

ANTENNA SPECIFICATION

1. Specifications

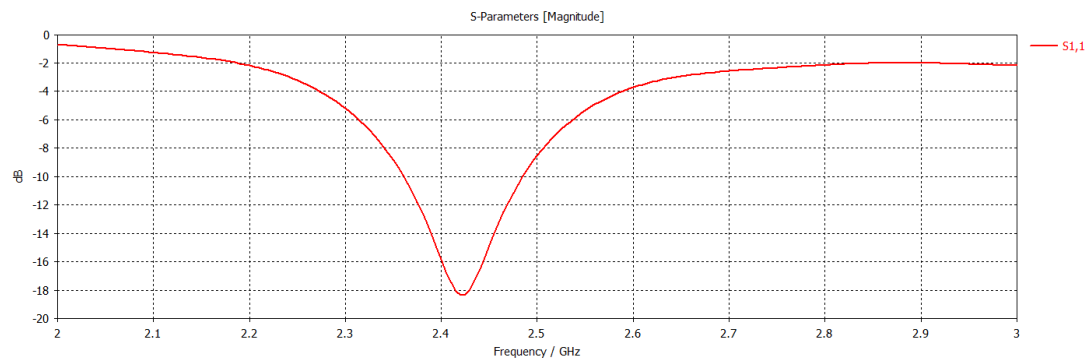
Name	ANT_FPC_BLE_W35H20_V1.0
Size	30x20mm
Working Frequency	2.4GHz---2.5GHz
Bandwidth	0.1GHz
Antenna type	FPC antenna
VSWR	<2
Impedence	50Ω
Radiation Properties	omnidirectional
Polarization type	Linear
Efficiency (%)	85%
Gain	3dBi
Working Temperature	-40℃~85℃

Manufacturer: Blueiot (Beijing) Technology Co., Ltd.

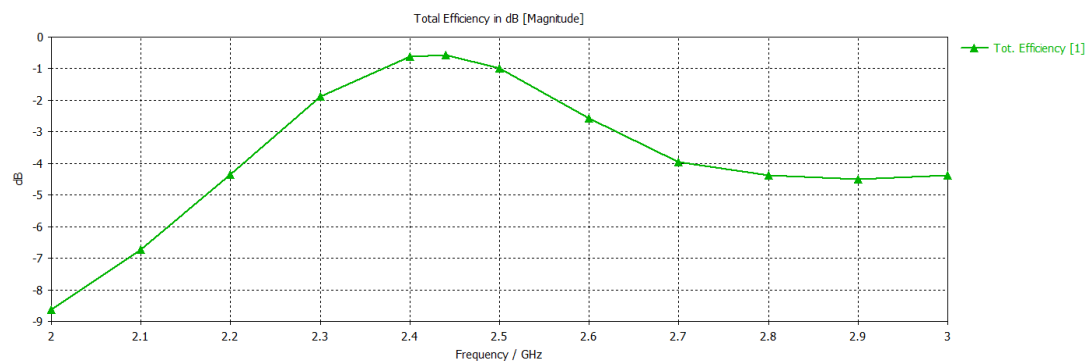
Address: 10/F, Tower A, TusPark Innovation Plaza, Haidian District, Beijing, China

2. Antenna Characteristic

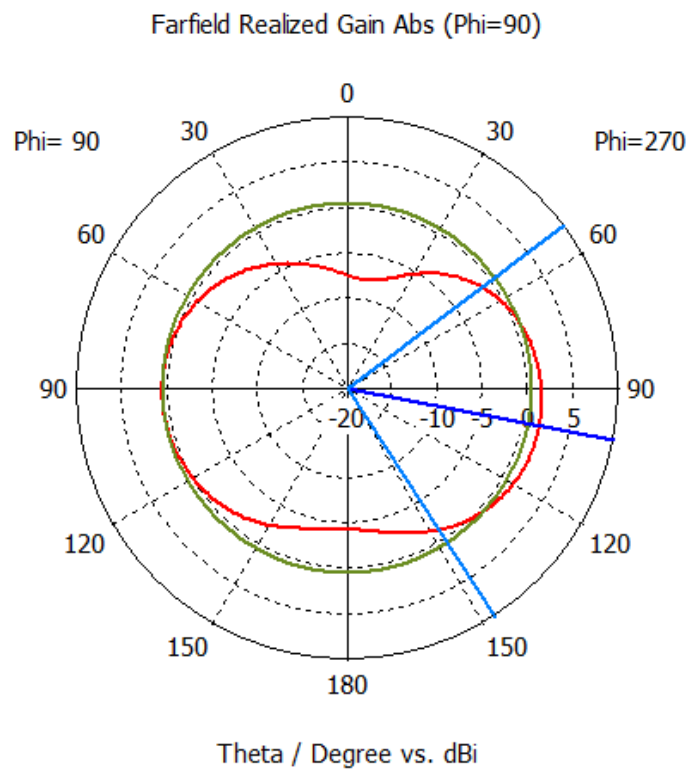
2.1 Return Loss



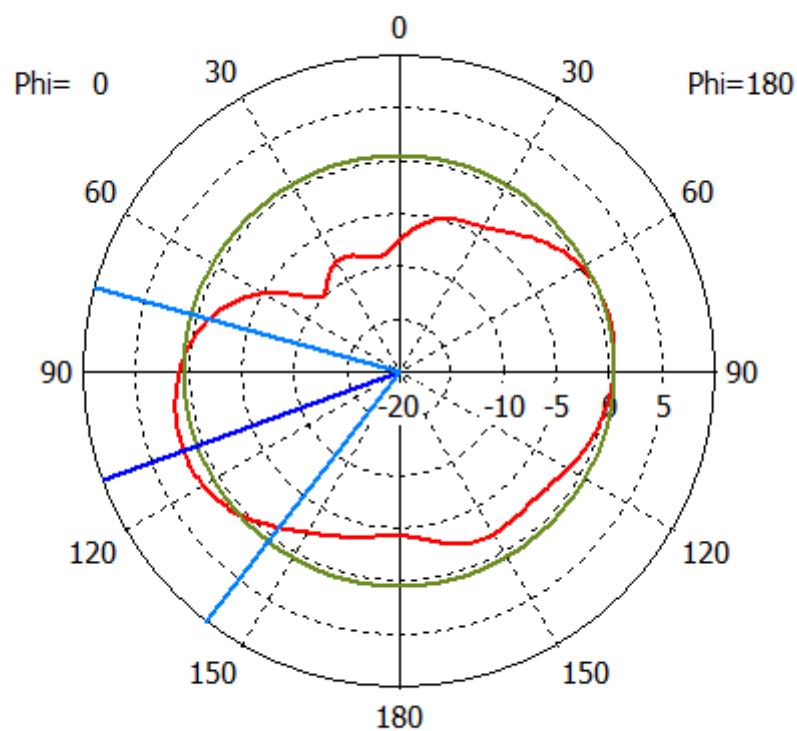
2.2 Efficiency



2.3 Radiation pattern

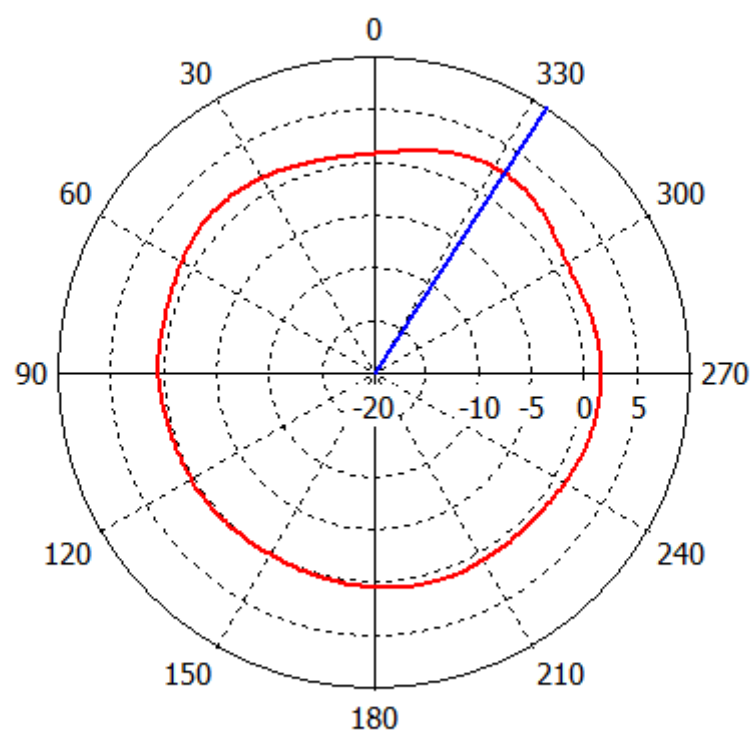


Farfield Realized Gain Abs (Phi=0)



Theta / Degree vs. dBi

Farfield Realized Gain Abs (Theta=90)



Phi / Degree vs. dBi

Antenna Size

Unit: mm

