

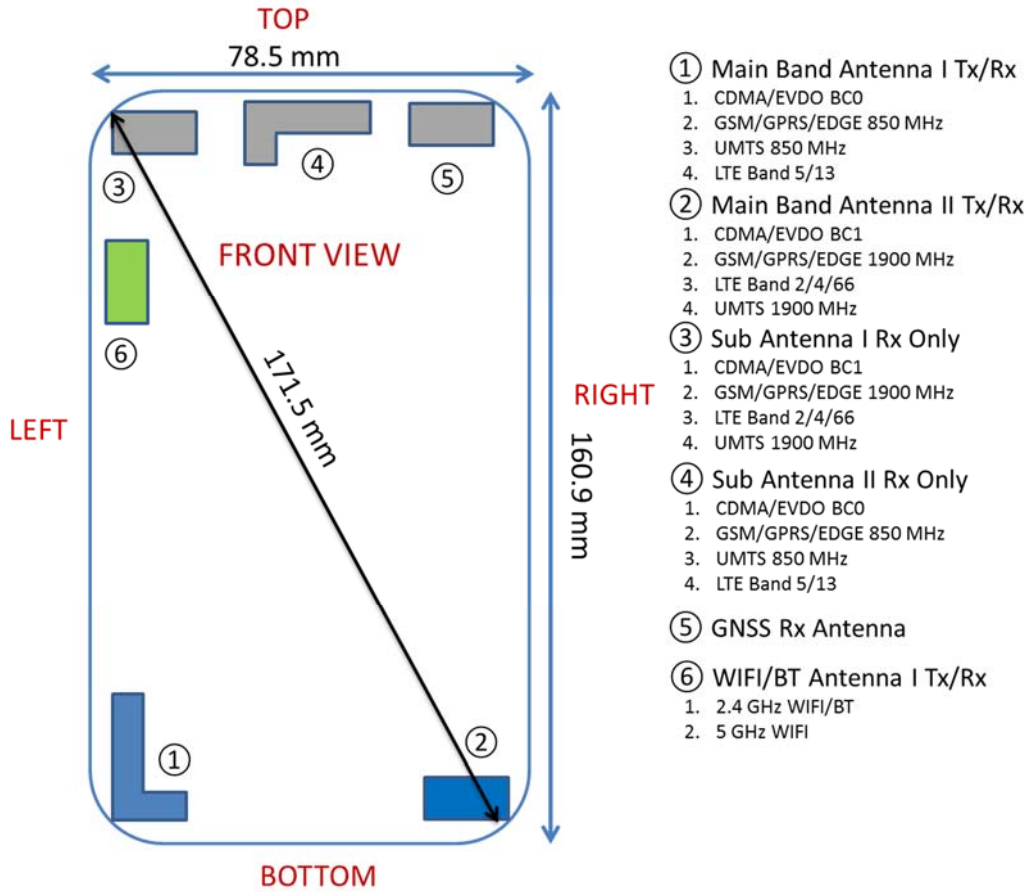


APPENDIX F: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS



FCC ID ZNFQ720VS	 PCTEST PROFESSIONAL CORPORATION, INC.	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 05/20/19 - 06/03/19	DUT Type: Portable Handset			APPENDIX F: Page 1 of 11

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
 - 2. GSM/GPRS/EDGE 850 MHz
 - 3. UMTS 850 MHz
 - 4. LTE Band 5/13
- ② Main Band Antenna II Tx/Rx
 - 1. CDMA/EVDO BC1
 - 2. GSM/GPRS/EDGE 1900 MHz
 - 3. LTE Band 2/4/66
 - 4. UMTS 1900 MHz
- ③ Sub Antenna I Rx Only
 - 1. CDMA/EVDO BC1
 - 2. GSM/GPRS/EDGE 1900 MHz
 - 3. LTE Band 2/4/66
 - 4. UMTS 1900 MHz
- ④ Sub Antenna II Rx Only
 - 1. CDMA/EVDO BC0
 - 2. GSM/GPRS/EDGE 850 MHz
 - 3. UMTS 850 MHz
 - 4. LTE Band 5/13
- ⑤ GNSS Rx Antenna
- ⑥ WIFI/BT Antenna I Tx/Rx
 - 1. 2.4 GHz WIFI/BT
 - 2. 5 GHz WIFI

Figure F-1
DUT Antenna Locations

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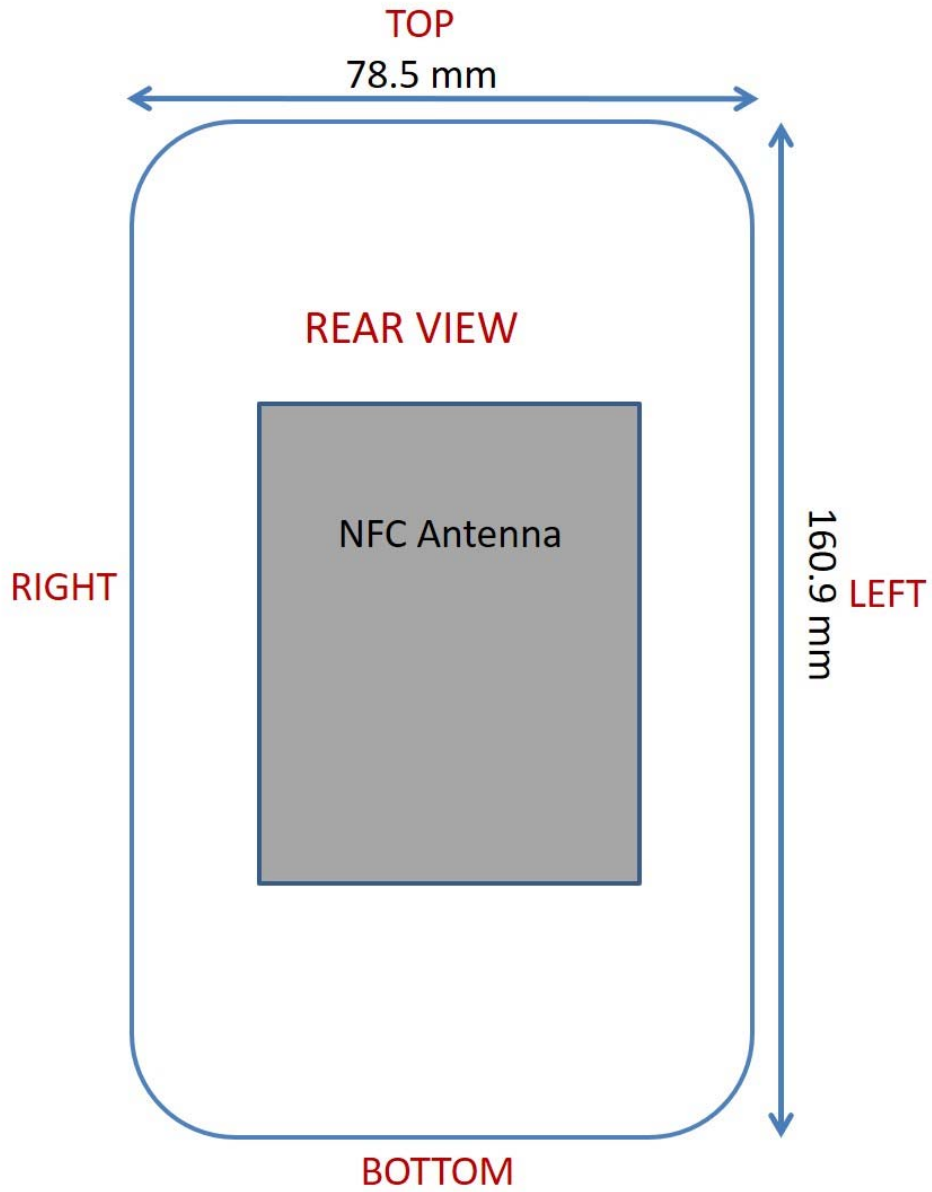


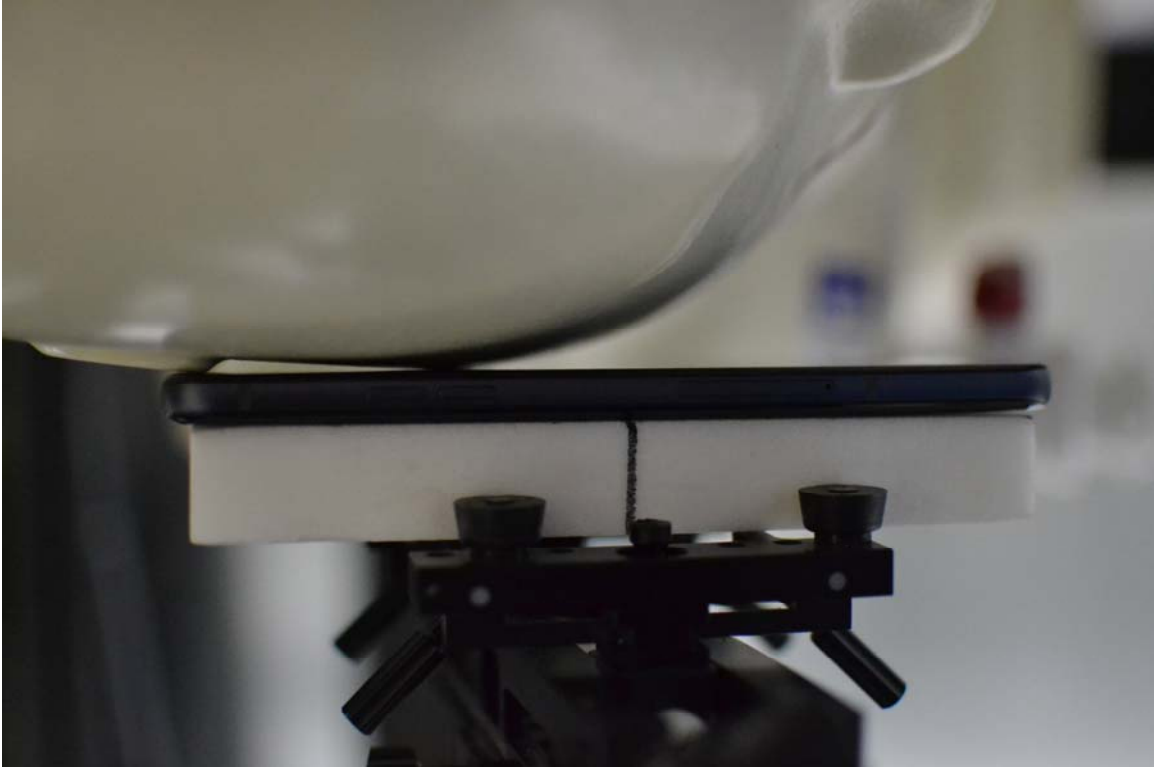
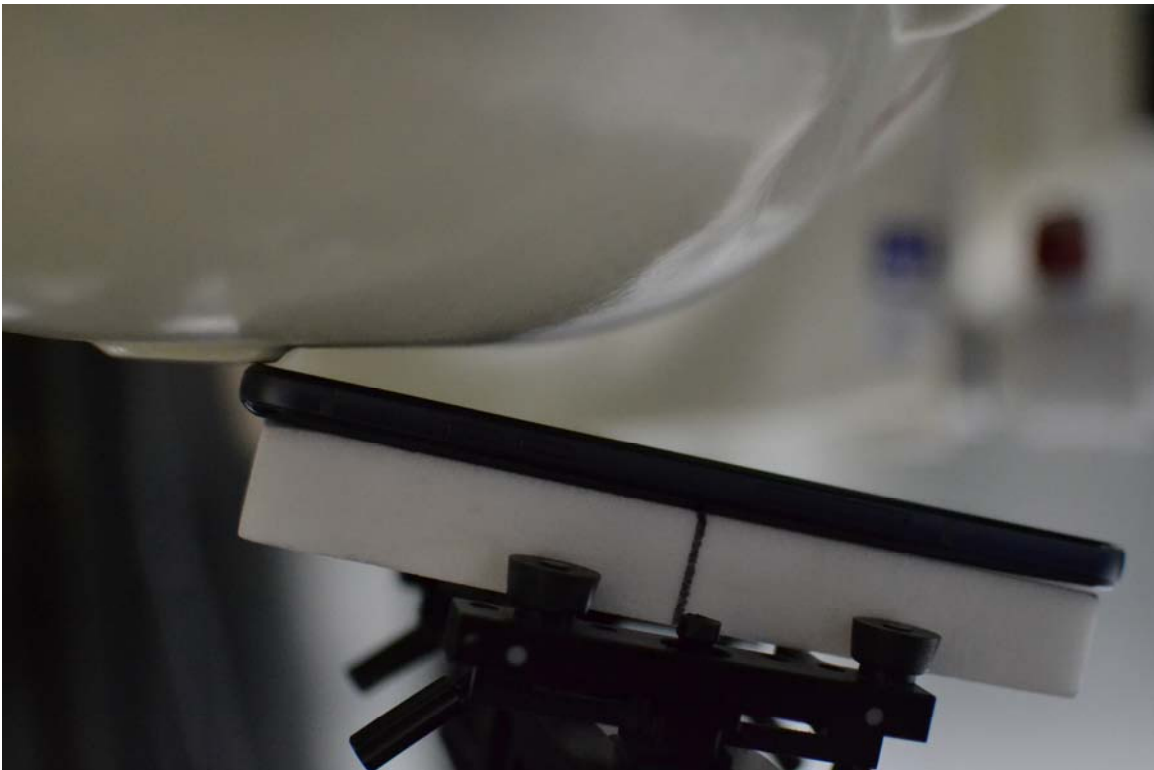


Figure F-2
NFC Antenna Locations



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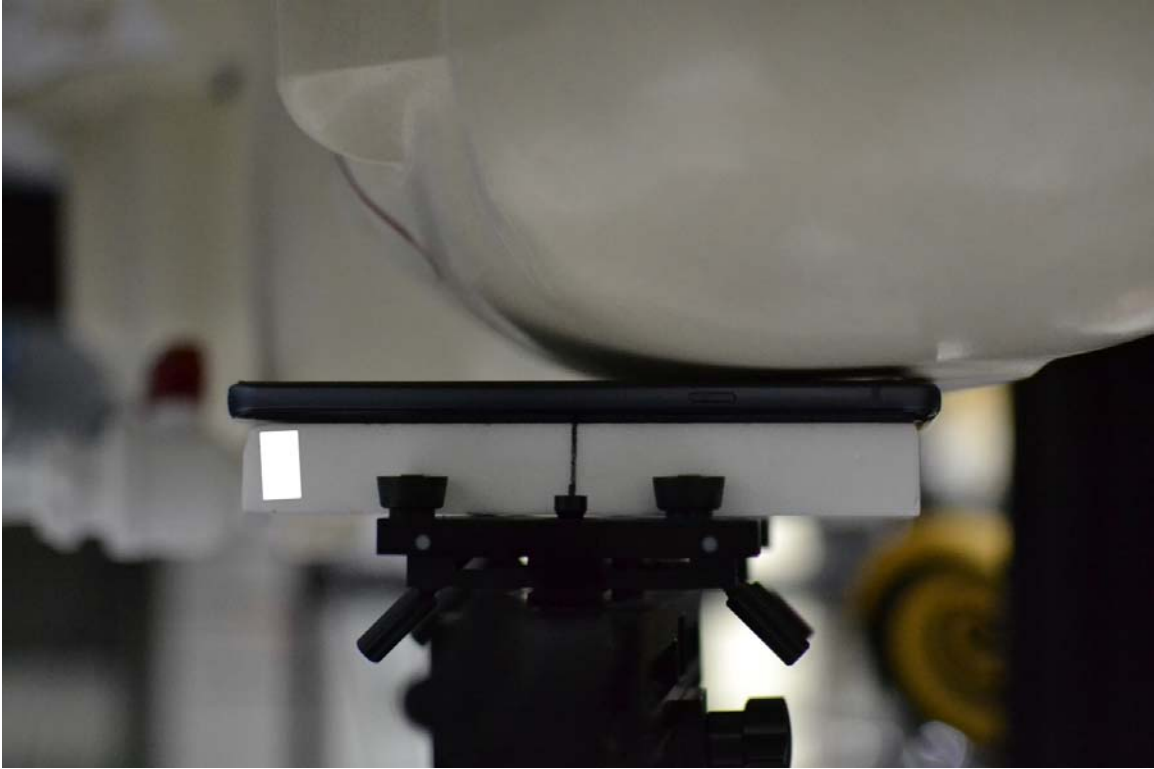


SAR Test Setup Photo 1 – Right Cheek

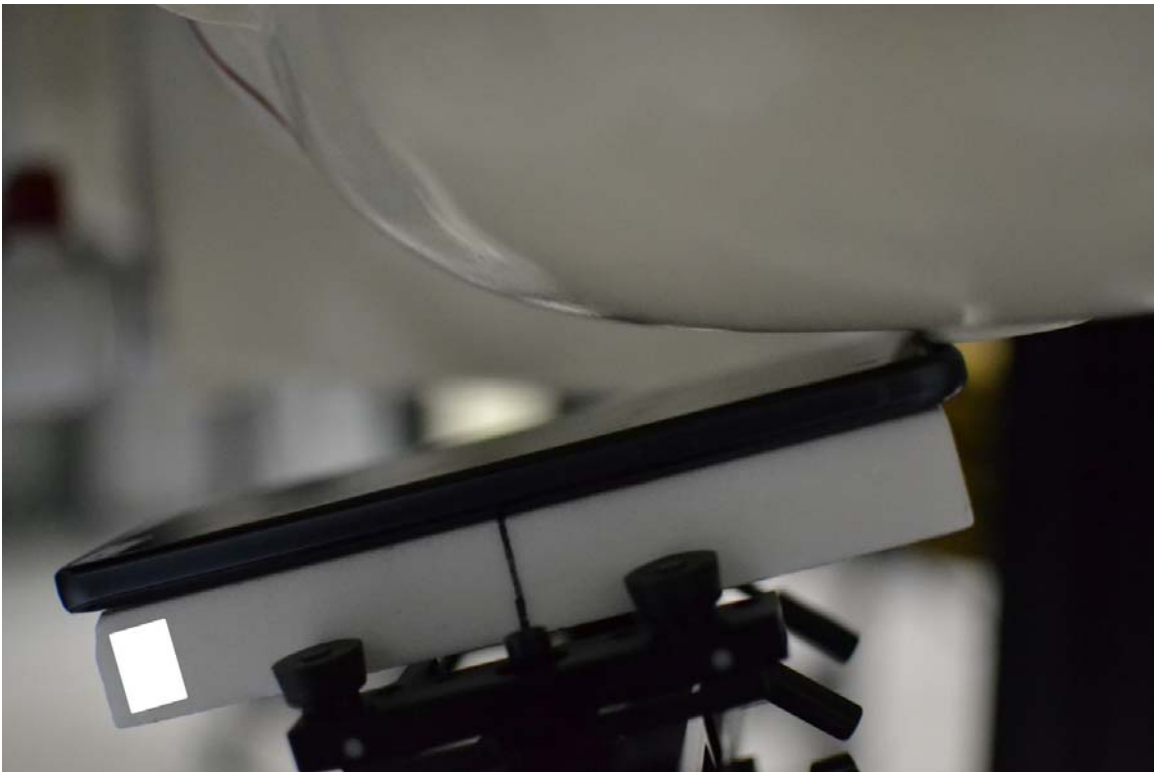


SAR Test Setup Photo 2 – Right Tilt



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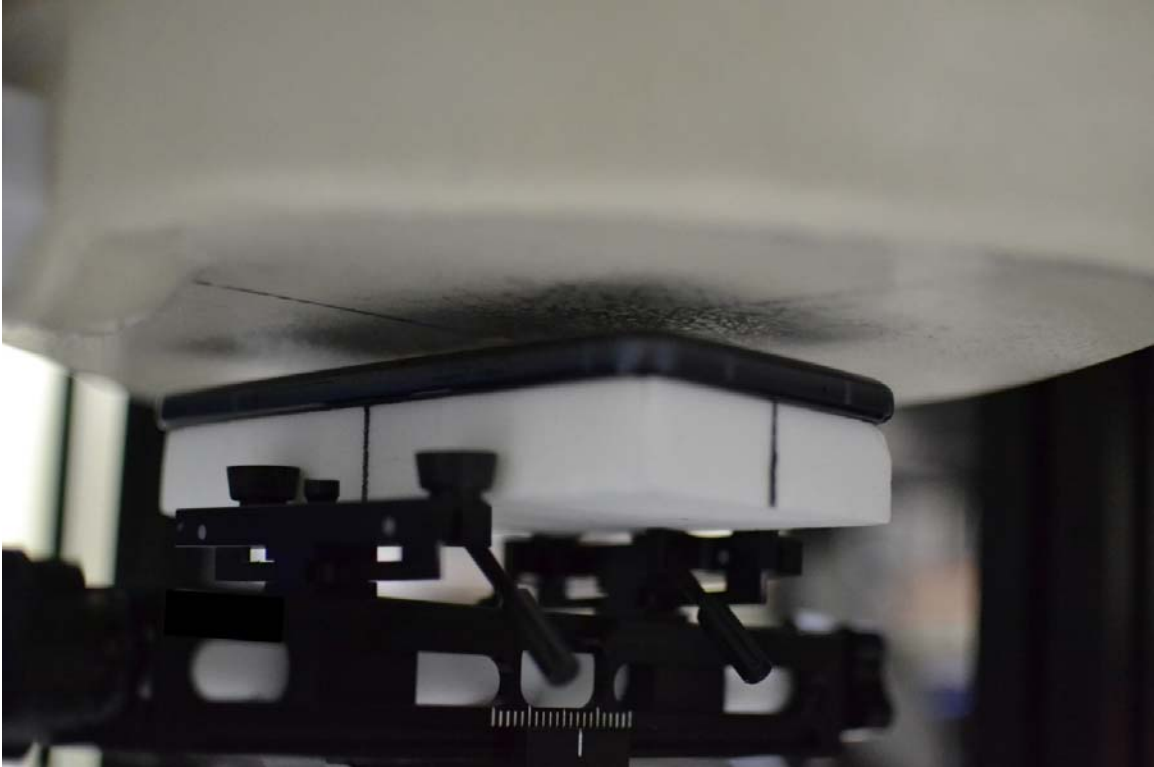


SAR Test Setup Photo 3 – Left Cheek

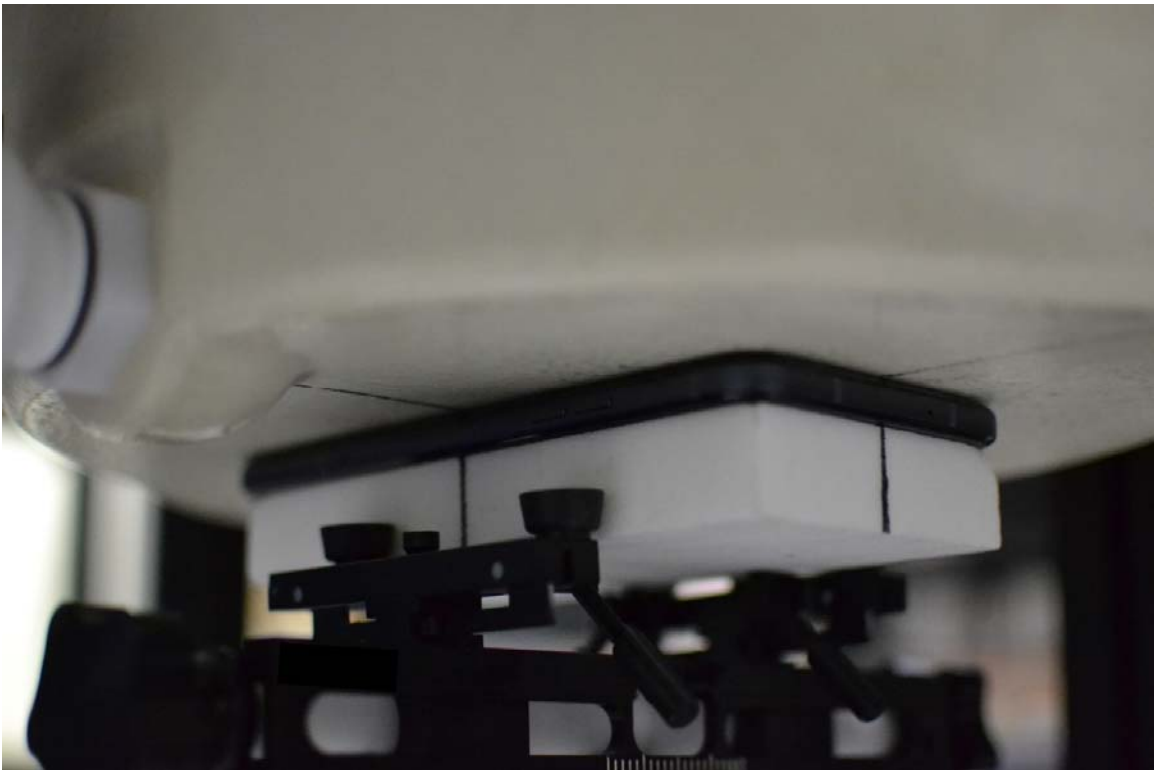


SAR Test Setup Photo 4 – Left Tilt



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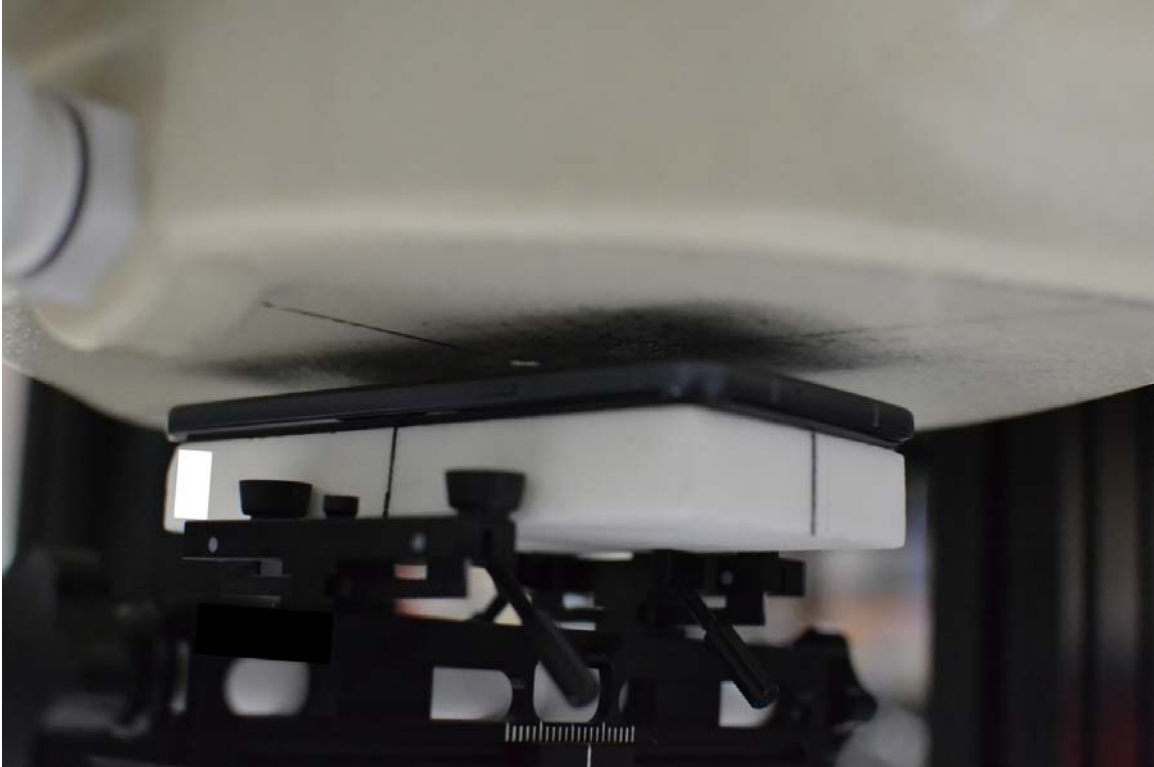


SAR Test Setup Photo 5 – Back Side at 1.0cm



SAR Test Setup Photo 6 – Back Side at 0.0cm



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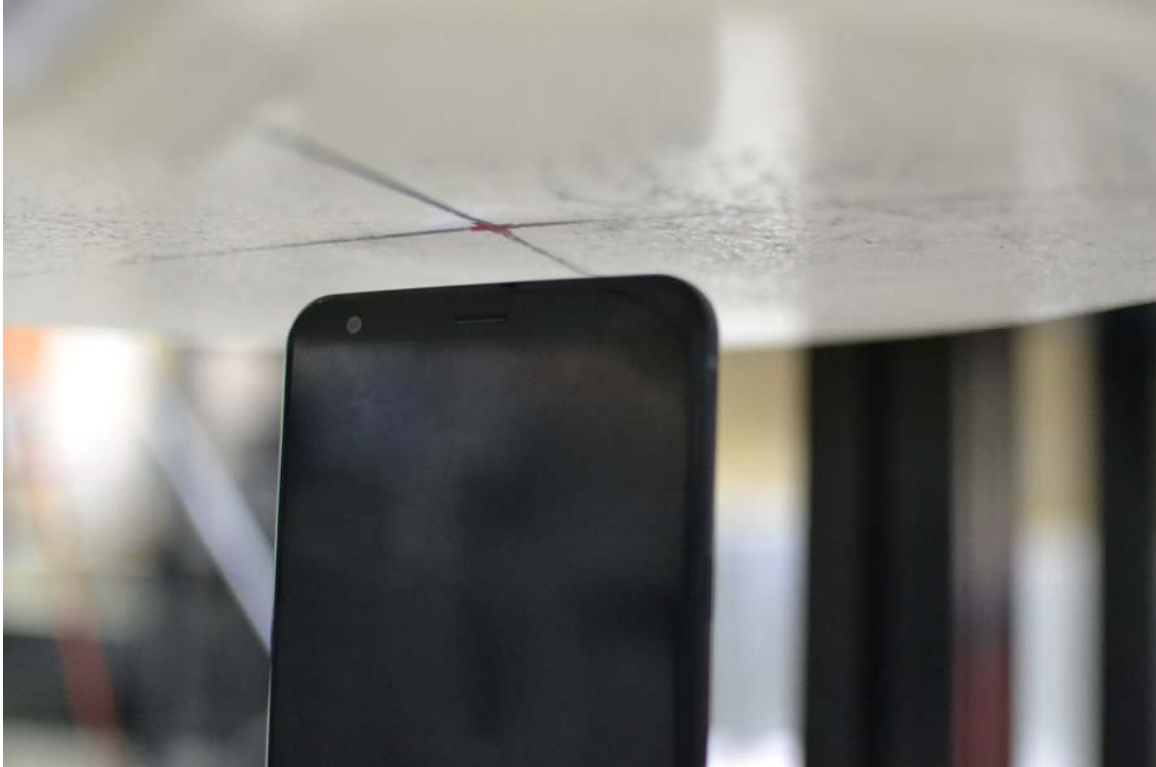


SAR Test Setup Photo 7 – Front Side at 1.0cm

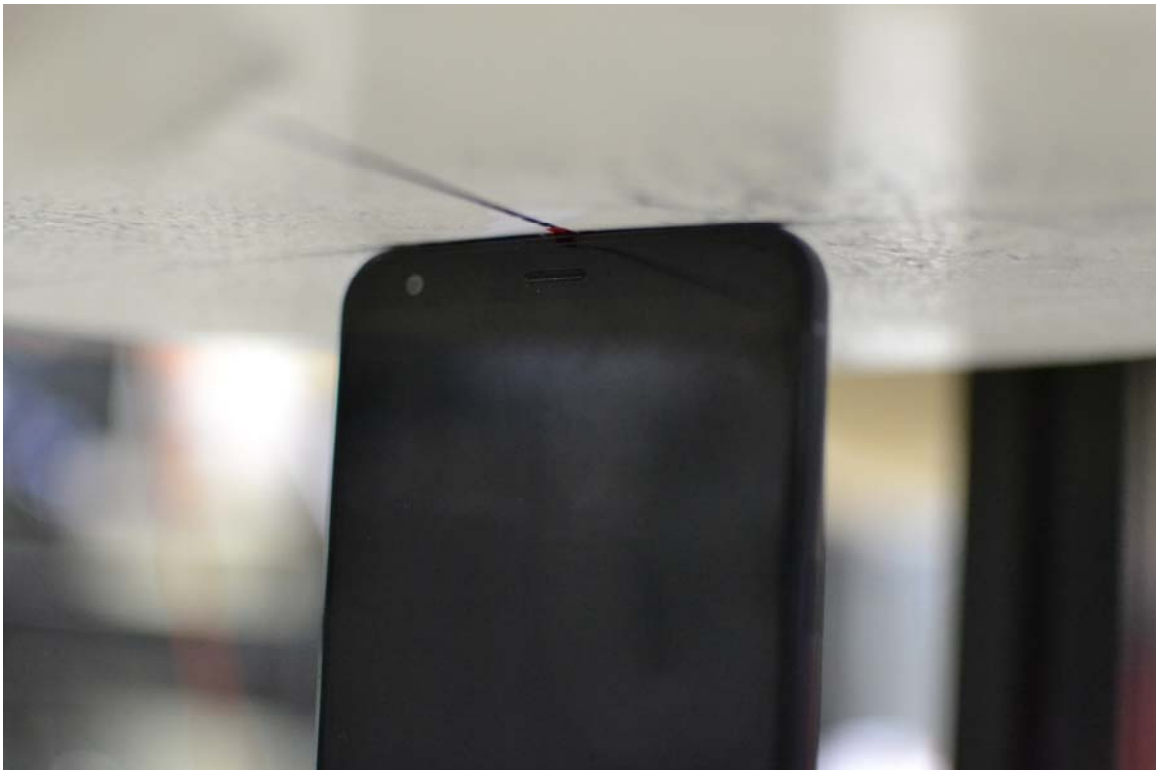


SAR Test Setup Photo 8 – Front Side at 0.0cm



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SAR Test Setup Photo 9 – Top Edge at 1.0cm



SAR Test Setup Photo 10 – Top Edge at 0.0cm



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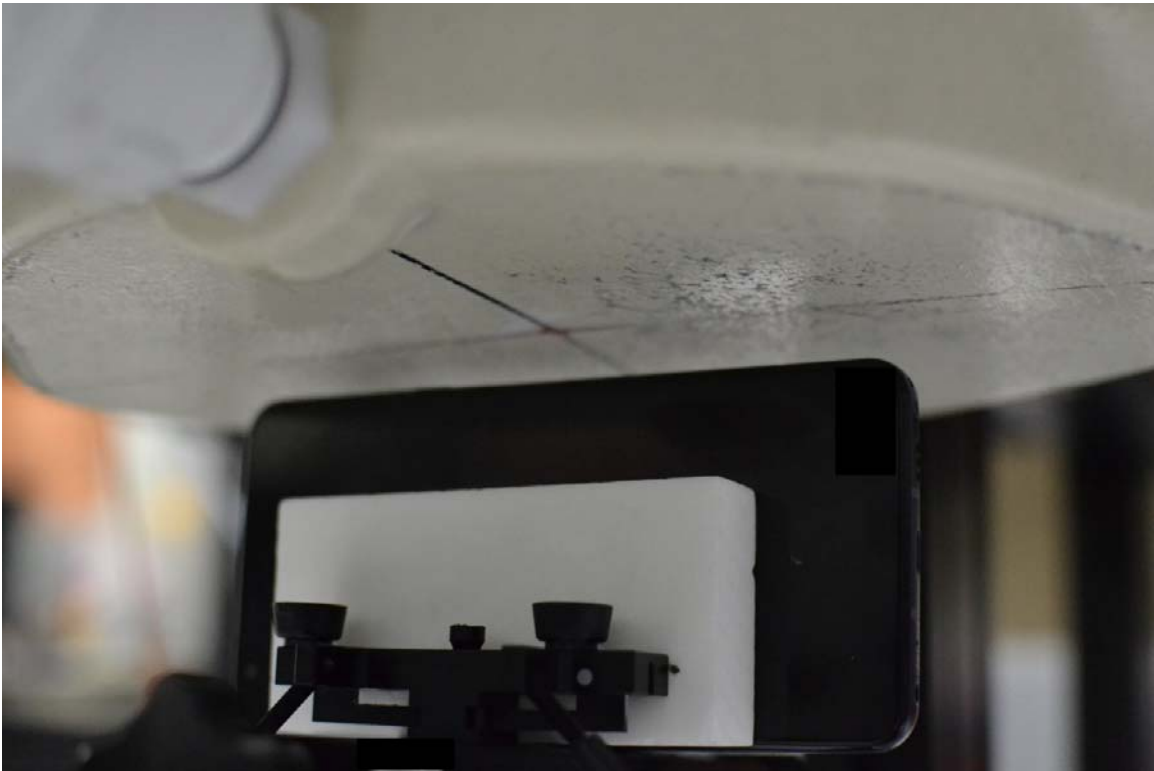


SAR Test Setup Photo 11 – Bottom Edge at 1.0cm

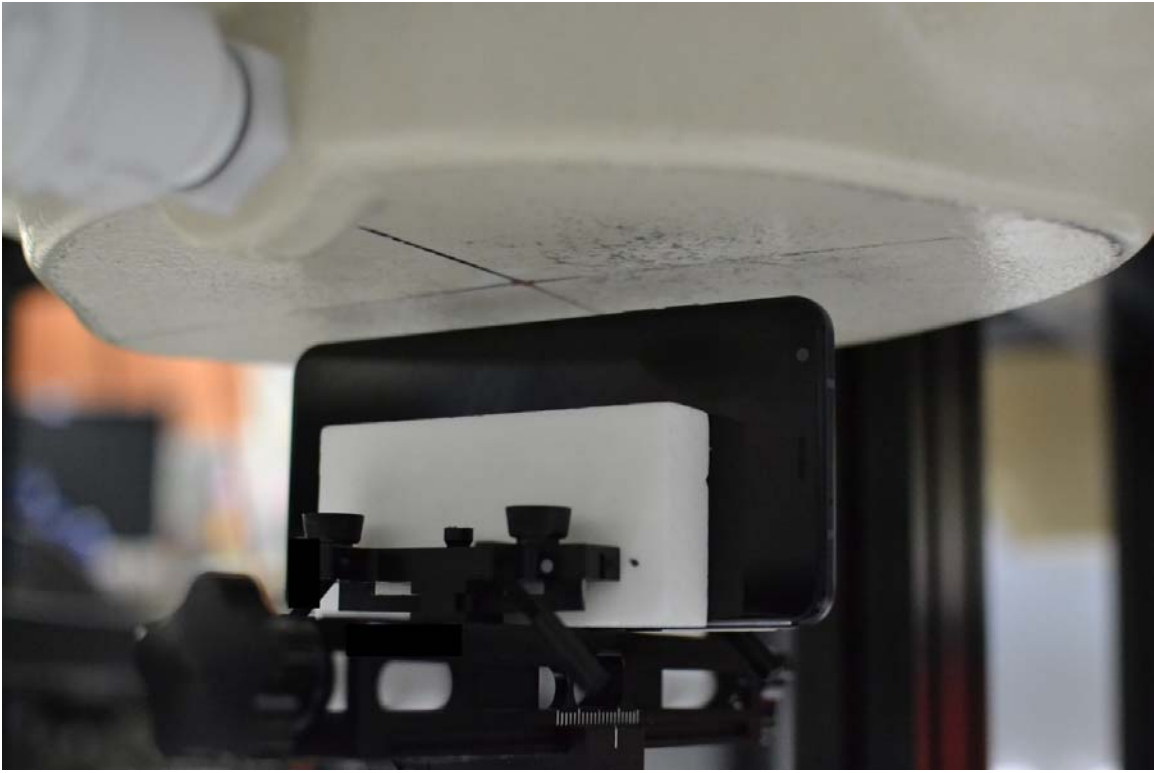


SAR Test Setup Photo 12 – Bottom Edge at 0.0cm



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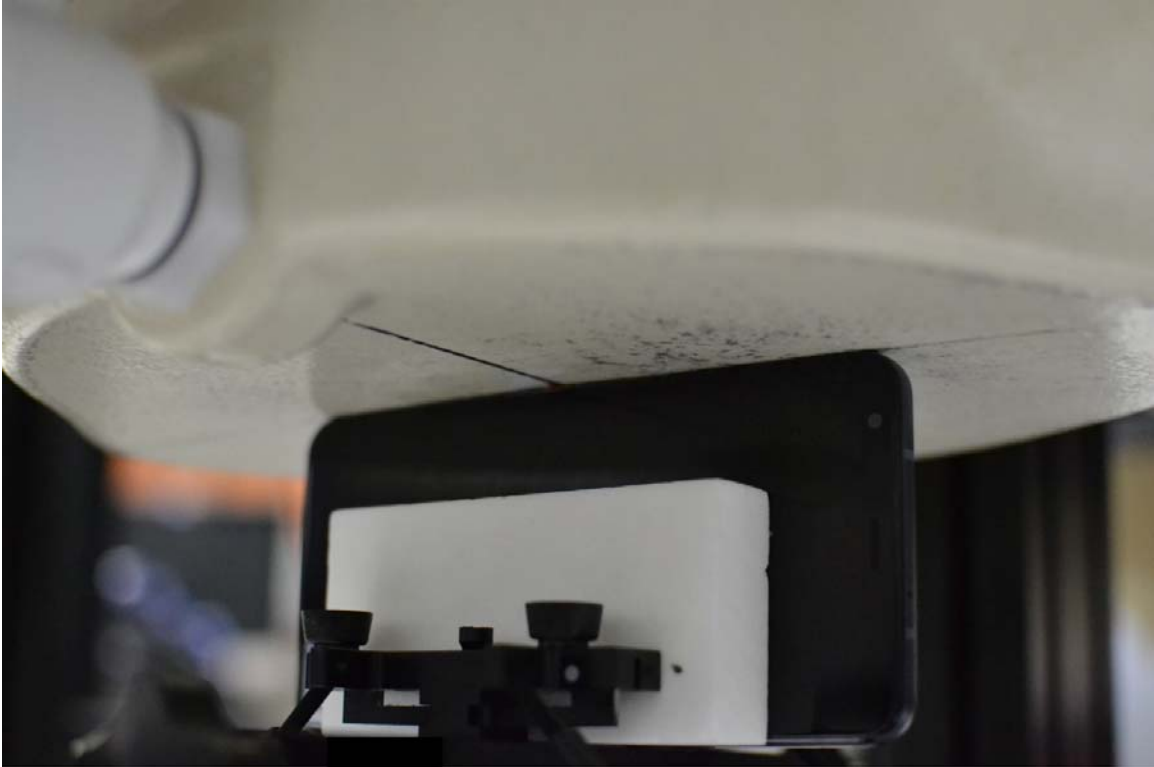


SAR Test Setup Photo 13 – Right Edge at 1.0cm



SAR Test Setup Photo 14 – Left Edge at 1.0cm



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SAR Test Setup Photo 15 – Left Edge at 0.0cm



SAR Test Setup Photo 16 – Horizontal and Vertical Reference Lines

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