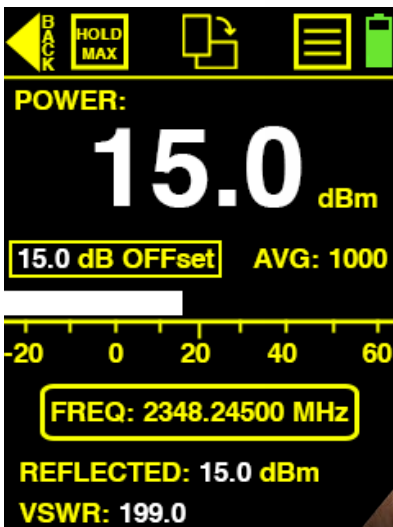
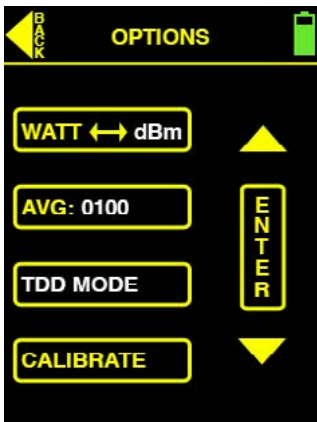
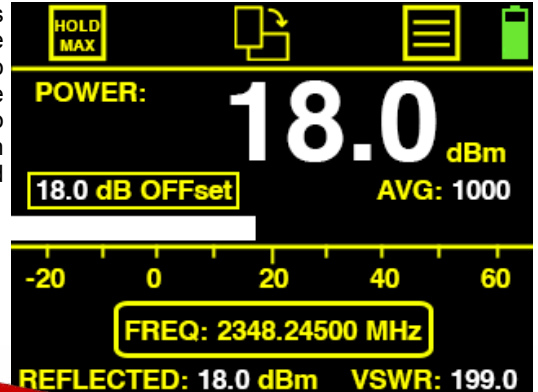


# RedFrog

## WIDEBAND POWER METER

- Measures digital & analog RF power
- Wide 700-6000 MHz frequency range
- Measure true average power
- Touchscreen display & control
- Power in watts or dBm
- VSWR and reflected measurements
- Internal rechargeable battery
- Type-N connections

RedFrog supports landscape mode allowing users to easily navigate without having to re-orient unit when tethered to rigid cabling.





## WIDEBAND POWER METER

### TECHNICAL SPECIFICATIONS:

FREQUENCY RANGE:	700 MHz to 6000 MHz
FREQUENCY RESOLUTION:	2.5 kHz
RF INPUT RANGE:	from 0 dBm to 54 dBm (1 mW to 250 Watts)
INPUT SIGNAL:	CW, GSM, CDMA, Wi-MAX, LTE TDD, etc.
MEASUREMENT ACCURACY:	Better than 0.65 dBm in range 0 dBm to 54 dBm
MEASUREMENT RESOLUTION:	0.1 dBm
REFLECTED POWER:	0 dBm to 54 dBm
MEASUREMENT VSWR:	1.2 to 199
MEASUREMENT SPEED:	1500 samples per second in range of 0 to 54 dBm
MEASUREMENT AVERAGING:	100 to 1000 samples
COUPLER INPUT IMPEDENCE:	50 Ohm Type N, Bi-Directional High Power Coupler
COUPLER INPUT VSWR:	Less than 1.15
COUPLER INSERTION LOSS:	Less than 0.2 dB
RF COUPLER DIRECTIVITY:	Higher than 25 dB for 700 - 3000 MHz Higher than 19 dB for 3 - 6 GHz
MAX INPUT/PROTECTION:	250 Watts for 60 seconds

### GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE:	-10° to +45° C
STORAGE TEMPERATURE:	-20° to +70° C
SIZE:	1.45" H x 5.4" W x 5.5" D
WEIGHT:	1.6 Lbs
POWER:	Internal battery, runtime 4-5 hours or external power DC 12 volts
PC CONTROL PLATFORM:	Setup RedFrog, logging data, graphical power measurements over time

*RedFrog™ includes rugged transport case, PC software, power transformer, barrel plug and Windows 10 software allowing control and monitoring of all unit parameters including power over time*