

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

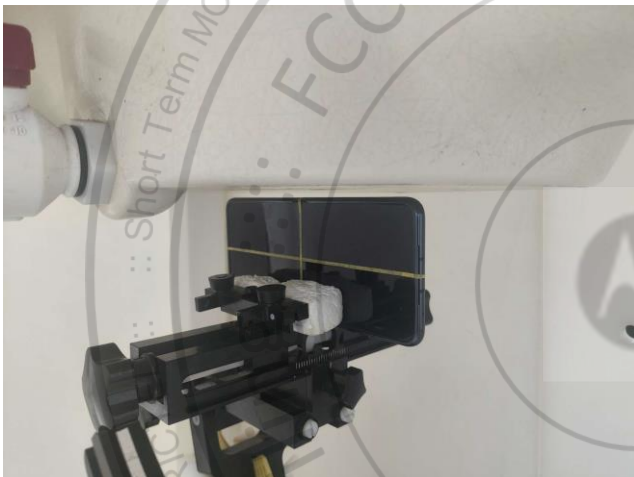
<Flip Open >



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

<Flip Close >



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

Body-worn Exposure Condition

<Flip Open >



Front, Test Separation 5 mm



Back, Test Separation 5 mm



Front with headset, Test Separation 5 mm



Back with headset, Test Separation 5 mm

Sensor off



Front, Test Separation 13 mm



Back, Test Separation 15 mm

<Flip Close >



Front, Test Separation 5 mm



Back, Test Separation 5 mm



Front with headset, Test Separation 5 mm



Back with headset, Test Separation 5 mm

Sensor off



Front, Test Separation 10mm



Back, Test Separation 12 mm

Product Specific 10g SAR

<Flip Open >



Front, Test Separation 0 mm



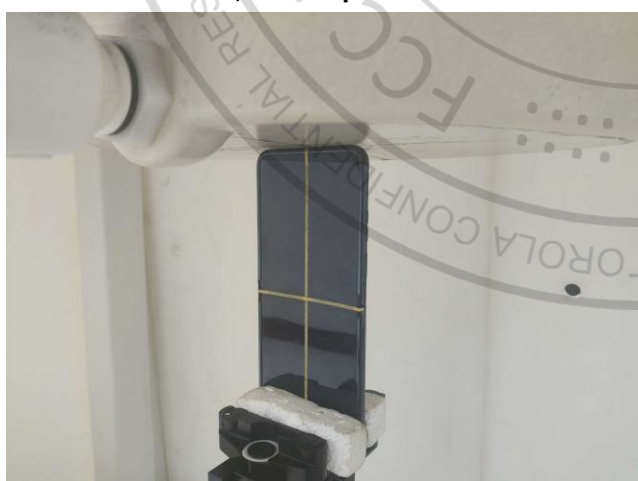
Back, Test Separation 0 mm



Left Side, Test Separation 0 mm



Right Side, Test Separation 0 mm



Top Side, Test Separation 0 mm



Bottom Side, Test Separation 0 mm

Sensor off



Front, Test Separation 12mm



Front, Test Separation 11 mm



Back, Test Separation 9 mm



Back, Test Separation 13 mm



Left Side, Test Separation 17 mm



Right Side, Test Separation 13 mm



Top Side, Test Separation 14 mm



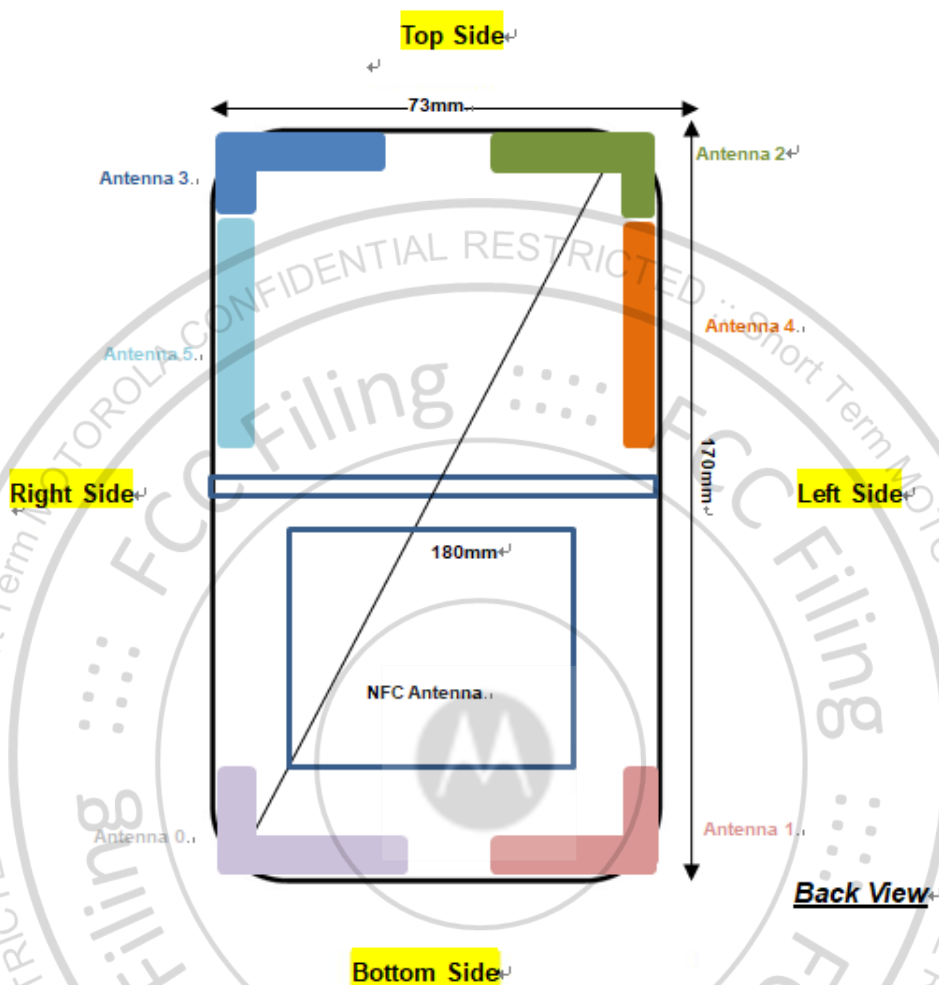
Top Side, Test Separation 17 mm



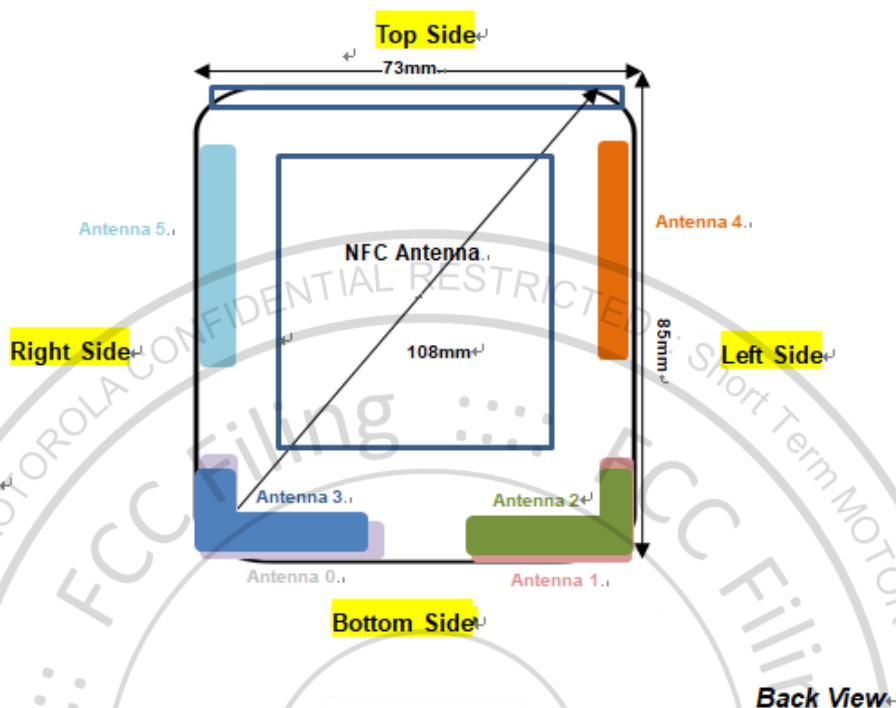
Bottom Side, Test Separation 10 mm

Antenna Location

<Flip-Open Mode>



<Flip-Close Mode>



Note: This is a foldable Mobile Cellular Phone device. Above overlap area is a simulation prototype, Antenna 0 and Antenna 1 were located at the bottom and back side of the device. Antenna 3 and Antenna 2 were located at the top and front side of the device. When the device was at flip close state (screen was folded), Antenna 3 was coincident with Antenna 0, and Antenna 2 was coincident with Antenna 1.

Antenna	Support Band
Antenna 0	GSM: 850/1900<TX/RX> UMTS: B4/5<TX/RX> LTE: B4/5/7/12/13/17/26/38/41/42/43/48/66<TX/RX> NR: n5/7/38/41/66/77/78<TX/RX>
Antenna 1	GSM: 850/1900<TX/RX> UMTS: B4/5<TX/RX> LTE: B4/5/7/12/13/17/26/38/41/42/43/48/66<TX/RX> NR: n5/7/38/41/66/77/78<TX/RX>
Antenna 2	GSM: 1900<TX/RX> UMTS: B2/4<TX/RX> LTE: B2/4/7/25/38/41/42/43/48/66<TX/RX> NR: n7/38/41/66/77/78<TX/RX>
Antenna 3	GSM: 1900<TX/RX> UMTS: B2/4<TX/RX> LTE: B2/4/7/25/38/41/42/43/48/66<TX/RX> 5G NR: n7/38/41/66/77/78<TX/RX>
Antenna 4	WLAN 2.4GHz<TX/RX> WLAN 5GHz/6GHz<TX/RX> Bluetooth<TX/RX>
Antenna 5	WLAN 2.4GHz<TX/RX> WLAN 5GHz/6GHz<TX/RX> Bluetooth<TX/RX>
NFC Antenna	NFC<TX/RX>