



RF Exposure Evaluation Report

FCC ID : JNZAR0205
Equipment : Wireless Headset
Brand Name : Logitech, logitech G, logi, G
Model Name : AR0205
Marketing Name : G321 Wireless Headset
Applicant : Logitech Far East Ltd
#2 Creation Rd., 4, Science-Based Ind. Park, HsinChu , Taiwan
Manufacturer : Logitech Far East Ltd
#2 Creation Rd., 4, Science-Based Ind. Park, HsinChu , Taiwan
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.

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

Approved by: Cona Huang / Deputy Manager



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1. General Information

1.1 Description of Device Under Test (DUT)

| Product Feature & Specification | |
|---|----------------------------------|
| DUT Type | Wireless Headset |
| Brand Name | Logitech, logitech G, logi, G |
| Model Name | AR0205 |
| Marketing Name | G321 Wireless Headset |
| FCC ID | JNZAR0205 |
| Wireless Technology and Frequency Range | Bluetooth: 2400 MHz ~ 2483.5 MHz |
| Mode | Bluetooth BR/EDR |
| HW Version | REV F |
| SW Version | V0.1.6 |

2. Maximum RF output power among production units

| | Mode | Channel | Frequency (MHz) | Tune-up Limit (dBm) |
|-----------|-------------------|---------|-----------------|---------------------|
| Bluetooth | BR / EDR 1Mbps | 0 | 2402 | 4.50 |
| | | 39 | 2441 | 5.50 |
| | | 78 | 2480 | 6.50 |
| | BR / EDR 2Mbps | 0 | 2402 | 4.50 |
| | | 39 | 2441 | 5.50 |
| | | 78 | 2480 | 6.50 |
| | BR / EDR 3Mbps | 0 | 2402 | 4.50 |
| | | 39 | 2441 | 5.50 |
| | | 78 | 2480 | 6.50 |

(Light speed)

| | Mode | Channel | Frequency (MHz) | Tune-Up Limit (dBm) |
|-----------|-------------------|---------|-----------------|---------------------|
| Bluetooth | BR / EDR 1Mbps | 0 | 2402 | 4.50 |
| | | 39 | 2441 | 5.50 |
| | | 78 | 2480 | 6.50 |
| | BR / EDR 2Mbps | 0 | 2402 | 4.50 |
| | | 39 | 2441 | 5.50 |
| | | 78 | 2480 | 6.50 |



3. RF Exposure Evaluation

| Bluetooth Max Power (dBm) | mW | Separation Distance (mm) | Frequency (GHz) | Exclusion Thresholds |
|------------------------------|------|-----------------------------|--------------------|-------------------------|
| 6.5 | 4.47 | 5 | 2.48 | 1.41 |

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 1.41 which is ≤ 3, SAR testing is not required.