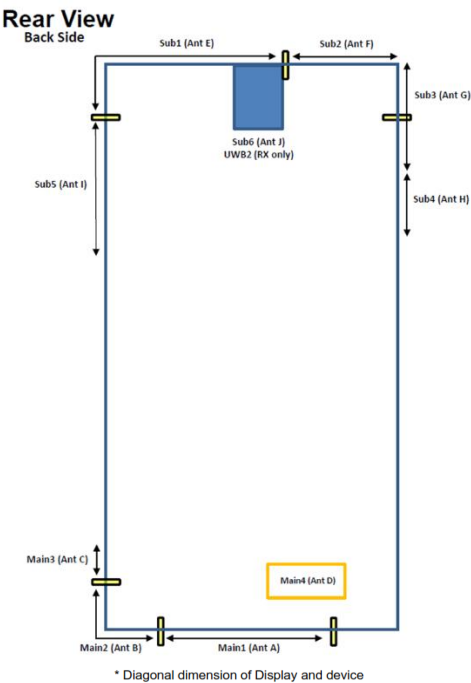


APPENDIX J: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 1 of 23

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

* Placement of each antenna



Tx Antenna Information Blue Highlighted

Ant	Support Band List	Ant	Support Band List
MAIN1 [Ant A]	TX/RX - GSM 1900 - GSM 850, WCDMA B5 (ASDv) - LTE B2/4/66 - NR n66 - LTE B5/12/13 (ASDv) - NR n5 (ASDv) DRX - GSM850, WCDMA B5 - LTE B5/12/13 - NR n5	SUB1 [Ant E]	TX/RX - GSM850, WCDMA B5 - LTE B5/12/13 - NR n5 PRX MIMO - LTE B41 - NR n41 - WIFIP#2 5GHz/6GHz
MAIN2 [Ant B]	TX/RX - LTE B41 (Tx Dev. Hopping) - NR n41 (Tx Dev. Hopping) DRX - LTE B41 - NR n41	SUB2 [Ant F]	TX/RX - LTE B41 - NR n41 - LTE B2/4/66 (Tx Dev. Hopping) - NR n66 (Tx Dev. Hopping) DRX - GSM1900 - LTE B2/4/66 - NR n66 GPS L1
MAIN3 [Ant C]		SUB3 [Ant G]	WIFIP#1 2.4GHz (BT ant1), 5GHz/6GHz GPS L5
MAIN4 [Ant D]	DRX MIMO - LTE B41 - NR n41	SUB4 [Ant H]	DRX - GSM1900 - LTE B2/4/66 - NR n66 GPS L1
		SUB5 [Ant I]	WIFIP#2 2.4GHz/BT ant2
		SUB6 [Ant J]	UWB2

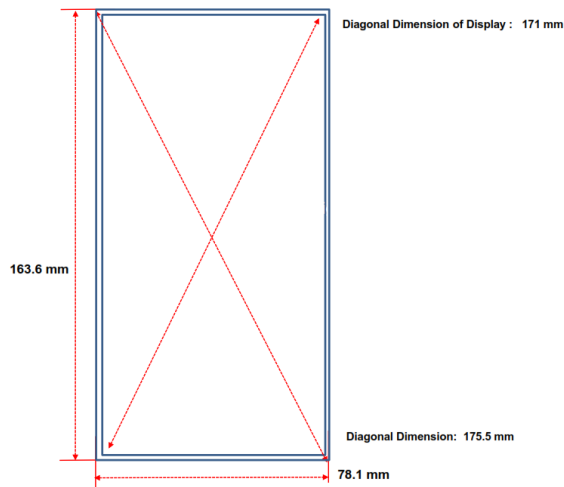


Figure J-1
DUT Antenna Locations

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 2 of 23

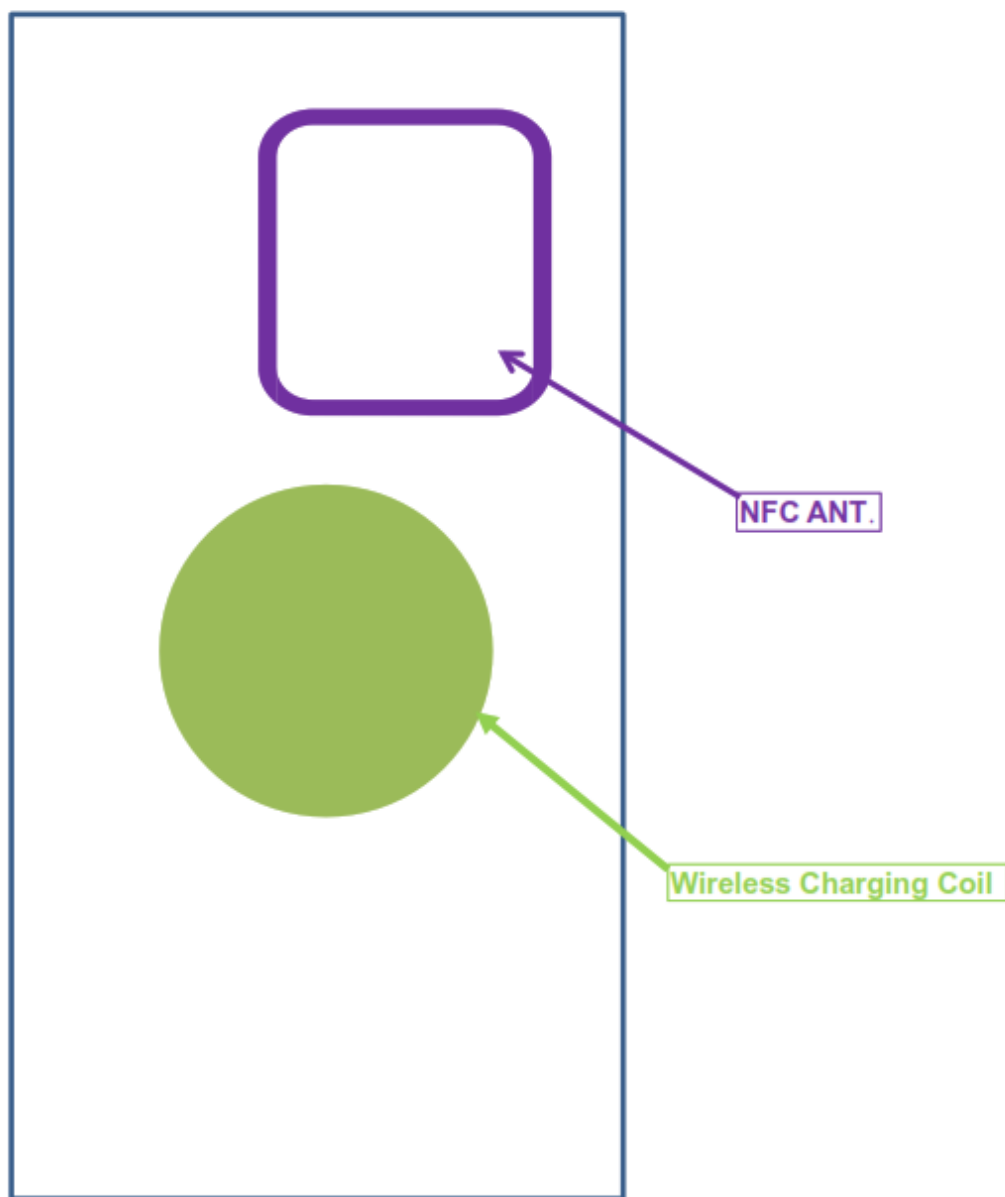
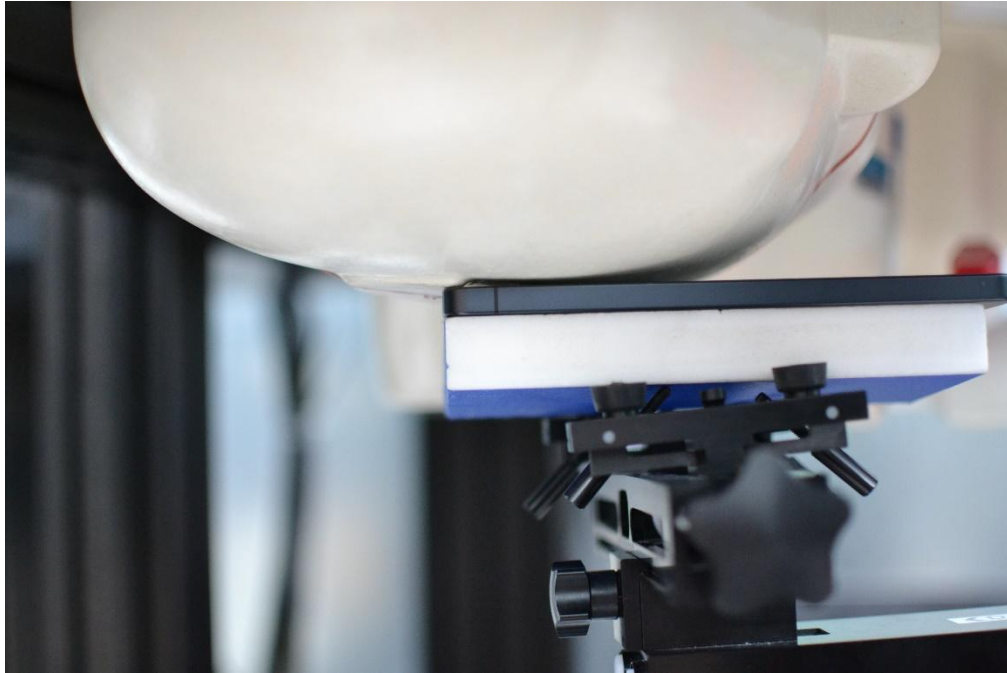


Figure J-2
NFC Antenna Locations

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 3 of 23

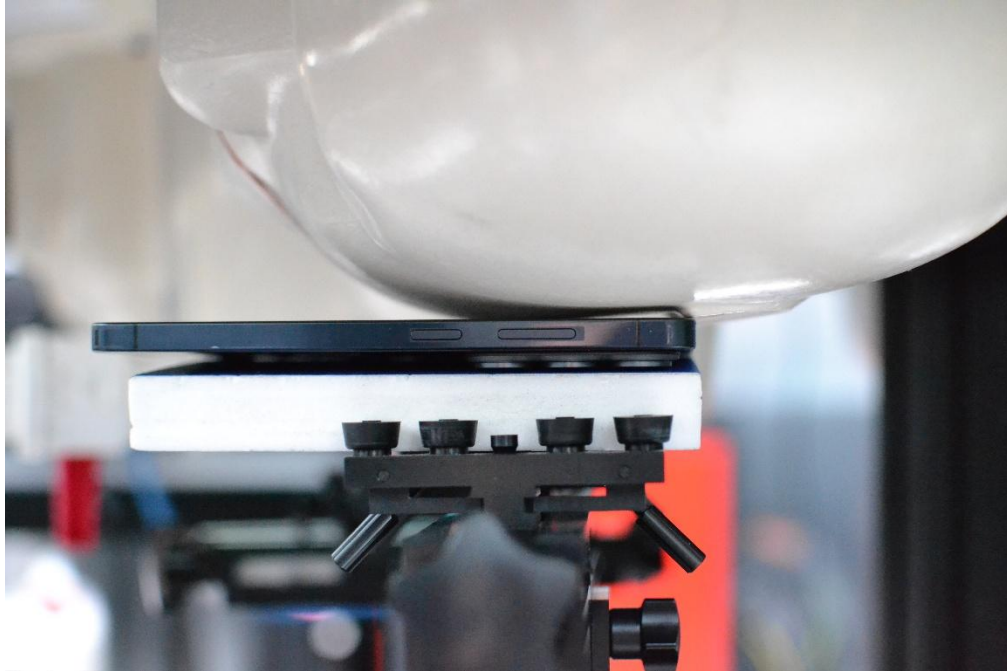


SAR Test Setup Photo 1 – Head, Right Cheek at 0mm



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

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 4 of 23

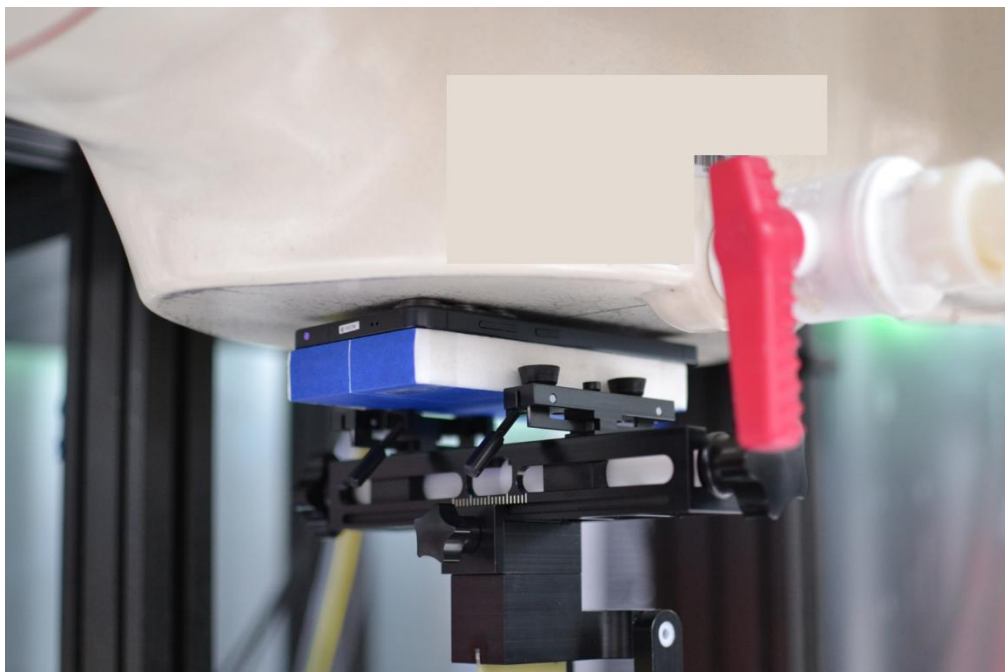


SAR Test Setup Photo 3 – Head, Left Cheek at 0mm



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

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 5 of 23

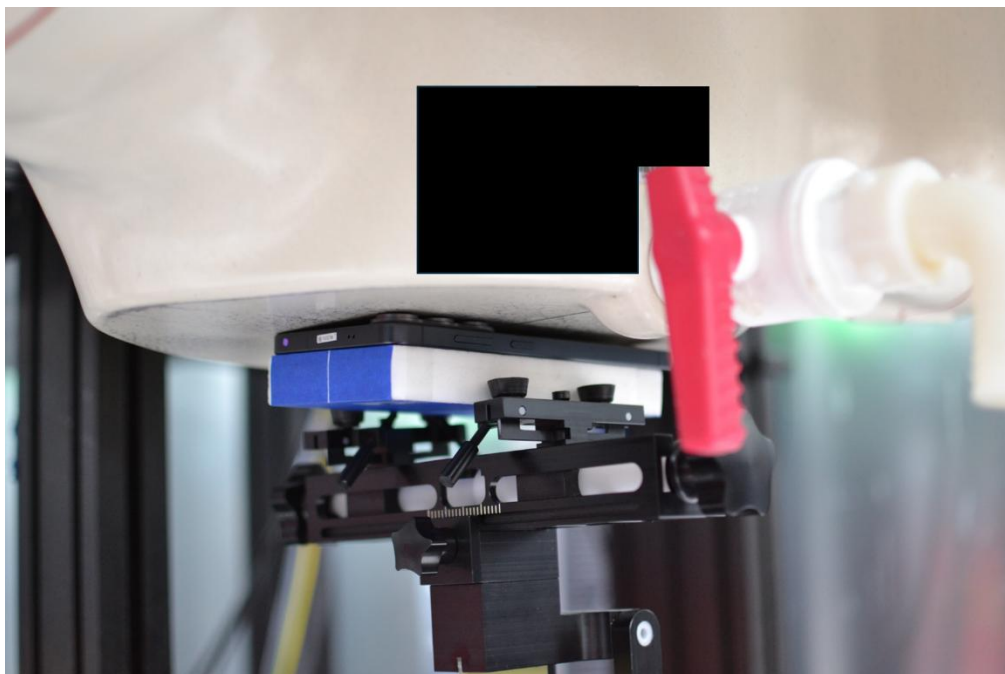


SAR Test Setup Photo 5 – Body-worn/Hotspot, Back Side at 5mm



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

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 6 of 23

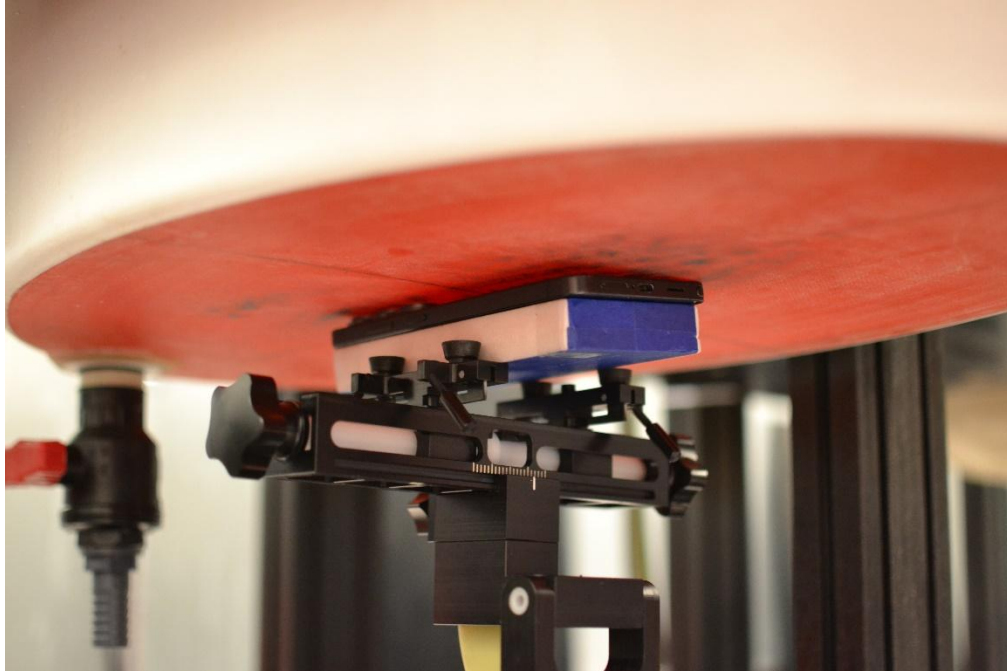


SAR Test Setup Photo 7 – Phablet, Back Side at 0mm (for Antenna G, H, F, I, MIMO)

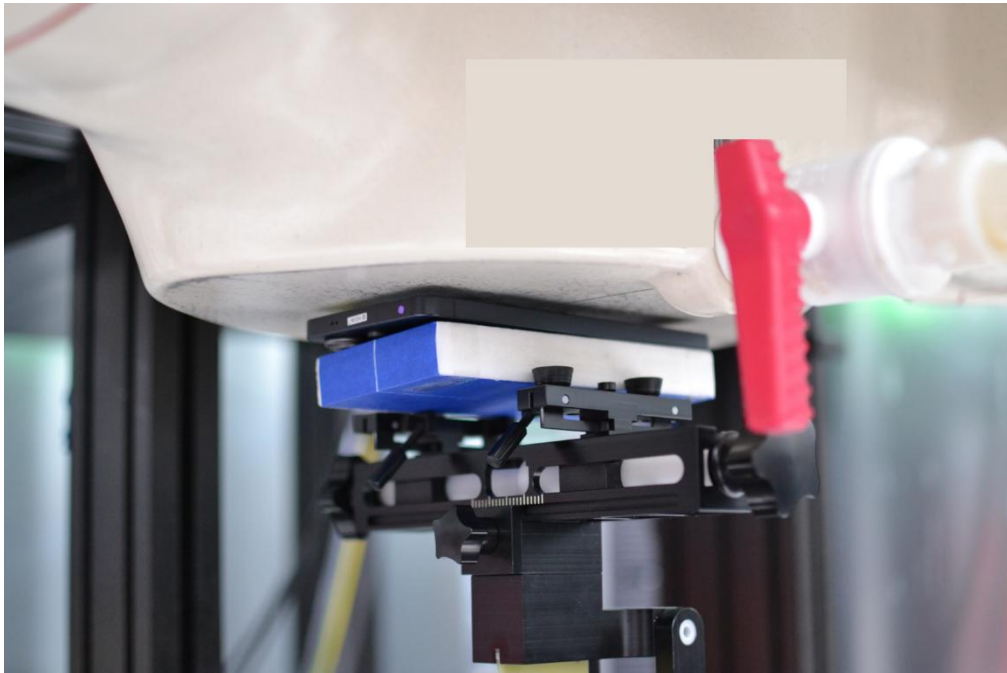


SAR Test Setup Photo 8 – Phablet, Back Side Configuration 2 at 0mm (for Antenna E)

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 7 of 23

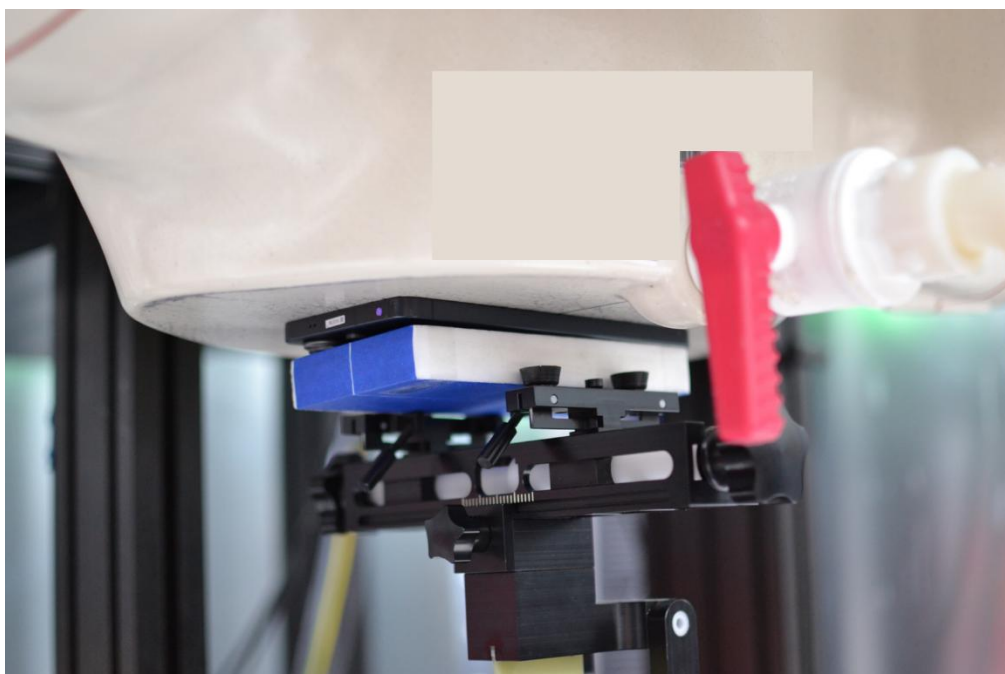


SAR Test Setup Photo 9 – NFC Phablet, Back Side at 0mm

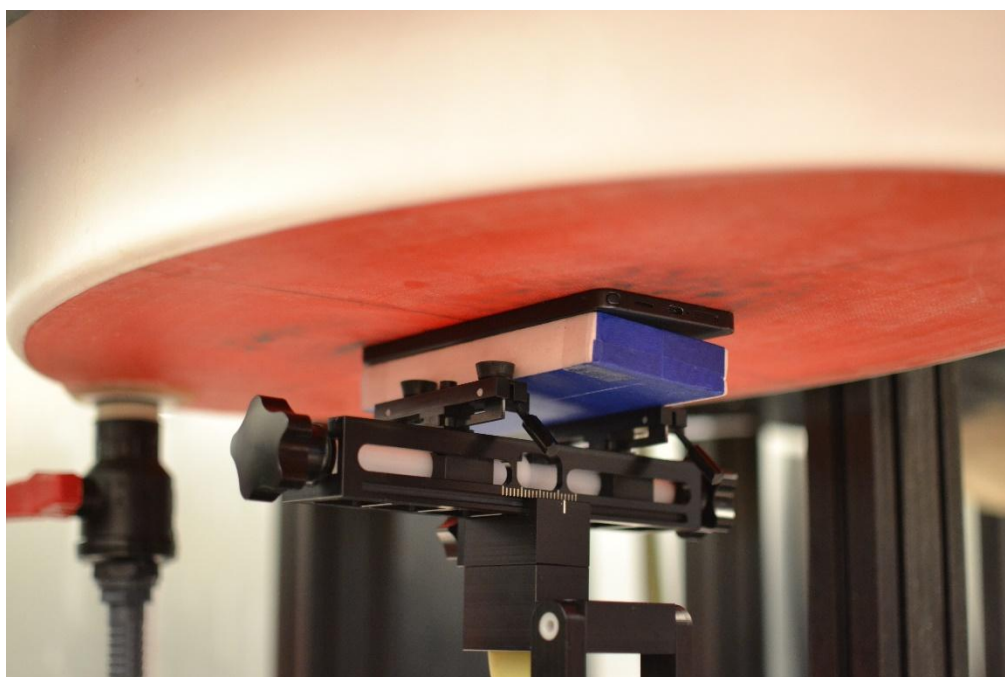


SAR Test Setup Photo 10 – Hotspot, Front Side at 5mm

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 8 of 23

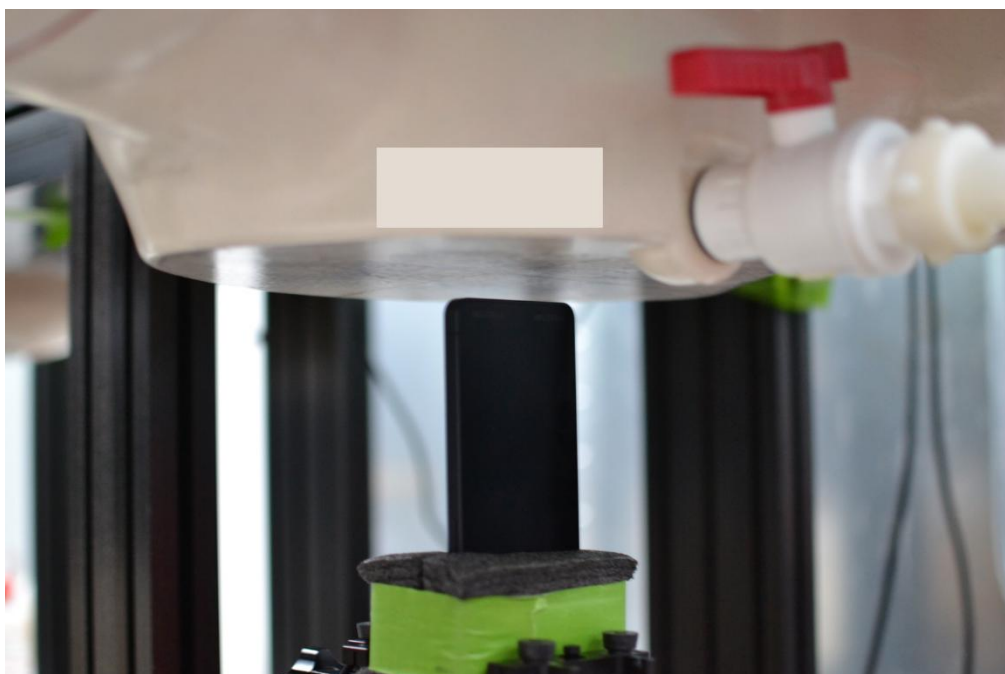


SAR Test Setup Photo 11 – Phablet, Front Side at 0mm

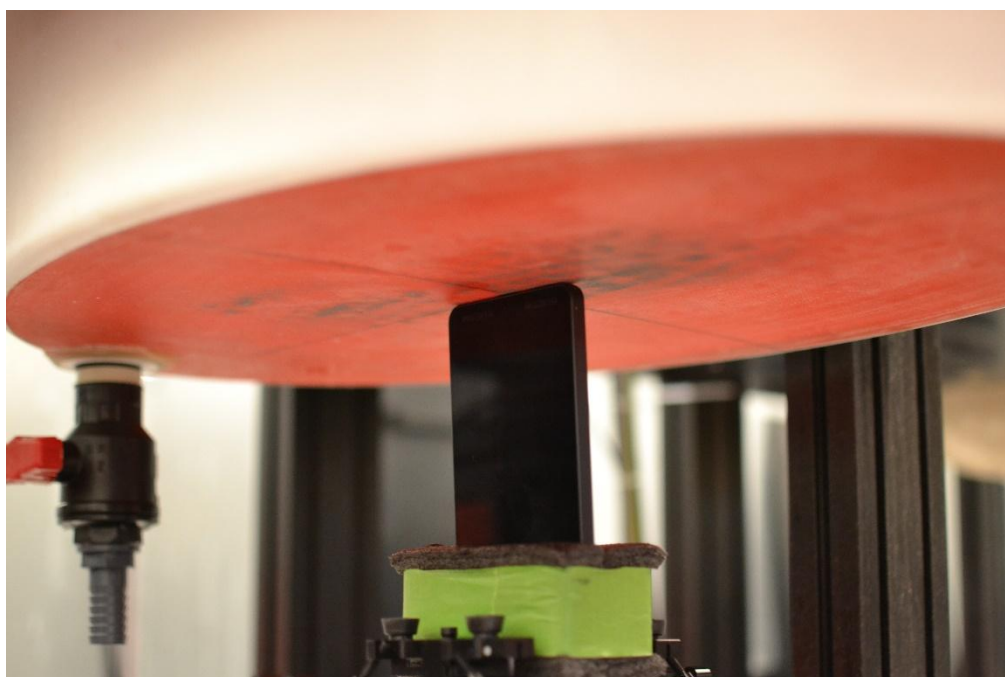


SAR Test Setup Photo 12 – NFC Phablet, Front Side at 0mm

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 9 of 23

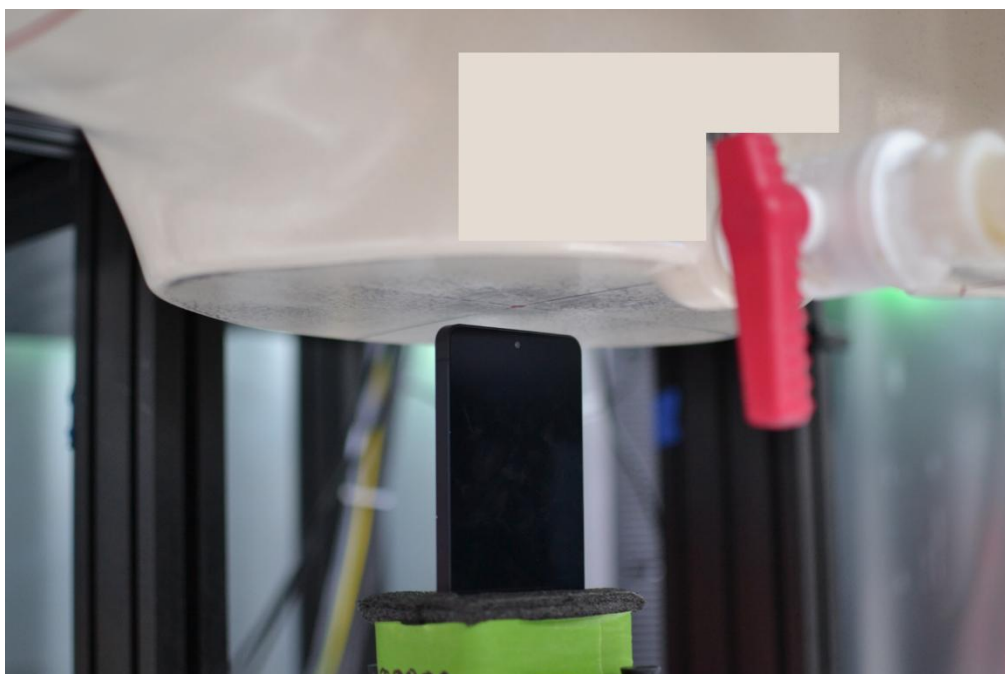


SAR Test Setup Photo 13 – Hotspot, Bottom Edge at 10mm



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

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 10 of 23



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

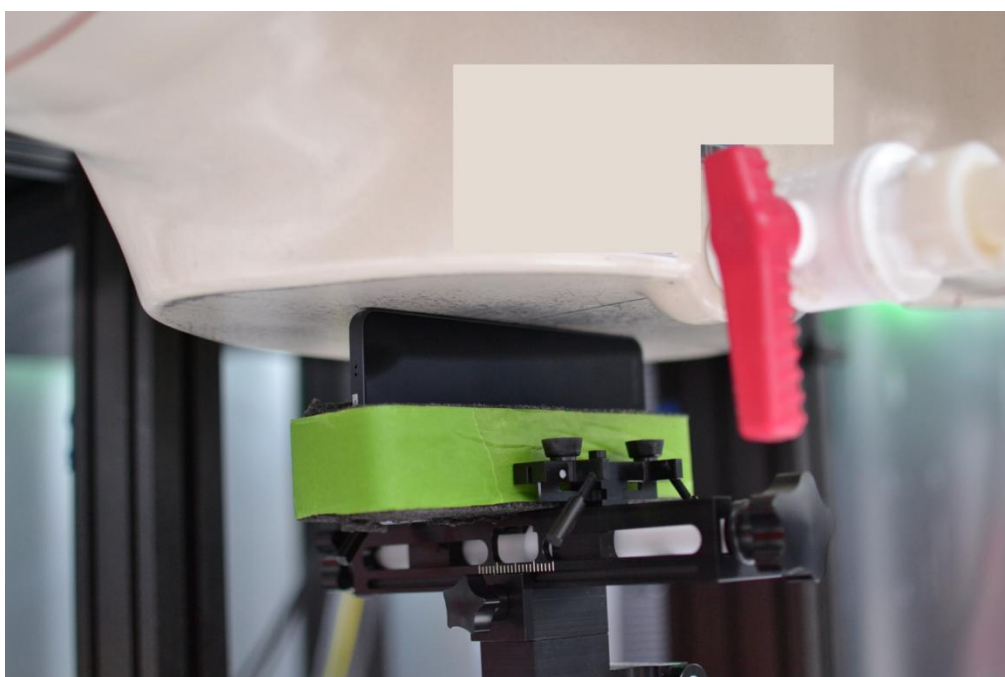


SAR Test Setup Photo 16 – NFC Phablet, Top Edge at 0mm

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 11 of 23

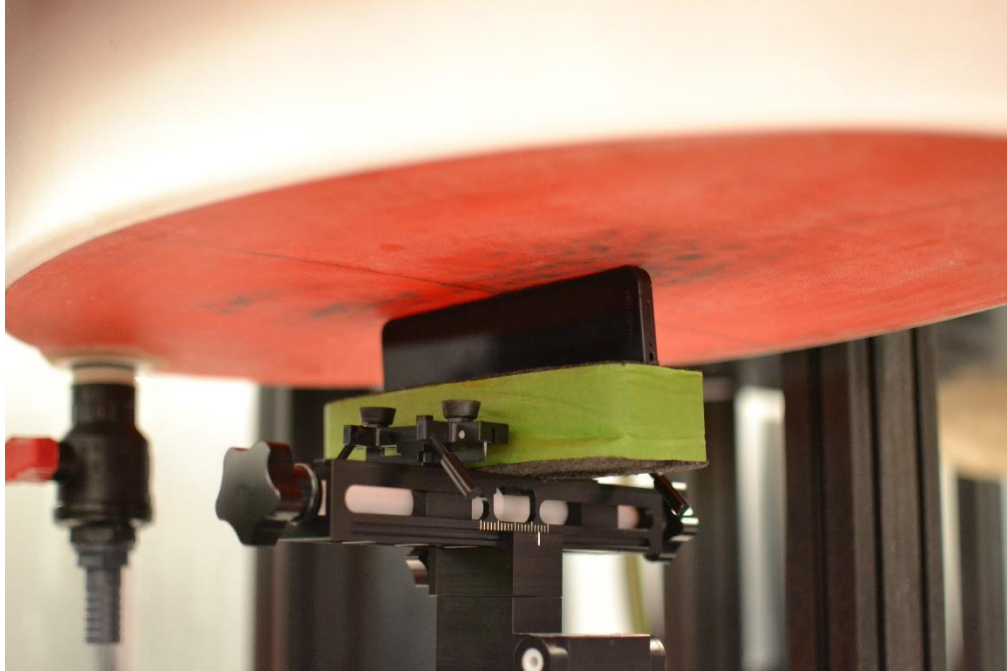


SAR Test Setup Photo 17 – Hotspot, Right Edge at 10mm

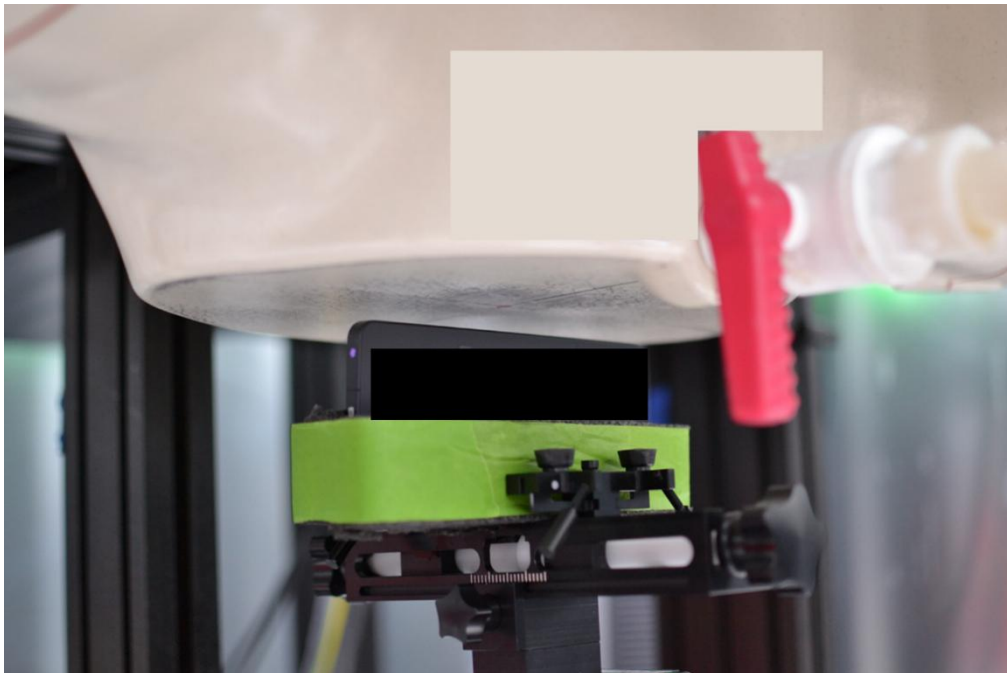


SAR Test Setup Photo 18 – Phablet, Right Edge at 0mm

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 12 of 23



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

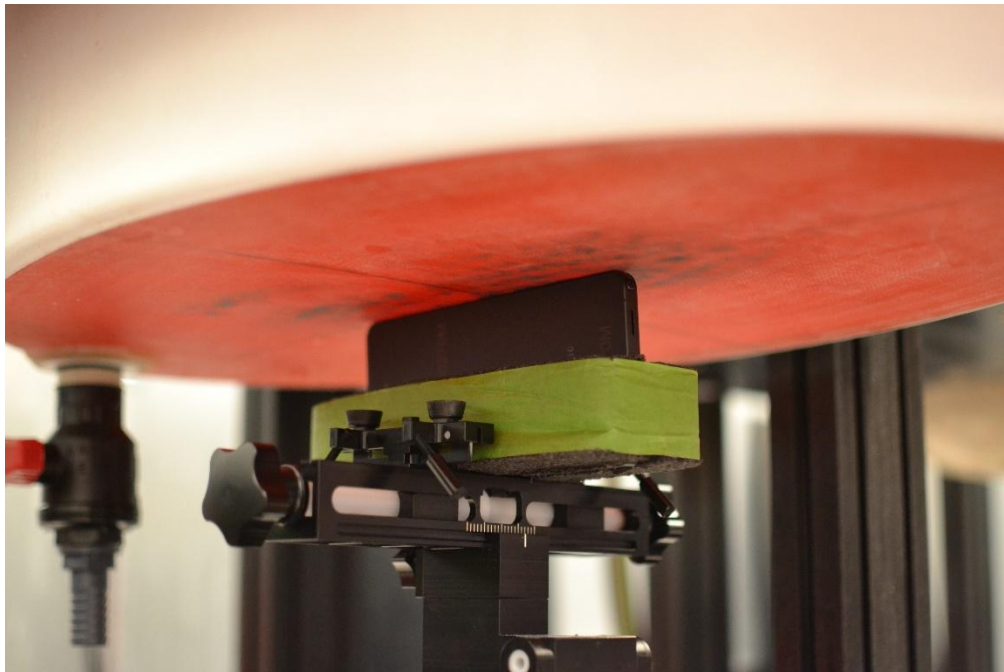


SAR Test Setup Photo 20 – Hotspot, Left Edge at 10mm

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 13 of 23

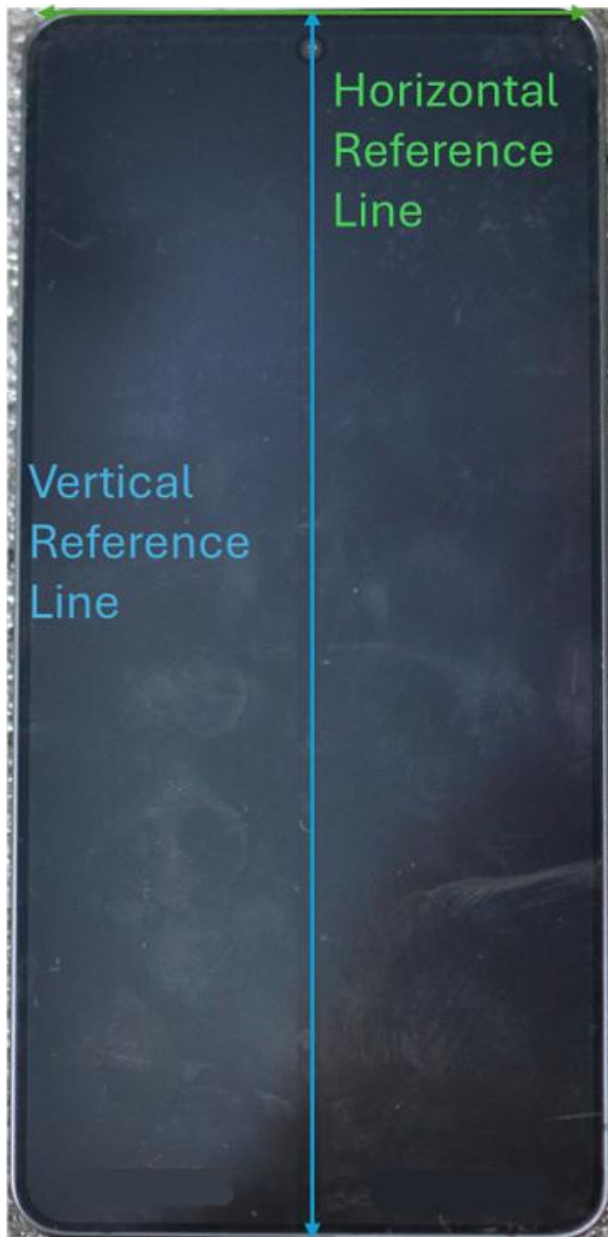


SAR Test Setup Photo 21 – Phablet, Left Edge at 0mm



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

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 14 of 23



SAR Test Setup Photo 23 –Reference Lines

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 15 of 23

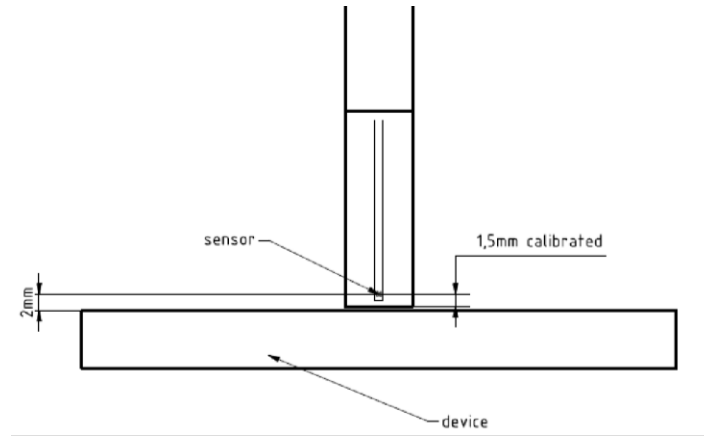


Figure J-3
EUmWVx Probe

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



PD Test Setup Photo 24 – PD, Back Side at 2mm (Antenna G)

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 16 of 23



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

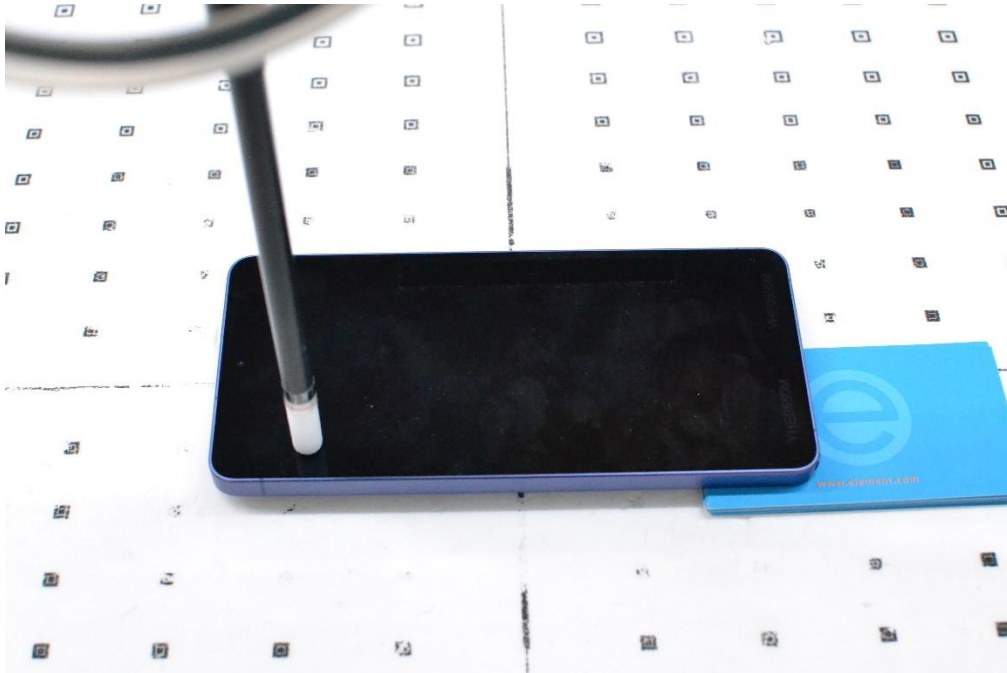


PD Test Setup Photo 26 – PD, Back Side at 2mm (MIMO)

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 17 of 23



PD Test Setup Photo 27 – PD, Back Side at 2mm (Antenna H)



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

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 18 of 23

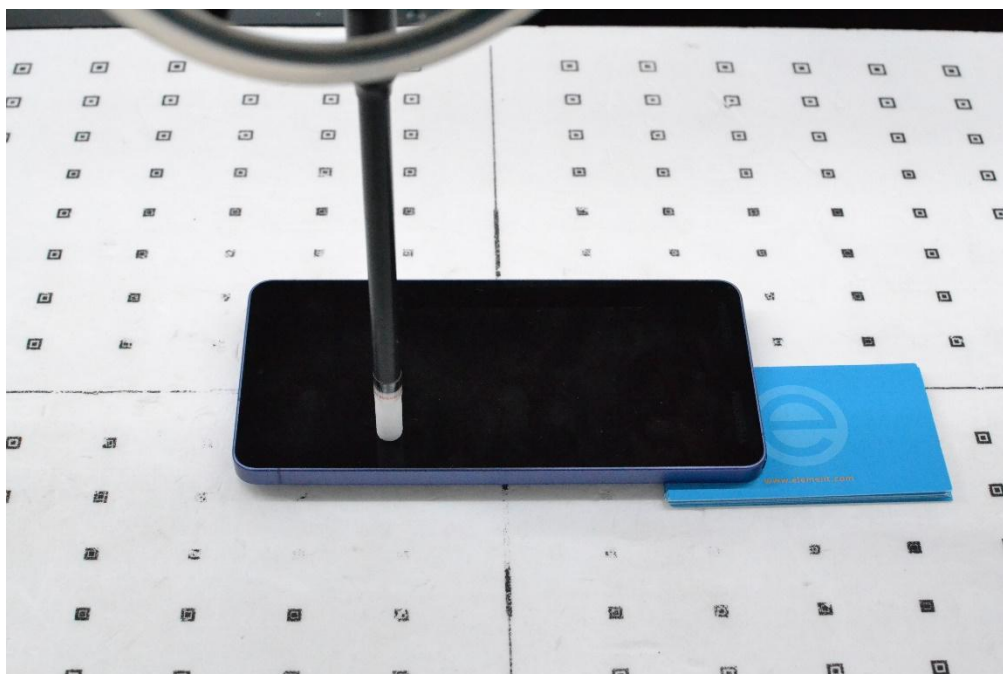


PD Test Setup Photo 29 – PD, Front Side at 2mm (Antenna E)

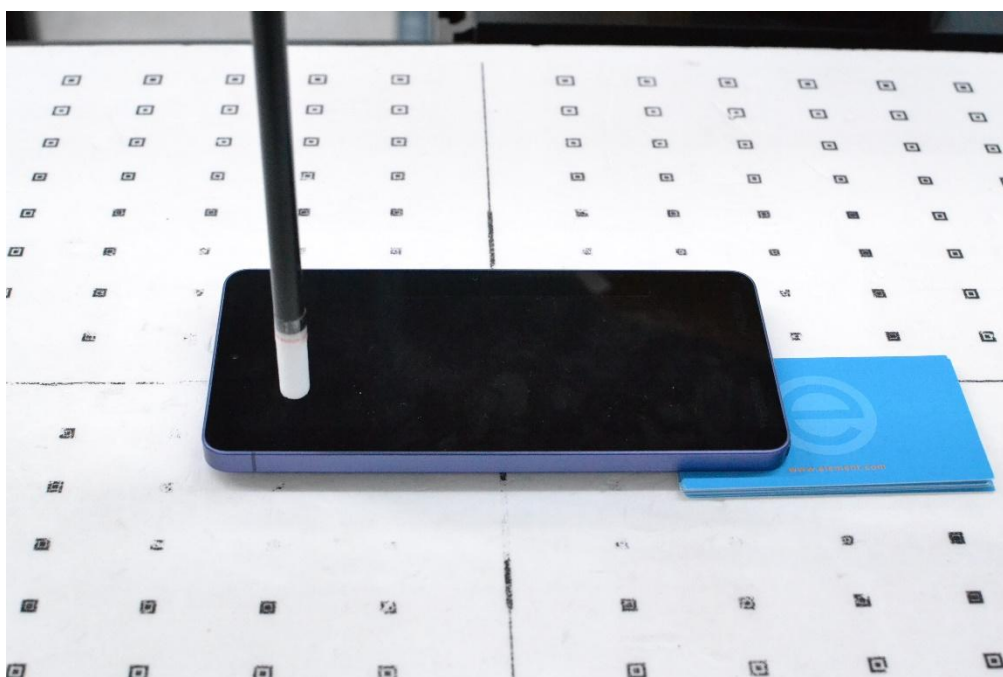


PD Test Setup Photo 30 – PD, Front Side at 2mm (MIMO)

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 19 of 23



PD Test Setup Photo 31 – PD, Front Side at 2mm (Antenna H)



PD Test Setup Photo 32 – PD, Front Side at 9.95mm (Antenna G)

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 20 of 23

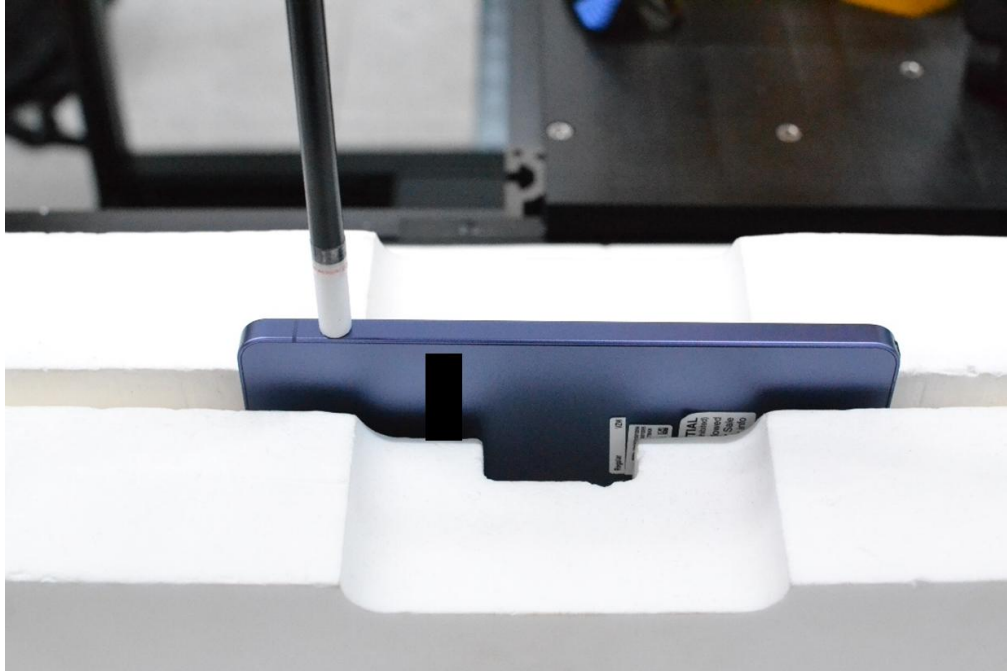


PD Test Setup Photo 33 – PD, Front Side at 9 mm (Antenna E)

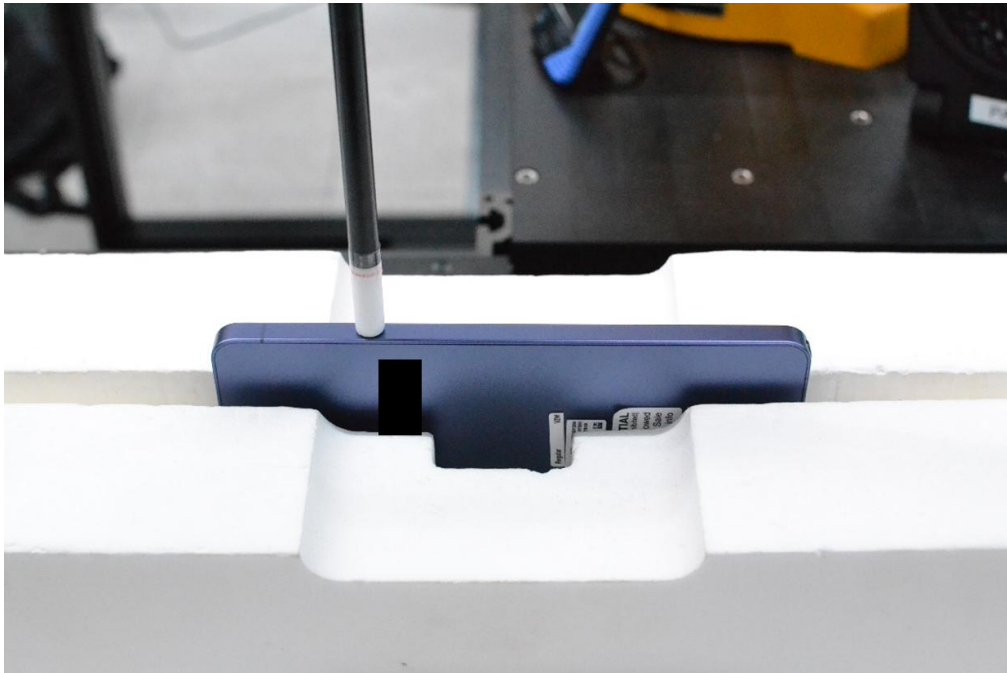


PD Test Setup Photo 34 – PD, Front Side at 9.45mm (MIMO)

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 21 of 23

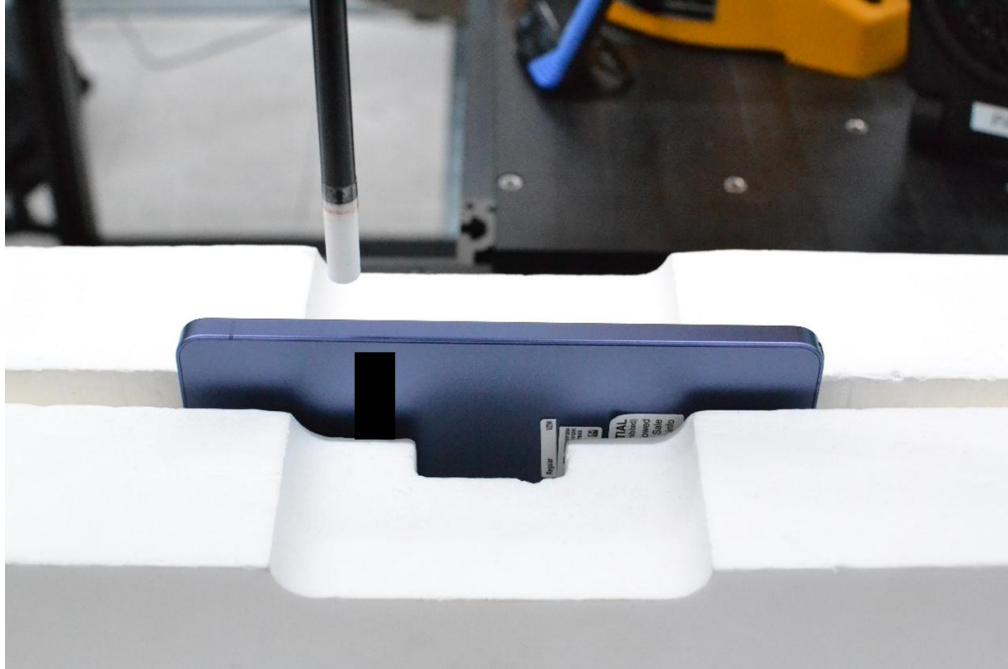


PD Test Setup Photo 35 – PD, Left Edge at 2mm (Antenna G, MIMO)

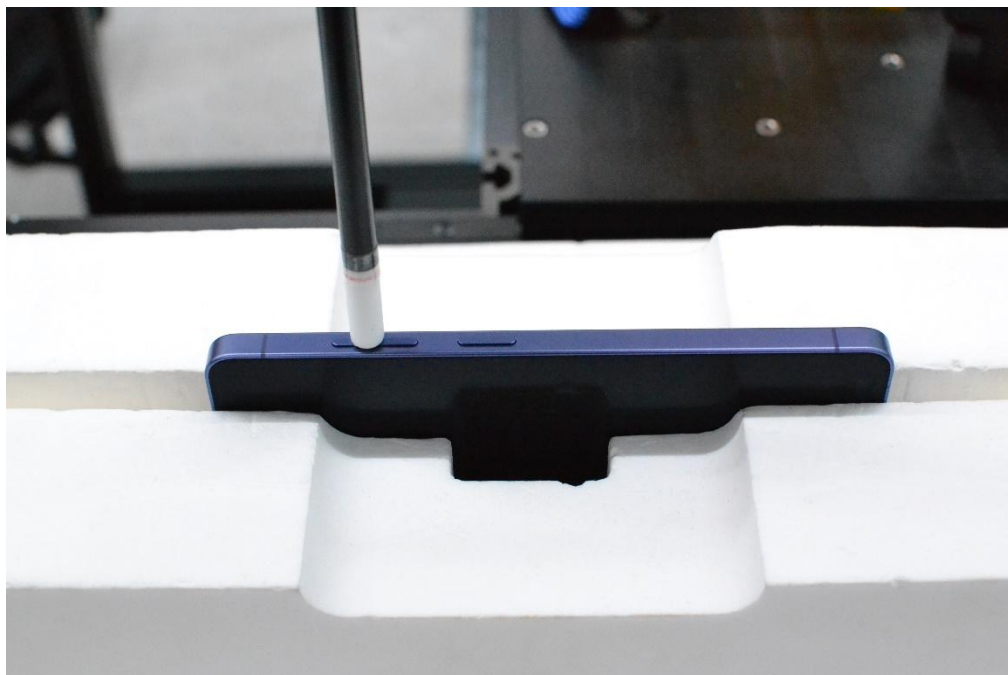


PD Test Setup Photo 36 – PD, Left Edge at 2mm (Antenna H)

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 22 of 23



PD Test Setup Photo 37 – PD, Left Edge at 9.24mm (Antenna H)



PD Test Setup Photo 38 – PD, Right Edge at 2mm (Antenna H)

FCC ID: A3LSMS948JPN	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX J: Page 23 of 23