

GPS ANTENNA

TECHNICAL DATA SHEET

20-19-1011-01A

Electrical specifications:

Communication	GPS 1.575GHz
Gain	2.15dBi
Return Loss	<-10 dB
Impedance	50 Ohms
VSWR	≤ 1.8:1
Polarization	Linear
Power handled	10W



Mechanical Specifications:

Dimensions : 64 X 20X 8.785 mm
Weight : 30 g
Cable Standard : LMR100
Cable Length and color : 100 mm, Black

Environmental Specifications:

Operation -40 °C to +85 °C
Storage Temperature -40 °C to +85 °C
RoHS Compliant Yes

ASTHRA PROJECTS

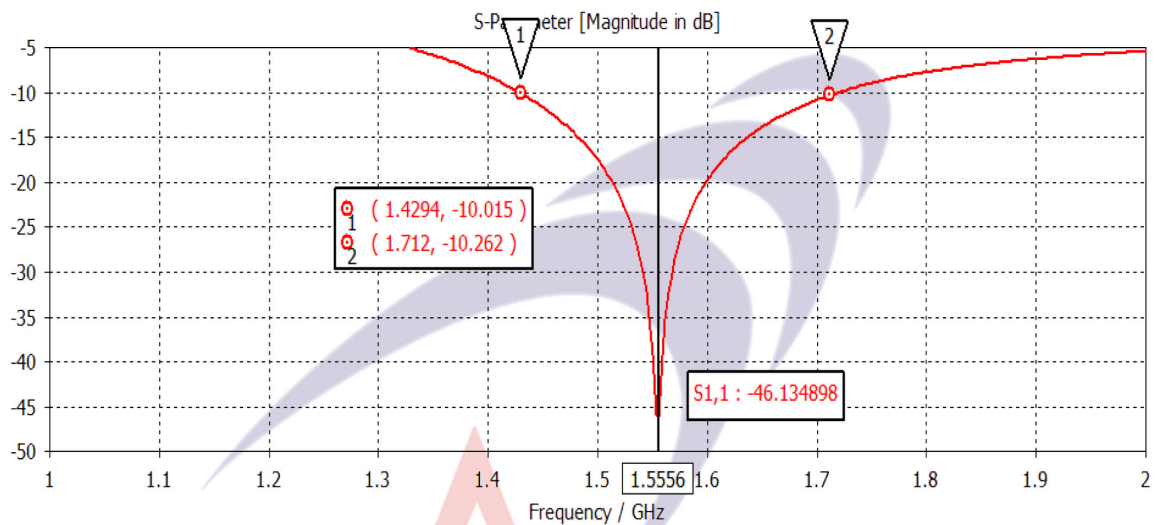
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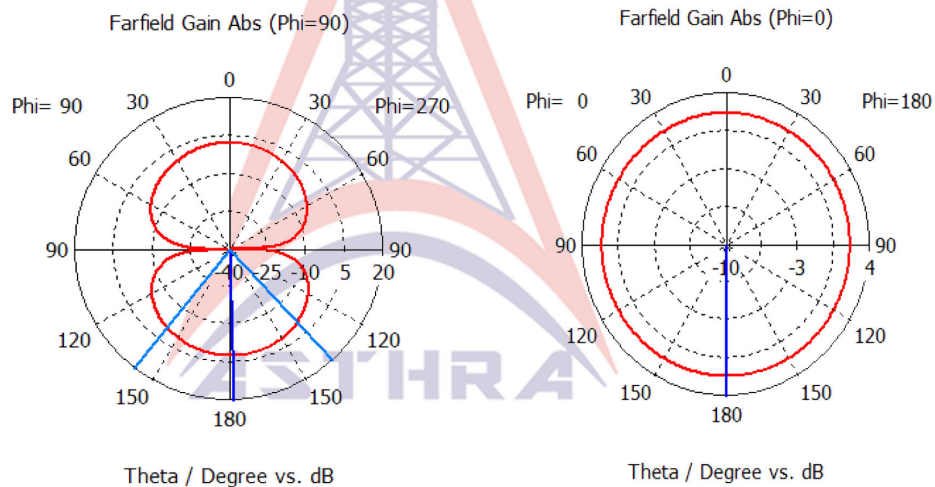
TECHNICAL DATA SHEET

20-25-0011-01A

Return loss



Radiation pattern:



Frequency = 1.575
 Main lobe magnitude = 2.14 dB
 Main lobe direction = 178.0 deg.
 Angular width (3 dB) = 80.4 deg.

Frequency = 1.575
 Main lobe magnitude = 2.13 dB
 Main lobe direction = 180.0 deg.

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