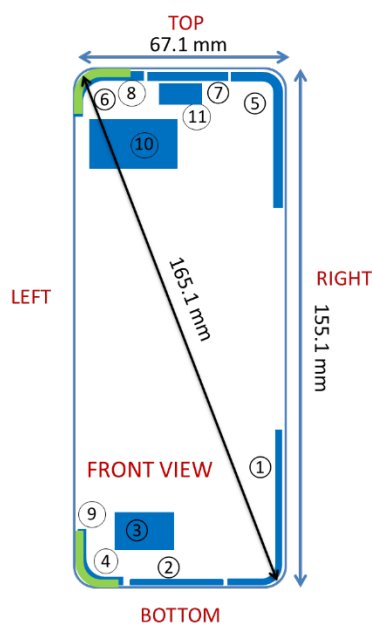


APPENDIX F: DUT ANTENNA DIAGRAM & TEST SETUP PHOTOGRAPHS



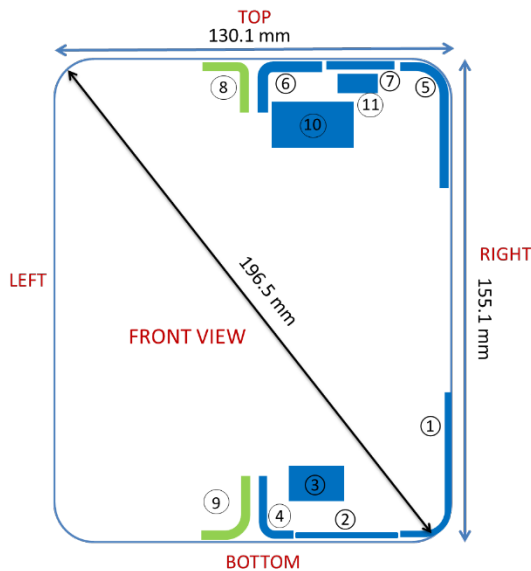
- 1 Main Band Antenna A Tx/Rx**
 1. GSM/GPRS/EDGE 850 MHz
 2. UMTS Band V
 3. LTE Band 5/12/13/17/26
 4. NR Band n5/12
 5. LTE Band 4/66 (4X4 MIMO) Rx only
 6. NR Band n66 (4X4 MIMO) Rx only
- 2 Main Band Antenna B Tx/Rx**
 1. GSM/GPRS/EDGE 1900 MHz
 2. UMTS Band II/IV
 3. LTE Band 2/4/25/41/66
 4. NR Band n2/25/66
 5. NR Band n41 (SRS #2)
 6. NR Band n41 Rx only
 In AFS M1 + M2 mode only
 1. GSM/GPRS/EDGE 850 MHz
 2. UMTS Band V
 3. LTE Band 5/12/13/17/26
 4. NR Band n5/12
- 3 Sub Antenna C Tx/Rx**
 1. NR Band n41 (SRS #4)
 2. LTE Band 41 (4X4 MIMO) Rx only
 3. NR Band n41 (4X4 MIMO) Rx only
- 4 Sub Antenna D Tx/Rx**
 1. NR Band n77 (SRS #4)
 2. NR Band n77 (4X4 MIMO) Rx only
- 5 Main Antenna E Tx/Rx**
 1. NR Band n41 (SRS #3)
 2. NR Band n77 (SRS #2)
 3. GSM/GPRS/EDGE 850 MHz Rx Only
 4. UMTS Band V Rx Only
 5. LTE Band 5/12/13/17/26 Rx Only
 6. NR Band n5/12/77 Rx Only
 7. LTE Band 4/66 (4x4 MIMO) Rx only
 8. NR Band n66/41 (4x4 MIMO) Rx Only
 9. NR Band n77 Tx Switching

- 6 Main Band Antenna F Tx/Rx**
 1. NR Band n41/77
 2. LTE ULCA/Hopping B4/66
 3. NR ENDC n66
 4. GSM/GPRS/EDGE 1900 MHz Rx Only
 5. UMTS Band II/IV Rx Only
 6. LTE Band 2/4/25/41/66 Rx Only
 7. NR Band n2/25/66 Rx Only
 8. GPS L1
- 7 Main Band Antenna G Tx/Rx**
 1. NR Band n77 (SRS #3)
 2. NR Band n77 (4X4 MIMO) Rx Only
 3. GPS L5
- 8 Antenna WIFI/BT 1 Tx/Rx**
 1. 2.45 GHz WIFI Antenna 1
 2. 5/6 GHz WIFI Antenna 1
 3. 2.45 GHz Bluetooth Antenna 1
- 9 Antenna WIFI/BT 2 Tx/Rx**
 1. 2.45 GHz WIFI Antenna 2
 2. 5/6 GHz WIFI Antenna 2
 3. 2.45 GHz Bluetooth Antenna 2
- 10 Antenna UWB AOA Tx/Rx**
 1. UWB ANT1 Tx/Rx
 2. UWB ANT2,3 Rx only
- 11 Antenna UWB Ranging Tx/Rx**
 1. UWB Ant 0 Tx/Rx

Figure F-1

DUT Antenna Locations – Closed

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



- 1 Main Band Antenna A Tx/Rx**
 1. GSM/GPRS/EDGE 850 MHz
 2. UMTS Band V
 3. LTE Band 5/12/13/17/26
 4. NR Band n5/12
 5. LTE Band 4/66 (4X4 MIMO) Rx only
 6. NR Band n66 (4X4 MIMO) Rx only
- 2 Main Band Antenna B Tx/Rx**
 1. GSM/GPRS/EDGE 1900 MHz
 2. UMTS Band II/IV
 3. LTE Band 2/4/25/41/66
 4. NR Band n2/25/66
 5. NR Band n41 (SRS #2)
 6. NR Band n41 Rx only
 In AFS M1 + M2 mode only
 1. GSM/GPRS/EDGE 850 MHz
 2. UMTS Band V
 3. LTE Band 5/12/13/17/26
 4. NR Band n5/12
- 3 Sub Antenna C Tx/Rx**
 1. NR Band n41 (SRS #4)
 2. LTE Band 41 (4X4 MIMO) Rx only
 3. NR Band n41 (4X4 MIMO) Rx only
- 4 Sub Antenna D Tx/Rx**
 1. NR Band n77 (SRS #4)
 2. NR Band n77 (4X4 MIMO) Rx only
- 5 Main Antenna E Tx/Rx**
 1. NR Band n41 (SRS #3)
 2. NR Band n77 (SRS #2)
 3. GSM/GPRS/EDGE 850 MHz Rx Only
 4. UMTS Band V Rx Only
 5. LTE Band 5/12/13/17/26 Rx Only
 6. NR Band n5/12/77 Rx Only
 7. LTE Band 4/66 (4x4 MIMO) Rx Only
 8. NR Band n66/41 (4x4 MIMO) Rx Only
 9. NR Band n77 Tx Switching

- 6 Main Band Antenna F Tx/Rx**
 1. NR Band n41/77
 2. LTE ULCA 4
 3. NR ENDC n66
 4. GSM/GPRS/EDGE 1900 MHz Rx Only
 5. UMTS Band II/IV Rx Only
 6. LTE Band 2/4/25/41/66 Rx Only
 7. NR Band n2/25/66 Rx Only
 8. GPS L1
- 7 Main Band Antenna G Tx/Rx**
 1. NR Band n77 (SRS #3)
 2. NR Band n77 (4X4 MIMO) Rx Only
 3. GPS L5
- 8 Antenna WIFI/BT 1 Tx/Rx**
 1. 2.45 GHz WIFI Antenna 1
 2. 5/6 GHz WIFI Antenna 1
 3. 2.45 GHz Bluetooth Antenna 1
- 9 Antenna WIFI/BT 2 Tx/Rx**
 1. 2.45 GHz WIFI Antenna 2
 2. 5/6 GHz WIFI Antenna 2
 3. 2.45 GHz Bluetooth Antenna 2
- 10 Antenna UWB AOA Tx/Rx**
 1. UWB ANT1 Tx/Rx
 2. UWB ANT2,3 Rx only
- 11 Antenna UWB Ranging Tx/Rx**
 1. UWB Ant 0 Tx/Rx

Figure F-2

DUT Antenna Locations – Open

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

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 2 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT-INFO@ELEMENT.COM.

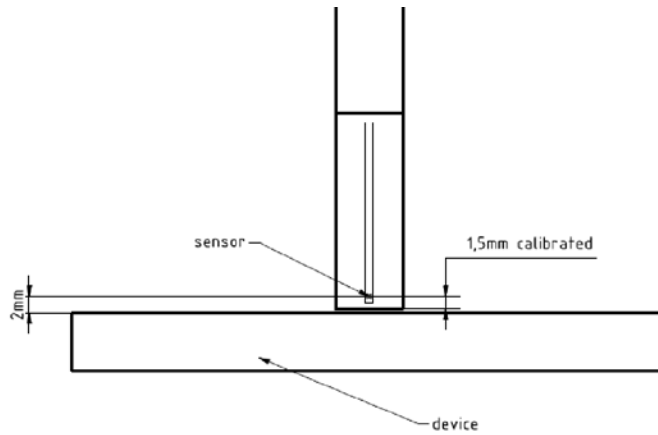


Figure F-3
EUmWVx Probe

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: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 3 of 28

REV 2.0

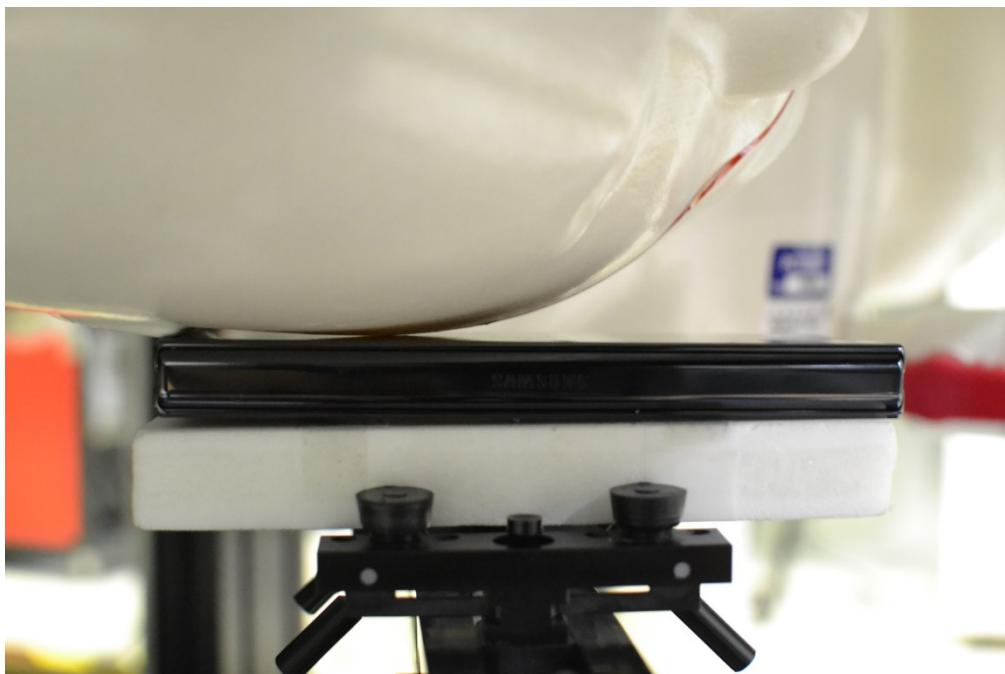


Figure F-4

SAR Test Setup Photo 1- Closed Configuration (Handset), Head, Right Cheek, 0 mm

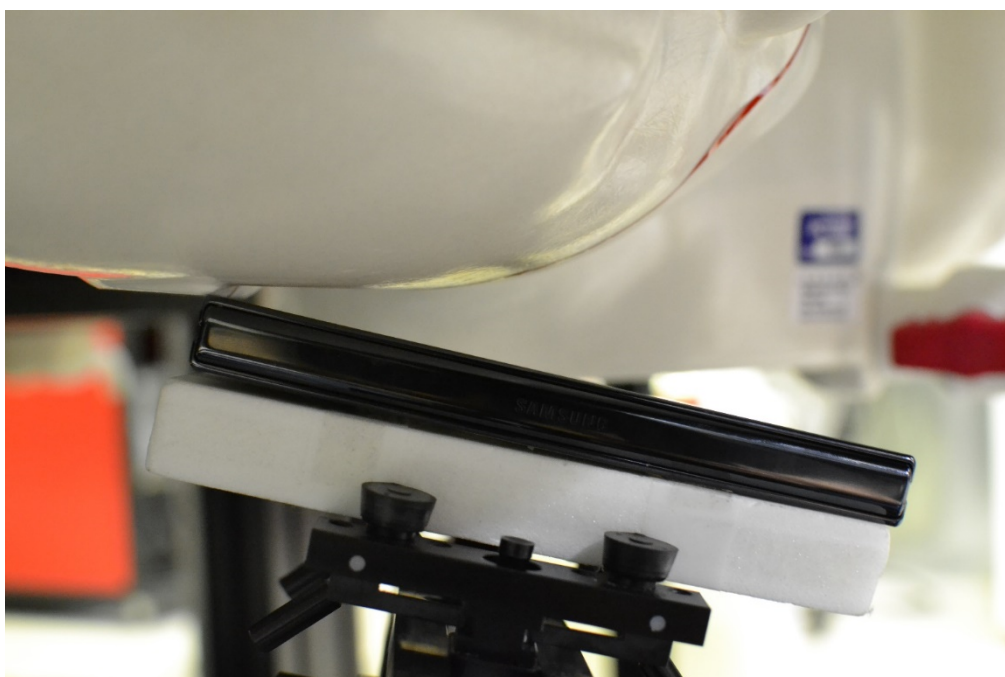


Figure F-5

SAR Test Setup Photo - Closed Configuration (Handset), Head, Right Tilt, 0 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 4 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT-INFO@ELEMENT.COM.

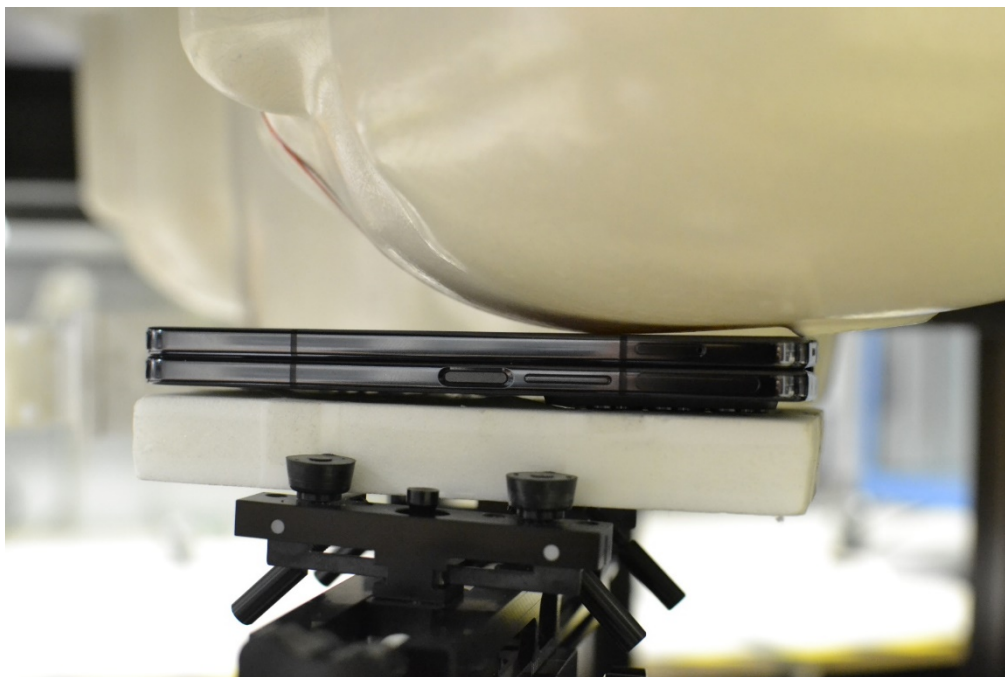


Figure F-6
SAR Test Setup Photo – Closed Configuration (Handset), Head, Left Cheek, 0 mm

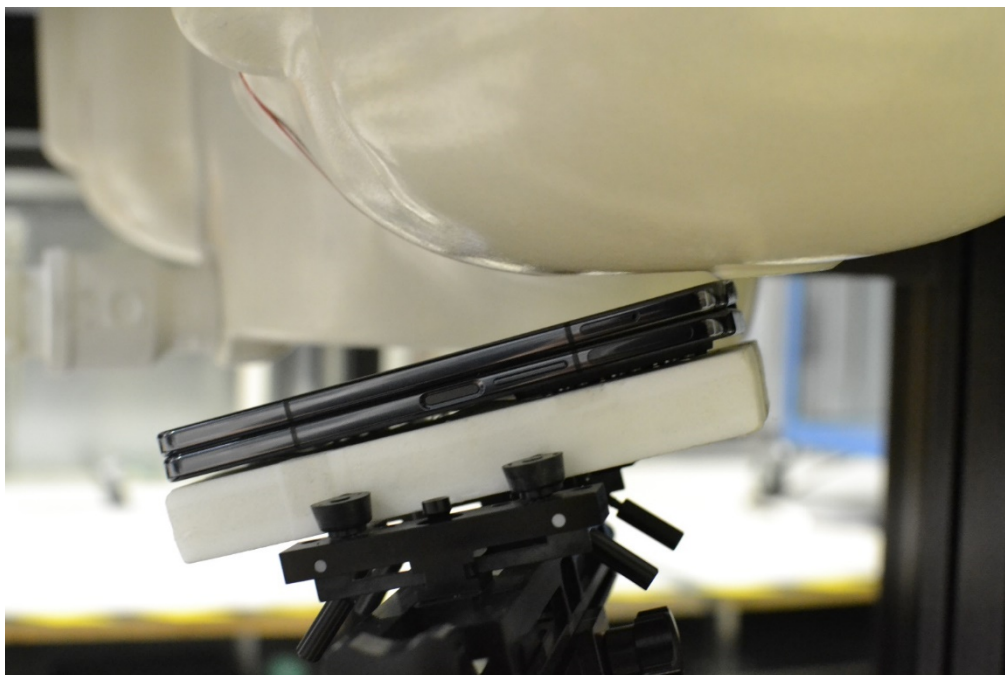


Figure F-7
SAR Test Setup Photo– Closed Configuration (Handset), Head, Left Tilt, 0 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 5 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT.INFO@ELEMENT.COM.

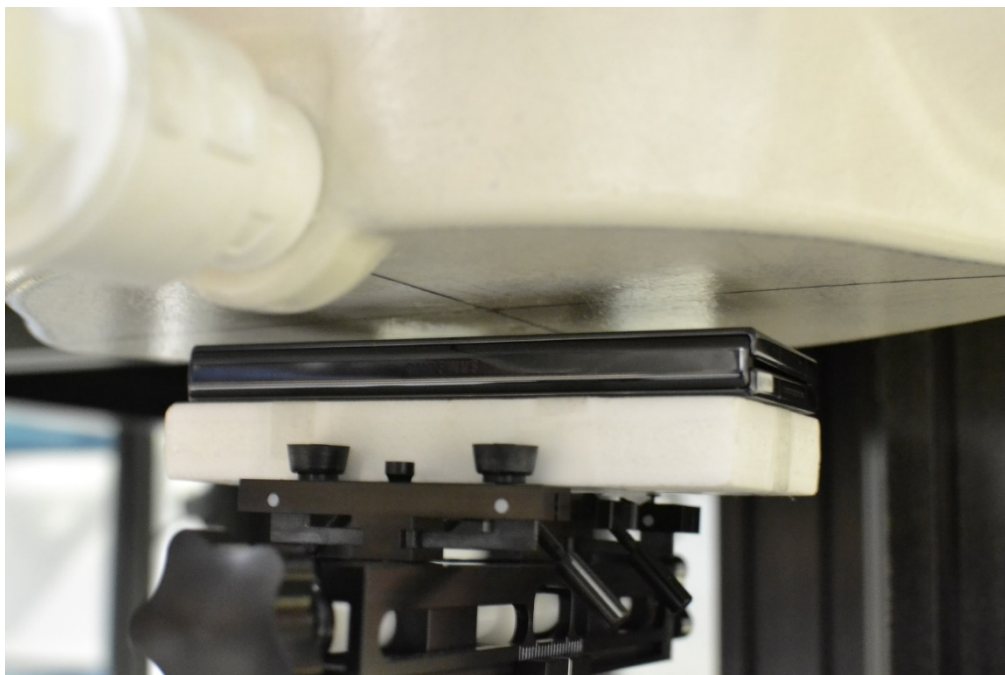


Figure F-8
SAR Test Setup Photo– Closed Configuration (Handset), Body-worn, Back Side, 15 mm

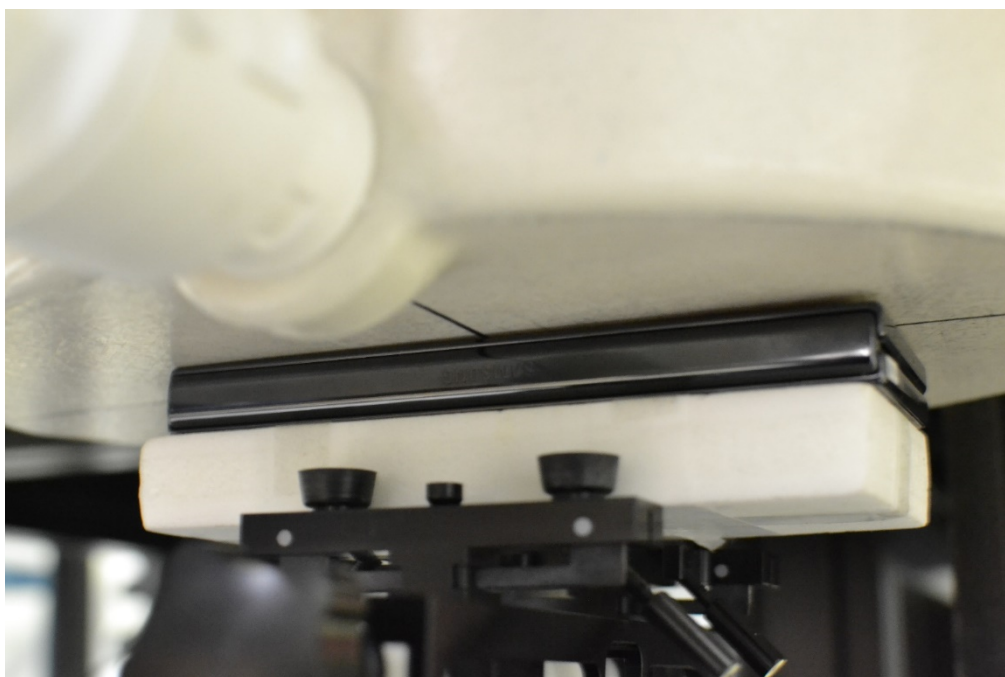


Figure F-9
SAR Test Setup Photo– Closed Configuration (Handset), Phablet, Back Side, 0 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 6 of 28

REV 2.0



Figure F-10
SAR Test Setup Photo– Closed Configuration (Handset), Phablet, Front Side, 0 mm

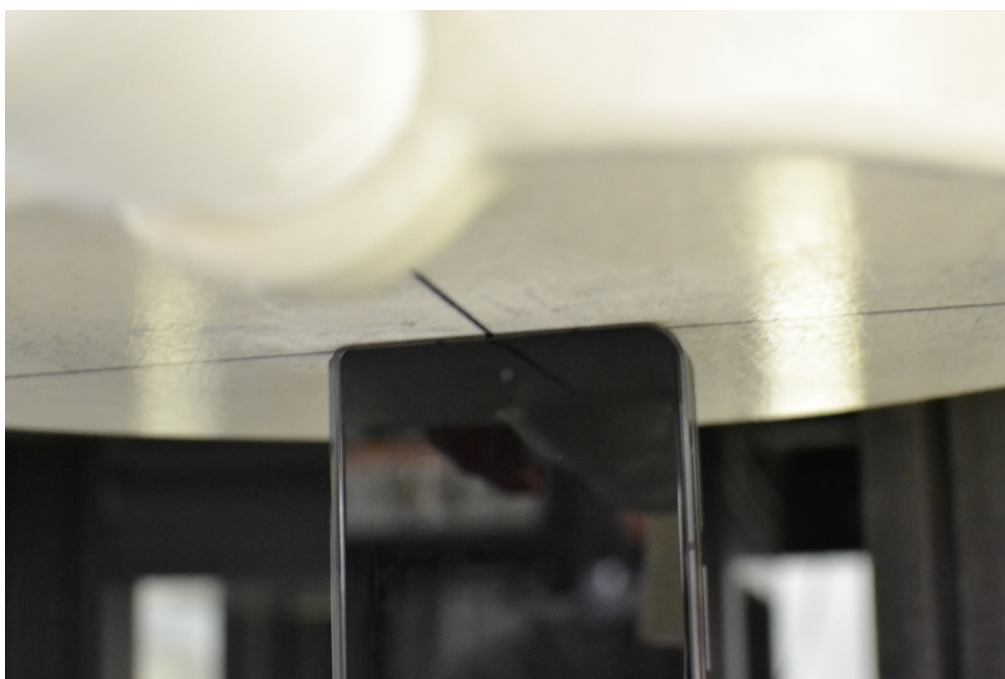


Figure F-11
SAR Test Setup Photo– Closed Configuration (Handset), Phablet, Top Edge, 0 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 7 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT.INFO@ELEMENT.COM.

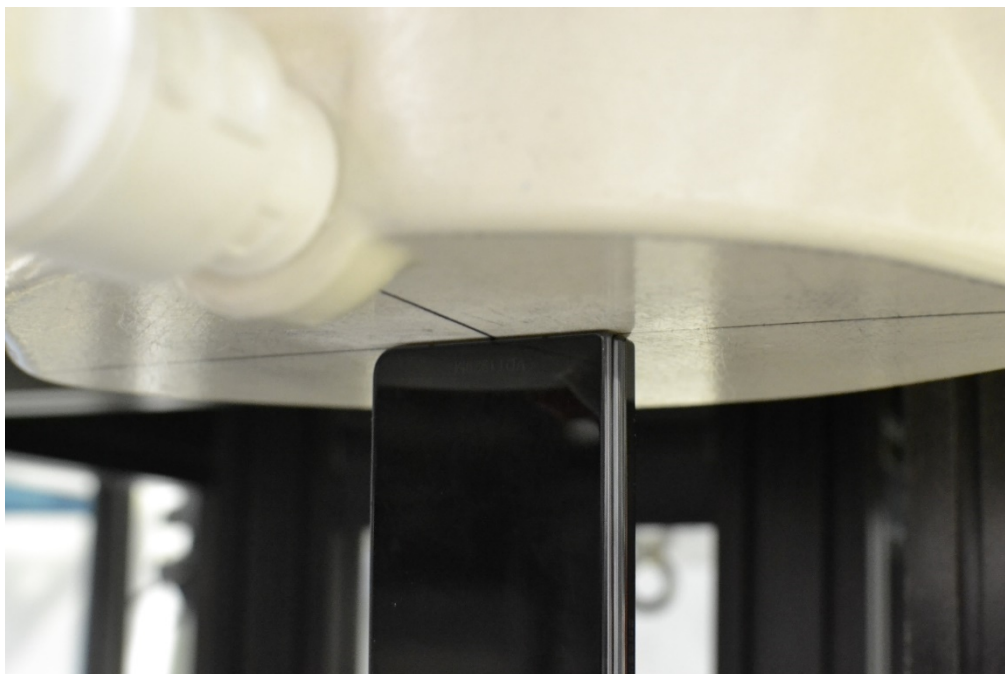


Figure F-12
SAR Test Setup Photo– Closed Configuration (Handset), Phablet, Bottom Edge, 0 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 8 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT.INFO@ELEMENT.COM.

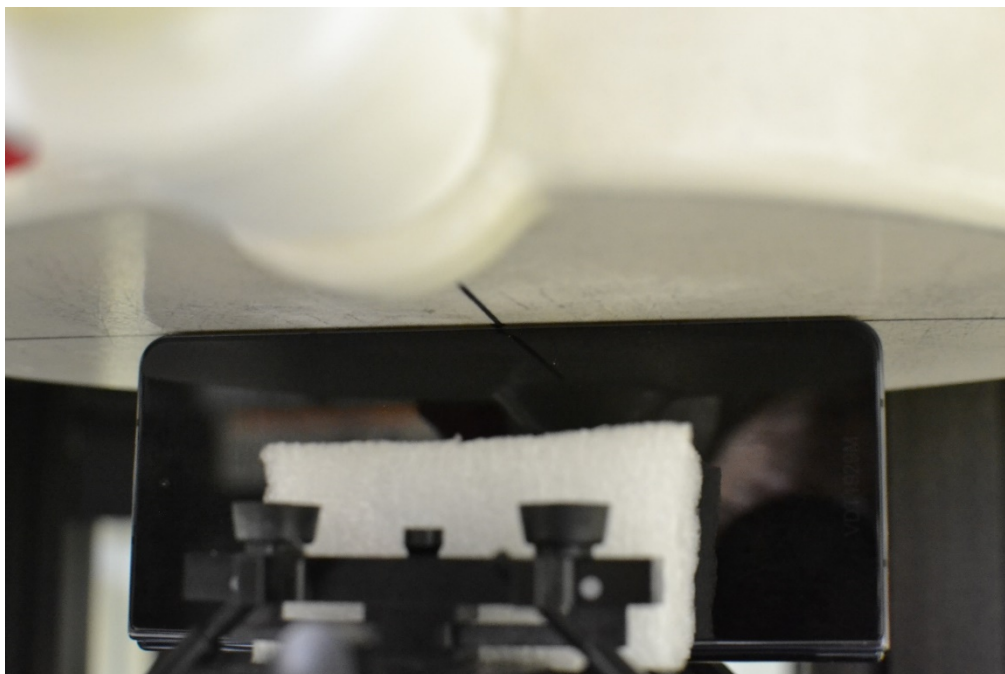


Figure F-13
SAR Test Setup Photo– Closed Configuration (Handset), Phablet, Right Edge, 0 mm

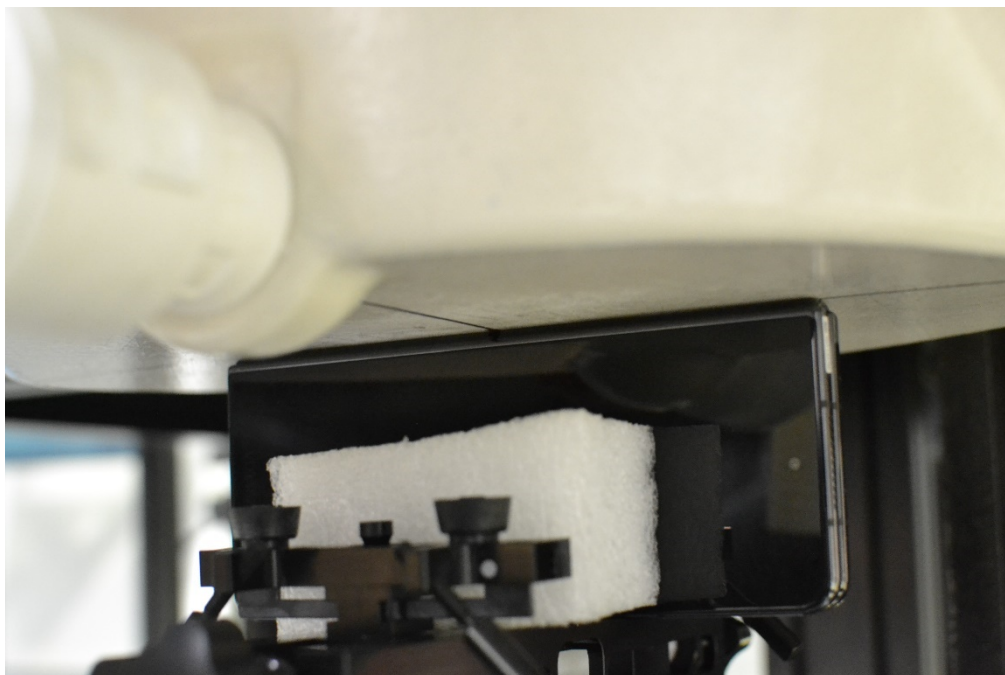


Figure F-14
SAR Test Setup Photo– Closed Configuration (Handset), Phablet, Left Edge, 0 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 9 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT.INFO@ELEMENT.COM.



Figure F-15
SAR Test Setup Photo– Open Configuration (UMPC), UMPC Body, Back Side, 10 mm



Figure F-16
SAR Test Setup Photo– Open Configuration (UMPC), UMPC Extremity, Back Side, 0 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 10 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT-INFO@ELEMENT.COM.



Figure F-17
SAR Test Setup Photo– Open Configuration (UMPC), UMPC Body, Front Side, 10 mm



Figure F-18
SAR Test Setup Photo– Open Configuration (UMPC), UMPC Extremity, Front Side, 0 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 11 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT.INFO@ELEMENT.COM.

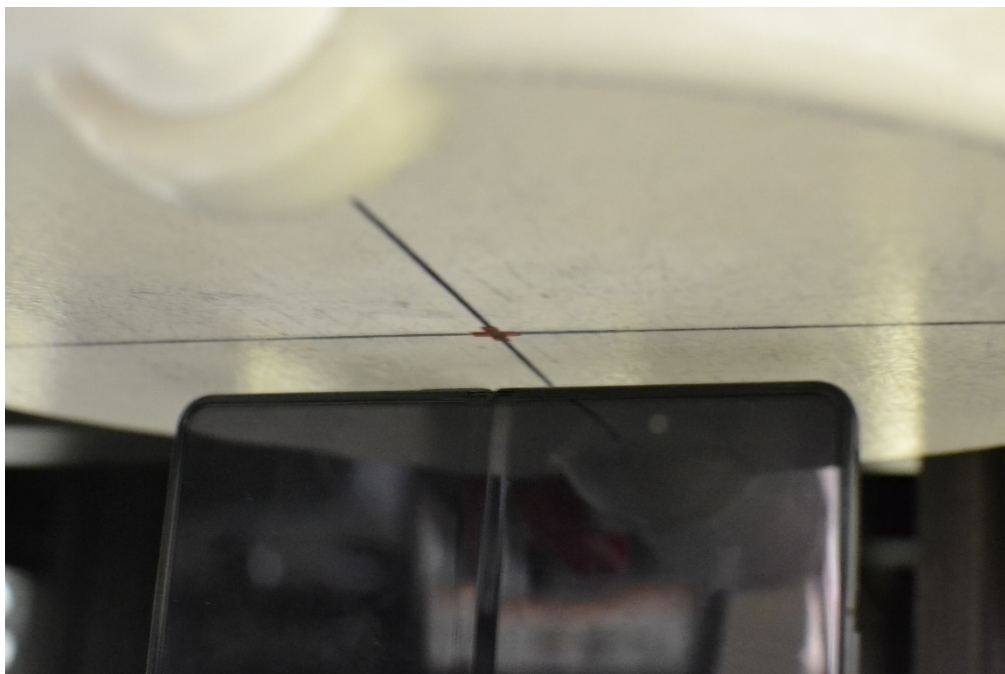


Figure F-19
SAR Test Setup Photo– Open Configuration (UMPC), UMPC Body, Top Edge, 10 mm

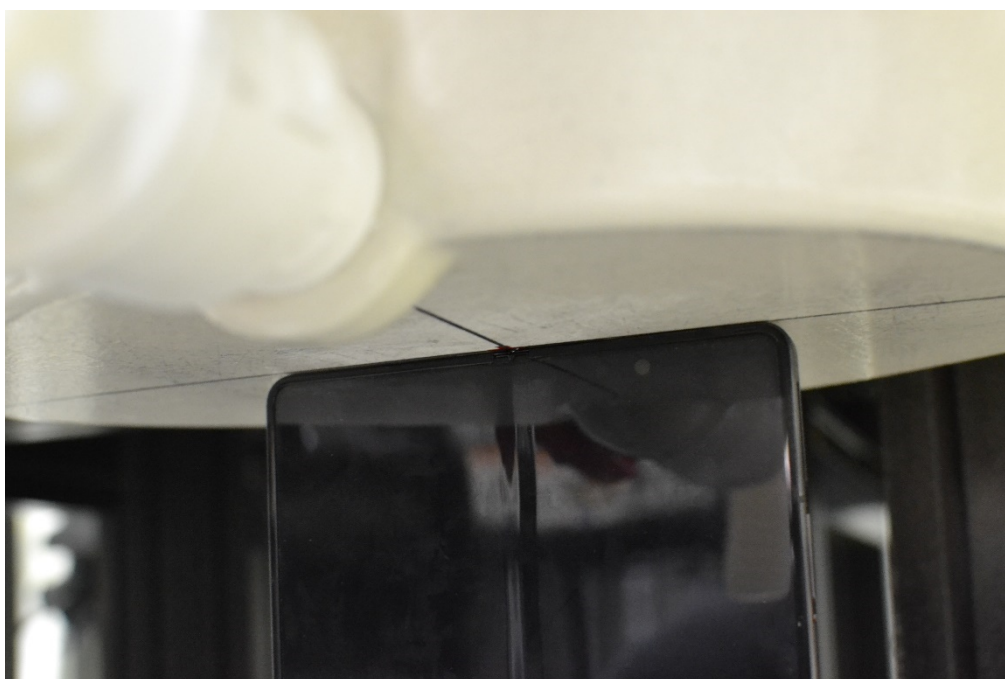


Figure F-20
SAR Test Setup Photo– Open Configuration (UMPC), UMPC Extremity, Top Edge, 0 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 12 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT.INFO@ELEMENT.COM.

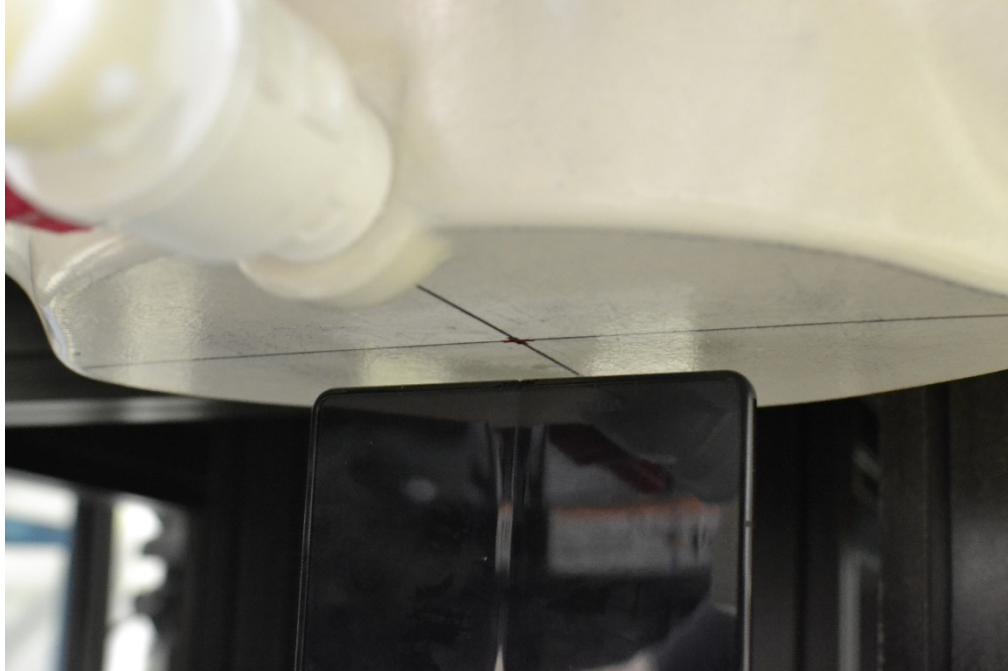


Figure F-21
SAR Test Setup Photo– Open Configuration (UMPC), UMPC Body, Bottom Edge, 10 mm

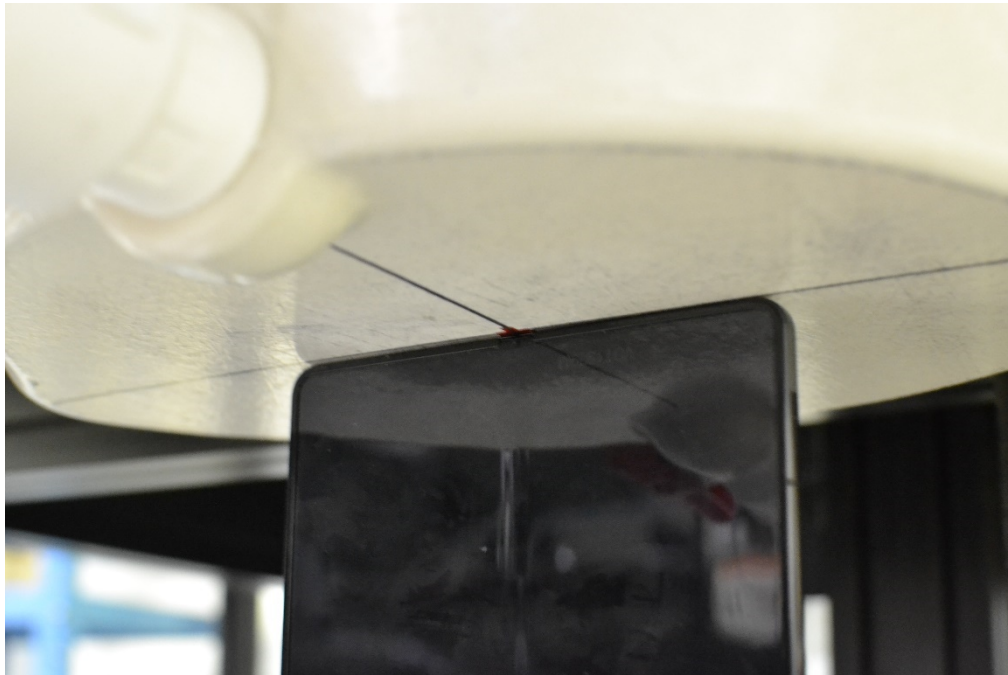


Figure F-22
SAR Test Setup Photo– Open Configuration (UMPC), UMPC Extremity, Bottom Edge, 0 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 13 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT.INFO@ELEMENT.COM.



Figure F-23
SAR Test Setup Photo– Open Configuration (UMPC), UMPC Extremity, Right Edge, 0 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 14 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT.INFO@ELEMENT.COM.

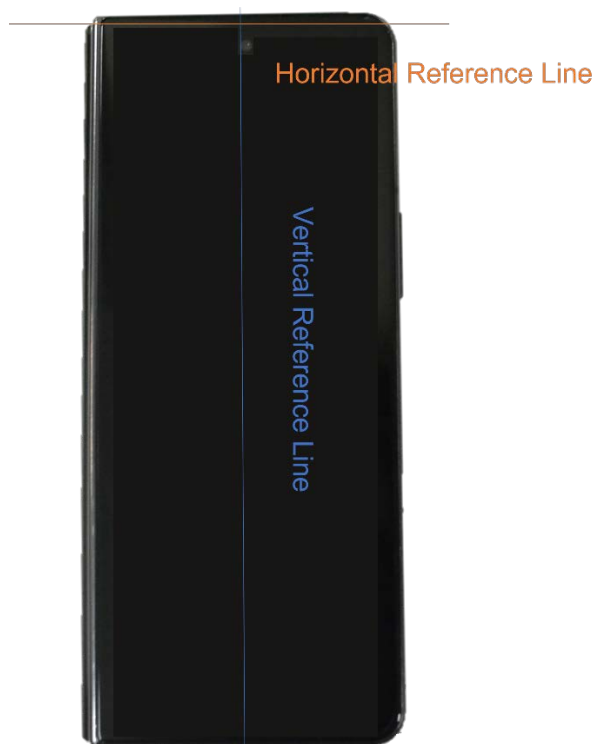


Figure F-24
SAR Test Setup Photo– Closed Configuration (Handset) Horizontal and Vertical Reference Lines

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 15 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT-INFO@ELEMENT.COM.



Figure F-25
Near Field Power Density Test Setup Photo – Back Side Closed at 2 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 16 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT-INFO@ELEMENT.COM.



Figure F-26
Near Field Power Density Test Setup Photo – Back Side Closed at 9.2 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 17 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT-INFO@ELEMENT.COM.



Figure F-27
Near Field Power Density Test Setup Photo – Back Side Closed at 9.89 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 18 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT.INFO@ELEMENT.COM.



Figure F-28
Near Field Power Density Test Setup Photo – Back Side Open at 2 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 19 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT-INFO@ELEMENT.COM.



Figure F-29
Near Field Power Density Test Setup Photo – Front Side Closed at 2 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 20 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT-INFO@ELEMENT.COM.

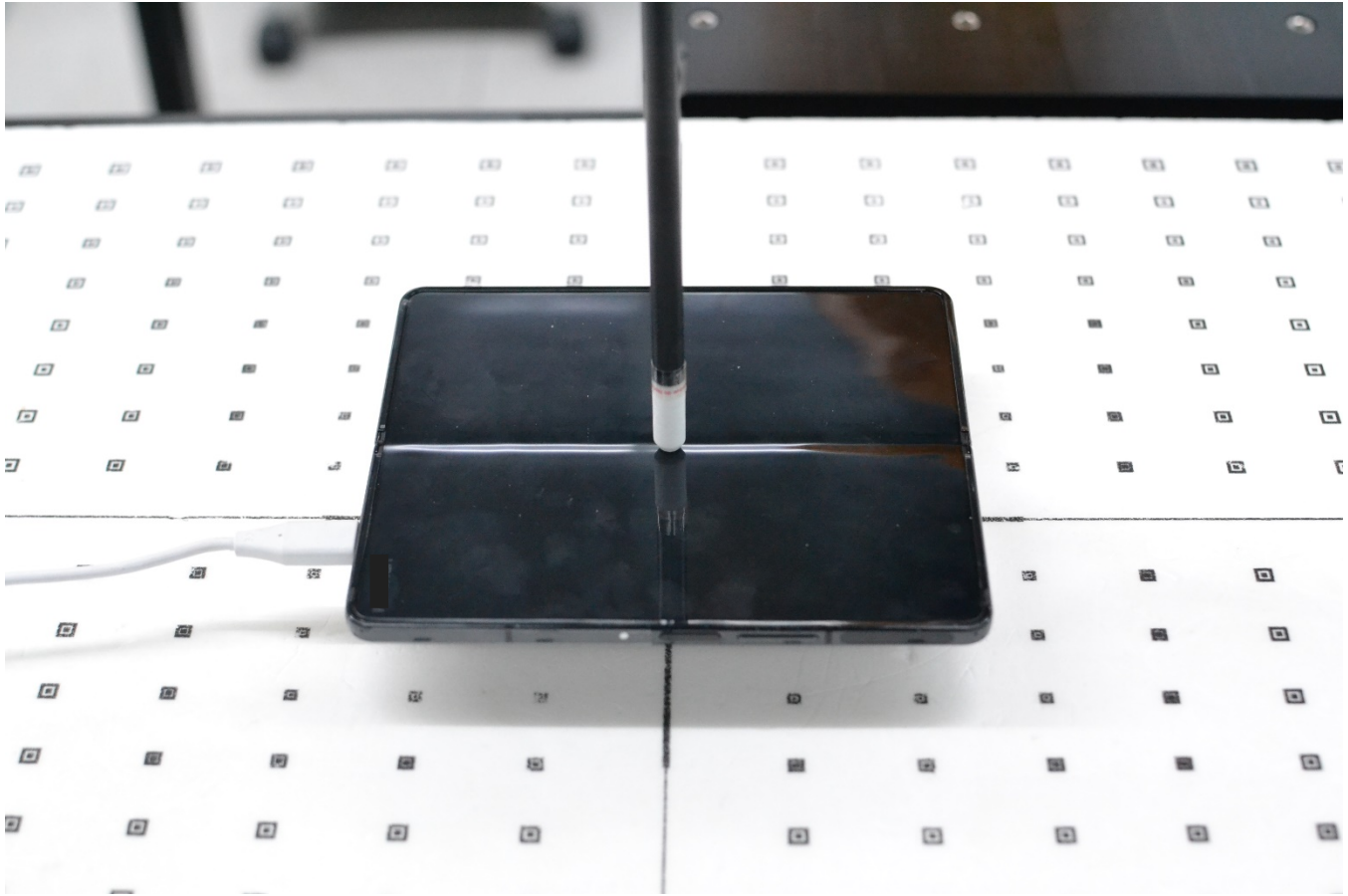


Figure F-30
Near Field Power Density Test Setup Photo – Front Side Open at 2 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 21 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT.INFO@ELEMENT.COM.



Figure F-31
Near Field Power Density Test Setup Photo – Top Edge Closed at 2 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 22 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT-INFO@ELEMENT.COM.

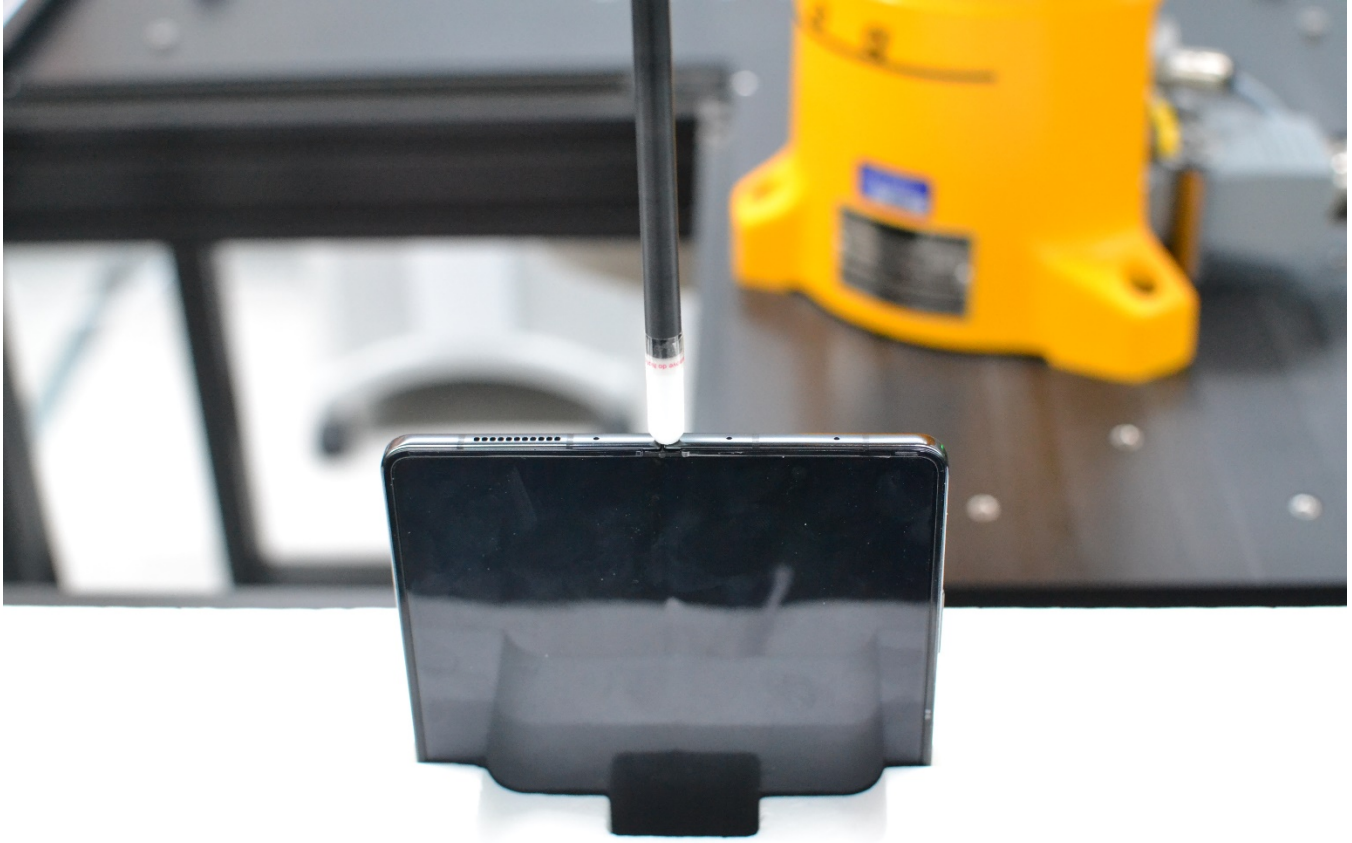


Figure F-32
Near Field Power Density Test Setup Photo – Top Edge Open at 2 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 23 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT-INFO@ELEMENT.COM.

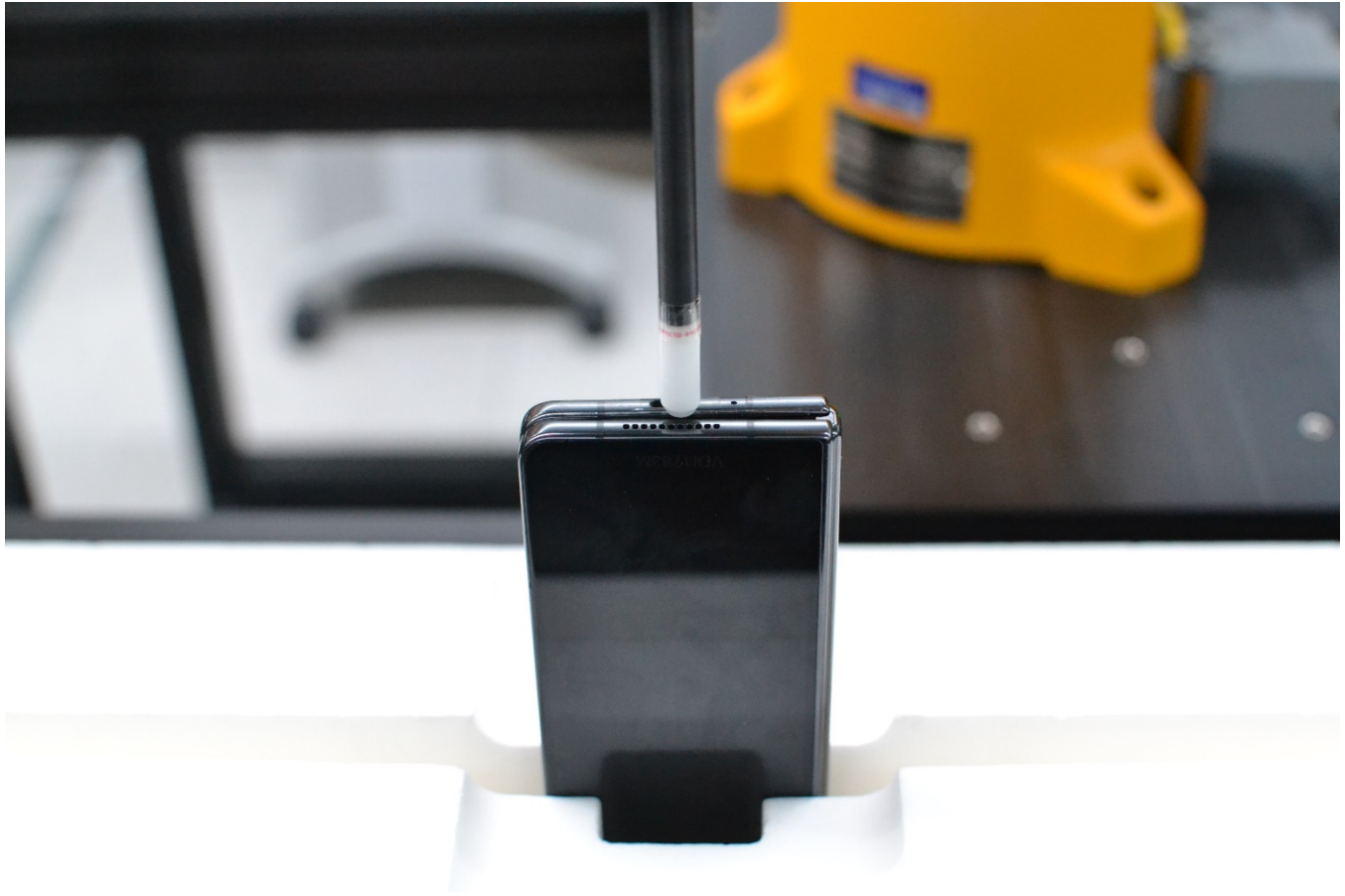


Figure F-33
Near Field Power Density Test Setup Photo – Bottom Edge Closed at 2 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 24 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT-INFO@ELEMENT.COM.

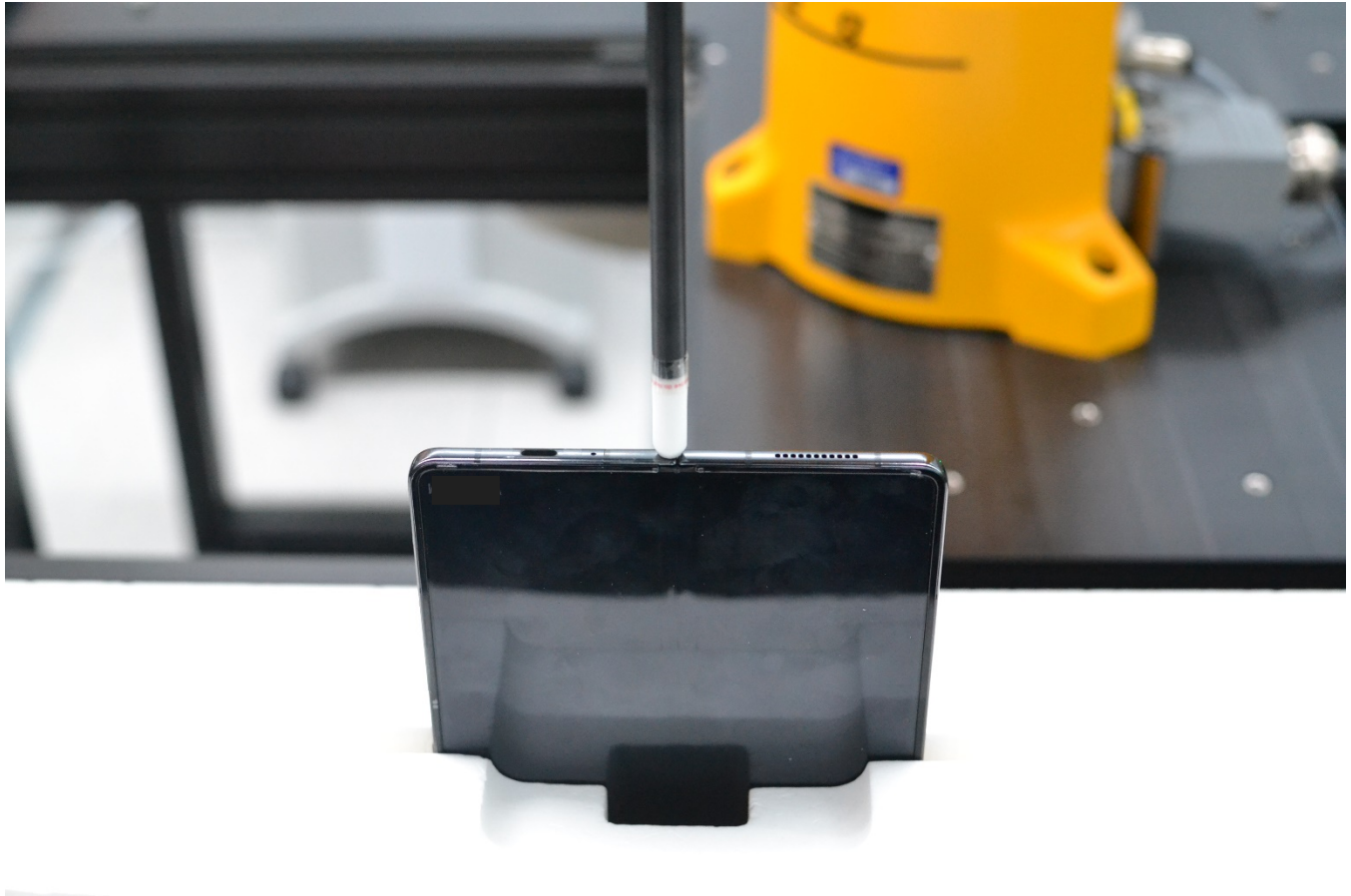


Figure F-34
Near Field Power Density Test Setup Photo – Bottom Edge Open at 2 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 25 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT-INFO@ELEMENT.COM.



Figure F-35
Near Field Power Density Test Setup Photo – Right Edge Closed at 2 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 26 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT.INFO@ELEMENT.COM.



Figure F-36
Near Field Power Density Test Setup Photo – Right Edge Open at 2 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 27 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT.INFO@ELEMENT.COM.

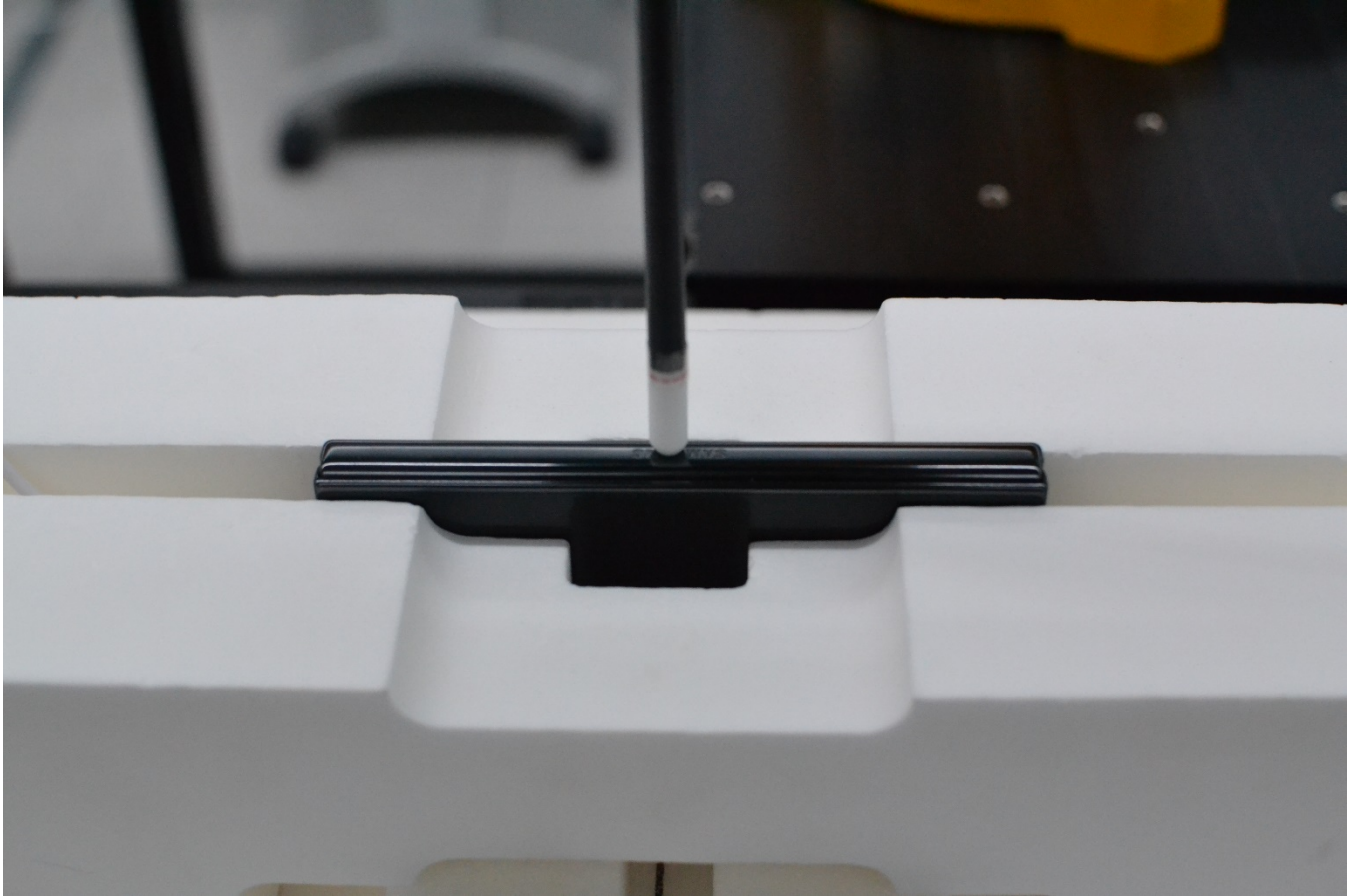


Figure F-37
Near Field Power Density Test Setup Photo – Left Edge Closed at 2 mm

FCC ID: A3LSMF936B	6 - 8 GHZ RF EXPOSURE EVALUATION	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX F: Page 28 of 28

REV 2.0

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact CT-INFO@ELEMENT.COM.