

5.2G WIFI

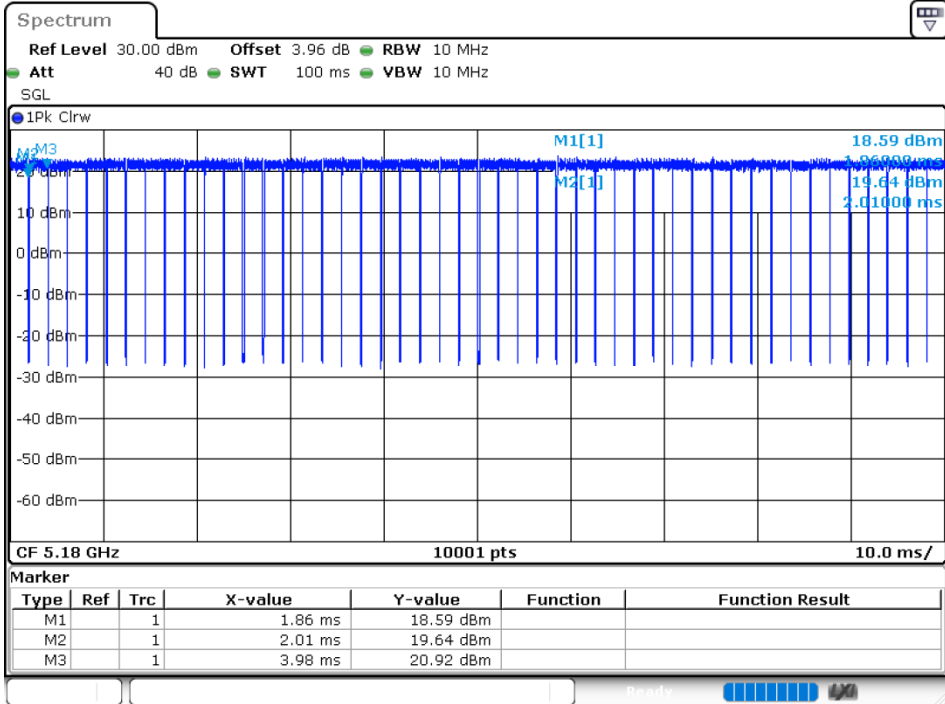
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	95.07	0.22	0.51
NVNT	a	5200	Ant1	95.1	0.22	0.51
NVNT	a	5240	Ant1	95.24	0.21	0.51
NVNT	a	5180	Ant2	95.01	0.22	0.51
NVNT	a	5200	Ant2	95.11	0.22	0.51
NVNT	a	5240	Ant2	94.93	0.23	0.51
NVNT	n20	5180	Ant1	92.1	0.36	0.18
NVNT	n20	5200	Ant1	92.15	0.36	0.18
NVNT	n20	5240	Ant1	91.99	0.36	0.18
NVNT	n20	5180	Ant2	91.34	0.39	0.18
NVNT	n20	5200	Ant2	91.71	0.38	0.18
NVNT	n20	5240	Ant2	91.61	0.38	0.18
NVNT	n40	5190	Ant1	91.77	0.37	0.18
NVNT	n40	5230	Ant1	93.57	0.29	0.18
NVNT	n40	5190	Ant2	93.63	0.29	0.18
NVNT	n40	5230	Ant2	91.7	0.38	0.18
NVNT	ac20	5180	Ant1	91.52	0.38	0.18
NVNT	ac20	5200	Ant1	91.7	0.38	0.18
NVNT	ac20	5240	Ant1	91.48	0.39	0.18
NVNT	ac20	5180	Ant2	93.38	0.3	0.18
NVNT	ac20	5200	Ant2	90.61	0.43	0.18
NVNT	ac20	5240	Ant2	91.62	0.38	0.18
NVNT	ac40	5190	Ant1	92.83	0.32	0.18
NVNT	ac40	5230	Ant1	92.93	0.32	0.18
NVNT	ac40	5190	Ant2	92.05	0.36	0.18
NVNT	ac40	5230	Ant2	92.25	0.35	0.18
NVNT	ac80	5210	Ant1	92.71	0.33	0.18
NVNT	ac80	5210	Ant2	93.17	0.31	0.18
NVNT	ax20	5180	Ant1	94.35	0.25	0.18
NVNT	ax20	5200	Ant1	95.1	0.22	0.18
NVNT	ax20	5240	Ant1	94.8	0.23	0.18

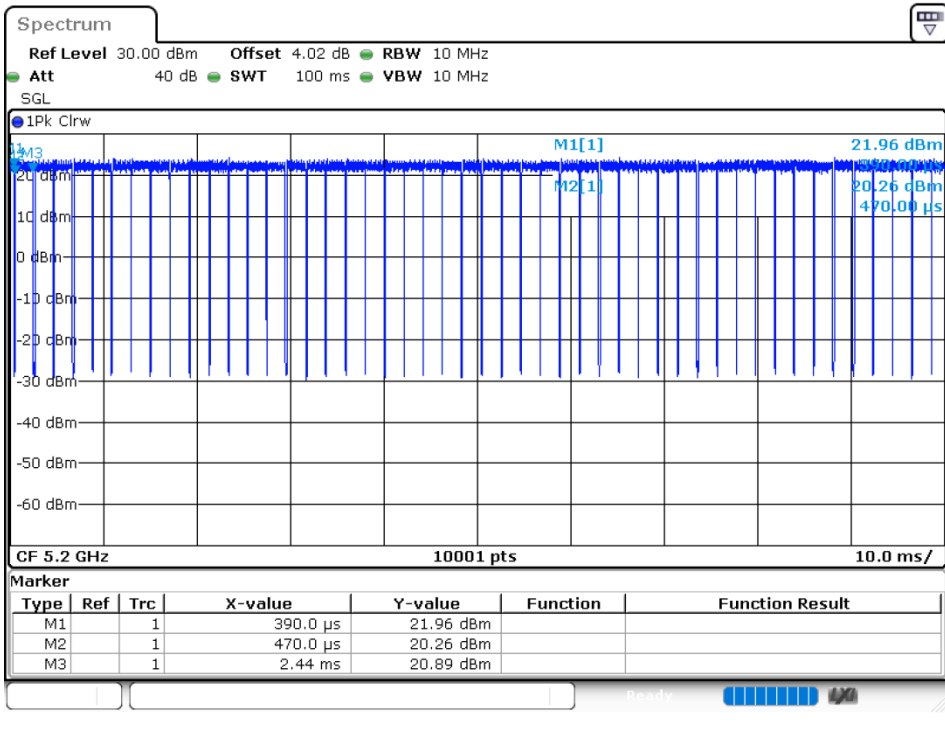
NVNT	ax20	5180	Ant2	95.34	0.21	100
NVNT	ax20	5200	Ant2	95.15	0.22	0.18
NVNT	ax20	5240	Ant2	95.31	0.21	0.18
NVNT	ax40	5190	Ant1	93.91	0.27	0.18
NVNT	ax40	5230	Ant1	95.04	0.22	0.18
NVNT	ax40	5190	Ant2	94.92	0.23	0.18
NVNT	ax40	5230	Ant2	94.44	0.25	0.18
NVNT	ax80	5210	Ant1	94.91	0.23	0.18
NVNT	ax80	5210	Ant2	94.68	0.24	0.18

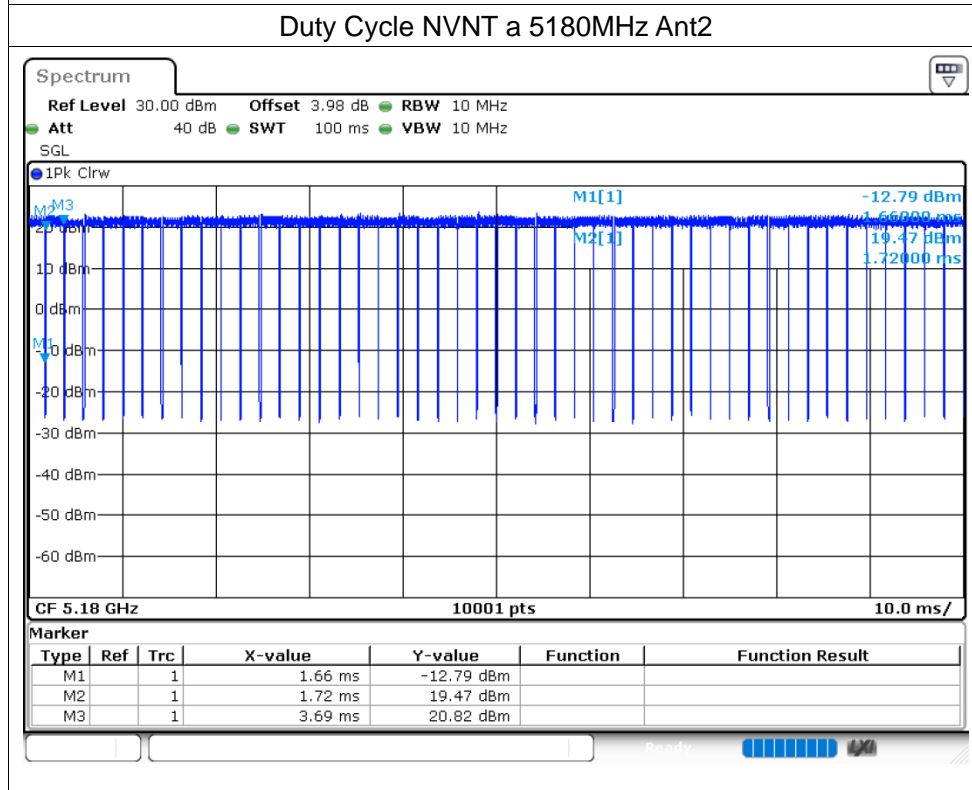
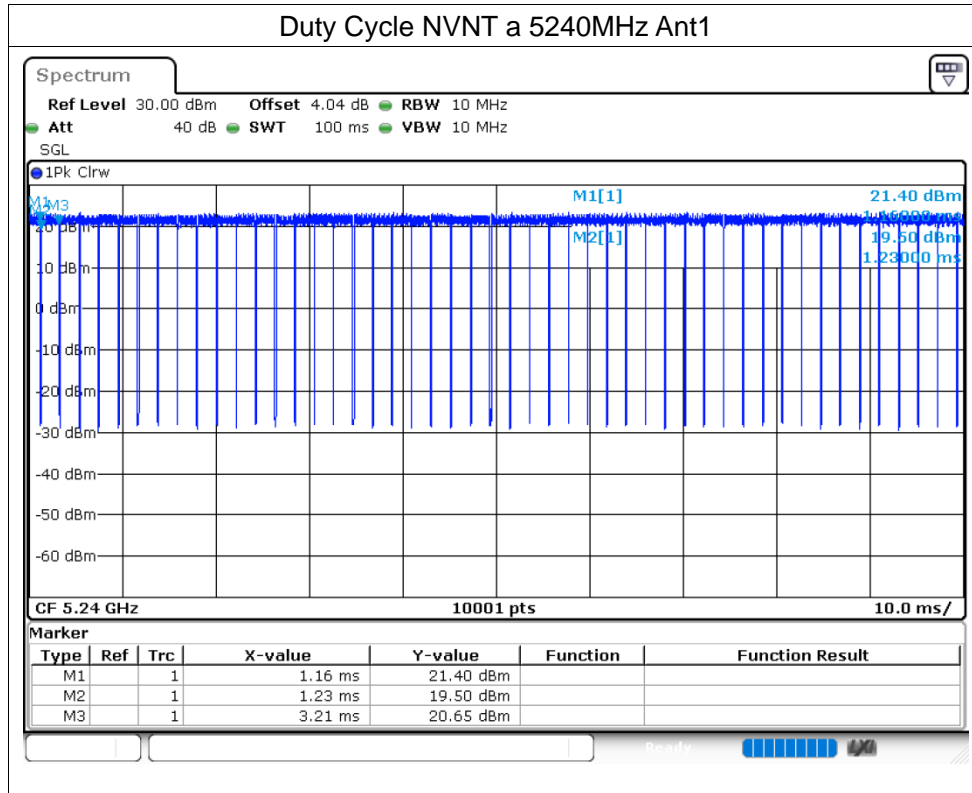
Test Graphs

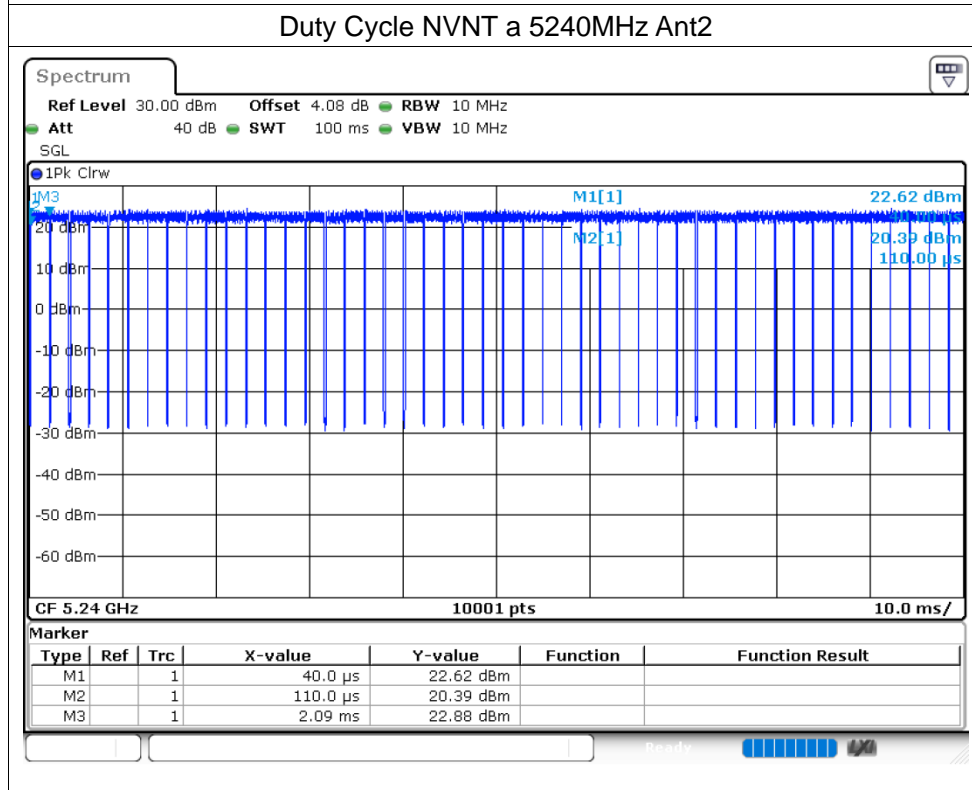
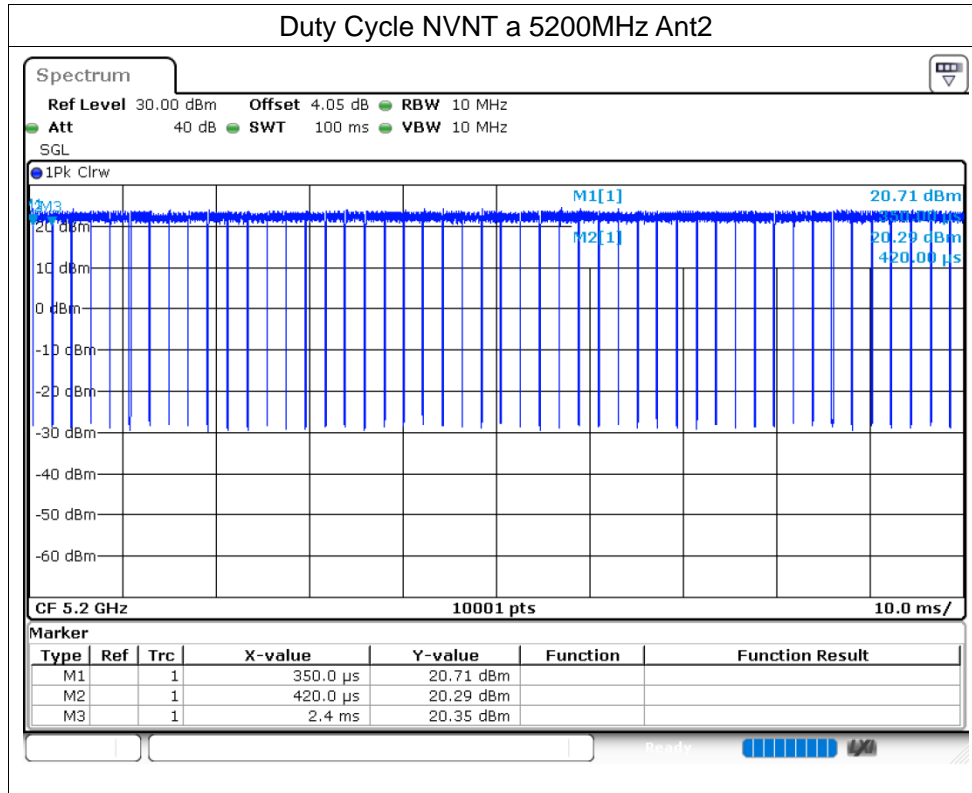
Duty Cycle NVNT a 5180MHz Ant1

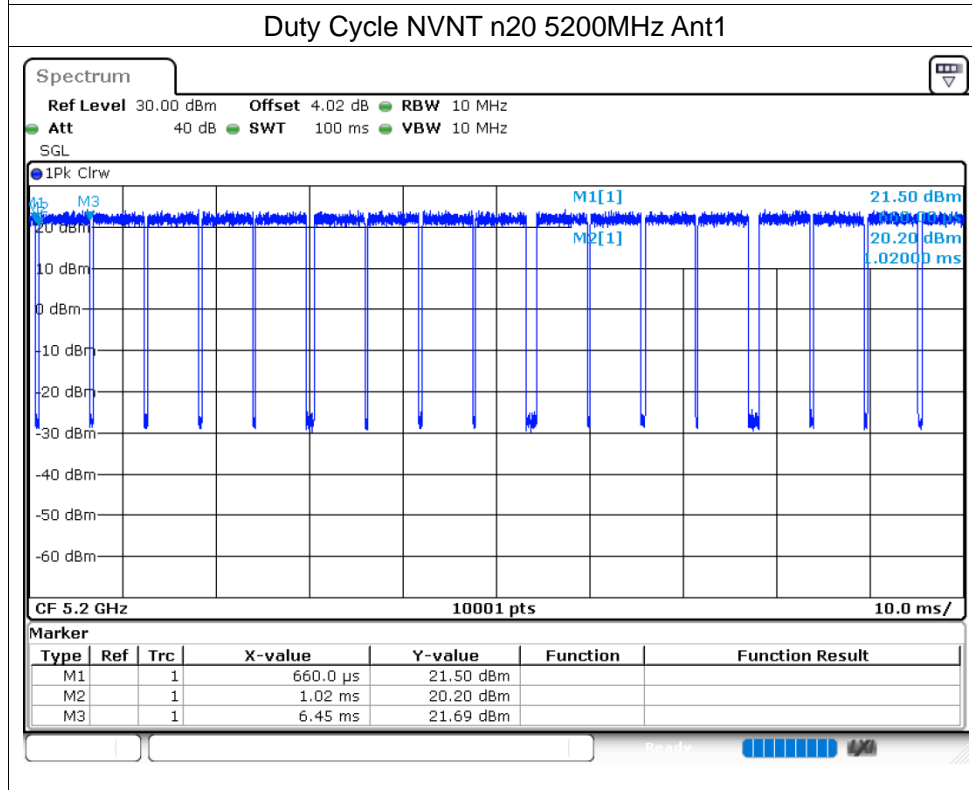
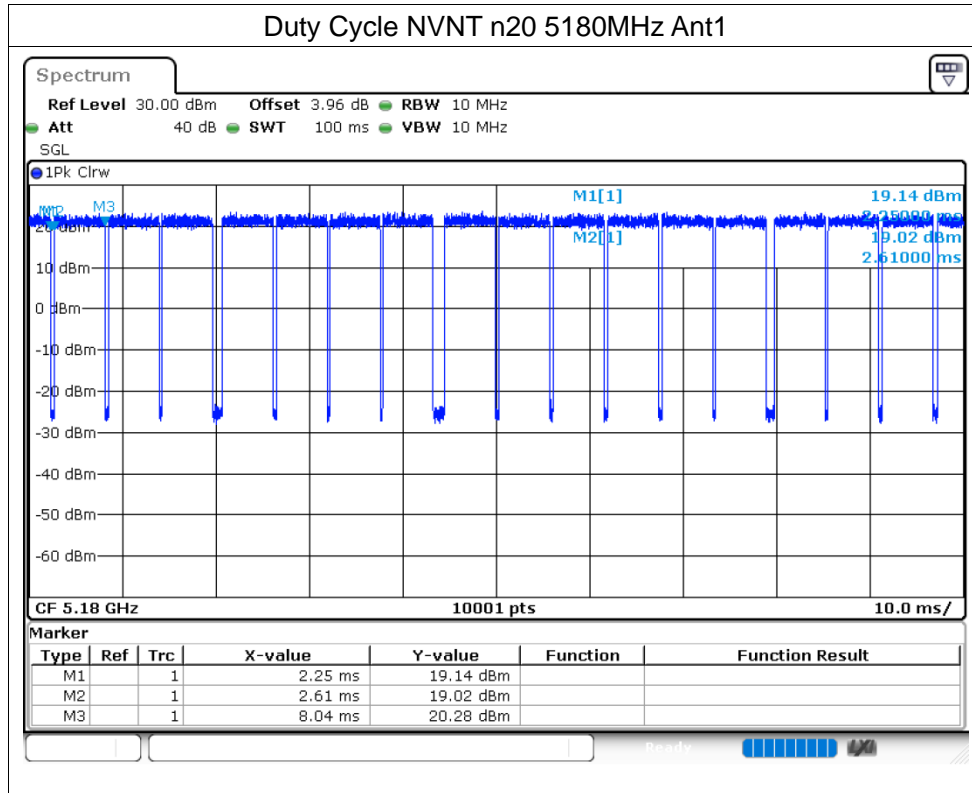


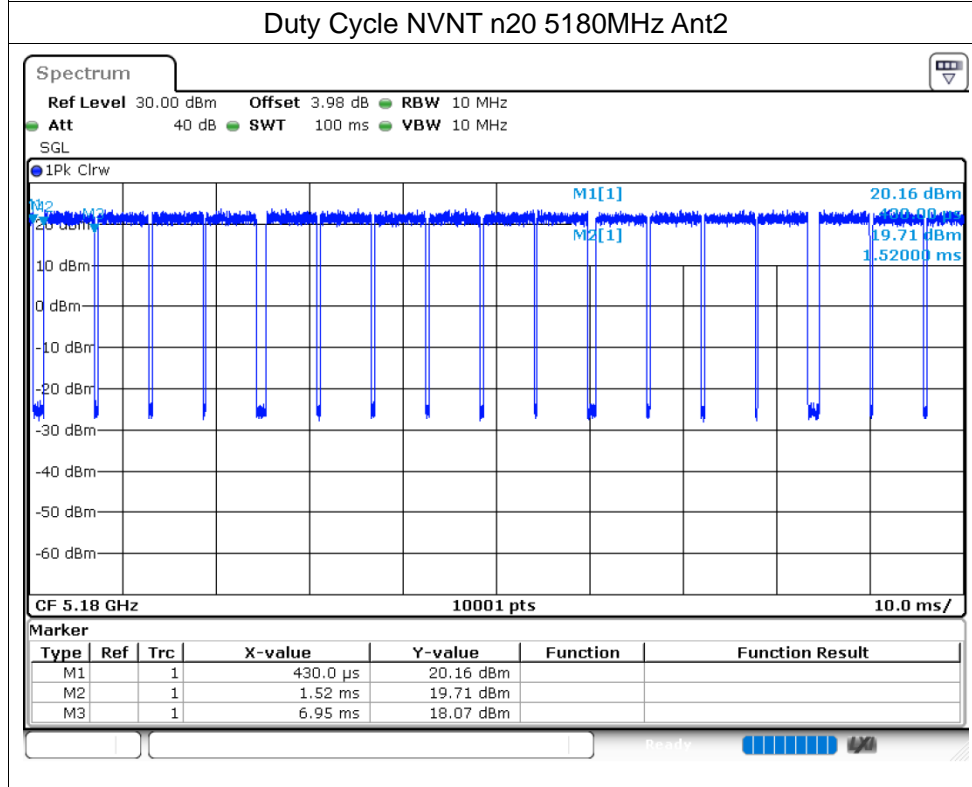
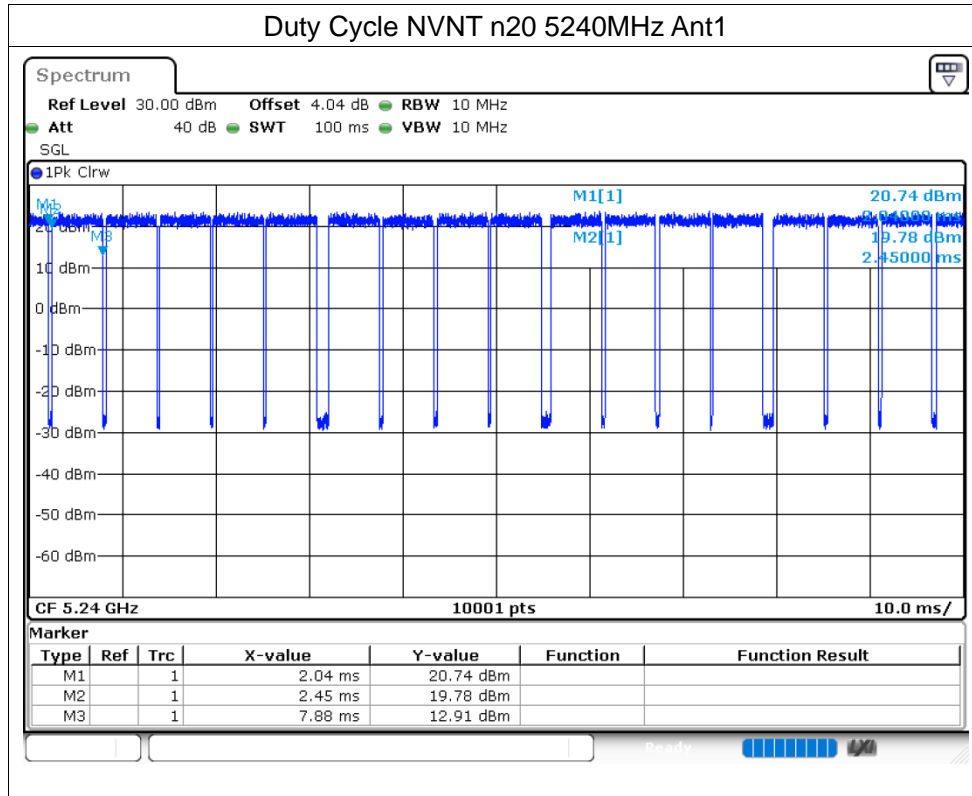
Duty Cycle NVNT a 5200MHz Ant1

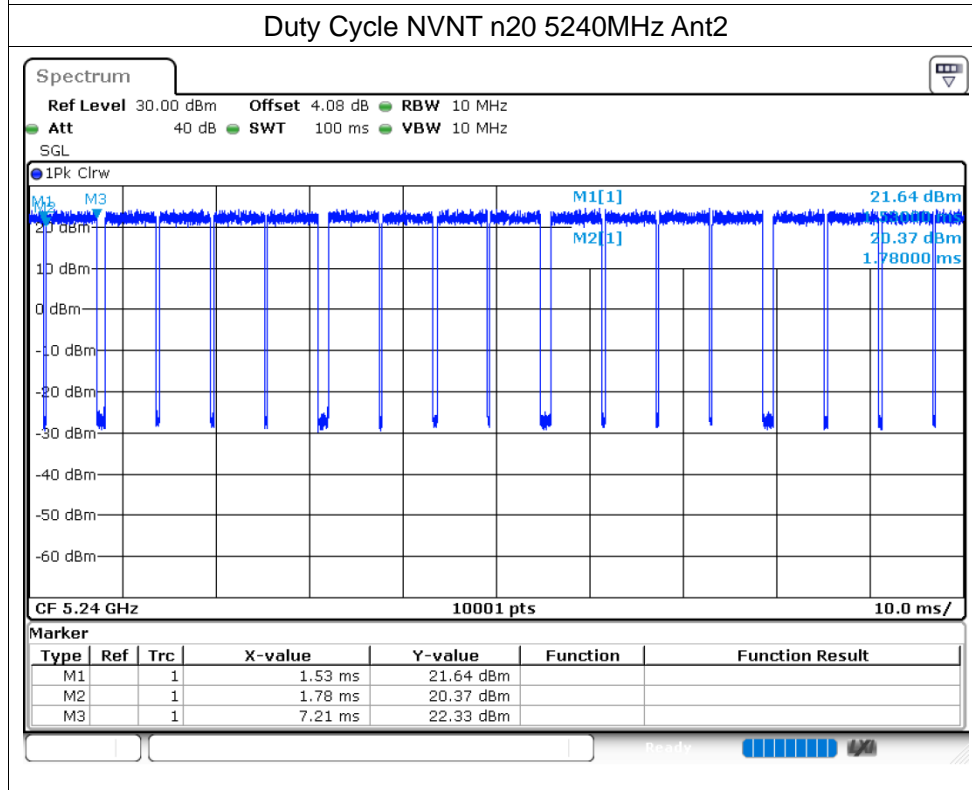
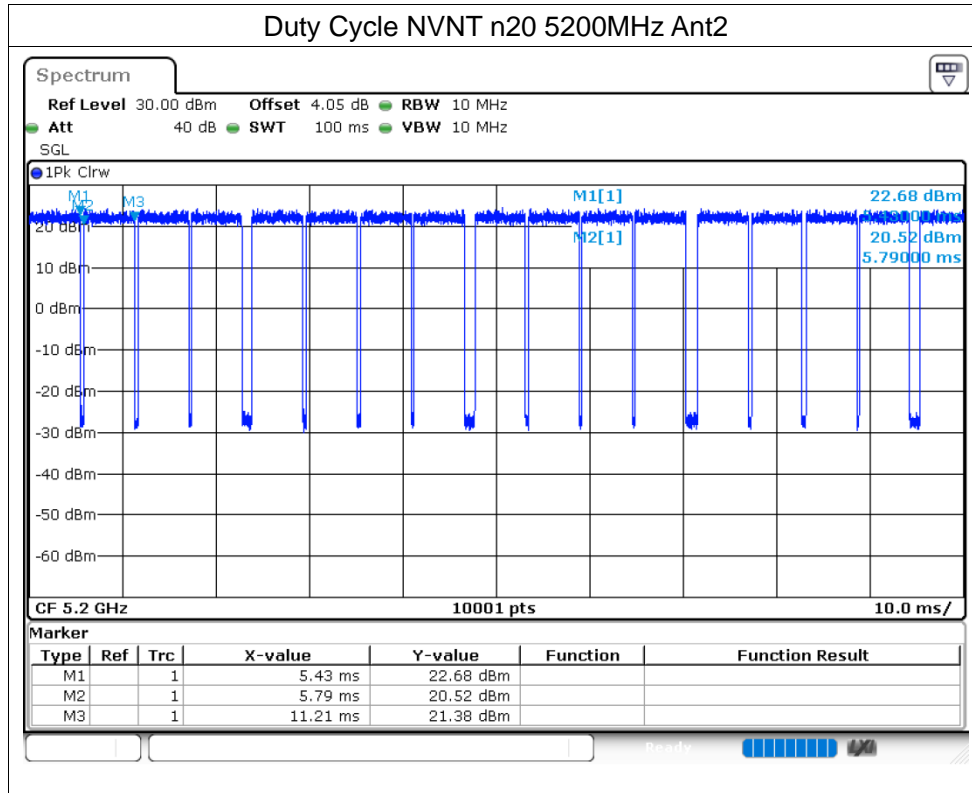


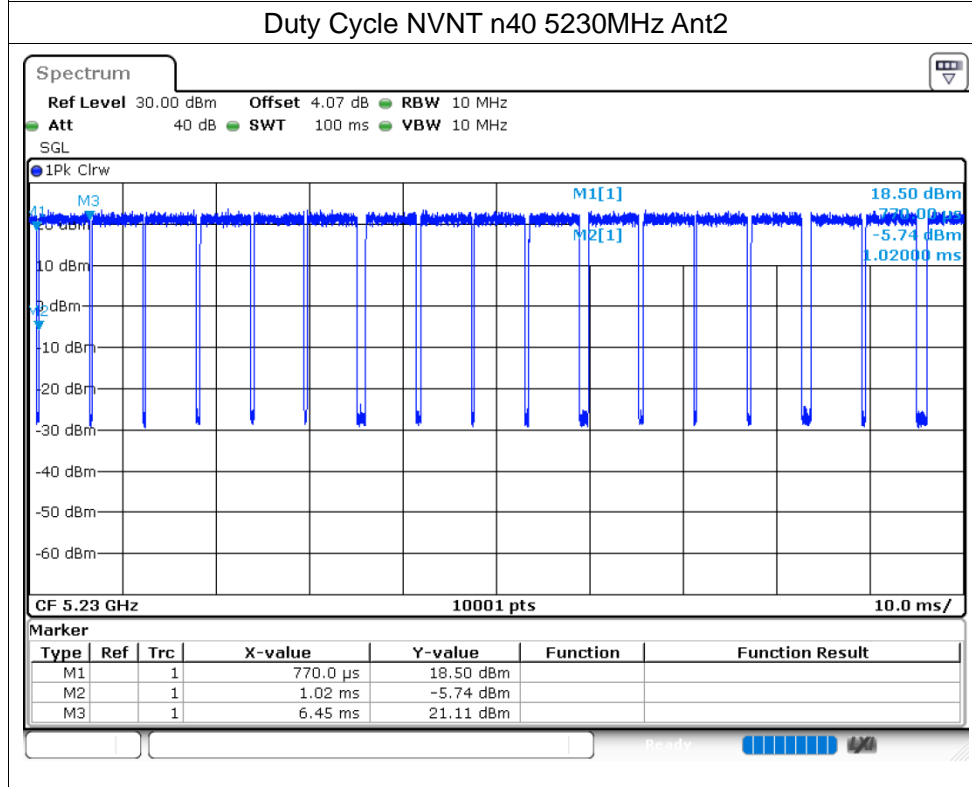
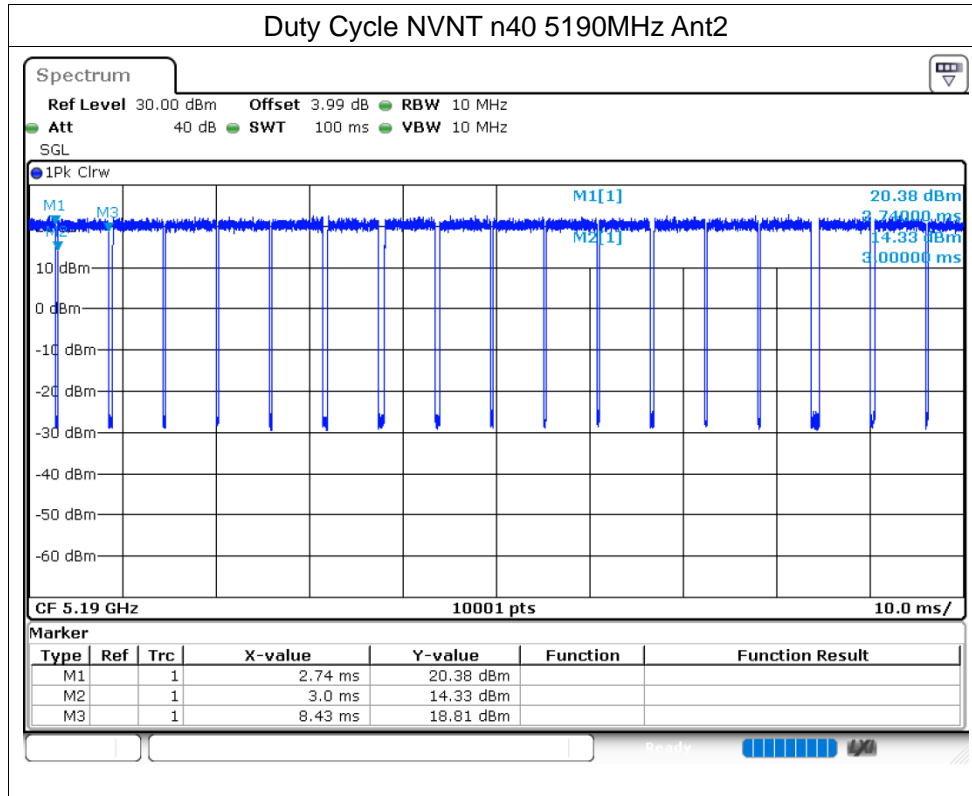


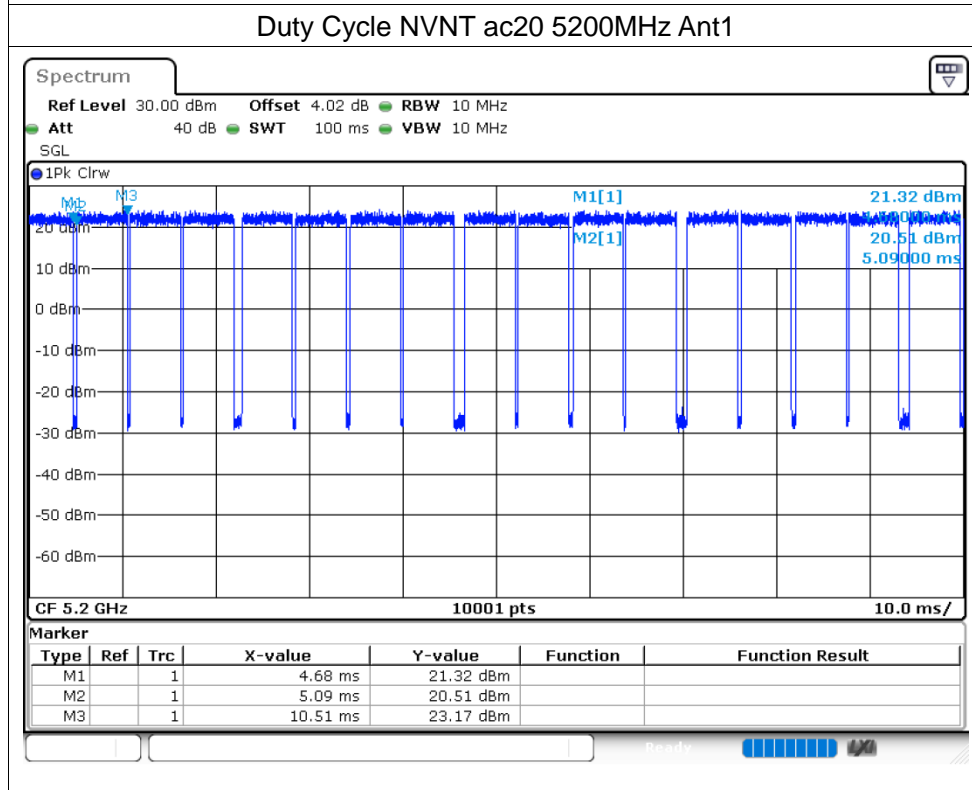
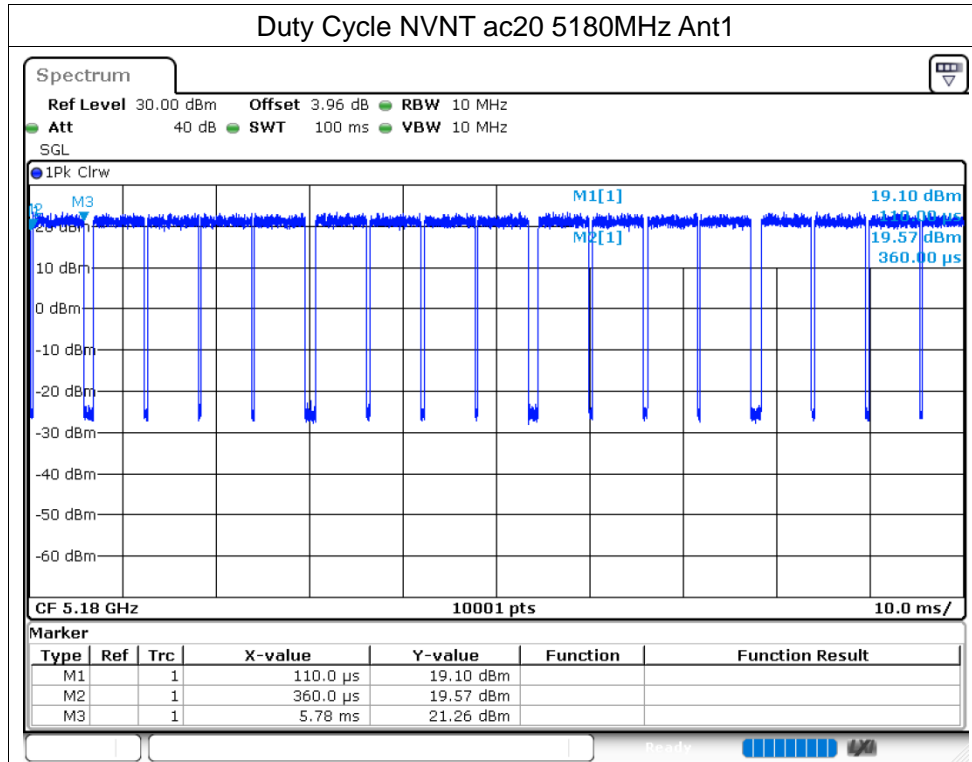


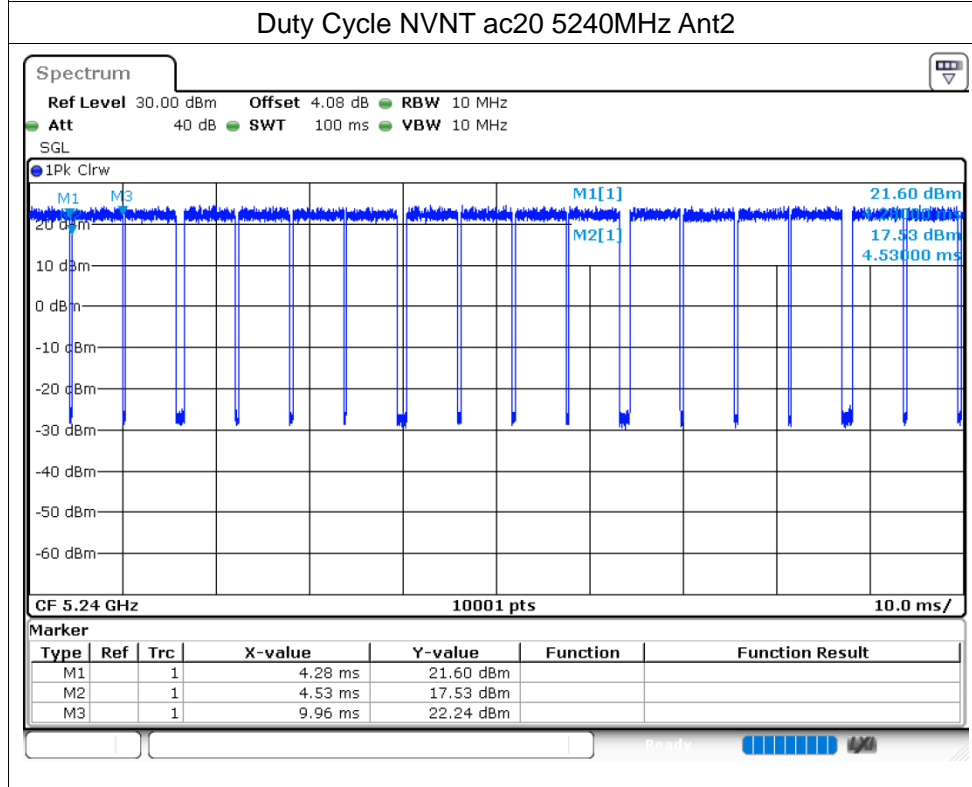
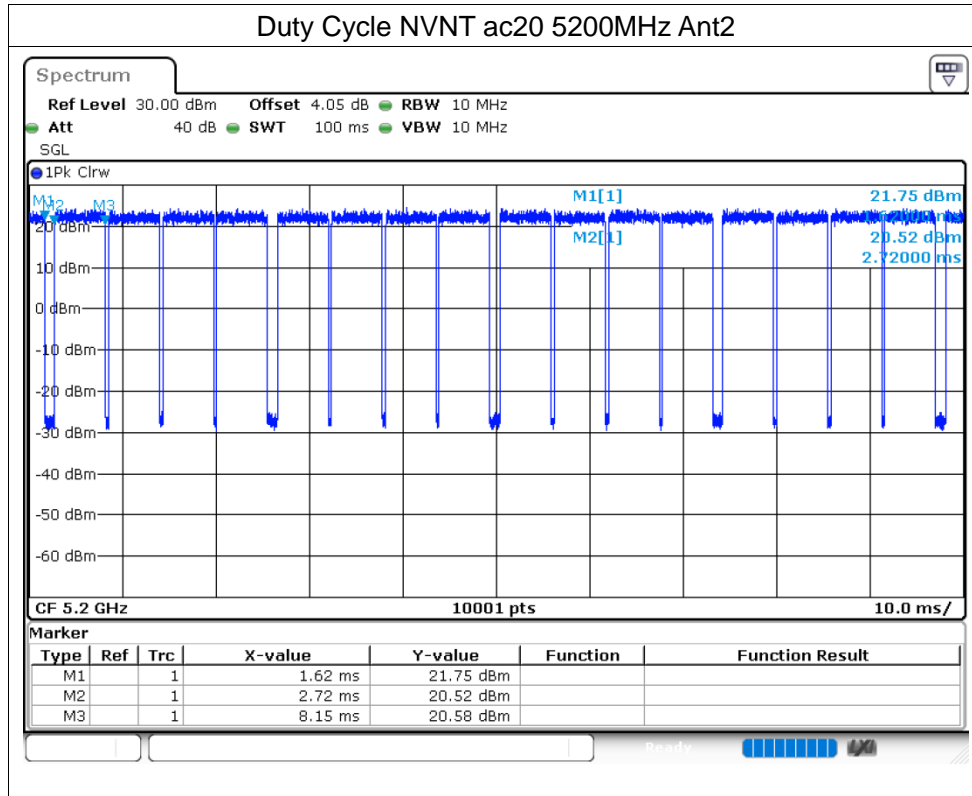


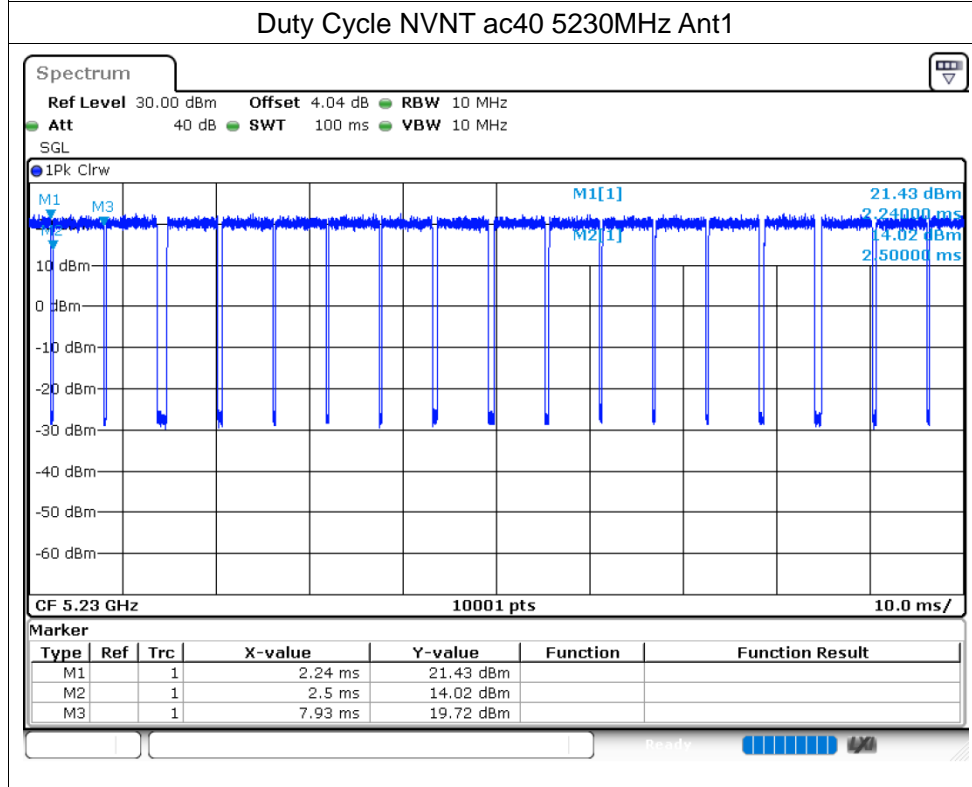
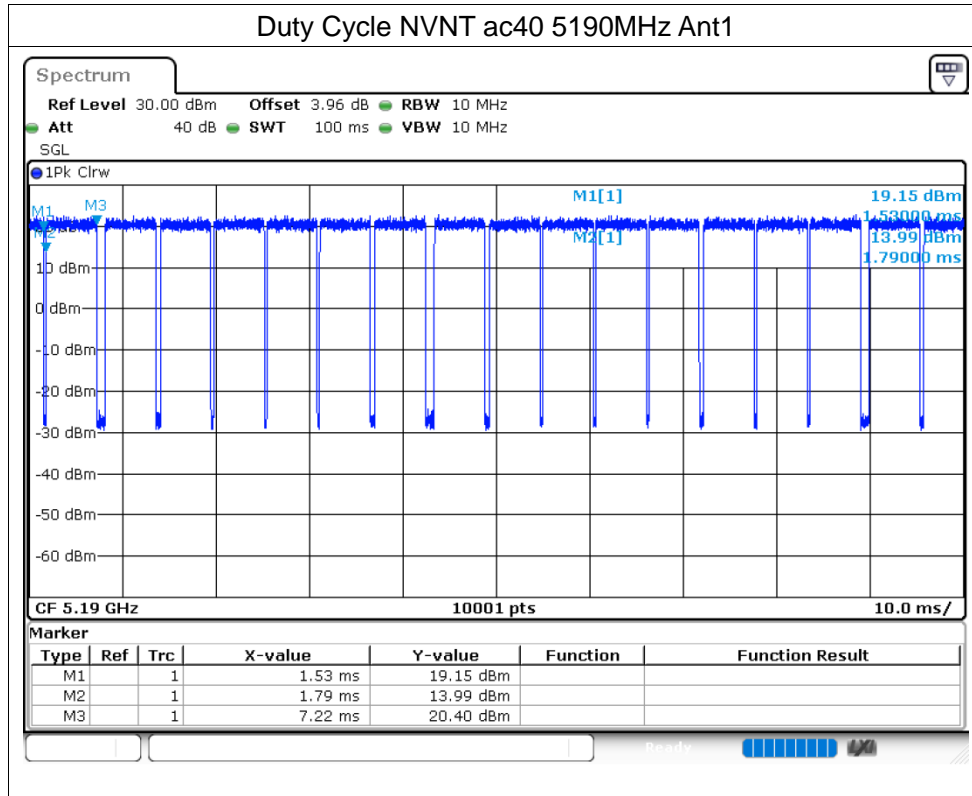


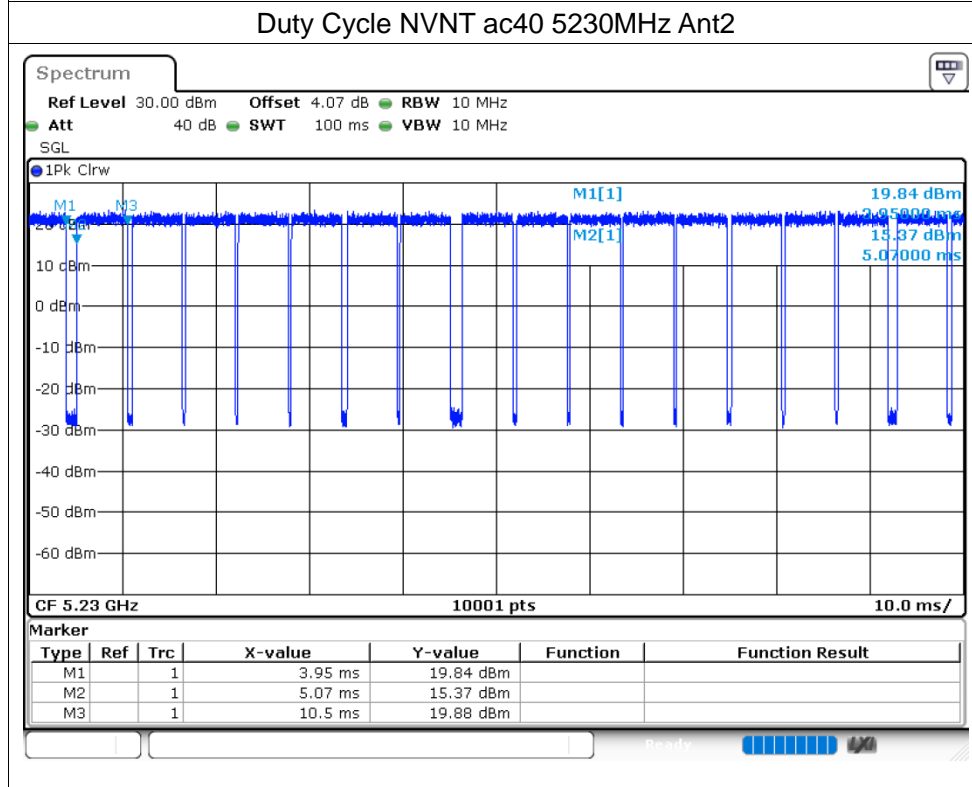
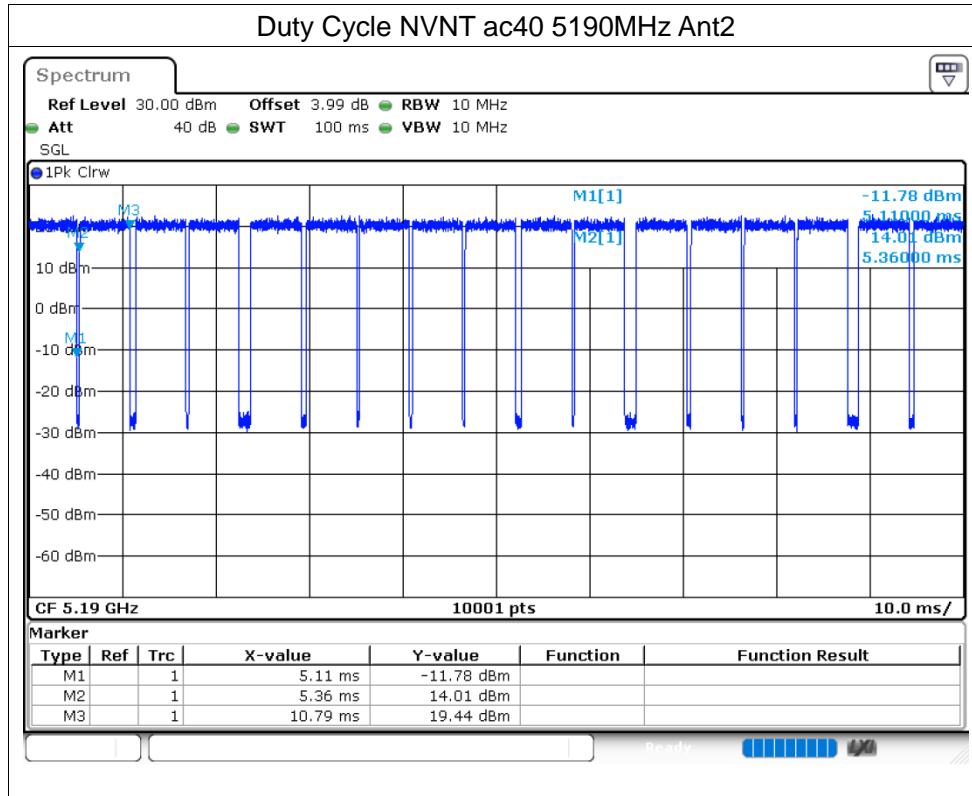


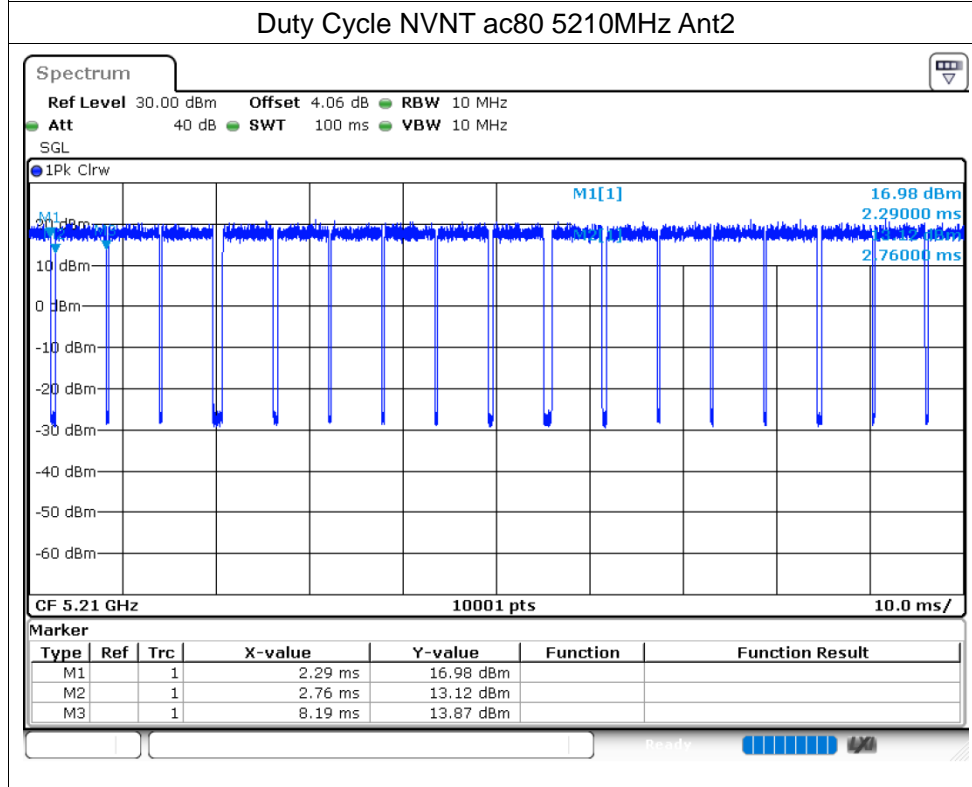
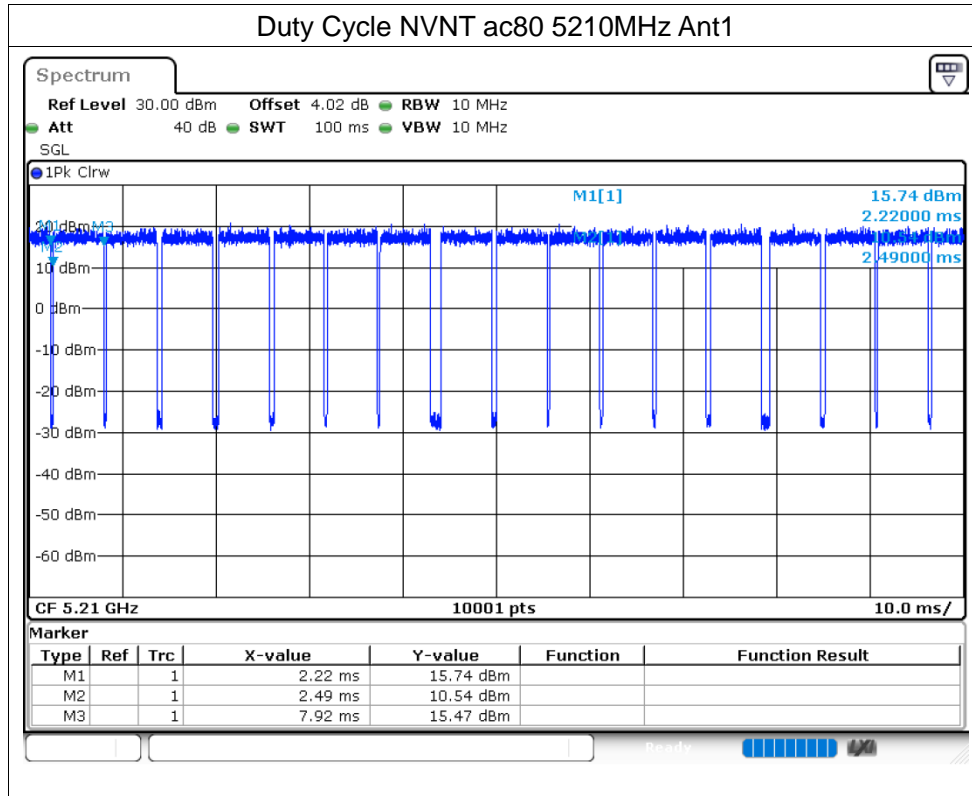


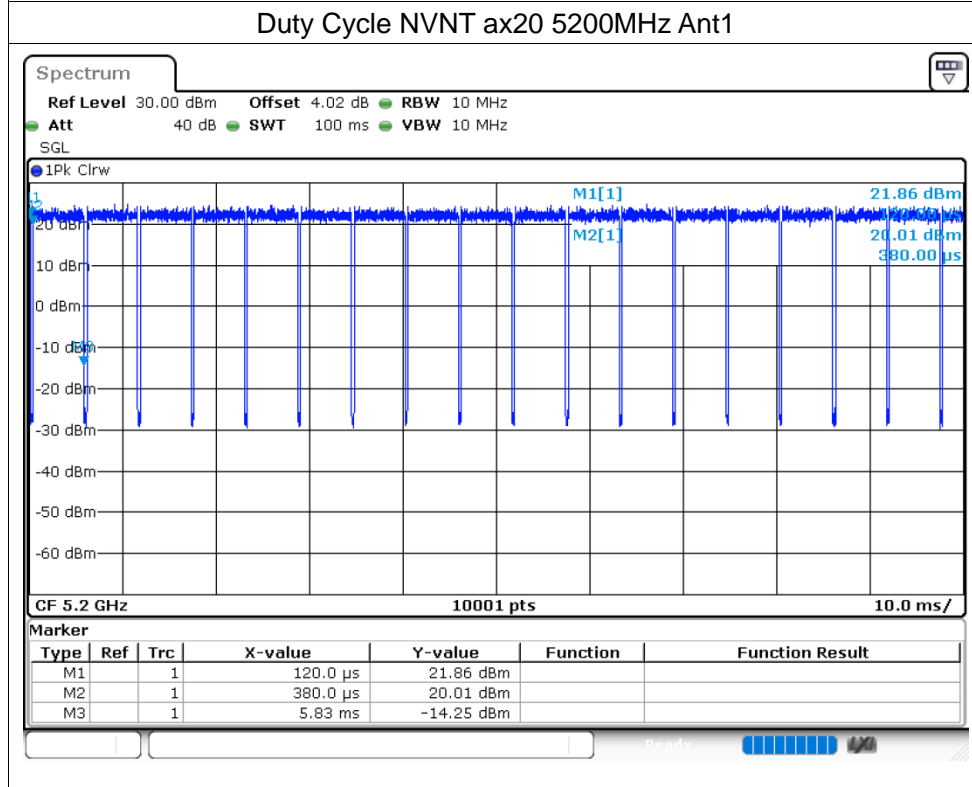
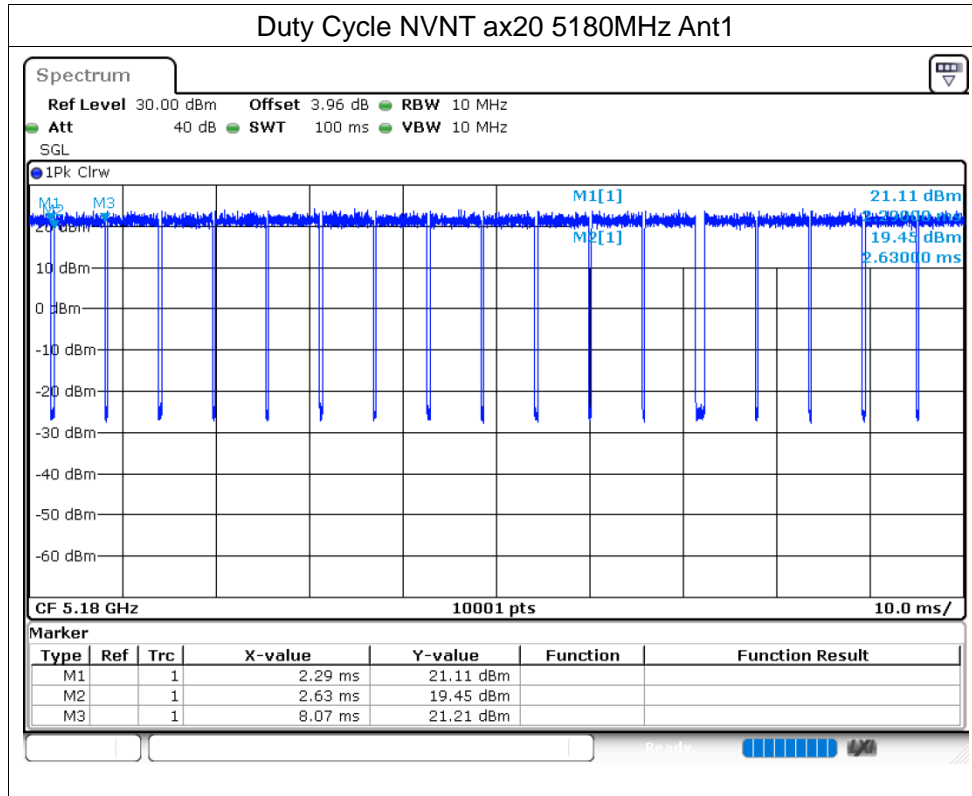


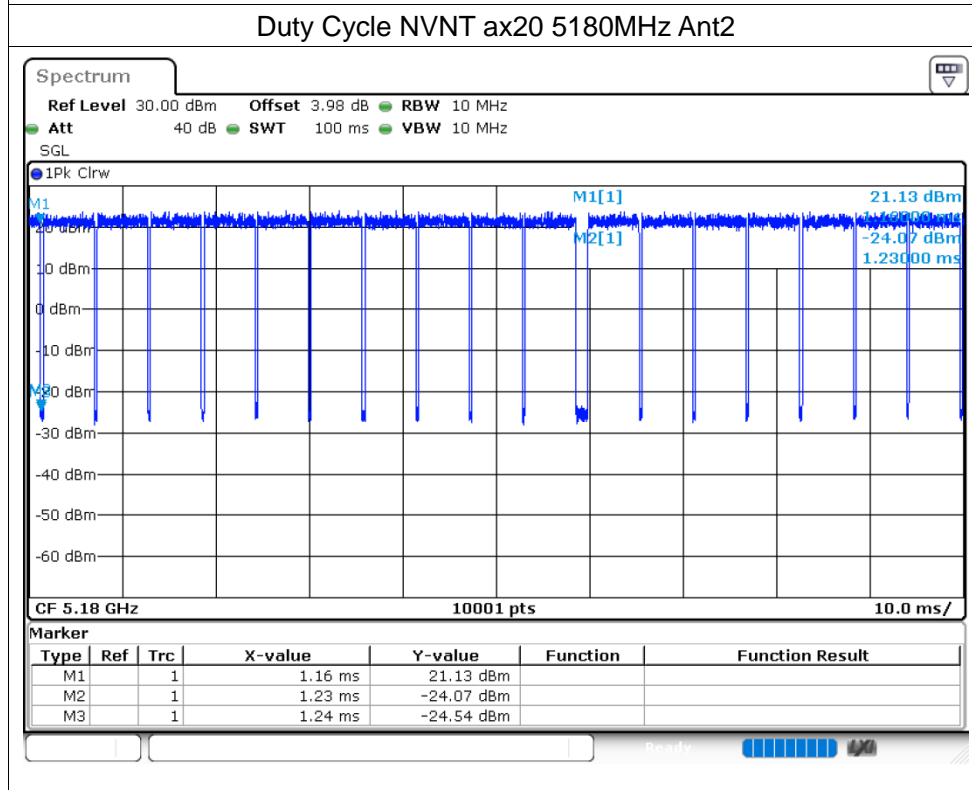
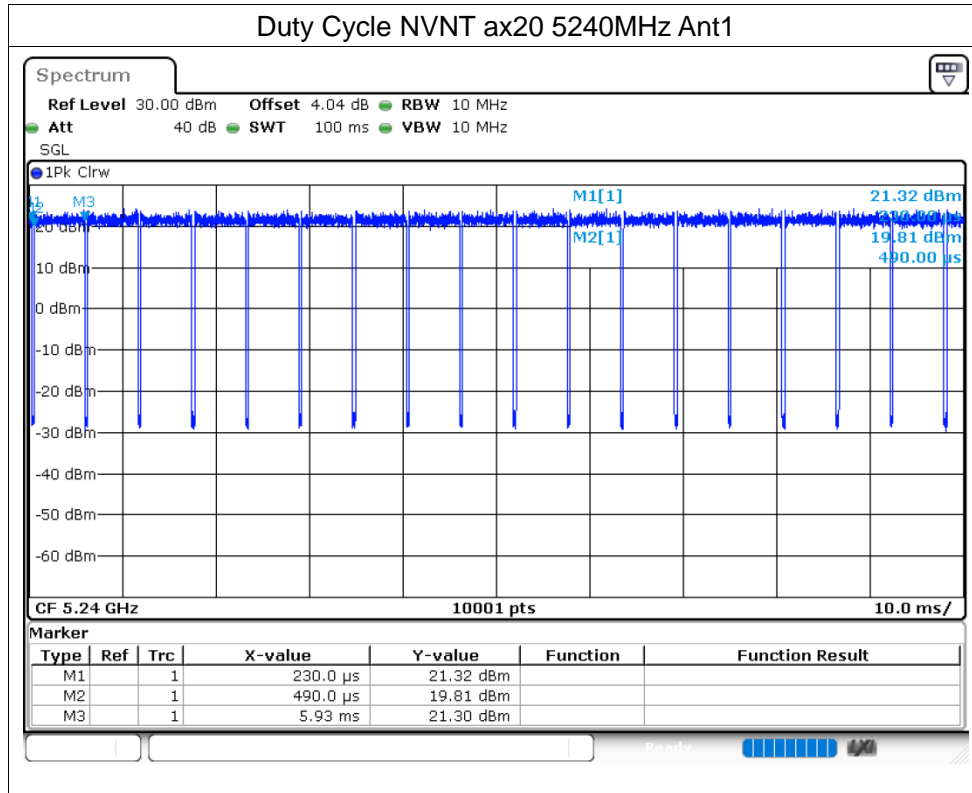


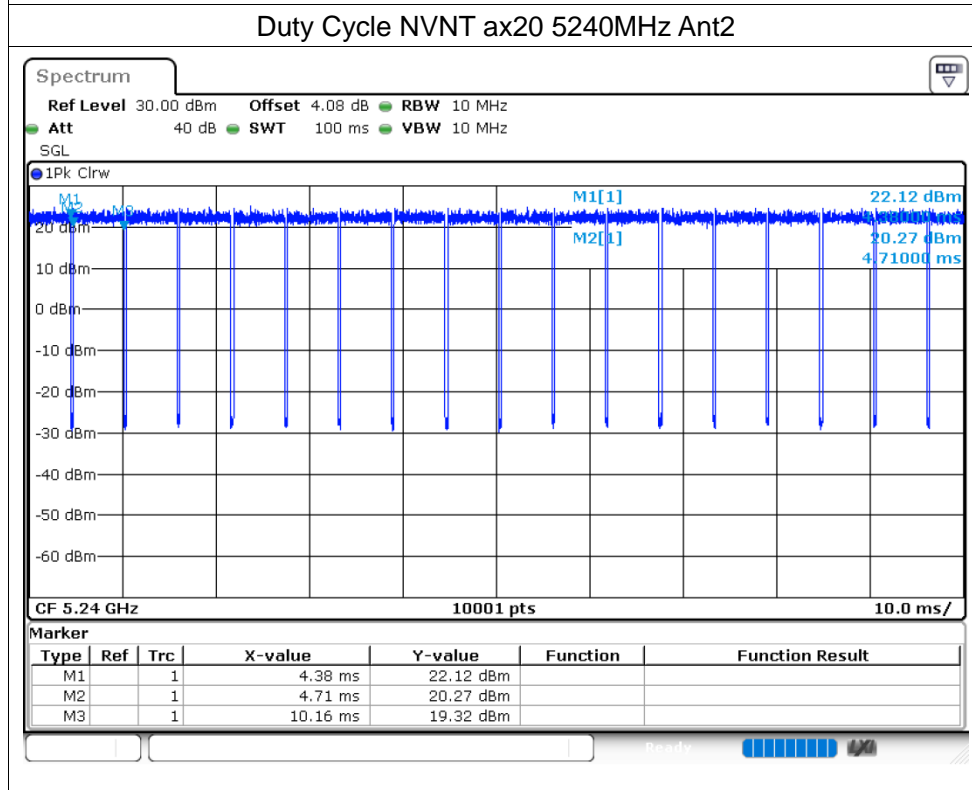
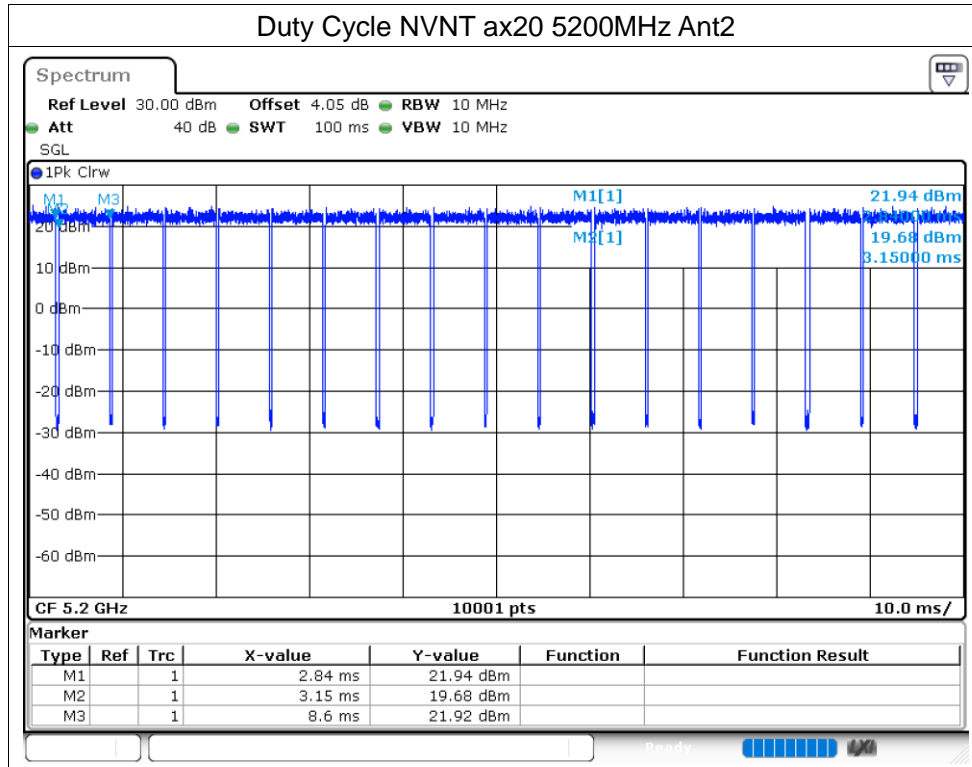


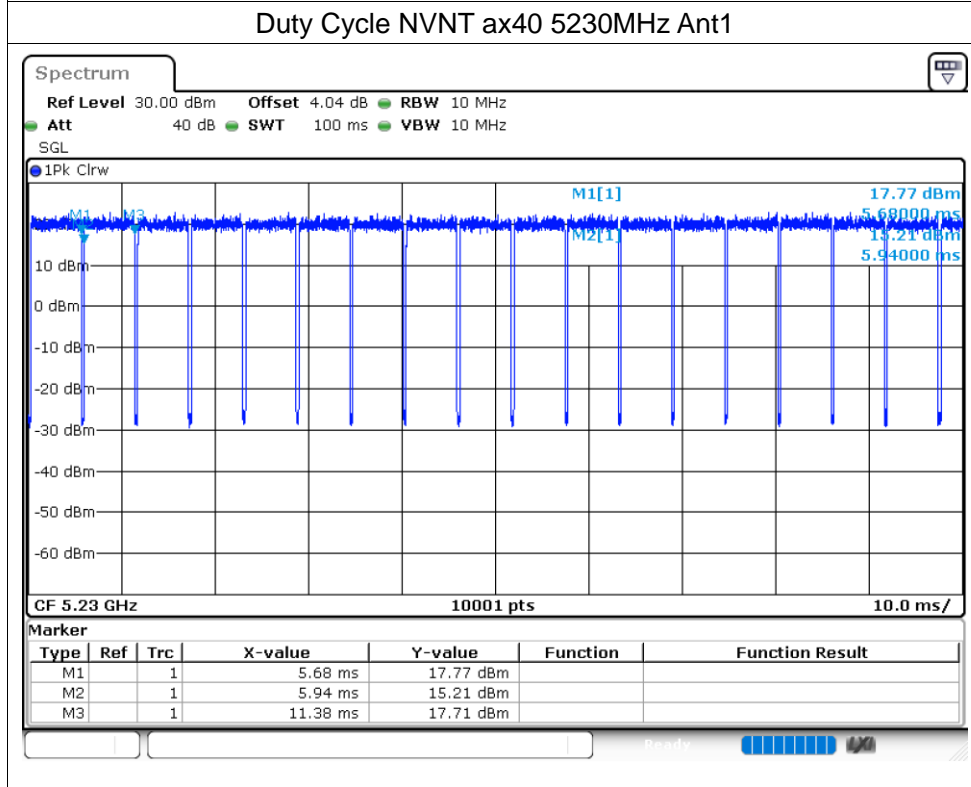
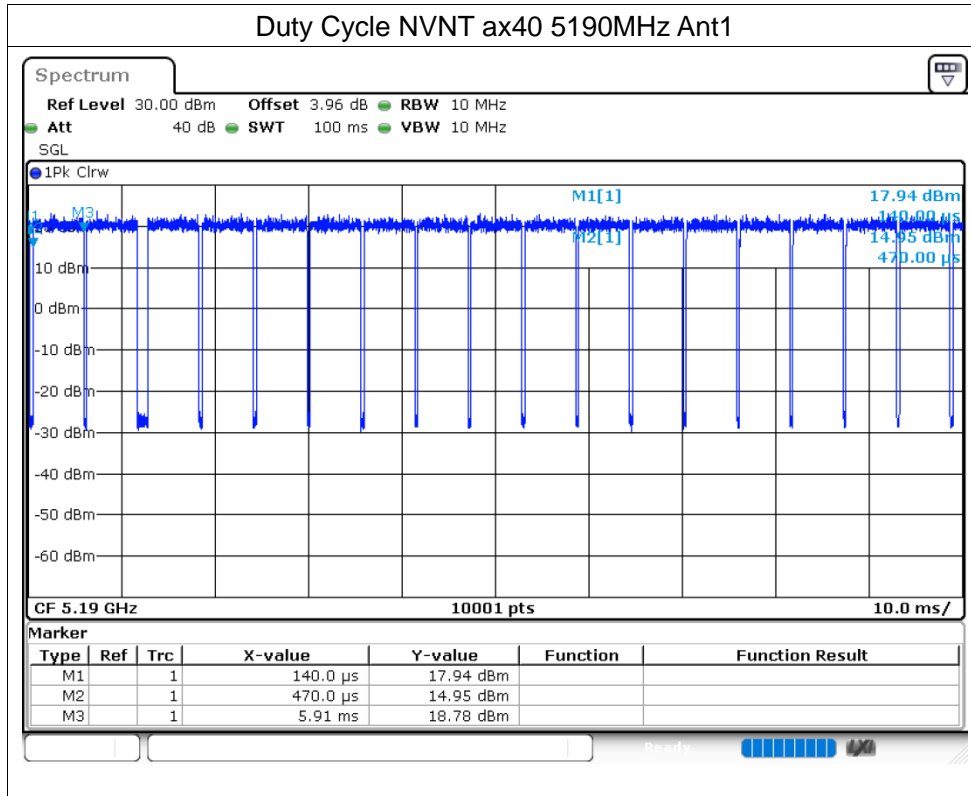


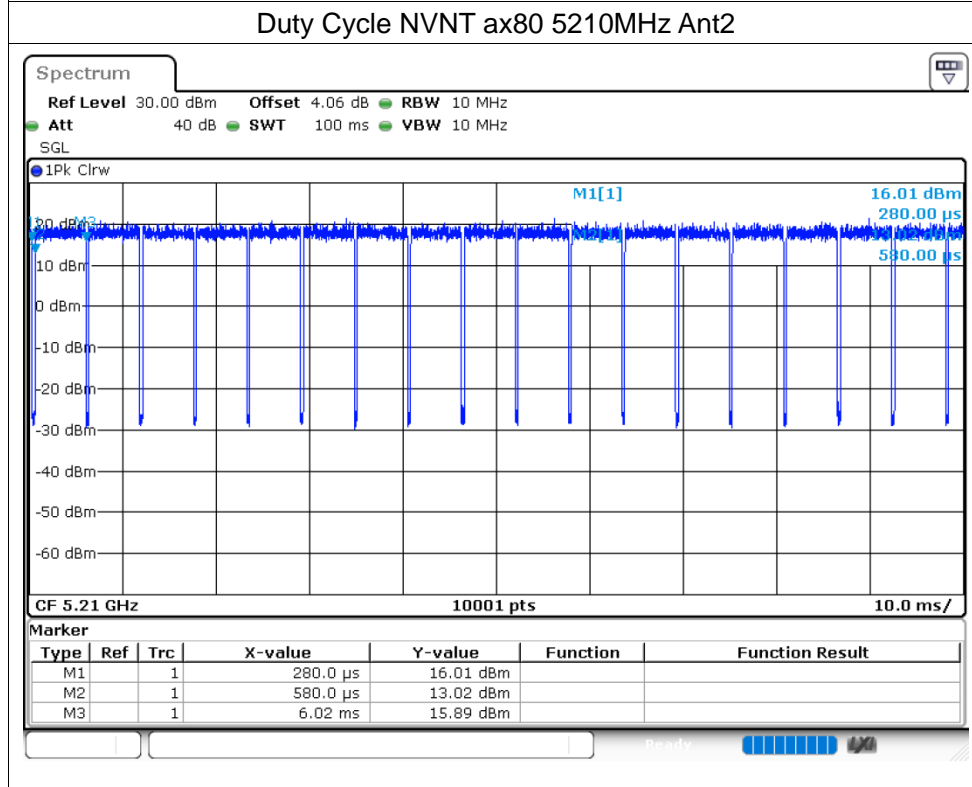
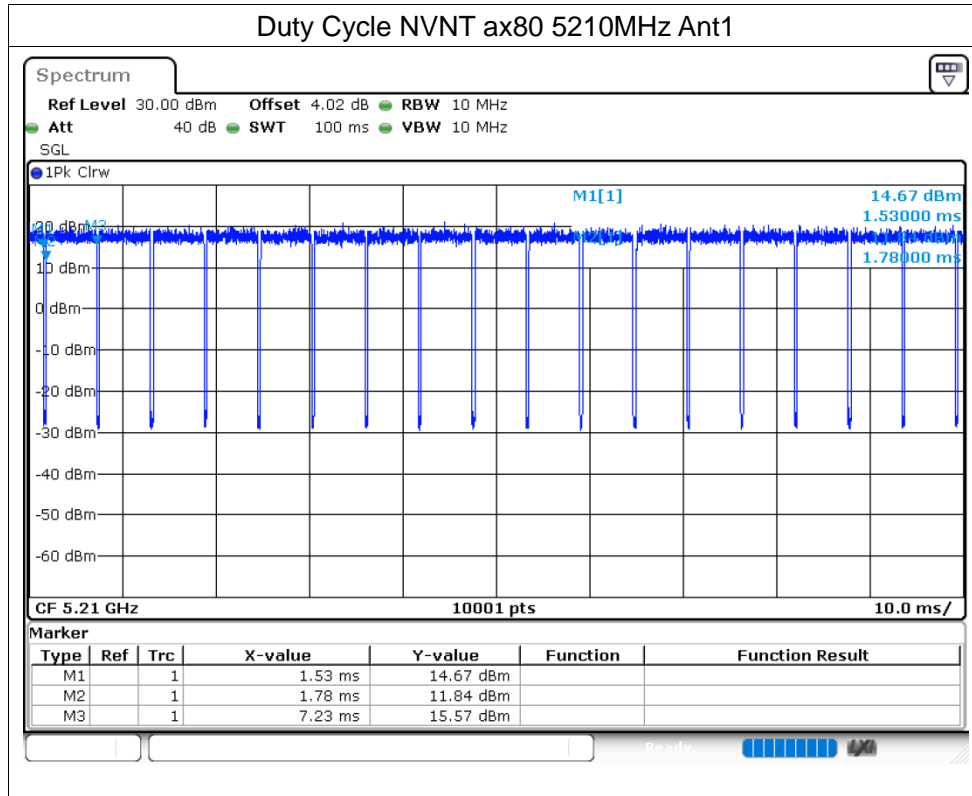












Maximum Conducted Output Power

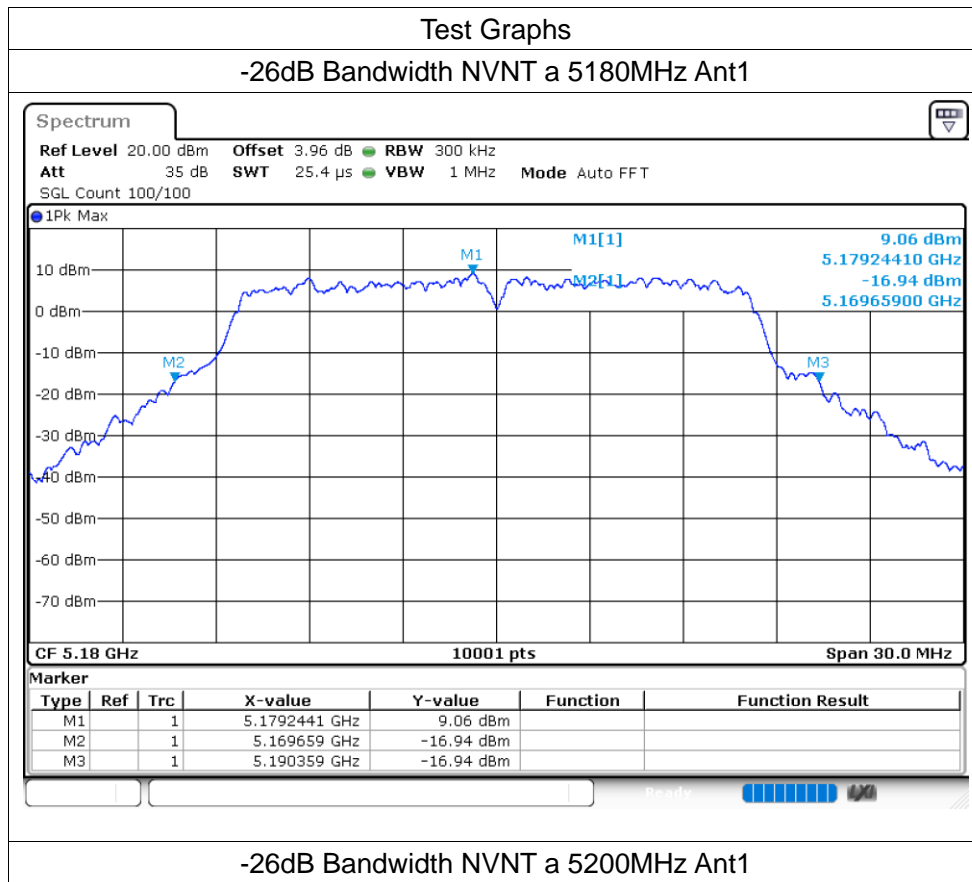
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	elevation angle above 30 degrees Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
NVNT	a	5180	Ant1	19.04	30	-1.28	17.76	21	Pass
NVNT	a	5200	Ant1	19.28	30	-0.84	18.44	21	Pass
NVNT	a	5240	Ant1	18.92	30	-1.28	17.64	21	Pass
NVNT	a	5180	Ant2	19.02	30	-0.84	18.18	21	Pass
NVNT	a	5200	Ant2	19.5	30	-1.28	18.22	21	Pass
NVNT	a	5240	Ant2	19.32	30	-0.84	18.48	21	Pass
NVNT	n20	5180	Ant1	18.84	30	-1.28	17.56	21	Pass
NVNT	n20	5200	Ant1	19.04	30	-0.84	18.2	21	Pass
NVNT	n20	5240	Ant1	18.68	30	-1.28	17.4	21	Pass
NVNT	n20	5180	Ant2	18.92	30	-0.84	18.08	21	Pass
NVNT	n20	5200	Ant2	19.19	30	-1.28	17.91	21	Pass
NVNT	n20	5240	Ant2	19.08	30	-0.84	18.24	21	Pass
NVNT	n40	5190	Ant1	19.48	30	-1.28	18.2	21	Pass
NVNT	n40	5230	Ant1	19.35	30	-0.84	18.51	21	Pass
NVNT	n40	5190	Ant2	19.56	30	-1.28	18.28	21	Pass
NVNT	n40	5230	Ant2	19.86	30	-0.84	19.02	21	Pass
NVNT	ac20	5180	Ant1	18.63	30	-1.28	17.35	21	Pass
NVNT	ac20	5200	Ant1	18.99	30	-0.84	18.15	21	Pass
NVNT	ac20	5240	Ant1	18.69	30	-1.28	17.41	21	Pass
NVNT	ac20	5180	Ant2	19.02	30	-0.84	18.18	21	Pass
NVNT	ac20	5200	Ant2	19.25	30	-1.28	17.97	21	Pass
NVNT	ac20	5240	Ant2	19.16	30	-0.84	18.32	21	Pass
NVNT	ac40	5190	Ant1	19.44	30	-1.28	18.16	21	Pass
NVNT	ac40	5230	Ant1	19.36	30	-0.84	18.52	21	Pass
NVNT	ac40	5190	Ant2	19.58	30	-1.28	18.3	21	Pass
NVNT	ac40	5230	Ant2	19.91	30	-0.84	19.07	21	Pass
NVNT	ac80	5210	Ant1	19.35	30	-1.28	18.07	21	Pass
NVNT	ac80	5210	Ant2	19.75	30	-0.84	18.91	21	Pass
NVNT	ax20	5180	Ant1	18.55	30	-1.28	17.27	21	Pass
NVNT	ax20	5200	Ant1	18.86	30	-0.84	18.02	21	Pass
NVNT	ax20	5240	Ant1	18.57	30	-1.28	17.29	21	Pass
NVNT	ax20	5180	Ant2	18.75	30	-0.84	17.91	21	Pass
NVNT	ax20	5200	Ant2	19.1	30	-1.28	17.82	21	Pass
NVNT	ax20	5240	Ant2	18.97	30	-0.84	18.13	21	Pass

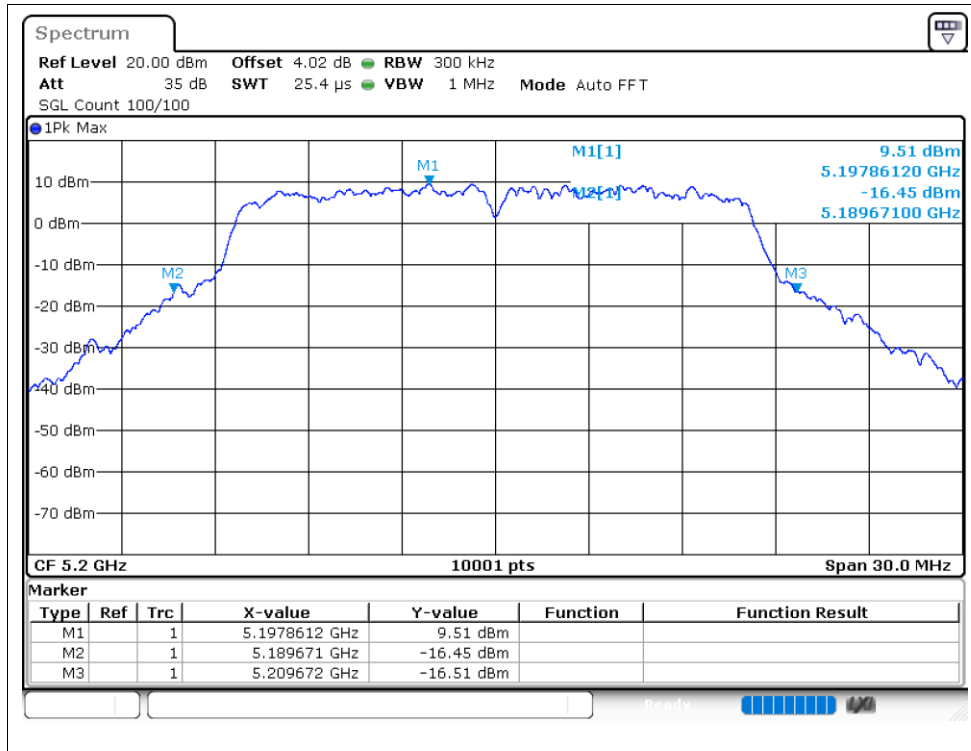
NVNT	ax40	5190	Ant1	19.21	30	-1.28	17.93	21	Pass
NVNT	ax40	5230	Ant1	18.98	30	-0.84	18.14	21	Pass
NVNT	ax40	5190	Ant2	19.2	30	-1.28	17.92	21	Pass
NVNT	ax40	5230	Ant2	19.51	30	-0.84	18.67	21	Pass
NVNT	ax80	5210	Ant1	19.19	30	-1.28	17.91	21	Pass
NVNT	ax80	5210	Ant2	19.35	30	-0.84	18.51	21	Pass

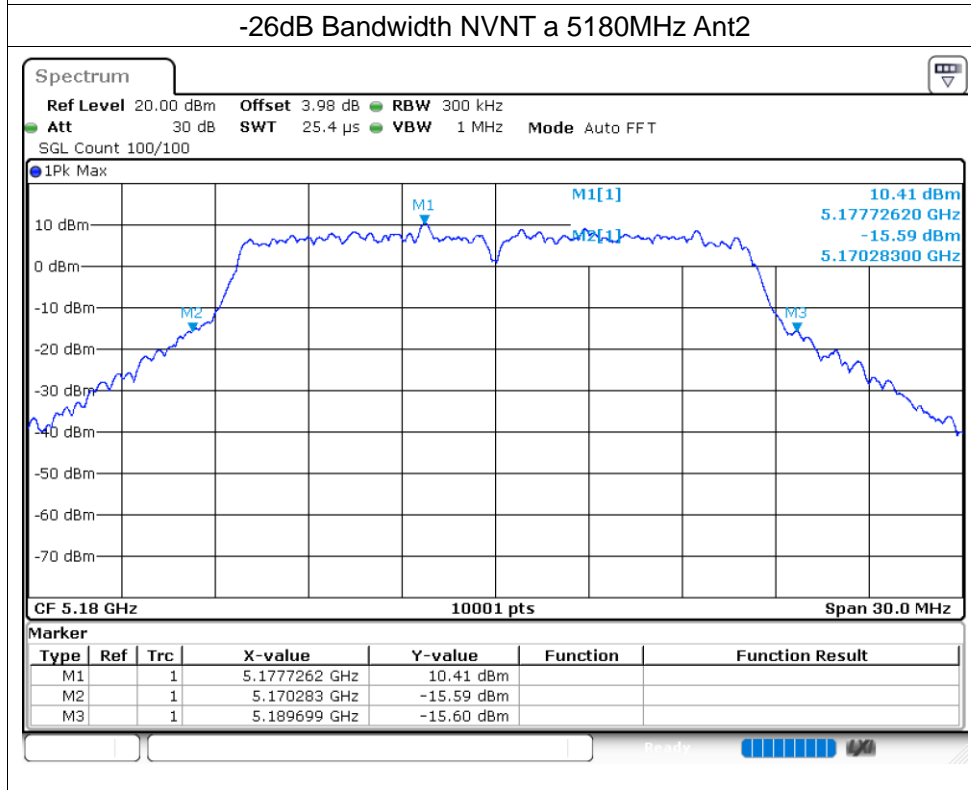
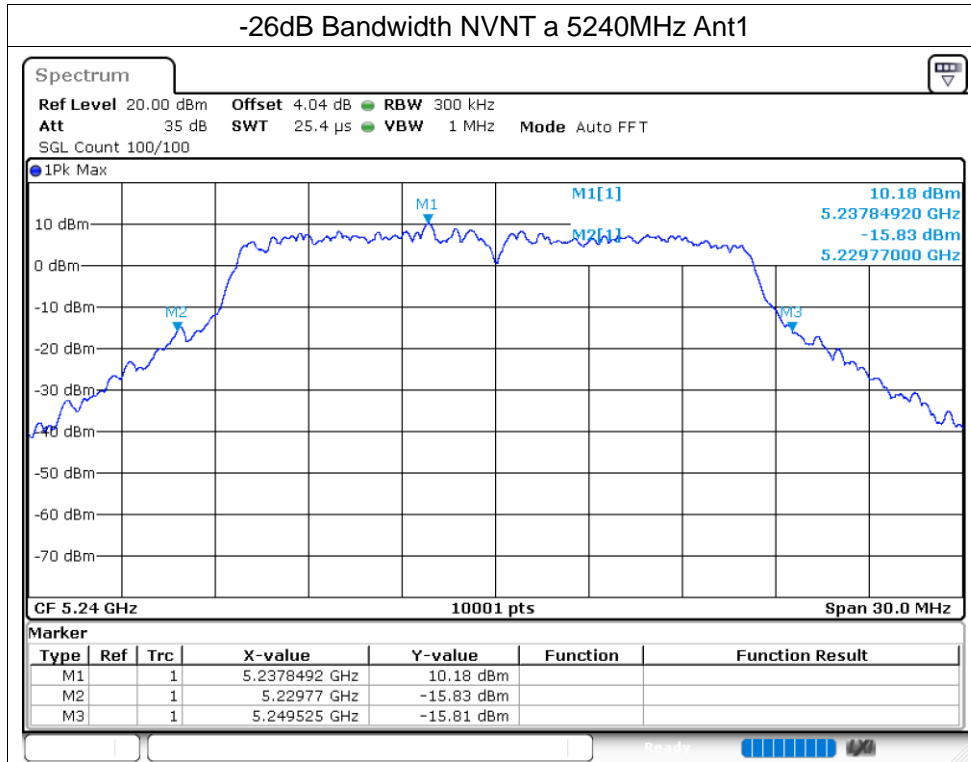
-26dB Bandwidth

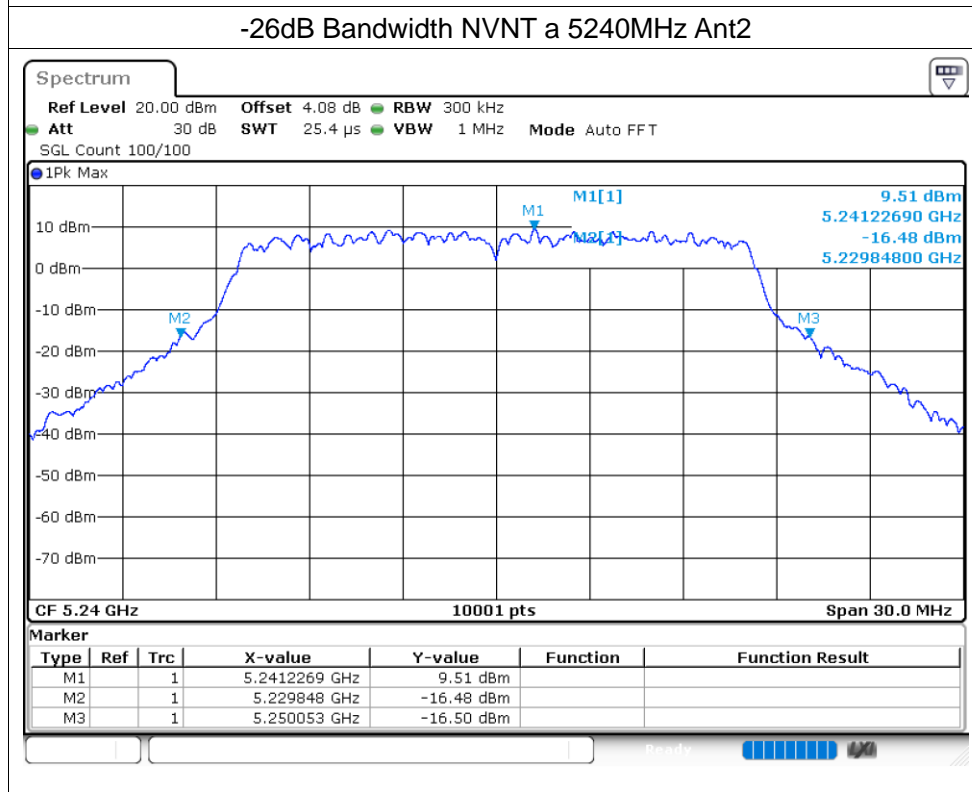
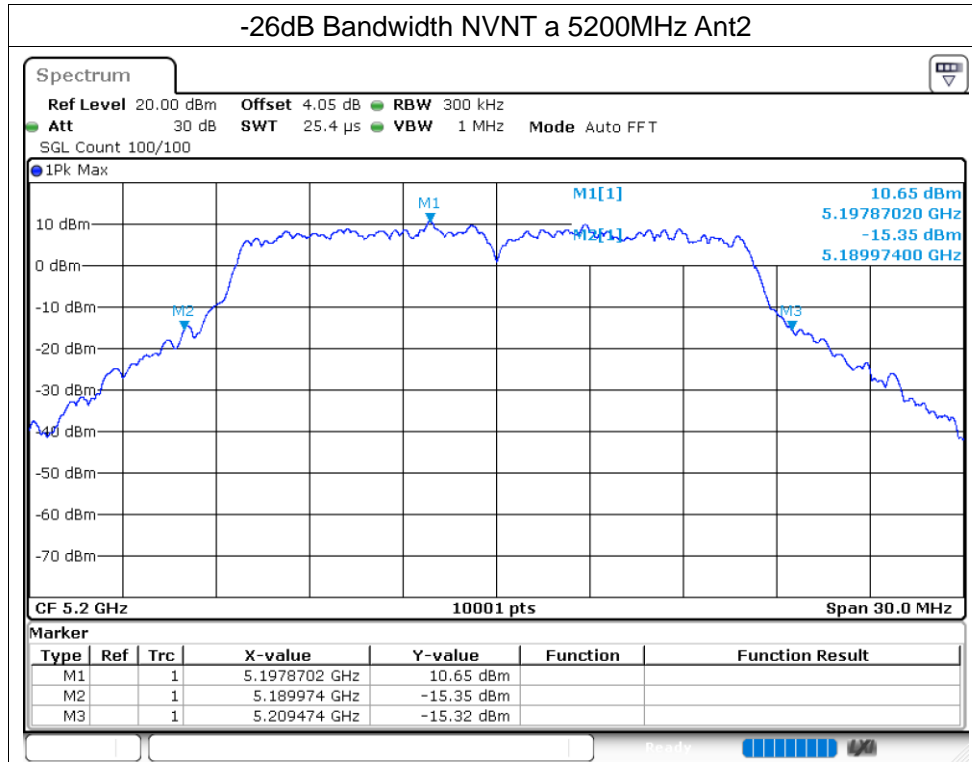
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.7	Pass
NVNT	a	5200	Ant1	20.001	Pass
NVNT	a	5240	Ant1	19.755	Pass
NVNT	a	5180	Ant2	19.416	Pass
NVNT	a	5200	Ant2	19.5	Pass
NVNT	a	5240	Ant2	20.205	Pass
NVNT	n20	5180	Ant1	21.12	Pass
NVNT	n20	5200	Ant1	21.183	Pass
NVNT	n20	5240	Ant1	20.505	Pass
NVNT	n20	5180	Ant2	20.343	Pass
NVNT	n20	5200	Ant2	21.078	Pass
NVNT	n20	5240	Ant2	20.409	Pass
NVNT	n40	5190	Ant1	40.506	Pass
NVNT	n40	5230	Ant1	40.956	Pass
NVNT	n40	5190	Ant2	41.262	Pass
NVNT	n40	5230	Ant2	40.836	Pass
NVNT	ac20	5180	Ant1	21.204	Pass
NVNT	ac20	5200	Ant1	21.402	Pass
NVNT	ac20	5240	Ant1	20.472	Pass
NVNT	ac20	5180	Ant2	20.601	Pass
NVNT	ac20	5200	Ant2	20.628	Pass
NVNT	ac20	5240	Ant2	20.844	Pass
NVNT	ac40	5190	Ant1	41.142	Pass
NVNT	ac40	5230	Ant1	41.064	Pass
NVNT	ac40	5190	Ant2	40.83	Pass
NVNT	ac40	5230	Ant2	41.142	Pass
NVNT	ac80	5210	Ant1	82.272	Pass
NVNT	ac80	5210	Ant2	82.668	Pass
NVNT	ax20	5180	Ant1	20.844	Pass
NVNT	ax20	5200	Ant1	20.685	Pass

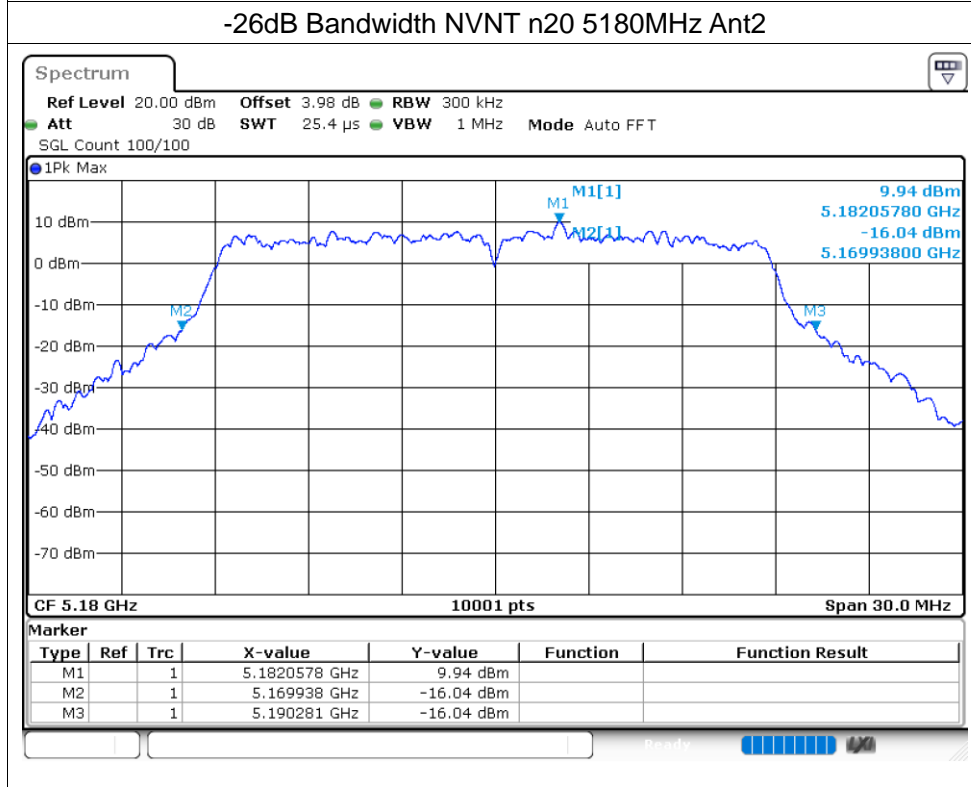
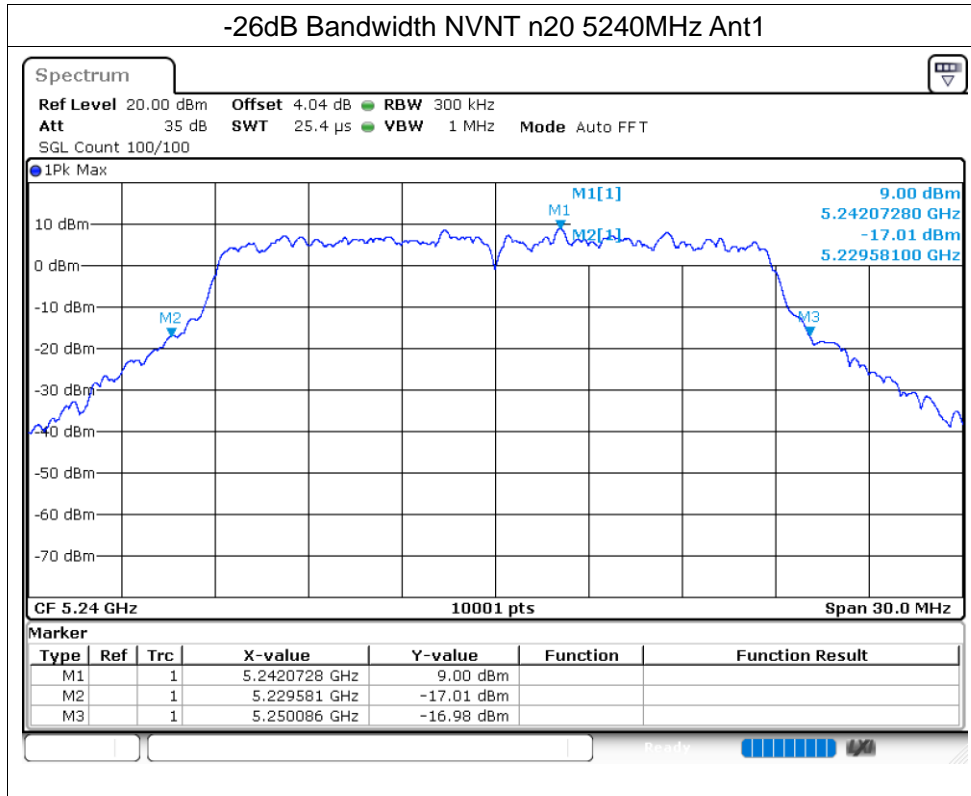
NVNT	ax20	5240	Ant1	21.762	Pass
NVNT	ax20	5180	Ant2	20.757	Pass
NVNT	ax20	5200	Ant2	21.351	Pass
NVNT	ax20	5240	Ant2	21.54	Pass
NVNT	ax40	5190	Ant1	40.782	Pass
NVNT	ax40	5230	Ant1	41.034	Pass
NVNT	ax40	5190	Ant2	41.07	Pass
NVNT	ax40	5230	Ant2	41.226	Pass
NVNT	ax80	5210	Ant1	82.8	Pass
NVNT	ax80	5210	Ant2	82.212	Pass

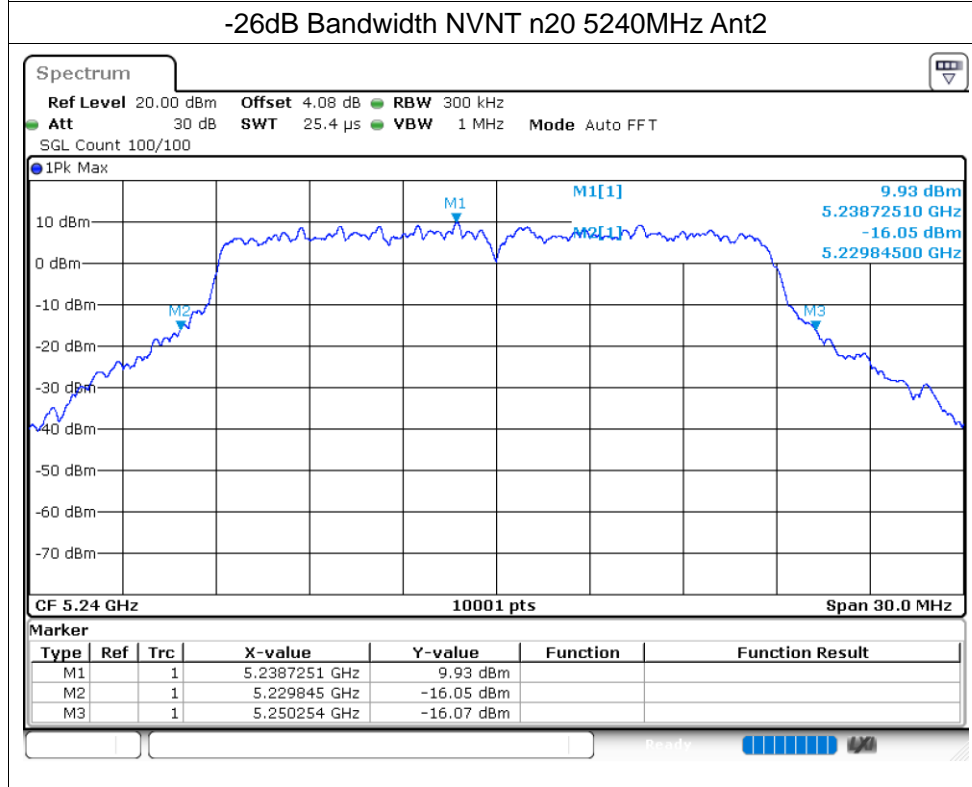
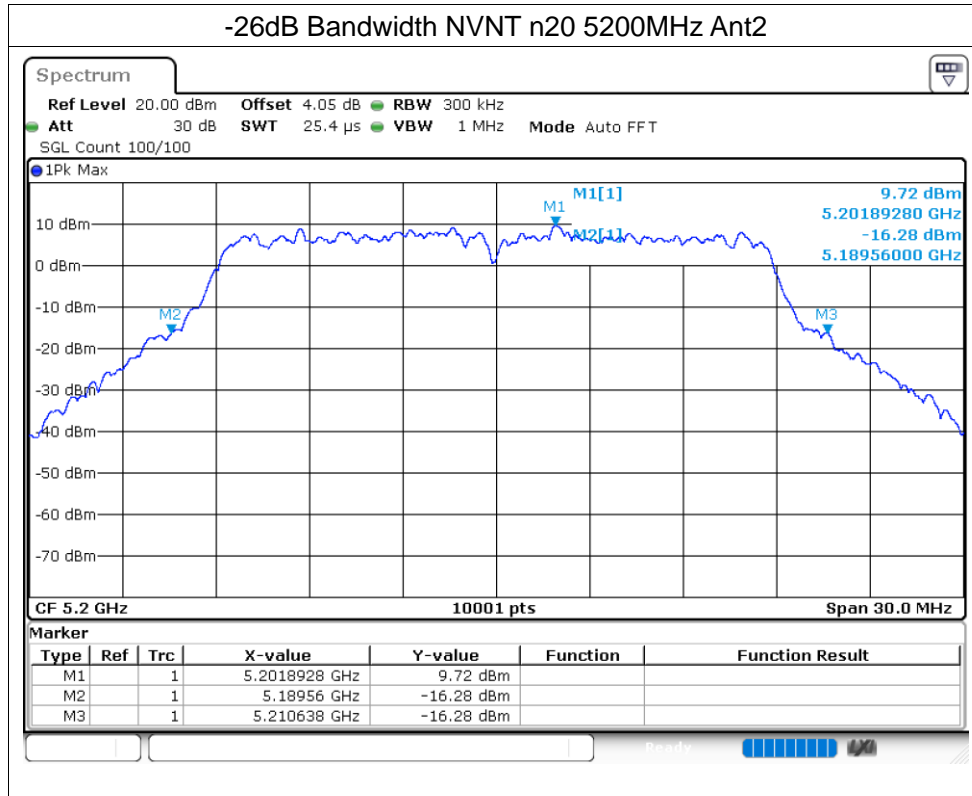


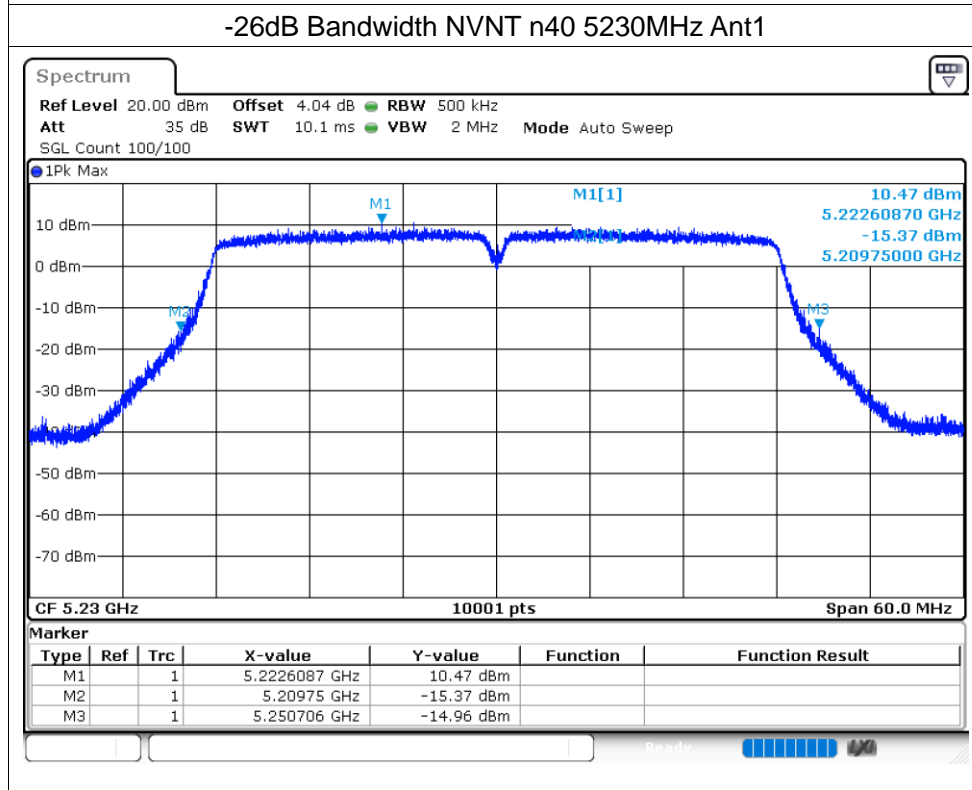
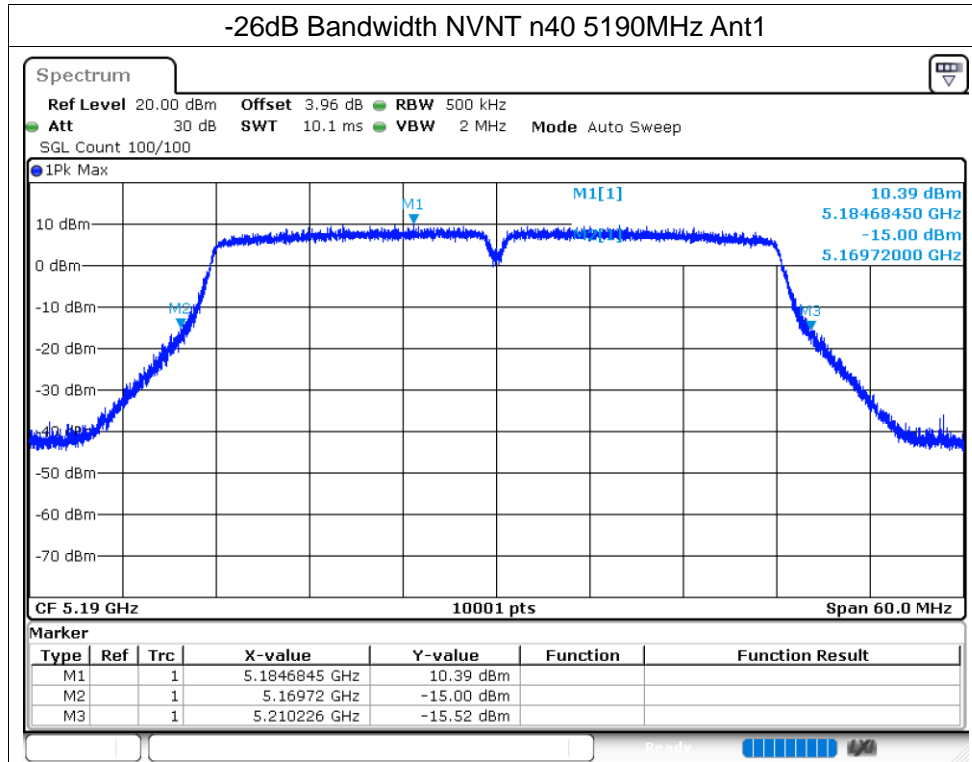


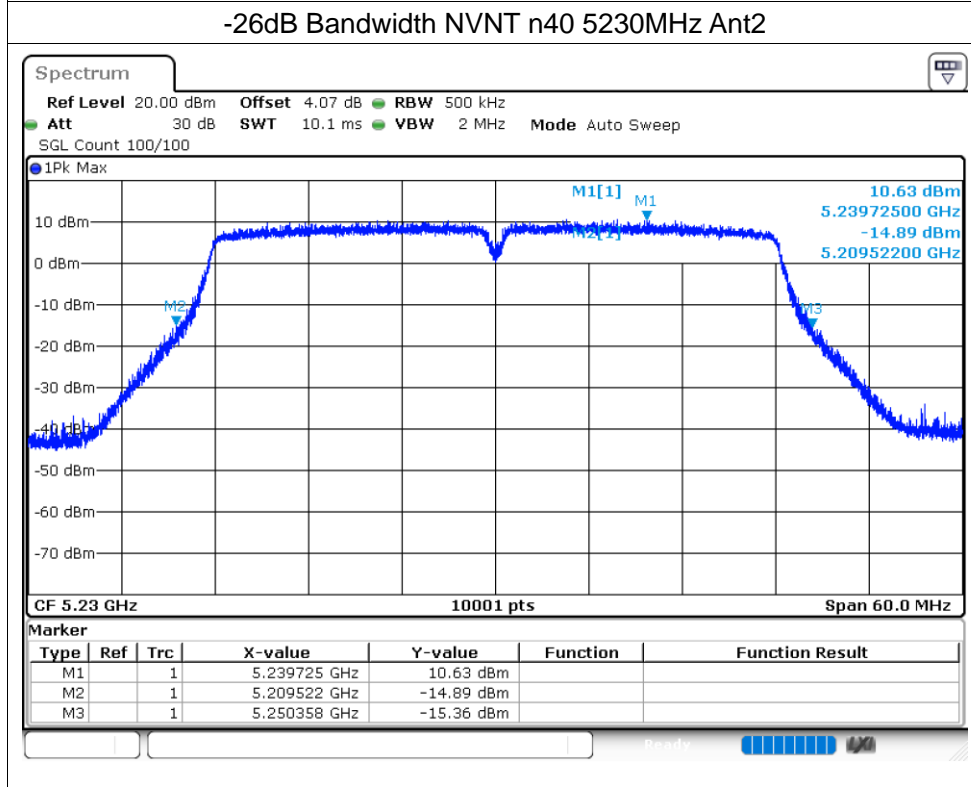
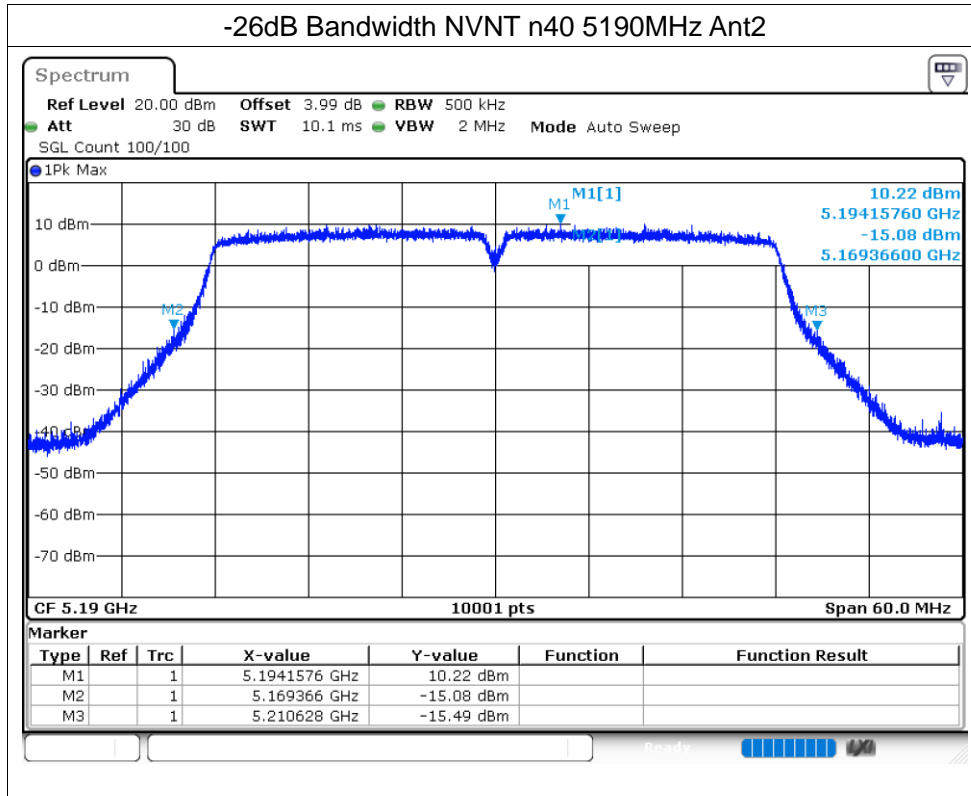


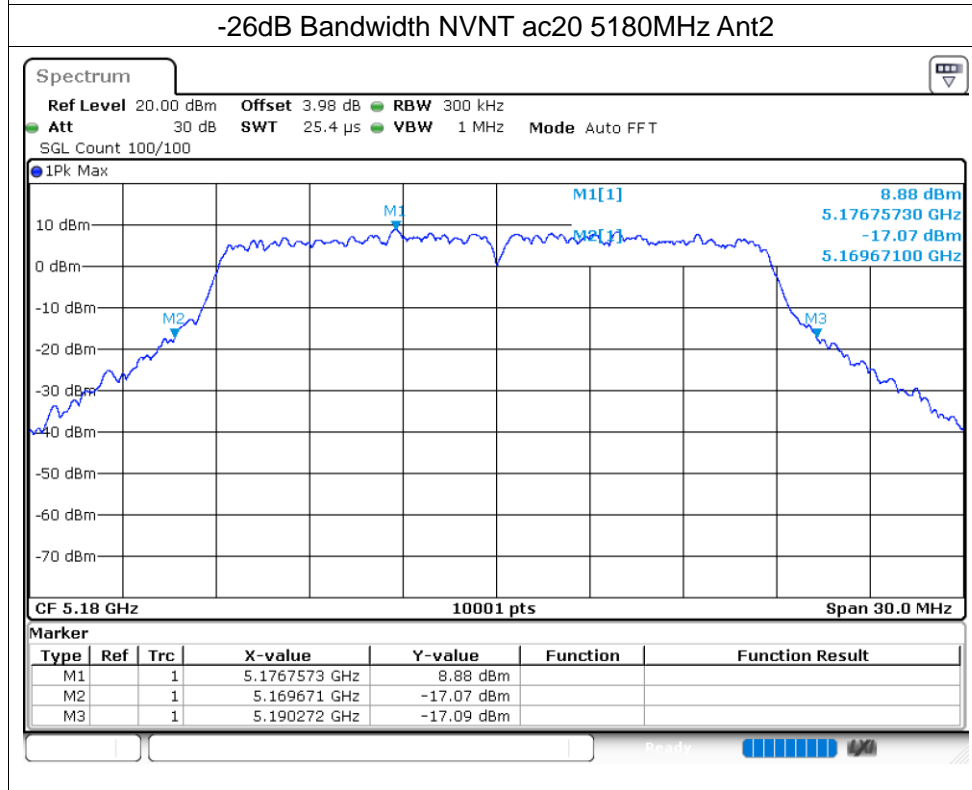
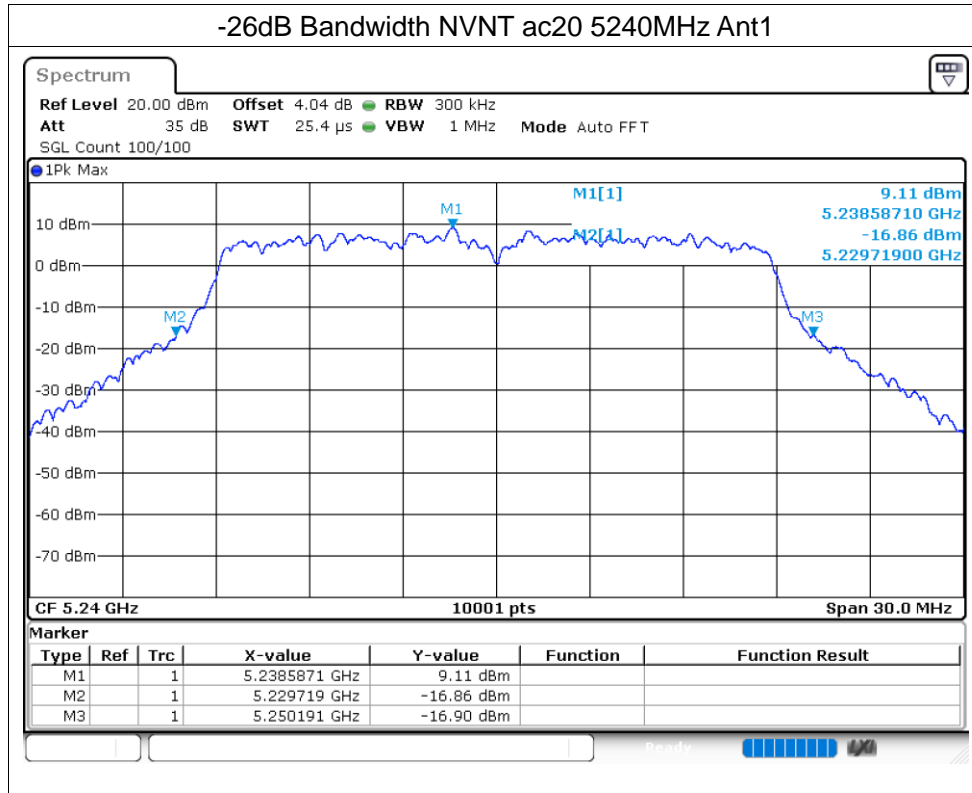


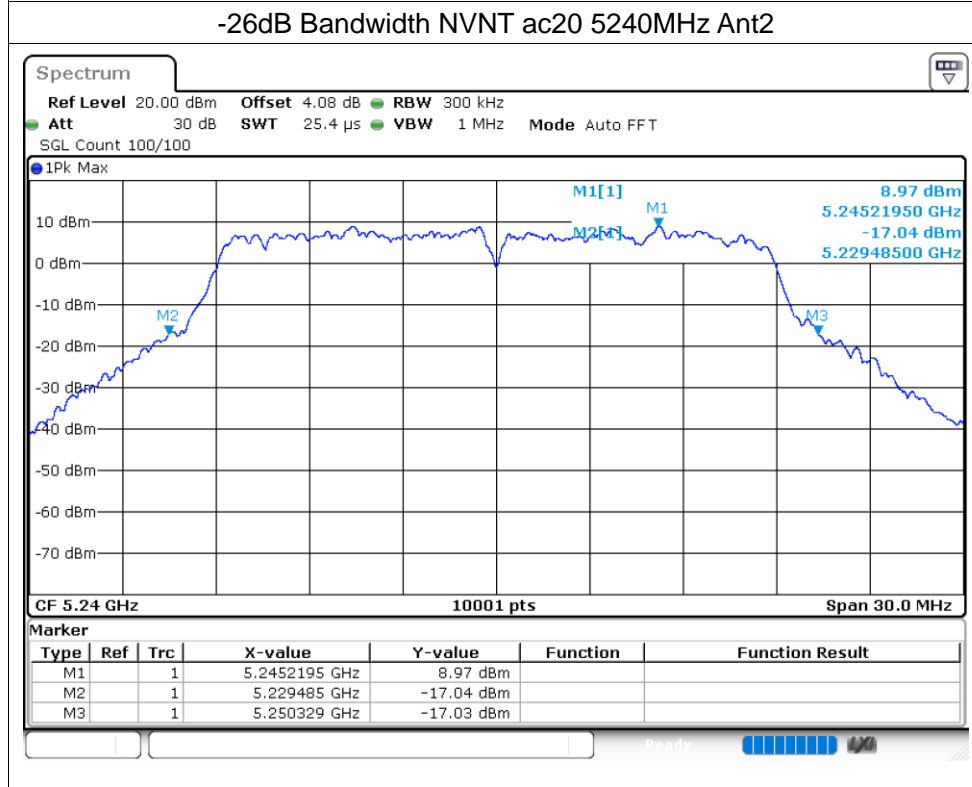
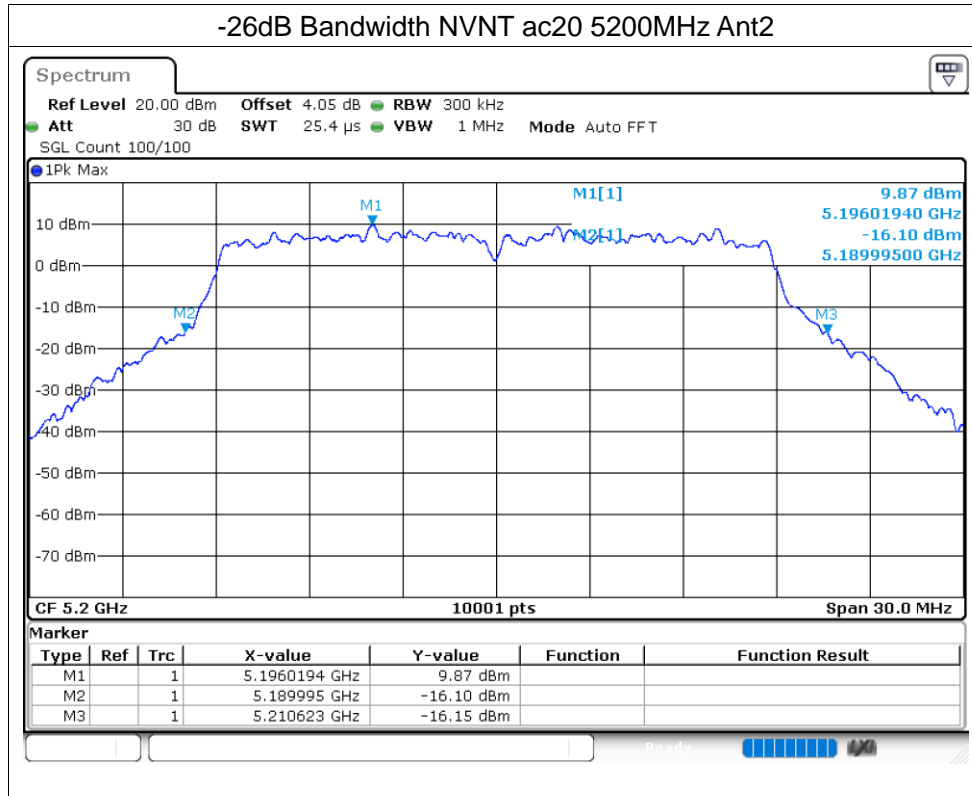


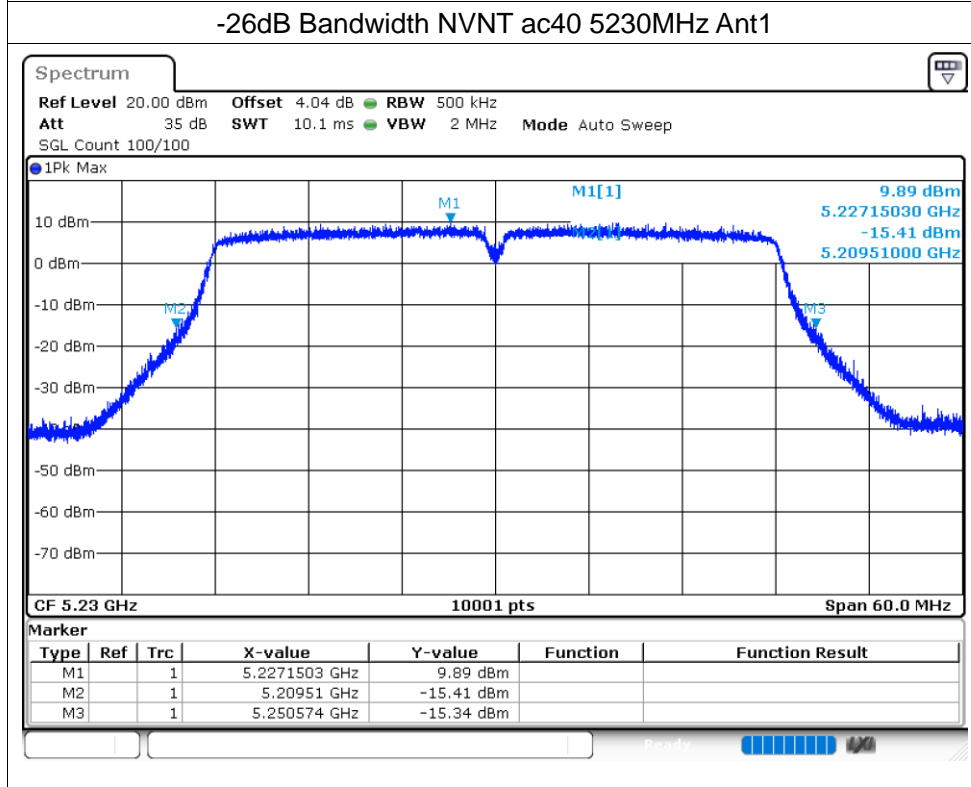
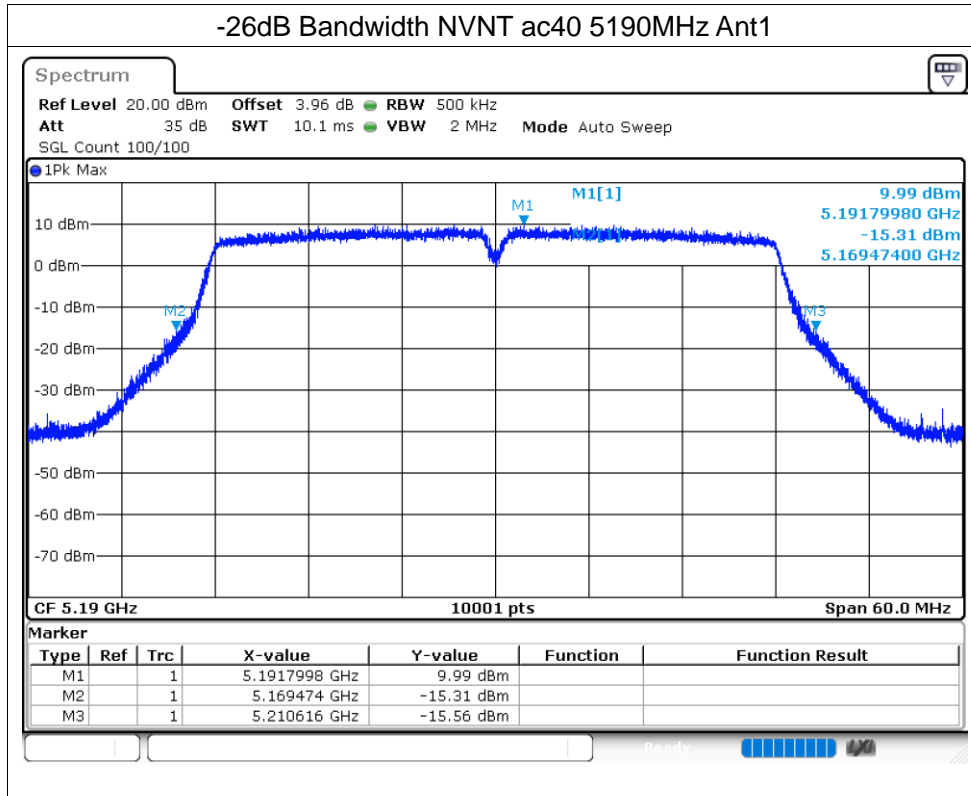


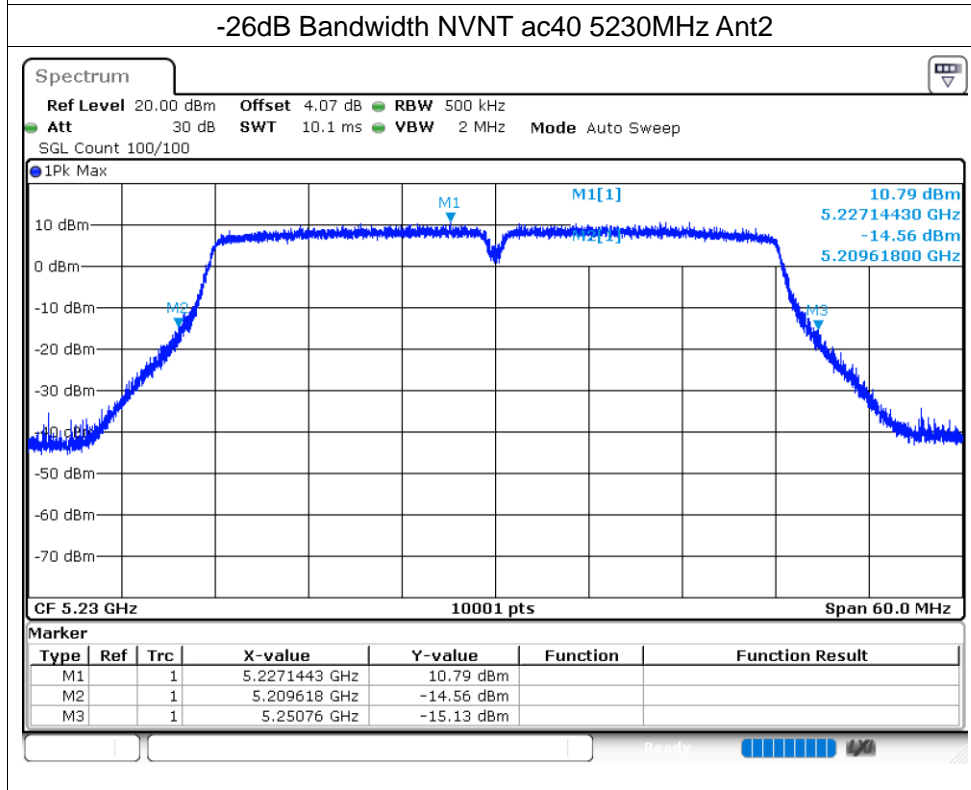
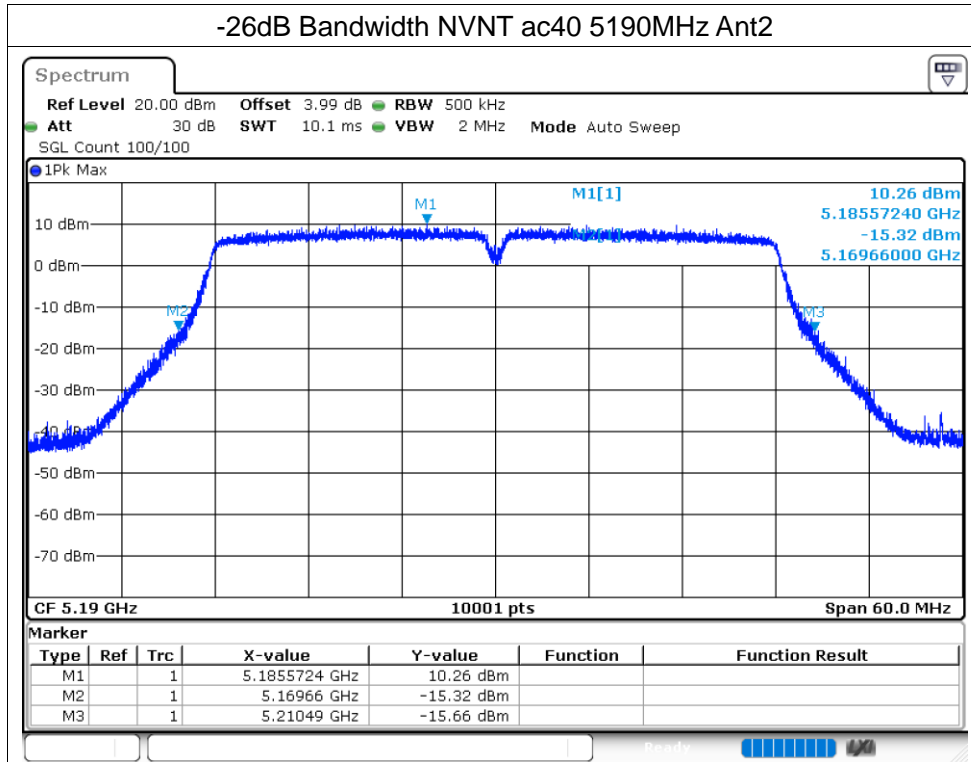




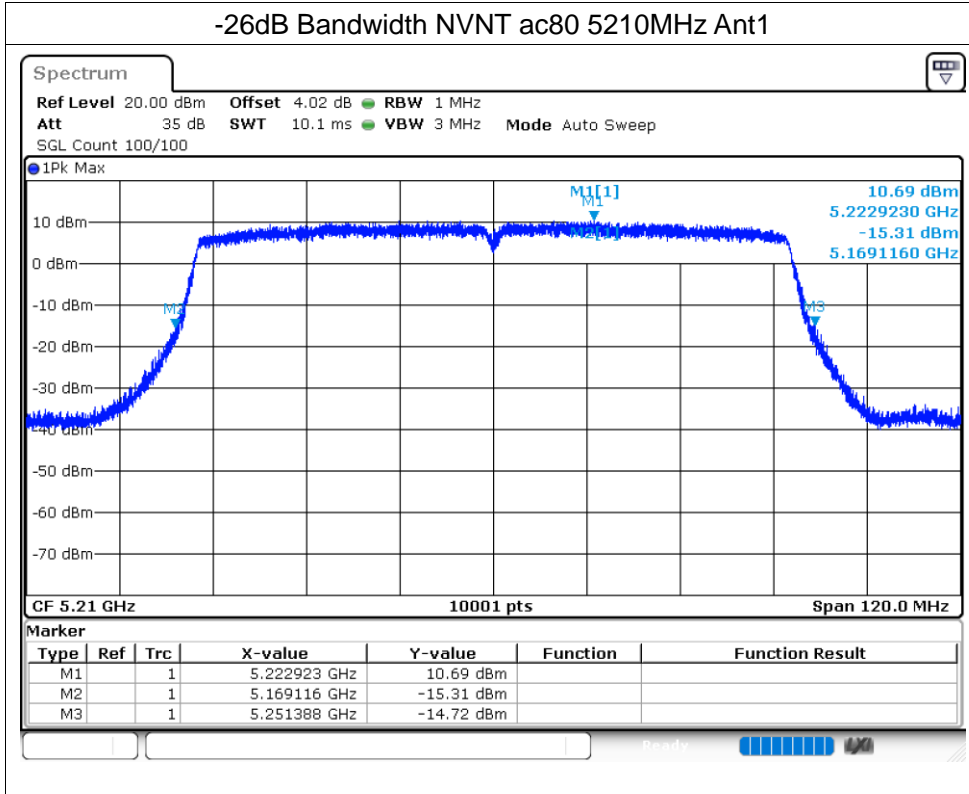








-26dB Bandwidth NVNT ac80 5210MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant2

