

Fiber Glass Antenna

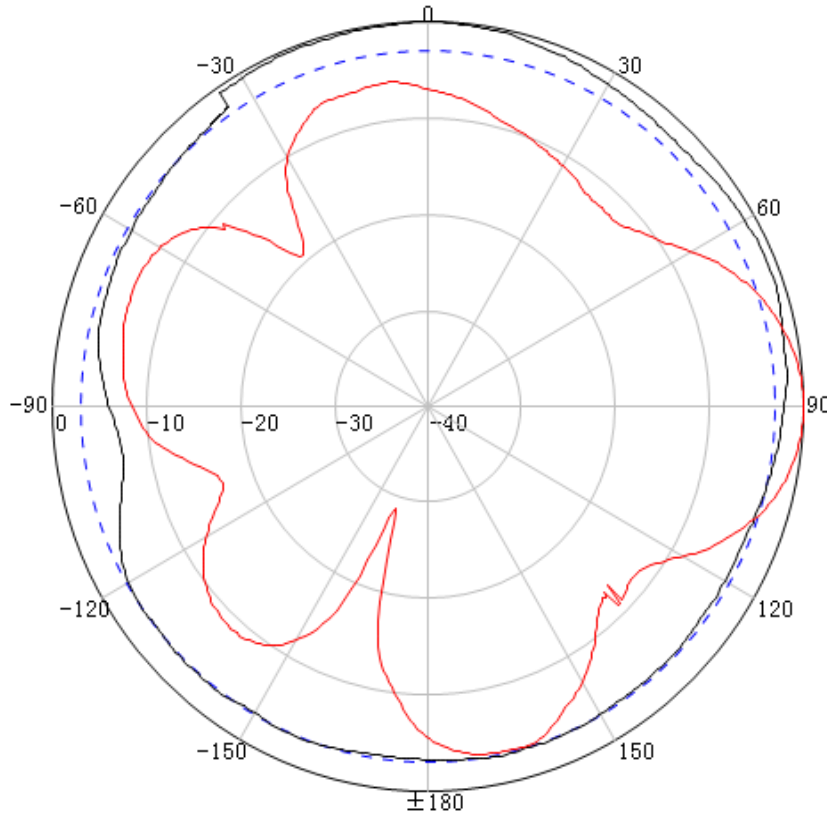
I Product Model: KM-041325



II Electrical Performance

Frequency	698 ~ 2700 MHz
Gain	5-7 dBi
Polarization	Vertical
H-Plane Power beamwidth	360°
V-Plane Power beamwidth	13°
V.S.W.R	<1.5
Impedance	50 Ω
Power	100W
Antenna Length	730mm
Connector	SMA male
Cable	RG-58, length 5 meters
Material	Fiber glass
Mounting kits	Heavy duty mounting hardware

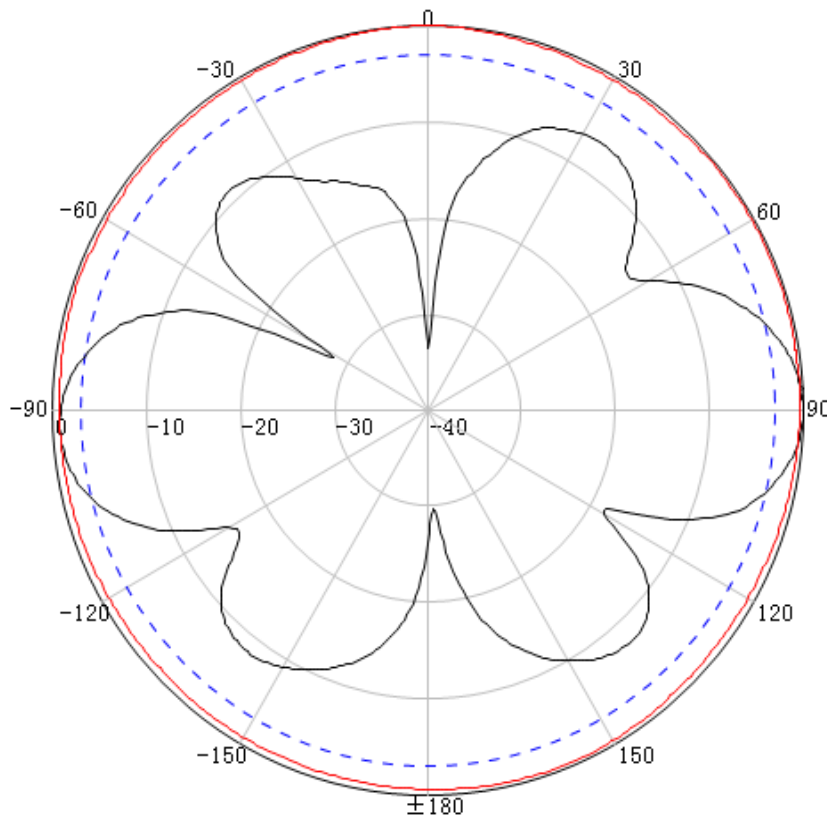
III Radiation Patterns Test Results



Freq:698MHz
Max:-47.91dB
HPBW(3dB):148.30°
FBR:0.07dB
Direction :2.60dBi

Freq:698MHz
Max:-44.93dB
HPBW(3dB):36.39°
FBR:2.28dB
Direction :6.99dBi
LeftBeam1:-6.08dB
RightBeam1:-13.24dB
Obliquity:-134.53°

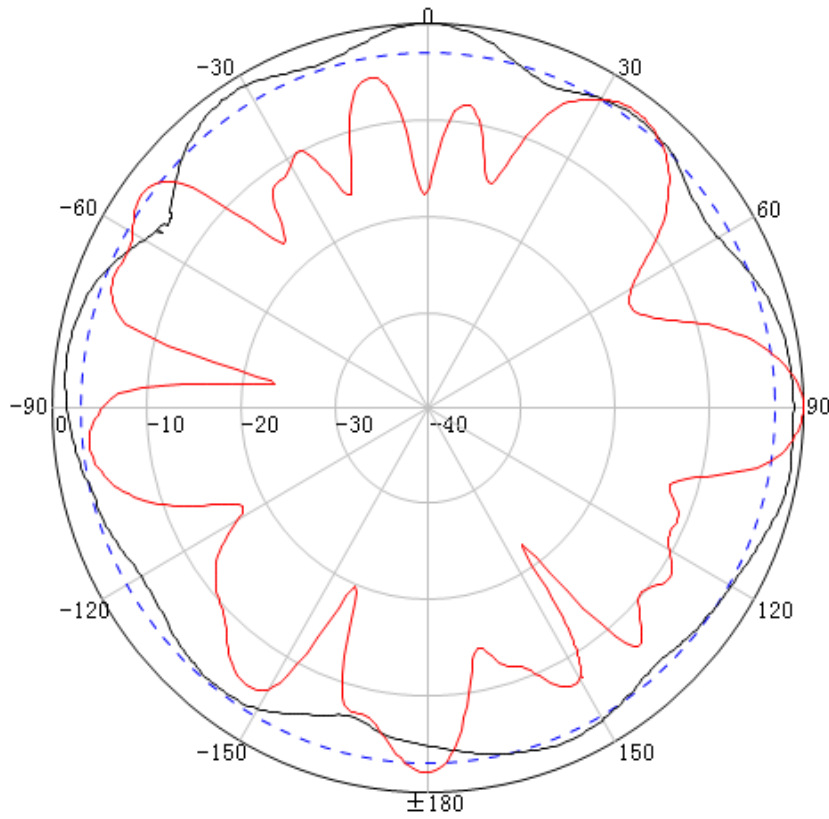
Gain:4.80dBi



Freq:960MHz
Max:-39.23dB
HPBW(3dB):27.35°
FBR:0.00dB
Direction :10.09dBi
LeftBeam1:-6.62dB
RightBeam1:-7.70dB
Obliquity:1.75°

Freq:960MHz
Max:-37.76dB
HPBW(3dB):275.11°
FBR:0.19dB
Direction :0.47dBi

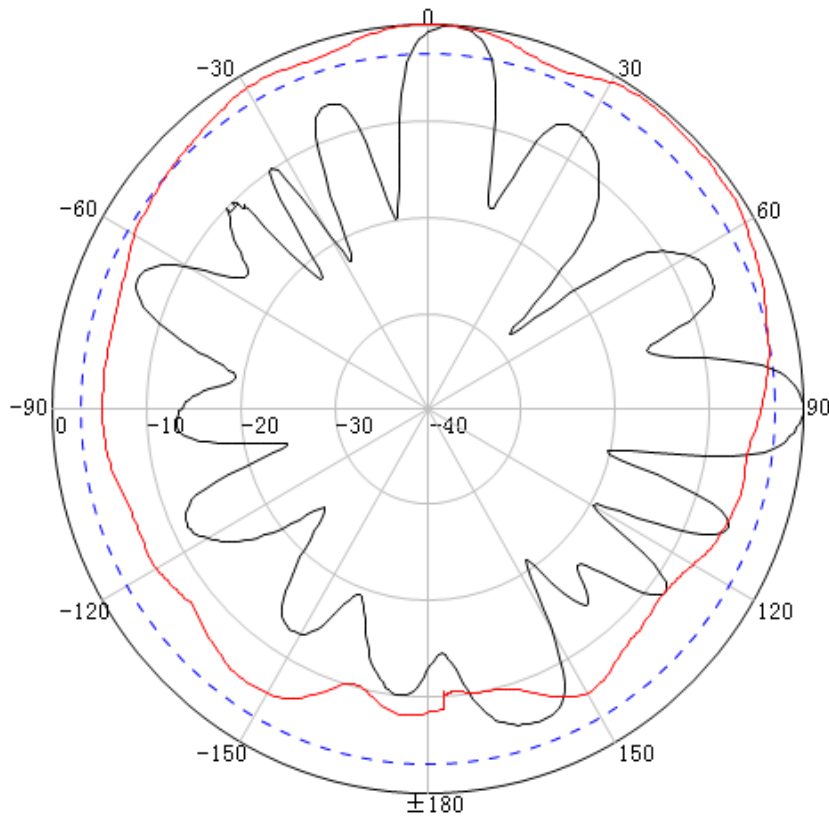
Gain:5.28dBi



Freq:1710MHz
 Max:-47.81dB
 HPBW(3dB):59.85°
 FBR:1.17dB
 Direction :2.91dBi

Freq:1710MHz
 Max:-43.92dB
 HPBW(3dB):17.47°
 FBR:2.13dB
 Direction :6.24dBi
 LeftBeam1:-2.04dB
 RightBeam1:-11.03dB
 Obliquity:18.03°

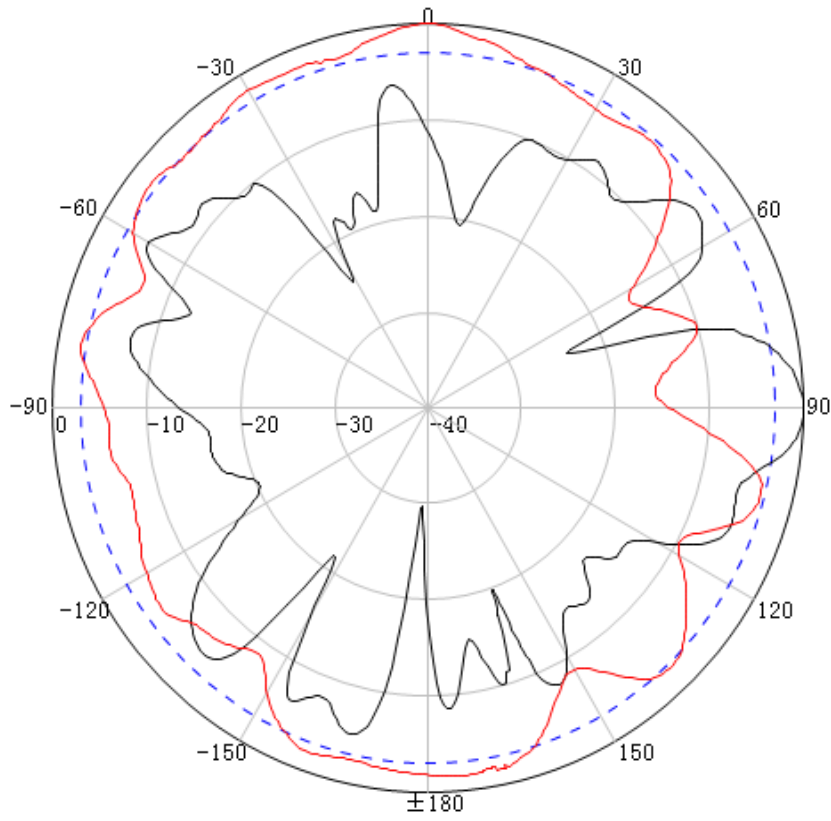
Gain:4.57dBi



Freq:2170MHz
 Max:-44.74dB
 HPBW(3dB):12.85°
 FBR:6.25dB
 Direction :9.45dBi
 LeftBeam1:-6.73dB
 RightBeam1:-5.84dB
 Obliquity:45.55°

Freq:2170MHz
 Max:-51.38dB
 HPBW(3dB):126.94°
 FBR:5.89dB
 Direction :4.07dBi

Gain:6.76dBi



Freq:2700MHz
 Max:-48.90dB
 HPBW(3dB):18.68°
 FBR:5.29dB
 Direction :7.92dBi
 LeftBeam1:-4.83dB
 RightBeam1:-5.49dB
 Obliquity:23.41°

Freq:2700MHz
 Max:-57.13dB
 HPBW(3dB):60.71°
 FBR:1.53dB
 Direction :5.19dBi

Gain:6.55dBi