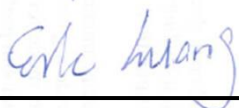


# RF Exposure Evaluation Report

APPLICANT : HTC Corporation  
EQUIPMENT : VIVE Controller  
MODEL NAME : IHM100  
FCC ID : NM8IHM100  
STANDARD : 47 CFR Part 2.1093  
FCC KDB 447498 D01 v06

We, SPORTON INTERNATIONAL INC., would like to declare that the device has been evaluated in accordance with 47 CFR Part 2.1093, and pass the limit. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.



Reviewed by: Eric Huang / Manager



Approved by: Jones Tsai / Manager



## SPORTON INTERNATIONAL INC.

No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Taoyuan City, Taiwan (R.O.C.)





### **1. Administration Data**

<b>Testing Laboratory</b>	
<b>Test Site</b>	SPORTON INTERNATIONAL INC.
<b>Test Site Location</b>	No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978

<b>Applicant</b>	
<b>Company Name</b>	HTC Corporation
<b>Address</b>	88 Section 3, Zhongxing Road, Xindian District, New Taipei City 231, Taiwan

<b>Manufacturer</b>	
<b>Company Name</b>	Finch Technologies Ltd
<b>Address</b>	33 Porter Road, P.O.Box 3169 PMB103, Road Town, Tortola, BVI

### **2. General Information**

#### **2.1 Description of Device Under Test (DUT)**

<b>Product Feature &amp; Specification</b>	
<b>EUT Type</b>	VIVE Controller
<b>Model Name</b>	IHM100
<b>FCC ID</b>	NM8IHM100
<b>Wireless Technology and Frequency Range</b>	Bluetooth: 2402 MHz ~ 2480 MHz
<b>Mode</b>	Bluetooth LE
<b>EUT Stage</b>	Production Unit

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



3. Maximum RF output power among production units

Band / Mode	Average Power (dBm)
	LE
	GFSK
Bluetooth	-3

4. RF Exposure Evaluation

Bluetooth Max Power (dBm)	mW	Separation Distance (mm)	Frequency (GHz)	Exclusion Thresholds
-3	0.5	5	2.48	0.16

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:

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

- 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 0.16 which is ≤ 7.5, SAR testing is not required.