



Appendix D_Test Data

for B1-B3 WIFI

Conducted Measurement

Product Name: All-in-One WorkStation

Trade Mark: AUO Display Plus

Test Model: GA27QTA01.X

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen



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1 Duty Cycle

1.1 Test Result

Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
a	5180	Ant1	86.85	0.61	0.72
a	5200	Ant1	86.83	0.61	0.71
a	5240	Ant1	86.78	0.62	0.72
a	5260	Ant1	86.68	0.62	0.72
a	5280	Ant1	86.73	0.62	0.72
a	5320	Ant1	86.76	0.62	0.71
a	5500	Ant1	86.82	0.62	0.72
a	5600	Ant1	86.69	0.61	0.72
a	5700	Ant1	86.74	0.62	0.71
a	5180	Ant2	84.9	0.71	0.71
a	5200	Ant2	86.87	0.61	0.71
a	5240	Ant2	86.69	0.62	0.72
a	5260	Ant2	86.81	0.61	0.71
a	5280	Ant2	86.8	0.61	0.72
a	5320	Ant2	86.89	0.61	0.72
a	5500	Ant2	86.77	0.62	0.72
a	5600	Ant2	86.99	0.61	0.71
a	5700	Ant2	86.69	0.62	0.71
n20	5180	Ant1	85.99	0.66	0.77
n20	5200	Ant1	85.88	0.66	0.77
n20	5240	Ant1	85.94	0.66	0.77
n20	5260	Ant1	86.26	0.64	0.77
n20	5280	Ant1	85.93	0.66	0.77
n20	5320	Ant1	85.88	0.66	0.77
n20	5500	Ant1	86.12	0.65	0.77
n20	5600	Ant1	86.14	0.65	0.77
n20	5700	Ant1	85.92	0.66	0.77
n20	5180	Ant2	86.09	0.65	0.77
n20	5200	Ant2	85.97	0.66	0.77
n20	5240	Ant2	85.9	0.66	0.76
n20	5260	Ant2	85.88	0.66	0.77
n20	5280	Ant2	86	0.65	0.77
n20	5320	Ant2	85.97	0.66	0.77
n20	5500	Ant2	85.99	0.66	0.77
n20	5600	Ant2	86.06	0.65	0.77
n20	5700	Ant2	86.01	0.65	0.77
n40	5190	Ant1	52.03	2.84	5

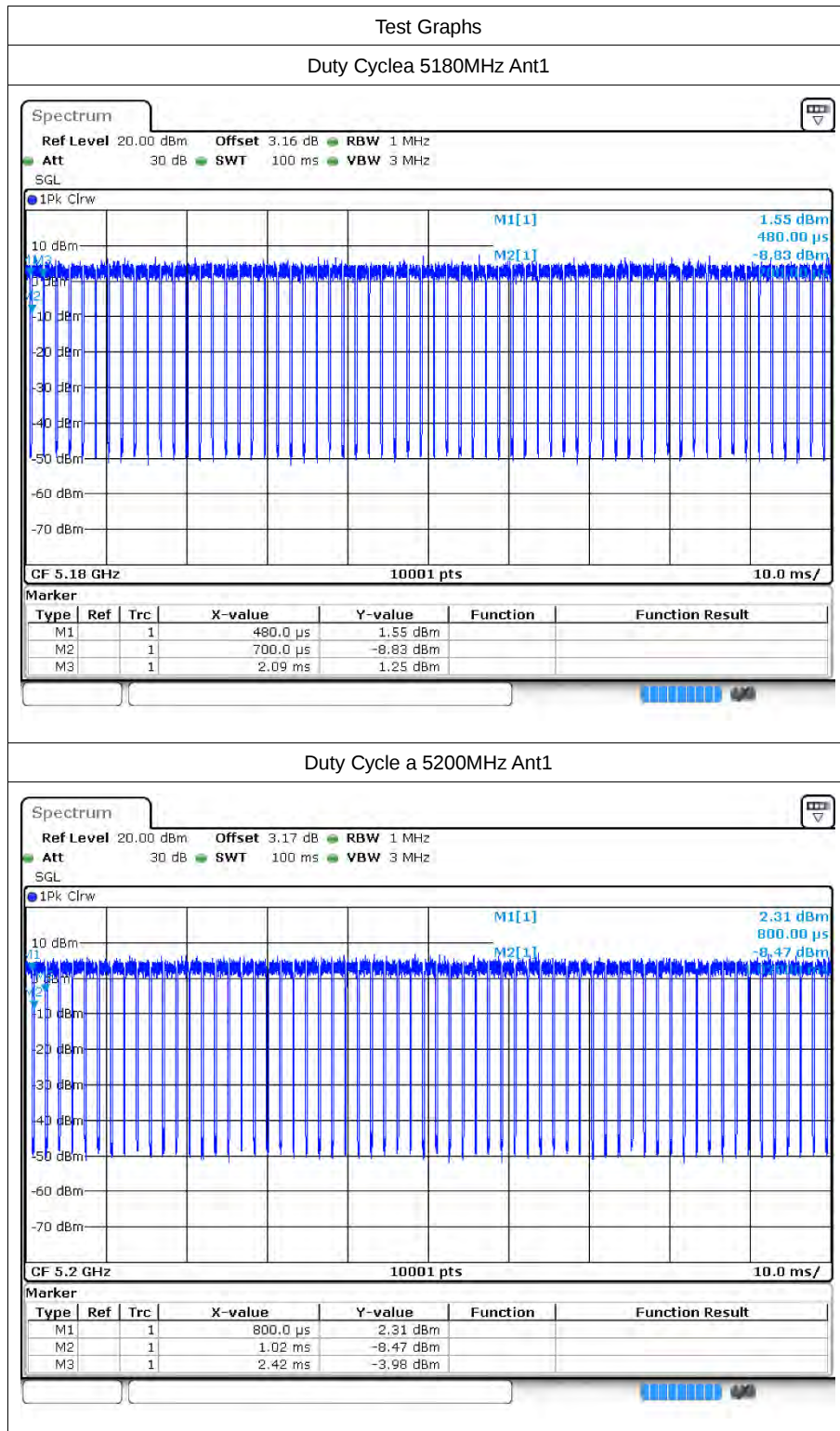


n40	5230	Ant1	52.08	2.83	5.26
n40	5270	Ant1	52.08	2.83	5
n40	5310	Ant1	52	2.84	5.26
n40	5510	Ant1	52.1	2.83	5.26
n40	5670	Ant1	50.41	2.97	5
n40	5190	Ant2	50	3.01	5.56
n40	5230	Ant2	47.49	3.23	5.88
n40	5270	Ant2	49.95	3.02	5.26
n40	5310	Ant2	47.51	3.23	5.88
n40	5510	Ant2	50.04	3.01	5.26
n40	5670	Ant2	50.09	3	5.26
ac20	5180	Ant1	76.54	1.16	1.47
ac20	5200	Ant1	73.84	1.32	1.47
ac20	5240	Ant1	76.37	1.17	1.47
ac20	5260	Ant1	76.25	1.18	1.47
ac20	5280	Ant1	76.35	1.17	1.47
ac20	5320	Ant1	76.32	1.17	1.47
ac20	5500	Ant1	76.43	1.17	1.47
ac20	5600	Ant1	76.46	1.17	1.47
ac20	5700	Ant1	76.31	1.17	1.47
ac20	5180	Ant2	76.36	1.17	1.47
ac20	5200	Ant2	76.28	1.18	1.47
ac20	5240	Ant2	76.45	1.17	1.47
ac20	5260	Ant2	76.46	1.17	1.47
ac20	5280	Ant2	76.46	1.17	1.47
ac20	5320	Ant2	76.34	1.17	1.47
ac20	5500	Ant2	76.47	1.16	1.47
ac20	5600	Ant2	76.34	1.17	1.47
ac20	5700	Ant2	76.41	1.17	1.47
ac40	5190	Ant1	46	3.37	8.33
ac40	5230	Ant1	46.22	3.35	8.33
ac40	5310	Ant1	46.03	3.37	8.33
ac40	5270	Ant1	46.05	3.37	8.33
ac40	5510	Ant1	46.25	3.35	8.33
ac40	5670	Ant1	45.93	3.38	7.69
ac40	5190	Ant2	42.75	3.69	9.09
ac40	5230	Ant2	42.97	3.67	8.33
ac40	5270	Ant2	42.83	3.68	9.09
ac40	5310	Ant2	42.78	3.69	8.33
ac40	5510	Ant2	43.61	3.6	8.33
ac40	5670	Ant2	43.34	3.63	8.33
ac80	5210	Ant1	43.83	3.58	8.33
ac80	5290	Ant1	40.41	3.94	9.09

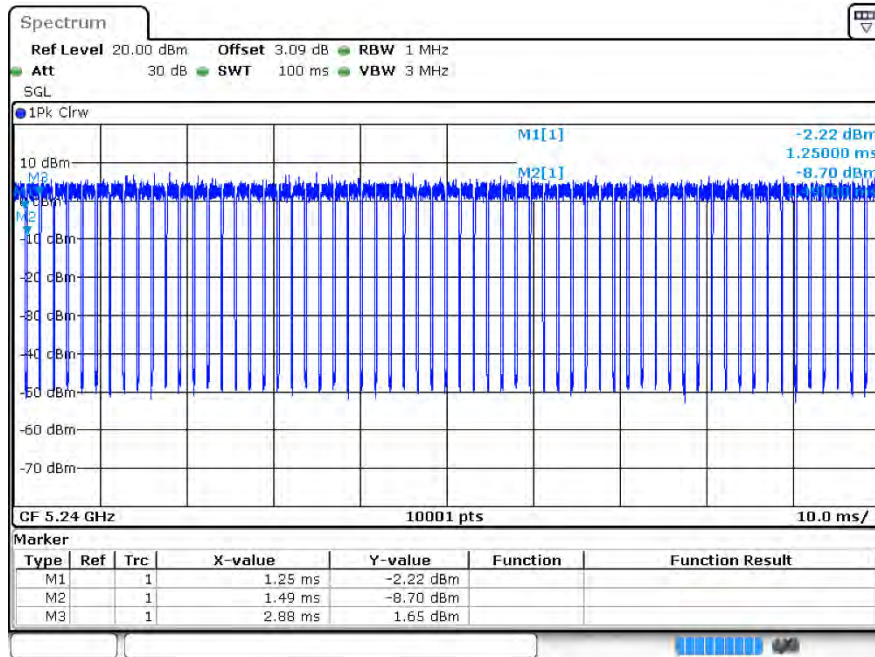


ac80	5530	Ant1	40.59	3.92	8.33
ac80	5610	Ant1	37.42	4.27	10
ac80	5210	Ant2	38.32	4.17	10
ac80	5530	Ant2	41.1	3.86	9.09
ac80	5610	Ant2	41.64	3.81	8.33
ax20	5180	Ant1	53.15	2.74	5
ax20	5200	Ant1	53.13	2.75	5
ax20	5240	Ant1	53.12	2.75	5
ax20	5260	Ant1	53.12	2.75	5
ax20	5280	Ant1	53.06	2.75	5
ax20	5320	Ant1	53.2	2.74	5
ax20	5500	Ant1	53.28	2.73	5
ax20	5600	Ant1	53.13	2.75	5
ax20	5700	Ant1	53.26	2.74	4.76
ax20	5180	Ant2	53.2	2.74	5
ax20	5200	Ant2	53.19	2.74	5
ax20	5240	Ant2	53.16	2.74	5
ax20	5260	Ant2	53.15	2.74	5
ax20	5280	Ant2	53.1	2.75	5
ax20	5320	Ant2	53.1	2.75	5
ax20	5500	Ant2	51.3	2.9	5
ax20	5600	Ant2	53.09	2.75	4.76
ax20	5700	Ant2	53.06	2.75	5
ax40	5190	Ant1	52.25	2.82	5
ax40	5230	Ant1	52.21	2.82	5
ax40	5310	Ant1	52.17	2.83	5
ax40	5270	Ant1	52.23	2.82	5
ax40	5510	Ant1	52.29	2.82	5
ax40	5670	Ant1	52.25	2.82	4.76
ax40	5190	Ant2	50.29	2.98	5
ax40	5230	Ant2	50.34	2.98	5
ax40	5270	Ant2	49.66	3.04	5.26
ax40	5310	Ant2	50.42	2.97	5
ax40	5510	Ant2	50.26	2.99	5.26
ax40	5670	Ant2	50.28	2.99	5
ax80	5210	Ant1	46.93	3.29	5.56
ax80	5290	Ant1	45.2	3.45	5.88
ax80	5530	Ant1	45.07	3.46	5.56
ax80	5610	Ant1	45.04	3.46	5.56
ax80	5210	Ant2	43.75	3.59	5.56
ax80	5530	Ant2	45.5	3.42	5.56
ax80	5610	Ant2	46.97	3.28	5.26

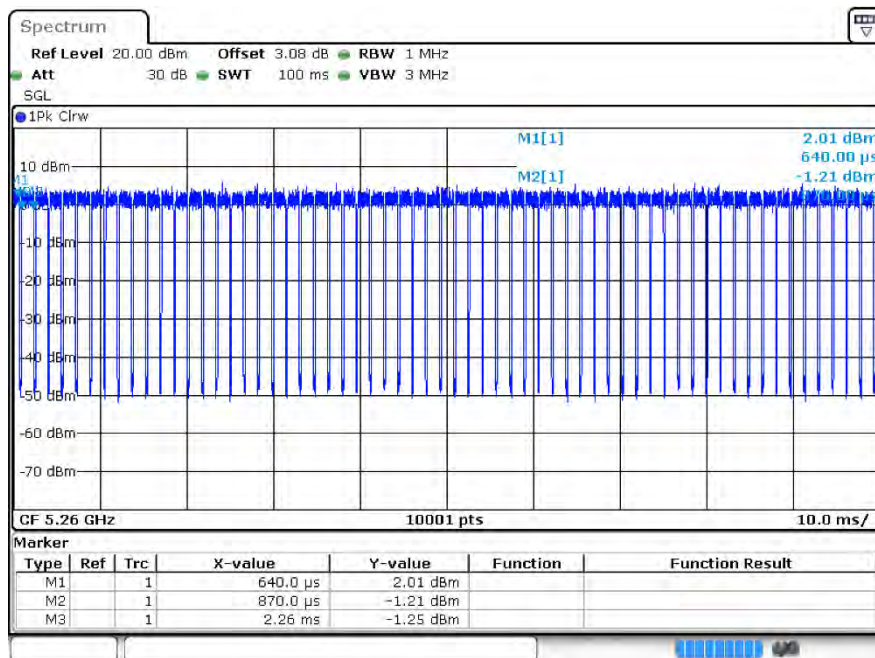
Test Graphs



Duty Cycle 5240MHz Ant1



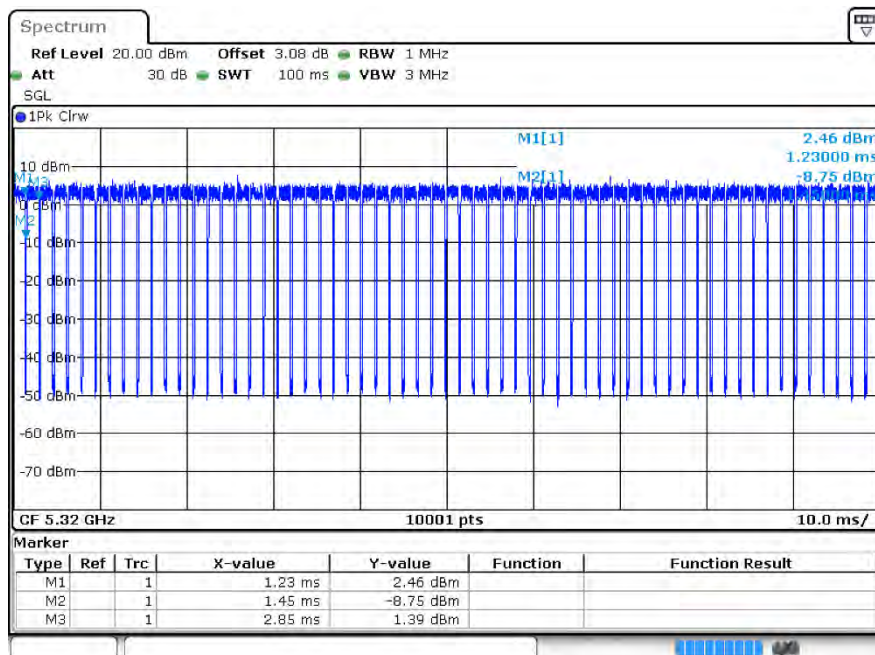
Duty Cycle a 5260MHz Ant1



Duty Cycle 5280MHz Ant1



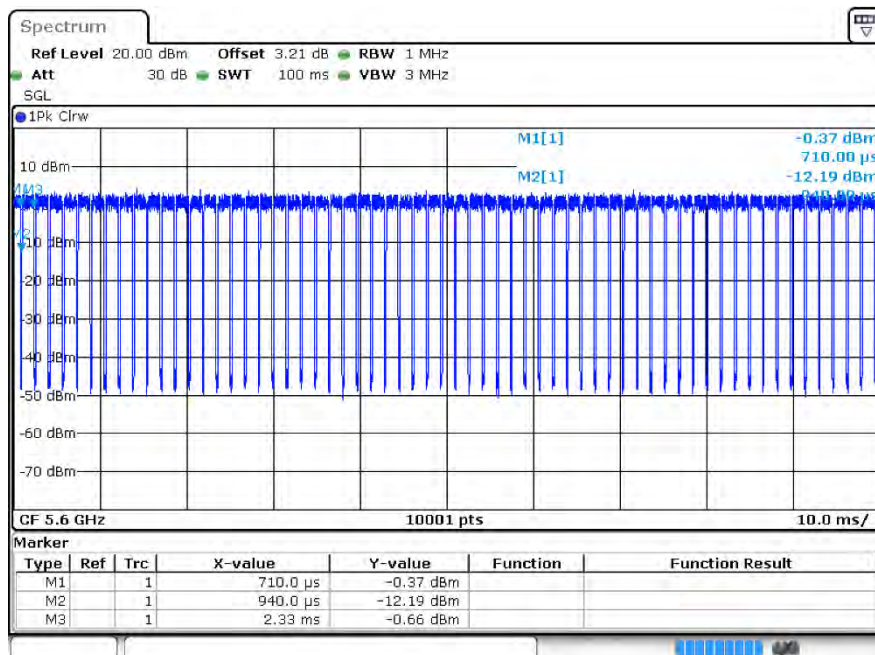
Duty Cycle a 5320MHz Ant1

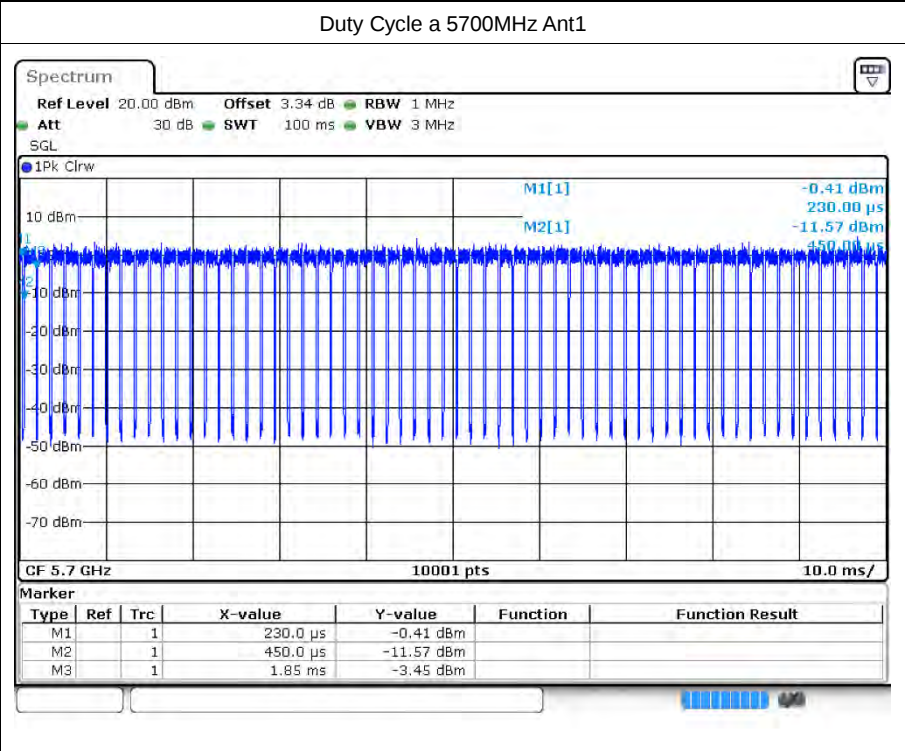


Duty Cycle 5500MHz Ant1



Duty Cycle a 5600MHz Ant1

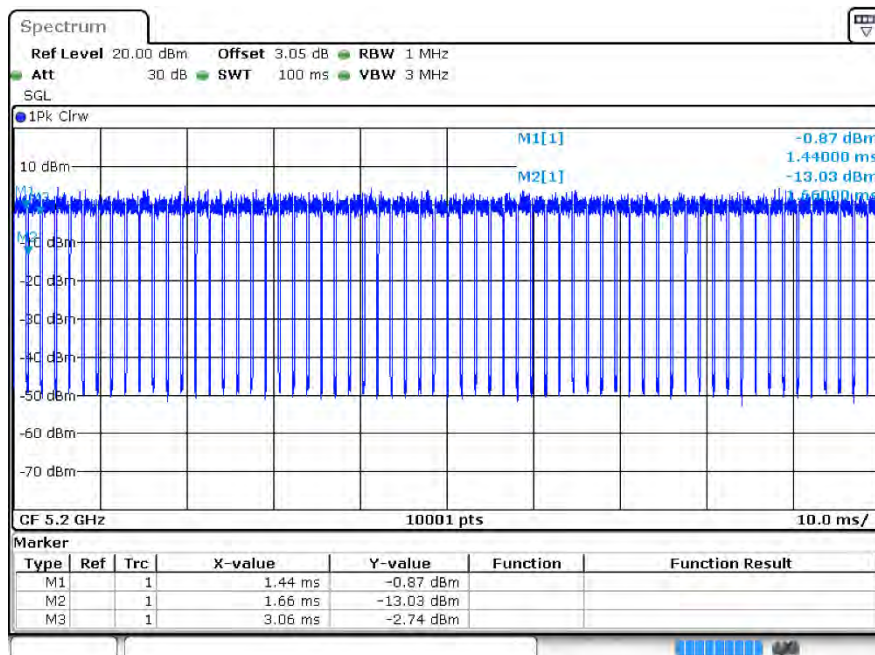




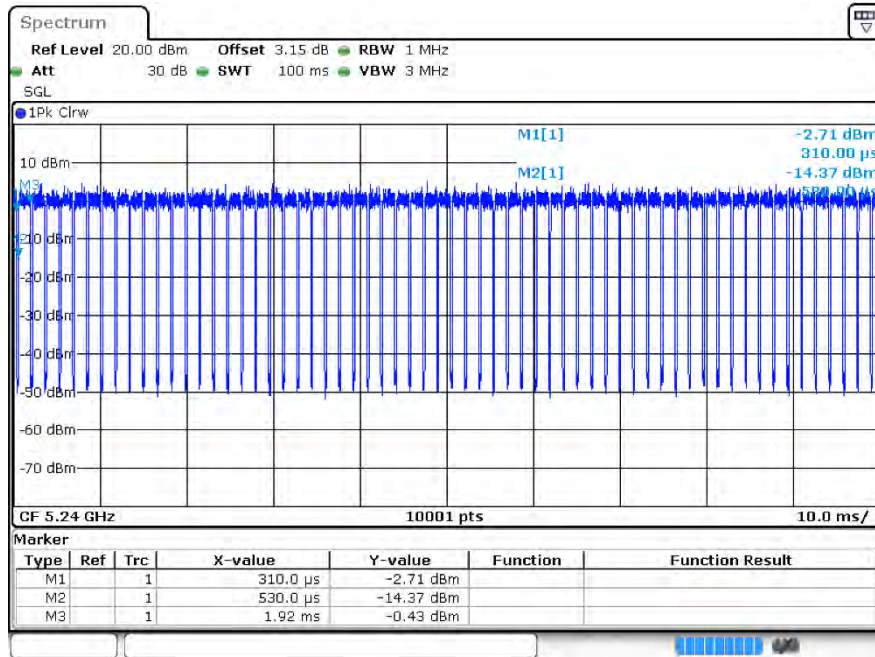
Duty Cycle 5180MHz Ant2



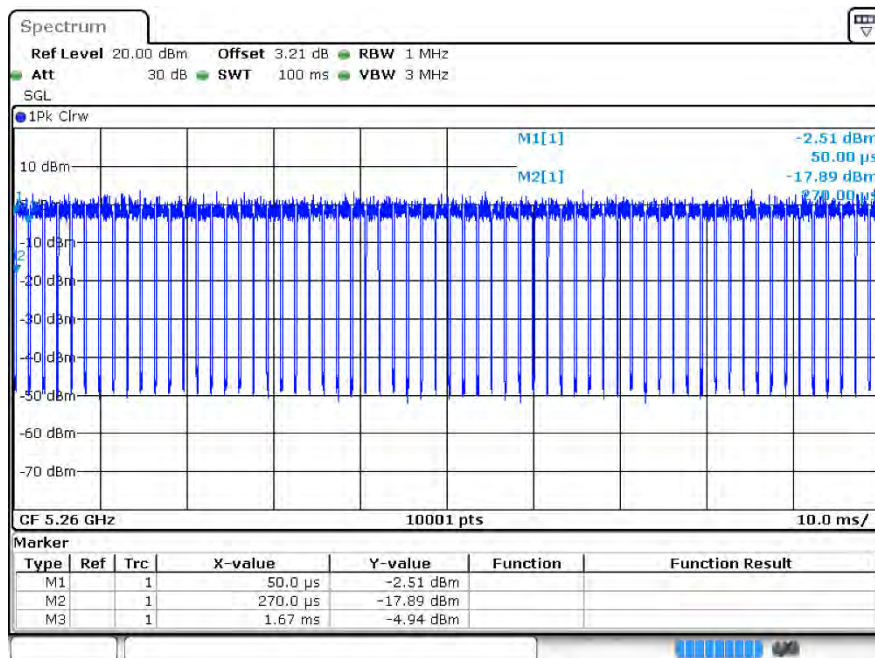
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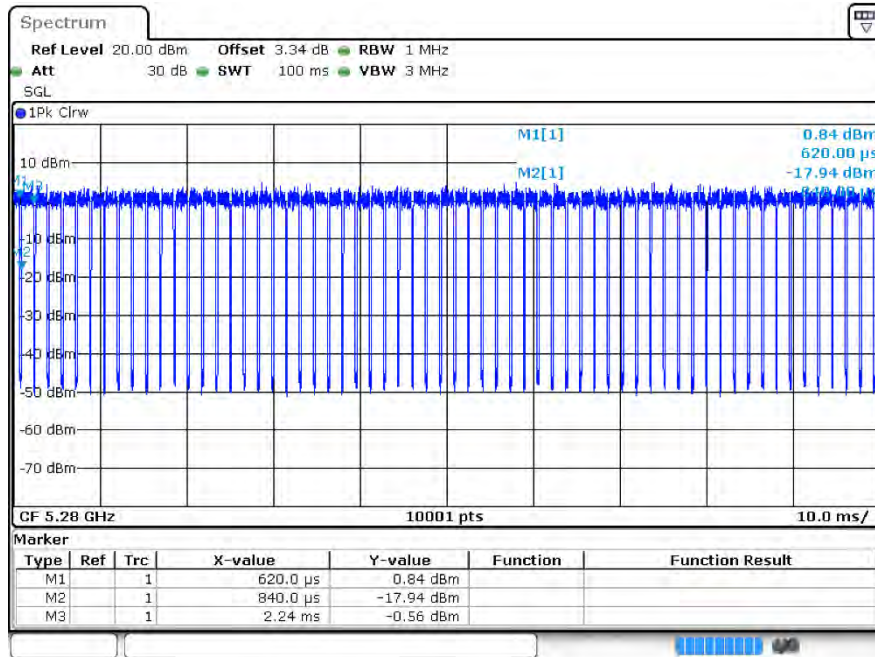
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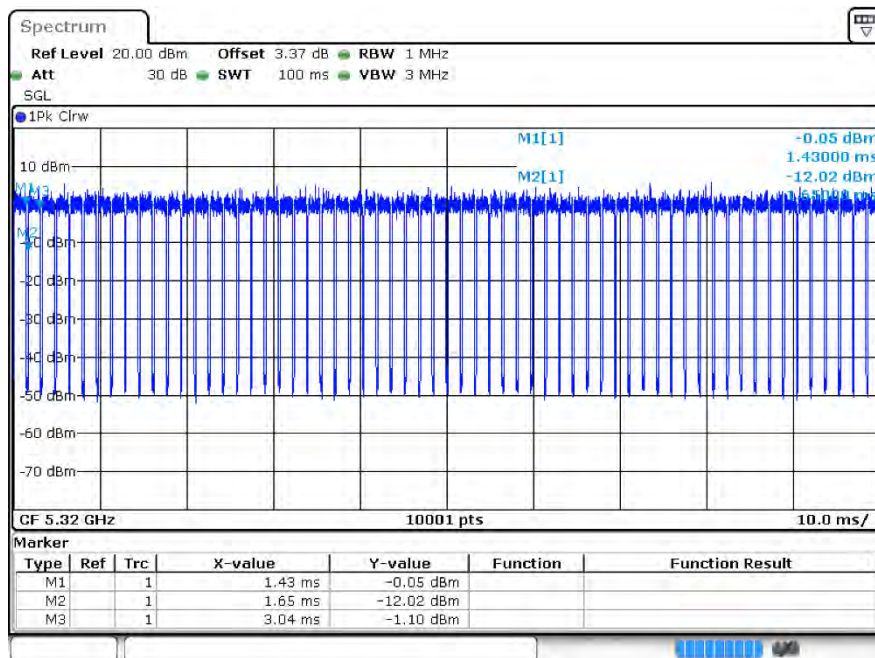
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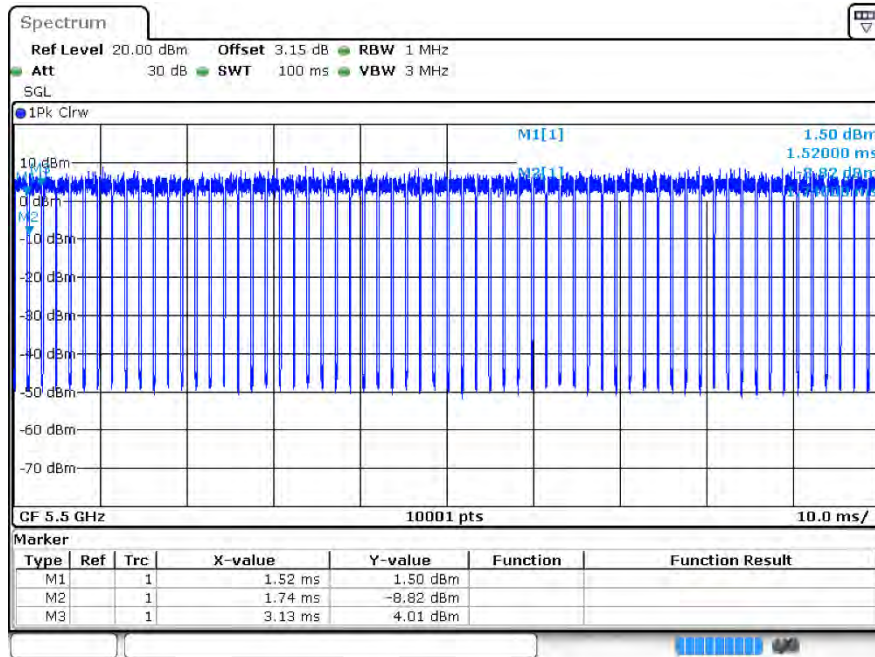
Duty Cycle 5280MHz Ant2



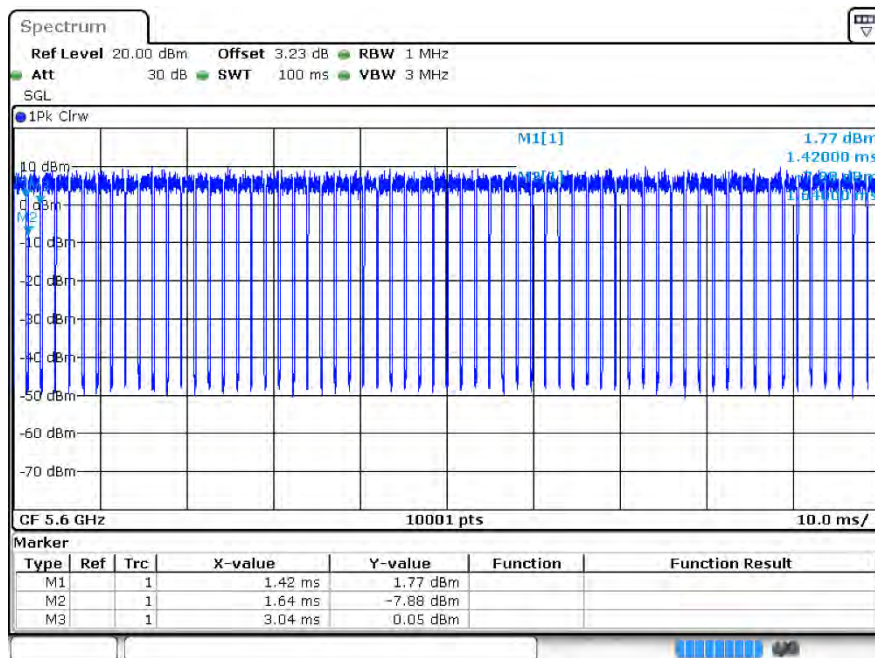
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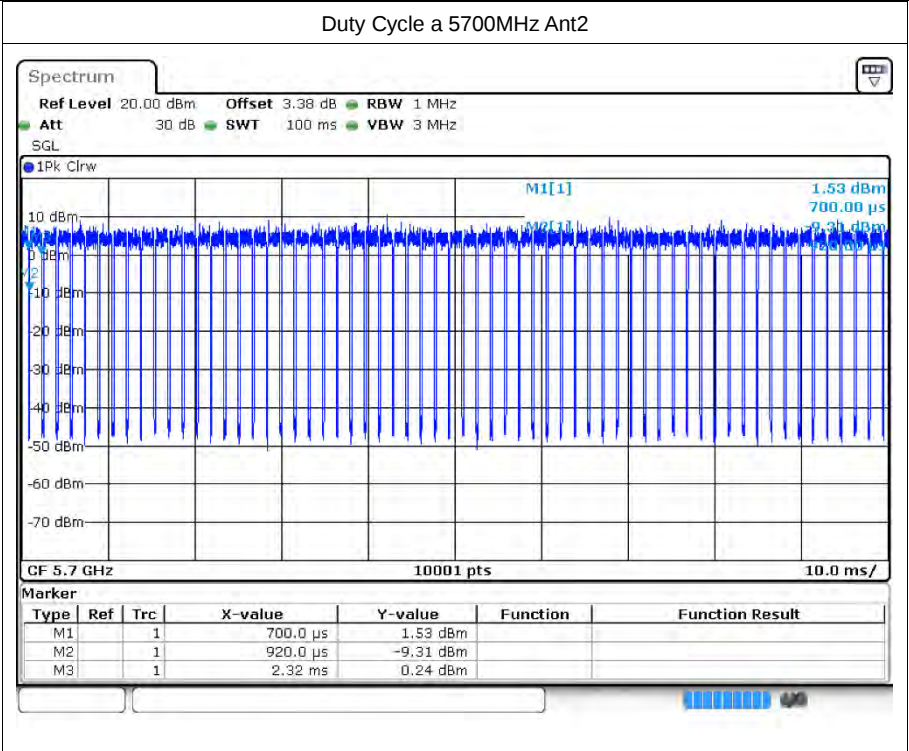


Duty Cyclea 5500MHz Ant2

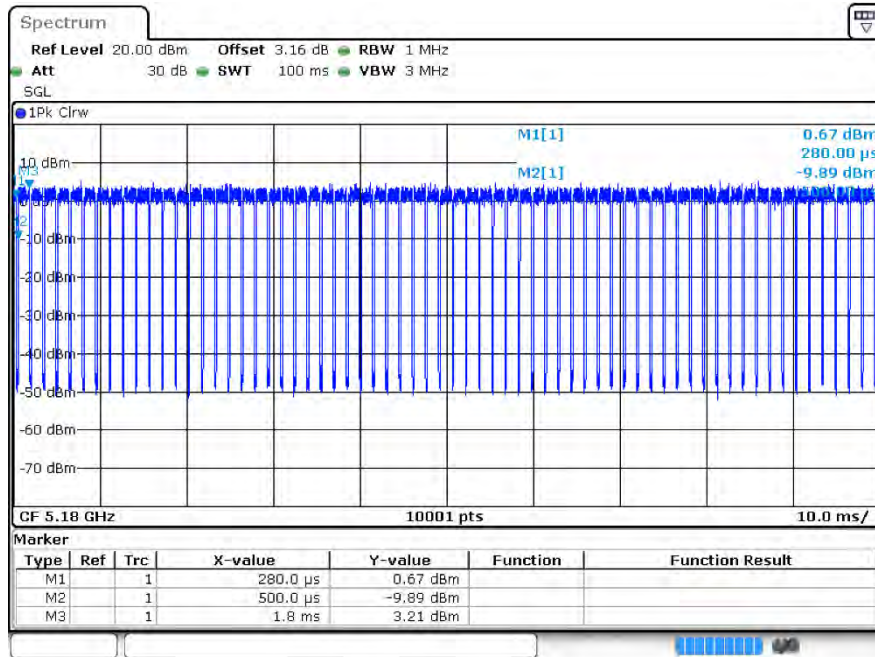


Duty Cycle a 5600MHz Ant2

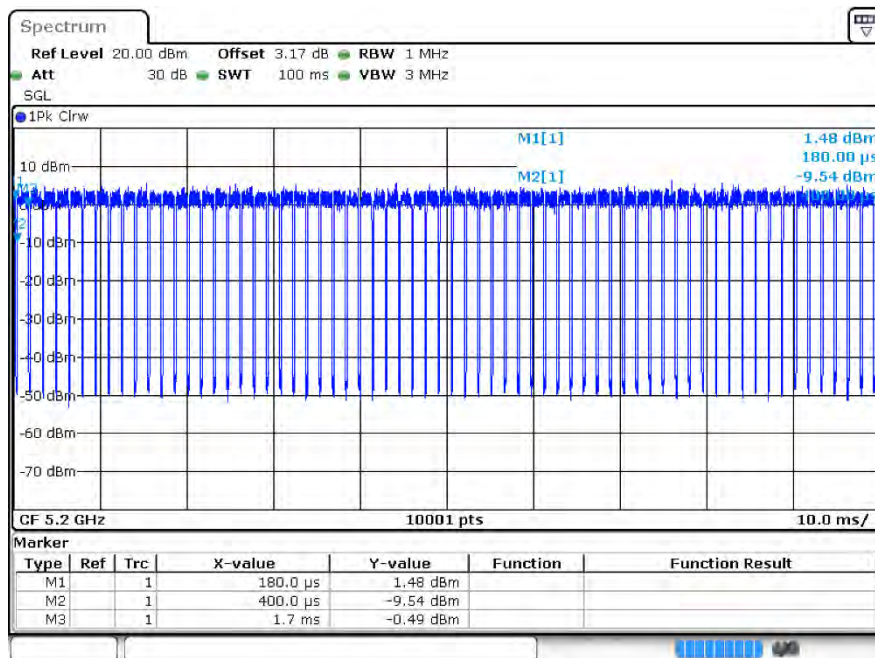




Duty Cycle n20 5180MHz Ant1



Duty Cycle n20 5200MHz Ant1

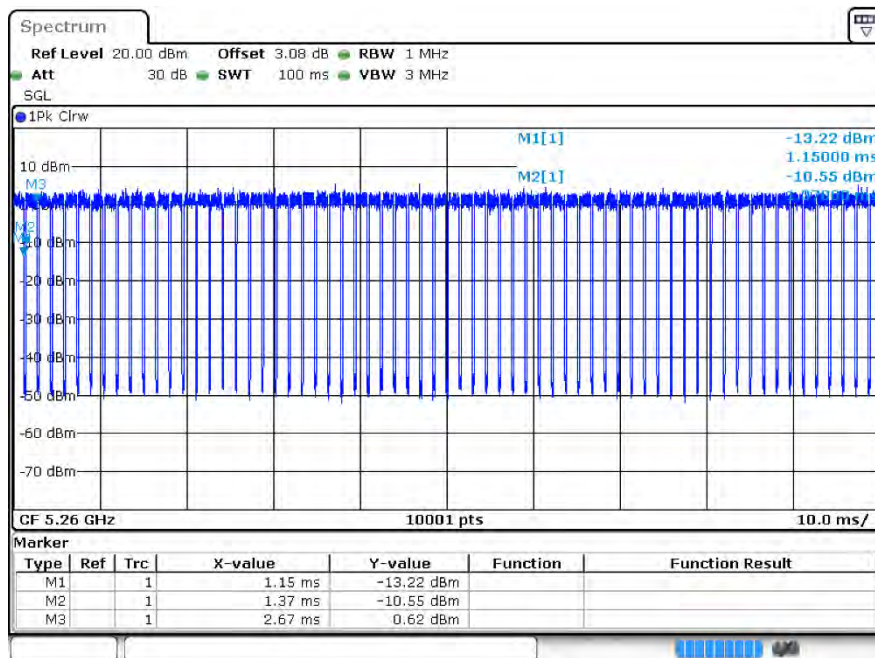




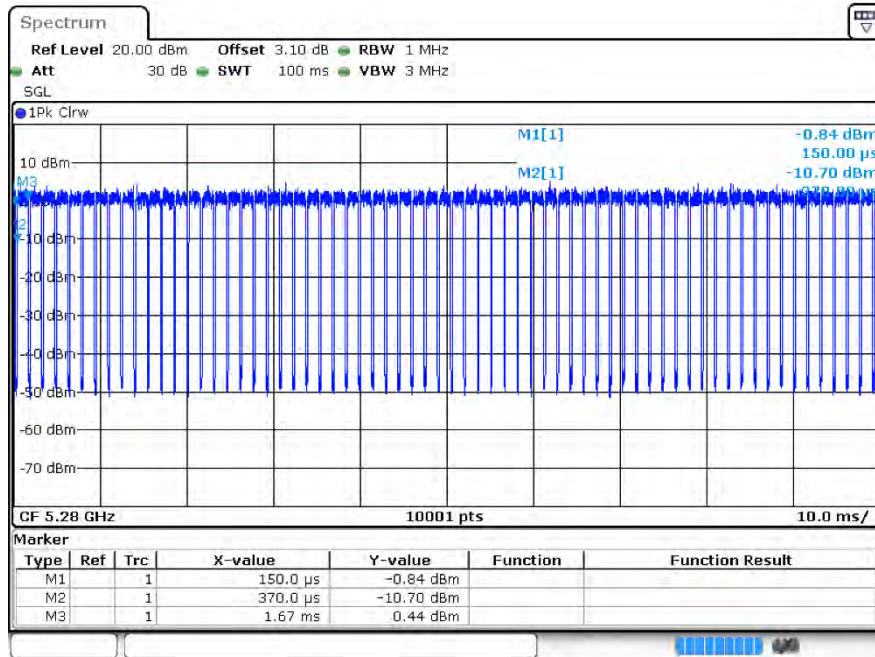
Duty Cycle n20 5240MHz Ant1



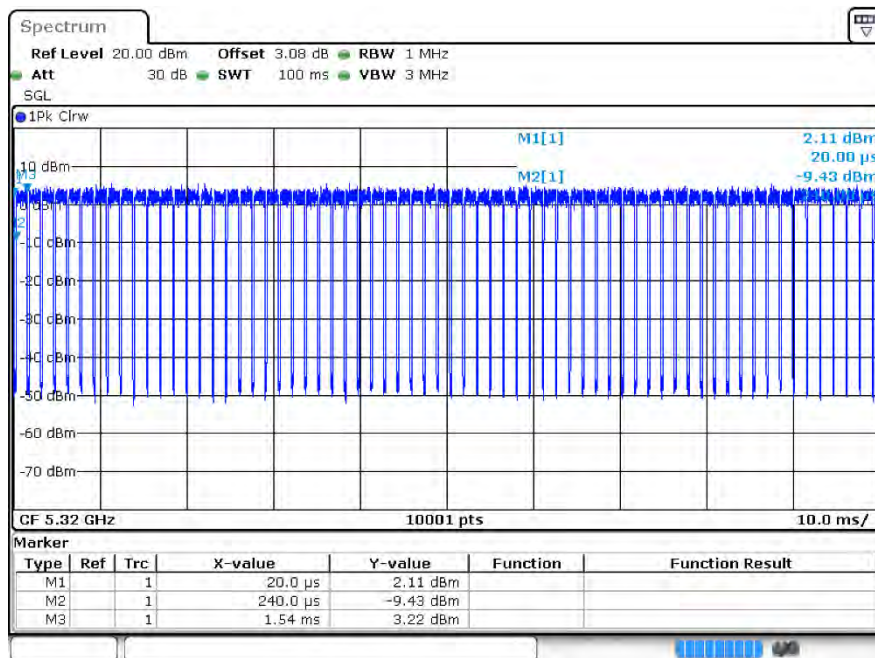
Duty Cycle n20 5260MHz Ant1



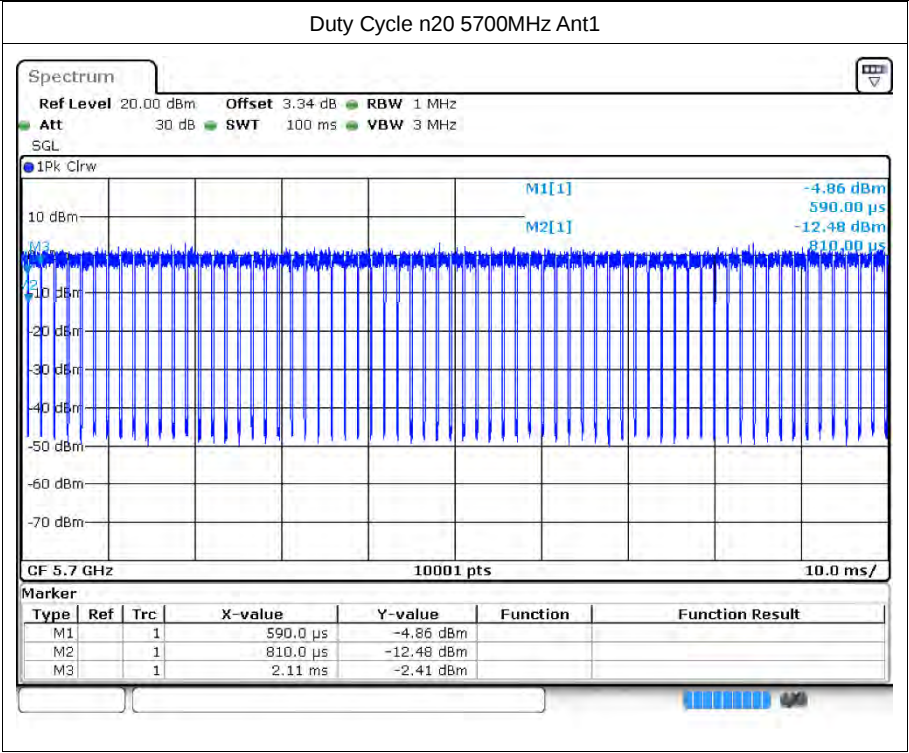
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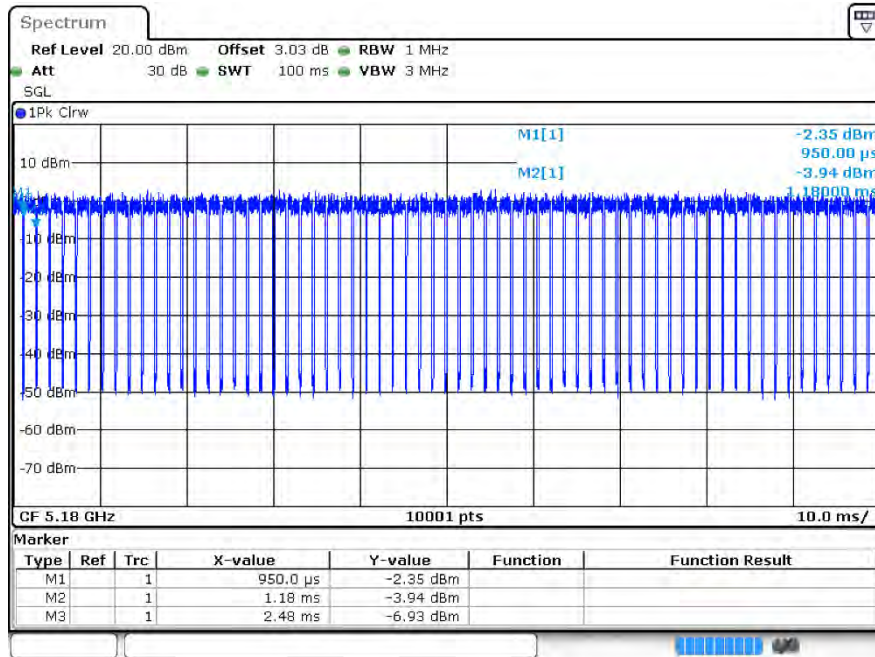
Duty Cycle n20 5320MHz Ant1







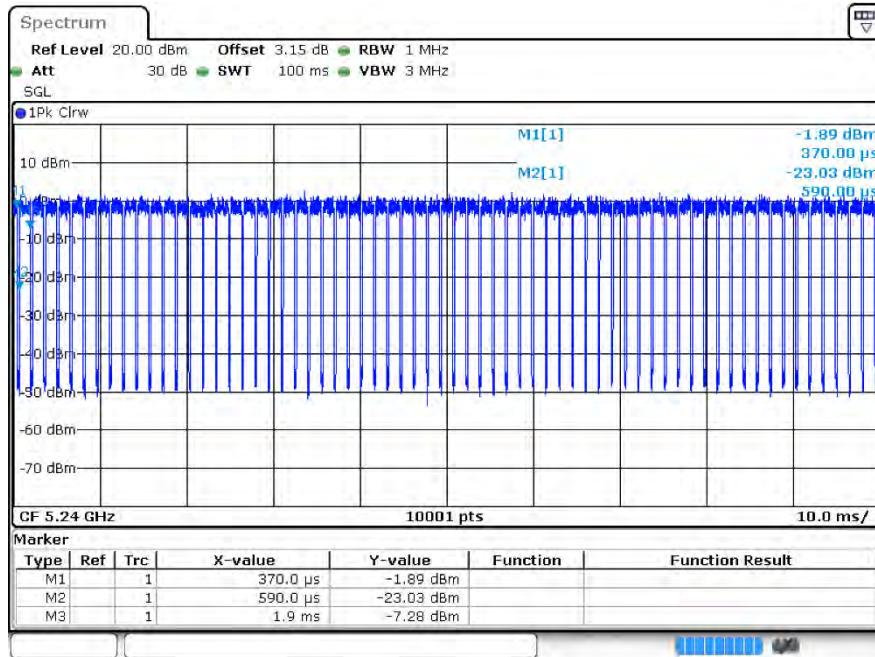
Duty Cycle n20 5180MHz Ant2



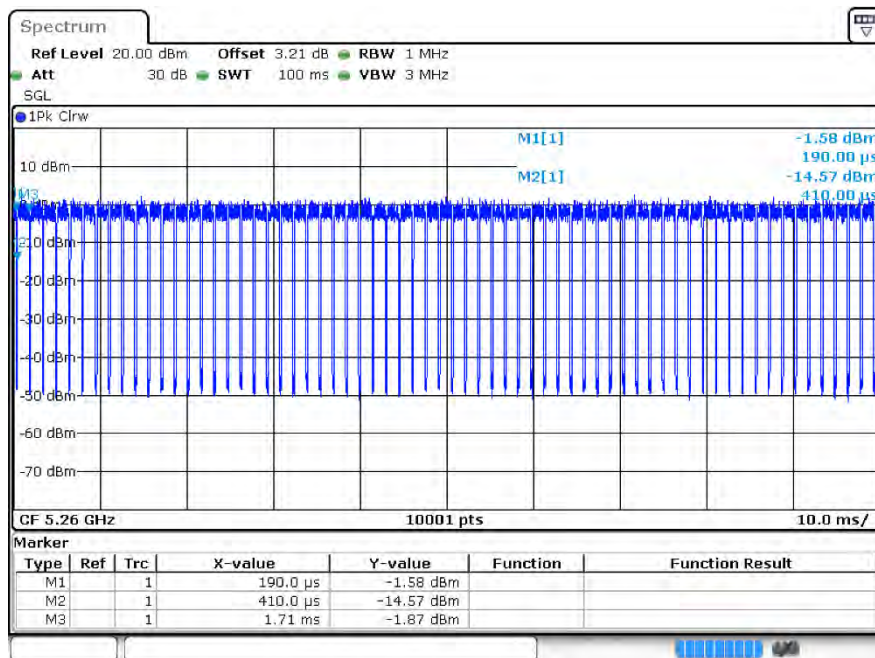
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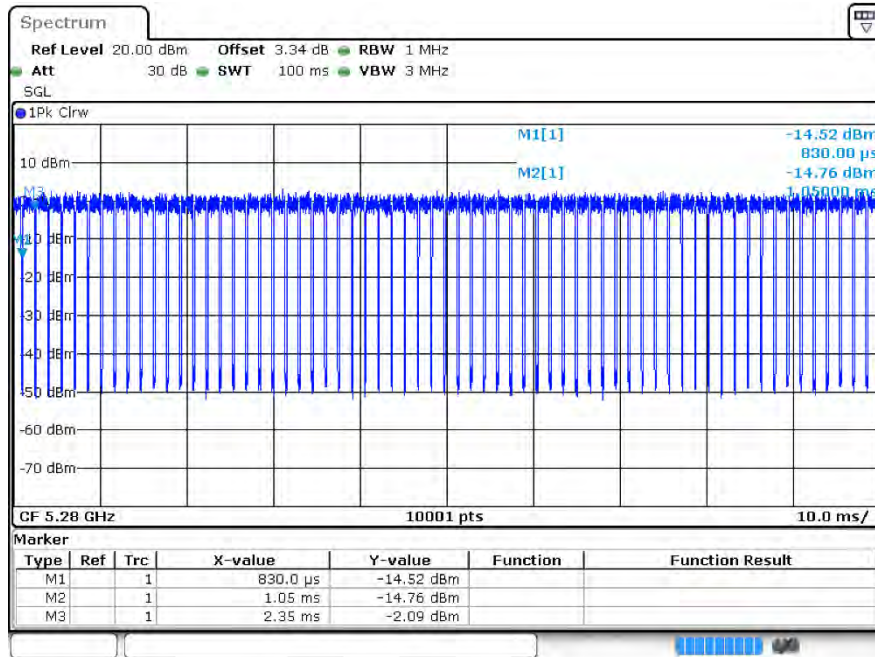
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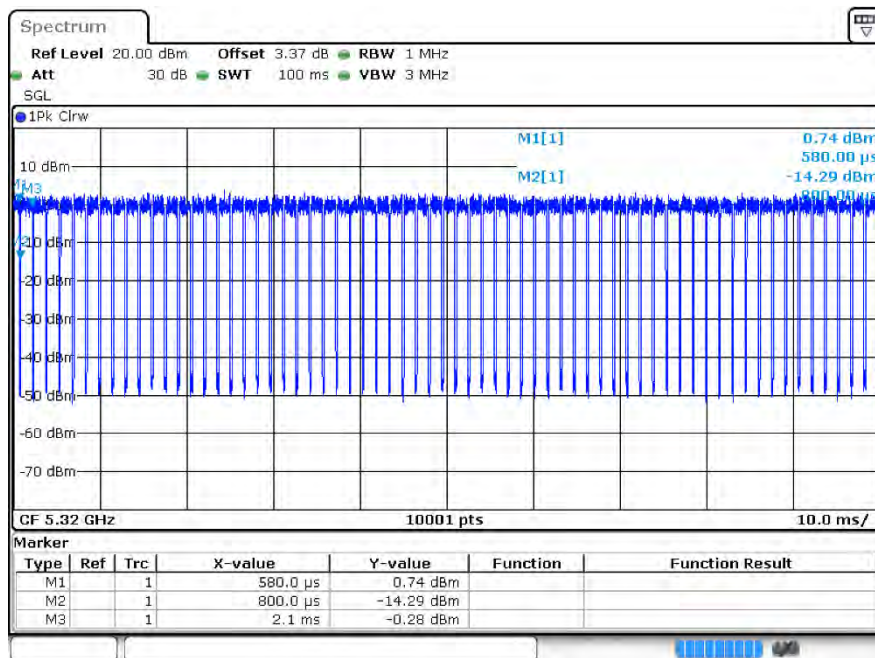
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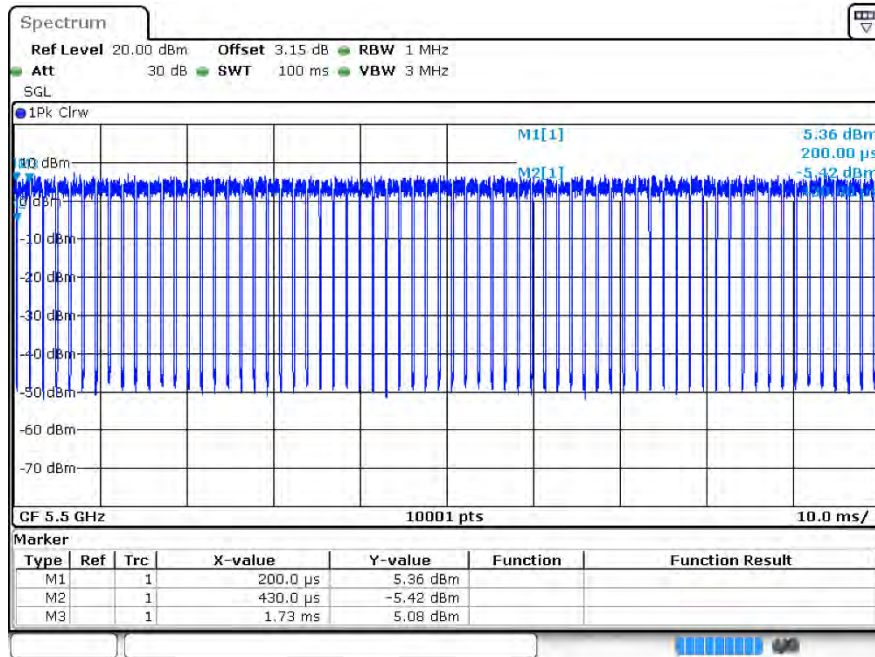
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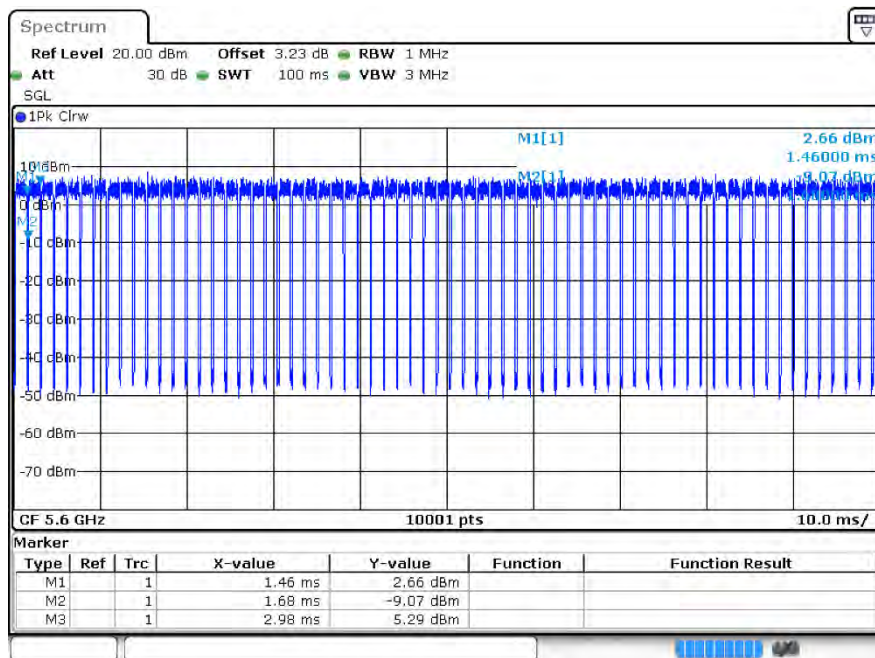
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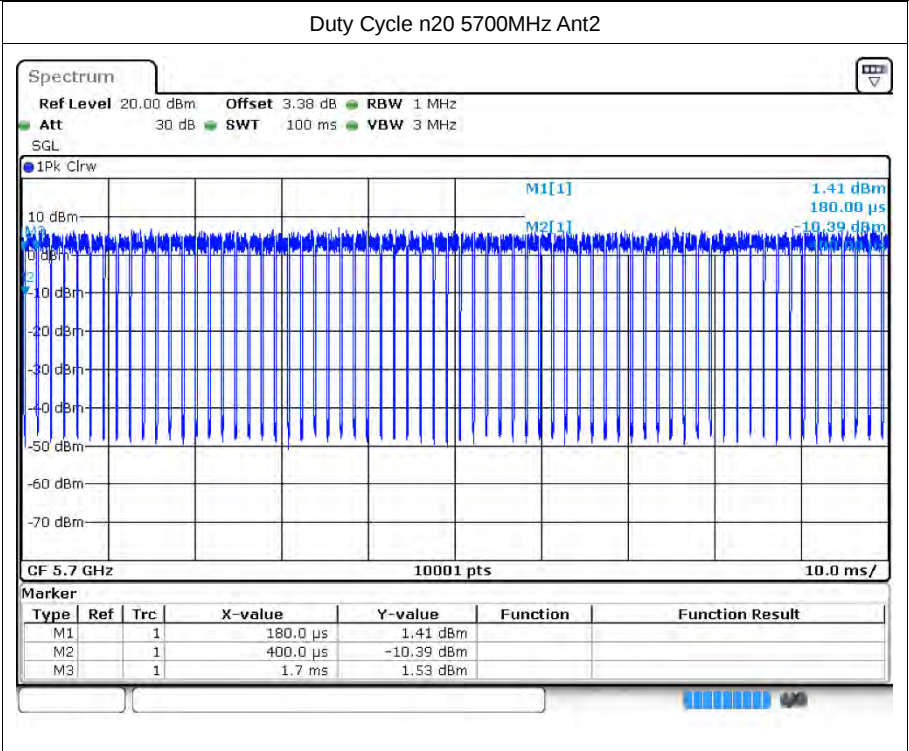


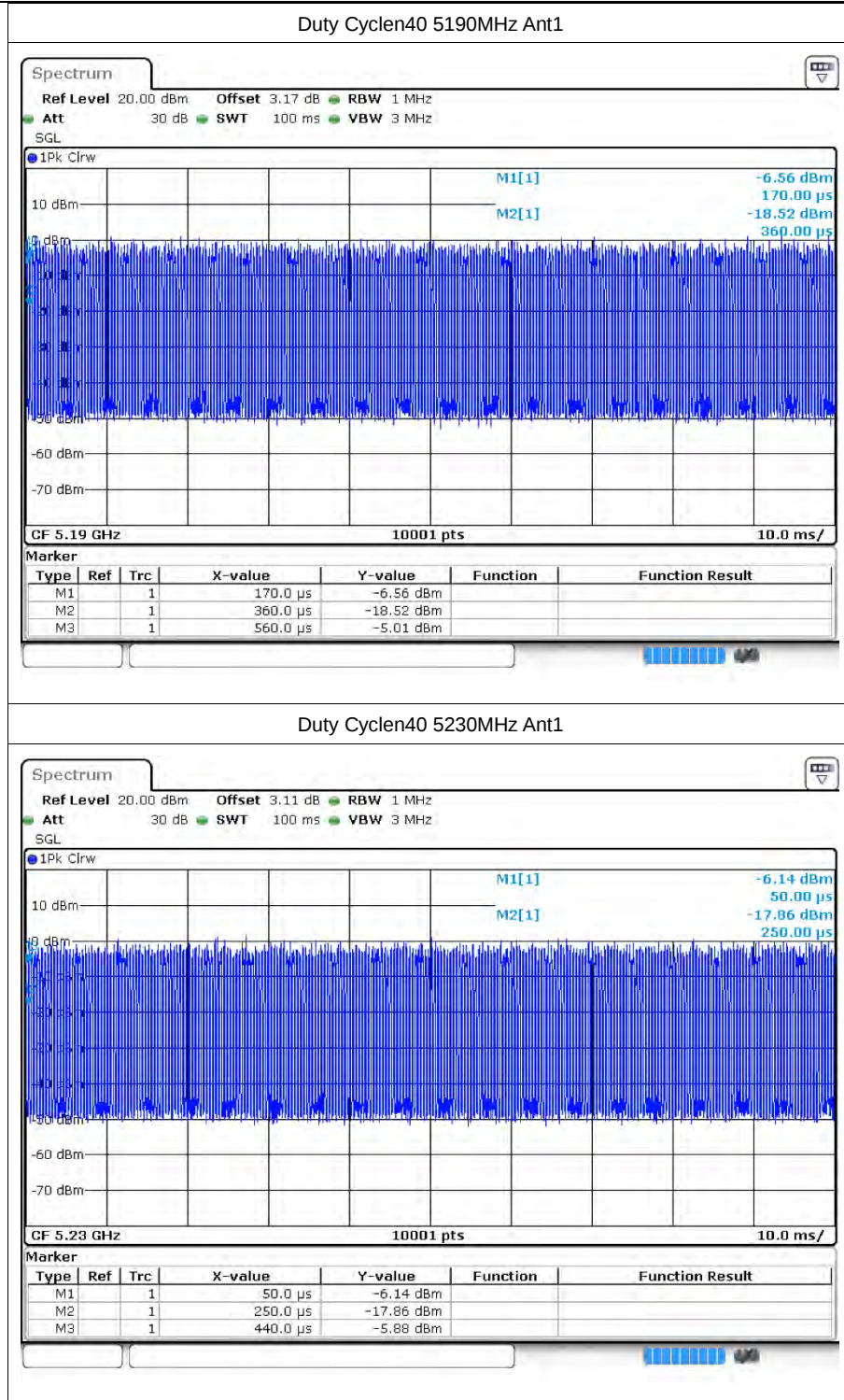
Duty Cycle n20 5500MHz Ant2



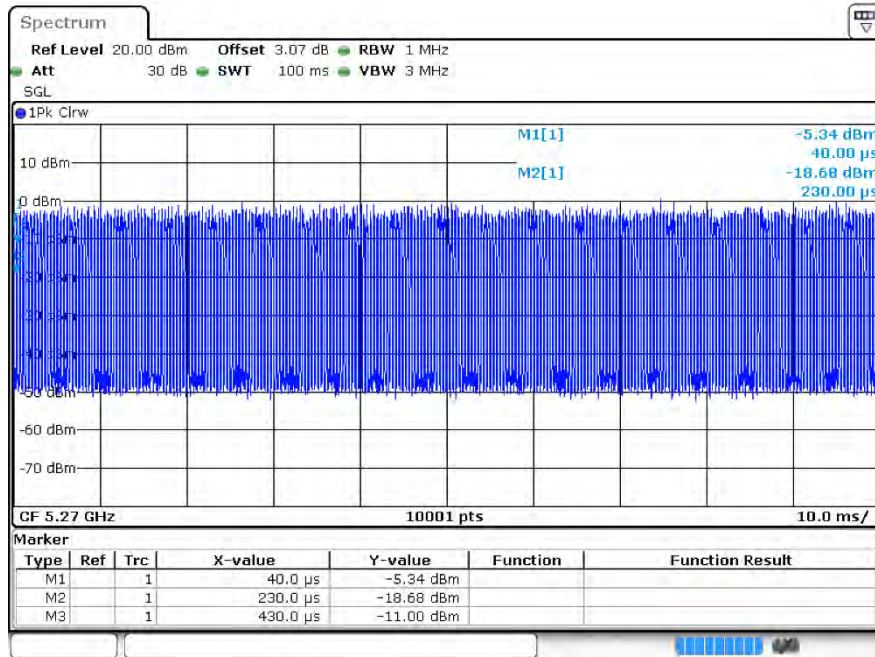
Duty Cycle n20 5600MHz Ant2



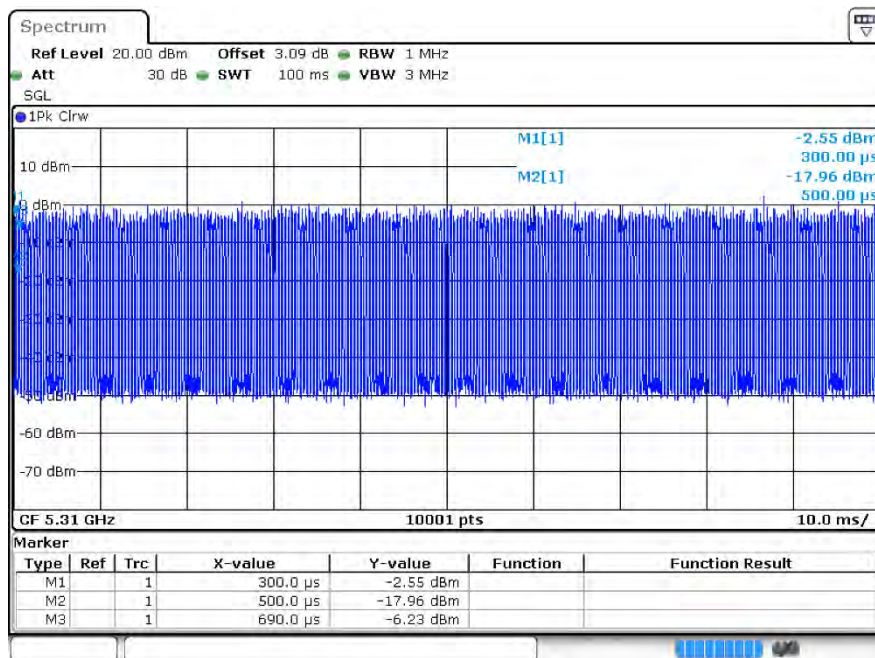




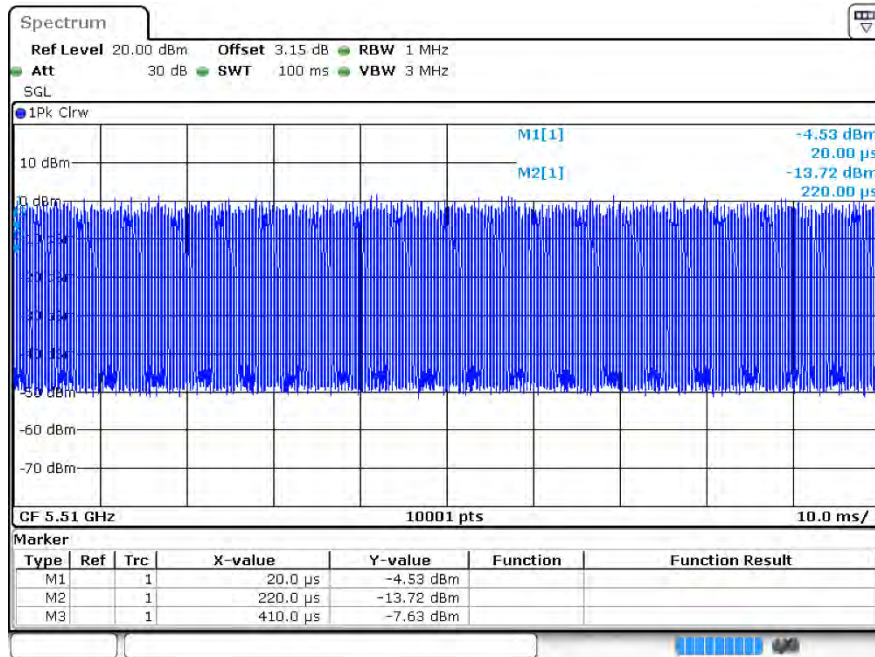
Duty Cyclen40 5270MHz Ant1



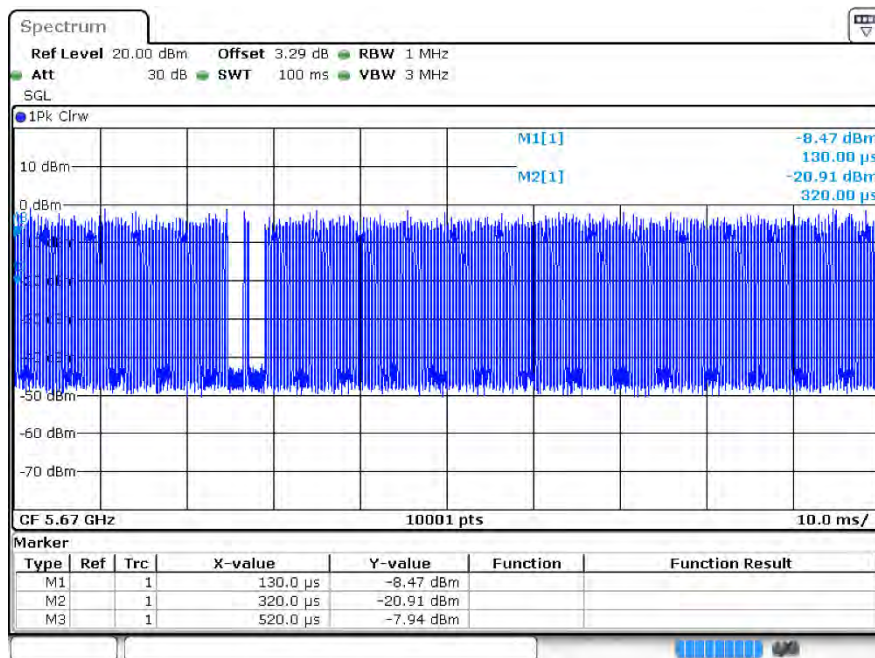
Duty Cycle n40 5310MHz Ant1

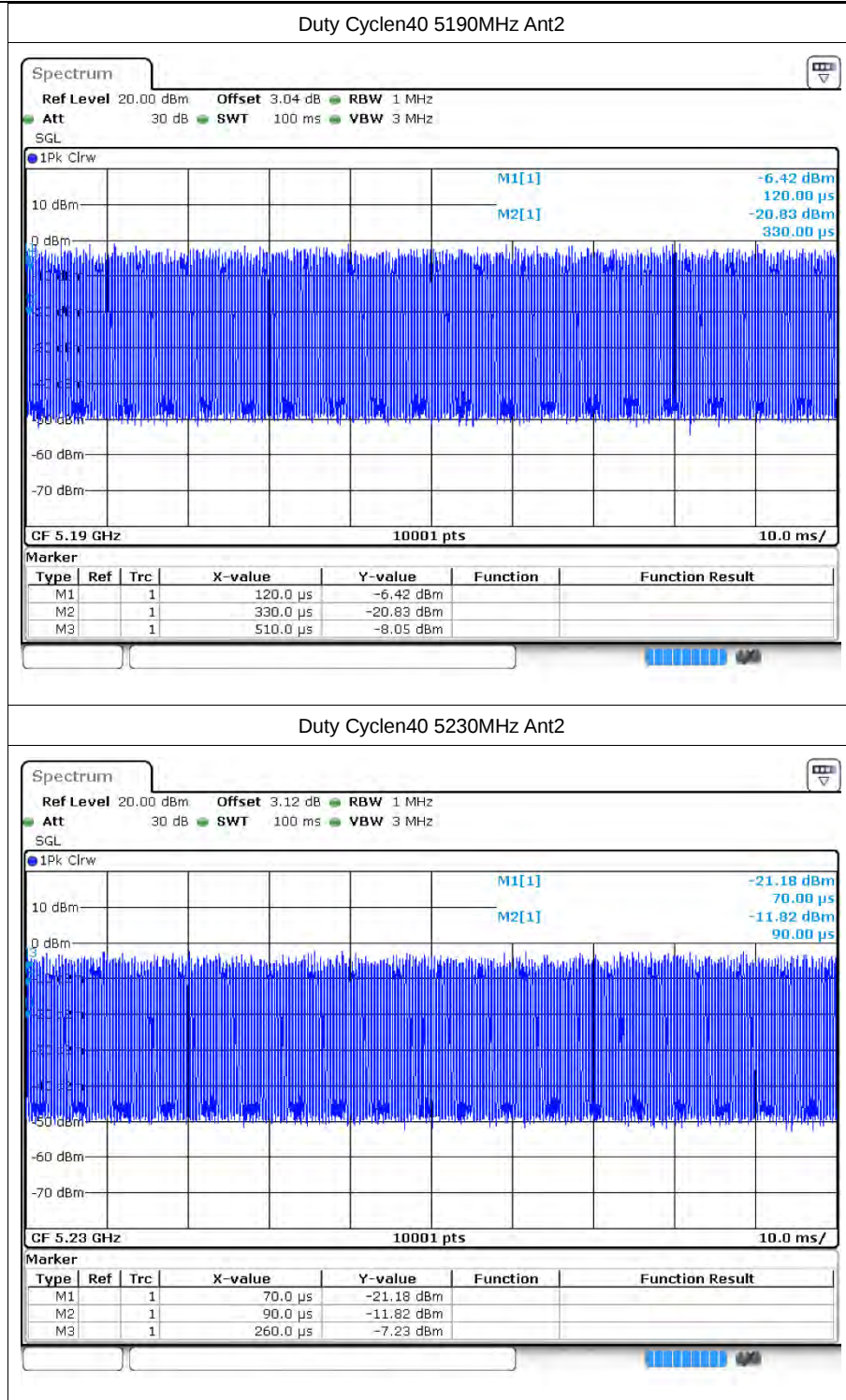


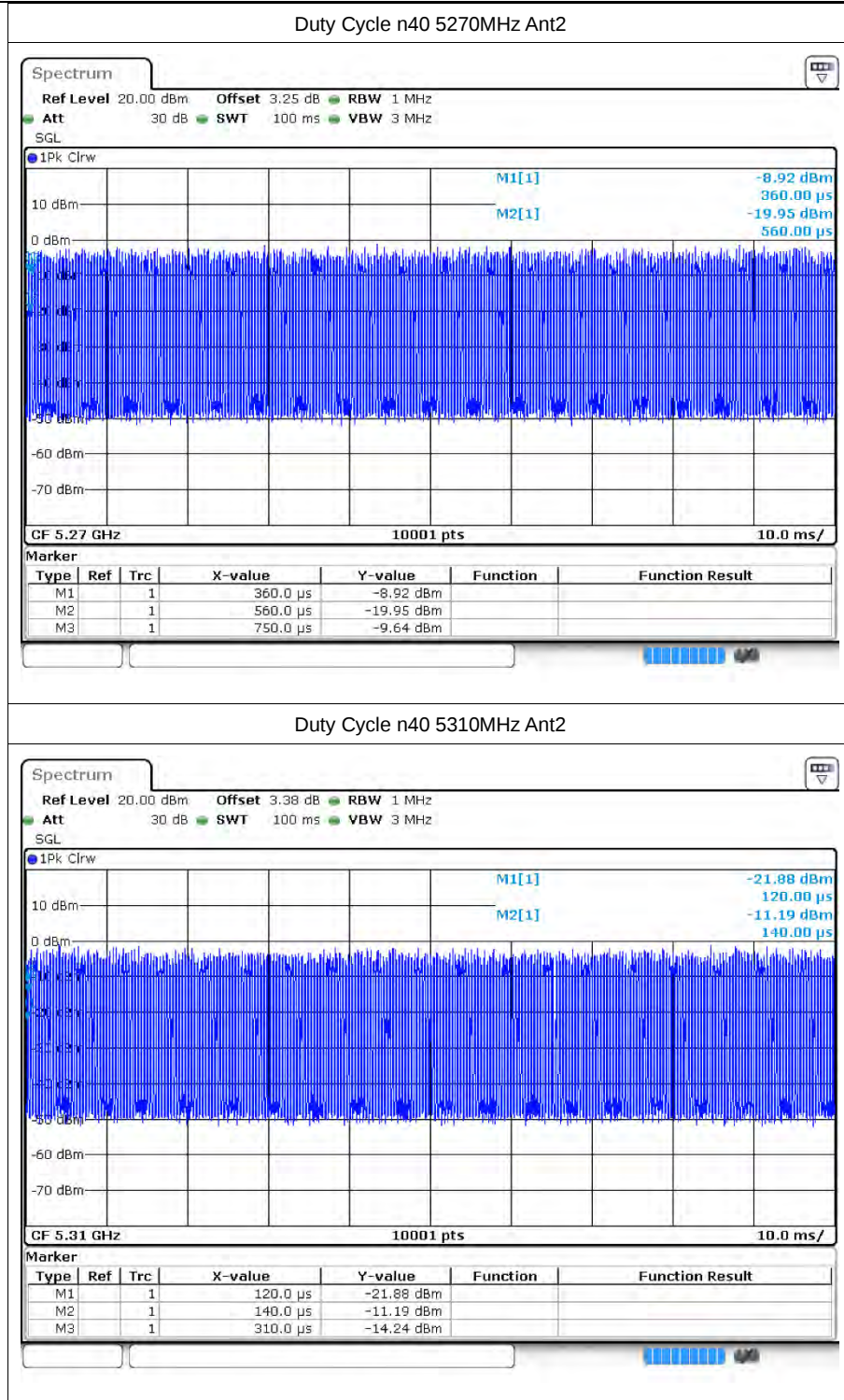
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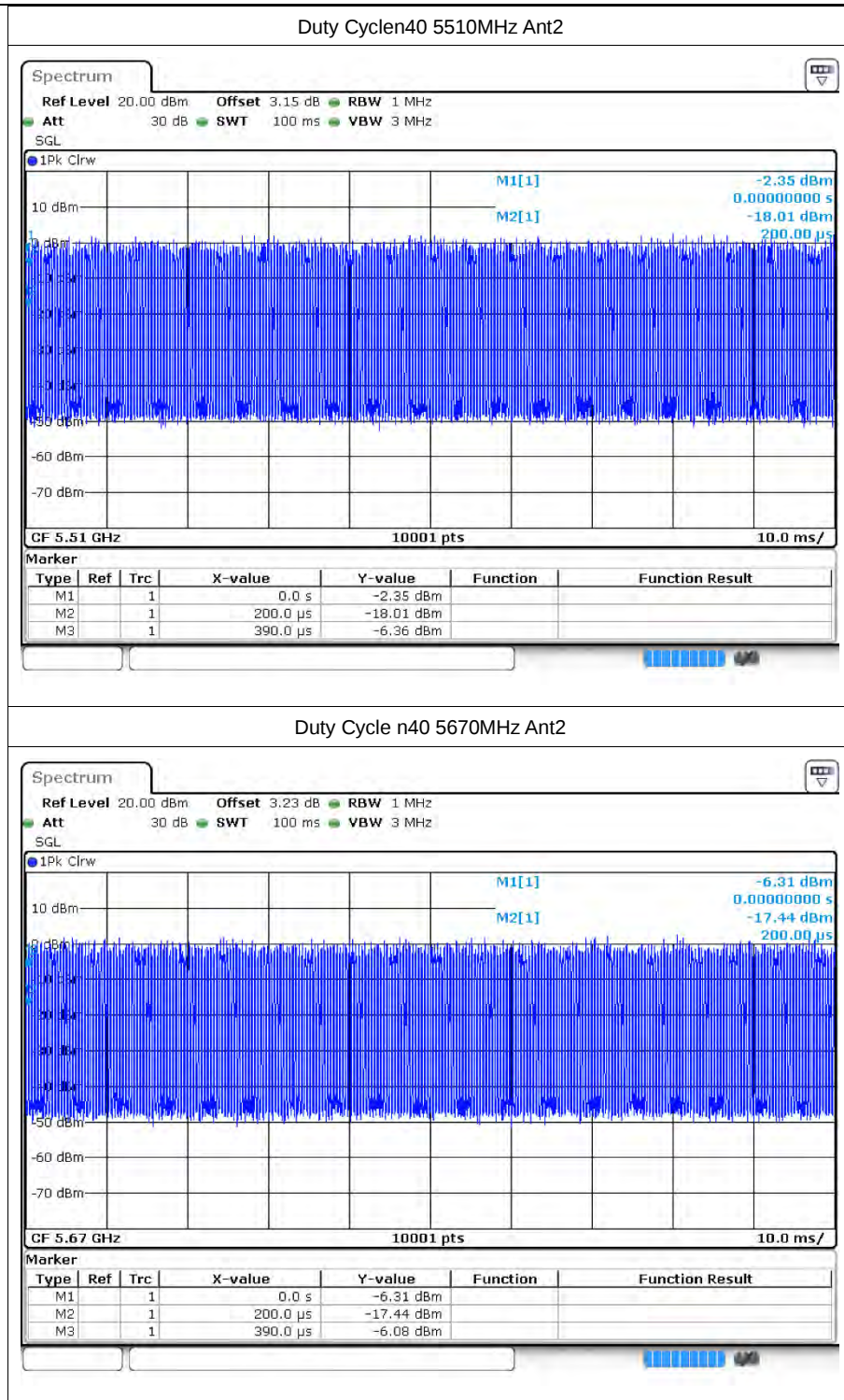


Duty Cycle n40 5670MHz Ant1

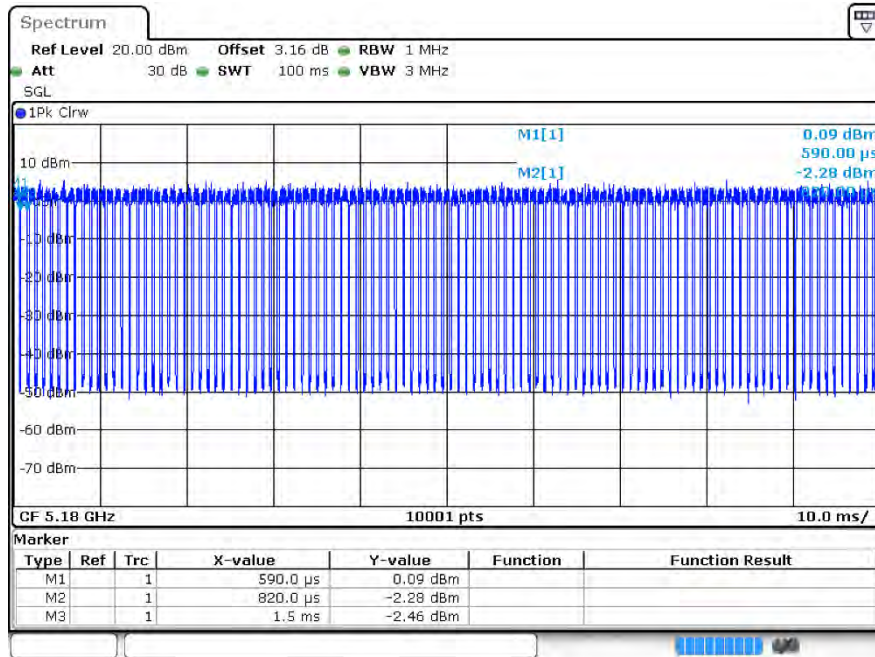




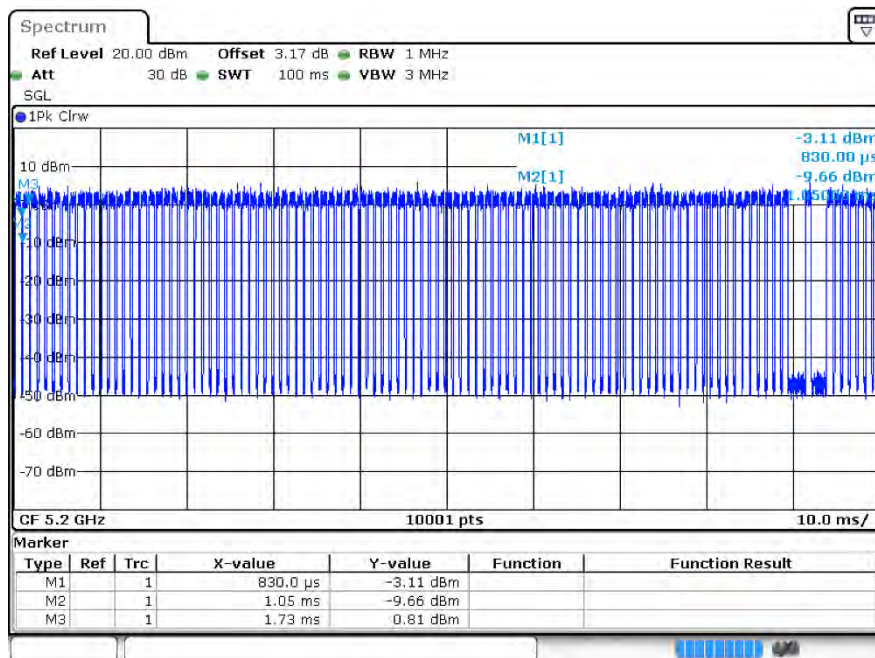




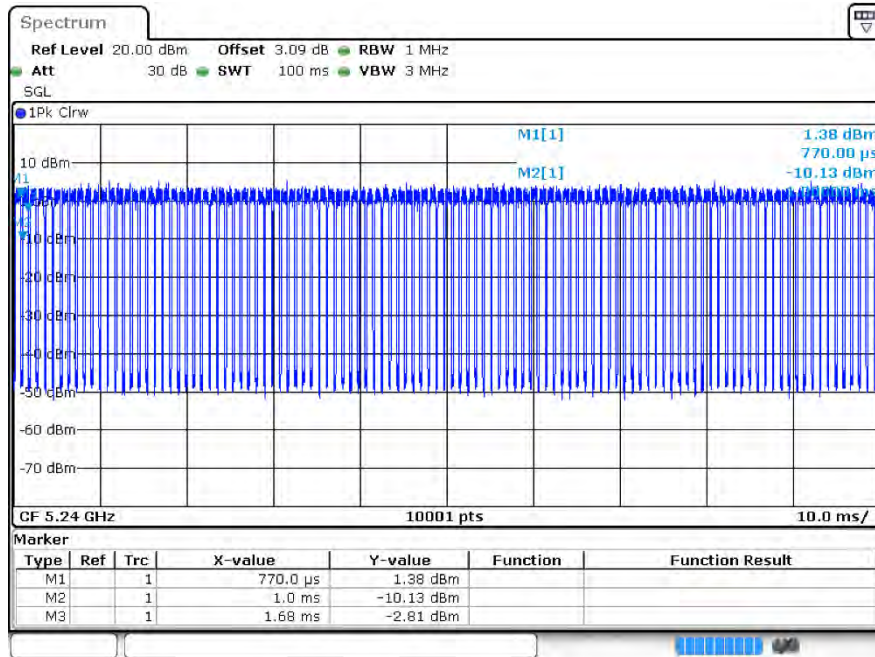
Duty Cycle ac20 5180MHz Ant1



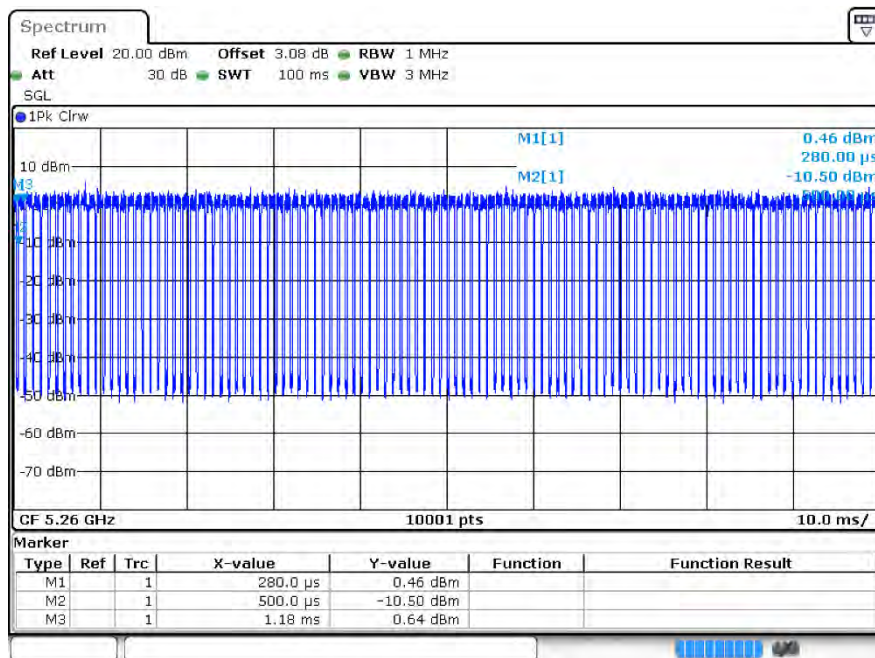
Duty Cycle ac20 5200MHz Ant1



Duty Cycle ac20 5240MHz Ant1



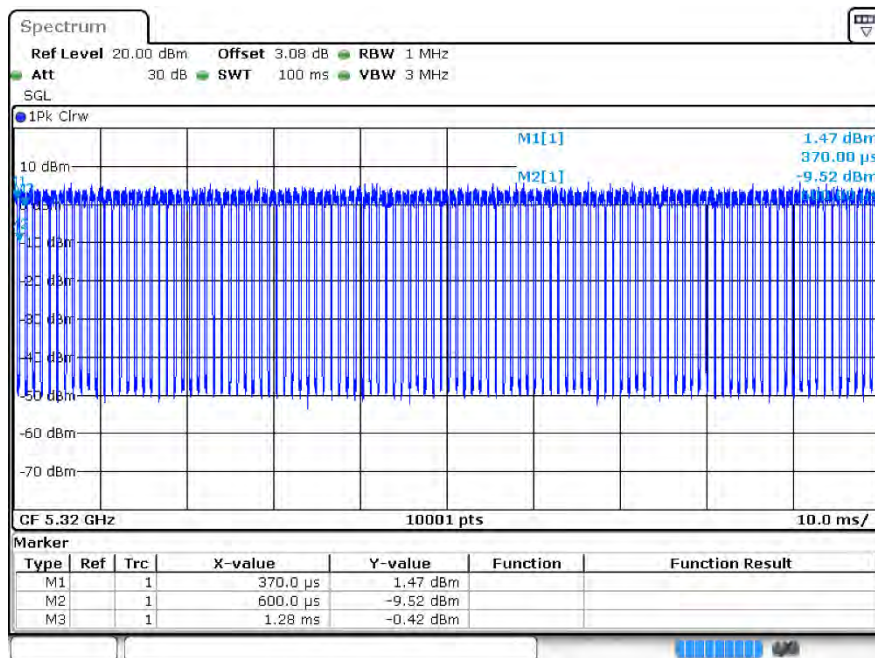
Duty Cycle ac20 5260MHz Ant1



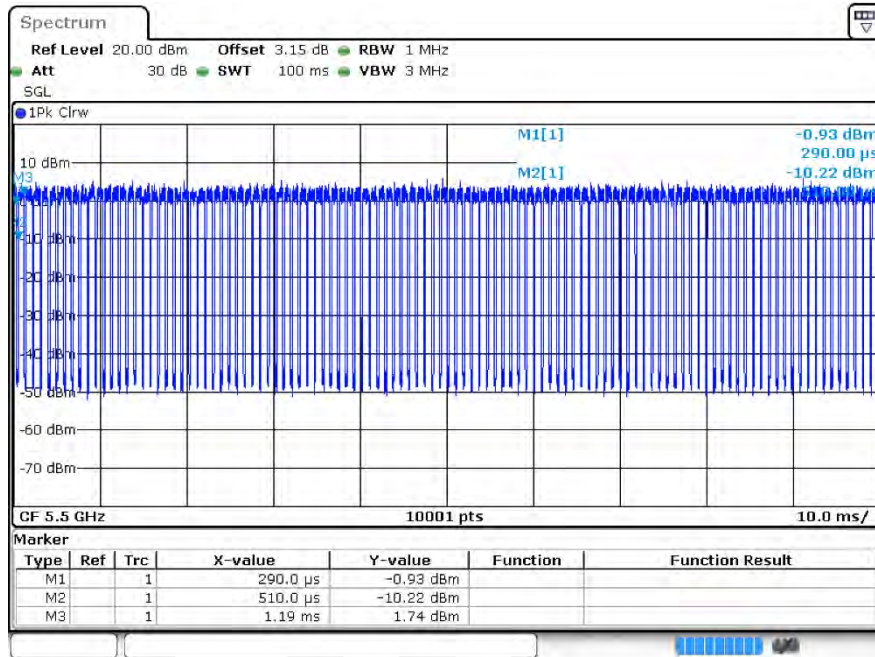
Duty Cycle ac20 5280MHz Ant1



Duty Cycle ac20 5320MHz Ant1

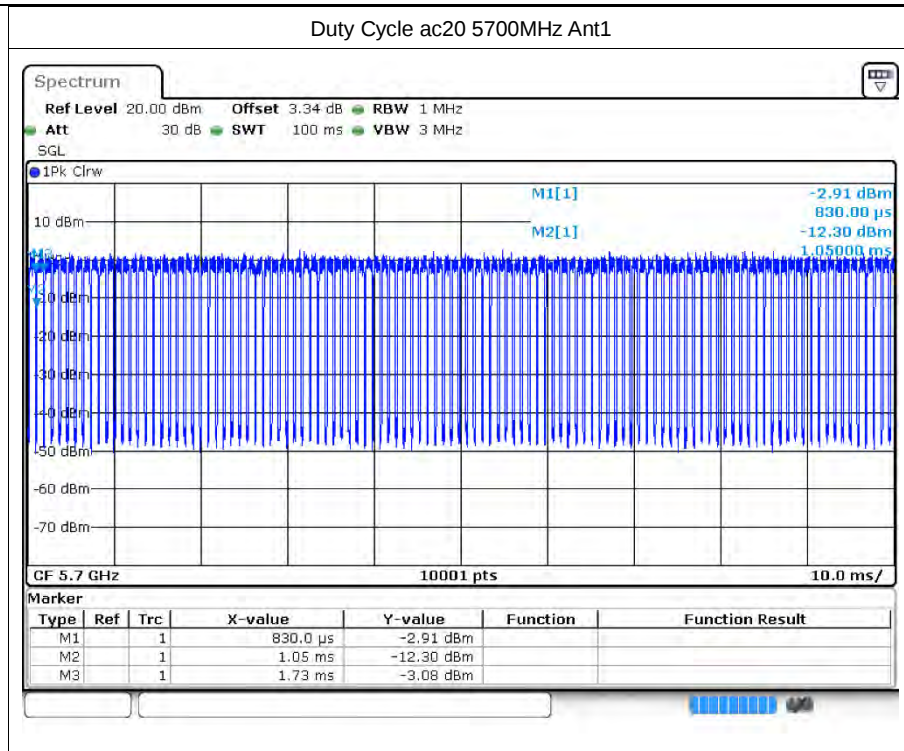


Duty Cycle ac20 5500MHz Ant1

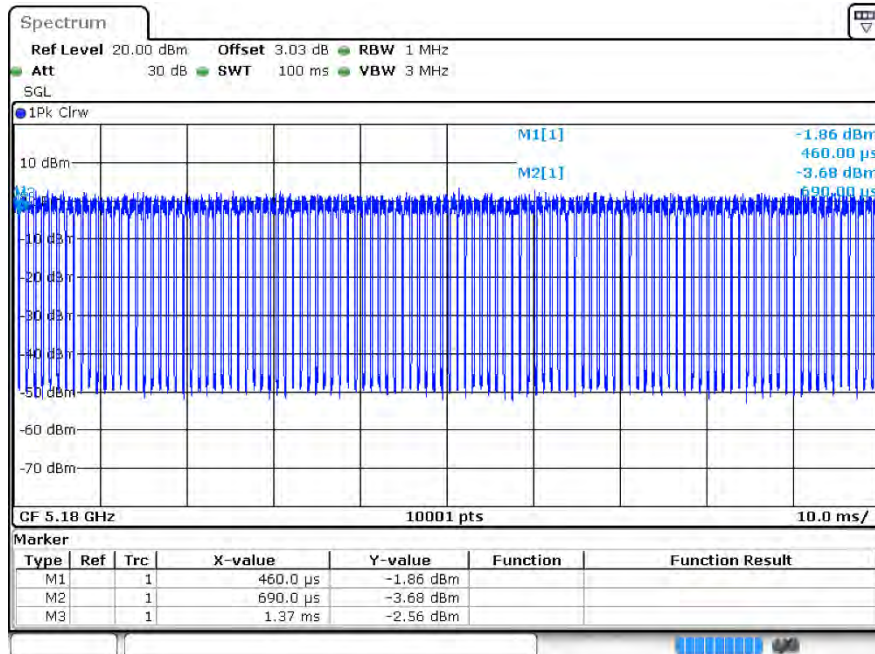


Duty Cycle ac20 5600MHz Ant1





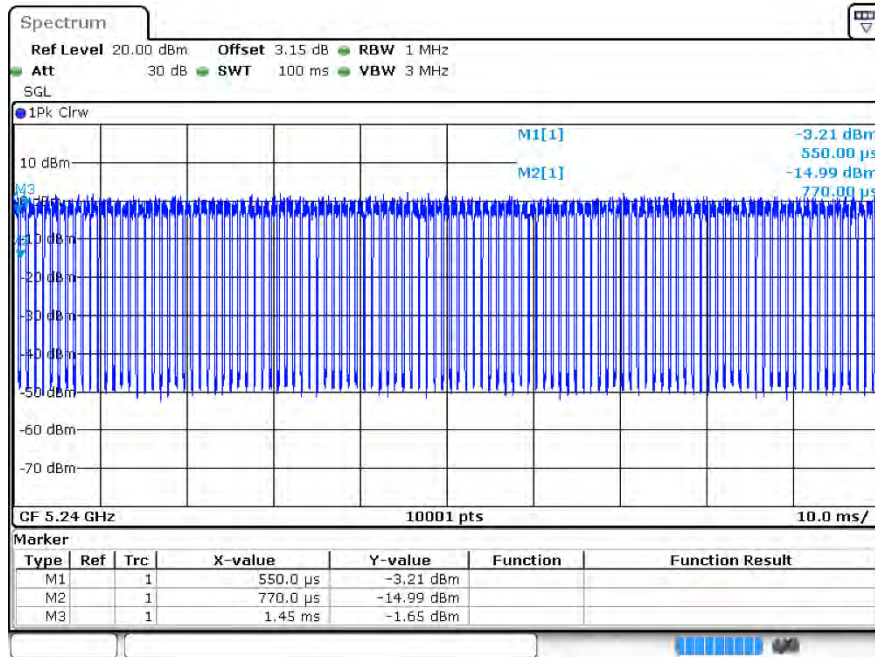
Duty Cycle ac20 5180MHz Ant2



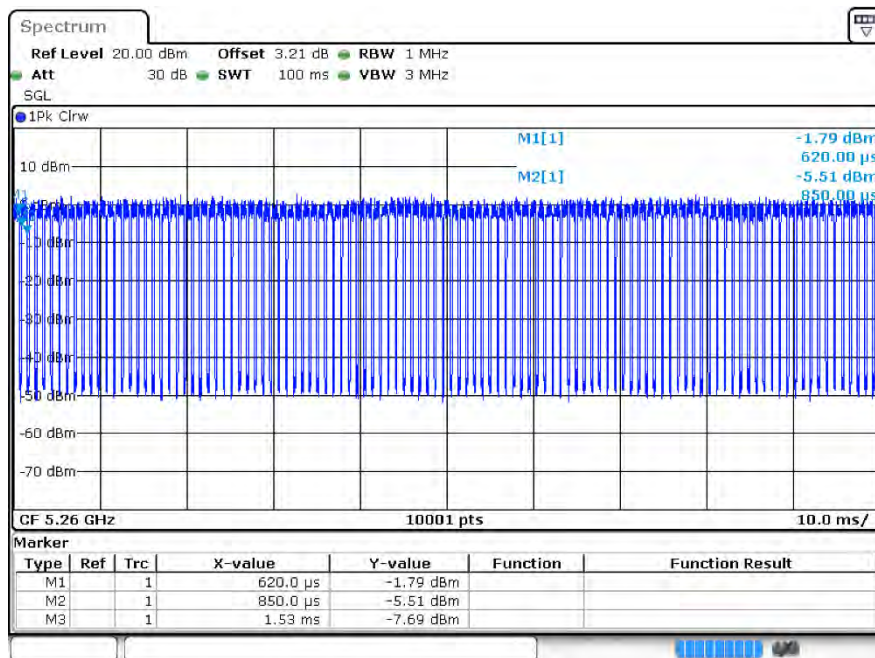
Duty Cycle ac20 5200MHz Ant2



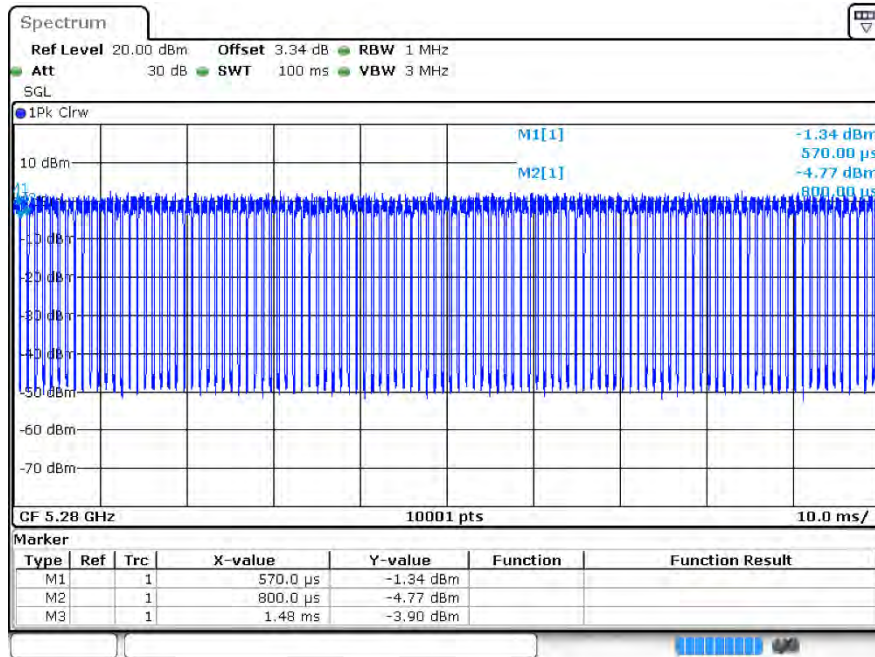
Duty Cycle ac20 5240MHz Ant2



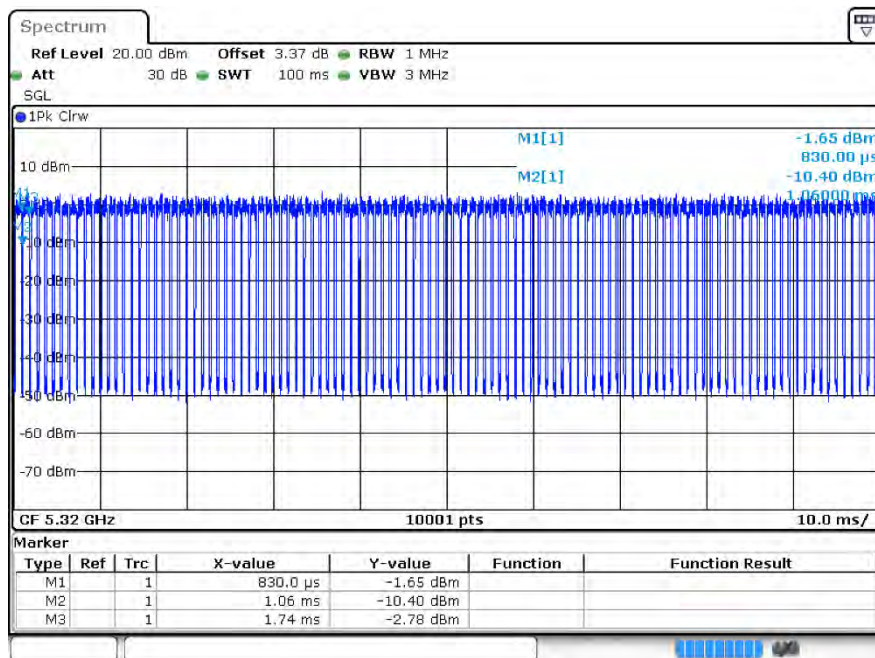
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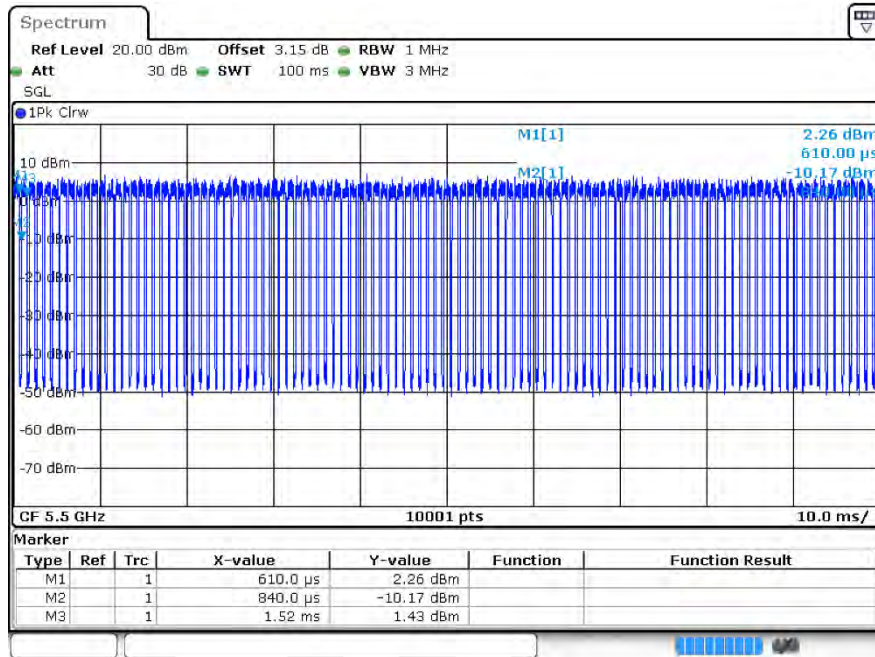
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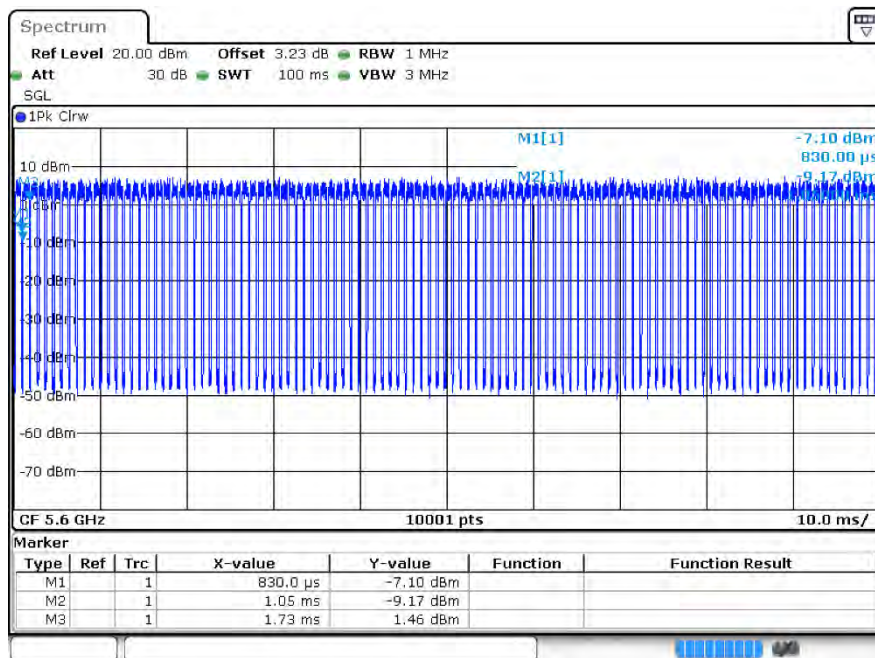
Duty Cycle ac20 5320MHz Ant2

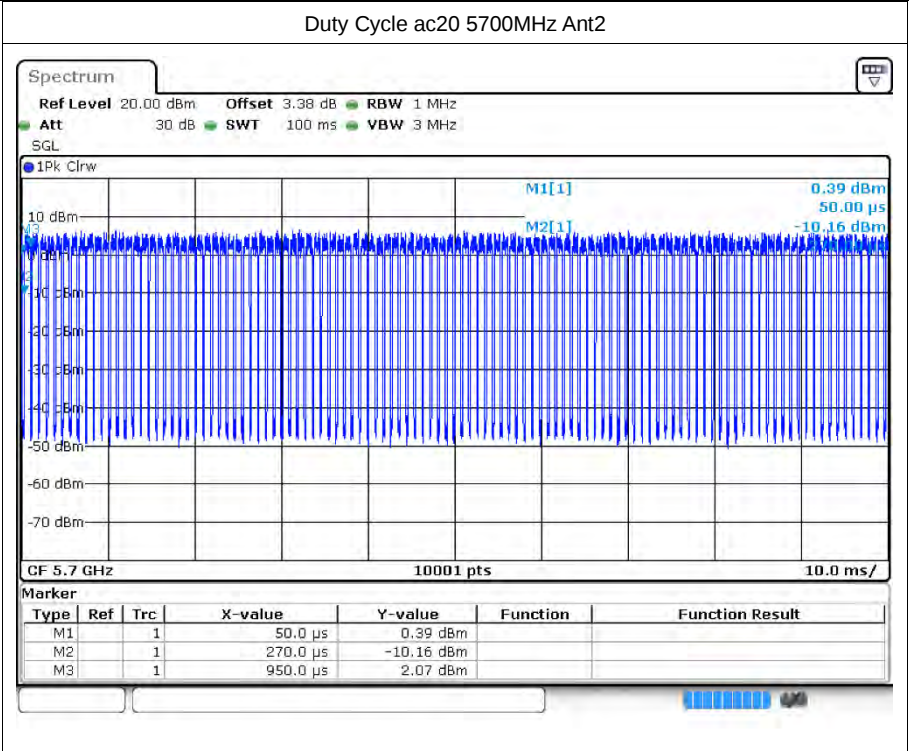


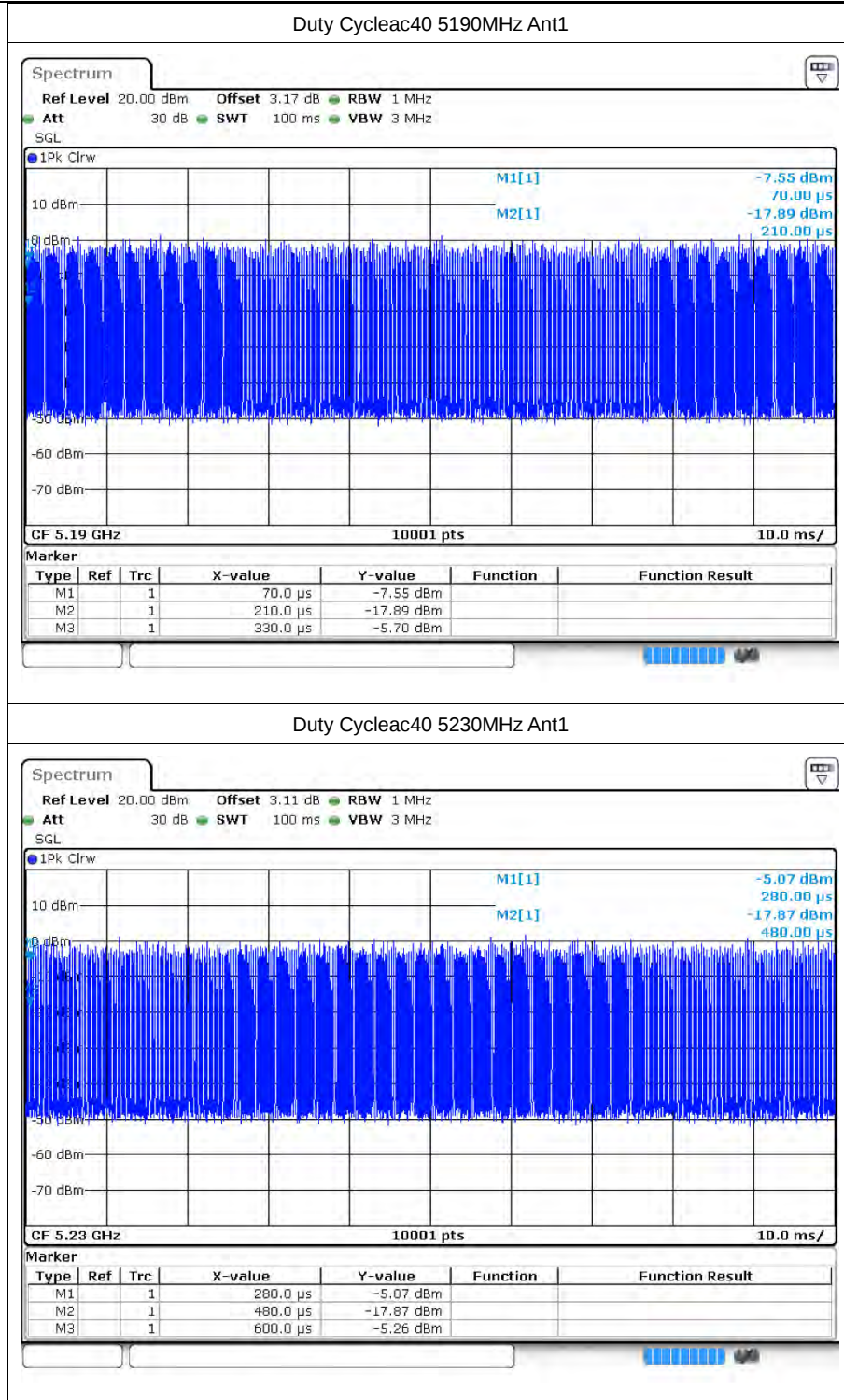
Duty Cycle ac20 5500MHz Ant2



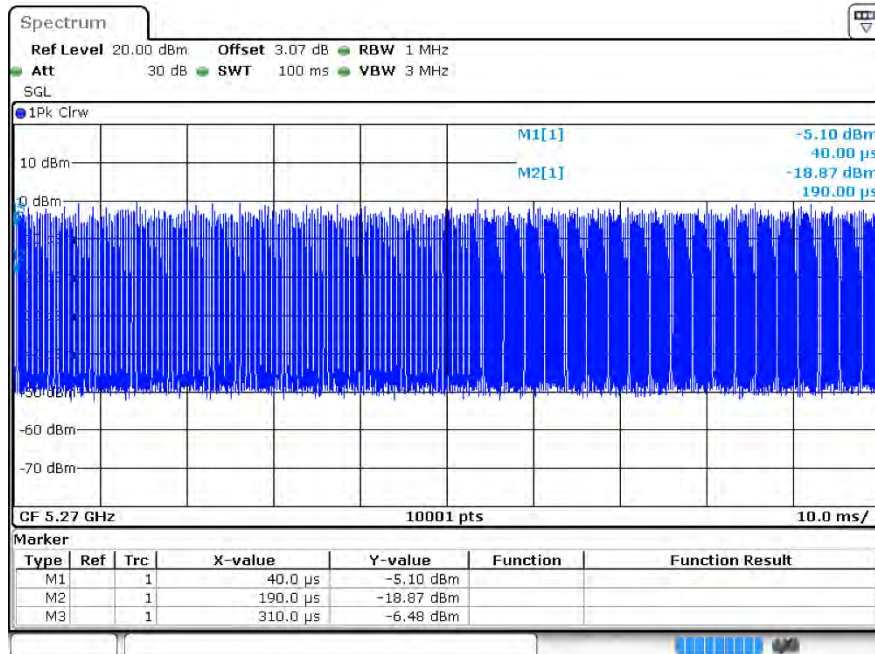
Duty Cycle ac20 5600MHz Ant2



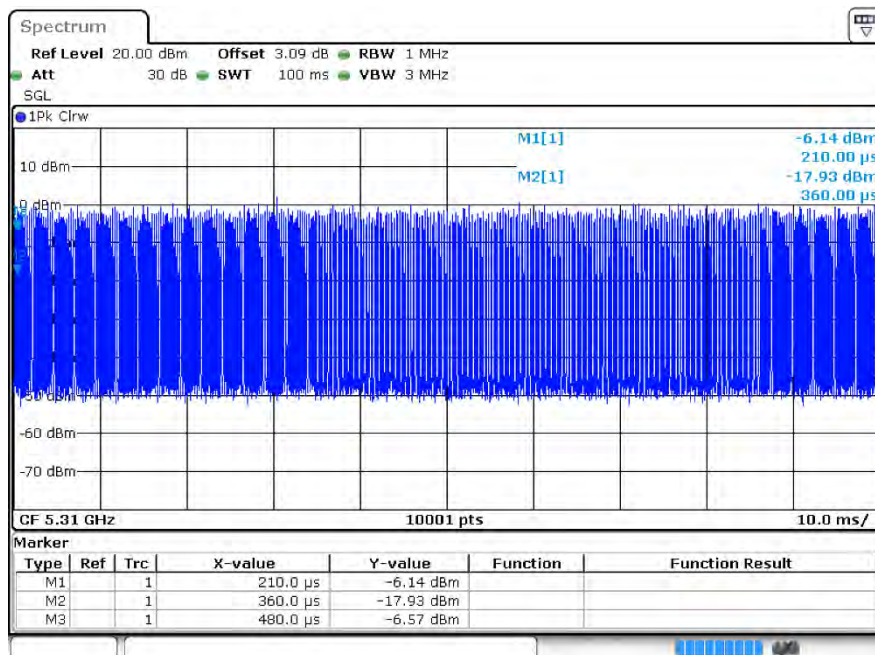


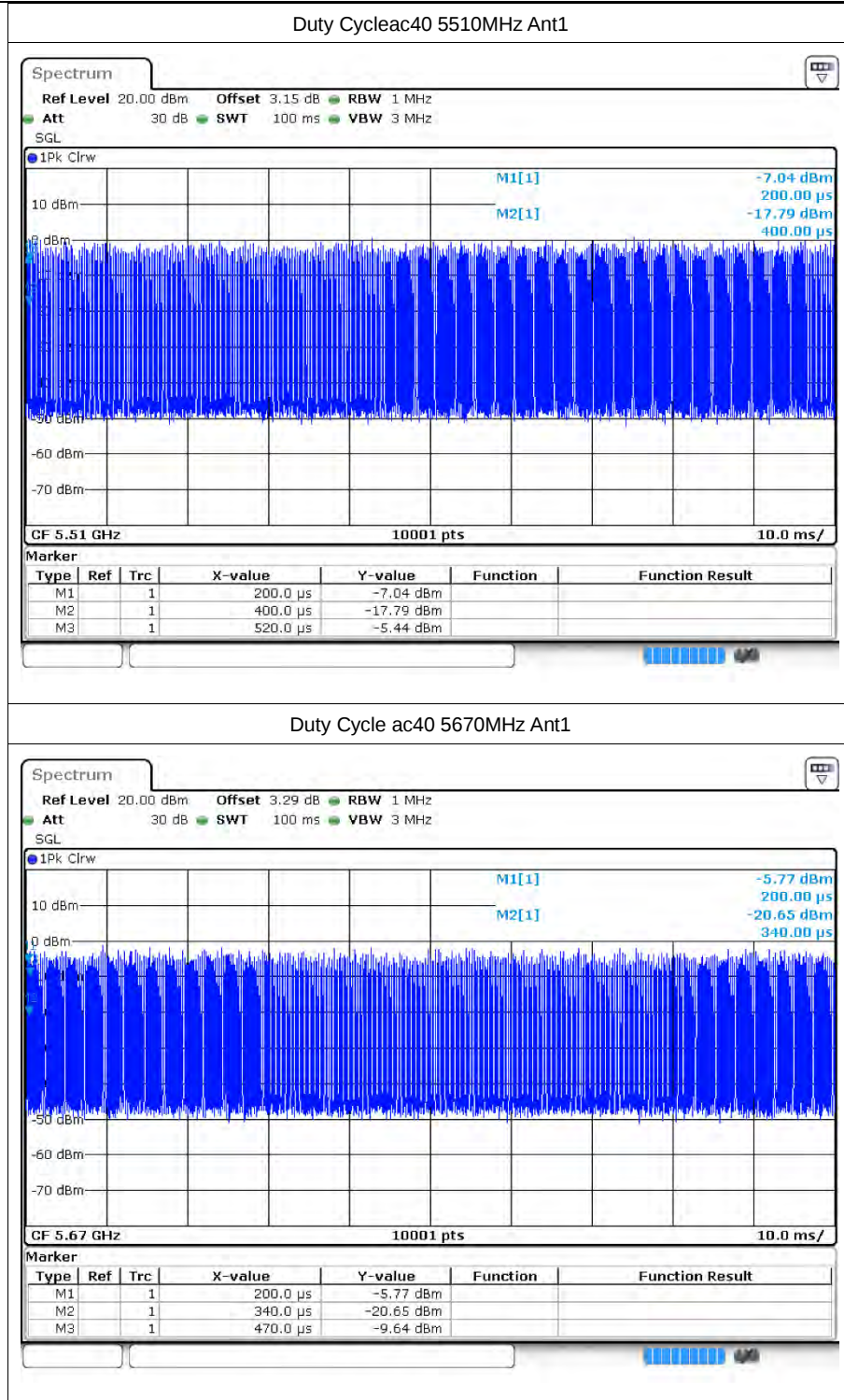


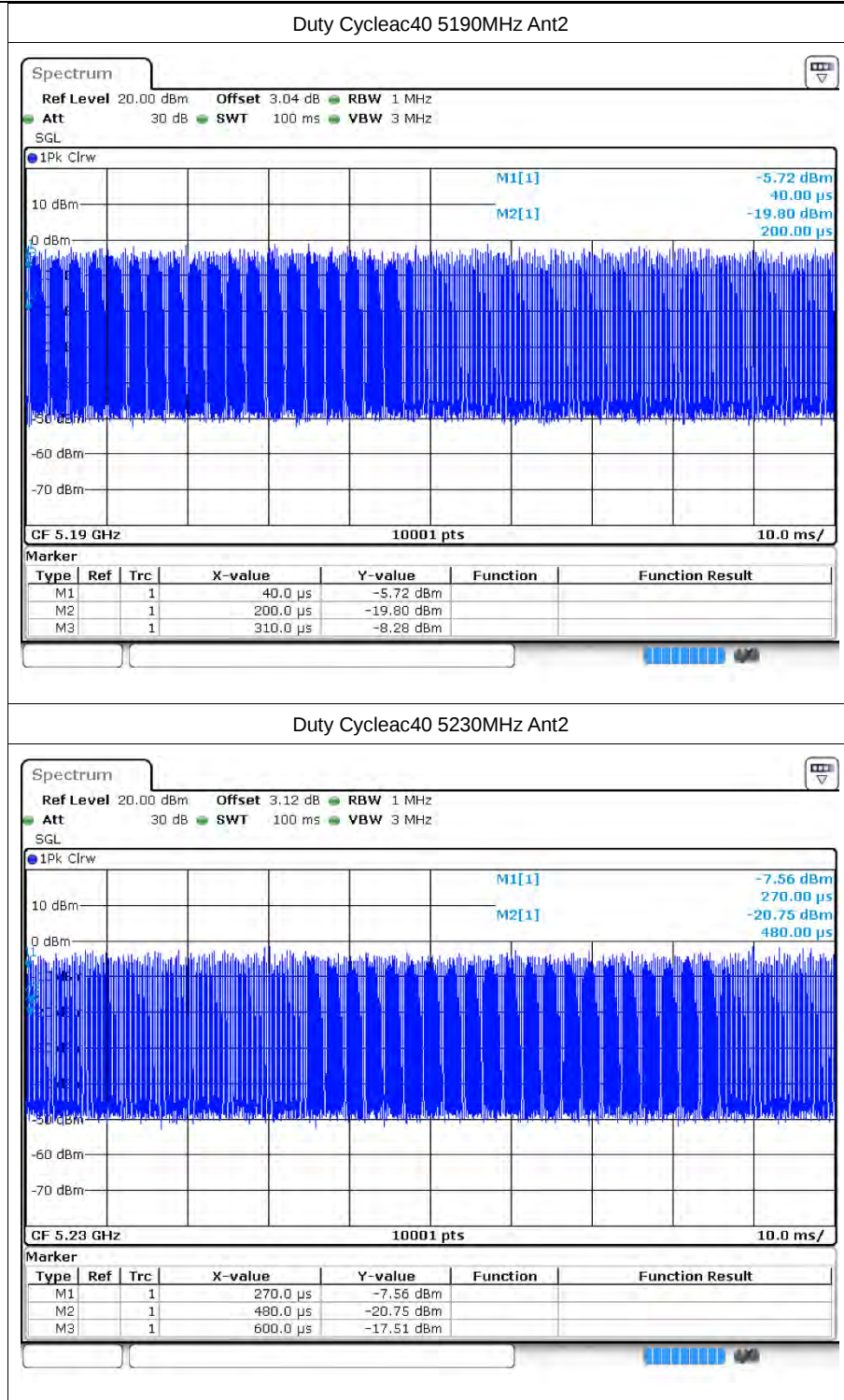
Duty Cycle ac40 5270MHz Ant1



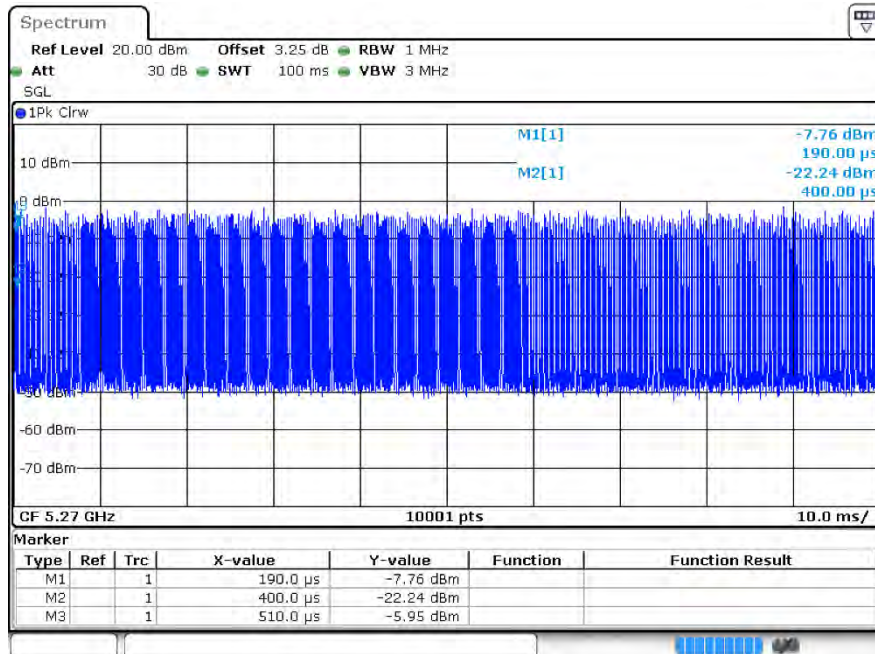
Duty Cycle ac40 5310MHz Ant1



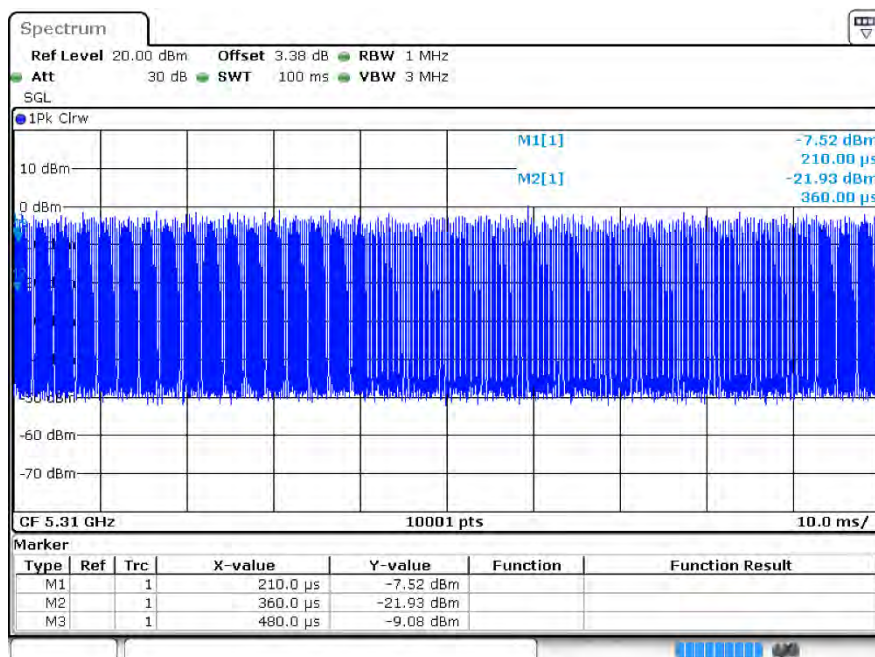


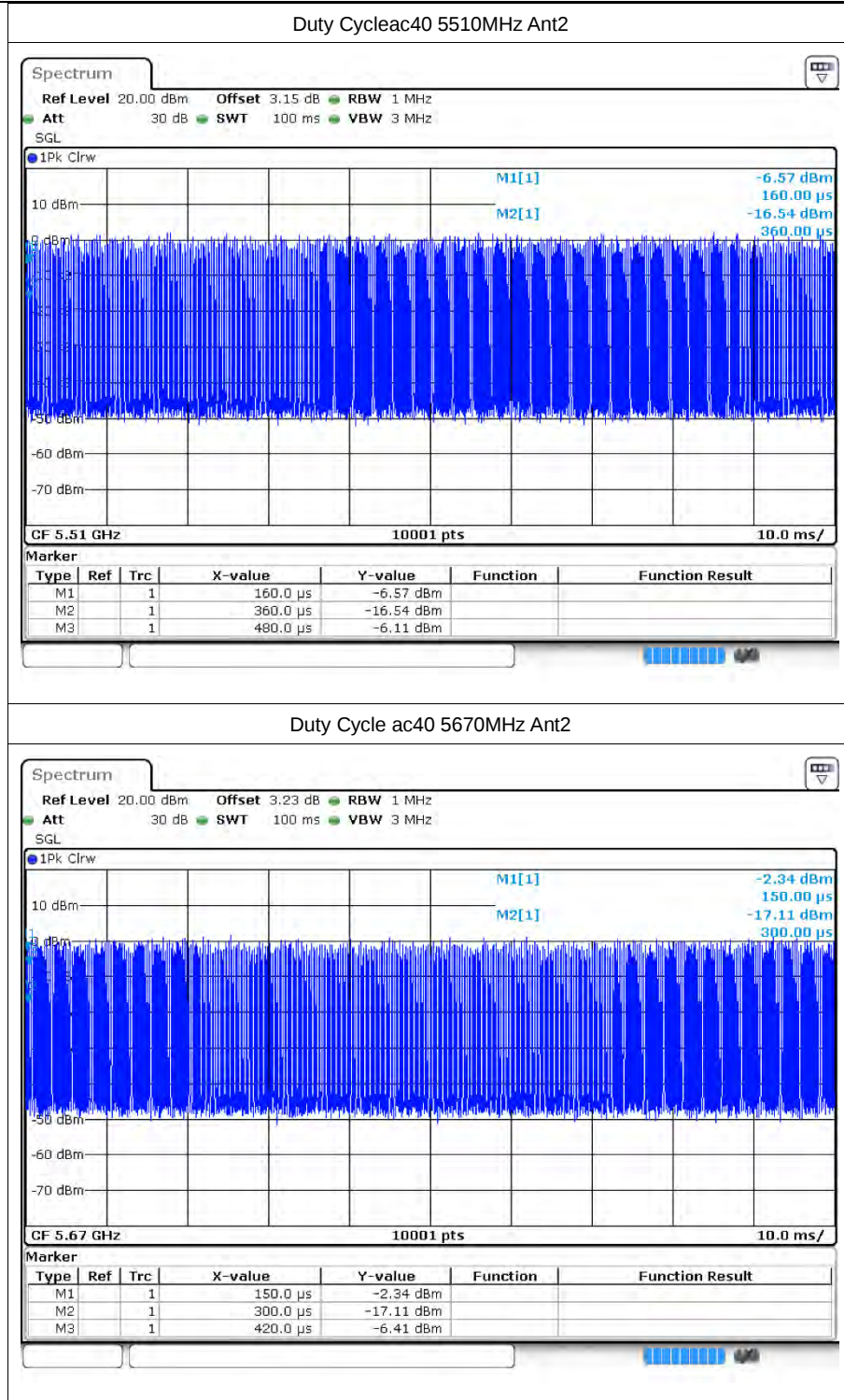


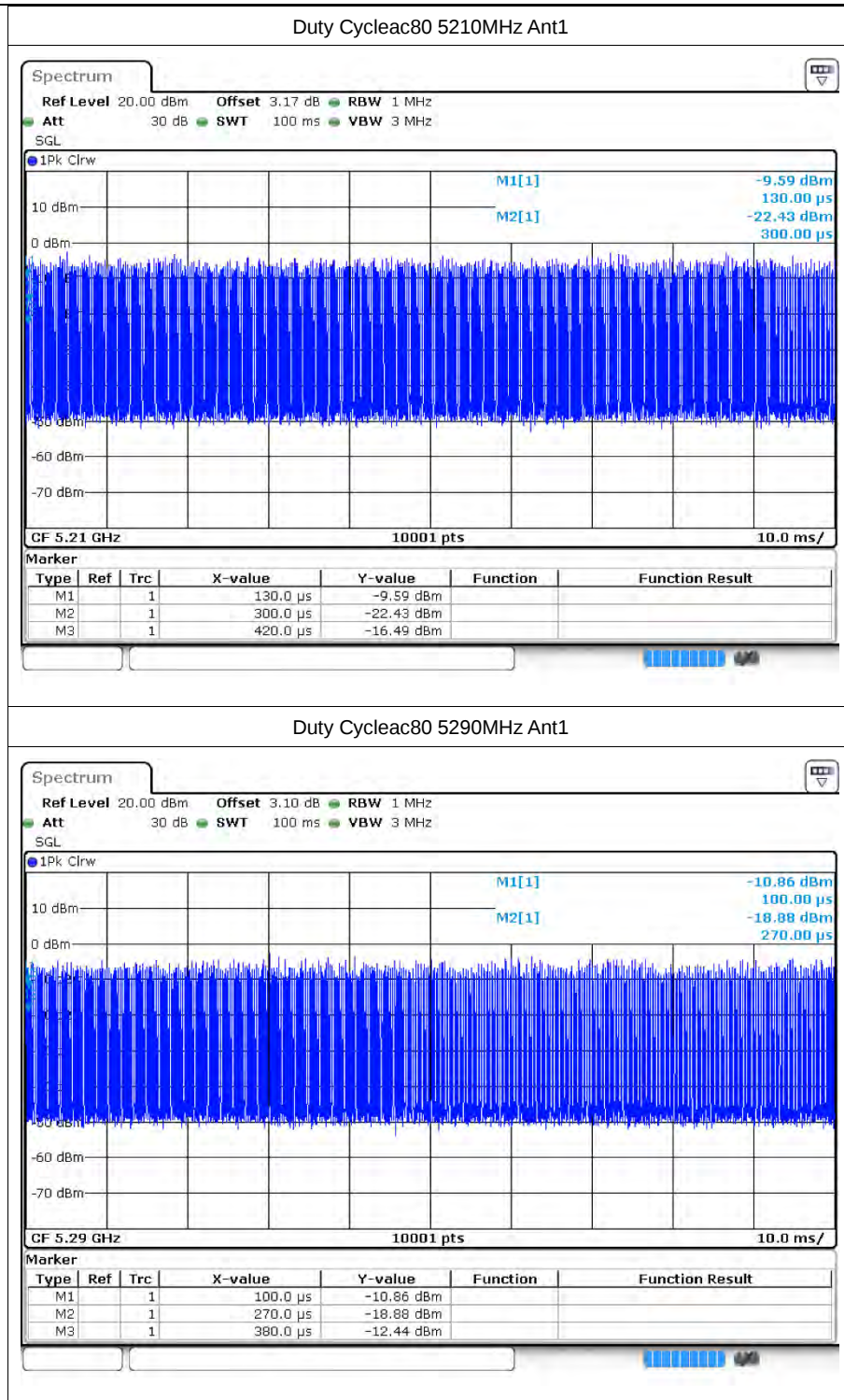
Duty Cycle ac40 5270MHz Ant2



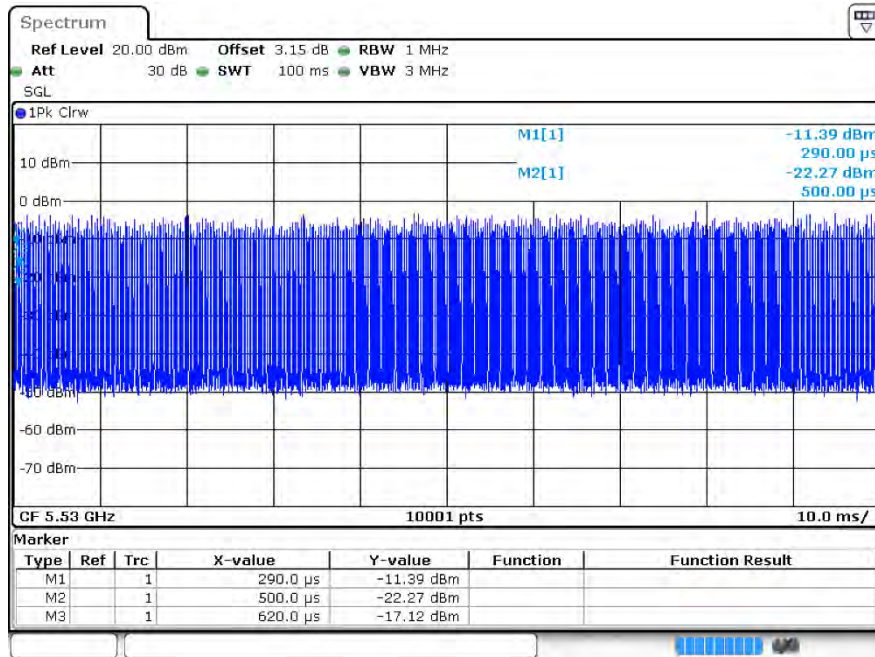
Duty Cycle ac40 5310MHz Ant2



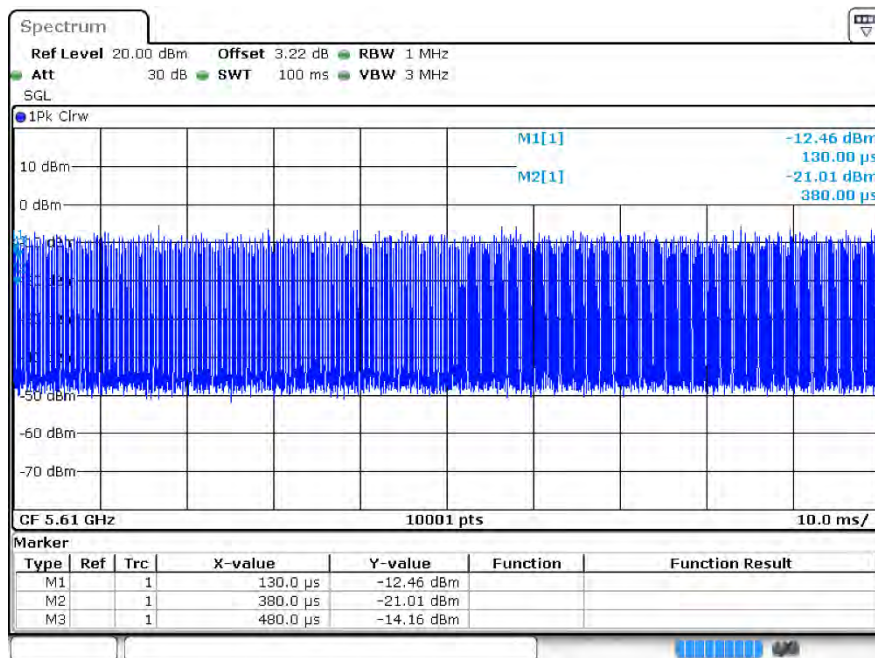


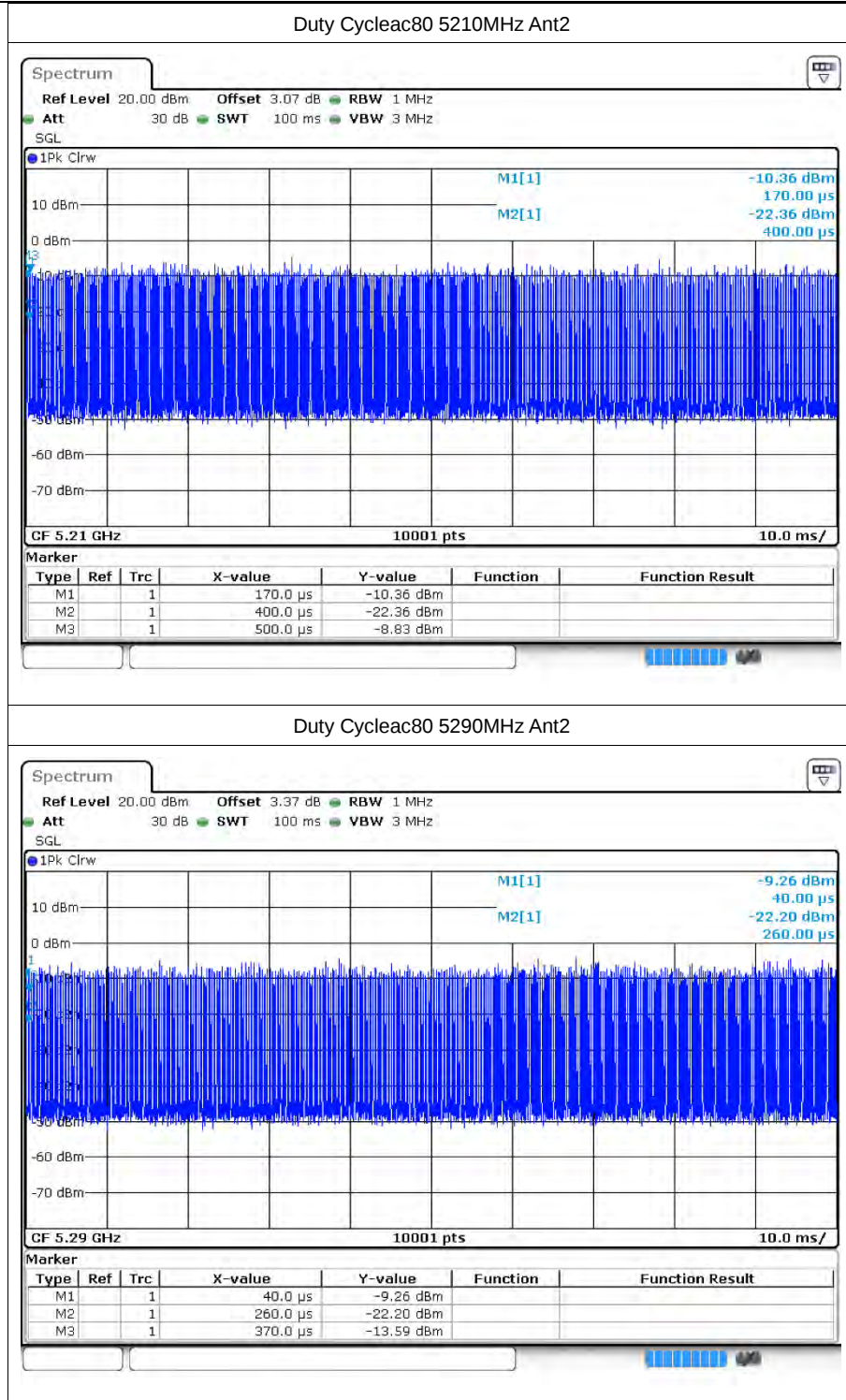


Duty Cycle ac80 5530MHz Ant1

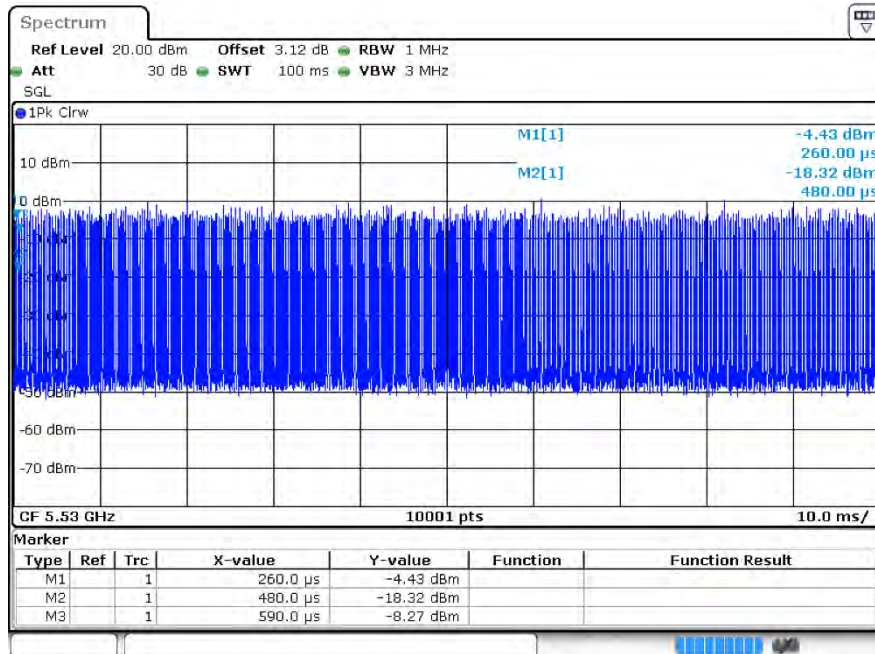


Duty Cycleac80 5610MHz Ant1

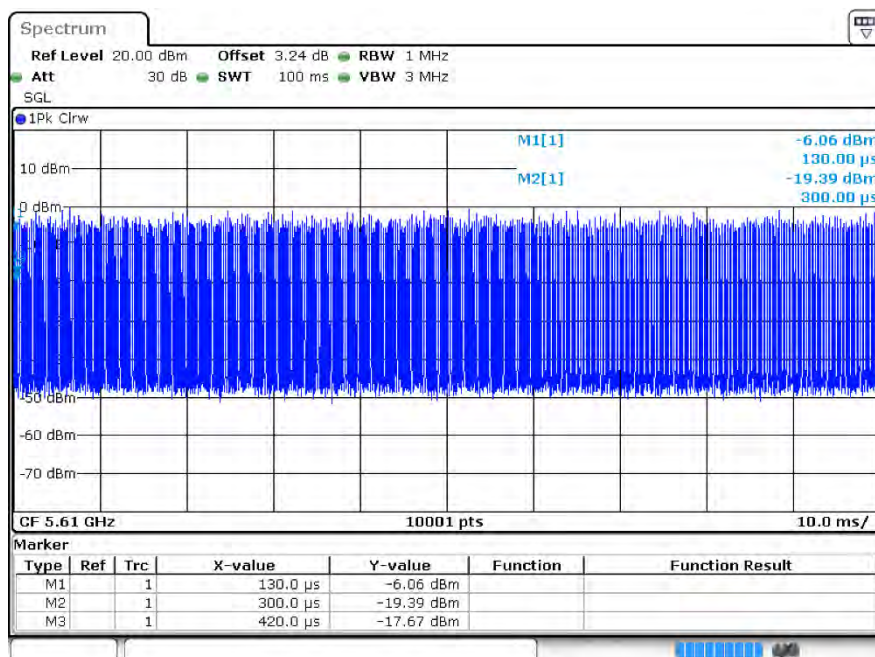




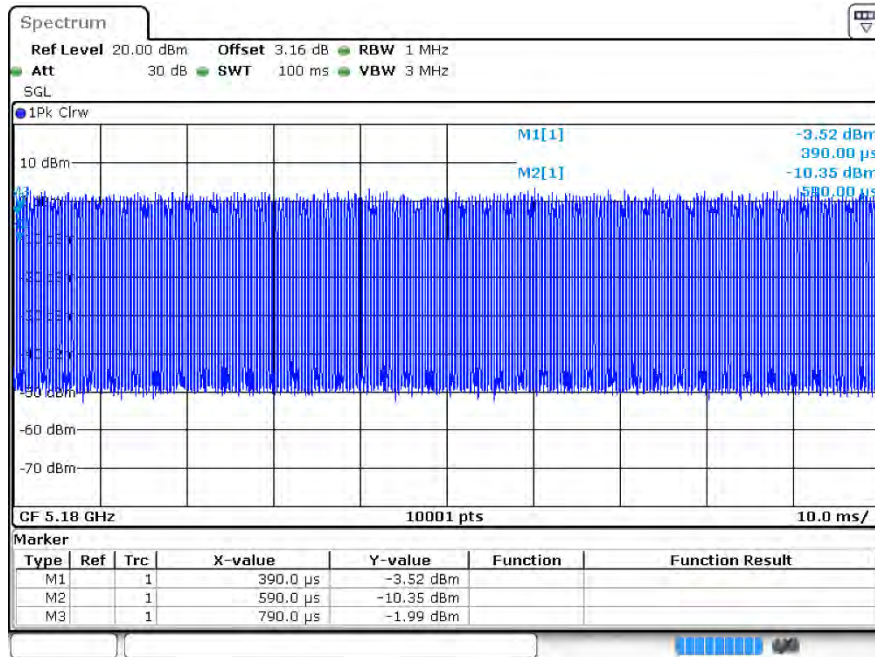
Duty Cycle ac80 5530MHz Ant2



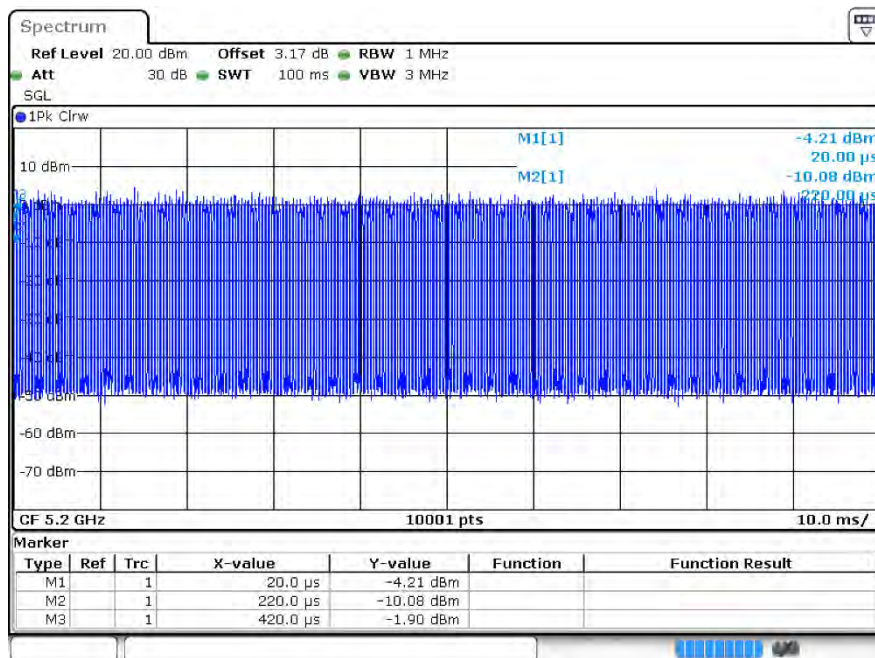
Duty Cycle ac80 5610MHz Ant2



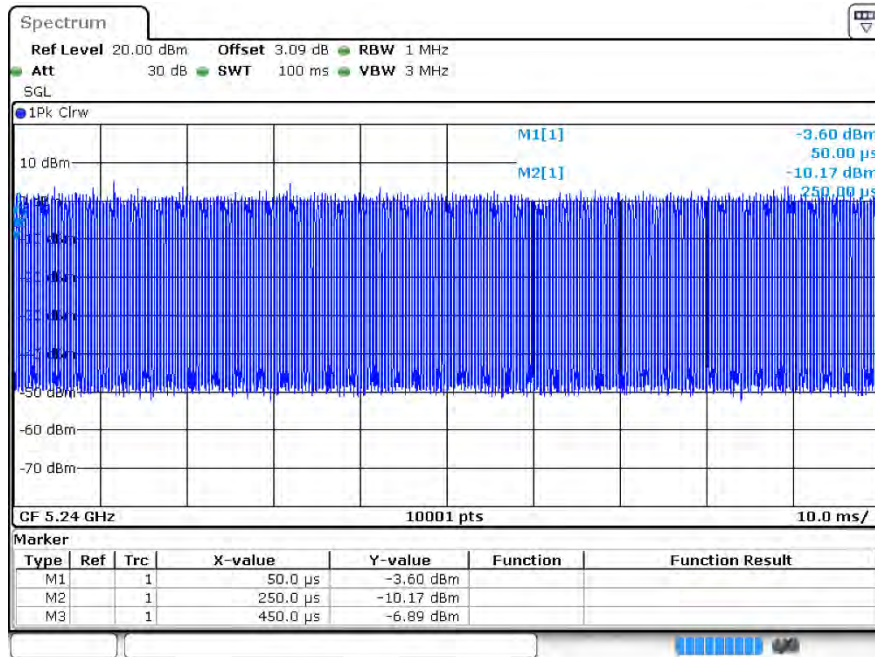
Duty Cycle ax20 5180MHz Ant1



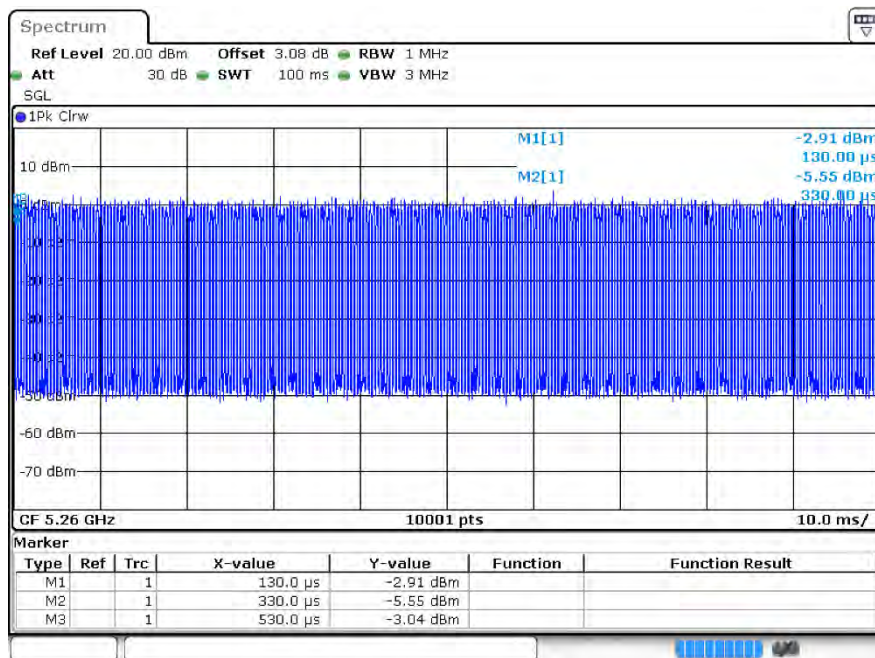
Duty Cycle ax20 5200MHz Ant1



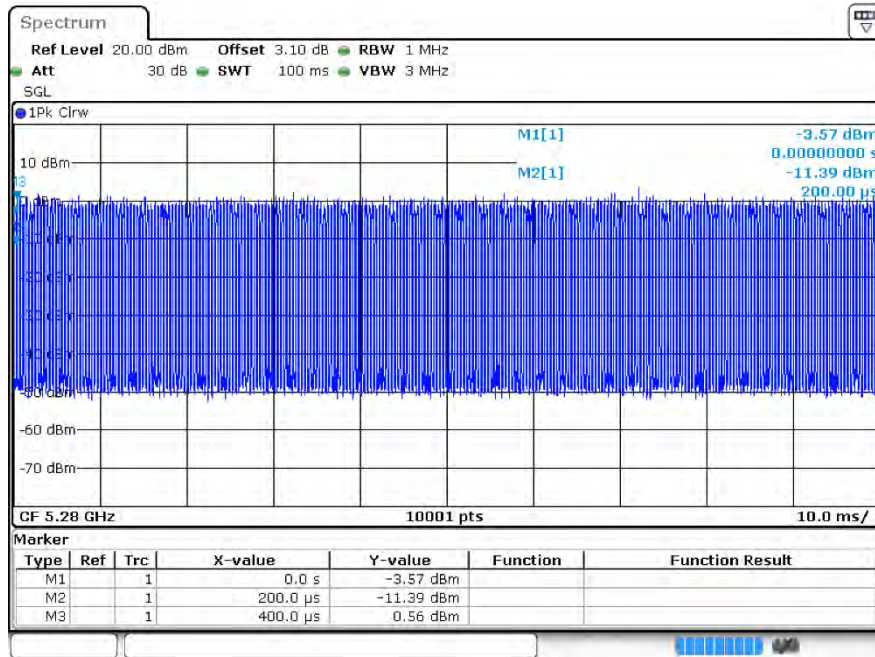
Duty Cycle ax20 5240MHz Ant1



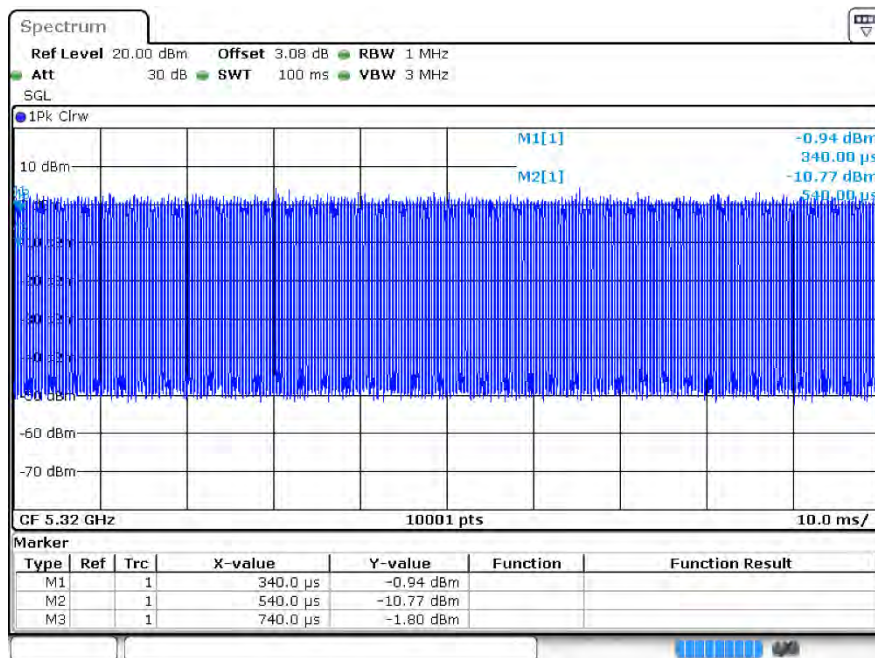
Duty Cycle ax20 5260MHz Ant1



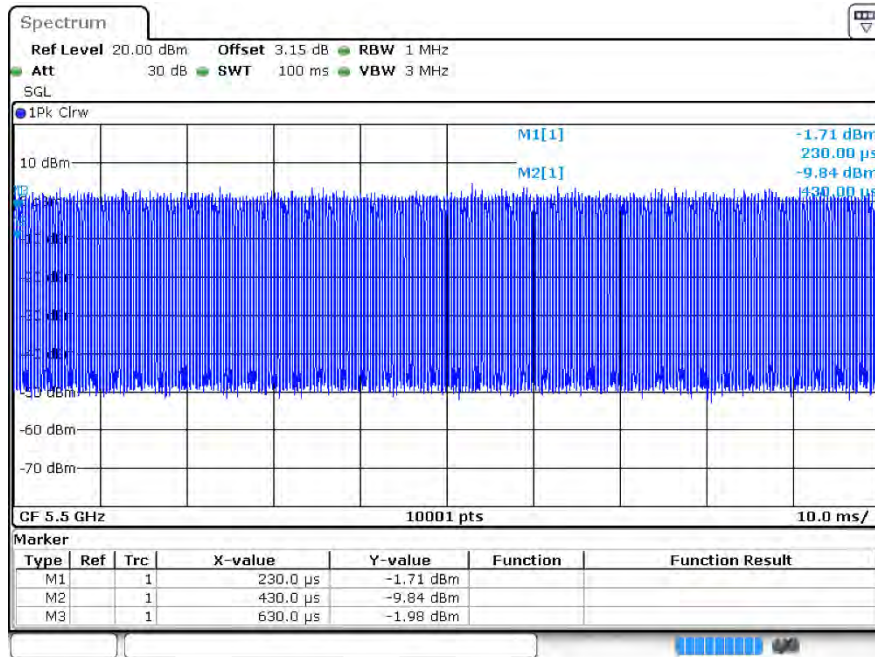
Duty Cycle ax20 5280MHz Ant1



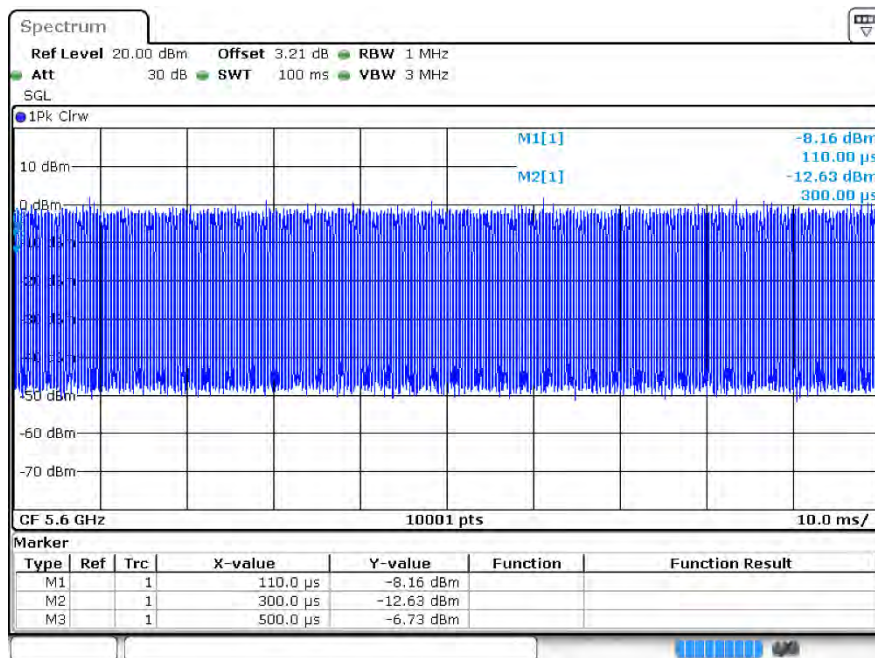
Duty Cycle ax20 5320MHz Ant1

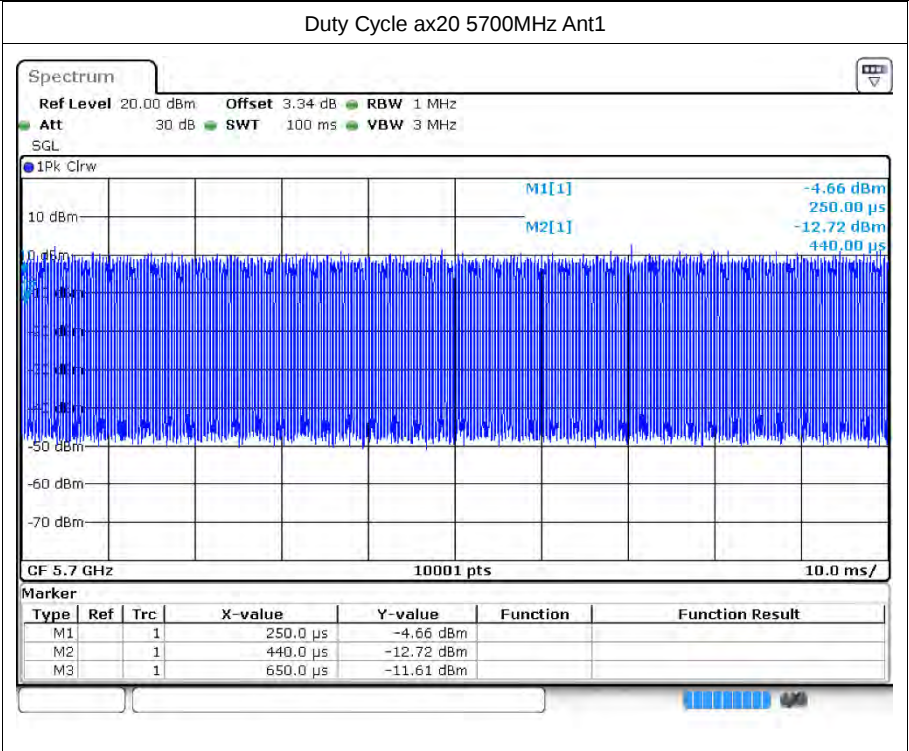


Duty Cycle ax20 5500MHz Ant1

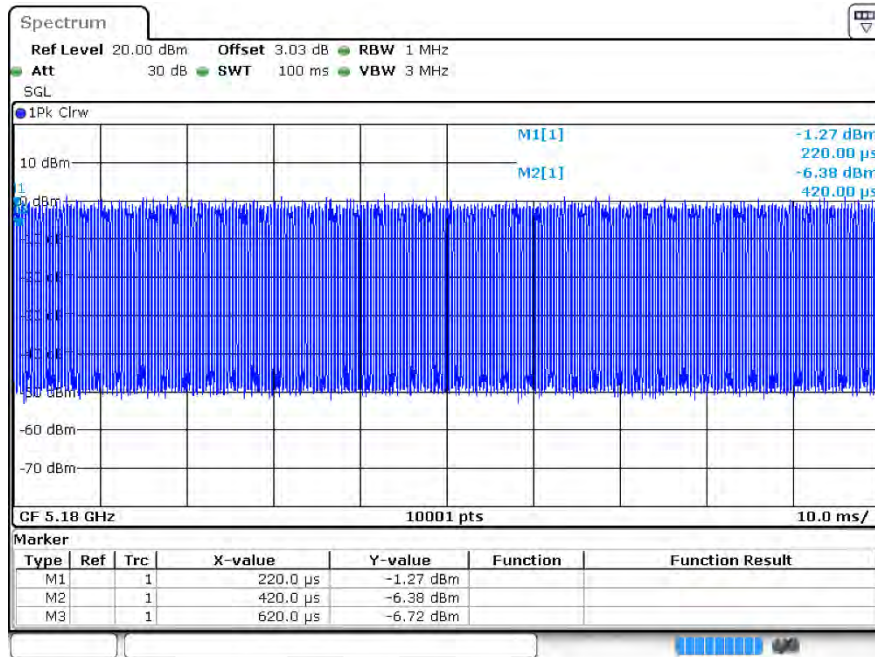


Duty Cycle ax20 5600MHz Ant1





Duty Cycle ax20 5180MHz Ant2



Duty Cycle ax20 5200MHz Ant2

