

ERF4033, GSM/GPS Antenna, 1 x Male & 1 x Female SMA connector

Features

Electrical Properties

Parameter:	Description
Frequency Band:	GSM / GPS
Nominal Impedance:	50 Ω
Polarization:	Vertical
V.S.W.R:	2.0



Mechanical Properties

Parameter:	Description
Antenna Type:	External Antenna
Mounting Method:	Screw Type
Connector Type:	1 x SMA Male & 1 x SMA Female
Cable Length:	300 cm ± 5
Cable Type:	RG-174 A/U
Antenna Dimensions:	52.5 mm ± 0.1
Operating Temperature Range:	-20°C~+60°C
Storage Temperature Range:	-30°C~+70°C

Typical applications

- M2M
- GSM/GPRS
- GPS/GLONASS

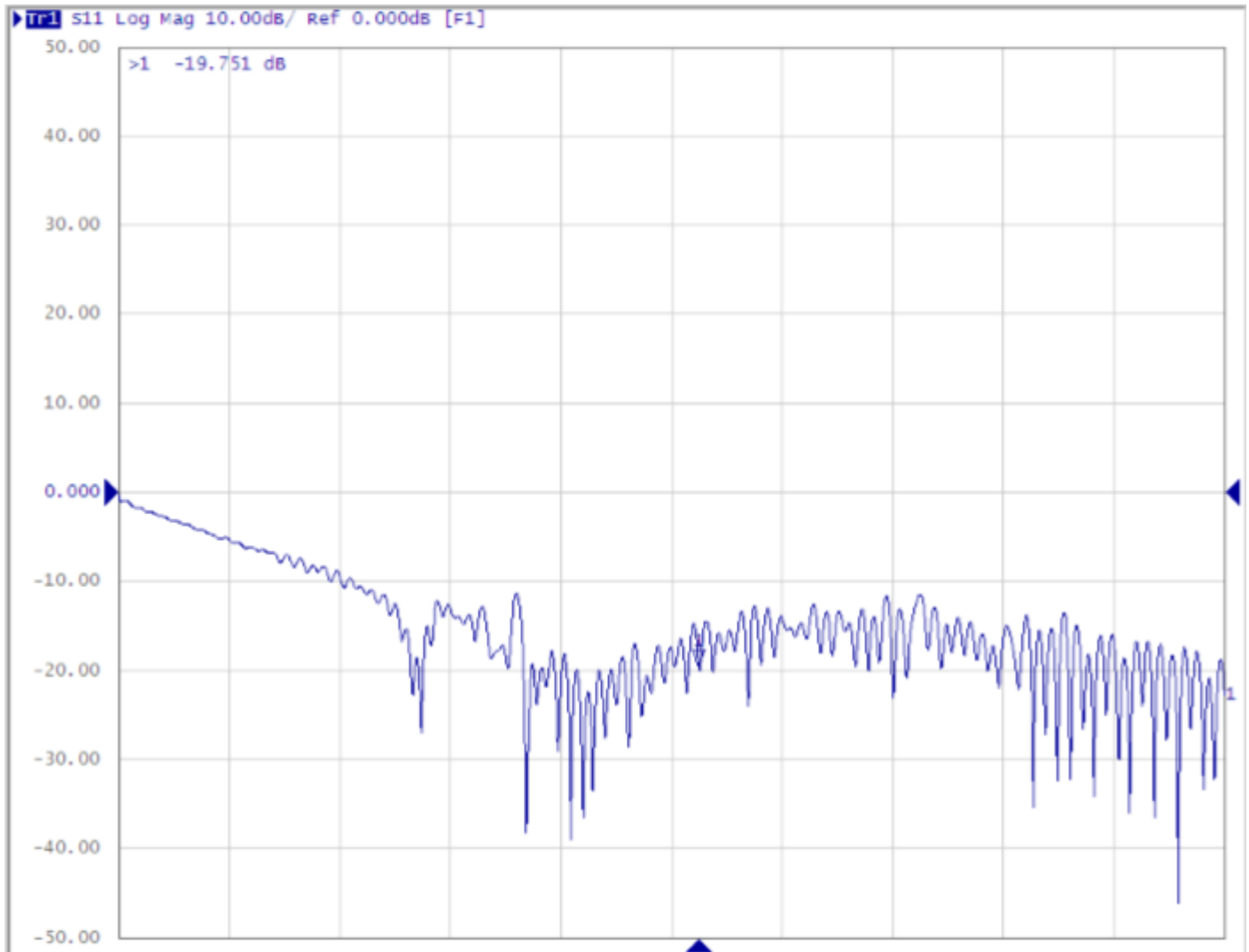
Description

The ERF4032 is a black GSM/GPS antenna with 1 x SMA male and 1 x SMA female connector. The antenna can also be used in the 868MHz frequency band. The antenna can be used for applications such as, M2M, GSM/GPRS, LoRa, Zigbee and GPS/GLONASS.

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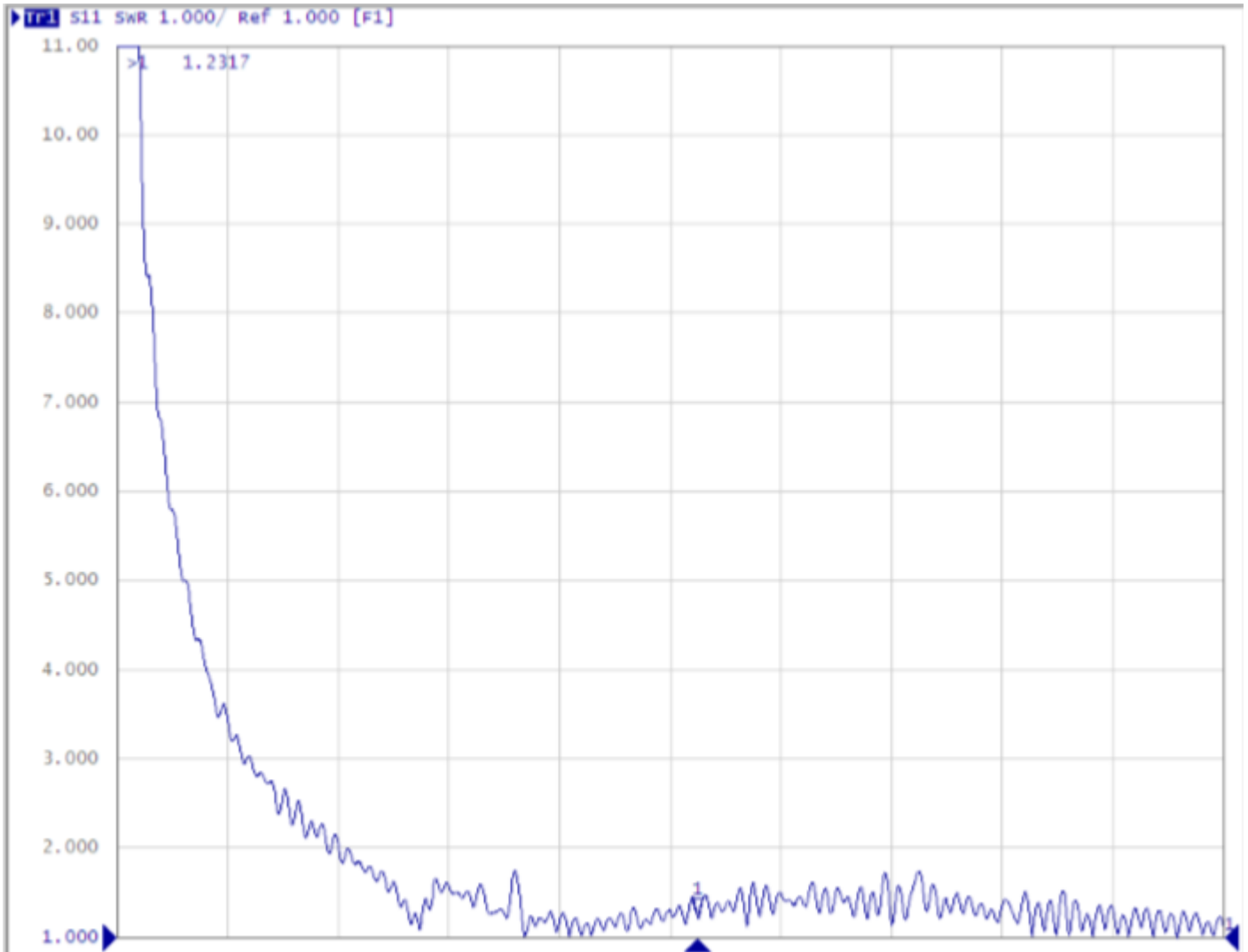
Antenna Properties

Return Loss



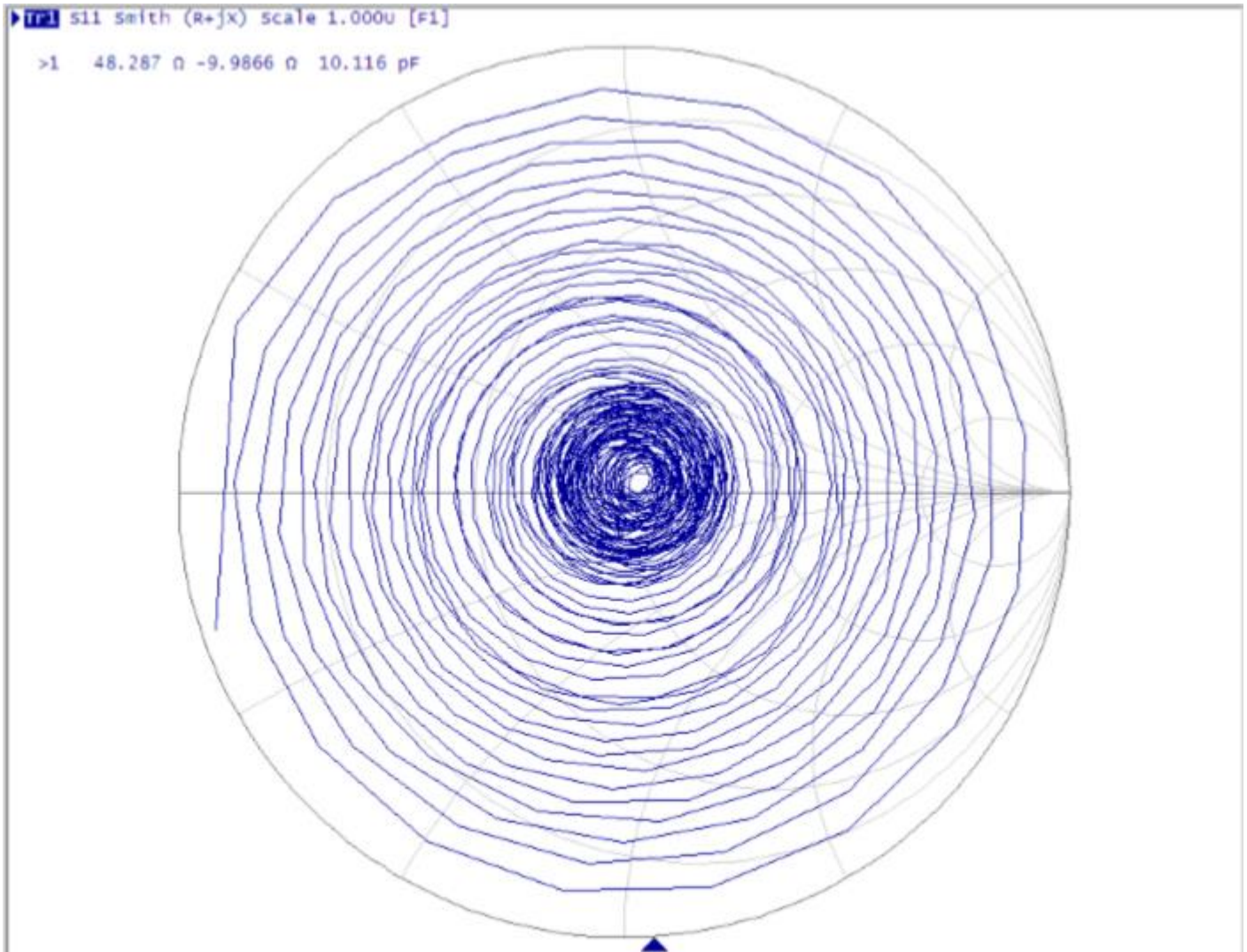
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Forward Loss



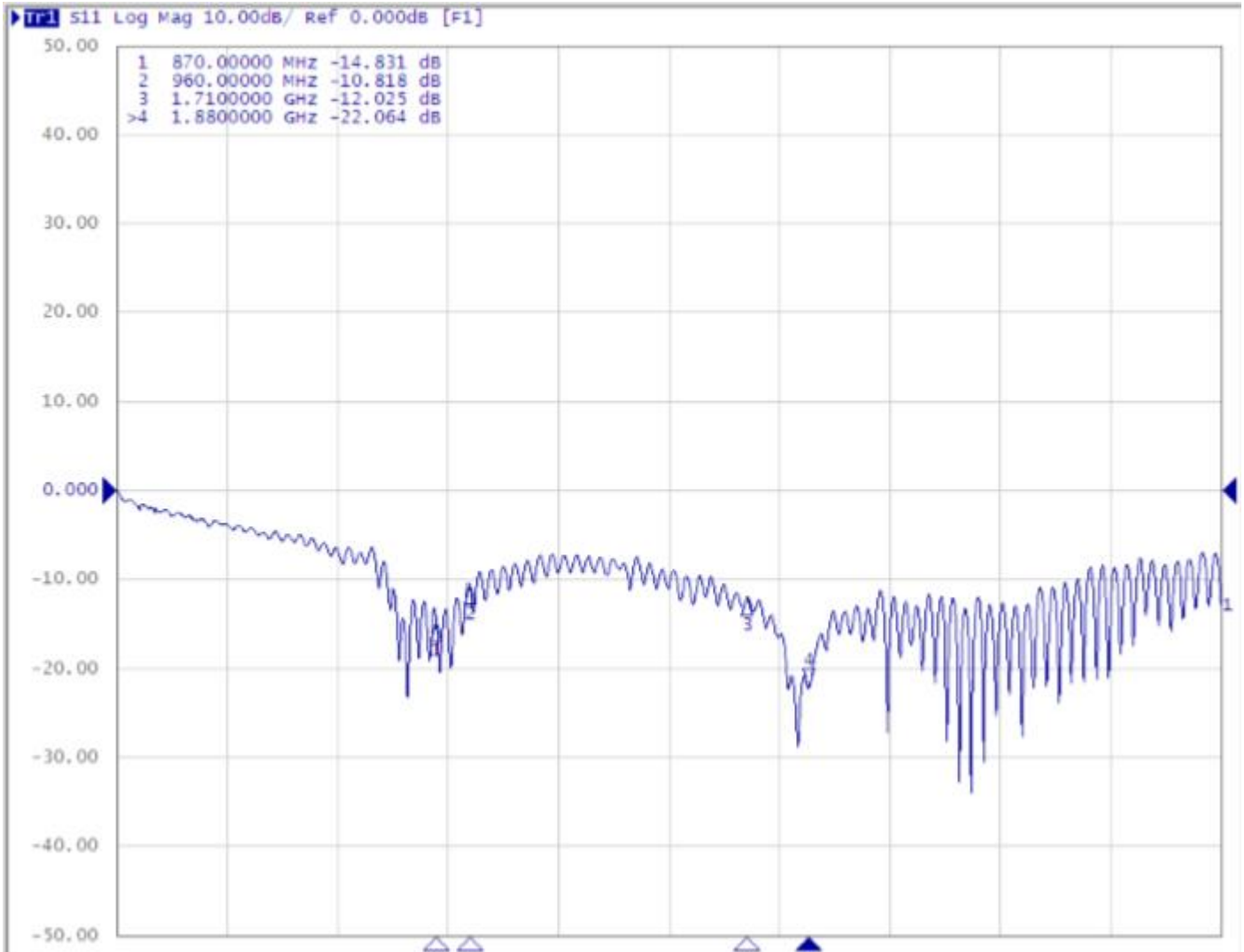
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Impedance



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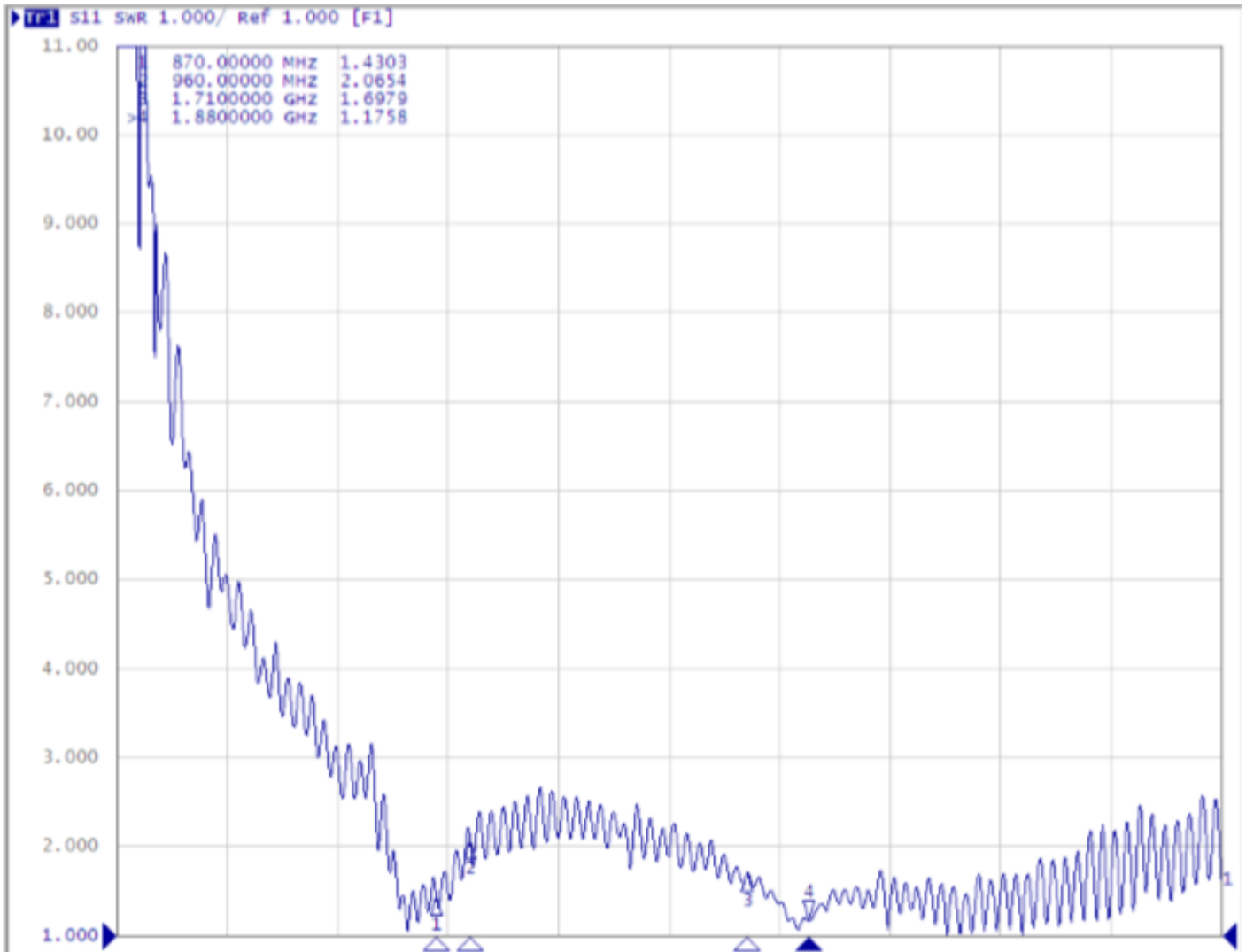
GSM Return Loss





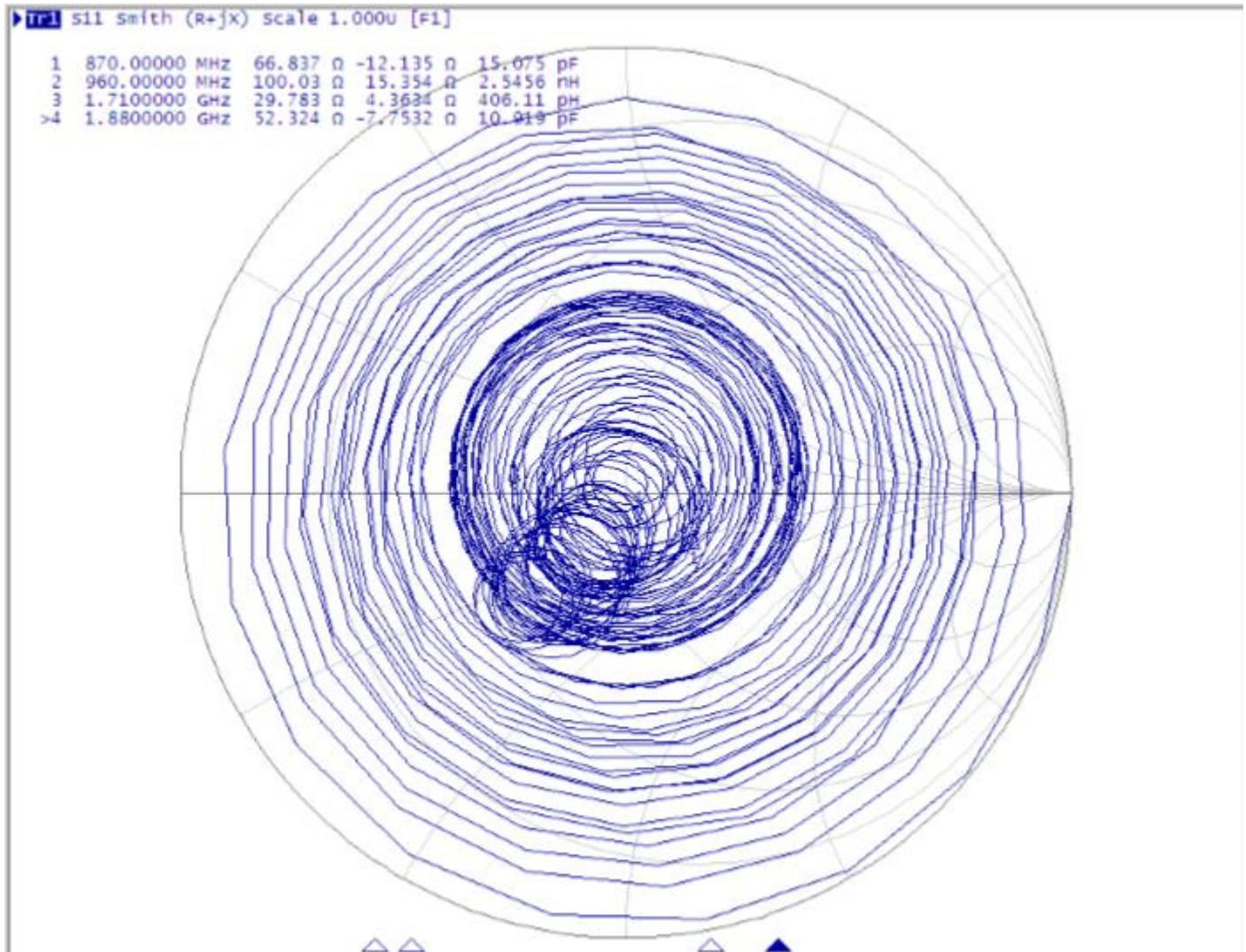
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GSM Forward Loss



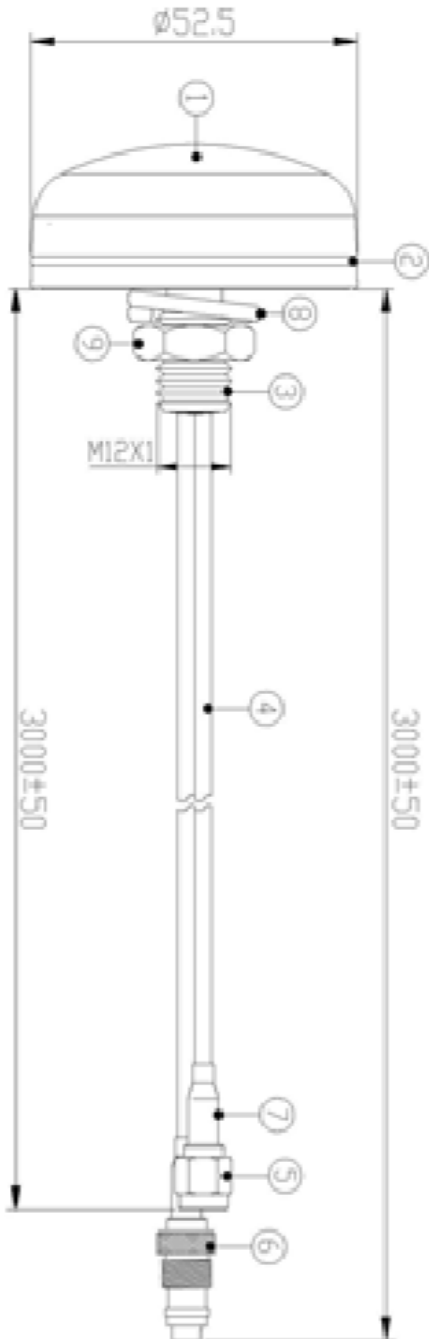
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GSM Impedance



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Dimensions



*Unit: mm

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Connector**SMA Male****SMA Female****RP-SMA Male****RP-SMA Female**

The ERF4033 antenna uses 1 SMA male and 1 SMA female connector.

Ordering information

Ordering can be done via www.summit-electronics.com or via 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