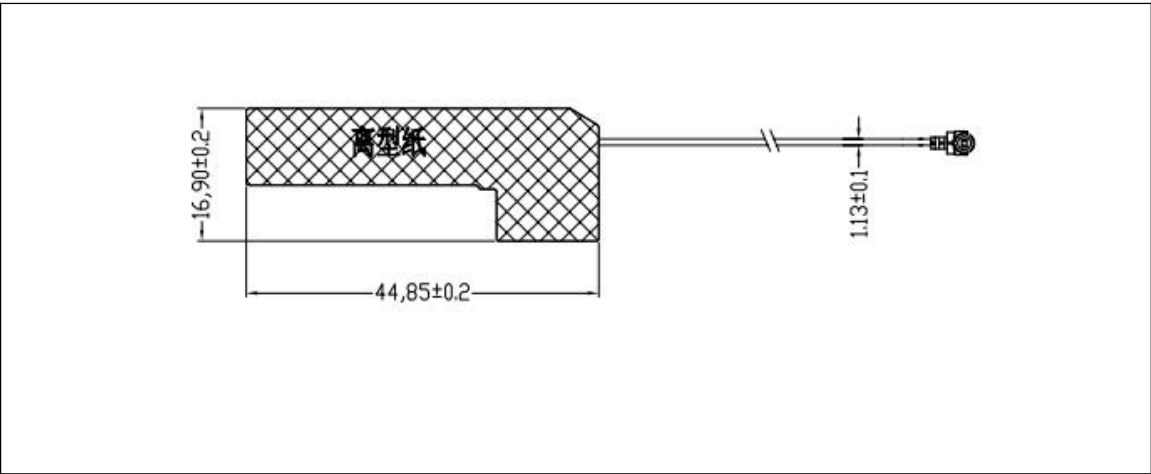


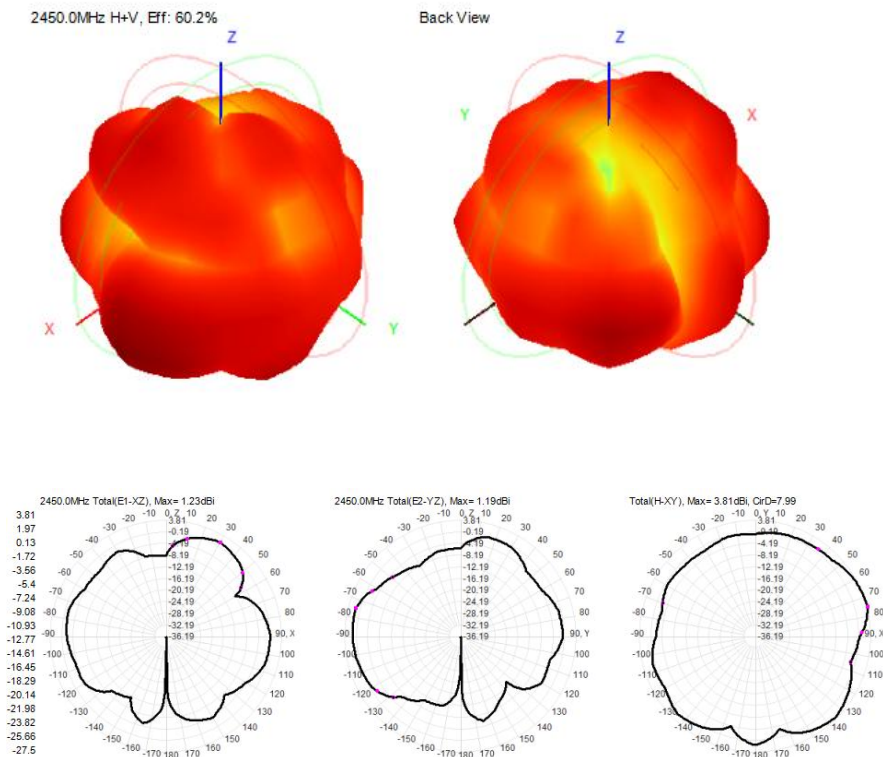
Antenna Information

Manufacturer	Shenzhen IPD electronic co., ltd
Antenna Type	Onboard antenna
Antenna Model	Snake antenna
Antenna Part Number	3010-0491
Antenna Frequency Range	2400-2500MHz
Antenna Input Power Limitation	20dBm
Antenna Peak Gain	3.84dBi

Antenna Photo



Antenna Pattern/Gain Measurement data/Table:



Antenna Pattern/Measurement data

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-2.33	-2.37	-2.38	-2.28	-2.26	-2.21	-2.14	-2.15	-2.30	-2.39	-2.57
Gain (dBi)	3.80	3.80	3.67	3.79	3.84	3.81	3.63	3.32	3.10	3.02	2.65
Efficiency (%)	58.46	58.00	57.80	59.09	59.46	60.17	61.07	60.99	58.84	57.74	55.36