

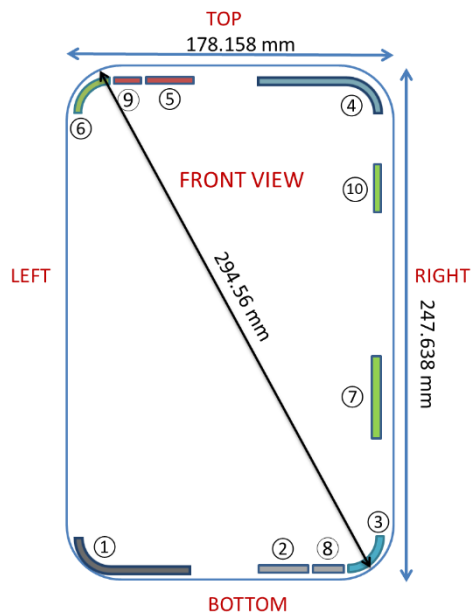


APPENDIX D: DUT ANTENNA DIAGRAM & TEST SETUP PHOTOGRAPHS

FCC ID: BCGA2301	 PCTEST Proud to be part of  element	NEAR-FIELD POWER DENSITY EVALUATION REPORT	Approved by: Quality Manager
Test Dates: 01/24/2021 – 03/15/2021	DUT Type: Tablet Device		APPENDIX D: Page 1 of 5



- ① Antenna 1: Cell Antenna Tx/Rx
 1. GPRS/EDGE 850/1900 MHz
 2. UMTS Band II/IV/V
 3. LTE Band 71/12/17/13/14/5/26/66/4/25/2/30/7/41/48
 4. NR FR1 n71/n12/n5/n66/n25/n2/n41/n77
 5. LTE Band 29 Rx only
- ② Antenna 2b: Cell Antenna Tx/Rx
 1. GPRS/EDGE 1900 MHz
 2. UMTS Band II/IV
 3. LTE Band 66/4/25/2/30/7/41
 4. NR FR1 n66/n25/n2/n41
- ③ Antenna 2a: Cell/WiFi/BT Antenna Tx/Rx
 1. LTE Band 48
 2. 2.4 GHz WiFi/BT
 3. NR FR1 n77
- ④ Antenna 3: Cell Tx/Rx
 1. GPRS/EDGE 850/1900 MHz
 2. UMTS Band II/IV/V
 3. LTE Band 71/12/17/13/14/5/26/66/4/25/2/30/7/41/48
 4. NR FR1 n71/n12/n5/n66/n25/n2/n41/n77
 5. LTE Band 29 Rx only
- ⑤ Antenna 4b: Cell/WiFi Antenna Tx/Rx
 1. GPRS/EDGE 1900 MHz
 2. UMTS Band II/IV
 3. LTE Band 66/4/25/2/30/7/41
 4. NR FR1 n66/n25/n2/n41
 5. 5GHz WiFi
 6. LTE B46 (Rx only)
- ⑥ Antenna 4a: Cell/WiFi/BT Antenna Tx/Rx
 1. LTE Band 48 (4x4 DLCA MIMO)
 2. 2.4 GHz WiFi/BT
 3. NR FR1 n77
- ⑦ Antenna 5b: WiFi Antenna Tx/Rx
 1. 5 GHz WiFi
 2. LTE B46 (Rx only)
- ⑧ Antenna M3
 1. FR2 N260/n261
- ⑨ Antenna M2
 1. FR2 N260/n261
- ⑩ Antenna M0
 1. FR2 N260/n261

Figure D-1
DUT Antenna Locations

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

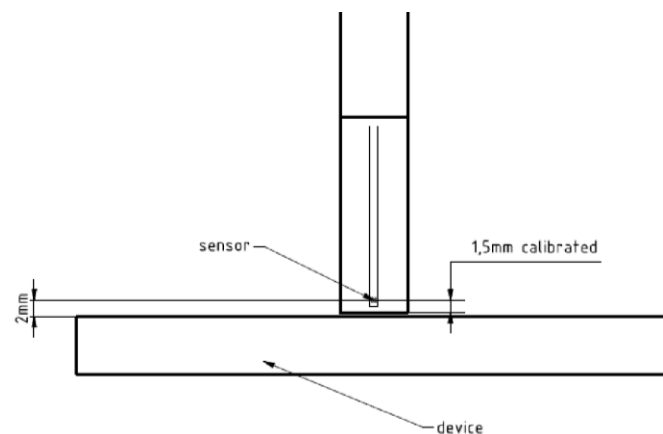



Figure D-2
EUMmWV3 Probe

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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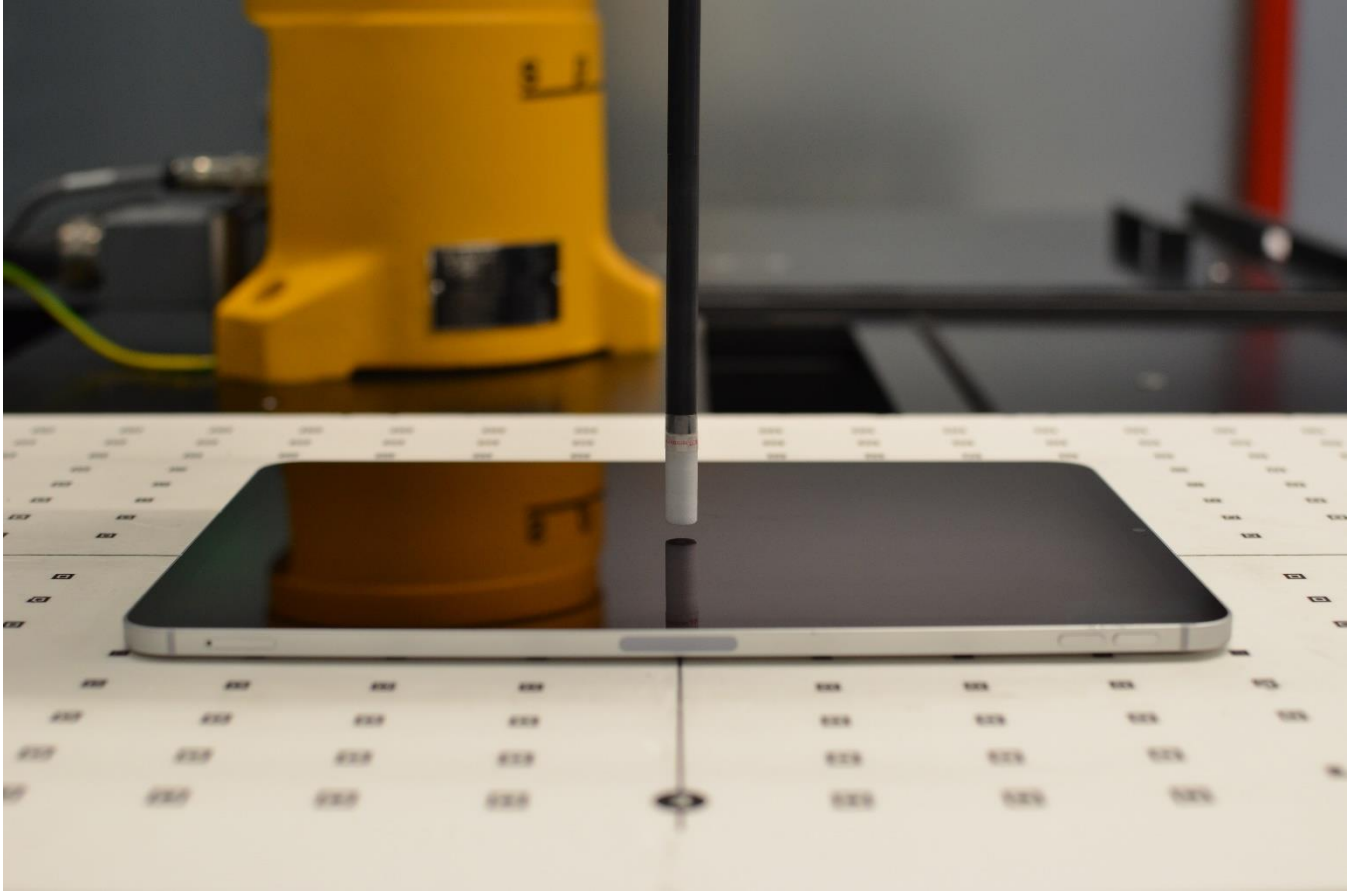



Figure D-3
Near Field Power Density Test Setup Photo - Front Side at 2mm

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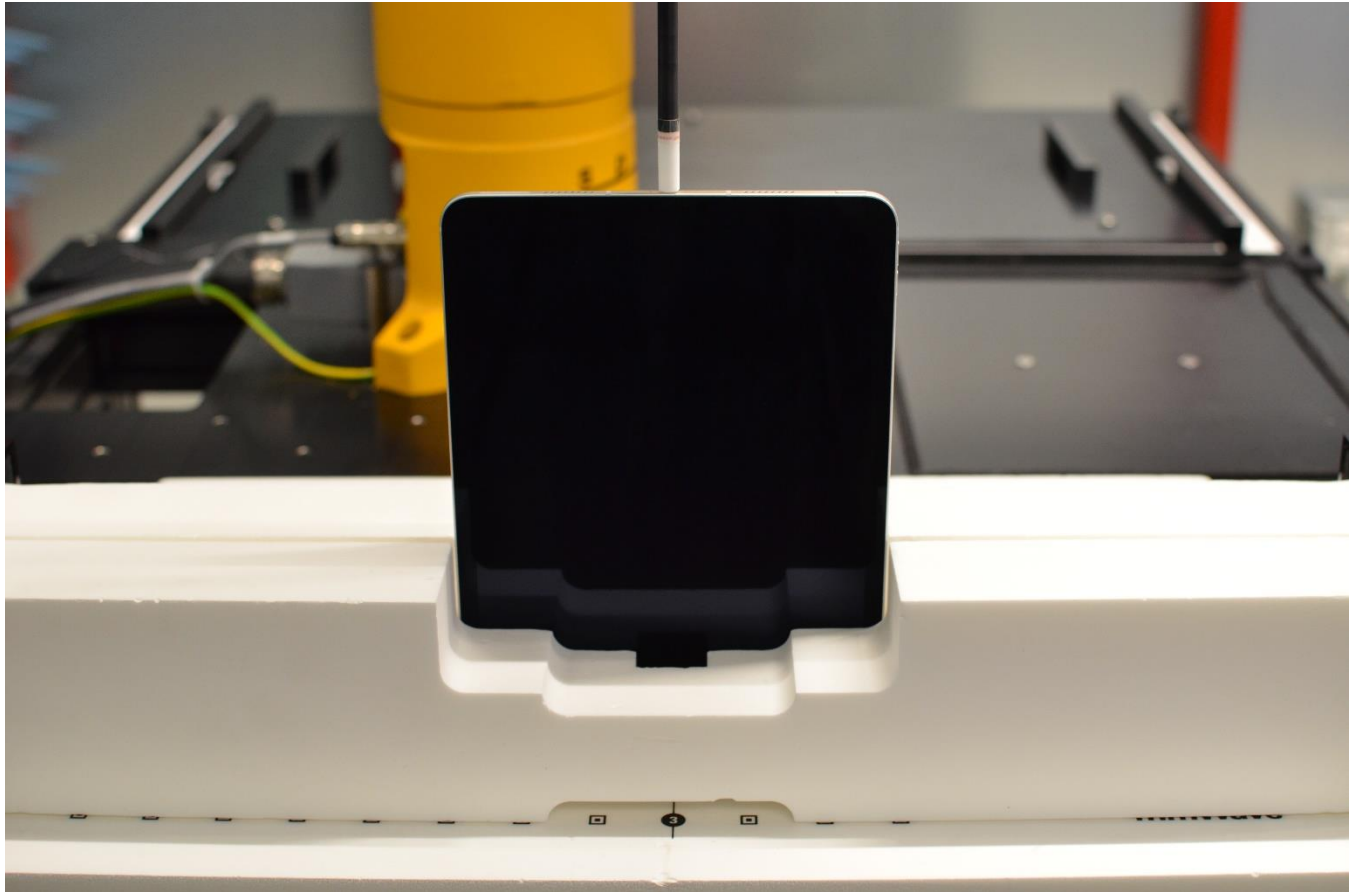



Figure D-4
Near Field Power Density Test Setup Photo – Top Edge at 2mm

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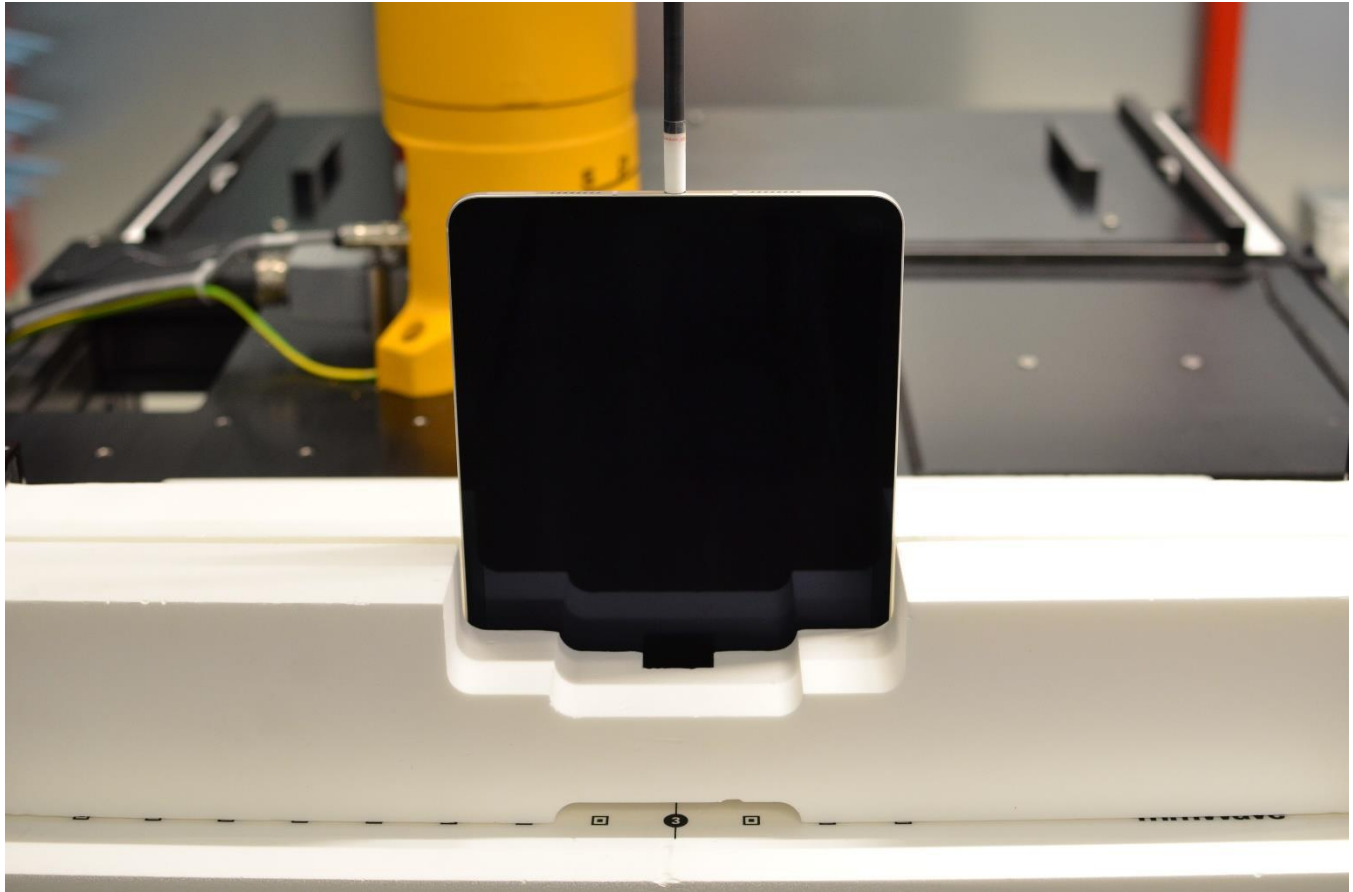




Figure D-5
Near Field Power Density Test Setup Photo - Bottom Edge at 2mm

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