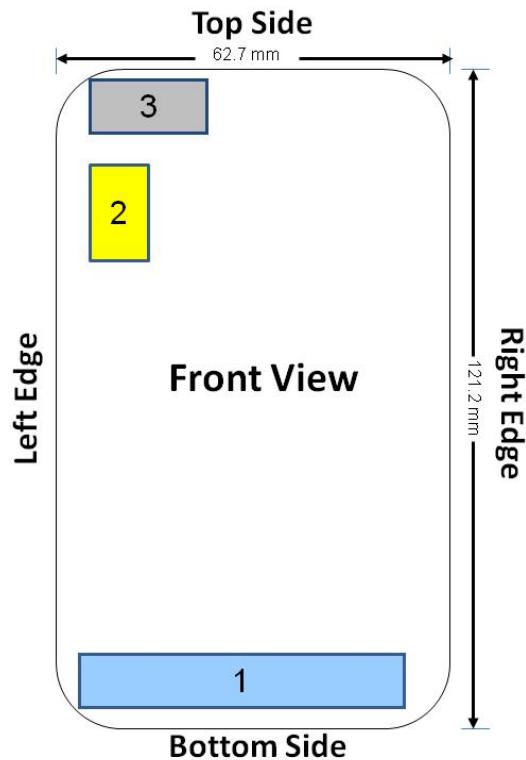


## APPENDIX F: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

FCC ID A3LSMG318H	 <b>PCTEST</b> Engineering Laboratory, Inc.	SAR EVALUATION REPORT		Reviewed by: Quality Manager
<b>Test Dates:</b> 03/12/15 - 04/17/15	<b>DUT Type:</b> Portable Handset			APPENDIX F: Page 1 of 8

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

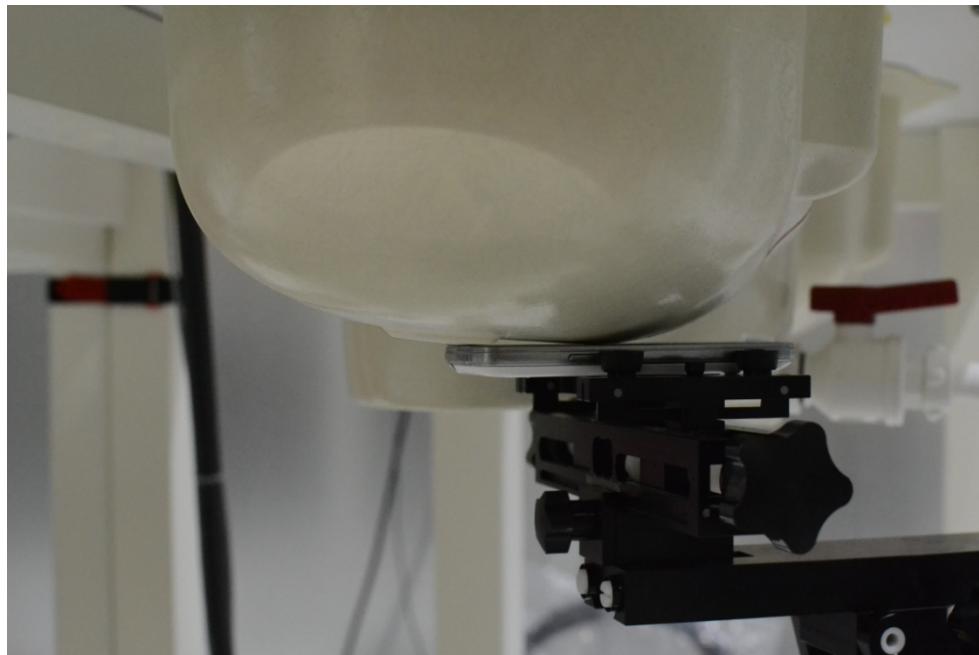


**Antenna Legend**

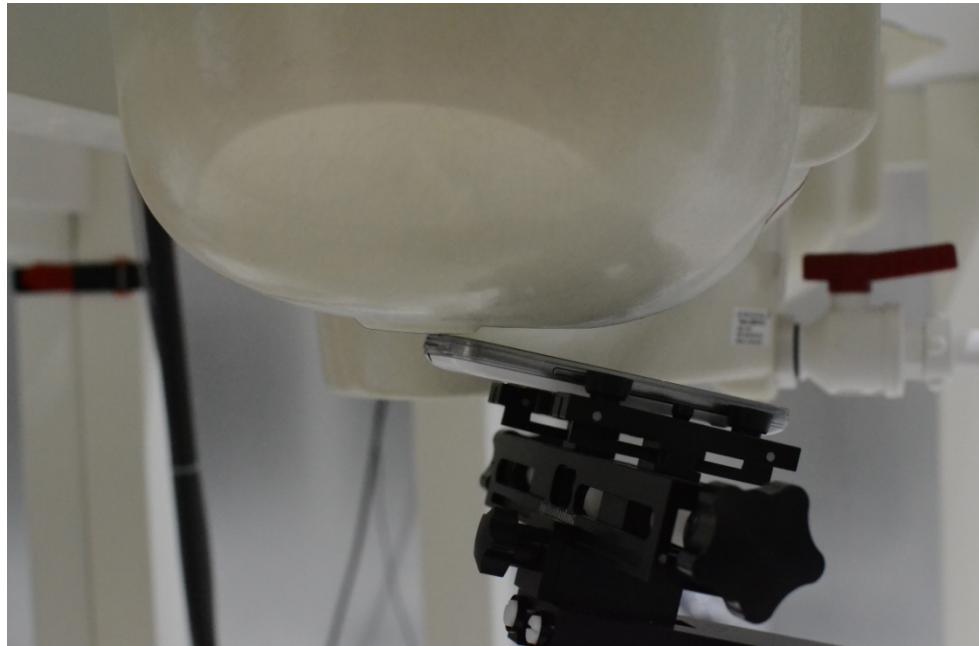
1. Main Antenna (Tx/Rx)
  1. GSM/GPRS/EDGE Rx Only 850/1900 MHz
2. BT/WIFI Antenna (Tx/Rx)
  1. 2.4 GHz WIFI
  2. 2.4 GHz Bluetooth
3. GPS Antenna (Rx Only)

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

FCC ID A3LSMG318H	 PCTEST <sup>®</sup> ENGINEERING LABORATORY, INC.	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 03/12/15 - 04/17/15	DUT Type: Portable Handset			APPENDIX F: Page 2 of 8

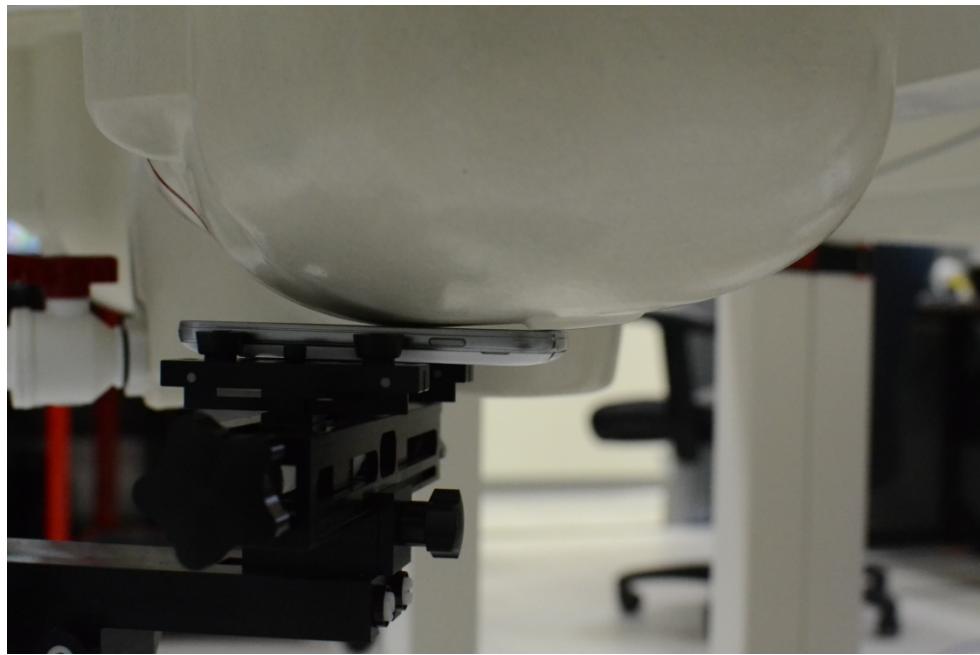


**SAR Test Setup Photo 1: Right Cheek**

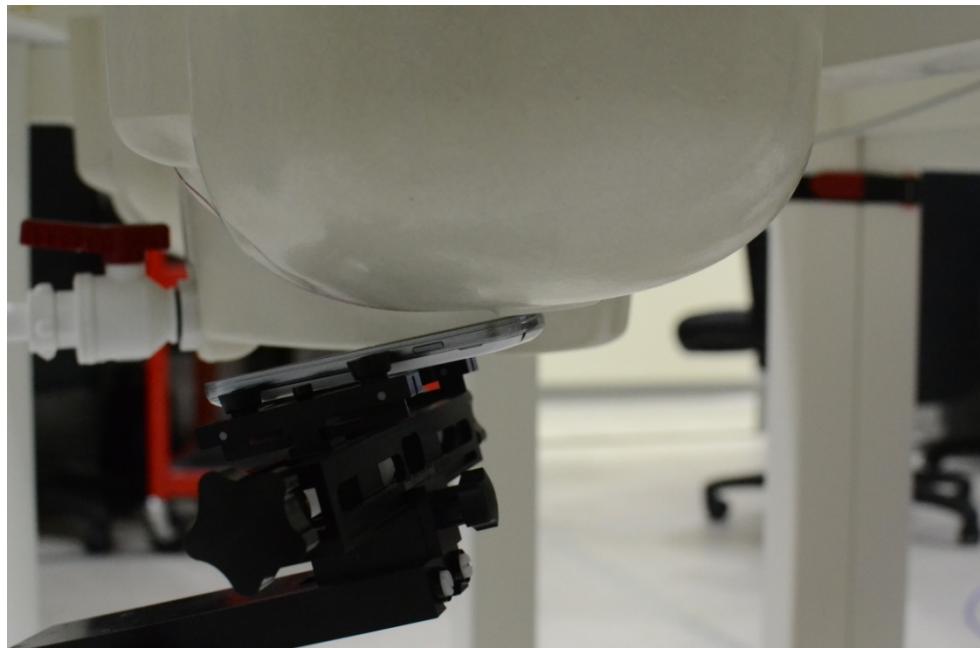


**SAR Test Setup Photo 2: Right Tilt**

FCC ID A3LSMG318H	 <b>PCTEST</b> ENGINEERING LABORATORY, INC.	SAR EVALUATION REPORT	 <b>SAMSUNG</b>	Reviewed by: Quality Manager
<b>Test Dates:</b> 03/12/15 - 04/17/15	<b>DUT Type:</b> Portable Handset			APPENDIX F: Page 3 of 8



SAR Test Setup Photo 3: Left Cheek



SAR Test Setup Photo 4: Left Tilt

FCC ID A3LSMG318H	 <b>PCTEST</b> Engineering Laboratory, Inc.	SAR EVALUATION REPORT	 <b>SAMSUNG</b>	Reviewed by: Quality Manager
<b>Test Dates:</b> 03/12/15 - 04/17/15	<b>DUT Type:</b> Portable Handset			APPENDIX F: Page 4 of 8



SAR Test Setup Photo 5: Back Side at 10 mm

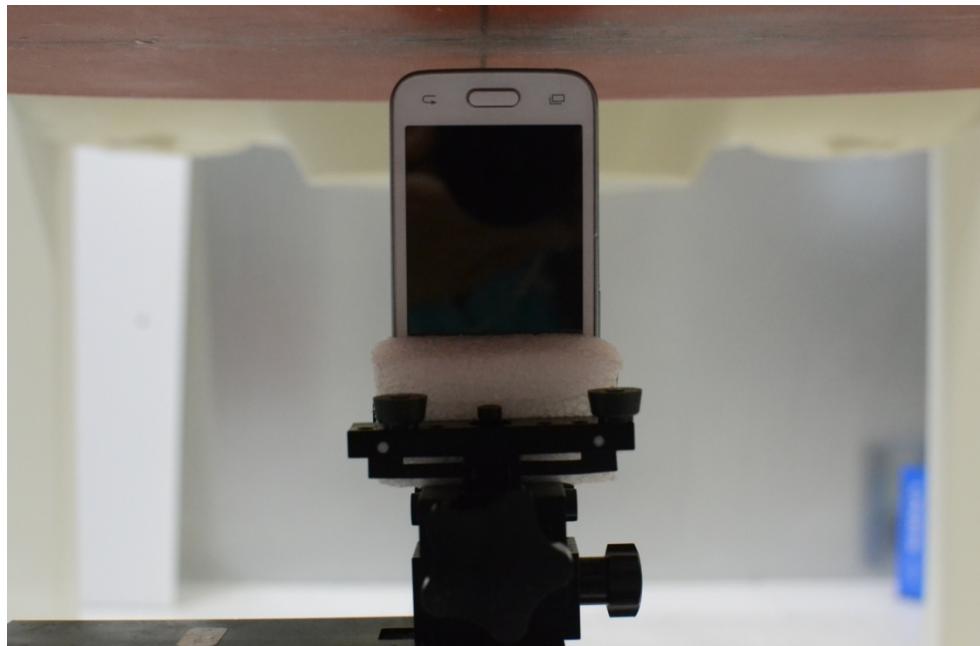


SAR Test Setup Photo 6: Front Side at 10 mm

FCC ID A3LSMG318H	 <b>PCTEST</b> Engineering Laboratory, Inc.	SAR EVALUATION REPORT	 <b>SAMSUNG</b>	Reviewed by: Quality Manager
<b>Test Dates:</b> 03/12/15 - 04/17/15	<b>DUT Type:</b> Portable Handset			APPENDIX F: Page 5 of 8



SAR Test Setup Photo 7: Top Edge at 10 mm



SAR Test Setup Photo 8: Bottom Edge at 10 mm

FCC ID A3LSMG318H	 <b>PCTEST</b> Engineering Laboratory, Inc.	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 03/12/15 - 04/17/15	DUT Type: Portable Handset			APPENDIX F: Page 6 of 8

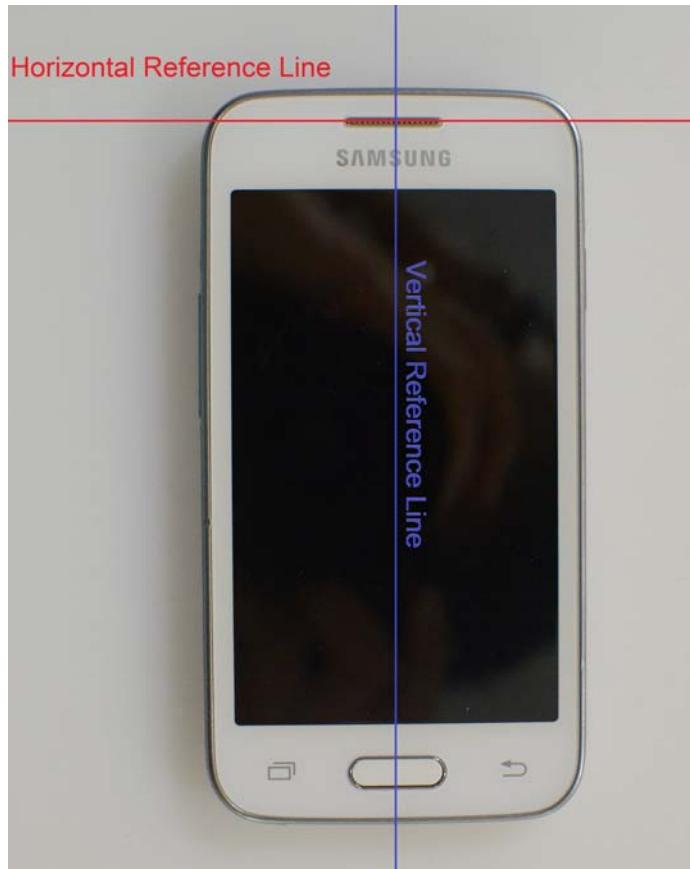


**SAR Test Setup Photo 9: Right Edge at 10 mm**



**SAR Test Setup Photo 10: Left Edge at 10 mm**

FCC ID A3LSMG318H	 <b>PCTEST</b> Engineering Laboratory, Inc.	<b>SAR EVALUATION REPORT</b>	 <b>SAMSUNG</b>	Reviewed by: Quality Manager
<b>Test Dates:</b> 03/12/15 - 04/17/15	<b>DUT Type:</b> Portable Handset			APPENDIX F: Page 7 of 8



**SAR Test Setup Photo 11: Horizontal and Vertical Reference Lines**

FCC ID A3LSMG318H	 <b>PCTEST</b> Engineering Laboratory, Inc.	SAR EVALUATION REPORT		Reviewed by: Quality Manager
Test Dates: 03/12/15 - 04/17/15	DUT Type: Portable Handset			APPENDIX F: Page 8 of 8