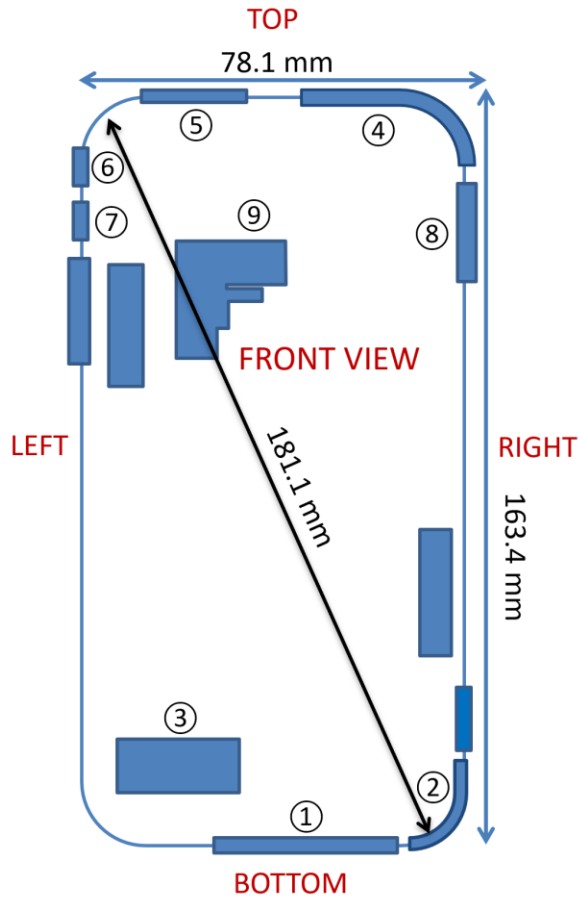


**APPENDIX K: DUT ANTENNA DIAGRAM & SAR TEST SETUP  
PHOTOGRAPHS**

|                                      |                              |                                          |
|--------------------------------------|------------------------------|------------------------------------------|
| <b>FCC ID:</b> A3LSMS918JPN          | <b>SAR EVALUATION REPORT</b> | <b>Approved by:</b><br>Technical Manager |
| <b>DUT Type:</b><br>Portable Handset |                              | <b>APPENDIX K:</b><br>Page 1 of 14       |



- ① Main Band Antenna I Tx/Rx (Ant A)  
 1. GSM/GPRS/EDGE 850/1900 MHz  
 2. UMTS Band V  
 3. LTE Band 2/4/5/12/13/26/66  
 4. NR Band n5

- ② Main Band Antenna II Tx/Rx (Ant B)  
 1. LTE Band 41  
 2. NR Band n41 (DRx Only)

- ③ Main Band Antenna IV Tx/Rx (Ant D)  
 1. LTE Band 41 4x4 MIMO (PRx Only)  
 2. NR Band 41 4x4 MIMO (DRx Only)

- ④ Sub Antenna I Tx/Rx (Ant E)  
 1. GSM/GPRS/EDGE 850 MHz (DRx Only)  
 2. UMTS Band V (DRx Only)  
 3. LTE Band 5/12/13/26 (DRx Only)  
 4. NR Band n5 (DRx Only)  
 5. NR Band n41 4x4 MIMO (PRx Only)  
 6. LTE Band 41 4x4 MIMO (DRx Only)  
 7. 5 GHz WLAN Ant 2  
 8. 6 GHz WLAN Ant 2

- ⑤ Sub Antenna II Tx/Rx (Ant F)  
 1. NR Band n41  
 2. LTE Band 2/4/41/66 (DRx Only)  
 3. GSM/GPRS/EDGE 1900 MHz (DRx Only)  
 4. GPS L1

- ⑥ Sub Antenna III Tx/Rx (Ant G)  
 1. 5 GHz WLAN Ant 1  
 2. 6 GHz WLAN Ant 1

- ⑦ Sub Antenna IV Tx/Rx (Ant H)  
 1. 2.4 GHz WLAN Ant 1  
 2. 2.4 GHz Bluetooth Ant 1  
 3. GPS L5

- ⑧ Sub Antenna VI Tx/Rx (Ant J)  
 1. 2.4 GHz WLAN Ant 2  
 2. 2.4 GHz Bluetooth Ant 2

- ⑨ UWB Antenna Tx/Rx

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

**Figure K-1**  
**DUT Antenna Locations**

|                               |                       |                                   |
|-------------------------------|-----------------------|-----------------------------------|
| FCC ID: A3LSMS918JPN          | SAR EVALUATION REPORT | Approved by:<br>Technical Manager |
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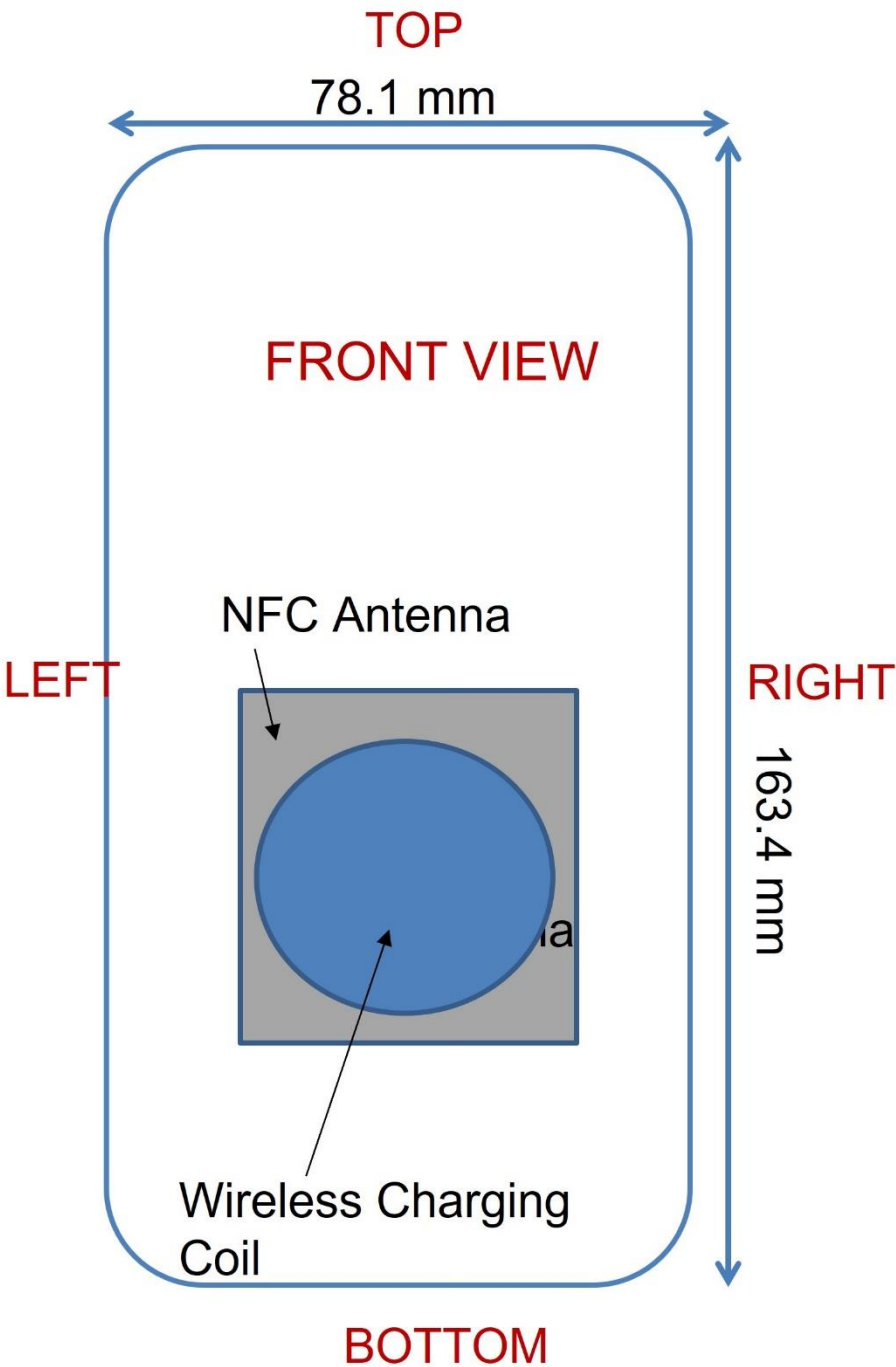
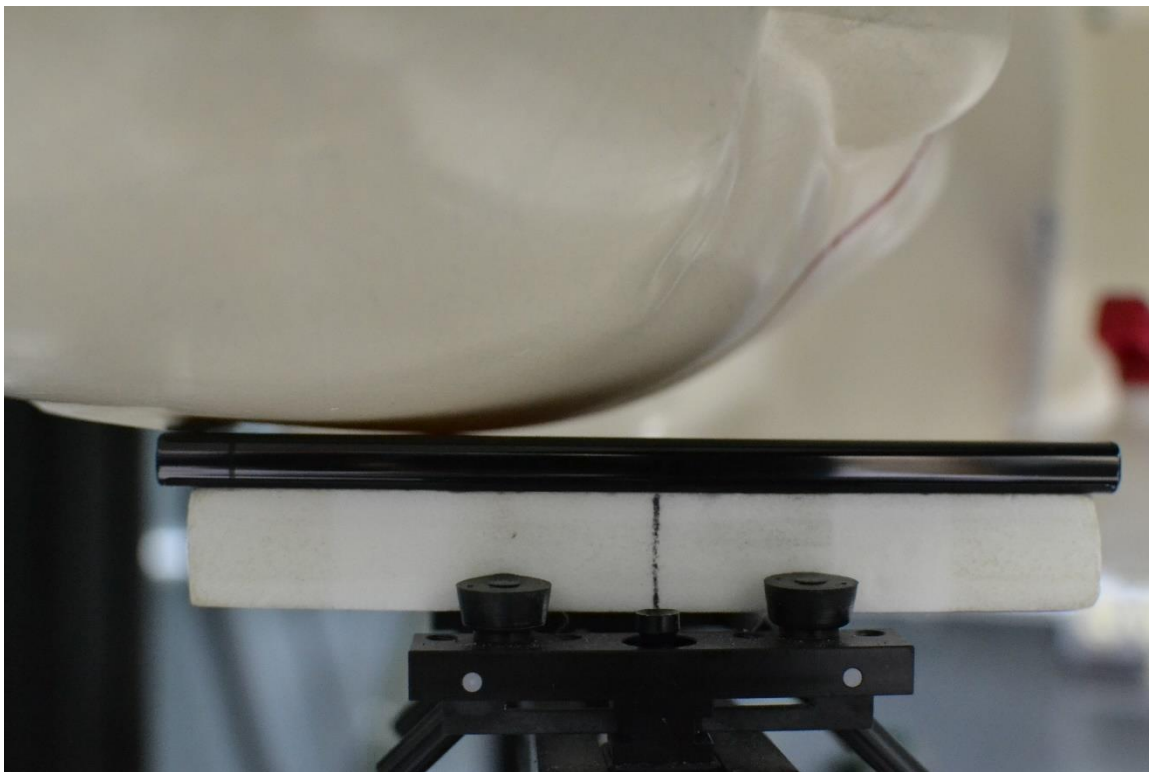
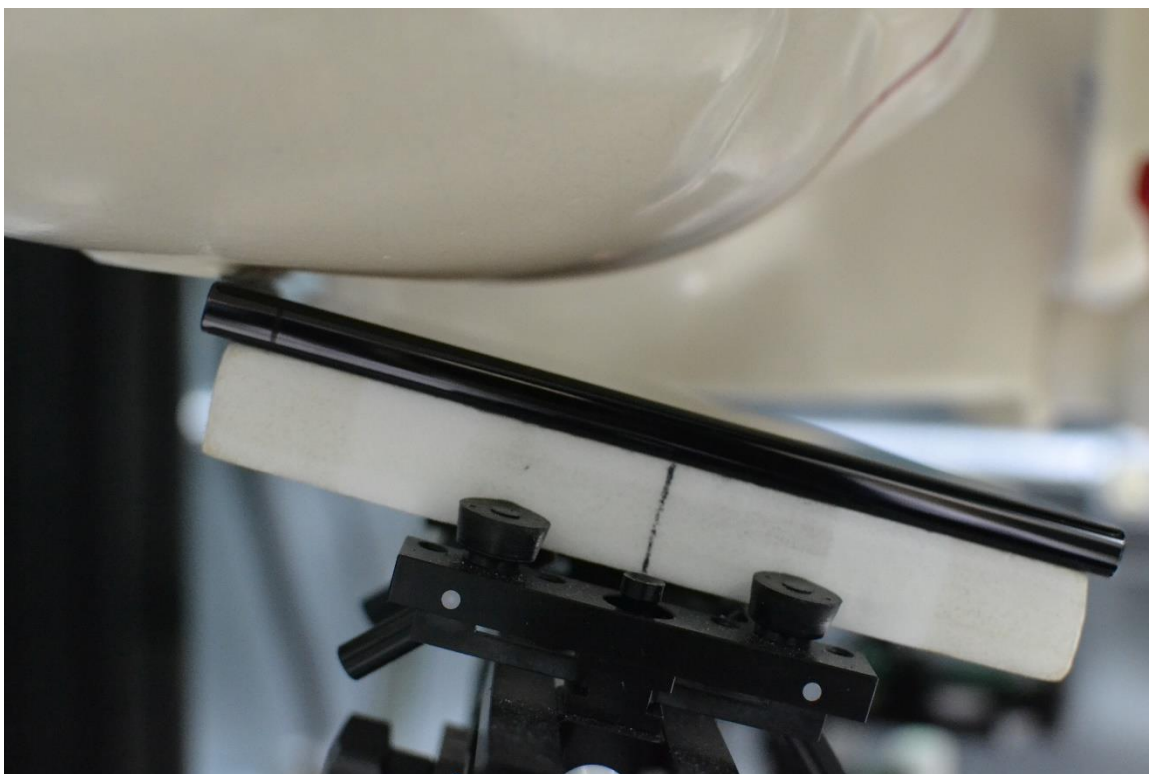


Figure K-2  
NFC Antenna Locations

|                               |                       |                                   |
|-------------------------------|-----------------------|-----------------------------------|
| FCC ID: A3LSMS918JPN          | SAR EVALUATION REPORT | Approved by:<br>Technical Manager |
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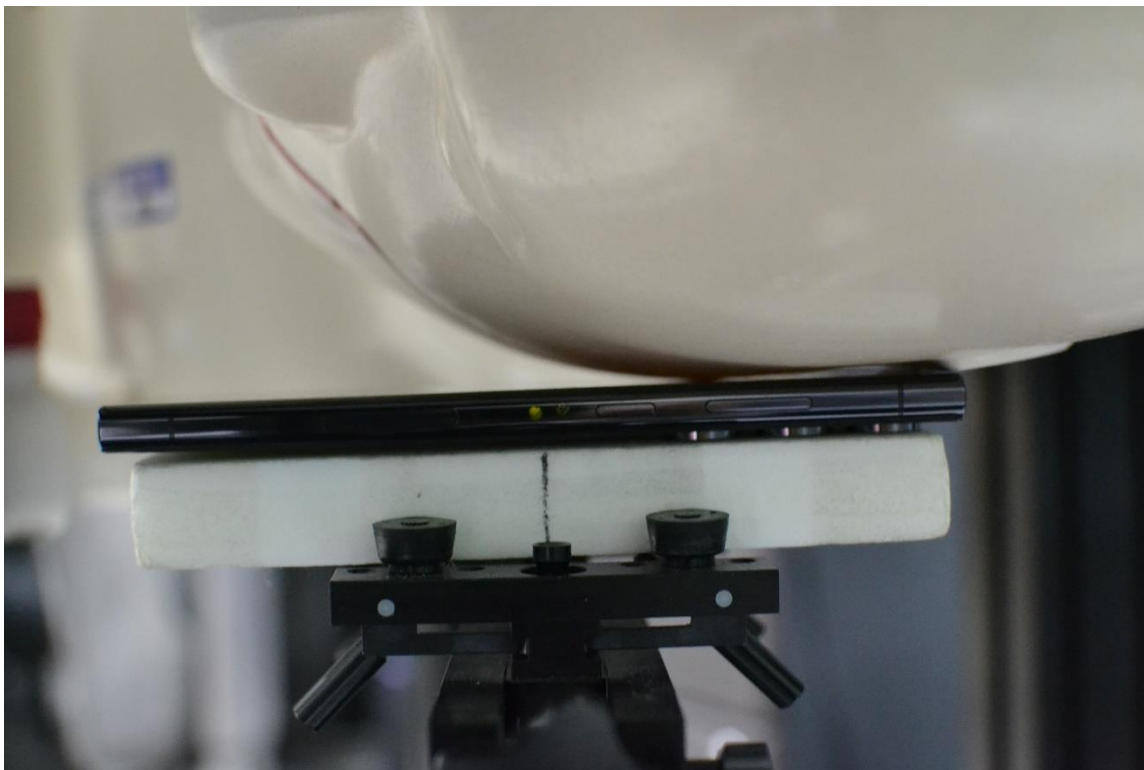


**SAR Test Setup Photo 1 – Head, Right Cheek at 0mm**

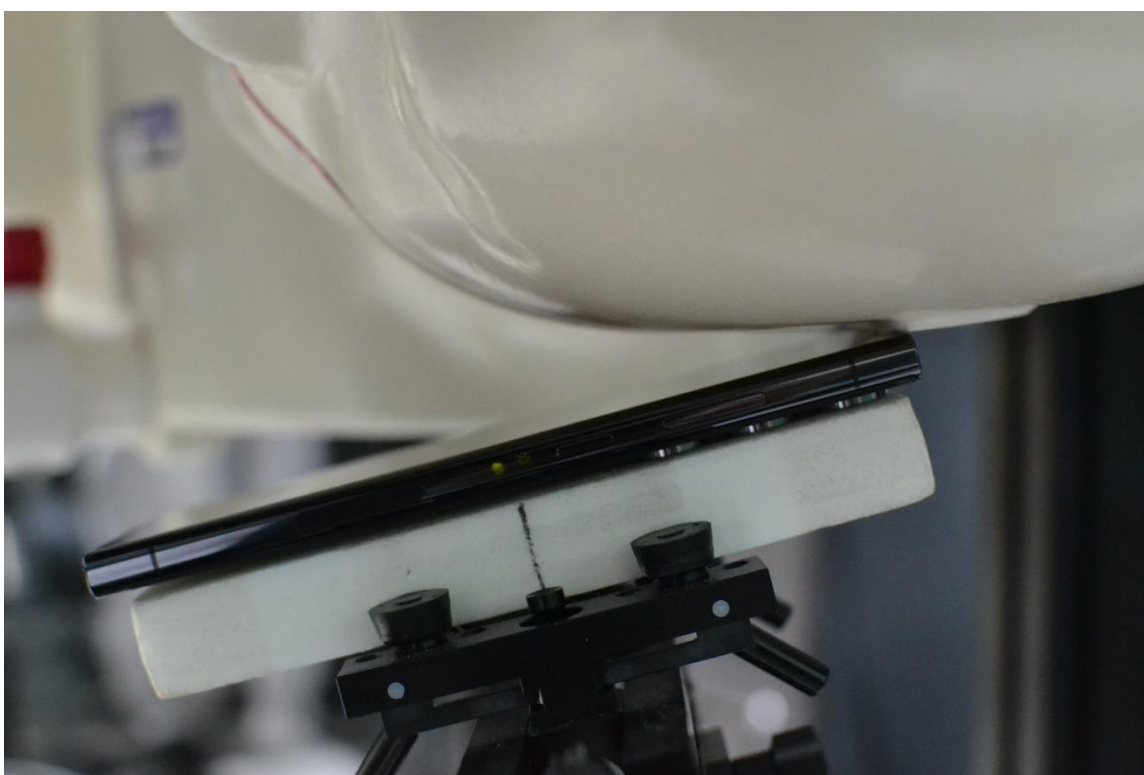


**SAR Test Setup Photo 2 – Head, Right Tilt at 0mm**

|                               |                       |                                   |
|-------------------------------|-----------------------|-----------------------------------|
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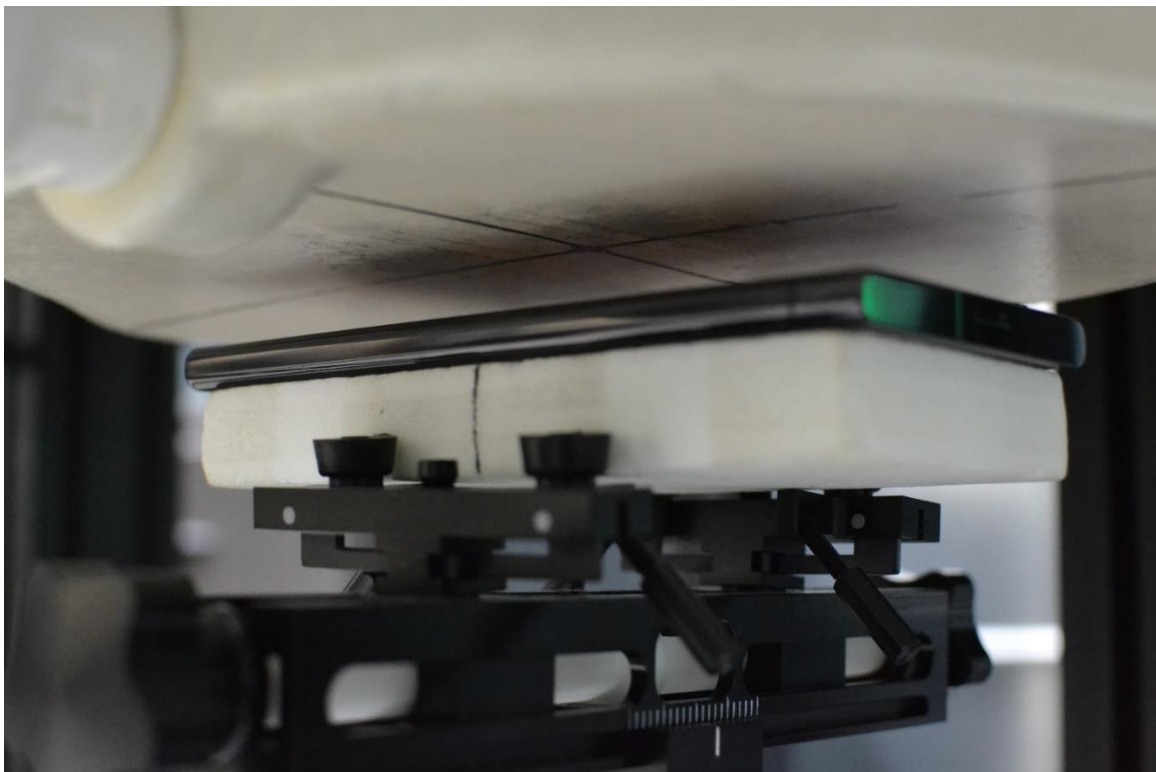


**SAR Test Setup Photo 3 – Head, Left Cheek at 0mm**

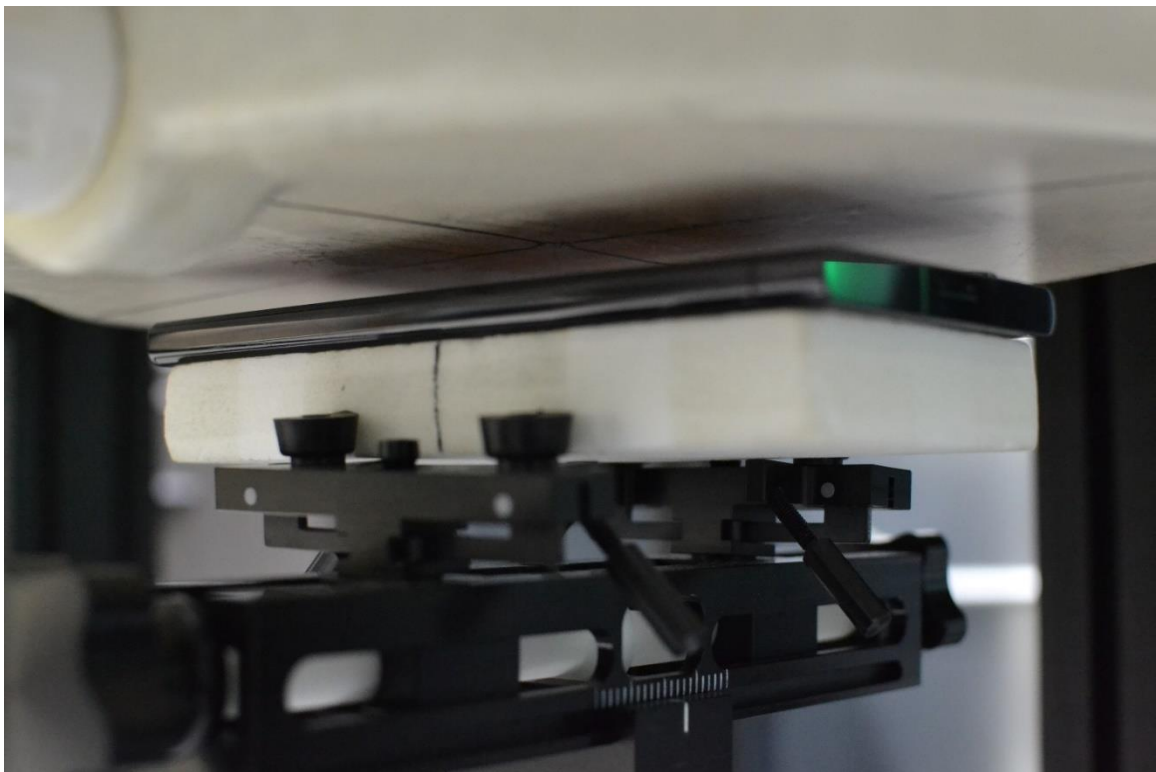


**SAR Test Setup Photo 4 – Head, Left Tilt at 0mm**

|                               |                       |                                   |
|-------------------------------|-----------------------|-----------------------------------|
| FCC ID: A3LSMS918JPN          | SAR EVALUATION REPORT | Approved by:<br>Technical Manager |
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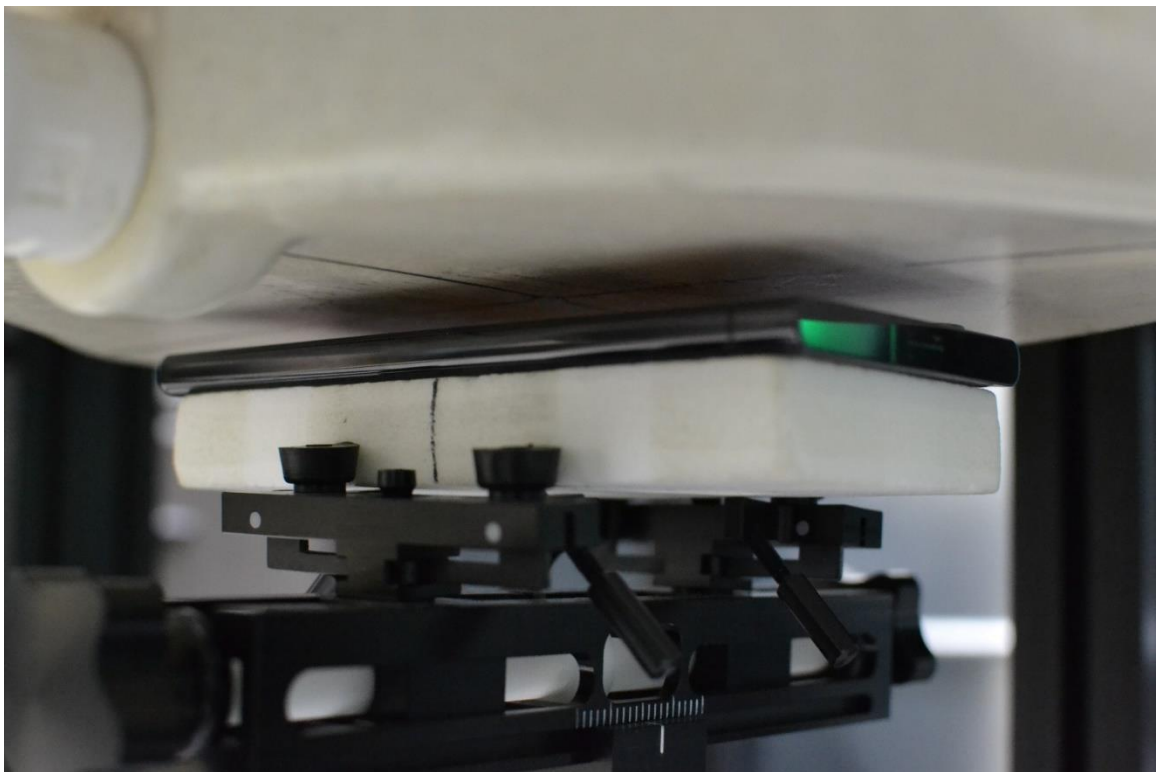


**SAR Test Setup Photo 5 – Body-worn, Back Side at 15mm**



**SAR Test Setup Photo 6 – Hotspot, Back Side at 10mm**

|                               |                       |                                   |
|-------------------------------|-----------------------|-----------------------------------|
| FCC ID: A3LSMS918JPN          | SAR EVALUATION REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Portable Handset |                       | APPENDIX K:<br>Page 6 of 14       |

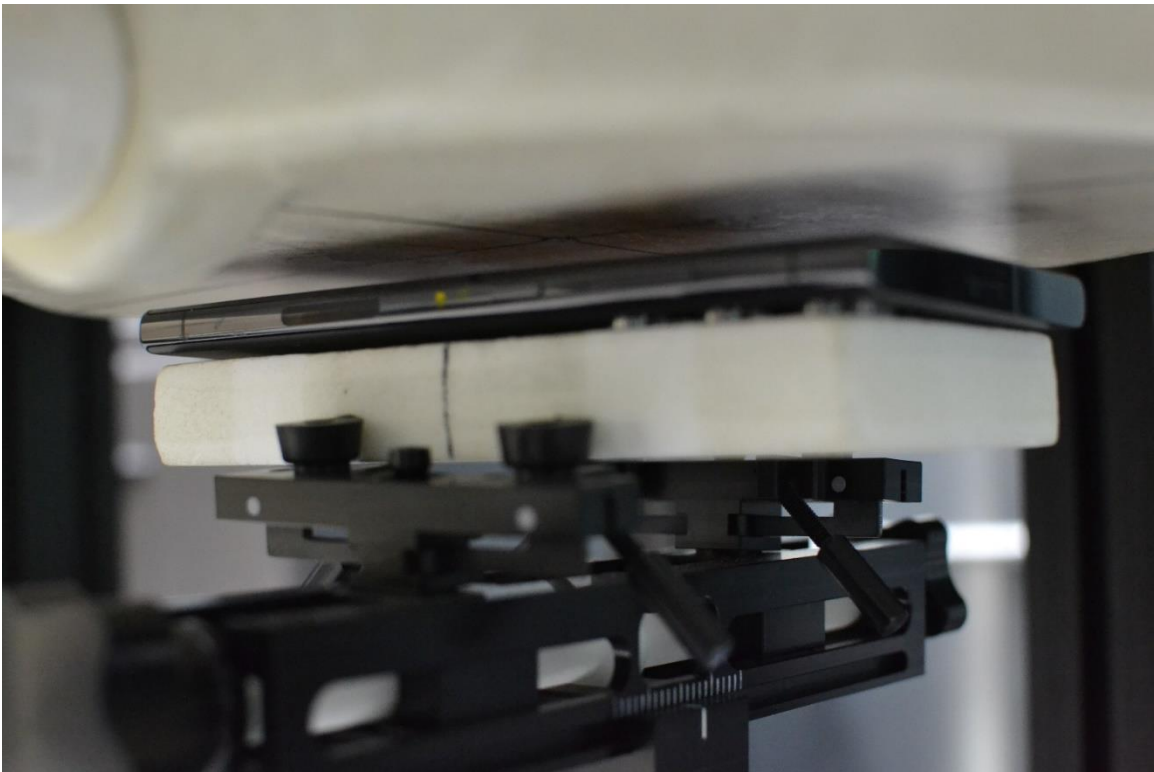


**SAR Test Setup Photo 7 – Phablet, Back Side at 8mm**

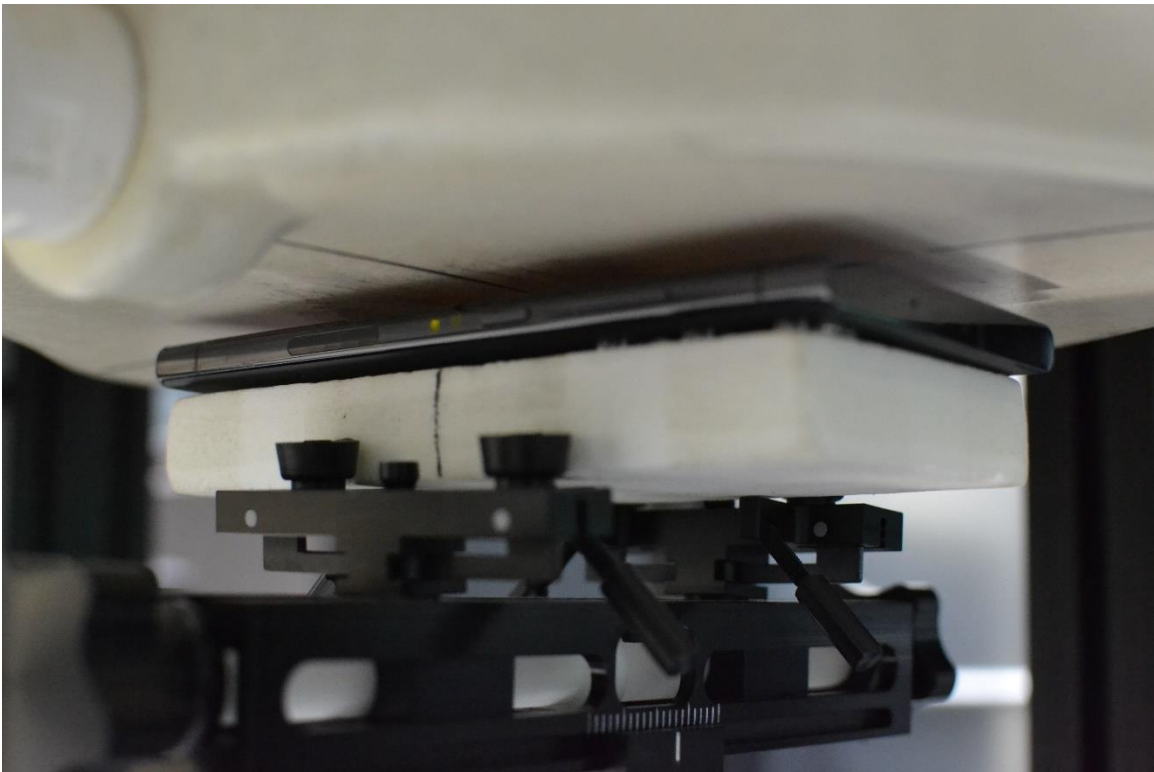


**SAR Test Setup Photo 8 – Phablet, Back Side at 0mm**

|                               |                       |                                   |
|-------------------------------|-----------------------|-----------------------------------|
| FCC ID: A3LSMS918JPN          | SAR EVALUATION REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Portable Handset |                       | APPENDIX K:<br>Page 7 of 14       |

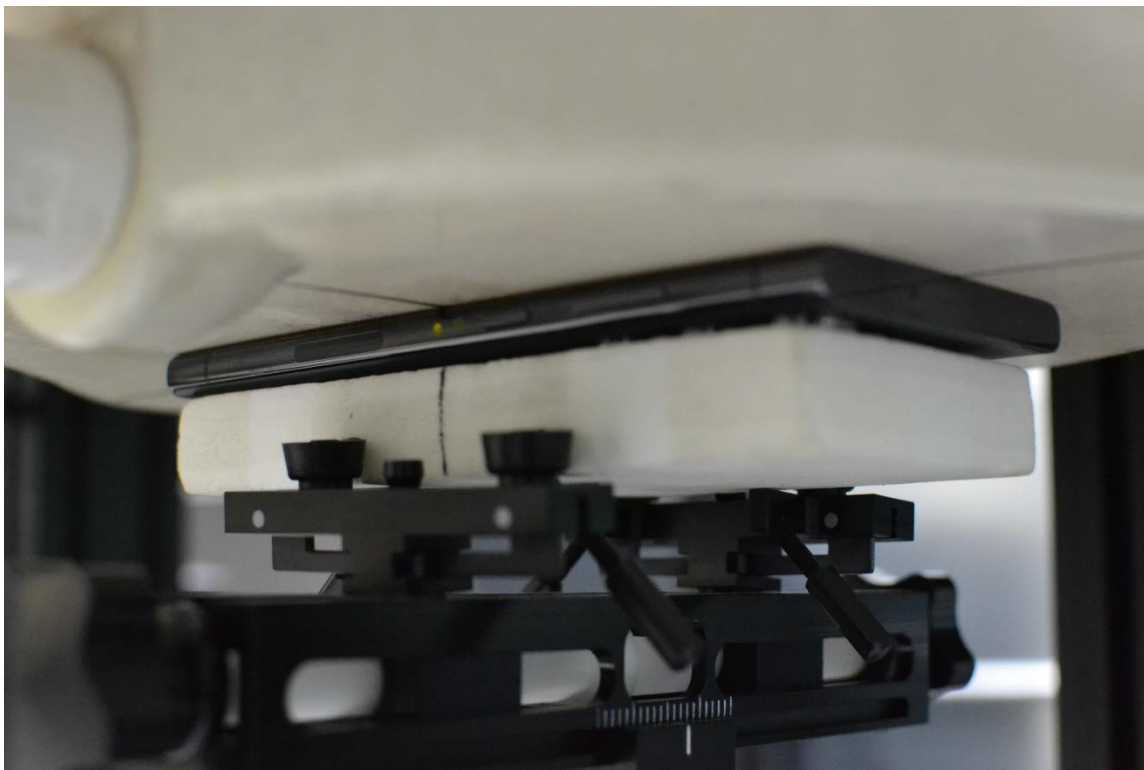


**SAR Test Setup Photo 9 – Hotspot, Front Side at 10mm**

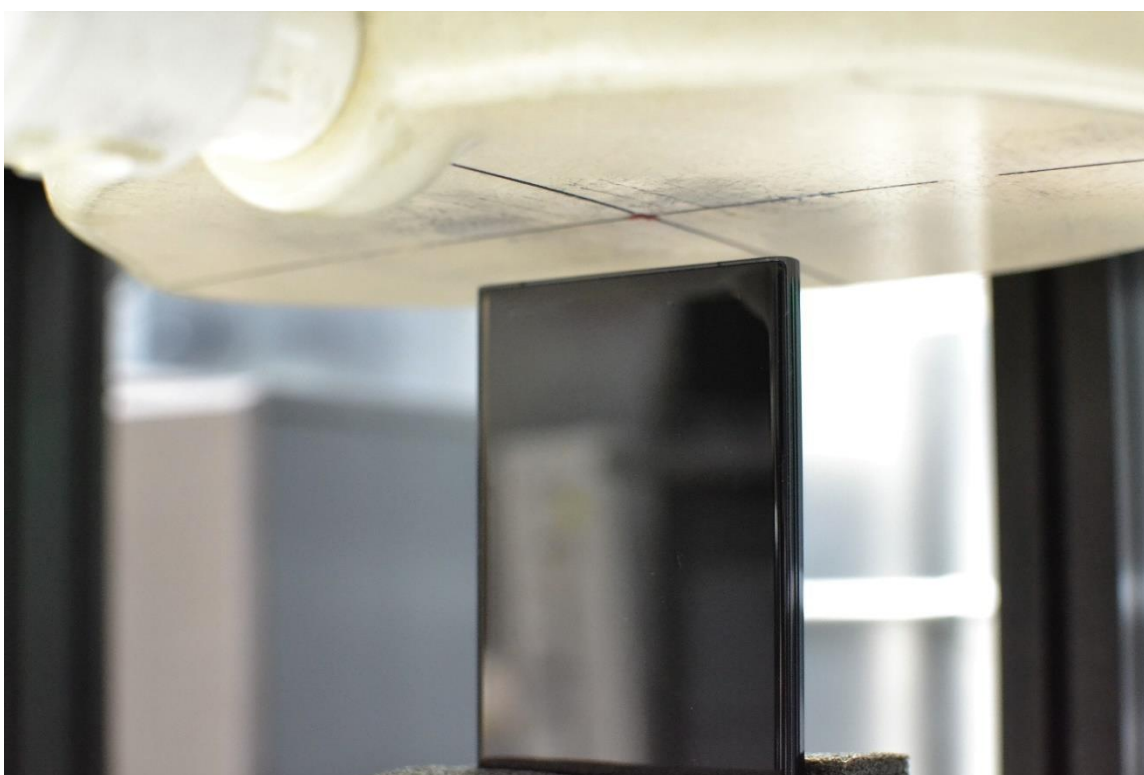


**SAR Test Setup Photo 10 – Phablet, Front Side at 6mm**

|                               |                       |                                   |
|-------------------------------|-----------------------|-----------------------------------|
| FCC ID: A3LSMS918JPN          | SAR EVALUATION REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Portable Handset |                       | APPENDIX K:<br>Page 8 of 14       |

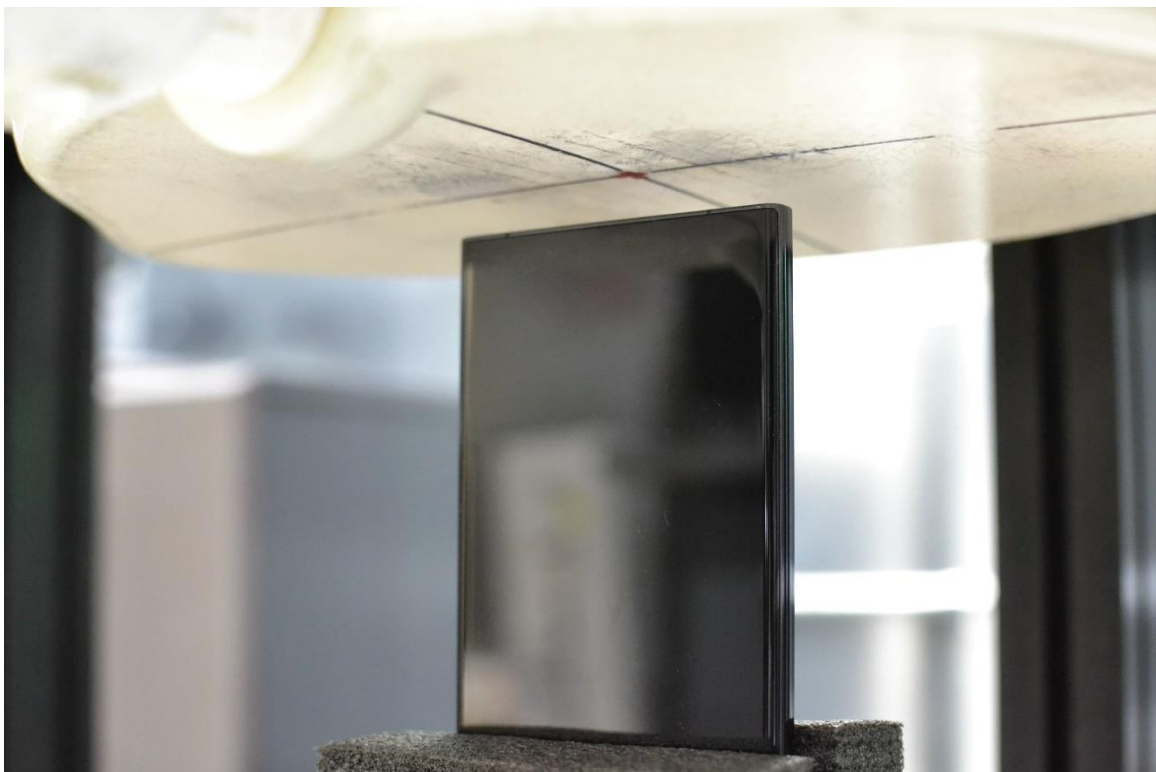


**SAR Test Setup Photo 11 – Phablet, Front Side at 0mm**



**SAR Test Setup Photo 12 – Phablet, Bottom Edge at 12mm**

|                               |                       |                                   |
|-------------------------------|-----------------------|-----------------------------------|
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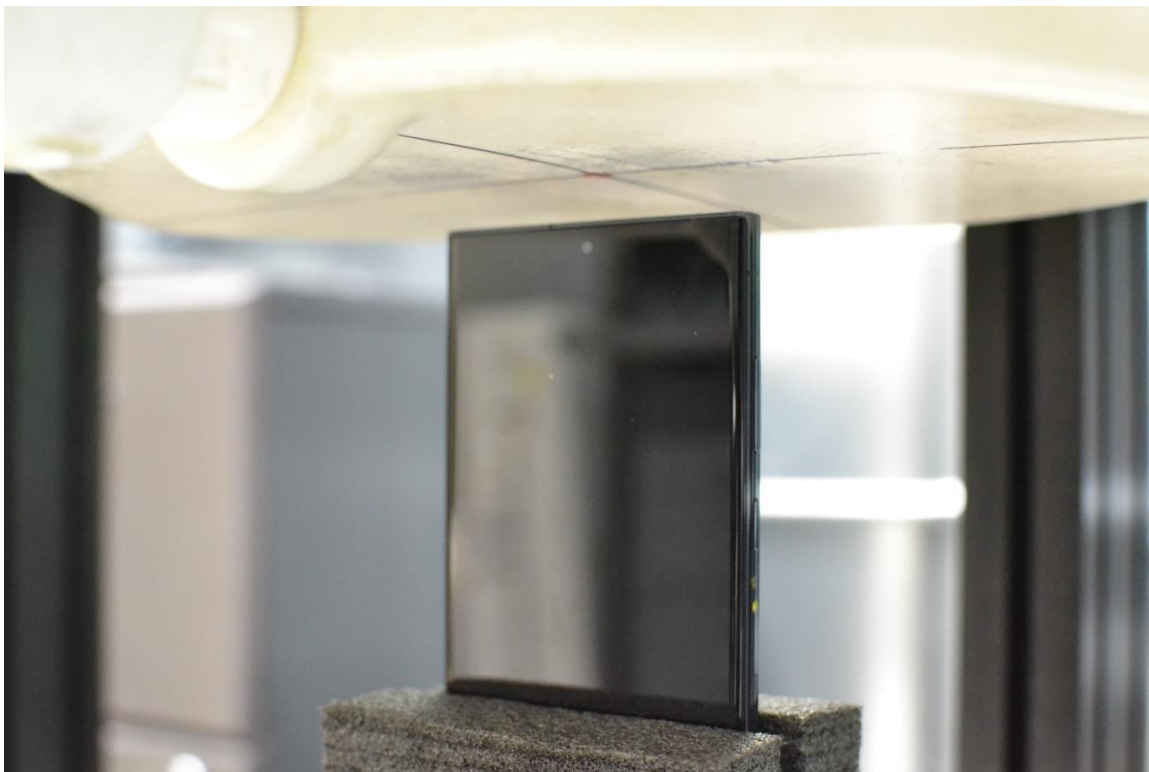


**SAR Test Setup Photo 13 – Hotspot, Bottom Edge at 10mm**



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

|                               |                       |                                   |
|-------------------------------|-----------------------|-----------------------------------|
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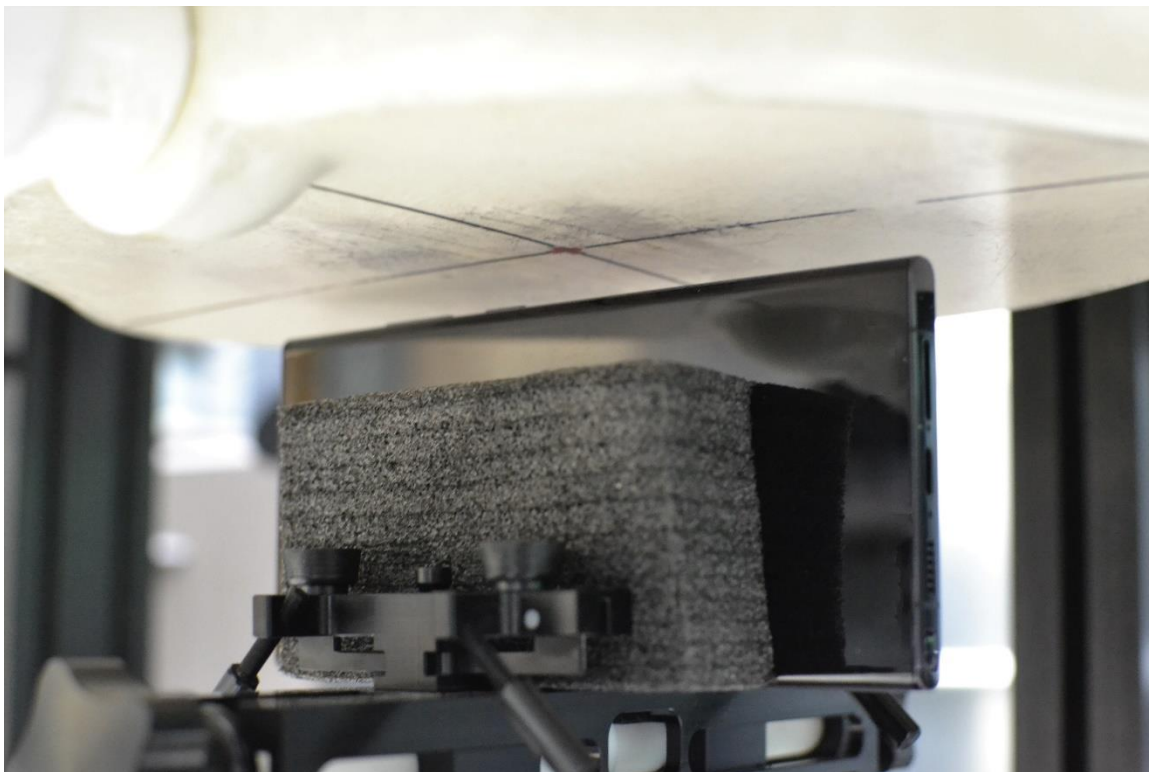


**SAR Test Setup Photo 15 – Hotspot, Top Edge at 10mm**

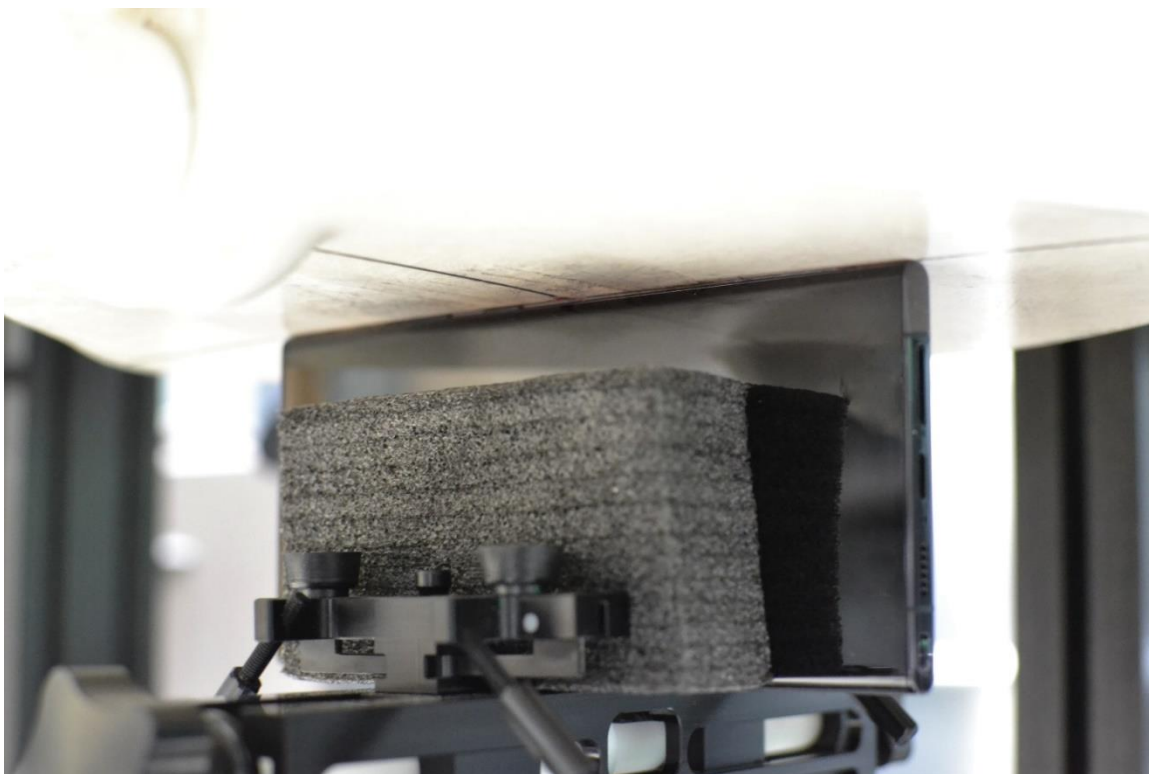


**SAR Test Setup Photo 16 – Phablet, Top Edge at 0mm**

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

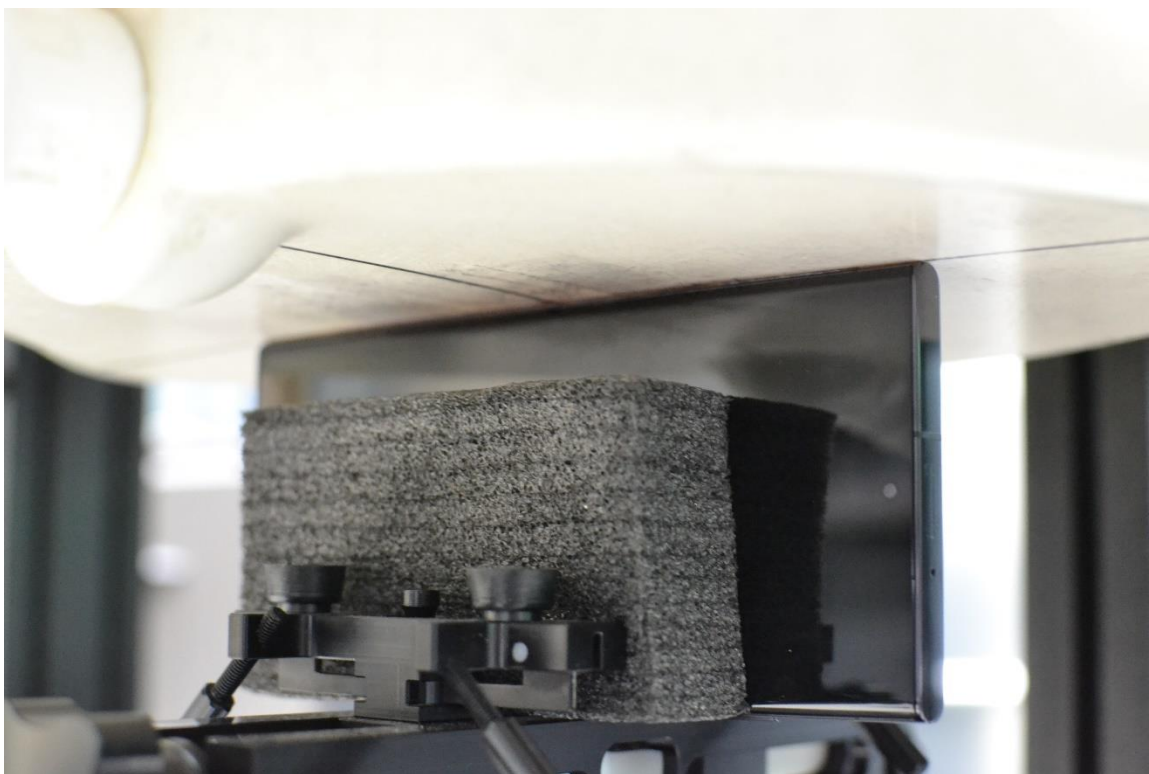


**SAR Test Setup Photo 18 – Phablet, Right Edge at 0mm**

|                               |                       |                                   |
|-------------------------------|-----------------------|-----------------------------------|
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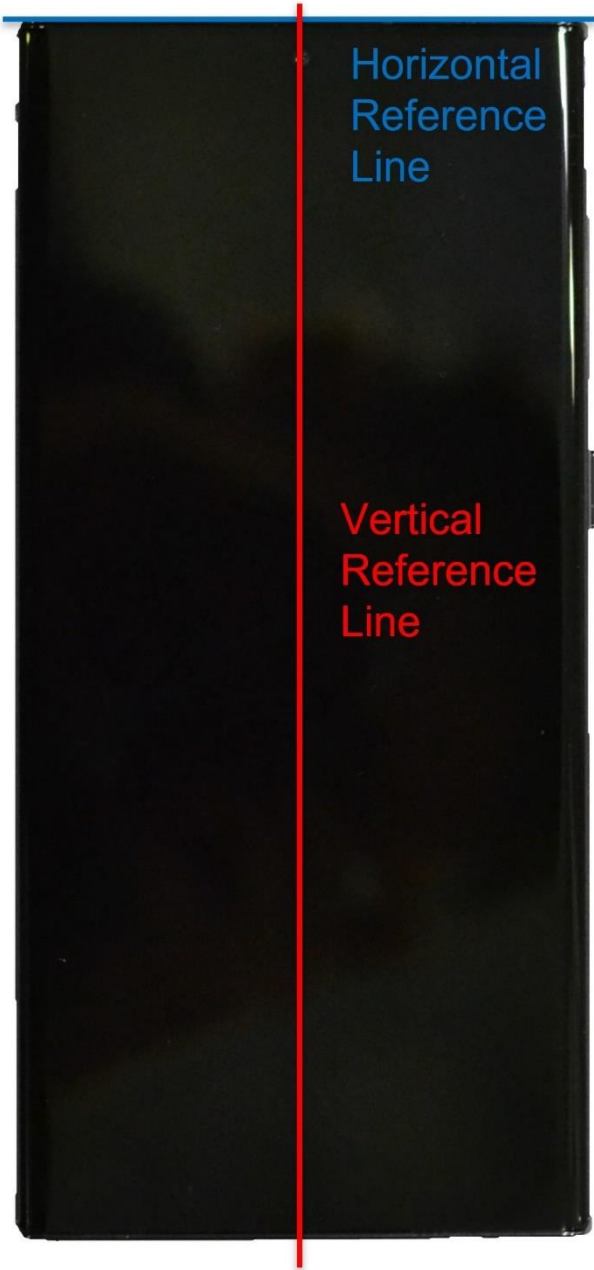


**SAR Test Setup Photo 19 – Hotspot, Left Edge at 10mm**



**SAR Test Setup Photo 20 – Phablet, Left Edge at 0mm**

|                               |                       |                                   |
|-------------------------------|-----------------------|-----------------------------------|
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SAR Test Setup Photo 21 – Reference Line

|                               |                       |                                   |
|-------------------------------|-----------------------|-----------------------------------|
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