





AppendixB: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	12.03	≤23.98	PASS
	Ant2	5180	13.86	≤23.98	PASS
	Ant1	5200	11.82	≤23.98	PASS
	Ant2	5200	13.35	≤23.98	PASS
	Ant1	5240	10.60	≤23.98	PASS
	Ant2	5240	12.61	≤23.98	PASS
11N20MIMO	Ant1	5180	9.45	≤23.98	PASS
	Ant2	5180	10.18	≤23.98	PASS
	total	5180	12.84	≤23.98	PASS
	Ant1	5200	10.04	≤23.98	PASS
	Ant2	5200	10.30	≤23.98	PASS
	total	5200	13.18	≤23.98	PASS
	Ant1	5240	9.58	≤23.98	PASS
	Ant2	5240	10.17	≤23.98	PASS
	total	5240	12.90	≤23.98	PASS
11N40MIMO	Ant1	5190	10.76	≤23.98	PASS
	Ant2	5190	10.31	≤23.98	PASS
	total	5190	13.55	≤23.98	PASS
	Ant1	5230	9.79	≤23.98	PASS
	Ant2	5230	10.17	≤23.98	PASS
	total	5230	12.99	≤23.98	PASS
11AC20MIMO	Ant1	5180	10.45	≤23.98	PASS
	Ant2	5180	10.07	≤23.98	PASS
	total	5180	13.27	≤23.98	PASS
	Ant1	5200	10.06	≤23.98	PASS
	Ant2	5200	10.55	≤23.98	PASS
	total	5200	13.32	≤23.98	PASS
	Ant1	5240	10.69	≤23.98	PASS
	Ant2	5240	10.01	≤23.98	PASS
	total	5240	13.37	≤23.98	PASS
11AC40MIMO	Ant1	5190	10.11	≤23.98	PASS
	Ant2	5190	10.05	≤23.98	PASS
	total	5190	13.09	≤23.98	PASS
	Ant1	5230	10.92	≤23.98	PASS
	Ant2	5230	10.05	≤23.98	PASS

	total	5230	13.52	≤ 23.98	PASS
11AC80MIMO	Ant1	5210	10.09	≤ 23.98	PASS
	Ant2	5210	10.06	≤ 23.98	PASS
	total	5210	13.09	≤ 23.98	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Transmit signals are completely correlated

Directional gain = $G_{ANT} + 10 \cdot \log 2 = 6.01$

AppendixC: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-6.95	≤11.00	PASS
	Ant2	5180	-5.24	≤11.00	PASS
	Ant1	5200	-7.08	≤11.00	PASS
	Ant2	5200	-5.57	≤11.00	PASS
	Ant1	5240	-7.94	≤11.00	PASS
	Ant2	5240	-5.84	≤11.00	PASS
11N20MIMO	Ant1	5180	-8.04	≤11.00	PASS
	Ant2	5180	-8.63	≤11.00	PASS
	total	5180	-5.31	≤10.99	PASS
	Ant1	5200	-8.72	≤11.00	PASS
	Ant2	5200	-9.33	≤11.00	PASS
	total	5200	-6.00	≤10.99	PASS
	Ant1	5240	-10.48	≤11.00	PASS
	Ant2	5240	-8.73	≤11.00	PASS
	total	5240	-6.51	≤10.99	PASS
11N40MIMO	Ant1	5190	-11.99	≤11.00	PASS
	Ant2	5190	-11.94	≤11.00	PASS
	total	5190	-8.95	≤10.99	PASS
	Ant1	5230	-13.6	≤11.00	PASS
	Ant2	5230	-12.3	≤11.00	PASS
	total	5230	-9.89	≤10.99	PASS
11AC20MIMO	Ant1	5180	-9.32	≤11.00	PASS
	Ant2	5180	-8.61	≤11.00	PASS
	total	5180	-5.94	≤10.99	PASS
	Ant1	5200	-9.13	≤11.00	PASS
	Ant2	5200	-9.62	≤11.00	PASS
	total	5200	-6.36	≤10.99	PASS
	Ant1	5240	-9.62	≤11.00	PASS
	Ant2	5240	-8.63	≤11.00	PASS
	total	5240	-6.09	≤10.99	PASS
11AC40MIMO	Ant1	5190	-11.58	≤11.00	PASS
	Ant2	5190	-12.75	≤11.00	PASS
	total	5190	-9.12	≤10.99	PASS
	Ant1	5230	-12.84	≤11.00	PASS
	Ant2	5230	-12.32	≤11.00	PASS

	total	5230	-9.56	≤ 10.99	PASS
11AC80MIM O	Ant1	5210	-15.15	≤ 11.00	PASS
	Ant2	5210	-14.63	≤ 11.00	PASS
	total	5210	-11.87	≤ 10.99	PASS

Note: 1.The Duty Cycle Factorand RBW Factoriscompensateinthe graph.

Test Graphs





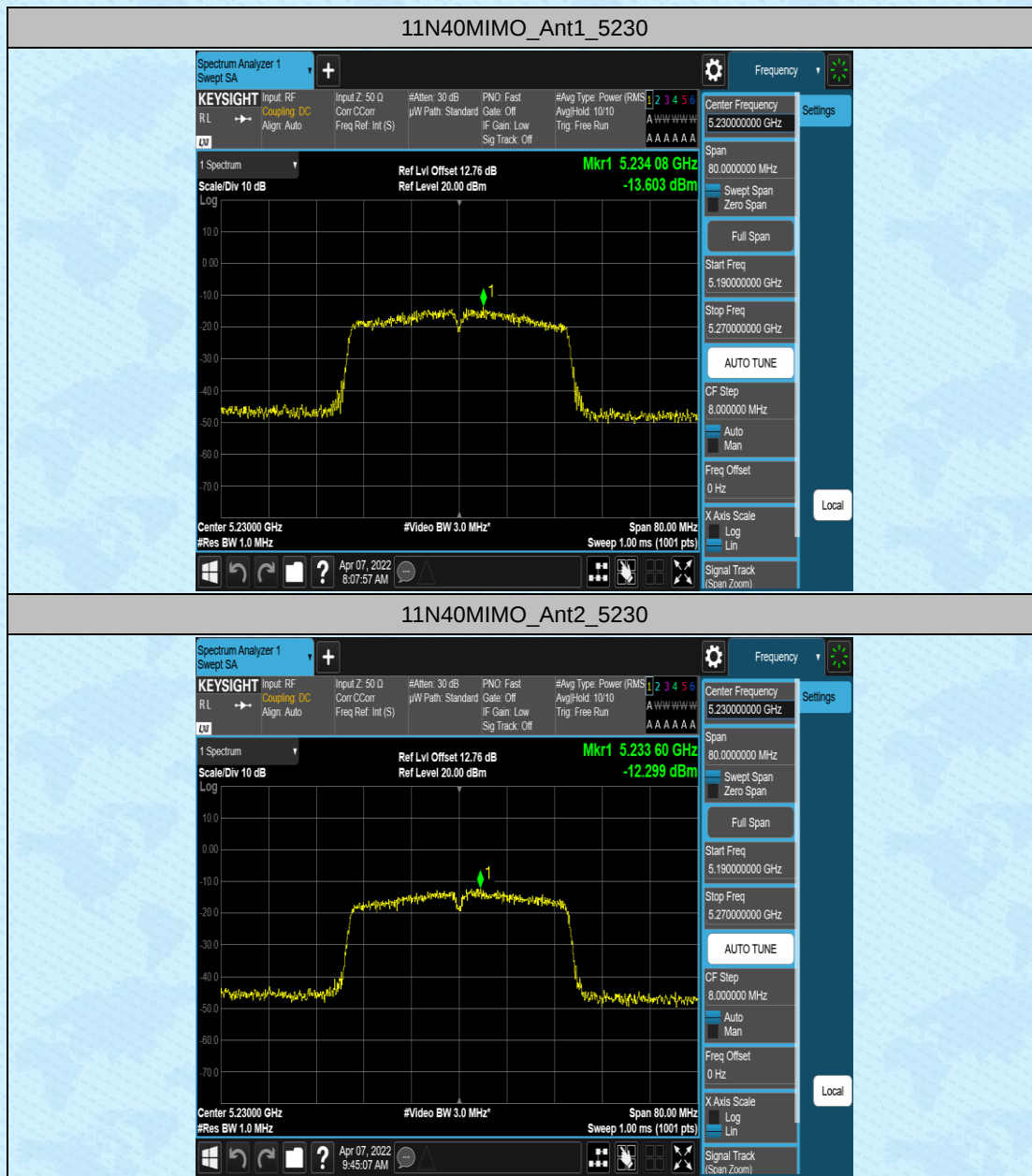








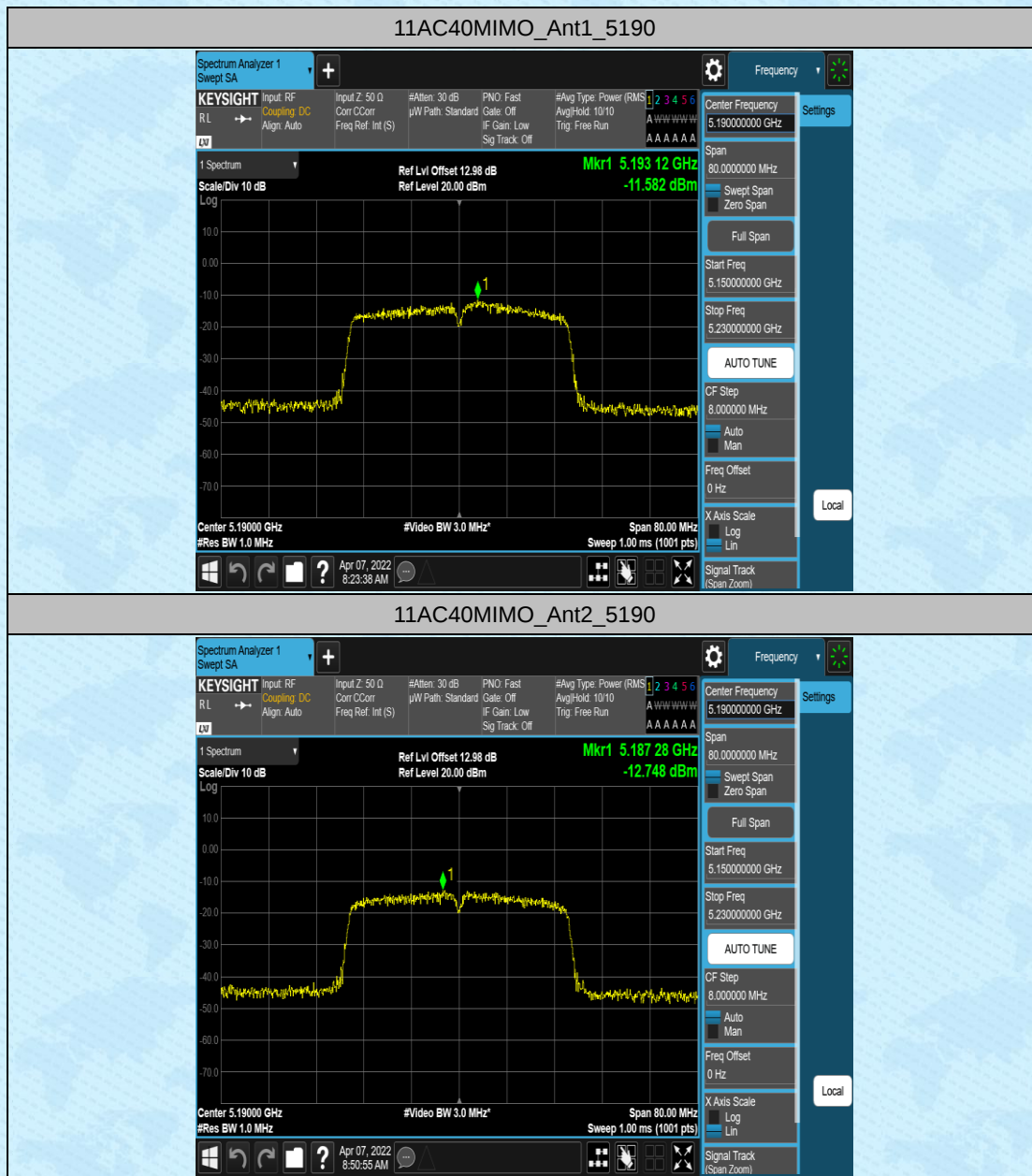


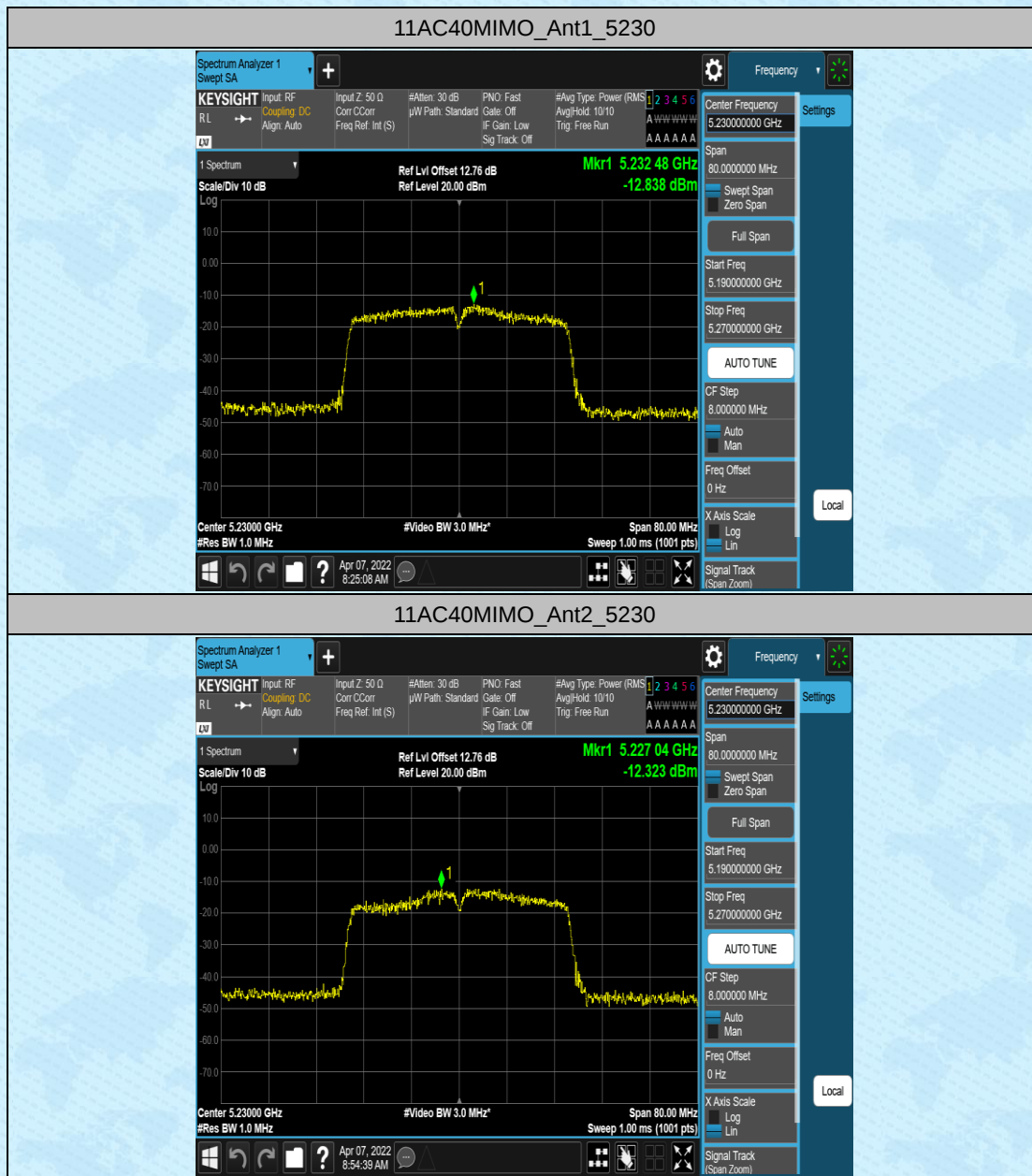


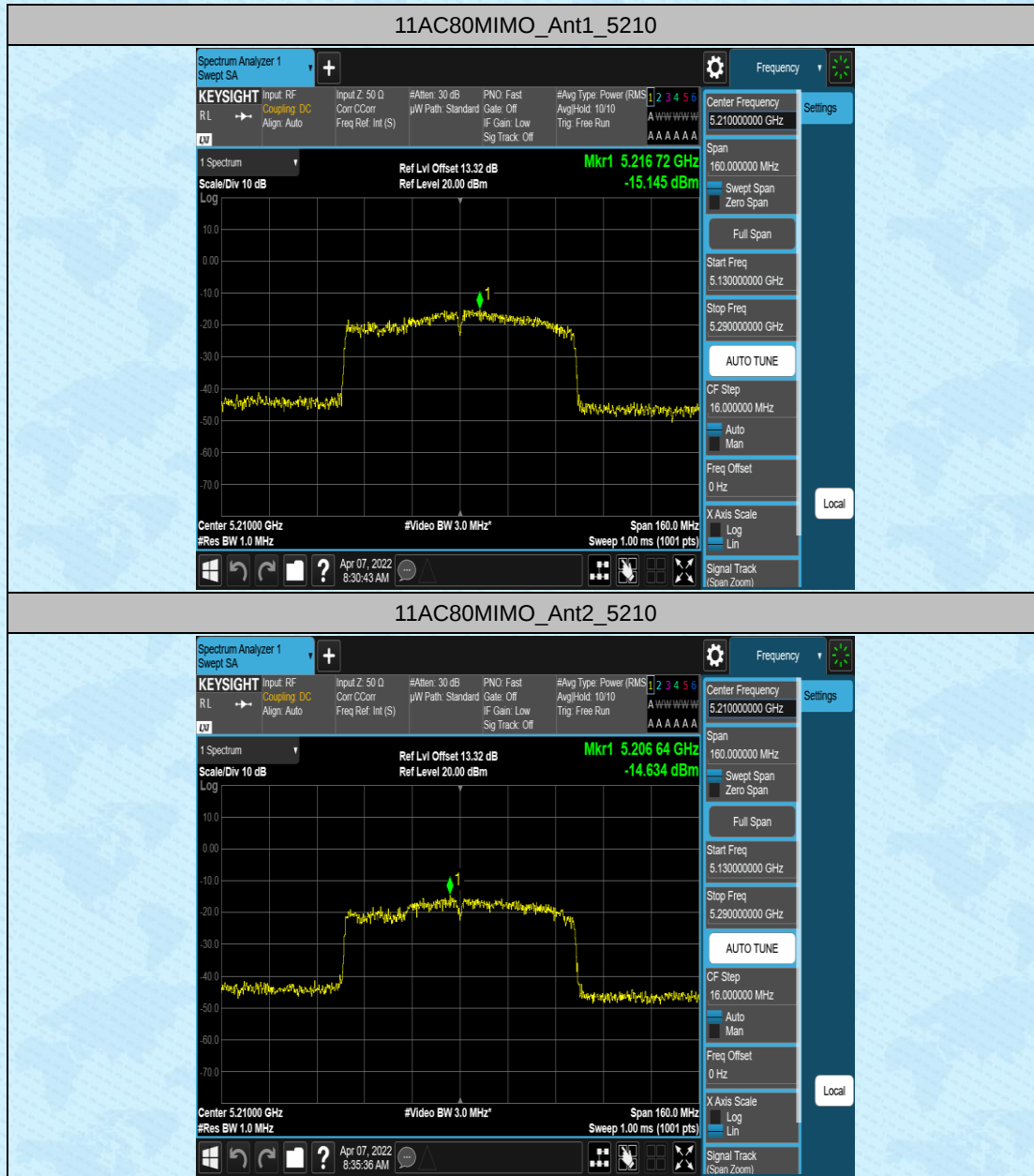












AppendixD:Frequency Stability**Test Result**

Test Condition	Test Mode	Test Frequency[MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	Carrier	5180	1	-6.7	<=20	PASS
		5190	1	-7.3	<=20	PASS
		5200	1	-7.4	<=20	PASS
		5210	1	-6.2	<=20	PASS
		5230	1	-6.8	<=20	PASS
		5240	1	-6.4	<=20	PASS

AppendixE: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.39	1.50	92.67	---	---
	Ant2	5180	1.39	1.50	92.67	---	---
	Ant1	5200	1.39	1.50	92.67	---	---
	Ant2	5200	1.39	1.50	92.67	---	---
	Ant1	5240	1.39	1.50	92.67	---	---
	Ant2	5240	1.39	1.50	92.67	---	---
11N20MIM O	Ant1	5180	1.30	1.41	92.20	---	---
	Ant2	5180	1.30	1.41	92.20	---	---
	Ant1	5200	1.30	1.41	92.20	---	---
	Ant2	5200	1.30	1.41	92.20	---	---
	Ant1	5240	1.30	1.41	92.20	---	---
	Ant2	5240	1.30	1.41	92.20	---	---
11N40MIM O	Ant1	5190	0.65	0.76	85.53	---	---
	Ant2	5190	0.64	0.75	85.33	---	---
	Ant1	5230	0.65	0.76	85.53	---	---
	Ant2	5230	0.65	0.76	85.53	---	---
11AC20MI MO	Ant1	5180	1.31	1.42	92.25	---	---
	Ant2	5180	1.31	1.42	92.25	---	---
	Ant1	5200	1.31	1.42	92.25	---	---
	Ant2	5200	1.31	1.42	92.25	---	---
	Ant1	5240	1.31	1.42	92.25	---	---
	Ant2	5240	1.31	1.42	92.25	---	---
11AC40MI MO	Ant1	5190	0.65	0.76	85.53	---	---
	Ant2	5190	0.65	0.76	85.53	---	---
	Ant1	5230	0.65	0.76	85.53	---	---
	Ant2	5230	0.65	0.76	85.53	---	---
11AC80MI MO	Ant1	5210	0.32	0.43	74.42	---	---
	Ant2	5210	0.32	0.43	74.42	---	---

Test Graphs

