

Appendix D. SAR Test Setup Photos

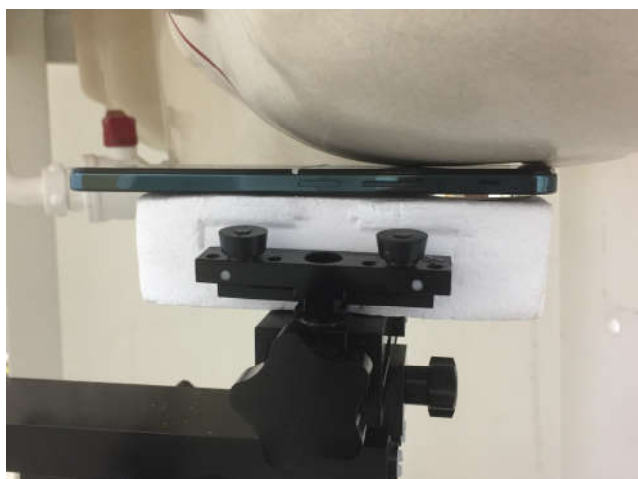
Head Exposure Condition



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 12 mm

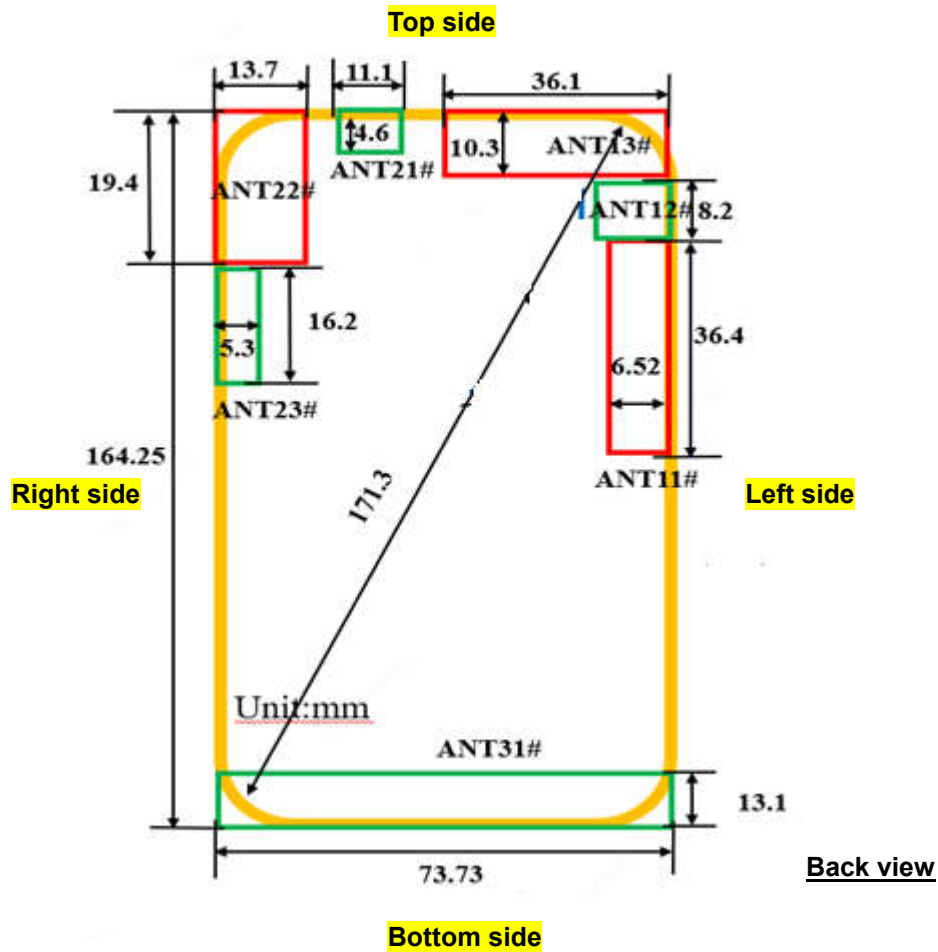


Left Side, Test Separation 9 mm



Top Side, Test Separation 13 mm

Antenna Location



Note: The antenna location view is viewed from back side of the EUT. For the top/bottom/left/right side is viewed from the front side of the EUT.

Antenna	Support Band
Antenna 11	LTE B4/7/38/41/66<TX/RX> NR: n2/n7/n38/n41/n66/n77/n78 <TX/RX>
Antenna 12	NR: n77/n78 <TX/RX>
Antenna 13	GSM850/1900<TX/RX> WCDMA B2/4/5 <TX/RX> LTE B2/4/5/7/12/13/17/26/38/41/66<TX/RX> NR: n2/n5/n7/n26/n38/n41/n66 <TX/RX>
Antenna 21	NR: n77/n78 <RX>
Antenna 22	WIFI 5GHz/2.4GHz/Bluetooth <TX/RX>
Antenna 23	NR: n77/n78 <RX>
Antenna 31	GSM850/1900<TX/RX> WCDMA B2/4/5 <TX/RX> LTE B2/4/5/7/12/13/17/26/38/41/66<TX/RX> NR: n5/n7/n26/n38/n41/n66 <TX/RX>

Note:

- 5GNR n77/n78 at Ant 21/23 support SRS(Sounding Reference Signal) functionality.

Distance of the Antenna to the EUT surface/edge						
Antennas	Back	Front	Top Side	Bottom Side	Right Side	Left Side
Antenna 11	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	>25mm	≤ 25mm
Antenna 12	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	>25mm	≤ 25mm
Antenna 13	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	>25mm	≤ 25mm
Antenna 21	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	>25mm
Antenna 22	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	>25mm
Antenna 23	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	>25mm
Antenna 31	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	≤ 25mm	≤ 25mm

Positions for SAR tests; Hotspot mode						
Antennas	Back	Front	Top Side	Bottom Side	Right Side	Left Side
Antenna 11	Yes	Yes	Yes	No	No	Yes
Antenna 12	Yes	Yes	Yes	No	No	Yes
Antenna 13	Yes	Yes	Yes	No	No	Yes
Antenna 21	Yes	Yes	Yes	No	Yes	No
Antenna 22	Yes	Yes	Yes	No	Yes	No
Antenna 23	Yes	Yes	Yes	No	Yes	No
Antenna 31	Yes	Yes	No	Yes	Yes	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.