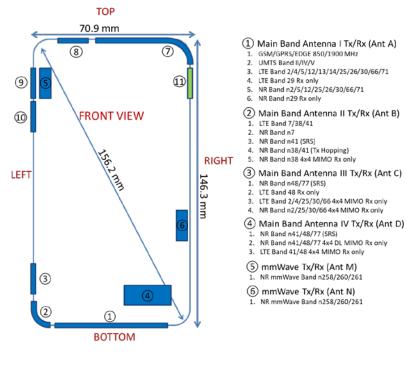


APPENDIX F: DUT ANTENNA DIAGRAM & TEST SETUP PHOTOGRAPHS



- Sub Antenna | Tx/Rx (Ant E)
- NR Band n41 (SRS)
- GSM/GPRS/EDGE 850 Rx only
- UMTS Band V Rx only LTE Band 5/12/13/14/26/29/71 Rx only
- LTE Band 30/41 4x4 DL MIMO Rx only NR Band n5/12/26/71 Rx only
- NR Band n30/41 4x4 DL MIMO Rx only
- 5 GHz WLAN Ant 2 6 GHz WLAN Ant 2
- 10. LAA Band 46 Rx only

8 Sub Antenna II Tx/Rx (Ant F)

- LTE Band 2/4/7/25/30/38/41/66 (Tx Hopping)
- NR Band n38/41/48/77
- NR Band n2/25/7/30/66 (Tx Hopping)
- GSM/GPRS/EDGE 1900 Rx only
- UMTS Band II/IV Rx only LTE Band 2/4/7/25/30/38/41/66 Rx only
- NR Band n2/25/7/30/66 Rx only
- GPS L1 Rx only

(9) Sub Antenna IV Tx/Rx (Ant H)

- LTE Band 2/4/25/66 4x4 DL MIMO Rx only NR Band n2/25/66 4x4 DL MIMO Rx only
- LAA Band 46 Rx only
- 2.4 GHz WLAN Ant 1
- 2.4 GHz Bluetooth Ant 1
- 5 GHz WLAN Ant 1
- 6 GHz WLAN Ant 1

10 Sub Antenna V Tx/Rx (Ant I)

- NR Band n48/77 (SRS)
 ITE Band 48 4x4 DL MIMO Rx only

(11) Sub Antenna VI Tx/Rx (Ant J)

- 2.4 GHz WLAN Ant 2
- 2. 2.4 GHz Bluetooth Ant 2

Figure F-1 **DUT Antenna Locations**

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

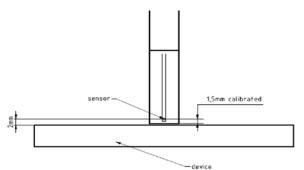


Figure F-2 **EUmmWVx Probe**

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: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 2 of 19

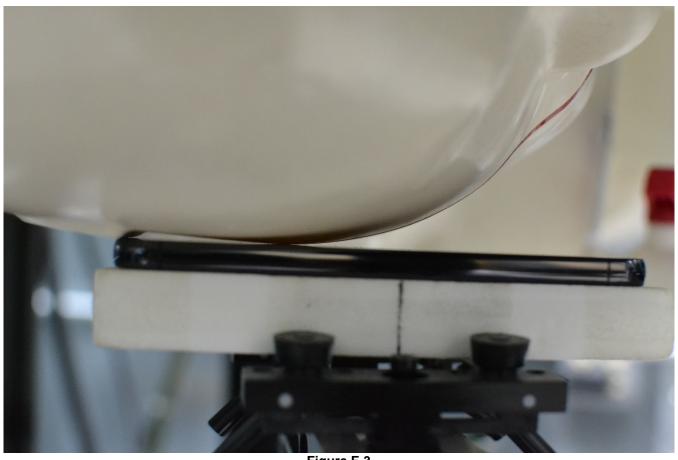


Figure F-3 SAR Test Setup Photo 1– Head, Right Cheek, 0 mm

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 3 of 19

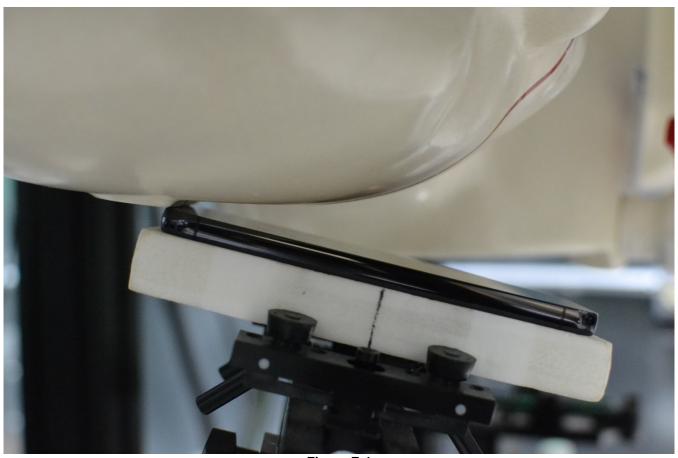


Figure F-4 SAR Test Setup Photo - Head, Right Tilt, 0 mm

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 4 of 19

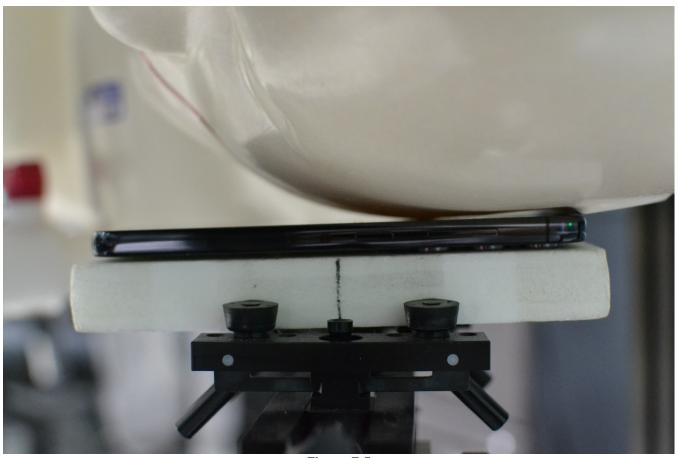


Figure F-5 SAR Test Setup Photo – Head, Left Cheek, 0 mm

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 5 of 19

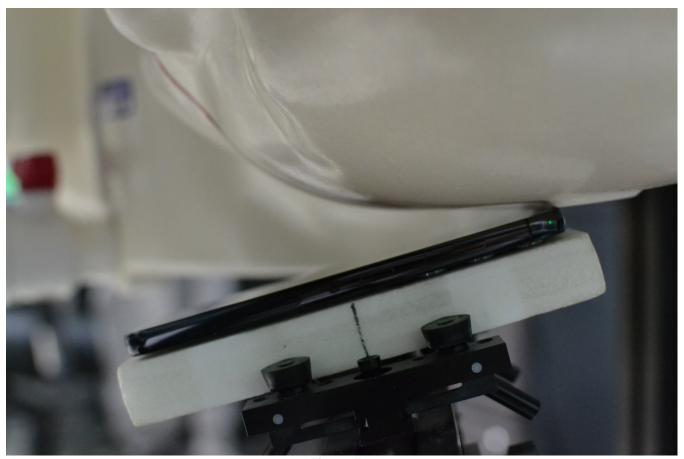


Figure F-6 SAR Test Setup Photo– Head, Left Tilt, 0 mm

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 6 of 19

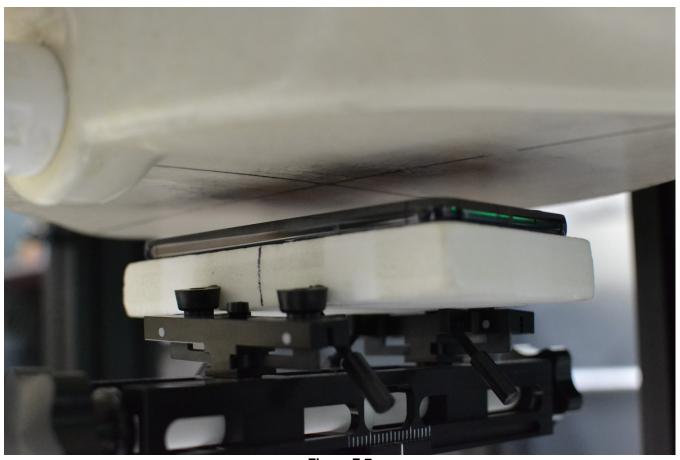


Figure F-7 SAR Test Setup Photo– Body-worn, Back Side, 15 mm

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 7 of 19

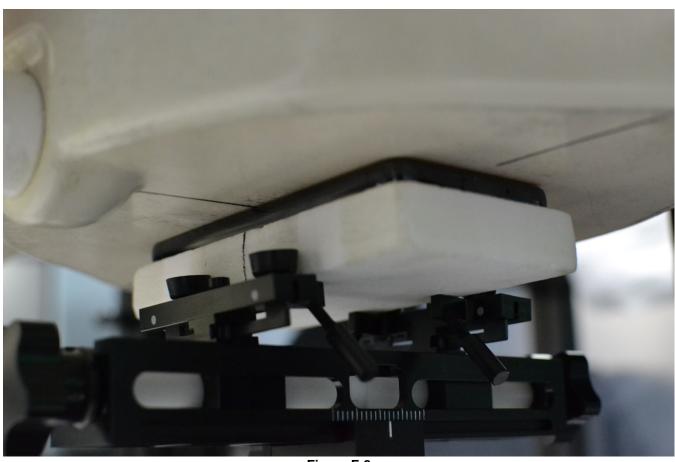


Figure F-8 SAR Test Setup Photo– Phablet, Back Side, 0 mm

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 8 of 19

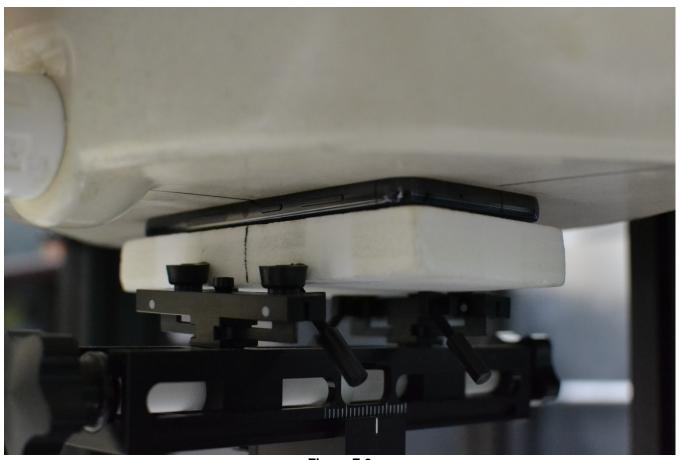


Figure F-9 SAR Test Setup Photo– Phablet, Front Side, 0 mm

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 9 of 19

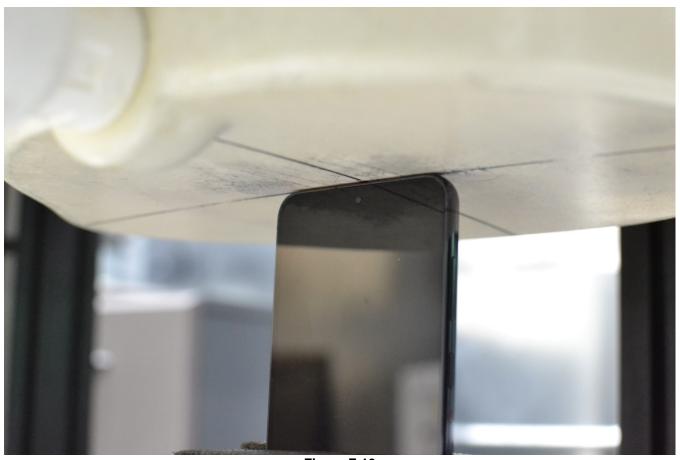


Figure F-10 SAR Test Setup Photo– Phablet, Top Edge, 0 mm

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 10 of 19



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

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 11 of 19

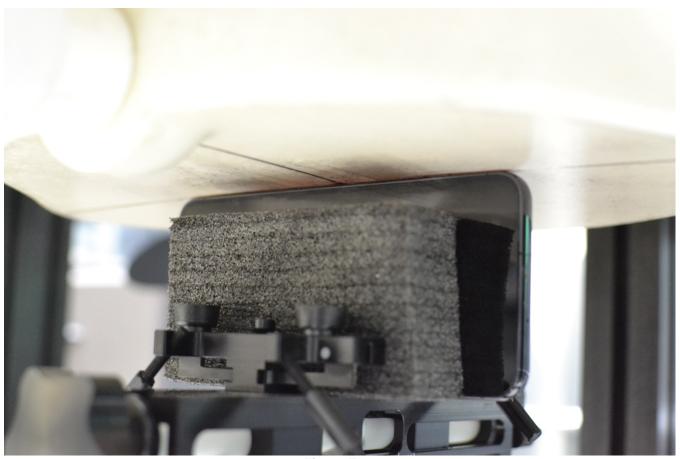


Figure F-12 SAR Test Setup Photo– Phablet, Left Edge, 0 mm

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 12 of 19



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

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 13 of 19

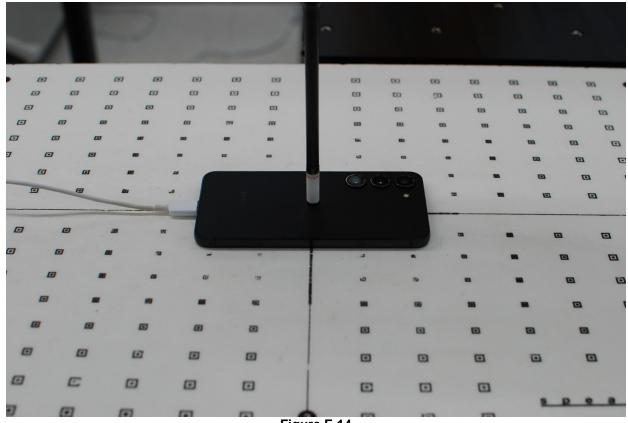


Figure F-14
Near Field Power Density Test Setup Photo – Back Side at 2 mm

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 14 of 19

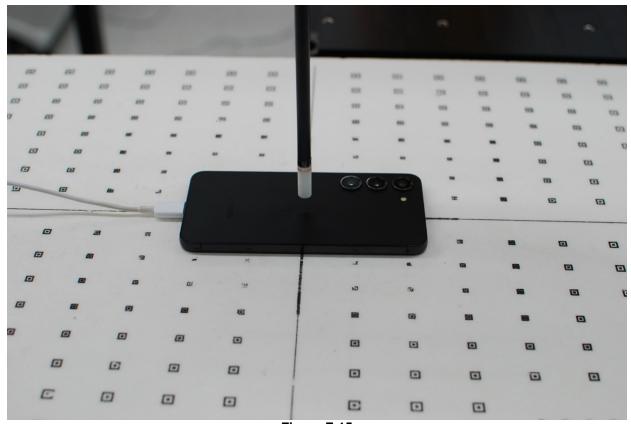


Figure F-15
Near Field Power Density Test Setup Photo – Back Side at 9.51 mm

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 15 of 19

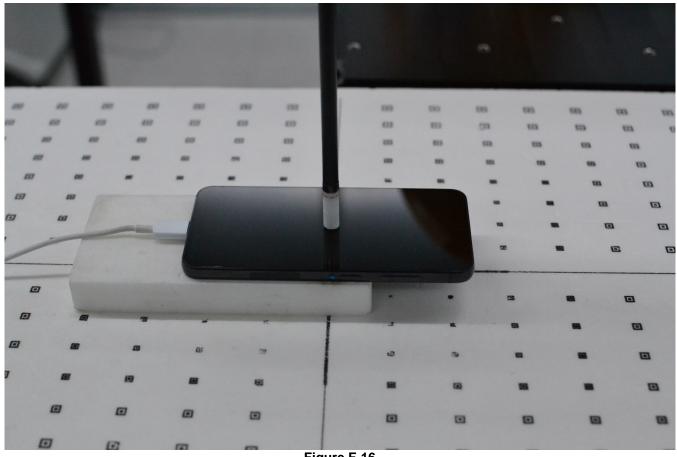


Figure F-16
Near Field Power Density Test Setup Photo – Front Side at 2 mm

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 16 of 19

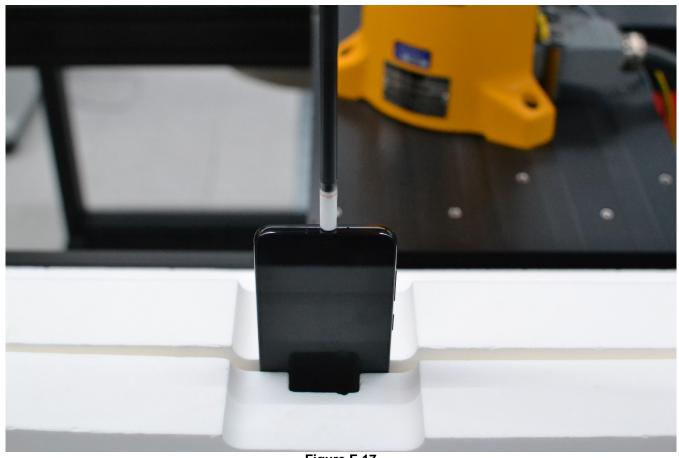


Figure F-17
Near Field Power Density Test Setup Photo – Top Edge at 2 mm

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 17 of 19

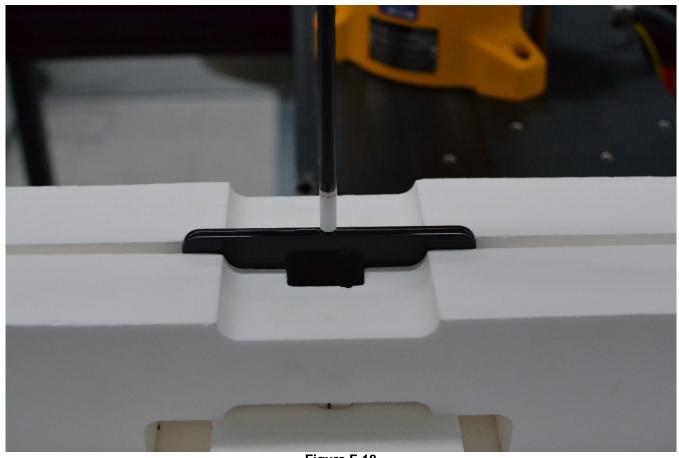


Figure F-18 Near Field Power Density Test Setup Photo – Right Edge at 2 mm

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 18 of 19

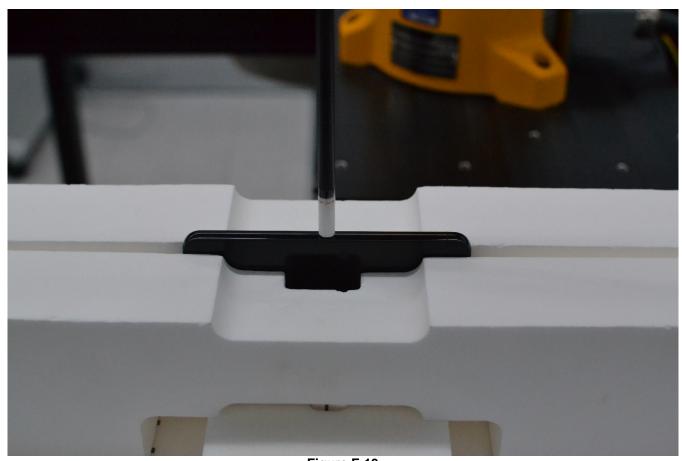


Figure F-19
Near Field Power Density Test Setup Photo – Left Edge at 2 mm

FCC ID: A3LSMS911U	6 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 19 of 19