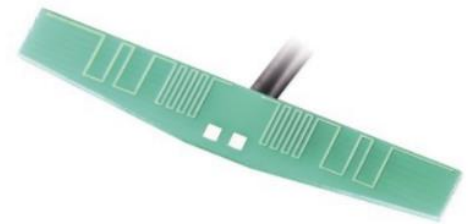


## ERF4045, LTE antenna, U.FL connector

### Features

#### Electrical Properties

Parameter:	Description
Frequency Range:	824~960 / 1710~1990 MHz
Nominal Impedance:	50 $\Omega$
Polarization:	Linear
V.S.W.R:	<3.0
Gain:	2dBi



#### Mechanical Properties

Parameter:	Description
Antenna Type:	Internal Antenna
Connector Type:	U.FL
PCB Dimensions:	47*7.6*1.2 mm
Cable length:	10 cm $\pm$ 0.5
Mounting Method:	Adhesive
Operating Temperature Range:	-40°C~+85°C
Storage Temperature Range:	-40°C~+85°C

#### Typical applications

- M2M applications
- IoT
- LTE applications
- GSM

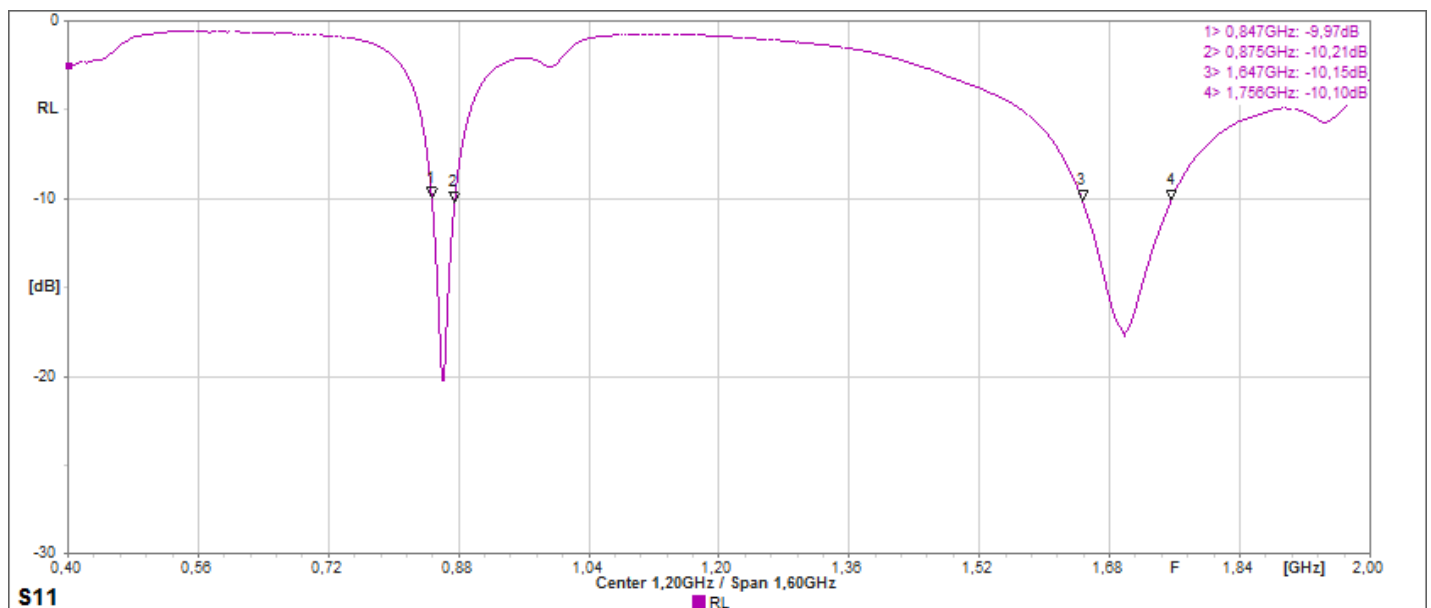
### Description

The ERF4045 Antenna is an internal antenna with a U.FL connector. It has a frequency range of 824 ~ 960 MHz / 1710 ~ 1990 MHz. the design enables the antenna to be easily integrated and the adhesive patch allows for easy placement. The antenna can be used for applications , such as M2M applications , IoT, LTE applications and GSM.

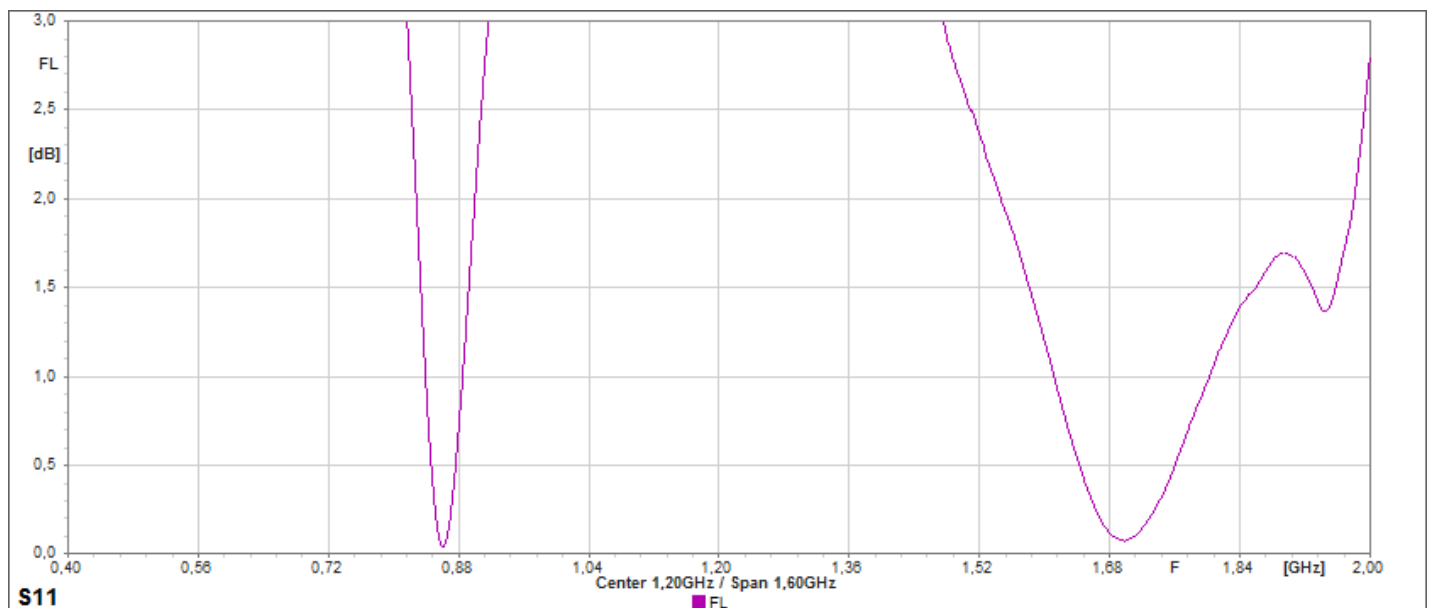
ERF4045, LTE antenna, U.FL connector

**Antenna Properties**

**Return Loss**

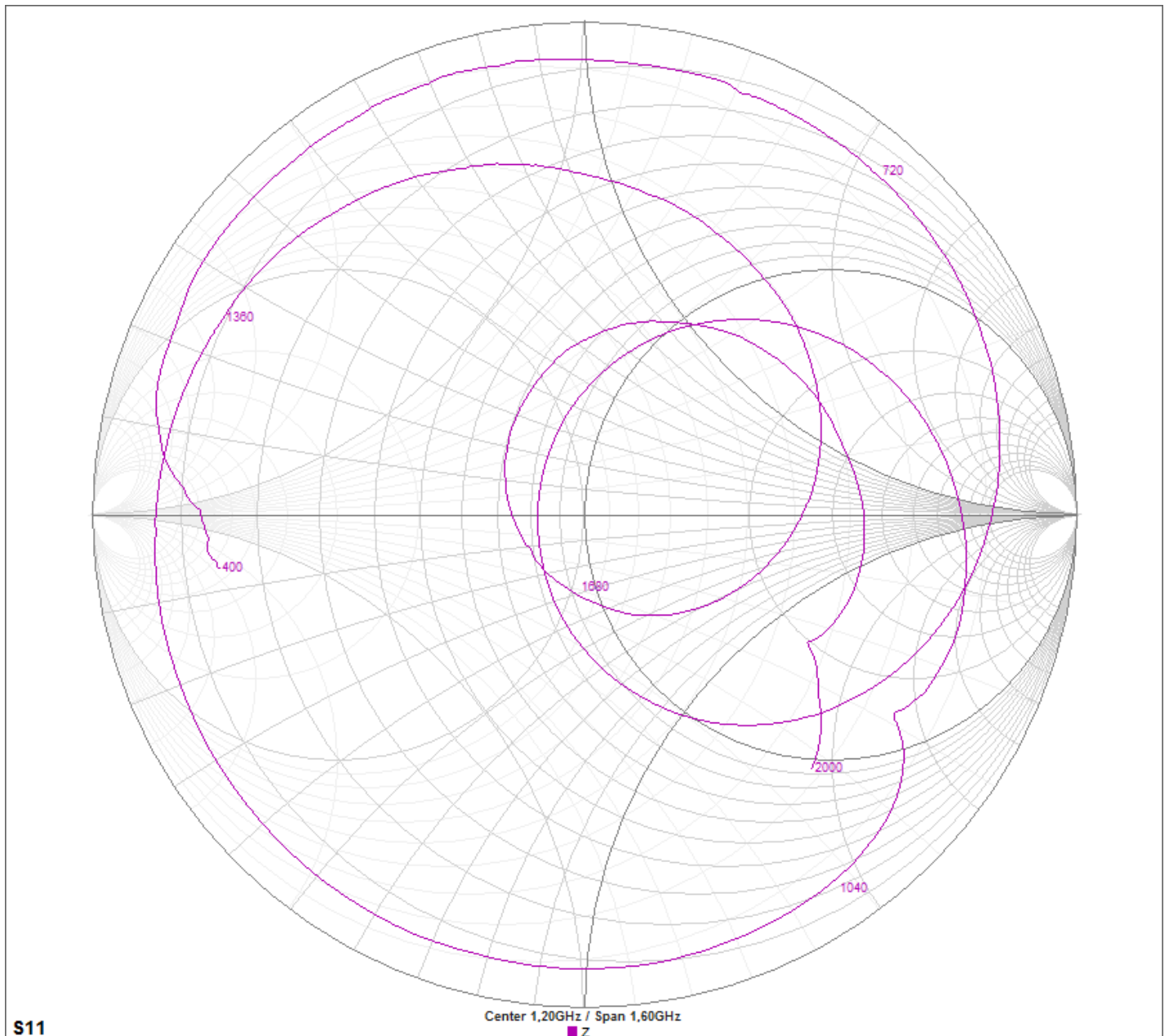


**Forward Loss**



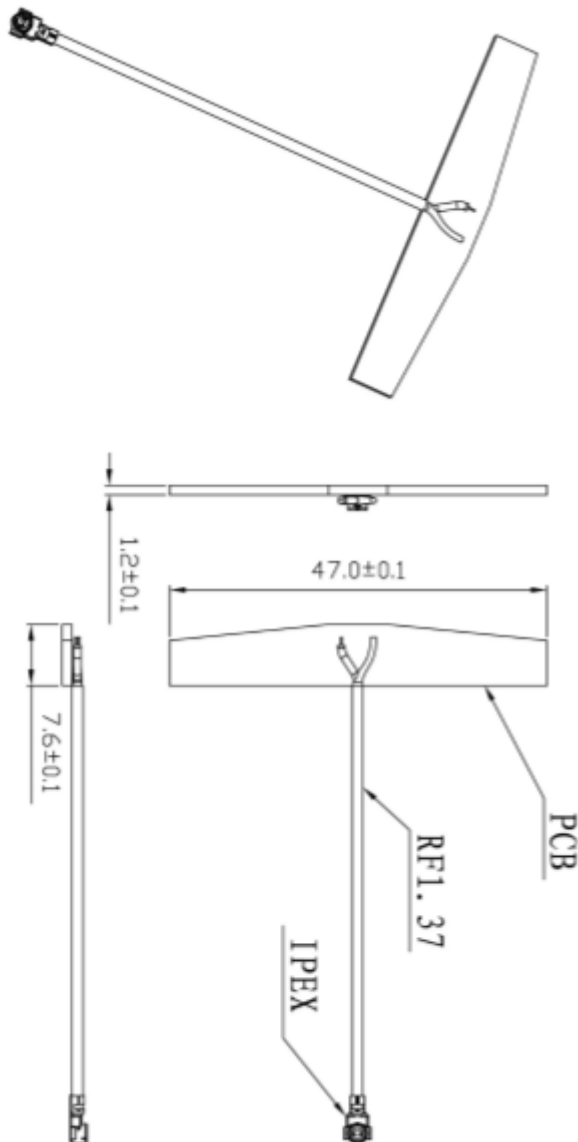
## ERF4045, LTE antenna, U.FL connector

### Impedance



## ERF4045, LTE antenna, U.FL connector

### Dimensions



Unit: mm

## ERF4045, LTE antenna, U.FL connector

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### Connector

The ERF4045 antenna uses a U.FL connector.

### About easyRF

easyRF is supplier and manufacturer of wireless communication solutions with an easy-to-use approach, targeting different applications and markets. The products are standard off-the-shelf products, but customization of the products is possible.

easyRF is successful in the a wide range of markets, such as: industrial, agriculture, security, building automation

### Ordering information

Please check [www.easyrf.eu](http://www.easyrf.eu) for distributors in your area or contact us at [info@easyrf.eu](mailto:info@easyrf.eu) for more information. Other frequencies are available on request.

### Technical support

For all product questions please contact us via [info@easyrf.eu](mailto:info@easyrf.eu)