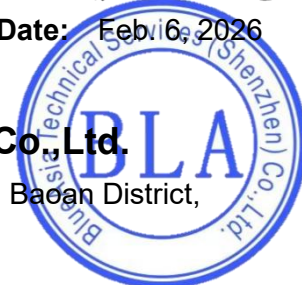


RF Exposure

Applicant : AOSU LIFE PTE. LTD.
Address : 9 NORTH BUONA VISTA DRIVE, #02-01, THE METROPOLIS, SINGAPORE 138588
Product Name : SolarCam Lite
Brand Mark : AOSU, DEKCO, Saato, Zoohi
Model : C7L2BA11
Series model : C6L, DC6L, C7L, DC7L, C6L2BA11, DC6L2BA11, DC7L2BA11, C6L2FA11, DC6L2FA11, C6L2GA11, DC6L2GA11, C7L2FA11, DC7L2FA11, C7L2GA11, DC7L2GA11
FCC ID : 2BSW3-C7L
Report Number : BLA-EMC-202601-A9003
Date of Receipt : Jan. 20, 2026
Date of Test : Jan. 20, 2026 to Feb. 6, 2026
Test Standard : KDB447498D04 General RF Exposure Guidance v01
Test Result : Pass

Compiled by: *Hugh*Review by: *Xavier*Approved by: *Blue Zheng*

Issued Date: Feb. 6, 2026

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

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Table of Contents

1	General information	4
1.1	General information	4
1.2	General description of EUT	4
2	RF Exposure Compliance Requirement	5
2.1	Standard Requirement	5
2.2	Limits	5
2.3	Result	6

Revise Record

Version No.	Date	Description
01	Feb. 6, 2026	Original

1 General information

1.1 General information

Applicant	AOSU LIFE PTE. LTD.
Address	9 NORTH BUONA VISTA DRIVE, #02-01, THE METROPOLIS, SINGAPORE 138588
Manufacturer	AOSU LIFE PTE. LTD.
Address	9 NORTH BUONA VISTA DRIVE, #02-01, THE METROPOLIS, SINGAPORE 138588
Factory	N/A
Address	N/A

1.2 General description of EUT

Product name	SolarCam Lite
Model no.	C7L2BA11
Series model	C6L, DC6L, C7L, DC7L, C6L2BA11, DC6L2BA11, DC7L2BA11, C6L2FA11, DC6L2FA11, C6L2GA11, DC6L2GA11, C7L2FA11, DC7L2FA11, C7L2GA11, DC7L2GA11
Desc of series model	All circuits and PCB boards are the same; the only difference lies in the model naming.
Operation Frequency:	2412MHz-2462MHz
Operation Frequency:	802.11b/g/n(HT20): 2412MHz to 2462MHz
Modulation Type:	802.11b: DSSS (CCK, DQPSK, DBPSK) 802.11g/n: OFDM (64QAM, 16QAM, QPSK, BPSK)
Channel Spacing:	5MHz
Number of Channels:	802.11b/g/n(HT20): 11
Antenna Type:	Metal antenna
Antenna Gain:	2.41dBi(Provided by customer)
Power supply or adapter information	DC3.65V by battery
Hardware Version	C6L-GBT31_XM8710-MB-V2
Software Version	2.2.18
<i>Note: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.</i>	

2 RF Exposure Compliance Requirement

2.1 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.

2.2 Limits

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

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

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

2.3 Result

$$\text{EIRP} = p_t \times g_t = (E \times d)^2 / 30$$

Where:

p_t = transmitter output power in watts,

g_t = numeric gain of the transmitting antenna (unitless),

E = electric field strength in V/m, --- $10((\text{dBuV/m})/20)/106$

d = measurement distance in meters (m) ---3m

$$\text{Spot} = (E \times d)^2 / 30 \times g_t$$

$$\text{Ant gain} = 2.41 \text{ dBi}$$

2.4 GWIFI

Max Output power = 7.762 dBm @ 2412 MHz 802.11b

$$\text{ERP} = 7.762 + 2.41 - 2.15 = 8.022 \text{ dBm}$$

So

ERP is worse case

$$10^{0.8022} = 6.342 \text{ mW} < 3060 \text{ mW}$$

Comply with RF exposure exemption limit.

----END OF REPORT----

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