APPENDIX F: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

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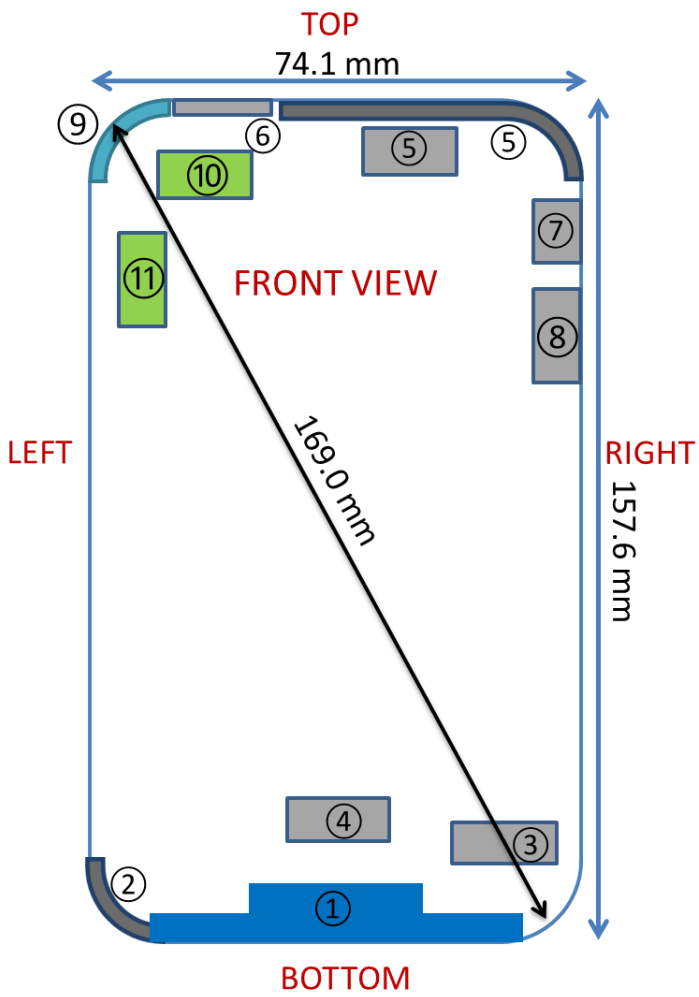

① Main Band Antenna A Tx/Rx
1. CDMA/EVDO BC0/1/10 Tx/Rx
2. GSM/GPRS/EDGE 850/1900 Tx/Rx
3. UMTS B2/4/5 Tx/Rx
4. LTE B2/4/5/12/13/14/25/26/30/66/71 Tx/Rx
5. LTE B7 Tx/Rx (Tx with CA PCC Only)
6. LTE B29 Rx

② Main Band Antenna B Tx/Rx
1. LTE B7/38/41/48 Tx/Rx

③ Sub Antenna C Rx
1. LTE B7/30/41 (4x4 DL MIMO)

④ Sub Antenna D Rx
1. LTE B2/4/25/66 Rx Only (4x4 DL MIMO)

⑤ Sub Antenna E Rx
1. CDMA/EVDO BC0/10 Rx Only
2. GSM/GPRS/EDGE 850 Rx Only
3. WCDMA B5 Rx Only
4. LTE B5/12/13/14/26/29/71 Rx Only

⑥ Sub Antenna F Rx
1. CDMA/EVDO BC1 Rx Only
2. GSM/GPRS/EDGE 1900 Rx Only
3. UMTS B2/4 Rx Only
4. LTE B2/4/7/25/30/38/41/66 Rx Only
5. GPS Rx Only

⑦ Sub Antenna G Rx
1. LTE B2/4/25/66 Rx Only (4x4 DL MIMO)
2. LTE B7/30/41 Rx Only (4x4 DL MIMO)

⑧ Sub Antenna H Rx
1. LTE B48 Rx Only

⑨ WIFI Antenna #1
1. 2.4/5GHz WiFi Ant_1 Tx/Rx, LTE B46 PRx
2. BT/ANT+ Tx/Rx

⑩ WIFI Antenna #2
1. WiFi Ant_2 (2.4GHz) Tx/Rx

⑪ WIFI Antenna #2
1. WiFi Ant_2 (5GHz)Tx/Rx, LTE B46 DRx

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

Figure F-1
DUT Antenna Locations

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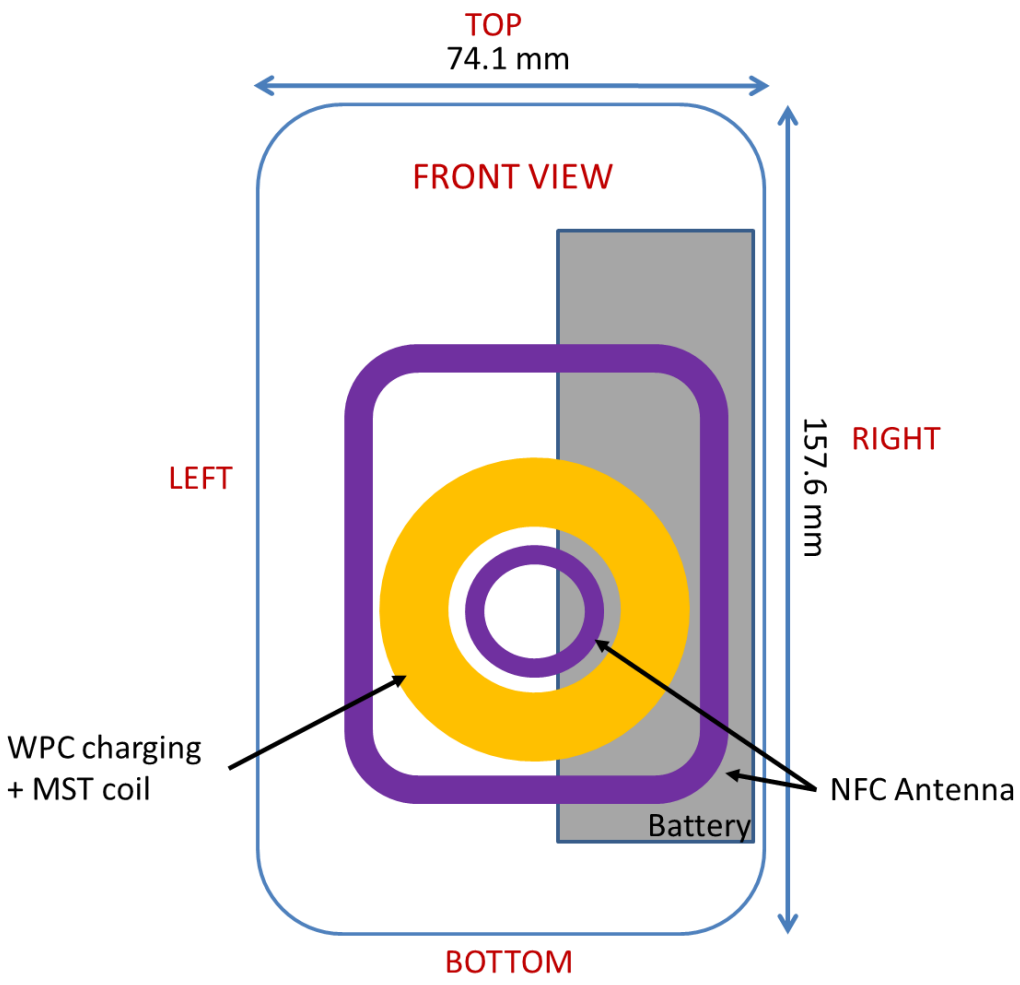

Figure F-2
MST/NFC Antenna and WPC Locations

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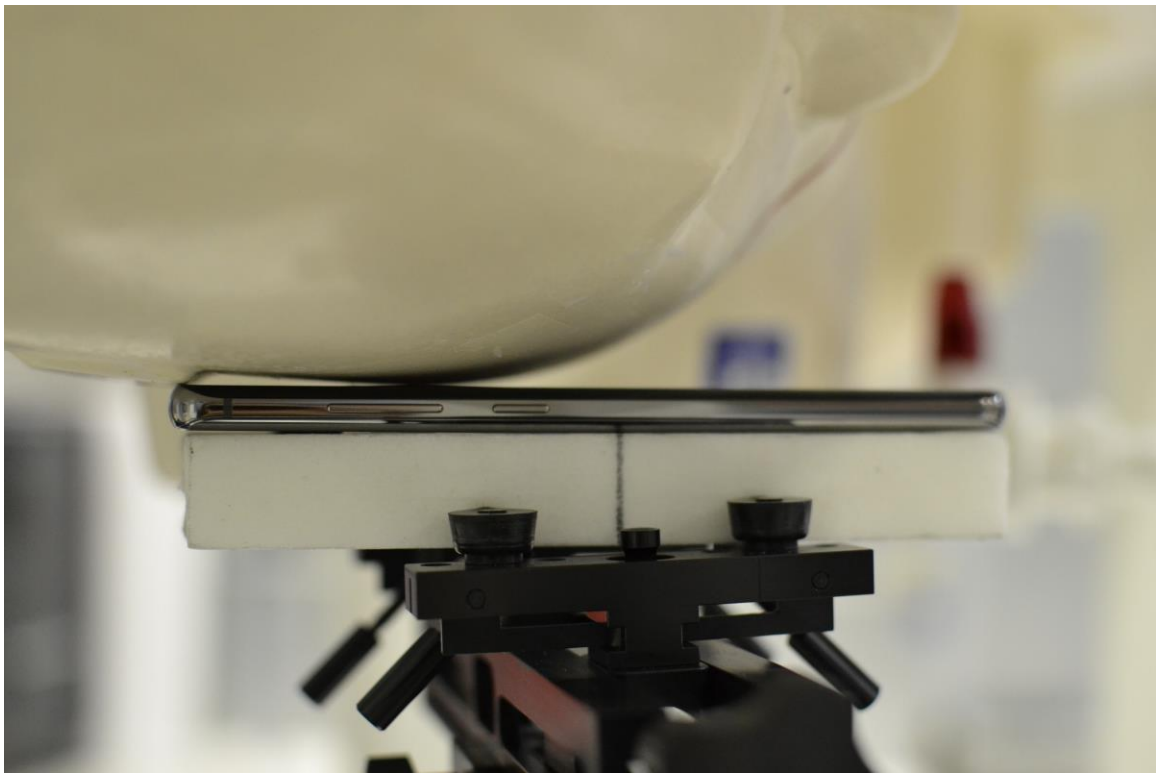
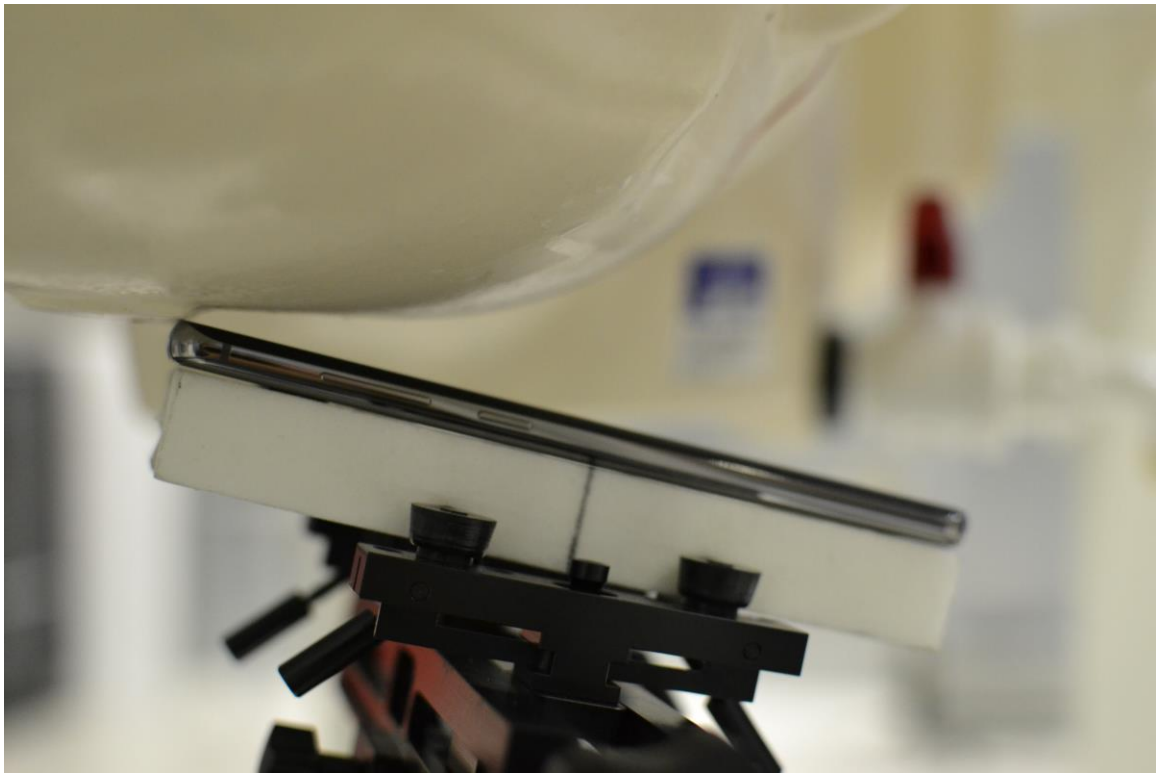


SAR Test Setup Photo 1 – Right Cheek



SAR Test Setup Photo 2 – Right Tilt

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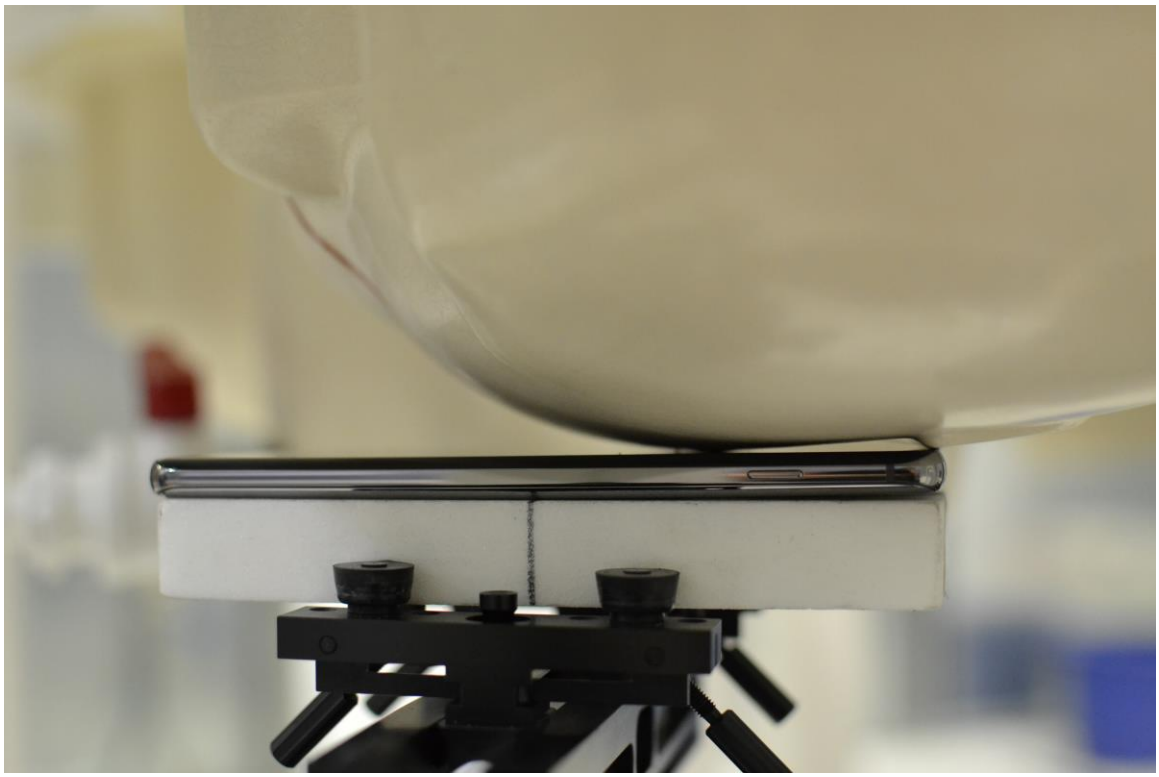
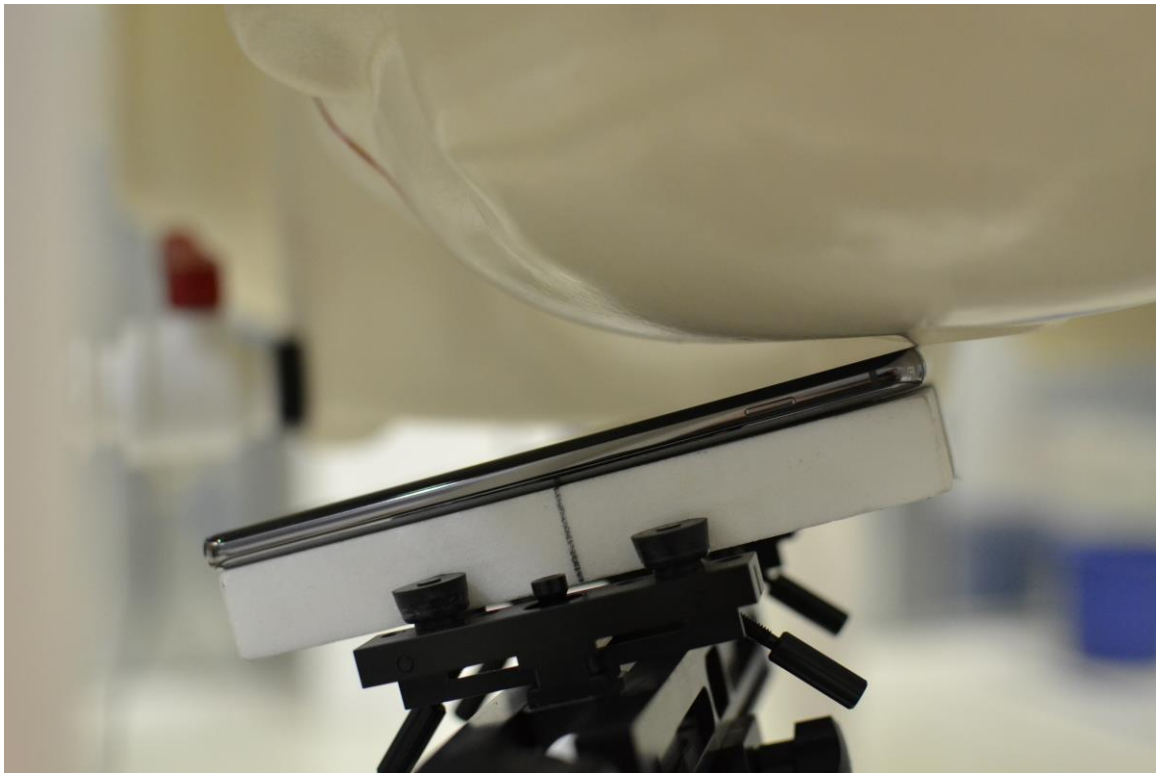


SAR Test Setup Photo 3 – Left Cheek



SAR Test Setup Photo 4 – Left Tilt

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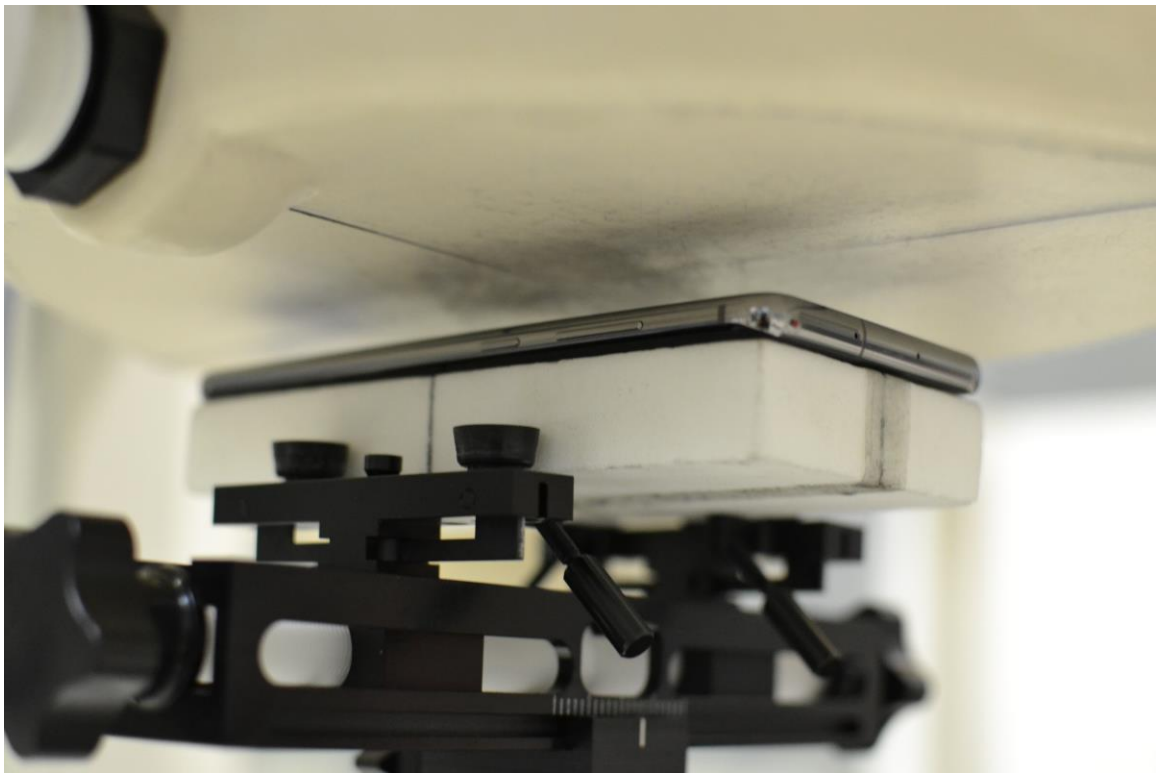
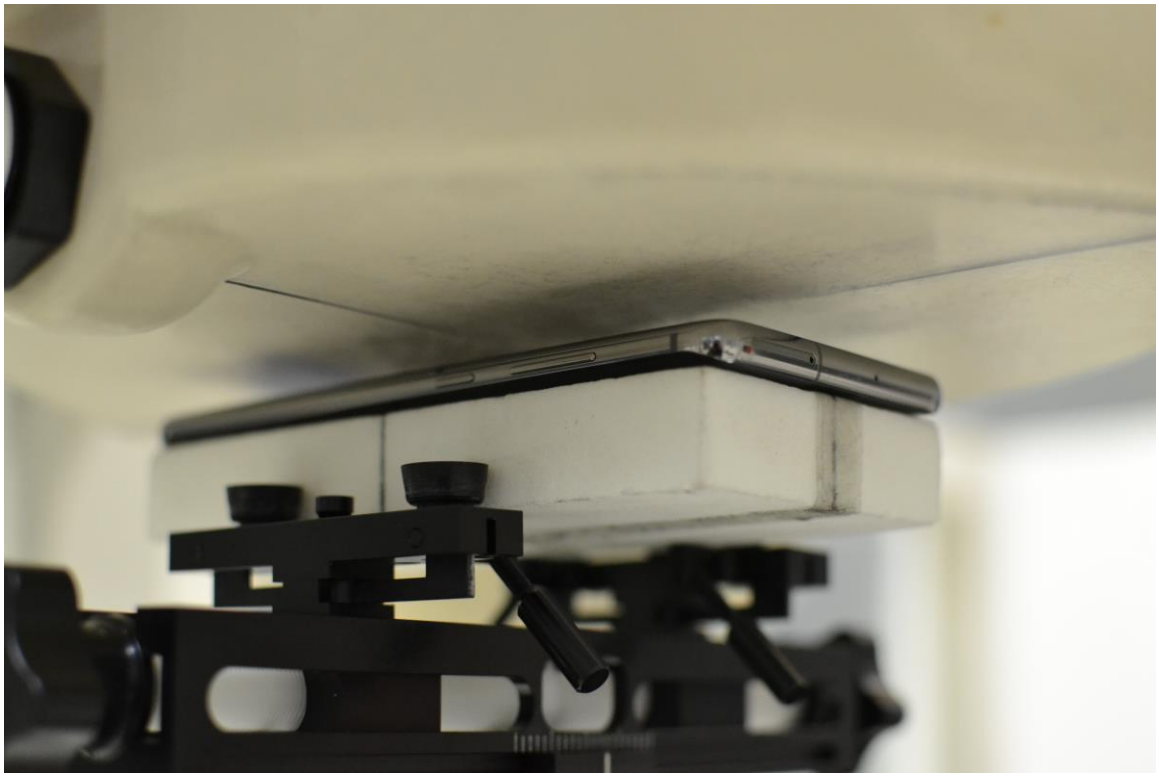


SAR Test Setup Photo 5 – Back Side at 15 mm



SAR Test Setup Photo 7 – Back Side at 10 mm

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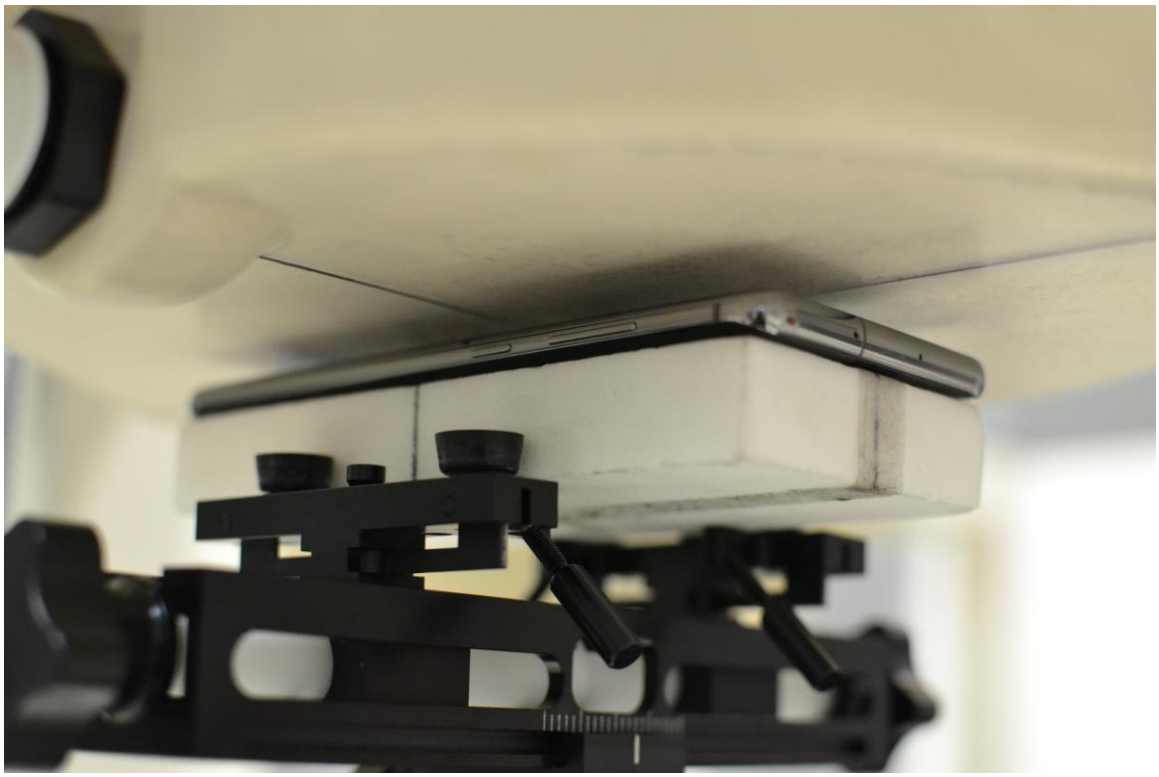
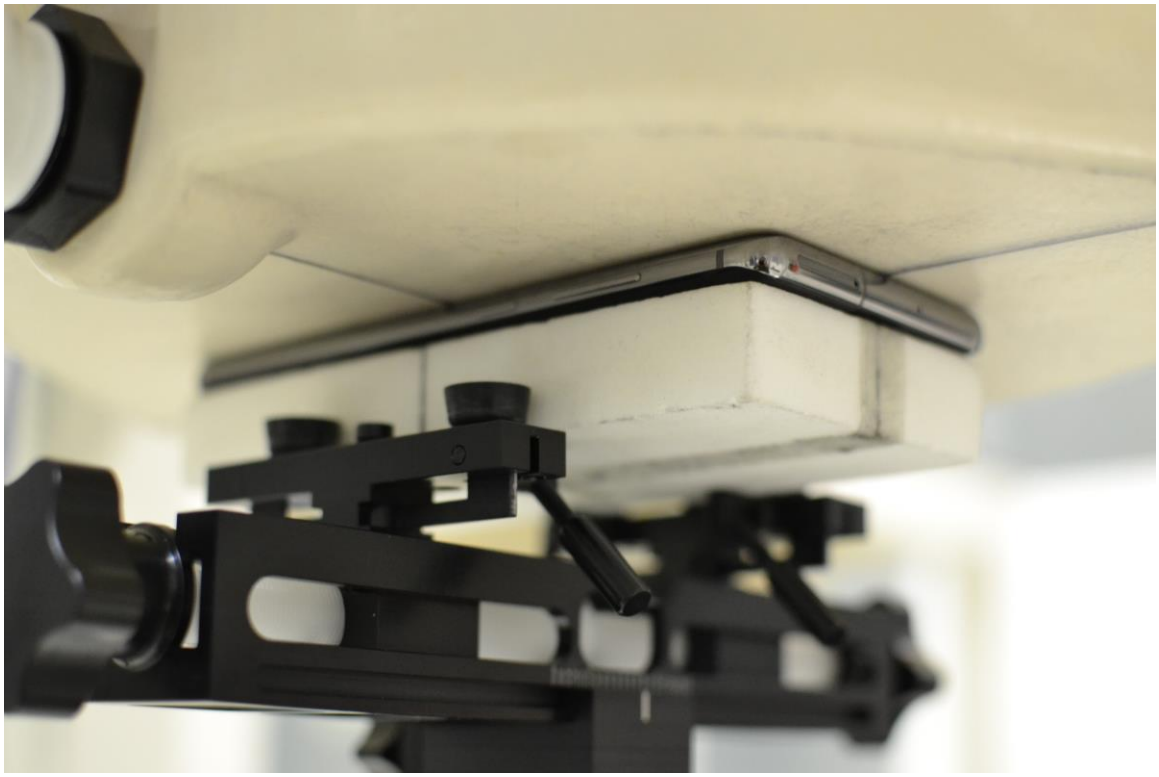


SAR Test Setup Photo 8 – Back Side at 7 mm



SAR Test Setup Photo 9 – Back Side at 0 mm

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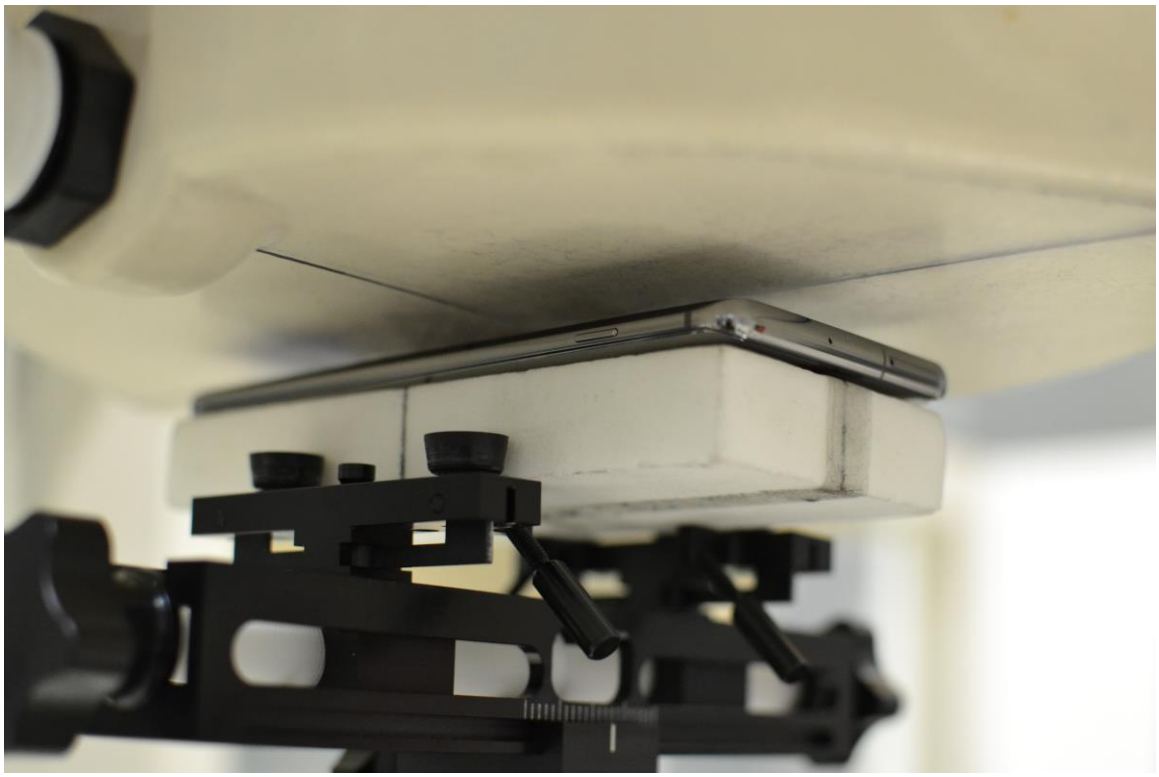
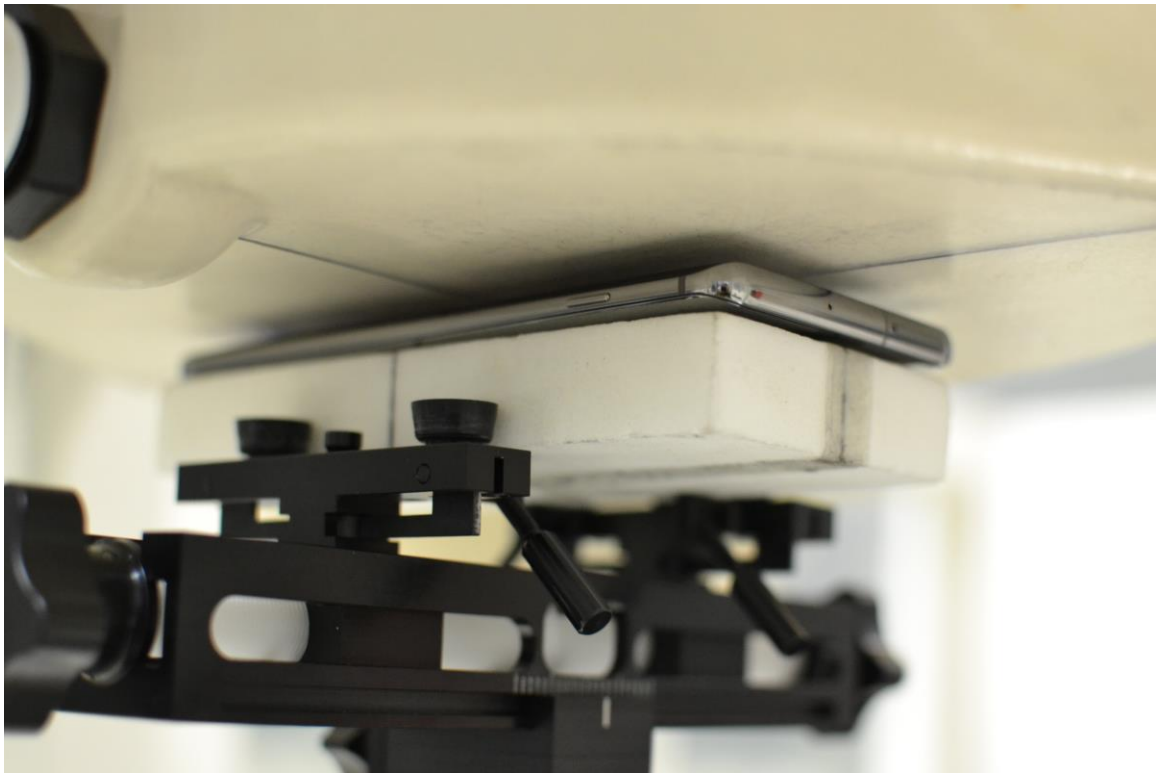


SAR Test Setup Photo 10 – Front Side at 10 mm



SAR Test Setup Photo 11 – Front Side at 5 mm

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SAR Test Setup Photo 12 – Front Side at 0 mm

SAR Test Setup Photo 13 – Top Side at 10 mm

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SAR Test Setup Photo 14 – Top Side at 0 mm

SAR Test Setup Photo 15 – Bottom Side at 10 mm

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SAR Test Setup Photo 16 – Bottom Side at 9 mm

SAR Test Setup Photo 17 – Bottom Side at 0 mm

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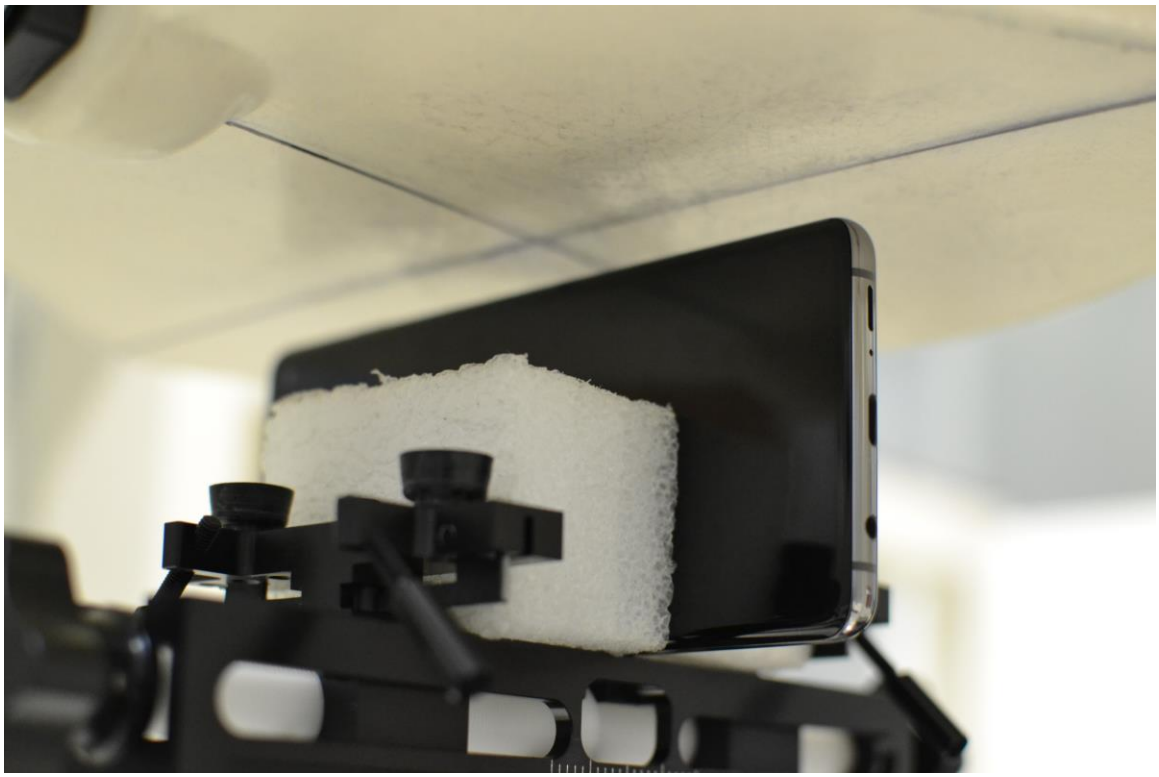
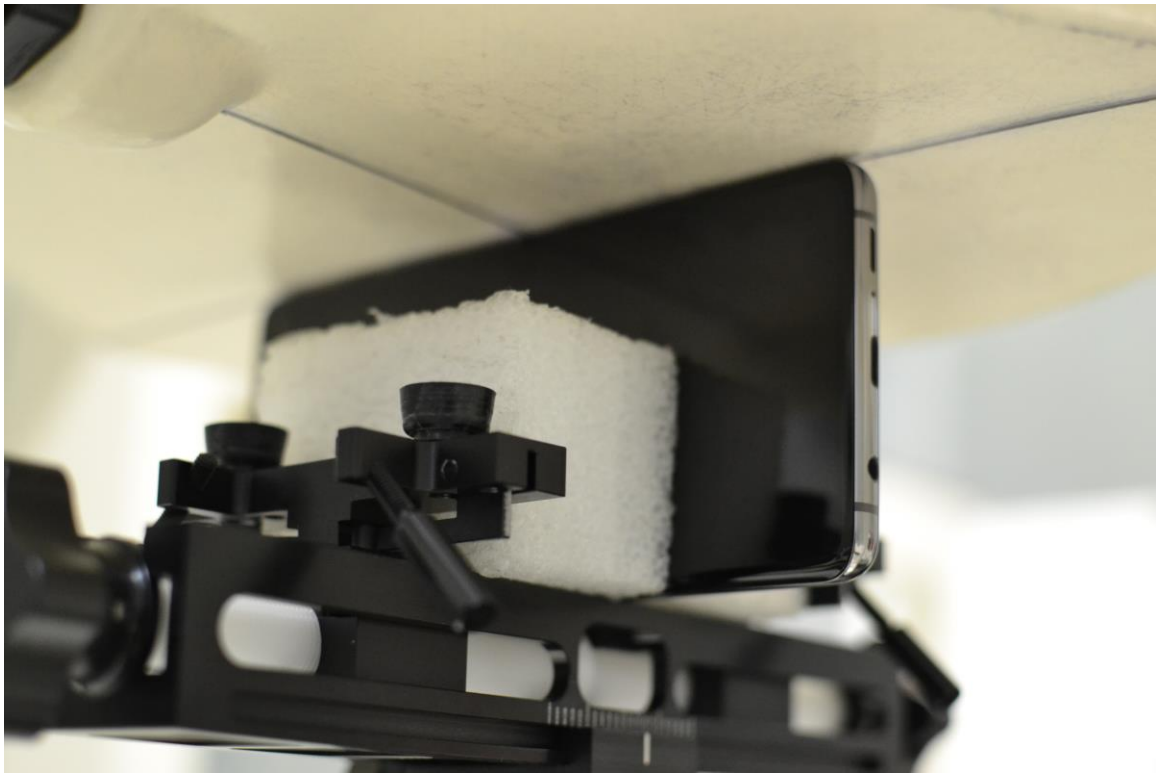


SAR Test Setup Photo 18 – Right Side at 10 mm



SAR Test Setup Photo 19 – Right Side at 0 mm

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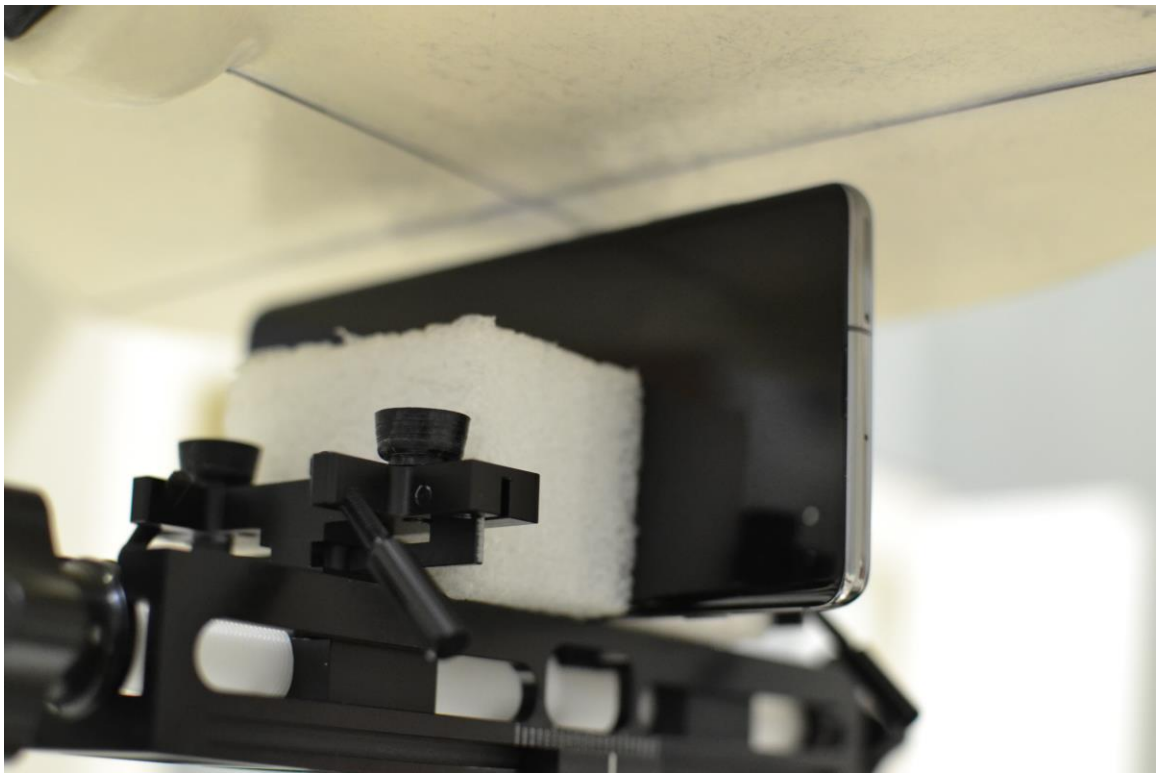
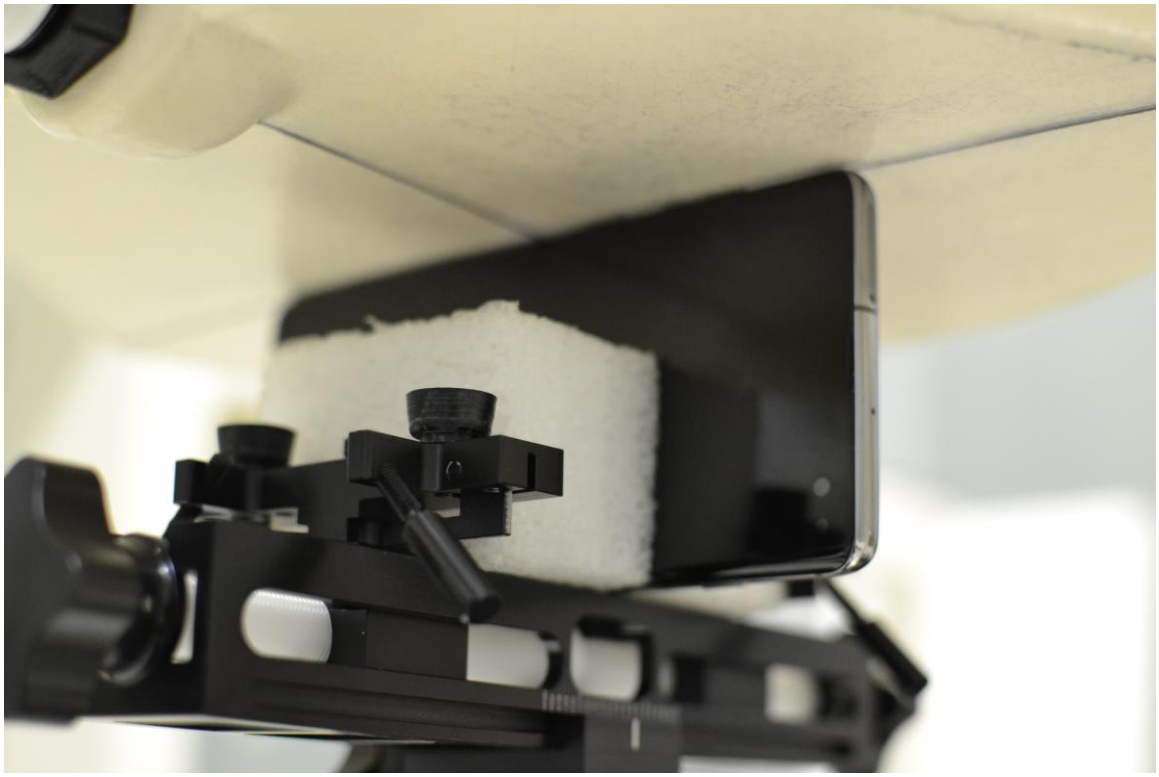


SAR Test Setup Photo 20 – Left Side at 10 mm



SAR Test Setup Photo 21 – Left Side at 0 mm

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SAR Test Setup Photo 22 – Horizontal and Vertical Reference Lines

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