

#39 802.11b_Right Cheek_Ch1_Ant1_Battery1

DUT: 132448-01

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_110622 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.8 \text{ mho/m}$; $\epsilon_r = 39.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (51x111x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.044 mW/g

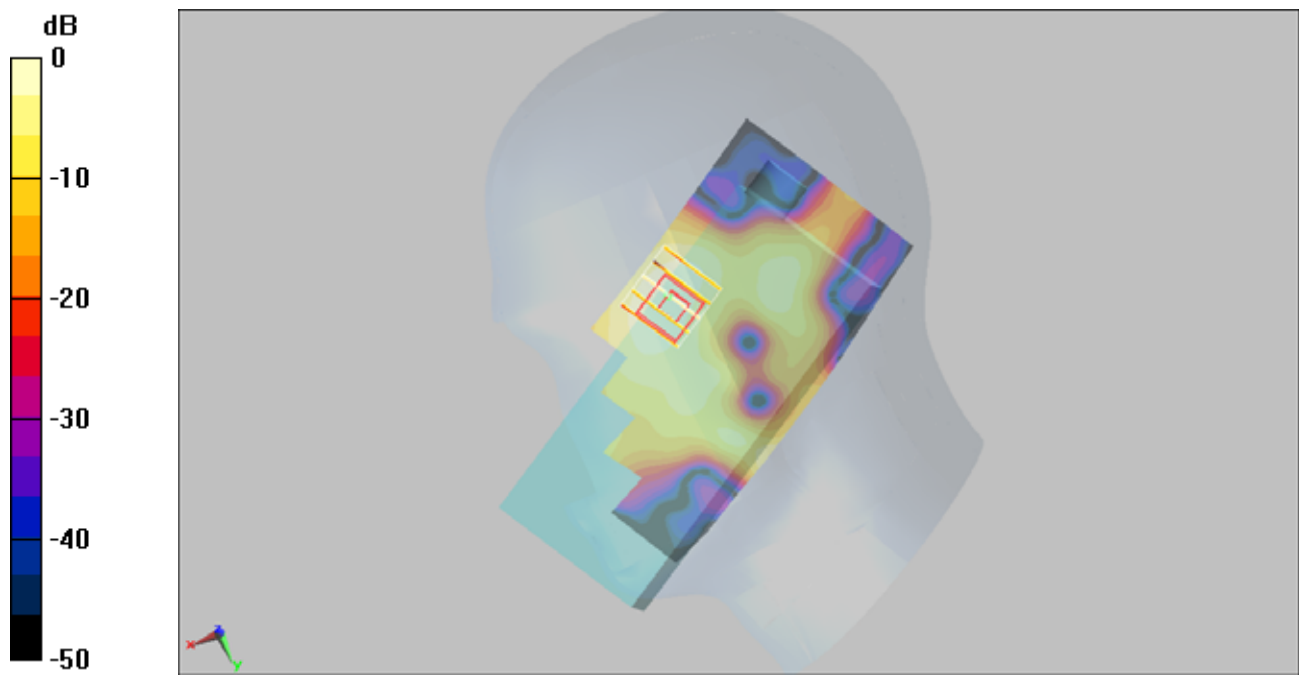
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.91 V/m ; Power Drift = 0.185 dB

Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.044 mW/g ; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.048 mW/g



#40 802.11b_Right Tilted_Ch1_Ant1_Battery1

DUT: 132448-01

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_110622 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.8$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (51x111x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.027 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.1 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.031 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00828 mW/g

Maximum value of SAR (measured) = 0.018 mW/g

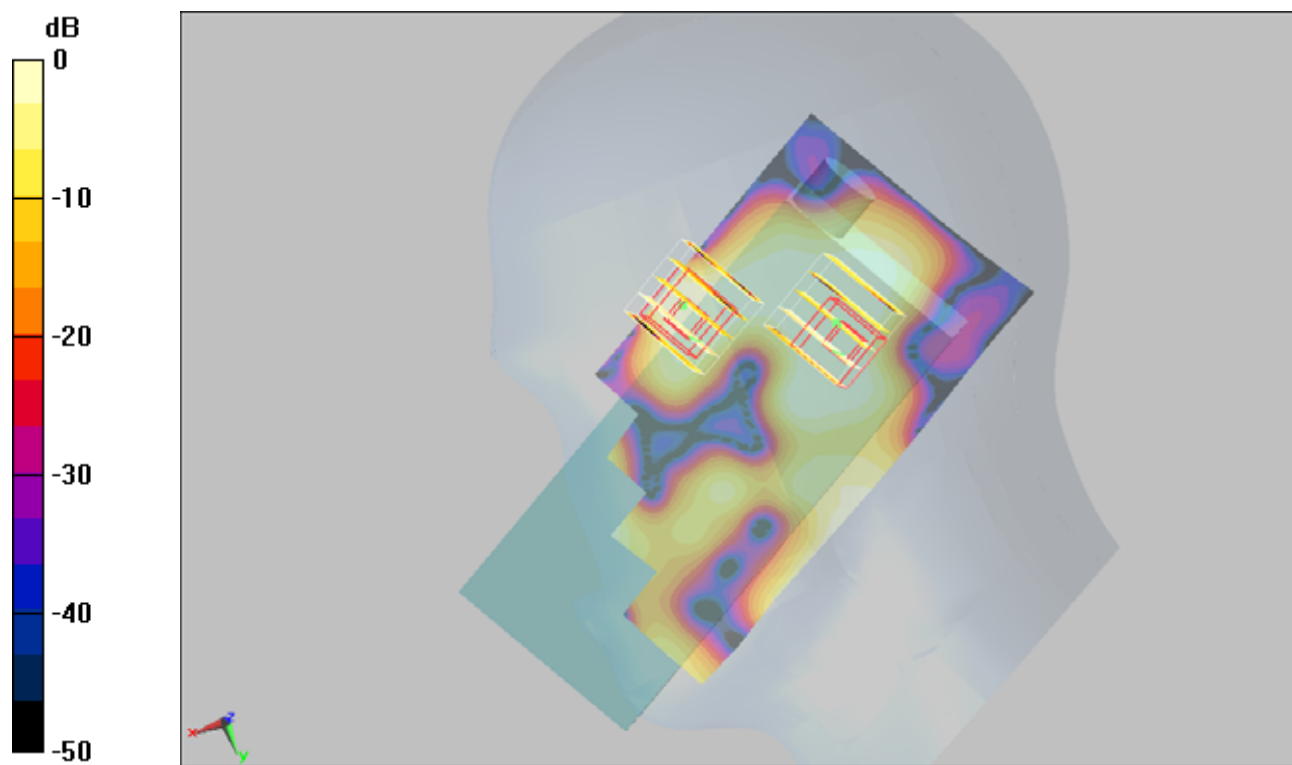
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.1 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.040 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00506 mW/g

Maximum value of SAR (measured) = 0.011 mW/g



0 dB = 0.011mW/g

#41 802.11b_Left Cheek_Ch1_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_110623 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.79$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (51x111x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.074 mW/g

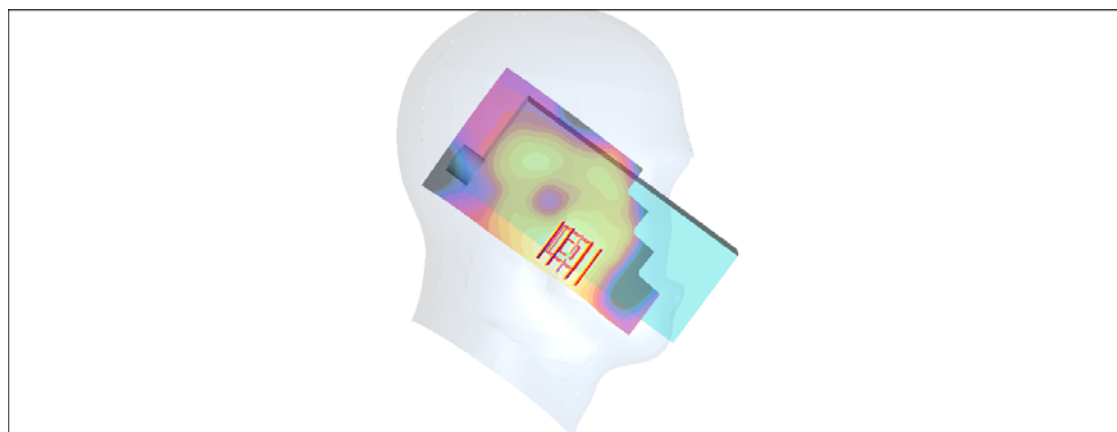
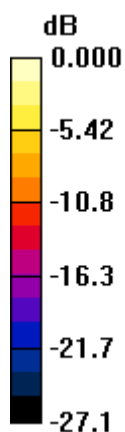
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.65 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.070 mW/g



0 dB = 0.070mW/g

#41 802.11b_Left Cheek_Ch1_Ant1_Battery1_2D**DUT: 132448-01**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_110623 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.79$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (51x111x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.074 mW/g

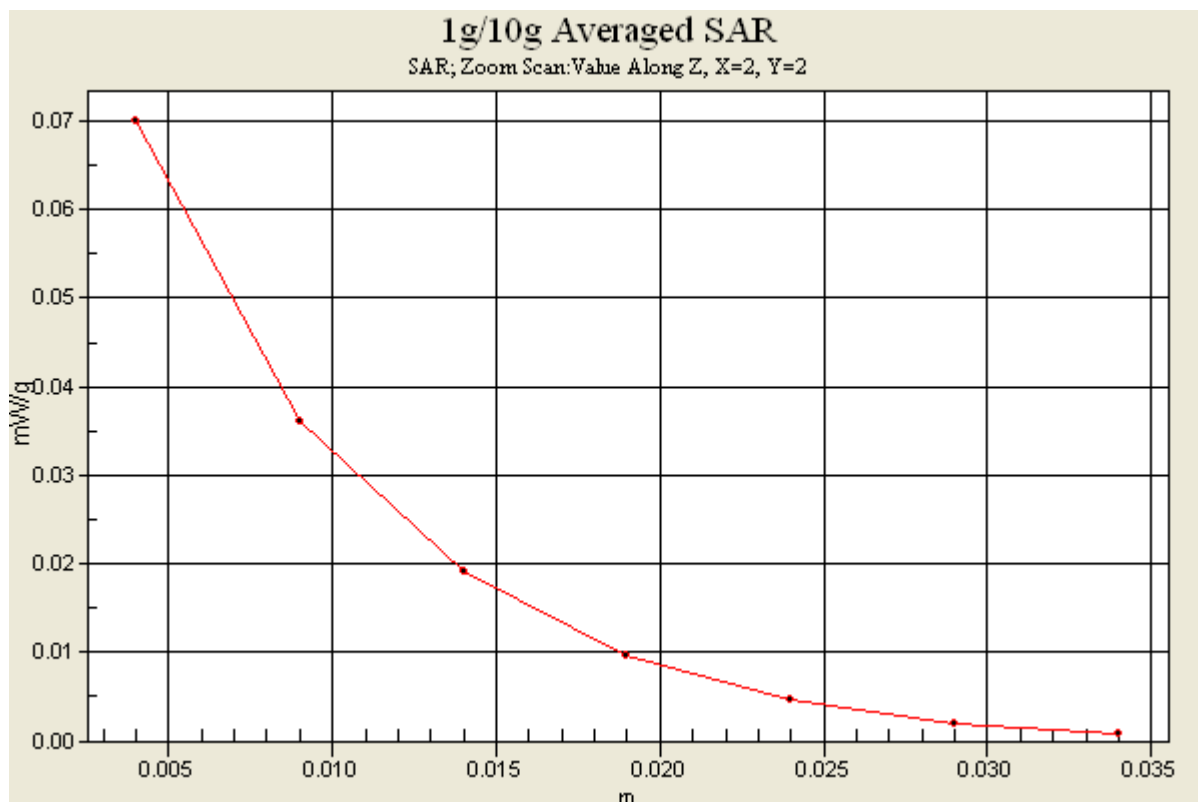
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.65 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.070 mW/g



#42 802.11b_Left Tilted_Ch1_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_110623 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.79$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (51x111x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.030 mW/g

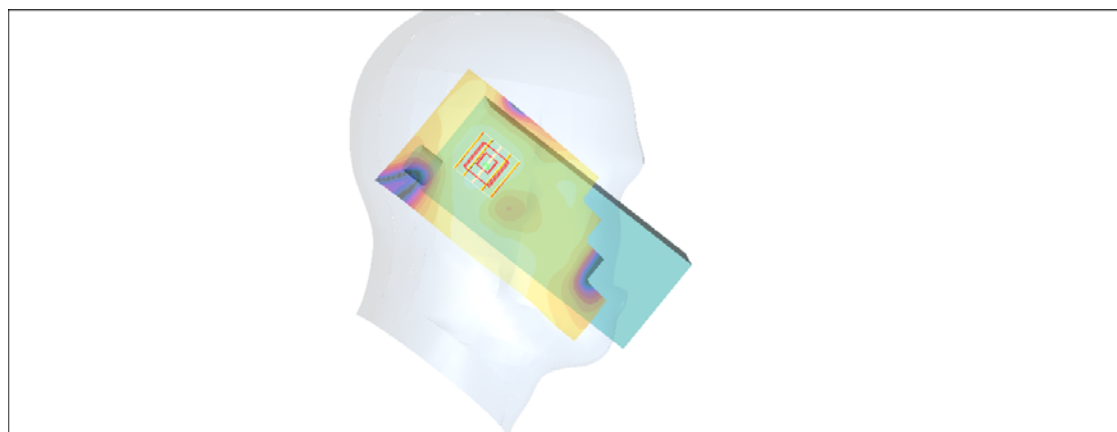
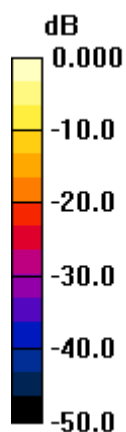
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.01 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.045 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.030 mW/g



0 dB = 0.030mW/g

#43 802.11b_Left Cheek_Ch1_Ant2_Battery1**DUT: 132448-01**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_110623 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.79$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (51x111x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.046 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.18 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.098 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.053 mW/g

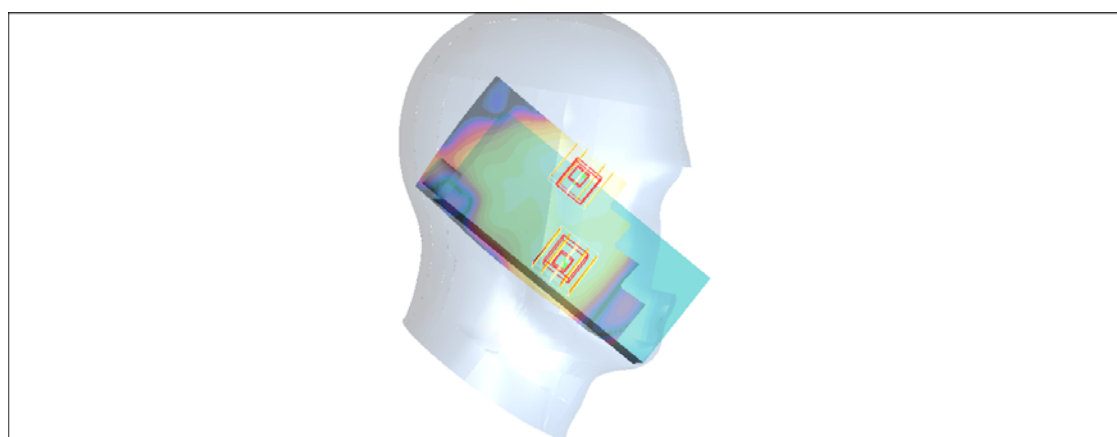
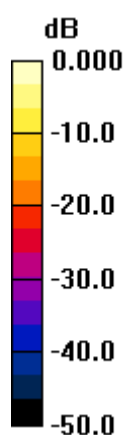
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.18 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.057 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.034 mW/g



0 dB = 0.034mW/g

#44 802.11b_Left Cheek_Ch1_Ant1_Battery2**DUT: 132448-01**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_110623 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.79$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (51x111x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.065 mW/g

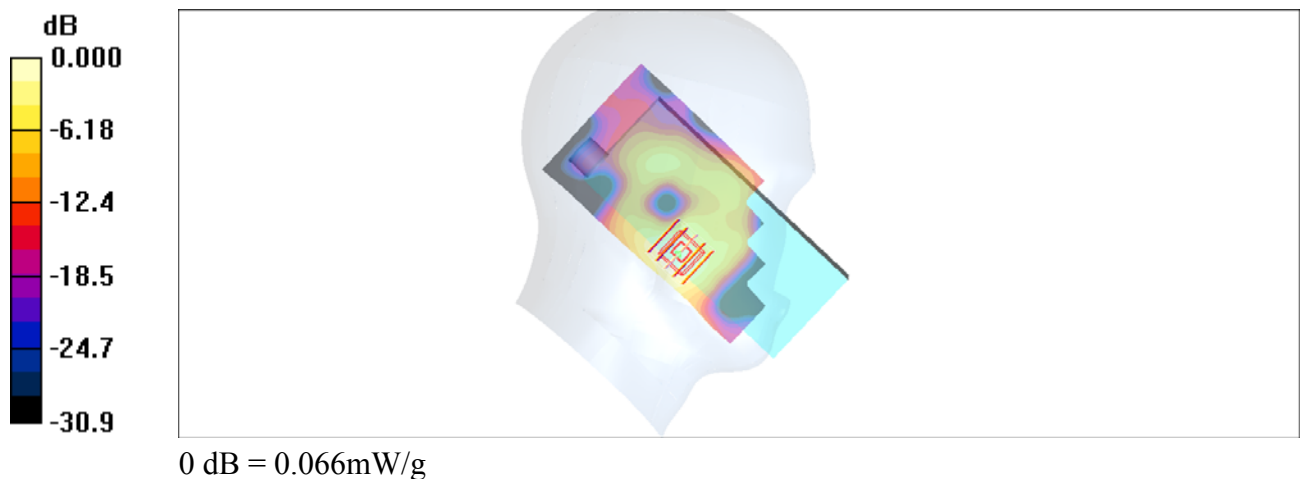
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.88 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.066 mW/g



#45 802.11a_Right Cheek_Ch157_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.4$ mho/m; $\epsilon_r = 34.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch157/Area Scan (101x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.174 mW/g

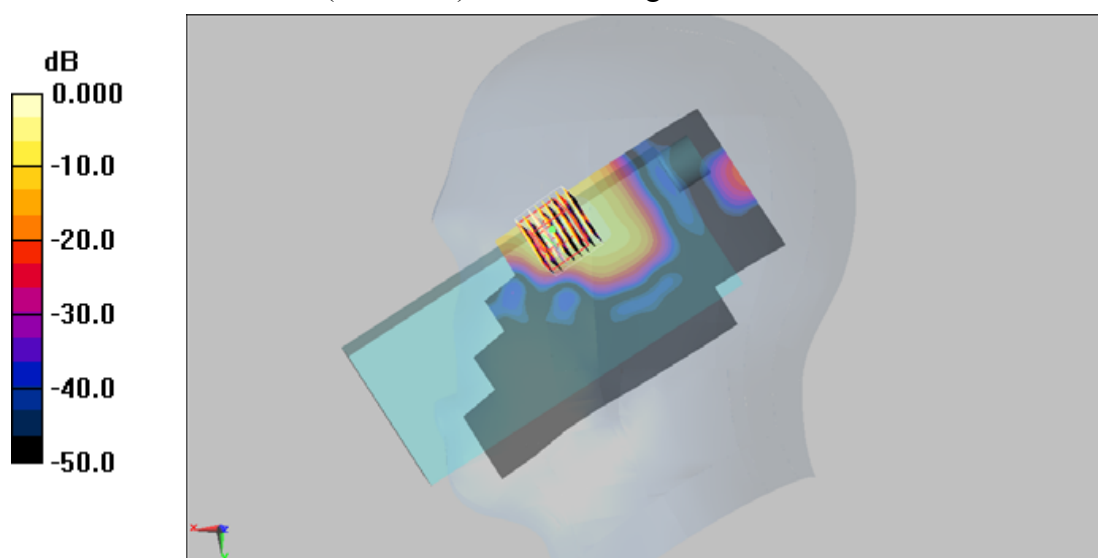
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.265 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 0.496 W/kg

SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.288 mW/g



0 dB = 0.288mW/g

#46 802.11a_Right Cheek_Ch149_Ant2_Battery1**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.37$ mho/m; $\epsilon_r = 34.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch149/Area Scan (121x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.075 mW/g

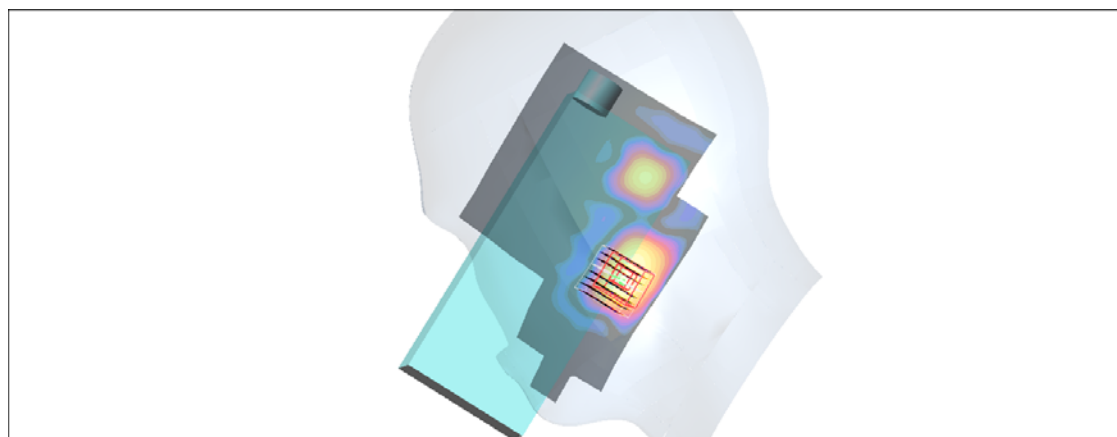
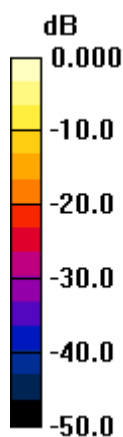
Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.377 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.121 mW/g



0 dB = 0.121mW/g

#47 802.11a_Right Tilted_Ch157_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.4$ mho/m; $\epsilon_r = 34.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch157/Area Scan (121x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.109 mW/g

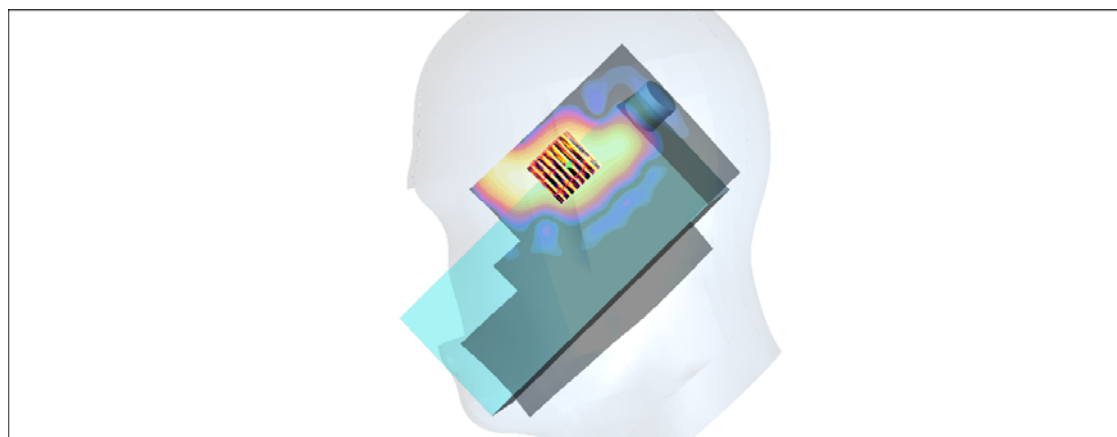
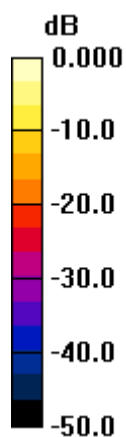
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.145 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.106 mW/g



0 dB = 0.106mW/g

#48 802.11a_Left Cheek_Ch157_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used : $f = 5785$ MHz; $\sigma = 5.4$ mho/m; $\epsilon_r = 34.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch157/Area Scan (121x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.228 mW/g

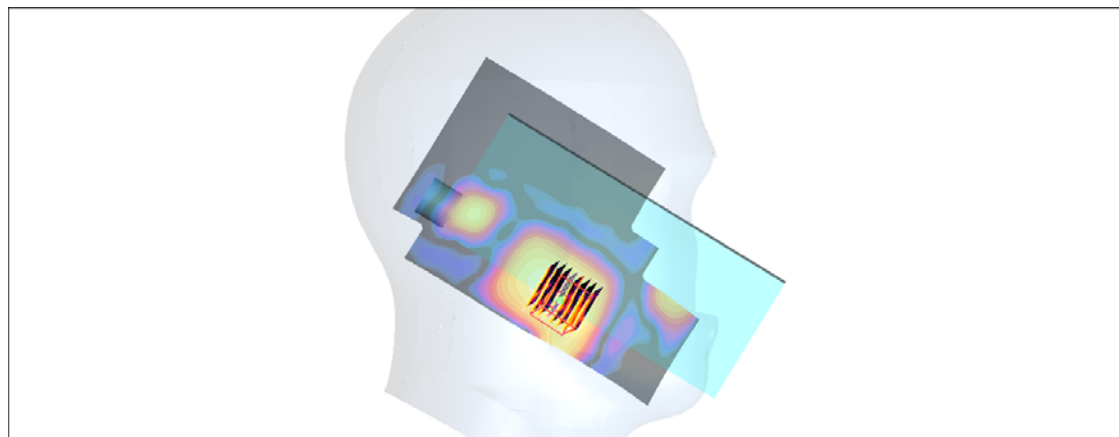
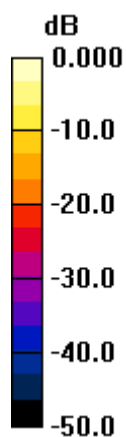
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.524 W/kg

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.338 mW/g



0 dB = 0.338mW/g

#48 802.11a_Left Cheek_Ch157_Ant1_Battery1_2D**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used : $f = 5785$ MHz; $\sigma = 5.4$ mho/m; $\epsilon_r = 34.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch157/Area Scan (121x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.228 mW/g

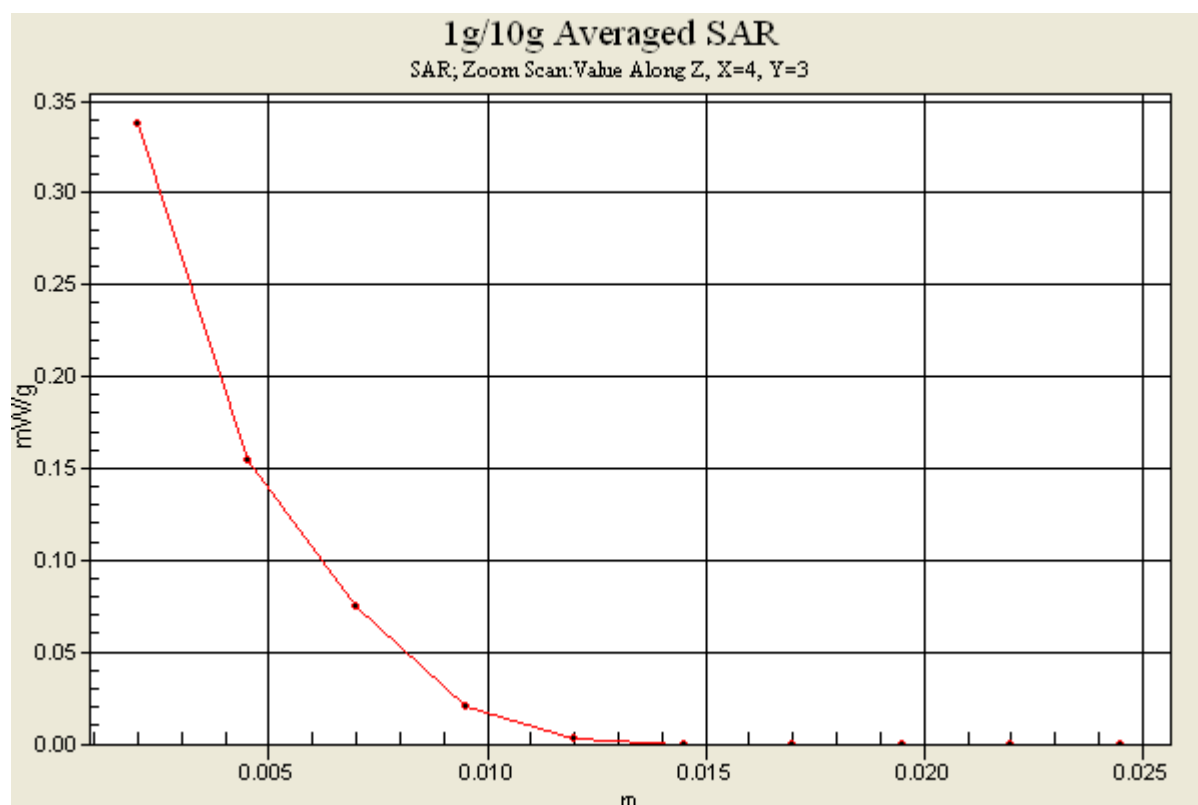
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.524 W/kg

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.338 mW/g



#49 802.11a_Left Tilted_Ch157_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used : $f = 5785$ MHz; $\sigma = 5.4$ mho/m; $\epsilon_r = 34.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch157/Area Scan (121x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.057 mW/g

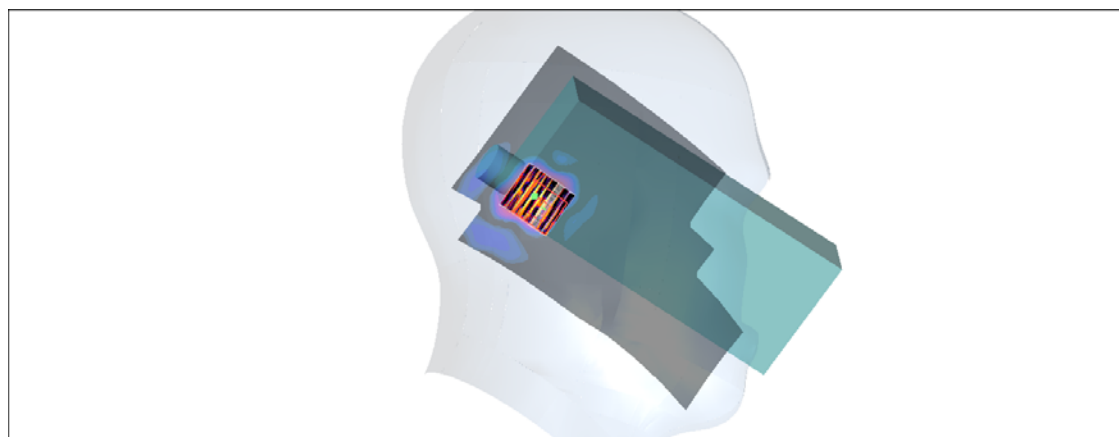
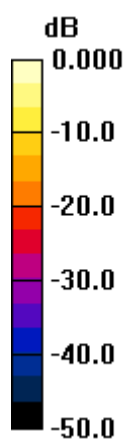
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.149 mW/g



0 dB = 0.149mW/g

#50 802.11a_Left Cheek_Ch36_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used : $f = 5180$ MHz; $\sigma = 4.78$ mho/m; $\epsilon_r = 35.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.8, 4.8, 4.8); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch36/Area Scan (121x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.085 mW/g

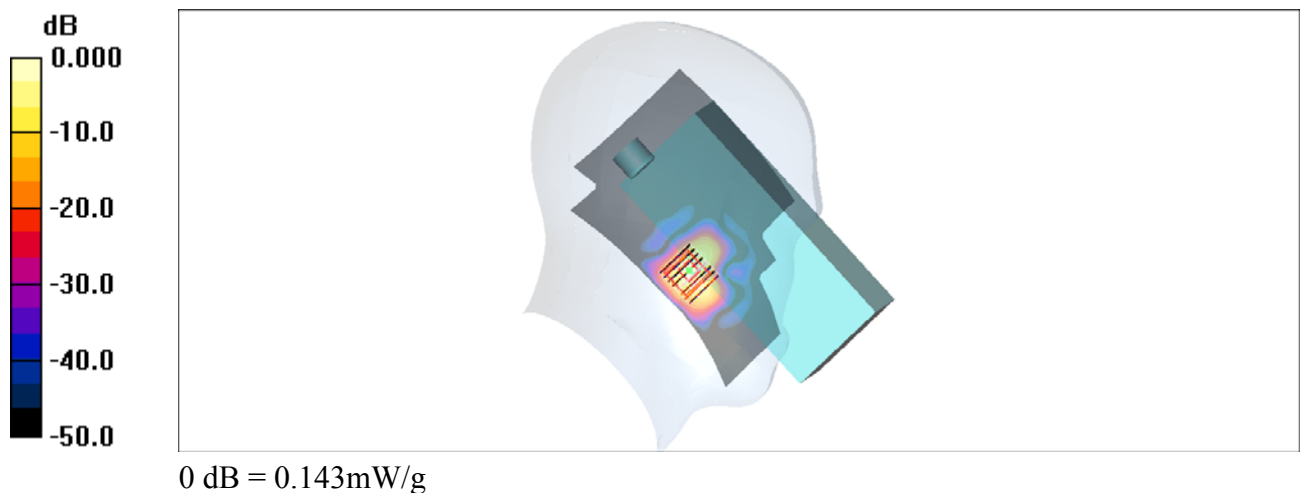
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.468 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.143 mW/g



#51 802.11a_Left Cheek_Ch48_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used : $f = 5240$ MHz; $\sigma = 4.85$ mho/m; $\epsilon_r = 35.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.8, 4.8, 4.8); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch48/Area Scan (121x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.065 mW/g

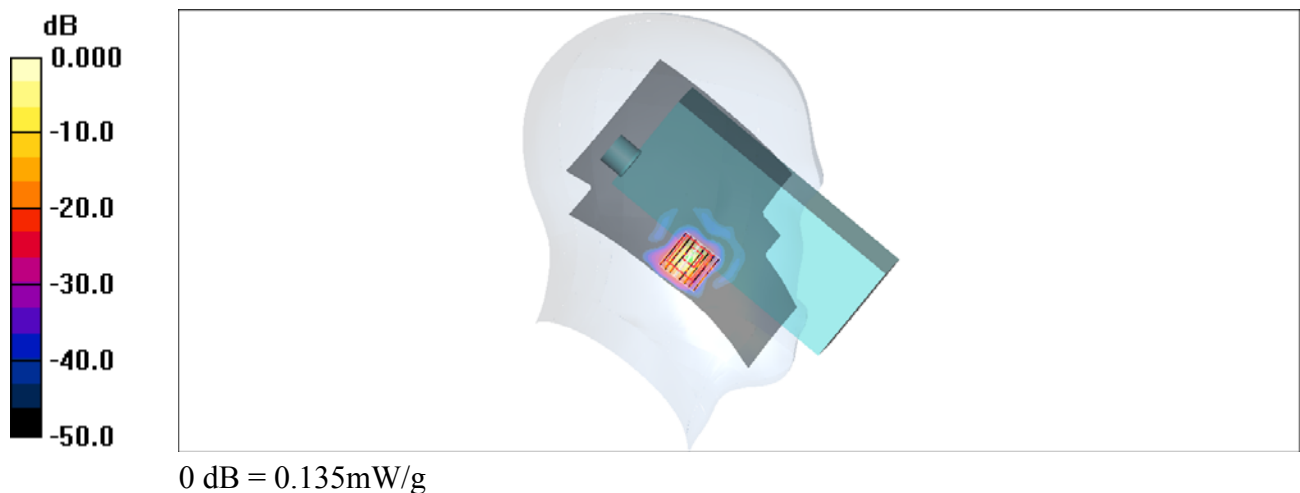
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.522 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.135 mW/g



#52 802.11a_Left Cheek_Ch52_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used : $f = 5260$ MHz; $\sigma = 4.87$ mho/m; $\epsilon_r = 35.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.8, 4.8, 4.8); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Area Scan (121x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.075 mW/g

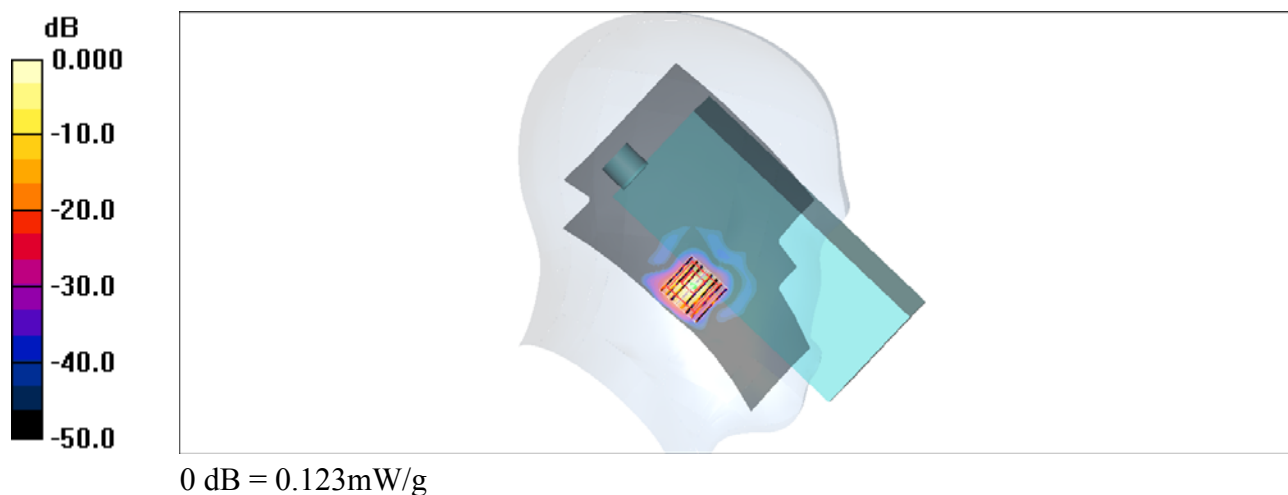
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.123 mW/g



#53 802.11a_Left Cheek_Ch64_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used : $f = 5320$ MHz; $\sigma = 4.93$ mho/m; $\epsilon_r = 35.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(4.83, 4.83, 4.83); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch64/Area Scan (121x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.101 mW/g

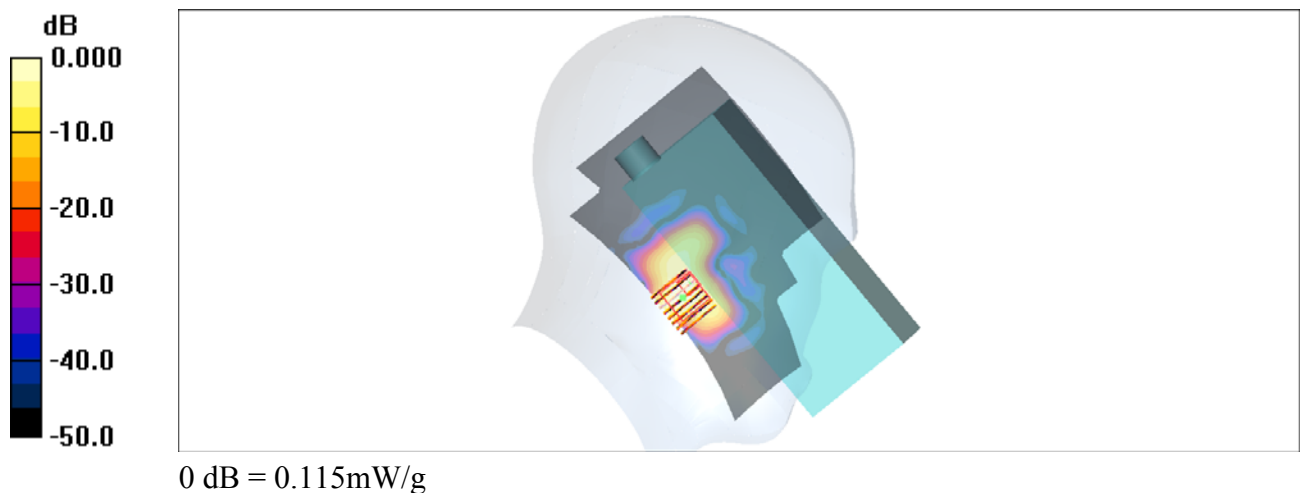
Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.157 dB

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.115 mW/g



#54 802.11a_Left Cheek_Ch104_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used : $f = 5520$ MHz; $\sigma = 5.14$ mho/m; $\epsilon_r = 34.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.35, 4.35, 4.35); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch104/Area Scan (121x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.119 mW/g

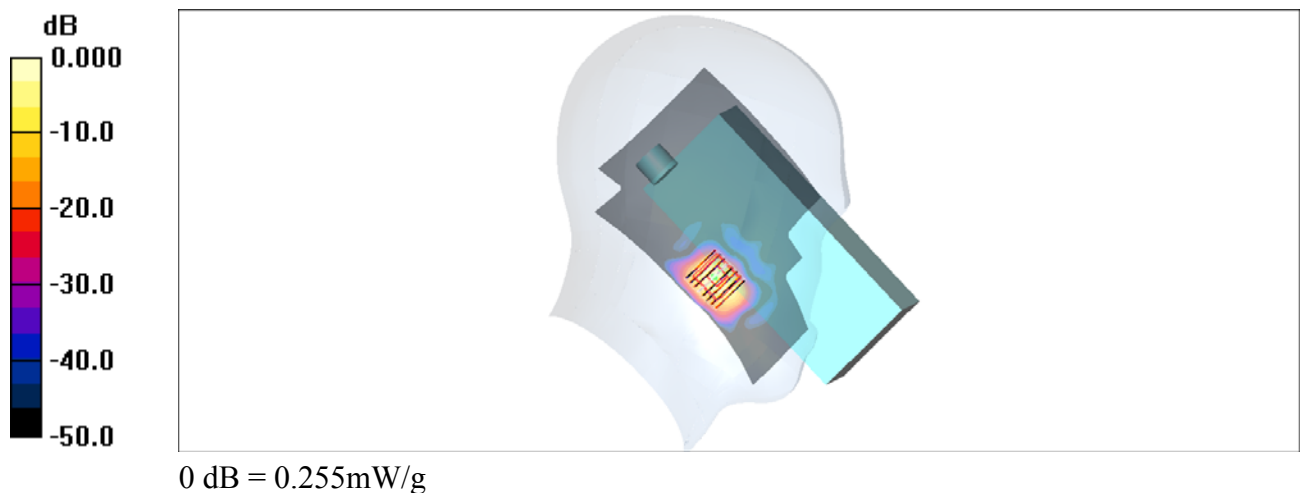
Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.091 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.255 mW/g



#55 802.11a_Left Cheek_Ch116_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.19$ mho/m; $\epsilon_r = 34.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.35, 4.35, 4.35); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch116/Area Scan (121x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.147 mW/g

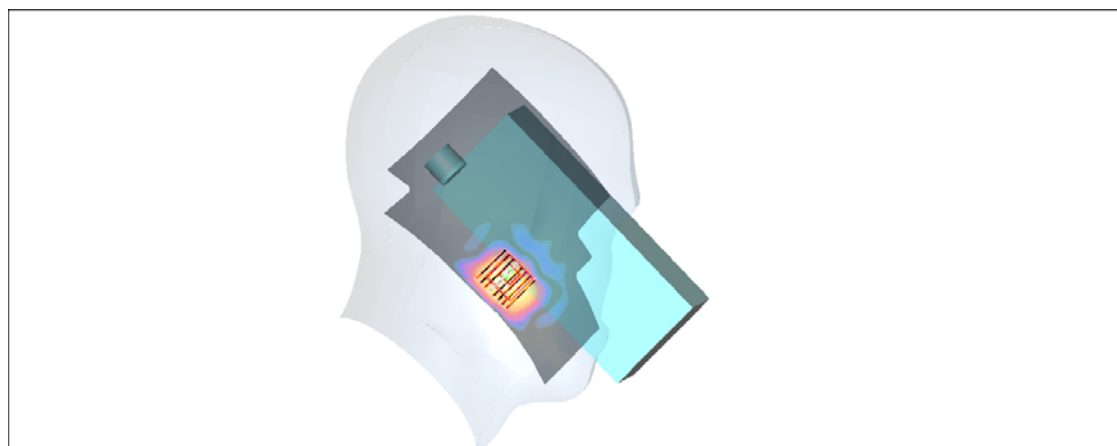
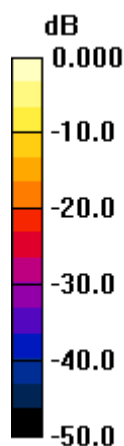
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.615 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.322 mW/g



0 dB = 0.322mW/g

#56 802.11a_Left Cheek_Ch124_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5620 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used : $f = 5620$ MHz; $\sigma = 5.24$ mho/m; $\epsilon_r = 34.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.35, 4.35, 4.35); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch124/Area Scan (121x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.121 mW/g

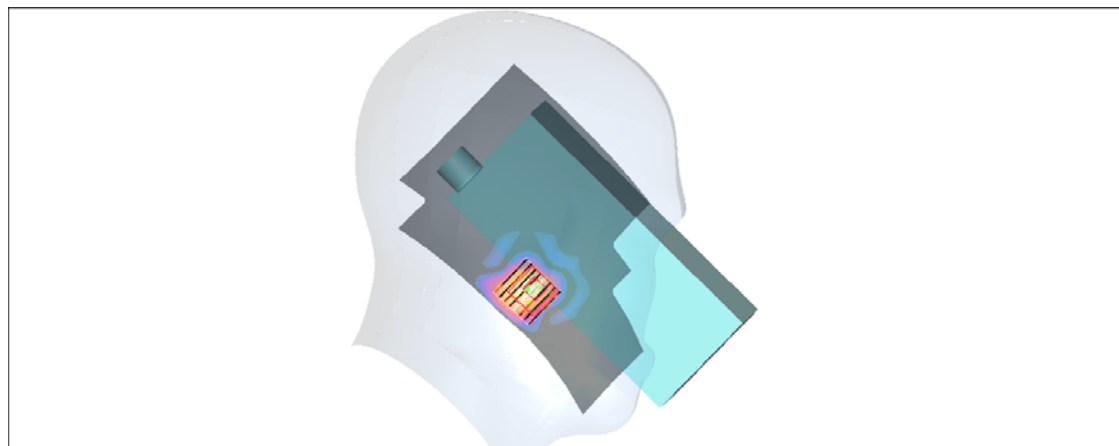
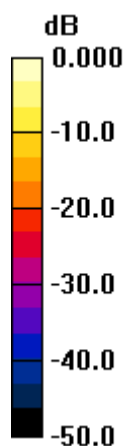
Ch124/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 0.474 W/kg

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.235 mW/g



0 dB = 0.235mW/g

#57 802.11a_Left Cheek_Ch136_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5680 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used : $f = 5680$ MHz; $\sigma = 5.3$ mho/m; $\epsilon_r = 34.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.35, 4.35, 4.35); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch136/Area Scan (121x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.112 mW/g

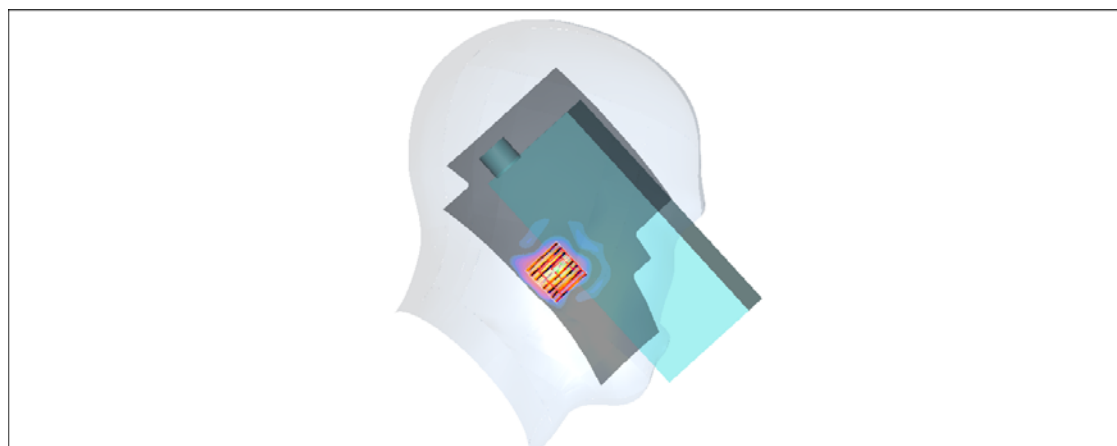
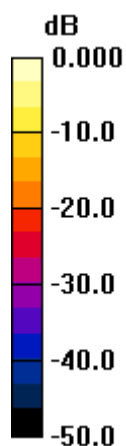
Ch136/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.276 mW/g



0 dB = 0.276mW/g

#58 802.11a_Left Cheek_Ch149_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used : $f = 5745$ MHz; $\sigma = 5.37$ mho/m; $\epsilon_r = 34.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch149/Area Scan (121x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.158 mW/g

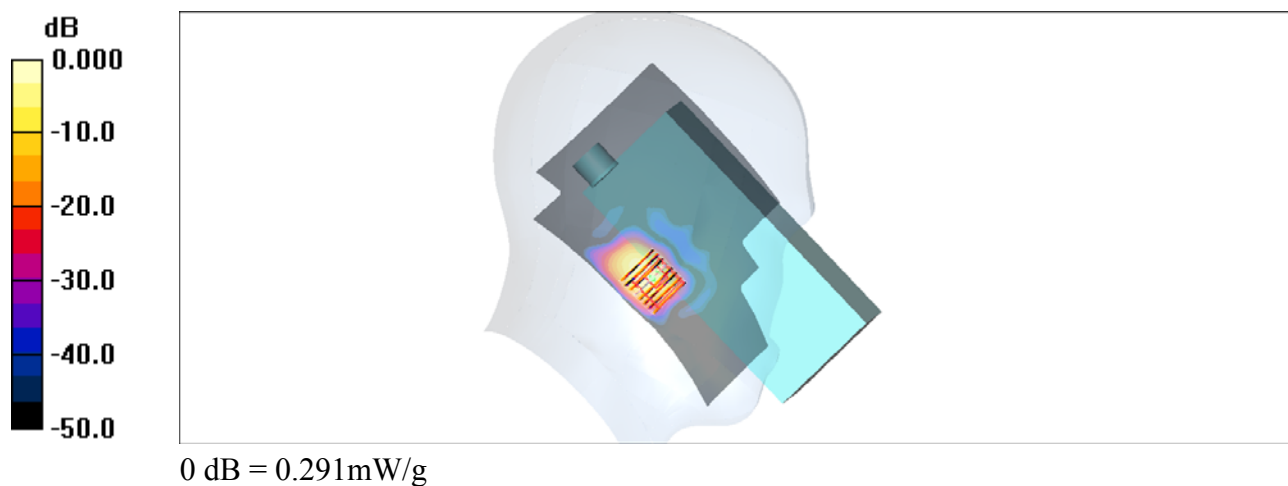
Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.291 mW/g



#59 802.11a_Left Cheek_Ch161_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used : $f = 5805$ MHz; $\sigma = 5.41$ mho/m; $\epsilon_r = 34.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (121x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.138 mW/g

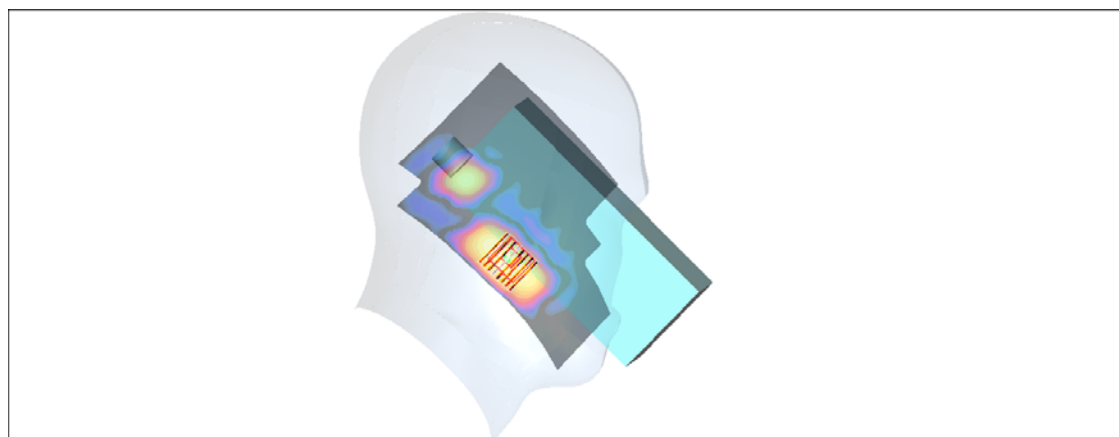
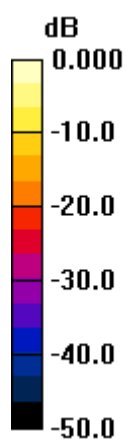
Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.279 mW/g



0 dB = 0.279mW/g

#60 802.11a_Left Cheek_Ch165_Ant1_Battery1**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used : $f = 5825$ MHz; $\sigma = 5.43$ mho/m; $\epsilon_r = 34.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch165/Area Scan (121x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.316 mW/g

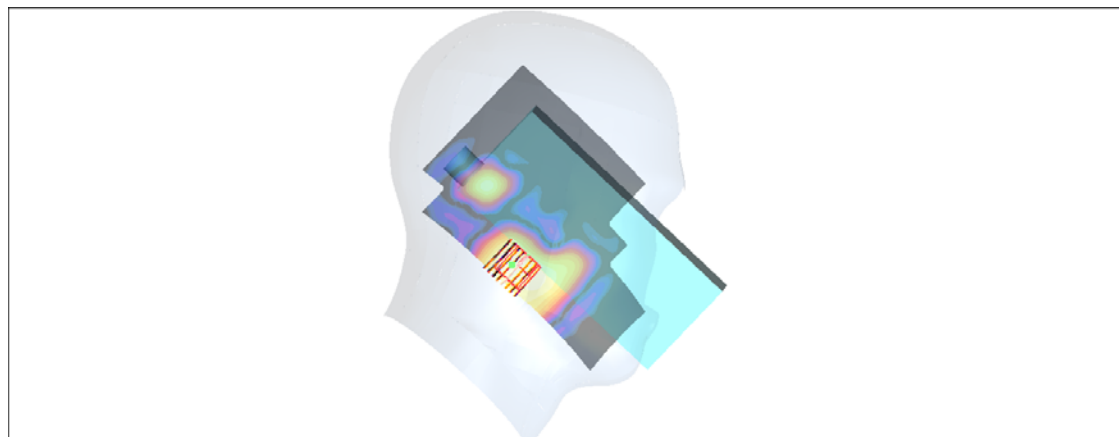
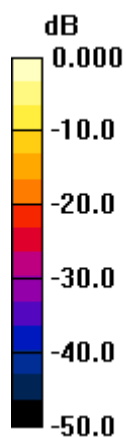
Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 0.458 W/kg

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.257 mW/g



0 dB = 0.257mW/g

#61 802.11a_Left Cheek_Ch157_Ant1_Battery2**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110702 Medium parameters used : $f = 5785$ MHz; $\sigma = 5.4$ mho/m; $\epsilon_r = 34.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch157/Area Scan (121x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.183 mW/g

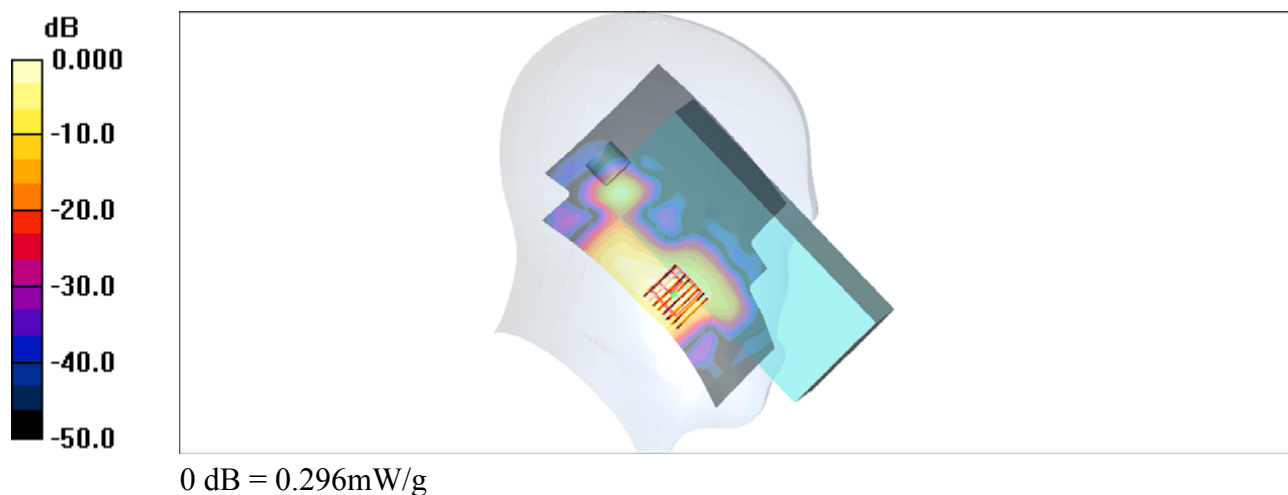
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.977 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.444 W/kg

SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.296 mW/g



#62 802.11b_Front_1.5cm_Ch1_Ant1_Battery1_Earphone

DUT: 132448-01

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL_2450_110622 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.92 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (51x111x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.025 mW/g

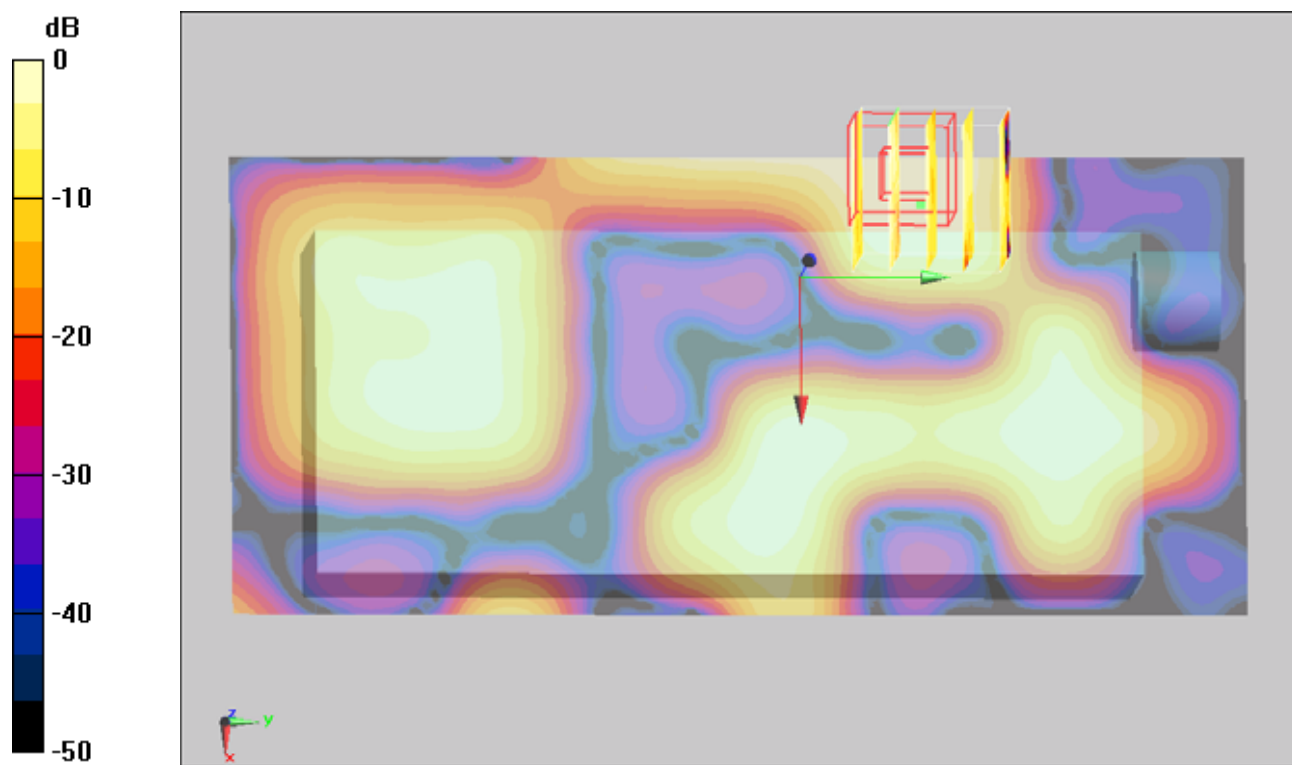
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.25 V/m ; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.022 W/kg

SAR(1 g) = 0.011 mW/g ; SAR(10 g) = 0.00592 mW/g

Maximum value of SAR (measured) = 0.012 mW/g



0 dB = 0.012mW/g

#63 802.11b_Back_1.5cm_Ch1_Ant1_Battery1_Earphone

DUT: 132448-01

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_110622 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.92 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (61x111x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.019 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.27 V/m ; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.062 mW/g ; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.092 mW/g

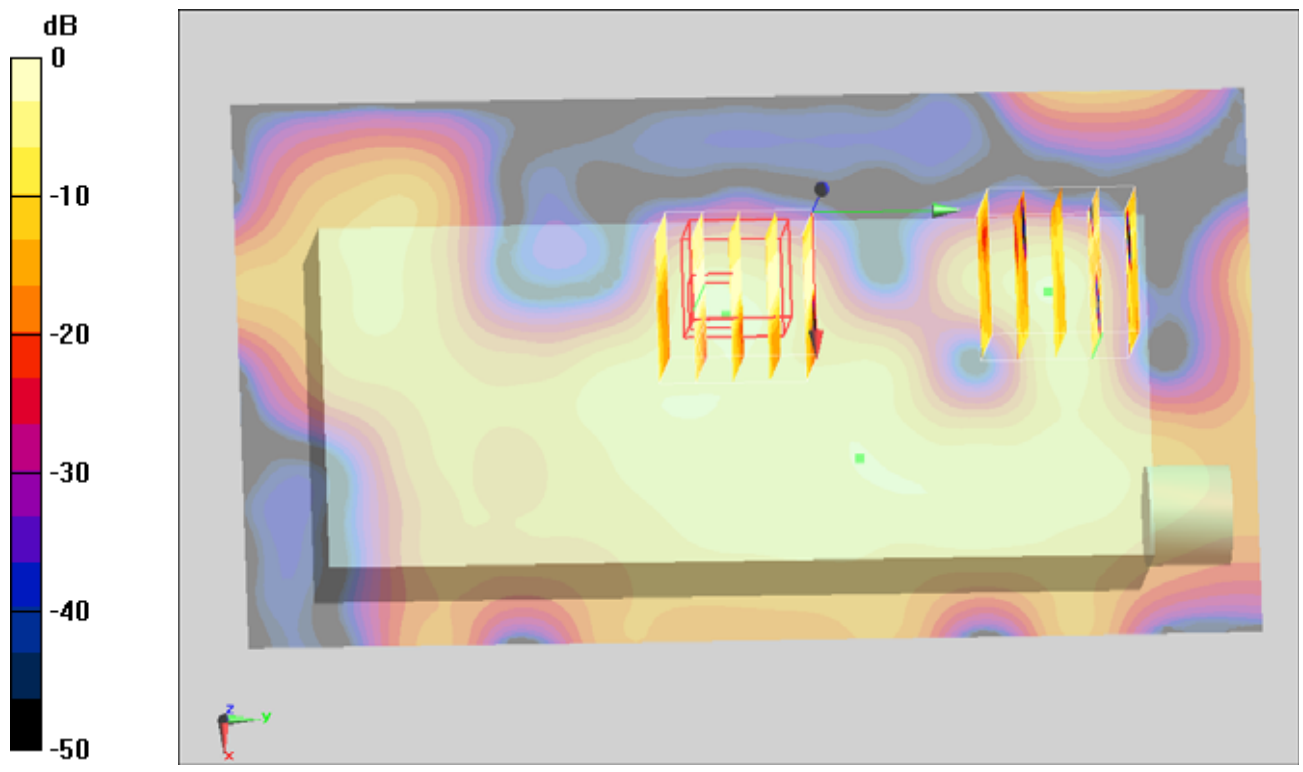
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.27 V/m ; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0 W/kg

SAR(1 g) = n.a. ; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.055 mW/g



0 dB = 0.055mW/g

#63 802.11b_Back_1.5cm_Ch1_Ant1_Battery1_Earphone_2D

DUT: 132448-01

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_110622 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.92 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (61x111x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.019 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.27 V/m ; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.062 mW/g ; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.092 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.27 V/m ; Power Drift = -0.113 dB

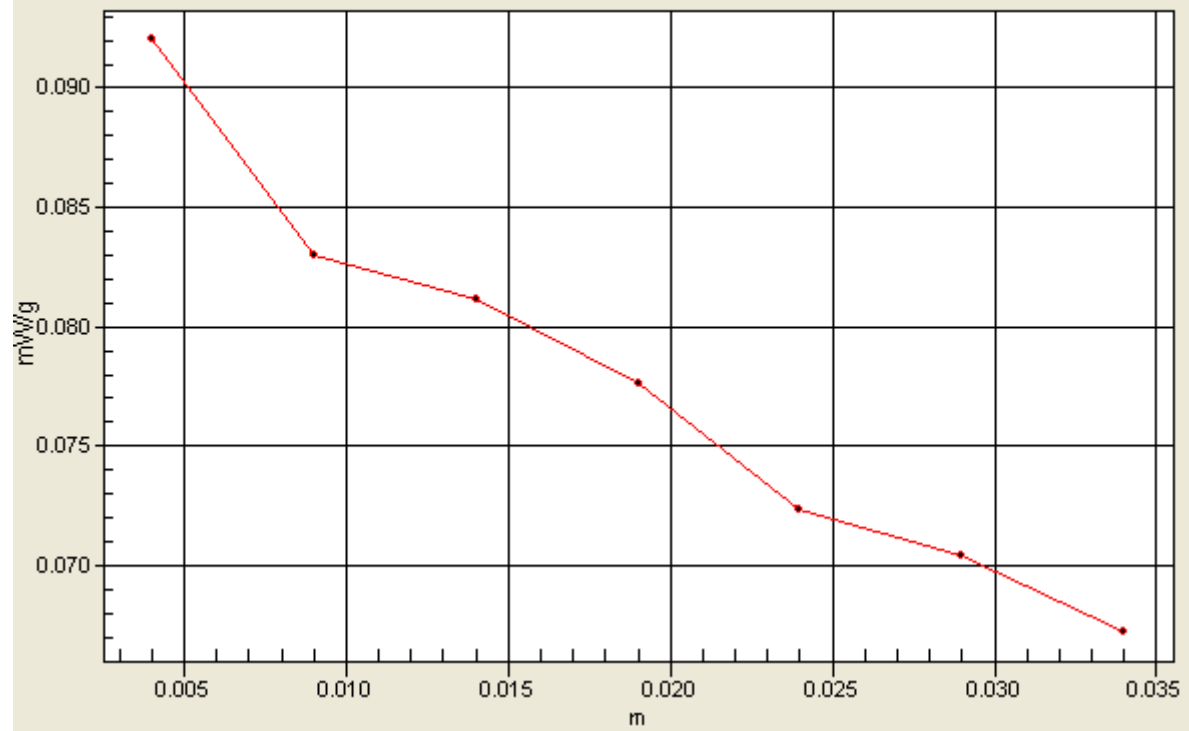
Peak SAR (extrapolated) = 0 W/kg

SAR(1 g) = n.a. ; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.055 mW/g

1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=1



#64 802.11b_Back_1.5cm_Ch1_Ant2_Battery1_Earphone

DUT: 132448-01

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL_2450_110622 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.92 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (71x111x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.019 mW/g

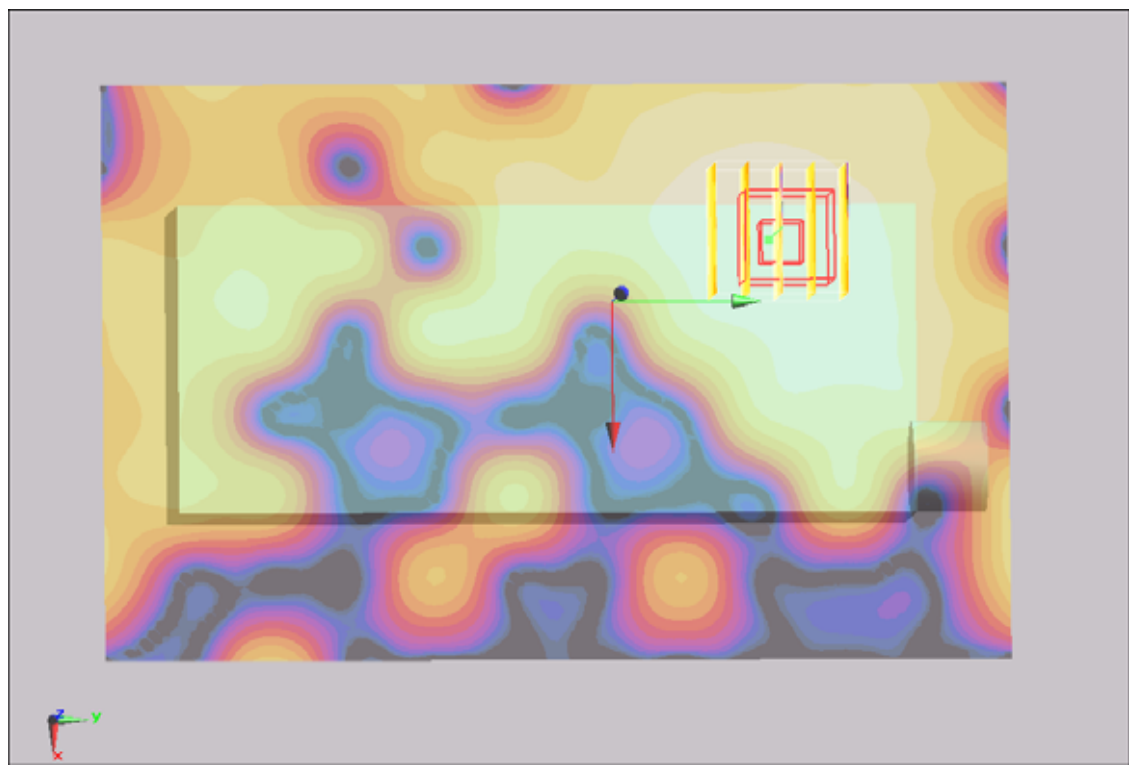
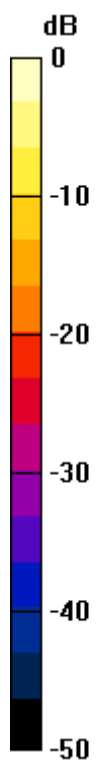
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.2 V/m ; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.021 W/kg

SAR(1 g) = 0.016 mW/g ; SAR(10 g) = 0.0089 mW/g

Maximum value of SAR (measured) = 0.020 mW/g



0 dB = 0.020mW/g

#65 802.11b_Back_1.5cm_Ch1_Ant1_Battery2_Earphone

DUT: 132448-01

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL_2450_110622 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.92 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (71x111x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.026 mW/g

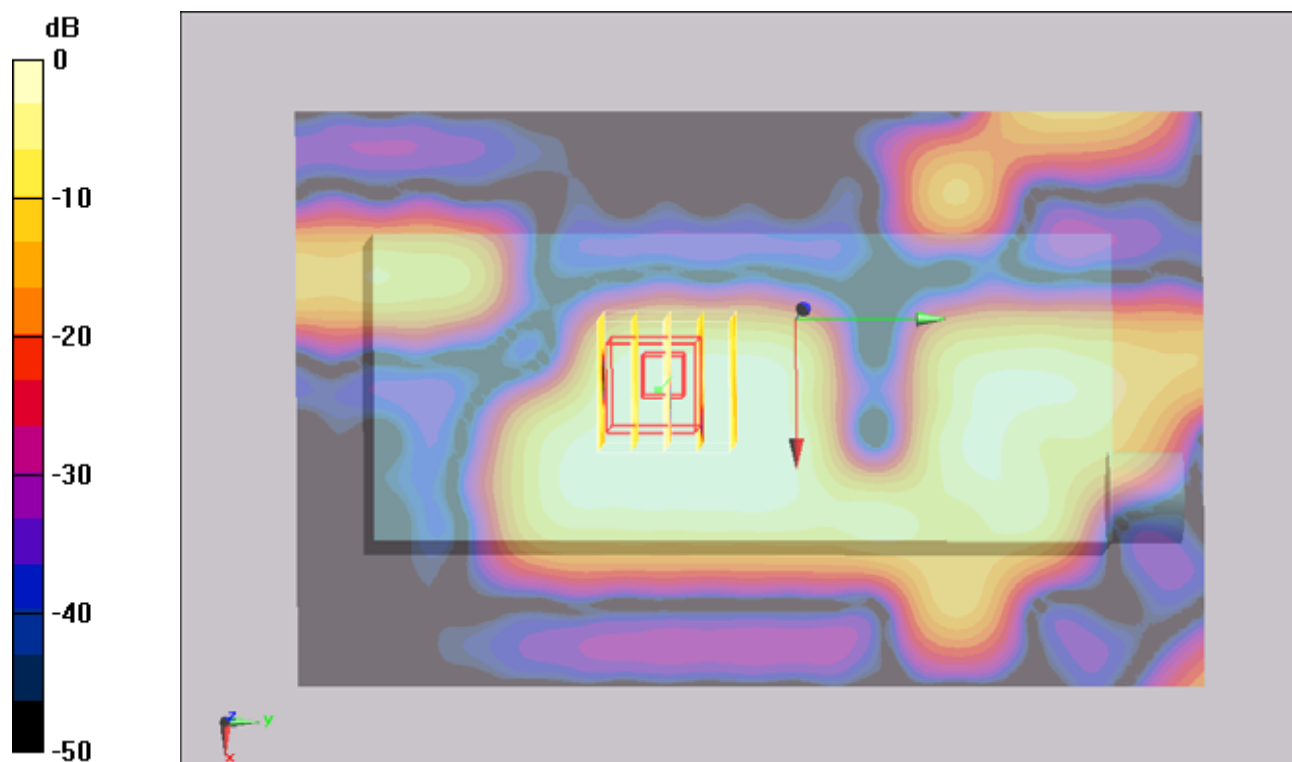
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.84 V/m ; Power Drift = -0.192 dB

Peak SAR (extrapolated) = 0.025 W/kg

SAR(1 g) = 0.013 mW/g ; SAR(10 g) = 0.00708 mW/g

Maximum value of SAR (measured) = 0.014 mW/g



0 dB = 0.014mW/g

#66 802.11a_Front _1.5cm_Ch157_Ant1_Battery1_Earphone**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110703 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.21$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.66, 3.66, 3.66); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch157/Area Scan (101x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.182 mW/g

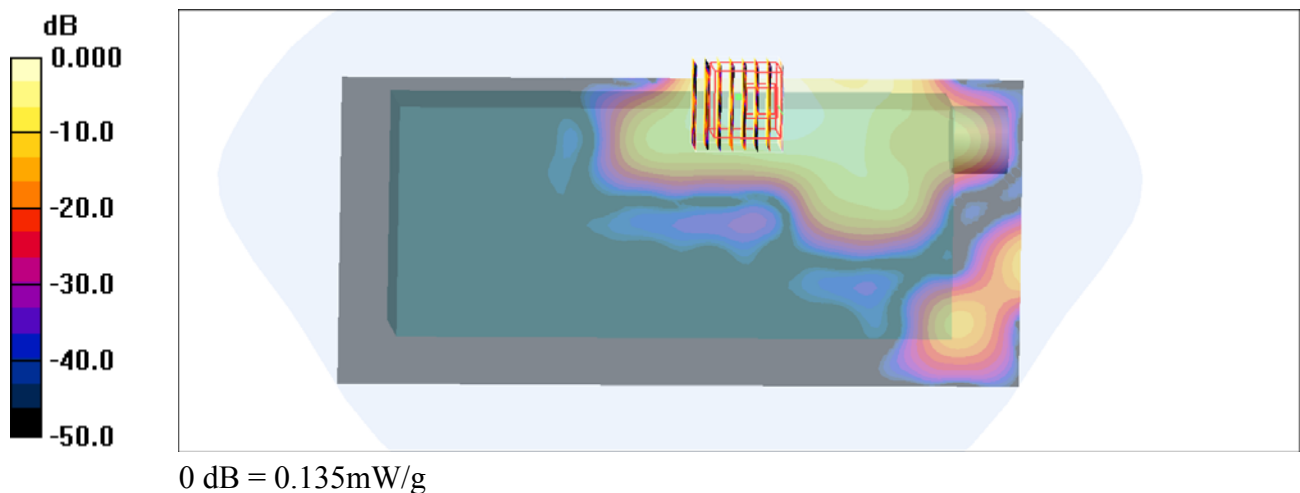
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.135 mW/g



#67 802.11a_Back_1.5cm_Ch157_Ant1_Battery1_Earphone**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110703 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.21$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.66, 3.66, 3.66); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch157/Area Scan (101x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.119 mW/g

Ch157/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.56 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.171 mW/g

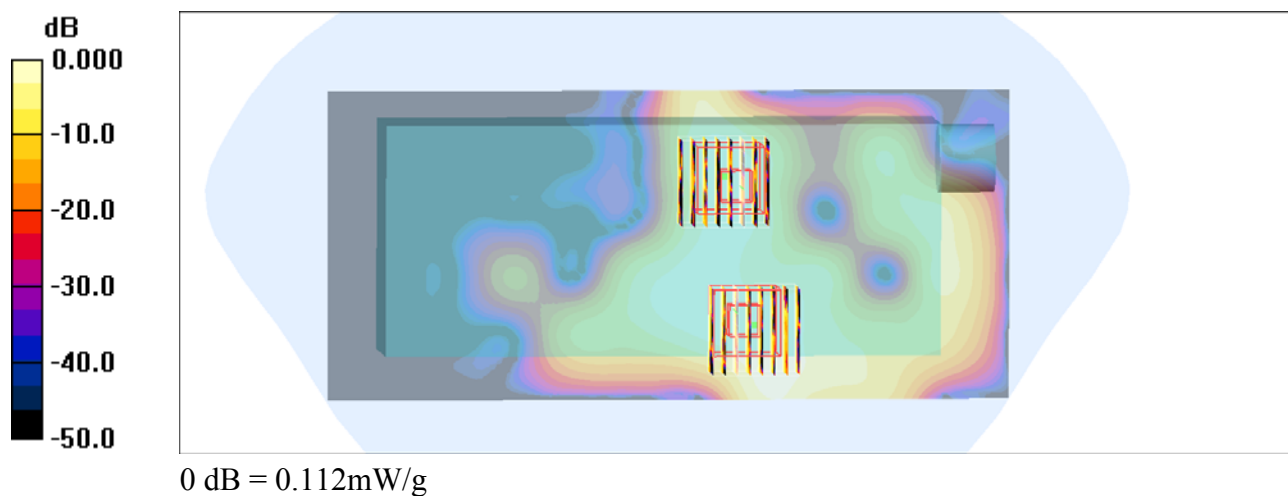
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.56 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.112 mW/g



#68 802.11a_Back_1.5cm_Ch149_Ant2_Battery1_Earphone**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110703 Medium parameters used : $f = 5745$ MHz; $\sigma = 6.17$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.66, 3.66, 3.66); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch149/Area Scan (101x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.096 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.19 V/m; Power Drift -0.165 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.030 mW/g

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

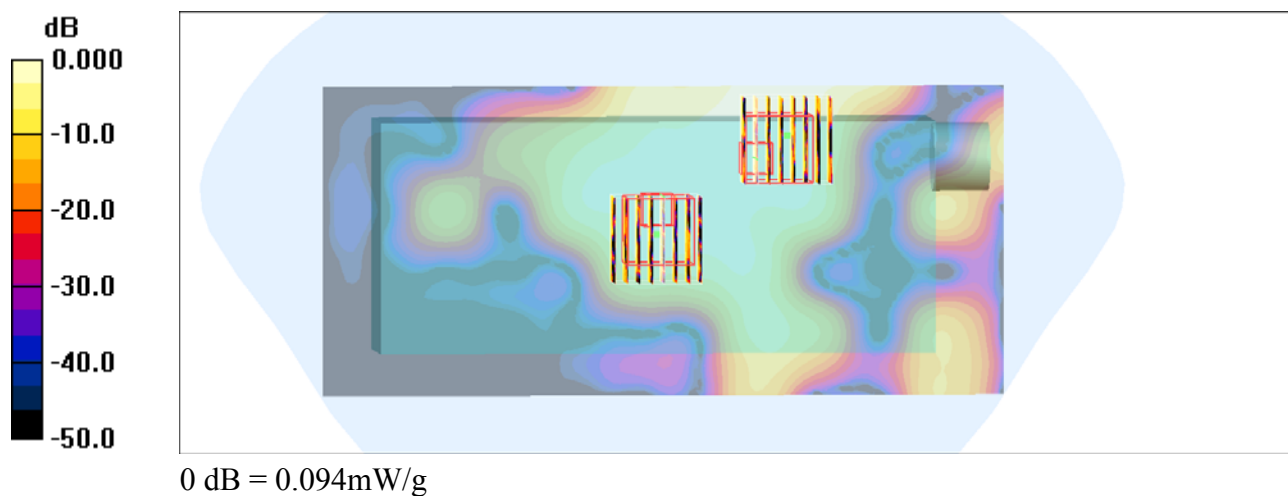
Ch149/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.19 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.094 mW/g



#69 802.11a_Back_1.5cm_Ch36_Ant1_Battery1_Earphone**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110703 Medium parameters used : $f = 5180$ MHz; $\sigma = 5.33$ mho/m; $\epsilon_r = 48.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.97, 3.97, 3.97); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch36/Area Scan (101x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.024 mW/g

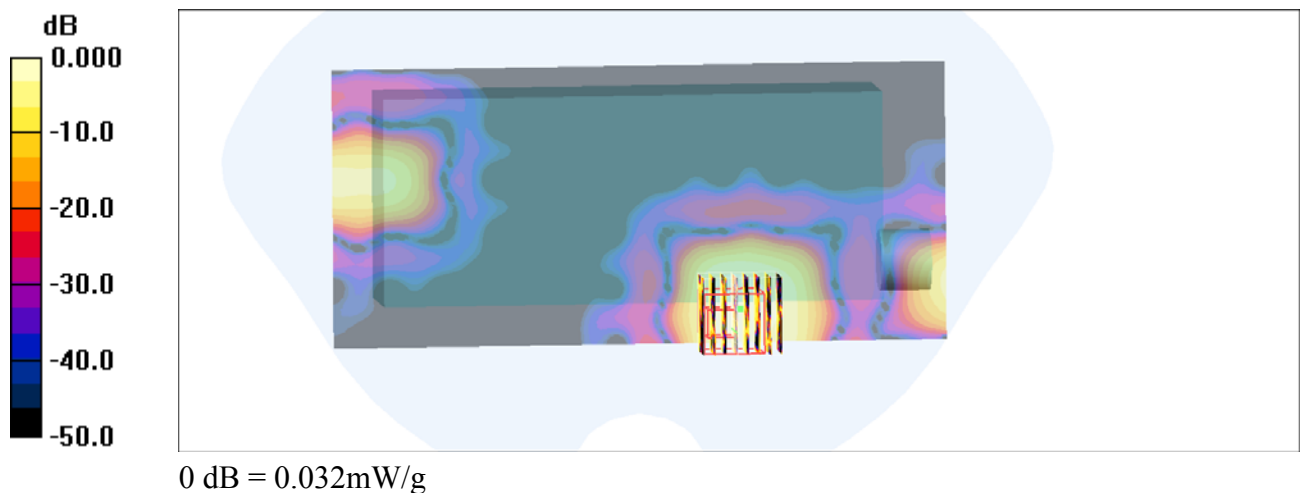
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.21 V/m; Power Drift = -0.189 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.0051 mW/g

Maximum value of SAR (measured) = 0.032 mW/g



#70 802.11a_Back_1.5cm_Ch48_Ant1_Battery1_Earphone**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110703 Medium parameters used : $f = 5240$ MHz; $\sigma = 5.41$ mho/m; $\epsilon_r = 48.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.97, 3.97, 3.97); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch48/Area Scan (101x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.009 mW/g

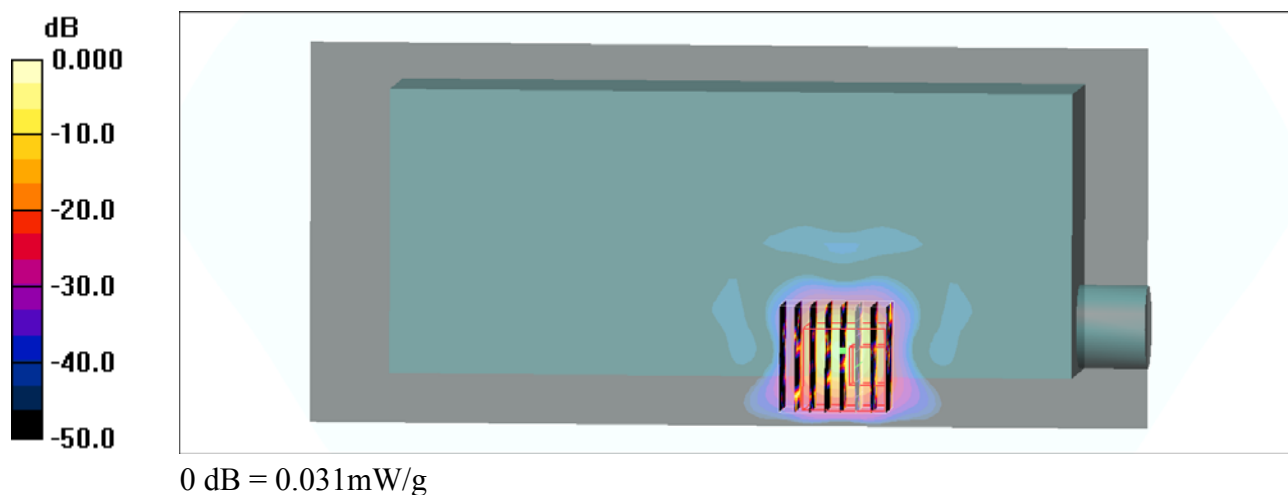
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.16 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.0033 mW/g

Maximum value of SAR (measured) = 0.031 mW/g



#71 802.11a_Back_1.5cm_Ch52_Ant1_Battery1_Earphone**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110703 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.44$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.97, 3.97, 3.97); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Area Scan (101x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.030 mW/g

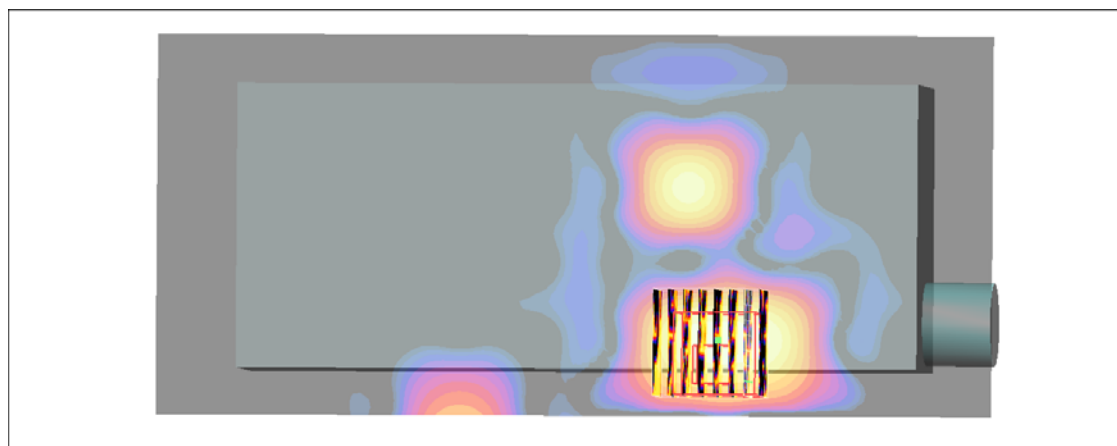
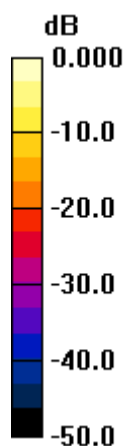
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.62 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00649 mW/g

Maximum value of SAR (measured) = 0.031 mW/g



0 dB = 0.031mW/g

#72 802.11a_Back_1.5cm_Ch64_Ant1_Battery1_Earphone**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110703 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.53$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(3.87, 3.87, 3.87); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch64/Area Scan (101x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.047 mW/g

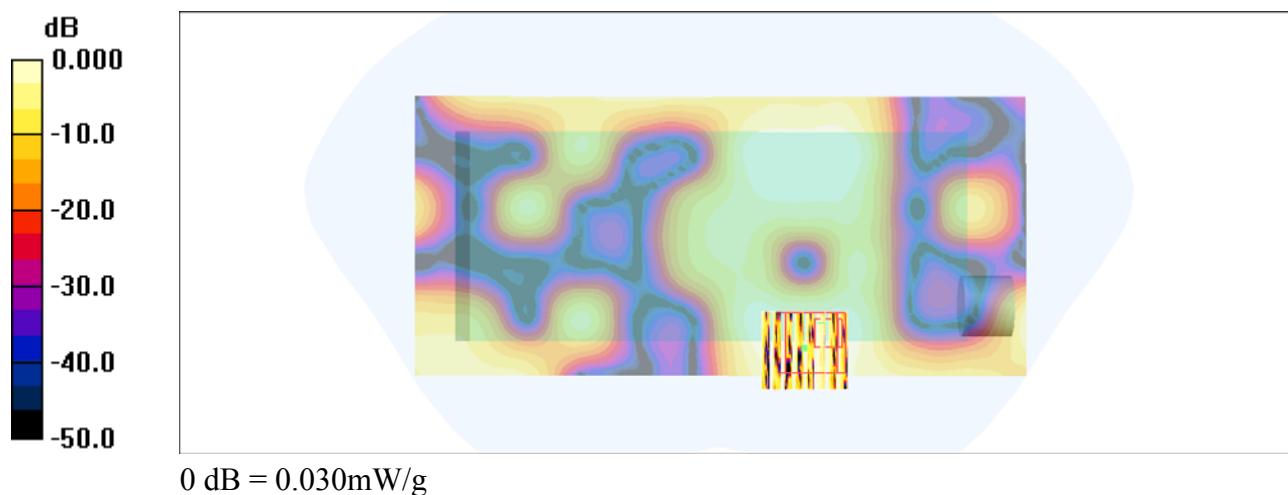
Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.544 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00475 mW/g

Maximum value of SAR (measured) = 0.030 mW/g



#73 802.11a_Back_1.5cm_Ch104_Ant1_Battery1_Earphone**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110703 Medium parameters used : $f = 5520$ MHz; $\sigma = 5.83$ mho/m; $\epsilon_r = 48$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.44, 3.44, 3.44); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch104/Area Scan (101x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.117 mW/g

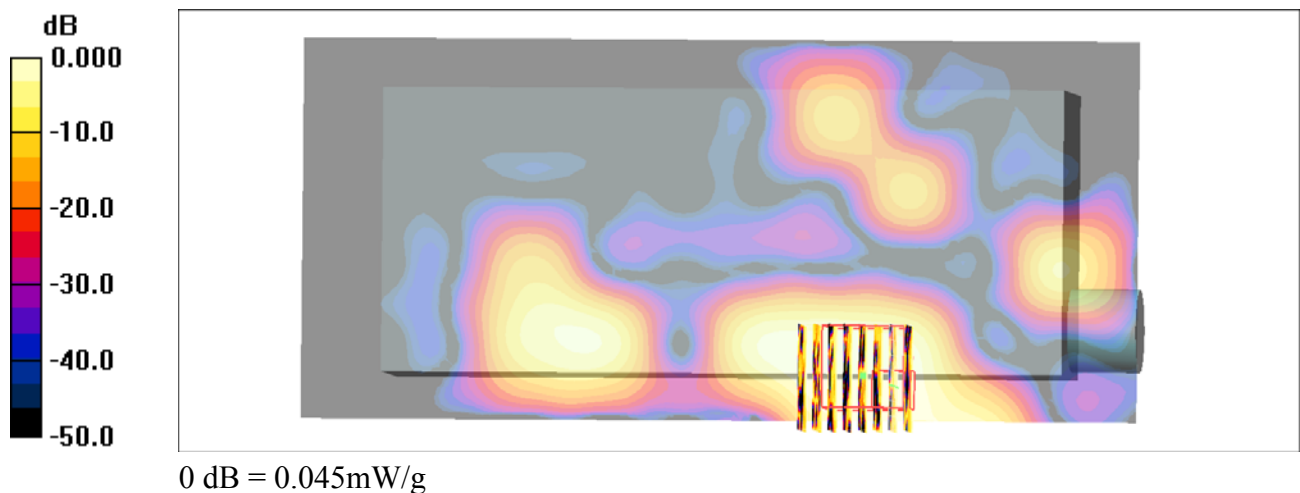
Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.202 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00745 mW/g

Maximum value of SAR (measured) = 0.045 mW/g



#74 802.11a_Back_1.5cm_Ch116_Ant1_Battery1_Earphone**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110703 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.92$ mho/m; $\epsilon_r = 47.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.44, 3.44, 3.44); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch116/Area Scan (141x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.075 mW/g

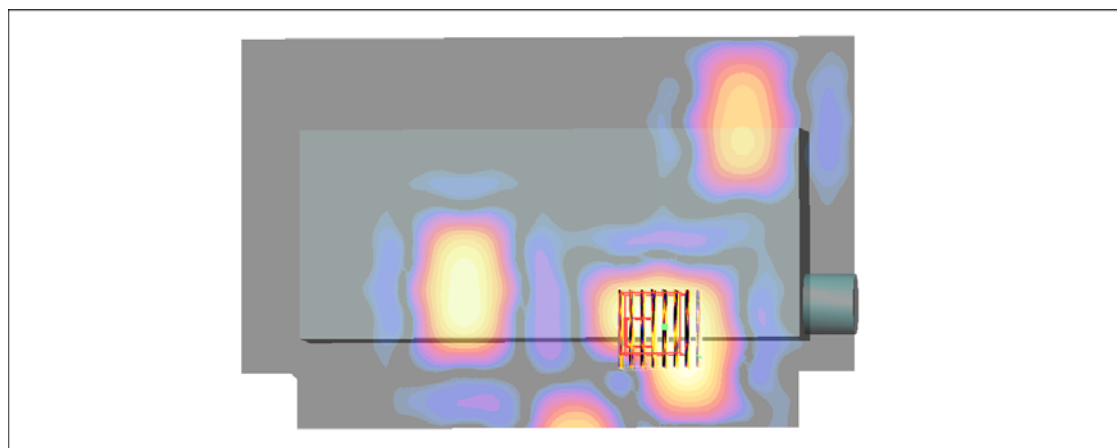
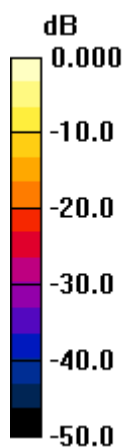
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.156 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.00938 mW/g

Maximum value of SAR (measured) = 0.049 mW/g



0 dB = 0.049mW/g

#75 802.11a_Back_1.5cm_Ch124_Ant1_Battery1_Earphone**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5620 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110703 Medium parameters used : $f = 5620$ MHz; $\sigma = 5.97$ mho/m; $\epsilon_r = 47.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.44, 3.44, 3.44); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch124/Area Scan (141x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.117 mW/g

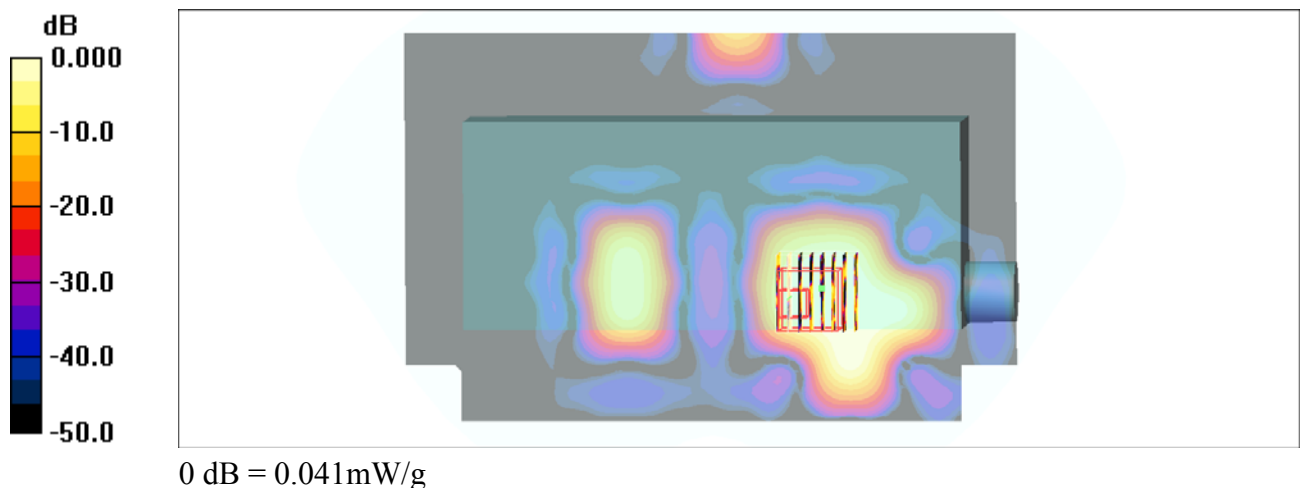
Ch124/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.399 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00829 mW/g

Maximum value of SAR (measured) = 0.041 mW/g



#76 802.11a_Back_1.5cm_Ch136_Ant1_Battery1_Earphone**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5680 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110703 Medium parameters used : $f = 5680$ MHz; $\sigma = 6.04$ mho/m; $\epsilon_r = 47.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.44, 3.44, 3.44); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch136/Area Scan (141x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.044 mW/g

Ch136/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.942 V/m; Power Drift = -0.173 dB

Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.056 mW/g

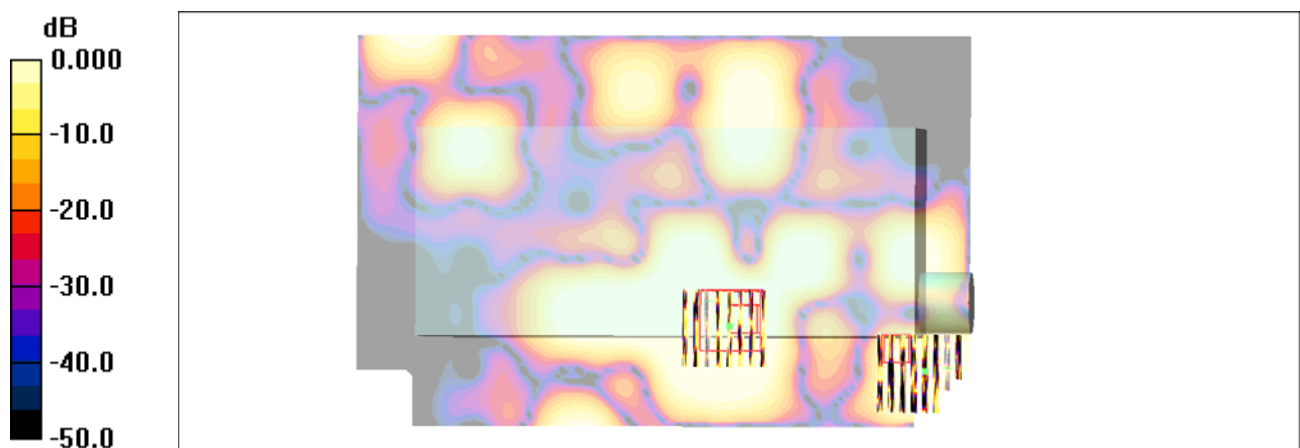
Ch136/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.942 V/m; Power Drift = -0.173 dB

Peak SAR (extrapolated) = 0.031 W/kg

SAR(1 g) = 0.00197 mW/g; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.014 mW/g



0 dB = 0.014mW/g

#77 802.11a_Back_1.5cm_Ch149_Ant1_Battery1_Earphone**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110703 Medium parameters used : $f = 5745$ MHz; $\sigma = 6.17$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.66, 3.66, 3.66); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch149/Area Scan (141x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.050 mW/g

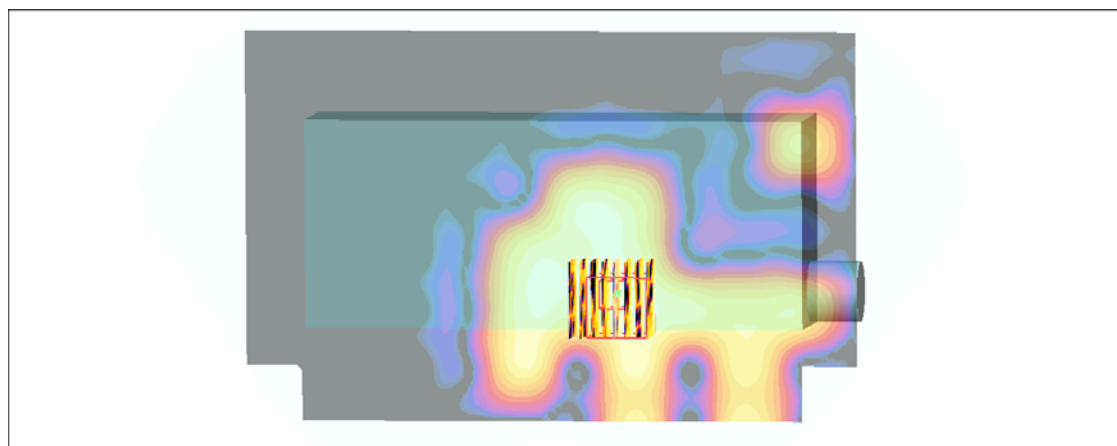
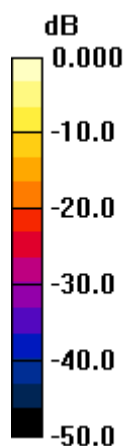
Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.840 V/m; Power Drift = -0.163 dB

Peak SAR (extrapolated) = 0.094 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.061 mW/g



0 dB = 0.061mW/g

#78 802.11a_Back_1.5cm_Ch161_Ant1_Battery1_Earphone**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110703 Medium parameters used : $f = 5805$ MHz; $\sigma = 6.24$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.66, 3.66, 3.66); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (141x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.058 mW/g

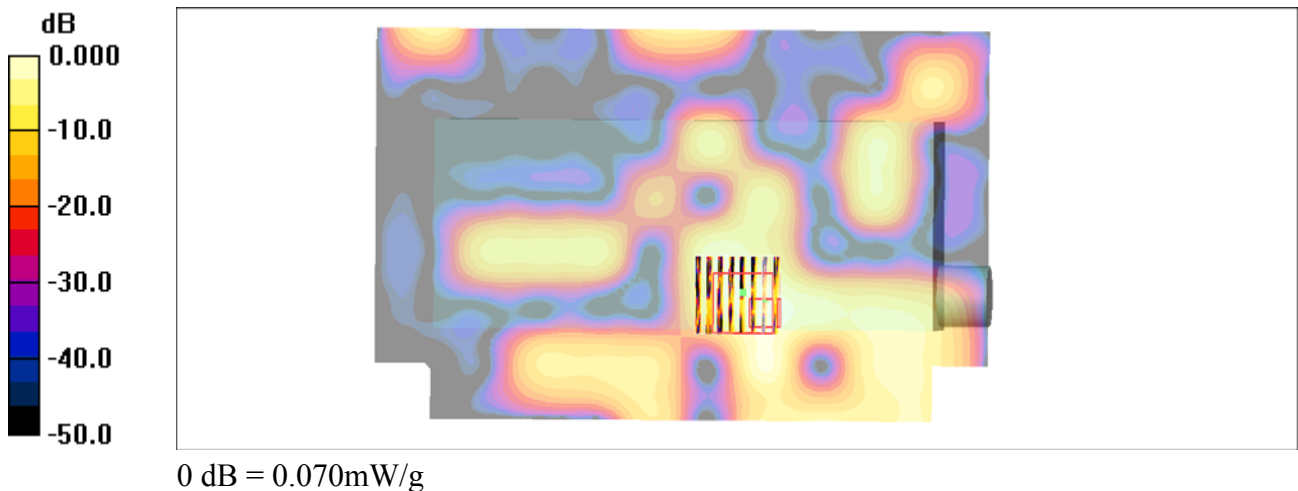
Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.80 V/m; Power Drift = -0.178 dB

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.070 mW/g



#79 802.11a_Back_1.5cm_Ch165_Ant1_Battery1_Earphone**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110703 Medium parameters used : $f = 5825$ MHz; $\sigma = 6.28$ mho/m; $\epsilon_r = 47.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.66, 3.66, 3.66); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch165/Area Scan (141x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.203 mW/g

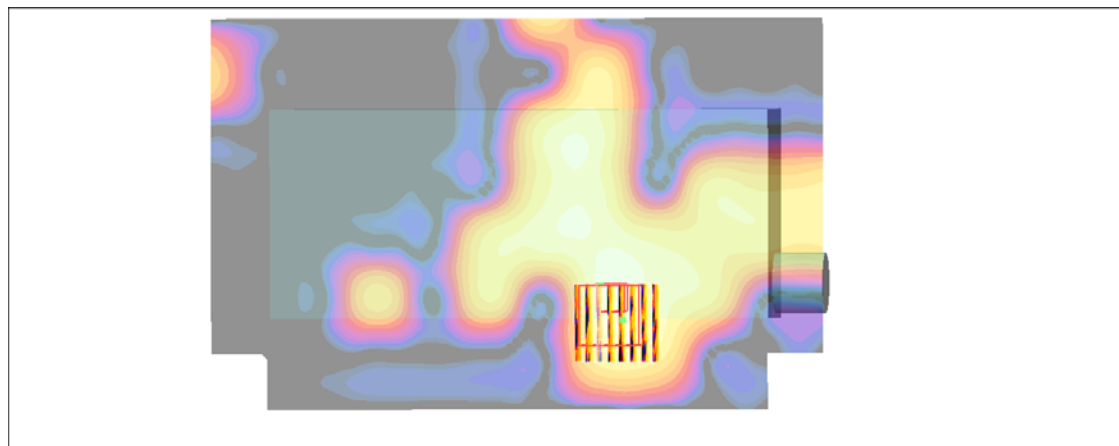
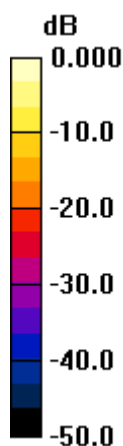
Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.59 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 0.852 W/kg

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.208 mW/g



0 dB = 0.208mW/g

#79 802.11a_Back_1.5cm_Ch165_Ant1_Battery1_Earphone_2D**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110703 Medium parameters used : $f = 5825$ MHz; $\sigma = 6.28$ mho/m; $\epsilon_r = 47.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.66, 3.66, 3.66); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch165/Area Scan (141x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.203 mW/g

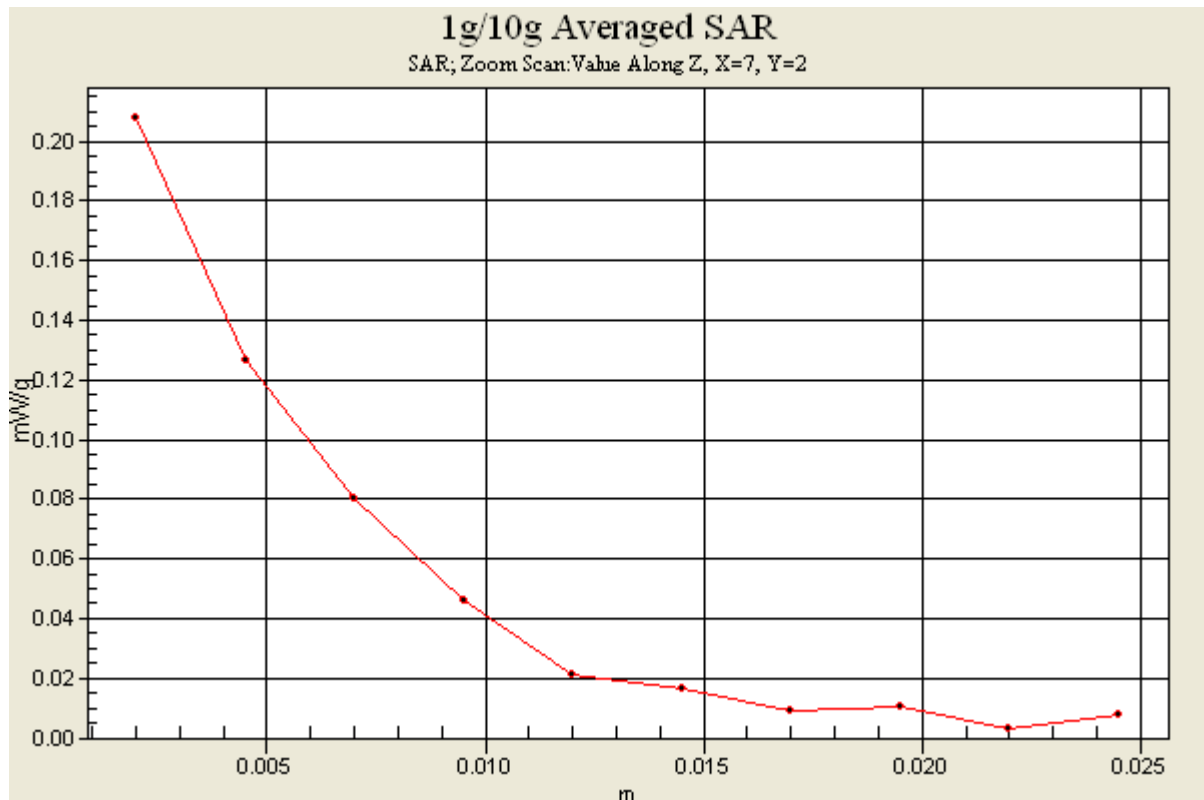
Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.59 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 0.852 W/kg

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.208 mW/g



#80 802.11a_Back_1.5cm_Ch165_Ant1_Battery2_Earphone**DUT: 132448-01**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110703 Medium parameters used : $f = 5825$ MHz; $\sigma = 6.28$ mho/m; $\epsilon_r = 47.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.66, 3.66, 3.66); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch165/Area Scan (141x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.119 mW/g

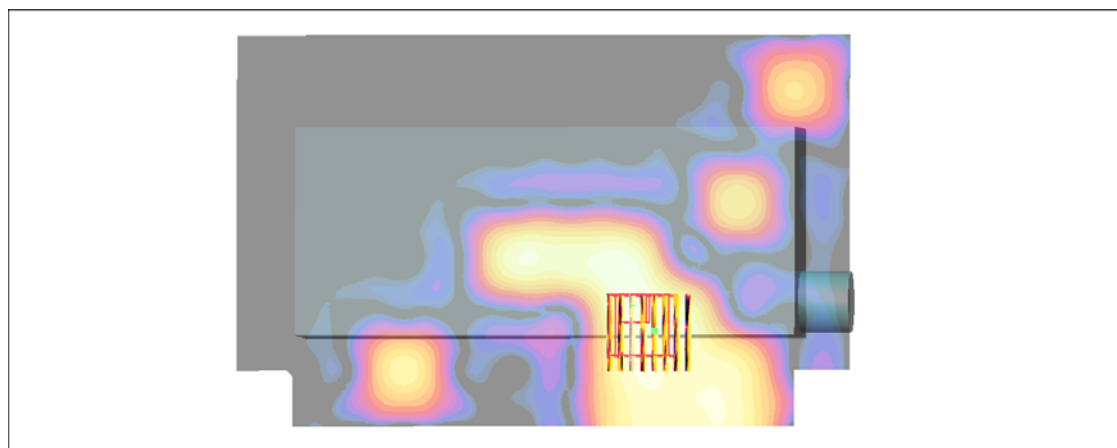
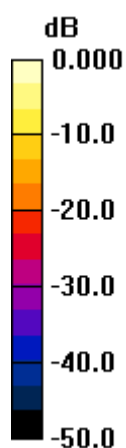
Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.02 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.088 mW/g



0 dB = 0.088mW/g