

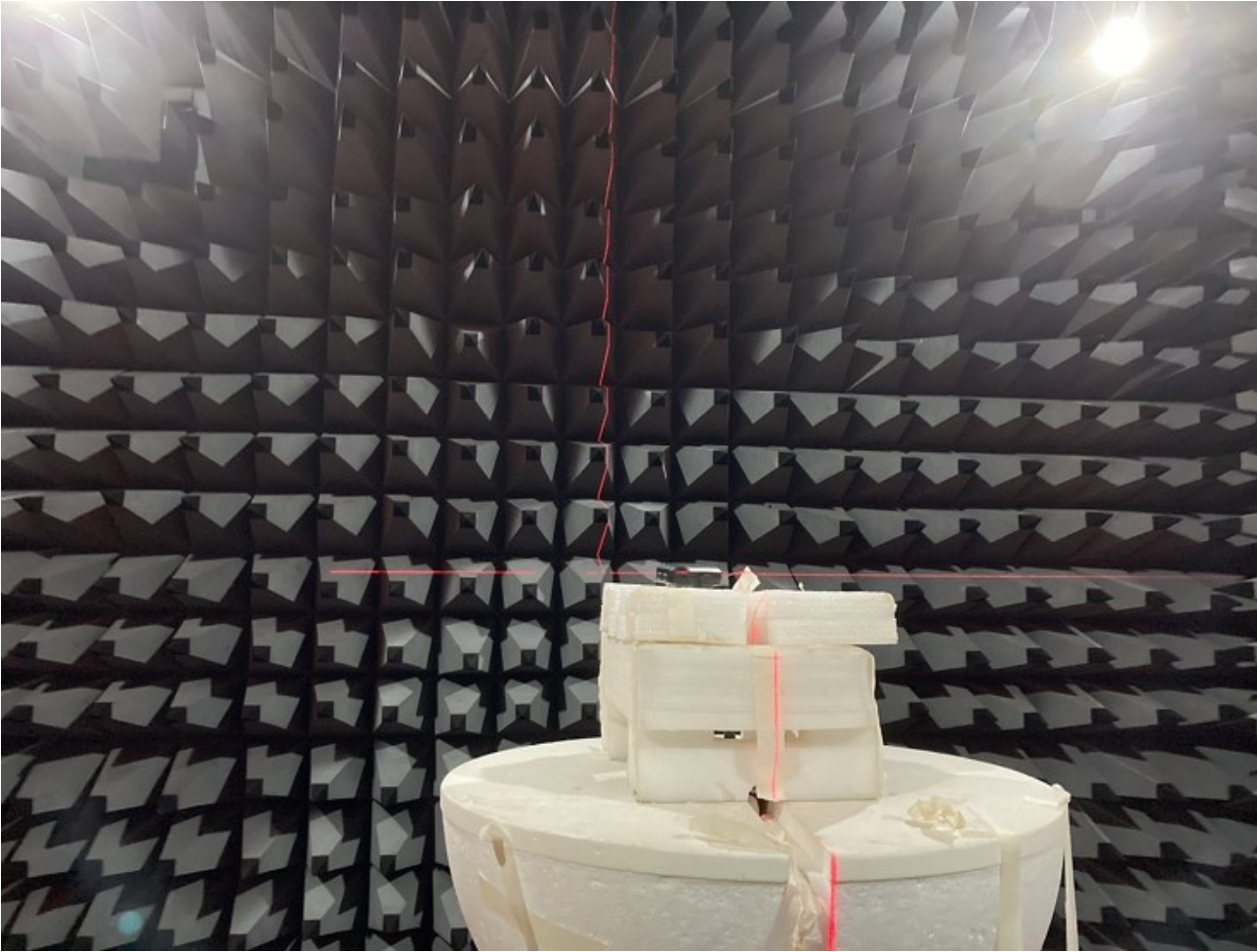
# HBC Antenna Report

Mikodesigns

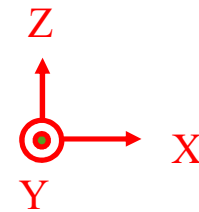
## Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	MIKO	WB-LS419A004100102	Meander PCB Printed Antenna	0.16dBi for 2.4GHz

## Setup Environment (1)



## Setup Environment (2)



## Print Antenna in HBC Device (1)





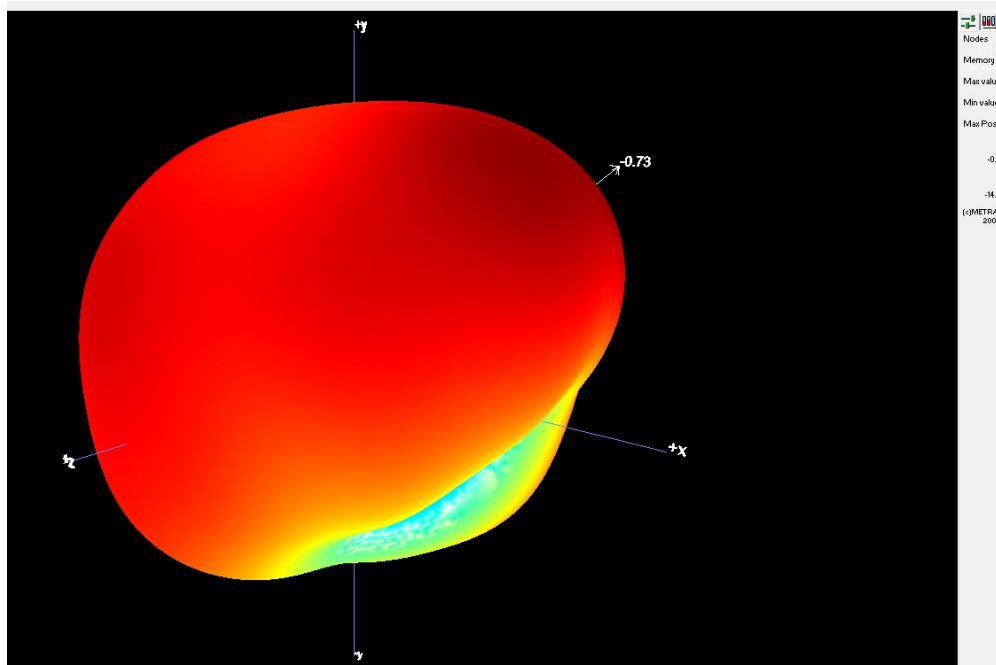
## Print Antenna in HBC Device (2)



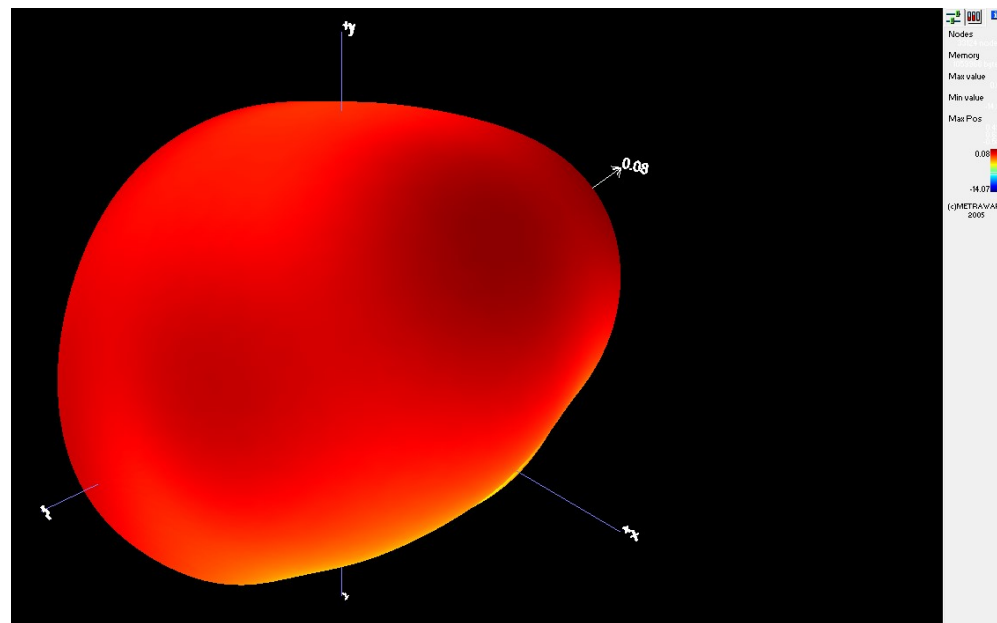
# Antenna Peak Gain and Efficiency

Frequency (MHz)	2400	2450	2500
Peak Gain (dBi)	-0.73	0.08	0.16
Efficiency (%)	46	55	57

# 3D Radiation Pattern@2400MHz

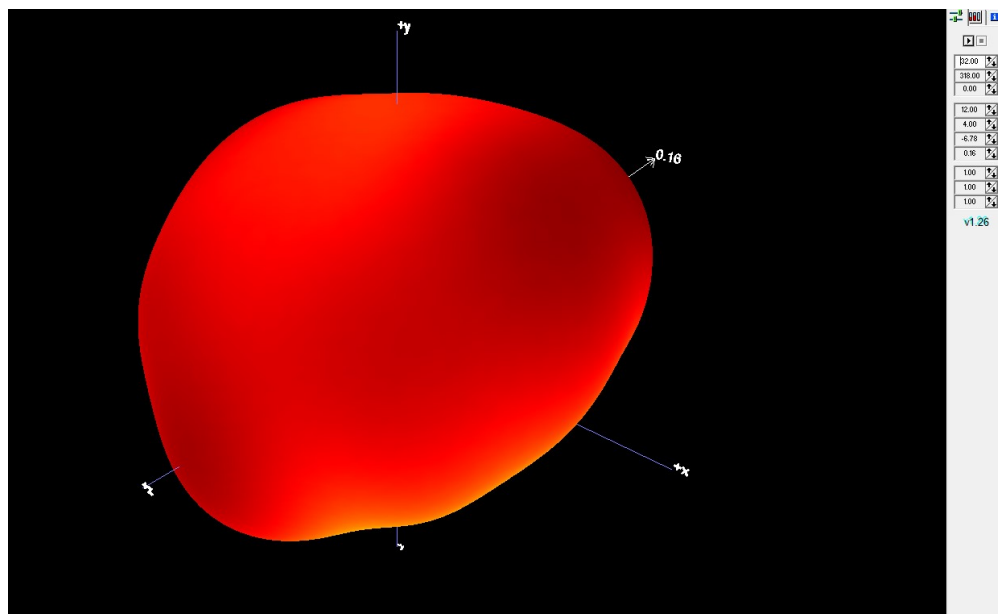


# 3D Radiation Pattern@2450MHz

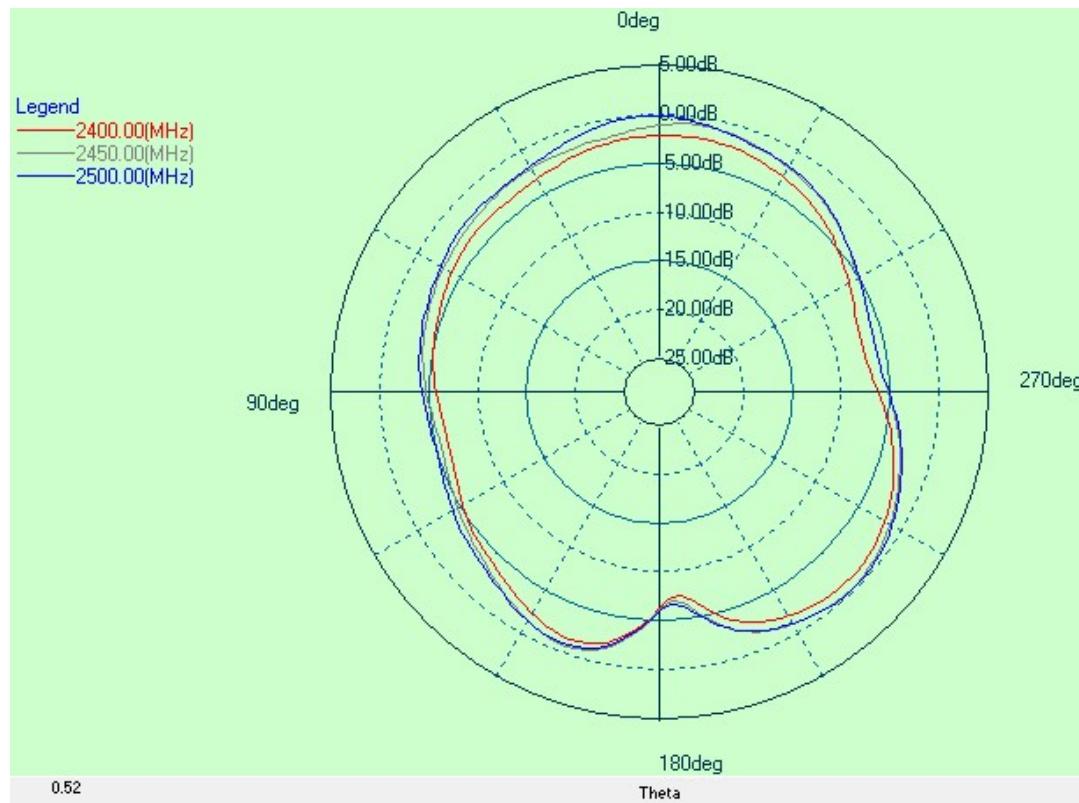




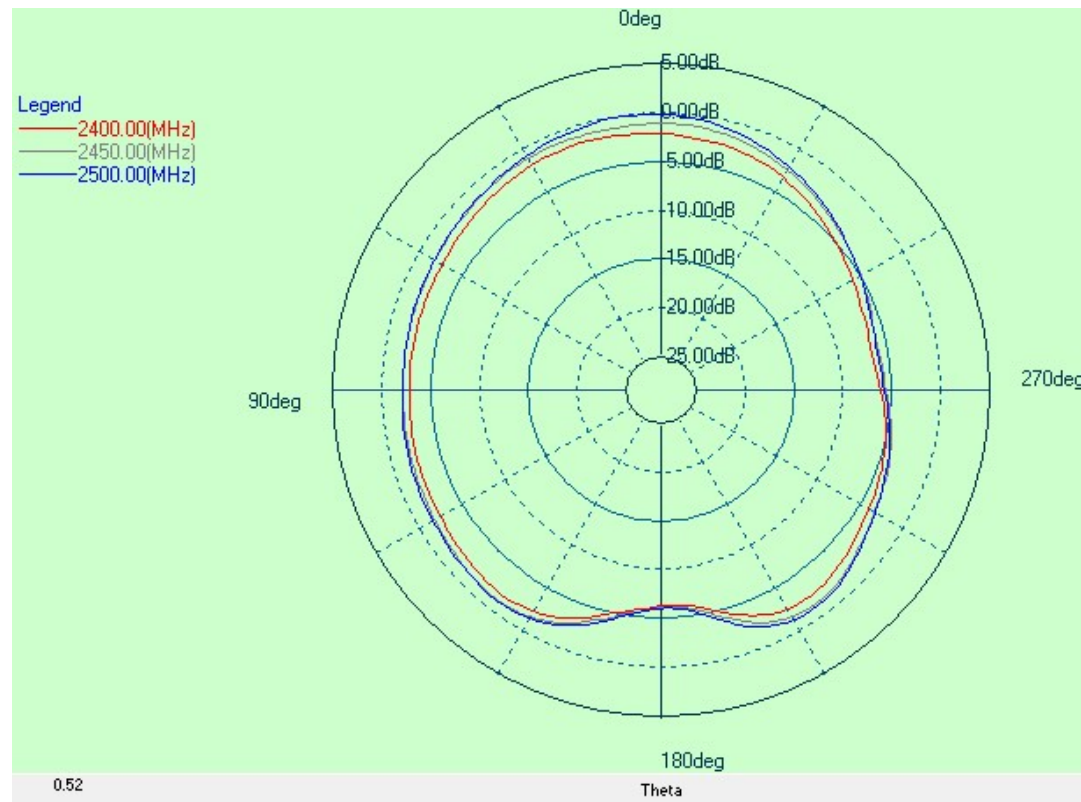
# 3D Radiation Pattern@2500MHz



## 2D Radiation Pattern (XZ)



## 2D Radiation Pattern (YZ)



## 2D Radiation Pattern (XY)

