

Test Date: May 17, 2013 Temperature : 23 Humidity : 52%
 Test Date: May 20, 2013 Temperature : 22.5 Humidity : 50%

| Liquid Temperature : 21.5 | | | | Depth of Liquid: > 15cm | | |
|--------------------------------|------------------|-----------|--------|-------------------------|---------------|--------------|
| Test Mode: GSM (Body) | | | | | | |
| Test Position Body | Antenna Position | Frequency | | Conducted power (dBm) | SAR 1g (W/kg) | Limit (W/kg) |
| | | Channel | MHz | | | |
| GSM 850 | | | | | | |
| Front Side | Fixed | 190 | 836.6 | 32.80 | 0.077 | 1.6 |
| Bottom Side | Fixed | 190 | 836.6 | 32.80 | 0.292 | 1.6 |
| Back Side | Fixed | 190 | 836.6 | 32.80 | 0.121 | 1.6 |
| Left Side | Fixed | 190 | 836.6 | 32.80 | 0.270 | 1.6 |
| Test Mode: PCS (Body) | | | | | | |
| Test Position Body | Antenna Position | Frequency | | Conducted power (dBm) | SAR 1g (W/kg) | Limit (W/kg) |
| | | Channel | MHz | | | |
| PCS 1900 | | | | | | |
| Front Side | Fixed | 661 | 1880.0 | 29.70 | 0.266 | 1.6 |
| Bottom Side | Fixed | 661 | 1880.0 | 29.70 | 0.404 | 1.6 |
| Back Side | Fixed | 661 | 1880.0 | 29.70 | 0.058 | 1.6 |
| Left Side | Fixed | 661 | 1880.0 | 29.70 | 0.091 | 1.6 |
| Test Mode: WCDMA (Body) | | | | | | |
| Test Position Body | Antenna Position | Frequency | | Conducted power (dBm) | SAR 1g (W/kg) | Limit (W/kg) |
| | | Channel | MHz | | | |
| Band II | | | | | | |
| Front Side | Fixed | 9400 | 1880.0 | 22.79 | 0.417 | 1.6 |
| Bottom Side | Fixed | 9400 | 1880.0 | 22.79 | 0.398 | 1.6 |
| Back Side | Fixed | 9400 | 1880.0 | 22.79 | 0.118 | 1.6 |
| Left Side | Fixed | 9400 | 1880.0 | 22.79 | 0.148 | 1.6 |
| Band V | | | | | | |
| Front Side | Fixed | 4180 | 836.6 | 23.15 | 0.058 | 1.6 |
| Bottom Side | Fixed | 4180 | 836.6 | 23.15 | 0.331 | 1.6 |
| Back Side | Fixed | 4180 | 836.6 | 23.15 | 0.147 | 1.6 |
| Left Side | Fixed | 4180 | 836.6 | 23.15 | 0.070 | 1.6 |

Test Mode: GSM850, CH 190, Front Side (Body)

Date/Time: 5/17/2013 PM 04:57:20

Test Laboratory: Audix_SAR Lab

GSM850 MID FRONT**DUT: HM45; Type: Bluebird Soft Inc; Serial: N/A**

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(9.78, 9.78, 9.78); Calibrated: 5/9/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 5/7/2012
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: SN1706
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Unnamed procedure/Area Scan (6x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0615 W/kg

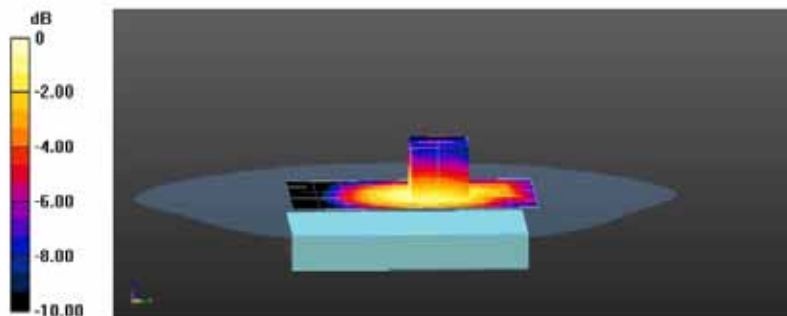
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.259 V/m; Power Drift = -0.46 dB

Peak SAR (extrapolated) = 0.134 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.0649 W/kg



Test Mode: GSM850, CH 190, Bottom Side (Body)

Date/Time: 5/17/2013 PM 05:51:07

Test Laboratory: Audix_SAR Lab

GSM850 MID Bottom

DUT: HM45; Type: Bluebird Soft Inc; Serial: N/A

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(9.78, 9.78, 9.78); Calibrated: 5/9/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 5/7/2012
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: SN1706
- DASYS2 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Unnamed procedure/Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.242 W/kg

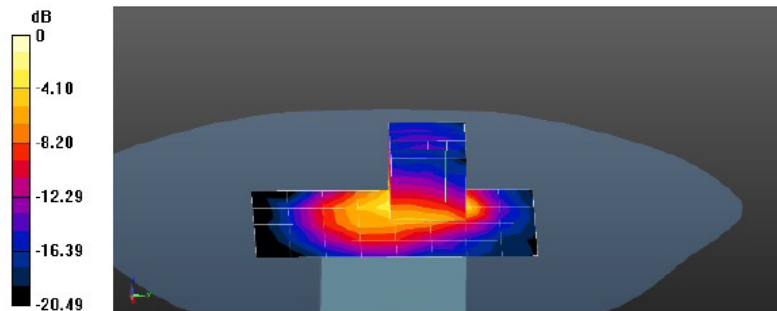
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.708 V/m; Power Drift = 0.83 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.283 W/kg



Test Mode: GSM850, CH 190, Back Side (Body)

Date/Time: 5/17/2013 PM 02:45:39

Test Laboratory: Audix_SAR Lab

GSM850 MID BACK

DUT: HM45; Type: Bluebird Soft Inc; Serial: N/A

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(9.78, 9.78, 9.78); Calibrated: 5/9/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 5/7/2012
- Phantom: SAM with CRP v5 0; Type: QD000P40CD; Serial: SN1706
- DASYS2 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Unnamed procedure/Area Scan (6x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.132 W/kg

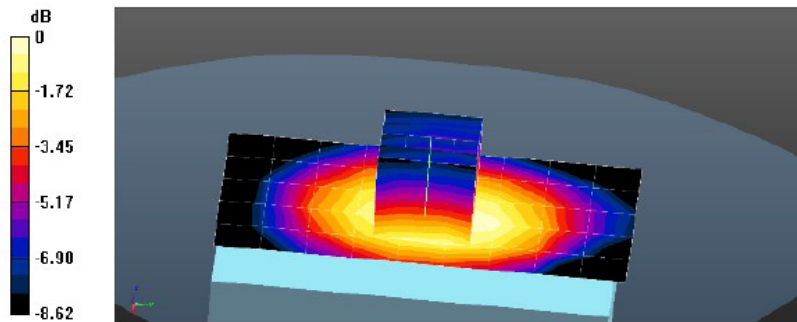
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.472 V/m, Power Drift = -0.35 dB

Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.090 W/kg

Maximum value of SAR (measured) = 0.128 W/kg



Test Mode: GSM850, CH 190, Left Side (Body)

Date/Time: 5/17/2013 PM 07:25:24

Test Laboratory: Andix_SAR Lab

GSM850 MID Left

DUT: HM45; Type: Bluebird Soft Inc; Serial: N/A

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(9.78, 9.78, 9.78); Calibrated: 5/9/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 5/7/2012
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: SN1706
- DASYS2 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Unnamed procedure/Area Scan (5x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.287 W/kg

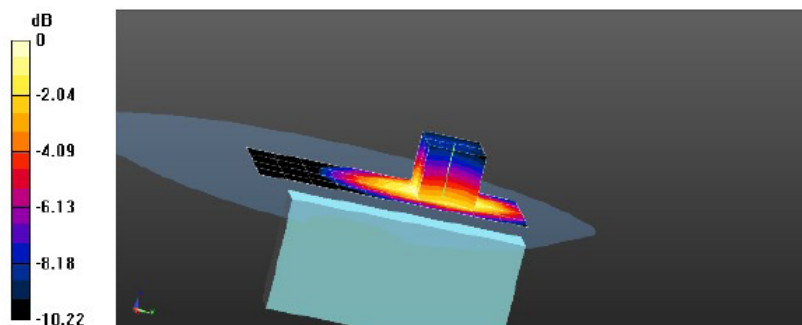
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.458 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.382 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.184 W/kg

Maximum value of SAR (measured) = 0.288 W/kg



Test Mode: PCS1900, CH 661, Front Side (Body)

Date/Time: 5/21/2013 AM 09:30:36

Test Laboratory: Audix_SAR Lab

GSM1900 MID FRONT

DUT: HM45; Type: Bluebird Soft Inc; Serial: N/A

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ S/m; $\epsilon_r = 51.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.61, 7.61, 7.61); Calibrated: 5/9/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 5/7/2012
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: SN1706
- DASYS2 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Unnamed procedure/Area Scan (6x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.275 W/kg

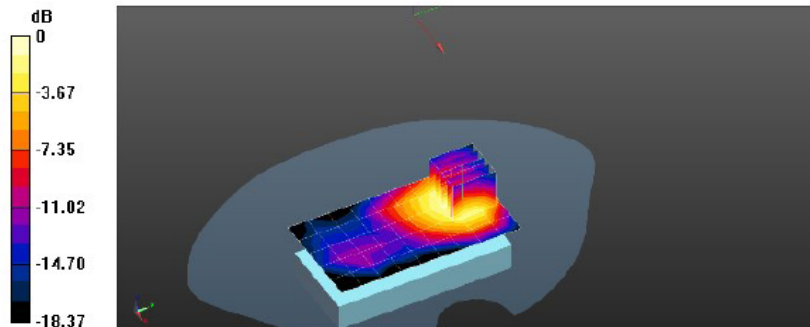
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.219 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.420 W/kg

SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 0.283 W/kg



Test Mode: PCS1900, CH 661, Bottom Side (Body)

Date/Time: 5/21/2013 AM 11:42:13

Test Laboratory: Audix_SAR Lab

GSM1900 MID Botton

DUT: HM45; Type: Bluebird Soft Inc; Serial: N/A

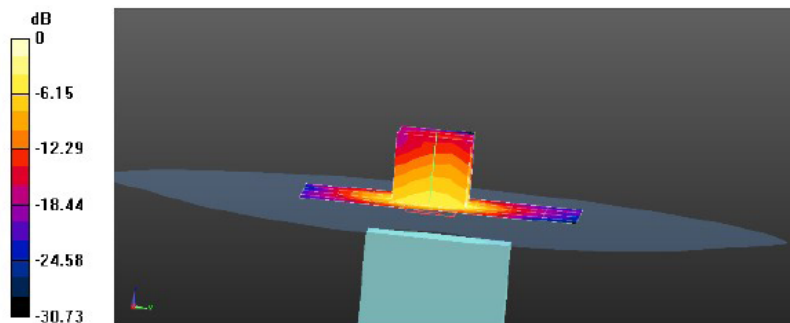
Communication System: Generic GSM; Frequency: 1880 MHz
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ S/m; $\epsilon_r = 51.14$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.61, 7.61, 7.61); Calibrated: 5/9/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = -9.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 5/7/2012
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: SN1706
- DASYS2 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Unnamed procedure/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.344 W/kg

Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.056 V/m; Power Drift = 0.63 dB
Peak SAR (extrapolated) = 0.725 W/kg
SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.211 W/kg
Maximum value of SAR (measured) = 0.454 W/kg



Test Mode: PCS1900, CH 661, Back Side (Body)

Date/Time: 5/21/2013 AM 11:23:27

Test Laboratory: Audix_SAR Lab

GSM1900 MID BACK**DUT: HM45; Type: Bluebird Soft Inc; Serial: N/A**

Communication System: Generic GSM; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ S/m; $\epsilon_1 = 51.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.61, 7.61, 7.61); Calibrated: 5/9/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 5/7/2012
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: SN1706
- DASYS2 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Unnamed procedure/Area Scan (6x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0581 W/kg

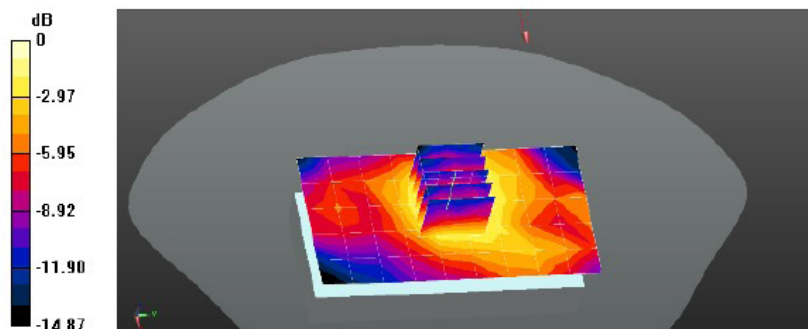
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.998 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0870 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0622 W/kg



Test Mode: PCS1900, CH 661, Left Side (Body)

Date/Time: 5/21/2013 PM 01:21:41

Test Laboratory: Audix_SAR Lab

GSM1900 MID Left

DUT: HM45; Type: Bluebird Soft Inc; Serial: N/A

Communication System: Generic GSM, Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ S/m; $\epsilon_r = 51.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.61, 7.61, 7.61); Calibrated: 5/9/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = -9.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 5/7/2012
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: SN1706
- DASYS2 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Unnamed procedure/Area Scan (5x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0887 W/kg

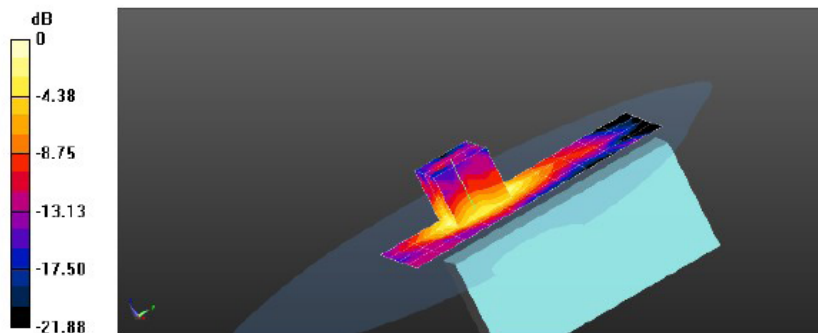
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.136 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.0984 W/kg



Test Mode: WCDMA (Band II), CH 9400, Front Side (Body)

Date/Time: 5/20/2013 PM 07:42:05

Test Laboratory: Audix_SAR Lab

WCDMA B2 MID FRONT**DUT: HM45; Type: Bluebird Soft Inc; Serial: N/A**

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ S/m; $\epsilon_r = 51.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.61, 7.61, 7.61); Calibrated: 5/9/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 5/7/2012
- Phantom: SAM with CRP v5 0; Type: QD000P40CD; Serial: SN1706
- DASYS2 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Unnamed procedure/Area Scan (6x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.459 W/kg

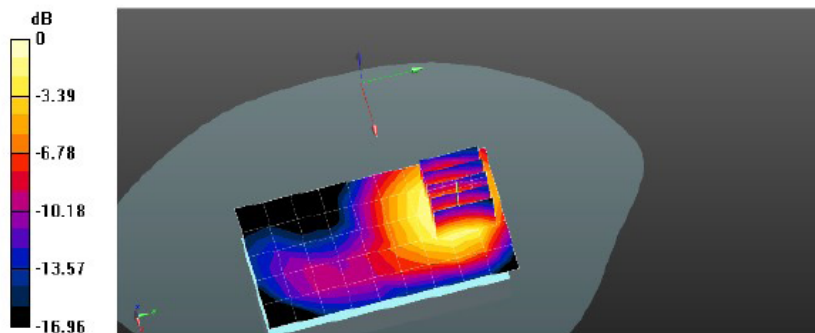
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.689 V/m; Power Drift = -0.40 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.256 W/kg

Maximum value of SAR (measured) = 0.446 W/kg



Test Mode: WCDMA (Band II), CH 9400, Bottom Side (Body)

Date/Time: 5/20/2013 PM 08:29:30

Test Laboratory: Audix_SAR Lab

WCDMA B2 MID Bottom**DUT: HM45; Type: Bluebird Soft Inc; Serial: N/A**

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ S/m; $\epsilon_r = 51.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.61, 7.61, 7.61); Calibrated: 5/9/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 5/7/2012
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: SN1706
- DASYS2 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Unnamed procedure/Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.320 W/kg

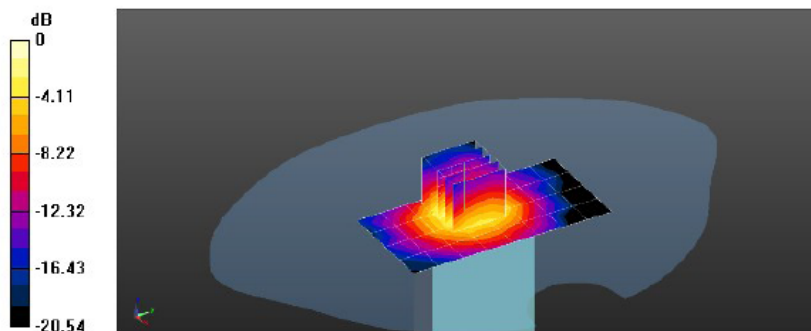
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.431 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.441 W/kg



Test Mode: WCDMA (Band II), CH 9400, Back Side (Body)

Date/Time: 5/20/2013 PM 08:02:25

Test Laboratory: Audix_SAR Lab

WCDMA B2 MID BACK

DUT: HM45; Type: Bluebird Soft Inc; Serial: N/A

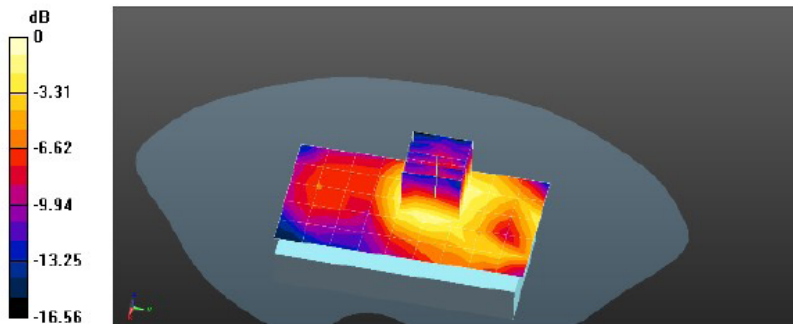
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ S/m; $\epsilon_r = 51.14$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.61, 7.61, 7.61); Calibrated: 5/9/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 5/7/2012
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: SN1706
- DASYS2 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Unnamed procedure/Area Scan (6x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.125 W/kg

Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 7.265 V/m; Power Drift = 0.75 dB
 Peak SAR (extrapolated) = 0.172 W/kg
SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.075 W/kg
 Maximum value of SAR (measured) = 0.126 W/kg



Test Mode: WCDMA (Band II), CH 9400, Left Side (Body)

Date/Time: 5/20/2013 PM 08:45:40

Test Laboratory: Audix_SAR Lab

WCDMA B2 MID Left**DUT: HM45; Type: Bluebird Soft Inc; Serial: N/A**

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ S/m; $\epsilon_r = 51.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.61, 7.61, 7.61); Calibrated: 5/9/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 5/7/2012
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: SN1706
- DASYS2 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Unnamed procedure/Area Scan (5x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.140 W/kg

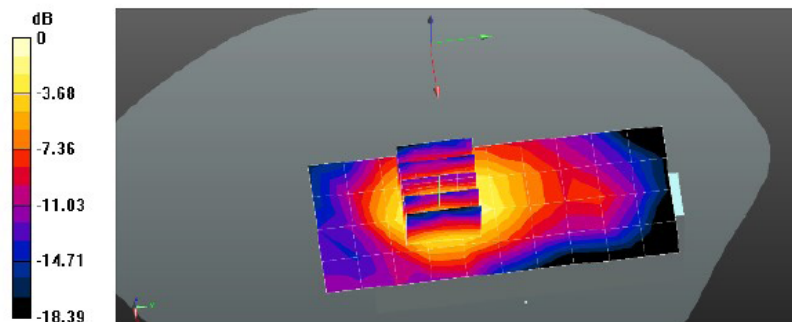
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.873 V/m; Power Drift = 0.87 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.085 W/kg

Maximum value of SAR (measured) = 0.161 W/kg



Test Mode: WCDMA (Band V), CH 4180, Front Side (Body)

Date/Time: 5/17/2013 PM 08:30:29

Test Laboratory: Audix_SAR Lab

WCDMA B5 MID FRONT**DUT: HM45; Type: Bluebird Soft Inc; Serial: N/A**

Communication System: Generic GSM; Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(9.78, 9.78, 9.78); Calibrated: 5/9/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 5/7/2012
- Phantom: SAM with CRP v5.0; Type: QD00P40CD; Serial: SN1706
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Unnamed procedure/Area Scan (6x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0668 W/kg

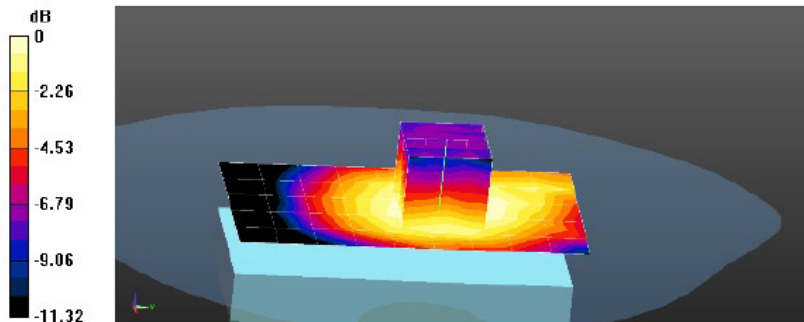
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.756 V/m; Power Drift = -1.04 dB

Peak SAR (extrapolated) = 0.0780 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.0625 W/kg



Test Mode: WCDMA (Band V), CH 4180, Bottom Side (Body)

Date/Time: 5/17/2013 PM 10:04:49

Test Laboratory: Audix_SAR Lab

WCDMA B5 MID Botton

DUT: HM45; Type: Bluebird Soft Inc; Serial: N/A

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration

- Probe: EX3DV4 - SN3855; ConvF(9.78, 9.78, 9.78); Calibrated: 5/9/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 5/7/2012
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: SN1706
- DASYS2 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Unnamed procedure/Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.384 W/kg

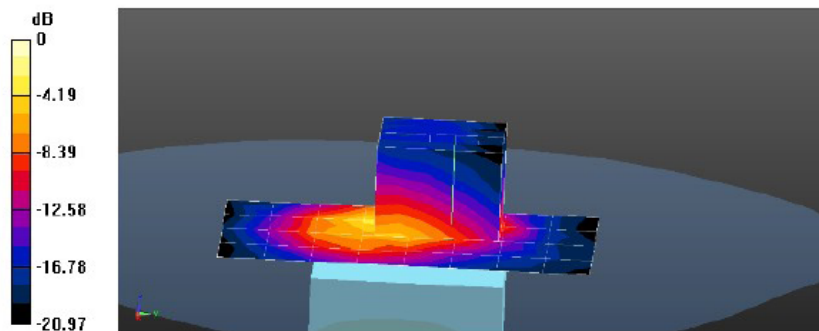
Configuration/Unnamed procedure/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.127 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (measured) = 0.385 W/kg



Test Mode: WCDMA (Band V), CH 4180, Back Side (Body)

Date/Time: 5/17/2013 PM 09:21:07

Test Laboratory: Audix_SAR Lab

WCDMA B5 MID BACK

DUT: HM45; Type: Bluebird Soft Inc; Serial: N/A

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

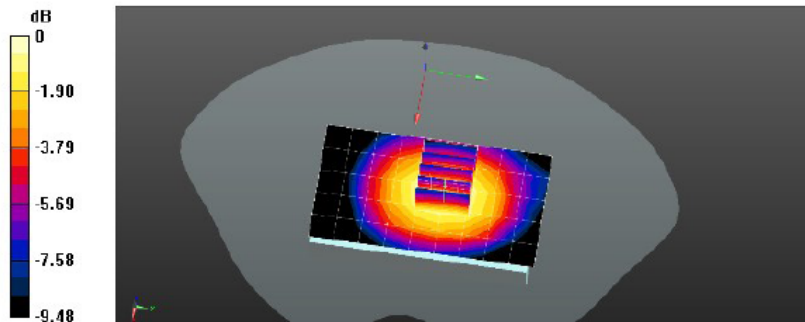
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(9.78, 9.78, 9.78); Calibrated: 5/9/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = -9.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 5/7/2012
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: SN1706
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Unnamed procedure/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.142 W/kg

Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 12.972 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 0.188 W/kg
SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.109 W/kg
 Maximum value of SAR (measured) = 0.154 W/kg



Test Mode: WCDMA (Band V), CH 4180, Left Side (Body)

Date/Time: 5/17/2013 PM 10:54:35

Test Laboratory: Audix_SAR Lab

WCDMA B5 MID Left

DUT: HM45-1; Type: Bluebird Soft Inc; Serial: N/A

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(9.78, 9.78, 9.78); Calibrated: 5/9/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = -9.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 5/7/2012
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: SN1706
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Unnamed procedure/Area Scan (5x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0755 W/kg

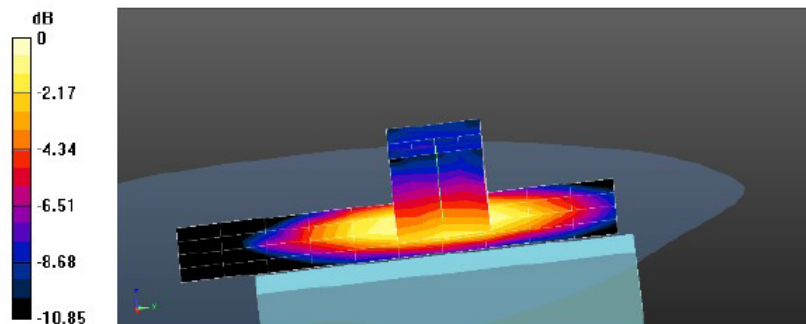
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.875 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.0743 W/kg



6. PHOTOGRAPHS OF MEASUREMENT

Test Position: Left Cheek (Head)



Test Position: Left Tilt (Head)



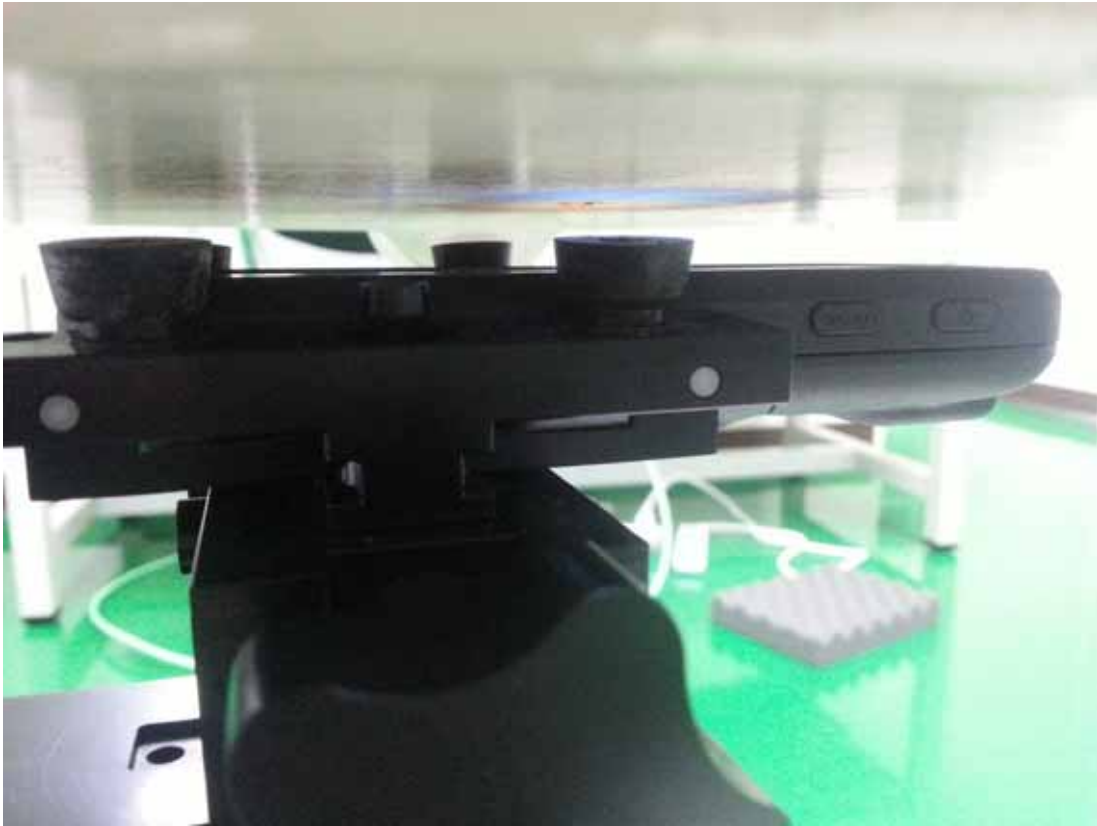
Test Position: Right Cheek (Head)



Test Position: Right Tilt (Head)



Test Position: Front Side



Test Position: Back Side



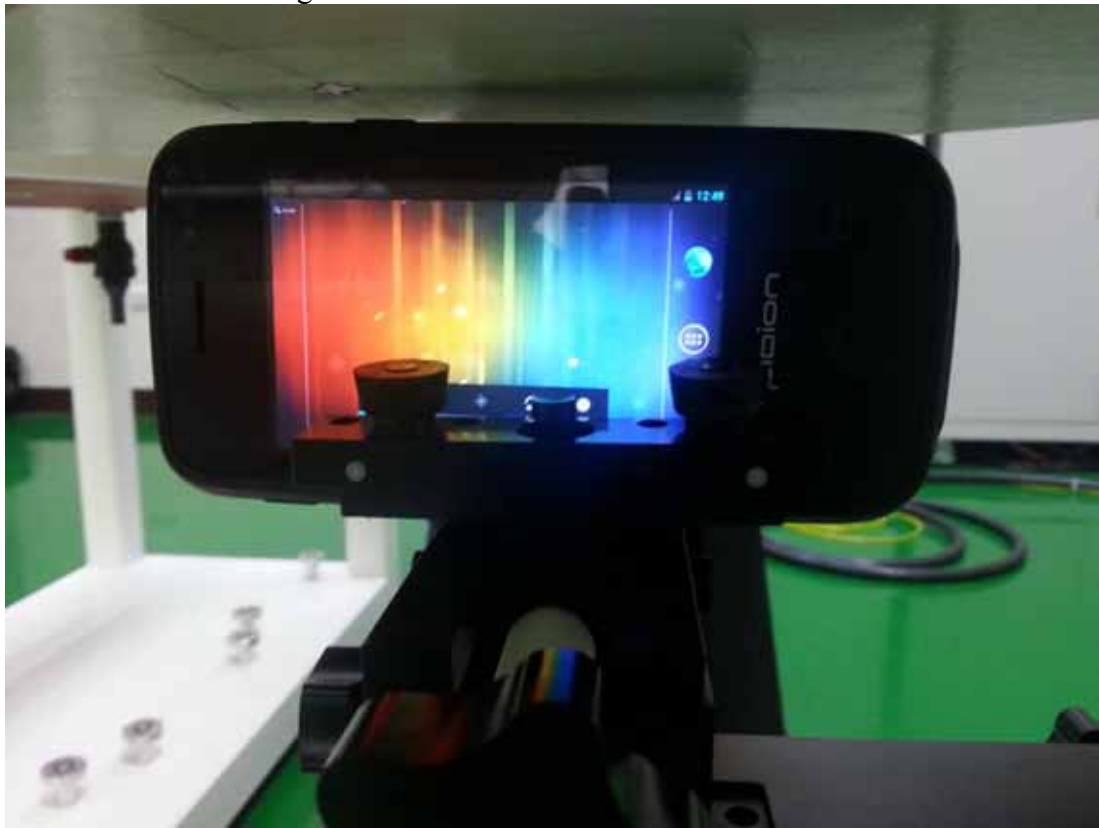
Test Position: Bottom Side



Test Position: Left Side



Test Position: Right Side



Depth of the Liquid in the Phantom-Zoom In

