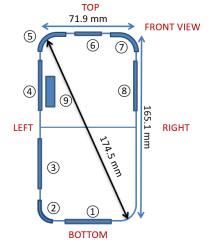


APPENDIX K: DUT ANTENNA DIAGRAM & SAR TEST SETUP PHOTOGRAPHS

FCC ID: A3LSMF731JPN	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX K: Page 1 of 15



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

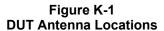


ТОР 71.9 mm **FRONT VIEW** 4 85.1 mm (8) **RIGHT** 3 1 6 2 (5)

воттом

- 1 Main Band Antenna I Tx/Rx (Ant A)
- GSM/GPRS/EDGE 850/1900 MHz UMTS Band V
- LTE Band 2/4/5/12/13/66
- NR Band n5/66
- 2 Main Band Antenna II Tx/Rx (Ant B)
- 1. LTE Band 41
- 2. NR Band n41 (DRx Only)
- (3) Main Band Antenna III Rx Only (Ant C)
- 1. LTE Band 41 4x4 MIMO (PRx Only)
- NR Band n41 4x4 MIMO(DRx Only)
- 4 Sub Antenna I Rx Only (Ant E)
- GSM 850 (DRx Only)
- UMTS V (DRx Only)
- LTE Band 5/12/13 (DRx Only)
- NR Band n5 (DRx Only)
- GPS L5
- (5) Sub Antenna II Tx/Rx (Ant F)
- NR Band n41 4x4 MIMO (PRx Only)
- LTE Band 41 4x4 MIMO (DRx Only)
- 2.4G/5G/6G Wi-Fi Ant 1 Bluetooth Ant 1 (Switching)

- 6 Sub Antenna III Rx Only (Ant G)
- 1. Non-US Bands
- 7 Sub Antenna IV Tx/Rx (Ant H)
- 1. 2.4G/5G/6G Wi-Fi Ant 2
- Bluetooth Ant 2 (Switching)
- 3. GPS
- 8 Sub Antenna V Tx/Rx (Ant I)
- 1. NR Band n41 2. GSM 1900 (DRx Only)
- LTE Band 2/4/41/66 (DRx Only)
- NR Band n66 (DRx Only)
- LTE Band 2/4/41/66 (TX Hopping)
 NR Band n66 (TX Hopping and EN-DC)
- 9 mmWave Tx/Rx (Ant K)
- 1. Non-US Bands



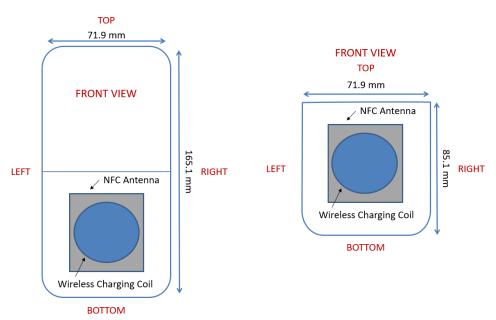
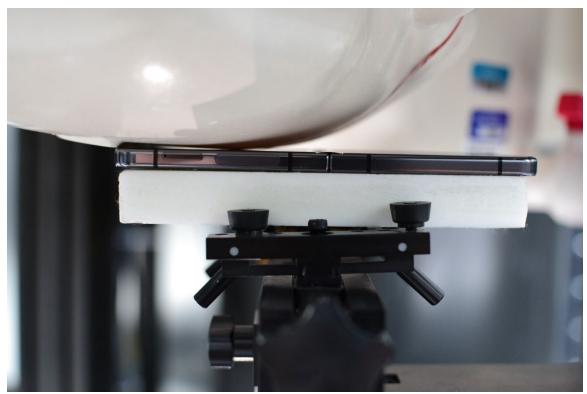


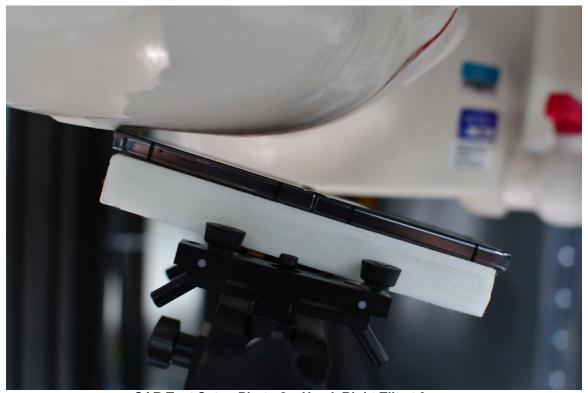
Figure K-2 **NFC Antenna Locations**

FCC ID: A3LSMF731JPN	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX K: Page 2 of 15





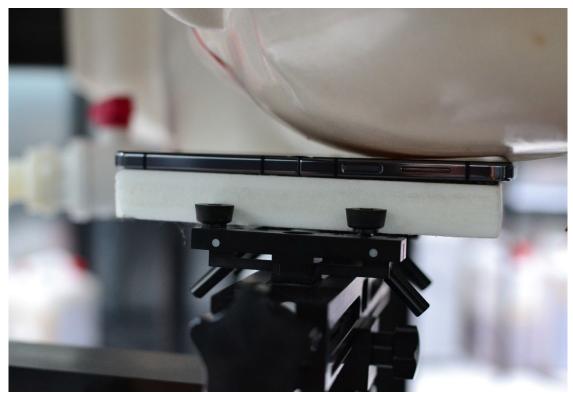
SAR Test Setup Photo 1 – Head, Right Cheek at 0mm



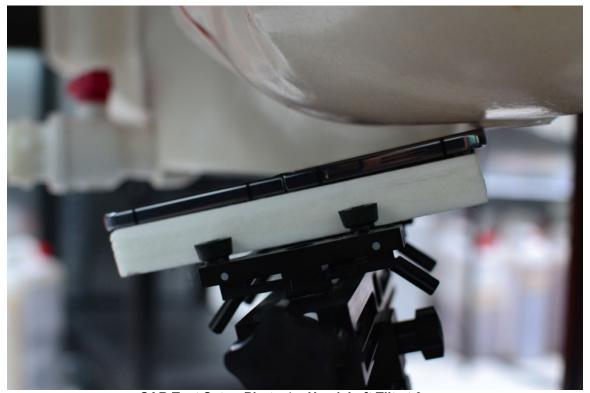
SAR Test Setup Photo 2 - Head, Right Tilt at 0 mm

FCC ID: A3LSMF731JPN	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX K: Page 3 of 15





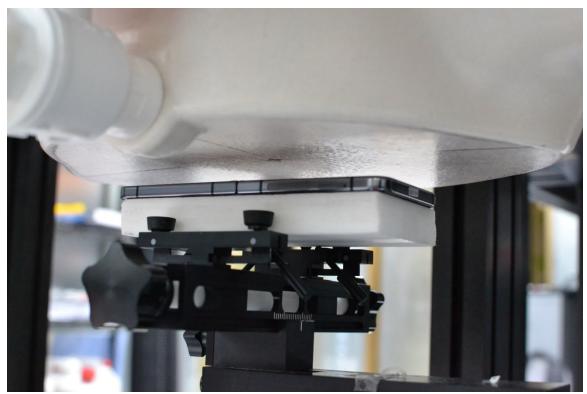
SAR Test Setup Photo 3 – Head, Left Cheek at 0 mm



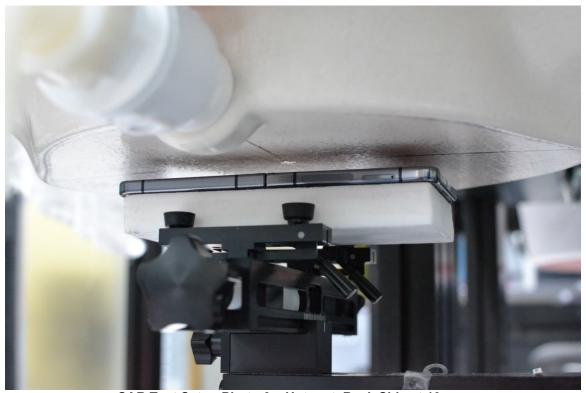
SAR Test Setup Photo 4 - Head, Left Tilt at 0 mm

FCC ID: A3LSMF731JPN	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX K: Page 4 of 15





SAR Test Setup Photo 5 – Body-worn, Back Side at 15 mm



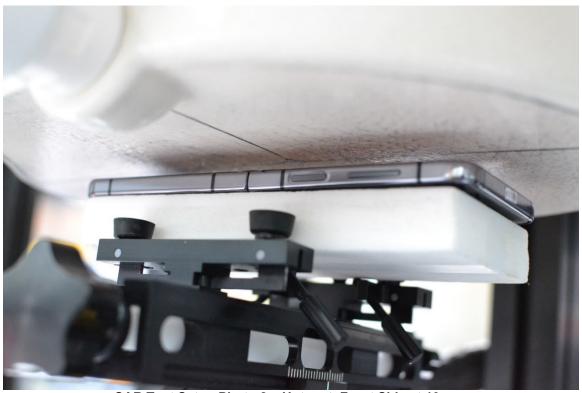
SAR Test Setup Photo 6 - Hotspot, Back Side at 10 mm

FCC ID: A3LSMF731JPN	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX K: Page 5 of 15





SAR Test Setup Photo 7 - Phablet, Back Side at 0 mm



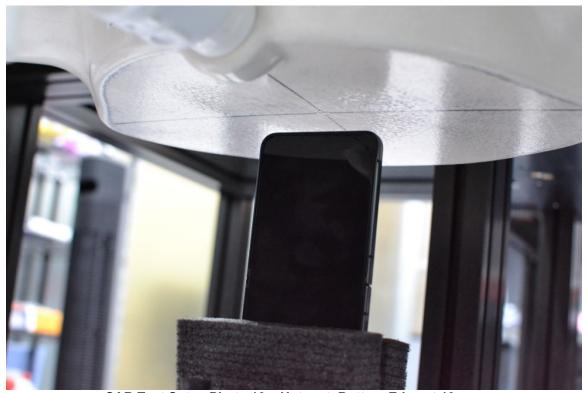
SAR Test Setup Photo 8 - Hotspot, Front Side at 10 mm

FCC ID: A3LSMF731JPN	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX K: Page 6 of 15





SAR Test Setup Photo 9 - Phablet, Front Side at 0 mm



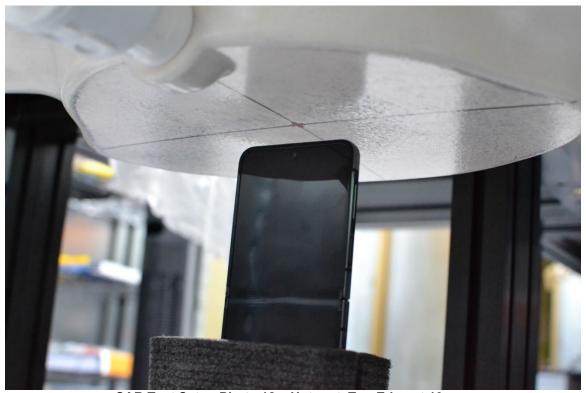
SAR Test Setup Photo 10 - Hotspot, Bottom Edge at 10 mm

FCC ID: A3LSMF731JPN	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX K: Page 7 of 15





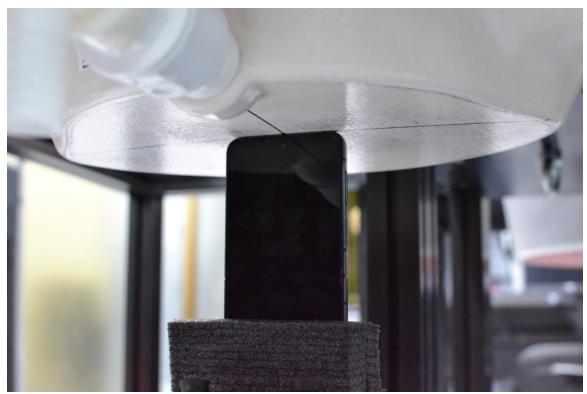
SAR Test Setup Photo 11 – Phablet, Bottom Edge at 0 mm



SAR Test Setup Photo 12 - Hotspot, Top Edge at 10 mm

FCC ID: A3LSMF731JPN	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX K: Page 8 of 15





SAR Test Setup Photo 13 – Phablet, Top Edge at 0 mm



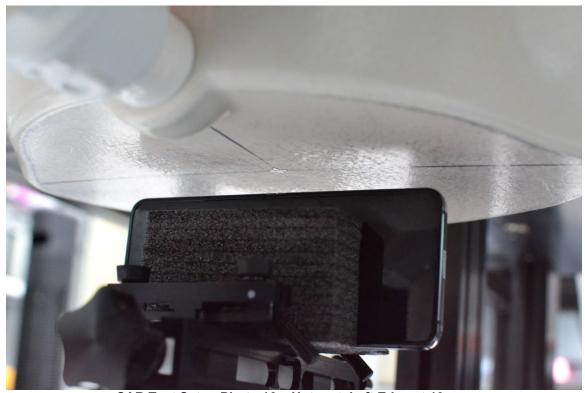
SAR Test Setup Photo 14 - Hotspot, Right Edge at 10 mm

FCC ID: A3LSMF731JPN	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX K: Page 9 of 15





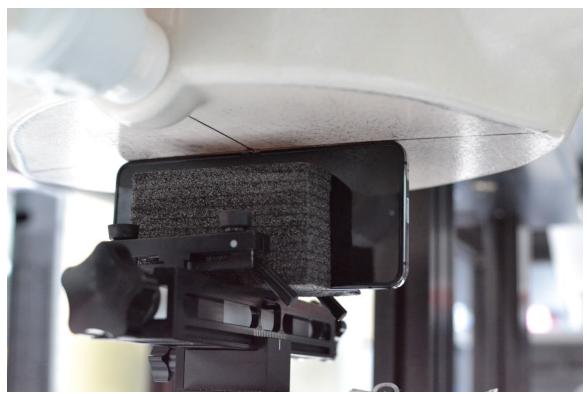
SAR Test Setup Photo 15 – Phablet, Right Edge at 0 mm



SAR Test Setup Photo 16 - Hotspot, Left Edge at 10 mm

FCC ID: A3LSMF731JPN	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX K: Page 10 of 15





SAR Test Setup Photo 17 – Phablet, Left Edge at 0 mm



SAR Test Setup Photo 18 - Closed Body-worn, Back Side at 15 mm

FCC ID: A3LSMF731JPN	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX K: Page 11 of 15





SAR Test Setup Photo 19 - Closed Hotspot, Back Side at 5 mm



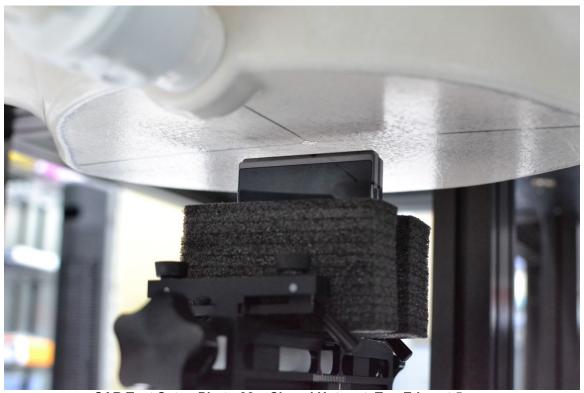
SAR Test Setup Photo 20 - Closed Hotspot, Front Side at 5 mm

FCC ID: A3LSMF731JPN	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX K: Page 12 of 15





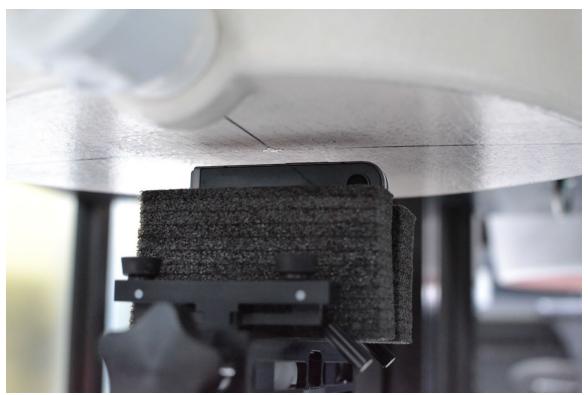
SAR Test Setup Photo 21 - Closed Hotspot, Bottom Edge at 5 mm



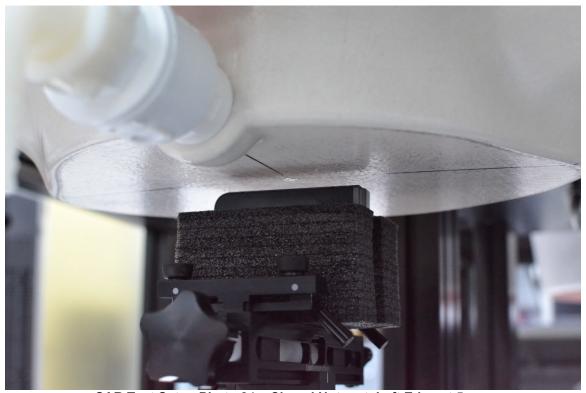
SAR Test Setup Photo 22 - Closed Hotspot, Top Edge at 5 mm

FCC ID: A3LSMF731JPN	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX K: Page 13 of 15





SAR Test Setup Photo 23 - Closed Hotspot, Right Edge at 5 mm



SAR Test Setup Photo 24 - Closed Hotspot, Left Edge at 5 mm

FCC ID: A3LSMF731JPN	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX K: Page 14 of 15





SAR Test Setup Photo 25 - Reference Lines

FCC ID: A3LSMF731JPN	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX K: Page 15 of 15