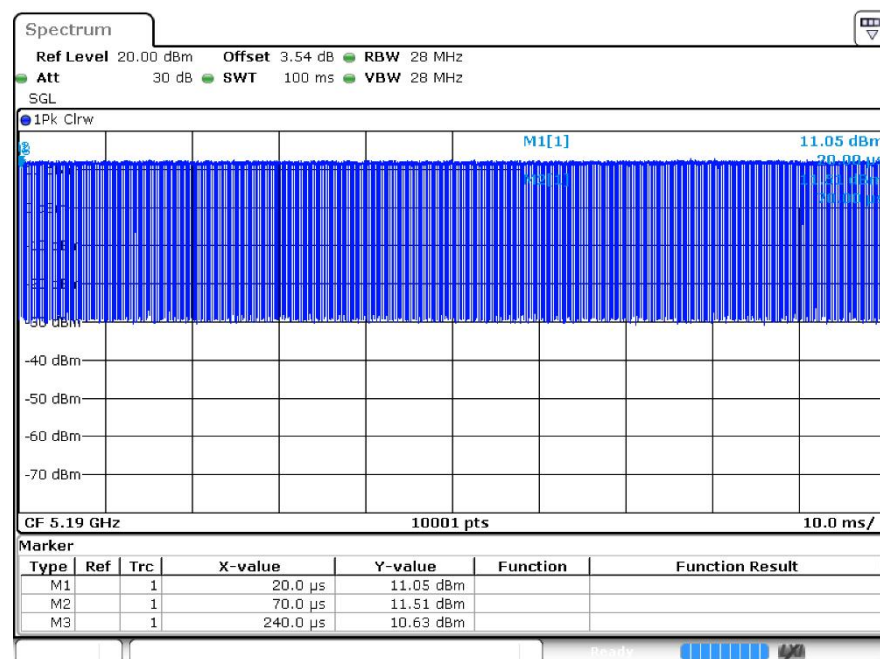
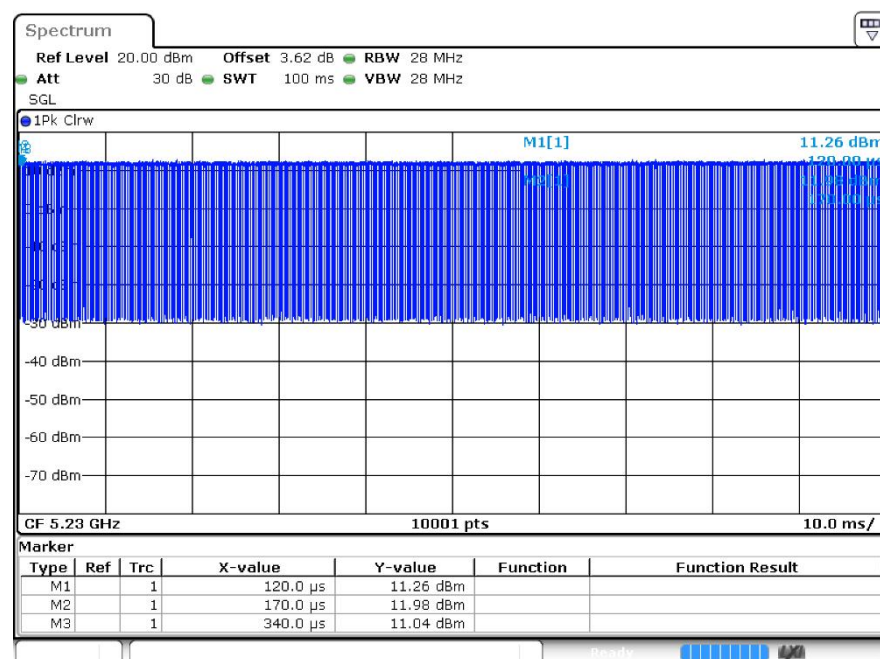


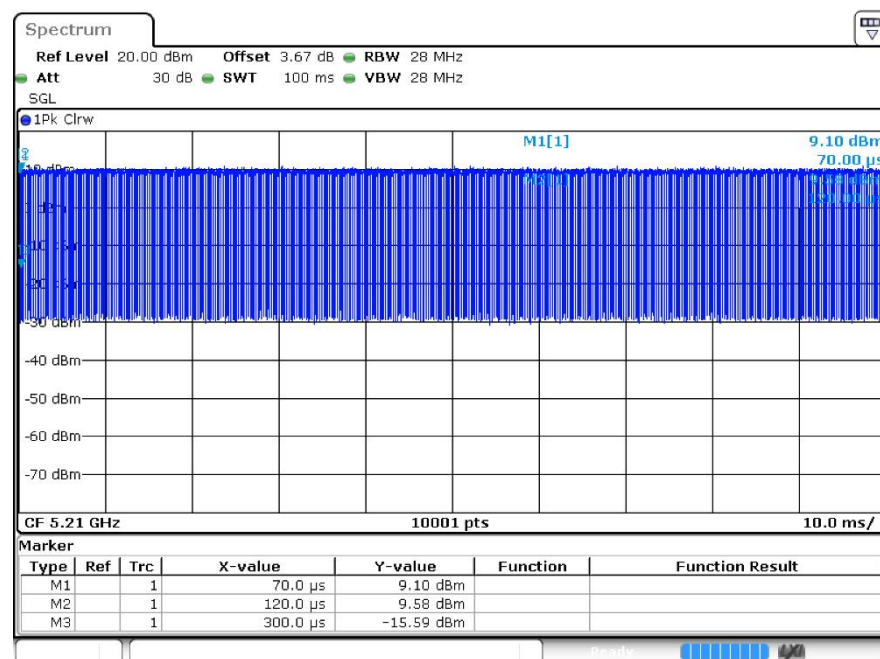
Duty Cycle ax40 5190MHz Ant2



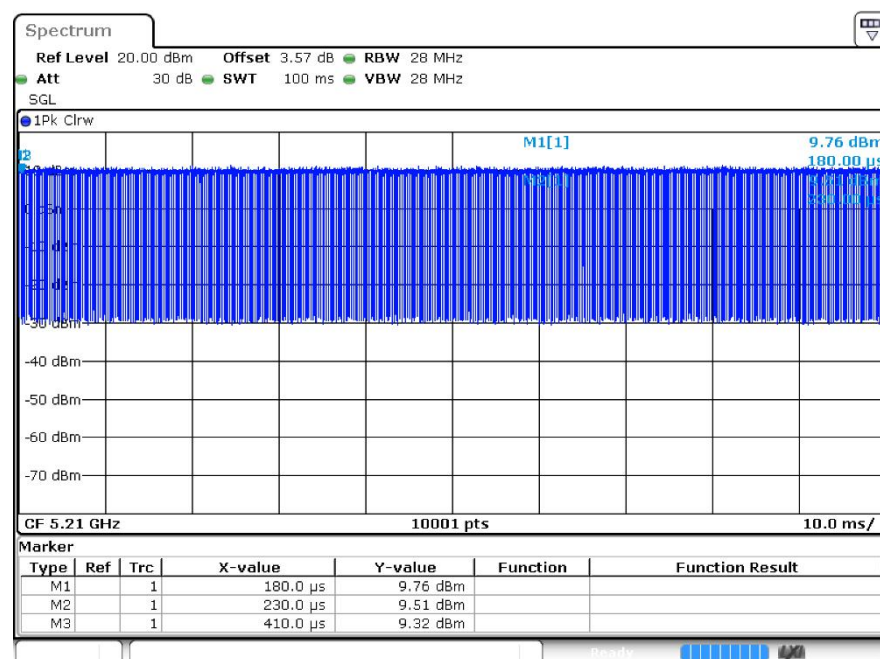
Duty Cycle ax40 5230MHz Ant2



Duty Cycle ax80 5210MHz Ant1



Duty Cycle ax80 5210MHz Ant2



2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
a	5180	Ant1	15.86	24	Pass
a	5200	Ant1	15.8	24	Pass
a	5240	Ant1	15.95	24	Pass
a	5180	Ant2	15.86	24	Pass
a	5200	Ant2	16.12	24	Pass
a	5240	Ant2	16.19	24	Pass
n20	5180	Ant1	12.02	24	Pass
n20	5180	Ant2	12.3	24	Pass
n20	5180	Sum	15.17	24	Pass
n20	5200	Ant1	11.92	24	Pass
n20	5200	Ant2	12.39	24	Pass
n20	5200	Sum	15.17	24	Pass
n20	5240	Ant1	12.23	24	Pass
n20	5240	Ant2	12.49	24	Pass
n20	5240	Sum	15.37	24	Pass
n40	5190	Ant1	11.73	24	Pass
n40	5190	Ant2	12.06	24	Pass
n40	5190	Sum	14.91	24	Pass
n40	5230	Ant1	11.8	24	Pass
n40	5230	Ant2	12.27	24	Pass
n40	5230	Sum	15.05	24	Pass
ac20	5180	Ant1	12	24	Pass
ac20	5180	Ant2	12.25	24	Pass
ac20	5180	Sum	15.14	24	Pass
ac20	5200	Ant1	12.01	24	Pass
ac20	5200	Ant2	12.49	24	Pass
ac20	5200	Sum	15.27	24	Pass
ac20	5240	Ant1	12.26	24	Pass
ac20	5240	Ant2	12.52	24	Pass
ac20	5240	Sum	15.40	24	Pass
ac40	5190	Ant1	11.67	24	Pass
ac40	5190	Ant2	12.06	24	Pass
ac40	5190	Sum	14.88	24	Pass
ac40	5230	Ant1	11.83	24	Pass
ac40	5230	Ant2	12.16	24	Pass



ac40	5230	Sum	15.01	24	Pass
ac80	5210	Ant1	11.33	24	Pass
ac80	5210	Ant2	11.86	24	Pass
ac80	5210	Sum	14.61	24	Pass
ax20	5180	Ant1	11.55	24	Pass
ax20	5180	Ant2	11.77	24	Pass
ax20	5180	Sum	14.67	24	Pass
ax20	5200	Ant1	11.62	24	Pass
ax20	5200	Ant2	11.92	24	Pass
ax20	5200	Sum	14.78	24	Pass
ax20	5240	Ant1	11.9	24	Pass
ax20	5240	Ant2	12.14	24	Pass
ax20	5240	Sum	15.03	24	Pass
ax40	5190	Ant1	11.07	24	Pass
ax40	5190	Ant2	11.47	24	Pass
ax40	5190	Sum	14.28	24	Pass
ax40	5230	Ant1	11.39	24	Pass
ax40	5230	Ant2	11.76	24	Pass
ax40	5230	Sum	14.59	24	Pass
ax80	5210	Ant1	10.61	24	Pass
ax80	5210	Ant2	11.14	24	Pass
ax80	5210	Sum	13.89	24	Pass

Note:

The duty factor has been compensated into the result.



3 -26dB Bandwidth

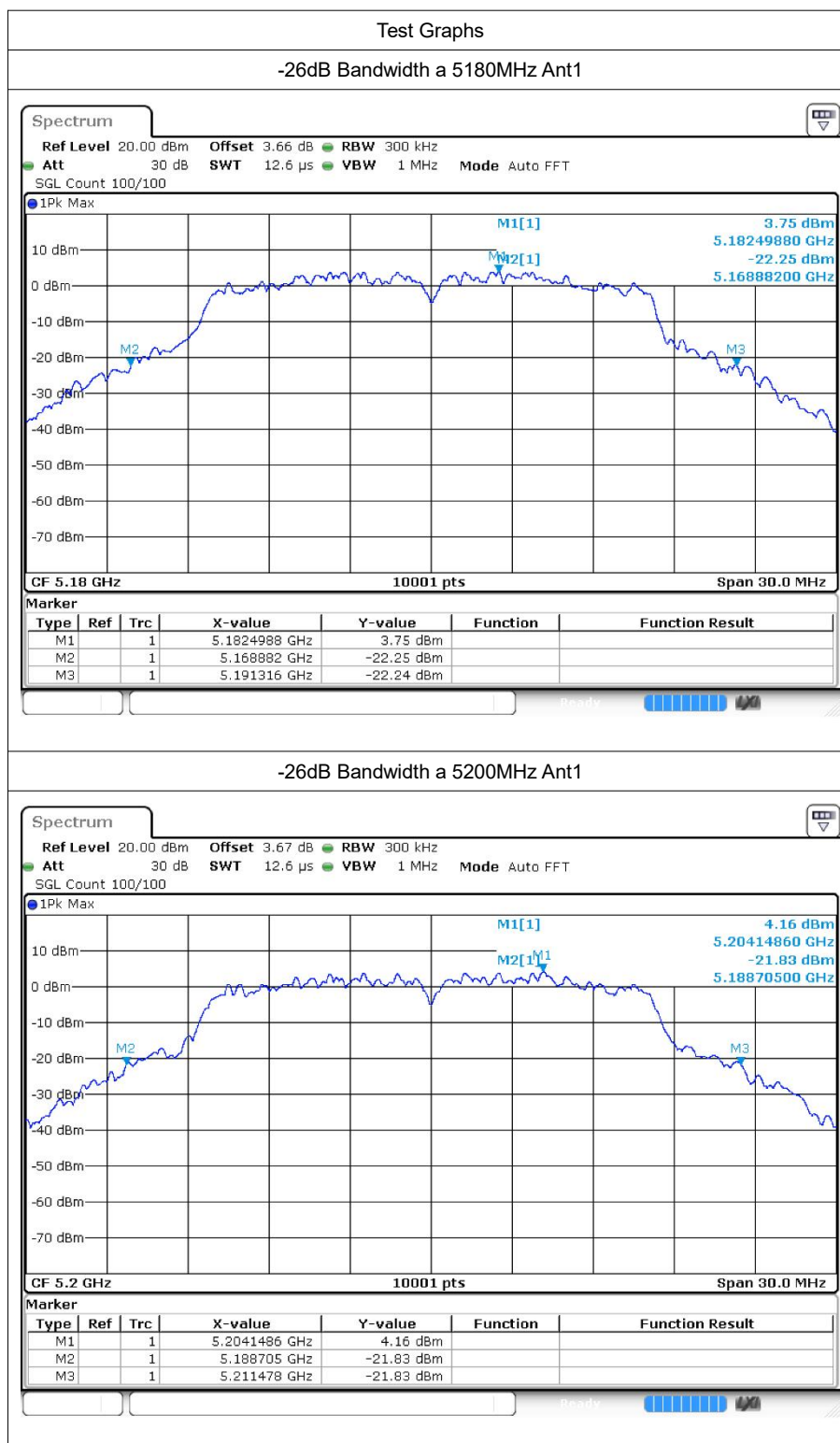
3.1 Test Result

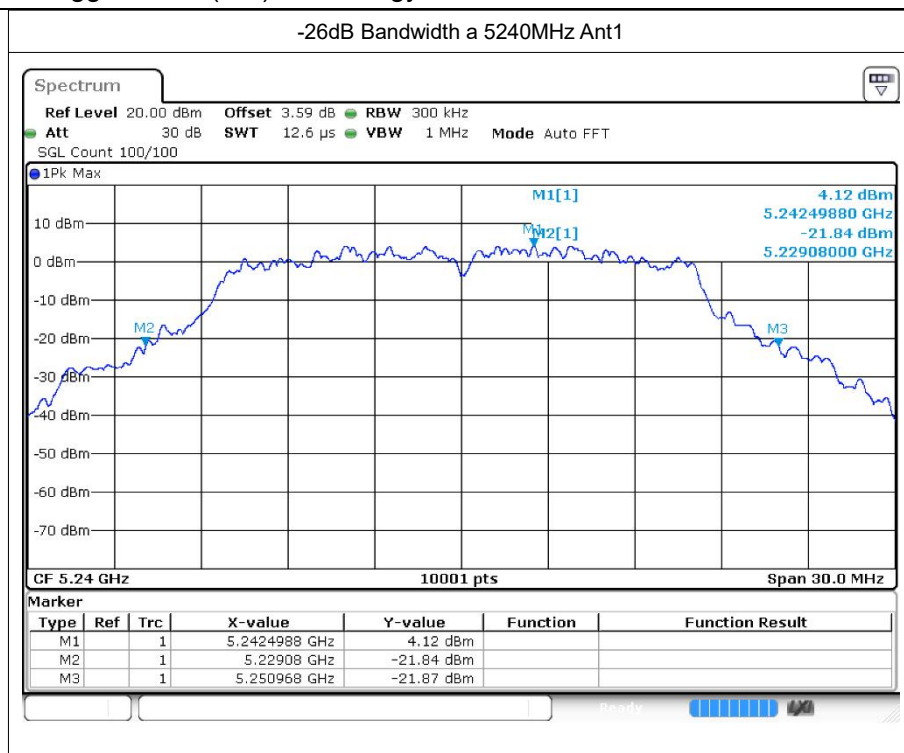
Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
a	5180	Ant1	22.434	0.5	Pass
a	5200	Ant1	22.773	0.5	Pass
a	5240	Ant1	21.888	0.5	Pass
n20	5180	Ant1	22.917	0.5	Pass
n20	5200	Ant1	22.572	0.5	Pass
n20	5240	Ant1	22.71	0.5	Pass
n40	5190	Ant1	41.58	0.5	Pass
n40	5230	Ant1	43.32	0.5	Pass
ac20	5180	Ant1	23.178	0.5	Pass
ac20	5200	Ant1	22.809	0.5	Pass
ac20	5240	Ant1	22.869	0.5	Pass
ac40	5190	Ant1	42.054	0.5	Pass
ac40	5230	Ant1	41.826	0.5	Pass
ac80	5210	Ant1	83.328	0.5	Pass
ax20	5180	Ant1	22.863	0.5	Pass
ax20	5200	Ant1	21.909	0.5	Pass
ax20	5240	Ant1	21.96	0.5	Pass
ax40	5190	Ant1	42	0.5	Pass
ax40	5230	Ant1	39.876	0.5	Pass
ax80	5210	Ant1	83.316	0.5	Pass
a	5180	Ant2	22.461	0.5	Pass
a	5200	Ant2	22.713	0.5	Pass
a	5240	Ant2	22.551	0.5	Pass
n20	5180	Ant2	22.173	0.5	Pass
n20	5200	Ant2	22.686	0.5	Pass
n20	5240	Ant2	23.004	0.5	Pass
n40	5190	Ant2	43.674	0.5	Pass
n40	5230	Ant2	43.446	0.5	Pass
ac20	5180	Ant2	21.753	0.5	Pass
ac20	5200	Ant2	23.013	0.5	Pass
ac20	5240	Ant2	22.884	0.5	Pass
ac40	5190	Ant2	41.082	0.5	Pass
ac40	5230	Ant2	42.552	0.5	Pass
ac80	5210	Ant2	82.44	0.5	Pass
ax20	5180	Ant2	21.873	0.5	Pass
ax20	5200	Ant2	22.848	0.5	Pass
ax20	5240	Ant2	22.149	0.5	Pass



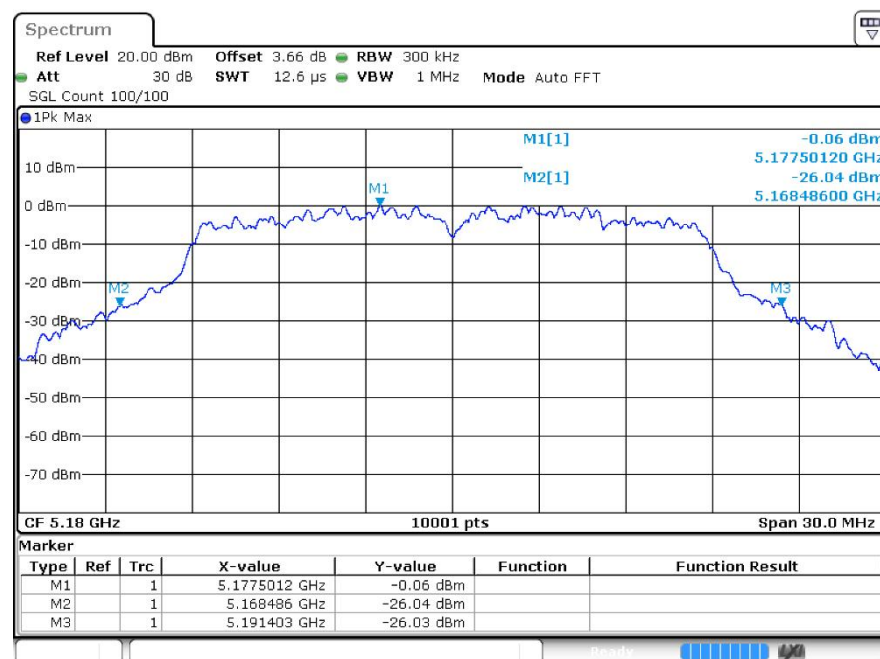
ax40	5190	Ant2	41.274	0.5	Pass
ax40	5230	Ant2	40.8	0.5	Pass
ax80	5210	Ant2	83.616	0.5	Pass

3.2 Test Graphs

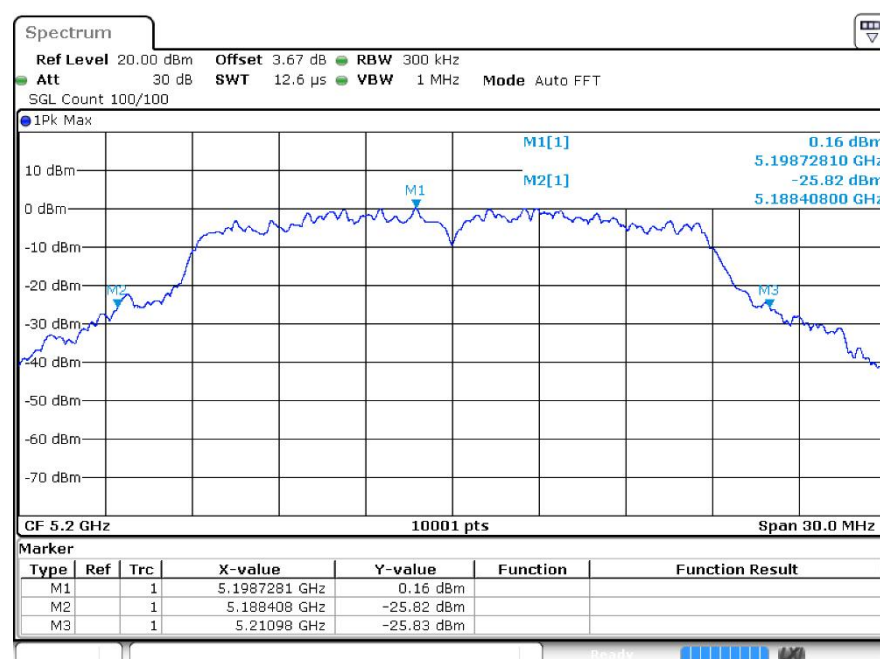


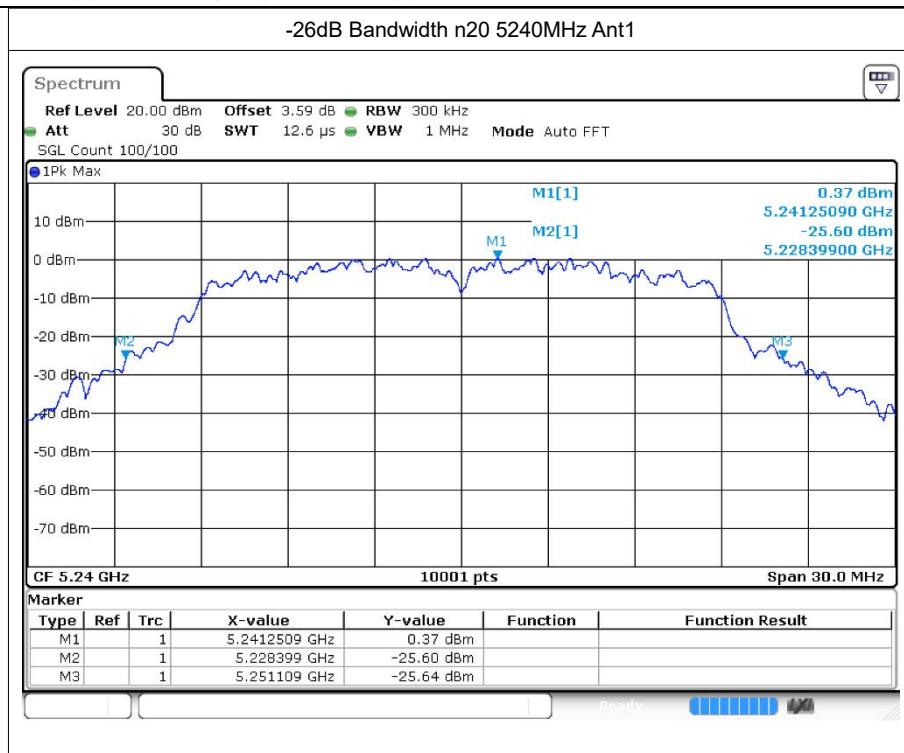


-26dB Bandwidth n20 5180MHz Ant1

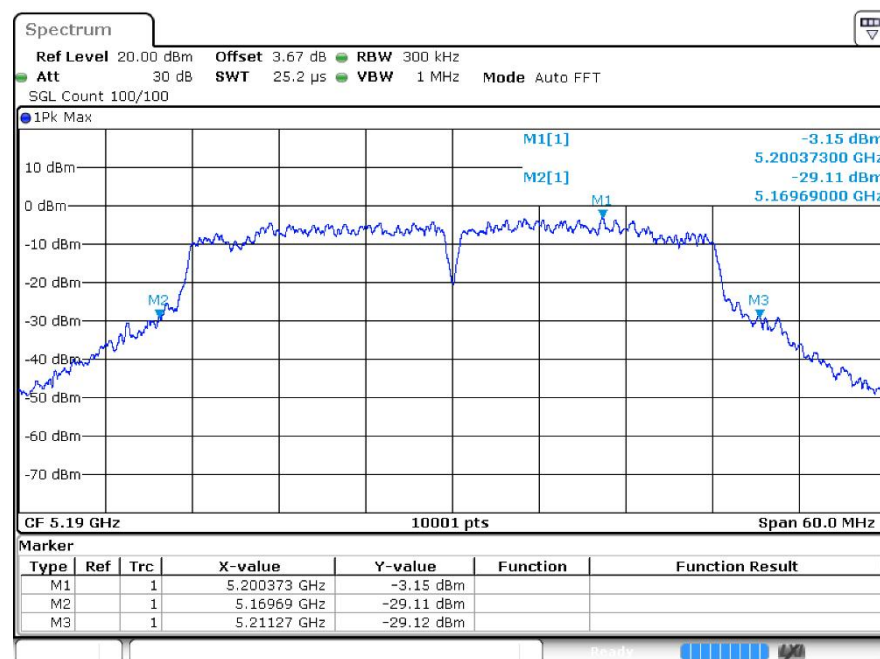


-26dB Bandwidth n20 5200MHz Ant1

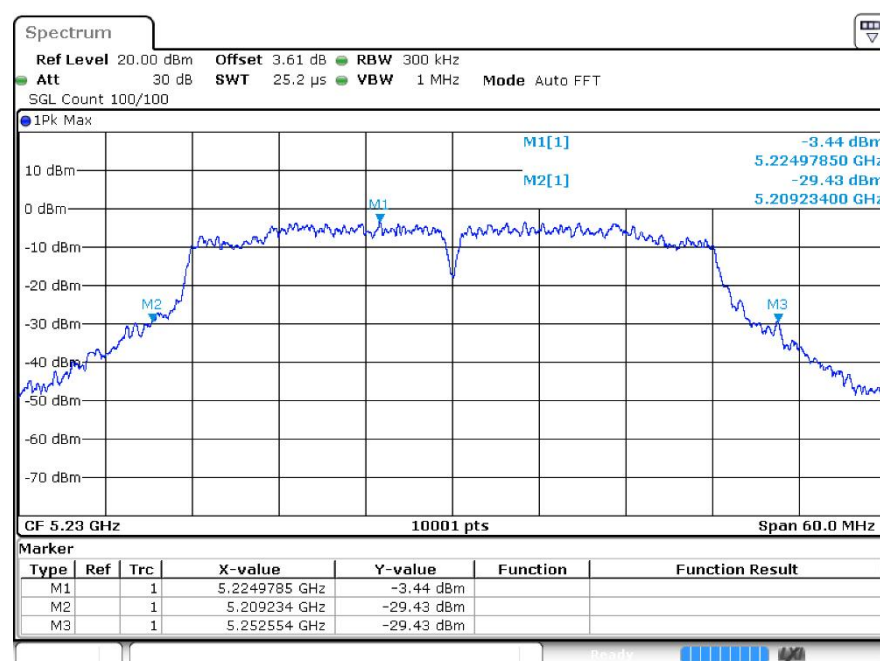




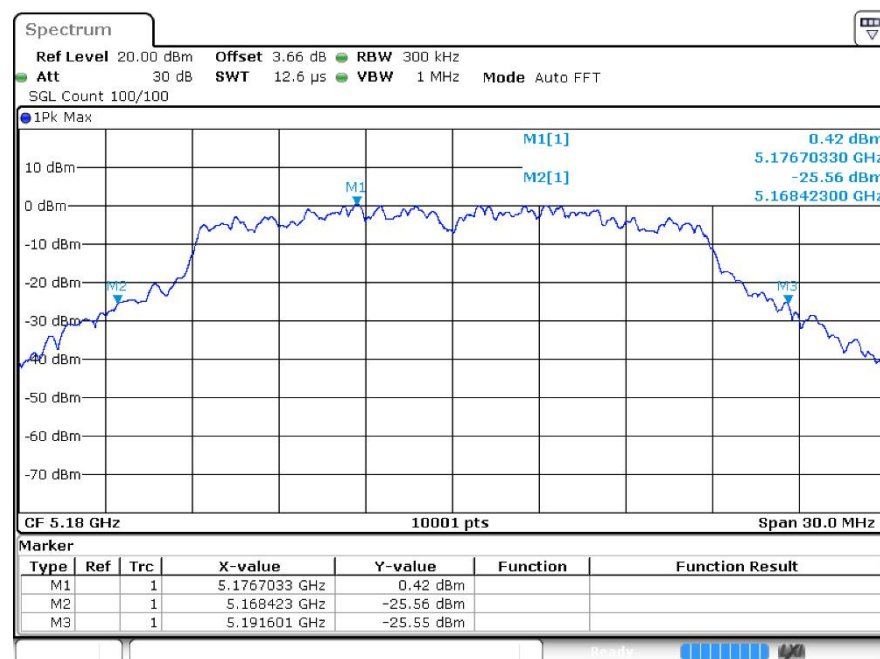
-26dB Bandwidth n40 5190MHz Ant1



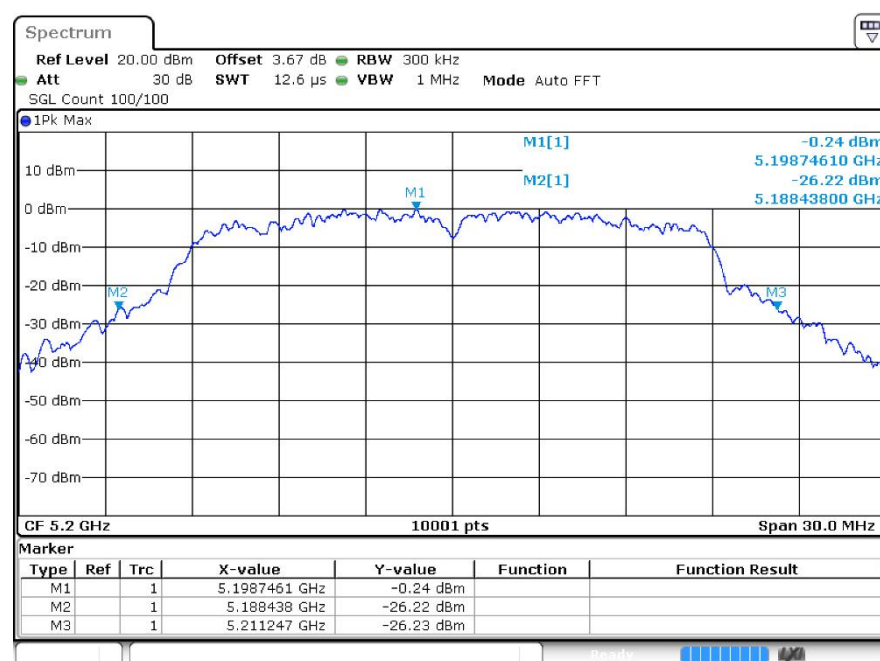
-26dB Bandwidth n40 5230MHz Ant1

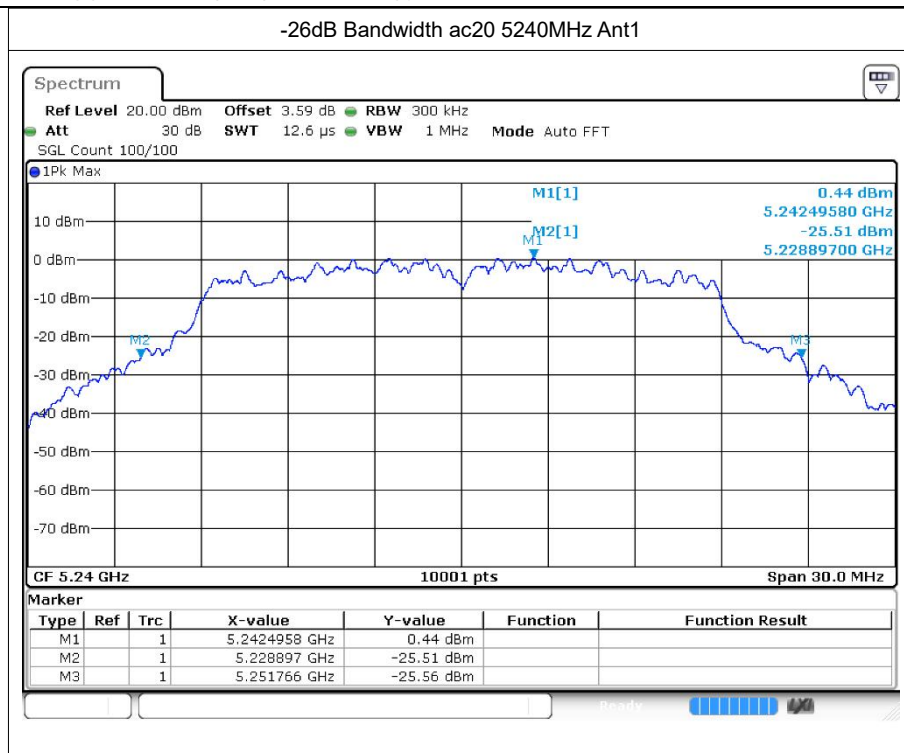


-26dB Bandwidth ac20 5180MHz Ant1

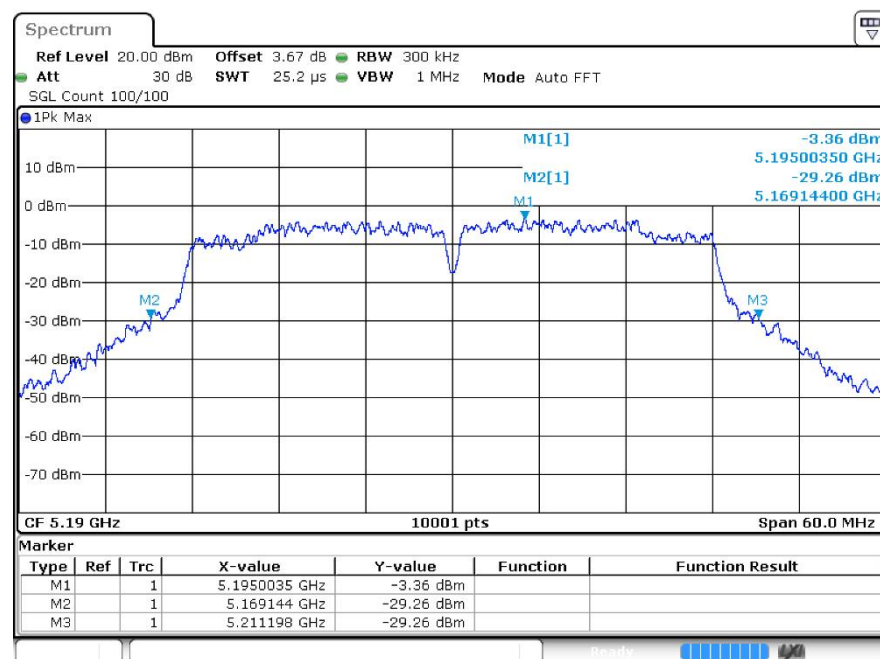


-26dB Bandwidth ac20 5200MHz Ant1

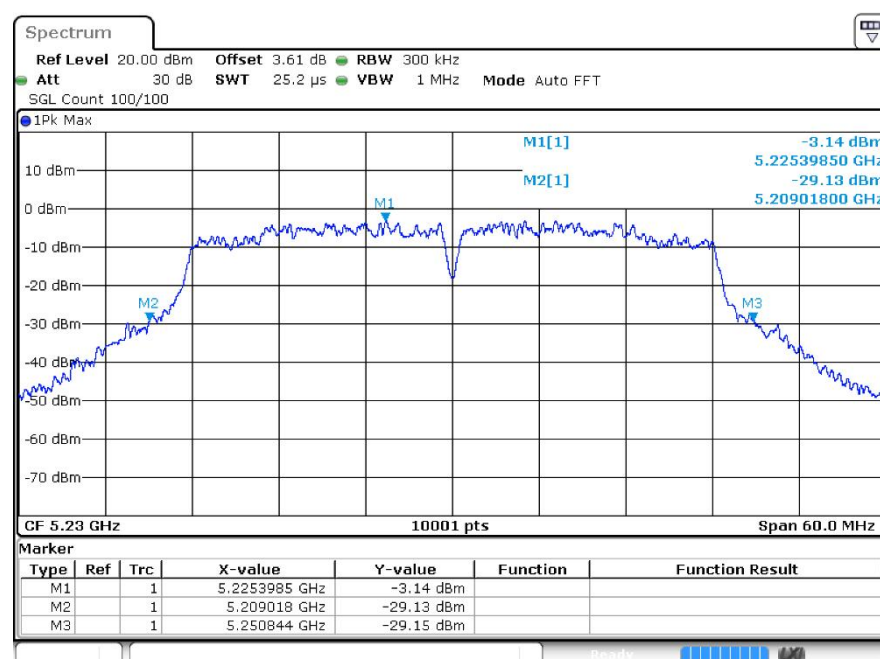


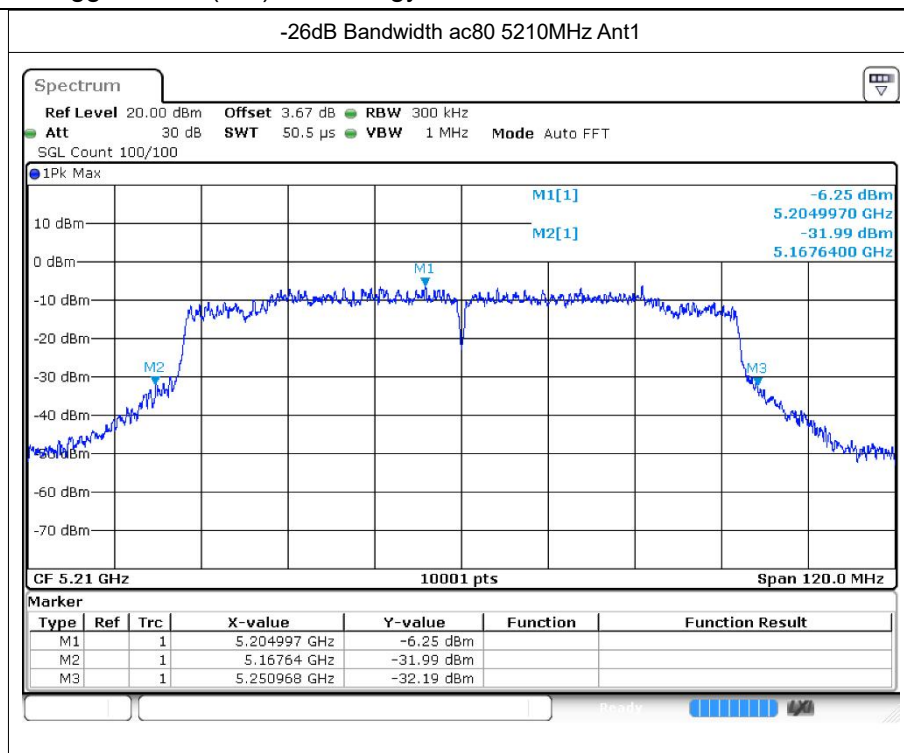


-26dB Bandwidth ac40 5190MHz Ant1

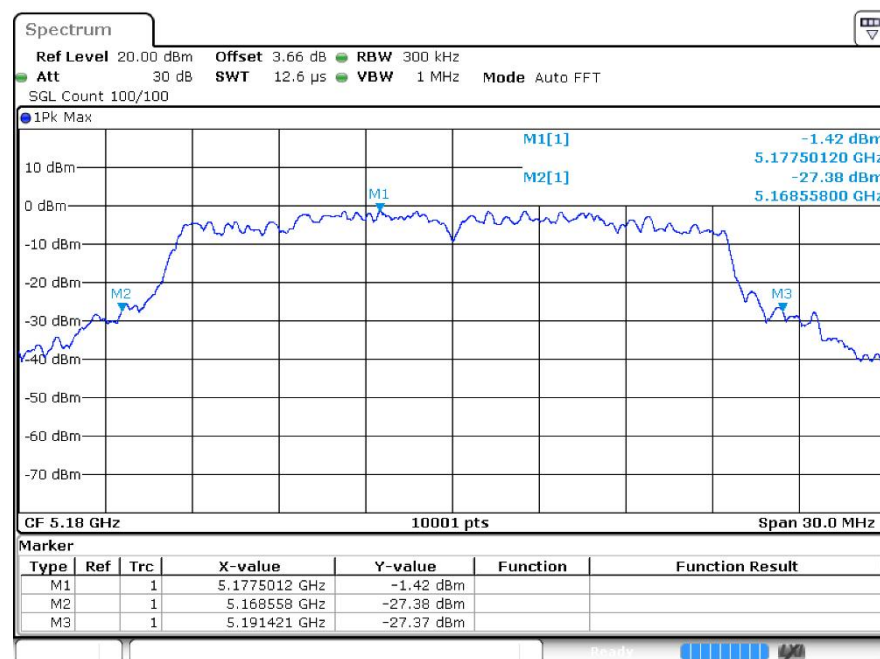


-26dB Bandwidth ac40 5230MHz Ant1

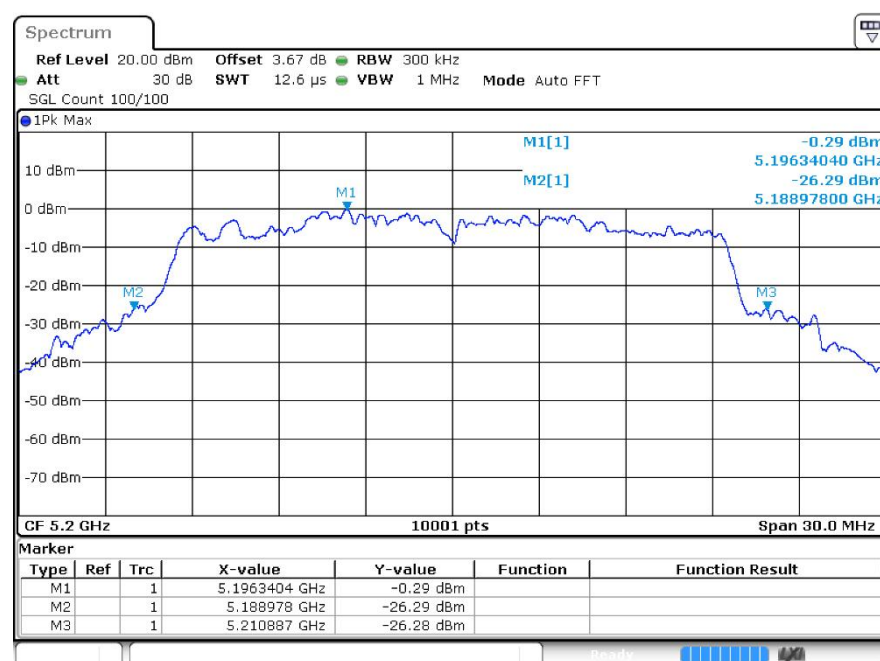


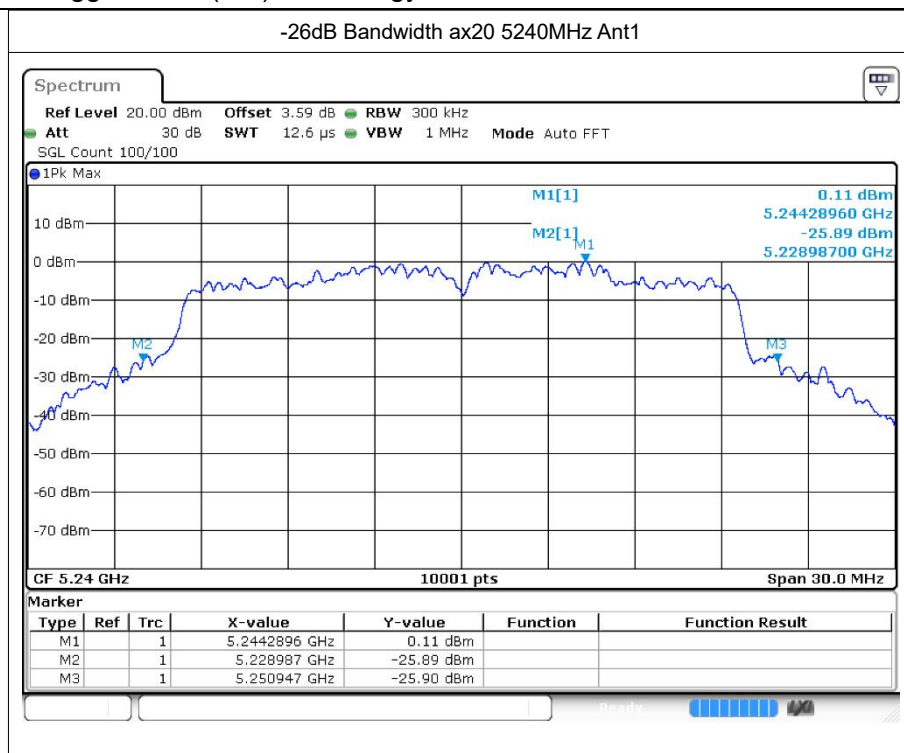


-26dB Bandwidth ax20 5180MHz Ant1

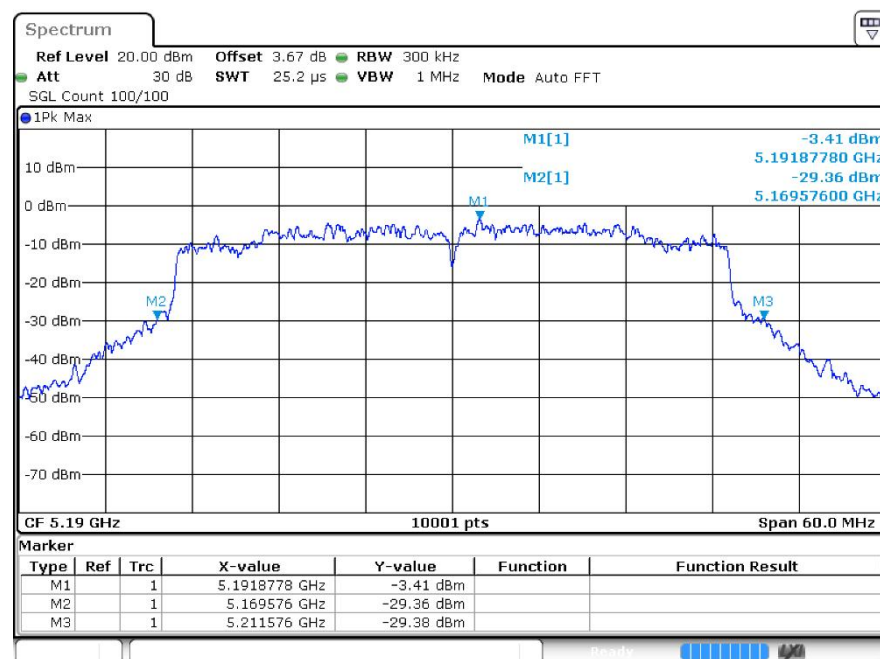


-26dB Bandwidth ax20 5200MHz Ant1

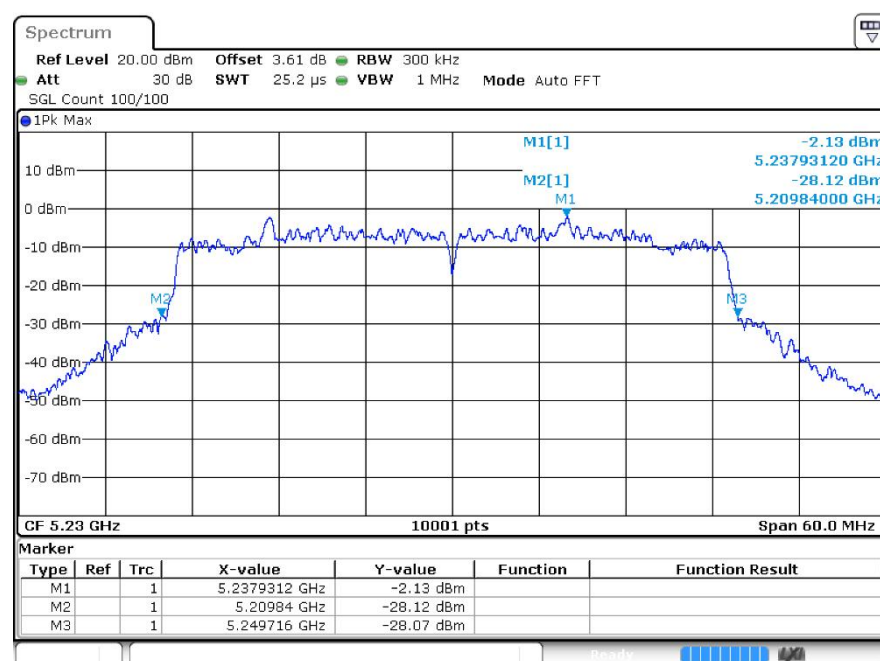


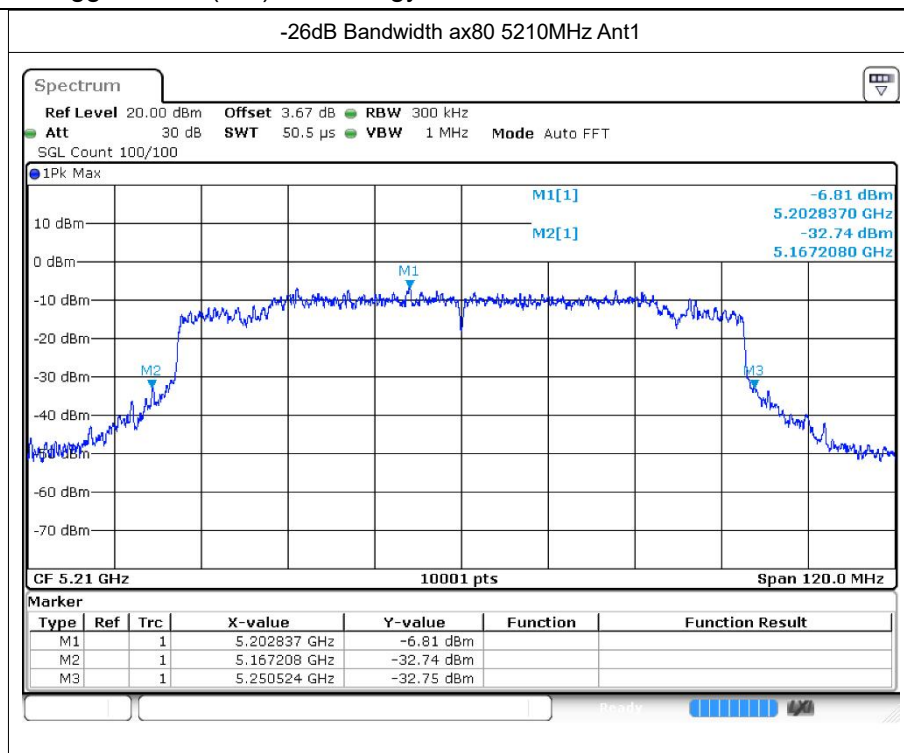


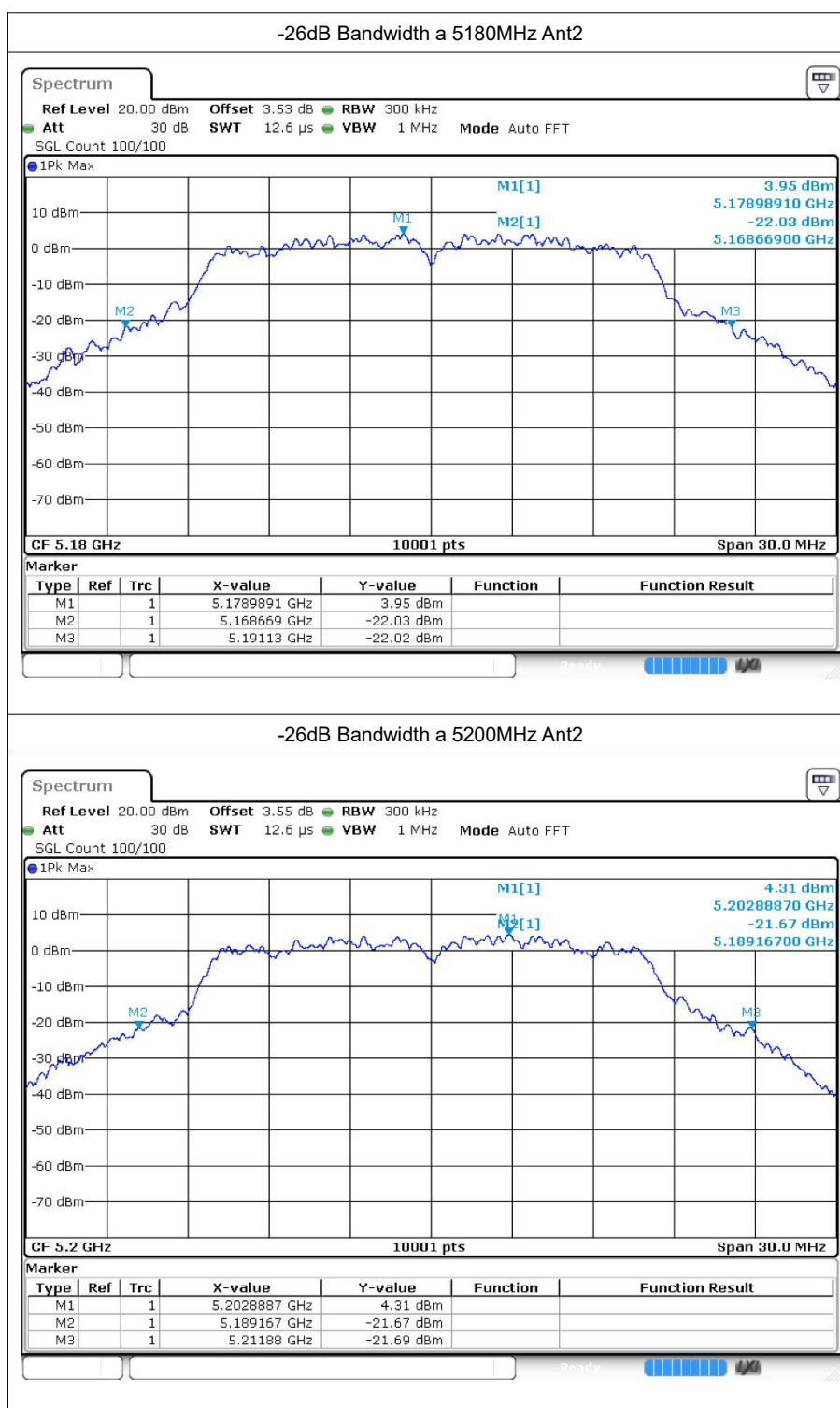
-26dB Bandwidth ax40 5190MHz Ant1

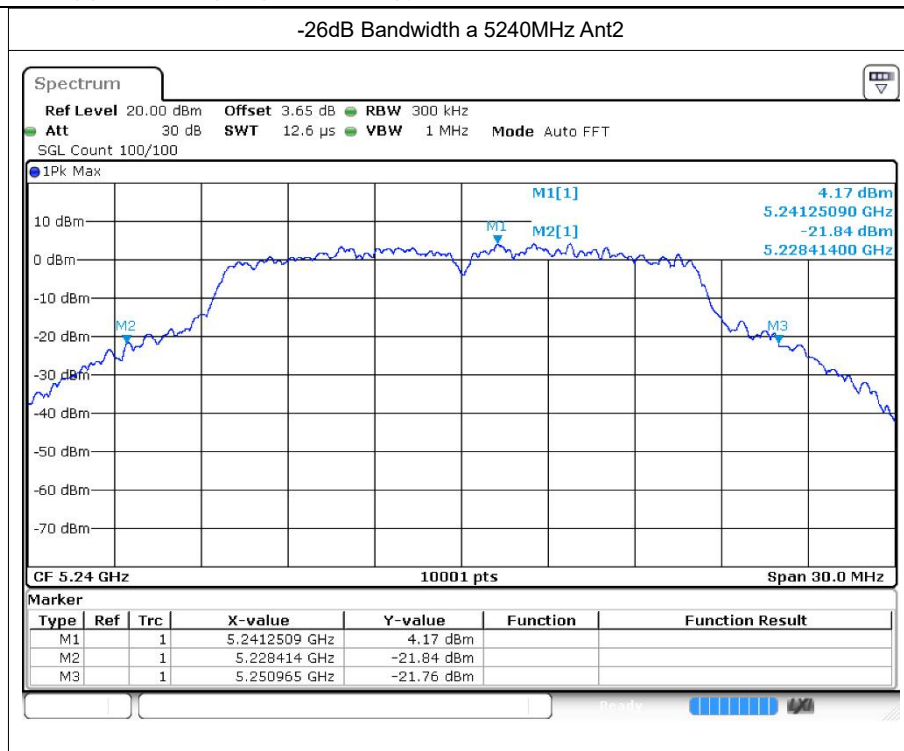


-26dB Bandwidth ax40 5230MHz Ant1

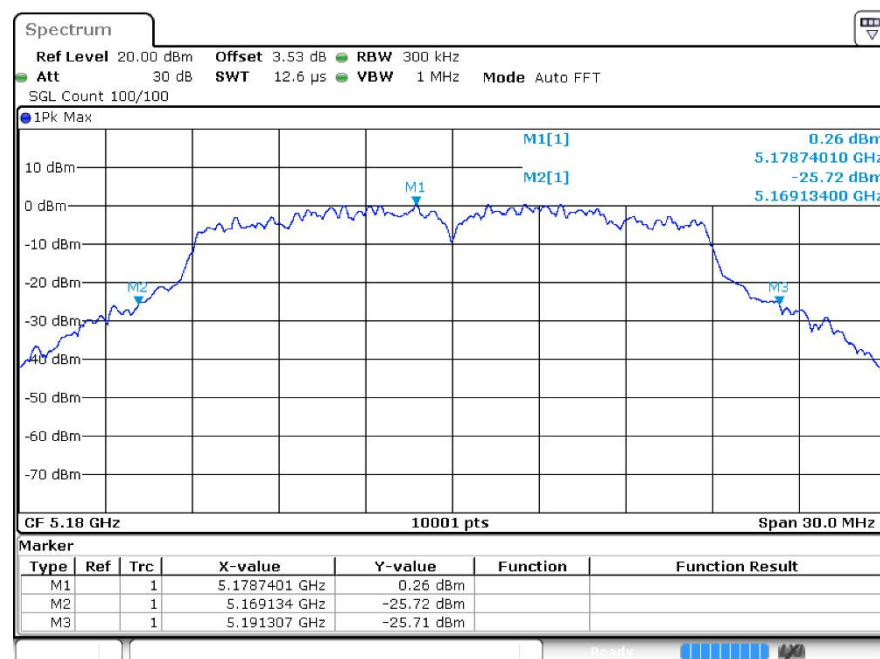




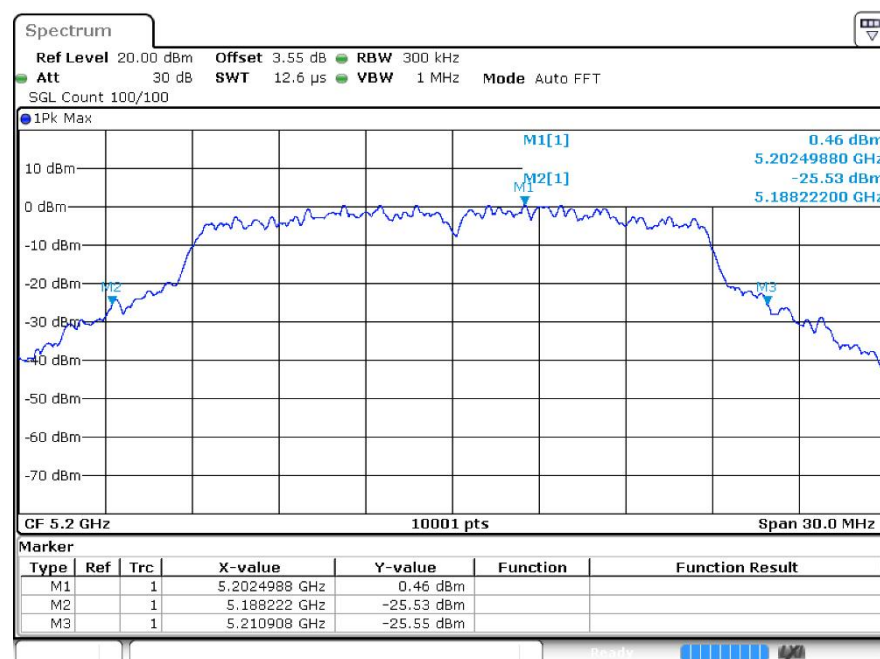


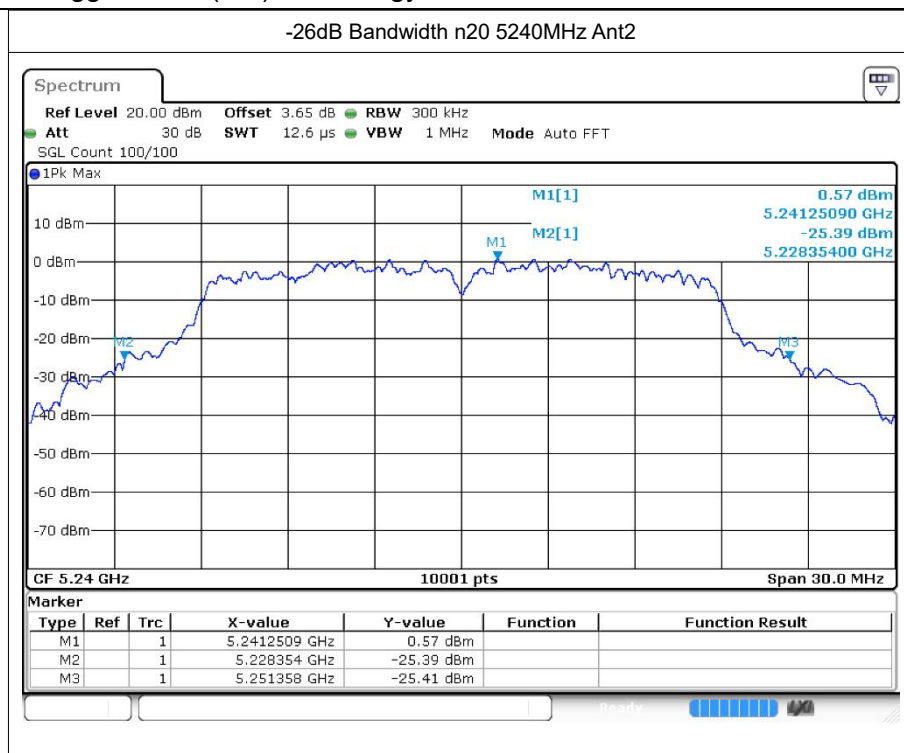


-26dB Bandwidth n20 5180MHz Ant2

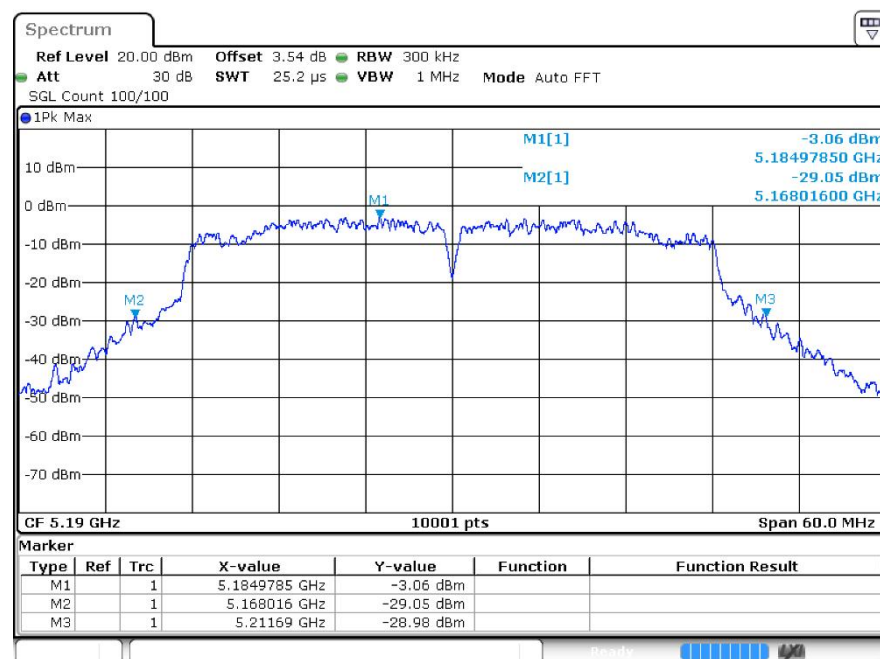


-26dB Bandwidth n20 5200MHz Ant2

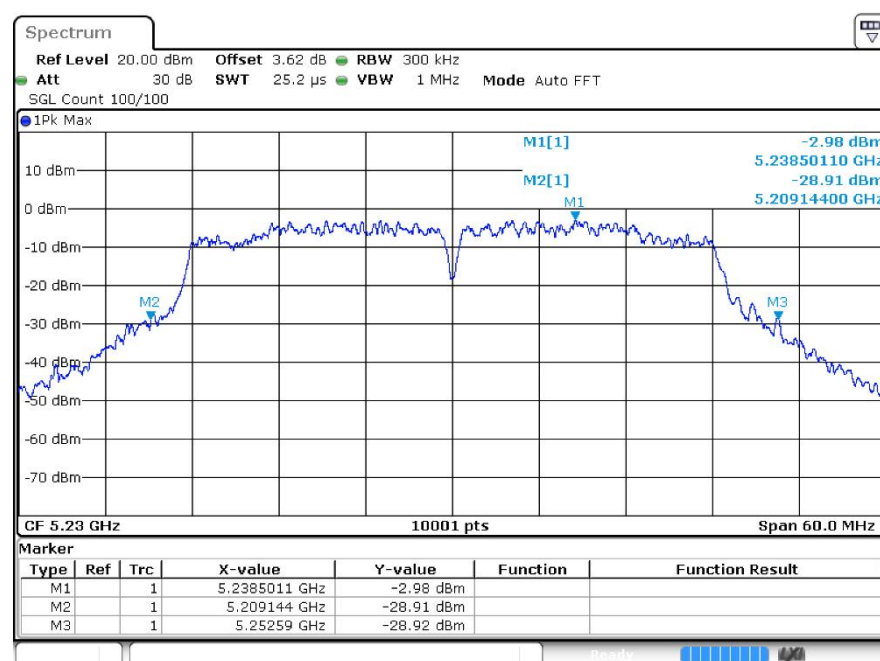




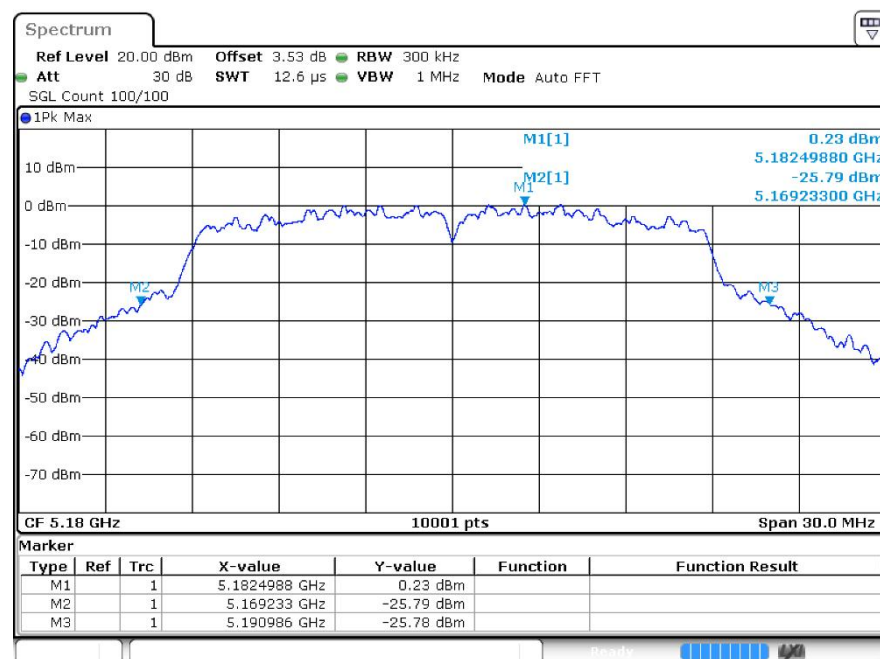
-26dB Bandwidth n40 5190MHz Ant2



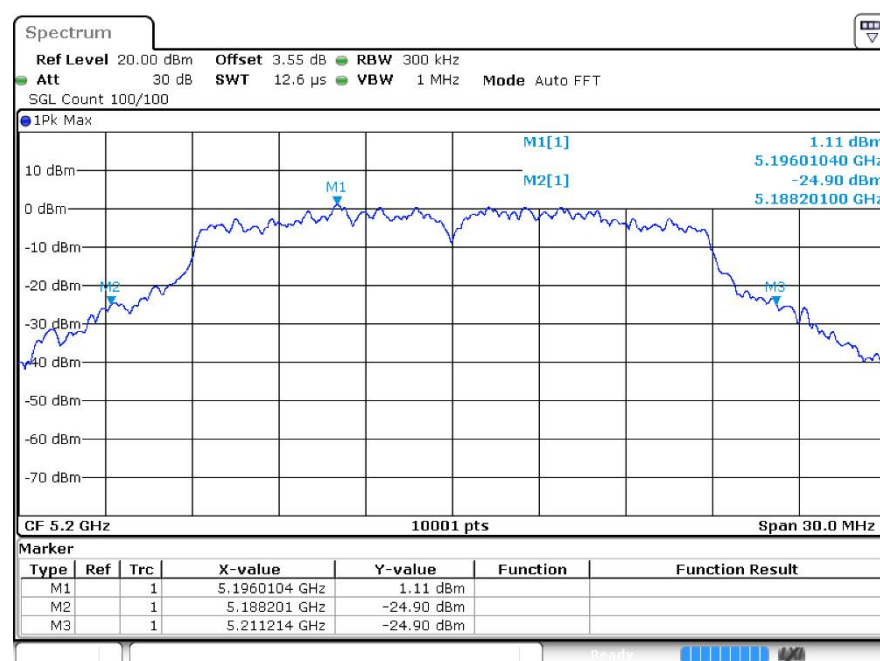
-26dB Bandwidth n40 5230MHz Ant2

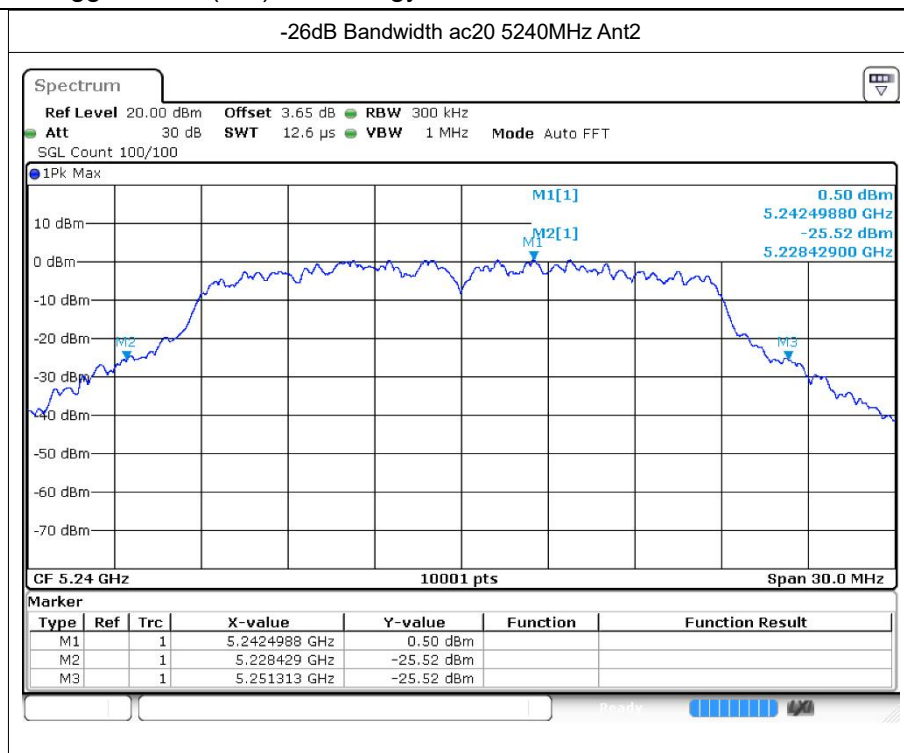


-26dB Bandwidth ac20 5180MHz Ant2

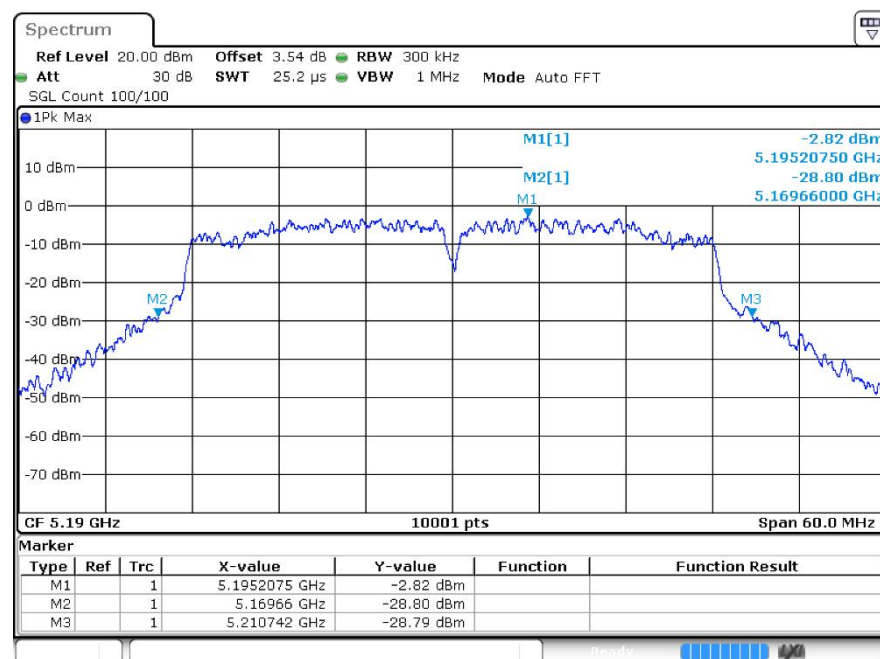


-26dB Bandwidth ac20 5200MHz Ant2

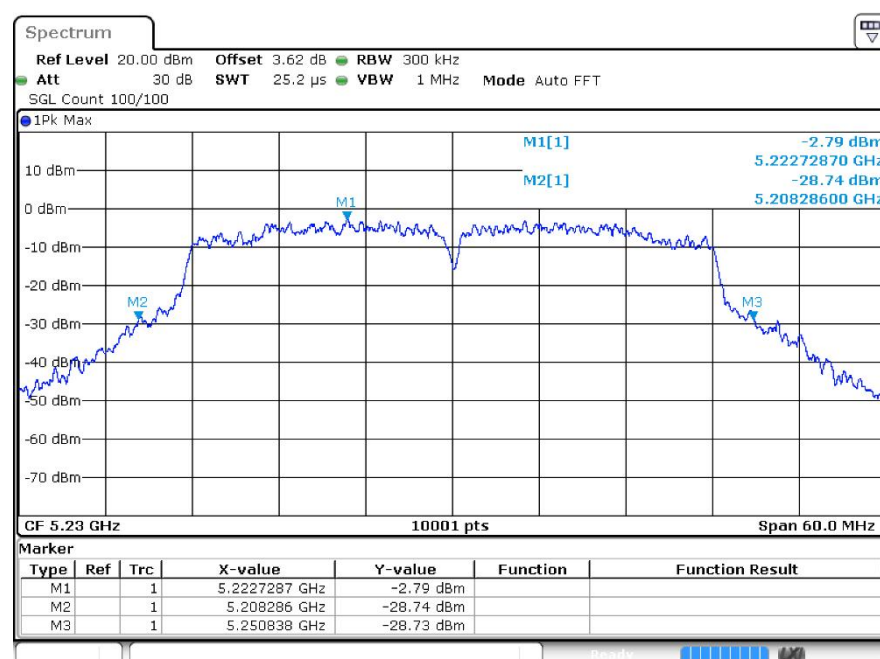


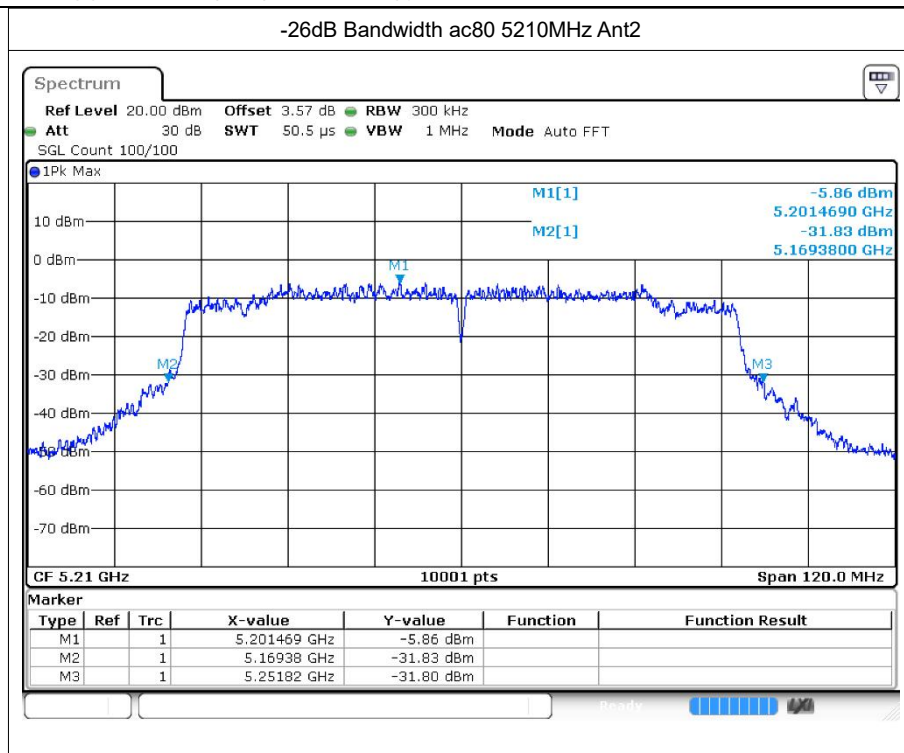


-26dB Bandwidth ac40 5190MHz Ant2

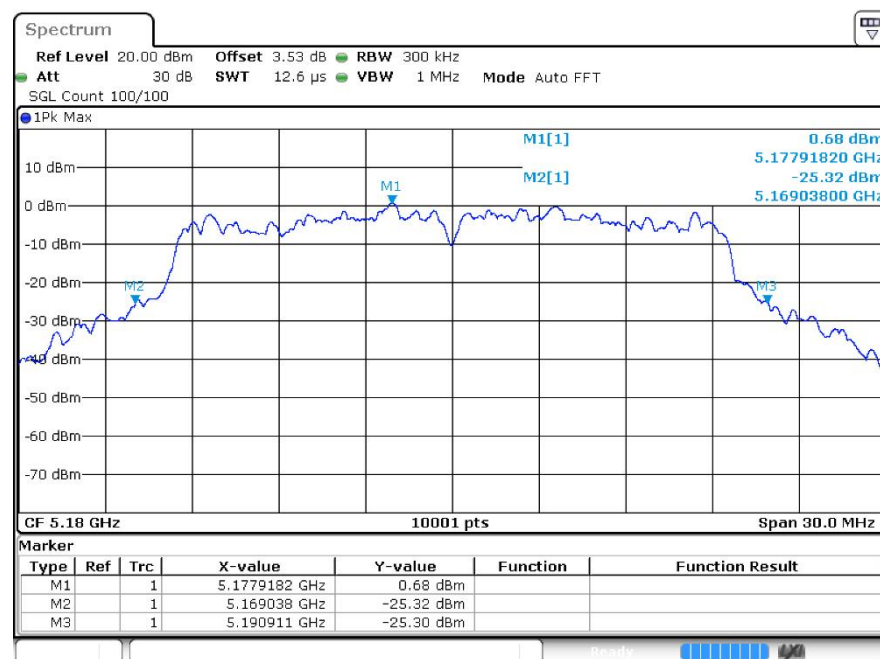


-26dB Bandwidth ac40 5230MHz Ant2

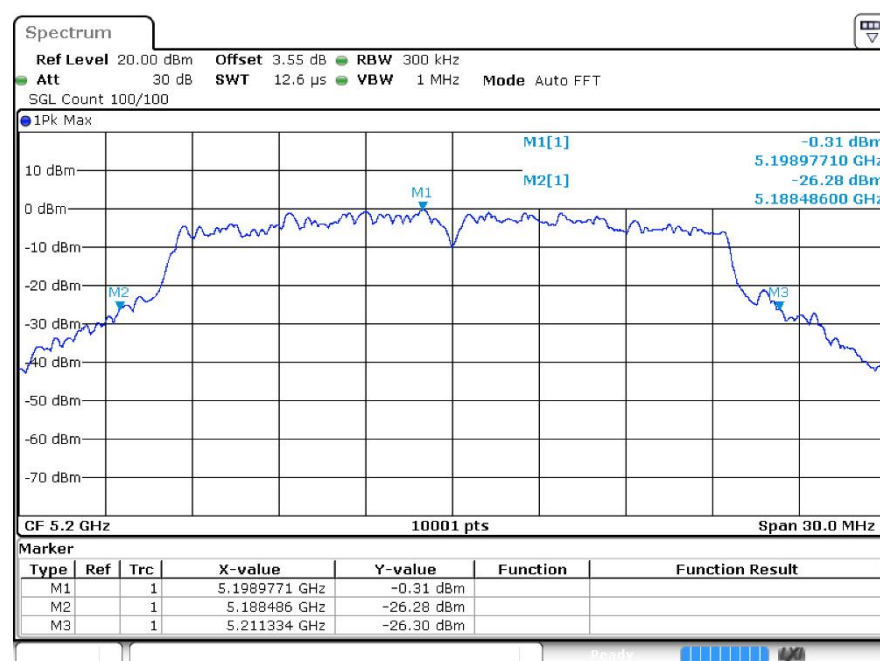


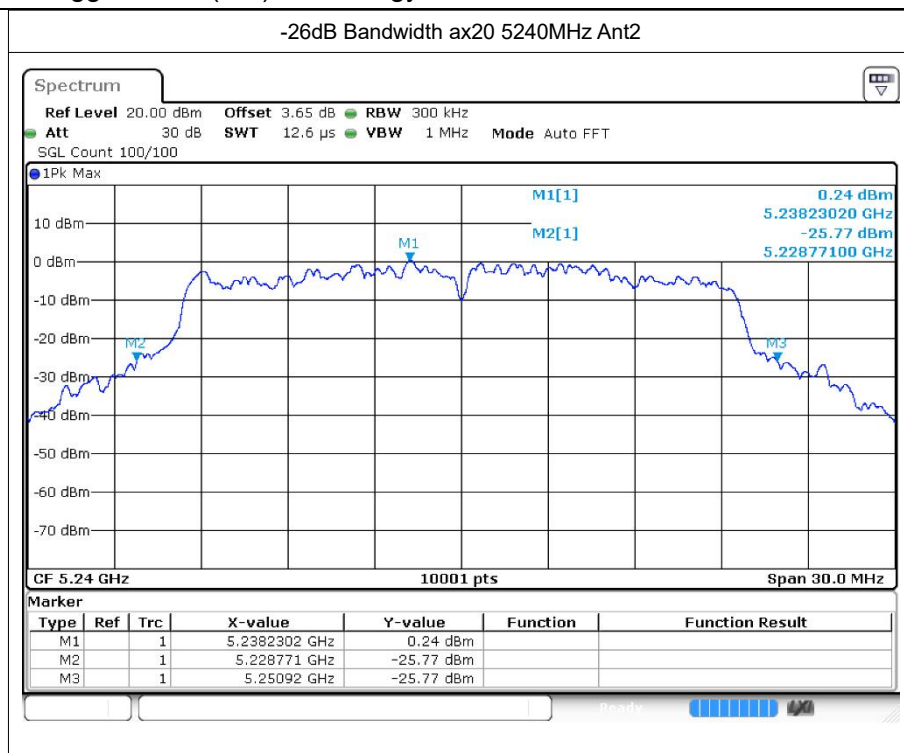


-26dB Bandwidth ax20 5180MHz Ant2

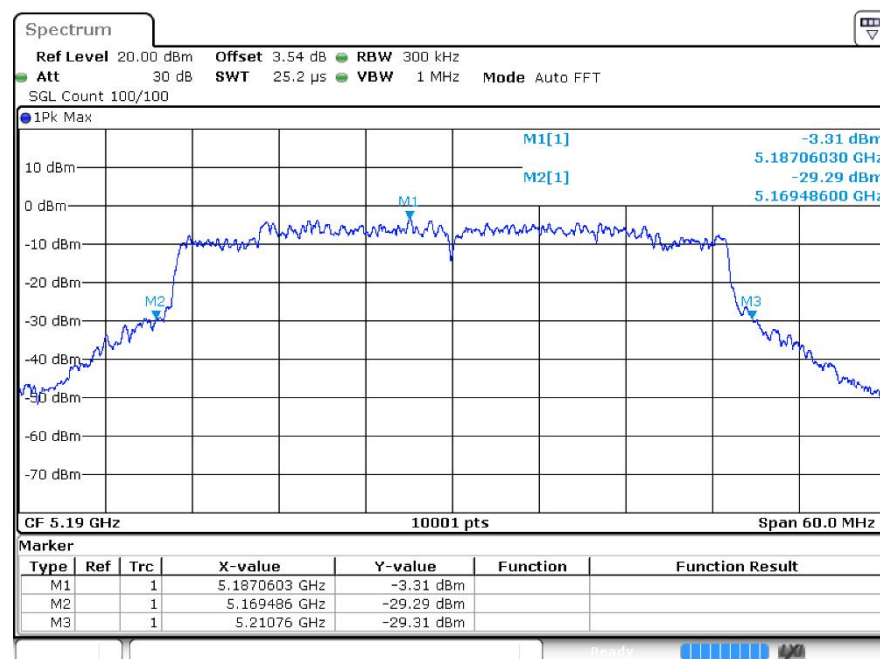


-26dB Bandwidth ax20 5200MHz Ant2

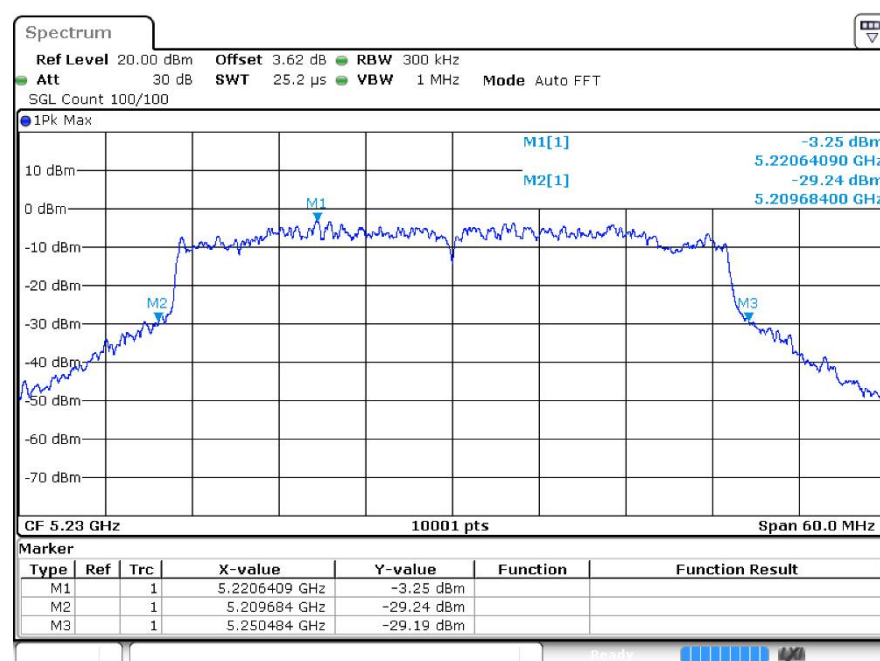


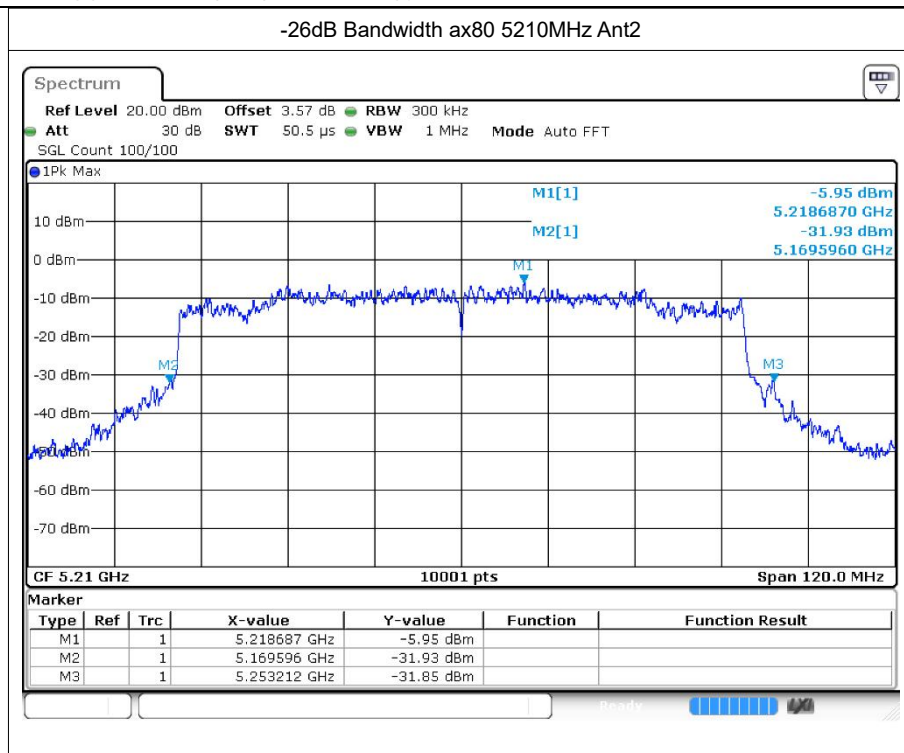


-26dB Bandwidth ax40 5190MHz Ant2



-26dB Bandwidth ax40 5230MHz Ant2





4 Occupied Channel Bandwidth

4.1 Test Result

Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5180	Ant1	16.612
a	5200	Ant1	16.426
a	5240	Ant1	16.39
n20	5180	Ant1	17.569
n20	5200	Ant1	17.551
n20	5240	Ant1	17.632
n40	5190	Ant1	35.918
n40	5230	Ant1	36.14
ac20	5180	Ant1	17.797
ac20	5200	Ant1	17.548
ac20	5240	Ant1	17.533
ac40	5190	Ant1	35.9
ac40	5230	Ant1	35.966
ac80	5210	Ant1	75.088
ax20	5180	Ant1	18.847
ax20	5200	Ant1	18.787
ax20	5240	Ant1	18.775
ax40	5190	Ant1	37.484
ax40	5230	Ant1	37.466
ax80	5210	Ant1	76.36
a	5180	Ant2	16.396
a	5200	Ant2	16.441
a	5240	Ant2	16.48
n20	5180	Ant2	17.701
n20	5200	Ant2	17.635
n20	5240	Ant2	17.608
n40	5190	Ant2	35.972
n40	5230	Ant2	36.206
ac20	5180	Ant2	17.602
ac20	5200	Ant2	17.584
ac20	5240	Ant2	17.575
ac40	5190	Ant2	36.02
ac40	5230	Ant2	35.978
ac80	5210	Ant2	75.088
ax20	5180	Ant2	18.841
ax20	5200	Ant2	18.832



ax20	5240	Ant2	18.763
ax40	5190	Ant2	37.358
ax40	5230	Ant2	37.406
ax80	5210	Ant2	76.624

4.2 Test Graphs

