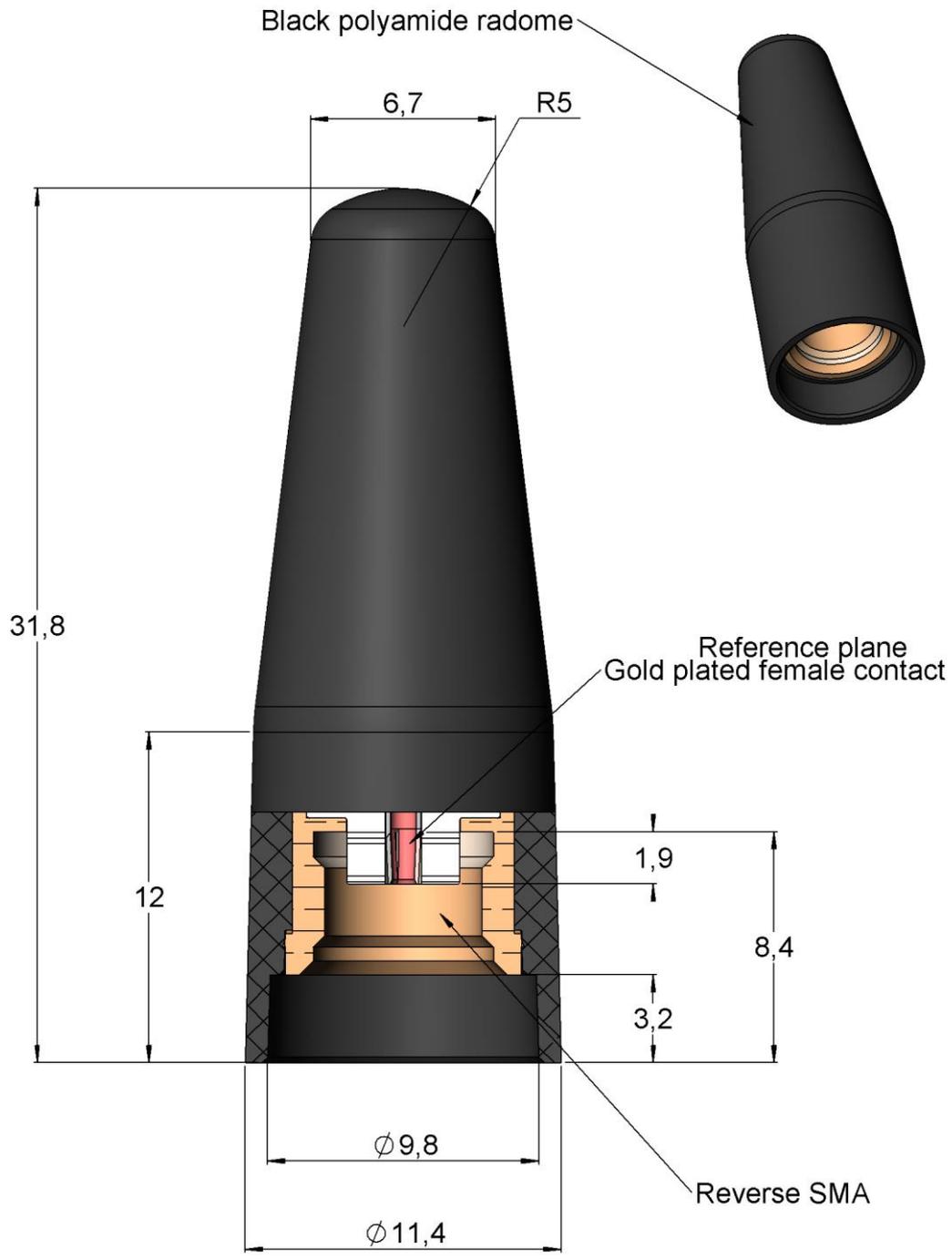


PAGE 1/5	ISSUE 26-11-15A	SERIES ANTENNA	PART NUMBER R380500150
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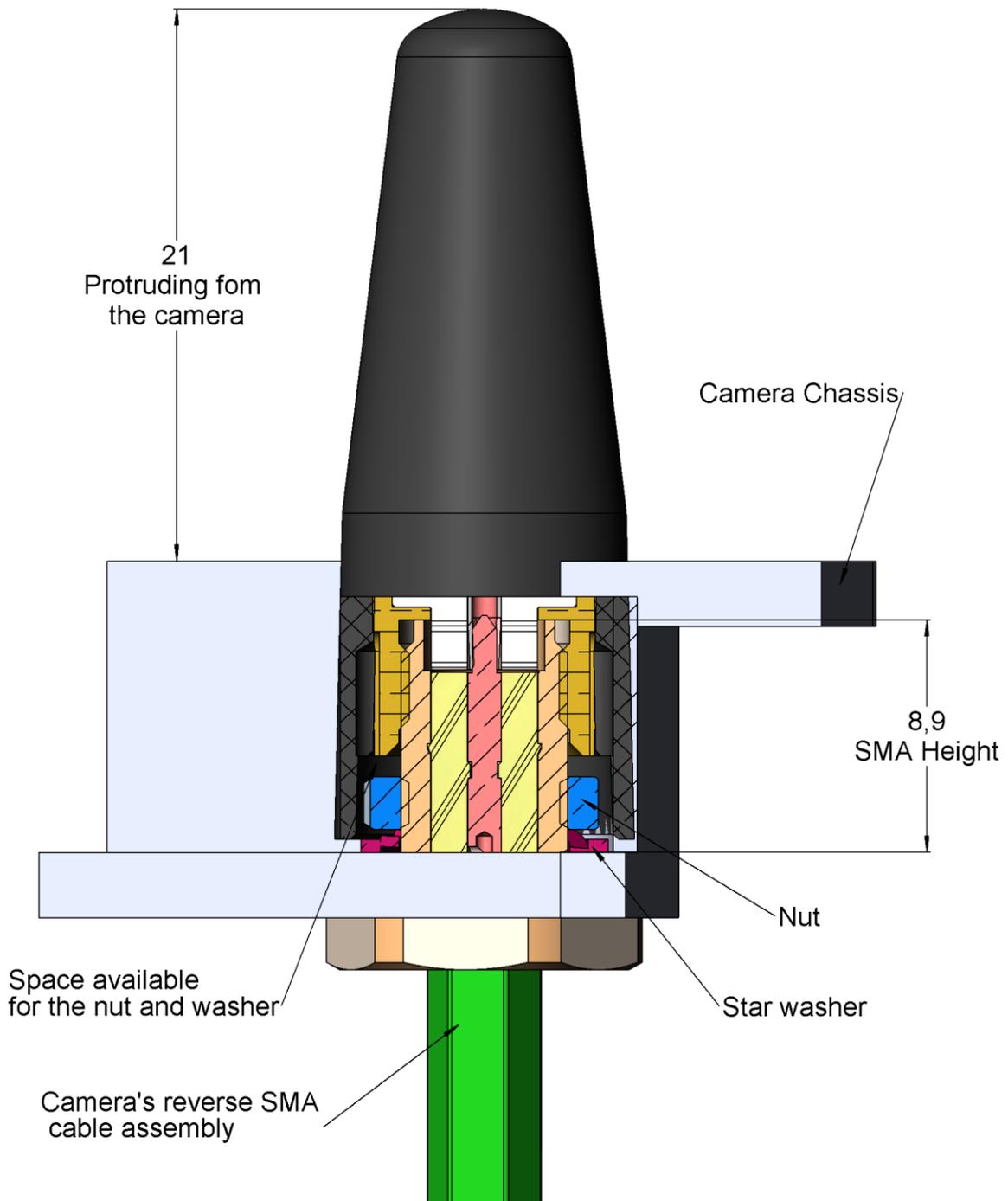


All dimensions are in mm

<b>CUSTOMER APPROVAL</b>	
Department or Company Stamp :	
Name :	
Date :	
Copy to Send Back to <b>RADIALL S.A. Before : 30/11/2015</b>	

PAGE 2/5	ISSUE 26-11-15A	SERIES ANTENNA	PART NUMBER R380500150
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ANTENNA INTEGRATED ON THE CAMERA



PAGE 3/5	ISSUE <b>26-11-15A</b>	SERIES <b>ANTENNA</b>	PART NUMBER <b>R380500150</b>
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**ELECTRICAL CHARACTERISTICS**

Frequency Range :	<b>2.4-2.5</b>	GHz
Nominal Impedance :	<b>50</b>	$\Omega$
VSWR <sup>(1)</sup> :	<b>2.5:1</b>	Max
Peak Gain <sup>(1)</sup> :	<b>0±1</b>	dBi
Radiation Pattern		
Horizontal Plane :	<b>Omni-directional</b>	
Vertical Plane :	<b>Dipolar</b>	
Polarization :	<b>VERTICAL</b>	
Power rating :	<b>5</b>	W max
Connector type :	<b>Reverse SMA Plug</b>	

*(1) Electrical Performance measured on Customer's Equipment.*

**MECHANICAL CHARACTERISTICS**

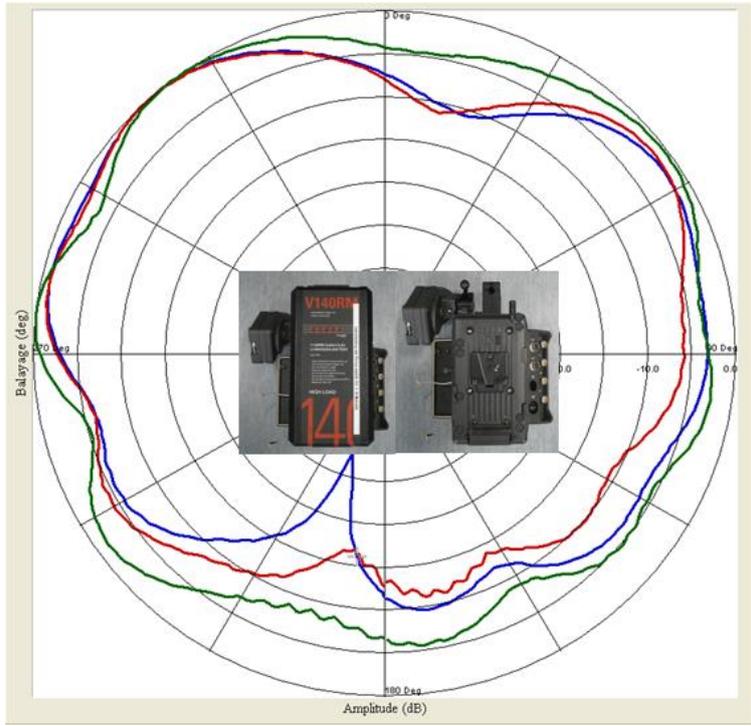
Radome :	
Material :	<b>Polycarbonate</b>
Color :	<b>BLACK</b>
General texture :	<b>Charmille 24-27</b>
Weight :	<b>≤10</b> g max
Overall dimensions :	<b>Ø11.5 x 32</b> mm

**ENVIRONMENTAL CHARACTERISTICS**

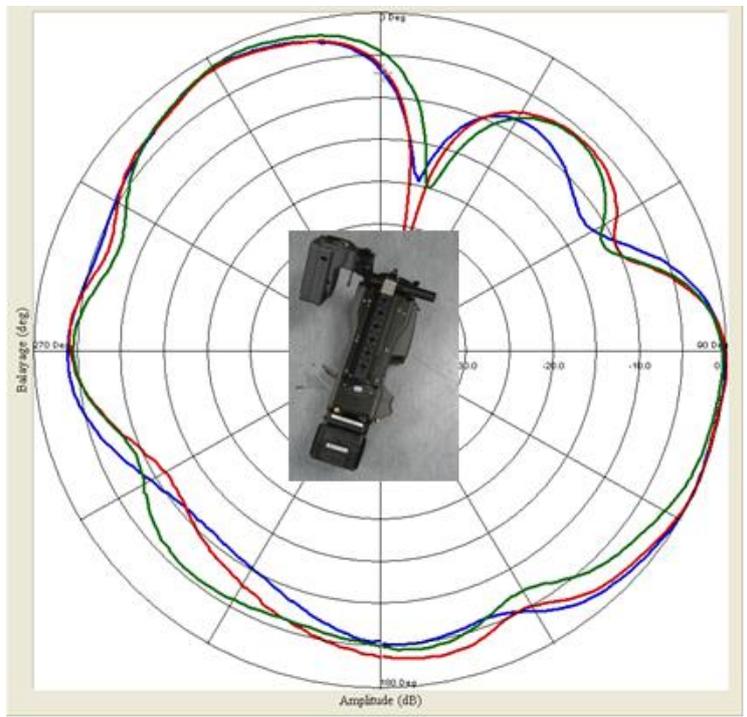
Operating temperature :	<b>-30/+70</b>	° C
Storage temperature :	<b>-40/+85</b>	° C
Ingress Protection (mated):	<b>IP 64</b>	

PAGE 4/5	ISSUE 26-11-15A	SERIES <b>ANTENNA</b>	PART NUMBER <b>R380500150</b>
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**RADIATION PATTERNS**



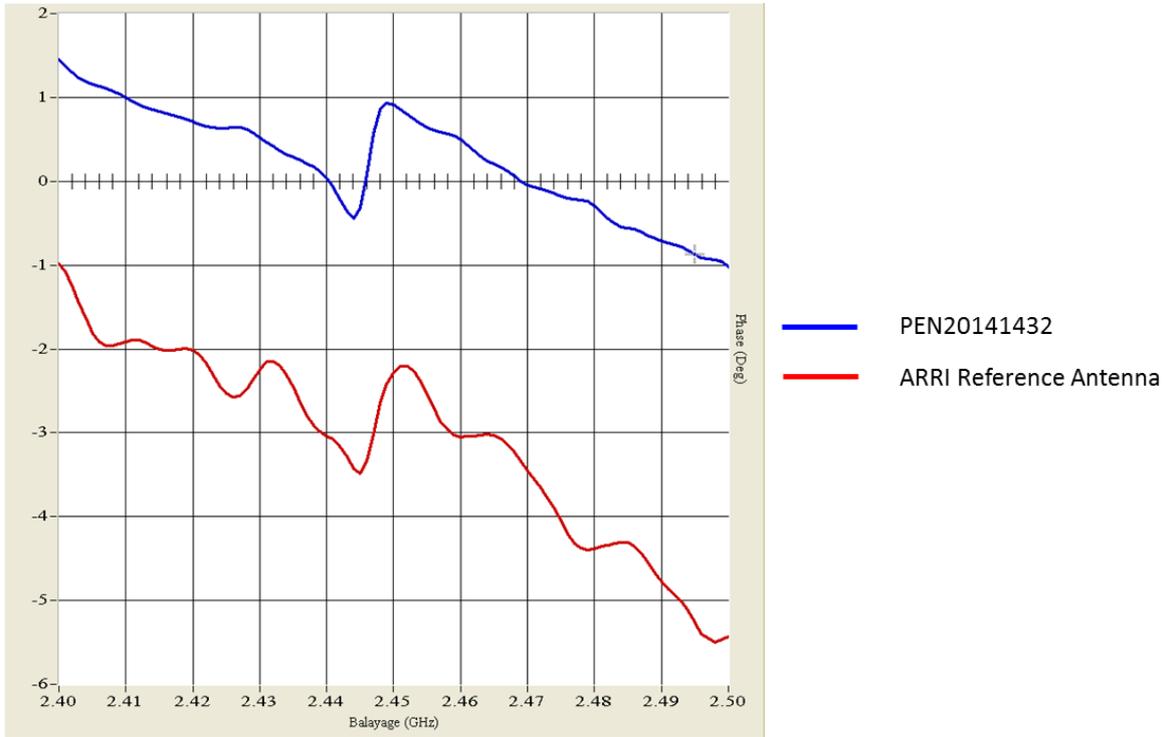
*Measured Elevation Patterns (Normalized Plots)*  
Blue: 2.4 GHz – Red: 2.45 GHz – Green: 2.5 GHz



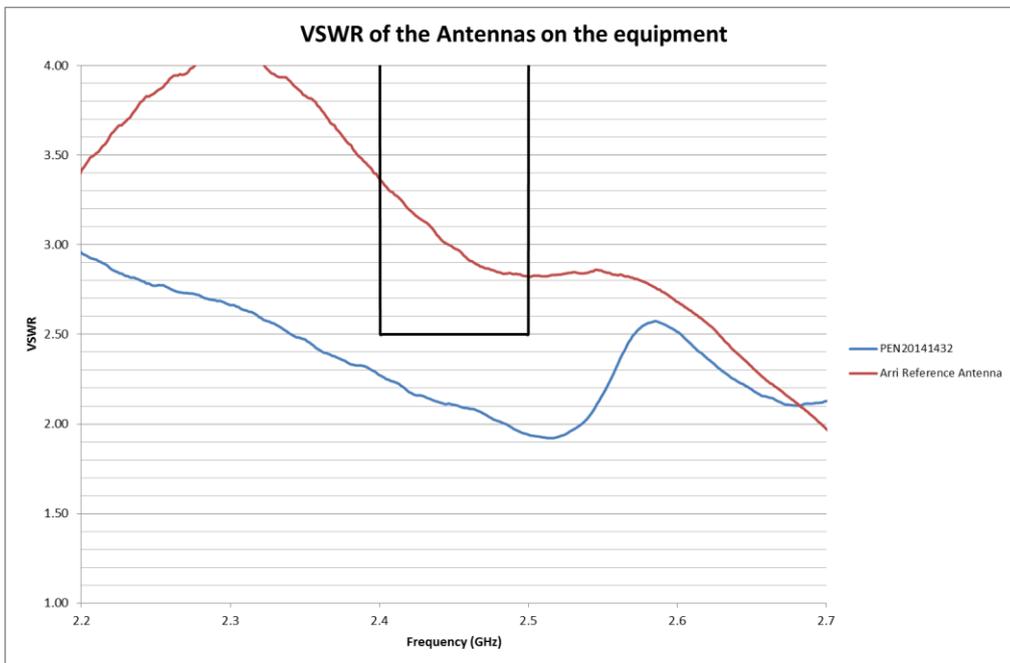
*Measured Azimut Patterns (Normalized Plots)*  
Blue: 2.4 GHz – Red: 2.45 GHz – Green: 2.5 GHz

PAGE 5/5	ISSUE 26-11-15A	SERIES ANTENNA	PART NUMBER R380500150
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**COMPARATIVE PLOTS**



Gain comparison between PEN20141432 and ARRI reference antenna on Camera Chassis



VSWR comparison between PEN20141432 and ARRI reference antenna on Camera Chassis