

SPECIFICATION SHEET

900E ANTENNA, PARASITIC ELEMENT TESTER (PET) TOOL MODEL dBs 900E PET

dBs PART NUMBER 901510-100

The dBs 900E PET is a lightweight handheld tool used to identify faults on the 900E Antenna 15 Hz and 135 Hz Parasitic Elements. The PET evaluates and reports all combinations of failures on the Parasitic Element in question testing Forward Bias, Reverse Bias, and Continuity failures. These



tests are performed on High Band, Mid Band, and Low Band simultaneously. The results are displayed to the user by means of a front panel LCD screen.

The dBs 900E PET is powered by a standard 9V battery or by a provided wall power supply. Using a single 9V battery, the user can execute all applicable tests over 200 times before the dBs 900E PET reports a low battery. A battery door provides easy access to change the battery.

**dBs 900E ANTENNA
PARASITIC ELEMENT TESTER
S/N 0001
P/N 901510-100**



**MANUFACTURED BY
dB Systems Inc.
HURRICANE, UTAH U.S.A.**

The dBs 900E PET is resistant to Electrostatic Discharge (ESD) events, utilizes circuit protection fuses, and has software Built-In Testing (BIT) to ensure circuitry is functional. The device enters a low power mode when it detects a lack of activity to preserve battery power between uses.

900E ANTENNA, PARASITIC ELEMENT TESTER (PET) TOOL

Model dBs 900E PET
dBs PART NUMBER 901510-100

SPECIFICATIONS/CHARACTERISTICS

TYPE: Tool, Maintenance Testing

NET SIZE: 7.25" long, 3.9" wide, and 1.8" tall

GROSS SIZE: 10.0" long, 8.0" wide, and 6.0" tall

NET WEIGHT: 1.5 lbs.

GROSS WEIGHT: 2.0 lbs.

PHYSICAL DESIGN: Black anodized aluminum case with ergonomic hand grips. Four menu direction buttons on the left side of the tool and a three position knob on the right side of the tool for switching between OFF, Auxiliary Wall Power (AC), and Battery Power (BATT). An LCD screen is used to display test options and test results.



SCREEN SPECS: 3.125" screen, LCD 4 X 20 character display, blue display with white LED

DC INPUT VOLTAGE: Range: 8VDC to 10VDC, Nominal: 9.0VDC

OPERATING TEMPERATURE: -20° C to +50° C

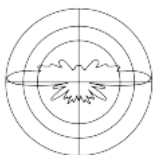
STORAGE TEMPERATURE: -30° C to +50° C

RELATIVE HUMIDITY: 5 to 90%

VIBRATION: 10–55 Hz, 15mm amplitude

SHOCK: Basic transportation

PROVIDED ACCESSORIES: Comes with a 36" alligator clip to banana jack cable for grounding purposes, a 9V battery, and a 120 VAC to 9 VDC wall adapter with 6' output cable as a provided power supply.



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