

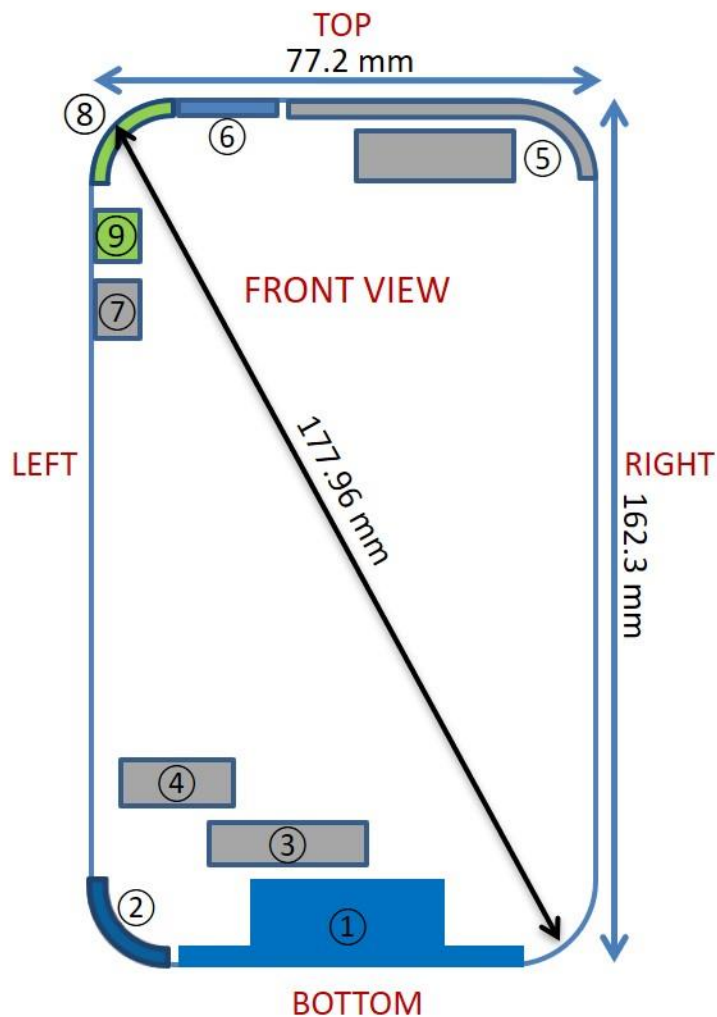


# APPENDIX E: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

<b>FCC ID:</b> A3LSMN976U	 <b>PCTEST</b> ENGINEERING LABORATORY, INC.	<b>SAR EVALUATION REPORT</b>		<b>Approved by:</b> Quality Manager
<b>Test Dates:</b> 11/18/19 – 11/25/19	<b>DUT Type:</b> Portable Handset			APPENDIX E: Page 1 of 9

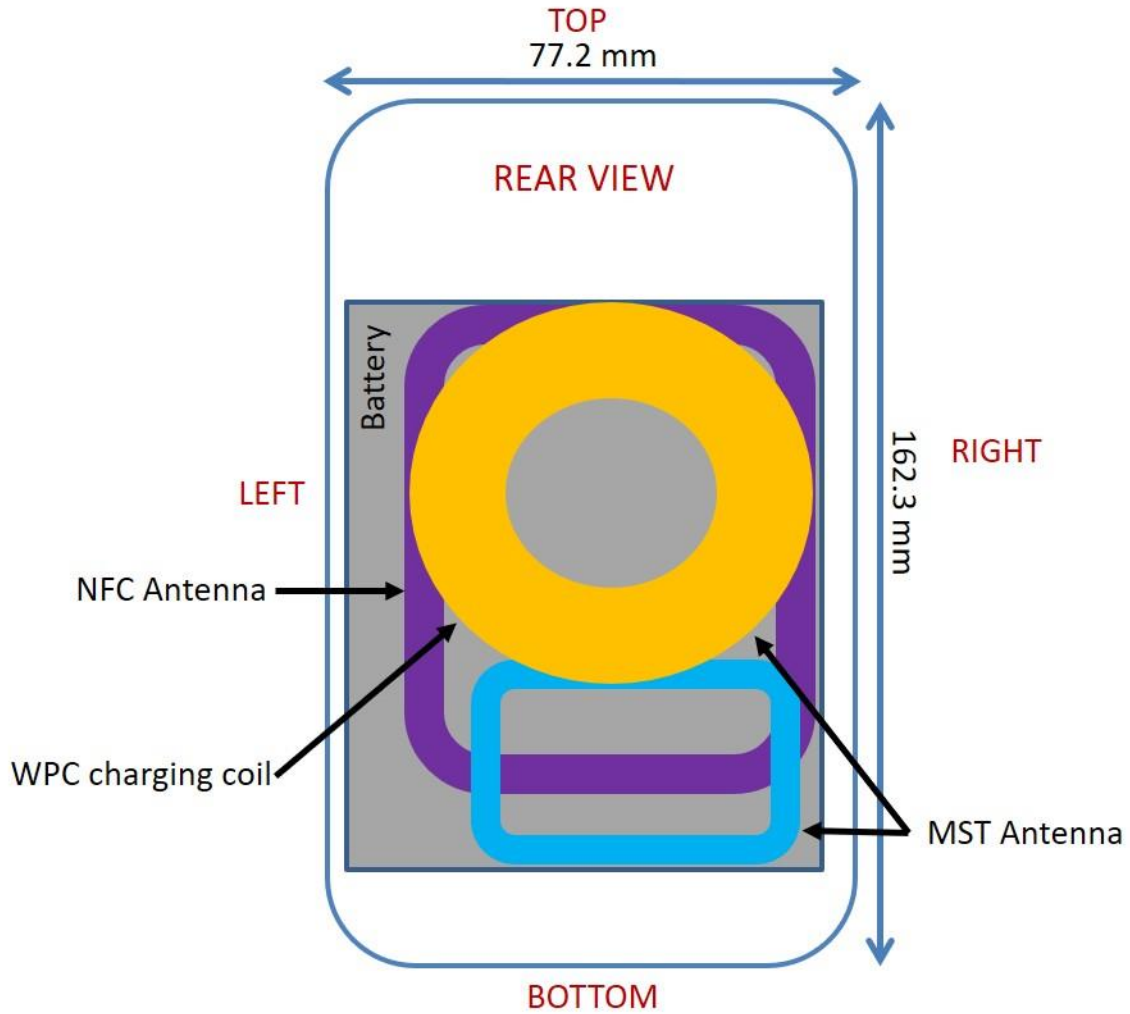
Note: Exact antenna dimensions and separation distances are shown in the Technical Descriptions in the FCC Filing.





- ① Main Band Antenna A Tx/Rx
  1. GSM/GPRS/EDGE 850/1900 Tx/Rx
  2. UMTS B2/4/5 Tx/Rx
  3. LTE B2/4/5/12/13/14/25/26/30/66/71 Tx/Rx
  4. LTE B29 Rx Only
  5. NR n5/71 Tx/Rx
- ② Main Band Antenna B Tx/Rx
  1. LTE B7/38/41/48 Tx/Rx
  2. LTE B2/4/25/66 Rx Only (4x4 DL MIMO)
  3. NR n41 Rx Only
- ③ Sub Antenna C Rx
  1. LTE B7/30/41 Rx Only (4x4 DL MIMO)
  2. NR n41 Rx Only (4x4 DL MIMO)
- ④ Sub Antenna D Rx
  1. LTE B48 Rx Only (4x4 DL MIMO)
- ⑤ Sub Antenna E Rx
  1. GSM/GPRS/EDGE 850 Rx Only
  2. UMTS B5 Rx Only
  3. LTE B5/12/13/14/26/48/71 Rx Only
  4. LTE B2/4/7/25/30/41/66 Rx Only (4x4 DL MIMO)
  5. LTE B29 Rx Only
  6. NR n5/71 Rx Only
  7. NR n41 Rx Only (4x4 DL MIMO)
- ⑥ Sub Antenna F Tx/Rx
  1. NR n41 Tx/Rx
  2. GSM/GPRS/EDGE 1900 Rx Only
  3. UMTS B2/4 Rx Only
  4. LTE B2/4/7/25/30/38/41/66 Rx Only
  5. GPS Rx Only
- ⑦ Sub Antenna G Rx
  1. LTE B48 Rx Only (4x4 DL MIMO)
- ⑧ WIFI Antenna #1
  1. 2.4/5GHz WiFi Ant\_1 Tx/Rx
  2. LTE B46 Rx Only
  3. BT/ANT+ Tx/Rx
- ⑨ WIFI Antenna #2
  1. 2.4/5GHz WiFi Ant\_2 Tx/Rx
  2. LTE B46 Rx Only

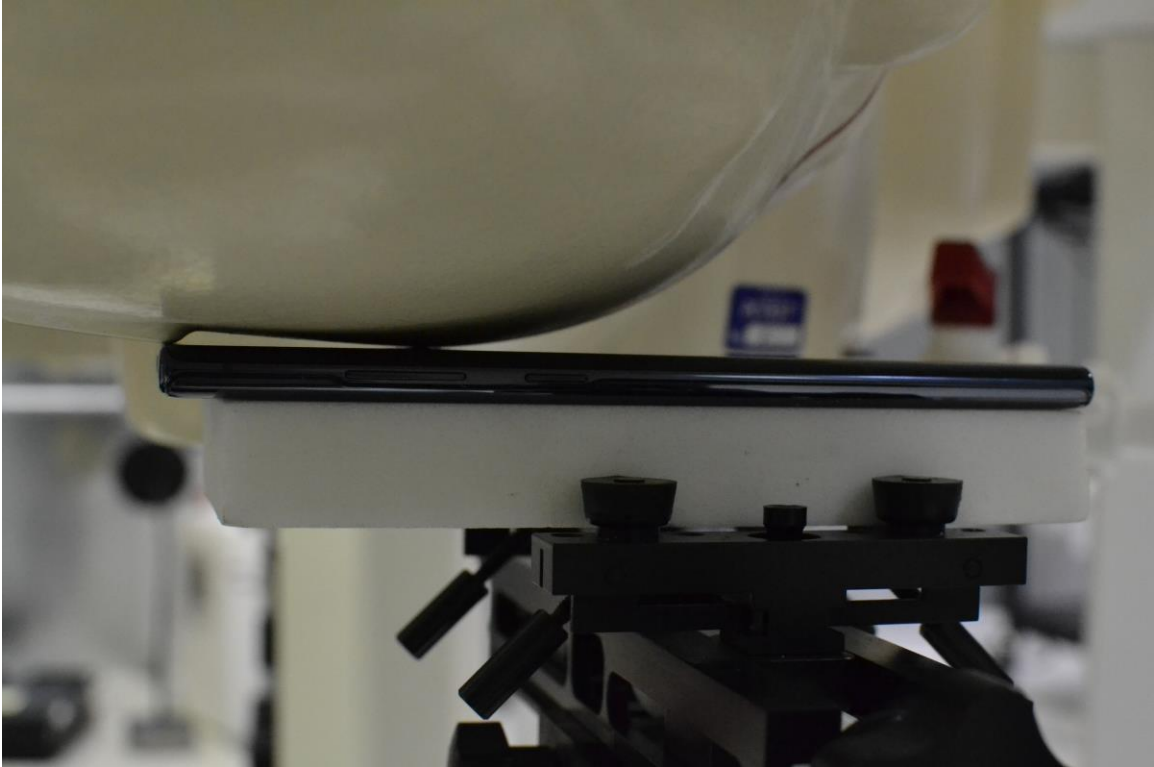
**Figure E-1**  
**DUT Antenna Locations**

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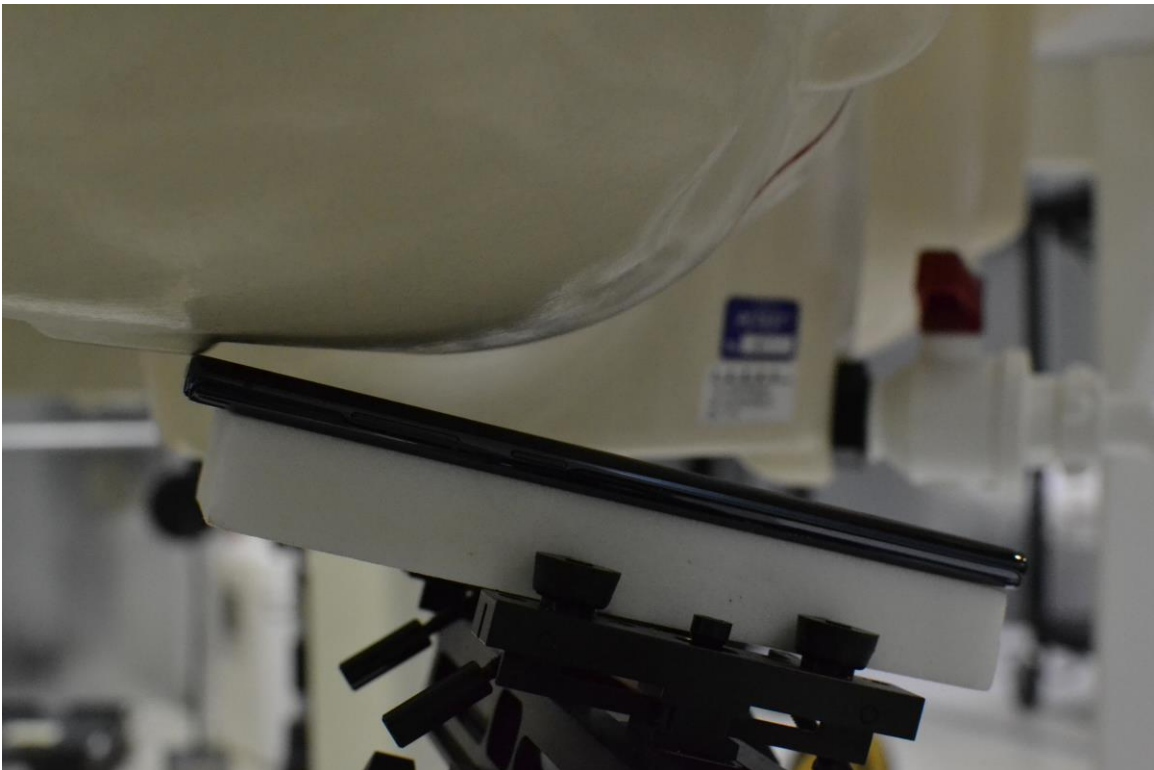


**Figure E-2**  
**NFC Antenna Locations**



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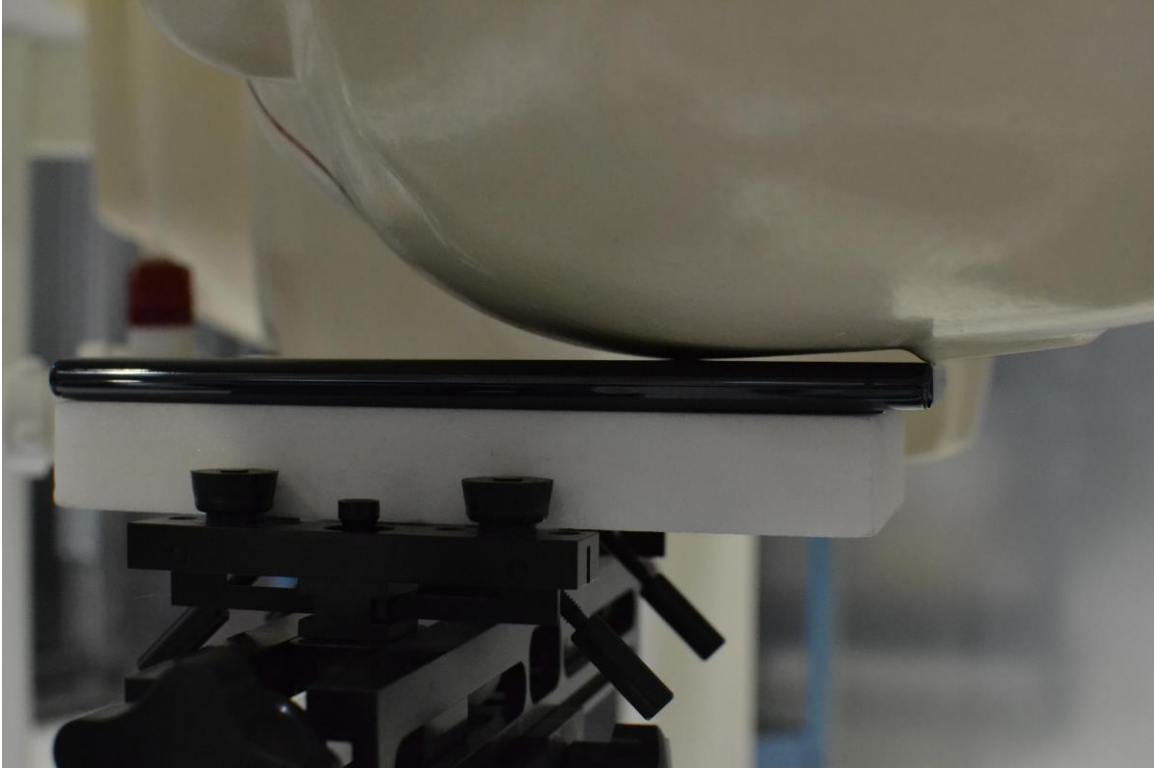


SAR Test Setup Photo 1 – Right Cheek

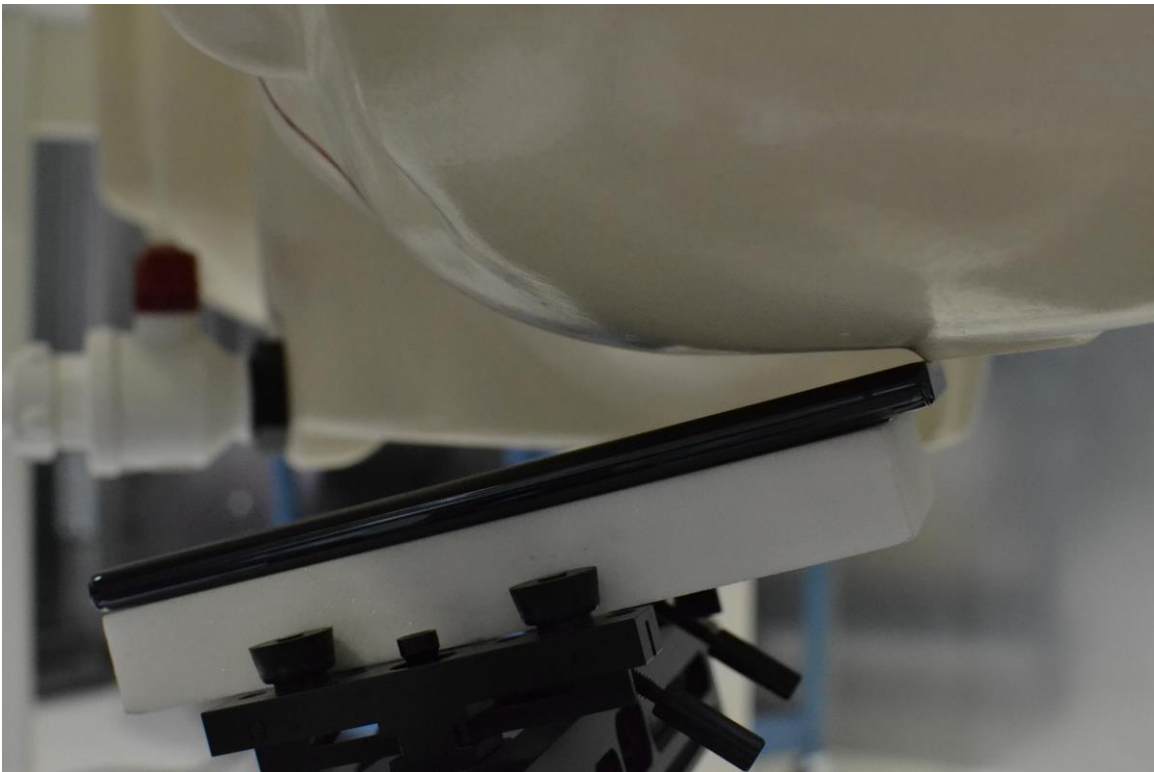


SAR Test Setup Photo 2 – Right Tilt



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SAR Test Setup Photo 3 – Left Cheek

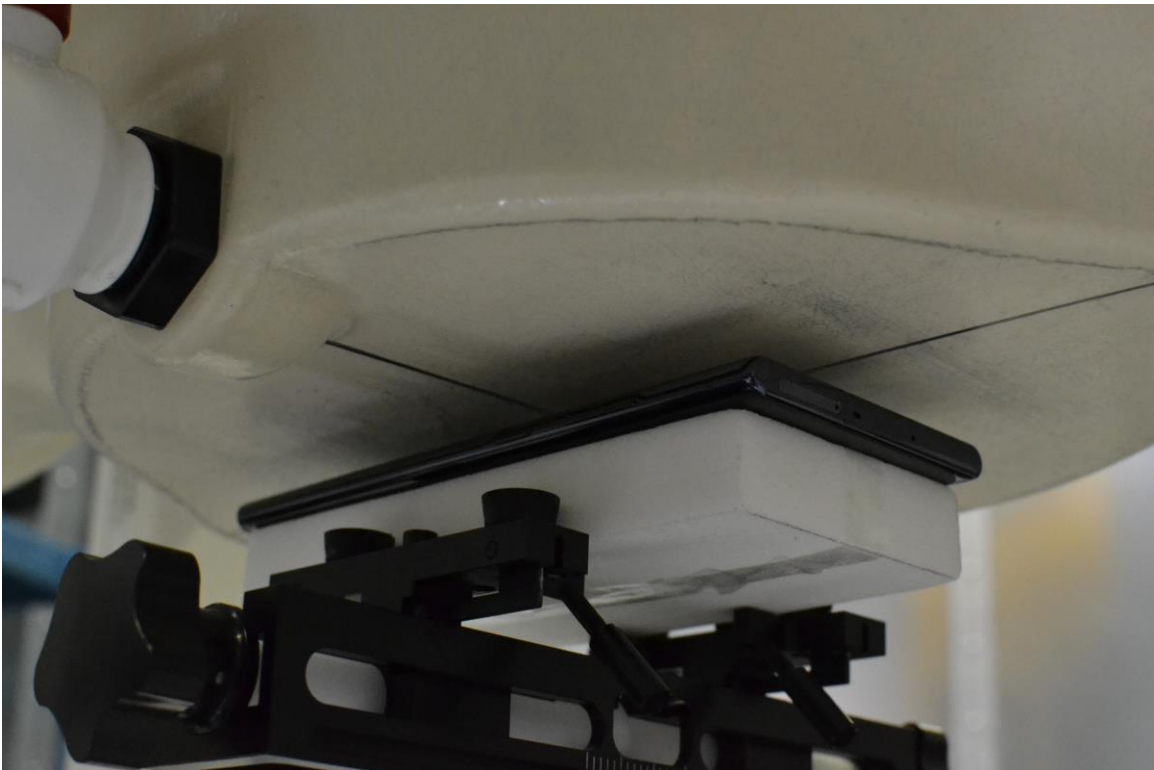


SAR Test Setup Photo 4 – Left Tilt



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SAR Test Setup Photo 5 – Back Side at 15 mm



SAR Test Setup Photo 6 – Back Side at 10 mm



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**SAR Test Setup Photo 7 – Front Side at 10 mm**

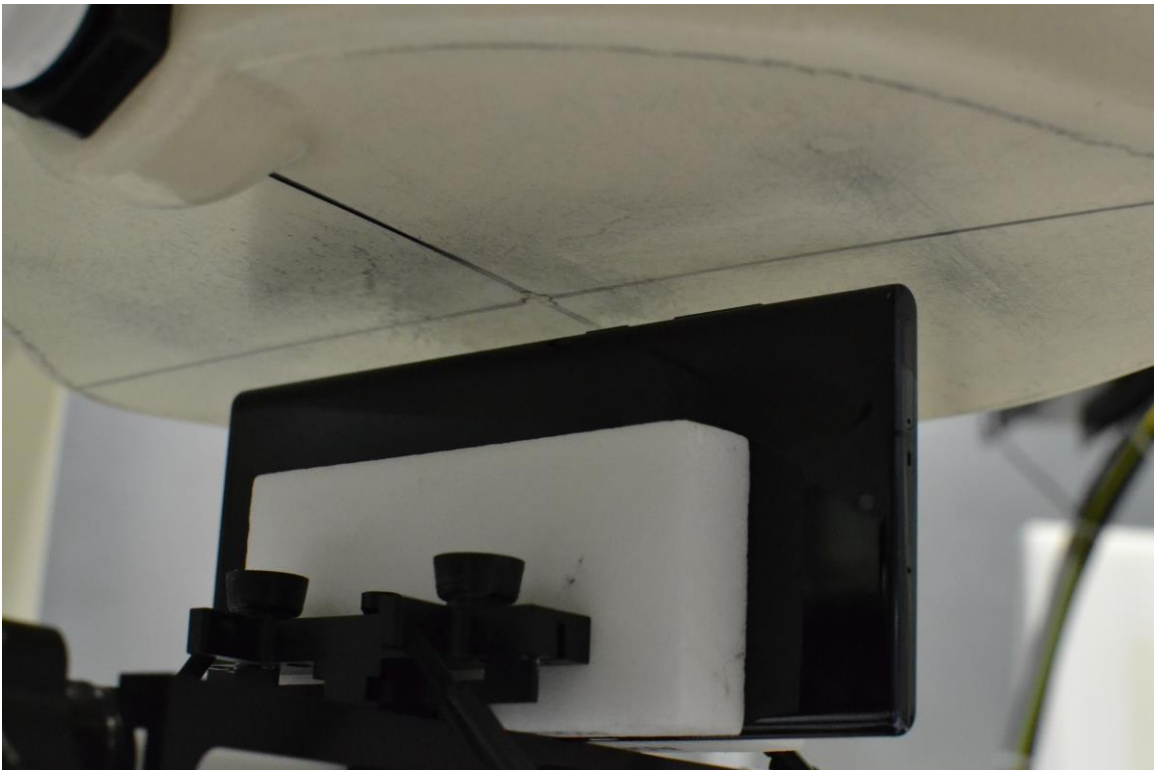


**SAR Test Setup Photo 8 – Top Side at 10 mm**



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SAR Test Setup Photo 9 – Right Side at 10 mm





SAR Test Setup Photo 10 – Left Side at 10 mm

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**SAR Test Setup Photo 11 – Vertical and Horizontal Reference Lines**

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