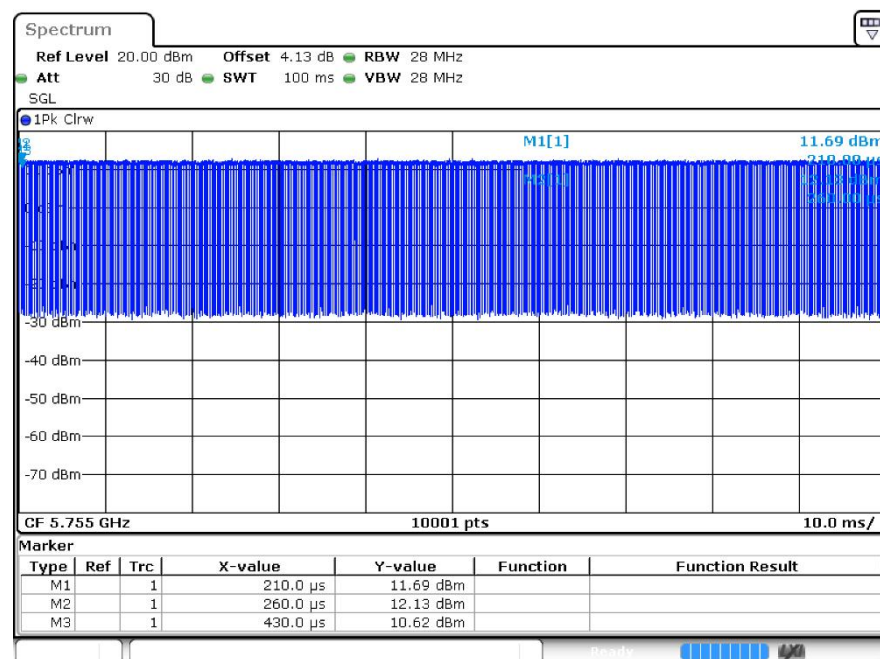
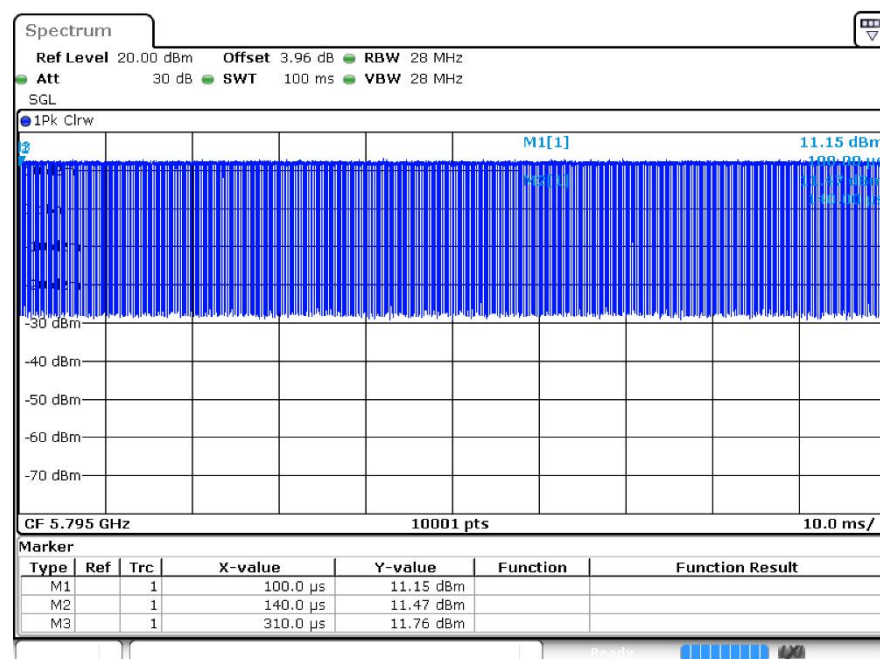


Duty Cycle ax40 5755MHz Ant2



Duty Cycle ax40 5795MHz Ant2



2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
a	5745	Ant1	15.34	30	Pass
a	5785	Ant1	14.62	30	Pass
a	5825	Ant1	15.36	30	Pass
a	5745	Ant2	15.63	30	Pass
a	5785	Ant2	15.87	30	Pass
a	5825	Ant2	14.99	30	Pass
n20	5745	Ant1	11.3	30	Pass
n20	5745	Ant2	11.51	30	Pass
n20	5745	Sum	14.42	30	Pass
n20	5785	Ant1	10.7	30	Pass
n20	5785	Ant2	11.78	30	Pass
n20	5785	Sum	14.28	30	Pass
n20	5825	Ant1	11.14	30	Pass
n20	5825	Ant2	10.94	30	Pass
n20	5825	Sum	14.05	30	Pass
n40	5755	Ant1	11.18	30	Pass
n40	5755	Ant2	11.67	30	Pass
n40	5755	Sum	14.44	30	Pass
n40	5795	Ant1	10.68	30	Pass
n40	5795	Ant2	11.83	30	Pass
n40	5795	Sum	14.30	30	Pass
ac20	5745	Ant1	11.15	30	Pass
ac20	5745	Ant2	11.62	30	Pass
ac20	5745	Sum	14.40	30	Pass
ac20	5785	Ant1	10.58	30	Pass
ac20	5785	Ant2	11.85	30	Pass
ac20	5785	Sum	14.27	30	Pass
ac20	5825	Ant1	11.21	30	Pass
ac20	5825	Ant2	11	30	Pass
ac20	5825	Sum	14.12	30	Pass
ac40	5755	Ant1	11.14	30	Pass
ac40	5755	Ant2	11.6	30	Pass
ac40	5755	Sum	14.39	30	Pass
ac40	5795	Ant1	10.74	30	Pass
ac40	5795	Ant2	11.91	30	Pass
ac40	5795	Sum	14.37	30	Pass



ac80	5775	Ant1	11.23	30	Pass
ac80	5775	Ant2	12	30	Pass
ac80	5775	Sum	14.64	30	Pass
ax20	5745	Ant1	11.42	30	Pass
ax20	5745	Ant2	11.8	30	Pass
ax20	5745	Sum	14.62	30	Pass
ax20	5785	Ant1	10.85	30	Pass
ax20	5785	Ant2	12.02	30	Pass
ax20	5785	Sum	14.48	30	Pass
ax20	5825	Ant1	11.4	30	Pass
ax20	5825	Ant2	11.3	30	Pass
ax20	5825	Sum	14.36	30	Pass
ax40	5755	Ant1	11.4	30	Pass
ax40	5755	Ant2	11.79	30	Pass
ax40	5755	Sum	14.61	30	Pass
ax40	5795	Ant1	10.72	30	Pass
ax40	5795	Ant2	11.92	30	Pass
ax40	5795	Sum	14.37	30	Pass
ax80	5775	Ant1	11.26	30	Pass
ax80	5775	Ant2	12	30	Pass
ax80	5775	Sum	14.66	30	Pass

Note:

The duty factor has been compensated into the result.

3 -6dB Bandwidth

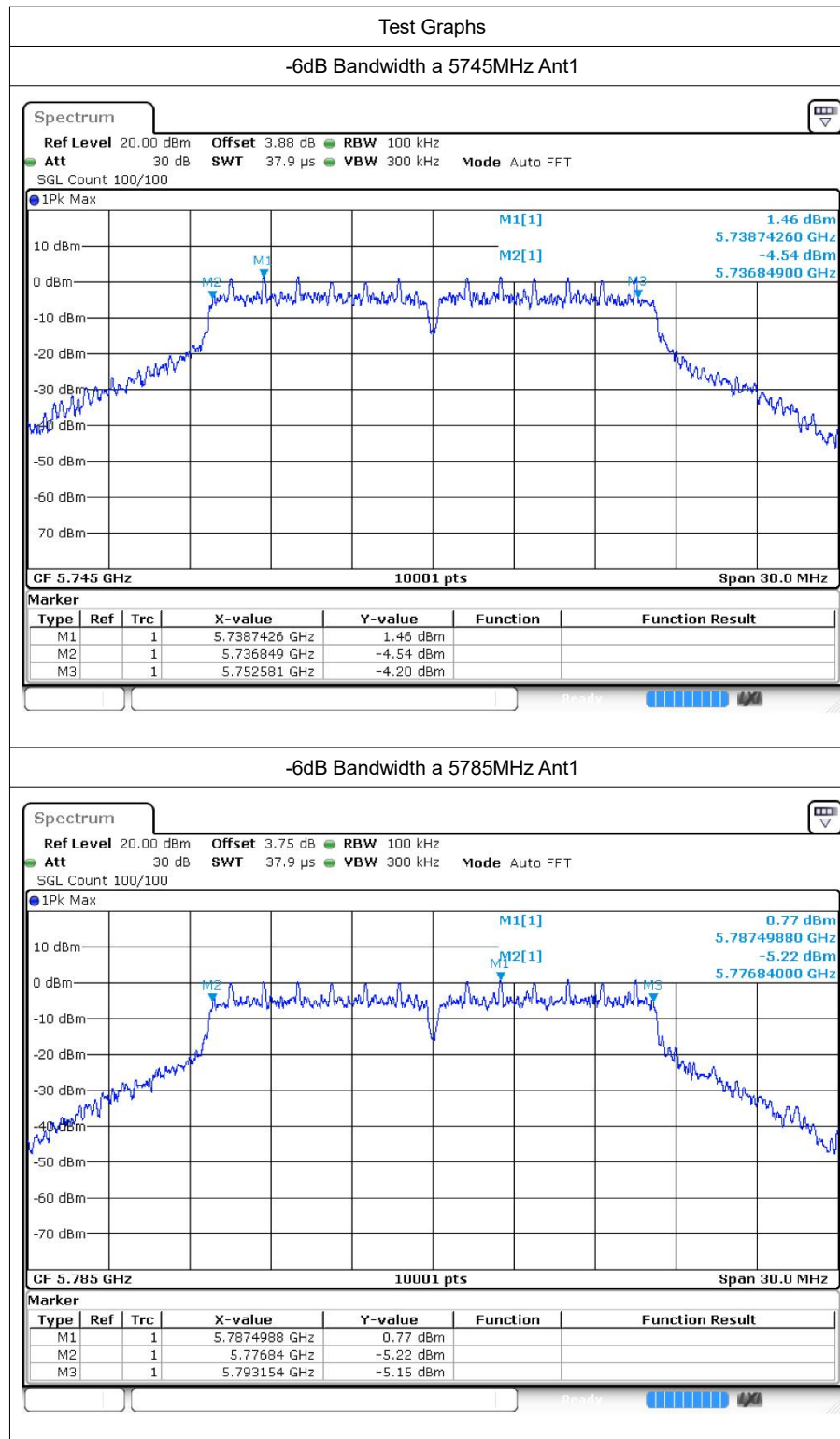
3.1 Test Result

Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a	5745	Ant1	15.732	0.5	Pass
a	5785	Ant1	16.314	0.5	Pass
a	5825	Ant1	16.296	0.5	Pass
n20	5745	Ant1	17.565	0.5	Pass
n20	5785	Ant1	17.538	0.5	Pass
n20	5825	Ant1	16.92	0.5	Pass
n40	5755	Ant1	35.712	0.5	Pass
n40	5795	Ant1	36.3	0.5	Pass
ac20	5745	Ant1	17.289	0.5	Pass
ac20	5785	Ant1	17.535	0.5	Pass
ac20	5825	Ant1	17.541	0.5	Pass
ac40	5755	Ant1	36.078	0.5	Pass
ac40	5795	Ant1	36.294	0.5	Pass
ac80	5775	Ant1	75.06	0.5	Pass
ax20	5745	Ant1	17.814	0.5	Pass
ax20	5785	Ant1	17.946	0.5	Pass
ax20	5825	Ant1	17.838	0.5	Pass
ax40	5755	Ant1	37.62	0.5	Pass
ax40	5795	Ant1	37.77	0.5	Pass
ax80	5775	Ant1	75.072	0.5	Pass
a	5745	Ant2	16.326	0.5	Pass
a	5785	Ant2	16.305	0.5	Pass
a	5825	Ant2	16.29	0.5	Pass
n20	5745	Ant2	17.571	0.5	Pass
n20	5785	Ant2	17.556	0.5	Pass
n20	5825	Ant2	17.307	0.5	Pass
n40	5755	Ant2	36.318	0.5	Pass
n40	5795	Ant2	36.288	0.5	Pass
ac20	5745	Ant2	17.388	0.5	Pass
ac20	5785	Ant2	16.935	0.5	Pass
ac20	5825	Ant2	17.529	0.5	Pass
ac40	5755	Ant2	36.276	0.5	Pass
ac40	5795	Ant2	36.066	0.5	Pass
ac80	5775	Ant2	71.292	0.5	Pass
ax20	5745	Ant2	17.724	0.5	Pass
ax20	5785	Ant2	18	0.5	Pass
ax20	5825	Ant2	18.09	0.5	Pass

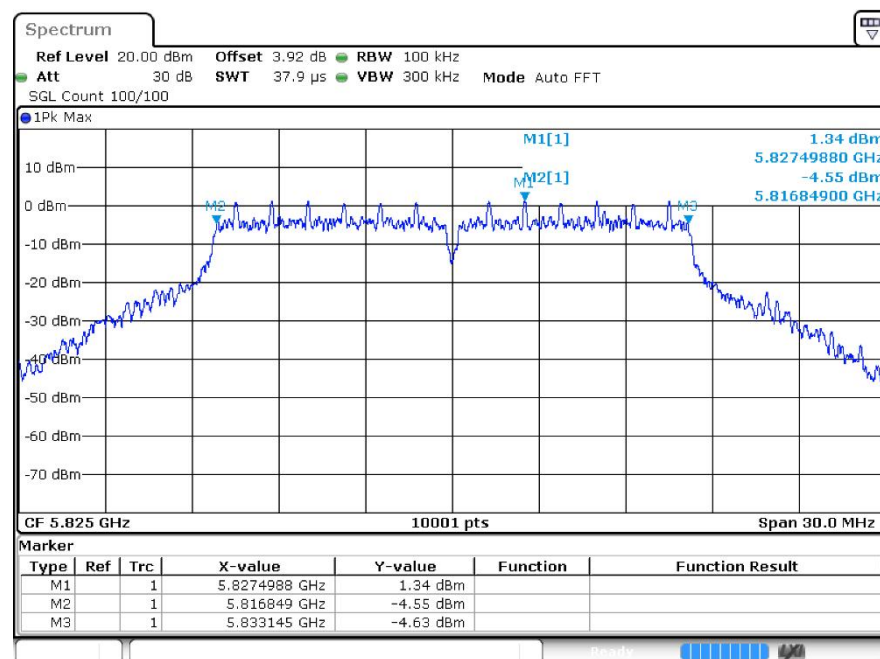


ax40	5755	Ant2	37.728	0.5	Pass
ax40	5795	Ant2	37.554	0.5	Pass
ax80	5775	Ant2	75.036	0.5	Pass

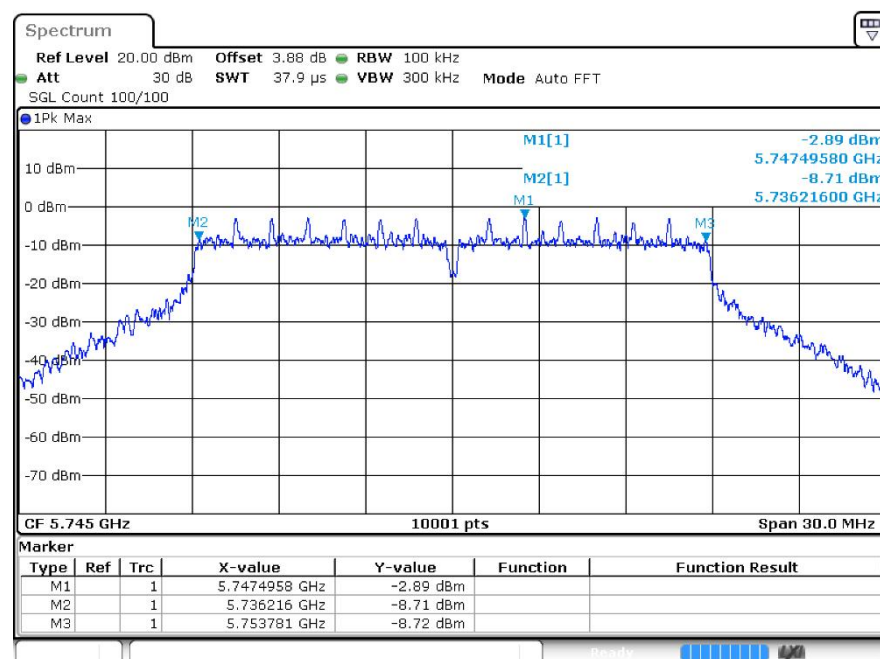
3.2 Test Graphs



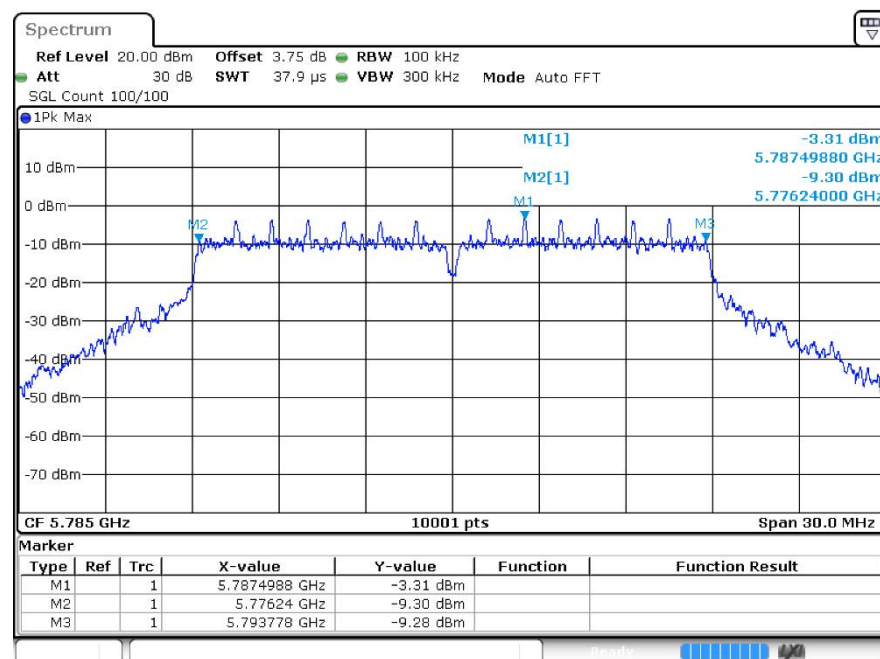
-6dB Bandwidth a 5825MHz Ant1



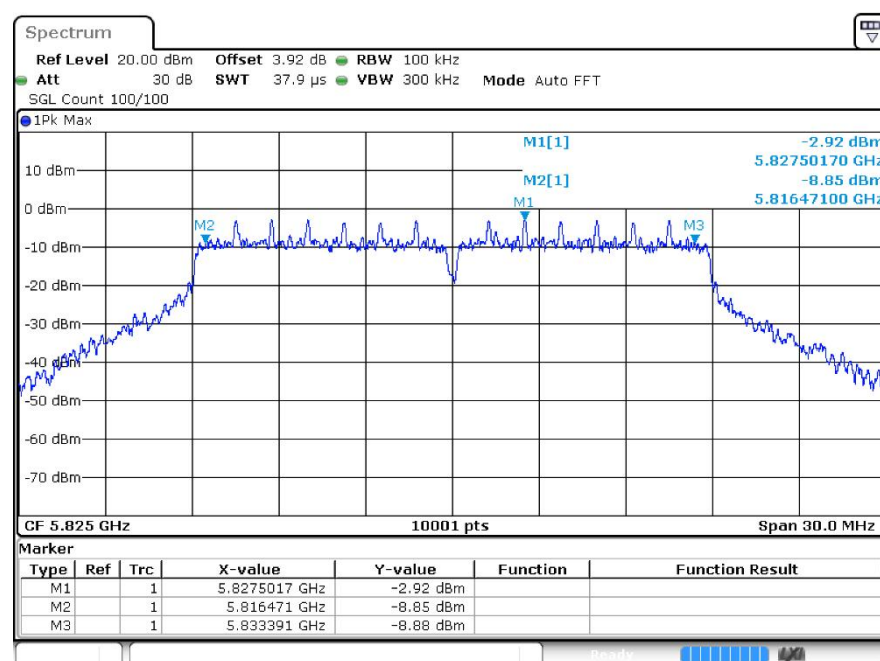
-6dB Bandwidth n20 5745MHz Ant1



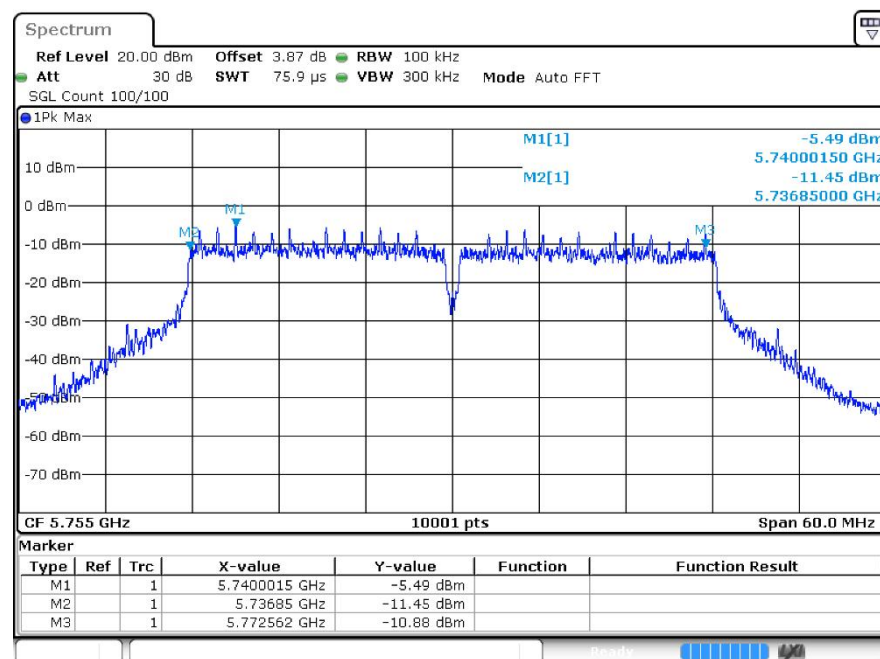
-6dB Bandwidth n20 5785MHz Ant1



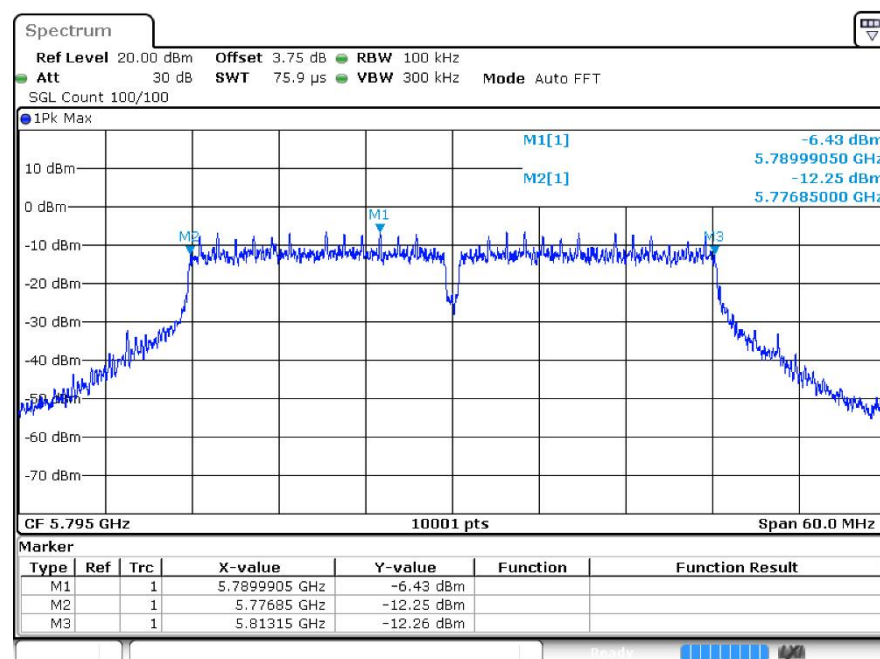
-6dB Bandwidth n20 5825MHz Ant1



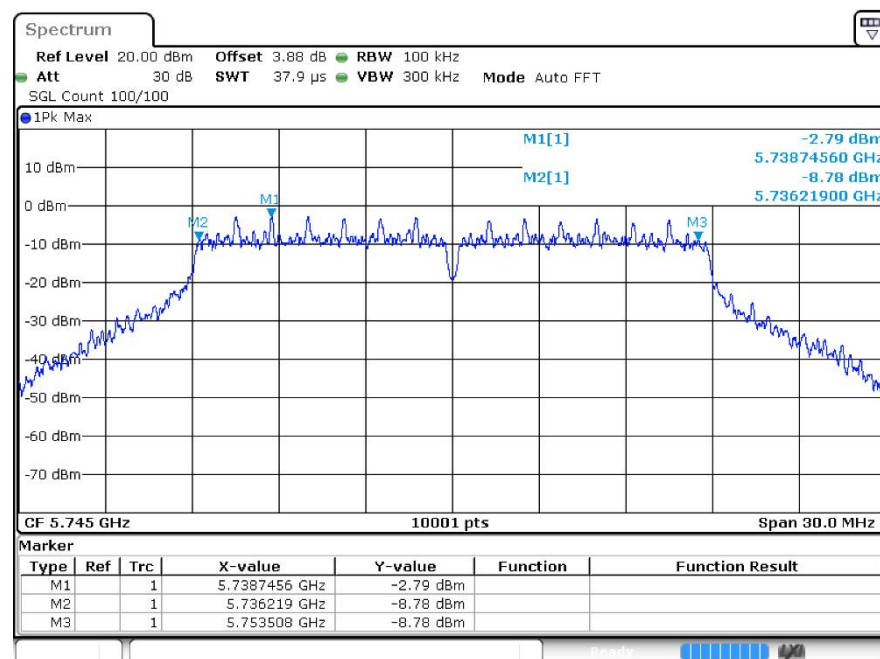
-6dB Bandwidth n40 5755MHz Ant1



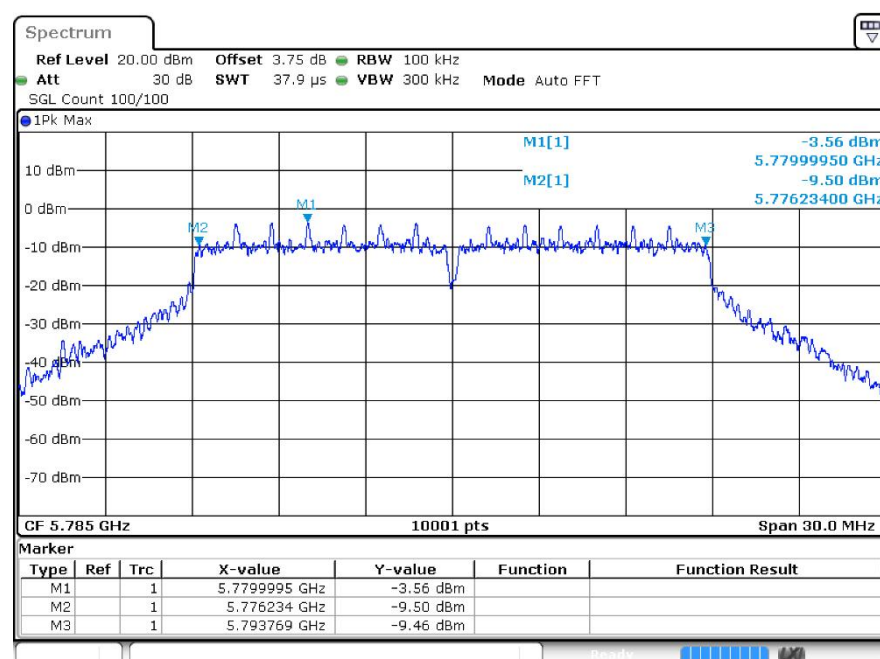
-6dB Bandwidth n40 5795MHz Ant1



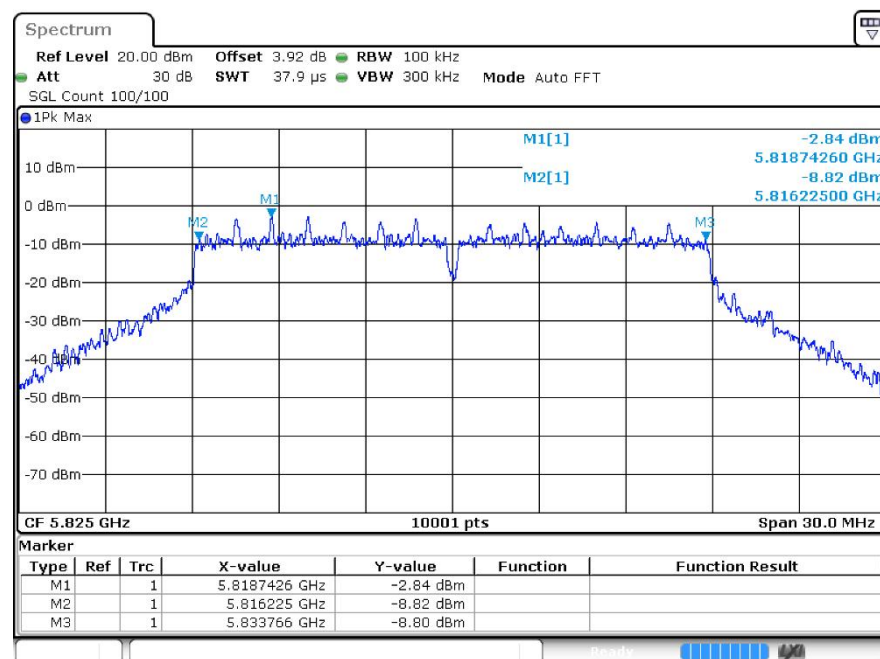
-6dB Bandwidth ac20 5745MHz Ant1



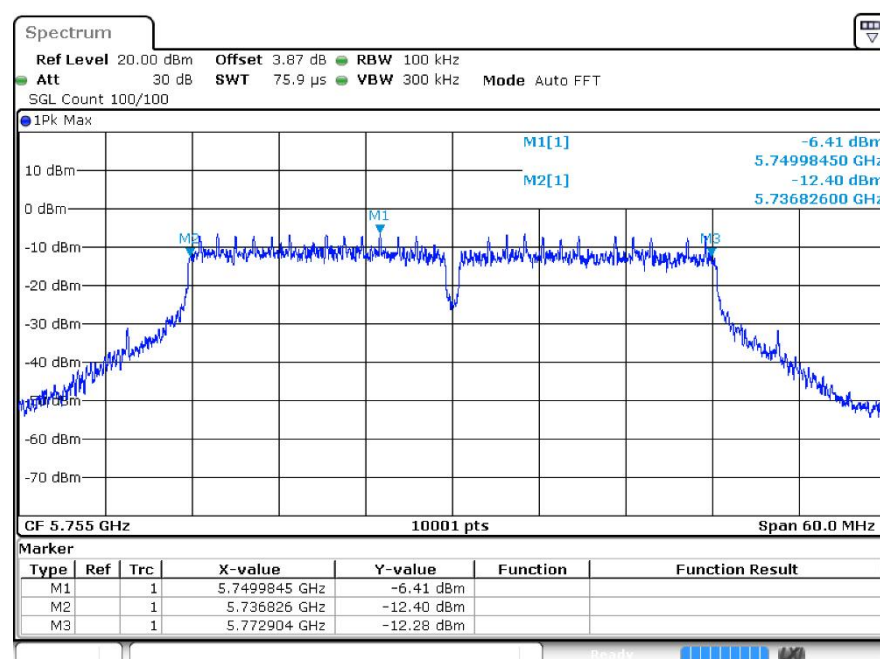
-6dB Bandwidth ac20 5785MHz Ant1



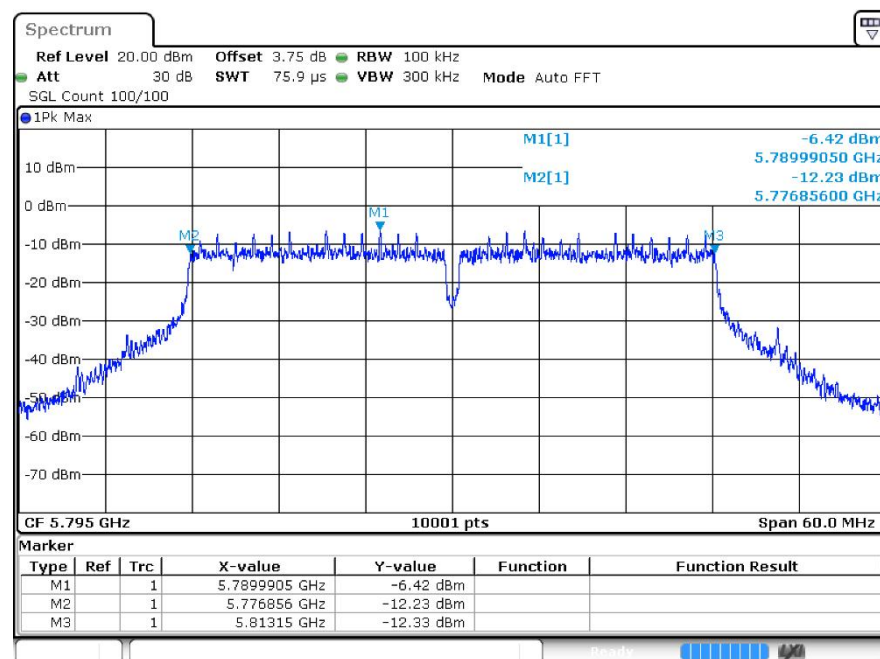
-6dB Bandwidth ac20 5825MHz Ant1



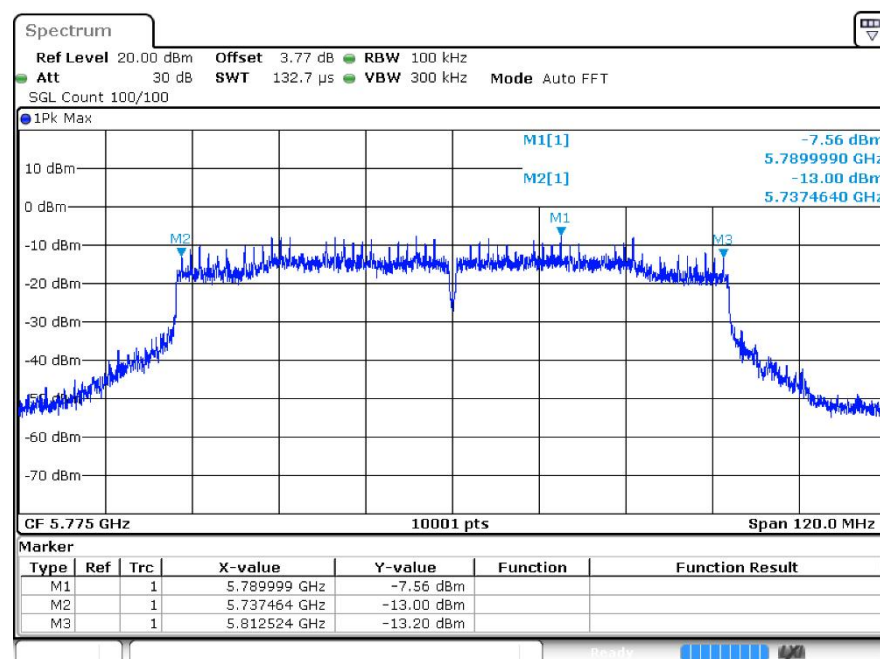
-6dB Bandwidth ac40 5755MHz Ant1



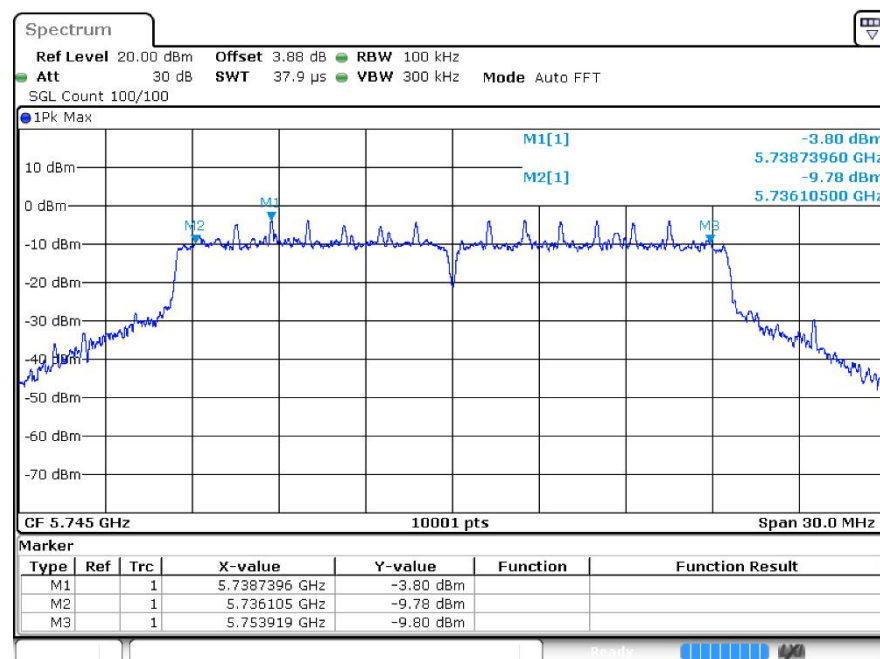
-6dB Bandwidth ac40 5795MHz Ant1



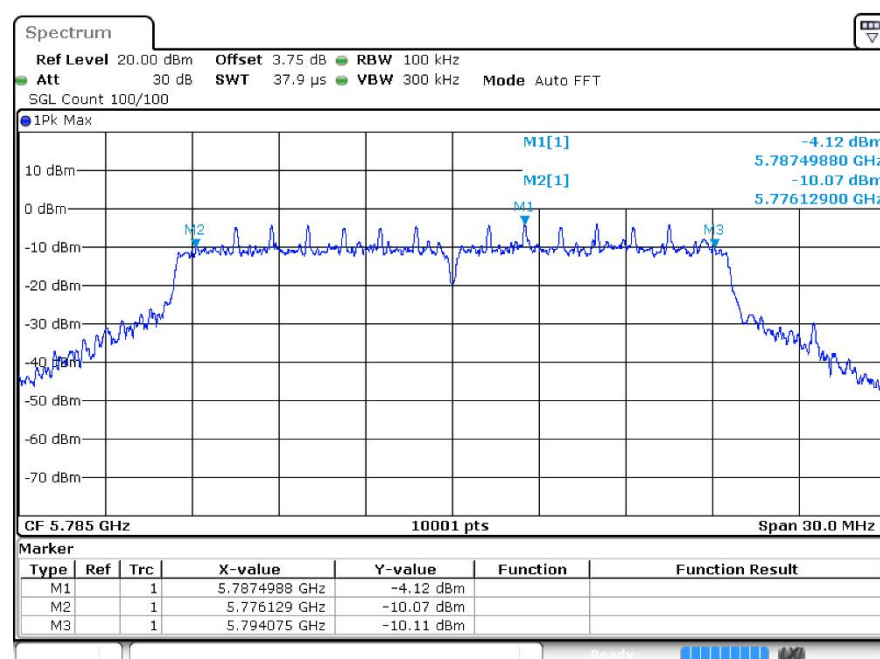
-6dB Bandwidth ac80 5775MHz Ant1



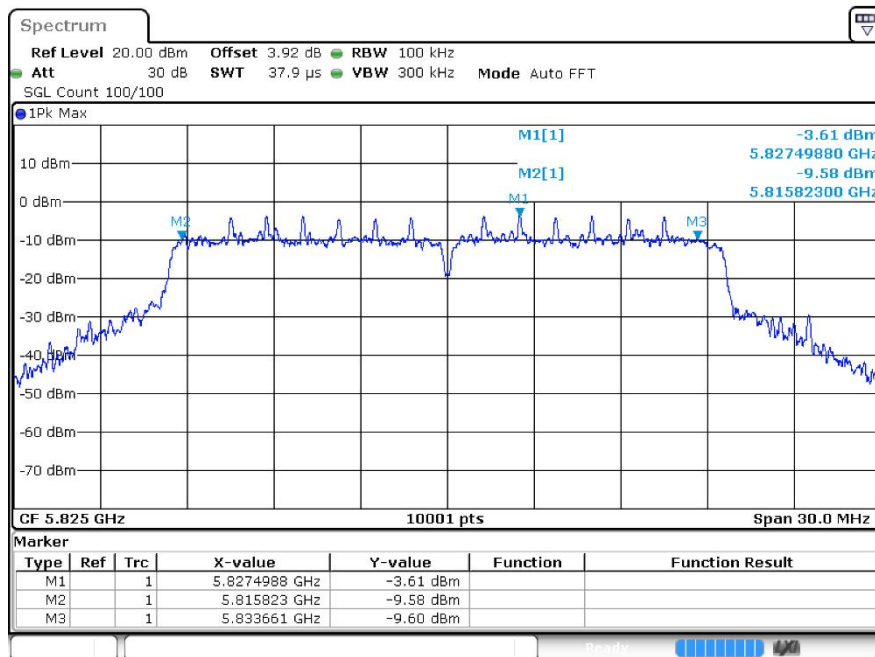
-6dB Bandwidth ax20 5745MHz Ant1



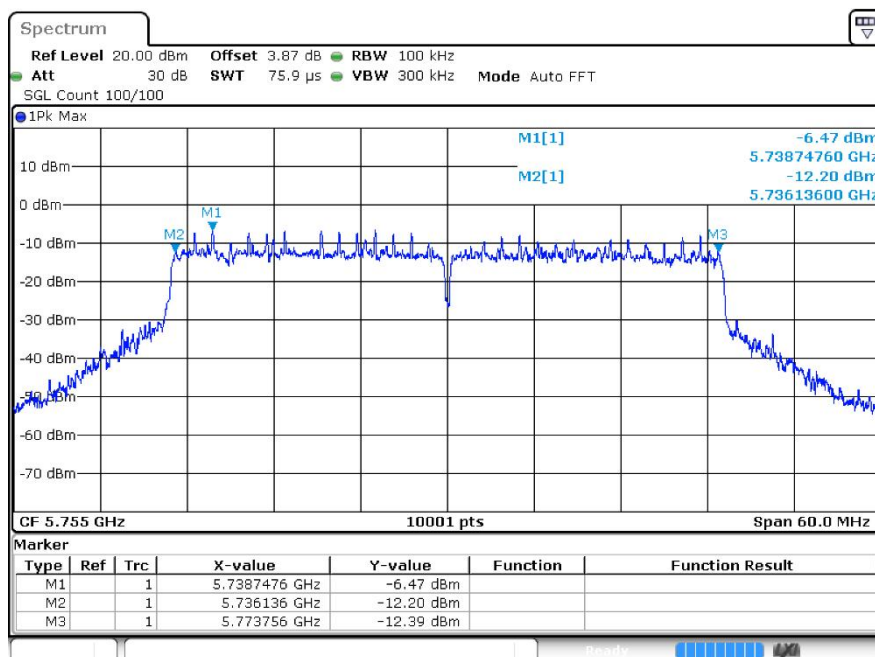
-6dB Bandwidth ax20 5785MHz Ant1



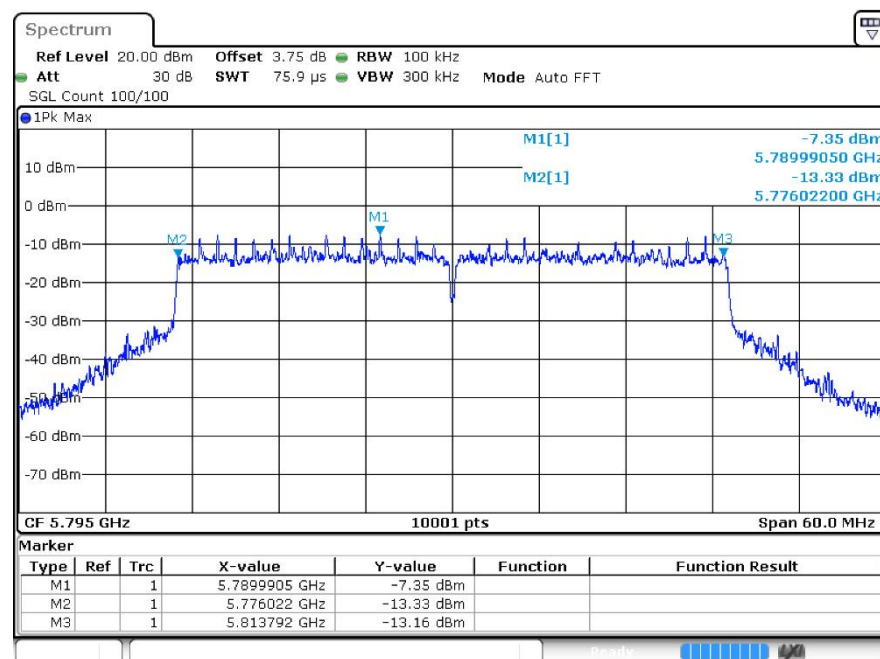
-6dB Bandwidth ax20 5825MHz Ant1



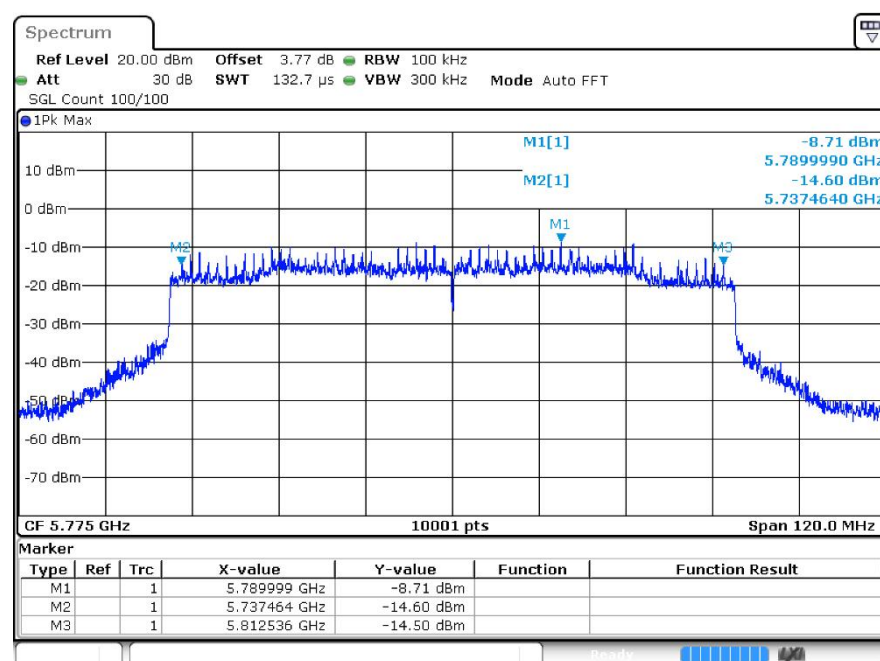
-6dB Bandwidth ax40 5755MHz Ant1



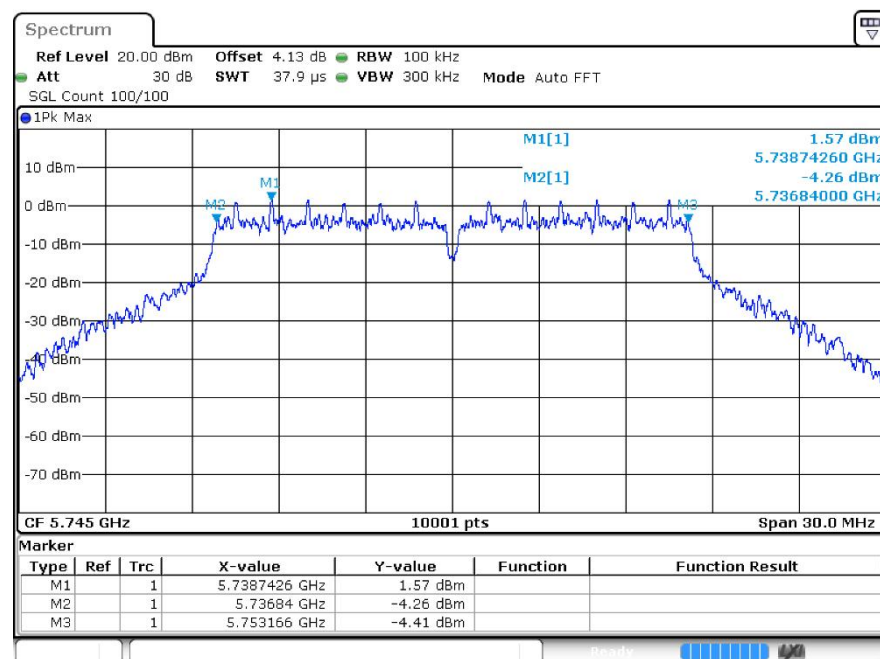
-6dB Bandwidth ax40 5795MHz Ant1



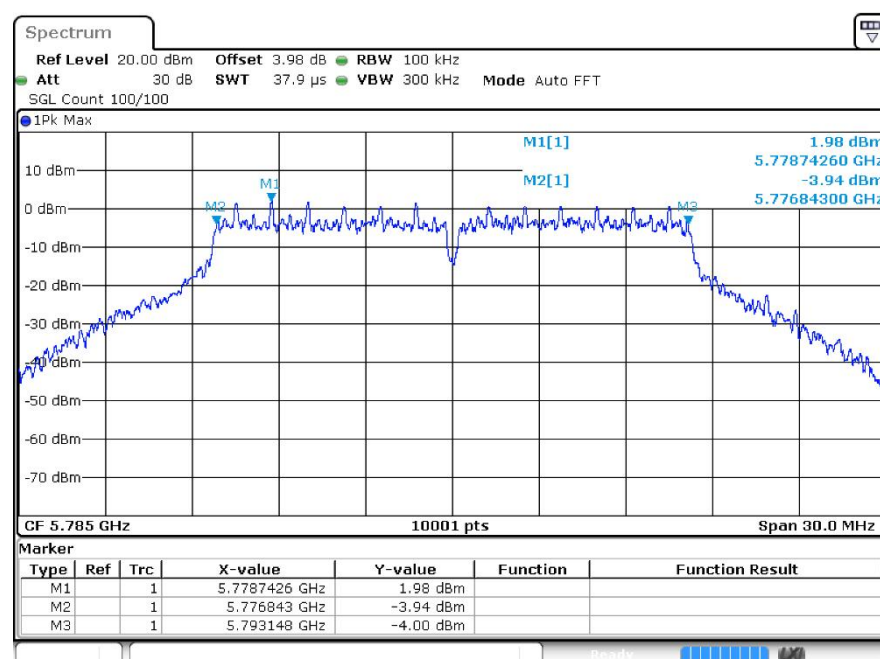
-6dB Bandwidth ax80 5775MHz Ant1



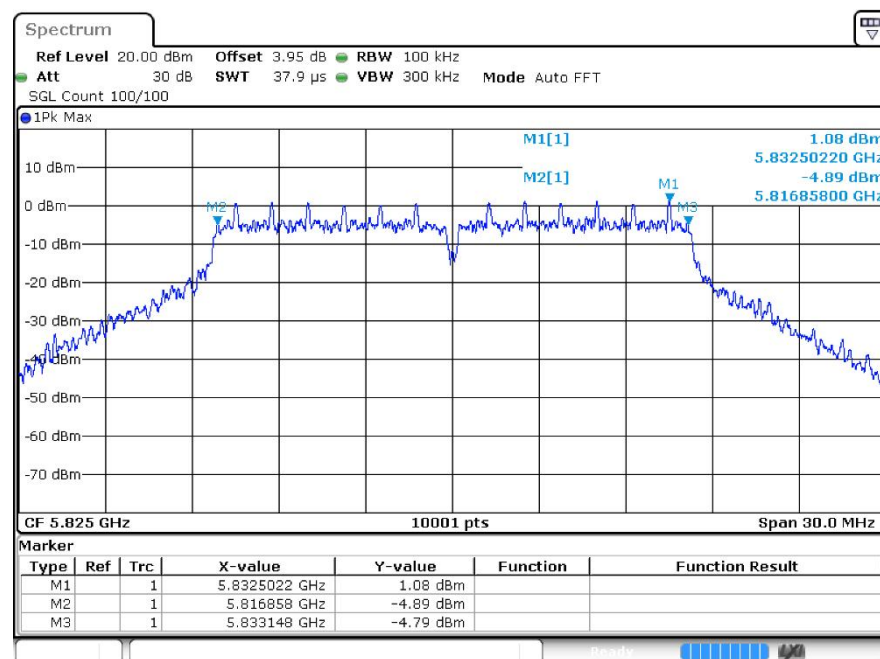
-6dB Bandwidth a 5745MHz Ant2



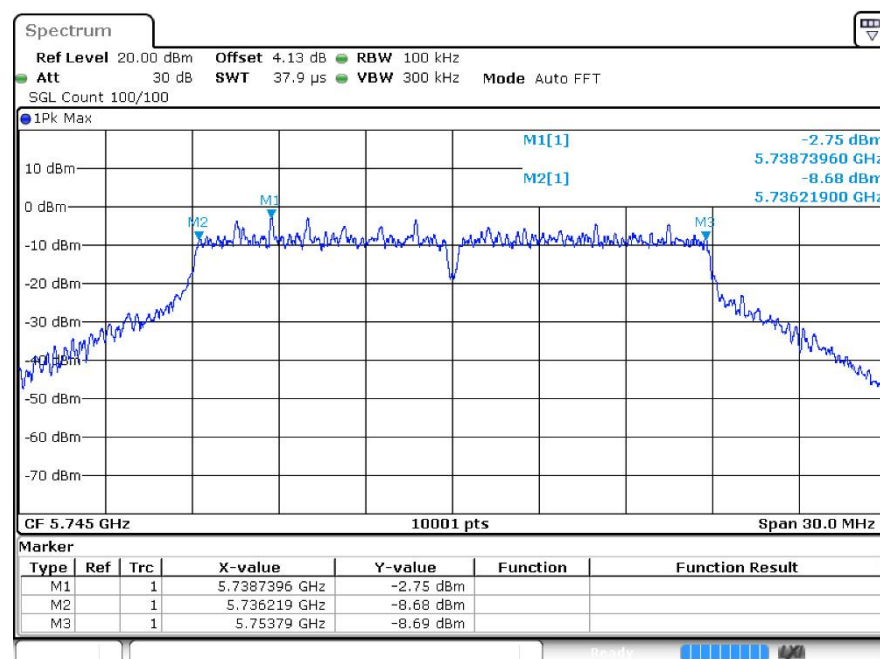
-6dB Bandwidth a 5785MHz Ant2



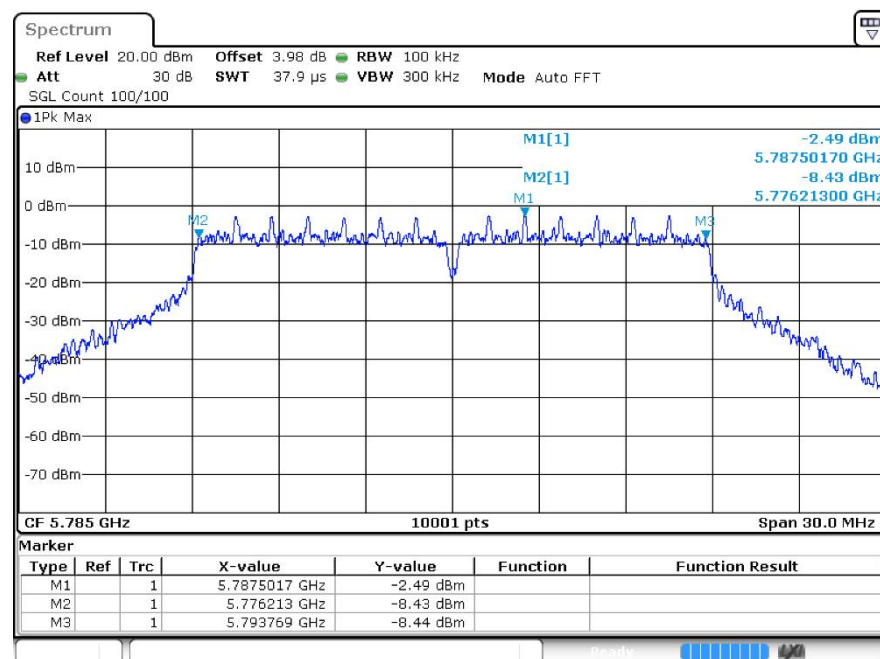
-6dB Bandwidth a 5825MHz Ant2



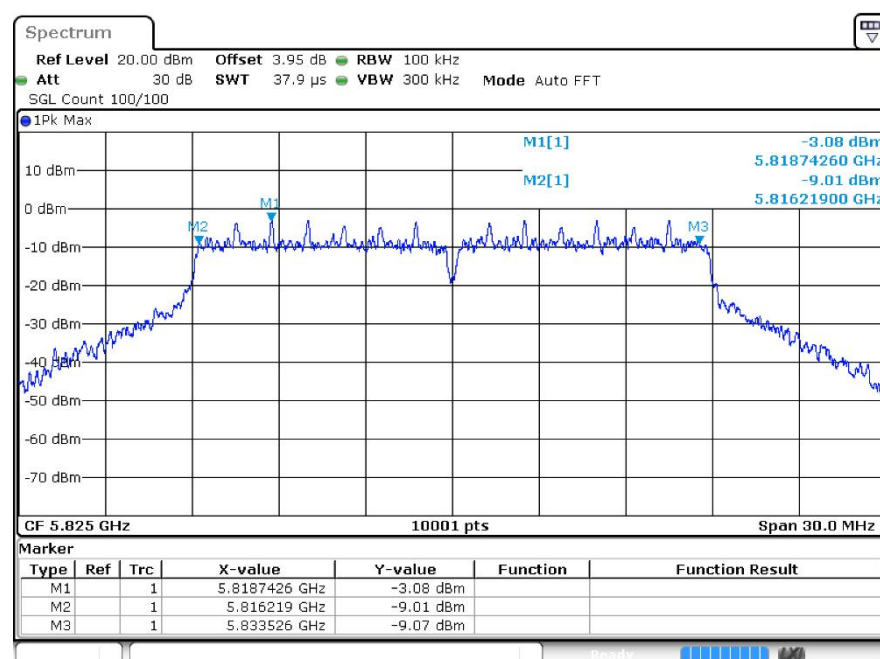
-6dB Bandwidth n20 5745MHz Ant2



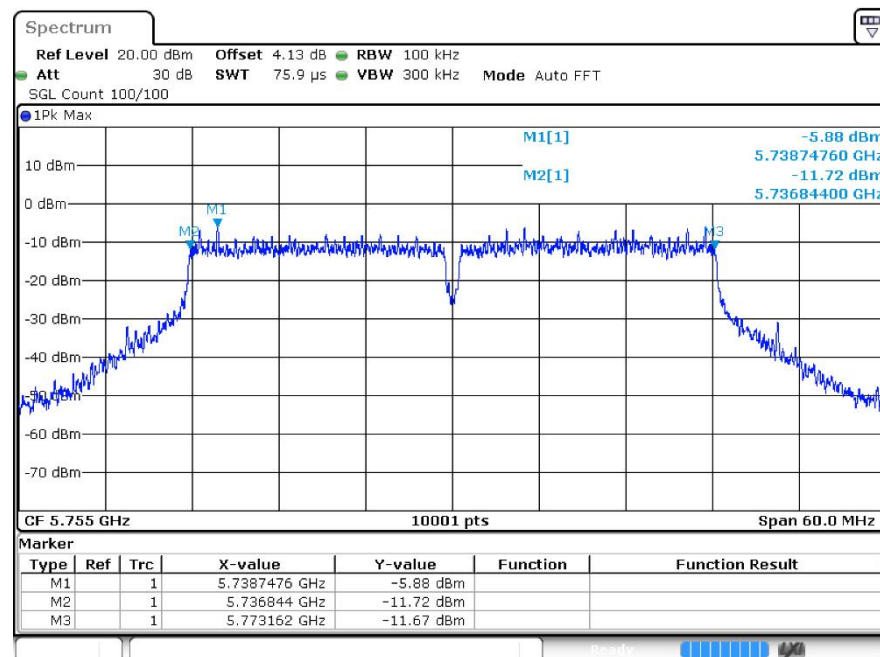
-6dB Bandwidth n20 5785MHz Ant2



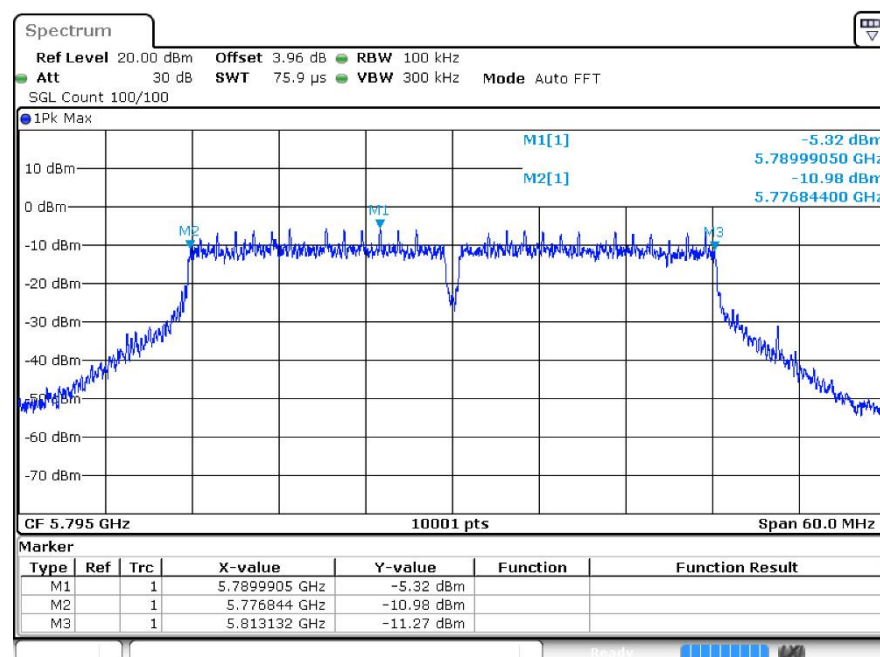
-6dB Bandwidth n20 5825MHz Ant2



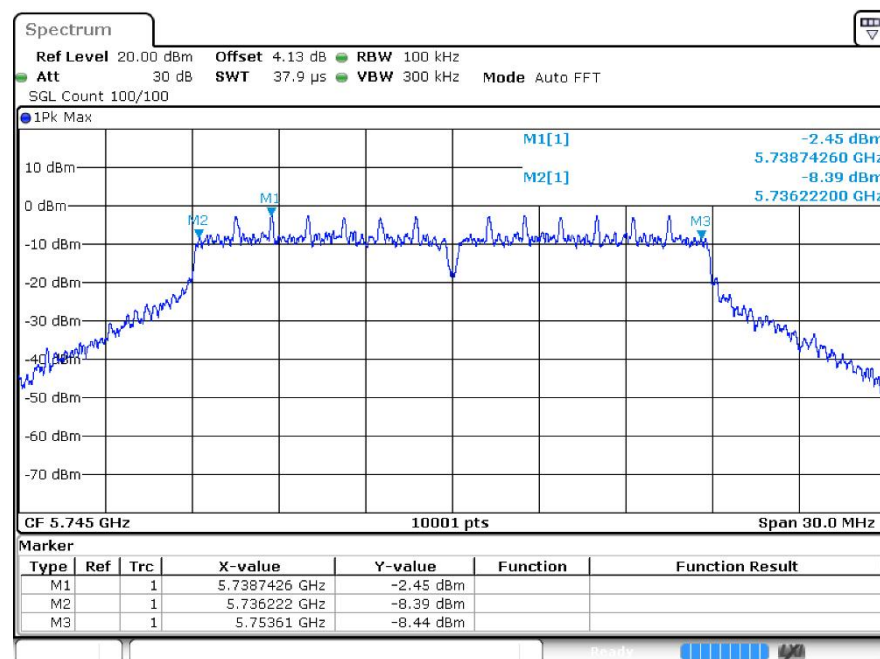
-6dB Bandwidth n40 5755MHz Ant2



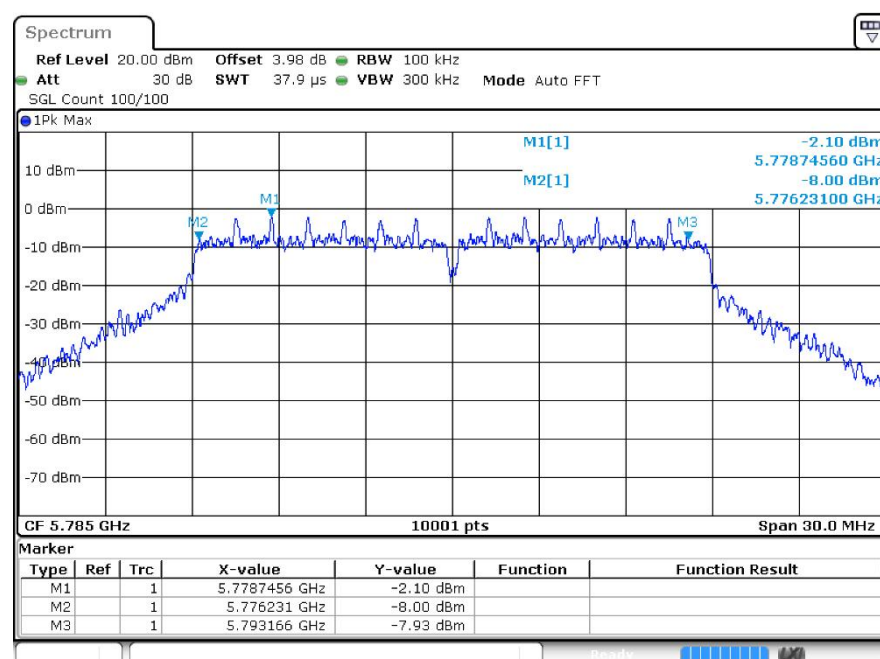
-6dB Bandwidth n40 5795MHz Ant2



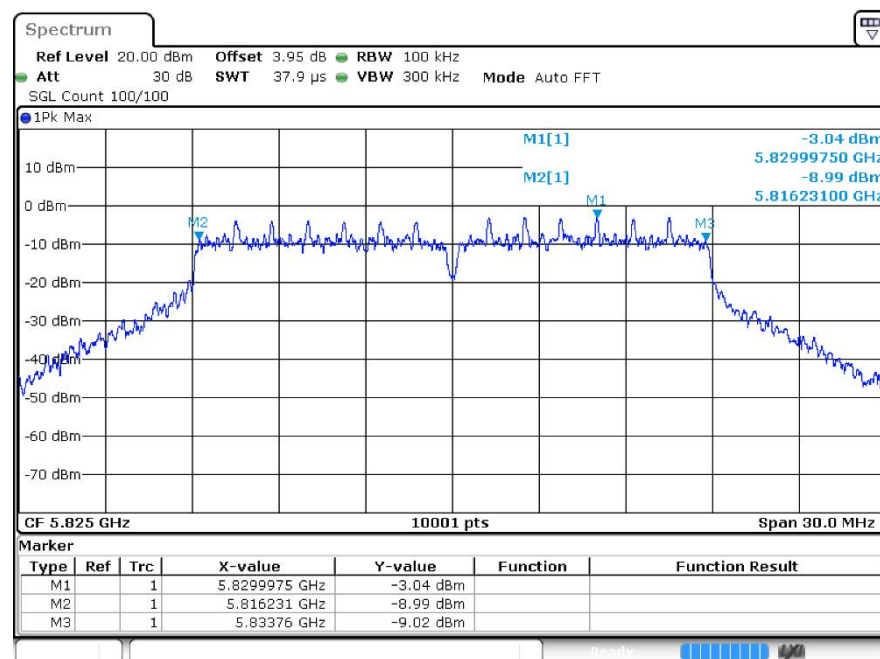
-6dB Bandwidth ac20 5745MHz Ant2



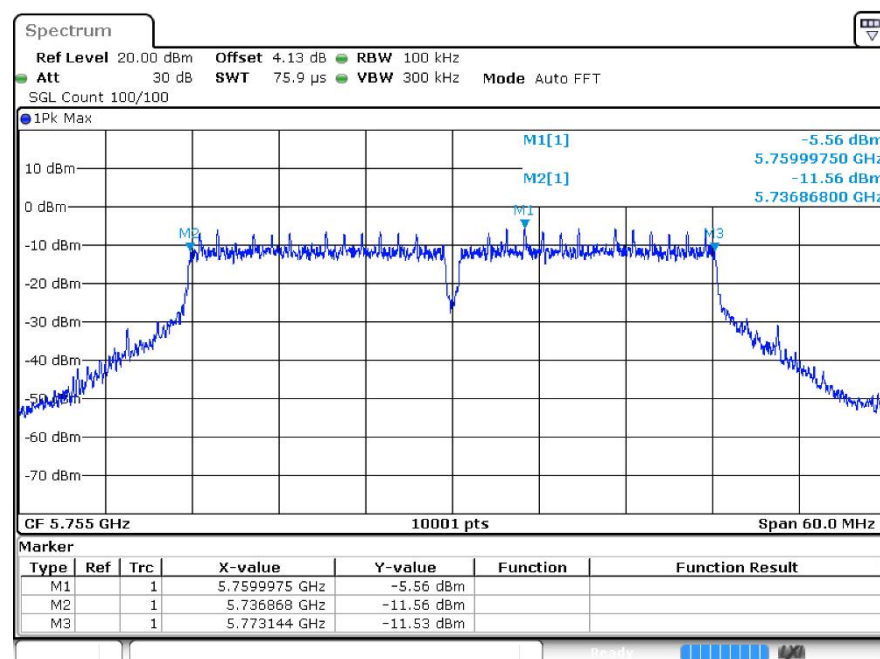
-6dB Bandwidth ac20 5785MHz Ant2



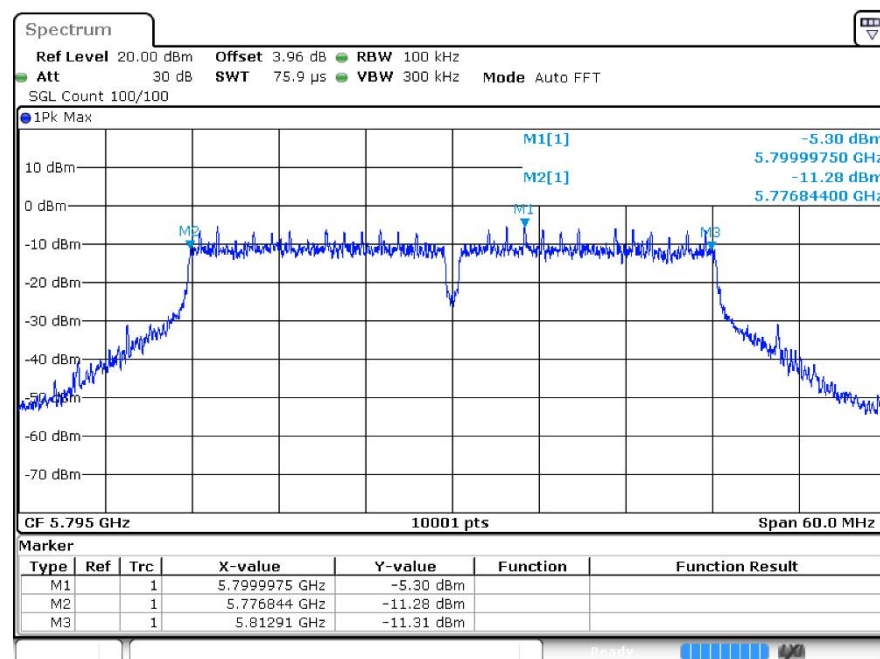
-6dB Bandwidth ac20 5825MHz Ant2



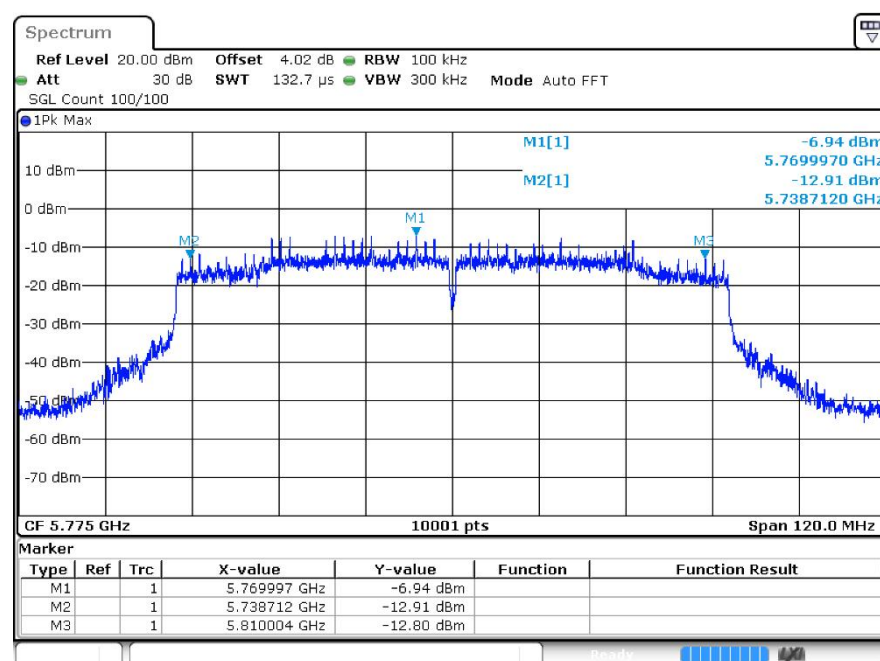
-6dB Bandwidth ac40 5755MHz Ant2



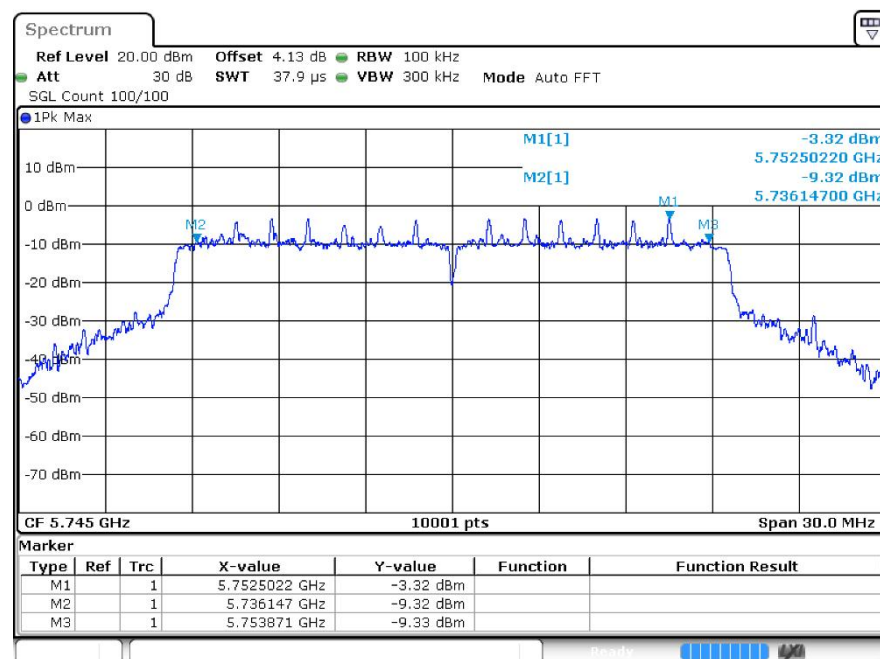
-6dB Bandwidth ac40 5795MHz Ant2



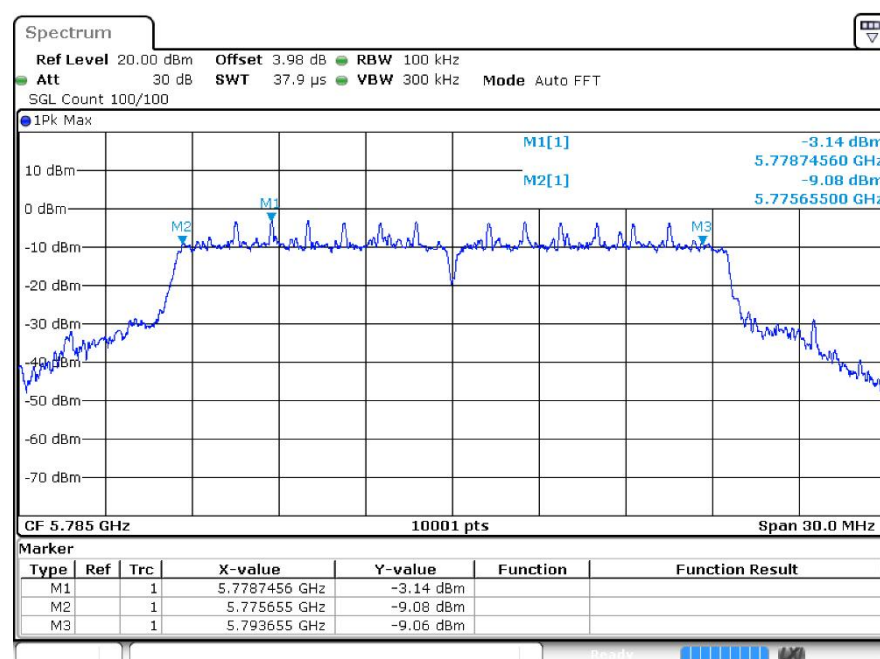
-6dB Bandwidth ac80 5775MHz Ant2



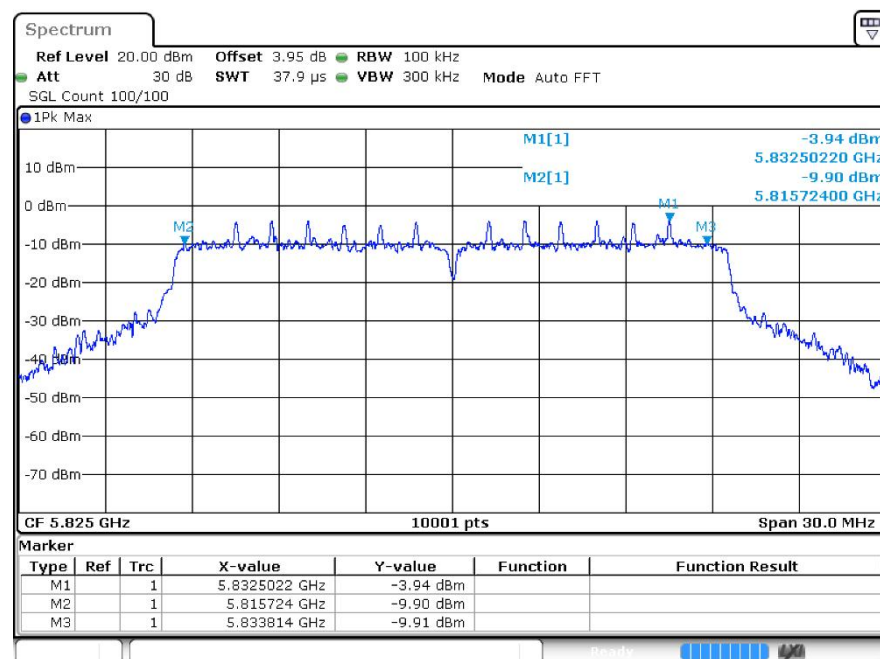
-6dB Bandwidth ax20 5745MHz Ant2



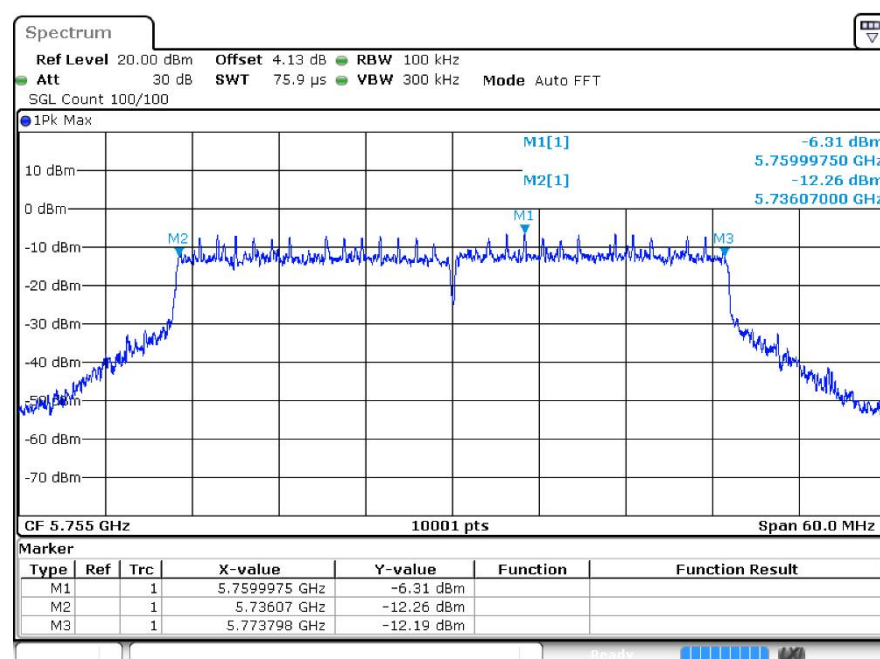
-6dB Bandwidth ax20 5785MHz Ant2



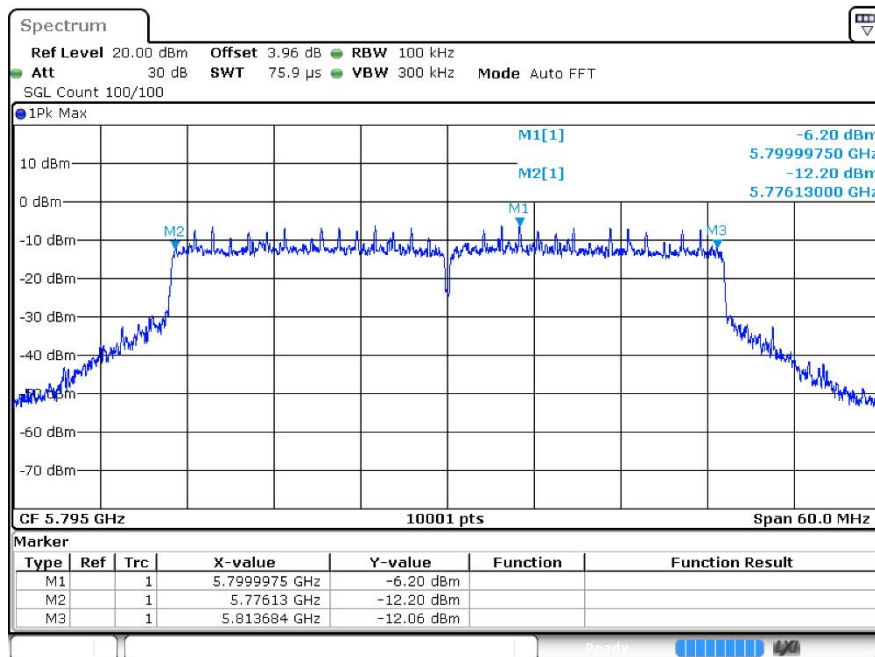
-6dB Bandwidth ax20 5825MHz Ant2



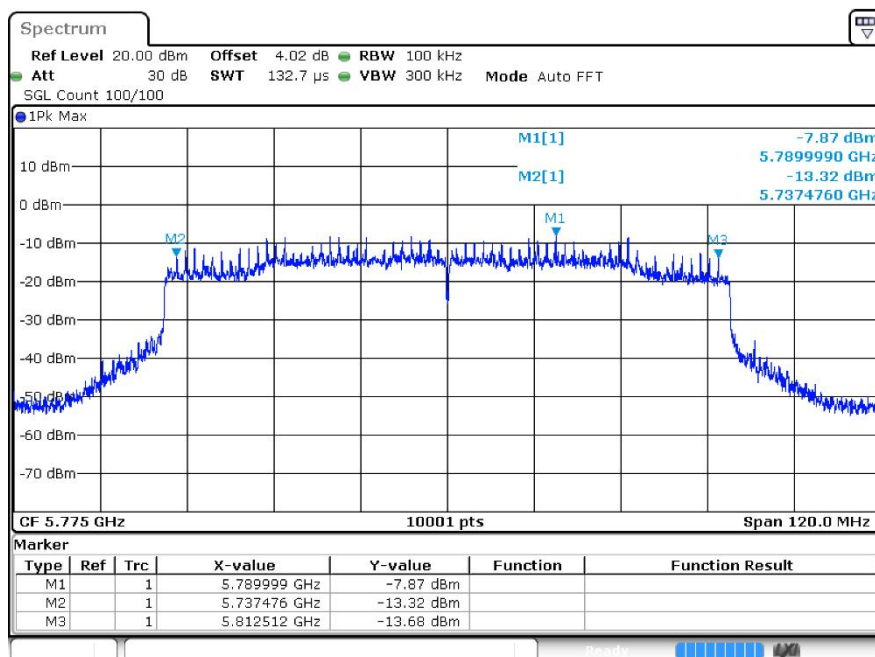
-6dB Bandwidth ax40 5755MHz Ant2



-6dB Bandwidth ax40 5795MHz Ant2



-6dB Bandwidth ax80 5775MHz Ant2



4 Occupied Channel Bandwidth

4.1 Test Result

Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5745	Ant1	16.627
a	5785	Ant1	16.627
a	5825	Ant1	16.609
n20	5745	Ant1	17.785
n20	5785	Ant1	17.749
n20	5825	Ant1	17.809
n40	5755	Ant1	36.32
n40	5795	Ant1	36.23
ac20	5745	Ant1	17.713
ac20	5785	Ant1	17.878
ac20	5825	Ant1	17.77
ac40	5755	Ant1	36.362
ac40	5795	Ant1	36.41
ac80	5775	Ant1	75.22
ax20	5745	Ant1	19.051
ax20	5785	Ant1	18.886
ax20	5825	Ant1	18.922
ax40	5755	Ant1	37.73
ax40	5795	Ant1	37.802
ax80	5775	Ant1	76.936
a	5745	Ant2	16.66
a	5785	Ant2	16.654
a	5825	Ant2	16.66
n20	5745	Ant2	17.731
n20	5785	Ant2	17.722
n20	5825	Ant2	17.779
n40	5755	Ant2	36.368
n40	5795	Ant2	36.524
ac20	5745	Ant2	17.791
ac20	5785	Ant2	17.842
ac20	5825	Ant2	17.773
ac40	5755	Ant2	36.428
ac40	5795	Ant2	36.32
ac80	5775	Ant2	74.873
ax20	5745	Ant2	18.907
ax20	5785	Ant2	18.928



ax20	5825	Ant2	18.973
ax40	5755	Ant2	37.85
ax40	5795	Ant2	37.79
ax80	5775	Ant2	76.228

4.2 Test Graphs

