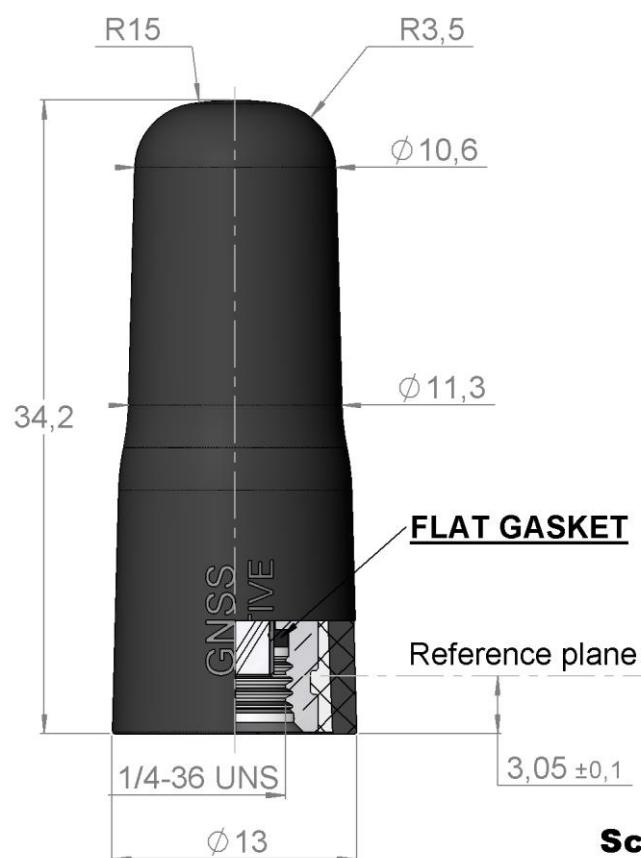
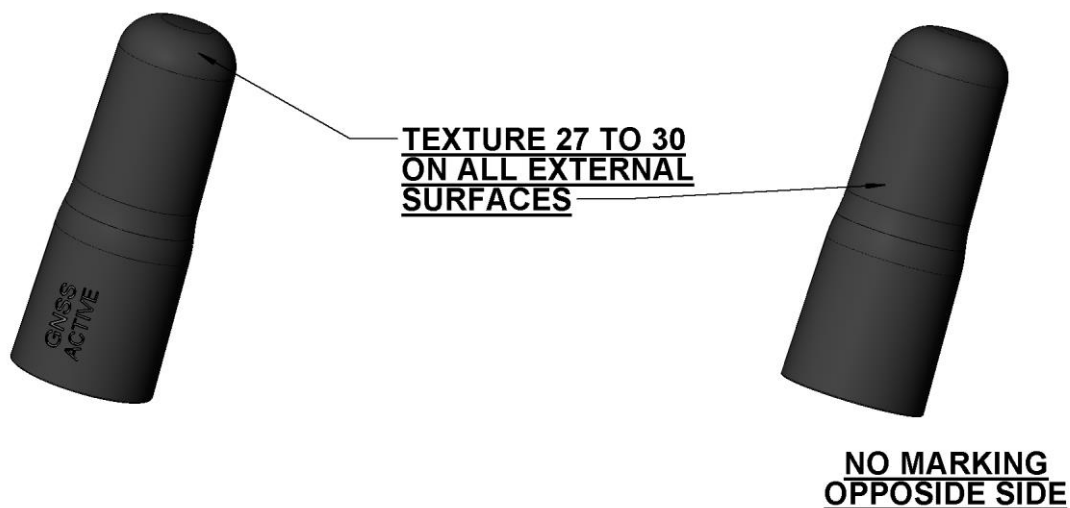


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Scale 3 : 2



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

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ELECTRICAL CHARACTERISTICS

Frequencies Range :	GALILEO E1 - GPS L1 (1559-1591) GLONASS (1597-1607)	MHz MHz
Nominal Impedance :	50	Ω
VSWR :	2.5:1	Typ.
Typical gain :	10	dBic
Radiation pattern:	Dipolar	
Polarization :	Linear vertical	
Connector type :	Male SMA	

MECHANICAL CHARACTERISTICS

Antenna color :	BLACK
Radome material :	Polyamide
Radome texture :	Charmille 27-30
Overall length :	34.2 mm
Weight	5,65 g

ENVIRONMENTAL CHARACTERISTICS

Operating temperature :	-40/+71	° C
	MIL-STD-810G, Methods 501.5 & 502.5, Proc. II	
Storage temperature :	-40/+85	° C
	MIL-STD-810G, Methods 501.5 & 502.5, Proc. I	
Humidity (Non-condensing) :	95%	Relative Humidity
	Through Op. Temp range MIL-STD-810G, Meth 507.5	
	Proc. II	
Immersion (mated)	1	m
	2	Hours
Solar Radiation	MIL-STD-810G, Meth 505.5, Procedures II	1120 W/m ²
Salt Fog	MIL-STD-810G, Meth 509.5	
	4 x 24 h	

ELECTRICAL PERFORMANCES

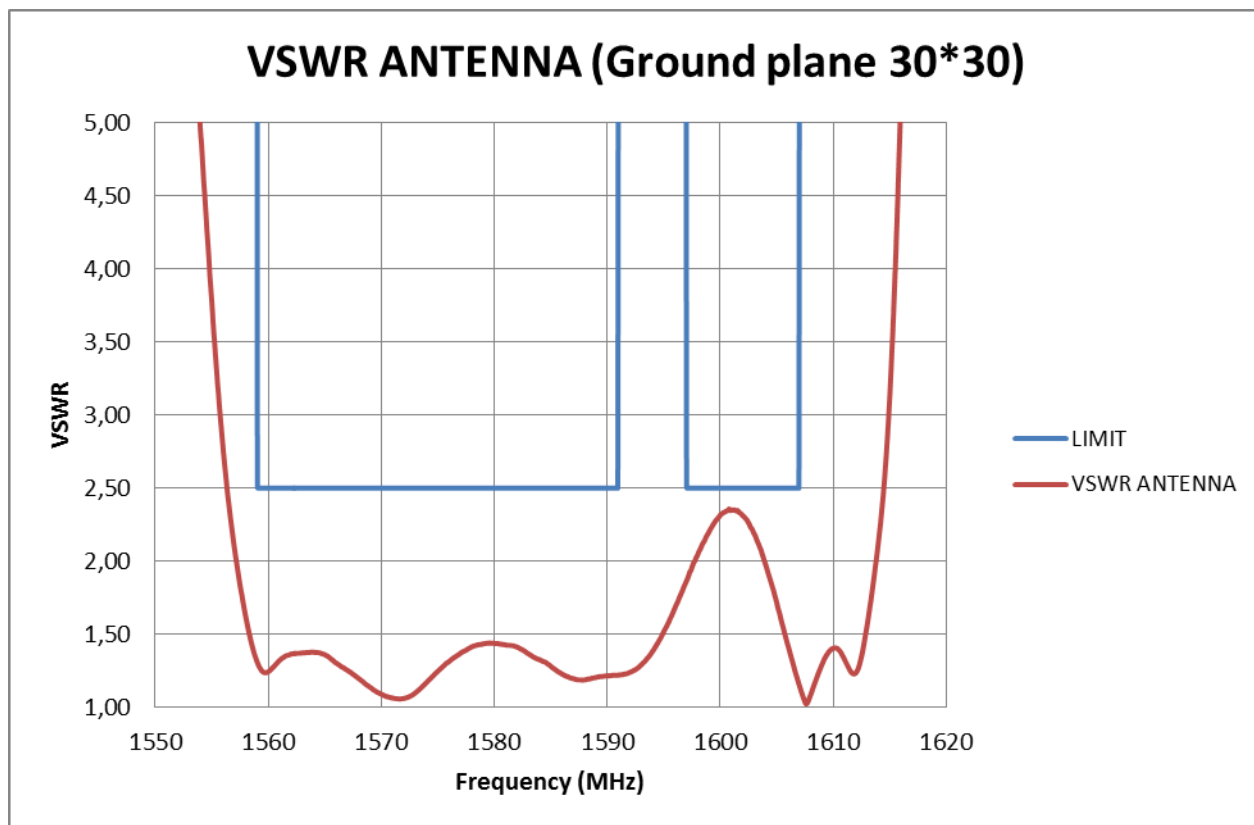


Figure 1: VSWR

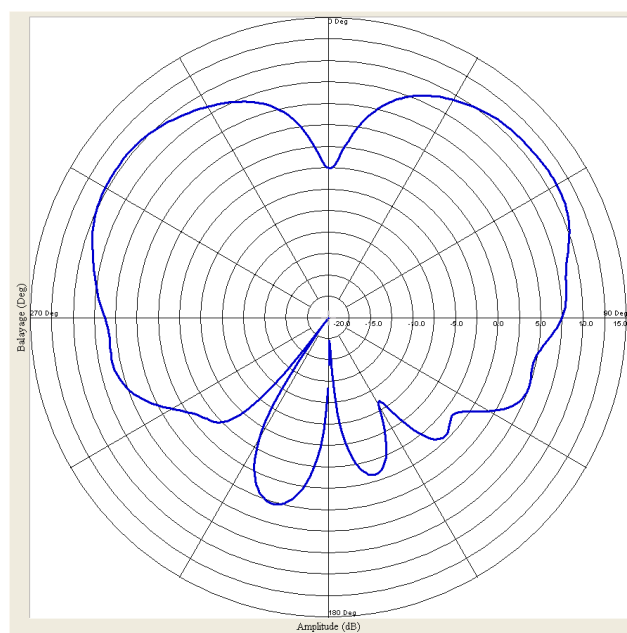


Figure 2: Radiation pattern on ground plane at 1575 MHz (RHCP)