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



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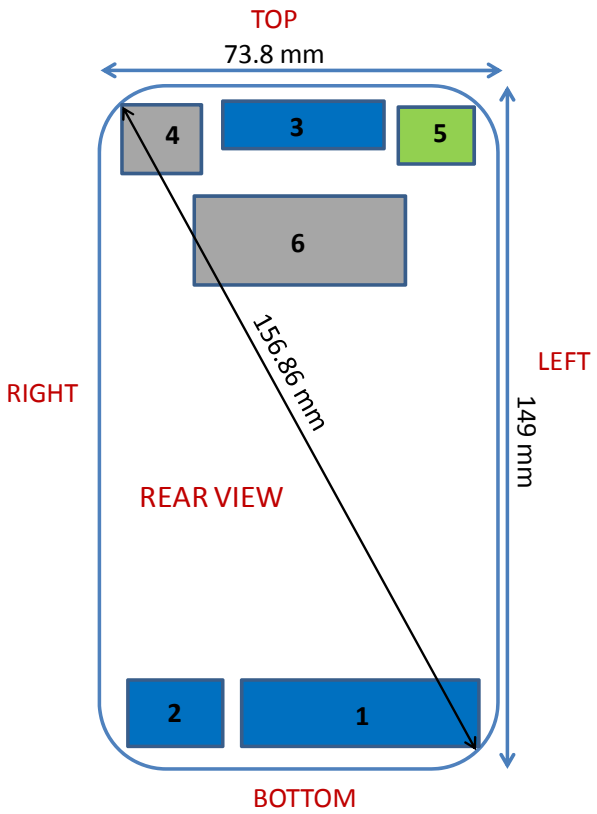


1. Antenna 1 (Tx/Rx)
   - GSM/GPRS/EDGE 850 MHz
   - UMTS Band 5
   - LTE Band 5/7/12/17/30
2. Antenna 2 (Tx/Rx)
   - GSM/GPRS/EDGE 1900 MHz
   - UMTS Band 2/4
   - LTE Band 2/4
3. Antenna 3
   - LTE Band 5/12/17/29 (Rx Only)
   - UMTS Band 2/4 (Tx/Rx) (head SAR limited by proximity sensor)
   - LTE Band 2/4 (Tx/Rx) (head SAR limited by proximity sensor)
4. Antenna 4 (Rx only)
   - GPS
   - LTE 7/30
5. Antenna 5 (Tx/Rx)
   - 2.4/5 GHz WIFI
   - 2.4 GHz BT
6. Antenna 6 (Tx/Rx)
   - NFC

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

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


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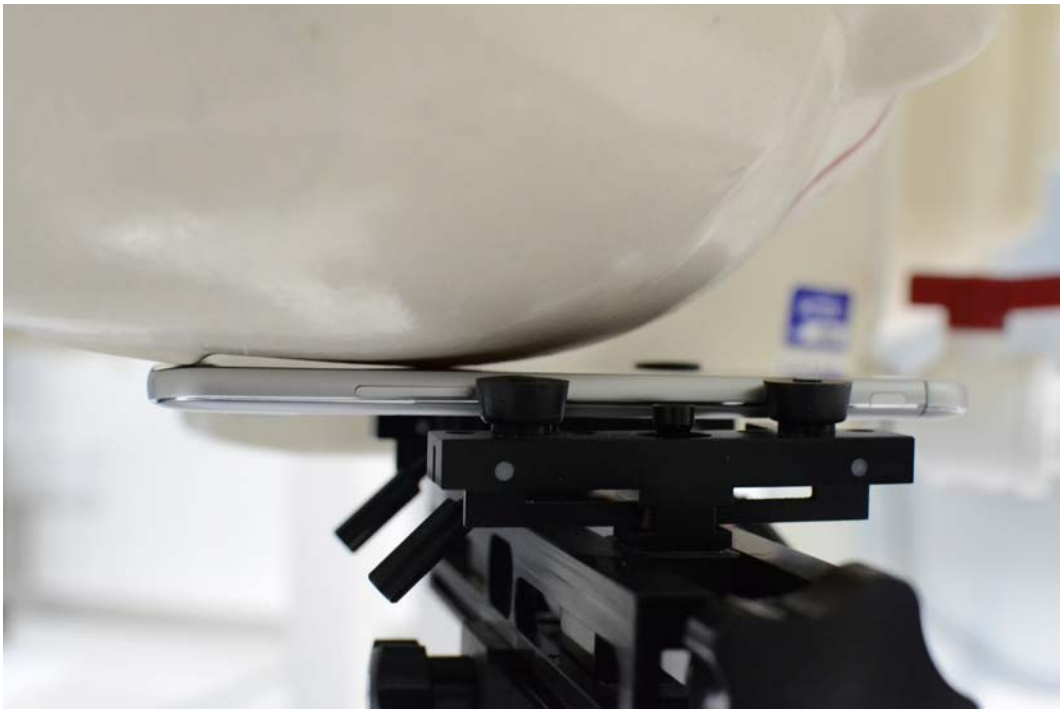
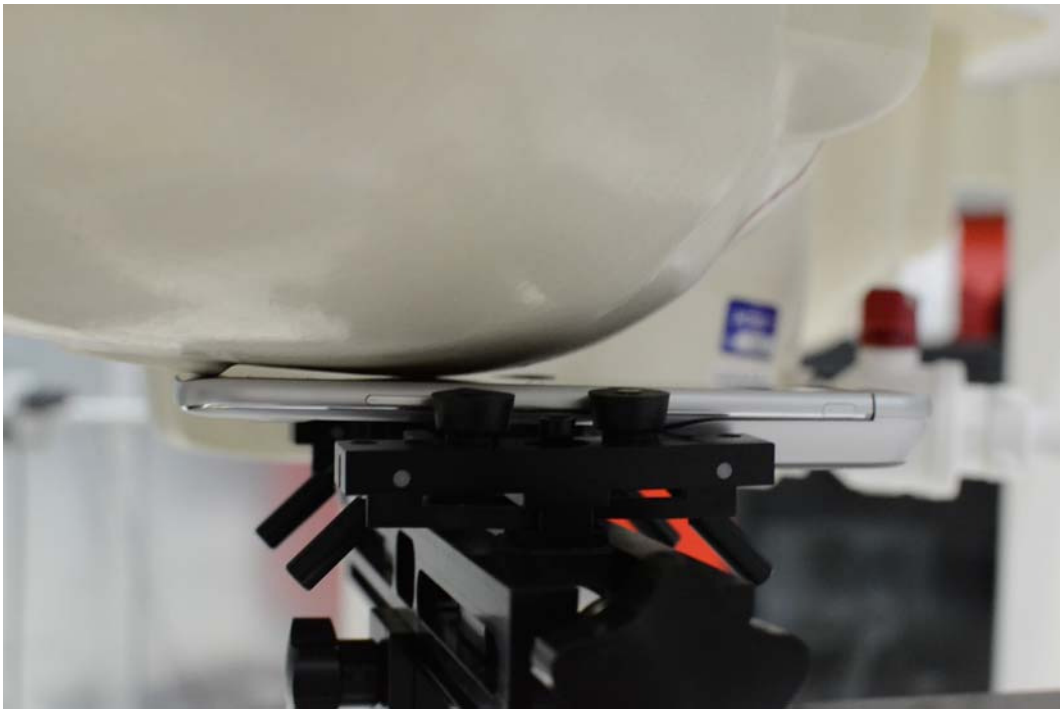


**SAR Test Setup Photo 1: Right Cheek**



**SAR Test Setup Photo 2: Right Cheek Camera Module Accessory**



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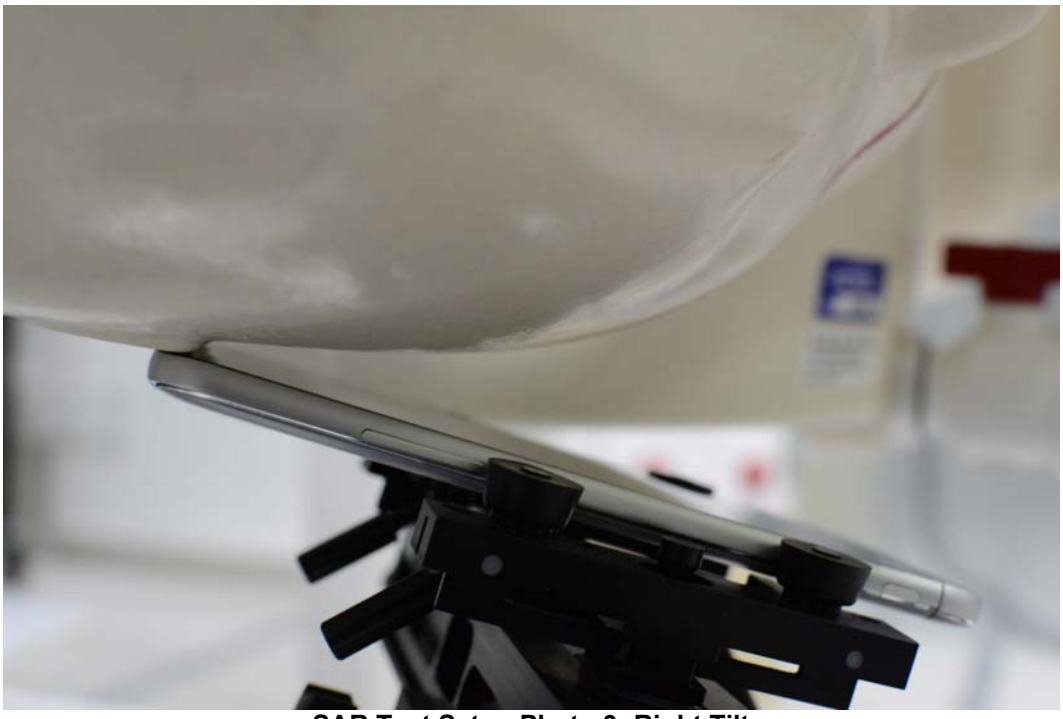
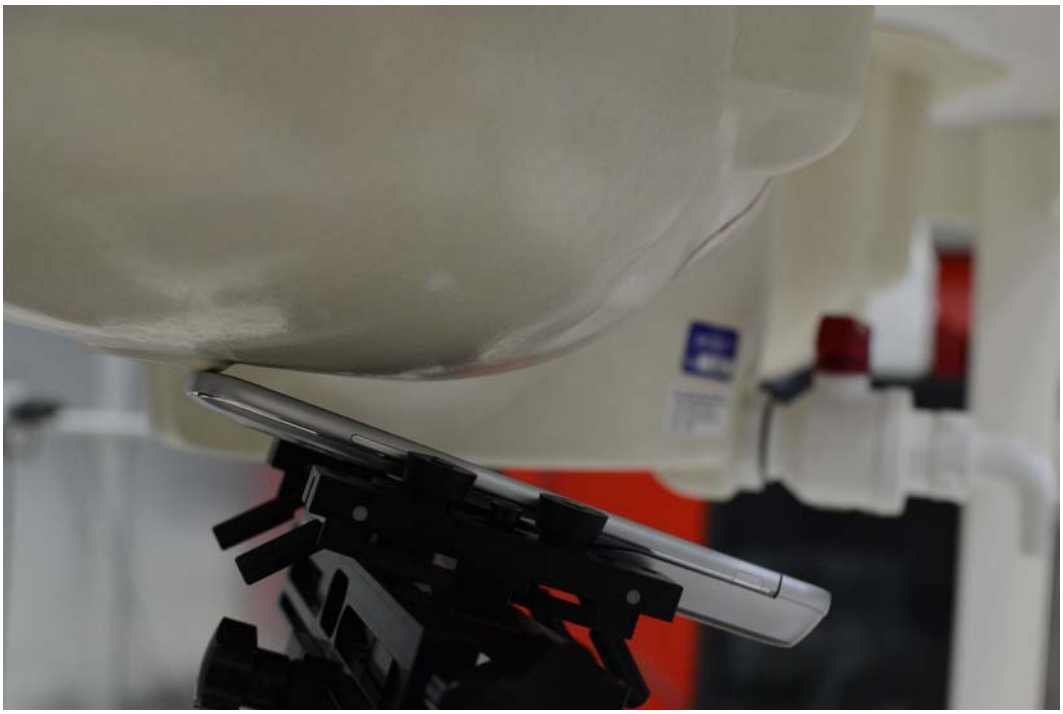


**SAR Test Setup Photo 3: Right Tilt**



**SAR Test Setup Photo 4: Right Tilt Camera Module Accessory**



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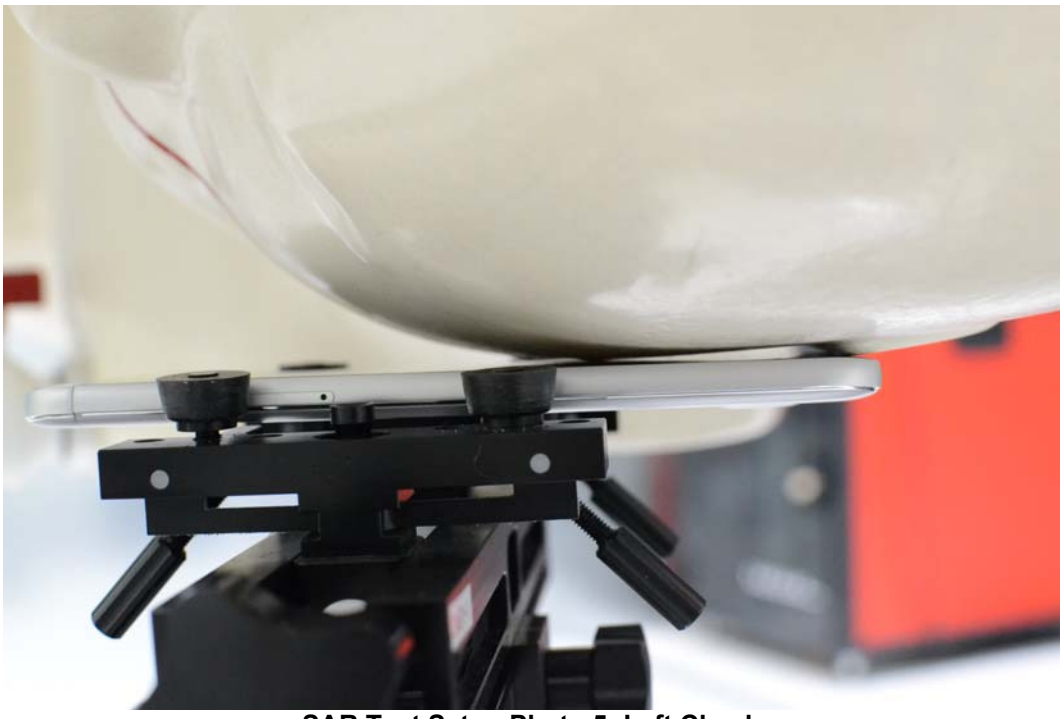
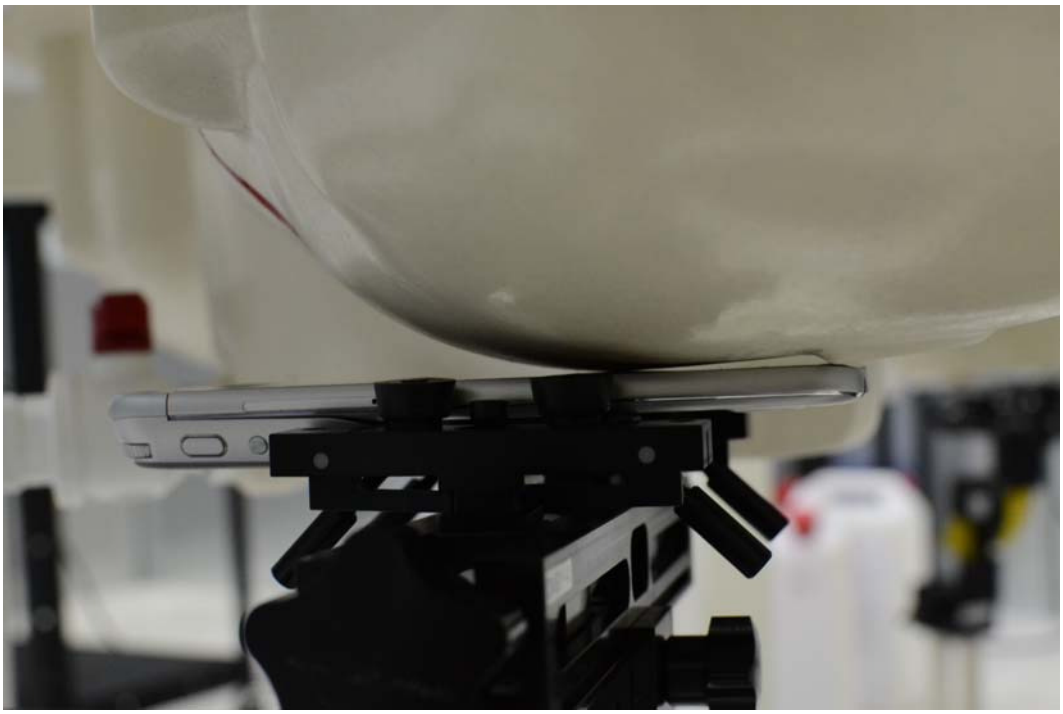


**SAR Test Setup Photo 5: Left Cheek**



**SAR Test Setup Photo 6: Left Cheek Camera Module Accessory**



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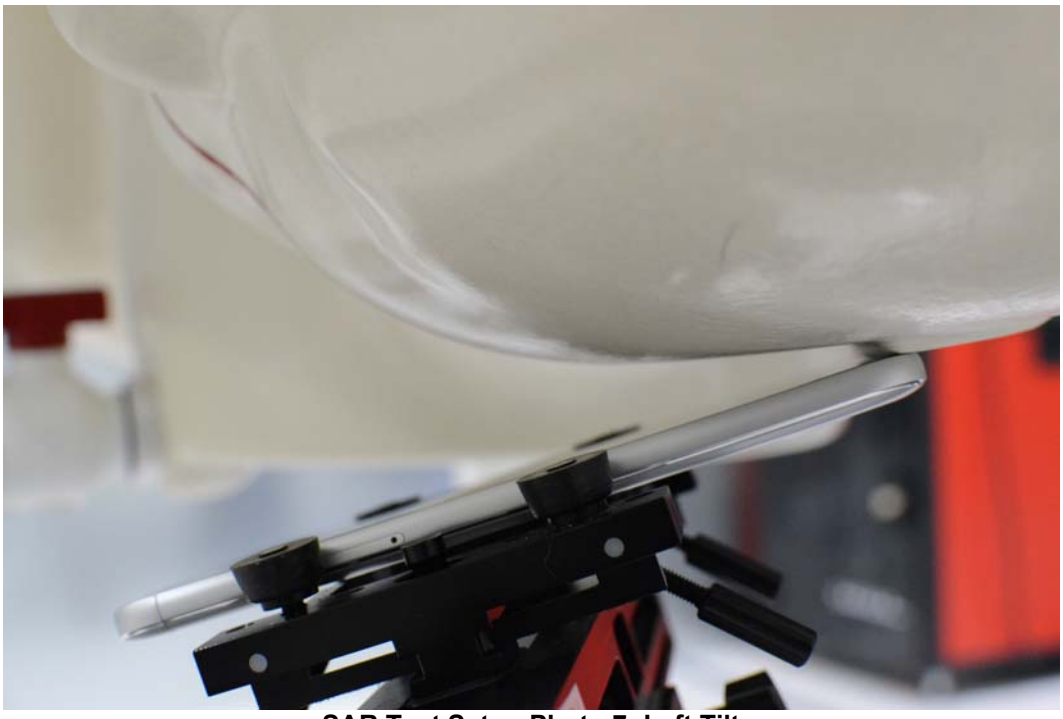
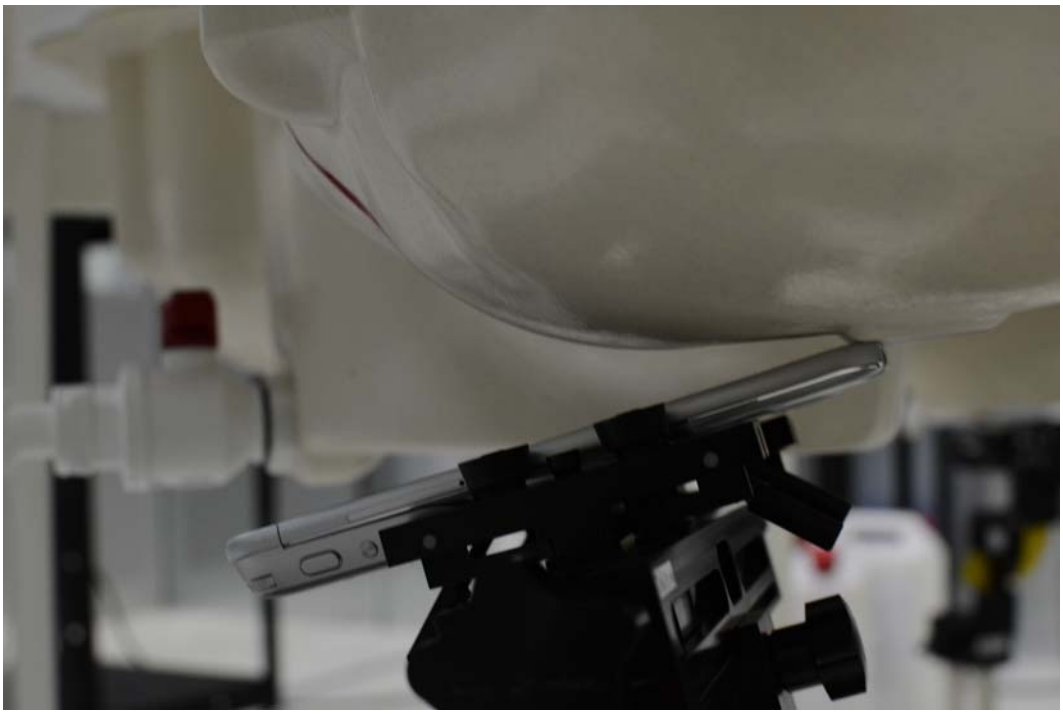


**SAR Test Setup Photo 7: Left Tilt**



**SAR Test Setup Photo 8: Left Tilt Camera Module Accessory**



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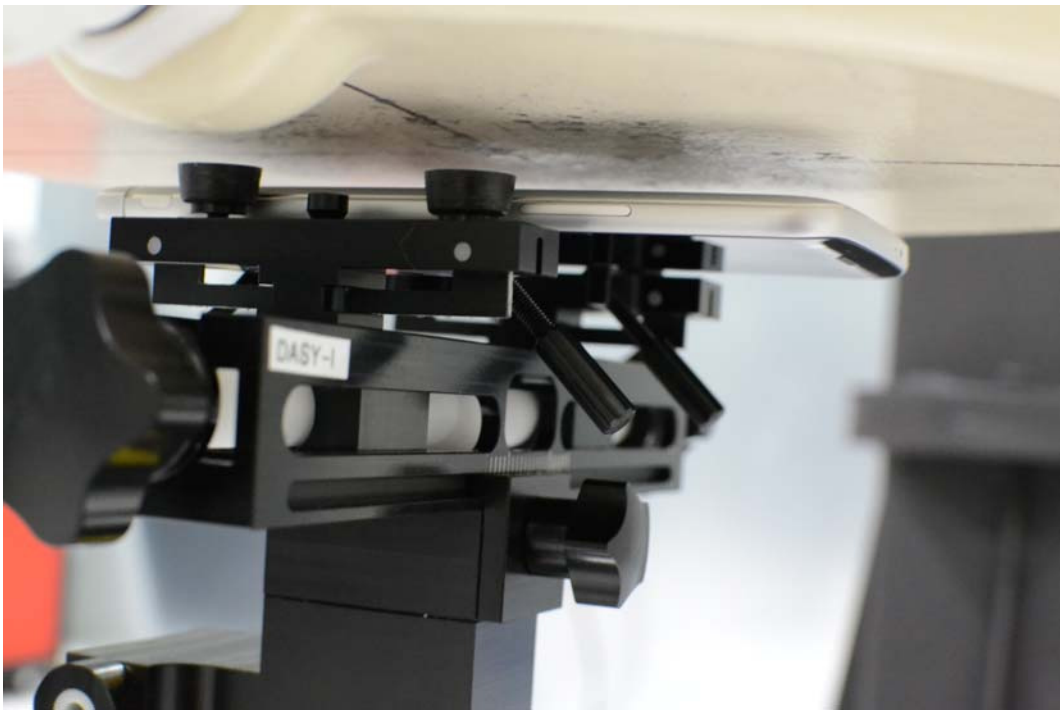


**SAR Test Setup Photo 9: Back at 1.0 cm**

**SAR Test Setup Photo 10: Back at 1.0 cm Camera Module Accessory**


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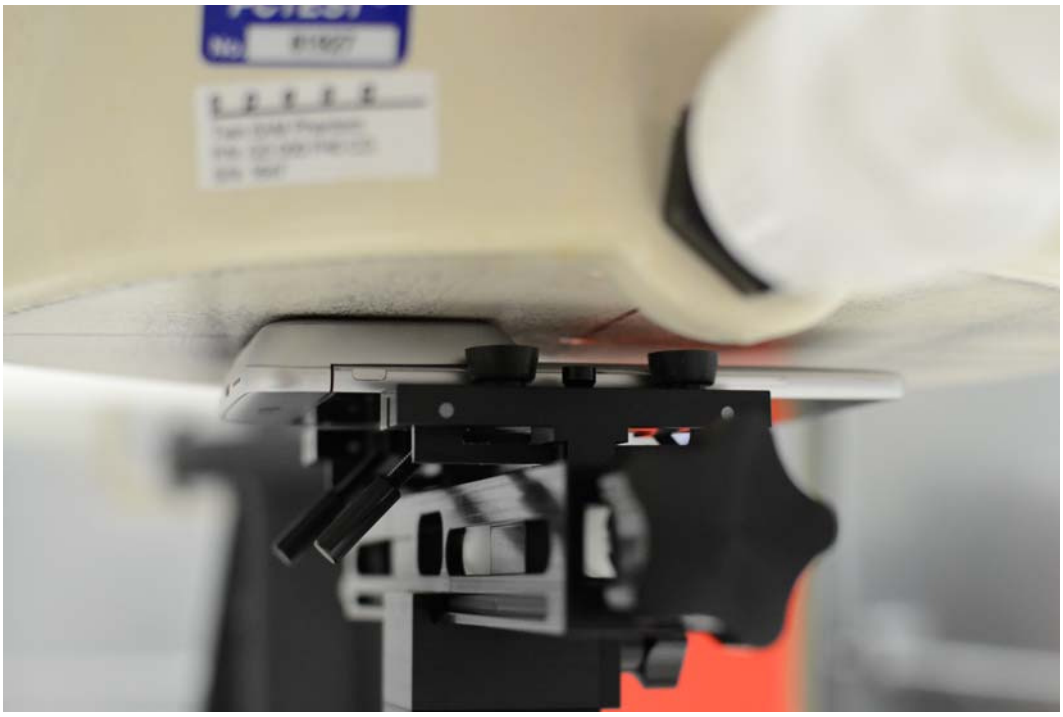
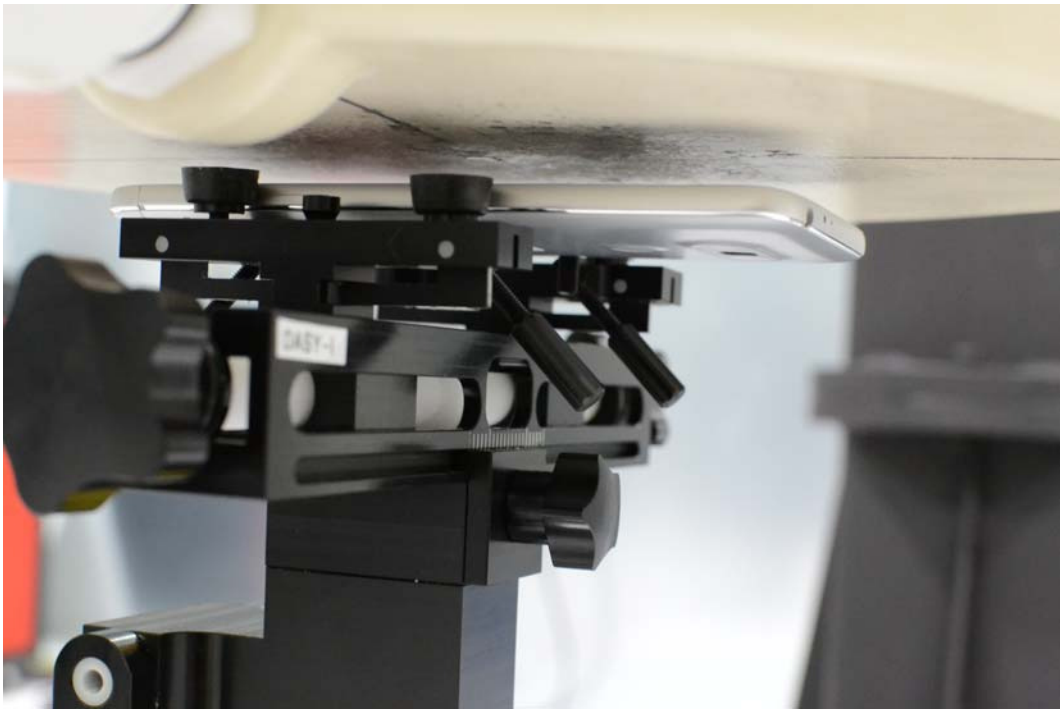


**SAR Test Setup Photo 11: Back at 0 cm Camera Module Accessory**



**SAR Test Setup Photo 12: Front at 1.0 cm**



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**SAR Test Setup Photo 13: Front at 1.0 cm Camera Module Accessory**

**SAR Test Setup Photo 14: Top at 1.0 cm**


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**SAR Test Setup Photo 15: Bottom at 1.0 cm**

**SAR Test Setup Photo 16: Bottom at 1.0 cm Camera Module Accessory**



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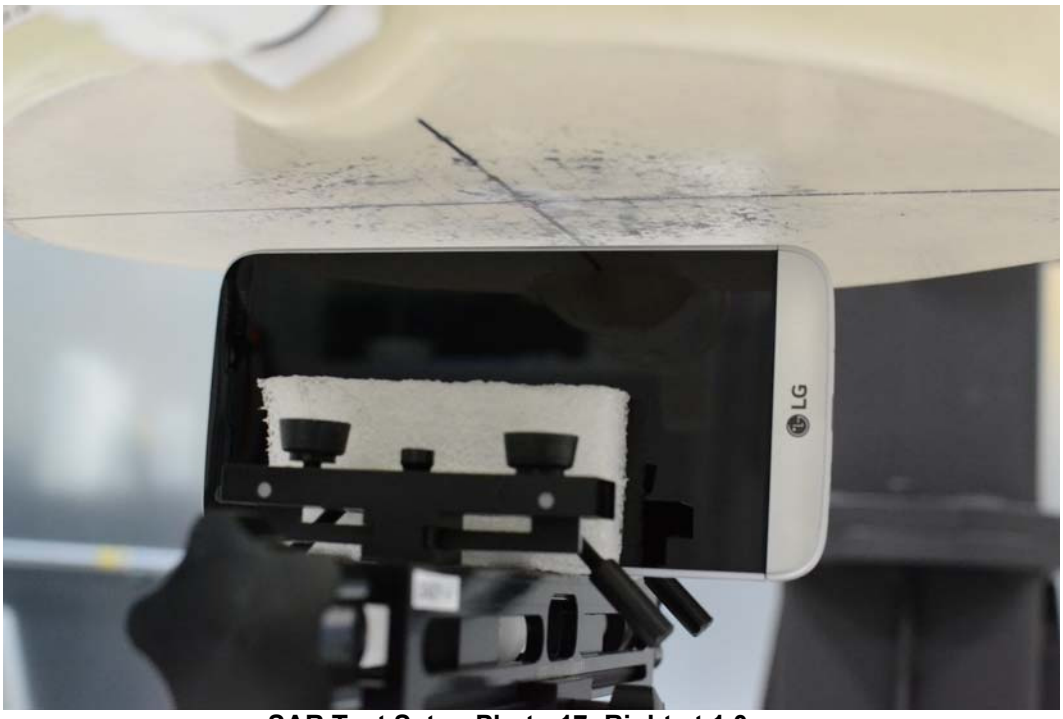


**SAR Test Setup Photo 17: Right at 1.0 cm**

**SAR Test Setup Photo 18: Right at 1.0 cm Camera Module Accessory**


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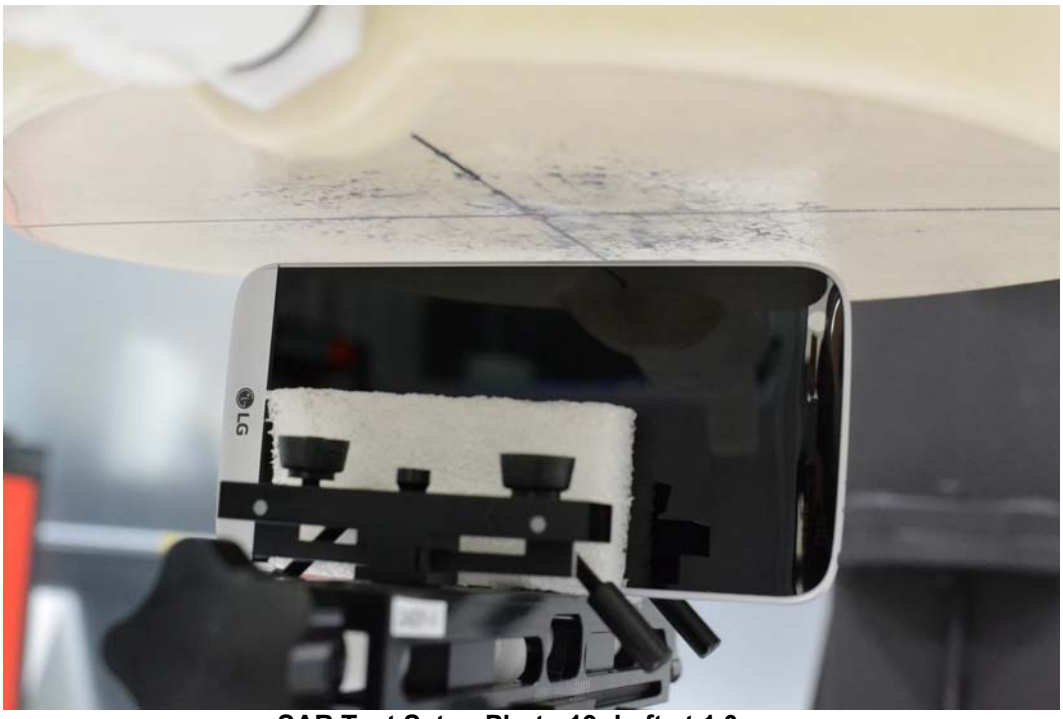

**SAR Test Setup Photo 19: Left at 1.0 cm**

**SAR Test Setup Photo 20: Left at 1.0 cm Camera Module Accessory**



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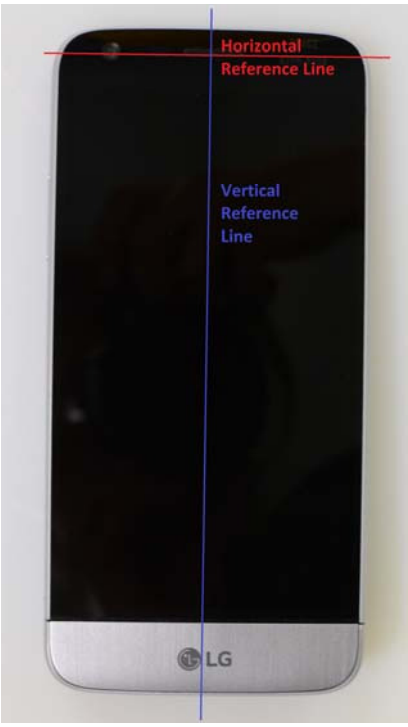
**SAR Test Setup Photo 21: Horizontal and Vertical Reference Lines**




**SAR Test Setup Photo 22: Horizontal and Vertical Reference Lines Camera Module Accessory**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