

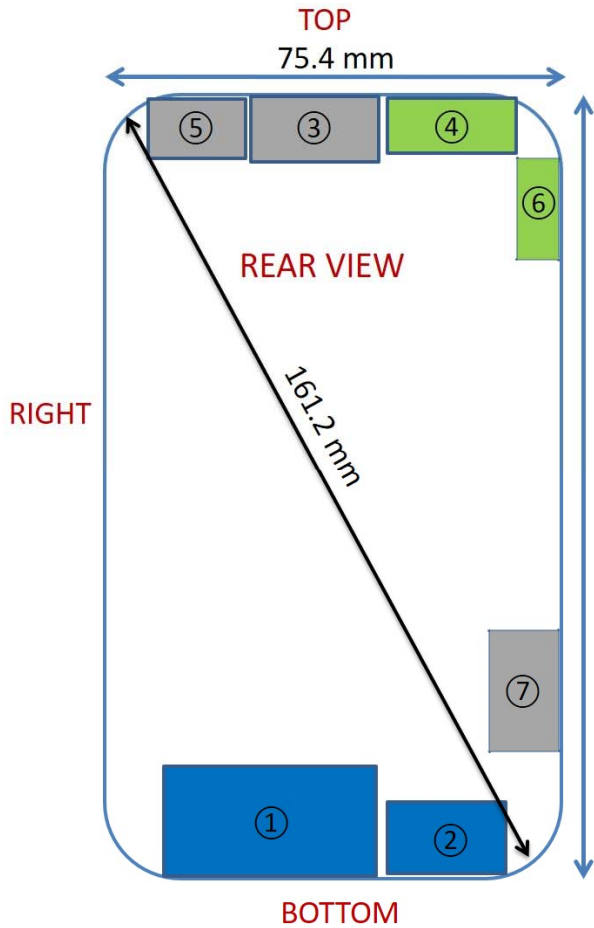


APPENDIX F: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS



FCC ID: ZNFV30A	 PCTEST <small>ENGINEERING LABORATORY, INC.</small>	SAR EVALUATION REPORT	 LG	Approved by: Quality Manager
Test Dates: 02/06/18	DUT Type: Portable Handset			APPENDIX F: Page 1 of 8



- ① Main Band Antenna I Tx/Rx
 - 1. GSM 850 MHz
 - 2. UMTS 850 MHz
 - 3. LTE Band 5/12/13/17/26/30 Tx/Rx, B29 Rx
 - 4. CDMA/EVDO BC0/BC10
- ② Main Band Antenna II Tx/Rx
 - 1. LTE Band 2/4/7/25/66/41
 - 2. UMTS 1750/1900 MHz
 - 3. GSM 1900 MHz
 - 4. CDMA/EVDO BC1
- ③ Sub Antenna I
 - 1. WCDMA 850 MHz, 2nd Rx
 - 2. LTE B5/7/12/13/17/26/29/30/41 2nd Rx
 - 3. GSM 850 MHz, 2nd Rx
 - 4. CDMA/EVDO BC0/BC10 2nd Rx
- ④ Sub Antenna II (Rx Only) & WIFI Antenna (Tx/Rx)
 - 1. WCDMA 1750/1900 MHz 2nd
 - 2. LTE B2/4/25/66/46 2nd
 - 3. GSM 1900 MHz 2nd
 - 4. CDMA/EVDO BC1 2nd
 - 5. WIFI 2.4GHz/5GHz 2nd
- ⑤ Sub Antenna III (Rx Only)
 - 1. LTE B2/4/66 3rd
 - 2. GPS
- ⑥ WIFI/BT Antenna Tx/Rx
 - 1. 2.4GHz/5GHz WIFI
 - 2. 2.4GHz Bluetooth
 - 3. LTE B46 Rx
- ⑦ Sub Antenna IV
 - 1. LTE B2/4/66 4th Rx

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

Figure F-1
DUT Antenna Locations

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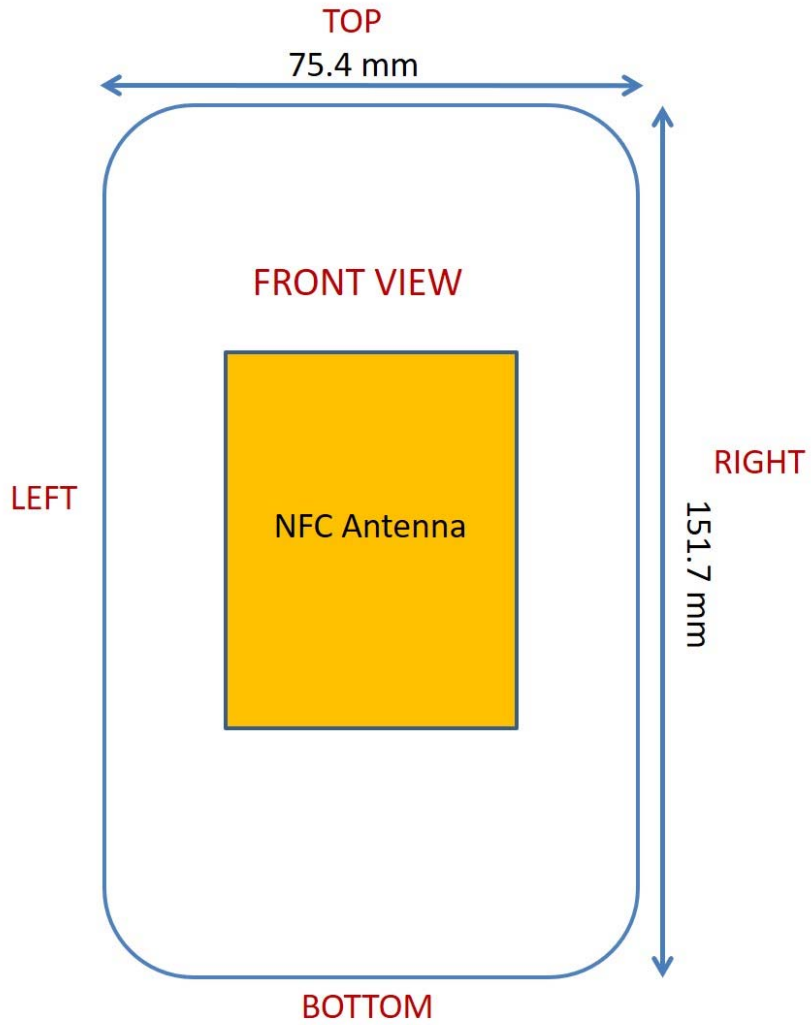


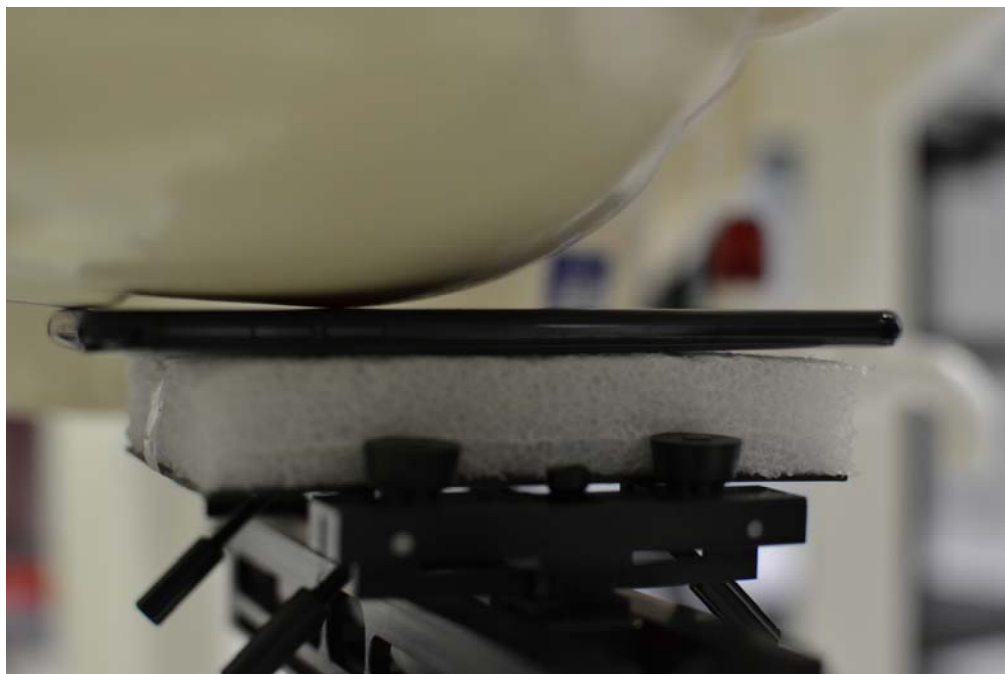
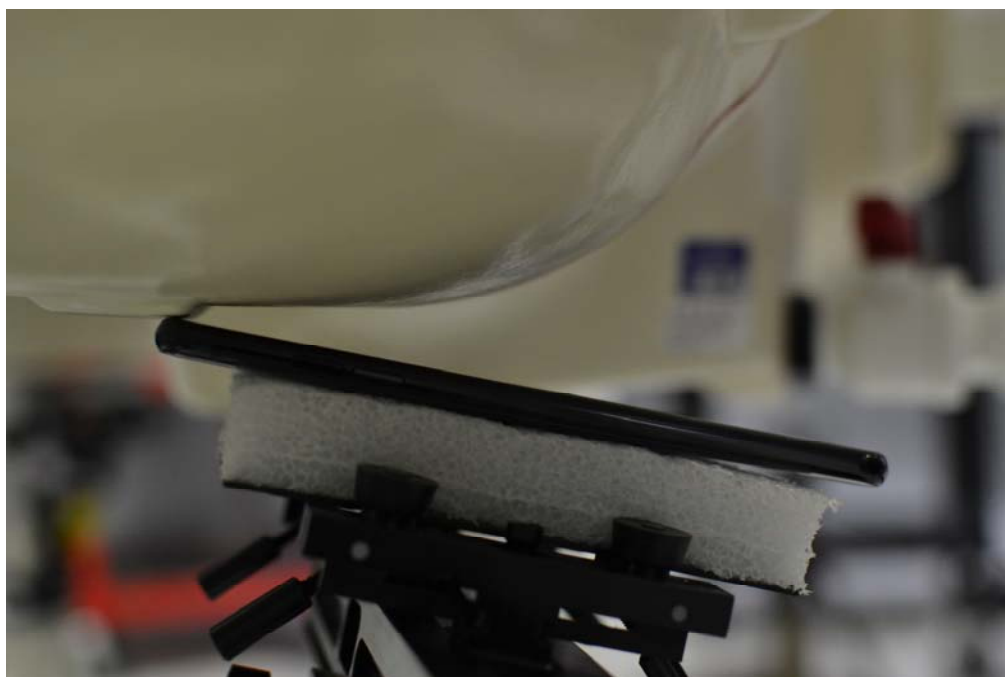


Figure F-2
NFC Antenna Locations



FCC ID: ZNFV30A		SAR EVALUATION REPORT	 Approved by: Quality Manager
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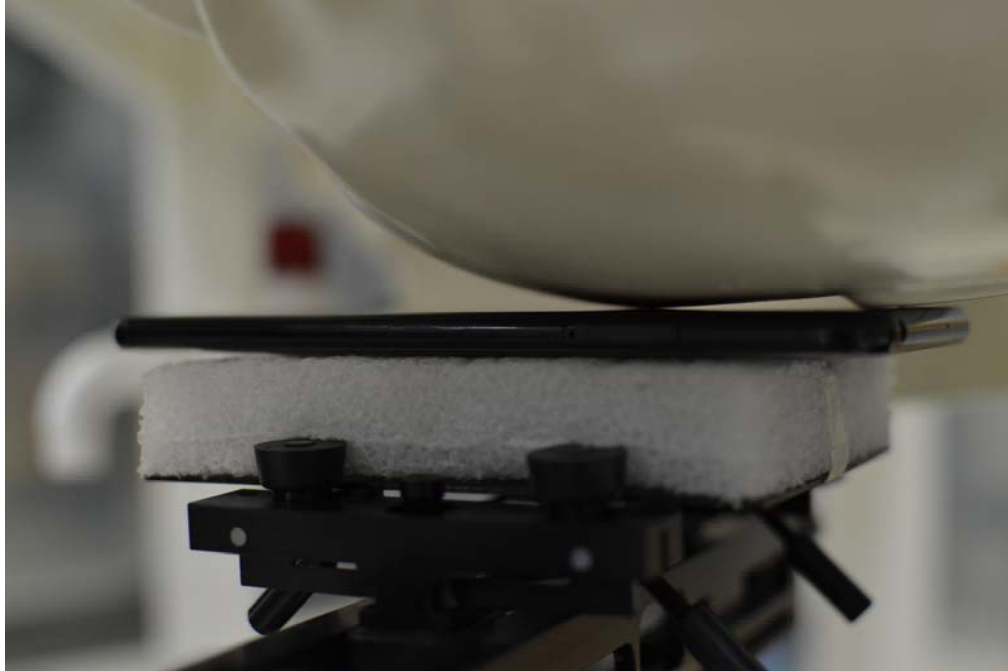


SAR Test Setup Photo 1: Right Cheek

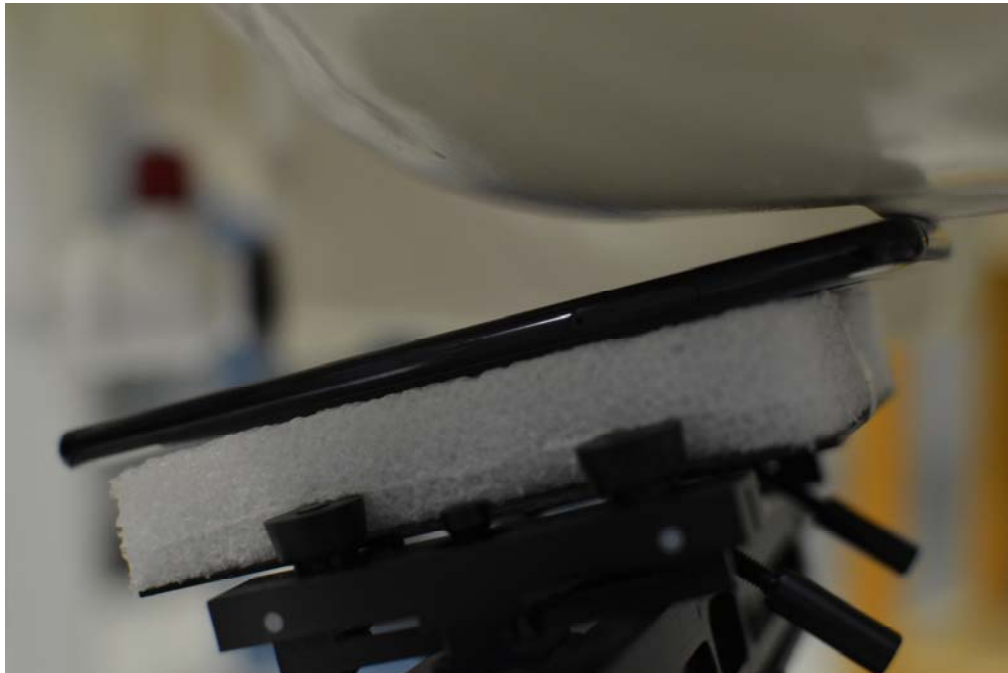


SAR Test Setup Photo 2: Right Tilt



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SAR Test Setup Photo 3: Left Cheek



SAR Test Setup Photo 4: Left Tilt



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SAR Test Setup Photo 5: Back at 1.0cm



SAR Test Setup Photo 6: Front at 1.0cm



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SAR Test Setup Photo 7: Bottom Edge at 1.0cm



SAR Test Setup Photo 8: Right Edge at 1.0cm



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SAR Test Setup Photo 9: Left Edge at 1.0cm



SAR Test Setup Photo 10: Vertical and Horizontal Reference Lines

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