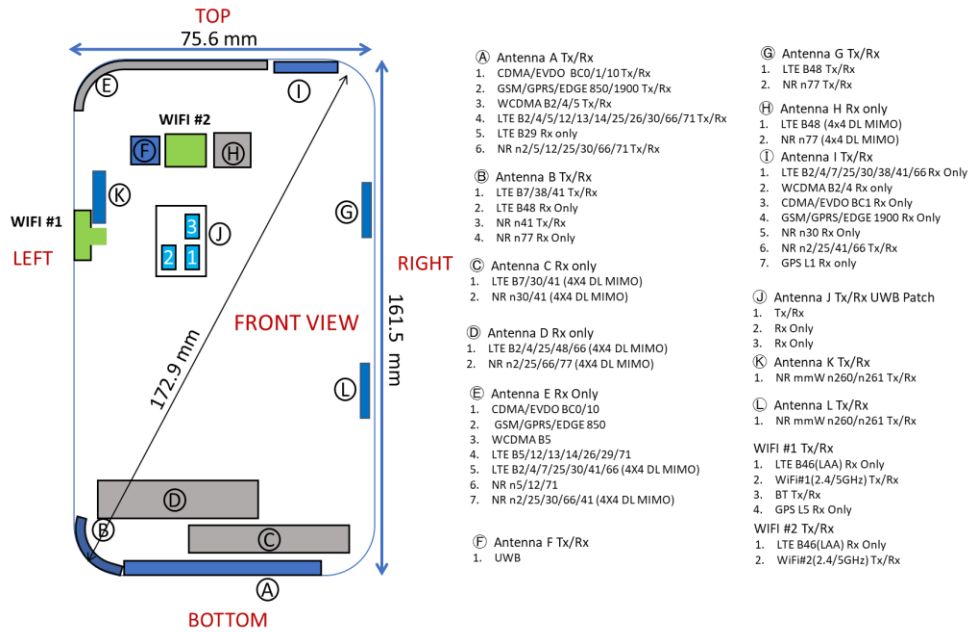


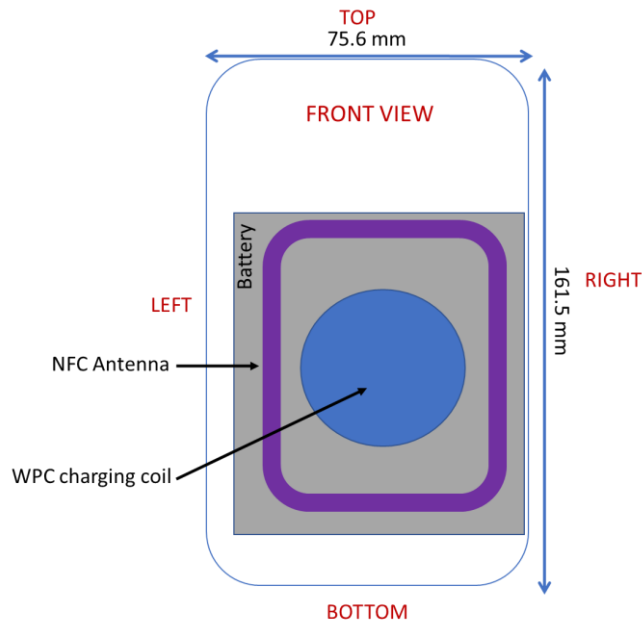
## APPENDIX E: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

|                                           |                                                                                                                                                                                                                                 |                              |                                                                                       |                                        |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG996U                  |  <b>PCTEST</b><br><small>Proud to be part of the</small>  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>09/16/20 – 12/01/20 | <b>DUT Type:</b><br>Portable Handset                                                                                                                                                                                            |                              |                                                                                       | APPENDIX E:<br>Page 1 of 12            |



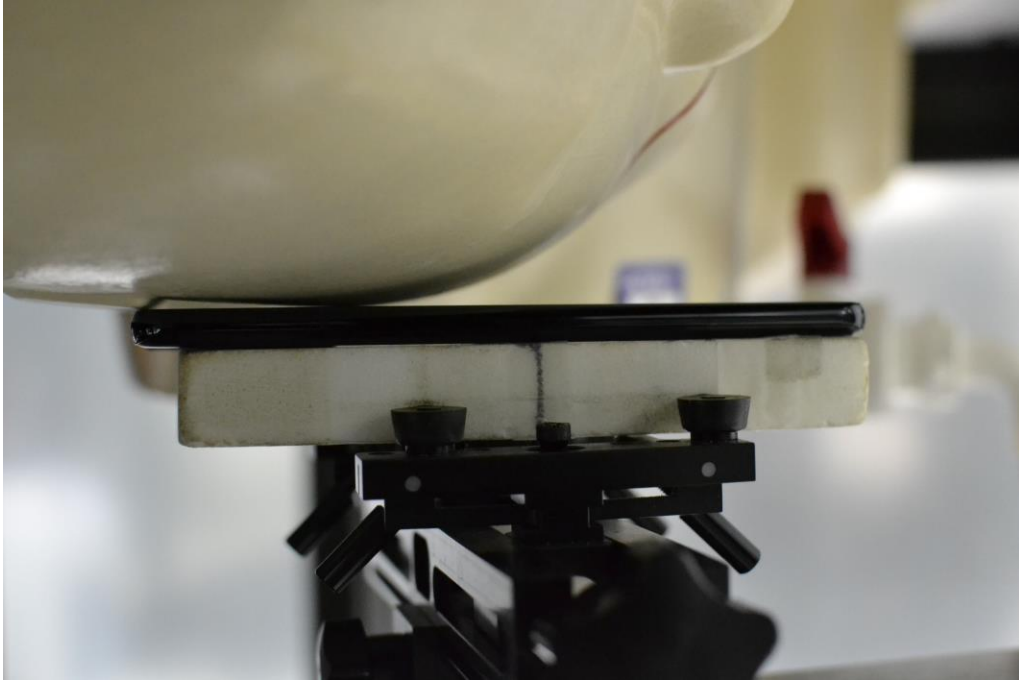
**Figure E-1**  
**DUT Antenna Locations**

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

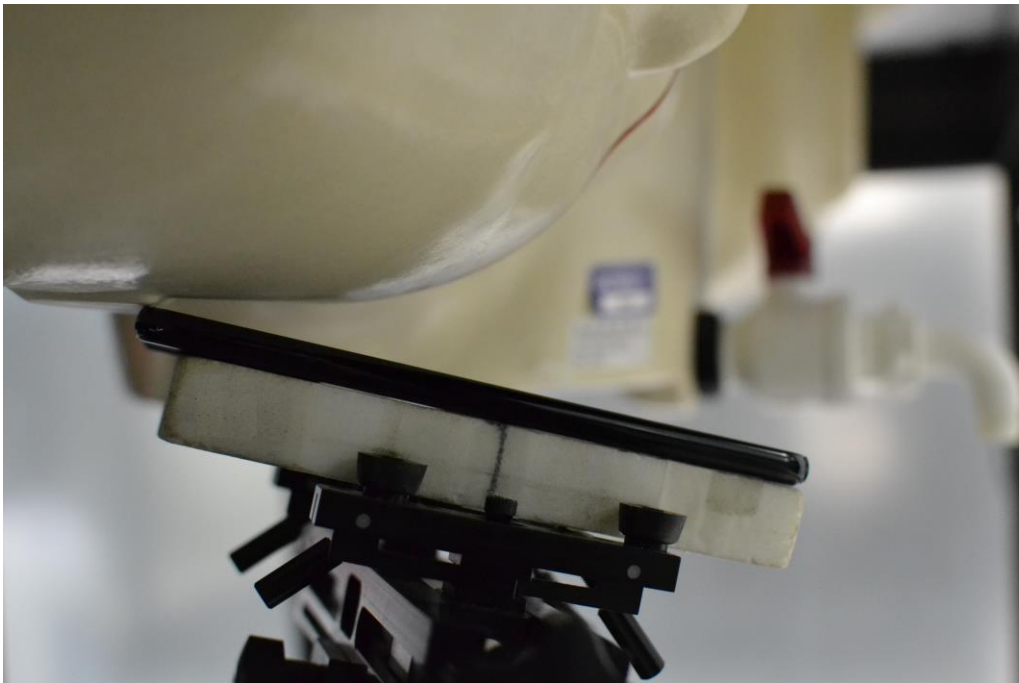


**Figure E-2**  
**NFC Antenna Locations**

|                                    |                                                            |                       |                |                                 |
|------------------------------------|------------------------------------------------------------|-----------------------|----------------|---------------------------------|
| FCC ID A3LSMG996U                  | <b>PCTEST</b><br>Proud to be part of the Samsung ecosystem | SAR EVALUATION REPORT | <b>SAMSUNG</b> | Approved by:<br>Quality Manager |
| Test Dates:<br>09/16/20 – 12/01/20 | DUT Type:<br>Portable Handset                              |                       |                | APPENDIX E:<br>Page 2 of 12     |

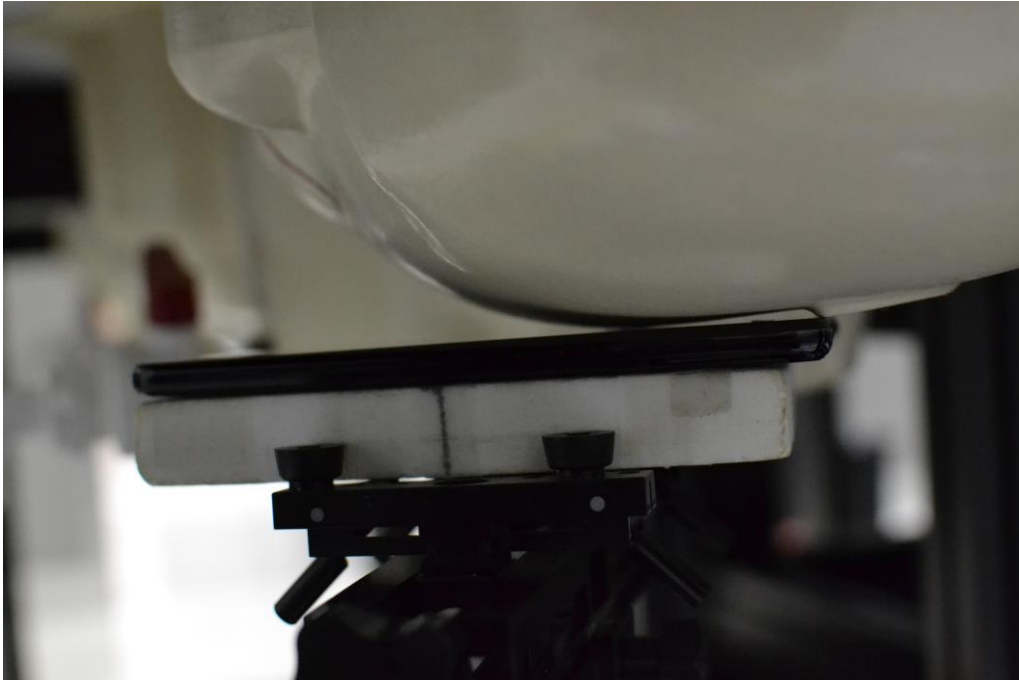


**SAR Test Setup Photo 1 – Right Cheek**

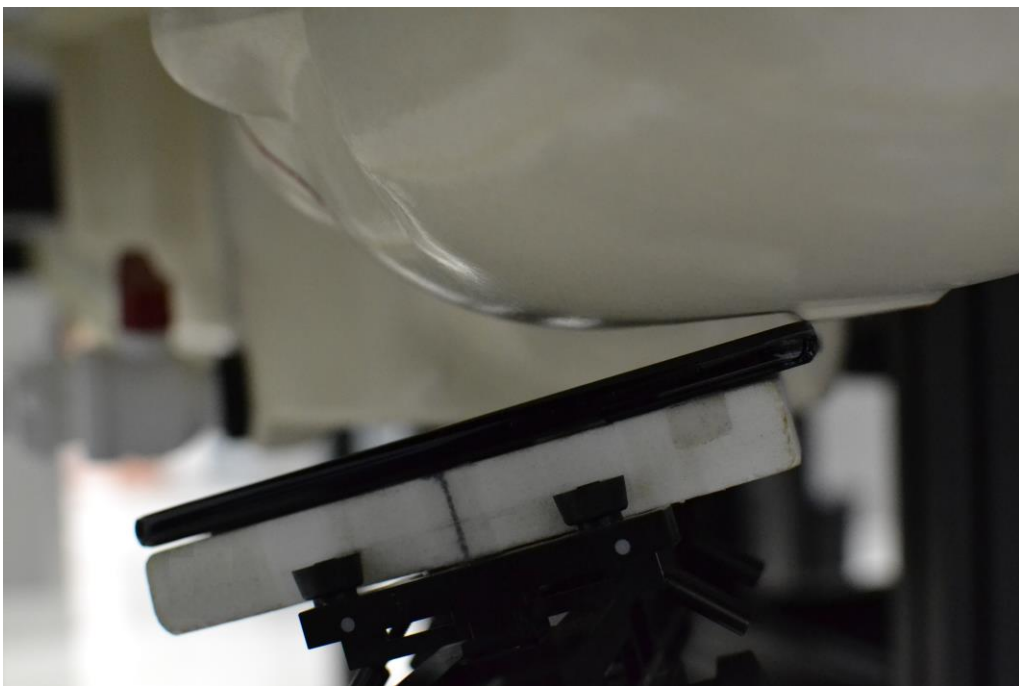


**SAR Test Setup Photo 2 – Right Tilt**

|                                    |                                                                                                                                                                                                                             |                       |                                                                                       |                                 |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------|---------------------------------|
| FCC ID A3LSMG996U                  |  <b>PCTEST</b><br><small>Proud to be part of</small>  | SAR EVALUATION REPORT |  | Approved by:<br>Quality Manager |
| Test Dates:<br>09/16/20 – 12/01/20 | DUT Type:<br>Portable Handset                                                                                                                                                                                               |                       |                                                                                       | APPENDIX E:<br>Page 3 of 12     |

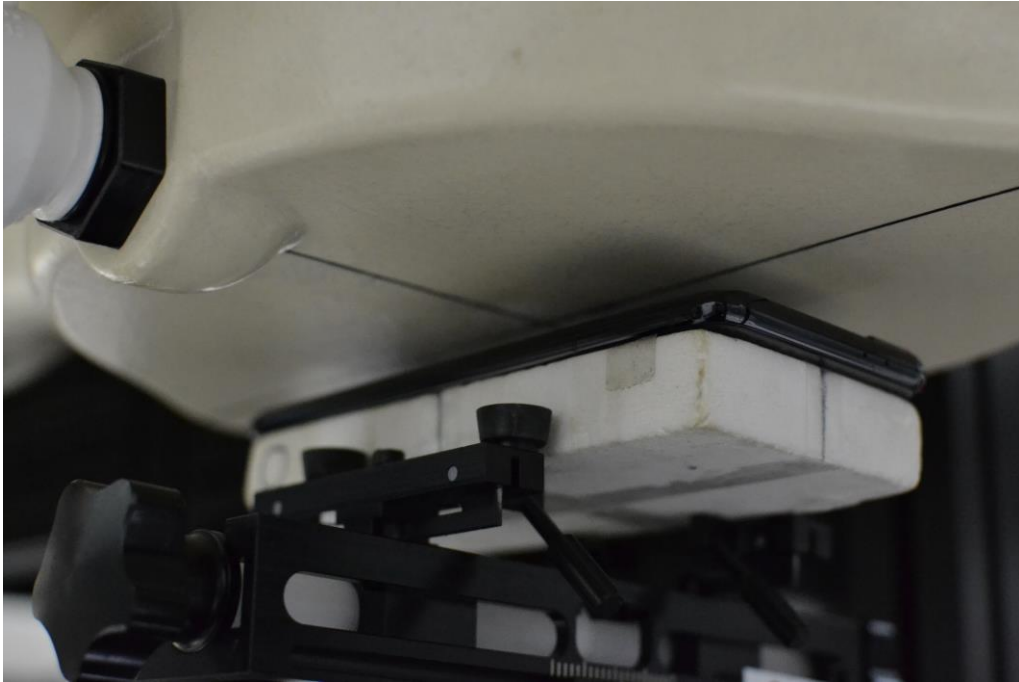


**SAR Test Setup Photo 3 – Left Cheek**

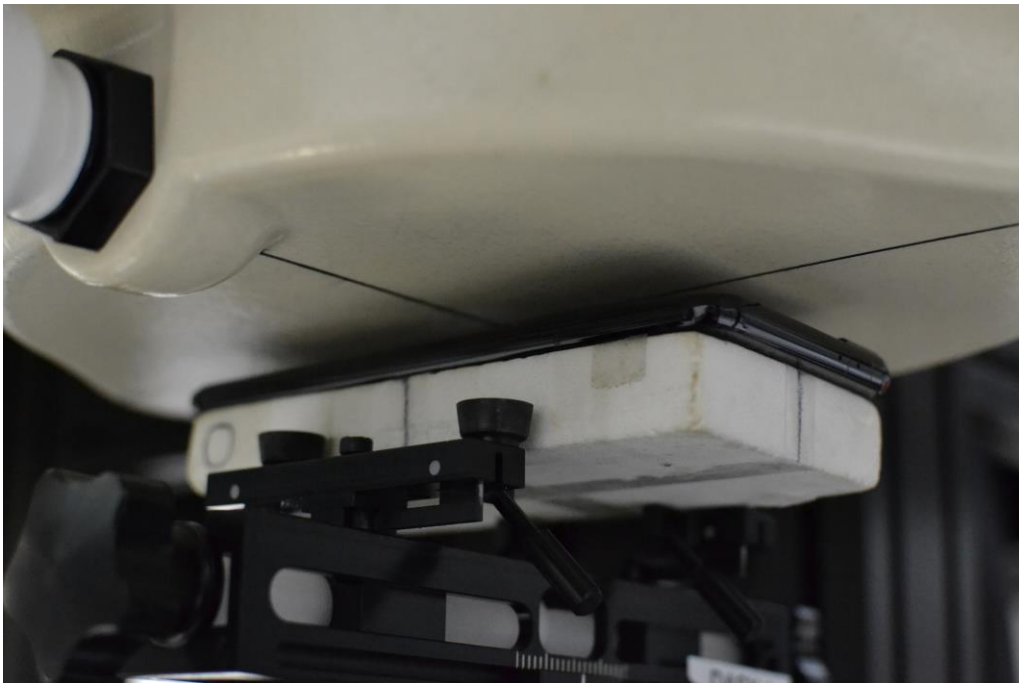


**SAR Test Setup Photo 4 – Left Tilt**

|                                           |                                                                                                                                                                                                                             |                              |                                                                                       |                                        |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG996U                  |  <b>PCTEST</b><br><small>Proud to be part of</small>  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>09/16/20 – 12/01/20 | <b>DUT Type:</b><br>Portable Handset                                                                                                                                                                                        |                              |                                                                                       | <b>APPENDIX E:</b><br>Page 4 of 12     |



**SAR Test Setup Photo 5 – Back Side at 15 mm**



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

|                                           |                                                                                                                                             |                              |                                                                                       |                                        |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG996U                  |  <b>PCTEST</b><br><small>Proud to be part of the</small> | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>09/16/20 – 12/01/20 | <b>DUT Type:</b><br>Portable Handset                                                                                                        |                              |                                                                                       | <b>APPENDIX E:</b><br>Page 5 of 12     |



**SAR Test Setup Photo 7 – Back Side at 5 mm**



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

|                                    |                                                                                                                                                                                                              |                       |                                                                                       |                                 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------|---------------------------------|
| FCC ID A3LSMG996U                  |  <b>PCTEST</b><br>Proud to be part of  | SAR EVALUATION REPORT |  | Approved by:<br>Quality Manager |
| Test Dates:<br>09/16/20 – 12/01/20 | DUT Type:<br>Portable Handset                                                                                                                                                                                |                       |                                                                                       | APPENDIX E:<br>Page 6 of 12     |



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

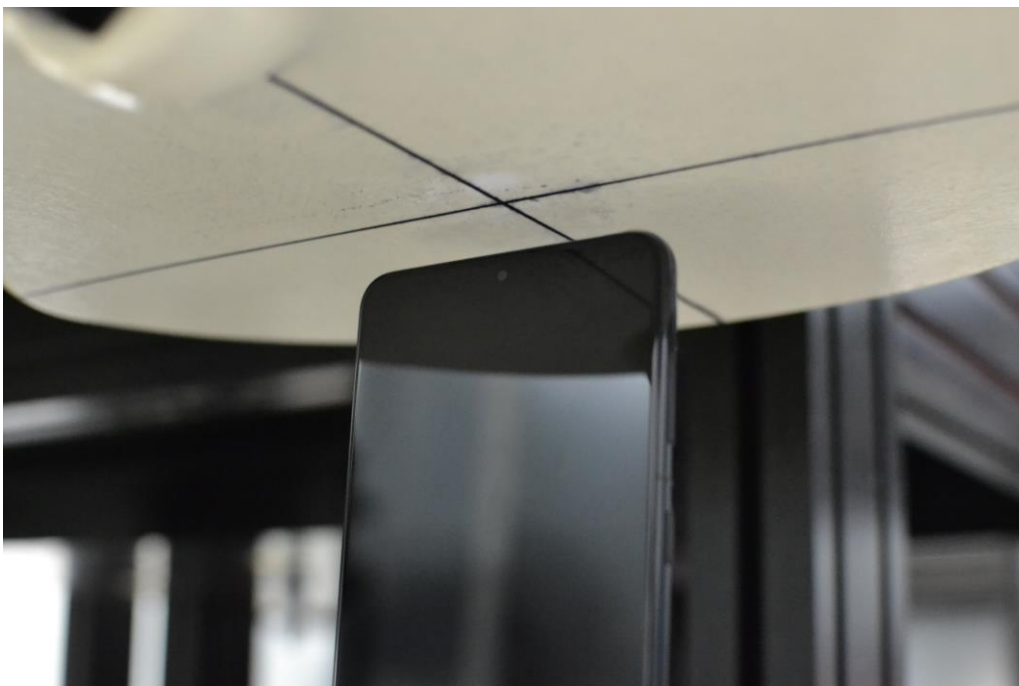


**SAR Test Setup Photo 10 – Front Side at 4 mm**

|                                    |                                                                                                                                                                                                              |                       |                                                                                       |                                 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------|---------------------------------|
| FCC ID A3LSMG996U                  |  <b>PCTEST</b><br>Proud to be part of  | SAR EVALUATION REPORT |  | Approved by:<br>Quality Manager |
| Test Dates:<br>09/16/20 – 12/01/20 | DUT Type:<br>Portable Handset                                                                                                                                                                                |                       |                                                                                       | APPENDIX E:<br>Page 7 of 12     |



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



**SAR Test Setup Photo 12 – Top Side at 10 mm**

|                                    |                                                                                                                                                                                                              |                       |                                                                                       |                                 |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------|---------------------------------|
| FCC ID A3LSMG996U                  |  <b>PCTEST</b><br>Proud to be part of  | SAR EVALUATION REPORT |  | Approved by:<br>Quality Manager |
| Test Dates:<br>09/16/20 – 12/01/20 | DUT Type:<br>Portable Handset                                                                                                                                                                                |                       |                                                                                       | APPENDIX E:<br>Page 8 of 12     |



**SAR Test Setup Photo 13 – Top Side at 0 mm**

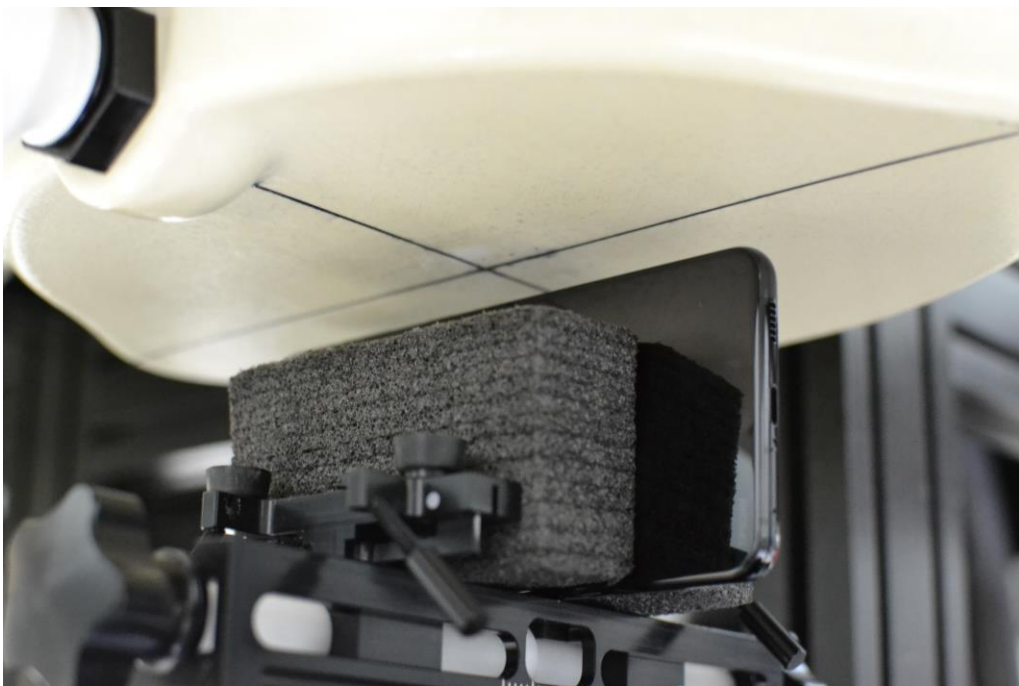


**SAR Test Setup Photo 14 – Bottom Side at 10 mm**

|                                           |                                                                                                                                                                                                                  |                              |                                                                                       |                                        |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG996U                  |  <b>PCTEST</b><br>Proud to be part of the  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>09/16/20 – 12/01/20 | <b>DUT Type:</b><br>Portable Handset                                                                                                                                                                             |                              |                                                                                       | <b>APPENDIX E:</b><br>Page 9 of 12     |



**SAR Test Setup Photo 15 – Bottom Side at 0 mm**

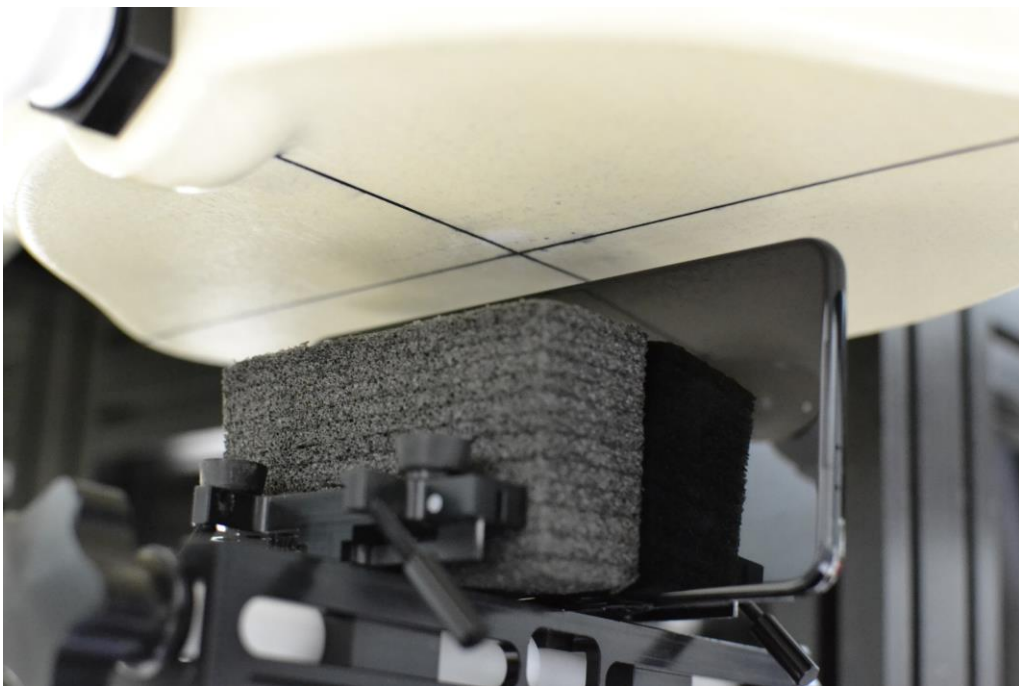


**SAR Test Setup Photo 16 – Right Side at 10 mm**

|                                           |                                                                                                                                                                                                |                              |                                                                                       |                                        |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG996U                  | <br>Proud to be part of  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>09/16/20 – 12/01/20 | <b>DUT Type:</b><br>Portable Handset                                                                                                                                                           |                              |                                                                                       | <b>APPENDIX E:</b><br>Page 10 of 12    |

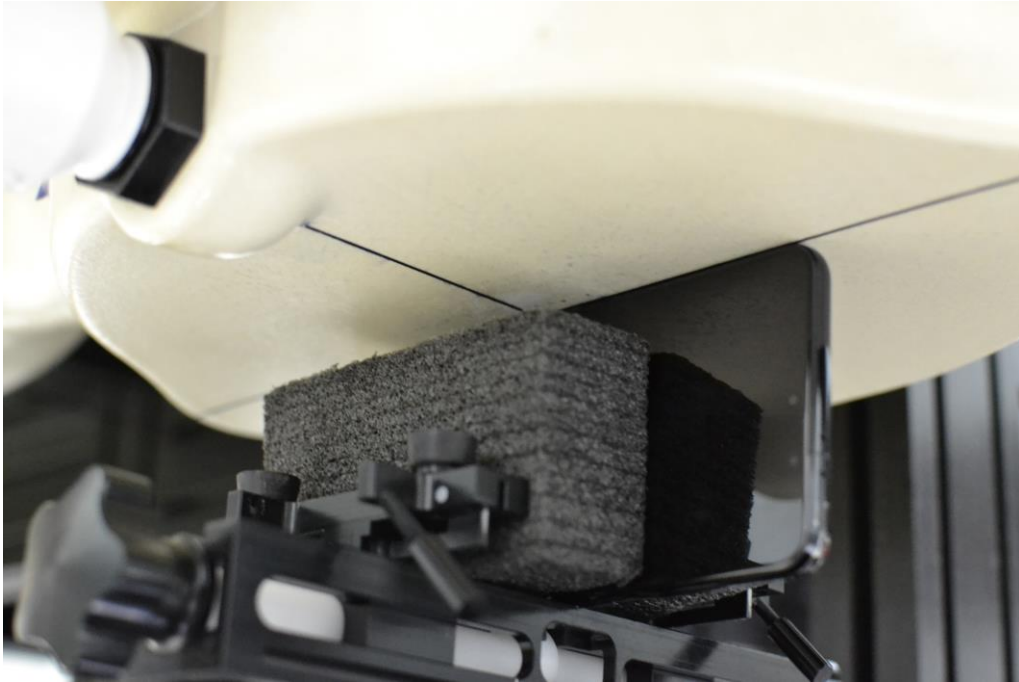


**SAR Test Setup Photo 17 – Right Side at 0 mm**

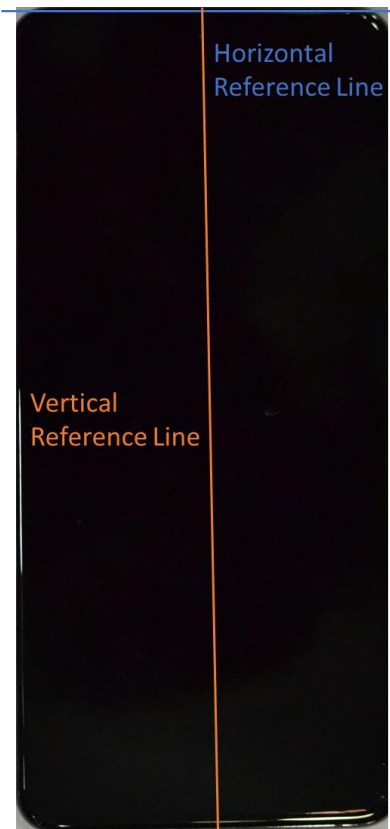


**SAR Test Setup Photo 18 – Left Side at 10 mm**

|                                           |                                                                                                                                                                                                                             |                              |                                                                                       |                                        |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG996U                  |  <b>PCTEST</b><br><small>Proud to be part of</small>  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>09/16/20 – 12/01/20 | <b>DUT Type:</b><br>Portable Handset                                                                                                                                                                                        |                              |                                                                                       | <b>APPENDIX E:</b><br>Page 11 of 12    |



**SAR Test Setup Photo 19 – Left Side at 0 mm**



**SAR Test Setup Photo 20 – Vertical and Horizontal Reference Lines**

|                                    |                                                                                                                                                                                                                  |                       |                                                                                       |                                 |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------|---------------------------------|
| FCC ID A3LSMG996U                  |  <b>PCTEST</b><br>Proud to be part of the  | SAR EVALUATION REPORT |  | Approved by:<br>Quality Manager |
| Test Dates:<br>09/16/20 – 12/01/20 | DUT Type:<br>Portable Handset                                                                                                                                                                                    |                       |                                                                                       | APPENDIX E:<br>Page 12 of 12    |