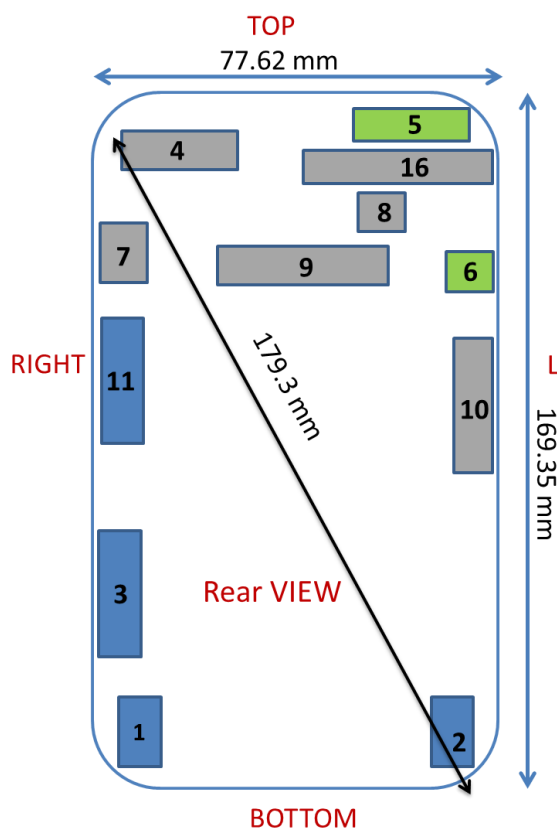


APPENDIX E: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

FCC ID ZNFV600TM	 PCTEST	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 1 of 18

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 71/12/17/13/26/5
 5. NR FR1 n71
 6. LTE Band 29 Rx Only
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 66/4/25/2/30/7/41
 5. NR FR1 n66/n2/n25/n41 Rx only
3. Main Band Antenna III Tx/Rx
 1. LTE Band 66/4/25/2/7/41 Rx only
 2. NR FR1 n66/n2/n25/n41
4. Sub Band Antenna I Rx Only
 1. CDMA/EVDO BC0/BC10
 2. GSM/GPRS/EDGE 850 MHz
 3. UMTS Band V
 4. LTE Band 71/12/17/13/26/5/66/4/25/2/7/41/29
 5. NR FR1 n71/n66/n2/n25/n41
5. Wi-Fi Band Antenna II Tx/Rx
 1. 2.4 GHz Wi-Fi
 2. 5 GHz Wi-Fi
 3. GNSS
 4. LTE Band 46 2nd 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
 4. LTE Band 46 Rx only
7. Sub Band Antenna II Rx Only
 1. CDMA/EVDO BC1
 2. GSM/GPRS/EDGE 1900 MHz
 3. UMTS Band II/IV
 4. LTE Band 66/4/25/2/30/7/41
 5. NR FR1 n66/n2/n25/n41
8. Sub Band Antenna III Rx Only
 1. LTE Band 48
9. Sub Band Antenna IV Rx Only
 1. LTE Band 48
10. Sub Band Antenna V Rx Only
 1. LTE Band 48
11. Main Band Antenna IV Tx/Rx
 1. LTE Band 48
16. Ant 5-1
 1. GPS antenna Rx only

Figure E-1
DUT Antenna Locations

FCC ID ZNFV600TM	 PCTEST	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 2 of 18

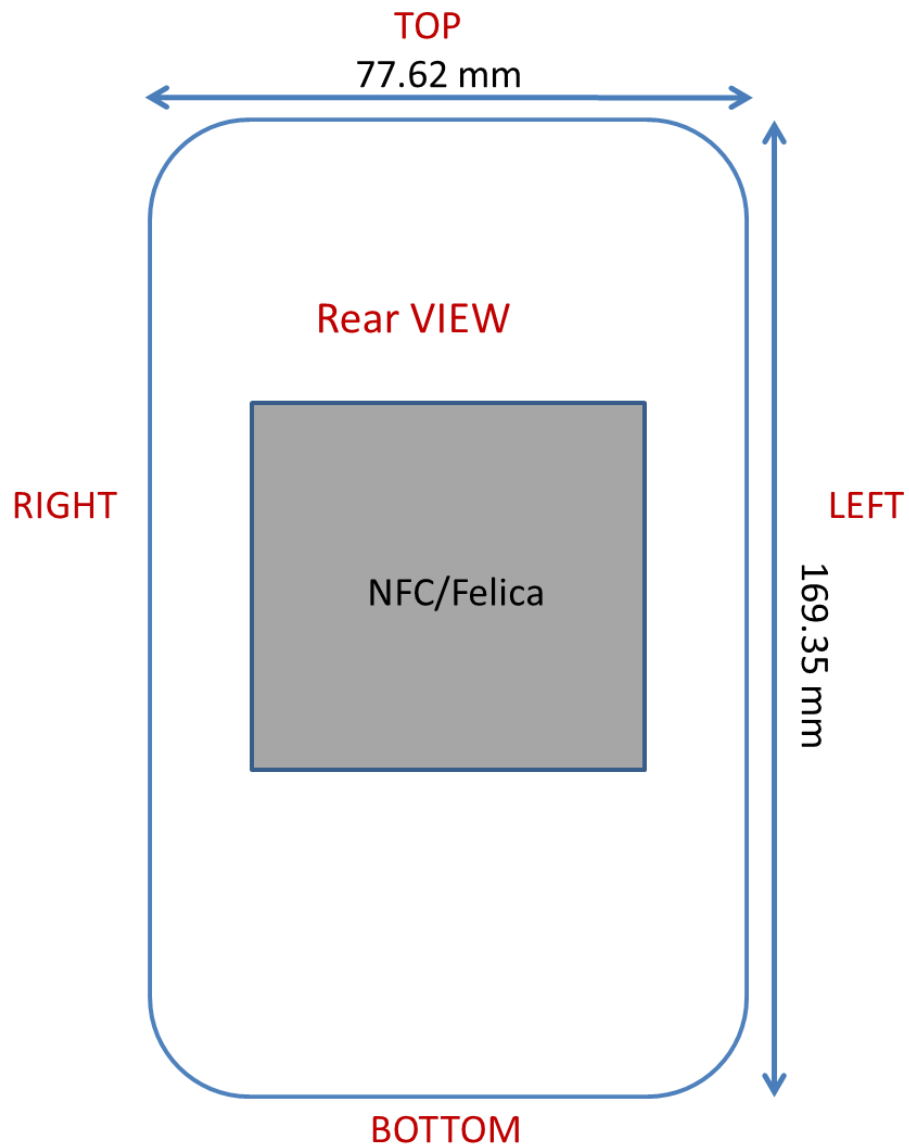
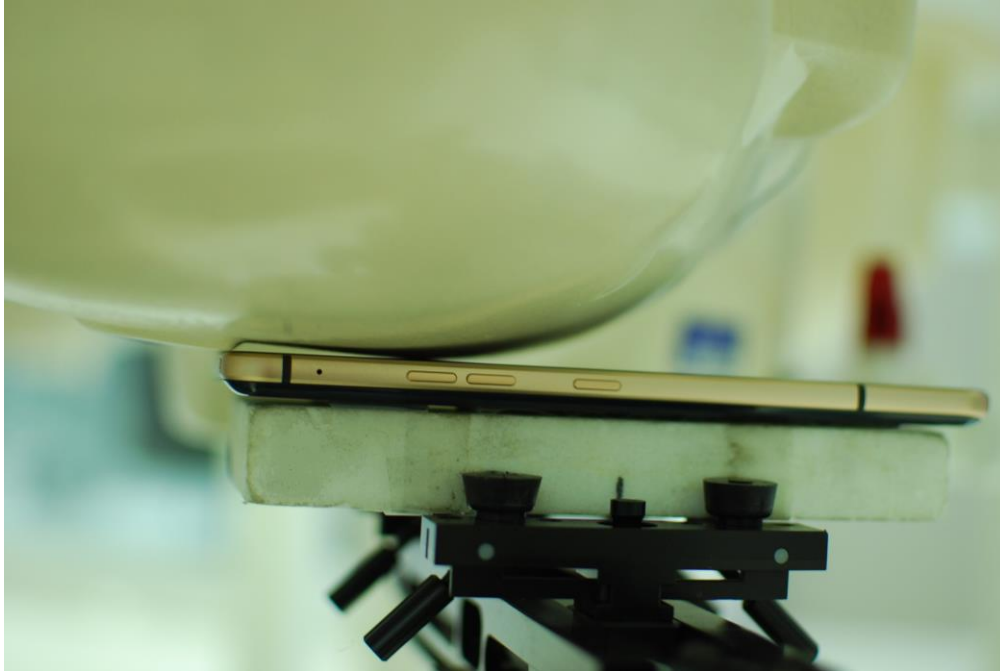
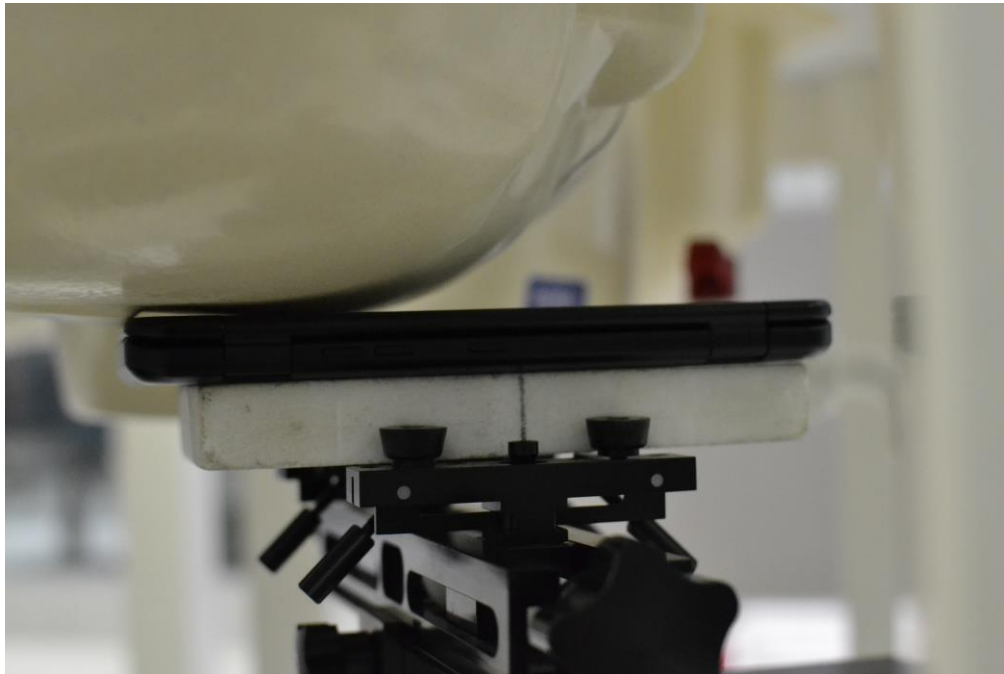


Figure E-2
NFC Antenna Locations

FCC ID ZNFV600TM	 PCTEST	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 3 of 18

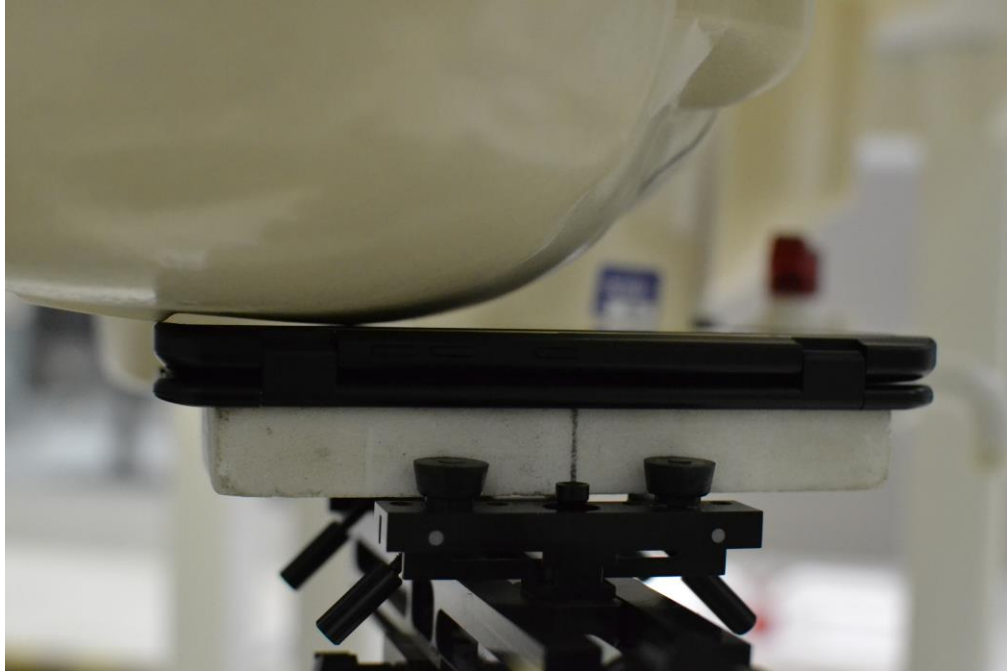


SAR Test Setup Photo 1 – Right Cheek

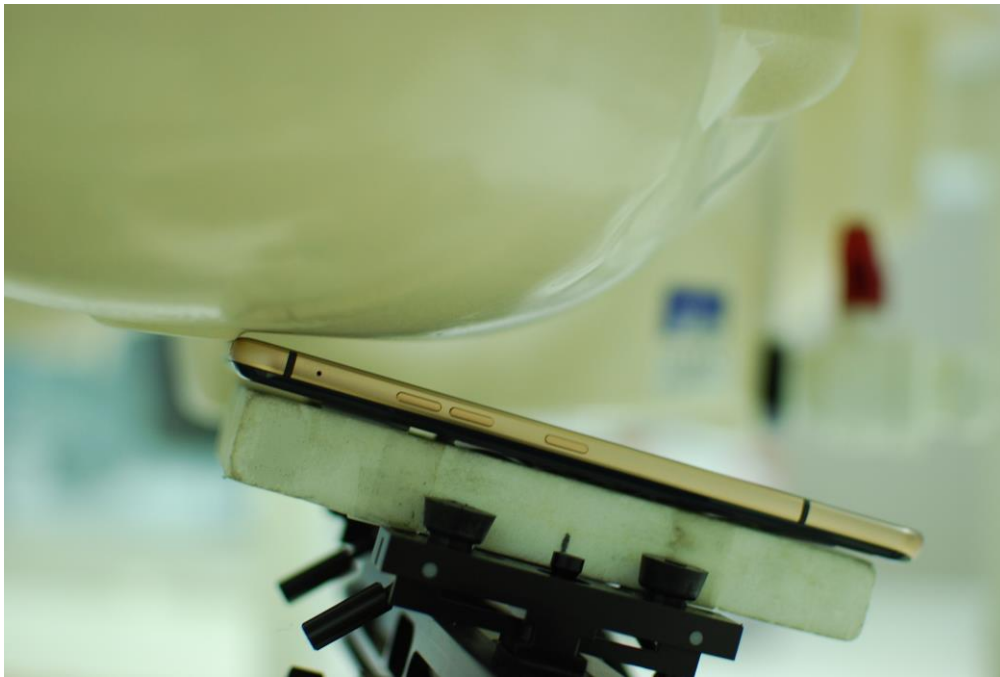


SAR Test Setup Photo 2 – Right Cheek with Dual Display Cover Position 1

FCC ID ZNFV600TM	 PCTEST	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 4 of 18

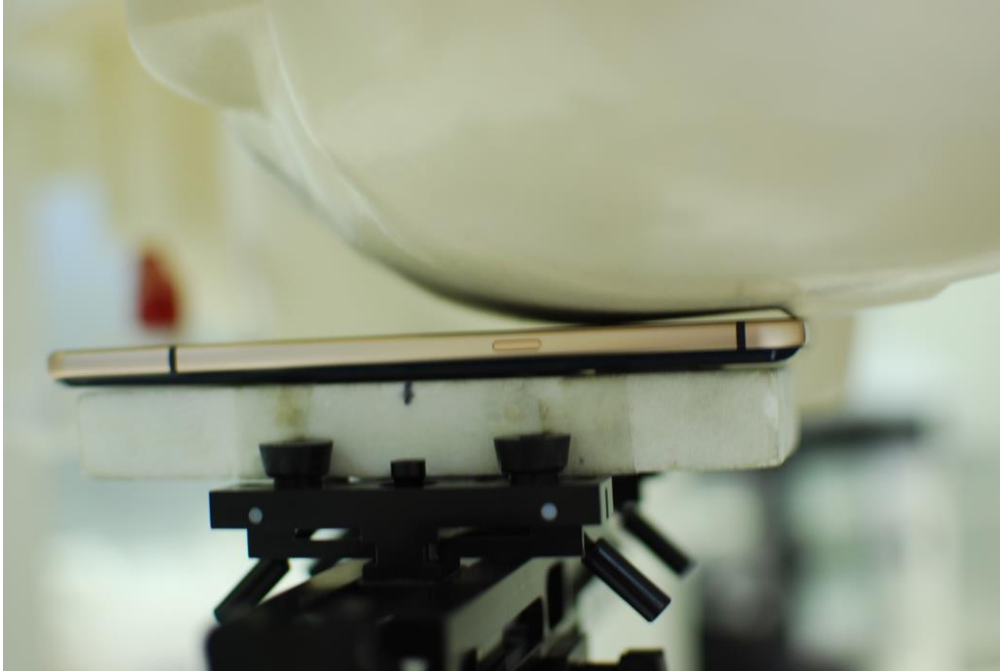


SAR Test Setup Photo 3 – Right Cheek with Dual Display Cover Position 3

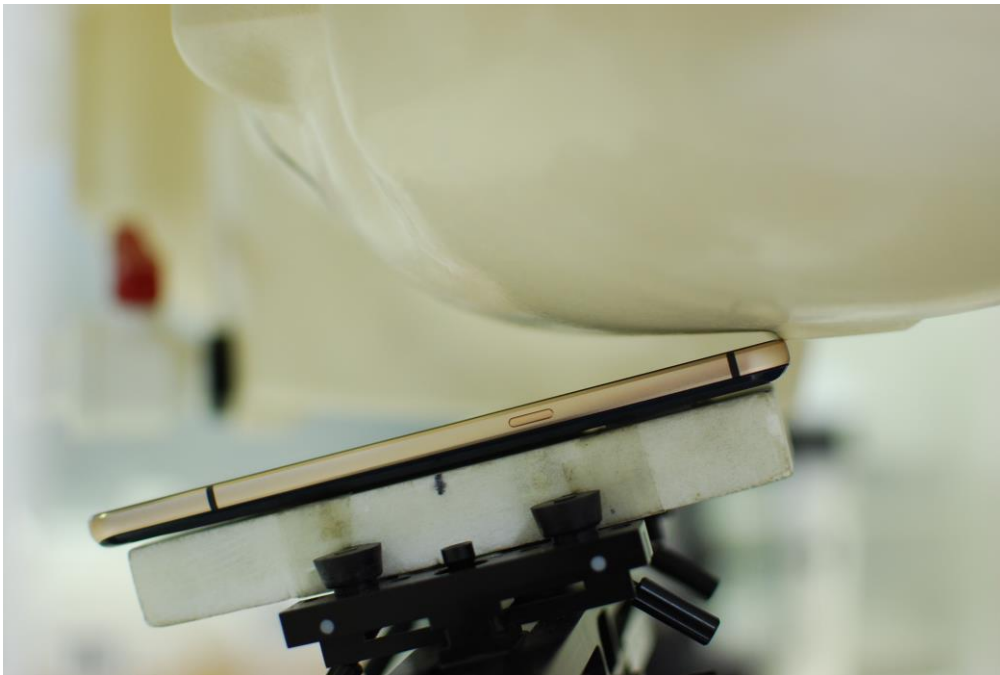


SAR Test Setup Photo 4 – Right Tilt

FCC ID ZNFV600TM	 PCTEST	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 5 of 18

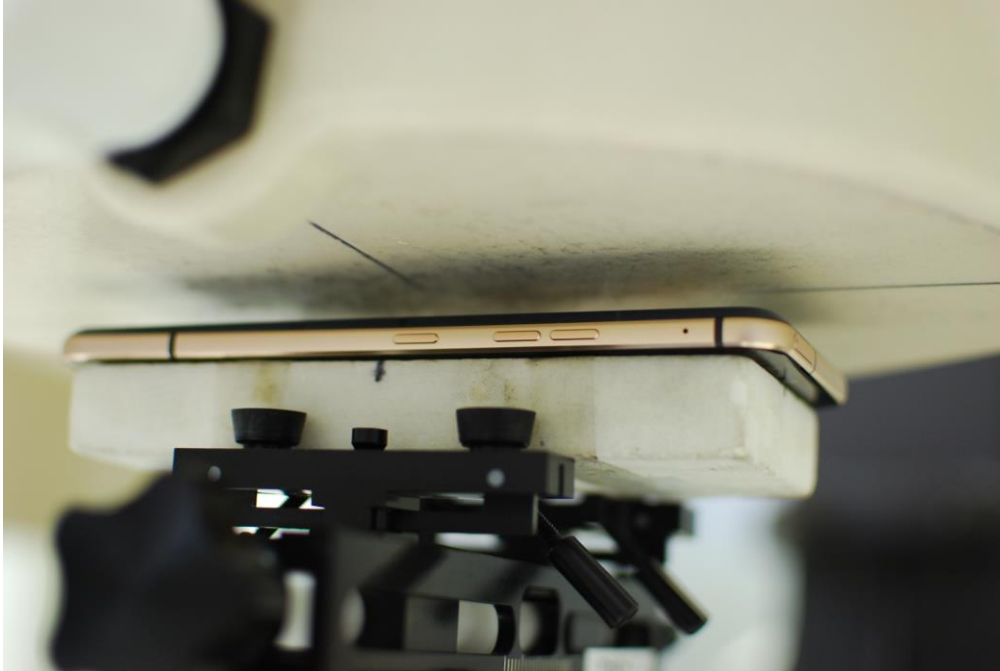


SAR Test Setup Photo 5 – Left Cheek

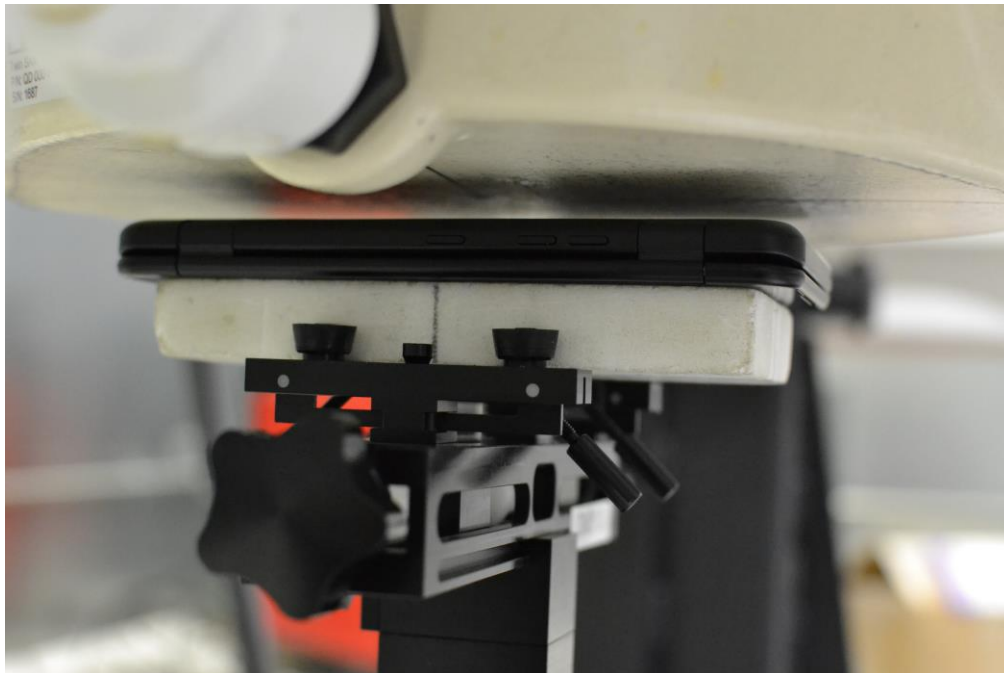


SAR Test Setup Photo 6 – Left Tilt

FCC ID ZNFV600TM	 PCTEST	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 6 of 18

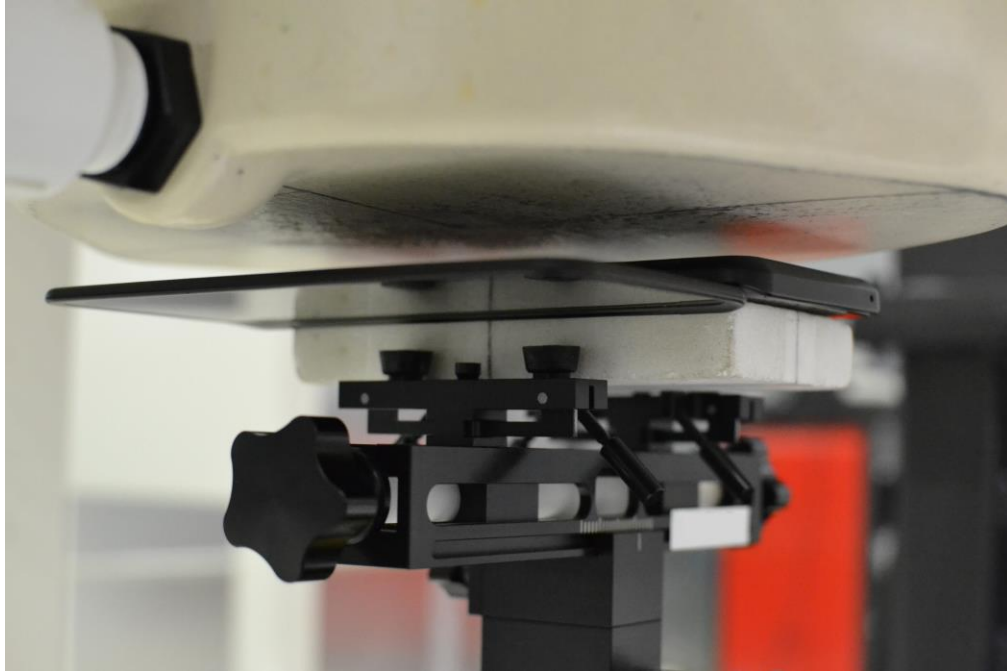


SAR Test Setup Photo 7 – Back Side at 10 mm

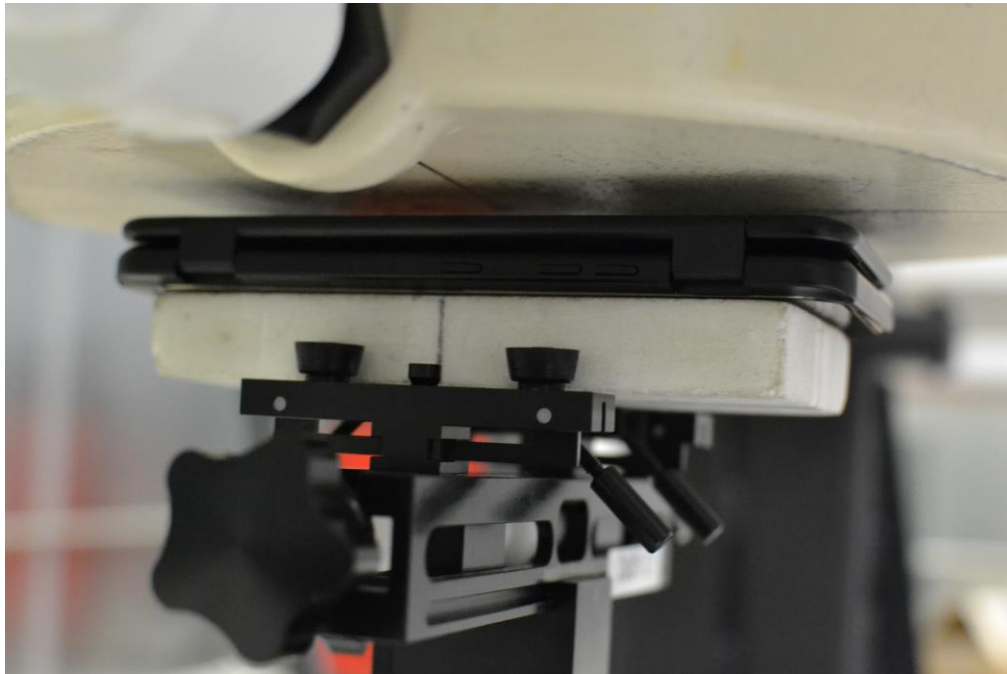


SAR Test Setup Photo 8 – Back Side at 10 mm with Dual Display Cover Position 1

FCC ID ZNFV600TM	 PCTEST	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 7 of 18

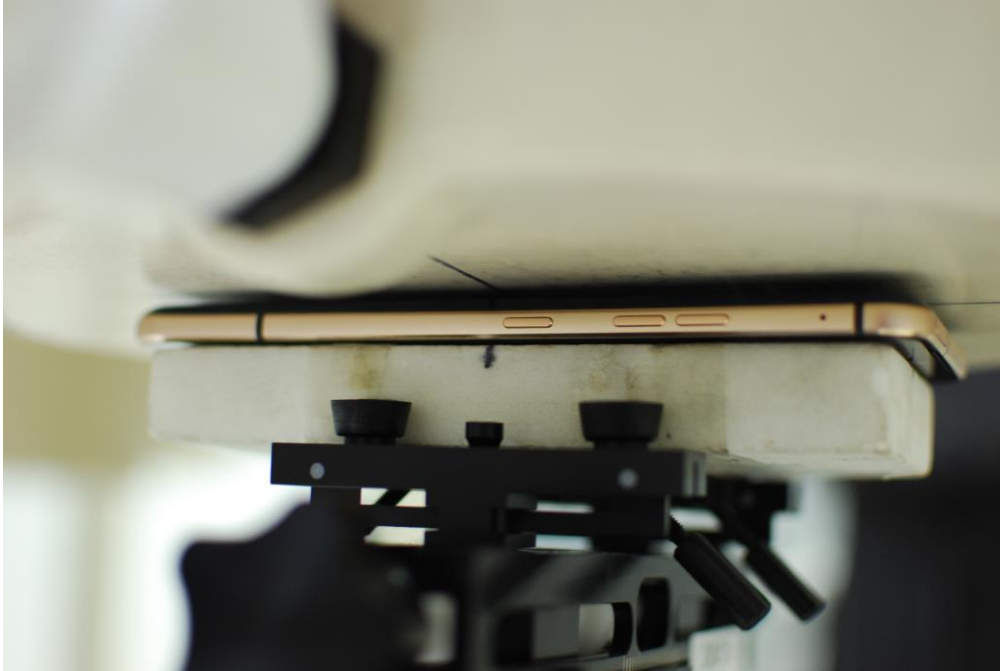


SAR Test Setup Photo 9 – Back Side at 10 mm with Dual Display Cover Position 2



SAR Test Setup Photo 10 – Back Side at 10 mm with Dual Display Cover Position 3

FCC ID ZNFV600TM		SAR EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 8 of 18



SAR Test Setup Photo 11 – Back Side at 2 mm



SAR Test Setup Photo 12 – Back Side at 0 mm

FCC ID ZNFV600TM	 PCTEST	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 9 of 18



SAR Test Setup Photo 13 – Front Side at 10 mm

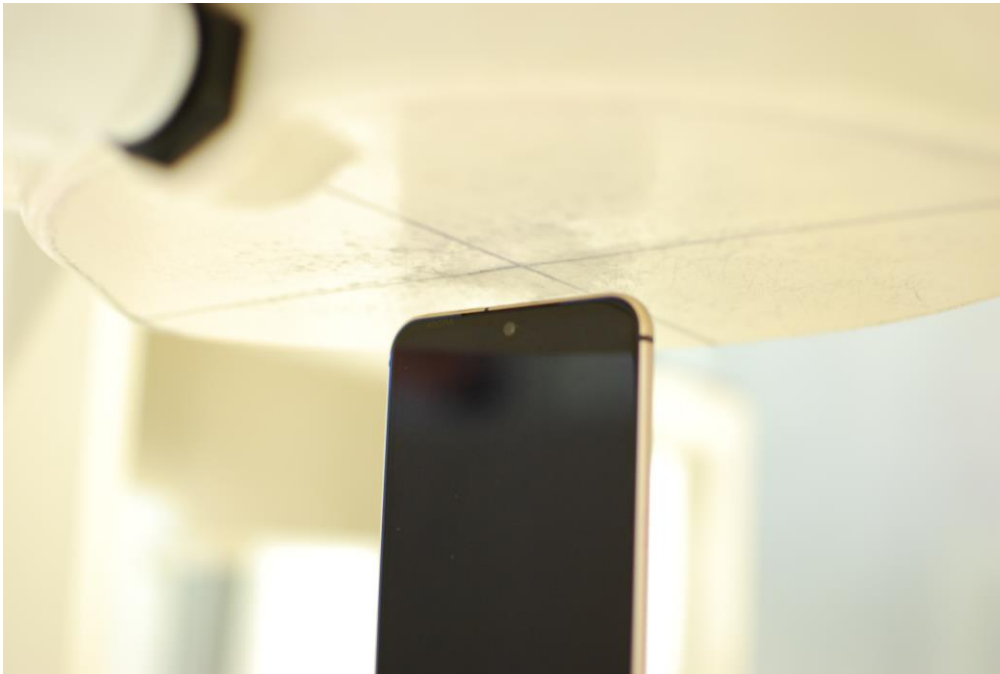


SAR Test Setup Photo 14 – Front Side at 1 mm

FCC ID ZNFV600TM	 PCTEST	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 10 of 18



SAR Test Setup Photo 15 – Front Side at 0 mm



SAR Test Setup Photo 16 – Top Edge at 10 mm

FCC ID ZNFV600TM	 PCTEST	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 11 of 18



SAR Test Setup Photo 17 – Top Edge at 0 mm

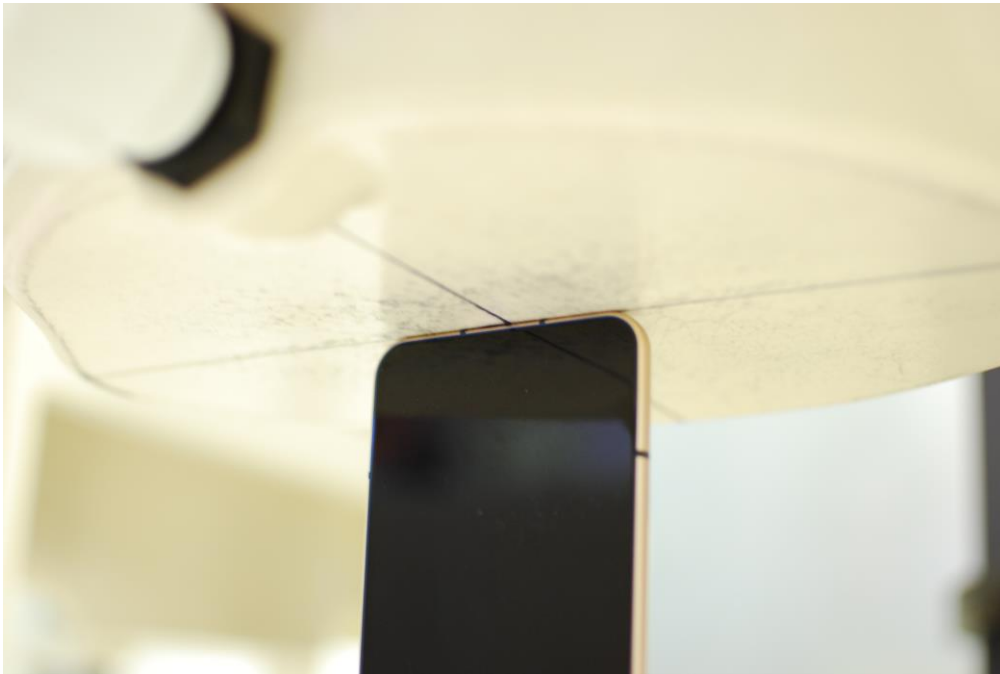


SAR Test Setup Photo 18 – Bottom Edge at 10 mm

FCC ID ZNFV600TM	 PCTEST	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 12 of 18



SAR Test Setup Photo 19 – Bottom Edge at 3

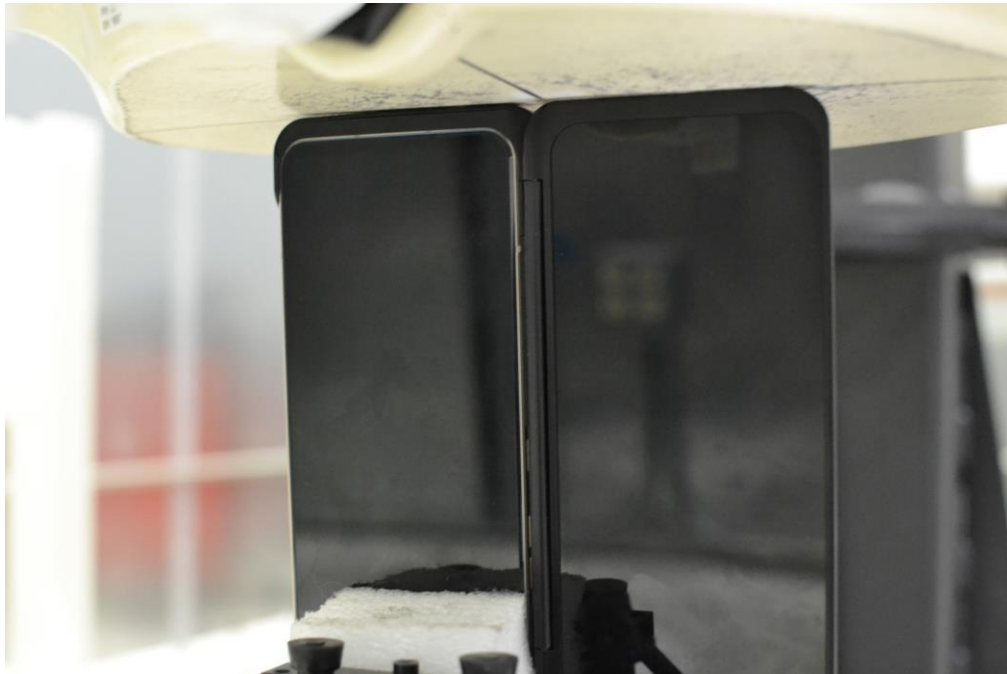


SAR Test Setup Photo 20 – Bottom Edge at 0 mm

FCC ID ZNFV600TM	 SAR EVALUATION REPORT 	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset	APPENDIX E: Page 13 of 18



SAR Test Setup Photo 21 – Bottom Edge at 0 mm with Dual Display Cover Position 1

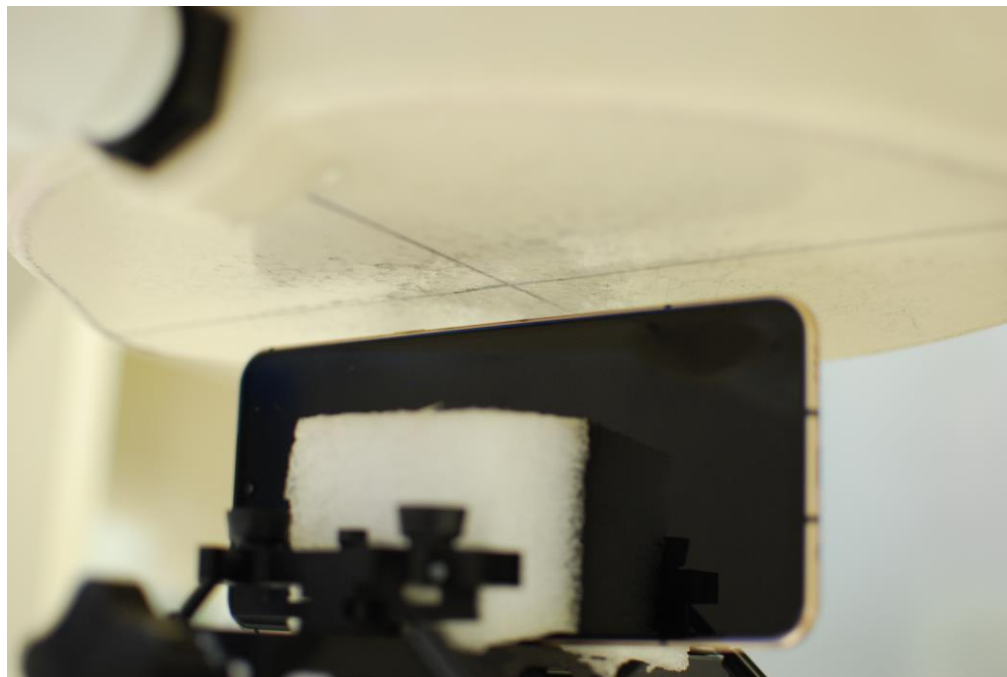


SAR Test Setup Photo 22 – Bottom Edge at 0 mm with Dual Display Cover Position 2

FCC ID ZNFV600TM	 PCTEST	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 14 of 18

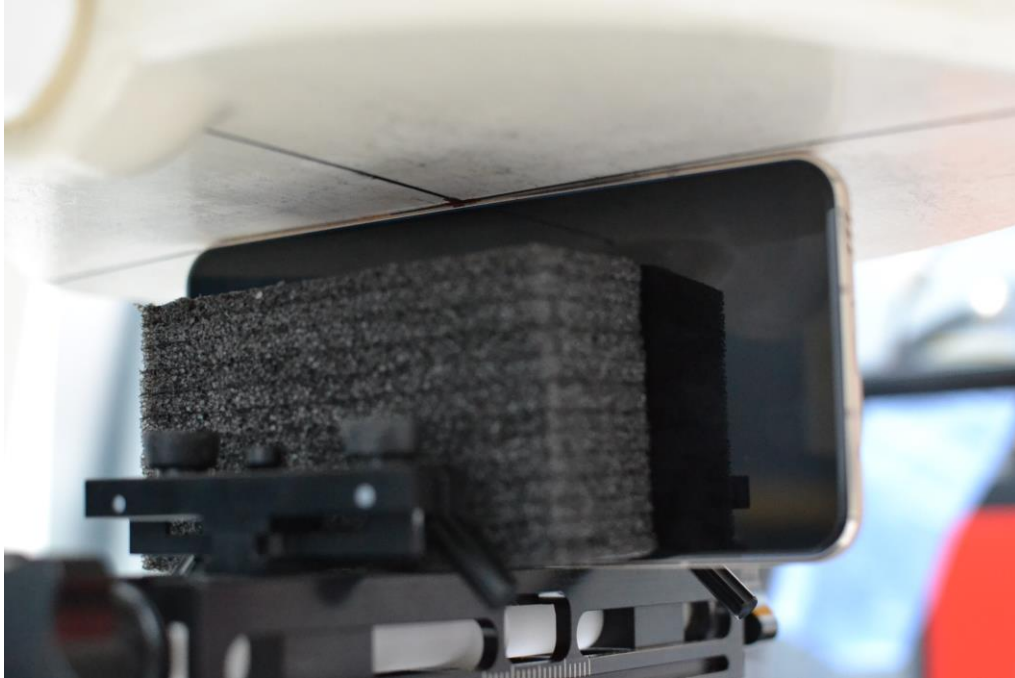


SAR Test Setup Photo 23 – Bottom Edge at 0 mm with Dual Display Cover Position 3

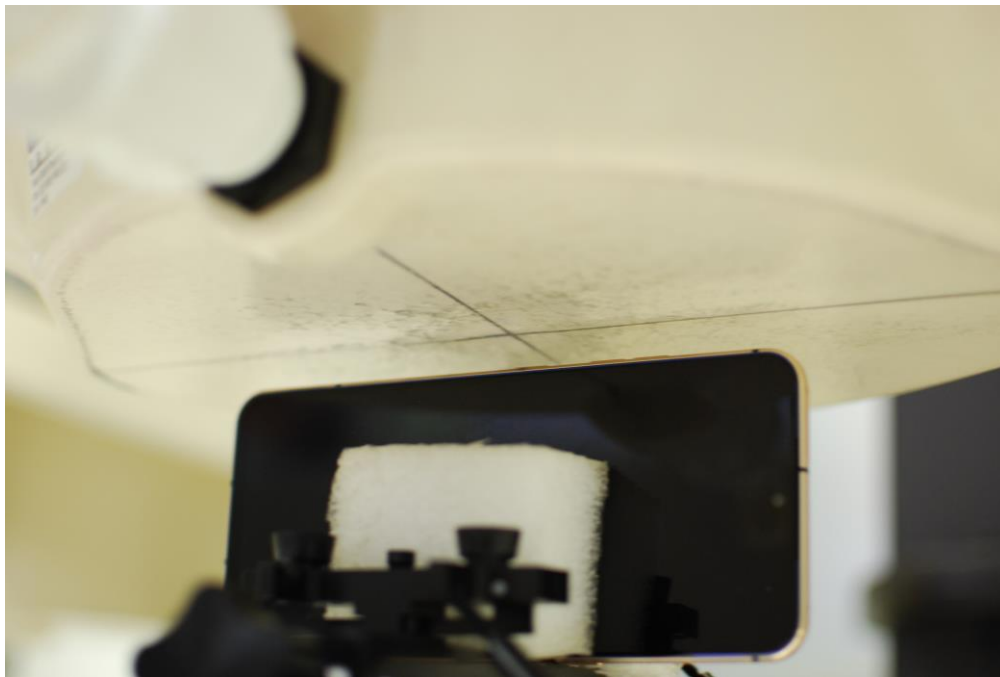


SAR Test Setup Photo 24 – Right Edge at 10 mm

FCC ID ZNFV600TM	 PCTEST	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 15 of 18



SAR Test Setup Photo 25 – Right Edge at 0 mm



SAR Test Setup Photo 26 – Left Edge at 10 mm

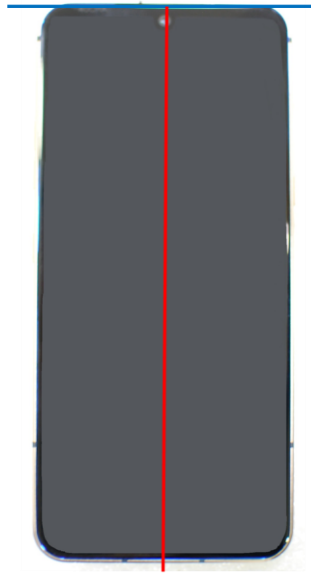
FCC ID ZNFV600TM	 PCTEST	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 16 of 18



SAR Test Setup Photo 27 – Left Edge at 0 mm

FCC ID ZNFV600TM	 PCTEST	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 17 of 18

Horizontal Reference Line



Vertical Reference Line

SAR Test Setup Photo 28: Horizontal and Vertical Reference Lines

FCC ID ZNFV600TM	 PCTEST	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 01/27/20 - 02/24/20	DUT Type: Portable Handset			APPENDIX E: Page 18 of 18