
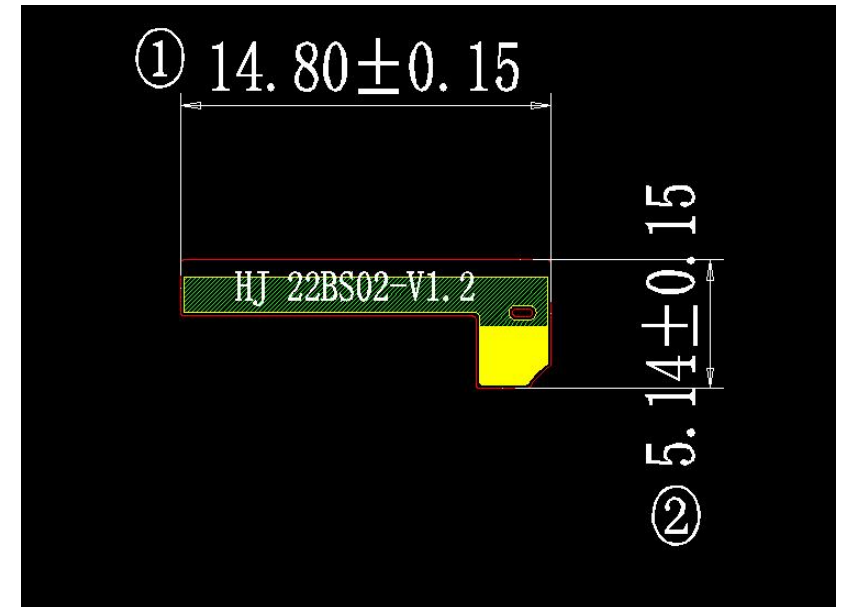


# Product specification

Antenna Type	FPC
Model	22BS02
Trademark	
Manufacturer	<b>HONANT</b>

<b>Antenna Size</b>
units: mm

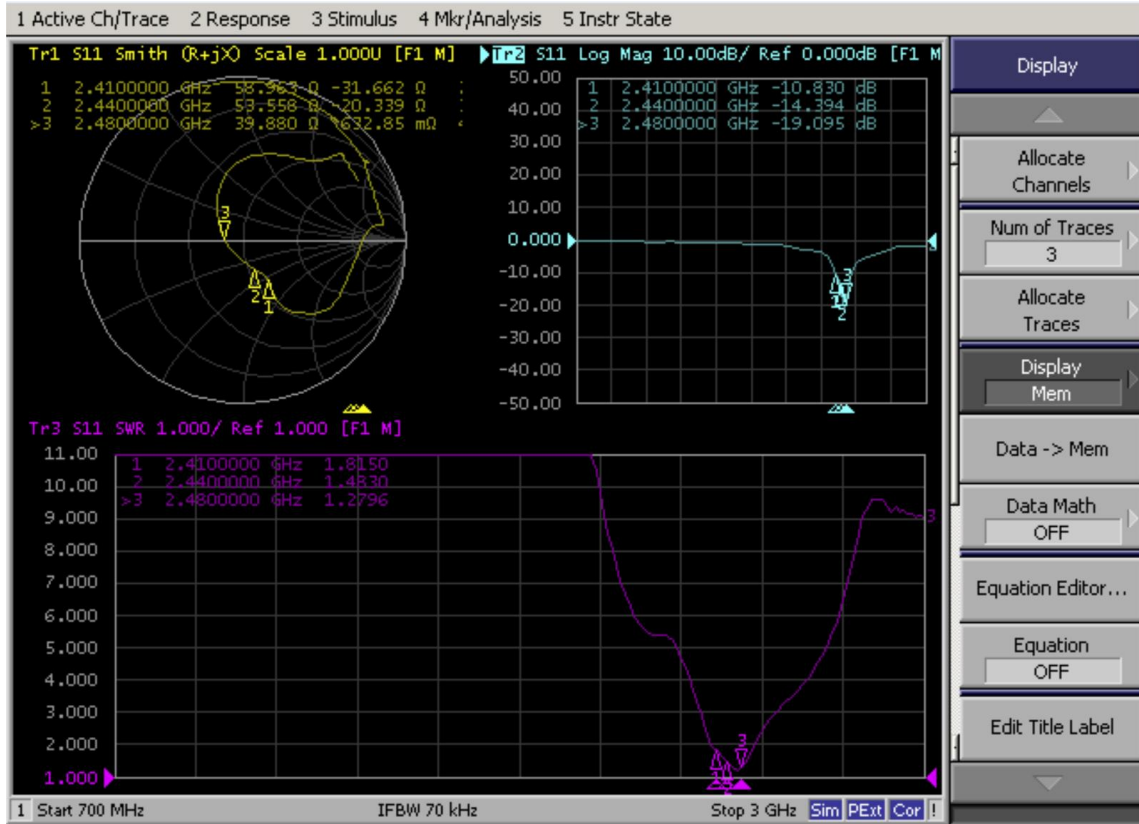


## 2.Electrical Characteristics

No.	Item	Specifications
1	Frequenc Range	2400 ~ 2480MHz
2	Band Width	80MHz typ.
3	Peak gain	2.89 dBi
4	V.S.W.R	$\leq 2.0$
5	Polarization	Linear
6	Azimuth Beam width	Omni-directional
7	Impedance	50 $\Omega$

All the technical data and information contained herein are subject to change without prior notice

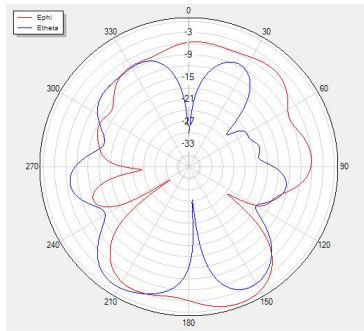
# 3. S11



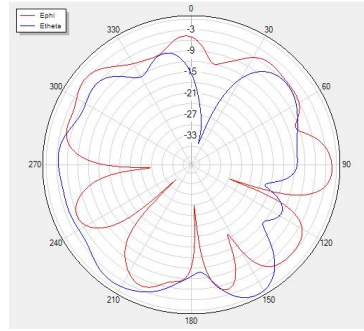
	2400	2440	2480
VSWR	1.81	1.48	1.27
Return Loss (db)	-10.83	-14.39	-19.09
Smith(Ω)	58.96	53.55	39.88

# 4. 2D Radiation Pattern

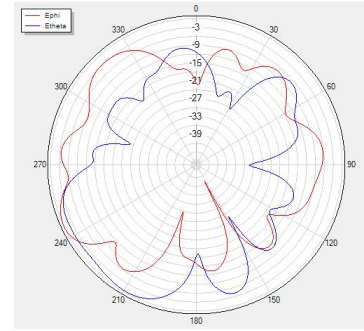
Theta=90 freq=2400MHz



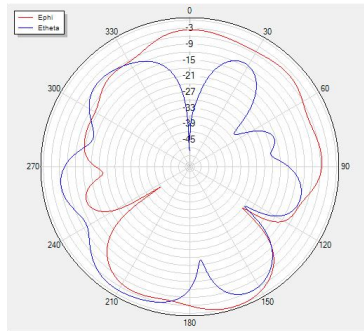
Phi=90 freq=2400MHz



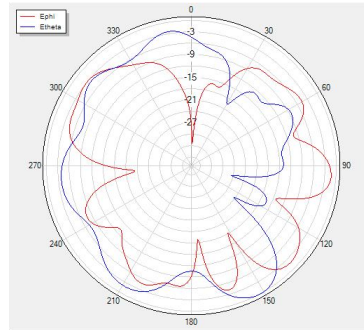
Phi=0 freq=2400MHz



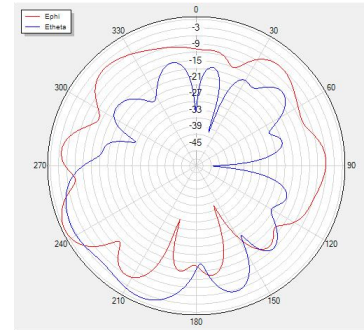
Theta=90 freq=2440MHz



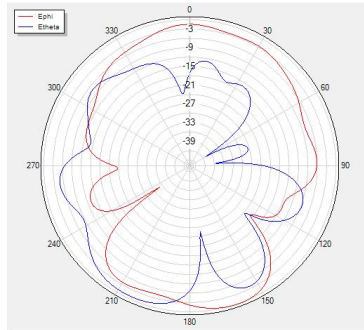
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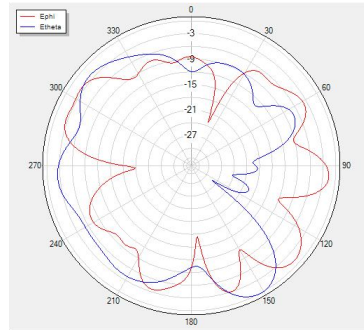
Phi=0 freq=2440MHz



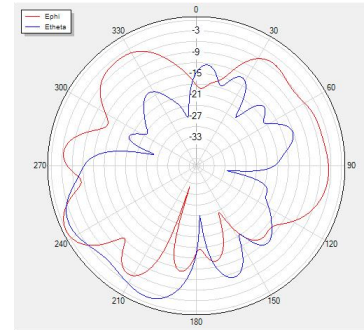
Theta=90 freq=2480MHz



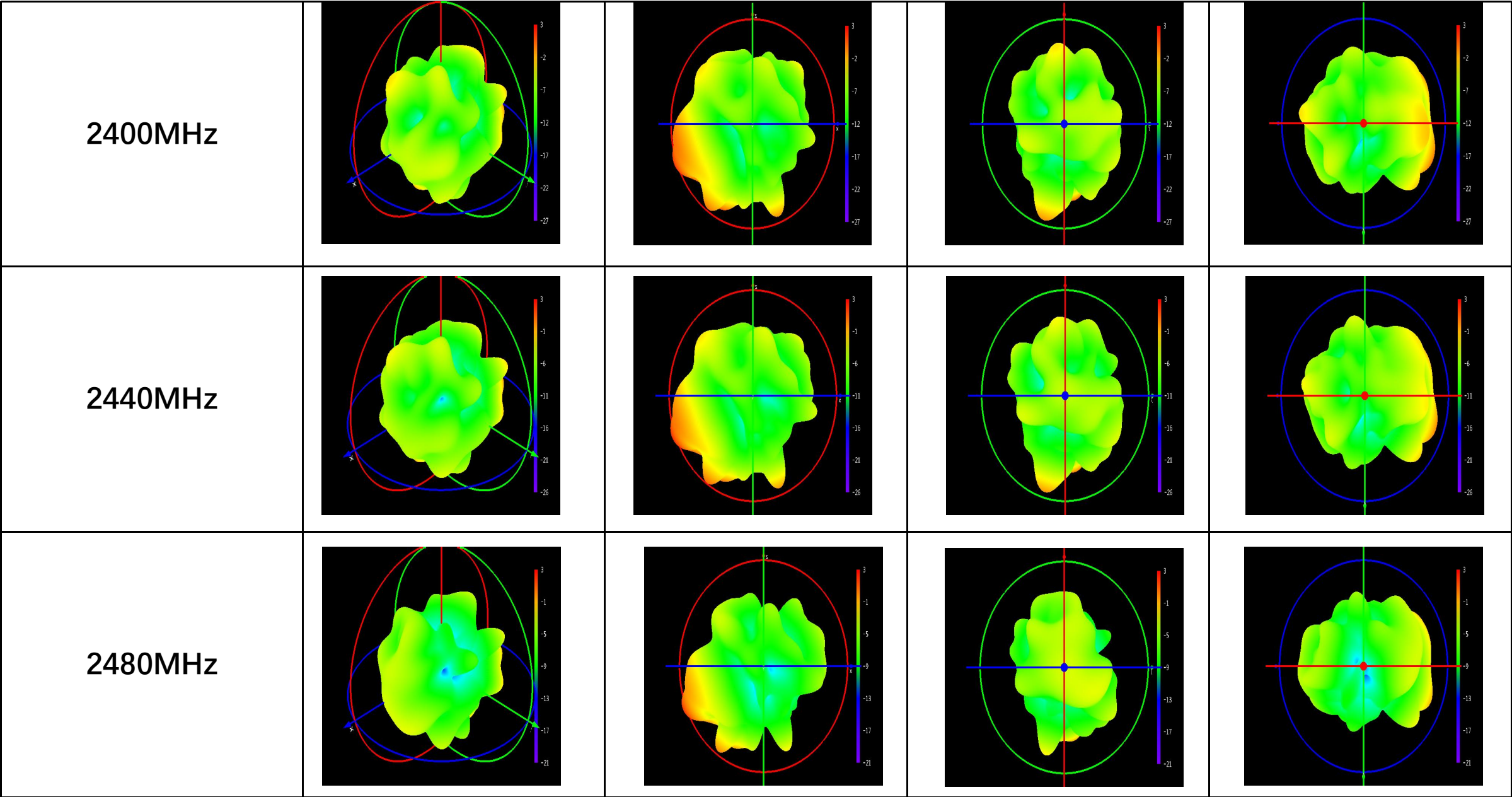
Phi=90 freq=2480MHz



Phi=0 freq=2480MHz



# 5. 3D Radiation Pattern



# 6. Gain & Efficiency

Frequency (MHz)	2400	2440	2480
Peak. Gain (dBi)	2.63	2.89	2.72
Efficiency (%)	32.72	31.7	31.44