



UD88E00 dongle antenna test report

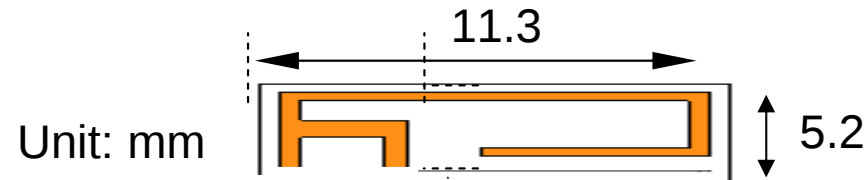
Jeany Ling
Mar. 20, 2012





UD88E00 dongle antenna test report

- Antenna structure



Manufacture's Name.....: E-Link Technology Co., Ltd

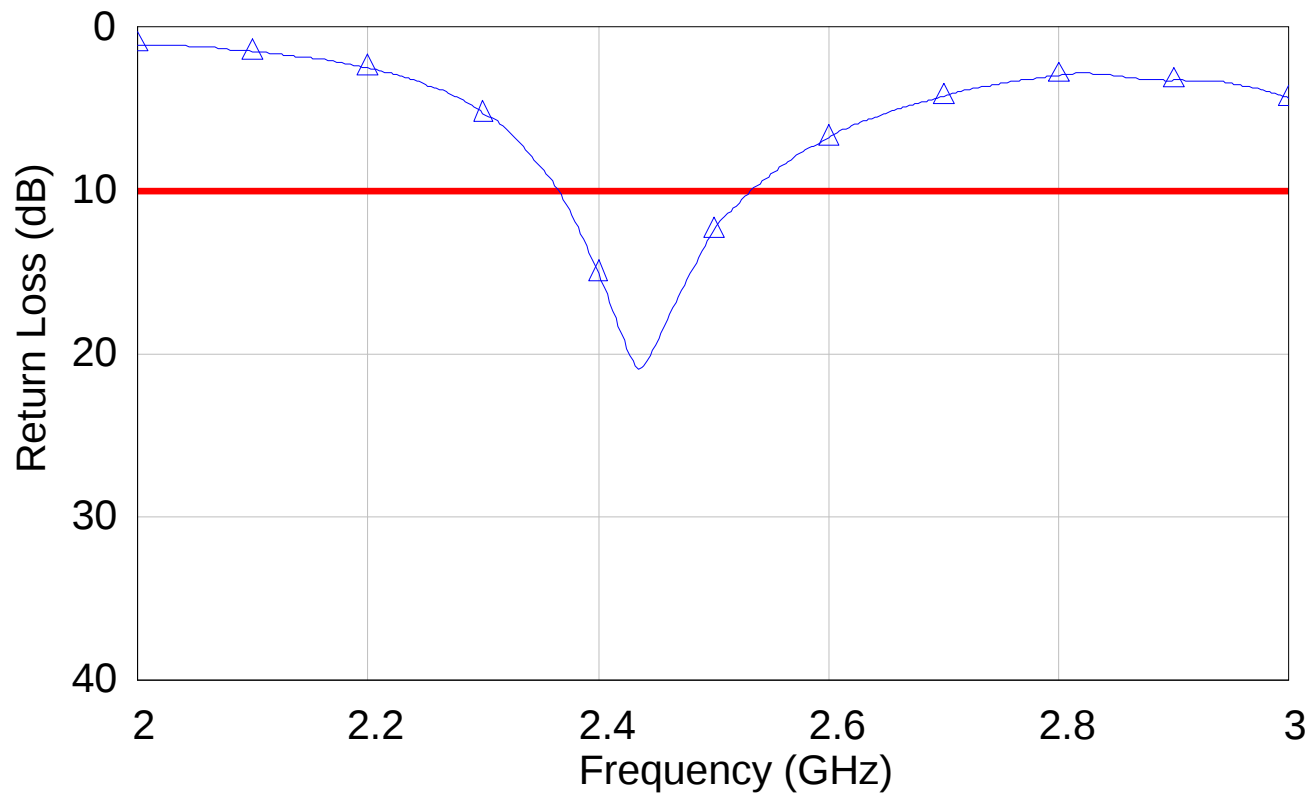
Address.....: 4-5 Floor,BL.B Tongwei Optoelectronics Factory Area,No.8,Go
ngye 2nd Road,Shilong,Shiyan Street 518108,Bao'an district,
Shenzhen





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- **Return Loss**
 - 10dB-BW: 170 MHz



* R21=6.8 nH, C6=0.8pF

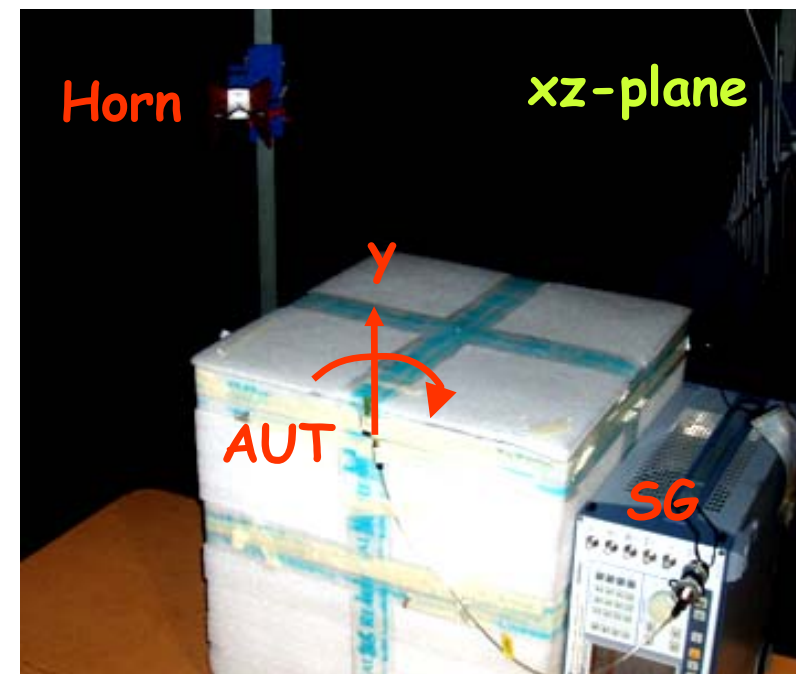
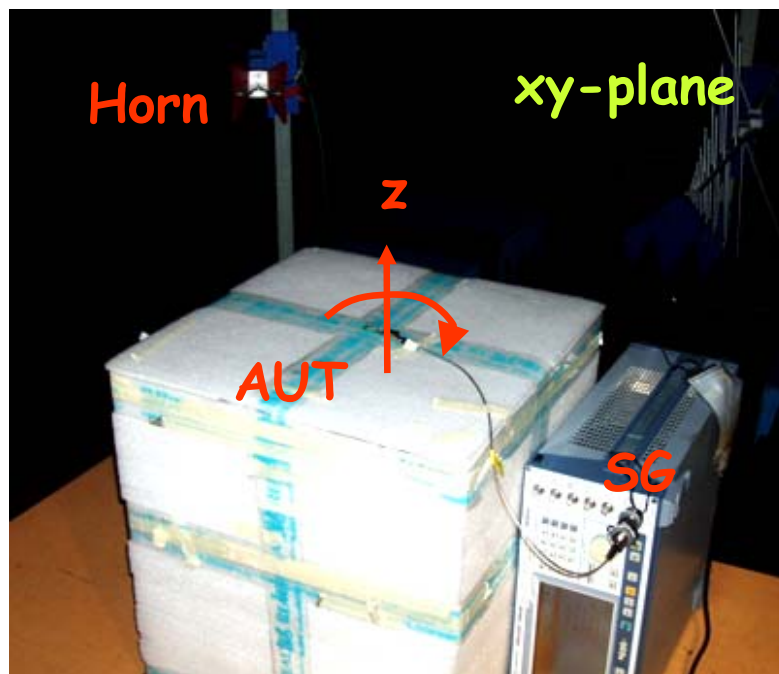




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- **Radiation Patterns**

- Freq. : 2450 MHz
- Test plane : xz, xy-plane
- Input power : SG 0dBm
- Place: RTK 4F chamber
- Horn h: horizontal polarization
- Horn v: vertical polarization



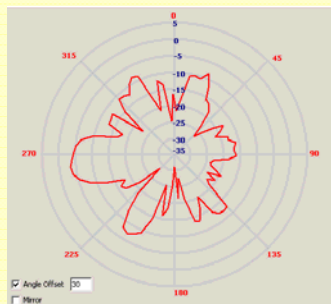


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- Radiation Patterns

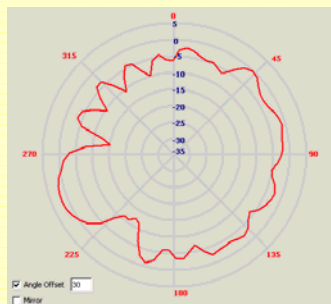
xz-plane

horizontal



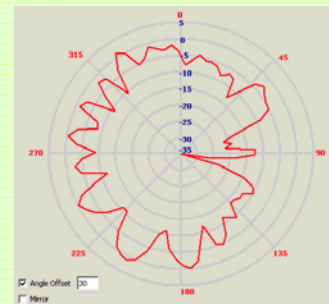
horn	peak	avg.
h	-3.6	-12.2

vertical

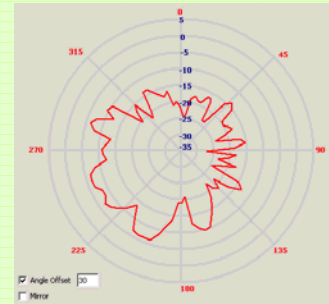


horn	peak	avg.
v	1.6	-3.4

xy-plane



horn	peak	avg.
h	1.1	-4.9



horn	peak	avg.
v	-6.4	-12.5

