

FCC RF Exposure

Applicant : Shenzhen FeelStorm Technology Co.,Ltd.
Address : Floor 5th, Building C, Huawan Industrial Park, Gushu,
Xixiang Street, Bao'an District, Shenzhen.
Product Name : Video Baby Monitor
Brand Mark : N/A
Model no. : BM932
Series model : N/A
FCC ID : 2AFX2BM932-1
Report Number : BLA-EMC-202509-A3302
Date of Receipt : Sep. 16, 2025
Date of Test : Sep. 16, 2025 to Sep. 27, 2025
47 CFR Part 15, Part1.1307
Test Standard : 47 CFR Part 15, Part2.1093
KDB447498D04 General RF Exposure Guidance v01
Test Result : Pass

Compiled by: Mark Chen

Review by: Xavier

Approved by:

Steve Zheng

Issued Date: Oct. 31, 2025



BlueAsia of Technical Services(Shenzhen) Co.,Ltd.

Address: Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District,
Shenzhen, Guangdong Province, China



The test report is effective only with both signature and specialized stamp and The result(s) shown in this report refer only to the sample(s) tested. Without written approval of BlueAsia, this report can't be reproduced except in full. The results described in this report do not represent the quality or characteristics of the sampled batch, nor do they represent any similar or identical products that are not explicitly stated.

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	Oct. 31, 2025	Original

BlueAsia

1 General information

1.1 General information

Applicant	Shenzhen FeelStorm Technology Co.,Ltd.
Address	Floor 5th, Building C, Huawan Industrial Park, Gushu, Xixiang Street, Bao'an District, Shenzhen.
Manufacturer	Shenzhen FeelStorm Technology Co.,Ltd.
Address	Floor 5th, Building C, Huawan Industrial Park, Gushu, Xixiang Street, Bao'an District, Shenzhen.
Factory	Shenzhen FeelStorm Technology Co.,Ltd.
Address	Floor 5th, Building C, Huawan Industrial Park, Gushu, Xixiang Street, Bao'an District, Shenzhen.

1.2 General description of EUT

Product name	Video Baby Monitor	
Model no.	BM932	
Operation Frequency	2408MHz-2468MHz	
Modulation Type	GFSK	
Modulation Technique	Frequency Hopping Spread Spectrum(FHSS)	
Channel Spacing	4MHz	
Number of Channels	16	
Antenna Type	Wire antenna	
Antenna Gain	3.44dBi(Provided by customer)	
Power supply	Adapter 1	MODEL: KA06E-0501000US INPUT: AC 100-240V, 50/60Hz 0.25A Max OUTPUT: DC 5.0V, 1.0A
	Adapter 2	MODEL: TEKA-UCA10US INPUT: AC 100-240V, 50/60Hz 0.2A Max OUTPUT: DC 5.0V, 1.0A
Test Voltage	AC 120V	
Hardware Version	V1.0	
Software Version	V1.0	

Note: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

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

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

Where:

pt = transmitter output power in watts,

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

E = electric field strength in V/m

d = measurement distance in meters (m)

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

Separation Distance: 20 (cm)

2.4G antenna gain = 3.44dBi

2.4G worse case: 12.551dBm @2436MHz

$$\text{ERP} = 12.551 + 3.44 - 2.15 = 13.841 \text{ dBm} = 24.216 \text{ mW} < 3060 \text{ mW}$$

it's deemed to fulfil the RF exposure requirement.

----END OF REPORT----

The test report is effective only with both signature and specialized stamp, the result(s) shown in this report refer only to the sample(s) tested. Without written approval of BlueAsia, this report can't be reproduced except in full.