Test Report

Applicant	:	GLAZERO INTERNATIONAL INC
Address	:	8 The Green, Suite A in the City of Dover.Zip code 19901.
Product Name	:	aosu Wi-Fi HomeBase H2L
Brand Mark	:	AOSU, DEKCO, Saato
Model	:	H2L
Series model	:	DH2L, H2E, H2F, H2G, H2H, H2I, H2S, DH2E, DH2F, DH2G, DH2H, DH2I, DH2S
Report Number	:	BLA-EMC-202503-A3003
FCC ID	:	2BACU-H2L
Date of Receipt	:	Mar.04, 2025
Date of Test	:	Mar.11, 2025 to Apr.02, 2025
Test Standard	:	47 CFR Part 15, Part1.1307 47 CFR Part 15, Part2.1093 KDB447498D04 General RF Exposure Guidance v01
Test Result	:	Pass

Compiled by: charlie **Review by:** Xavier **Approved by:** Zhe Zheng

Issued Date: Apr.07, 2025

BlueAsia of Technical Services(Shenzhen) Co.,Ltd.
Address: Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District, Shenzhen, Guangdong Province, China

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Revise Record

Version No.	Date	Description
01	Apr.07, 2025	Original

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1 General information

1.1 General information

Applicant	GLAZERO INTERNATIONAL INC
Address	8 The Green,Suite A in the City of Dover.Zip code 19901.
Manufacturer	GLAZERO INTERNATIONAL INC
Address	8 The Green,Suite A in the City of Dover.Zip code 19901.
Factory	Luxshare Precision Industry Co., Ltd.
Address	2F Comprehensive Building No.313 Beihuan Road Qingxi Town Dongguan City, Guangdong Province, China
Factory	Shenzhen Anran Security Technology Co., Ltd
Address	290 jihua Road, Jihua street, Longgang District, Shenzhen

1.2 General description of EUT

Product Name	aosu Wi-Fi HomeBase H2L
Model No.	H2L
Series model	DH2L,H2E,H2F,H2G,H2H,H2I,H2S, DH2E,DH2F,DH2G,DH2H,DH2I,DH2S
Desc of series model	The software and hardware of the product are consistent between the reported modeland the main certification model, and the difference is only used to distinguish differentsales channels and internal wiring are identical,Only the model name are different.
Power supply or adapter information	Input: 100-240V~50/60Hz 0.35A Output: 12V⎓ 1A
Hardware Version	V1.2
Software Version	V0.5.74
Engineer sample no	BLA-EMC-202503-A30
Note: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.	

For 2.4GWIFI

Operation Frequency	802.11b/g/n(HT20): 2412MHz to 2462MHz 802.11n(HT40): 2422MHz to 2452MHz
Modulation Type	802.11b: DSSS (CCK, DQPSK, DBPSK) 802.11g/n: OFDM (64QAM, 16QAM, QPSK, BPSK)
Nominal Bandwidth	20MHz&40MHz
Channel Spacing	5MHz
Number of Channels	802.11b/g/n(HT20): 11 802.11n(HT40):7
Antenna Type	FPC antenna
Antenna Gain	WIFI (ANT3/7) 1: 4.23dBi WIFI (ANT4/8) 2: 3.54dBi
Function	☒ SISO ☒ 2x2 MIMO ☐ TPC

2 Laboratory and accreditations

The test facility is recognized, certified, or accredited by the following organizations:

Company name:	BlueAsia of Technical Services(Shenzhen) Co., Ltd.
Address:	Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District, Shenzhen, Guangdong Province, China
CNAS accredited No.:	L9788
A2LA Cert. No.:	5071.01
FCC Designation No.:	CN1252
ISED CAB identifier No.:	CN0028
Telephone:	+86-755-28682673
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3 RF Exposure Compliance Requirement

3.1 Standard Requirement

According to 447498 D04 Interim General RF Exposure Guidance v01

Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

3.2 Limits

$$P_{th}\ (\text{mW}) = ERP_{20\ \text{cm}}\ (\text{mW}) = \begin{cases} 2040f & 0.3\ \text{GHz} \le f < 1.5\ \text{GHz} \\ 3060 & 1.5\ \text{GHz} \le f \le 6\ \text{GHz} \end{cases} \quad \text{(B. 1)}$$

$$P_{th}\ (\text{mW}) = \begin{cases} ERP_{20\ \text{cm}}(d/20\ \text{cm})^x & d \le 20\ \text{cm} \\ ERP_{20\ \text{cm}} & 20\ \text{cm} < d \le 40\ \text{cm} \end{cases} \quad \text{(B. 2)}$$

where

$$x = -\log_{10}\left(\frac{60}{ERP_{20\ \text{cm}}\sqrt{f}}\right)$$

and f is in GHz, d is the separation distance (cm), and $ERP_{20\text{cm}}$ is per Formula (B.1).

Example values shown in Table B.2 are for illustration only.

Table B.2—Example Power Thresholds (mW)

Frequency (MHz)	Distance (mm)									
	5	10	15	20	25	30	35	40	45	50
300	39	65	88	110	129	148	166	184	201	217
450	22	44	67	89	112	135	158	180	203	226
835	9	25	44	66	90	116	145	175	207	240
1900	3	12	26	44	66	92	122	157	195	236
2450	3	10	22	38	59	83	111	143	179	219
3600	2	8	18	32	49	71	96	125	158	195
5800	1	6	14	25	40	58	80	106	136	169

3.3 Result

Calculated Result and Limit (WORSE CASE IS AS BELOW)
WIFI (ANT3/7) 1: 4.23dBi
WIFI (ANT4/8) 2: 3.54dBi
Directional gain=10log{[10^(4.23/20)+10^(3.54/20)]^2/2]dBi=6.9dBi
worse case is 16.49 dBm gain is 6.9

Mode	Frequency (MHz)	Max Output power(dBm)	Max Output power(mW)	Ant gain (dBi)	Evaluation ERP(dBm)	Evaluation ERP(mW)	Limit of Pth(mW)	Result
2.4G WIFI:802.11N20 (Sum)	2462	16.49	44.57	6.9	21.24	133.05	3060.00	Pass

ERP=Max Output power+Ant gain-2.15
Comply with RF exposure exemption limit.

----END OF REPORT----

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