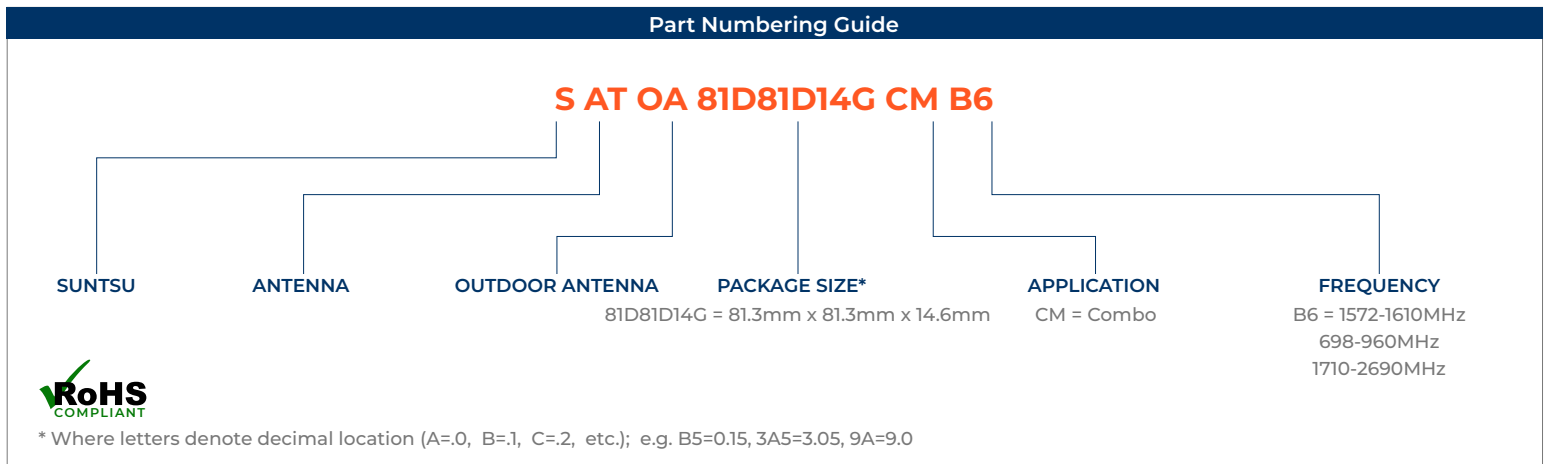


Features
<ul style="list-style-type: none"> <li>GPS/Glonass, GSM/3G/4G LTE</li> <li>Outdoor Antenna</li> <li>Stable And Reliable Performance</li> <li>1572-1610MHz, 698-960MHz &amp; 1710-2690MHZ</li> </ul>

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

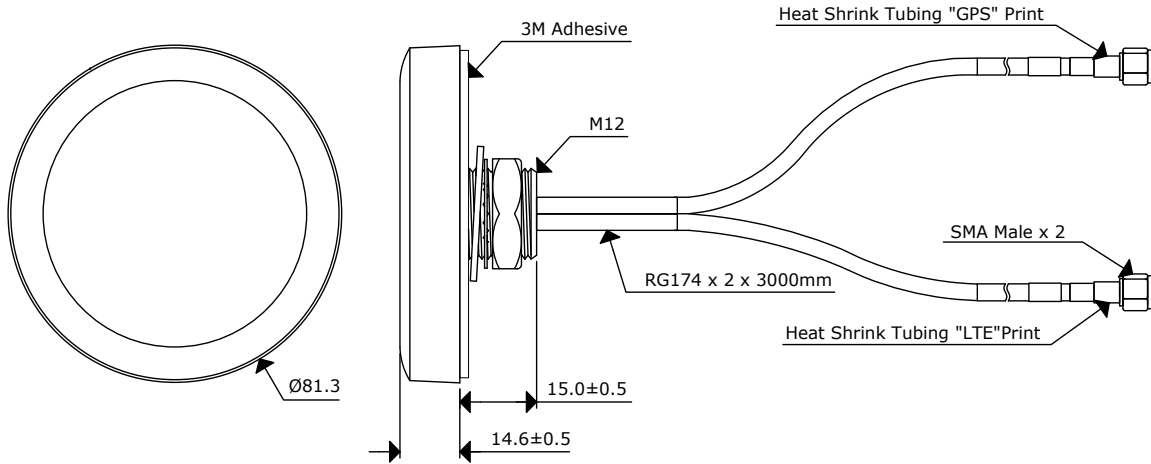


Electrical Parameters (GPS/Glonass)	Units	Minimum	Typical	Maximum	Remarks
Frequency Band	MHz	1572.0		1610.0	
Impedance	$\Omega$		50		
Polarization			RHCP		
Peak Gain	dBi		2		For Dielectric Antenna
VSWR				1.5	For Dielectric Antenna
Operating Temperature	$^{\circ}\text{C}$	-40		85	

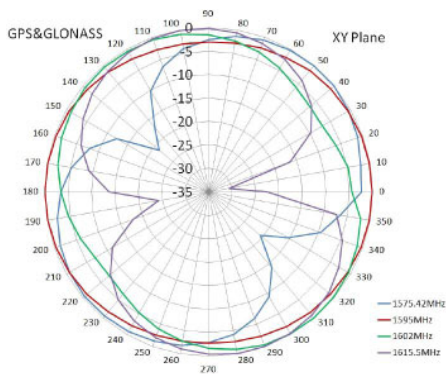
Electrical Parameters (LTE)	Units	Minimum	Typical	Maximum	Remarks
Frequency Band	MHz	698		960	
Impedance	$\Omega$		50		
Polarization			Linear		
Peak Gain	dBi		2.5		At Center Frequency
VSWR				3	At Center Frequency
Operating Temperature	$^{\circ}\text{C}$	-40		85	
Frequency Band	MHz	1710		2170	
Impedance	$\Omega$		50		
Polarization			Linear		
Peak Gain	dBi		2.5		At Center Frequency
VSWR				3	At Center Frequency
Operating Temperature	$^{\circ}\text{C}$	-40		85	

**Outline Drawing**

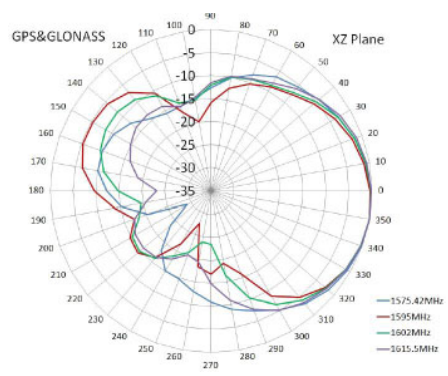
All dimensions are in millimeters (mm) unless otherwise noted. Drawings are not to scale.



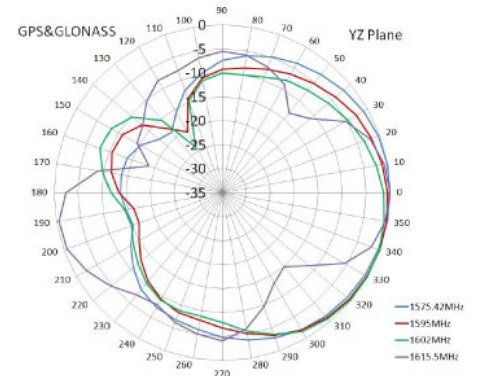
**Radiation Pattern (GPS XY)**



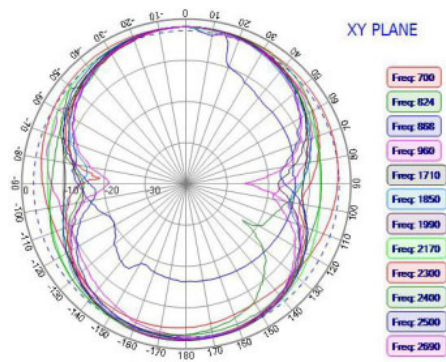
**Radiation Pattern (GPS XZ)**



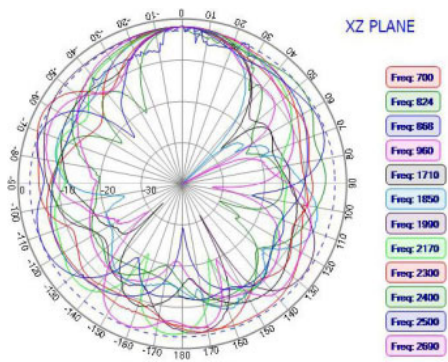
**Radiation Pattern (GPS YZ)**



**Radiation Pattern (LTE XY)**



**Radiation Pattern (LTE XZ)**



**Radiation Pattern (LTE YZ)**

