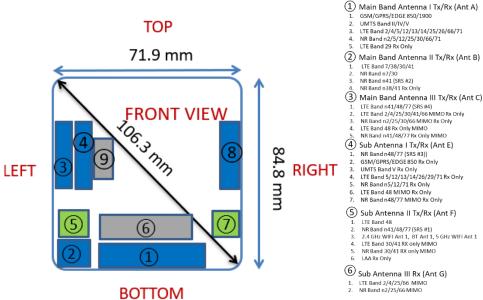


## **APPENDIX E: DUT ANTENNA DIAGRAM & TEST SETUP PHOTOGRAPHS**

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7 Sub Antenna IV Rx (Ant H) LAA Only Rx 2.4 GHz WIFI Ant 2, BT Ant 2, 5 GHz WIFI Ant 2 Tx/Rx GPS 8 Sub Antenna V Tx/Rx (Ant I) JUD ATTECHINA V TX/PAX (ATT.1)
NR Band n2/25/30/38/41/66
NR Band n4/77 (SRS #2)
NR Band n2/7/25/30/48/66/77 Rx Only
LTE B2/47/7/25/30/38/41/48/66 Rx Only
GSM/GPRS/EDGE 1900 Rx Only
IMMTS Band 11/M Bx Only UMTS Band II/IV Rx Only

9 (Ant K) NR mmW n258/260/261Tx/Rx

5 Sub Antenna II Tx/Rx (Ant F)

LTE Band 48 NR Band n41/48/77 (SRS #1)

2.4 GHz WIFI Ant 1, BT Ant 1, 5 GHz WIFI Ant 1 LTE Band 30/41 RX only MIMO

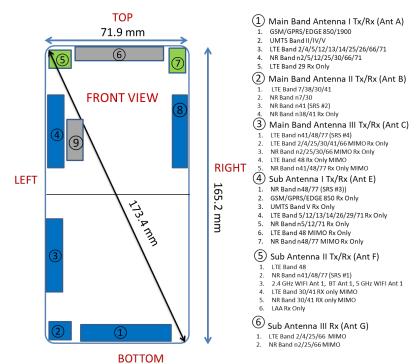
NR Band 30/41 RX only MIMO LAA Rx Only

6 Sub Antenna III Rx (Ant G)

LTE Band 2/4/25/66 MIMO NR Band n2/25/66 MIMO

## Figure E-1 **DUT Antenna Locations - Closed**

Note: Exact antenna dimensions and separation distances are shown in the Technical Descriptions in the FCC Filing.



(7)Sub Antenna IV Rx (Ant H) LAA Only Rx 2.4 GHz WIFI Ant 2, BT Ant 2, 5 GHz WIFI Ant 2

Tx/Rx GPS

Sub Antenna V Tx/Rx (Ant I) NR Band n2/25/30/38/41/66 (8)

NR Band n48/77 (SRS #2) NR Band n2/7/25/30/48/66/77 Rx Only

LTE B2/4/7/25/30/38/41/48/66 Rx Only

GSM/GPRS/EDGE 1900 Rx Only UMTS Band II/IV Rx Only

(Ant K) NR mmW n258/260/261 Tx/Rx

## Figure E-2 **DUT Antenna Locations - Open**

Note: Exact antenna dimensions and separation distances are shown in the Technical Descriptions in the FCC Filing.

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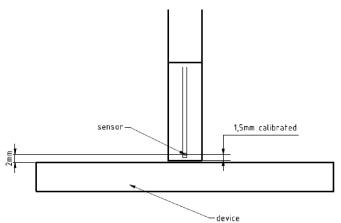


Figure E-3

EUmmWVx Probe

Note: Distances below are distance from device surface to sensor-center. Therefore, distances include 1.5 mm for Probe Tip to Sensor Calibration Points.

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Figure E-4
Near Field Power Density Test Setup Photo – Back Side Open at 2 mm

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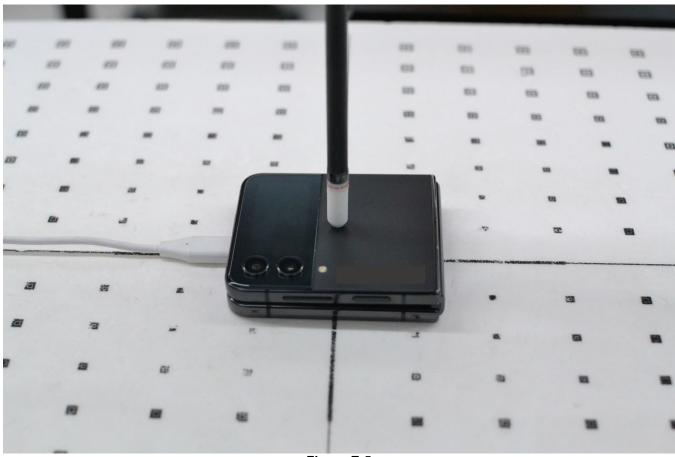


Figure E-5
Near Field Power Density Test Setup Photo – Front Side Closed at 2 mm

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Figure E-6
Near Field Power Density Test Setup Photo – Front Side Closed at 5 mm

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Figure E-7
Near Field Power Density Test Setup Photo – Front Side Open at 2 mm

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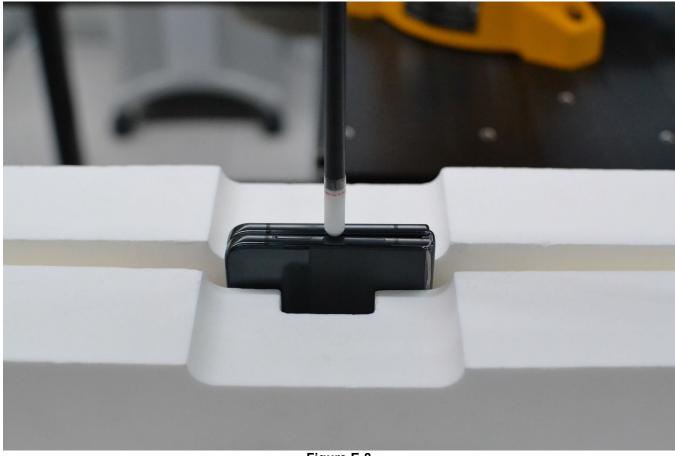


Figure E-8 Near Field Power Density Test Setup Photo – Left Edge Closed at 2 mm

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Figure E-9
Near Field Power Density Test Setup Photo – Left Edge Open at 2 mm

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