

Appendix D. SAR Test Setup Photos

Head Exposure Condition



Right Cheek, Test Separation 0 mm



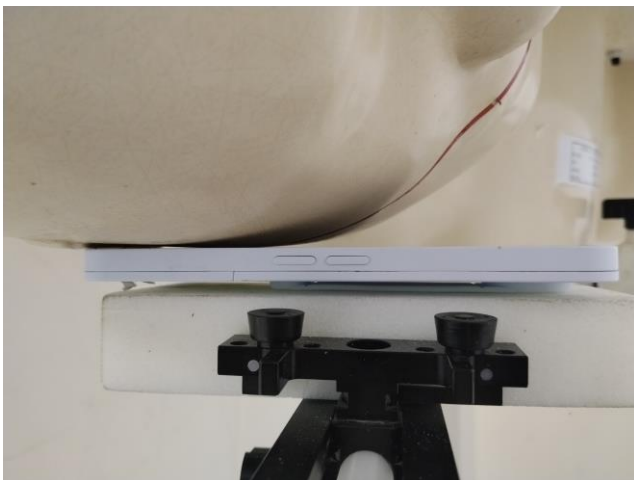
Right Tilted, Test Separation 0 mm



Left Cheek, Test Separation 0mm



Left Tilted, Test Separation 0 mm



Right Cheek with Palm ring, Test Separation 0 mm



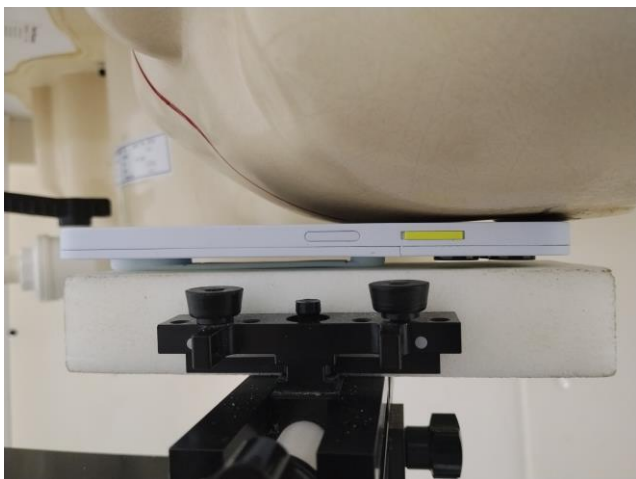
Right Cheek with Lanyard, Test Separation 0 mm



Right Tilted with Palm ring, Test Separation 0 mm



Right Tilted with Lanyard, Test Separation 0 mm



Left Cheek with Palm ring, Test Separation 0 mm



Left Cheek with Lanyard, 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 with Palm ring, Test Separation 10 mm



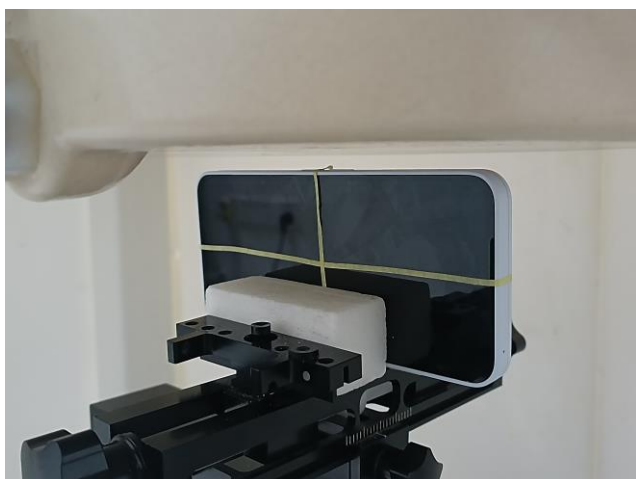
Front with Lanyard, Test Separation 10 mm



Back with Palm ring, Test Separation 10 mm



Back with Lanyard, Test Separation 10 mm



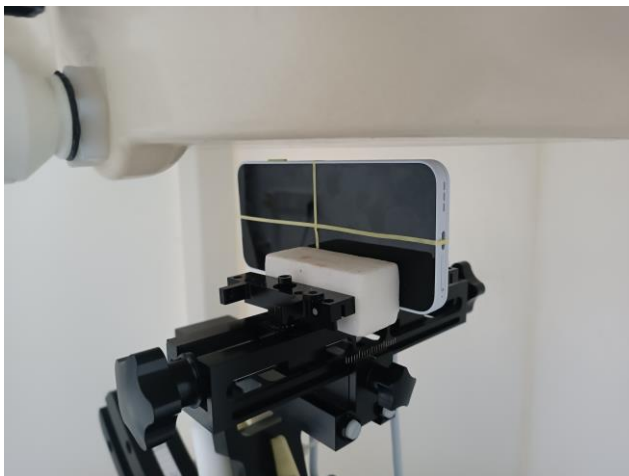
Left Side with Palm ring, Test Separation 10 mm



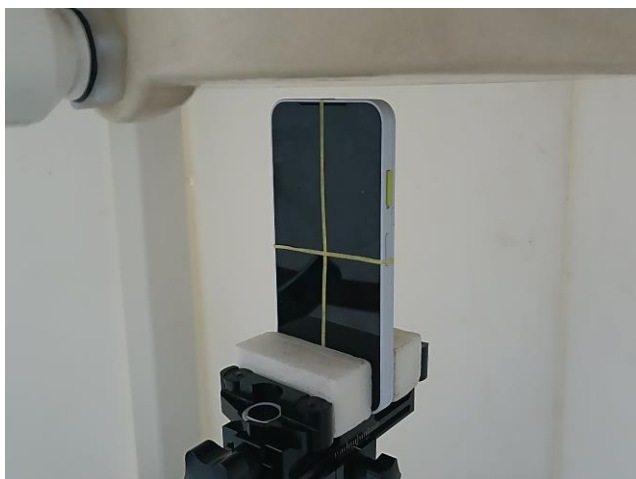
Left Side with Lanyard, Test Separation 10 mm



Right Side with Palm ring, Test Separation 10 mm



Right Side with Lanyard, Test Separation 10 mm



Top Side with Palm ring, Test Separation 10 mm



Top Side with Lanyard, Test Separation 10 mm

Body-worn Exposure Condition



Front, Test Separation 5 mm



Back, Test Separation 5 mm



Front with Palm ring, Test Separation 5 mm



Front with Lanyard, Test Separation 5 mm



Back with Palm ring, Test Separation 5 mm



Back with Lanyard, Test Separation 5 mm



Front with headset, Test Separation 5 mm



Back with headset, Test Separation 5 mm

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



Left Side, Test Separation 0 mm



Front with Lanyard, Test Separation 0 mm



Front with Palm ring, Test Separation 0 mm



Back with Lanyard, Test Separation 0 mm



Back with Palm ring, Test Separation 0 mm



Left Side with Lanyard, Test Separation 0 mm



Left Side with Palm ring, Test Separation 0 mm

Appendix D. PD Test Setup Photos

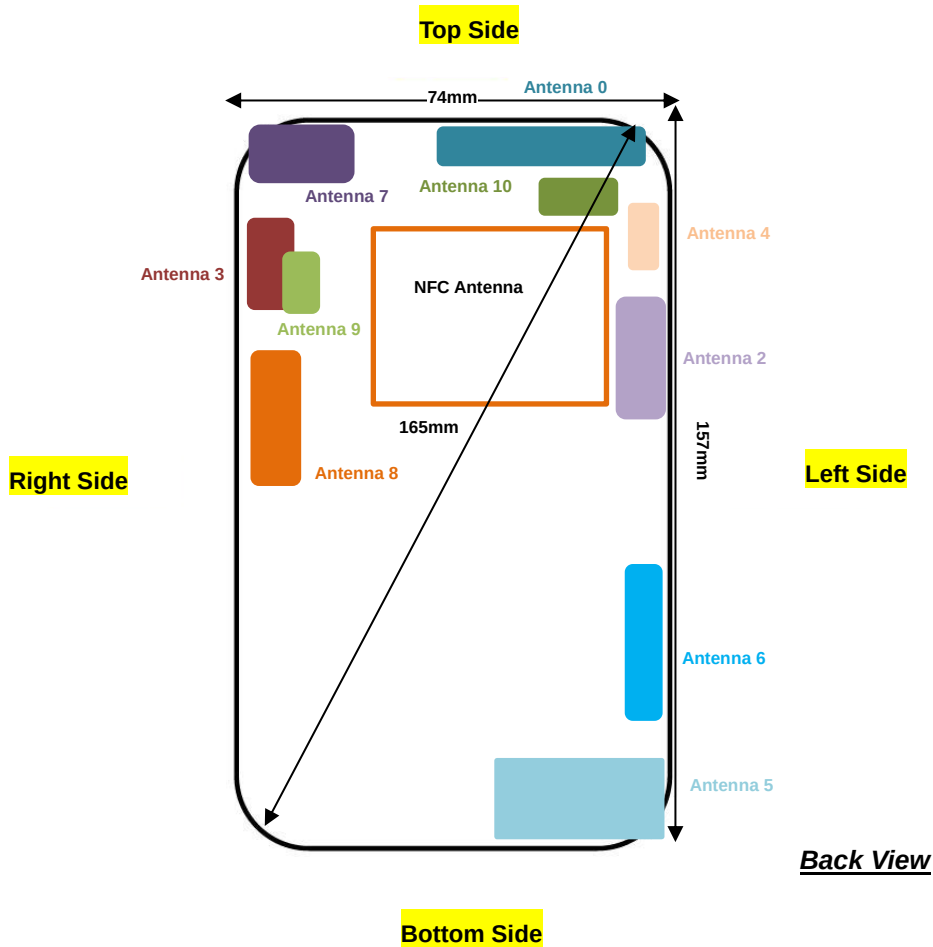


Front, Test Separation 2 mm



Back, Test Separation 2 mm

Antenna Location



Antenna	Support Band
Antenna 0	GSM: 850<TX/RX> UMTS: B5<TX/RX> LTE: B5/12/17/26/71<TX/RX> 5G NR: n5 /n71 <TX/RX> 5G NR: n41 <RX>
Antenna 2	GSM: 1900<TX/RX> UMTS: B2<TX/RX> LTE: B2/4/25/66/42<TX/RX> 5G NR: n2/n66/n77/n78 <TX/RX>
Antenna 3	LTE: B42<TX/RX> 5G NR: n77/n78 <RX>
Antenna 4	LTE: B7/38/41/42<TX/RX> 5G NR: n7/n38/n41 <TX/RX> 5G NR: n77/n78 <RX>
Antenna 5	5G NR: n41 <RX>
Antenna 6	LTE: B7/38/41<TX/RX> 5G NR: n7 <TX/RX> 5G NR: n41 <RX>
Antenna 7	WLAN 2.4GHz <TX/RX>
Antenna 8	LTE: B42<TX/RX> 5G NR: n77/n78 <RX>
Antenna 9	WLAN 5GHz/6GHz <TX/RX>
Antenna 10	WLAN 5GHz/6GHz <TX/RX> WLAN 2.4GHz <TX/RX>

	Bluetooth <TX/RX>
NFC Antenna	NFC<TX/RX>

Note:

1. LTE Band 7/41/38 at Antenna 6 was limited to EN-DC combination only.
2. 5GNR n41 at Ant 5/6/0 and n77/n78 at Ant 3/4/8 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 0	≤ 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
Antenna 8	≤ 25mm	≤ 25mm	>25mm	>25mm	≤ 25mm	>25mm
Antenna 9	≤ 25mm	≤ 25mm	>25mm	>25mm	≤ 25mm	>25mm
Antenna 10	≤ 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	Yes	No	No	Yes
Antenna 2	Yes	Yes	No	No	No	Yes
Antenna 3	Yes	Yes	Yes	No	Yes	No
Antenna 4	Yes	Yes	Yes	No	No	Yes
Antenna 5	Yes	Yes	No	Yes	No	Yes
Antenna 6	Yes	Yes	No	Yes	No	Yes
Antenna 7	Yes	Yes	Yes	No	Yes	No
Antenna 8	Yes	Yes	No	No	Yes	No
Antenna 9	Yes	Yes	No	No	Yes	No
Antenna 10	Yes	Yes	Yes	No	No	Yes
NFC Antenna	Yes	Yes	Yes	No	Yes	Yes

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.