


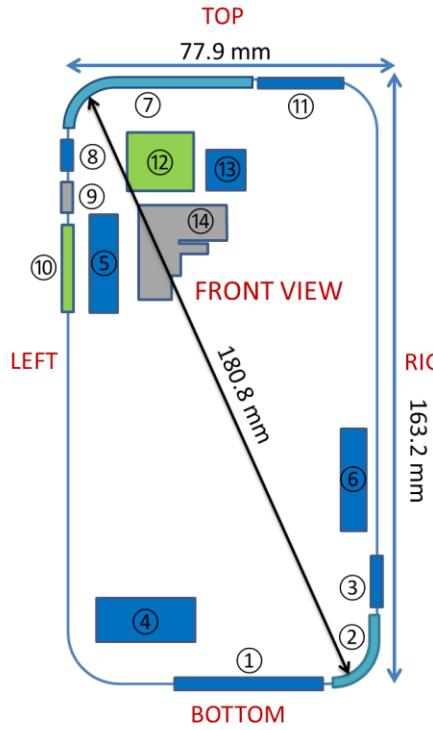


# APPENDIX F: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

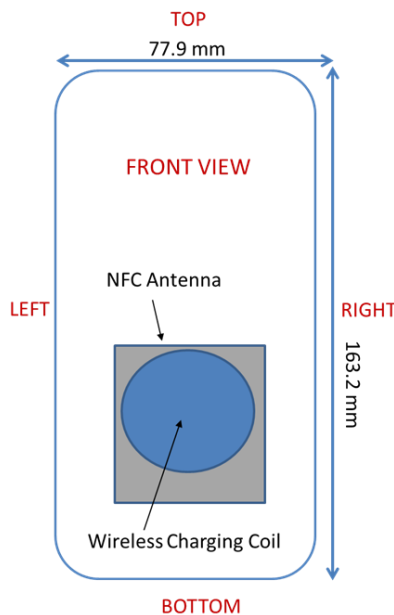
<b>FCC ID</b> A3LSMS908U	 <b>PCTEST</b> <small>Proud to be part of  element</small>	<b>SAR EVALUATION REPORT</b>		<b>Approved by:</b> Quality Manager
<b>Test Dates:</b> 10/31/21 – 11/15/21	<b>DUT Type:</b> Portable Handset			APPENDIX F: Page 1 of 8



- ① Main Band Antenna I Tx/Rx (Ant A)
  - 1. GSM/GPRS/EDGE 850/1900 MHz
  - 2. UMTS Band II/IV/V
  - 3. LTE Band 2/4/5/12/13/14/25/26/30/66/71
  - 4. LTE B29 (Rx Only)
  - 5. NR Band n2/5/12/25/30/66/71
- ② Main Band Antenna II Tx/Rx (Ant B)
  - 1. NR Band n41 (SRS) Tx/Rx
  - 2. LTE Band 7/41
  - 3. NR Band n7
  - 4. NR Band n41/38 DRX (Rx Only)
- ③ Main Band Antenna III (Ant C)
  - 1. NR Band n77 (SRS) Tx/Rx
  - 2. LTE Band 2/4/25/30/66 4x4 MIMO (Rx Only)
  - 3. NR Band n2/25/30/66 4x4 MIMO (Rx Only)
  - 4. LTE Band 48 (Rx Only)
  - 5. NR Band n7/48 (Rx Only)
- ④ Main Band Antenna IV (Ant D)
  - 1. NR Band n41/77 (SRS) Tx/Rx
  - 2. LTE Band 41 4x4 MIMO (Rx Only)
  - 3. LTE Band 48 (Rx Only)
  - 4. NR Band n41/48/77 (Rx Only)
- ⑤ mmWave Tx/Rx (Ant M)
  - 1. NR mm Wave Band n258/260/261
- ⑥ mmWave Tx/Rx (Ant N)
  - 1. NR mm Wave Band n258/260/261
- ⑦ Sub Antenna I (Ant E)
  - 1. NR Band n41 (SRS) Tx/Rx
  - 2. GSM/GPRS/EDGE 850 MHz (Rx Only)
  - 3. UMTS Band V (Rx Only)
  - 4. LTE Band 5/12/13/14/26/71/29 (Rx Only)
  - 5. NR Band n5/12/71 (Rx Only)
  - 6. NR Band n41 4x4 MIMO (Rx Only)
  - 7. LTE Band 2/4/25/30/41/66 4x4 MIMO (Rx Only)
  - 8. NR Band n2/25/30/66 4x4 MIMO (Rx Only)
- ⑧ Sub Antenna II Tx/Rx (Ant F)
  - 1. LTE Band 48
  - 2. NR Band n48/77
- ⑨ Sub Antenna III (Ant G)
  - 1. UWB Range
- ⑩ WIFI Antenna II Tx/Rx (Ant H)
  - 1. 2.4 GHz WLAN Ant 2
  - 2. 5 GHz WLAN Ant 2
  - 3. 6 GHz WLAN Ant 2
  - 4. 2.4 GHz Bluetooth Ant 2
  - 5. LTE B46 4x4 MIMO (Rx Only)
- ⑪ Sub Antenna IV Tx/Rx (Ant J)
  - 1. NR Band n2/25/30/66
  - 2. NR Band n38/41
  - 3. GSM/GPRS/EDGE 1900 MHz (Rx Only)
  - 4. UMTS Band II/IV (Rx Only)
  - 5. LTE Band 2/4/7/25/30/38/41/66 (Rx Only)
  - 6. NR Band n7 (Rx Only)
  - 7. GPS L1
- ⑫ WIFI Antenna I Tx/Rx (Ant K)
  - 1. 2.4 GHz WLAN Ant 1
  - 2. 5 GHz WLAN Ant 1
  - 3. 6 GHz WLAN Ant 1
  - 4. 2.4 GHz Bluetooth Ant 1
  - 5. LTE B46 4x4 MIMO (Rx Only)
- ⑬ Sub Antenna V (Ant I)
  - 1. NR Band n77 (SRS) Tx/Rx
  - 2. LTE B48 4x4 MIMO (Rx Only)
  - 3. NR Band n48/77 4x4 MIMO (Rx Only)
- ⑭ UWB Antenna

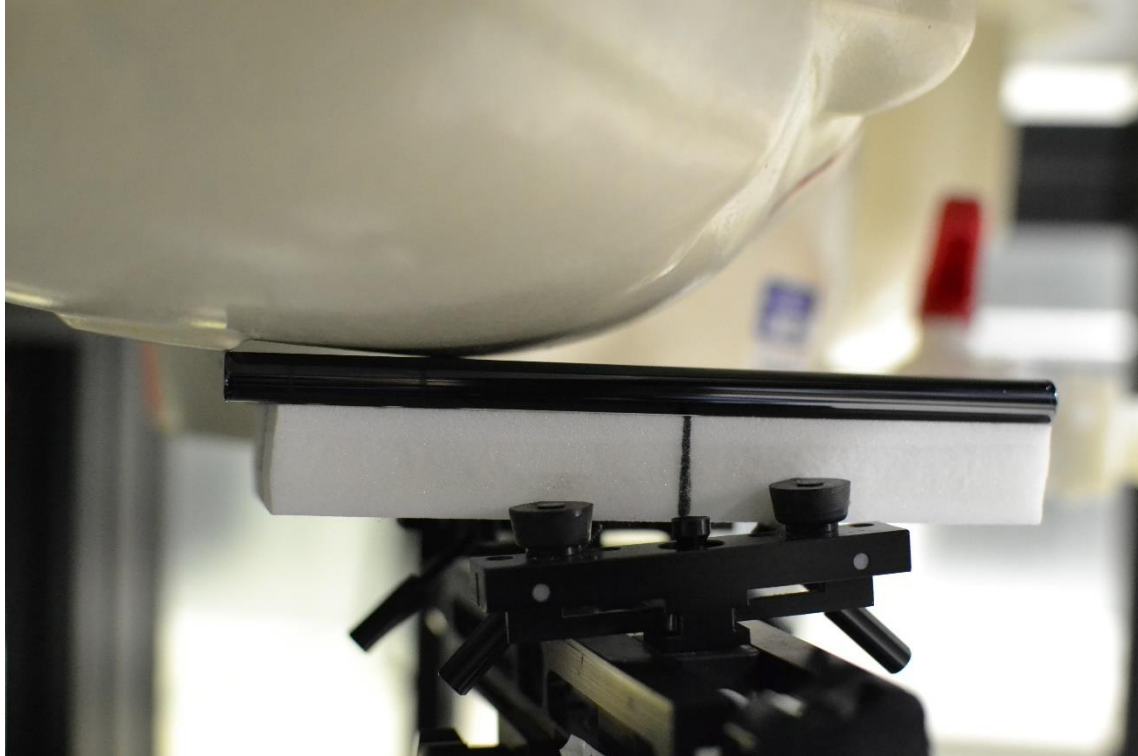
Note: Exact antenna dimensions and separation distances are shown in the Technical Descriptions in the FCC Filing.

**Figure F-1**  
**DUT Antenna Locations**

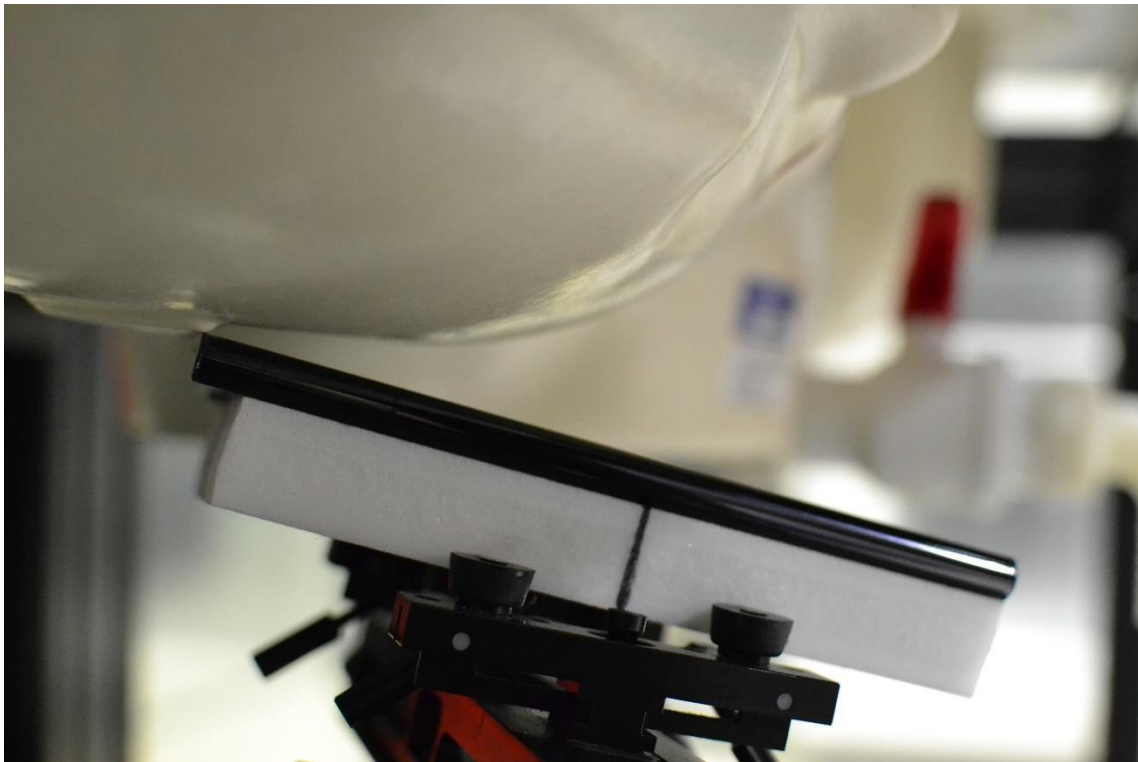


**Figure F-2**  
**NFC Antenna Locations**



FCC ID A3LSMS908U	PCTEST Proud to be part of element	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 10/31/21 – 11/15/21	DUT Type: Portable Handset			APPENDIX F: Page 2 of 8

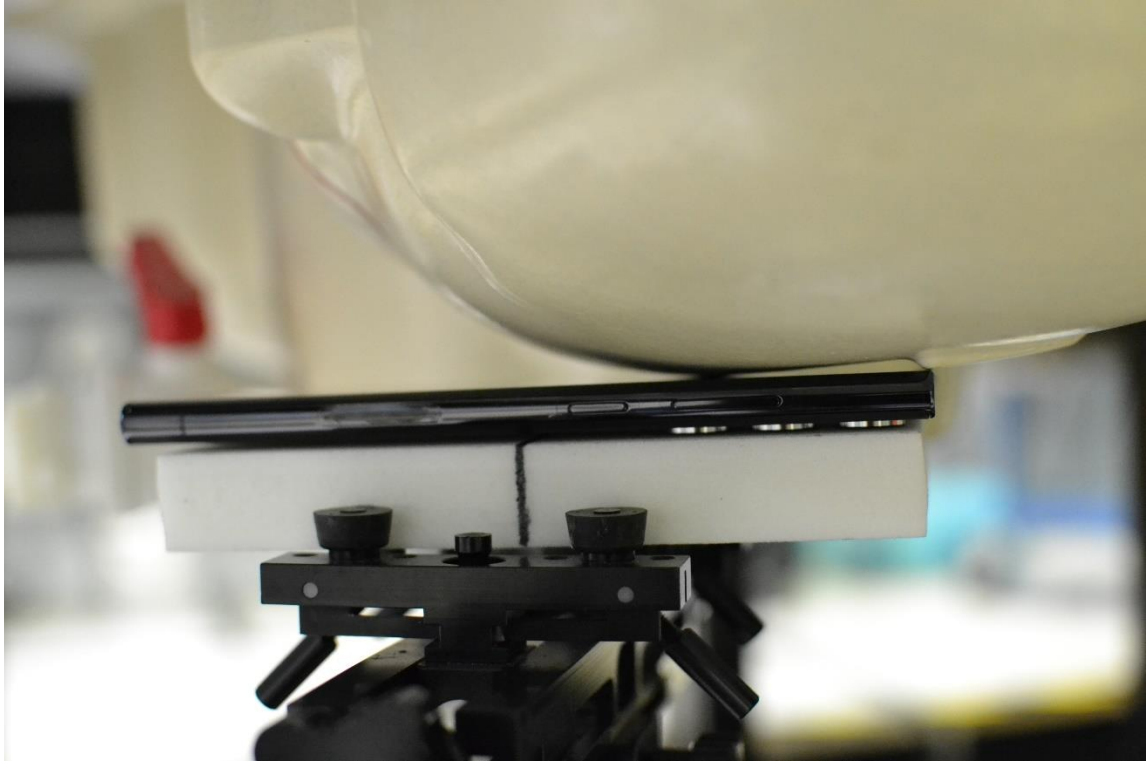


SAR Test Setup Photo 1 – Head, Right Cheek, 0 mm

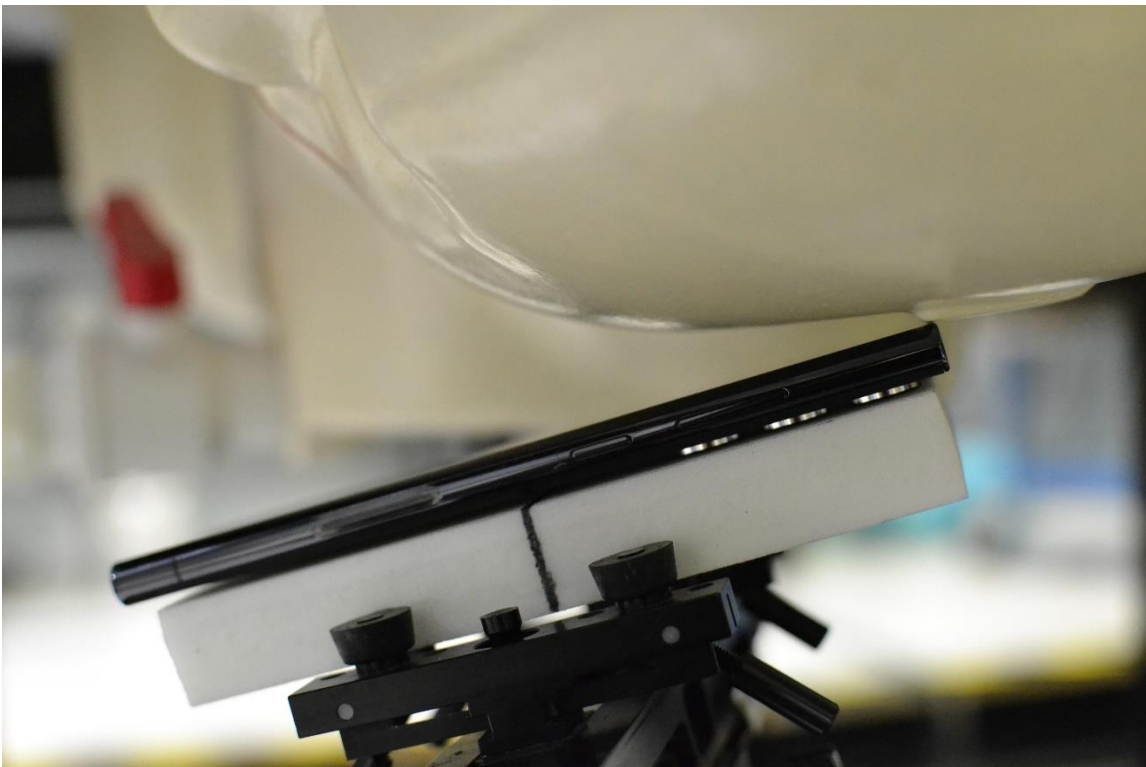


SAR Test Setup Photo 2 – Head, Right Tilt, 0 mm



<b>FCC ID</b> A3LSMS908U	 <small>Proud to be part of element</small>	<b>SAR EVALUATION REPORT</b>		<b>Approved by:</b> Quality Manager
<b>Test Dates:</b> 10/31/21 – 11/15/21	<b>DUT Type:</b> Portable Handset			<b>APPENDIX F:</b> Page 3 of 8

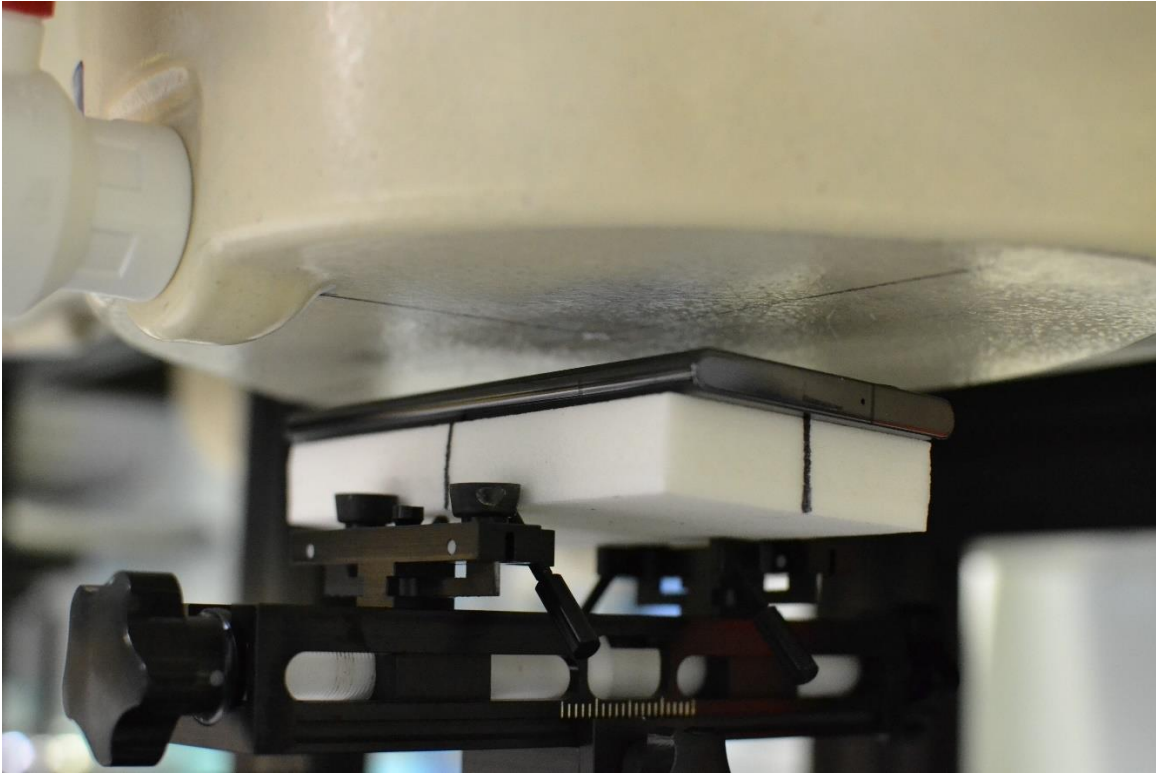


SAR Test Setup Photo 3 – Head, Left Cheek, 0 mm

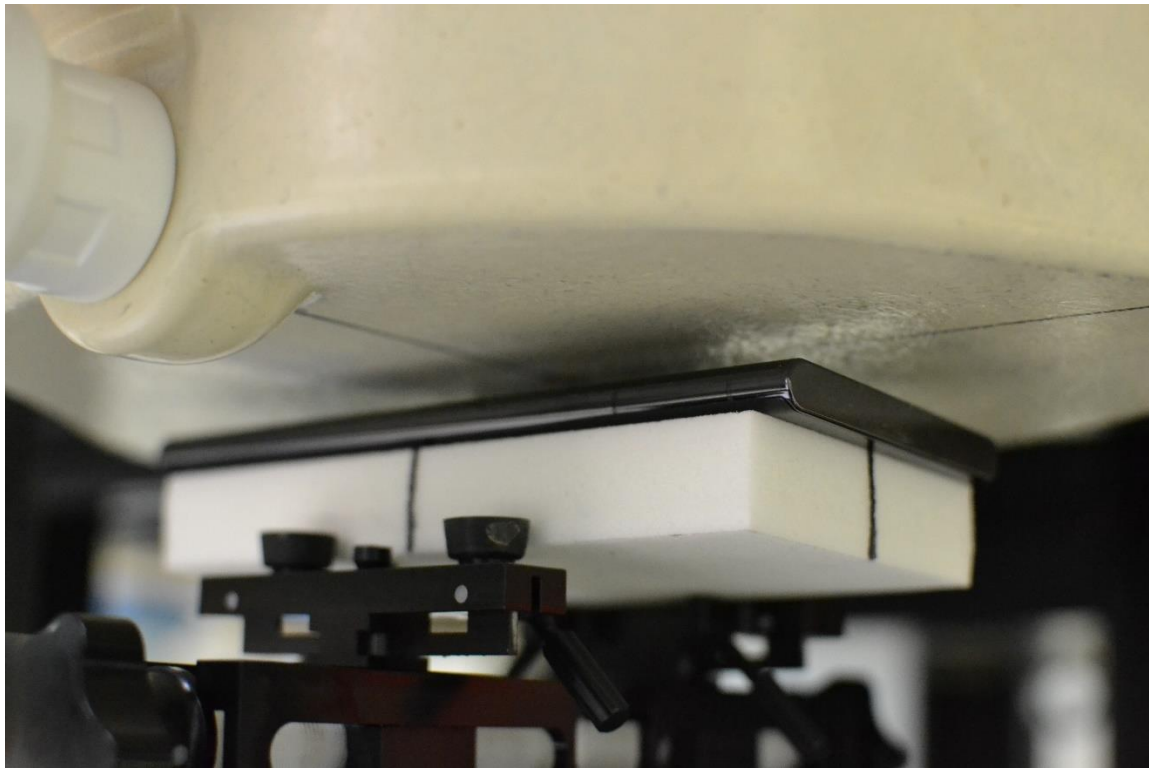


SAR Test Setup Photo 4 – Head, Left Tilt, 0 mm



<p>FCC ID A3LSMS908U</p>		<p>SAR EVALUATION REPORT</p>		<p>Approved by: Quality Manager</p>
<p>Test Dates: 10/31/21 – 11/15/21</p>	<p>DUT Type: Portable Handset</p>	<p>APPENDIX F: Page 4 of 8</p>		

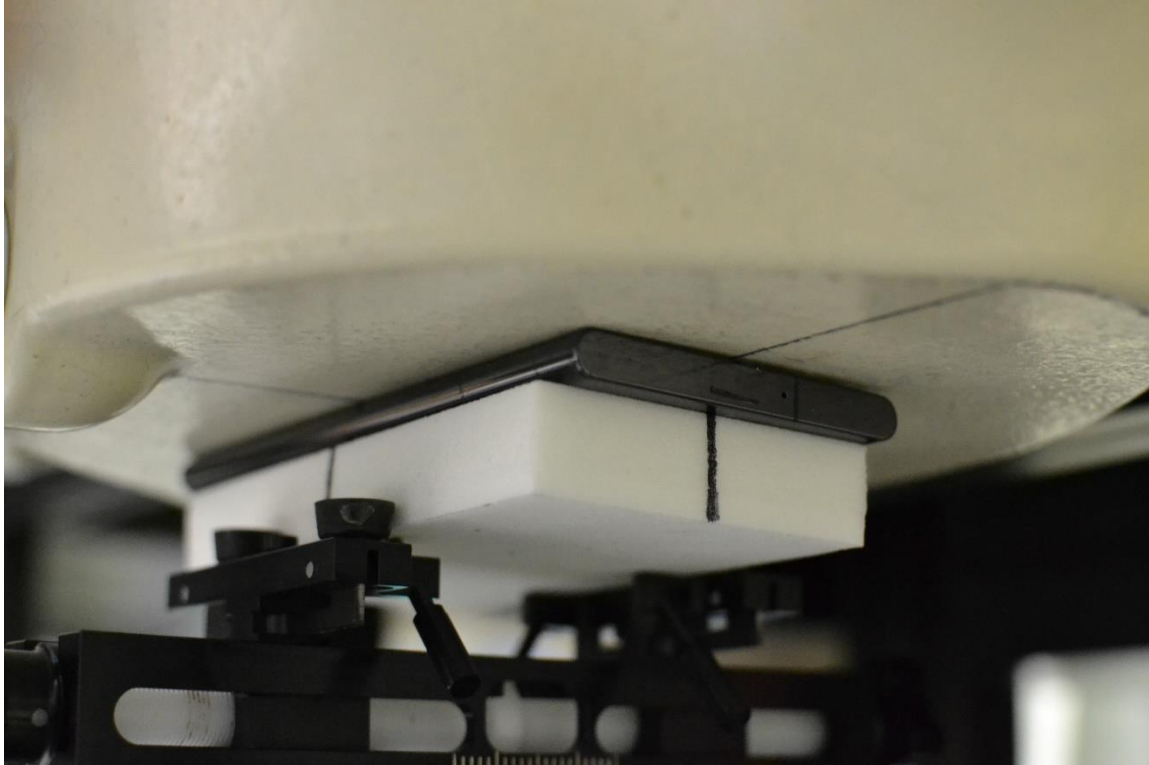


**SAR Test Setup Photo 5 – Body-worn, Back Side at 15mm**

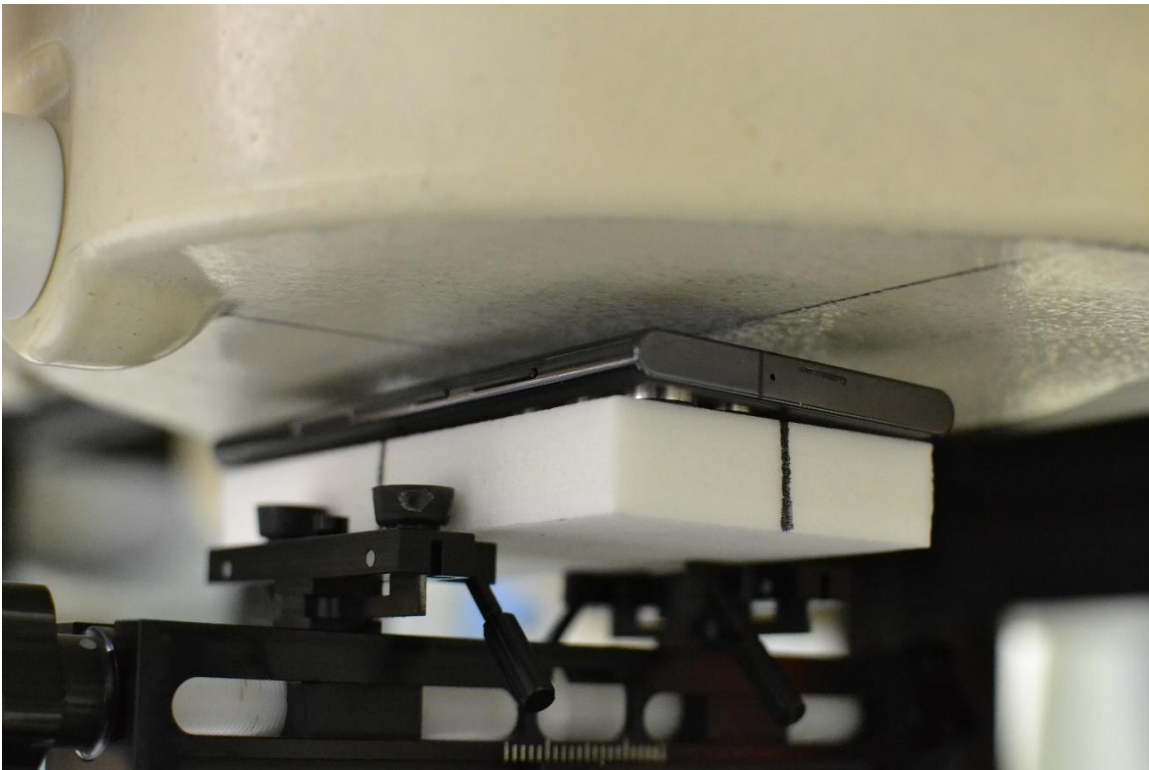


**SAR Test Setup Photo 6 – Hotspot, Back Side at 10mm**



FCC ID A3LSMS908U	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
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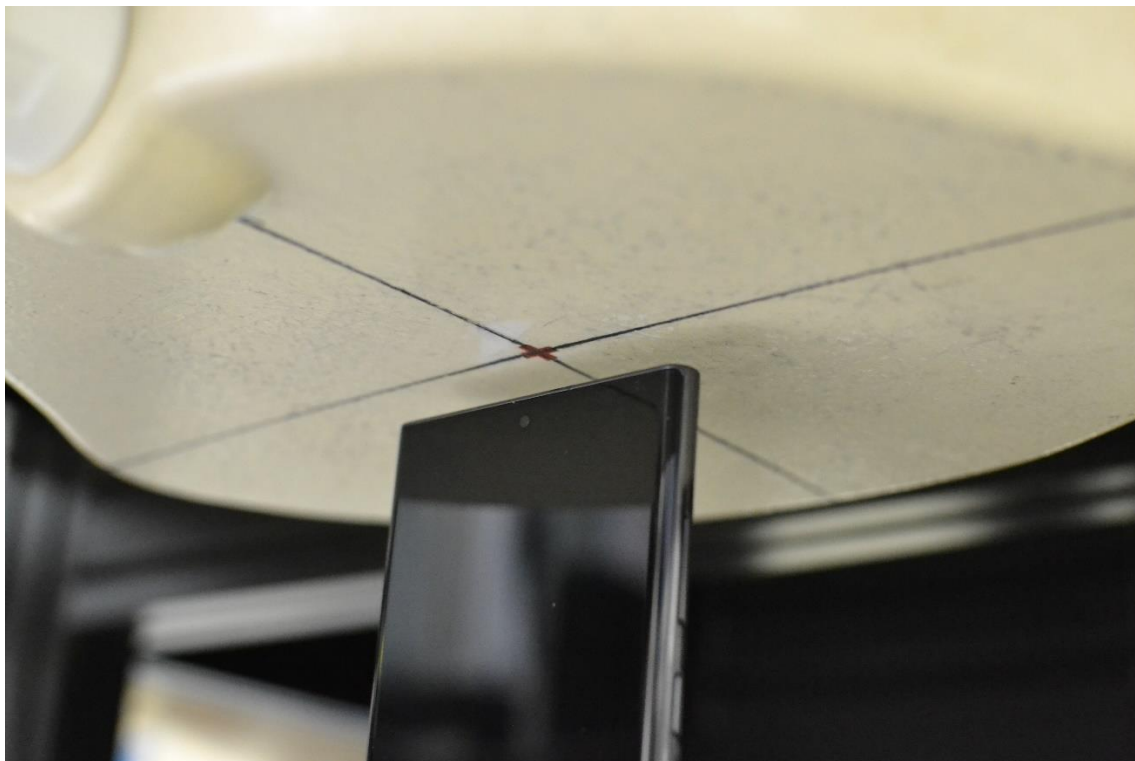


**SAR Test Setup Photo 7 – Phablet, Back Side at 0mm**

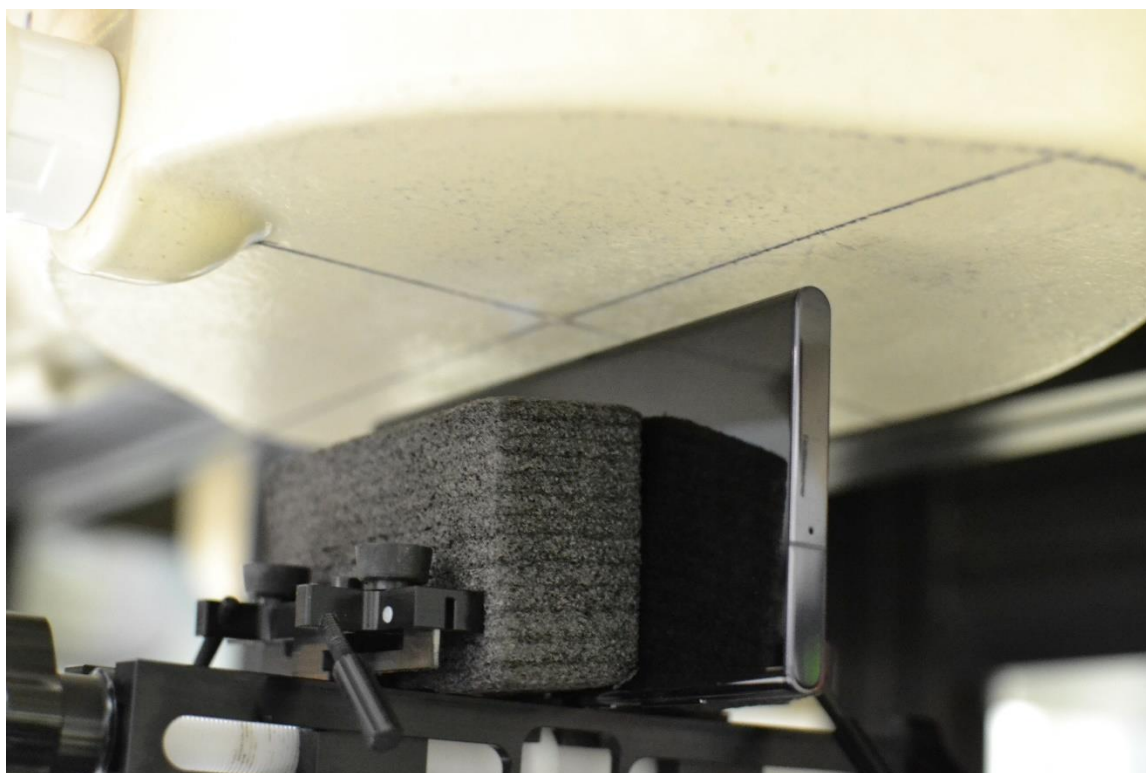


**SAR Test Setup Photo 8 – Hotspot, Front Side at 10mm**



<b>FCC ID</b> A3LSMS908U	 <small>Proud to be part of element</small>	<b>SAR EVALUATION REPORT</b>		<b>Approved by:</b> Quality Manager
<b>Test Dates:</b> 10/31/21 – 11/15/21	<b>DUT Type:</b> Portable Handset	<b>APPENDIX F:</b> Page 6 of 8		

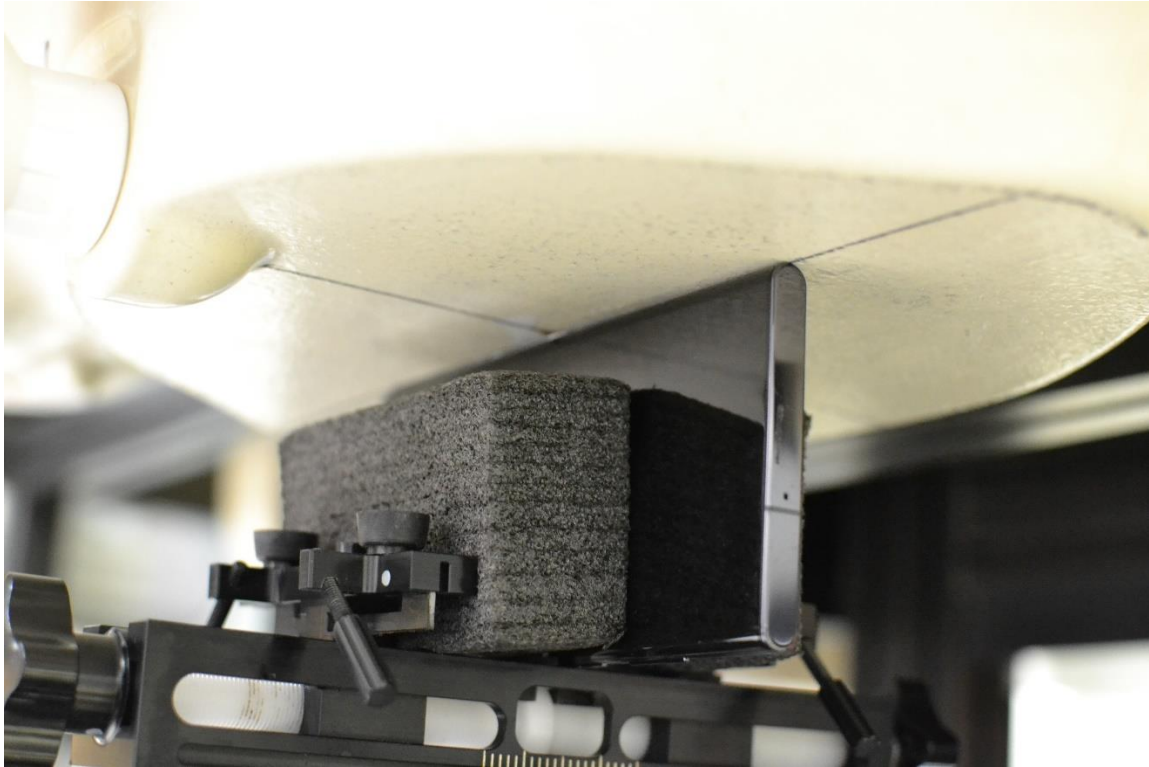


**SAR Test Setup Photo 9 – Hotspot, Top Edge at 10mm**

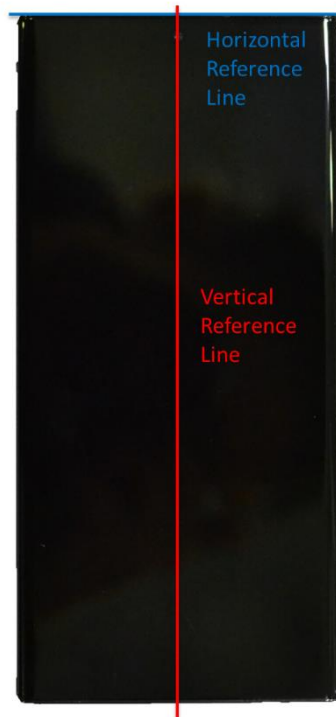


**SAR Test Setup Photo 10 – Hotspot, Left Edge at 10mm**



<b>FCC ID</b> A3LSMS908U	 <small>Proud to be part of element</small>	<b>SAR EVALUATION REPORT</b>	 <b>Approved by:</b> Quality Manager
<b>Test Dates:</b> 10/31/21 – 11/15/21	<b>DUT Type:</b> Portable Handset	<b>APPENDIX F:</b> Page 7 of 8	



SAR Test Setup Photo 11 – Phablet, Left Edge at 0mm



SAR Test Setup Photo 12 – Reference Lines

<b>FCC ID</b> A3LSMS908U	 <small>Proud to be part of the element</small>	<b>SAR EVALUATION REPORT</b>	 <b>Approved by:</b> Quality Manager
<b>Test Dates:</b> 10/31/21 – 11/15/21	<b>DUT Type:</b> Portable Handset	<b>APPENDIX F:</b> Page 8 of 8	