

## 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

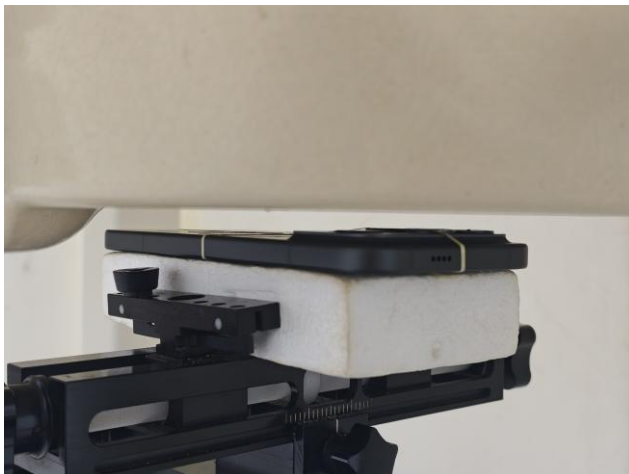


Left Tilted, Test Separation 0 mm

**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 5 mm**



**Back, Test Separation 5 mm**

**Sensor off**



**Front, Test Separation 15 mm**



**Back, Test Separation 15 mm**

**Product Specific 10g SAR**



**Front, Test Separation 0 mm**



**Back, Test Separation 0 mm**



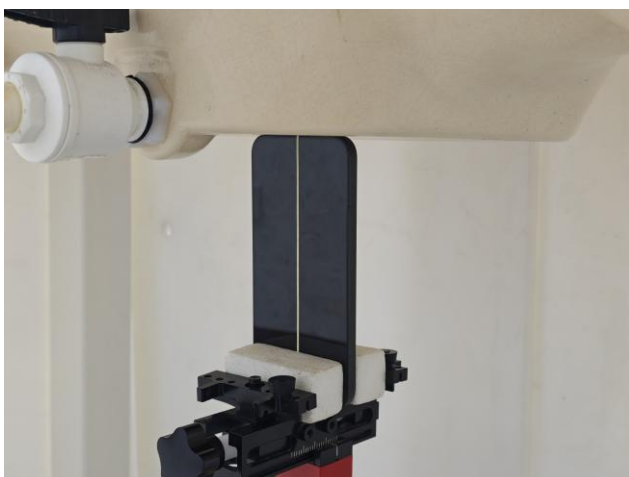
**Left Side, Test Separation 0 mm**



**Right Side, Test Separation 0 mm**

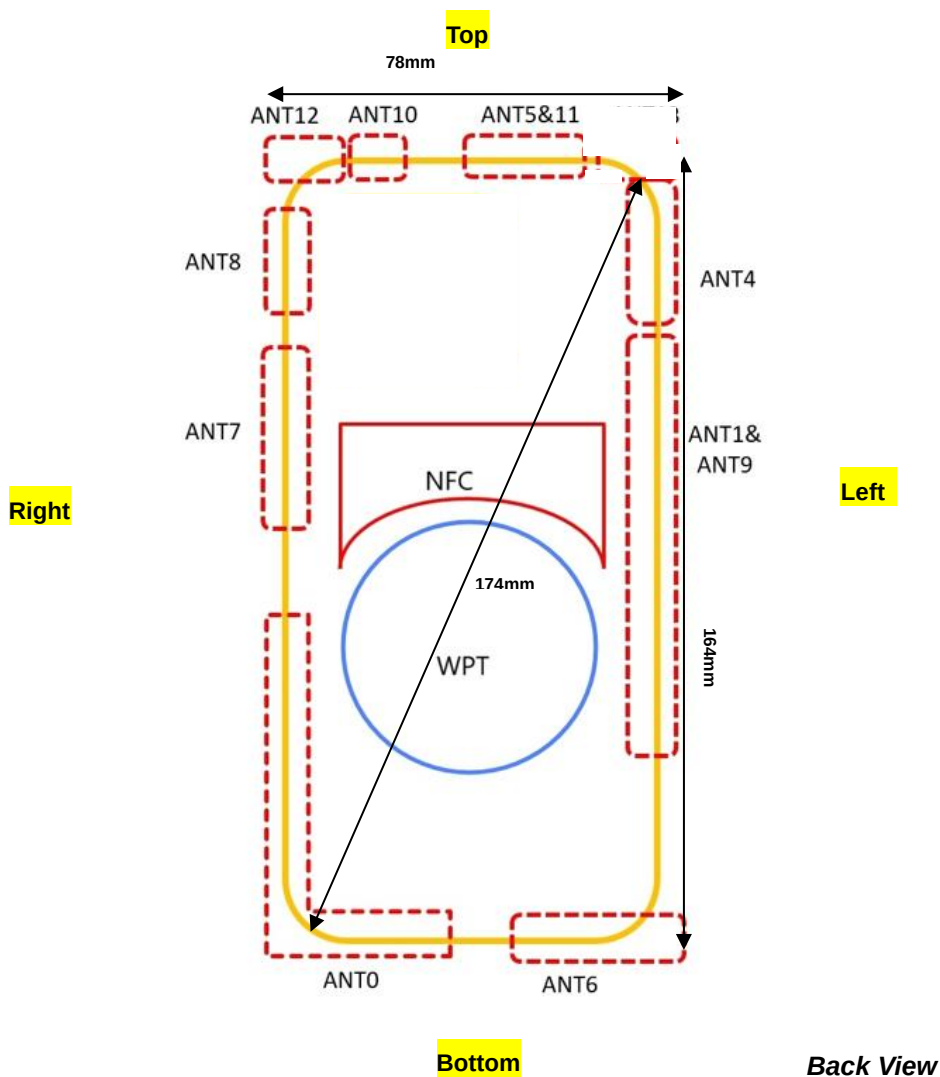


**Top Side, Test Separation 0 mm**



**Bottom Side, Test Separation 0 mm**

## Antenna Location



| Antenna   | Support Band                                                                                        |
|-----------|-----------------------------------------------------------------------------------------------------|
| Antenna 0 | GSM: 850<TX/RX><br>UMTS: B5<TX/RX><br>LTE: B5/26/71<TX/RX><br>5G NR: n5/26/n71<TX/RX>               |
| Antenna 1 | GSM: 850<TX/RX><br>UMTS: B5<TX/RX><br>LTE: B5/26/71<TX/RX><br>5G NR: n5/26/n71<TX/RX>               |
| Antenna 4 | GSM: 1900<TX/RX><br>UMTS: B2/4<TX/RX><br>LTE: B2/4/7/38/41/66<TX/RX><br>5G NR: n2/7/38/41/66<TX/RX> |
| Antenna 5 | UMTS: B4<TX/RX><br>LTE: B2/4/7/38/41/66<TX/RX><br>5G NR: n7/38/41/66<TX/RX>                         |
| Antenna 6 | GSM: 1900<TX/RX><br>UMTS: B2/4<TX/RX><br>LTE: B2/4/7/38/41/66<TX/RX><br>5G NR: n2/7/38/41/66<TX/RX> |
| Antenna 7 | UMTS: B4<TX/RX>                                                                                     |

|             |                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------|
|             | LTE: B4/7/38/41/66<TX/RX><br>5G NR: n7/38/41/66<TX/RX><br>WLAN 2.4GHz <TX/RX><br>Bluetooth <TX/RX> |
| Antenna 8   | LTE: B42/48 <TX/RX><br>NR: n77/n78/48 <TX/RX><br>WLAN 5GHz<TX/RX>                                  |
| Antenna 9   | LTE: B42/48 <TX/RX><br>NR: n77/n78/48 <TX/RX>                                                      |
| Antenna 10  | LTE: B42/48 <TX/RX><br>NR: n77/n78/48 <TX/RX><br>WLAN 5GHz <TX/RX>                                 |
| Antenna 11  | LTE: B42/48 <TX/RX><br>NR: n77/n78/48 <TX/RX>                                                      |
| Antenna 12  | WLAN 2.4GHz <TX/RX><br>Bluetooth <TX/RX>                                                           |
| NFC Antenna | NFC<TX/RX>                                                                                         |
| WPT Antenna | WPT<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 4                                       | ≤ 25mm | ≤ 25mm | ≤ 25mm   | >25mm       | >25mm      | ≤ 25mm    |
| Antenna 5                                       | ≤ 25mm | ≤ 25mm | ≤ 25mm   | >25mm       | >25mm      | ≤ 25mm    |
| Antenna 6                                       | ≤ 25mm | ≤ 25mm | >25mm    | ≤ 25mm      | >25mm      | ≤ 25mm    |
| Antenna 7                                       | ≤ 25mm | ≤ 25mm | >25mm    | >25mm       | ≤ 25mm     | >25mm     |
| Antenna 8                                       | ≤ 25mm | ≤ 25mm | ≤ 25mm   | >25mm       | ≤ 25mm     | >25mm     |
| Antenna 9                                       | ≤ 25mm | ≤ 25mm | >25mm    | >25mm       | >25mm      | ≤ 25mm    |
| Antenna 10                                      | ≤ 25mm | ≤ 25mm | ≤ 25mm   | >25mm       | ≤ 25mm     | >25mm     |
| Antenna 11                                      | ≤ 25mm | ≤ 25mm | ≤ 25mm   | >25mm       | >25mm      | ≤ 25mm    |
| Antenna 12                                      | ≤ 25mm | ≤ 25mm | ≤ 25mm   | >25mm       | ≤ 25mm     | >25mm     |
| NFC Antenna                                     | ≤ 25mm | ≤ 25mm | >25mm    | >25mm       | ≤ 25mm     | ≤ 25mm    |

| Positions for SAR tests; Hotspot mode |      |       |          |             |            |           |
|---------------------------------------|------|-------|----------|-------------|------------|-----------|
| 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 4                             | Yes  | Yes   | Yes      | No          | No         | Yes       |
| Antenna 5                             | Yes  | Yes   | Yes      | No          | No         | Yes       |
| Antenna 6                             | Yes  | Yes   | No       | Yes         | No         | Yes       |
| Antenna 7                             | Yes  | Yes   | No       | No          | Yes        | No        |
| Antenna 8                             | Yes  | Yes   | Yes      | No          | Yes        | No        |
| Antenna 9                             | Yes  | Yes   | No       | No          | No         | Yes       |
| Antenna 10                            | Yes  | Yes   | Yes      | No          | Yes        | No        |
| Antenna 11                            | Yes  | Yes   | Yes      | No          | No         | Yes       |
| Antenna 12                            | Yes  | Yes   | Yes      | No          | Yes        | No        |
| NFC Antenna                           | Yes  | Yes   | No       | No          | Yes        | Yes       |

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.