



AUGI_CALL

Antenna PERFORMANCE TEST REPORT

Product Name	AUGI
Applicant	Innocomm
Manufacturer	Innocomm
Test site	Innocomm
Model	CALL
Antenna type	BLE_IFA
Address	1F, No.6, Hsin Ann Rd., Hsinchu Science Park, Hsinchu 30078, Taiwan

Approved by	Reviewed by	Issued by
Taka Wei	Taka Wei	Ella Lin

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1. INTRODUCTION

1.1 TEST EQUIPMENT

Passive Test:

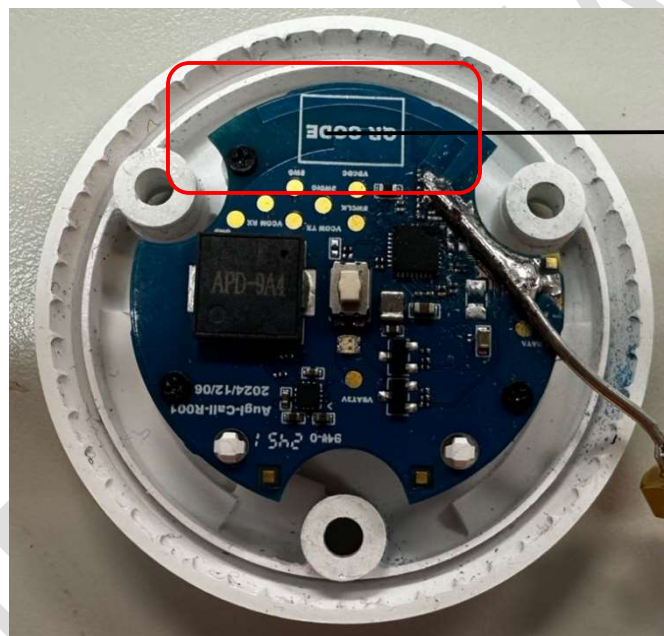
Network Analyzer: R/S ZVB8 (9KHz ~ 8.5GHz)

Passive Chamber: Atenlab OTA 200

1.2 TEST SAMPLE

Quantity: 1

EVT



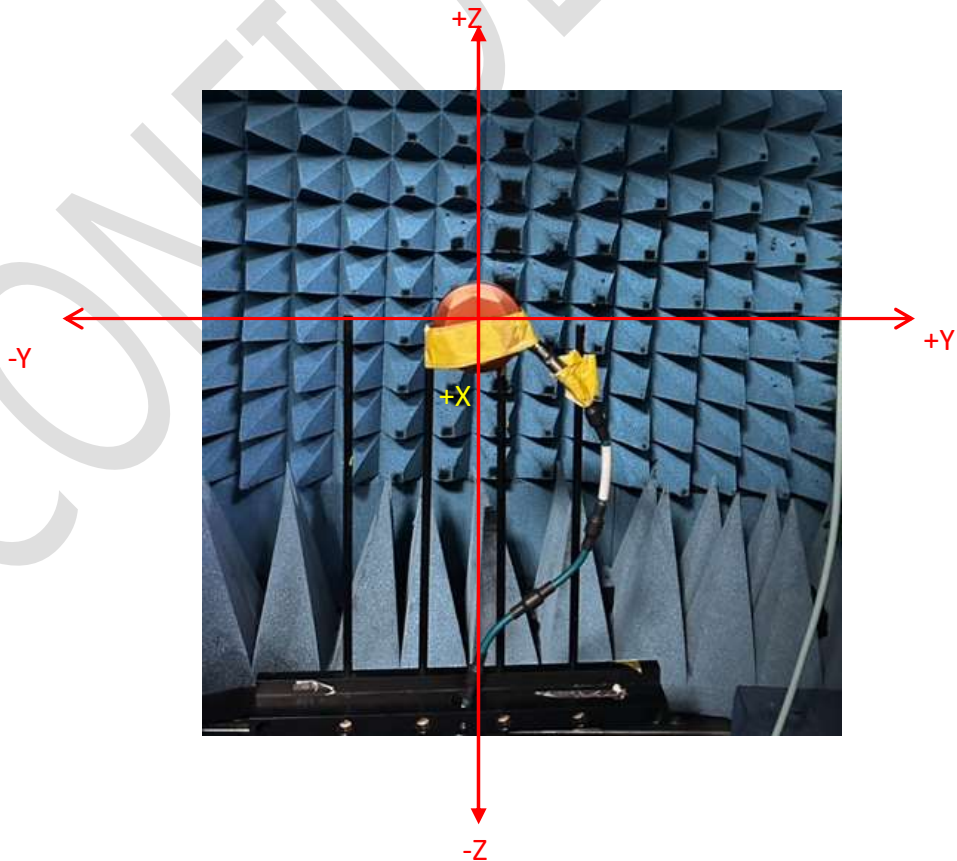
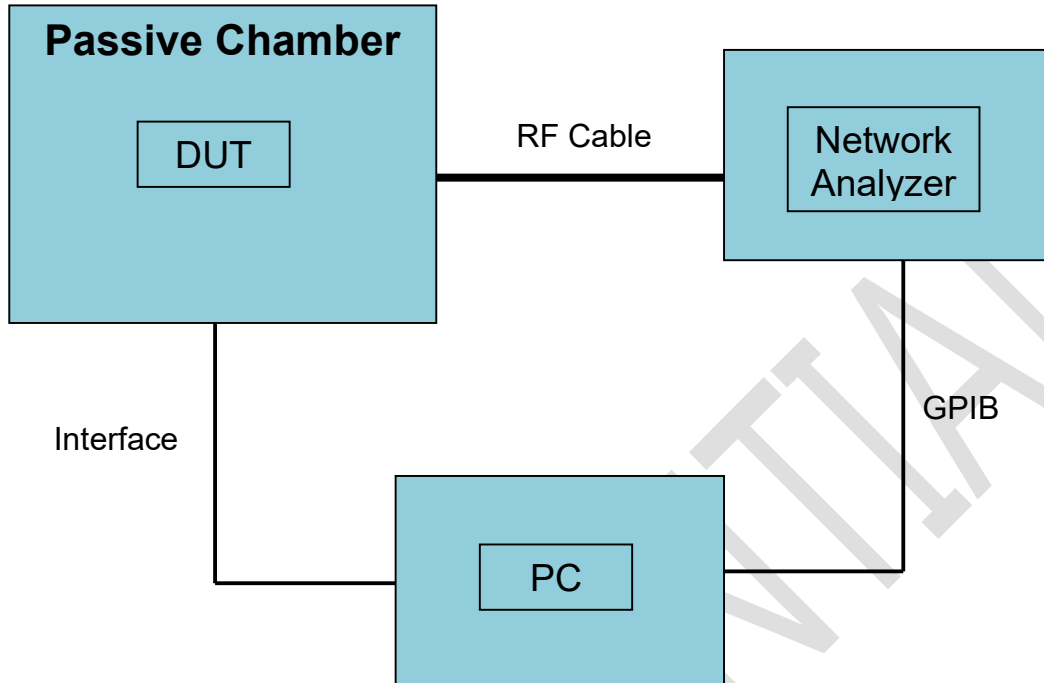
BLE

1.3 TEST CONDITION

Support Band: BLE_2402MHz~2480MHz

Temperature: 25°C

1.4 TEST SETUP



2. PASSIVE PERFORMANCE TEST

2.1 AVERAGE EFFICIENCY/ PEAK GAIN

Frequency (MHz)	Average efficiency (%)	Average Gain (dBi)	Peak Gain (dBi)
BLE	67.35	-1.71	2.2

2.2 3D GAIN OF FREE SPACE (AVERAGE)

Frequency (MHz)	AUGI_CALL		
	Frequency (MHz)	Gain (dBi)	Efficiency %
BLE	2402MHz	-1.76	66.68
	2441MHz	-1.67	68.08
	2480MHz	-1.72	67.30

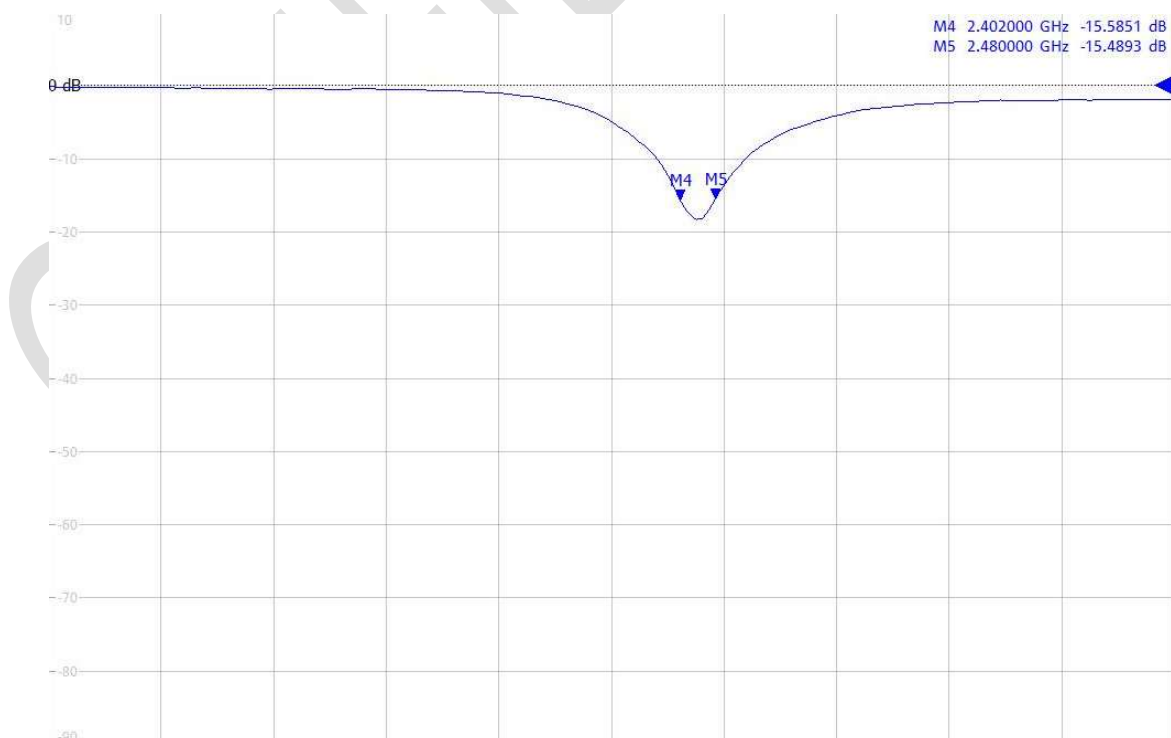
2.3 VSWR MEASUREMENT

BLE



2.4 RETURN LOSS

BLE

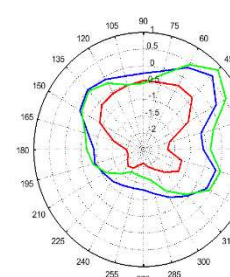


2.5 2D PLOTS

BLE

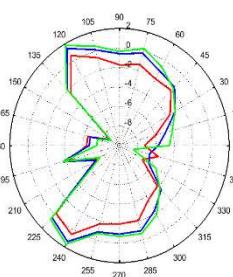
	Color	Freq./Chan.
1	Red	2.402GHz
2	Blue	2.441GHz
3	Green	2.480GHz

Total_Polar Graph_H_XY Plane



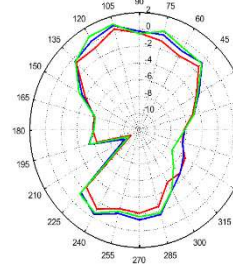
H plane

Total_Polar Graph_E1_XZ Plane



E1 plane

Total_Polar Graph_E2_YZ Plane



E2 plane



BLE_2441MHz

