



REPORT No.: SZ25060379E10

TEST REPORT

APPLICANT : Universal Electronics Inc.

PRODUCT NAME : Smart Control Pro Touch

MODEL NAME : URC 7985 R00

TRADE NAME : ONE®
FOR ALL

BRAND NAME : ONE FOR ALL

STANDARD(S) : IEEE Std 149-2021

RECEIPT DATE : 2025-07-17

TEST DATE : 2025-07-22

ISSUE DATE : 2025-10-14

Edited by:

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MORLAB

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Change History		
Version	Date	Reason for change
1.0	2025-10-14	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Universal Electronics Inc.
Applicant Address:	15147 North Scottsdale Road, Suite H300, Scottsdale Arizona 85254 USA
Manufacturer:	Universal Electronics BV
Manufacturer Address:	Colosseum 2, 7521 PT Enschede The Netherlands

1.2. Equipment Under Test (EUT) Description

Wireless Type	Bluetooth
Frequency	2400MHz-2500MHz
Antenna Type	PCB antenna
Product HW Version	A
Product SW Version	V0.1.6
IMEI	N/A
Sample No.	8#

2. Test Results

2.1. Applied Reference Documents

Leading reference documents for testing:

No.	Identity	Document Title
1	IEEE Std 149-2021	IEEE Recommended Practice for Antenna Measurements

Notes: Any additions, deviation, or exclusions from the method shall be noted in the "Remark".

2.2. Test Conditions

Test Environment Conditions:

Relative Humidity(%):	25 - 75
Temperature(°C):	10 - 30

2.3. Measurement Uncertainty

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in Measurement" (GUM) published by ISO.

2.4. Test Results lists

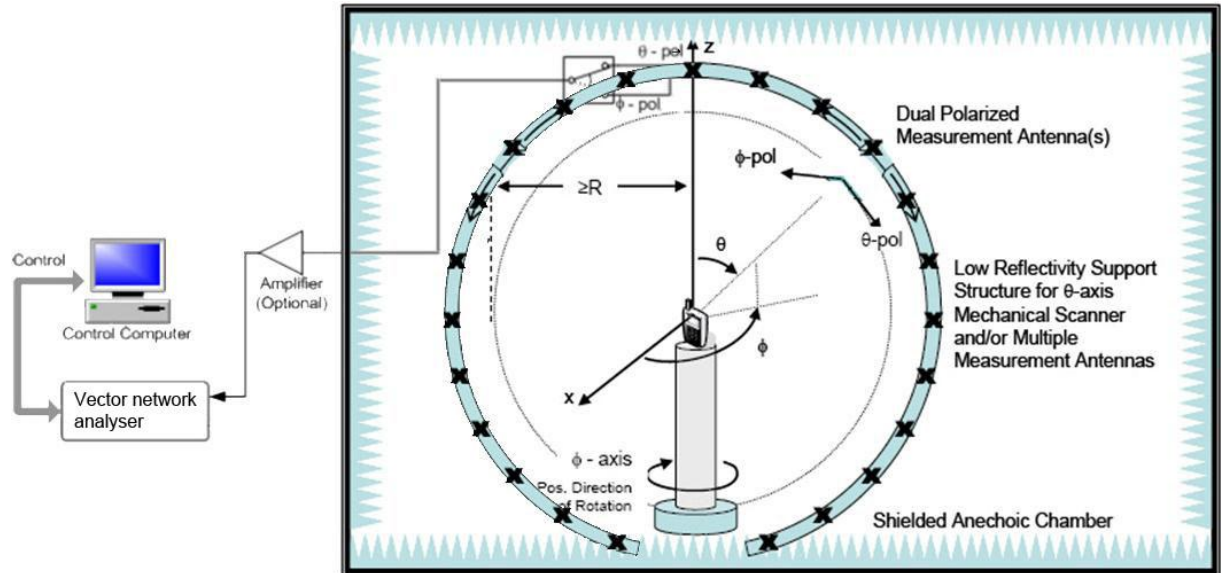
2.4.1. Test Method

Gain measurement and antenna radiation pattern were tested in a fully anechoic chamber. Calibrate the anechoic chamber using standard dipole antennas. The radiation pattern is measured by two methods: horizontal polarization and vertical polarization. The EUT under test is placed on the test turntable in the anechoic chamber and connected to the network analyzer. The EUT under test rotates 0-180° around the Phi axis, and the measuring antenna moves from 0-360° along the Theta axis. The probe is automatically selected for sampling and the measured values are read at a measurement step of 15°.

2.4.2. Gain&Efficiency

Frequency (MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	0.98	-3.09	49.04
2410	1.54	-2.54	55.69
2420	1.80	-2.60	54.96
2430	1.96	-2.66	54.21
2440	2.16	-2.60	55.02
2450	2.32	-2.51	56.16
2460	2.32	-2.41	57.36
2470	2.20	-2.44	56.98
2480	1.98	-2.42	57.26
2490	1.76	-2.43	57.17
2500	2.03	-2.31	58.74

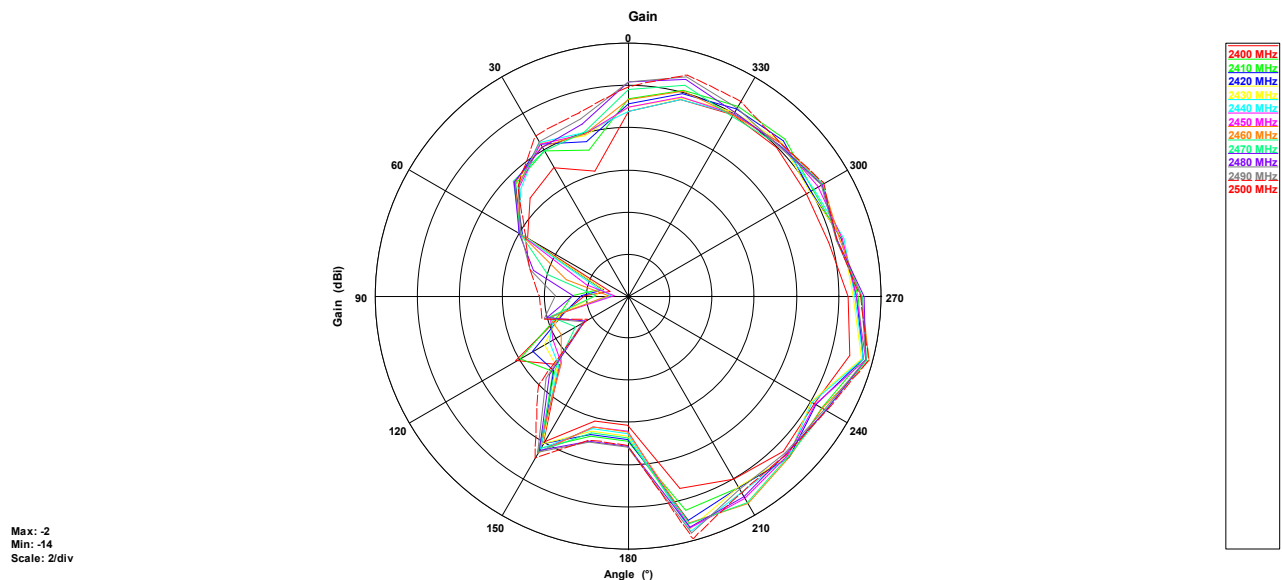
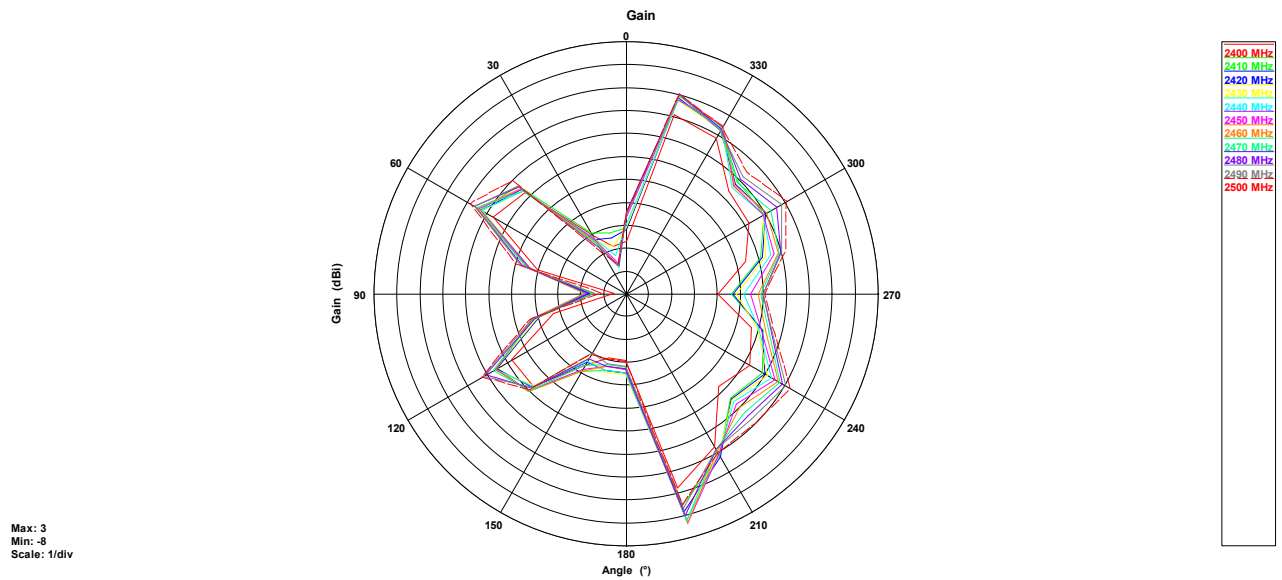
Annex A Test Setup Photos





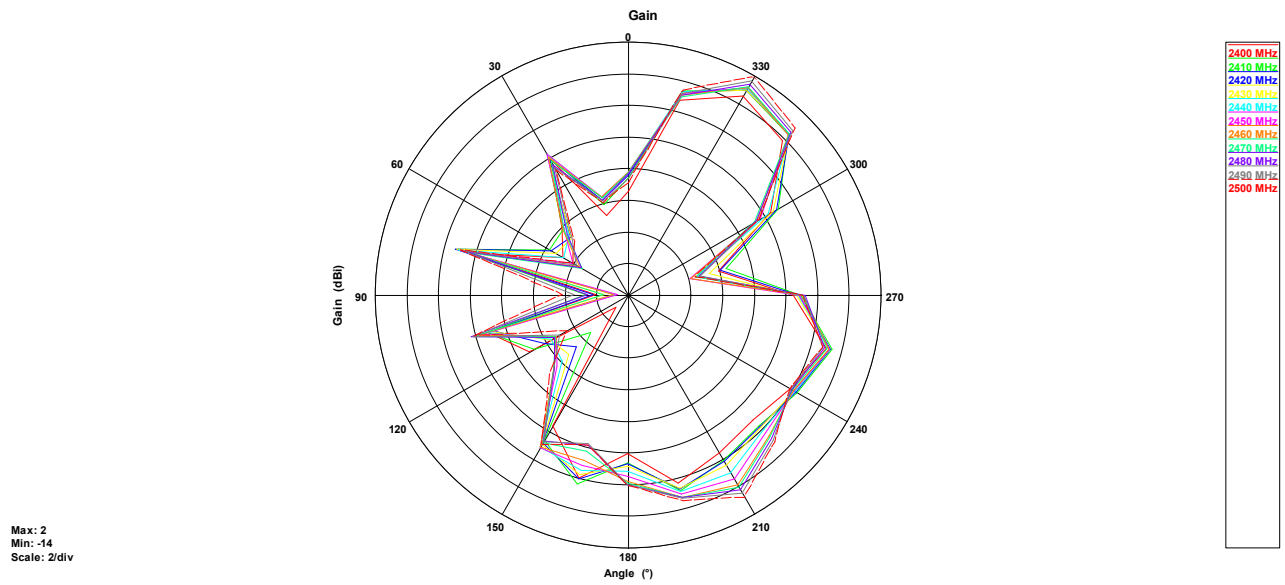
Annex B Figures

1. 2D Radiation Pattern

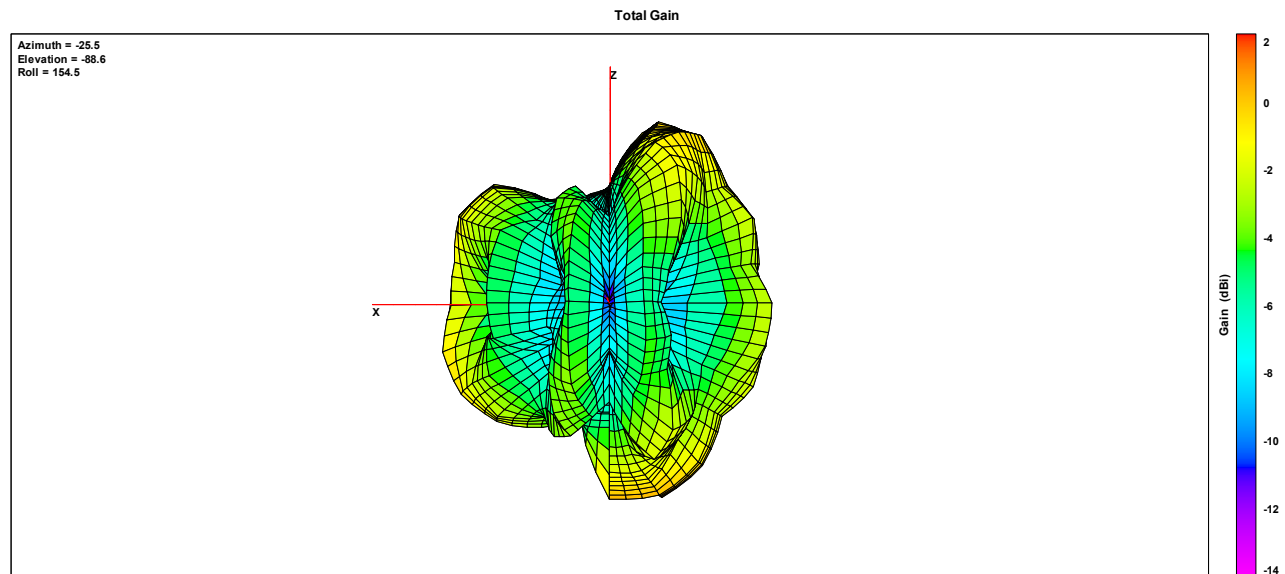


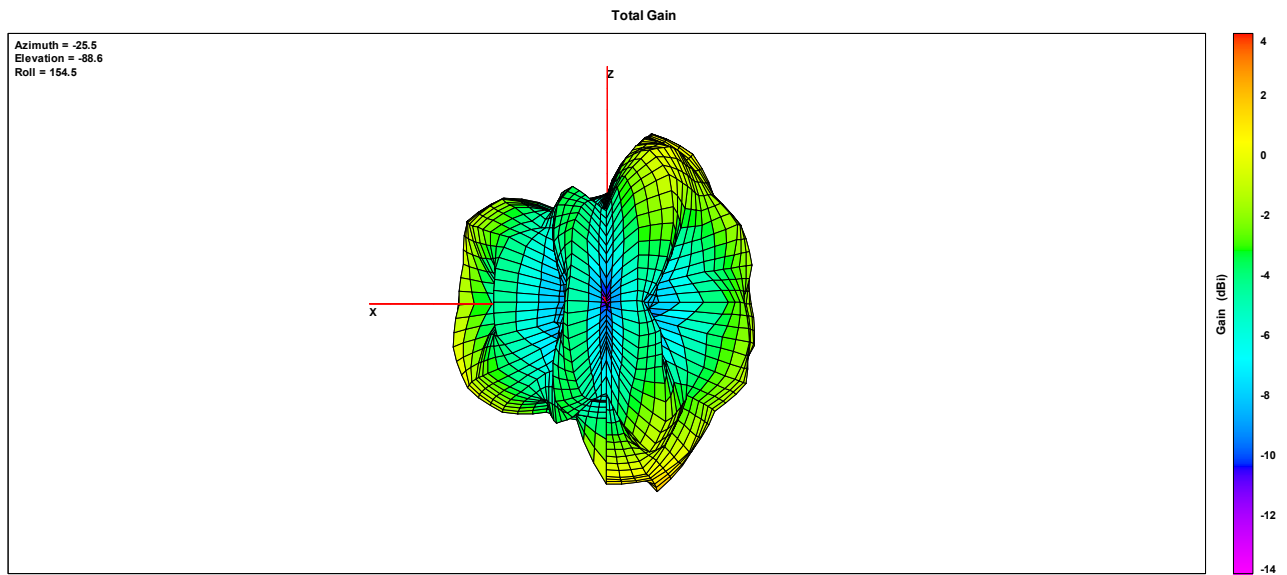


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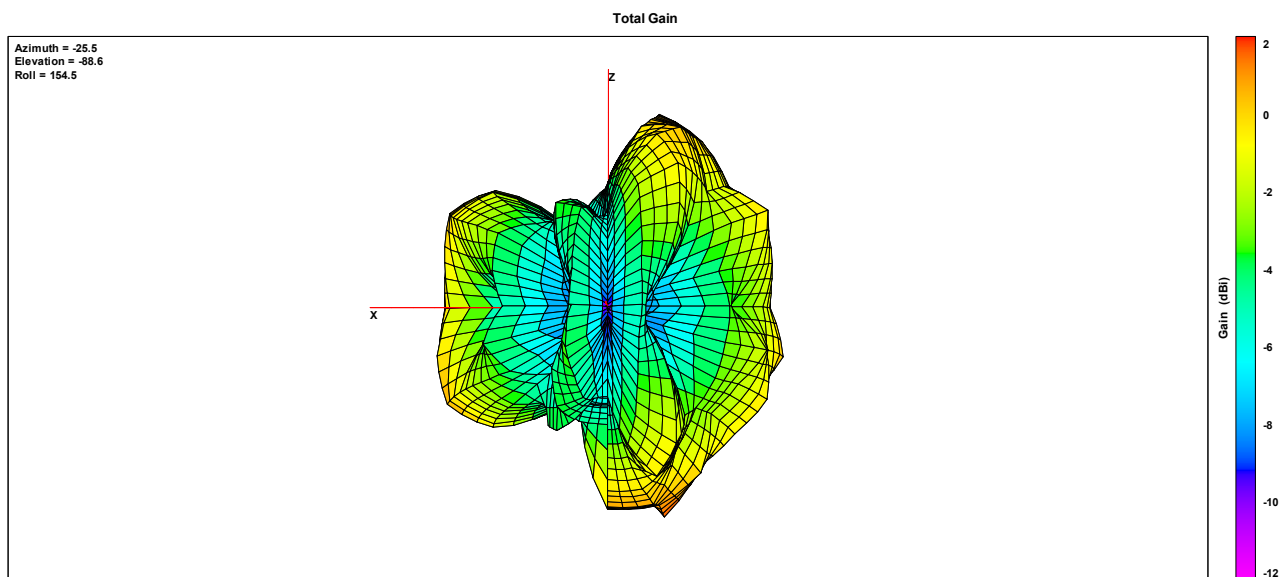


2. 3D Radiation Pattern





2440MHz



2480MHz



Annex C General Information

1.1 Identification of the Responsible Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block67, BaoAn District, ShenZhen , Guangdong Province, P. R. China
Telephone:	+86 755 36698555
Facsimile:	+86 755 36698525

1.2 Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block67, BaoAn District, ShenZhen , Guangdong Province, P. R. China

1.3 Test Equipments Utilized

No.	Equipment Name	Serial No.	Type	Manufacturer	Cal.Date	Cal.Due Date
1	Network Analyzer	MY46110140	E5071C	Agilent	2025.05.13	2026.05.12
2	OTA Chamber	TJ2235-Q1793	AMS-8923 -150	ETS	2022.11.30	2025.11.29

1.4 Test Software Utilized

No.	Software Name	Serial No.	Version	Manufacturer
1	Antenna Measurement System	1685	EMQuest EMQ-100 V 1.13 Build 21267	ETS

Note:The Main report is end here and the other Annex D will be submitted separately.

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