

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

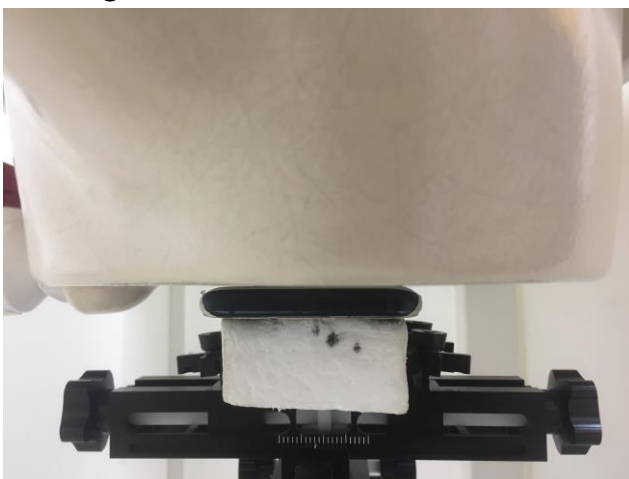


Back, Test Separation 15 mm

Product Specific 10g SAR



Front, Test Separation 0 mm



Back, Test Separation 0 mm



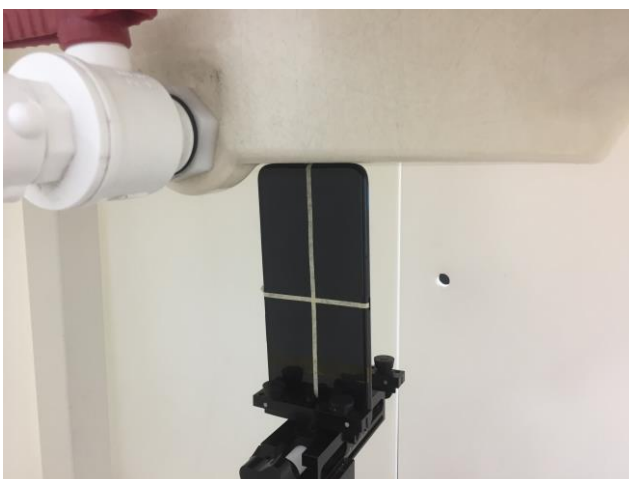
Left Side, Test Separation 0 mm



Right Side, Test Separation 0 mm

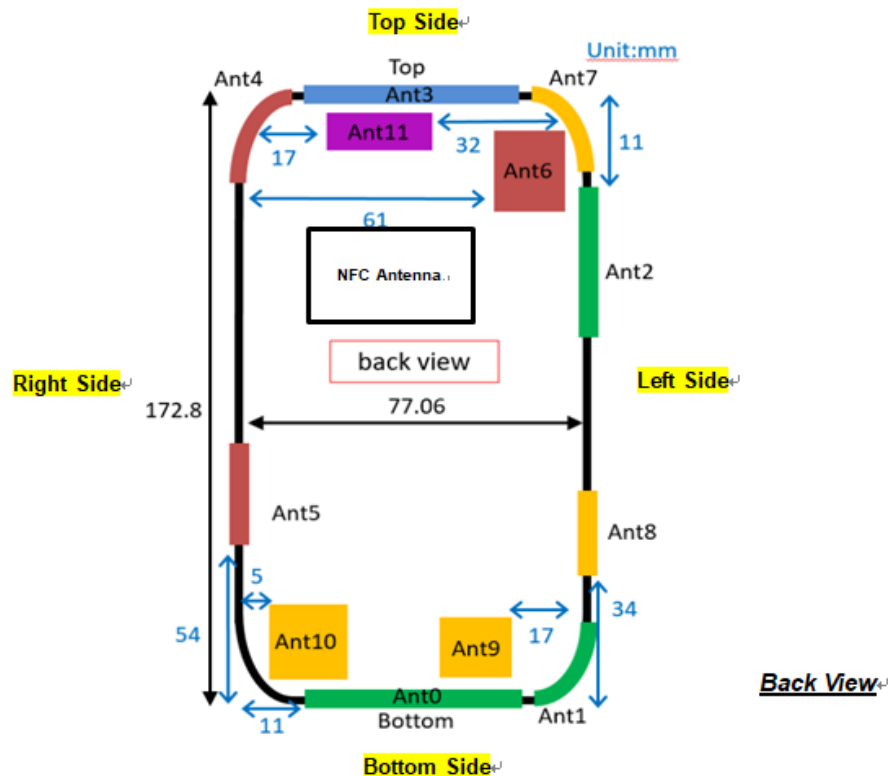


Top Side, Test Separation 0 mm



Bottom Side, Test Separation 0 mm

Antenna Location



Length: 172.8mm
Width: 77.06mm
Diagonal: 183mm

Antenna	Support Band
Antenna 0	GSM: 850<TX/RX> UMTS: B5 <TX/RX> LTE: B5/12/13/17/26/71<TX/RX> NR: n5/n12/n13/n26/n71<TX/RX>
Antenna 1	GSM: 1900<TX/RX> UMTS: B2/4 <TX/RX> LTE: B2/4/7/25/30/66/38/41<TX/RX> NR: n2/n7/n25/n66/n38/n41<TX/RX>
Antenna 2	GSM: 1900<TX/RX> UMTS: B2/4/5 <TX/RX> LTE: B2/4/5/7/12/13/17/25/26/30/66/71/38/41<TX/RX> 5G NR: n2/n5/n7/n12/n13/n25/n26/n66/n71/n38/n41<TX/RX>
Antenna 4	WLAN 2.4GHz/5GHz/6GHz/Bluetooth chain 1 <TX/RX>
Antenna 5	WLAN 2.4GHz/5GHz/6GHz/Bluetooth chain 0 <TX/RX>
Antenna 6	WLAN 2.4GHz/5GHz/6GHz/Bluetooth chain 1 <TX/RX>
Antenna 7	LTE: B48<TX/RX> 5G NR: n41/n48/n77/n78<TX/RX>
Antenna 8	LTE: B48<TX/RX> 5G NR: n41/n48/n77/n78<TX/RX>
Antenna 9	LTE: B48<TX/RX> 5G NR: n48/n77/n78<TX/RX>
Antenna 10	LTE: B48<TX/RX> 5G NR: n48/n77/n78<TX/RX>
Antenna 11	LTE: B2/4/7/66<TX/RX>
NFC Antenna	NFC<TX/RX>

Note: LTE B 2/7/66 ant 11 only for EN-DC combination and inter-band uplink CA, and LTE B4 ant 11 only for LTE inter-band uplink CA.
5G NR n41 ant 1/2 only for uplink MIMO.

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 2	≤ 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
Antenna 8	≤ 25mm	≤ 25mm	>25mm	>25mm	>25mm	≤ 25mm
Antenna 9	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	>25mm	≤ 25mm
Antenna 10	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	≤ 25mm	>25mm
Antenna 11	≤ 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
Antenna 0	Yes	Yes	No	Yes	Yes	Yes
Antenna 1	Yes	Yes	No	Yes	No	Yes
Antenna 2	Yes	Yes	Yes	No	No	Yes
Antenna 4	Yes	Yes	Yes	No	Yes	No
Antenna 5	Yes	Yes	No	No	Yes	No
Antenna 6	Yes	Yes	Yes	No	No	Yes
Antenna 7	Yes	Yes	Yes	No	No	Yes
Antenna 8	Yes	Yes	No	No	No	Yes
Antenna 9	Yes	Yes	No	Yes	No	Yes
Antenna 10	Yes	Yes	No	Yes	Yes	No
Antenna 11	Yes	Yes	Yes	No	Yes	No
NFC Antenna	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.