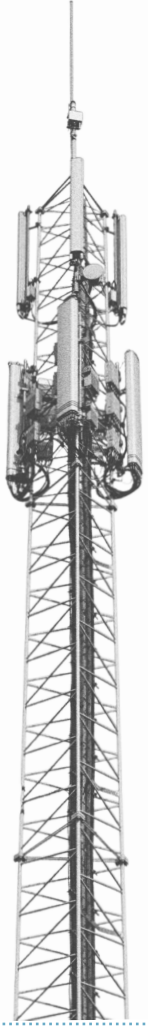
HEXYLON GAMMA

5G



YOUR GO-TO SOLUTION FOR PROFESSIONAL-GRADE MOBILE SIGNAL MEASUREMENT

UNLEASH THE FULL POTENTIAL OF 5G/4G ANALYSIS WITH UNMATCHED PRECISION

5G 4G 3G 2G

THE FIRST MOBILE NETWORK ANALYZER THAT COMBINES PASSIVE AND ACTIVE MEASURES

HIGHLIGHTS

- All in one view with up to 6 widgets to see all the information at a glance
- Powerful scan and learning plan features
- Comprehensive Signal Analyzer
- Voice and Data Quality of Service Tests
- MultiSIM: Switch operator with 6 SIM card slots

5G, 4G, 3G, 2G PASSIVE ANALYSIS

- 5G detection (subcarrier spacing 15 kHz and 30kHz) and 4G detection
- SSB spectrum display
- Operator identification and CellID
- 5G SA/NSA mode display
- Full treeview available of decoded signalling information (MIB, SIB)
- RSSI, RSRP, RSRQ and SINR
- Internal repository of of 5G/4G bands frequencies up to release 17

ACTIVE MEASUREMENTS

- IP Info: IP, Gateway, MAC, Data Usage
- Calltest: Call any number with audio spectrum representation
- Speedtest: Upload & Download bandwidth meter
- Latency: Ping any IP and track Min/Avg/Max delay

SPECTRUM ANALYSIS

- Advanced real-time spectrum analysis
- Persistent spectrum
- Waterfall
- RF Recording

DRIVE TEST MODE

- Indoor and outdoor scenarios
- Multiple channels and bands selection
- Interval selection (time/distance)
- Advanced map presentation of drive test records, with PCI/Channel/Power filtering
- Web display of map with measures of detected PCIs

BEAM ANALYSIS

- Detection of multiple PCIs available on same frequency
- RSRP measure of every beam
- Time and distance analysis of every beam using internal GPS for reference
- Beams identification with distance and historical measurements display

DESIGNED FOR FIELD USE

✓ Compact and lightweight
Weight: 2150g
Dimmensions: 220mmHx260mmWx65mmD

✓ Portable and ergonomic
Perfect for on-the-go use

✓ Passive and active measurement in a single device
6 SIM card slots

✓ Operating on 8” multitouch screen
Everything flows intuitively through naturalness in the gestural commands

✓ Mosaic exclusive feature
With up to 6 widgets fully customizable by user

✓ Field-replaceable and separately rechargeable battery
Ideal for technicians who need to work in remote locations where there is no access to a power outlet

✓ “Cloud” integrated management environment
Which allows technicians to easily store and access measurement data in the cloud, making it easy to share and collaborate with other team members

✓ Versatile Drive Test function
For 5G/4G and 5G Broadcast measurements with the internal GPS, allowing measurement initiation by time interval or distance, saving multi-channel measurements, and simultaneous PCI detection

✓ Powerful post-processing
Automated generation of maps with PCI/Channel/Power filtering, available online or in KML format, and Excel or PDF reports

✓ Comprehensive Job Planner function
Automated measurement taking in different scenarios

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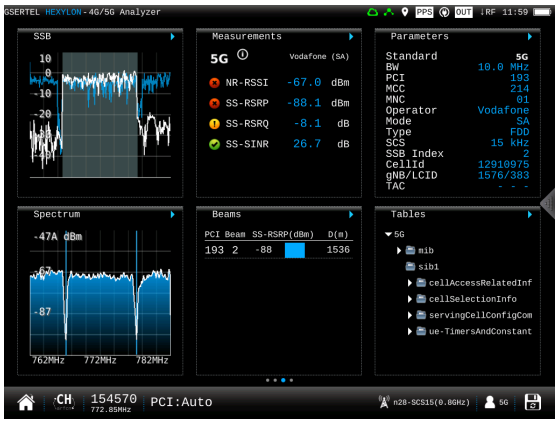
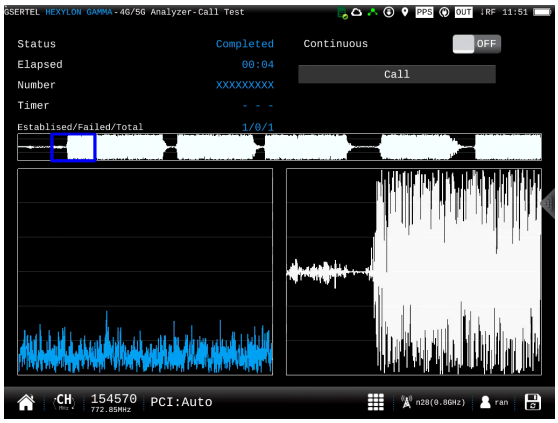
HIGH PERFORMANCE PORTABLE
5G/4G SIGNAL ANALYZER

FEATURES



EXCLUSIVE MOSAIC FEATURE

Six widgets with all the information: spectrum, SSB, measures, parameters, beams analysis, signalling data

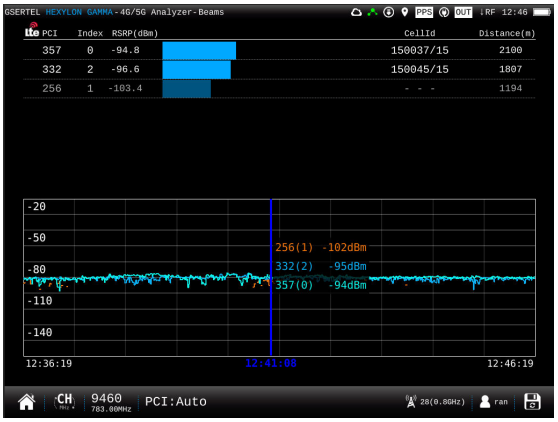


CALL TEST

Easily perform call tests using internal 5G modem, to validate network performance, including call failure and call duration statistics

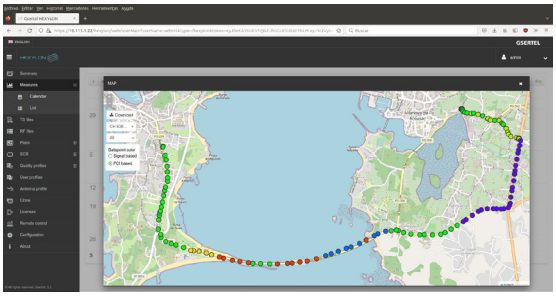
RTSA. REAL TIME SPECTRUM ANALYSIS

Provides a continuous and detailed view of real-time signals, essential for identifying interference in RF signals, which is critical in mobile telecommunications



BEAMS ANALYSIS

Time analysis of every beam using the internal GPS signal reference to identify synchronization issues at the base station



ADVANCED DRIVE AND WALK TEST FUNCTIONS

Measurements can be initiated by time interval or distance. Saves multi-channel data, and simultaneous PCIs detection.
Maps are automatically generated in KML format, with point filtering by PCI, channel, or power

SPECIFICATIONS

5G/NR 4G/LTE	Frequency range	600MHz to 5GHz
	RTSA	Persistent Spectrum
	Measurements	RSSI, RSRP, RSRQ and SINR
	Duplex mode	FDD and TDD
	SCS	15 and 30 kHz
	Max. input power	20 dBm
	Sensitivity:	
	PCI detection	-120dBm
	Displayed parameters	PCI, SA/NSA, operator, PLMN, Cell Id, TAC
	Signalling information treeview	MIB, SIB1, SIB2,...
	SSB spectrum display	PSS and SSS
	Beams analysis	RSRP and time offset/distance
3G/UMTS 2G/GSM	3G Measurements	RSSI, RSCP, ECIO
	2G Measurements	RxLev
	3G Parameters	PSC, Cellid, LAC
	2G Parameters	BSIC, Cellid, LAC

V1.9

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