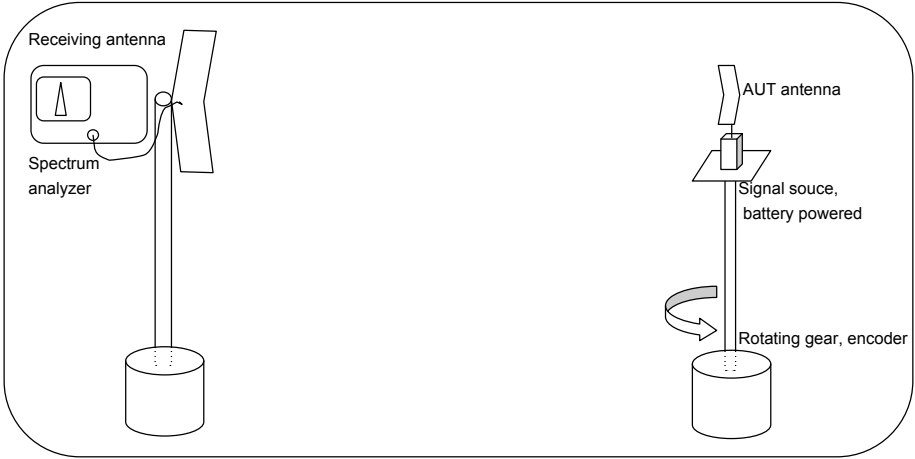
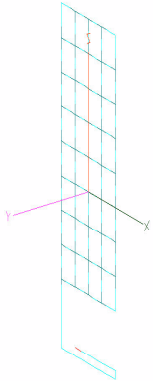


Antenna	HCSG
Date	Jan-25-2002
Test location	SB, indoor
Operator	Cristian Paun
Frequency	914MHz
Distance	3.55m
TX output power	-3.00dBm
Cable loss	1.30dB
Path loss	42.67dB
RX antenna gain	7.14dB
System loss	-40.83dB
VSWR at 914MHz	1.40
Correction	-0.12
Zo	50.00ohm

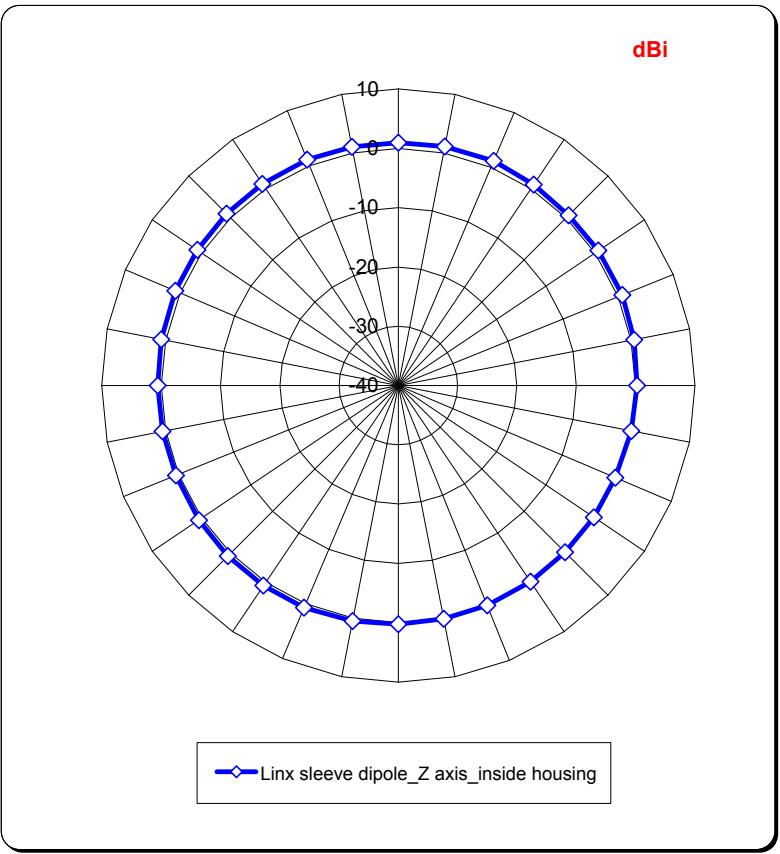
The grey fields are for input data

AUT rotation axis

Linx sleeve dipole
The picture shows the rotation axis



Angle	Raw spectrum analyzer reading	Linx sleeve dipole Linx sleeve dipole_Z axis_inside housing dBi
0.00deg	-40.00dBm	0.95dBi
11.25deg	-39.90dBm	1.05dBi
22.50deg	-39.80dBm	1.15dBi
33.75deg	-40.10dBm	0.85dBi
45.00deg	-40.40dBm	0.55dBi
56.25deg	-40.30dBm	0.65dBi
67.50deg	-40.20dBm	0.75dBi
78.75deg	-40.45dBm	0.50dBi
90.00deg	-40.70dBm	0.25dBi
101.25deg	-40.95dBm	0.00dBi
112.50deg	-41.20dBm	-0.25dBi
123.75deg	-41.20dBm	-0.25dBi
135.00deg	-41.20dBm	-0.25dBi
146.25deg	-41.10dBm	-0.15dBi
157.50deg	-41.00dBm	-0.05dBi
168.75deg	-40.85dBm	0.10dBi
180.00deg	-40.70dBm	0.25dBi
191.25deg	-40.50dBm	0.45dBi
202.50deg	-40.30dBm	0.65dBi
213.75deg	-40.30dBm	0.65dBi
225.00deg	-40.30dBm	0.65dBi
236.25deg	-40.40dBm	0.55dBi
247.50deg	-40.50dBm	0.45dBi
258.75deg	-40.45dBm	0.50dBi
270.00deg	-40.40dBm	0.55dBi
281.25deg	-40.25dBm	0.70dBi
292.50deg	-40.10dBm	0.85dBi
303.75deg	-40.05dBm	0.90dBi
315.00deg	-40.00dBm	0.95dBi
326.25deg	-39.95dBm	1.00dBi
337.50deg	-39.90dBm	1.05dBi
348.75deg	-39.95dBm	1.00dBi
Average		0.51dBi
Peak		1.15dBi



C. Paun