

APPENDIX E: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

FCC ID: ZNFG900UM	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 04/27/20 - 06/25/20	DUT Type: Portable Handset			APPENDIX E: Page 1 of 23

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

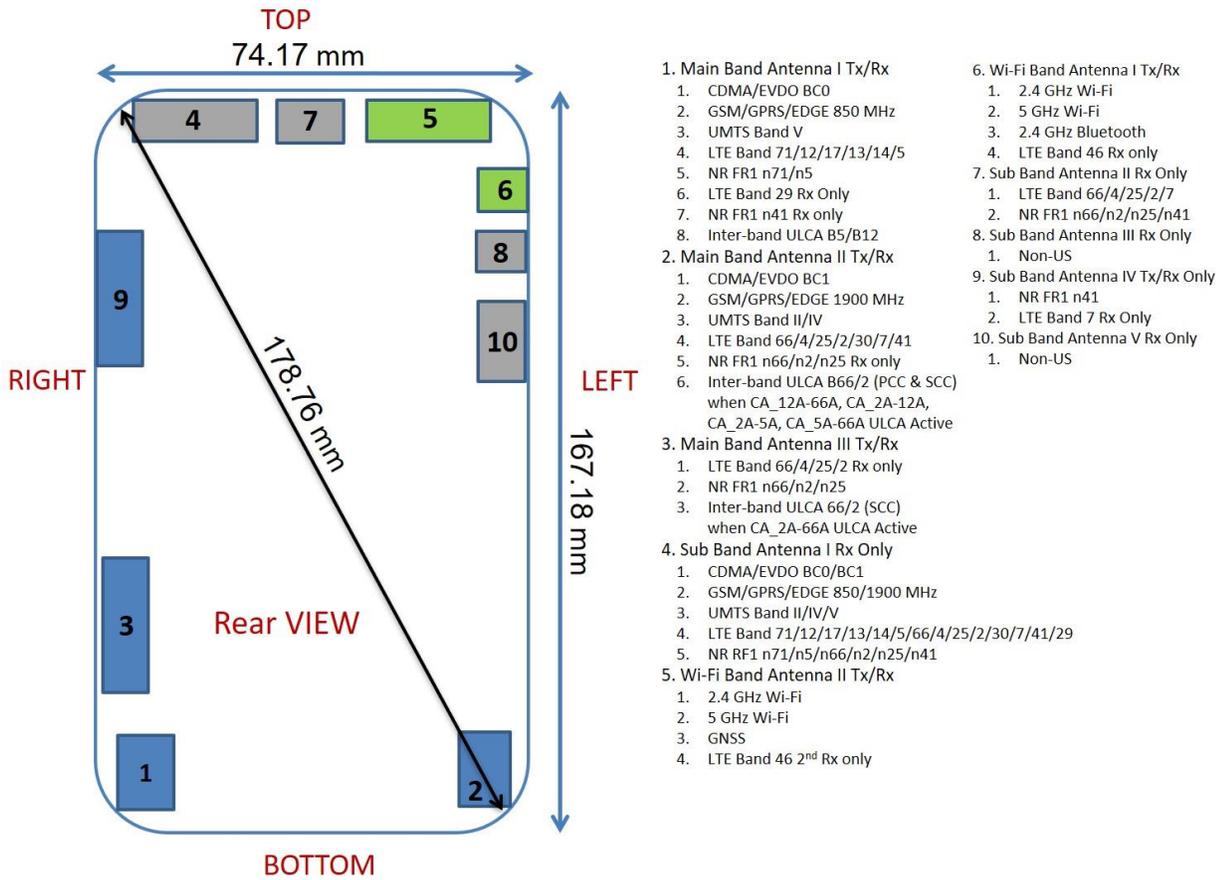


Figure E-1
DUT Antenna Locations

FCC ID: ZNFG900UM		SAR EVALUATION REPORT		Approved by: Quality Manager
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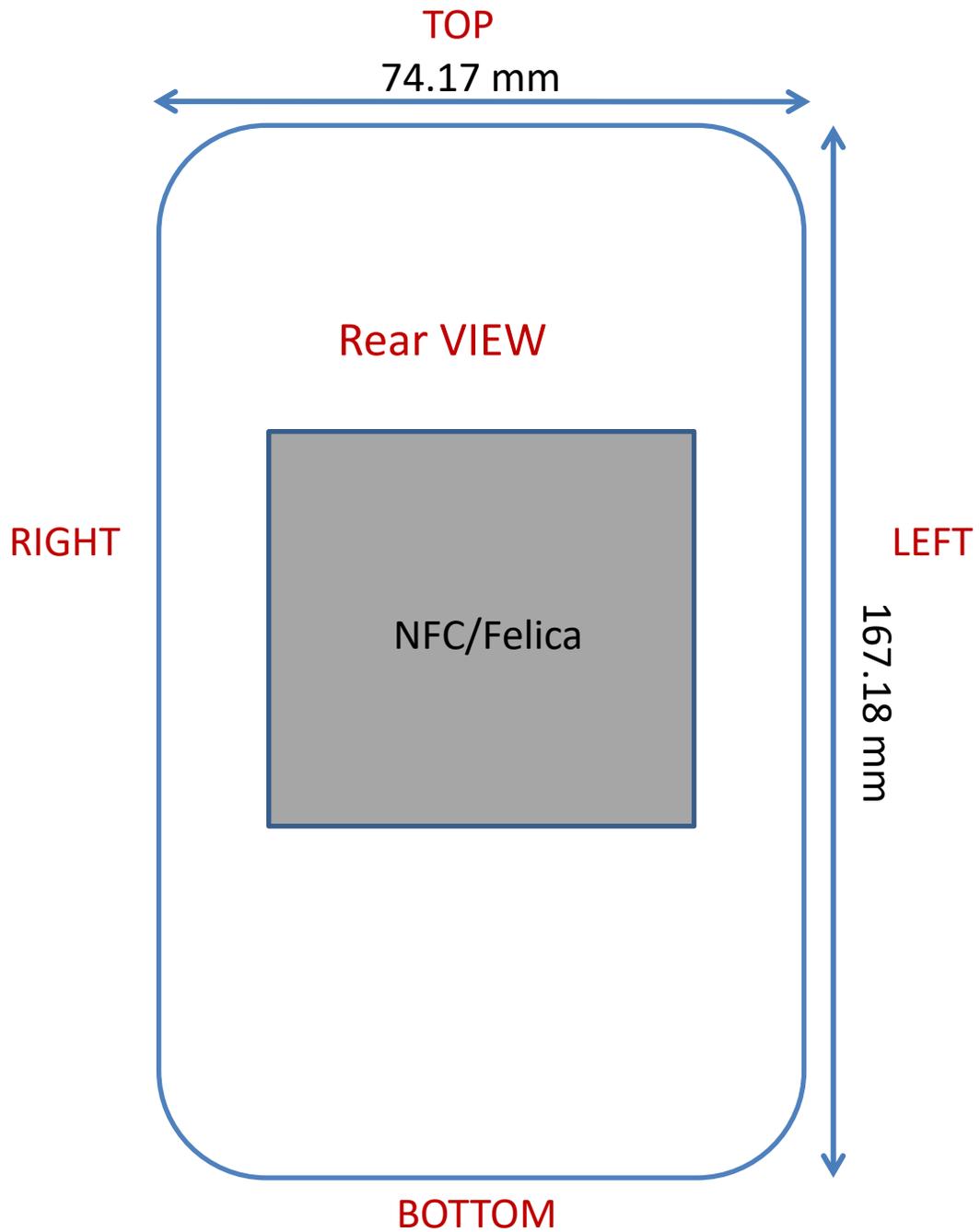
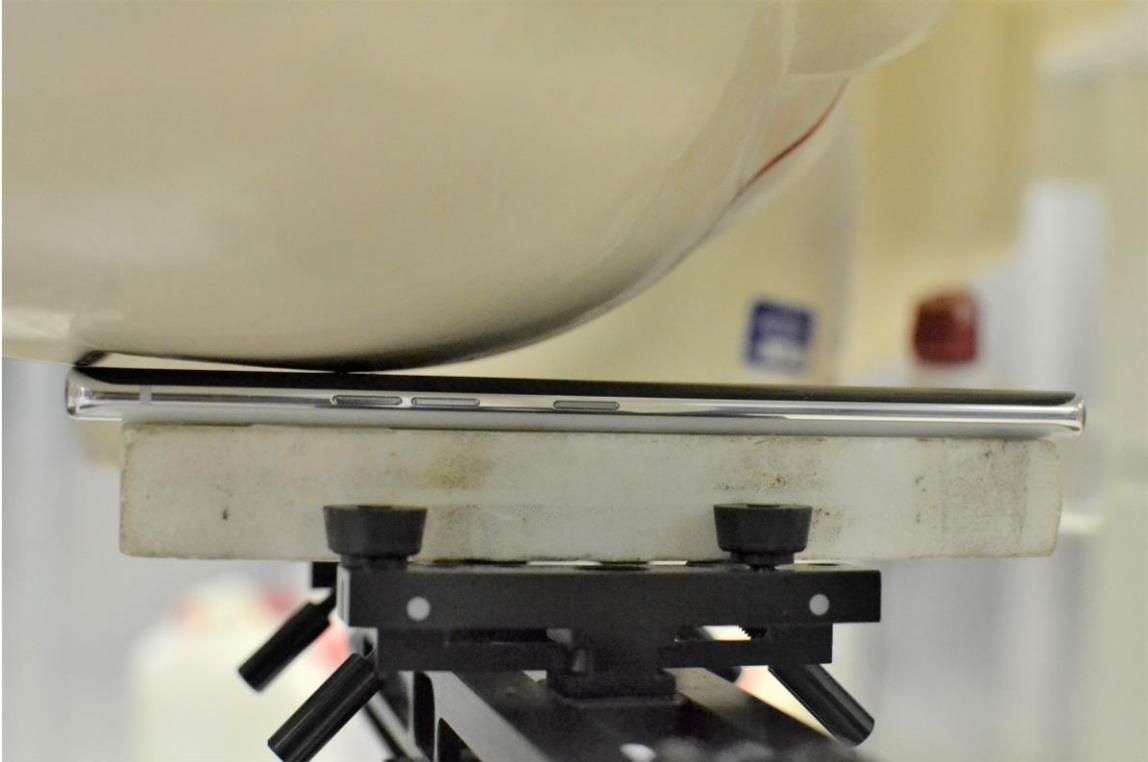
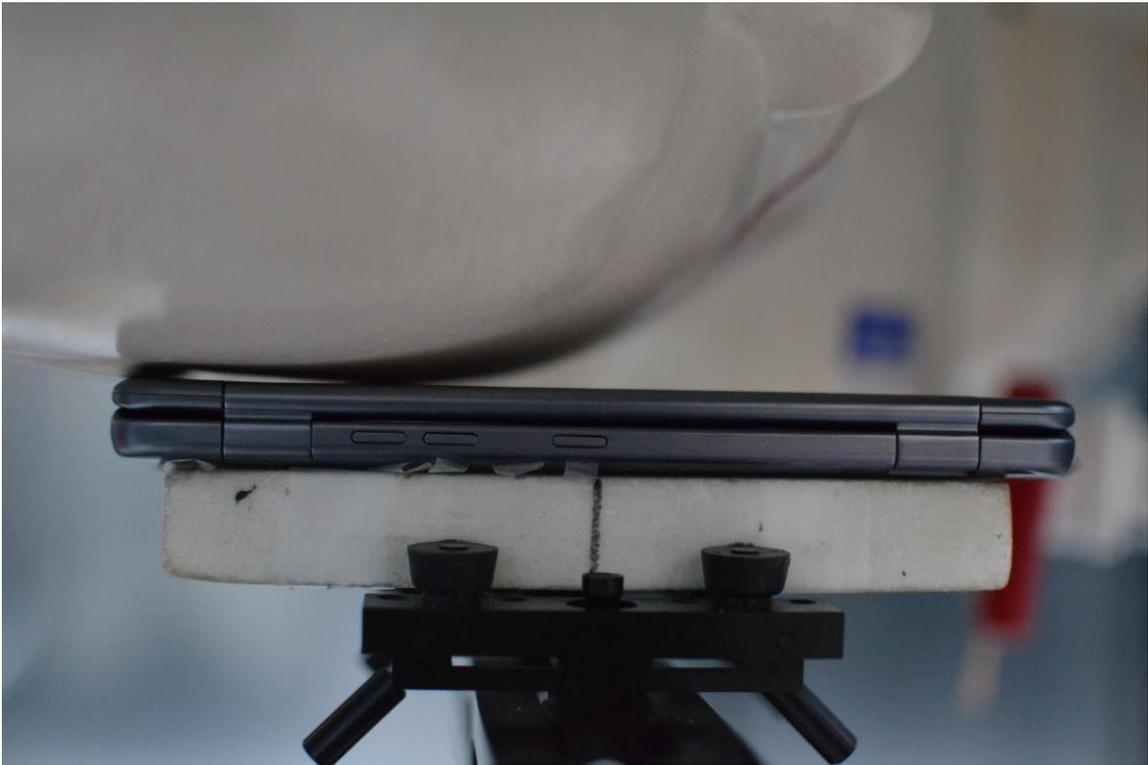


Figure E-2
NFC/Felica Antenna Location

FCC ID: ZNFG900UM	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
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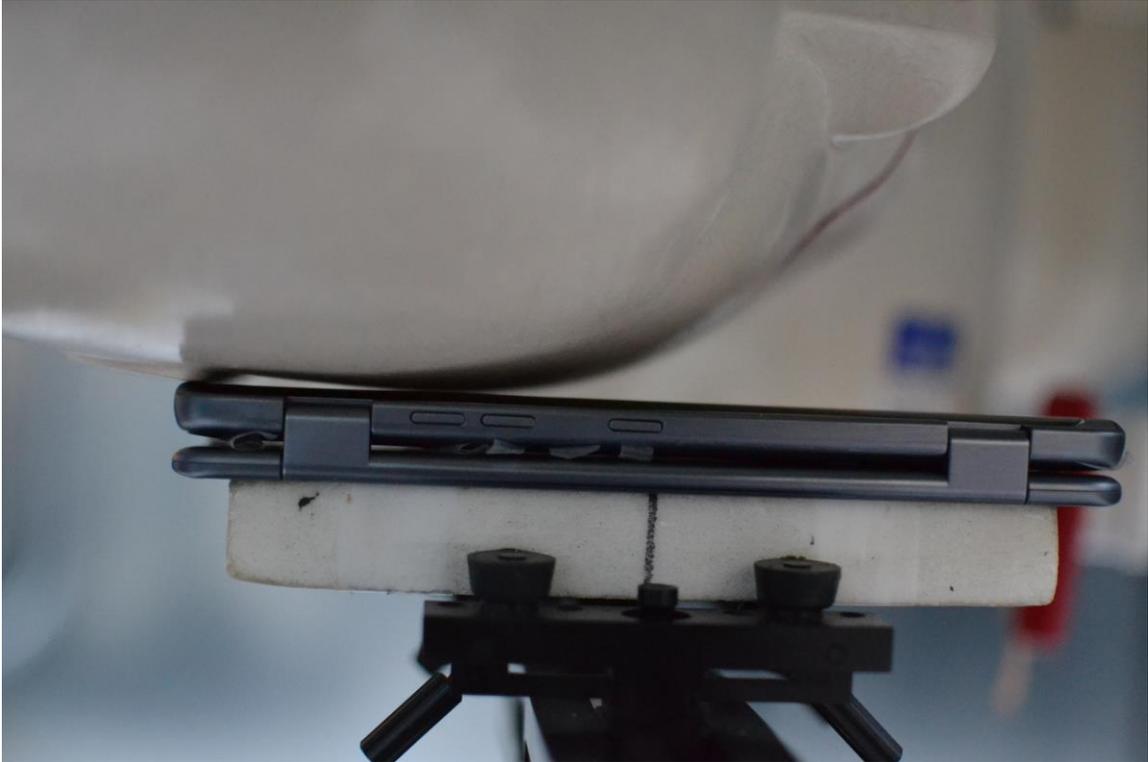


SAR Test Setup Photo 1 – Right Cheek

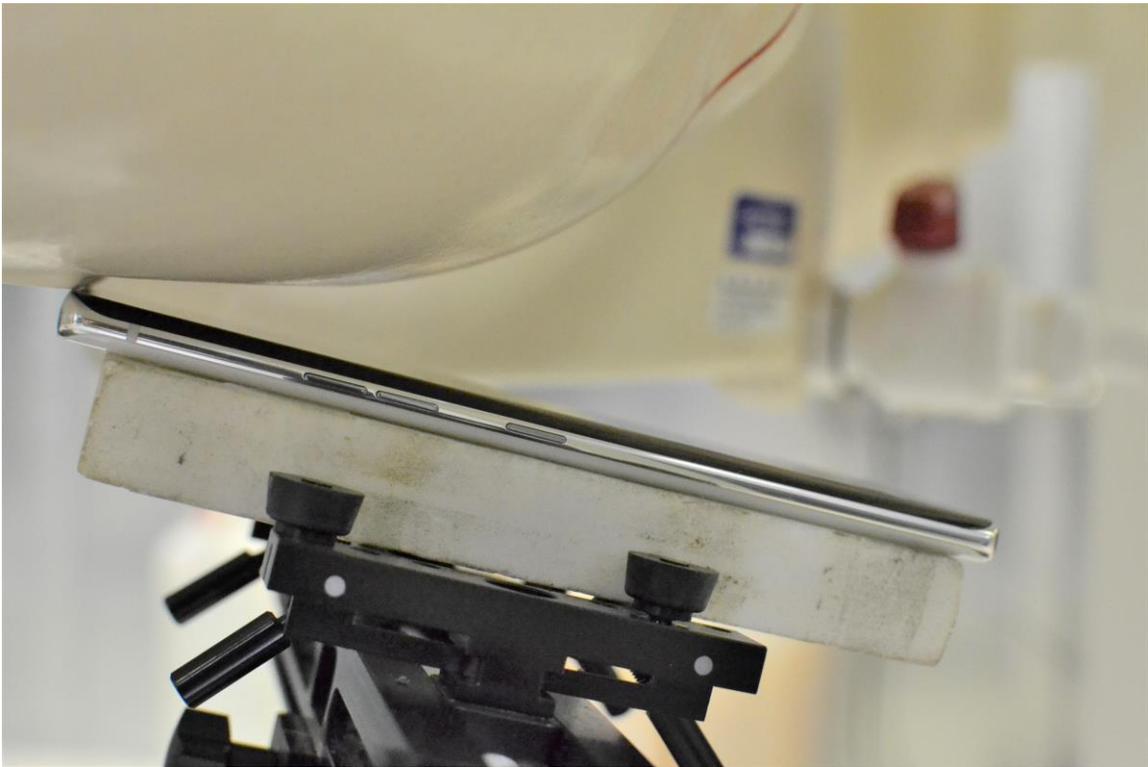


SAR Test Setup Photo 2 – Right Cheek with Dual Display Accessory Position #1

FCC ID: ZNFG900UM	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
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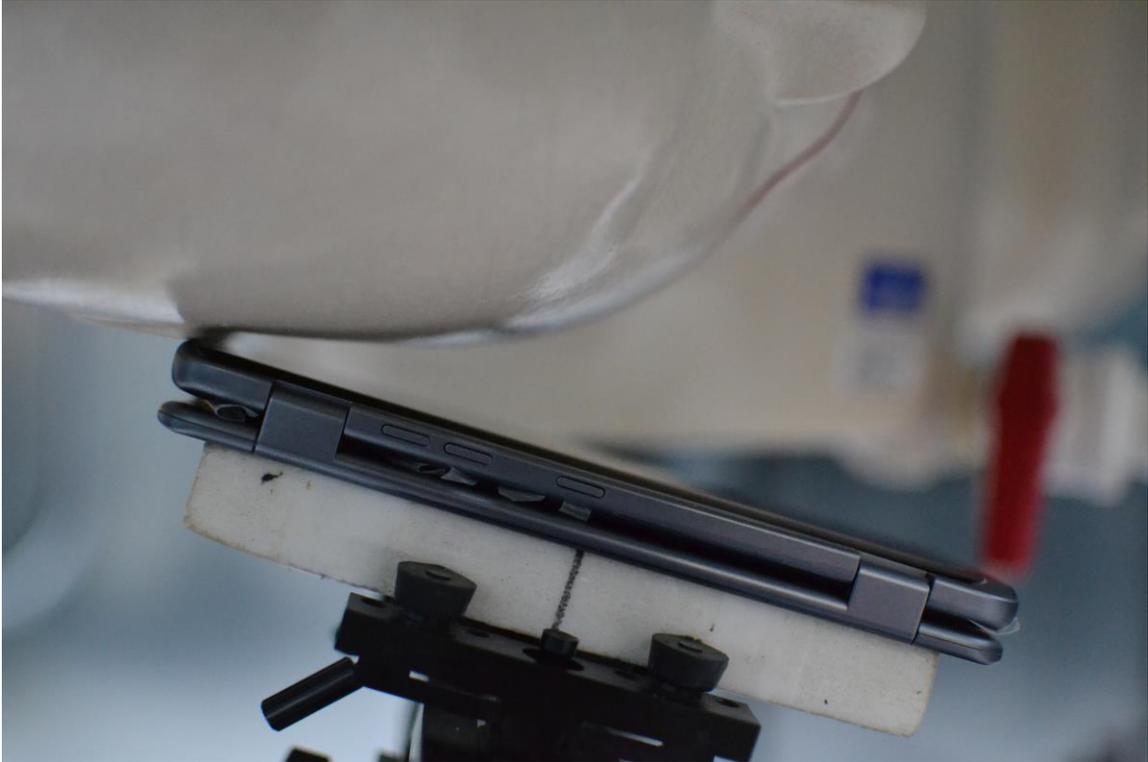


SAR Test Setup Photo 3 – Right Cheek with Dual Display Accessory Position #3

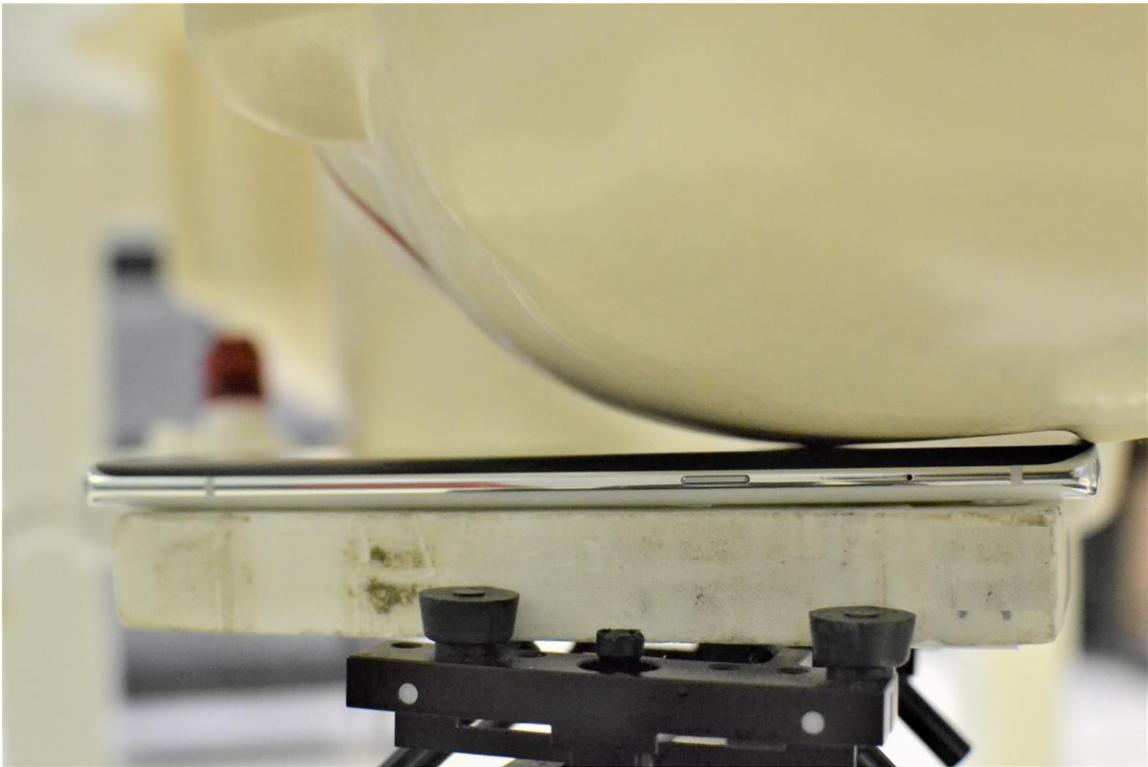


SAR Test Setup Photo 4 – Right Tilt

FCC ID: ZNFG900UM	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 04/27/20 - 06/25/20	DUT Type: Portable Handset	APPENDIX E: Page 5 of 23		



SAR Test Setup Photo 5 – Right Tilt with Dual Display Accessory Position #3

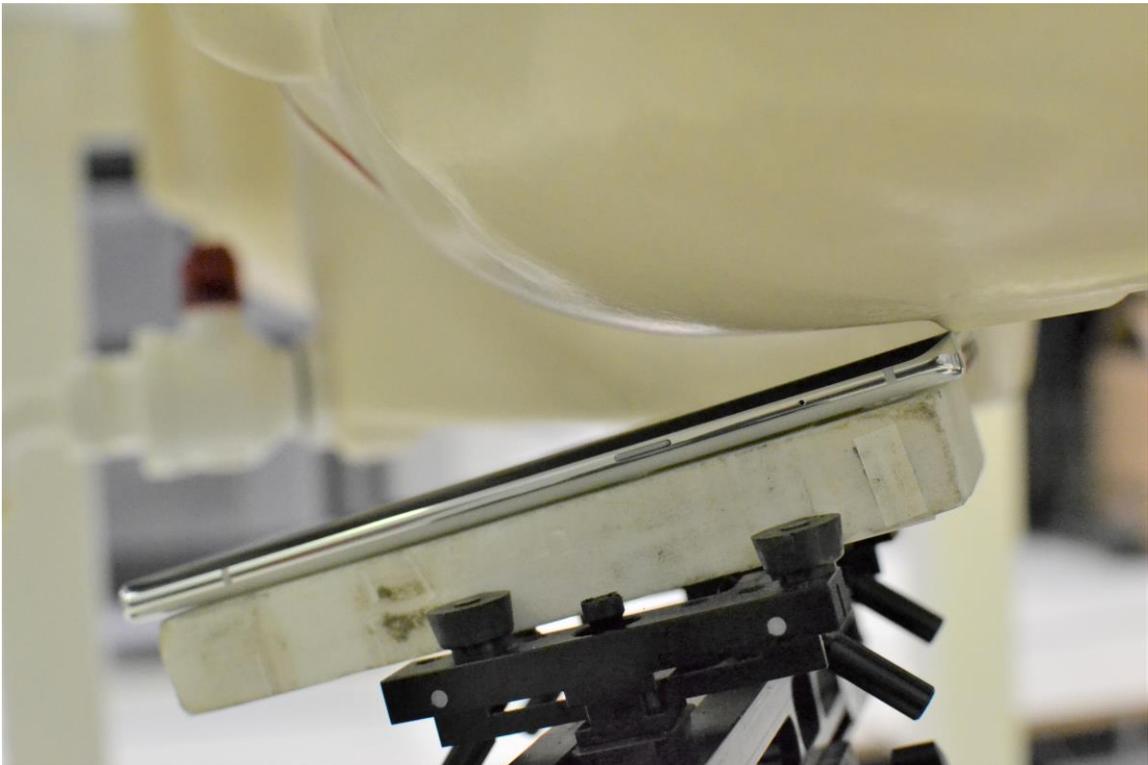


SAR Test Setup Photo 6 – Left Cheek

FCC ID: ZNFG900UM	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 04/27/20 - 06/25/20	DUT Type: Portable Handset			APPENDIX E: Page 6 of 23



SAR Test Setup Photo 7 – Left Cheek with Dual Display Accessory Position #3

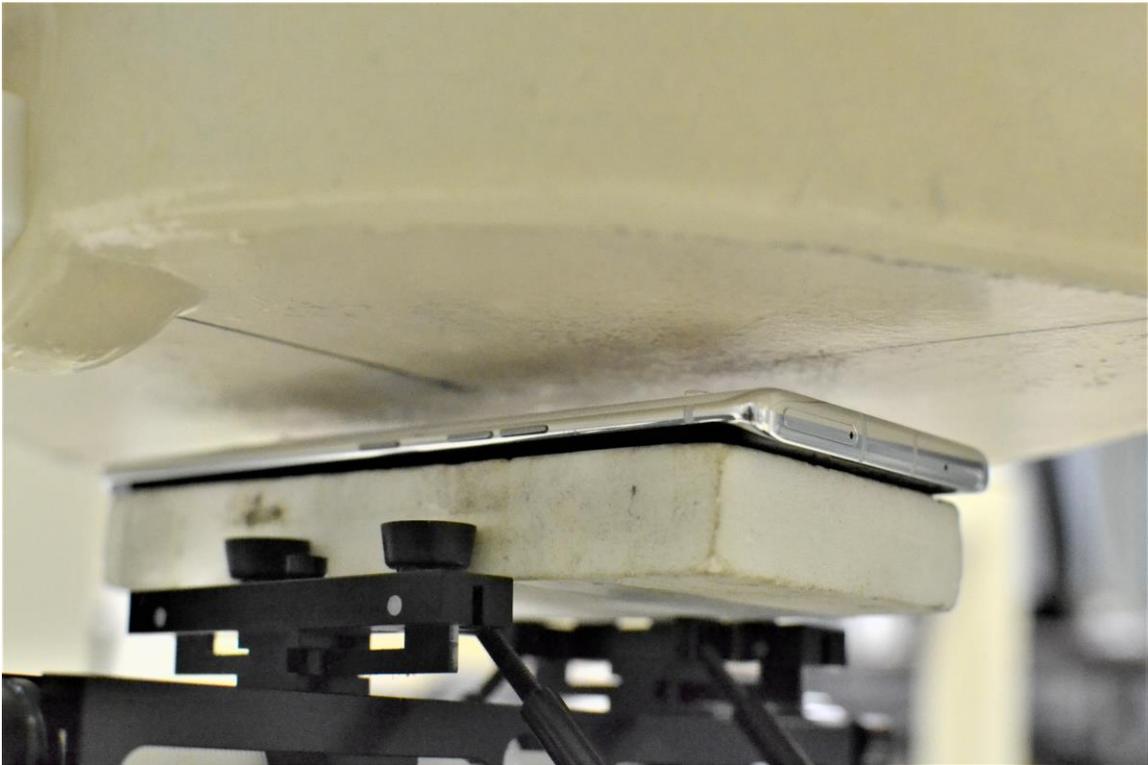


SAR Test Setup Photo 8 – Left Tilt

FCC ID: ZNFG900UM	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 04/27/20 - 06/25/20	DUT Type: Portable Handset			APPENDIX E: Page 7 of 23



SAR Test Setup Photo 9 – Left Tilt with Dual Display Accessory Position #3

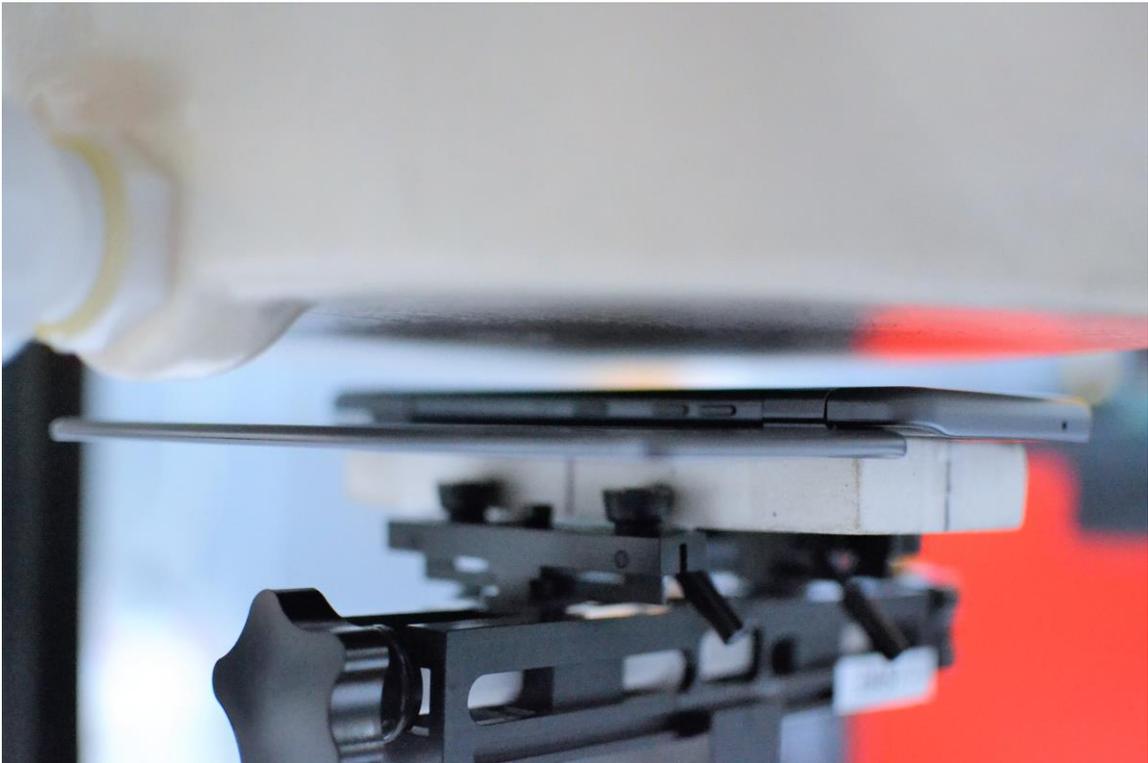


SAR Test Setup Photo 10 – Back Side at 10 mm

FCC ID: ZNFG900UM	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
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SAR Test Setup Photo 11 – Back Side with Dual Display Accessory Position #1 at 10 mm

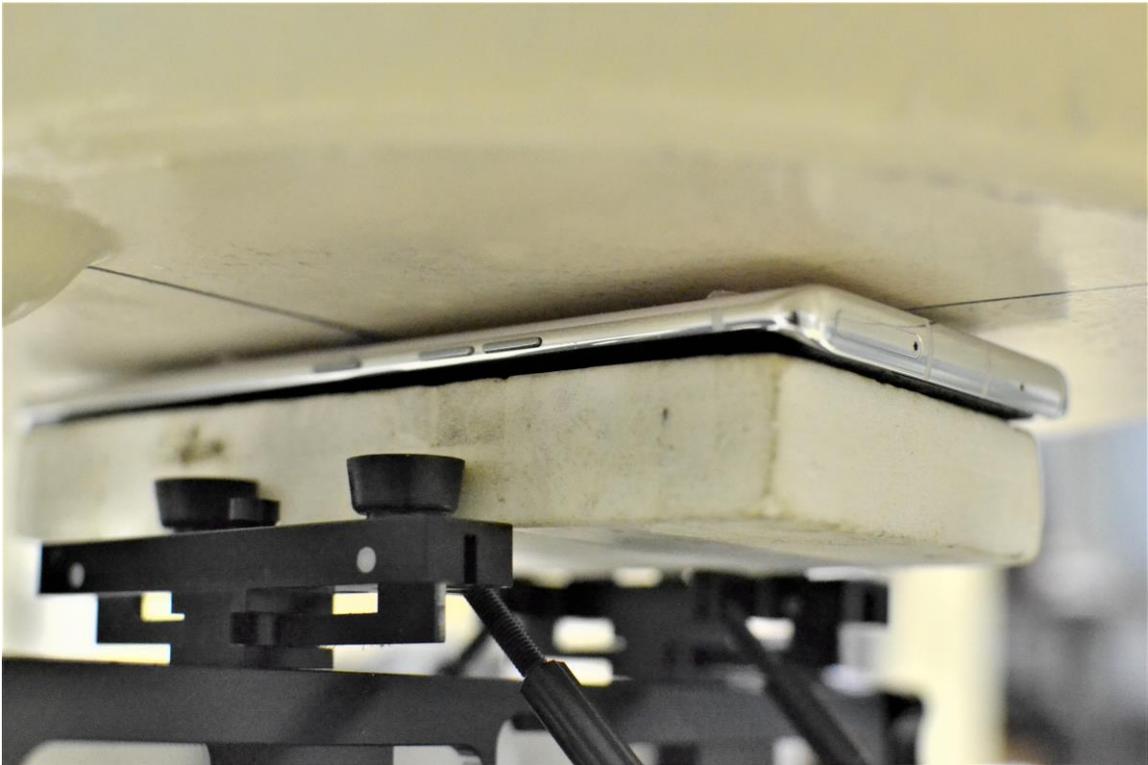


SAR Test Setup Photo 12 – Back Side with Dual Display Accessory Position #2 at 10 mm

FCC ID: ZNFG900UM	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
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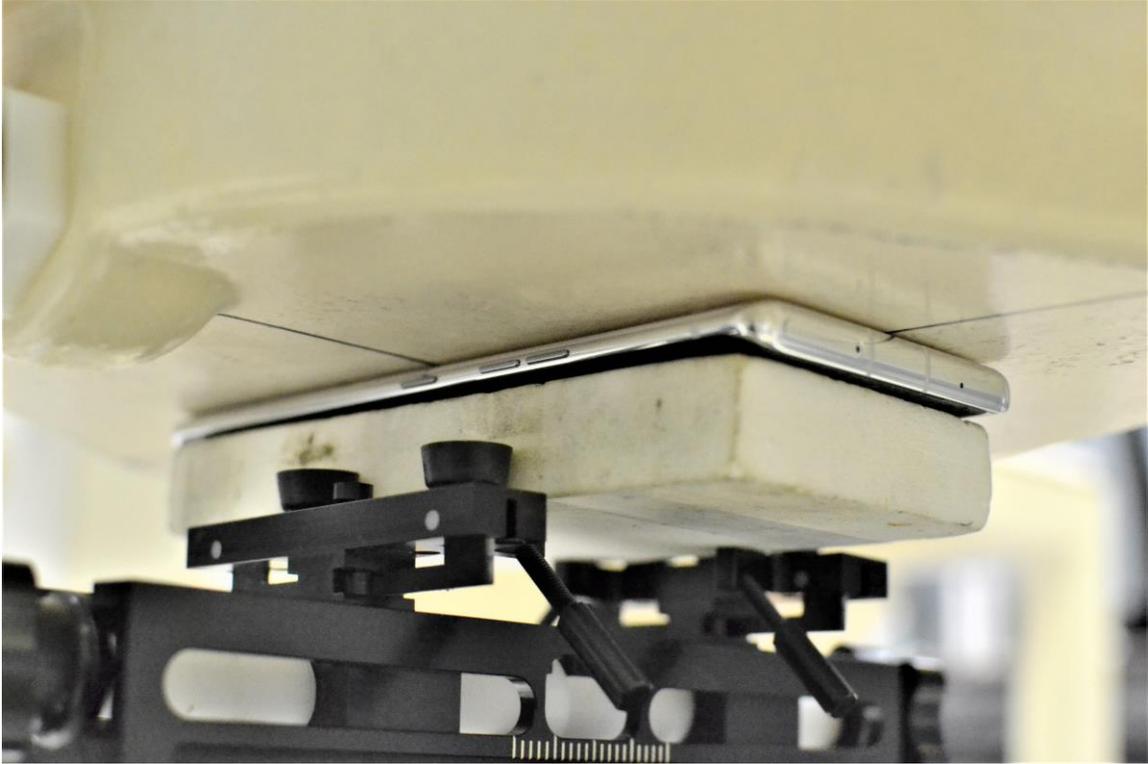


SAR Test Setup Photo 13 – Back Side with Dual Display Accessory Position #3 at 10 mm

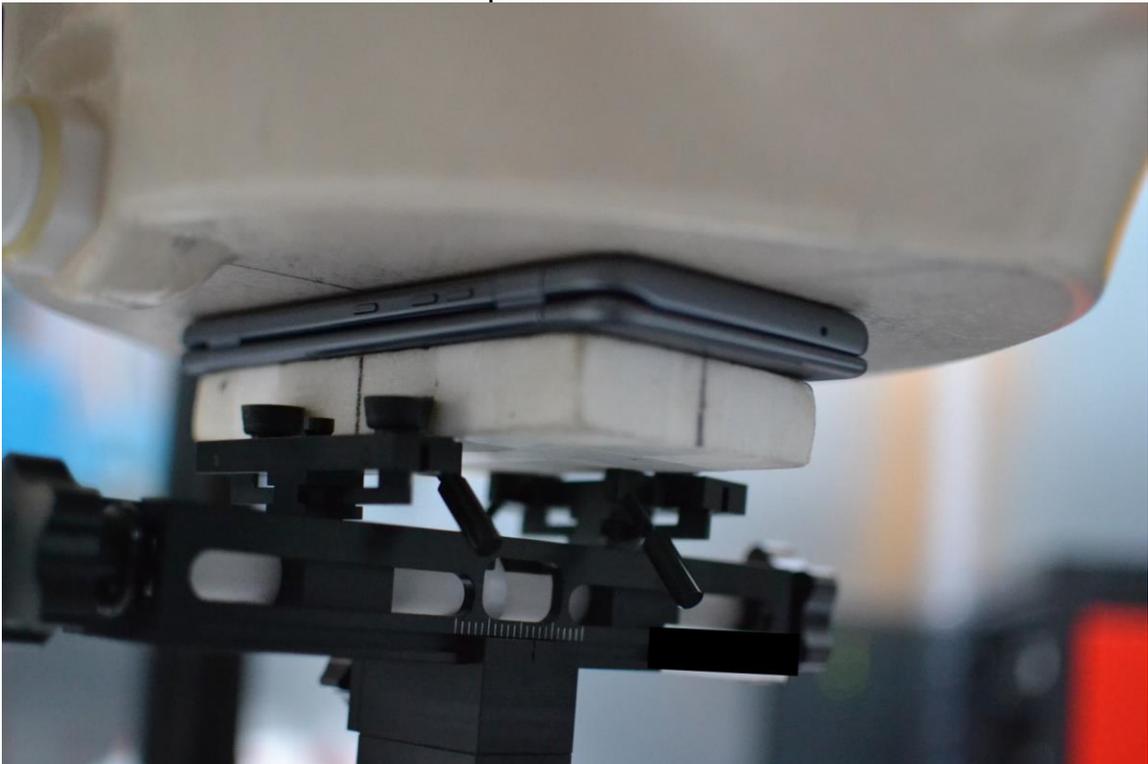


SAR Test Setup Photo 14 – Back Side at 2 mm

FCC ID: ZNFG900UM	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
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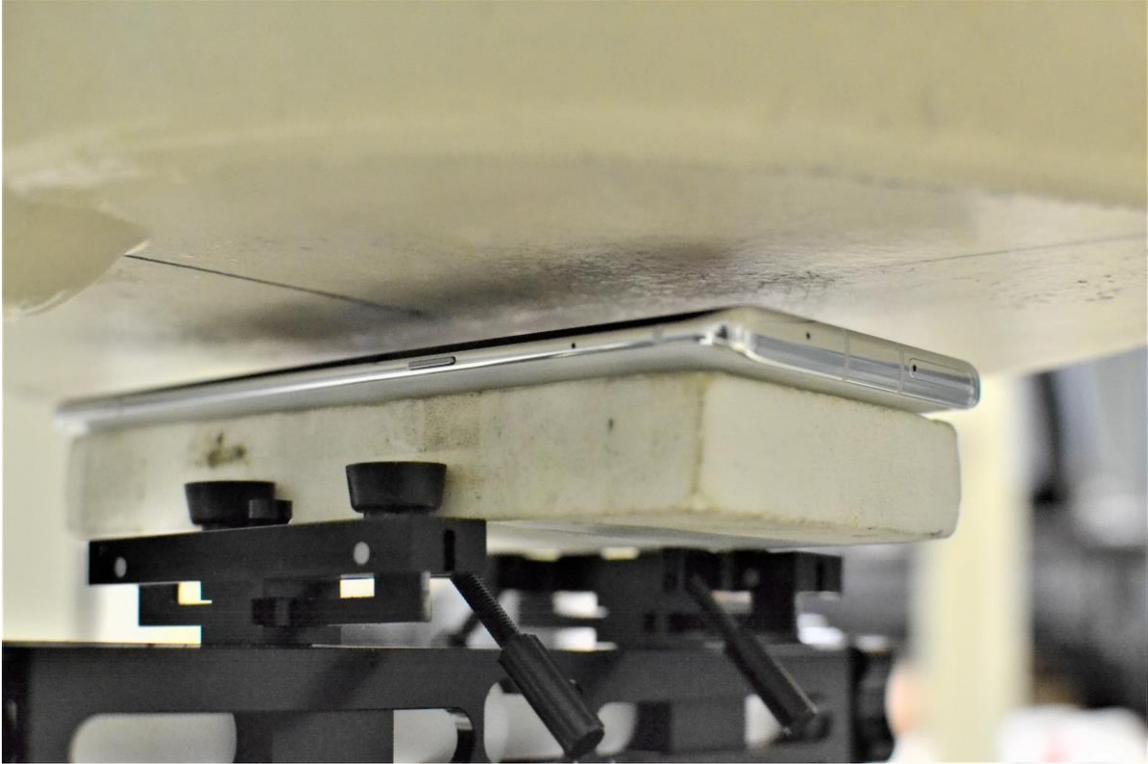


SAR Test Setup Photo 15 – Back Side at 0 mm

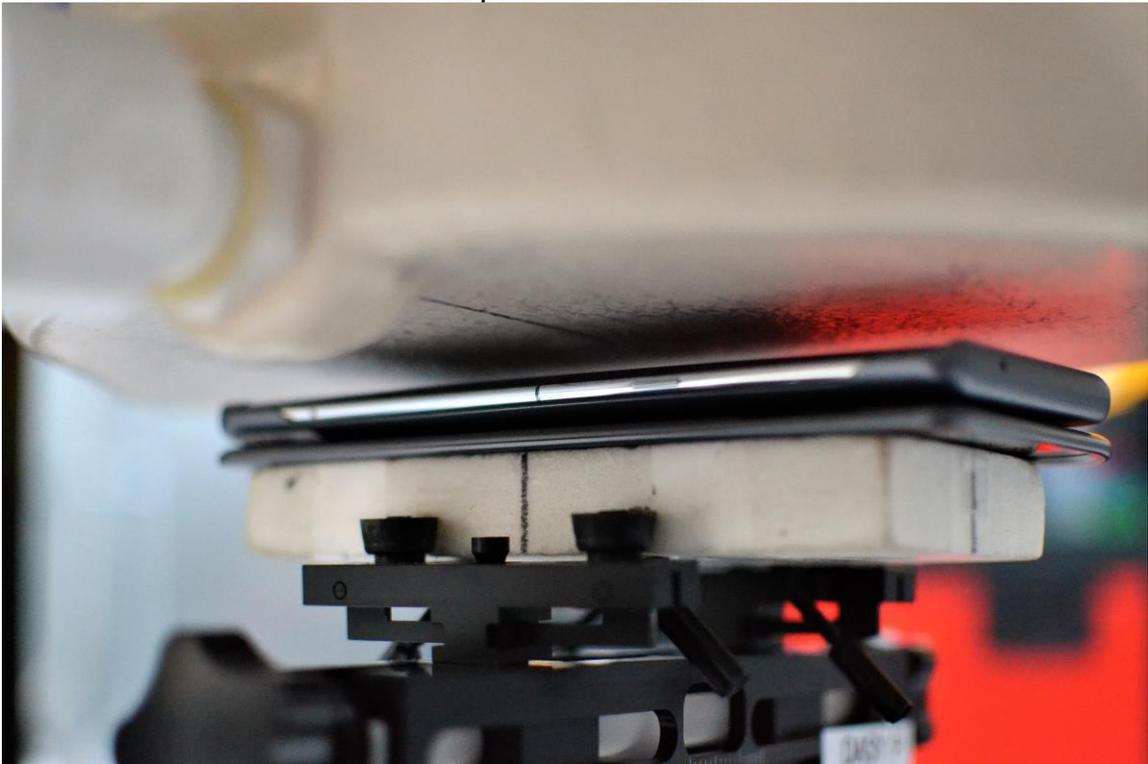


SAR Test Setup Photo 16 – Back Side with Dual Display Accessory Position #1 at 0 mm

FCC ID: ZNFG900UM	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
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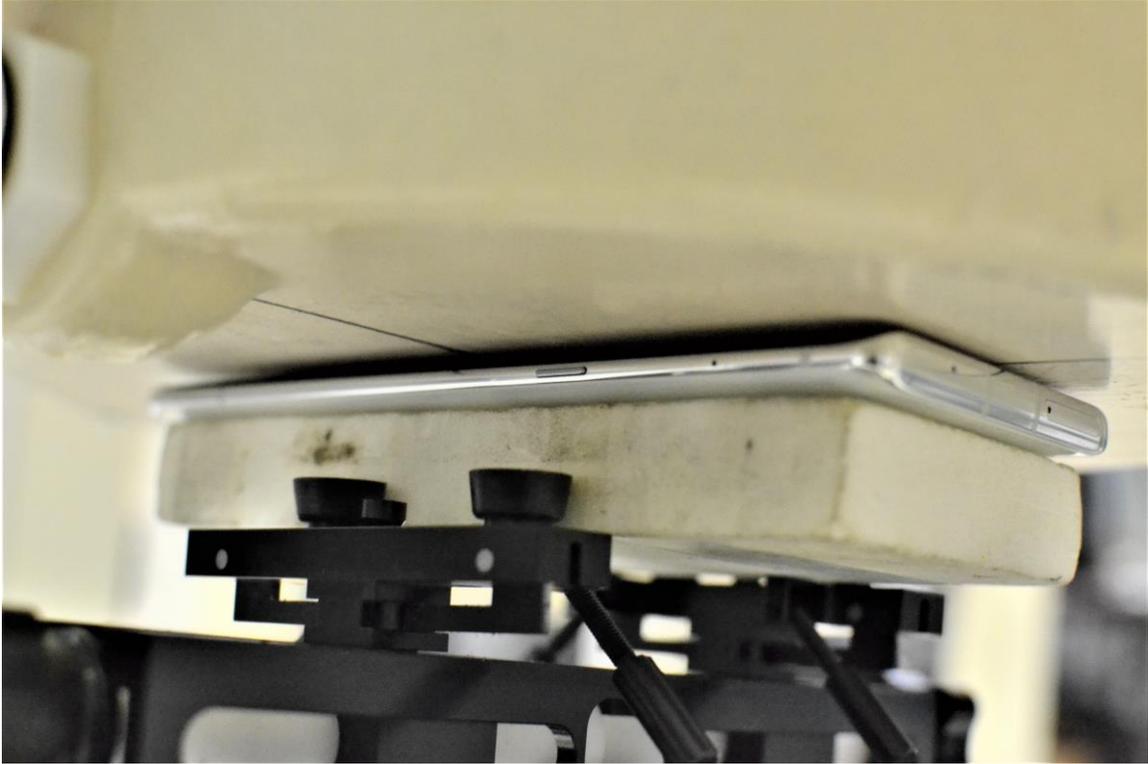


SAR Test Setup Photo 17 – Front Side at 10 mm



SAR Test Setup Photo 18 – Front Side with Dual Display Accessory Position #3 at 10 mm

FCC ID: ZNFG900UM	 PCTEST <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
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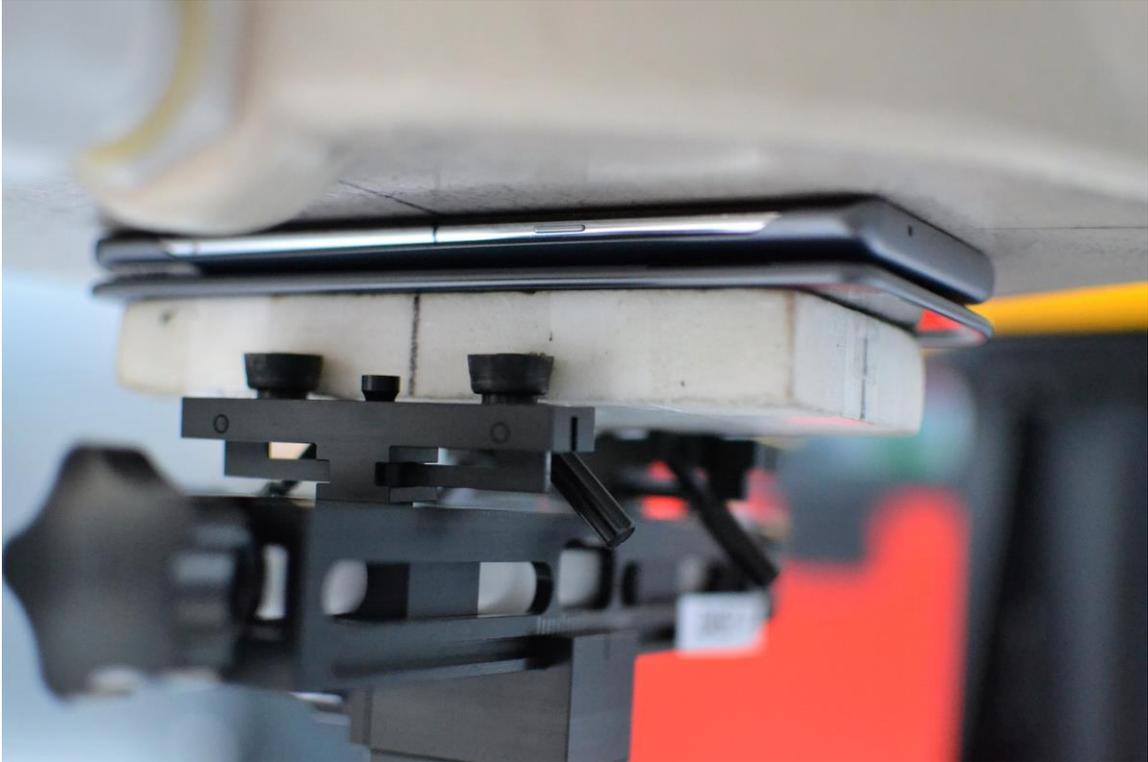


SAR Test Setup Photo 19 – Front Side at 1 mm

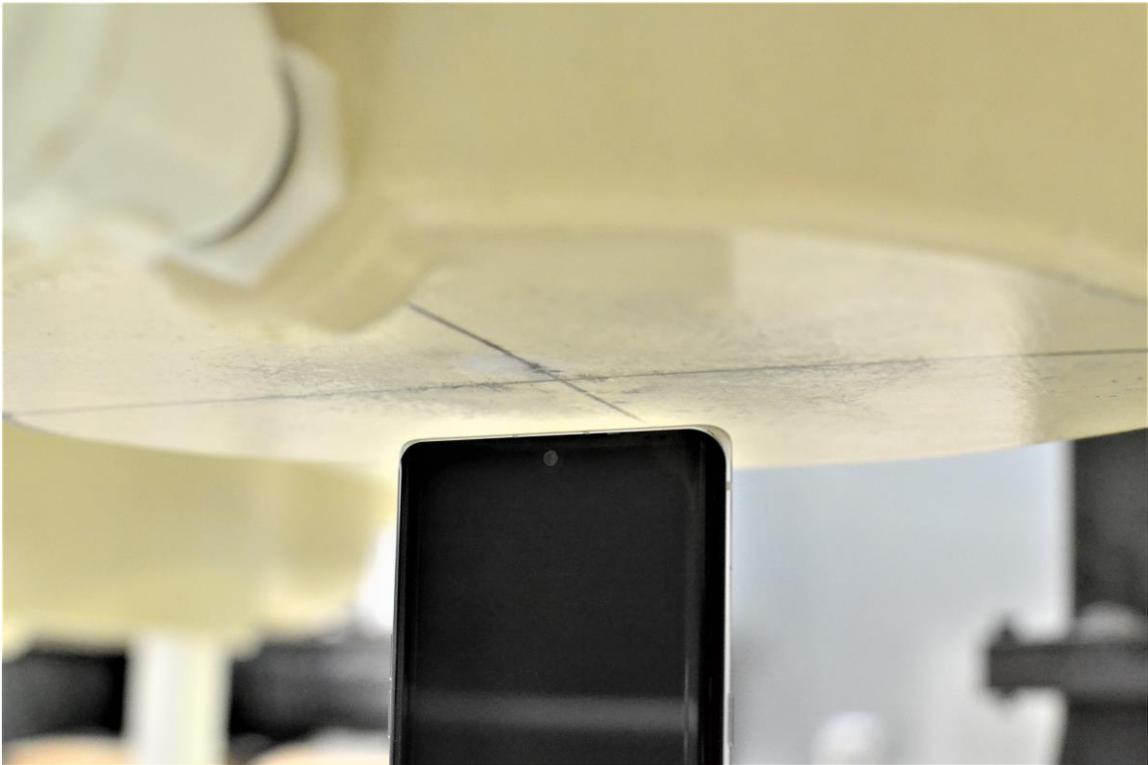


SAR Test Setup Photo 20 – Front Side at 0 mm

FCC ID: ZNFG900UM	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 04/27/20 - 06/25/20	DUT Type: Portable Handset			APPENDIX E: Page 13 of 23



SAR Test Setup Photo 21 – Front Side with Dual Display Accessory Position #3 at 0 mm

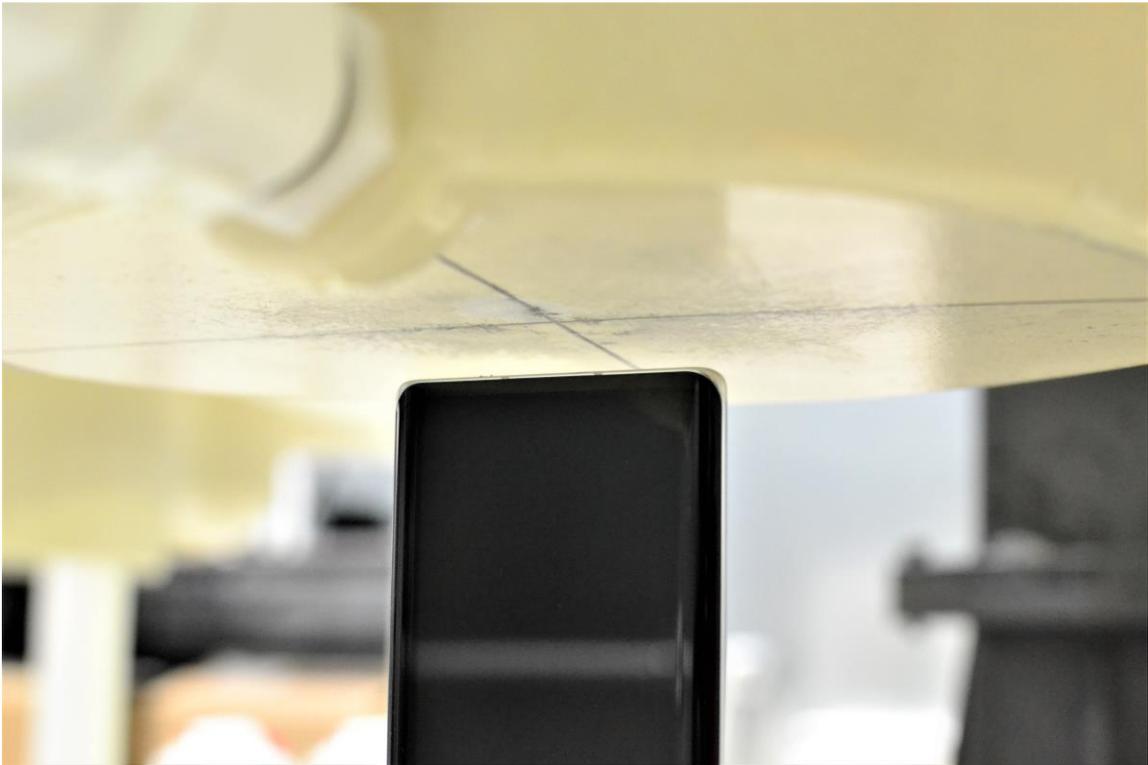


SAR Test Setup Photo 22 – Top Edge at 10 mm

FCC ID: ZNFG900UM	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 04/27/20 - 06/25/20	DUT Type: Portable Handset			APPENDIX E: Page 14 of 23



SAR Test Setup Photo 23 – Top Edge at 0 mm

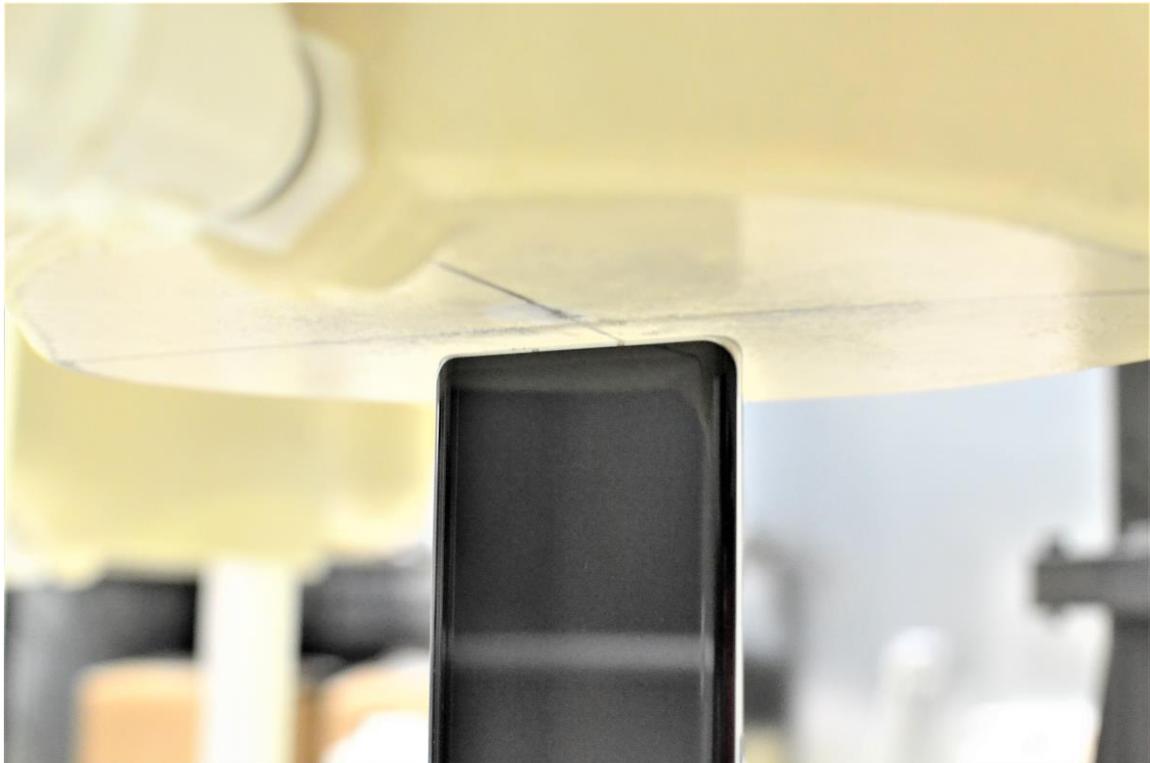


SAR Test Setup Photo 24 – Bottom Edge at 10 mm

FCC ID: ZNFG900UM	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
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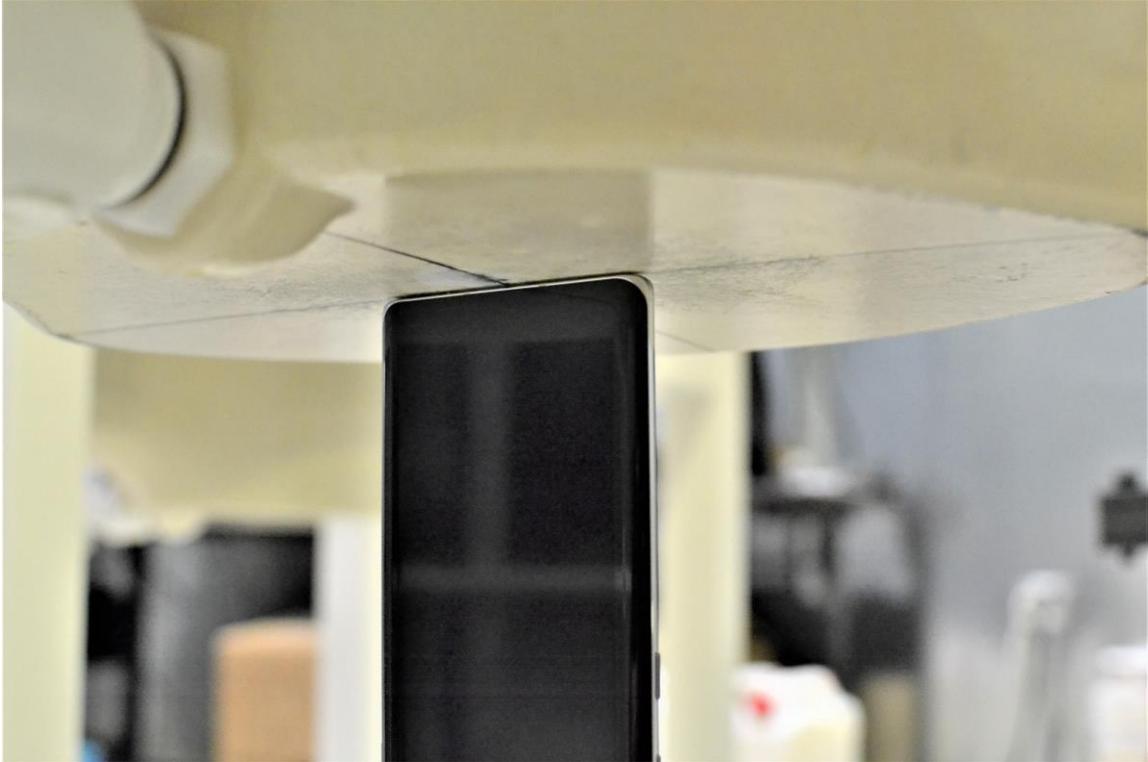


SAR Test Setup Photo 25 – Bottom Edge with Dual Display Accessory Position #1 at 10 mm



SAR Test Setup Photo 26 – Bottom Edge at 4 mm

FCC ID: ZNFG900UM	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
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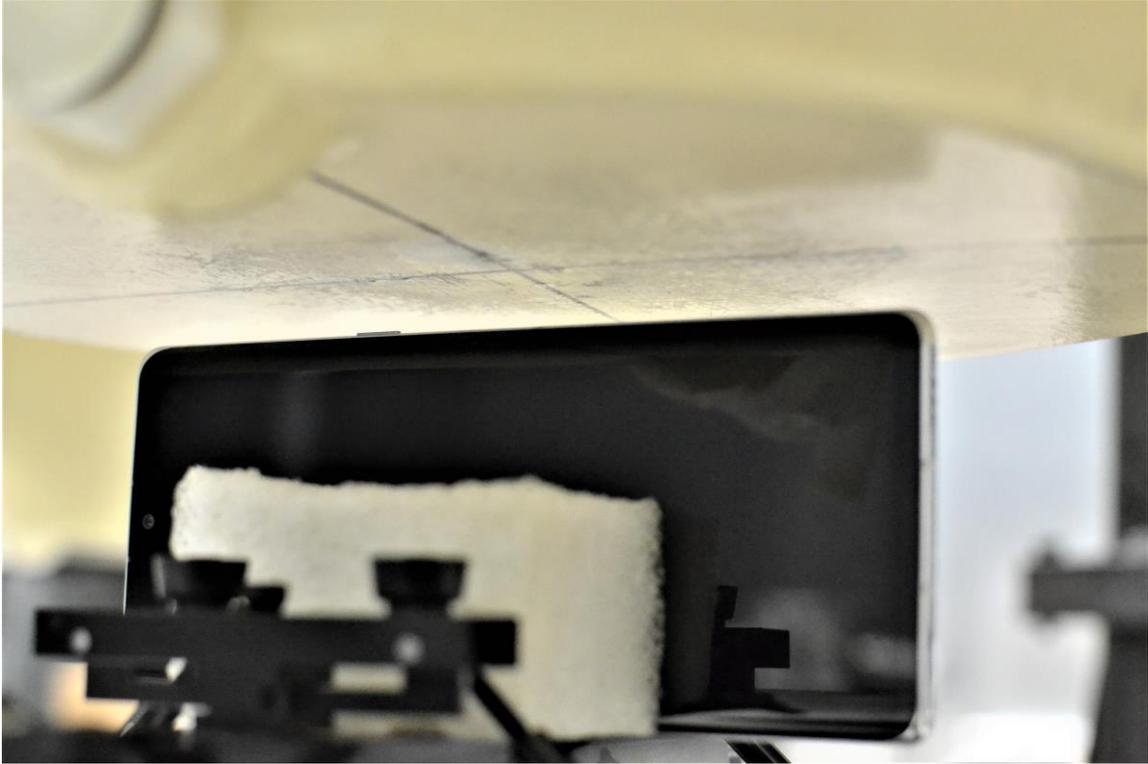


SAR Test Setup Photo 27 – Bottom Edge at 0 mm



SAR Test Setup Photo 28 – Bottom Edge with Dual Display Accessory Position #1 at 0 mm

FCC ID: ZNFG900UM	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
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SAR Test Setup Photo 29 – Right Edge at 10 mm

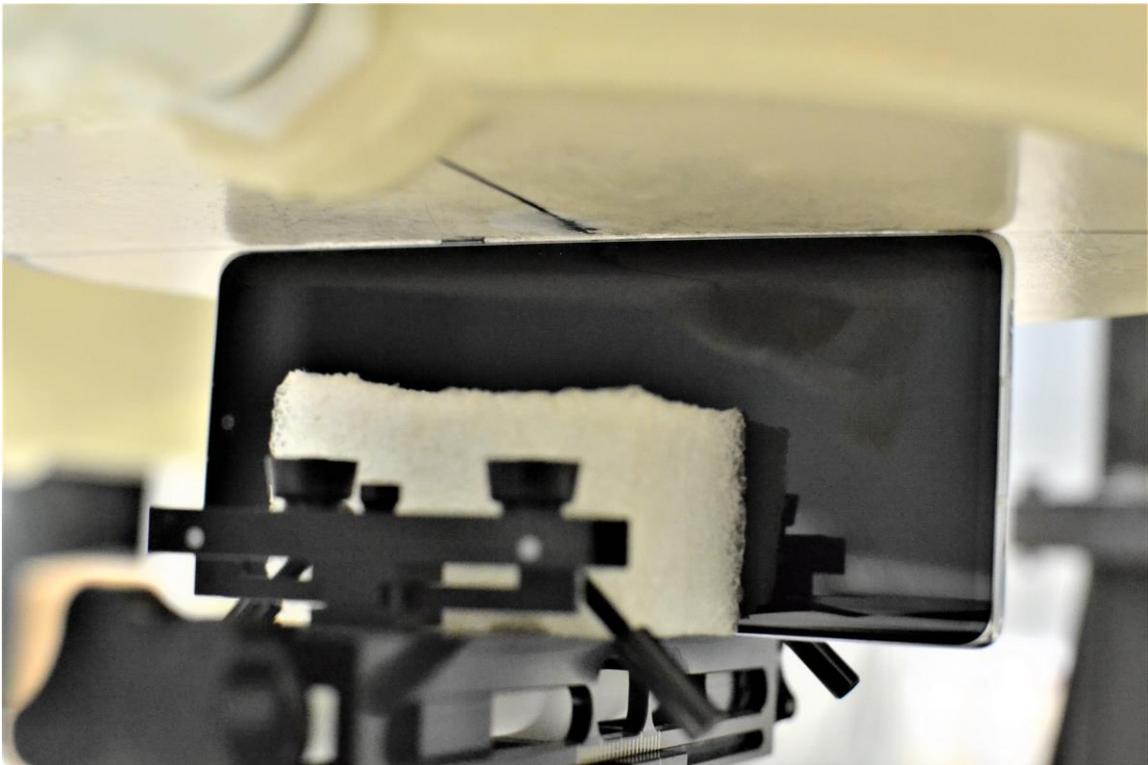


SAR Test Setup Photo 30 – Right Edge with Dual Display Accessory Position #1 at 10 mm

FCC ID: ZNFG900UM	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
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SAR Test Setup Photo 31 – Right Edge with Dual Display Accessory Position #3 at 10 mm



SAR Test Setup Photo 32 – Right Edge at 0 mm

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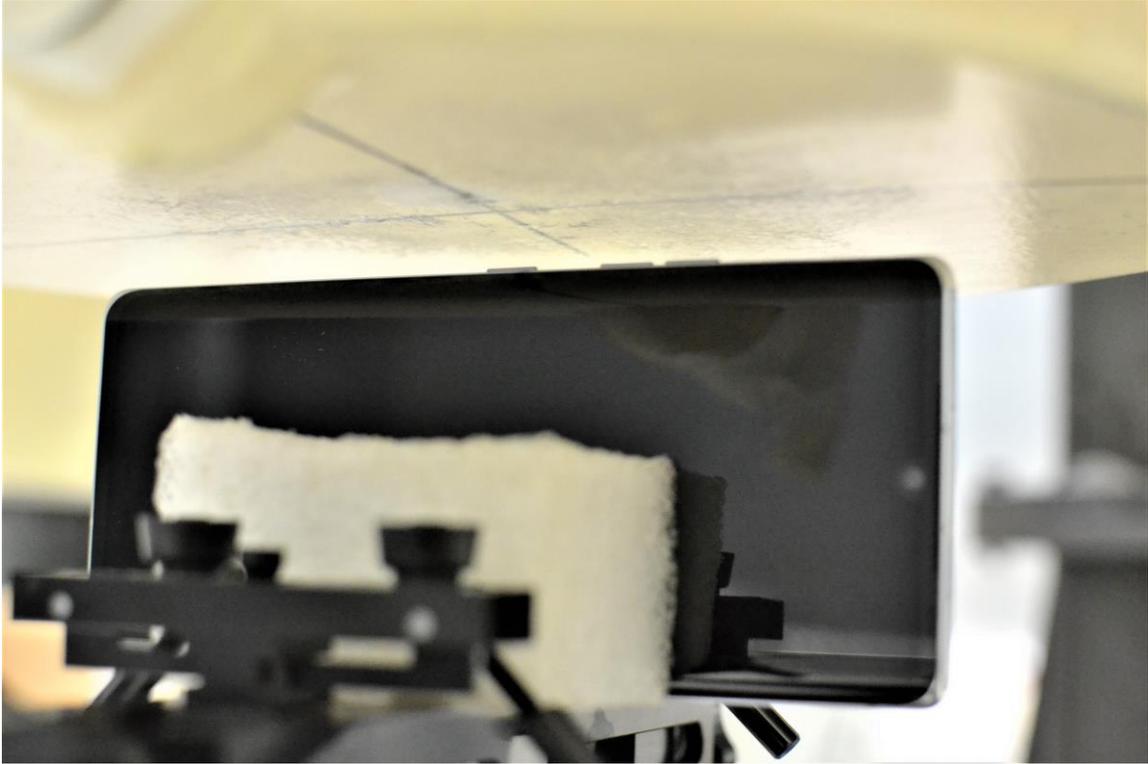


SAR Test Setup Photo 33 – Right Edge with Dual Display Accessory Position #1 at 0 mm

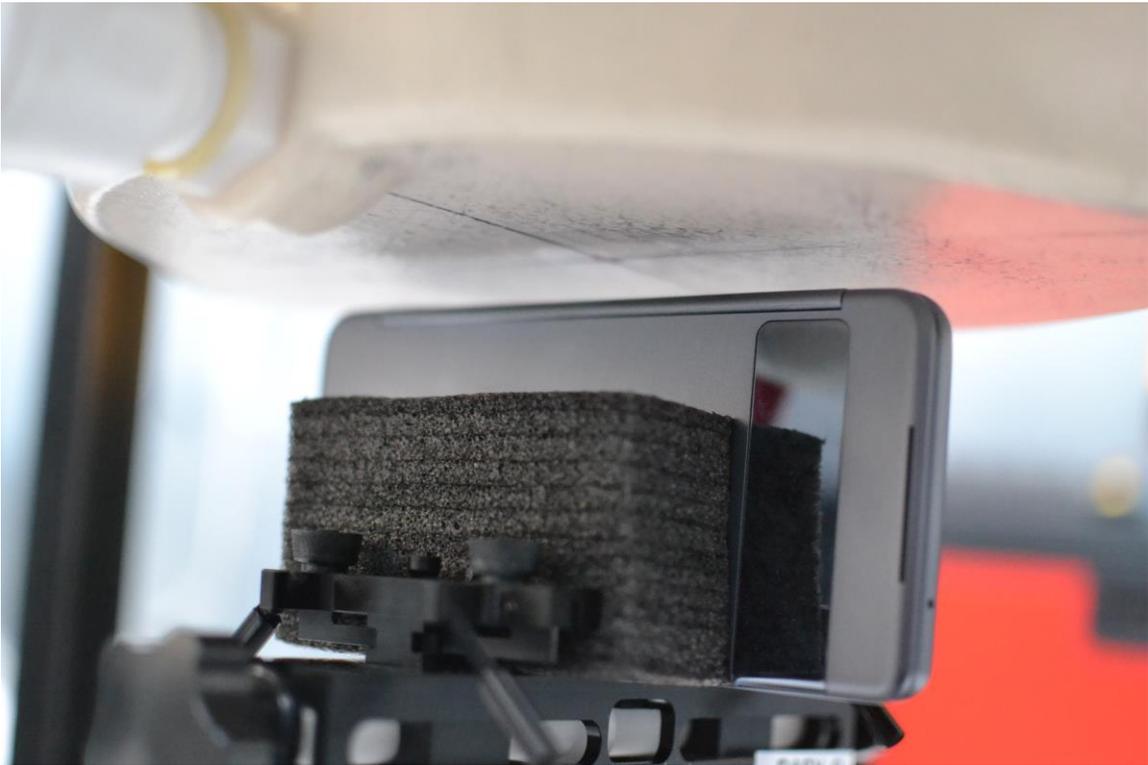


SAR Test Setup Photo 34 – Right Edge with Dual Display Accessory Position #3 at 0 mm

FCC ID: ZNFG900UM	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
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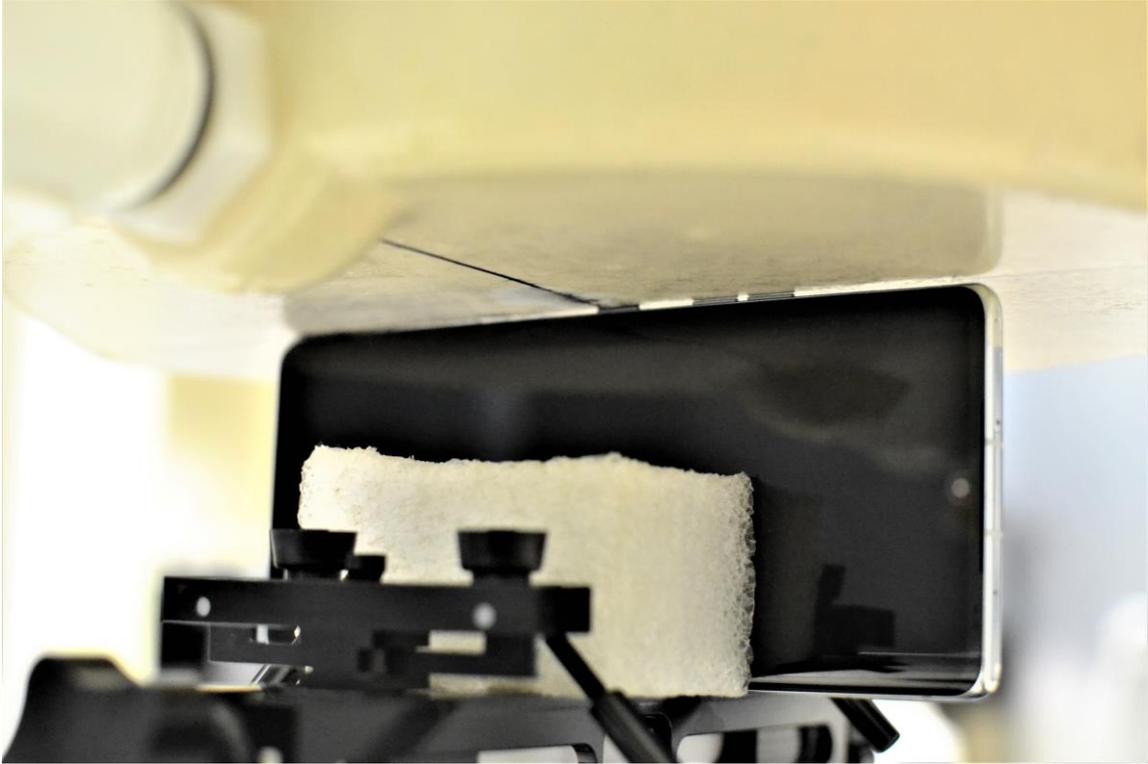


SAR Test Setup Photo 35 – Left Edge at 10 mm



SAR Test Setup Photo 36 – Left Edge with Dual Display Accessory Position #1 at 10 mm

FCC ID: ZNFG900UM	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
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SAR Test Setup Photo 37 – Left Edge at 0 mm



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

FCC ID: ZNFG900UM	 <small>Proud to be part of element</small>	SAR EVALUATION REPORT		Approved by: Quality Manager
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Horizontal Reference Line



Vertical Reference Line

SAR Test Setup Photo 39: Horizontal and Vertical Reference Lines

FCC ID: ZNFG900UM	 Proud to be part of 	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 04/27/20 - 06/25/20	DUT Type: Portable Handset			APPENDIX E: Page 23 of 23