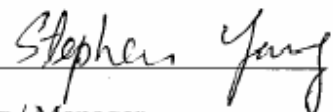


Antenna Specification

Date: May 4, 2010

Antenna Type: PCB Antenna
Antenna Gain: -19.52 dBi

Signature 

Stephen Yang / Manager

Company Name: ARC Solid-State Lighting Corporation

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CCS WUGU Antenna Pattern

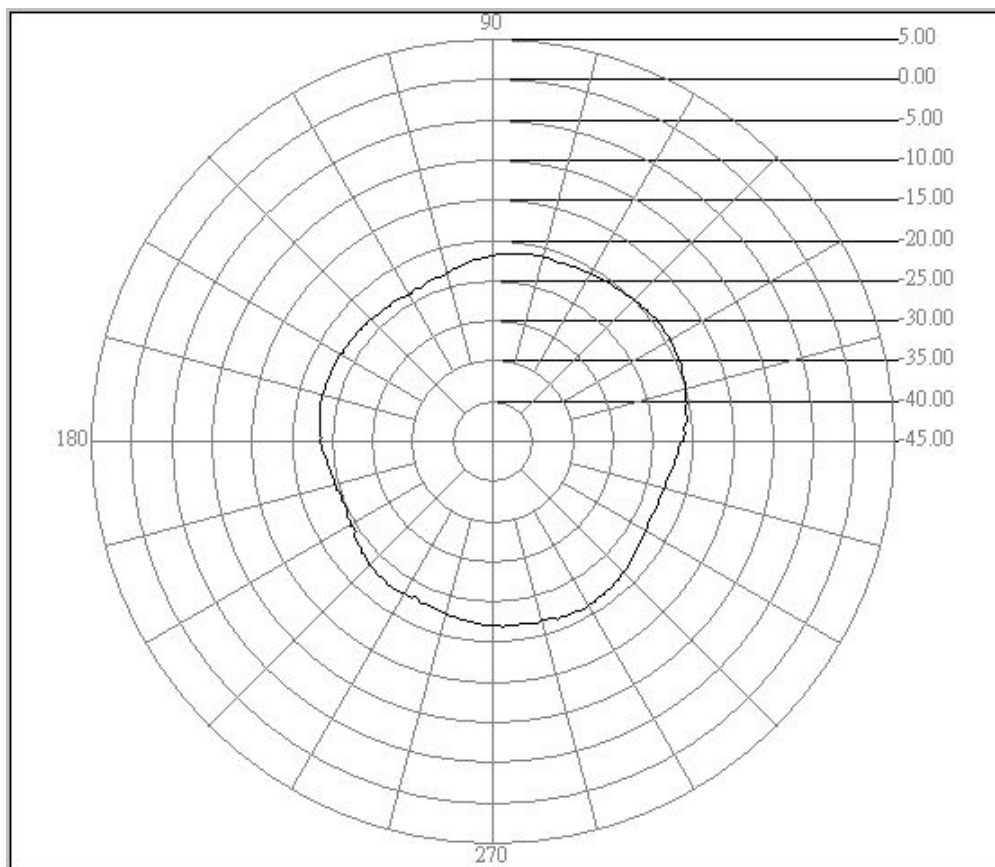
Job No.:990421-錦鑫-433

Date:2010-04-21

Time:11:02

Temp.()/Hum.(%):25 /80%

Tested by: Mark.Y



Center freq.(MHz): 433

Polarization : E Plane

Max gain(dBi):-19.52

Min gain(dBi):-25.15

Avg gain(dBi):-22.17



CCS WUGU Antenna Pattern

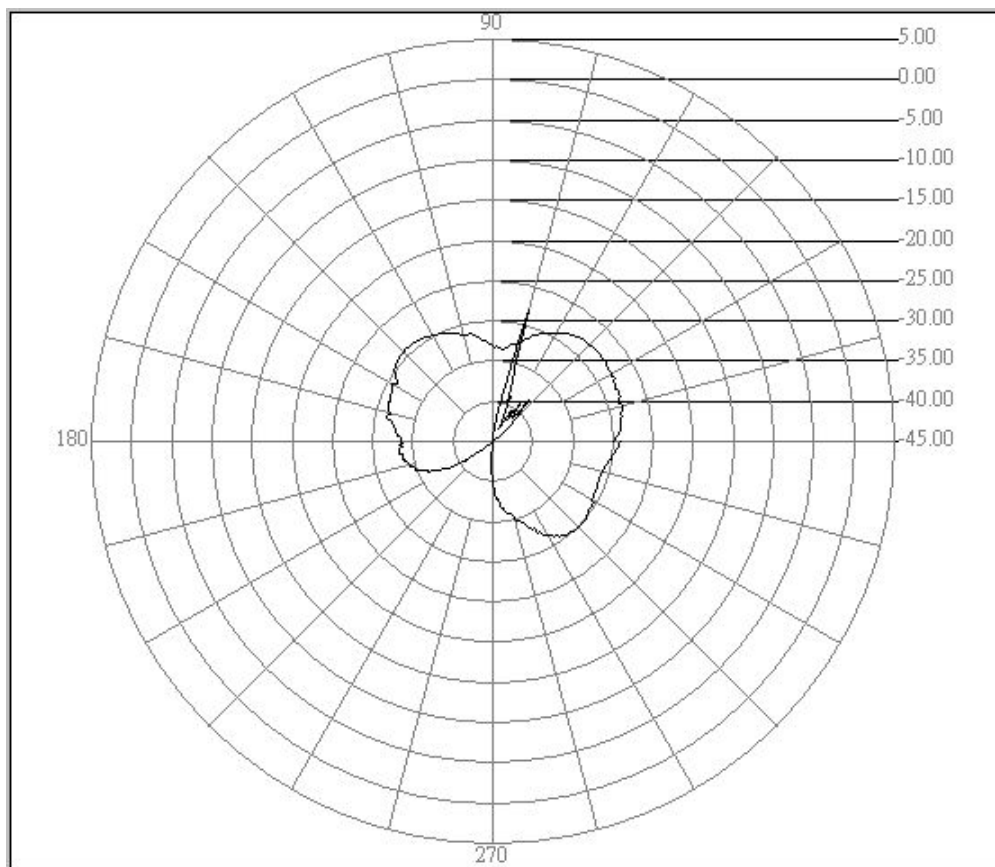
Job No.:990421-錦鑫-433-H

Date:2010-04-21

Time:11:04

Temp.()/Hum.(%):25 /80%

Tested by: Mark.Y



Center freq.(MHz): 433

Polarization : H Plane

Max gain(dBi):-27.76

Min gain(dBi):-62.04

Avg gain(dBi):-31.38