

System Check_Head_835MHz

DUT: D835V2

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL_850 Medium parameters used: $f = 835$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5°C; Liquid Temperature : 22.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1663; ConvF(6.31, 6.31, 6.31); Calibrated: 11/17/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 10/25/2016
- Phantom: SAM_Front; Type: QD000P40CD; Serial: TP-1909
- Measurement SW: DASY4, V4.5 Build 19 ;Postprocessing SW: SEMCAD, V1.8 Build 145

CW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.40 mW/g

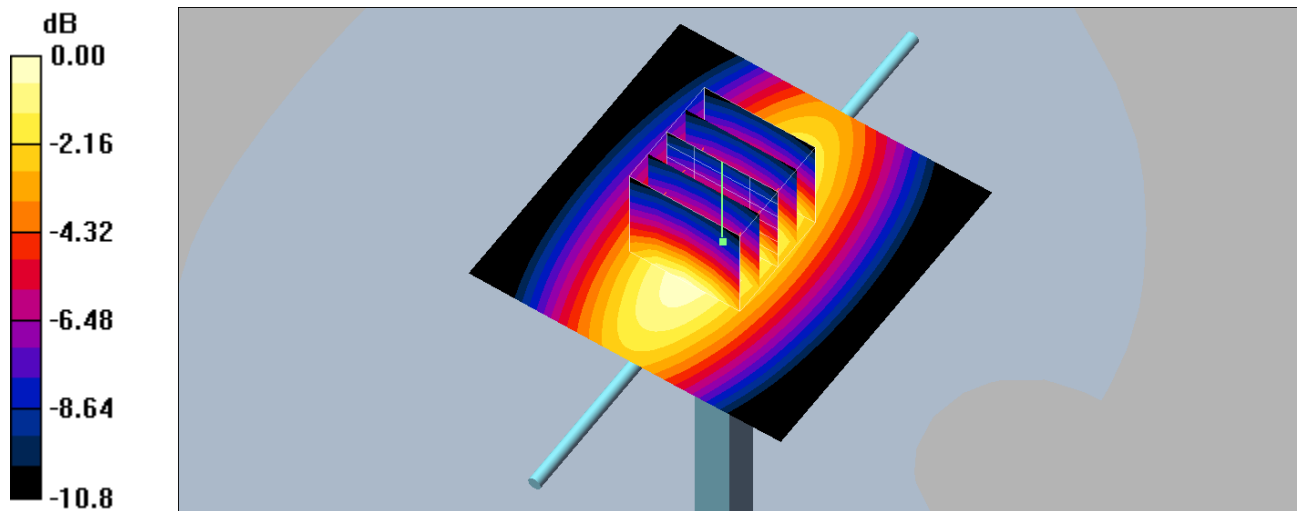
CW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.5 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 2.86 W/kg

SAR(1 g) = 2.44 mW/g; SAR(10 g) = 1.54 mW/g

Maximum value of SAR (measured) = 2.41 mW/g



0 dB = 2.41mW/g

System Check_Body_835MHz

DUT: D835V2

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: MSL_850 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5°C ; Liquid Temperature : 22.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1663; ConvF(6.39, 6.39, 6.39); Calibrated: 11/17/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 10/25/2016
- Phantom: SAM_Front; Type: QD000P40CD; Serial: TP-1909
- Measurement SW: DASY4, V4.5 Build 19 ;Postprocessing SW: SEMCAD, V1.8 Build 145

835/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 2.36 mW/g

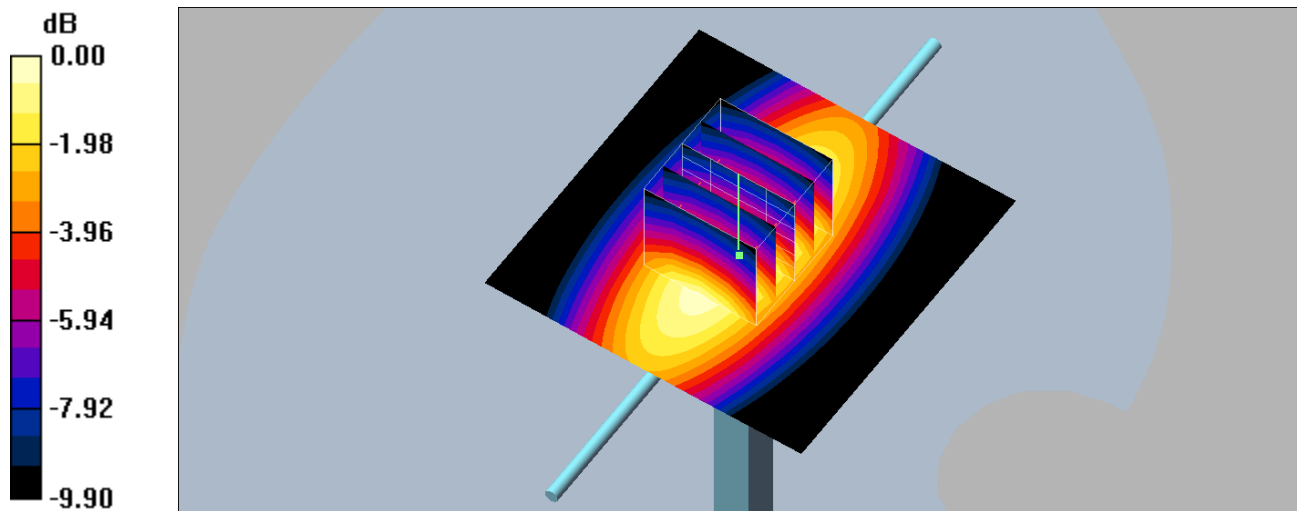
835/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 51.4 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.73 W/kg

SAR(1 g) = 2.36 mW/g ; SAR(10 g) = 1.64 mW/g

Maximum value of SAR (measured) = 2.36 mW/g



0 dB = 2.36mW/g

#01_CDMA2000 BC0_1xRTT RC3 SO55_Right Cheek_Ch384

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: HSL_850 Medium parameters used : $f = 836.52$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

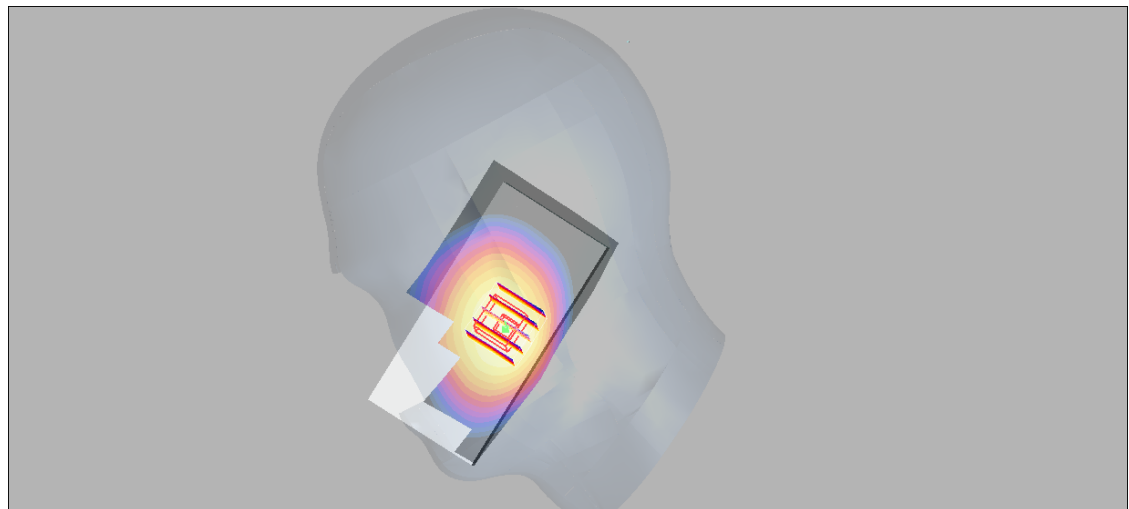
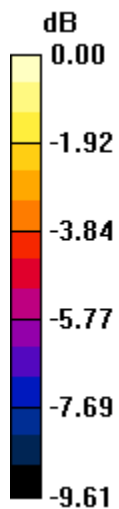
Ambient Temperature : 23.5°C; Liquid Temperature : 22.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1663; ConvF(6.31, 6.31, 6.31); Calibrated: 11/17/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 10/25/2016
- Phantom: SAM_Front; Type: QD000P40CD; Serial: TP-1909
- Measurement SW: DASY4, V4.5 Build 19 ;Postprocessing SW: SEMCAD, V1.8 Build 145

Ch384/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.321 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.05 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 0.385 W/kg
SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.238 mW/g
Maximum value of SAR (measured) = 0.322 mW/g



0 dB = 0.322mW/g

Test Laboratory: Bay Area Compliance Laboratories Corp (Kunshan)

#02_CDMA2000 BC0_1xRTT RC3 SO55_Right Titled_Ch384

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL_850 Medium parameters used : $f = 836.52$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

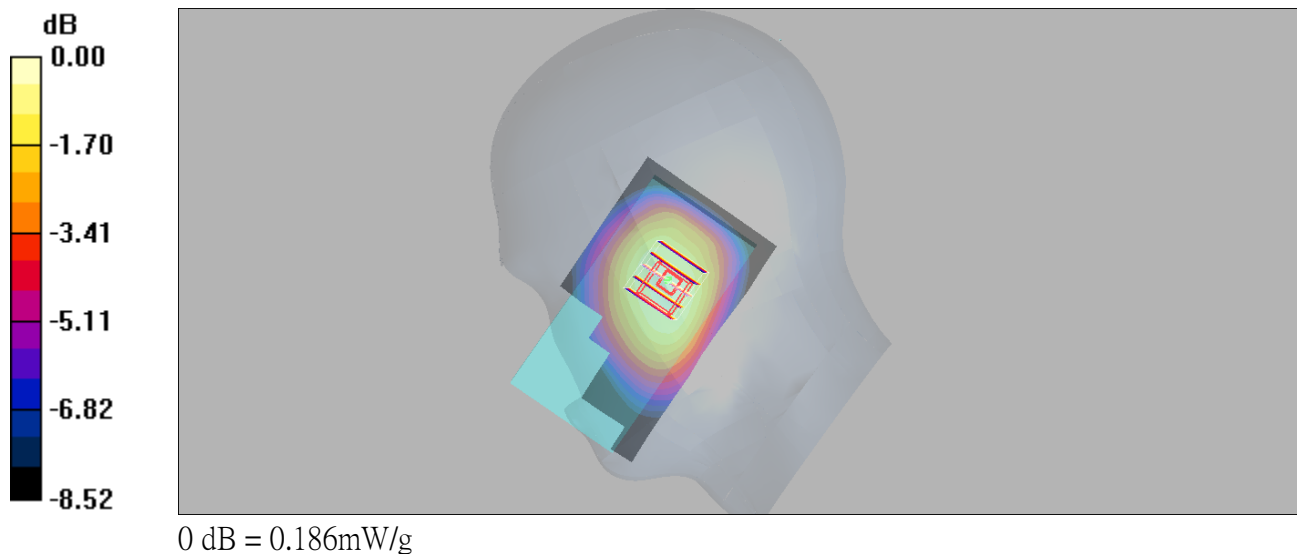
Ambient Temperature : 23.5°C; Liquid Temperature : 22.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1663; ConvF(6.31, 6.31, 6.31); Calibrated: 11/17/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 10/25/2016
- Phantom: SAM_Front; Type: QD000P40CD; Serial: TP-1909
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 145

Ch384/Area Scan (61x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.176 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 8.44 V/m; Power Drift = -0.166 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.137 mW/g
Maximum value of SAR (measured) = 0.186 mW/g



#03_CDMA2000 BC0_1xRTT RC3 SO55_Left Cheek_Ch384

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL_850 Medium parameters used : $f = 836.52$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

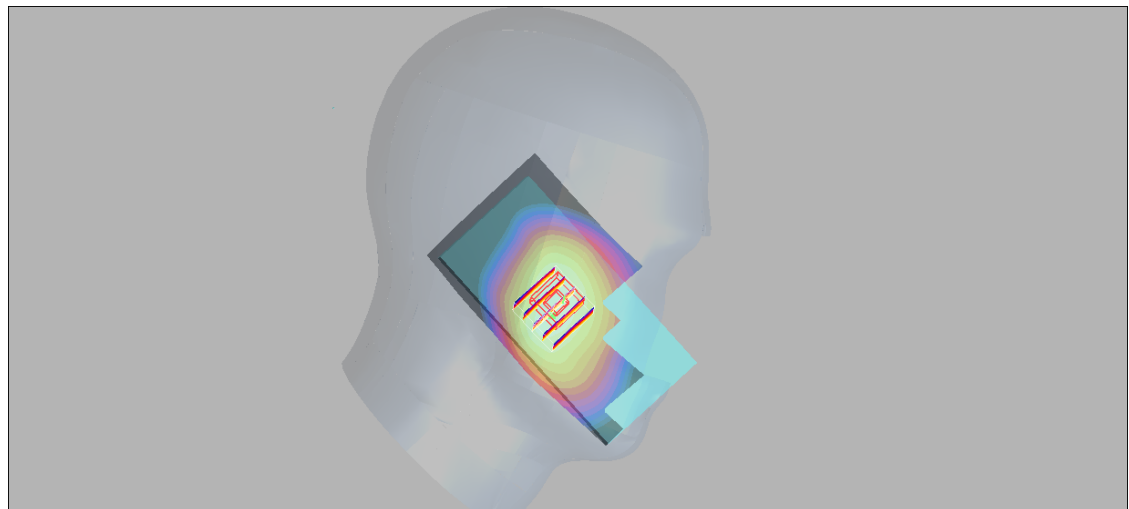
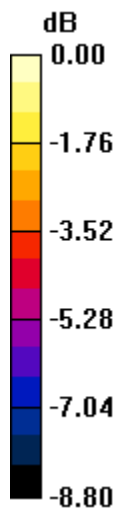
Ambient Temperature : 23.5°C; Liquid Temperature : 22.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1663; ConvF(6.31, 6.31, 6.31); Calibrated: 11/17/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 10/25/2016
- Phantom: SAM_Front; Type: QD000P40CD; Serial: TP-1909
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 145

Ch384/Area Scan (61x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.269 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 4.40 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 0.321 W/kg
SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.269 mW/g



0 dB = 0.269mW/g

#04_CDMA2000 BC0_1xRTT RC3 SO55_Left Tilted_Ch384

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL_850 Medium parameters used : $f = 836.52$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

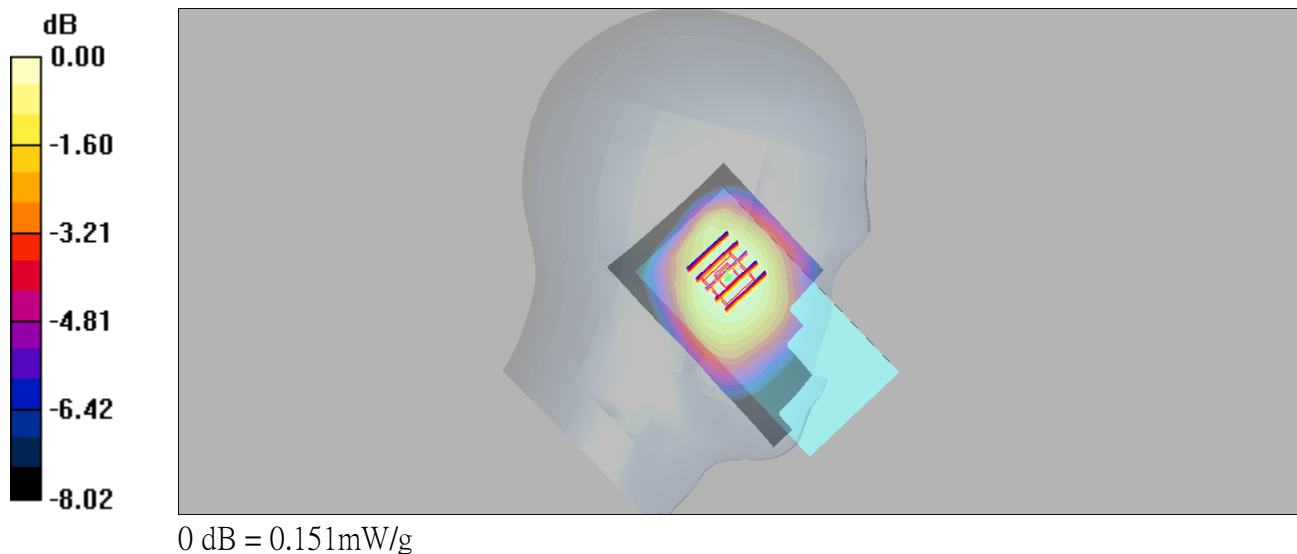
Ambient Temperature : 23.5°C; Liquid Temperature : 22.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1663; ConvF(6.31, 6.31, 6.31); Calibrated: 11/17/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 10/25/2016
- Phantom: SAM_Front; Type: QD000P40CD; Serial: TP-1909
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 145

Ch384/Area Scan (61x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.155 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 7.53 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.171 W/kg
SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.113 mW/g
Maximum value of SAR (measured) = 0.151 mW/g



#05_CDMA2000 BC0_1xRTT RC3 SO32_Back_10mm_Ch384

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: MSL_850 Medium parameters used : $f = 836.52 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56$; $\rho = 1000 \text{ kg/m}^3$

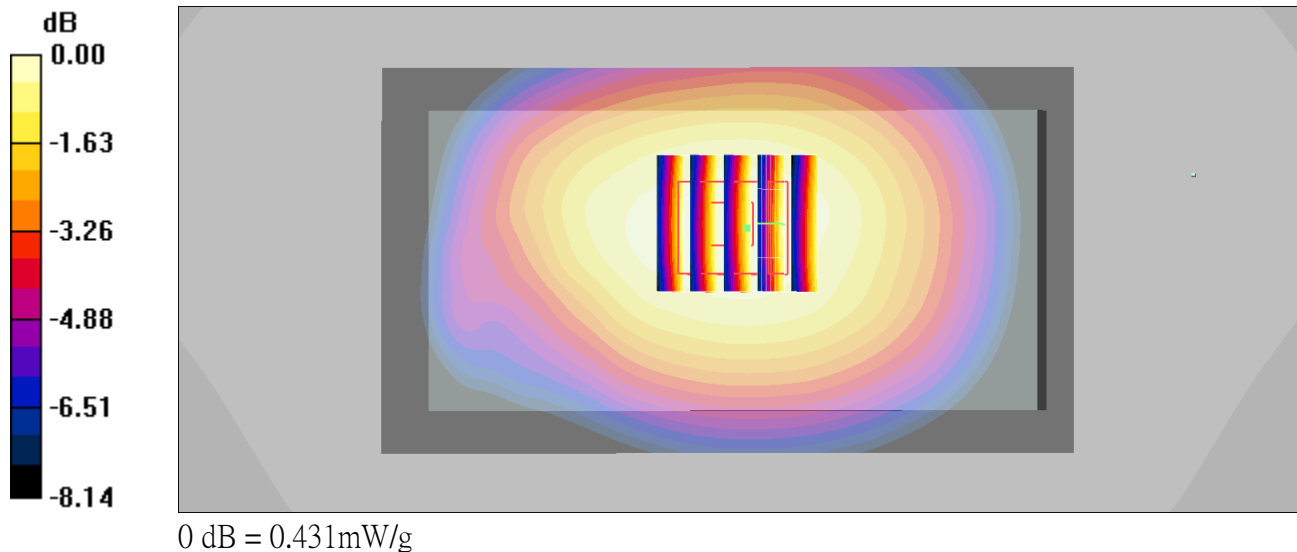
Ambient Temperature : 23.5°C ; Liquid Temperature : 22.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1663; ConvF(6.39, 6.39, 6.39); Calibrated: 11/17/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 10/25/2016
- Phantom: SAM_Front; Type: QD000P40CD; Serial: TP-1909
- Measurement SW: DASY4, V4.5 Build 19 ;Postprocessing SW: SEMCAD, V1.8 Build 145

Ch384/Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.421 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 21.4 V/m ; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 0.516 W/kg
SAR(1 g) = 0.410 mW/g ; SAR(10 g) = 0.312 mW/g
Maximum value of SAR (measured) = 0.431 mW/g



#06_CDMA2000 BC0_RTAP153.6Kbps_Front_10mm_Ch384

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: MSL_850 Medium parameters used : $f = 836.52$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³

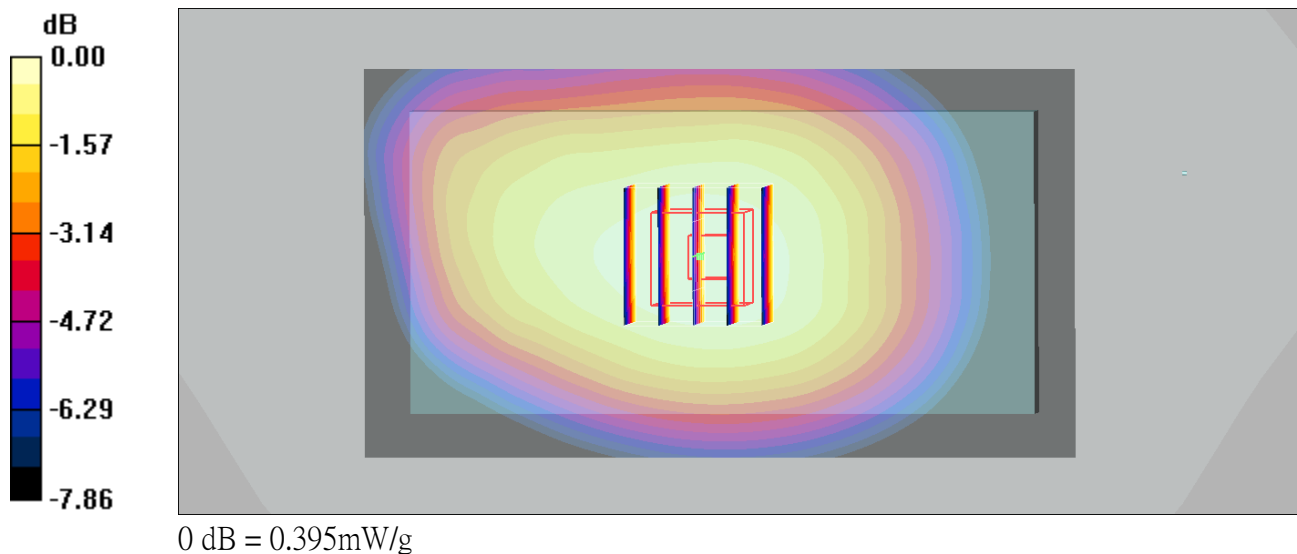
Ambient Temperature : 23.5°C; Liquid Temperature : 22.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1663; ConvF(6.39, 6.39, 6.39); Calibrated: 11/17/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 10/25/2016
- Phantom: SAM_Front; Type: QD000P40CD; Serial: TP-1909
- Measurement SW: DASY4, V4.5 Build 19 ;Postprocessing SW: SEMCAD, V1.8 Build 145

Ch384/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.390 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.4 V/m; Power Drift = -0.070 dB
Peak SAR (extrapolated) = 0.460 W/kg
SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.282 mW/g
Maximum value of SAR (measured) = 0.395 mW/g



#07_CDMA2000 BC0_RTAP153.6Kbps_Back_10mm_Ch384

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: MSL_850 Medium parameters used : $f = 836.52$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³

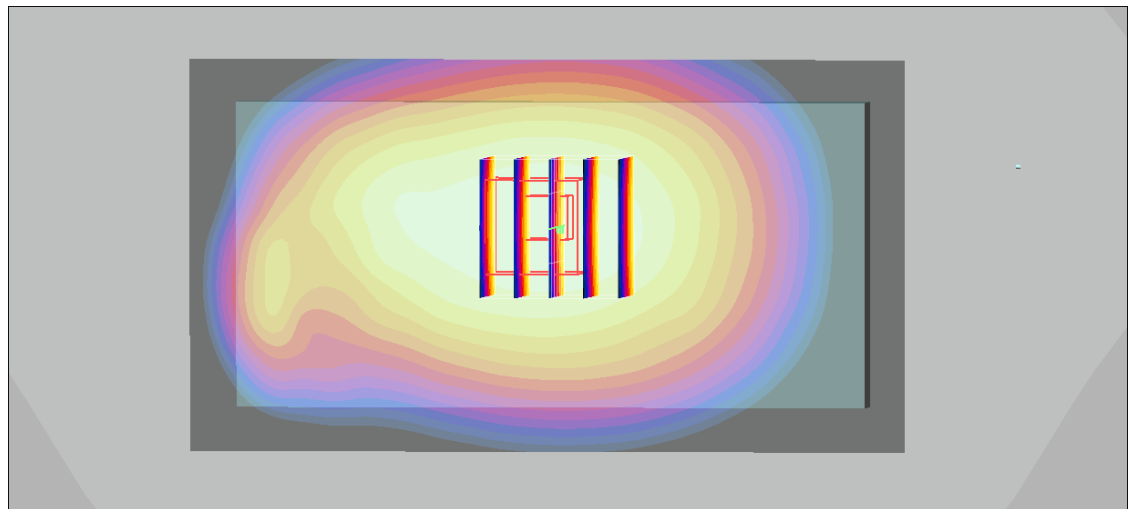
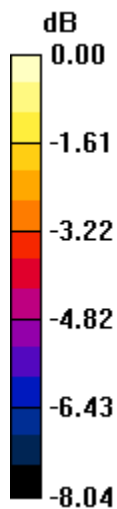
Ambient Temperature : 23.5°C; Liquid Temperature : 22.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1663; ConvF(6.39, 6.39, 6.39); Calibrated: 11/17/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 10/25/2016
- Phantom: SAM_Front; Type: QD000P40CD; Serial: TP-1909
- Measurement SW: DASY4, V4.5 Build 19 ;Postprocessing SW: SEMCAD, V1.8 Build 145

Ch384/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.517 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.6 V/m; Power Drift = -0.195 dB
Peak SAR (extrapolated) = 0.608 W/kg
SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.368 mW/g
Maximum value of SAR (measured) = 0.512 mW/g



0 dB = 0.512mW/g

#08_CDMA2000 BC0_RTAP 153.6Kbps_Right Side_10mm_Ch384

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: MSL_850 Medium parameters used : $f = 836.52$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³

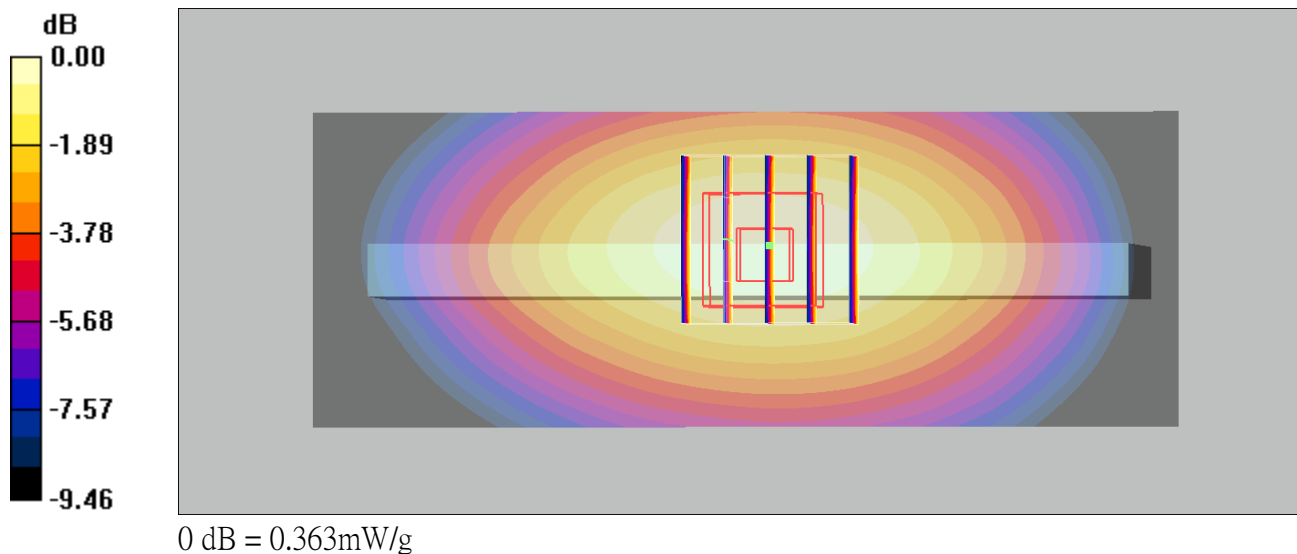
Ambient Temperature : 23.5°C; Liquid Temperature : 22.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1663; ConvF(6.39, 6.39, 6.39); Calibrated: 11/17/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 10/25/2016
- Phantom: SAM_Front; Type: QD000P40CD; Serial: TP-1909
- Measurement SW: DASY4, V4.5 Build 19 ;Postprocessing SW: SEMCAD, V1.8 Build 145

Ch384/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.365 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.7 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.478 W/kg
SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.363 mW/g



#09_CDMA2000 BC0_RTAP 153.6Kbps_Left Side_10mm_Ch384

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL_850 Medium parameters used : $f = 836.52$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³

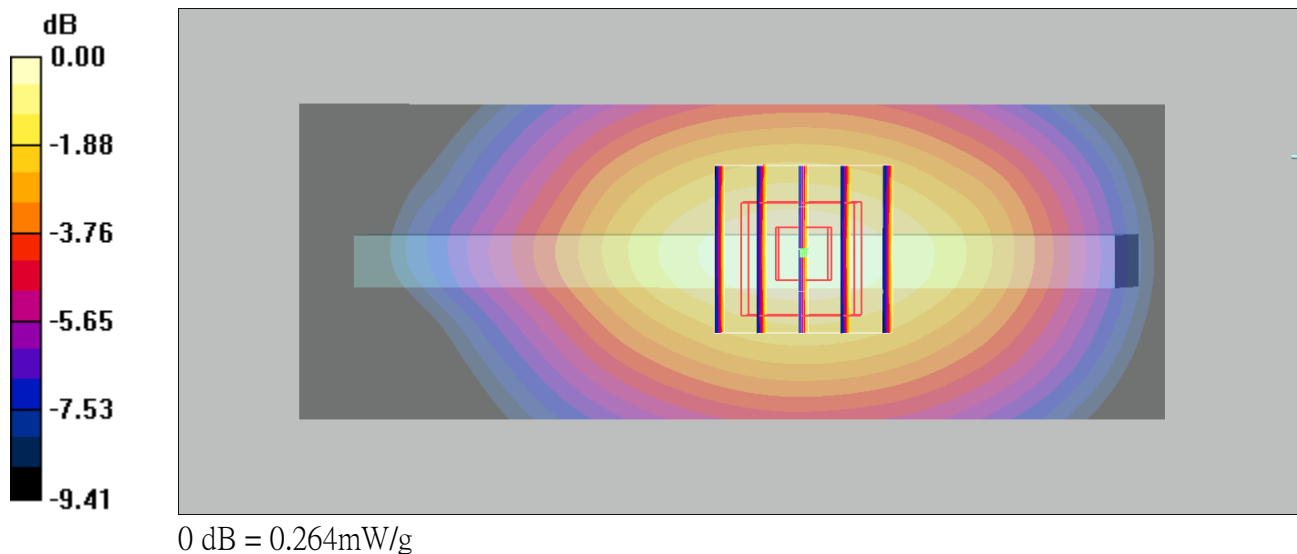
Ambient Temperature : 23.5°C; Liquid Temperature : 22.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1663; ConvF(6.39, 6.39, 6.39); Calibrated: 11/17/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 10/25/2016
- Phantom: SAM_Front; Type: QD000P40CD; Serial: TP-1909
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 145

Ch384/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.258 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.9 V/m; Power Drift = 0.056 dB
Peak SAR (extrapolated) = 0.332 W/kg
SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.169 mW/g
Maximum value of SAR (measured) = 0.264 mW/g



#10_CDMA2000 BC0_RTAP 153.6Kbps_Bottom Side_10mm_Ch384

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: MSL_850 Medium parameters used : $f = 836.52$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5°C; Liquid Temperature : 22.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1663; ConvF(6.39, 6.39, 6.39); Calibrated: 11/17/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 10/25/2016
- Phantom: SAM_Front; Type: QD000P40CD; Serial: TP-1909
- Measurement SW: DASY4, V4.5 Build 19 ;Postprocessing SW: SEMCAD, V1.8 Build 145

Ch384/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.188 mW/g

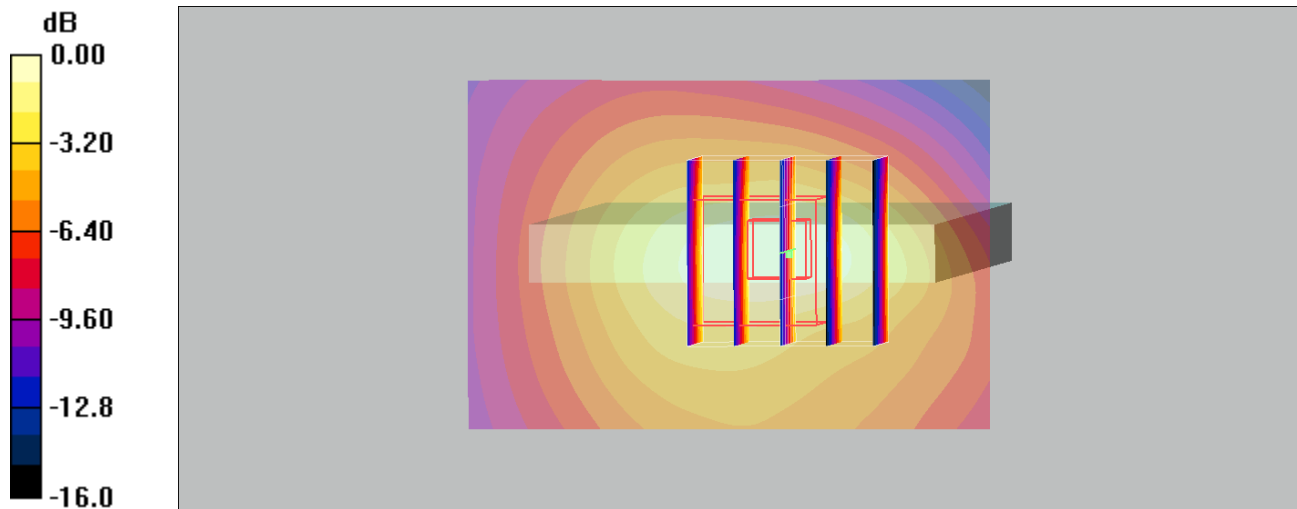
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.1 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.176 mW/g



0 dB = 0.176mW/g