

Industrial Internet Innovation Center (Shanghai) Co.,Ltd.

OTA TEST REPORT

PRODUCT	Push Pro Remote (PCB Antenna)
MODEL	MT02-0101-067013
APPLICANT	Rollease Acmeda Pty Ltd.
ISSUE DATE	September 20, 2024
STANDARD(S)	IEEE Std 149TM-2008 IEEE Standard Test Procedures for Antennas

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1 General Information of The Laboratory

1.1 Testing Laboratory

Lab Name	Industrial Internet Innovation Center (Shanghai) Co.,Ltd.
Address	Building 4, No. 766, Jingang Road, Pudong, Shanghai, China
Telephone	021-68866880

1.2 Laboratory Environmental Requirements

Temperature	19℃~25℃
Relative Humidity	35%RH~75%RH

1.3 Project Information

Project Manager	Xu Yuting
Test Date	August 30, 2024

2 General Information of The Customer

2.1 Applicant

Company	Rollease Acmeda Pty Ltd.
Address	110 Northcorp Boulevard, VIC 3047, Australia
Telephone	N/A

2.2 Manufacturer

Company	Rollease Acmeda Pty Ltd.
Address	110 Northcorp Boulevard, VIC 3047, Australia
Telephone	N/A

3 General Information of The Product

3.1 Product Description for Equipment under Test (EUT)

Product	Push Pro Remote (PCB Antenna)
Model	MT02-0101-067013
Date of Receipt	August 28,2024
EUT ID*	S01
SN/IMEI	N/A
Hardware Version	N/A
Software Version	N/A
NOTE: EUT ID is the internal identification code of the laboratory.	

4 Test Configuration Information

4.1 Test Equipments Utilized

No.	Name	Model	S/N	Manufacturer	Cal. Date	Cal. Interval
1	EMQuest™ V1.14	Pattern Measurement Software	SN1529	ETS-Lindgren	N/A	N/A
2	AMS 8923	Fully Anechoic Chamber	CT-0001443-1280	ETS-Lindgren	2019-10-16	5 years
3	OSP120	Switch	100164	R&S	N/A	N/A
4	EMcenter	Switch	00162194	ETS-Lindgren	N/A	N/A
5	E5071C	N/A	MY46523563	Keysight	2023-10-16	1 year

5 Test Results

Frequency (MHz)	Directivity (dBi)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2400	7.14	-20.05	0.99	-12.91
2410	6.79	-19.99	1.00	-13.20
2420	6.84	-20.25	0.94	-13.41
2430	7.10	-20.62	0.87	-13.51
2440	7.17	-20.81	0.83	-13.64
2450	7.11	-20.85	0.82	-13.74
2460	6.91	-21.09	0.78	-14.17
2470	6.74	-21.47	0.71	-14.72
2480	7.29	-21.55	0.70	-14.26
2490	7.64	-21.41	0.72	-13.77
2500	6.97	-21.71	0.67	-14.74

6 Free Space Measurement Information

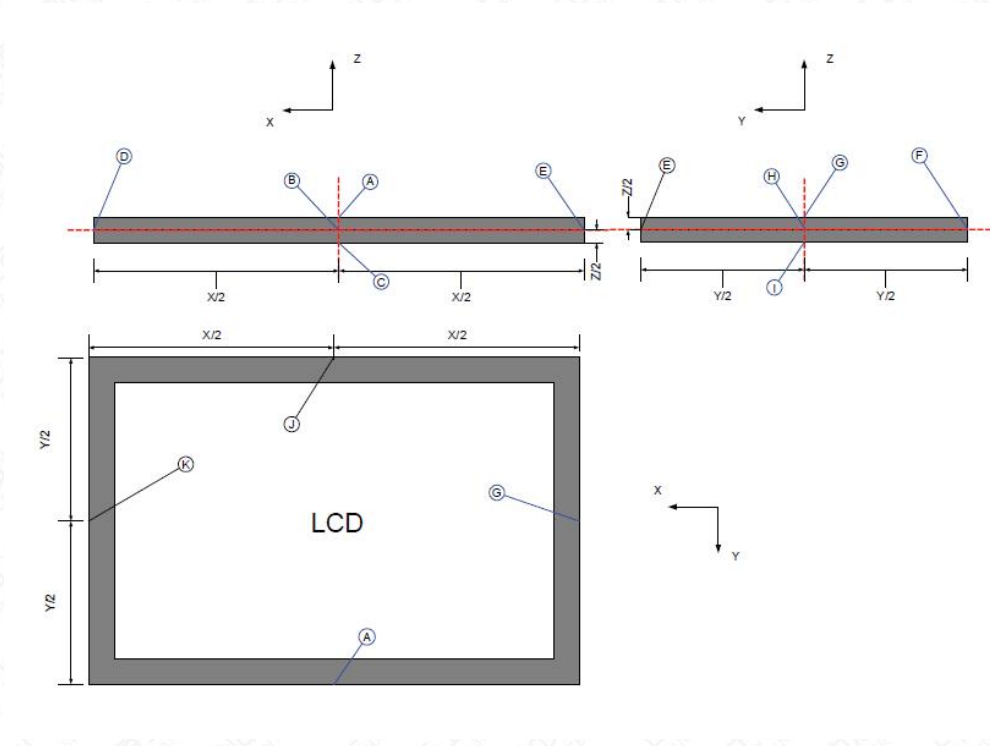


FIGURE P-1 INTERNAL ANTENNA

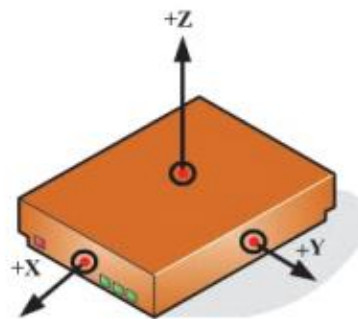
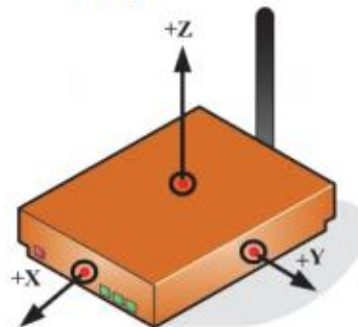
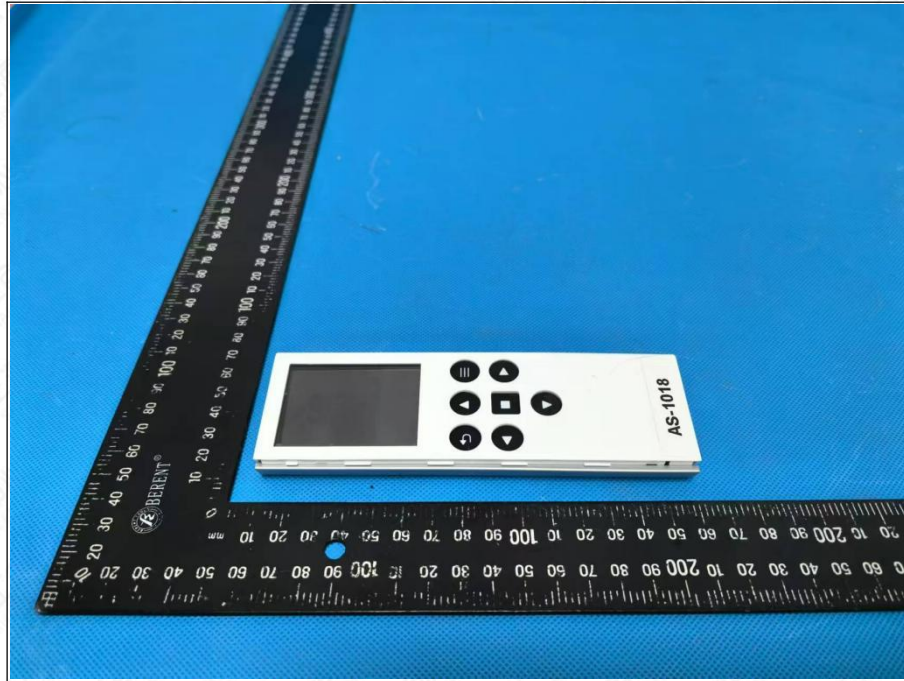


FIGURE P-2 DIRECT CONNECT EXTERNAL ANTENNA (IT DOES NOT MATTER WHERE THE ANTENNA IS LOCATED AS YOU WILL CENTER ON THE DEVICE)



Annex A: EUT Photos



Picture A-1: Front view photo



Picture A-2: Rear view photo

Annex B: Test Configuration Photos



Picture B-1: Free Space

END OF REPORT