HEXYLON

DV3T2 0

TERR A DEFAULT

TVP1 HD

30 CCIR TVP1 HD

CH

546.000MH

GSERTEL

dB dB dB dB dB

Aimed to the Network Operator

HEXYLON is a high performance Multistandard TV and Radio Analyser intended for the professional user with advanced features, high measurement accuracy and the most intuitive user interface in the market

GSERTEL

HEXYLON

One device, full functionality



All the interfaces F F ASI HDMI GPS USB Wi-Fi F0 IP Vi-Fi Potaled map and coverage analysis.

Always ON

Field Exchangeable Spare Battery

Extend your measuring time to the whole day with a field exchangeable spare battery Recharge your battery while using the HEXYLON: batteries can be charged apart from the meter and continue working



Where content becomes the interface





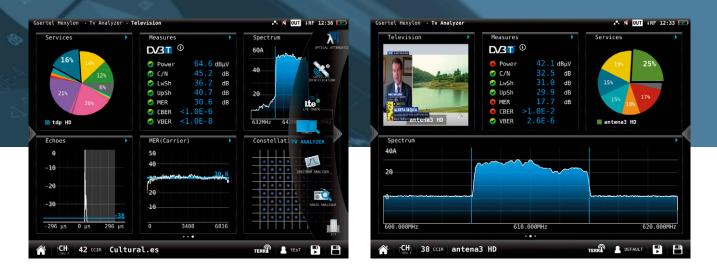
▶ ALL THE CHANNELS IN THE BAND AT A GLANCE

- ► ULTRA-FAST SCAN OF THE ENTIRE BAND
- AUTOMATIC PRESENT CHANNELS IDENTIFICATION AND MEASUREMENTS
- COLOR BAR GRAPH REPRESENTATION OF THE CHANNELS ACCORDING TO THE QUALITY LIMIT SET BY THE USER
- FULL SIGNAL SPECTRUM
- LIST OF ALL CHANNELS WITH THE RELATED MEASUREMENTS AND CHECKMARKS
- LEARNING PLAN FUNCTIONALITY

Due to the revolutionary interface and the advanced functionalities, the **measurement and diagnose times are greatly reduced**. HEXYLON establishes a new concept of usability in measurement instrumentation, where the content becomes the interface, and everything flows intuitively through naturalness in the gestural commands.

With a **real multitouch navigation on high resolution 8**" **screen**, elements react to user actions the way he expects, offering greater usability. Measurement tools have never been used in such a simple way.

User Defined Widgets



- UP TO SIX USER-SELECTED SIMULATENOUS WIDGETS IN ONE SCREEN
- ALL THE INFORMATION RELATED TO THE TUNED CHANNEL WITH A SIMPLE LOOK
- REVOLUTIONARY USER EXPERIENCE
- DOUBLE-TAP ON THE WIDGET IN ORDER TO GET THE FULL SCREEN VIEW
- NO COMPLEX MENUS
- ► ALL FUNCTIONS AVAILABLE ON THE SAME WHEEL MENU

- ▶ MULTIPLE DESKTOP WITH SIMULTANEOUS WORK ENVIRONMENT
- CUSTOMIZATION: DEFINE YOUR OWN DESKTOP EASILY BY TAPPING ON THE TOP BAR OF THE SCREEN
- 20MHZ ULTRA-FAST SPECTRUM ANALYSER (50MHZ FOR SATELLITE BAND)

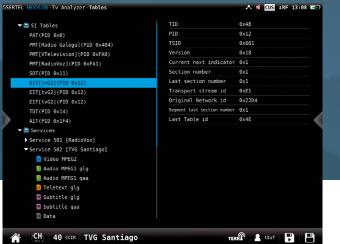


TV Analyser





Where others are blind, HEXYLON keeps seeing. The exclusive Path Delay Profile patent feature allows to measure echoes without demodulating the signal up to $1.148 \mu s$.



TS Analysis

Treeview of PSI/SI tables with content decoding.



TS Recording

Allows to save and playback a sample of a TS (SPTS or MPTS) or T2-MI signal in the onboard **64Gb** storage.



RF Recording

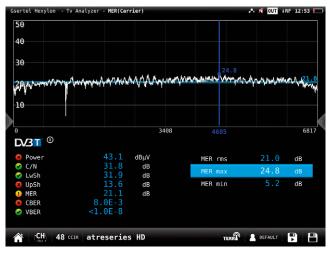
Catch any RF signal up to 25MHz bandwidth and save it for further analysis.



L1-Pre Signa	lling	L1-Post Signa	alling
Cell ID	0×0	Subslices/frame	
Network ID	0x3085	Number of PLPs	
System ID	0×8001	Auxiliary Streams	
T2 Version		Frequency Index	
T2 Base Lite		RF Frequency (Hz)	
S1			
BW Extension		Selected F	PLP
Guard Interval		ID	
PAPR	L1-ACE & TR	Group	
Pilot Pattern		Туре	Туре
FFT	32K	Payload	
Stream Type		Rotation	
Frames/superframe		Constellation	256 QA
Symbols/frame		Code Rate	5/
L1Post Constellation	QPSK	FEC	64
L1Post Size		InBand A Flag	
L1Post Extension		Blocks	18
L1Post Repetition		InBand B Flag	OF
L1Post Code Rate	1/2		

T2-MI Analysis

Provides the reception of a T2-MI signal and its analysis: L1 signaling, L1 post-signaling, DVB-T2 timestamp, PLP, BB.

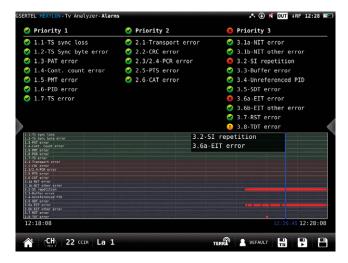


MER/Carrier

Find any interference in your channel, is invisible for a traditional spectral analysis and make decrease the quality of your signal.

Advanced Info

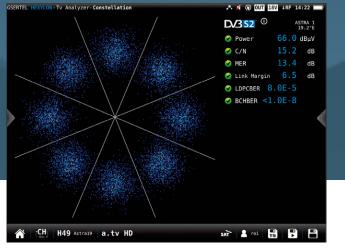
Exhaustive information about the modulation parameters.



Alarms

Thanks to this feature that shows all the priority 1, 2, and 3 TS alarms generated by the Hexylon in a period of time selected by the user, you can detect any failure in the TS layer.





Gsertel Hexylon Tv Analyzer ٨ 💅 OUT JRF 12:38 📧 D/31 0 dBμV Standard D/3T X Power 🤣 C/N BW Auto(8 .0MHz) Constellation 640AM 🥝 LwSh N. Carriers 8K 🥝 UpSh dB Guard Interval 1/4 🙁 MER dB Code Rate x CBER >1.0E-2 **Offset** 0 🤣 VBER 0x0 1.0E-8 Cell ID C/N 1,0E-6 1 M 1-1.00 1.0E-4 1.0E-2 20 12:33:15 12:38:15 CH 38 CCIR laSexta \sim TERR A DEFAULT • B

Constellation

Constellation diagrams are an indispensable tool to help detect the presence of noise, phase jitter, interferences, and gain compression, all of which impact on the signal quality and thus reduce the Modulation Error Ratio (MER).

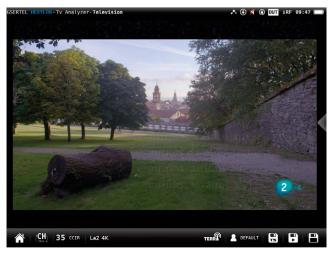
Measurements

Access to all the measurements of the channel at any instant included in a range of time selected by the user.



Services

This feature shows a bitrate distribution graph of the channel services, as well as all the information relative to them.



Real Live 4K Video

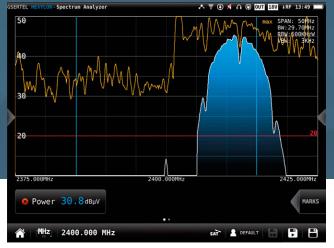
Ultra HD signals real-time display.

Spectrum Analyser



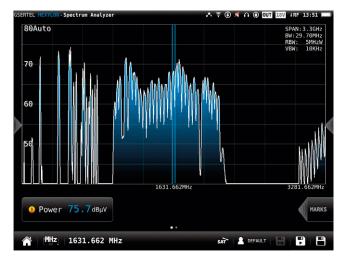
Fast and Accurate

With a sweeping time <10ms, and multiple RBW and VBW filters, the HEXYLON spectrum analyser allows a deep analysis of any signal between 5MHz and 3.3GHz.



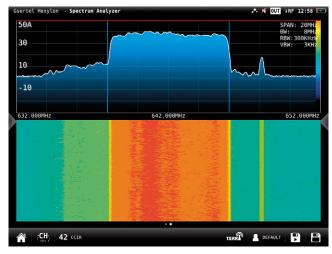
Trigger by Level

Catch any pulsed signal in your network using this feature, with trigger level defined by the user.



Continuous Band

The entire band at a glance with the HEXYLON's continuous band spectrum. From 5MHz to 3.3GHz.

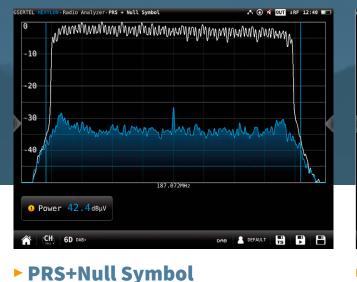


Waterfall

The waterfall diagram is a three-dimensional representation of the signal spectrum, in frequency and time. Signal levels are converted to colors and displayed along a time axis, enabling the detection of the spurious interferences.

HEXYLON

Radio Analyser



SERTEL HEXYLON - F	Radio Analyzer- Parameters	11% A 🧃 🛞 🚥 4	RF 086 65 13:11 📼
	Parameter	Value	
	Standard	DAB	1
	BW		A
	Signal BW		
	Tx Mode	Mode I	2
7	Constellation	DQPSK	
	TII main ID		
	TII sub ID		
A (CH)	5A DAB+ Silent 6	DAB SEFAULT	

DAB+ Parameters including TII

This feature shows two spectrum overlapped charts: one is the representation of the phase reference symbol (PRS), and the other one is the representation of the null symbol.

It shows exhaustive information about the modulation parameters, including the Transmitter Identification Information (TII).

TEL HEXYI	LON-Radio Analyzer- Radio Info	14% 🛧 🔏 🛞 OUT 4RF DBG 65 12:23
	DAB	
	Ensemble	Sydney Mux1
	Service	
	Service Reference	29 (0×001D)
	ECC	
	Country Id	2 (0x2)
	РТҮ	
	SubChId	
	Bitrate	26984 kbps
	Mode	DAB+
	Audio	
	Protection	
	Radiotext	
N (CI	H 5A DAB+ Silent 26	
190	JA BAGY SILCENT 20	

10 20 30 -500 μs θµs DAB 0 Num echoes: 1 Level(dB) Delay(µs) 🔗 Powe dBµV 🥝 C/N dE 3 -39.7 0 🥝 LwSh dB 🥑 UpSh dB 🧭 MER 🕗 CBER Silent 1 CH 5A DAB+ PDP off DRB DEFAULT -1

(OUT IRE

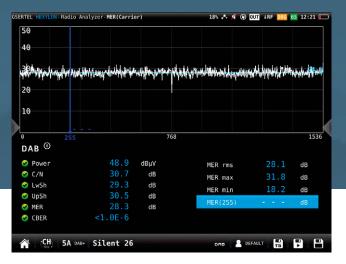
Radio Info

It shows all the information about the tuned channel. For FM channels it is shown the RDS information, and for DAB channels it is shown the Ensemble, the Service, and the Radiotext information.

Echoes

This feature displays the echoes of the received. Level and distance information related to the main beam are shown.

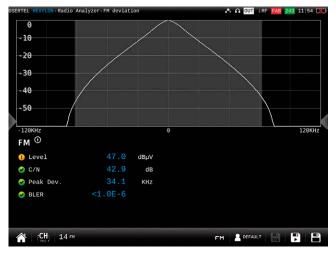
	Start	End	Errored FIB
Total analysis	04/05, 14:10:34		268
Current interval			
Previous interval			
Worst interval			
	Lasting	Longest	Repetitions
Locked	2m03s	2m03s	1
Unlocked			
Error-free		1m44s	



Errored FIB

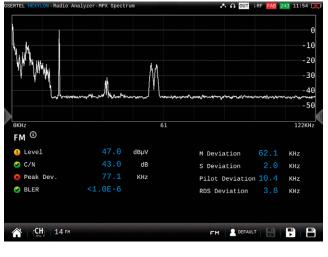
This feature makes an errored fast info blocks (FIB) analysis of the fast info channel (FIC) during a time interval selected by the user.

This feature represents MER value per each carrier of the DAB signal.



FM Deviation

It shows the difference between an FM modulated frequency and the nominal carrier frequency.



MPX Spectrum

MER/Carrier

This feature shows the spectrum of the demodulated FM signal, the FM channel measurements, and several deviation measurements: mono, stereo, pilot and RDS deviations.

11



The simplest way to get the highest benefit of your HEXYLON

Web Application & Personal Cloud



Present a Google Map trace view with GPS measurements.



Analyze and download logs, measurements, screenshots, recordings...



Get complete remote control with the embedded VNC application.

	English				1		11.1.1	Televes
=	MOSAIQ							
=	Devices	DEVICES						
		Acti	ons	Alias	Serial	Last connection	Software	Online
		2	C	ROI-M6	09172432000003	20/03/18 06:17	0.99.00000	•
		2	0		08172258100003	22/03/18 09:50	0.99.00000	•
		2	0		09172483600003	22/03/18 11:42	0.97.00002	•
9.48	rights reserved, Televes, S.A.							

Access to the information of your devices from everywhere.

Español				*I 1	A CARACTER STATE	GSERTEL
🖶 Resumen						
🕍 Medidas 🕀	ACTUALIZACIÓN DE PLANES					C Exportar
Planes 🕀	▲ Temestrial		V DAB			
- K ^a Terrestre	< relesata		♥ DAB			
	Plan					
ar Personalizados	CCIR		▲ Europe			
Actualización de planes	CCIR+LTE		Orbital	Banda	Plan	
of Fijar zona	STDL		3.0E	Ku	Eutelsat3	0
- CO IPTV	FCC STD		3.0E	с	Eutelsat3C	
SCR (B)	UM		4.8E	Ku	Astra4	
Perfiles de calidad 🛛 🕀	OIRT	- CO	5.0E	Ku	SES5	
Perfiles de usuario	FOC	6	5.0E	с	SES5C	
Clonar	CCIR AUS		7.0E	Ku	Eutelsat7	0
Control remoto	CCIR NZ		9.0E	Ku	Eutelsat9	0
i Acerca de	FOXTEL TDT		10.0E	Ku	Eutelsat10	0
1 Pasta de	Kabelplus		10.0E	с	Eutelsat10C	0
	QAM256		13.0E	Ku	Hotbird13	0
	VodafoneKD	ω.	16.0E	Ku	Eutelsat16	0
	UM QAM256		19.2E	Ku	Astra19	0
and the second			20.0E	с	Arabsat5CC	8
	✓ Asia					

Configure your standard channel plans according to your working geographical area. Then edit or add new channel plans in a simple way, as well as user profiles and upload all to your HEXYLON.

General Specifications

Display	8" Touch Screen TFT 1024x768 Full Color
Weight	2150g
Dimensions	250x210x60 mm (HxWxD)
Power supply	Input: 100-240V ~ 50-60Hz Output: 12VDC, 4A
Battery	Li-ion (7,2VDC, 9000mAh). Field swapable.

Operating time	> 4 hours
Oper. temperature	-5°C to 45°C (23°F to 104°F)
Storage temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	5% to 95% without condensation
Interfaces	ETH, USB, HDMI, Audio Out (Jack), Optical fiber connector FC/APC, GPS antenna connector
Storage	64 Gb

Technical Specifications

_	
Frequency	5 0000 1/11
Range	5 - 3300 MHz
Accuracy	1 kHz
Tuning	Frequency or channel
Input	
Impedance	50Ω
Spectrum Analyse	er
Span	100 KHz; 1, 5, 10, 20, 50, 100, 200, 500 MHz; 1.0, 2.0 and 3.3 GHz. Other (any value between 100 KHz and 3.3 GHz)
RBW	500 Hz 1, 3, 5, 10, 30, 50, 100, 300, 500 KHz 1, 3, 5 MHz
Marks	Up to 4, with delta feature
Event trigger	1
Waterfall	1
Hold feature	Maximum and minimum
Reference level	Automatic and manual
Digital measurem	
Extension band	Up to 1500 MHz
Modulations	COFDM (QPSK, 16QAM, 64QAM)
Power	20-130dBµV
CBER	9.9E-2 - 1.0E-6
VBER	1.0E-3 - 1.0E-8
MER	Up to 40dB
C/N	Up to 52dB
Echoes	vp to 520B
PDP Echoes	✓ ✓
	✓ ✓
MER by carrier	
Constellation	1
Uncorrected packets	√
TILT	√
Attenuation	√
Digital measurem	
Extension band	Up to 1500 MHz
Modulations	COFDM (QPSK, 16QAM, 64QAM and 256QAM)
Power	20-130dBµV
LDPCBER	9.9E-2 - 1.0E-6
BCHBER	1.0E-3 - 1.0E-8
Link Margin	Up to 30dB
MER	Up to 40dB
C/N	Up to 52dB
Shoulders	Up to 52 dBµV
Echoes	1
PDP Echoes	1
MER by carrier	1
Constellation	1
Uncorrected packets	1
TILT	1
Attenuation	1
Multiple PLP	1
	1 -

Digital measurem (Anex A/B/C)	ients QAM
(Allex A/B/C)	4QAM, 16QAM,
	32QAM, 64QAM,
Modulations	128QAM and
	256QAM
Power	20-130dBµV
BER	1.2E-3 - 1.0E-8
MER	Up to 40dB
C/N	Up to 52dB
Constellation	√ √
Uncorrected packets	√
TILT	√
Attenuation	√
Digital measurem	ents ISDBT
Modulations	DQPSK, QPSK, 16QAM and 64QAM
Power	-90 dBm to 20 dBm
VER	Pre-BER (by layer): 1.0E-2 - 1.0E-6 Post-BER (by layer): 9.9E-2 - 1.0E-8
MER	18 dB to 40 dB
C/N	Up to 52 dB
Echoes	v
Constellation	✓
Uncorrected packets	v
TILT	1
Attenuation	1
Digital measurem	ents DVB-S
Wideband	250 - 2400 MHz (Only compact. HW)
Wideband Power	(Only compact.
	(Only compact. HW)
Power	(Only compact. HW) 20-130dBμV
Power CBER	(Only compact. HW) 20-130dBμV 9.9E-2 - 1.0E-6
Power CBER VBER	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8
Power CBER VBER MER	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB
Power CBER VBER MER C/N Constellation Uncorrected	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB
Power CBER VBER MER C/N Constellation	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓
Power CBER VBER MER C/N Constellation Uncorrected packets TILT	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓
Power CBER VBER MER C/N Constellation Uncorrected packets TILT Attenuation	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓ ✓ ✓ ✓
Power CBER VBER MER C/N Constellation Uncorrected packets TILT	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓ ✓ ✓ ✓
Power CBER VBER MER C/N Constellation Uncorrected packets TILT Attenuation Digital measurem	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓ ✓ ✓ ✓
Power CBER VBER MER C/N Constellation Uncorrected packets TILT Attenuation Digital measurem (option 901626)	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓ ✓ ✓ ✓ ✓ ✓ ✓ 250 - 2400 MHz (Only compact.
Power CBER VBER MER C/N Constellation Uncorrected packets TILT Attenuation Digital measurem (option 901626) Wideband	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓ ✓ ✓ ✓ ✓ ✓ ✓ 250 - 2400 MHz (Only compact. HW)
Power CBER VBER MER C/N Constellation Uncorrected packets TILT Attenuation Digital measurem (option 901626) Wideband Modulations	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓ ✓ ✓ ✓ ✓ ✓ ✓ 250 - 2400 MHz (Only compact. HW) QPSK, 8PSK
Power CBER VBER MER C/N Constellation Uncorrected packets TILT Attenuation Digital measurem (option 901626) Wideband Modulations Power	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓ ✓ ✓ ✓ ✓ ✓ ✓ 250 - 2400 MHz (Only compact. HW) QPSK, 8PSK 20-130dBµV
Power CBER VBER MER C/N Constellation Uncorrected packets TILT Attenuation Digital measurem (option 901626) Wideband Modulations Power Link Margin MER C/N	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓ ✓ ✓ ✓ 250 - 2400 MHz (Only compact. HW) QPSK, 8PSK 20-130dBµV Up to 10dB Up to 20dB Up to 30dB
Power CBER VBER MER C/N Constellation Uncorrected packets TILT Attenuation Digital measurem (option 901626) Wideband Modulations Power Link Margin MER C/N LDPCBER	(Only compact. HW) 20-130dBμV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓ ✓ ✓ ✓ ✓ 250 - 2400 MHz (Only compact. HW) QPSK, 8PSK 20-130dBμV Up to 10dB Up to 20dB Up to 30dB 9.9E-2 - 1.0E-6
Power CBER VBER MER C/N Constellation Uncorrected packets TILT Attenuation Digital measurem (option 901626) Wideband Modulations Power Link Margin MER C/N LDPCBER BCHBER	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓ ✓ ✓ ✓ ✓ Ents DVB-S2X 250 - 2400 MHz (Only compact. HW) QPSK, 8PSK 20-130dBµV Up to 10dB Up to 20dB Up to 30dB 9.9E-2 - 1.0E-6 9.9E-2 - 1.0E-8
Power CBER VBER MER C/N Constellation Uncorrected packets TILT Attenuation Digital measurem (option 901626) Wideband Modulations Power Link Margin MER C/N LDPCBER BCHBER Constellation	(Only compact. HW) 20-130dBμV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓ ✓ ✓ ✓ ✓ 250 - 2400 MHz (Only compact. HW) QPSK, 8PSK 20-130dBμV Up to 10dB Up to 20dB Up to 30dB 9.9E-2 - 1.0E-6
Power CBER VBER MER C/N Constellation Uncorrected packets TILT Attenuation Digital measurem (option 901626) Wideband Modulations Power Link Margin MER C/N LDPCBER BCHBER Constellation	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓ ✓ ✓ ✓ ✓ Ents DVB-S2X 250 - 2400 MHz (Only compact. HW) QPSK, 8PSK 20-130dBµV Up to 10dB Up to 20dB Up to 30dB 9.9E-2 - 1.0E-6 9.9E-2 - 1.0E-8
Power CBER VBER MER C/N Constellation Uncorrected packets TILT Attenuation Digital measurem (option 901626) Wideband Modulations Power Link Margin MER C/N LDPCBER BCHBER Constellation	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓ ✓ ✓ 2000 MHz (Only compact. HW) QPSK, 8PSK 20-130dBµV Up to 10dB Up to 30dB 9.9E-2 - 1.0E-6 9.9E-2 - 1.0E-8 ✓ ✓
Power CBER VBER MER C/N Constellation Uncorrected packets TILT Attenuation Digital measurem (option 901626) Wideband Modulations Power Link Margin MER C/N LDPCBER BCHBER Constellation Uncorrected packets TILT	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓ ✓ ✓ ✓ 250 - 2400 MHz (Only compact. HW) QPSK, 8PSK 20-130dBµV Up to 10dB Up to 30dB 9.9E-2 - 1.0E-6 9.9E-2 - 1.0E-8 ✓ ✓ ✓
Power CBER VBER MER C/N Constellation Uncorrected packets TILT Attenuation Digital measurem (option 901626) Wideband Modulations Power Link Margin MER C/N LDPCBER BCHBER Constellation Uncorrected packets TILT Attenuation	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓ ✓ ✓ Z50 - 2400 MHz (Only compact. HW) QPSK, 8PSK 20-130dBµV Up to 10dB Up to 30dB 9.9E-2 - 1.0E-6 9.9E-2 - 1.0E-8 ✓ ✓ ✓
Power CBER VBER MER C/N Constellation Uncorrected packets TILT Attenuation Digital measurem (option 901626) Wideband Modulations Power Link Margin MER C/N LDPCBER BCHBER Constellation Uncorrected packets TILT	(Only compact. HW) 20-130dBµV 9.9E-2 - 1.0E-6 1.0E-4 - 1.0E-8 Up to 20dB Up to 30dB ✓ ✓ ✓ ✓ 250 - 2400 MHz (Only compact. HW) QPSK, 8PSK 20-130dBµV Up to 10dB Up to 30dB 9.9E-2 - 1.0E-6 9.9E-2 - 1.0E-8 ✓ ✓ ✓

Digital measurem	ents DVB-S2
Wideband	250 - 2400 MHz (Only compact. HW)
Modulations	QPSK, 8PSK, 8APSK, 16 APSK and 32 APSK
Power	20-130dBµV
Link Margin	Up to 10dB
MER	Up to 20dB
C/N	Up to 30dB
LDPCBER	9.9E-2 - 1.0E-6
BCHBER	9.9E-2 - 1.0E-8
Constellation	√ √
Uncorrected packets	1
TILT	√
Attenuation	√
Multi TS	√
Digital measurem	ents ATSC 3.0
(option 901622)	42 1000MU
Freq. Range	42-1800MHz
MPEG image	✓ QPSK, 16QAM, 64QAM, 256QAM, 1024QAM and 4096QAM
Power	-90 -20 dBm
MER	Up to 40dB
LDPCBER	1.0E-2 - 1.0E-6
BCHBER	1.0E-2 - 1.0E-8
C/N	Up to 40dB
Constellation	v
Echoes	✓
Uncorrected packets	1
TILT	√
Attenuation	√
Digital measurem (option 901622)	ents ATSC 1.0
Freq. Range	42-1800MHz
MPEG image	√ √
Modulation	8VSB
Power	-90 -20 dBm
MER	Up to 40dB
PreBER PostBER	1.0E-2 - 1.0E-8
	1.0E-2 - 1.0E-9
Constellation	v
MER by carrier Uncorrected	v
packets	√
TILT	√
Attenuation	✓
DAB/DAB+ Measu	rements
Power	20-130dBµV
MER	Up to 20 dB
C/N	Up to 30 dB
Shoulders	Up to 52dBµV
CBER	9.9E-2 - 1.0E-6
MER DAB+ Advanced	Up to 35dBµV
DAB+ Advanced measurements	Option 901629

FM Measurements Level C/N RDS	✓ Up to 52dB
C/N RDS	
RDS	
	√
FM Advanced measurements	Option 901633
Analog Measurem	onte
Level	20-130dBµV
V/A	Up to 52dB
C/N	Up to 30dB
Features	Op to 300B
	1
Up to 6 widgets User-	v
customizable	√
System Scan with	
measurements	1
and learning	-
plan	
LTE check	1
FO (-40, 7dBm)	Reference 901620
FO Selective (-40, 7dBm)	Reference 901621
GPS & Drive Test	Option 901625
MPEG2, MPEG4 Full HD Channels visualization	V
4K visualization	Option 901630
Info MPEG	SID, VID, AID, Resolution, Profile, Audio Bitrate, Video Bitrate, Resolution info
IPTV Analyser	✓
Wifi Analyser	2,4 GHz and 5 GHz
TS Analysis +	Option 901628
TS Recording	
RF Recording	Option 901631
T2MI Analysis	Option 901627
Units	dBµV, dBmV, dBm
Network Tools	√
Preamp powering	
Preamp powering	5,13, 18, 24Vdc and other (any value between 5 and 24V)
Maximum supplied power	12 W
Maximun supplied current	900 mA
LNB Tone	22 Khz
DiSEqC	1
SCR dCSS (EN 50494 EN 50607)	V

Specifications are subject to change without notice

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Options

MODELS	
REFERENCE	DESCRIPTION
901620	HEXYLON Multistandard TV and Radio Analyser with FO
901621	HEXYLON Multistandard TV and Radio Analyser with Selective FO

OPTIONAL FEATURES	
REFERENCE	DESCRIPTION
901625	GPS Option for HEXYLON
901626	DVB-S2X for HEXYLON
901627	T2MI Analyser for HEXYLON
901628	TS Analysis and TS Recorder for HEXYLON
901629	DAB/DAB+ Extended features for HEXYLON
901630	HEVC 4K for HEXYLON
901631	RF Recoder
901632	BTS Analyser for HEXYLON
901633	FM Advanced Features
901634	SFN Drift
901640	Additional Battery Pack
901641	1 Year Additional Guarantee

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