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# RF TEST REPORT

Product Name: Dog Training Collar

Model Name: C1, C2, C3

FCC ID: 2BOBL-C1

Issued For : DONGGUAN DINGYANG TECHNOLOGY LTD

No. 57 Taian Road, Shigu Village, Tangxia Town,  
Dongguan City, Guangdong Province

Issued By : Shenzhen LGT Test Service Co., Ltd.

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Report Number: LGT25C005RF01

Sample Received Date: Mar. 03, 2025

Date of Test: Mar. 03, 2025 ~ Mar. 26, 2025

Date of Issue: Mar. 26, 2025



## TEST REPORT CERTIFICATION

**Applicant:** DONGGUAN DINGYANG TECHNOLOGY LTD  
**Address:** No. 57 Taian Road, Shigu Village, Tangxia Town, Dongguan City, Guangdong Province

**Manufacturer:** DONGGUAN DINGYANG TECHNOLOGY LTD  
**Address:** No. 57 Taian Road, Shigu Village, Tangxia Town, Dongguan City, Guangdong Province

**Product Name:** Dog Training Collar

**Trademark:** N/A

**Model Name:** C1, C2, C3

**Sample Status:** Normal

| APPLICABLE STANDARDS                           |              |
|--|--------------|
| STANDARD                                       | TEST RESULTS |
| FCC Part 15.231, Subpart C<br>ANSI C63.10-2013 | PASS         |

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## RF EXPOSURE EVALUATION METHOD

RF EXPOSURE EVALUATION METHOD- KDB 447498 D01V06

### SAR Test Exclusion Thresholds for 100 MHz - 6 GHz and $\leq 50$ mm

Approximate SAR Test Exclusion Power Thresholds at Selected Frequencies and Test Separation Distances are illustrated in the following Table.

| MHz  | 5  | 10 | 15  | 20  | 25  | mm                                |
|------|----|----|-----|-----|-----|-----------------------------------|
| 150  | 39 | 77 | 116 | 155 | 194 | SAR Test Exclusion Threshold (mW) |
| 300  | 27 | 55 | 82  | 110 | 137 |                                   |
| 450  | 22 | 45 | 67  | 89  | 112 |                                   |
| 835  | 16 | 33 | 49  | 66  | 82  |                                   |
| 900  | 16 | 32 | 47  | 63  | 79  |                                   |
| 1500 | 12 | 24 | 37  | 49  | 61  |                                   |
| 1900 | 11 | 22 | 33  | 44  | 54  |                                   |
| 2450 | 10 | 19 | 29  | 38  | 48  |                                   |
| 3600 | 8  | 16 | 24  | 32  | 40  |                                   |
| 5200 | 7  | 13 | 20  | 26  | 33  |                                   |
| 5400 | 6  | 13 | 19  | 26  | 32  |                                   |
| 5800 | 6  | 12 | 19  | 25  | 31  |                                   |

Note: 10-g Extremity SAR Test Exclusion Power Thresholds are 2.5 times higher than the 1-g SAR Test Exclusion Thresholds indicated above. These thresholds do not apply, by extrapolation or other means, to occupational exposure limits.

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined by:

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

$f(\text{GHz})$  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

The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  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.



Worse case is as below:

Note: The maximum Equivalent Isotropic Radiated Power :  $99\text{dBuV/m} - 95.3 = 3.7\text{dBm}$  (refer to C63.10, section 10.3.9)(2.344mW@ 433.919MHz)

| Mode | frequency (MHz) | Maximum Peak Conducted Output Power (dBm) | Tune up Power (dBm) | Tune up Power (mW) | Result | Limit |
|------|-----------------|---|---------------------|--------------------|--------|-------|
| ASK  | 0.433919        | 3.7                                       | 4                   | 2.51188643         | 0.3309 | 3     |

Threshold at which no SAR required is  $0.3309 \leq 3.0$  for 1-g SAR, Separation distance is 5mm.