	RF Exposure Report
Report No.:	SA201027E01
FCC ID:	JNZRR0016
Test Model:	RR0016
Received Date:	Oct. 13, 2020
Test Date:	Nov. 04, 2020
Issued Date:	Nov. 25, 2020
Applicant:	LOGITECH FAR EAST LTD.
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Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory
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Test Location:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
FCC Registration / Designation Number:	723255 / TW2022
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Release Control Record					
Issue No.	Description				Date Issued
SA201027E01	Original release.				Nov. 25, 2020



1	Certificate of Conformity	
	Product:	Remote
	Brand:	Logitech
	Test Model:	RR0016
	Sample Status:	ENGINEERING SAMPLE
	Applicant:	LOGITECH FAR EAST LTD.
	Test Date:	Nov. 04, 2020
	Standards:	FCC Part 2 (Section 2.1093)
		IEEE C95.1-1992
Re	ferences Test Guidance	KDB 447498 D01 General RF Exposure Guidance v06

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

Prepared by :

Cherry	Chuo	,	Date:	
Cherry Chuo / S				

Nov. 25, 2020

Date:

Nov. 25, 2020

Approved by :

Clark Lin / Technical Manager



2 Evaluation Result

Following FCC KDB 447498 D01 "General SAR test exclusion guidance"

The corresponding SAR Exclusion Threshold condition, listed below:

 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)] $\cdot [\sqrt{f}(GHz)] \le 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

- ▶ 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 The test exclusions are applicable only when the minimum test separation distance is < 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.
- 2) At 100 MHz to 6 GHz and for test separation distances > 50 mm, the SAR test exclusion threshold is determined according to the following:
 - a) [Threshold at 50 mm in step 1) + (test separation distance 50mm) · (f(MHz)/150)] mW, at 100MHz to 1500 MHz
 - b) [Threshold at 50 mm in step 1) + (test separation distance 50 mm)·10] mW at > 1500 MHz and ≤ 6 GHz
- 3) At frequencies below 100 MHz, the following may be considered for SAR test exclusion.
 - a) The threshold at the corresponding test separation distance at 100 MHz in step 2) is multiplied by [1 + log(100/f(MHz))] for test separation distances > 50 mm and < 200 mm.
 - b) The threshold determined by the equation in a) for 50 mm and 100 MHz is multiplied by ½ for test separation distances ≤ 50 mm.
 - c) SAR measurement procedures are not established below 100 MHz. When SAR test exclusion cannot be applied, a KDB inquiry is required to determine SAR evaluation requirements for any test results to be acceptable.



3 SAR Test Exclusion Thresholds

BT-LE 1M

Channel	Frequency (MHz)	Average Power (mW)	Average Power (dBm)
0	2402	2.679	4.28
19	2440	2.661	4.25
39	2480	2.71	4.33

BT-LE 2M

Channel	FrequencyAverage Power(MHz)(mW)		Average Power (dBm)	
0	2402	2.6	4.15	
19	2440	2.673	4.27	
39	2480	2.793	4.46	

For SAR Test Exclusion Thresholds

Operation Mode	Evaluation Frequency (MHz)	Max Avg. Power (dBm)	Max Avg. Power (mW)	Min. test separation distance (mm)	SAR test exclusion calculation value (mW/mm)	10-g SAR test exclusion thresholds (mW/mm)	Result
BT LE-1M	2402-2480	4.33	2.71	5	0.854	7.5	PASS
BT LE-2M	2402-2480	4.46	2.793	5	0.88	7.5	PASS

Note:

1. Calculate SAR test exclusion thresholds from condition "1" formulas.

2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

4 Conclusion

Since Source-base time average power is below SAR test exclusion power thresholds, the SAR evaluation is not required.

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