

RF Exposure Evaluation Report

1 RF EXPOSURE

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|---------------------|---|
| Product Name | Wireless microphone transmitter and receiver |
| Model No. | M-ONE,M-02, M-03, M-04, JT-01, JT-02, JT-03, JT-04, JT-05, HD-01, HD-02, HD-03, HD-04, HD-05, SQ-01, SQ-02, SQ-03, SQ-04, F-01, F-02, F-03 |
| FCC ID | 2BCRY-M-ONE |

1.1 LIMITS

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 5.0 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, where

$f(\text{GHz})$ is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation¹⁷

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 exclusio

1.2 EUT RF EXPOSURE EVALUATION

| Operational Mode: FM | | | | | | |
|--|--------------------------------------|------------------------|-----------------------------|----------------------------|------------------|---------------------|
| Channel (MHz) | Maximum Conducted Output Power (dBm) | Tune up tolerance (dB) | Maximum tune-up Power (dBm) | Maximum tune-up Power (mW) | Calculated value | Exclusion threshold |
| 550.25 | -11.24 | -11.24 ± 1 | -10.24 | 0.095 | 0.014 | 3 |
| 561.25 | -11.47 | -11.47 ± 1 | -10.47 | 0.090 | 0.013 | 3 |
| 573.75 | -10.64 | -10.64 ± 1 | -9.64 | 0.109 | 0.017 | 3 |
| Conclusion: the calculated value ≤ 3.0 , SAR is exempted. | | | | | | |