

--

SPECIFICATION

Model No.	MK30
APP. Type	Bluetooth Handsfree
Antenna	MK30_TH_REV1.0
TYPE	PIFA
Maker	MOVON COPORATION

april, 1, 2008

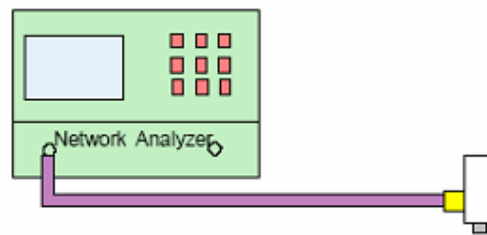
MOVON	DESIGNED	CHECKED	APPROVED

MOVON CORPORATION Research & Development Laboratory Contact : LEE TAE HYUNG : Richard.lee@movon.co.kr

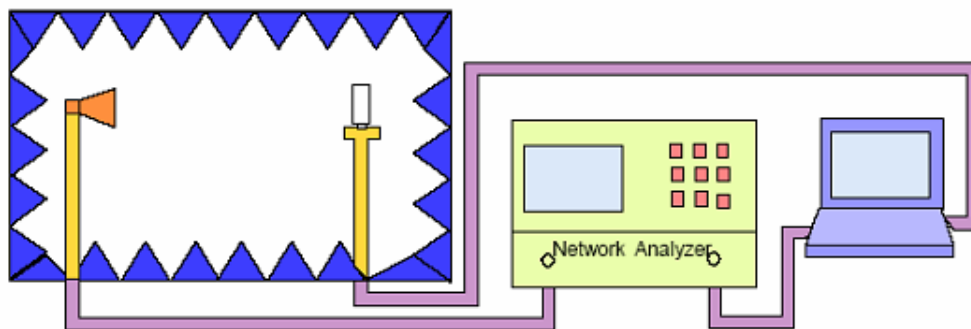
1. MEASUREMENT

For the antenna measurement, Frequency and VSWR is measured by using Network Analyzer after setting, while Gain is measured in the shield room

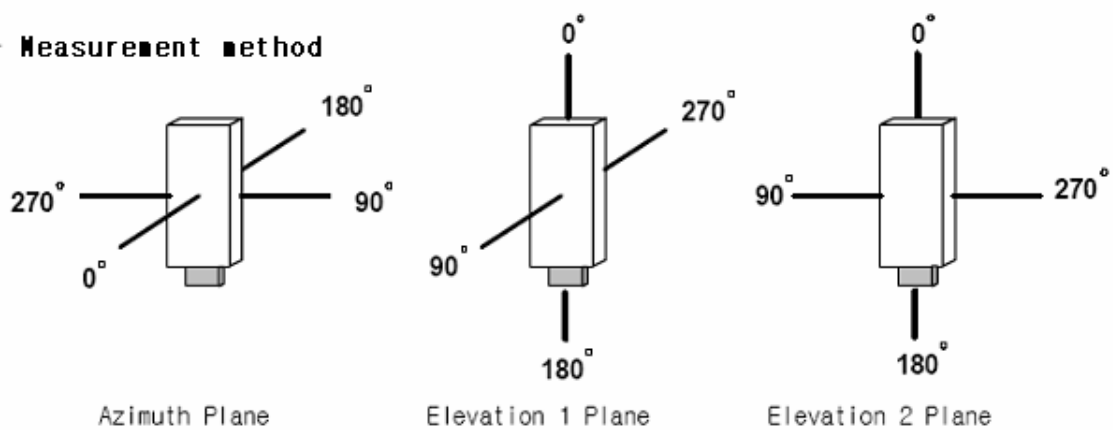
Frequency, VSWR measurement



Gain measurement



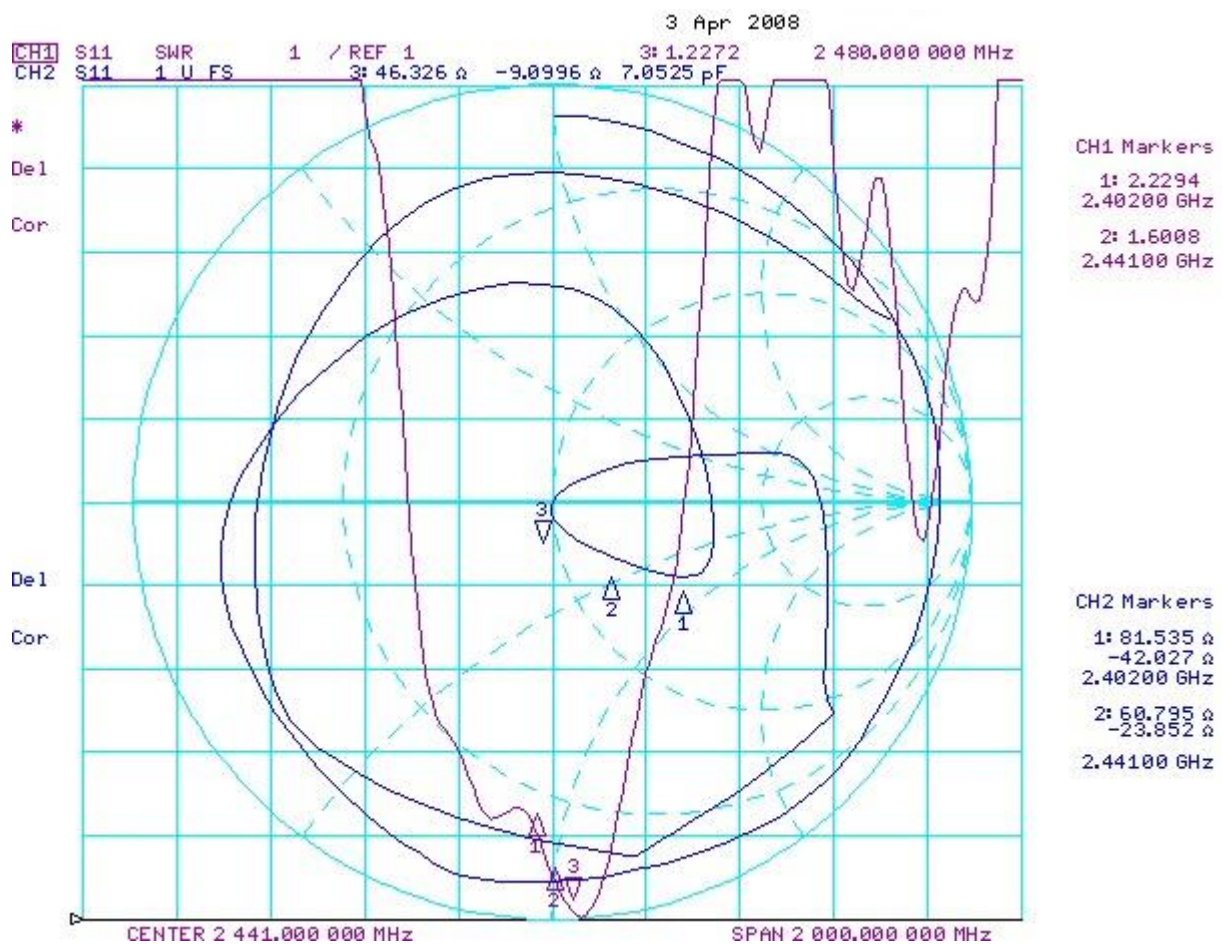
Measurement method



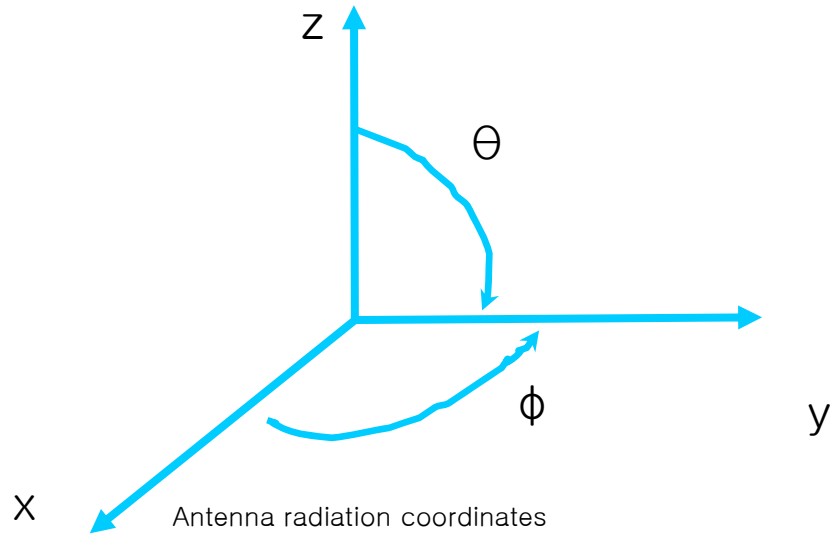
2.ELECTRICALLY CHARACTERISTIC

ITEM	SPEC
Frequency Range [MHz]	2402~2480
V.S.W.R.	2.0 Max
Gain [dBi]	0
Bandwidth [MHz]	120

[Picture-1 VSWR]



3. Measure results for Radiation pattern

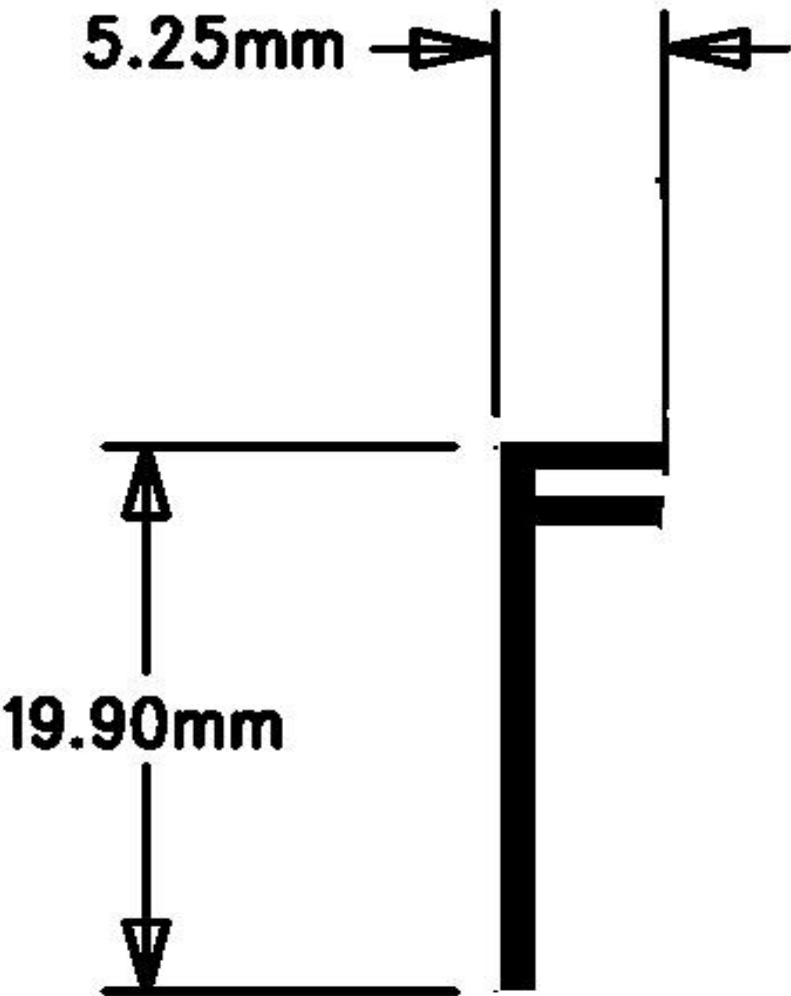


Test condition

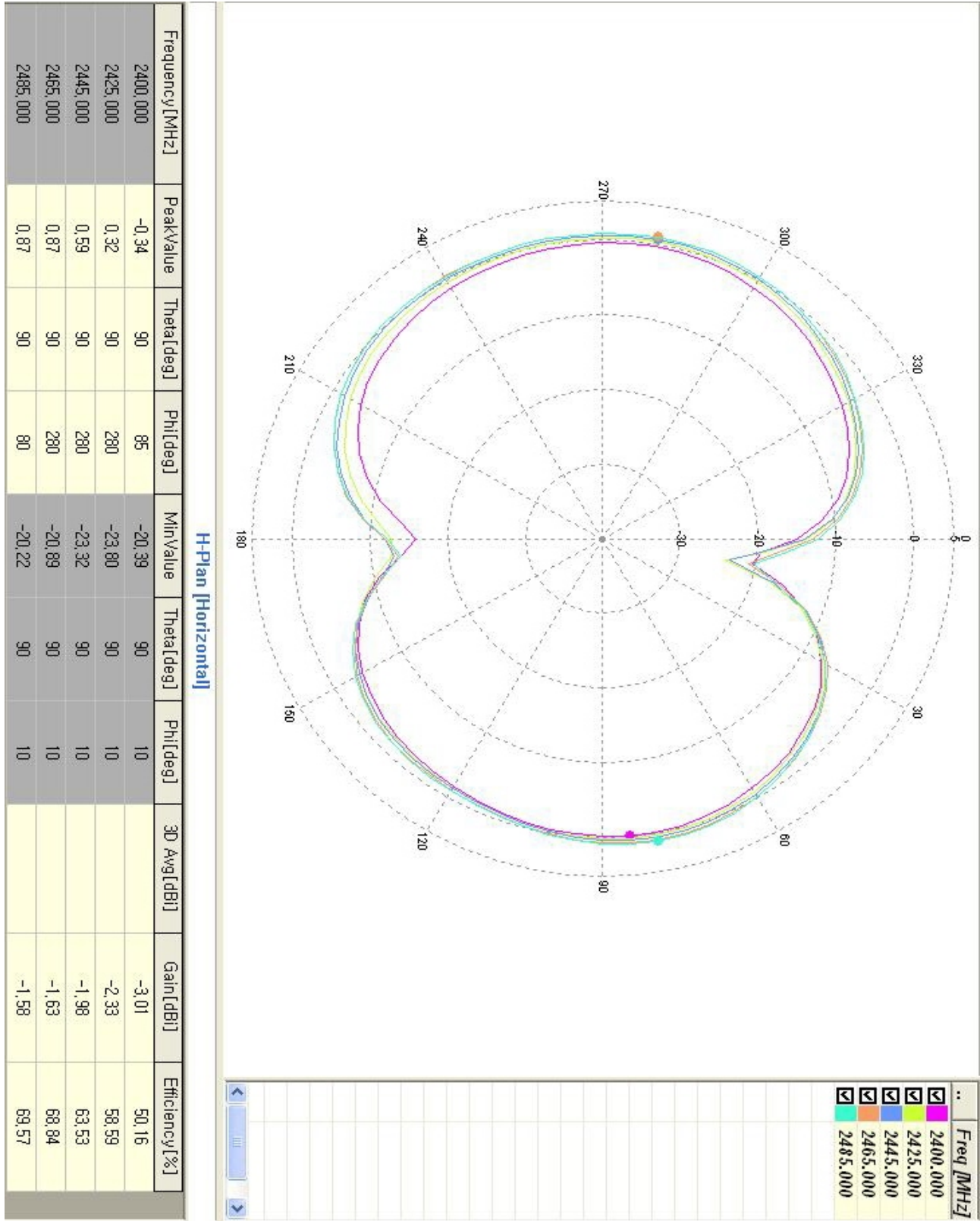
Parameters	condition	Unit
Chamber size	6*10*4	M
Temperature	21.5	°C
Humidity	55	%
Measurement	S21(network Analyzer)	8510C
System software	Midas(Orbit/FR)	Version 3.0

- E,H ≡ linear horn antenna : E plane(roll=0deg.)과 H plane(roll=90deg.).

4.Dimension



[Azimuth XY]



[Elevation XZ]

