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



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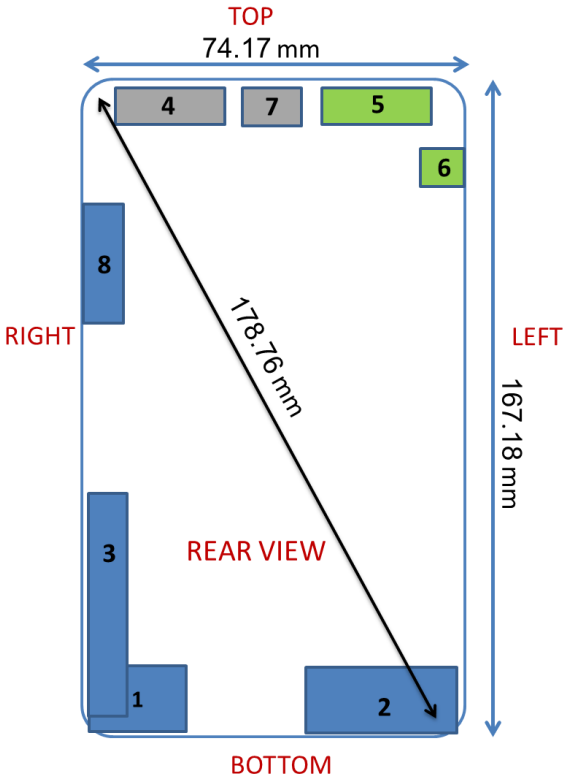
Note: Exact antenna dimensions and separation distances are shown in the Technical Descriptions in the FCC Filing.




1. Main Band Antenna I Tx/Rx
   1. CDMA/EVDO BC0/BC10
   2. GSM/GPRS/EDGE 850 MHz
   3. UMTS Band V
   4. LTE Band 71/12/17/13/5/26
   5. NR FR1 n71
   6. Inter-band ULCA B12 (PCC & SCC) when CA_12A-66A, CA_2A-12A ULCA Active
2. Main Band Antenna II Tx/Rx
   1. CDMA/EVDO BC1
   2. GSM/GPRS/EDGE 1900 MHz
   3. UMTS Band II/IV
   4. LTE Band 66/4/25/2/41
   5. NR NSA FR1 n66/n25 Rx only
   6. NR SA FR1 n66/n25 Tx/Rx
   7. NR NSA/SA FR1 n41 Rx only
3. Main Band Antenna III Tx/Rx
   1. LTE Band 66/4/25/2 Rx only
   2. NR FR1 NSA n66/n25 Tx/Rx
   3. NR FR1 SA n66/n25 Rx only
   4. Inter-band ULCA 66/2 (PCC & SCC) when CA_12A-66A, CA_2A-12A ULCA Active
4. Sub Band Antenna I Rx Only
   1. CDMA/EVDO BC0/BC10/BC1
   2. GSM/GPRS/EDGE 850/1900 MHz
   3. UMTS Band II/IV/V
   4. LTE Band 71/12/17/13/5/26/66/4/25/2/41
   5. NR NSA/SA FR1 n71/n66/n25/n41
5. Wi-Fi Band Antenna II Tx/Rx
   1. 2.4 GHz Wi-Fi
   2. 5 GHz Wi-Fi
   3. GNSS Rx only
6. Wi-Fi Band Antenna I Tx/Rx
   1. 2.4 GHz Wi-Fi
   2. 5 GHz Wi-Fi
   3. 2.4 GHz Bluetooth
7. Sub Band Antenna II Rx Only
   1. LTE Band 66/4/25/2/41
   2. NR NSA/SA FR1 n66/n25/n41
8. Main Band Antenna IV Tx/Rx Only
   1. NR NSA/SA FR1 n41
   2. LTE Band 41 Rx Only

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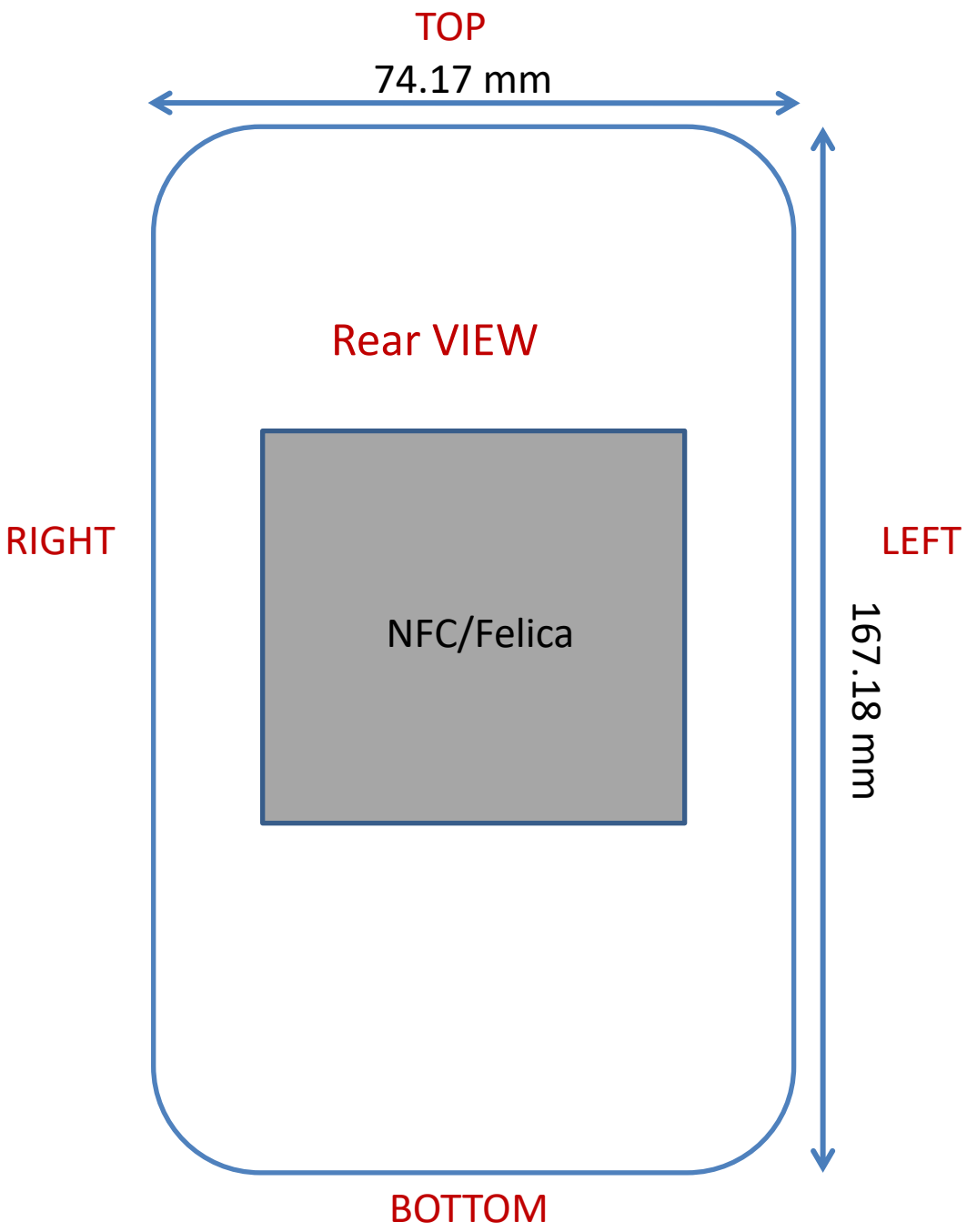


**Figure E-2**
**NFC/Felica Antenna Location**


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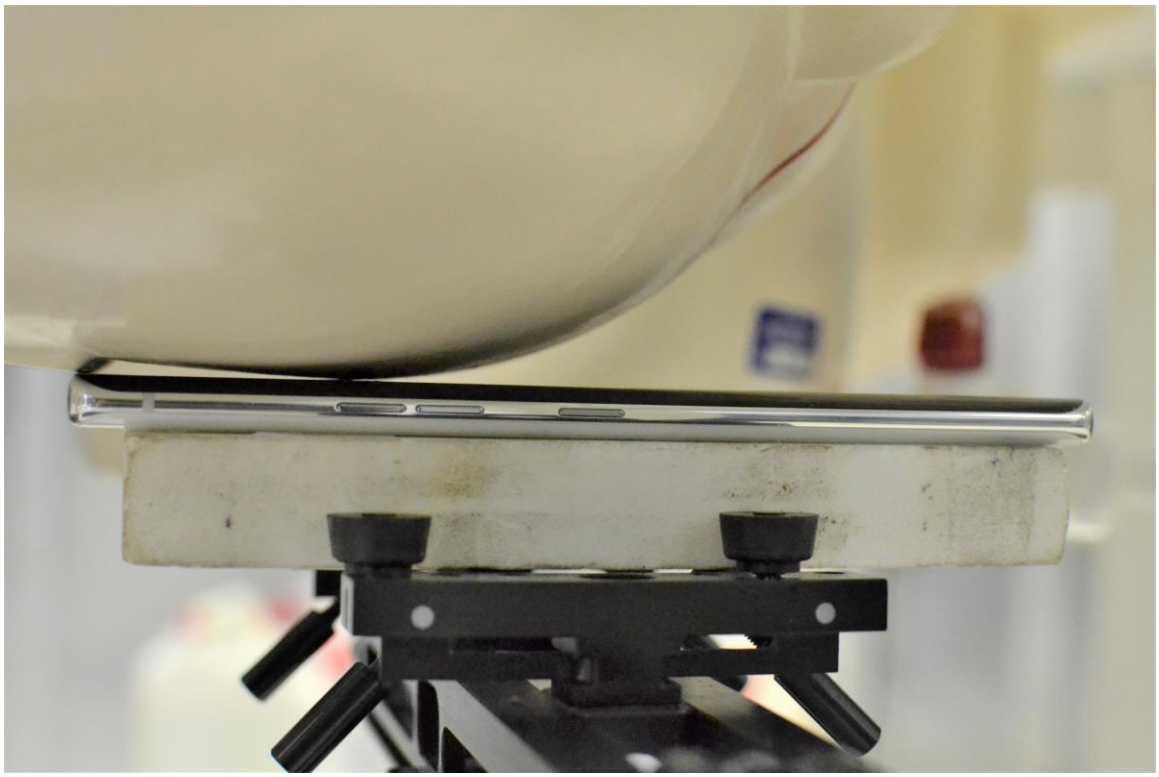
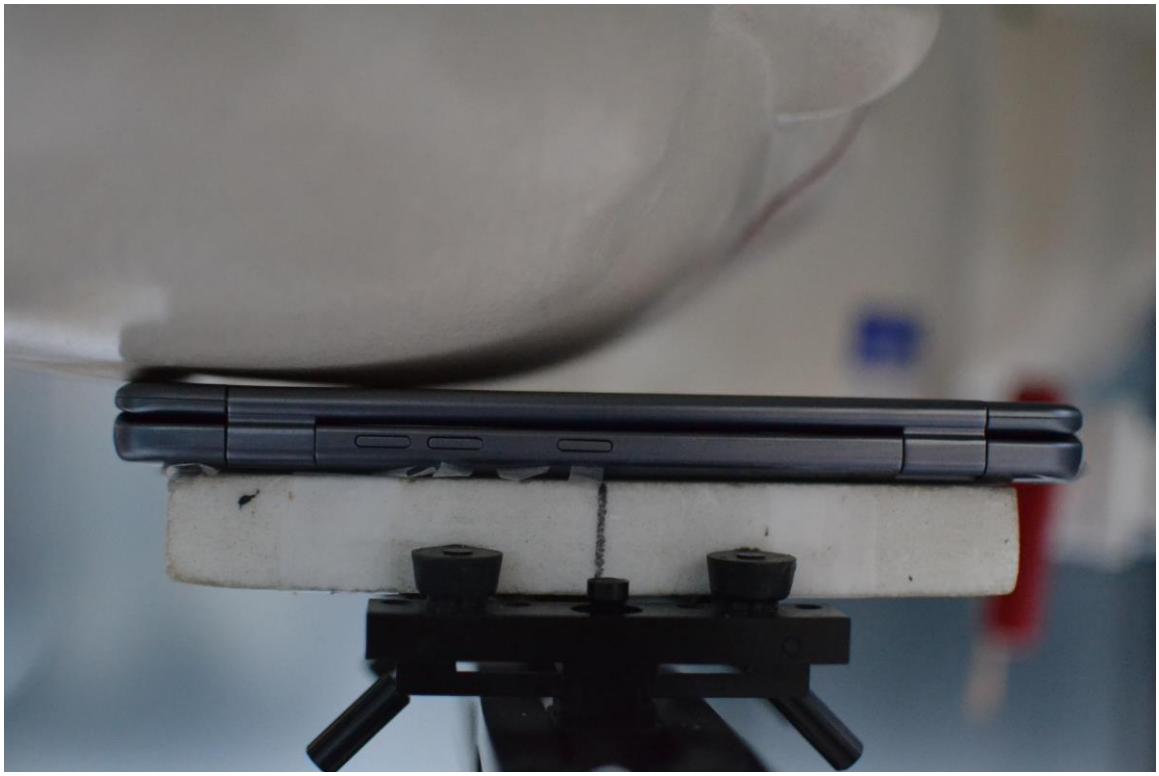


**SAR Test Setup Photo 1 – Right Cheek**



**SAR Test Setup Photo 2 – Right Cheek with Dual Display Accessory Position #1**



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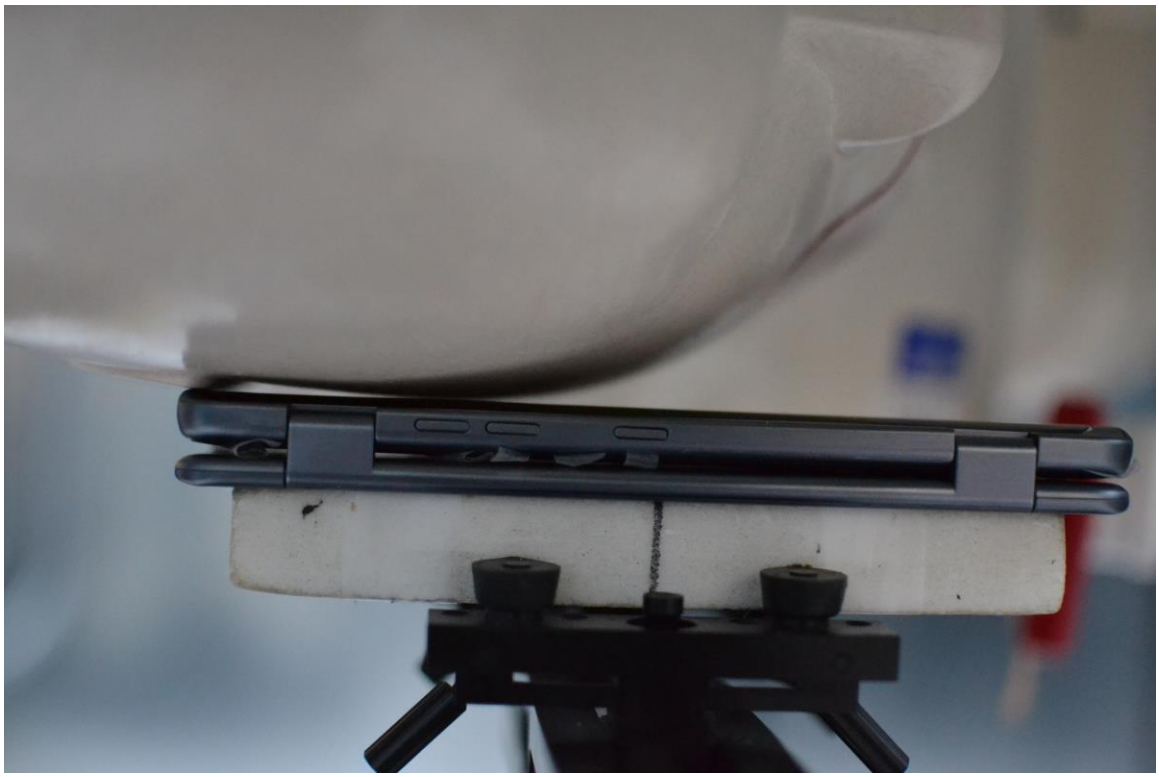
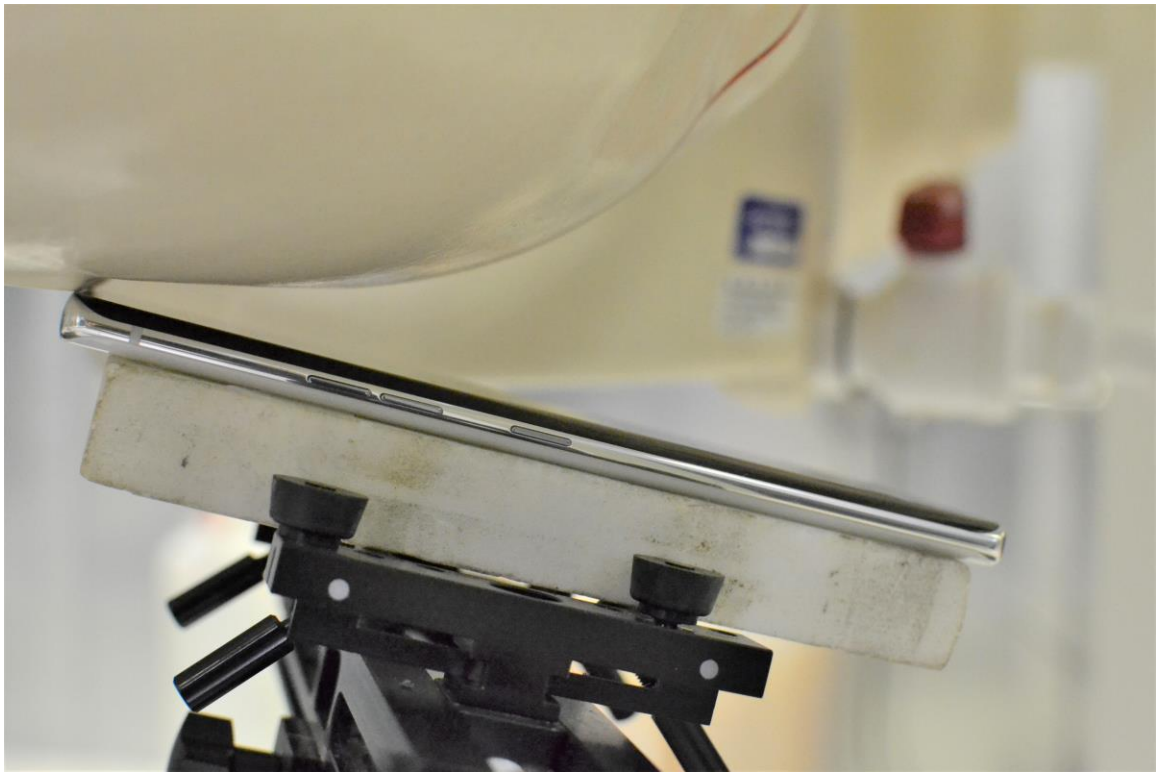


**SAR Test Setup Photo 3 – Right Cheek with Dual Display Accessory Position #3**



**SAR Test Setup Photo 4 – Right Tilt**



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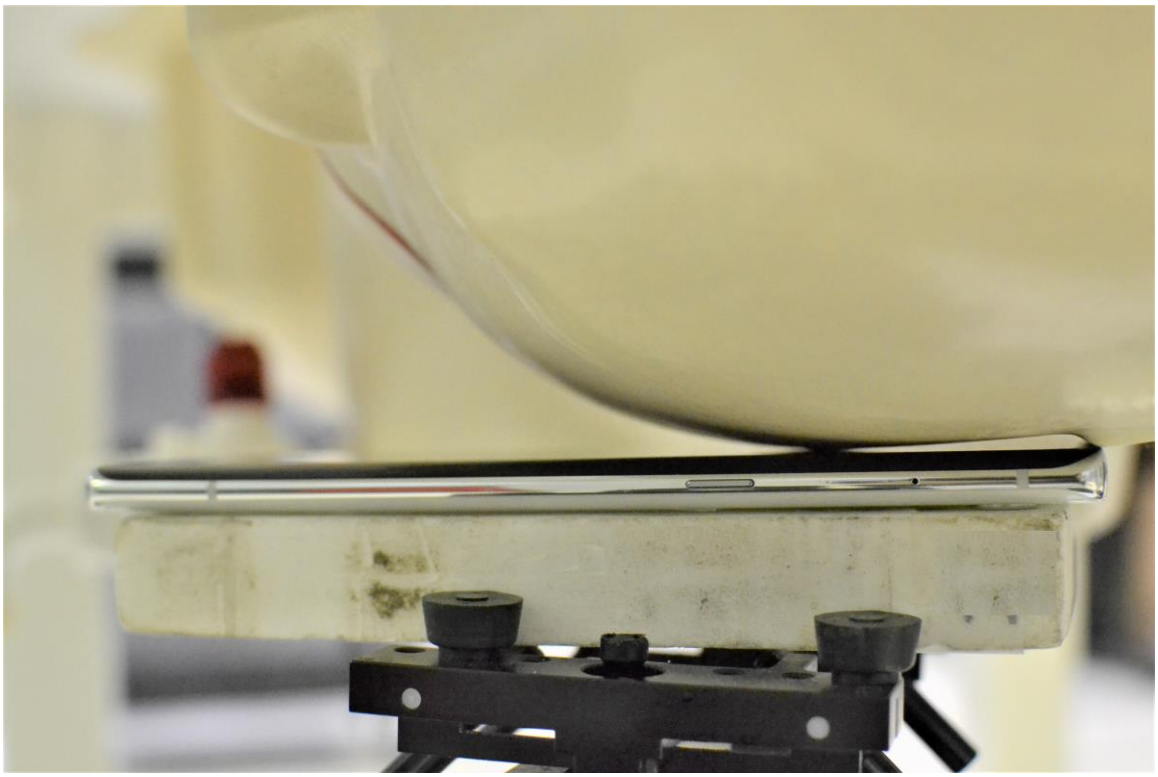
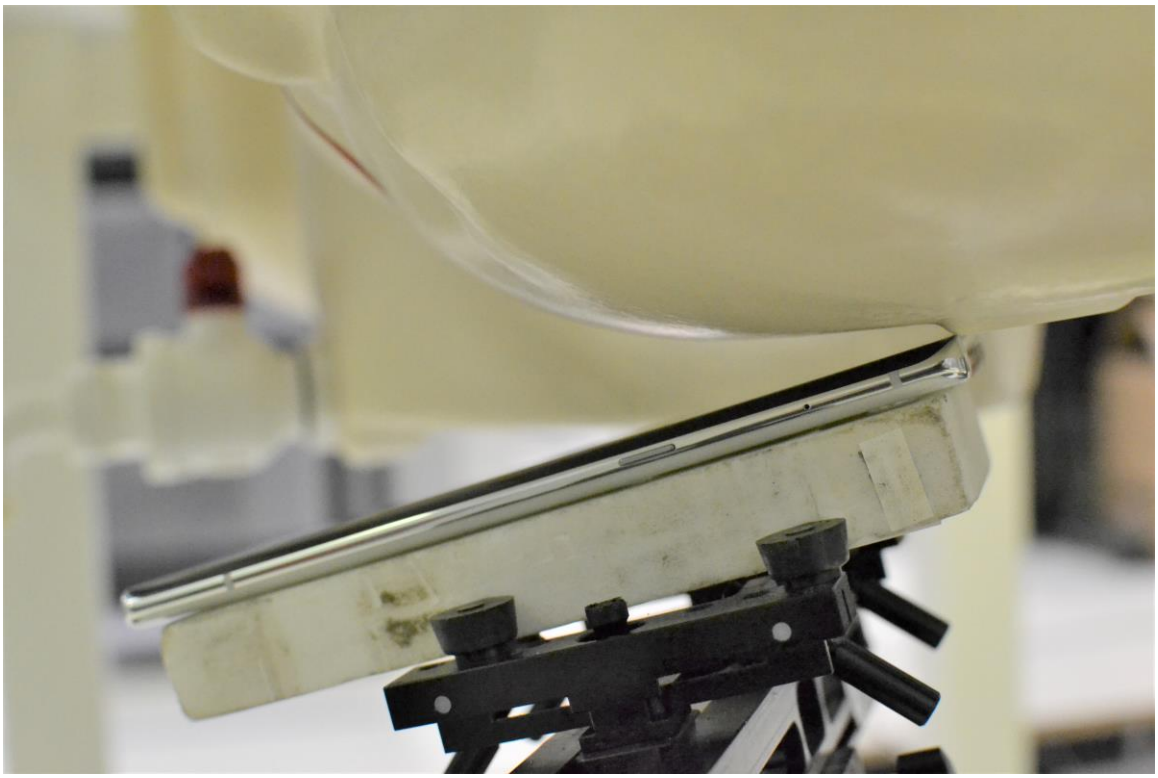


**SAR Test Setup Photo 5 – Left Cheek**



**SAR Test Setup Photo 6 – Left Tilt**



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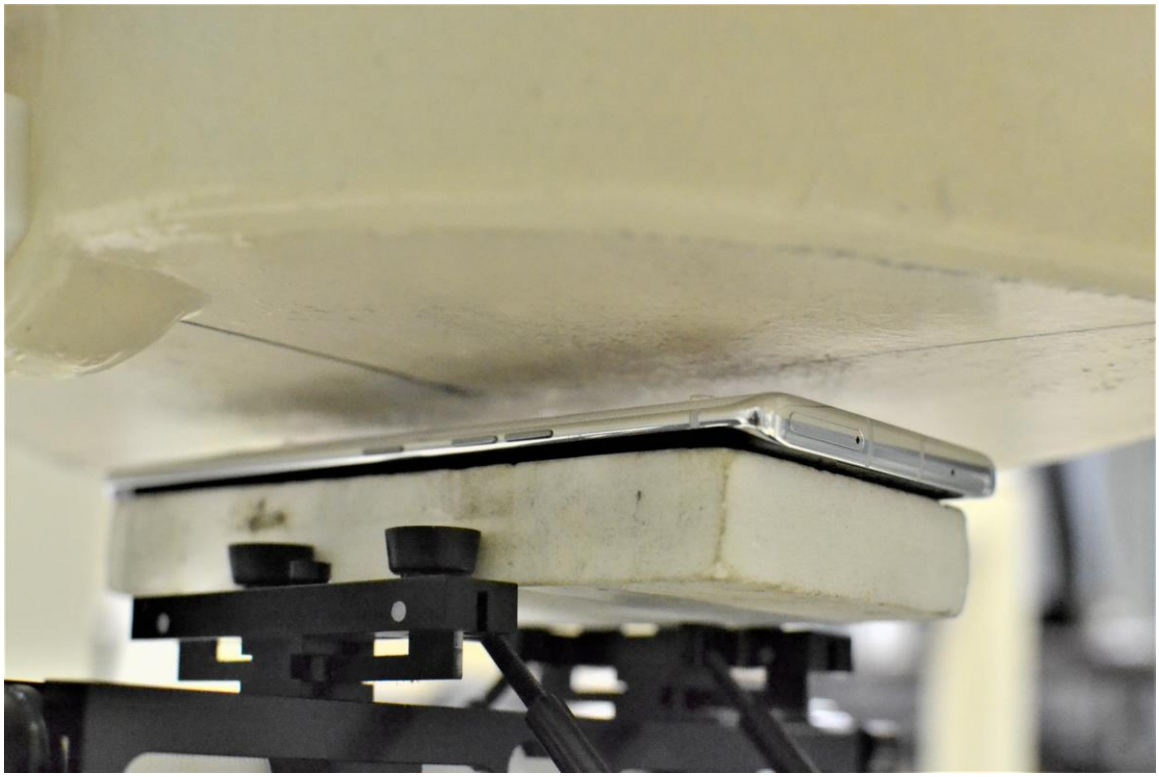
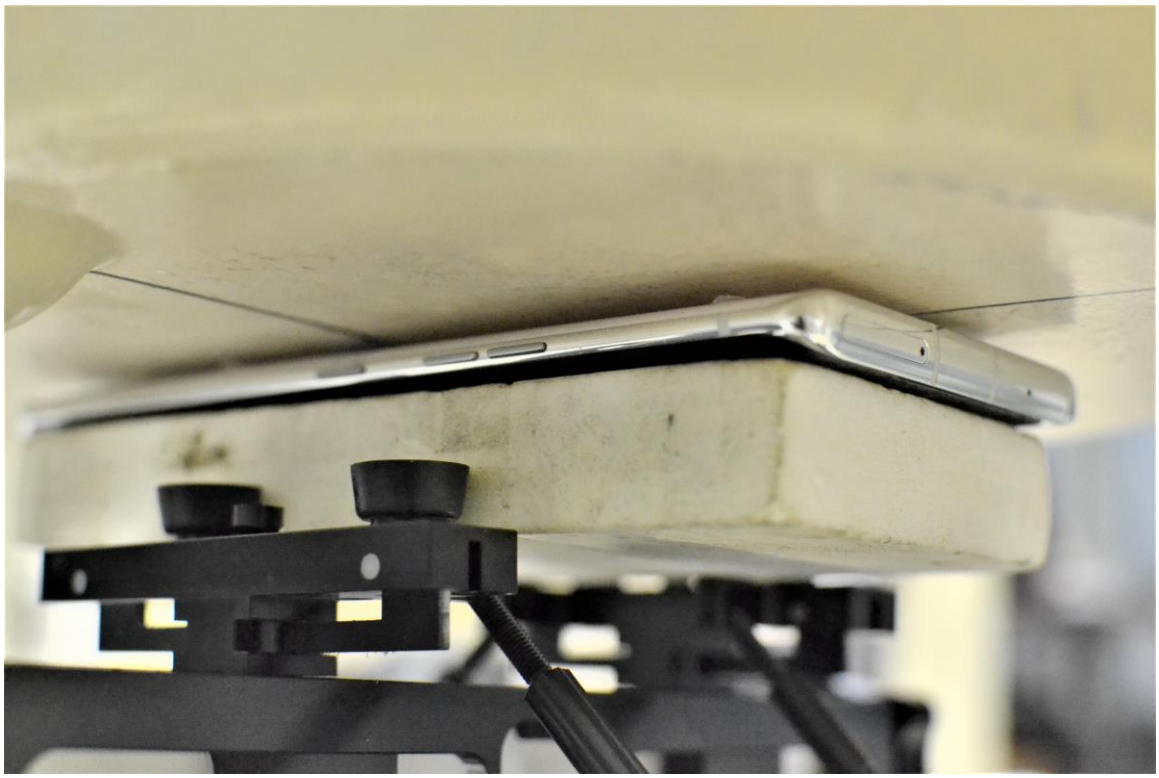


**SAR Test Setup Photo 7 – Back Side at 10 mm**



**SAR Test Setup Photo 8 – Back Side at 2 mm**



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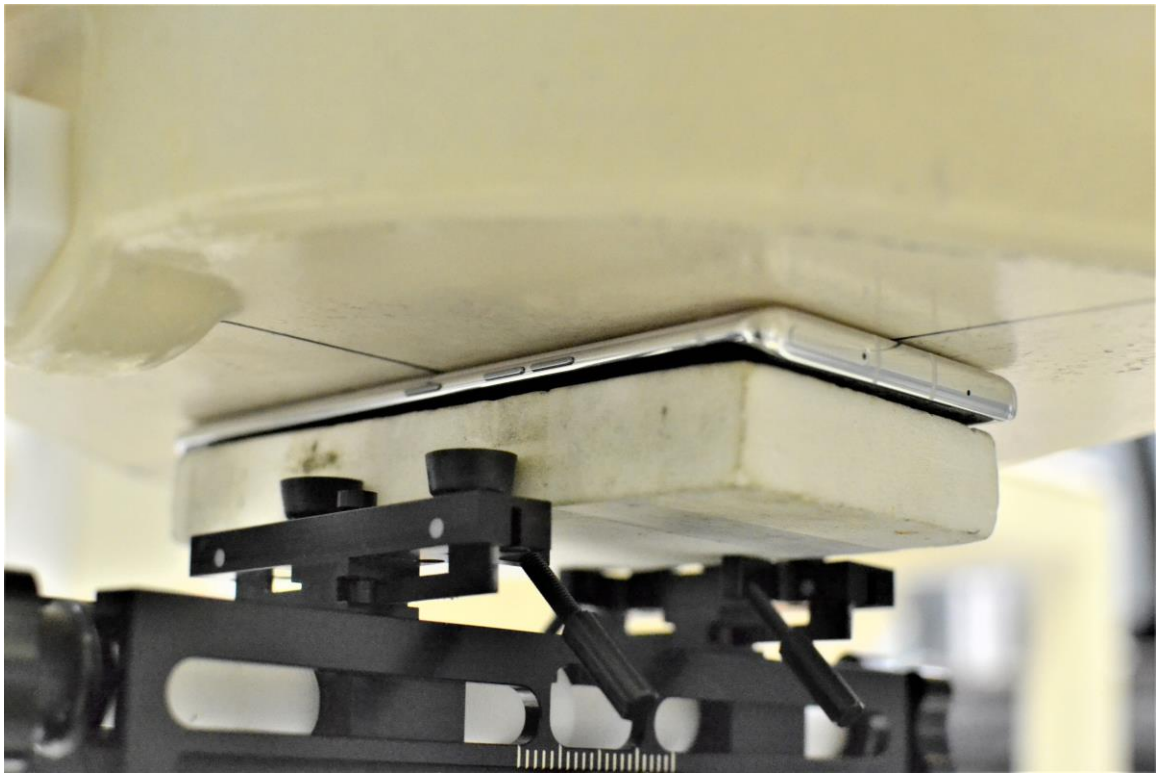
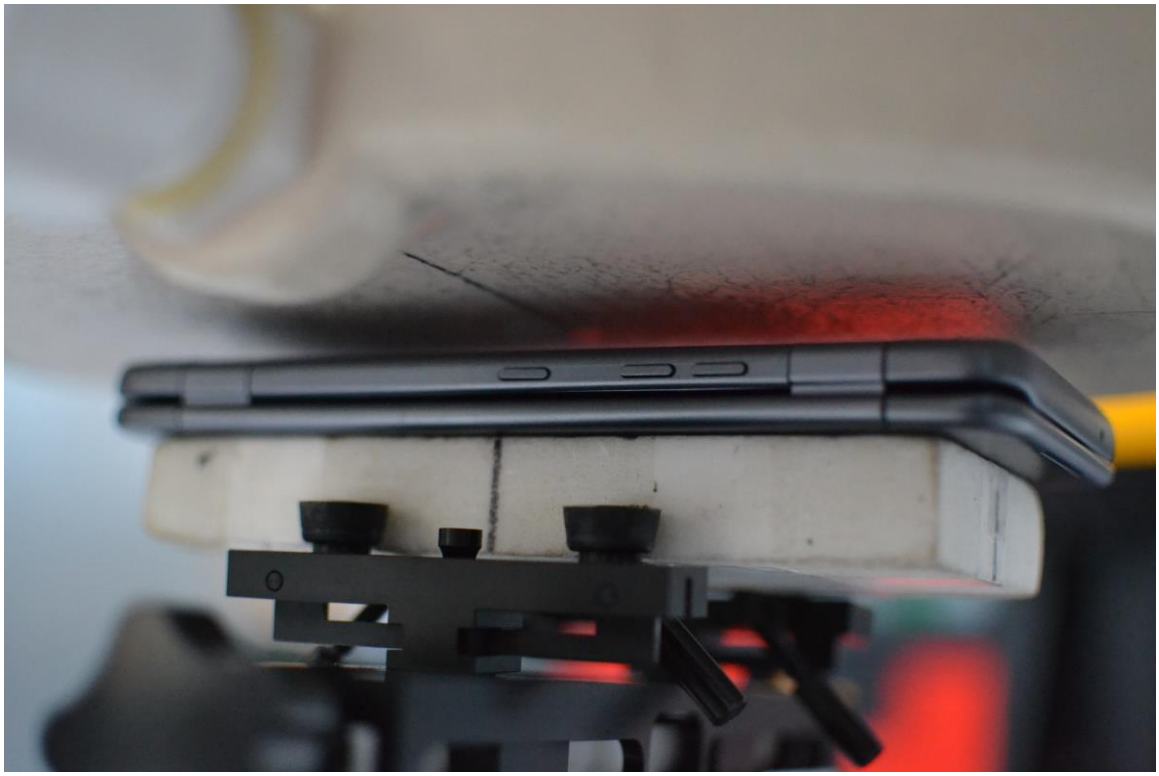


**SAR Test Setup Photo 9 – Back Side at 0 mm**



**SAR Test Setup Photo 10 – Back Side with Dual Display Accessory Position #1 at 10 mm**



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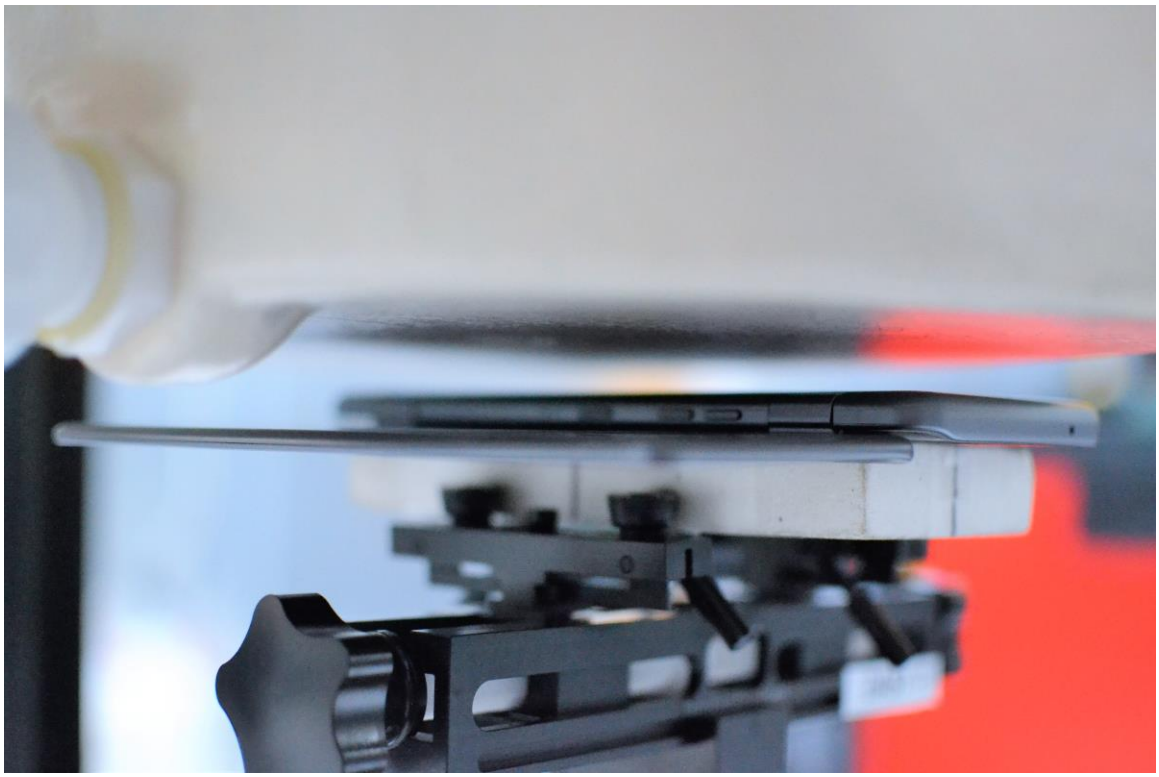
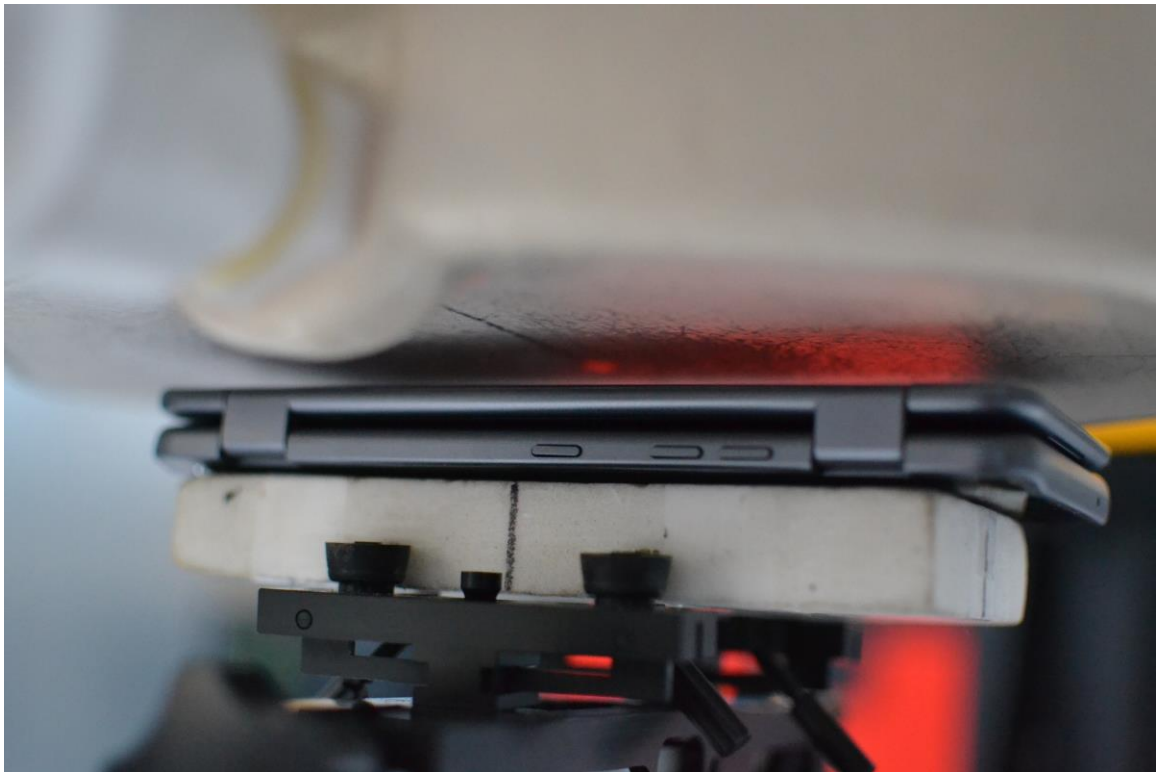


**SAR Test Setup Photo 11 – Back Side with Dual Display Accessory Position #2 at 10 mm**



**SAR Test Setup Photo 12 – Back Side with Dual Display Accessory Position #3 at 10 mm**



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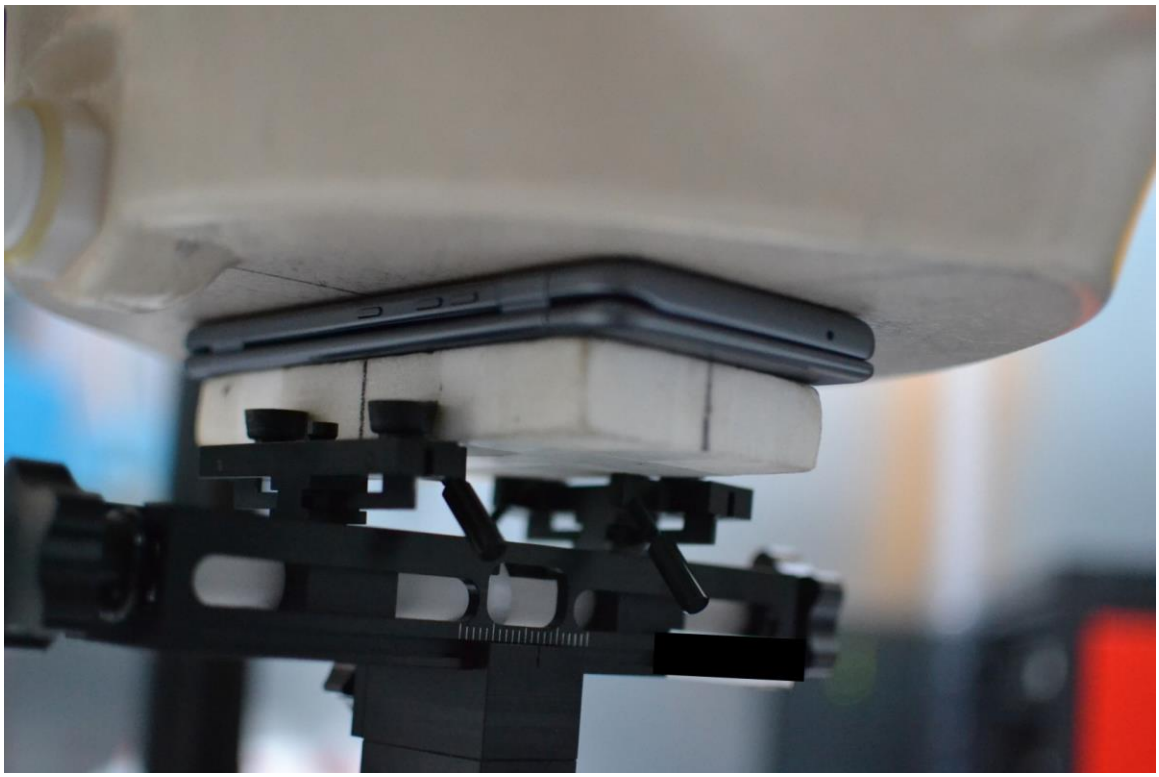
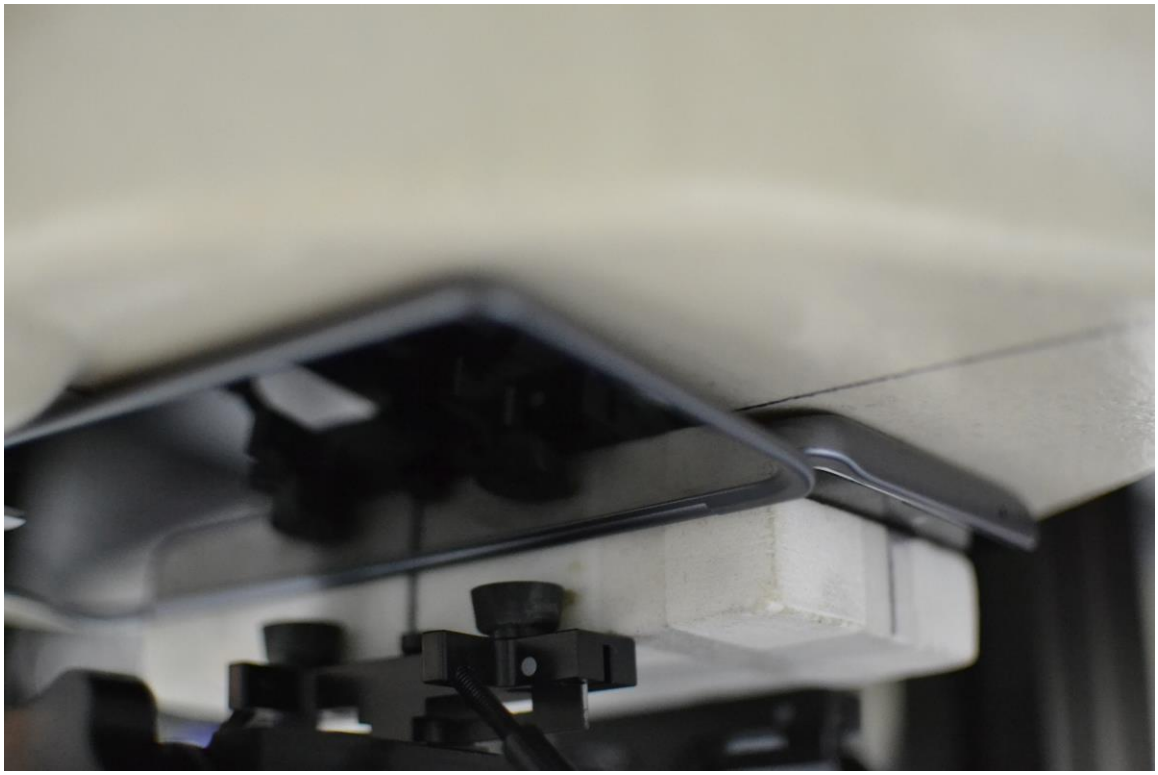


**SAR Test Setup Photo 13 – Back Side with Dual Display Accessory Position #1 at 0 mm**



**SAR Test Setup Photo 14 – Back Side with Dual Display Accessory Position #2 at 0 mm**



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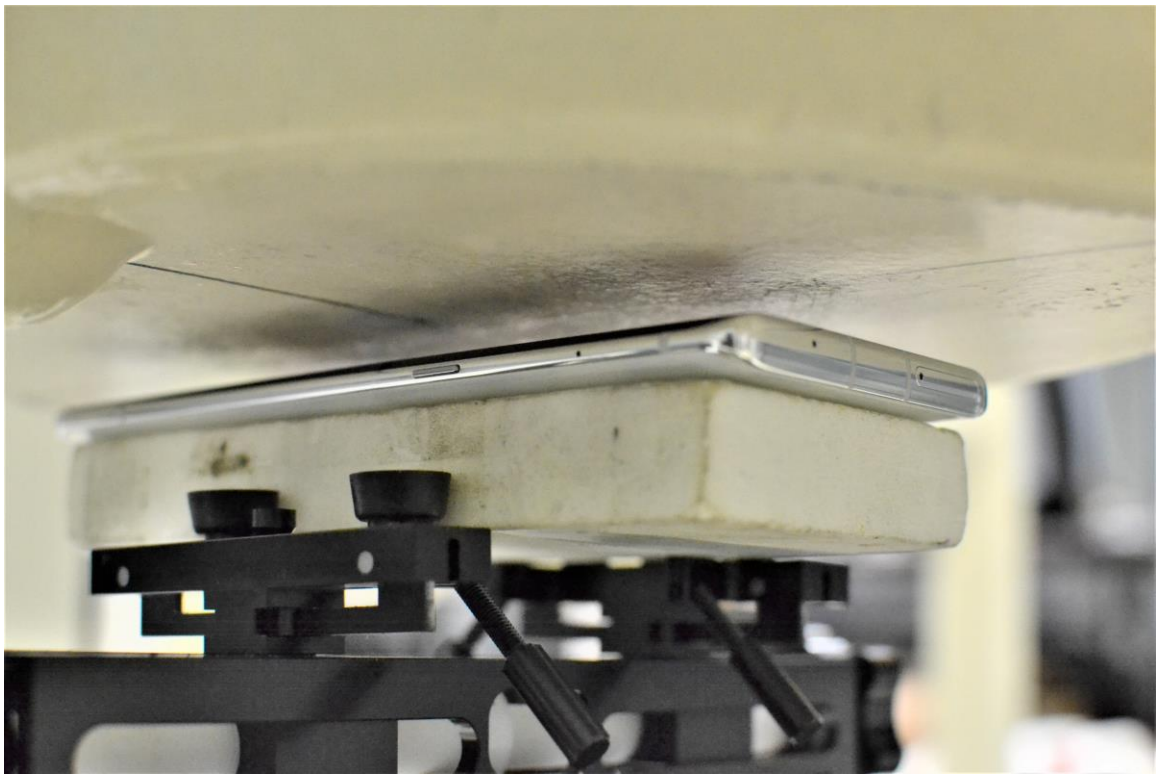
**SAR Test Setup Photo 15 – Back Side with Dual Display Accessory Position #3 at 0 mm**



**SAR Test Setup Photo 16 – Front Side at 10 mm**



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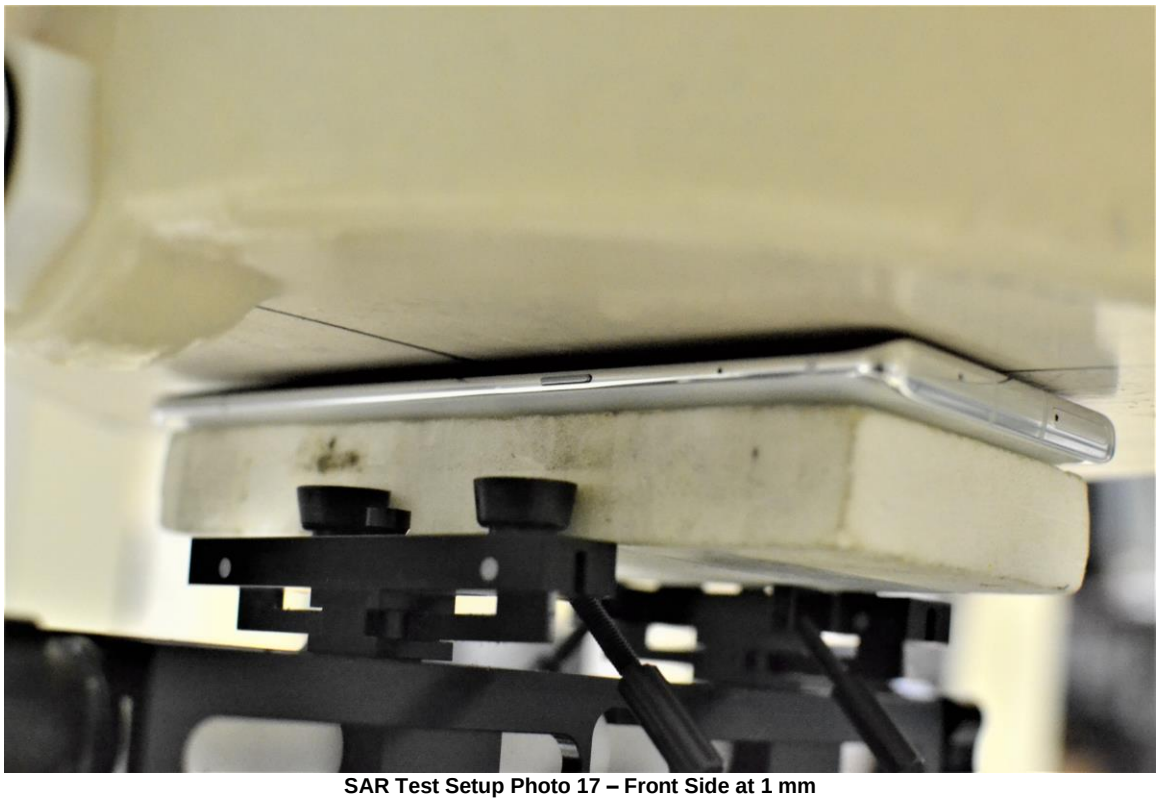
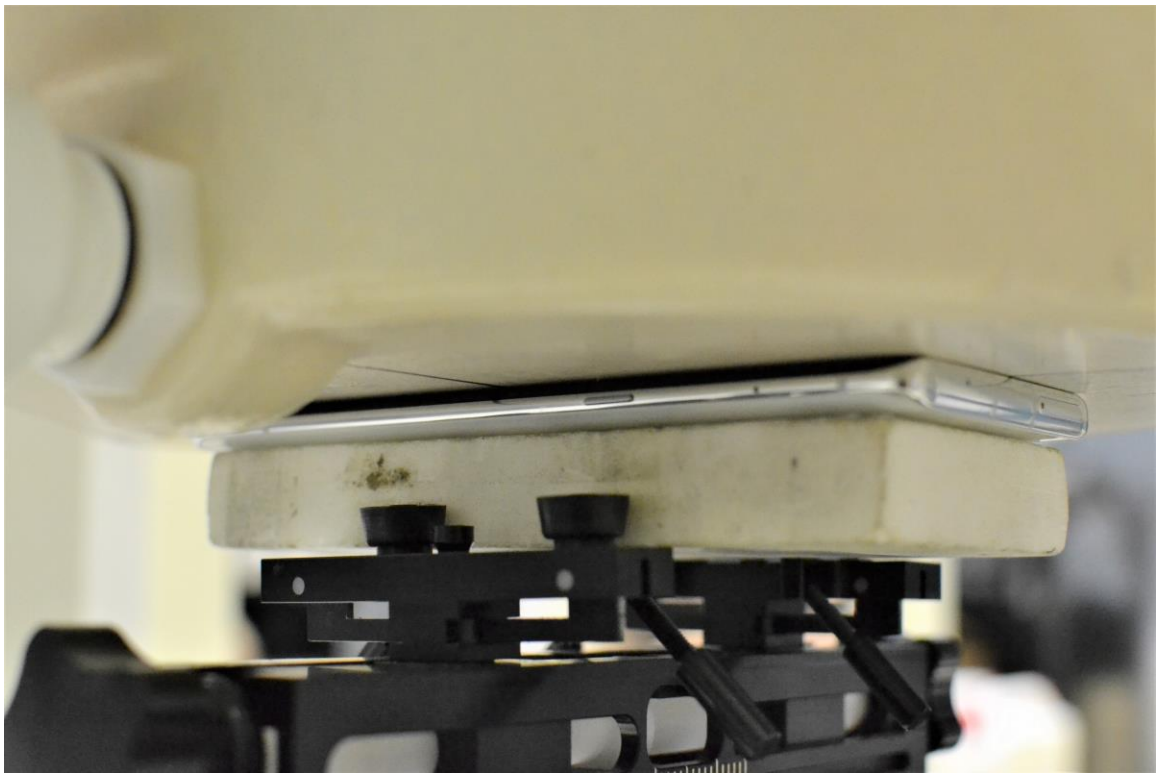


**SAR Test Setup Photo 17 – Front Side at 1 mm**



**SAR Test Setup Photo 18 – Front Side at 0 mm**



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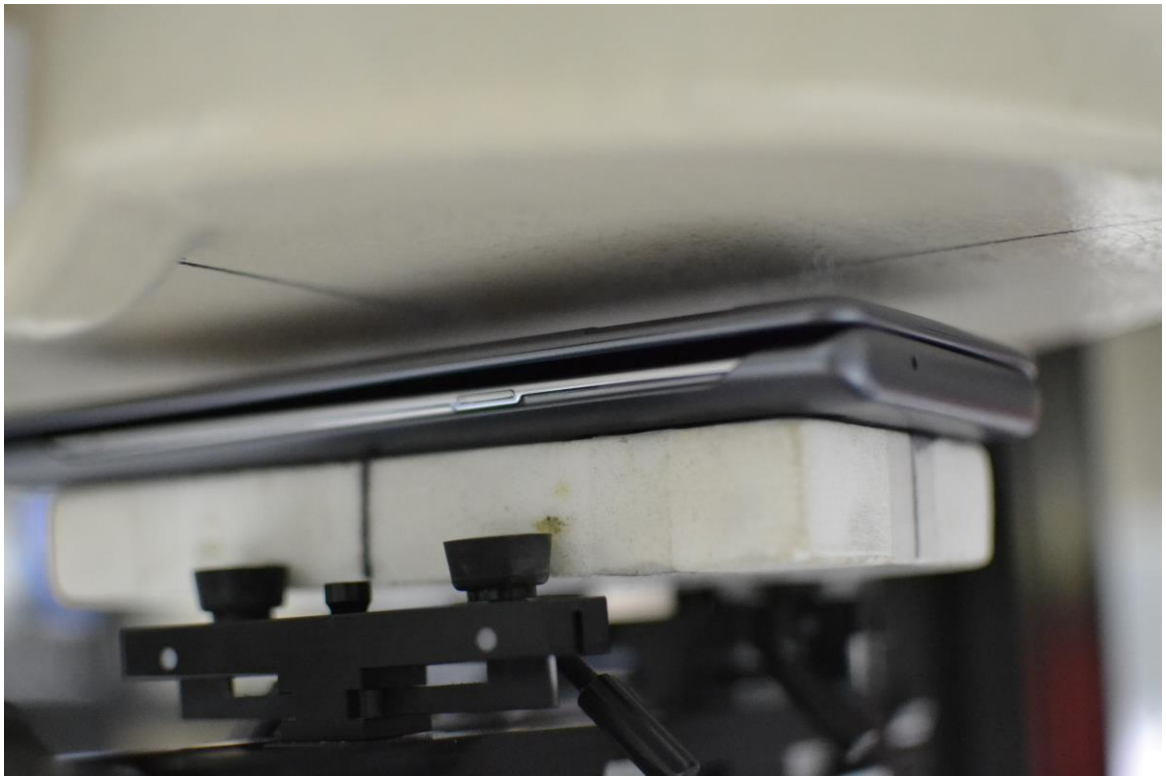
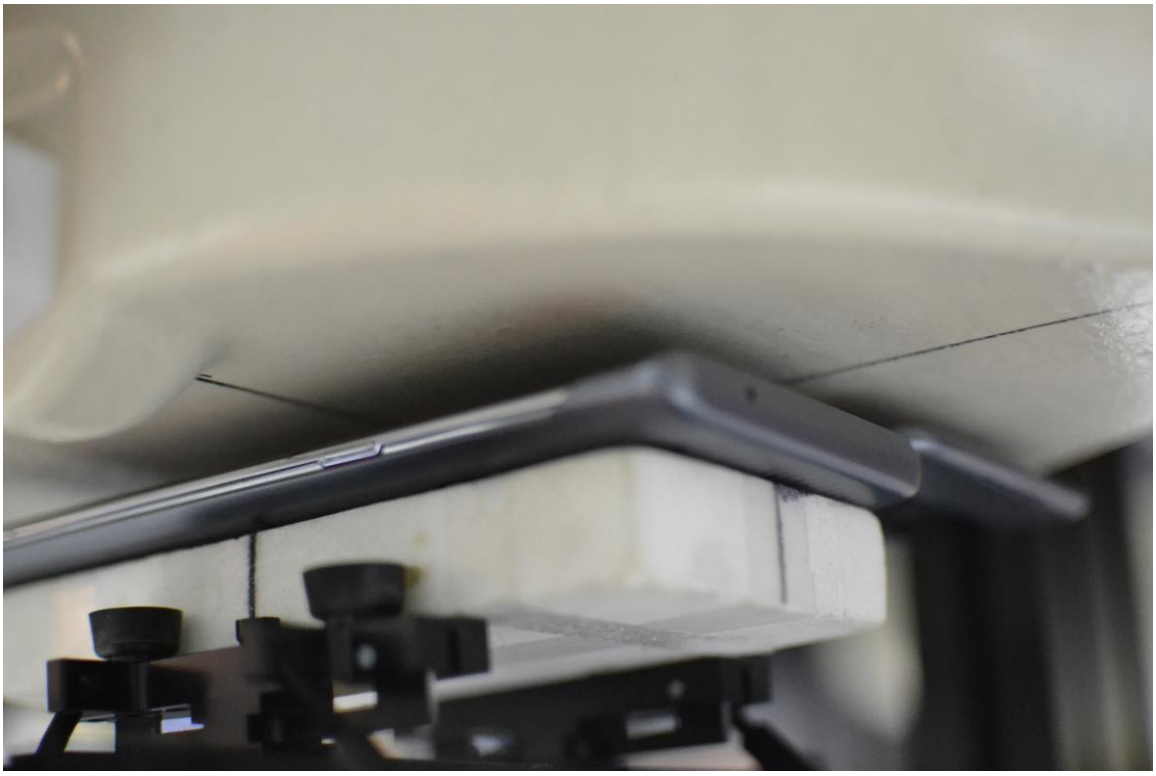


**SAR Test Setup Photo 19 – Front Side with Dual Display Accessory Position #1 at 10 mm**



**SAR Test Setup Photo 20 – Front Side with Dual Display Accessory Position #2 at 10 mm**



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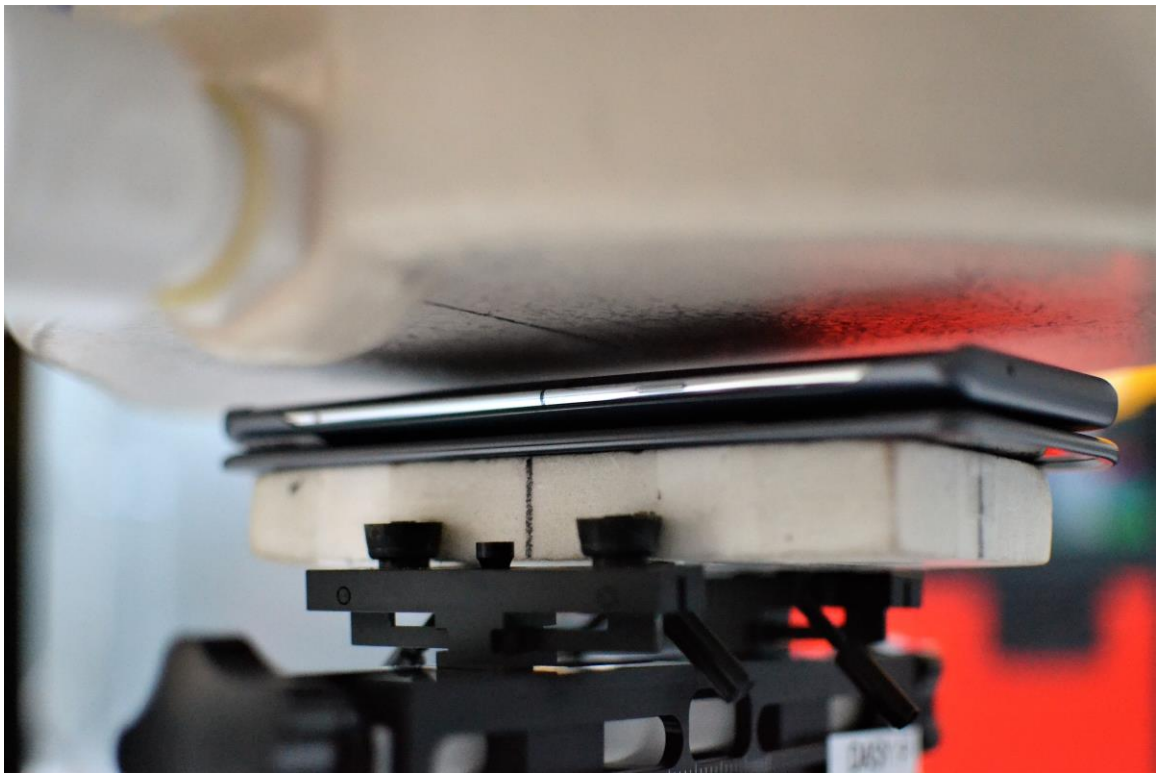
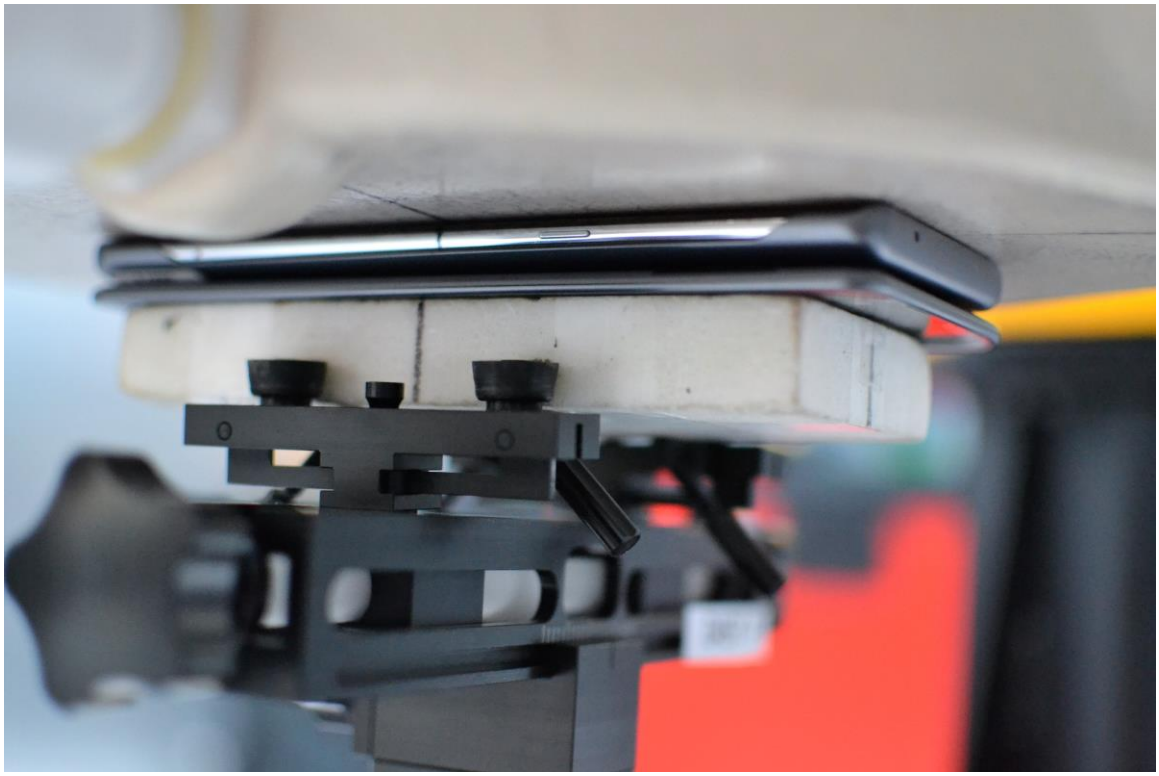


**SAR Test Setup Photo 21 – Front Side with Dual Display Accessory Position #3 at 10 mm**



**SAR Test Setup Photo 22 – Front Side with Dual Display Accessory Position #3 at 0 mm**



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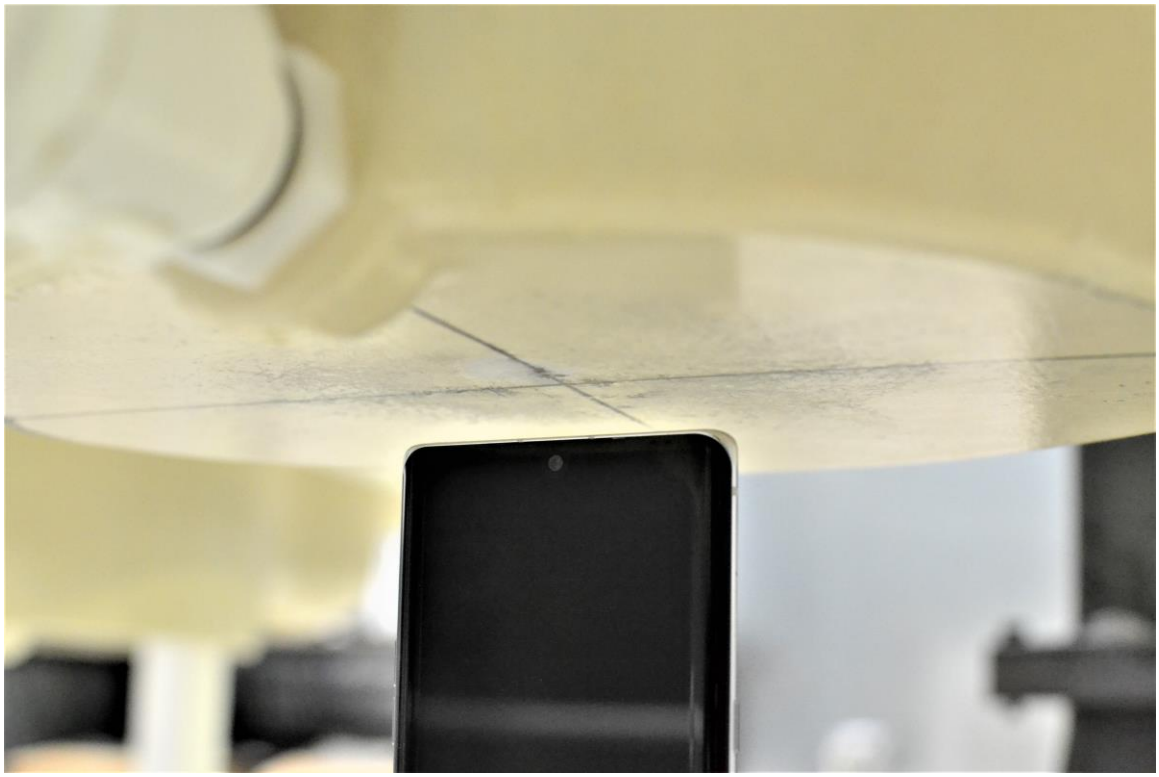
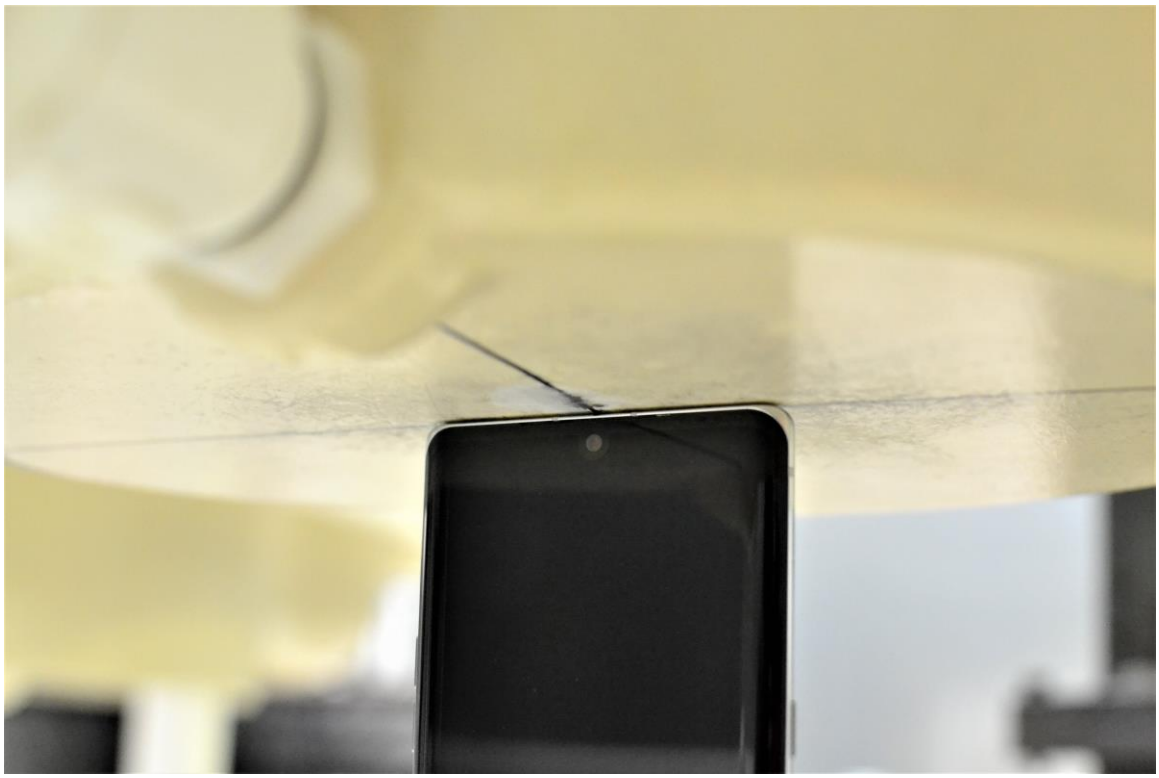


**SAR Test Setup Photo 23 – Top Edge at 10 mm**



**SAR Test Setup Photo 24 – Top Edge at 0 mm**



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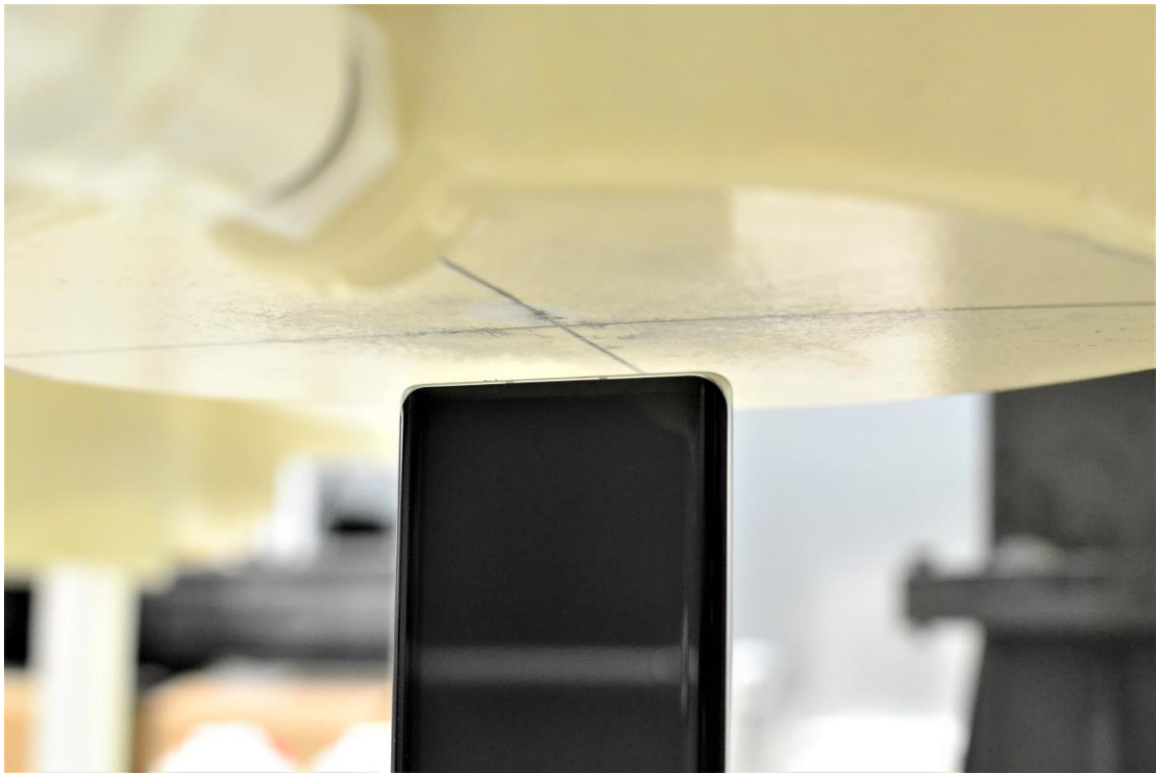
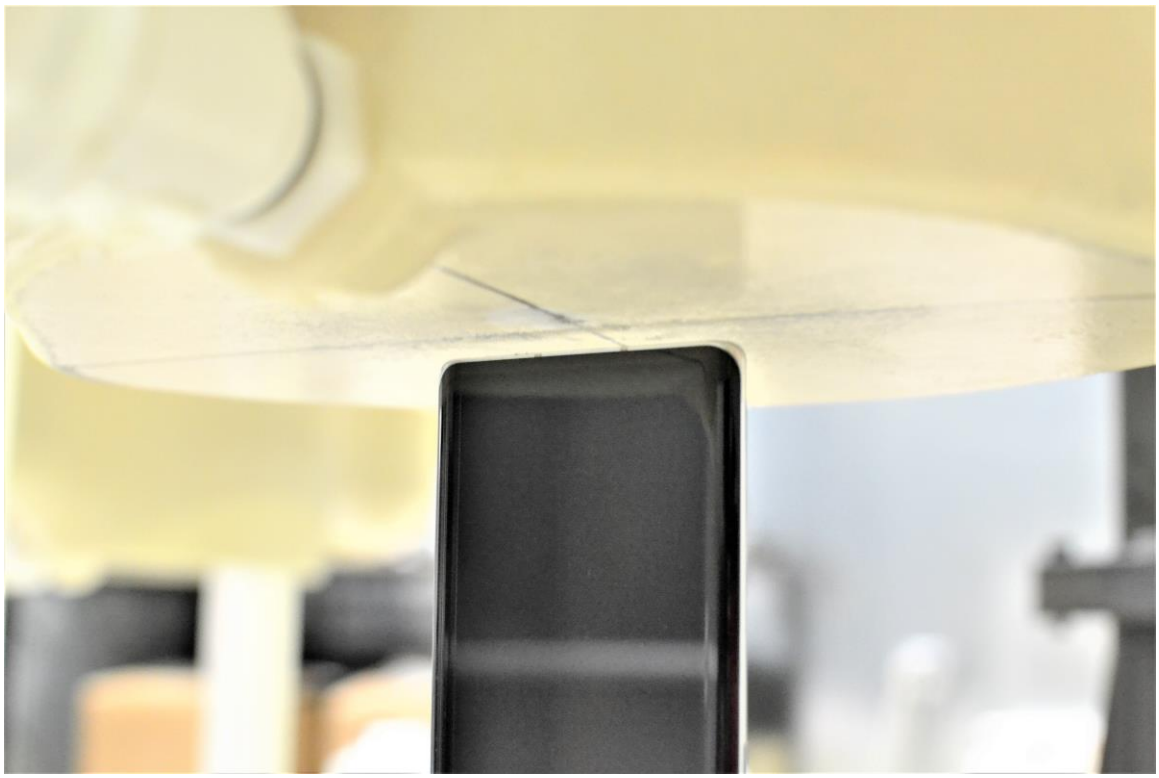


**SAR Test Setup Photo 25 – Bottom Edge at 10 mm**



**SAR Test Setup Photo 26 – Bottom Edge at 3 mm**



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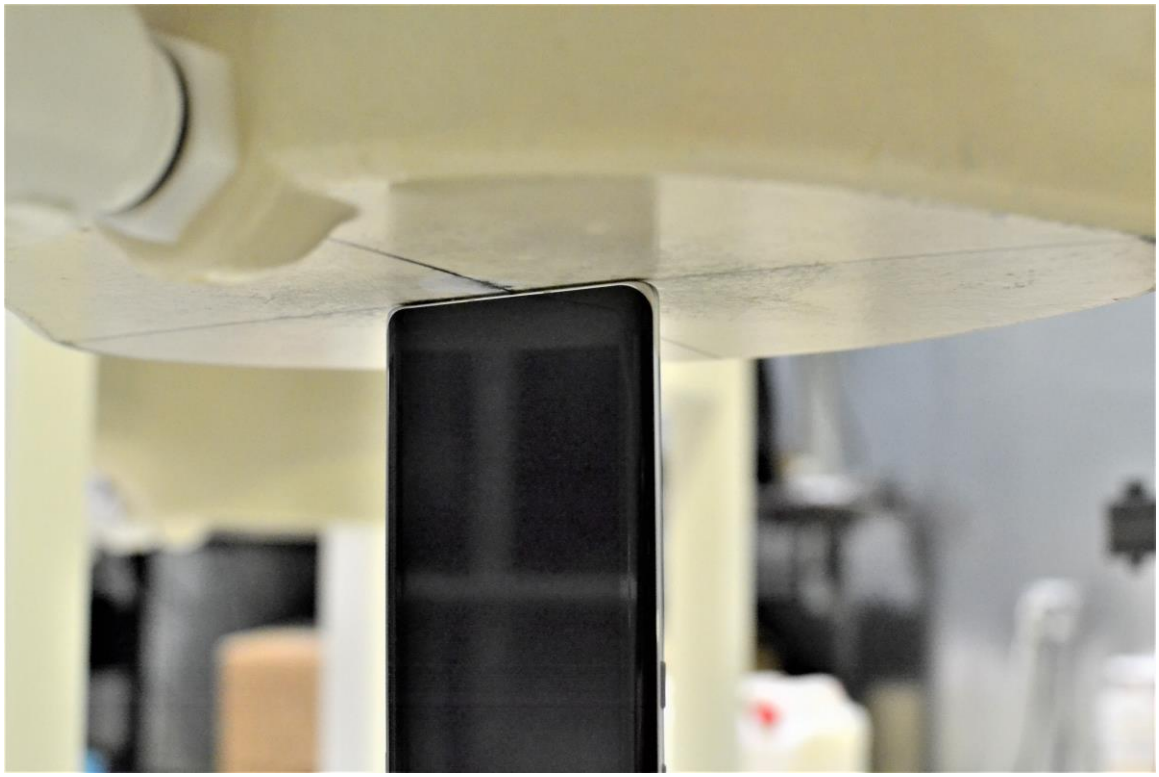

**SAR Test Setup Photo 27 – Bottom Edge at 0 mm**

**SAR Test Setup Photo 28 – Bottom Edge with Dual Display Accessory Position #1 at 10 mm**



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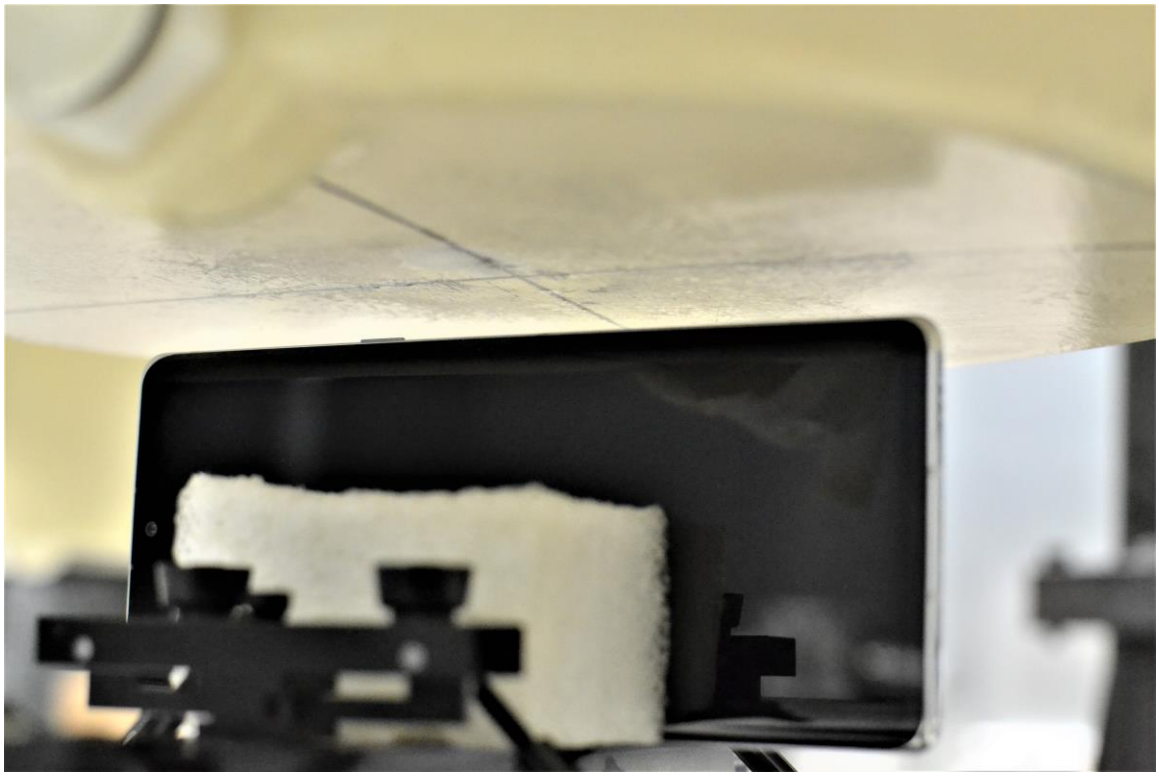
**SAR Test Setup Photo 29 – Bottom Edge with Dual Display Accessory Position #1 at 0 mm**



**SAR Test Setup Photo 30 – Right Edge at 10 mm**



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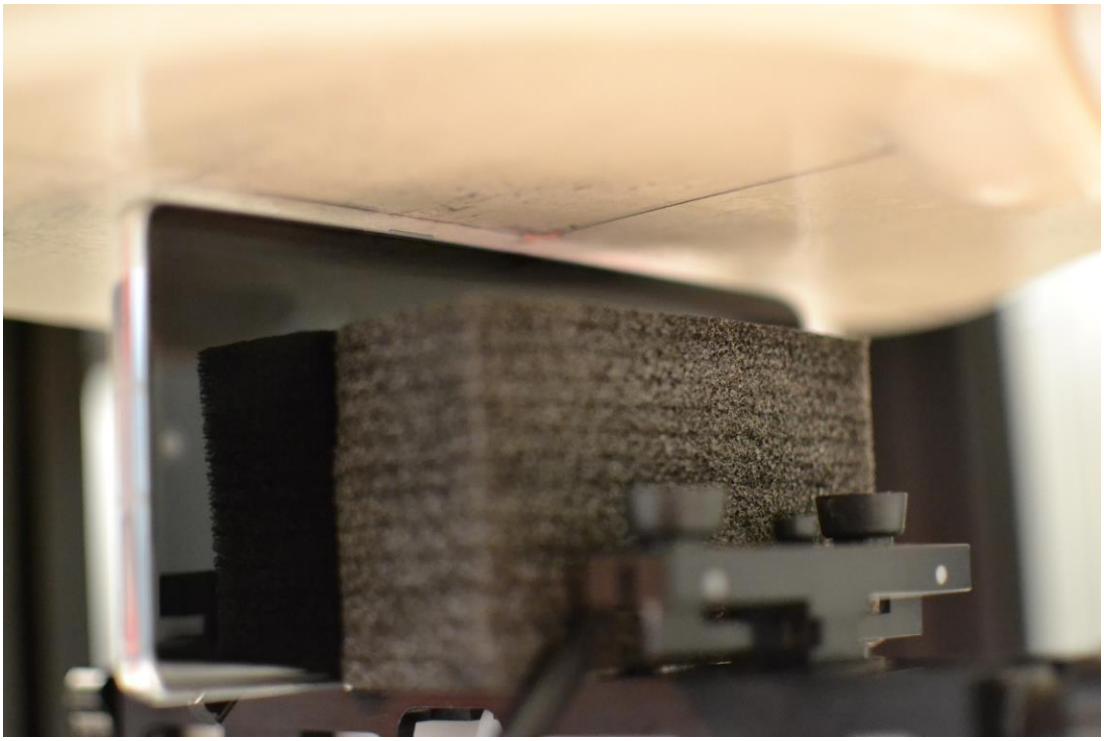
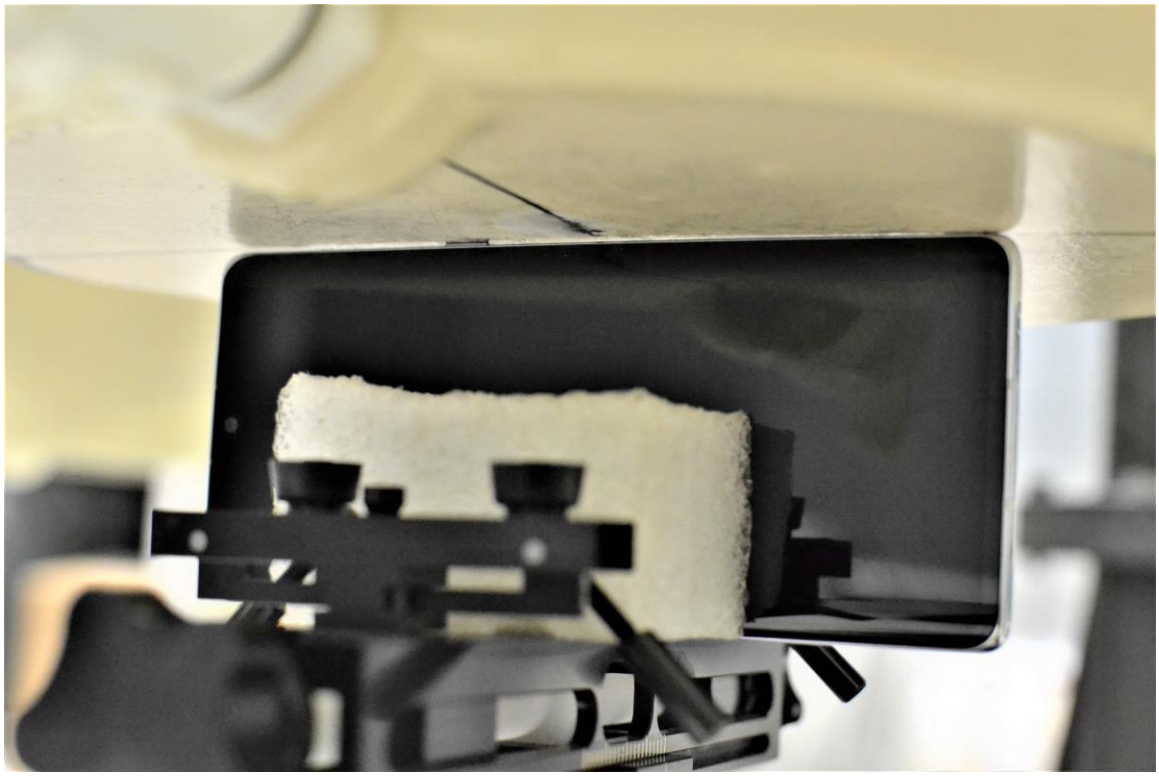


**SAR Test Setup Photo 31 – Right Edge at 2 mm**



**SAR Test Setup Photo 32 – Right Edge at 0 mm**



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**SAR Test Setup Photo 33 – Right Edge with Dual Display Accessory Position #1 at 10 mm**

**SAR Test Setup Photo 34 – Right Edge with Dual Display Accessory Position #1 at 0 mm**



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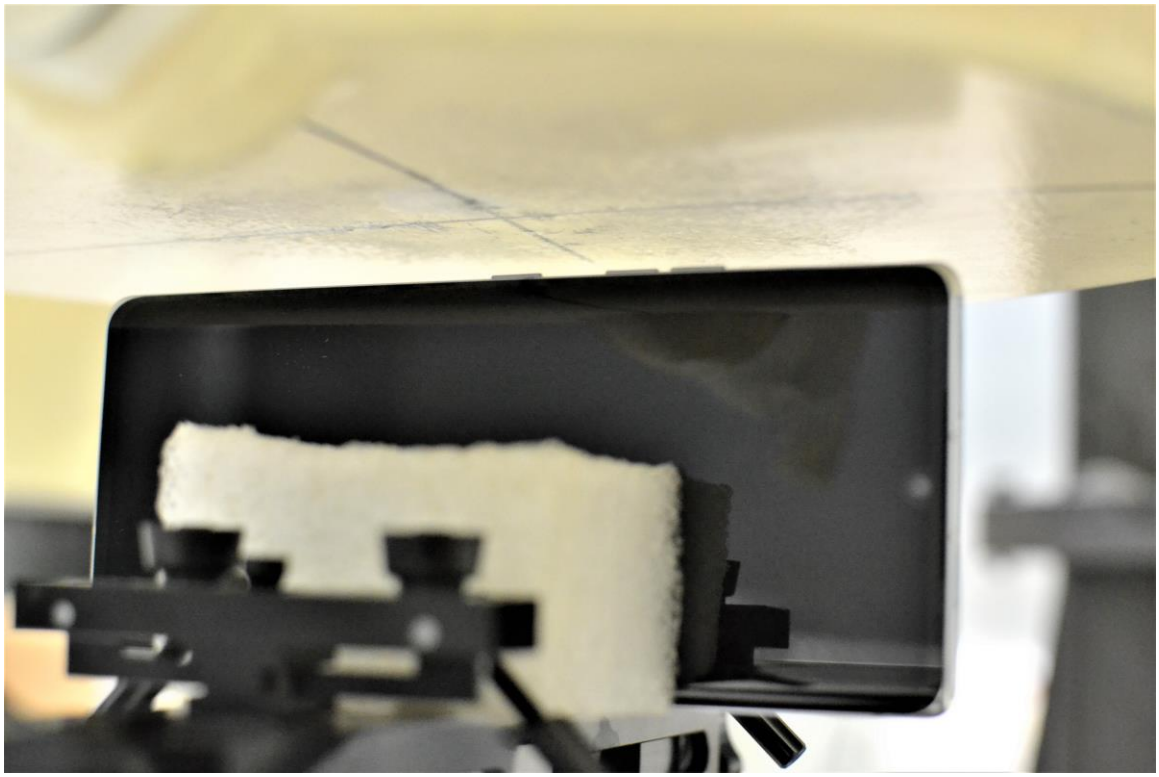
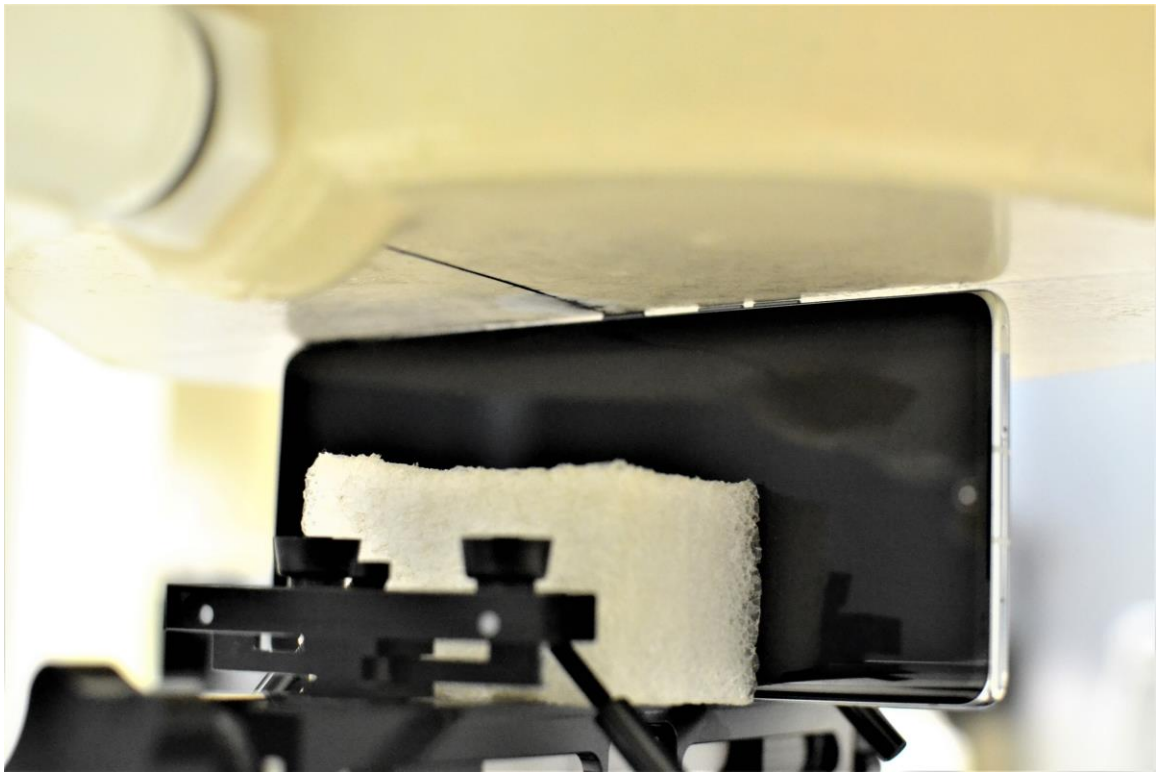


**SAR Test Setup Photo 35 – Left Edge at 10 mm**



**SAR Test Setup Photo 36 – Left Edge at 0 mm**



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**SAR Test Setup Photo 37 – Left Edge with Dual Display Accessory Position #1 at 10 mm**

**SAR Test Setup Photo 38 – Left Edge with Dual Display Accessory Position #1 at 0 mm**



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**SAR Test Setup Photo 39: Horizontal and Vertical Reference Lines**


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