

Antenna specification

Model: DN0007

Brand: TEXAS

Manufacturer: TEXAS INSTRUMENTS

1. Antenna describe:

Antenna Model: DN0007

Antenna plate: 2.4 GHz Inverted F Antenna

Frequency range: 2400-2500MHz

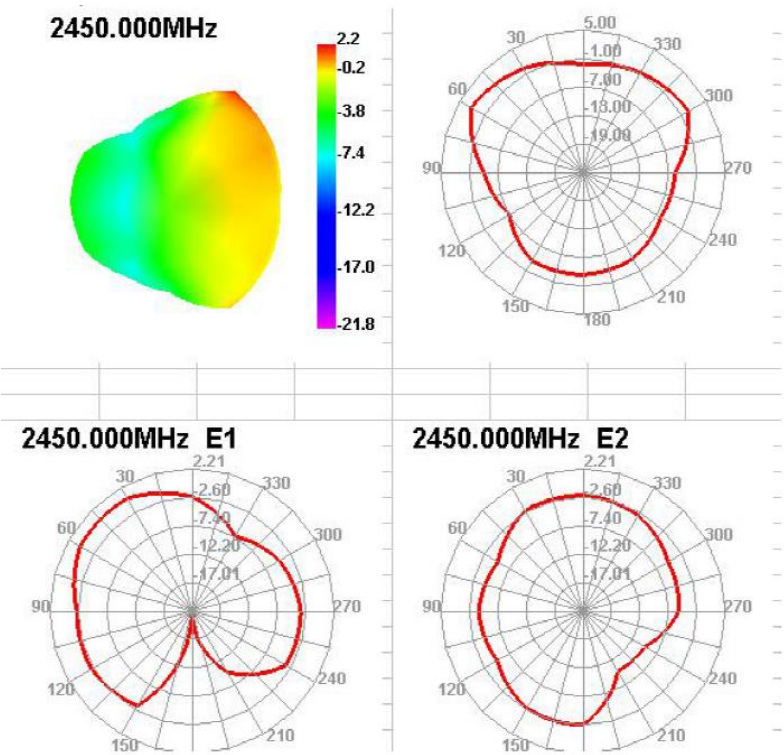
Antenna gain: 2.2dBi

Connector type: PCB

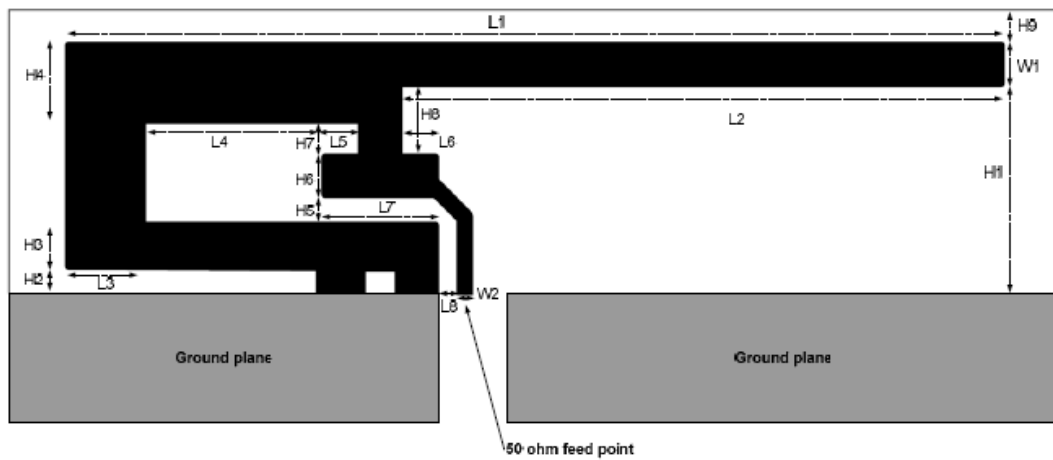
2. Radiation pattern

Total Peak Gain: 2.2dBi

Frequency	Efficiency(%)	Peak GAIN (dBi)
2.400	40.26	1.9 dBi
2450	41.46	2.2dBi
2500	39.74	1.7dBi
2575	38.36	1.4dBi



3. Antenna structure drawing



H1	5.70 mm	W2	0.46 mm
H2	0.74 mm	L1	25.58 mm
H3	1.29 mm	L2	16.40 mm
H4	2.21 mm	L3	2.18 mm
H5	0.66 mm	L4	4.80 mm
H6	1.21 mm	L5	1.00 mm
H7	0.80 mm	L6	1.00 mm
H8	1.80 mm	L7	3.20 mm
H9	0.61 mm	L8	0.45 mm
W1	1.21 mm		