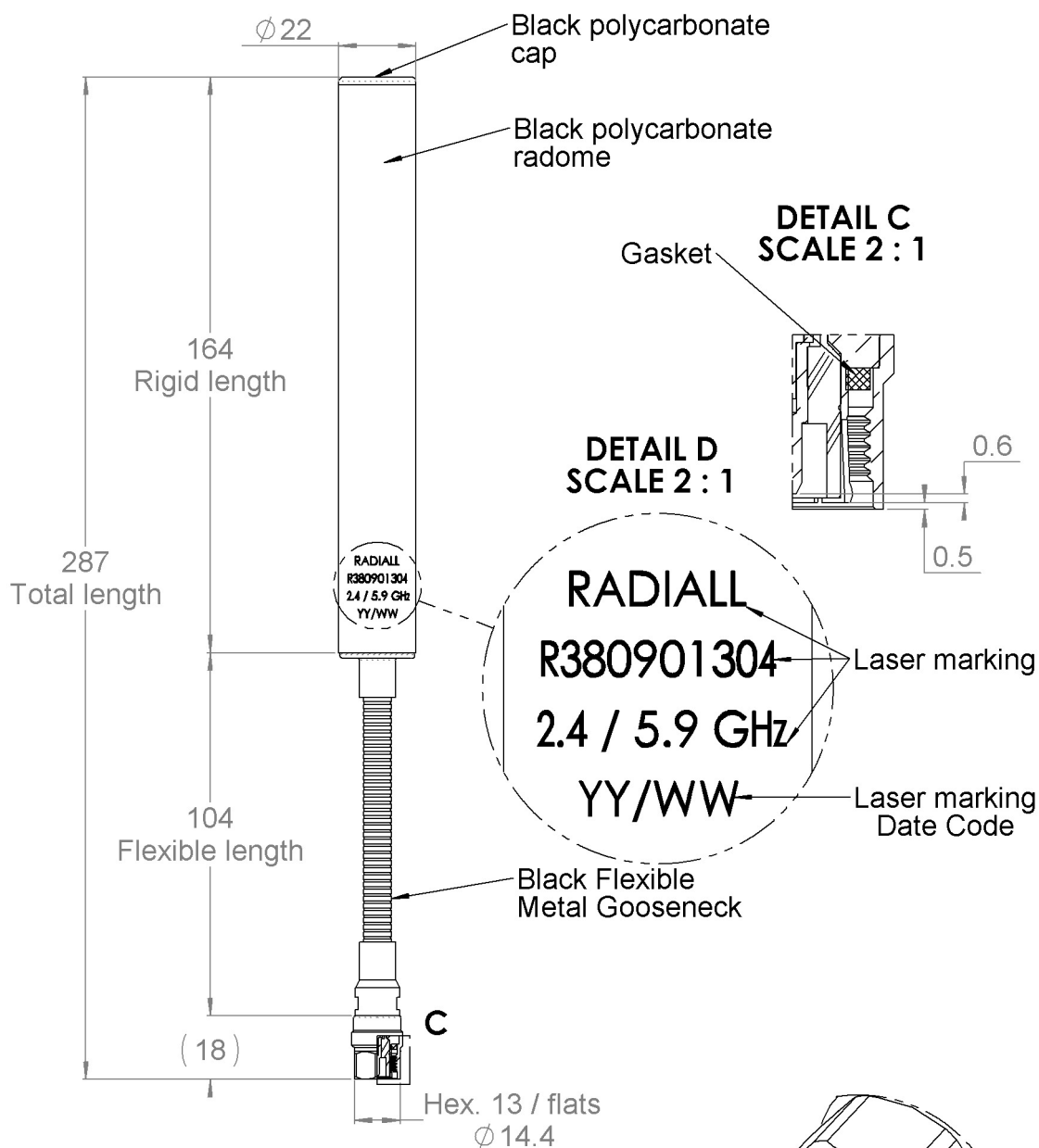


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**SCALE 1 : 2**



Black chromium TNC male connector with fixed coupling nut

**SCALE 2 : 1**

All dimensions are in mm. Tolerances according ISO 2768 m-H

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## ELECTRICAL CHARACTERISTICS

Frequency :	<b>2.4-2.5</b> <b>4.9-5.9</b>	GHz GHz
Nominal Impedance :	<b>50</b>	Ω
VSWR :	<b>2.5:1</b>	Typ.
Gain	2.4-2.5 GHz 4.9-5.9 GHz	<b>1.5</b> <b>4.5</b> dBi typ.
Radiation Pattern	Horizontal Plane : Vertical Plane :	<b>Omni-directional</b> <b>See patterns</b>
Polarization :	<b>LINEAR VERTICAL</b>	
Power rating :	<b>20</b>	W CW
Connector type :	<b>TNC plug (Male)</b>	Fixed coupling nut

## MECHANICAL CHARACTERISTICS

Antenna Color :	<b>BLACK MATTE</b>
Antenna Radome Material :	<b>PC</b>
TNC connector tightening torque for locking:	<b>3.4</b> N.m max
Weight :	<b>125</b> g max
Overall length :	<b>287</b> mm
Antenna Diameter :	<b>22</b> mm
Articulation (Gooseneck) :	<b>+/- 90° - 100 cycles</b>

## ENVIRONMENTAL CHARACTERISTICS

Operating temperature :	<b>-40/+71</b> ° C
Storage temperature :	<b>-55/+85</b> ° C
Immersion (mated to radio)	<b>1m, for 1h</b>
Transit drops	<b>26 drops / 1Kg</b>
<b>MIL-STD-810H Compliant</b>	

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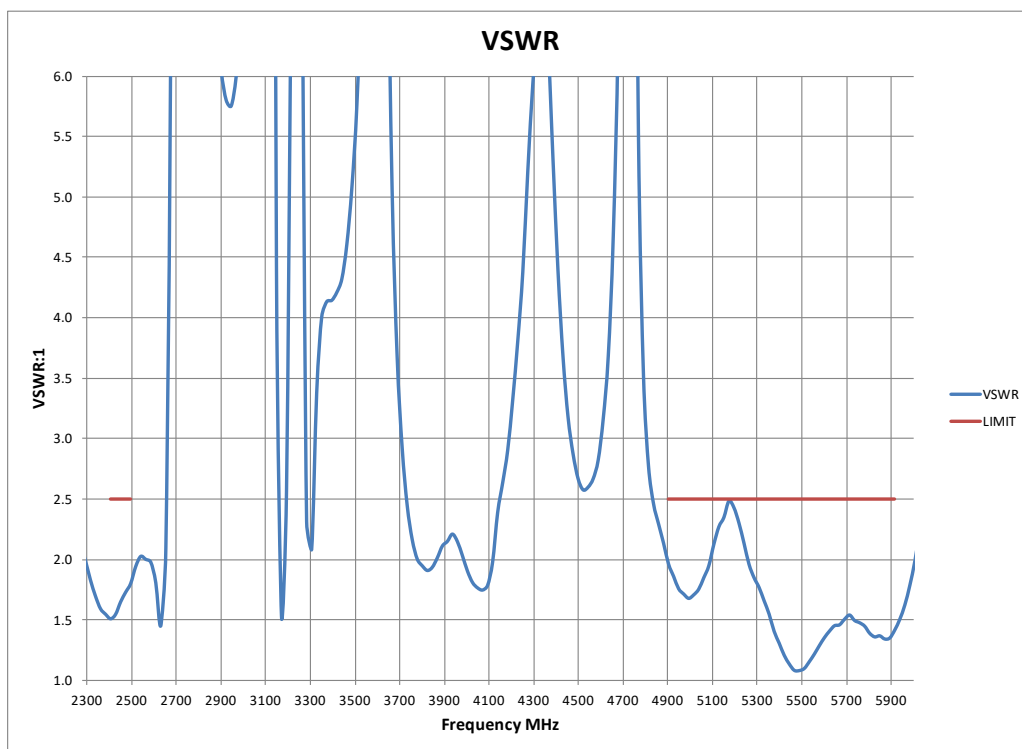


Figure 1: VSWR

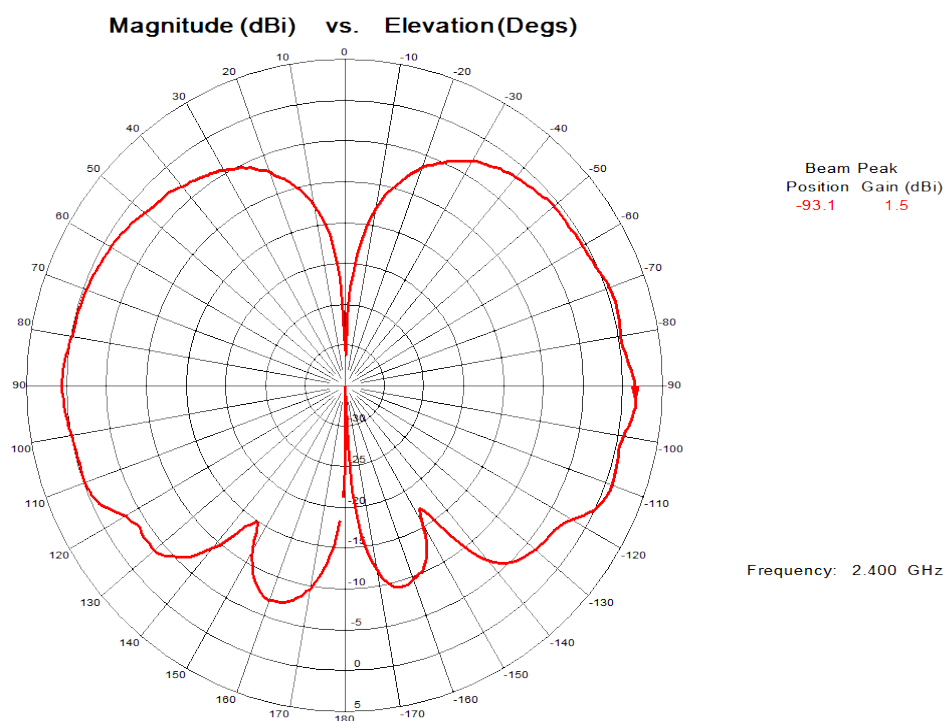


Figure 2: Vertical Radiation Pattern @ 2400 MHz

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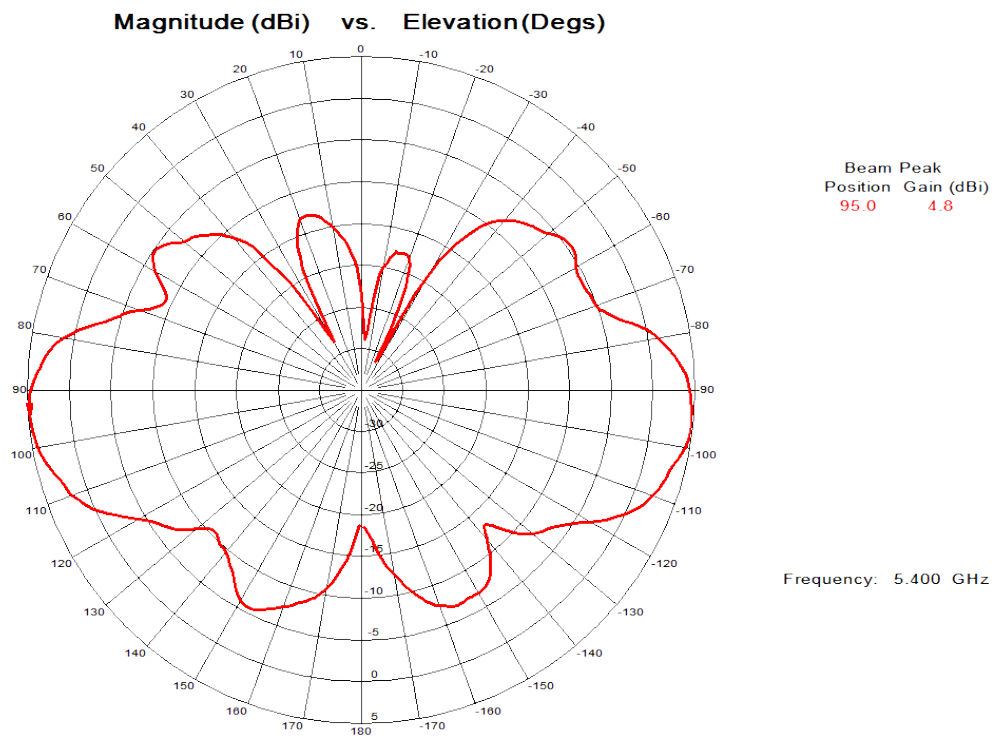


Figure 3: Vertical Radiation Pattern @ 5400 MHz