

Specification Sheet

Object	Half Wave Dipole Antenna	REV.	1.0	Page	7
Model name	HPA-110	Date	2003-04-15		
System	2400 – 2483.5 MHz	Written by	SOCK HYUN BACK		

Electric Specification

Frequency	2400 – 2483.5 (MHz)
Radiation Pattern	Omni - directional
V.S.W.R	1.9 : 1 (max)
Gain (max)	4 (dBi) ± 0.5(max)
Input Impedance	50 (Ω)
Polarization	Vertical
Power Handling	3 watts (max)

Mechanical Specification

Dimensions	183.0mm ± 2mm
Weight	18 ± 2(g)
Radiator Material	Copper
Operation Temperature	-30 – 90 (°C)
Operation Humidity	0 - 95 (%)

Remarks	SMA Male, 0 – 90° Tilt
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HandyWave Co., Ltd.

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Fig 2. VSWR

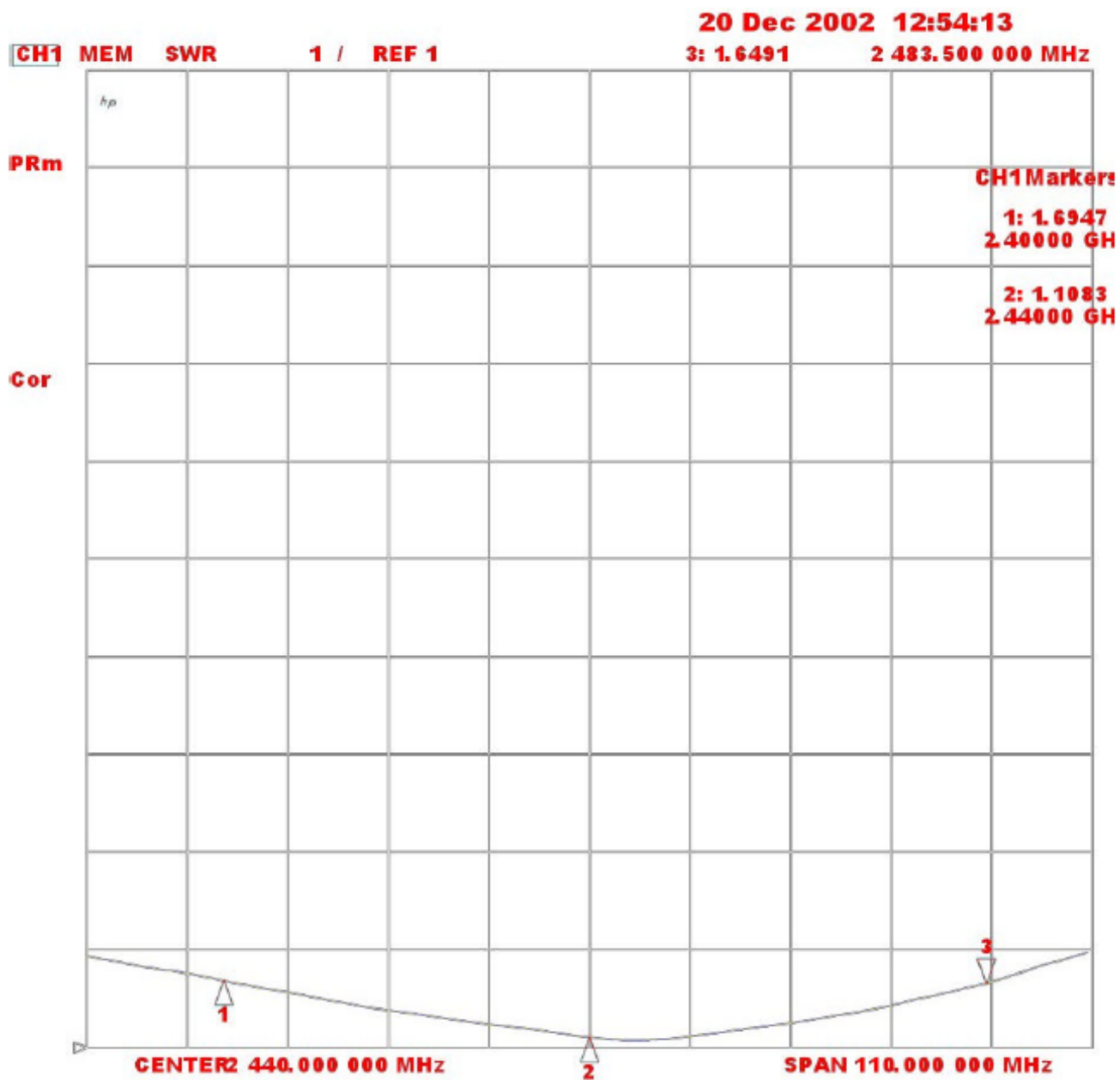


Fig 3. Return loss

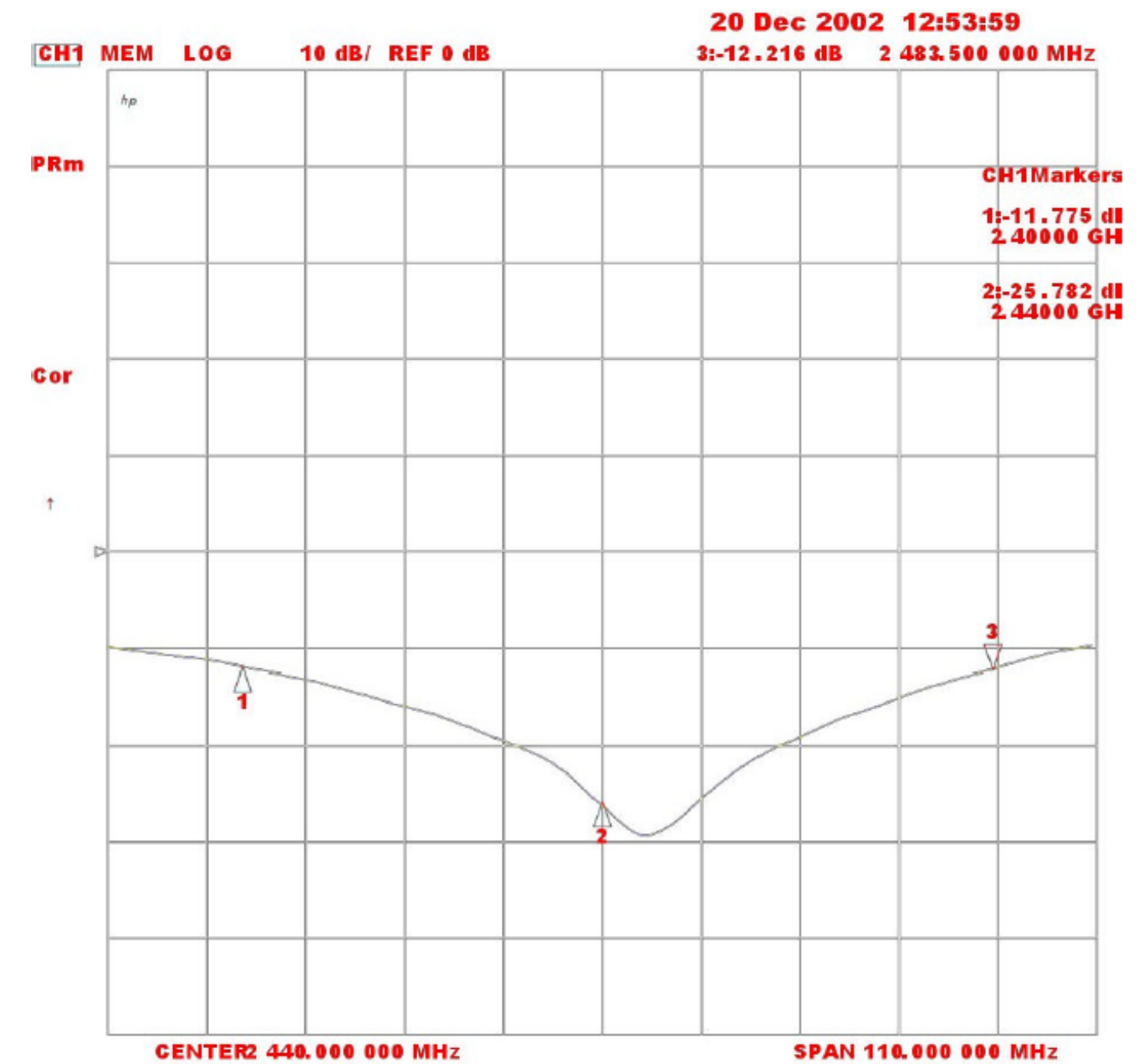


Fig 4. SMITH CHART

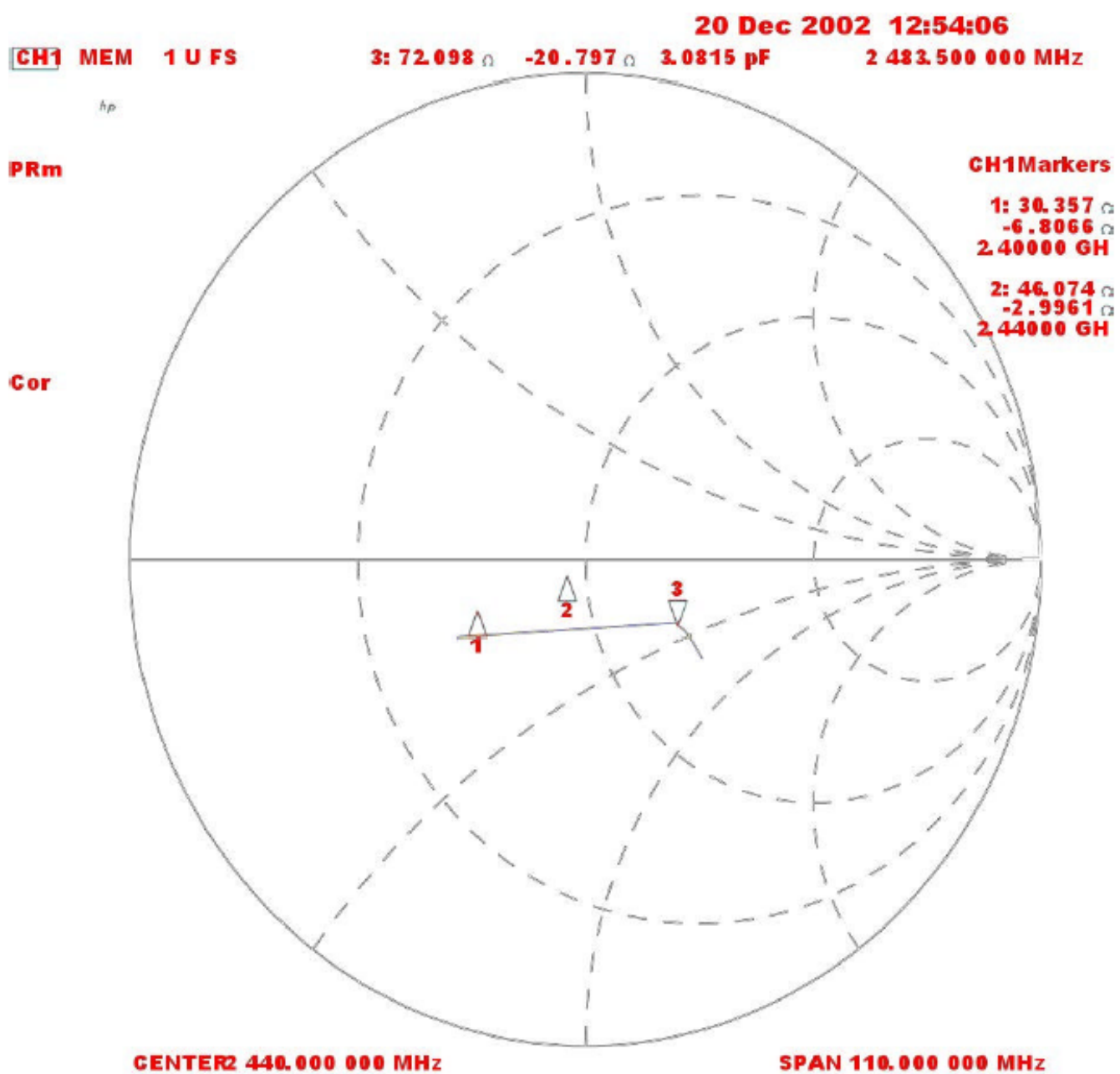


Fig 5. PATTERN

