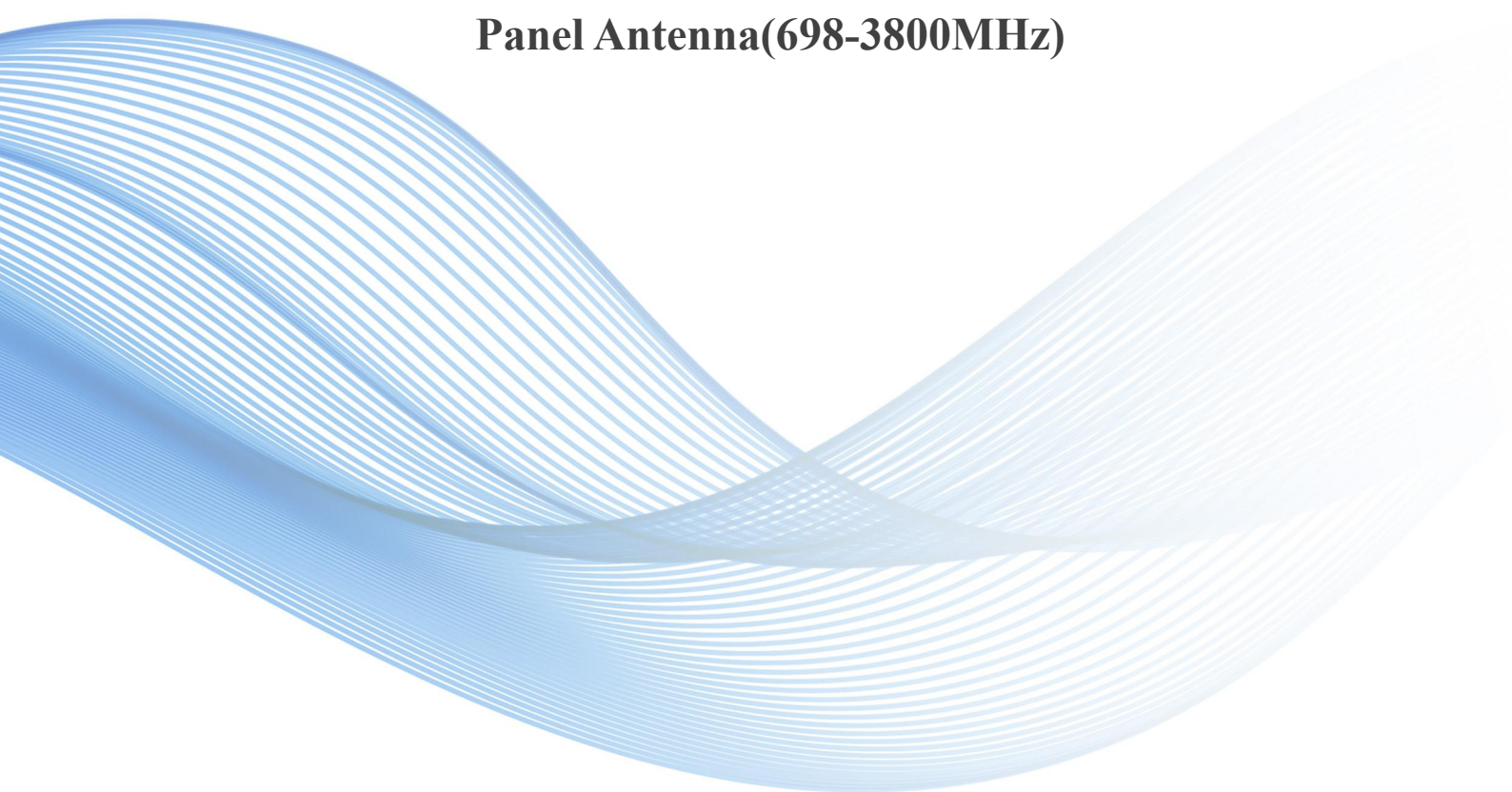


TECHNICAL SPECIFICATION

Panel Antenna(698-3800MHz)



A	October 31, 2023	Alan	Mr.Zhu	Hugo
Version	Date	Prepared	Reviewed	Approved

Electrical Specifications

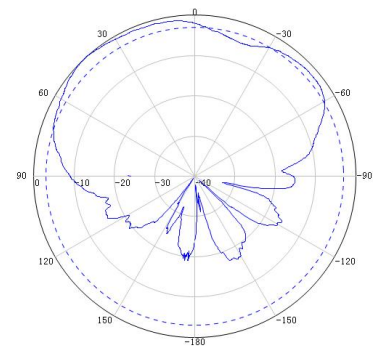
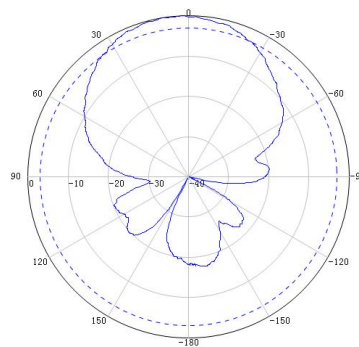
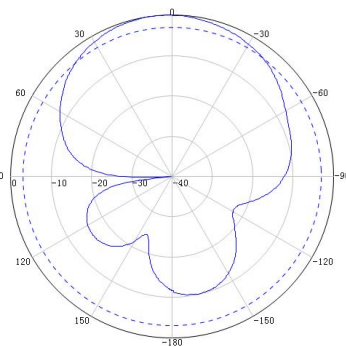
Frequency Range	MHz	698-806	806-960	1710-2170	2170-2700	3300-3800	
Gain	dBi	5±0.5	6±0.5	7±0.5	7±0.5	6±1	
Polarization		Vertical					
Beam width	Horizontal	deg	80	80	65	60	55
	Vertical		73	70	60	60	30
Front-To-Back Ratio	dB	> 5	> 8	> 10	> 15	> 10	
VSWR		≤1.8					
PIM, 3rd Order, 2 x 20 W,	dBc	-153					
Input Power, maximum	watt	50					
Impedance	ohm	50					

Mechanical Specifications

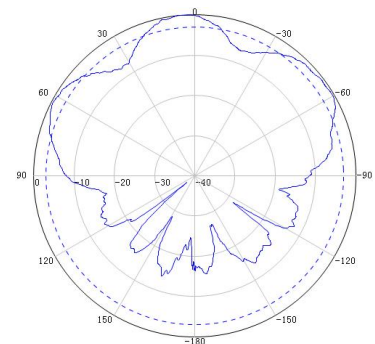
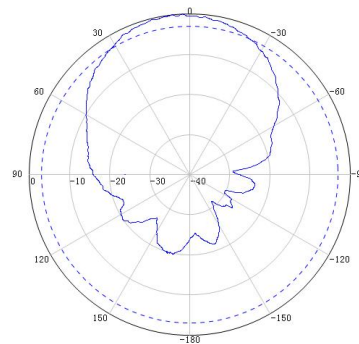
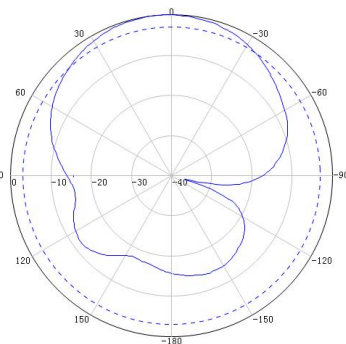
Dimensions, HxWxD	mm	180x170x60
Weight, without Mounting Kit	kg	0.37
Radome Material and Color		ABS, White, RAL9003
Mounting Kit		On-wall
Connector Type and Location		4.3-10-Female
Operational Temperature	oC	-55 to +60

Radiation Patterns

Horizontal pattern



Vertical pattern



900MHz

1880MHz

3500MHz

Features and Product Description

- New generation wideband Directional Antenna, coverage 698MHz - 3800MHz.
- Smaller size, light-weight and easy to install.
- Typically used in indoor distribution of LTE services.
- Low return loss, High gain, Stable performance.
- PIM<-153dBc @ 2x20 W.
- N-female/ 7/16 DIN/ MINI-DIN compliant.

