APPENDIX E: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

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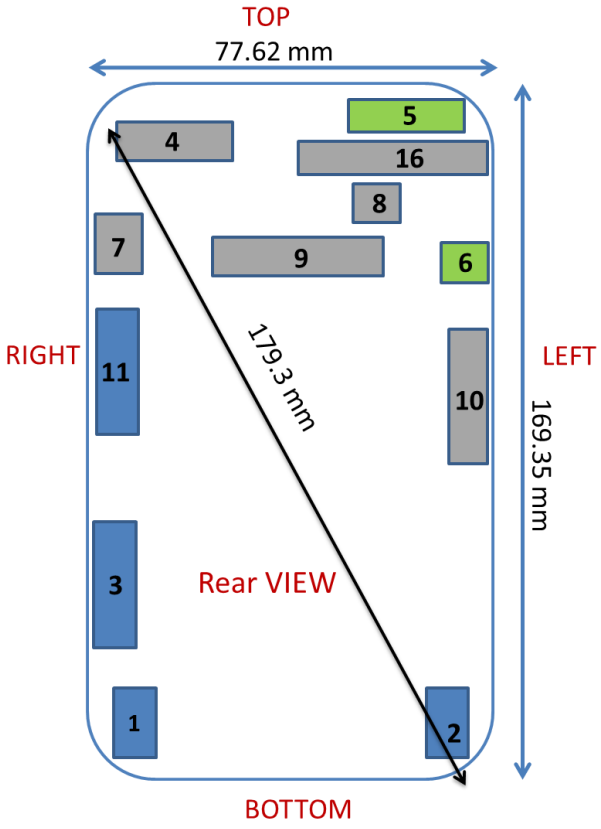
Note: Exact antenna dimensions and separation distances are shown in the Technical Descriptions in the FCC Filing.



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 RF1 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

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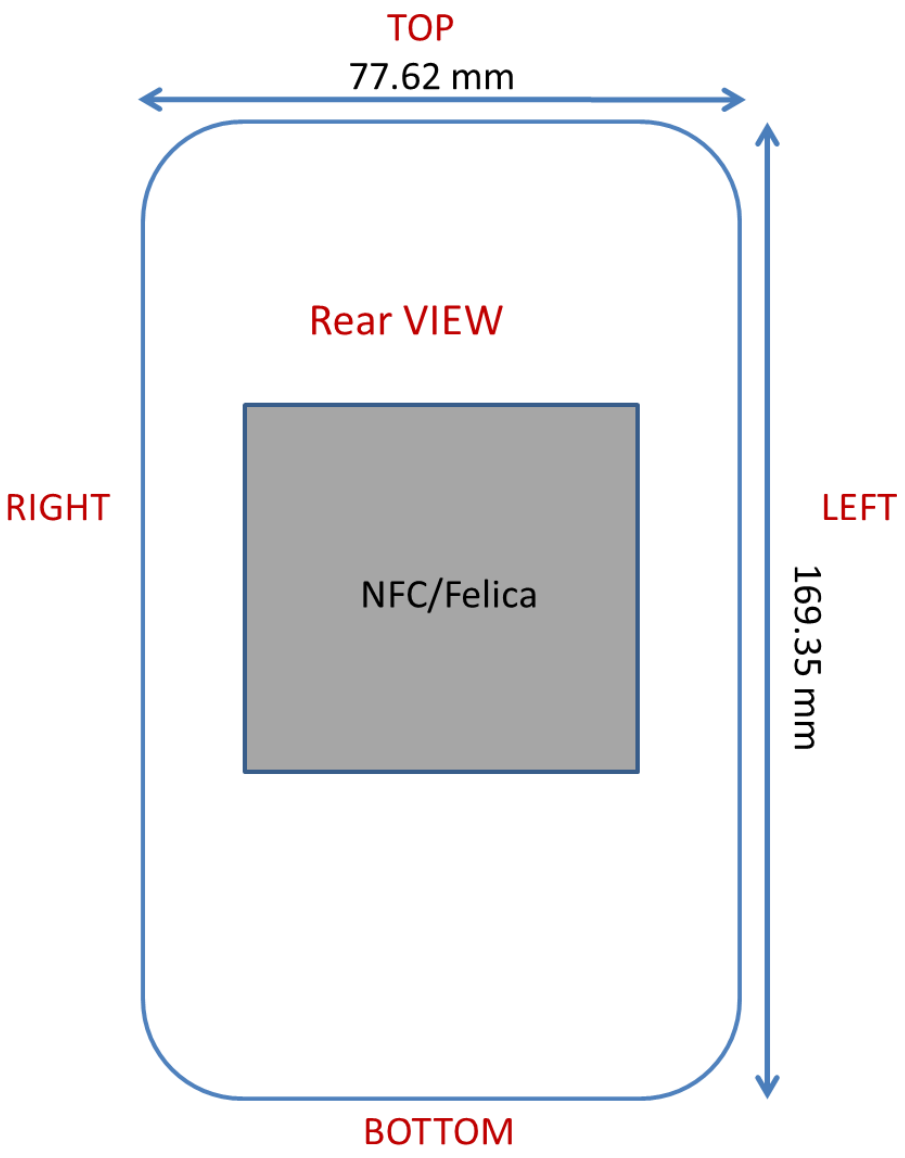

Figure E-2
NFC Antenna Locations

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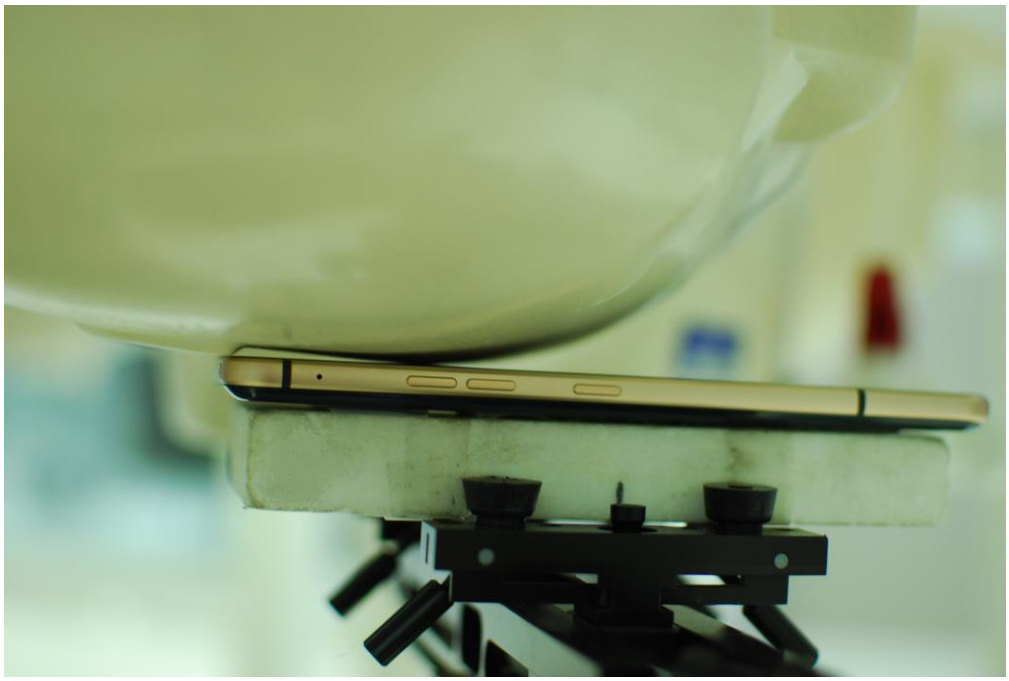
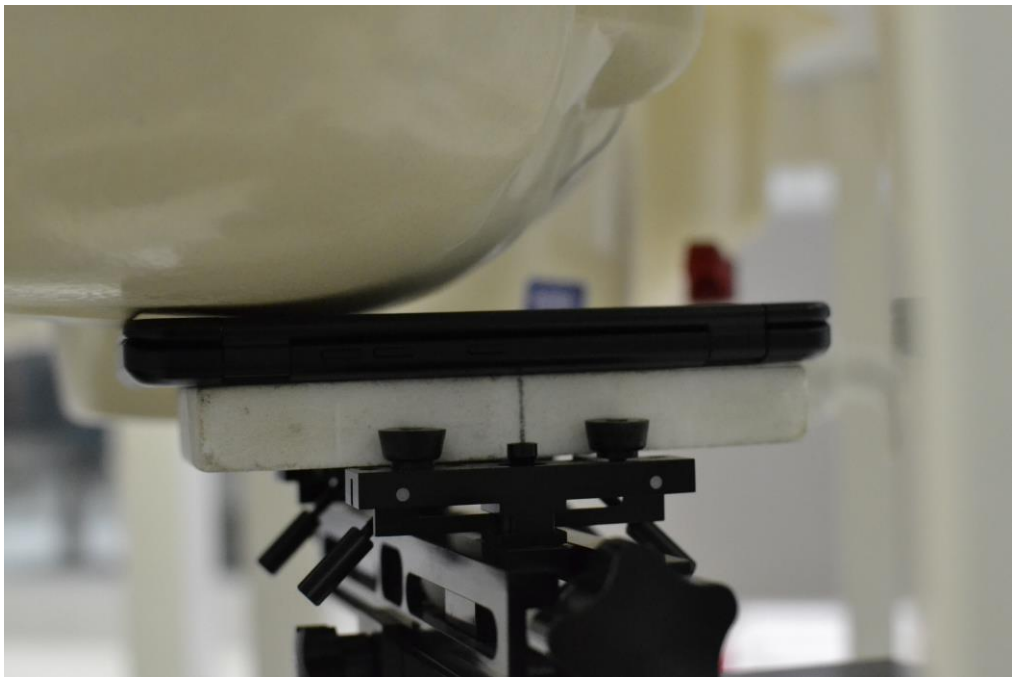


SAR Test Setup Photo 1 – Right Cheek



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

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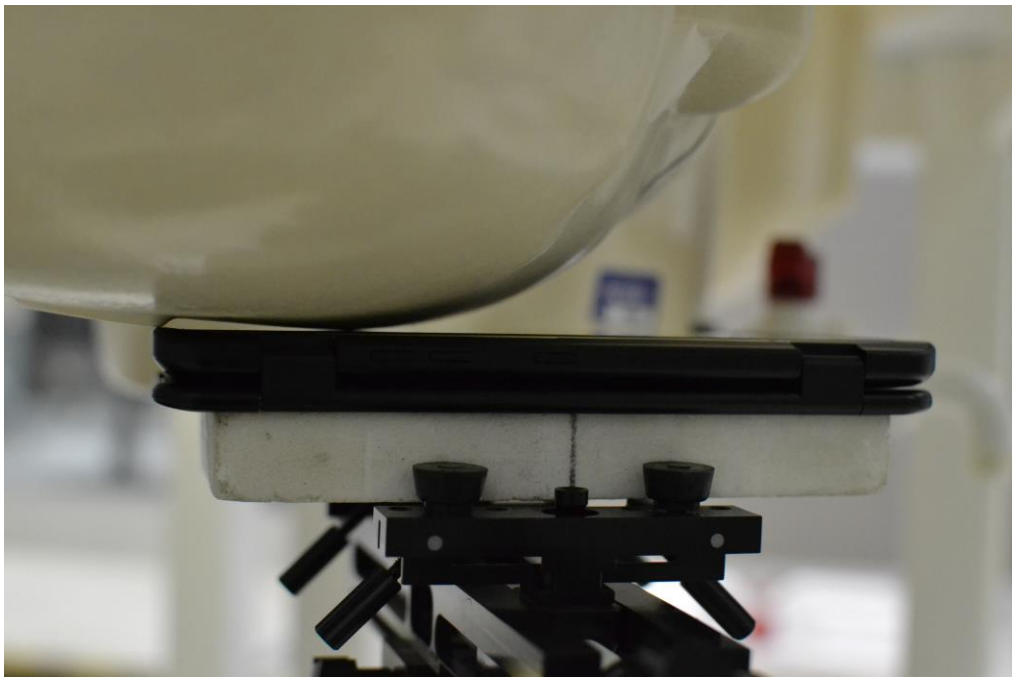
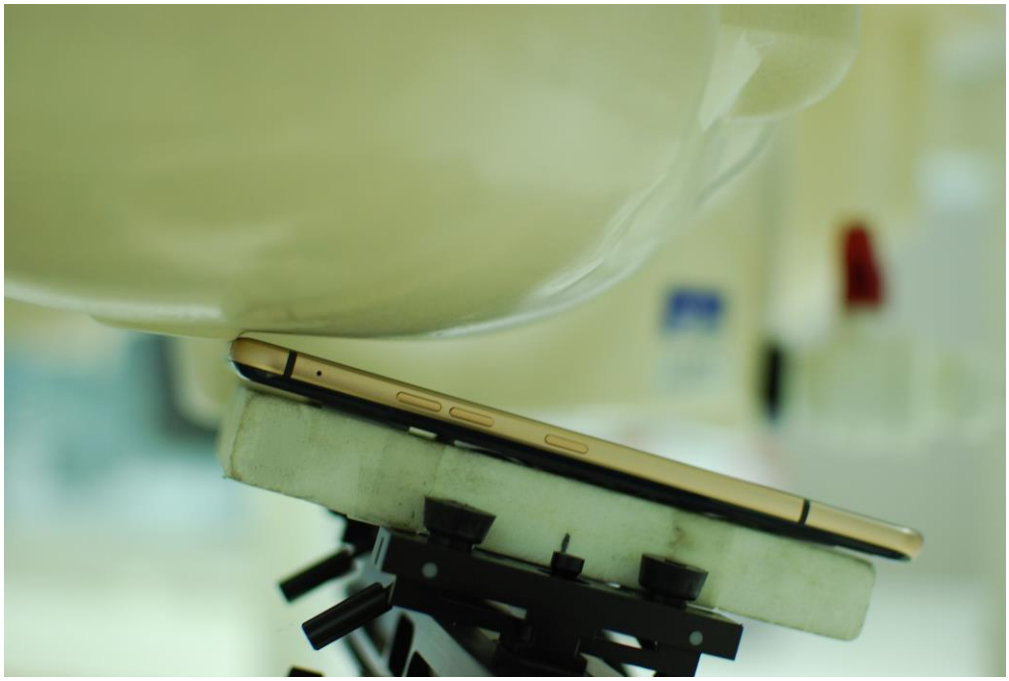


SAR Test Setup Photo 3 – Right Cheek with Dual Display Cover Position 3



SAR Test Setup Photo 4 – Right Tilt

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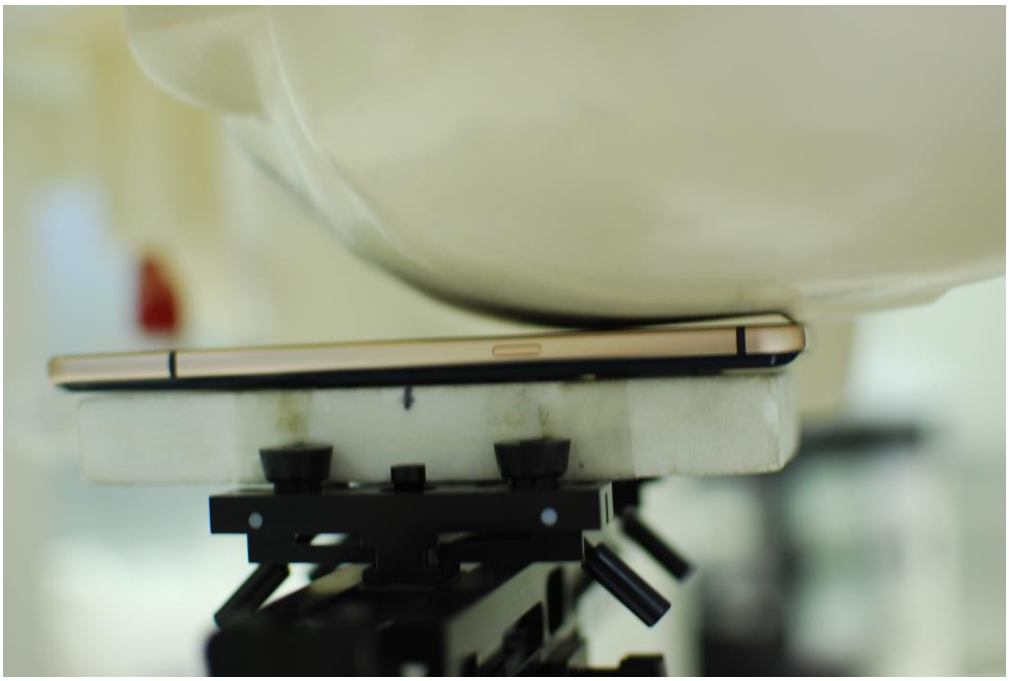
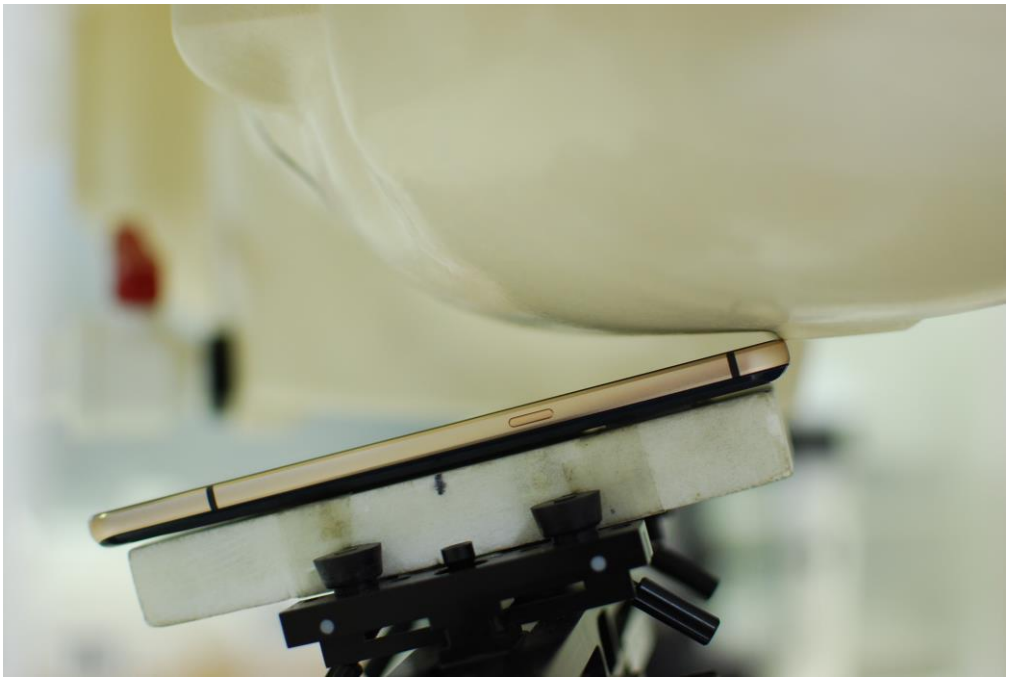


SAR Test Setup Photo 5 – Left Cheek



SAR Test Setup Photo 6 – Left Tilt

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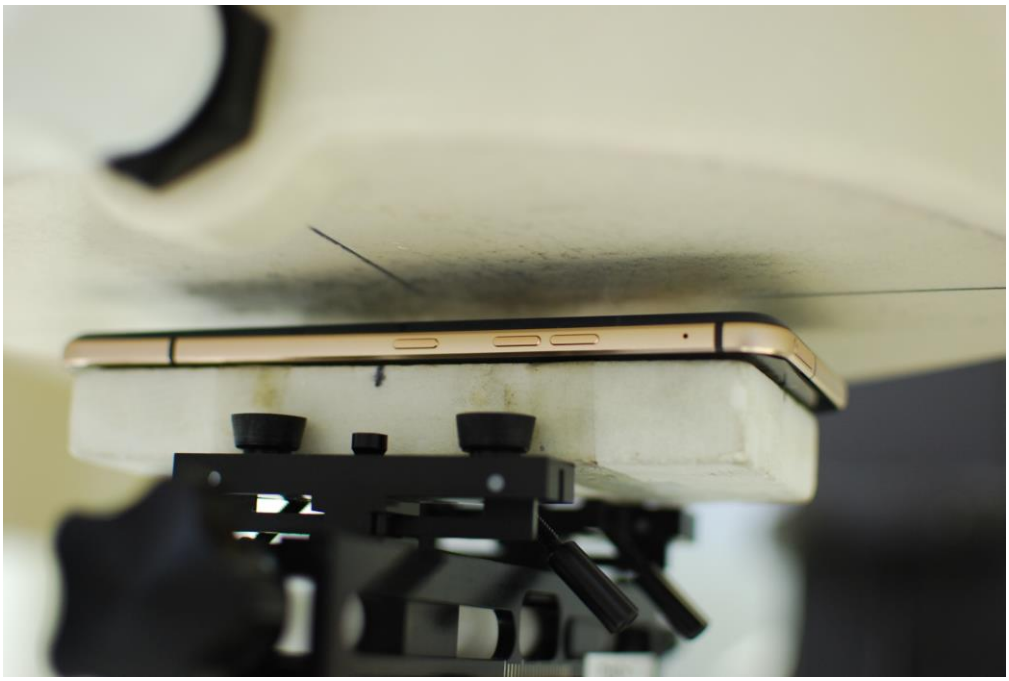
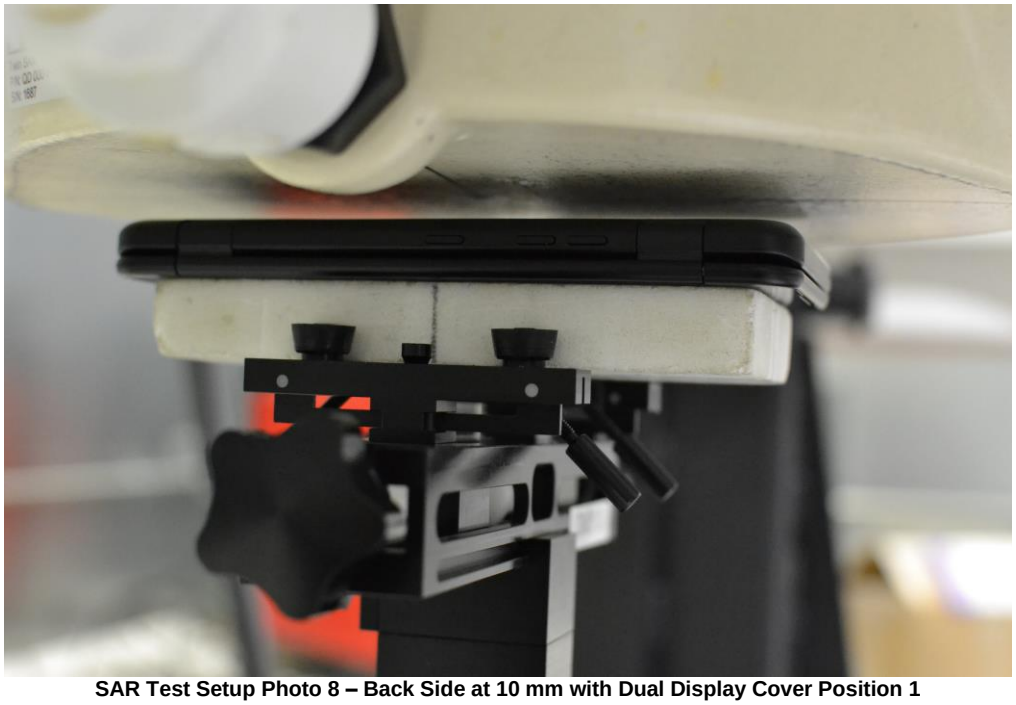


SAR Test Setup Photo 7 – Back Side at 10 mm



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

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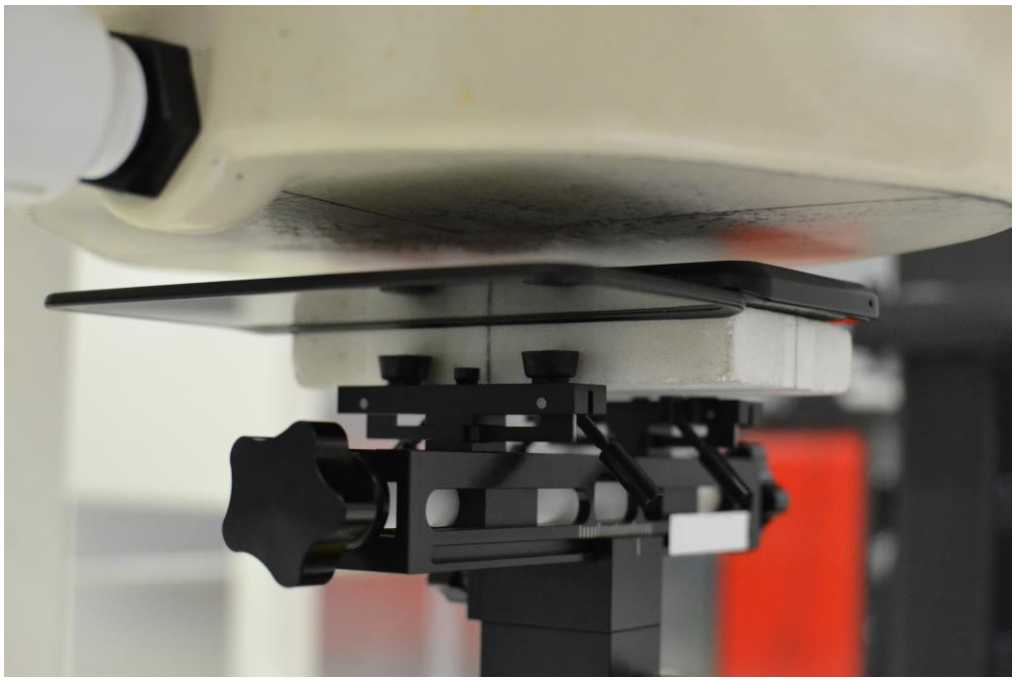
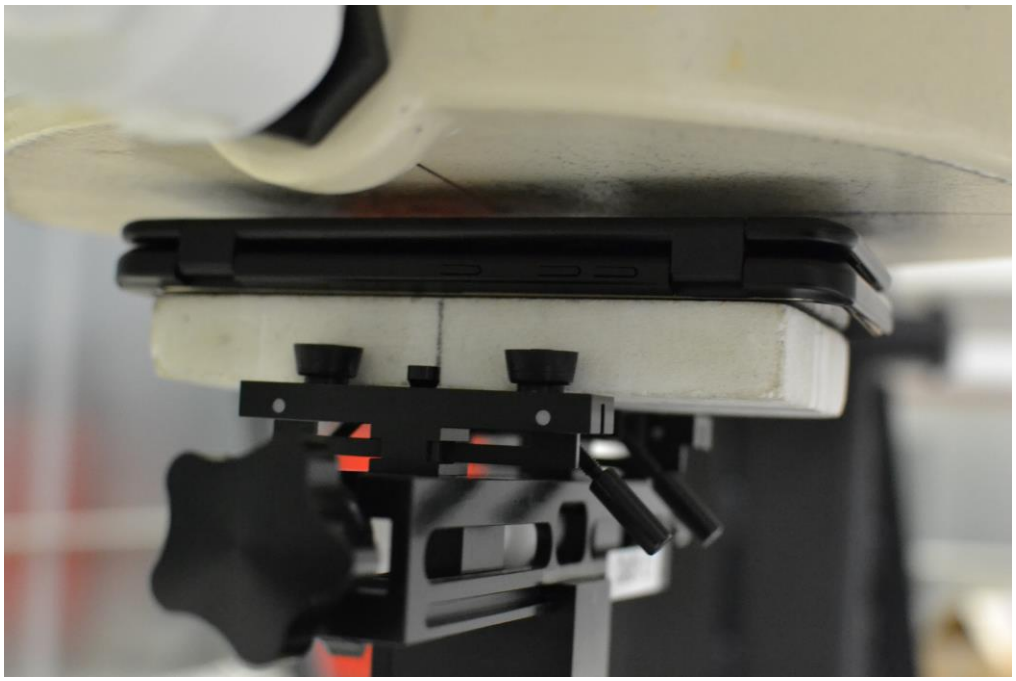


SAR Test Setup Photo 9 – Back Side at 10 mm with Dual Display Cover Position 2



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

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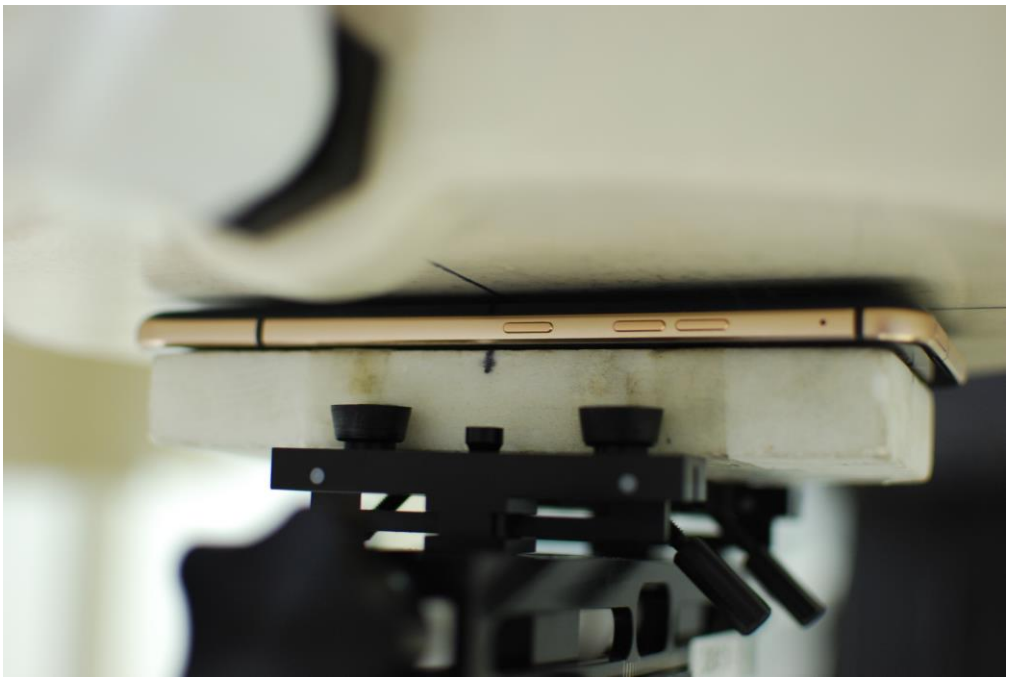

SAR Test Setup Photo 11 – Back Side at 2 mm

SAR Test Setup Photo 12 – Back Side at 0 mm

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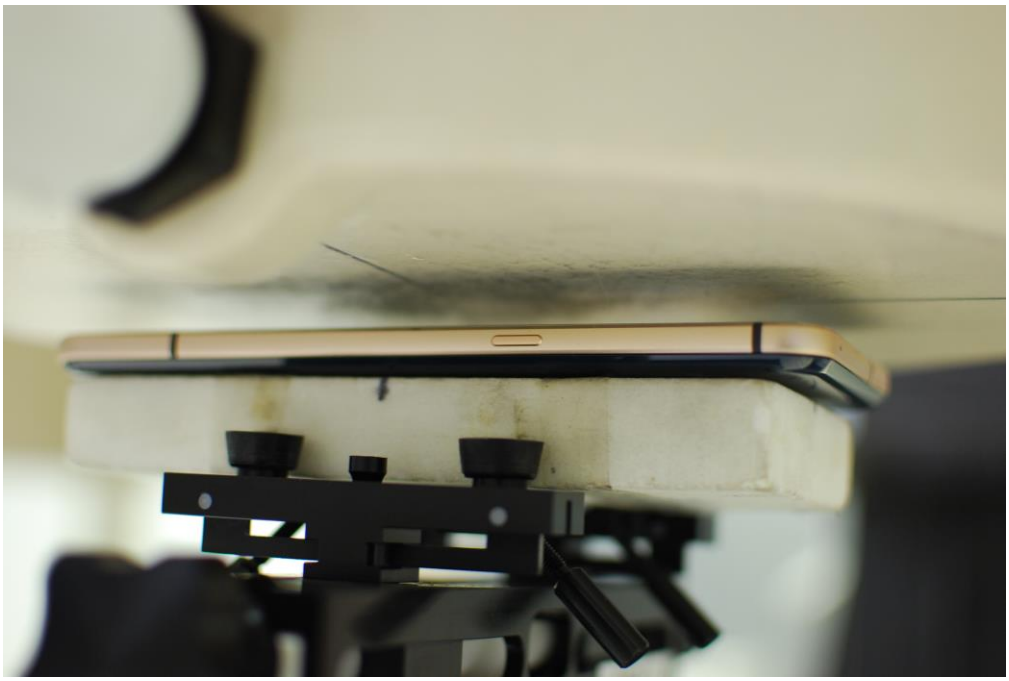

SAR Test Setup Photo 13 – Front Side at 10 mm

SAR Test Setup Photo 14 – Front Side at 1 mm

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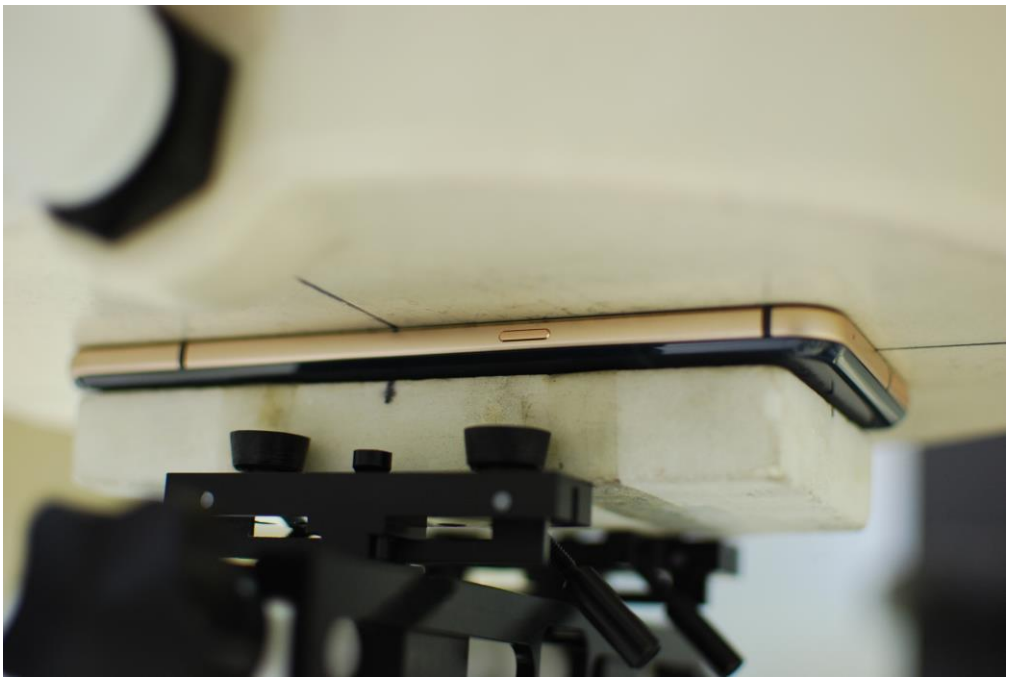
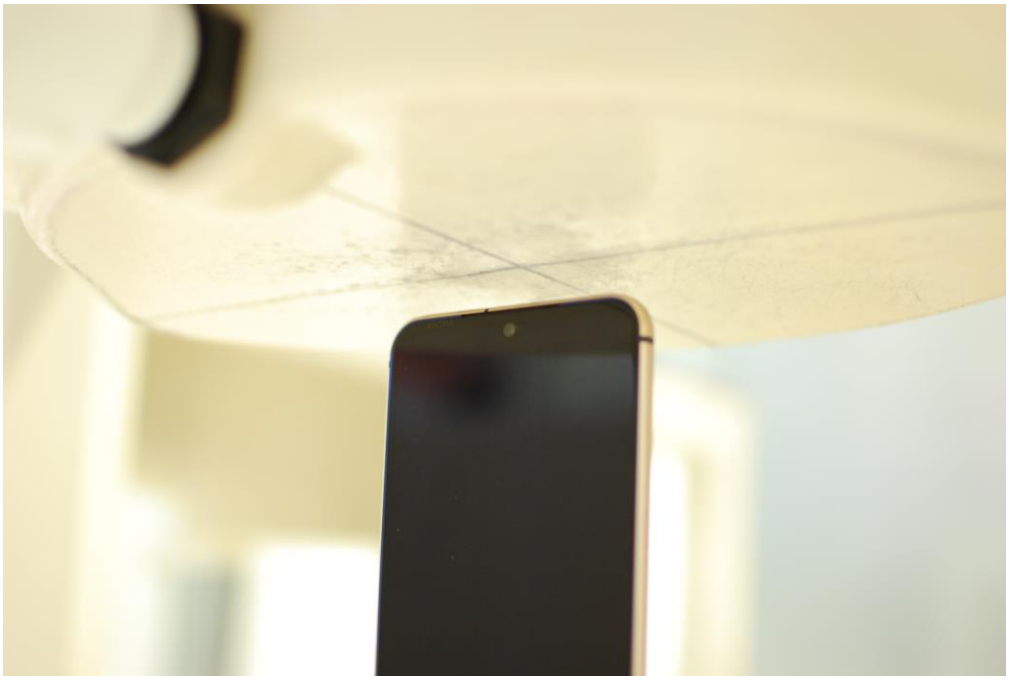


SAR Test Setup Photo 15 – Front Side at 0 mm



SAR Test Setup Photo 16 – Top Edge at 10 mm

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SAR Test Setup Photo 17 – Top Edge at 0 mm

SAR Test Setup Photo 18 – Bottom Edge at 10 mm

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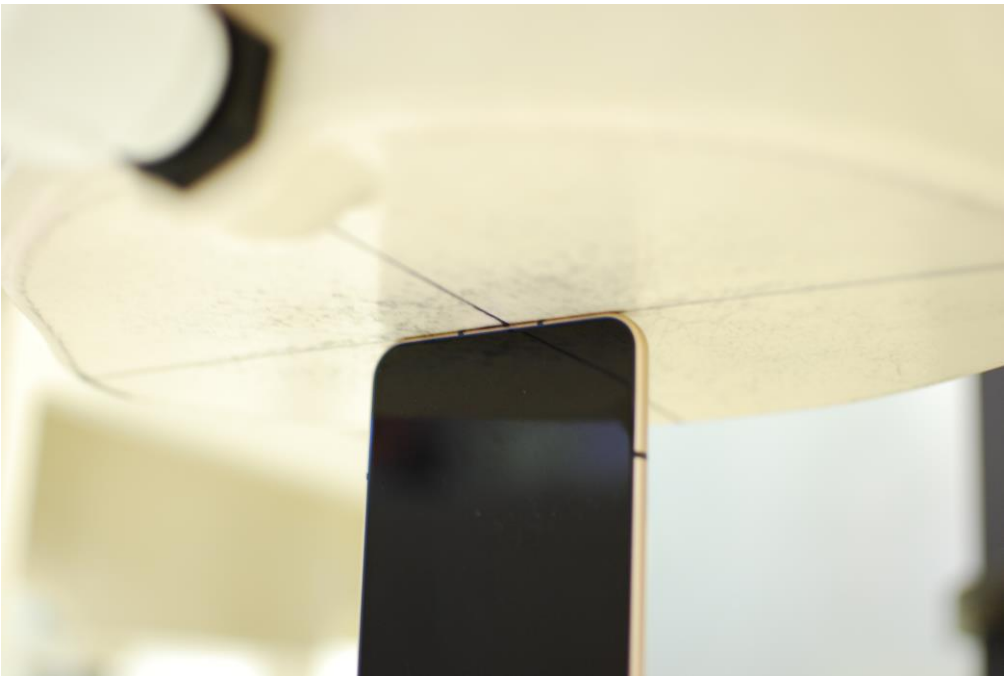
SAR Test Setup Photo 19 – Bottom Edge at 3



SAR Test Setup Photo 20 – Bottom Edge at 0 mm

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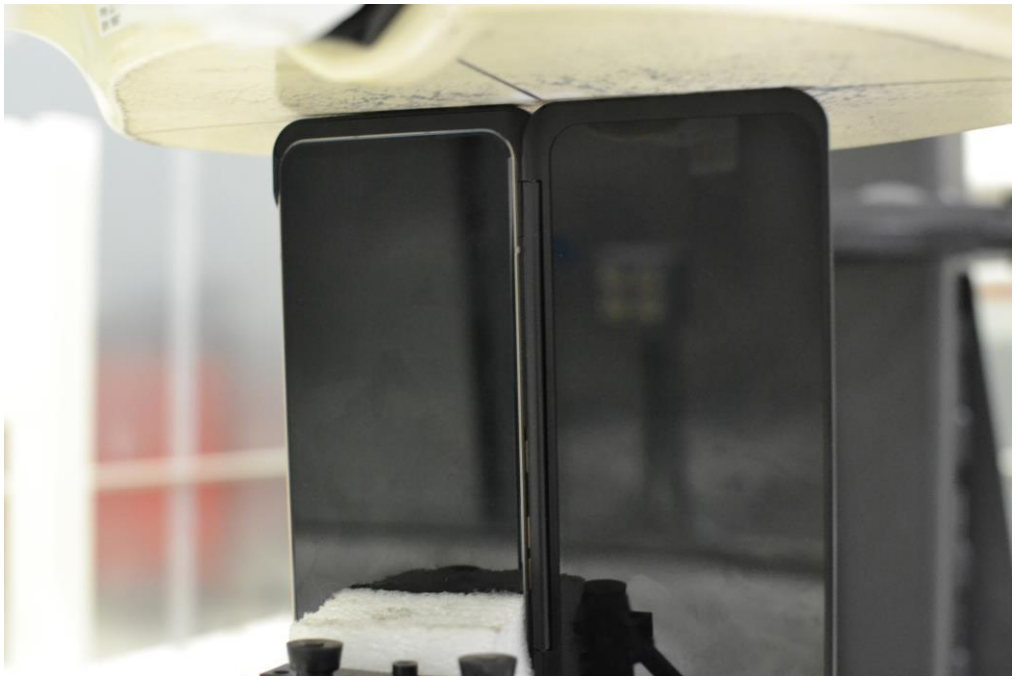
SAR Test Setup Photo 21 – Bottom Edge at 0 mm with Dual Display Cover Position 1



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

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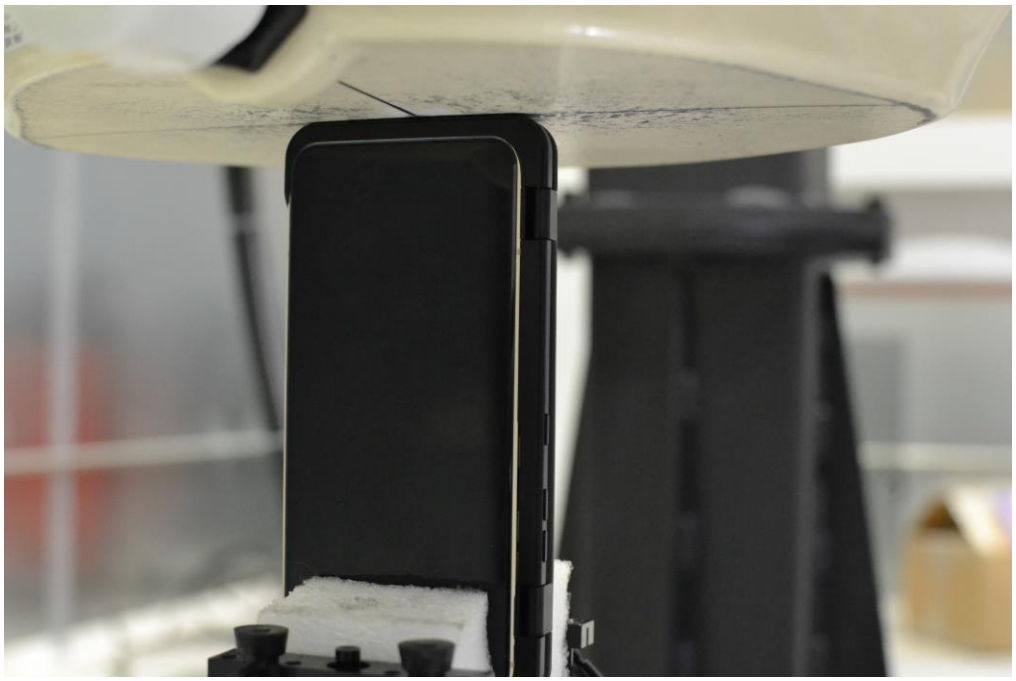
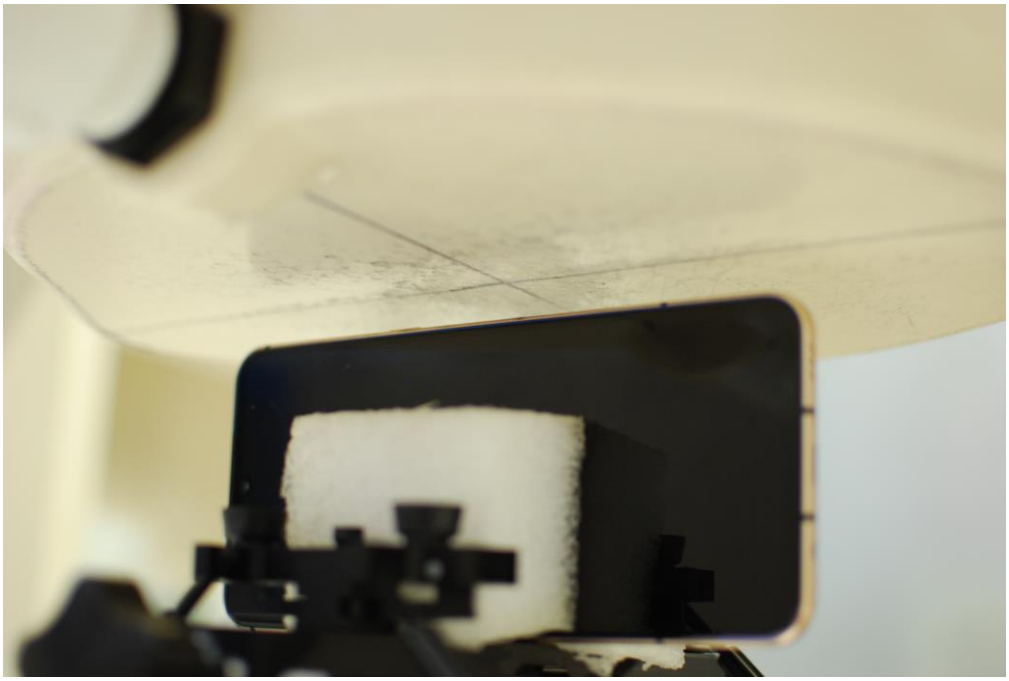


SAR Test Setup Photo 23 – Bottom Edge at 0 mm with Dual Display Cover Position 3



SAR Test Setup Photo 24 – Right Edge at 10 mm

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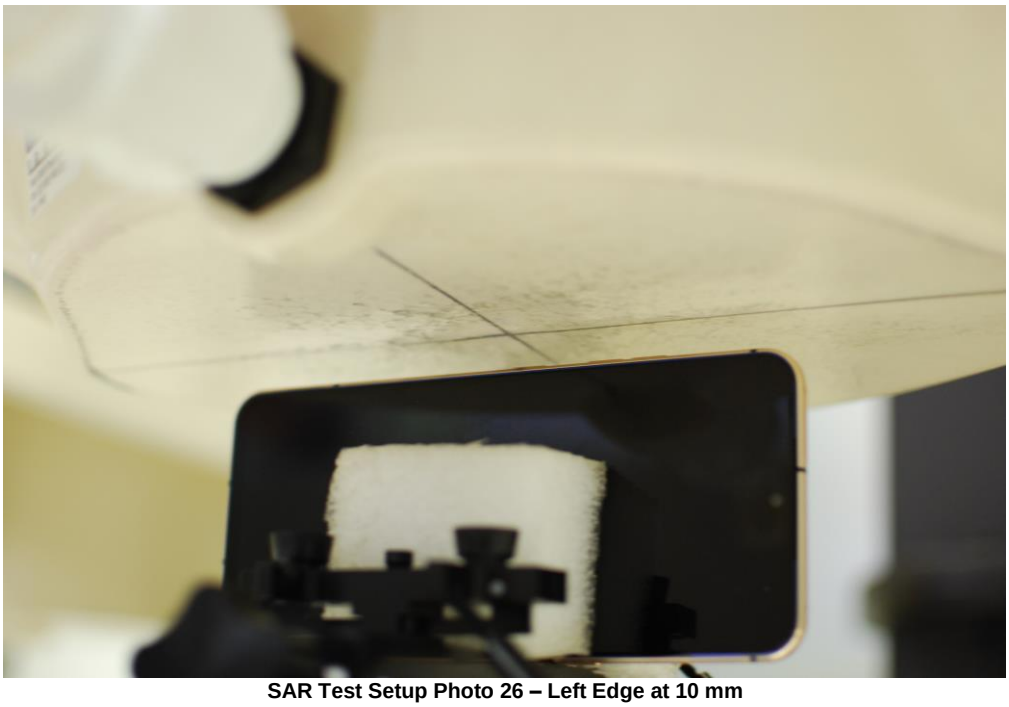
SAR Test Setup Photo 25 – Right Edge at 0 mm



SAR Test Setup Photo 26 – Left Edge at 10 mm

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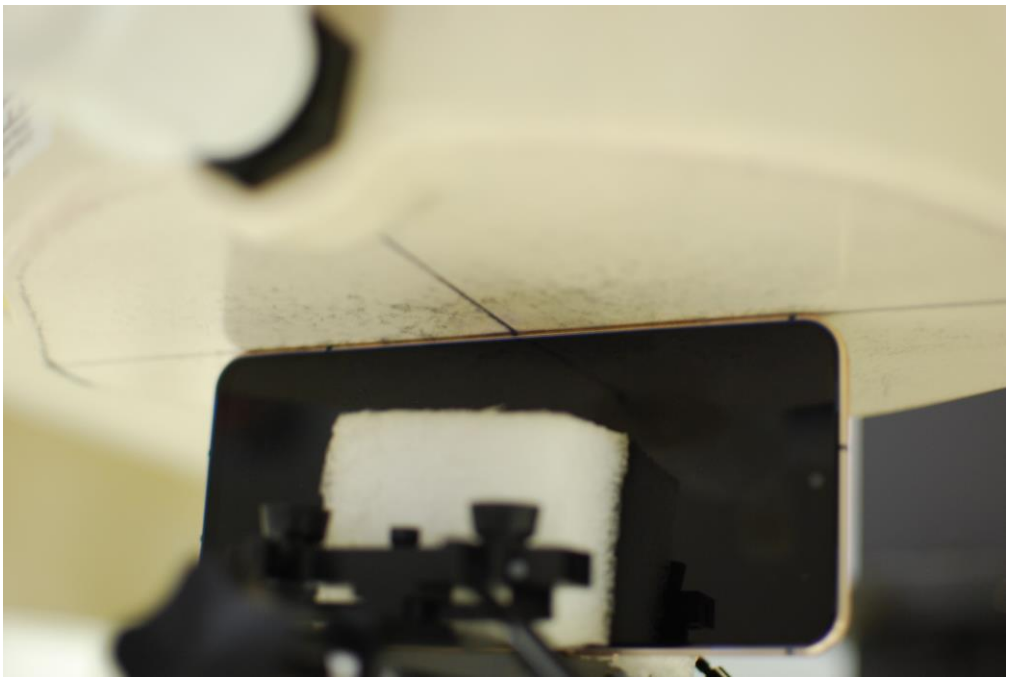

SAR Test Setup Photo 27 – Left Edge at 0 mm

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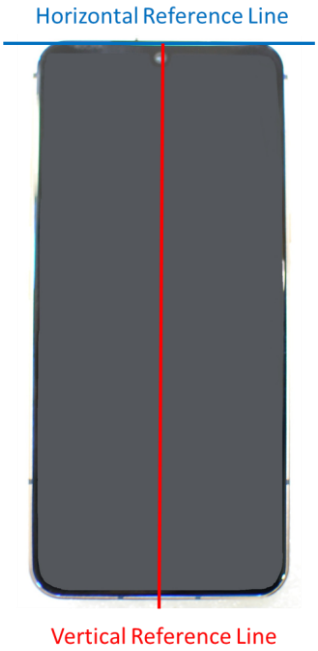

SAR Test Setup Photo 28: Horizontal and Vertical Reference Lines

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