

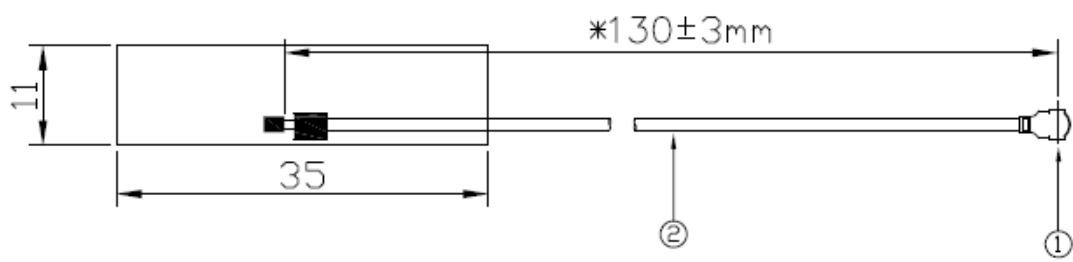
Antenna describe

1. Antenna describe:

Antenna plate	FPCB ANTENNA
Make name/model name	NB+5G3511-113B-130LX
Antenna gain	0.50dBi
Frequency range	2.4GHZ-2.483GHZ
Connector type	direct
Manufacturer Name:	Dongguan Speedwave Electronics Co., Ltd.
Manufacture Address:	No. 6, Qining East Road, Humen Town, Dongguan City

2. External view drawing:

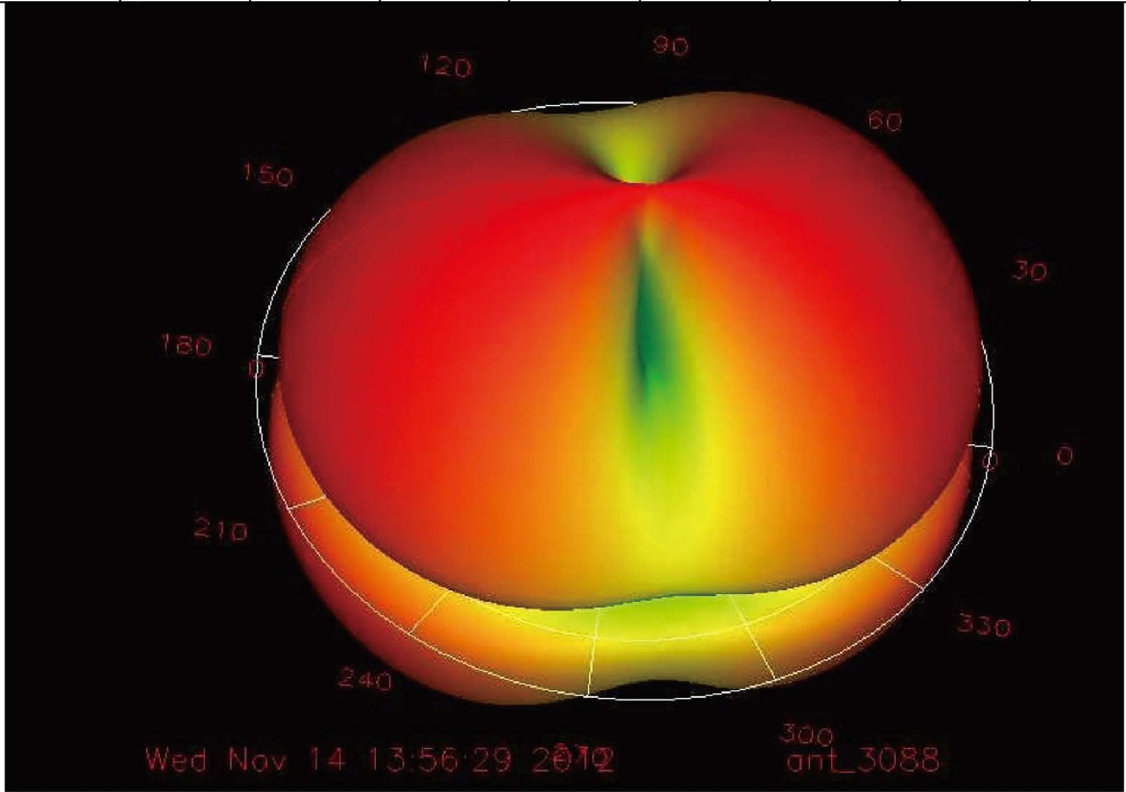
Picture of antenna



3. Antenna Radiation Pattern

Radiation pattern@2.402GHZ
Total Average Gain:-0.475dbi

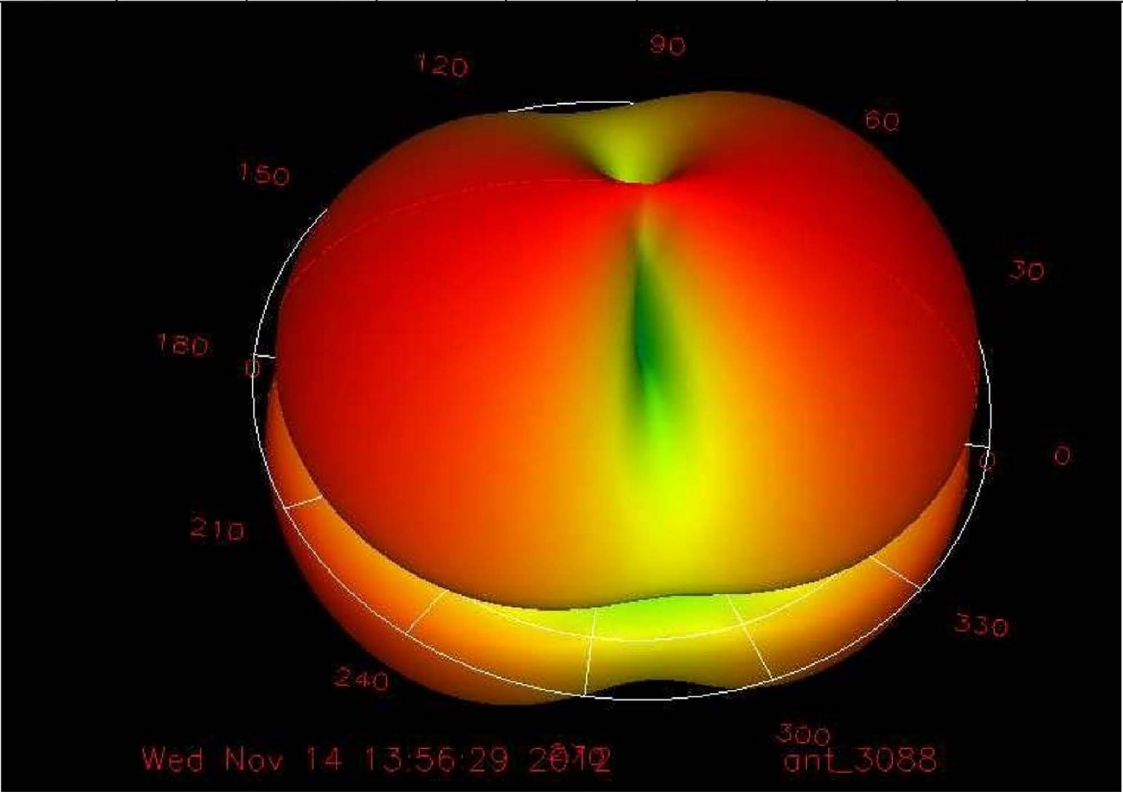
Phi	0	45	90	135	180	235	270	315
Gain	-0.2	0.3	0.8	-0.5	-0.2	0.5	-0.8	-0.5



Radiation pattern@2.440 GHZ

Total Average Gain:0.275dbi

Phi	0	45	90	135	180	235	270	315
Gain	0	-0.2	-0.4	-0.6	-0.1	-0.3	-0.6	-0.4



Radiation pattern@2.480GHZ

Total Average Gain:0.5dbi

Phi	0	45	90	135	180	235	270	315
Gain	0	-0.1	-0.2	-0.5	0	-0.3	-0.6	-0.2

