

APPENDIX E: DUT ANTENNA DIAGRAM & TEST SETUP PHOTOGRAPHS

FCC ID: A3LSMG986U	 NEAR-FIELD POWER DENSITY EVALUATION REPORT 	Approved by: Quality Manager
Test Dates: 11/15/2019 – 12/20/2019	DUT Type: Portable Handset	APPENDIX E: Page 1 of 5

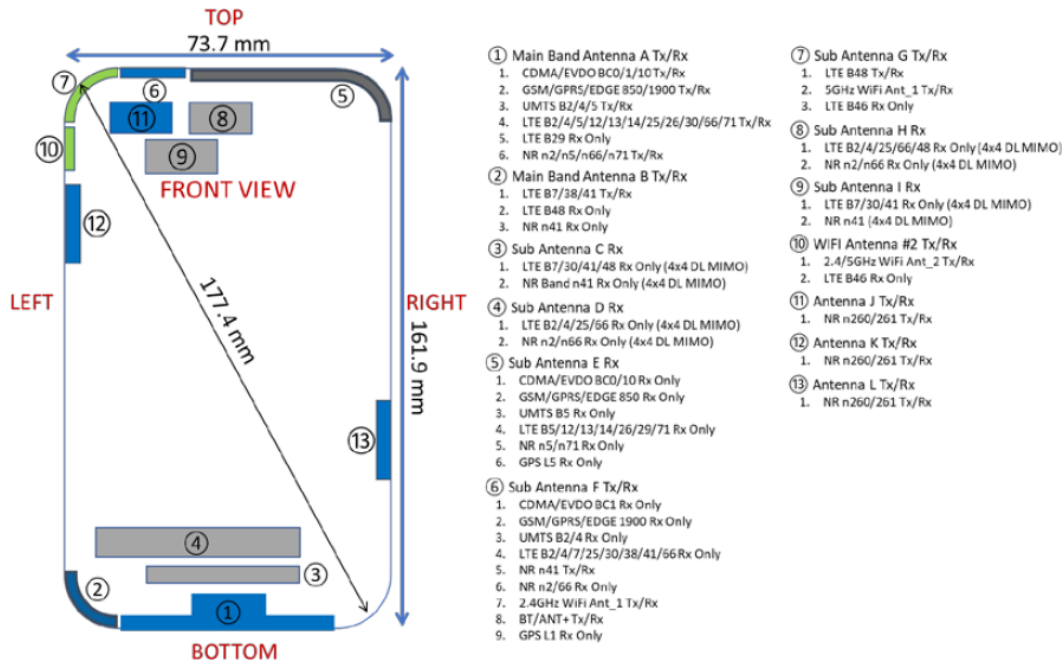


Figure E-1
DUT Antenna Locations

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

Figure E-2
NFC/MST Antenna and WPC Locations

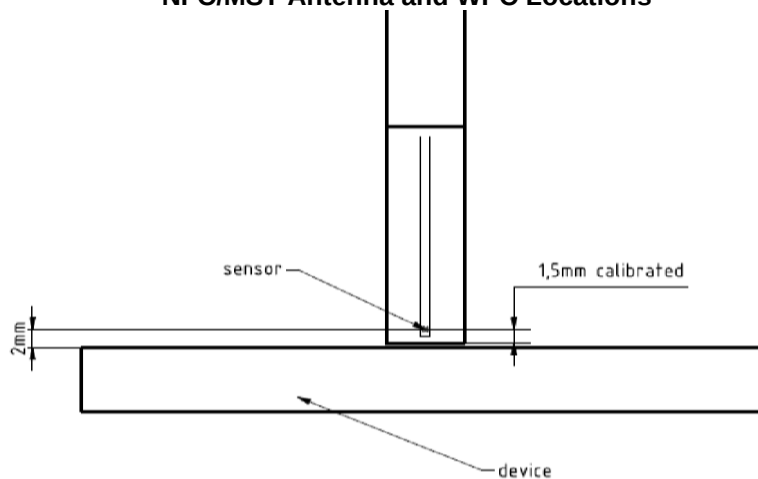
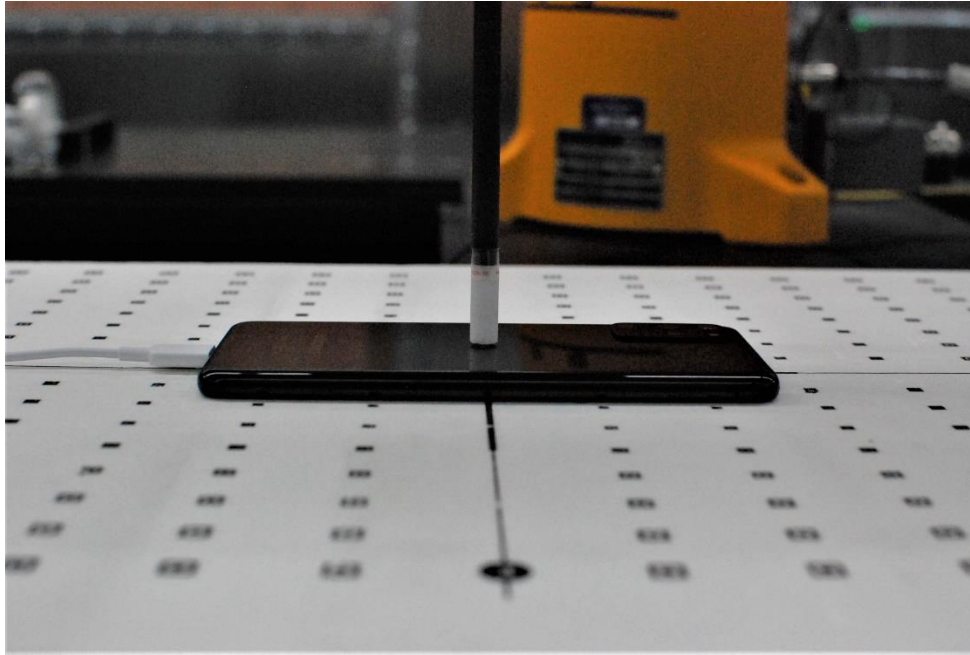


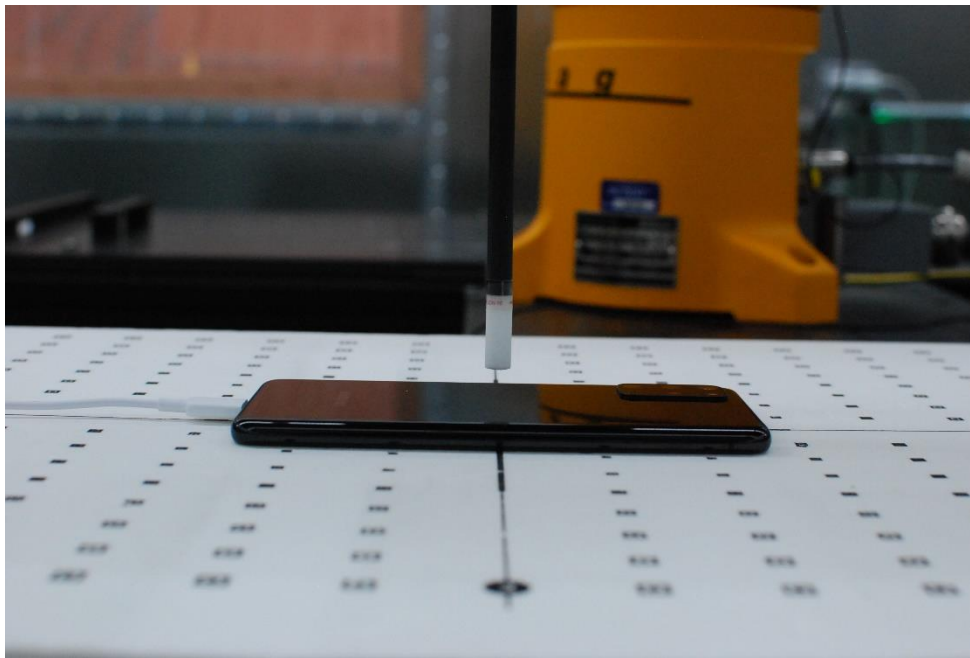
Figure E-3
EUmmWV3 Probe

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: A3LSMG986U	PCTEST ENGINEERING LABORATORY, INC.	NEAR-FIELD POWER DENSITY EVALUATION REPORT	SAMSUNG	Approved by: Quality Manager
Test Dates: 11/15/2019 – 12/20/2019	DUT Type: Portable Handset			APPENDIX E: Page 2 of 5

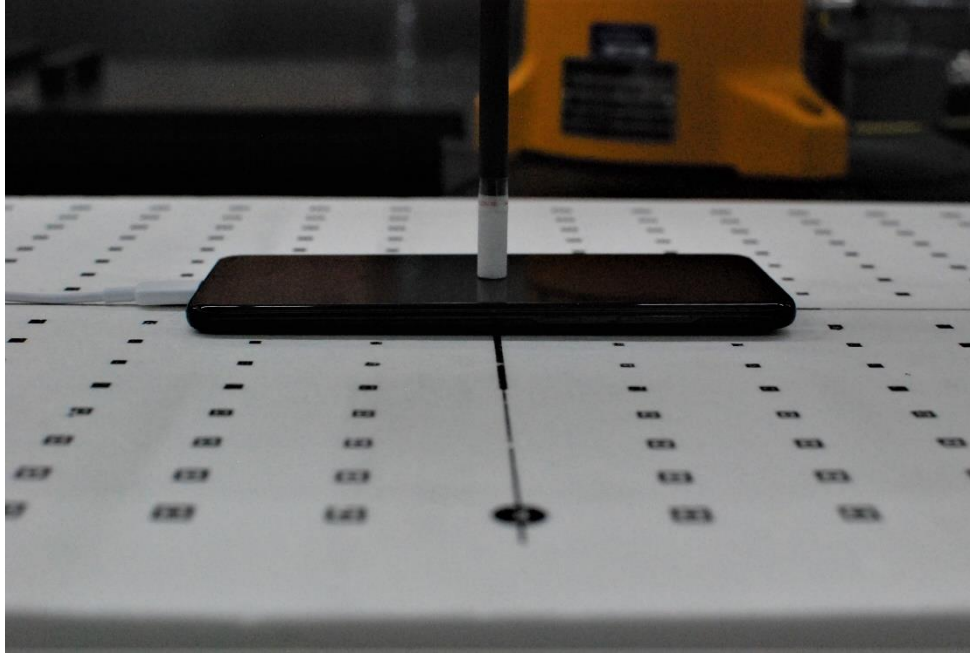


Near-Field Power Density Test Setup Photo 1 - Back Side at 2 mm

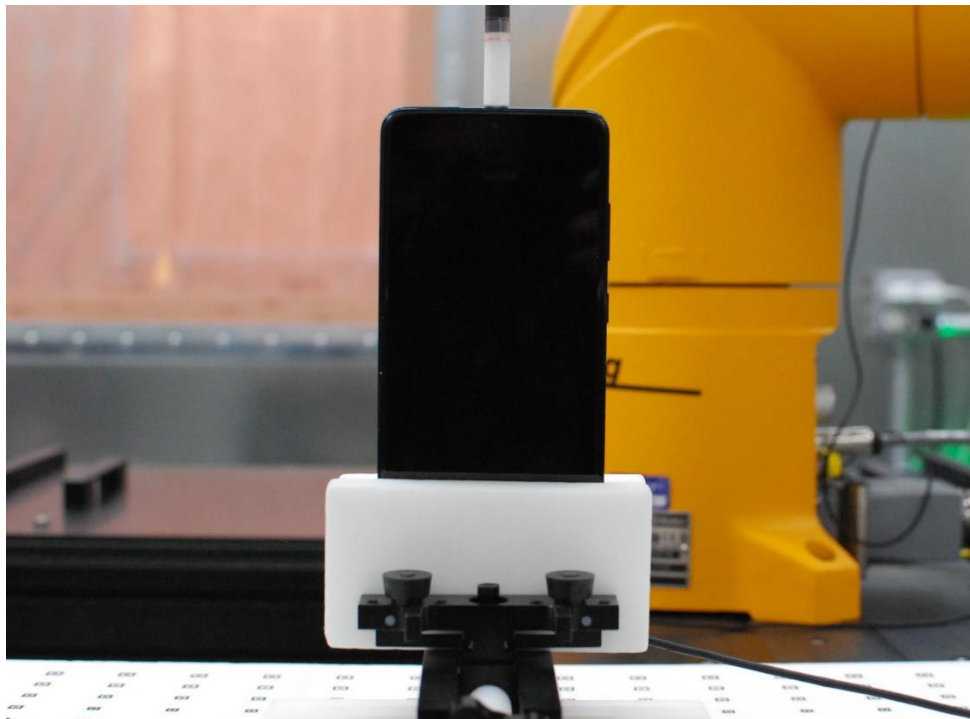


Near-Field Power Density Test Setup Photo 2 – Back Side at 10 mm

FCC ID: A3LSMG986U	 NEAR-FIELD POWER DENSITY EVALUATION REPORT 	Approved by: Quality Manager
Test Dates: 11/15/2019 – 12/20/2019	DUT Type: Portable Handset	APPENDIX E: Page 3 of 5

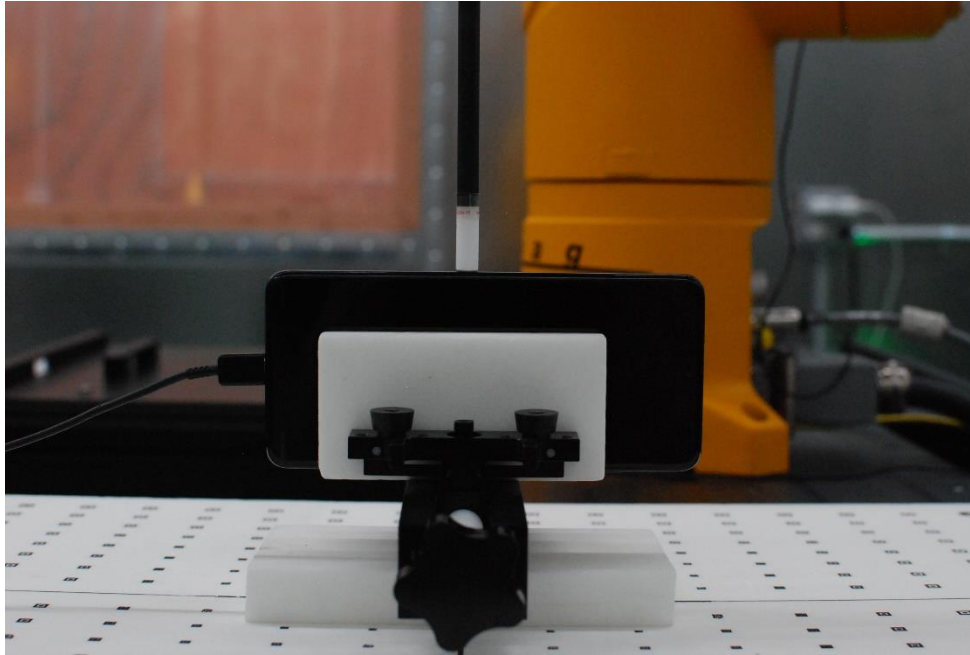


Near-Field Power Density Test Setup Photo 3 – Front Side at 2 mm

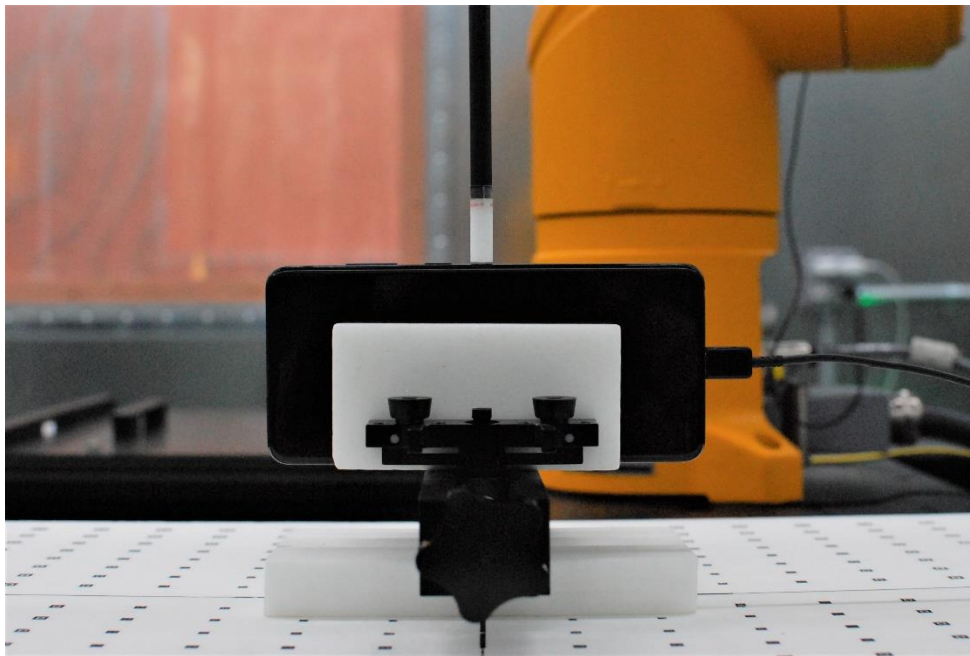


Near-Field Power Density Test Setup Photo 4 – Top Edge at 2 mm

FCC ID: A3LSMG986U	 NEAR-FIELD POWER DENSITY EVALUATION REPORT 	Approved by: Quality Manager
Test Dates: 11/15/2019 – 12/20/2019	DUT Type: Portable Handset	APPENDIX E: Page 4 of 5



Near-Field Power Density Test Setup Photo 5 – Left Edge at 2 mm



Near-Field Power Density Test Setup Photo 6 – Right Edge at 2 mm

FCC ID: A3LSMG986U	 NEAR-FIELD POWER DENSITY EVALUATION REPORT 	Approved by: Quality Manager
Test Dates: 11/15/2019 – 12/20/2019	DUT Type: Portable Handset	APPENDIX E: Page 5 of 5