

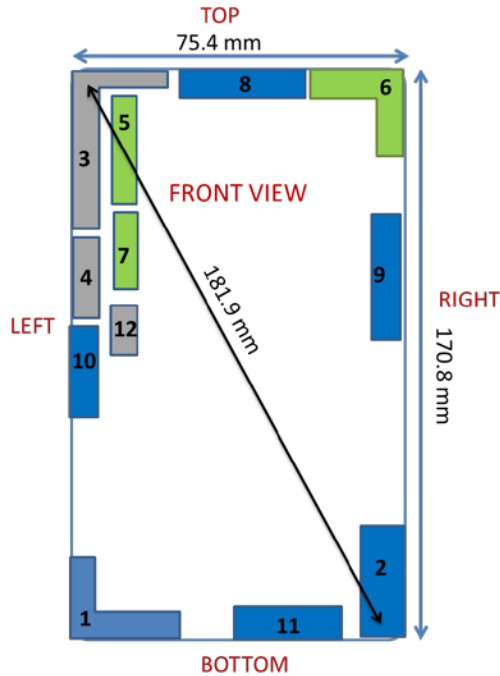


APPENDIX D: DUT ANTENNA DIAGRAM & TEST SETUP PHOTOGRAPHS

FCC ID: PY7-57441Y		NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 08/05/2020 – 08/15/2020	DUT Type: Portable Handset			APPENDIX D: Page 1 of 7



- 1. Main Band Antenna I Tx/Rx
 - 1. GSM/GPRS/EDGE 850/1900 MHz
 - 2. UMTS Band II/IV/V
 - 3. LTE Band 2/4/5/26/7/12/13/17/41/66/25
 - 4. NR FR1 Band n2/n5/n66
- 2. Main Band Antenna II Tx/Rx
 - 1. LTE Band 48
- 3. Sub Antenna I Rx only
 - 1. GSM/GPRS/EDGE 850/1900 MHz
 - 2. UMTS Band II/IV/V
 - 3. LTE Band 2/4/5/26/7/12/13/17/41/66/25
 - 4. NR FR1 Band n2/n5/n66
- 4. Sub Antenna II Rx only
 - 1. LTE Band 2/4/7/41/66/25/48
 - 2. NR FR1 Band n2/n66
- 5. WIFI Band Antenna Chain 1 Tx/Rx and Sub Antenna III Rx only
 - 1. 5 GHz WIFI Tx/Rx
 - 2. LTE Band 2/4/7/41/66/25/48 Rx only
 - 3. NR FR1 Band n2/n66 Rx only
- 6. WIFI Band Antenna Chain 0 Tx/Rx
 - 1. 2.4 GHz WIFI
 - 2. 5 GHz WIFI
 - 3. 2.4 GHz Bluetooth
 - 4. GPS
 - 5. LTE B46/48 Rx
- 7. WIFI Band Antenna Chain 1 Tx/Rx
 - 1. 2.4 GHz Wi-Fi
- 8. NR FR2 n260/n261 module
 - 1. Antenna #2
- 9. NR FR2 n260/n261 module
 - 1. Antenna #1
- 10. NR FR2 n260/n261 module
 - 1. Antenna #0
- 11. NR FR2 n260/n261 module
 - 1. Antenna #3
- 12. Sub Antenna III Rx only (Non_US Band)

Figure D-1
DUT Antenna Locations

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

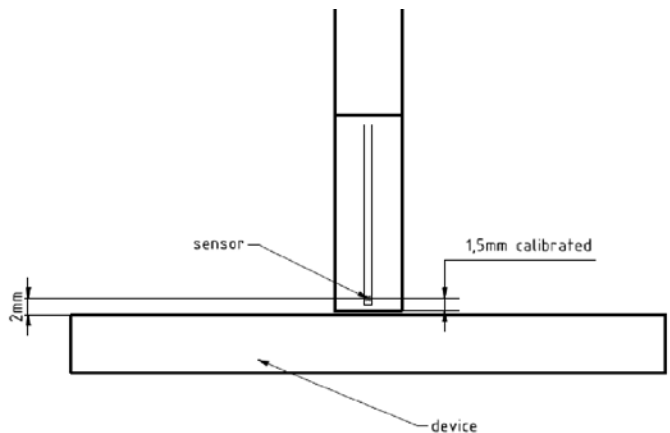


Figure D-2
EUmWV3 Probe

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: PY7-57441Y	 PCTEST Proud to be part of 	NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 08/05/2020 – 08/15/2020	DUT Type: Portable Handset			APPENDIX D: Page 2 of 7



Figure D-3
Near Field Power Density Test Setup Photo – Back Side at 2 mm

FCC ID: PY7-57441Y		NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 08/05/2020 – 08/15/2020	DUT Type: Portable Handset			APPENDIX D: Page 3 of 7

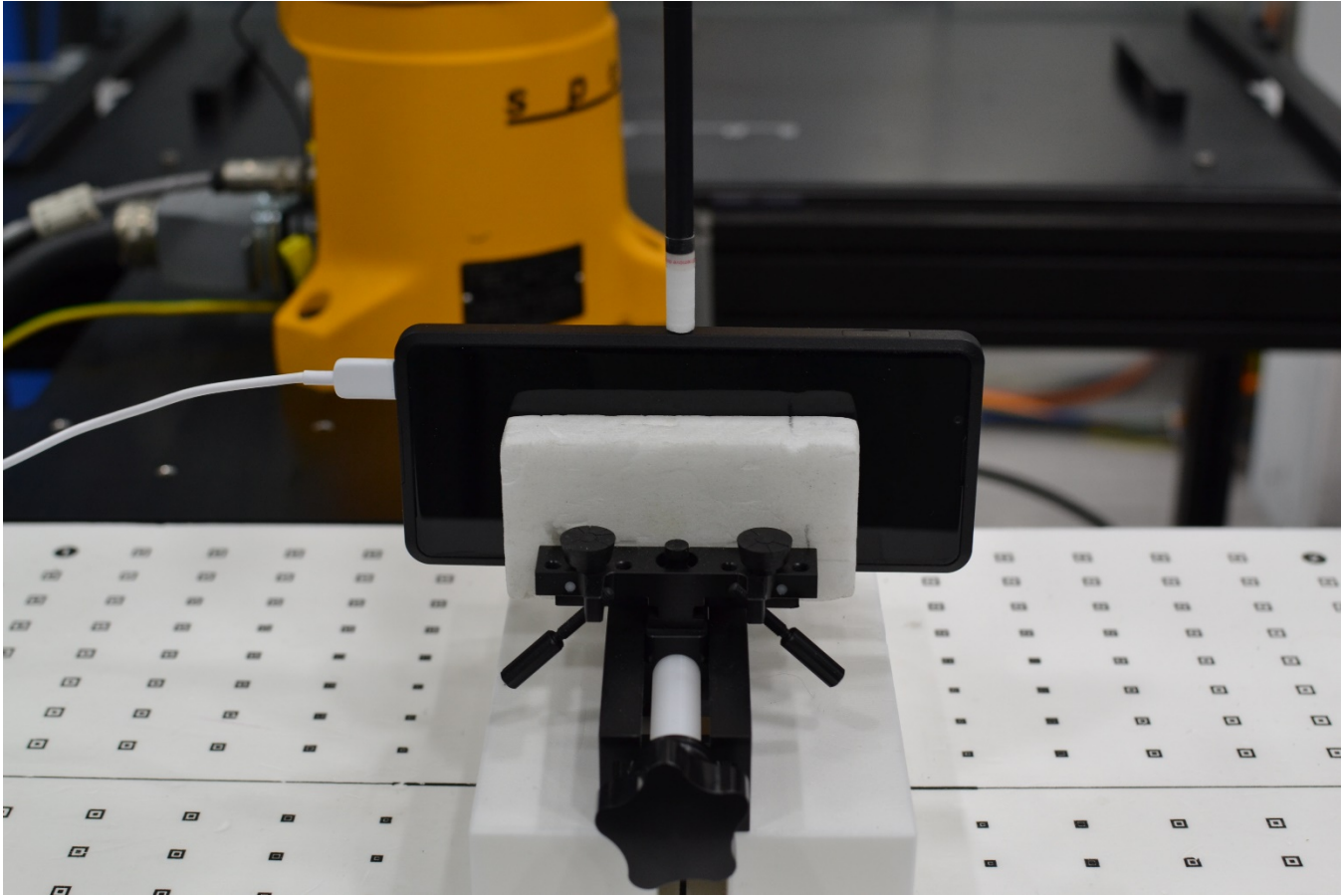




Figure D-4
Near Field Power Density Test Setup Photo – Left Edge at 2 mm

FCC ID: PY7-57441Y	 PCTEST <small>Proud to be part of element</small>	NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 08/05/2020 – 08/15/2020	DUT Type: Portable Handset			APPENDIX D: Page 4 of 7

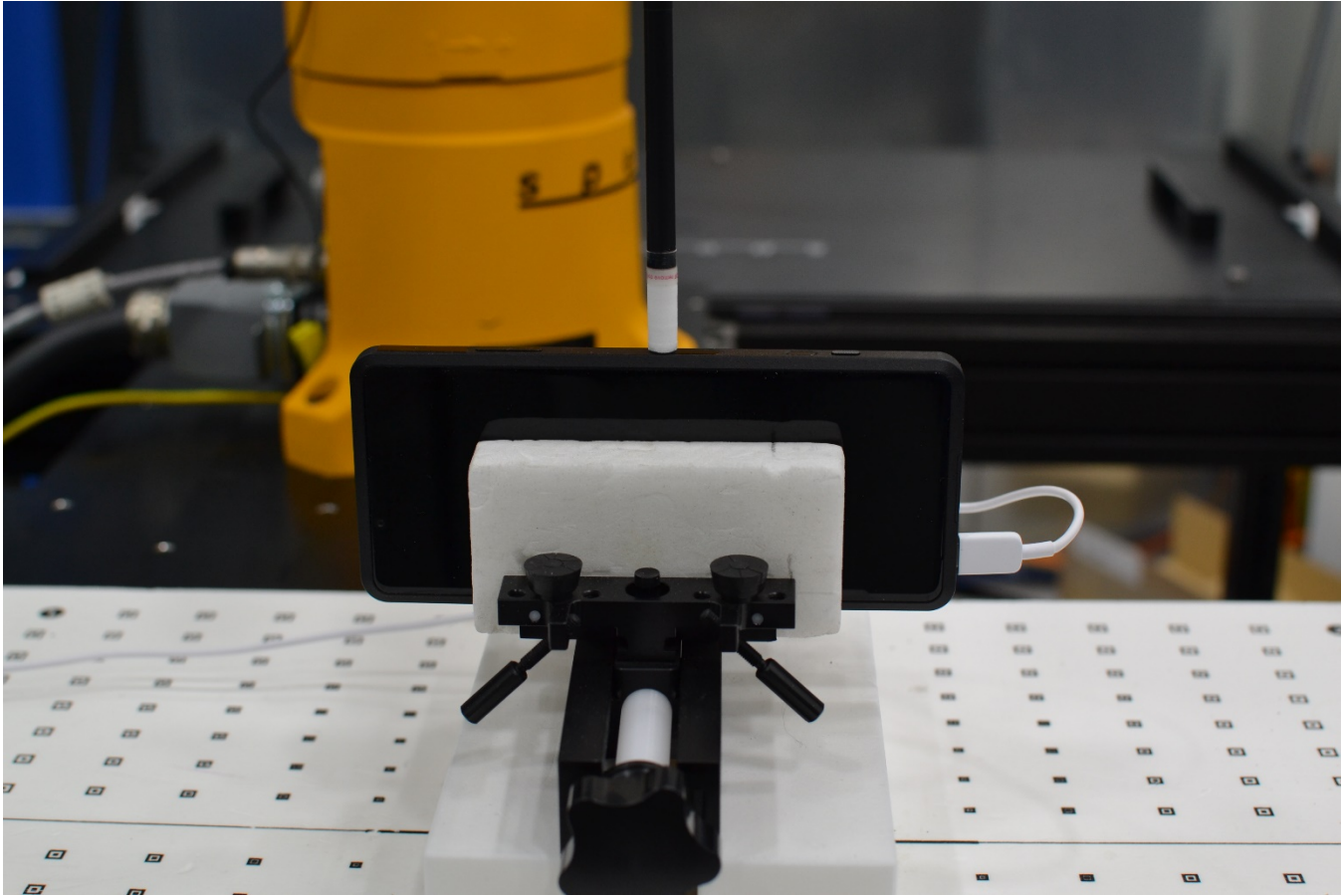




Figure D-5
Near Field Power Density Test Setup Photo – Right Edge at 2 mm

FCC ID: PY7-57441Y	 PCTEST <small>Proud to be part of element</small>	NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 08/05/2020 – 08/15/2020	DUT Type: Portable Handset			APPENDIX D: Page 5 of 7

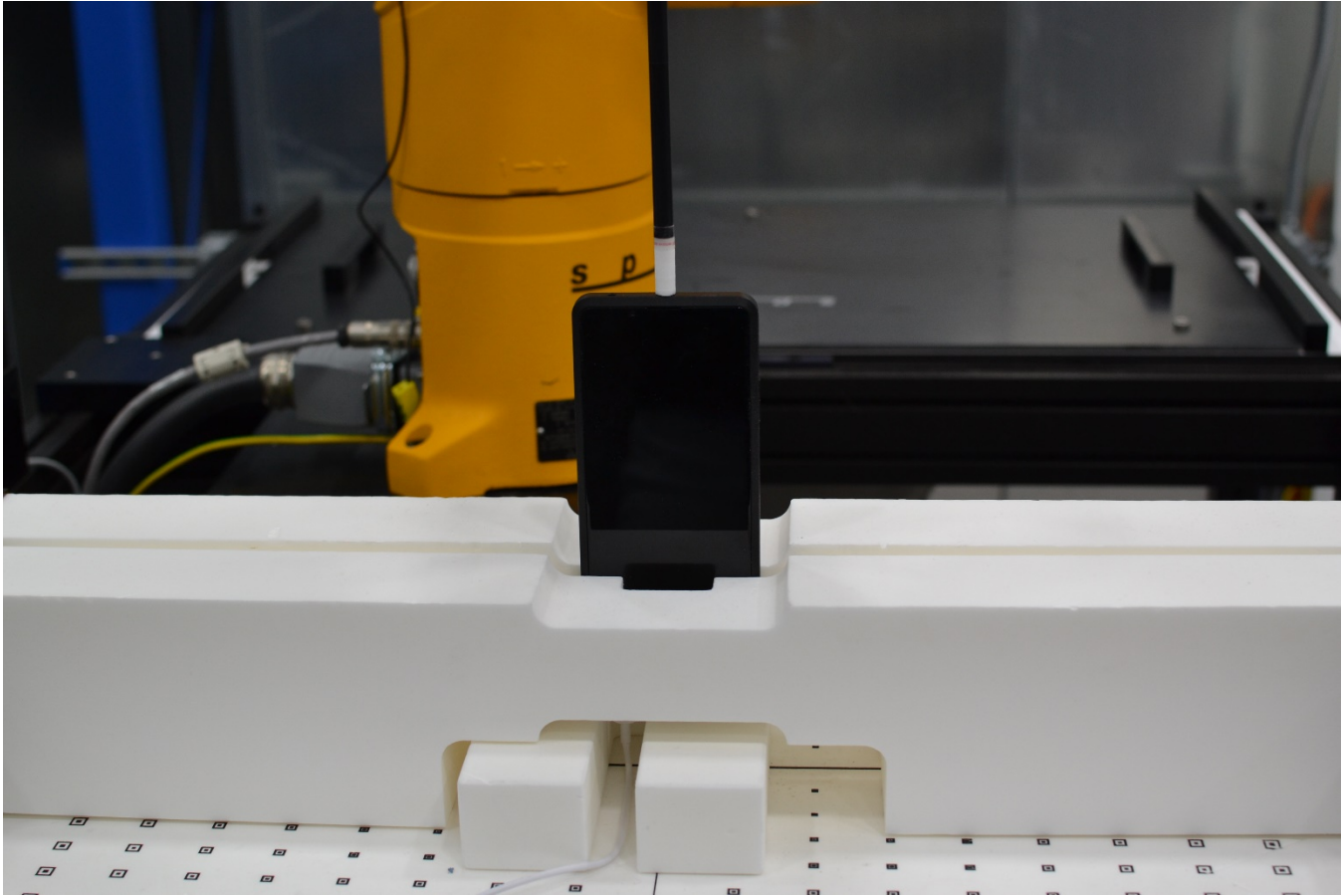




Figure D-6
Near Field Power Density Test Setup Photo – Top Edge at 2 mm

FCC ID: PY7-57441Y	 PCTEST <small>Proud to be part of element</small>	NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 08/05/2020 – 08/15/2020	DUT Type: Portable Handset			APPENDIX D: Page 6 of 7

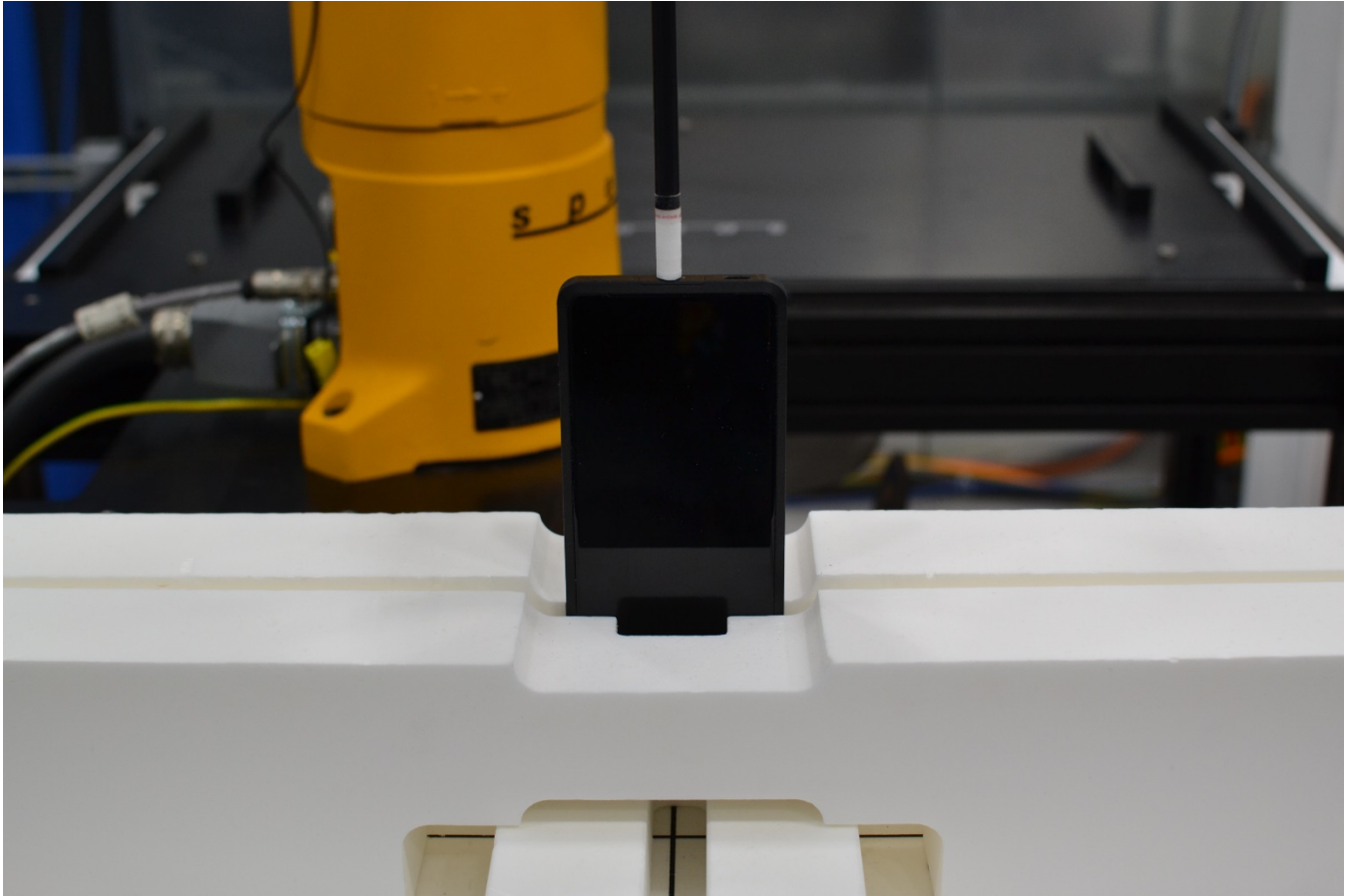




Figure D-7
Near Field Power Density Test Setup Photo – Bottom Edge at 2 mm

FCC ID: PY7-57441Y	 PCTEST <small>Proud to be part of element</small>	NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 08/05/2020 – 08/15/2020	DUT Type: Portable Handset			APPENDIX D: Page 7 of 7