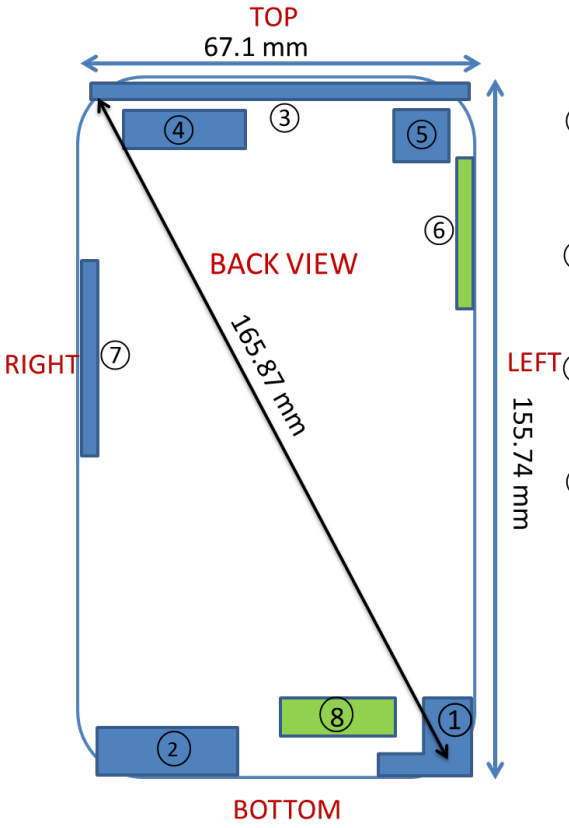
APPENDIX E: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

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



① Cellular Main 1st Antenna (Tx/Rx)
1. GSM/DTM/GPRS/EDGE 850 MHz
2. UMTS Band V
3. LTE Band 12/17/13/5
4. LTE Band 29 Rx Only

② Cellular Main 2nd Antenna (Tx/Rx)
1. GSM/DTM/GPRS/EDGE 1900 MHz
2. UMTS Band II/IV
3. LTE Band 66/4/25/2/41

③ Cellular Sub Antenna (Rx)
1. LTE Band 4/25/41/48/29/71
2. UMTS Band II/IV/V
3. GSM/DTM/GPRS/EDGE 850/1900 MHz

④ Cellular 3rd Antenna (Rx)
1. LTE Band 66/4/2/41

⑤ Cellular 4th Antenna (Rx)
1. LTE Band 2/4/66/41

⑥ WLAN MAIN+ Antenna (Tx/Rx)
1. 2.4 GHz WIFI Chain 0
2. 5 GHz WIFI Chain 0
3. 2.4 GHz Bluetooth Chain 0
4. GPS Rx Only
5. LTE Band 5/46 Rx Only

⑦ Cellular 4th – LB (Rx)
1. LTE Band 5 Rx Only

⑧ Wifi Sub/BT Div (Tx/Rx)
1. 2.4 GHz WIFI Chain 1
2. 5 GHz WIFI Chain 1
3. 2.4 GHz Bluetooth Chain 1
4. LTE Band 46 Rx Only

Figure E-1
DUT Antenna Locations

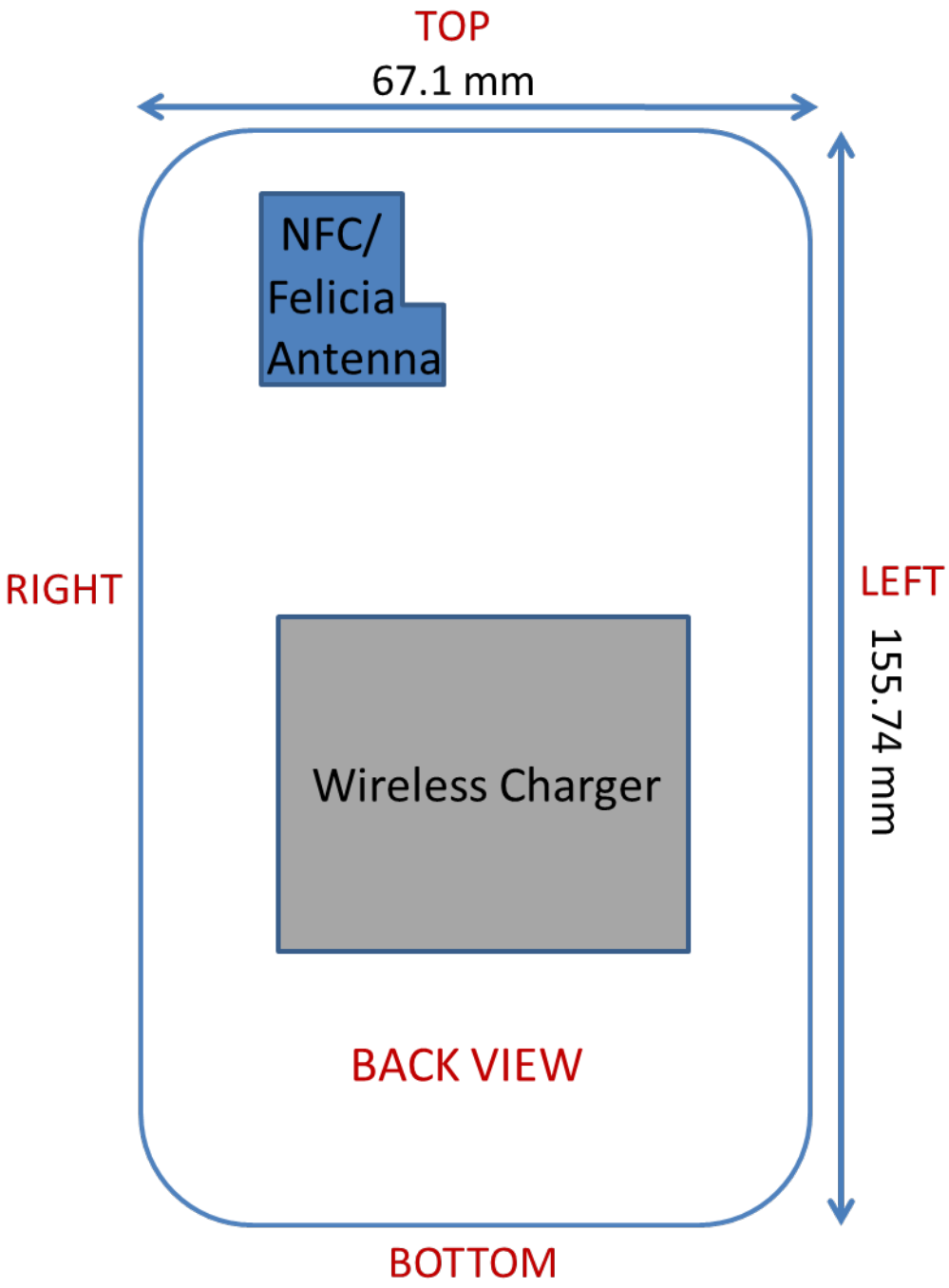
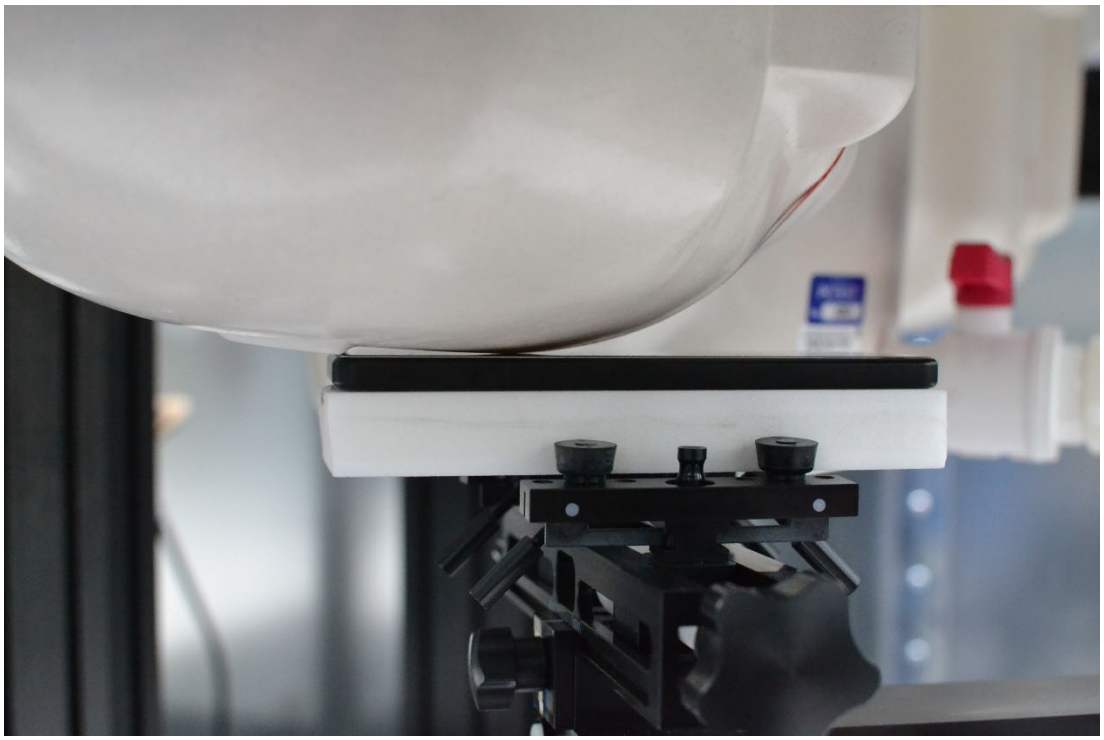
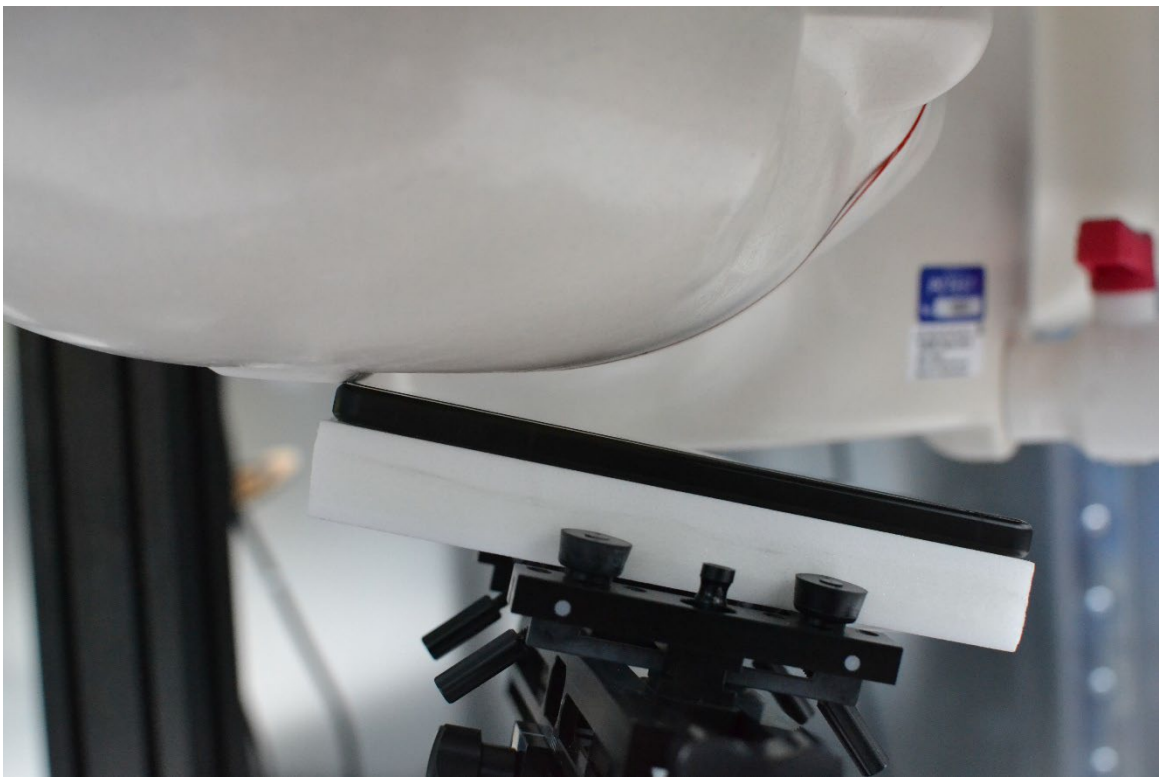


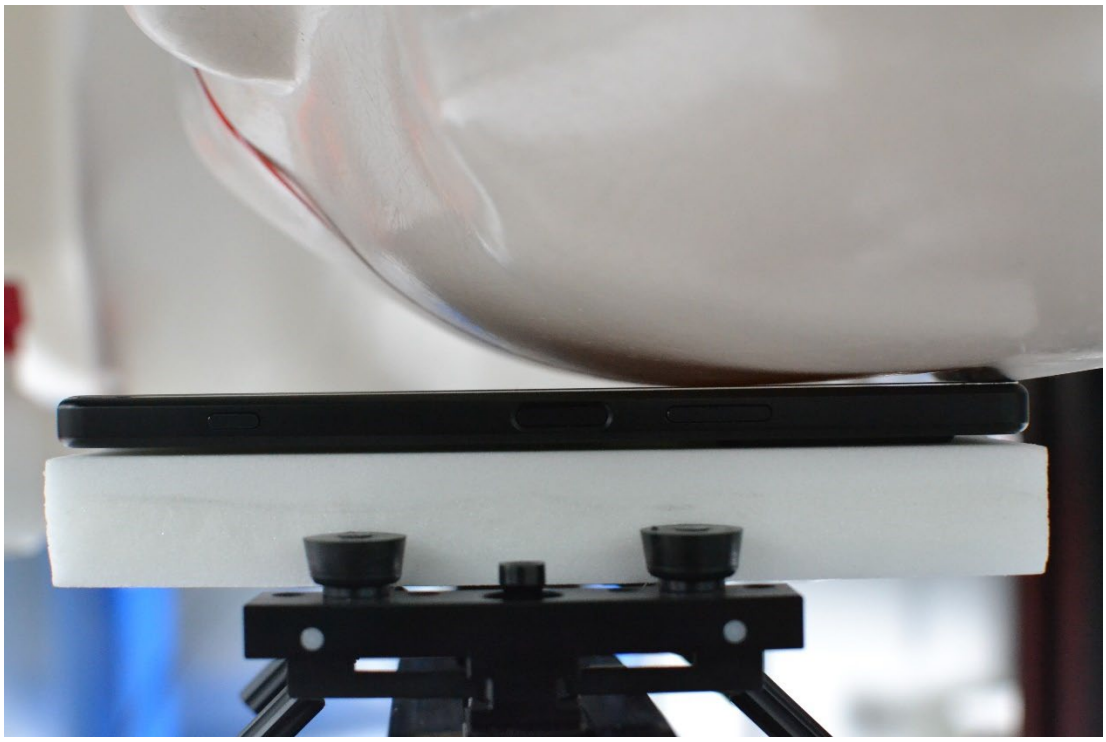
Figure E-2
NFC Antenna Locations



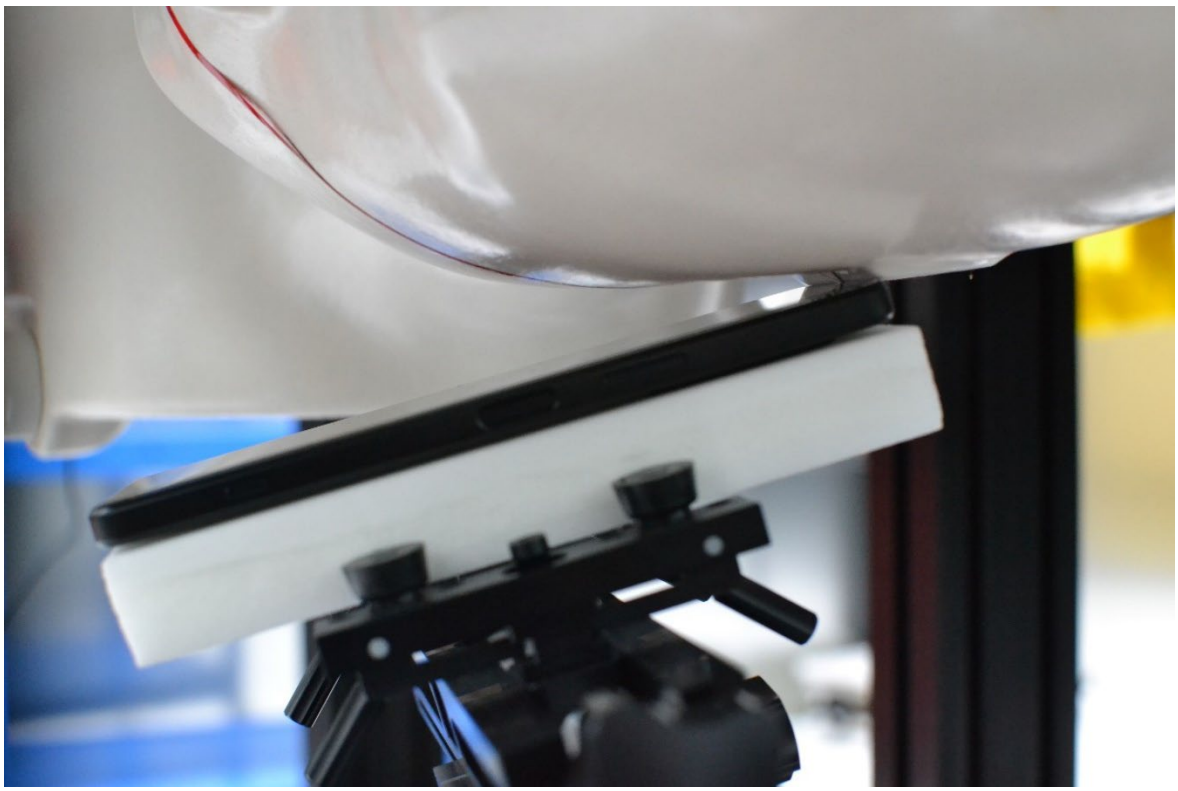
SAR Test Setup Photo 1 – Head, Right Cheek at 0mm



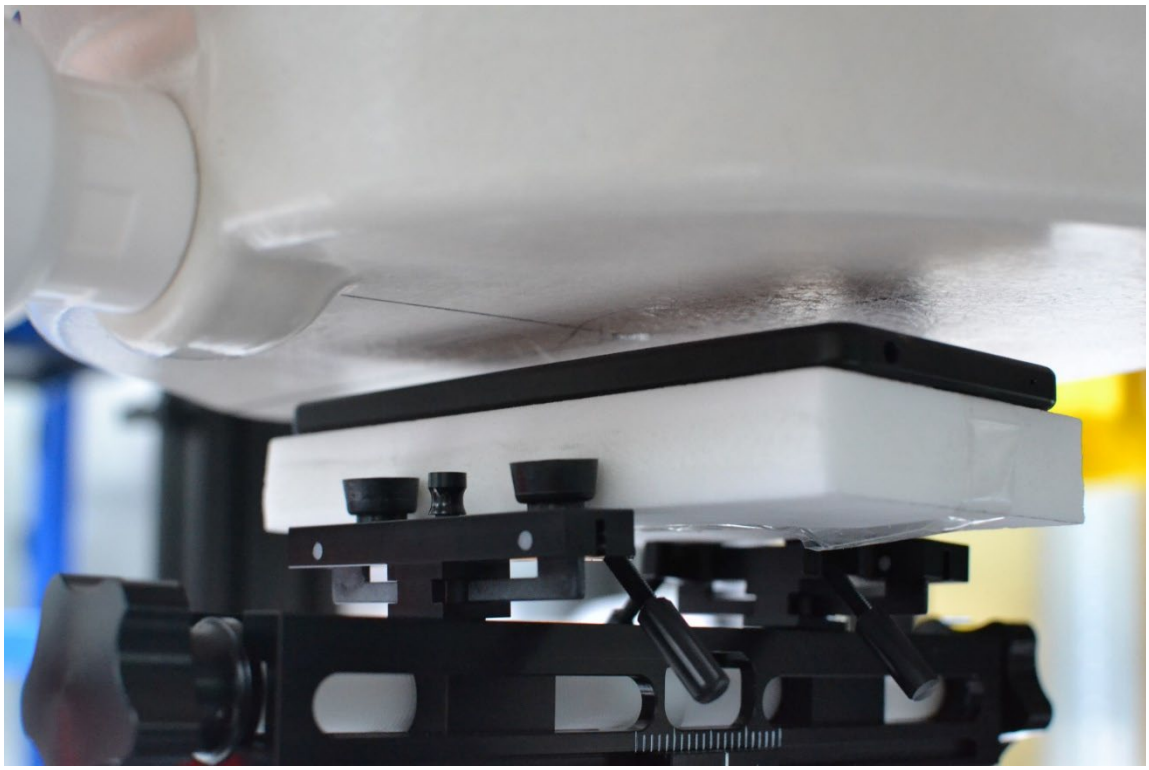
SAR Test Setup Photo 2 – Head, Right Tilt at 0mm



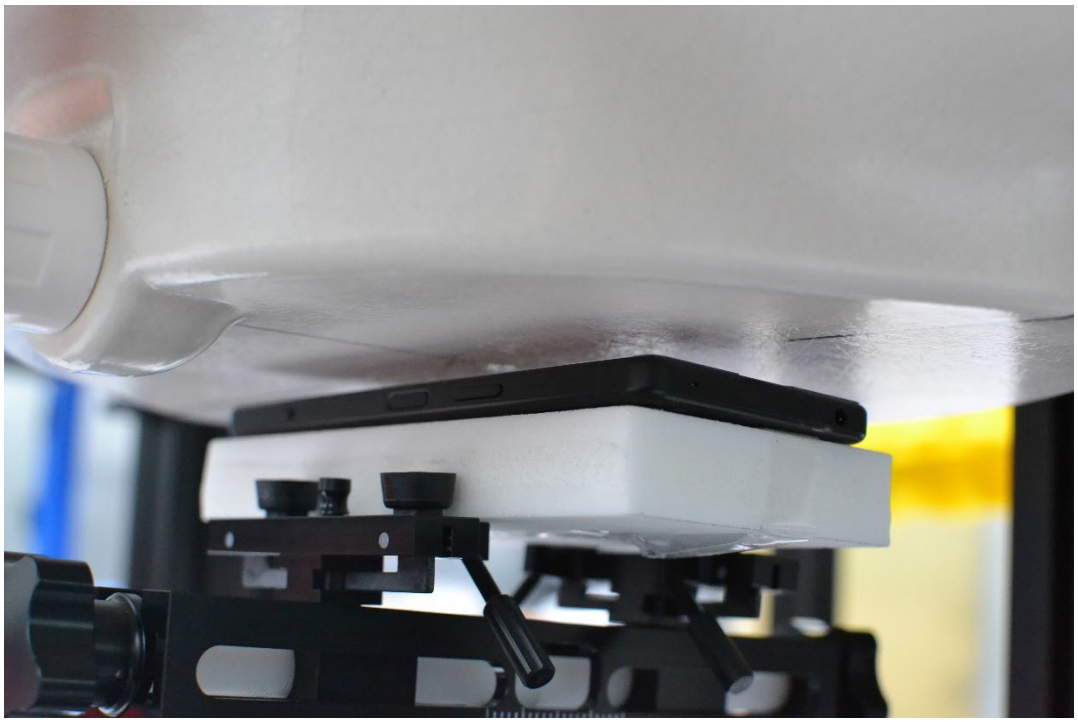
SAR Test Setup Photo 3 – Head, Left Cheek at 0mm



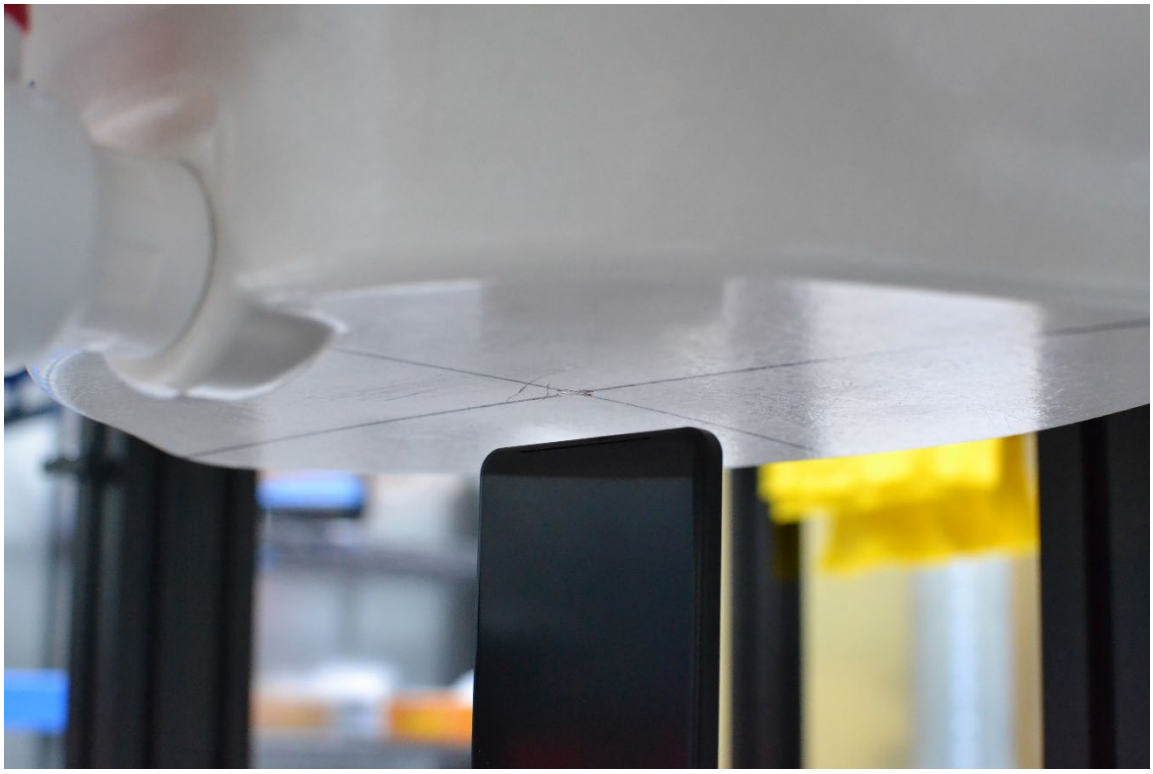
SAR Test Setup Photo 4 – Head, Left Tilt at 0mm



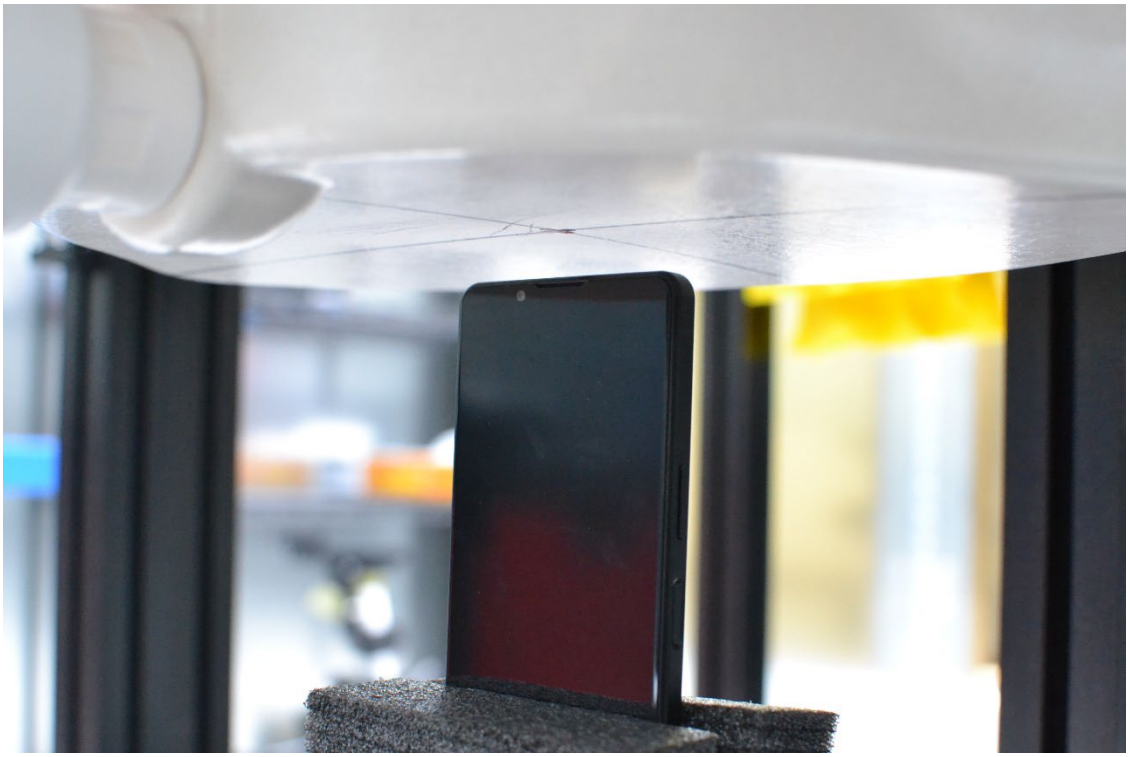
SAR Test Setup Photo 5 – Body-worn/Hotspot, Back Side at 10mm



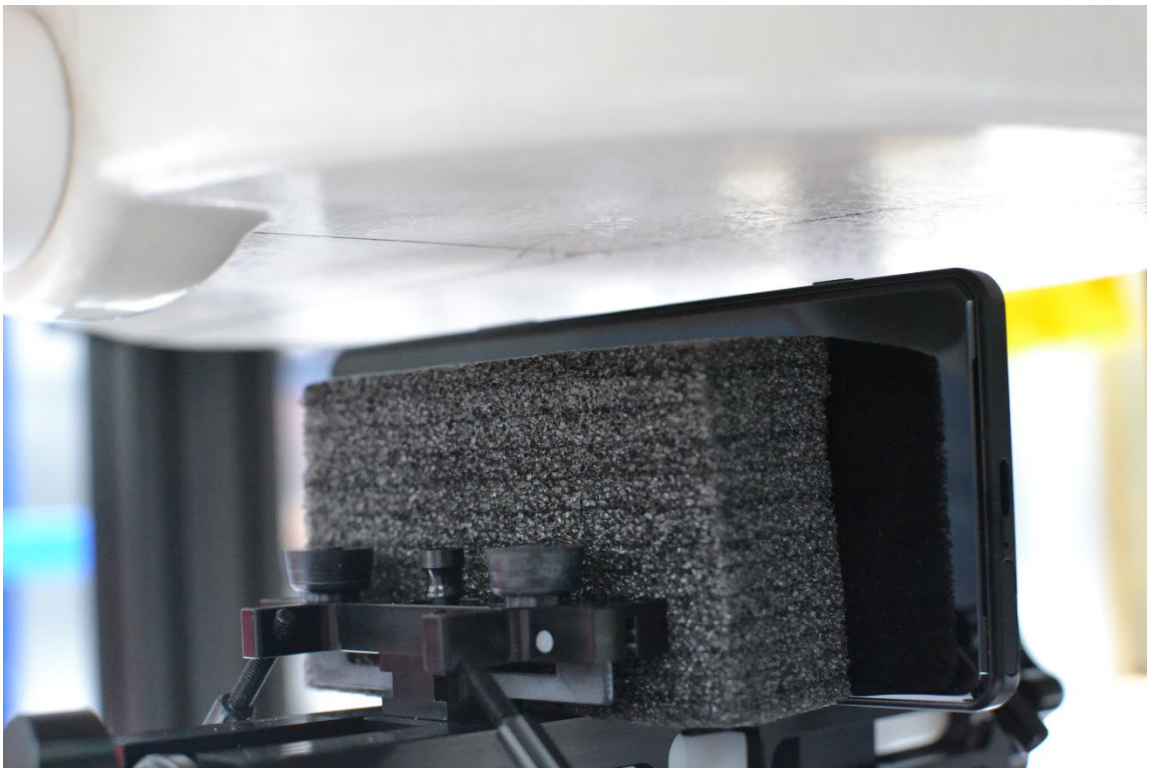
SAR Test Setup Photo 6 – Hotspot, Front Side at 10mm



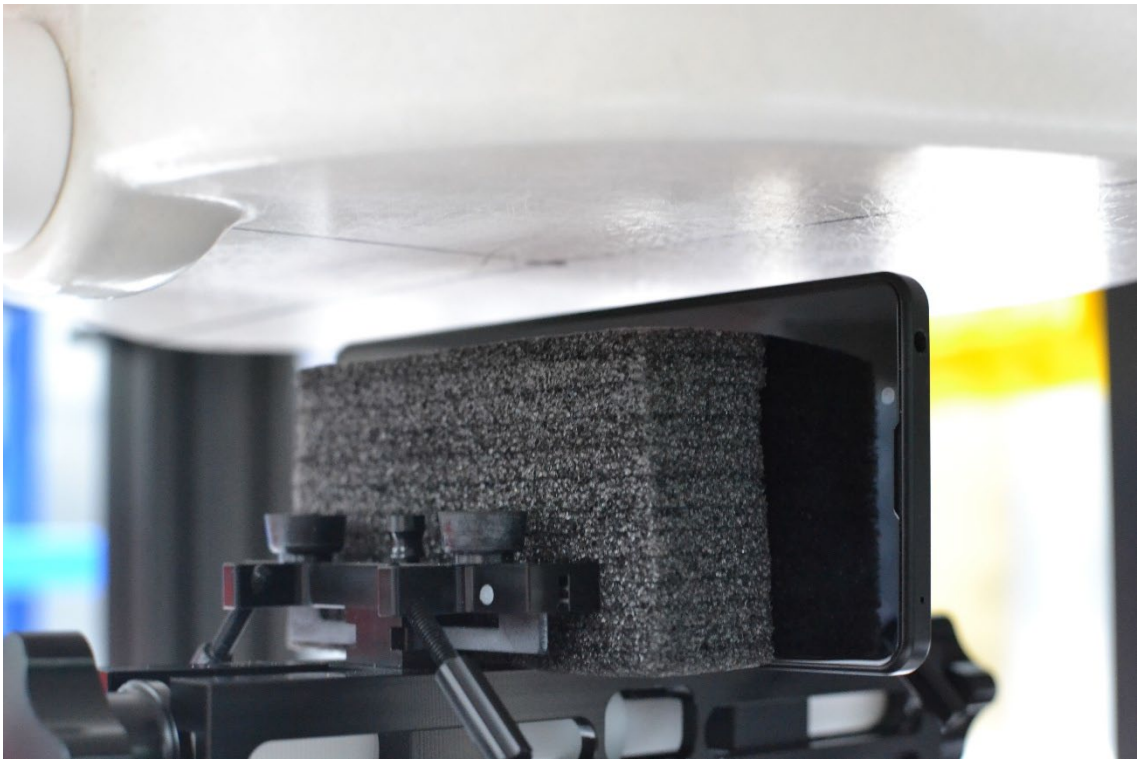
SAR Test Setup Photo 7 – Hotspot, Bottom Edge at 10mm



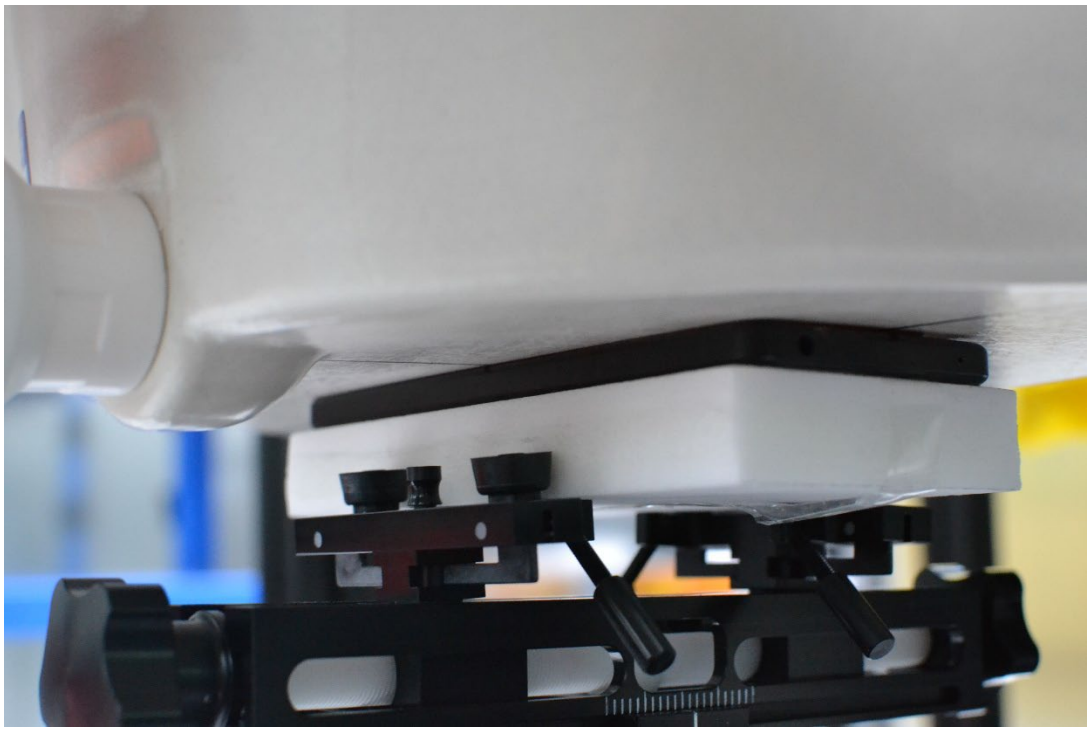
SAR Test Setup Photo 8 – Hotspot, Top Edge at 10mm



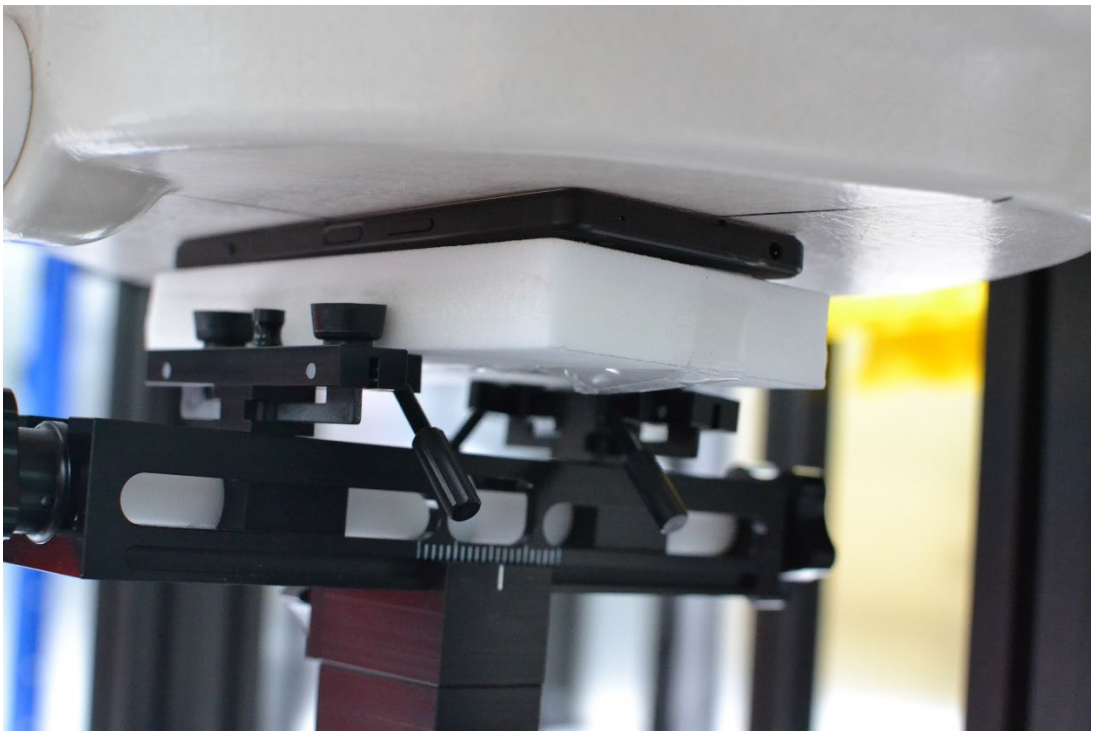
SAR Test Setup Photo 9 – Hotspot, Right Edge at 10mm



SAR Test Setup Photo 10 – Hotspot, Left Edge at 10mm

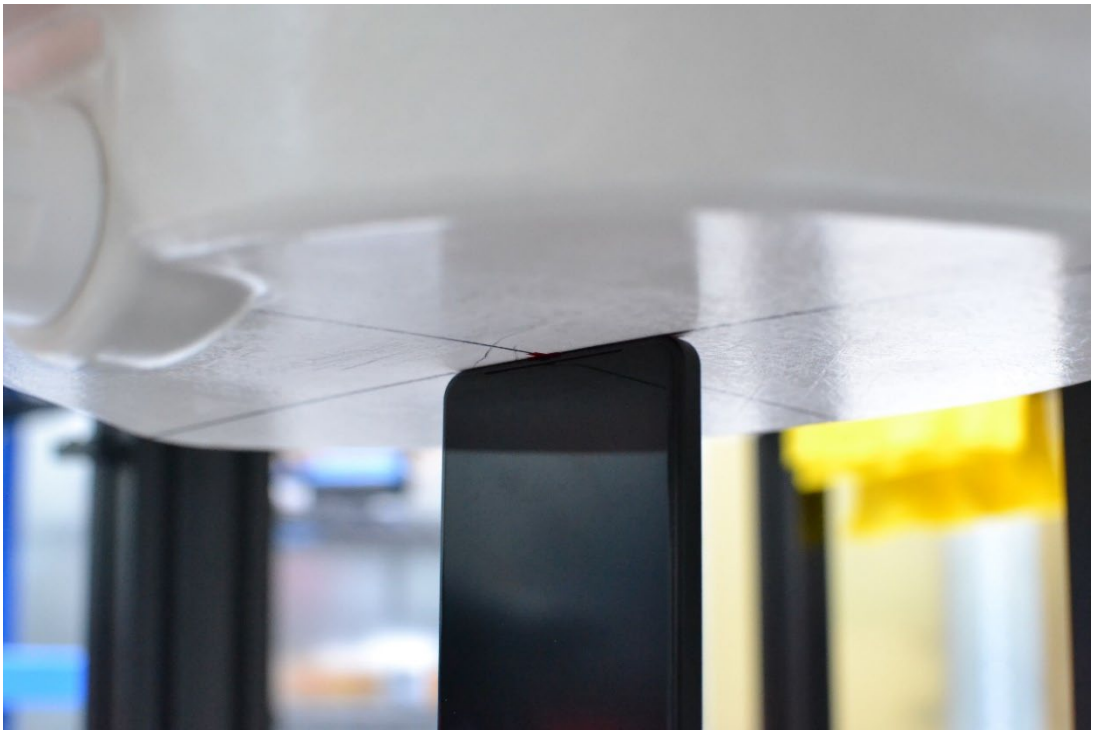


SAR Test Setup Photo 11 – Phablet, Back Side at 0mm

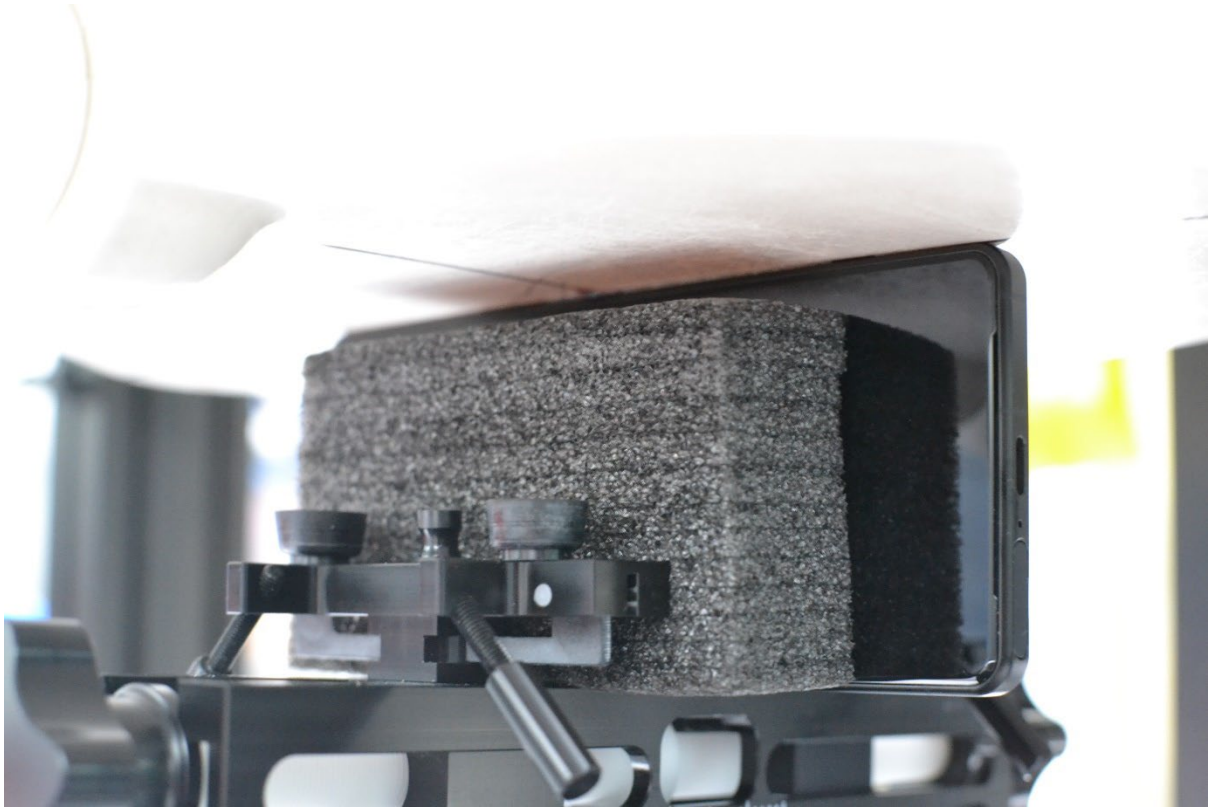


SAR Test Setup Photo 12 – Phablet, Front Side at 0mm

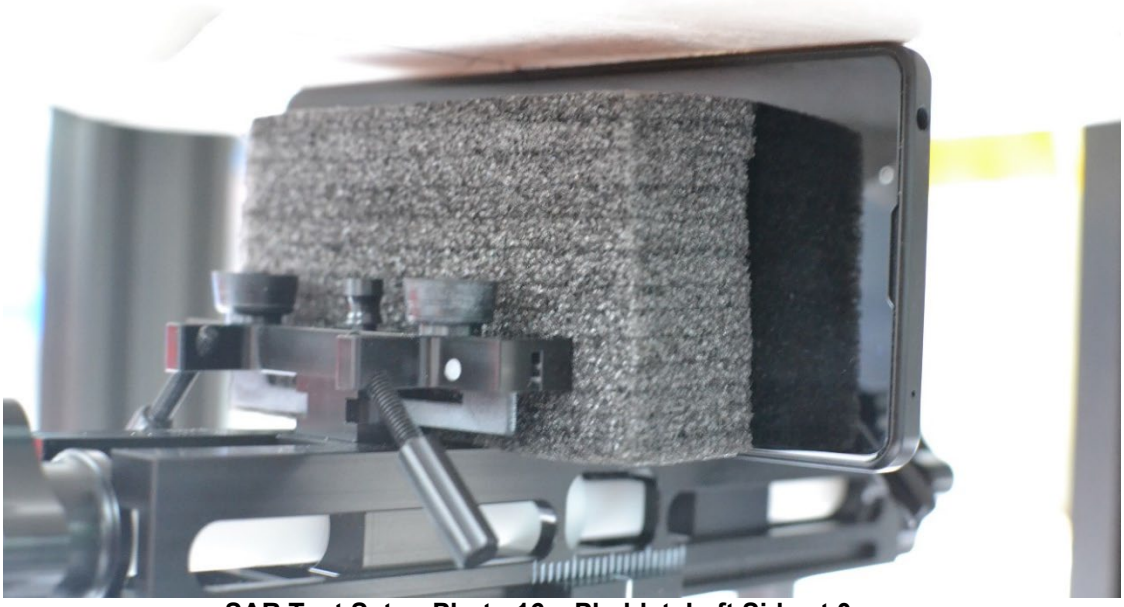
SAR Test Setup Photo 13 – Phablet, Top Side at 0mm



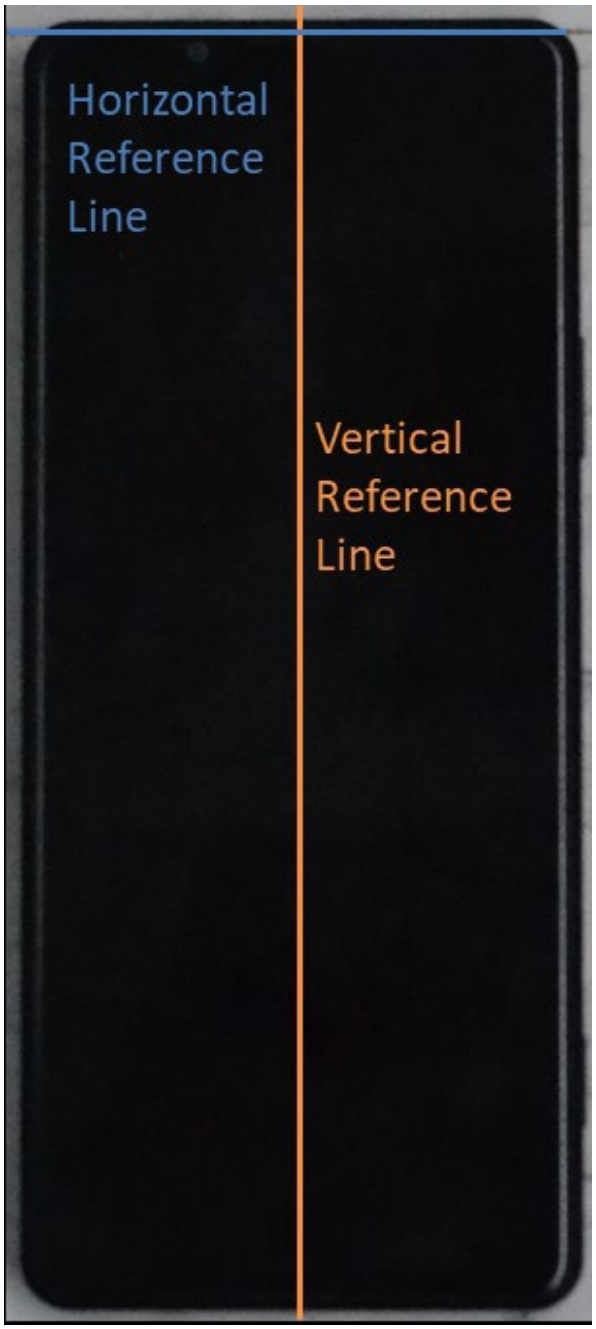
SAR Test Setup Photo 14 – Phablet, Bottom Side at 0mm



SAR Test Setup Photo 15 – Phablet, Right Side at 0mm



SAR Test Setup Photo 16 – Phablet, Left Side at 0mm



SAR Test Setup Photo 17 – Reference Lines