

Antenna Part Number	Gain (dBi)	Output Power (W)	Minimum Separation Distance (cm)	Minimum Cable-Jumper-Connector Loss (dB)**	EIRP (dBm)	Power Flux Density (mW/cm ² ***)
AA01S	0	29.4	20		29.4	0.173
AA20DMEg	5	29.4	20		34.4	0.548
AA20Eg	6	29.4	20		35.4	0.690
AA203Eg	6	29.4	20		35.4	0.690
AA204Eg*	19	24.0	50		43	0.635
AA20E	8.1	29.4	20	2.95	34.55	0.567
AA203ES	9.1	29.4	100	2.95	35.55	0.029
AA204ES*	13.5	29.4	100	2.95	39.95	0.079

* Fixed P-P FCC EIRP Limit = $30 - (G - 6) / 3 + G = 32 + 2G / 3$ dBm

** P8-2 user manual

*** FCC General Population Limit is 1 mW/cm²