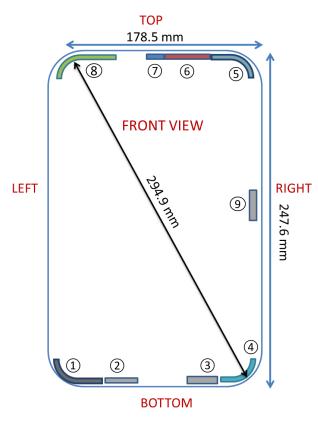


## APPENDIX I: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

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- (1) Antenna 1a: Cell/WIFI/BT Antenna Tx/Rx
  - 1. LTE Band 48
  - NR FR1 n48/n77 DoD/n77 C
- 3. 2.4 GHz WIFI/BT/Thread
  Antenna 1b: Cell/WIFI Antenna Tx/Rx
  - UMTS Band II/IV
  - LTE Band 66/4/25/2/30/7/41
  - NR Band n66/n70/n25/n2/n30/n7/n41

  - NB UNII WIFI 6E
- 3 Antenna 2b: Cell Tx/Rx
  - 1. UMTS Band II/IV
- 2. LTE Band 66/4/25/2/30/7/41 3. NR FR1 n66/n70/n25/n2/n30/n7/n41 Antenna 2a: Cell Tx/Rx
  - - LTE Band 48
- 2. NR FR1 n48/n77 DoD/n77 C Antenna 3a: Cell/WIFI/BT Antenna Tx/Rx

  - UMTS Band II/IV LTE Band 66/4/25/2/30/7/41
  - NR FR1 n66/n70/n25/n2/n30/n7/n41
  - 2.4 GHz WIFI/BT/Thread 5GHz WIFI

  - NB UNII
- 7. WIFI 6E
  Antenna 3b: Cell Antenna Tx/Rx
  - UMTS Band V
- LTE Band 71/12/17/13/14/26/5/48
  NR FR1 n71/n12/n14/n26/n5/n77 DoD/n77 C
  NR FR1 n29 Rx only
- 5. LTE Band 29 Rx only
  Antenna 3c: WIFI Tx/Rx
  - 1. 5GHz WIFI
  - NB UNII
- 2. NS UNII
  3. WIF16E
  Antenna 4: Cell Antenna Tx/Rx
  1. UMTS Band II/IV/V
  2. LTE Band 71/12/17/13/14/26/5/66/4/25/2/30/7/41/48
  - NR FR1 n71/n12/n14/n26/n5/n66/n70/n25/n2/n30/n7/n41/n77 DoD/n77 C
  - NR FR1 n29 Rx only
  - LTE Band 29 Rx only
- 9 WPT Tx-Coil

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

Figure I-1 **DUT Antenna Locations** 

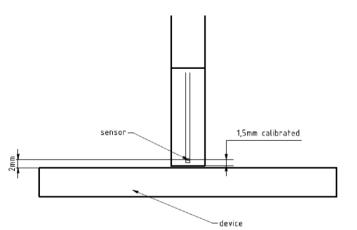
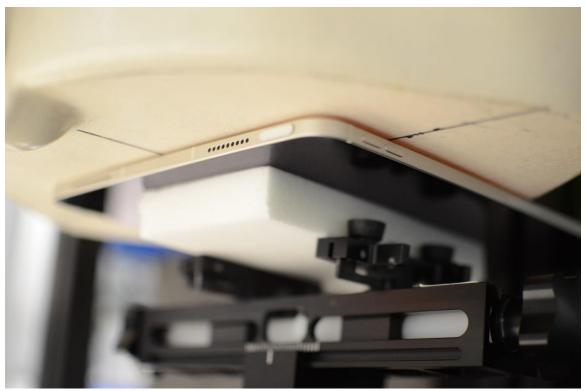


Figure I-2 **EUmmWVx Probe** 

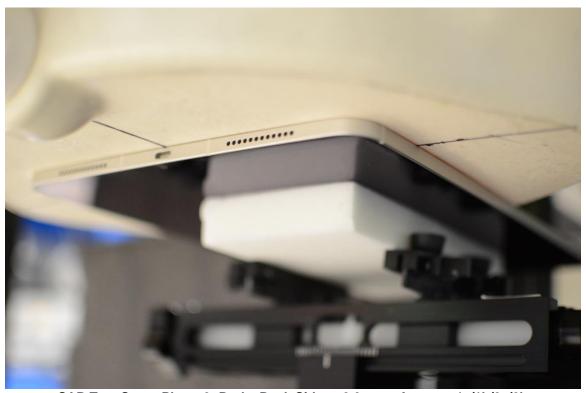
Note: Distances below are distance from device surface to sensor-center. Therefore, distances include 1.5 mm for Probe Tip to Sensor Calibration Points.

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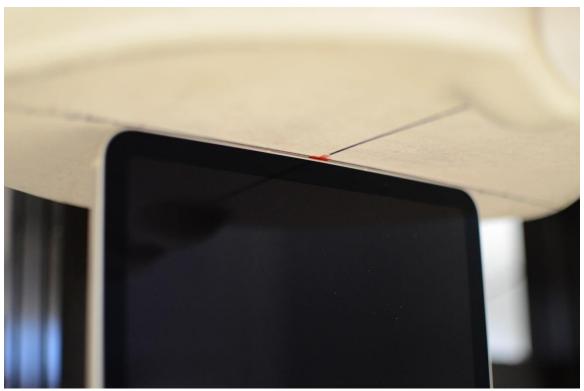
SAR Test Setup Photo 1: Body, Back Side at 0.0 cm - Antenna 3a/3b/3c/4



SAR Test Setup Photo 2: Body, Back Side at 0.0 cm – Antenna 1a/1b/2a/2b

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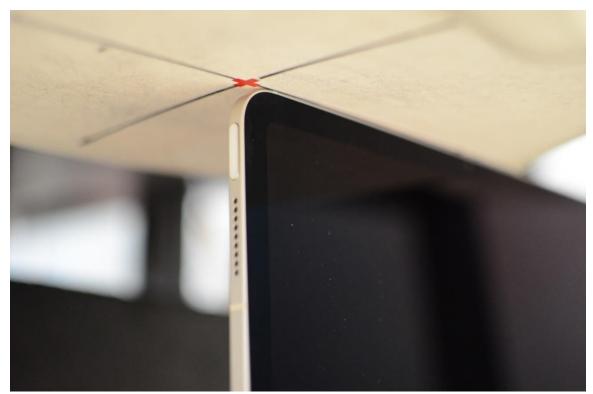
SAR Test Setup Photo 3: Body, Top Edge at 0.0 cm



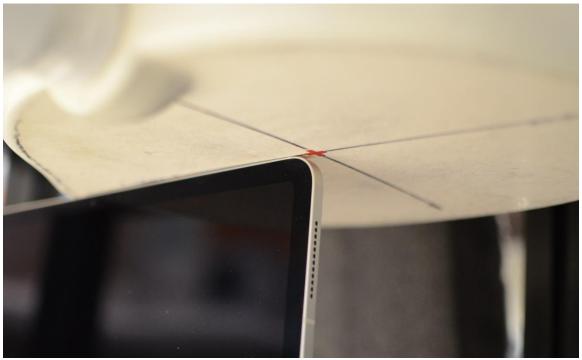
SAR Test Setup Photo 4: Body, Bottom Edge at 0.0 cm

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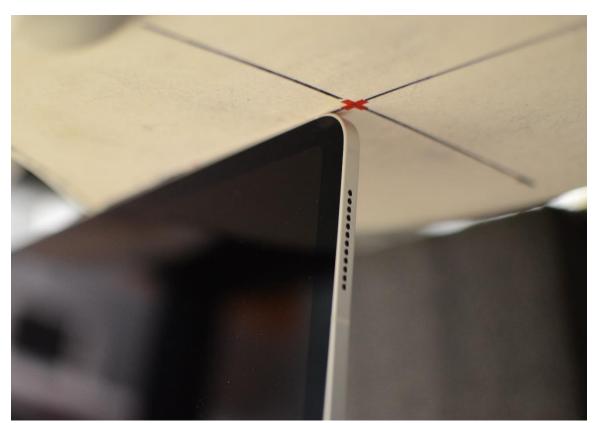
SAR Test Setup Photo 5: Body, Right Edge at 0.0 cm – Antenna 3a/3b/3c/4



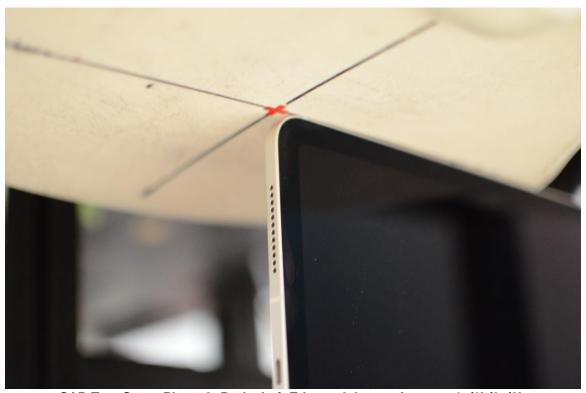
SAR Test Setup Photo 6: Body, Right Edge at 0.0 cm - Antenna 1a/1b/2a/2b

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SAR Test Setup Photo 7: Body, Left Edge at 0.0 cm - Antenna 3a/3b/3c/4



SAR Test Setup Photo 8: Body, Left Edge at 0.0 cm - Antenna 1a/1b/2a/2b

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Wireless Power Transfer (wPT) Test Setup Photo 9: Body, Back Side at 0.0 cm



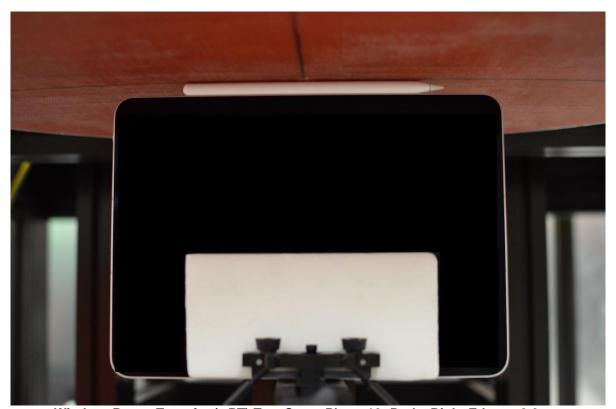
Wireless Power Transfer (wPT) Test Setup Photo 10: Body, Top Edge at 0.0 cm

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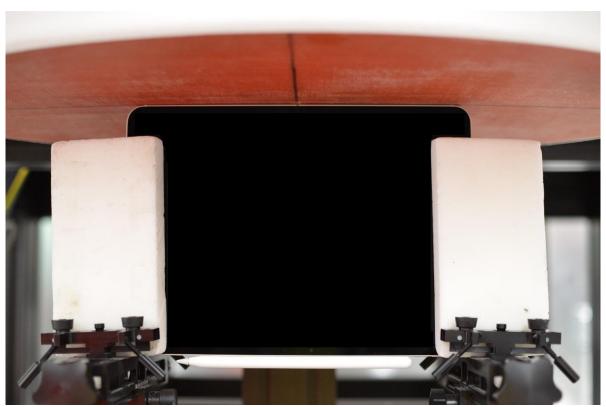
Wireless Power Transfer (wPT) Test Setup Photo 11: Body, Bottom Edge at 0.0 cm



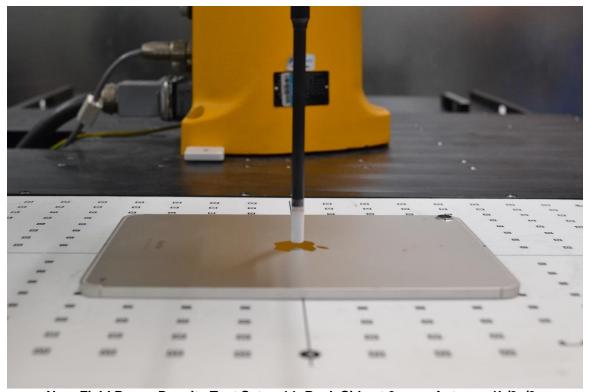
Wireless Power Transfer (wPT) Test Setup Photo 12: Body, Right Edge at 0.0 cm

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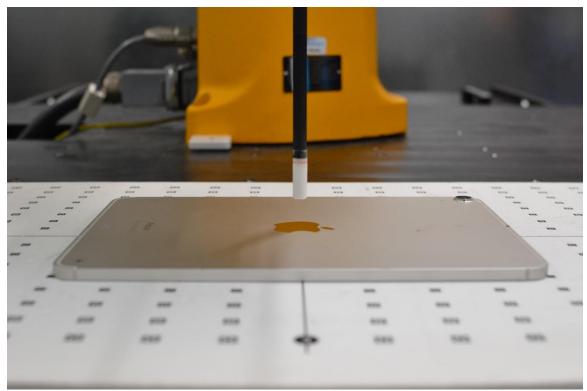
Wireless Power Transfer (wPT) Test Setup Photo 13: Body, Left Edge at 0.0 cm



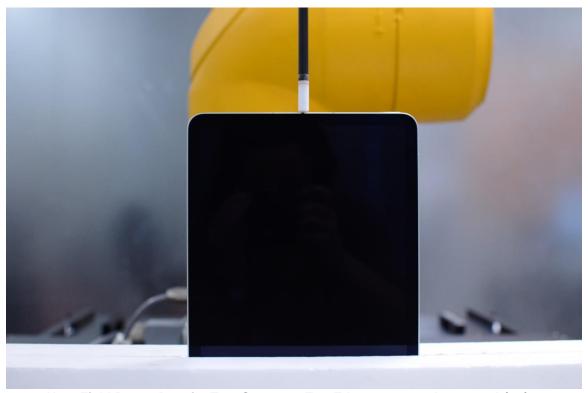
Near Field Power Density Test Setup 14: Back Side at 2mm - Antenna 1b/3a/3c

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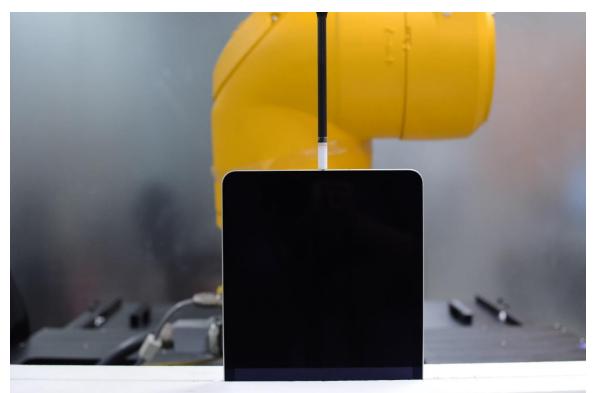
Near Field Power Density Test Setup 15: Back Side at 9mm - Antenna 3a



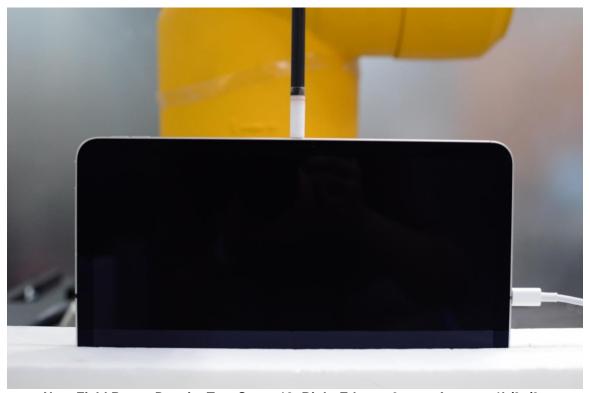
Near Field Power Density Test Setup 16: Top Edge at 2mm - Antenna 1b/3a/3c

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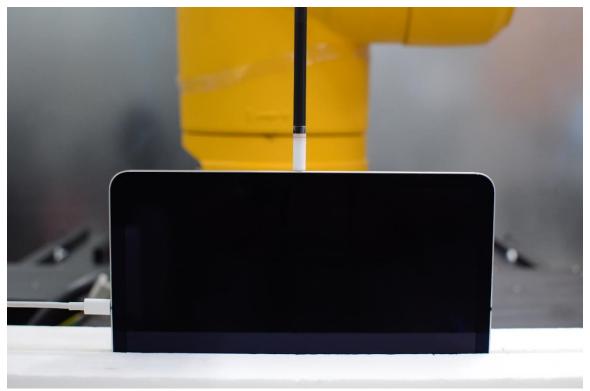
Near Field Power Density Test Setup 17: Bottom Edge at 2mm – Antenna 1b/3a/3c



Near Field Power Density Test Setup 18: Right Edge at 2mm - Antenna 1b/3a/3c

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Near Field Power Density Test Setup 19: Left Edge at 2mm - Antenna 1b/3a/3c

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