

RF Safety Compliance

Product: Hyperlink Extended Range Wireless LAN (Outdoor)
FCC ID: MYF-WL2401

Ref:

1. FCC Part 15, sub-clause 15.247 (b) (4)
2. FCC OET Bulletin 65, Edition 97-01
3. FCC Supplement C to OET Bulletin 65, edition 97-01

Ref	Antenna Type	Specified Antenna Gain (dBi)	Maximum Output Power at Antenna Terminal (dBm)	Total EIRP (dBm)	Total EIRP (mW)	MPE Distance (cm) Note 1&2
1	HG2408P	7.5	24.0	31.5	1412.5	10.6
2	HG2408U	8.0	24.0	32.0	1584.9	11.2
3	HG2412P	12.0	20.2	32.2	1659.6	11.5
4	HG2415Y	14.5	20.2	34.7	2951.2	15.3
5	HG2415U	15.0	20.2	35.2	3311.3	16.2
6	HG2415G	15.0	20.2	35.2	3311.3	16.2
7	HG2419G	19.0	17.0	36.0	3981.1	17.8
8	HG2424G	23.5	11.6	35.1	3235.9	16.0

Notes:

1. MPE distance figures are based upon a conservative “worst case” prediction, i.e: using formula $S=EIRP/(4\pi R^2)$ and no calculation for duty factor. In practice the minimum distance will be much shorter.
2. The minimum MPE distance has been calculated for the maximum allowed Power Density (S) limit of 1.0 mW/cm² in the frequency range 1500-100,000 MHz for uncontrolled environments.
3. For all antennae (Ref no 1 through 8) the following statement will be put in the product manuals: *“Caution: Exposure to Radio Frequency radiation. Antennae shall be mounted in such a manner to minimize the potential for human contact during normal operation. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20 cm (8 inches) during normal operation”.*
4. Note that an MPE of 20 cm is indicated to cover possible future antennae.