

The antenna is a meandered Inverted F Antenna (IFA) PCB trace with a nominal gain of 0dBi

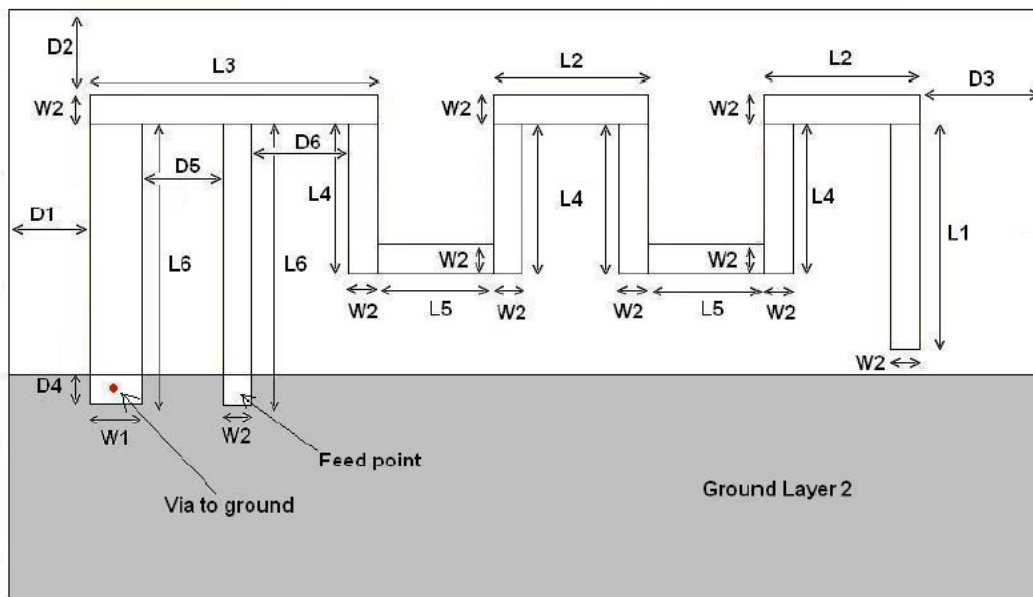
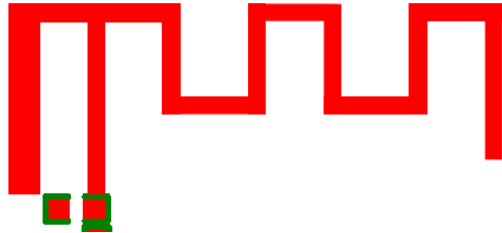


Figure 3: Antenna Dimensions

L1	3.94 mm
L2	2.70 mm
L3	5.00 mm
L4	2.64 mm
L5	2.00 mm
L6	4.90 mm
W1	0.90 mm
W2	0.50 mm
D1	0.50 mm
D2	0.30 mm
D3	0.30 mm
D4	0.50 mm
D5	1.40mm
D6	1.70 mm

Table 1: Antenna Dimensions

The conducted antenna power has been measured and reported in test report 4315 FR, with a maximum of -3.24 dBm

The report also which also shows that the peak radiated power is a maximum of 86.67 dB μ V/m.

This is equivalent to -8.6 dBm e.i.r.p so the actual effective antenna gain in the device is approximately -5dBi.