

FRONT VIEW

DVB
Digital Video
Broadcasting

Trademark of the
DVB - Digital Video
Broadcasting Project



- | | | |
|---|--|------------------------------------|
| ① Touch Screen | ⑥ Joystick | ⑪ Battery charging indicator |
| ② Measurement key | ⑦ Installations management key | ⑫ Light sensor |
| ③ Spectrum key | ⑧ Settings key | ⑬ Reset (press and hold 5s) |
| ④ TV key | ⑨ External Video/Audio Input indicator | ⑭ Softkeys |
| ⑤ Export (press >1s)
/ Reference (press <1s) | ⑩ External unit power Supply indicator | ⑮ Active Function indicator |

SCREEN ICONS REFERENCE STATUS BAR

- Battery charging**
- Battery not charging**, time left indicator
- Battery not charging**. Yellow level indicates charge left
- USB** in serial port mode
- Satellite** band
- Current voltage, 22 kHz signal and **LNB** power level
- Terrestrial** band
- USB flash drive** inserted
- LTE** filter enabled
- Current installation
- Compressed installation
- SatCR** (SCD/EN50494) commands enabled
- JESS** (SCD2/EN50607) commands enabled
- Joystick** multi-function enabled.
Two-letter code indicates the exact function:
 - FR** Frequency tuning
 - CH** Channel tuning
 - SP** SPAN change
 - MK** Marker moving
 - EC** Echo change/zoom

- Task scheduled
- IPTV** signal source
- 5 GHz** RF Auxiliary Input*

SERVICE LIST SELECTOR

- DIGITAL TV** service
- HD** High Definition TV service
- Digital radio**
- Data**
- Scrambled** service

DIALOG BOXES

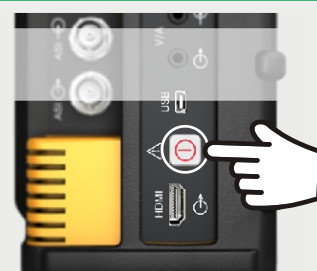
- Error** message
- OK** message
- Question** message
- Warning** message

VIDEO & AUDIO SETTINGS MENU

- TFT** backlight brightness
- Volume**

ON: (<1s)

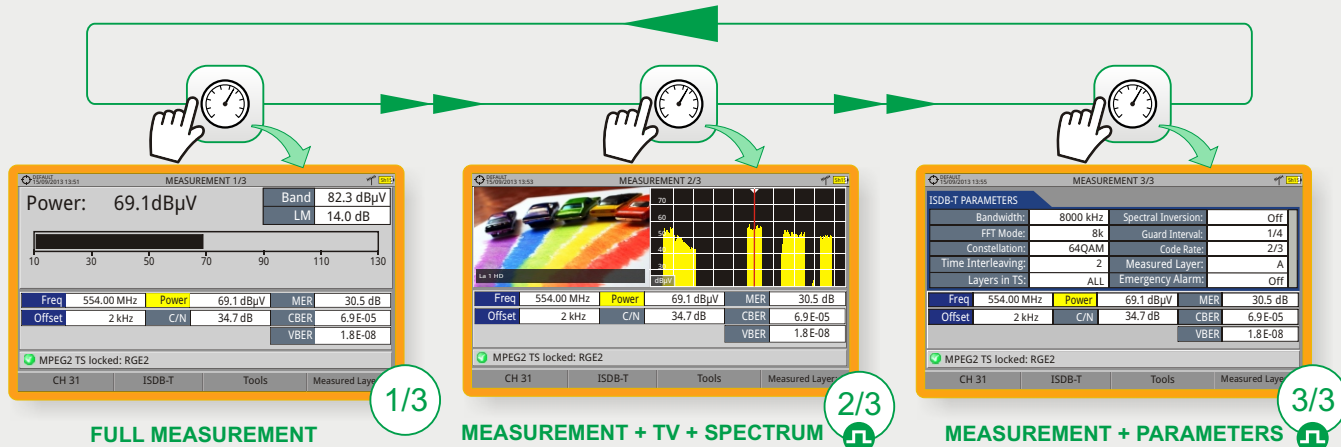
OFF: (2s)



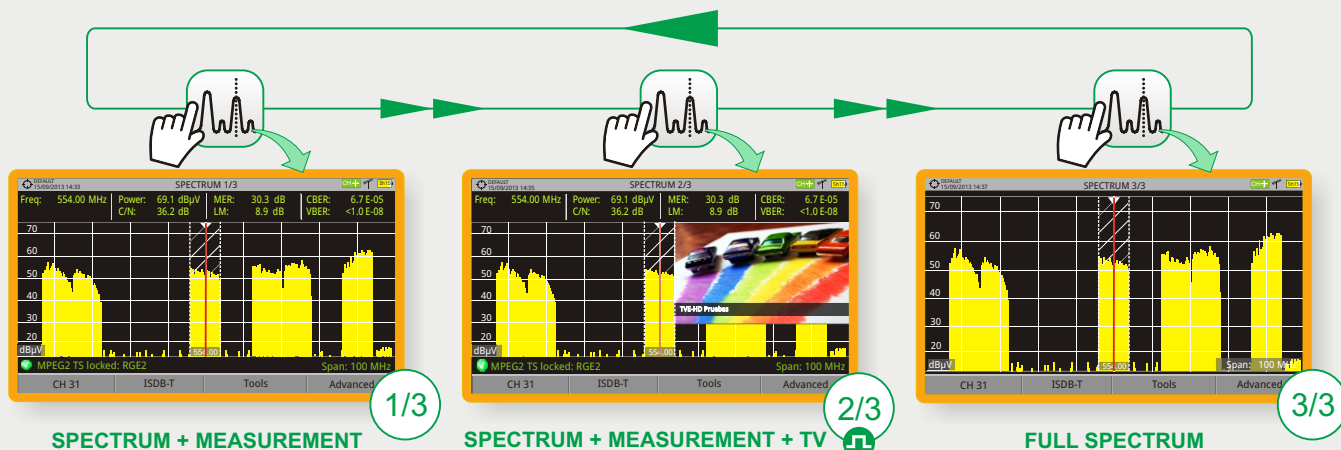
* **Optical Option.** Refer annex on the User's Manual



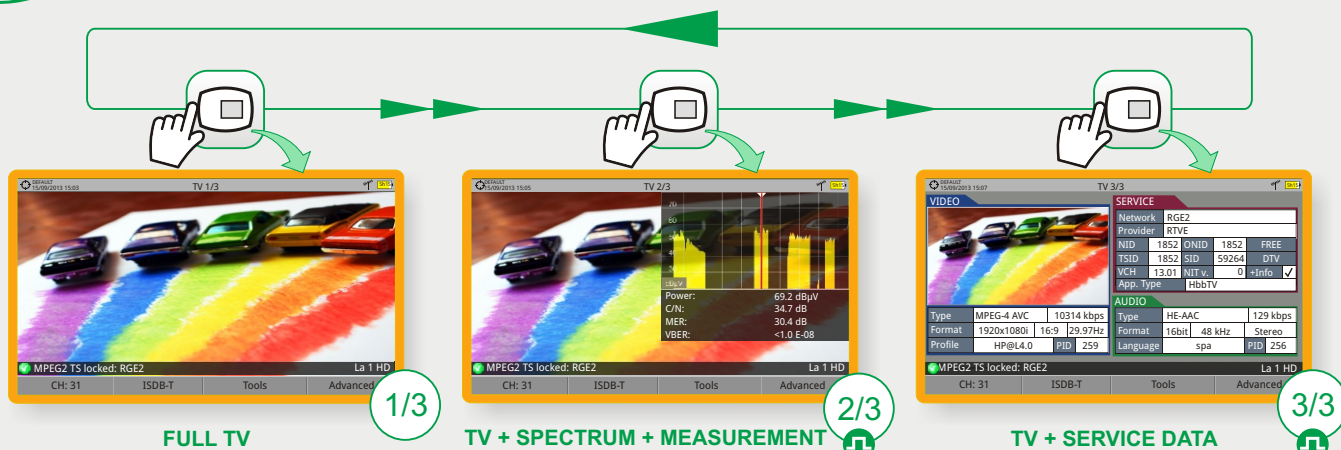
MEASUREMENT



SPECTRUM ANALYSER

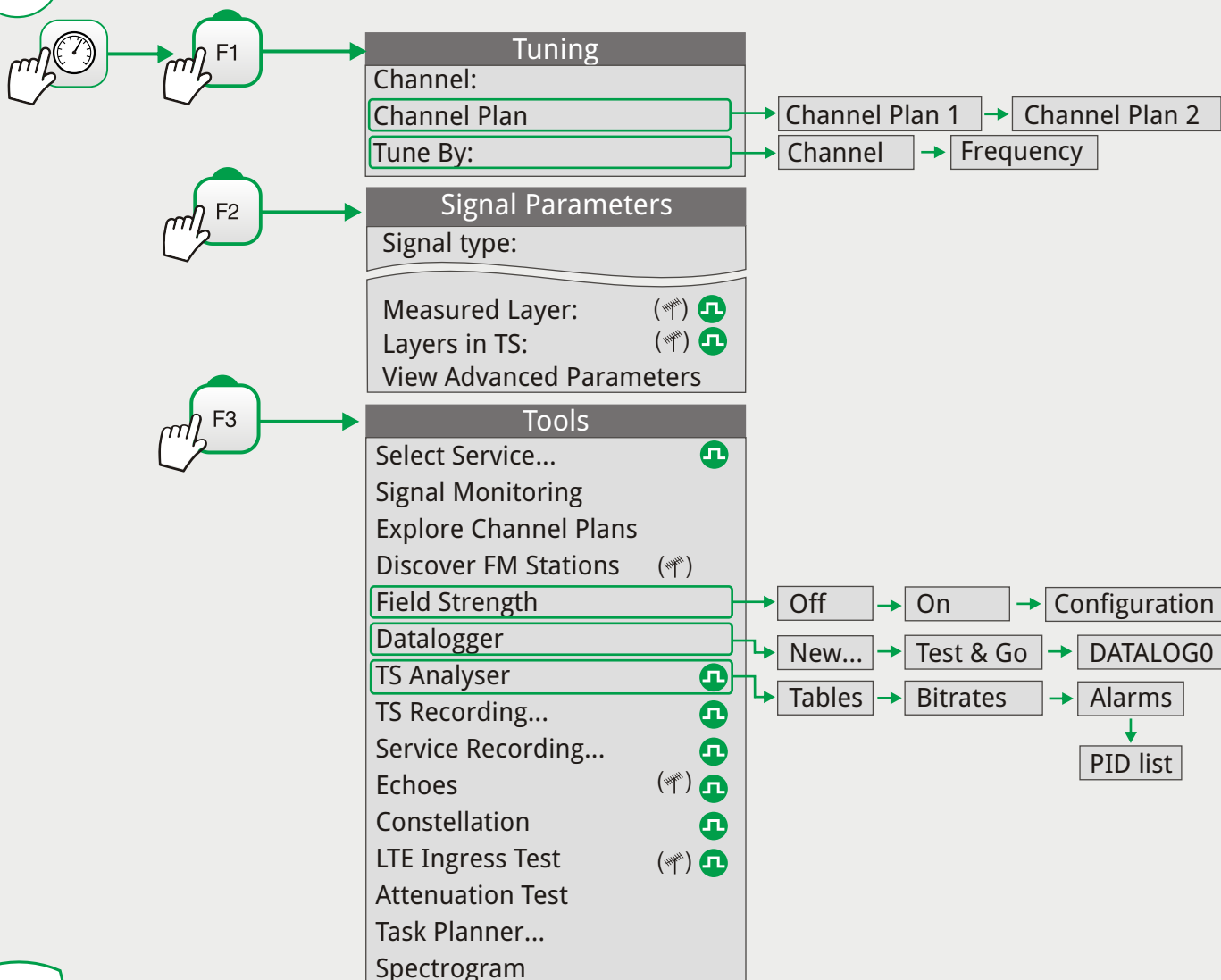


TV

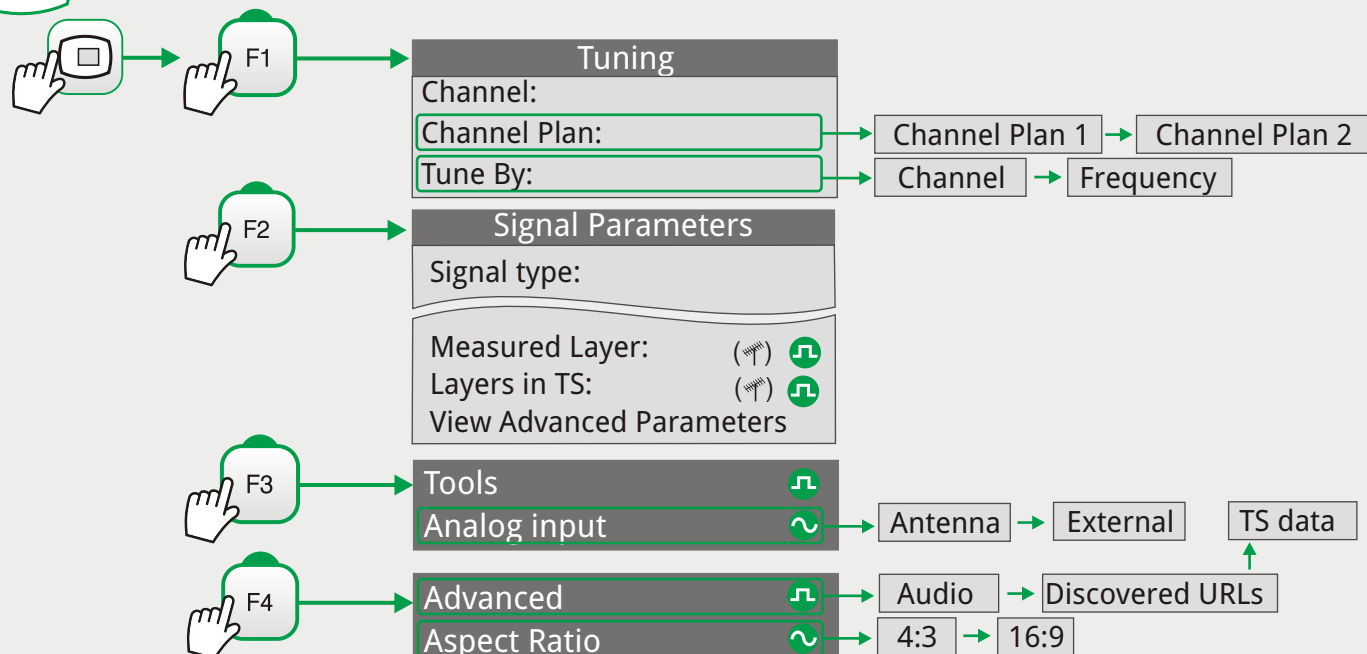




MEASUREMENT MENU



TV MENU



Option available for **terrestrial band**

Only available for **digital channel**



Option available for **satellite band**

Only available for **analog channels**

SPECTRUM ANALYSER MENU

Hand icon → F1 → Tuning

Tuning

Channel:

Channel Plan

Tune By:

Center Freq: ☐

Ref. Level: ☐

Span: ☐

Center turned frequency

Channel Plan 1 → Channel Plan 2

Channel → Frequency

Hand icon → F2 → Signal Parameters

Signal Parameters

Signal type:

Measured Layer: ☐

Layers in TS: ☐

View Advanced Parameters

Hand icon → F3 → Tools

Tools

Select Service...

Signal Monitoring

Explore Channel Plans

Discover FM Stations ☐

Field Strength

Datalogger

TS Analyser

TS Recording...

Service Recording...

Echoes ☐

Constellation

LTE Ingress Test ☐

Attenuation Test

Task Planner...

Spectrogram

Off → On → Configuration

New... → Test & Go → DATALOG0

Tables → Bitrates → Alarms

PID list

Hand icon → F4 → Advanced

Advanced

Average: ☐

Spectrum Line:

Tone Level:

Marker:

Marker Trace:

Max. Hold:

Min. Hold:

Persistence:

Detector Type:

Resolution Bandwidth:

Vertical Range:

Dashed BW:

Reference:

Outline → Solid → Transparency

Off → On

Off → On

Normal

Off → Permanent → Curtain

Off → Permanent → Curtain

Off → On

PEAK → RMS

2 kHz ☐ → 10 kHz → 20 kHz → 40 kHz

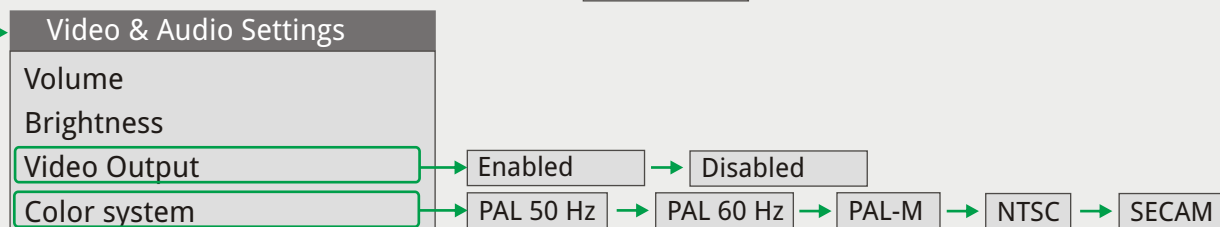
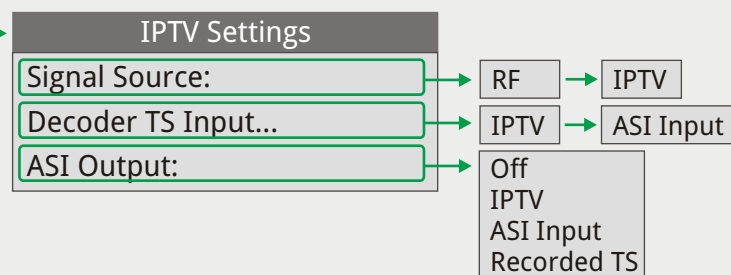
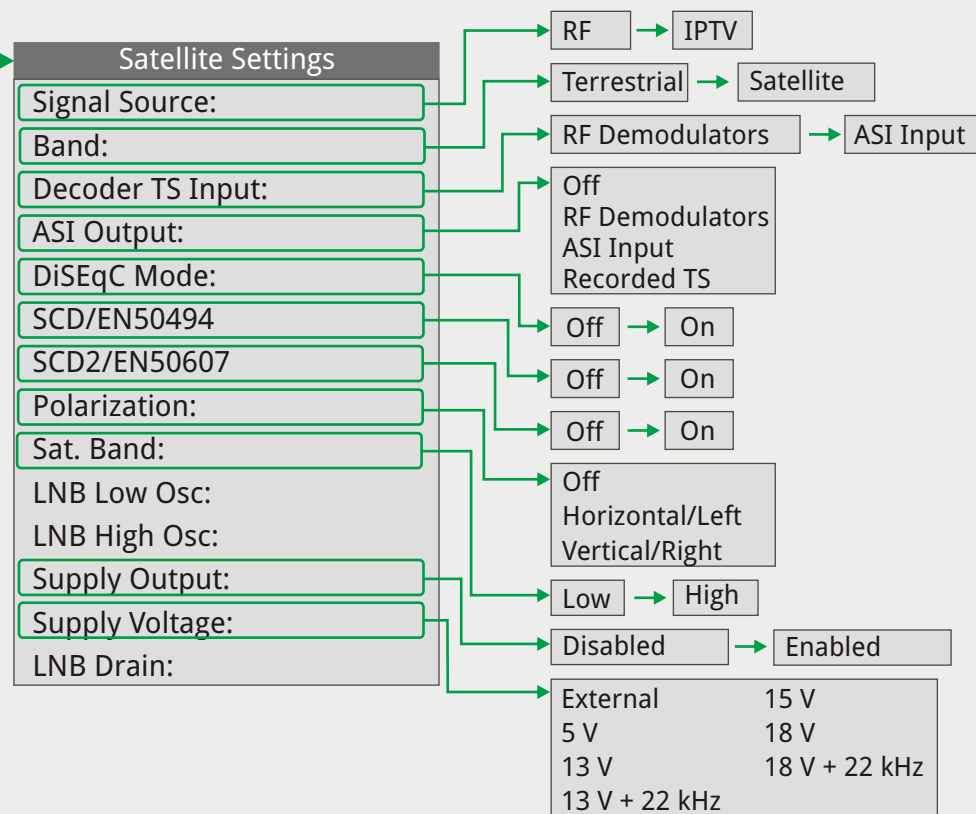
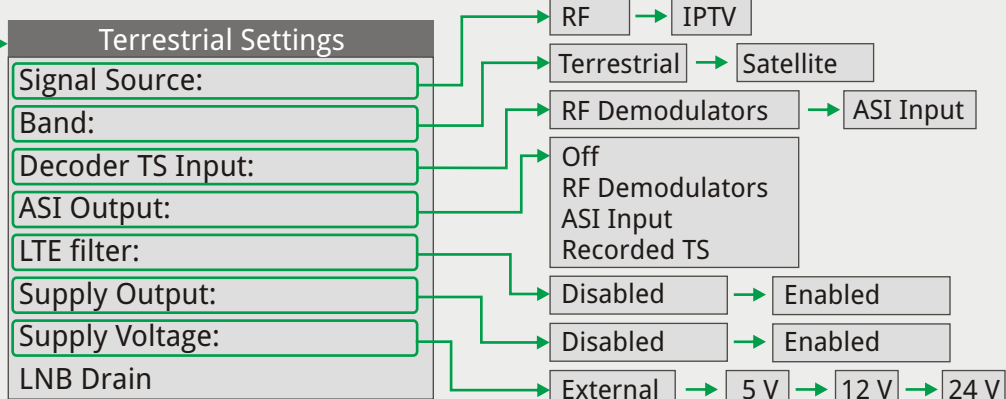
10 dB/div → 5 dB/div → 2 dB/div → 100 kHz

Off → On → 1 dB/div → 200 kHz

Set → Clear → 1000 kHz

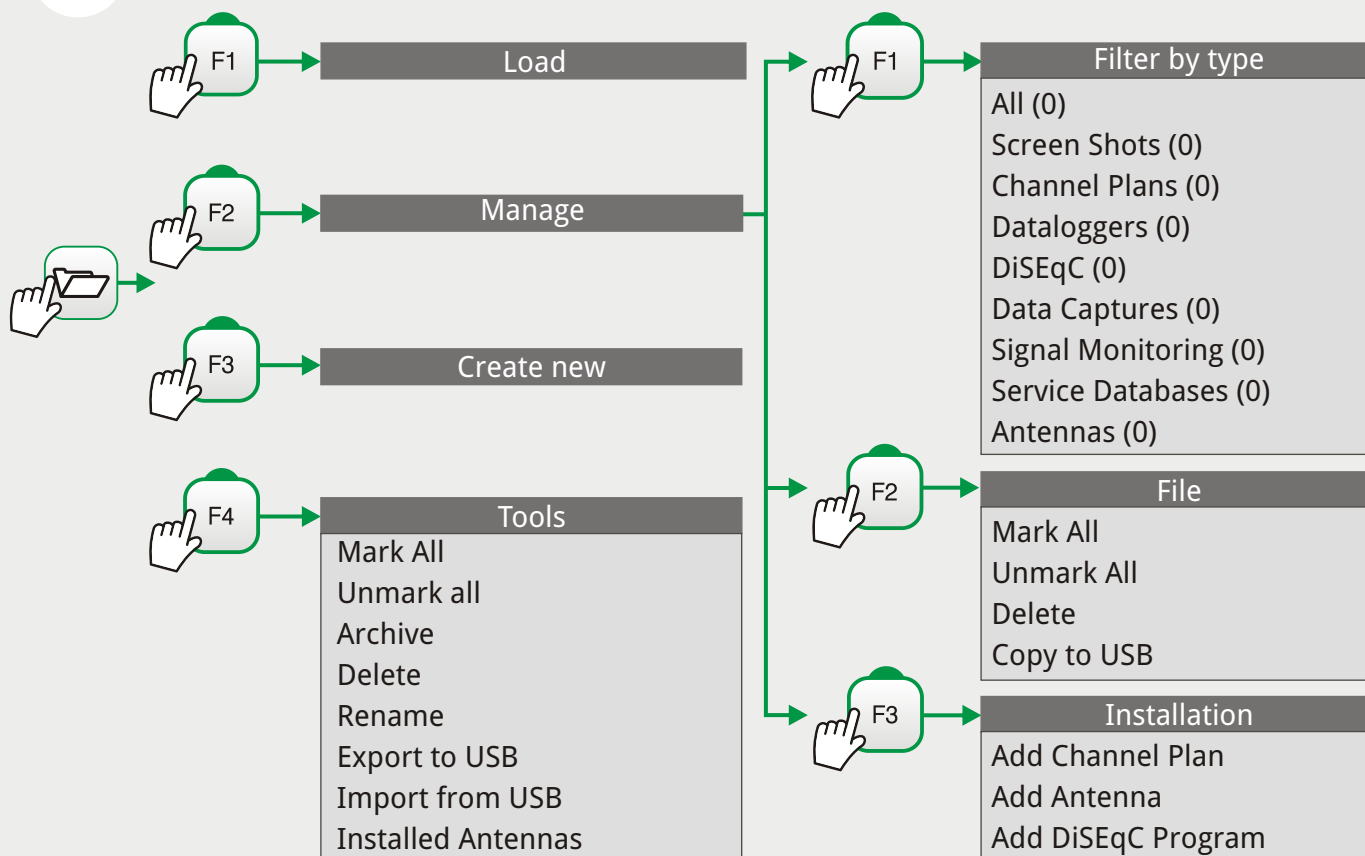


SETTINGS MENU

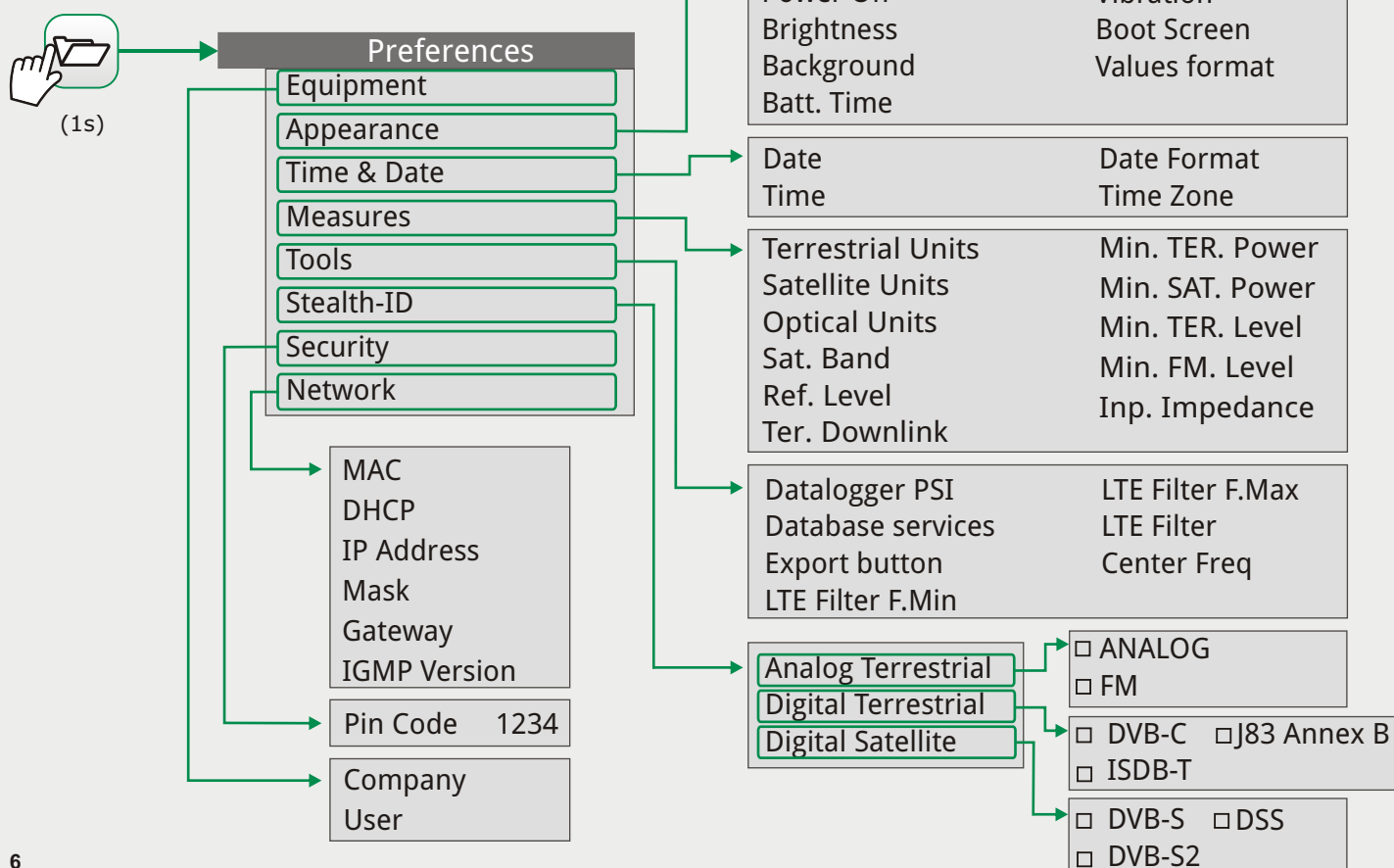




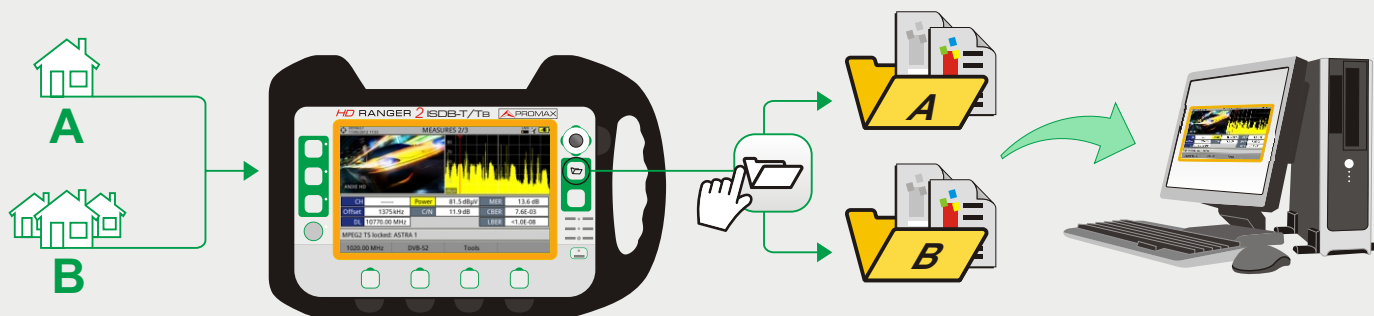
► INSTALLATIONS MANAGEMENT



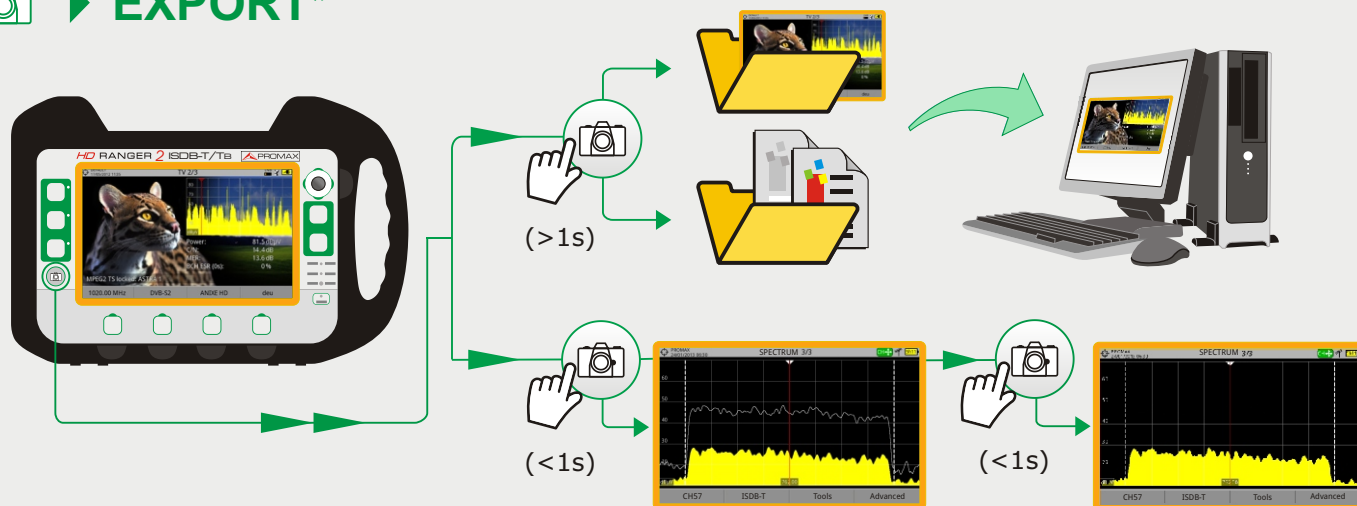
► PREFERENCES MENU



INSTALLATIONS MANAGEMENT

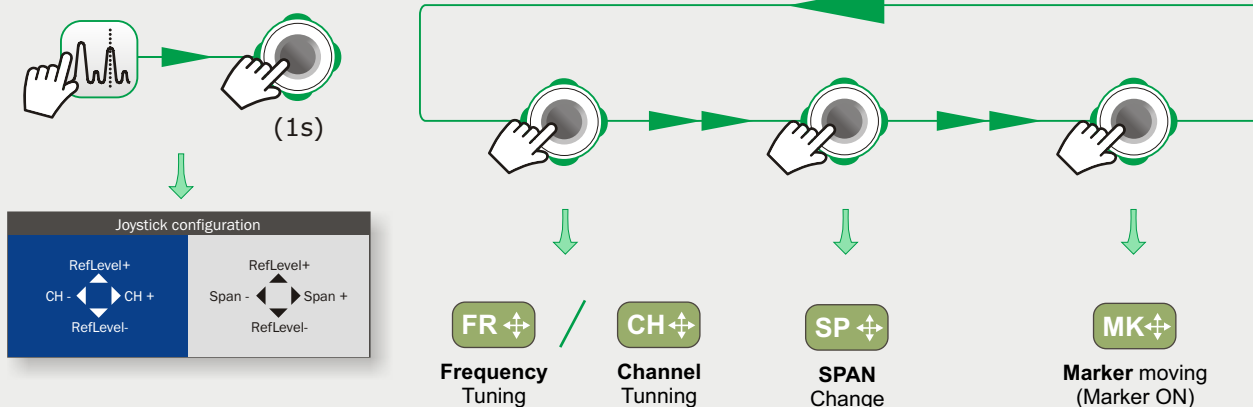


EXPORT*



* Export settings in Preferences

JOYSTICK





UP



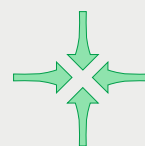
DOWN



LEFT



RIGHT



VALIDATE

PARAMETER EDITION



Tuning	
Channel:	44
Channel Plans	CCIR ▾
Tune By:	Channel ▾
Center Freq:	658.00 MHz ●



x3

Tuning	
Channel:	44
Channel Plans	CCIR ▾
Tune By:	Channel ▾
Center Freq:	658.00 MHz ●



Tuning	
Channel:	44
Channel Plans	CCIR ▾
Tune By:	Channel ▾
Center Freq:	658.00 MHz ●



Tuning	
Channel:	44
Channel Plans	CCIR ▾
Tune By:	Channel ▾
Center Freq:	658.00 MHz ●

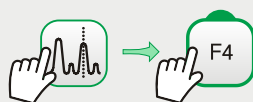


Tuning	
Channel:	44
Channel Plans	CCIR ▾
Tune By:	Channel ▾
Center Freq:	658.10 MHz ●



Tuning	
Channel:	44
Channel Plans	CCIR ▾
Tune by:	Channel ▾
Center Freq:	658.10 MHz ●

PARAMETER SELECTION



Advanced	
Average	0 ●
Spectrum Line	Outline ▾
Tone Level	Off ▾



Advanced	
Average	0 ●
Spectrum Line	Outline ▾
Tone Level	Off ▾



Advanced	
Average	0 ●
Spectrum Line	Outline ▾
Tone Level	Off ▾

Outline
Solid
Trans.



Advanced	
Average	0 ●
Spectrum Line	Outline ▾
Tone Level	Off ▾

Outline
Solid
Trans.

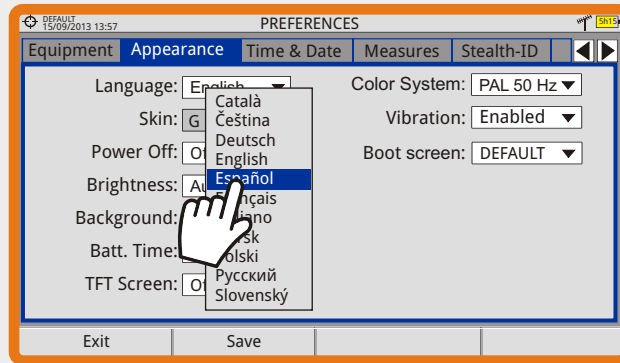
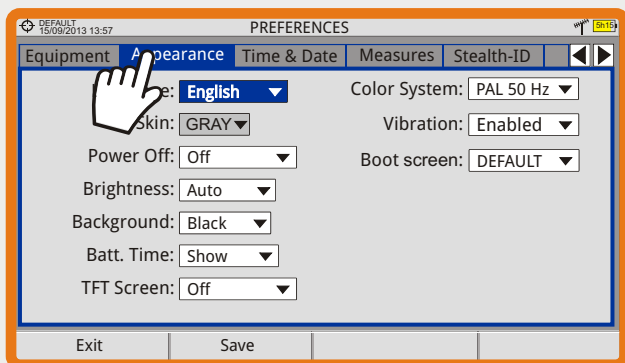


Advanced	
Average	0 ●
Spectrum Line	Solid ▾
Tone Level	Off ▾

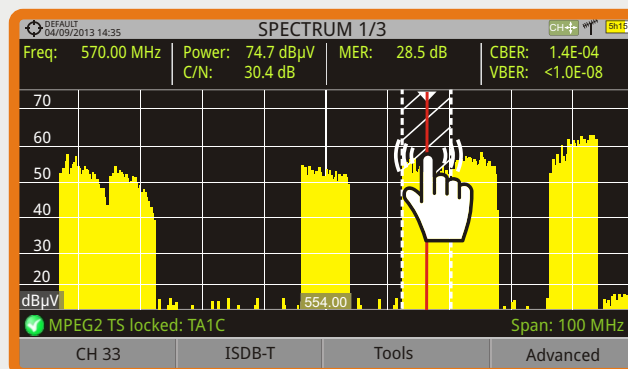
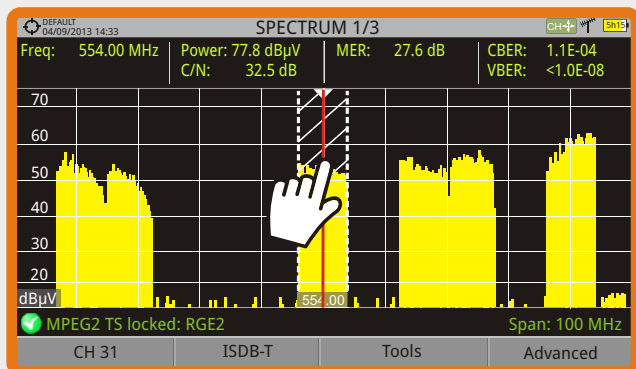


TOUCH SCREEN 1/2

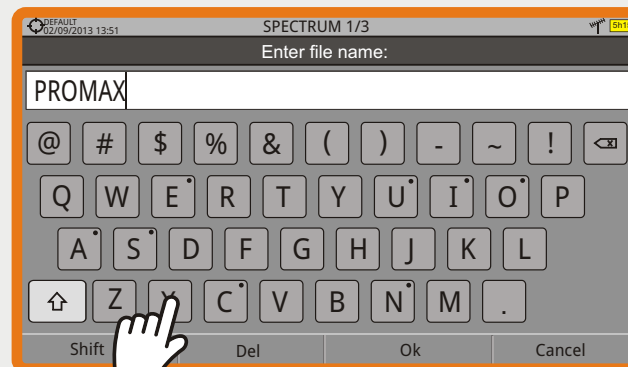
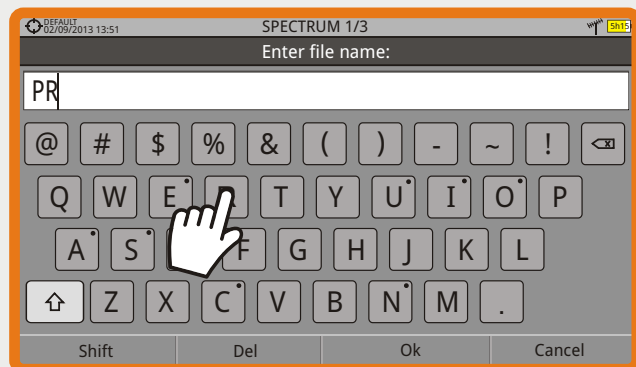
MENU SELECTION



FREQUENCY SELECTION



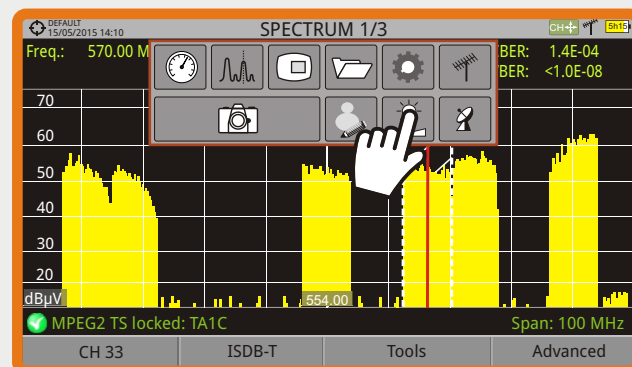
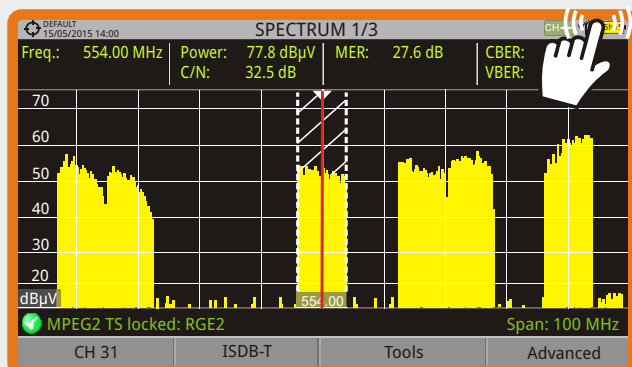
VIRTUAL KEYBOARD WRITING





TOUCH SCREEN 2/2

TOOLBAR



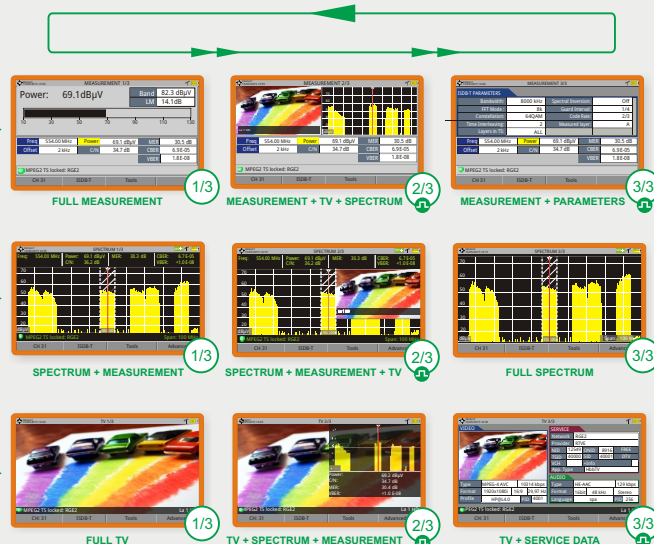
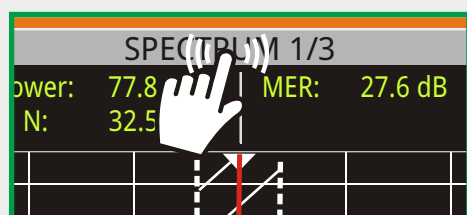
TOOLBAR ICONS

- Measurement Mode
- Spectrum Analyser Mode
- TV Mode
- Installations Management

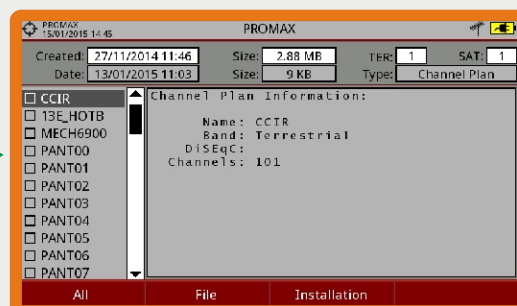
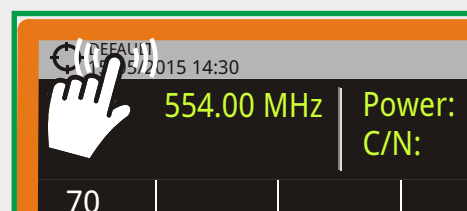
- Settings
- Terrestrial Band
- Satellite Band

- Video & Audio Settings
- Preferences
- Screen Capture

MODE SCREENS



INSTALLATIONS MANAGEMENT



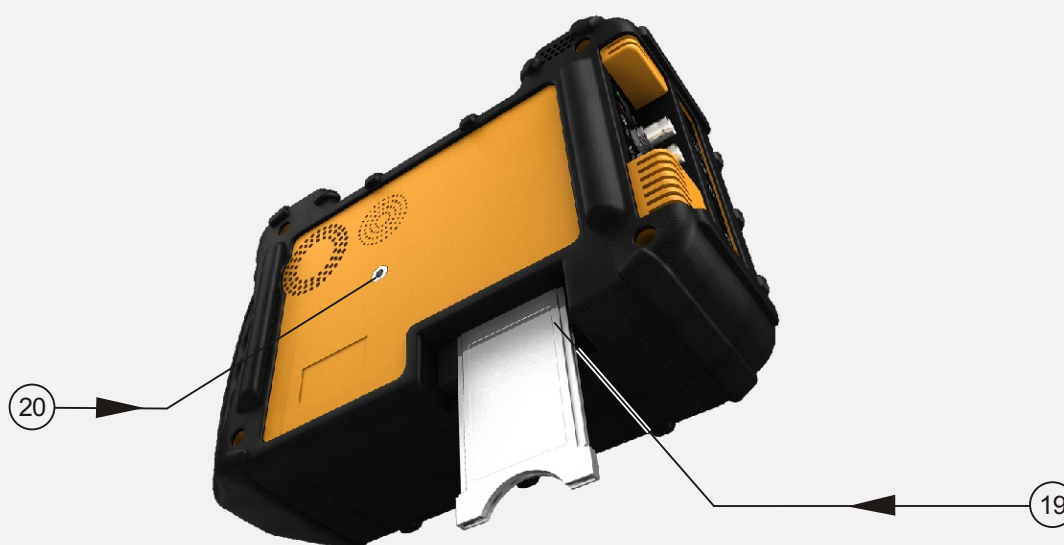
TOP VIEW



- 15 **FC-APC** connector (optical signal input)*
- 16 **SMA** connector (RF aux. input signal)*
- 17 **RF** input connector
- 18 Connection to measure the RF signal converted from optical *
 - BNC connector (RF output signal converted from the optical input signal (15))
 - Universal connector for F/F or F/BNC adapter (RF signal input)

* **Optical Option.** Refer annex on the User's Manual.

BOTTOM VIEW



- 19 Input connector for CAM module*

- 20 Tripod thread

* not included

SIDE VIEW



- 21 Power input connector
- 22 ETHERNET connector for IPTV
- 23 Video/Audio input
- 24 ASI-TS input
- 25 Video/Audio output

- 26 ASI-TS output
- 27 mini-USB connector
- 28 ON/OFF button
- 29 HDMI output

