

# Test Report for Antenna Specifications

## Product details:

Product Model Number: (A4 size): Model No. 8KCEA2

(A5 size): Model No. 8KCEAB

Entity / Grantee Name: Ring, LLC

**Test Site Name:** 1100 Enterprise Way, Sunnyvale, CA 94089

**Test Date:** 05/06/2024

**Test Engineer Name in the report:** Yohannes Samuel / Hariharan Muthukrishnan

## Antenna Specification:

### Operating Frequency Range:

LTE antenna: 617MHz – 960MHz and 1700MHz – 2200MHz.

### Antenna Type:

LTE antenna: Dipole on flex

### Antenna Model:

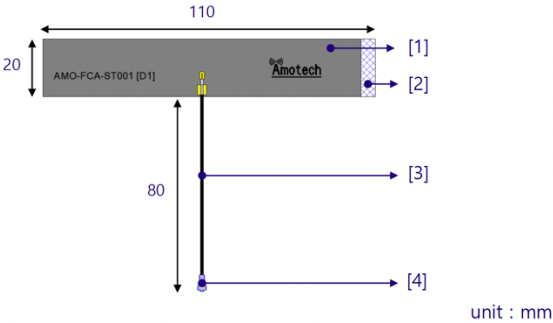
LTE antenna: AMO-FCA-ST001

NFC Antenna: PCB Flex Loop Antenna

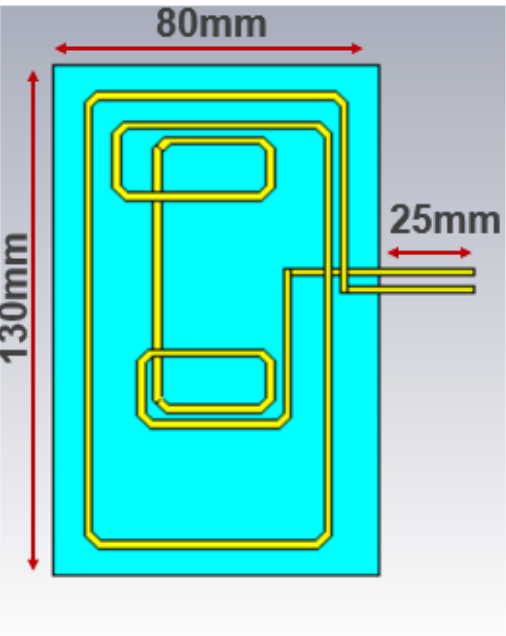
**Antenna Dimensions:**

LTE Antenna:

No	Item	Spec.	Remark
1	FPCB	110 x 20 mm, Black, Polyimide 1/2mil, Cu 1/2oz, Single-side (ED)	
2	Adhesive Tape	3M 9293 or compatible adhesive 100um include release PET	
3	RF Cable	Dia. 1.13mm, Length 80mm, Black color	
4	RF connector	IPEX MHFI compatible connector	

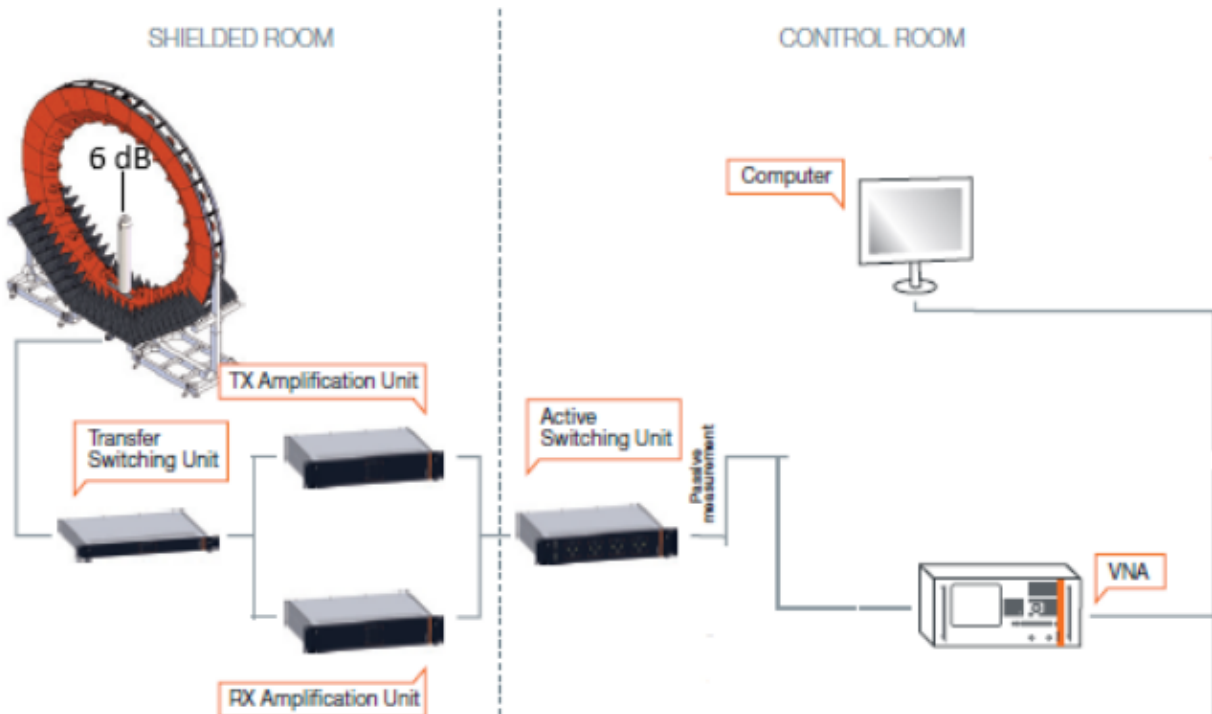


NFC Antenna:

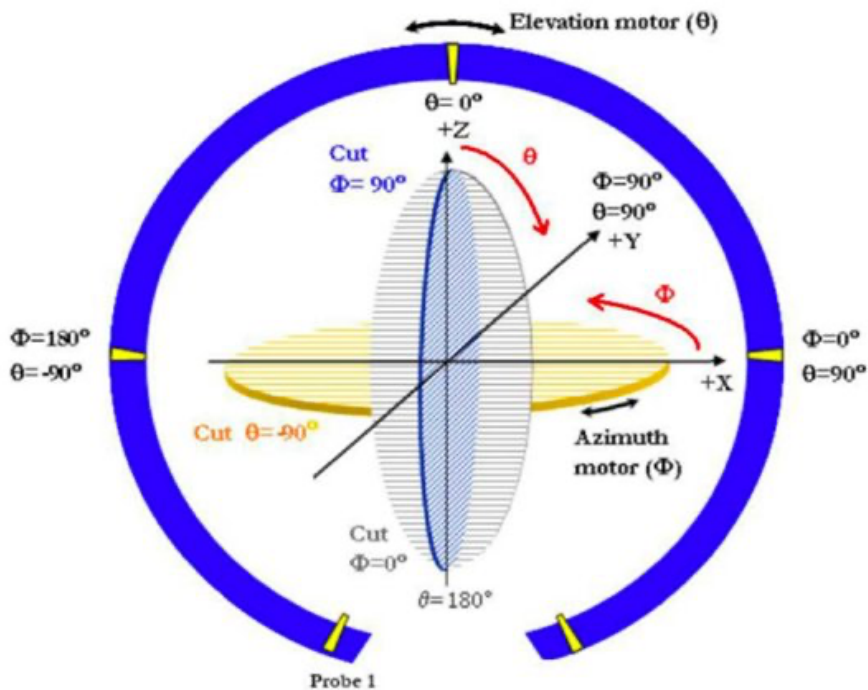


**Test Setup:**

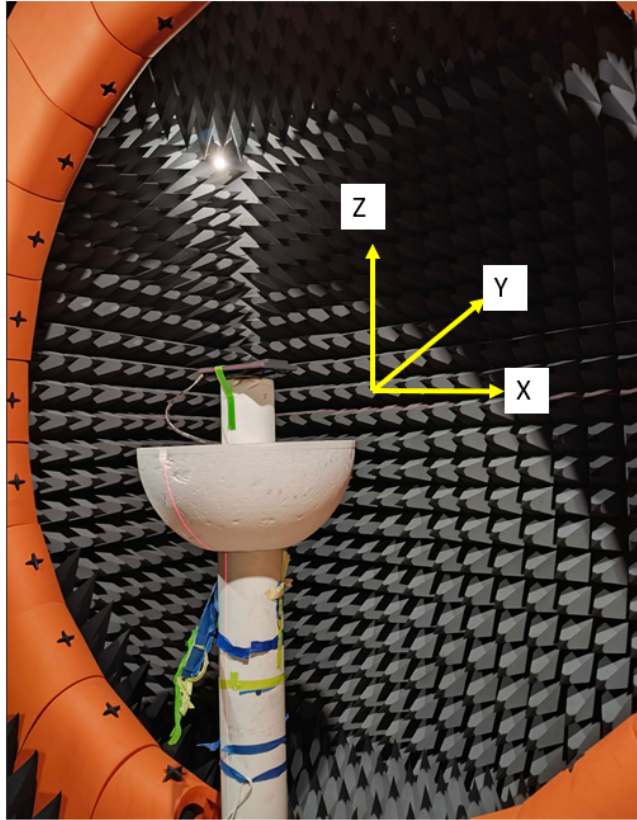
1. Below is a block diagram of the antenna measurement setup.



2. Turn table angle definition



3. Actual setup picture of the DUT mounted on the turn table inside the Anechoic chamber.



4. Laser pointer centered on LTE antenna – Antenna centered to chamber

