APPENDIX E: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

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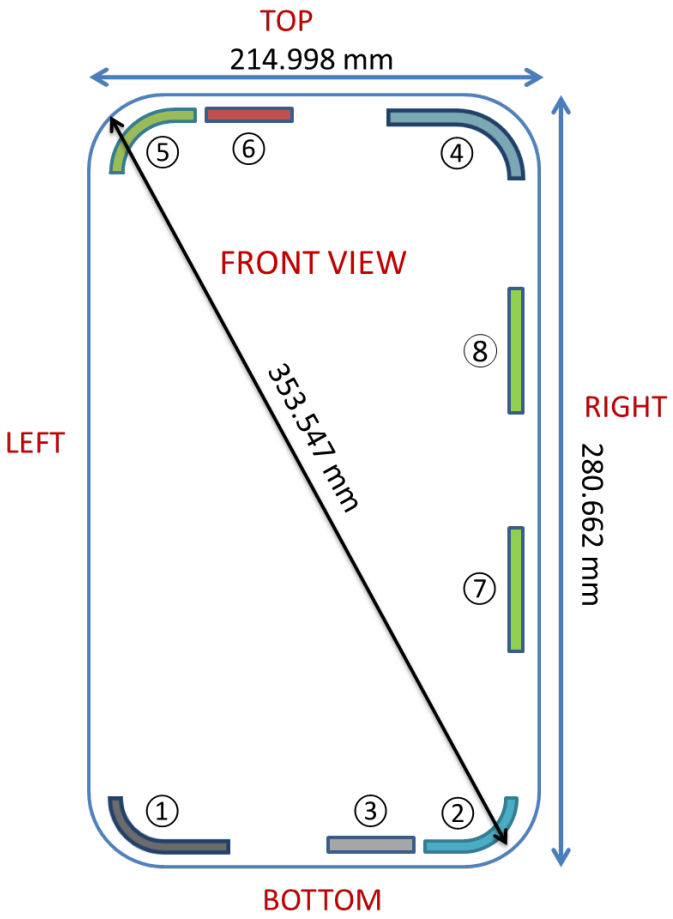

① Antenna 1: Cell (LB+UHB) Antenna Tx/Rx
1. GPRS/EDGE 850 MHz
2. UMTS Band V
3. LTE Band 12/17/13/5/26/48
4. LTE Band 29 Rx only

② Antenna 2A: Cell (MB+HB)/WIFI/BT Antenna Tx/Rx
1. GPRS/EDGE 1900 MHz
2. UMTS Band II/IV
3. LTE Band 4/66/2/25/30/7/41 (4x4 DLCA MIMO)
4. 2.4 GHz WIFI/BT

③ Antenna 2B: Cell (MLB+MB+HB+UHB) Antenna Tx/Rx
1. GPRS/EDGE 1900 MHz
2. UMTS Band II/IV
3. LTE Band 4/66/2/25/30/7/41/48 (4x4 DLCA MIMO)

④ Antenna 3: Cell (LB+UHB) Antenna Tx/Rx
1. GPRS/EDGE 850 MHz
2. UMTS Band V
3. LTE Band 12/17/13/5/26/48
4. LTE Band 29 Rx Only

⑤ Antenna 4A: Cell (MB+HB)/WIFI/BT Antenna Tx/Rx
1. GPRS/EDGE 1900 MHz
2. UMTS Band II/IV
3. LTE Band 4/66/2/25/30/7/41 (4x4 DLCA MIMO)
4. 2.4 GHz WIFI/BT

⑥ Antenna 4B: Cell (MLB+MB+HB+UHB) Antenna Tx/Rx
1. GPRS/EDGE 1900 MHz
2. UMTS Band II/IV
3. LTE Band 4/66/2/25/30/7/41/48 (4x4 DLCA MIMO)
4. GPS

⑦ 5GHz ANTlower: WIFI Antenna Tx/Rx
1. 5 GHz WIFI
2. LTE Band 46 Rx Only

⑧ 5GHz ANTupper: WIFI Antenna Tx/Rx
1. 5 GHz WIFI
2. LTE Band 46 Rx Only

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

Figure E-1
DUT Antenna Locations

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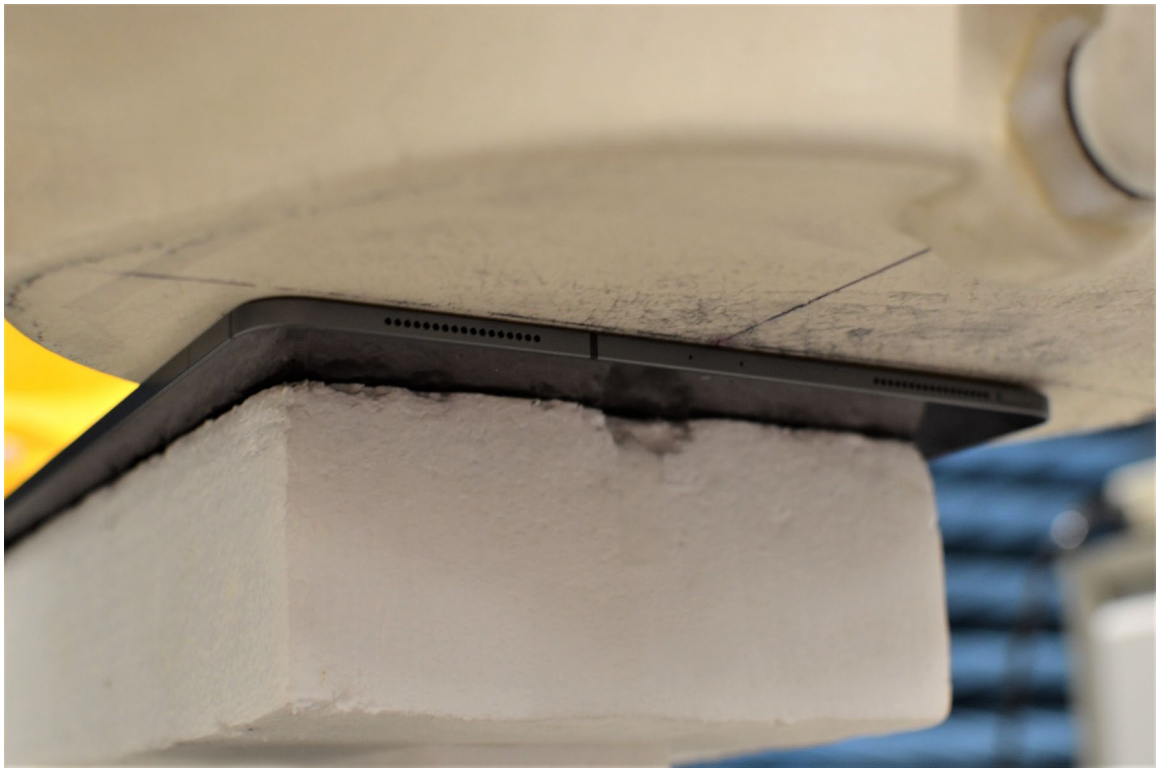
SAR Test Setup Photo 1: Back Side at 0.0 cm – Ant 3/4A/4B



SAR Test Setup Photo 2: Back Side at 0.0 cm – 5GHz ANTupper

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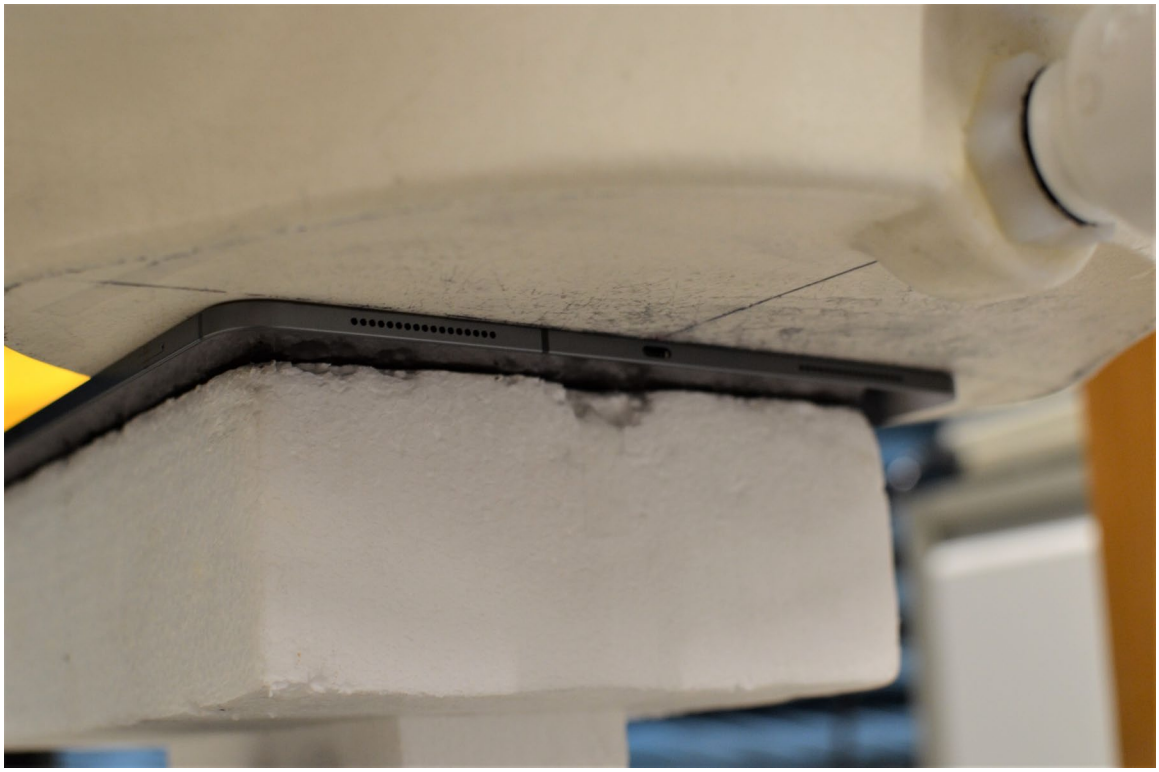
SAR Test Setup Photo 3: Back Side at 0.0 cm – Ant 1/2A/2B



SAR Test Setup Photo 4: Back Side at 0.0 cm – 5GHz ANTlower

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SAR Test Setup Photo 5: Top Edge at 0.0 cm

SAR Test Setup Photo 6: Bottom Edge at 0.0 cm

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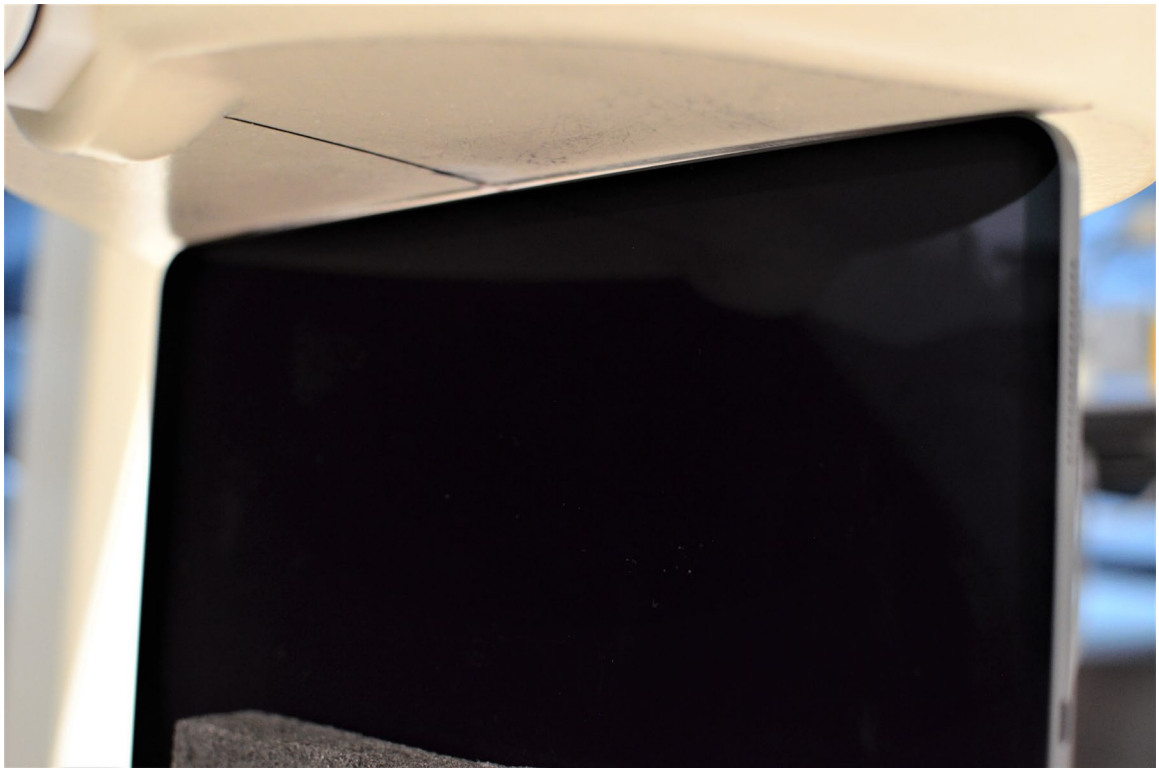

SAR Test Setup Photo 7: Right Edge at 0.0 cm

SAR Test Setup Photo 8: Left Edge at 0.0 cm

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