



Maximum Power Levels

This document lists the maximum power levels, and antenna gains supported by the world's regulatory domains.

IEEE 802.11g (2.4-GHz Band)

An improper combination of power level and antenna gain can result in equivalent isotropic radiated power (EIRP) that exceeds the amount allowed per regulatory domain. [Table 1](#) indicates the maximum power levels and antenna gains allowed for each IEEE 802.11g regulatory domain.



Note

To meet regulatory restrictions, the external antenna BR1300 must be professionally installed by someone such as the network administration or other IT professional. Following installation, access to the unit should be password protected by the network administrator to maintain regulatory compliance.

Table 1 Maximum Power Levels Per Antenna Gain for IEEE 802.11g

Regulatory Domain	Antenna Gain (dBi)	Maximum Power Level (mW)	
		CCK	OFDM
Americas (-A) (4 W EIRP maximum)	2.2	100	30
	6	100	30
	6.5	100	30
	10	100	30
	13.5	100	30
	15	50	20
	21	20	10



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Table 1 Maximum Power Levels Per Antenna Gain for IEEE 802.11g (continued)

Regulatory Domain	Antenna Gain (dBi)	Maximum Power Level (mW)	
		CCK	OFDM
EMEA (-E) and Israel(-I) (100 mW EIRP maximum)	2.2	50	30
	6	30	10
	6.5	20	10
	10	10	5
	13.5	5	5
	15	5	1
	21	1	—
Japan (-J) (10 mW/MHz EIRP maximum)	2.2	5	5
	6	5	5
	6.5	5	5
	10	5	5
	13.5	5	5
	15	5	5
	21	5	5



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