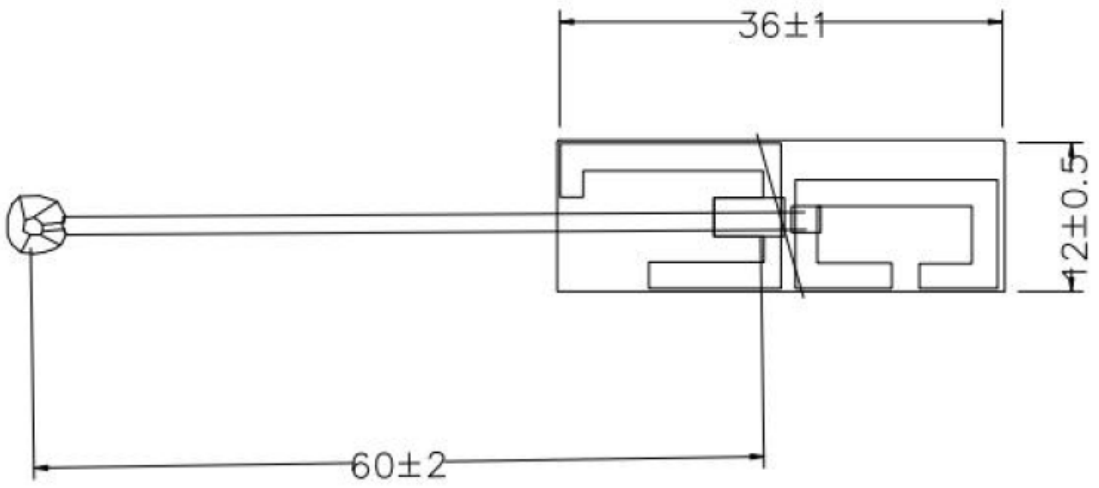
Product specification

Quick Reference Date

	FPC 天线
Model	GDT-SL--70
Frequency	2400~2500MHz
Ant. Port Input Pwr. (dBm)	0
Tot. Rad. Pwr. (dBm)	-2.3 (Input pwr – loss pwr)
Peak EIRP(dBm)	1.3
Directivity (dBi)	1 (all direction antenna)
Efficiency (dB)	-2.3 (58.5%)
Gain (dBi)	0
Maximum Power (dBm)	0 (XY-plane)
Minimum Power (dBm)	-4(XY-plane)
Avg. Power (dBm)	-0.5(XY-plane)
Average Gain (dB)	-0.5
Manufacturer:	Becool Technology (Shenzhen) Co., Ltd.
Address	3F, Building E, Fenda High-tech Park, Sanwei Community, Hangcheng Baoan Dist., Shenzhen, Guangdong Province, China

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

Antenna layout on the Module board(mm)



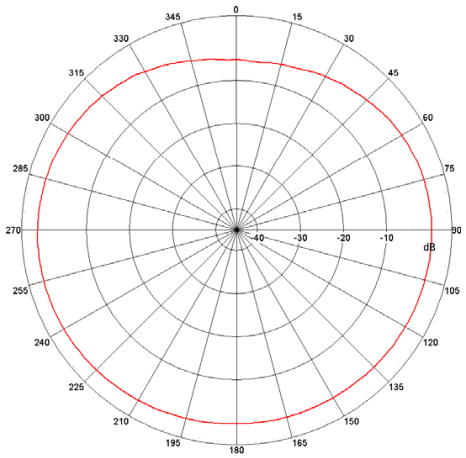
Antenna Gain

Gain Table

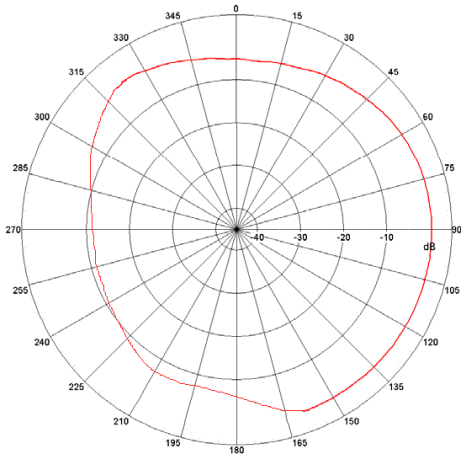
Unit in dBi @2400~2500MHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module board	0.0	-0.5	-0.3	-0.9	-1.3	-2.7	58.5%

XY-plane

Far-field Power Distribution(H+V) on X-Y Plane
Plot Peak Gain(H+V)= 0 dBi;
Plot AvgGain(H+V)=-0.50dBi @2400 MHz

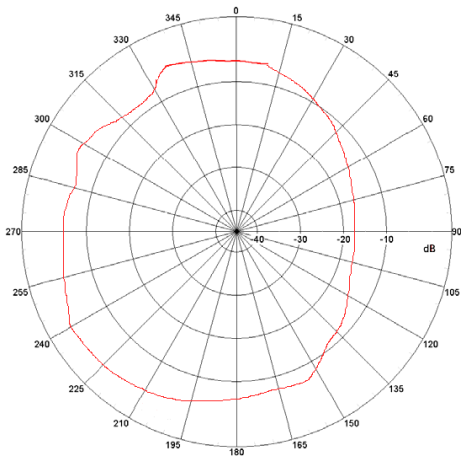


Far-field Power Distribution(H+V) on X-Y Plane
Plot Peak Gain(H+V)= -0.70 dBi;
Plot AvgGain(H+V)=-2.73dBi @2450 MHz



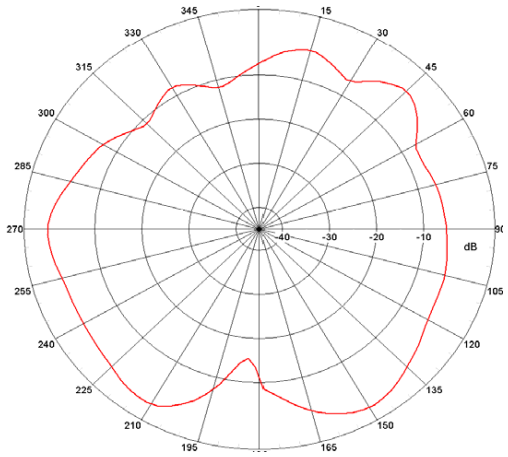
XY-plane

Far-field Power Distribution(H+V) on X-Y Plane
Plot Peak Gain(H+V)= -1.15 dBi;
Plot AvgGain(H+V)=-1.14dBi @2500 MHz



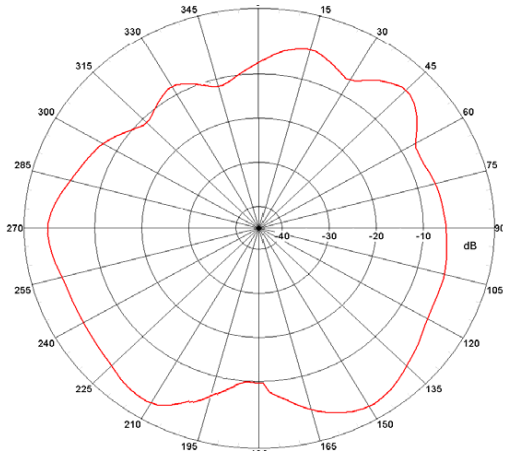
XZ-plane

Far-field Power Distribution(H+V) on X-Z Plane
Plot Peak Gain(H+V)=-0.30 dBi;
Plot AvgGain(H+V)=-0.90dBi @2400 MHz)



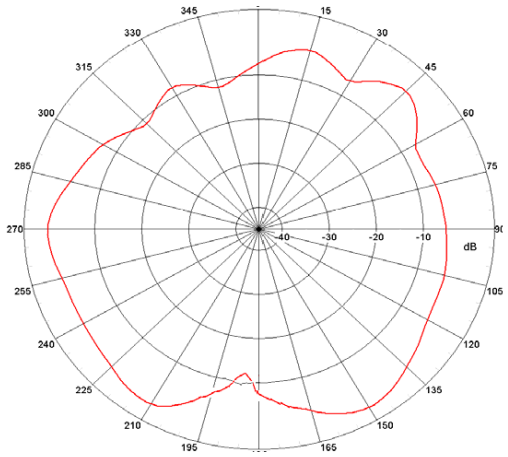
XZ-plane

Far-field Power Distribution(H+V) on X-Z Plane
Plot Peak Gain(H+V)=-1.89 dBi;
Plot AvgGain(H+V)=-2.54dBi @2450 MHz)



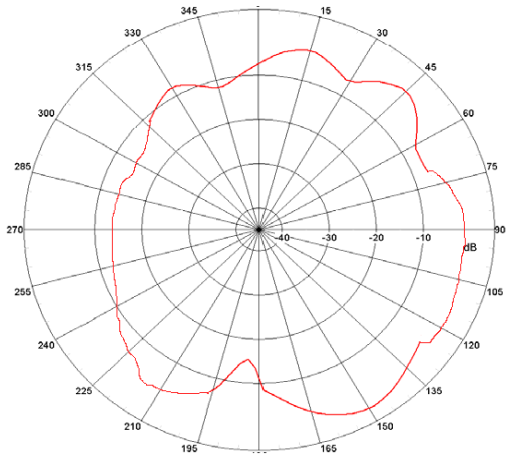
XZ-plane

Far-field Power Distribution(H+V) on X-Z Plane
Plot Peak Gain(H+V)=-1.67 dBi;
Plot AvgGain(H+V)=-2.68dBi @2500 MHz)



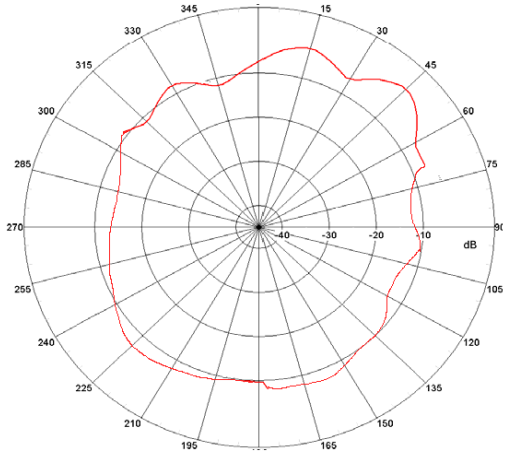
YZ-plane

Far-field Power Distribution(H+V) on X-Z Plane
Plot Peak Gain(H+V)=-1.3 dBi;
Plot AvgGain(H+V)=-2.70dBi @2400 MHz)



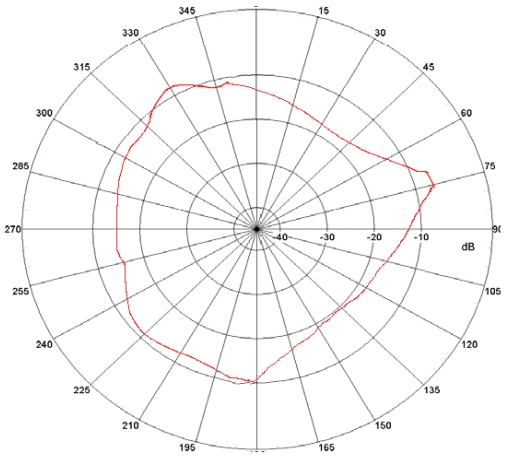
YZ-plane

Far-field Power Distribution(H+V) on X-Z Plane
Plot Peak Gain(H+V)=-1.76 dBi;
Plot AvgGain(H+V)=-2.87dBi @2450 MHz)



YZ-plane

Far-field Power Distribution(H+V) on X-Z Plane
Plot Peak Gain(H+V)=-2.17 dBi;
Plot AvgGain(H+V)=-3.32dBi @2500 MHz)



3D radiation pattern diagram