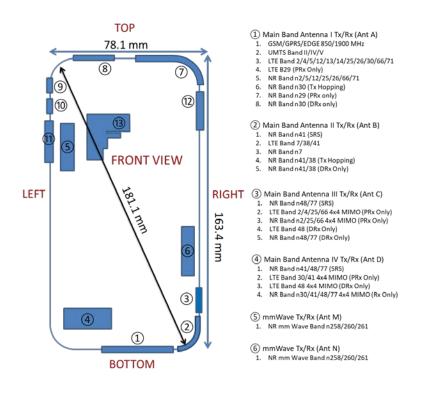


APPENDIX G: DUT ANTENNA DIAGRAM & TEST SETUP PHOTOGRAPHS



- Sub Antenna I Tx/Rx (Ant E)
 NR Band n41 (SRS)
- LTE Band 46 (PRx Only) GSM/GPRS/EDGE 850 MHz (DRx Only)
- UMTS Band V (DRx Only) LTE Band 5/12/13/14/26/29/71 (DRx Only)
- NR Band n5/12/26/29/71 (DRx Only) NR Band n30/41 4x4 MIMO (PRx Only) LTE Band 30/41 4x4 MIMO (DRx Only)
- 9. 5 GHz WLAN Ant 2 10. 6 GHz WLAN Ant 2
- 8 Sub Antenna II Tx/Rx (Ant F)
- LTE Band 2/4/7/25/30/38/41/66 (Tx Hopping)
 NR Band n30/38/41

- NR Band n2/7/25/66 (Tx Hopping) GSM/GPRS/EDGE 1900 MHz (DRx Only)
- UMTS Band II/IV (DRx Only)
- LTE Band 2/4/7/25/30/38/41/66 (DRx only) NR Band n2/7/25/66 (DRx only)
- GPS L1
- 9 Sub Antenna III Tx/Rx (Ant G)
- 1. LTE Band 48
- NR Band n48/77 LTE Band 46 (DRx Only)
- 5 GHz WLAN Ant 1 6 GHz WLAN Ant 1
- 10 Sub Antenna IV Tx/Rx (Ant H)
 - 2.4 GHz WLAN Ant 1
- 2.4 GHz Bluetooth Ant 1
- LTE B2/4/25/66 4x4 MIMO (DRx Only) NR Band n2/25/66 4x4 MIMO (DRx Only)
- GPS L5
- 11 Sub Antenna V Tx/Rx (Ant I)
- NR Band n48/77 (SRS)
- LTE Band 48 4x4 MIMO (PRx Only)
- NR Band n48/77 4x4 MIMO (PRx Only)
- UWB Ant 1
- (12) Sub Antenna VI Tx/Rx (Ant J)
- 1. 2.4 GHz WLAN Ant 2
- 2. 2.4 GHz Bluetooth Ant 2
- (13) UWB Antenna Tx/Rx 1. UWB Ant 2

Figure G-1 **DUT Antenna Locations**

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

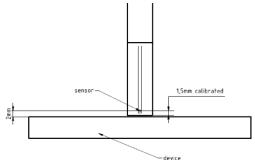


Figure G-2 **EUmmWVx Probe**

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

FCC ID: A3LSMS918U	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 2 of 20

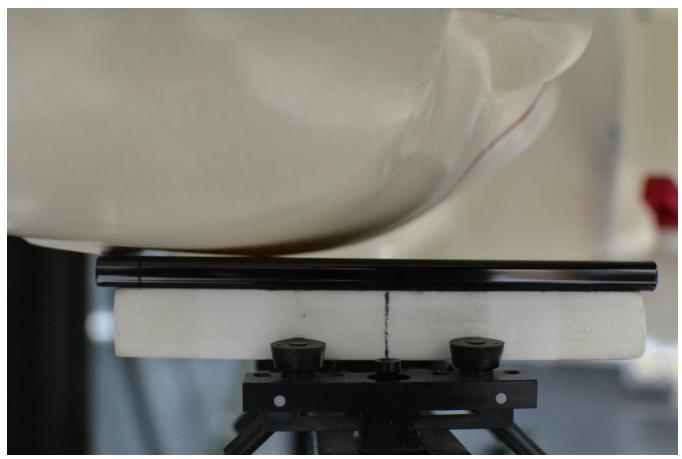


Figure G-3 SAR Test Setup Photo 1- Head, Right Cheek, 0 mm

FCC ID: A3LSMS918U	6 - 8 GHZRF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 3 of 20



Figure G-4 SAR Test Setup Photo - Head, Right Tilt, 0 mm

FCC ID: A3LSMS918U	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 4 of 20

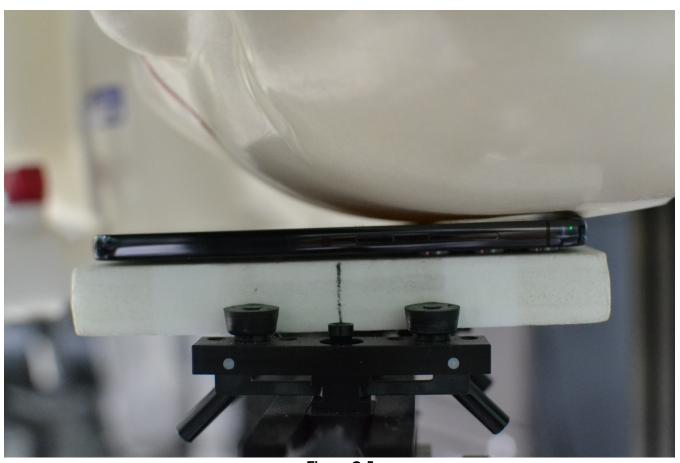


Figure G-5 SAR Test Setup Photo – Head, Left Cheek, 0 mm

FCC ID: A3LSMS918U	6 - 8 GHZRF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 5 of 20

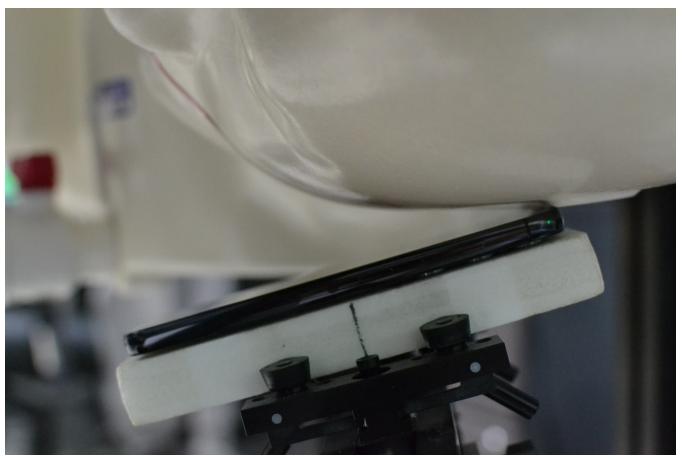


Figure G-6 SAR Test Setup Photo– Head, Left Tilt, 0 mm

FCC ID: A3LSMS918U	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 6 of 20

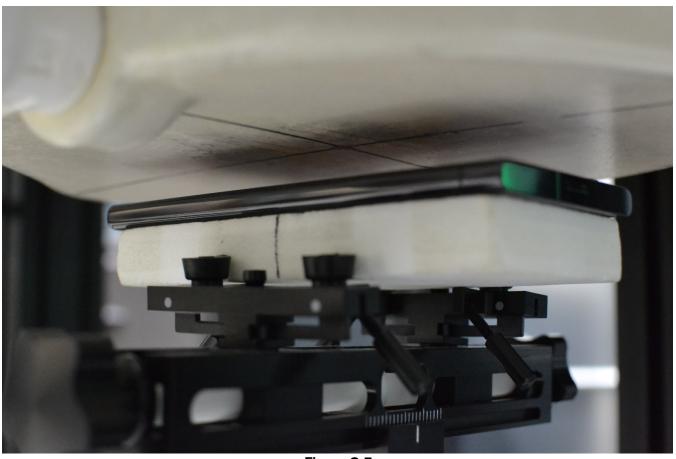


Figure G-7 SAR Test Setup Photo– Body-worn, Back Side, 15 mm

FCC ID: A3LSMS918U	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 7 of 20



Figure G-8 SAR Test Setup Photo- Phablet, Back Side, 0 mm

FCC ID: A3LSMS918U	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 8 of 20

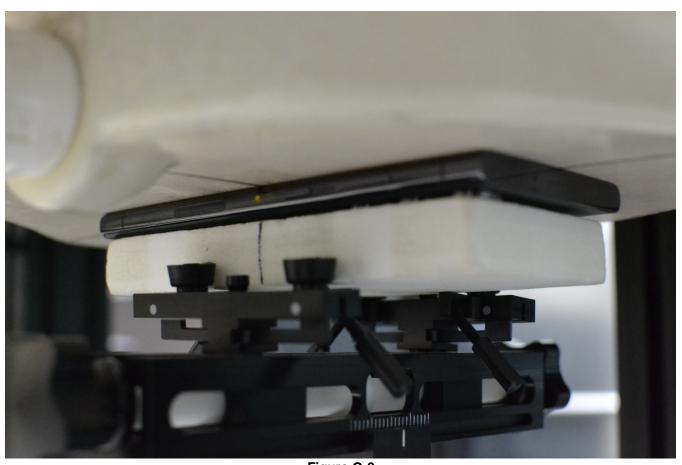


Figure G-9 SAR Test Setup Photo– Phablet, Front Side, 0 mm

FCC ID: A3LSMS918U	6 - 8 GHZRF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 9 of 20

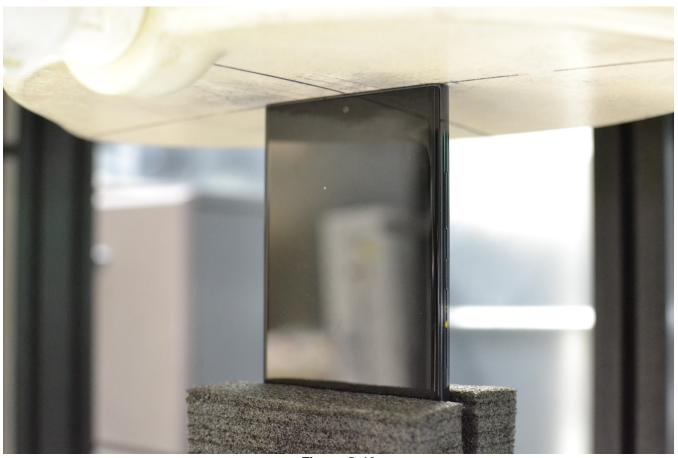


Figure G-10 SAR Test Setup Photo– Phablet, Top Edge, 0 mm

FCC ID: A3LSMS918U	6 - 8 GHZRF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 10 of 20

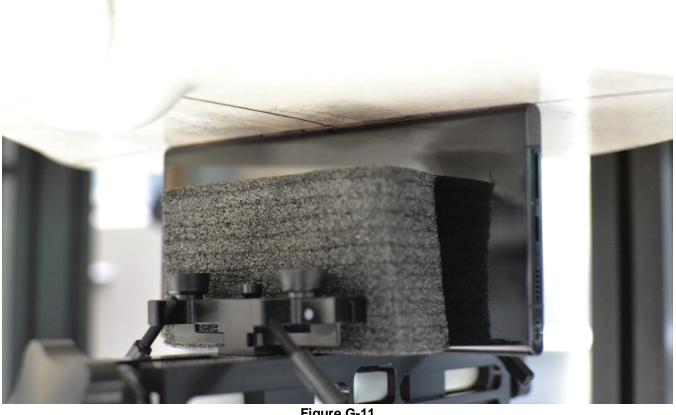


Figure G-11 SAR Test Setup Photo– Phablet, Right Edge, 0 mm

FCC ID: A3LSMS918U	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 11 of 20

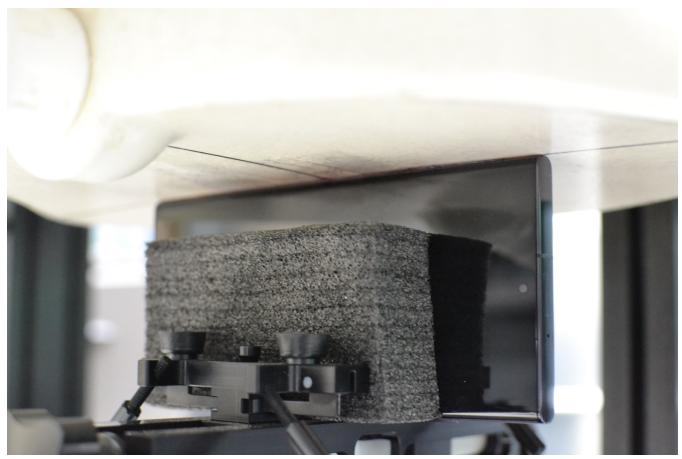


Figure G-12 SAR Test Setup Photo– Phablet, Left Edge, 0 mm

FCC ID: A3LSMS918U	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 12 of 20



Figure G-13
SAR Test Setup Photo – Horizonal and Vertical Reference Lines

FCC ID: A3LSMS918U	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 13 of 20

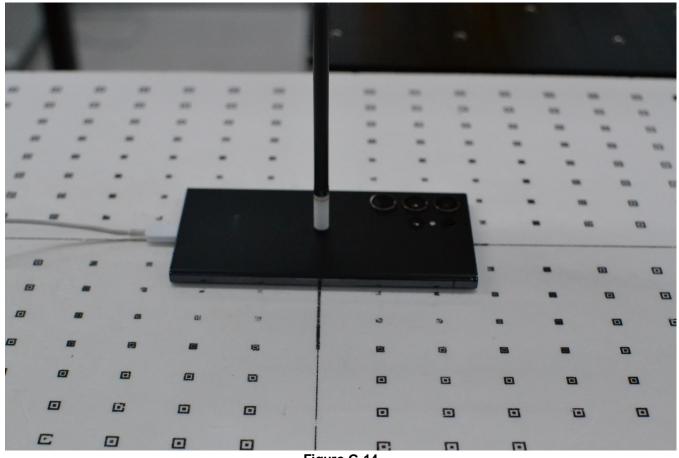


Figure G-14
Near Field Power Density Test Setup Photo – Back Side at 2 mm

FCC ID: A3LSMS918U	6 - 8 GHZRF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 14 of 20

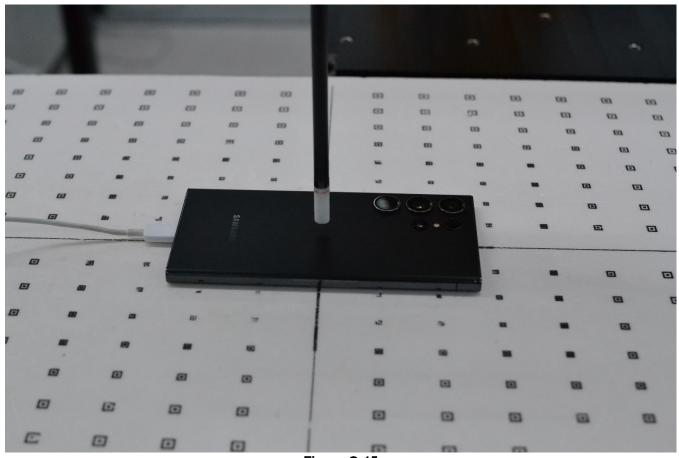


Figure G-15 Near Field Power Density Test Setup Photo – Back Side at 9.24 mm

FCC ID: A3LSMS918U	6 - 8 GHZRF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 15 of 20

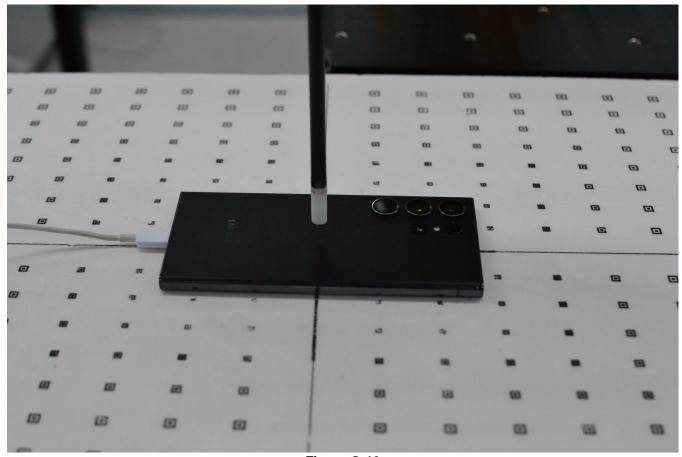


Figure G-16
Near Field Power Density Test Setup Photo – Back Side at 9.51 mm

FCC ID: A3LSMS918U	6 - 8 GHZRF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 16 of 20

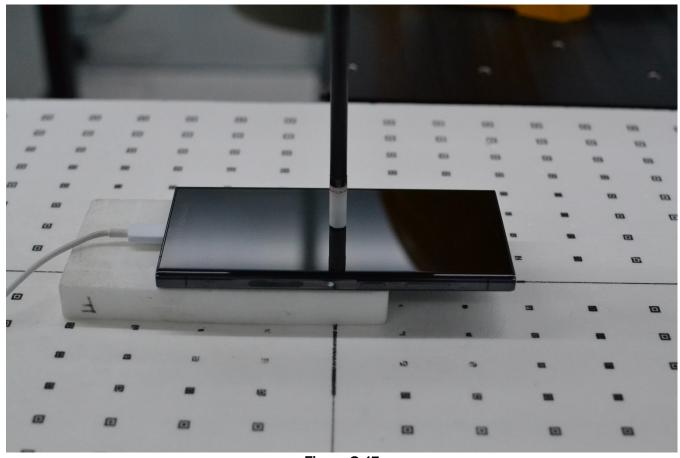


Figure G-17
Near Field Power Density Test Setup Photo – Front Side at 2 mm

FCC ID: A3LSMS918U	6 - 8 GHZRF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 17 of 20

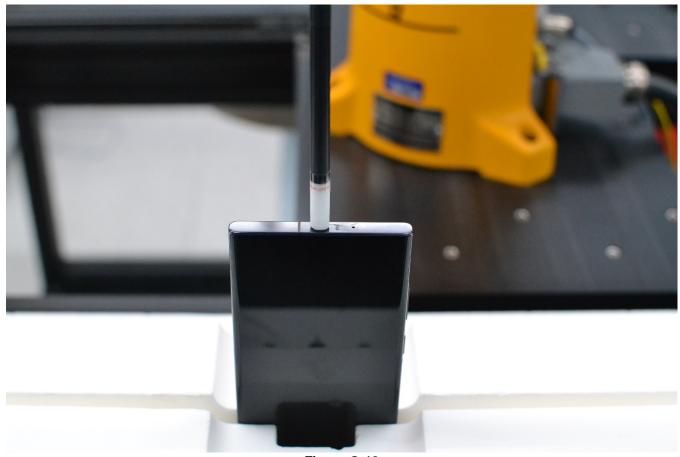


Figure G-18
Near Field Power Density Test Setup Photo – Top Edge at 2 mm

FCC ID: A3LSMS918U	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 18 of 20



Figure G-19
Near Field Power Density Test Setup Photo – Right Edge at 2 mm

FCC ID: A3LSMS918U	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 19 of 20

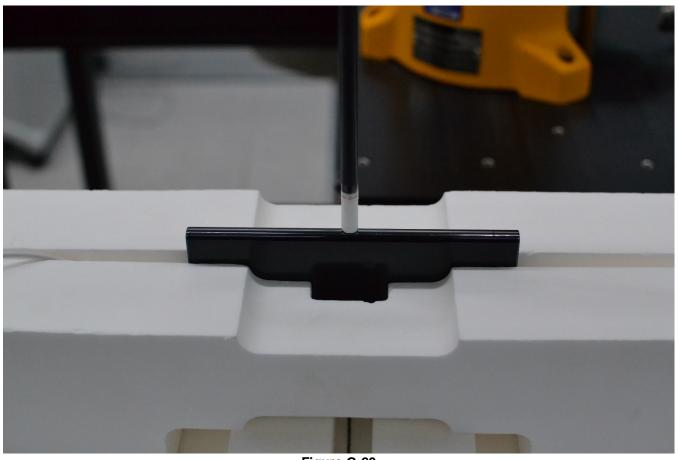


Figure G-20
Near Field Power Density Test Setup Photo – Left Edge at 2 mm

FCC ID: A3LSMS918U	6 - 8 GHZRF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX G: Page 20 of 20