

FRONT VIEW



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**
- 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)

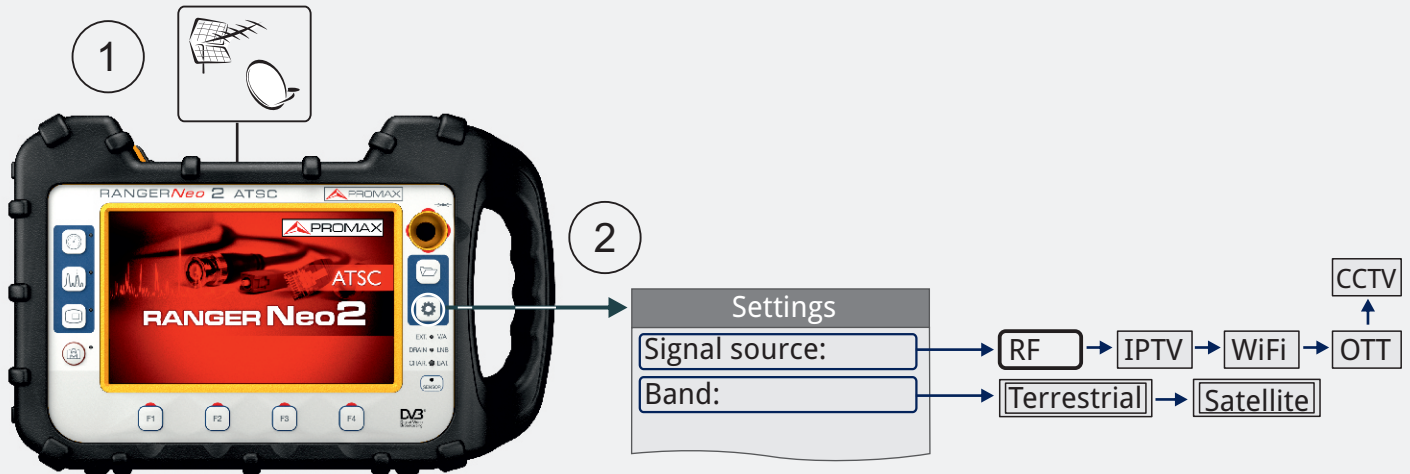
OFF: (2s)



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

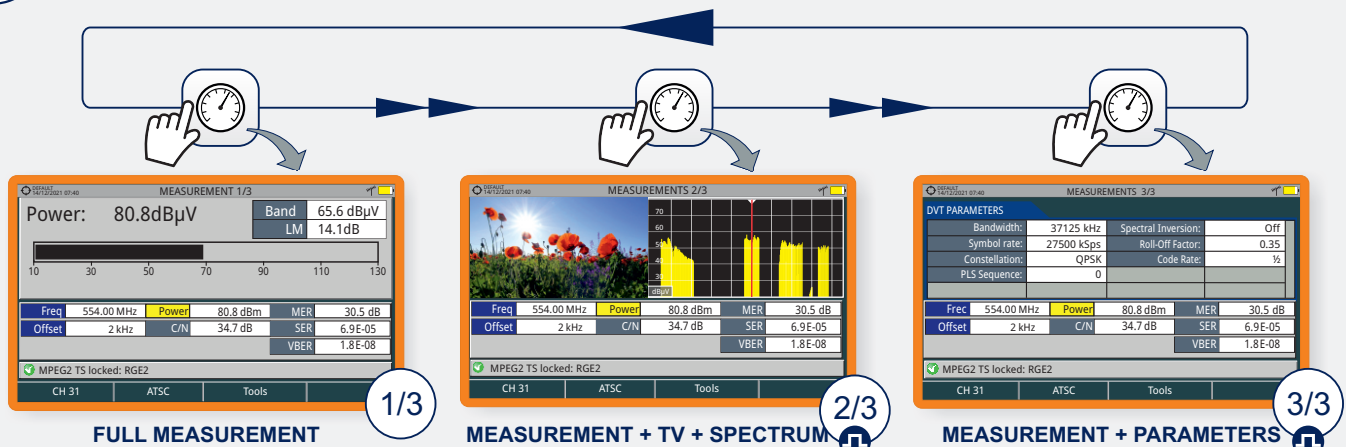
Find the user's manual on the download area at: www.promaxelectronics.com

RF ► SETTINGS

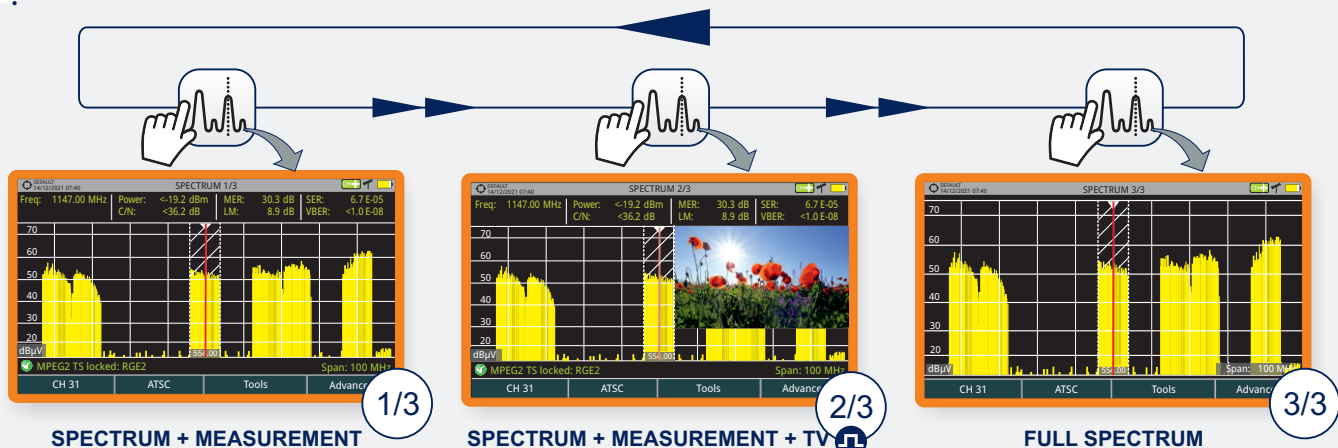


RF ► SCREENS

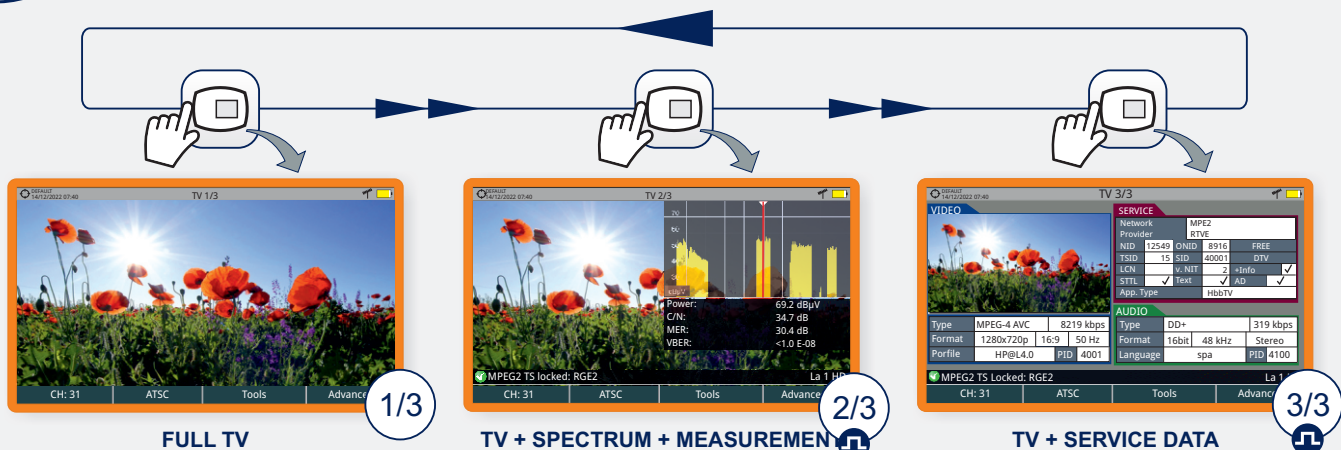
► MEASUREMENT



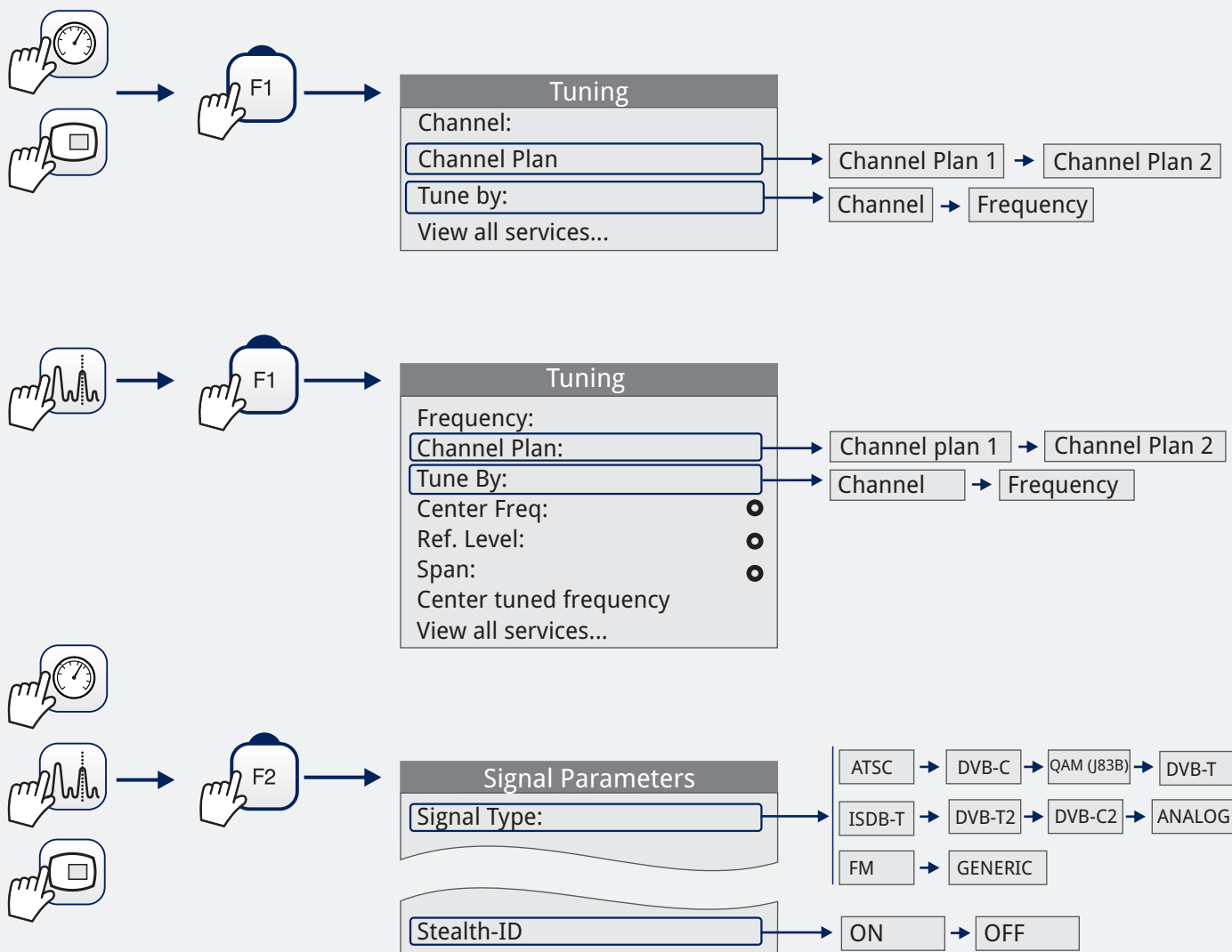
► SPECTRUM ANALYSER

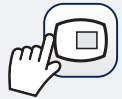


TV MODE



RF MENUS





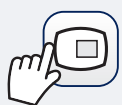
Tools

- Select Service...
- Signal Monitoring → Single Channel → Channel Plan
- Explore Channel Plan
- Discover FM Stations
- Field Strength: → Off → On
- Datalogger → New... → Test & Go
- TS Analyser → Tables → Bitrates → Alarms → PID List → T2MI
- 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 → Tilt → Scan
- Power Off



Advanced

- Average: ○
- Spectrum Line: → Outline → Solid → Transparency
- Tone Level: → Off → On
- Marker: → Off → On
- Marker Trace: → Normal
- Marker Trace: → Off → Permanent → Curtain
- Max.Hold: → Off → Permanent → Curtain
- Min.Hold: → Off → On
- Persistence: → PEAK → RMS
- Detector Type::
- Resolution Bandwidth → 2 kHz → 10 kHz → 20 kHz → 40 kHz → 100 kHz
- Vertical Range: → 10 dB/div → 5 dB/div → 2 dB/div → 200 kHz
- Dashed BW: → Off → On → 1 dB/div → 1000 kHz
- Reference: → Set → Clear



Advanced

- Audio: (🔊)
- Discovered URLs: (🔍)
- TS Data: (🔍)

WIFI ► SETTINGS



WIFI ► SCREENS



► SITE SURVEY

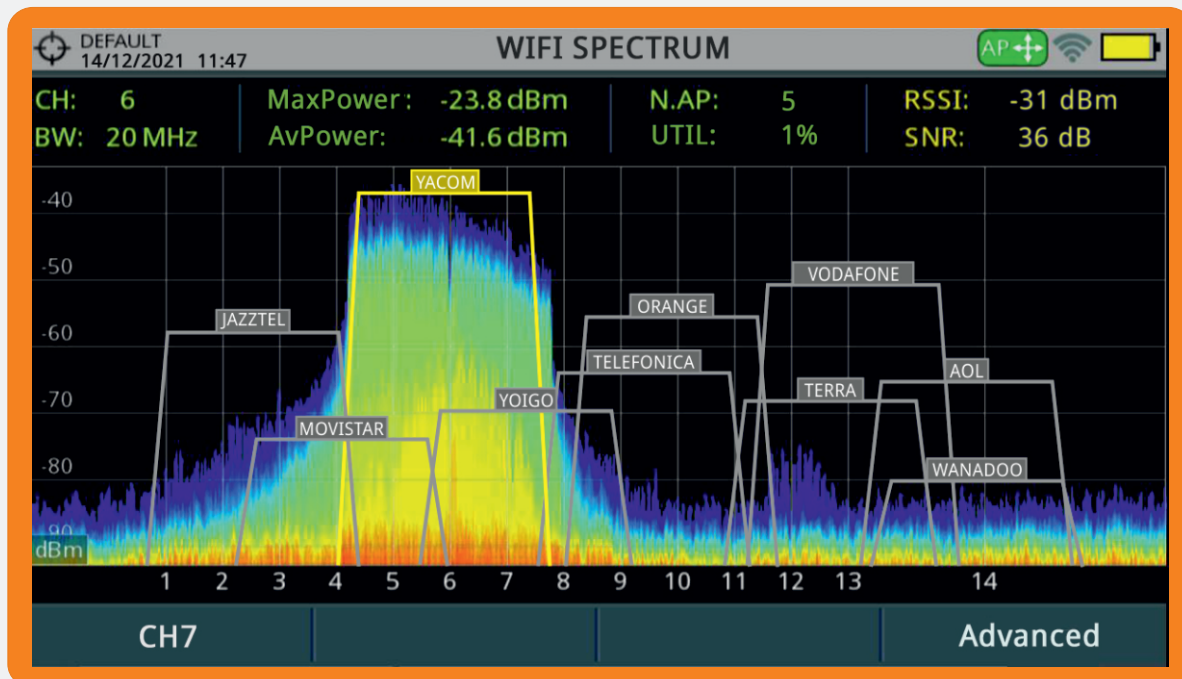
PROMAX 14/12/2021 12:10 SITE SURVEY					
SSID	BSS	CH	RSSI(dBm)	Security	Device
JAZZTEL	01:23:45:67:89:ab	1	-86	WPA	Wireless Router...
MOVISTAR	aa:bb:cc:dd:ee:ff	2	-72	WPA2	WAP6969N
YACOM	98:76:54:32:10:fe	3	-84	WPE	
YOIGO	a1:b2:c3:d4:e5:f6	4	-74	None	
ORANGE	22:44:66:88:ab:cd	5	-70	WPA	
VODAFONE	13:57:92:46:80:31	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

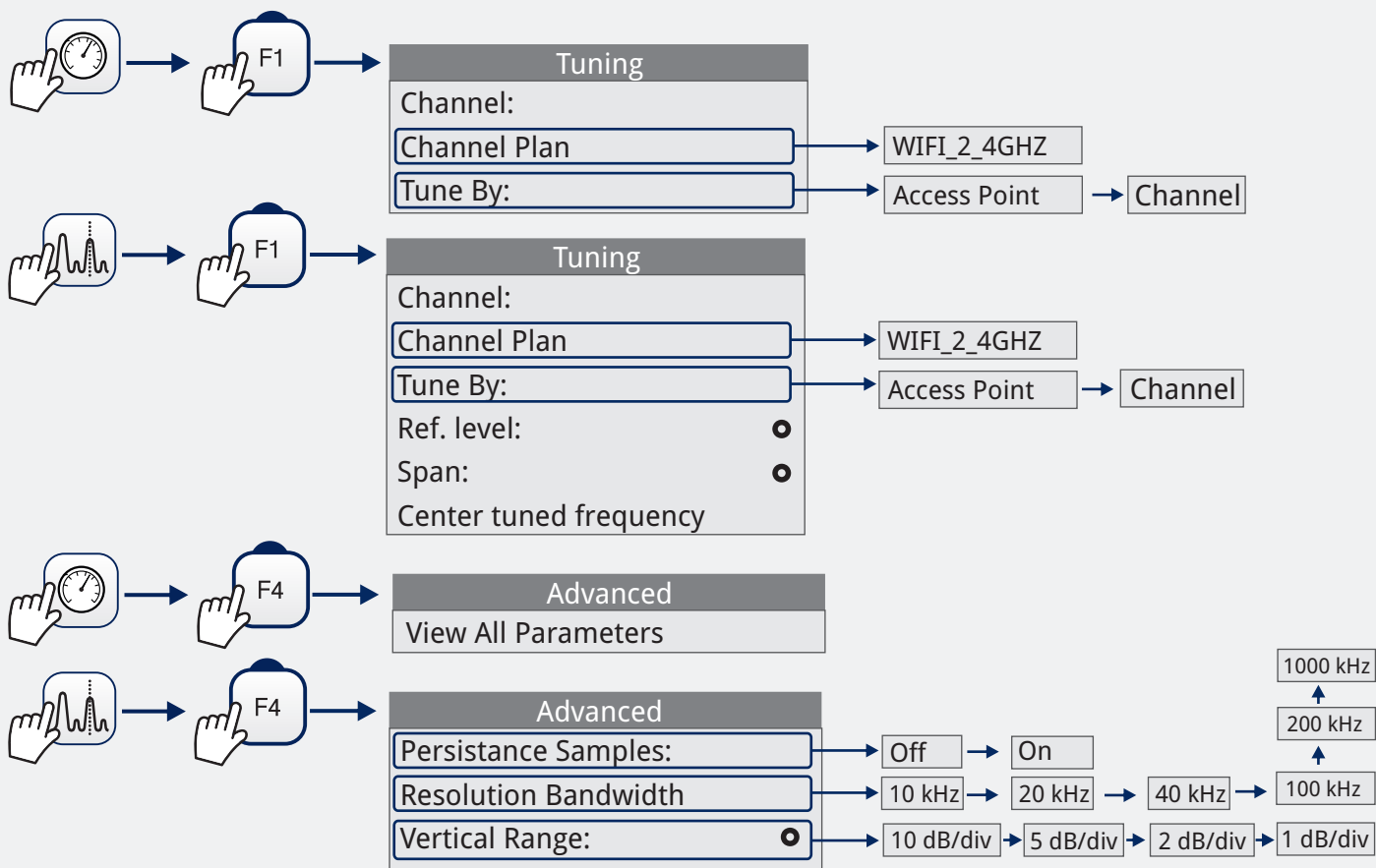
Advanced



WIFI SPECTRUM



WIFI MENUS

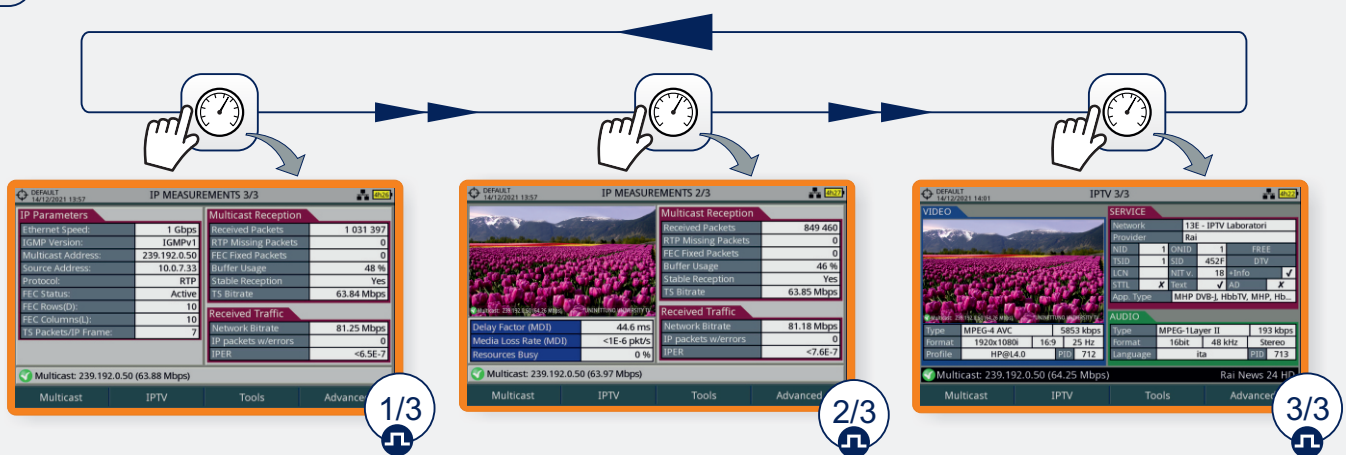


IPTV ip.tv ► SETTINGS

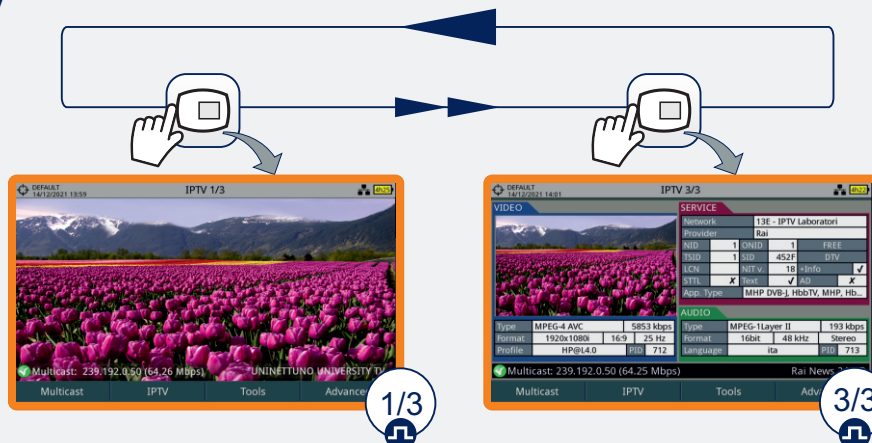


IPTV ip.tv ► SCREENS

IP MEASUREMENTS

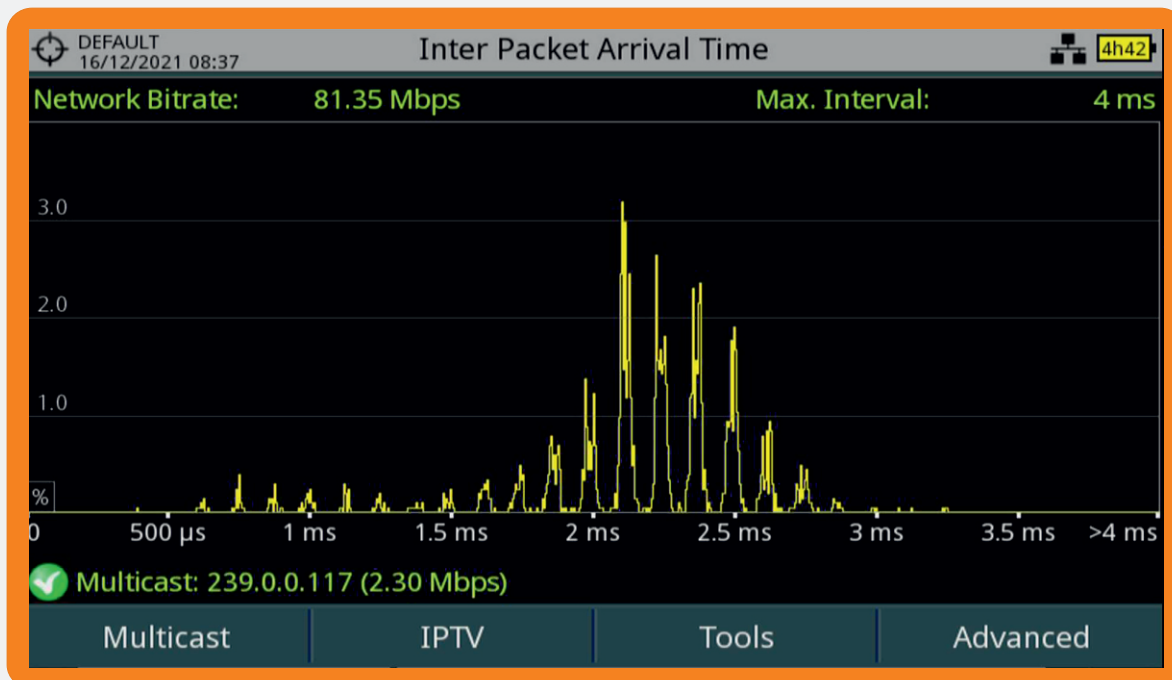


IPTV





INTER PACKET ARRIVAL TIME



IPTV ip.tv MENUS

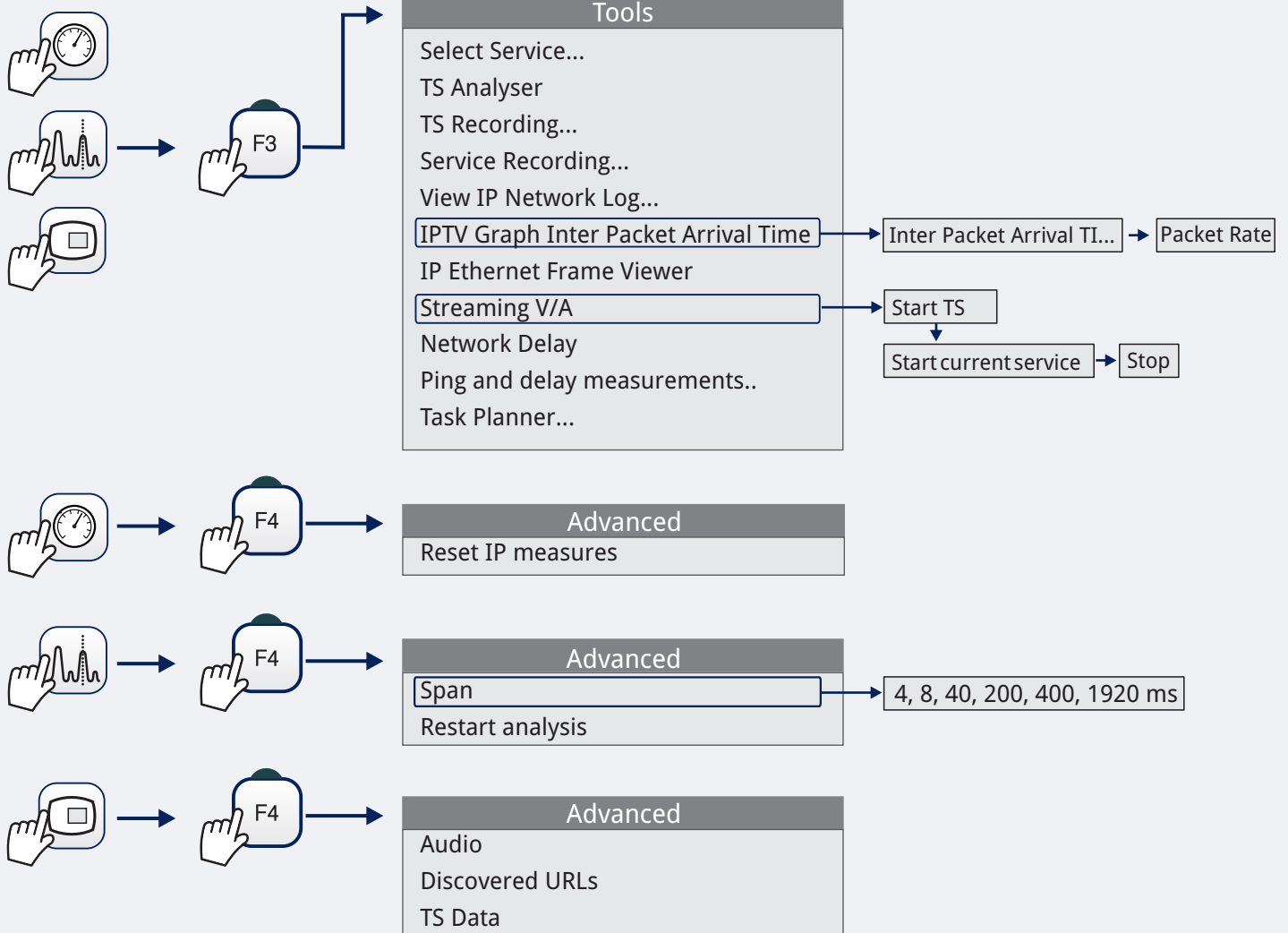


Multicast

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

DEFAULT 15/12/2021 13:39 OTT 1/2 5h51

URL http://media.developer.dolby.com/DolbyVision_Atmos/profile8.1_DASH/p8.1.mpd

Representation

Tests messages

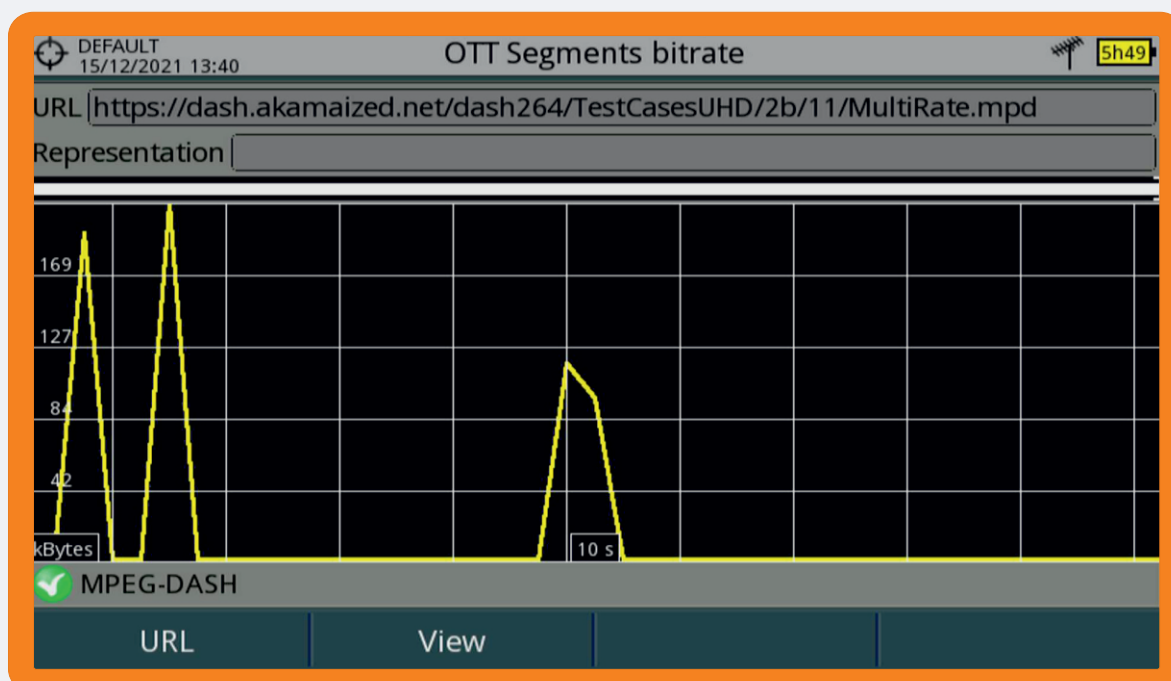
- Segment list is valid
- Segments list details
- URL content is MPD
- MPD type: static
- MPD profiles:
- 'live'

✓ MPEG-DASH

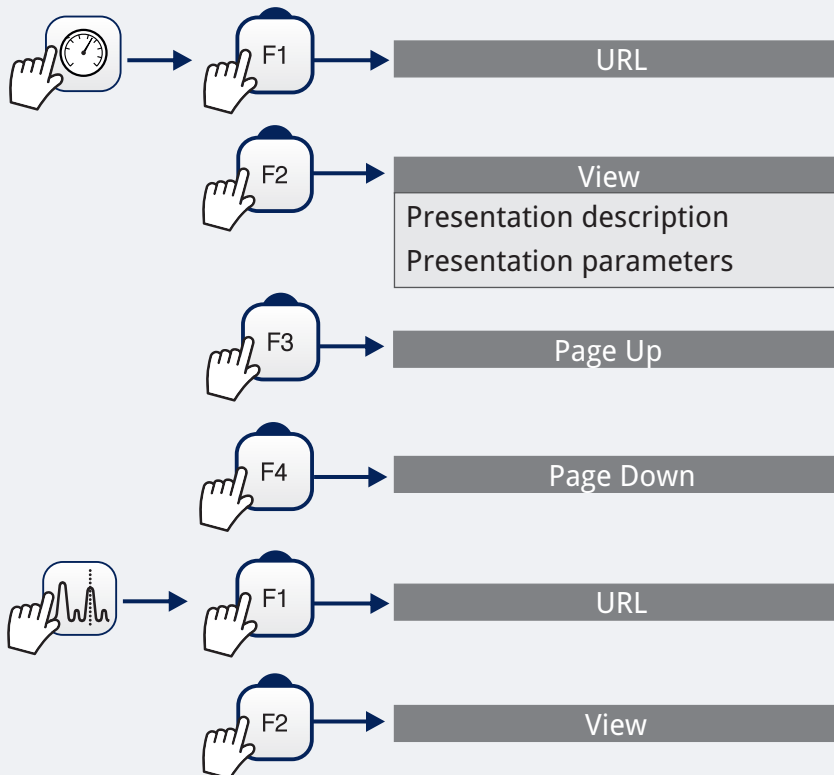
URL View Page Up Page Down



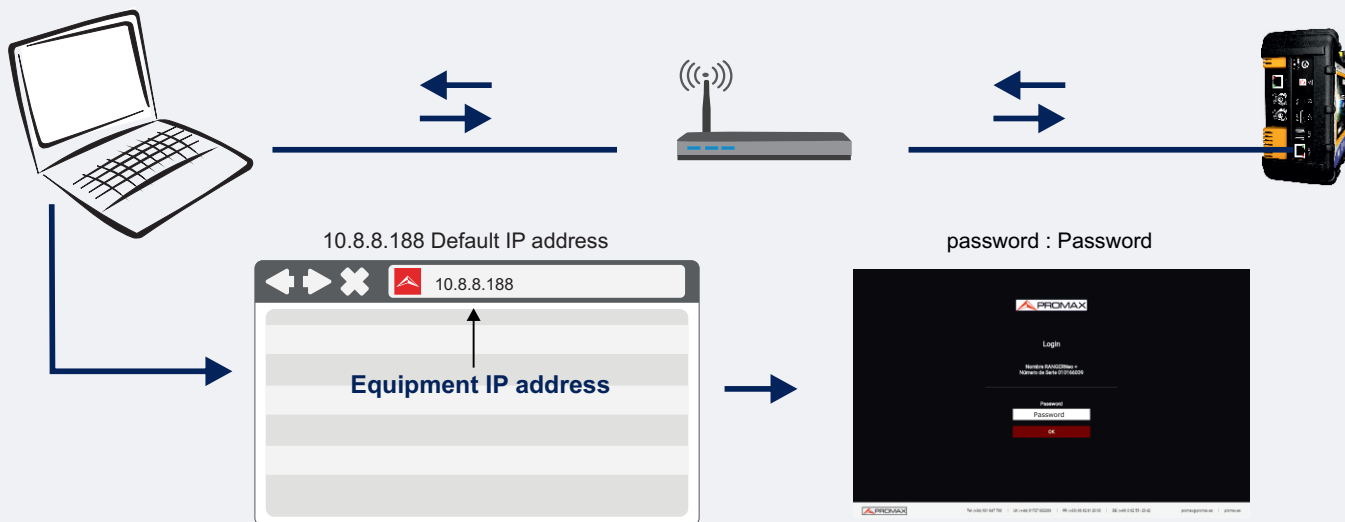
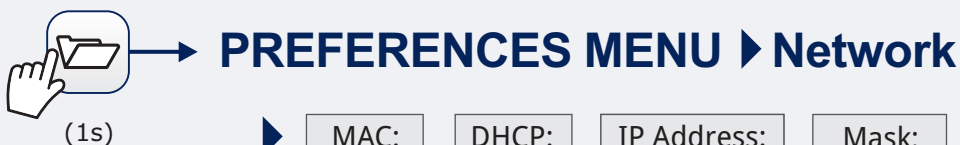
▶ OTT Segment Bitrate



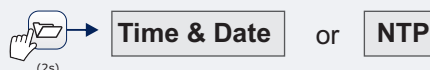
OTT streaming (()) ► MENU



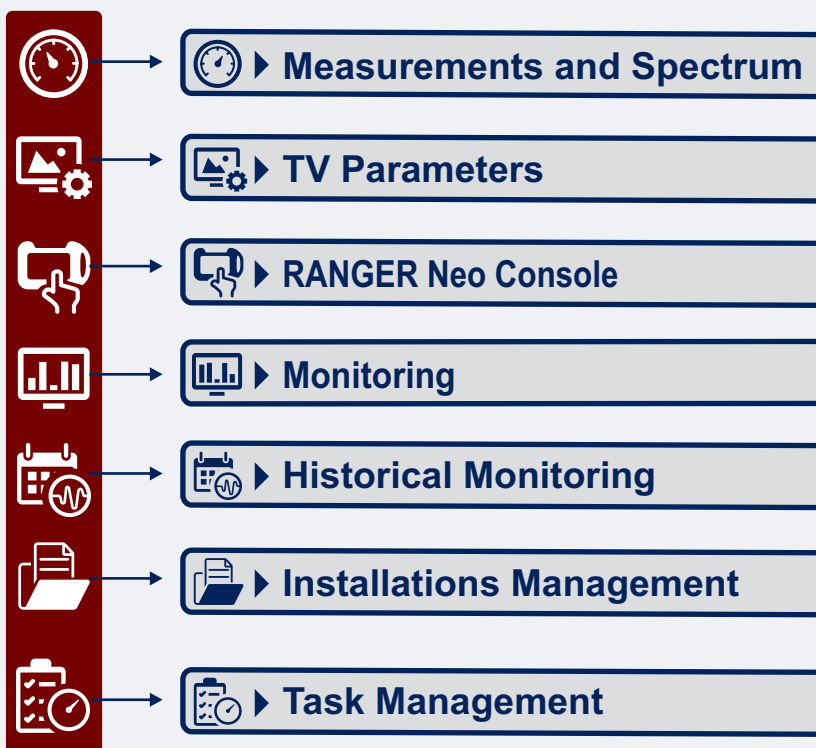
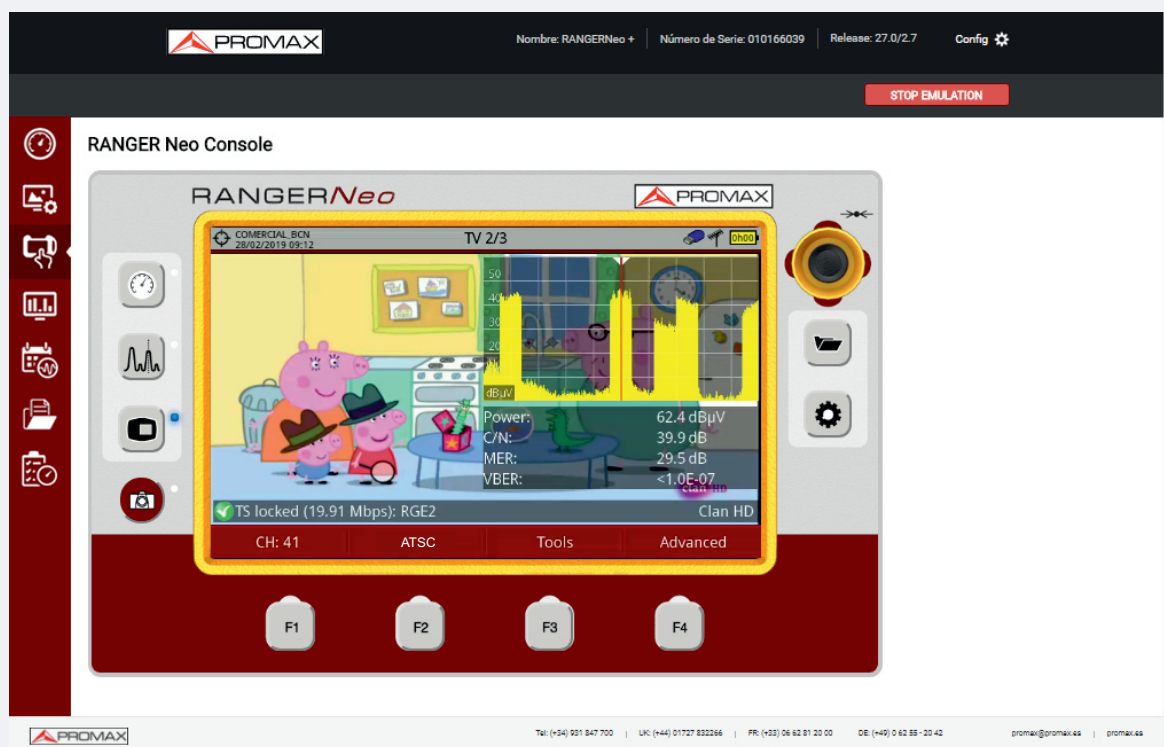
webControl (Globe icon) ► Network Setting



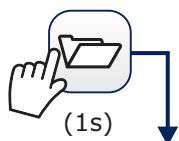
⚠ * Set the time before monitoring.



webControl TOOLS



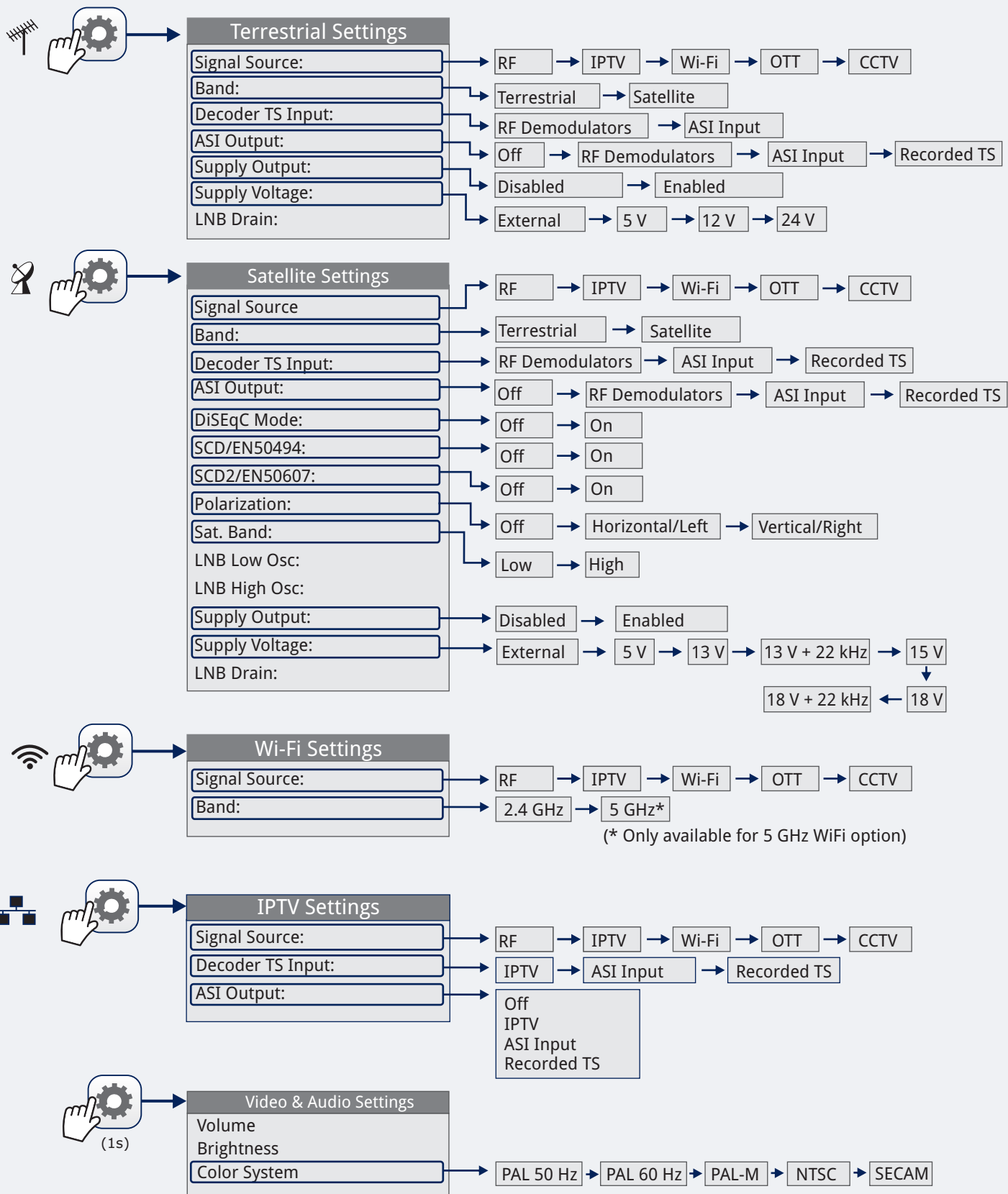
PREFERENCES MENU



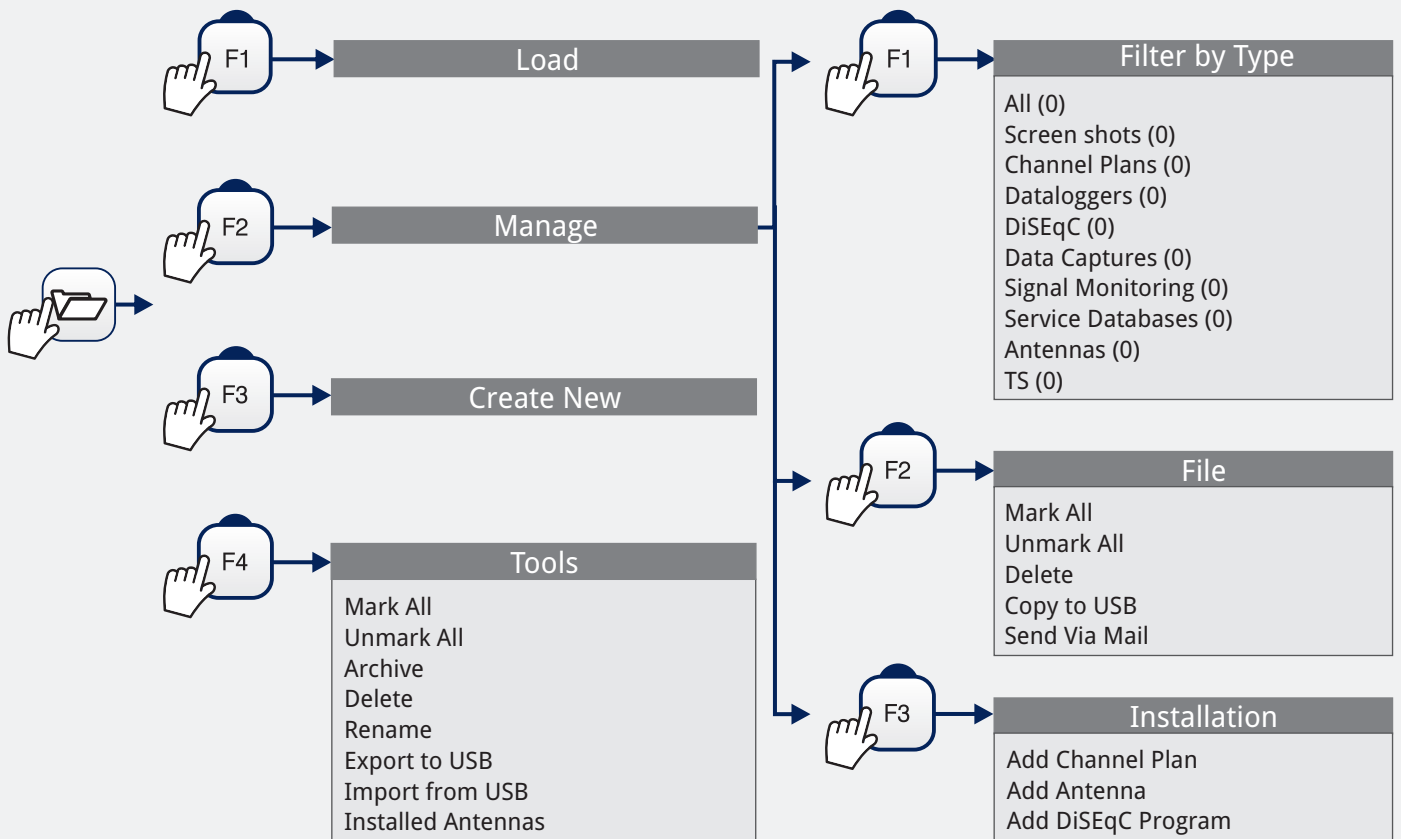
Preferences					
Equipment	Provider Name	SN Release	Date Free System Memory	Free Data Memory Company	Usuario
Appearance	Language: Skin:	Power Off: Brightness:	Background: Batt. Time:	TFT Screen: Color System:	Values Format:
Time & Date	Date:	Time:	Date Format:	Time Zone:	
Measures	Terrestrial Units: Satellite Units: Optical Units:	Sat. Band: Ref. level: Ter. Downlink:	Position Tone: Min TER Power: Min. SAT Power:	Min TER. Level: Min. FM. Level: Inp Impedance:	Power Offset:
Tools	Datalogger PSI: Data base services:	Export button: LTE Filter F. Min:	LTE Filter F. Max: Center Freq:	Moni. ddbb loc. Watchdog	
Stealth-ID	Terrestrial Satellite	☐ ANALOG ☐ DVB-S	☐ FM ☐ DVB-S2	☐ DVB-T ☐ ATSC ☐ DSS	☐ DVB-C ☐ ISDB-T ☐ DVB-C2 ☐ DVB-T2 ☐ QAM (J83B)
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		



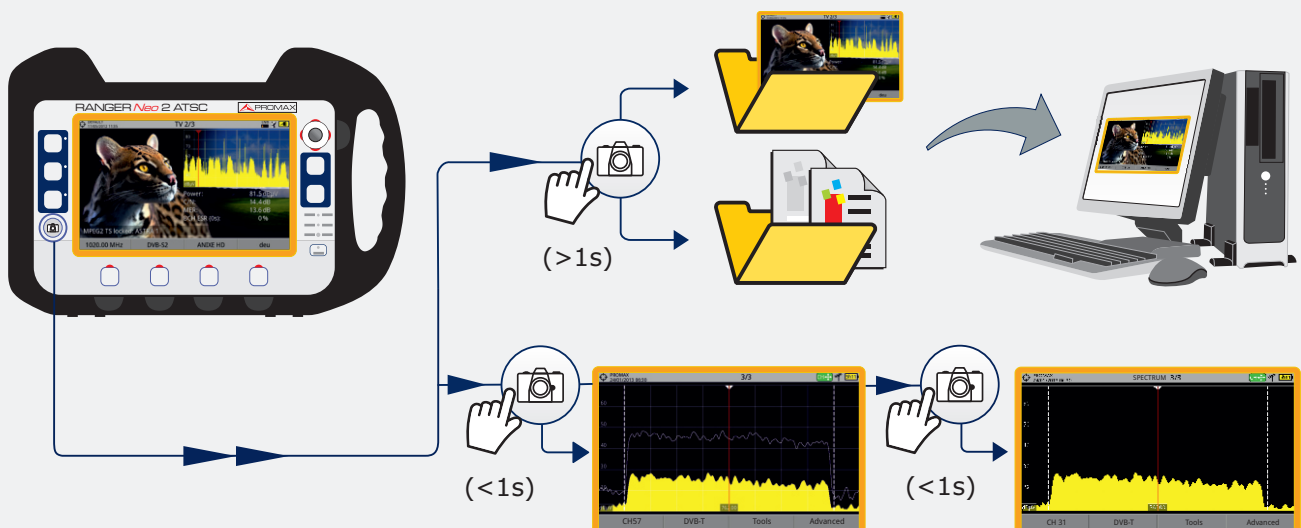
SETTINGS MENU



INSTALLATION MANAGEMENT



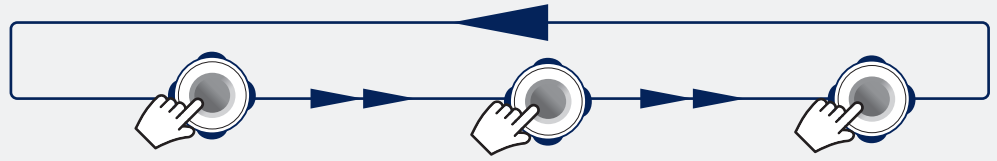
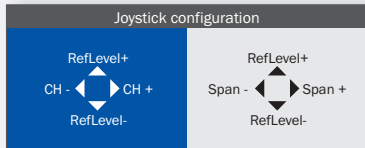
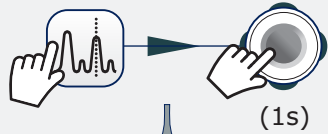
EXPORT* IMAGE / DATA / SPECTRUM REFERENCE



* Export settings in Preferences

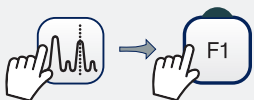


▶ JOYSTICK



AP / **FR** / **CH** **SP** **MK**
 Access Point change Frequency tuning Channel tuning SPAN Change Marker moving (Marker ON)

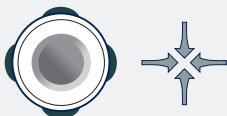
PARAMETER EDITION



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 ●



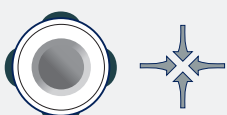
Tuning	
Channel:	44
Channel Plan	CCIR ▶
Tune By:	Channel ▶
Center Freq:	658.00 MHz ●



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

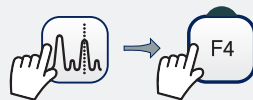


Tuning	
Channel:	44
Channel Plan	CCIR ▶
Tune By:	Channel ▶
Center Freq:	658.10 MHz ●



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

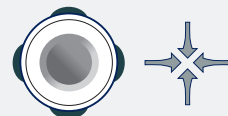
PARAMETER SELECTION



Advanced	
Average	0 ●
Spectrum Line	Outline ▾



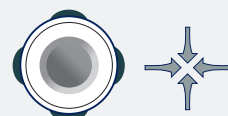
Advanced	
Average	0 ●
Spectrum Line	Outline ▾



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



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

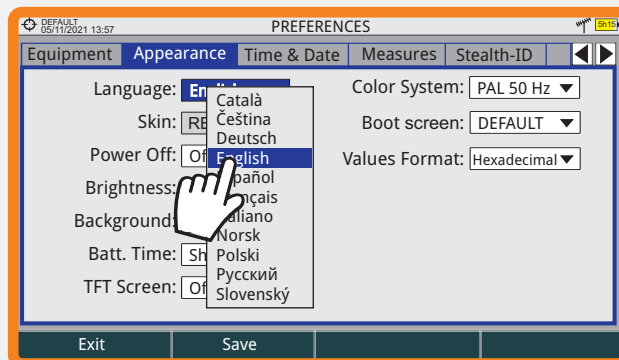
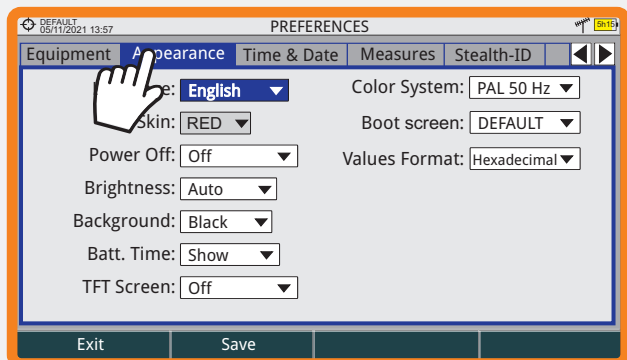


Advanced	
Average	0 ●
Spectrum Line	Solid ▾

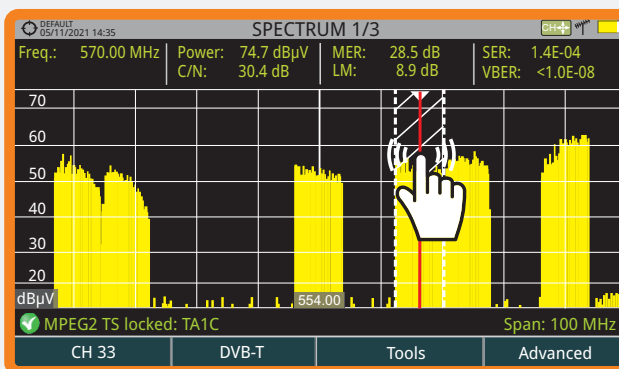
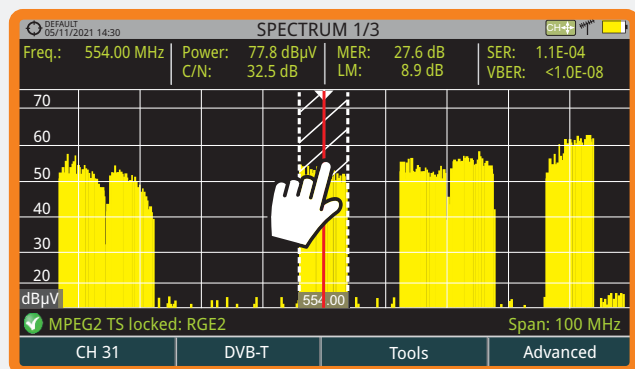


TOUCH SCREEN

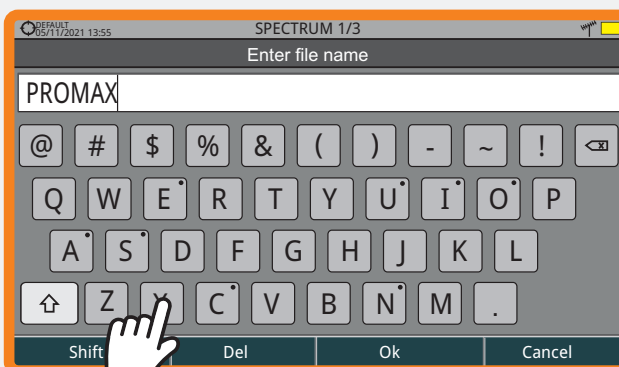
MENU SELECTION



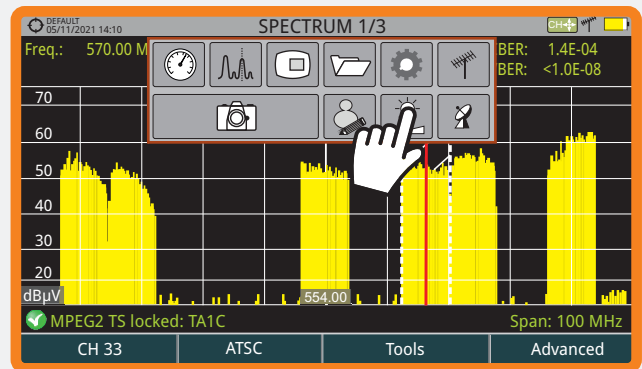
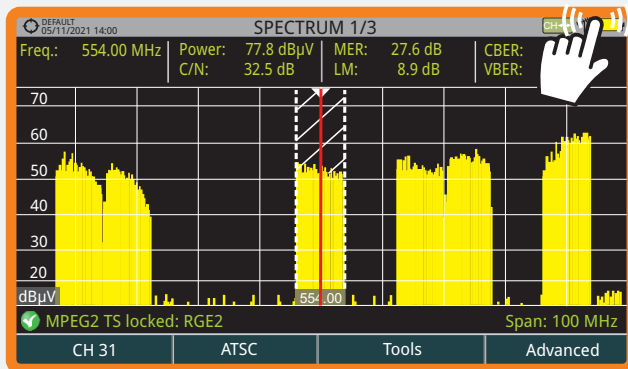
FREQUENCY SELECTION



VIRTUAL KEYBOARD WRITING



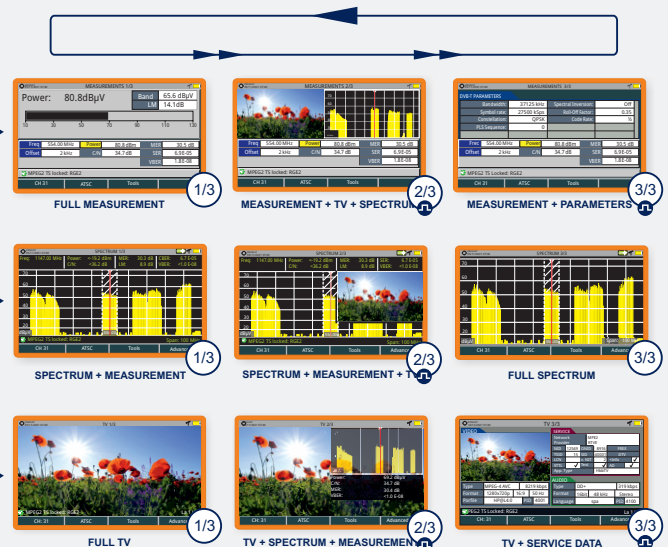
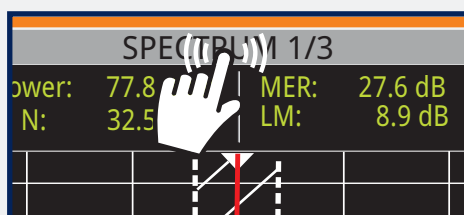
TOOLBAR



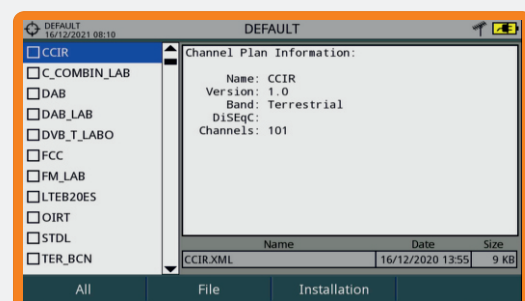
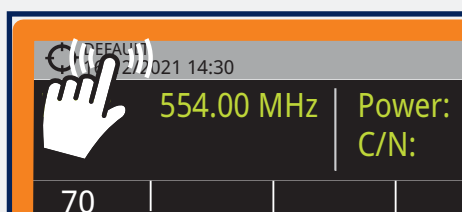
TOOLBAR ICONS

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

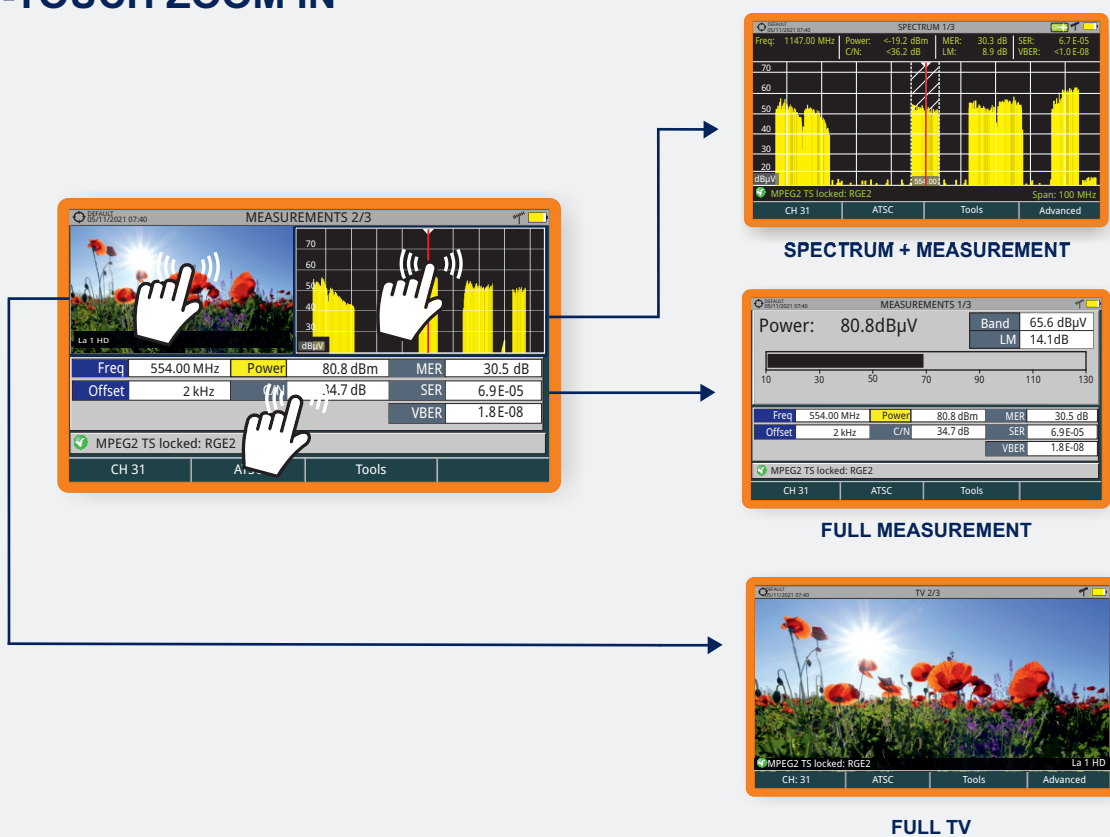
MODE SCREENS



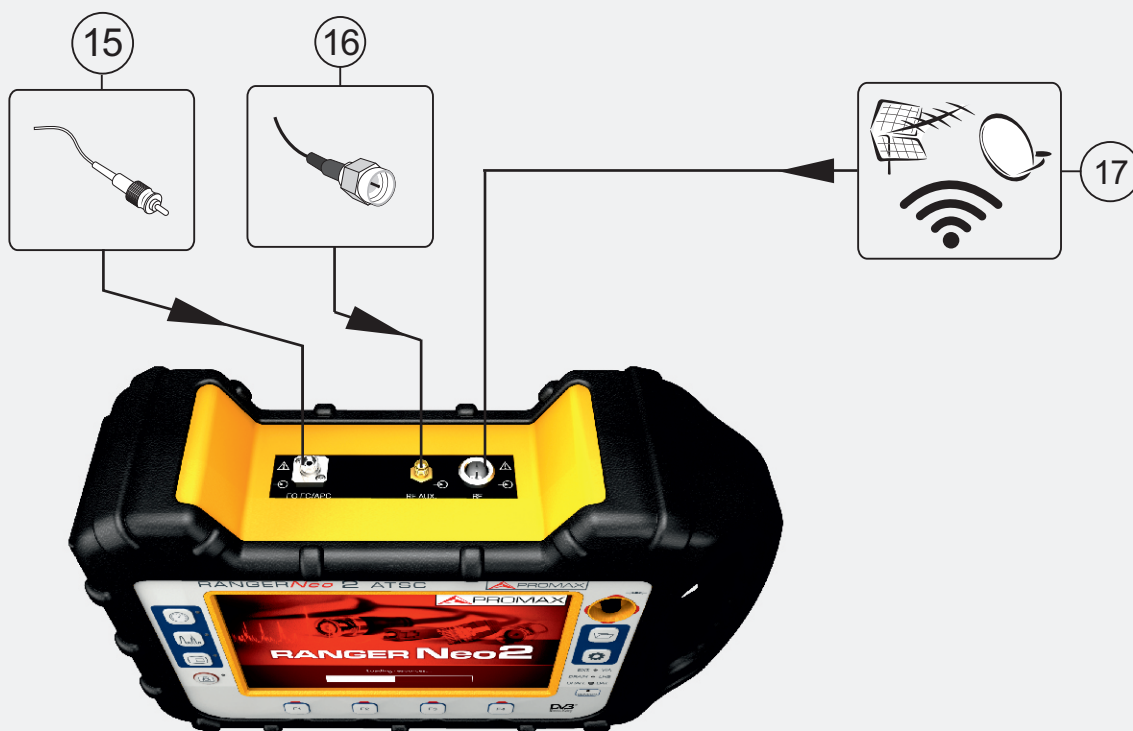
INSTALLATIONS MANAGEMENT



▶ ONE-TOUCH ZOOM IN



TOP VIEW



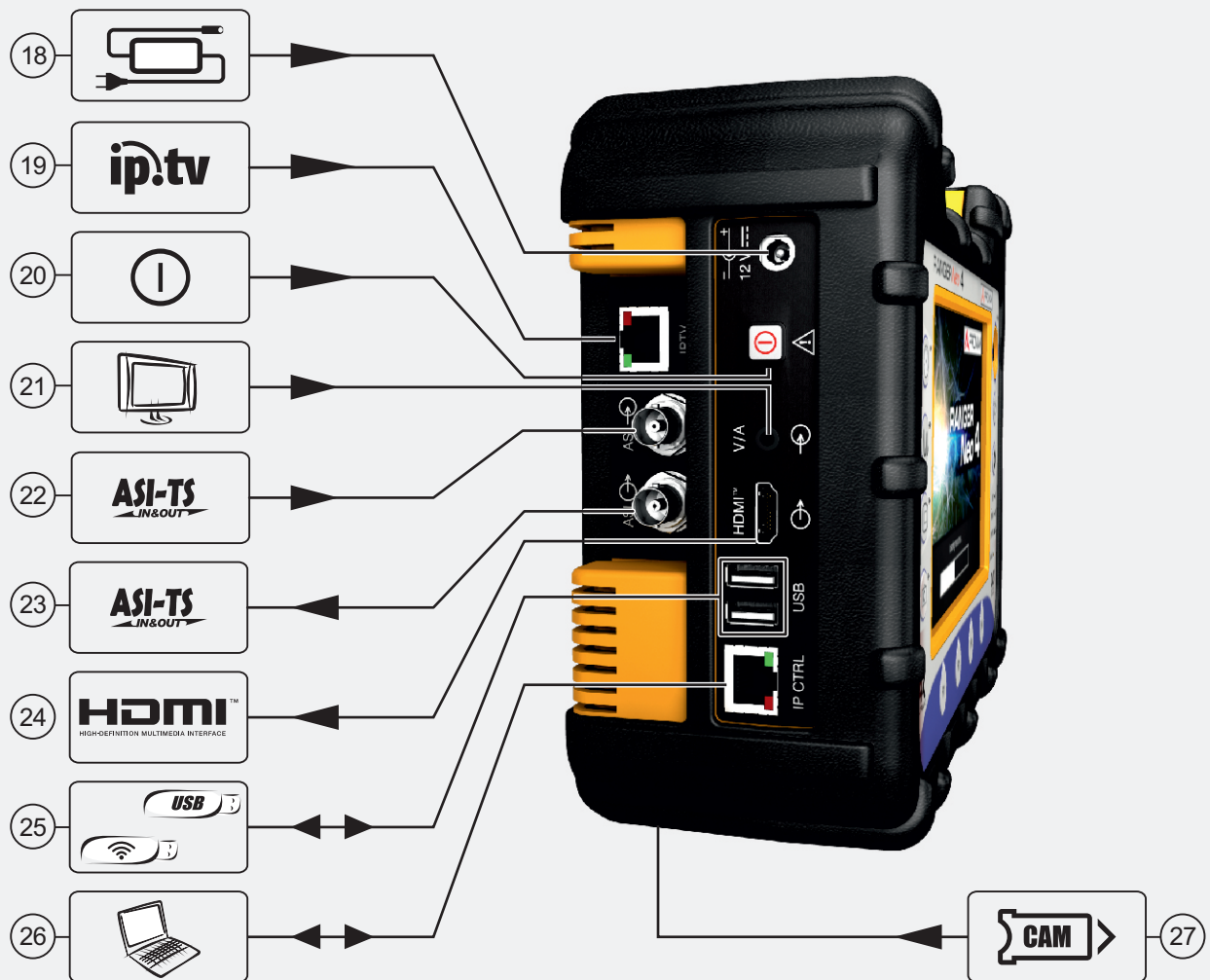
15 FC-APC connector (optical signal input) *

16 SMA connector (RF aux. Input signal) *

17 RF input connector

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

SIDE VIEW



- ①⑧ **Power** input connector
- ①⑨ **ETHERNET** connector
- ②① **ON/OFF** button
- ②② **Video/Audio** input
- ②③ **ASI-TS** input

- ②③ **ASI-TS** output
- ②④ **HDMI™** output
- ②⑤ **USB** connectors
- ②⑥ **ETHERNET** connector for PC (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).

