

Frontrow Calypso, LLC  
1690 Corporate Circle, Petaluma, CA94954, USA

Federal Communications Commission  
Authorization and Evaluation Division  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MD 21046

**Applicant's declaration concerning RF Radiation Exposure**

We hereby indicate that the product  
Product description: UHF Teacher Pendant Mic  
Model No: 6400-00102

The equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The integral antennas used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter within the host device.

A safety statement concerning minimum separation distances from enclosure of the  
Product: UHF Teacher Pendant Mic  
will be integrated in the user's manual to provide end-users with transmitter operating conditions for satisfying RF exposure compliance.

The appropriate information can be drawn from the test report no: W6M22105-20875-C-1  
and the accompanying calculations.

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Signature

Date: 2021-07-09

### Equivalent Isotropic Radiated Power (EIRP)

EIRP = max. conducted output power + antenna gain

EIRP = 3.98 dBm + (-8 dBi [antenna gain claimed by manufacturer]) = -4.02 dBm = 0.40 mW

### Exemption Limits for Routine Evaluation according to FCC KDB Publication

According to the KDB 447498 D01 v06 section 4.3.1, for 100 MHz to 6 GHz and test separation distances  $\leq 50$  mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

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

- $f(\text{GHz})$  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

### Exemption Limits for Routine Evaluation – SAR Evaluation

SAR evaluation is required if the separation distance between the user and/or bystander and the antenna and/or radiating element of the device is less than or equal to 20 cm, except when the device operates at or below the applicable output power level (adjusted for tune-up tolerance) for the specified separation distance defined in Table.

Table: SAR evaluation — Exemption limits for routine evaluation based on frequency and separation distance

| Frequency<br>(MHz) | Exemption Limits (mW)                |                                       |                                       |                                       |                                       |
|--------------------|--------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
|                    | At separation<br>distance of<br>5 mm | At separation<br>distance of<br>10 mm | At separation<br>distance of<br>15 mm | At separation<br>distance of<br>20 mm | At separation<br>distance of<br>25 mm |
| 532.1              | 20.72 mW                             | 42.44 mW                              | 63.16 mW                              | 84.10 mW                              | 105.60 mW                             |

| Frequency<br>(MHz) | Exemption Limits (mW)                 |                                       |                                       |                                       |                                       |
|--------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
|                    | At separation<br>distance of<br>30 mm | At separation<br>distance of<br>35 mm | At separation<br>distance of<br>40 mm | At separation<br>distance of<br>45 mm | At separation<br>distance of<br>50 mm |
| 532.1              | 125.32 mW                             | 148.04 mW                             | 168.76 mW                             | 189.70 mW                             | 211.21 mW                             |

Output power level shall be the higher of the maximum conducted or equivalent isotropically radiated power (e.i.r.p.) source-based, time-averaged output power.

Max. output power level at 5 mm separation distance at 532.1 MHz  
according to table is: 20.72 mW.

The product is exempt from SAR Evaluation/Testing because the output power of 0.40 mW is below the exemption limit of 20.72 mW.