



The panel MIMO antenna I-ATP5-698/3800M is designed for broadband in-building DAS applications supporting all kind of safety as well as 4G and 5G commercial wireless communication networks. The antenna combines an aesthetical design with superior electrical characteristics notably a PIM optimized design to minimize network interferences. The antenna is constructed from lightweight materials ideal for easy ceiling mounting. The low profile and off-white radome blends easily into most building aesthetics with minimum visual impact.

**FEATURES / BENEFITS**

- Wideband omni antenna, supporting all wireless services in the frequency bands 698-960/1427-2700MHz/3400-3800MHz
- Typically used in indoor distribution of 2G/3G/4G/5G wireless services in all standardized frequency bands
- PIM optimized antenna design (-153dBc @2x20W)
- Aesthetical visual appearance, compact and light weight
- Low return loss, stable performance
- Pigtail with N female connector
- Ceiling mounting



I-ATP5-698/3800M

**Technical features**

**GENERAL SPECIFICATIONS**

<b>Product Type</b>		Panel Antenna
<b>Techn. Application</b>		Indoor

**MECHANICAL SPECIFICATIONS**

<b>Number of Input Ports</b>		2
<b>Connectors</b>		N female
<b>Connector Cable</b>	mm (in)	300 (11.8)
<b>Mounting Hardware included</b>		Wall bracket, screws
<b>Height (Less Connectors)</b>	mm (in)	62 (2.4)
<b>Width (Less Connectors)</b>	mm (in)	180 (7.1)
<b>Length (Less Connectors)</b>	mm (in)	400 (15.75)
<b>Weight</b>	kg (lb)	1.5 (3.3)

**ELECTRICAL SPECIFICATIONS**

Frequency	MHz	698 - 806	806 - 960	1427 - 1710	1710 - 2700	3400 - 4000
<b>Gain, typ.</b>	dBi	5.0	6.0	7.0	7.5	5.5
<b>max. VSWR</b>		2.0	2.0	2.0	2.0	2.0
<b>Beam width, Vertical, typ.</b>	°	73	70	60	60	30
<b>Beam width, Horizontal, typ.</b>	°	80	80	65	60	55
<b>Impedance, Ohm</b>	Ω	50				
<b>Polarization</b>		+/- 45°				
<b>Intermodulation (IM3)</b>		-153dBc (2 x 43dBm)				
<b>Total Input Power max.</b>	W	50				



**MATERIAL**

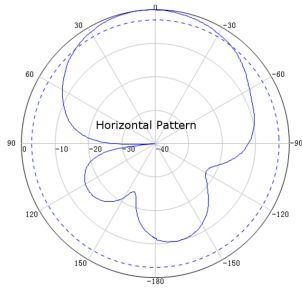
Radome Material		ABS
Radome Color		White (RAL9003)

**TEMPERATURE SPECIFICATIONS**

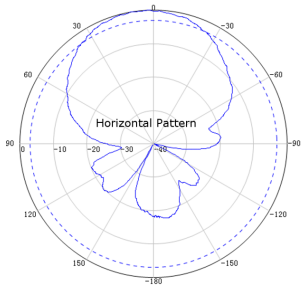
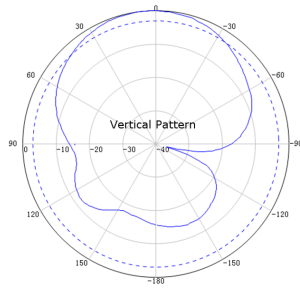
Operation Temperature	°C (°F)	-40 to 55 (-40 to 131 )
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**TESTING AND ENVIRONMENTAL**

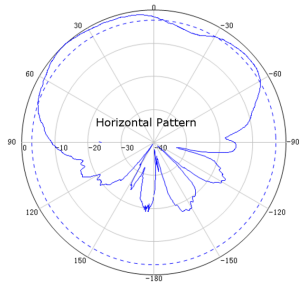
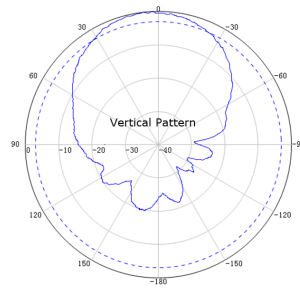
Environmental Class		Indoor
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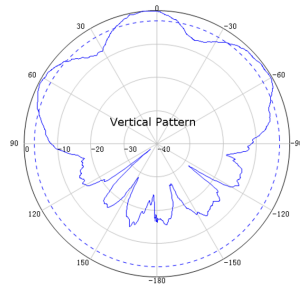
900 MHz



1880 MHz



3500 MHz



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Notes