

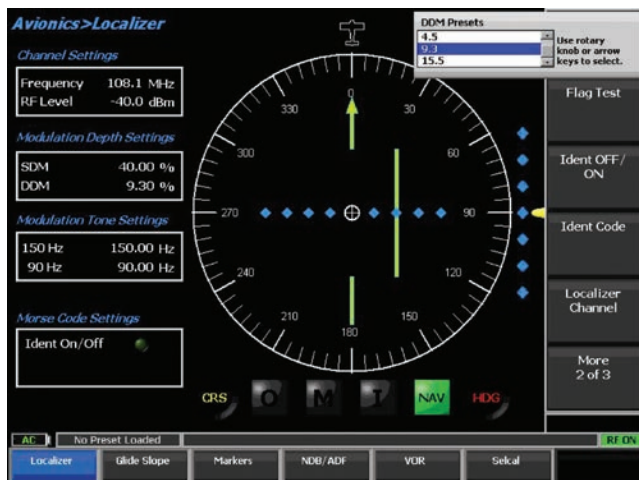


## Avionics Test Mode for FREEDOM R8x00 Analyzers

An industry first - avionics ramp test capability is now available in an LMR service monitor! An all-in-one solution for radio shops with the need to test avionics radios, our ramp test option includes:

- ILS (Instrument Landing System) Localizer and Glide Slope
- VOR (VHF Omni-directional Range)
- Marker Beacons
- Non-Directional Beacons / ADF (Automated Direction Finding)
- SELCAL (Selective Calling System)
- Morse Code Identification

### Functions & Features

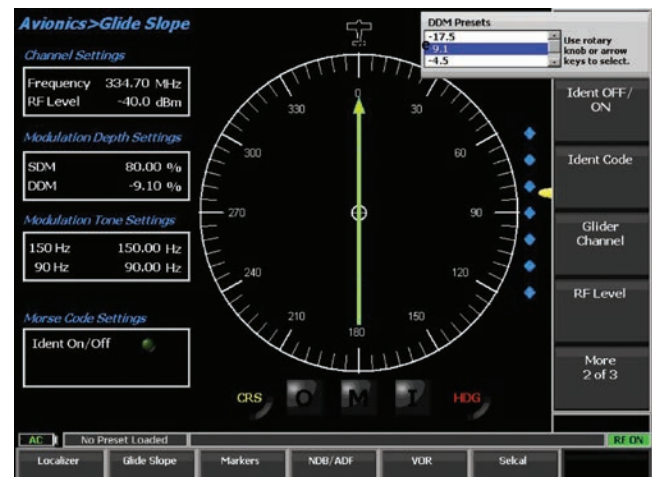


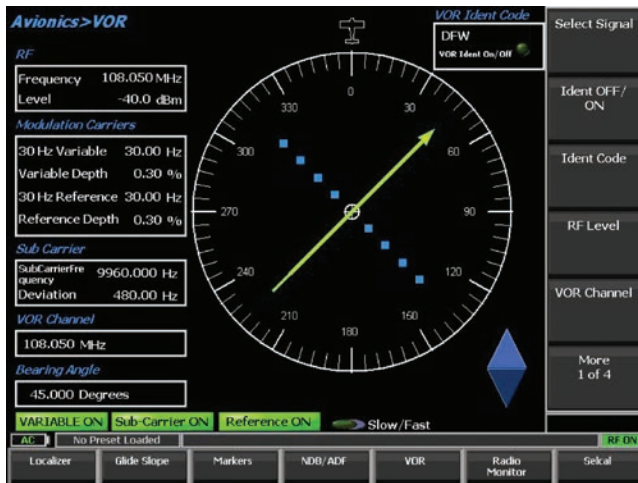
#### Localizer Beacon (ILS Horizontal Guidance)

- » Selectable RF Channel Frequencies
- » Adjustable settings for all Modulations
- » Pre-sets for standard Differential Depth of Modulation (DDM)
- » Alpha/Numeric entry of Beacon Ident Code
- » Invalid Modulation Flag Test

#### Glide Slope (ILS Vertical Guidance)

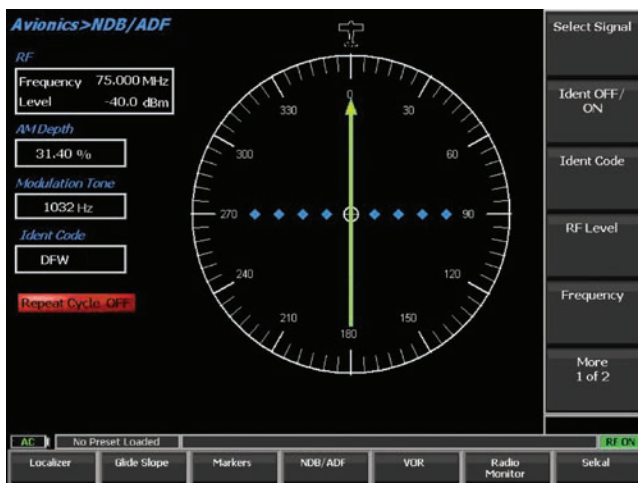
- » Channel Frequencies Paired to Localizer (Coming Soon)
- » Adjustable settings for all Modulations
- » Pre-sets for standard Differential Depth of Modulation (DDM)





## VHF Omni Directional Range (VOR)

- » Selectable RF Channel Frequencies
- » Adjustable settings for all Modulations
- » Incremental Adjustable Bearing
- » Fast and Slow Bearing sweep
- » Alpha/Numeric entry of Beacon Ident Code

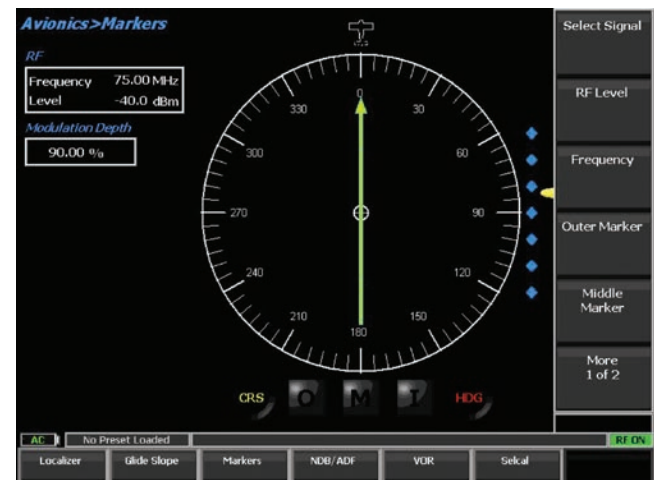


## Non Directional Beacon (NDB)

- » Full Control of RF Channel Frequency AM Modulation
- » Full control of Ident Modulation(1020Hz)
- » Alpha/Numeric entry of Beacon Ident Code

## Marker Beacons

- » Full Control of RF Channel Frequency and Marker Modulations (Idents)
- » Selectable Outer, Middle and Inner Beacons Modulation Idents
- » Color lamp indication that mimic aircraft display indicators



## Selective Calling (SELCAL)

- » Modulation Generator for 4 digit ICAO Selcal coding
- » Alpha/Numeric entry of Selcal Ident Code
- » Modulations can be applied to any RF Frequency set in RF Zone Zone

## FREEDOM

### Get Started Today

To find your local representative, visit:

[freedomcte.com/sales](http://freedomcte.com/sales)

2002 Synergy Blvd, Suite 200, Kilgore,  
TX 75662 USA  
+1.903.985.8999

ATSales@astronics.com  
Sales@FreedomCTE.com

[Astronics.com/LMR](http://Astronics.com/LMR)  
[AstronicsTestSystems.com](http://AstronicsTestSystems.com)