

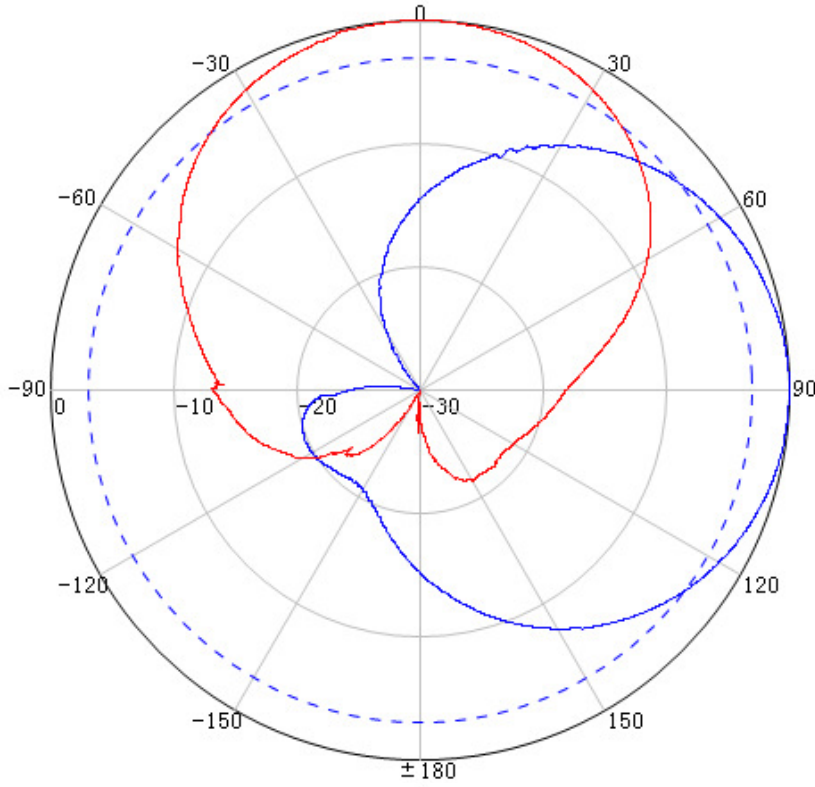
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698-960/1710-2700MHz DAS MIMO Panel Antenna



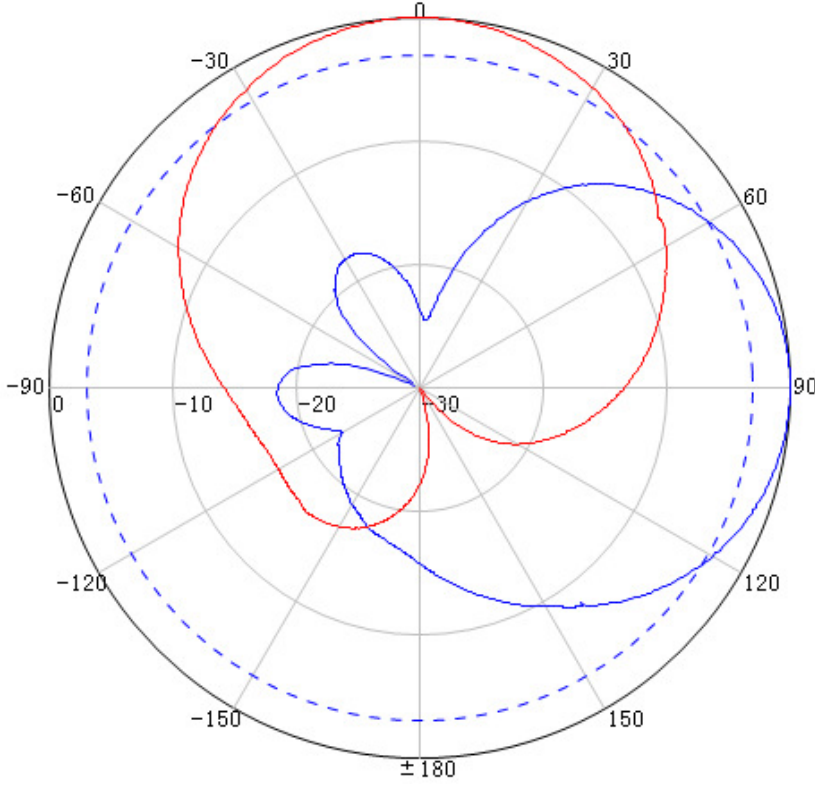
Electrical Specifications			
Model	ECE-700/2700-PM		
Frequency Range	MHz	698-960	1710-2700
Gain	dBi	7.0	7.5
Polarization	±45°		
Beam width	Horizontal	deg	73
	Vertical		65
Front-To-Back Ratio	dB	15	25
VSWR		≤1.5	
Isolation	dB	>20	>23
PIM, Carrier(2 x43dBm)	dBc	-150	
Input Power per Port, maximum	watts	100	
Impedance	ohm	50	
Mechanical Specifications			
Dimensions, HxWxD	mm (in)	305x186x63(12.0x7.3x2.4)	
Weight, without Mounting Kit	kg (lb)	0.7(1.5)	
Radome Material and Color		ABS, White, RAL7035	
Mounting Type		Pole or Wall Mount	
Connector Type and Location		N-Female×2	
Operational Temperature	□	-55 to +60	
Operational Humidity	%	< 95	
Shipping Dimensions, HxWxD	mm (in)	360x210x90 (14.2x8.3x3.5)	
Shipping Weight	kg (lb)	0.7 (1.5)	

1. Radiation Patterns +45° Polarization Port :



Freq:698MHz
Polar_Face:E
Polarize:+45°
HPBW(3dB):74.92°
FBR:19.77dB

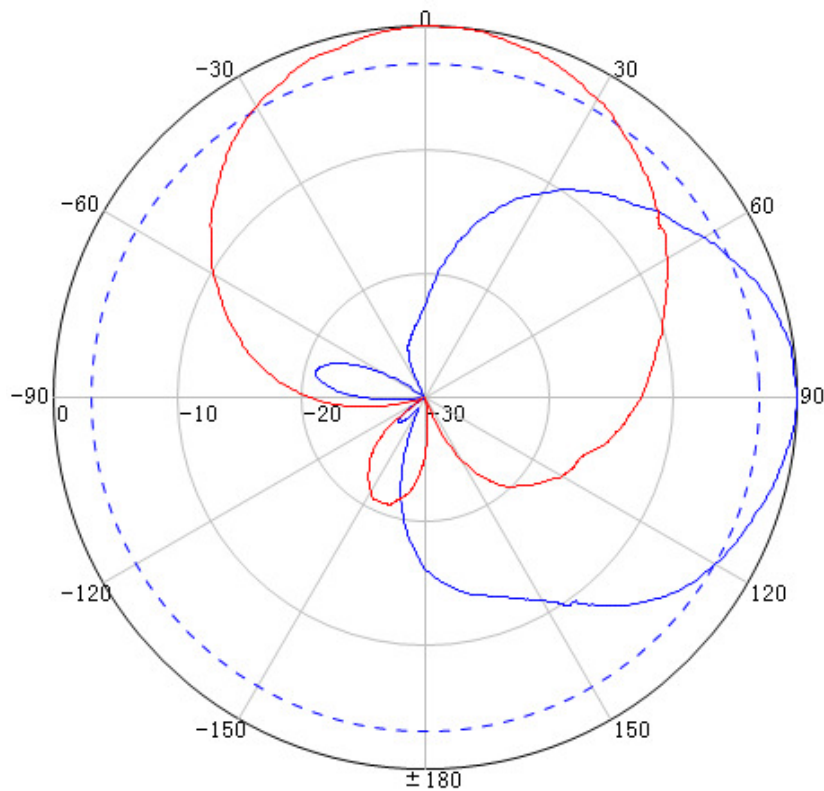
Freq:698MHz
Polar_Face:H
Polarize:+45°
HPBW(3dB):75.87°
FBR:21.55dB



Freq:806MHz
Polar_Face:E
Polarize:-45°
HPBW(3dB):61.82°
FBR:18.46dB

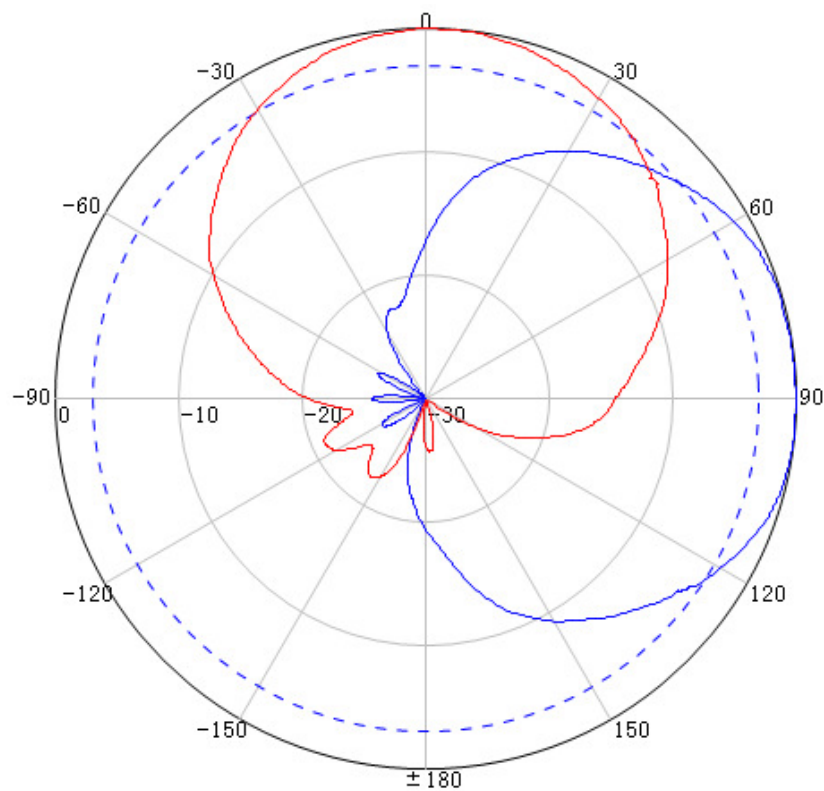
Freq:806MHz
Polar_Face:H
Polarize:-45°
HPBW(3dB):74.84°
FBR:17.00dB

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Freq:960MHz
Polar_Face:E
Polarize:-45°
HPBW(3dB):54.63°
FBR:20.95dB

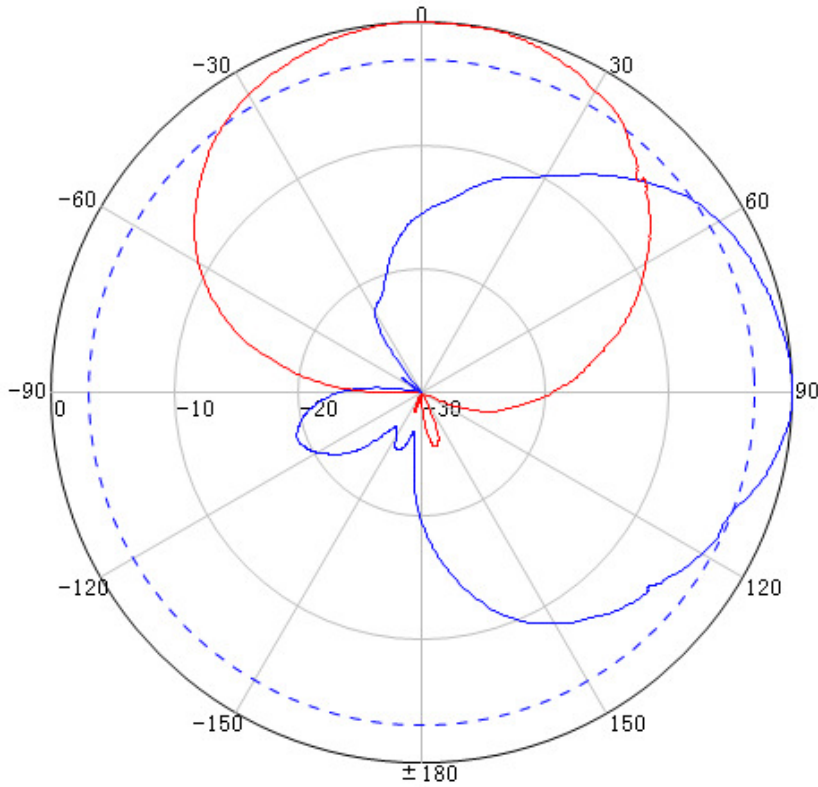
Freq:960MHz
Polar_Face:H
Polarize:-45°
HPBW(3dB):65.96°
FBR:20.80dB



Freq:1710MHz
Polar_Face:E
Polarize:-45°
HPBW(3dB):73.02°
FBR:25.67dB

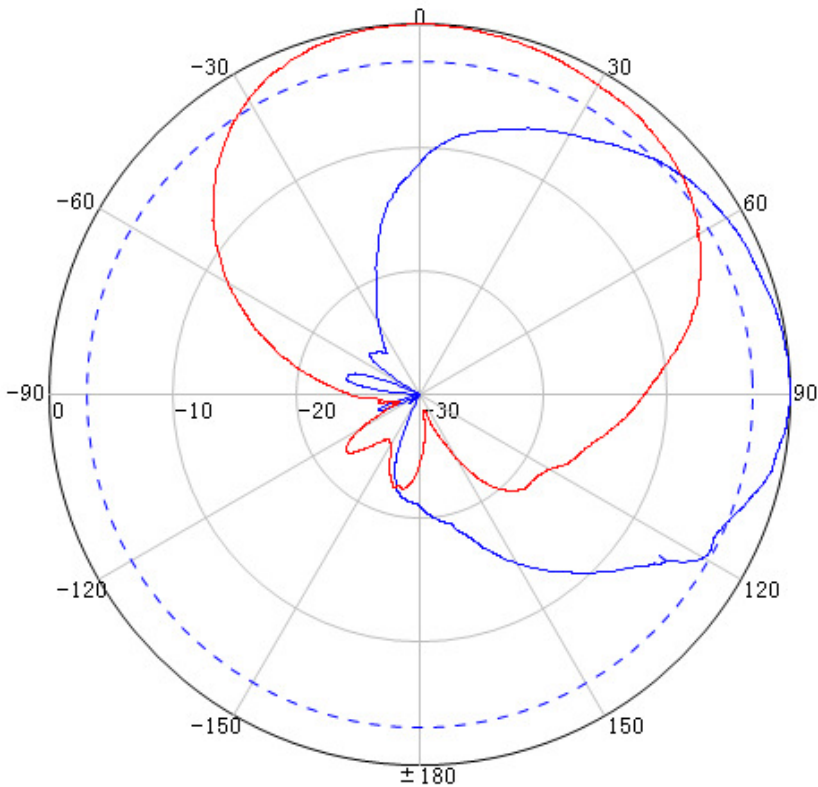
Freq:1710MHz
Polar_Face:H
Polarize:-45°
HPBW(3dB):68.68°
FBR:22.71dB

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Freq:1880MHz
Polar_Face:E
Polarize:-45°
HPBW(3dB):56.01°
FBR:19.28dB

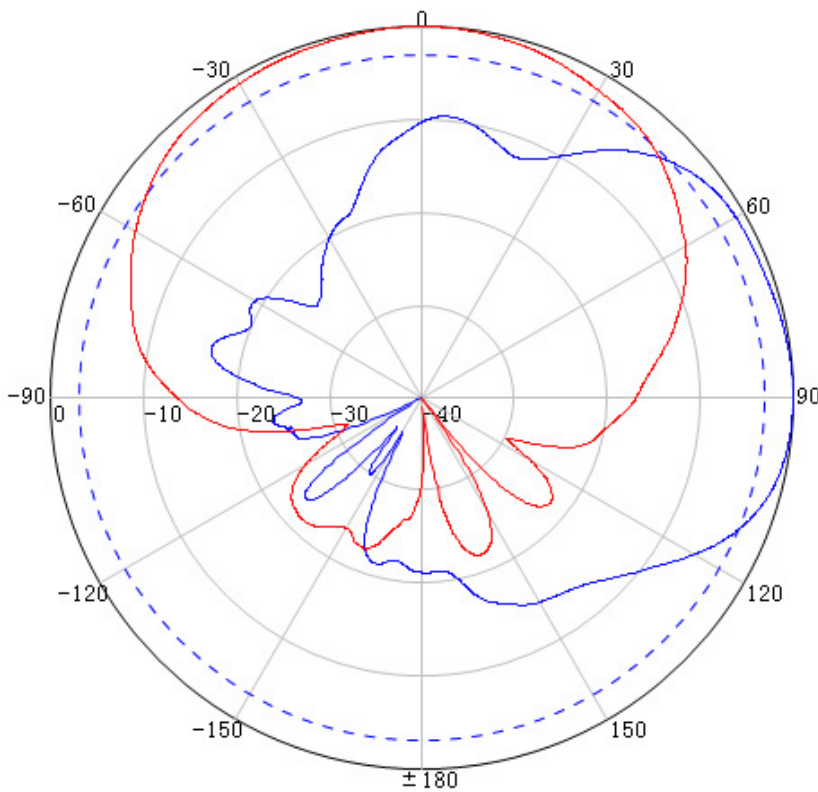
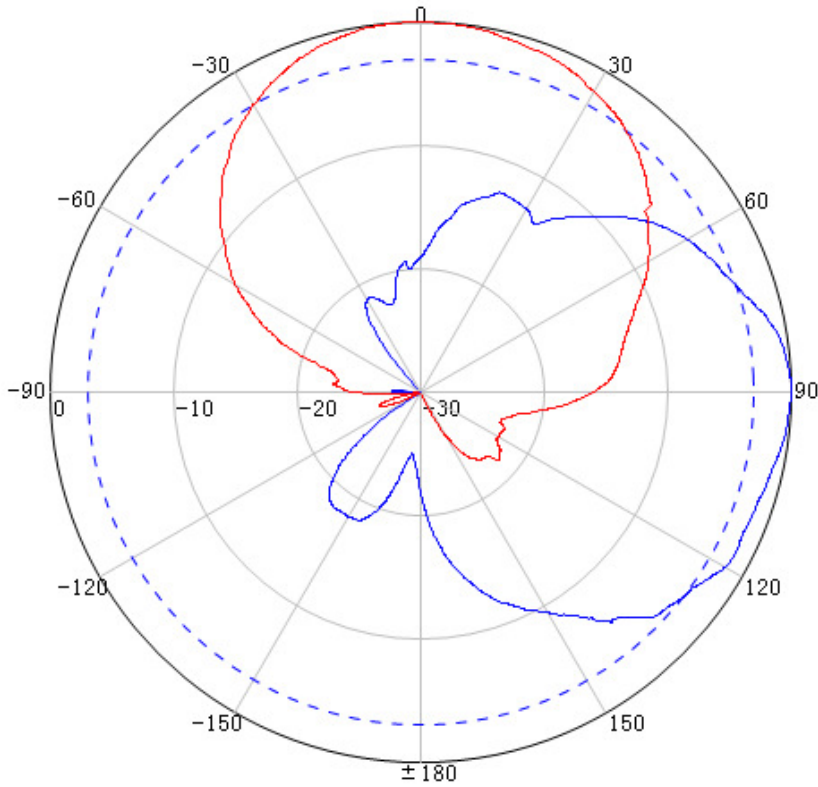
Freq:1880MHz
Polar_Face:H
Polarize:-45°
HPBW(3dB):73.79°
FBR:25.46dB



Freq:2170MHz
Polar_Face:E
Polarize:-45°
HPBW(3dB):66.71°
FBR:23.96dB

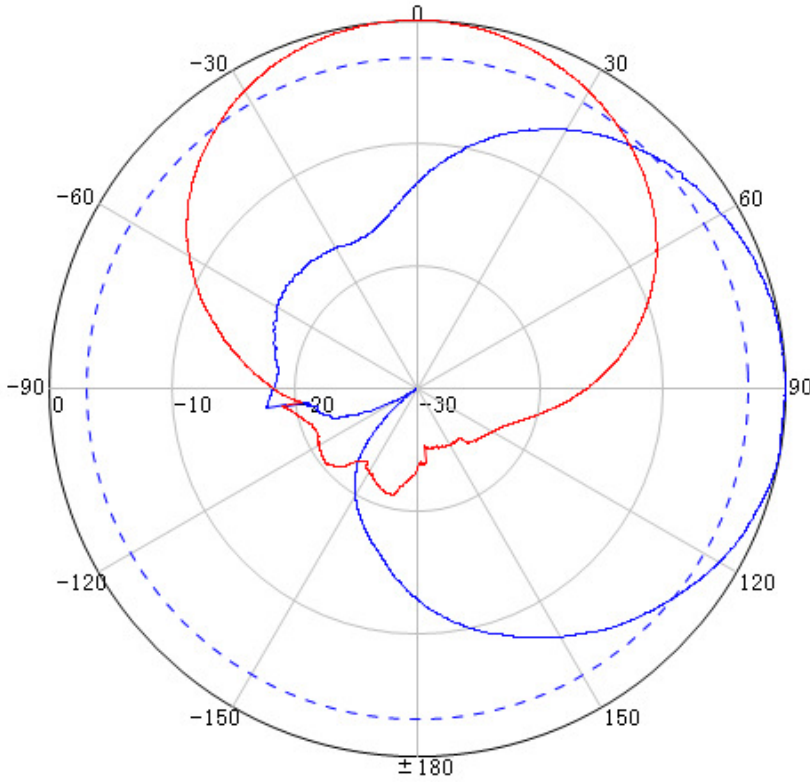
Freq:2170MHz
Polar_Face:H
Polarize:-45°
HPBW(3dB):87.75°
FBR:22.13dB

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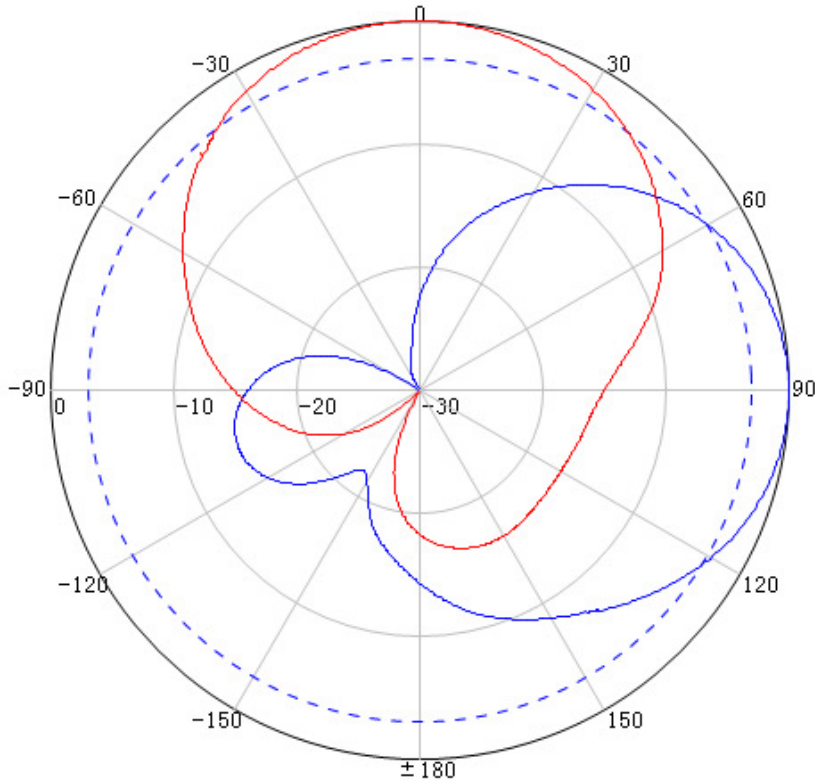
-45° Polarization Port :

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Freq:698MHz
Polar_Face:E
Polarize:+45°
HPBW(3dB):83.56°
FBR:16.86dB

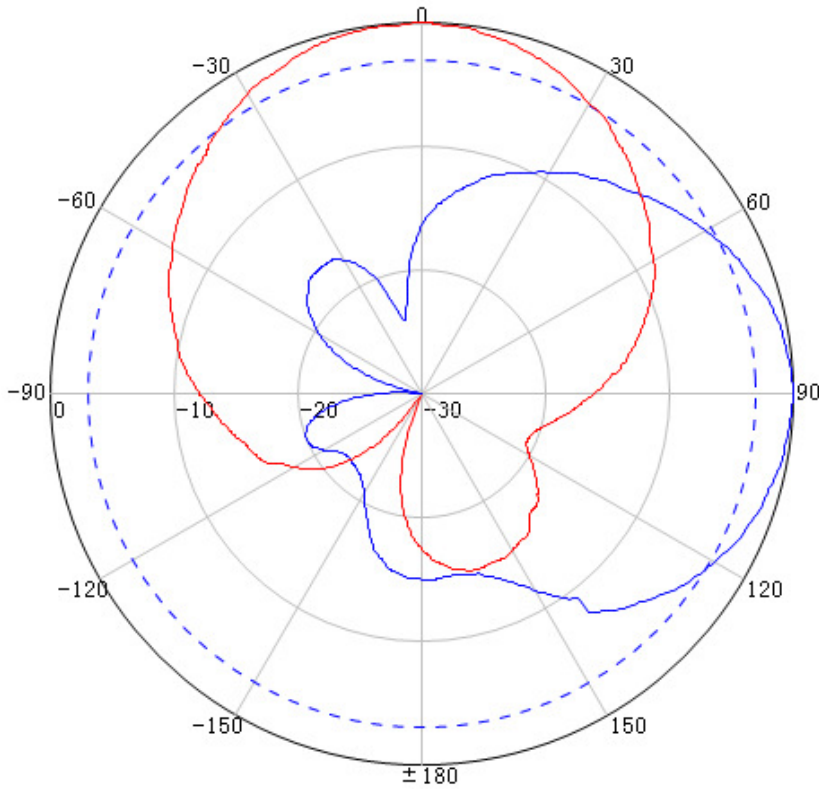
Freq:698MHz
Polar_Face:H
Polarize:-45°
HPBW(3dB):73.65°
FBR:21.06dB



Freq:806MHz
Polar_Face:E
Polarize:+45°
HPBW(3dB):61.13°
FBR:14.54dB

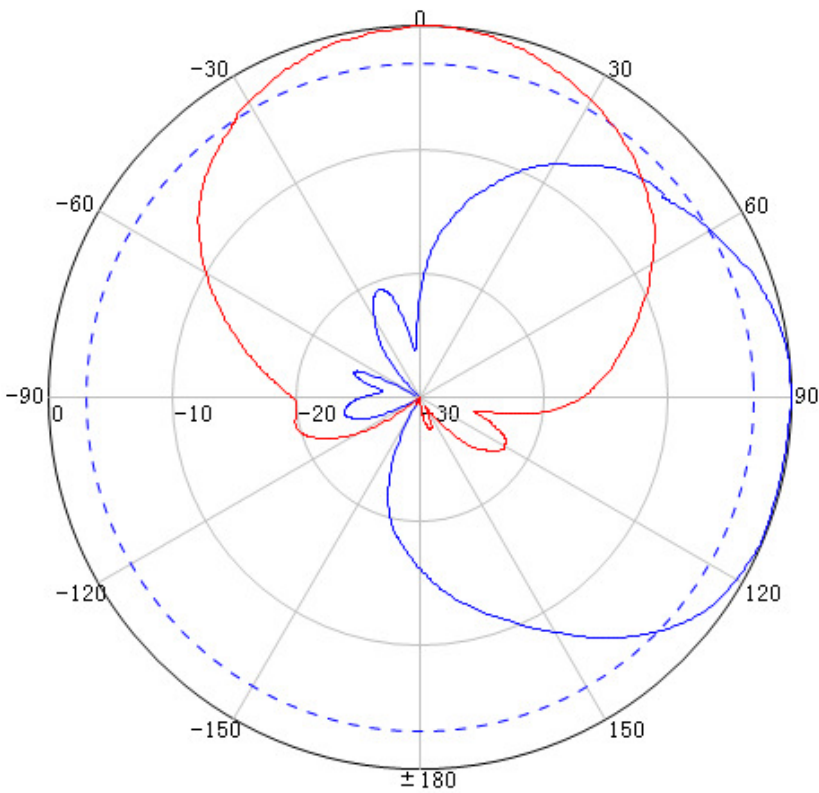
Freq:806MHz
Polar_Face:H
Polarize:+45°
HPBW(3dB):75.94°
FBR:16.33dB

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Freq:960MHz
Polar_Face:E
Polarize:+45°
HPBW(3dB):58.58°
FBR:20.00dB

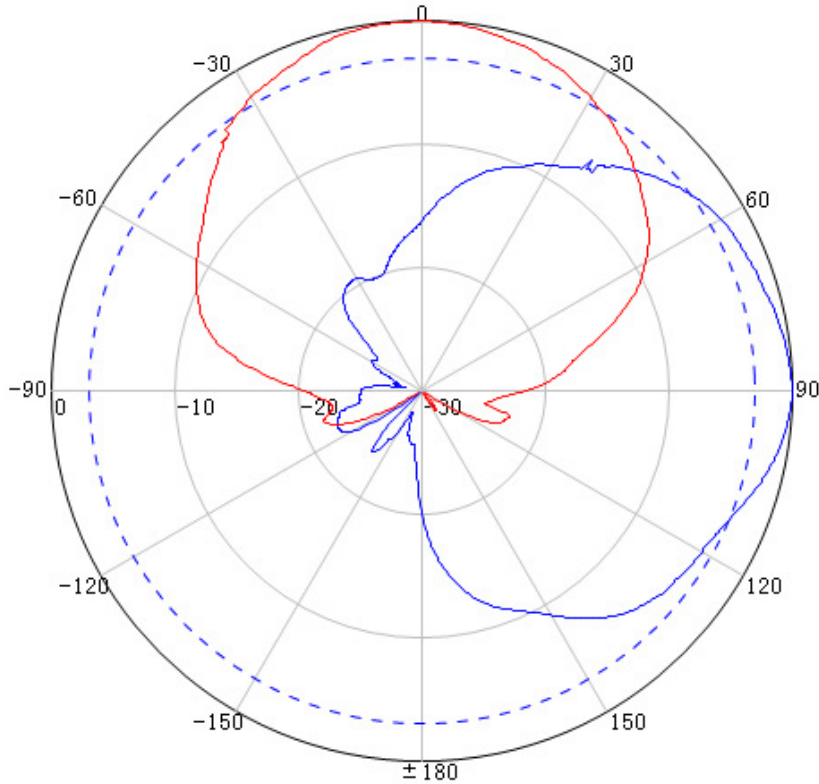
Freq:960MHz
Polar_Face:H
Polarize:+45°
HPBW(3dB):67.66°
FBR:15.11dB



Freq:1710MHz
Polar_Face:E
Polarize:+45°
HPBW(3dB):74.74°
FBR:23.71dB

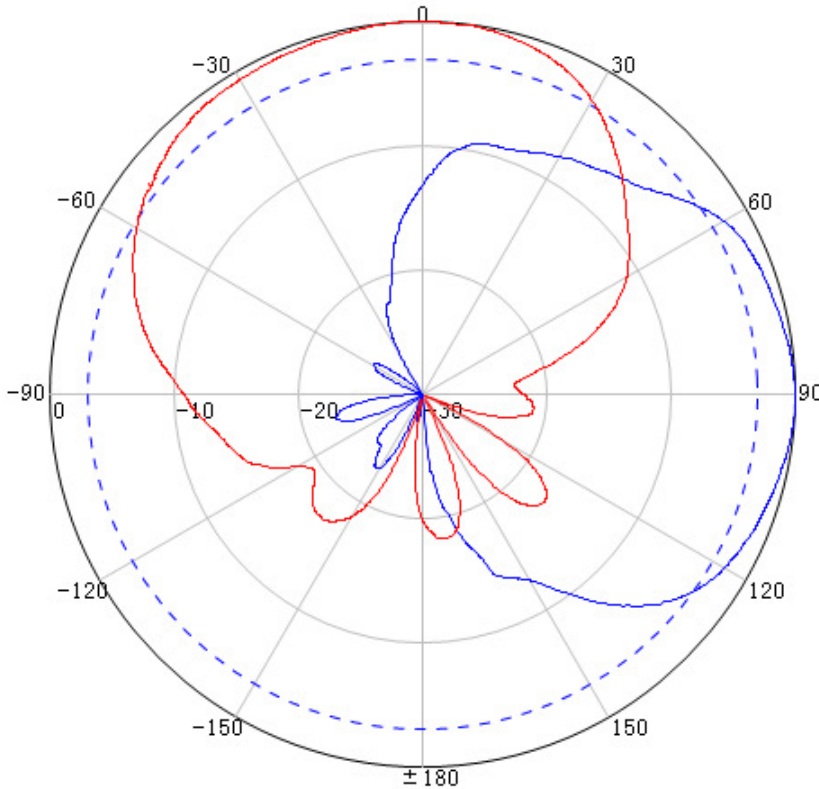
Freq:1710MHz
Polar_Face:H
Polarize:+45°
HPBW(3dB):68.26°
FBR:27.28dB

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Freq:1880MHz
Polar_Face:E
Polarize:+45°
HPBW(3dB):58.82°
FBR:22.57dB

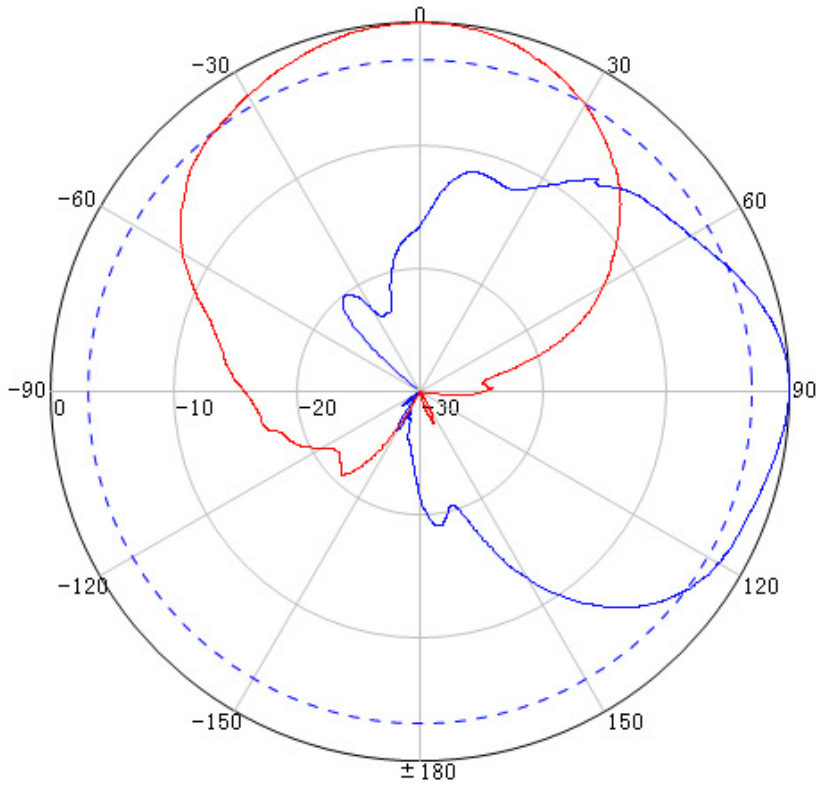
Freq:1880MHz
Polar_Face:H
Polarize:+45°
HPBW(3dB):65.98°
FBR:30.11dB



Freq:2170MHz
Polar_Face:E
Polarize:+45°
HPBW(3dB):69.70°
FBR:22.74dB

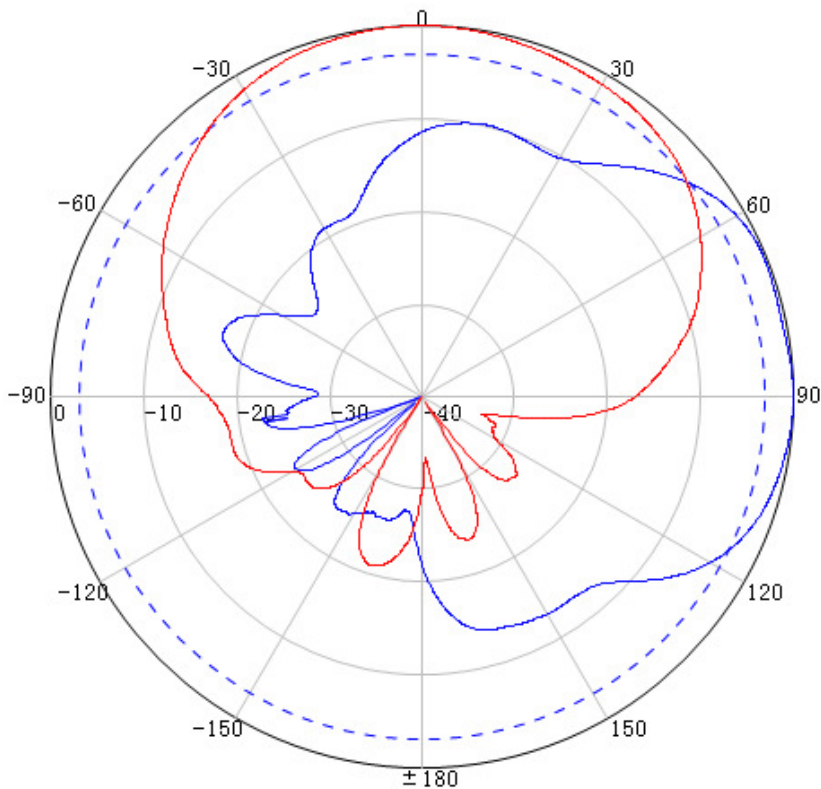
Freq:2170MHz
Polar_Face:H
Polarize:+45°
HPBW(3dB):88.97°
FBR:18.24dB

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Freq:2300MHz
Polar_Face:E
Polarize:+45°
HPBW(3dB):58.76°
FBR:30.28dB

Freq:2300MHz
Polar_Face:H
Polarize:+45°
HPBW(3dB):66.30°
FBR:27.20dB



Freq:2700MHz
Polar_Face:E
Polarize:-45°
HPBW(3dB):64.58°
FBR:17.54dB

Freq:2700MHz
Polar_Face:H
Polarize:-45°
HPBW(3dB):87.33°
FBR:21.00dB

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