



PRiSM™

Handheld scanning and spectrum analyzing

CELLULAR SCANNING MULTI-TOOL THAT FITS IN YOUR POCKET

PRiSM CONVERTS MOBILE DEVICES INTO A 5G, 4G, AND P25 NETWORK SURVEY, SCANNING, TESTING, AND TROUBLESHOOTING SCANNER AND SPECTRUM ANALYZER

Go beyond simple smartphone apps to get a detailed view of your cellular environment. PRiSM is a self-contained, lightweight scanner and spectrum analyzer that easily connects to mobile devices to provide real-time, deep insight into coverage, interference and benchmarking. PRiSM brings the power of large, expensive engineering tools to cost-effective handheld devices that can easily be used in the field. With PRiSM, today's RF specialists get the tool they need to be productive and agile.

KEY HIGHLIGHTS



Provides view to visualize signals and interference



Quickly verifies coverage of all networks



Decodes all channels in multiple technologies



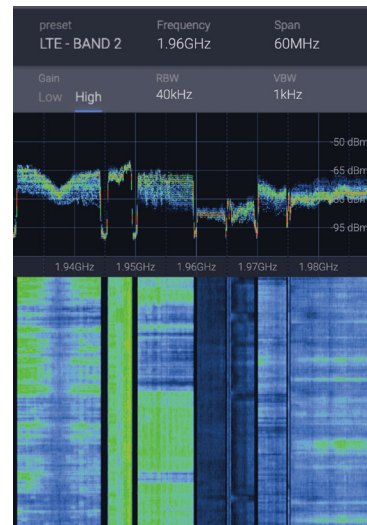
Allows insight into all cells, networks, and technologies, not just the one associated with a phone



Ideal for network survey and discovery, in-building survey and discovery, quick coverage and quality troubleshooting and measurements

SPECTRUM ANALYZER

Simple to configure and align to communications bands of interest. Real time and waterfall display provides a full view in a single window. 70MHz to 6 GHz, 50MHz IBW, fully configurable sweep range.



5G / 4G / P25 PCI SCANNER

- Fast results on multiple networks and PCIs
- Full band blind scan finds all cells without having to know the EARFCN or center frequency
- Provides real-time PCI measurements of all received cells.

The screenshot shows the PCI Scanner interface with a table of detected cells. The table is organized by network operator.

700 – AT&T Wireless Inc.				
PCI	RSRP	RSRQ	SINR	
104	-80 dBm	-10 dB	9.5 dB	
268	-83.3 dBm	-10 dB	-9.7 dB	
454	-87.9 dBm	-10 dB	-10 dB	
854 – T-Mobile				
PCI	RSRP	RSRQ	SINR	
8	-94.4 dBm	-10 dB	9.9 dB	
191	-95.7 dBm	-10 dB	0.4 dB	
925 – Verizon Wireless				
PCI	RSRP	RSRQ	SINR	
198	-76.9 dBm	-27.3 dB	9.9 dB	
200	-77.5 dBm	-9.9 dB	-10 dB	
1004 – T-Mobile				
PCI	RSRP	RSRQ	SINR	

FEATURES

DATA MODES

LTE (4G)

- PCI, EARFCN, Frequency, Cell Identity, MCC/MNC, TAC, RSSI, RSRP, RSRQ, SINR, MIB, SIBs 1-4†

NR (5G)

- PCI, NRARFCN, Frequency, Cell Identity, MCC/MNC, SS-RSSI, SS-RSRP, SS-RSRQ, SS-SINR, SSB Beam Index, MIB, SIB 1†

P25

- RSSI, BER, SNR, Network ID, WACN ID

LOGGING REPORT†

- 1 point / channel / second

PERFORMANCE

MEASUREMENT RATE

LTE (4G)

- 7 / sec*

NR (5G)

- 3 / sec*

P25

- 4 / sec

POWER MEASUREMENT ACC.

- ± 2 dB @ 25°C (77°F)

MIN DETECTION LEVEL

- -127.5 dBm

PHYSICAL

SIZE

Width

- 87 mm (3.4")

Length

- 61 mm (2.4")

Height

- 12 mm (0.5")

WEIGHT

- 4 oz (114 g)

POWER

- USB-C – 3 W (active)

ENVIRONMENTAL

OPERATING TEMP RANGE

- 0°C to +50°C

WARANTY

- 1 year with service plan

CALIBRATION INTERVAL

- 1 year

† Requires Advanced Scanning License

* Single PCI



PRISM easily mounts to mobile devices and weighs under 114 grams (4 oz.)

Specifications subject to change without notice.

Epiq Solutions is a business dedicated to advancing RF technology through products designed and manufactured in the U.S.A.

Epiq Solutions exports its products strictly in accordance with all US Export Control laws and regulations which shall apply to any purchase or order.

