

TEST REPORT

Reference No...... : WTX24X08181877W
Applicant : INSTORESCREEN LLC
Address : 7955 Airport Pulling rd, Suite206 Naples,FL 34109 USA
Manufacturer : INSTORESCREEN LLC
Address : 7955 Airport Pulling rd, Suite206 Naples,FL 34109 USA
Product Name : InTOUCH07A-AllyW
Model No...... : InAIO070A
Standards : ANSI/ IEEE 149-2021
Date of Receipt sample : 2024-10-14
Date of Test..... : 2024-10-14 to 2024-10-15
Date of Issue : 2024-10-15
Test Report Form No. : WTX_IEEE 149
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

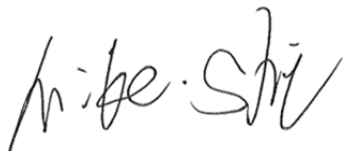
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Tested by:



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Approved by:



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Report version

Version No.	Date of issue	Description
Rev.00	2024-10-15	Original
/	/	/

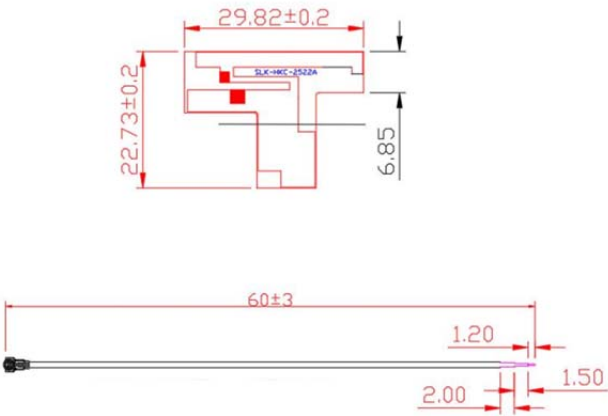
1.GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT	
Product Name:	InTOUCH07A-AllyW
Trade Name:	/
Model No.:	InAlO070A
Adding Model(s):	/
Note: The test data is gathered from a production sample, provided by the manufacturer.	

Technical Characteristics of EUT	
Frequency Range:	2400-2500MHz 5150-5850MHz
Gain of Antenna:	0.97dBi (Max.)
Type of Antenna:	FPC antenna
Size:	/

Dimension:



2. SUMMARY OF TEST RESULTS

Standards	Description of Test Item	Result
ANSI/ IEEE 149-2021	IEEE Recommended Practice for Antenna Measurements	Compliant

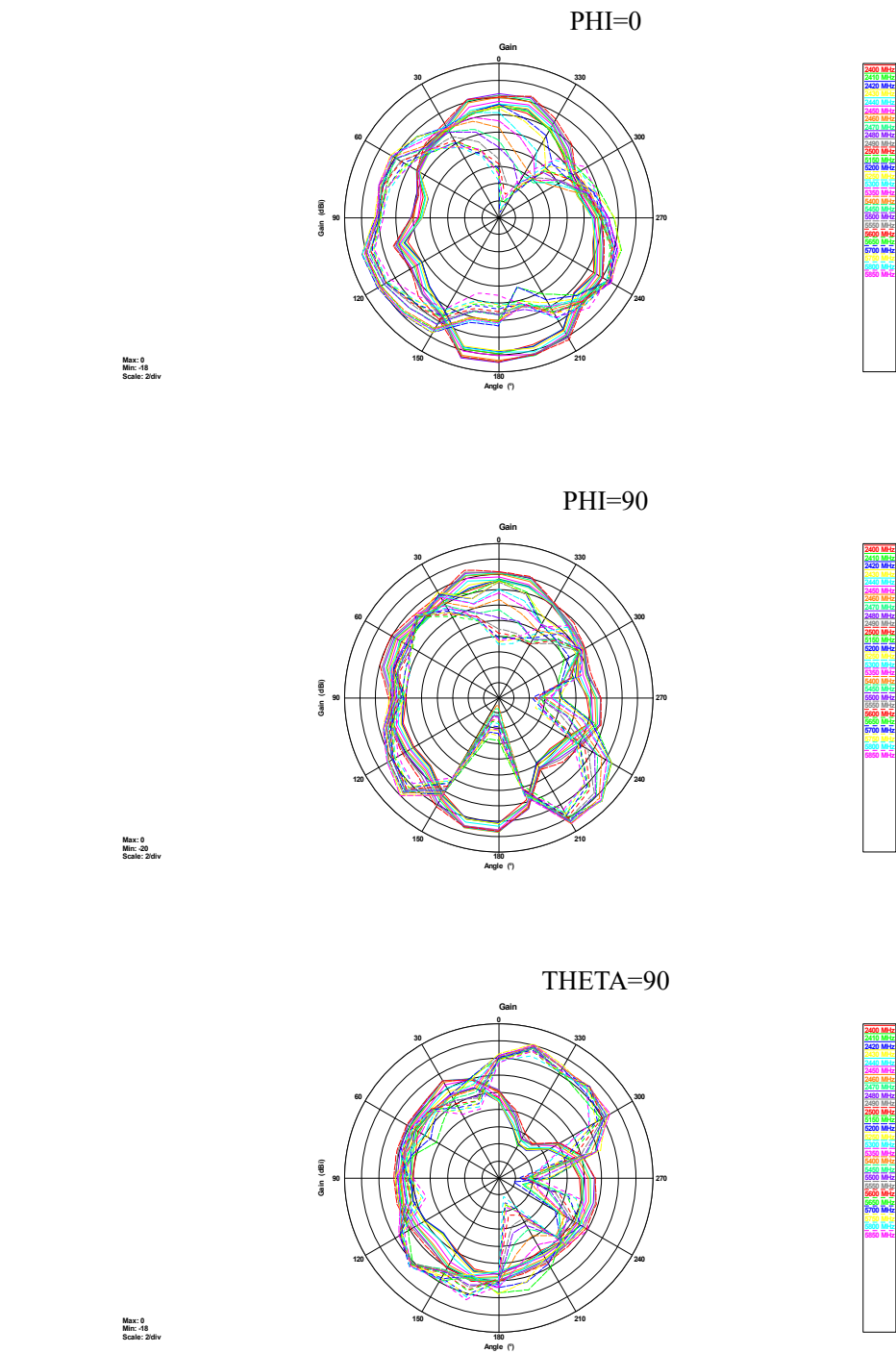
N/A: not applicable

4. Antenna Test Result

4.1 Gain and Efficiency

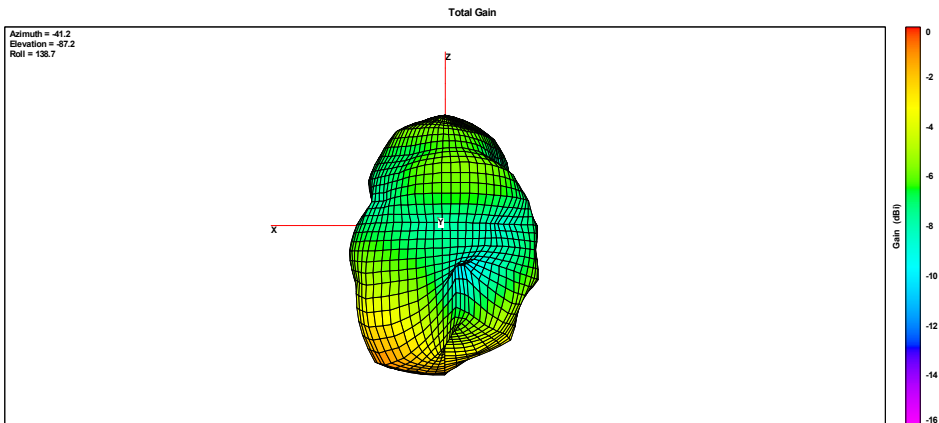
Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400	20.26	-0.76
2410	20.69	-0.62
2420	20.56	-0.55
2430	20.99	-0.32
2440	22.03	-0.05
2450	23.14	0.14
2460	24.47	0.29
2470	25.01	0.35
2480	26.09	0.58
2490	26.80	0.74
2500	28.17	0.97
5150	31.53	-0.85
5200	31.80	-1.14
5250	33.10	-0.68
5300	30.99	-0.83
5350	31.59	-0.67
5400	29.22	-0.91
5450	27.01	-1.32
5500	27.91	-1.15
5550	25.87	-1.40
5600	25.68	-1.66
5650	24.40	-1.81
5700	25.65	-1.56
5750	25.00	-1.78
5800	24.86	-1.85
5850	25.01	-1.60

4.2 Radiation Pattern 2D View

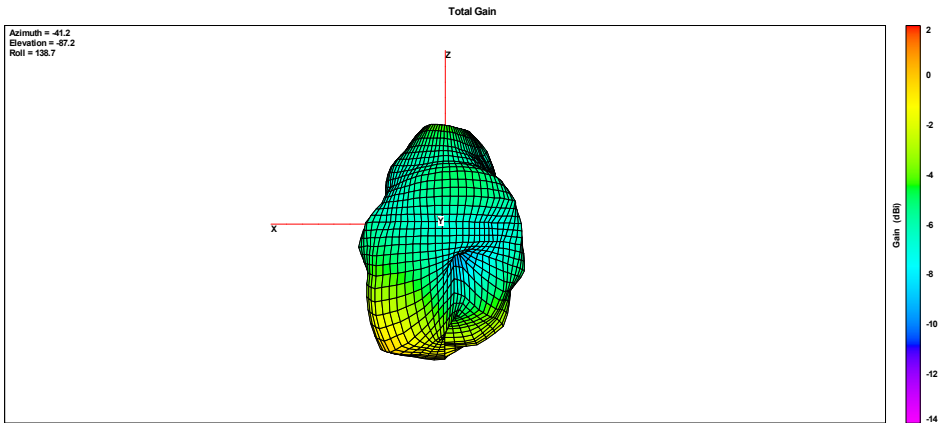


4.3 Radiation Pattern 3D View

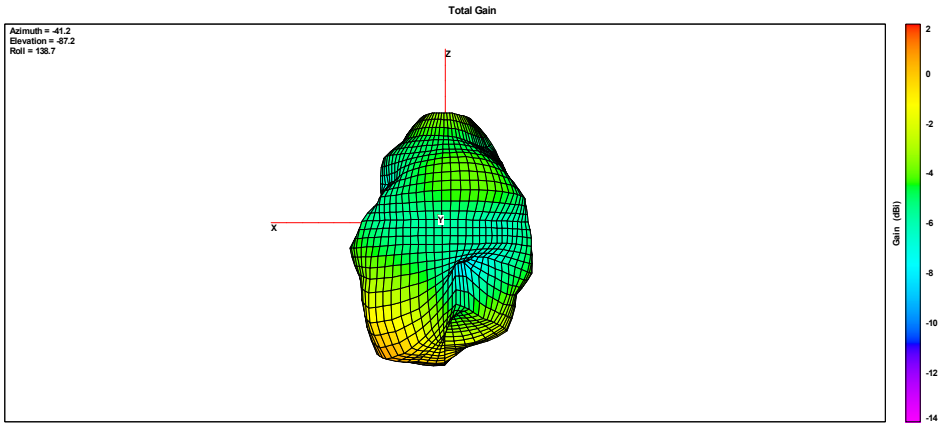
2400MHz



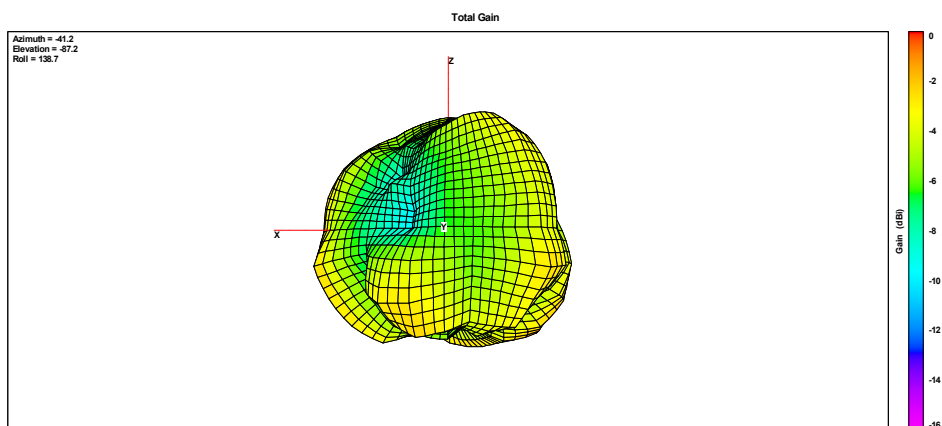
2450MHz



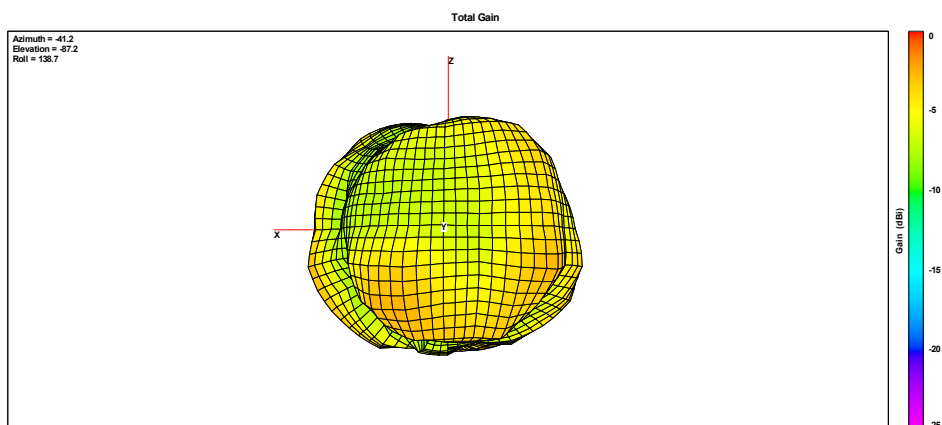
2500MHz



5150MHz



5500MHz



5850MHz

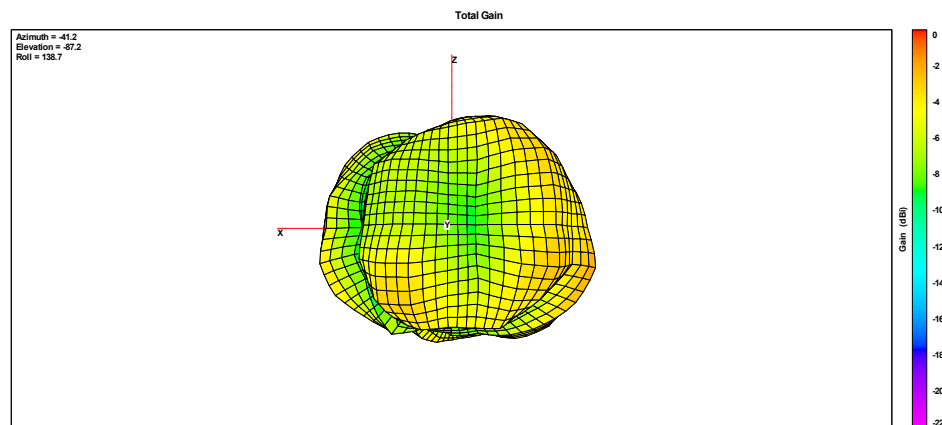


EXHIBIT 1 - EUT PHOTOGRAPHS

EUT View 1

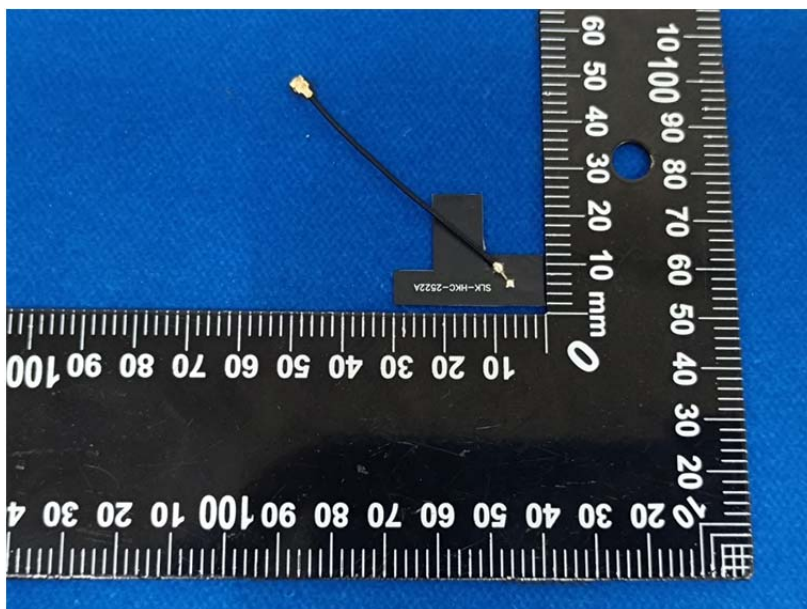
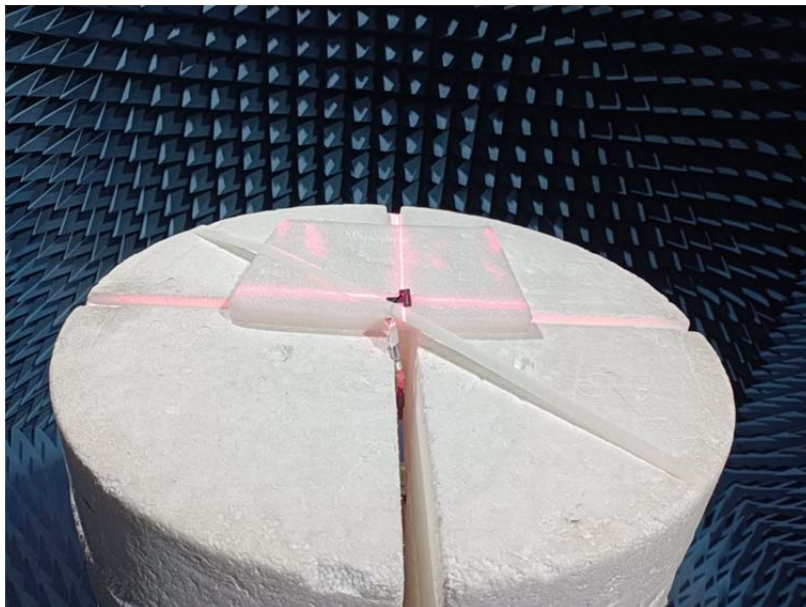
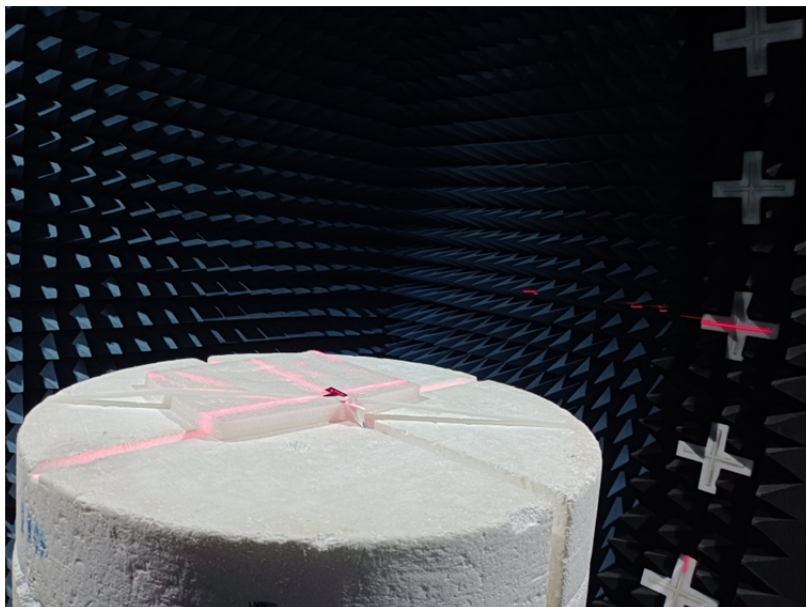


EXHIBIT 2 - TEST SETUP PHOTOGRAPHS

OTA Test View 1:



OTA Test View 2:



***** END OF REPORT *****