

# LUXSHAREICT

## Model Antenna SPECIFICATION

Antenna Manufacturer Name	LUXSHAREICT
Address	No.158 Jinchang Road, Kunshan, Suzhou, Jiangsu, China
Model:	ACCH1
P/N:	N/A*
Test DATE	2023-5-30
DATASHEET REVISION	01



Test Engineer: Jindiao Pu

\*Follow PCBA, no P/N for ANT itself

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## Description of Antenna

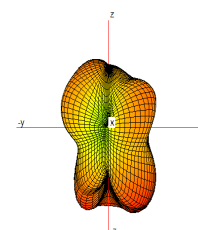
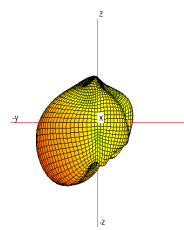
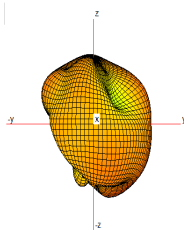
Frequency Range	2402-2480MHz
Impedance	1.5nH
Antenna type	PIFA
Manufacturing Process	PCB layout

### Antenna Peak Gain:

Freq [MHz]	Original Matching		Improving Matching		Original Matching (Add Arm)		Improving Matching (Add Arm)		Original Matching (Add Rod)		Improving Matching (Add Rod)	
	Eff [dB]	Gain [dB]	Eff [dB]	Gain [dB]	Eff [dB]	Gain [dB]	Eff [dB]	Gain [dB]	Eff [dB]	Gain [dB]	Eff [dB]	Gain [dB]
2402	-8.75	-5.61	-	-3.46	-10.13	-6.56	8.99	-3.99	-6.28	-2.83	-6.63	-0.59
2440	-9.04	-5.62	-	-3.98	-9.88	-7.08	9.30	-4.08	-6.47	-2.32	-7.05	-1.22
2480	-8.96	-5.08	-	-4.25	-9.57	-6.92	9.41	-3.91	-6.03	-1.77	-6.94	-1.41

### Antenna Pattern: (Both 2D or 3D is acceptable)

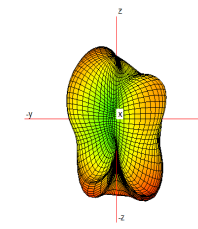
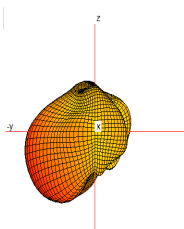
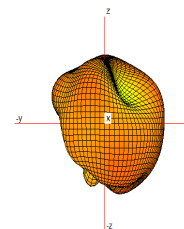
Improving Matching	Improving Matching (Add Arm)	Improving Matching (Add Rod)
2402	2402	2402



2440

2440

2440



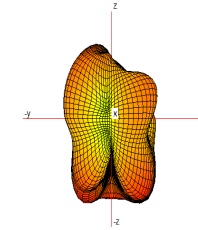
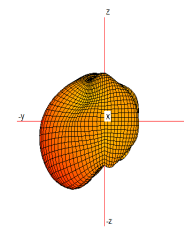
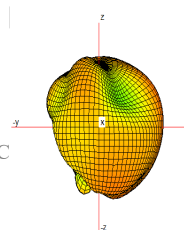
2480

2480

2480

\*Follow PC

tsself



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**Antenna Location see test photos**

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## **Test Environment, list of calibrated test equipment**

Test Equipment: CMW500

Test Environment: GTS Rayzone2800

Last Calibration date: 2022/11/30

Next Calibration date: 2023/11/30