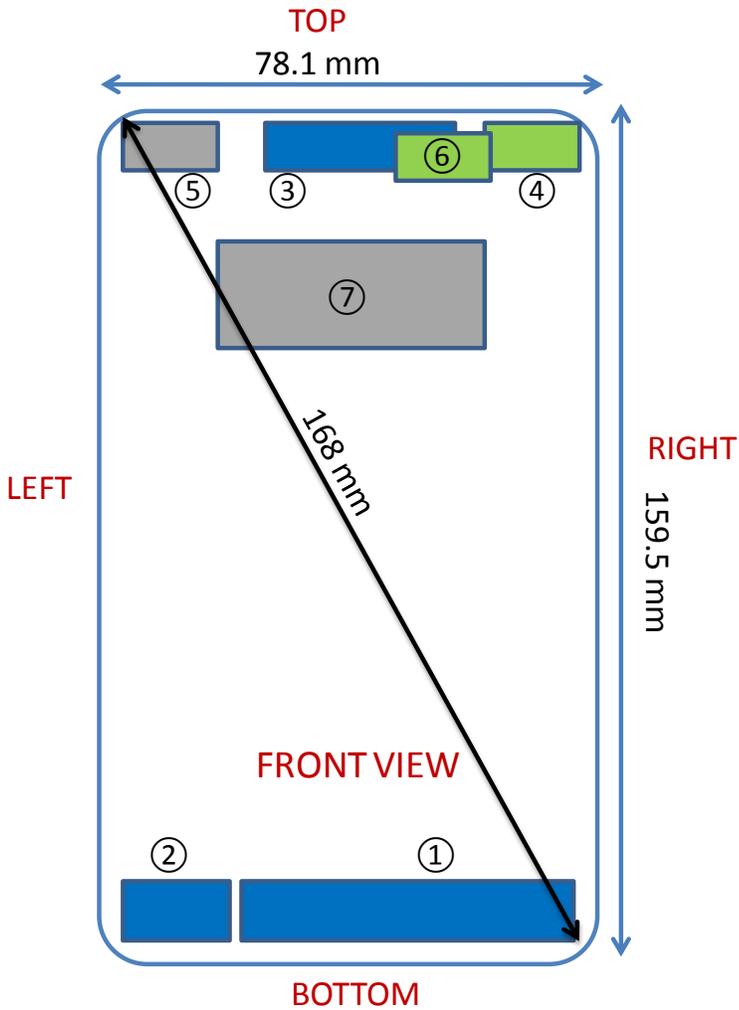


APPENDIX F: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

FCC ID ZNFH918	 PCTEST ENGINEERING LABORATORY, INC.	SAR EVALUATION REPORT	 LG	Reviewed by: Quality Manager
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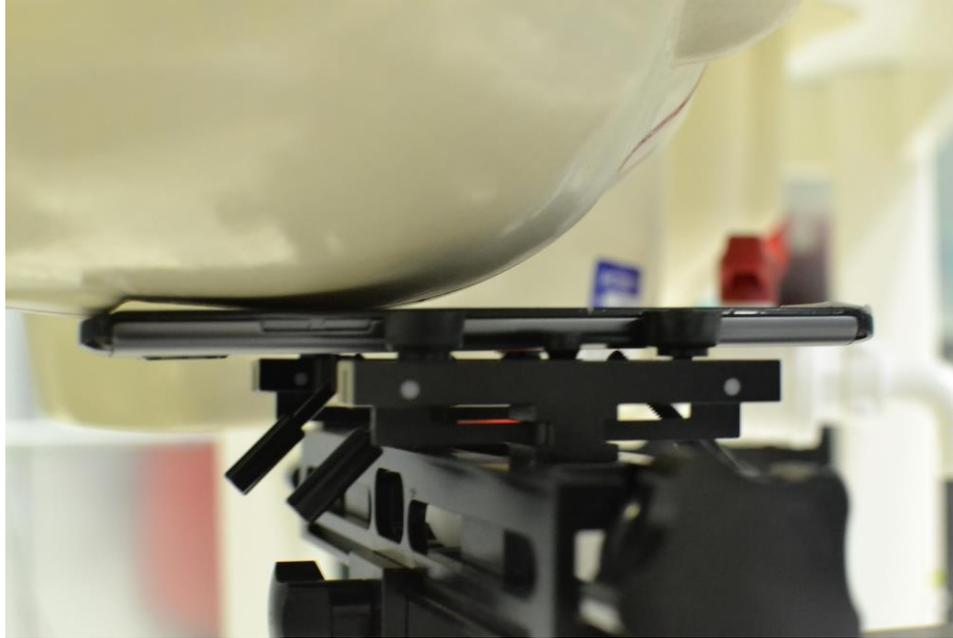


- ① Main Band Antenna Tx/Rx
 1. GSM/GPRS/EDGE 850 MHz
 2. UMTS Band V
 3. LTE Band 5/12/13
- ② Main Band Antenna II Tx/Rx
 1. GSM/GPRS/EDGE 1900 MHz
 2. UMTS Band II/IV
 3. LTE Band 2/4/66
- ③ ASDiv Antenna Tx/Rx
 1. LTE Band 5/12/13
 2. UMTS Band V
- ④ WIFI/BT Antenna I (Primary) Tx/Rx
 1. 2.4 GHz WIFI/BT
 2. 5 GHz WIFI
 3. GNSS
- ⑤ Rx Only Antenna
 1. UMTS Band II/IV
 2. LTE Band 2/4/66
- ⑥ WIFI Antenna II (Secondary) Tx/Rx
 1. 2.4 GHz WIFI
 2. 5 GHz WIFI
- ⑦ NFC Antenna (Tx/Rx Only)

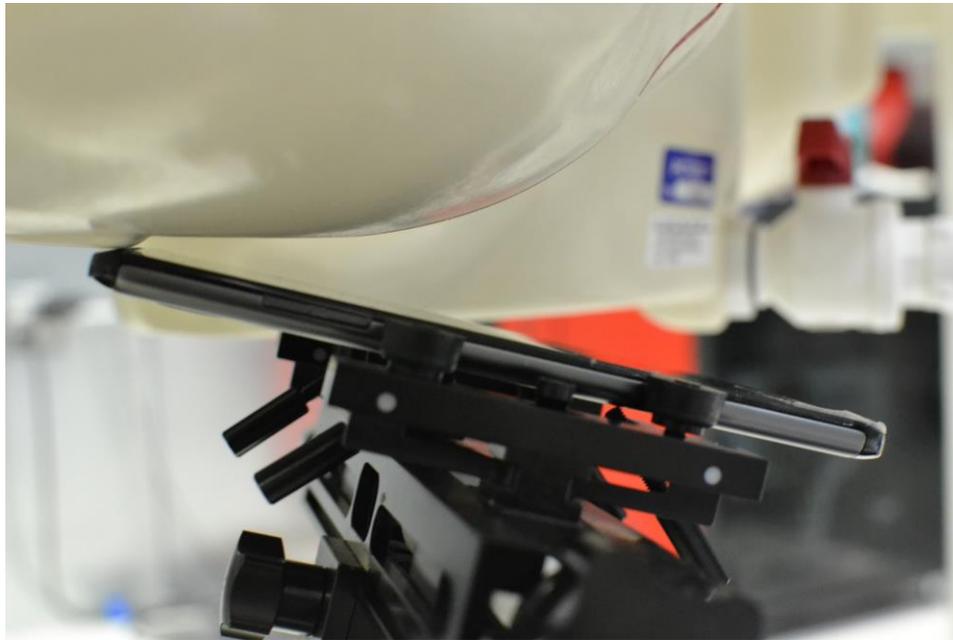
Note: Exact antenna dimensions and separation distances are shown in the Technical Descriptions in the FCC Filing.

Figure F-1
DUT Antenna Locations

FCC ID ZNFH918	 PCTEST PROFESSIONAL LABORATORIES, INC.	SAR EVALUATION REPORT		Reviewed by: Quality Manager
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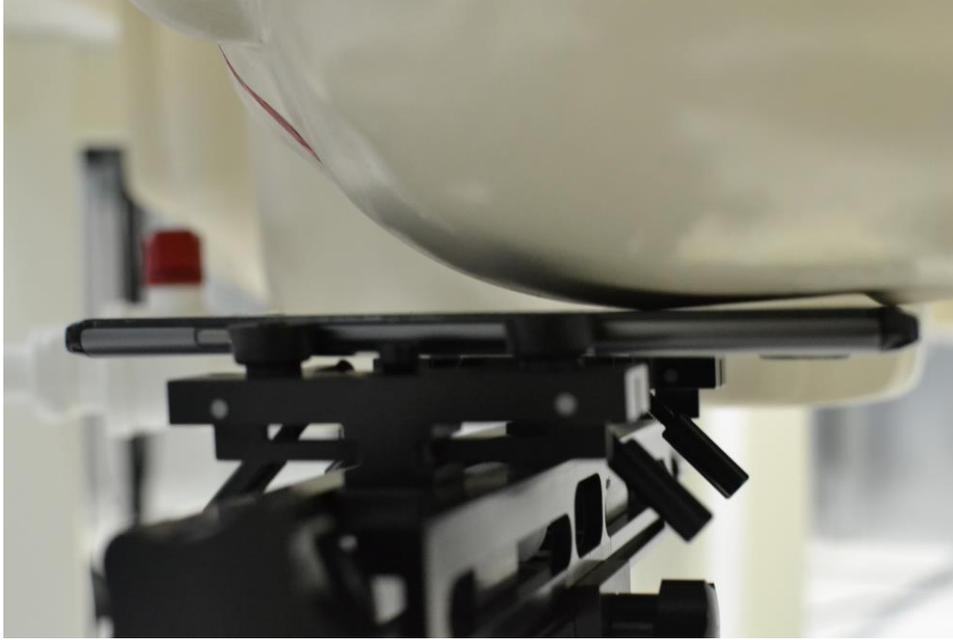


SAR Test Setup Photo 1: Right Cheek

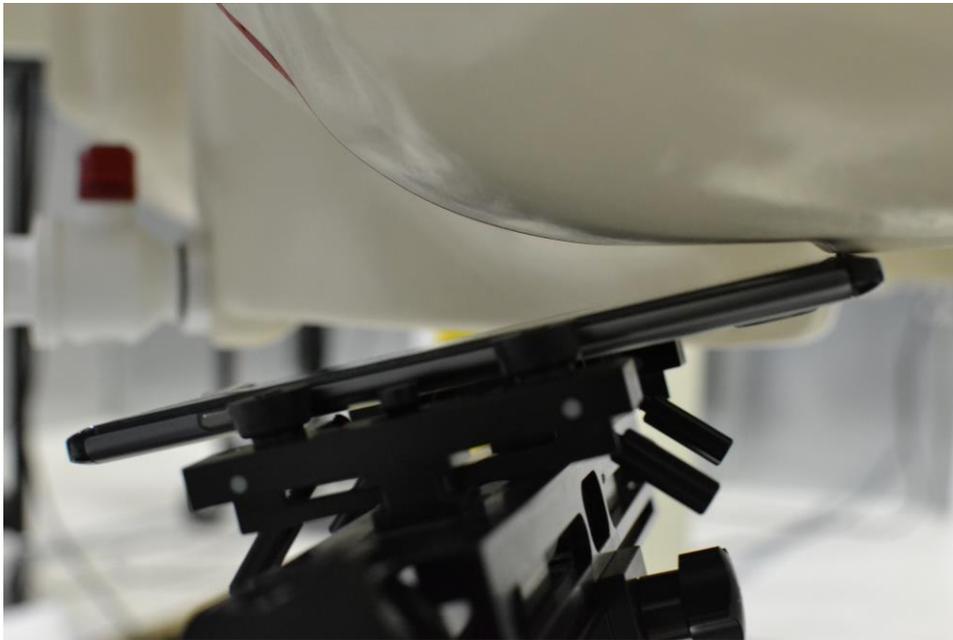


SAR Test Setup Photo 2: Right Tilt

FCC ID ZNFH918	 <small>PROFESSIONAL LABORATORY, INC.</small>	SAR EVALUATION REPORT		Reviewed by: Quality Manager
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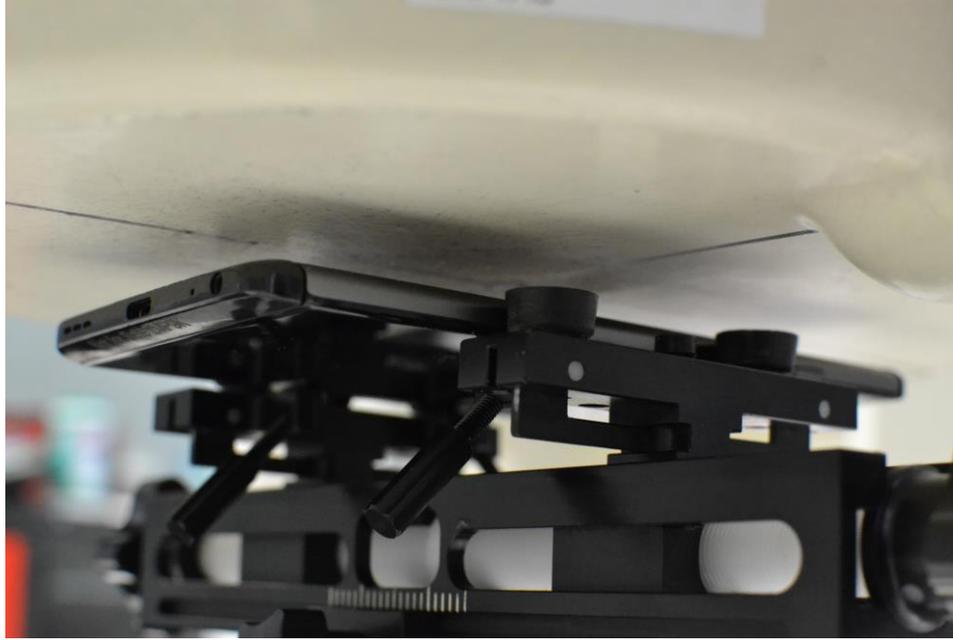


SAR Test Setup Photo 3: Left Cheek



SAR Test Setup Photo 4: Left Tilt

FCC ID ZNFH918		SAR EVALUATION REPORT		Reviewed by: Quality Manager
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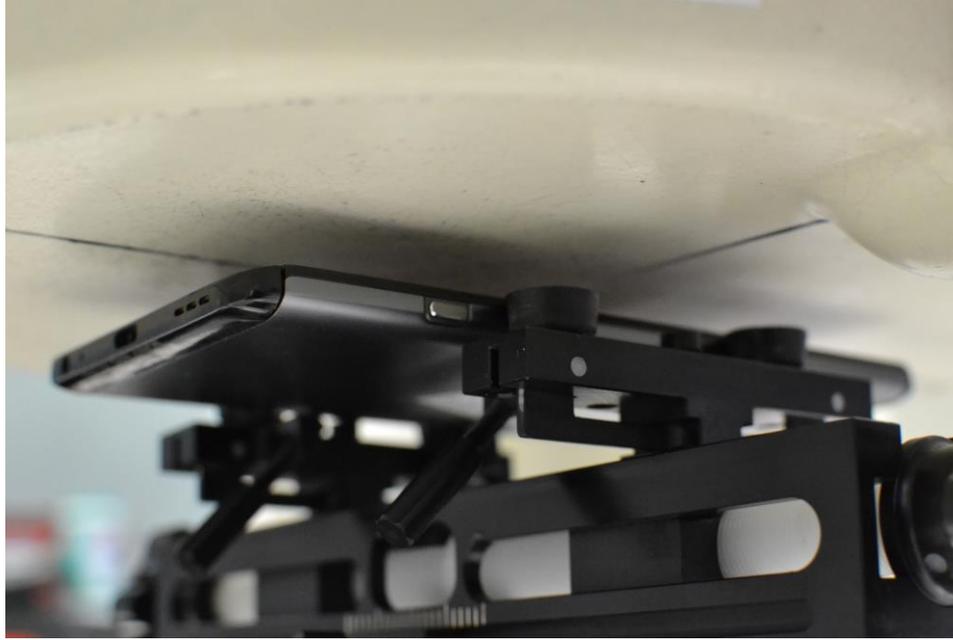


SAR Test Setup Photo 5: Back Side at 1.0 cm



SAR Test Setup Photo 6: Back Side at 0.0 cm

FCC ID ZNFH918		SAR EVALUATION REPORT		Reviewed by: Quality Manager
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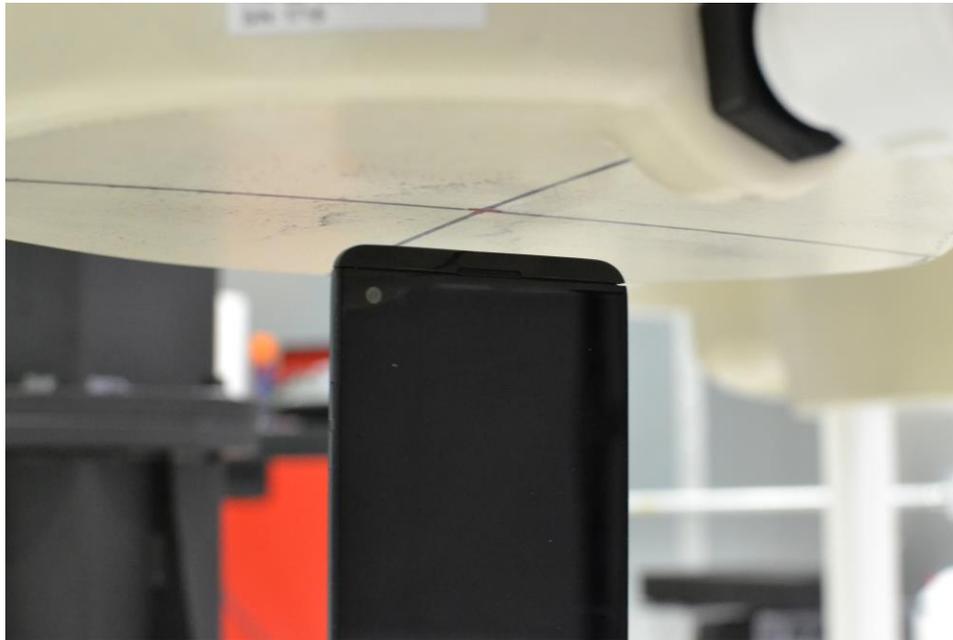


SAR Test Setup Photo 7: Front Side at 1.0 cm

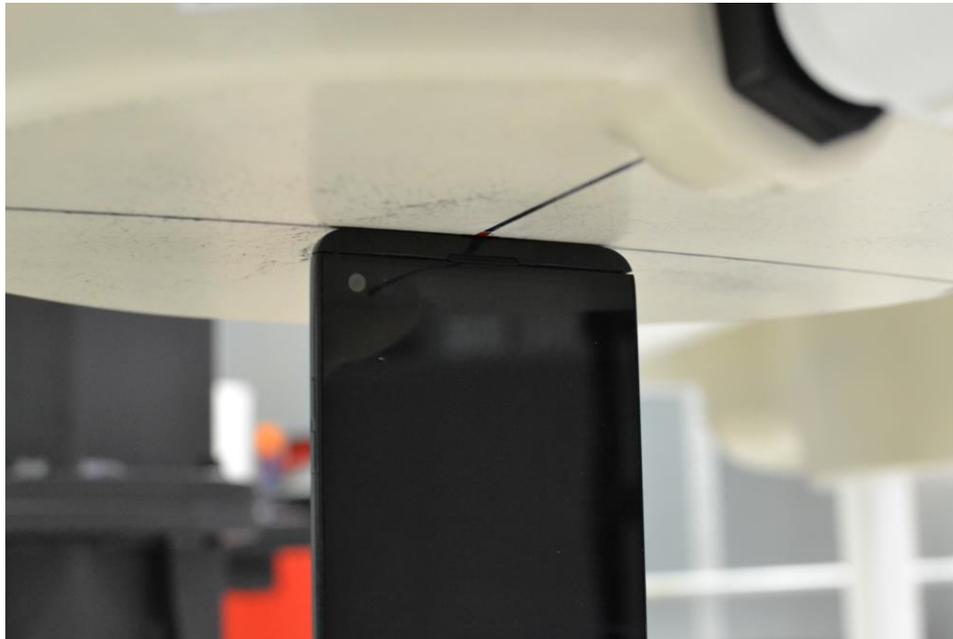


SAR Test Setup Photo 8: Front Side at 0.0 cm

FCC ID ZNFH918		SAR EVALUATION REPORT		Reviewed by: Quality Manager
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SAR Test Setup Photo 9: Top Edge at 1.0 cm

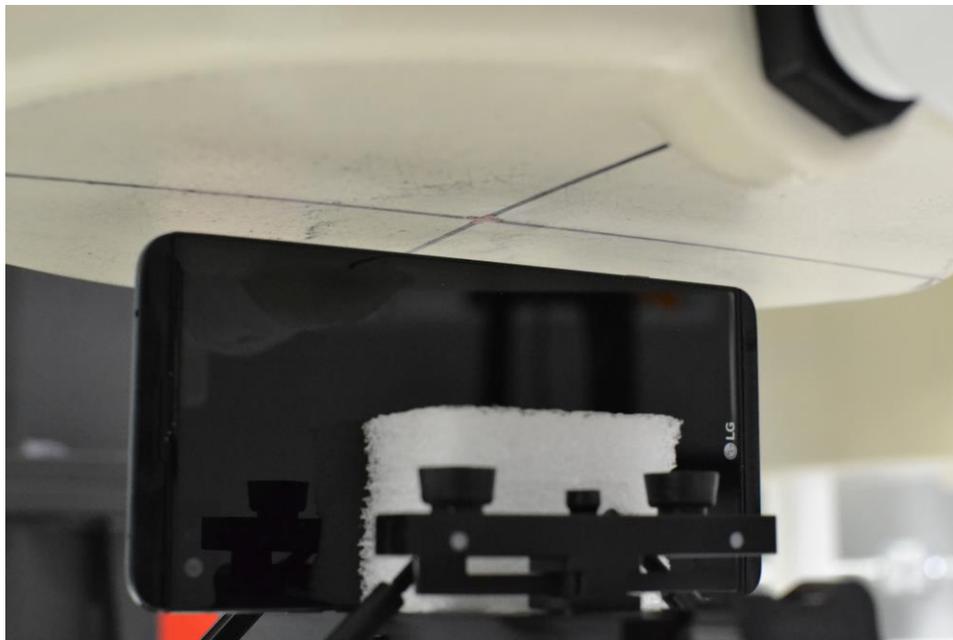


SAR Test Setup Photo 10: Top Edge at 0.0 cm

FCC ID ZNFH918		SAR EVALUATION REPORT		Reviewed by: Quality Manager
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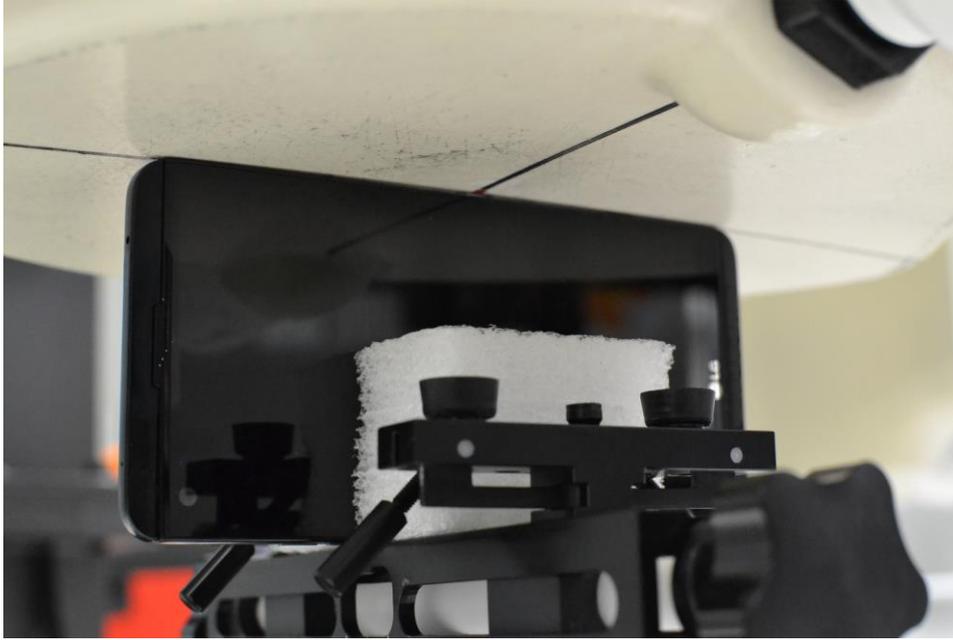


SAR Test Setup Photo 11: Bottom Edge at 1.0 cm

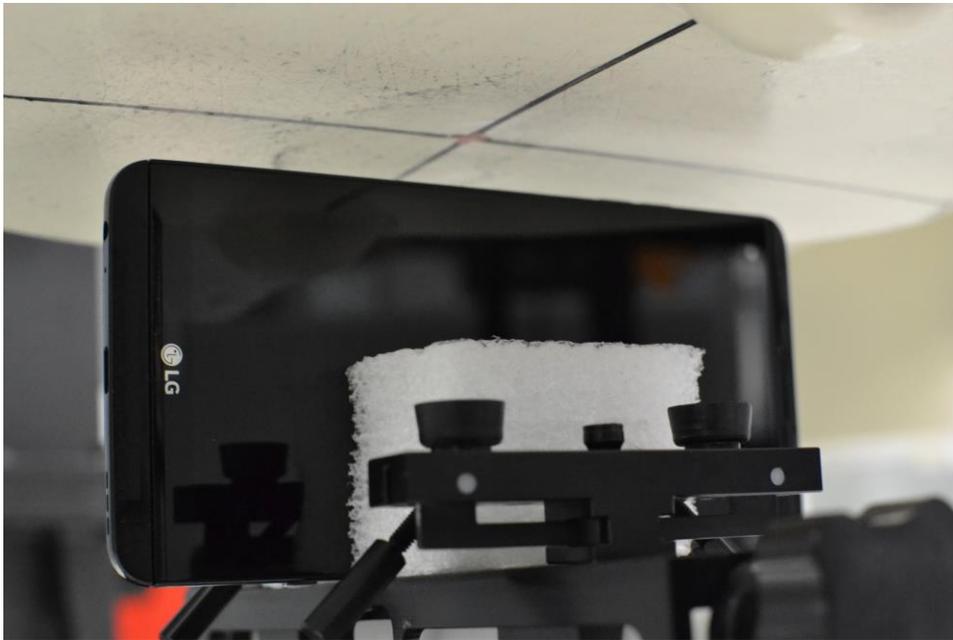


SAR Test Setup Photo 12: Right Edge at 1.0 cm

FCC ID ZNFH918		SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 08/08/16 – 08/30/16	DUT Type: Portable Handset	APPENDIX F: Page 8 of 10		

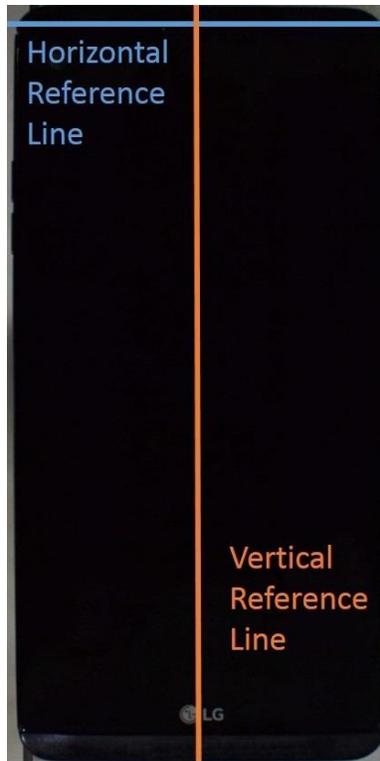


SAR Test Setup Photo 13: Right Edge at 0.0 cm



SAR Test Setup Photo 14: Left Edge at 1.0 cm

FCC ID ZNFH918	 <small>PROFESSIONAL LABORATORY, INC.</small>	SAR EVALUATION REPORT		Reviewed by: Quality Manager
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SAR Test Setup Photo 15: Horizontal and Vertical Reference Lines

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