



Appendix E

RF Test Data for 5.8GWIFI(Conducted Measurement)

Product Name: Laptop

Trade Mark: Blackview

Test Model: GamiBook 8

Environmental Conditions

Temperature:	25.6° C
Relative Humidity:	52.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Emiya lin
Supervised by:	Simba Haung



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1 Duty Cycle

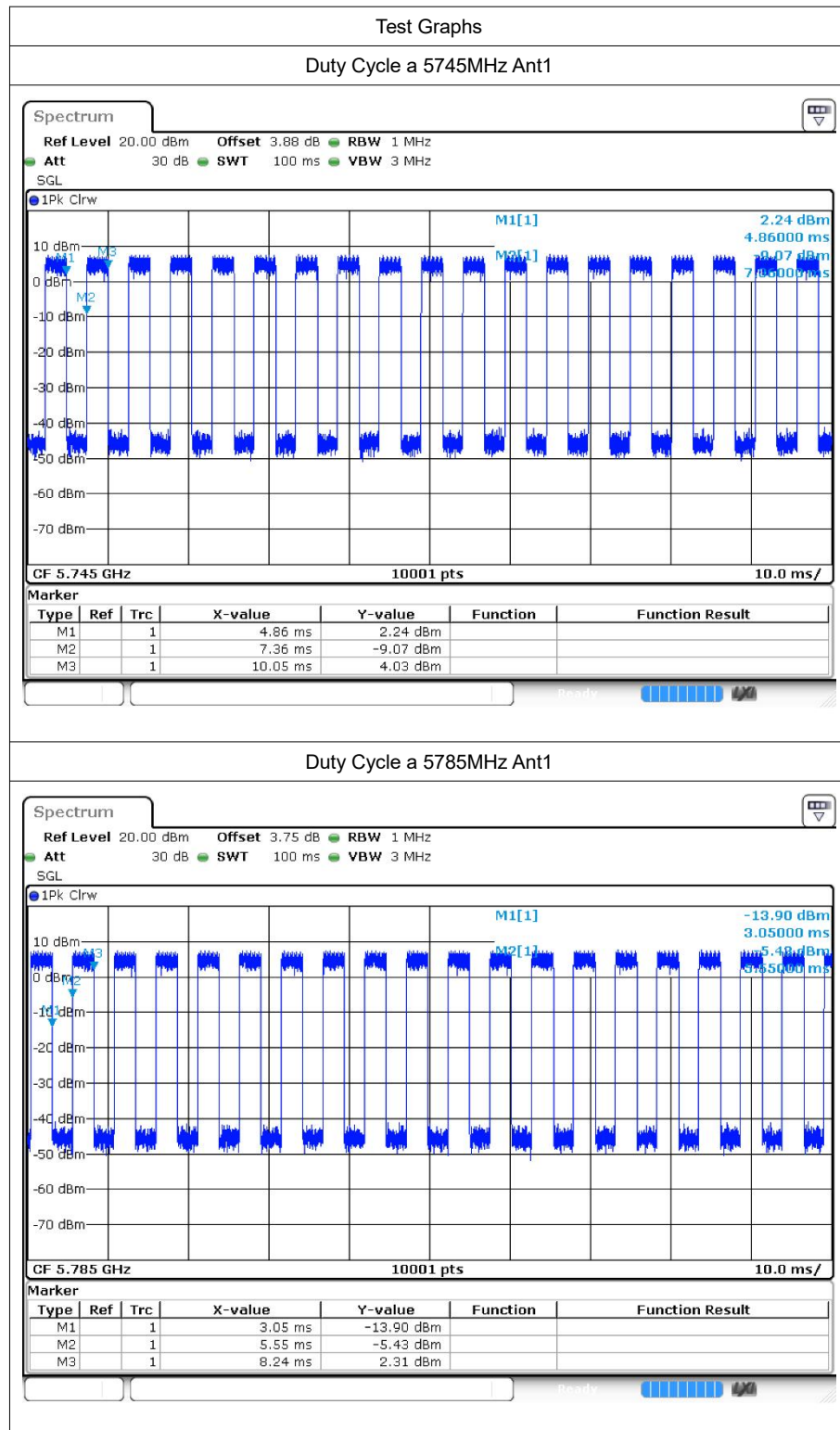
1.1 Test Result

Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
a	5745	Ant1	51.35	2.89	0.37
a	5785	Ant1	52.31	2.81	0.37
a	5825	Ant1	51.35	2.89	0.37
a	5745	Ant2	51.44	2.89	0.37
a	5785	Ant2	52.65	2.79	0.37
a	5825	Ant2	52.13	2.83	0.37
n20	5745	Ant1	50.16	3	0.4
n20	5785	Ant1	50.15	3	0.4
n20	5825	Ant1	50.15	3	0.4
n20	5745	Ant2	50.16	3	0.4
n20	5785	Ant2	50.27	2.99	0.4
n20	5825	Ant2	50.15	3	0.4
n40	5755	Ant1	48.22	3.17	0.42
n40	5795	Ant1	49.68	3.04	0.42
n40	5755	Ant2	49.53	3.05	0.41
n40	5795	Ant2	48.37	3.15	0.41
ac20	5745	Ant1	50.16	3	0.4
ac20	5785	Ant1	50.17	3	0.4
ac20	5825	Ant1	50.37	2.98	0.4
ac20	5745	Ant2	50.16	3	0.4
ac20	5785	Ant2	50.36	2.98	0.4
ac20	5825	Ant2	50.36	2.98	0.4
ac40	5755	Ant1	49.15	3.09	0.42
ac40	5795	Ant1	48.42	3.15	0.42
ac40	5755	Ant2	48.67	3.13	0.41
ac40	5795	Ant2	48.62	3.13	0.41
ac80	5775	Ant1	47.5	3.23	0.45
ac80	5775	Ant2	47.5	3.23	0.45
ax20	5745	Ant1	48.01	3.19	0.42
ax20	5785	Ant1	48.8	3.12	0.42
ax20	5825	Ant1	49.36	3.07	0.42
ax20	5745	Ant2	48.04	3.18	0.42
ax20	5785	Ant2	48.04	3.18	0.42
ax20	5825	Ant2	48.01	3.19	0.42
ax40	5755	Ant1	47.51	3.23	0.44
ax40	5795	Ant1	47.51	3.23	0.44
ax40	5755	Ant2	47.67	3.22	0.44

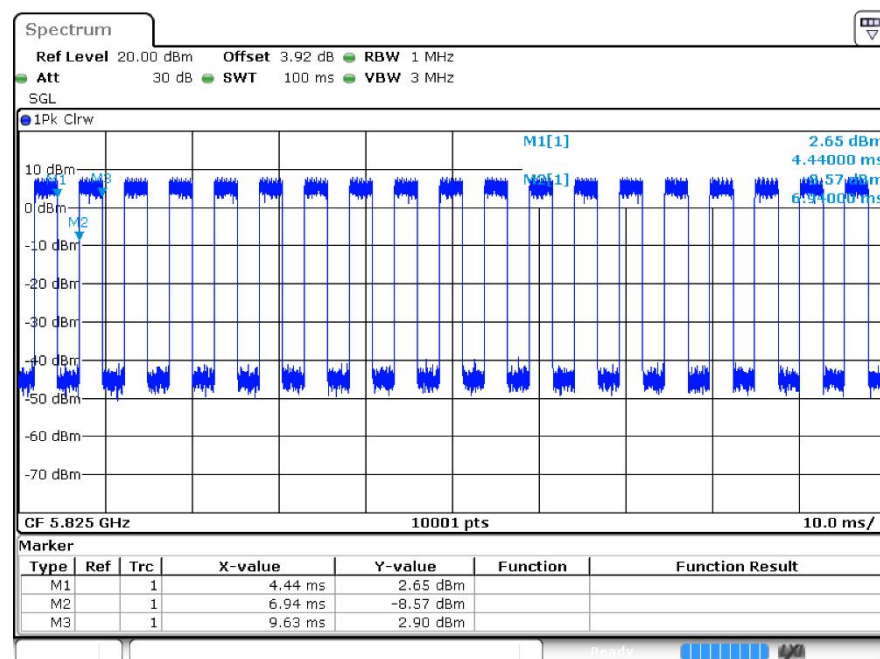


ax40	5795	Ant2	47.69	3.22	0.44
ax80	5775	Ant1	45.99	3.37	0.47
ax80	5775	Ant2	45.21	3.45	0.47

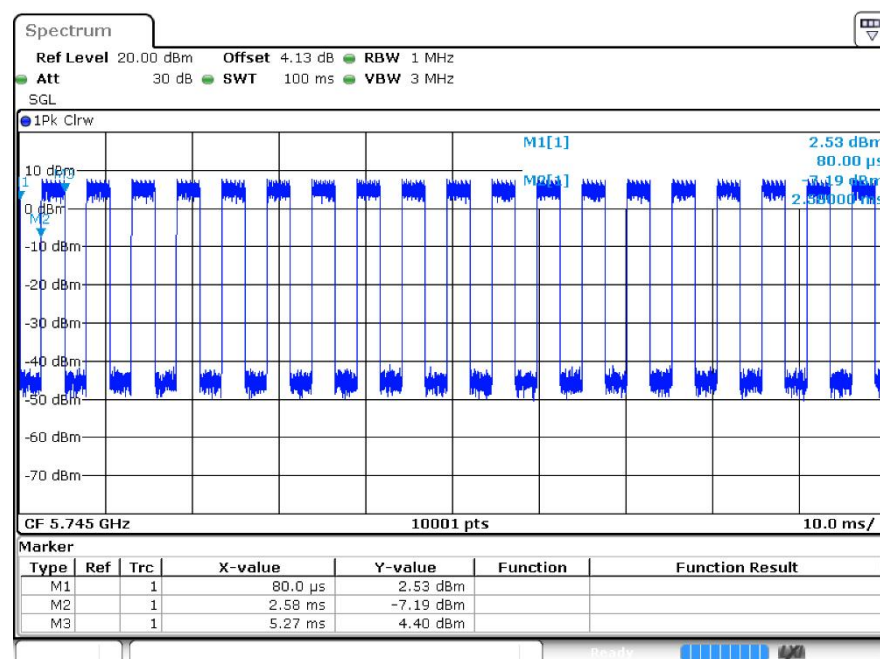
1.2 Test Graphs



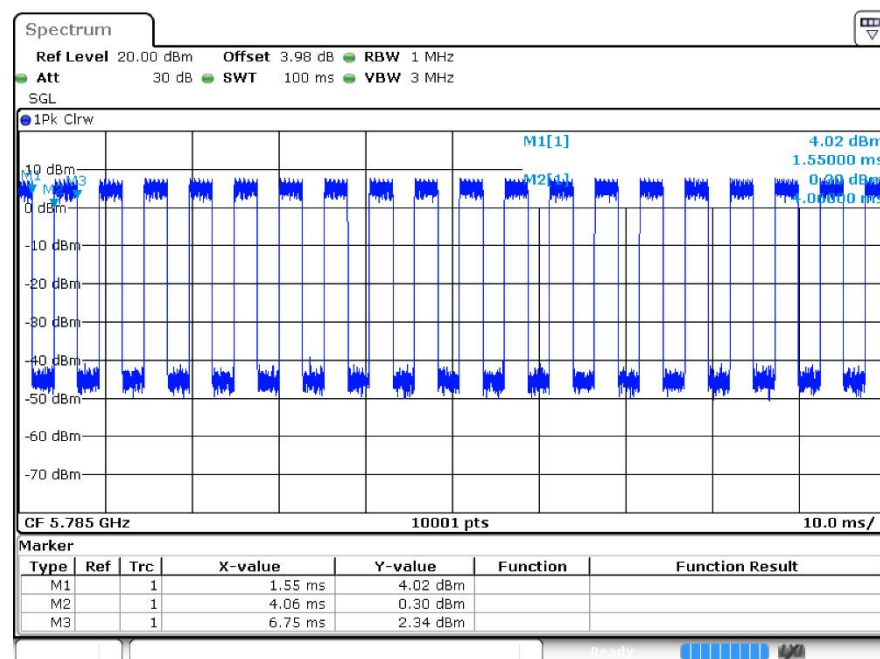
Duty Cycle a 5825MHz Ant1



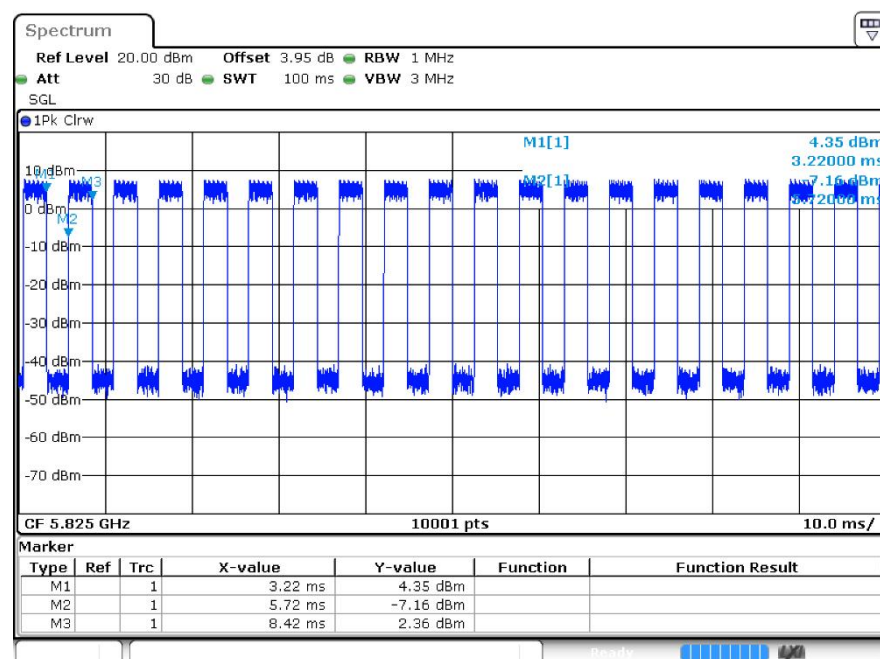
Duty Cycle a 5745MHz Ant2



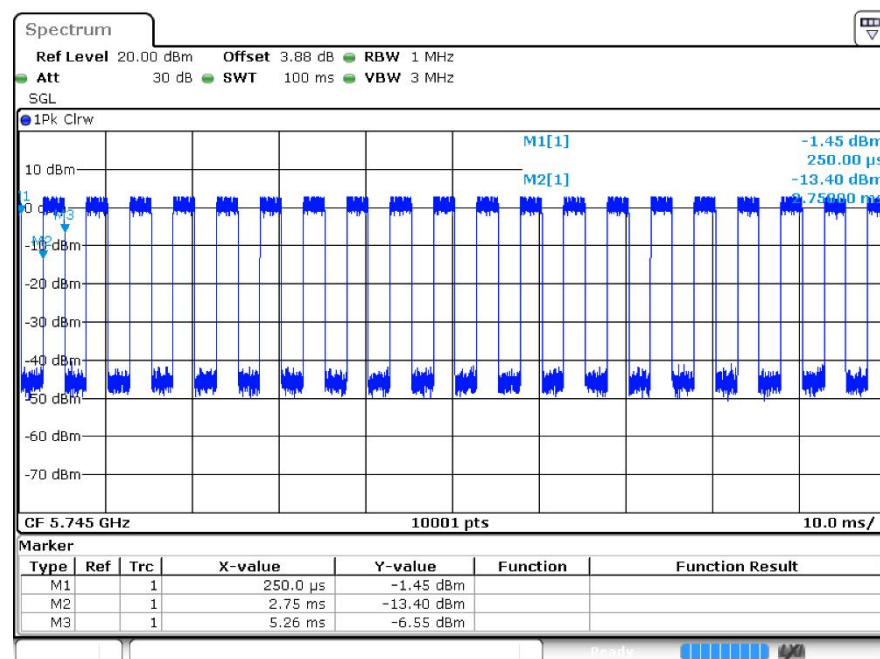
Duty Cycle a 5785MHz Ant2



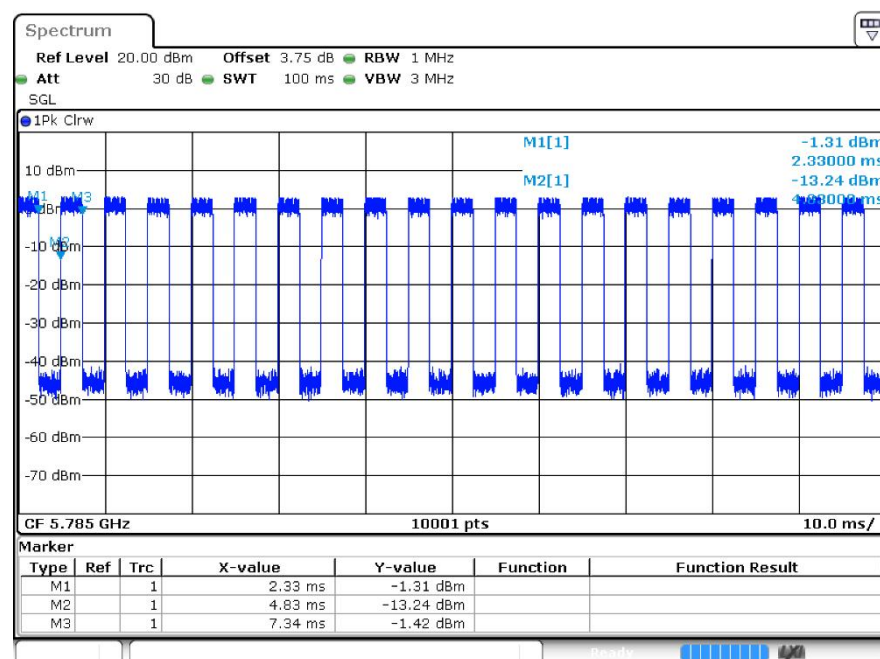
Duty Cycle a 5825MHz Ant2



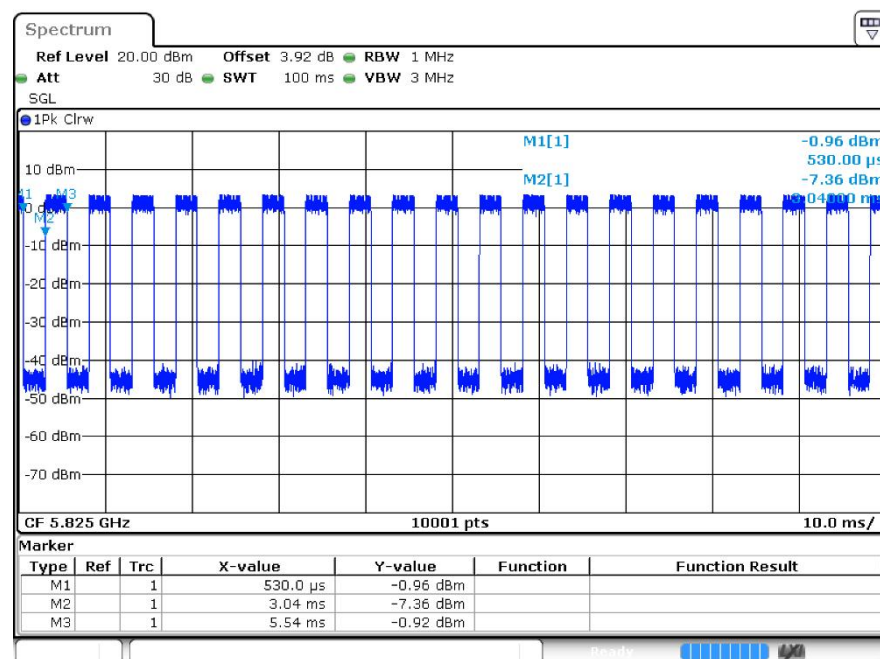
Duty Cycle n20 5745MHz Ant1



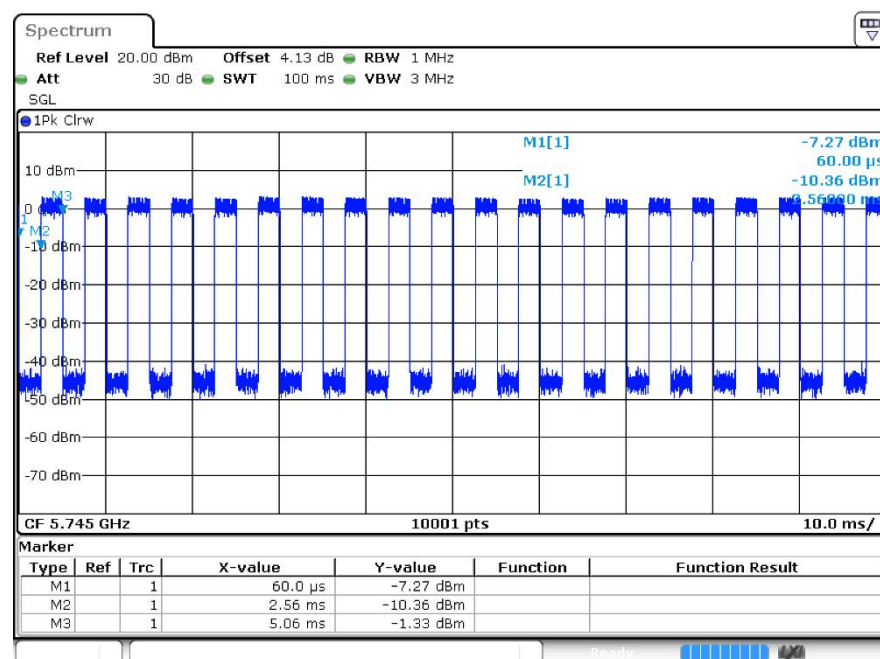
Duty Cycle n20 5785MHz Ant1



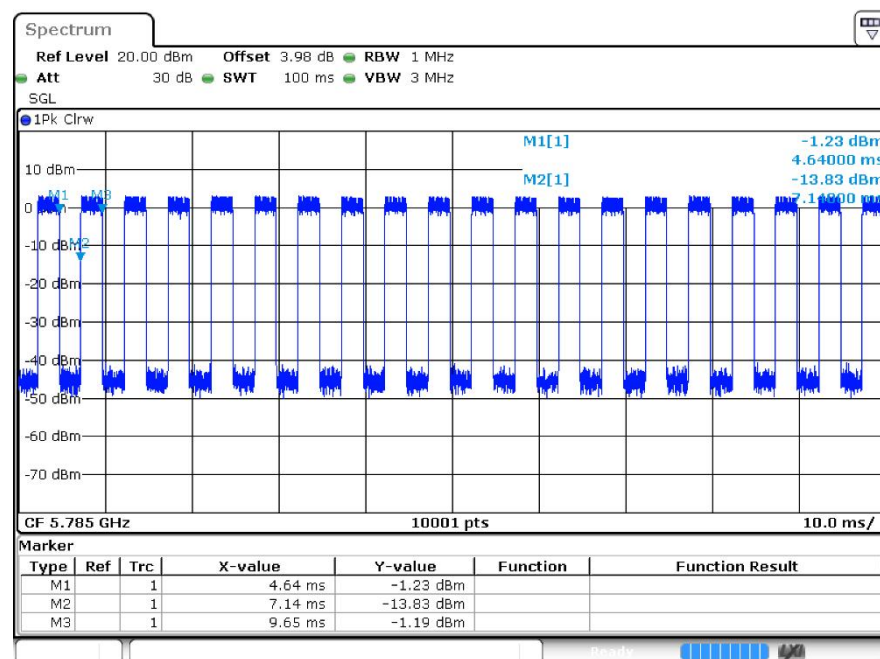
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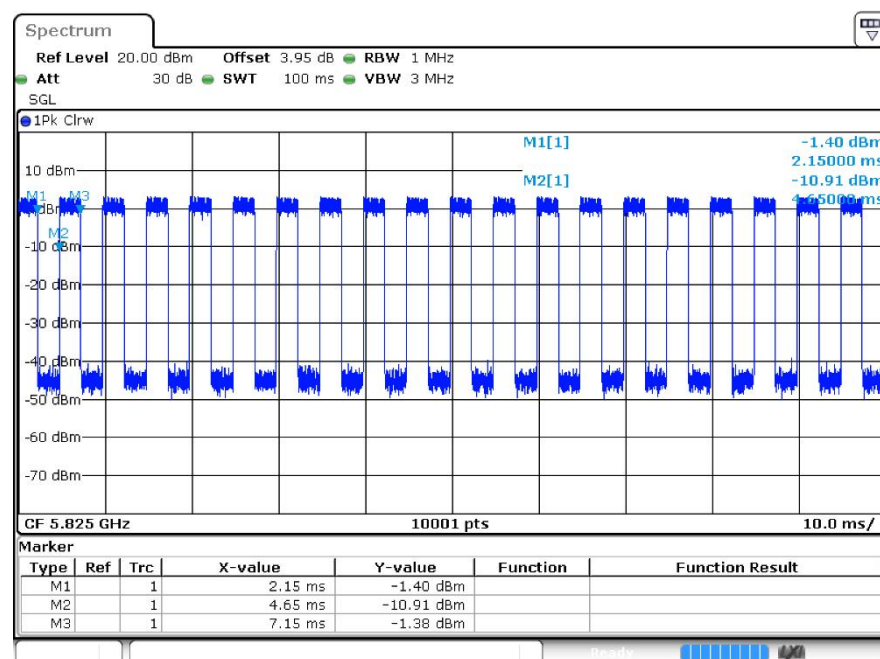
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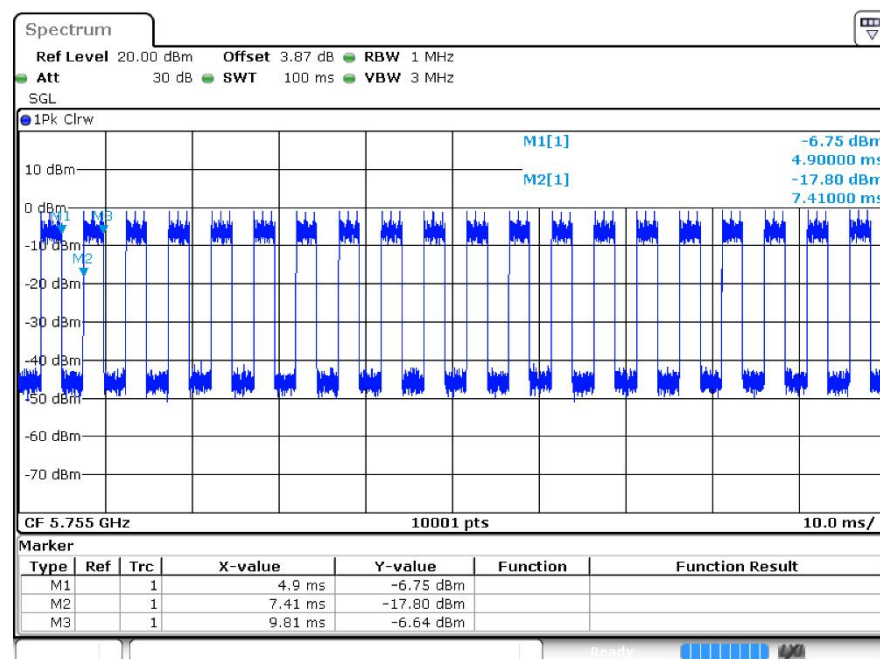
Duty Cycle n20 5785MHz Ant2



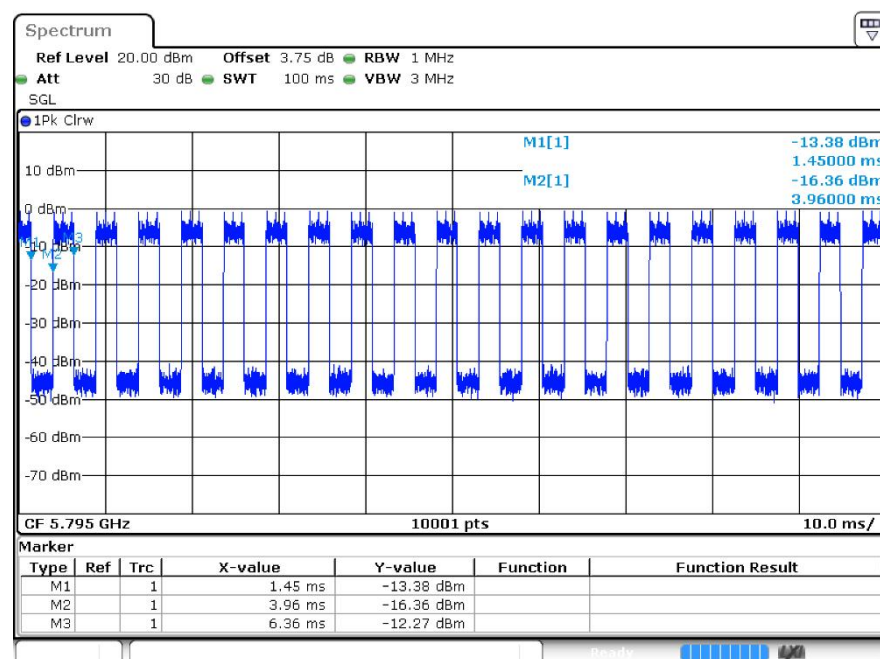
Duty Cycle n20 5825MHz Ant2



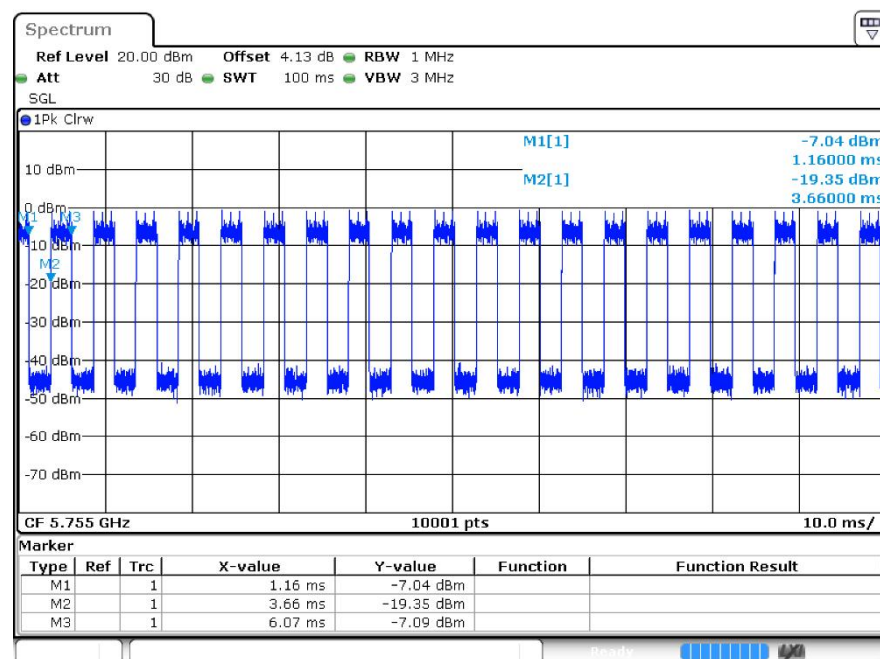
Duty Cycle n40 5755MHz Ant1



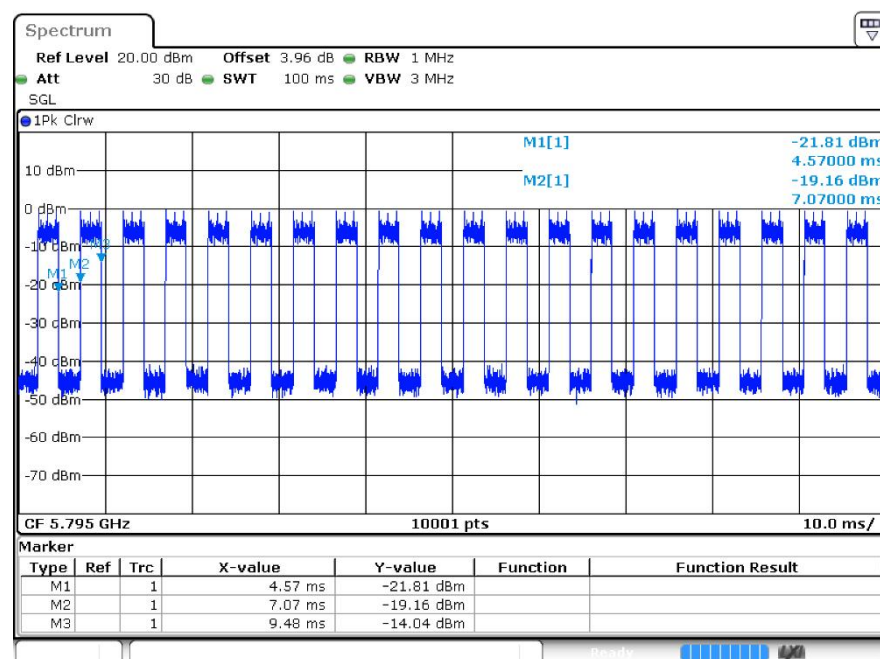
Duty Cycle n40 5795MHz Ant1



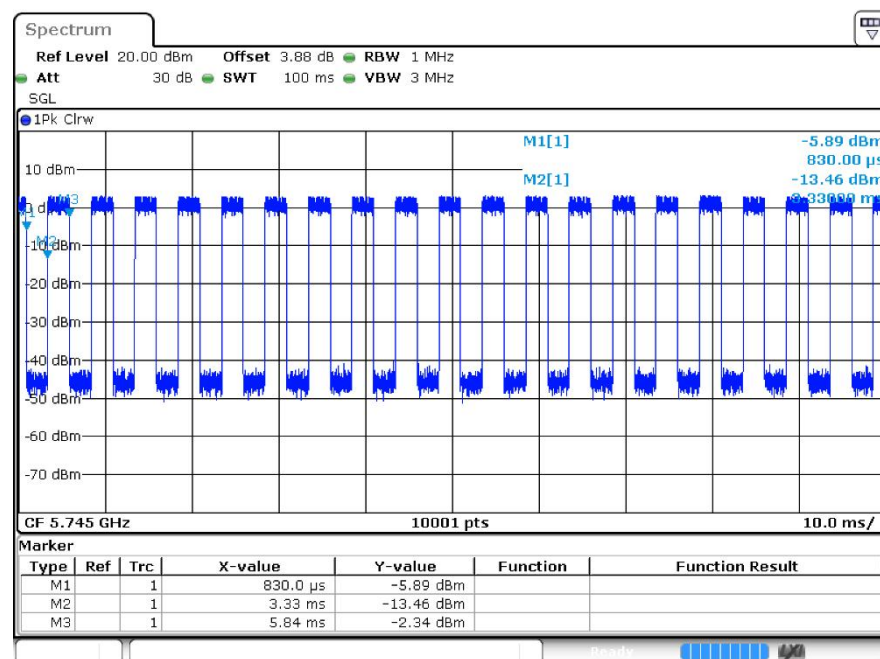
Duty Cycle n40 5755MHz Ant2



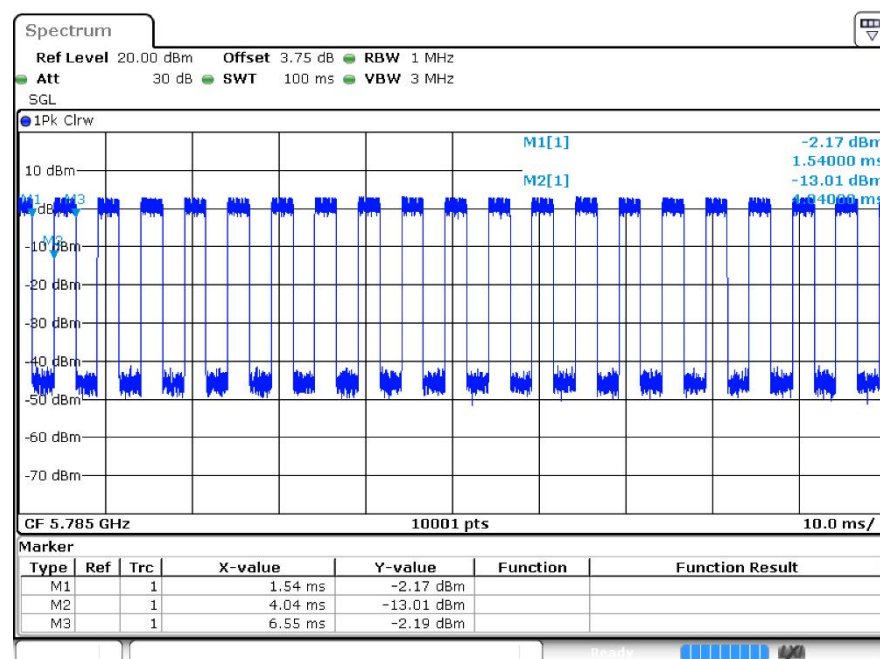
Duty Cycle n40 5795MHz Ant2



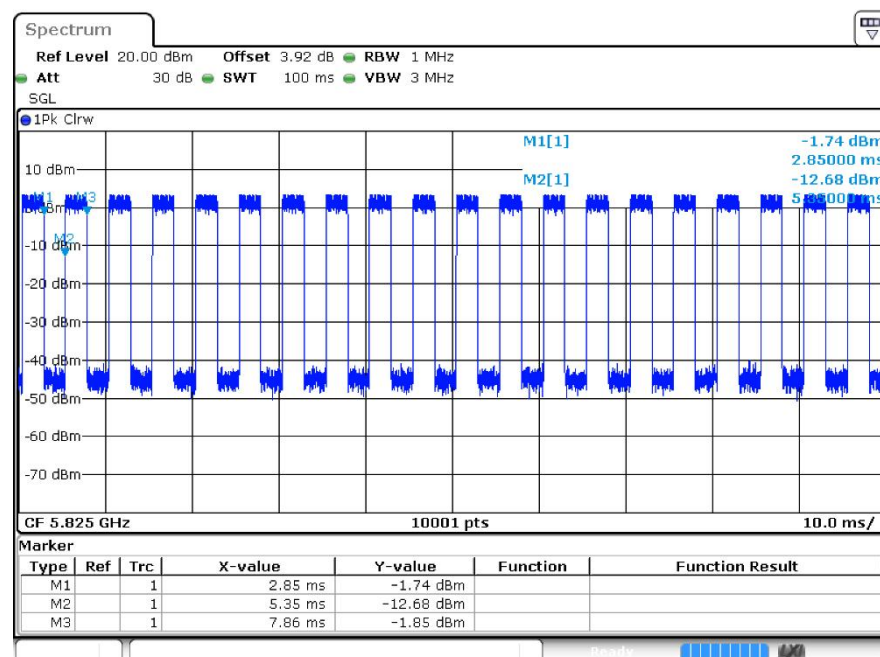
Duty Cycle ac20 5745MHz Ant1



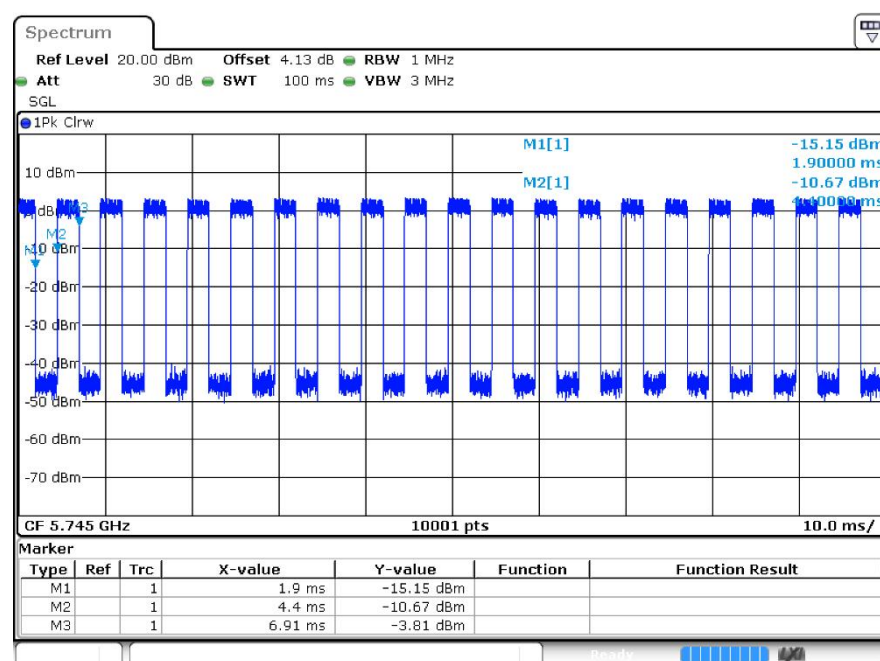
Duty Cycle ac20 5785MHz Ant1



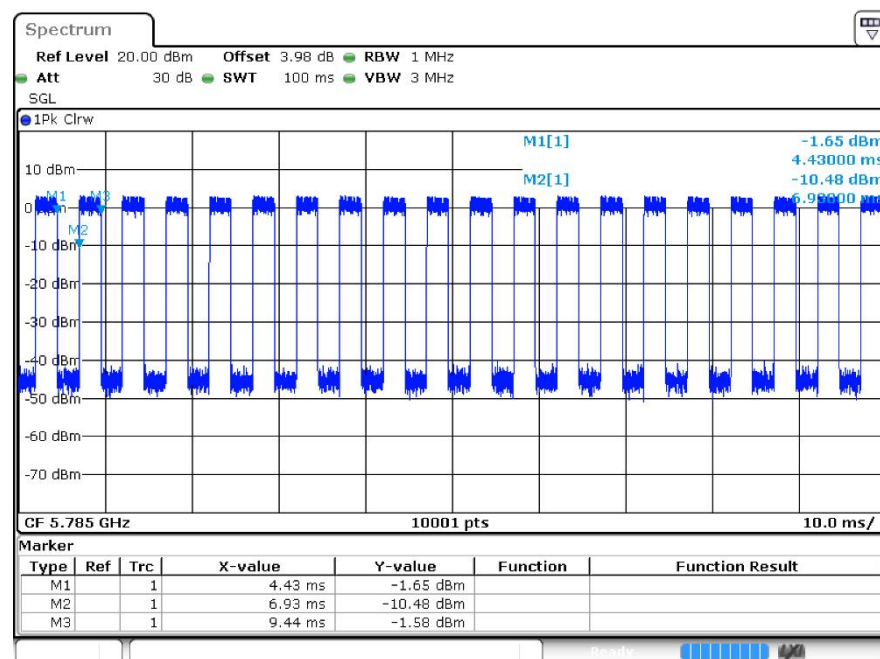
Duty Cycle ac20 5825MHz Ant1



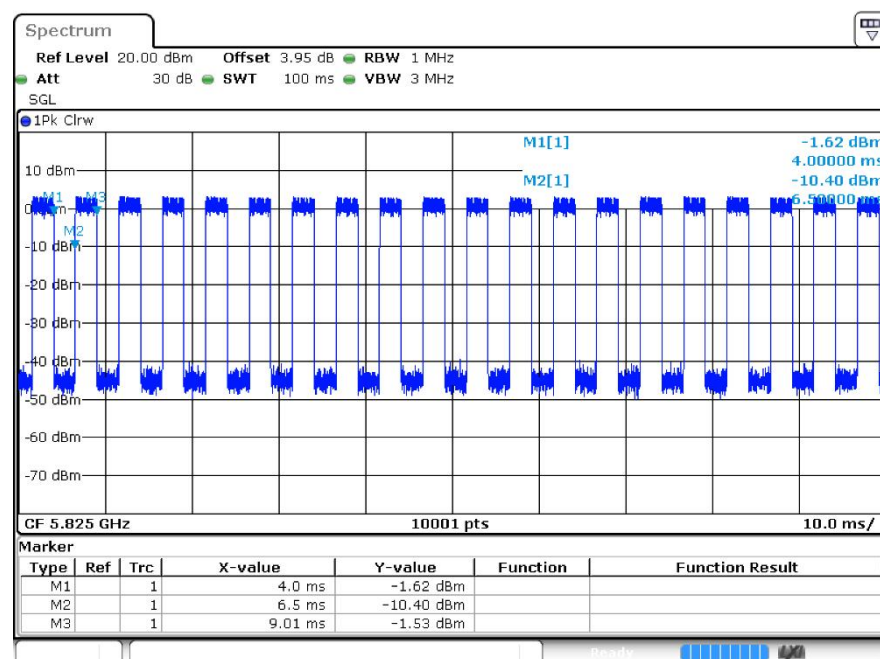
Duty Cycle ac20 5745MHz Ant2



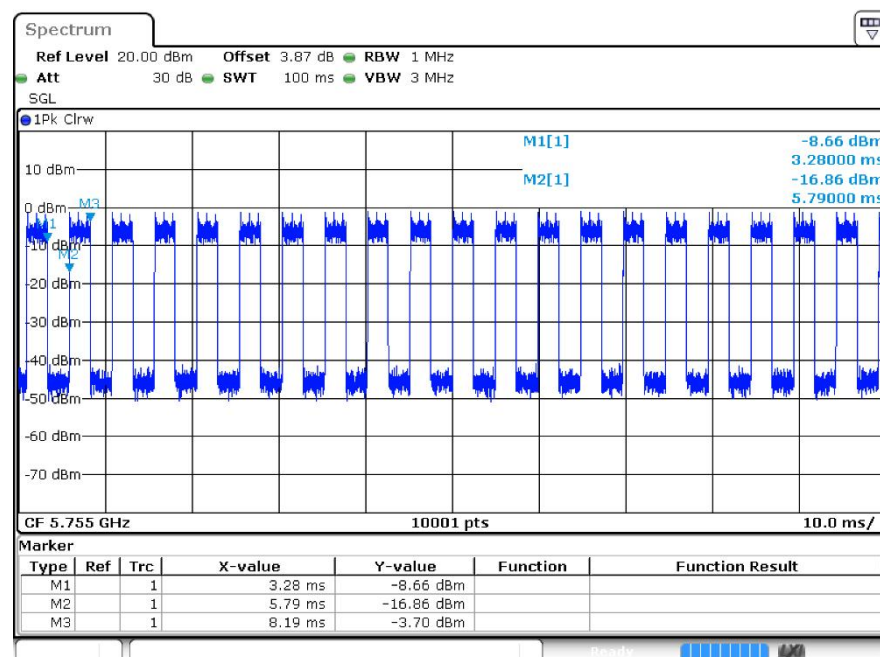
Duty Cycle ac20 5785MHz Ant2



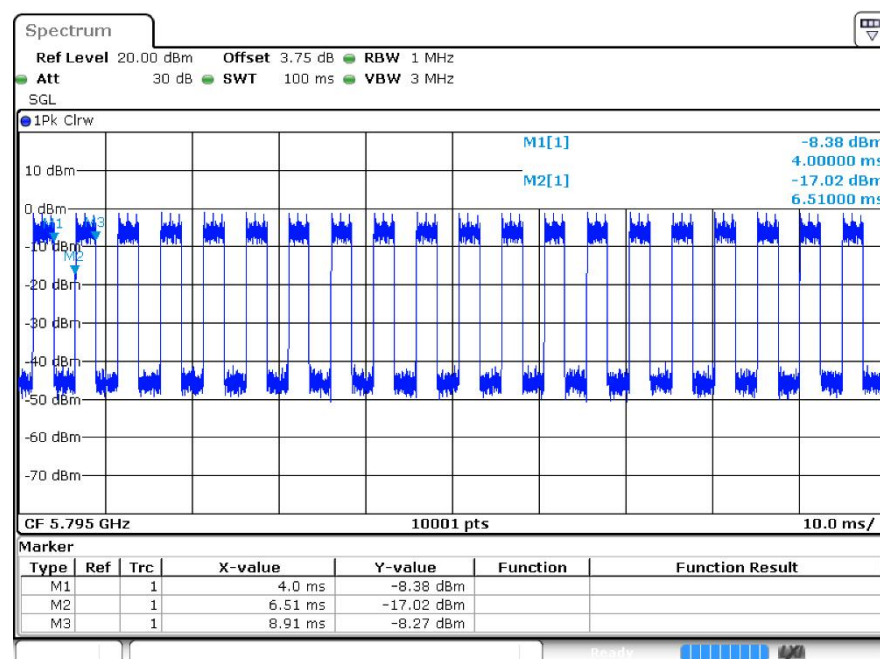
Duty Cycle ac20 5825MHz Ant2



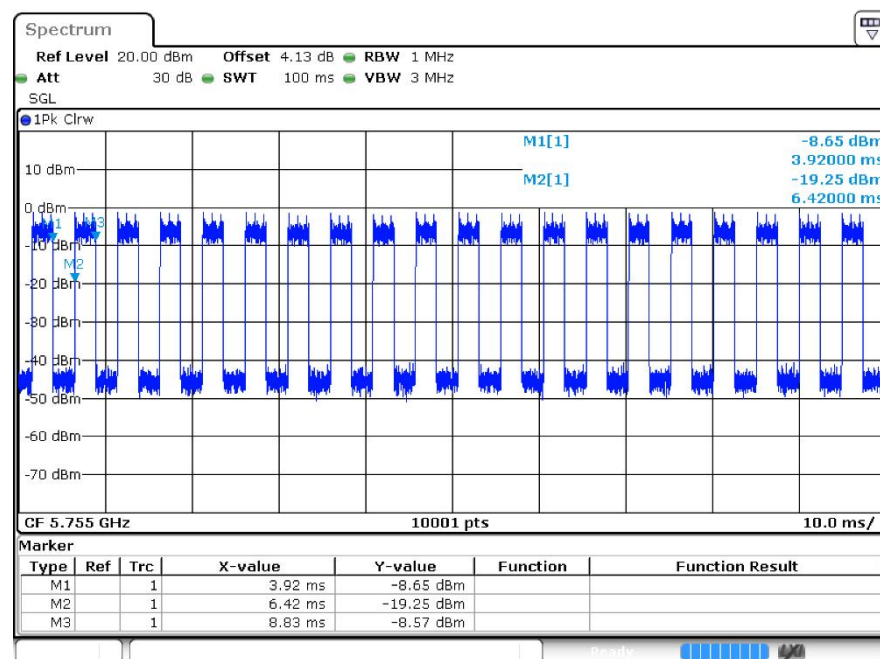
Duty Cycle ac40 5755MHz Ant1



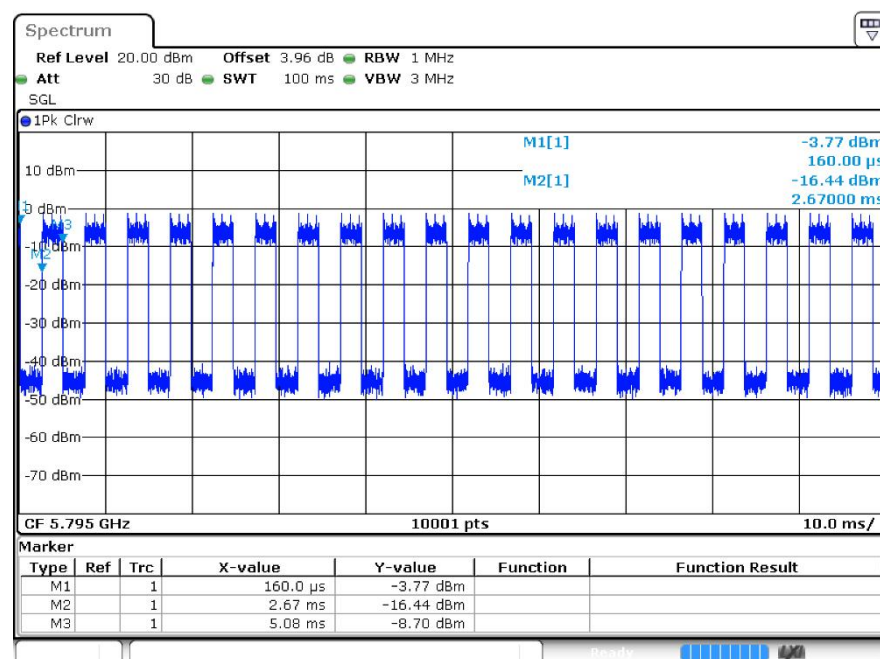
Duty Cycle ac40 5795MHz Ant1



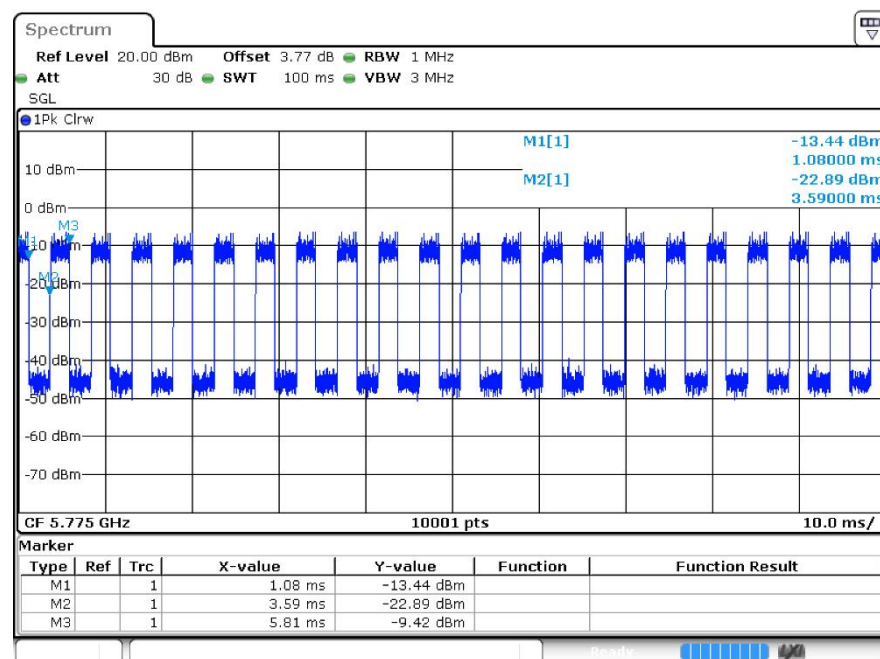
Duty Cycle ac40 5755MHz Ant2



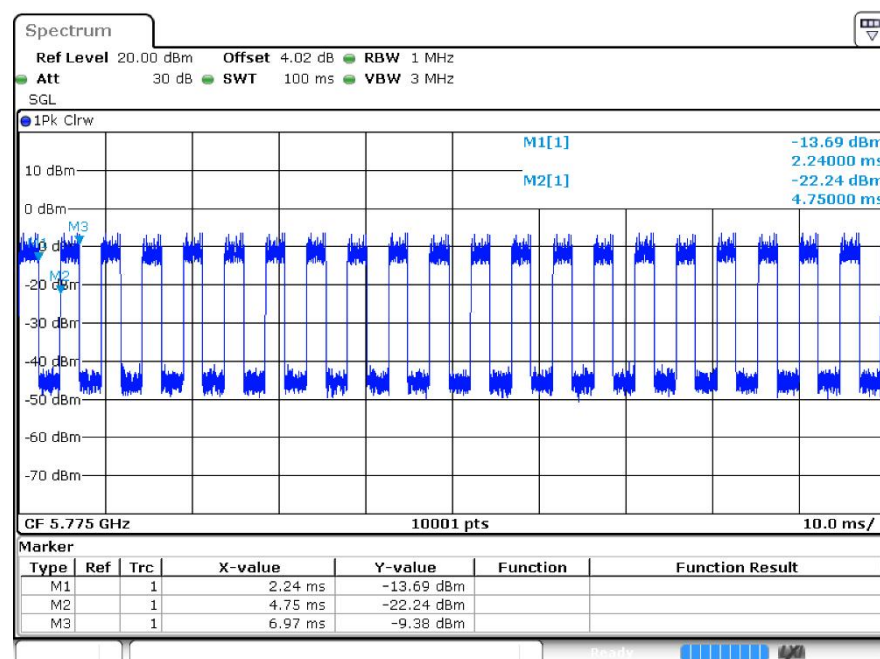
Duty Cycle ac40 5795MHz Ant2



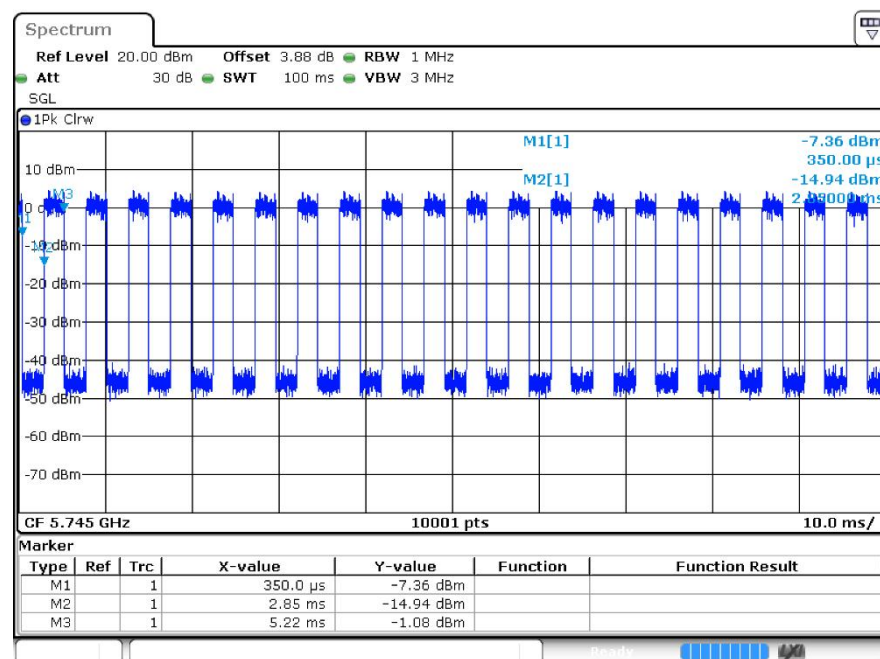
Duty Cycle ac80 5775MHz Ant1



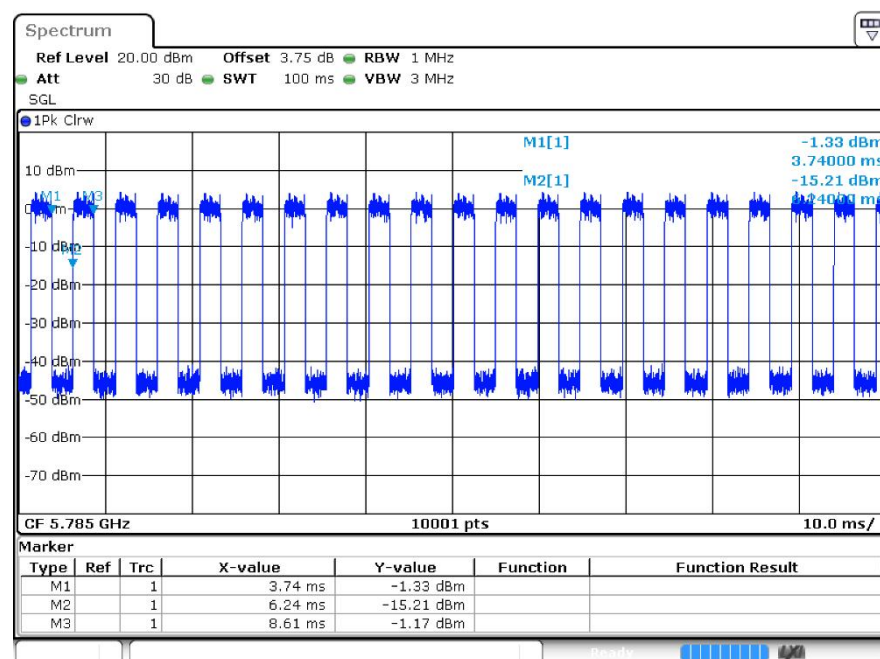
Duty Cycle ac80 5775MHz Ant2



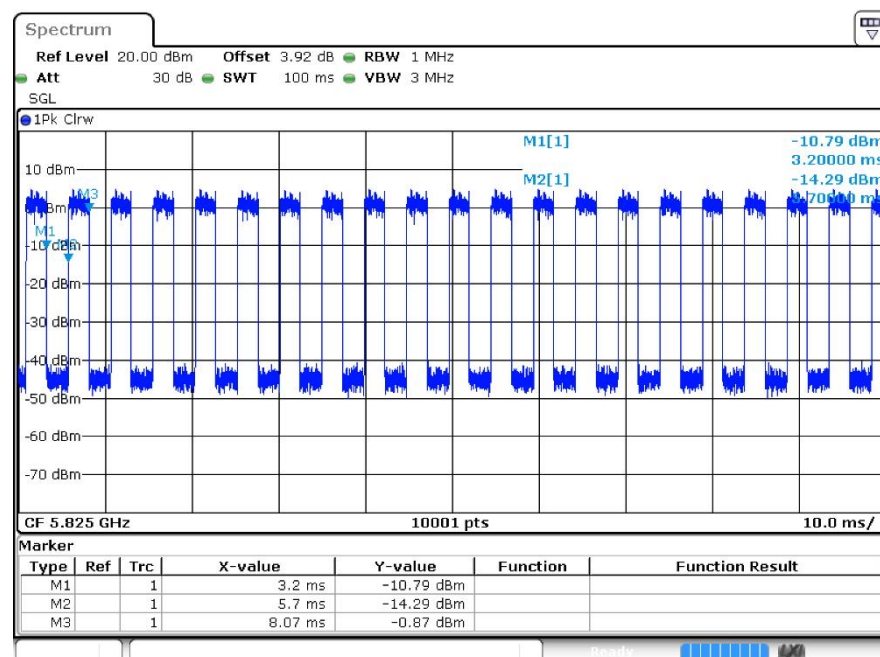
Duty Cycle ax20 5745MHz Ant1



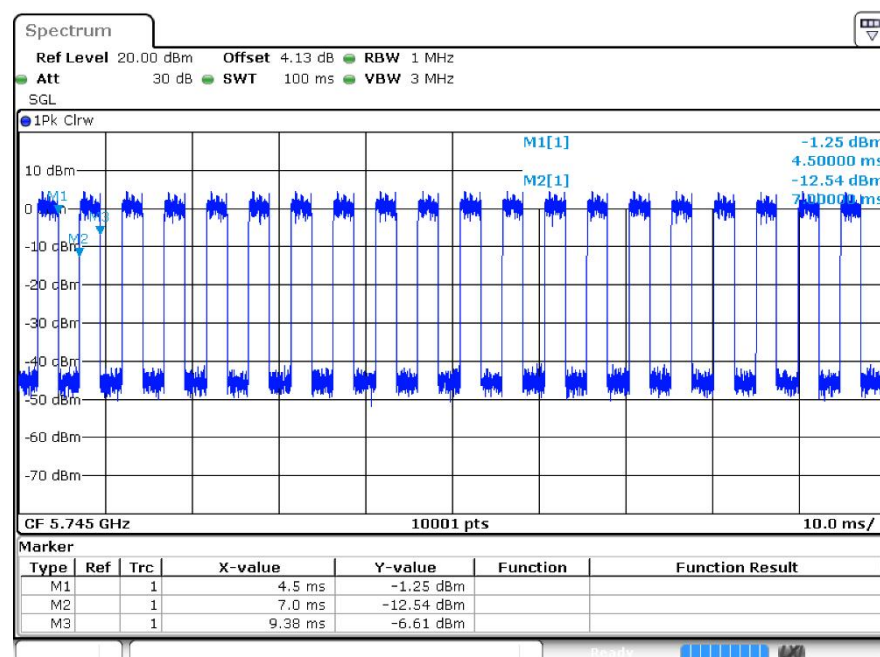
Duty Cycle ax20 5785MHz Ant1



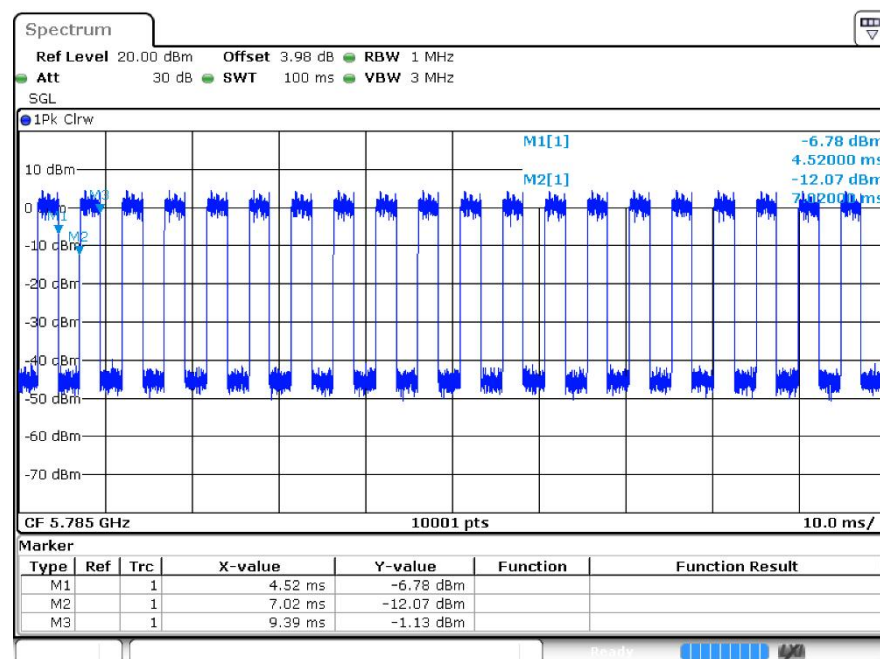
Duty Cycle ax20 5825MHz Ant1



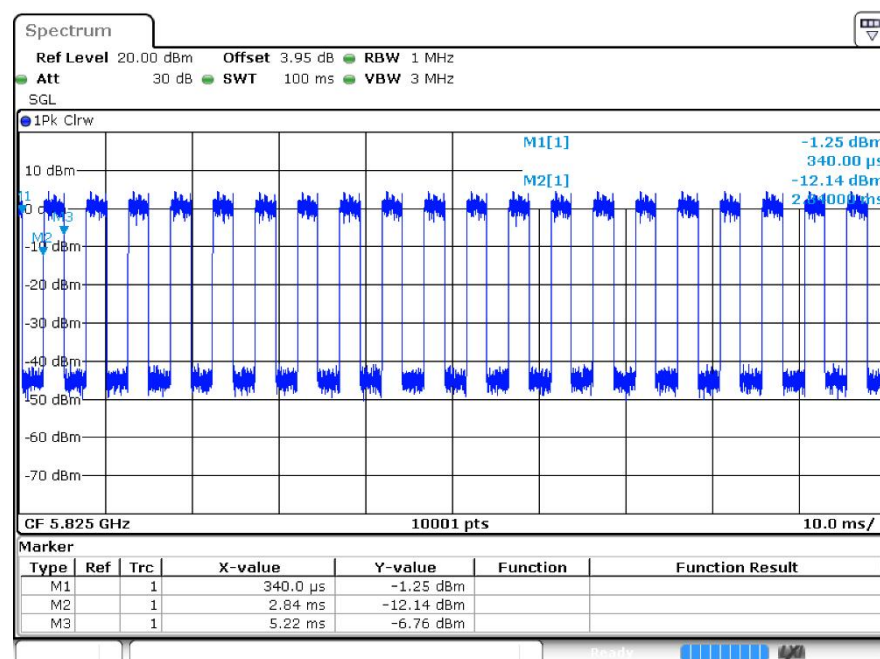
Duty Cycle ax20 5745MHz Ant2



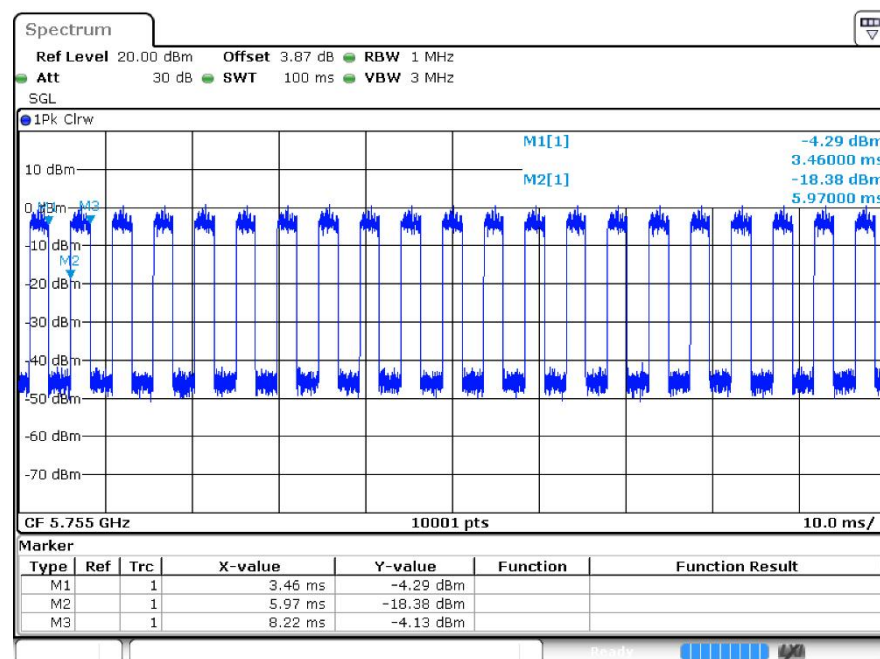
Duty Cycle ax20 5785MHz Ant2



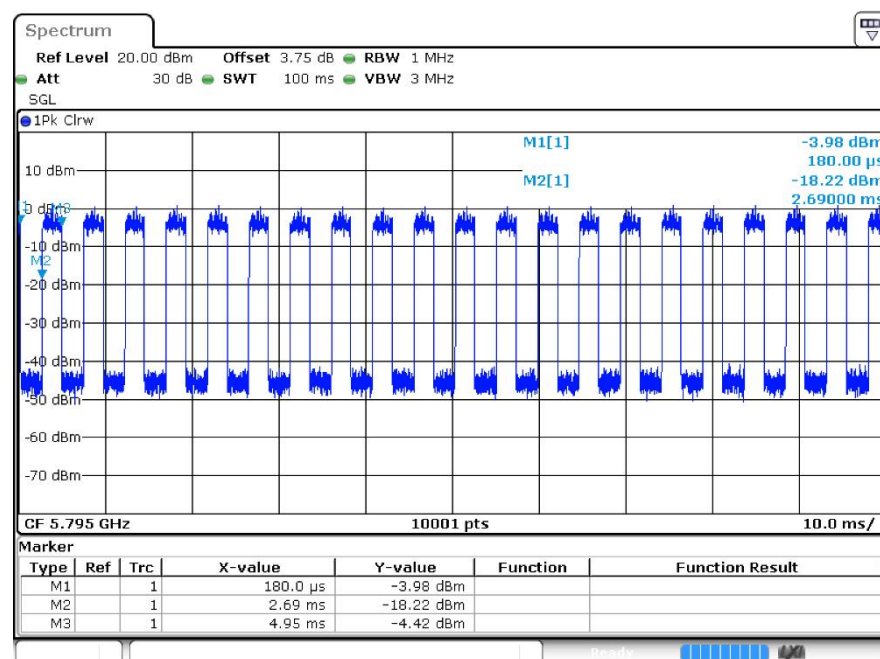
Duty Cycle ax20 5825MHz Ant2



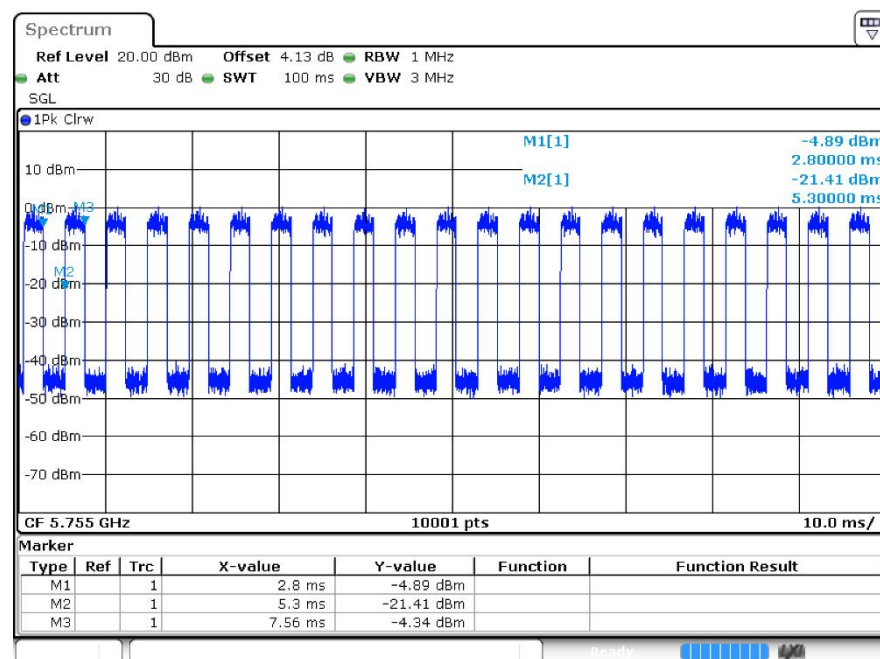
Duty Cycle ax40 5755MHz Ant1



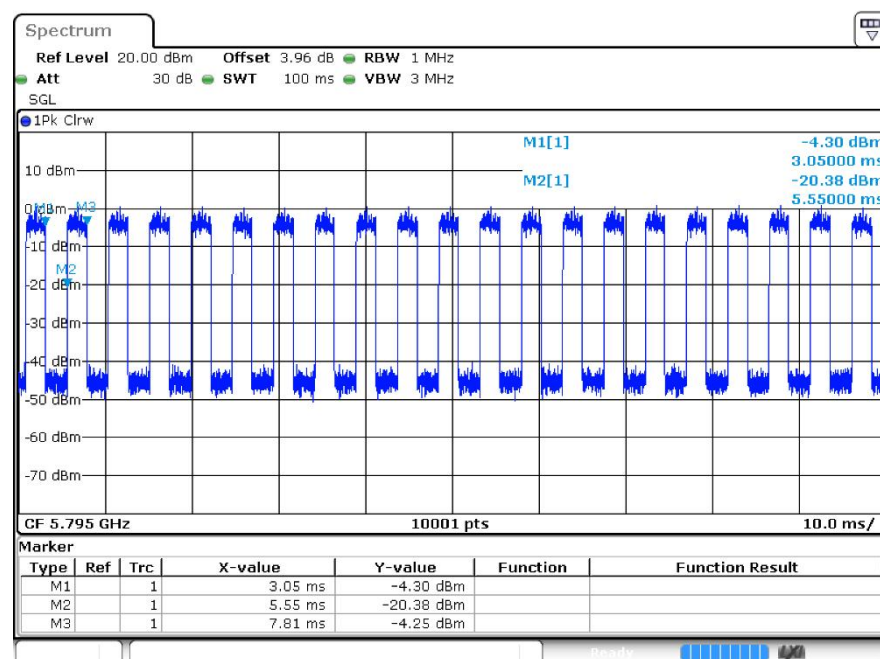
Duty Cycle ax40 5795MHz Ant1



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	15.22	30	Pass
a	5785	Ant1	15.26	30	Pass
a	5825	Ant1	15.8	30	Pass
a	5745	Ant2	15.02	30	Pass
a	5785	Ant2	15.09	30	Pass
a	5825	Ant2	15.17	30	Pass
n20	5745	Ant1	11.3	30	Pass
n20	5745	Ant2	11.46	30	Pass
n20	5745	Sum	14.49	30	Pass
n20	5785	Ant1	11.34	30	Pass
n20	5785	Ant2	11.47	30	Pass
n20	5785	Sum	14.46	30	Pass
n20	5825	Ant1	11.8	30	Pass
n20	5825	Ant2	11.47	30	Pass
n20	5825	Sum	14.77	30	Pass
n40	5755	Ant1	10.74	30	Pass
n40	5755	Ant2	10.86	30	Pass
n40	5755	Sum	13.82	30	Pass
n40	5795	Ant1	10.95	30	Pass
n40	5795	Ant2	10.82	30	Pass
n40	5795	Sum	13.93	30	Pass
ac20	5745	Ant1	11.35	30	Pass
ac20	5745	Ant2	11.45	30	Pass
ac20	5745	Sum	14.5	30	Pass
ac20	5785	Ant1	11.46	30	Pass
ac20	5785	Ant2	11.54	30	Pass
ac20	5785	Sum	14.53	30	Pass
ac20	5825	Ant1	11.9	30	Pass
ac20	5825	Ant2	11.54	30	Pass
ac20	5825	Sum	14.83	30	Pass
ac40	5755	Ant1	10.85	30	Pass
ac40	5755	Ant2	10.81	30	Pass
ac40	5755	Sum	13.94	30	Pass
ac40	5795	Ant1	11.01	30	Pass
ac40	5795	Ant2	10.79	30	Pass
ac40	5795	Sum	14.02	30	Pass



ac80	5775	Ant1	10.13	30	Pass
ac80	5775	Ant2	10.32	30	Pass
ac80	5775	Sum	13.27	30	Pass
ax20	5745	Ant1	11.27	30	Pass
ax20	5745	Ant2	11.35	30	Pass
ax20	5745	Sum	14.26	30	Pass
ax20	5785	Ant1	11.08	30	Pass
ax20	5785	Ant2	11.45	30	Pass
ax20	5785	Sum	14.32	30	Pass
ax20	5825	Ant1	11.72	30	Pass
ax20	5825	Ant2	11.48	30	Pass
ax20	5825	Sum	14.64	30	Pass
ax40	5755	Ant1	11	30	Pass
ax40	5755	Ant2	11.14	30	Pass
ax40	5755	Sum	13.99	30	Pass
ax40	5795	Ant1	10.99	30	Pass
ax40	5795	Ant2	10.93	30	Pass
ax40	5795	Sum	14.06	30	Pass
ax80	5775	Ant1	10.47	30	Pass
ax80	5775	Ant2	10.52	30	Pass
ax80	5775	Sum	13.33	30	Pass

Note:

The duty factor has been compensated into the result.

3 -6dB Bandwidth

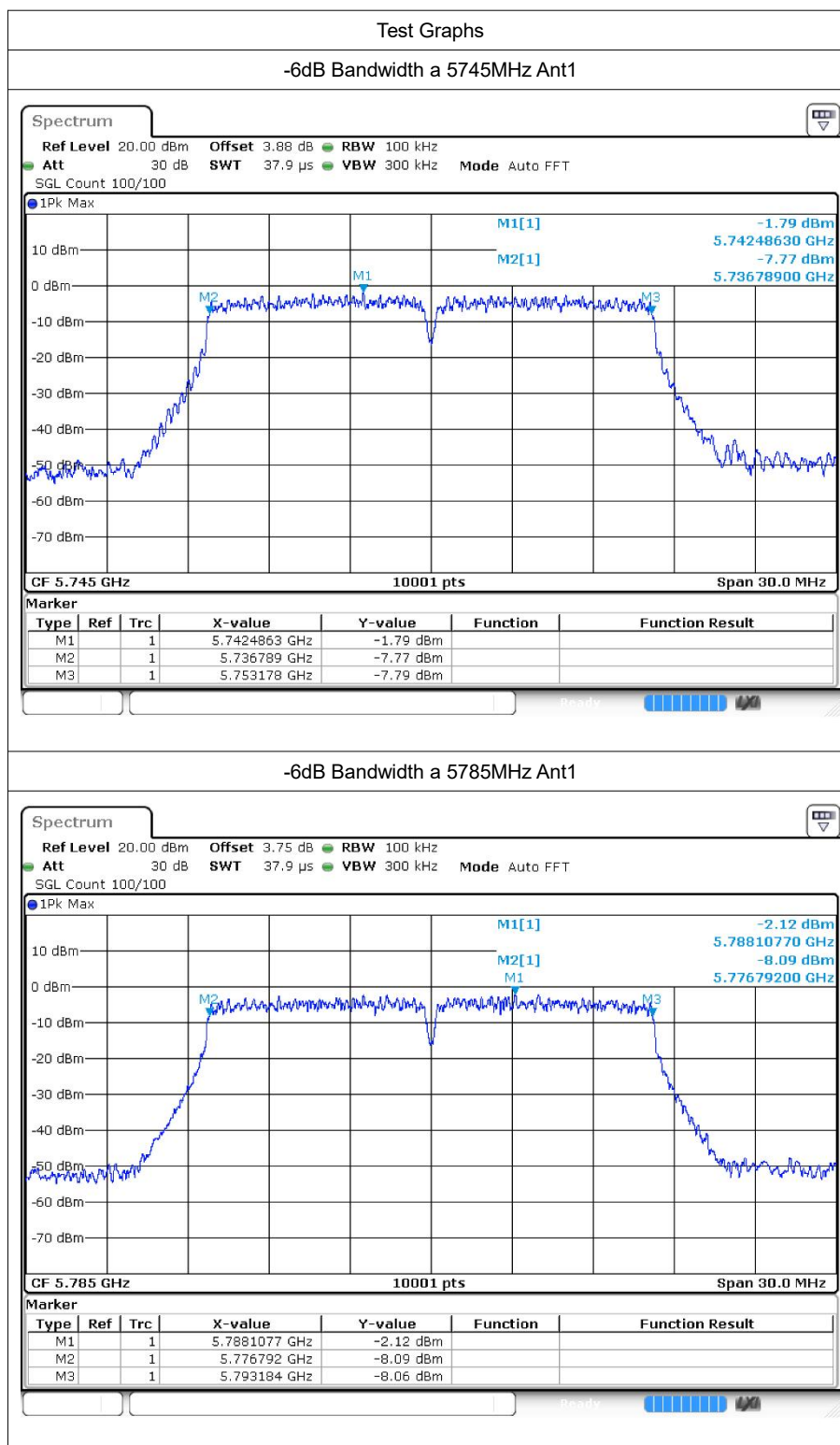
3.1 Test Result

Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a	5745	Ant1	16.389	0.5	Pass
a	5785	Ant1	16.392	0.5	Pass
a	5825	Ant1	16.281	0.5	Pass
n20	5745	Ant1	17.163	0.5	Pass
n20	5785	Ant1	16.797	0.5	Pass
n20	5825	Ant1	17.601	0.5	Pass
n40	5755	Ant1	35.082	0.5	Pass
n40	5795	Ant1	36.33	0.5	Pass
ac20	5745	Ant1	16.752	0.5	Pass
ac20	5785	Ant1	17.625	0.5	Pass
ac20	5825	Ant1	17.577	0.5	Pass
ac40	5755	Ant1	36.276	0.5	Pass
ac40	5795	Ant1	36.36	0.5	Pass
ac80	5775	Ant1	76.524	0.5	Pass
ax20	5745	Ant1	18.996	0.5	Pass
ax20	5785	Ant1	18.927	0.5	Pass
ax20	5825	Ant1	19.002	0.5	Pass
ax40	5755	Ant1	38.082	0.5	Pass
ax40	5795	Ant1	37.218	0.5	Pass
ax80	5775	Ant1	77.064	0.5	Pass
a	5745	Ant2	16.296	0.5	Pass
a	5785	Ant2	16.509	0.5	Pass
a	5825	Ant2	16.476	0.5	Pass
n20	5745	Ant2	17.631	0.5	Pass
n20	5785	Ant2	17.664	0.5	Pass
n20	5825	Ant2	17.529	0.5	Pass
n40	5755	Ant2	36.318	0.5	Pass
n40	5795	Ant2	36.318	0.5	Pass
ac20	5745	Ant2	17.649	0.5	Pass
ac20	5785	Ant2	17.682	0.5	Pass
ac20	5825	Ant2	17.676	0.5	Pass
ac40	5755	Ant2	36.348	0.5	Pass
ac40	5795	Ant2	36.366	0.5	Pass
ac80	5775	Ant2	76.32	0.5	Pass
ax20	5745	Ant2	18.891	0.5	Pass
ax20	5785	Ant2	18.774	0.5	Pass
ax20	5825	Ant2	19.023	0.5	Pass

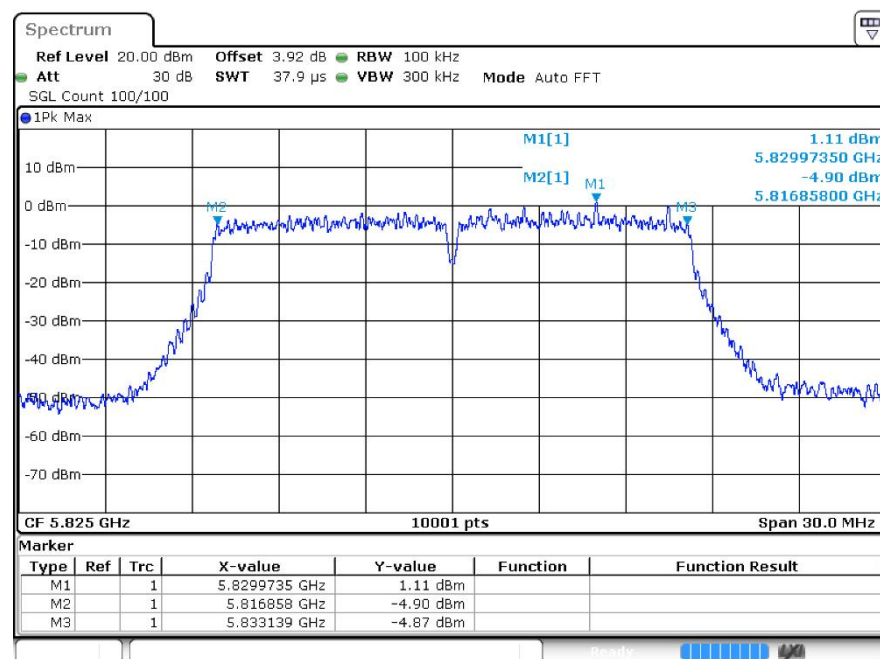


ax40	5755	Ant2	37.824	0.5	Pass
ax40	5795	Ant2	38.058	0.5	Pass
ax80	5775	Ant2	77.472	0.5	Pass

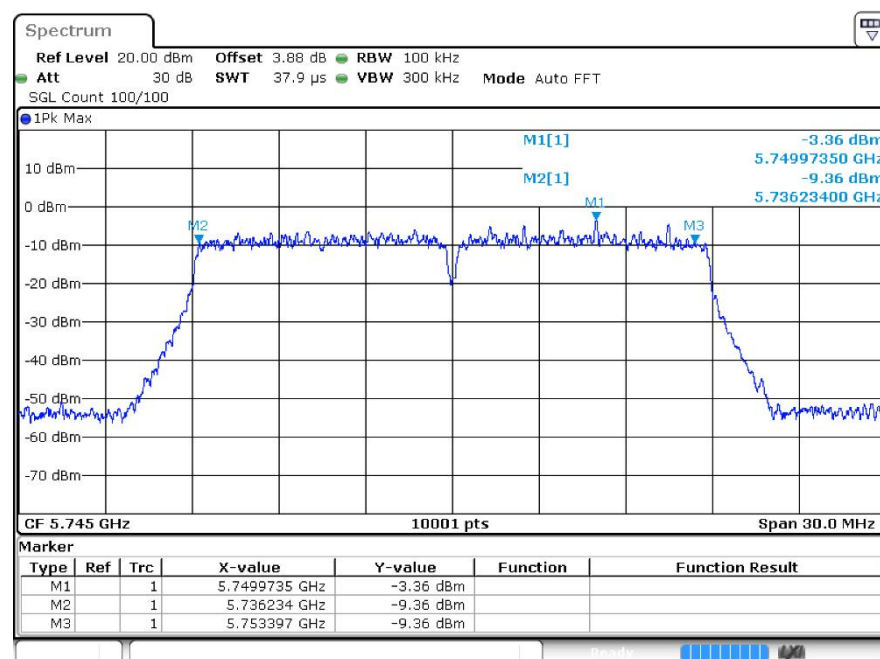
3.2 Test Graphs



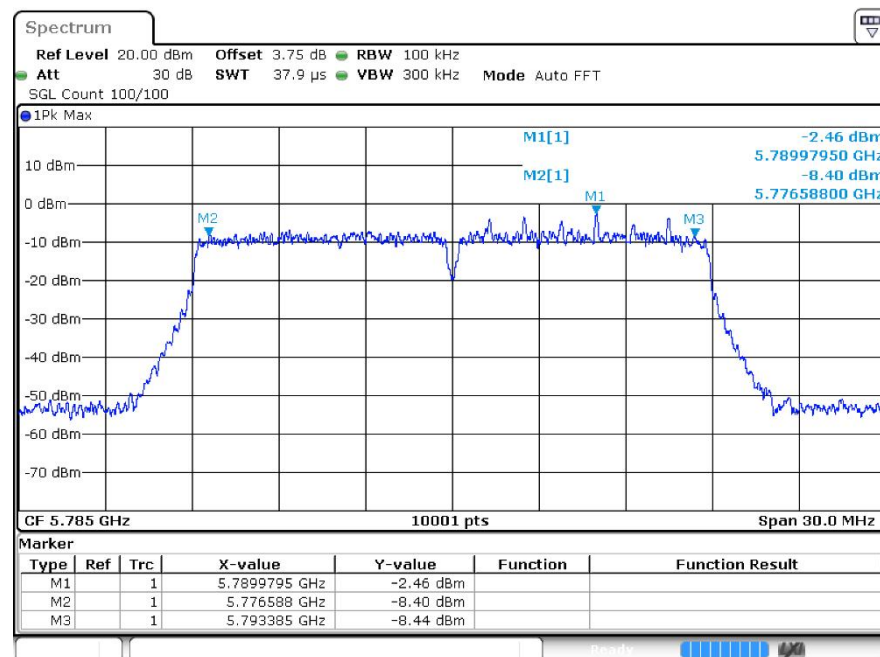
-6dB Bandwidth a 5825MHz Ant1



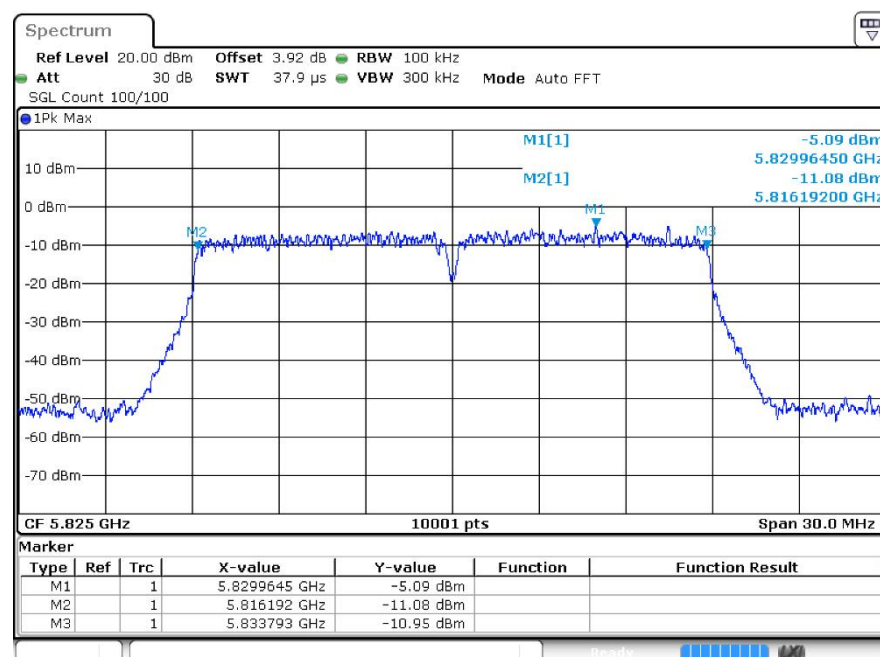
-6dB Bandwidth n20 5745MHz Ant1



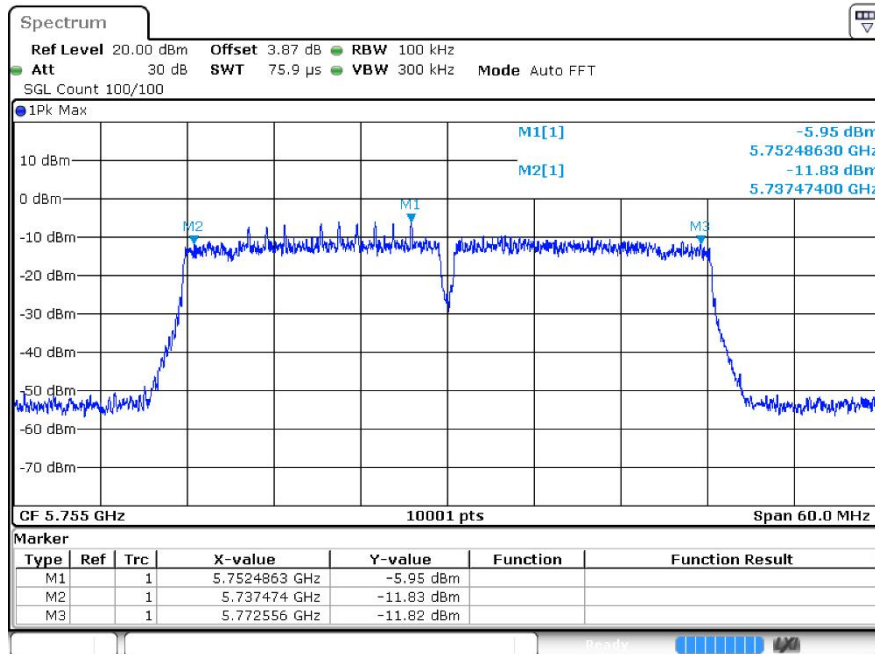
-6dB Bandwidth n20 5785MHz Ant1



-6dB Bandwidth n20 5825MHz Ant1



-6dB Bandwidth n40 5755MHz Ant1



-6dB Bandwidth n40 5795MHz Ant1

