

## Appendix D. SAR Test Setup Photos

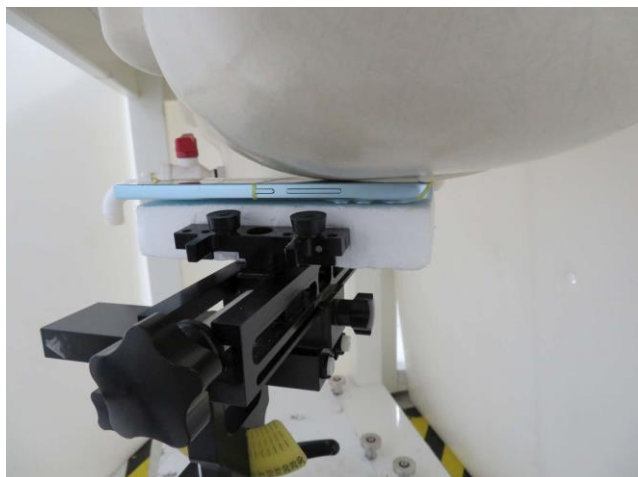
### Head Exposure Condition



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**



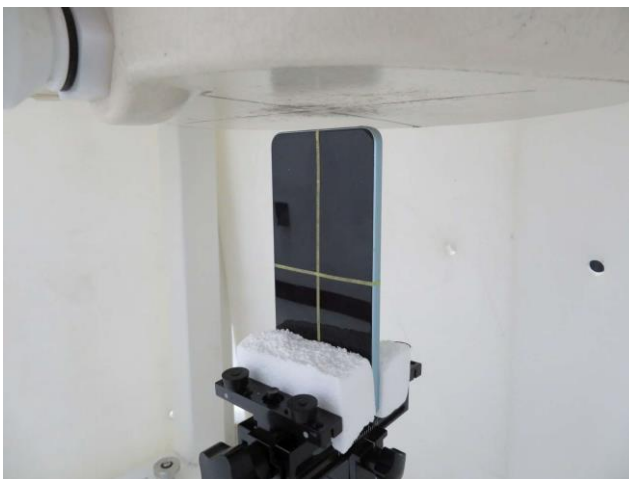
**Left Side, Test Separation 10 mm**



**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**



**Top Side, Test Separation 0 mm**



**Right Side, Test Separation 0 mm**

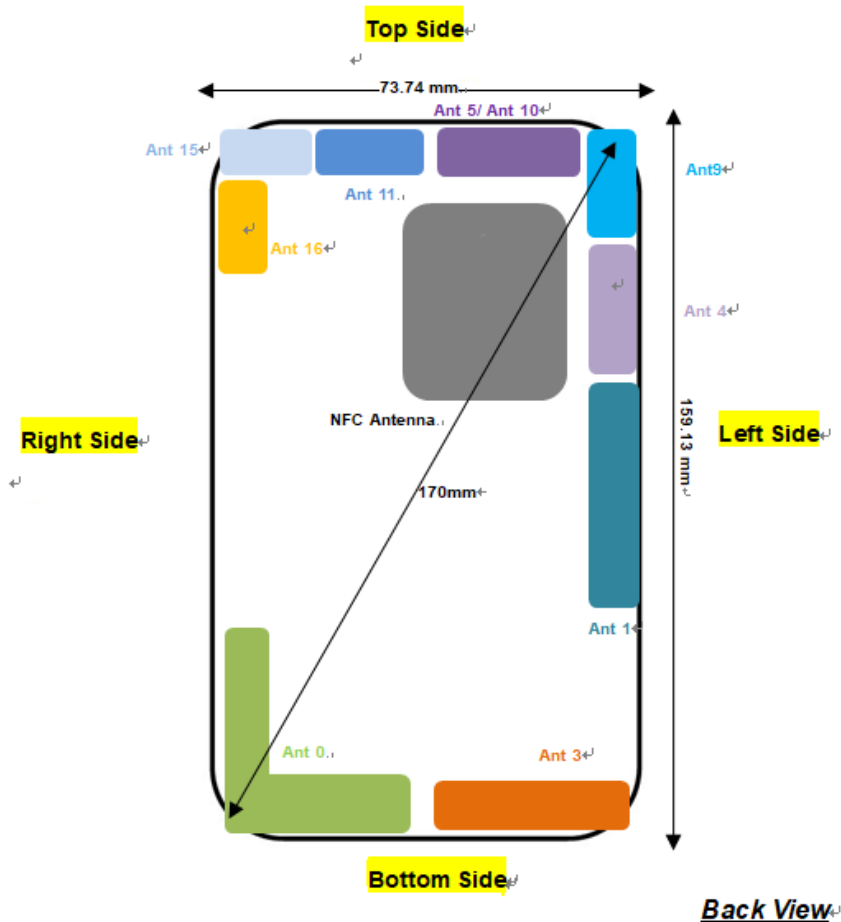


**Left Side, Test Separation 0 mm**



**Bottom Side, Test Separation 0 mm**

## Antenna Location



| Antenna    | Support Band                                                                                                                                  |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Antenna 0  | GSM: 850<br>WCDMA: B5<br>LTE: B4 / B5 / B7 / B12 / B13 / B17 / B26 / B38 / B41 / B42 / B48 / B66<br>NR: n5 / n7 / n38 / n41 / n66 / n77 / n78 |
| Antenna 1  | GSM: 850<br>WCDMA: B5<br>LTE: B5 / B12 / B13 / B17 / B26<br>NR: n5                                                                            |
| Antenna 3  | GSM: 1900<br>WCDMA: B2 / B4<br>LTE: B2 / B4 / B7 / B66 / B38 / B41<br>NR: n7 / n38 / n41 / n66                                                |
| Antenna 4  | LTE: B2 / B4 / B7 / B66 / B38 / B41<br>NR: n7 / n38 / n41 / n66                                                                               |
| Antenna 5  | GSM: 1900<br>WCDMA: B2 / B4<br>LTE: B4 / B7 / B66 / B38 / B41<br>NR: n7 / n38 / n41 / n66                                                     |
| Antenna 9  | LTE: B42 / B48<br>NR: n77/n78                                                                                                                 |
| Antenna 10 | LTE: B42 / B48<br>NR: n77/n78                                                                                                                 |
| Antenna 11 | LTE: B42 / B48<br>NR: n77/n78                                                                                                                 |



|             |                                               |
|-------------|-----------------------------------------------|
| Antenna 15  | WLAN 2.4GHz/5GHz Chain 0<br>Bluetooth Chain 0 |
| Antenna 16  | WLAN 2.4GHz/5GHz Chain 1<br>Bluetooth Chain 1 |
| NFC Antenna | NFC                                           |

| 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 5/10                                    | ≤ 25mm | ≤ 25mm | ≤ 25mm   | >25mm       | >25mm      | ≤ 25mm    |
| Antenna 9                                       | ≤ 25mm | ≤ 25mm | ≤ 25mm   | >25mm       | >25mm      | ≤ 25mm    |
| Antenna 11                                      | ≤ 25mm | ≤ 25mm | ≤ 25mm   | >25mm       | ≤ 25mm     | >25mm     |
| Antenna 15                                      | ≤ 25mm | ≤ 25mm | ≤ 25mm   | >25mm       | ≤ 25mm     | >25mm     |
| Antenna 16                                      | ≤ 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 3                             | Yes  | Yes   | No       | Yes         | No         | Yes       |
| Antenna 4                             | Yes  | Yes   | Yes      | No          | No         | Yes       |
| Antenna 5/10                          | Yes  | Yes   | Yes      | No          | No         | Yes       |
| Antenna 9                             | Yes  | Yes   | Yes      | No          | No         | Yes       |
| Antenna 11                            | Yes  | Yes   | Yes      | No          | Yes        | No        |
| Antenna 15                            | Yes  | Yes   | Yes      | No          | Yes        | No        |
| Antenna 16                            | 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.