

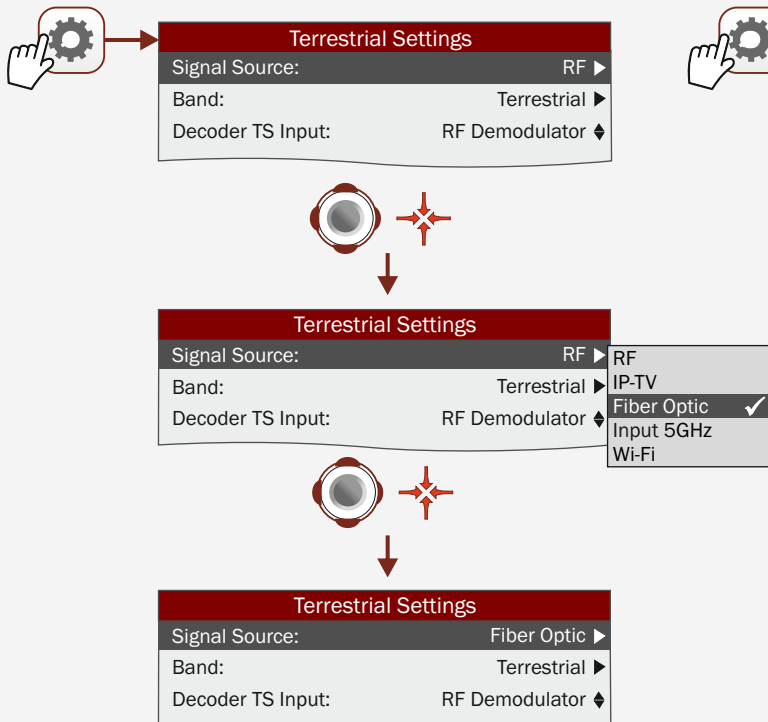
CONNECTION FOR FIBRE OPTICAL TEST



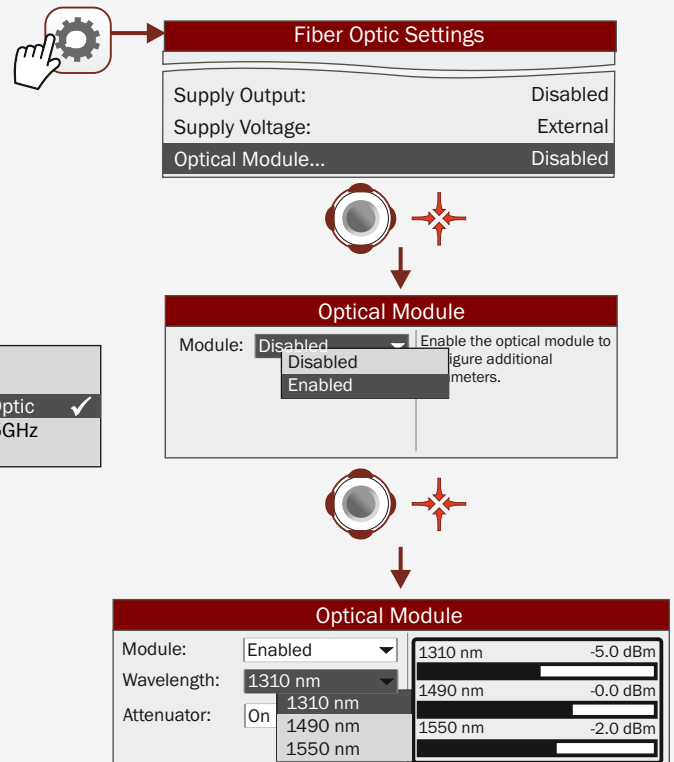
① FC-APC connector (optical signal input)

CONFIGURATION OF SELECTIVE OPTICAL TO RF SIGNAL CONVERTER

(1) Optical Fibre Input Selection

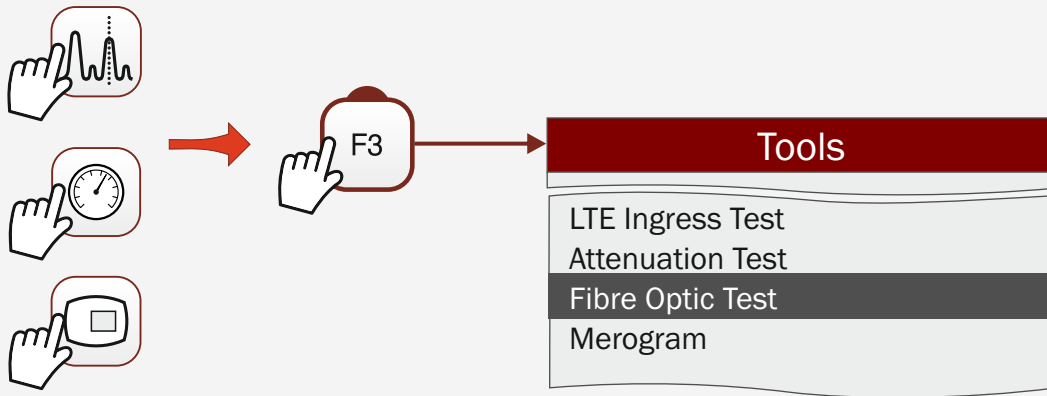


(2) Optical Module Enable and Wavelength* Selection



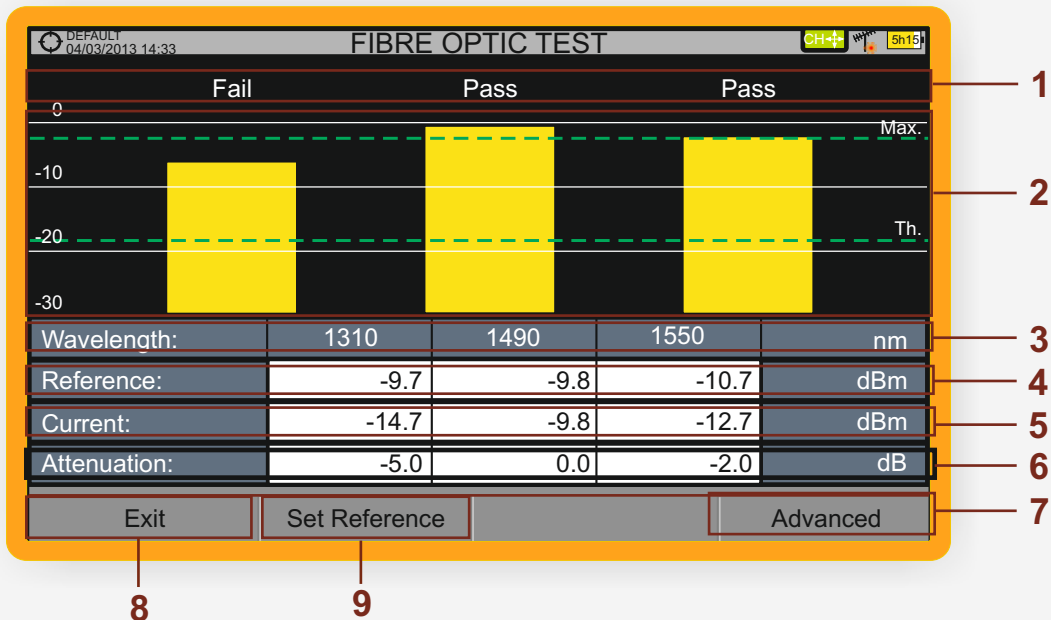
* Selection of wavelength to be converted to RF

FIBRE OPTICAL TEST SELECTION



FIBRE OPTICAL TEST PERFORMANCE

(Selective measurement of optical power on three bands: 1310/1490/1550 nm)



- 1 Status message depending on the level of attenuation.
- 2 Power level of the signal.
- 3 Wavelength of the signal (nm).
- 4 Power level of the **reference signal**, which is used to calibrate and calculate the attenuation level (dBm).
- 5 Power level of the **test signal** at the user's access point (dBm).
- 6 Attenuation level (dB); Attenuation = Current - Reference.
- 7 "**Advanced**" key to access these options: Threshold attenuation (see "Threshold" dashed line) and Max. attenuation (see "Maximal". dashed line).
- 8 "**Exit**" button to exit the screen.
- 9 "**Set Reference**" key to calibrate the reference signal.

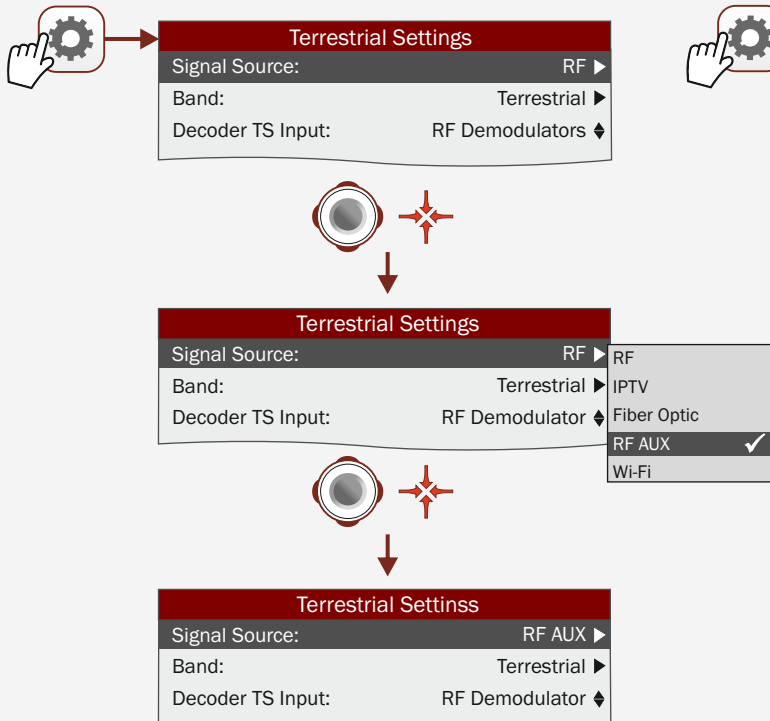
CONNECTION FOR RF AUXILIARY INPUT SIGNAL MEASUREMENT



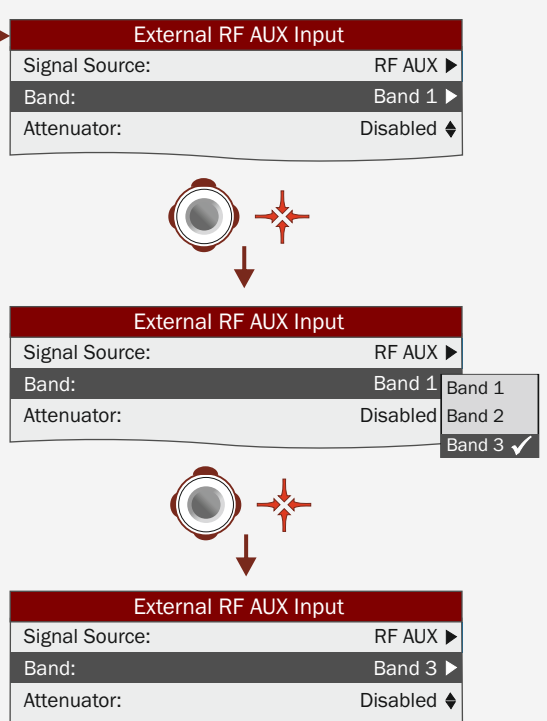
① SMA Connector (RF aux. input signal)

CONFIGURATION FOR RF AUX. INPUT SIGNAL MEASUREMENT

(1) Aux. Input Signal Selection

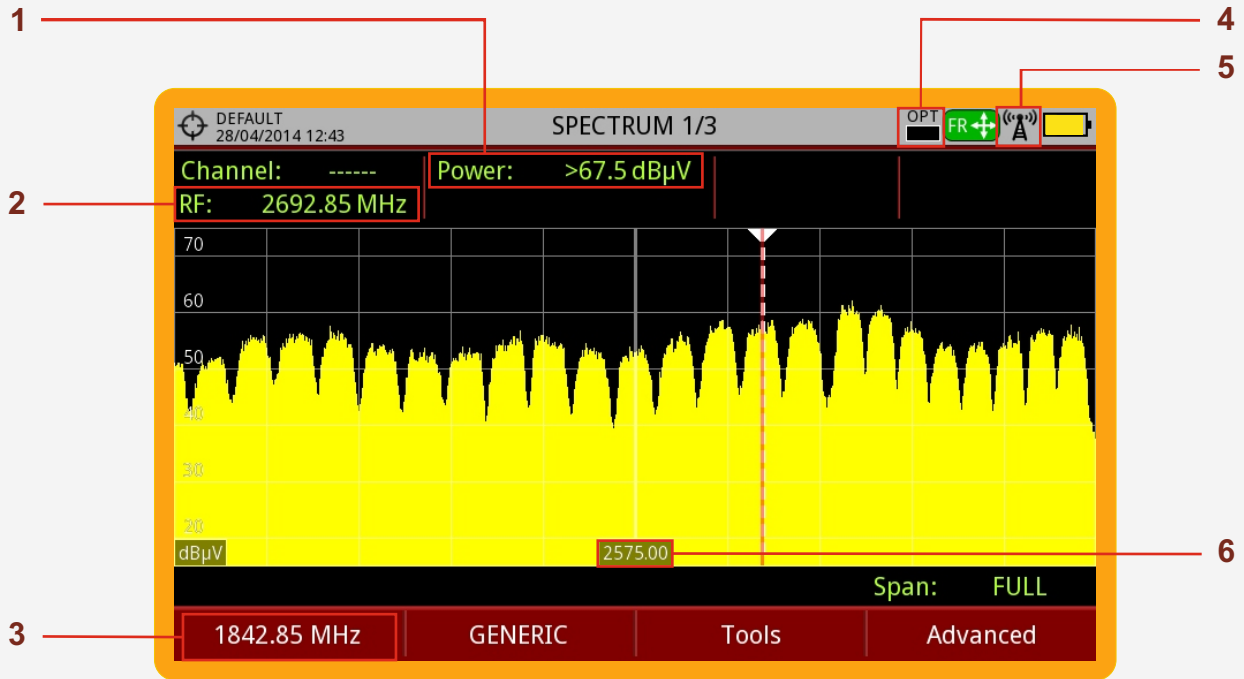


(2) Band Selection*



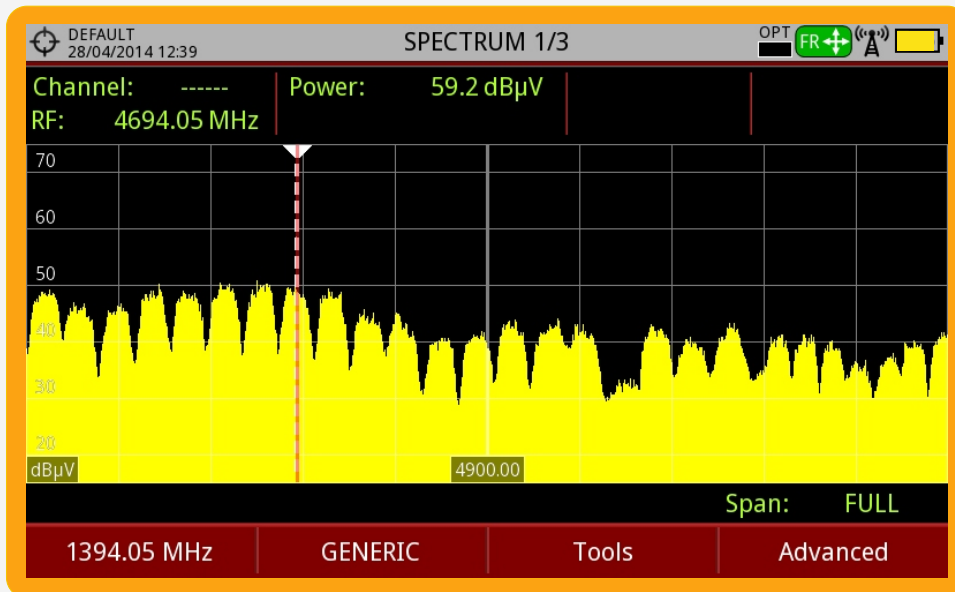
* Band 1: 2000 - 3000 MHz; Band 2: 3400 - 4400 MHz; Band 3: 4400 - 6000 MHz

RF AUX. INPUT SIGNAL MEASUREMENT EXAMPLES



Example of RF Aux. Input Signal at Band 1

- | | | | |
|---|----------------------------|---|----------------------------|
| 1 | RF Aux. Input Signal Power | 4 | LNB Optical Power Level |
| 2 | Auxiliary Frequency Input | 5 | RF Auxiliary Input Enabled |
| 3 | Input Signal Frequency | 6 | Center Frequency |



Example of RF Aux. Input Signal at Band 3

