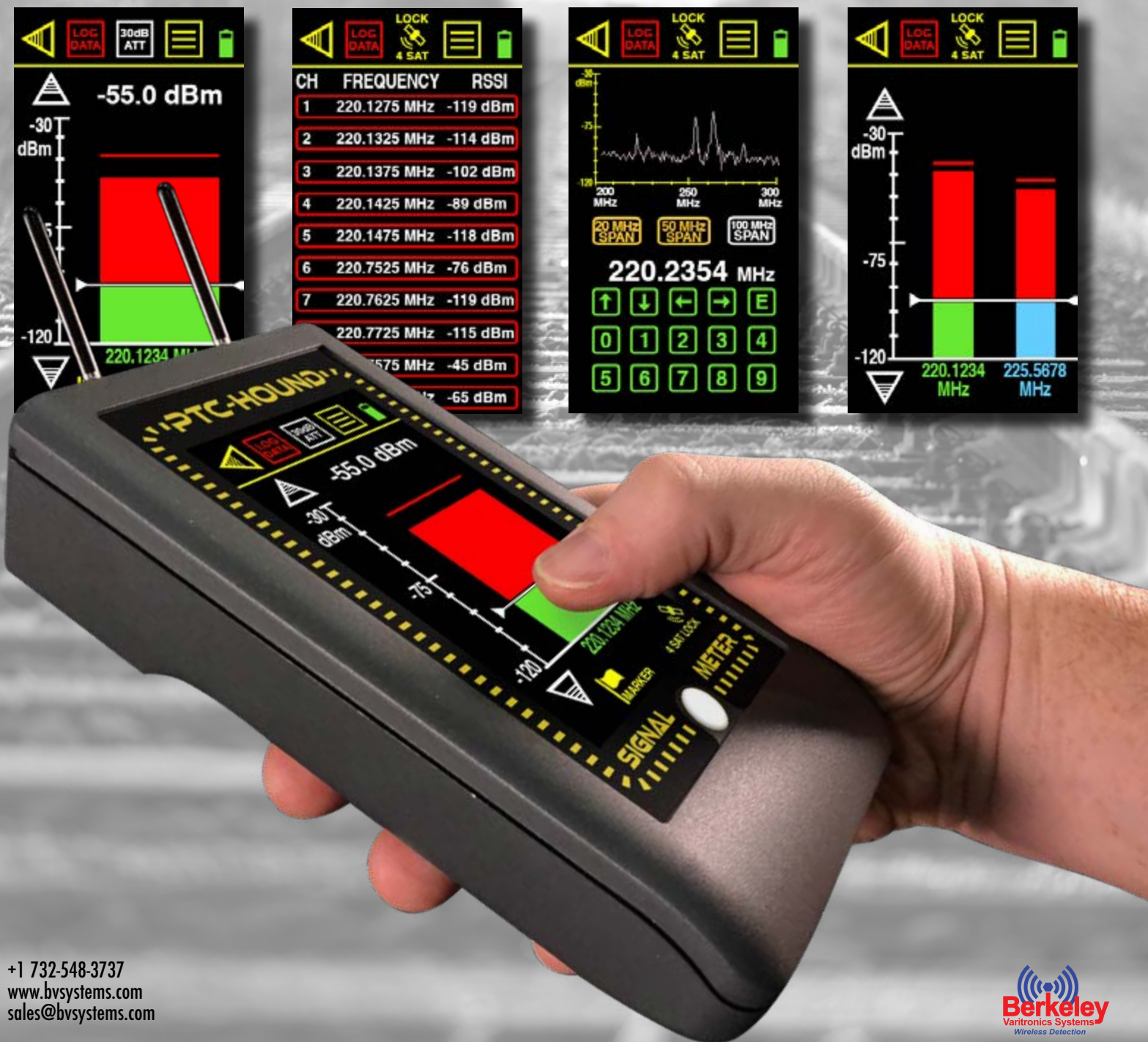


PTC-HOUND™

POSITIVE TRAIN CONTROL SIGNAL METER

- **Survey & Verify PTC Wireless Data Links & Networks**
- **Touchscreen Spectrum Analysis at Your Fingertips**
- **Adjustable Thresholds, Internal GPS & Multi-Band Measurements**
- **Logs Measurements From Multiple Bands Simultaneously For Later Analysis**



PTC-HOUND™

POSITIVE TRAIN CONTROL SIGNAL METER

FREQUENCY RANGE	100-1000 MHz
SUPPORTED BANDS	RF Input 1: 100-300 MHz RF Input 2: 300-1000 MHz
FREQUENCY RESOLUTION	250 Hz
FREQUENCY ACCURACY	± 1.5 PPM internal reference, Aging: ± 1 PPM per year
IF RESOLUTION BANDWIDTH	6 kHz, 12 kHz
SENSITIVITY	-120 dBm for 6 kHz and 12 kHz IF RBW
ADJ. CHAN. REJECTION	>40 dB
STABILITY	± 0.25 PPM from 0° to 50° C
PHASE NOISE	10 kHz offset -85 dBc typical 100 kHz offset -115 dBc typical 1 MHz offset -125 dBc
NOISE FIGURE	7 dB typical for 12 kHz IF BW
IMAGE REJECTION	50 dB minimum
MEASUREMENT RANGE	-120 dBm to -30 dBm, 0.1 dB resolution
ACCURACY	RF Input 1: ± 1 dB, -30 dBm to -105 dBm RF Input 2: ± 2 dB, -105 dBm to -120 dBm
RF INPUT	(2) SMA 50 Ohms, 1.8:1 VSWR maximum
MAXIMUM RF INPUT WITHOUT DAMAGE	+13 dBm
LO LEVEL AT RF INPUT	-70 dBm maximum
OPERATING TEMPERATURE	-15° to 45° C
RELATIVE HUMIDITY	Up to 90%, non-condensing
GPS RECEIVER	Internal 12-channel/satellite differential GPS navigation with active antenna
RECEIVING MODES	High-speed active scanning
ANTENNAS SUPPORTED	Removable omni-directional SMA connection
POWER REQUIREMENTS	Internal built-in 5 Ah Li-Ion battery
CHARGING	4-5 hours
BATTERY RUNTIME	Up to 4 hours
DISPLAY & CONTROL	480 x 272 sunlight readable color TFT resistive touch screen
UNIT DIMENSIONS	6.8" x 3.6" x 1.6"
DOCK DIMENSIONS	4.1" x 4.8" x 2.2"
STORAGE	Internal data logging capacity up to 512Mbit
PORTS	Mini-USB for data export
ALERTS	Vibration (toggleable) and visible (red LED on top of unit)
SOUND	Audible feedback from touchscreen taps
INCLUDED ACCESSORIES	(2) Omni-directional SMA antennae, power adapter, charging dock, carrying case