# APPENDIX F: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS



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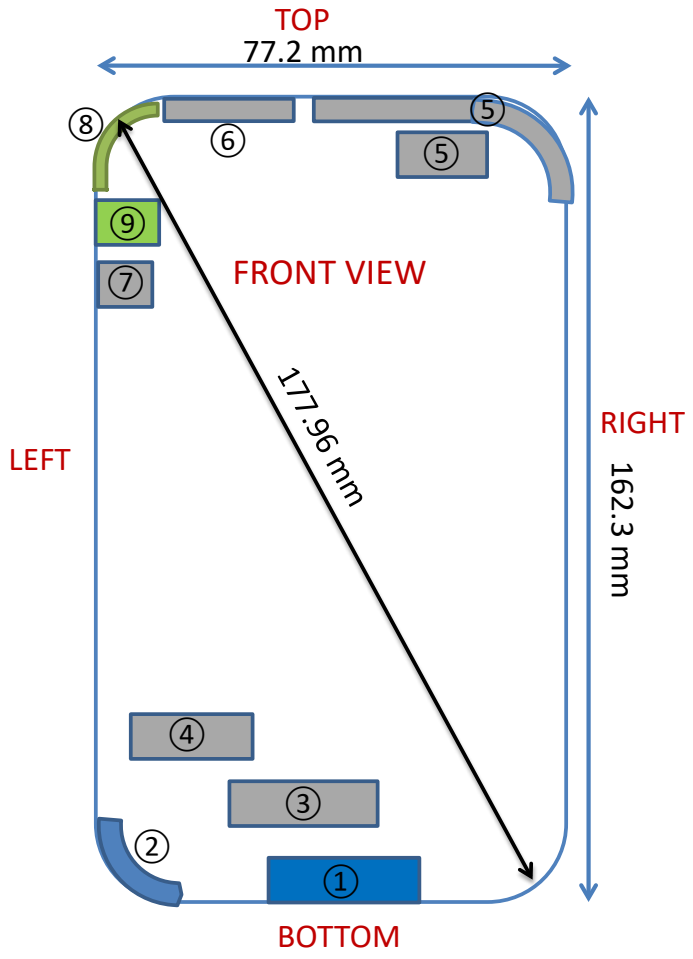


① Main Band Antenna A Tx/Rx
1. CDMA/EVDO BC0, BC10, BC1 Tx/Rx
2. GSM/GPRS/EDGE 850/1900 MHz Tx/Rx
3. UMTS Band II/IV/V Tx/Rx
4. LTE Band 2/4/5/12/13/14/25/26/30/66/71 Tx/Rx
5. LTE Band 29 Rx Only

② Main Band Antenna B Tx/Rx
1. LTE Band 7/38/41/48 Tx/Rx
2. LTE Band 2/4/25/66 Rx Only (4x4 DL MIMO)

③ Sub Antenna C Rx Only
1. LTE Band 7/30/41 Rx Only (4x4 DL MIMO)

④ Sub Antenna D Rx Only
1. LTE Band 48 Rx Only (4x4 DL MIMO)

⑤ Sub Antenna E Rx Only
1. CDMA/EVDO BC0, BC10 Rx Only
2. GSM/GPRS/EDGE 850 MHz Rx Only
3. UMTS Band V Rx Only
4. LTE Band 5/12/13/14/26/29/48/71 Rx Only
5. LTE Band 2/4/7/25/30/41/66 Rx Only (4x4 DL MIMO)

⑥ Sub Antenna F Rx Only
1. GSM/GPRS/EDGE 1900 MHz Rx Only
2. CDMA/EVDO BC1 Rx Only
3. UMTS B2/4 Rx Only
4. LTEB2/4/7/25/30/38/41/66 Rx Only
5. GPS Rx Only

⑦ Sub Antenna G Rx Only
1. LTE Band 48 Rx Only (4x4 DL MIMO)

⑧ WIFI Antenna I Tx/Rx
1. 2.4/5 GHz WIFI Tx/Rx
2. BT/ANT+ Tx/Rx
3. LTE Band 46 (LAA) Rx Only

⑨ WIFI Antenna II Tx/Rx
1. 2.4/5 GHz WIFI Tx/Rx
2. LTE Band 46 (LAA) 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**


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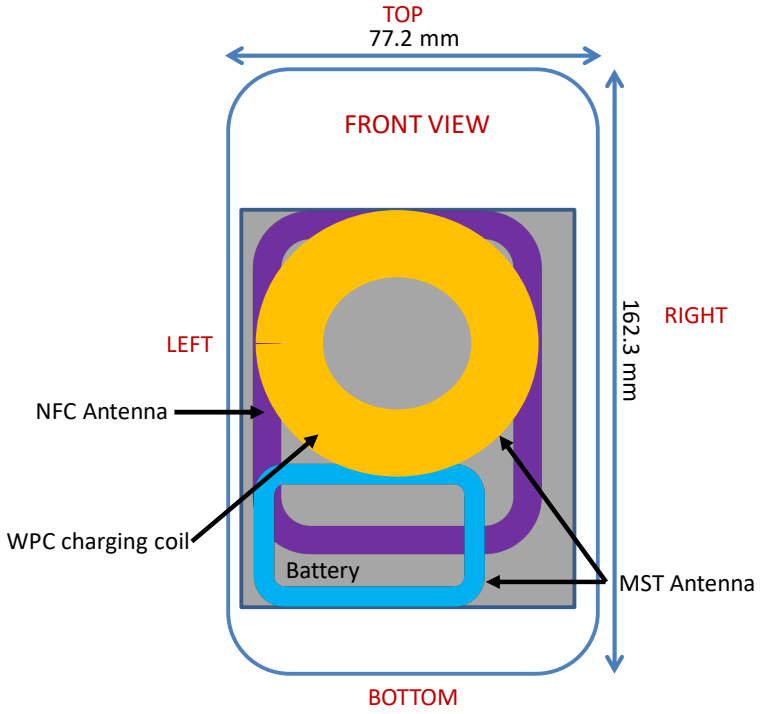


**Figure F-2**
**WPC Charging Coil, NFC/MST Antenna Locations**


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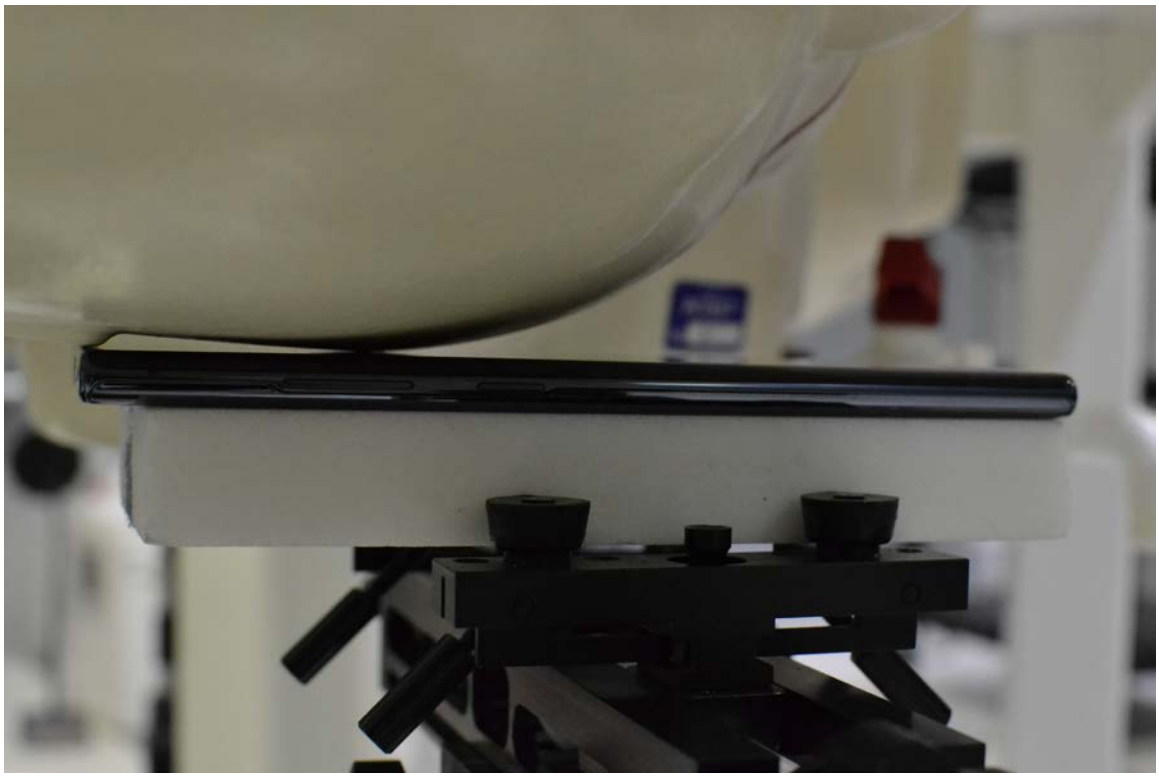
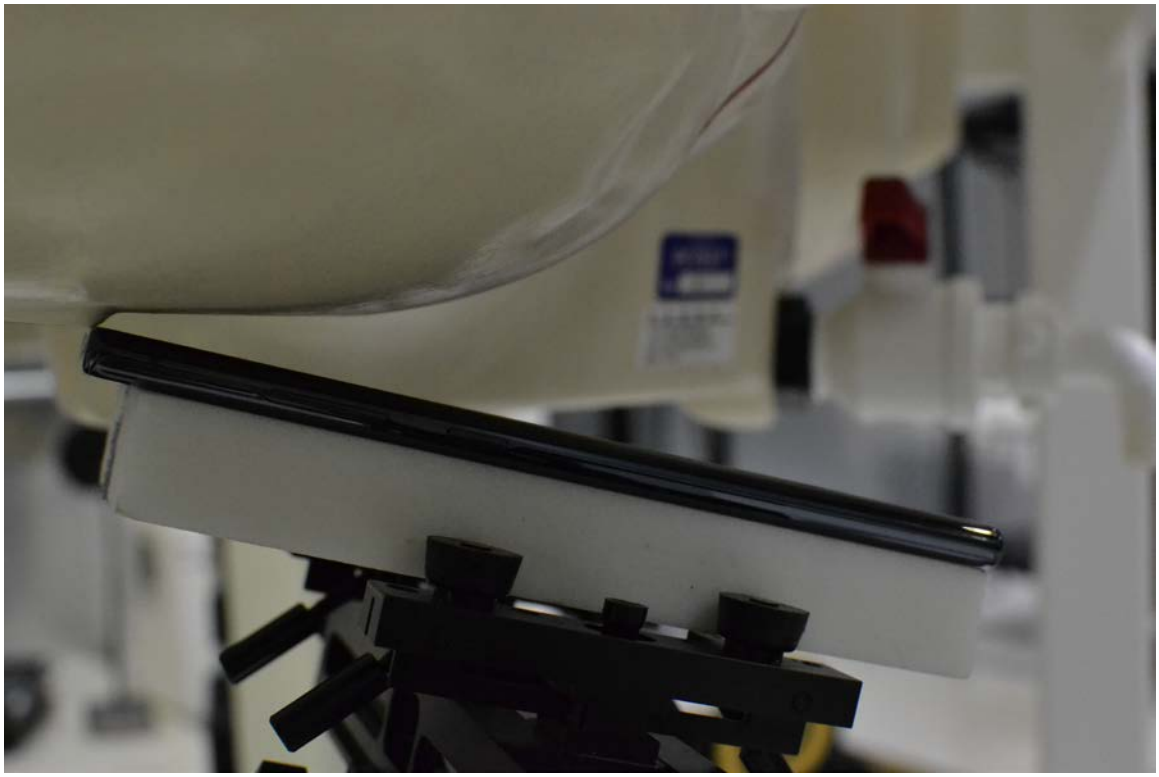


**SAR Test Setup Photo 1 – Right Cheek**



**SAR Test Setup Photo 2 – Right Tilt**



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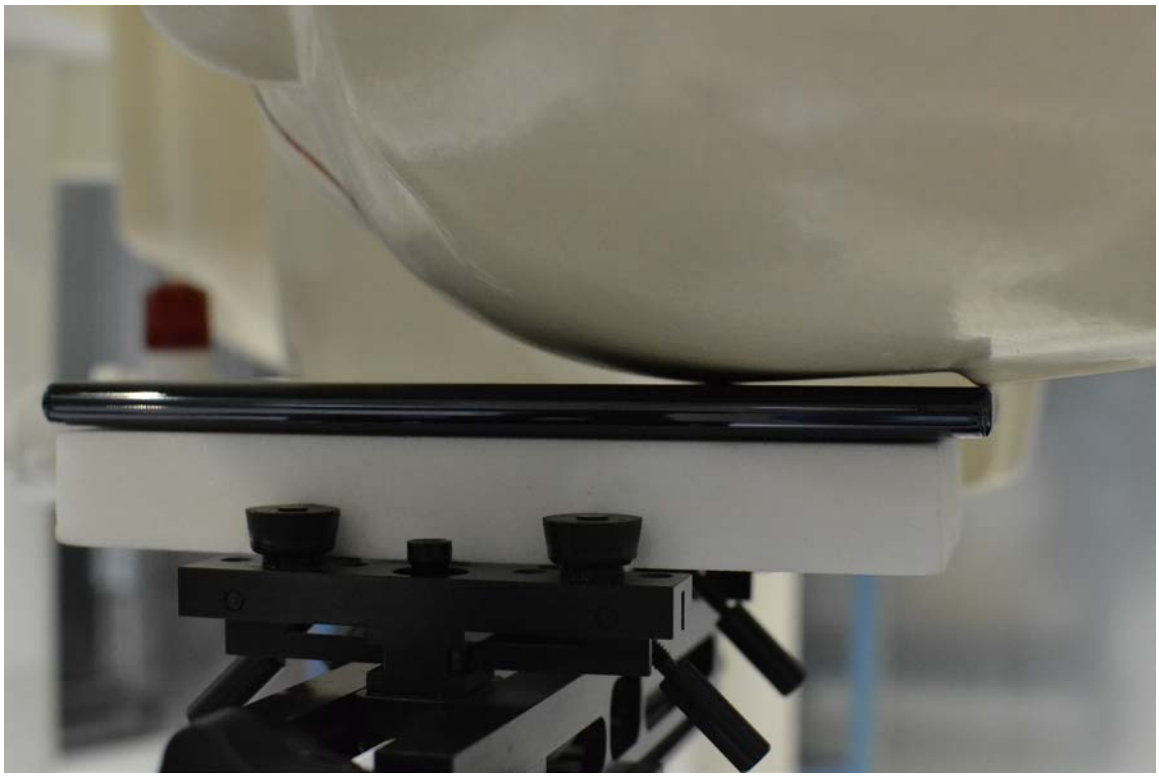
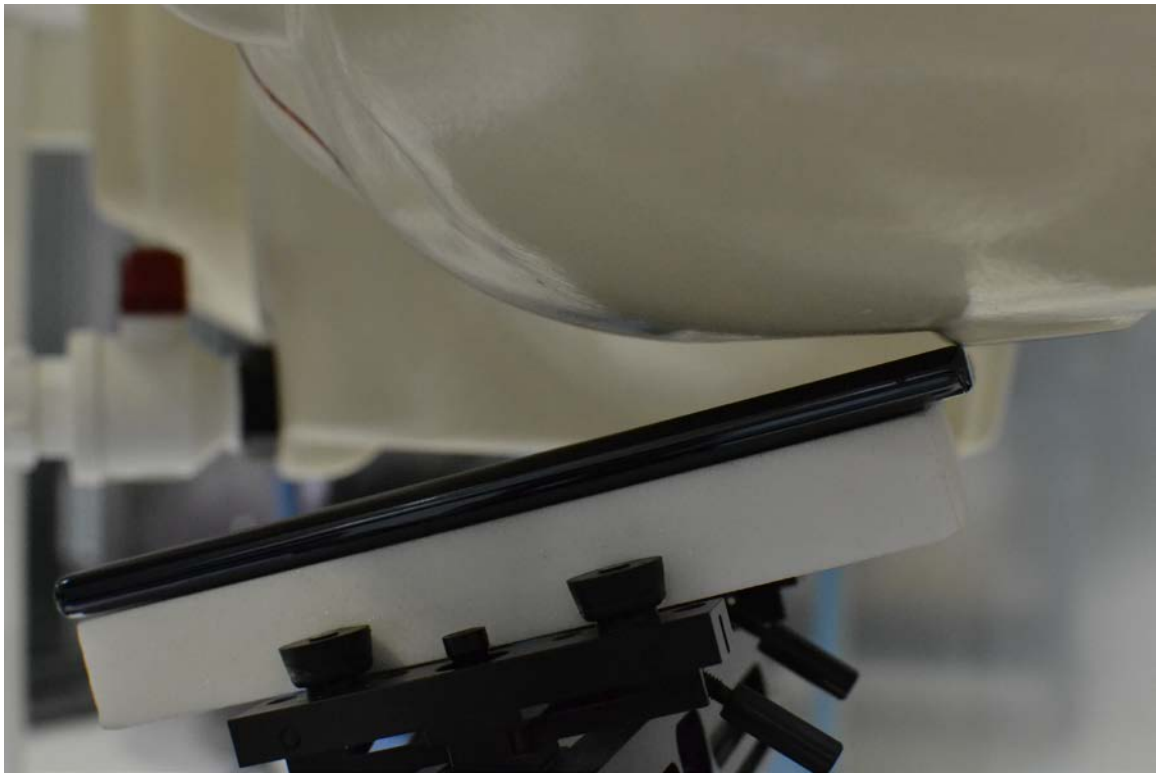


**SAR Test Setup Photo 3 – Left Cheek**



**SAR Test Setup Photo 4 – Left Tilt**



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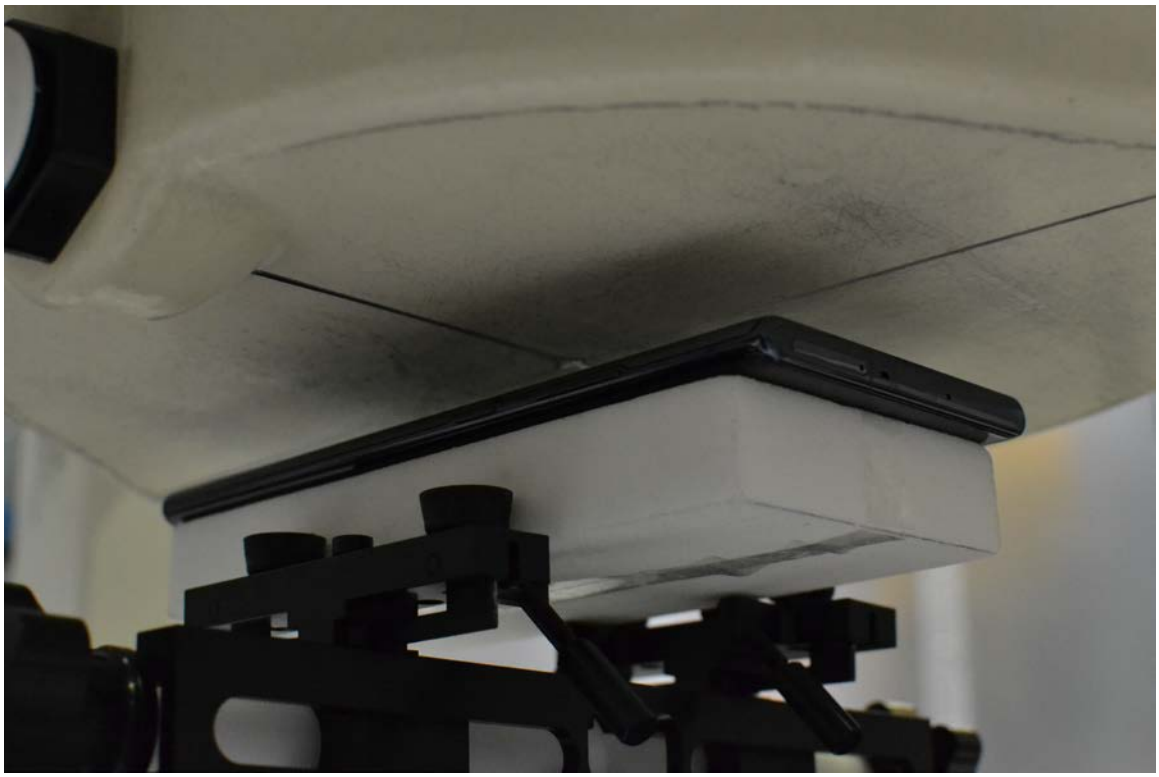

**SAR Test Setup Photo 5 – Back Side at 15 mm**

**SAR Test Setup Photo 6 – Back Side at 10 mm**



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**SAR Test Setup Photo 7 – Back Side at 8 mm**

**SAR Test Setup Photo 8 – Back Side at 0 mm**



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**SAR Test Setup Photo 9 – Front Side at 10 mm**

**SAR Test Setup Photo 10 – Front Side at 6 mm**



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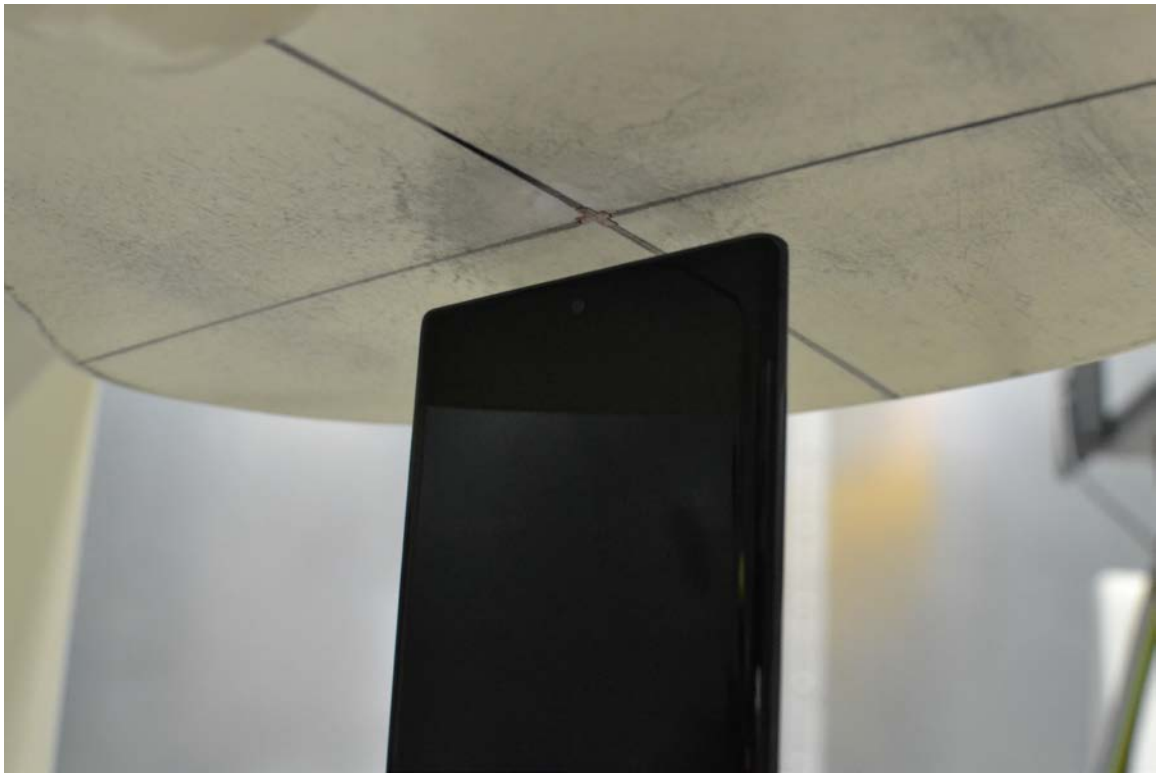
**SAR Test Setup Photo 11 – Front Side at 0 mm**



**SAR Test Setup Photo 12 – Top Side at 10 mm**



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**SAR Test Setup Photo 13 – Top Side at 0 mm**

**SAR Test Setup Photo 14 – Bottom Side at 11 mm**



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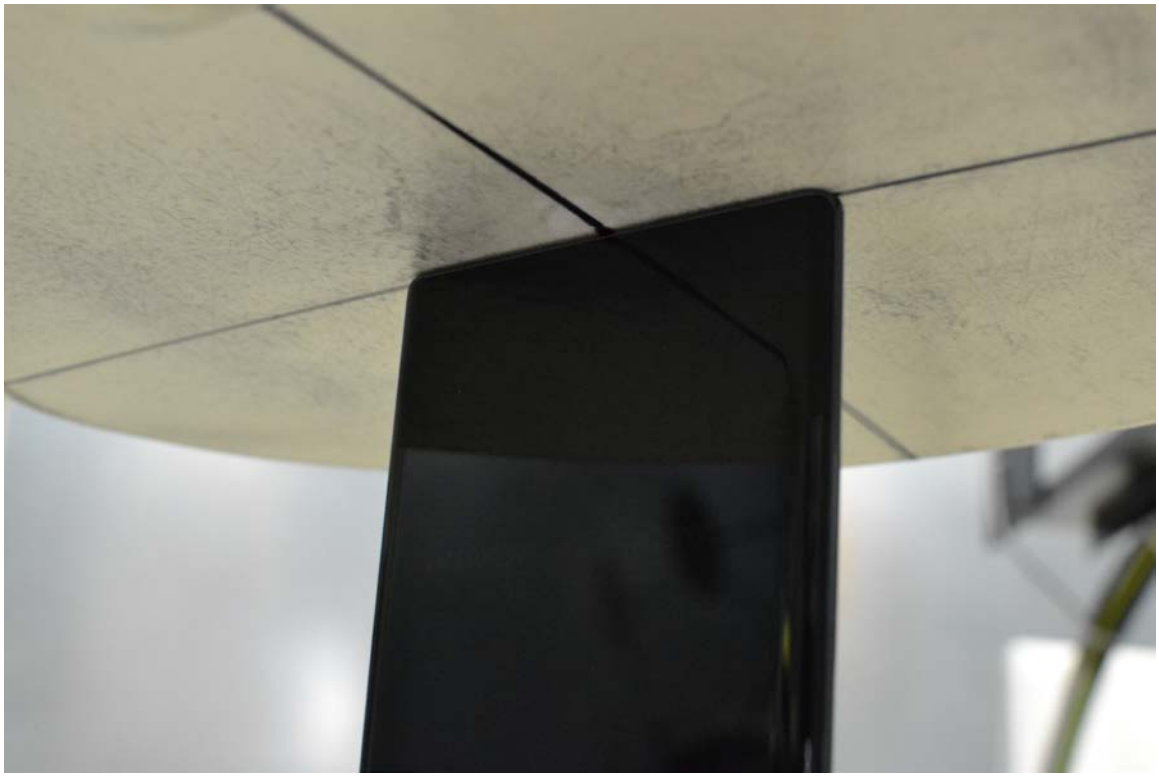
**SAR Test Setup Photo 15 – Bottom Side at 10 mm**



**SAR Test Setup Photo 16 – Bottom Side at 0 mm**



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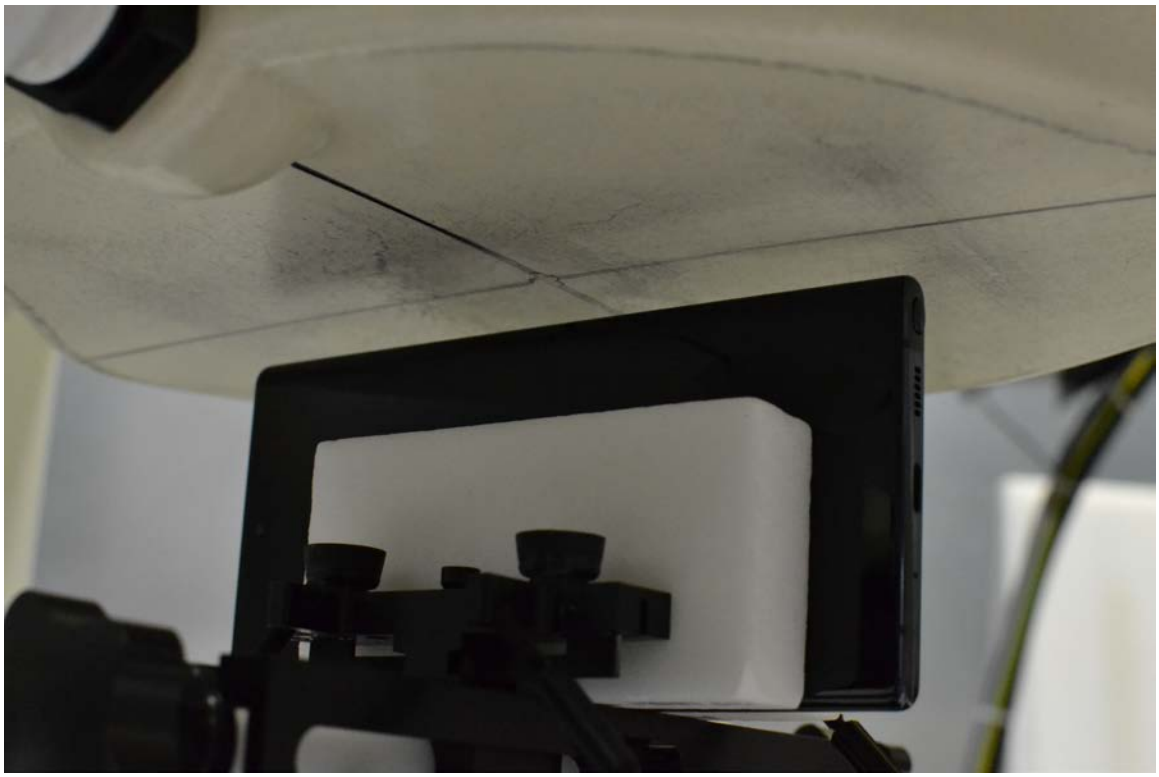
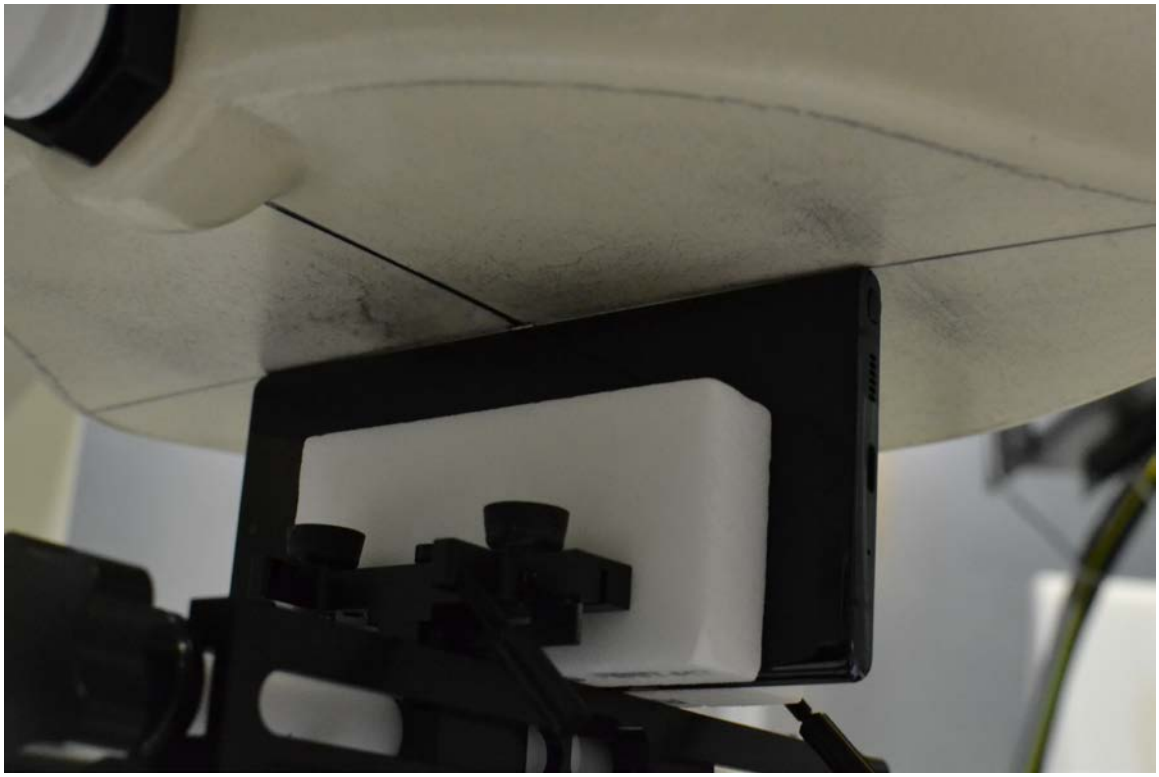


**SAR Test Setup Photo 17 – Right Side at 10 mm**



**SAR Test Setup Photo 18 – Right Side at 0 mm**



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**SAR Test Setup Photo 19 – Left Side at 10 mm**

**SAR Test Setup Photo 20 – Left Side at 0 mm**



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**SAR Test Setup Photo 21 – Vertical and Horizontal Reference Lines**


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