



Data Rate Output Power

Intel WiFi Link 5100 (MN: 512AN_MMW)

<i>Mode</i>	<i>Chain</i>	<i>Bandwidth</i>	<i>Frequency (MHz)</i>	<i>Channel</i>	<i>Data Rate</i>	<i>Average Power (dBm)</i>
802.11b	A	20	2437	6	1	12.33
					5.5	12.12
					11	12.05
802.11g		20	2437	6	6	15.9
					36	15.26
					54	12.39
802.11n		20	2437	6	HT0	15.85
					HT4	15.56
					HT7	10.96
802.11n		40	2437	6	HT0	15.82
					HT4	15.47
					HT7	11.58
802.11a		20	5240	48	6	14.75
					36	14.38
					54	10.89
802.11n		20	5600	120	HT0	14.73
					HT4	14.5
					HT7	10.32
802.11n		40	5795	159	HT0	14.26
					HT4	13.78
					HT7	9.82

The measurements above support the selection of the lowest data rate in each mode for performing measurements as the lowest data rate for each mode has the highest output power.

*All power was taken conducted using an average power meter and sensor.

*Test software was in EEPROM Regulatory Limits mode