

ERF4027, GPS/GLONASS Antenna, U.FL connector

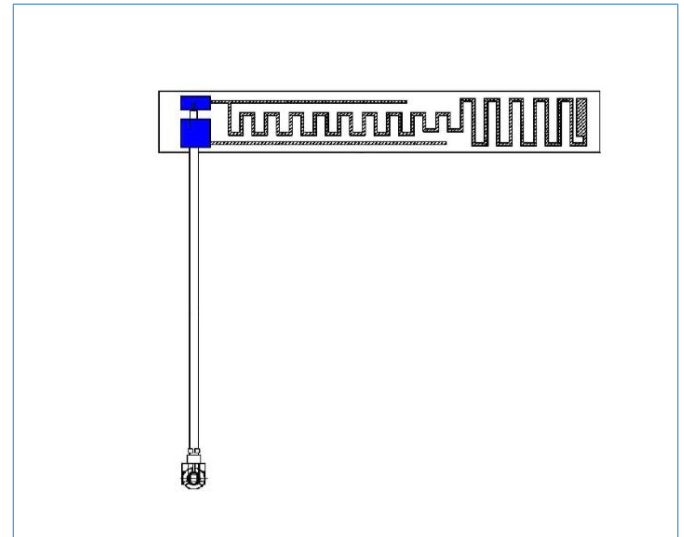
**Features**

**Electrical Properties**

Parameter:	Description
Frequency Band:	1575.42 MHz
Nominal Impedance:	50 Ω
Polarization:	Vertical
V.S.W.R:	2.0

**Mechanical Properties**

Parameter:	Description
Antenna Type:	Internal Antenna
Mounting Method:	Adhesive
Connector Type:	U.FL
PCB Dimensions:	56 * 8 mm ± 0.1
Cable Length:	100 mm ±1
Cable Type:	1.13 COAX
Operating Temperature Range:	-20°C~+60°C
Storage Temperature Range:	-30°C~+70°C



**Typical applications**

- M2M
- GPS/GLONASS

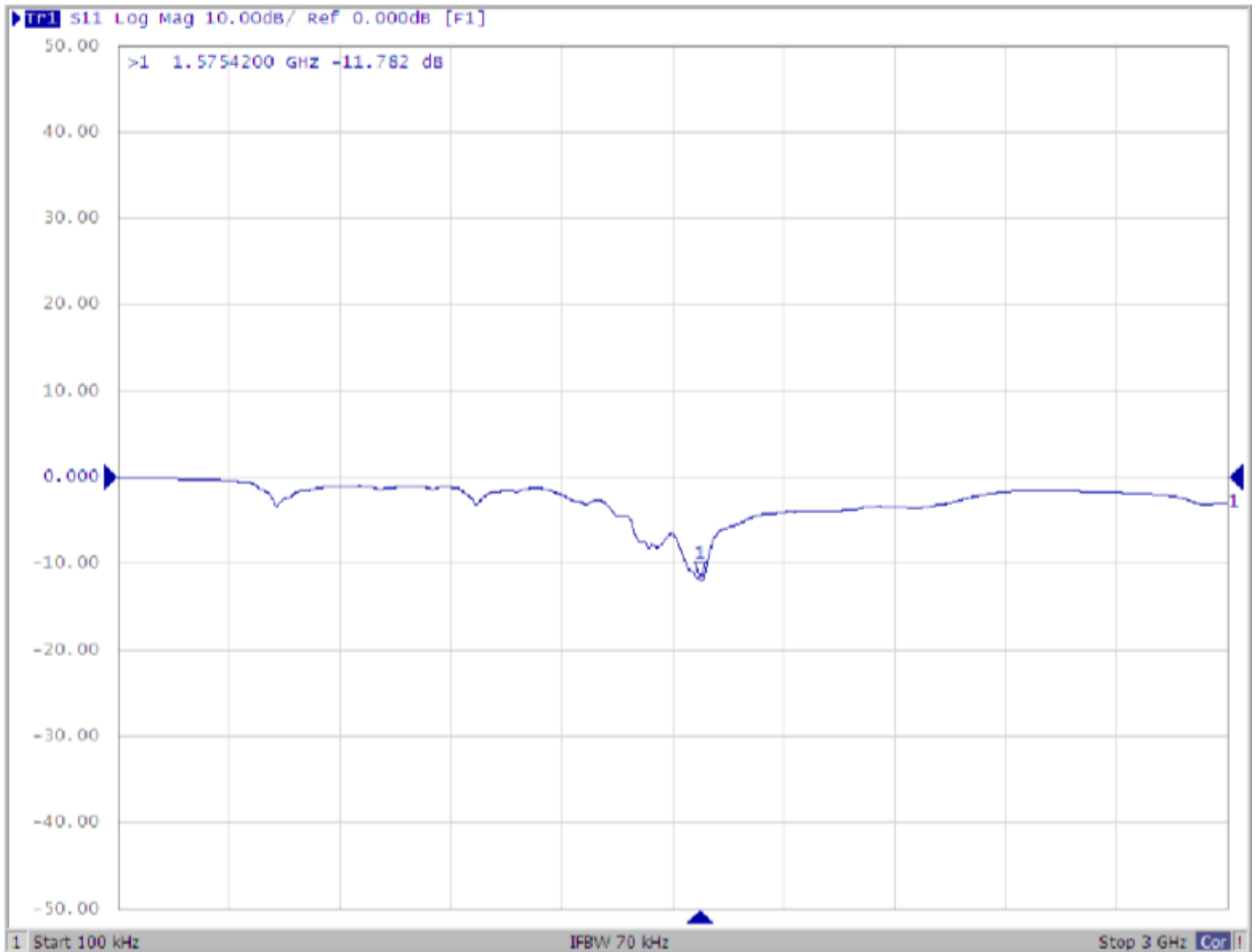
**Description**

The ERF4027 is an internal GPS/GLONASS antenna with 10 cm cable and U.FL connector. The antenna can be used for applications such as, M2M, GPS and GLONASS.

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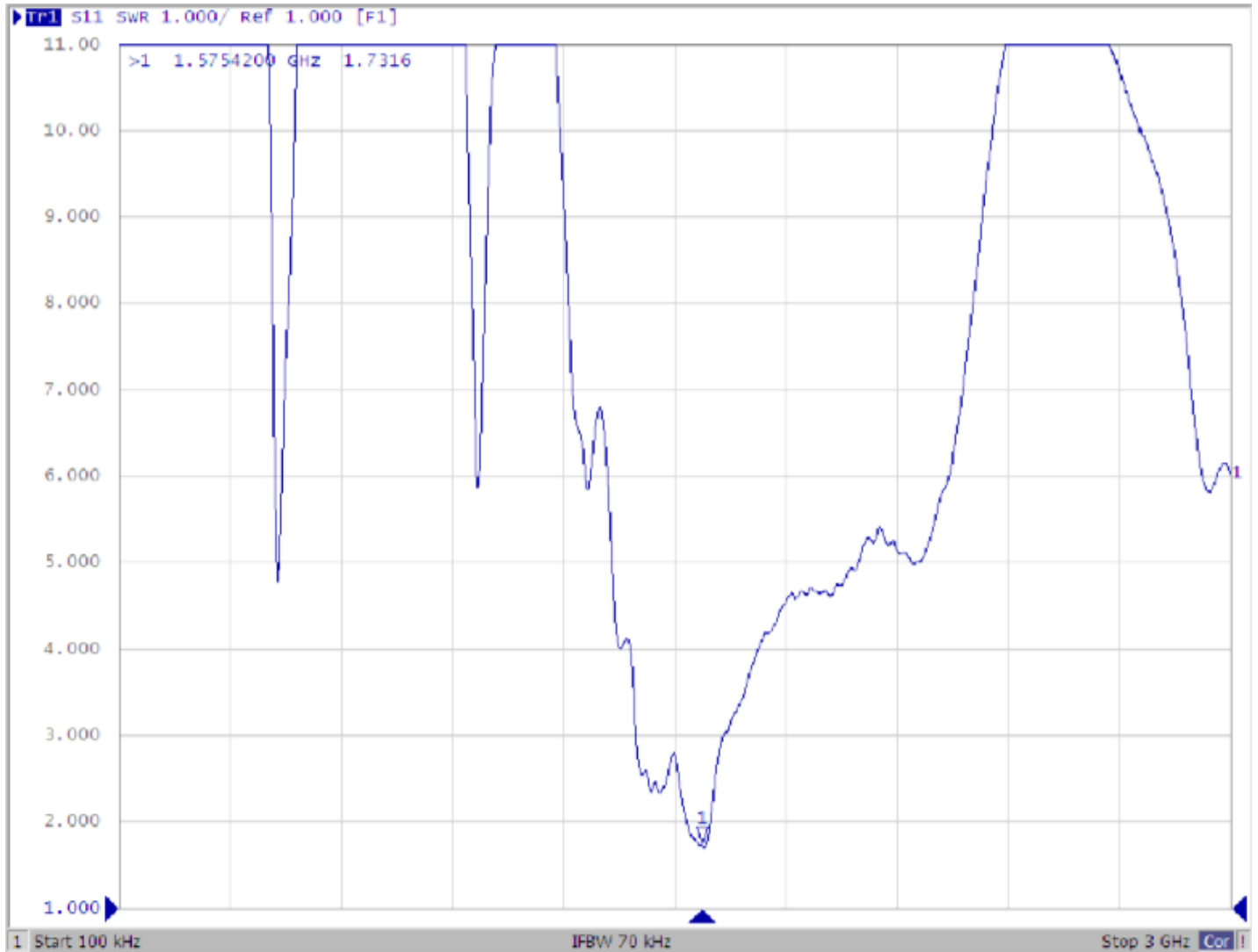
Antenna Properties

Return Loss



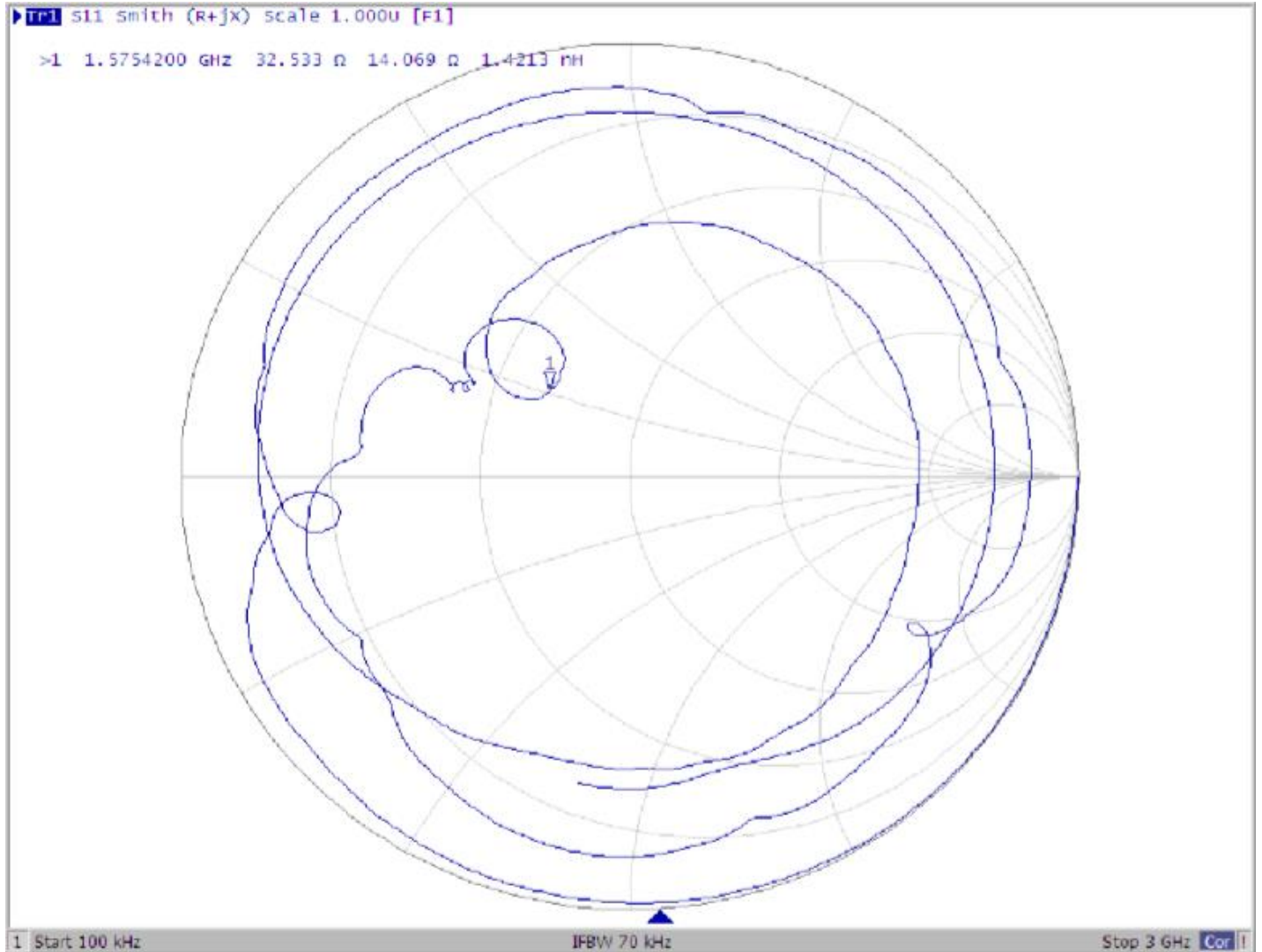
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Forward Loss

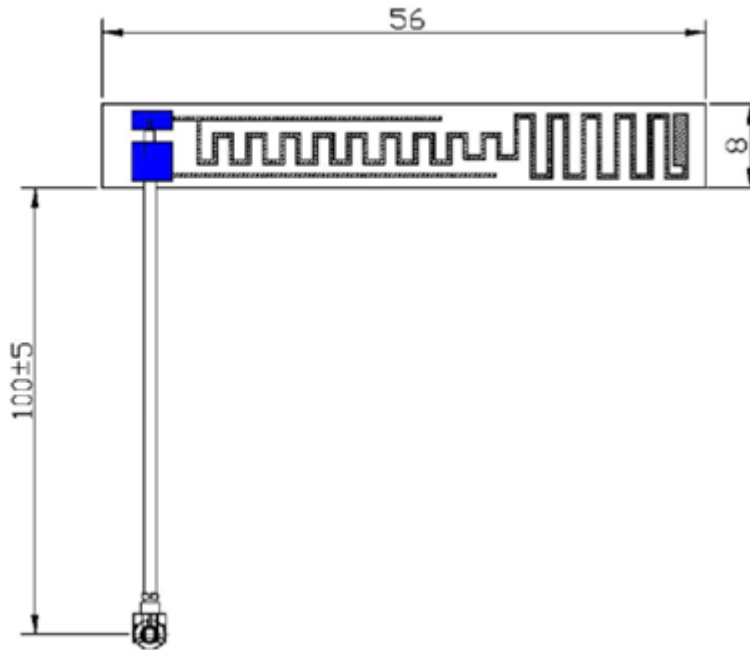


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Impedance



## ERF4027, GPS/GLONASS Antenna, U.FL connector

**Dimensions**

\*Unit: mm

**Connector**

The ERF4027 antenna uses an U.FL connector.

**Ordering information**

Ordering can be done via [www.summit-electronics.com](http://www.summit-electronics.com) or via [info@summit-electronics.com](mailto:info@summit-electronics.com). Please contact us for more information. Customisation of the product is available on request.

**Technical support**

For all product questions please contact us via [info@summit-electronics.com](mailto:info@summit-electronics.com)