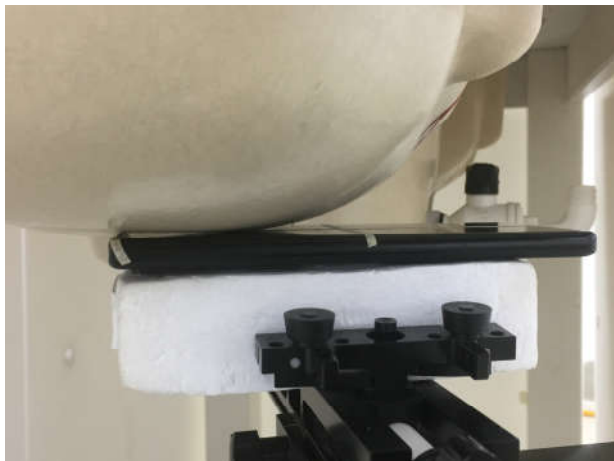
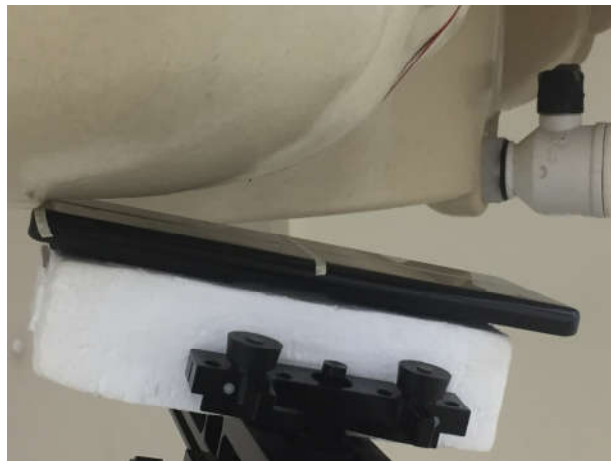


Appendix D. SAR Test Setup Photos

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



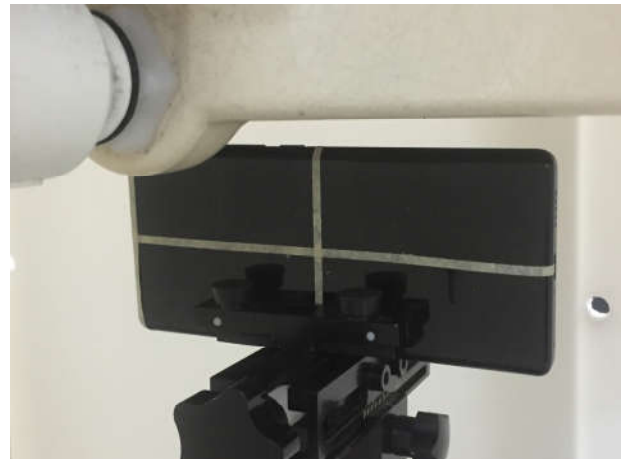
Front, Test Separation 10 mm



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

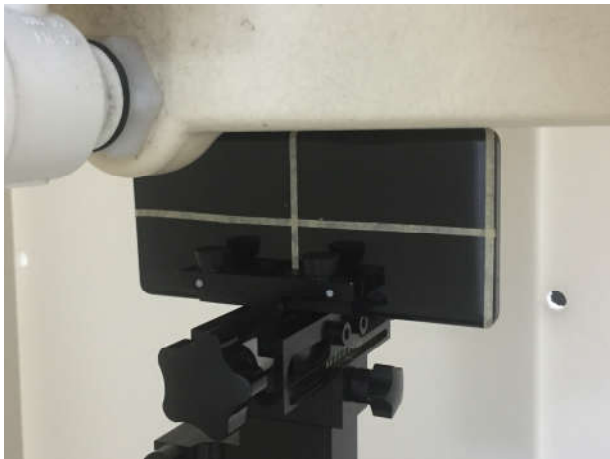
Product Specific 10g SAR



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

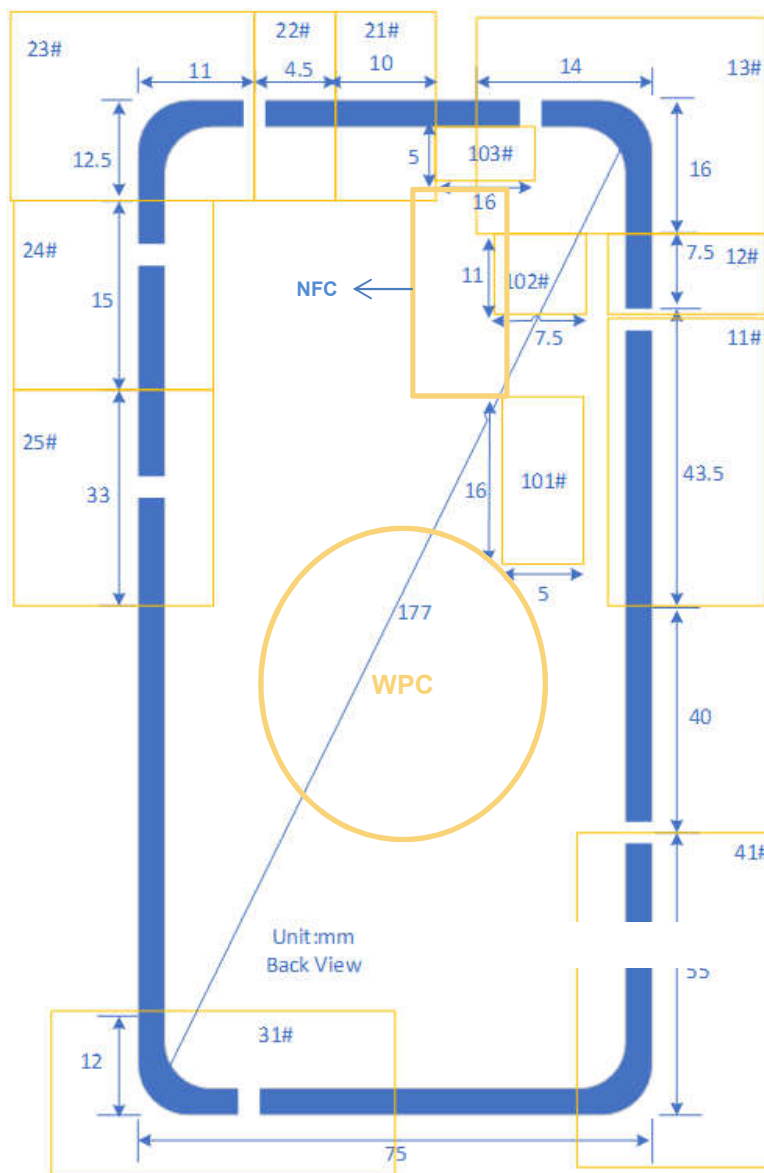


Left Side, Test Separation 12 mm(sensor off)



Top Side, Test Separation 11 mm(sensor off)

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
Ant 11	GSM:850<TX/RX> WCDMA:B5<TX/RX> CDMA:BC0<TX/RX> LTE:5/12/13/17/18/19/26<TX/RX> SA/NSA:n5<TX/RX>
Ant 12	LTE:B42<TX/RX> SA:n77/n78<TX/RX> NSA:n78<TX/RX>
Ant 13	GSM:1900<TX/RX> WCDMA:B2/4<TX/RX> LTE:B2/B4/B7/B38/B41/B66<TX/RX> SA:n2/7/38/41/66<TX/RX> NSA:n7/66<TX/RX>
Ant 101	SA/NSA:n78<RX>
Ant 103	SA/NSA:n78<RX>
Ant 23	WIFI:2.4G ch1/BT ch1/5G ch0<TX/RX>
Ant 24	WIFI:2.4G ch0/BT ch0/5G ch1<TX/RX> LTE:B42<TX/RX> SA: n77/n78<TX/RX> NSA: n78<TX/RX>
Ant 25	LTE:B2/B4/B7/B38/B41/B66<TX/RX> SA:n7/38/41/66<TX/RX>
Ant 31	GSM:1900<TX/RX> WCDMA:B2/4<TX/RX> LTE:B2/B4/B7/B38/B41/B66<TX/RX> SA:n2/7/38/41/66<TX/RX>
Ant 41	WCDMA:B5<TX/RX> CDMA:BC0<TX/RX> LTE:B5/12/13/17/18/19/26<TX/RX> SA/NSA:n5<TX/RX>
WPT Antenna	WPT<TX/RX>
NFC Antenna	NFC<TX/RX>

Note:

1. 5GNR n78 Ant 101 & Ant 103 support SRS(Sounding Reference Signal) functionality.
2. LTE B2-ant25 only for EN-DC combination.

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 101	≤ 25mm	≤ 25mm	>25mm	>25mm	>25mm	≤ 25mm
Ant 103	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	>25mm	≤ 25mm
Ant 23	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	>25mm
Ant 24	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	>25mm
Ant 25	≤ 25mm	≤ 25mm	>25mm	>25mm	≤ 25mm	>25mm
Ant 31	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	≤ 25mm	≤ 25mm
Ant 41	≤ 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 101	Yes	Yes	No	No	No	Yes
Ant 103	Yes	Yes	Yes	No	No	Yes
Ant 23	Yes	Yes	Yes	No	Yes	No
Ant 24	Yes	Yes	Yes	No	Yes	No
Ant 25	Yes	Yes	No	No	Yes	No
Ant 31	Yes	Yes	No	Yes	Yes	Yes
Ant 41	Yes	Yes	No	Yes	No	Yes

General 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.