

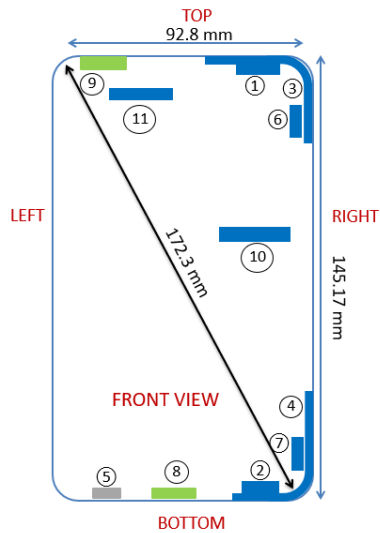


APPENDIX D: DUT ANTENNA DIAGRAM & TEST SETUP PHOTOGRAPHS

FCC ID: C3K1995	 PCTEST <small>Proved to be part of Microsoft</small>	NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Technical Manager
Test Dates: 07/12/2021 – 09/03/2021	DUT Type: Portable Handset			Page 1 of 11



1 Main Band Antenna A Tx/Rx

1. Non-US Only

2 South UHB Ant Tx/Rx

1. WWAN UHB Tx/Rx

3 North Ant Tx/Rx

1. LB/MB/HB WWAN Tx/Rx

4 South Ant Tx/Rx

1. LB/MB/HB WWAN Tx/Rx

5 Antenna B Rx Only

1. GNSS L5

6 Antenna C Rx Only

1. WWAN Rx Only

7 Antenna D Rx Only

1. WWAN Rx Only

8 Antenna WIFI/BT 1 Tx/Rx

1. 2.45 GHz WIFI Antenna 1
2. 5 GHz WIFI Antenna 1
3. 2.45 GHz Bluetooth Antenna
4. WWAN Rx Only

9 Antenna WIFI/BT 2 Tx/Rx

1. 2.45 GHz WIFI Antenna 2
2. 5 GHz WIFI Antenna 2
3. 2.45 GHz Bluetooth Antenna
4. GNSS L1
5. WWAN Rx Only

10 Antenna 0 Tx/Rx

1. NR mmW n260/n261 Tx/Rx

11 Antenna 1 Tx/Rx



1. NR mmW n260/n261 Tx/Rx

Note: The WWAN Bands/Modes for North and South antenna are identified in the SAR report.

Figure D-1

DUT Antenna Locations – Closed/Flip

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

FCC ID: C3K1995	 NEAR-FIELD POWER DENSITY EVALUATION REPORT 	Approved by: Technical Manager
Test Dates: 07/12/2021 – 09/03/2021	DUT Type: Portable Handset	Page 2 of 11



Note: The WWAN Bands/Modes for North and South antenna are identified in the SAR report.

Figure D-2
DUT Antenna Locations – Flat

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

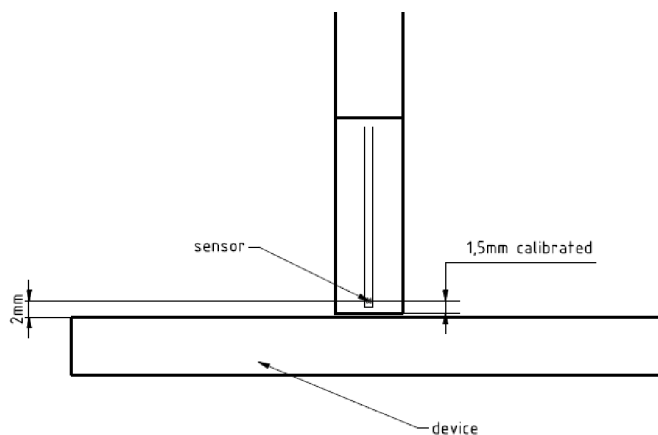


Figure D-3
EUmWVx Probe

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: C3K1995	PCTEST Proud to be part of Microsoft	NEAR-FIELD POWER DENSITY EVALUATION REPORT	Microsoft	Approved by: Technical Manager
Test Dates: 07/12/2021 – 09/03/2021	DUT Type: Portable Handset			Page 3 of 11

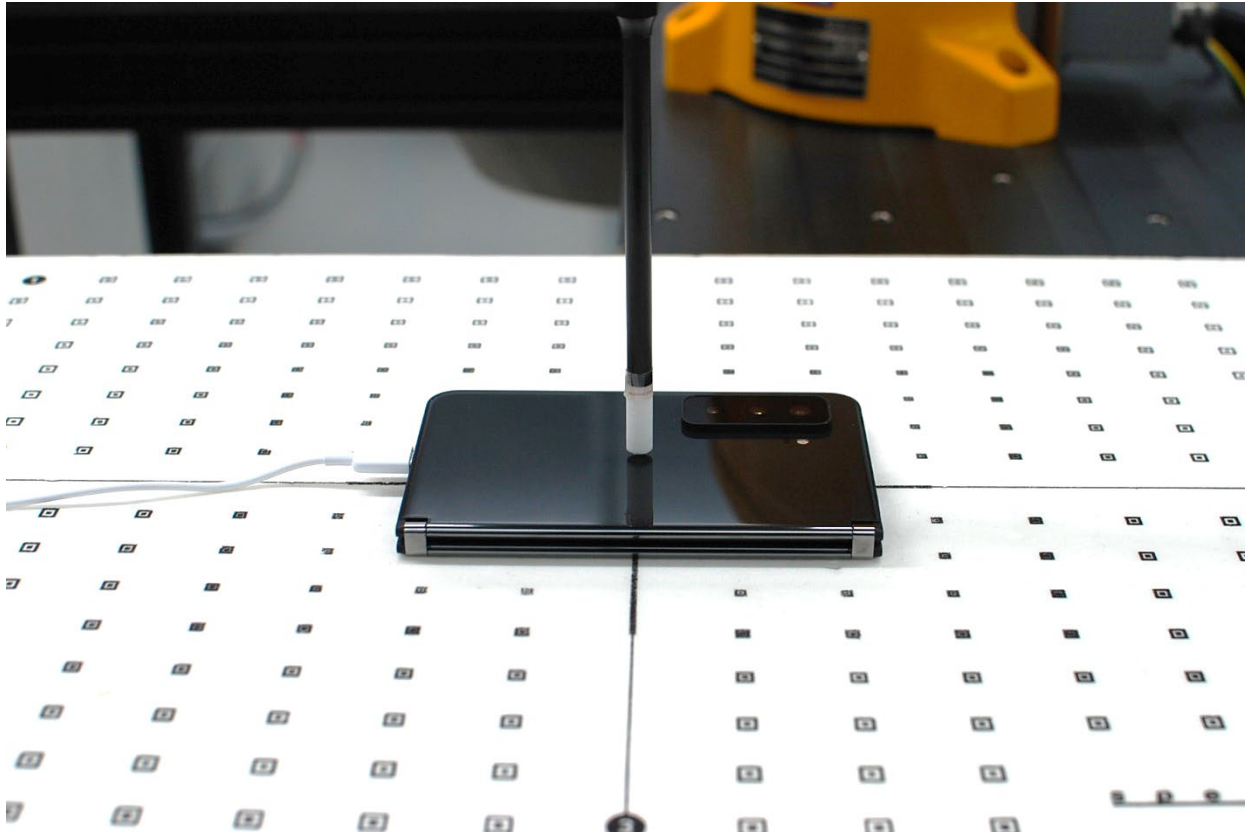


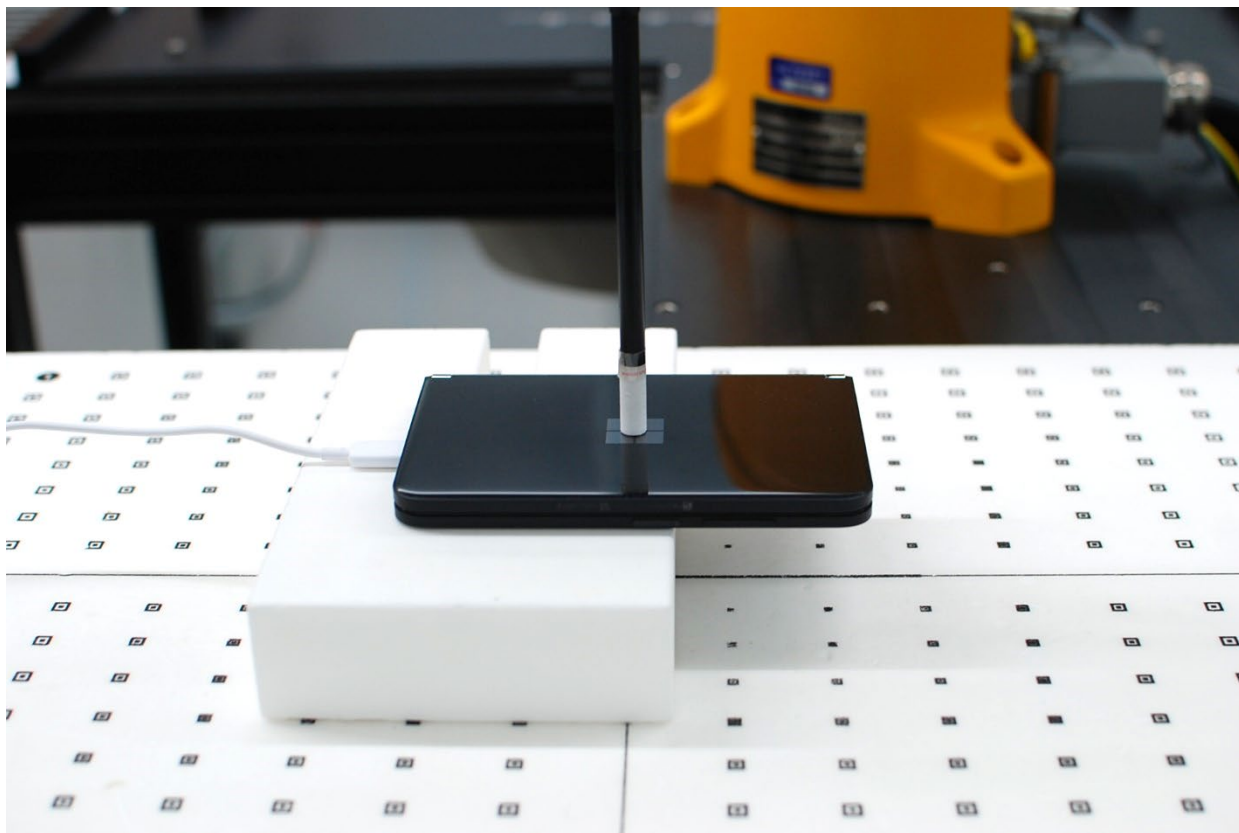




Figure D-4
Near Field Power Density Test Setup Photo – Closed Back at 2 mm

FCC ID: C3K1995	 NEAR-FIELD POWER DENSITY EVALUATION REPORT 	Approved by: Technical Manager
Test Dates: 07/12/2021 – 09/03/2021	DUT Type: Portable Handset	Page 4 of 11



**Figure D-5
Near Field Power Density Test Setup Photo – Closed Front at 2 mm**

FCC ID: C3K1995		NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Technical Manager
Test Dates: 07/12/2021 – 09/03/2021	DUT Type: Portable Handset			Page 5 of 11

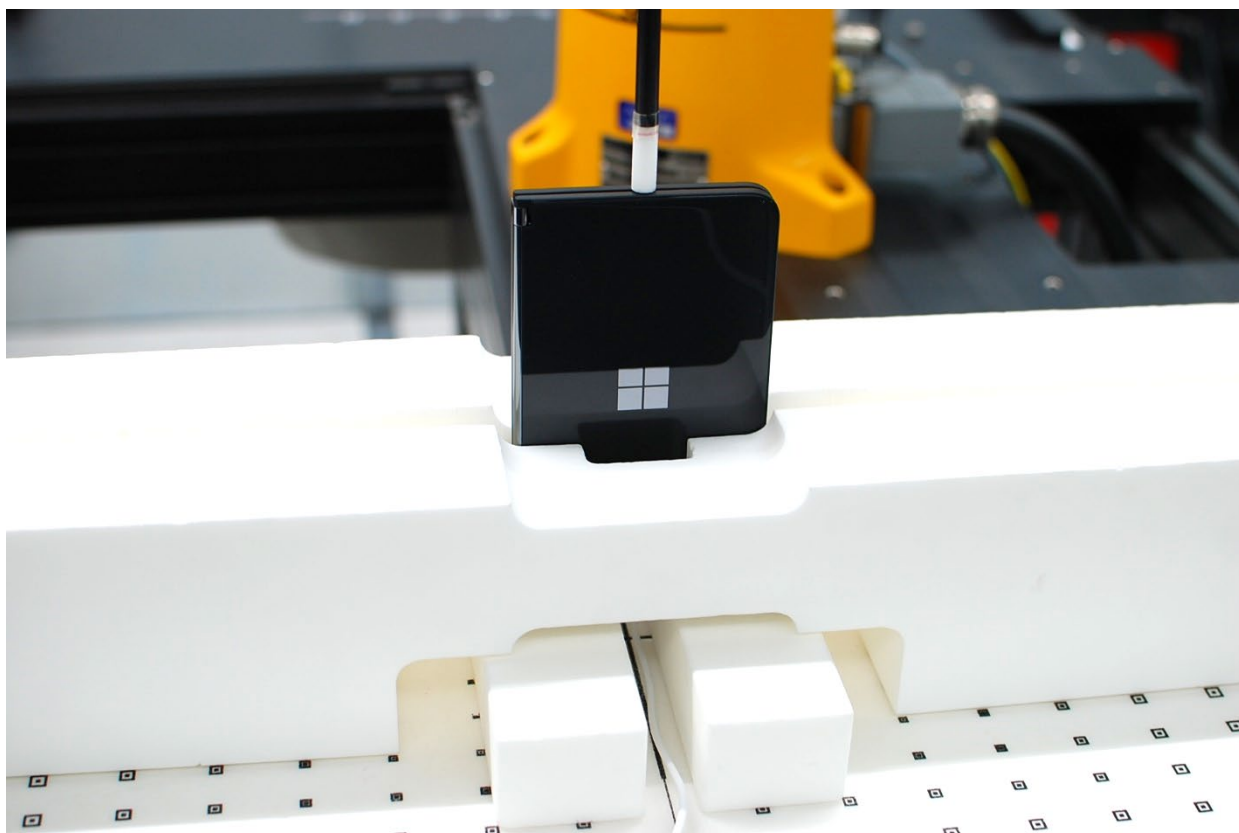


Figure D-6
Near Field Power Density Test Setup Photo – Closed Top at 2 mm





FCC ID: C3K1995	 NEAR-FIELD POWER DENSITY EVALUATION REPORT 	Approved by: Technical Manager
Test Dates: 07/12/2021 – 09/03/2021	DUT Type: Portable Handset	Page 6 of 11



Figure D-7
Near Field Power Density Test Setup Photo – Flat Back at 2 mm

FCC ID: C3K1995		NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Technical Manager
Test Dates: 07/12/2021 – 09/03/2021	DUT Type: Portable Handset			Page 7 of 11

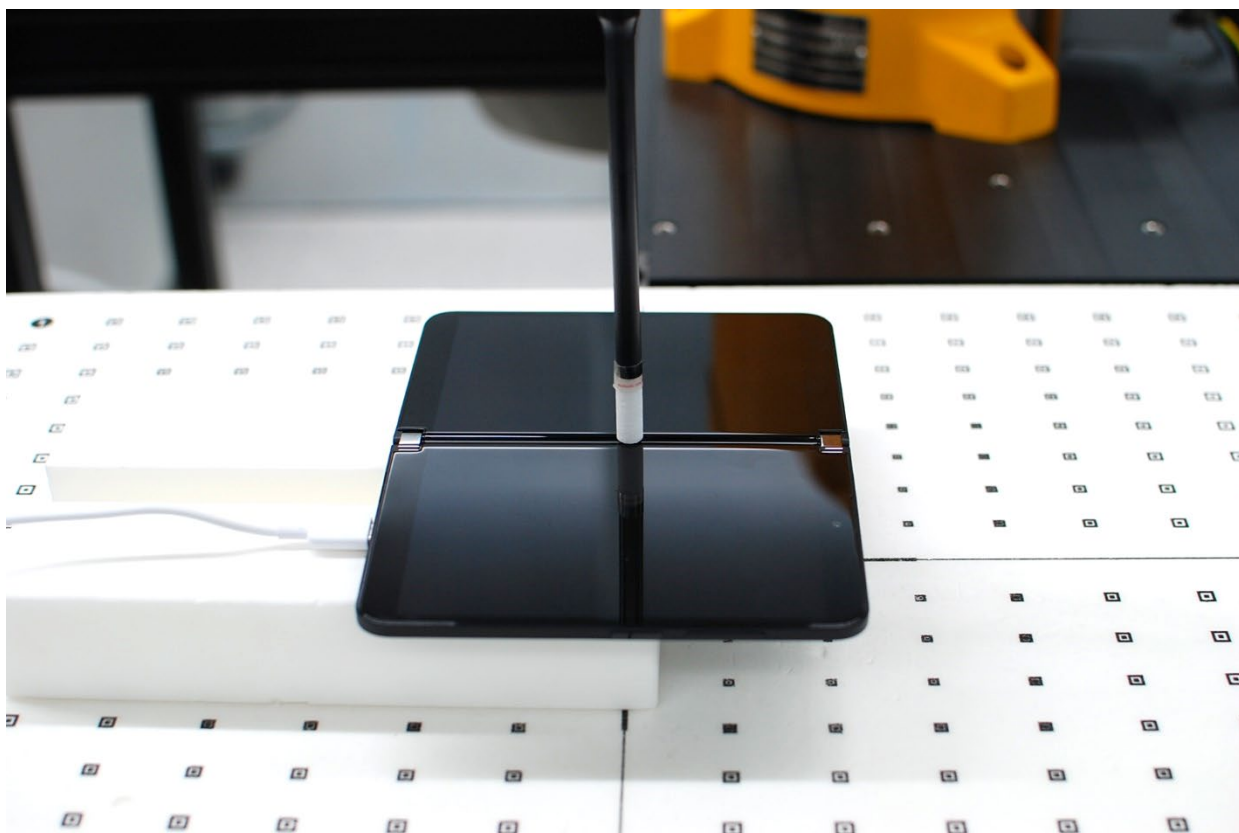




Figure D-8
Near Field Power Density Test Setup Photo – Flat Front at 2 mm

FCC ID: C3K1995		NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Technical Manager
Test Dates: 07/12/2021 – 09/03/2021	DUT Type: Portable Handset			Page 8 of 11

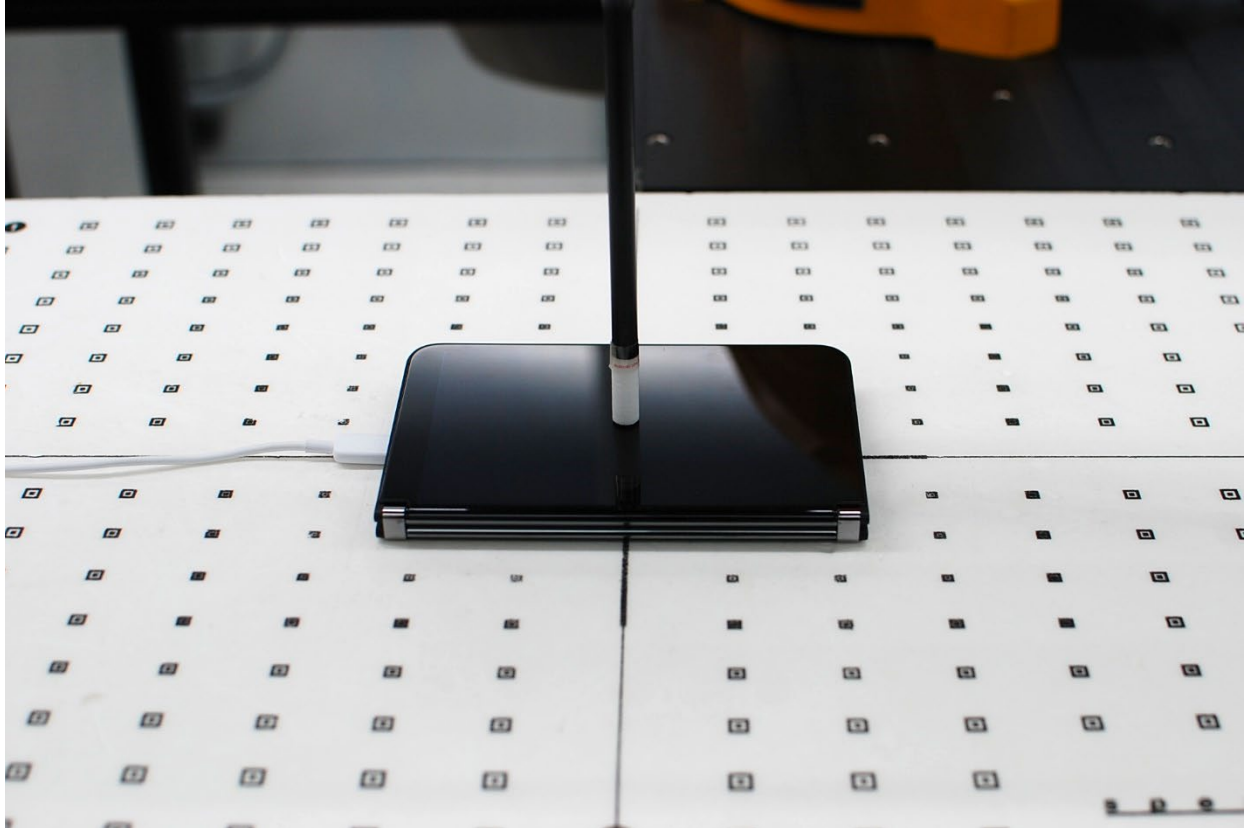




Figure D-9
Near Field Power Density Test Setup Photo – Flip Back at 2 mm

FCC ID: C3K1995		NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Technical Manager
Test Dates: 07/12/2021 – 09/03/2021	DUT Type: Portable Handset			Page 9 of 11

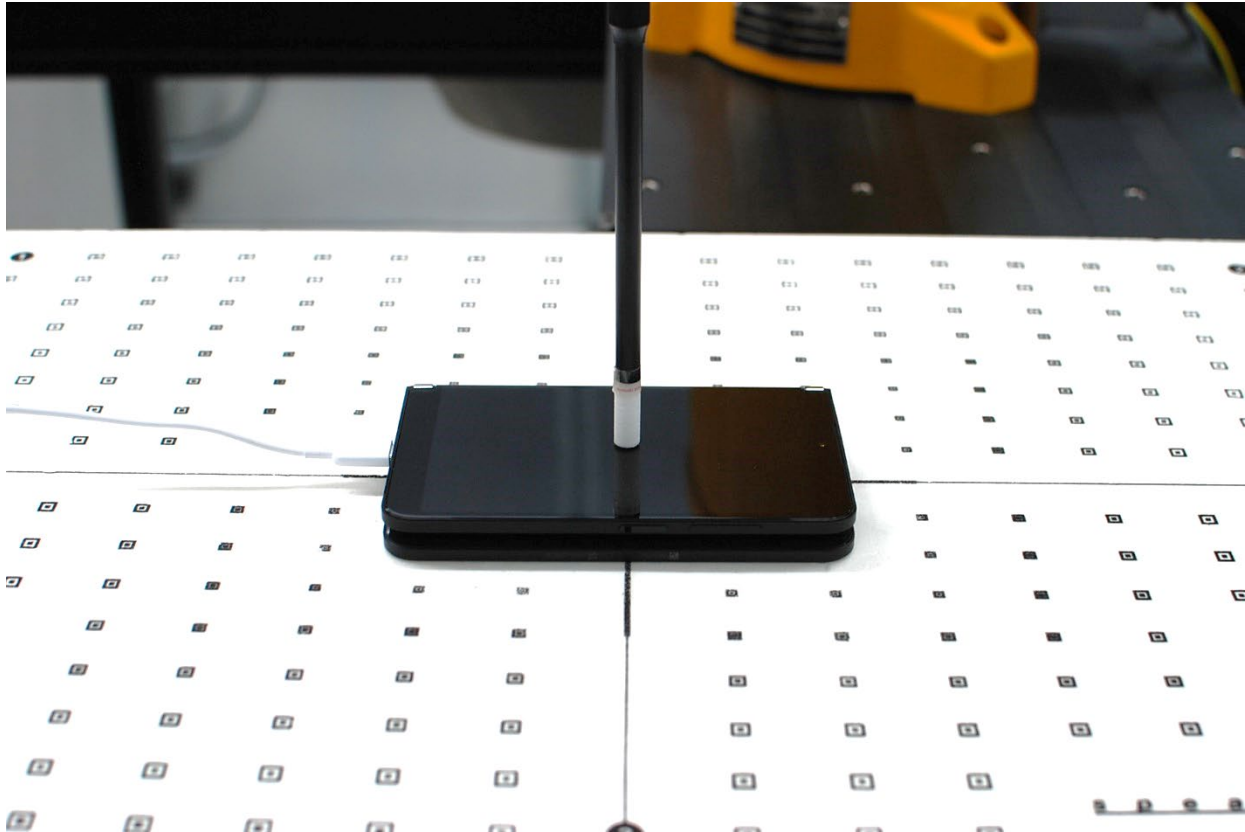




Figure D-10
Near Field Power Density Test Setup Photo – Flip Front at 2 mm

FCC ID: C3K1995	 NEAR-FIELD POWER DENSITY EVALUATION REPORT 	Approved by: Technical Manager
Test Dates: 07/12/2021 – 09/03/2021	DUT Type: Portable Handset	Page 10 of 11

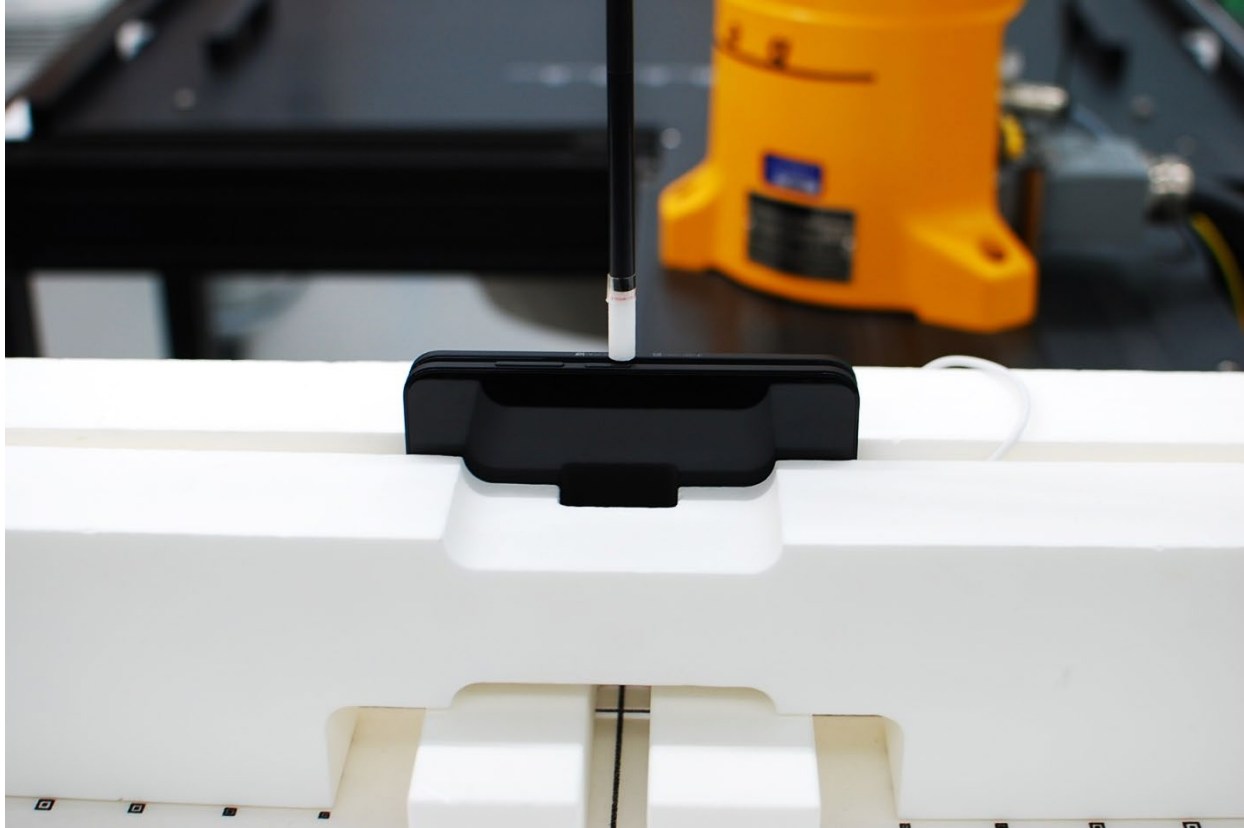




Figure D-11
Near Field Power Density Test Setup Photo – Flip Right at 2 mm

FCC ID: C3K1995		NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Technical Manager
Test Dates: 07/12/2021 – 09/03/2021	DUT Type: Portable Handset			Page 11 of 11