



OTA TEST REPORT

Client Information:

Applicant.....:Zhejiang General Light Curtain Co.,LTD.

Addressadd.....:Xin Tang Tou Village, Xin Jie Town, Xiao Shan District, Hang
Zhou City, Zhe Jiang Province, China

Product Description.....: PCB antenna

Product Name.....: PCB antenna

Model Name.....: PEM

Date of Test..... 18 Nov. 2022

Date of Issue..... 18 Nov. 2022

Report Prepared by :

qiyaozhao

(qiyaozhao)

Report Approved by :

Leo Li

(leo Li)

Authorized Signatory :

Terry yang

(Terry yang)

"Shanghai ATBL Technology Co., Ltd." hereby certifies that the test results described in the company's standard test site test report and the structure of the test equipment are recorded in detail based on the actual test situation. The test results of this report are only applicable to the above-mentioned tested prototypes and the equipment described in the report. This report is not allowed to be copied without the written consent of Shanghai ATBL Technology Co.,

Ltd.; Shanghai ATBL Technology Co., Ltd.

Building 8, No. 160 Basheng road, Waigaoqiao Free Trade Zone, Pudong New Area, Shanghai

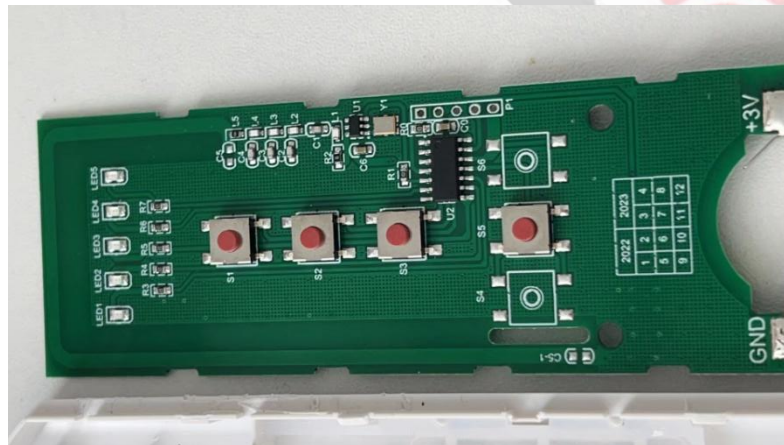
Tel: +86(0)21-51298625 Web: www.atbl-lab.com

Revision History

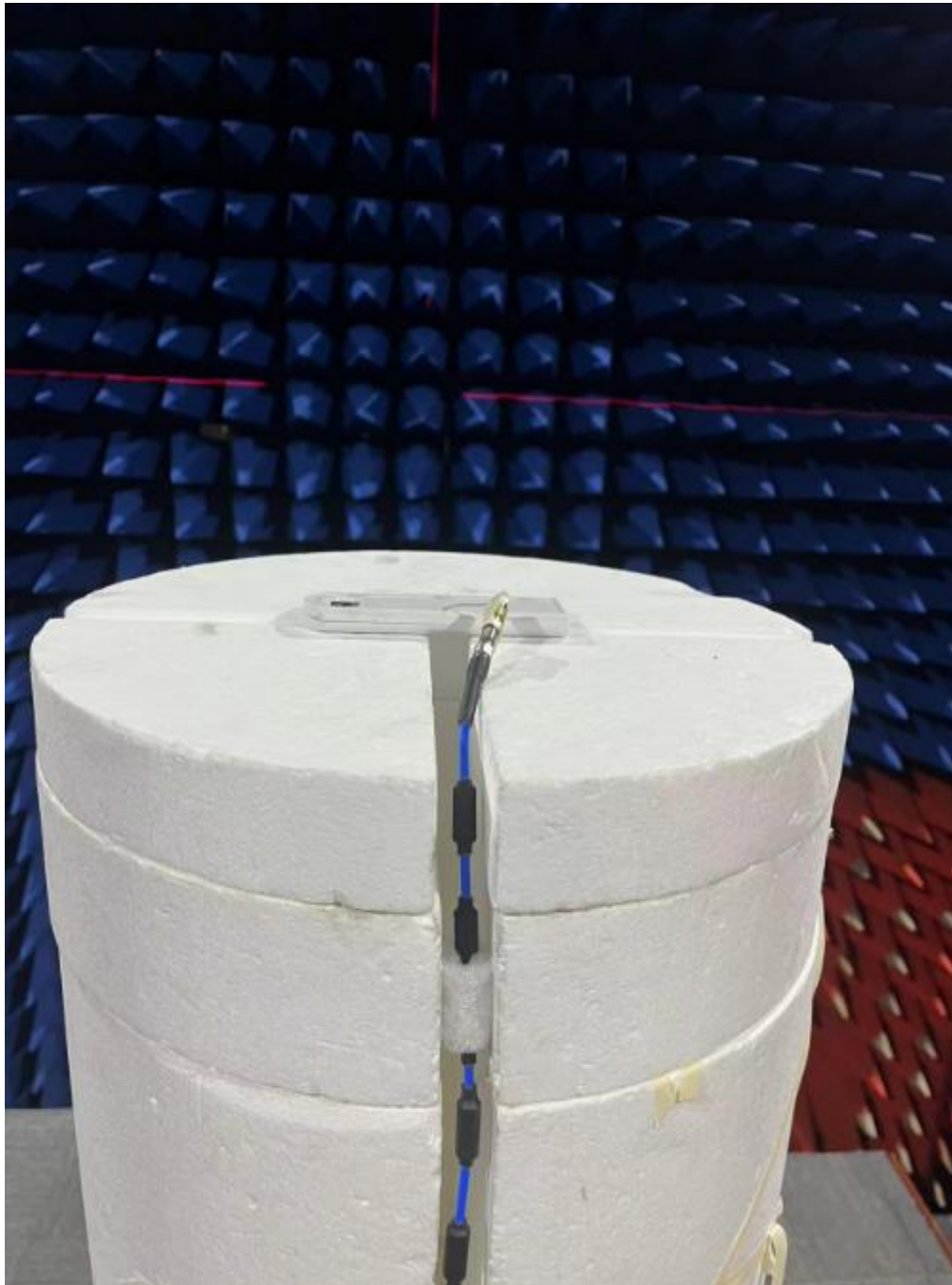
Rev.	Issue Date	Report No.	Effect Page	Contents
00	18 Nov. 2022	SHATBL2210011	ALL	Initial Issue



1. Sample photo



2. Test layout

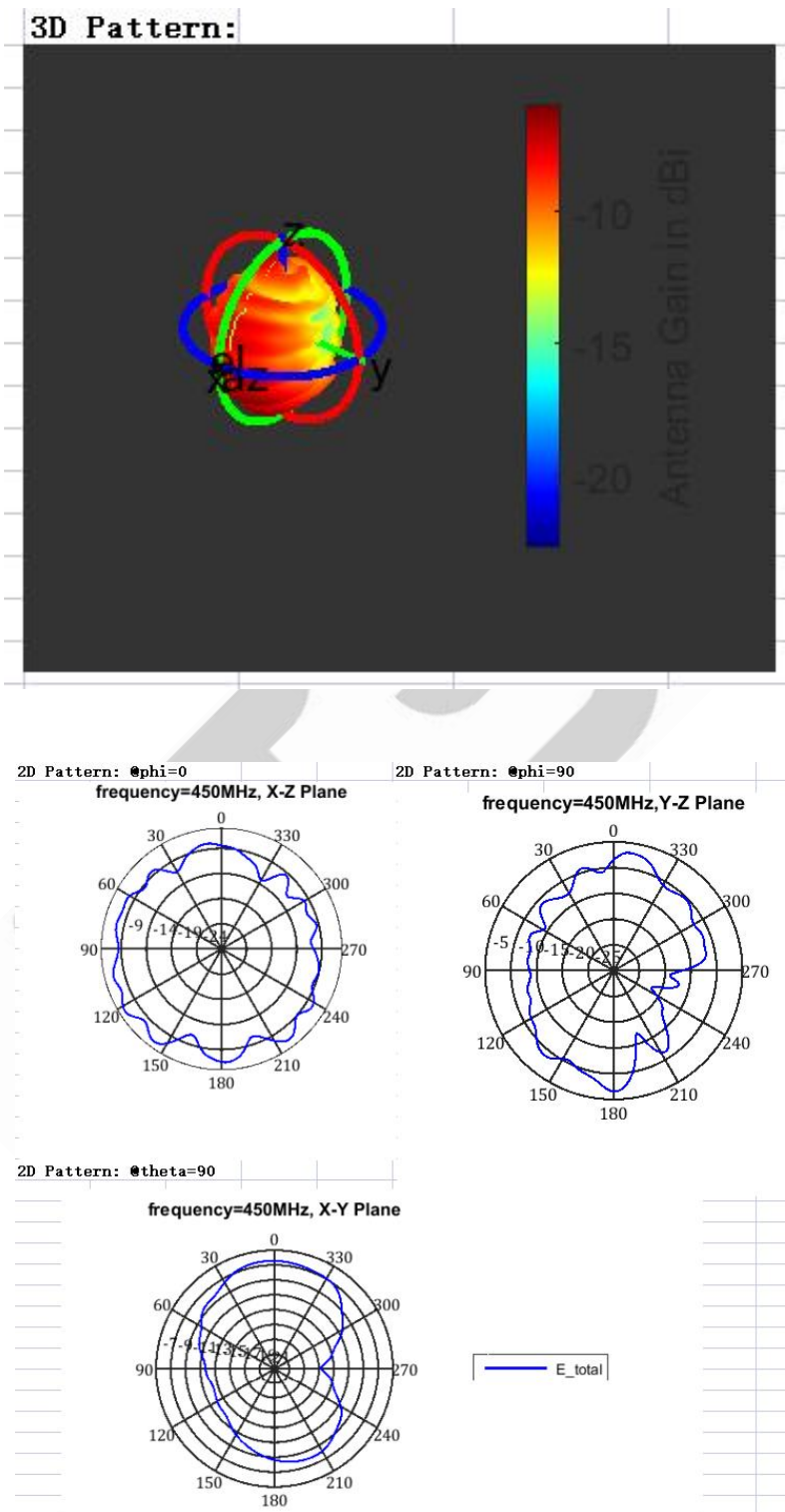


3. Results Summary (2D/3D Radiation Pattern/Efficiency)

Overview

Frequency (MHz)	Gain (dB)	Efficiency (dB)	Efficiency (%)
400	-4.303	-8.517	14.067
405	-4.367	-8.655	13.627
410	-4.162	-8.627	13.718
415	-3.893	-8.692	13.512
420	-3.536	-9.011	12.556
425	-3.788	-9.199	12.025
430	-4.148	-9.377	11.541
433	-4.886	-9.638	10.868
435	-5.182	-9.703	10.707
440	-5.311	-9.661	10.810
445	-5.724	-9.820	10.422
450	-6.012	-9.996	10.0075

2/3D方向图带壳



4. SWR

