

## APPENDIX E: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

|                                           |                                                                                                   |                              |                                                                                                 |                                        |
|-------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID:</b> ZNFV600VM                  |  <b>PCTEST</b> | <b>SAR EVALUATION REPORT</b> |  <b>LG</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>01/29/20 – 02/24/20 | <b>DUT Type:</b><br>Portable Handset                                                              | APPENDIX E:<br>Page 1 of 17  |                                                                                                 |                                        |

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

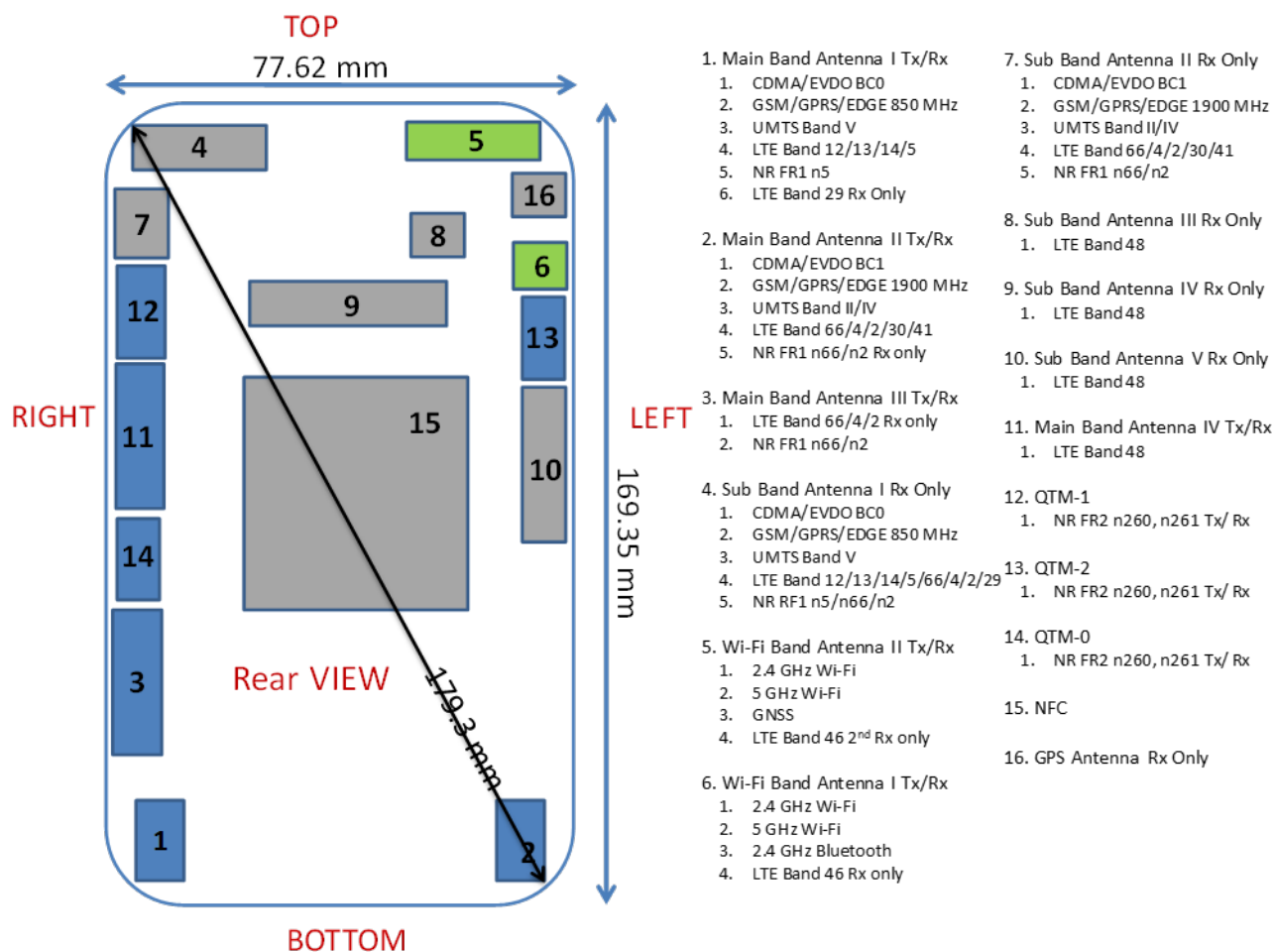


**Figure E-1**  
**DUT Antenna Locations**

|                                    |                                                                                     |                       |                                                                                       |                                 |
|------------------------------------|-------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: ZNFV600VM                  |  | SAR EVALUATION REPORT |  | Approved by:<br>Quality Manager |
| Test Dates:<br>01/29/20 – 02/24/20 | DUT Type:<br>Portable Handset                                                       |                       |                                                                                       | APPENDIX E:<br>Page 2 of 17     |

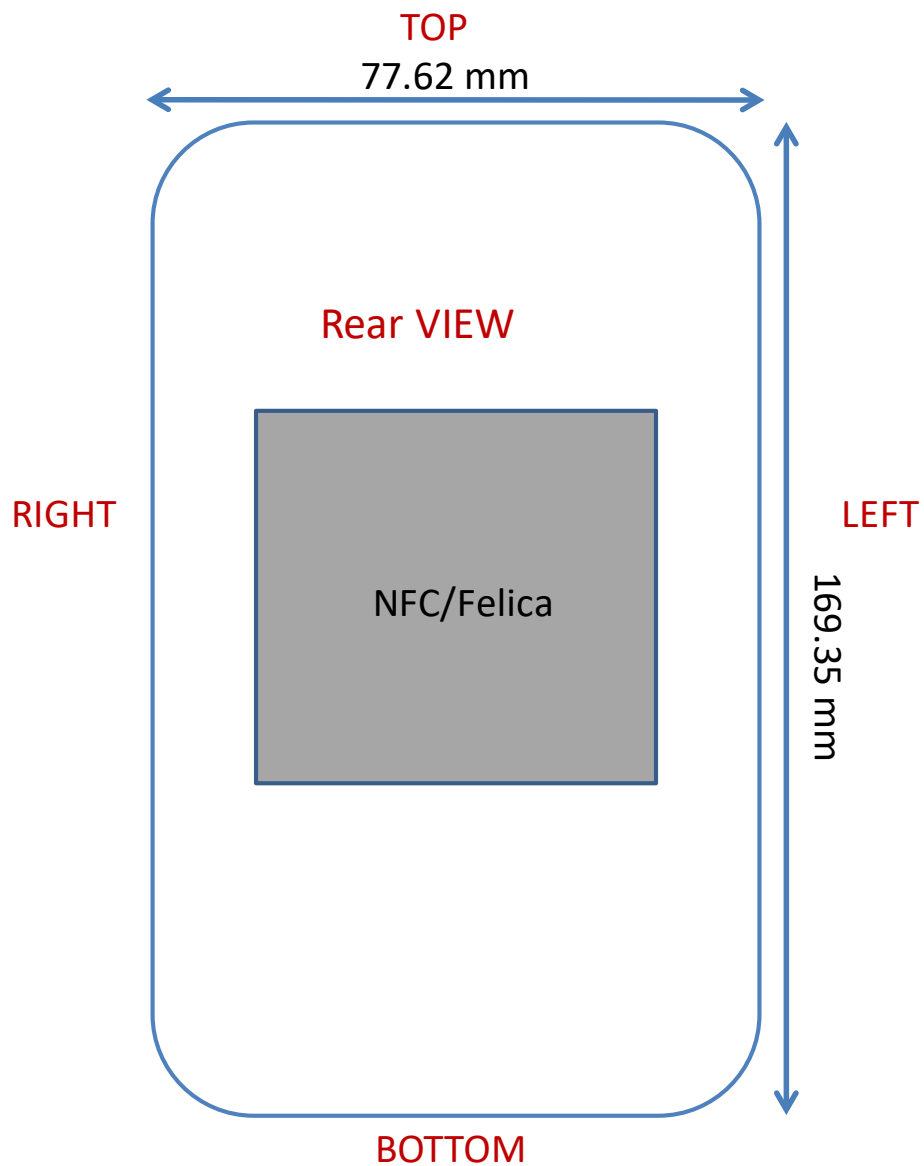
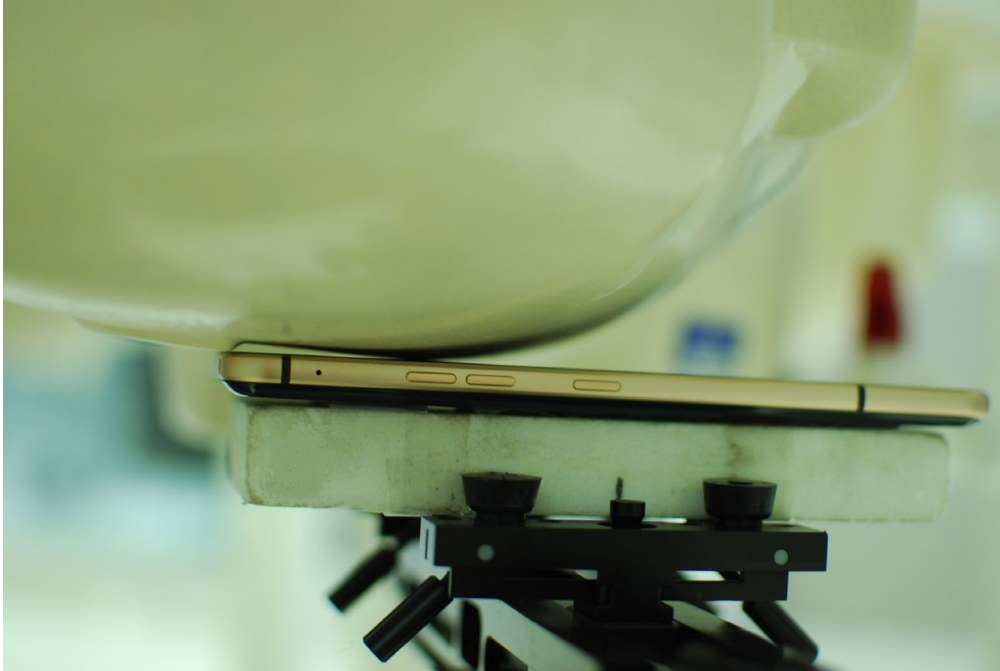
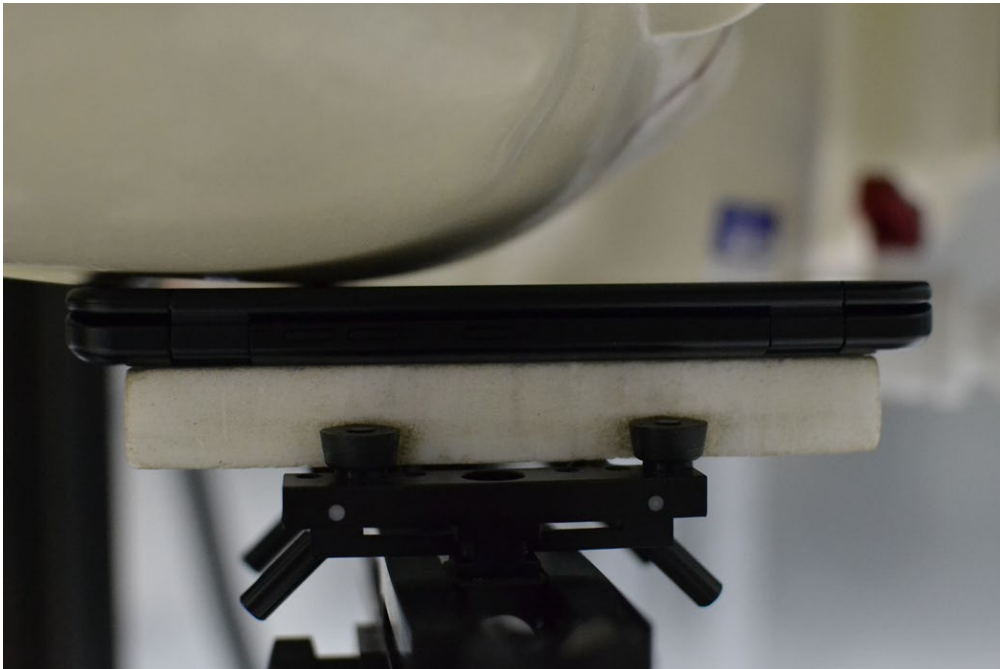


**Figure E-2**  
**NFC/Felica Antenna Locations**

|                                    |                                                                                                   |                             |                                                                                                 |                                 |
|------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: ZNFV600VM                  |  <b>PCTEST</b> | SAR EVALUATION REPORT       |  <b>LG</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/29/20 – 02/24/20 | DUT Type:<br>Portable Handset                                                                     | APPENDIX E:<br>Page 3 of 17 |                                                                                                 |                                 |

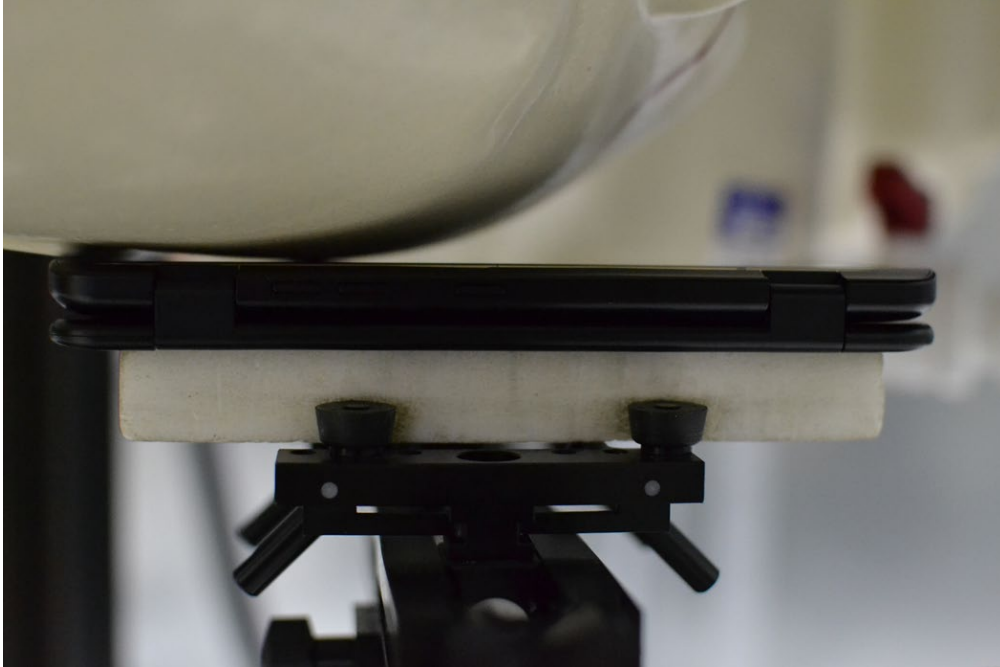


**SAR Test Setup Photo 1 – Right Cheek**

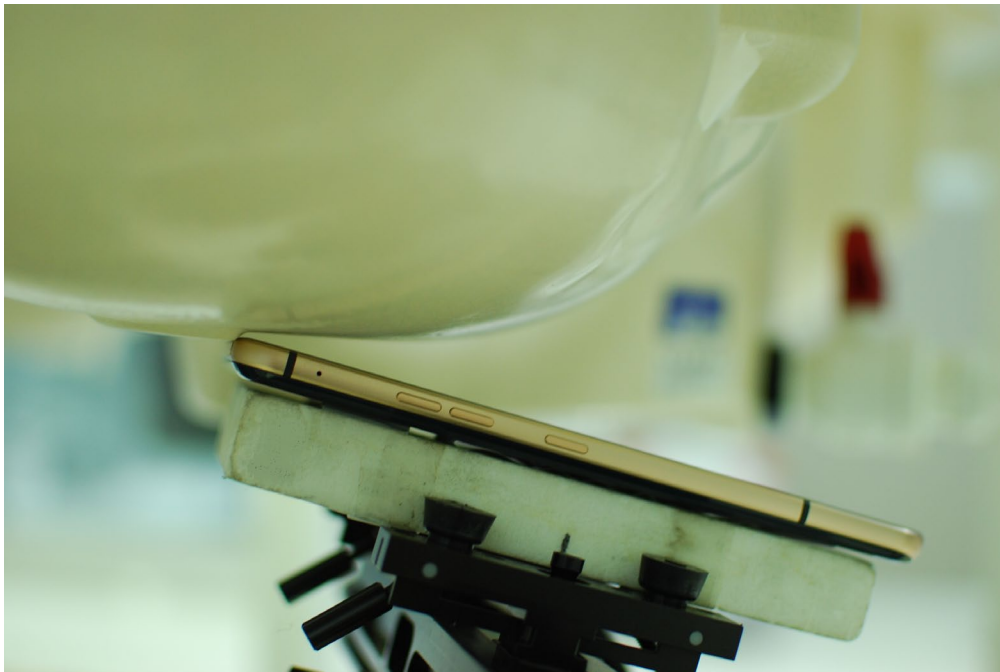


**SAR Test Setup Photo 2 – Right Cheek with Dual Display cover Position #1 (0 degrees)**

|                                           |                                                                                                   |                              |                                                                                                 |                                        |
|-------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID:</b> ZNFV600VM                  |  <b>PCTEST</b> | <b>SAR EVALUATION REPORT</b> |  <b>LG</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>01/29/20 – 02/24/20 | <b>DUT Type:</b><br>Portable Handset                                                              |                              |                                                                                                 | <b>APPENDIX E:</b><br>Page 4 of 17     |

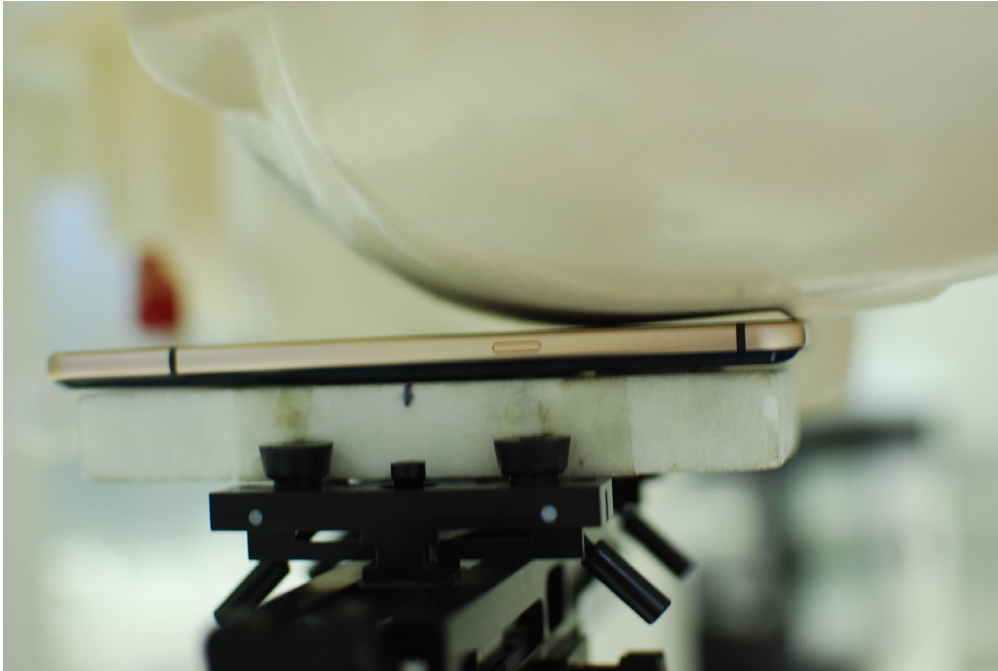


**SAR Test Setup Photo 3 – Right Cheek with Dual Display Cover Position #3 (360 degrees)**

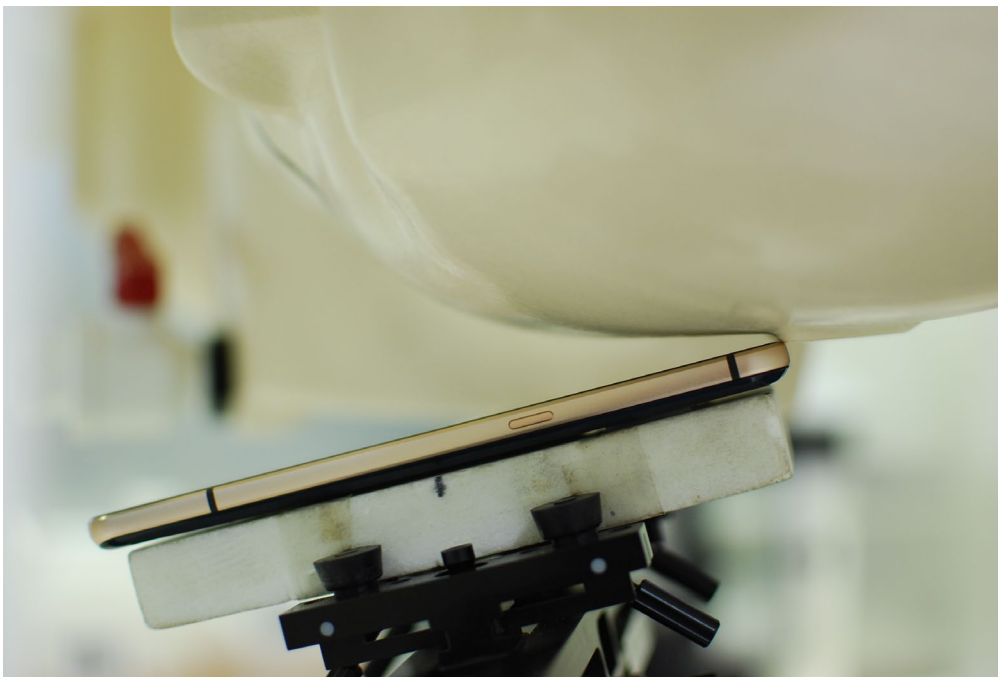


**SAR Test Setup Photo 4 – Right Tilt**

|                                           |                                                                                     |                              |                                                                                       |                                        |
|-------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID:</b> ZNFV600VM                  |  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>01/29/20 – 02/24/20 | <b>DUT Type:</b><br>Portable Handset                                                |                              |                                                                                       | <b>APPENDIX E:</b><br>Page 5 of 17     |

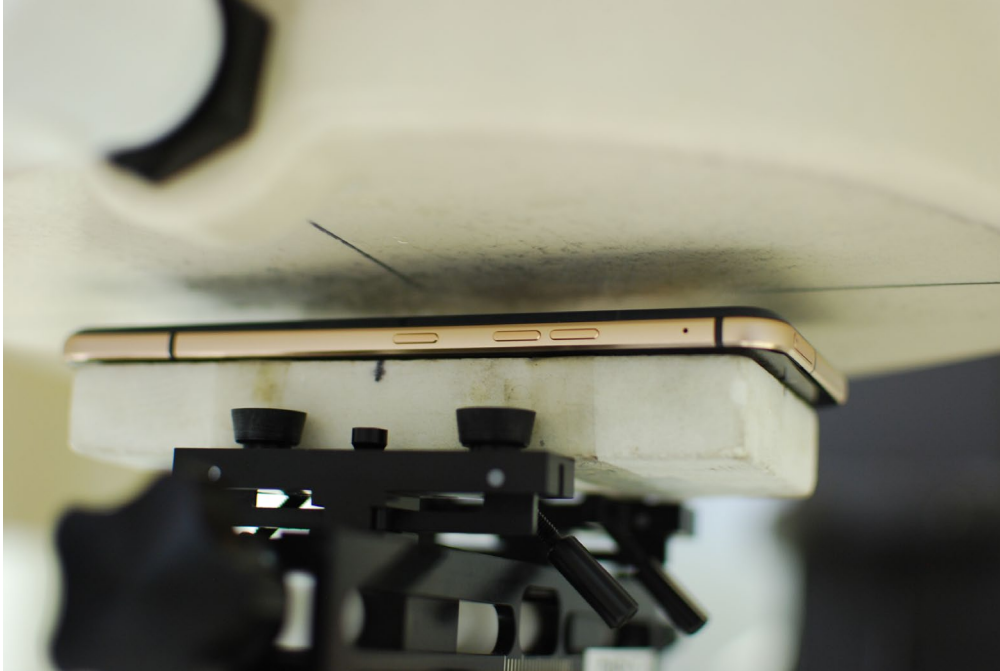


**SAR Test Setup Photo 5 – Left Cheek**

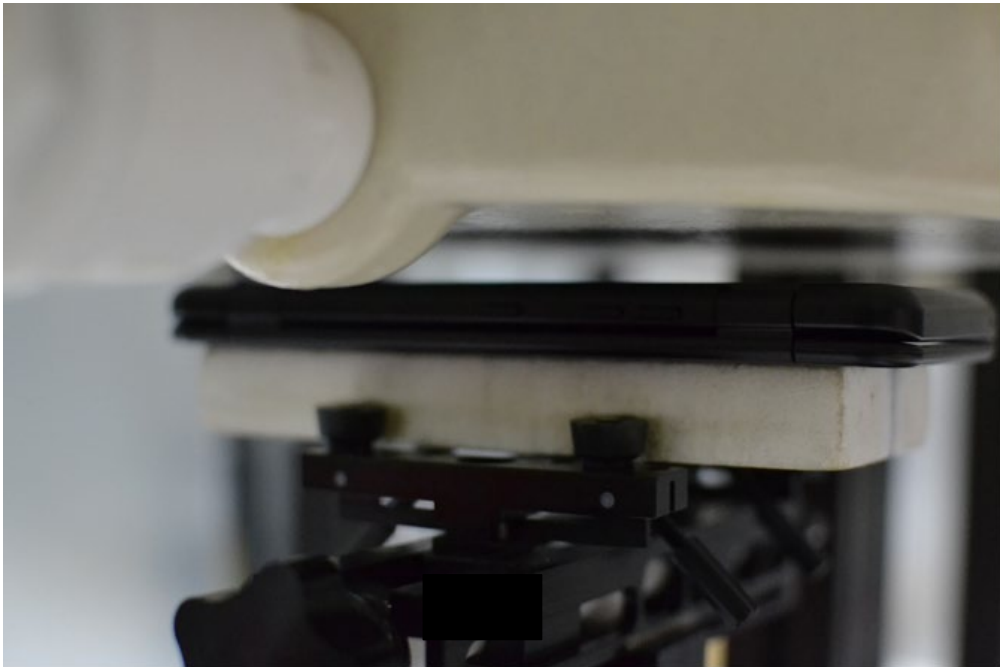


**SAR Test Setup Photo 6 – Left Tilt**

|                                           |                                                                                                   |                              |                                                                                                 |                                        |
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| <b>FCC ID:</b> ZNFV600VM                  |  <b>PCTEST</b> | <b>SAR EVALUATION REPORT</b> |  <b>LG</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>01/29/20 – 02/24/20 | <b>DUT Type:</b><br>Portable Handset                                                              |                              |                                                                                                 | <b>APPENDIX E:</b><br>Page 6 of 17     |

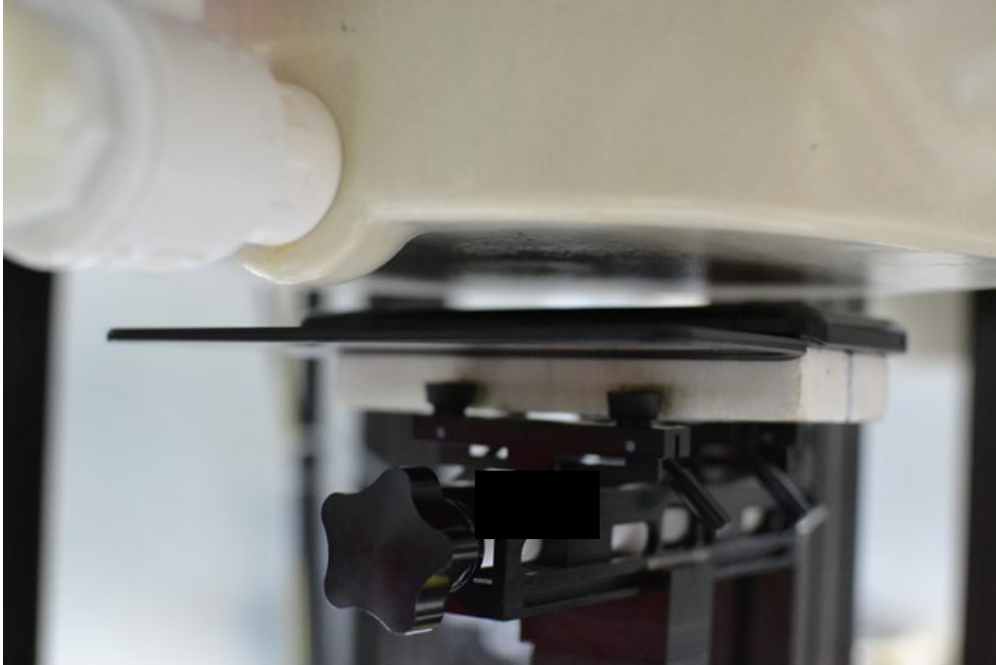


**SAR Test Setup Photo 7 – Back Side at 10 mm**

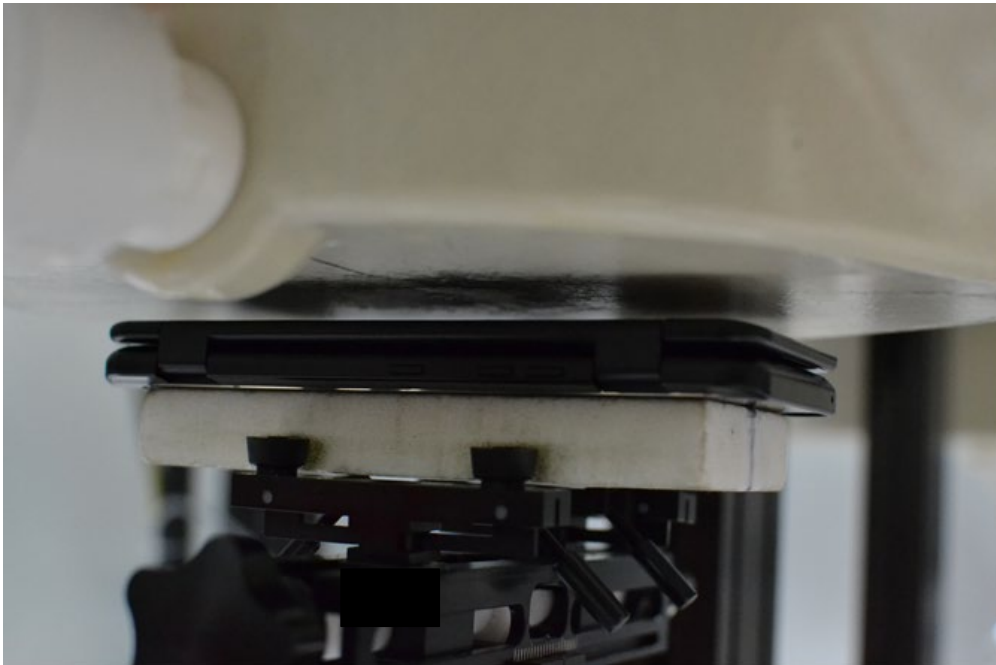


**SAR Test Setup Photo 8 – Back Side at 10 mm with Dual Display Cover Position #1 (0 degrees)**

|                                           |                                                                                     |                              |                                                                                       |                                        |
|-------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID:</b> ZNFV600VM                  |  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>01/29/20 – 02/24/20 | <b>DUT Type:</b><br>Portable Handset                                                |                              |                                                                                       | <b>APPENDIX E:</b><br>Page 7 of 17     |



**SAR Test Setup Photo 9 – Back Side at 10 mm with Dual Display Cover Position #2 (180 degrees)**



**SAR Test Setup Photo 10 – Back Side at 10 mm with Dual Display Cover Position #3 (360 degrees)**

|                                           |                                                                                                   |                              |                                                                                                 |                                        |
|-------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID:</b> ZNFV600VM                  |  <b>PCTEST</b> | <b>SAR EVALUATION REPORT</b> |  <b>LG</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>01/29/20 – 02/24/20 | <b>DUT Type:</b><br>Portable Handset                                                              |                              |                                                                                                 | <b>APPENDIX E:</b><br>Page 8 of 17     |



SAR Test Setup Photo 11 – Back Side at 2 mm



SAR Test Setup Photo 12 – Back Side at 0 mm

|                                    |                                                                                     |                       |                                                                                       |                                 |
|------------------------------------|-------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------|---------------------------------|
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| Test Dates:<br>01/29/20 – 02/24/20 | DUT Type:<br>Portable Handset                                                       |                       |                                                                                       | APPENDIX E:<br>Page 9 of 17     |



**SAR Test Setup Photo 13 – Front Side at 10 mm**

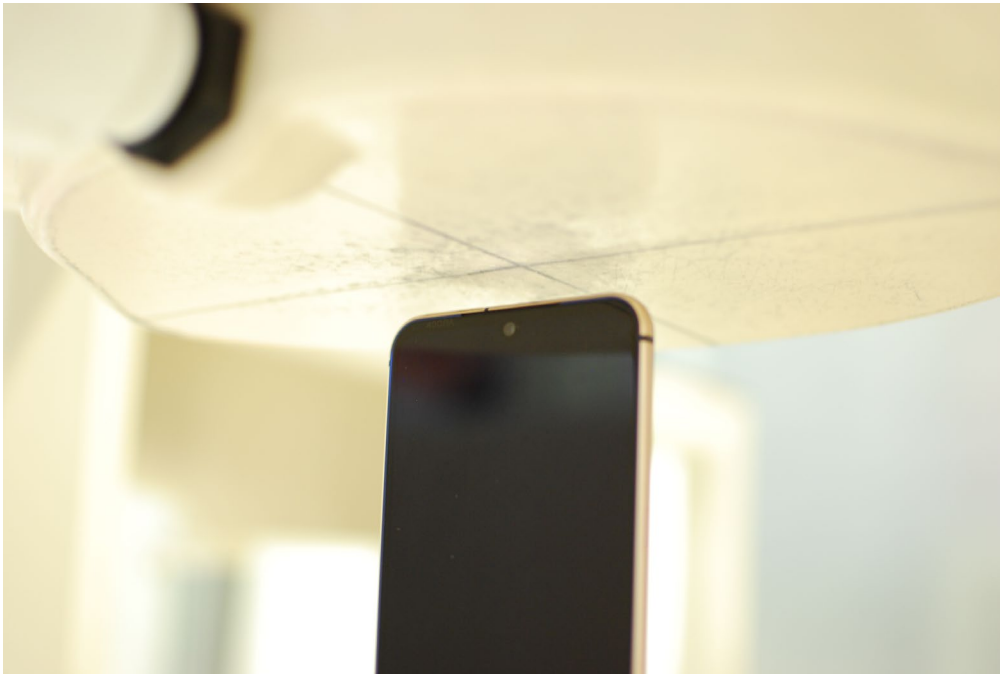


**SAR Test Setup Photo 3 – Front Side at 1 mm**

|                                           |                                                                                                   |                              |                                                                                                 |                                        |
|-------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID:</b> ZNFV600VM                  |  <b>PCTEST</b> | <b>SAR EVALUATION REPORT</b> |  <b>LG</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>01/29/20 – 02/24/20 | <b>DUT Type:</b><br>Portable Handset                                                              |                              |                                                                                                 | <b>APPENDIX E:</b><br>Page 10 of 17    |



SAR Test Setup Photo 15 – Front Side at 0 mm



SAR Test Setup Photo 4 – Top Edge at 10 mm

|                                    |                                                                                                   |                       |                                                                                                 |                                 |
|------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: ZNFV600VM                  |  <b>PCTEST</b> | SAR EVALUATION REPORT |  <b>LG</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/29/20 – 02/24/20 | DUT Type:<br>Portable Handset                                                                     |                       |                                                                                                 | APPENDIX E:<br>Page 11 of 17    |



**SAR Test Setup Photo 17 – Top Edge at 0 mm**

|                                           |                                                                                                   |                              |                                                                                                 |                                        |
|-------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID:</b> ZNFV600VM                  |  <b>PCTEST</b> | <b>SAR EVALUATION REPORT</b> |  <b>LG</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>01/29/20 – 02/24/20 | <b>DUT Type:</b><br>Portable Handset                                                              |                              |                                                                                                 | <b>APPENDIX E:</b><br>Page 12 of 17    |



**SAR Test Setup Photo 18 – Bottom Edge at 10 mm**



**SAR Test Setup Photo 19 – Bottom Edge at 3 mm**

|                                           |                                                                                                   |                              |                                                                                                 |                                        |
|-------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID:</b> ZNFV600VM                  |  <b>PCTEST</b> | <b>SAR EVALUATION REPORT</b> |  <b>LG</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>01/29/20 – 02/24/20 | <b>DUT Type:</b><br>Portable Handset                                                              |                              |                                                                                                 | <b>APPENDIX E:</b><br>Page 13 of 17    |



**SAR Test Setup Photo 20 – Bottom Edge at 0 mm**

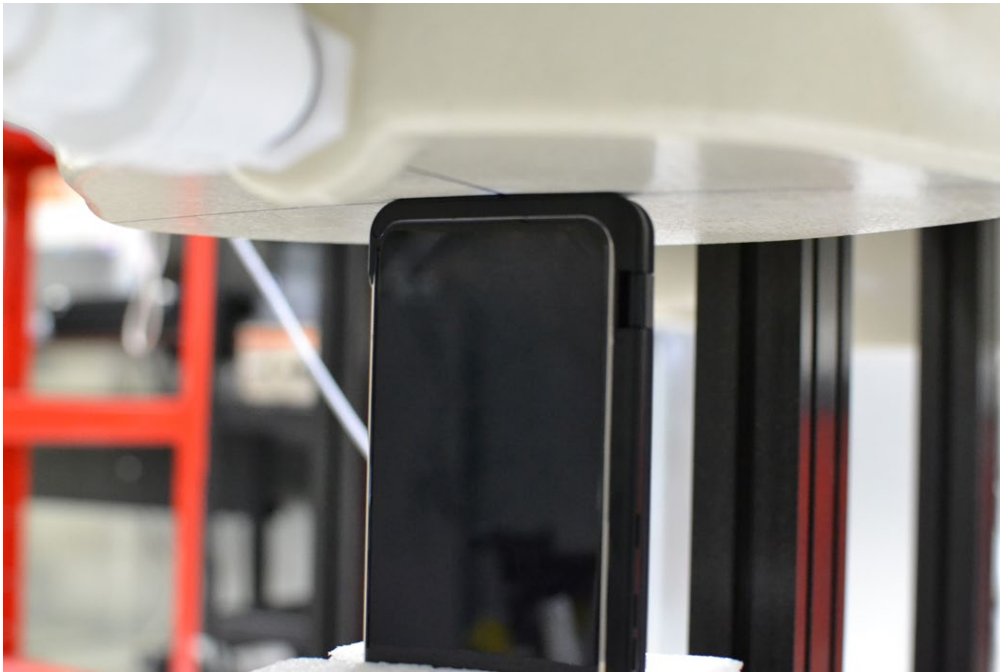


**SAR Test Setup Photo 21 – Bottom Side at 0 mm with Dual Display Cover Position #1 (0 degrees)**

|                                           |                                                                                                   |                              |                                                                                                 |                                        |
|-------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID:</b> ZNFV600VM                  |  <b>PCTEST</b> | <b>SAR EVALUATION REPORT</b> |  <b>LG</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>01/29/20 – 02/24/20 | <b>DUT Type:</b><br>Portable Handset                                                              |                              |                                                                                                 | <b>APPENDIX E:</b><br>Page 14 of 17    |



**SAR Test Setup Photo 22 – Bottom Side at 0 mm with Dual Display Cover Position #2 (180 degrees)**

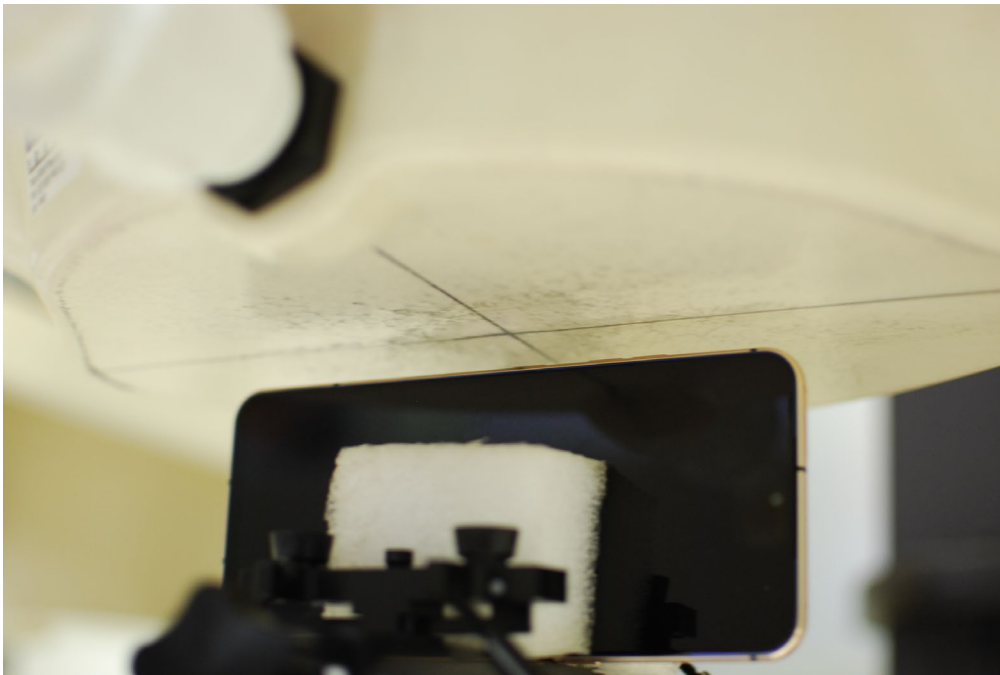


**SAR Test Setup Photo 23 – Bottom Side at 0 mm with Dual Display Cover Position #3 (360 degrees)**

|                                           |                                                                                     |                              |                                                                                       |                                        |
|-------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
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| <b>Test Dates:</b><br>01/29/20 – 02/24/20 | <b>DUT Type:</b><br>Portable Handset                                                |                              |                                                                                       | <b>APPENDIX E:</b><br>Page 15 of 17    |



**SAR Test Setup Photo 24 – Right Edge at 10 mm**



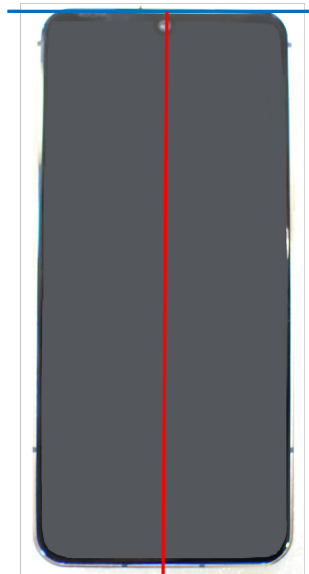
**SAR Test Setup Photo 25 – Left Edge at 10 mm**

|                                           |                                                                                                   |                              |                                                                                                 |                                        |
|-------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID:</b> ZNFV600VM                  |  <b>PCTEST</b> | <b>SAR EVALUATION REPORT</b> |  <b>LG</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>01/29/20 – 02/24/20 | <b>DUT Type:</b><br>Portable Handset                                                              |                              |                                                                                                 | <b>APPENDIX E:</b><br>Page 16 of 17    |



**SAR Test Setup Photo 26 – Left Edge at 0 mm**

Horizontal Reference Line



Vertical Reference Line

**SAR Test Setup Photo 27: Horizontal and Vertical Reference Lines**

|                                    |                                                                                                   |                       |                                                                                                 |                                 |
|------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------|---------------------------------|
| FCC ID: ZNFV600VM                  |  <b>PCTEST</b> | SAR EVALUATION REPORT |  <b>LG</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>01/29/20 – 02/24/20 | DUT Type:<br>Portable Handset                                                                     |                       |                                                                                                 | APPENDIX E:<br>Page 17 of 17    |