

Antenna Information

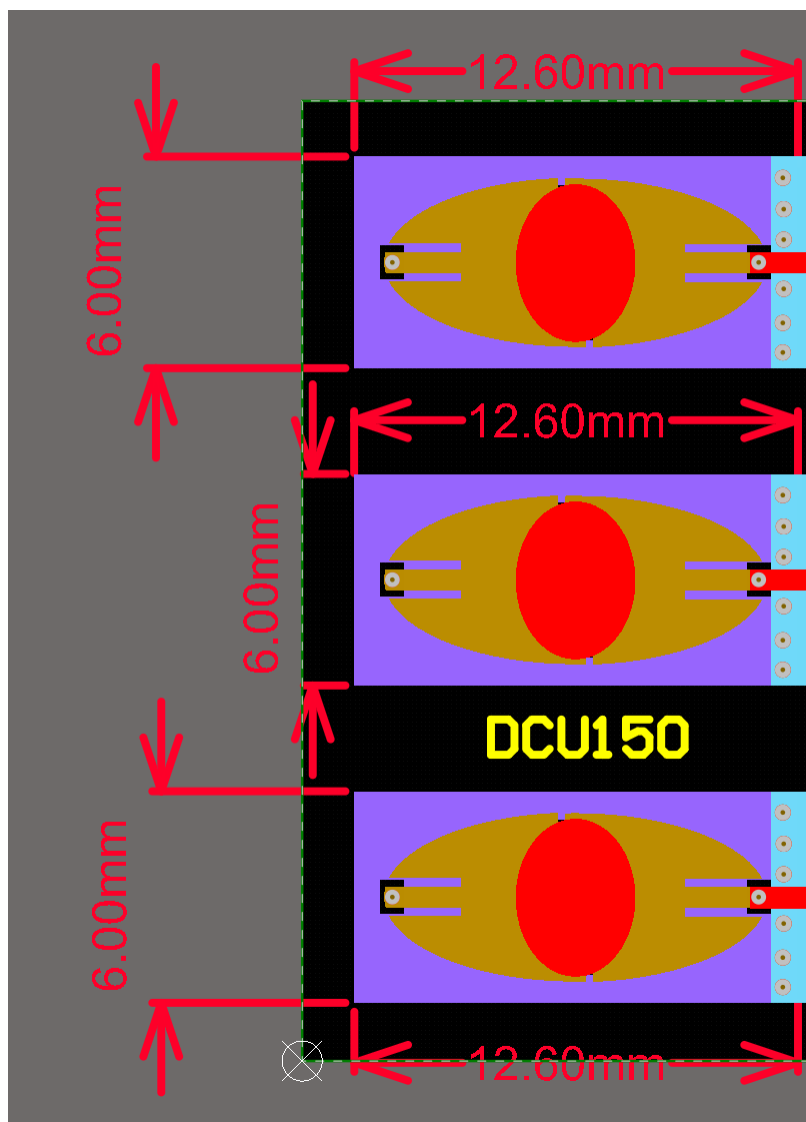
1- Basic information about the antenna (e.g., antenna model, antenna supplier, etc.)

Antenna suppliers : Truesense S.R.L.

Antenna type : On Board PCB Patch Antenna

Antenna Model : not have

Antenna Dimension Drawing : 12.6mm * 6.0mm (x3 pcs, 1pcs for TX, 2pcs for RX)



2- Antenna Parameters

3- frequency band of an antenna

6.0 ~ 8.5GHz

4- Antenna gain value

Peak directivity:

5.3dBi @CH5

5.8dBi @CH9

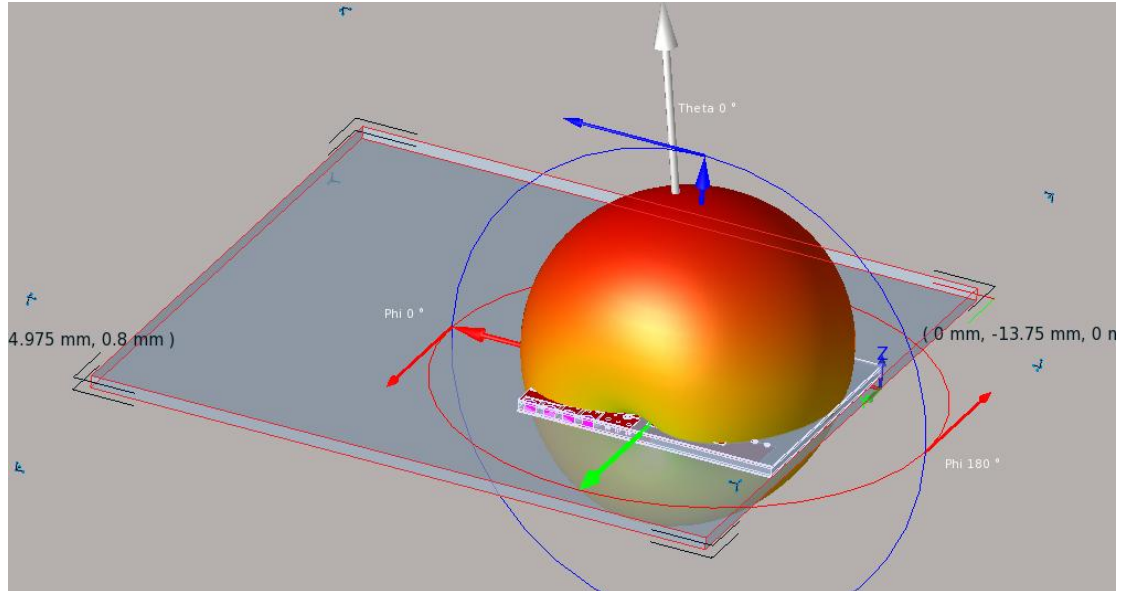
5- Antenna Test Frequency Data

	6.5GHz	7GHz	7.5GHz	8GHz	8.5GHz
PeakDirectivity (dBi)	5.3	4.1	4.7	5.8	5.2
Efficiency	70%	62%	71%	80%	78%

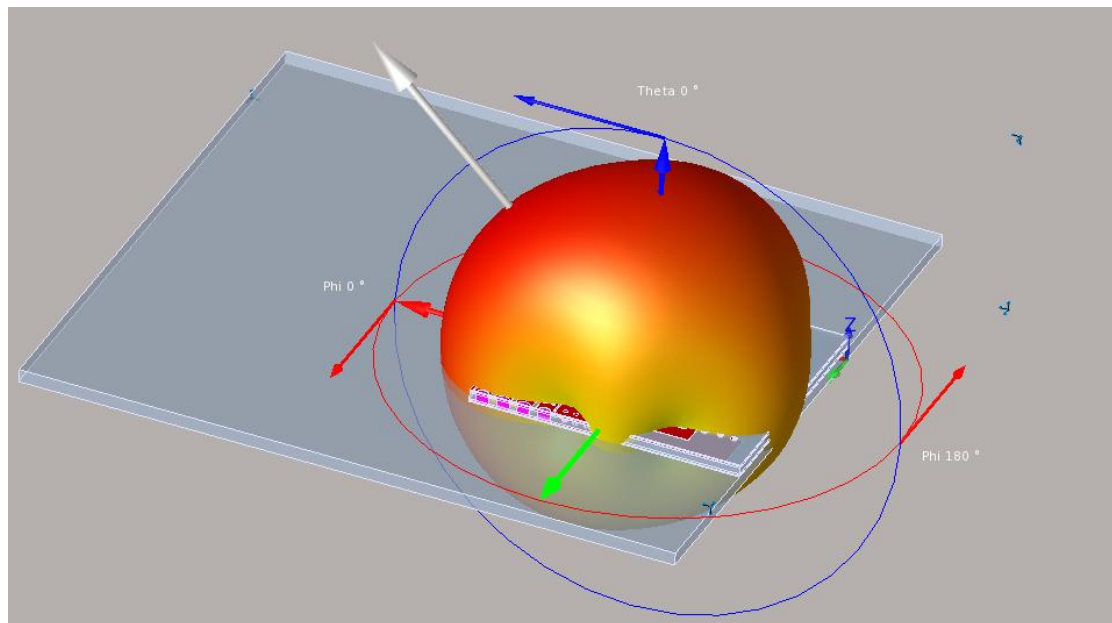
6- Antenna field strength diagram

DCU150 antenna.

Directivity at Channel 5



Directivity at Channel 9



Directivity at channel 9 center frequency and ch9 center frequency $\pm 500\text{MHz}$

