RF Exposure Evaluation Report

FCC ID	:	**NM82QAB100**
Equipment	:	**VIVE Tracker**
Brand Name	:	**VIVE**
Model Name	:	**2QAB100**
Applicant	:	**HTC Corporation No.88, Sec. 3, Zhongxing Rd., Xindian Dist., New Taipei City 231, Taiwan (R.O.C.)**
Manufacturer	:	**HTC Corporation No.23, Xinghua Rd., Taoyuan District, Taoyuan City, Taiwan 330**
Standard	:	**47 CFR Part 2.1093**

We, SPORTON INTERNATIONAL INC has been evaluated this product in accordance with 47 CFR Part 2.1093 and it complies with applicable limit.

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code: 1190) and the FCC designation No. TW1190 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC evaluation.

Approved by: Cona Huang / Deputy Manager

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Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA0O2746	Rev. 01	Initial issue of report	Dec. 17, 2020

1. General Information

1.1 Description of Device Under Test (DUT)

Product Feature & Specification	
DUT Type	VIVE Tracker
Brand Name	VIVE
Model Name	2QAB100
Marketing Name	2QAB100
FCC ID	NM82QAB100
Wireless Technology and Frequency Range	2.4GHz Proprietary Radio: 2402 MHz ~ 2480 MHz
Mode	2.4GHz Proprietary Radio
Antenna Type	PIFA Antenna
DUT Stage	Production Unit

Reviewed by: Jason Wang
Report Producer: Carlie Tsai

2. Maximum RF output power among production units

Mode	Maximum Output Power (dBm)
2.4GHz Proprietary Radio	5

3. RF Exposure Evaluation

2.4G Proprietary Radio Max Power (dBm)	mW	Separation Distance (mm)	Frequency (GHz)	Exclusion Thresholds
5	3.16	5	2.48	1.00

Note:
1. 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:
   [(*max. power of channel, including tune-up tolerance, mW*)/(*min. test separation distance, mm*)] ·[√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR
   - f(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 1 which is <= 3, SAR testing is not required.