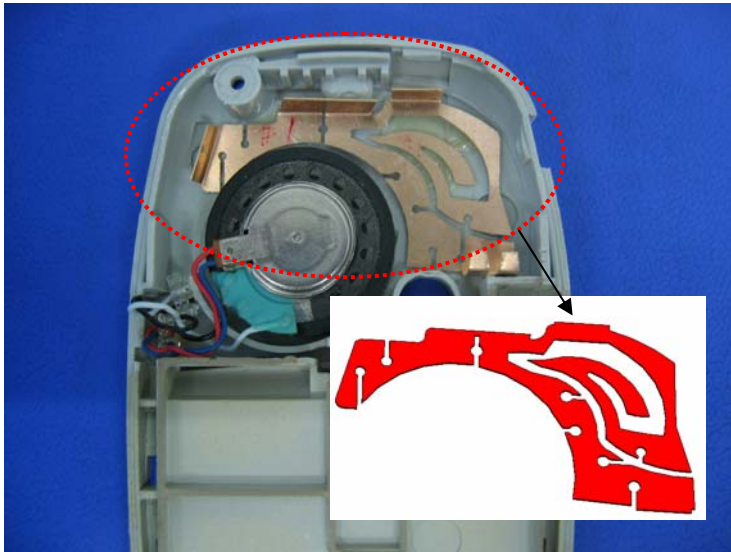
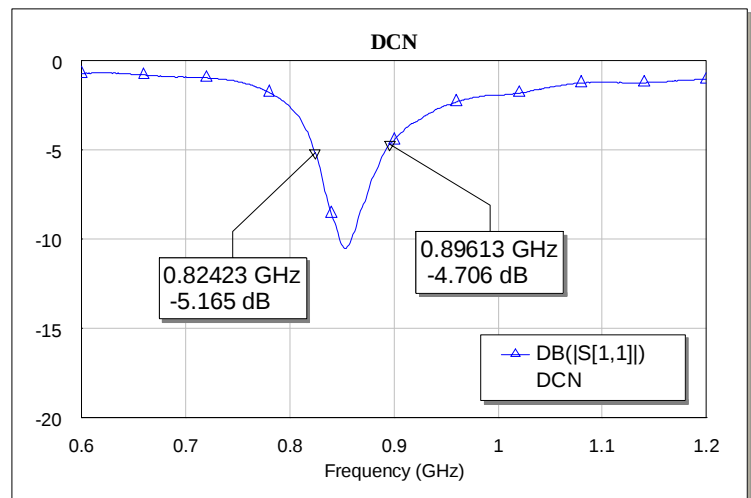
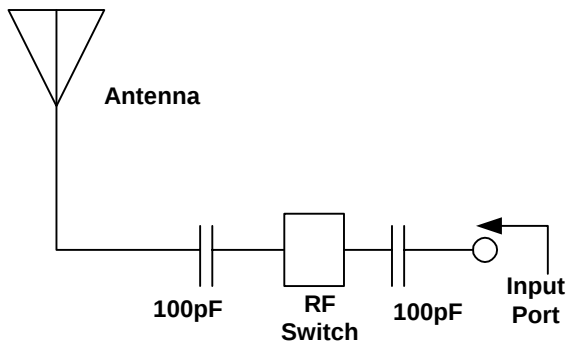


- LG Internal Antenna

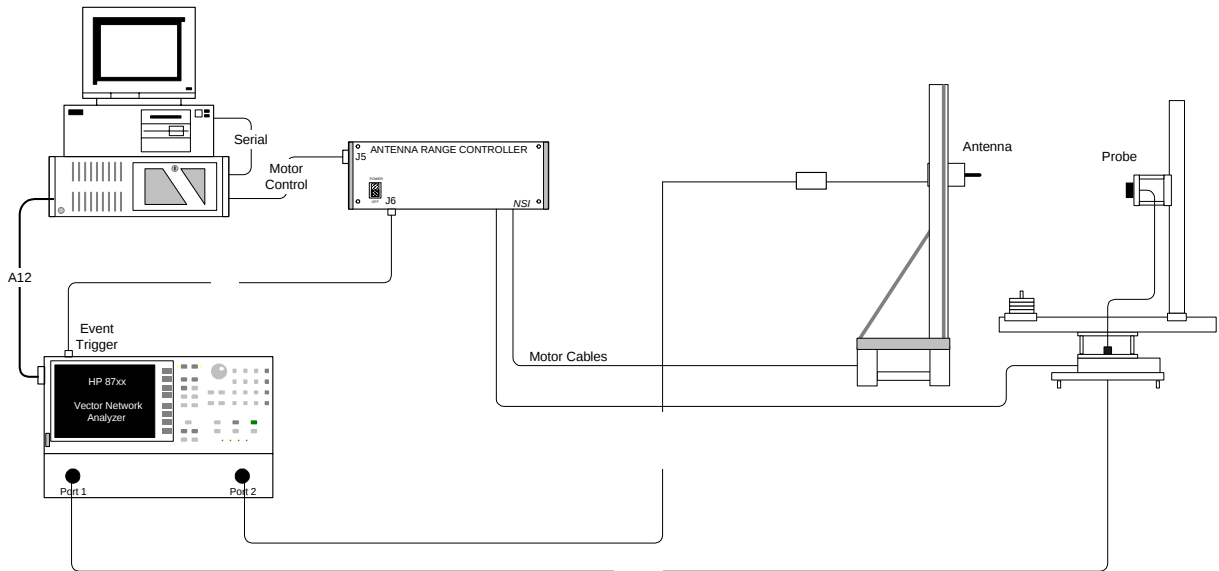


- Return Loss characteristics



Freq.	824 MHz	859 MHz	894MHz
VSWR	3.4	1.92	3.6

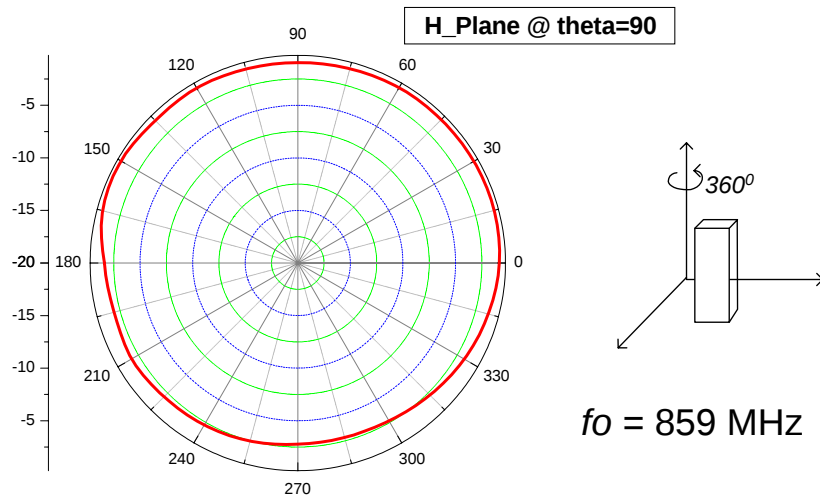
- Measurement System



- Radiation Characteristics

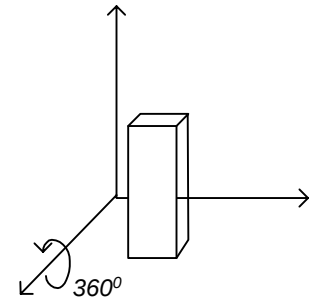
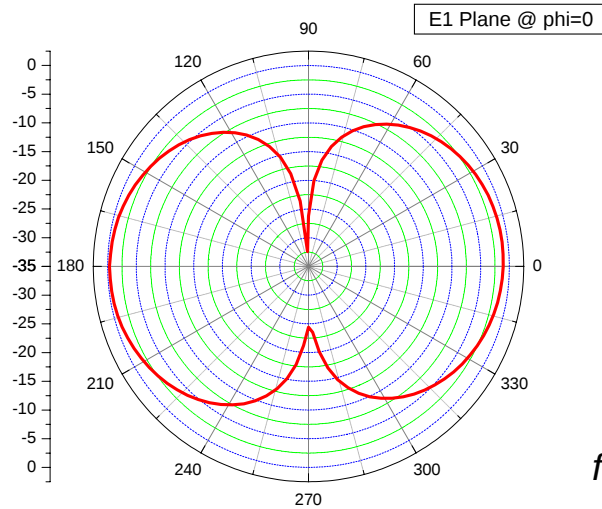
H-Plane (with test mock-up)

Freq.	824 MHz	859 MHz	894MHz
Gain			
Max. Gain	-0.07 dBi	-0.66 dBi	-0.04 dBi
Avg. Gain	-1.25 dBi	-1.45 dBi	-1.324 dBi



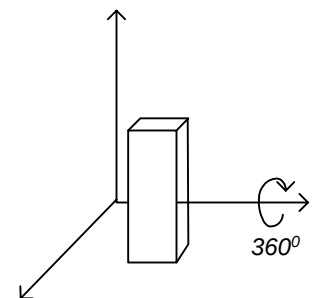
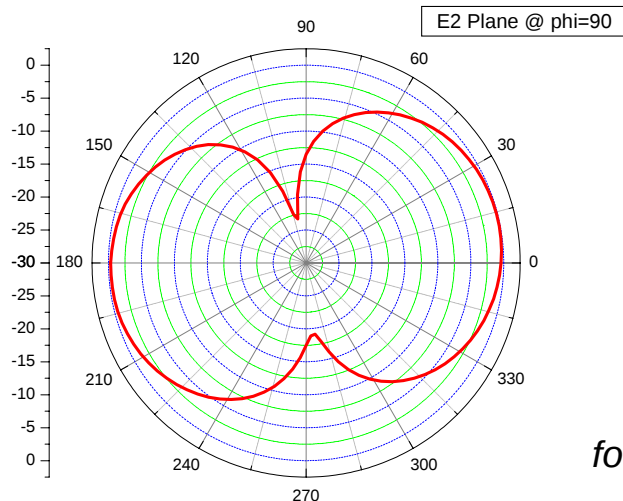
E1-Plane (with test mock-up)

Gain \ Freq.	824 MHz	859 MHz	894MHz
Max. Gain	-0.27 dBi	-0.33 dBi	-0.1 dBi
Avg. Gain	-5.32 dBi	-6.78 dBi	-6.22 dBi

 $f_0 = 859 \text{ MHz}$

E2-Plane (with test mock-up)

Gain \ Freq.	824 MHz	859 MHz	894MHz
Max. Gain	-0.11 dBi	-0.26 dBi	-0.15 dBi
Avg. Gain	-5.86 dBi	-5.89 dBi	-5.87 dBi

 $f_0 = 859 \text{ MHz}$