

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



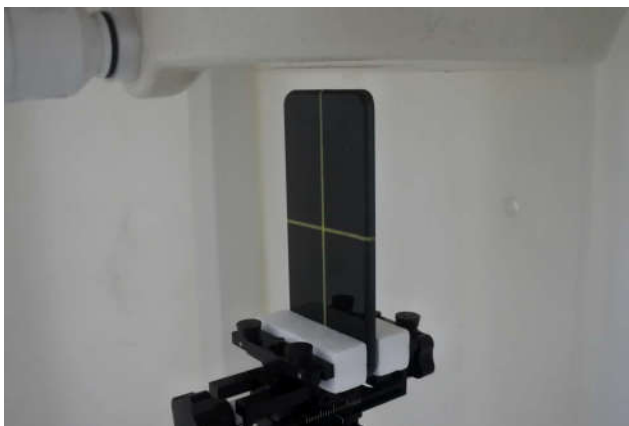
Left Side, Test Separation 10 mm



Right Side, Test Separation 10 mm



Top Side, Test Separation 10 mm



Bottom Side, Test Separation 10 mm



Front, Test Separation 15 mm(sensor off)



Back, Test Separation 15 mm(sensor off)



Top Side, Test Separation 15 mm(sensor off)



Bottom Side, Test Separation 15 mm(sensor off)

Body-worn Exposure Condition



Front, Test Separation 10 mm



Back, Test Separation 10 mm



Front, Test Separation 15 mm(sensor off)



Back, Test Separation 15 mm(sensor off)

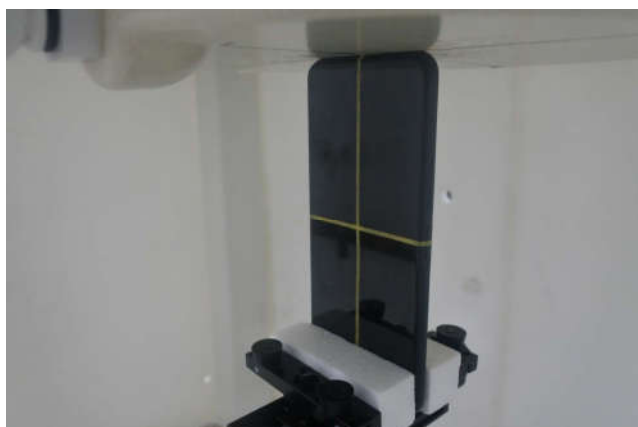
Product Specific 10g SAR



Front, Test Separation 0 mm



Back, Test Separation 0 mm

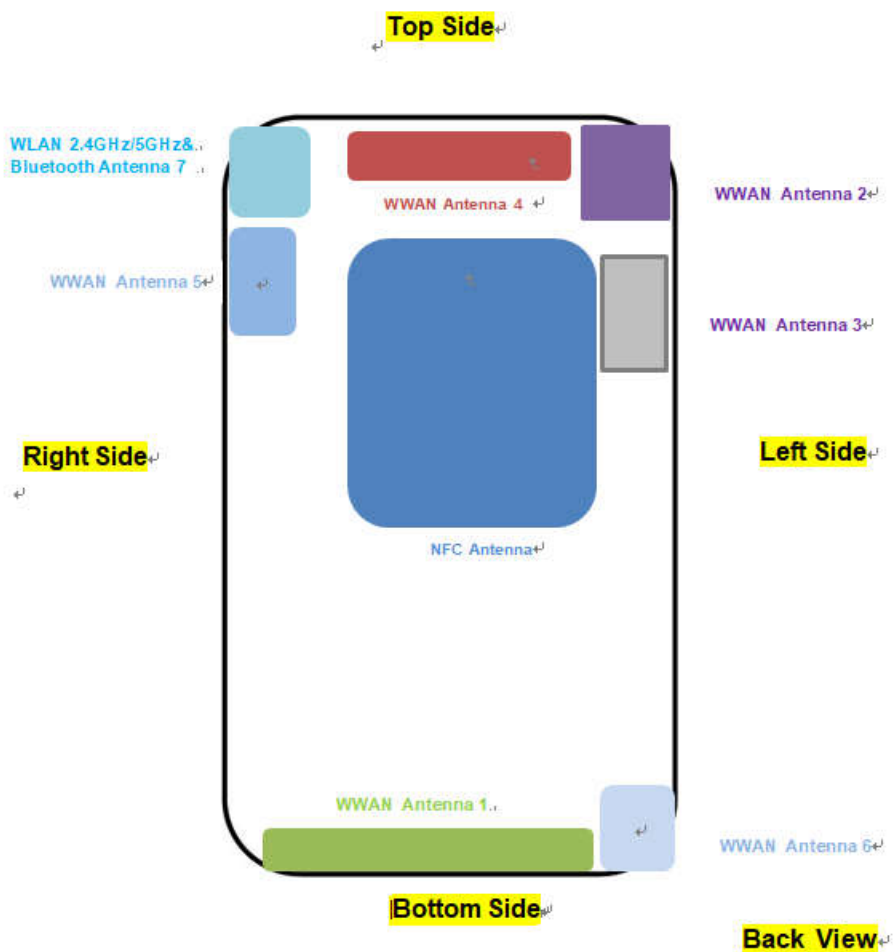


Top Side, Test Separation 0 mm



Right Side, Test Separation 0 mm

Antenna Location



Length: 163mm
Width: 77mm
Diagonal: 174mm



Antenna	Support Band
WWAN Antenna 1	TX/RX: GSM: 850/1900 WCDMA: B2/ B4/ B5 LTE: B2 / B4 / B12 / B17 / B26 / B38
WWAN Antenna 2	TX/RX: LTE: B42
WWAN Antenna 3	TX/RX: LTE: B42
WWAN Antenna 4	TX/RX: GSM: 850/1900 WCDMA: B2/ B4/ B5 LTE: B2 / B4 / B12 / B17 / B26 / B38
WWAN Antenna 5	TX/RX: LTE: B42
WWAN Antenna 6	TX/RX: LTE: B42
WLAN2.4GHz/5GHz & Bluetooth Antenna 7	TX/RX: WLAN 2.4GHz/5GHz Bluetooth
NFC Antenna	TX/RX: 13.56MHz

Distance of the Antenna to the EUT surface/edge						
Antennas	Back	Front	Top Side	Bottom Side	Right Side	Left Side
Antenna 1	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	≤ 25mm	≤ 25mm
Antenna 2	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	>25mm	≤ 25mm
Antenna 3	≤ 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

Positions for SAR tests; Hotspot mode						
Antennas	Back	Front	Top Side	Bottom Side	Right Side	Left Side
Antenna 1	Yes	Yes	No	Yes	Yes	Yes
Antenna 2	Yes	Yes	Yes	No	No	Yes
Antenna 3	Yes	Yes	Yes	No	No	Yes
Antenna 4	Yes	Yes	Yes	No	Yes	Yes
Antenna 5	Yes	Yes	Yes	No	Yes	No
Antenna 6	Yes	Yes	No	Yes	No	Yes
Antenna 7	Yes	Yes	Yes	No	Yes	No

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