

Product Brief

# VIAVI

## 3515LSR Test System

Life Support Radio System

A self-contained, compact, transportable, automated test system designed for ease of use and deployability.

The 3515LSR is used for operational verification testing of life support radio systems: 406 MHz COSPAS/SARSAT beacons, 121.5 MHz beacon and 243 MHz beacon.

### Operational Testing without False Alerts

One of the keys to testing life support radios is minimizing the radiated RF, and even more important, ensuring that the 406 MHz COSPAS/SARSAT Beacon does not trigger a false alert inadvertently. To accomplish this, VIAVI Solutions has designed a custom RF isolation chamber which provides the user with better than 70 dB of isolation. With this type of isolation, the technician can feel confident that he can fully test a life support radio without running the risk of triggering a false beacon event.



### Features

- Simple test operation; verifies the radio beacon is working
- Allows test settings and test results to be saved and retrieved for historical or statistical analysis
- Small size, easy to deploy – all equipment fits into rugged carrying case

### Benefits

- Compact, portable life support radio test system
- Operational testing without false alerts
- Verification testing of life support radio systems:
  - 406 MHz COSPAS/SARSAT beacons
  - 121.5 MHz beacon
  - 243 MHz beacon
- Replaces the RCTS-003B

### Applications

- Life Support LRU's Supported
  - PRC-112G
  - PRC-90-2
  - URT-33

## Ordering Information

### Versions, Options, and Accessories

Order Number	Description
90567	3515LSR Life Support Radio Test System CPIN:83C3515ACCESSORYKIT-S001-00A T.O. Number: 33A1-3-628-1
92163	3515LSR Test System Kit NSN: 6625-01-624-2023
91590	3515AR Radio Test Set NSN: 6625-01-572-6346
90314	RF Shield Enclosure
67374	External DC Power Supply
62302	AC Power Cable
90316	Accessory Kit, Qty. 1
92006	Foam Insert
92356	3515LSR System Manual, CD
6134	Getting Started Manual, Print
6132	3515AR Operation Manual, CD
92372	3515LSR Script Software, CD
10220	Accessory Bag
90698	Accessory Bag Cord
92329	RF Cable, BNC-M to N-M
92308	3515LSR Interface Cable Assy.
90369	PRC-112G Battery Adapter
90689	URT-33 Battery Interface Cable
90368	PRC-90-2 Interface Assembly Cable
90309	PRC-112G Matching Antenna
92307	Earphone Adapter
64164	PRC-90-2 Antenna Interface Adapter
64166	URT-33 Antenna Interface Adapter
64598	Comm Breakout Box

## 3515AR Radio Test Set

A key component of the 3515LSR Test System is the 3515AR Test Set. The 3515AR Test Set is a complete communication service monitor; packaged in a rugged magnesium alloy case and weighing less than 8 lbs. Not only do you have the ability to support all life support and SAR beacon applications, but you have the flexibility to test VHF and UHF radios, tactical radios, vehicle installations, and antennas.

The 3515LSR Test System Kit allows current 3515AR Test Set owners to convert their existing test set into a full 3515LSR Test System by supplying the custom software scripts, RF isolation chamber, custom cabling, and standard accessories.



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