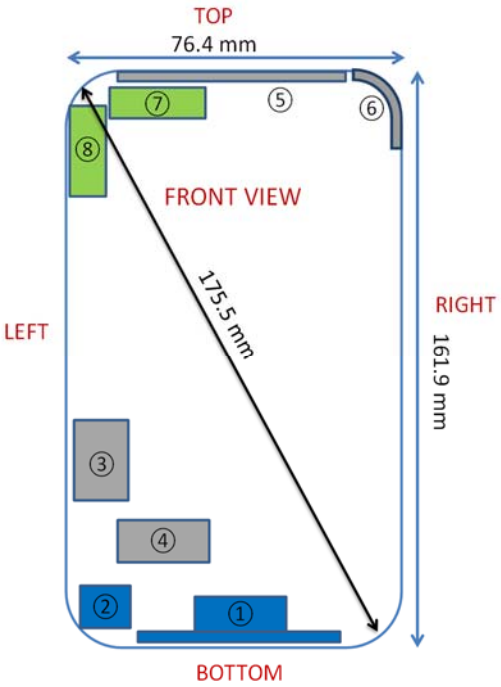
APPENDIX F: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

© PCTEST Engineering Laboratory, Inc.

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



① Main Band Antenna A Tx/Rx
1. GSM/GPRS/EDGE 850/1900 MHz
2. UMTS Band II/IV/V
3. CDMA/EVDO BC0/1/10
4. LTE Band 2/4/5/12/13/14/17/25/26/66/71
5. LTE Band 29 Rx only
6. LTE Band 7,30 CA PCC Only

② Main Band Antenna B Tx/Rx
1. LTE Band 7/30/38/41

③ Sub Antenna C Rx
1. LTE B2/4/25/66 (4x4 DL MIMO)

④ Sub Antenna D Rx
1. LTE B30/7/41 (4x4 DL MIMO)

⑤ Sub Antenna E Rx
1. GSM/GPRS/EDGE 850 Mhz
2. UMTS Band V
3. CDMA/EVDO BC0/10
4. LTE Band 5/12/13/14/17/26/29/71
5. LTE Band 2/4/7/25/30/41/66 (4x4 DL MIMO)

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

⑦ WIFI Antenna I Tx/Rx
1. 2.4 GHz WIFI
2. 5 GHz WIFI
3. LTE B46 Rx Only

⑧ WIFI/BT Antenna II Tx/RX
1. 2.4 GHz WIFI/BT
2. 5 GHz WIFI
3. Ant+
4. LTE B46 Rx Only

Figure F-1
DUT Antenna Locations

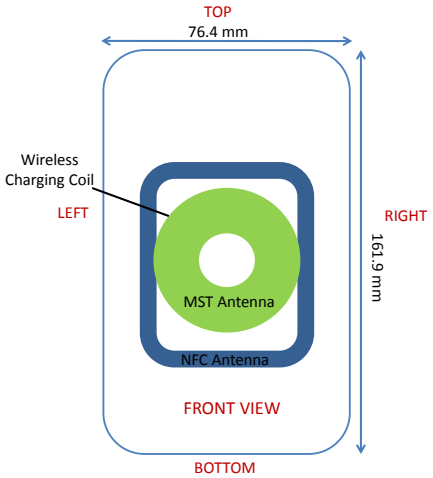
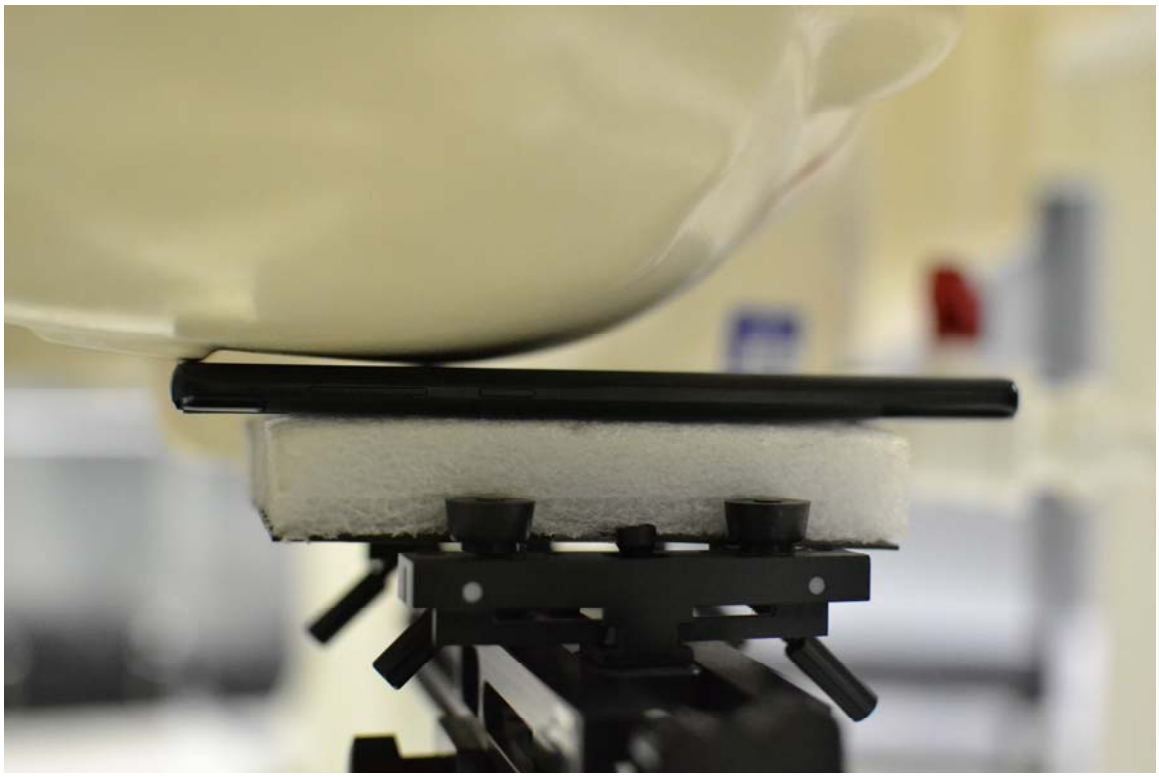
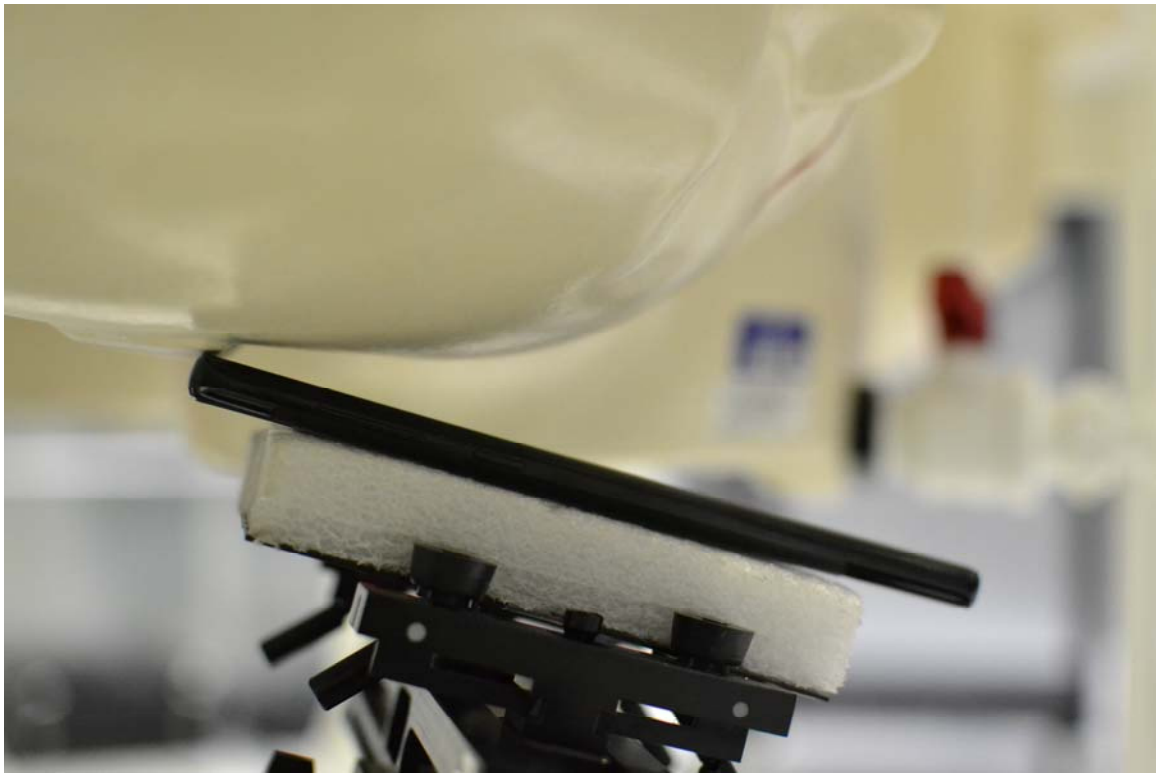


Figure F-2
NFC Antenna Locations

© PCTEST Engineering Laboratory, Inc.

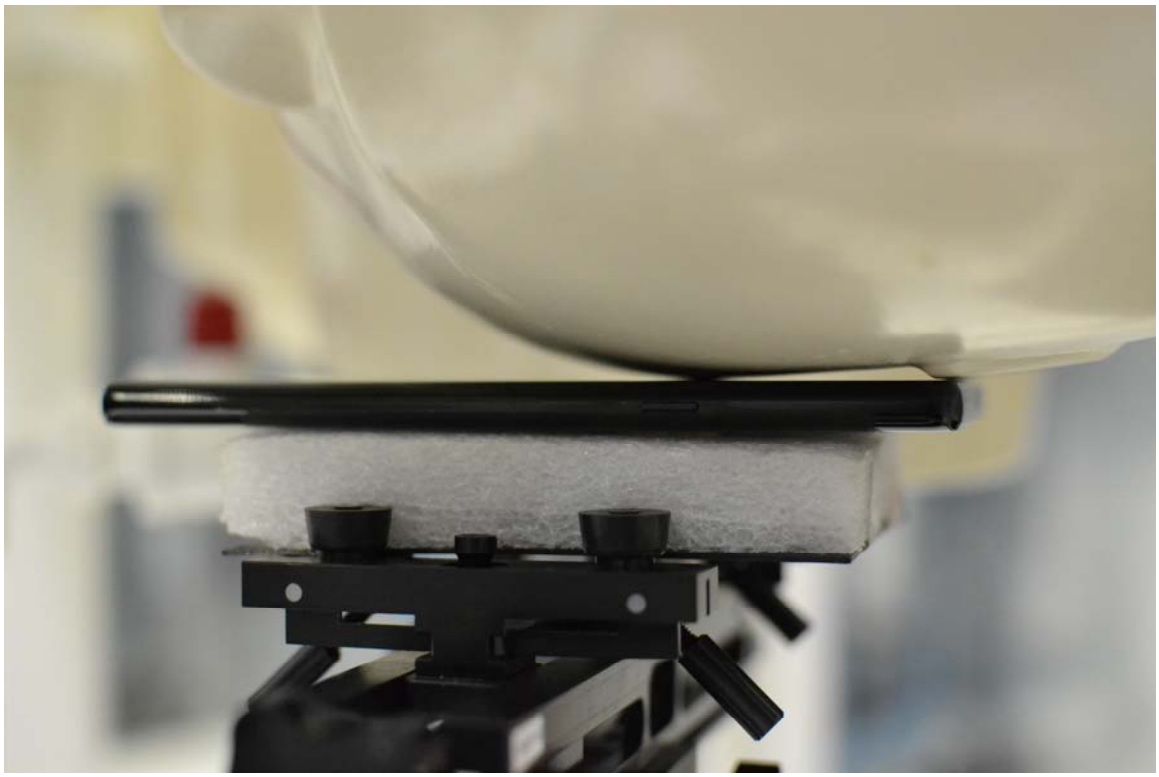


SAR Test Setup Photo 1 – Right Cheek

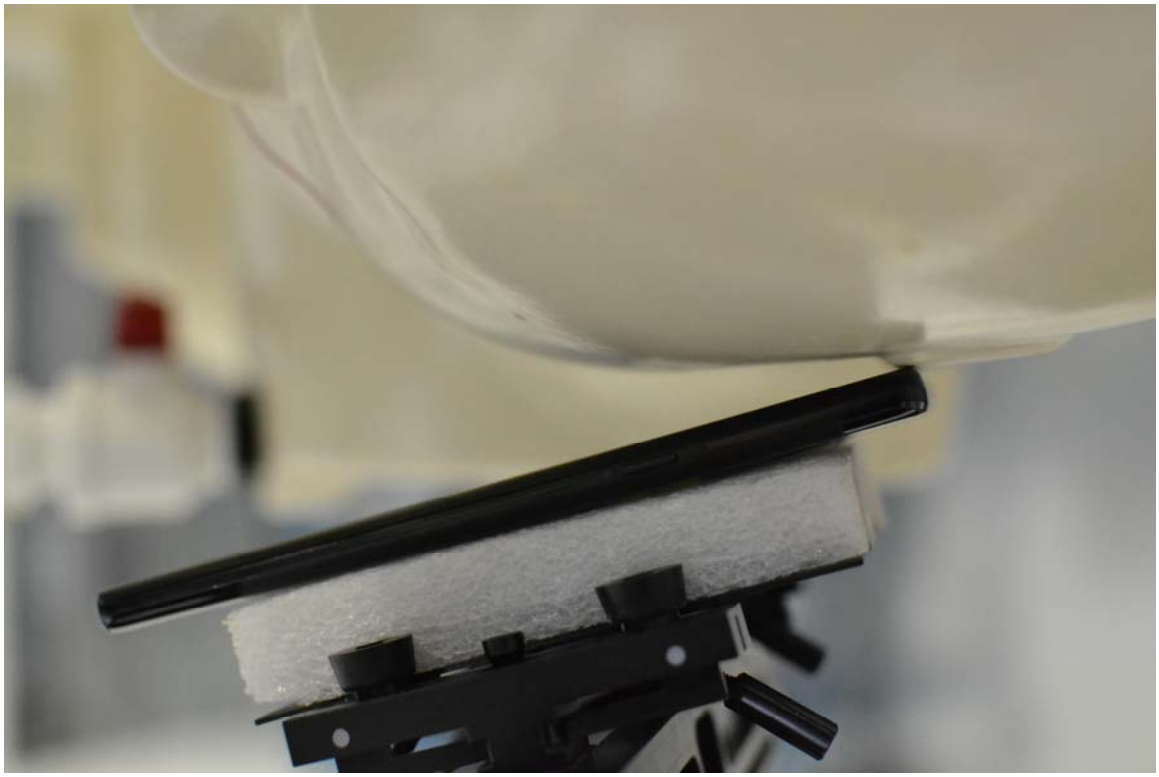


SAR Test Setup Photo 2 – Right Tilt

© PCTEST Engineering Laboratory, Inc.

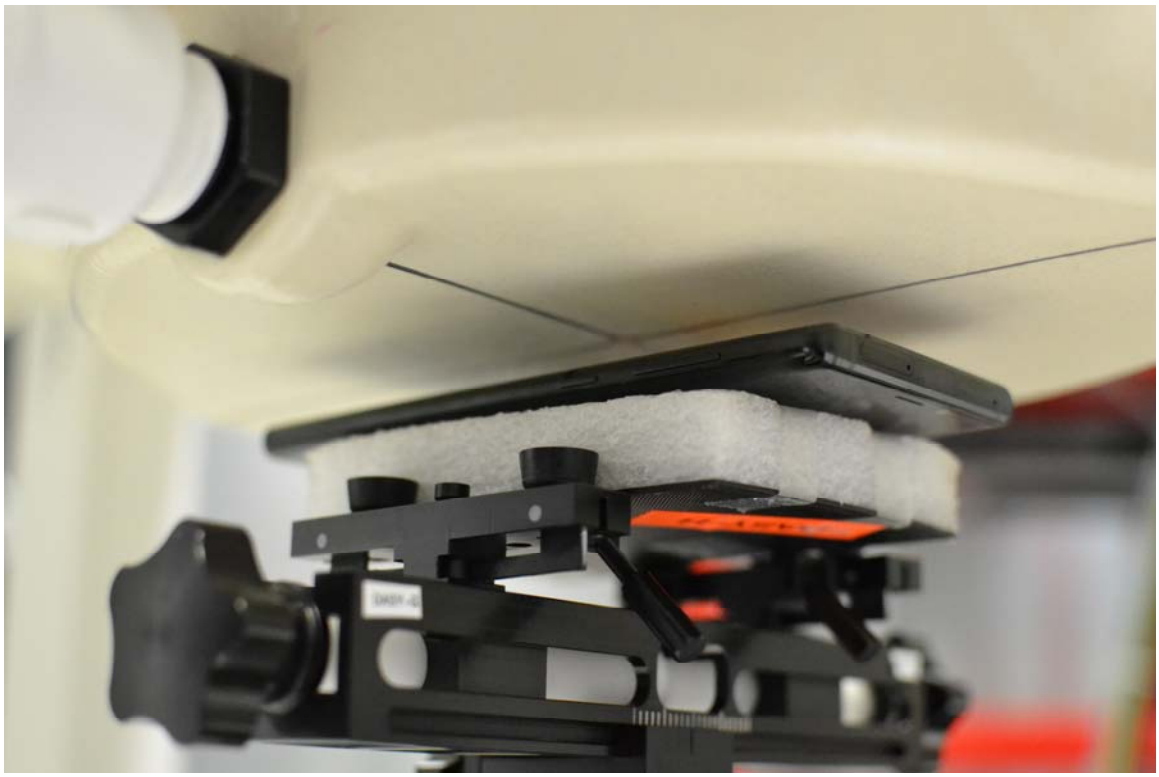


SAR Test Setup Photo 3 – Left Cheek

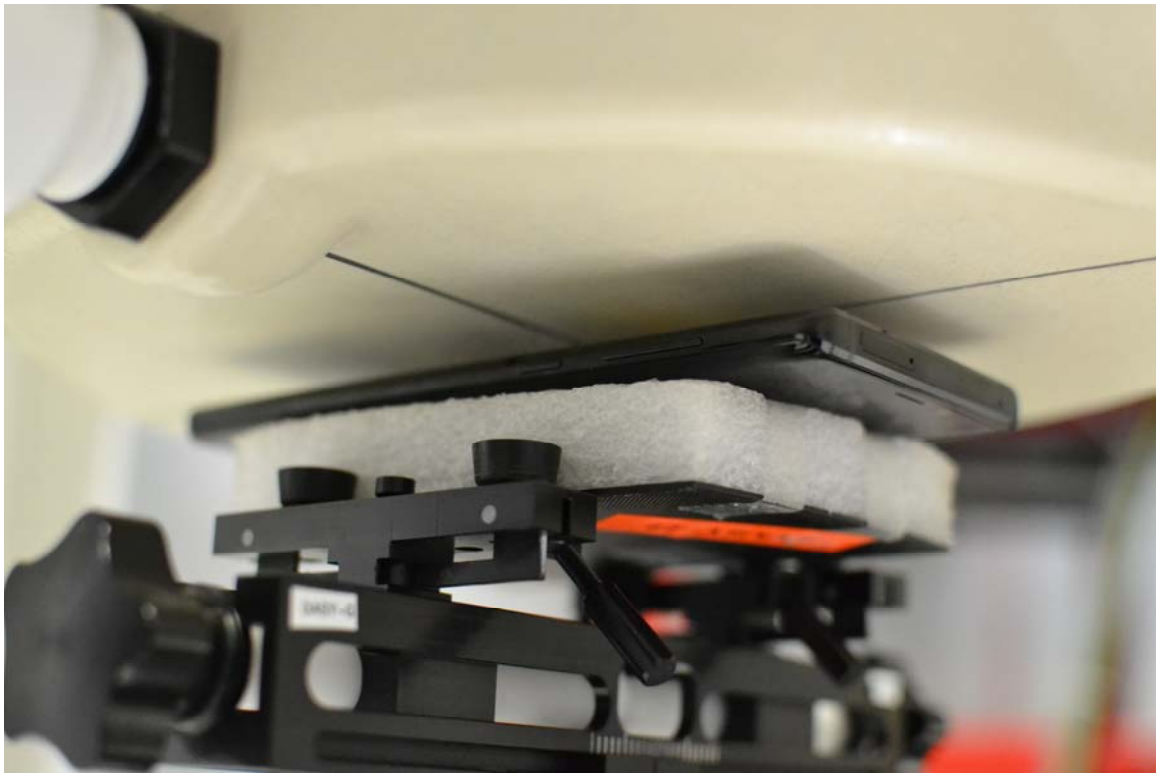


SAR Test Setup Photo 4 – Left Tilt

© PCTEST Engineering Laboratory, Inc.

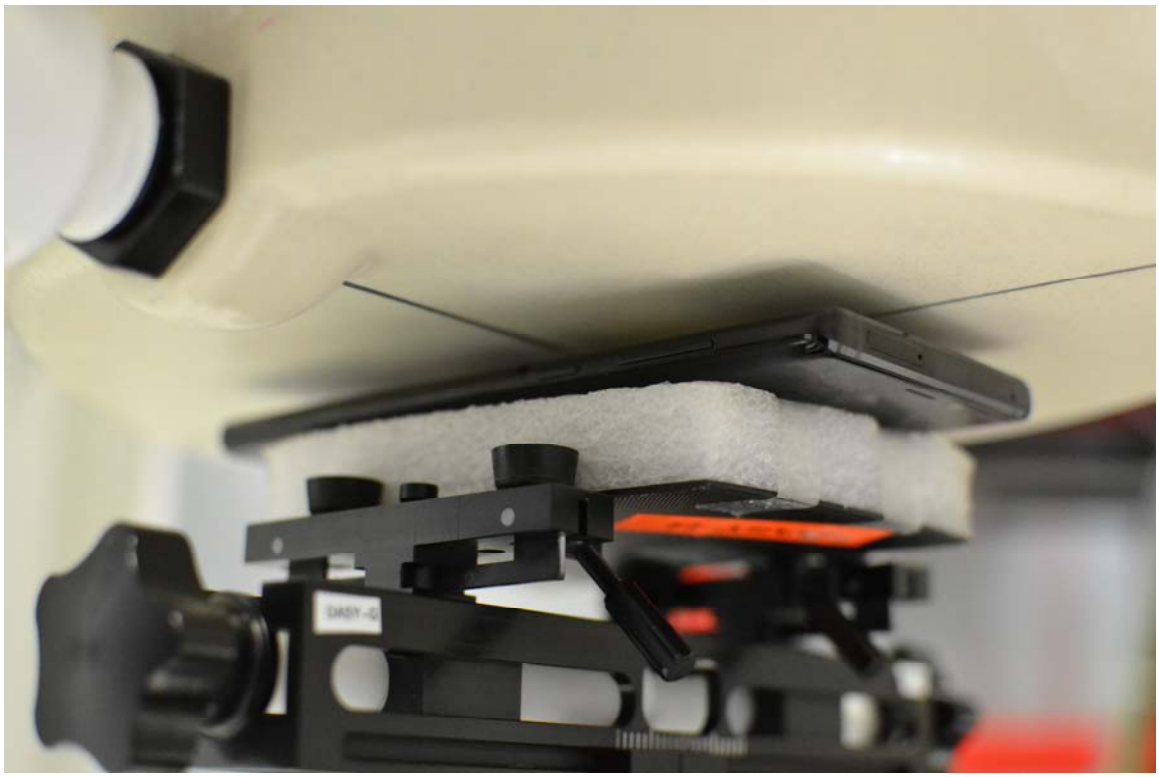


SAR Test Setup Photo 5 – Back Side at 15 mm

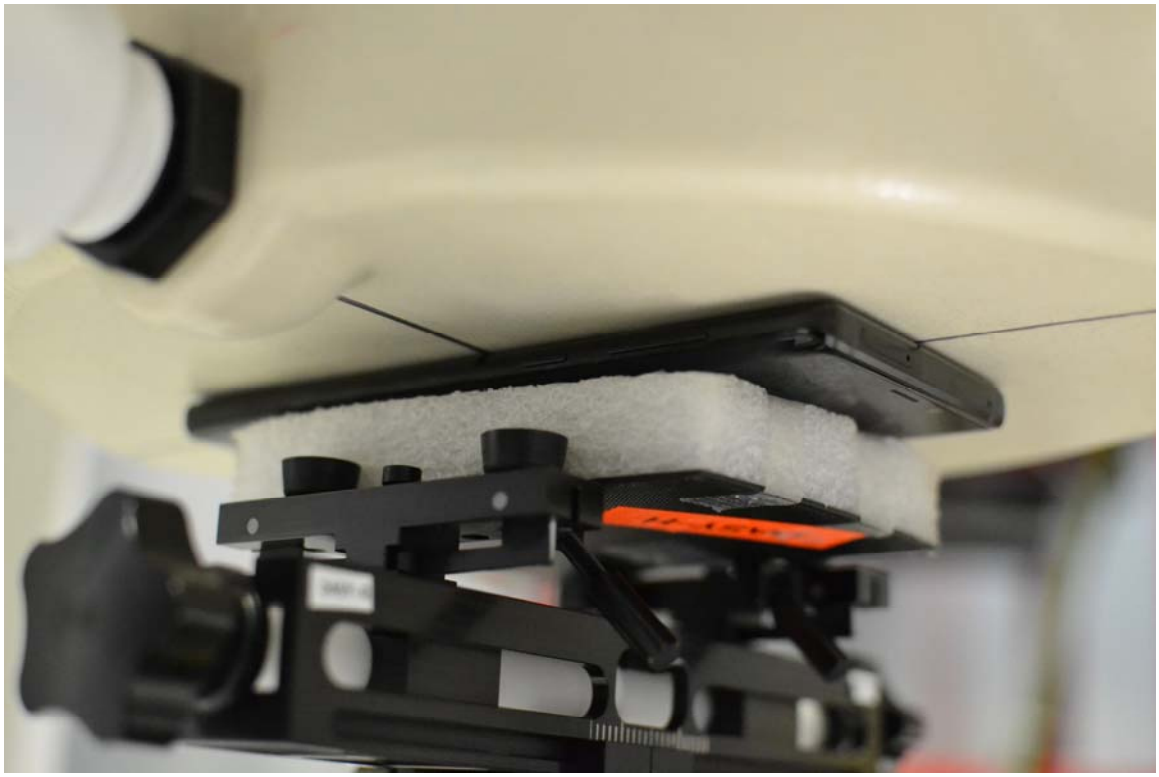


SAR Test Setup Photo 6 – Back Side at 10 mm

© PCTEST Engineering Laboratory, Inc.

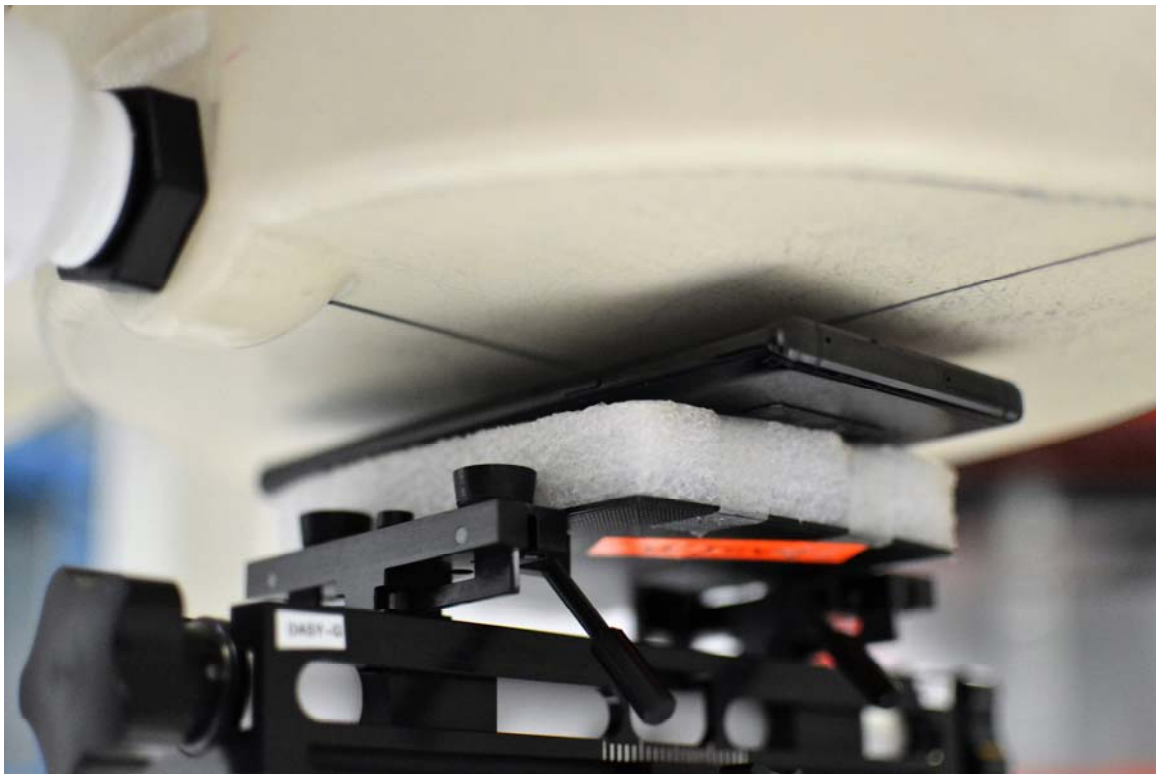


SAR Test Setup Photo 7 – Back Side at 7 mm

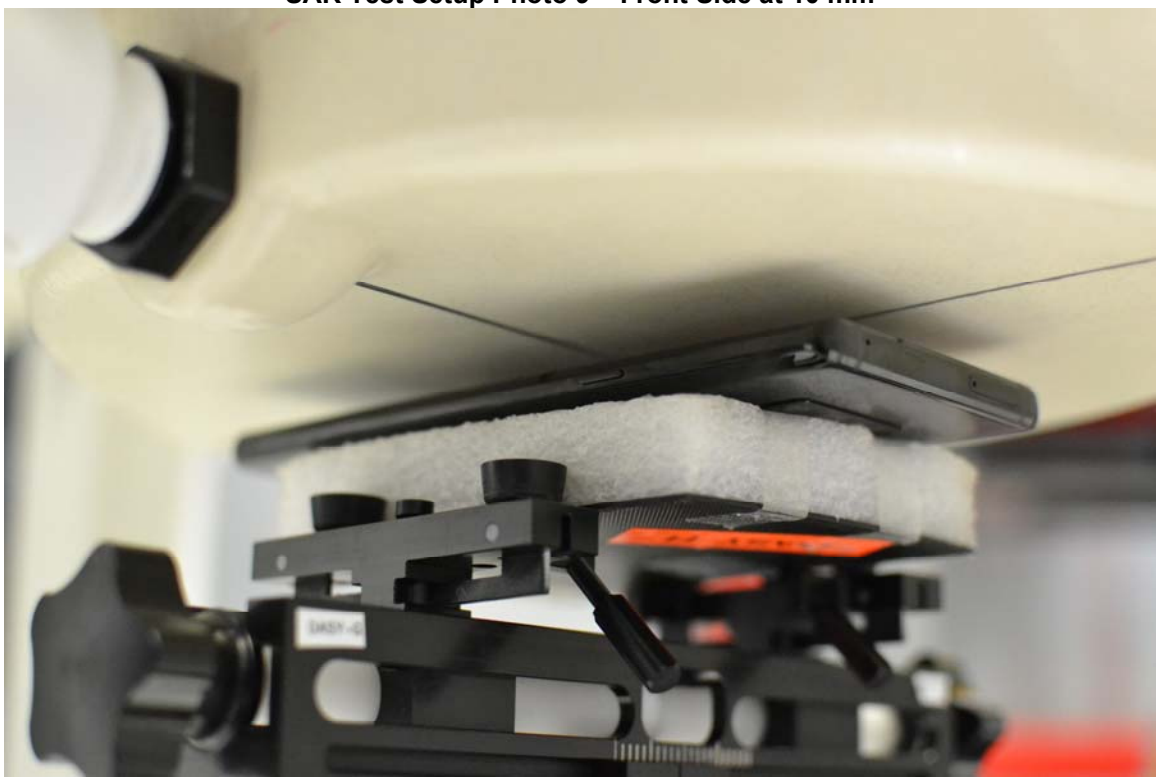


SAR Test Setup Photo 8 – Back Side at 0 mm

© PCTEST Engineering Laboratory, Inc.

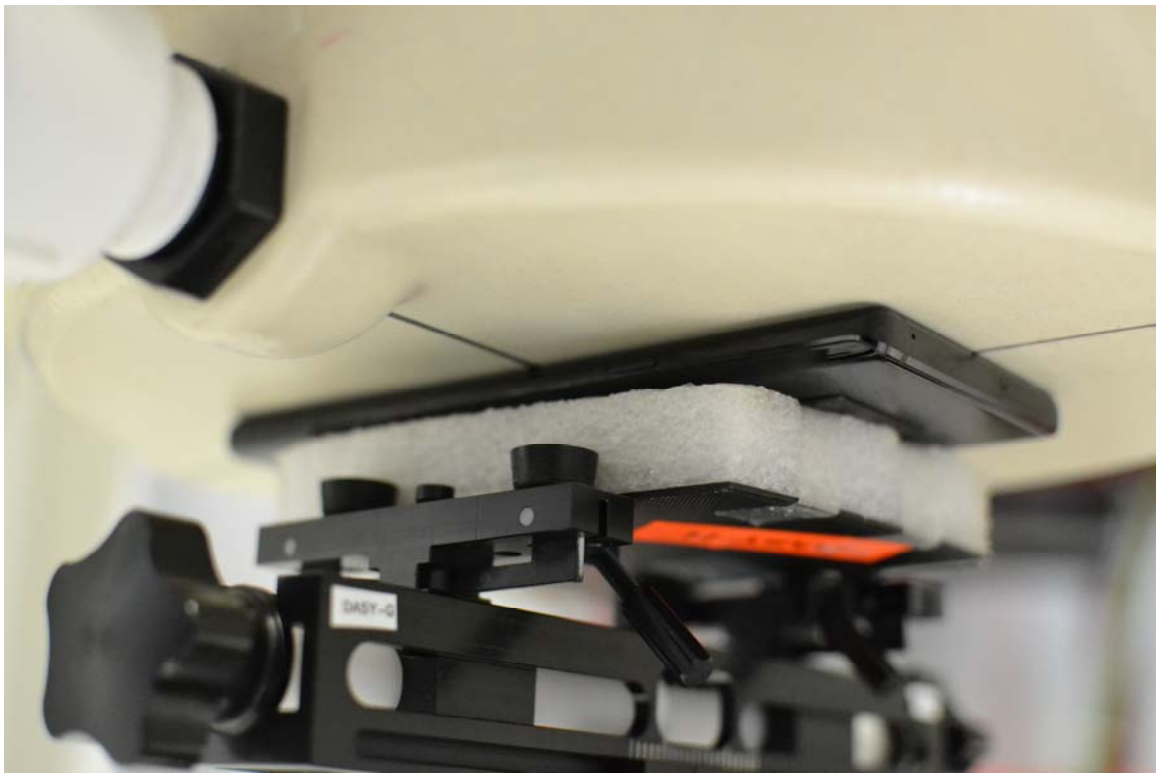


SAR Test Setup Photo 9 – Front Side at 10 mm

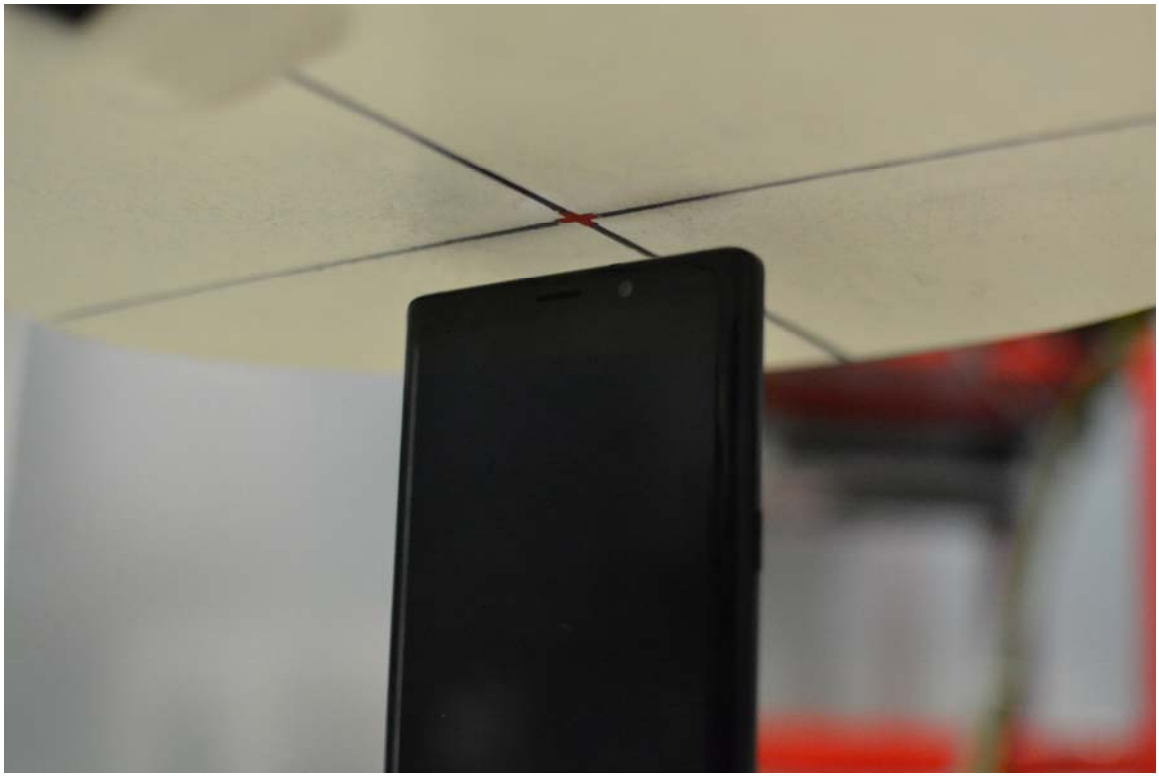


SAR Test Setup Photo 10 – Front Side at 5 mm

© PCTEST Engineering Laboratory, Inc.

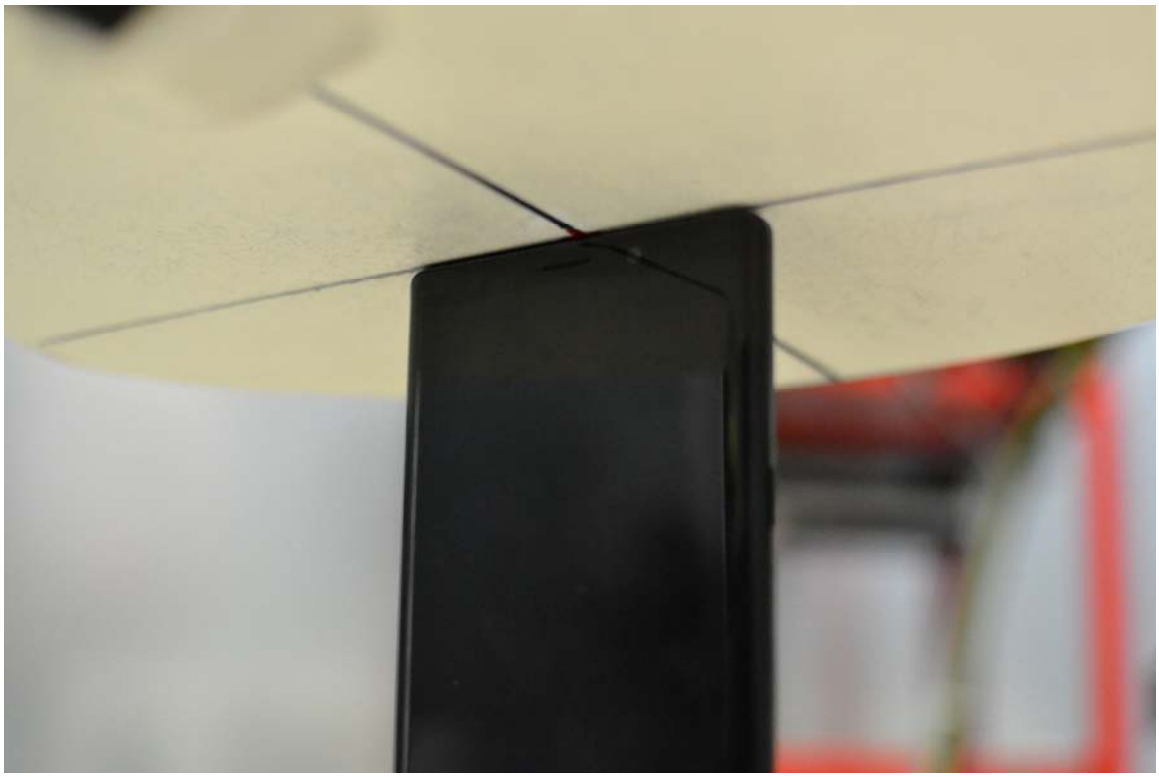


SAR Test Setup Photo 11 – Front Side at 0 mm



SAR Test Setup Photo 12 – Top Edge at 10 mm

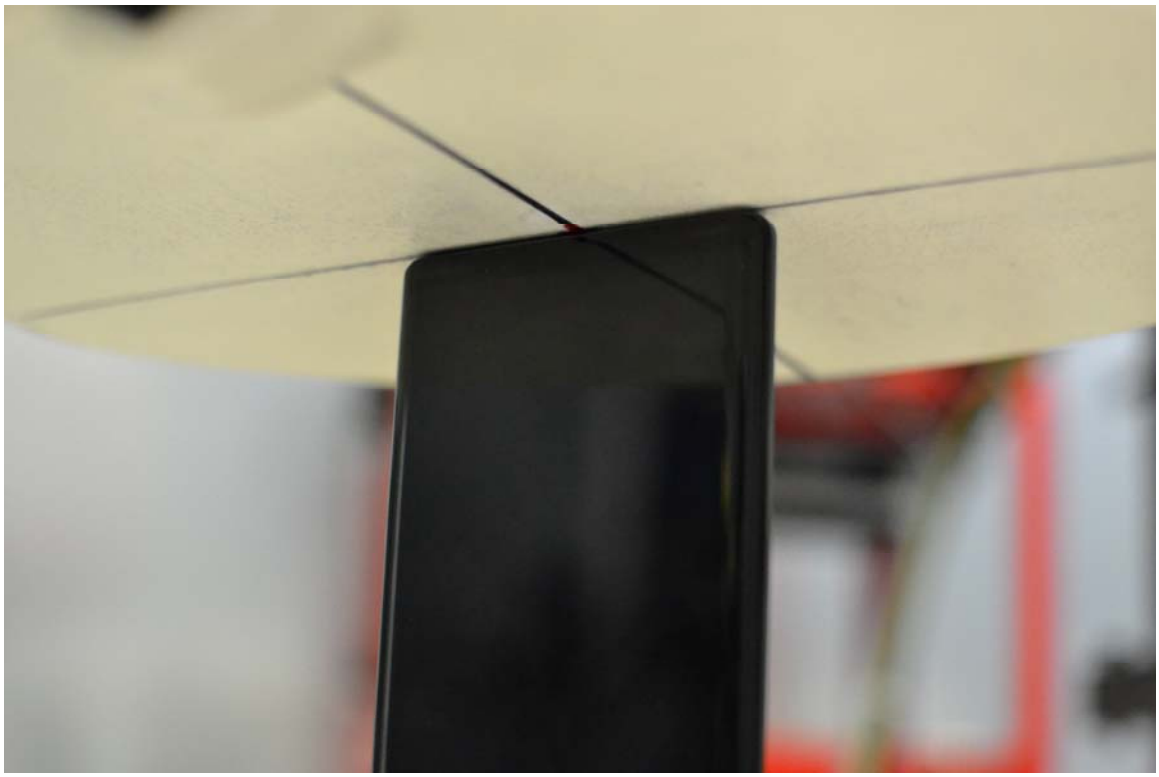
© PCTEST Engineering Laboratory, Inc.



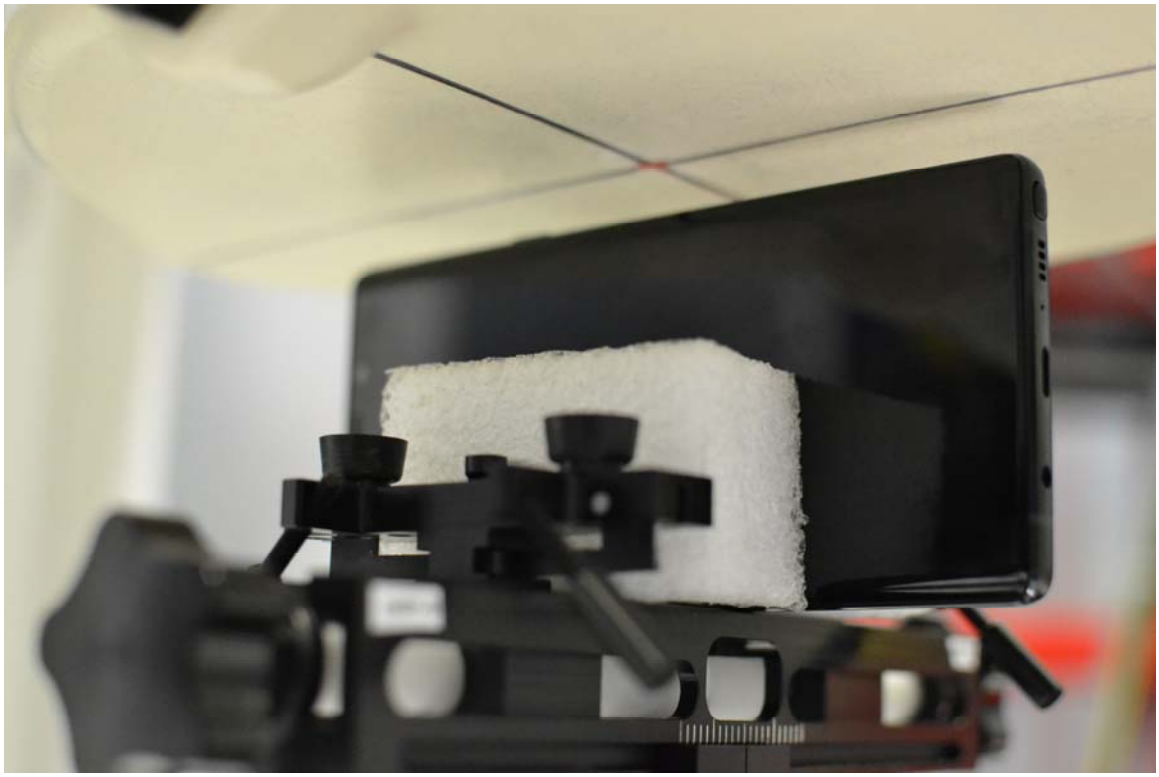
SAR Test Setup Photo 13 – Top Edge at 0 mm

SAR Test Setup Photo 14 – Bottom Edge at 10 mm

© PCTEST Engineering Laboratory, Inc.

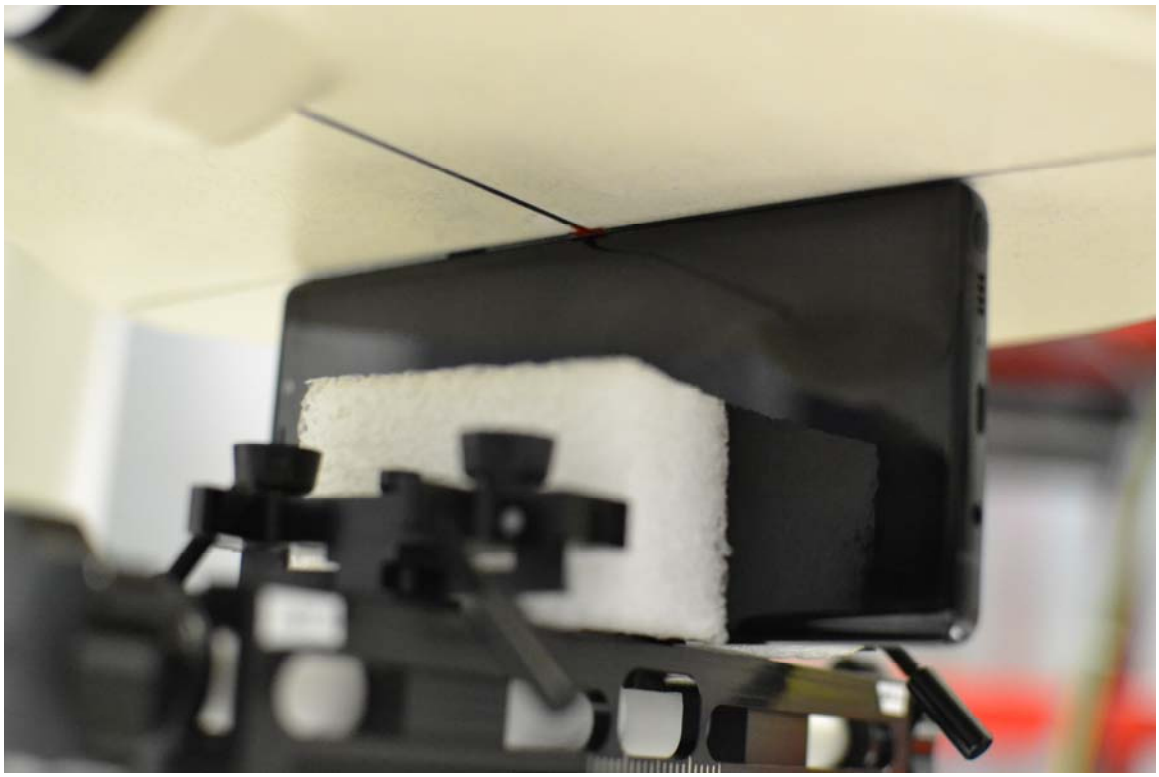


SAR Test Setup Photo 15 – Bottom Edge at 0 mm



SAR Test Setup Photo 16 – Right Edge at 10 mm

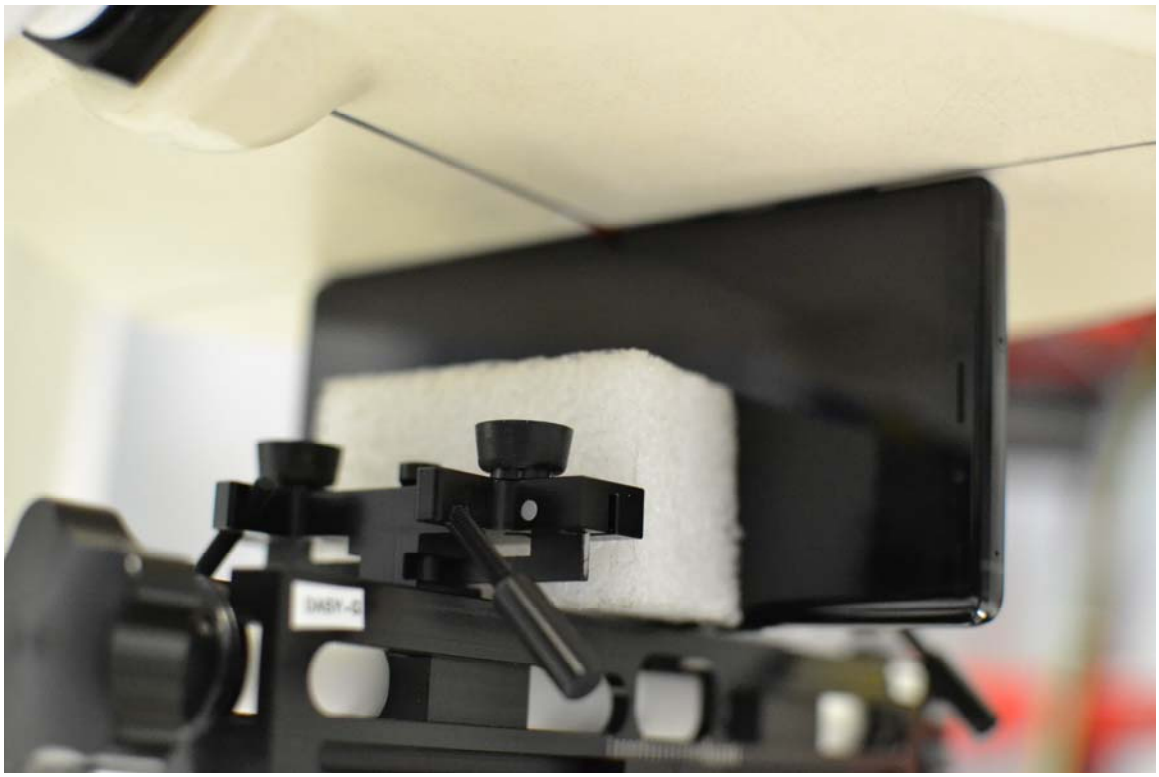
© PCTEST Engineering Laboratory, Inc.



SAR Test Setup Photo 17 – Right Edge at 0 mm

SAR Test Setup Photo 18 – Left Edge at 10 mm

© PCTEST Engineering Laboratory, Inc.



SAR Test Setup Photo 19 – Left Edge at 0 mm

© PCTEST Engineering Laboratory, Inc.

SAR Test Setup Photo 20 – Horizontal and Vertical Reference Lines

© PCTEST Engineering Laboratory, Inc.