

RF Signal Test Meter

Features:

- **Transmit and Receive** modes,
- 4 Selectable Frequencies,
- 315MHz, 433MHz,
- 868MHz, 915MHz
- Long Battery Life
- Small Size
- Simple to use

Applications

- Detect Radio Interference
- Range Testing
- Pre-Installation Performance
- Check
- Transmitter Checking



Description

RF Solutions 006 is a versatile handheld test meter checking Radio signal strength or interference in a given area.

The 006 can both transmit and receive signals making it possible to test an installation location for suitability before installing equipment. The 006 is very hard wearing, long lasting and simple to use. It has 4 selectable frequencies, changeable at the touch of a button. It also has an auto shut off feature for battery saving.

Operating Instructions

Spot Frequencies used:

- 315.00MHz
- 433.92MHz
- 868.95MHz
- 915.00MHz

Functions:

The 006 has two functions:

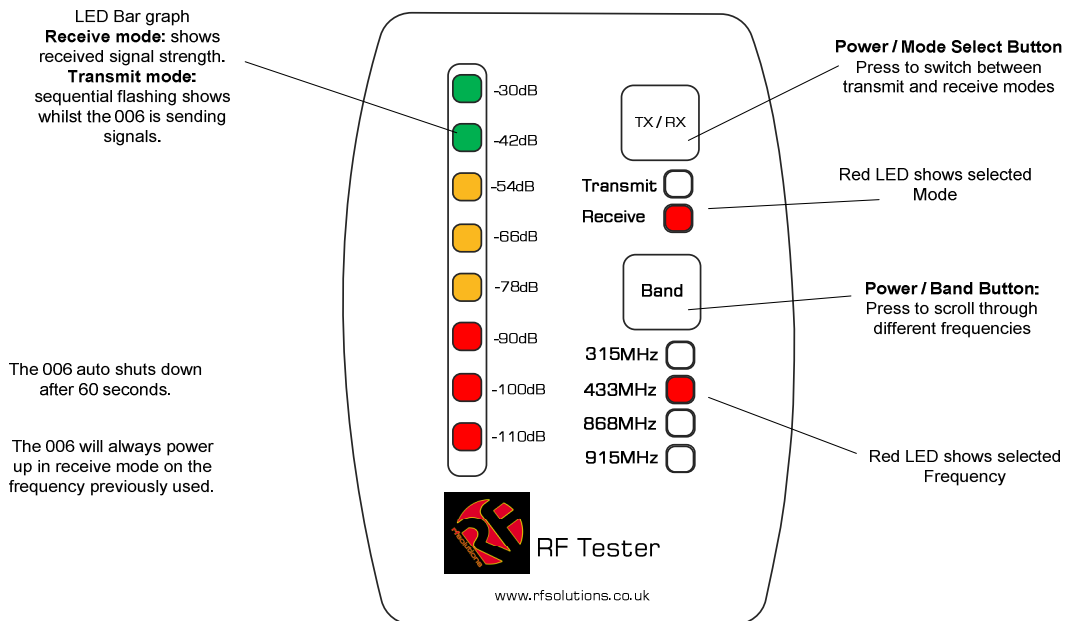
Transmit - The 006 sends out a pulsed transmission which can be received by a module on the frequency selected. Or by another 006 set to the same module.

Transmit power: the 006 transmits at 0dBm

Transmit timing: the 006 sends a 100ms pulse every 1 second

Transmit signal modulation: a 1KHz sine wave is modulated over the transmit signal.

Receive - when set in receive mode the 006 displayed any signals detected in the selected frequency. The receive sensitivity is shown on the front panel (as below)



Antenna:

As standard the 006 is fitted with a 433.92MHz antenna, this should be sufficient for most applications, however other antennas are available from RF Solutions website for improved performance on specific frequencies. See www.rfsolutions.co.uk for more details.

Technical Specification

Dimensions: 90 x 54 x 27mm
Antenna: 17.5cm (433.93MHz)

	Min	Typical	Max	Units
Supply voltage	2.2	3	3.3	V
Frequency		315.00		MHz
		433.92		MHz
		868.95		MHz
		915.00		MHz
Bandwidth		1		MHz
Max. RF Input		+20		dBm
RF Sensitivity	See	Sticker	Overlay	dBm
Operating Temperature	0		+50	°C
Storage Temperature	-20		+60	°C

RF Solutions Ltd. Recycling Notice

DO NOT

Discard with normal waste, please recycle.

Meets the following EC Directives:

ROHS Directive 2002/95/EC

Specifies certain limits for hazardous substances.

WEEE Directive 2002/96/EC

Waste electrical & electronic equipment. This product must be disposed of through a licensed WEEE collection point. RF Solutions Ltd., fulfills its WEEE obligations by membership of an approved compliance scheme.

Waste Batteries and Accumulators

Directive 2006/66/EC

Where batteries are fitted, before recycling the product, the batteries must be removed and disposed of at a licensed collection point.

Environment Agency producer registration number:

WEE/JB0104WV.

Whilst the information in this document is believed to be correct at the time of issue, RF Solutions Ltd does not accept any liability whatsoever for its accuracy, adequacy or completeness. No express or implied warranty or representation is given relating to the information contained in this document. RF Solutions Ltd reserves the right to make changes and improvements to the product(s) described herein without notice. Buyers and other users should determine for themselves the suitability of any such information or products for their own particular requirements or specification(s). RF Solutions Ltd shall not be liable for any loss or damage caused as a result of user's own determination of how to deploy or use RF Solutions Ltd's products. Use of RF Solutions Ltd products or components in life support and/or safety applications is not authorised except with express written approval. No licences are created, implicitly or otherwise, under any of RF Solutions Ltd's intellectual property rights. Liability for loss or damage resulting or caused by reliance on the information contained herein or from the use of the product (including liability resulting from negligence or where RF Solutions Ltd was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict RF Solutions Ltd's liability for death or personal injury resulting from its negligence.

