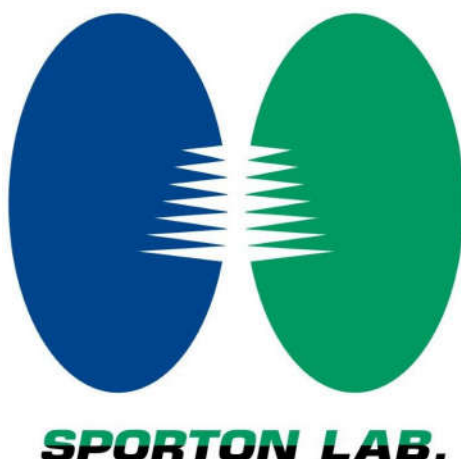




Wireless Device Over the Air Performance Data Summary

APPLICANT	: TELINK SEMICONDUCTOR (SHANG HAI) CO., LTD.
EQUIPMENT	: ML7218D1-MERCURY-M0-PE11
BRAND NAME	: TELINK SEMICONDUCTOR (SHANG HAI) CO., LTD.
MODEL NAME	: ML7218D1-MERCURY-M0-PE11
ANTENNA TYPE	: PCB Antenna
DATE OF RECEIPT	: May 22, 2025
DATE OF TEST	: May 22, 2025
ISSUE DATE	: Jun. 18, 2025

Reviewed by:

Feynman Liu / Vice Manager

Approved by:

Kevin Chu / Manager

Sporton International Inc. (Kunshan)

***No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China***



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Revision History

DATA NO.	VERSION	DESCRIPTION	ISSUED DATE
OQ540109	1.0	Initial issue of Data Summary	Jun. 03, 2025
OQ540109	2.0	Add antenna type. This report is an update version, replacing the report issued on Jun. 03, 2025.	Jun. 18, 2025



1. Administration Data

1.1 Testing Laboratory

Test Site	Sporton International Inc. (Kunshan)
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL: +86-0512-5790-0158
Chamber	☐ OTA01-KS ☐ OTA02- KS ☐ OTA03-KS ☒ OTA04-KS ☐ OTA05-KS

■: Indicates the chamber(s) used in this test data summary.

1.2 Applicant

Company Name	TELINK SEMICONDUCTOR (SHANG HAI) CO., LTD.
Address	10-11/F, Building 1, 61 Shengxia Road, PuDongDistrict,Shanghai, China
Contact Person	Xiang Li
Telephone Number	+86 13917874941



2. Summary of Test Results

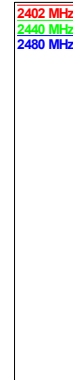
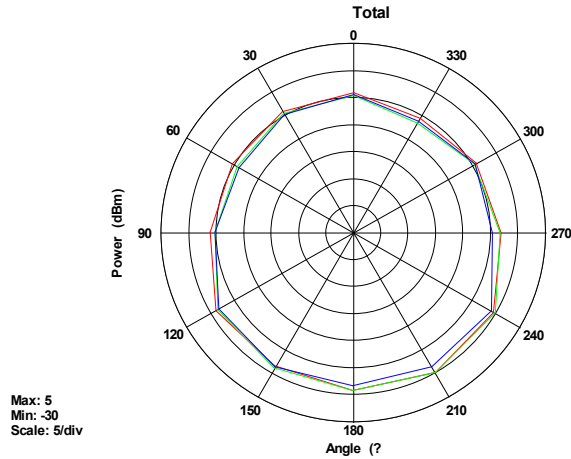
Test / Position	Antenna Gain / Free Space		
Frequency (MHz)	2402	2440	2480
Avg Gain	-1.9	-1.8	-2.7
Peak Gain	1.8	1.9	0.8
Directivity	3.7	3.7	3.5
Efficiency	-1.9	-1.8	-2.7
Efficiency (%)	64.9	65.5	53.7

3. Free Space Position Antenna Gain Patterns

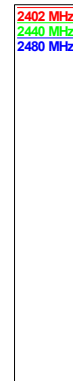
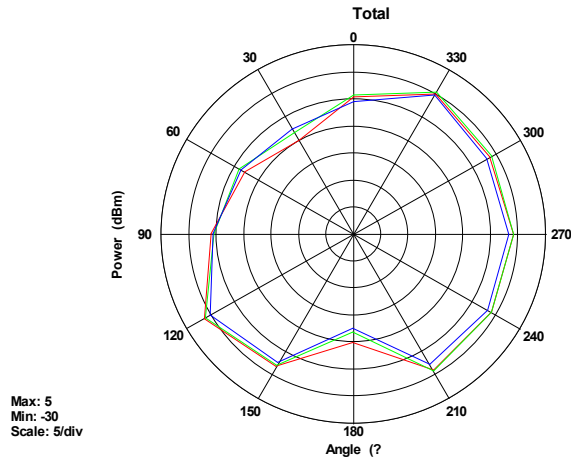
Please refer to as below.

2D pattern

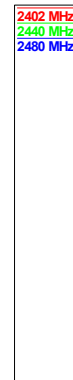
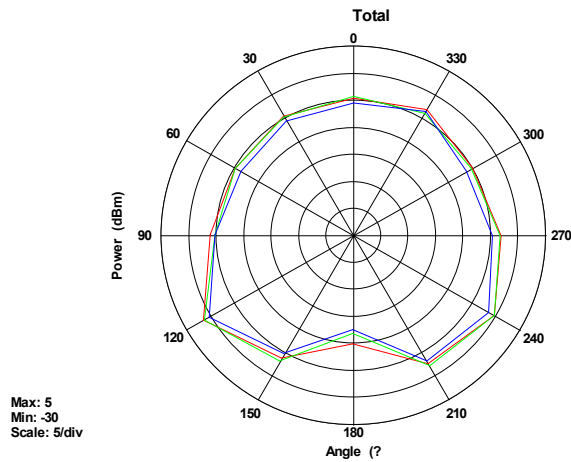
H



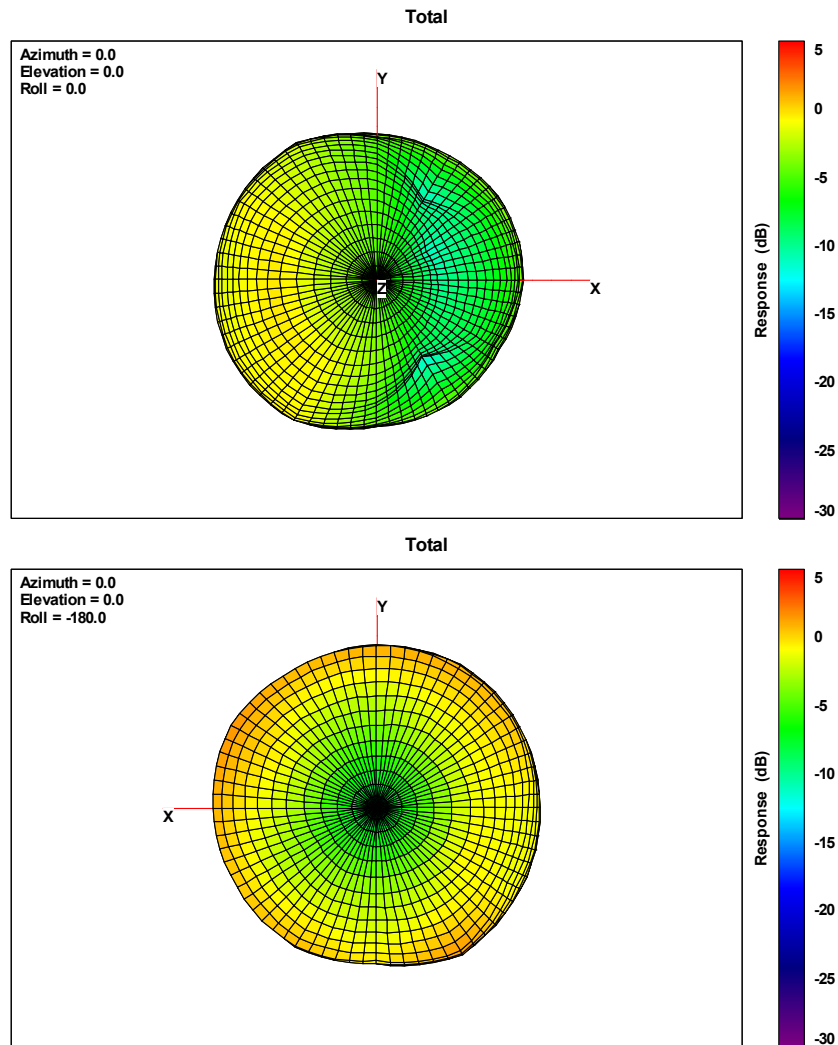
E1



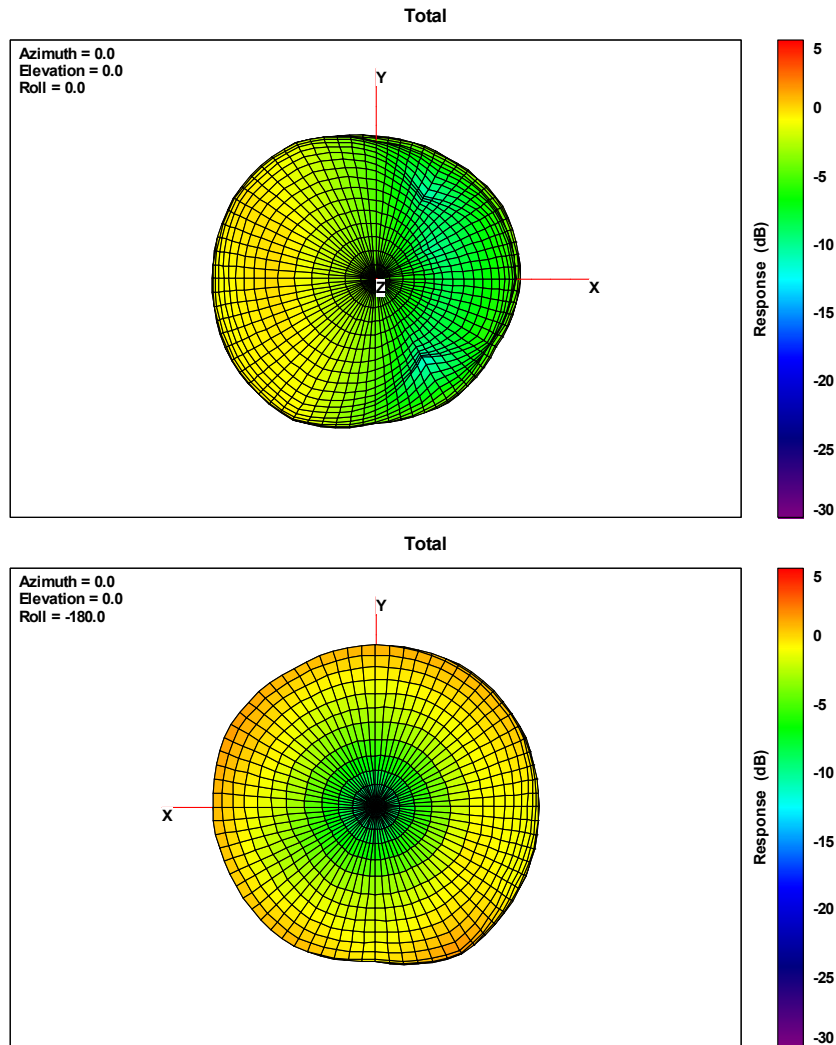
E2



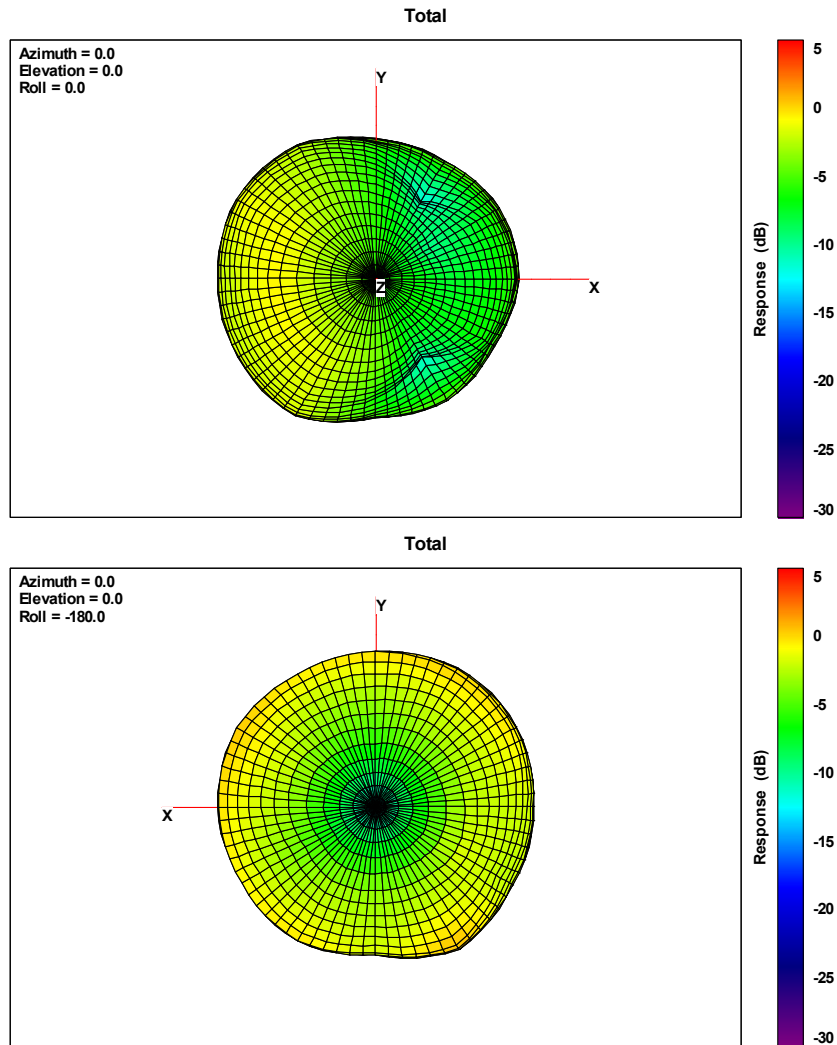
3D pattern



Free Space for 2402MHz



Free Space for 2440MHz



Free Space for 2480MHz



4. Photographs of Test Configuration

--THE END--