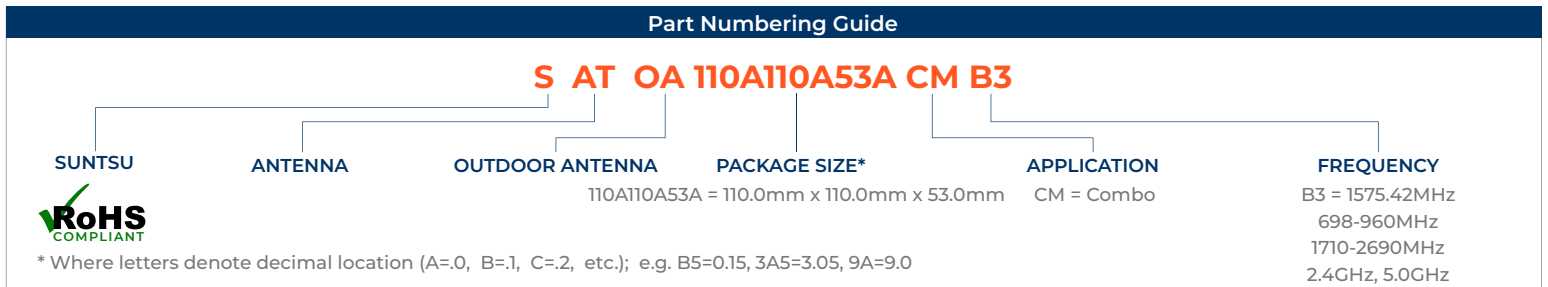


Features
<ul style="list-style-type: none"> <li>• GPS (GMSS), LTE &amp; WiFi Dual Band</li> <li>• Outdoor Antenna</li> <li>• Stable And Reliable Performance</li> <li>• 1575.42MHz, 698-960MHz, 1710-2690MHz, 2.4GHz &amp; 5.0GHz</li> </ul>

Applications
<ul style="list-style-type: none"> <li>• Vehicle Tracking</li> <li>• Asset Tracking</li> <li>• GPS Navigation</li> <li>• Machine To Machine Communication</li> </ul>



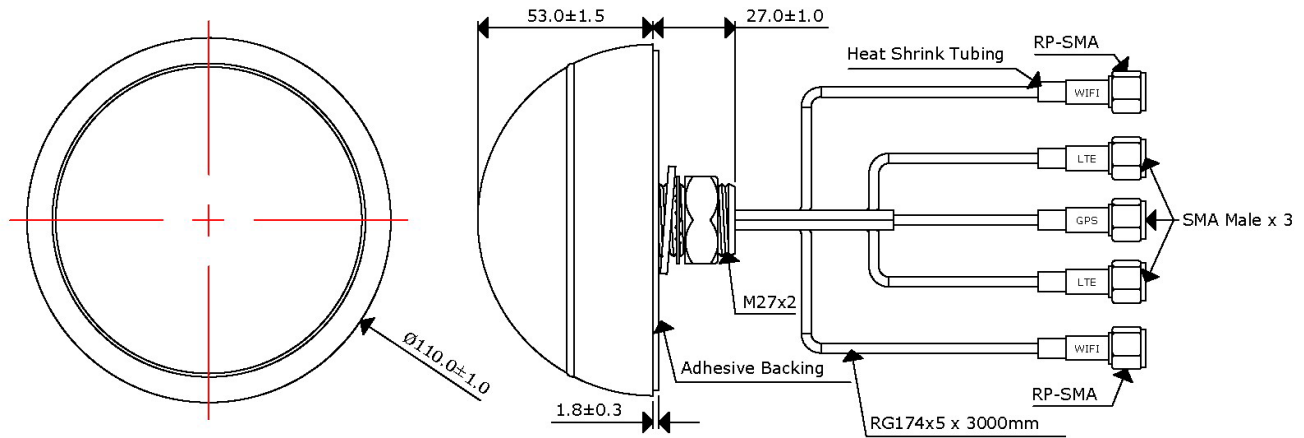
Electrical Parameters (GPS)	Units	Minimum	Typical	Maximum	Remarks
Frequency Band	MHz		1575.42		
Impedance	Ω		50		
Polarization			RHCP		
Peak Gain	dBi		28		At Center Frequency
VSWR				2	At Center Frequency
Operating Temperature	C	-40		85	

Electrical Parameters (LTE)	Units	Minimum	Typical	Maximum	Remarks
Frequency Band	MHz	698		960	
Impedance	Ω		50		
Polarization			Linear		
Peak Gain	dBi		3		At Center Frequency
VSWR				3	At Center Frequency
Frequency Band	MHz	1710		2690	
Impedance	Ω		50		
Polarization			Linear		
Peak Gain	dBi		3		At Center Frequency
VSWR				3	At Center Frequency
Operating Temperature	C	-40		85	

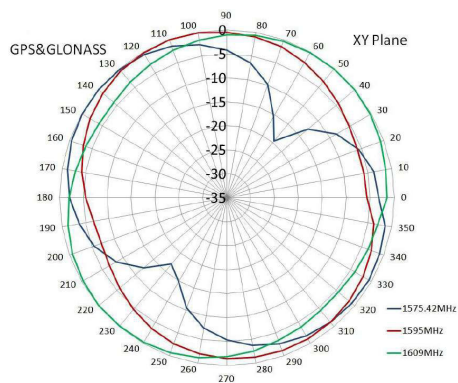
Electrical Parameters (WiFi)	Units	Minimum	Typical	Maximum	Remarks
Frequency Band	MHz	2400		2483.5	
Impedance	$\Omega$		50		
Polarization			Linear		
Peak Gain	dBi		2		At Center Frequency
VSWR				2.5	At Center Frequency
Frequency Band	MHz	4900		5825	
Impedance	$\Omega$		50		
Polarization			Linear		
Peak Gain	dBi		2		At Center Frequency
VSWR				2.5	At Center Frequency
Operating Temperature	C	-40		85	

### Outline Drawing

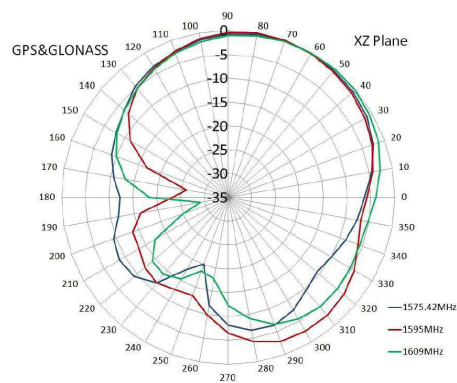
All dimensions are in millimeters (mm) unless otherwise noted. Drawings are not to scale.



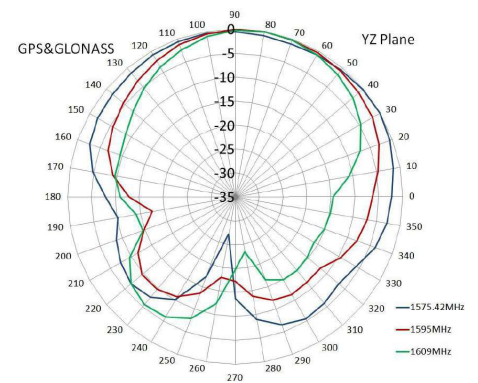
**Radiation Pattern (GPS XY)**



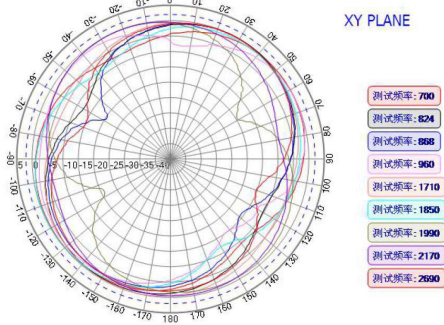
**Radiation Pattern (GPS XZ)**



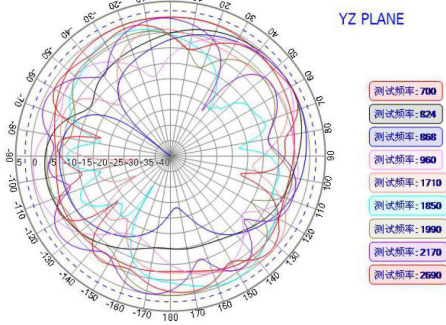
**Radiation Pattern (GPS YZ)**



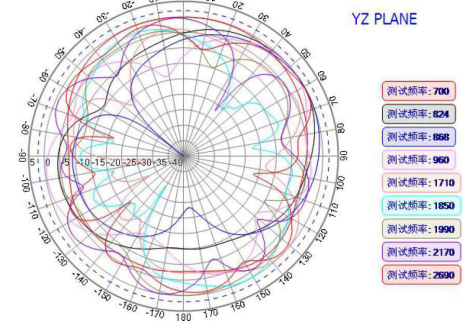
Radiation Pattern (LTE XY)



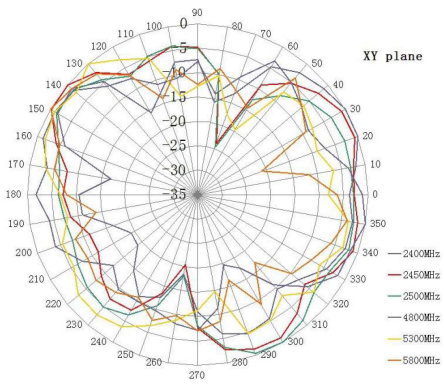
Radiation Pattern (LTE XZ)



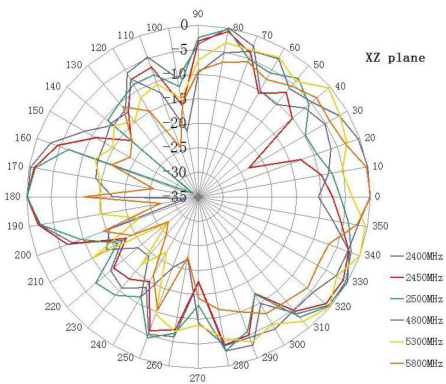
Radiation Pattern (LTE YZ)



Radiation Pattern (WiFi XY)



Radiation Pattern (WiFi XZ)



Radiation Pattern (WiFi YZ)

