

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

Body-worn Exposure Condition



Front, Test Separation 15 mm



Back, Test Separation 15 mm

Product Specific 10g SAR



Front, Test Separation 0 mm



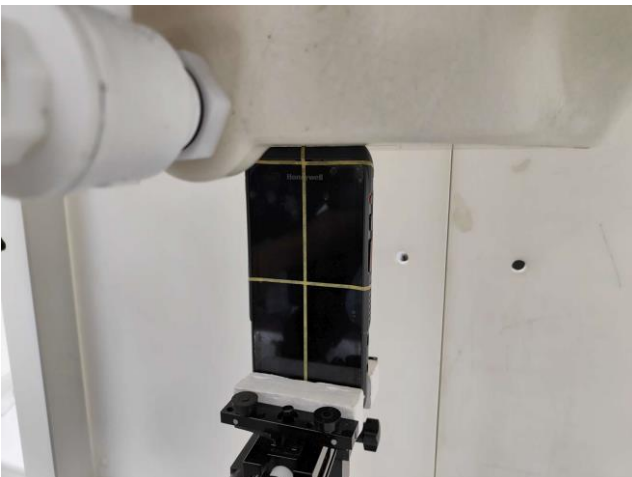
Back, Test Separation 0 mm



Left Side, Test Separation 0 mm



Right Side, Test Separation 0 mm

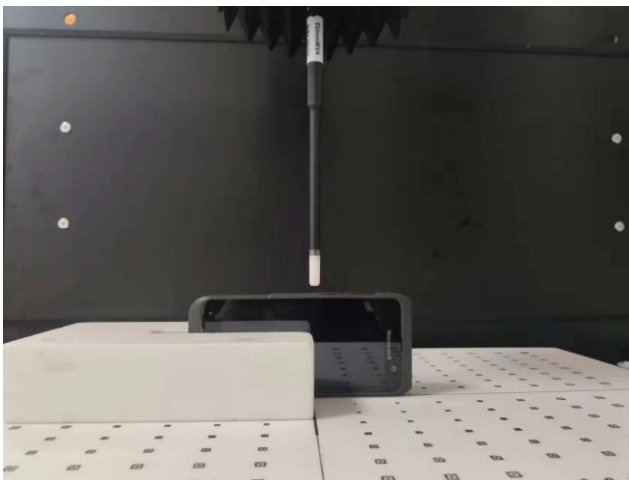


Top Side, Test Separation 0 mm

Appendix D. PD Test Setup Photos



Left Side, Test Separation 2 mm



Left Side, Test Separation 10 mm



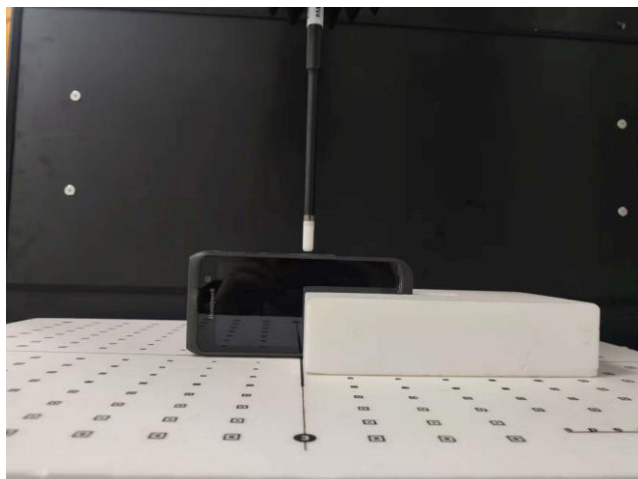
Left Side, Test Separation 8.59 mm



Front, Test Separation 2 mm



Back, Test Separation 2 mm

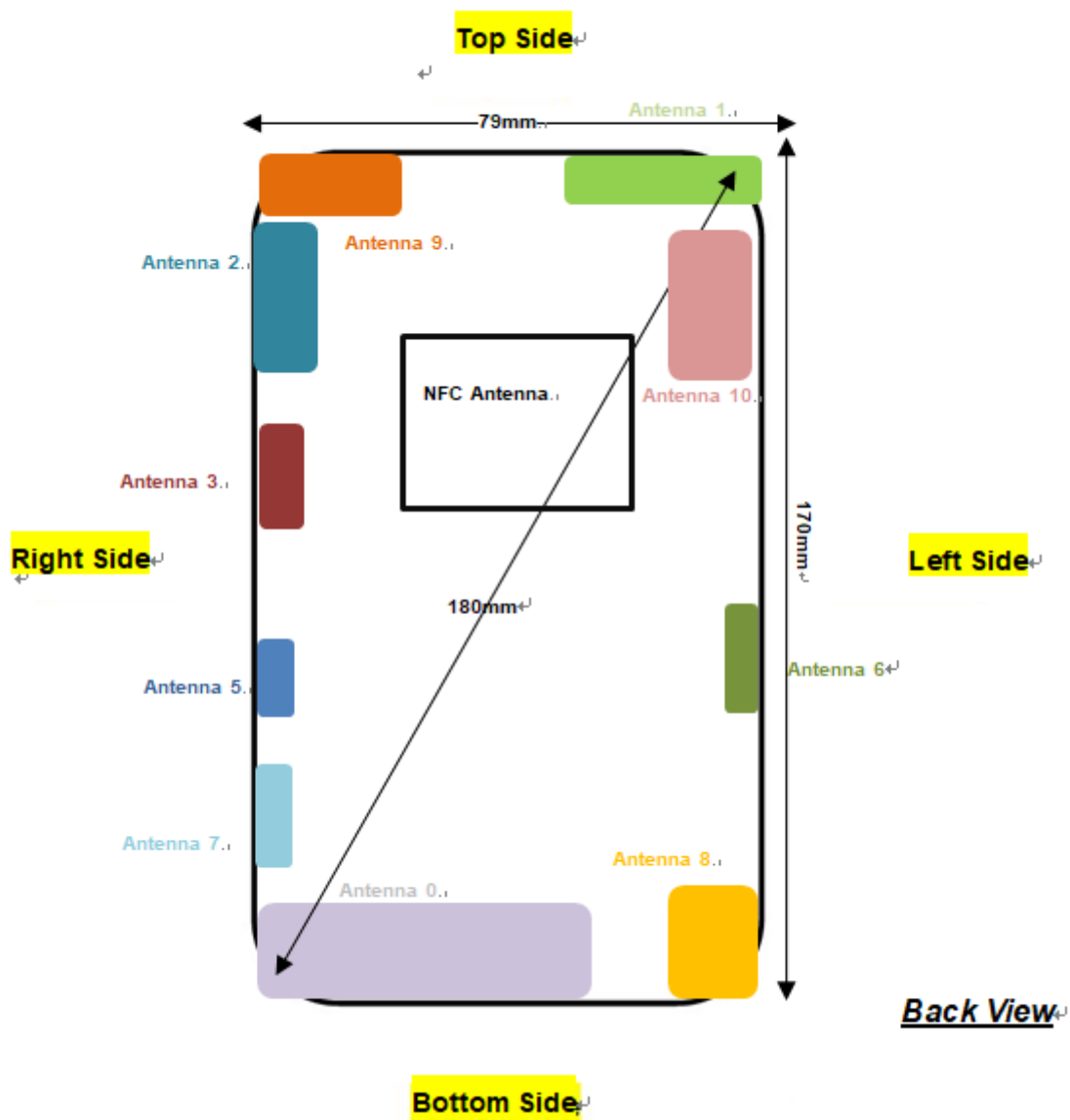


Right Side, Test Separation 2 mm



Top Side, Test Separation 2 mm

Antenna Location





Antenna	Support Band
Antenna 0	GSM: 850/1900<TX/RX> UMTS: B2/4/5<TX/RX> LTE: B2/4/5/7/12/13/14/17/25/26/30/66/71/38/41<TX/RX> 5G NR: n2/5/12/14/25/30/66/71<TX/RX>
Antenna 1	GSM: 850/1900<TX/RX> UMTS: B2/4/5<TX/RX> LTE: B2/4/5/12/13/14/17/25/26/30/66/71<TX/RX> 5G NR: n2/5/12/14/25/30/66/71<TX/RX>
Antenna 2	LTE: B2/30/66<TX/RX> 5G NR: n38/41/48/77/78<RX>
Antenna 3	5G NR: n48/77/78<RX>
Antenna 5	LTE: B7<TX/RX> 5G NR: n7/38/41<TX/RX>
Antenna 6	LTE: B7<TX/RX> 5G NR: n41<TX/RX> 5G NR: n38 <RX>
Antenna 7	LTE: B48<TX/RX> 5G NR: n48/n77/78<TX/RX>
Antenna 8	LTE: B42/43/48<TX/RX> 5G NR: n48/n77/78<TX/RX> 5G NR: n38/n41<RX>
Antenna 9	WLAN 2.4GHz<TX/RX> WLAN 5GHz/6GHz<TX/RX> Bluetooth<TX/RX>
Antenna 10	WLAN 2.4GHz<TX/RX> WLAN 5GHz/6GHz<TX/RX>
NFC Antenna	NFC<TX/RX>

Note:

1. LTE Band 2/30/66 ant 2, LTE B48 ant7 was limited to EN-DC combination only.
2. LTE Band 7 ant 5/6 was limited to CA combination only.
3. 5GNR n38 at Ant 2/6/8, n41 Ant 2/8 and n48/n77&n78 Ant 2/3 supports 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 0	≤ 25mm	≤ 25mm	>25mm	≤ 25mm	≤ 25mm	≤ 25mm
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 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

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	Yes	No	No	Yes
Antenna 2	Yes	Yes	Yes	No	Yes	No
Antenna 3	Yes	Yes	No	No	Yes	No
Antenna 5	Yes	Yes	No	No	Yes	No
Antenna 6	Yes	Yes	No	No	No	Yes
Antenna 7	Yes	Yes	No	Yes	Yes	No
Antenna 8	Yes	Yes	No	Yes	No	Yes
Antenna 9	Yes	Yes	Yes	No	Yes	No
Antenna 10	Yes	Yes	Yes	No	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