

Appendix D. SAR Test Setup Photos

In Front of Face Exposure Condition



Front, Test Separation 5 mm

Hotspot Exposure Condition



Front, Test Separation 5 mm



Back, Test Separation 5 mm



Left Side, Test Separation 5 mm



Right Side, Test Separation 5 mm



Top Side, Test Separation 5 mm



Bottom Side, Test Separation 5 mm

Sensor off



Front, Test Separation 31 mm



Back, Test Separation 30 mm



Left Side, Test Separation 32 mm



Right Side, Test Separation 20 mm



Top Side, Test Separation 30 mm



Bottom Side, Test Separation 31 mm

Body-worn Exposure Condition



Front, Test Separation 5 mm



Back, Test Separation 5 mm

Sensor off



Front, Test Separation 31 mm



Back, Test Separation 30 mm

Extremity SAR



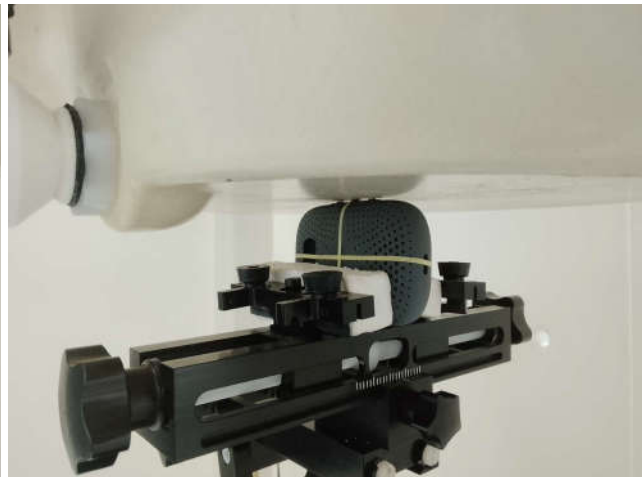
Front, Test Separation 0 mm



Back, Test Separation 0 mm



Left Side, Test Separation 0 mm



Right Side, Test Separation 0 mm

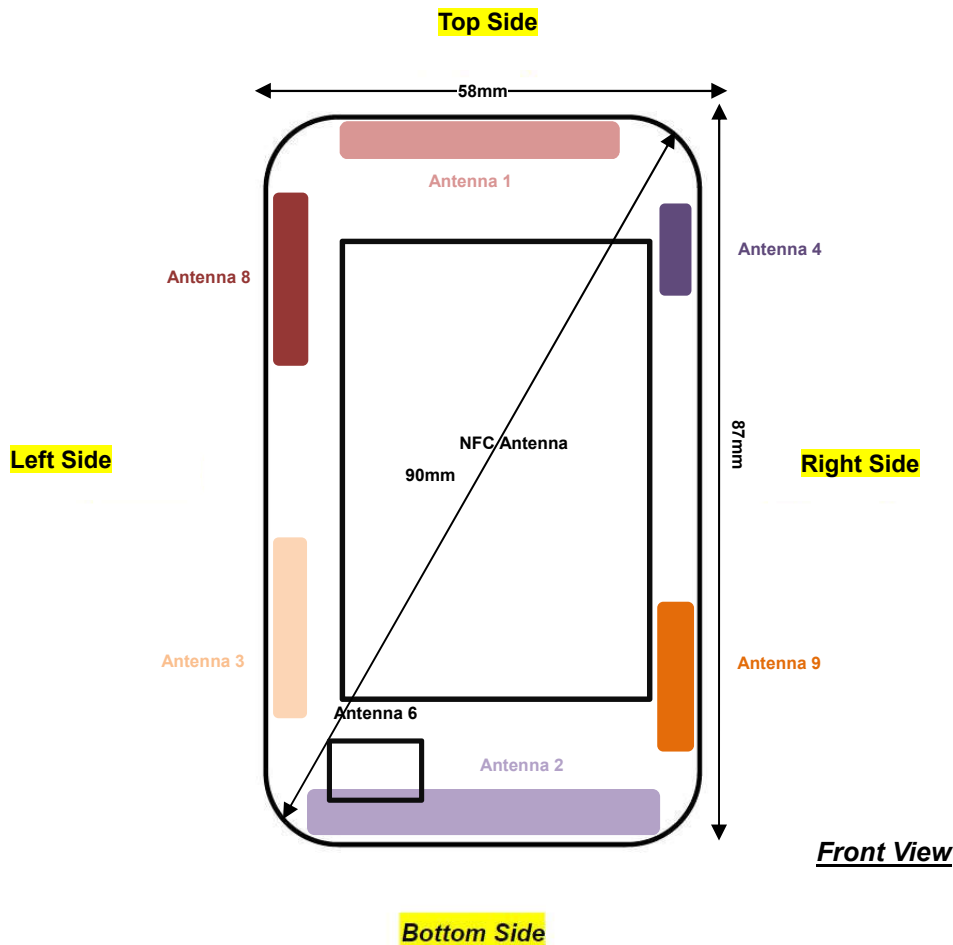


Top Side, Test Separation 0 mm



Bottom Side, Test Separation 0 mm

Antenna Location



Antenna	Support Band
Antenna 1	LTE: B2/4/5/7/12/13/14/25/26/66/71/38/41<TX/RX> 5G NR: n2/n5/n7/n12/n13/n14/n25/n26/n66/n71/n38/n41/n77/n78 <TX/RX>
Antenna 2	LTE: B2/25/66<TX/RX> 5G NR: n2/n66/n41/n70/n77/n78 <TX/RX>
Antenna 3	Bluetooth & WLAN 2.4GHz <TX/RX> WLAN 5GHz/6GHz <TX/RX>
Antenna 4	Bluetooth & WLAN 2.4GHz <TX/RX> WLAN 5GHz/6GHz <TX/RX>
Antenna 6	UWB<TX/RX>
Antenna 8	5G NR: n41/n77/n78 <TX/RX> LoRa<TX/RX>
Antenna 9	LTE: B30/48<TX/RX> 5G NR: n30/n41/n48/n77/n78 <TX/RX>
NFC Antenna	NFC<TX/RX>

Note:

- Referring to KDB 941225 D06 v02r01, when the overall device length and width are < 9cm*5cm, the test distance is 5 mm. SAR must be measured for all sides and surfaces.
- Above overlap area is not real, ant3/6 is on the back cover, and other Antennas is on the board or front cover.

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 8	≤ 25mm	≤ 25mm	≤ 25mm	>25mm	>25mm	≤ 25mm
Antenna 9	≤ 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 1	Yes	Yes	Yes	No	Yes	Yes
Antenna 2	Yes	Yes	No	Yes	Yes	Yes
Antenna 3	Yes	Yes	No	Yes	No	Yes
Antenna 4	Yes	Yes	Yes	No	Yes	No
Antenna 8	Yes	Yes	Yes	No	No	Yes
Antenna 9	Yes	Yes	No	Yes	Yes	No
NFC Antenna	Yes	Yes	Yes	Yes	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.