

Wireless specifications

5 GHz		
	Tx	Rx
6MBit/s	25	-96
54MBit/s	20	-80
MCS0	25	-96
MCS7	19	-75

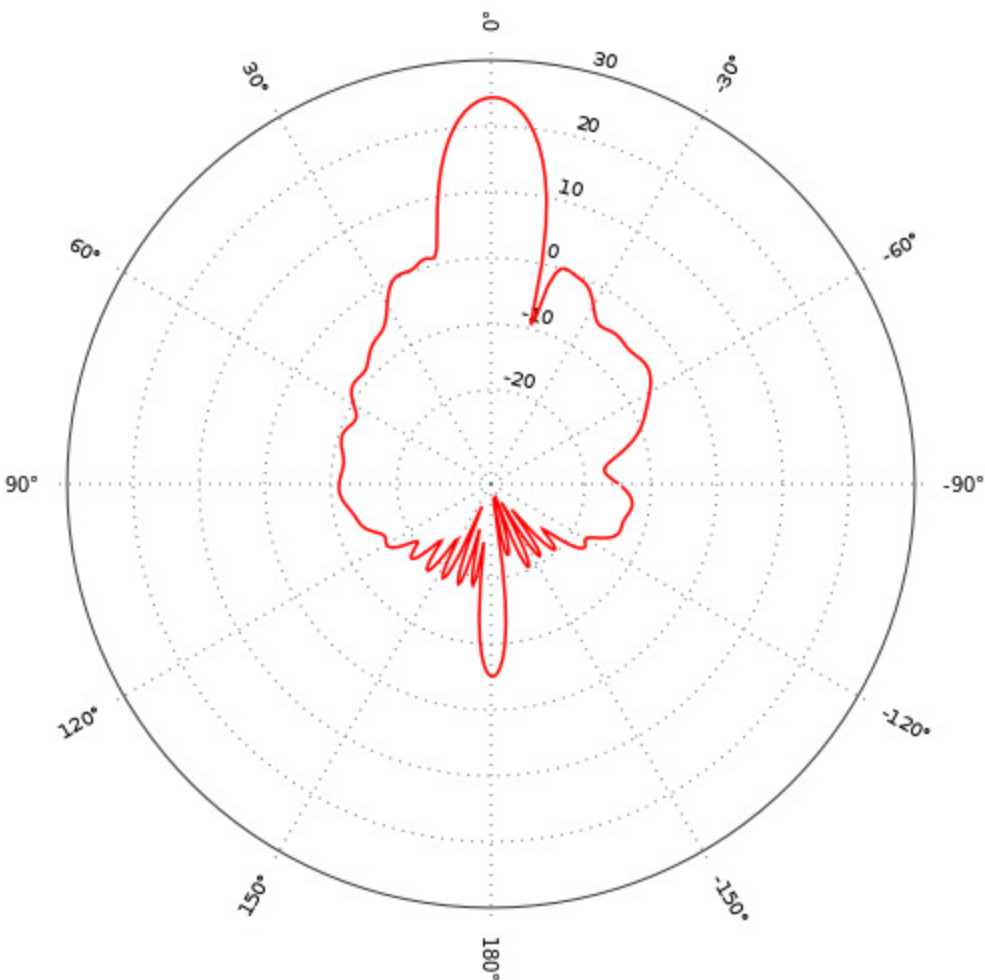
wireless parameters may be limited in software, depending on your local regulatory limitations

Performance test results

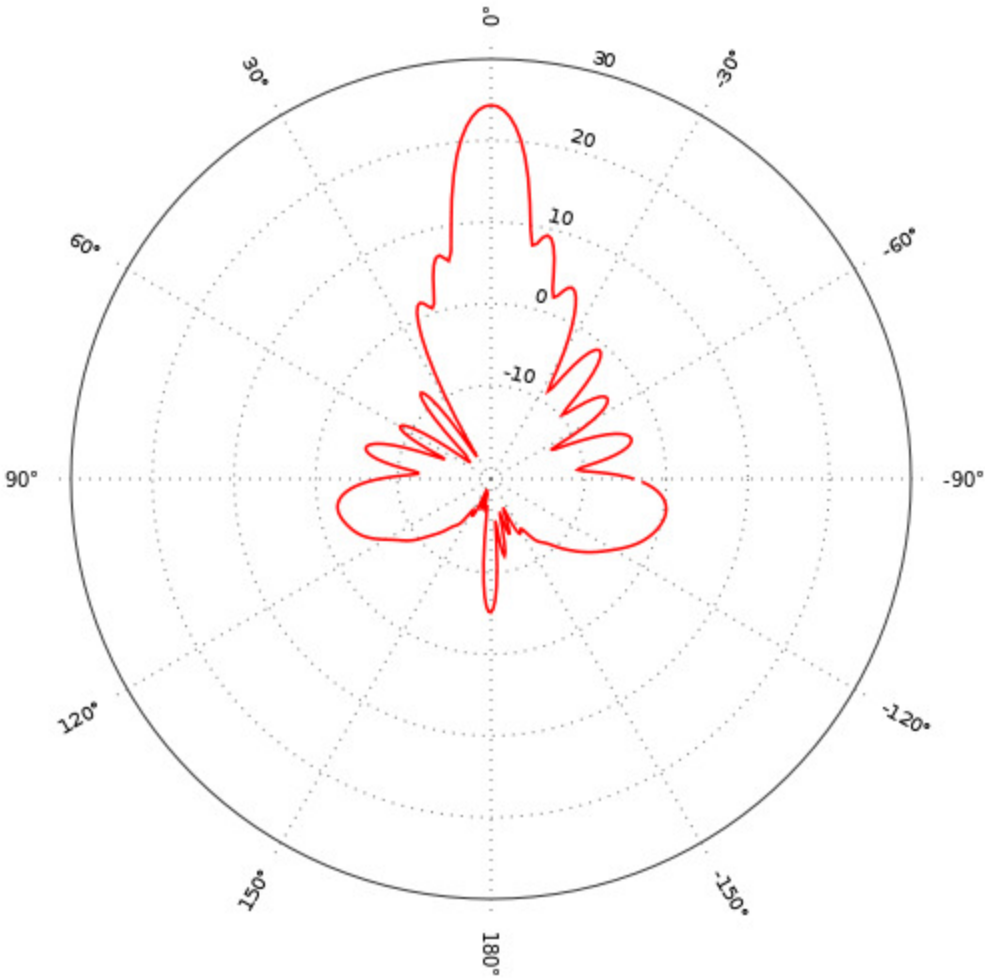
RBLHG-5nD		AR9344 100M 1 port test					
Mode	Configuration	1518 byte		512 byte		64 byte	
		kpps	Mbps	kpps	Mbps	kpps	Mbps
Bridging	none (fast path)	8.1	98.4	23.5	96.3	148.0	75.8
Bridging	25 bridge filter rules	8.1	98.4	23.5	96.3	87.6	44.9
Routing	none (fast path)	8.1	98.4	23.5	96.3	148.0	75.8
Routing	25 simple queues	8.1	98.4	23.5	96.3	106.6	54.6
Routing	25 ip filter rules	8.1	98.4	23.5	96.3	60.5	31.0

- 1. All tests are done with Xena Networks specialized test equipment (XenaBay),and done according to RFC2544 (Xena2544)
- 2. Max throughput is determined with 30+ second attempts with 0,1% packet loss tolerance in 64, 512, 1518 byte packet sizes
- 3. Values in *Italic* indicate that max throughput was reached without maxing out CPU, but because board interface configuration was maxed out
- 4. Test results show device maximum performance, and are reached using mentioned hardware and software configuration, different configurations most likely will result in lower results

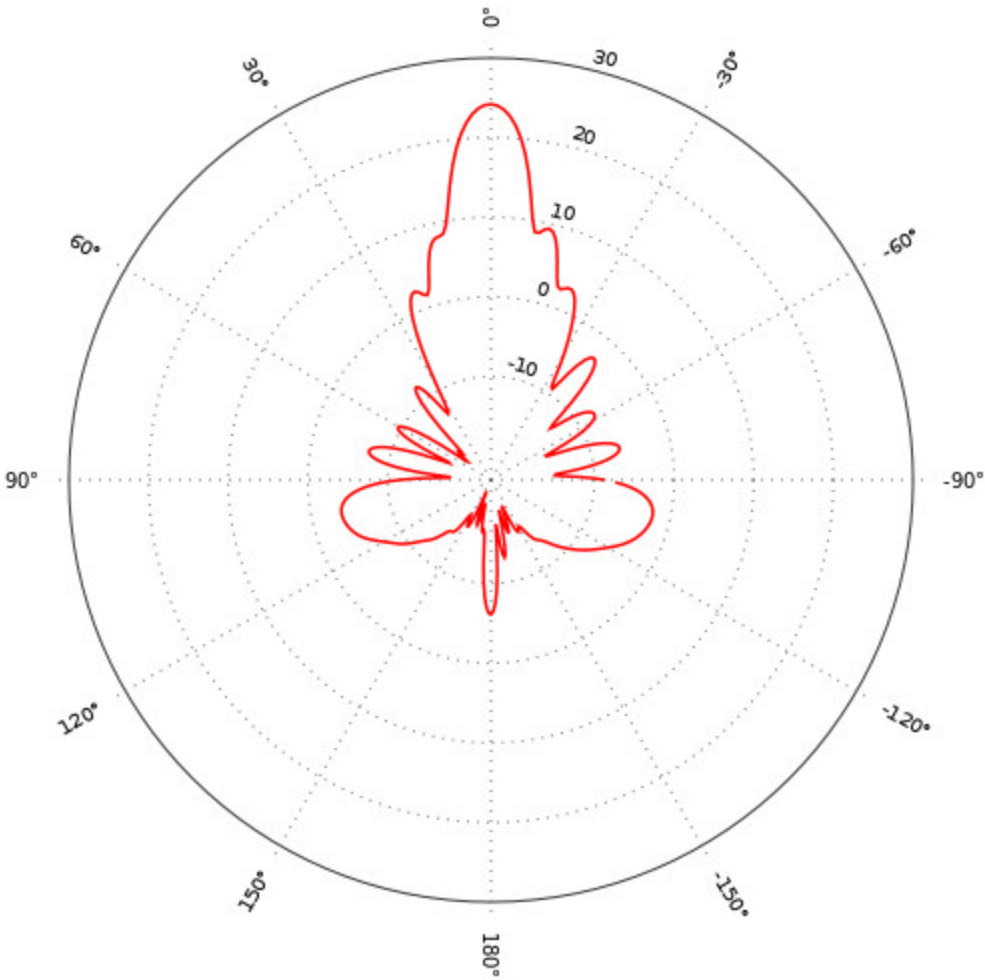
Antenna pattern Horizontal 0



Antenna pattern Horizontal 90



Antenna pattern Vertical 0



Antenna pattern Vertical 90

