

SAR Exemption Evaluation

Applicant	Play For Dream (Shanghai) Technologies Co., Ltd.
FCC ID	2BMM9-MRD3C01L
Product	D3-Controller
Brand	PLAY FOR DREAM
Model	D3-C (L)
Report No.	R2411A1738-S1
Issue Date	December 27, 2024

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1 Test Laboratory

1.1 Notes of the Test Report

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1.2 Test Facility

FCC (Designation number: CN1179, Test Firm Registration Number: 446626)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform measurements.

1.3 Testing Location

Company: Eurofins TA Technology (Shanghai) Co., Ltd.
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1.4 Laboratory Environment

Temperature	Min. = 18°C, Max. = 25°C
Relative humidity	Min. = 20%, Max. = 80%
Ground system resistance	< 0.5 Ω
Ambient noise is checked and found very low and in compliance with requirement of standards. Reflection of surrounding objects is minimized and in compliance with requirement of standards.	

2 Description of Equipment Under Test

Client Information

Applicant	Play For Dream (Shanghai) Technologies Co., Ltd.
Applicant address	Room 501, Building No.3, Caosong Road No.1, Xinqiao Town, Songjiang District, Shanghai City, China.
Manufacturer	Play For Dream (Shanghai) Technologies Co., Ltd.
Manufacturer address	Room 501, Building No.3, Caosong Road No.1, Xinqiao Town, Songjiang District, Shanghai City, China.

General Technologies

Application Purpose	Original Grant
EUT Stage	Identical Prototype
Model	D3-C (L)
Lab internal SN	R2411A1738/S01
Hardware Version	/
Software Version	/
Antenna Type	Internal Antenna
Date of Testing	November 23, 2024 ~December 5, 2024
Date of Sample Received	November 19, 2024
Note: The EUT is sent from the applicant to Eurofins TA and the information of the EUT is declared by the applicant.	

Wireless Technology and Frequency Range

Wireless Technology	Modulation	Operating Mode	Tx (MHz)
nRF 2.4GHz	GFSK	2.4G	2402 ~ 2480
	Does this device support MIMO <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

3 Test Specification, Methods and Procedures

Reference Standards

KDB 447498 D01 General RF Exposure Guidance v06

4 Output Power

nRF 2.4GHz	Conducted Power(dBm)			Tune-up Limit (dBm)
	Channel/Frequency(MHz)			
	Ch 0/2402 MHz	Ch 19/2440 MHz	Ch 39/2480 MHz	
GFSK	8.18	8.18	7.94	30

5 Standalone SAR Test Exclusion Considerations

Per KDB 447498 D01, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

Per KDB 447498 D01, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

Band	Configuration	Frequency (MHz)	Distance (mm)	MAX Power (dBm)	Ratio	SAR test exclusion thresholds	Evaluation
nRF 2.4GHz	Body-worn	2480	15	8.18	0.69	3	No
	Hotspot	2480	10	8.18	1.04	3	No
	Extremity SAR	2480	5	8.18	2.07	7.5	No

Note: Based on SAR test exclusion, all values meet the SAR test exclusion thresholds and are exempt from routine evaluation.

ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.

*******END OF REPORT *******