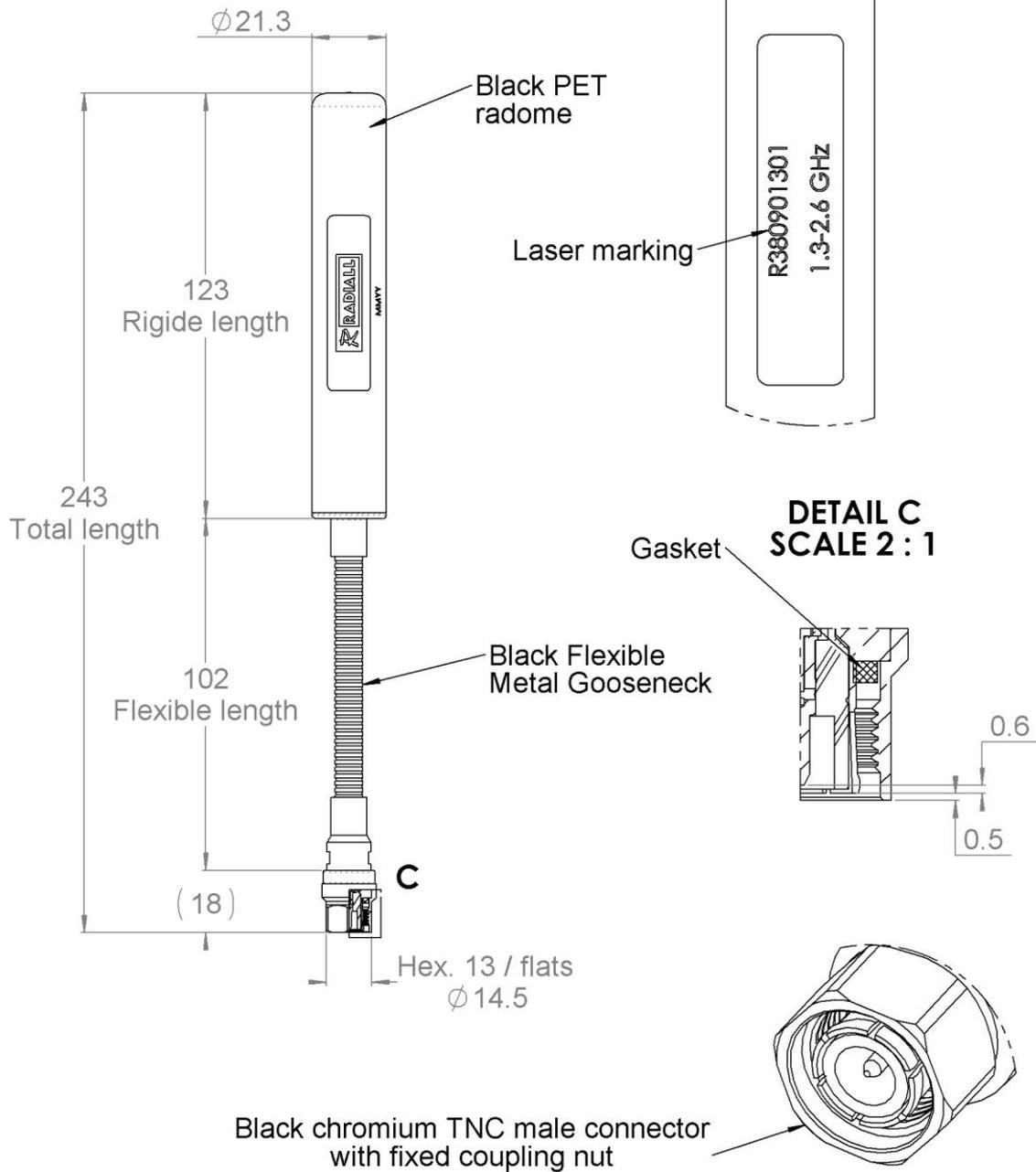


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SCALE 1 : 2

**SCALE 1 : 1
OPPOSITE MARKING**



SCALE 2 : 1

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

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ELECTRICAL CHARACTERISTICS

Frequency :	1.3-2.6	GHz
Nominal Impedance :	50	Ω
VSWR :	2.5:1	Typ.
Gain	1.5	dBi typ.
Radiation Pattern	Omni-directional See patterns	
Horizontal Plane :		
Vertical Plane :		
Polarization :	LINEAR VERTICAL	
Power rating :	10	W CW
Connector type :	TNC plug (Male)	Fixed coupling nut

MECHANICAL CHARACTERISTICS

Antenna Color :	BLACK MATTE	
Antenna Radome Material :	PET	
Articulation (Gooseneck) :	+/- 90° - 100 cycles	
Torsion (connector):	4.5	N.m max
Axial Pull	90	N max
Weight :	130	g max
Overall length :	243	mm
RoHS Compliant:	Yes	

ENVIRONMENTAL CHARACTERISTICS

Operating temperature :	-40/+85	° C
	IAW MIL-STD-810G Meth. 501.5 & 502.5, Proc. II	
Storage temperature :	-55/+85	° C
	IAW MIL-STD-810G Meth. 501.5 & 502.5, Proc. I	
Thermal Shocks	-40/+71	° C
	IAW MIL-STD-810G Meth. 503.5, Proc. I-C	
Immersion (mated to radio)	2m, for 2h	
	IAW MIL-STD-810G Meth. 512.5, Proc. I	
Solar Radiation :	IAW MIL-STD-810G Meth. 505.5, Proc. I Category A1	
Fungus	IAW MIL-STD-810G Meth. 508.6	
Salt Fog	96	h
	IAW MIL-STD-810G Meth. 509.5	
Vibration	Minimum Integrity IAW MIL-STD-810G Meth. 514.6, Cat. 24	
Transit drops	26 drops	
	IAW MIL-STD-810G, Meth. 516.6, Proc. IV	

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CURVES

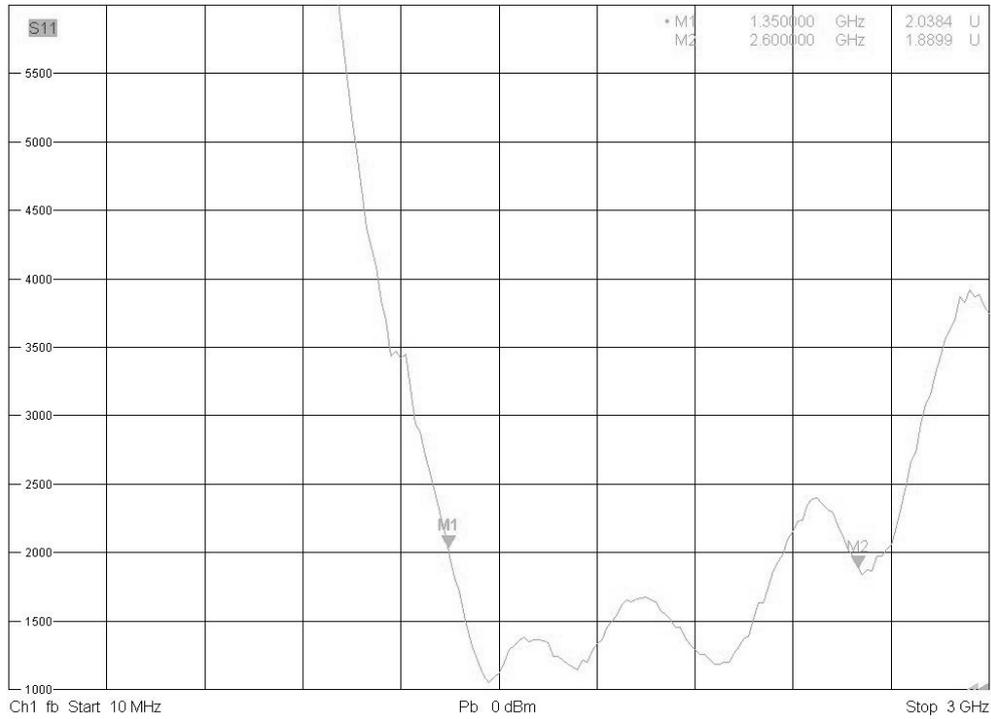


Figure 1: VSWR plot, Stand Alone Antenna

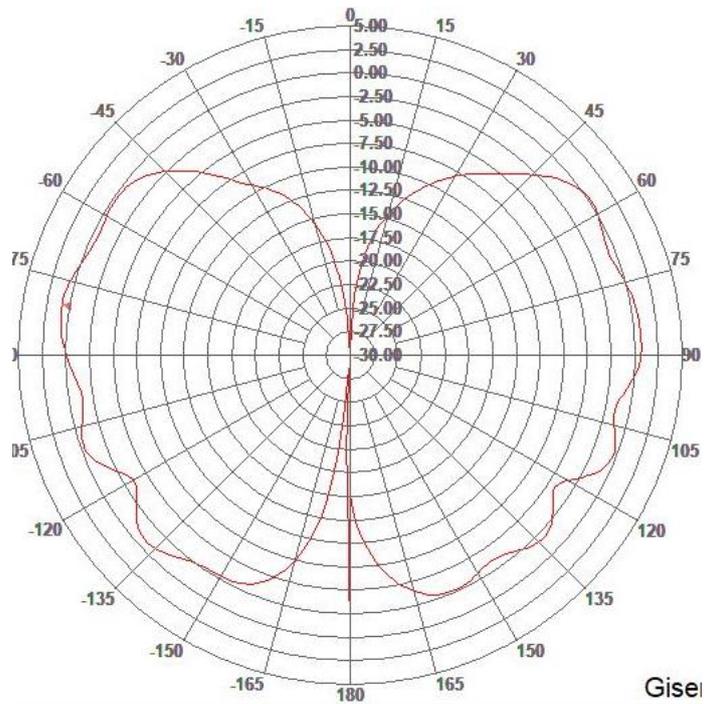


Figure 2: Elevation Pattern at 1300 MHz (dBi plot, Stand Alone Antenna)

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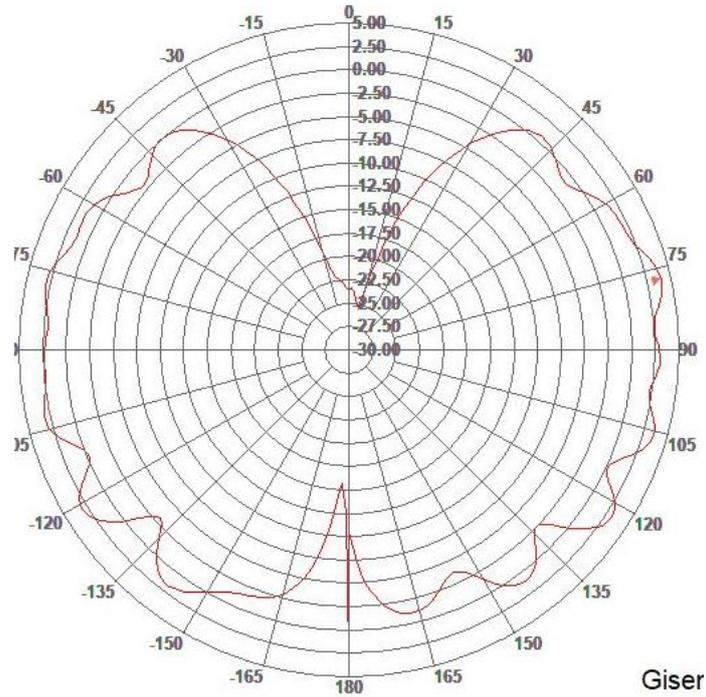


Figure 3: Elevation Pattern at 1600 MHz (dBi plot, Stand Alone Antenna)

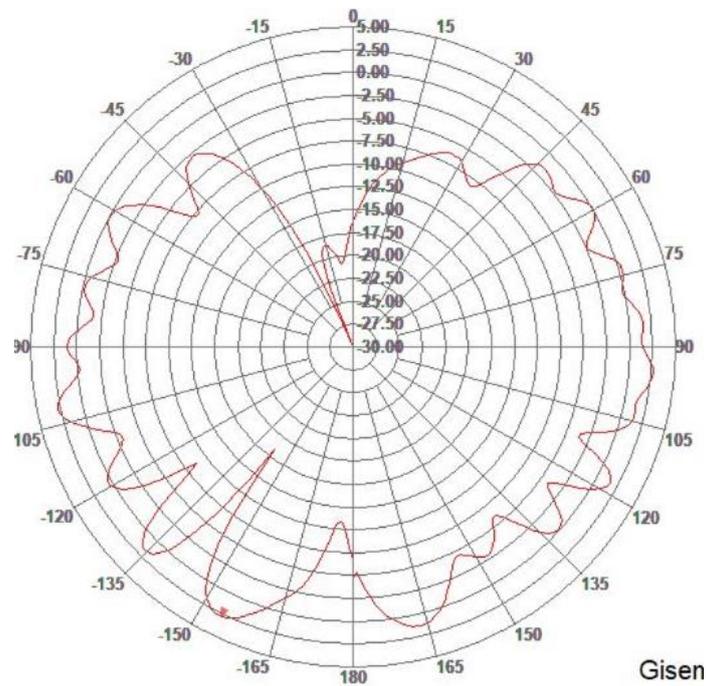


Figure 2: Elevation Pattern at 2000 MHz (dBi plot, Stand Alone Antenna)

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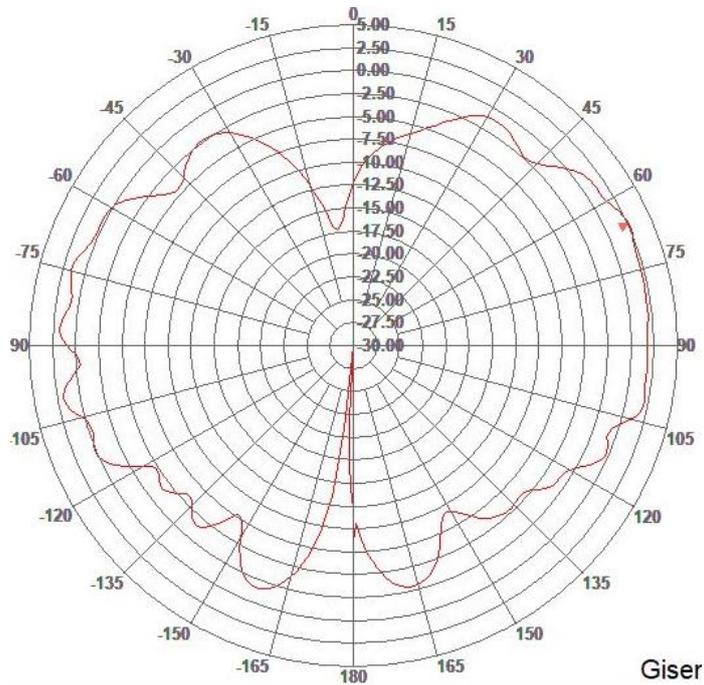


Figure 2: Elevation Pattern at 2600 MHz (dBi plot, Stand Alone Antenna)