SSQ-57A test connector receptacle pinout (viewed from outside). Jumpers normally installed are indicated.

**ICOM IC-R8500**

**Communication Receiver**

**Hewlett-Packard 3562A Dynamic Signal Analyzer**

**Setup of ICOM IC-R8500**

Mode = FM, with bandwidth = 12 kHz
Output signal amplitude is independent of speaker volume setting.

**NOTE:**
The IC-R8500 channel frequency bandwidth is smaller then sonobuoy max. frequency deviation. However, seismic signals (reflections) are normally so weak that they will not lead to distortion due to this bandwidth "mismatch".

**Setup of HP 3562A Dynamic Signal Analyzer**

1. Frequency response:
   - Ch. 1 set as reference, source level = 5 mvRMS
2. Distortion:
   - Source = Fixed sine, 40 Hz, 5mVRMS
   - Power spectrum measured on ch. 2