

Antenna specification

Date: 2018-10-18

Operation band:

BT ANT: **2.4GHz-2.5GHz**

Antenna type:

BT ANT: **PCB printed Inverted-F**

Return Loss:

Frequency (MHZ)		2400	2450	2500
Return Loss	BT	-9.53	-14.77	-14.98

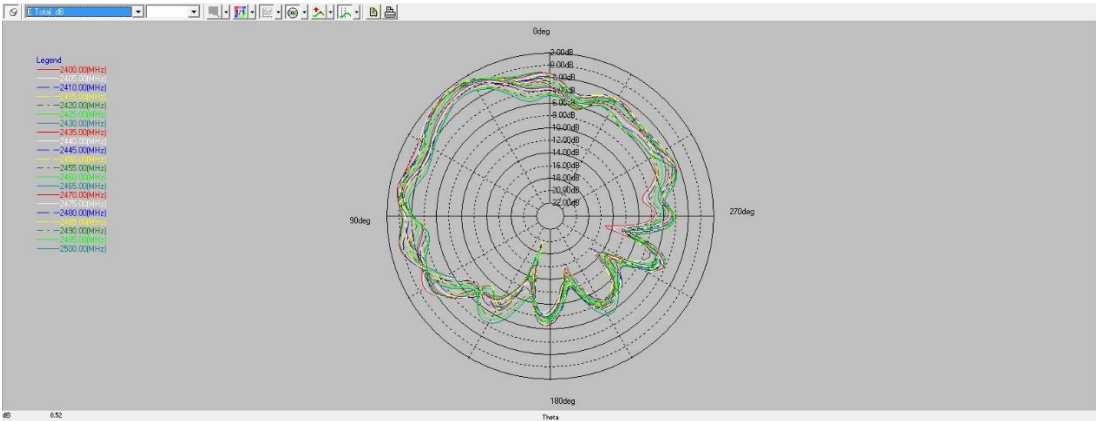


Efficiency and Gain

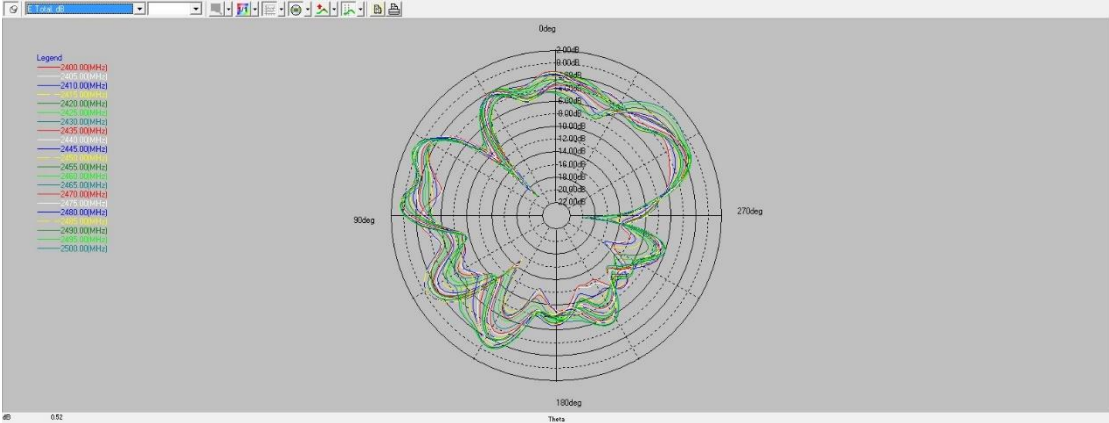
Antenna type	PCB		
Frequency (MHz)	2400	2450	2500
Efficiency (%)	33.31	37.51	36.7
Peak Gain (dBi)	2.24	1.61	1.53
Frequency (MHz)	2400~2500		
Efficiency AVE (%)	35.26		
Peak Gain (Max)	2.24		

Antenna 2D pattern:

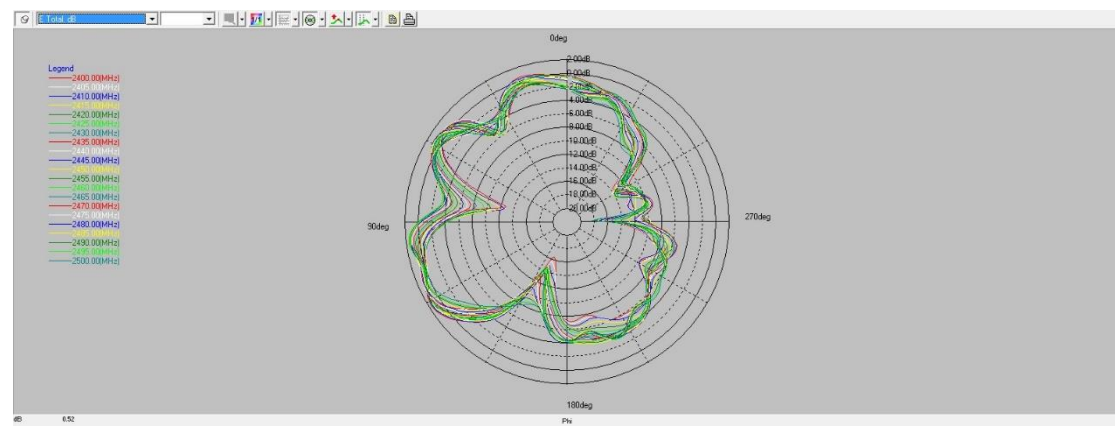
Phi=0(deg)



Phi=90

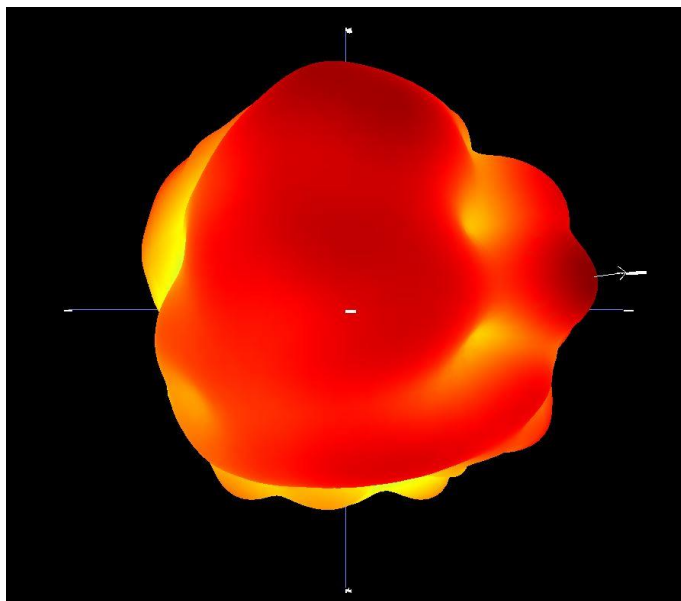


Theta=90

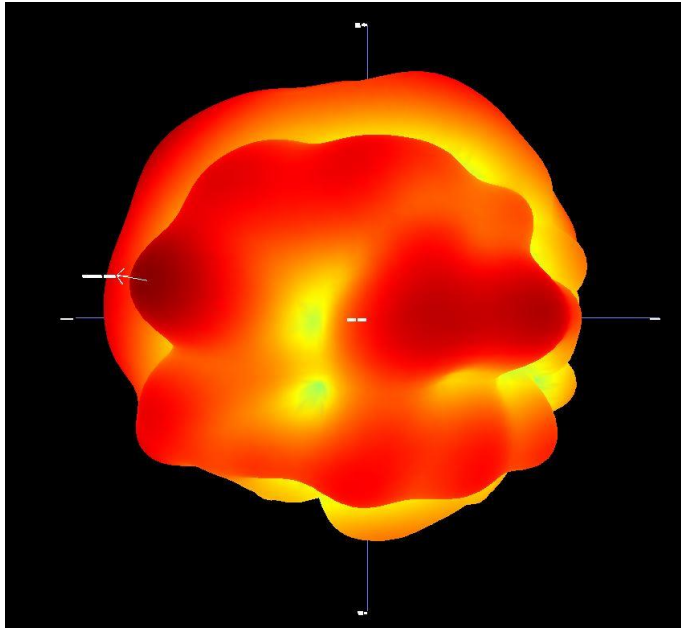


Antenna 3D pattern:

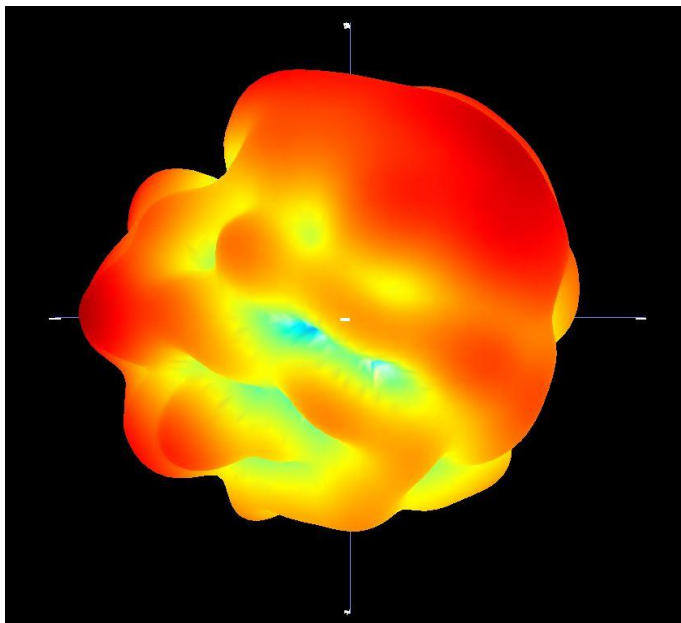
2400 +x:



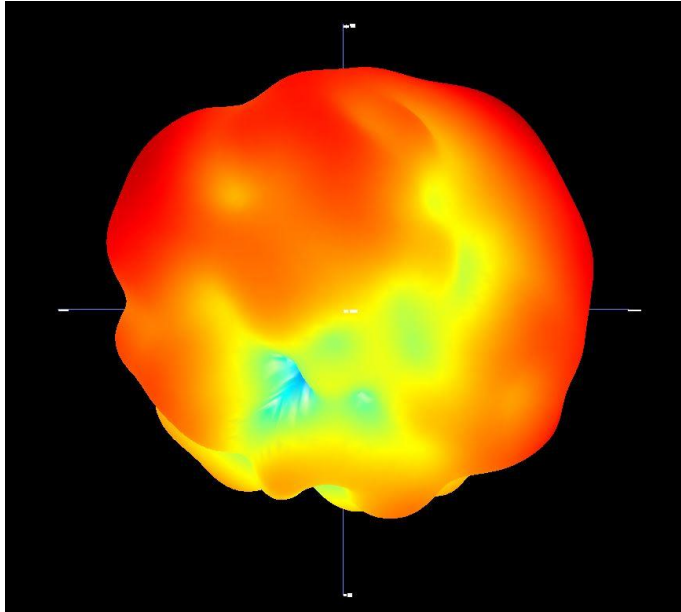
2400 +y:



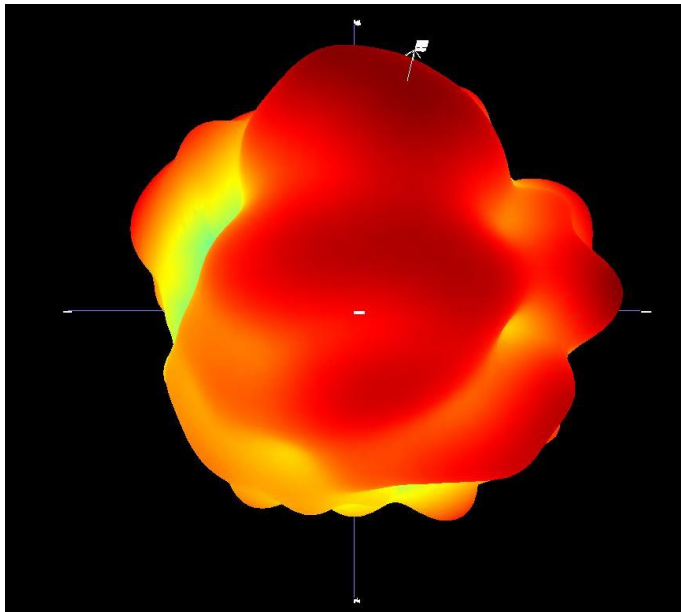
2400 -x:



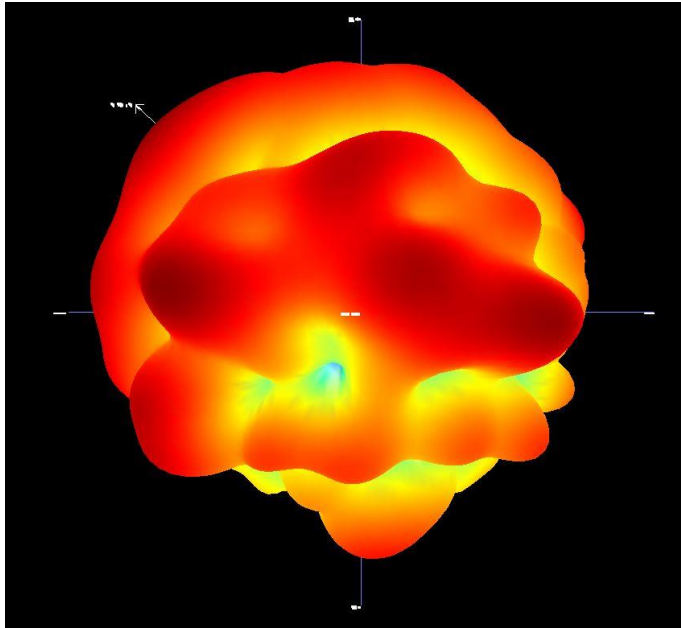
2400 -y:



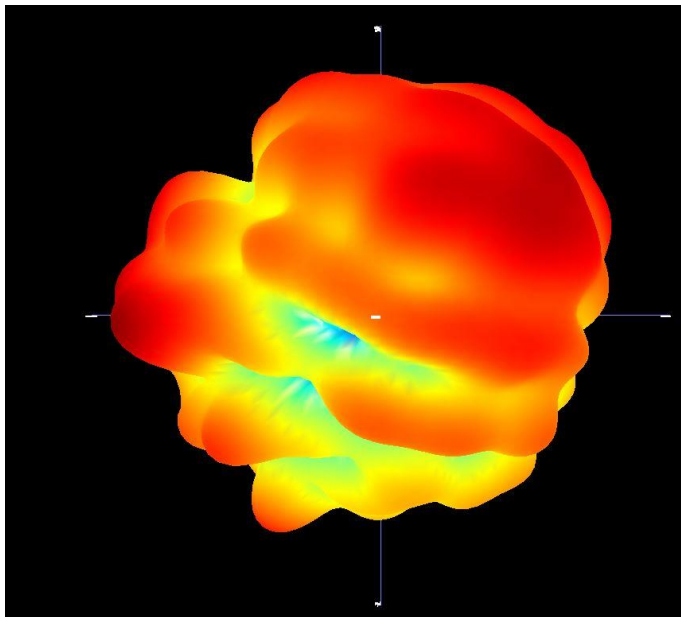
2450 +x:



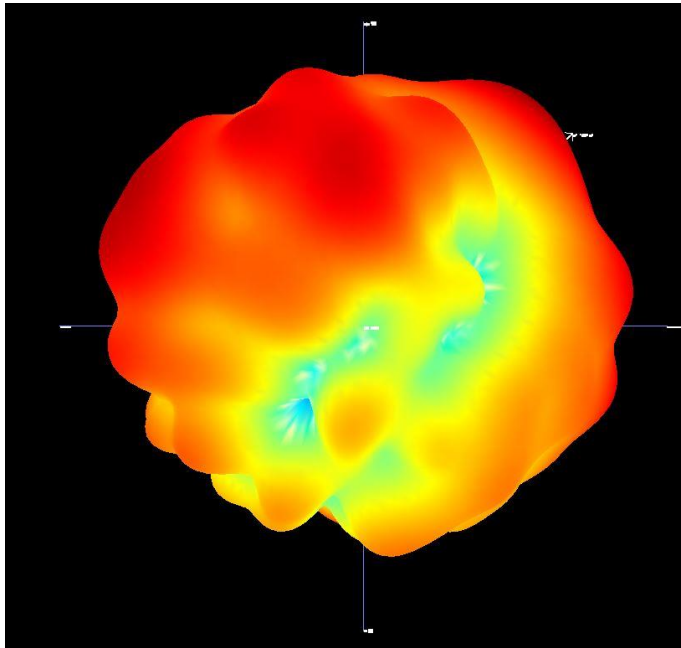
2450 +y:



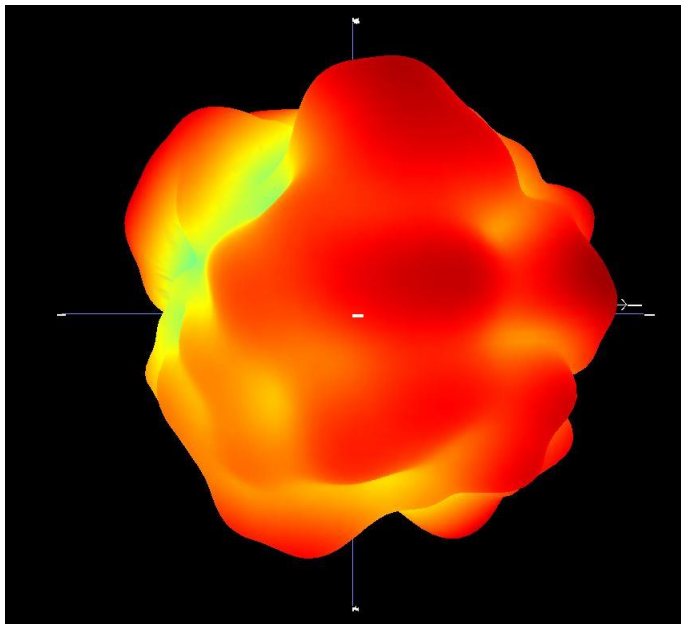
2450 -x:



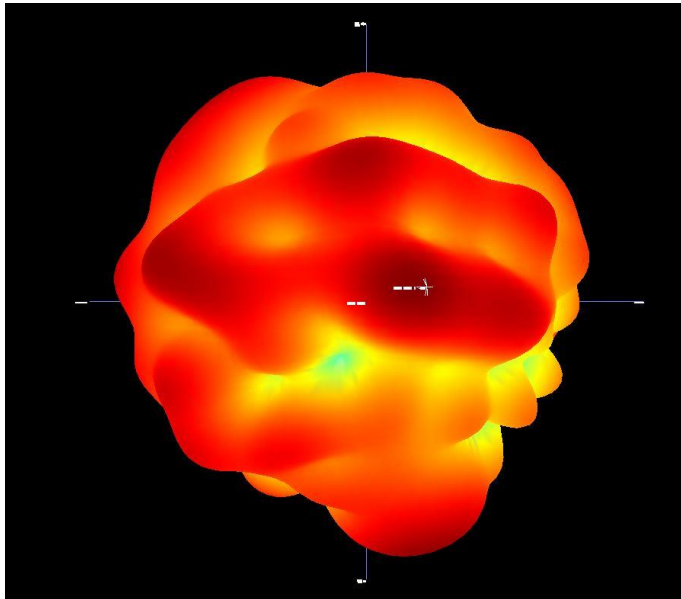
2450 -y:



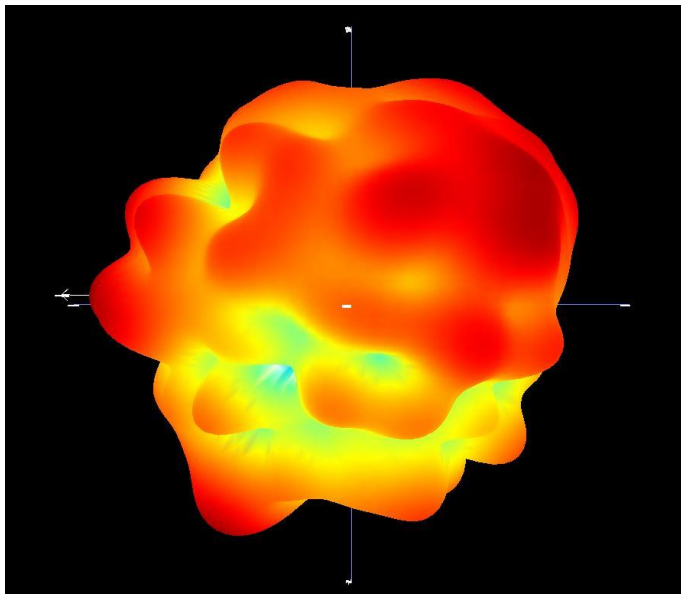
2500 +x:



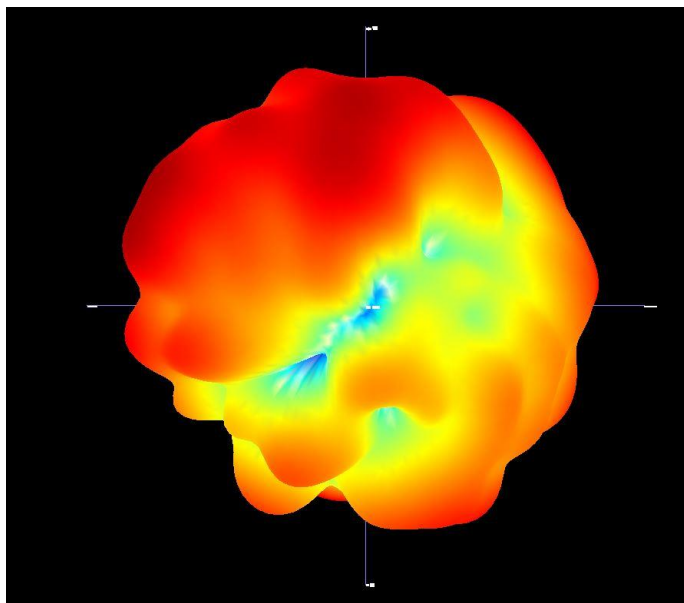
2500 +y:



2500 -x:



2500 -y:



Antenna manufacturer:



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Mechanical Configuration (Unit: mm)

The appearance of the antenna is according to drawing Figure :

