

System Configuration - How the System EIRP is Factory Configured

The amplifier unit contains a built-in transmit attenuator which is factory configurable. The amplifier is a completely sealed unit, and therefore the attenuator is not accessible to the user.

The transmit attenuator values are selected to ensure that the total EIRP of the system will not exceed the Part 15.247(d) EIRP limit in any instance.

Antenna Model	Amplifier PA Output (dBm)	Transmit Attenuator (dB)	Filter Insertion Loss (dB)	System Transmit Power (Max) (dBm)	Antenna Gain (dBi)	System Net EIRP (dBm)
HG2408U	25.1	0.0	3.0	22.1	8.0	30.1
HG2412U	25.1	1.0	3.0	21.1	12.4	33.5
HG2414Y	25.1	4.0	3.0	18.1	13.5	31.6
HG2415G	25.1	5.0	3.0	17.1	15.0	32.1
HG2419G	25.1	9.0	3.0	13.1	19.0	32.1
HG2424GC	25.1	14.0	3.0	8.1	23.5	31.6