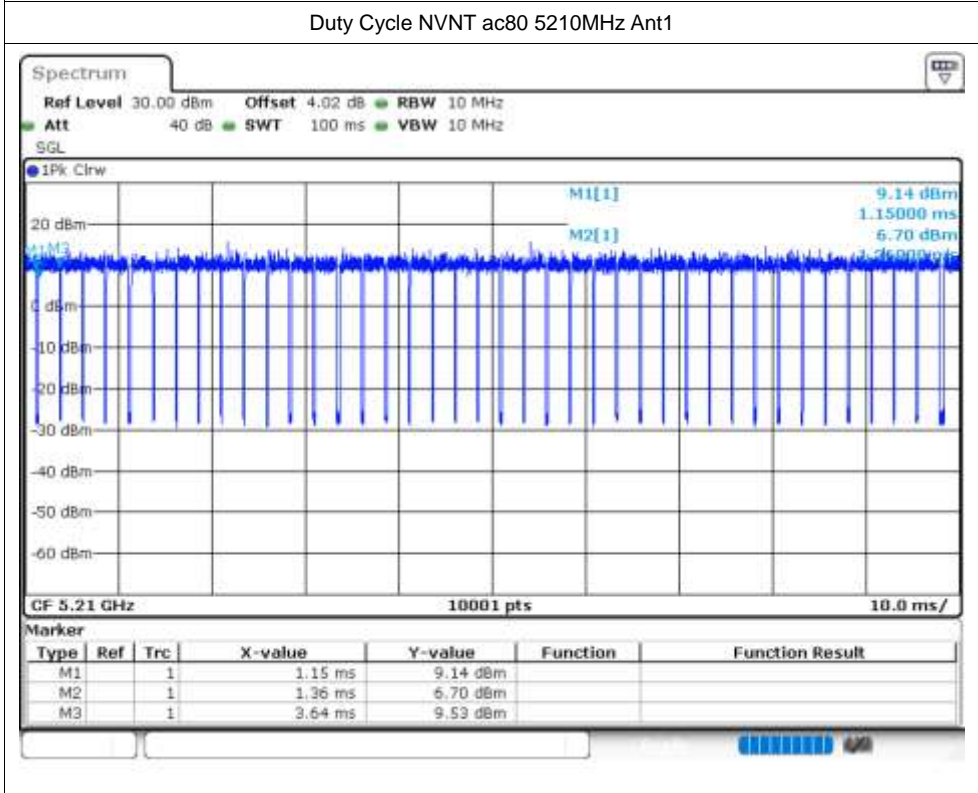
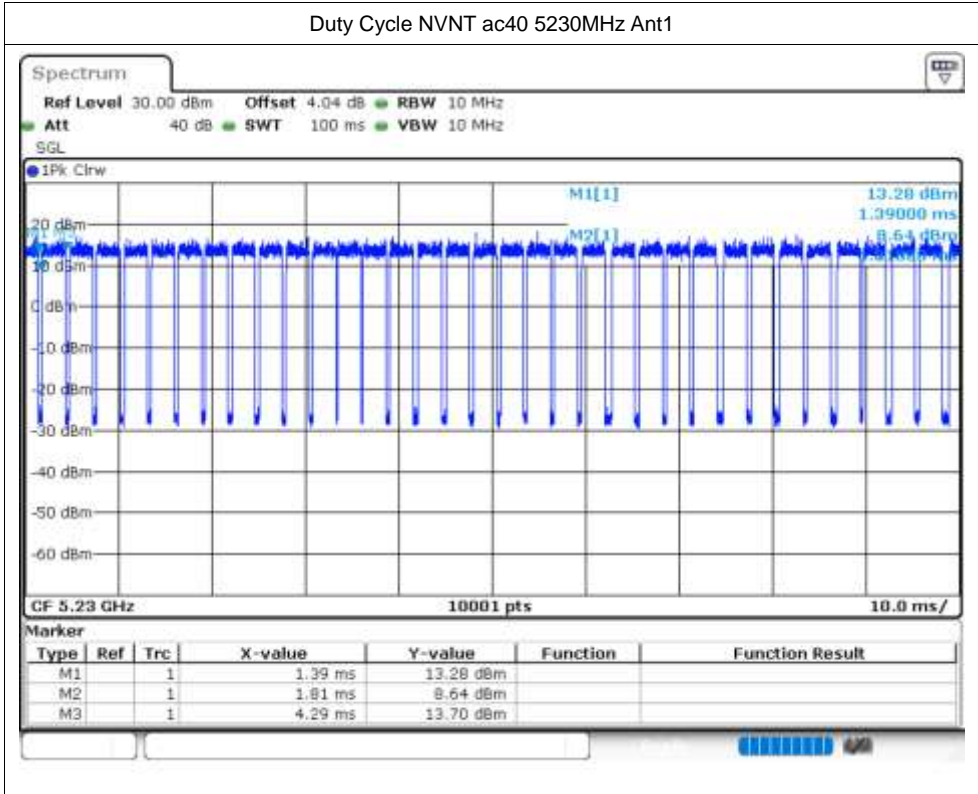


Duty Cycle NVNT ac20 5240MHz Ant1

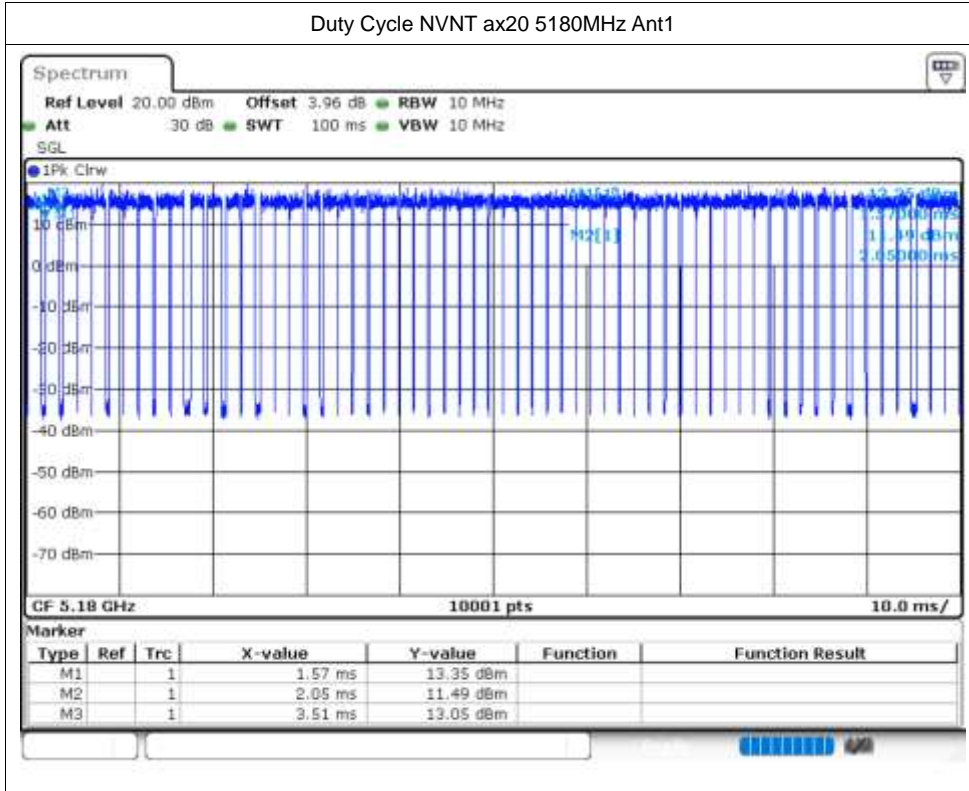


Duty Cycle NVNT ac40 5190MHz Ant1

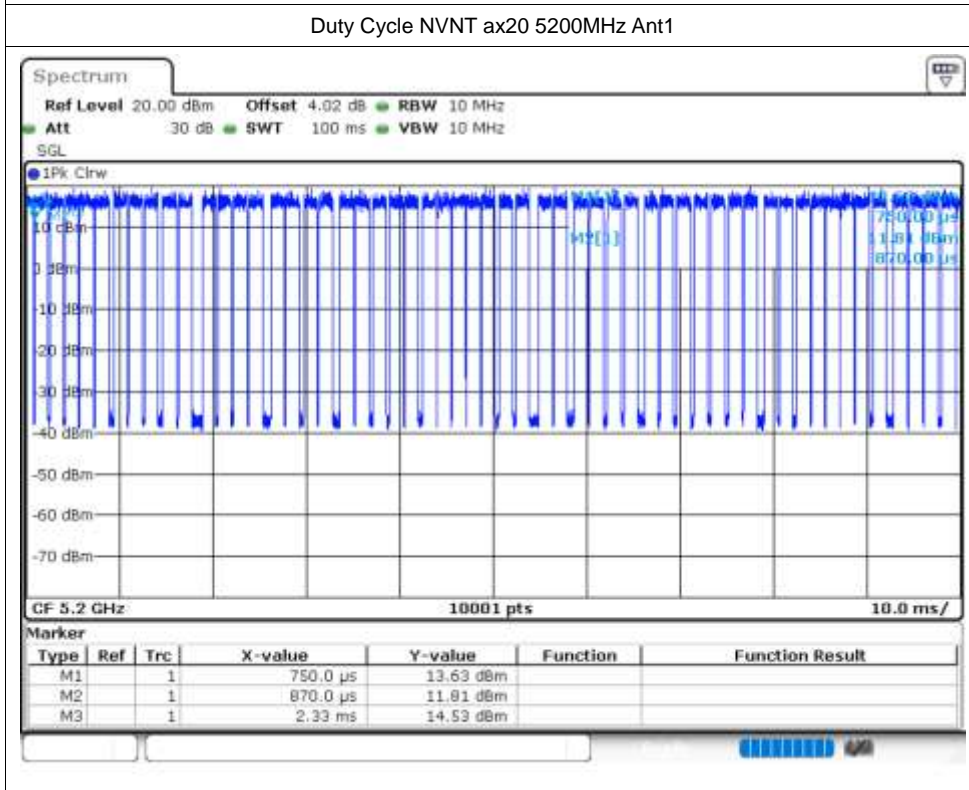




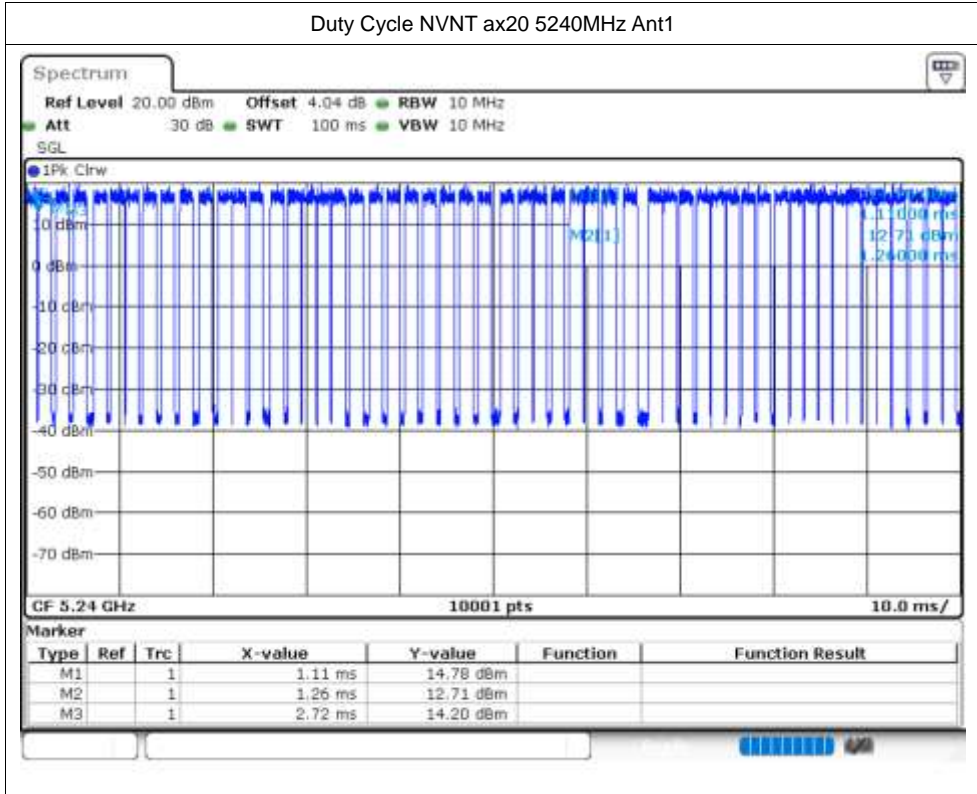
Duty Cycle NVNT ax20 5180MHz Ant1



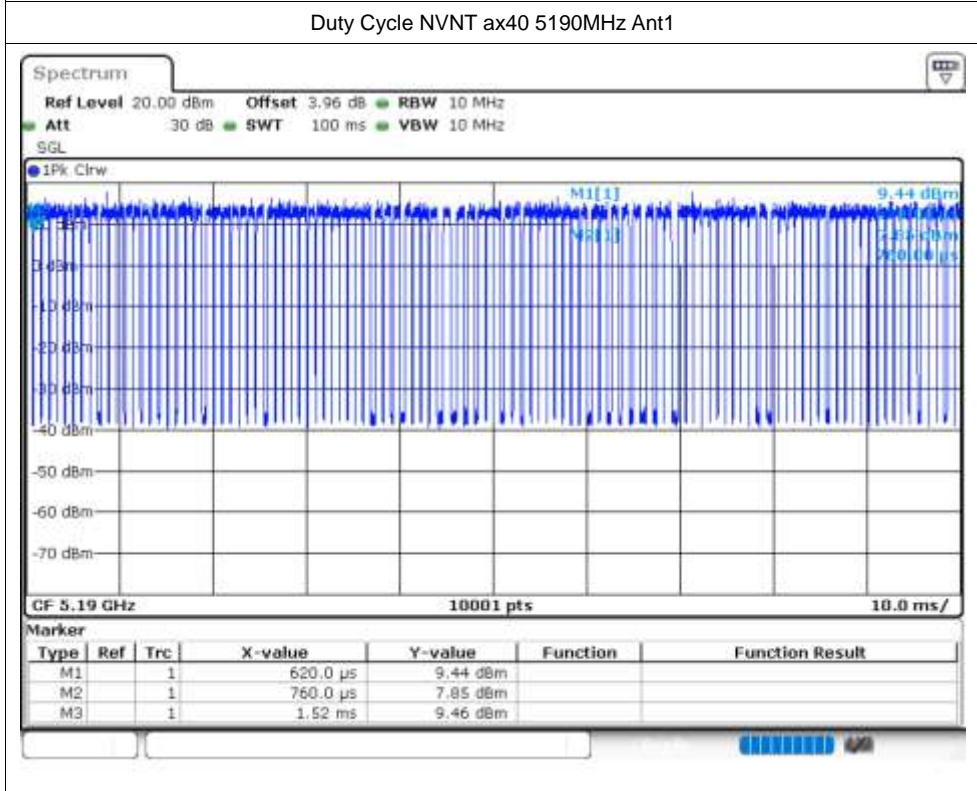
Duty Cycle NVNT ax20 5200MHz Ant1



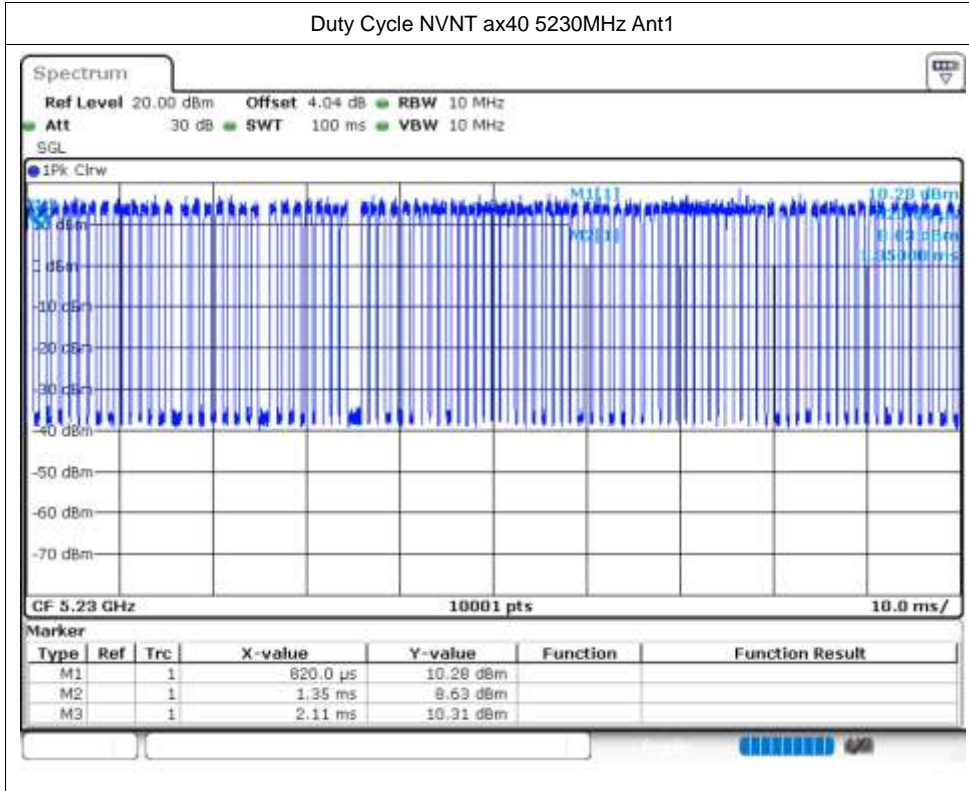
Duty Cycle NVNT ax20 5240MHz Ant1



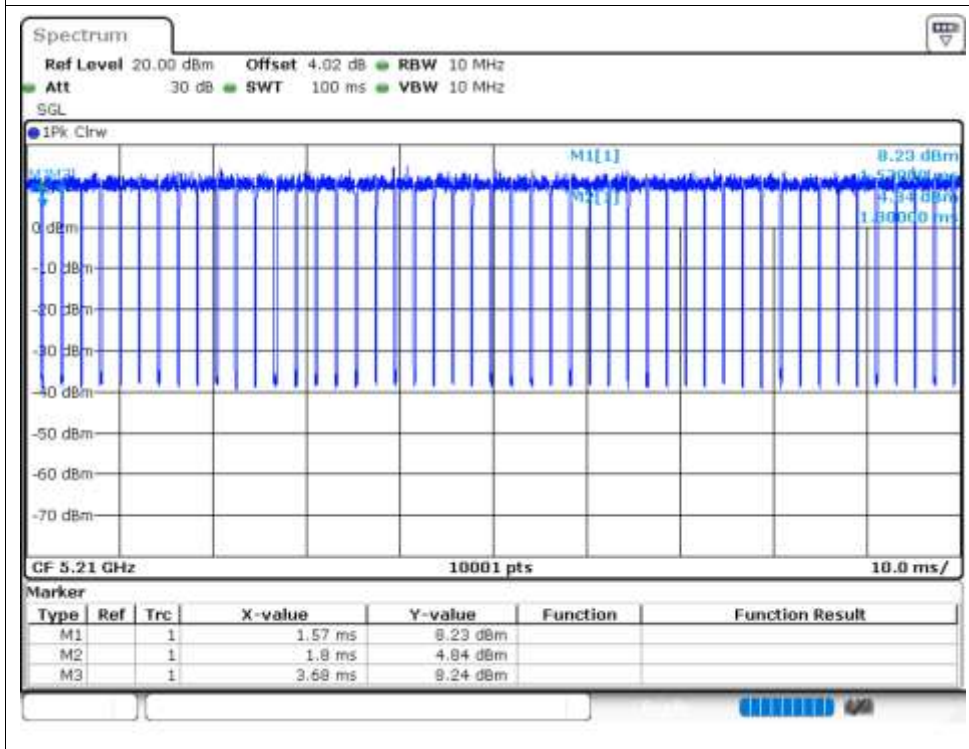
Duty Cycle NVNT ax40 5190MHz Ant1



Duty Cycle NVNT ax40 5230MHz Ant1



Duty Cycle NVNT ax80 5210MHz Ant1



Maximum Conducted Output Power

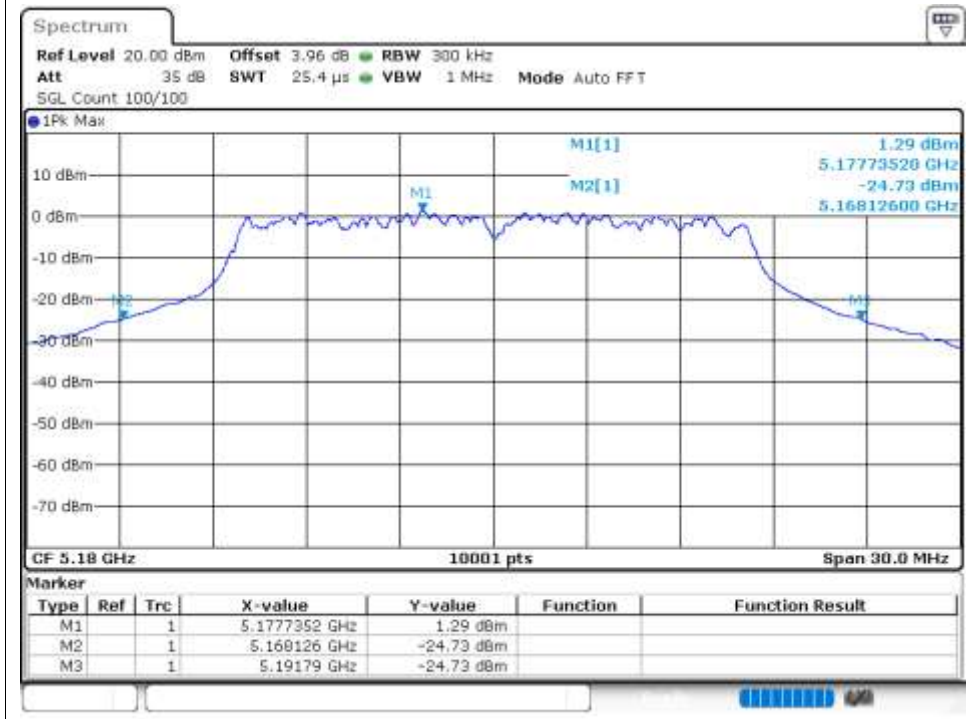
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.89	0.65	12.54	24	Pass
NVNT	a	5200	Ant1	11.62	0.9	12.52	24	Pass
NVNT	a	5240	Ant1	11.69	0.88	12.57	24	Pass
NVNT	n20	5180	Ant1	11.84	0.59	12.43	24	Pass
NVNT	n20	5200	Ant1	11.73	0.77	12.5	24	Pass
NVNT	n20	5240	Ant1	11.55	1.02	12.57	24	Pass
NVNT	n40	5190	Ant1	11.71	0.41	12.12	24	Pass
NVNT	n40	5230	Ant1	11.24	0.8	12.04	24	Pass
NVNT	ac20	5180	Ant1	11.73	0.64	12.37	24	Pass
NVNT	ac20	5200	Ant1	11.78	0.77	12.55	24	Pass
NVNT	ac20	5240	Ant1	11.58	0.96	12.54	24	Pass
NVNT	ac40	5190	Ant1	11.11	0.92	12.03	24	Pass
NVNT	ac40	5230	Ant1	11.61	0.73	12.34	24	Pass
NVNT	ac80	5210	Ant1	11.8	0.35	12.15	24	Pass
NVNT	ax20	5180	Ant1	11.93	0.54	12.47	24	Pass
NVNT	ax20	5200	Ant1	11.59	0.86	12.45	24	Pass
NVNT	ax20	5240	Ant1	11.43	0.93	12.36	24	Pass
NVNT	ax40	5190	Ant1	11.26	0.89	12.15	24	Pass
NVNT	ax40	5230	Ant1	10.74	1.47	12.21	24	Pass
NVNT	ax80	5210	Ant1	11.64	0.4	12.04	24	Pass

-26dB Bandwidth

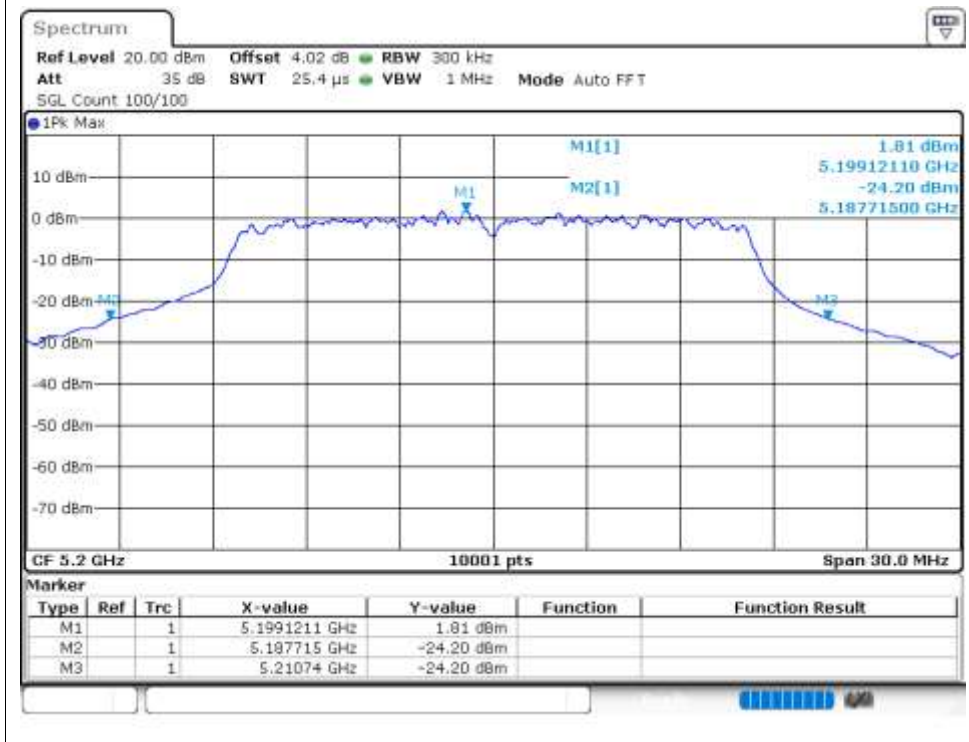
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	23.664	0.5	Pass
NVNT	a	5200	Ant1	23.025	0.5	Pass
NVNT	a	5240	Ant1	23.028	0.5	Pass
NVNT	n20	5180	Ant1	24.339	0.5	Pass
NVNT	n20	5200	Ant1	23.25	0.5	Pass
NVNT	n20	5240	Ant1	23.961	0.5	Pass
NVNT	n40	5190	Ant1	47.874	0.5	Pass
NVNT	n40	5230	Ant1	46.938	0.5	Pass
NVNT	ac20	5180	Ant1	24.69	0.5	Pass
NVNT	ac20	5200	Ant1	24.429	0.5	Pass
NVNT	ac20	5240	Ant1	24.291	0.5	Pass
NVNT	ac40	5190	Ant1	46.596	0.5	Pass
NVNT	ac40	5230	Ant1	47.058	0.5	Pass
NVNT	ac80	5210	Ant1	89.964	0.5	Pass
NVNT	ax20	5180	Ant1	23.076	0.5	Pass
NVNT	ax20	5200	Ant1	24.846	0.5	Pass
NVNT	ax20	5240	Ant1	22.632	0.5	Pass
NVNT	ax40	5190	Ant1	45.888	0.5	Pass
NVNT	ax40	5230	Ant1	45.54	0.5	Pass
NVNT	ax80	5210	Ant1	86.328	0.5	Pass

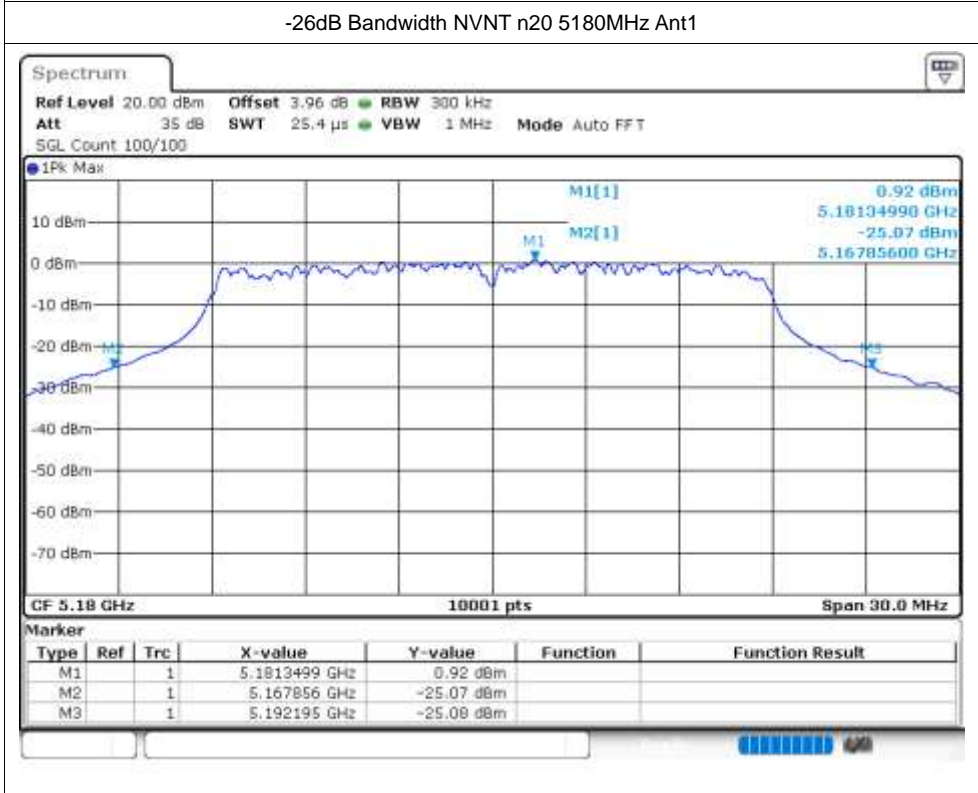
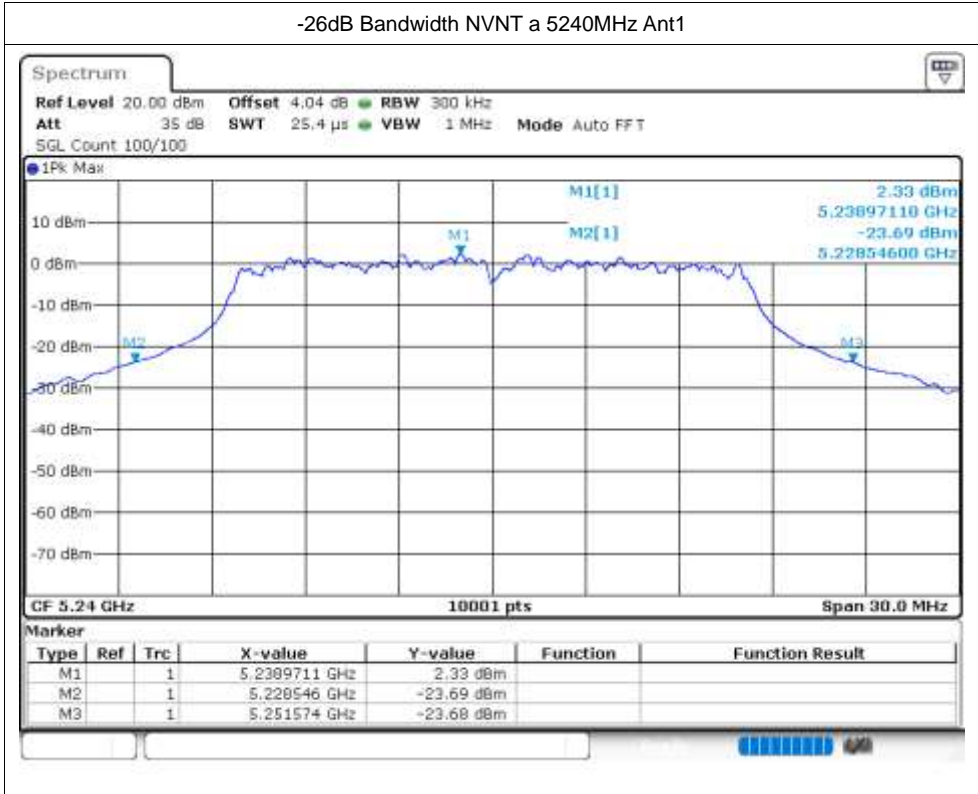
Test Graphs

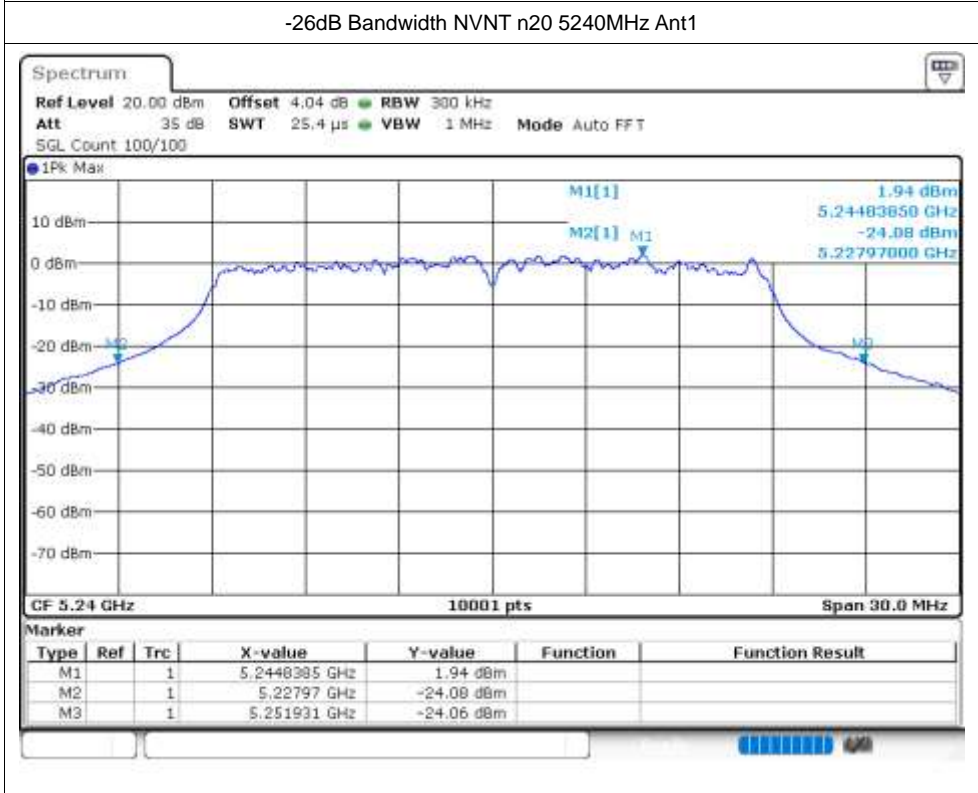
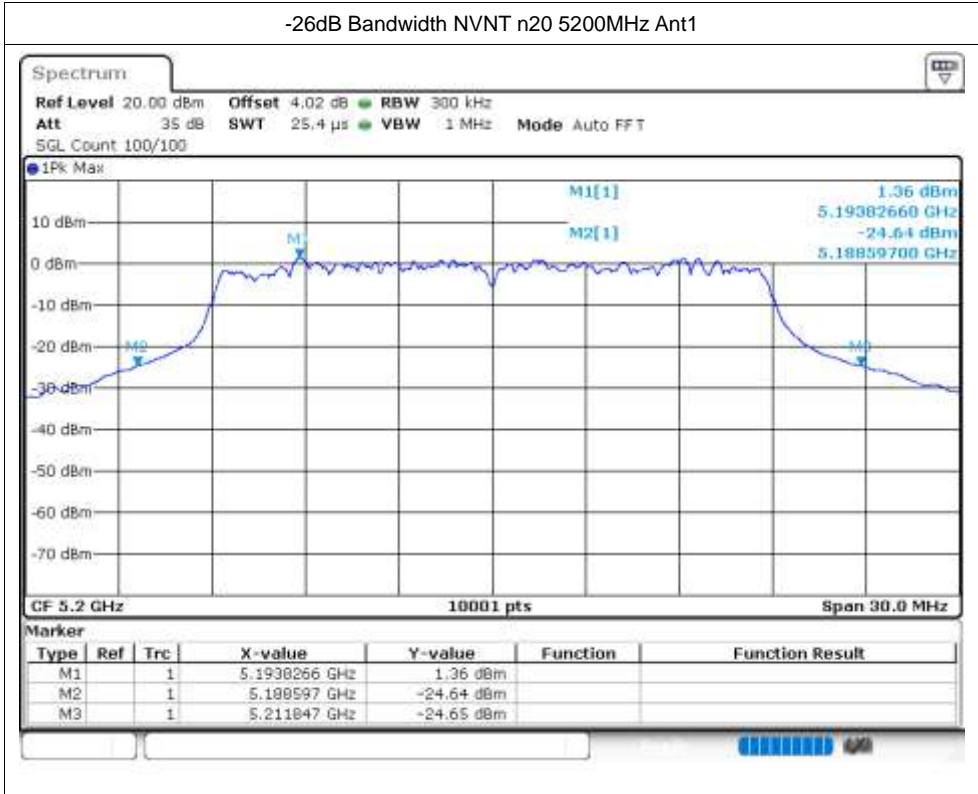
-26dB Bandwidth NVNT a 5180MHz Ant1

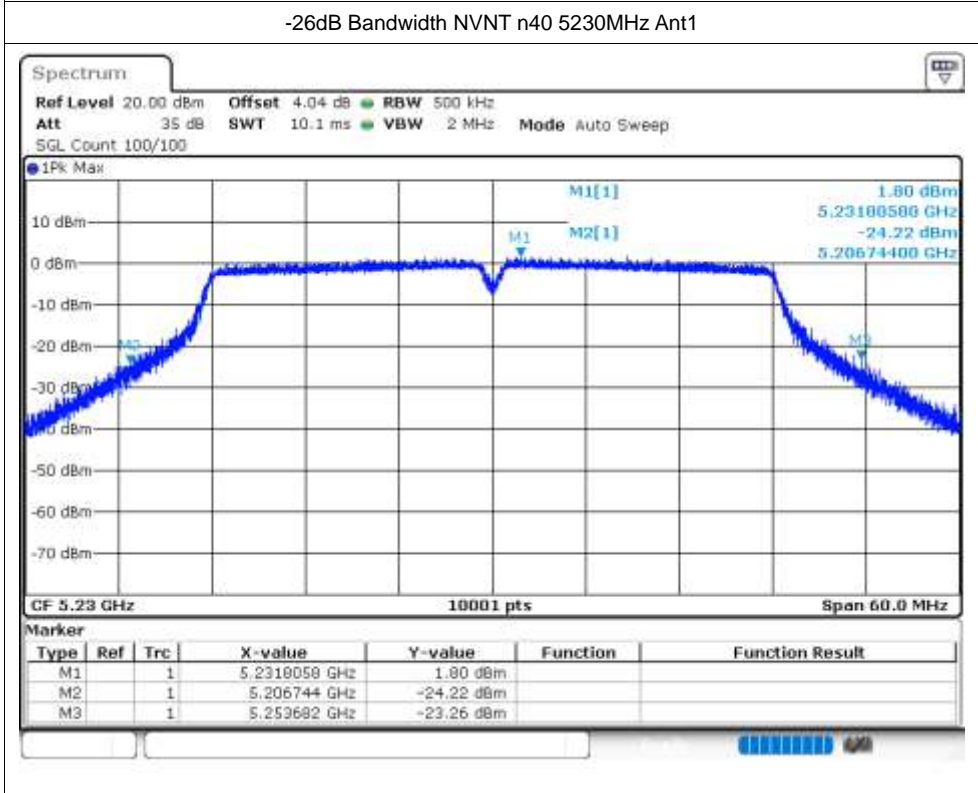
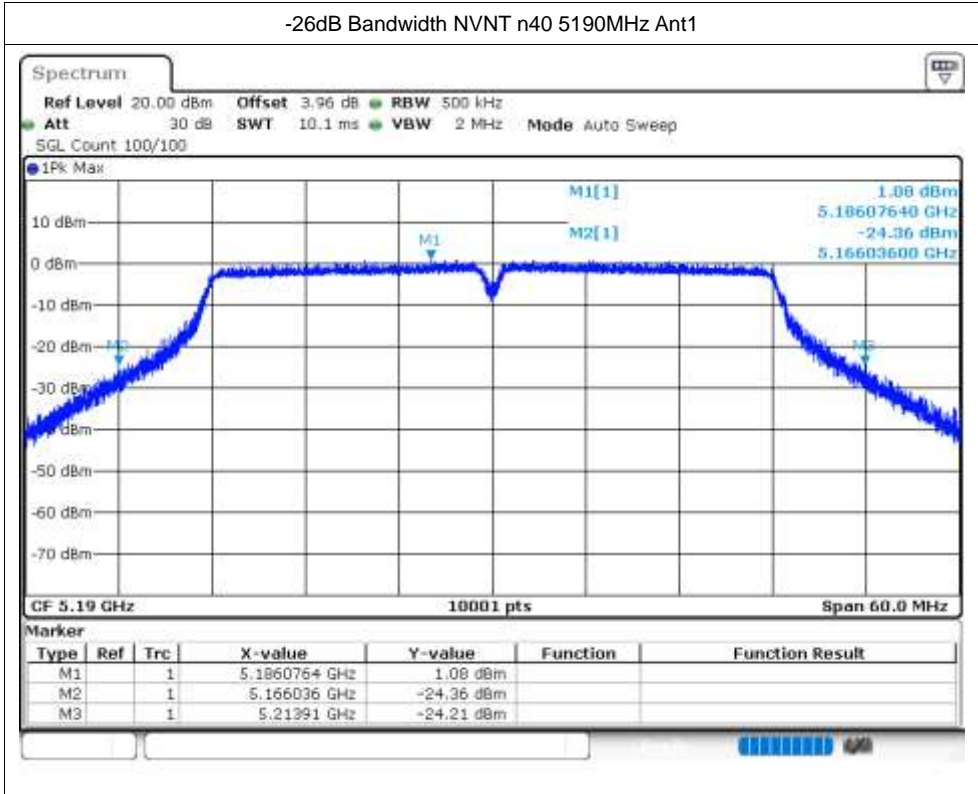


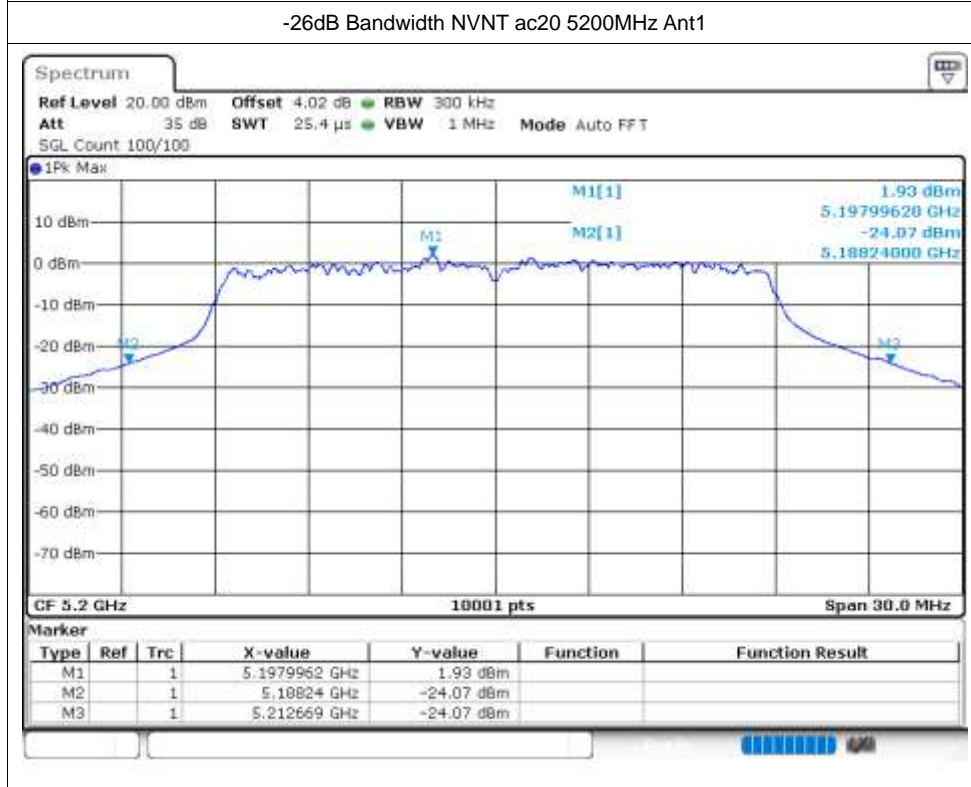
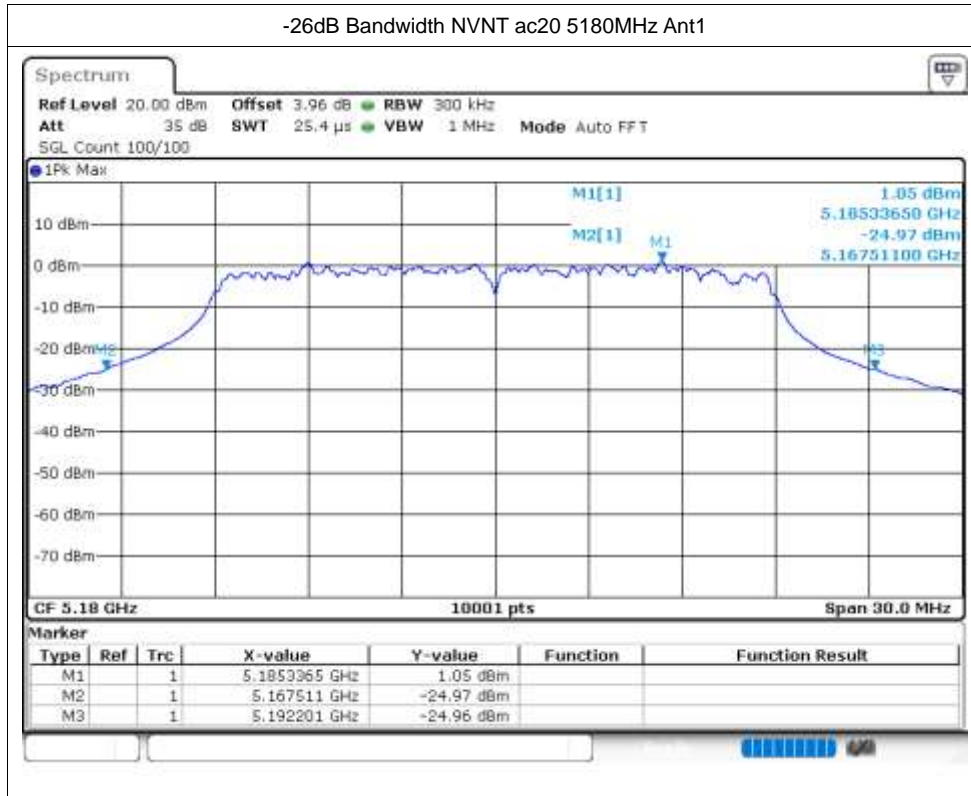
-26dB Bandwidth NVNT a 5200MHz Ant1

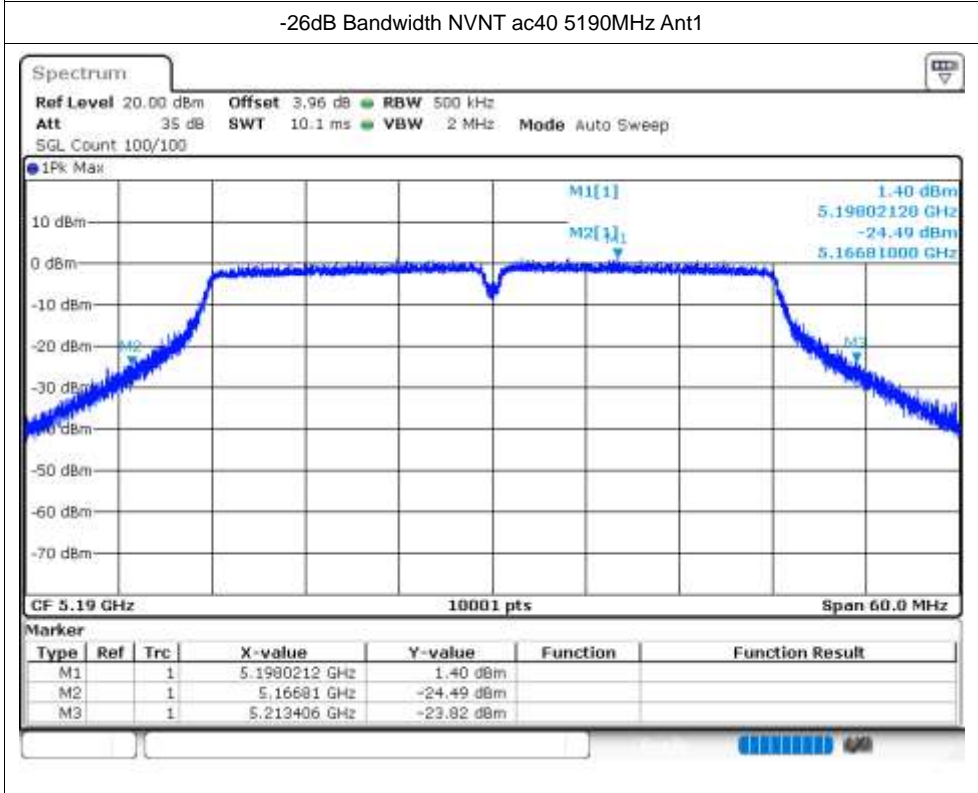
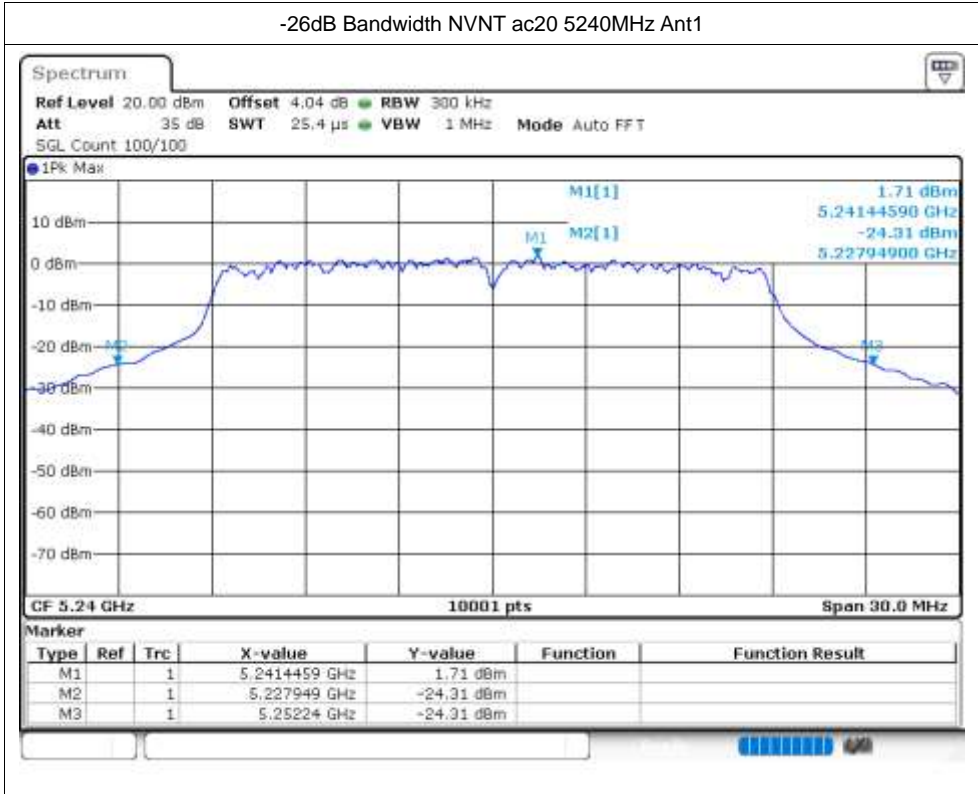


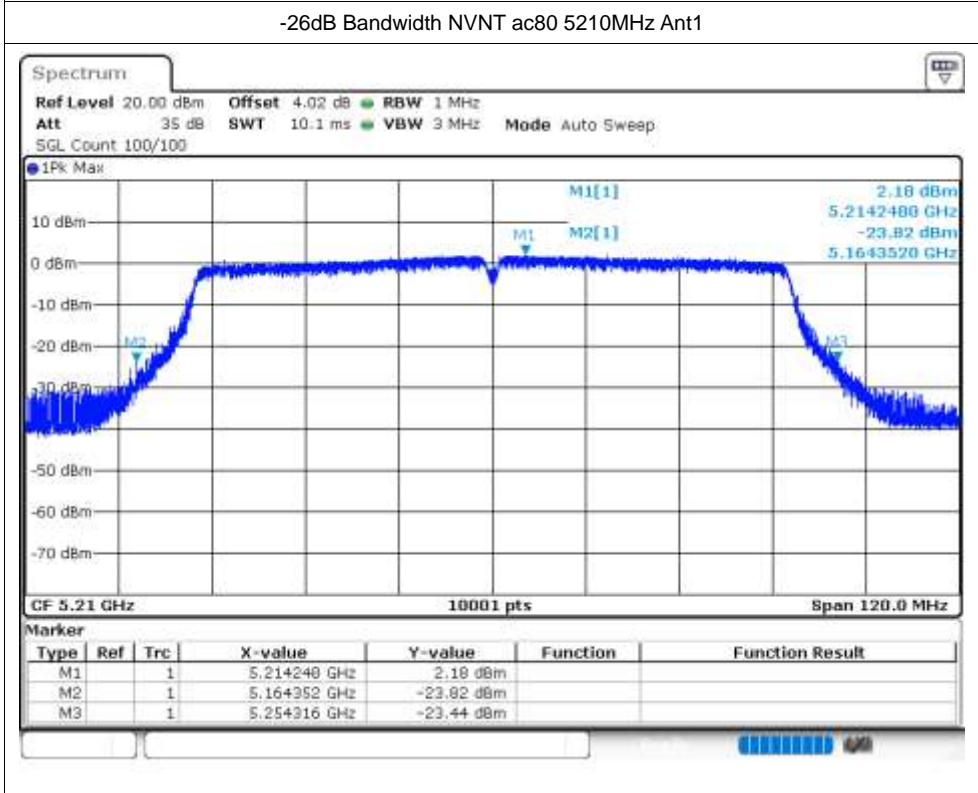
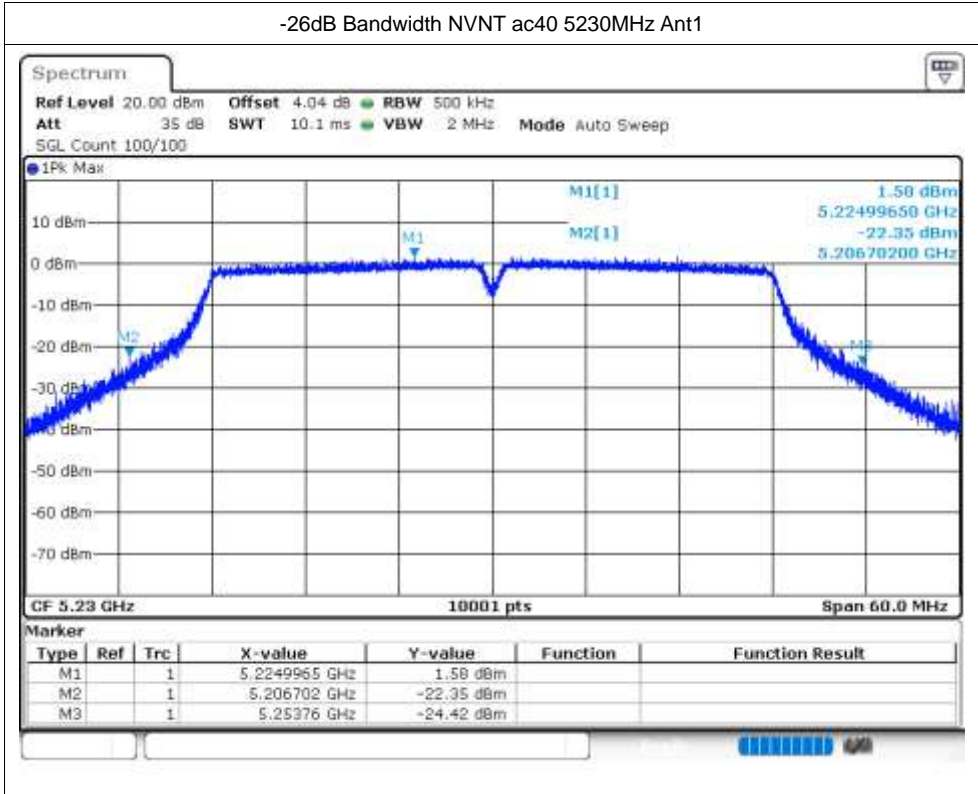


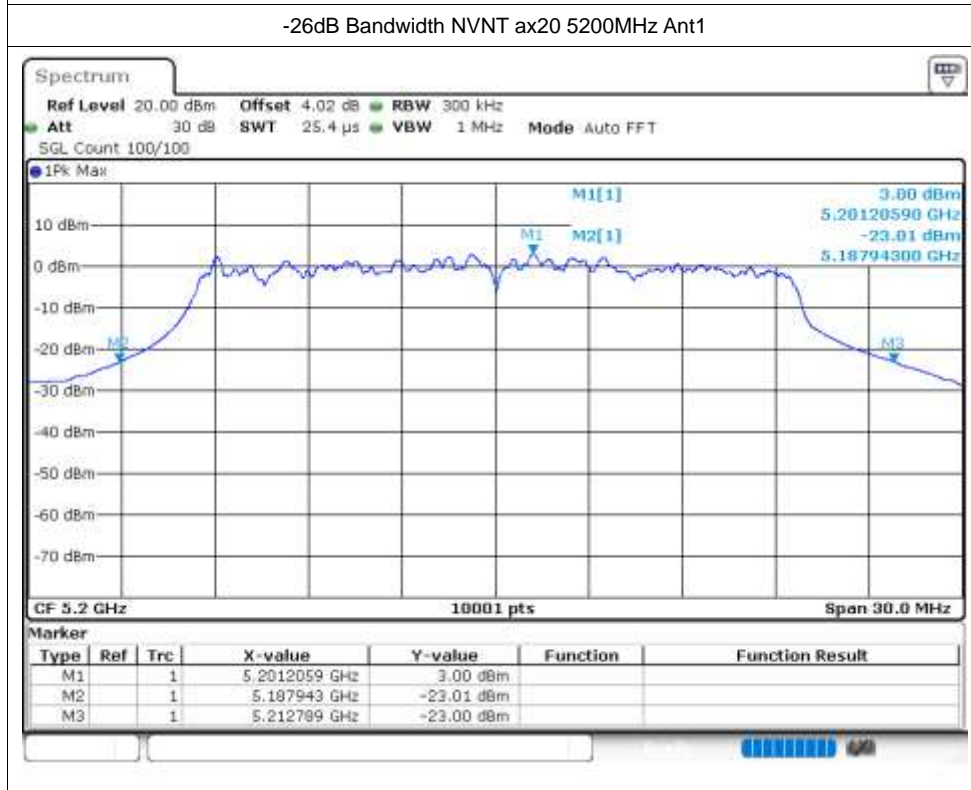
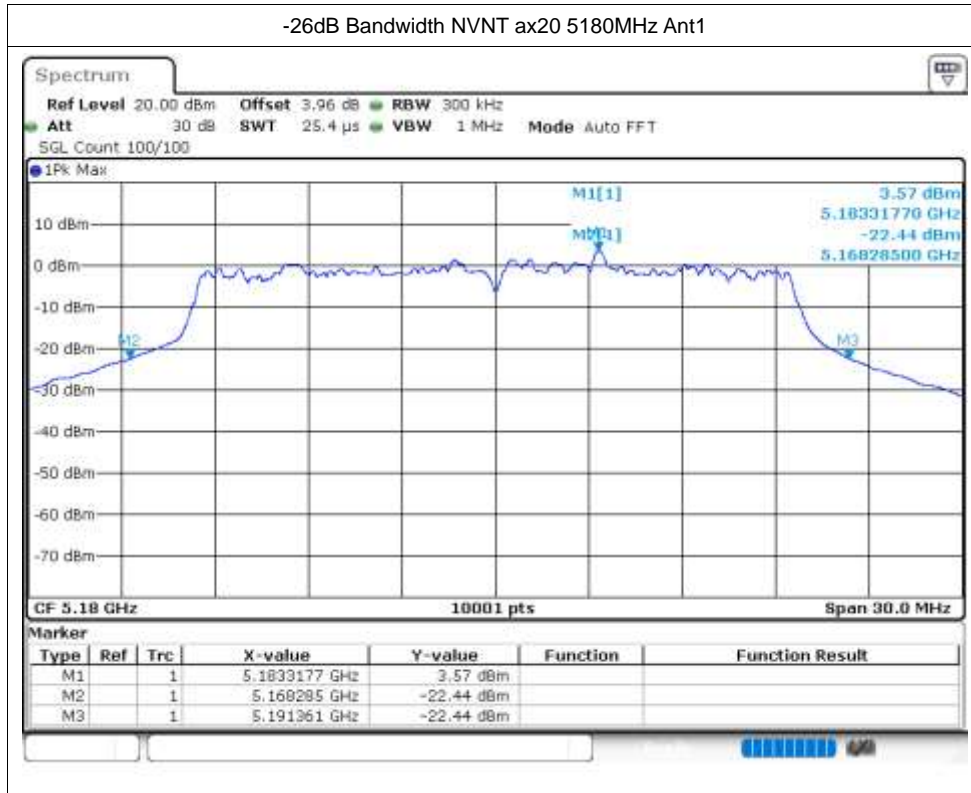


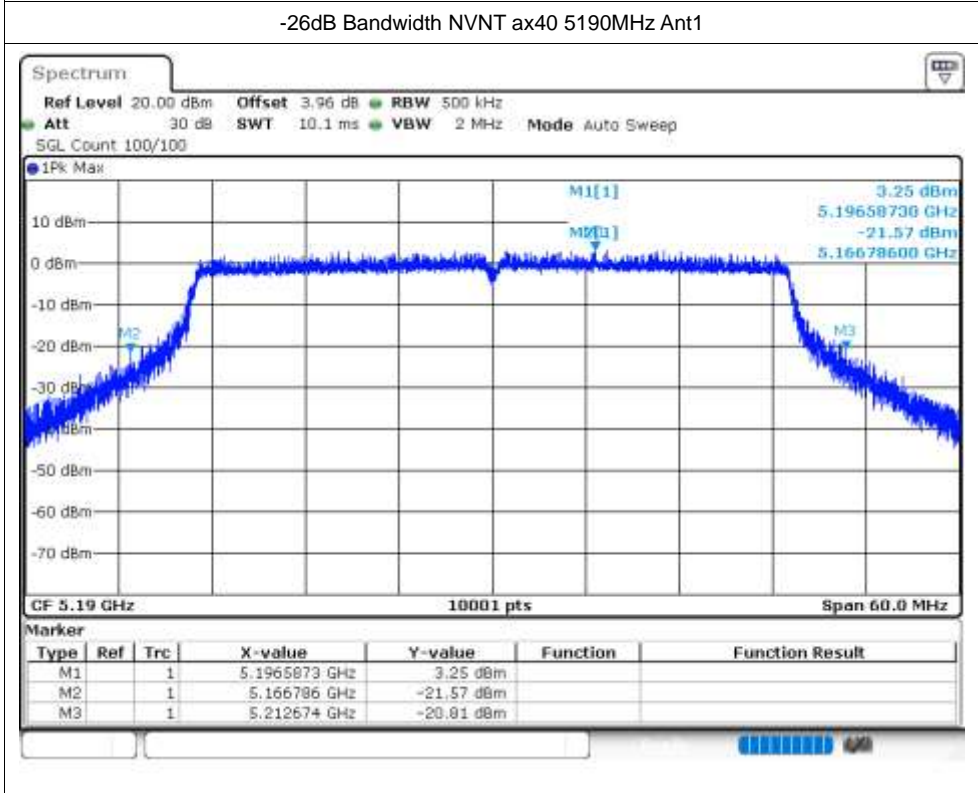
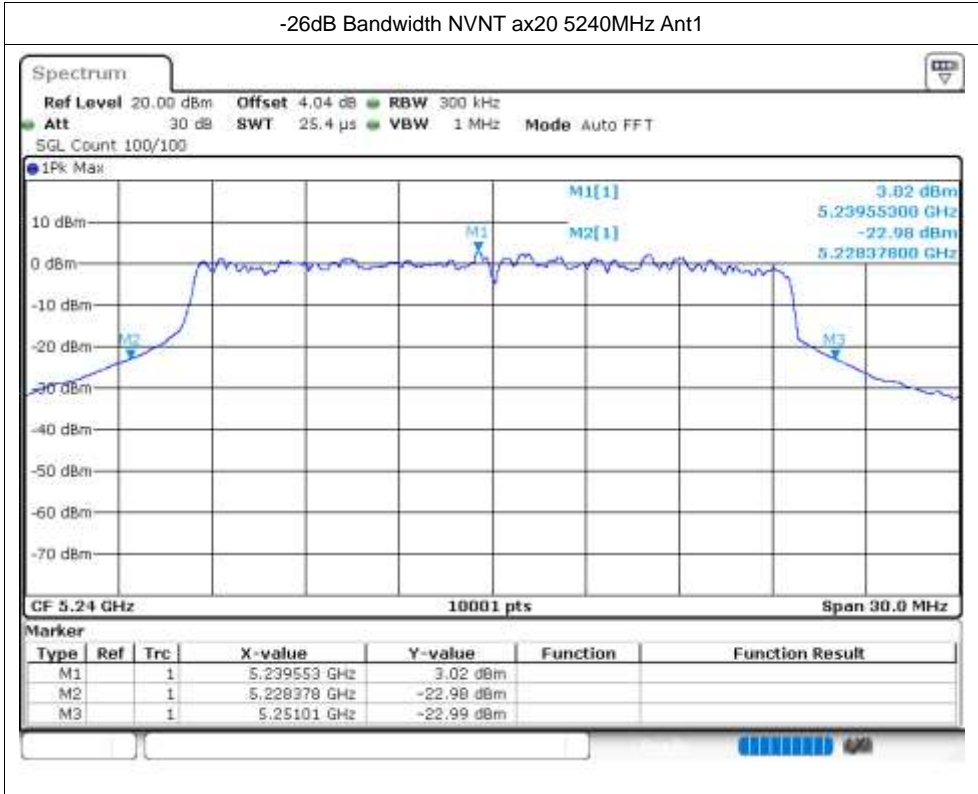


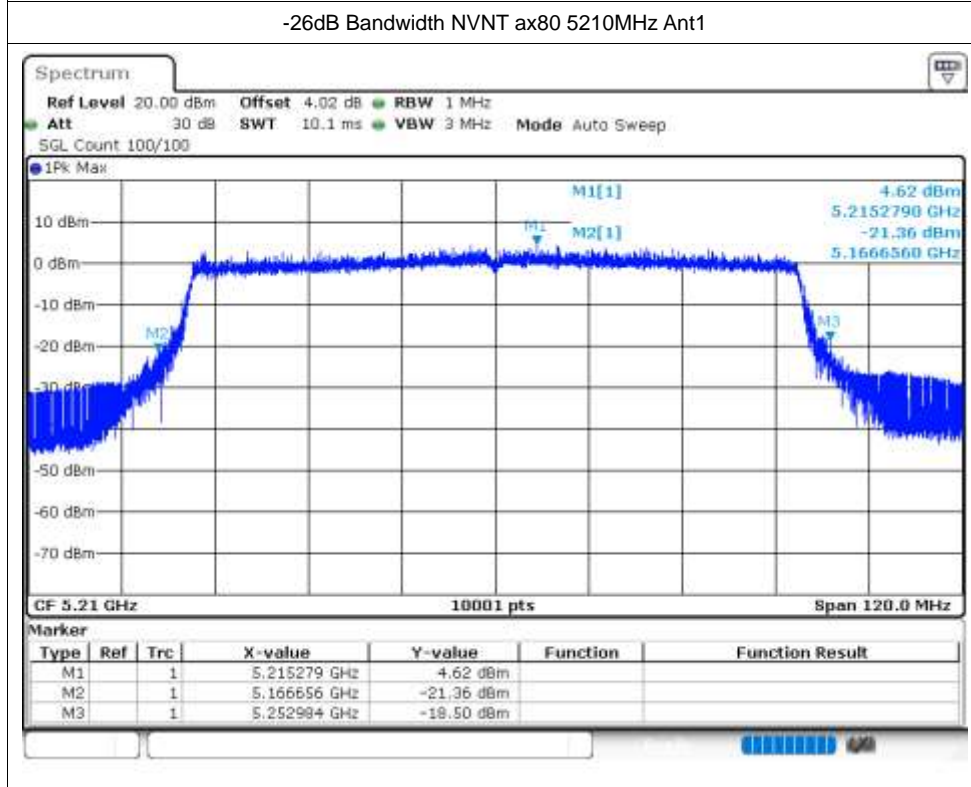
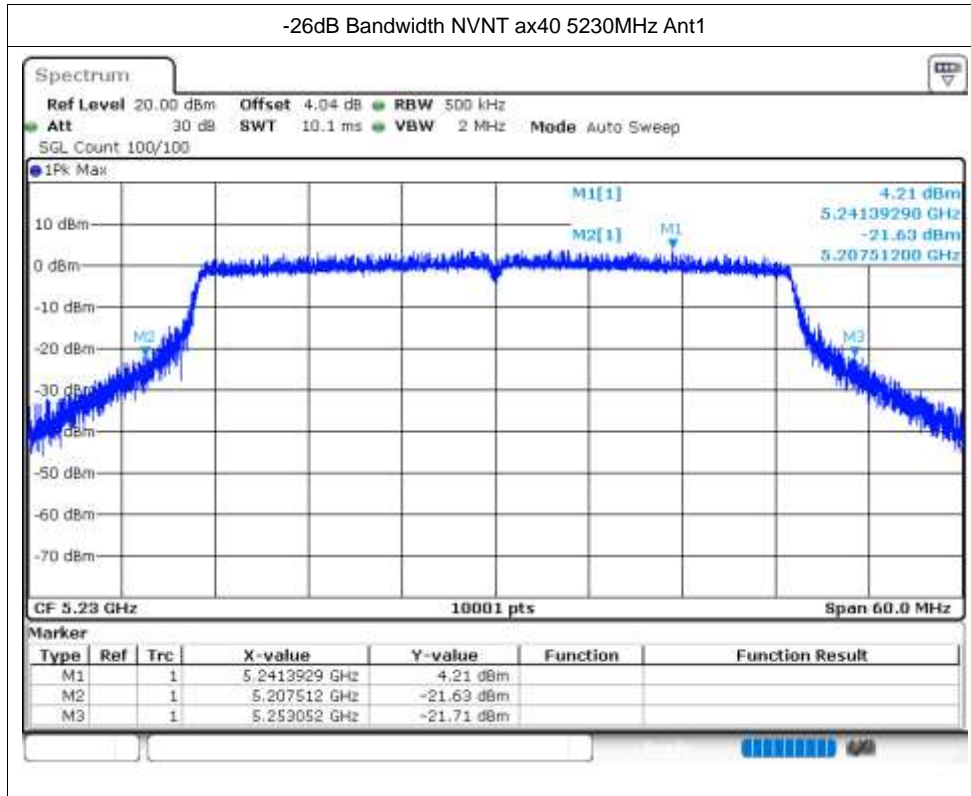










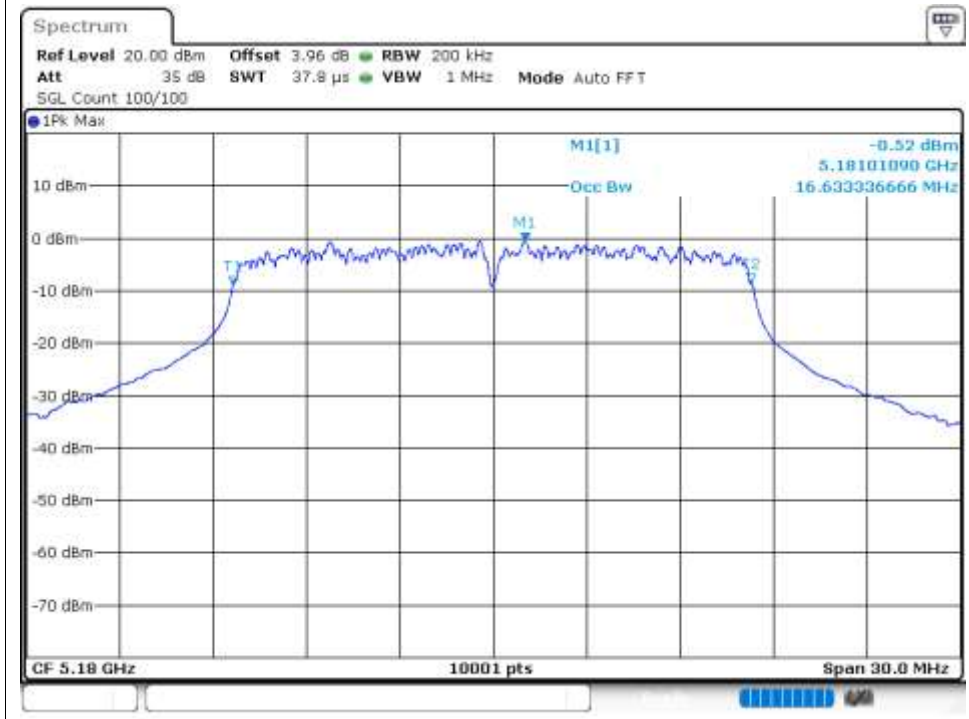


Occupied Channel Bandwidth

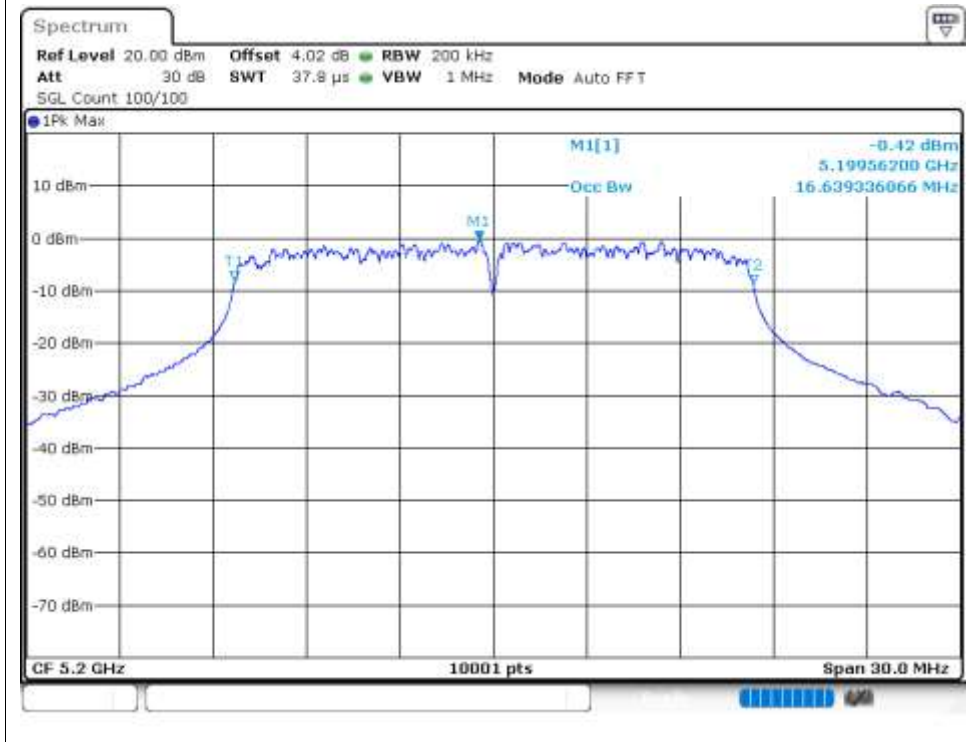
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.633
NVNT	a	5200	Ant1	16.639
NVNT	a	5240	Ant1	16.564
NVNT	n20	5180	Ant1	17.776
NVNT	n20	5200	Ant1	17.716
NVNT	n20	5240	Ant1	18.253
NVNT	n40	5190	Ant1	36.656
NVNT	n40	5230	Ant1	36.584
NVNT	ac20	5180	Ant1	17.812
NVNT	ac20	5200	Ant1	17.848
NVNT	ac20	5240	Ant1	17.821
NVNT	ac40	5190	Ant1	36.65
NVNT	ac40	5230	Ant1	36.59
NVNT	ac80	5210	Ant1	75.796
NVNT	ax20	5180	Ant1	19.027
NVNT	ax20	5200	Ant1	19.06
NVNT	ax20	5240	Ant1	18.925
NVNT	ax40	5190	Ant1	37.952
NVNT	ax40	5230	Ant1	37.904
NVNT	ax80	5210	Ant1	77.356

Test Graphs

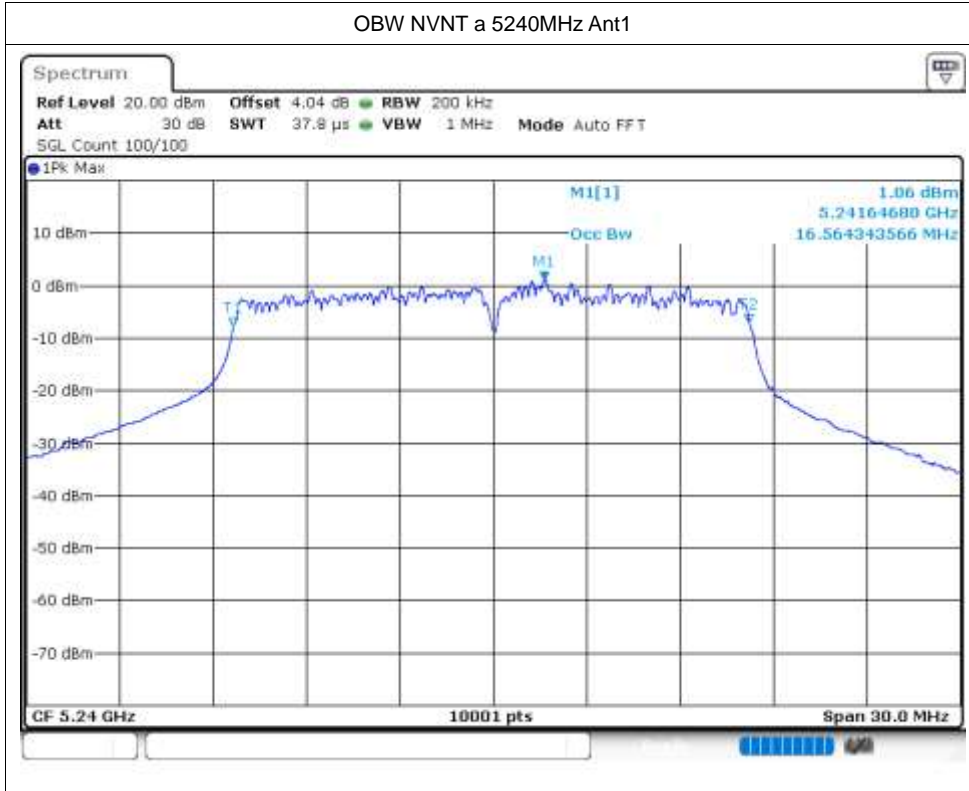
OBW NVNT a 5180MHz Ant1



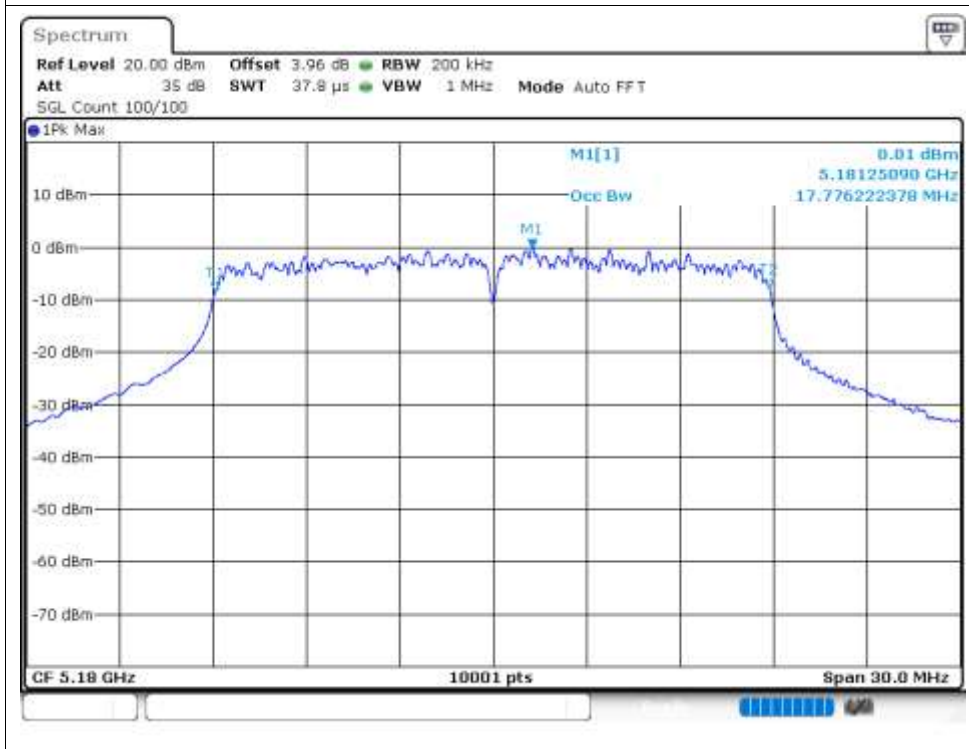
OBW NVNT a 5200MHz Ant1

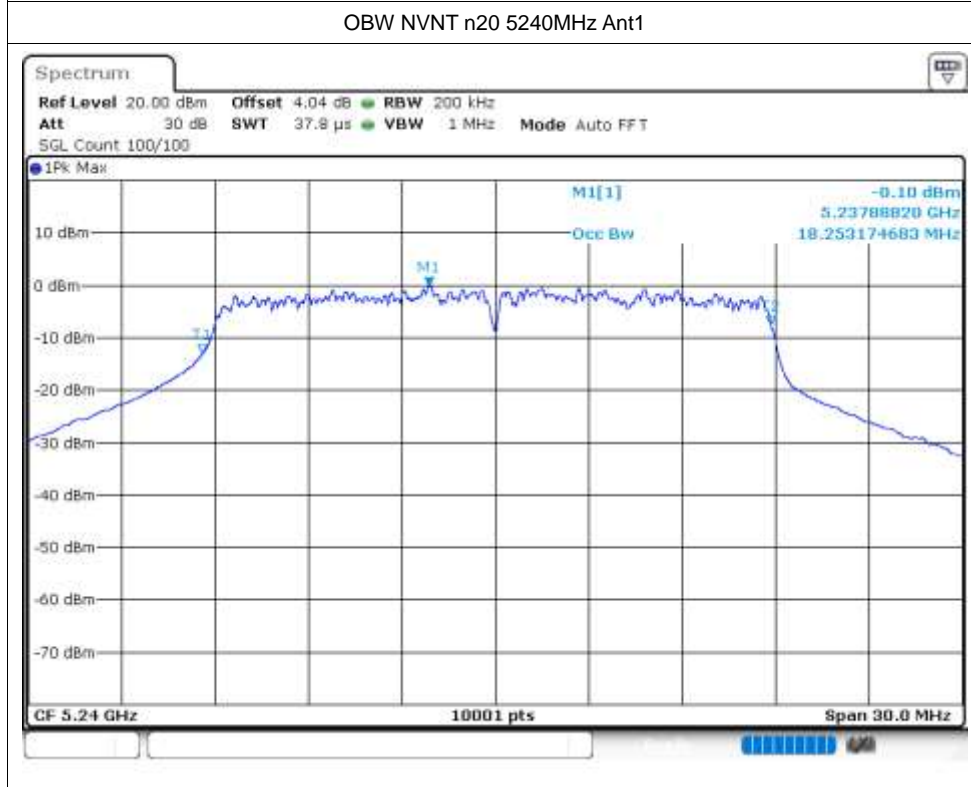
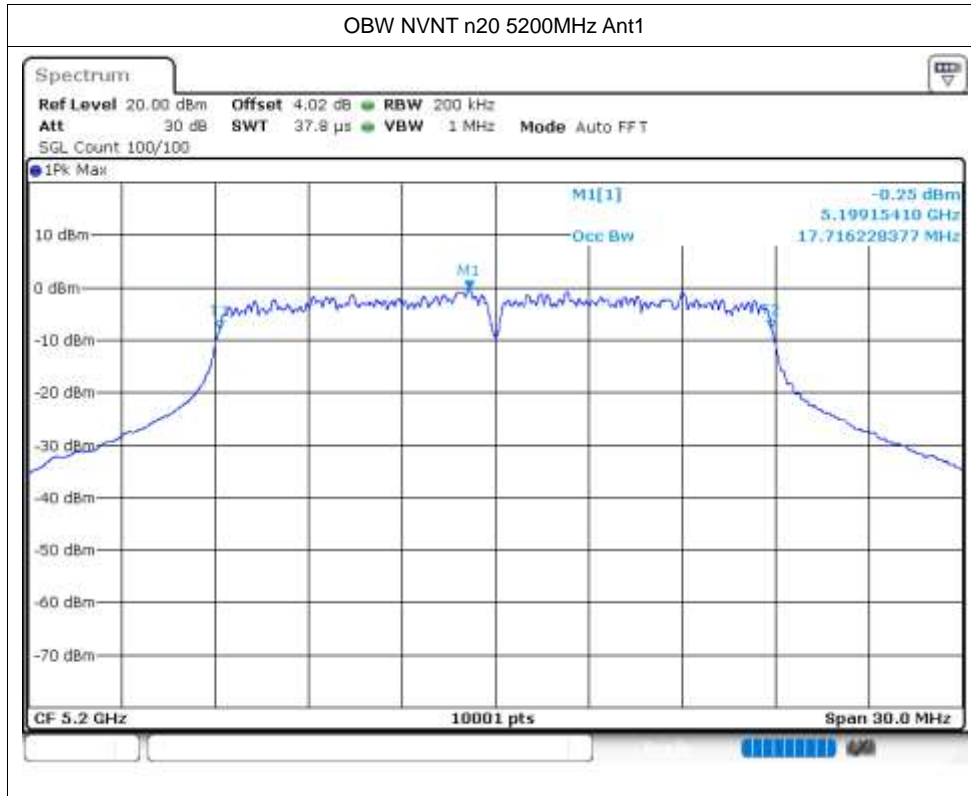


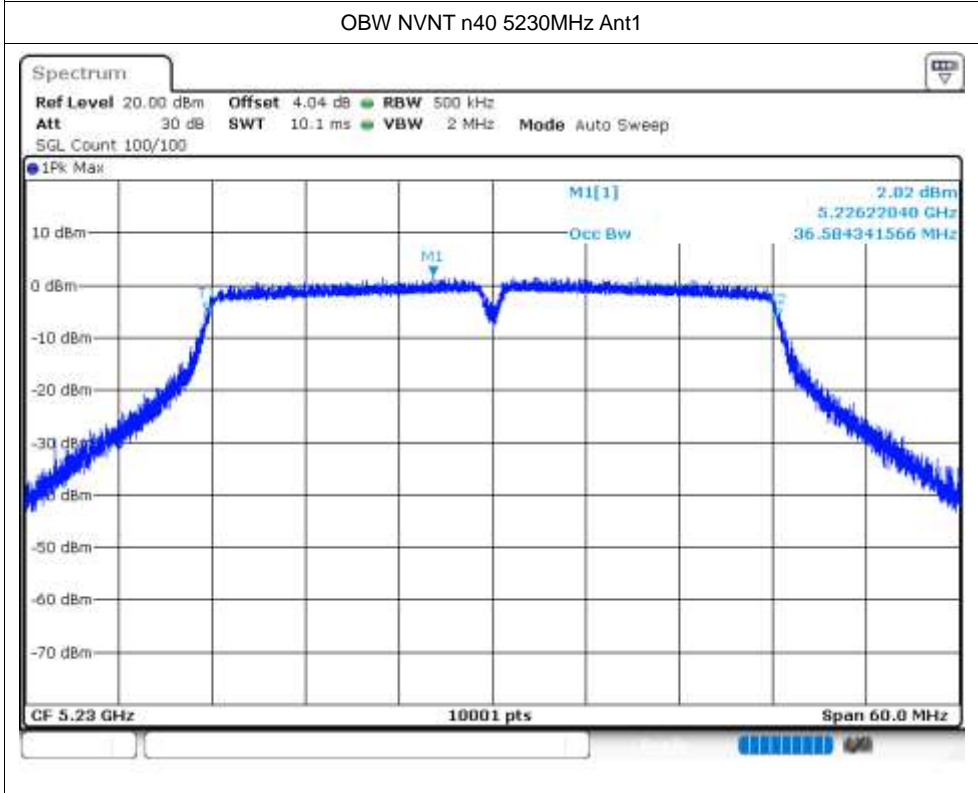
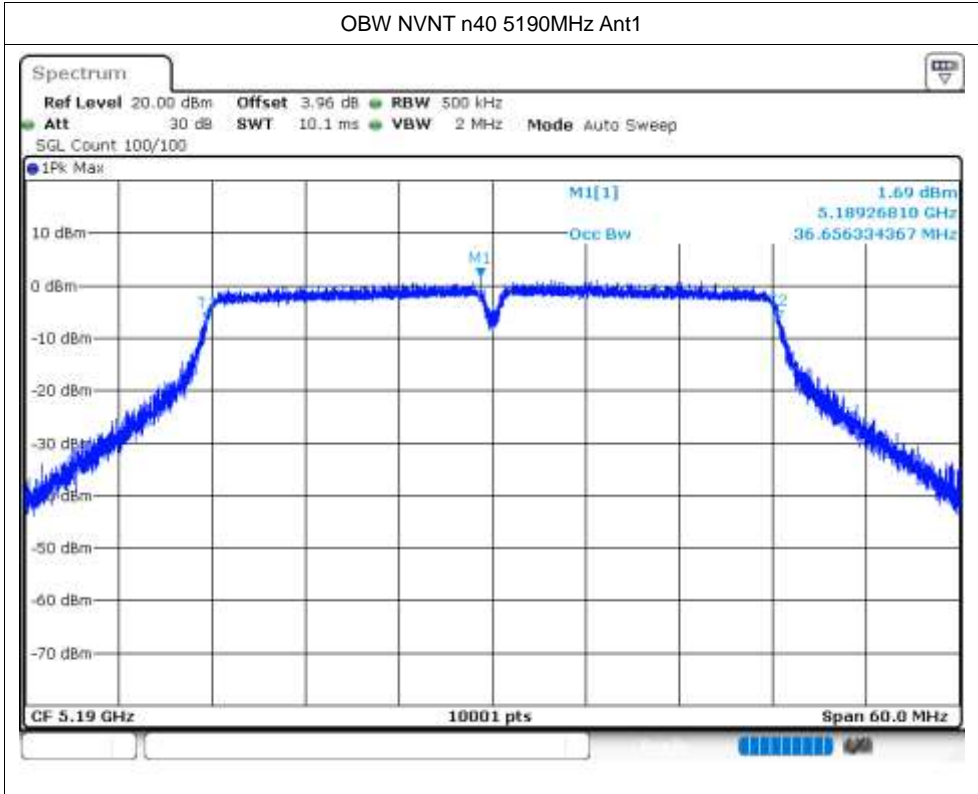
OBW NVNT a 5240MHz Ant1

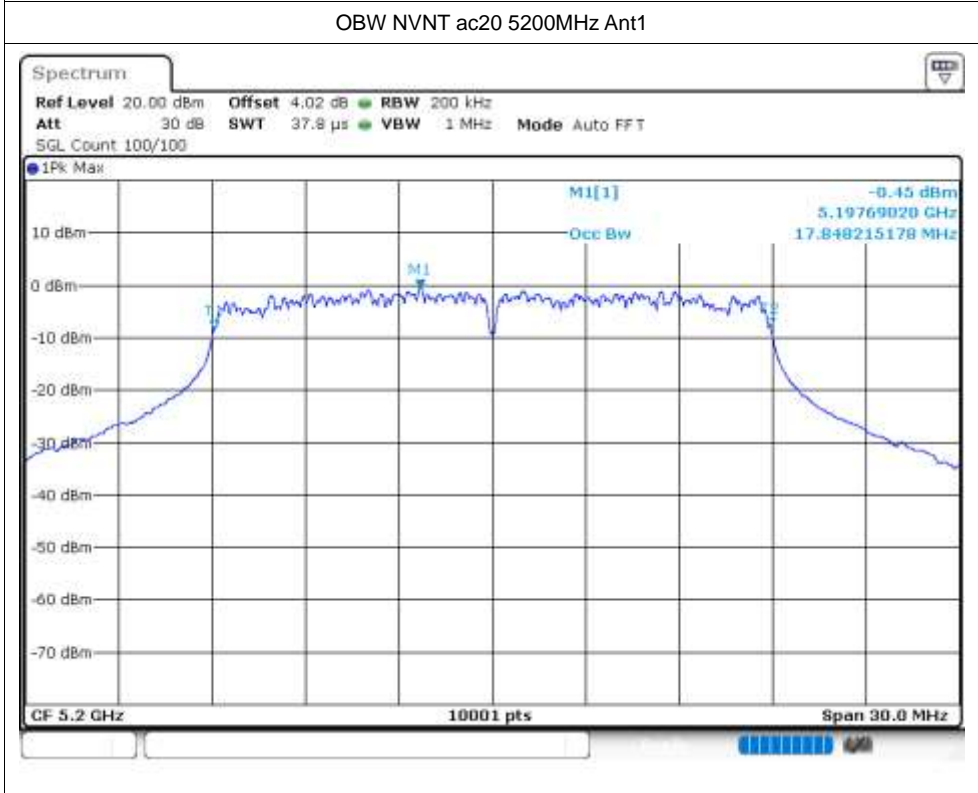
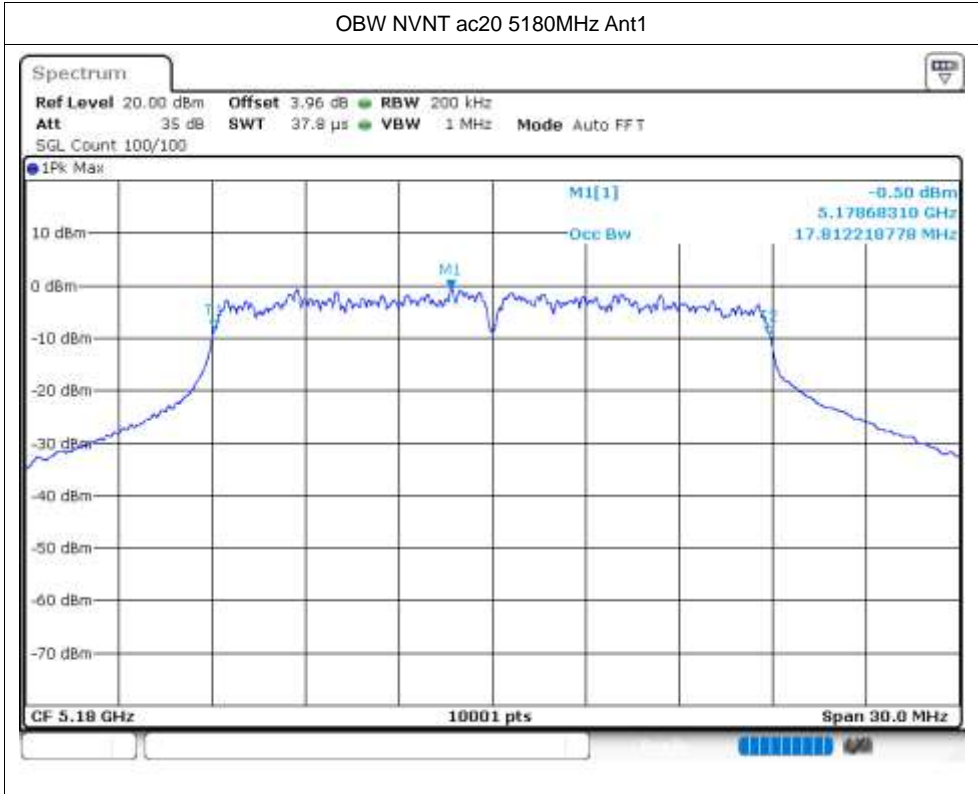


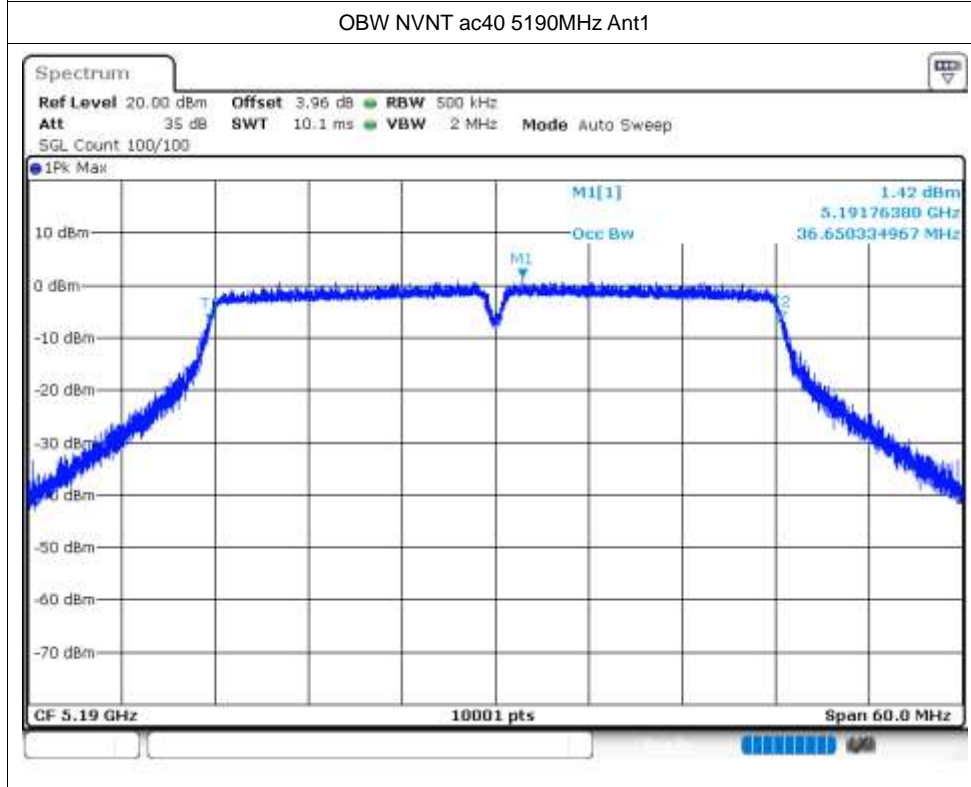
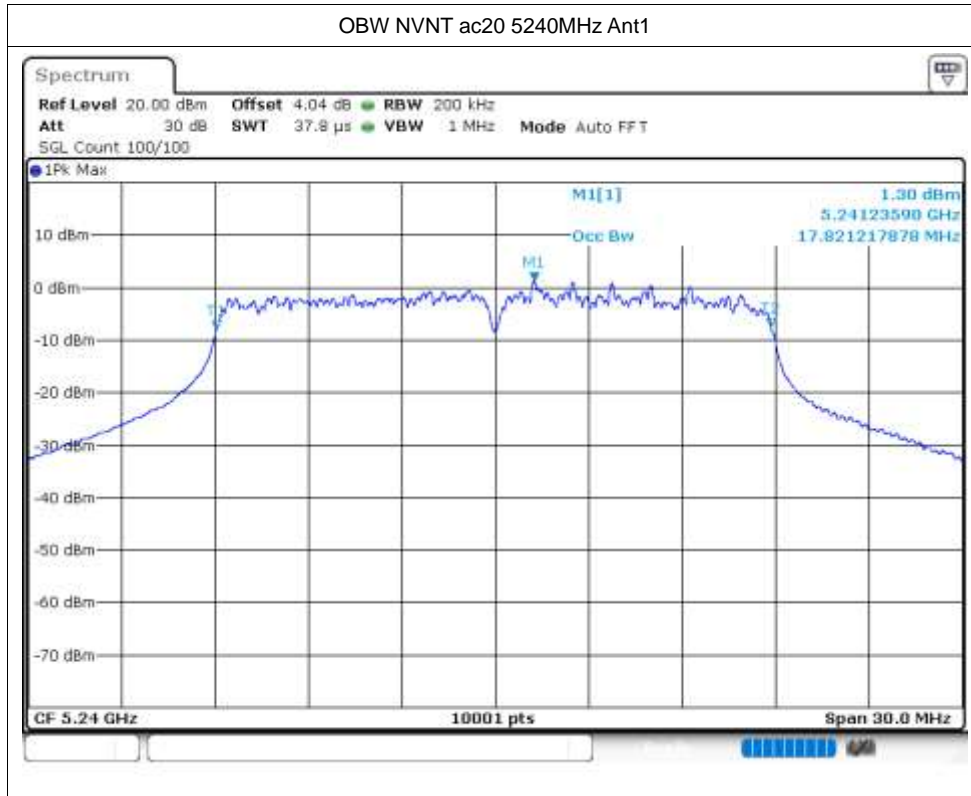
OBW NVNT n20 5180MHz Ant1

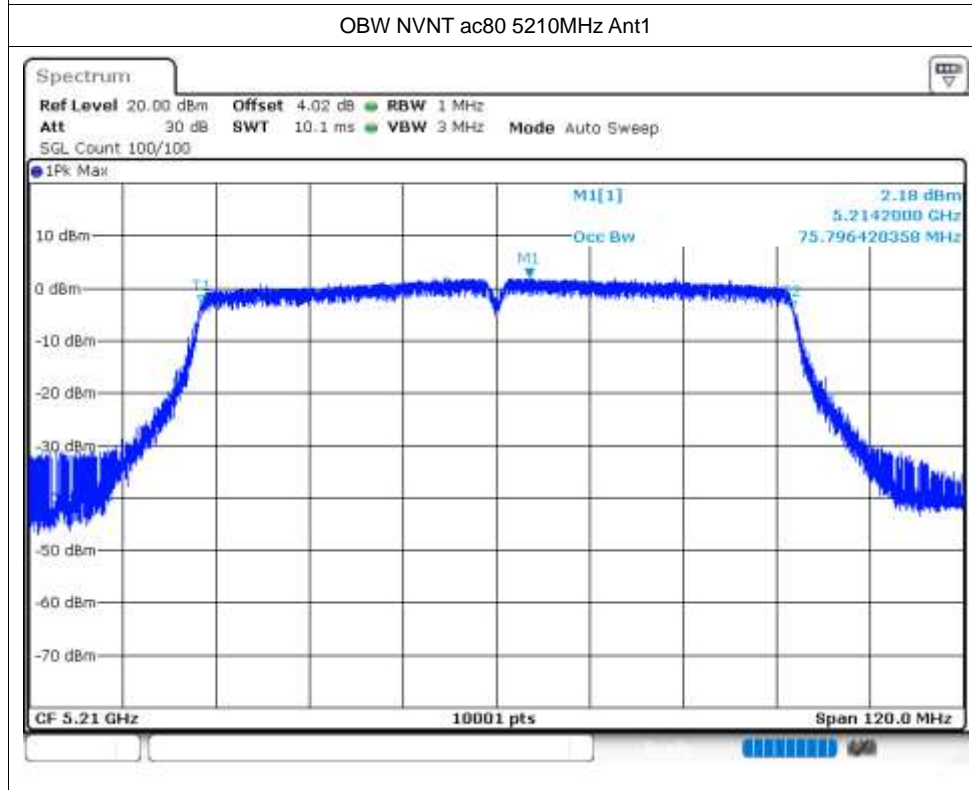
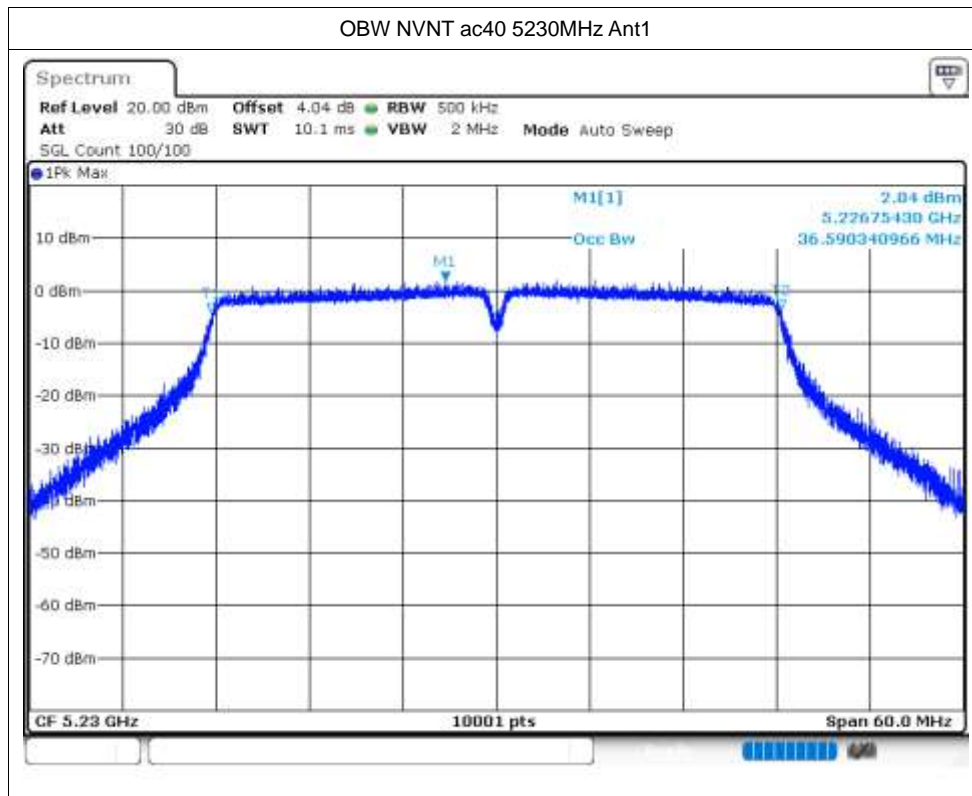


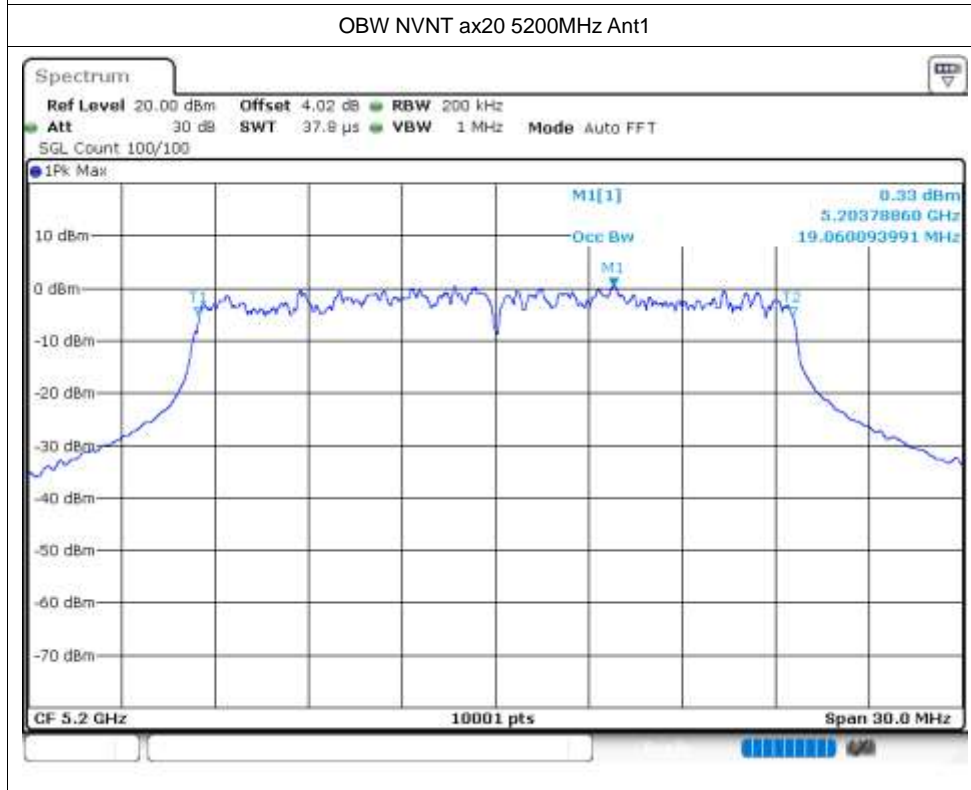
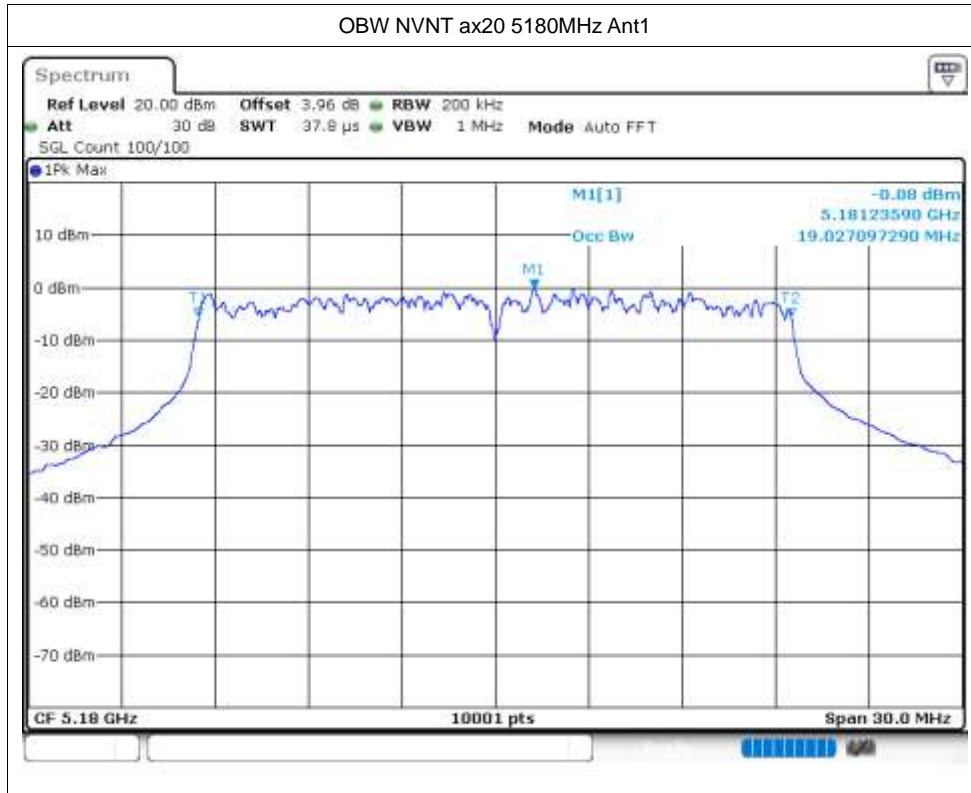


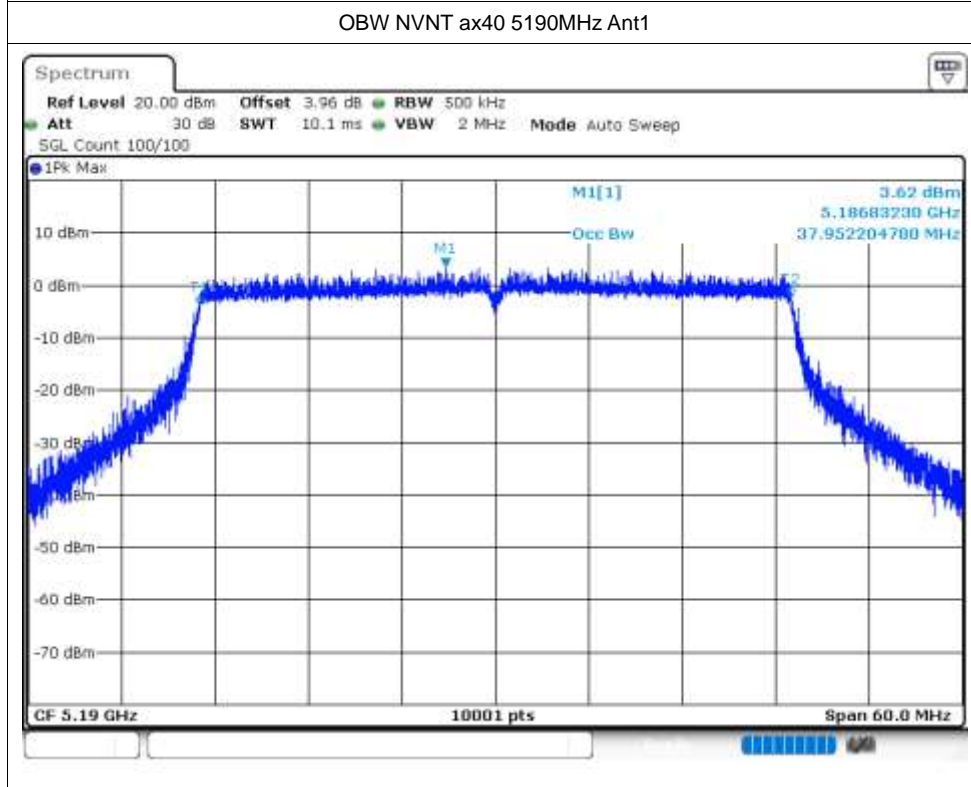
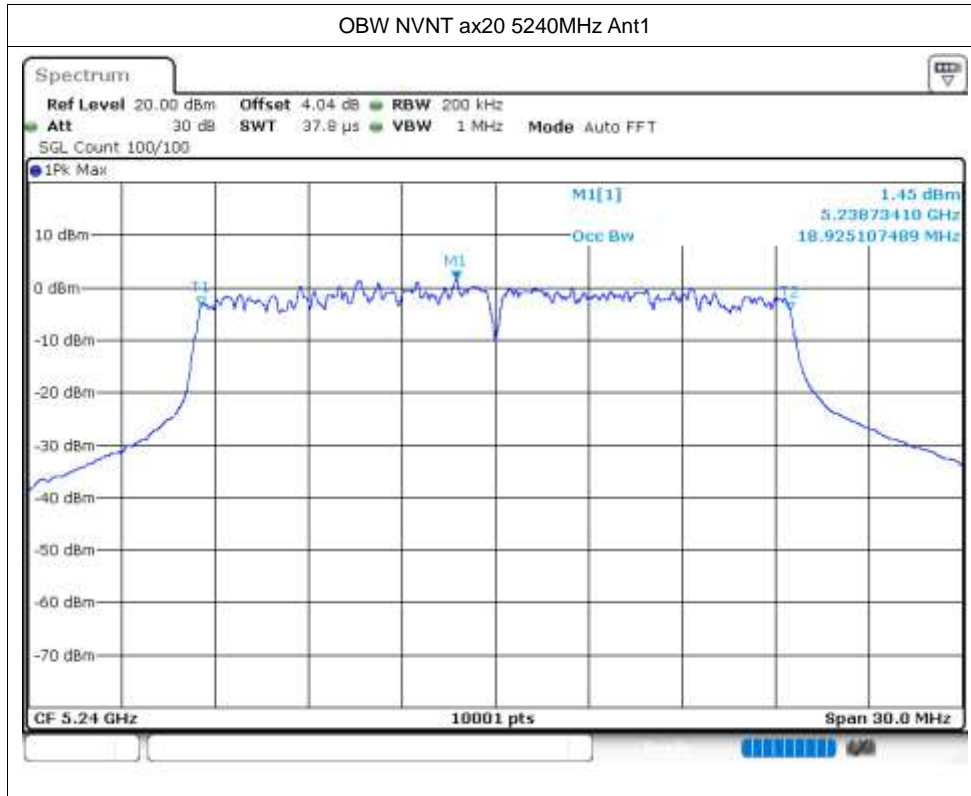


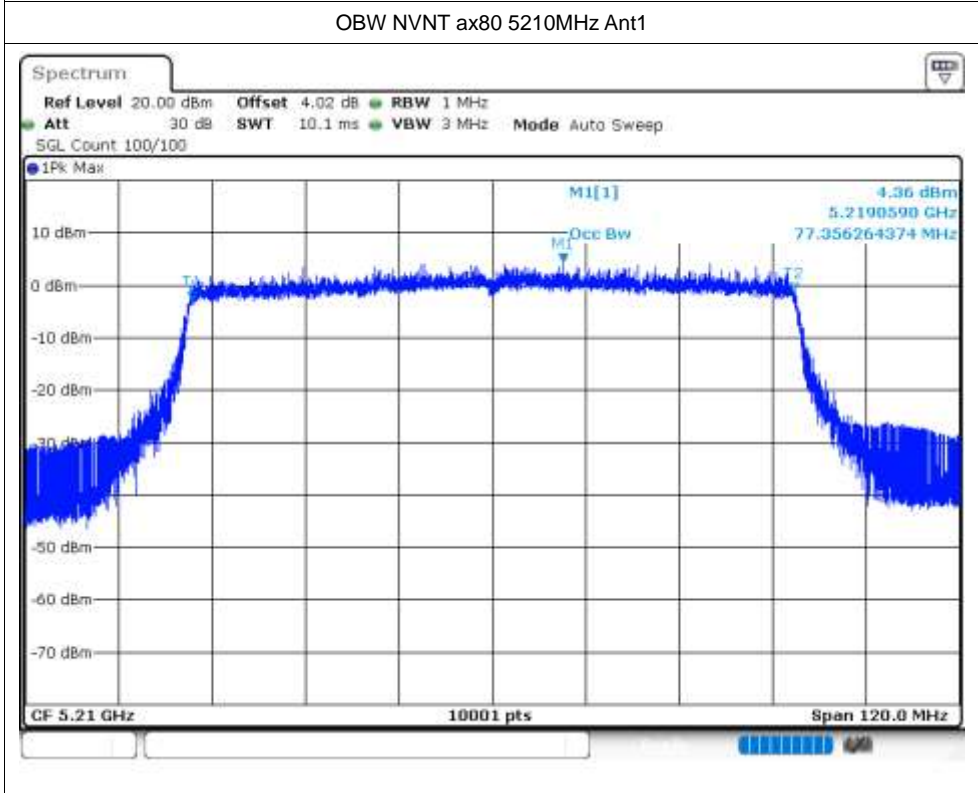
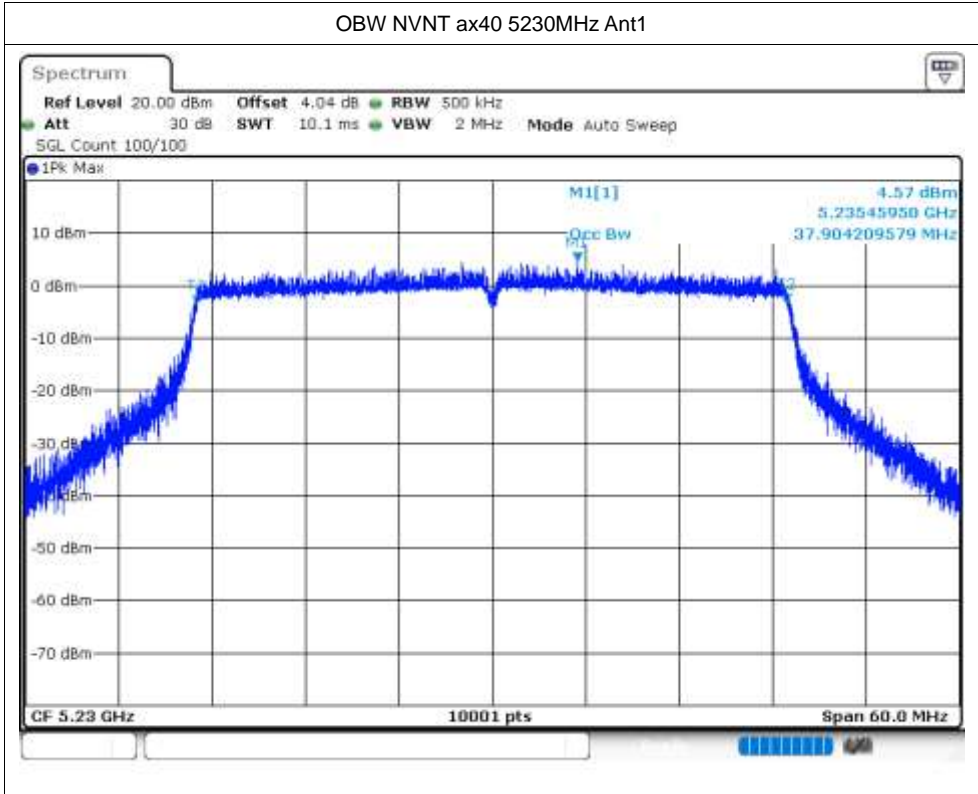










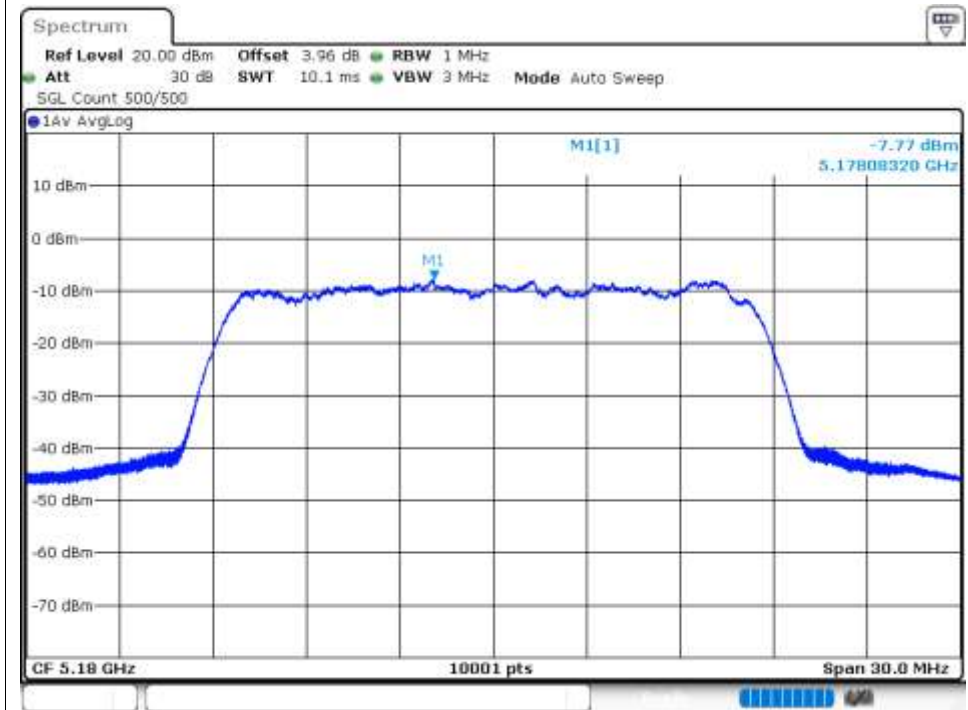


Maximum Power Spectral Density Level

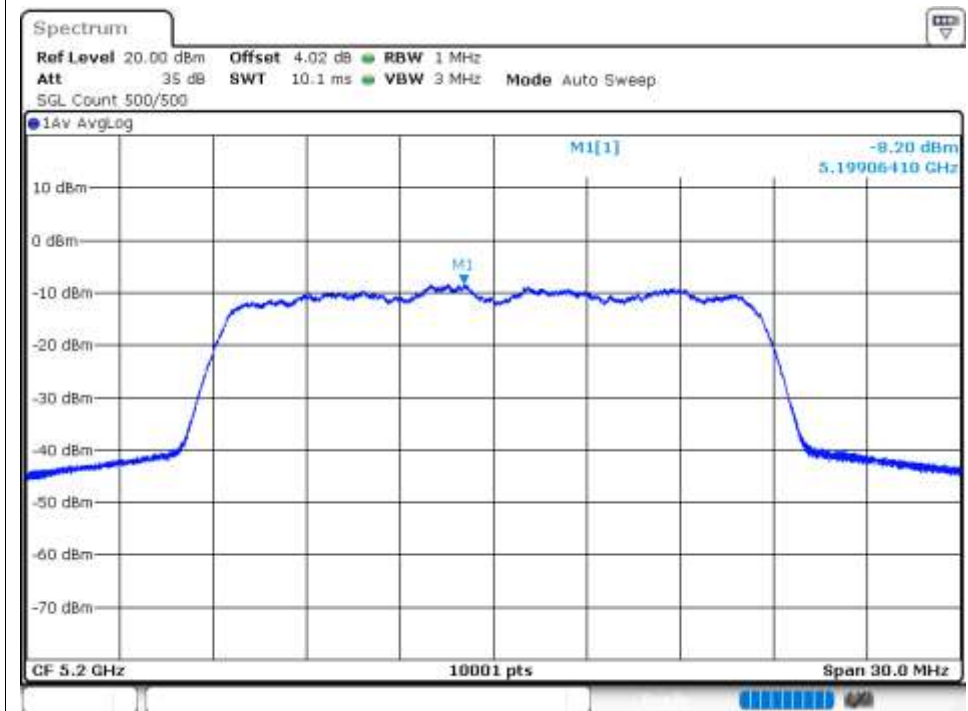
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-7.77	0.65	-7.12	11	Pass
NVNT	a	5200	Ant1	-8.2	0.9	-7.3	11	Pass
NVNT	a	5240	Ant1	-9.37	0.88	-8.49	11	Pass
NVNT	n20	5180	Ant1	-7.93	0.59	-7.34	11	Pass
NVNT	n20	5200	Ant1	-8.66	0.77	-7.89	11	Pass
NVNT	n20	5240	Ant1	-7.88	1.02	-6.86	11	Pass
NVNT	n40	5190	Ant1	-8.71	0.41	-8.3	11	Pass
NVNT	n40	5230	Ant1	-11.67	0.8	-10.87	11	Pass
NVNT	ac20	5180	Ant1	-3.89	0.64	-3.25	11	Pass
NVNT	ac20	5200	Ant1	-6.65	0.77	-5.88	11	Pass
NVNT	ac20	5240	Ant1	-7.59	0.96	-6.63	11	Pass
NVNT	ac40	5190	Ant1	-9.85	0.92	-8.93	11	Pass
NVNT	ac40	5230	Ant1	-10.89	0.73	-10.16	11	Pass
NVNT	ac80	5210	Ant1	-10.32	0.35	-9.97	11	Pass
NVNT	ax20	5180	Ant1	-7.16	0.54	-6.62	11	Pass
NVNT	ax20	5200	Ant1	-10.83	0.86	-9.97	11	Pass
NVNT	ax20	5240	Ant1	-11.84	0.93	-10.91	11	Pass
NVNT	ax40	5190	Ant1	-14.73	0.89	-13.84	11	Pass
NVNT	ax40	5230	Ant1	-17.83	1.47	-16.36	11	Pass
NVNT	ax80	5210	Ant1	-10.88	0.4	-10.48	11	Pass

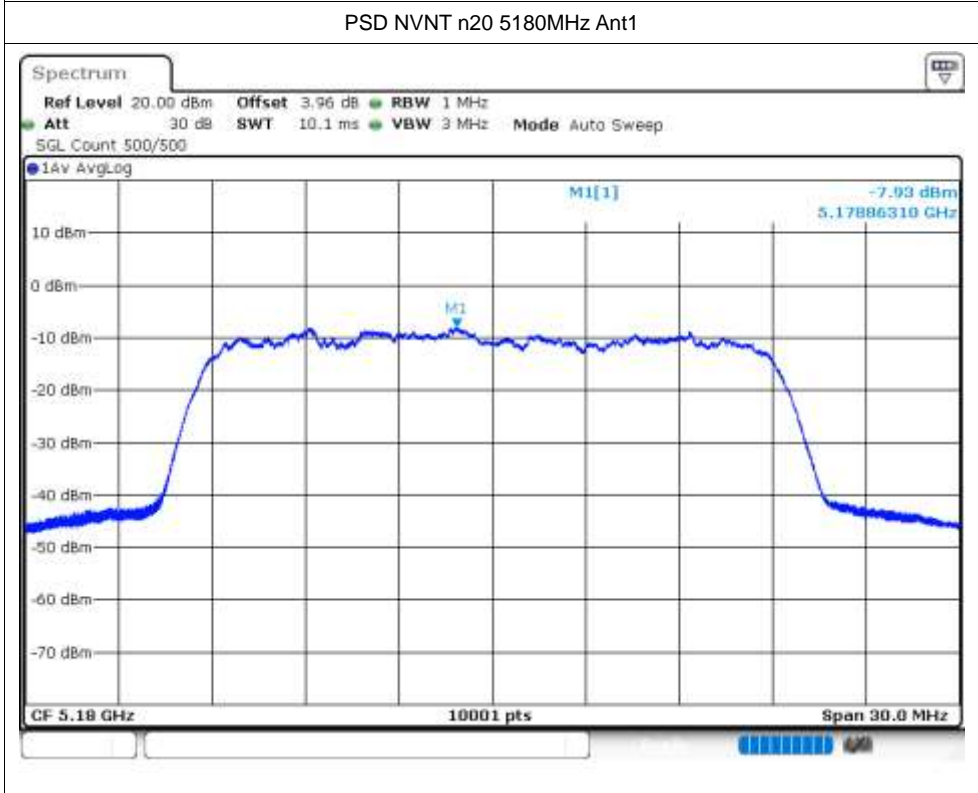
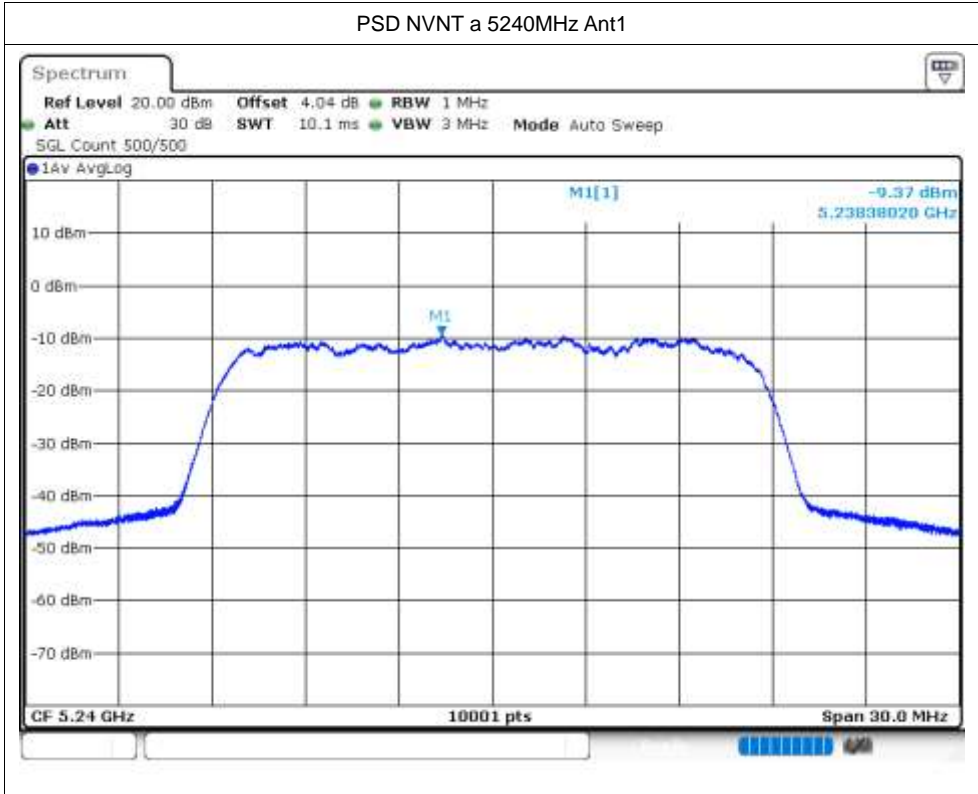
Test Graphs

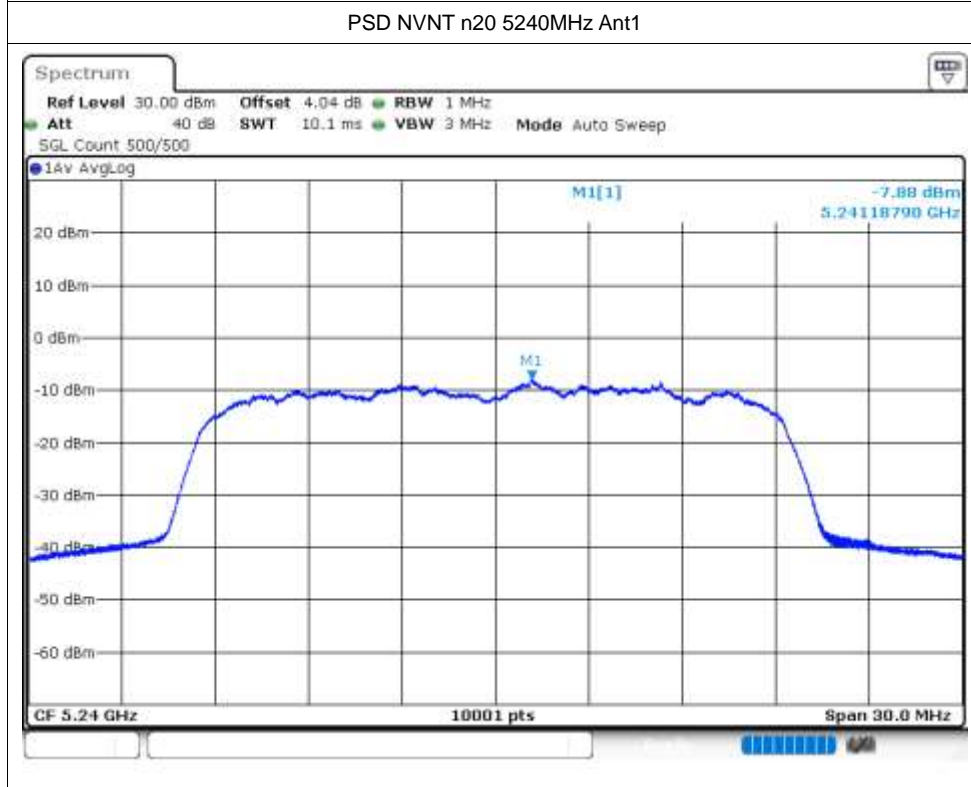
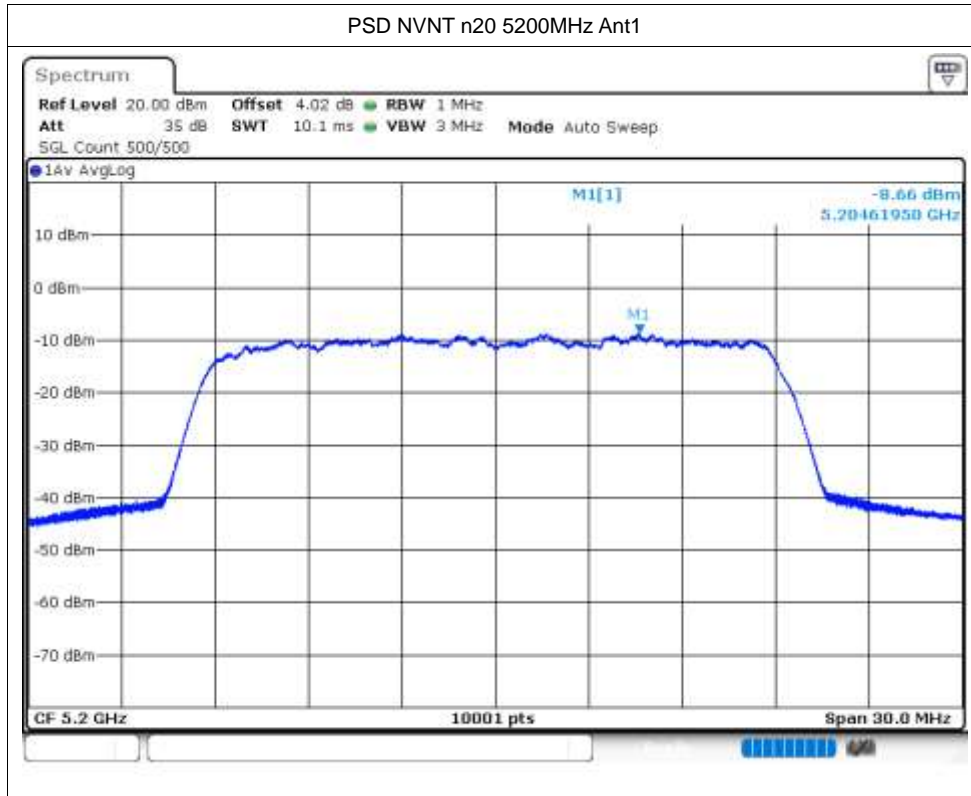
PSD NVNT a 5180MHz Ant1

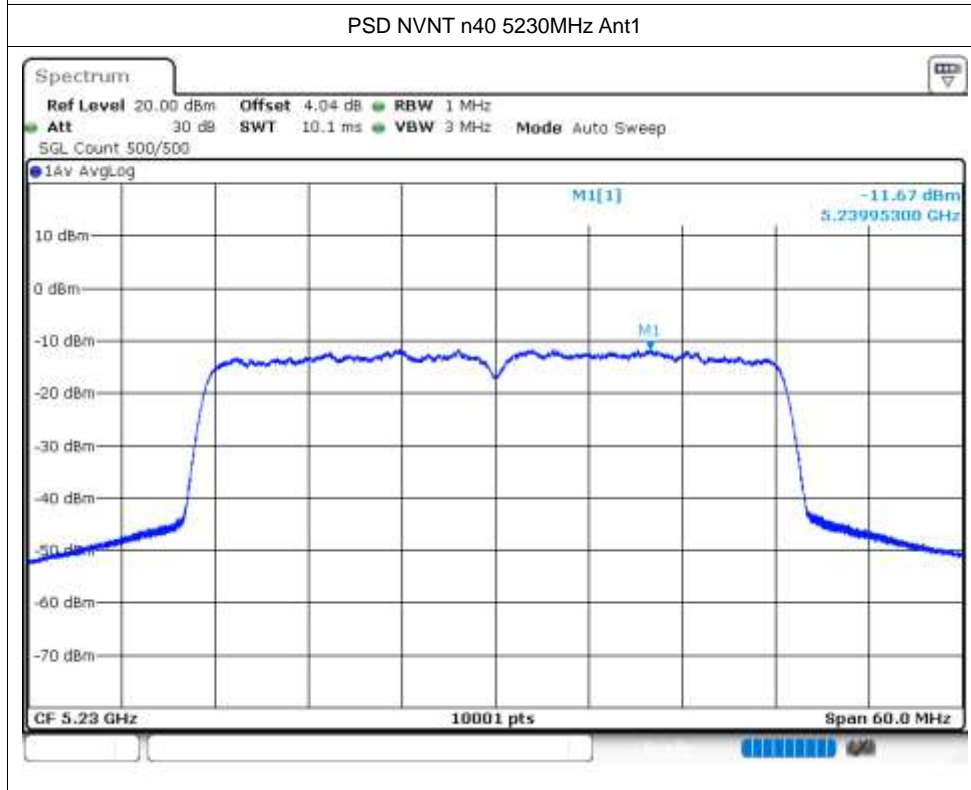
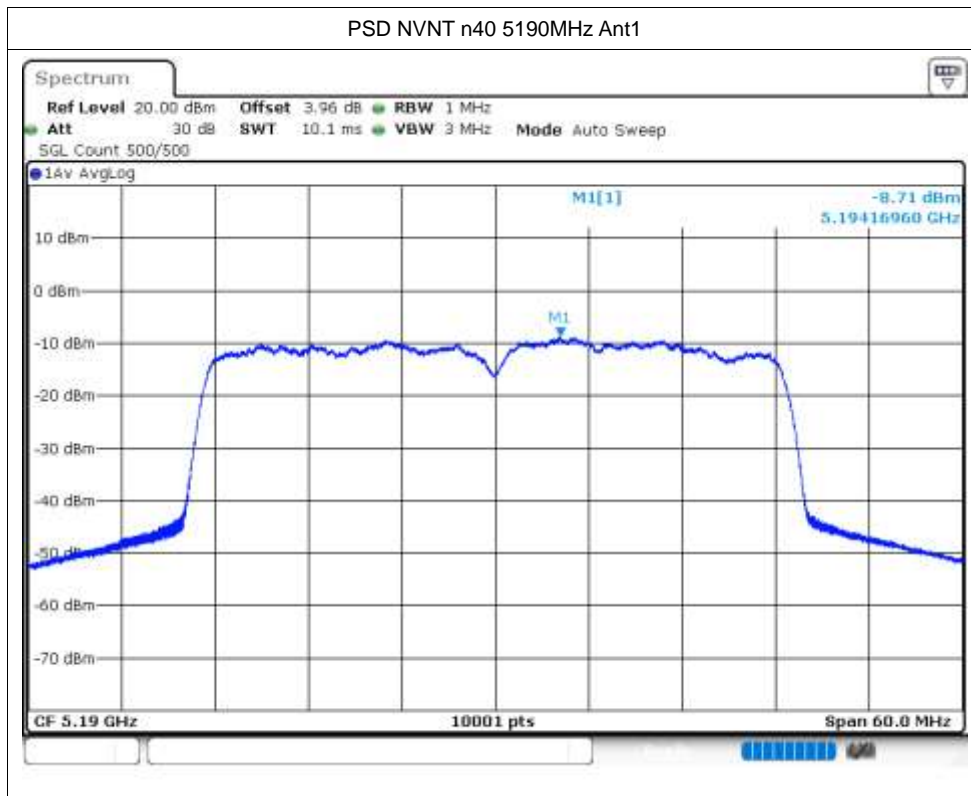


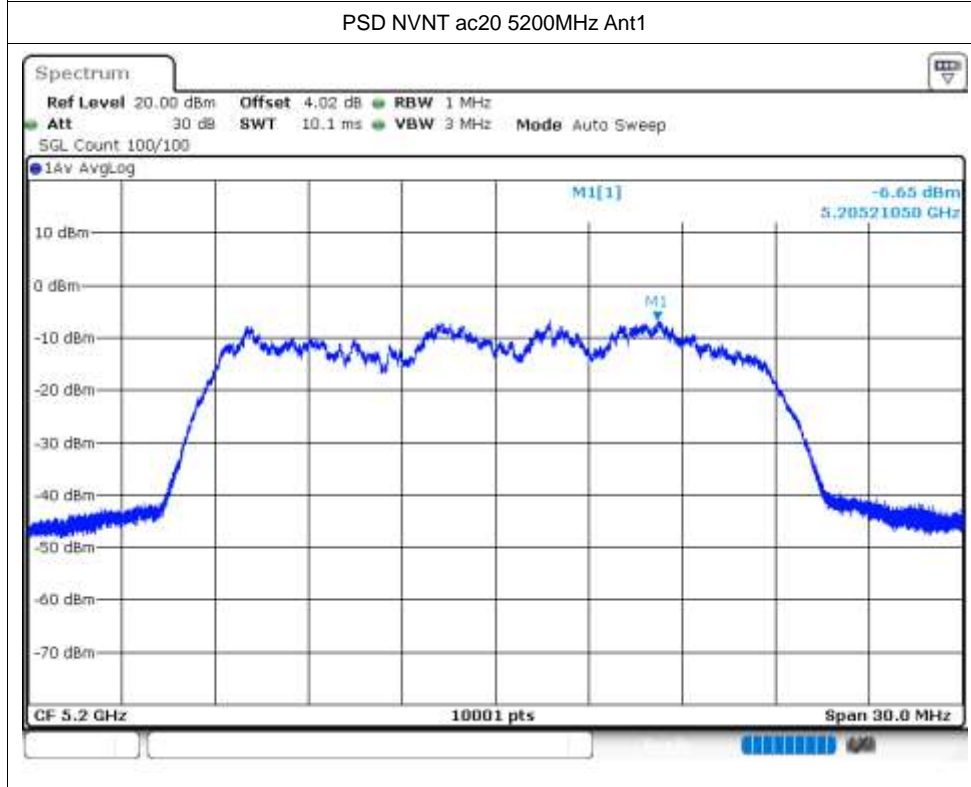
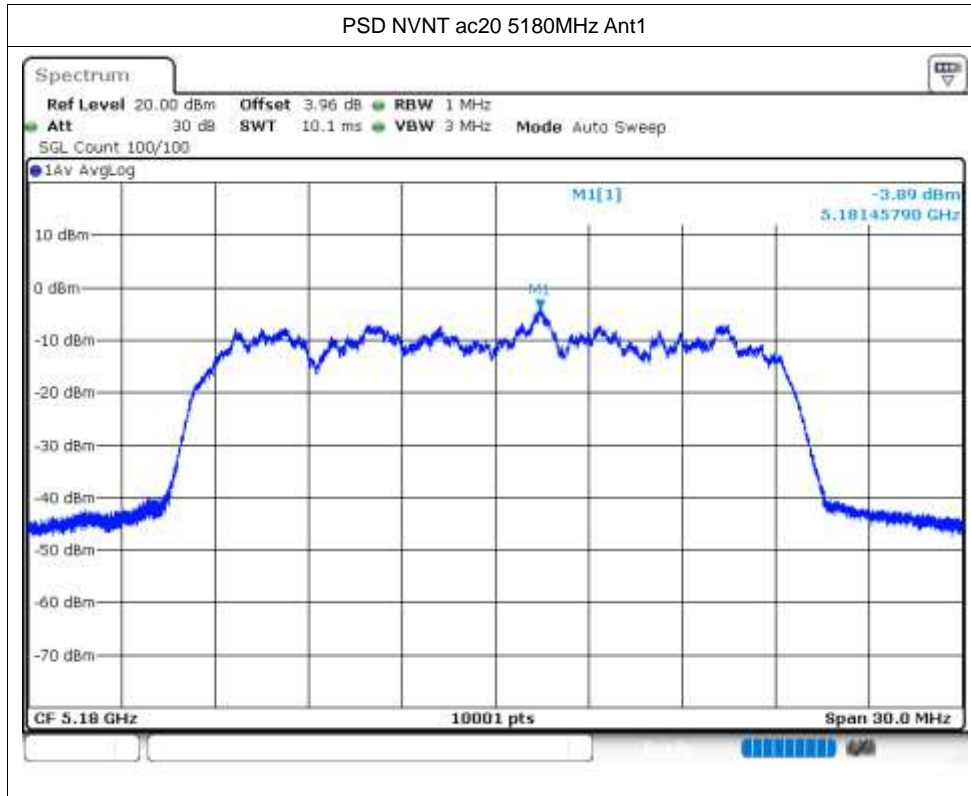
PSD NVNT a 5200MHz Ant1

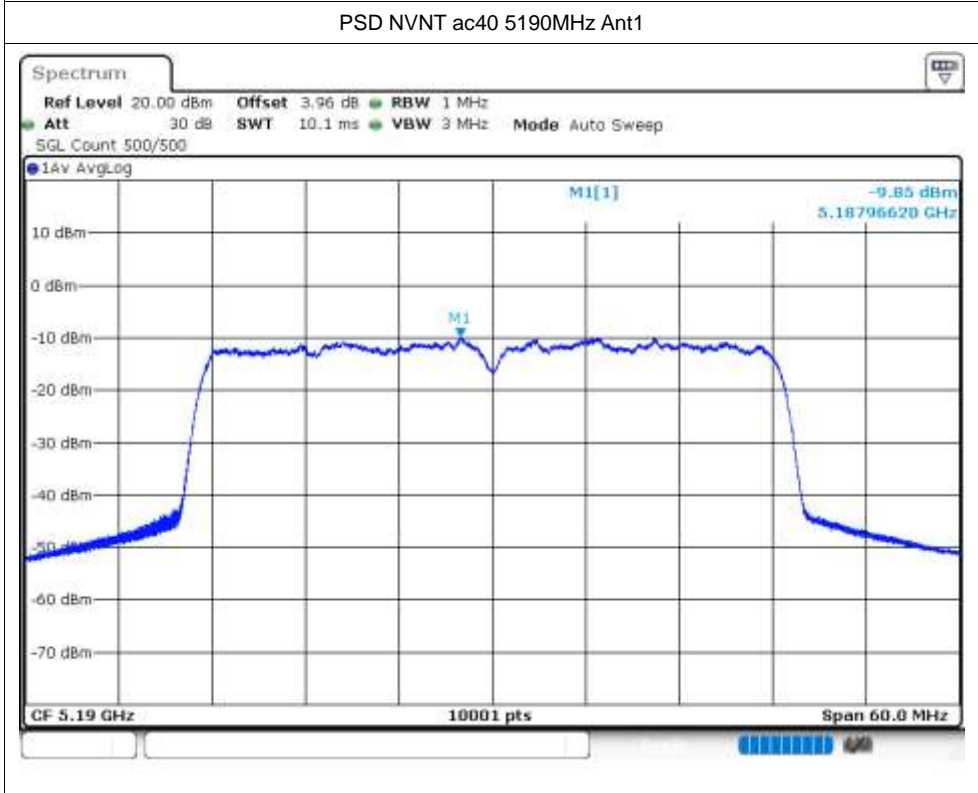
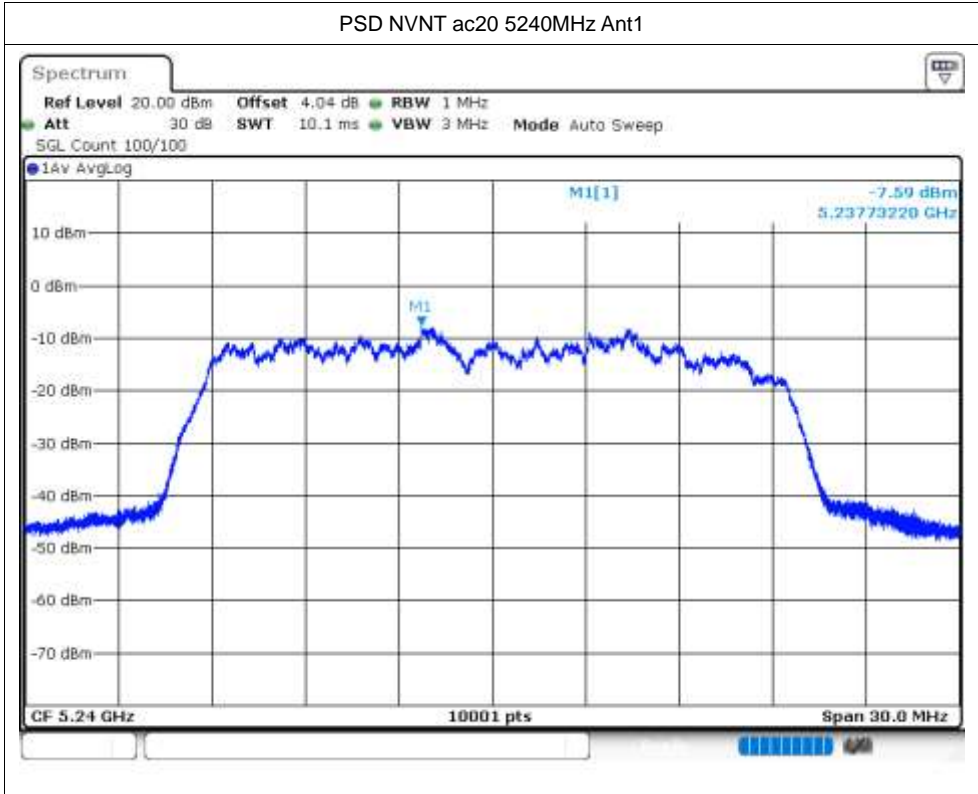


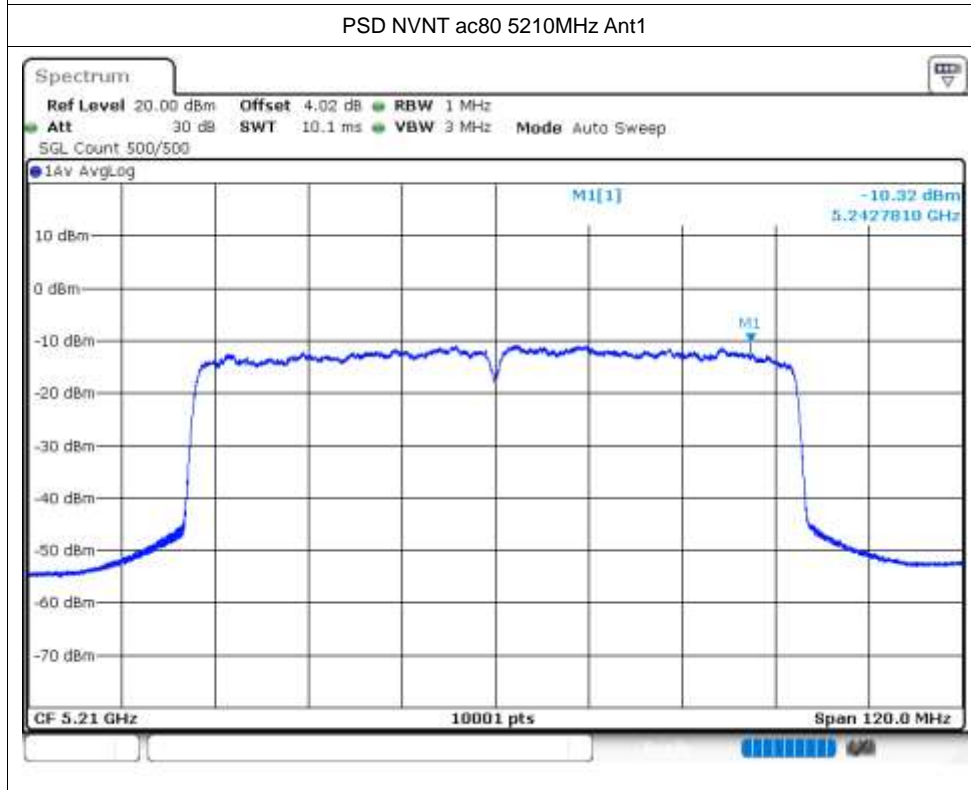
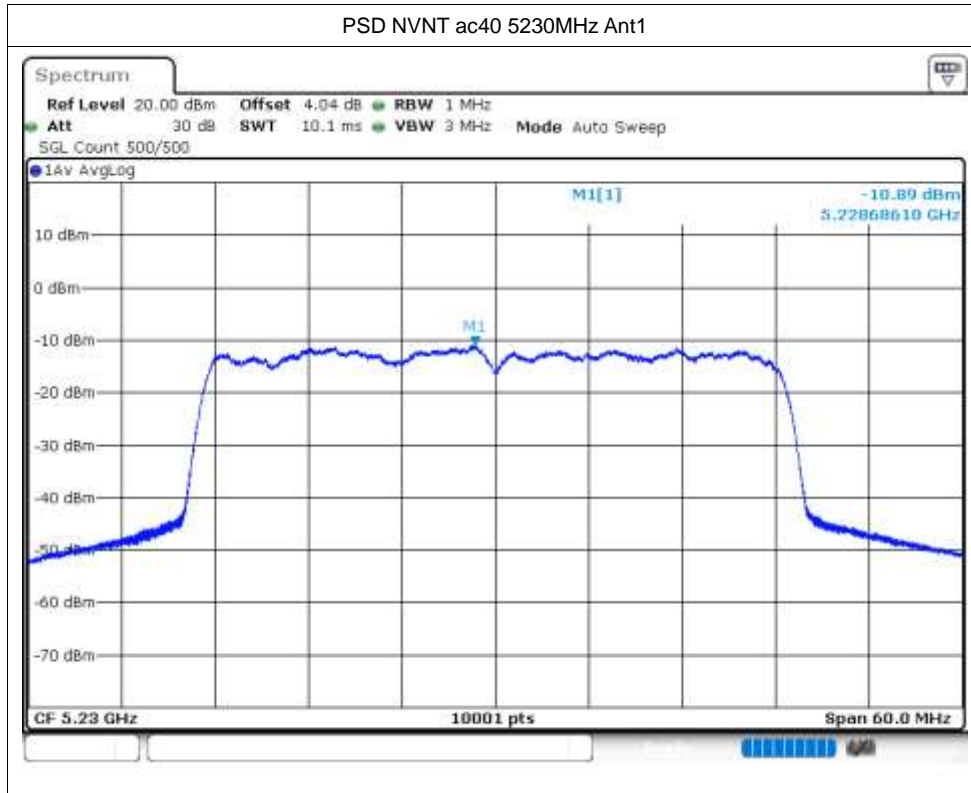


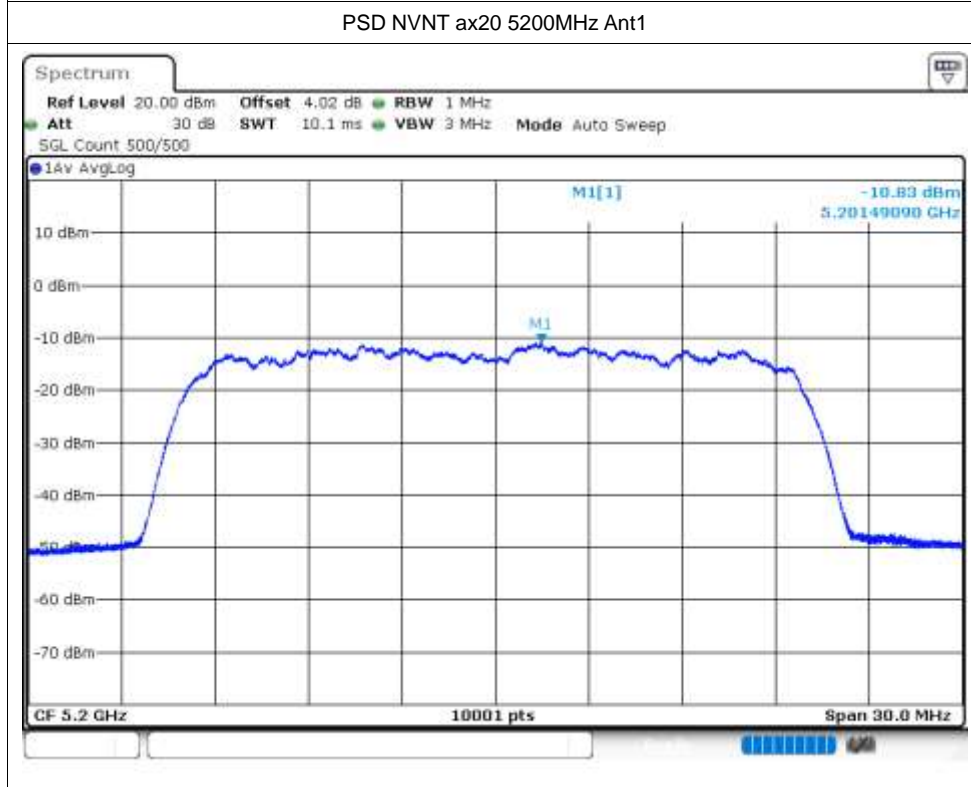
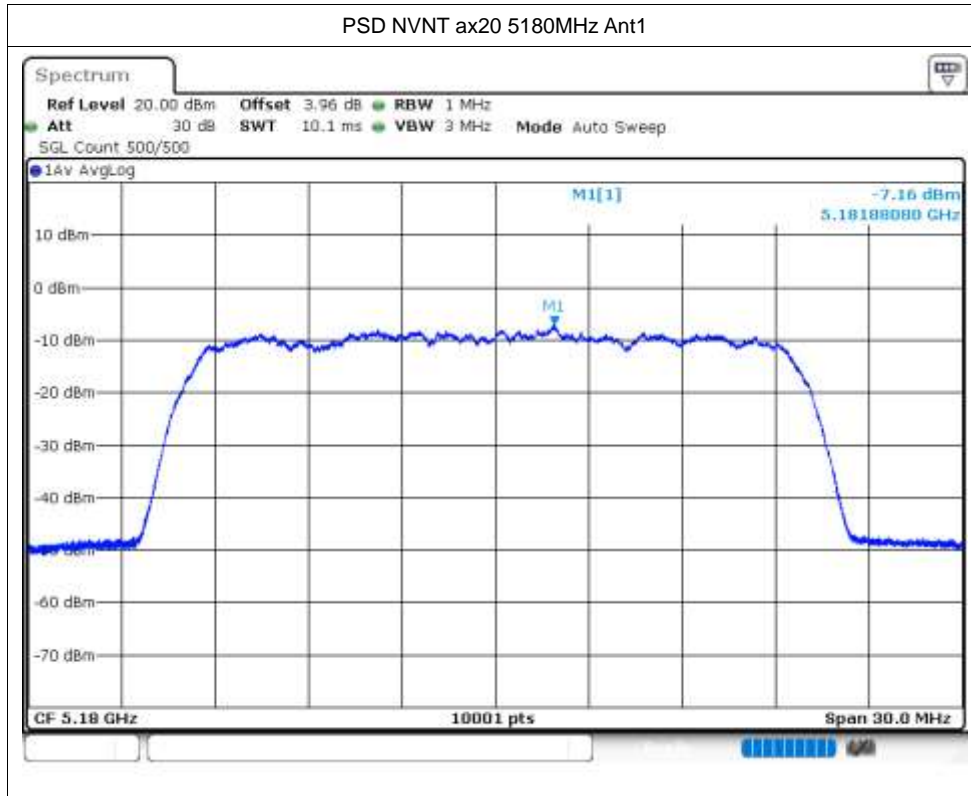


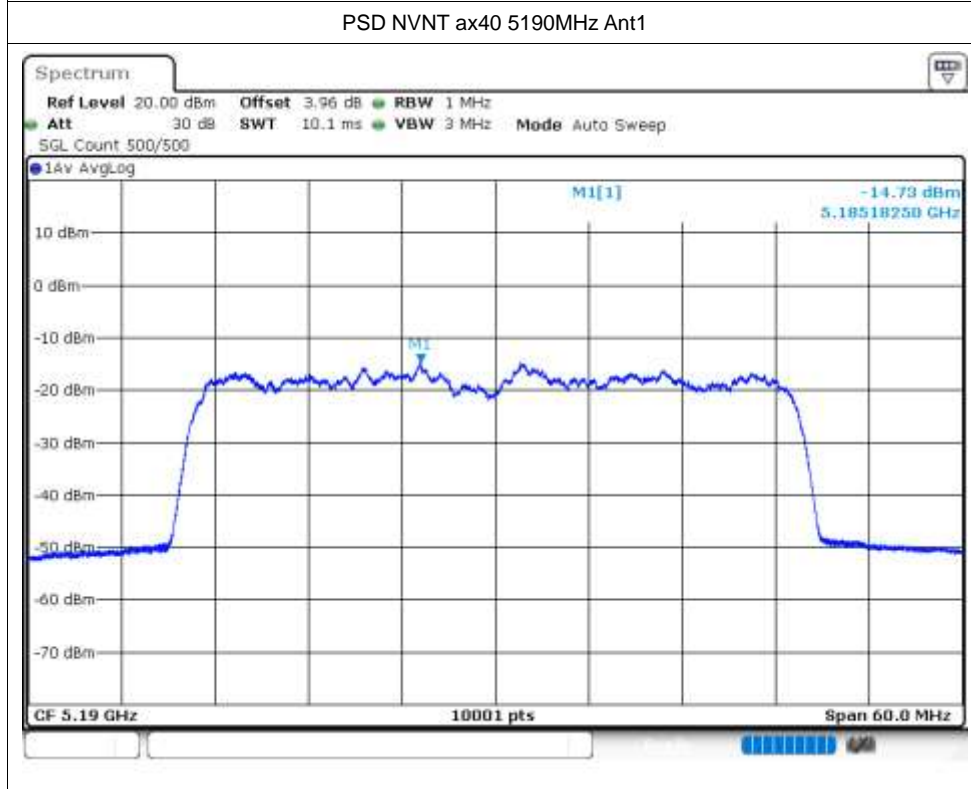
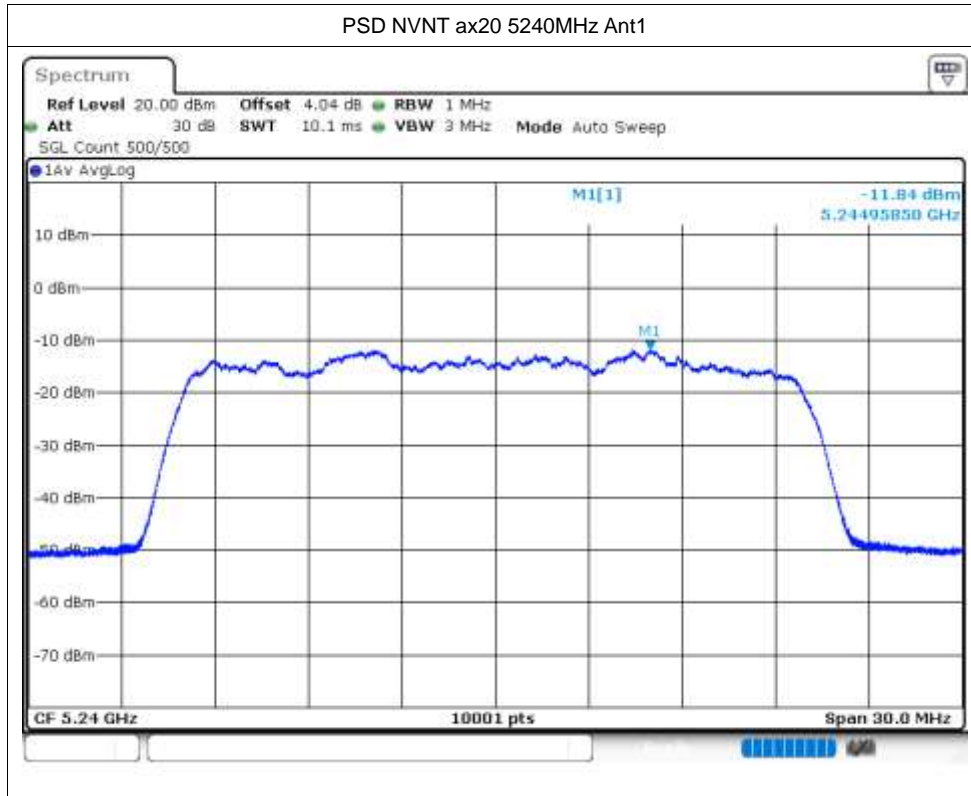


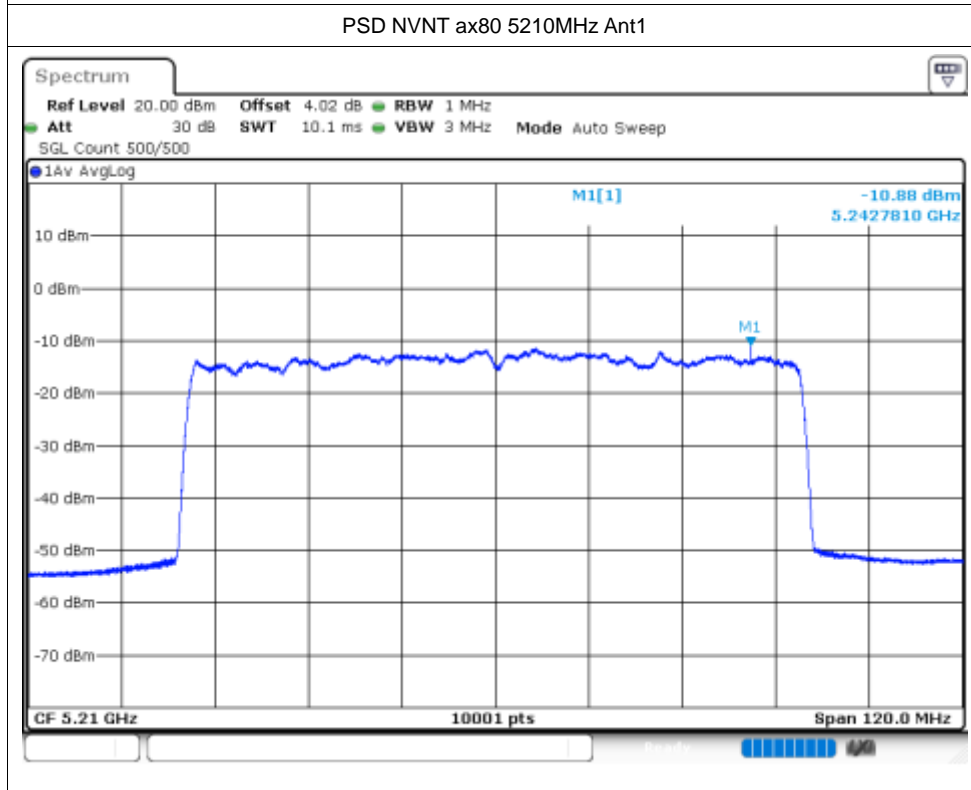
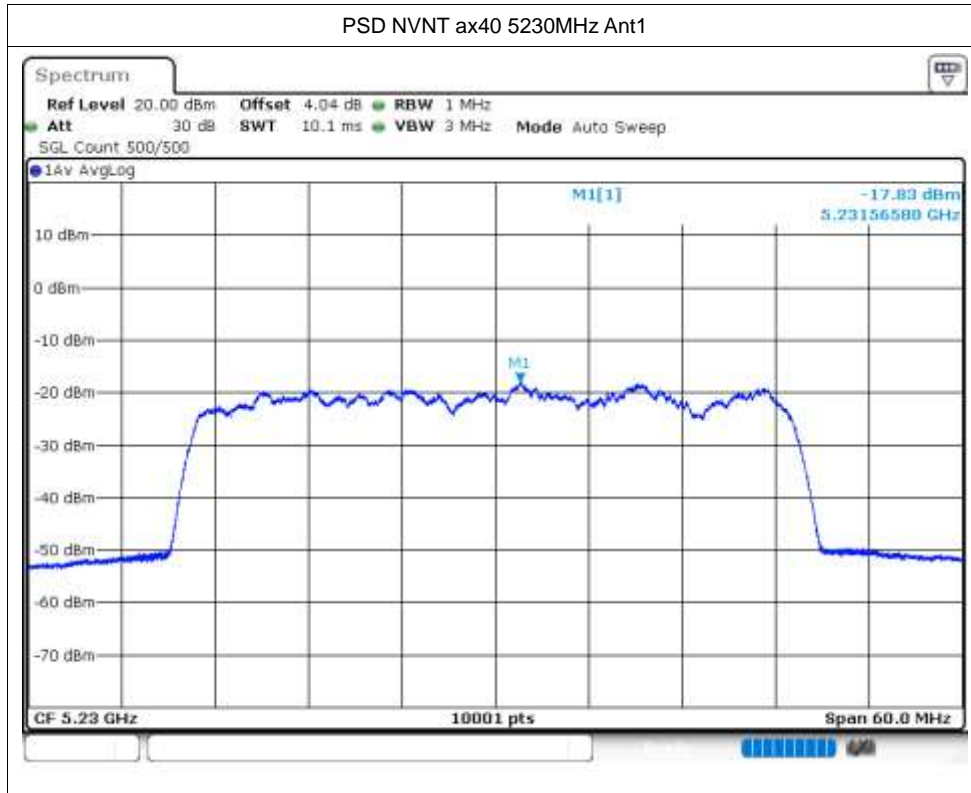










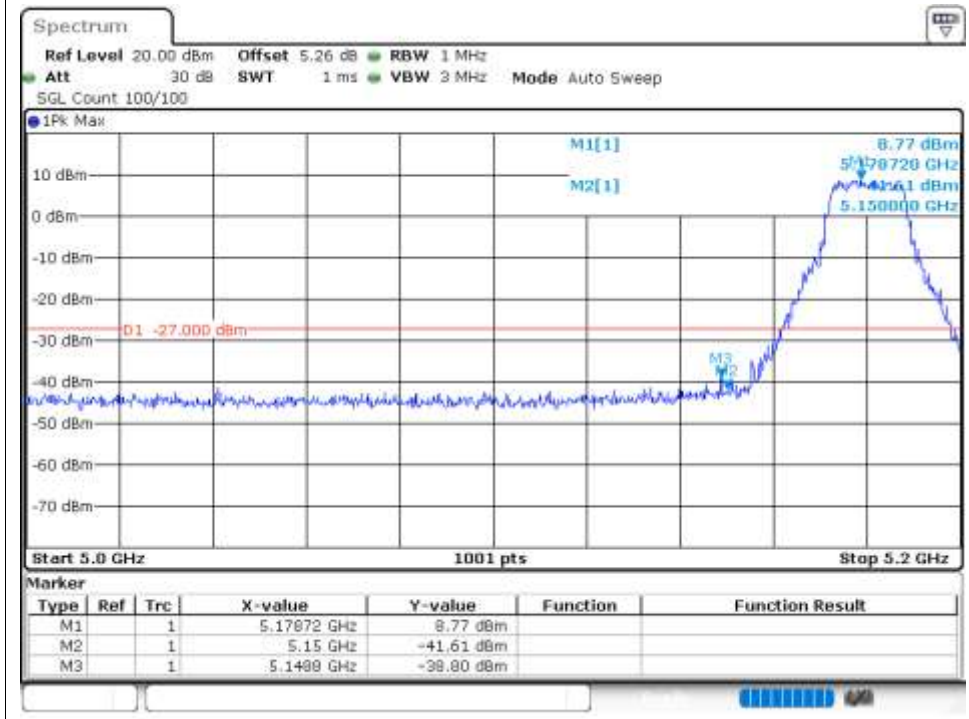


Band Edge

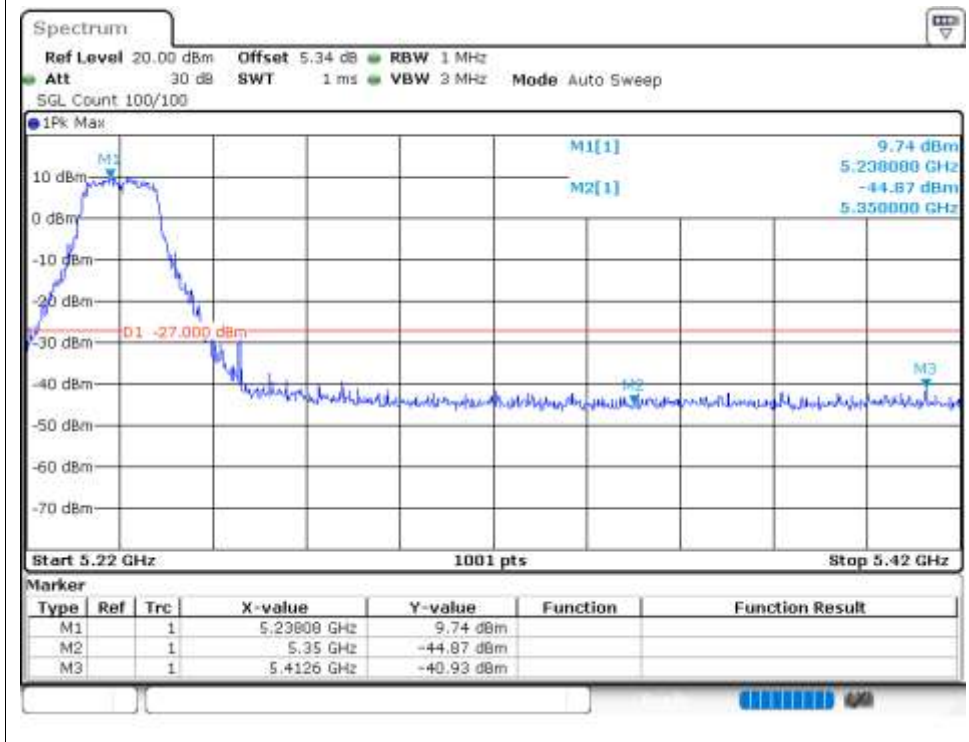
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-38.79	-27	Pass
NVNT	a	5240	Ant1	-40.93	-27	Pass
NVNT	n20	5180	Ant1	-35.39	-27	Pass
NVNT	n20	5240	Ant1	-40.61	-27	Pass
NVNT	n40	5190	Ant1	-35.73	-27	Pass
NVNT	n40	5230	Ant1	-41.69	-27	Pass
NVNT	ac20	5180	Ant1	-40.96	-27	Pass
NVNT	ac20	5240	Ant1	-42.14	-27	Pass
NVNT	ac40	5190	Ant1	-38.77	-27	Pass
NVNT	ac40	5230	Ant1	-41.95	-27	Pass
NVNT	ac80	5210	Ant1	-42.81	-27	Pass
NVNT	ax20	5180	Ant1	-34.95	-27	Pass
NVNT	ax20	5240	Ant1	-41.97	-27	Pass
NVNT	ax40	5190	Ant1	-33.58	-27	Pass
NVNT	ax40	5230	Ant1	-42.05	-27	Pass
NVNT	ax80	5210	Ant1	-41.79	-27	Pass

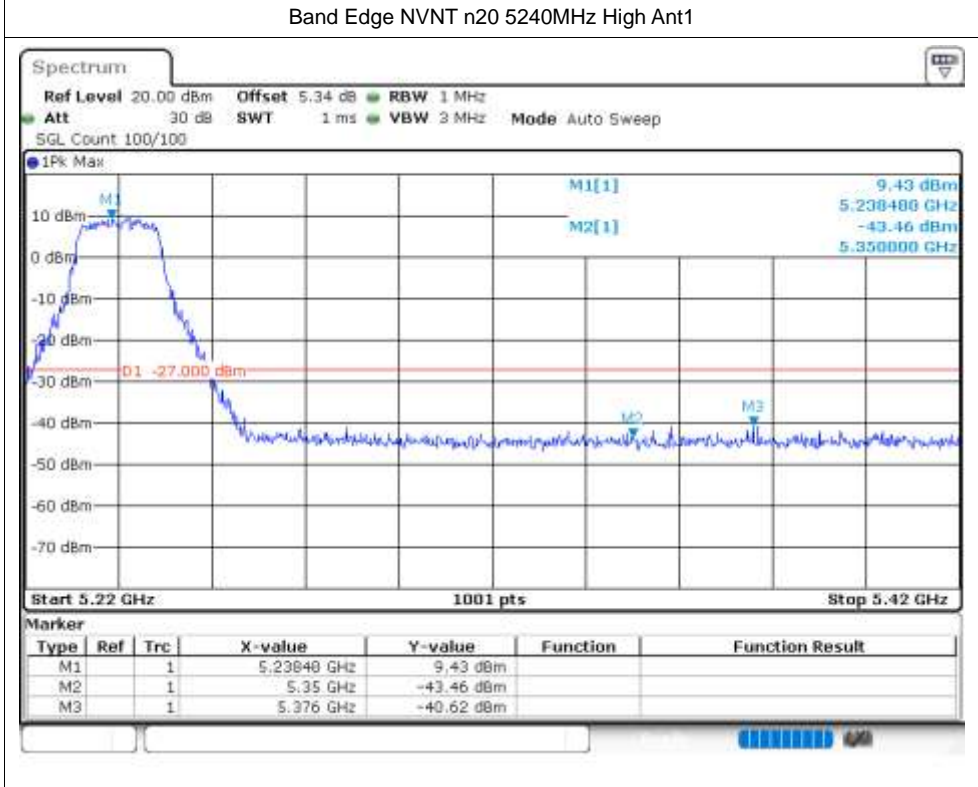
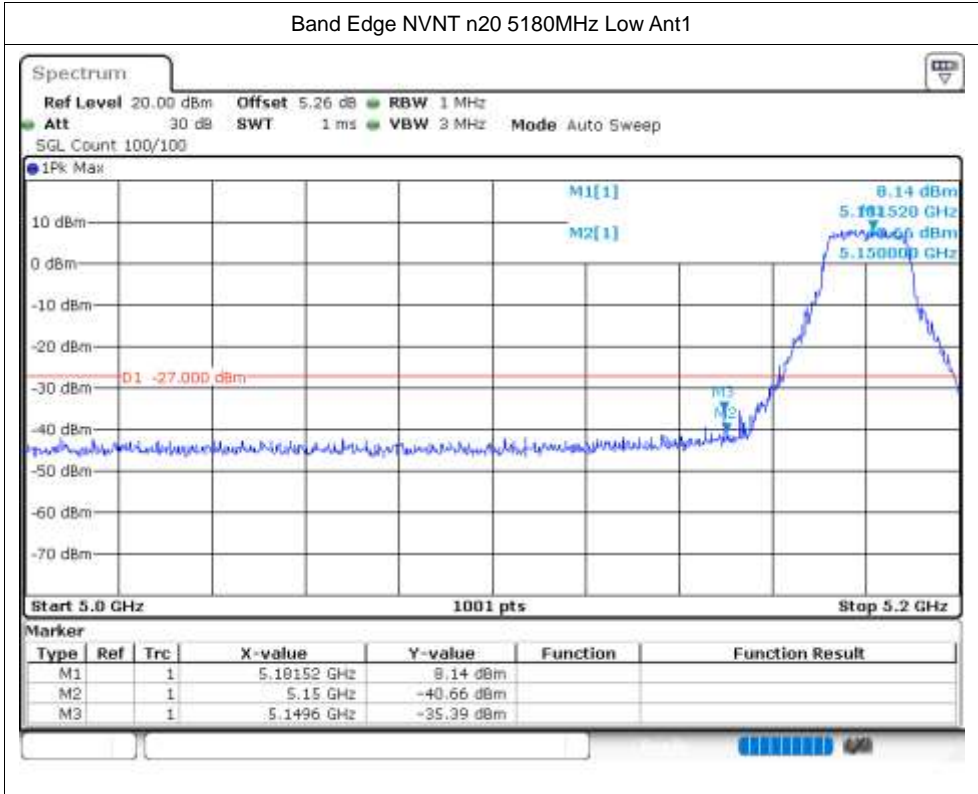
Test Graphs

Band Edge NVNT a 5180MHz Low Ant1

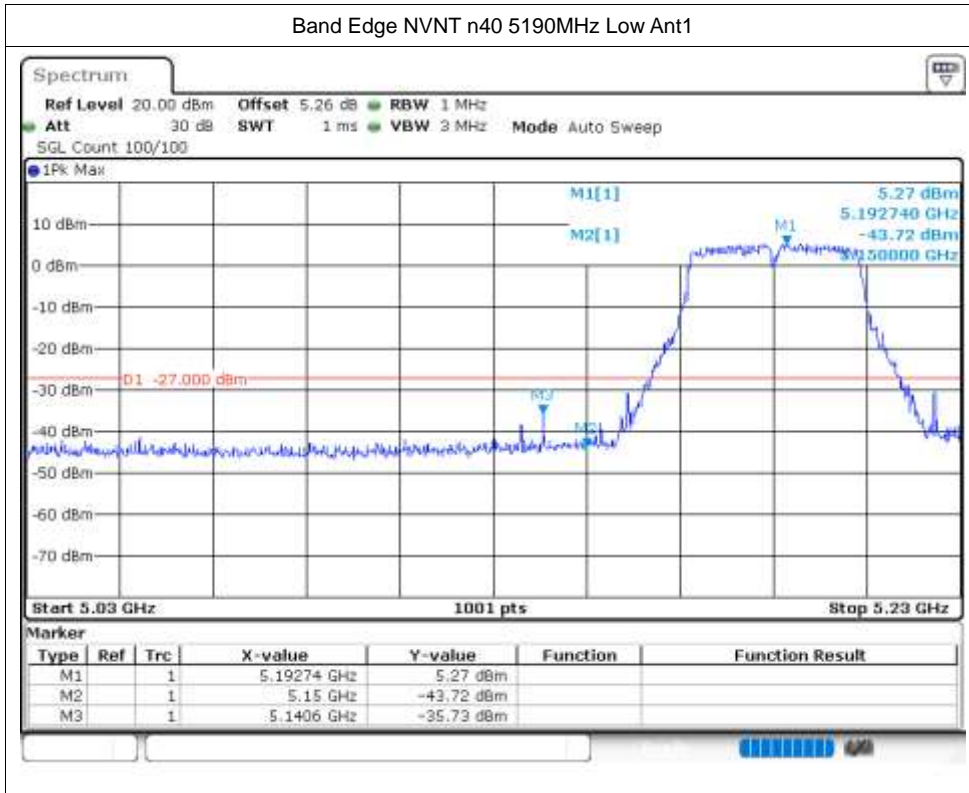


Band Edge NVNT a 5240MHz High Ant1

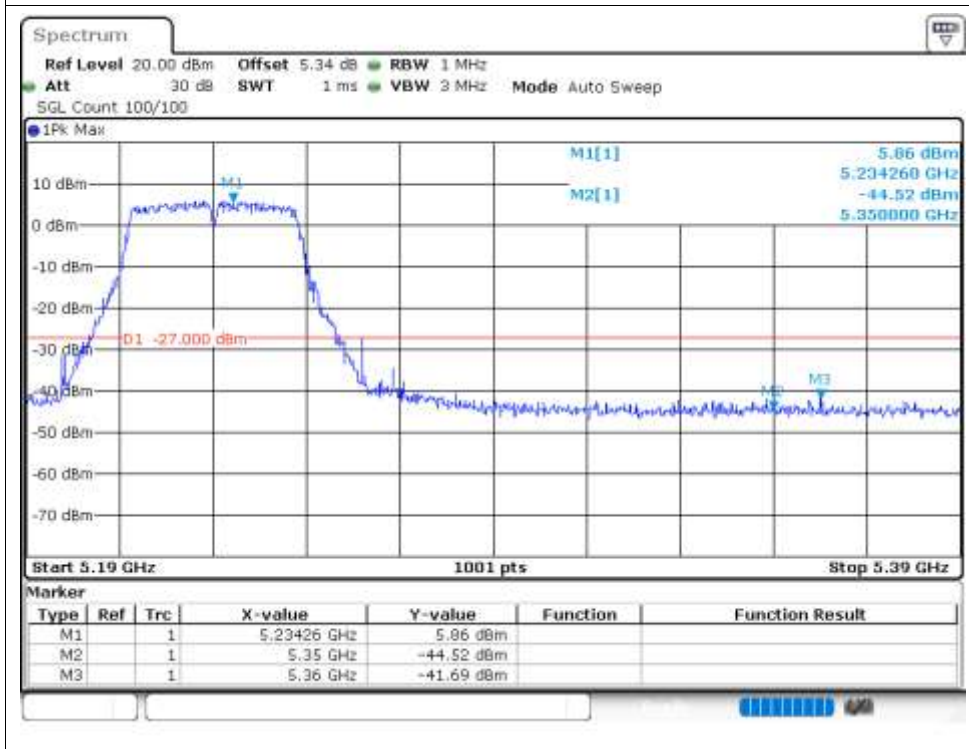


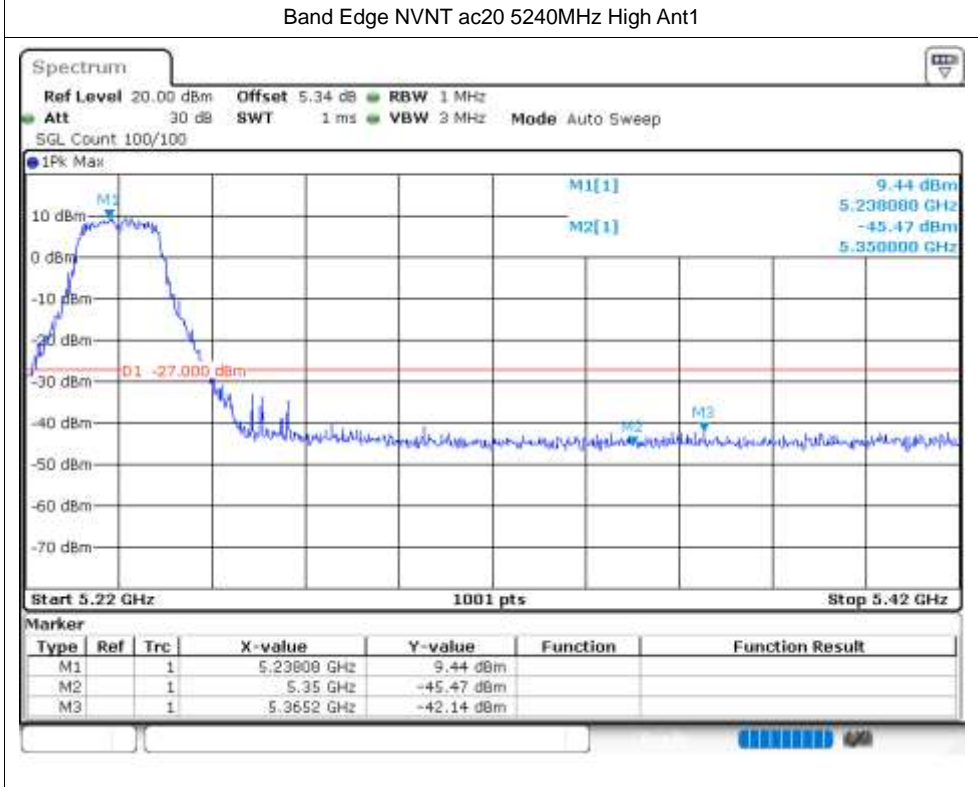
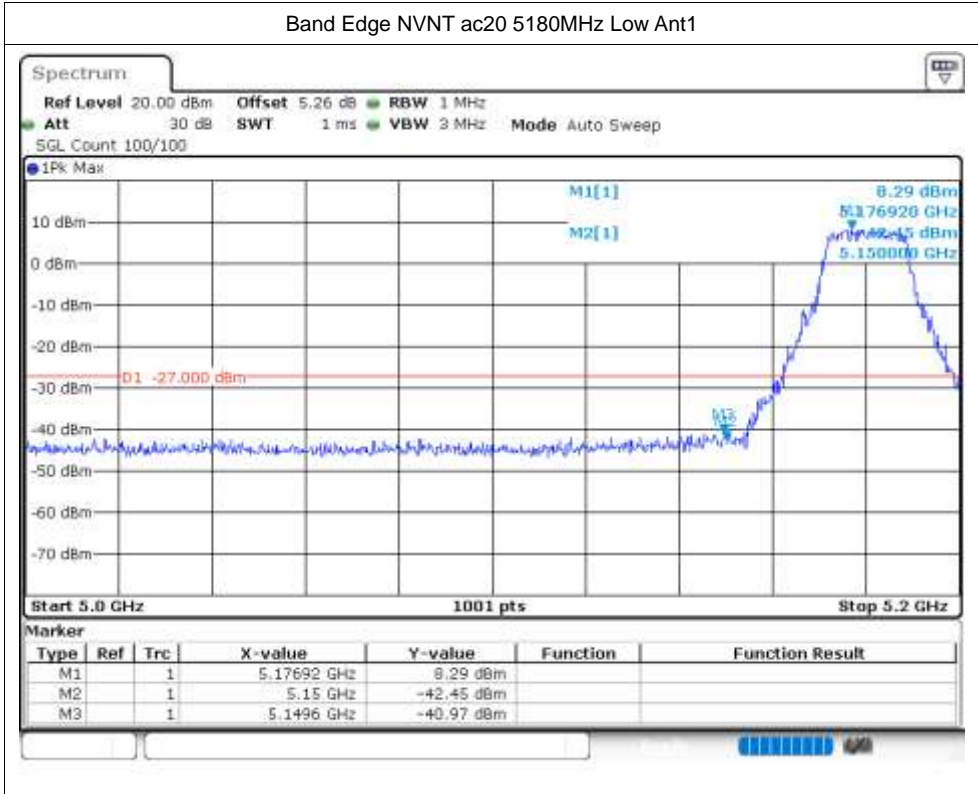


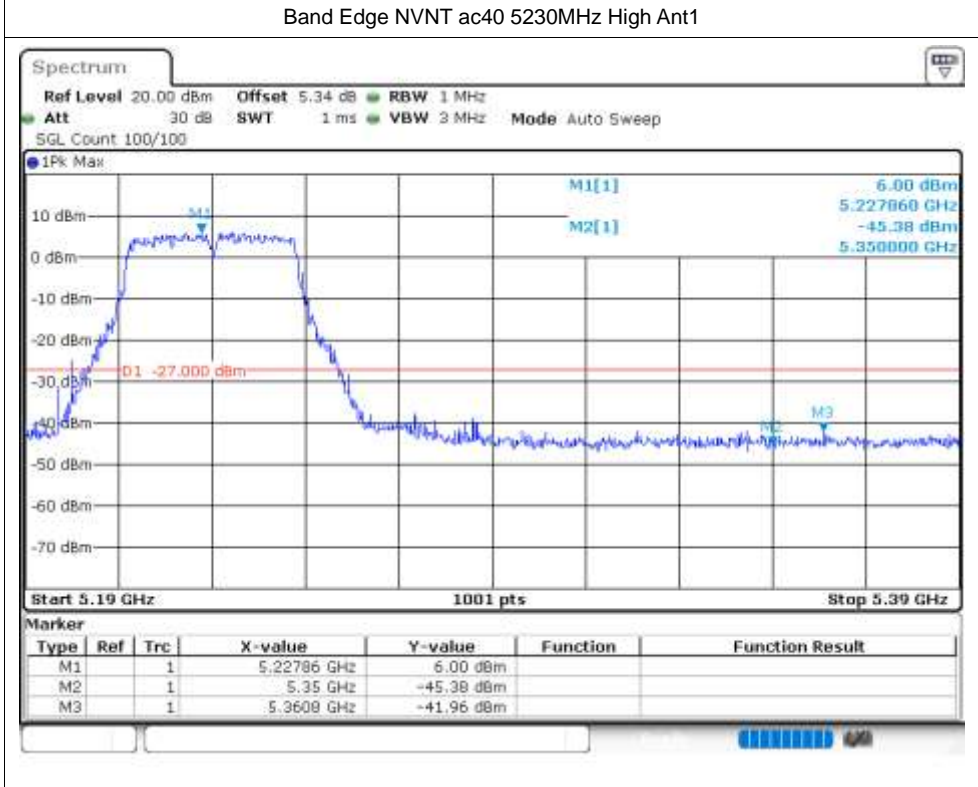
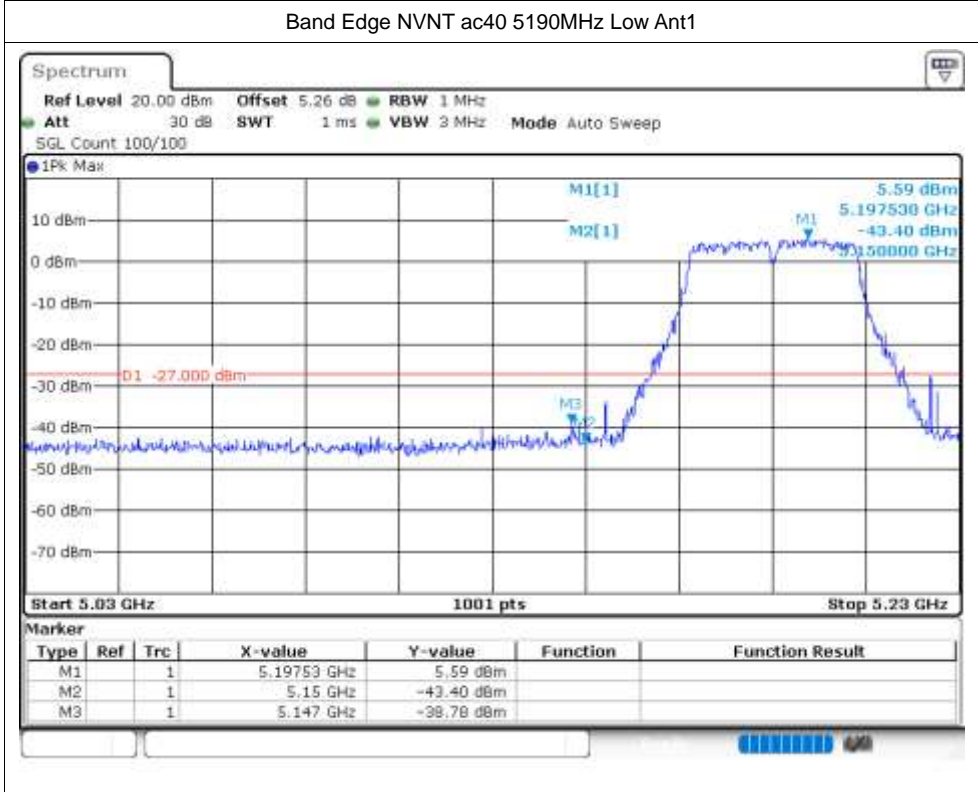
Band Edge NVNT n40 5190MHz Low Ant1



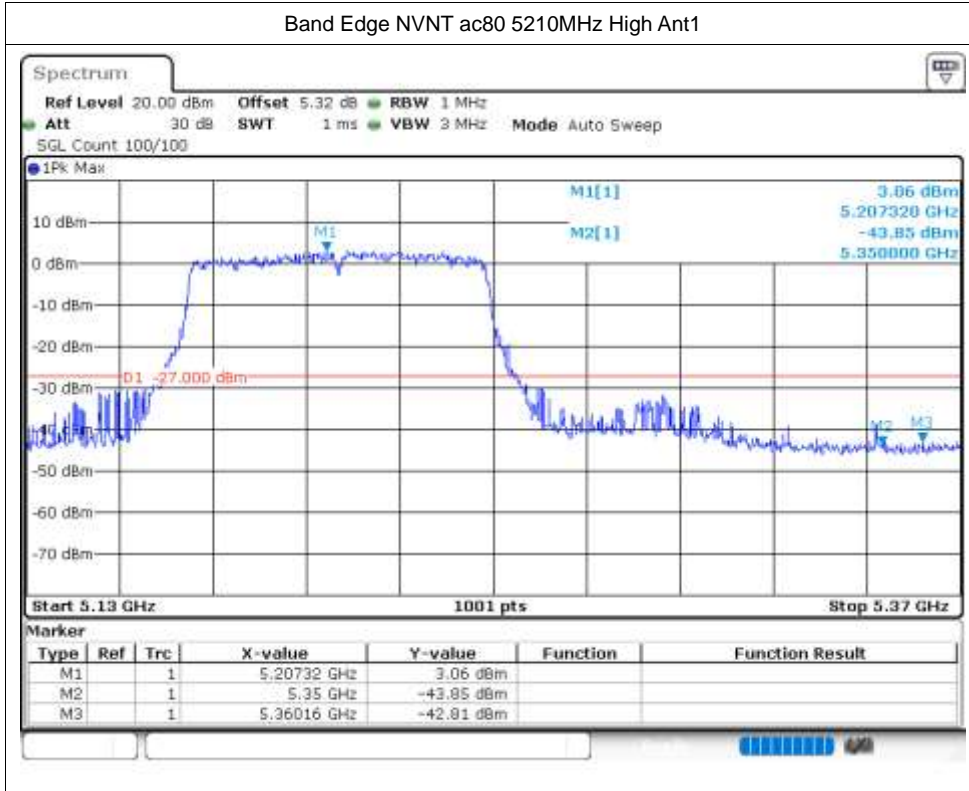
Band Edge NVNT n40 5230MHz High Ant1







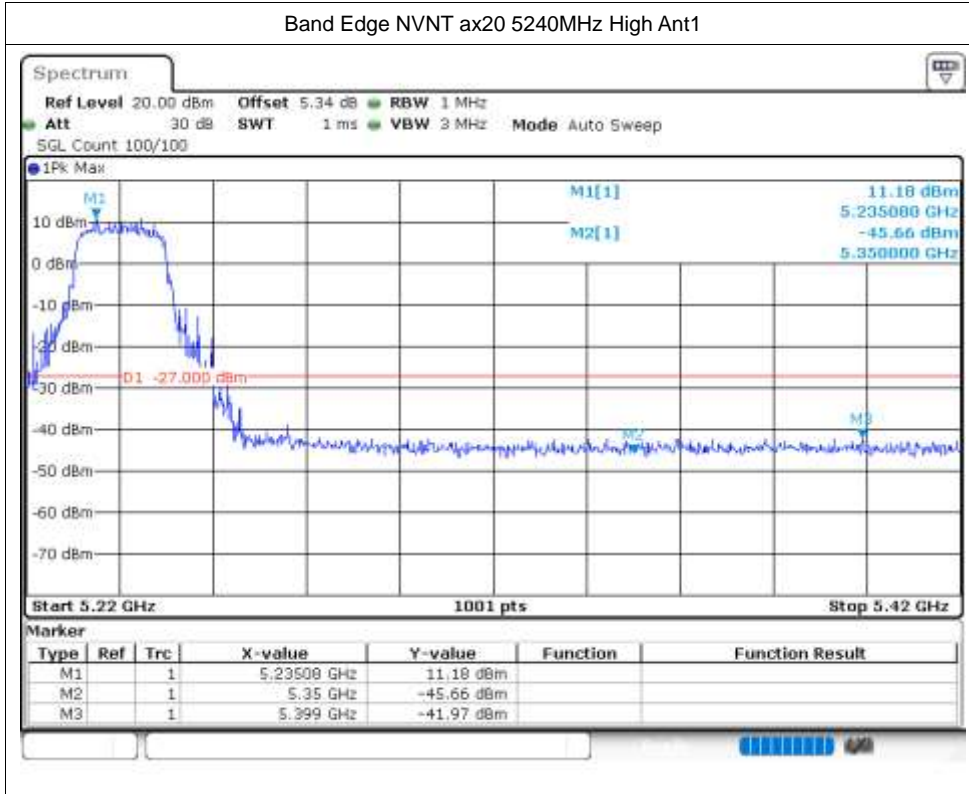
Band Edge NVNT ac80 5210MHz High Ant1



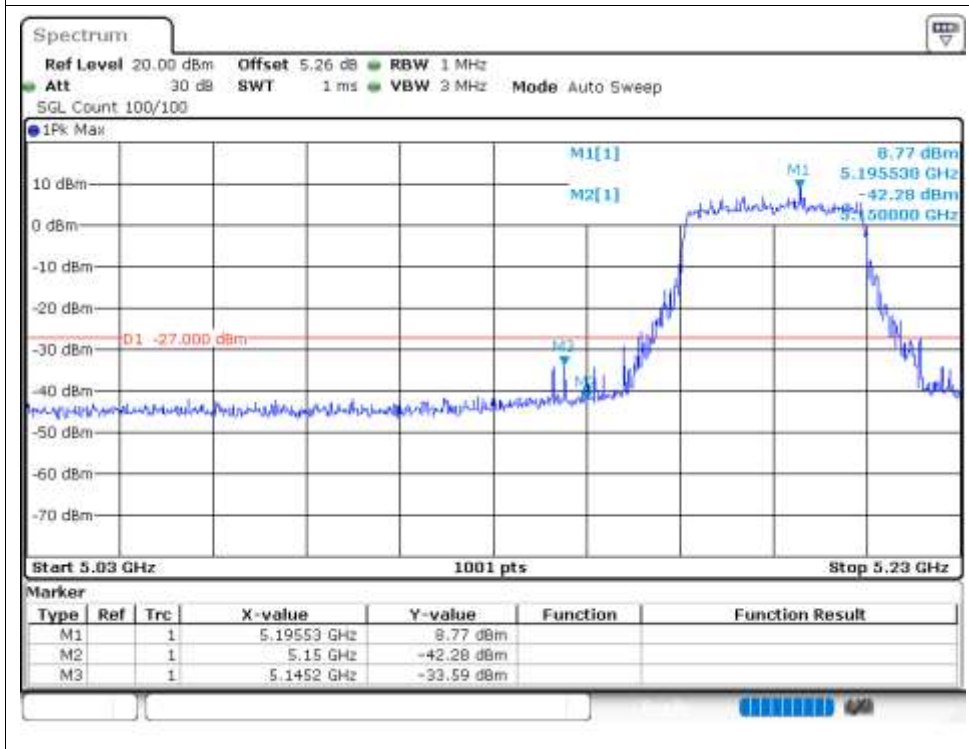
Band Edge NVNT ax20 5180MHz Low Ant1

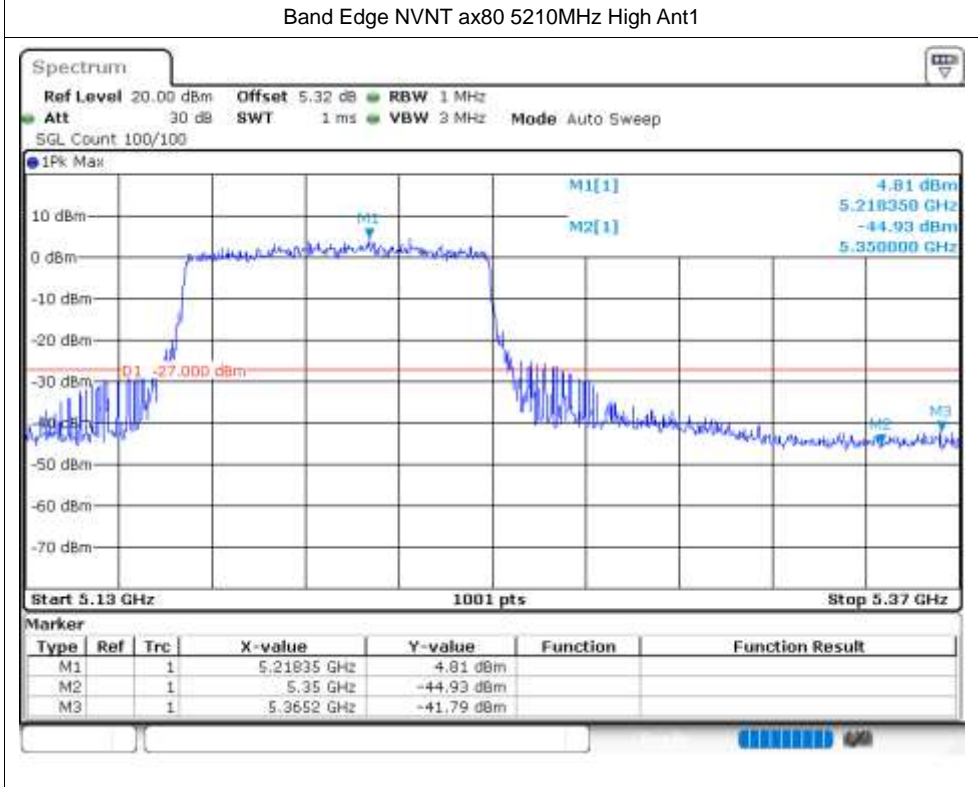
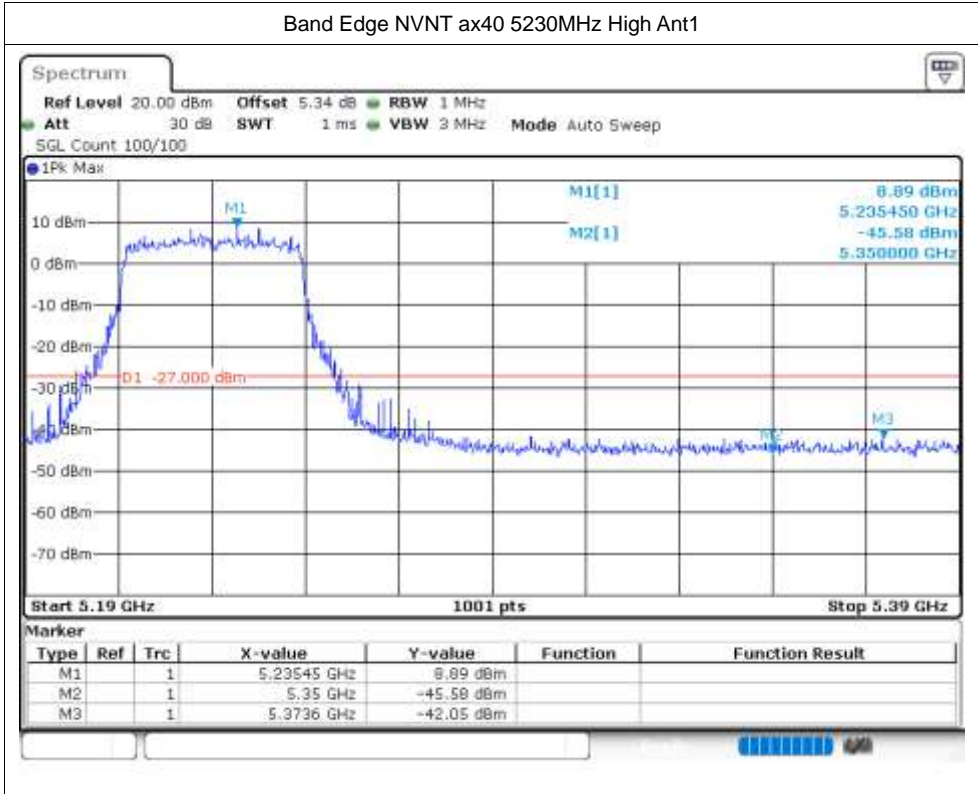


Band Edge NVNT ax20 5240MHz High Ant1



Band Edge NVNT ax40 5190MHz Low Ant1



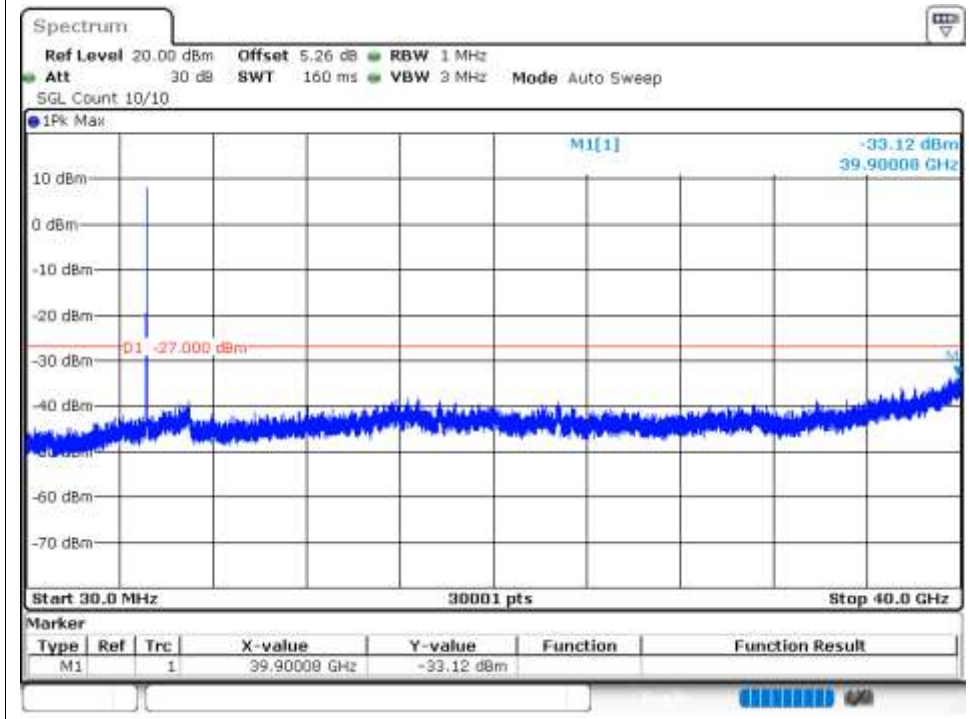


Conducted RF Spurious Emission

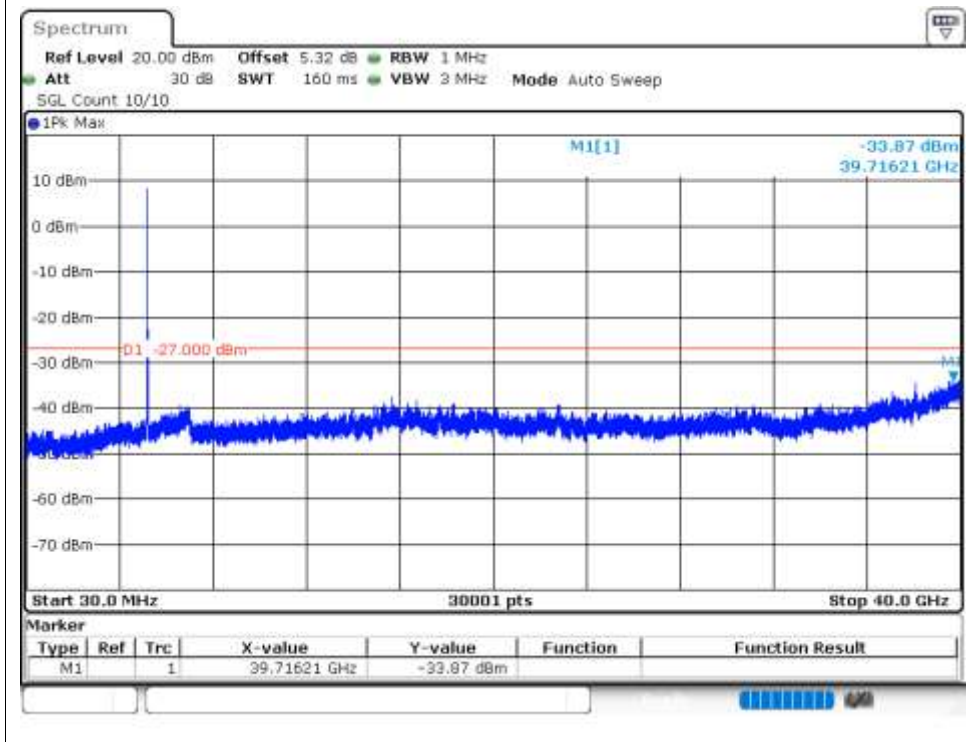
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-33.11	-27	Pass
NVNT	a	5200	Ant1	-33.86	-27	Pass
NVNT	a	5240	Ant1	-32.46	-27	Pass
NVNT	n20	5180	Ant1	-33.8	-27	Pass
NVNT	n20	5200	Ant1	-33.55	-27	Pass
NVNT	n20	5240	Ant1	-33.4	-27	Pass
NVNT	n40	5190	Ant1	-34.04	-27	Pass
NVNT	n40	5230	Ant1	-32.67	-27	Pass
NVNT	ac20	5180	Ant1	-33.25	-27	Pass
NVNT	ac20	5200	Ant1	-34.13	-27	Pass
NVNT	ac20	5240	Ant1	-33.23	-27	Pass
NVNT	ac40	5190	Ant1	-33.29	-27	Pass
NVNT	ac40	5230	Ant1	-32.66	-27	Pass
NVNT	ac80	5210	Ant1	-33.69	-27	Pass
NVNT	ax20	5180	Ant1	-34.13	-27	Pass
NVNT	ax20	5200	Ant1	-33.73	-27	Pass
NVNT	ax20	5240	Ant1	-33.23	-27	Pass
NVNT	ax40	5190	Ant1	-33.81	-27	Pass
NVNT	ax40	5230	Ant1	-33.14	-27	Pass
NVNT	ax80	5210	Ant1	-33.16	-27	Pass

Test Graphs

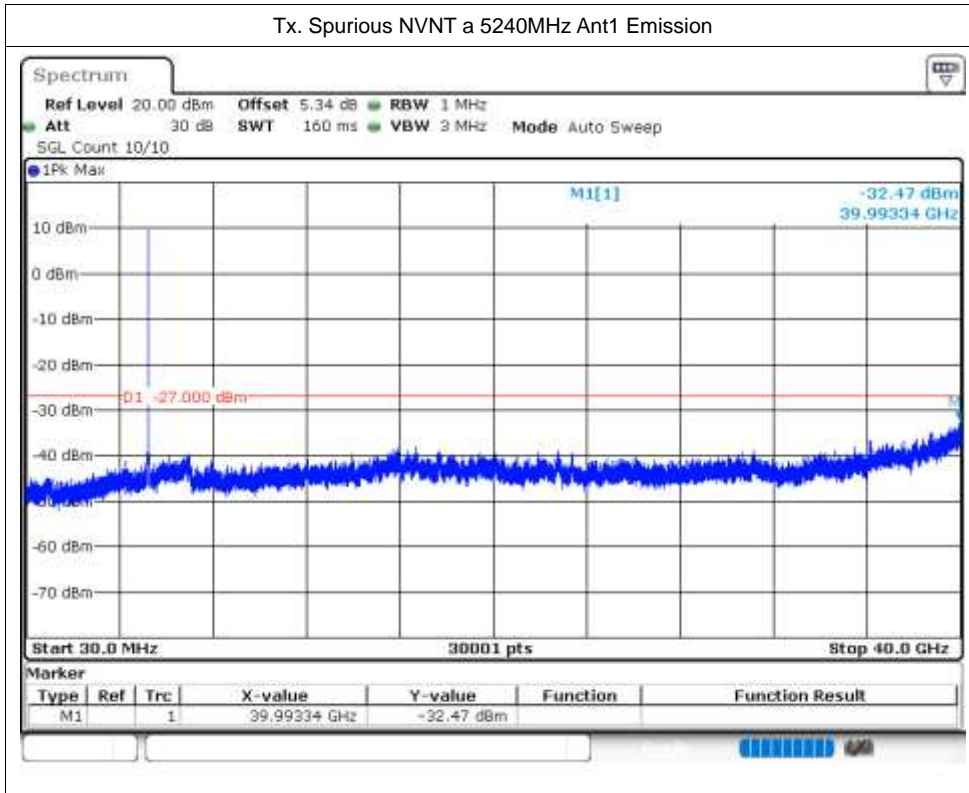
Tx. Spurious NVNT a 5180MHz Ant1 Emission



Tx. Spurious NVNT a 5200MHz Ant1 Emission



Tx. Spurious NVNT a 5240MHz Ant1 Emission



Tx. Spurious NVNT n20 5180MHz Ant1 Emission

