

HYPERLINK FCC ID: MYF-WL2401
COMPLETE SYSTEM CONFIGURATION AND EIRP INFO

OMNIDIRECTIONAL SYSTEMS:

The limit for the omnidirectional systems as defined in Part 15.247 is 36 dBm.

ANTENNA MODEL	TYPE	CABLES	OUTPUT POWER	ANT GAIN	TOTAL EIRP
HG2408U	OMNI	50 FT LMR400 0.5m PIGTAIL	24 dBm	8 dBi	32.0 dBm
HG2415U	OMNI	50 FT LMR400 0.5m PIGTAIL	20 dBm	15 dBi	35.0 dBm

Note: all systems above will also include a lightning protector.

DIRECTIONAL FIXED POINT-TO-POINT SYSTEMS:

The highest gain antenna used is 23.5 dBi. The maximum allowed output power for the maximum gain antenna is:

$$30 \text{ dBm} - (23.5\text{dBi} - 6\text{dBi})/3 = 24.2 \text{ dBm}$$

ANTENNA MODEL	TYPE	CABLES	OUTPUT POWER	ANT GAIN	TOTAL EIRP
HG2408P	DIRECTIONAL PATCH	50 FT LMR400 0.5m PIGTAIL	24 dBm	8 dBi	32.0 dBm
HG2412P	DIRECTIONAL PANEL	50 FT LMR400 0.5m PIGTAIL	24 dBm	12 dBi	36.0 dBm
HG2415G	DIRECTIONAL GRID	50 FT LMR400 0.5m PIGTAIL	24 dBm	15 dBi	39.0 dBm
HG2415Y	DIRECTIONAL YAGI	50 FT LMR400 0.5m PIGTAIL	24 dBm	14.5 dBi	38.5 dBm
HG2419G	DIRECTIONAL GRID	50 FT LMR400 0.5m PIGTAIL	24 dBm	19 dBi	43.0 dBm
HG2424G	DIRECTIONAL GRID	50 FT LMR400 0.5m PIGTAIL	24 dBm	23.5 dBi	47.5 dBm

Note: all systems above will also include a lightning protector.