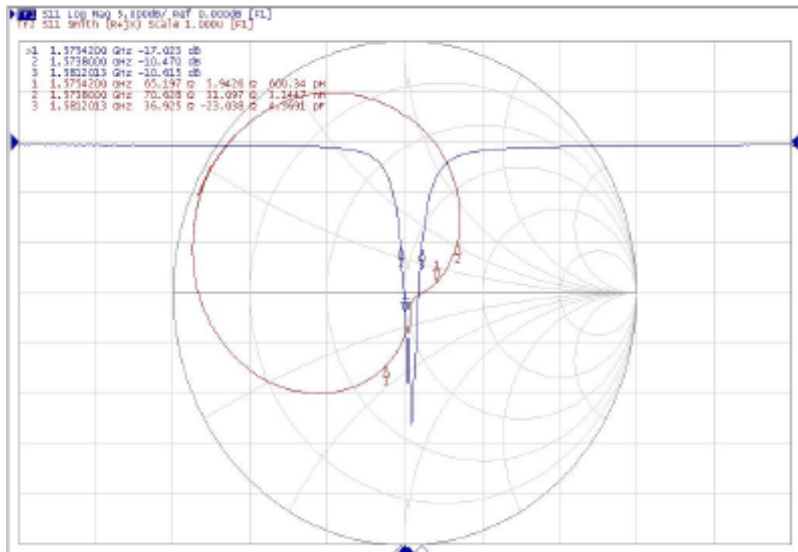


TECHNICAL DRAWINGS

Frequency	1575.42MHz (+/- 1.023MHz)
Centre Frequency	1575MHz (+/- 3MHz)
Bandwidth @ 10dB Return Loss	>4MHz
Impedance	50Ω
Gain at 10° Elevation	- 4.0dBic (typ.)
Gain @ Zenith	+ 2dBic (typ.)
Polarisation	RHCP
Axial Ratio (mm GP)	3dB (max.)
Ground Plane	Electrical data based on 27mm x 27mm
VSWR	1.5 Maximum
Frequency Temperature Coefficient	+ / - 20 PPM / °c
Operational Temperature	-40°c to +85°c

TECHNICAL SPECIFICATION



SMITH CHART



PRODUCT PICTURES

The bloomice GPSCP-15-15-4 Ceramic Patch is an ROHS compliant halogen free 15mm x 15mm x 4mm antenna mounted and secured with a single pin and a two sided self adhesive fixing patch.

The bloomice GPSCP-15-15-4 has a compact 15mm x 15mm footprint and 4mm depth making it an ideal choice for embedding within any stationary GPS device or for coupling with an external LNA.

Our technical team are able to tune the GPSCP-15-15-4 patch to suit specific custom environments (please contact us for more information).

The superb performance characteristics of the bloomice GPSCP-15-15-4 Ceramic Patch antenna make it an ideal choice for many embedded and M2M applications where guaranteed reliability is essential.

PRODUCT FEATURES