System Configuration - How the System EIRP is Determined

In all cases, the total EIRP of the system is below the Part 15.247(d) EIRP limit of 36 dBm.

Antenna Model	Transmitter Power (dBm)	Cable Insertion Loss* (dB)	Filter Y/N ?	Filter Model #	Filter Insertion Loss (dB)	Antenna Gain (dBi)	System Net EIRP (dBm)
HG2408U	16.0	4.7	No	N/A	0.0	8.0	**19.3**
HG2412U	16.0	4.7	No	N/A	0.0	12.4	**23.7**
HG2414Y	16.0	4.7	No	N/A	0.0	13.5	**24.8**
HG2415Y	16.0	4.7	Yes	CLLN-F	0.5	13.5	**24.3**
HG2415G	16.0	4.7	Yes	FLT-2400C01	3.0	15.0	**23.3**
HG2419G	16.0	4.7	Yes	FLT-2400C01	3.0	19.0	**27.3**
HG2424GC	16.0	4.7	Yes	FLT-2400C01	3.0	23.5	**31.8**
HG2424G	16.0	4.7	Yes	FLT-2400C01	3.0	24.0	**32.3**

* Cable Insertion Loss includes:

4 ft. Jumper Cable	1.2 dB
Lightning Protector	0.4 dB
50 ft. Antenna Cable	3.1 dB
	4.7 dB

HyperLink Technologies, INC.