# Test Laboratory: Bay Area Compliance Lab Corp.(BACL) Right Head Tilt (Middle Channel)

#### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: WCDMA-850MHz; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 836.4 MHz;  $\sigma = 0.892 \text{ mho/m}$ ;  $\varepsilon_r = 41.5$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(6.22, 6.22, 6.22); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

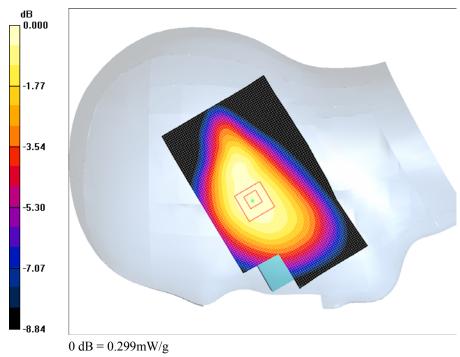
Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

**Right Head Tilt/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.296 mW/g

**Right Head Tilt/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 16.4 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.212 mW/gMaximum value of SAR (measured) = 0.299 mW/g



# Test Laboratory: Bay Area Compliance Lab Corp.(BACL) Right Head Touch (Low Channel)

#### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: WCDMA-850MHz; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 826.4 MHz;  $\sigma = 0.885 \text{ mho/m}$ ;  $\varepsilon_r = 41.6$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(6.22, 6.22, 6.22); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn456; Calibrated: 3/16/2012

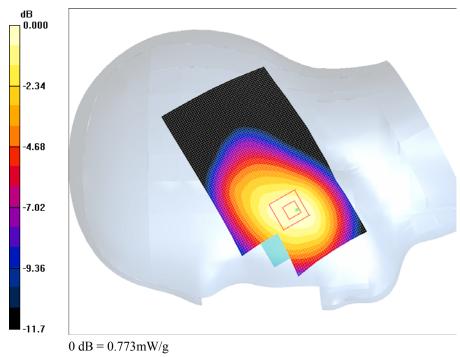
Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

**Right Head Touch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.779 mW/g

**Right Head Touch/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 9.93 V/m; Power Drift = 0.052 dB Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.516 mW/gMaximum value of SAR (measured) = 0.773 mW/g



#24

# Test Laboratory: Bay Area Compliance Lab Corp.(BACL) Right Head Touch (Middle Channel)

### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: WCDMA-850MHz; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 836.4 MHz;  $\sigma = 0.892 \text{ mho/m}$ ;  $\varepsilon_r = 41.5$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(6.22, 6.22, 6.22); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE3 Sn456; Calibrated: 3/16/2012

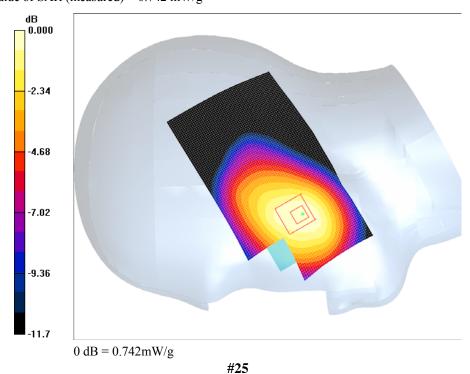
Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

**Right Head Touch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.741 mW/g

**Right Head Touch/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 9.29 V/m; Power Drift = 0.104 dB Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.492 mW/gMaximum value of SAR (measured) = 0.742 mW/g



# Test Laboratory: Bay Area Compliance Lab Corp.(BACL) Right Head Touch (High Channel)

#### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: WCDMA-850MHz; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 846.6 MHz;  $\sigma = 0.91 \text{ mho/m}$ ;  $\varepsilon_r = 41.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(6.22, 6.22, 6.22); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn456; Calibrated: 3/16/2012

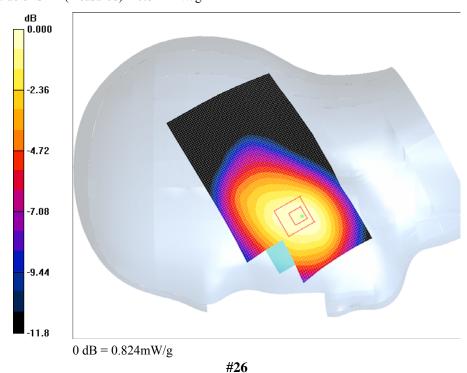
Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

**Right Head Touch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.830 mW/g

**Right Head Touch/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 9.58 V/m; Power Drift = 0.047 dB Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.777 mW/g; SAR(10 g) = 0.547 mW/gMaximum value of SAR (measured) = 0.824 mW/g



Report Number: R1207165-SAR Page 94 of 137 SAR Evaluation Report

### Test Laboratory: Bay Area Compliance Lab Corp.(BACL) Left Head Tilt (Middle Channel)

#### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: WCDMA-850MHz; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 836.4 MHz;  $\sigma = 0.892 \text{ mho/m}$ ;  $\varepsilon_r = 41.5$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(6.22, 6.22, 6.22); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

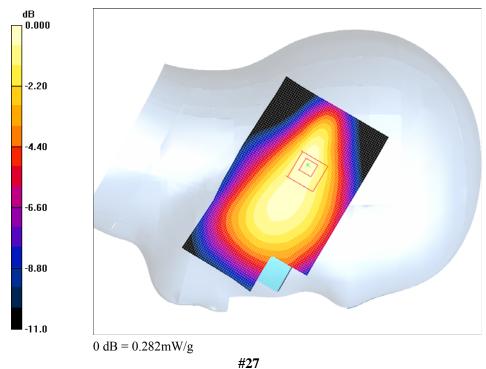
Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

**Left Head Tilt/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.280 mW/g

**Left Head Tilt/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 17.1 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.382 W/kg

SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.177 mW/gMaximum value of SAR (measured) = 0.282 mW/g



### Test Laboratory: Bay Area Compliance Lab Corp.(BACL) Left Head Touch (Low Channel)

#### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: WCDMA-850MHz; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 826.4 MHz;  $\sigma = 0.885 \text{ mho/m}$ ;  $\varepsilon_r = 41.6$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(6.22, 6.22, 6.22); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE3 Sn456; Calibrated: 3/16/2012

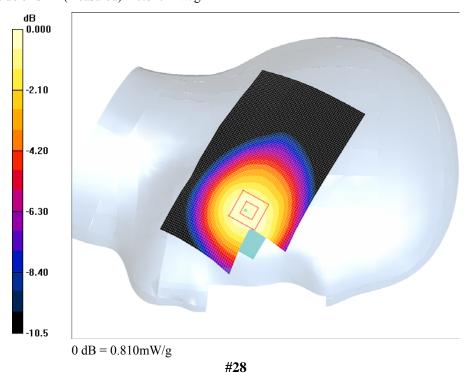
Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

**Left Head Touch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.819 mW/g

**Left Head Touch/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 9.16 V/m; Power Drift = 0.241 dB Peak SAR (extrapolated) = 0.966 W/kg

SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.570 mW/gMaximum value of SAR (measured) = 0.810 mW/g



### Test Laboratory: Bay Area Compliance Lab Corp.(BACL) Left Head Touch (Middle Channel)

#### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: WCDMA-850MHz; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 836.4 MHz;  $\sigma = 0.892 \text{ mho/m}$ ;  $\varepsilon_r = 41.5$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(6.22, 6.22, 6.22); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE3 Sn456; Calibrated: 3/16/2012

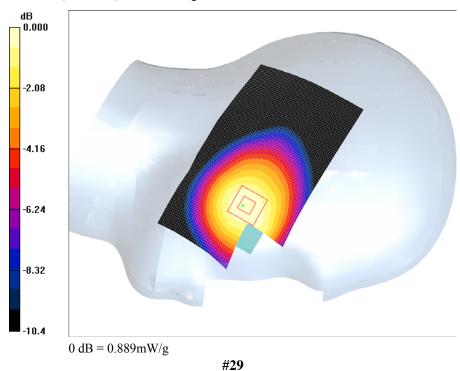
Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

**Left Head Touch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.892 mW/g

**Left Head Touch/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 10.4 V/m; Power Drift = -0.445 dB Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.842 mW/g; SAR(10 g) = 0.619 mW/gMaximum value of SAR (measured) = 0.889 mW/g



### Test Laboratory: Bay Area Compliance Lab Corp.(BACL) Left Head Touch (High Channel)

#### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: WCDMA-850MHz; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 846.6 MHz;  $\sigma = 0.91 \text{ mho/m}$ ;  $\varepsilon_r = 41.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(6.22, 6.22, 6.22); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE3 Sn456; Calibrated: 3/16/2012

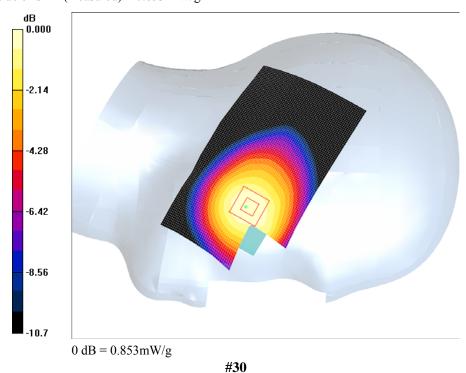
Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

**Left Head Touch/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.858 mW/g

**Left Head Touch/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 10.2 V/m; Power Drift = 0.008 dB Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.596 mW/gMaximum value of SAR (measured) = 0.853 mW/g



# Test Laboratory: Bay Area Compliance Lab Corp.(BACL) EUT 1.5cm Front Side to the Flat Phantom (Low Channel)

#### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3 Medium parameters used: f = 1850.2 MHz;  $\sigma = 1.53$  mho/m;  $\varepsilon_r = 51.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

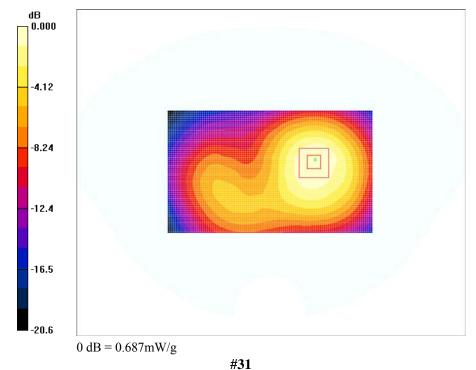
**EUT 1.5cm Front Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.695 mW/g

**EUT 1.5cm Front Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.348 mW/gMaximum value of SAR (measured) = 0.687 mW/g



#### **EUT 1.5cm Front Side to the Flat Phantom (Middle Channel)**

#### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3 Medium parameters used: f = 1880 MHz;  $\sigma = 1.57$  mho/m;  $\varepsilon_r = 51.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

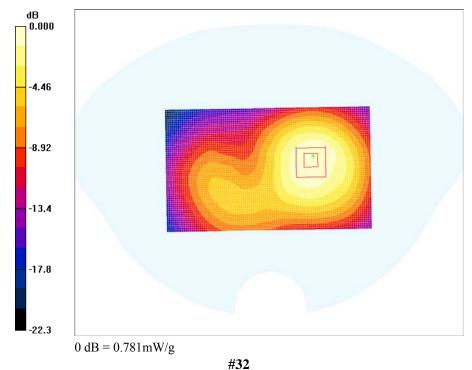
**EUT 1.5cm Front Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.804 mW/g

**EUT 1.5cm Front Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.399 mW/gMaximum value of SAR (measured) = 0.781 mW/g



### **EUT 1.5cm Front Side to the Flat Phantom (High Channel)**

DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3 Medium parameters used: f = 1909.8 MHz;  $\sigma = 1.6$  mho/m;  $\epsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

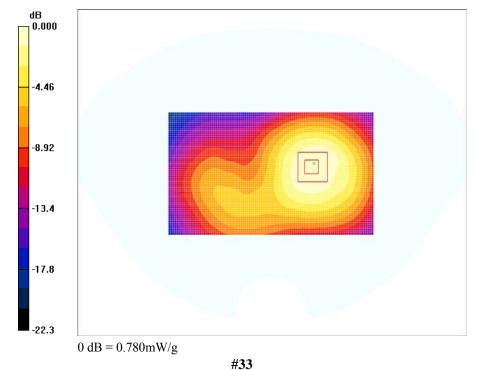
**EUT 1.5cm Front Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.795 mW/g

**EUT 1.5cm Front Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.402 mW/gMaximum value of SAR (measured) = 0.780 mW/g



# Test Laboratory: Bay Area Compliance Lab Corp.(BACL) EUT 1.5cm Back Side to the Flat Phantom (Low Channel)

#### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3 Medium parameters used: f = 1850.2 MHz;  $\sigma = 1.53$  mho/m;  $\varepsilon_r = 51.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

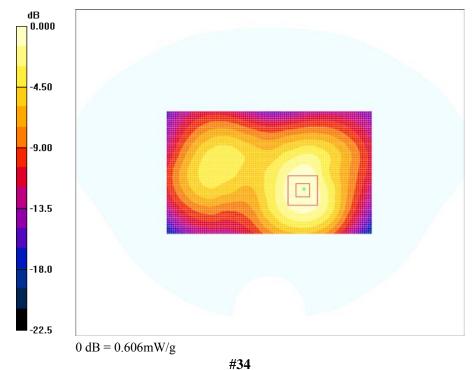
**EUT 1.5cm Back Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.616 mW/g

**EUT 1.5cm Back Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = 0.263 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.556 mW/g; SAR(10 g) = 0.304 mW/gMaximum value of SAR (measured) = 0.606 mW/g



#### **EUT 1.5cm Back Side to the Flat Phantom (Middle Channel)**

DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3 Medium parameters used: f = 1880 MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

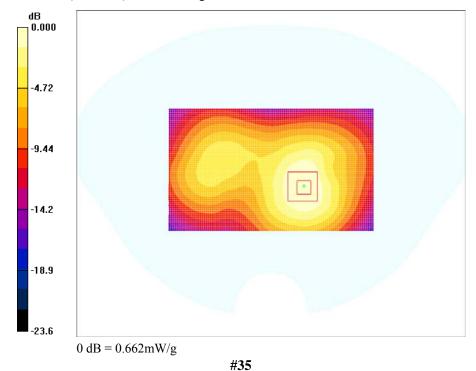
**EUT 1.5cm Back Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.687 mW/g

**EUT 1.5cm Back Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.617 mW/g; SAR(10 g) = 0.338 mW/gMaximum value of SAR (measured) = 0.662 mW/g



# Test Laboratory: Bay Area Compliance Lab Corp.(BACL) EUT 1.5cm Back Side to the Flat Phantom (High Channel)

#### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3 Medium parameters used: f = 1909.8 MHz;  $\sigma = 1.6$  mho/m;  $\epsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY4 Configuration:

• Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

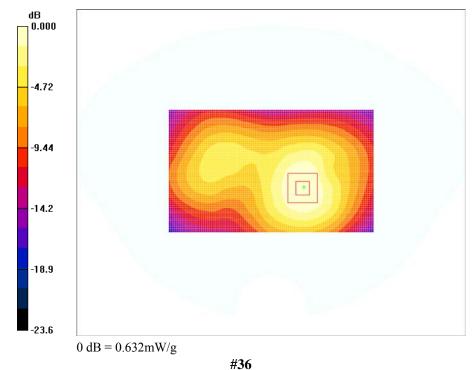
**EUT 1.5cm Back Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.642 mW/g

**EUT 1.5cm Back Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = -0.281 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.584 mW/g; SAR(10 g) = 0.318 mW/gMaximum value of SAR (measured) = 0.632 mW/g



### **EUT 1.5cm Front Side to the Flat Phantom (Low Channel)**

#### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: WCDMA-1900MHz; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1852.4 MHz;  $\sigma = 1.53$  mho/m;  $\varepsilon_r = 51.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

**EUT 1.5cm Front Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 1.26 mW/g

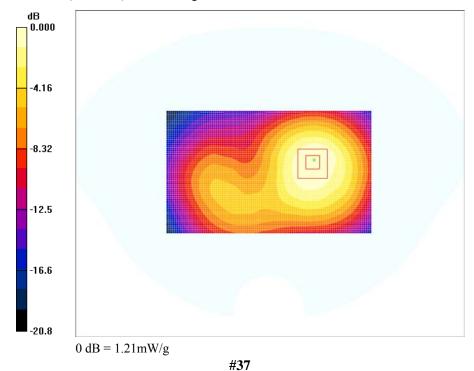
**EUT 1.5cm Front Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.0 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.613 mW/g

Maximum value of SAR (measured) = 1.21 mW/g



Report Number: R1207165-SAR Page 105 of 137 SAR Evaluation Report

#### **EUT 1.5cm Front Side to the Flat Phantom (Middle Channel)**

#### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: WCDMA-1900MHz; Frequency: 1880 MHz; Duty Cycle: 1:1 Medium parameters used: f = 1880 MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

**EUT 1.5cm Front Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 1.13 mW/g

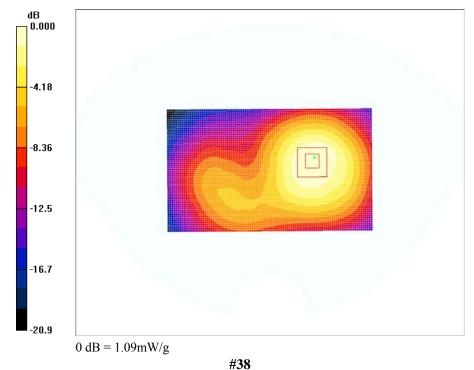
**EUT 1.5cm Front Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.558 mW/g

Maximum value of SAR (measured) = 1.09 mW/g



Report Number: R1207165-SAR Page 106 of 137 SAR Evaluation Report

### **EUT 1.5cm Front Side to the Flat Phantom (High Channel)**

Communication System: WCDMA-1900MHz; Frequency: 1907.6 MHz; Duty Cycle: 1:1

DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Medium parameters used (interpolated): f = 1907.6 MHz;  $\sigma = 1.58$  mho/m;  $\varepsilon_r = 51.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

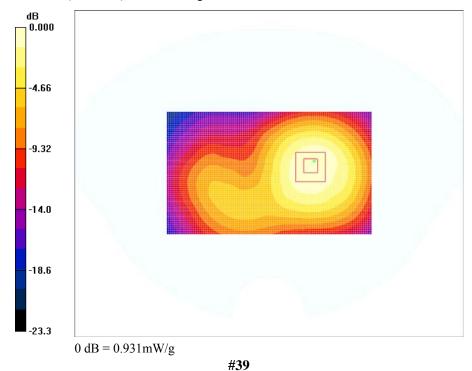
**EUT 1.5cm Front Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.951 mW/g

**EUT 1.5cm Front Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.869 mW/g; SAR(10 g) = 0.477 mW/gMaximum value of SAR (measured) = 0.931 mW/g



### **EUT 1.5cm Back Side to the Flat Phantom (Low Channel)**

Communication System: WCDMA-1900MHz; Frequency: 1852.4 MHz; Duty Cycle: 1:1

DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Medium parameters used (interpolated): f = 1852.4 MHz;  $\sigma = 1.53 \text{ mho/m}$ ;  $\varepsilon_r = 51.2$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

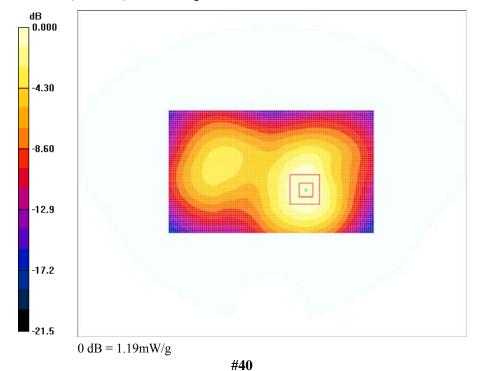
**EUT 1.5cm Back Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 1.23 mW/g

**EUT 1.5cm Back Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.8 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.603 mW/gMaximum value of SAR (measured) = 1.19 mW/g



Report Number: R1207165-SAR Page 108 of 137 SAR Evaluation Report

# Test Laboratory: Bay Area Compliance Lab Corp.(BACL) EUT 1.5cm Back Side to the Flat Phantom (Middle Channel)

## DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: WCDMA-1900MHz; Frequency: 1880 MHz; Duty Cycle: 1:1 Medium parameters used: f = 1880 MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

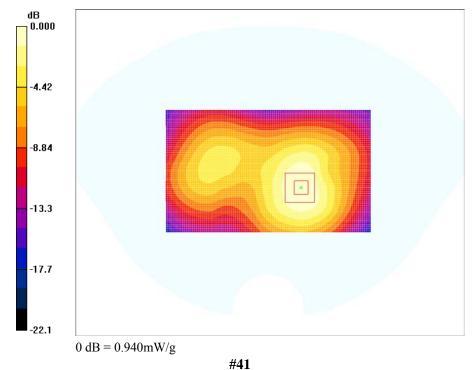
**EUT 1.5cm Back Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.945 mW/g

**EUT 1.5cm Back Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = 0.072 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.471 mW/gMaximum value of SAR (measured) = 0.940 mW/g



# Test Laboratory: Bay Area Compliance Lab Corp.(BACL) EUT 1.5cm Back Side to the Flat Phantom (High Channel)

#### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: WCDMA-1900MHz; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1907.6 MHz;  $\sigma = 1.58 \text{ mho/m}$ ;  $\varepsilon_r = 51.4$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

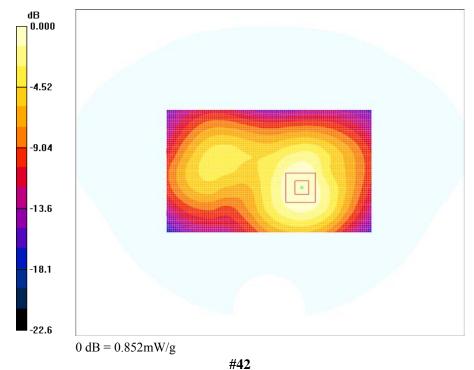
**EUT 1.5cm Back Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.864 mW/g

**EUT 1.5cm Back Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.0 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.427 mW/gMaximum value of SAR (measured) = 0.852 mW/g



# Test Laboratory: Bay Area Compliance Lab Corp.(BACL) EUT 1.5cm Front Side to the Flat Phantom (Low Channel)

#### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: PCS 1900 4 Slot; Frequency: 1850.2 MHz; Duty Cycle: 1:2 Medium parameters used: f = 1850.2 MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

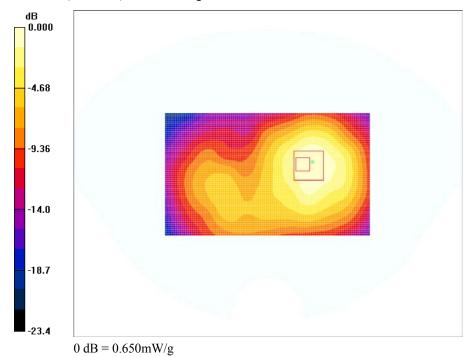
**EUT 1.5cm Front Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.680 mW/g

**EUT 1.5cm Front Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = -1.17 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.315 mW/gMaximum value of SAR (measured) = 0.650 mW/g



#43

#### **EUT 1.5cm Front Side to the Flat Phantom (Middle Channel)**

#### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: PCS 1900 4 Slot; Frequency: 1880 MHz; Duty Cycle: 1:2 Medium parameters used: f = 1880 MHz;  $\sigma = 1.57$  mho/m;  $\varepsilon_r = 51.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

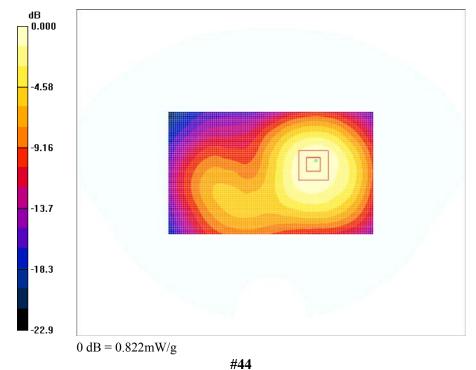
**EUT 1.5cm Front Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.848 mW/g

**EUT 1.5cm Front Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = -0.480 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.765 mW/g; SAR(10 g) = 0.419 mW/gMaximum value of SAR (measured) = 0.822 mW/g



Report Number: R1207165-SAR Page 112 of 137 SAR Evaluation Report

### **EUT 1.5cm Front Side to the Flat Phantom (High Channel)**

DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: PCS 1900 4 Slot; Frequency: 1909.8 MHz; Duty Cycle: 1:2 Medium parameters used: f = 1909.8 MHz;  $\sigma = 1.6$  mho/m;  $\varepsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

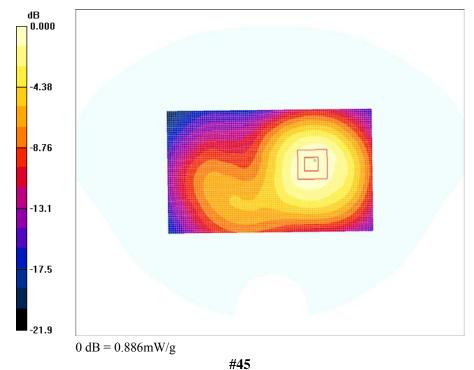
**EUT 1.5cm Front Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.890 mW/g

**EUT 1.5cm Front Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.446 mW/gMaximum value of SAR (measured) = 0.886 mW/g



# Test Laboratory: Bay Area Compliance Lab Corp.(BACL) EUT 1.5cm Back Side to the Flat Phantom (Low Channel)

### DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: PCS 1900 4 Slot; Frequency: 1850.2 MHz; Duty Cycle: 1:2 Medium parameters used: f = 1850.2 MHz;  $\sigma = 1.53$  mho/m;  $\varepsilon_r = 51.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

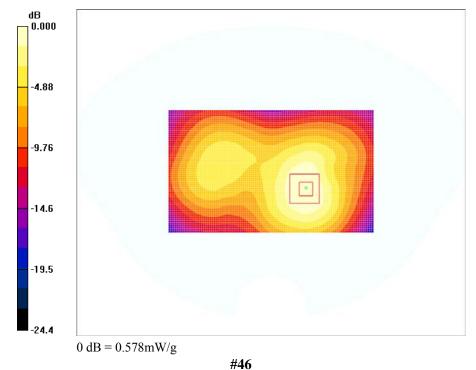
**EUT 1.5cm Back Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.594 mW/g

**EUT 1.5cm Back Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = 0.233 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.292 mW/gMaximum value of SAR (measured) = 0.578 mW/g



**EUT 1.5cm Back Side to the Flat Phantom (Middle Channel)** 

DUT: Nexpro International Limitada; Type: Mobile phone; Serial: R1207165-1

Communication System: PCS 1900 4 Slot; Frequency: 1880 MHz; Duty Cycle: 1:2 Medium parameters used: f = 1880 MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY4 Configuration:

Probe: ES3DV2 - SN3019; ConvF(4.38, 4.38, 4.38); Calibrated: 8/25/2011

• Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE3 Sn456; Calibrated: 3/16/2012

Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032

Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

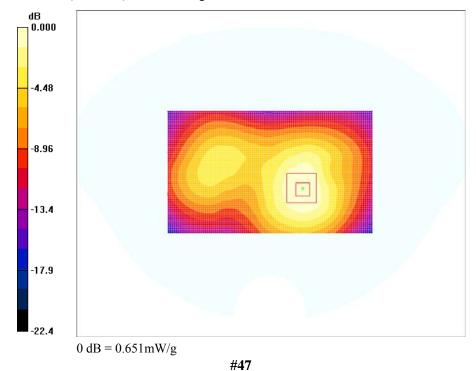
**EUT 1.5cm Back Side to the Flat Phantom/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.667 mW/g

**EUT 1.5cm Back Side to the Flat Phantom/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.330 mW/gMaximum value of SAR (measured) = 0.651 mW/g



Report Number: R1207165-SAR Page 115 of 137 SAR Evaluation Report