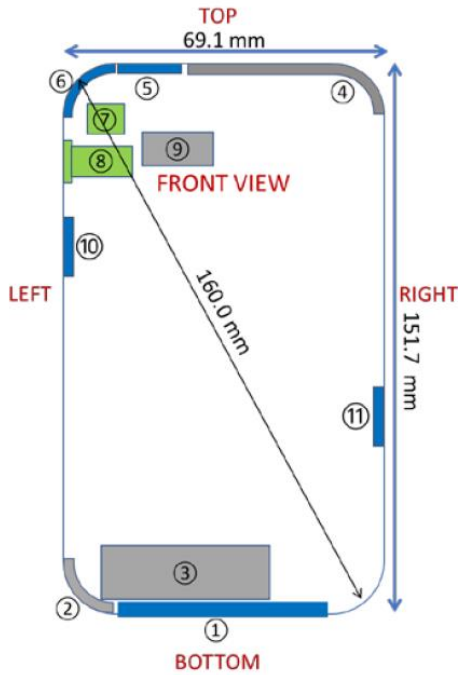


APPENDIX E: DUT ANTENNA DIAGRAM & TEST SETUP PHOTOGRAPHS



- ① Main Band Antenna A Tx/Rx
 1. CDMA/EVDO BCO/1 Tx/Rx
 2. GSM/GPRS/EDGE 850/1900 Tx/Rx
 3. UMTS B2/5 Tx/Rx
 4. LTE B2/4/5/7/12/13/14/26/38/41/66 Tx/Rx
 5. NR n2/n5/n66 Tx/Rx
- ② Sub Antenna B Rx
 1. LTE B48 Rx Only (4x4 DL MIMO)
 2. LTE B41 Rx Only (4x4 DL MIMO)
- ③ Sub Antenna D Rx
 1. LTE B2/4/48/66 Rx Only (4x4 DL MIMO)
- ④ Sub Antenna E Rx
 1. CDMA/EVDO BCO Rx Only
 2. GSM/GPRS/EDGE 850 Rx Only
 3. UMTS B5 Rx Only
 4. LTE B5/12/13/14/26 Rx Only
 5. LTE B41 Rx Only (4x4 DL MIMO)
 6. NR n5 Rx Only
 7. GPS L5 Rx Only
- ⑤ Sub Antenna F Rx
 1. CDMA/EVDO BC1 Rx Only
 2. GSM/GPRS/EDGE 1900 Rx Only
 3. UMTS B2 Rx Only
 4. LTE B2/4/7/38/41/66 Rx Only
 5. NR n2/66 Rx Only
 6. 2.4 GHz WiFi Ant_1 Tx/Rx
 7. BT/ANT+ Tx/Rx
 8. GPS L1 Rx Only
- ⑥ Sub Antenna G Tx/Rx
 1. LTE B48 Tx/Rx
- ⑦ WiFi Antenna #1 Tx/Rx
 1. 5 GHz WiFi Ant_1 Tx/Rx
- ⑧ WiFi Antenna #2 Tx/Rx
 1. 2.4/5 GHz WiFi Ant_2 Tx/Rx
- ⑨ Sub Antenna I
 1. LTE B2/4/48/66 Rx Only (4x4 DL MIMO)
 2. NR n2/66 Rx Only
- ⑩ Antenna L Tx/Rx
 1. NR n260/261 Tx/Rx
- ⑪ Antenna M Tx/Rx
 1. NR N260/261 Tx/Rx

Figure E-1
DUT Antenna Locations

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

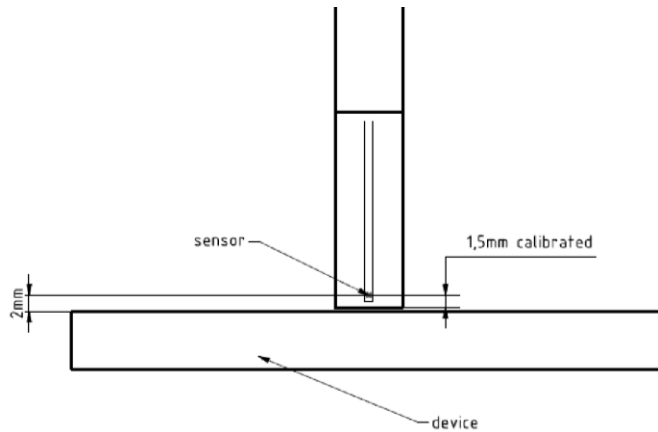






Figure E-2
EUmWV3 Probe

Note: Distances below are distance from device surface to sensor-center. Therefore, distances include 1.5 mm for Probe Tip to Sensor Calibration Points.

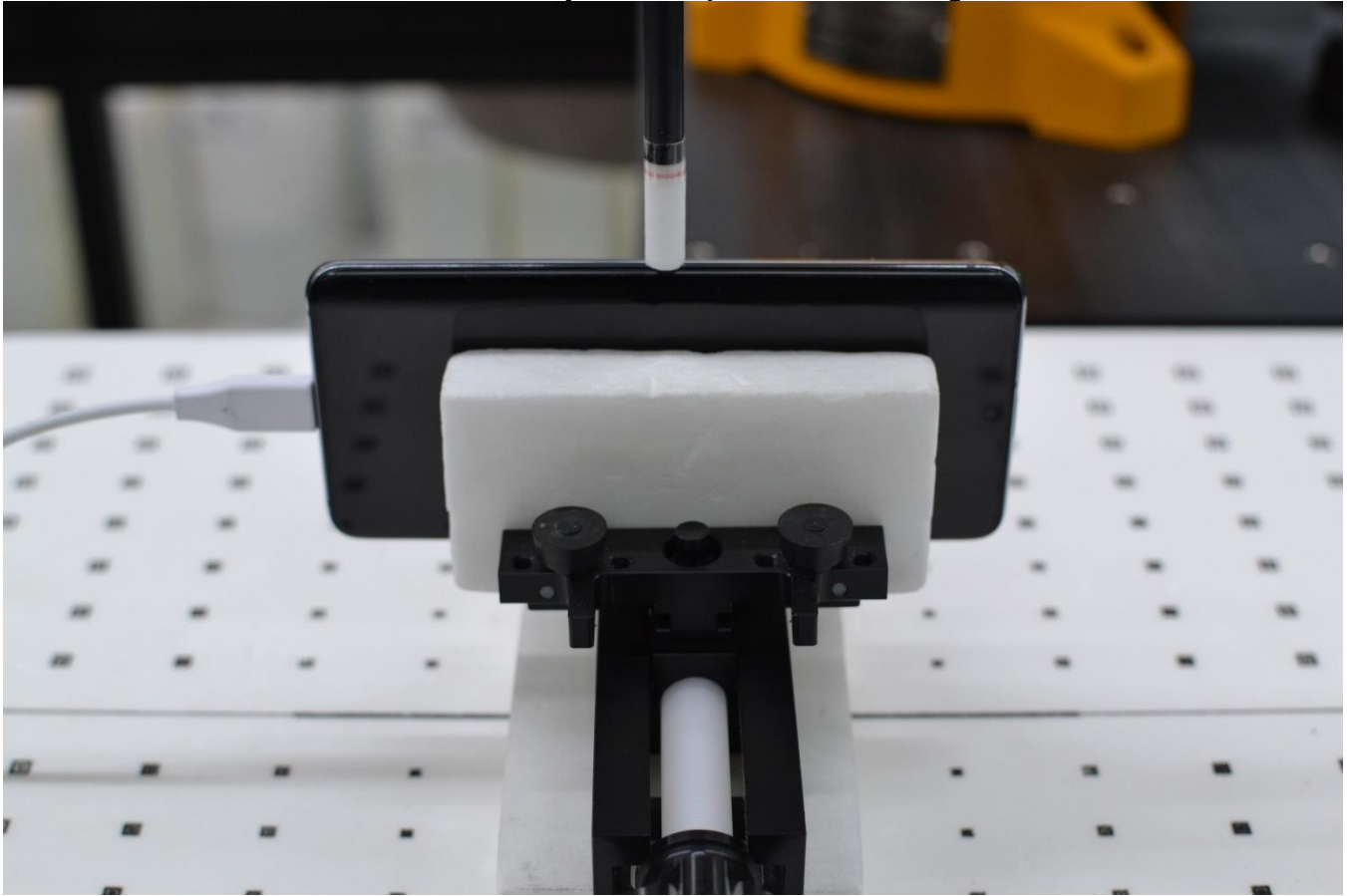
FCC ID: A3LSMG981V	 PCTEST Proud to be part of element	NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 04/15/2020 – 04/21/2020	DUT Type: Portable Handset			APPENDIX E: Page 1 of 5



Near-Field Power Density Test Setup Photo 1 - Back Side at 2 mm



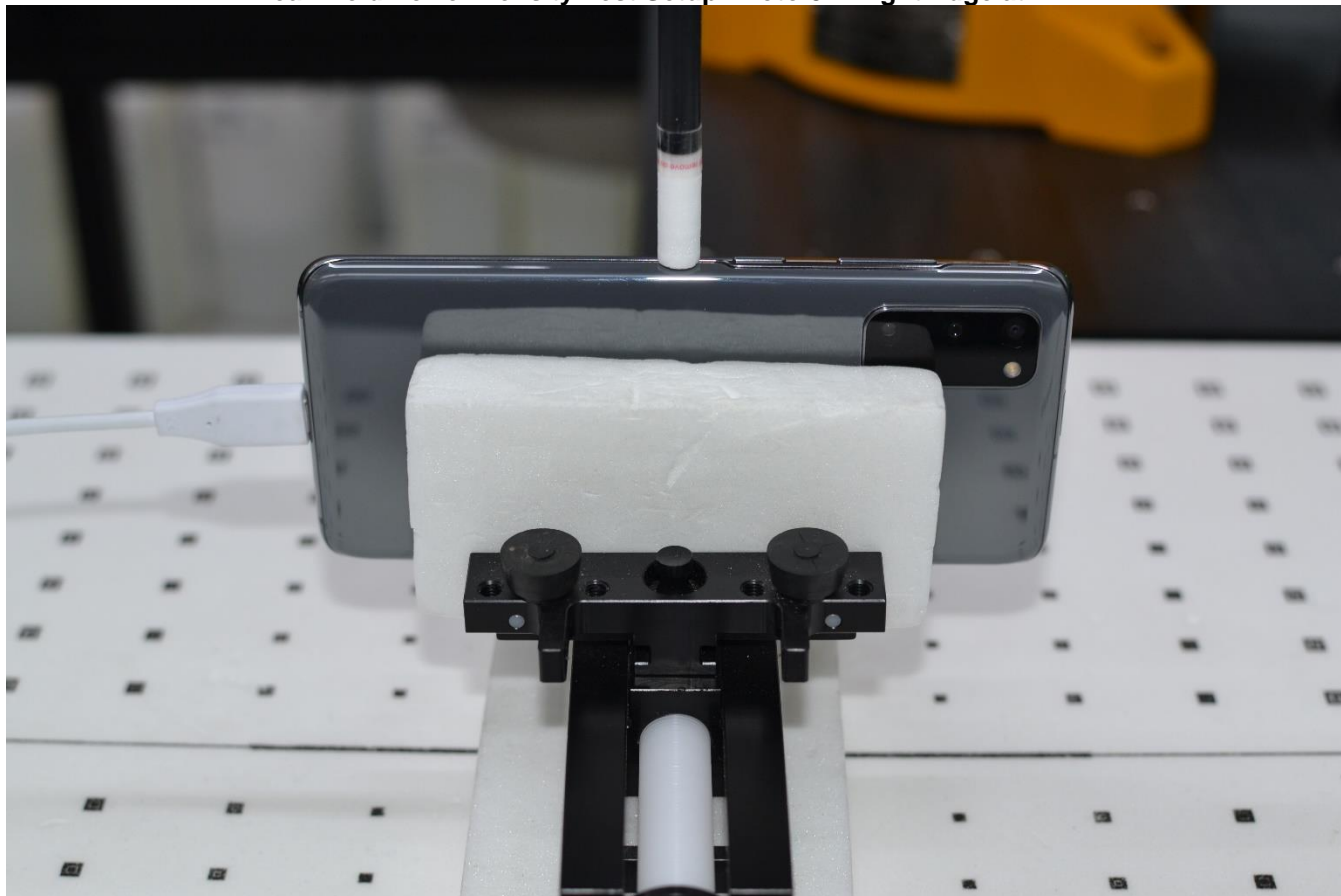
FCC ID: A3LSMG981V	 PCTEST Proud to be part of element	NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 04/15/2020 – 04/21/2020	DUT Type: Portable Handset			APPENDIX E: Page 2 of 5



Near-Field Power Density Test Setup Photo 2 – Left Edge at 2 mm



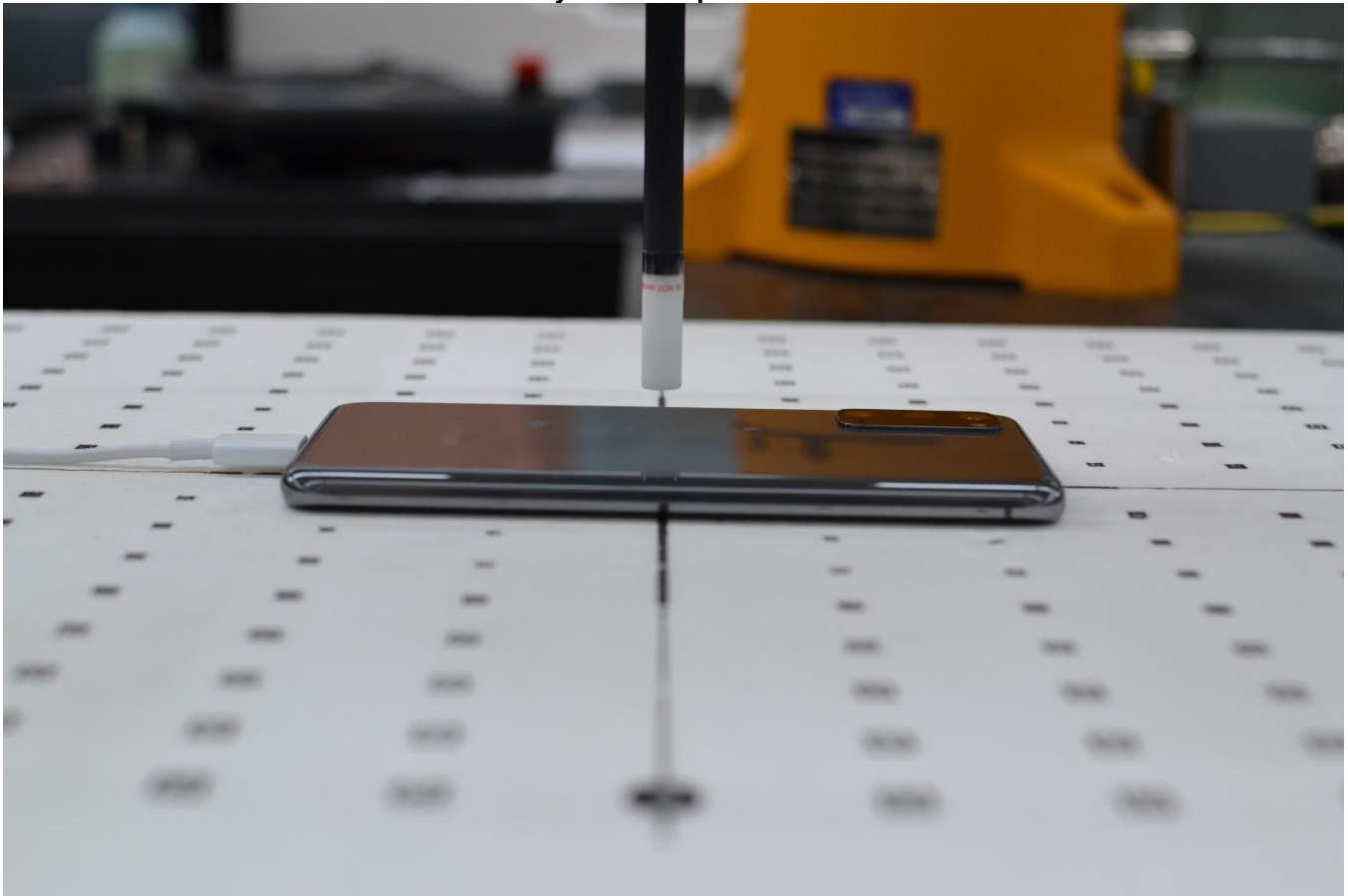
FCC ID: A3LSMG981V	 PCTEST Proud to be part of element	NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 04/15/2020 – 04/21/2020	DUT Type: Portable Handset			APPENDIX E: Page 3 of 5



Near-Field Power Density Test Setup Photo 3 – Right Edge at 2 mm



<p>FCC ID: A3LSMG981V</p>	 <p>PCTEST Proud to be part of element</p>	<p>NEAR-FIELD POWER DENSITY EVALUATION REPORT</p>		<p>Approved by: Quality Manager</p>
<p>Test Dates: 04/15/2020 – 04/21/2020</p>	<p>DUT Type: Portable Handset</p>	<p>APPENDIX E: Page 4 of 5</p>		

Near-Field Power Density Test Setup Photo 4 – Back Side at 10 mm



<p>FCC ID: A3LSMG981V</p>		<p>NEAR-FIELD POWER DENSITY EVALUATION REPORT</p>		<p>Approved by: Quality Manager</p>
<p>Test Dates: 04/15/2020 – 04/21/2020</p>	<p>DUT Type: Portable Handset</p>	<p>APPENDIX E: Page 5 of 5</p>		