

Appendix D. SAR Test Setup Photos

Head Exposure Condition



Right Cheek, Test Separation 0 mm



Right Tilted, Test Separation 0 mm

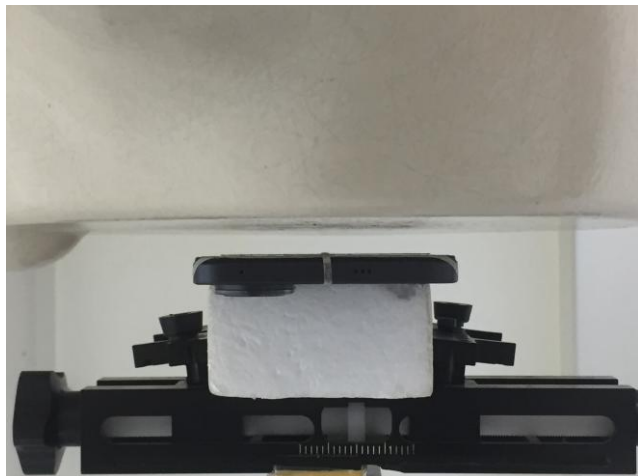


Left Cheek, Test Separation 0 mm



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

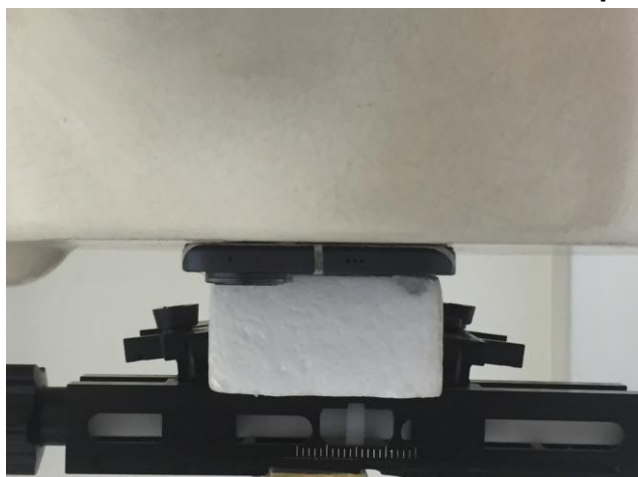


Front, Test Separation 15 mm



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

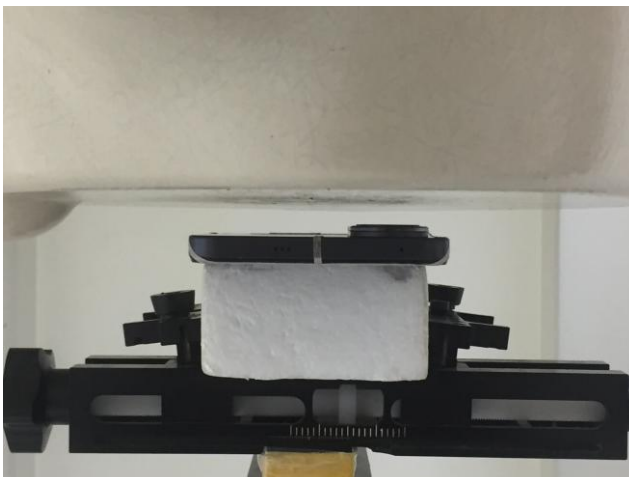


Left Side, Test Separation 0 mm

Sensor off



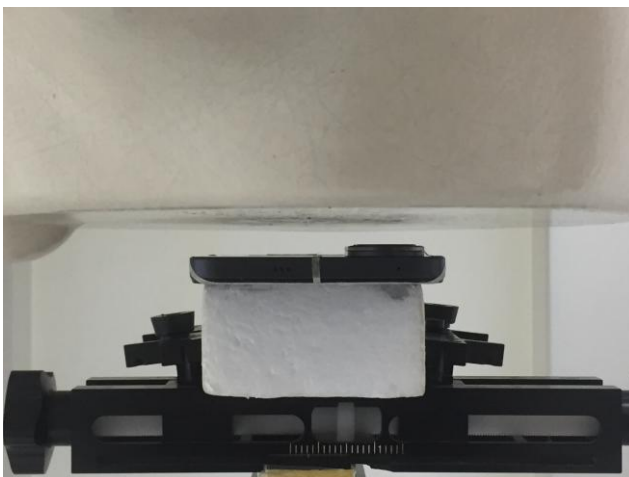
Left Side, Test Separation 15 mm



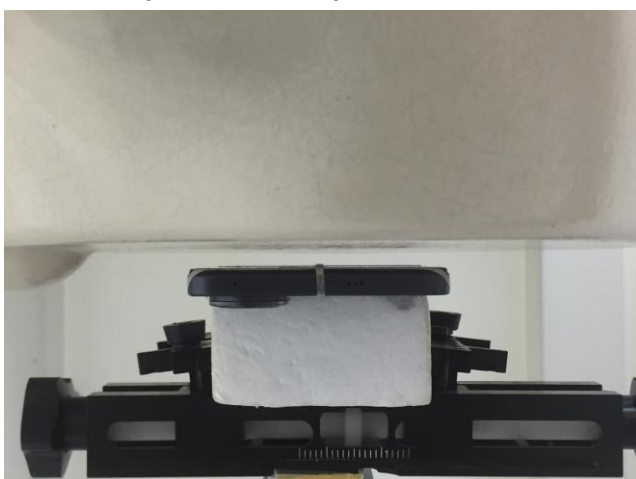
Back, Test Separation 12 mm



Top Side, Test Separation 14 mm



Back, Test Separation 13 mm



Front, Test Separation 7 mm

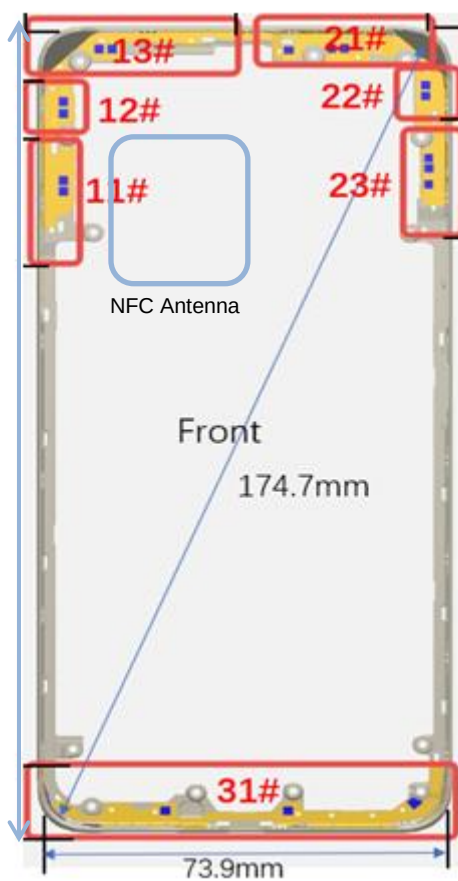
Antenna Location

Top Side

Left Side

Right Side

162mm



Bottom Side

Front View

Antenna	Supported Band
Ant 11	LTE: B2/B4/B7/B38/B41/B42/B66 <TX/RX> 5G NR: n2/n7/n38/n41/n66/n77/n78<TX/RX>
Ant 12	LTE: B42 <TX/RX> 5G NR: n77/n78 <TX/RX>
Ant 13	GSM: 850/1900<TX/RX> WCDMA: B2/B4/B5 <TX/RX> LTE: B2/B4/B5/B7/B12/B13/B17/B26/B38/B41/B66<TX/RX> 5G NR: n2/n5/n7/n26/n38/n41/n66 <TX/RX>
Ant 21	LTE: B42 <TX/RX> 5G NR:n77/n78 <TX/RX>
Ant 23	LTE: B42 <TX/RX> 5G NR:n77/n78 <TX/RX>
Ant 31	GSM: 850/1900<TX/RX> WCDMA: B2/B4/B5 <TX/RX> LTE: B2/B4/B5/B7/B12/B13/B17/B26/B38/B41/B66<TX/RX> 5G NR: n2/n5/n7/n26/n38/n41/n66 <TX/RX>
Ant 22	WLAN 2.4GHz<TX/RX> Bluetooth <TX/RX> WLAN 5GHz<TX/RX>
NFC	NFC<TX/RX>

Distance of the Antenna to the EUT surface/edge						
Antennas	Back	Front	Top Side	Bottom Side	Right Side	Left Side
Ant 11	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	>25mm	≤ 25mm
Ant 12	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	>25mm	≤ 25mm
Ant 13	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	>25mm	≤ 25mm
Ant 21	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	>25mm
Ant 23	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	>25mm
Ant 31	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	≤ 25mm	≤ 25mm
Ant 22	≤ 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
Ant 11	Yes	Yes	Yes	No	No	Yes
Ant 12	Yes	Yes	Yes	No	No	Yes
Ant 13	Yes	Yes	Yes	No	No	Yes
Ant 21	Yes	Yes	Yes	No	Yes	No
Ant 23	Yes	Yes	Yes	No	Yes	No
Ant 31	Yes	Yes	No	Yes	Yes	Yes
Ant 22	Yes	Yes	Yes	No	Yes	No
NFC Antenna	Yes	Yes	Yes	No	No	Yes

General Note:

Referring to KDB 941225 D06 v02r01, when the overall device length and width are $\geq 9\text{cm} \times 5\text{cm}$, 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.