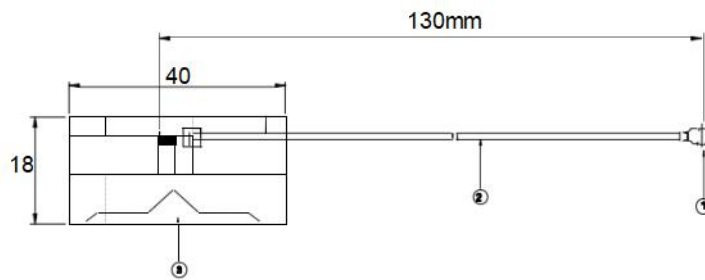


YY-NZ-151 antenna:



**Pack Gain:**

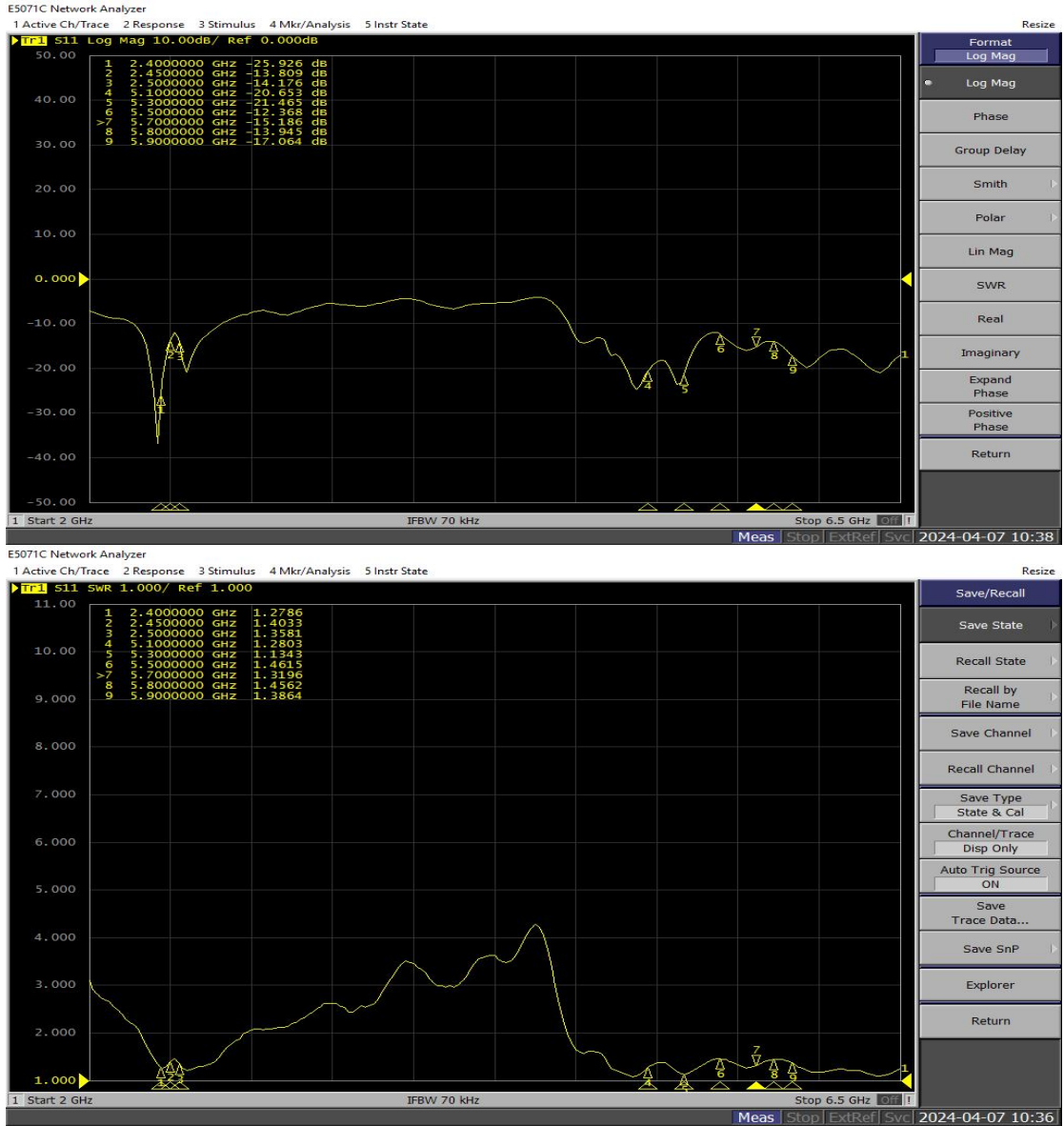
**2.4G : 2.05 DBi**

**5 G : 3.08 DBi**

**The S11 diagram of the antenna:**

Marker (MHZ )	2400	2450	2500	5100	5300	5500	5700	5800	5900
Returnloss	-25.92	-13.80	-14.17	-20.65	-21.46	-12.36	-15.18	-13.94	-17.06
VSWR	1.27	1.40	1.35	1.28	1.13	1.46	1.31	1.45	1.38

# Shenzhen Jinwei Intelligent Co., LTD

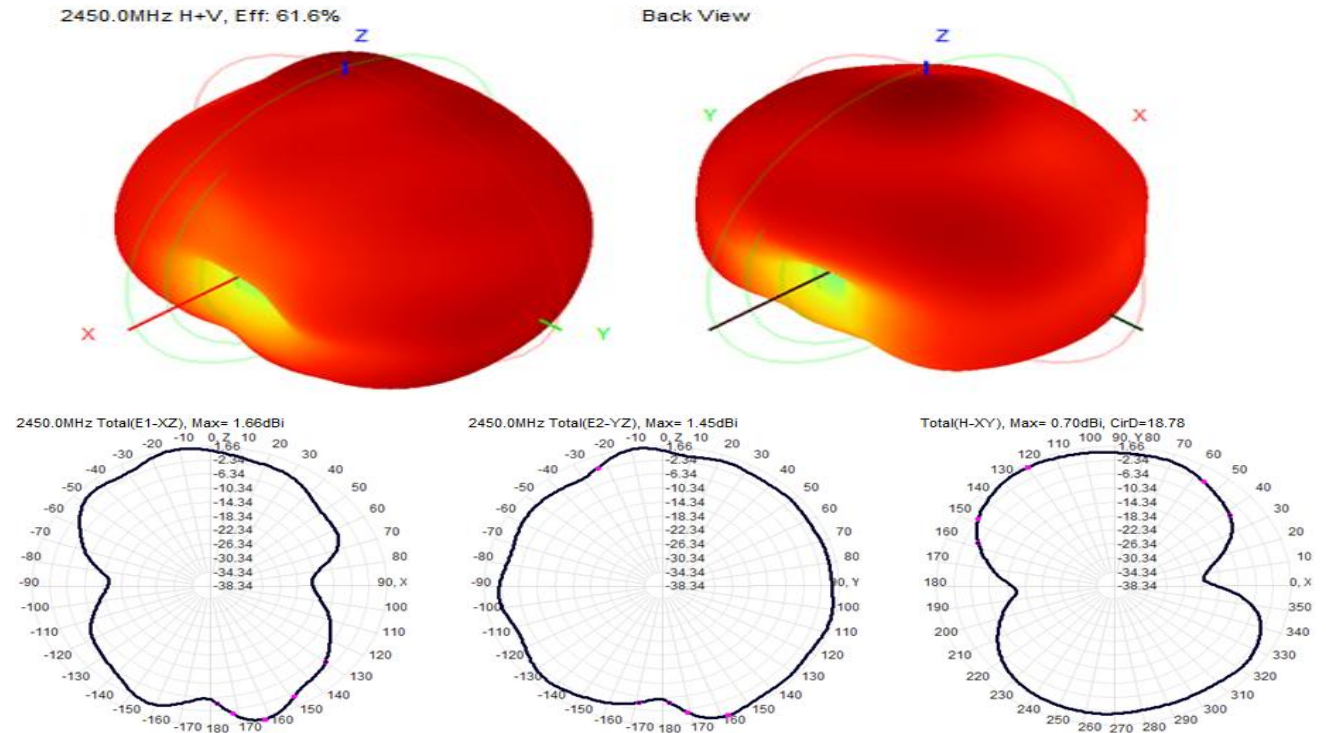


Gain efficiency of the antenna:

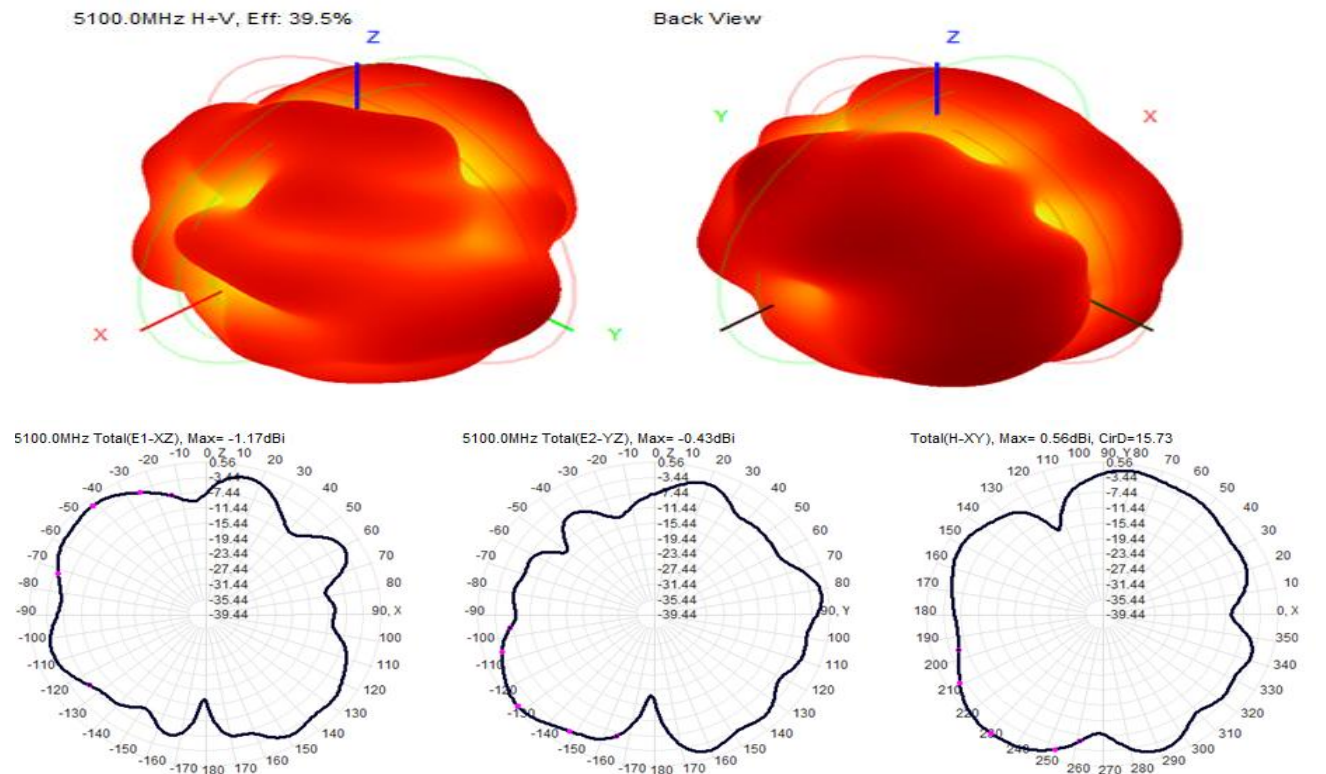
Marker (MHz)	2400	2450	2500	5100	5300	5500	5700	5800	5900
Gain (dBi)	1.70	1.95	2.05	0.77	0.43	1.20	3.04	3.08	1.48
Efficiency (%)	58.65	61.67	61.65	39.49	43.39	47.87	57.95	51.75	47.46

Radiation direction diagram of the antenna:

2450 MHz:

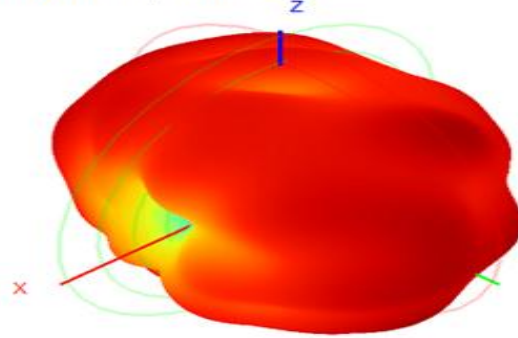


5100 MHz:

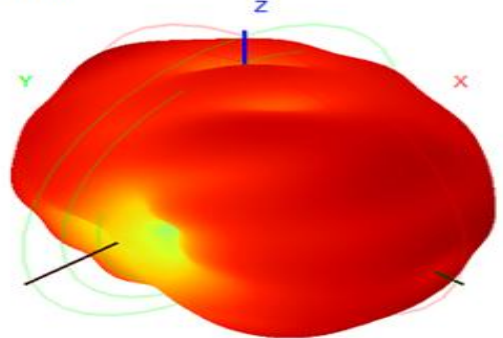


**5500 MHz: 5800 MHz:**

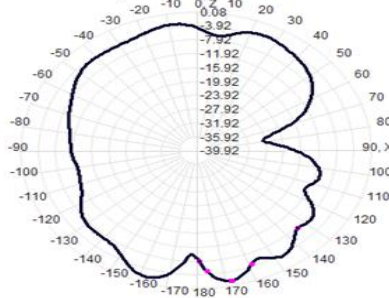
5500.0MHz H+V, Eff: 47.9%



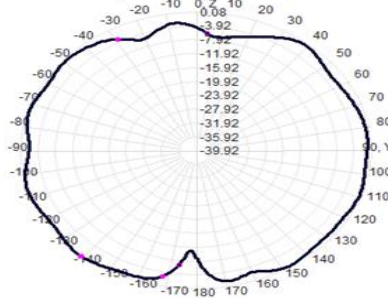
Back View



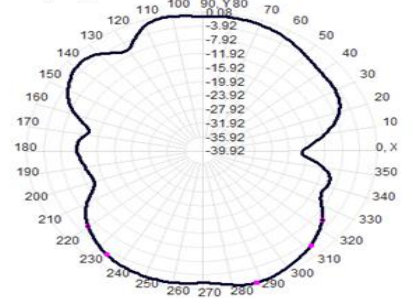
5500.0MHz Total(E1-XZ), Max= -1.78dBi



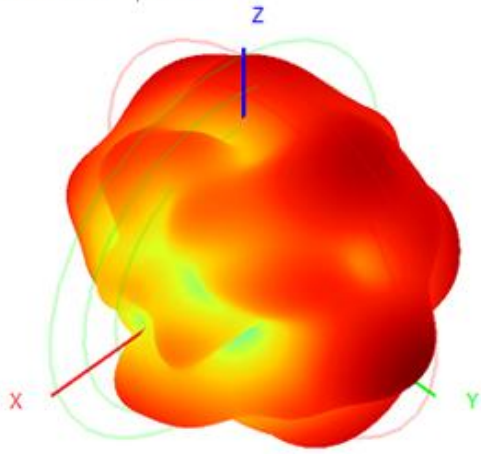
5500.0MHz Total(E2-YZ), Max= 0.08dBi



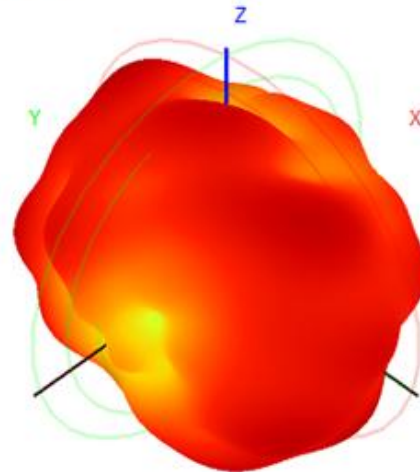
Total(H-XY), Max= 0.04dBi, CirD=17.38



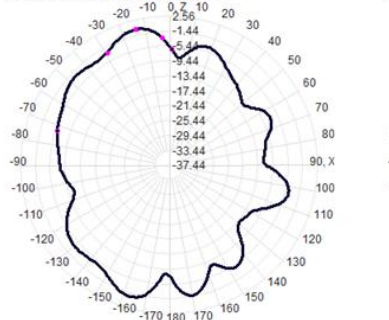
5800.0MHz H+V, Eff: 51.7%



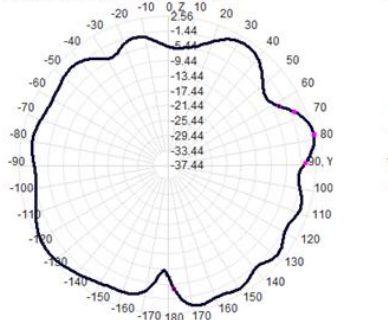
Back View



5800.0MHz Total(E1-XZ), Max= 0.07dBi



5800.0MHz Total(E2-YZ), Max= 2.56dBi



Total(H-XY), Max= 0.58dBi, CirD=15.91

