


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 than 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

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

 University of Bergen	Sonobuoy system			
	Test setup			
Inst. of Solid Earth Physics	SIZE A3	FSCM NO	DWG NO sonobuoy-system-02-1A.vsd	REV 1
OM, 28 Nov, 2002	SCALE 1:1	SHEET 1 OF 1		