

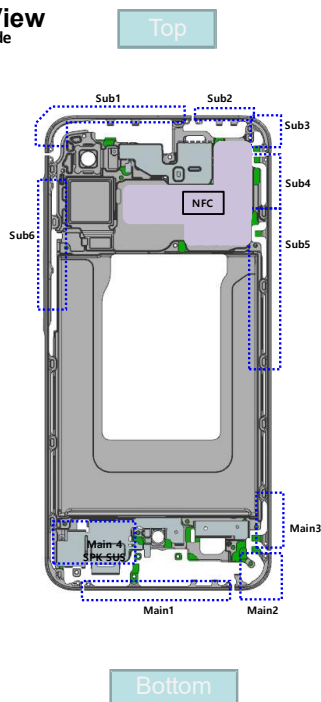
APPENDIX J: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

FCC ID: A3LSMA576U	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 1 of 19

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

* Placement of each antenna

Rear View
Back Side



Tx Antenna Information Blue Highlighted

Ant	Support Band List	Ant	Support Band List
LMB TRX	TRX GSM 850, 1900 TRX WCDMA 2, 4, 5 TRX LTE B 85, 12, 13, 14, 26, 71 TRX LTE MB B2, 4, 25, 66 PRX LTE 29 (DL ONLY) TRX NR B 85, 71 TRX NR MB N2, 25, 66, 70 PRX NR 29 (DL ONLY) AS (ANTENNA SWITCHING) drx GSM 850 drx WCDMA 5 drx LTE B 85, 12, 13, 14, 26, 71 drx NR B 85, 71 PS (PATH SWITCHING) drx LTE B2, 4, 25, 66 drx NR N2, 25, 66, 70	LB DRX, WIFI 5G_0, 6G_0	drx GSM 850 drx WCDMA 5 drx LTE B5, 12, 13, 14, 26, 71 drx NR N5, 71 AS (ANTENNA SWITCHING) TRX GSM 850 TRX WCDMA 5 TRX LTE B5, 12, 13, 14, 26, 71 PRX LTE 29 (DL ONLY) TRX NR N5, 71 PRX NR 29 (DL ONLY)
HB TRX	TRX LTE B7, 30, 38, 41 TRX NR N30, 41 PS (PATH SWITCHING) drx LTE B 87, 38, 39, 41 drx NR N30	UHB TRX, MHB DRX, GPS L1	TRX LTE B48 TRX NR N48, 77, 78 drx GSM 1900 drx WCDMA 2, 4 drx LTE B2, 4, 7, 25, 30, 38, 41, 66 drx NR N2, 25, 30, 41, 66, 70 TRX LTE B2, 4, 25, 66 @ MB-MB/MB-HB-ENDC TRX LTE B7, 30 @ HB-MB-ENDC PS (PATH SWITCHING) TRX LTE B2, 4, 7, 25, 30, 38, 41, 66 TRX NR N2, 25, 30, 66, 70 N48/77/78 SR50
UHB DRX, MB DRX_M	drx LTE B48 drx NR N48, 77, 78 drx mimo WCDMA 2, 4 drx mimo LTE B2, 4, 25, 66 drx mimo NR N2, 25, 66, 70 N48/77/78 SR51	SUB3 [Ant G] (Metal)	WIFI 5G_1, 6G_1
UHB DRX_M	drx mimo LTE B48 drx mimo NR N48, 77, 78 N48/77/78 SR53	SUB4 [Ant H] (Metal)	MHB PRX_M, WIFI 2G_0, Bluetooth
HB DRX_M, WIFI 2G_1	drx mimo LTE B38, 41 drx mimo NR N41	SUB5 [Ant I] (Metal)	PRX MIMO WCDMA 2, 4 PRX MIMO LTE B2, 4, 25, 38, 41, 66 PRX MIMO NR N2, 25, 41, 66, 70
UHB PRX_M		SUB6 [Ant J] (Side slot)	PRX MIMO LTE B48 PRX MIMO NR N48, 77, 78 N48/77/78 SR52

* Diagonal dimension of Display and device

Front View

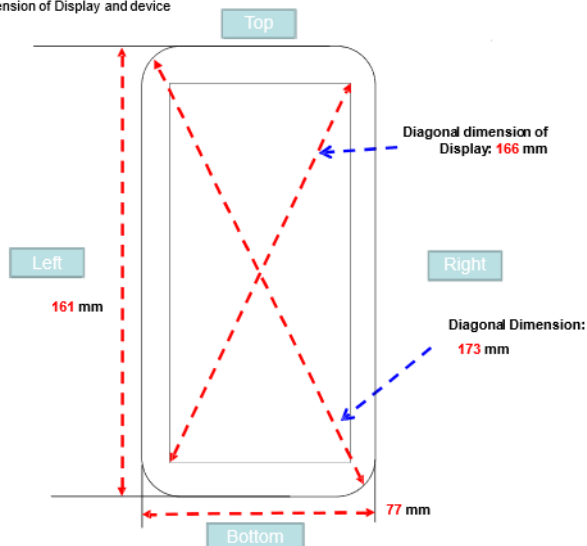


Figure J-1
DUT Antenna Locations

FCC ID: A3LSMA576U	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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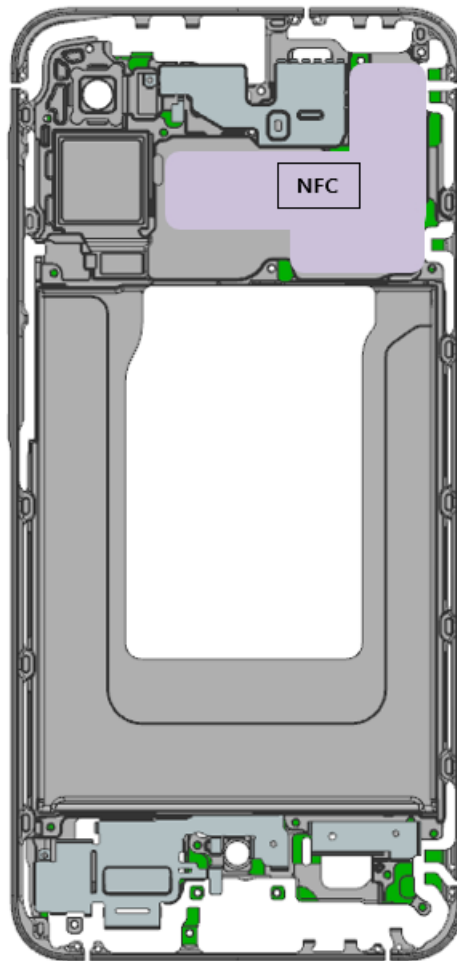
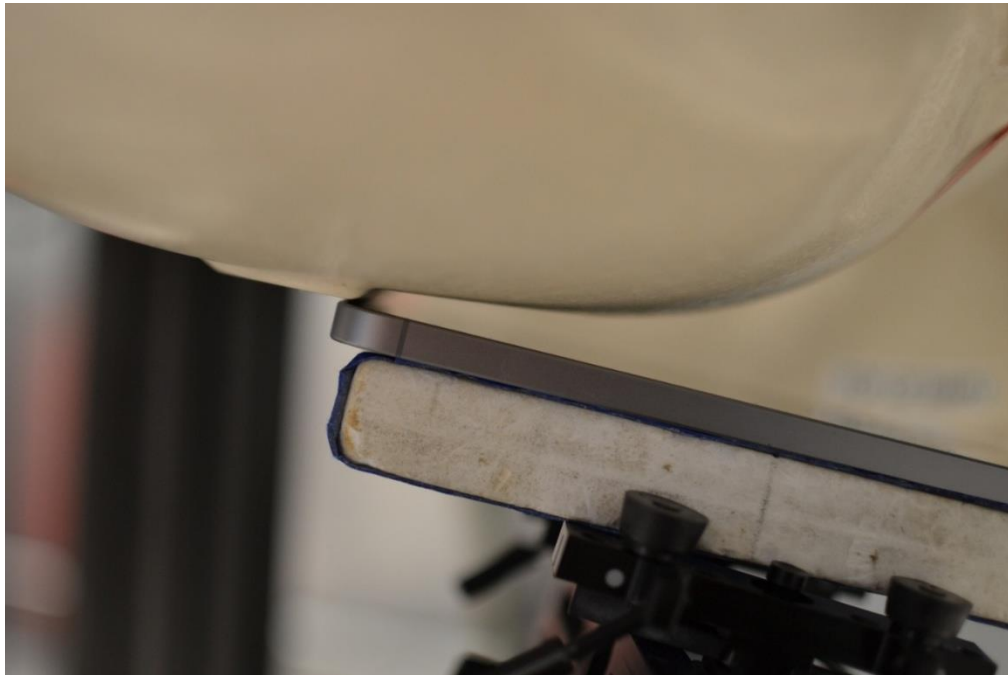


Figure J-2
NFC Antenna Locations

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SAR Test Setup Photo 1 – Head, Right Cheek at 0mm



SAR Test Setup Photo 2 – Head, Right Tilt at 0mm

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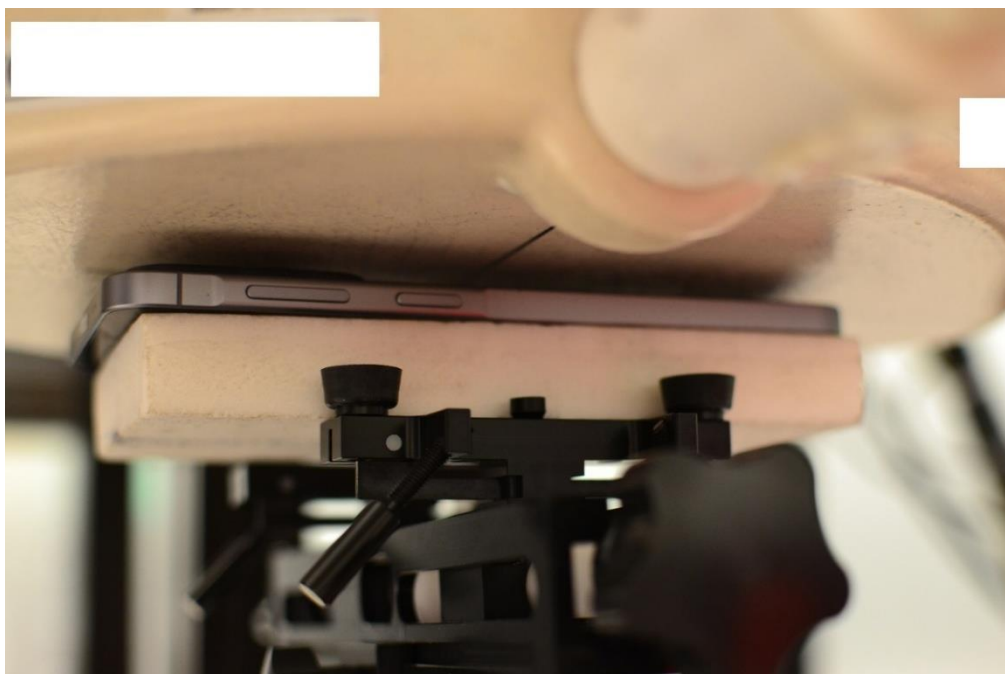


SAR Test Setup Photo 3 – Head, Left Cheek at 0mm



SAR Test Setup Photo 4 – Head, Left Tilt at 0mm

FCC ID: A3LSMA576U	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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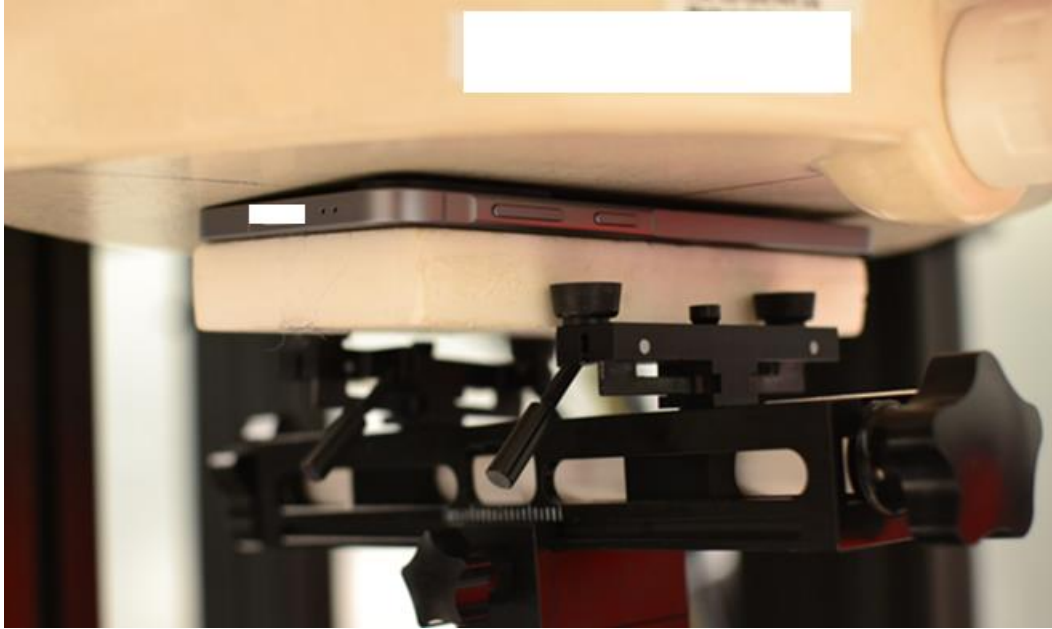


SAR Test Setup Photo 5 – Body-worn/Hotspot, Back Side at 5mm

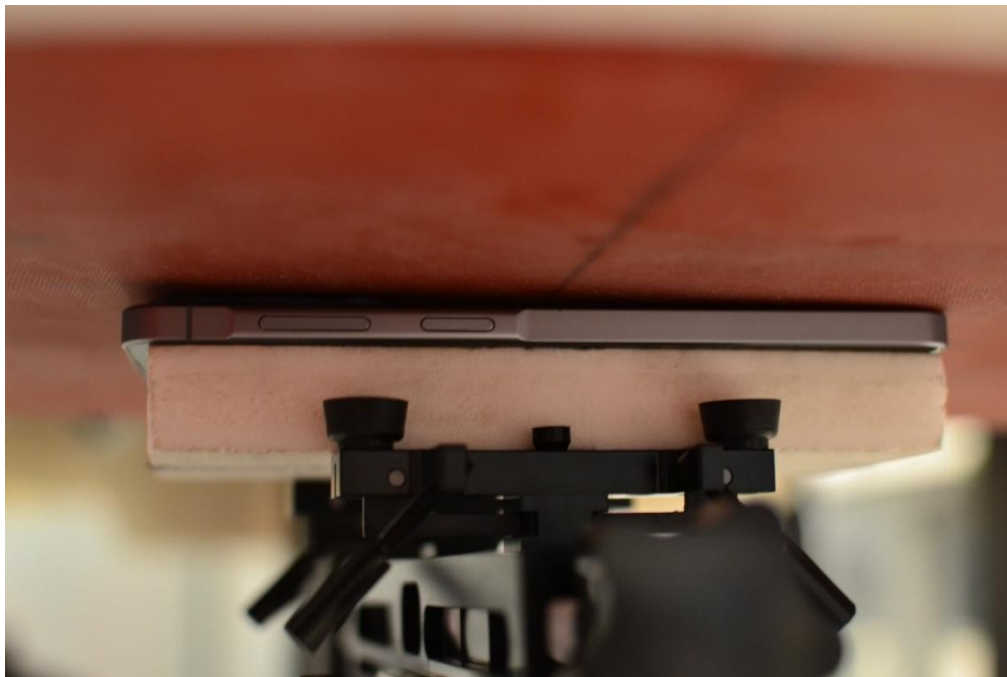


SAR Test Setup Photo 6 – Phablet, Back Side at 0mm (for AG0 bands)

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SAR Test Setup Photo 7 – Phablet, Back Side at 0mm (for AG1 bands)



SAR Test Setup Photo 8 – NFC Phablet, Back Side at 0mm

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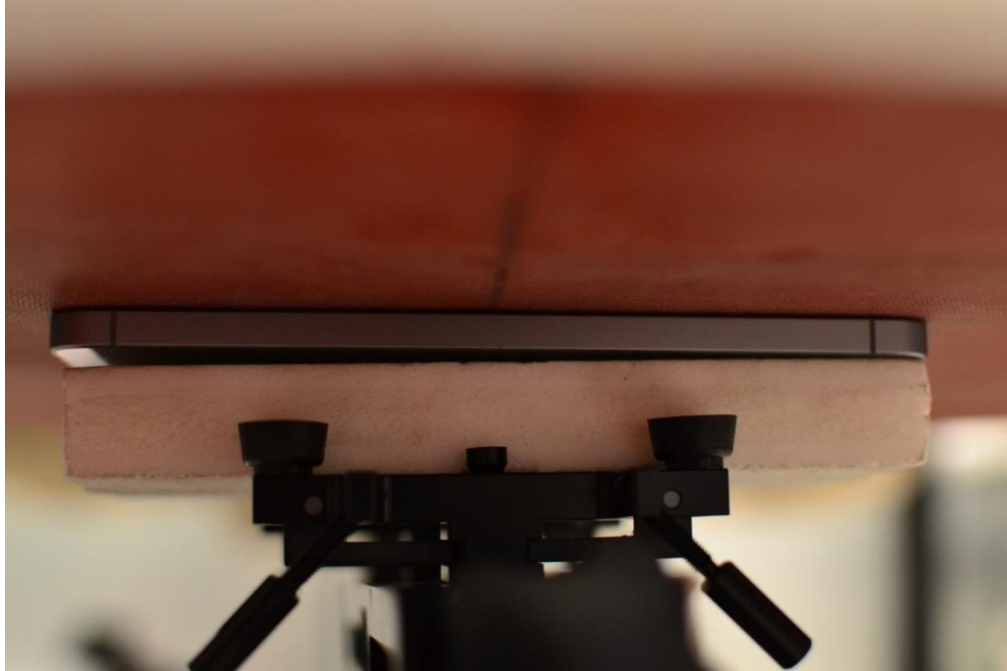
3

SAR Test Setup Photo 9 – Body-worn/Hotspot, Front Side at 5mm

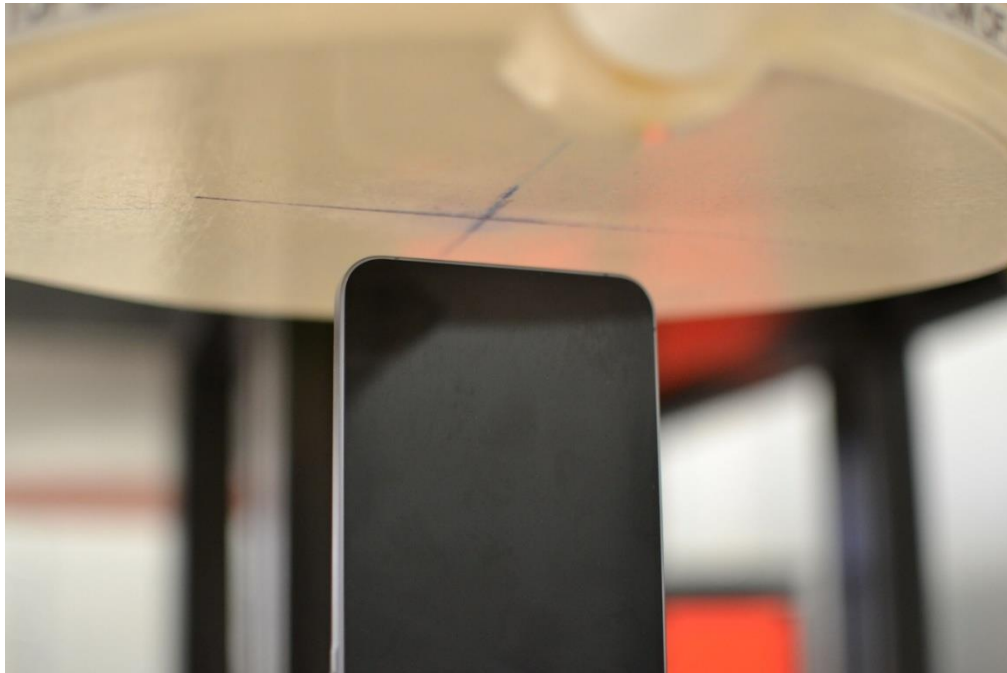


SAR Test Setup Photo 10 – Phablet, Front Side at 0mm

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SAR Test Setup Photo 11 – NFC Phablet, Front Side at 0mm

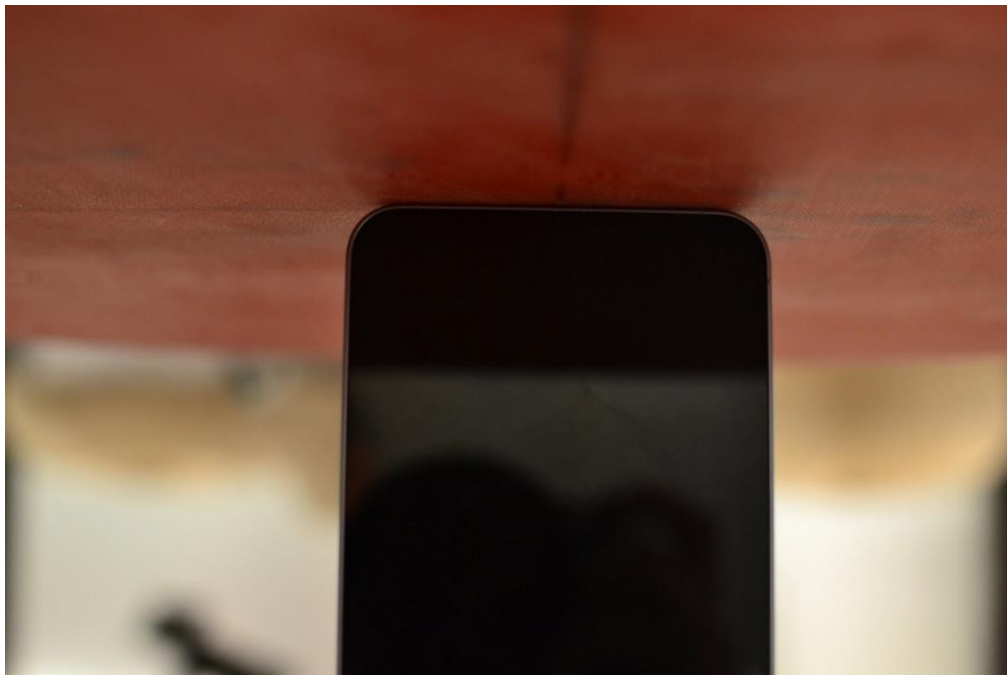


SAR Test Setup Photo 12 – Hotspot, Bottom Edge at 10mm

FCC ID: A3LSMA576U	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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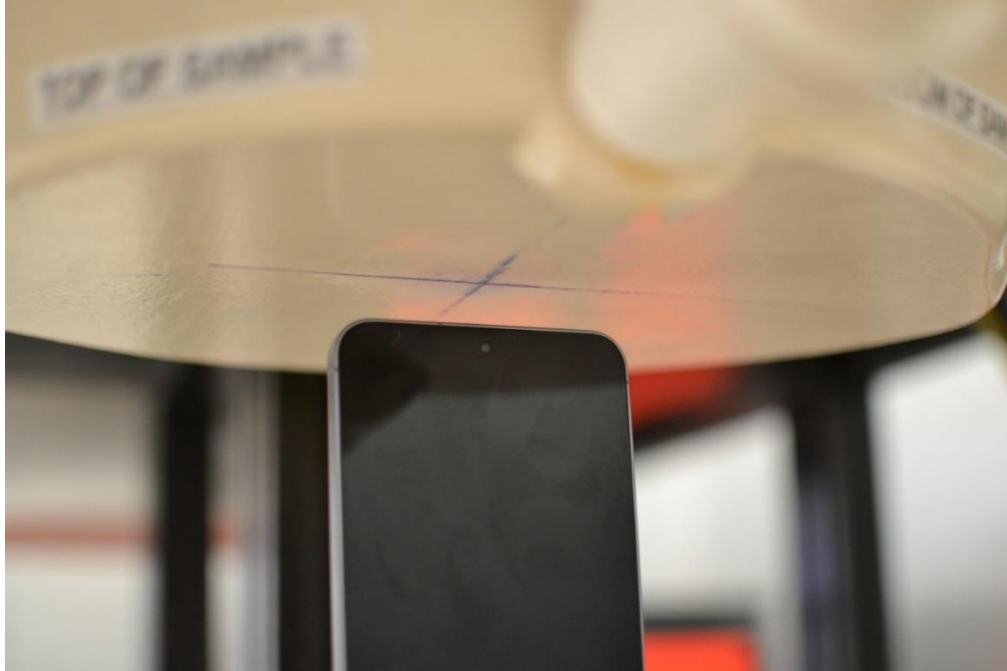


SAR Test Setup Photo 13 – Phablet, Bottom Edge at 0mm



SAR Test Setup Photo 14 – NFC Phablet, Bottom Edge at 0mm

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SAR Test Setup Photo 15 – Hotspot, Top Edge at 10mm

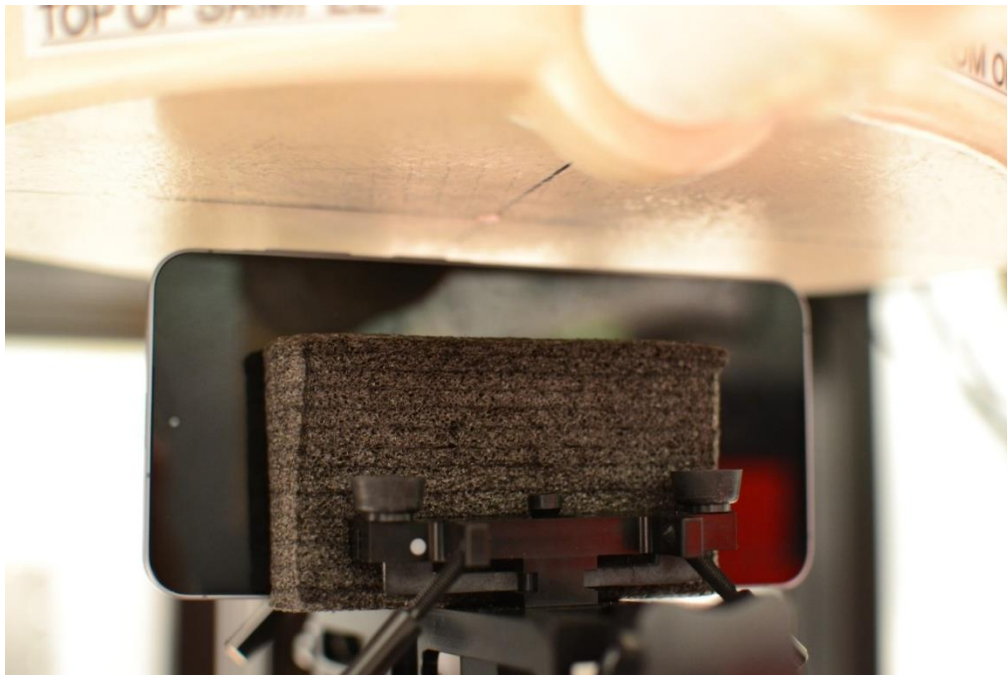


SAR Test Setup Photo 16 – Phablet, Top Edge at 0mm

FCC ID: A3LSMA576U	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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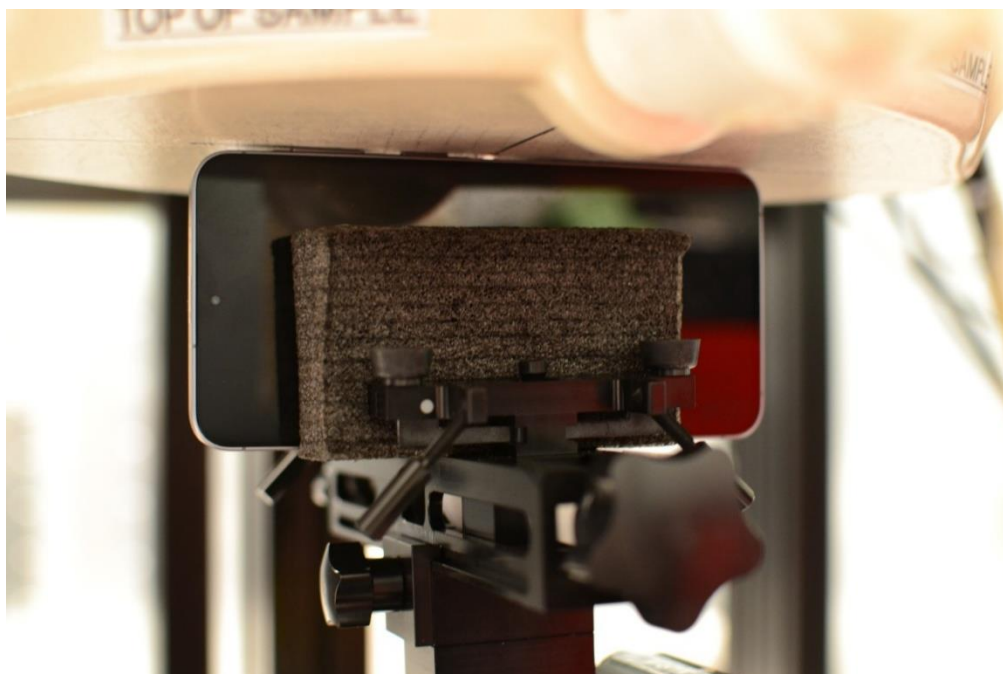


SAR Test Setup Photo 17 – NFC Phablet, Top Edge at 0mm



SAR Test Setup Photo 18 – Hotspot, Right Edge at 10mm

FCC ID: A3LSMA576U	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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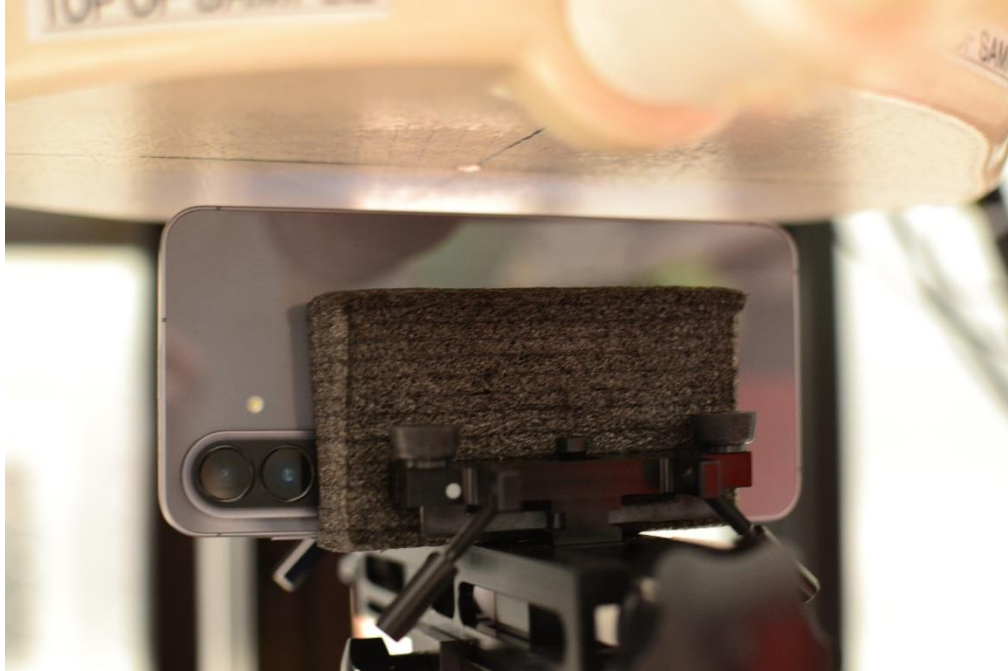


SAR Test Setup Photo 19 – Phablet, Right Edge at 0mm

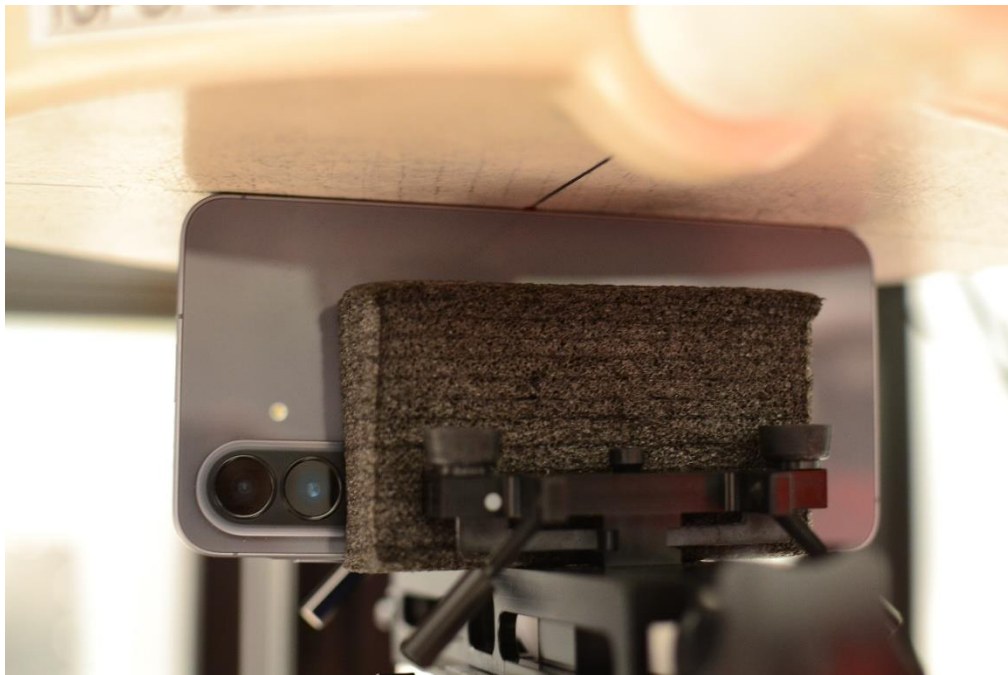


SAR Test Setup Photo 20 – NFC Phablet, Right Edge at 0mm

FCC ID: A3LSMA576U	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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SAR Test Setup Photo 21 – Hotspot, Left Edge at 10mm



SAR Test Setup Photo 22 – Phablet, Left Edge at 0mm

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SAR Test Setup Photo 23 – NFC Phablet, Left Edge at 0mm



SAR Test Setup Photo 24 – Reference Line

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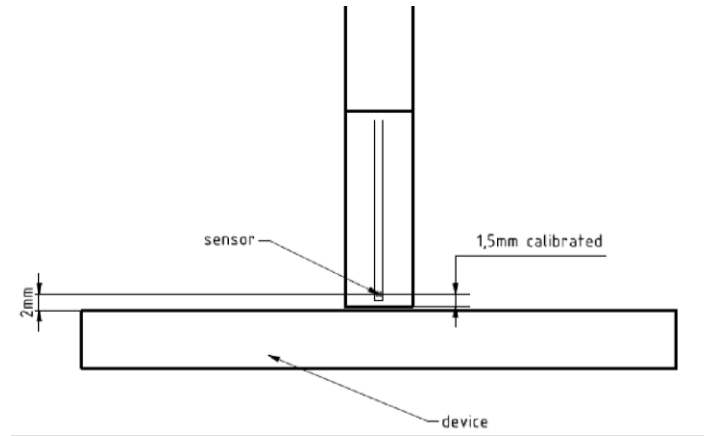


Figure K-3
EUMmWVx Probe

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



PD Test Setup Photo 25 – PD, Back Side at 2mm (Antenna G)

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PD Test Setup Photo 26 – PD, Back Side at 2mm (MIMO)



PD Test Setup Photo 27 – PD, Back Side at 10.07mm (MIMO)

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PD Test Setup Photo 28 – PD, Front Side at 2mm (Antenna G)



PD Test Setup Photo 29 – PD, Front Side at 2mm (MIMO)

FCC ID: A3LSMA576U	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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PD Test Setup Photo 30 – PD, Front Side at 10.07mm (Antenna G)

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