

Antenna Describe

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No	Parameter	Specification
1	Antenna	PCB
2	Return Loss	<-10dB
3	Antenna Gain	0dBi
4	Frequency Range	2400-2500MHz
5	Antenna efficiency	30-80%
6	Connector Type	Direct
7	Location of measurement (company name)	Xiamen Hanin Electronic Technology Co.,Ltd.
8	Azimuth	Omni-directional
9	Impedance	50 Ω
10	Operating Temperature	-40~105°C

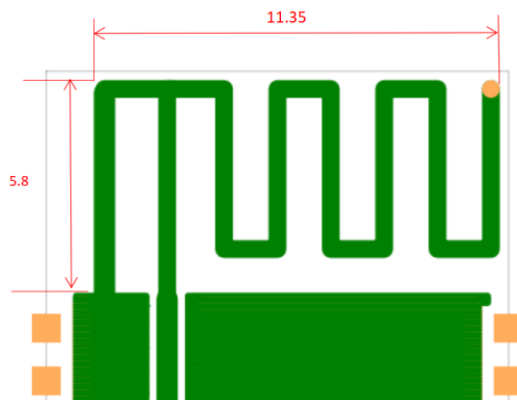
2: External View Drawing

Picture of antenna

Xiamen Hanin Electronic Technology Co.,Ltd.

Type of Antenna: PCB Antenna

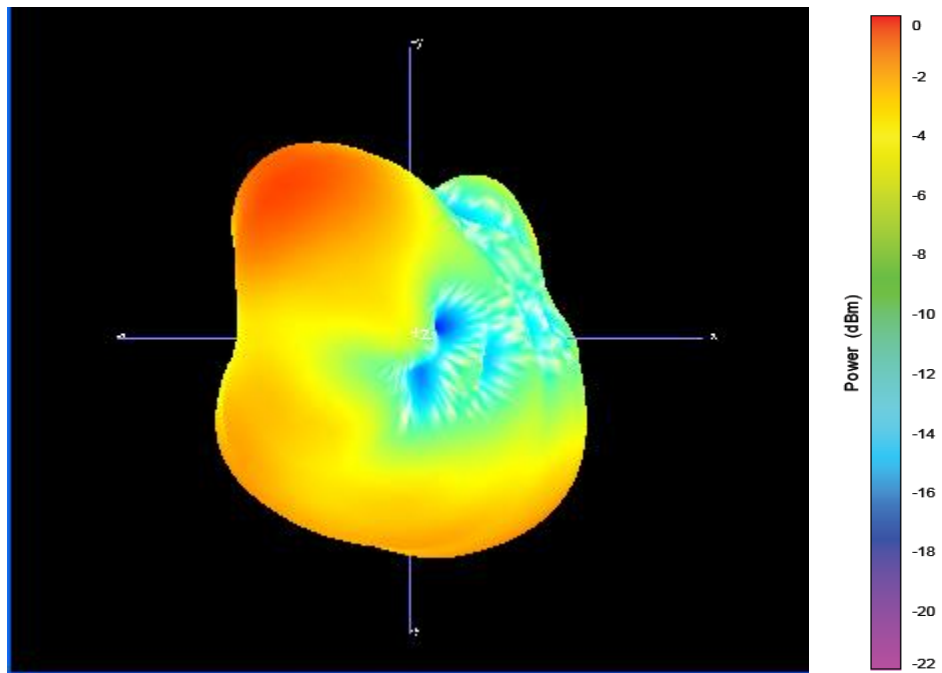
Size:11.35*5.8mm



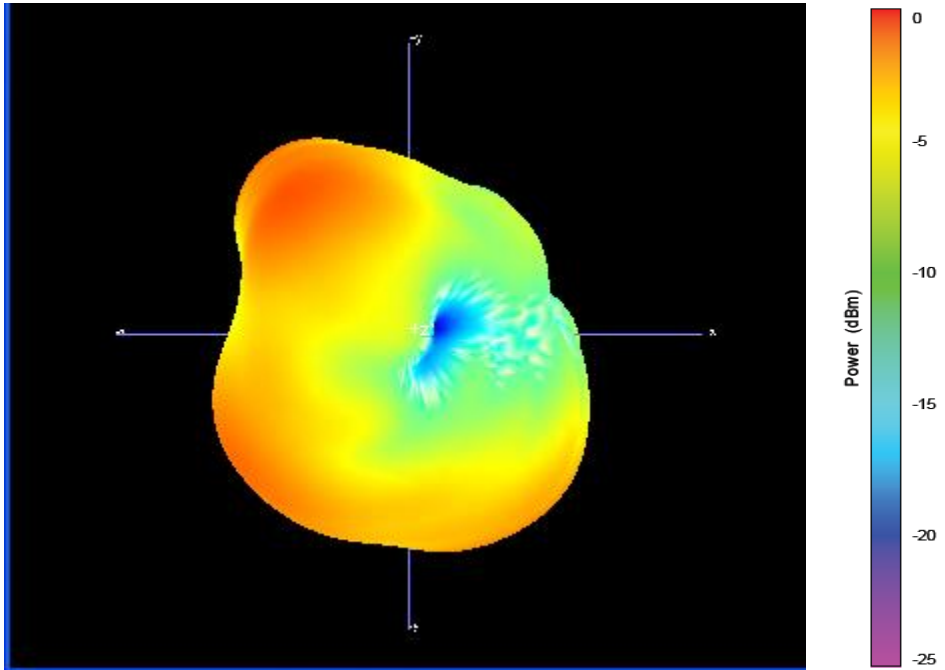
3. Typical Free Space Efficiency and gain

Frequency/M Hz	2400	2410	2420	2430	2450	2460	2470	2480	2490	2500
Peak Gain/dBi	-0.1	-0.5	-0.4	-0.5	0.0	-0.7	-0.9	-0.9	-1.2	-1.5
Efficiency%	34.12	34.54	34.29	34.79	36.18	34.27	37.84	38.26	37.12	36.99

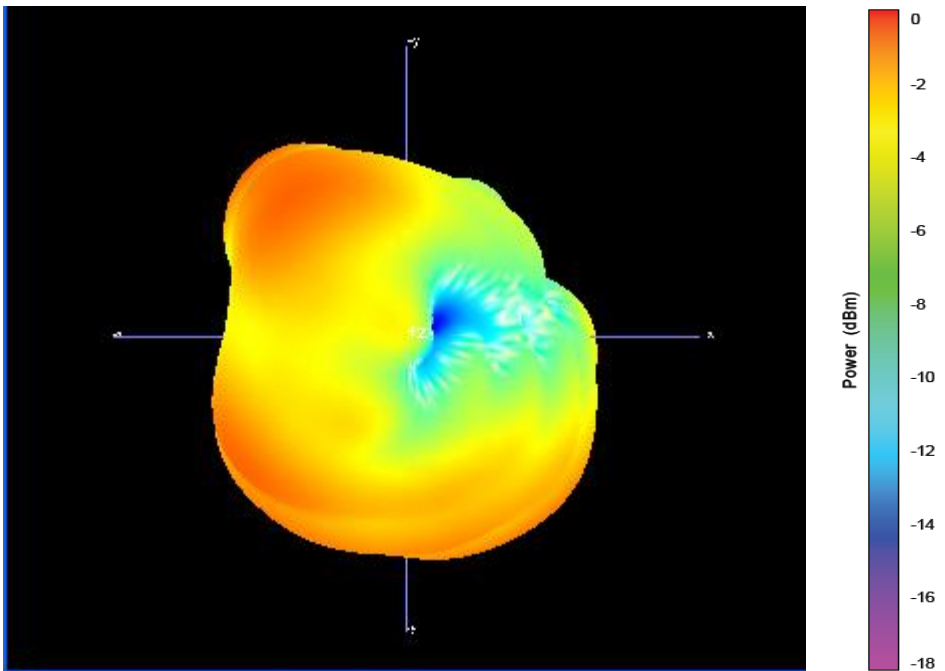
5. Typical Free Spaces 3D Radiation Pattern



2400MHz



2450MHz



2500MHz