

**Measurements of Shure ADXR Zigbee antenna
at 2.4 GHz
For Regulatory Approval**

Model Number: 134-42517 (part of PCB construction)

Shure Incorporated
5800 W Touhy Ave, Niles, IL 60714
June 7th, 2024

Prepared by
Adem Celebi, Ph.D.

Sandeep Rangdal

Table of Contents

1. ADXR – Digital PSM Receiver.....	1
1.1 ADXR	1
2. Appendix	2

Table of Figures

Figure 1 – ADXR Zigbee (2405 MHz) 3D radiation patterns and scale	1
Figure 2 – Antenna reference angles.....	2

1. ADXR – Digital PSM Receiver

1.1 ADXR

- Test frequency = 2405-2480 MHz
- Maximum gain = 1.3 dBi

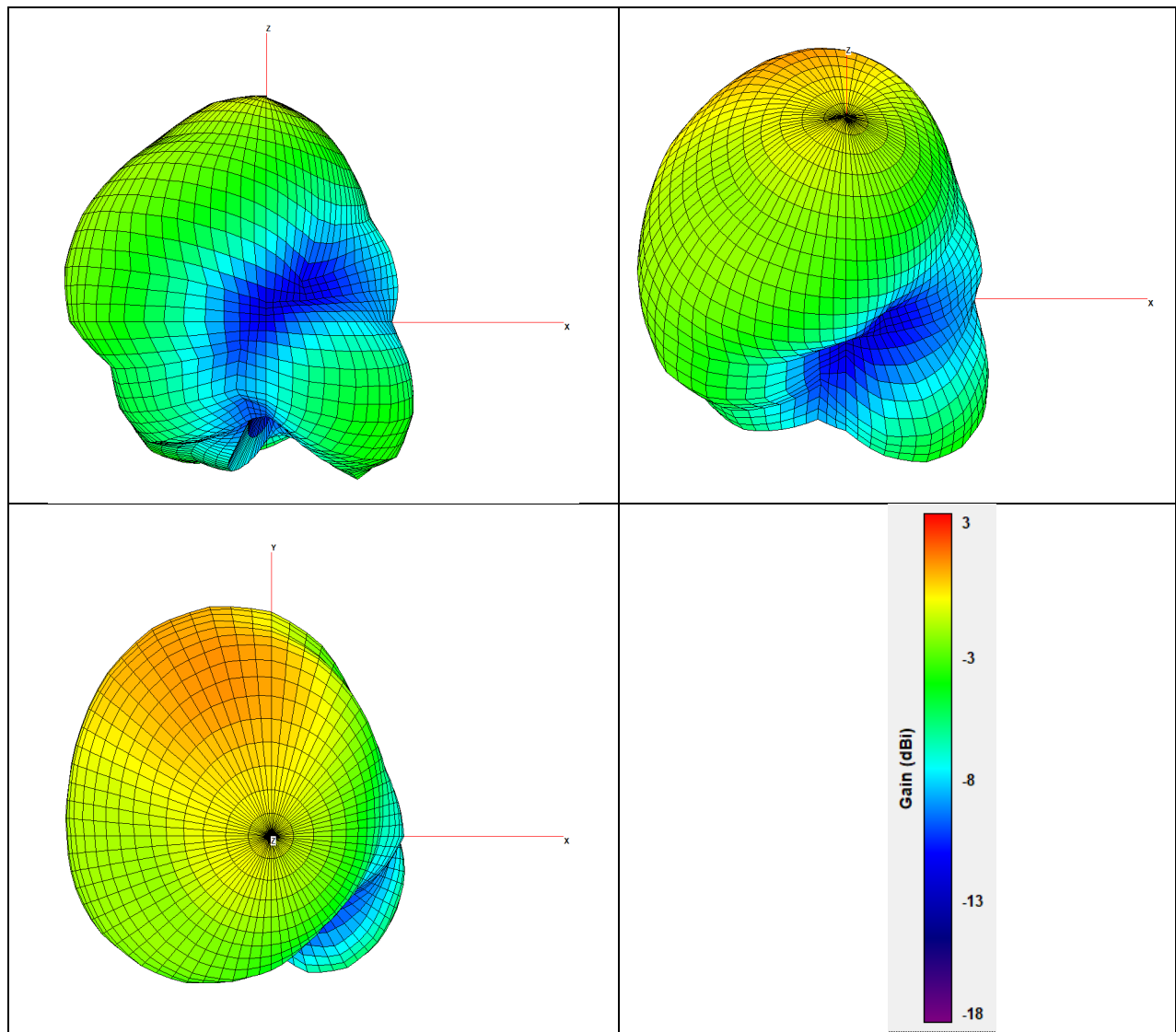


Figure 1 – ADXR Zigbee (2405 MHz) 3D radiation patterns and scale

2. Appendix

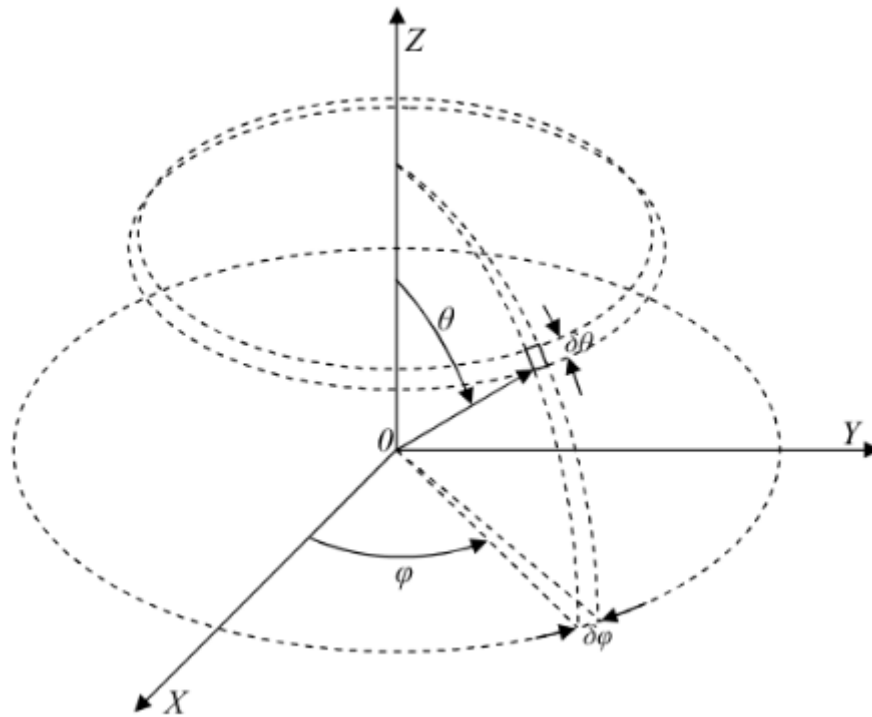


Figure 2 - Antenna reference angles