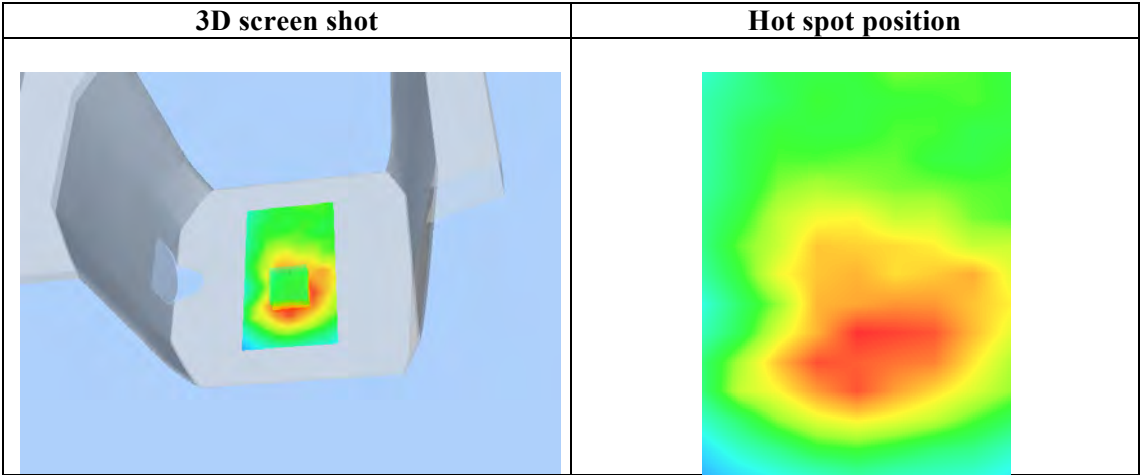
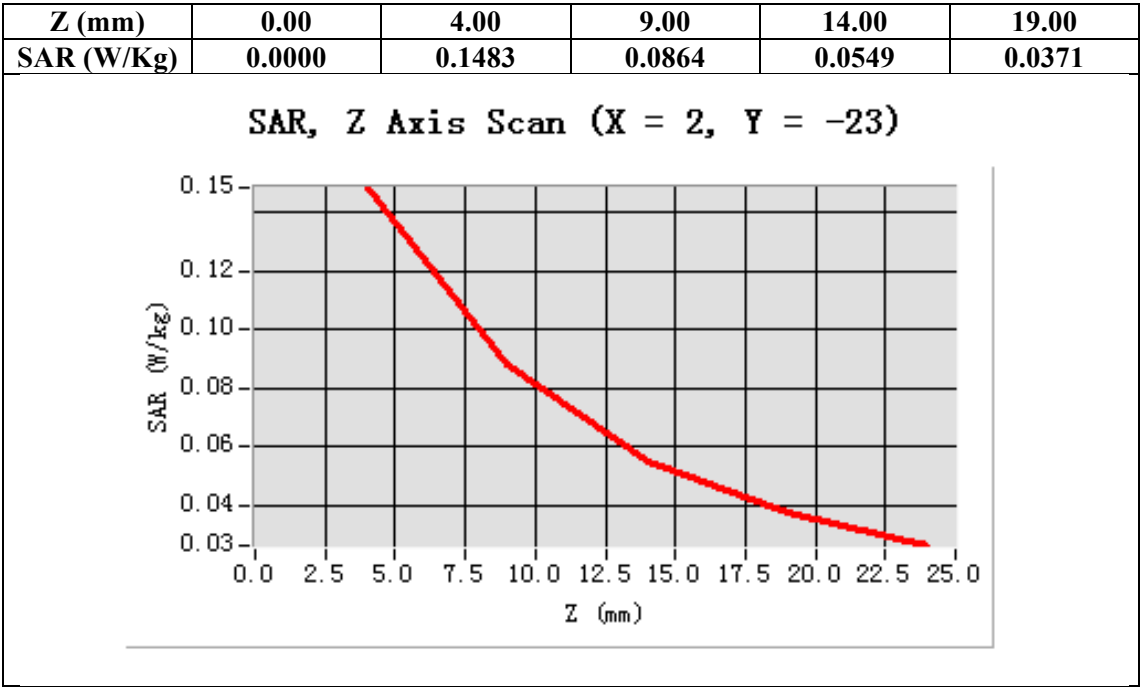




Test Laboratory: AGC Lab
802.11n(20) Mid-Body-Worn- Back (MS)
DUT: Smart Mobile Phone ; Type: MB9500

Date: Mar.30, 2013

Communication System: Wi-Fi; Communication System Band: 802.11n(20); Duty Cycle: 1:1; Conv.F=5.49;
Frequency: 2437 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 53.71$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C):21, Liquid temperature (°C):21

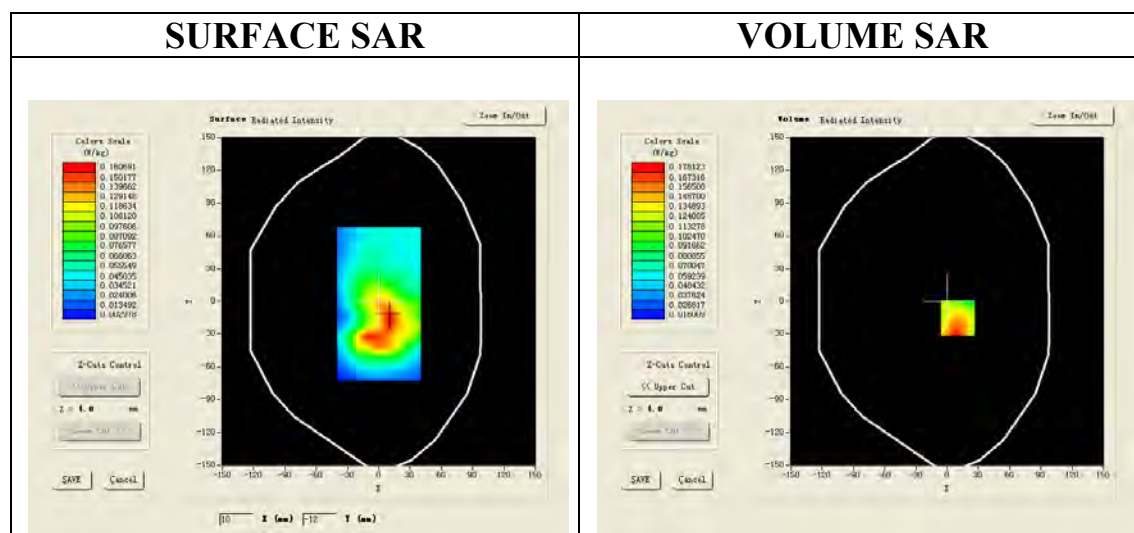
Satimo Configuration:

Probe: EP159; Calibrated: 12/11/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

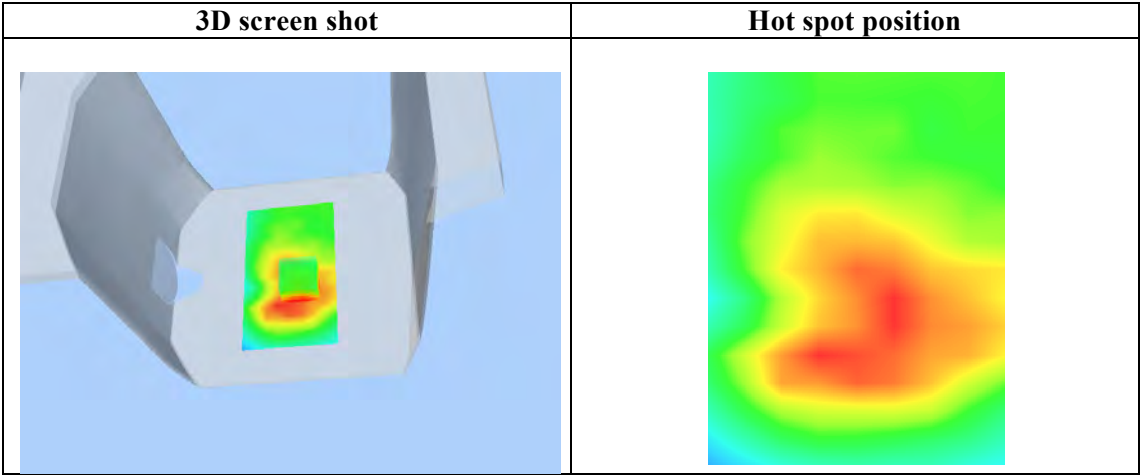
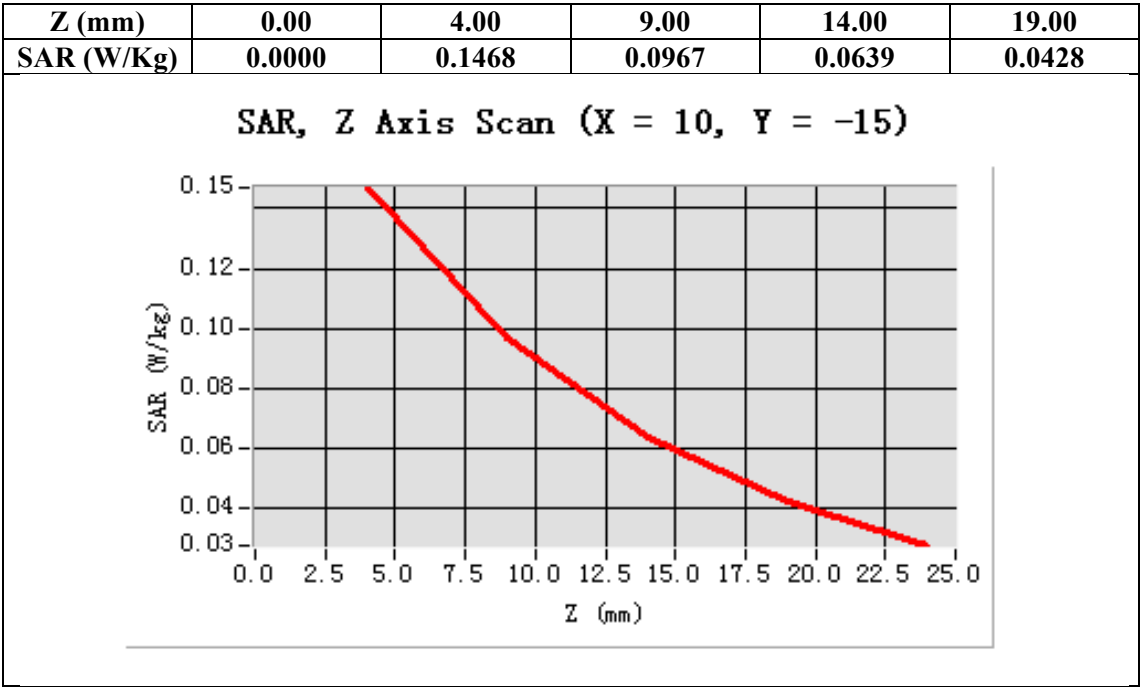
Configuration/802.11n(20) Mid- Body- Back /Area Scan (6x8x1): Measurement grid: dx=20mm, dy=20mm
Configuration/802.11n(20) Mid- Body- Back /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Validation plane
Device Position	Body Back
Band	2450MHz
Channels	Middle
Signal	TDMA (Crest factor: 8.0)



Maximum location: X=10.00, Y=-15.00

SAR 10g (W/Kg)	0.095834
SAR 1g (W/Kg)	0.160778



Test Laboratory: AGC Lab
802.11n(20) High-Body-Worn- Back (MS)
DUT: Smart Mobile Phone ; Type: MB9500

Date: Mar.30, 2013

Communication System: Wi-Fi; Communication System Band: 802.11n(20); Duty Cycle: 1:1; Conv.F=5.49;
Frequency: 2462 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 53.71$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C):21, Liquid temperature (°C):21

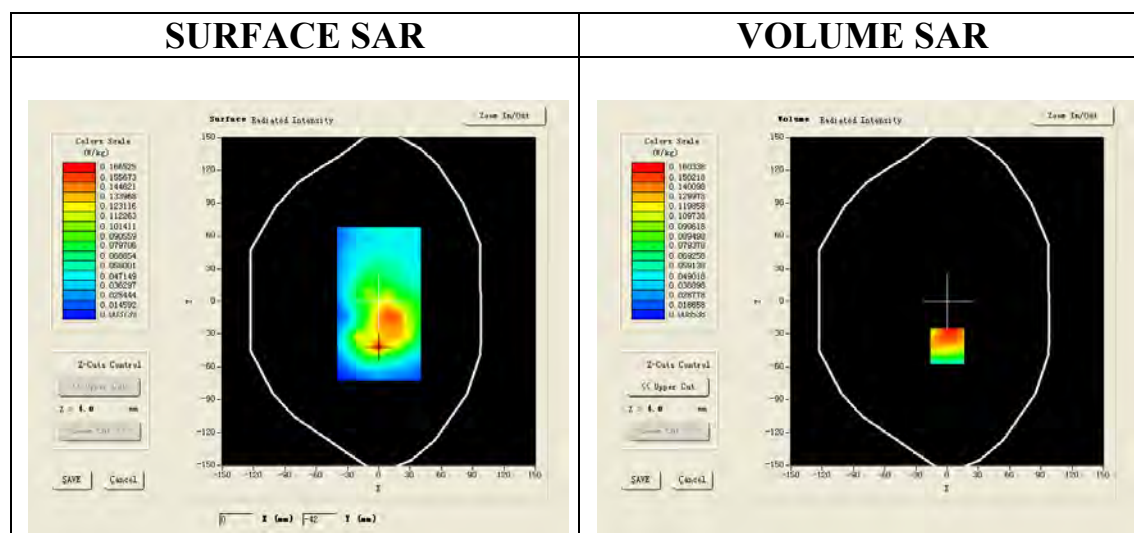
Satimo Configuration:

Probe: EP159; Calibrated: 12/11/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM1; Type: SAM
- Measurement SW: OpenSAR V4_02_01

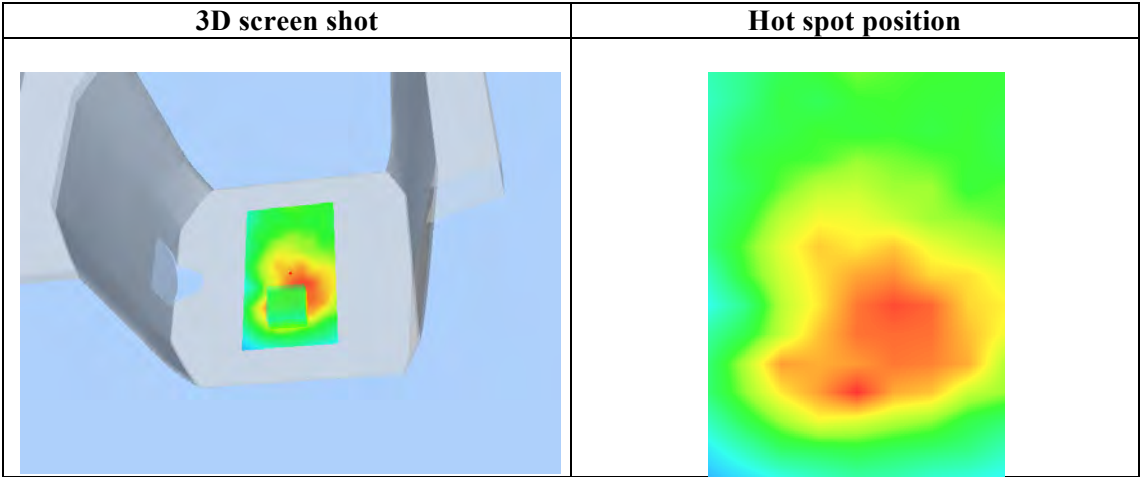
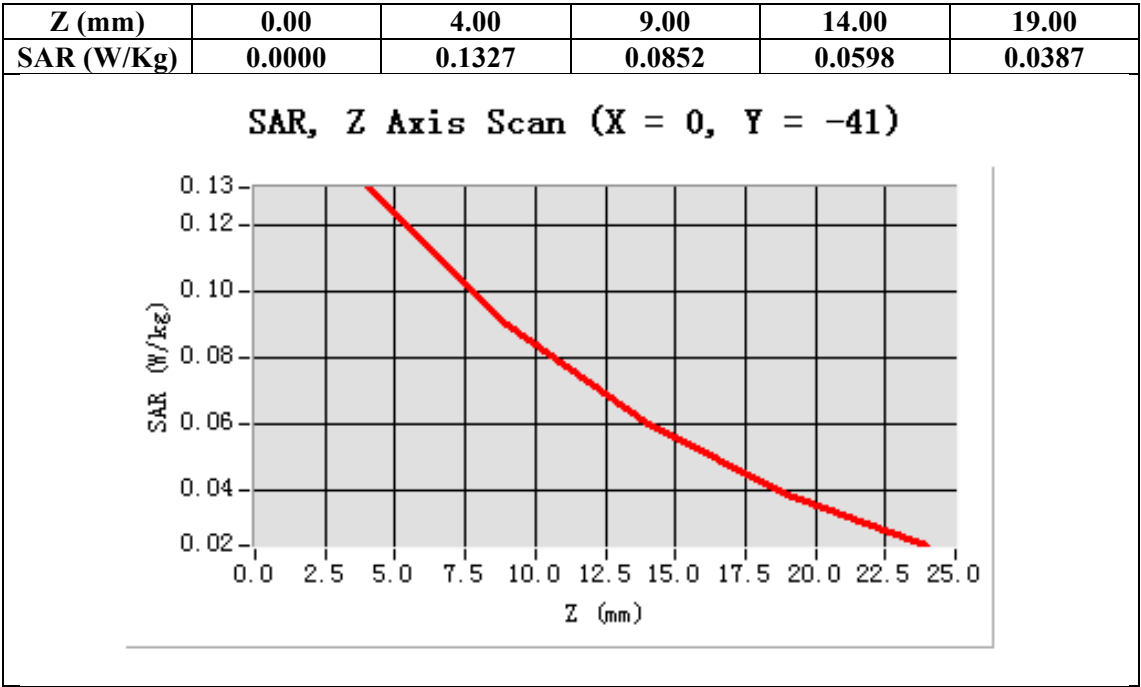
Configuration/802.11n(20) High- Body- Back /Area Scan (6x8x1): Measurement grid: dx=20mm, dy=20mm
Configuration/802.11n(20) High- Body- Back /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm;

Area Scan	surf_sam_plan.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Very fast
Phantom	Validation plane
Device Position	Body Back
Band	2450MHz
Channels	High
Signal	TDMA (Crest factor: 8.0)



Maximum location: X=0.00, Y=-41.00

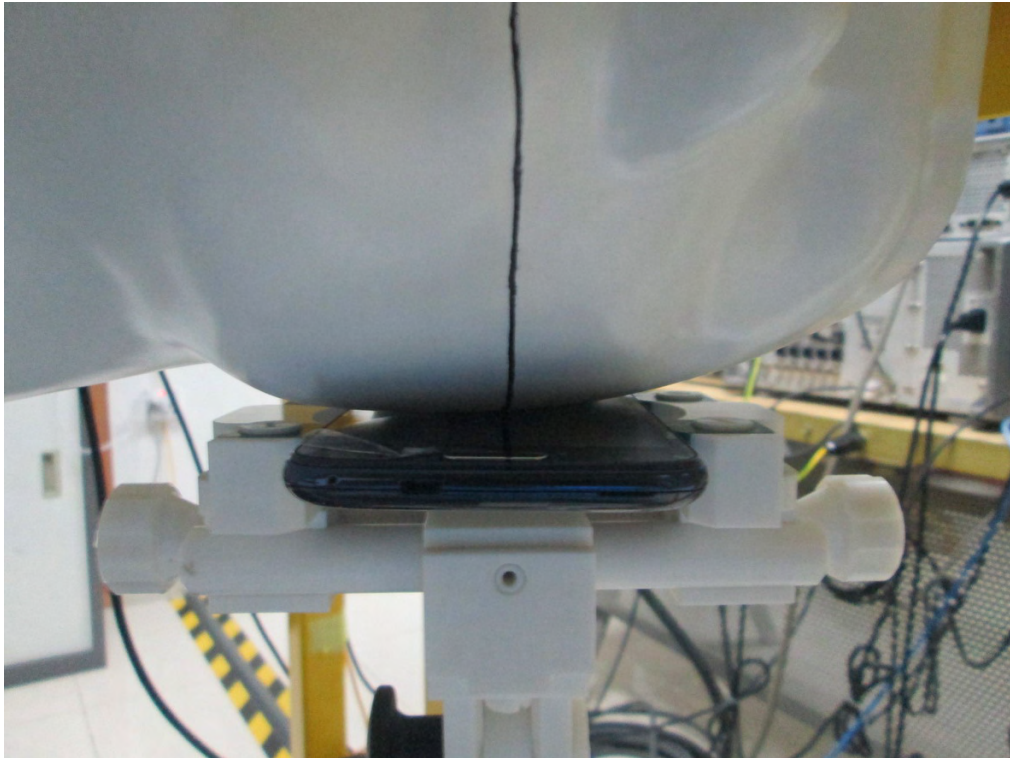
SAR 10g (W/Kg)	0.098592
SAR 1g (W/Kg)	0.154525



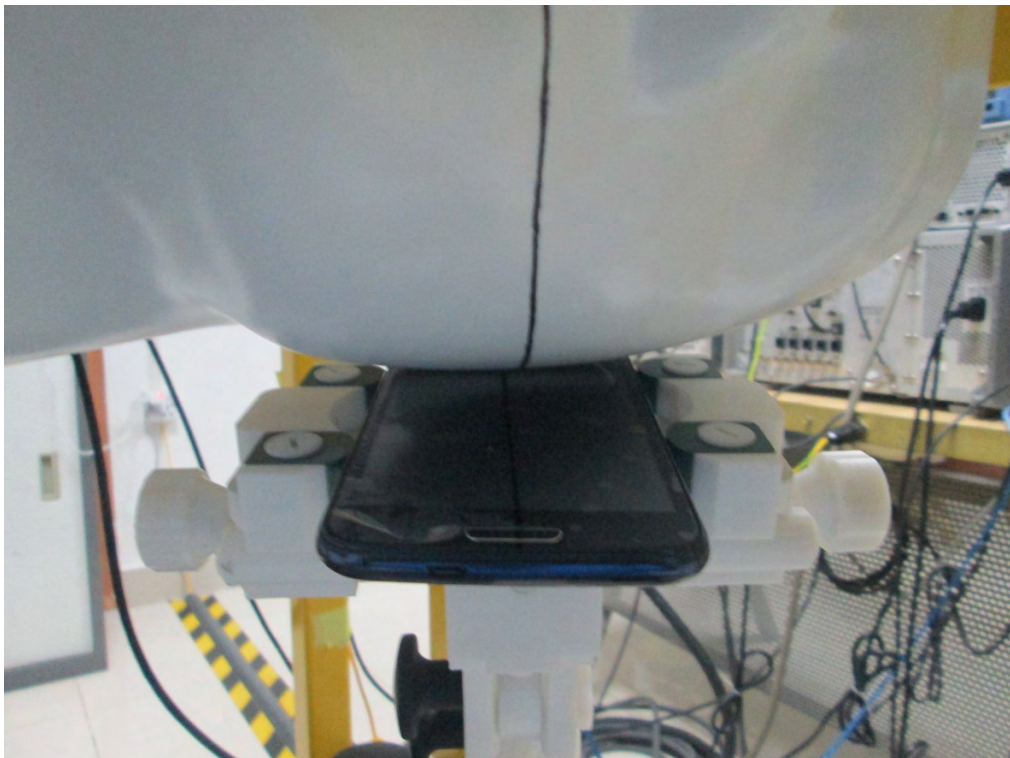
Appendix C. TEST SETUP PHOTOGRAPHS

Test Setup Photographs

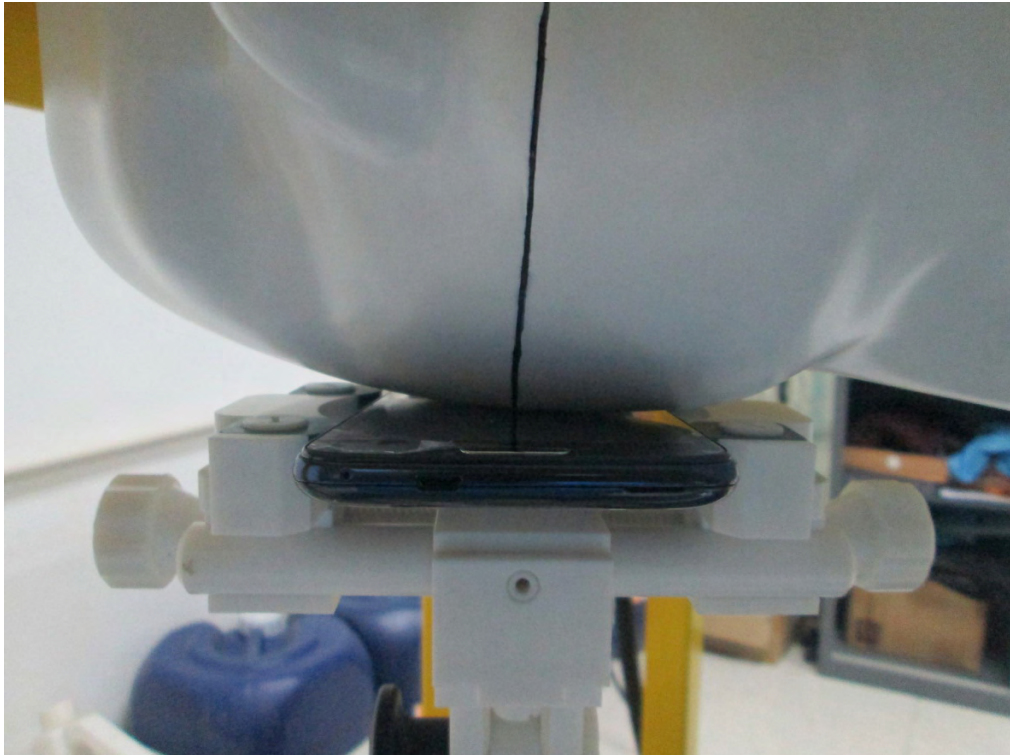
LEFT-CHECK TOUCH



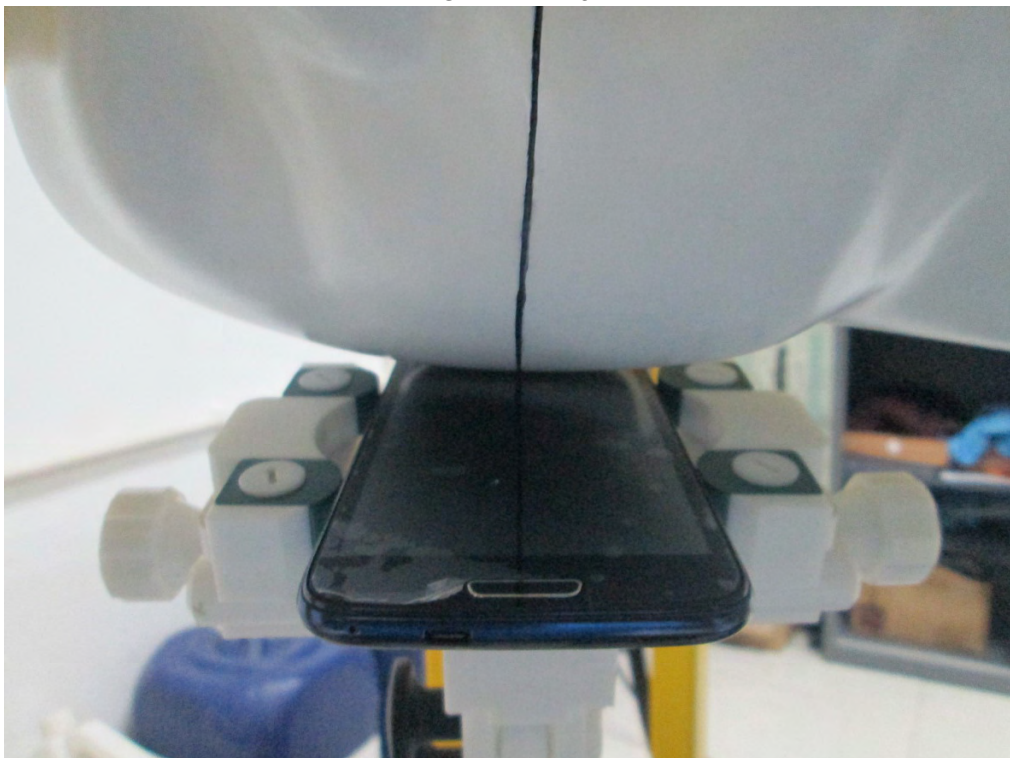
LEFT-TILT 15°



RIGHT-CHECK TOUCH



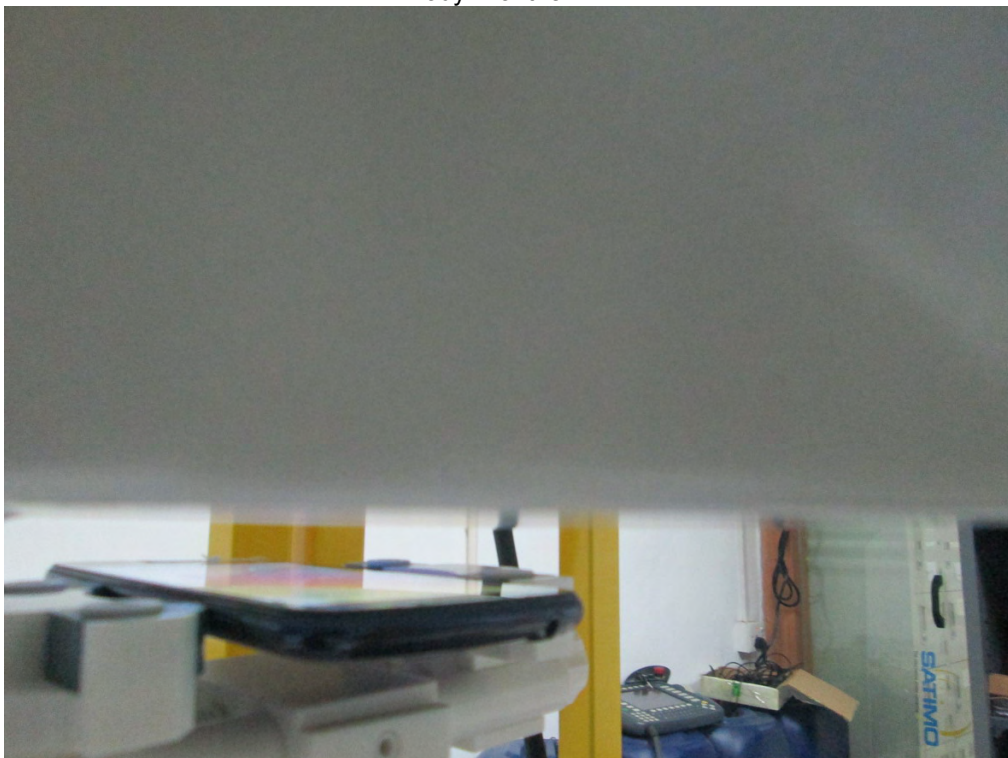
RIGHT-TILT 15°



Body Back15mm



Body Front15mm



Body back with Headset



DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

Note : The position used in the measurement were according to IEEE 1528-2003



EUT PHOTOGRAPHS

TOTAL VIEW OF EUT



TOP VIEW OF EUT



BOTTOM VIEW OF EUT



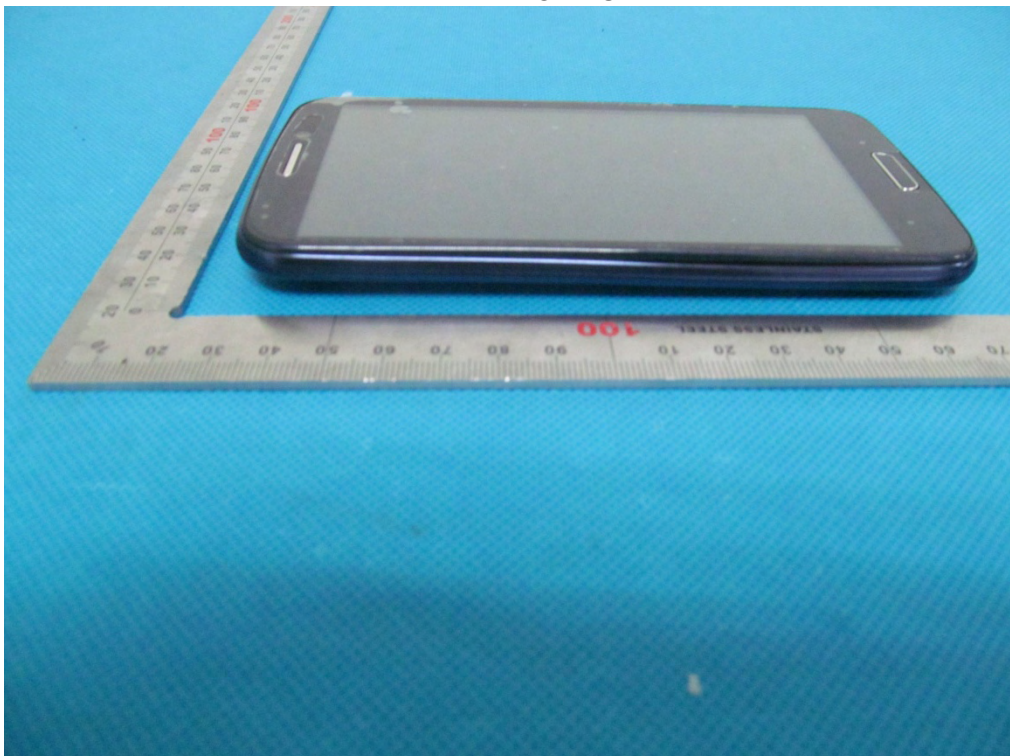
FRONT VIEW OF EUT



BACK VIEW OF EUT



LEFT VIEW OF EUT



RIGHT VIEW OF EUT



OPEN VIEW OF EUT-1



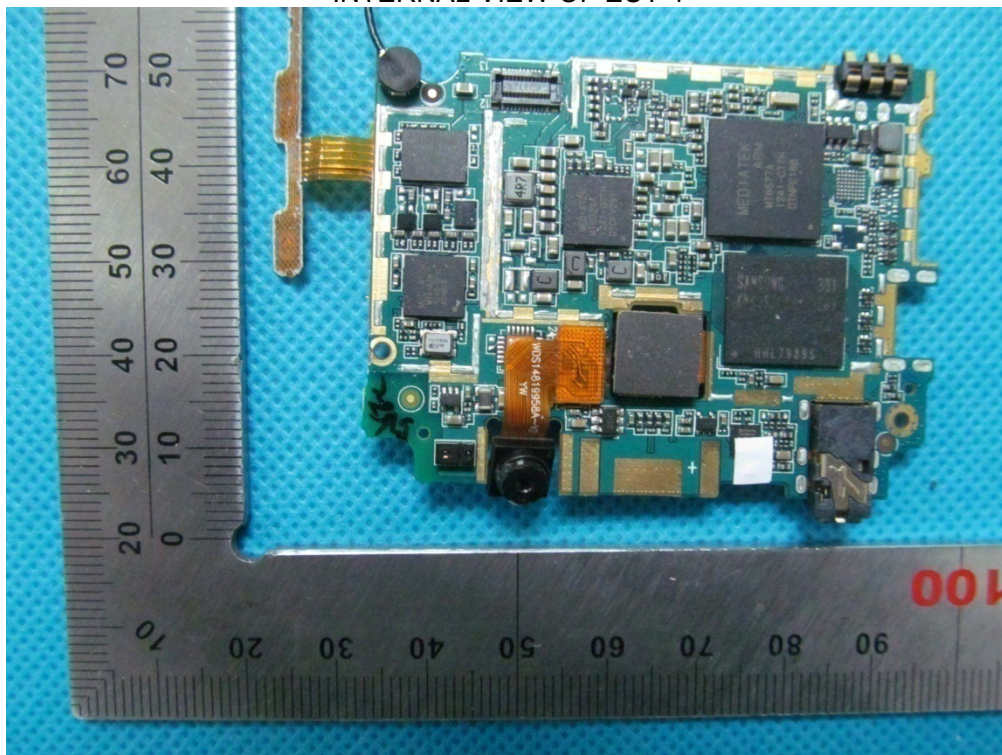
OPEN VIEW OF EUT-2



OPEN VIEW OF EUT-3



INTERNAL VIEW OF EUT-1



INTERNAL VIEW OF EUT-2

