

Test Laboratory: Compliance Certification Services Inc.

## GSM 835 -Left Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.923$  mho/m;  $\epsilon_r = 42.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.61, 7.61, 7.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Left Cheek Middle CH190/Area Scan (8x12x1):

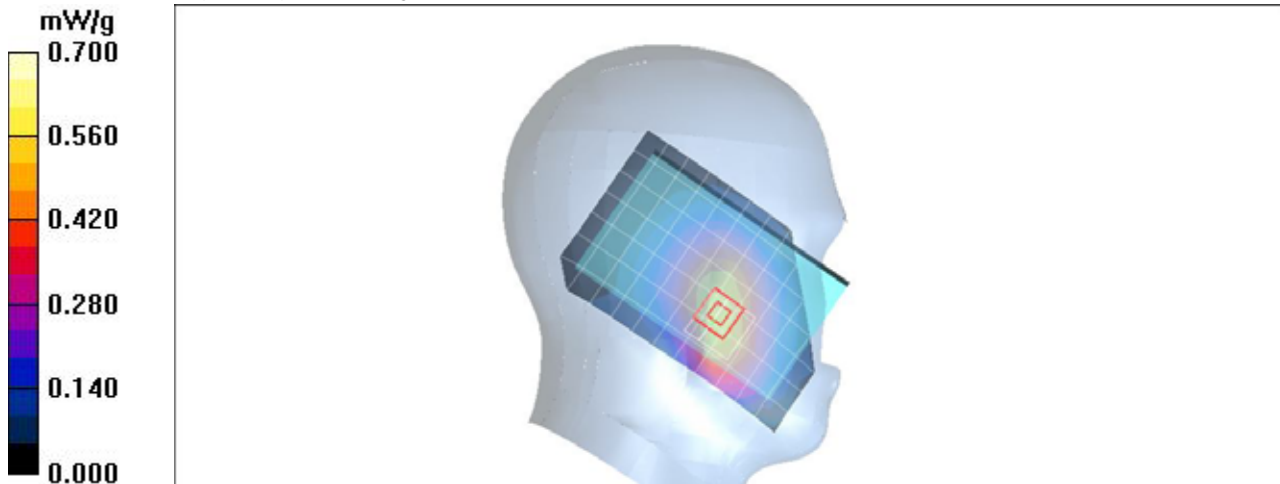
Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.503 mW/g

### Left Cheek Middle CH190/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 12.6 V/m; Power Drift = -0.118 dB  
Peak SAR (extrapolated) = 0.551 W/kg  
**SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.332 mW/g**  
Maximum value of SAR (measured) = 0.484 mW/g

### Left Cheek Middle CH190/Z Scan (1x1x11):

Measurement grid: dx=20mm, dy=20mm, dz=10mm  
Maximum value of SAR (measured) = 0.465 mW/g



# SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



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## GSM 835 -Left Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.923$  mho/m;  $\epsilon_r = 42.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.61, 7.61, 7.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Left Tilted Middle CH190/Area Scan (8x10x1):

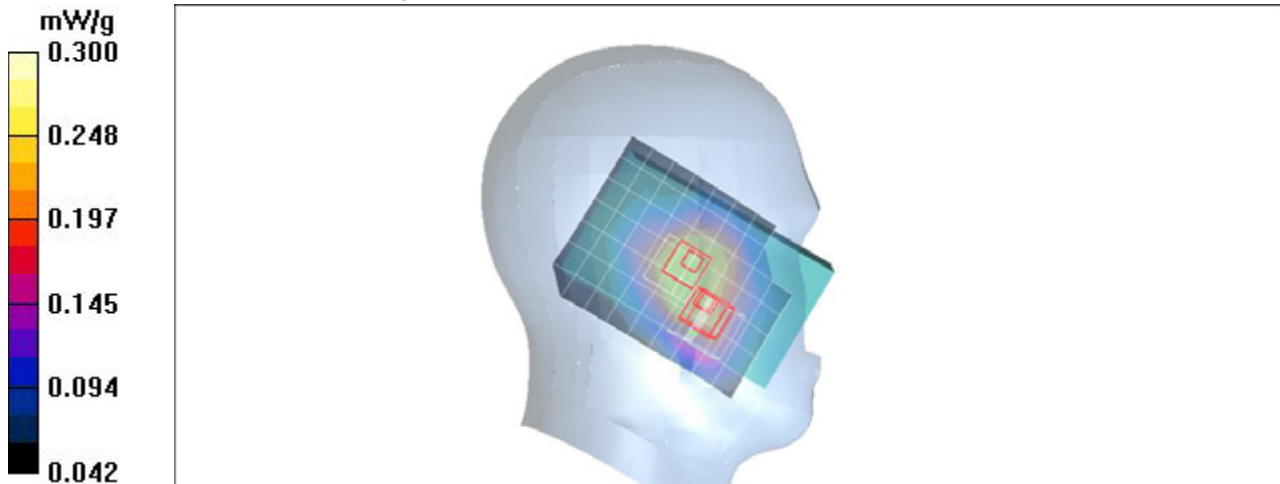
Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.240 mW/g

### Left Tilted Middle CH190/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 11.8 V/m; Power Drift = -0.051 dB  
Peak SAR (extrapolated) = 0.282 W/kg  
**SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.155 mW/g**  
Maximum value of SAR (measured) = 0.242 mW/g

### Left Tilted Middle CH190/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 11.8 V/m; Power Drift = -0.051 dB  
Peak SAR (extrapolated) = 0.322 W/kg  
**SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.143 mW/g**  
Maximum value of SAR (measured) = 0.234 mW/g



Test Laboratory: Compliance Certification Services Inc.

## GSM 835 -Right Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.923$  mho/m;  $\epsilon_r = 42.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

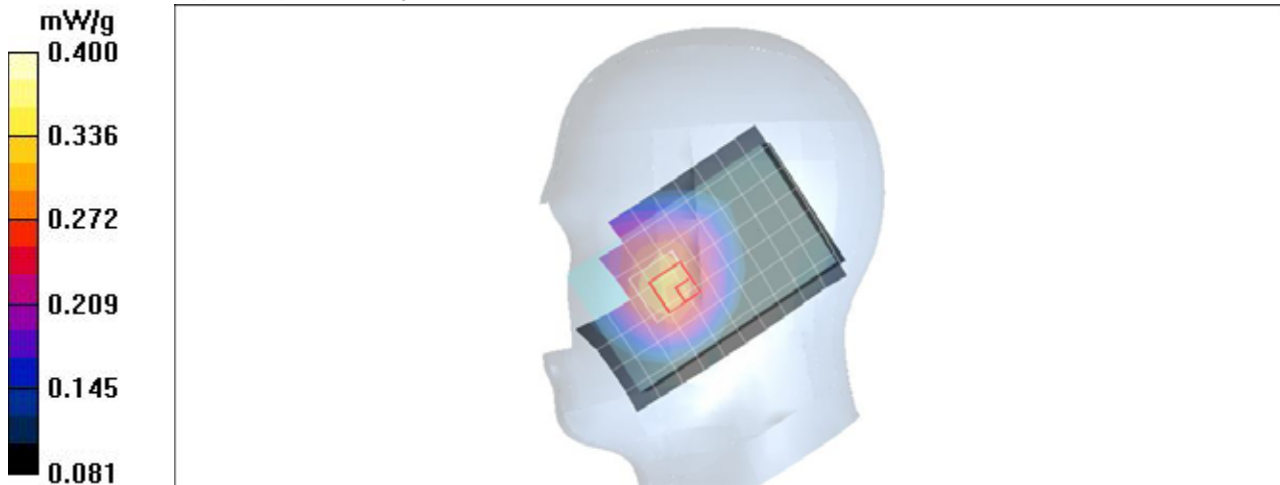
- Probe: EX3DV4 - SN3554; ConvF(7.61, 7.61, 7.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Right Cheek Middle CH190/Area Scan (8x11x1):

Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.301 mW/g

### Right Cheek Middle CH190/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 8.98 V/m; Power Drift = -0.062 dB  
Peak SAR (extrapolated) = 0.351 W/kg  
SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.227 mW/g  
Maximum value of SAR (measured) = 0.332 mW/g



Test Laboratory: Compliance Certification Services Inc.

## GSM 835 -Right Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: GSM 850; Frequency: 897.4 MHz; Duty Cycle: 1:8  
Medium parameters used (interpolated):  $f = 897.4$  MHz;  $\sigma = 0.979$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.61, 7.61, 7.61);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Right Tilted Middle CH190/Area Scan (8x11x1):

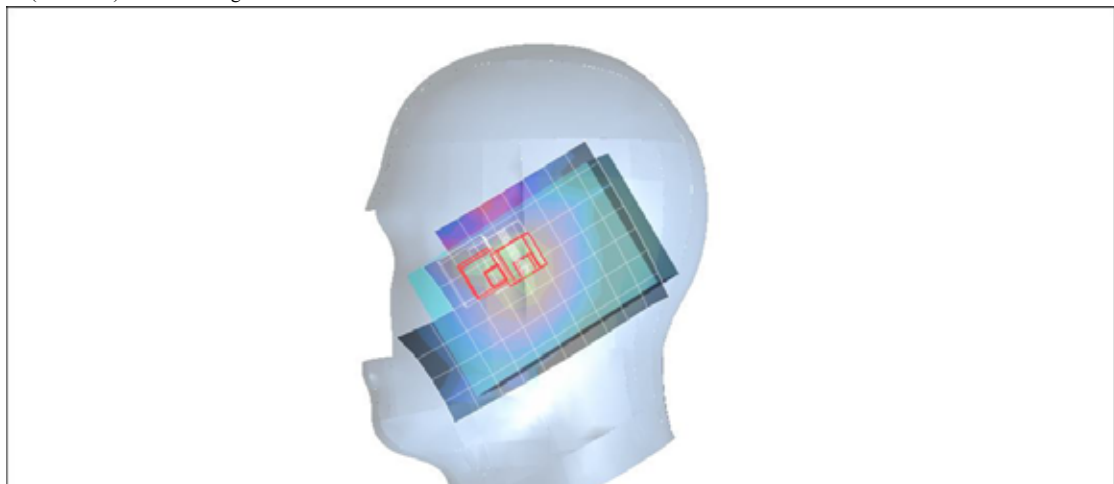
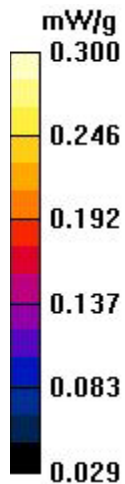
Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.218 mW/g

### Right Tilted Middle CH190/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 13.0 V/m; Power Drift = -0.137 dB  
Peak SAR (extrapolated) = 0.277 W/kg  
**SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.149 mW/g**  
Maximum value of SAR (measured) = 0.254 mW/g

### Right Tilted Middle CH190/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 13.0 V/m; Power Drift = -0.137 dB  
Peak SAR (extrapolated) = 0.243 W/kg  
**SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.118 mW/g**  
Maximum value of SAR (measured) = 0.237 mW/g



Test Laboratory: Compliance Certification Services Inc.

## GSM 1900 -Left Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8  
Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.73, 6.73, 6.73);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Left Cheek Low CH512/Area Scan (8x11x1):

Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.134 mW/g

### Left Cheek Low CH512/Zoom Scan (7x7x9)/Cube 0:

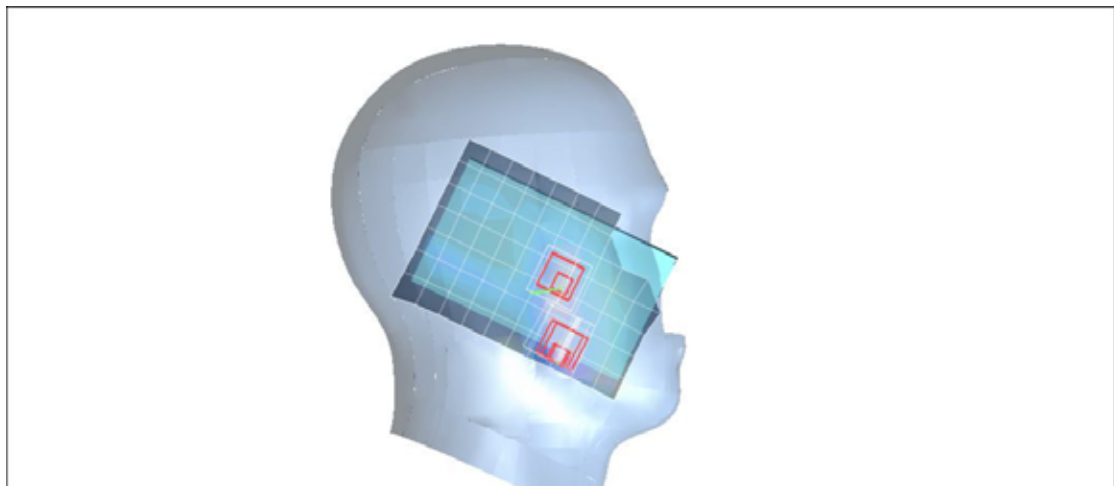
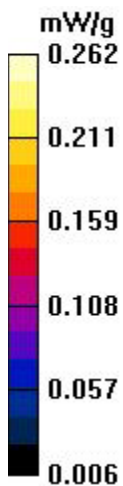
Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 8.33 V/m; Power Drift = -0.119 dB  
Peak SAR (extrapolated) = 0.366 W/kg  
**SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.082 mW/g**  
Maximum value of SAR (measured) = 0.262 mW/g

### Left Cheek Low CH512/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 8.33 V/m; Power Drift = -0.119 dB  
Peak SAR (extrapolated) = 0.209 W/kg  
**SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.056 mW/g**  
Maximum value of SAR (measured) = 0.183 mW/g

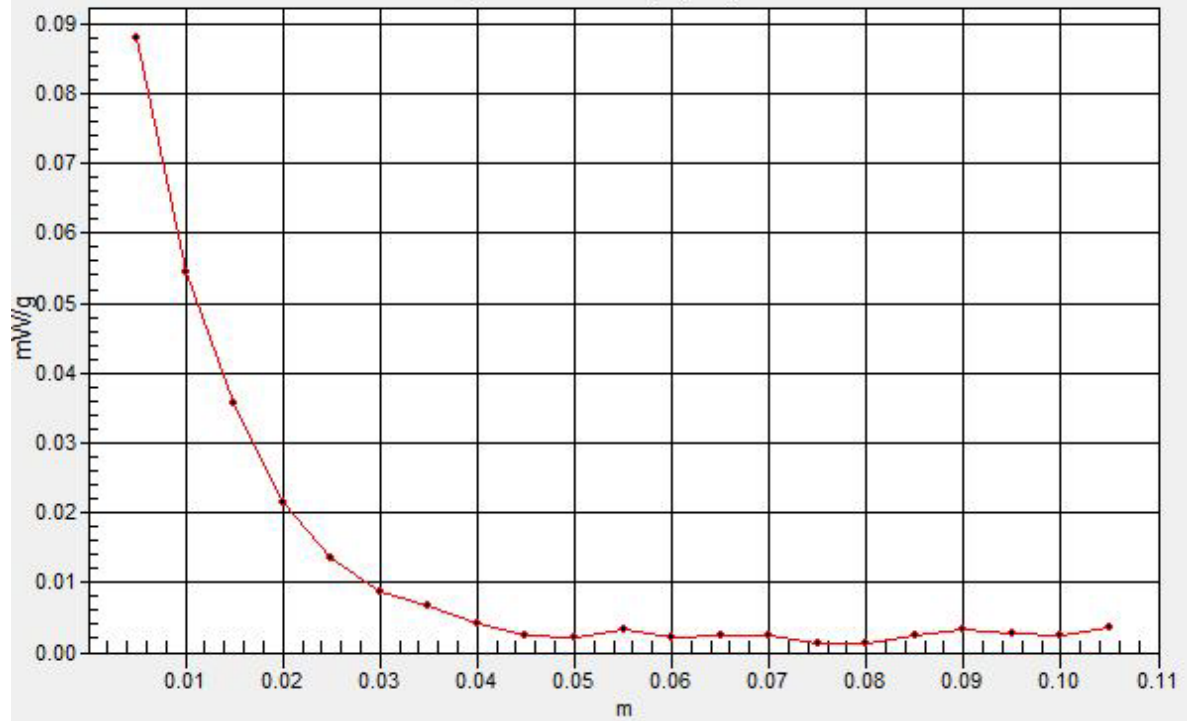
### Left Cheek Low CH512/Z Scan (1x1x21):

Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.088 mW/g



# SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



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## GSM 1900 -Left Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8  
Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.73, 6.73, 6.73);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

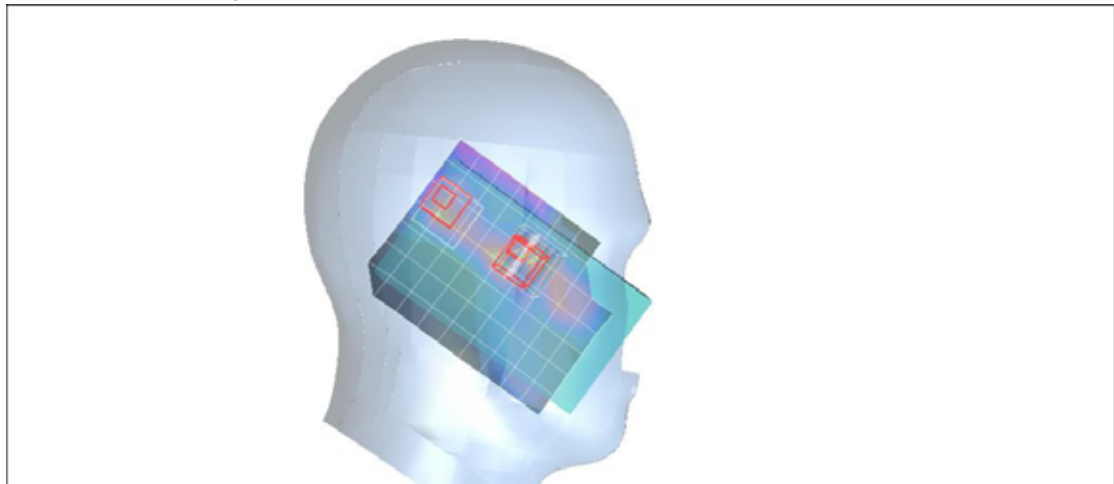
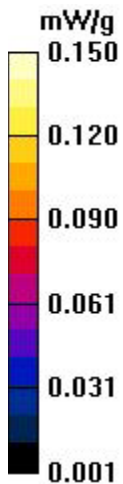
**Left Tilted Low CH512/Area Scan (8x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.111 mW/g

### Left Tilted Low CH512/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 6.91 V/m; Power Drift = -0.137 dB  
Peak SAR (extrapolated) = 0.201 W/kg  
**SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.038 mW/g**  
Maximum value of SAR (measured) = 0.189 mW/g

### Left Tilted Low CH512/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 6.91 V/m; Power Drift = -0.137 dB  
Peak SAR (extrapolated) = 0.224 W/kg  
**SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.040 mW/g**  
Maximum value of SAR (measured) = 0.199 mW/g





Test Laboratory: Compliance Certification Services Inc.

## GSM 1900 -Right Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8  
Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.73, 6.73, 6.73);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Right Cheek Low CH512/Area Scan (8x11x1):

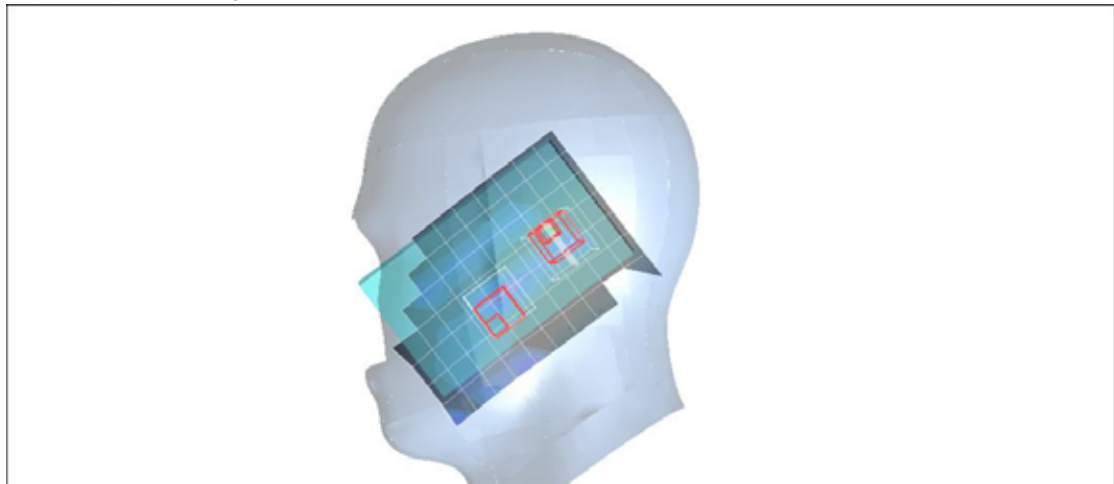
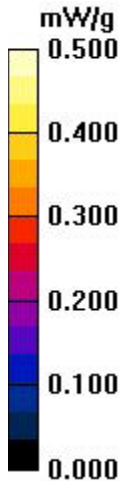
Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.178 mW/g

### Right Cheek Low CH512/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 2.23 V/m; Power Drift = -0.122 dB  
Peak SAR (extrapolated) = 0.347 W/kg  
**SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.030 mW/g**  
Maximum value of SAR (measured) = 0.197 mW/g

### Right Cheek Low CH512/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 2.23 V/m; Power Drift = -0.122 dB  
Peak SAR (extrapolated) = 0.076 W/kg  
**SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.022 mW/g**  
Maximum value of SAR (measured) = 0.061 mW/g



Test Laboratory: Compliance Certification Services Inc.

## GSM 1900 -Right Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8  
Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.73, 6.73, 6.73);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Right Tilted Low CH512/Area Scan (8x10x1):

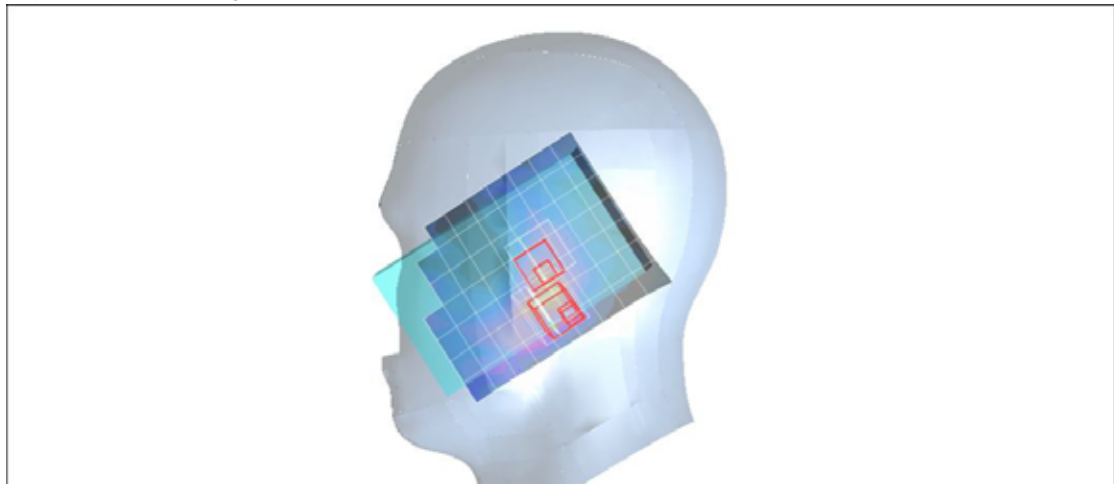
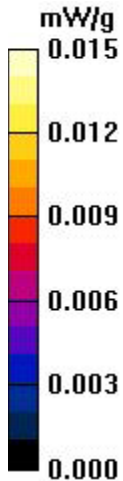
Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.010 mW/g

### Right Tilted Low CH512/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 1.80 V/m; Power Drift = -0.092 dB  
Peak SAR (extrapolated) = 0.231 W/kg  
**SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.024 mW/g**  
Maximum value of SAR (measured) = 0.189 mW/g

### Right Tilted Low CH512/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 1.80 V/m; Power Drift = -0.092 dB  
Peak SAR (extrapolated) = 0.244 W/kg  
**SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.014 mW/g**  
Maximum value of SAR (measured) = 0.185 mW/g



Test Laboratory: Compliance Certification Services Inc.

## WCDMA band V -Left Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: WCDMA Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 42.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.6, 7.6, 7.6);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Left Cheek High CH4233/Area Scan (8x11x1):

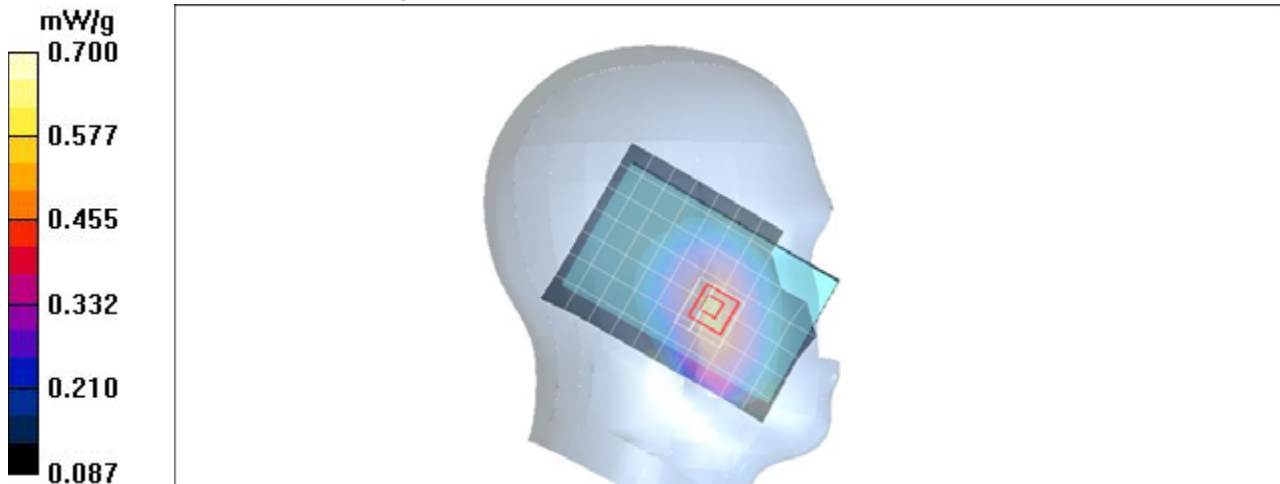
Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.477 mW/g

### Left Cheek High CH4233/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 11.6 V/m; Power Drift = -0.024 dB  
Peak SAR (extrapolated) = 0.529 W/kg  
SAR(1 g) = **0.415 mW/g**; SAR(10 g) = **0.323 mW/g**  
Maximum value of SAR (measured) = 0.472 mW/g

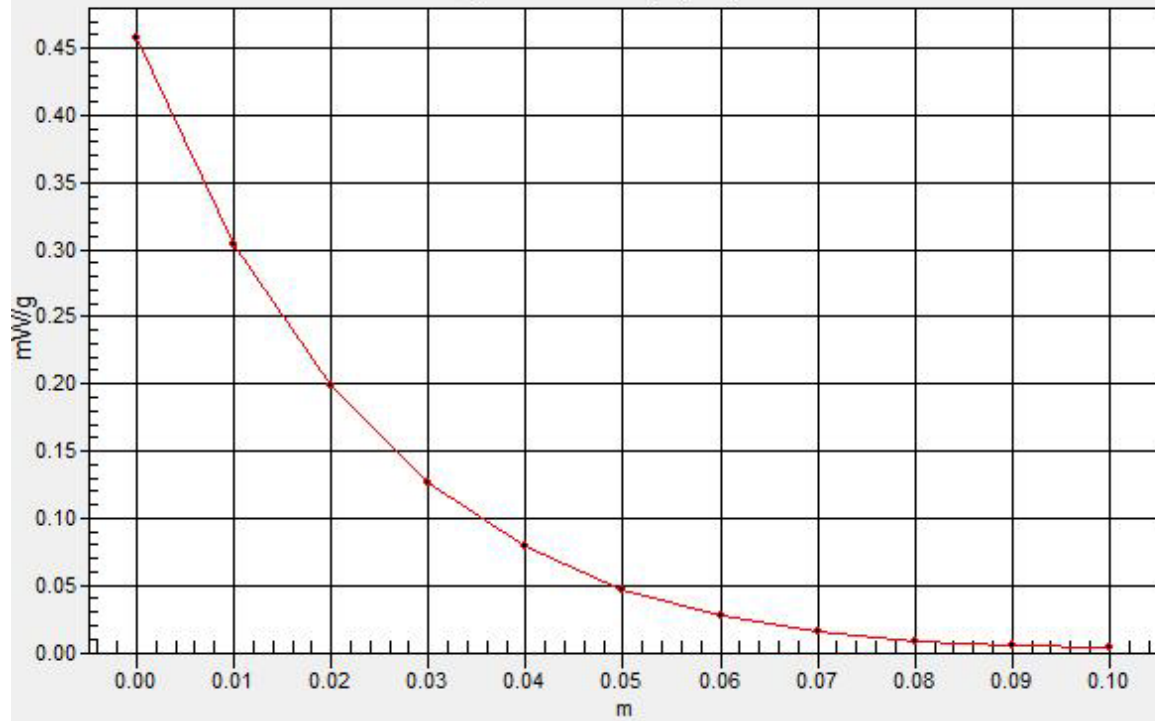
### Left Cheek High CH4233/Z Scan (1x1x11):

Measurement grid: dx=20mm, dy=20mm, dz=10mm  
Maximum value of SAR (measured) = 0.458 mW/g



# SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



Test Laboratory: Compliance Certification Services Inc.

## WCDMA band V -Left Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: WCDMA Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 42.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

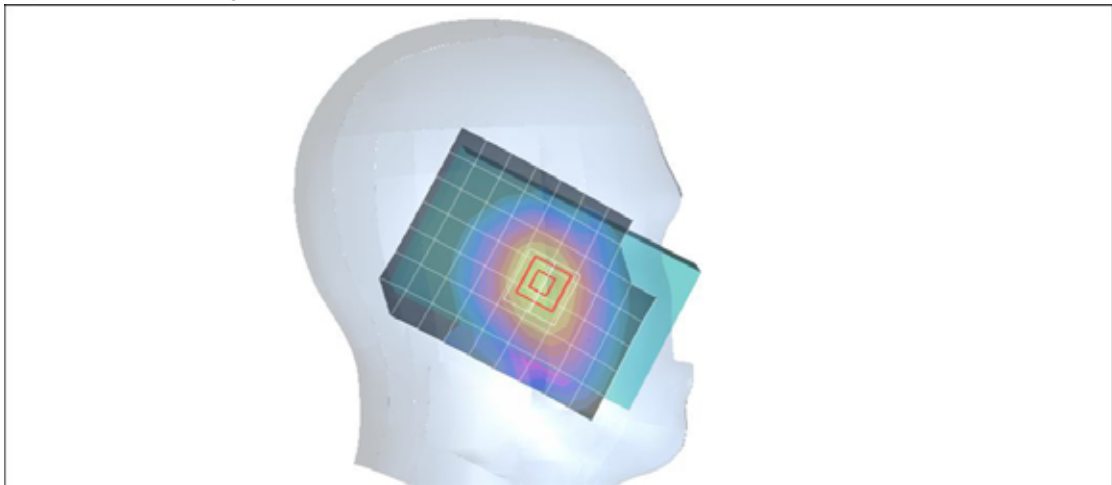
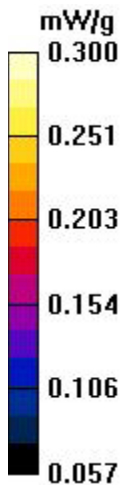
- Probe: EX3DV4 - SN3554; ConvF(7.6, 7.6, 7.6);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Left Tilted High CH4233/Area Scan (8x10x1):

Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.251 mW/g

### Left Tilted High CH4233/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 13.2 V/m; Power Drift = -0.112 dB  
Peak SAR (extrapolated) = 0.290 W/kg  
SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.179 mW/g  
Maximum value of SAR (measured) = 0.258 mW/g



Test Laboratory: Compliance Certification Services Inc.

## WCDMA band V -Right Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: WCDMA Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 42.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

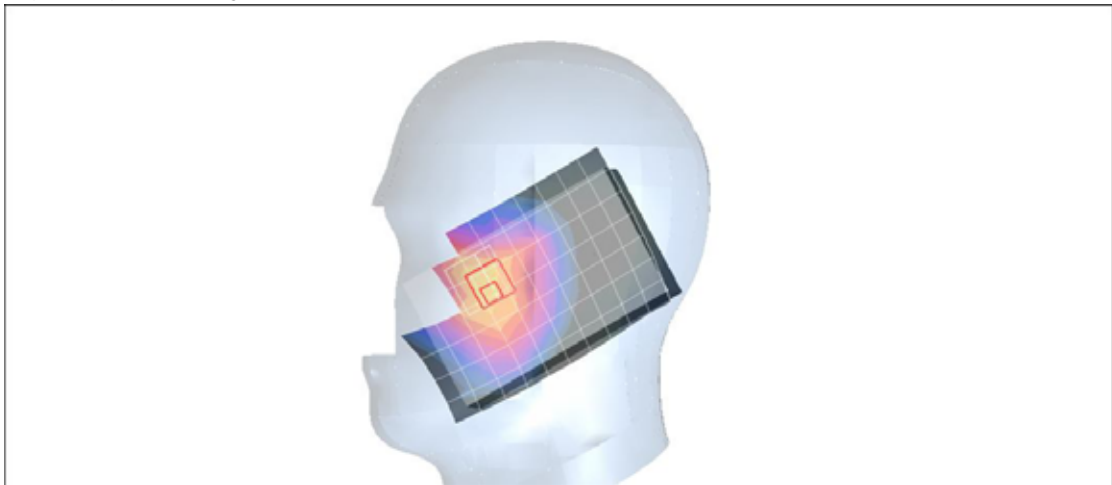
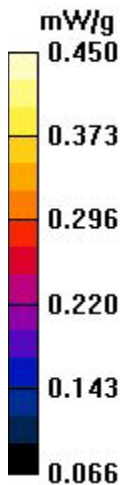
- Probe: EX3DV4 - SN3554; ConvF(7.6, 7.6, 7.6);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Right Cheek High CH4233/Area Scan (8x11x1):

Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.349 mW/g

### Right Cheek High CH4233/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 8.60 V/m; Power Drift = -0.109 dB  
Peak SAR (extrapolated) = 0.409 W/kg  
**SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.235 mW/g**  
Maximum value of SAR (measured) = 0.364 mW/g



Test Laboratory: Compliance Certification Services Inc.

## WCDMA band V -Right Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: WCDMA Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 42.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.6, 7.6, 7.6);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Right Tilted High CH4233/Area Scan (8x11x1):

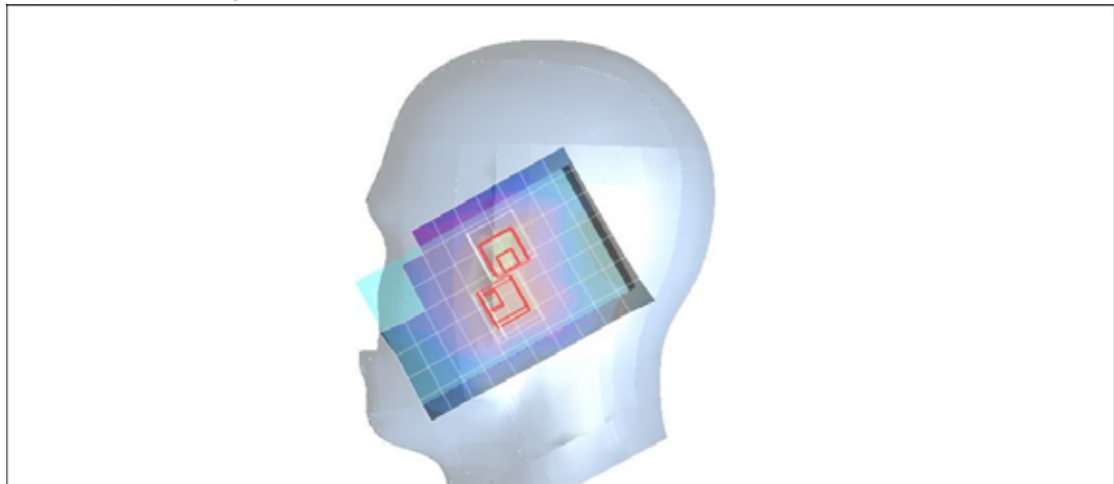
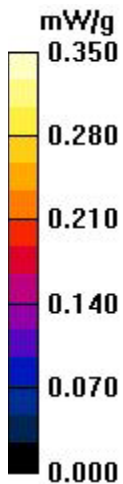
Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.234 mW/g

### Right Tilted High CH4233/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 13.7 V/m; Power Drift = -0.076 dB  
Peak SAR (extrapolated) = 0.269 W/kg  
**SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.139 mW/g**  
Maximum value of SAR (measured) = 0.249 mW/g

### Right Tilted High CH4233/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 13.7 V/m; Power Drift = -0.076 dB  
Peak SAR (extrapolated) = 0.303 W/kg  
**SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.143 mW/g**  
Maximum value of SAR (measured) = 0.236 mW/g



Test Laboratory: Compliance Certification Services Inc.

## WCDMA band II -Left Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: WCDMA Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.73, 6.73, 6.73);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

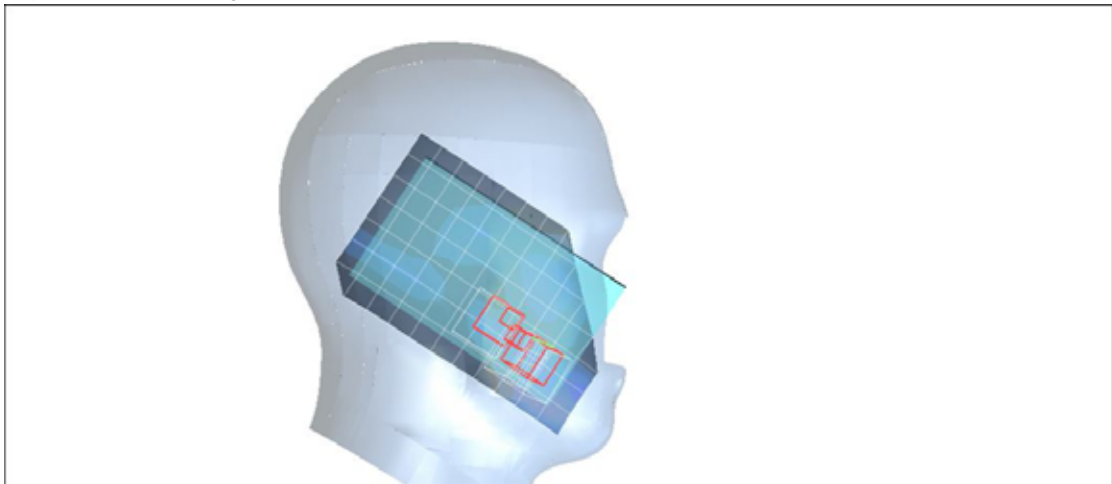
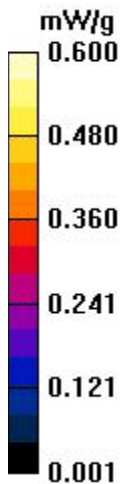
**Left Cheek High CH9538/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.157 mW/g

### Left Cheek High CH9538/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 3.61 V/m; Power Drift = -0.159 dB  
Peak SAR (extrapolated) = 0.076 W/kg  
**SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.019 mW/g**  
Maximum value of SAR (measured) = 0.063 mW/g

### Left Cheek High CH9538/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 3.61 V/m; Power Drift = -0.159 dB  
Peak SAR (extrapolated) = 0.192 W/kg  
**SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.051 mW/g**  
Maximum value of SAR (measured) = 0.063 mW/g





Test Laboratory: Compliance Certification Services Inc.

## WCDMA band II -Left Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: WCDMA Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.73, 6.73, 6.73);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

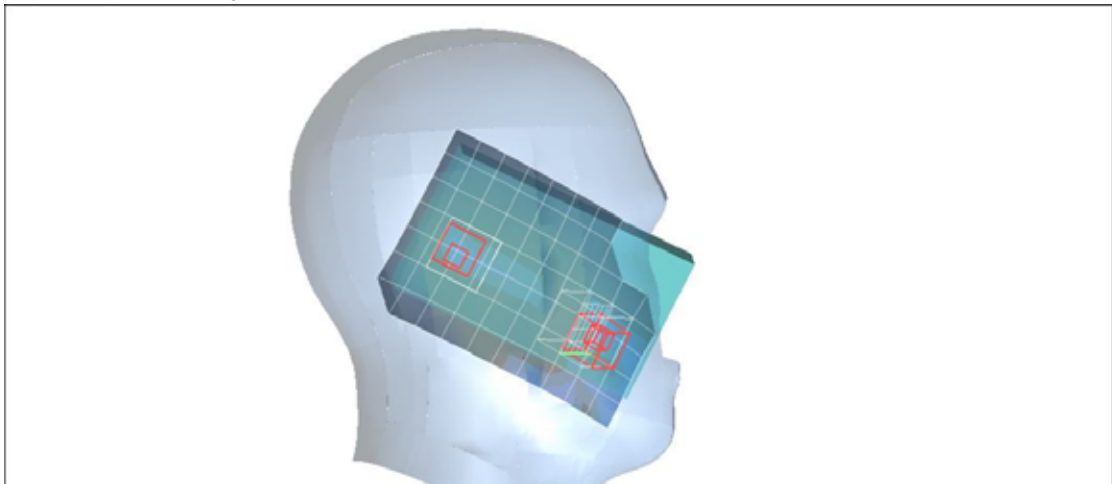
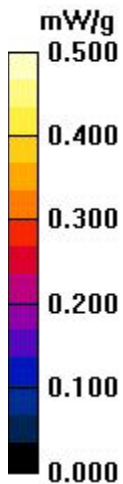
**Left Tilted High CH9538/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.123 mW/g

### Left Tilted High CH9538/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 7.72 V/m; Power Drift = -0.163 dB  
Peak SAR (extrapolated) = 0.207 W/kg  
**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.048 mW/g**  
Maximum value of SAR (measured) = 0.131 mW/g

### Left Tilted High CH9538/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 7.72 V/m; Power Drift = -0.163 dB  
Peak SAR (extrapolated) = 0.252 W/kg  
**SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.036 mW/g**  
Maximum value of SAR (measured) = 0.159 mW/g



Test Laboratory: Compliance Certification Services Inc.

## WCDMA band II -Right Head TNJ32

DUT: TNJ32; Type: PDA; Serial: n/a

Communication System: WCDMA Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section  
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

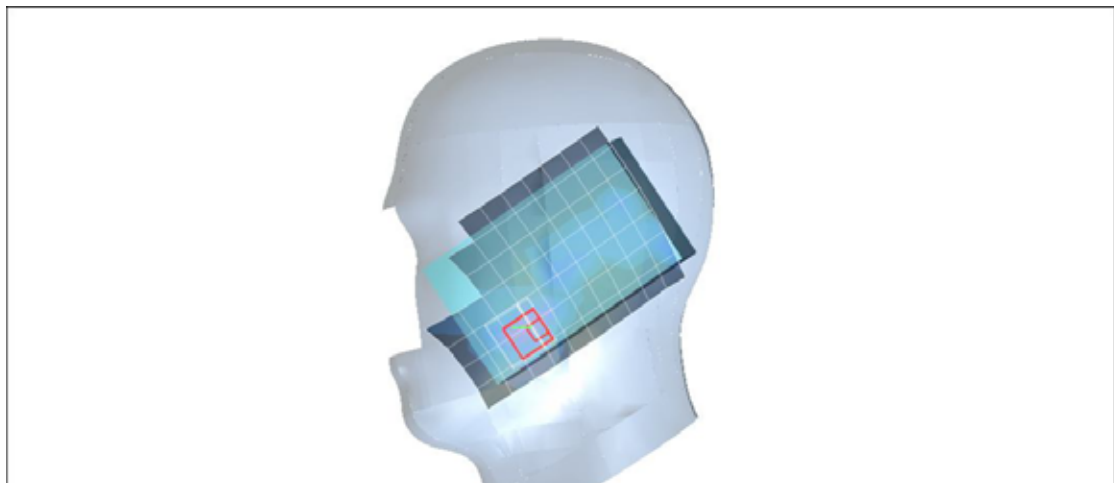
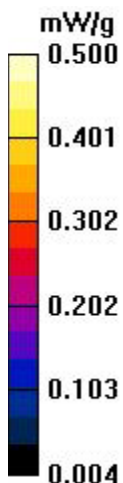
- Probe: EX3DV4 - SN3554; ConvF(6.73, 6.73, 6.73); Calibrated: 2010/9/22
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DAS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Right Cheek High CH9538/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.190 mW/g

### Right Cheek High CH9538/Zoom Scan (7x7x9)/Cube 0:

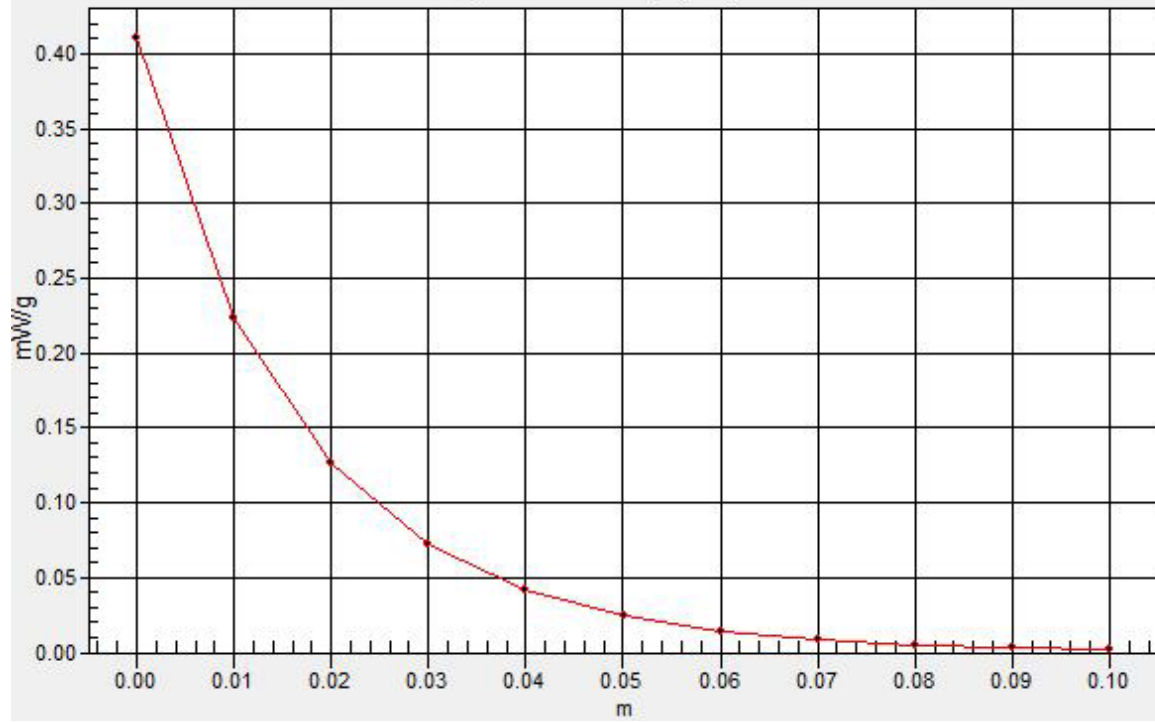
Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 9.25 V/m; Power Drift = -0.148 dB  
Peak SAR (extrapolated) = 0.301 W/kg  
**SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.098 mW/g**  
Maximum value of SAR (measured) = 0.228 mW/g

**Right Cheek High CH9538/Z Scan (1x1x11):** Measurement grid: dx=20mm, dy=20mm, dz=10mm  
Maximum value of SAR (measured) = 0.253 mW/g



# SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



Test Laboratory: Compliance Certification Services Inc.

## WCDMA band II -Right Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: WCDMA Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.73, 6.73, 6.73);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

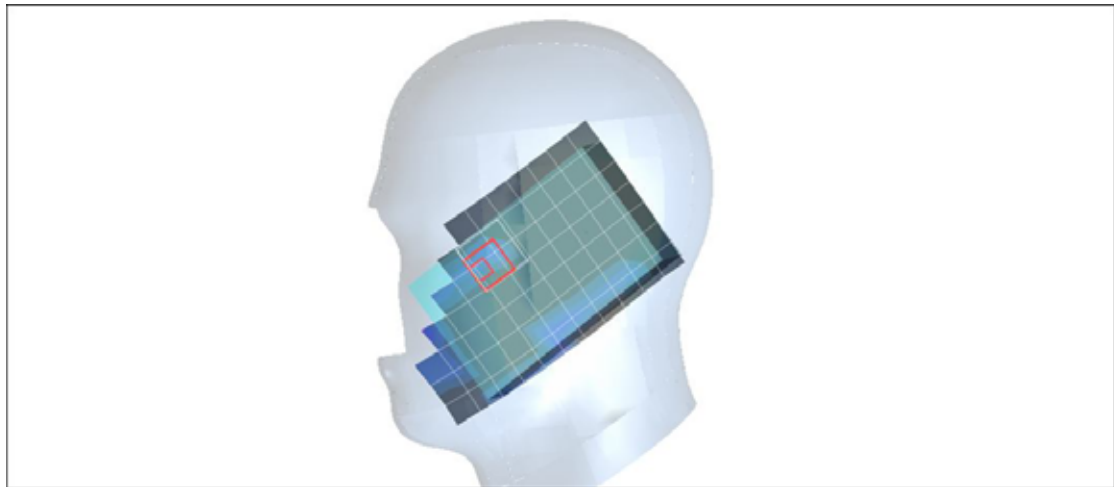
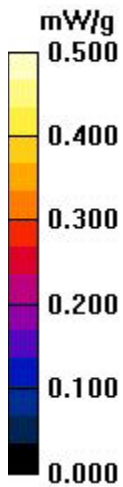
### Right Tilted High CH9538/Area Scan (8x12x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.150 mW/g

### Right Tilted High CH9538/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 3.02 V/m; Power Drift = -0.085 dB  
Peak SAR (extrapolated) = 0.175 W/kg  
SAR(1 g) = **0.105 mW/g**; SAR(10 g) = **0.041 mW/g**  
Maximum value of SAR (measured) = 0.148 mW/g



Test Laboratory: Compliance Certification Services Inc.

## WCDMA band IV -Left Head TNJ31

**DUT: TNJ31; Type: PDA; Serial: n/a**

Communication System: WCDMA band IV; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.32$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.08, 7.08, 7.08);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

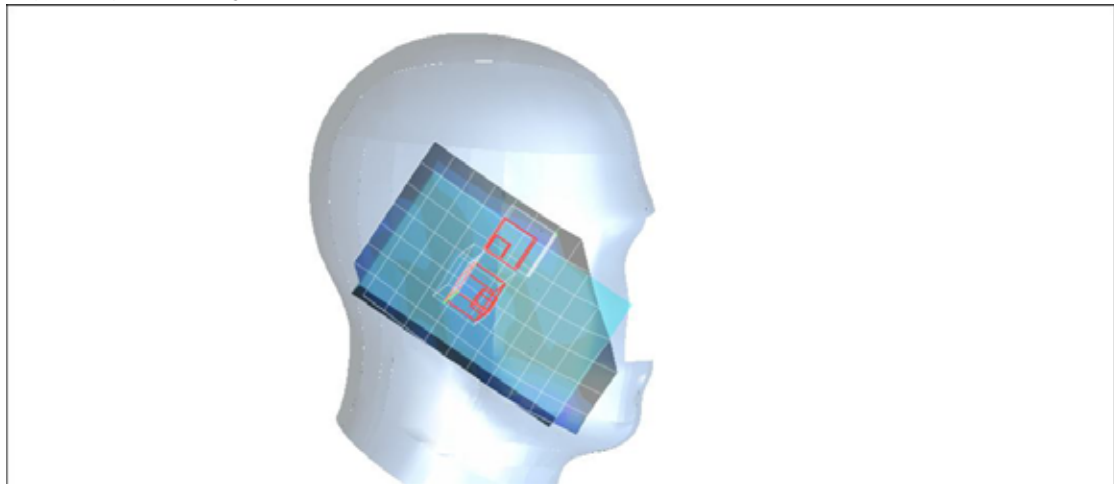
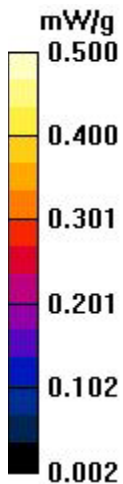
**Left Cheek High CH1513/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.132 mW/g

### Left Cheek High CH1513/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 7.98 V/m; Power Drift = -0.137 dB  
Peak SAR (extrapolated) = 0.133 W/kg  
**SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.030 mW/g**  
Maximum value of SAR (measured) = 0.133 mW/g

### Left Cheek High CH1513/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 7.98 V/m; Power Drift = -0.137 dB  
Peak SAR (extrapolated) = 0.195 W/kg  
**SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.019 mW/g**  
Maximum value of SAR (measured) = 0.152 mW/g



Test Laboratory: Compliance Certification Services Inc.

## WCDMA band IV -Left Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: WCDMA band IV; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.32$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.08, 7.08, 7.08);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

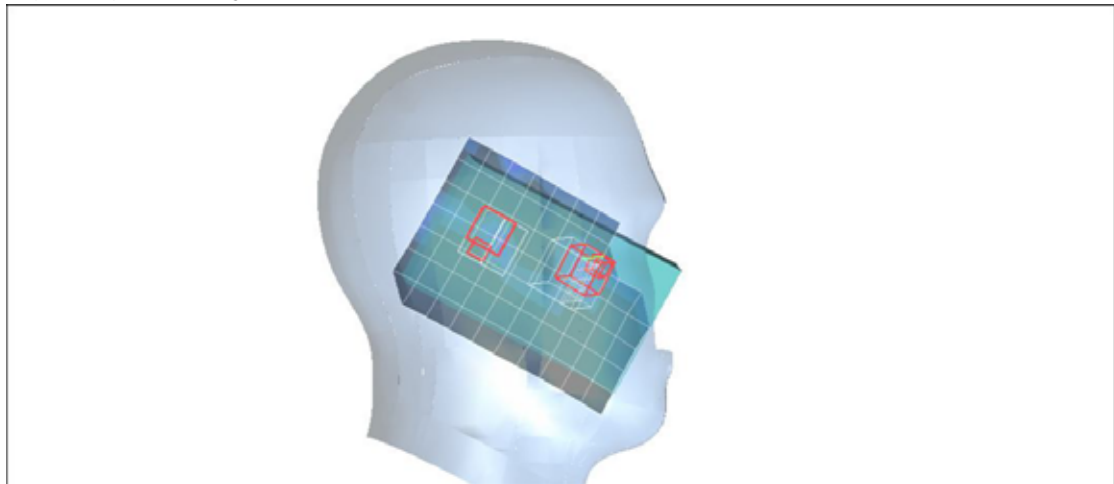
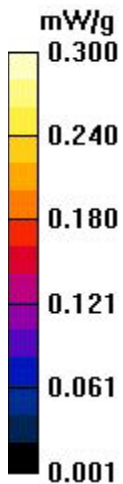
**Left Tilted High CH1513/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.093 mW/g

### Left Tilted High CH1513/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 3.27 V/m; Power Drift = -0.165 dB  
Peak SAR (extrapolated) = 0.081 W/kg  
**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.014 mW/g**  
Maximum value of SAR (measured) = 0.075 mW/g

### Left Tilted High CH1513/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 3.27 V/m; Power Drift = -0.165 dB  
Peak SAR (extrapolated) = 0.167 W/kg  
**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.048 mW/g**  
Maximum value of SAR (measured) = 0.160 mW/g



Test Laboratory: Compliance Certification Services Inc.

## WCDMA band IV -Right Head TNJ32

**DUT: TNJ31; Type: PDA; Serial: n/a**

Communication System: WCDMA band IV; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.32$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.08, 7.08, 7.08);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Right Cheek High CH1513/Area Scan (8x11x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.122 mW/g

### Right Cheek High CH1513/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.02 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = **0.091 mW/g**; SAR(10 g) = **0.040 mW/g**

Maximum value of SAR (measured) = 0.154 mW/g

### Right Cheek High CH1513/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.02 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.225 W/kg

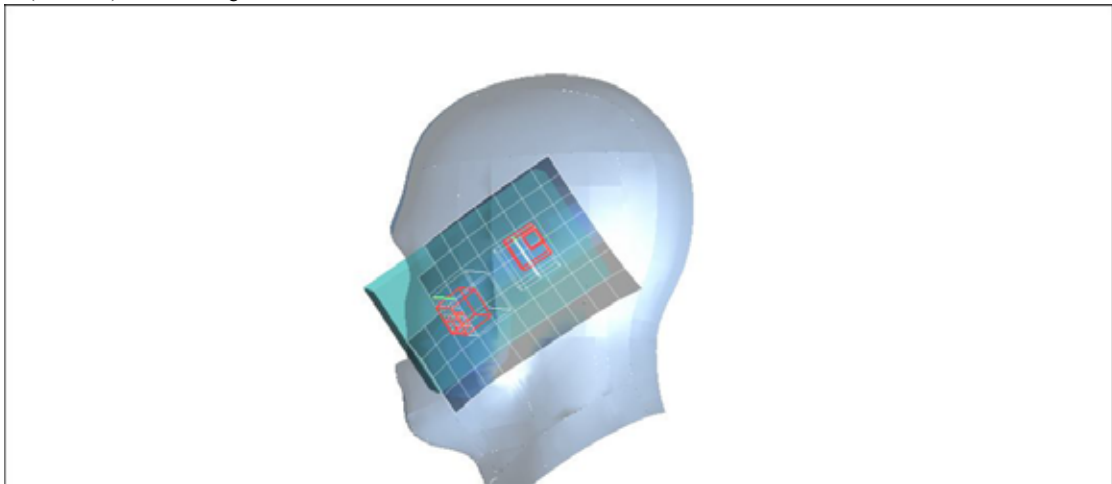
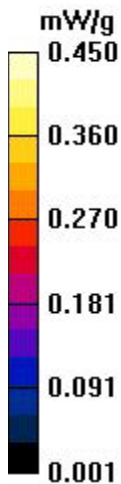
SAR(1 g) = **0.037 mW/g**; SAR(10 g) = **0.015 mW/g**

Maximum value of SAR (measured) = 0.137 mW/g

### Right Cheek High CH1513/Z Scan (1x1x11):

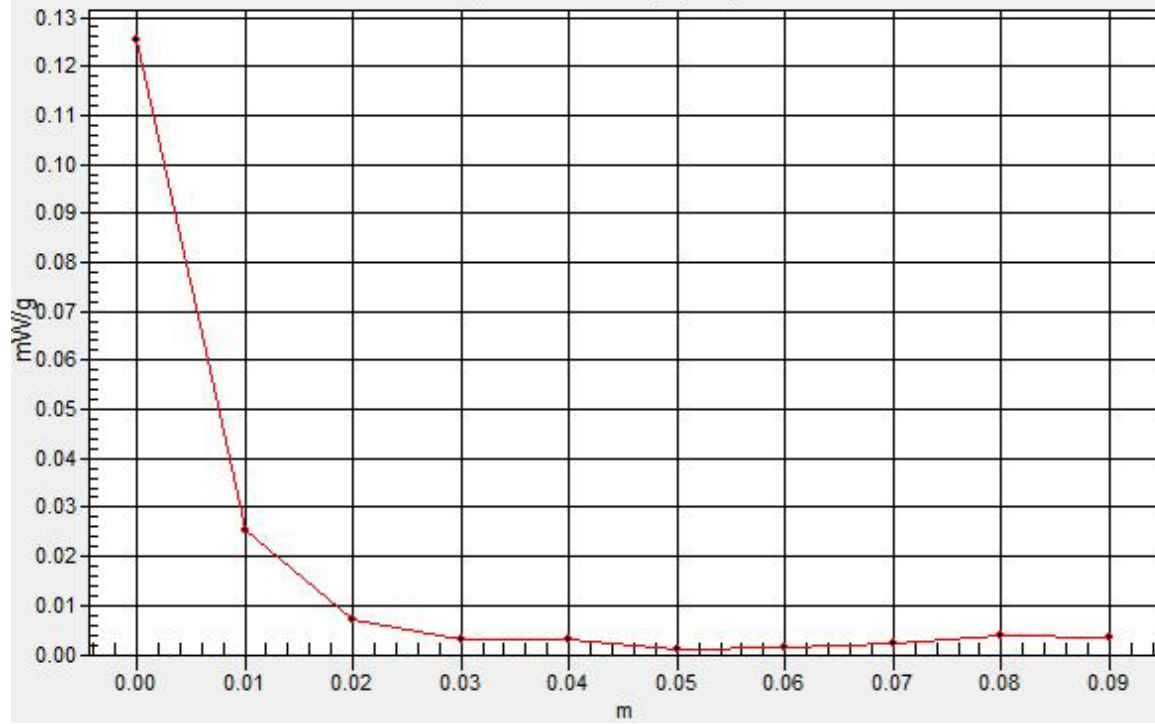
Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.205 mW/g



# SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0





Test Laboratory: Compliance Certification Services Inc.

## WCDMA band IV -Right Head TNJ32

**DUT: TNJ32; Type: PDA; Serial: n/a**

Communication System: WCDMA band IV; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.32$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.08, 7.08, 7.08);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Right Tilted High CH1513/Area Scan (8x12x1):

Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.086 mW/g

### Right Tilted High CH1513/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 3.26 V/m; Power Drift = -0.102 dB  
Peak SAR (extrapolated) = 0.183 W/kg  
**SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.020 mW/g**  
Maximum value of SAR (measured) = 0.134 mW/g

### Right Tilted High CH1513/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 3.26 V/m; Power Drift = -0.102 dB  
Peak SAR (extrapolated) = 0.180 W/kg  
**SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.023 mW/g**  
Maximum value of SAR (measured) = 0.148 mW/g

