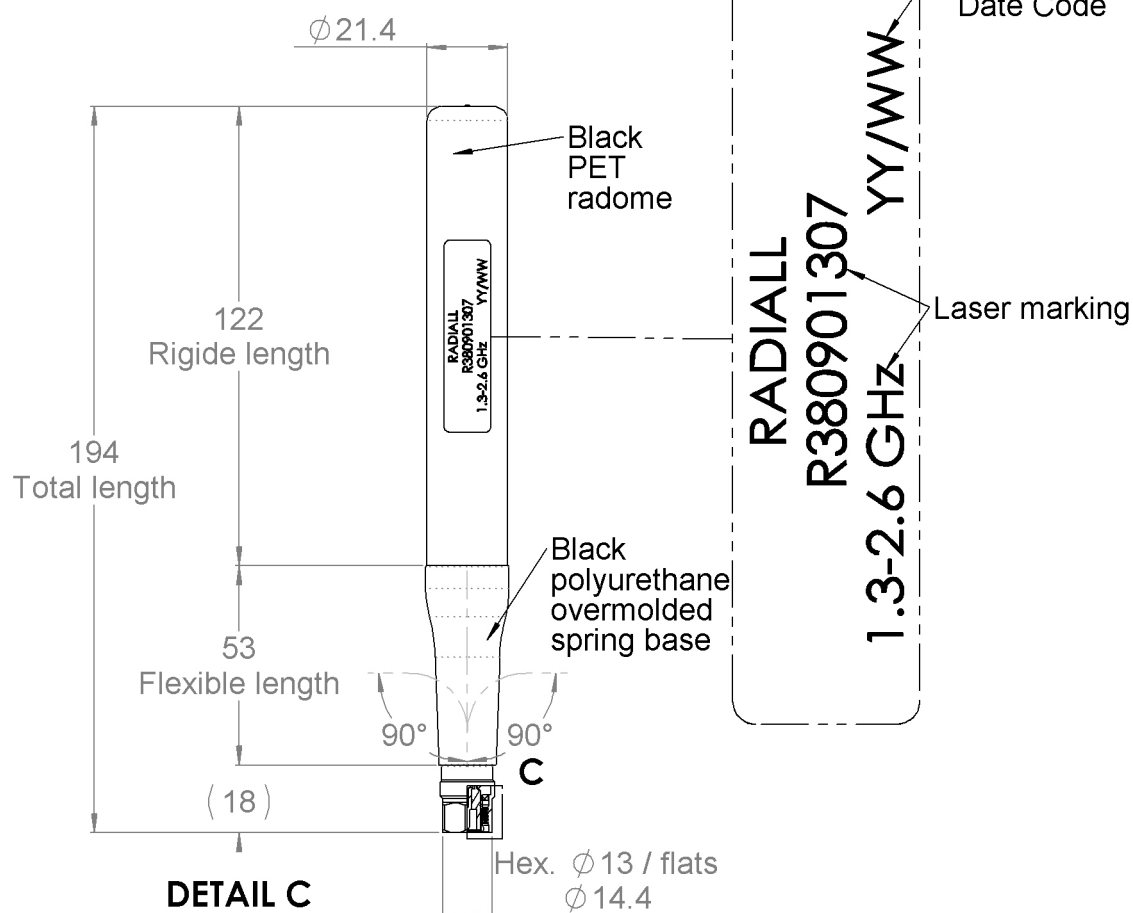


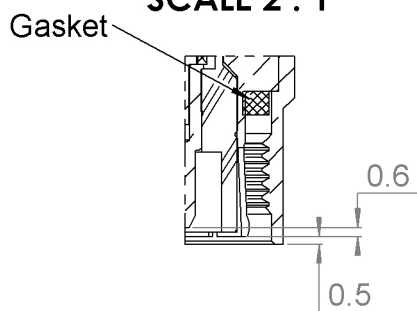
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SCALE 1 : 2

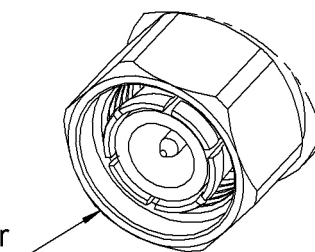
**DETAIL D
SCALE 2 : 1**



**DETAIL C
SCALE 2 : 1**



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 :	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 :	LINEAR VERTICAL	
Polarization :		
Power rating :	20	W CW
Connector type :	TNC plug (Male)	Fixed coupling nut

MECHANICAL CHARACTERISTICS

Antenna Color :	BLACK MATTE
Antenna Radome Material :	PC
TNC connector tightening torque for locking:	3.4 N.m max
Weight :	120 g max
Overall length :	194 mm
Antenna Diameter :	21.4 mm
Antenna flexibility *:	+/- 90°

ENVIRONMENTAL CHARACTERISTICS

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

* With good damping thanks to the elastomer overmolding.

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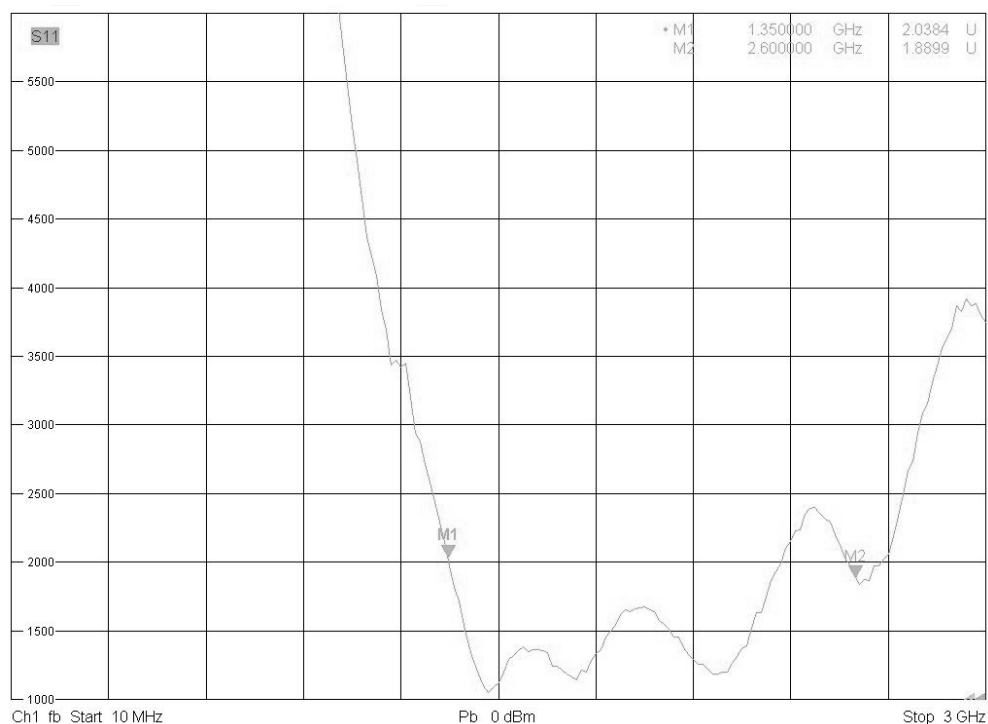


Figure 1: VSWR plot, Stand Alone Antenna)

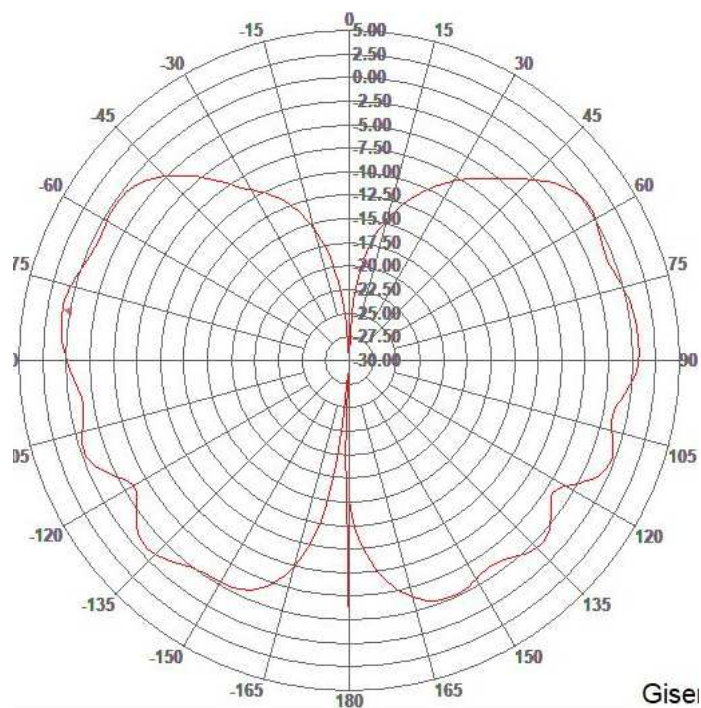


Figure 2: Elevation Pattern at 1300 MHz (dBi plot, Stand Alone Antenna)

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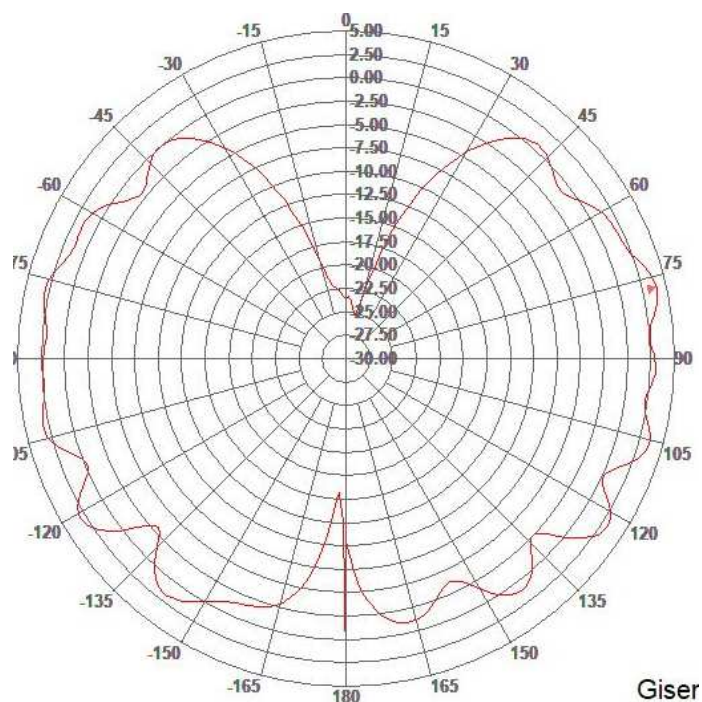


Figure 3: Elevation Pattern at 1600 MHz (dBi plot, Stand Alone Antenna)

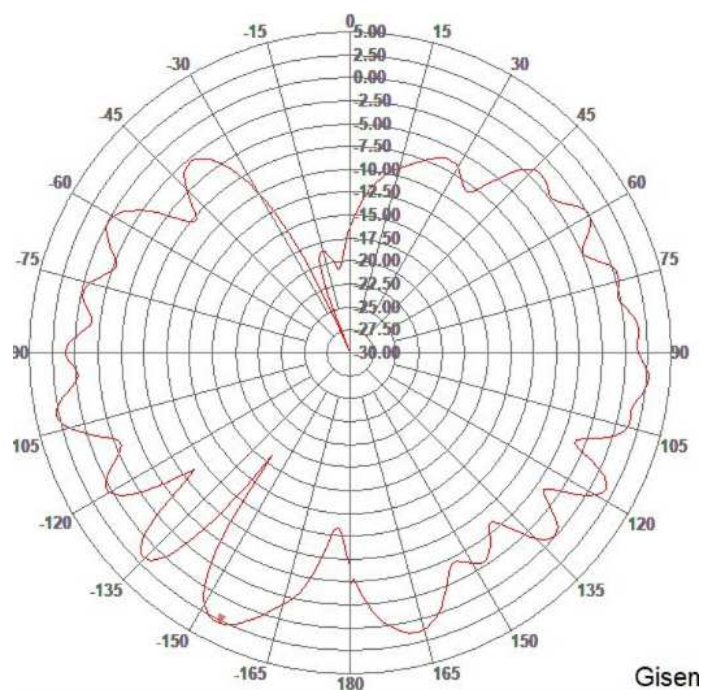


Figure 2: Elevation Pattern at 2000 MHz (dBi plot, Stand Alone Antenna)

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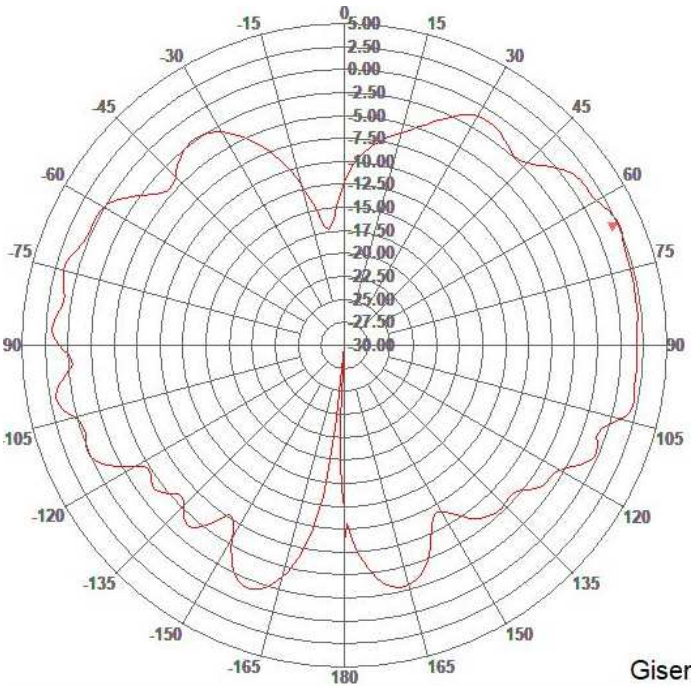


Figure 2: Elevation Pattern at 2600 MHz (dBi plot, Stand Alone Antenna)