

OCTOPUS™

LPWAN SURVEYOR

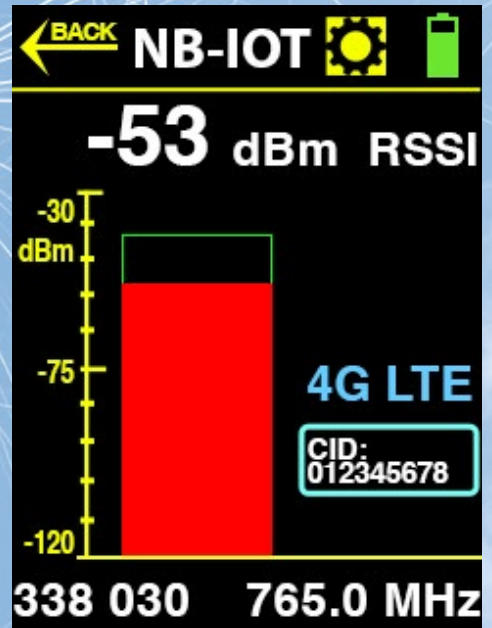
No subs, SIMs, apps or phones required



Install & optimize 2G/3G/4G/5G IoT networks for all smart devices

GSM, CAT-M1 & NB-IOT measurements



SMART

Cities
Lights
Traffic
Cars
Homes
Parking



← BACK U.S. PROVIDERS  

MCC / MNC CARRIER	FREQ MHz	RSSI dB	SIG TYPE
338 030	740.0	-87	NB-IOT
254 160	763.0	-102	NB-IOT
AT&T	755.6	-98	NB-IOT
166 710	2149.1	-101	NB-IOT
VERIZON	1967.5	-76	CAT-M
T-MOBILE	887.5	-59	GSM

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LPWAN SURVEYOR

2G/3G/4G/5G NETWORK SUPPORT: CAT-M1
NB-IoT
GSM

2G FREQUENCY SUPPORT (MHz) 850, 900, 1800, 1900

CAT-M1 LTE BANDS: B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B25, B26, B27, B28, B66, B85, B8_39d

NB-IoT 4G LTE BANDS: B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B25, B26, B28, B66, B71, B85, B8_39d

DUAL MODE:

LTE-M/NB-IoT NB-IoT: B1, B2, B3, B4, B5, B8, B8_US, B12, B13, B18, B19, B20, B25, B26, B27, B28, B66, B71, B85, B103

2G BAND SUPPORT: B2, B3, B5, B8

4G LTE MEASUREMENTS: RSSI in dB

GENERAL SPECIFICATIONS:

Antenna: Multi-band SMA 50 ohm
Controls: Color touchscreen
USB Port: Trickle charges unit
Updates firmware
Export measurements to Windows PC for further analysis
Alerts: Audible beeps and vibrations
Warm Up Time: < 1 minute
Runtime: ~ 6 hours on a full charge
Power: Internal Li-Po battery system
12V jack for external power & charging dock
Display 320 x 240 resistive LCD touchscreen
Weight: 1 lbs.
Dimensions: 5.5" H x 3" W x 1.25" L

INCLUDED ACCESSORIES:

Rugged Carrying Case
AC Fast Charging Dock
(1) Omni-Directional Multi-Band SMA Antenna

OPTIONAL ACCESSORIES:

DF Antenna: Direction Finding Antenna

