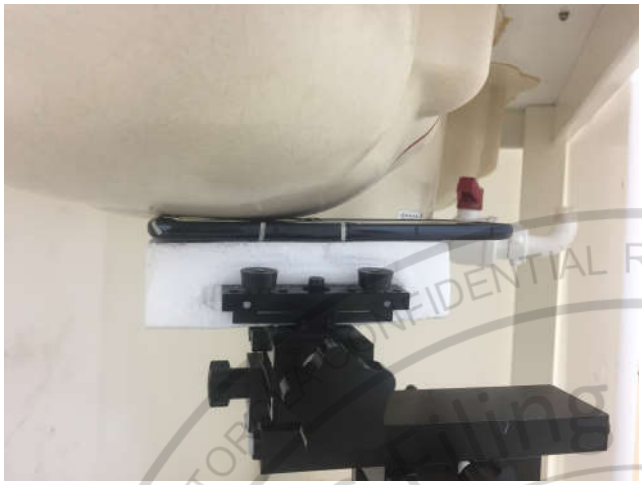
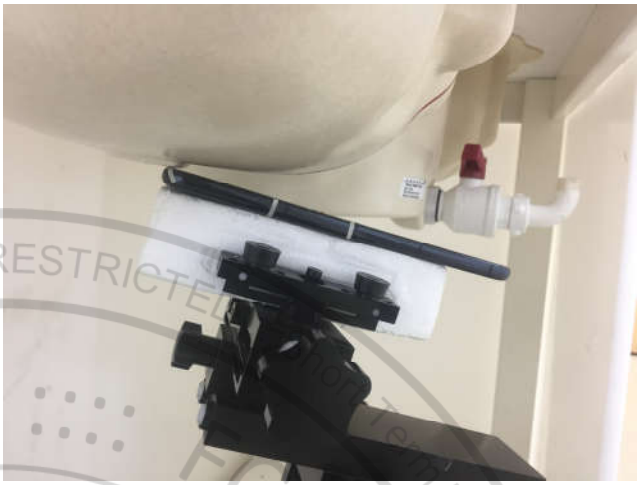
# Appendix D. SAR Test Setup Photos

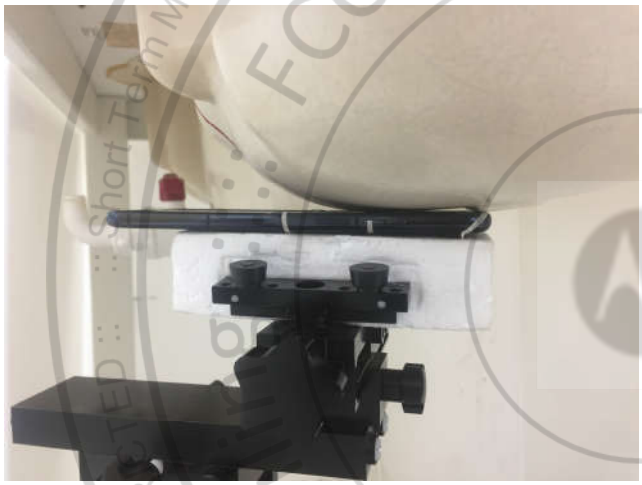
## Head Exposure Condition



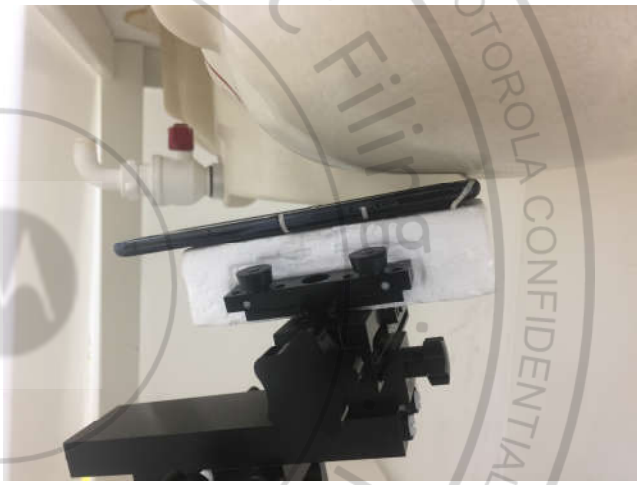
Right Cheek, Test Separation 0 mm



Right Tilted, Test Separation 0 mm



Left Cheek, Test Separation 0 mm



Left Tilted, Test Separation 0 mm

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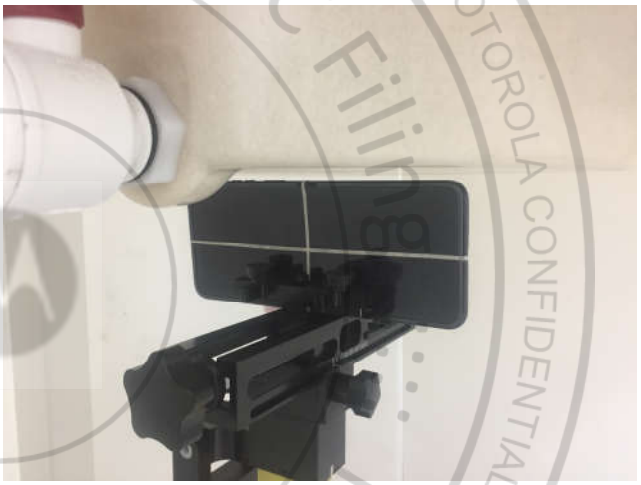
## Hotspot Exposure Condition

***<Flip Open >***

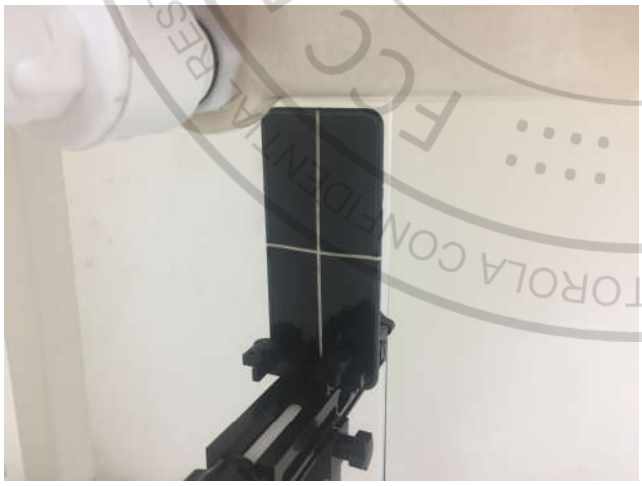
**Front, Test Separation 5 mm**

**Back, Test Separation 5 mm**

**Left Side, Test Separation 5 mm**



**Right Side, Test Separation 5 mm**



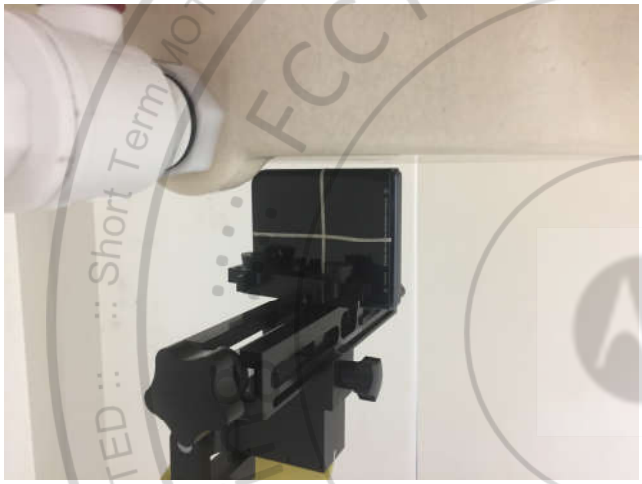
**Top Side, Test Separation 5 mm**

**Bottom Side, Test Separation 5 mm**

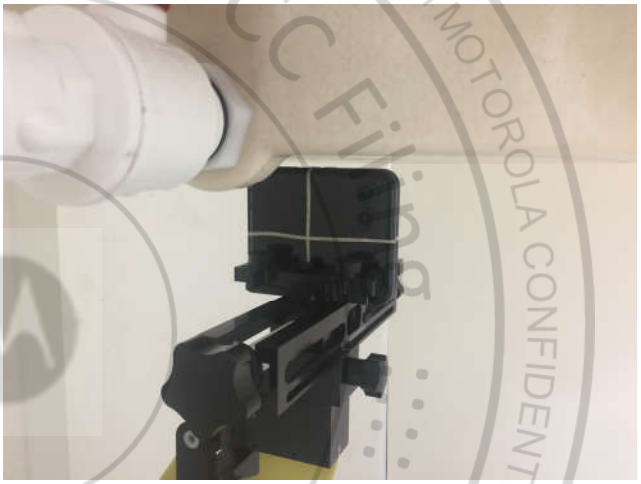
**<Flip Close >**

Front, Test Separation 5 mm

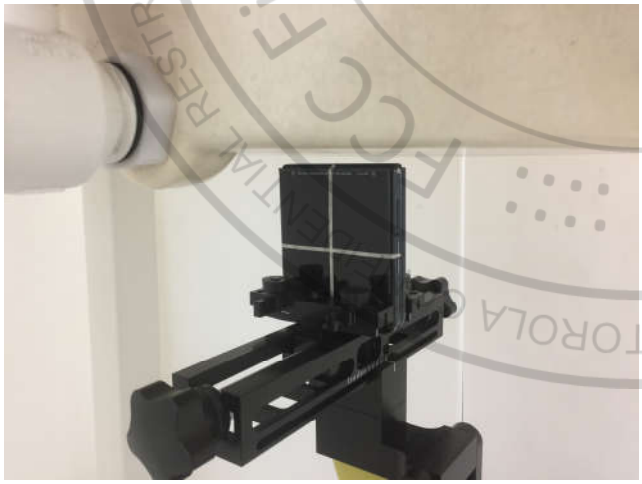
Back, Test Separation 5 mm



Left Side, Test Separation 5 mm



Right Side, Test Separation 5 mm



Top Side, Test Separation 5 mm

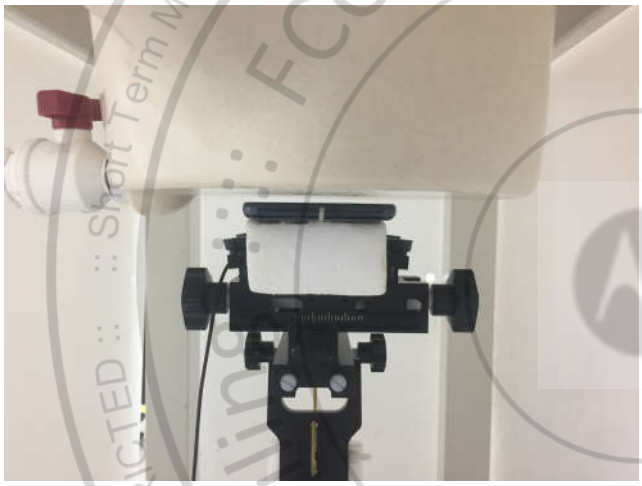
Bottom Side, Test Separation 5 mm

## Body-worn Exposure Condition

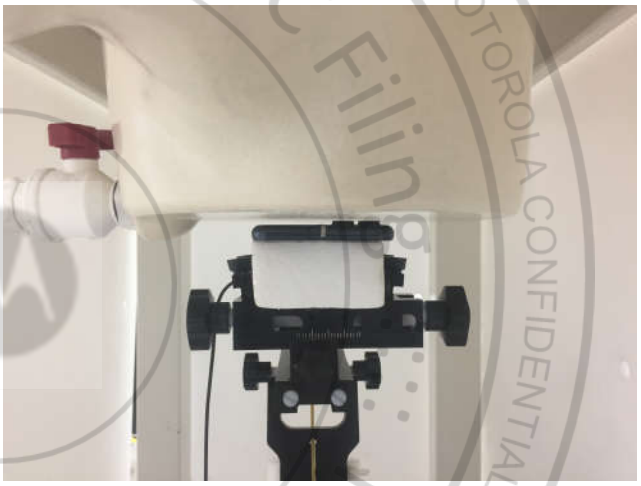
***<Flip Open >***

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 12 mm

Back, Test Separation 13 mm

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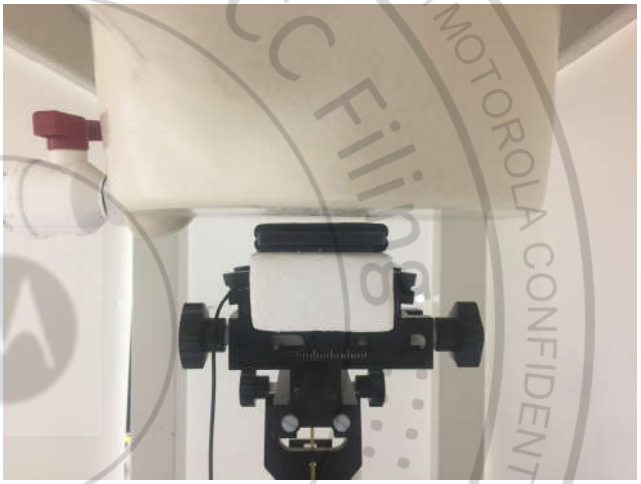
*<Flip Close >*

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 16mm

Back, Test Separation 22 mm

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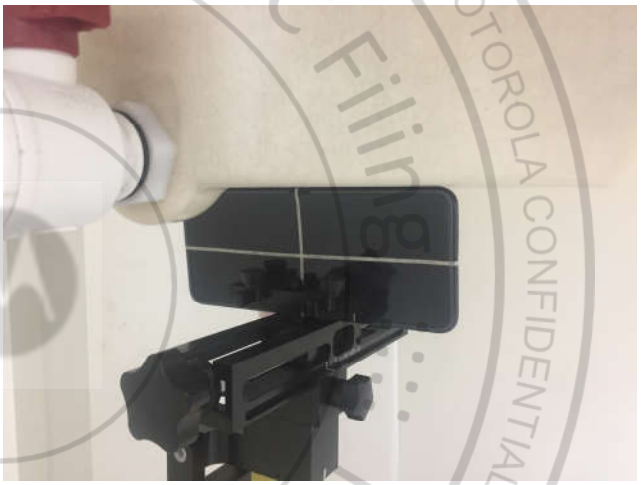
## Product Specific 10g SAR

### <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

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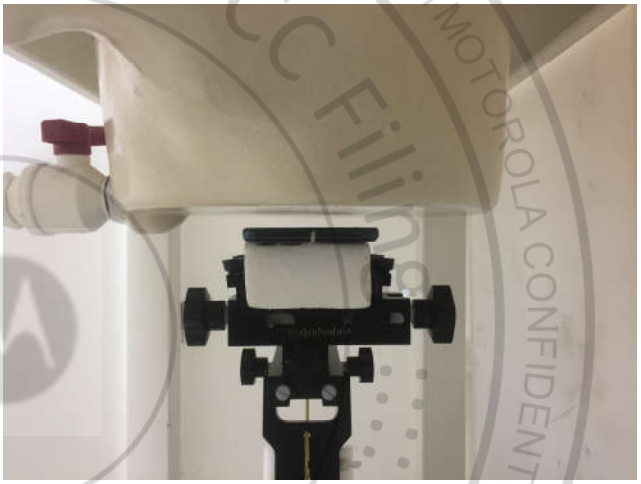
**Sensor off**

**Front, Test Separation 11mm**

**Front, Test Separation 6 mm**

**Back, Test Separation 11 mm**



**Front, Test Separation 10 mm**

**Back, Test Separation 9 mm**

**Back, Test Separation 10 mm**

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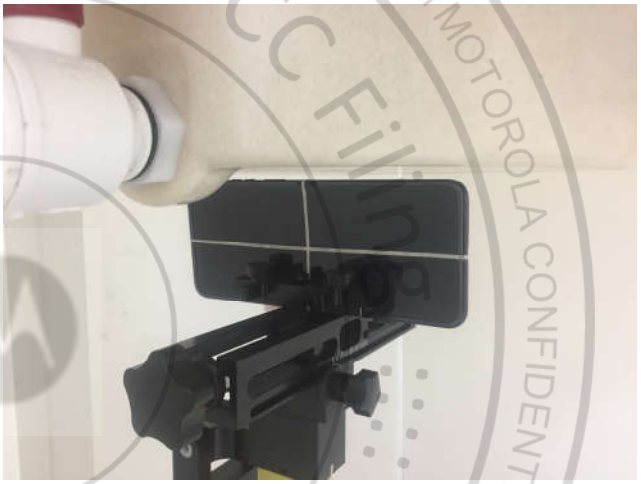
Back, Test Separation 5 mm

Right Side, Test Separation 14 mm

Back, Test Separation 6 mm



Right Side, Test Separation 5 mm

Left Side, Test Separation 18 mm

Right Side, Test Separation 8 mm

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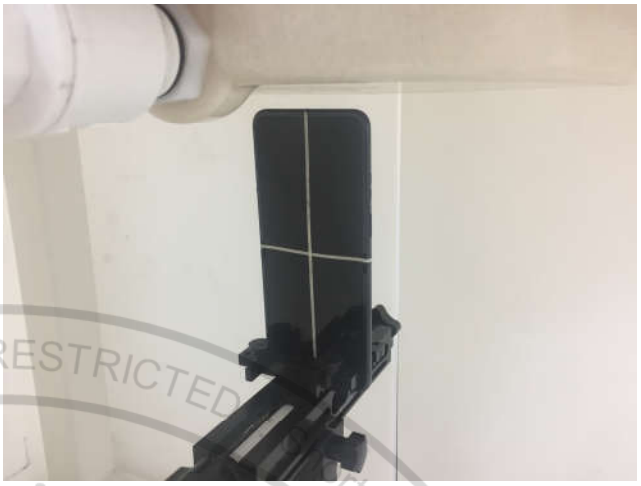
Top Side, Test Separation 14 mm



Top Side, Test Separation 12 mm

Bottom Side, Test Separation 11 mm

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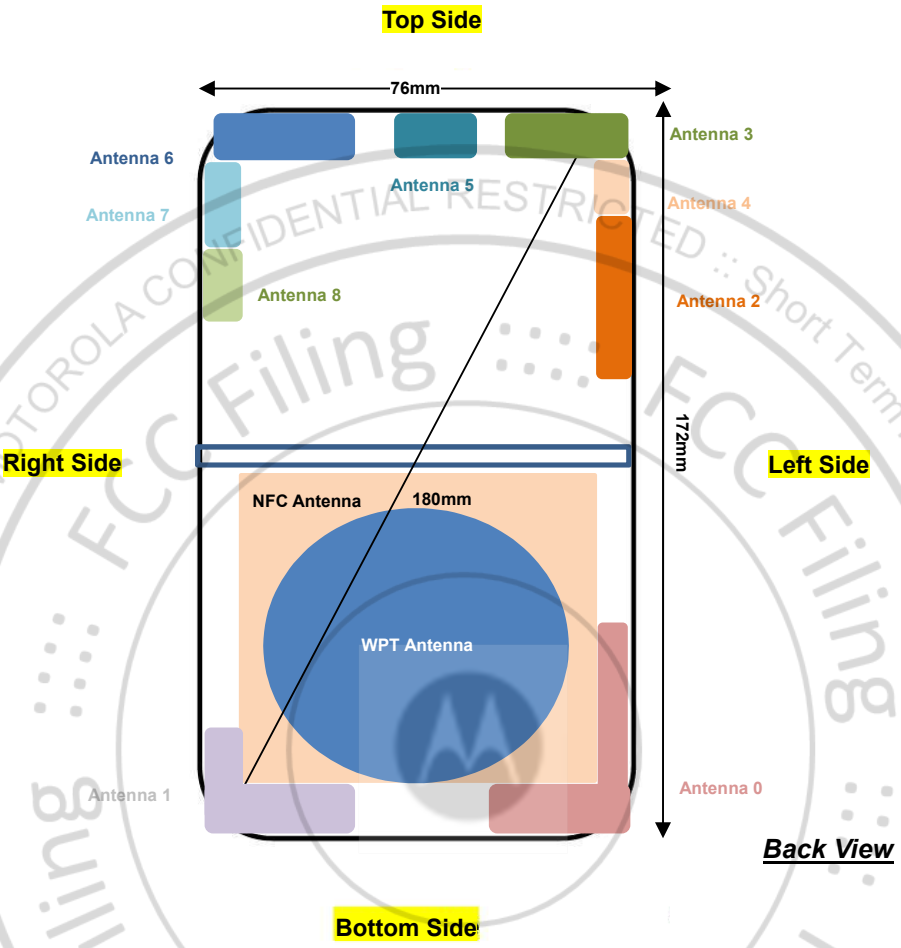
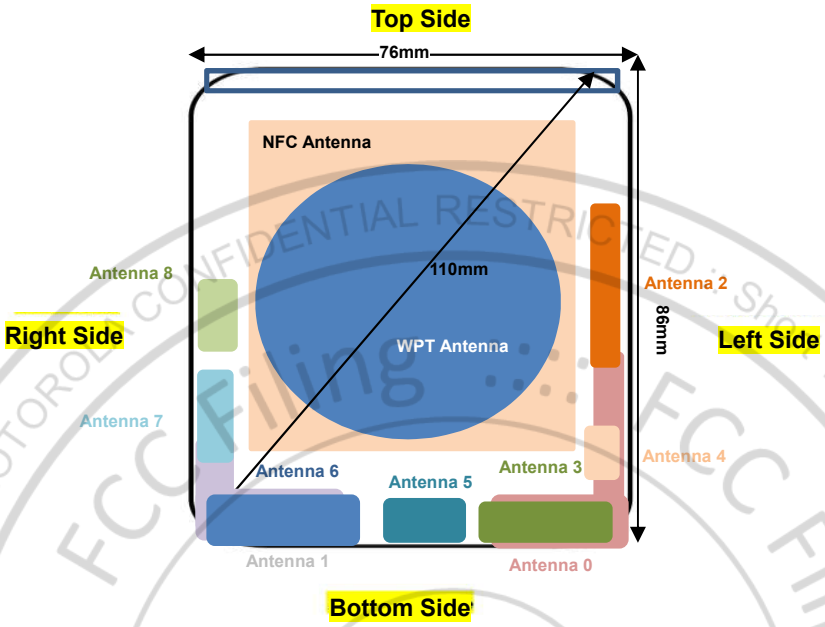
# Antenna Location

**<Flip-Open Mode>**



**<Flip-Close Mode>**




***Back View***

Note: This is a foldable Mobile Cellular Phone device. Above overloap area is a simulation prototype, Antenna 0 and Antenna 1 were located at the bottom and back side of the device. Antenna 6/7/5 and Antenna 2/3/4 were located at the top and front side of the device. When the device was at flip close state (screen was folded), Antenna 6/7 was coincident with Antenna 1, and Antenna 2/3/4 was coincident with Antenna 0.

| Antenna | Support Band |
|---|---|
| Antenna 0 | GSM: 850/1900<TX/RX><br>UMTS: B2/4/5<TX/RX><br>LTE: B2/4/5/7/12/13/14/17/25/26/30/38/41/66/71<TX/RX><br>5G NR: n2/5/7/12/14/25/26/30/38/41/66/70/71<TX/RX> |
| Antenna 1 | GSM: 850<TX/RX><br>UMTS: B5<TX/RX><br>LTE: B2/4/5/7/12/13/14/17/25/26/30/38/41/66/71<TX/RX><br>5G NR: n2/5/7/12/14/25/26/30/38/41/66/70/71<TX/RX> |
| Antenna 2 | GSM: 1900<TX/RX><br>UMTS: B2/4<TX/RX><br>LTE: B2/4/7/25/30/38/41/66<TX/RX><br>5G NR: n2/7/25/30/38/41/66/70<TX/RX> |
| Antenna 3 | LTE: B2/4/7//25/30/38/41/48/66<TX/RX><br>5G NR: n2/7/25/30/38/41/66/70/48/77/78<TX/RX> |
| Antenna 4 | LTE: B48<TX/RX><br>5G NR: n48/77/78<TX/RX> |
| Antenna 5 | WLAN 2.4GHz<TX/RX><br>WLAN 5GHz/6GHz<TX/RX><br>Bluetooth<TX/RX> |
| Antenna 6 | LTE: B48<TX/RX><br>5G NR: n48/77/78<TX/RX> |
| Antenna 7 | WLAN 2.4GHz<TX/RX><br>WLAN 5GHz/6GHz<TX/RX><br>Bluetooth<TX/RX> |
| Antenna 8 | LTE: B48<TX/RX><br>5G NR: n48/77/78<TX/RX> |
| NFC Antenna | NFC<TX/RX> |
| WPT Antenna | WPT <TX/RX> |