

## Appendix D. SAR Test Setup Photos

### Head Exposure Condition



Right Cheek, Test Separation 0 mm



Right Tilted, Test Separation 0 mm



Left Cheek, Test Separation 0 mm



Left Tilted, Test Separation 0 mm

**Hotspot Exposure Condition**



**Front, Test Separation 10 mm**



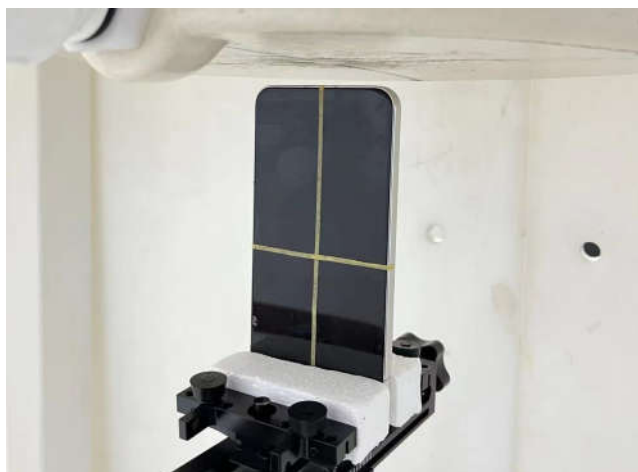
**Back, Test Separation 10 mm**



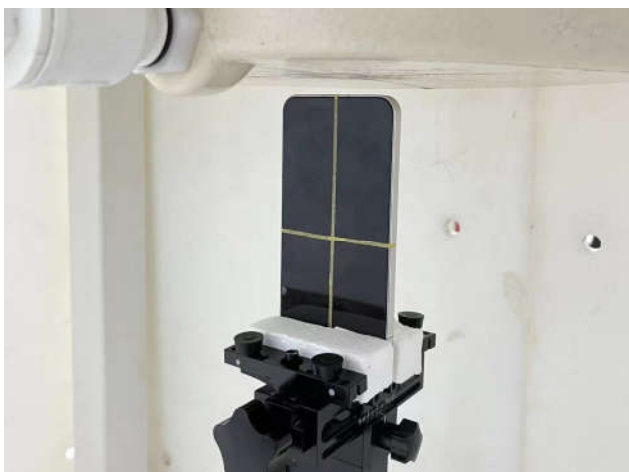
**Left Side, Test Separation 10 mm**



**Right Side, Test Separation 10 mm**



**Top Side, Test Separation 10 mm**



**Bottom Side, Test Separation 10 mm**

**Body-worn Exposure Condition**



**Front, Test Separation 15 mm**



**Back, Test Separation 15 mm**

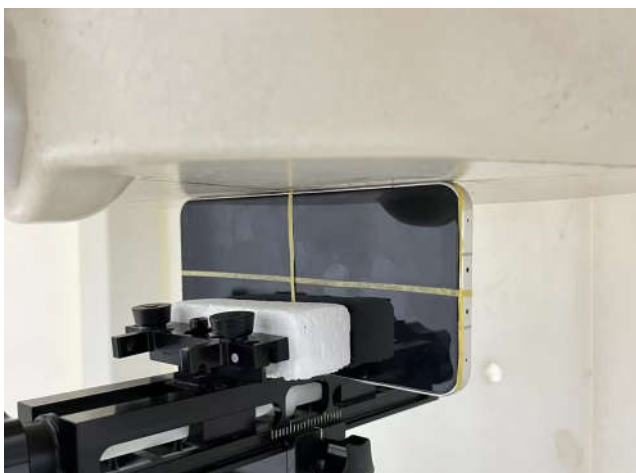
**Product Specific 10g SAR**



**Front, Test Separation 0 mm**



**Back, Test Separation 0 mm**



**Left Side, Test Separation 0 mm**



**Right Side, Test Separation 0 mm**



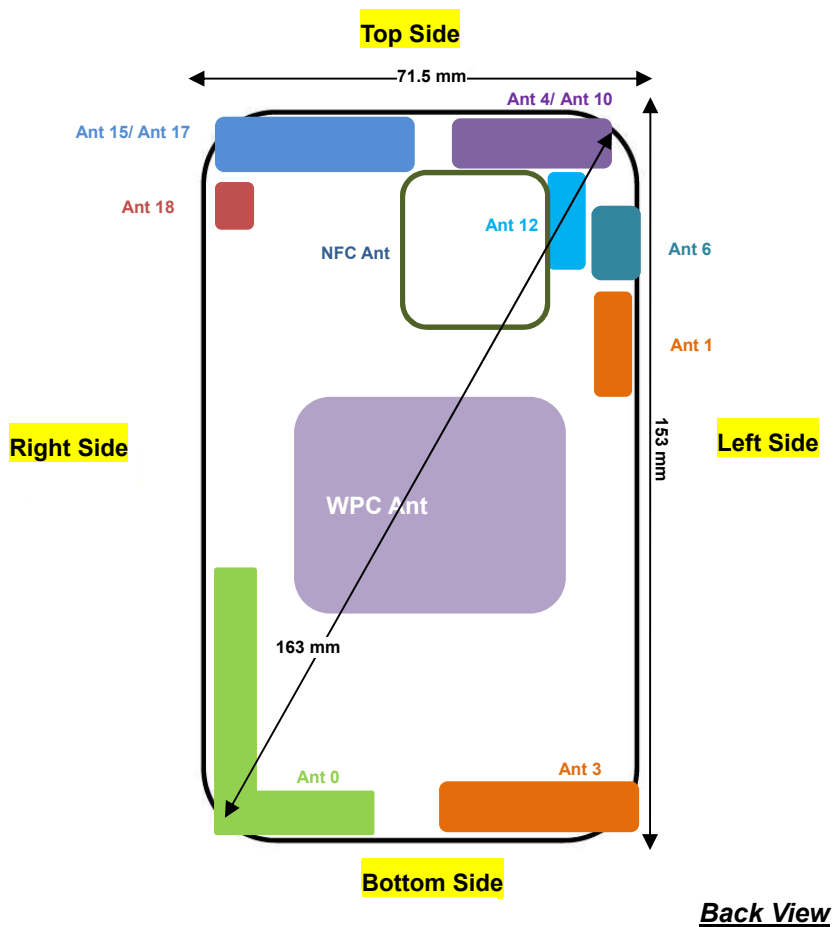
**Top Side, Test Separation 0 mm**

**<Sensor off>**



**Back, Test Separation 5 mm**

## Antenna Location





| Antenna     | Support Band                                                                                                                                                 |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Antenna 0   | GSM: 850<TX/RX><br>WCDMA: B4 / B5<TX/RX><br>LTE: B4 / B5 / B7 / B12 / B13 / B17 / B26 / B38 / B41 / B66<TX/RX><br>NR: n5 / n7 / n38 / n41 / n66 / n71<TX/RX> |
| Antenna 1   | GSM: 850<TX/RX><br>WCDMA: B5<TX/RX><br>LTE: B5 / B12 / B13 / B17 / B26 / B42 / B48<TX/RX><br>NR: n5 / n71 / n77 / n78<TX/RX>                                 |
| Antenna 3   | GSM: 1900<TX/RX><br>WCDMA: B2 / B4<TX/RX><br>LTE: B2 / B4 / B7 / B25 / B66 / B38 / B41 / B42 / B48<TX/RX><br>NR: n7 / n38 / n41 / n66 / n77/ n78<TX/RX>      |
| Antenna 4   | GSM: 1900<TX/RX><br>WCDMA: B2 / B4<TX/RX><br>LTE: B2 / B4 / B7 / B25 / B66 / B38 / B41<TX/RX><br>NR: n7 / n38 / n41 / n66<TX/RX>                             |
| Antenna 6   | WCDMA: B4<TX/RX><br>LTE: B2 / B4 / B7 / B66 / B38 / B41<TX/RX><br>NR: n7 / n38 / n41 / n66 <TX/RX>                                                           |
| Antenna 10  | LTE: B42/ B48<TX/RX><br>NR: n77/n78<TX/RX>                                                                                                                   |
| Antenna 12  | LTE: B42/ B48<TX/RX><br>NR: n77/n78<TX/RX>                                                                                                                   |
| Antenna 15  | WLAN 2.4GHz Chain 0<TX/RX><br>Bluetooth Chain 0<TX/RX>                                                                                                       |
| Antenna 17  | WLAN 5GHz/6GHz Chain 0<TX/RX>                                                                                                                                |
| Antenna 18  | WLAN 2.4GHz/5GHz/6GHz Chain 1<TX/RX><br>Bluetooth Chain 1<TX/RX>                                                                                             |
| NFC Antenna | NFC<TX/RX>                                                                                                                                                   |
| WPC Antenna | WPC<TX/RX>                                                                                                                                                   |

| Distance of the Antenna to the EUT surface/edge |        |        |          |             |            |           |
|-------------------------------------------------|--------|--------|----------|-------------|------------|-----------|
| Antennas                                        | Back   | Front  | Top Side | Bottom Side | Right Side | Left Side |
| Antenna 0                                       | ≤ 25mm | ≤ 25mm | >25mm    | ≤ 25mm      | ≤ 25mm     | >25mm     |
| Antenna 1                                       | ≤ 25mm | ≤ 25mm | >25mm    | >25mm       | >25mm      | ≤ 25mm    |
| Antenna 3                                       | ≤ 25mm | ≤ 25mm | >25mm    | ≤ 25mm      | >25mm      | ≤ 25mm    |
| Antenna 4                                       | ≤ 25mm | ≤ 25mm | ≤ 25mm   | > 25mm      | > 25mm     | ≤ 25mm    |
| Antenna 6                                       | ≤ 25mm | ≤ 25mm | ≤ 25mm   | >25mm       | >25mm      | ≤ 25mm    |
| Antenna 10                                      | ≤ 25mm | ≤ 25mm | ≤ 25mm   | > 25mm      | > 25mm     | ≤ 25mm    |
| Antenna 12                                      | ≤ 25mm | ≤ 25mm | ≤ 25mm   | >25mm       | >25mm      | ≤ 25mm    |
| Antenna 15                                      | ≤ 25mm | ≤ 25mm | ≤ 25mm   | >25mm       | ≤ 25mm     | >25mm     |
| Antenna 17                                      | ≤ 25mm | ≤ 25mm | ≤ 25mm   | >25mm       | ≤ 25mm     | >25mm     |
| Antenna 18                                      | ≤ 25mm | ≤ 25mm | ≤ 25mm   | >25mm       | ≤ 25mm     | >25mm     |

| Distance of the Antenna to the EUT surface/edge |      |       |          |             |            |           |
|-------------------------------------------------|------|-------|----------|-------------|------------|-----------|
| Antennas                                        | Back | Front | Top Side | Bottom Side | Right Side | Left Side |
| Antenna 0                                       | Yes  | Yes   | No       | Yes         | Yes        | No        |
| Antenna 1                                       | Yes  | Yes   | No       | No          | No         | Yes       |
| Antenna 3                                       | Yes  | Yes   | No       | Yes         | No         | Yes       |
| Antenna 4                                       | Yes  | Yes   | Yes      | No          | No         | Yes       |
| Antenna 6                                       | Yes  | Yes   | Yes      | No          | No         | Yes       |
| Antenna 10                                      | Yes  | Yes   | Yes      | No          | No         | Yes       |
| Antenna 12                                      | Yes  | Yes   | Yes      | No          | No         | Yes       |
| Antenna 15                                      | Yes  | Yes   | Yes      | No          | Yes        | No        |
| Antenna 17                                      | Yes  | Yes   | Yes      | No          | Yes        | No        |
| Antenna 18                                      | Yes  | Yes   | Yes      | No          | Yes        | No        |

*Note:* Referring to KDB 941225 D06 v02r01, when the overall device length and width are ≥ 9cm\*5cm, the test distance is 10 mm. SAR must be measured for all sides and surfaces with a transmitting antenna located within 25mm from that surface or edge.