



Data Rate Output Power
Intel WiFi Link 5300 (MN: 533AN_HMW)

<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	16.22
					5.5	16.13
					11	16.02
802.11g		20	2437	6	6	16.31
					36	16
					54	15.64
802.11n		20	2437	6	HT0	16.42
					HT4	15.86
					HT7	14.37
802.11n		40	2437	6	HT0	16.6
					HT4	16.28
					HT7	15.84
802.11a		20	5240	48	6	16.18
					36	15.95
					54	14.77
802.11n		20	5600	120	HT0	15.68
					HT4	15.32
					HT7	14.12
802.11n		40	5795	159	HT0	15.62
					HT4	14.87
					HT7	13.46



<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	B	20	2437	6	1	15.96
					5.5	15.84
					11	15.77
802.11g		20	2437	6	6	17.31
					36	16.99
					54	16.29
802.11n		20	2437	6	HT0	17.26
					HT4	17.02
					HT7	16.14
802.11n		40	2437	6	HT0	17.24
					HT4	17.16
					HT7	16.03
802.11a		20	5240	48	6	16.1
					36	15.76
					54	14.42
802.11n		20	5600	120	HT0	15.5
					HT4	15.13
					HT7	14.29
802.11n		40	5795	159	HT0	15.7
					HT4	15.23
					HT7	14.05



<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	C	20	2437	6	1	15.88
					5.5	15.67
					11	15.6
802.11g		20	2437	6	6	15.7
					36	15.28
					54	14.14
802.11n		20	2437	6	HT0	15.44
					HT4	15.16
					HT7	14.35
802.11n		40	2437	6	HT0	16
					HT4	15.54
					HT7	14.47
802.11a		20	5240	48	6	15.02
					36	14.69
					54	13.52
802.11n		20	5600	120	HT0	15.54
					HT4	15.47
					HT7	14.35
802.11n		40	5795	159	HT0	15.49
					HT4	15.11
					HT7	14.28

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