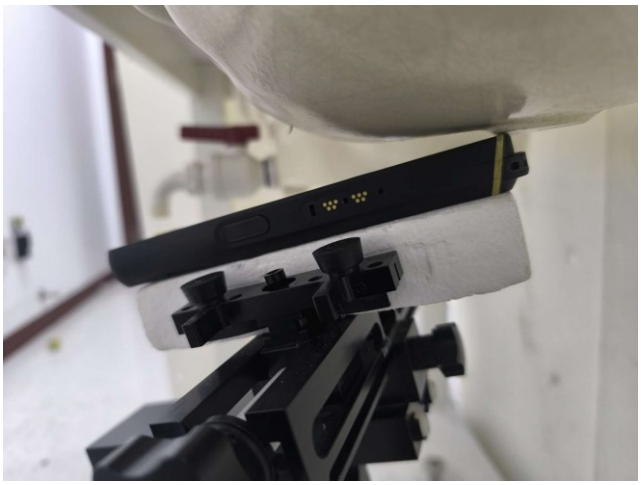
Appendix D. SAR Test Setup Photos

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

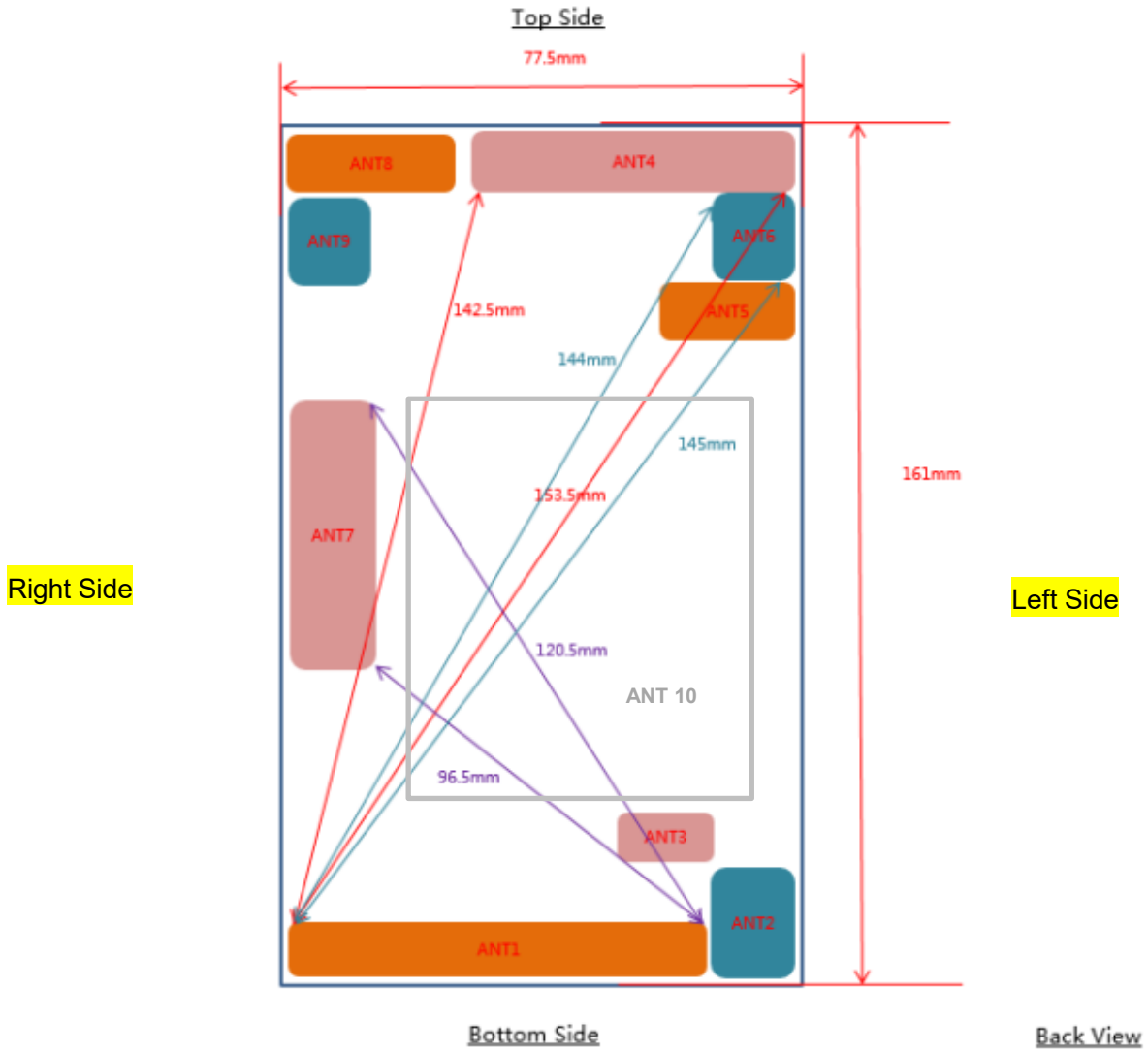
Front, Test Separation 15 mm

Back, Test Separation 15 mm

Product Specific 10g SAR

Back, Test Separation 0 mm

Antenna Location



Antenna	Support Band
Antenna 1	WCDMA Band 2/4/5 <TX/RX> LTE Band 2/4/5/12/13/14/25/26/30/40/66/71 <TX/RX> NR: n2/n5/n14/n25/n30/n66/n71 <TX/RX>
Antenna 2	LTE Band 7/38/41 <TX/RX> NR: n41 <TX/RX>
Antenna 3	NR n77 <RX>
Antenna 4	DRX<RX>
Antenna 5	LTE Band 42/48 <TX/RX> NR: n48/n77/n78 <TX/RX>
Antenna 6	UL CA: LTE Band 2/4/30/66 <TX/RX> NR: n2/n25/n30/n66/n77 <TX/RX>
Antenna 7	NR: n41/n77 <RX>
Antenna 8	WLAN <TX/RX>
Antenna 9	Bluetooth/WLAN <TX/RX>
Antenna 10	NFC Antenna

Note: 5GNR n41 at ant 7 and 5GNR n77 at ant 3/7 supports SRS (Sounding Reference Signal) functionality.

Distance of the Antenna to the EUT surface/edge						
Antennas	Back	Front	Top Side	Bottom Side	Left Side	Right 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 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

Distance of the Antenna to the EUT surface/edge						
Antennas	Back	Front	Top Side	Bottom Side	Left Side	Right Side
Antenna 1	Yes	Yes	No	Yes	Yes	Yes
Antenna 2	Yes	Yes	No	Yes	Yes	No
Antenna 3	Yes	Yes	No	Yes	Yes	No
Antenna 5	Yes	Yes	Yes	No	Yes	No
Antenna 6	Yes	Yes	Yes	No	Yes	No
Antenna 7	Yes	Yes	No	No	No	Yes
Antenna 8	Yes	Yes	Yes	No	No	Yes
Antenna 9	Yes	Yes	Yes	No	No	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.