

RF EXPOSURE EVALUATION REPORT

FCC ID : 2AG0Z-R2KM
Equipment : VR Headset
Brand Name :  **oculus**
Model Name : DX45JH
Applicant : Facebook Technologies, LLC
1 Hacker Way, Menlo Park, CA 94025, USA
Standard : 47 CFR Part 2.1093
FCC KDB 447498 D01 v06

We, SPORTON INTERNATIONAL INC has been evaluated in accordance with 47 CFR Part 2.1093 for the device and pass the limit.

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Approved by: Cona Huang / Deputy Manager

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History of this test report

Report No.	Version	Description	Issued Date
FA892722	Rev. 01	Initial issue of report	Nov. 29, 2018

**1. General Information****1.1 Description of Device Under Test (DUT)**

Product Feature & Specification	
DUT Type	VR Headset
Brand Name	O culus
Model Name	DX45JH
FCC ID	2AG0Z-R2KM
Wireless Technology and Frequency Range	GFSK: 2402 MHz ~ 2478 MHz
Mode	GFSK
DUT Stage	Identical Prototype

Remark: The above DUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

Reviewed by: Jason Wang

Report Producer: Wan Liu

2. Maximum RF output power among production units

Mode	Average Power(dBm)
GFSK	4

3. RF Exposure Evaluation

Bluetooth Max Power (dBm)	mW	Separation Distance (mm)	Frequency (GHz)	Exclusion Thresholds
4	2.51	5	2.48	0.79

Note:

- Per KDB 447498 D01v06 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:

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

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

Conclusion: Per KDB 447498 D01v06, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion. The test exclusion threshold is 0.79 which is ≤ 3 , SAR testing is not required.