

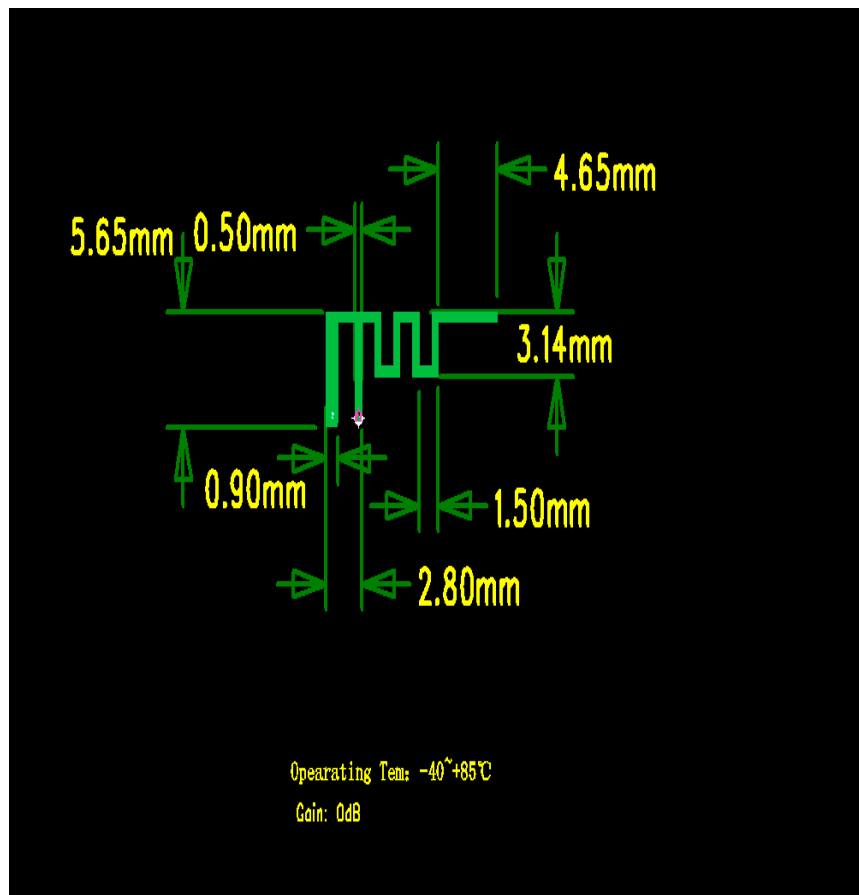
## Product specification

### Quick Reference Date

	Antenna module on the system board	
Frequenc Range	2400 ~ 2500MHz	
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)	
Tot. Rad. Pwr. (dBm)	-1.2 (Input pwr – loss pwr)	
Peak EIRP(dBm)	1.2	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	6 0.2 %	
Gain (dBi)	0 (Avg Gain XY-plane)	
Maximum Power (dBm)	1.7 (XY-plane)	
Minimum Power (dBm)	-4(XY-plane)	
Avg. Power (dBm)	-0.5(XY-plane)	
Input Impedence(ohm)	50	
Polarization Type	V ertical & Horizontal	
V . S .W . R	< 1.4	

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

### Antenna Layout & module on the system board

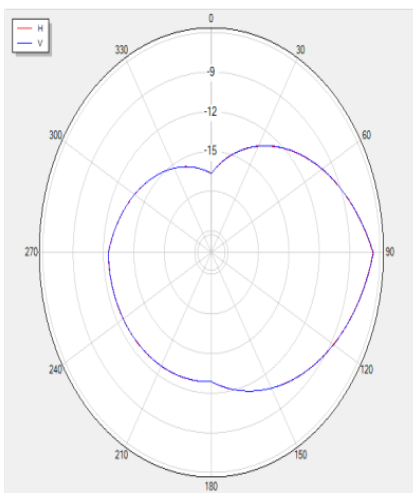


## Antenna Gain:

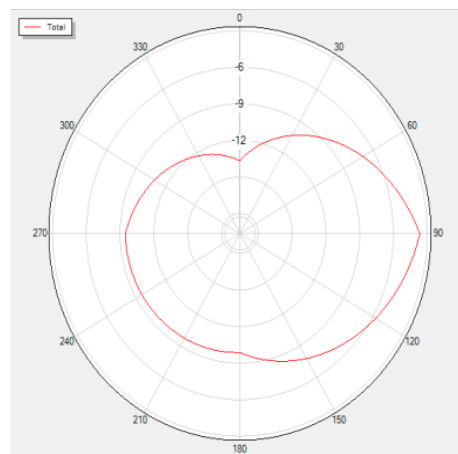
Frequency	Efficiency	percentage	Gain
2400	-9.08	12.36%	-1.95
2425	-8.04	15.71%	-0.91
2450	-6.42	22.78%	0
2475	-5.61	27.47%	-0.04
2500	-6.11	24.47%	-0.07

## 2400 Total And Polar:

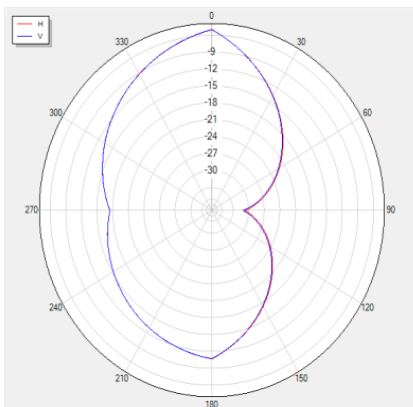
2400 Polar



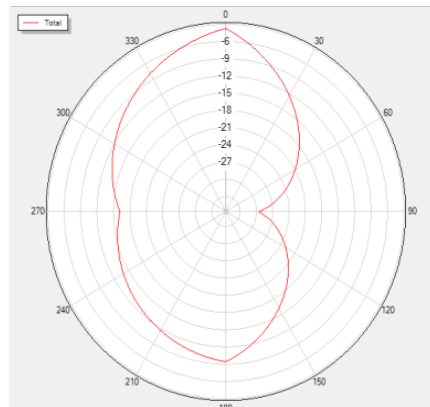
2400 Total



2400 Polar



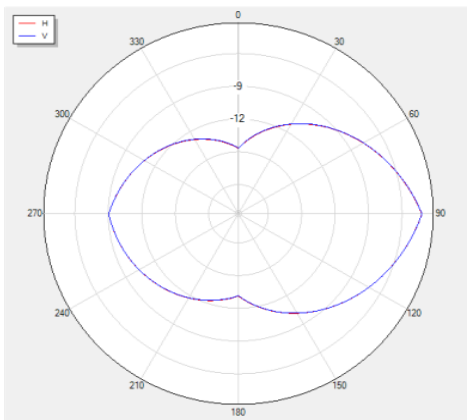
2400 Total



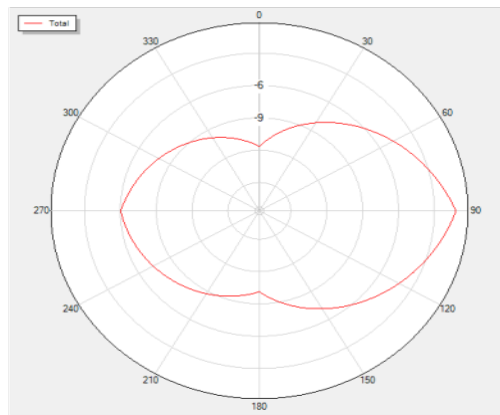


## 2475 Total And Polar:

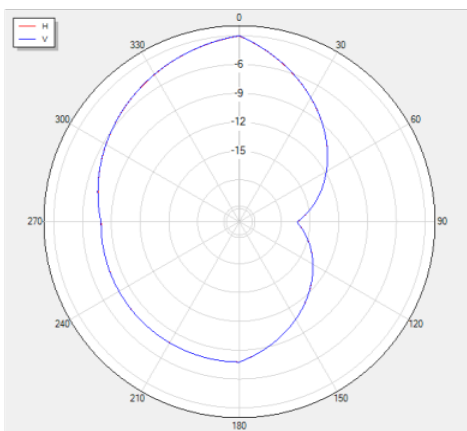
### 2475 Polar



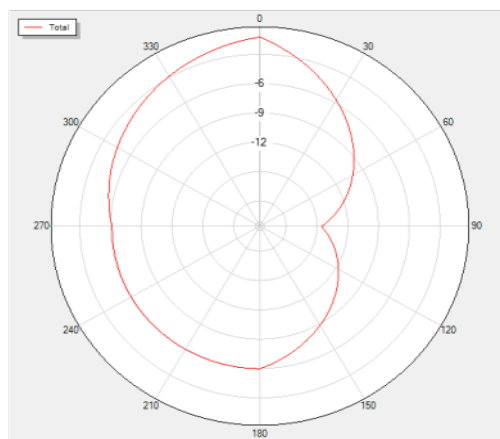
### 2475 Total



### 2475 Polar

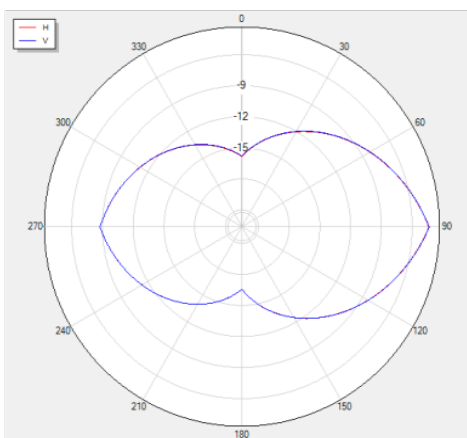


### 2475 Total

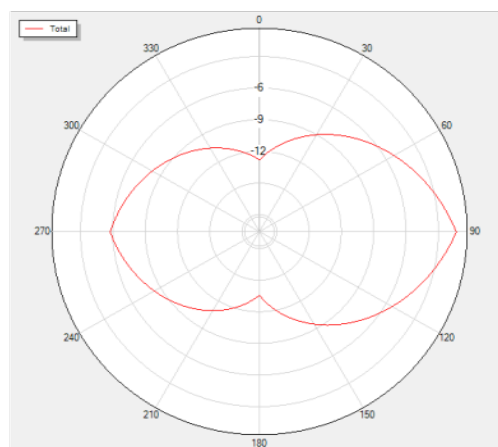


## 2500 Total And Polar:

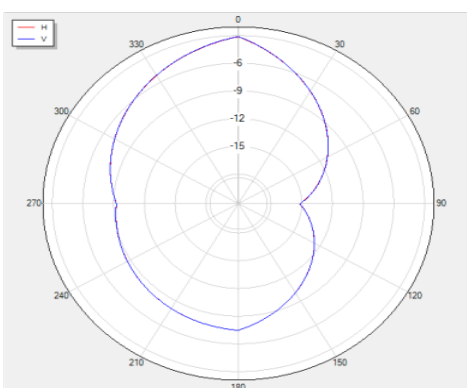
### 2500 Polar



### 2500 Total



### 2500 Polar



### 2500 Total

