

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**
- 18V** signal, 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

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

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

SERVICE LIST SELECTOR

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

DIALOG BOXES

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

VIDEO & AUDIO SETTINGS MENU

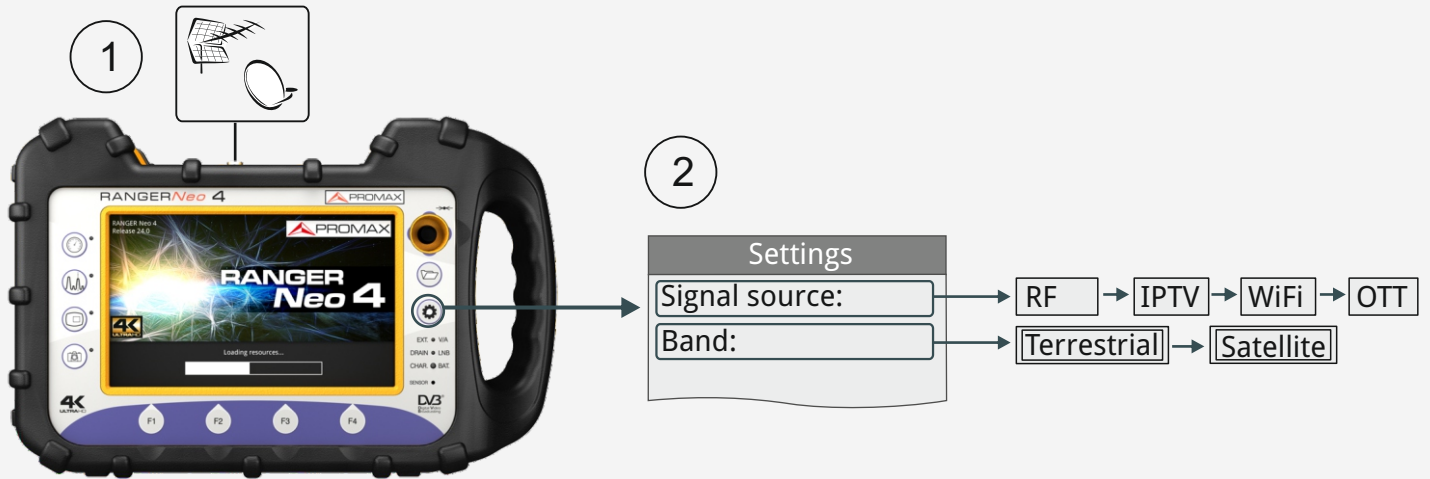
- TFT** backlight brightness
- Volume**

ON: (<1s)

OFF: (2s)

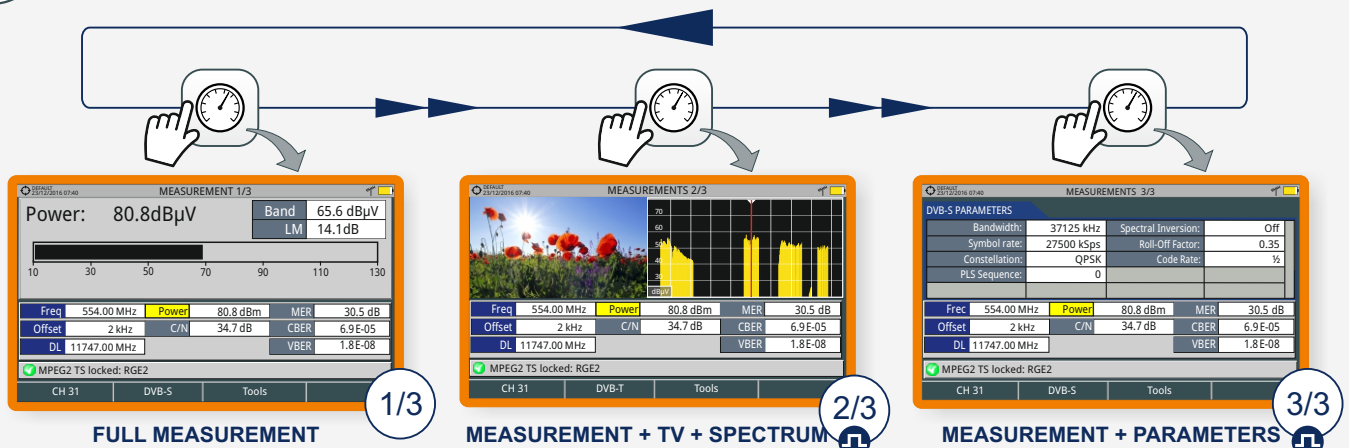


RF ► SETTINGS

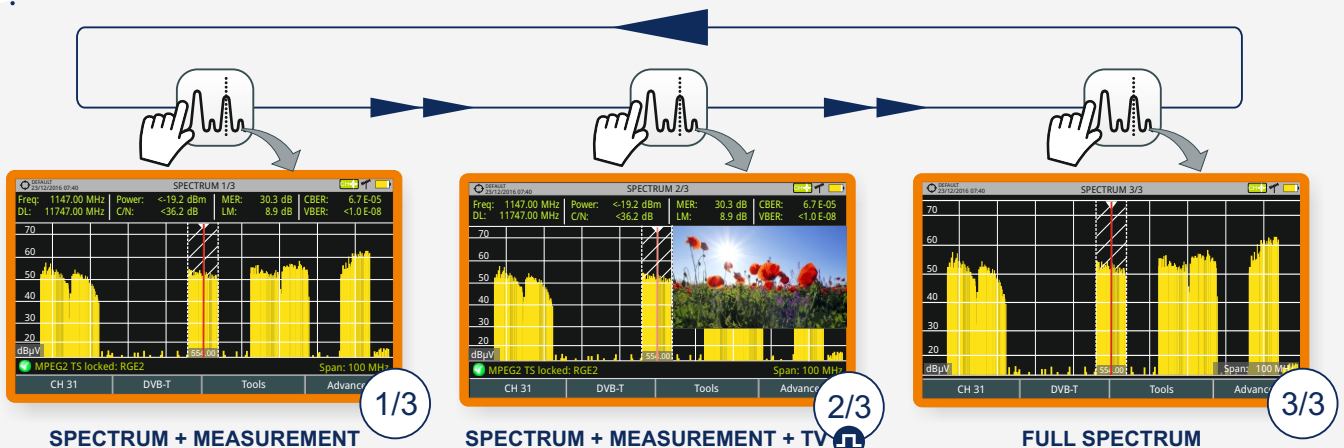


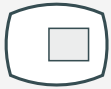
RF ► SCREENS

► MEASUREMENT

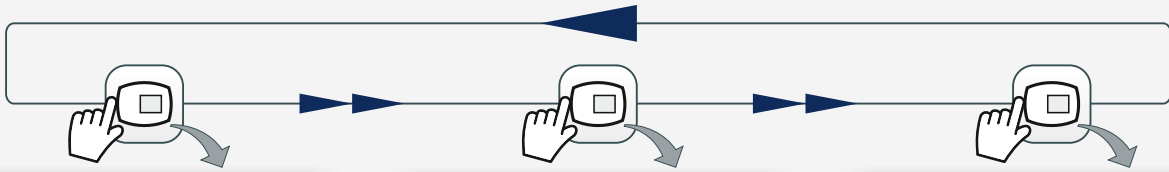


► SPECTRUM ANALYSER



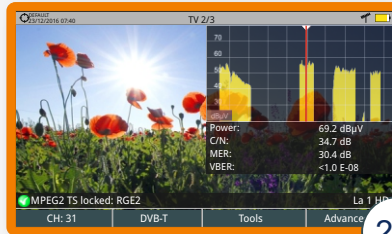


TV MODE



FULL TV

1/3



TV + SPECTRUM + MEASUREMENTS

2/3

VIDEO		SERVICE	
Type	MPEG-4 AVC	8219 kbps	
Format	1280x720p	16:9	50 Hz
Profile	HP@L4.0	PID	4001
AUDIO			
Type	DD+	319 kbps	
Format	16bit	48 kHz	Stereo
Language	spa	PID	4100

TV + SERVICE DATA

3/3

RF



MENUS



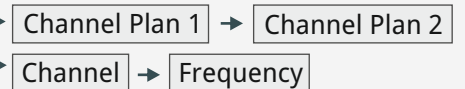
Tuning

Channel:

Channel Plan

Tune by:

View all services...



Tuning

Frequency:

Channel Plan:

Tune By:

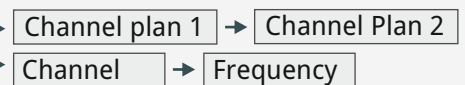
Center Freq:

Ref. Level:

Span:

Center tuned frequency

View all services...

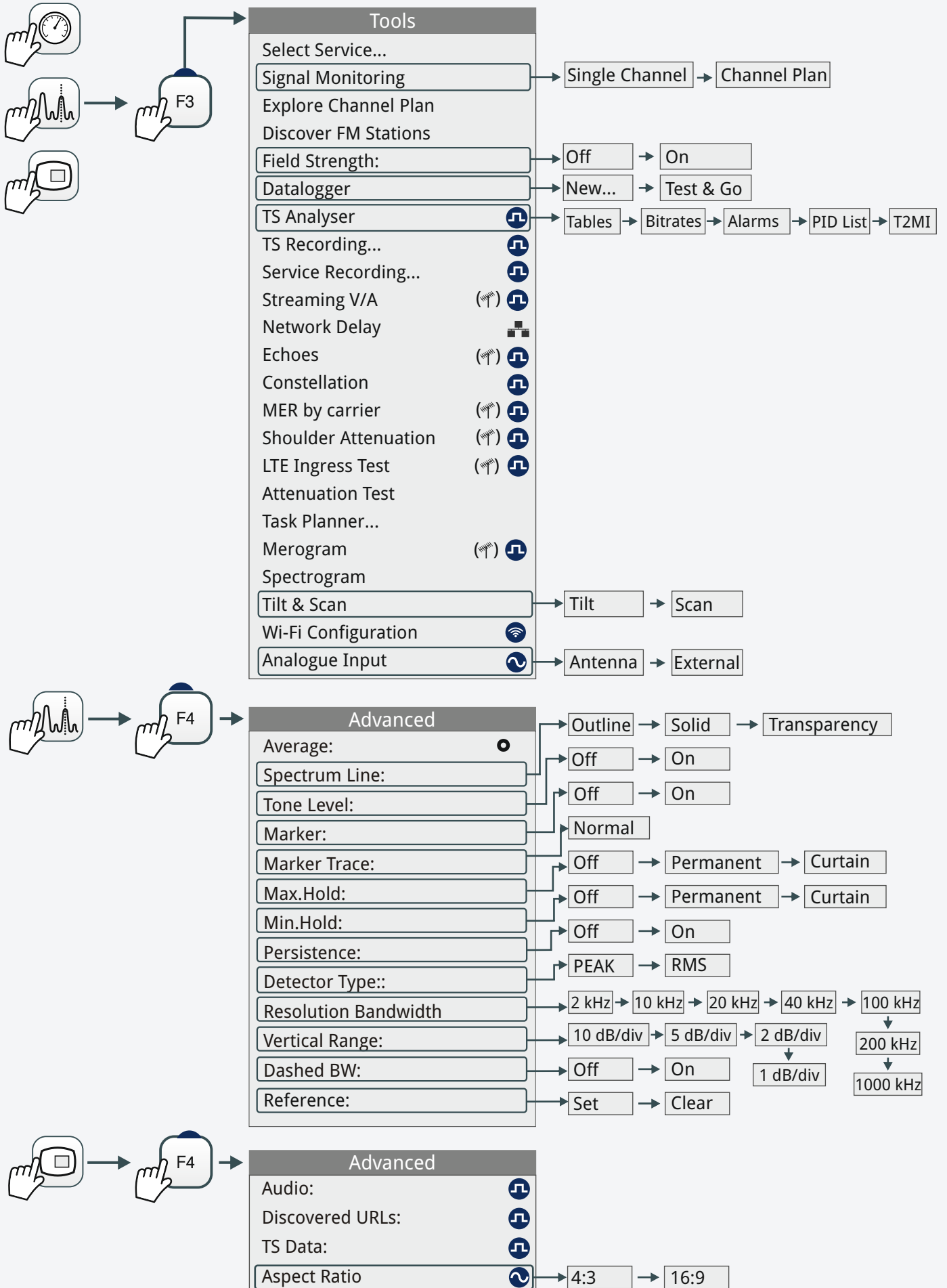


Signal Parameters

Signal Type:

Stealth-ID





WIFI ► SETTINGS



WIFI ► SCREENS



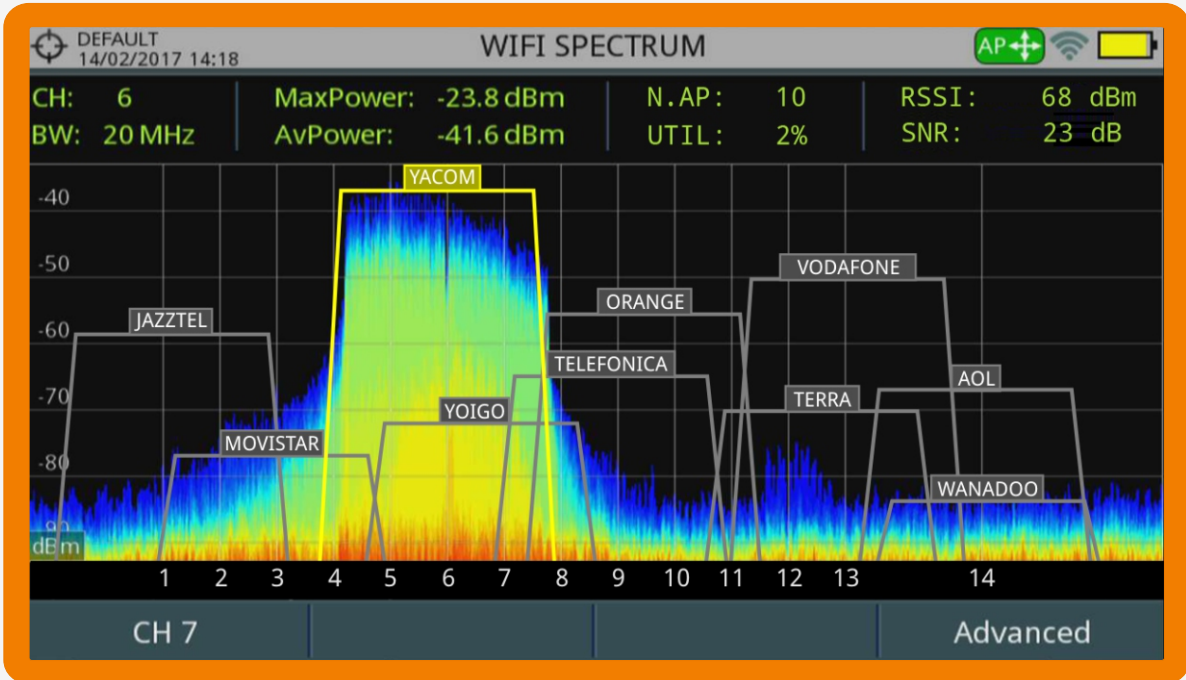
► SITE SURVEY

PROMAX 22/12/2016 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	

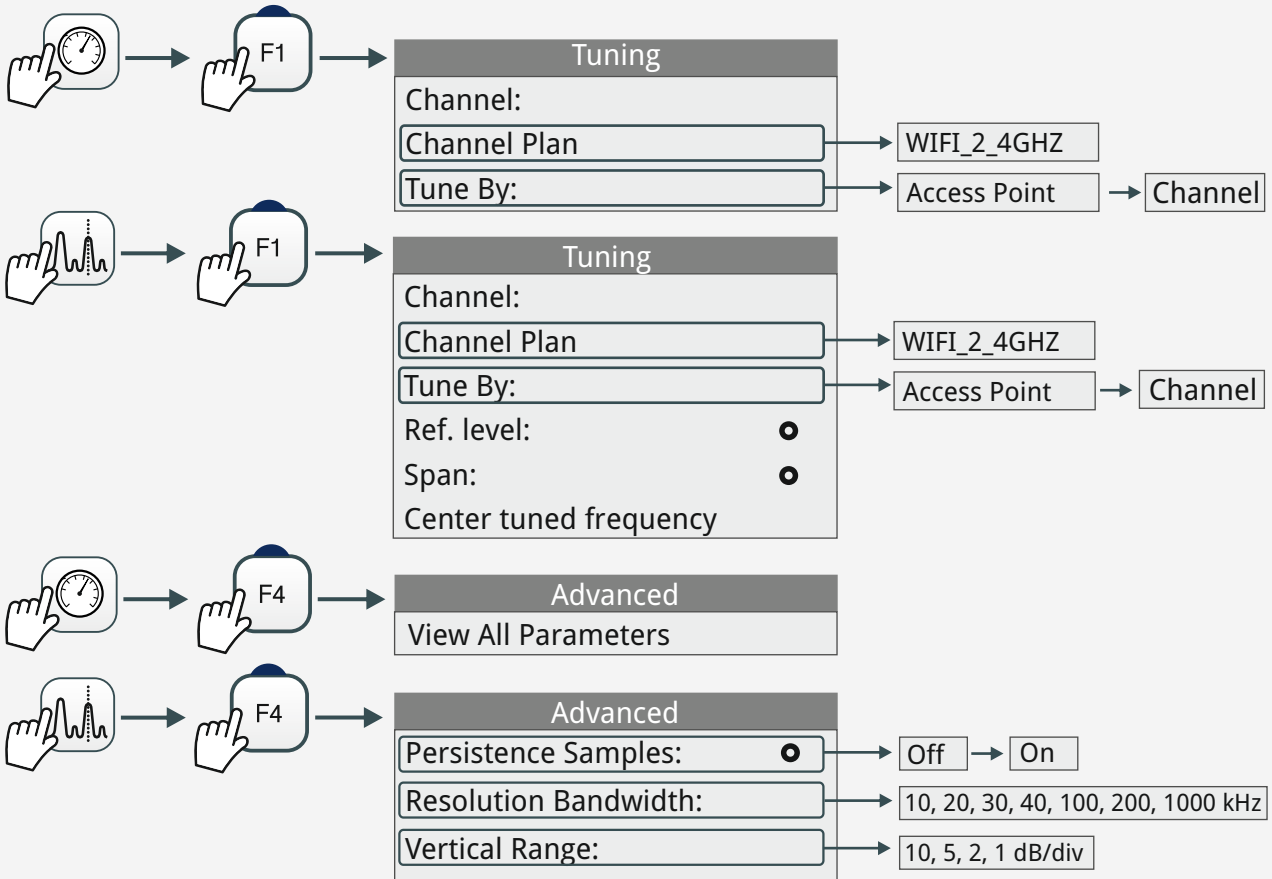
CH 1 Advanced



WIFI SPECTRUM



WIFI MENUS



IPTV ip.tv ► SETTINGS

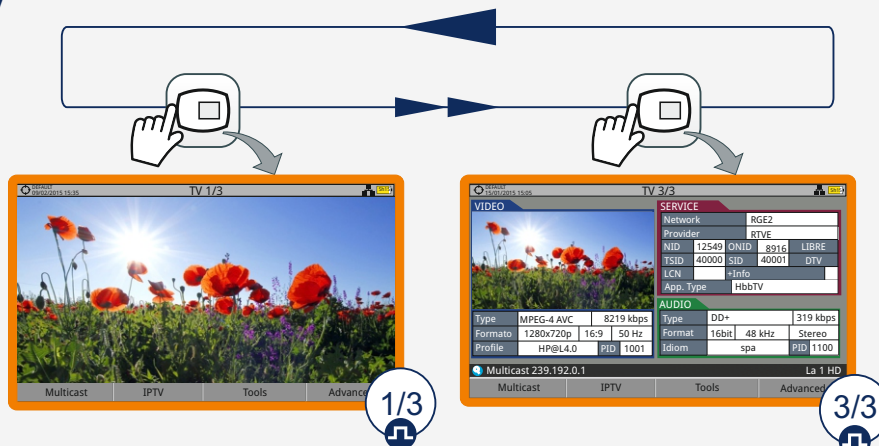


IPTV ip.tv ► SCREENS

IP MEASUREMENTS

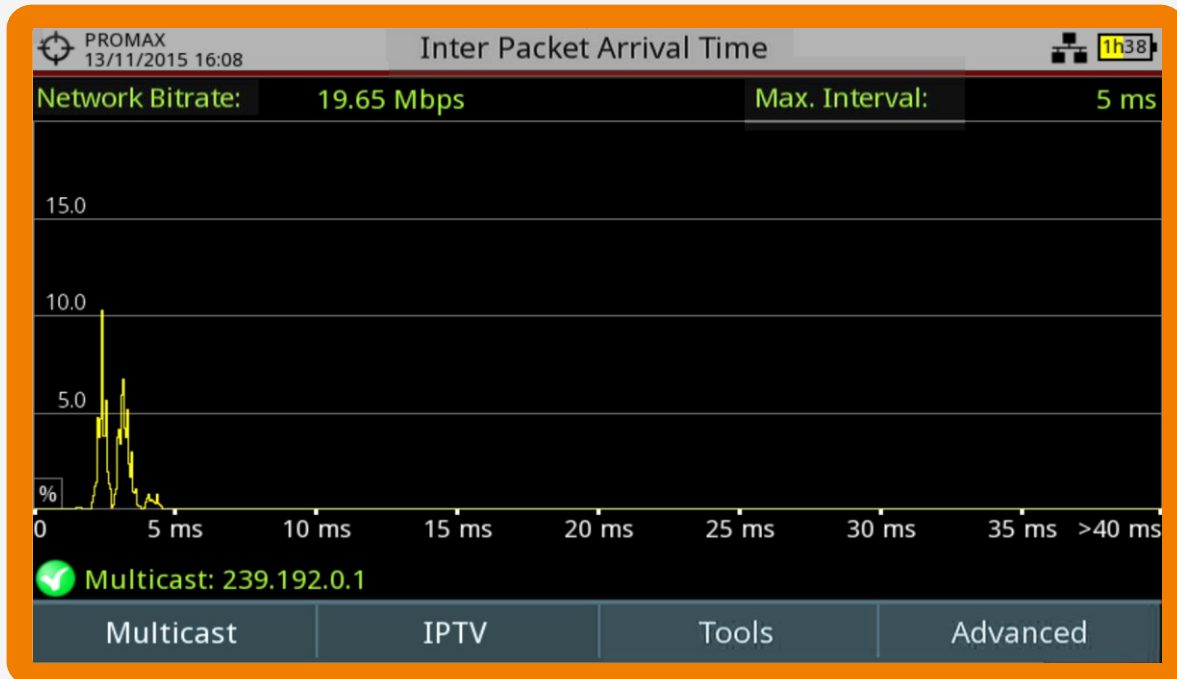


IPTV

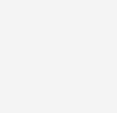
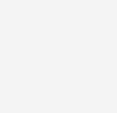
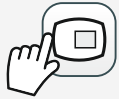




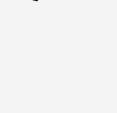
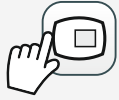
▶ INTER PACKET ARRIVAL TIME



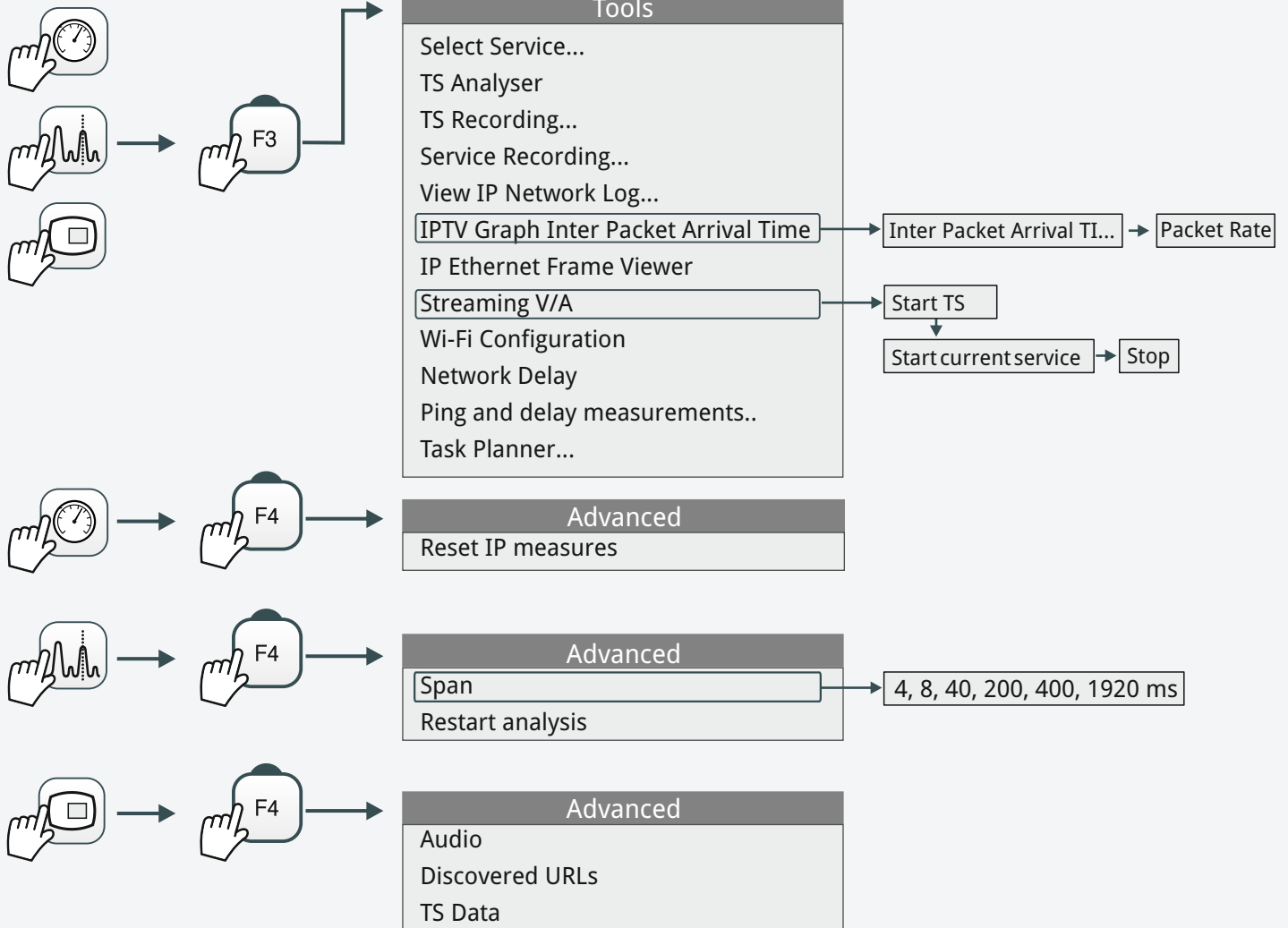
IPTV ip.tv ▶ MENUS



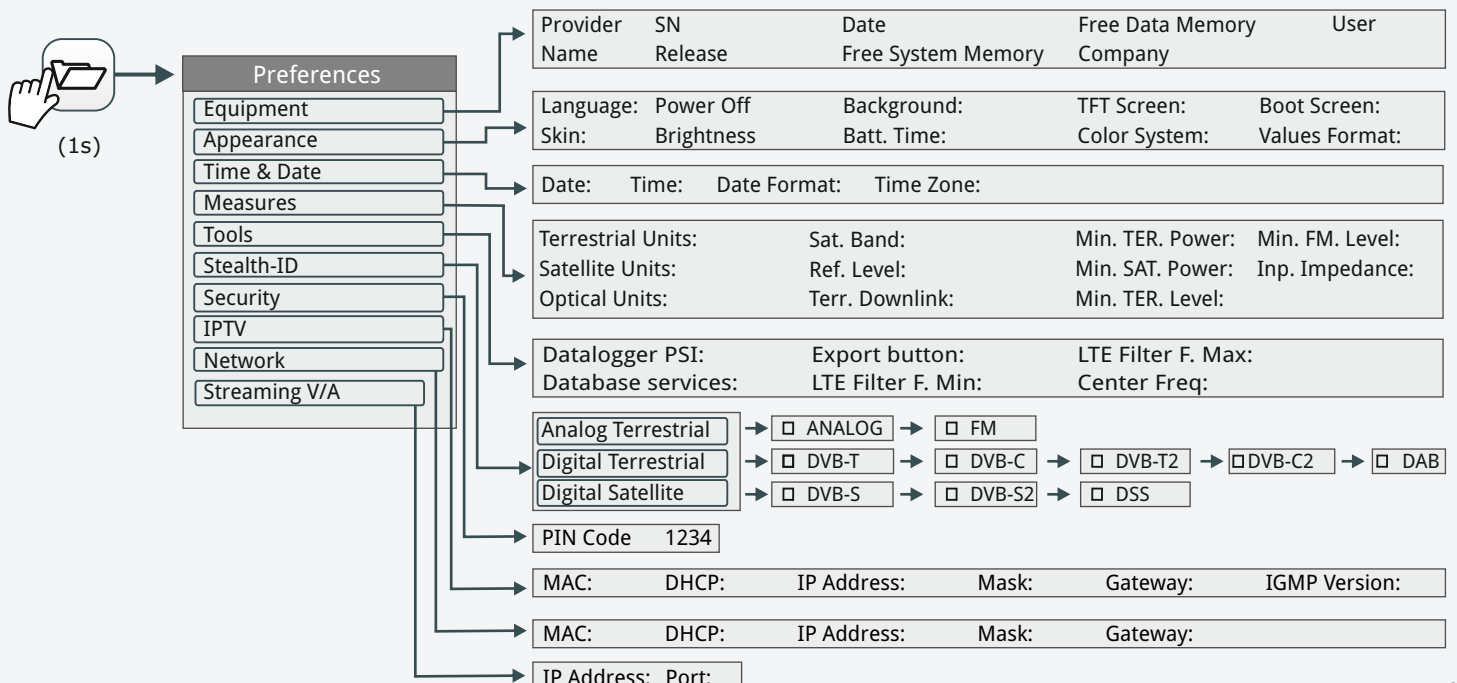
Multicast
Multicast Address
UDP Port:
Recent Multicast Addresses
Discovered Multicast Addresses
IGMPv3 Server Sources



IP Parameters

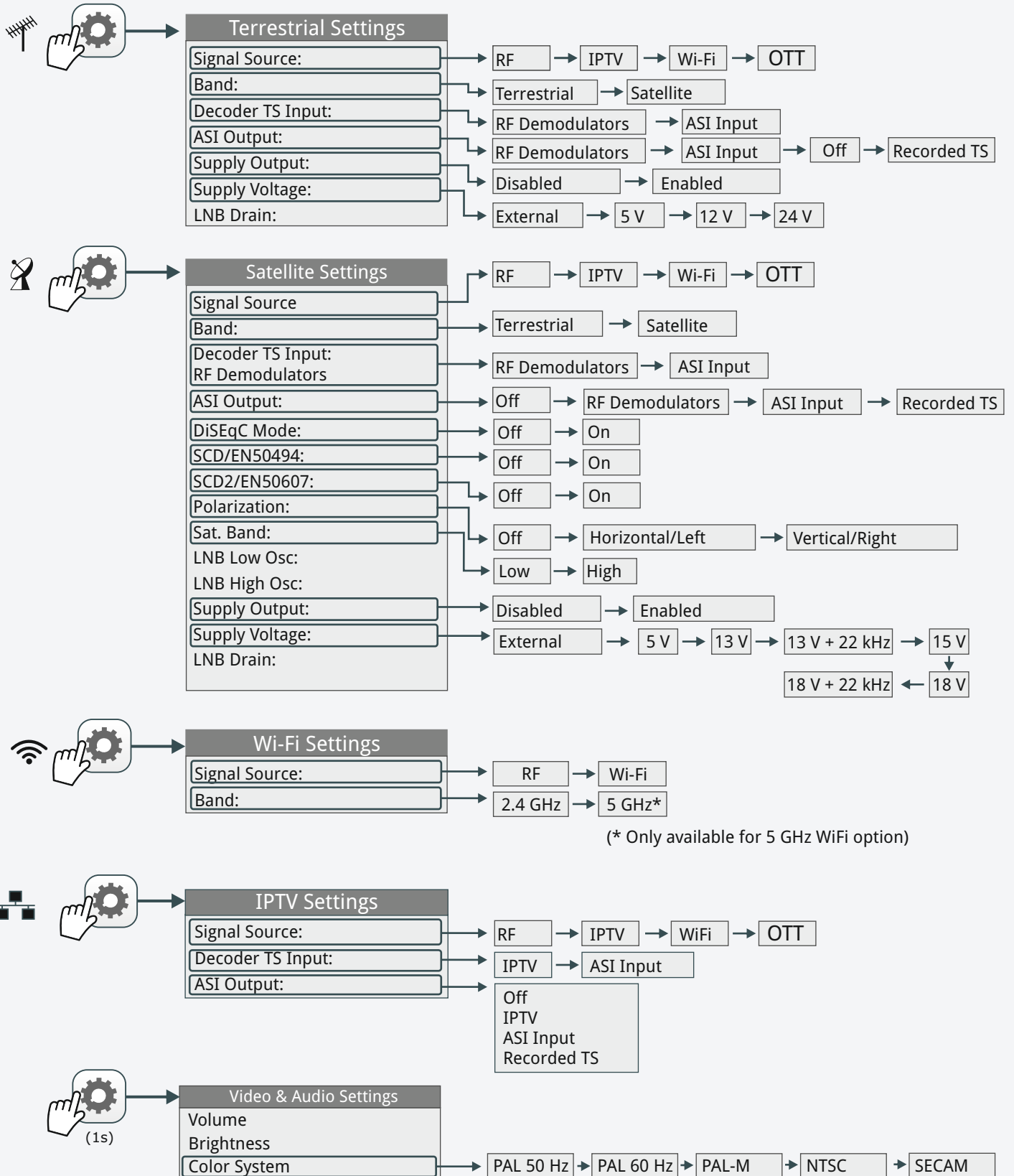


► PREFERENCES MENU



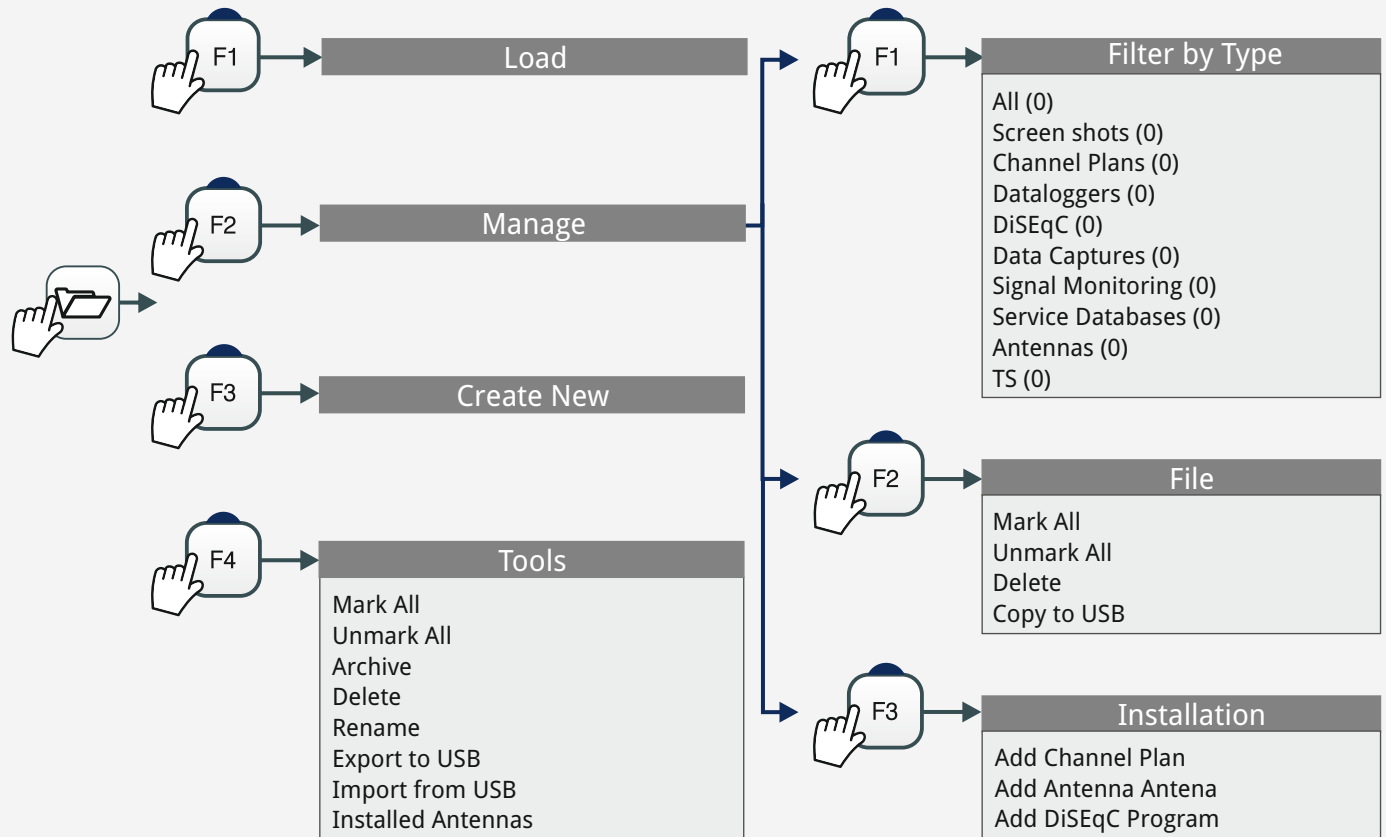


SETTINGS MENU

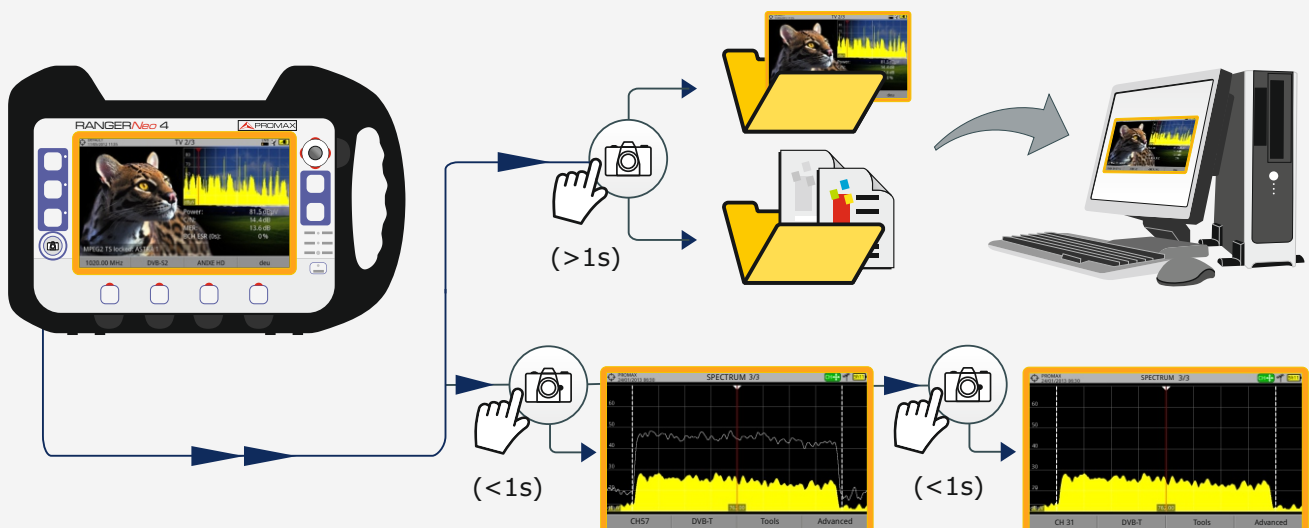




INSTALLATION MANAGEMENT



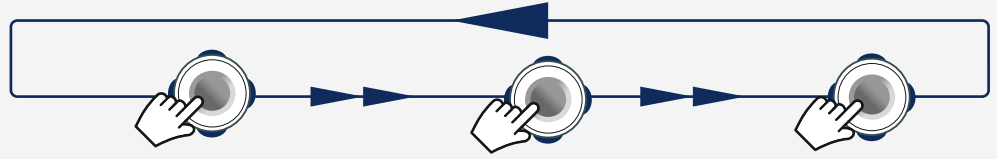
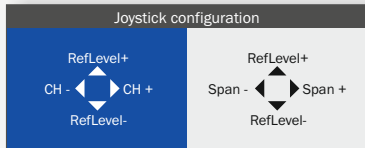
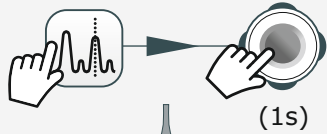
EXPORT* IMAGE / DATA / SPECTRUM REFERENCE



* Export settings in Preferences



▶ JOYSTICK



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

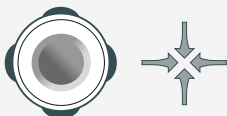
PARAMETER EDITION



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 ◉



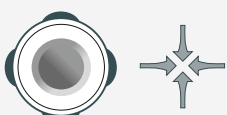
Tuning	
Channel:	44
Channel Plan	CCIR ▶
Tune By:	Channel ▶
Center Freq:	658.00 MHz ◉



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 ◉

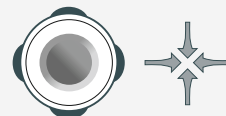
PARAMETER SELECTION



Advanced	
Average	0 ◉
Spectrum Line	Outline ◄



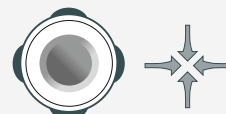
Advanced	
Average	0 ◉
Spectrum Line	Outline ◄



Advanced	
Average	0 ◉
Spectrum Line	Outline ◄
	Outline
	Solid
	Trans.



Advanced	
Average	0 ◉
Spectrum Line	Outline ◄
	Outline
	Solid
	Trans.

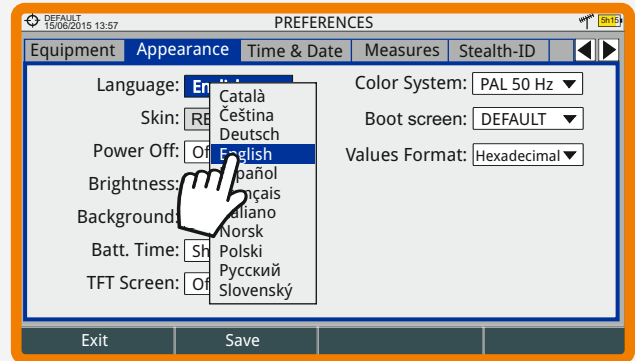
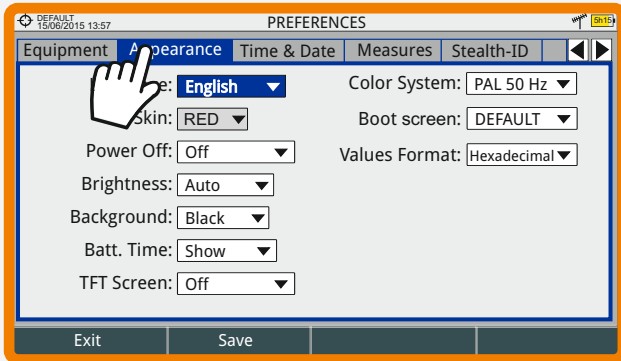


Advanced	
Average	0 ◉
Spectrum Line	Solid ◄

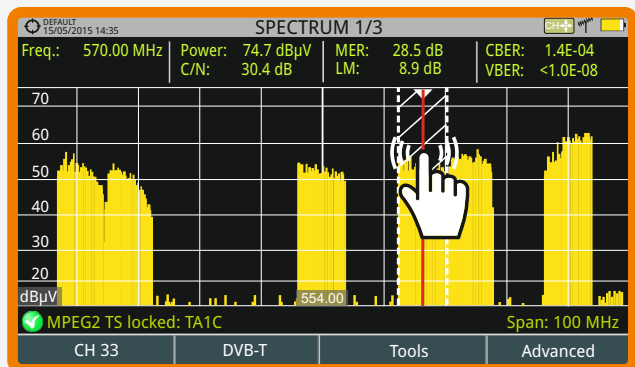
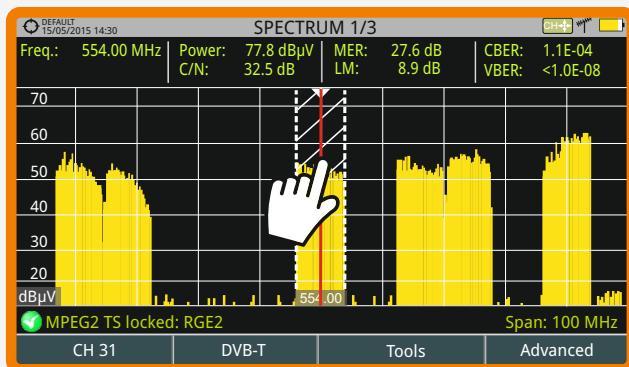


TOUCH SCREEN

MENU SELECTION



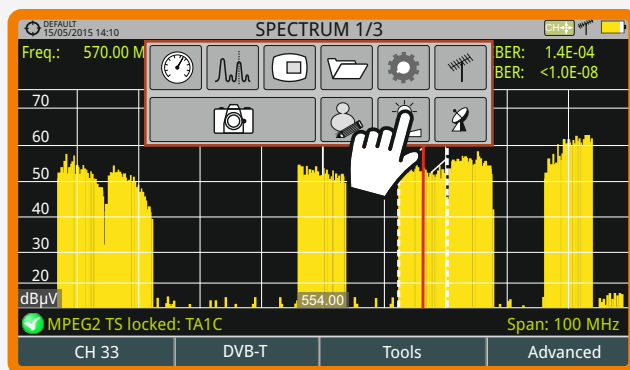
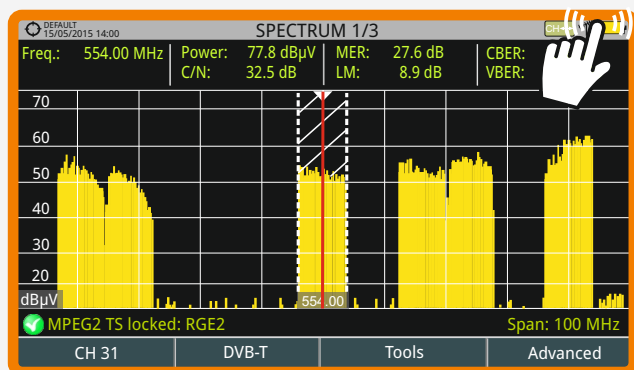
FREQUENCY SELECTION



VIRTUAL KEYBOARD WRITING



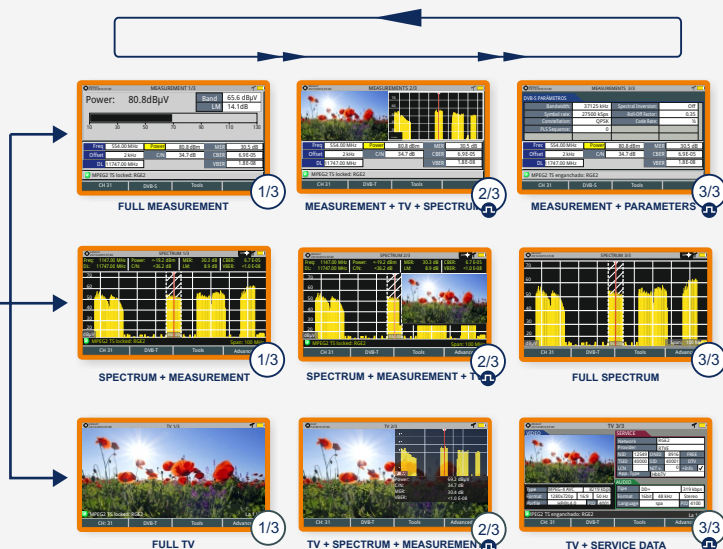
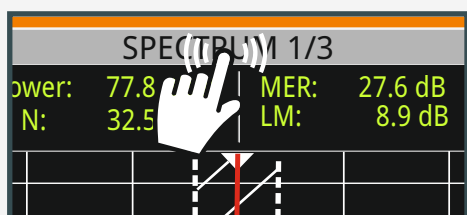
TOOLBAR



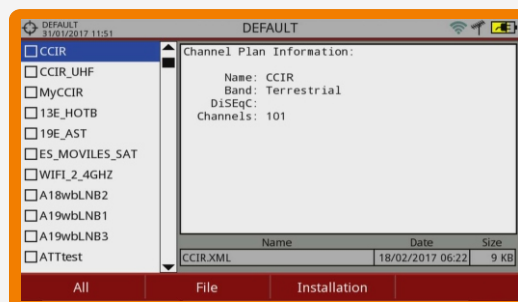
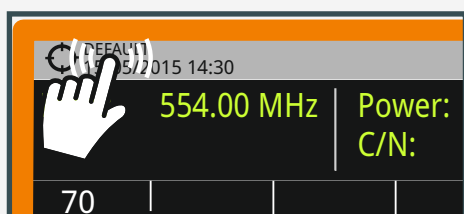
TOOLBAR ICONS

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

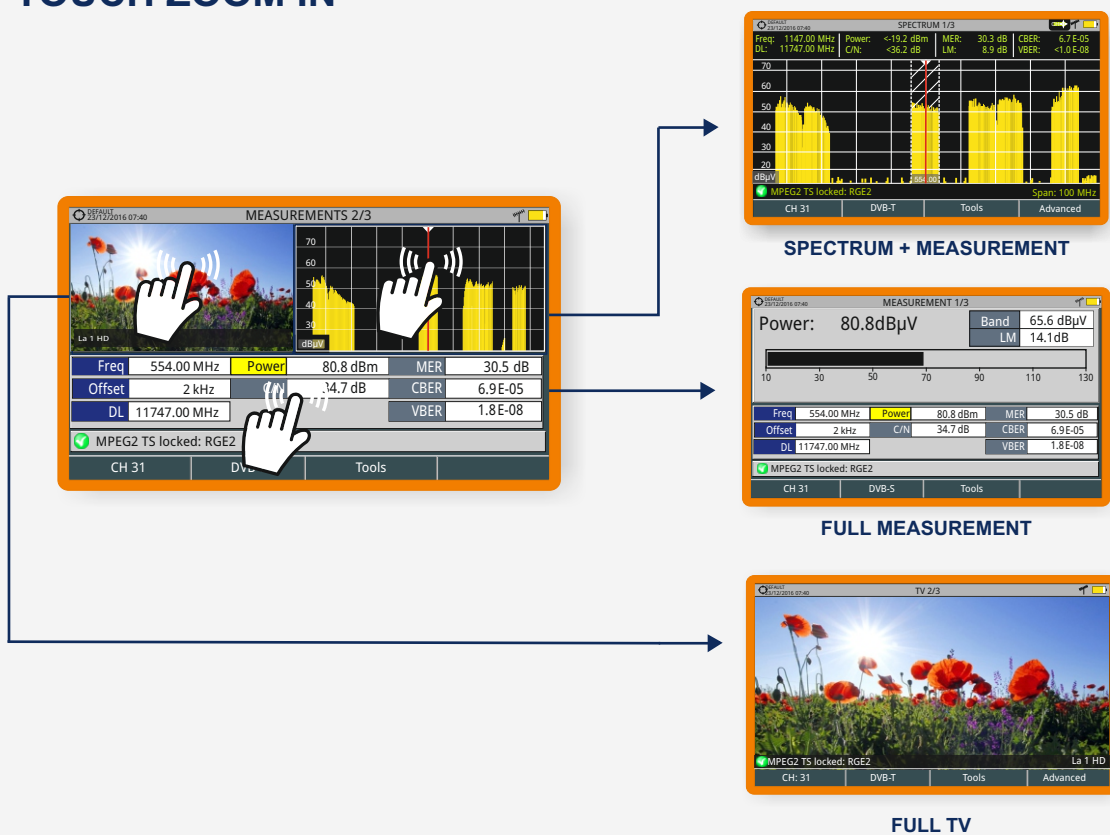
MODE SCREENS



INSTALLATIONS MANAGEMENT



▶ ONE-TOUCH ZOOM IN



TOP VIEW



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

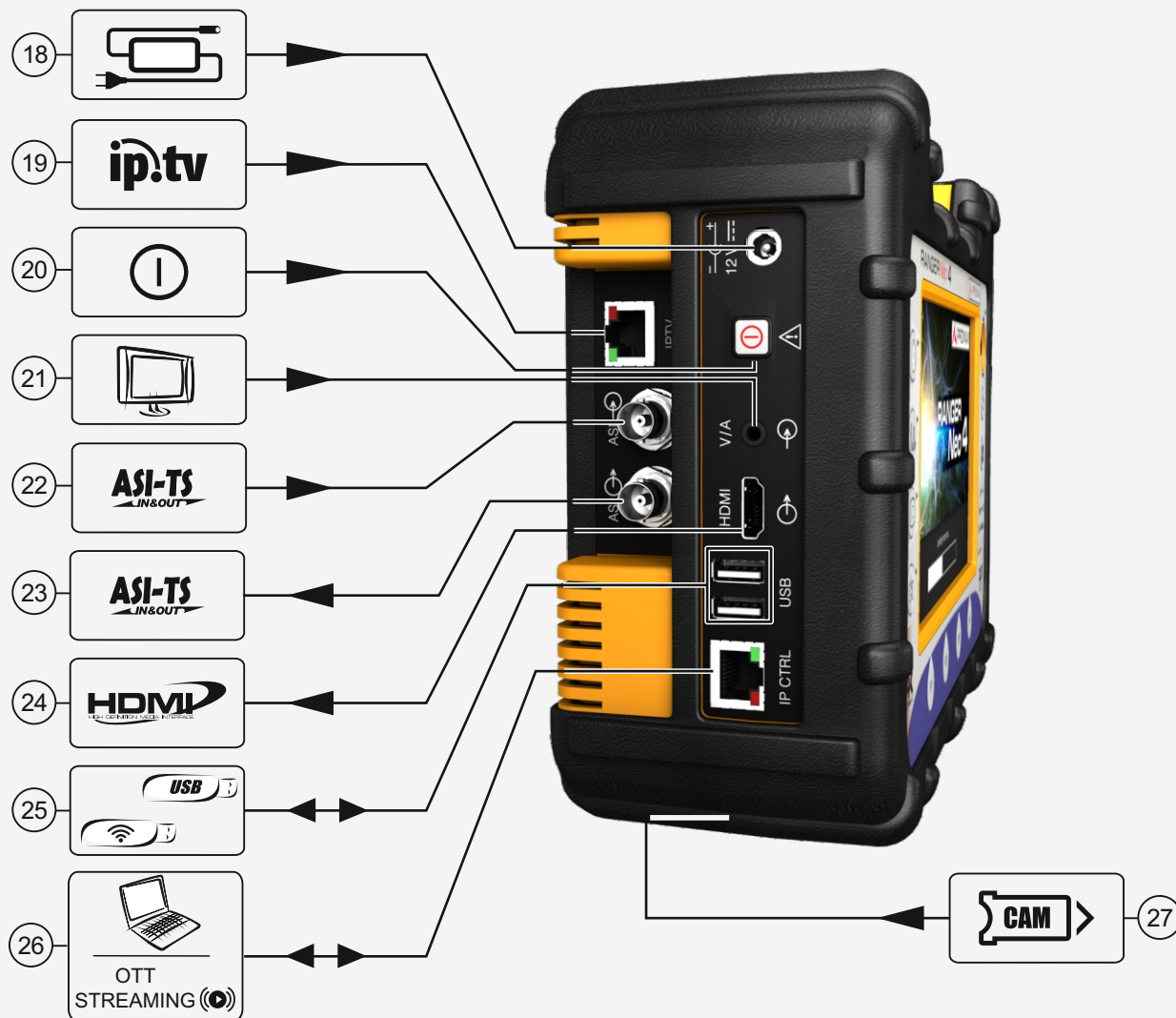
16 **1PPS (pulse per second)**
input connector

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).

