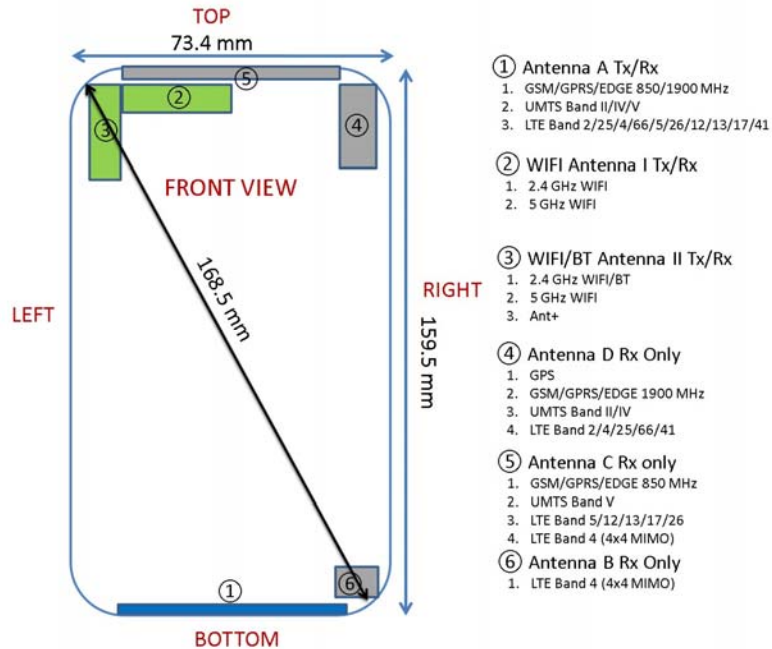


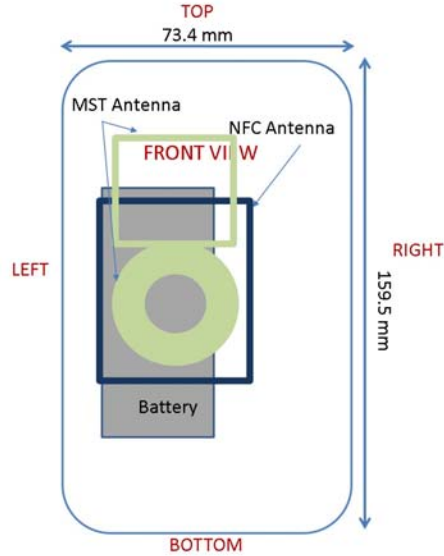
## APPENDIX F: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

|                                           |                                                                                     |                              |                                                                                       |                                        |
|-------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG955F                  |  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>12/30/16 – 02/15/17 | <b>DUT Type:</b><br>Portable Handset                                                | APPENDIX F:<br>Page 1 of 13  |                                                                                       |                                        |



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

**Figure F-1**  
**DUT Antenna Locations**



**Figure F-2**  
**MST and NFC Antenna Locations**

|                                           |                                               |                              |                |                                        |
|-------------------------------------------|-----------------------------------------------|------------------------------|----------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG955F                  | <b>PCTEST</b><br>ENGINEERING LABORATORY, INC. | <b>SAR EVALUATION REPORT</b> | <b>SAMSUNG</b> | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>12/30/16 – 02/15/17 | <b>DUT Type:</b><br>Portable Handset          |                              |                | <b>APPENDIX F:</b><br>Page 2 of 13     |

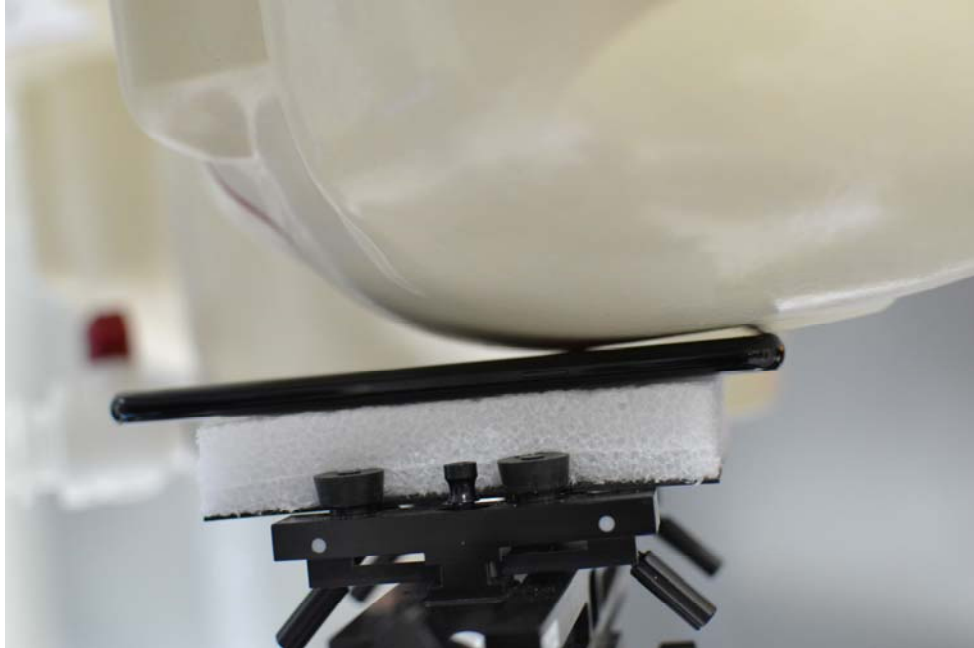


**SAR Test Setup Photo 1 – Right Cheek**

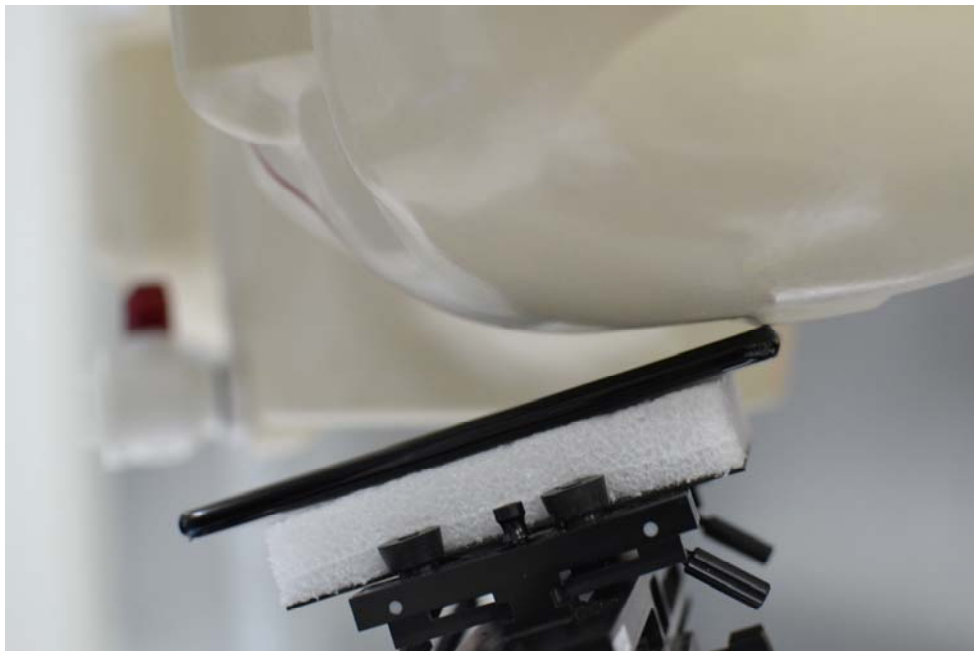


**SAR Test Setup Photo 2 – Right Tilt**

|                                           |                                                                                     |                              |                                                                                       |                                        |
|-------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG955F                  |  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>12/30/16 – 02/15/17 | <b>DUT Type:</b><br>Portable Handset                                                | APPENDIX F:<br>Page 3 of 13  |                                                                                       |                                        |

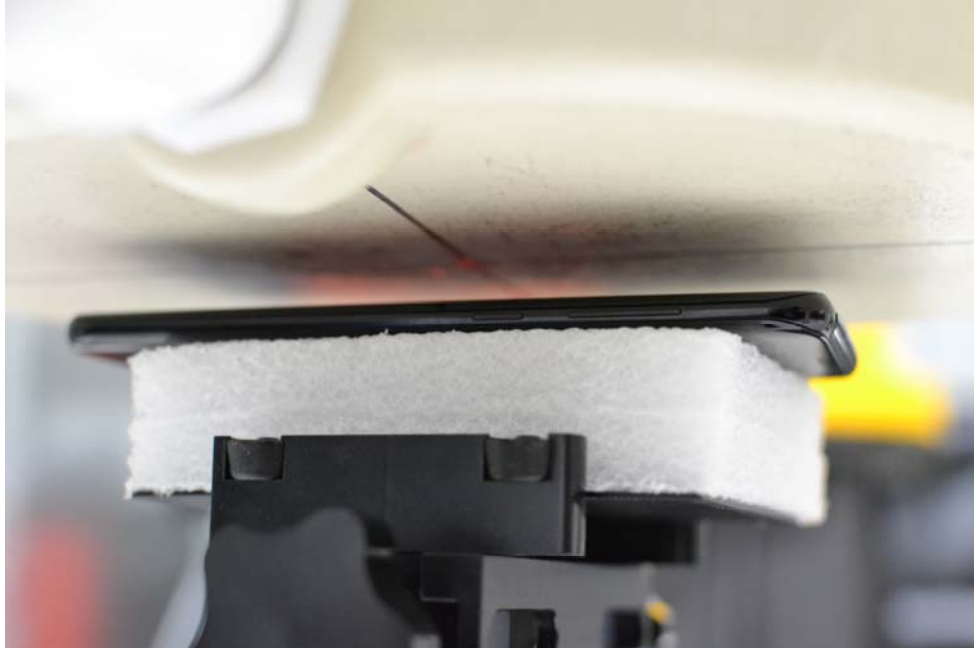


**SAR Test Setup Photo 3 – Left Cheek**

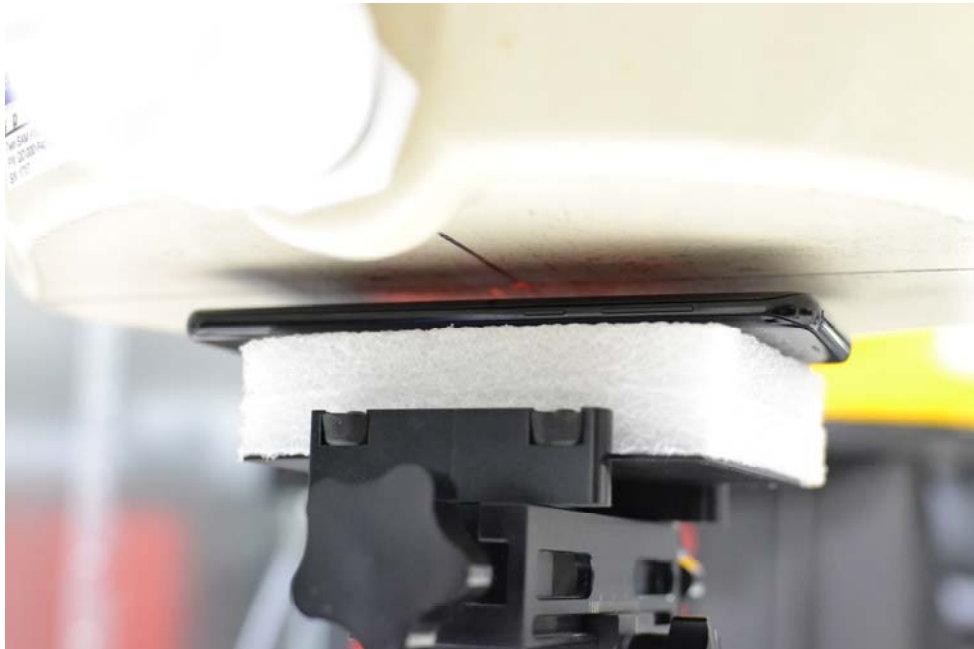


**SAR Test Setup Photo 4 – Left Tilt**

|                                           |                                                                                     |                              |                                                                                       |                                        |
|-------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG955F                  |  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>12/30/16 – 02/15/17 | <b>DUT Type:</b><br>Portable Handset                                                |                              |                                                                                       | <b>APPENDIX F:</b><br>Page 4 of 13     |



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



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

|                                           |                                                                                     |                              |                                                                                       |                                        |
|-------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG955F                  |  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>12/30/16 – 02/15/17 | <b>DUT Type:</b><br>Portable Handset                                                |                              |                                                                                       | <b>APPENDIX F:</b><br>Page 5 of 13     |

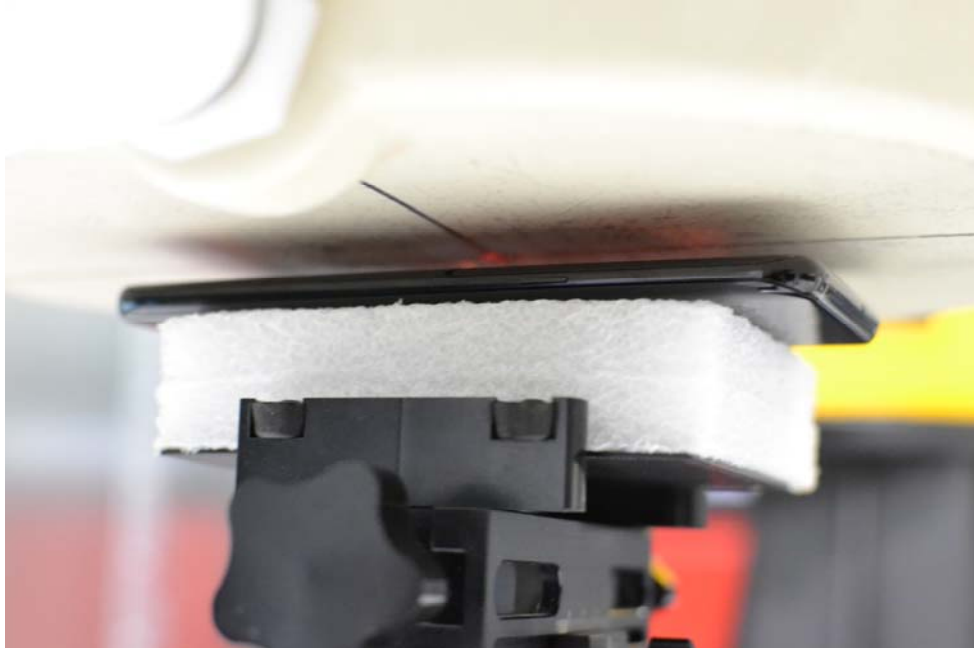


**SAR Test Setup Photo 7 – Back Side at 5 mm**

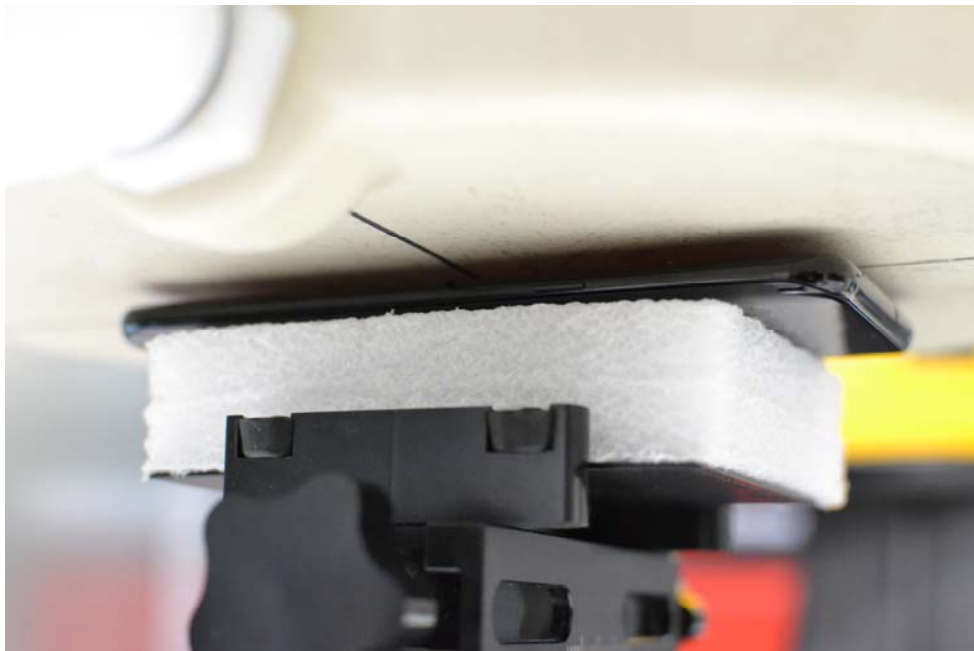


**SAR Test Setup Photo 8 – Back Side at 0 mm**

|                                           |                                                                                     |                              |                                                                                       |                                        |
|-------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG955F                  |  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>12/30/16 – 02/15/17 | <b>DUT Type:</b><br>Portable Handset                                                |                              |                                                                                       | <b>APPENDIX F:</b><br>Page 6 of 13     |



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



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

|                                           |                                                                                     |                              |                                                                                       |                                        |
|-------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG955F                  |  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>12/30/16 – 02/15/17 | <b>DUT Type:</b><br>Portable Handset                                                |                              |                                                                                       | <b>APPENDIX F:</b><br>Page 7 of 13     |



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



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

|                                           |                                                                                     |                              |                                                                                       |                                        |
|-------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG955F                  |  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>12/30/16 – 02/15/17 | <b>DUT Type:</b><br>Portable Handset                                                |                              |                                                                                       | <b>APPENDIX F:</b><br>Page 8 of 13     |



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



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

|                                           |                                                                                     |                              |                                                                                       |                                        |
|-------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG955F                  |  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>12/30/16 – 02/15/17 | <b>DUT Type:</b><br>Portable Handset                                                |                              |                                                                                       | <b>APPENDIX F:</b><br>Page 9 of 13     |



**SAR Test Setup Photo 15 – Bottom Edge at 7 mm**



**SAR Test Setup Photo 16 – Bottom Edge at 0 mm**

|                                           |                                                                                     |                              |                                                                                       |                                        |
|-------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG955F                  |  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>12/30/16 – 02/15/17 | <b>DUT Type:</b><br>Portable Handset                                                |                              |                                                                                       | <b>APPENDIX F:</b><br>Page 10 of 13    |



**SAR Test Setup Photo 17 – Right Edge at 10 mm**



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

|                                           |                                                                                     |                              |                                                                                       |                                        |
|-------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG955F                  |  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>12/30/16 – 02/15/17 | <b>DUT Type:</b><br>Portable Handset                                                | APPENDIX F:<br>Page 11 of 13 |                                                                                       |                                        |



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



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

|                                           |                                                                                     |                              |                                                                                       |                                        |
|-------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG955F                  |  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>12/30/16 – 02/15/17 | <b>DUT Type:</b><br>Portable Handset                                                | APPENDIX F:<br>Page 12 of 13 |                                                                                       |                                        |



**SAR Test Setup Photo 21 – Horizontal and Vertical Reference Lines**

|                                           |                                                                                     |                              |                                                                                       |                                        |
|-------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|
| <b>FCC ID</b> A3LSMG955F                  |  | <b>SAR EVALUATION REPORT</b> |  | <b>Approved by:</b><br>Quality Manager |
| <b>Test Dates:</b><br>12/30/16 – 02/15/17 | <b>DUT Type:</b><br>Portable Handset                                                | APPENDIX F:<br>Page 13 of 13 |                                                                                       |                                        |