

Antenna Information

The antenna gain is about 0.35 dBi. This is based on a power output of 4.85 dBm and a field strength of 103.58 dBuV/m.

$$G = (FS \cdot D)^2 / 30 \times TP$$

Where G is the numeric Gain
FS is field strength in V/m
D is the distance in meters
TP is the total Output in Watts

$$G = (0.15100805 \cdot 3)^2 / (30 \cdot 0.00305492111)$$

$$G = 2.23934626$$

$$G \text{ in dBi} = 10 \text{ Log } 2.23934626 = 3.50121 \text{ dBi}$$

