

2.2.5 Antennas

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Antenna Type	Manufacturer and Part Number
2' dish plane polarized, 28.5 dBi	Gabriel SSP2-52ARI
2' dish dual polarized, 28.5 dBi	Gabriel SSD2-52ARI
*4 ' diameter dish, plane polarized, 33.5 dBi	Gabriel SSP4-52A
*4' diameter dish, dual polarized, 33.5 dBi	Gabriel SSD4-52A
14" flat panel . 23 dBi	MTI Technology MT30102
2 ft dish, 26 dBi	Radiowaves SP1-5.2NL
6" ft flat panel, 18 dBi	Gabriel DFPD 5-52

- The 4-foot dish antennas are for use outside the USA only, and are not FCC compliant.

Maximum Power, dBm, into antenna

	23 dBi Mti Panel	18 dBi Gabriel panel	26 dBi Radiowaves dish	28.5dBi Gabriel dish
fo MHz	Max P, dBm	Max P, dBm	Max P, dBm	Max P, dBm
5250- 5350	4	8	0	not used
5807.3	4**	12	4**	0**
5733.6	12	12	12	8**
all others	12	12	12	8**

** limited by EIRP and PSD restrictions in 15.407(a),(b) of FCC Rules

2.2.6 Diagnostics