

AX1-BTB Antenna Specification

1. TECHNICAL SPECIFICATION

Electrical Specifications		
Antenna Type	PCB	PCB
Frequency Range(Mhz)	UHF, 863-870, 902-928	CRMX2.4G+Bluetooth+WiFi 2400~2500
Input Impedance(Ω)	50	50
V.S.W.R	≤ 3	≤ 3
Antenna Length(mm)	61.5×23.4	7.5×8.8
Pcb size(mm)	79.3×24×0.5	
Radiator	copper	
Gain(dBi)	2	4.7

2. ANTENNA PICTURE

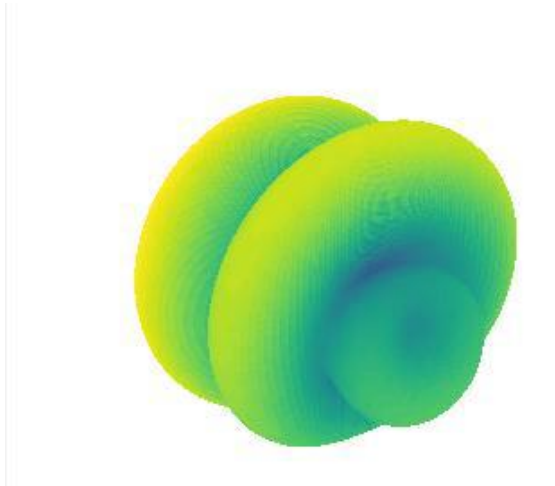


3. RADIATION DIAGRAM

Radiation pattern@917MHz

Max Gain: 2.00dBi

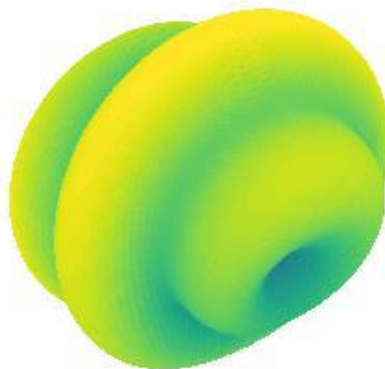
Phi	0	45	90	135	180	235	270	315
Gain	1.47	1.81	2.00	1.91	1.81	1.69	1.87	1.78



Radiation pattern@922MHz

Max Gain: 2.00dBi

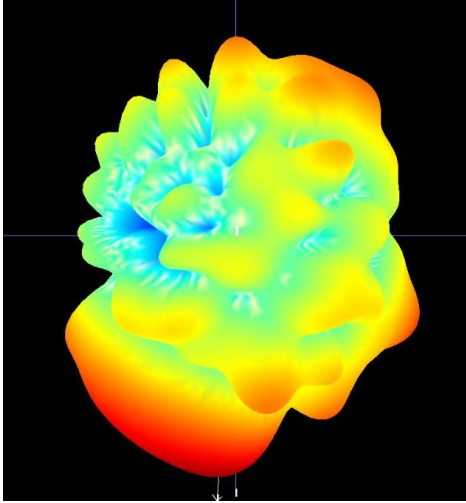
Phi	0	45	90	135	180	235	270	315
Gain	1.53	1.83	1.85	1.89	2.00	1.94	1.88	1.92



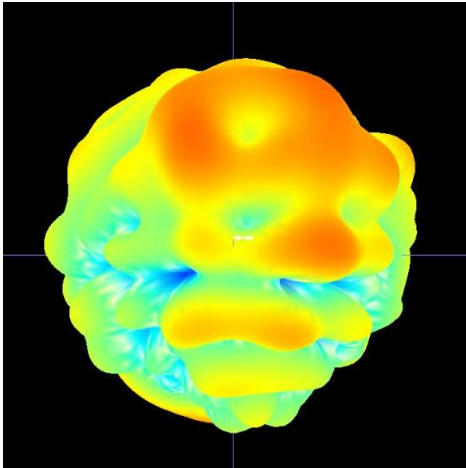


Radiation pattern@2402MHz

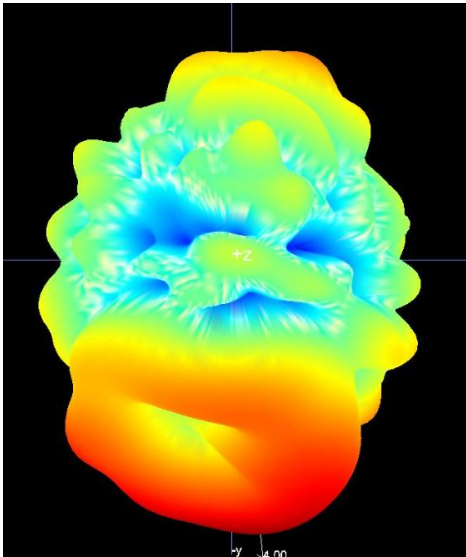
+X



+Y



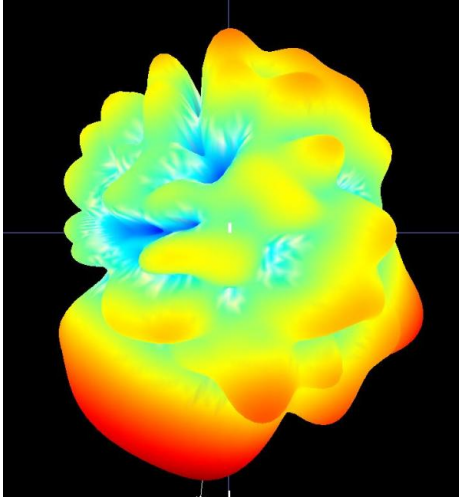
+Z



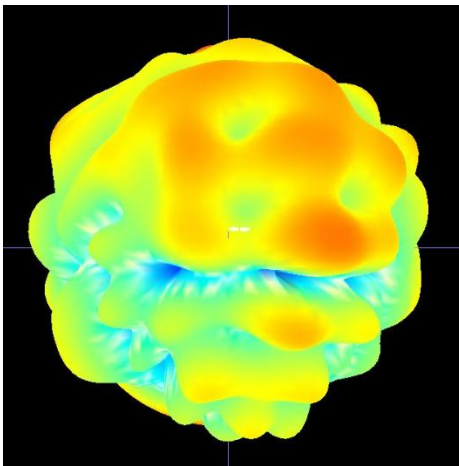


Radiation pattern@2440MHz

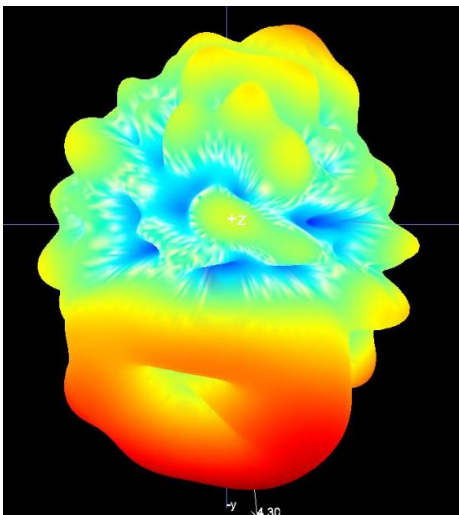
+X



+Y



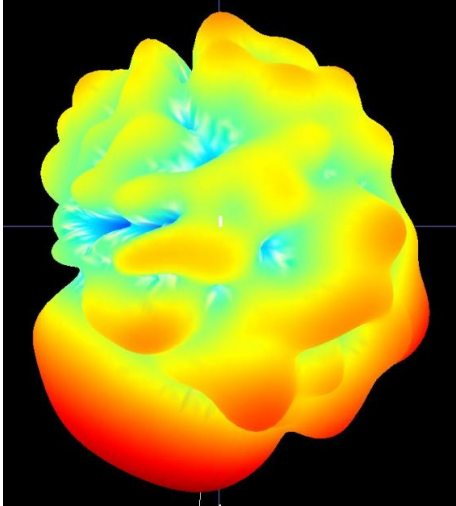
+Z



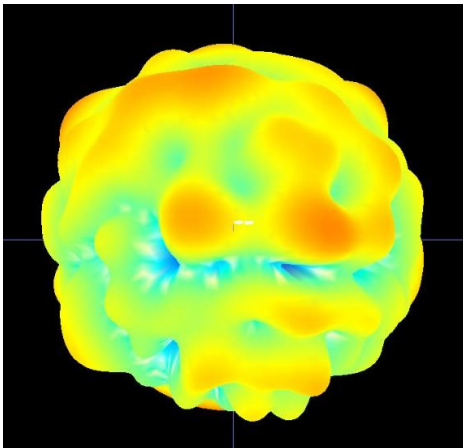


Radiation pattern@2480MHz

+X



+Y



+Z

