| | |
|---|---|
| FCC ID: | A3LSMS908E |
| Date: | 12/16/2021 |
| Test Procedure: | KDB 680106 D01 v03r01 |

| E Measurements (V/m) | 10% Battery | 50% Battery | 70% Battery | Limit (V/m) |
|---|---|---|---|---|
| | Distance from probe (cm) | Distance from probe (cm) | Distance from probe (cm) | |
| | 15 | 15 | 15 | |
| A (Bottom) | 0.196 | 0.130 | 0.162 | 614.00 |
| B (Right) | 0.245 | 0.111 | 0.227 | 614.00 |
| C (Top) | 0.175 | 0.118 | 0.163 | 614.00 |
| D (Left) | 0.218 | 0.100 | 0.163 | 614.00 |
| E (Front) | 0.490 | 0.226 | 0.438 | 614.00 |
| F (Back) | 0.575 | 0.229 | 0.532 | 614.00 |

**Table 1. E-field Measurement by battery level (Device to Device)**

| H Measurements (A/m) | 10% Battery | 50% Battery | 70% Battery | Limit (A/m) |
|---|---|---|---|---|
| | Distance from probe (cm) | Distance from probe (cm) | Distance from probe (cm) | |
| | 15 | 15 | 15 | |
| A (Bottom) | 0.009 | 0.009 | 0.011 | 1.63 |
| B (Right) | 0.027 | 0.028 | 0.029 | 1.63 |
| C (Top) | 0.008 | 0.009 | 0.010 | 1.63 |
| D (Left) | 0.027 | 0.026 | 0.032 | 1.63 |
| E (Front) | 0.019 | 0.021 | 0.022 | 1.63 |
| F (Back) | 0.022 | 0.024 | 0.028 | 1.63 |

**Table 2. H-field Measurement by battery level (Device to Device)**

| E Measurements (V/m) | Distance from probe (cm) | Limit (V/m) |
|---|---|---|
| | 15 | |
| A (Bottom) | 0.206 | 614.00 |
| B (Right) | 0.264 | 614.00 |
| C (Top) | 0.218 | 614.00 |
| D (Left) | 0.309 | 614.00 |
| E (Front) | 0.485 | 614.00 |
| F (Back) | 1.354 | 614.00 |

**Table 3. E-field Measurement (Device to Watch)**

| H Measurements (A/m) | Distance from probe (cm) | Limit (A/m) |
|---|---|---|
| | 15 | |
| A (Bottom) | 0.011 | 1.63 |
| B (Right) | 0.013 | 1.63 |
| C (Top) | 0.010 | 1.63 |
| D (Left) | 0.011 | 1.63 |
| E (Front) | 0.010 | 1.63 |
| F (Back) | 0.023 | 1.63 |

**Table 4. H-field Measurement (Device to Watch)**

| E Measurements (V/m) | Distance from probe (cm) | Limit (V/m) |
|---|---|---|
| | 15 | |
| A (Bottom) | 0.292 | 614.00 |
| B (Right) | 0.376 | 614.00 |
| C (Top) | 0.338 | 614.00 |
| D (Left) | 0.454 | 614.00 |
| E (Front) | 0.859 | 614.00 |
| F (Back) | 2.506 | 614.00 |

**Table 5. E-field Measurement (Device to Earbuds)**

| H Measurements (A/m) | Distance from probe (cm) | Limit (A/m) |
|---|---|---|
| | 15 | |
| A (Bottom) | 0.010 | 1.63 |
| B (Right) | 0.017 | 1.63 |
| C (Top) | 0.009 | 1.63 |
| D (Left) | 0.017 | 1.63 |
| E (Front) | 0.014 | 1.63 |
| F (Back) | 0.052 | 1.63 |

**Table 6. H-field Measurement (Device to Earbuds)**

| Frequency (MHz) | Probe Orientation (X, Y, Z) | Distance (cm) | Operational Correction Factor | Corrected H-field (A/m) | | | | | | Limit (A/m) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | EUT Sides | | | | | | |
| | | | | A | B | C | D | E | F | |
| 0.563 | Z | 15 | 0.333 | 0.00470 | 0.00473 | 0.00490 | 0.00470 | 0.00490 | 0.00506 | 1.63 |
| 0.563 | Z | 5 | 0.333 | 0.00549 | 0.00490 | 0.00616 | 0.01259 | 0.00539 | 0.01555 | 1.63 |
| 0.563 | Z | 4 | 0.333 | | | | | | 0.02321 | 1.63 |
| 0.563 | Z | 3 | 0.333 | | | | | | 0.03487 | 1.63 |
| 0.563 | Z | 2 | 0.333 | | | | | | 0.05618 | 1.63 |
| 0.563 | Z | 1 | 0.333 | | | | | | 0.10313 | 1.63 |
| 0.563 | Z | 0 | 0.333 | | | | | | 0.22517 | 1.63 |

**Table 7. H-field Measurement (S-pen charging)**

| Frequency (MHz) | Probe Orientation (X, Y, Z) | Distance (cm) | Operational Correction Factor | Corrected H-field (A/m) | Limit (A/m) |
|---|---|---|---|---|---|
| | | | | EUT Sides | |
| | | | | F | |
| 0.563 | X | 5 | 0.333 | 0.01612 | 1.63 |
| 0.563 | Y | 5 | 0.333 | 0.01542 | 1.63 |
| 0.563 | Z | 5 | 0.333 | 0.01735 | 1.63 |

**Table 8. H-field Isotropy Measurement (S-pen charging)**

| A | B | C | D | E | F |
|---|---|---|---|---|---|
| BOTTOM EDGE | RIGHT EDGE | TOP EDGE | LEFT EDGE | FRONT (SCREEN) | Back |

**Table 9. EUT Position Description**

**Note:**

1. The right and left edge are determined with the EUT screen facing the user
2. H-Field Measurements were found to be noise floor in most tests
3. E-Field Measurements were found to be noise floor in S-pen tests

## Description of Test Setup

- Testing was performed with a calibrated field probe.
- Measurement was performed on each side of the EUT as described per Table 9.
- Testing was performed at the distances and different battery level as indicated on Tables 1 through 8.
- Measurement procedure was performed per FCC Guidance.

## Test Equipment

| Manufacturer | Model | Description | Cal Date | Cal Interval | Cal Due | Serial Number |
|---|---|---|---|---|---|---|
| Narda | EHP-200AC | Electric & Magnetic Field Probe | 9/15/2020 | Biennial | 9/15/2022 | 170WX70211 |

**Table 10. Test Equipment**