

RF EXPOSURE EVALUATION REPORT

FCC ID : NM82Q6M200
Equipment : Controller
Model Name : 2Q6M200
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
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.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The results in this variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Cona Huang / Deputy Manager

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History of this test report

Report No.	Version	Description	Issued Date
FA912262	Rev. 01	Initial issue of report	Mar. 26, 2019



1. General Information

1.1 Description of Device Under Test (DUT)

Product Feature & Specification	
DUT Type	Controller
Model Name	2Q6M200
FCC ID	NM82Q6M200
Wireless Technology and Frequency Range	SRD: 2403 MHz ~ 2479 MHz
Mode	SRD: GFSK
Antenna Type	PCB Antenna
EUT Stage	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.

Reviewed by: Jason Wang

Report Producer: Daisy Peng

2. Maximum RF output power among production units

Band / Mode	Average Power (dBm)
	GFSK
2.4GHz SRD	4



3. RF Exposure Evaluation

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

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:

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

- f(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.