

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 Audio/Video 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
- Satellite band**
- Current voltage**, 22 kHz signal and **LNB** power level
- Terrestrial band**
- USB flash drive** inserted
- WiFi** signal source
- 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
 - AP** Access Point change

- Task scheduled**
- 6 GHz RF Auxiliary Input***
- External Reference Input***
- IPTV** signal source
- OTT** streaming
- Connected to webControl**

*Option. Refer annex on the User's Manual

SERVICE LIST SELECTOR

- DIGITAL TV** service
- 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)

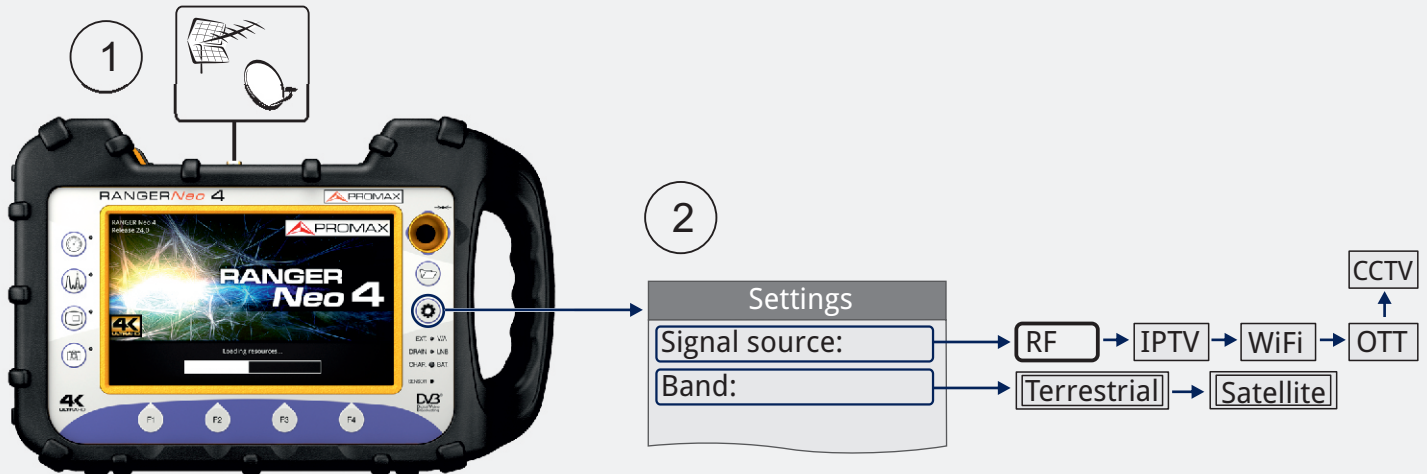
OFF: (2s)



Some functions may belong to options. Consult the user manual.

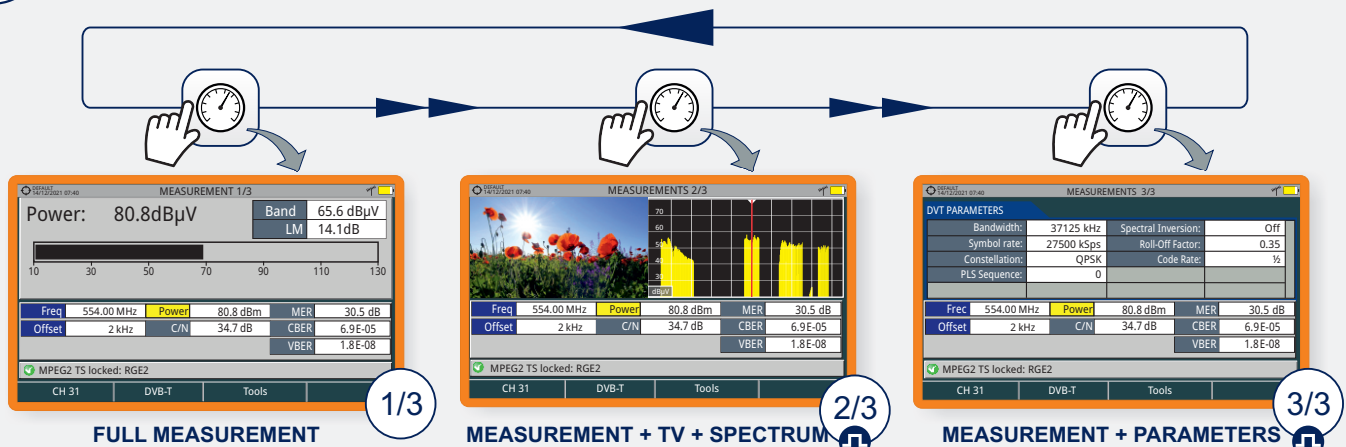
Find the user's manual on the download area at: www.promaxelectronics.com

RF ► SETTINGS

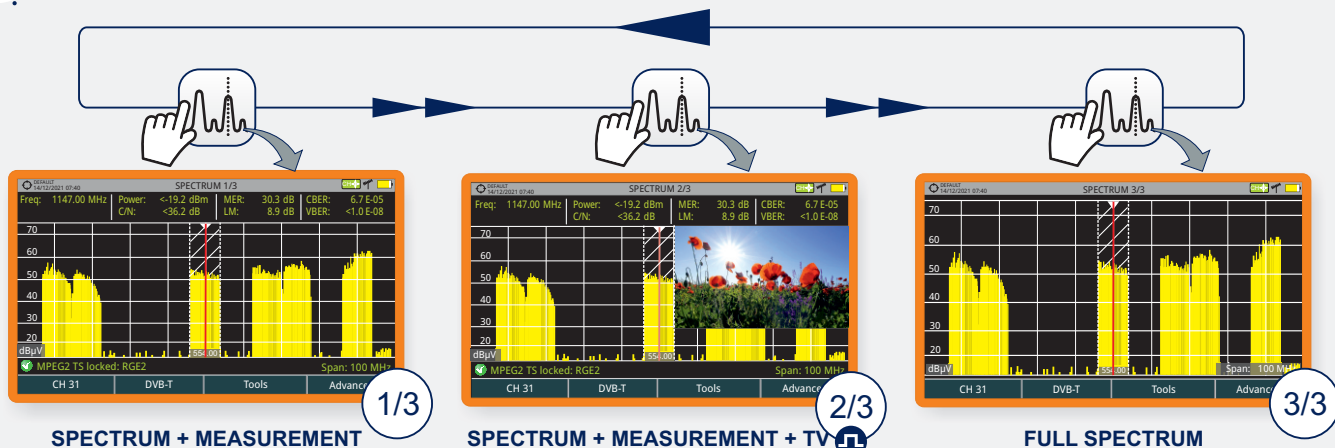


RF ► SCREENS

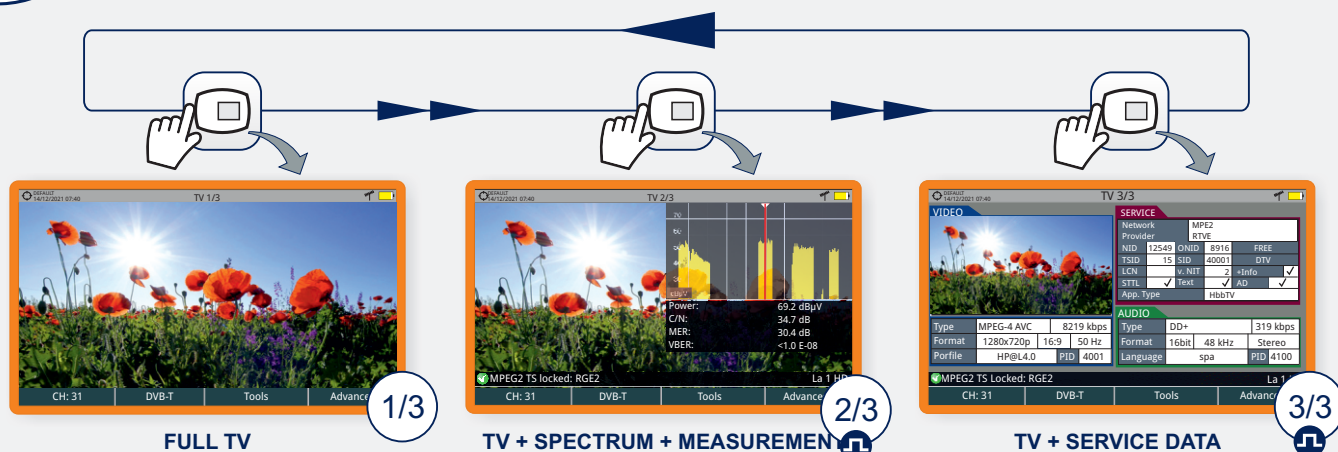
► MEASUREMENT



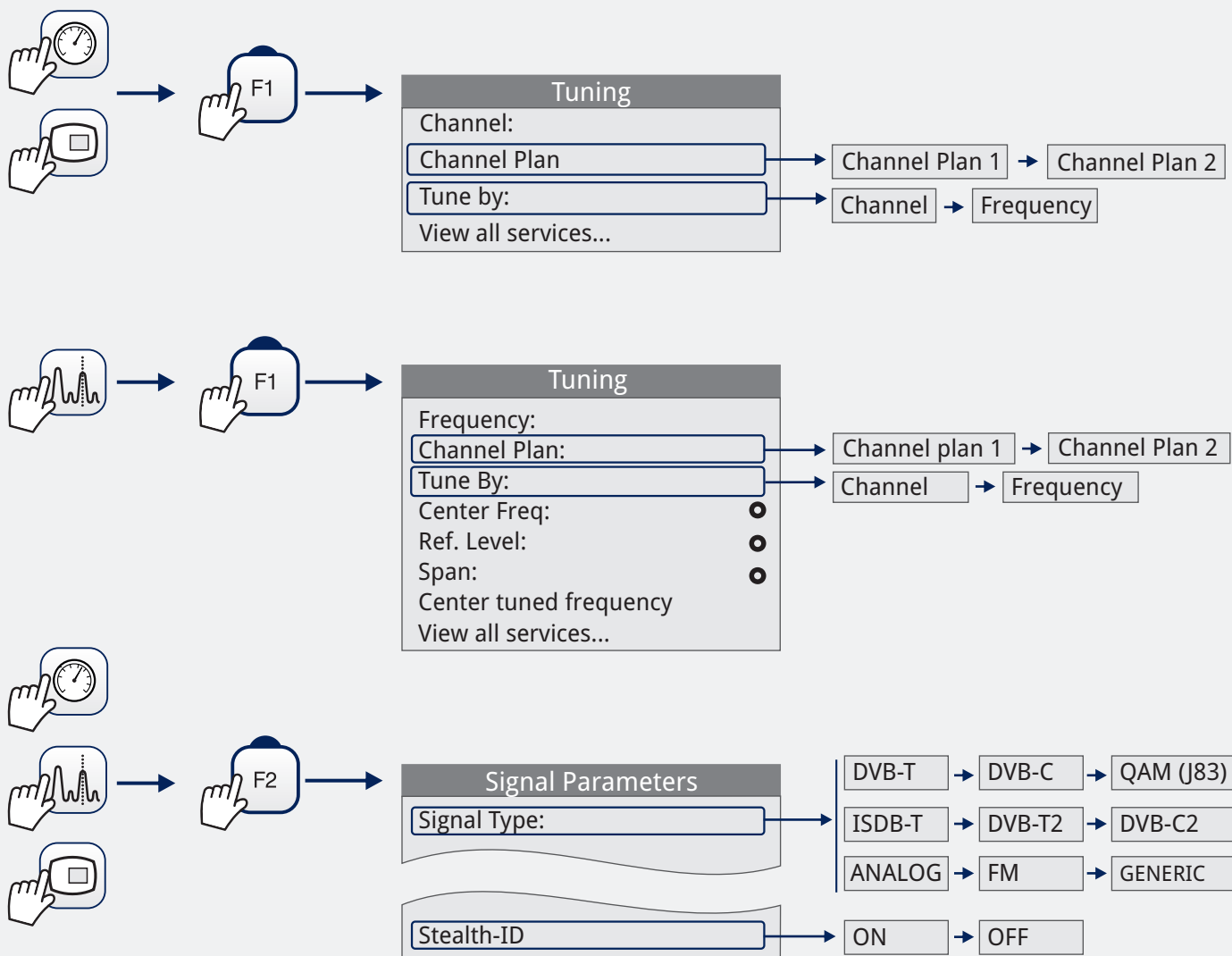
► SPECTRUM ANALYSER

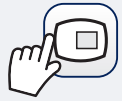


TV MODE



RF MENUS





Tools

- Select Service...
- Signal Monitoring
- Explore Channel Plan
- Discover FM Stations
- Field Strength:
- Datalogger
- TS Analyser
- TS Recording...
- Service Recording...
- *DAB ETI Recording...
- *DAB IQ Recording...
- *DAB TII
- *FM Histogram
- *FM MPX Spectrum
- Streaming V/A
- Network Delay
- Echoes
- Constellation
- MER by carrier
- Shoulder Attenuation
- LTE Ingress Test
- Attenuation Test
- Task Planner...
- Merogram
- Spectrogram
- Tilt & Scan
- Power Off

Single Channel → Channel Plan

Off → On

New... → Test & Go

Tables → Bitrates → Alarms → PID List → T2MI

Tilt → Scan



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 → 100 kHz

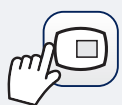
10 dB/div → 5 dB/div → 2 dB/div

1 dB/div

200 kHz

1000 kHz

Set → Clear



Advanced

- Audio:
- Discovered URLs:
- TS Data:

WIFI ► SETTINGS



WIFI ► SCREENS



► SITE SURVEY

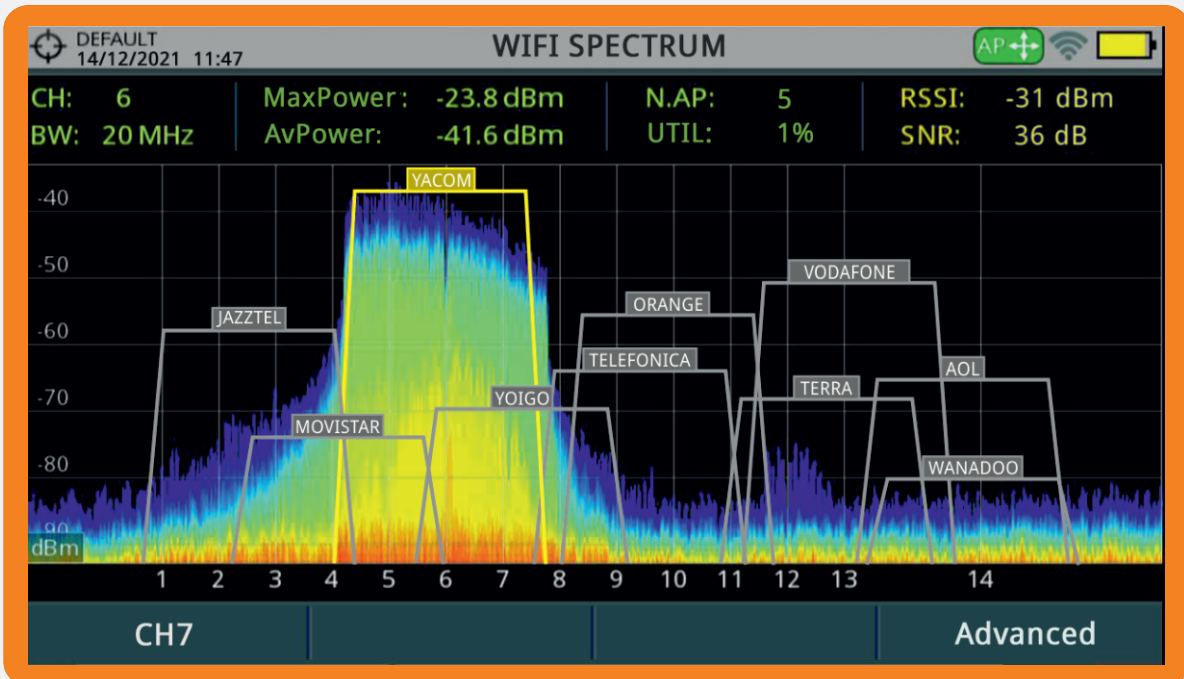
PROMAX 14/12/2021 12:10 SITE SURVEY					
SSID	BSS	CH	RSSI(dBm)	Security	Device
JAZZTEL	01:23:45:67:89:ab	1	-86	WPA	Wireless Router...
MOVISTAR	aa:bb:cc:dd:ee:ff	2	-72	WPA2	WAP6969N
YACOM	98:76:54:32:10:fe	3	-84	WPE	
YOIGO	a1:b2:c3:d4:e5:f6	4	-74	None	
ORANGE	22:44:66:88:ab:cd	5	-70	WPA	
VODAFONE	13:57:92:46:80:31	6	-88	WPA	
ARRAKIS	ca:ac:ed:de:fb:bf	7	-78	WPA	
TELEFONICA	57:26:21:44:a6:89	8	-76	WPA	
TERRA	11:85:e5:74:0c:53	9	-80	WPA	
WANADOO	b4:07:32:41:a6:1c	10	-82	WPA	

CH 1

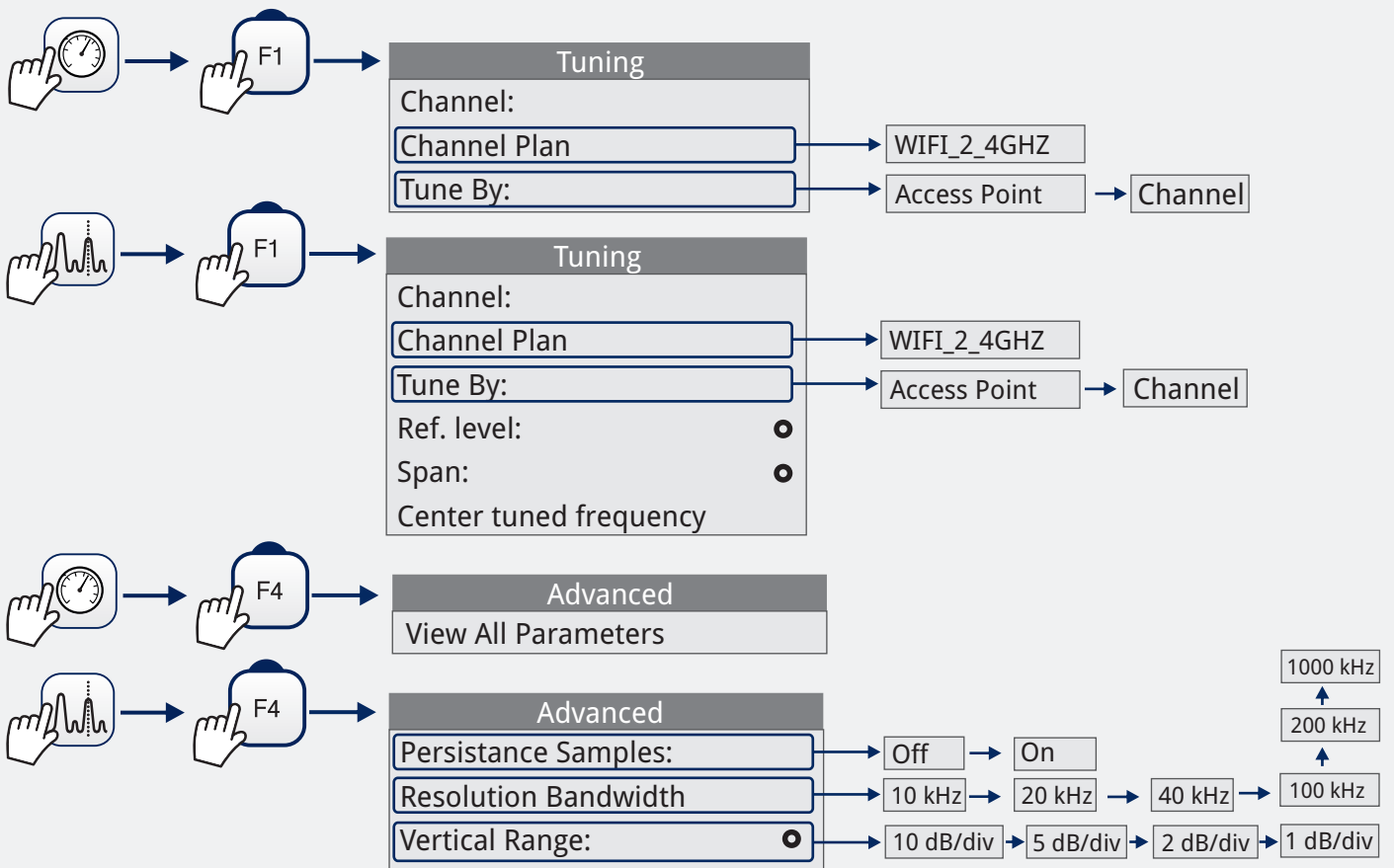
Advanced



WIFI SPECTRUM



WIFI MENUS

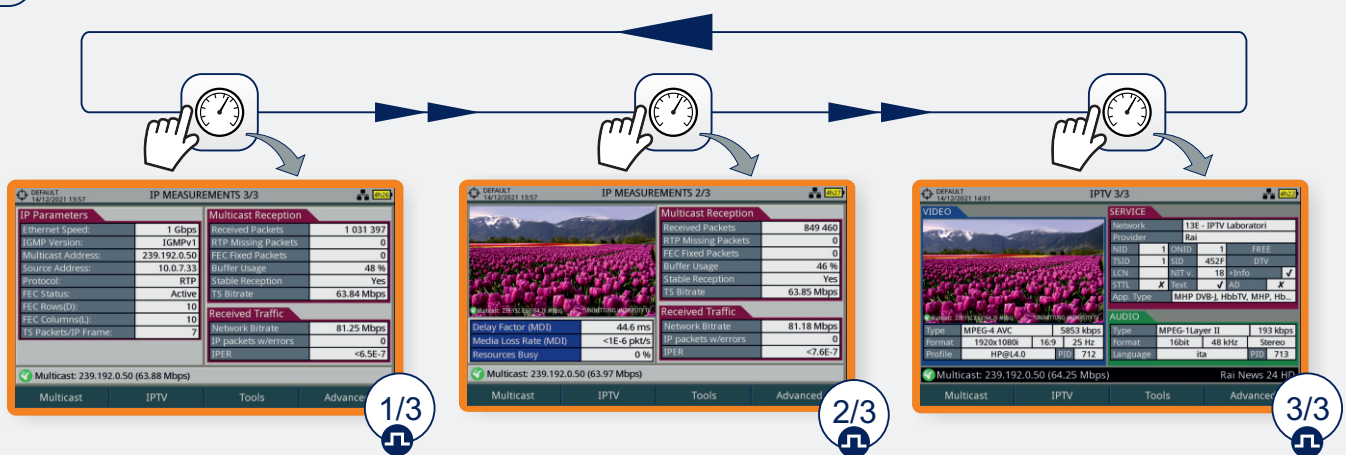


IPTV ip.tv ► SETTINGS

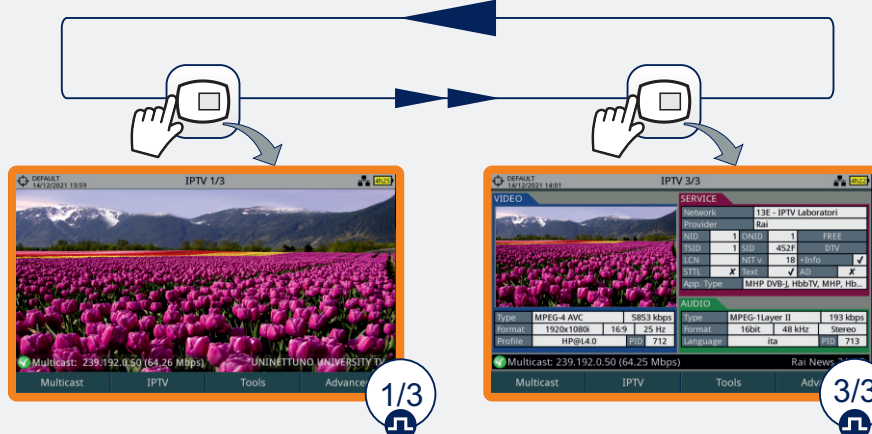


IPTV ip.tv ► SCREENS

IP MEASUREMENTS

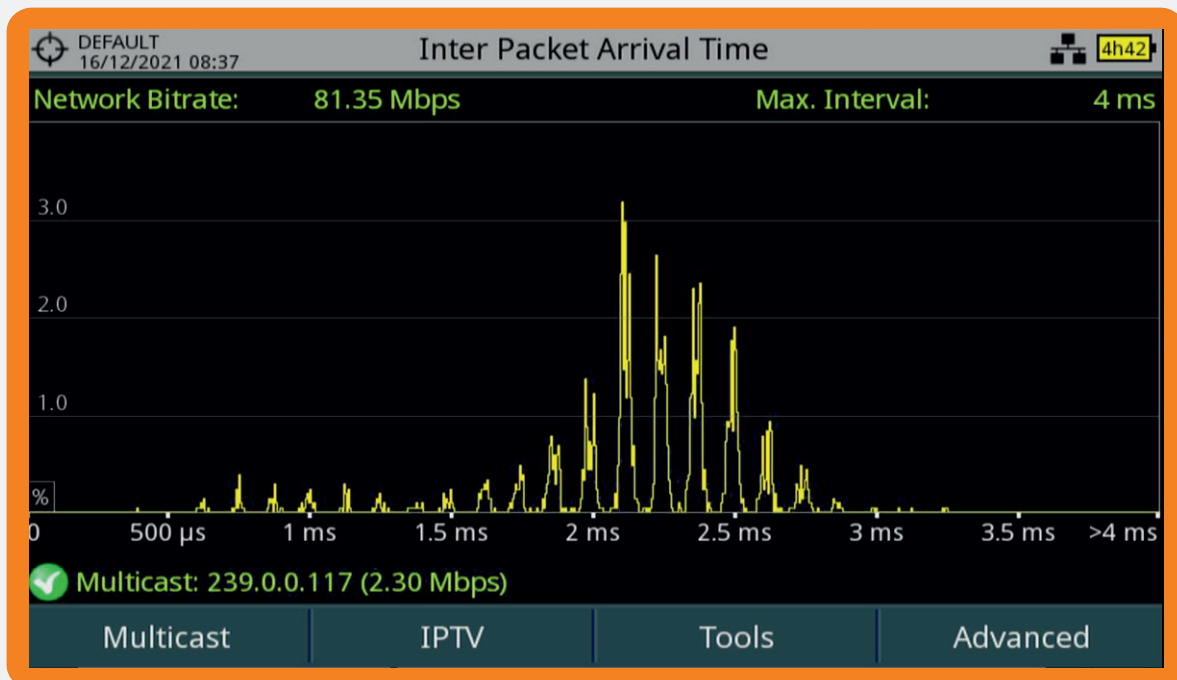


IPTV

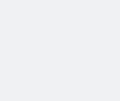
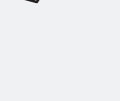
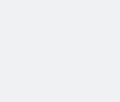
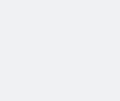
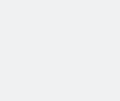




▶ INTER PACKET ARRIVAL TIME



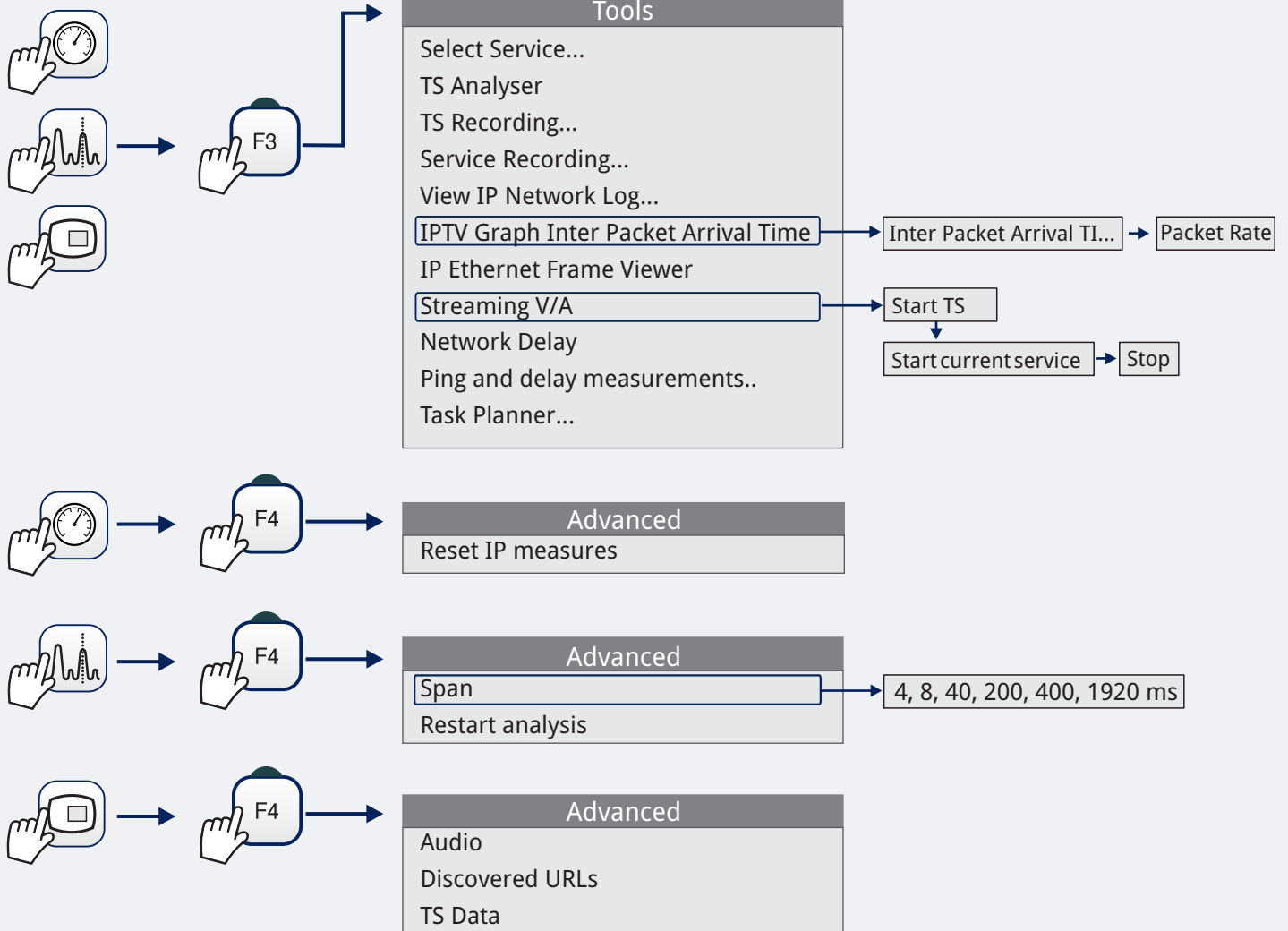
IPTV ip.tv ▶ MENUS



Multicast

Multicast Address
UDP Port:
Select Multicast Address from M3U
Load Mu3 file
Recent Multicast Addresses
Discovered Multicast Addresses
IGMPv3 Server Sources

IP Parameters



OTT streaming (🔊) ▶ SETTINGS



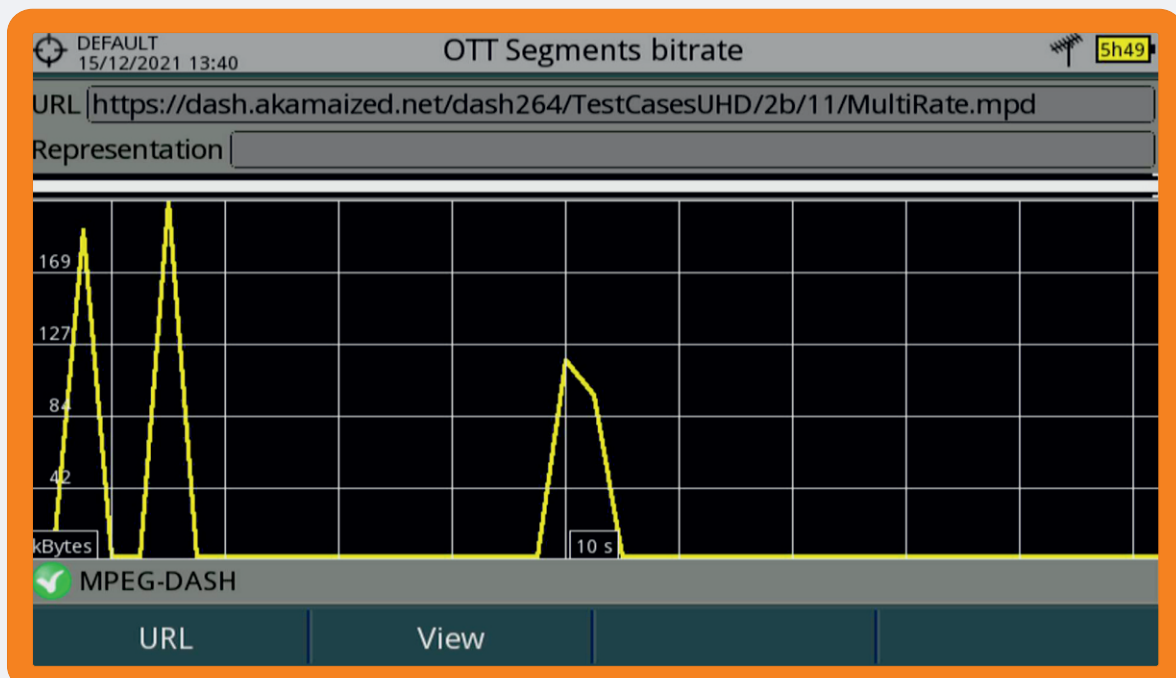
OTT streaming (🔊) ▶ SCREENS



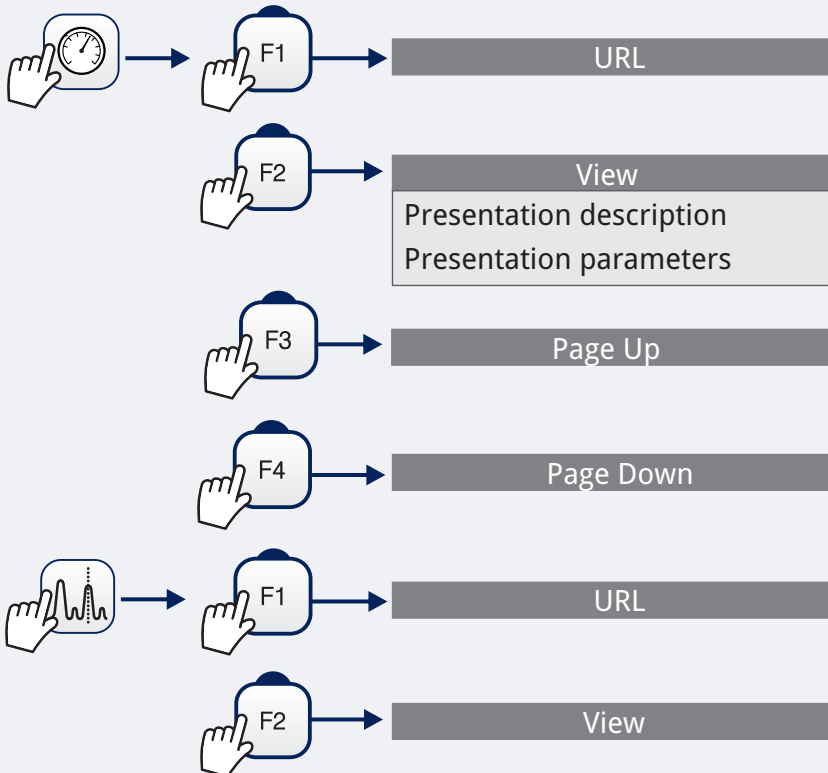
▶ OTT MODE



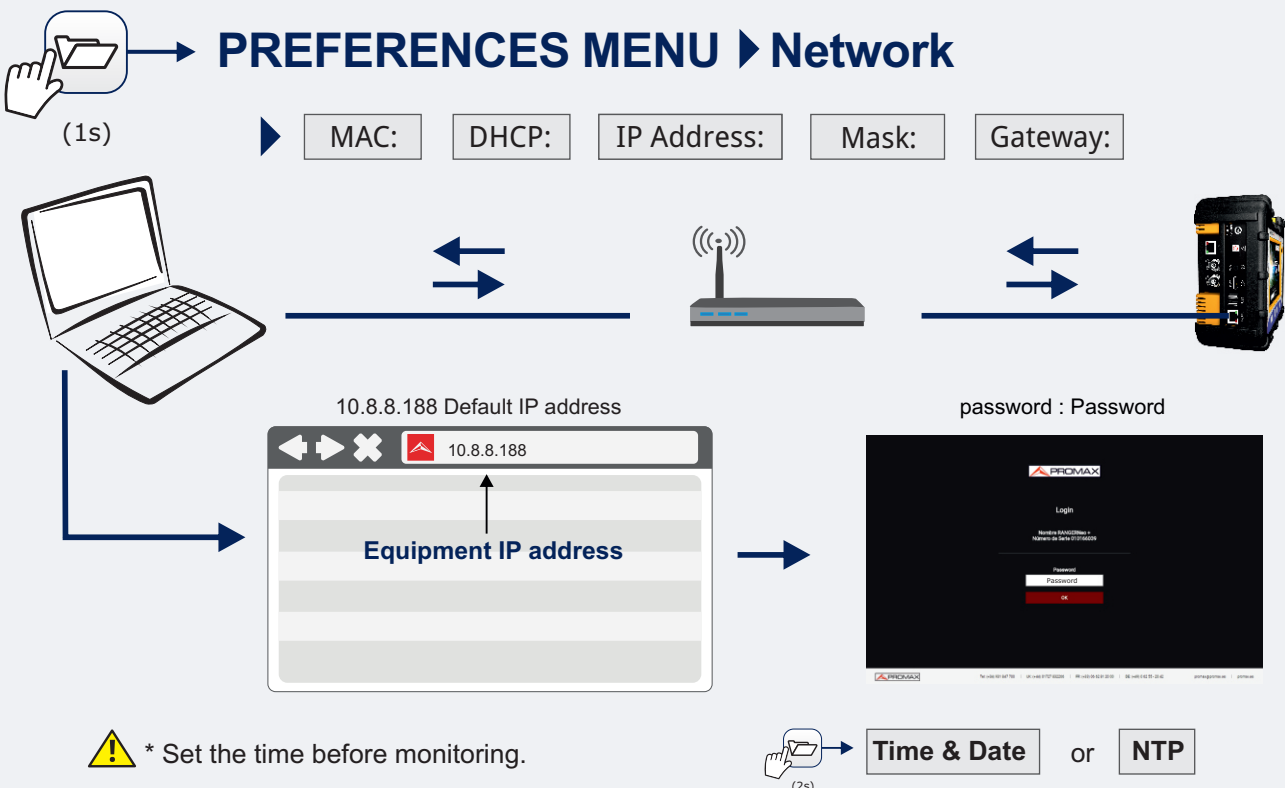
▶ OTT Segment Bitrate



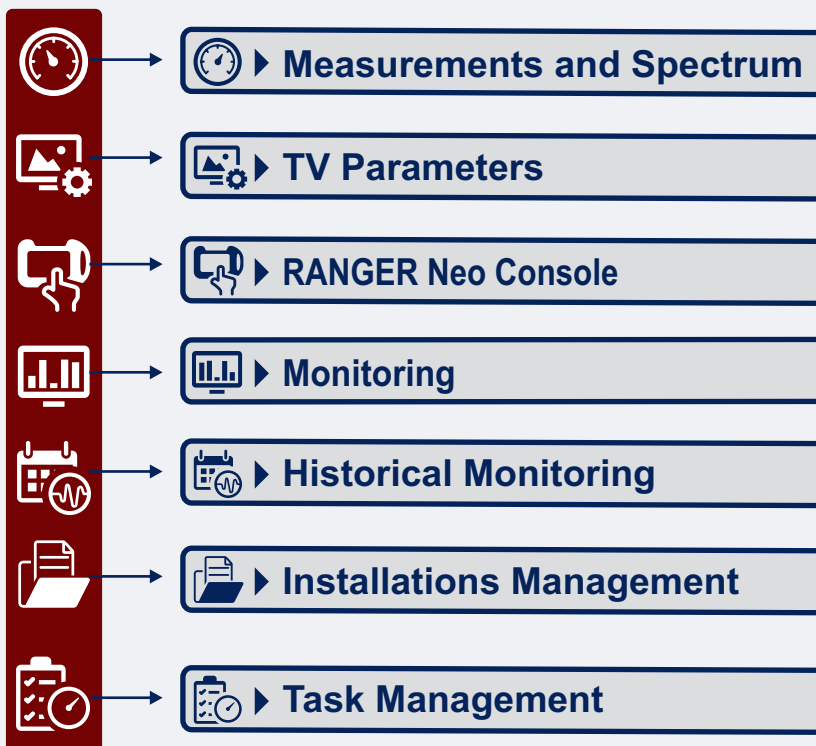
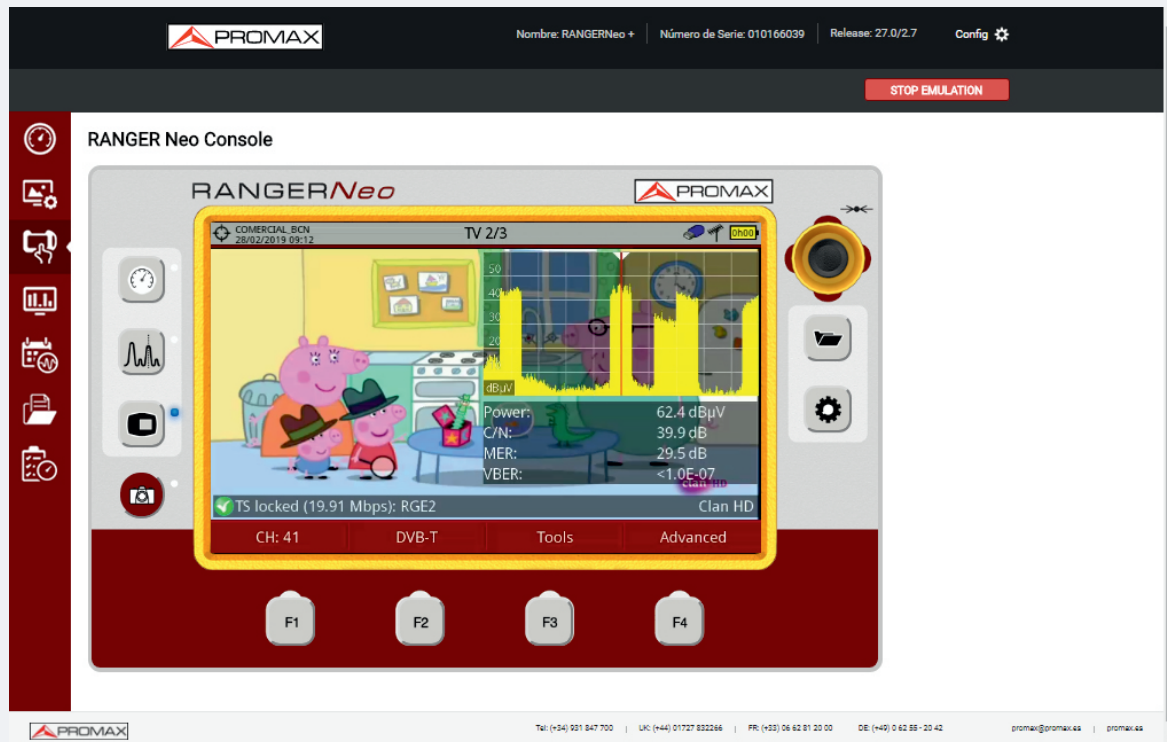
OTT streaming ((▶)) ▶ MENU



webControl (Globe icon) ▶ Network Setting

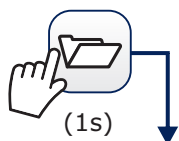


webControl TOOLS





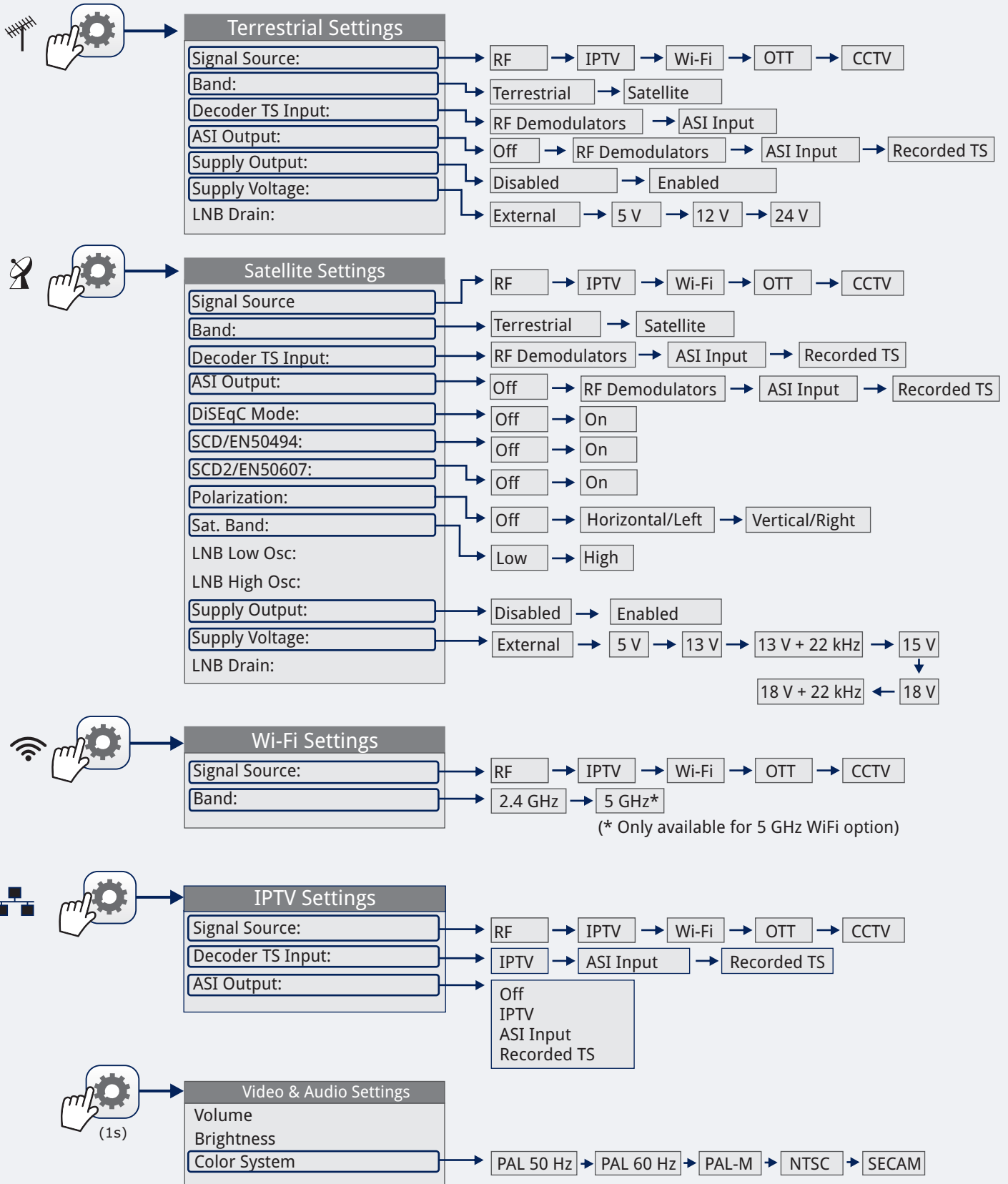
PREFERENCES MENU



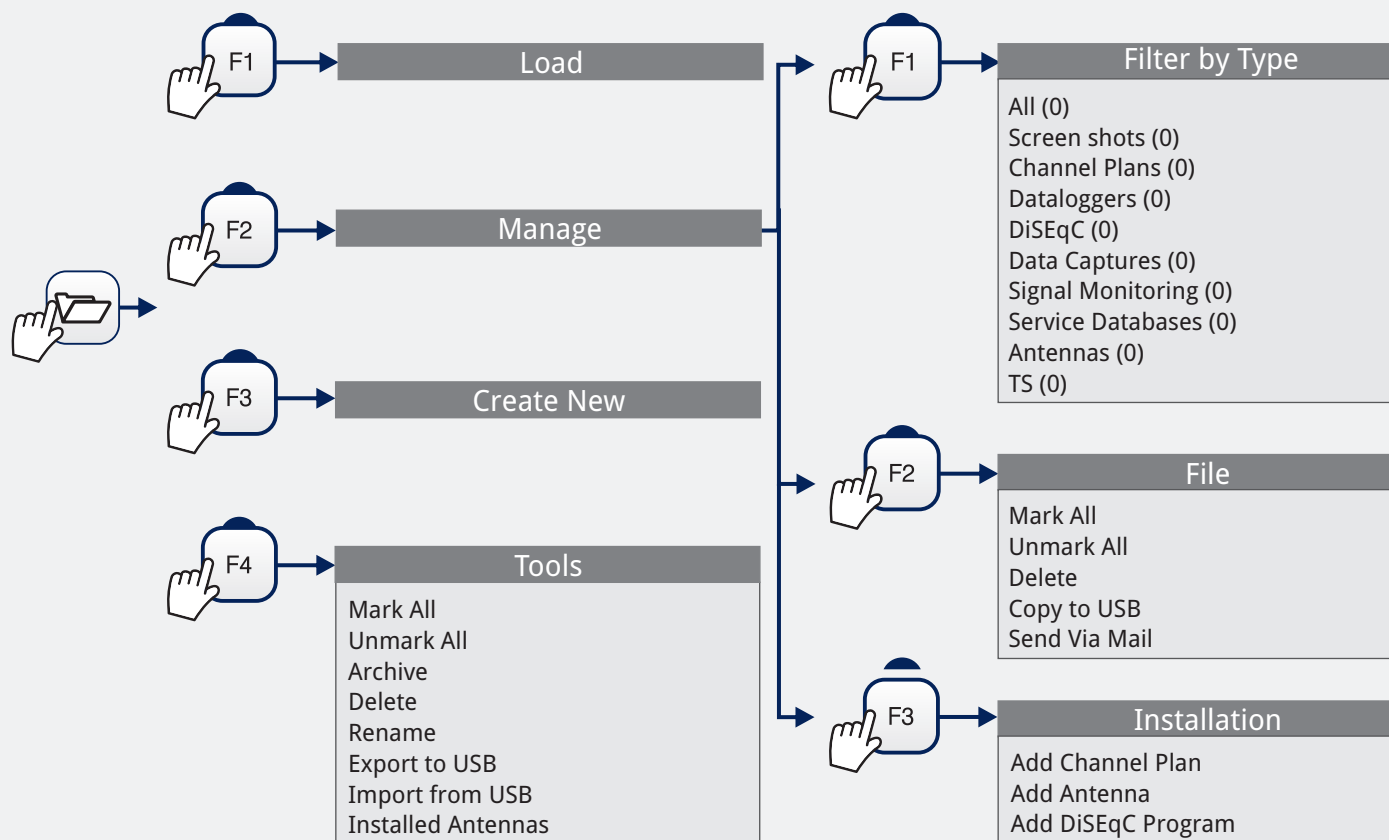
Preferences					
Equipment	Provider Name	SN Release	Date Free System Memory	Free Data Memory Company	Usuario
Appearance	Language: Skin:	Power Off: Brightness:	Background: Batt. Time:	TFT Screen: Color System:	Values Format:
Time & Date	Date:	Time:	Date Format:	Time Zone:	
Measures	Terrestrial Units:	Sat. Band:	Position Tone:	Min TER. Level:	Power Offset:
	Satellite Units:	Ref. level:	Min TER Power:	Min. FM. Level:	
	Optical Units:	Ter. Downlink:	Min. SAT Power:	Inp Impedance:	
Tools	Datalogger PSI:	Export button:	LTE Filter F. Max:	Moni. ddbb loc. Watchdog	
	Data base services:	LTE Filter F. Min:	Center Freq:		
Stealth-ID	Terrestrial	☐ ANALOG	☐ FM	☐ DVB-T	☐ DVB-C
			☐ DAB	☐ ISDB-T	☐ DVB-C2
				☐ DVB-T2	☐ QAM (J83B)
	Satellite	☐ DVB-S	☐ DVB-S2	☐ DSS	
Security	PIN Code 1234				
IPTV	MAC:	DHCP:	IP Address:	Mask	Gateway: IGMP Version:
Network	MAC:	DHCP:	IP Address:	Mask:	Gateway:
Streaming V/A	IP Address:	Port:			
SNMP	SNMP Configuration	SNMPv1	SNMPv2		
SMTP	Enable	Server IP address	Server port	From e-mail address	Connection type Authentication required
NTP	Enabled	Server URL address	Test Configuration		



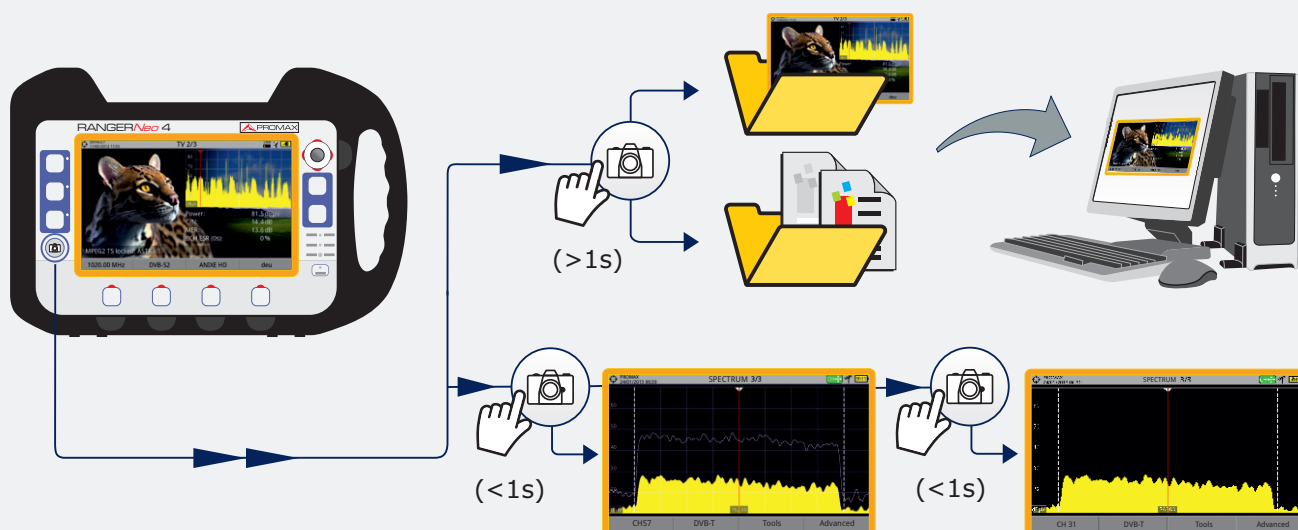
SETTINGS MENU



INSTALLATION MANAGEMENT



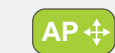
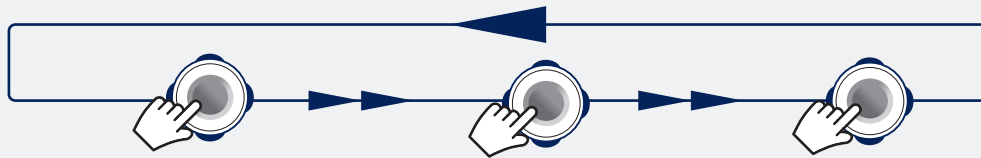
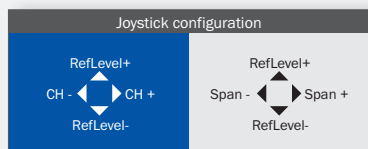
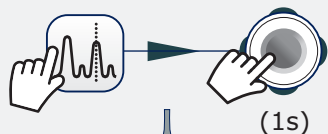
EXPORT* IMAGE / DATA / SPECTRUM REFERENCE



* Export settings in Preferences



▶ JOYSTICK



Access Point
change



Frequency
tuning



Channel
tuning

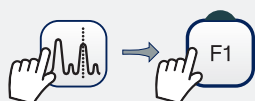


SPAN
Change



Marker moving
(Marker ON)

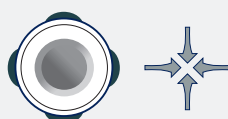
PARAMETER EDITION



Tuning	
Channel:	44
Channel Plan	CCIR ▶
Tune By:	Channel ▶
Center Freq:	658.00 MHz ●



Tuning	
Channel:	44
Channel Plan	CCIR ▶
Tune By:	Channel ▶
Center Freq:	658.00 MHz ●



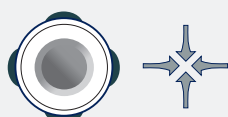
Tuning	
Channel:	44
Channel Plan	CCIR ▶
Tune By:	Channel ▶
Center Freq:	658.00 MHz ●



Tuning	
Channel:	44
Channel Plan	CCIR ▶
Tune By:	Channel ▶
Center Freq:	658.00 MHz ●

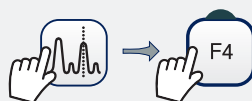


Tuning	
Channel:	44
Channel Plan	CCIR ▶
Tune By:	Channel ▶
Center Freq:	658.10 MHz ●



Tuning	
Channel:	44
Channel Plan	CCIR ▶
Tune By:	Channel ▶
Center Freq:	658.10 MHz ●

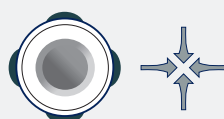
PARAMETER SELECTION



Advanced	
Average	0 ●
Spectrum Line	Outline ▾



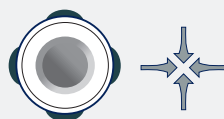
Advanced	
Average	0 ●
Spectrum Line	Outline ▾



Advanced	
Average	0 ●
Spectrum Line	Outline ▾
	Outline
	Solid
	Trans.



Advanced	
Average	0 ●
Spectrum Line	Outline ▾
	Outline
	Solid
	Trans.

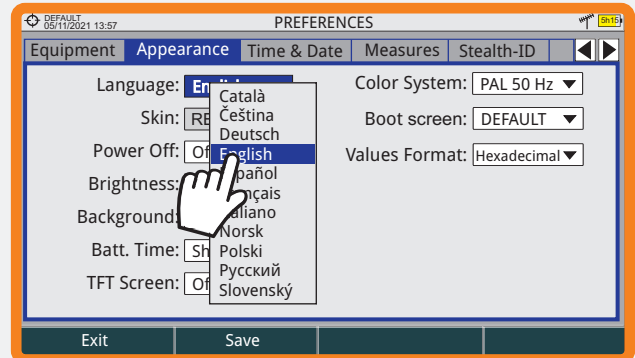
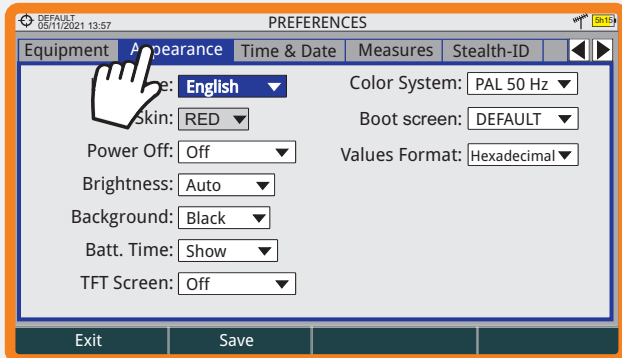


Advanced	
Average	0 ●
Spectrum Line	Solid ▾

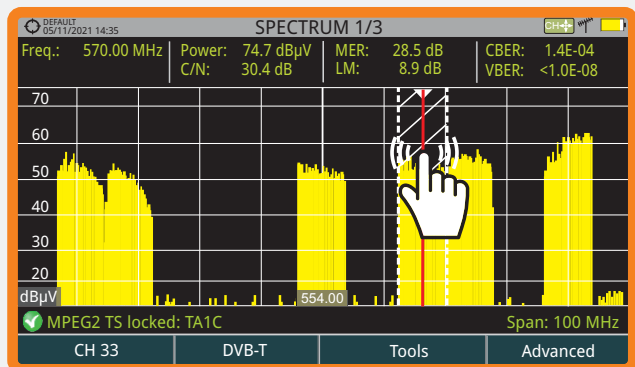
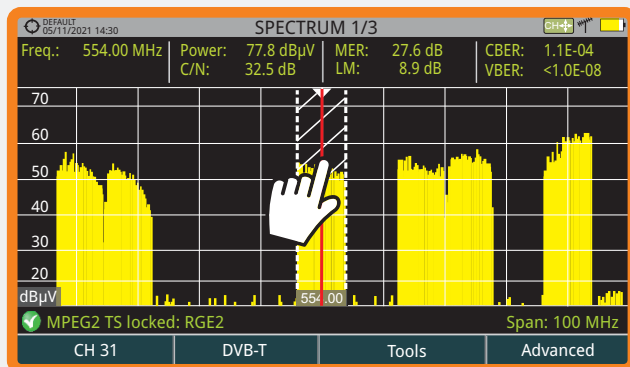


TOUCH SCREEN

MENU SELECTION



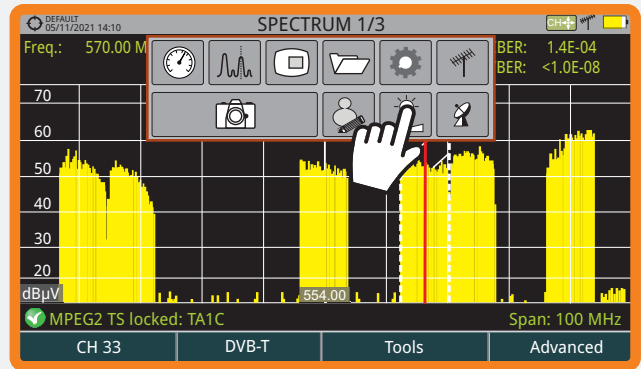
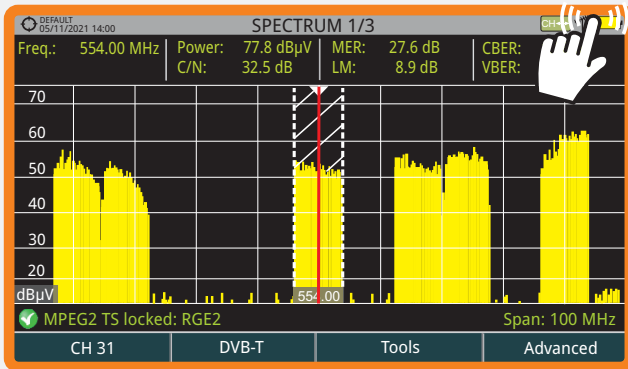
FREQUENCY SELECTION



VIRTUAL KEYBOARD WRITING



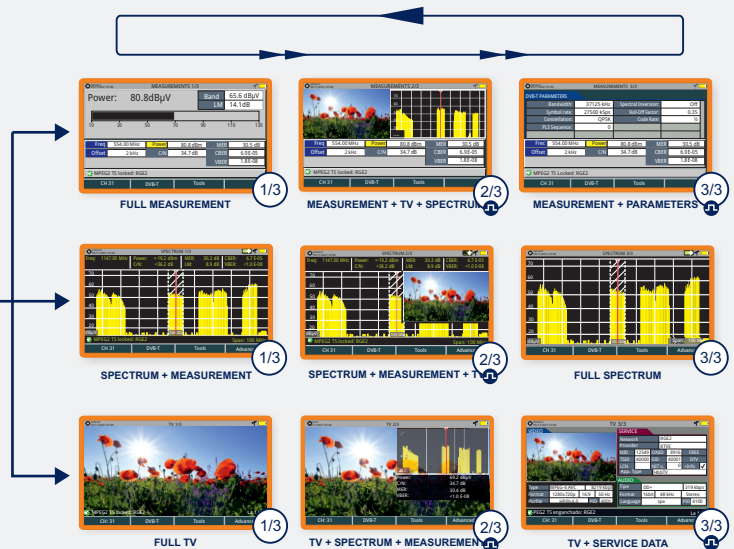
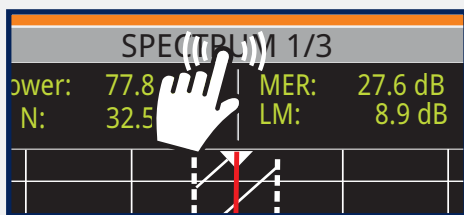
TOOLBAR



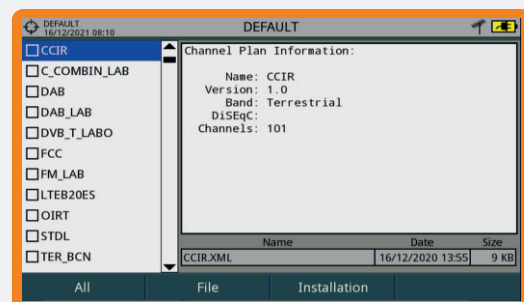
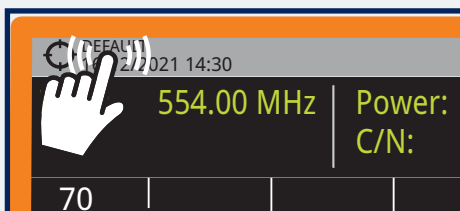
TOOLBAR ICONS

- | | | | | | |
|--|--------------------------|--|------------------|--|------------------------|
| | Measurement Mode | | Settings | | Video & Audio Settings |
| | Spectrum Analyser Mode | | Terrestrial Band | | Preferences |
| | TV Mode | | Satellite Band | | Screen Capture |
| | Installations Management | | | | |

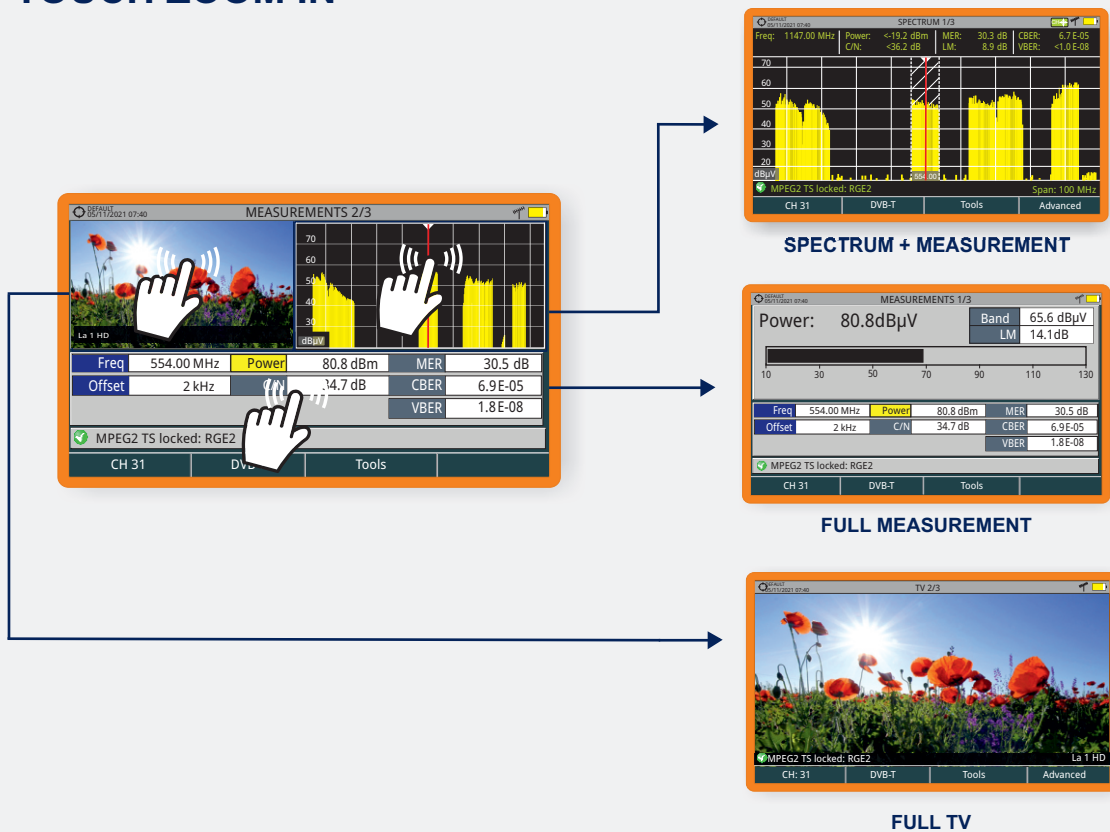
MODE SCREENS



INSTALLATIONS MANAGEMENT



▶ ONE-TOUCH ZOOM IN



TOP VIEW



15 **FC-APC connector**
(optical signal input) *

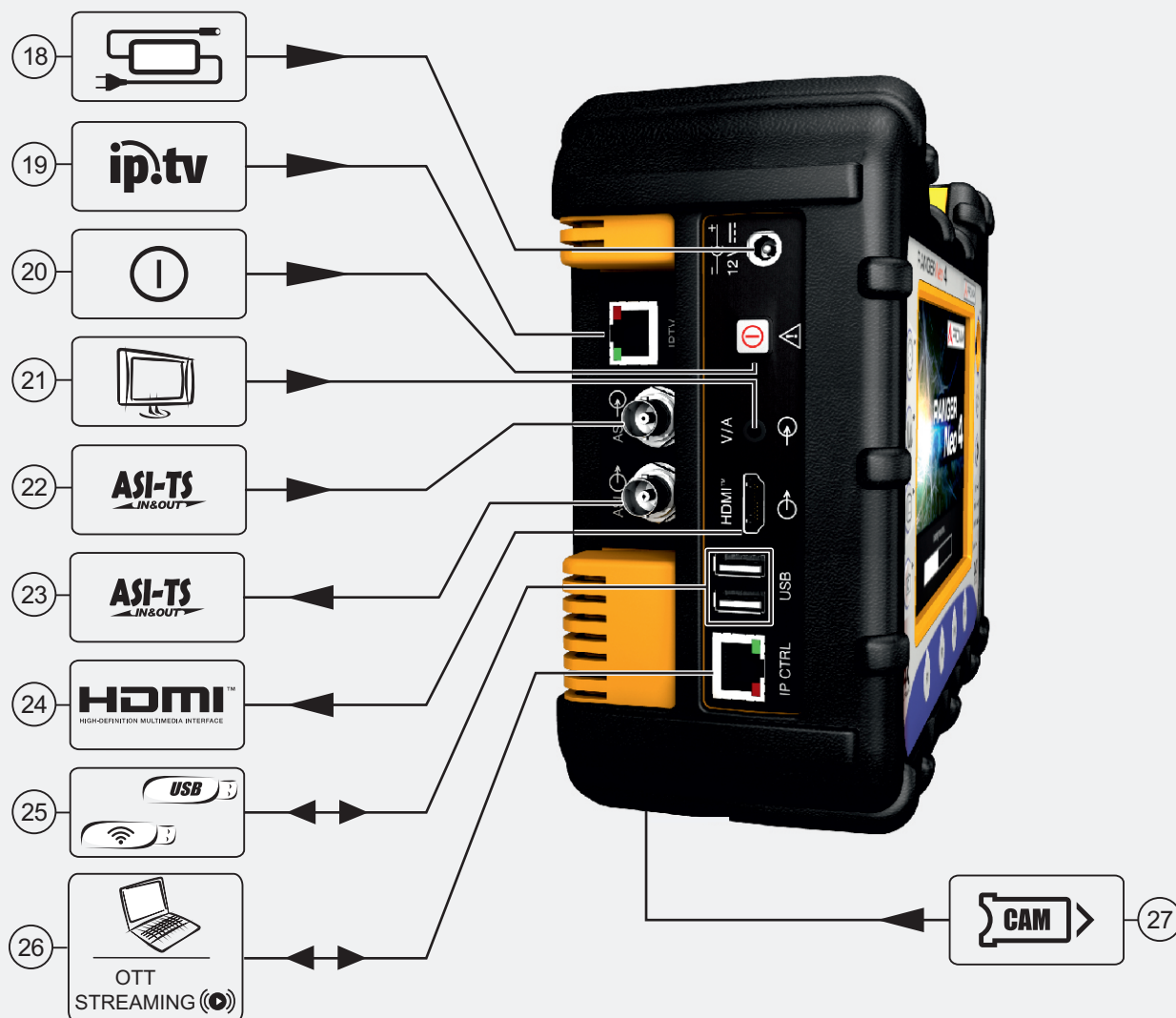
16 **1PPS (pulse per second)**
input connector

17 **SMA connector**
(RF aux. Input signal) *

18 **RF input connector**

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

SIDE VIEW



- ①⑧ **Power** input connector
- ①⑨ **ETHERNET** connector
- ②⑦ **ON/OFF** button
- ②① **Video/Audio** input
- ②② **ASI-TS** input

- ②③ **ASI-TS** output
- ②④ **HDMI™** output
- ②⑤ **USB** connectors
- ②⑥ **ETHERNET** connector for PC (Webserver**, NetUpdate)
- ②⑦ Input connector for **CAM** module*

* not included ** password: Password



RESET

If the device crashes, press the ON/OFF button for 10 seconds. If the device does not respond then press the F4 key for 6 seconds and then release to reset (see user's manual for more information).

