



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#22 GSM1900_DTM 5 (2 Tx slots)_Right Cheek_Ch512_Battery #1

DUT: 340403

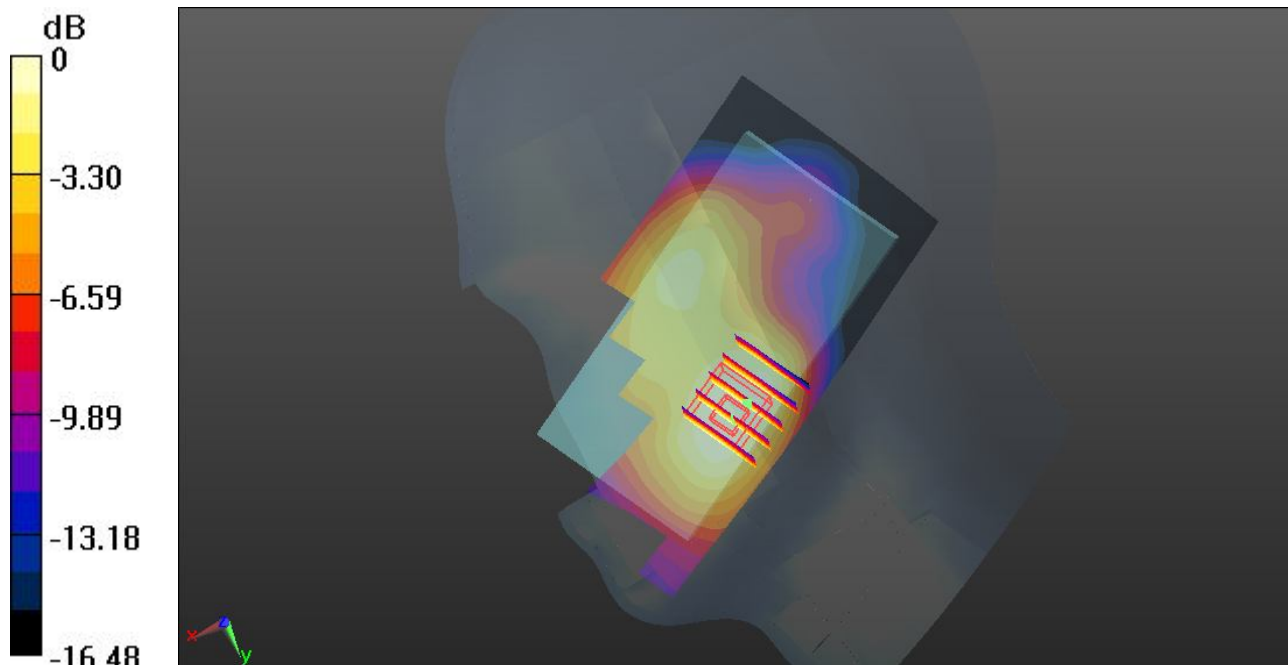
Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: HSL_1900_130816 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.365$ mho/m; $\epsilon_r = 41.266$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.392 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.108 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.446 mW/g
SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.192 mW/g
Maximum value of SAR (measured) = 0.371 W/kg



0 dB = 0.371 W/kg

#23 GSM1900_DTM 5 (2 Tx slots)_Right Tilted_Ch512_Battery #1

DUT: 340403

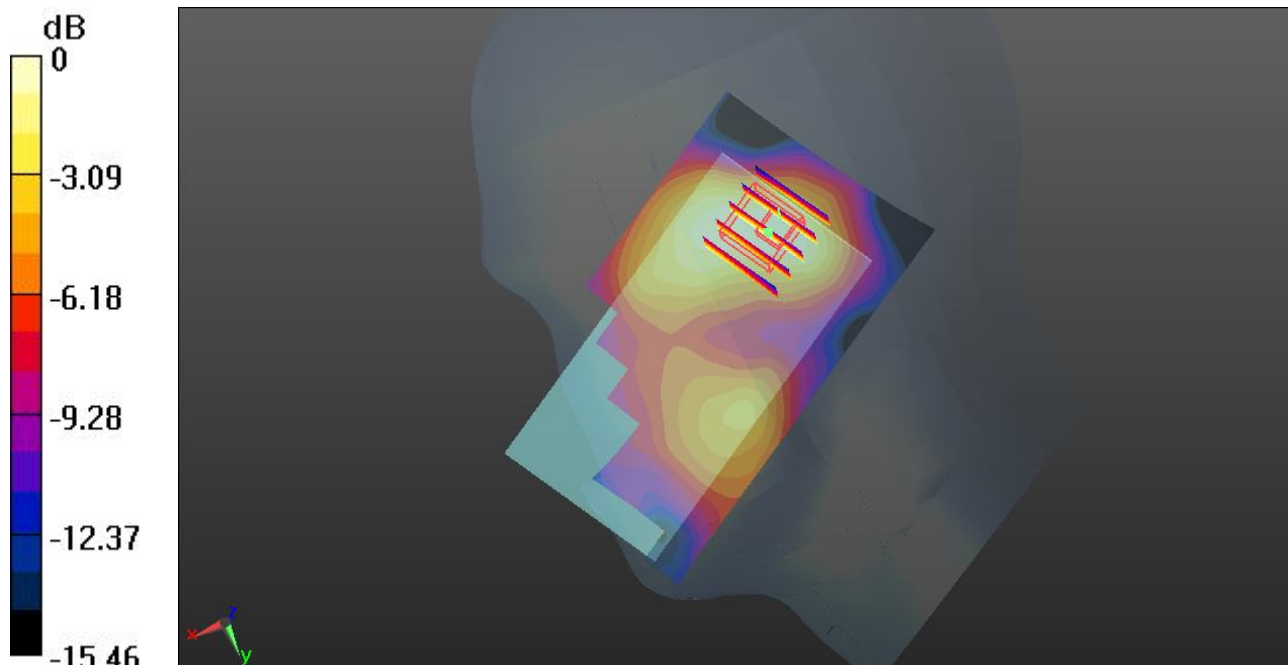
Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: HSL_1900_130816 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.365$ mho/m; $\epsilon_r = 41.266$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.173 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.766 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.199 mW/g
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.160 W/kg



0 dB = 0.160 W/kg

#24 GSM1900_DTM 5 (2 Tx slots)_Left Cheek_Ch512_Battery #1

DUT: 340403

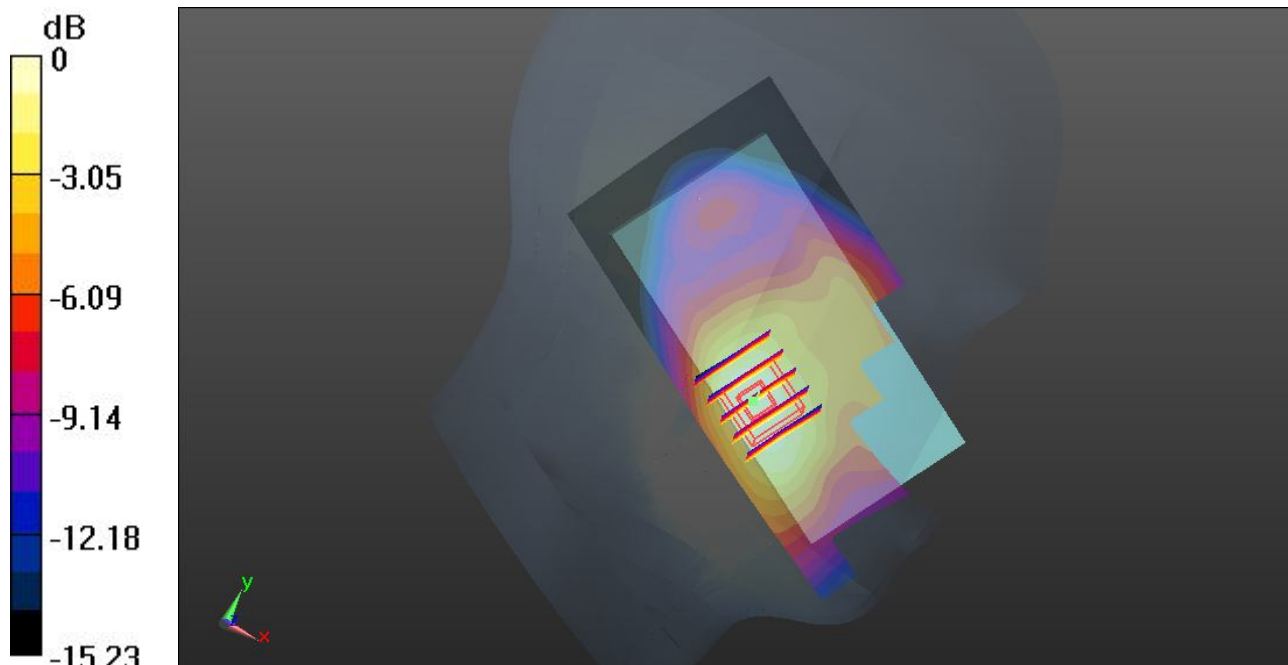
Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: HSL_1900_130816 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.365$ mho/m; $\epsilon_r = 41.266$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.405 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.573 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.461 mW/g
SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.194 mW/g
Maximum value of SAR (measured) = 0.388 W/kg



0 dB = 0.388 W/kg

#25 GSM1900_DTM 5 (2 Tx slots)_Left Tilted_Ch512_Battery #1

DUT: 340403

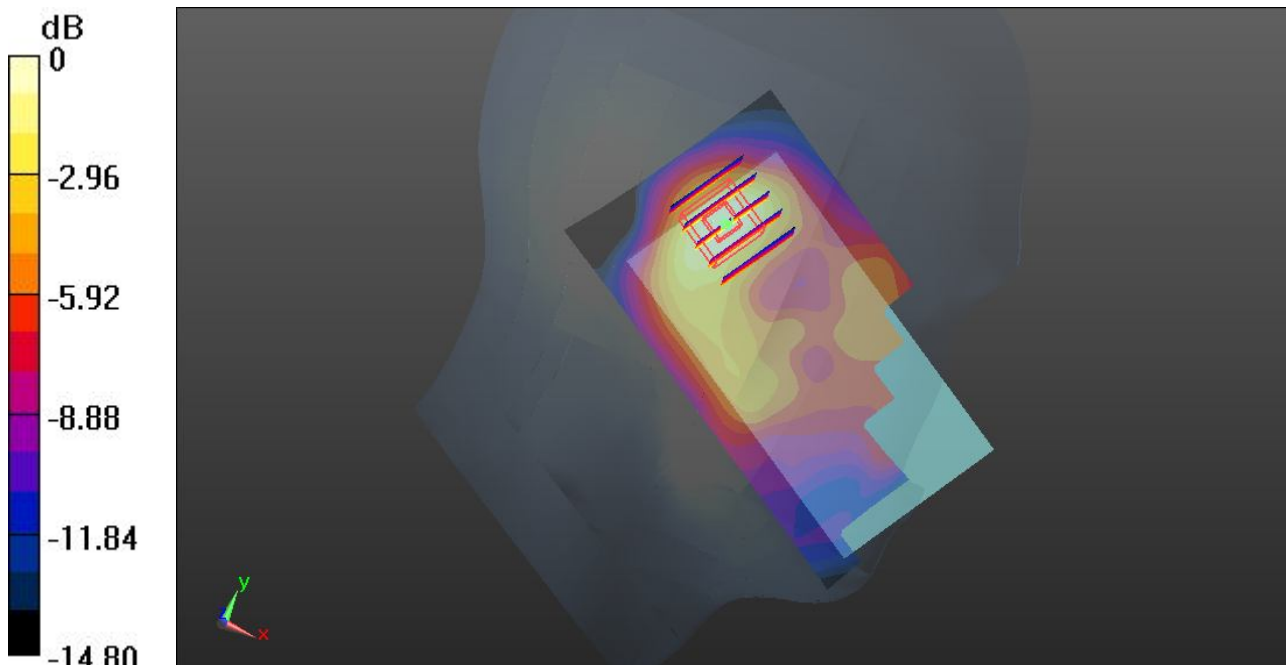
Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: HSL_1900_130816 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.365$ mho/m; $\epsilon_r = 41.266$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.161 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.077 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.200 mW/g
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.156 W/kg



0 dB = 0.156 W/kg

#26 GSM1900_DTM 5 (2 Tx slots)_Left Cheek_Ch512_Battery #2

DUT: 340403

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: HSL_1900_130816 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.365$ mho/m; $\epsilon_r = 41.266$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.396 W/kg

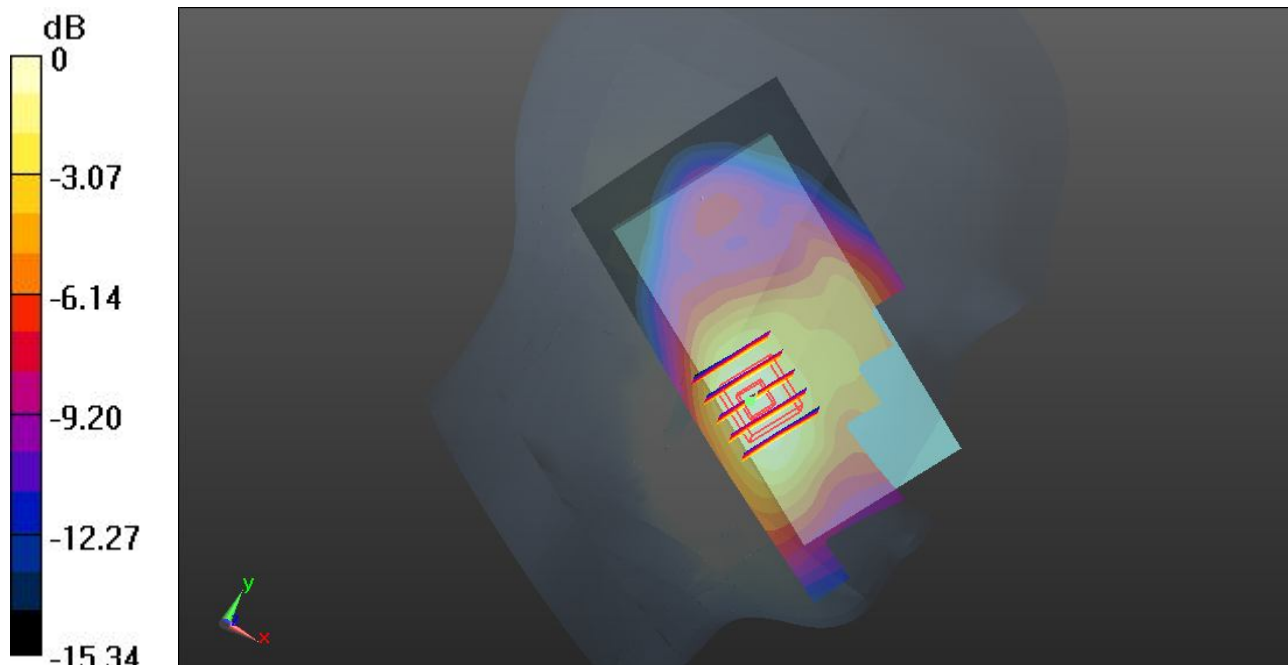
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.822 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.448 mW/g

SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.382 W/kg



0 dB = 0.382 W/kg

#231 LTE Band 7_QPSK 1RB 49offset_Right Cheek_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: HSL_2600_130907 Medium parameters used: $f = 2514$ MHz; $\sigma = 1.898$ mho/m; $\epsilon_r =$

38.594 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0771 W/kg

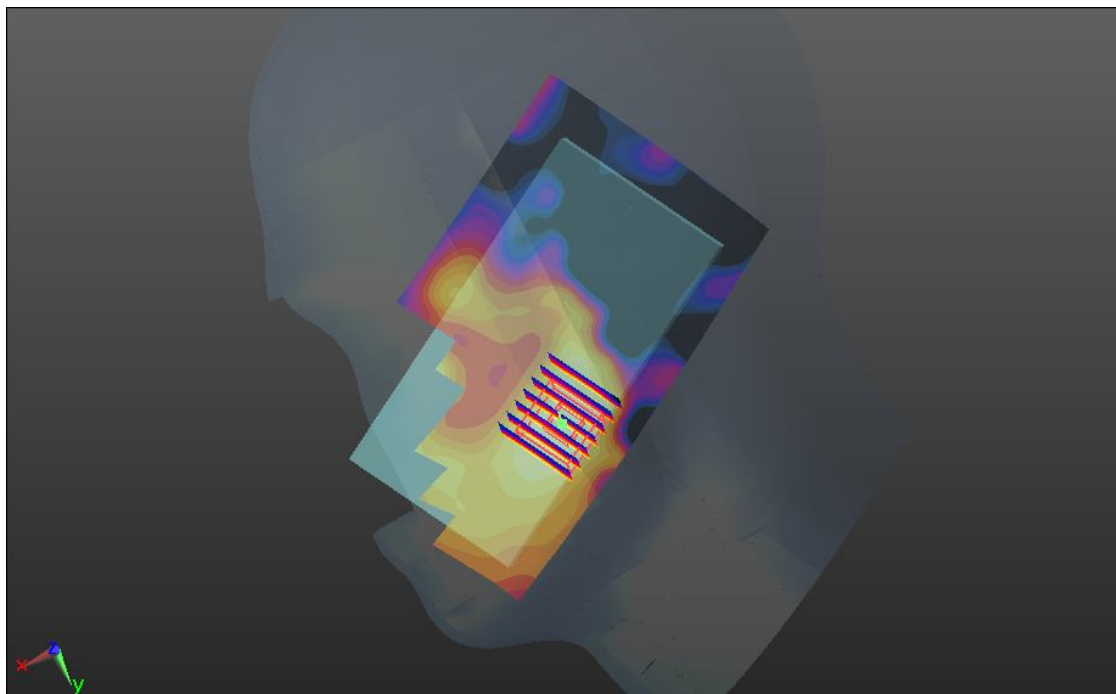
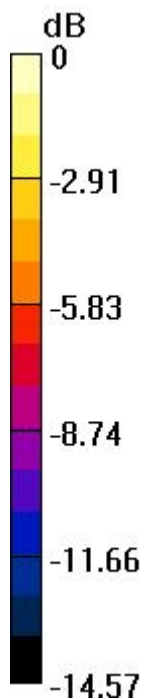
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.630 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.102 mW/g

SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.1181 W/kg



0 dB = 0.1181 W/kg

#232 LTE Band 7_QPSK 1RB 49offset_Right Tilted_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: HSL_2600_130907 Medium parameters used: $f = 2514$ MHz; $\sigma = 1.898$ mho/m; $\epsilon_r =$

38.594 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0474 W/kg

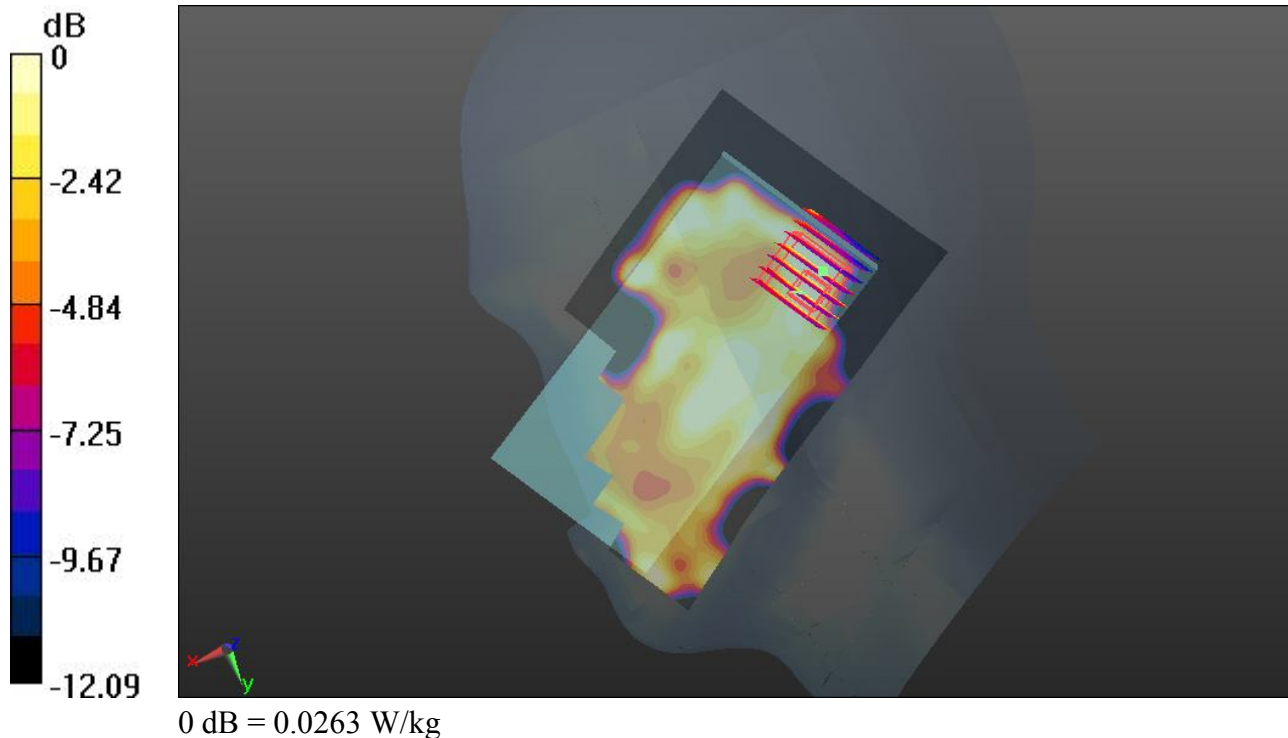
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.041 V/m; Power Drift = -0.01dB

Peak SAR (extrapolated) = 0.032 mW/g

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.0263 W/kg



#233 LTE Band 7_QPSK 1RB 49offset_Left Cheek_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: HSL_2600_130907 Medium parameters used: $f = 2514$ MHz; $\sigma = 1.898$ mho/m; $\epsilon_r =$

38.594 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0942 W/kg

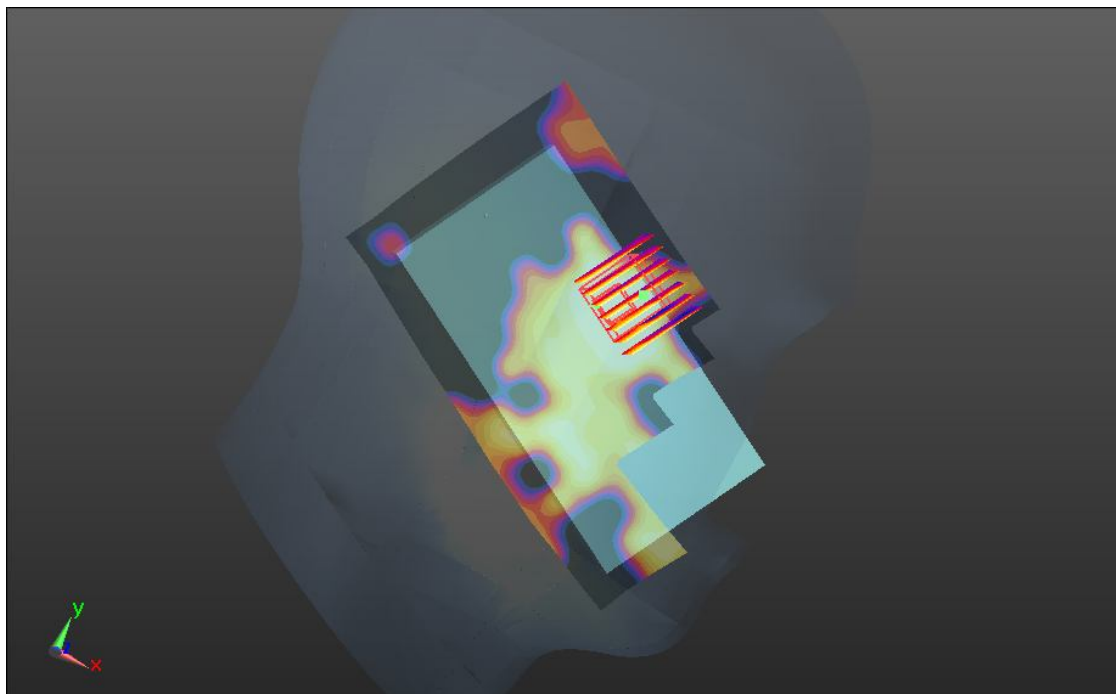
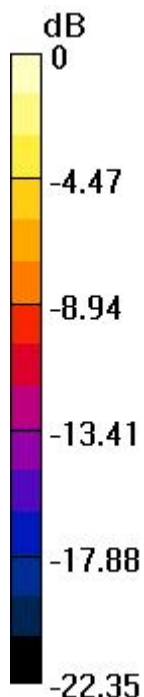
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.615 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.081 mW/g

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.0617 W/kg



0 dB = 0.0617 W/kg

#234 LTE Band 7_QPSK 1RB 49offset_Left Tilted_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: HSL_2600_130907 Medium parameters used: $f = 2514$ MHz; $\sigma = 1.898$ mho/m; $\epsilon_r =$

38.594 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0364 W/kg

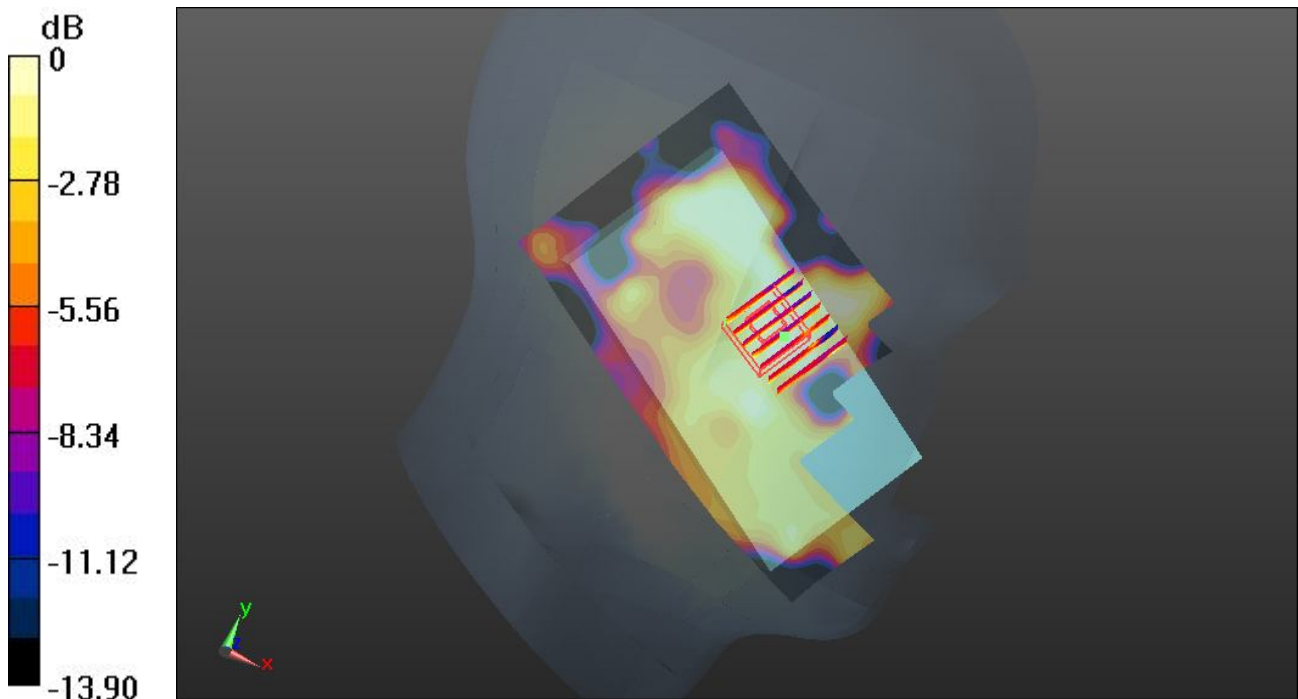
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.899 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.027 mW/g

SAR(1 g) = 0.010mW/g; SAR(10 g) = 0.00812 mW/g

Maximum value of SAR (measured) = 0.0227 W/kg



0 dB = 0.0227 W/kg

#235 LTE Band 7_QPSK 1RB 49offset_Right Cheek_Ch20890_Battery #2

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: HSL_2600_130907 Medium parameters used: $f = 2514$ MHz; $\sigma = 1.898$ mho/m; $\epsilon_r =$

38.594 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.111 W/kg

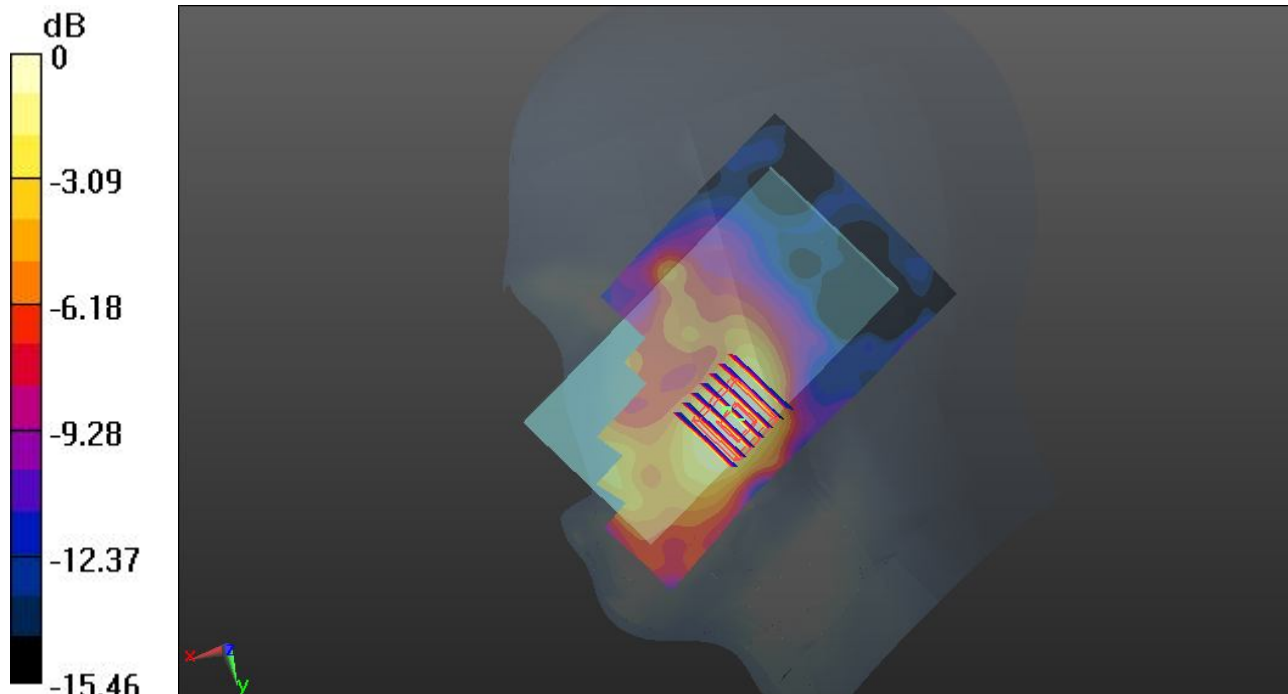
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.370 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.142 mW/g

SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.103 W/kg

#236 LTE Band 7_QPSK 50RB 24offset_Right Cheek_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: HSL_2600_130907 Medium parameters used: $f = 2514$ MHz; $\sigma = 1.898$ mho/m; $\epsilon_r =$

38.594 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0599 W/kg

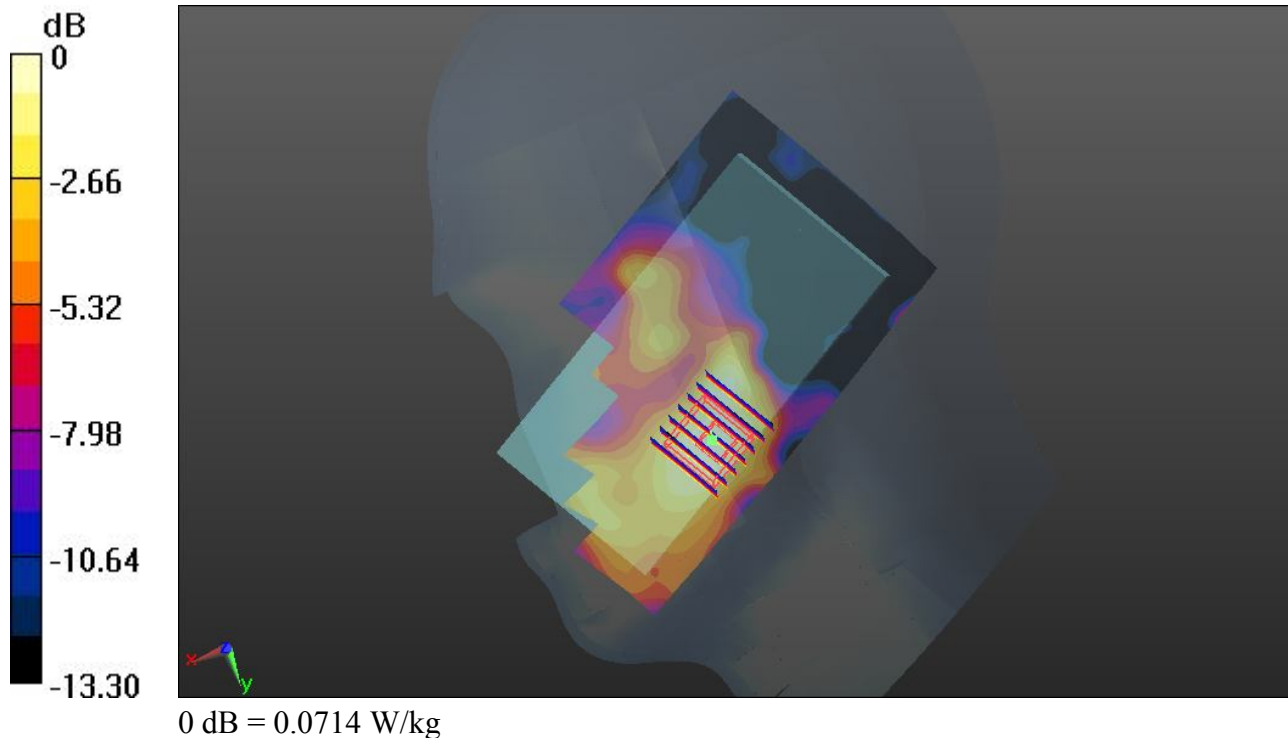
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.469 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.083 mW/g

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.0714 W/kg



#237 LTE Band 7_QPSK 50RB 24offset_Right Tilted_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: HSL_2600_130907 Medium parameters used: $f = 2514$ MHz; $\sigma = 1.898$ mho/m; $\epsilon_r =$

38.594 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0416 W/kg

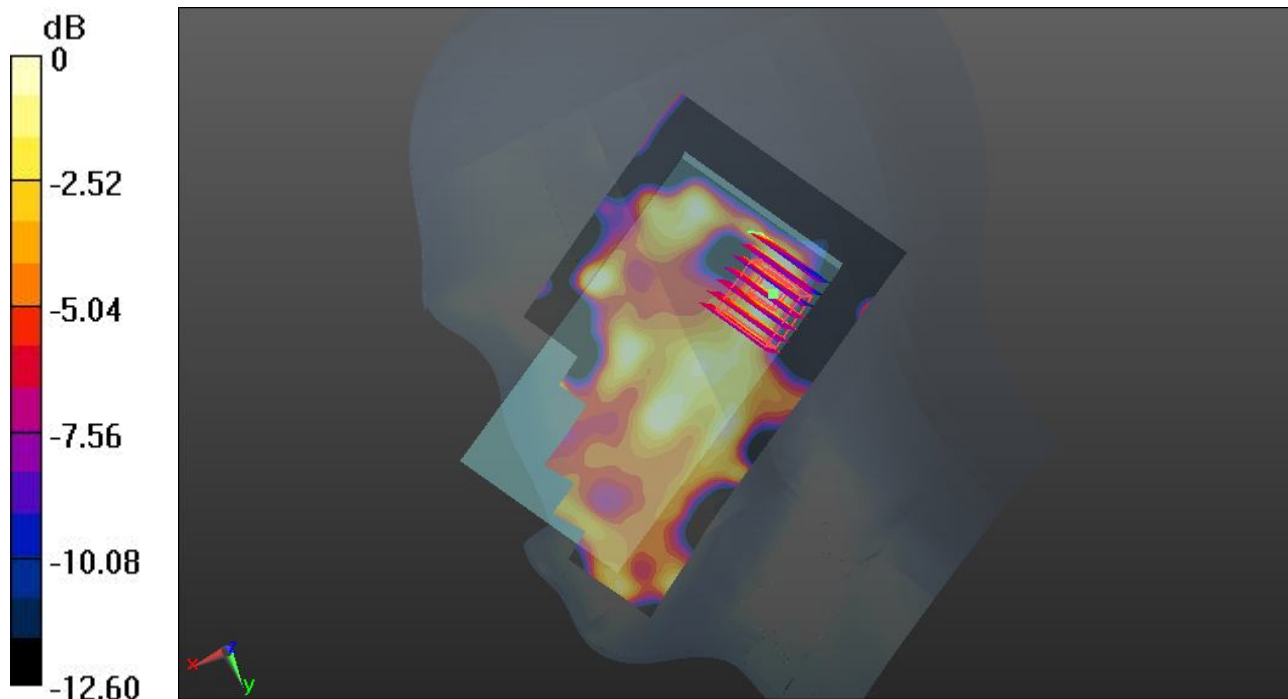
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.970 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.034 mW/g

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00617 mW/g

Maximum value of SAR (measured) = 0.0282 W/kg



0 dB = 0.0282 W/kg

#238 LTE Band 7_QPSK 50RB 24offset_Left Cheek_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: HSL_2600_130907 Medium parameters used: $f = 2514$ MHz; $\sigma = 1.898$ mho/m; $\epsilon_r =$

38.594 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0764 W/kg

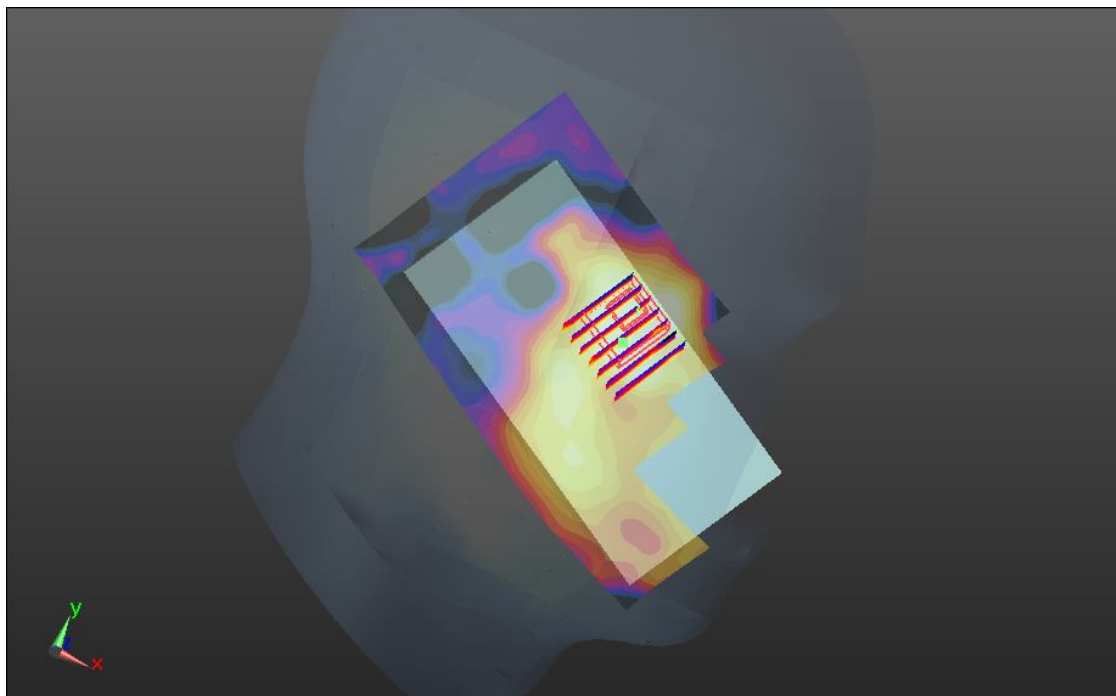
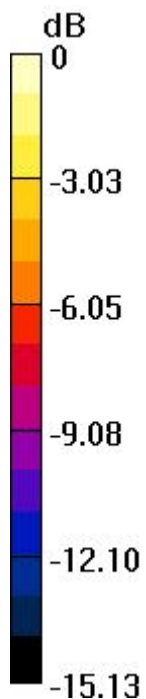
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.641 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.063 mW/g

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.0498 W/kg



0 dB = 0.0498 W/kg

#239 LTE Band 7_QPSK 50RB 24offset_Left Tilted_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: HSL_2600_130907 Medium parameters used: $f = 2514$ MHz; $\sigma = 1.898$ mho/m; $\epsilon_r =$

38.594 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0384 W/kg

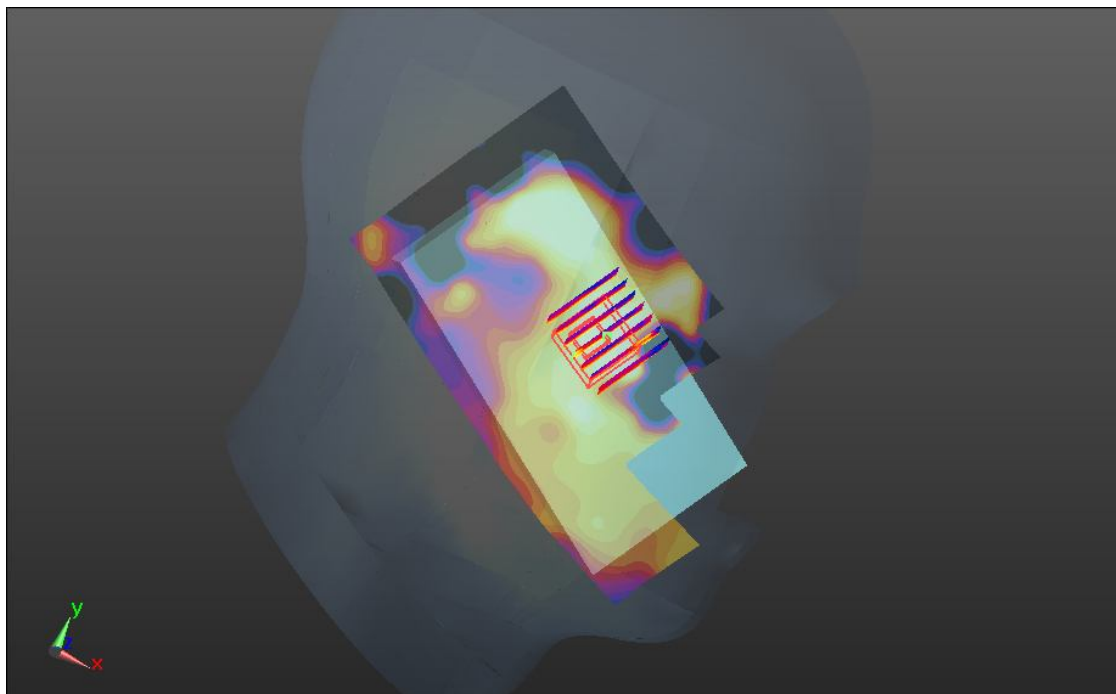
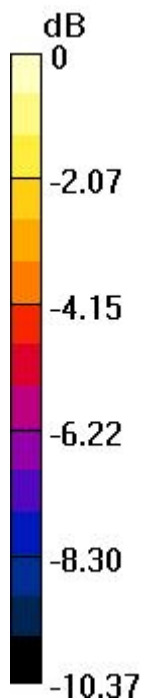
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.554 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.035 mW/g

SAR(1 g) = 0.008 mW/g; SAR(10 g) = 0.00477 mW/g

Maximum value of SAR (measured) = 0.0182 W/kg



0 dB = 0.0182 W/kg

#240 LTE Band 7_QPSK 50RB 24offset_Right Cheek_Ch20890_Battery #2

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: HSL_2600_130907 Medium parameters used: $f = 2514$ MHz; $\sigma = 1.898$ mho/m; $\epsilon_r =$

38.594 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0839 W/kg

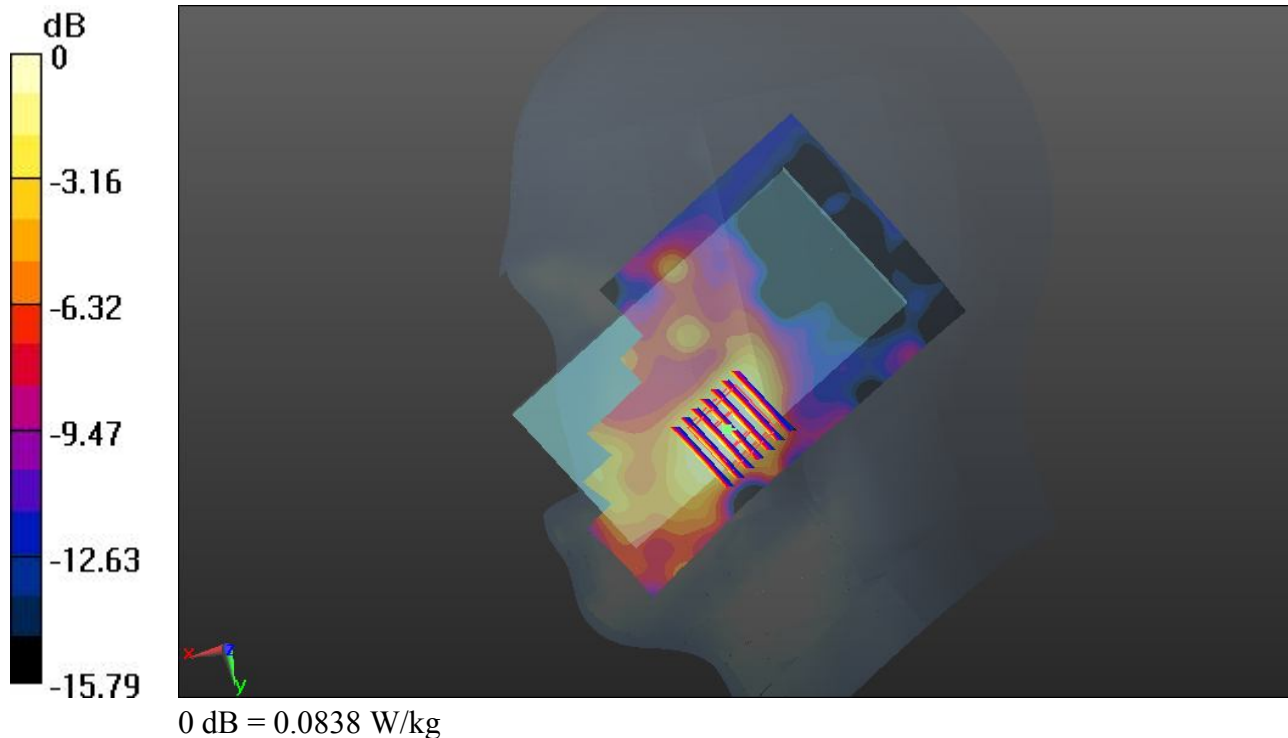
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.203 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.113 mW/g

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.0838 W/kg



#38 WLAN 2.4GHz_802.11b_Right Cheek_Ch11_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: HSL_2450_130827 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 37.627$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.177 W/kg

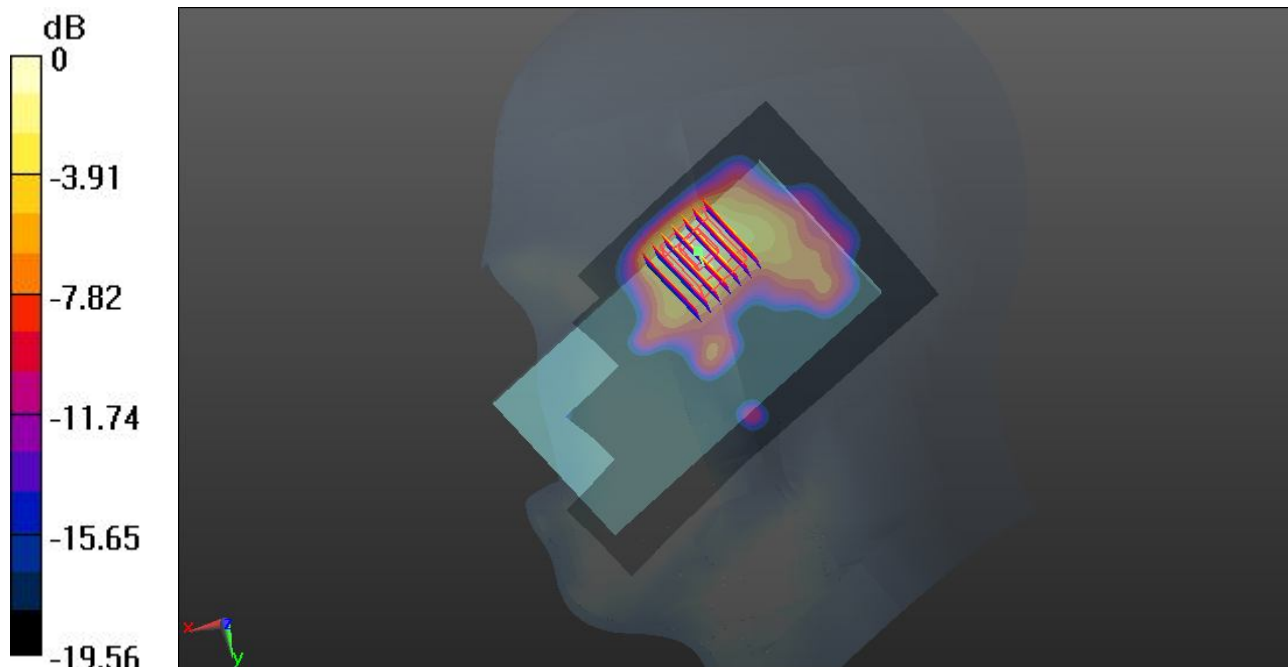
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.290 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.268 mW/g

SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg

#39 WLAN 2.4GHz_802.11b_Right Tilted_Ch11_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: HSL_2450_130827 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 37.627$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0530 W/kg

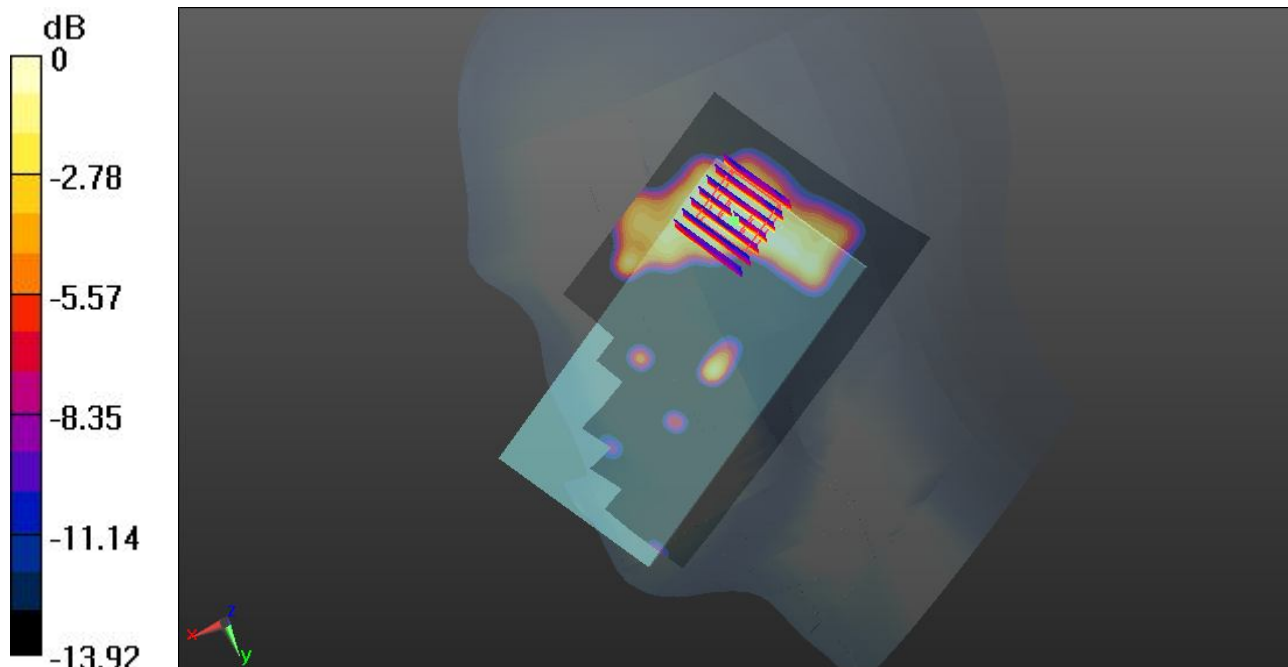
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.705 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.066 mW/g

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.0515 W/kg



0 dB = 0.0515 W/kg

#40 WLAN 2.4GHz_802.11b_Left Cheek_Ch11_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: HSL_2450_130827 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 37.627$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

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

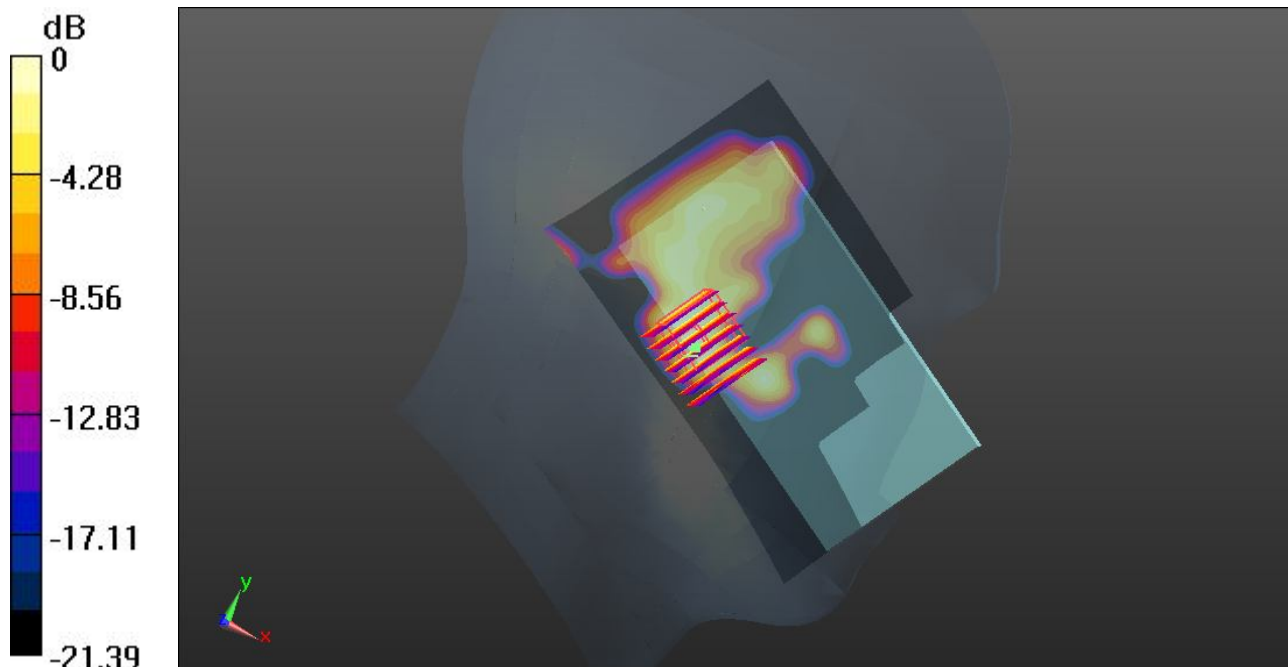
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.02 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.126 mW/g

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.0978 W/kg



0 dB = 0.0978 W/kg

#41 WLAN 2.4GHz_802.11b_Left Tilted_Ch11_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: HSL_2450_130827 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 37.627$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0662 W/kg

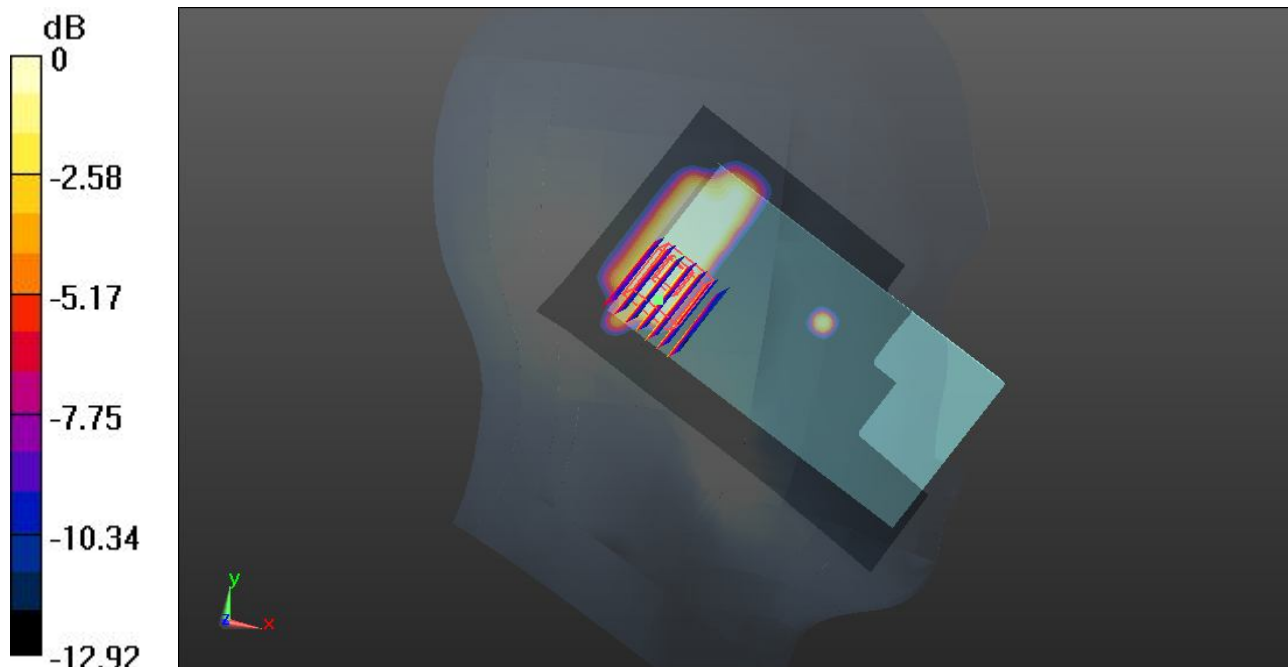
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.056 mW/g

SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.0407 W/kg



0 dB = 0.0407 W/kg

#42 WLAN 2.4GHz_802.11b_Right Cheek_Ch11_Battery #2

DUT: 340403

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: HSL_2450_130827 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 37.627$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.139 W/kg

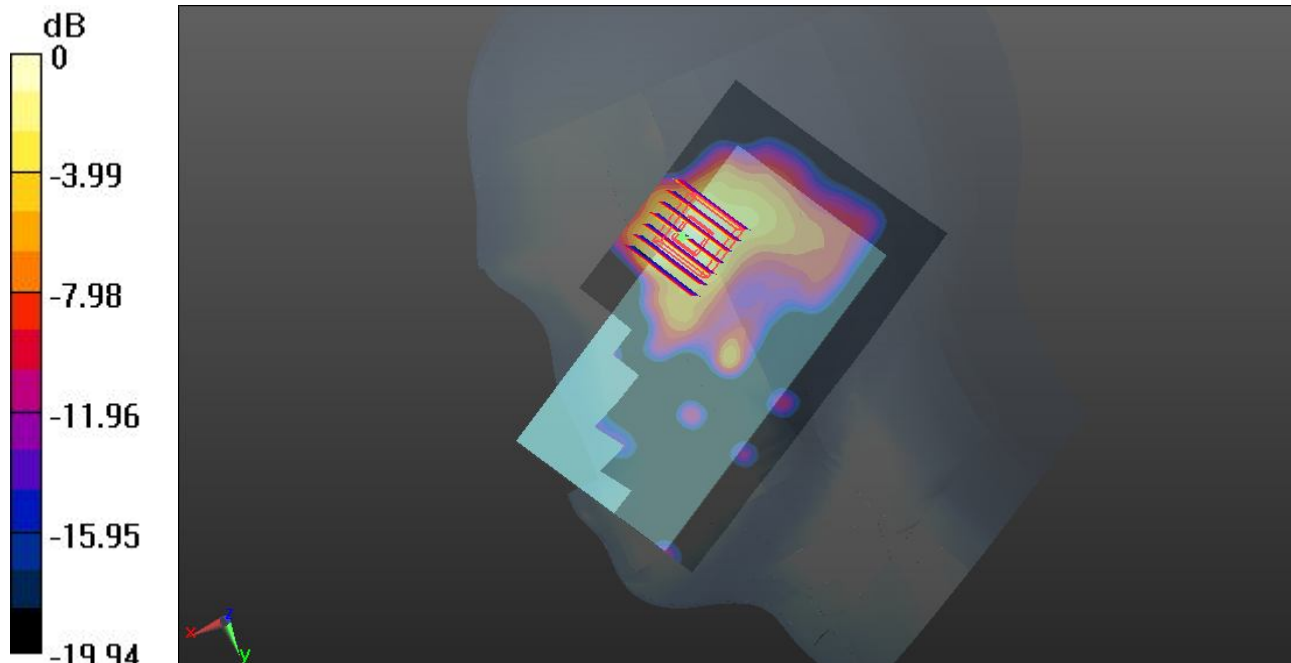
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.634 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.212 mW/g

SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.143 W/kg



0 dB = 0.143 W/kg

#43 WLAN 5.2GHz_802.11a 6Mbps_Right Cheek_Ch48_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_130827 Medium parameters used: $f = 5240 \text{ MHz}$; $.146\sigma = 4.743 \text{ mho/m}$; $\epsilon_r =$

36.961 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.11, 5.11, 5.11); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (91x151x1): Interpolated grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

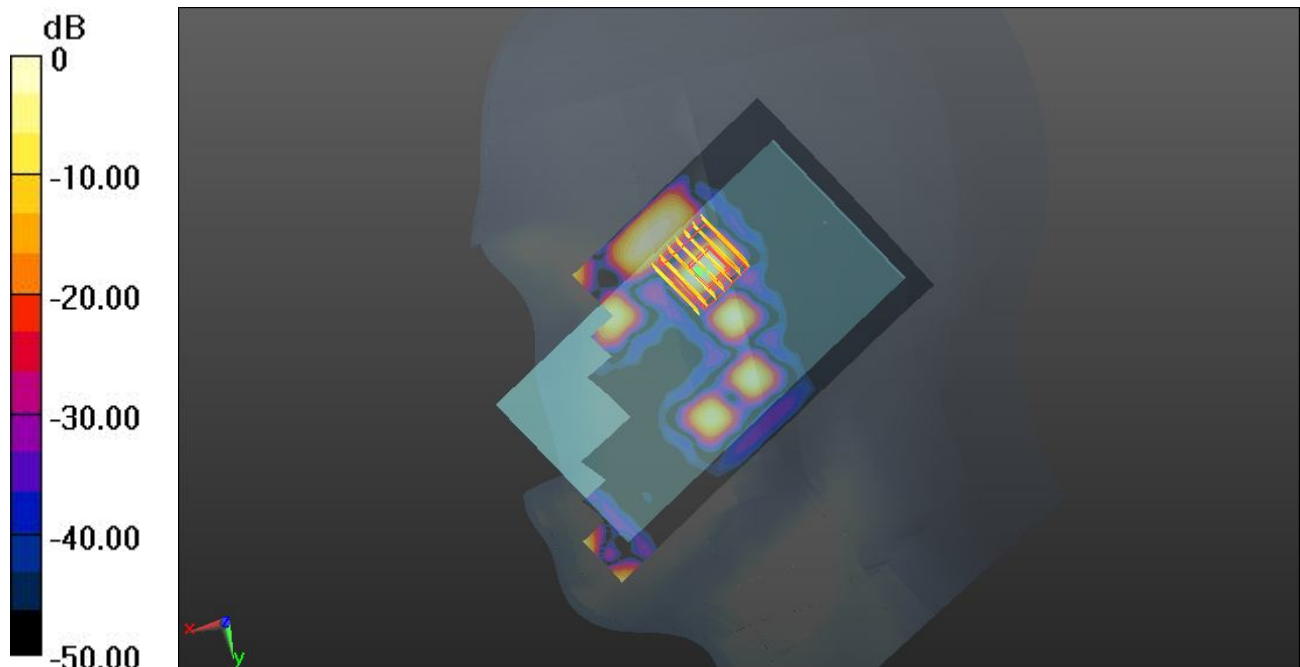
Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 4.160 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.245 mW/g

SAR(1 g) = 0.026 mW/g ; SAR(10 g) = 0.00496 mW/g

Maximum value of SAR (measured) = 0.100 W/kg



0 dB = 0.100 W/kg

#44 WLAN 5.2GHz_802.11a 6Mbps_Right Tilted_Ch48_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_130827 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.743$ mho/m; $\epsilon_r =$

36.961 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.11, 5.11, 5.11); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (101x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.124 W/kg

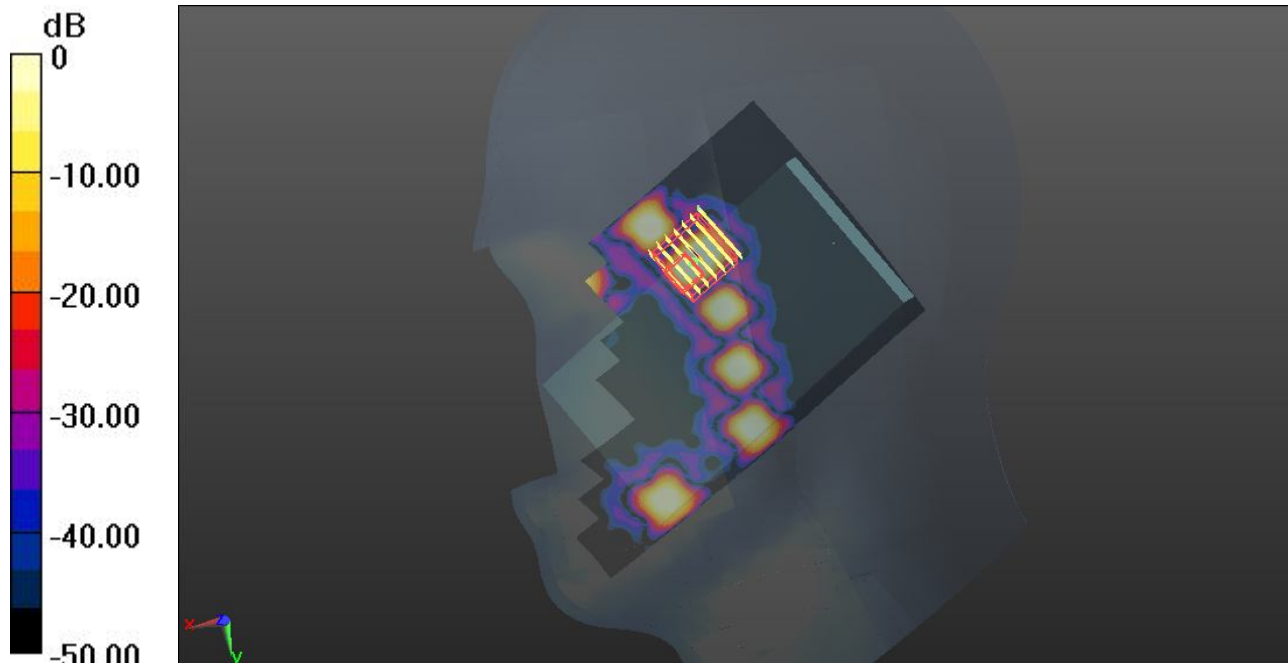
Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.056 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.067 mW/g

SAR(1 g) = 0.00887 mW/g; SAR(10 g) = 0.00426 mW/g

Maximum value of SAR (measured) = 0.0281 W/kg



0 dB = 0.0281 W/kg

#45 WLAN 5.2GHz_802.11a 6Mbps_Left Cheek_Ch48_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_130827 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.743$ mho/m; $\epsilon_r =$

36.961 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.11, 5.11, 5.11); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (101x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0712 W/kg

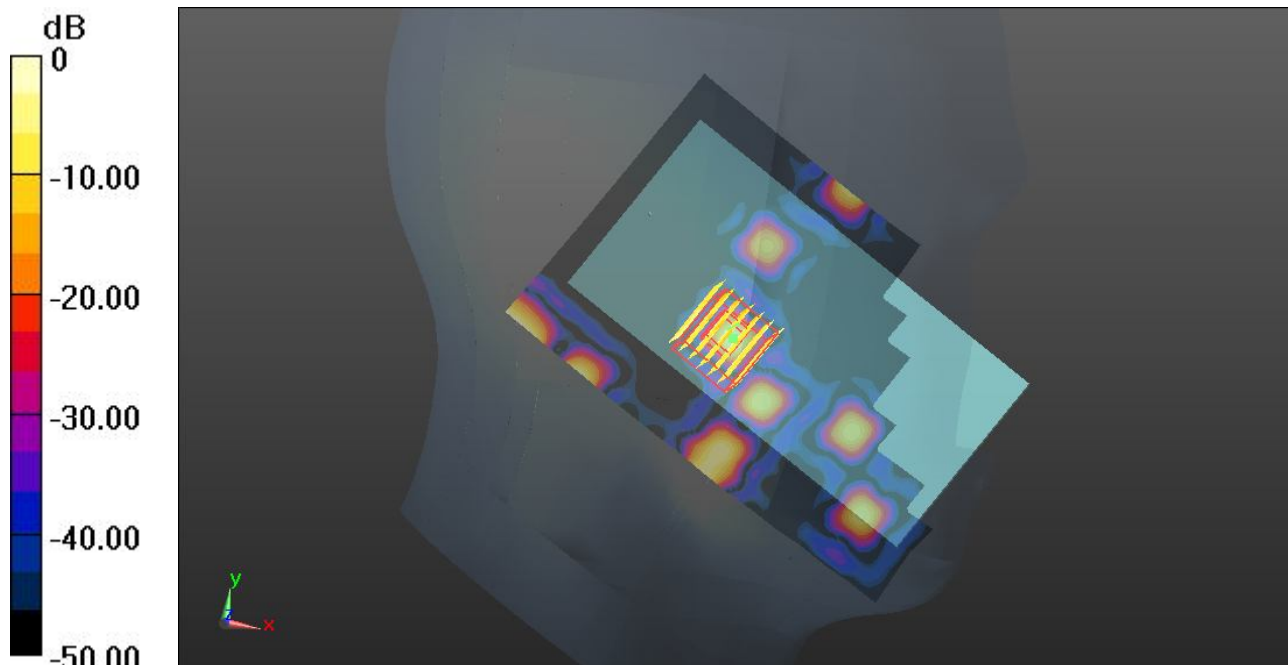
Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.654 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.463 mW/g

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00376 mW/g

Maximum value of SAR (measured) = 0.0730 W/kg



0 dB = 0.0730 W/kg

#46 WLAN 5.2GHz_802.11a 6Mbps_Left Tilted_Ch48_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_130827 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.743$ mho/m; $\epsilon_r =$

36.961 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.11, 5.11, 5.11); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (101x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0379 W/kg

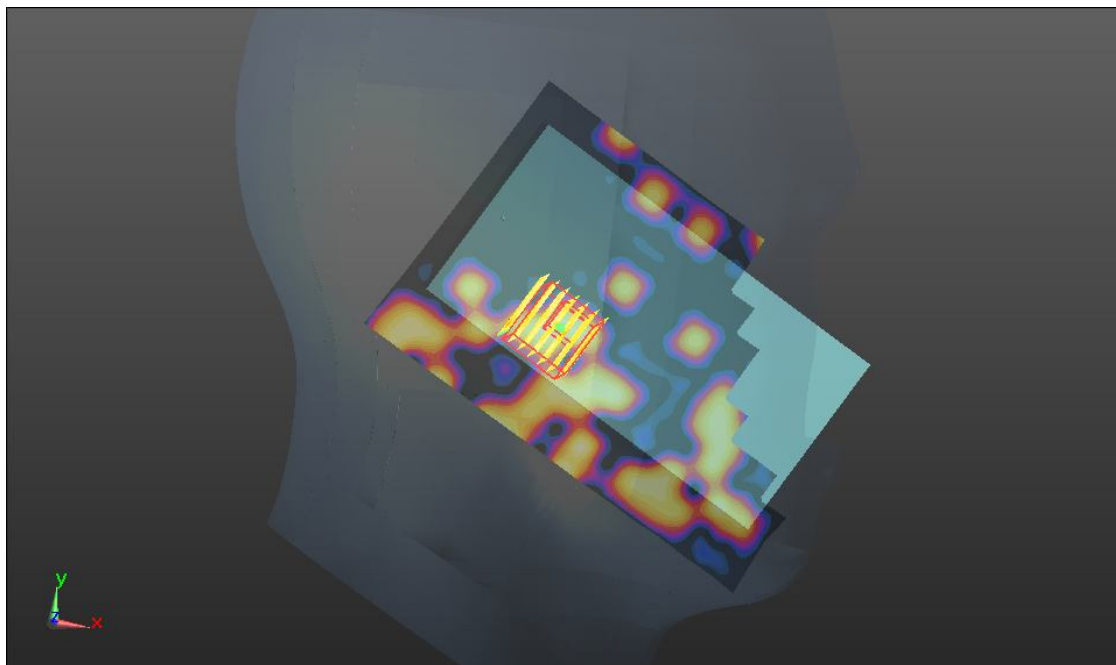
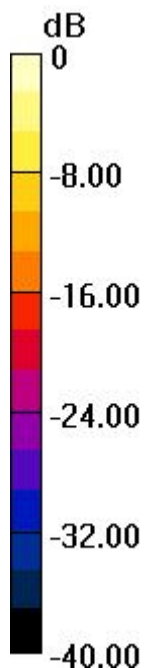
Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.046 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.065 mW/g

SAR(1 g) = 0.00743 mW/g; SAR(10 g) = 0.00312 mW/g

Maximum value of SAR (measured) = 0.0426 W/kg



0 dB = 0.0426 W/kg

#47 WLAN 5.2GHz_802.11a 6Mbps_Right Cheek_Ch48_Battery #2

DUT: 340403

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_130827 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.743$ mho/m; $\epsilon_r =$

36.961 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.11, 5.11, 5.11); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0722 W/kg

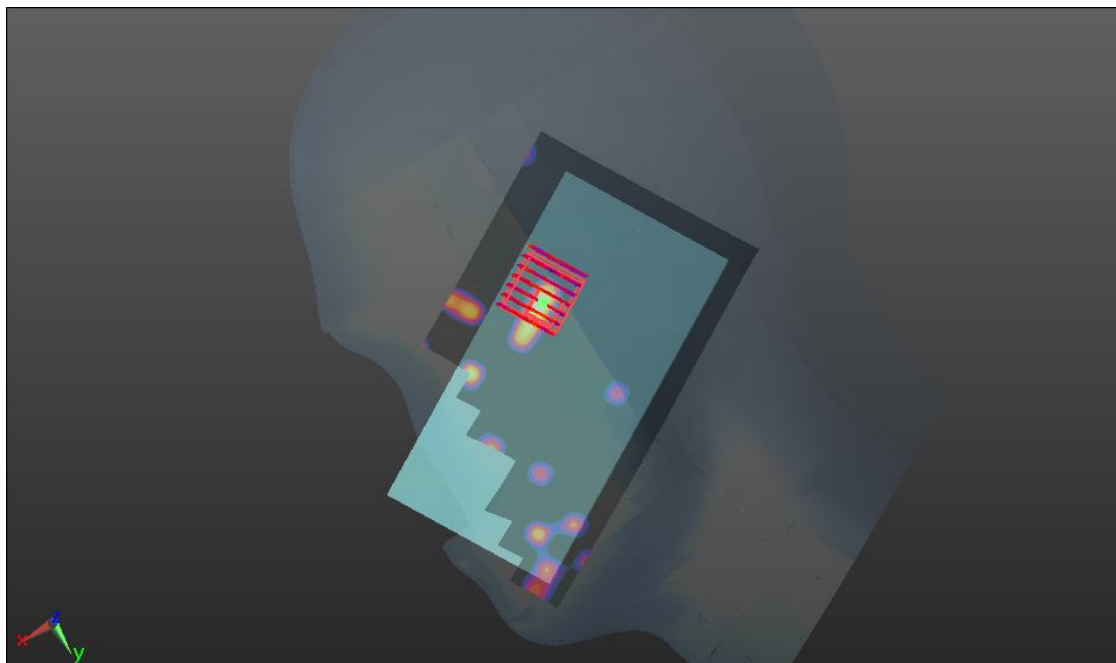
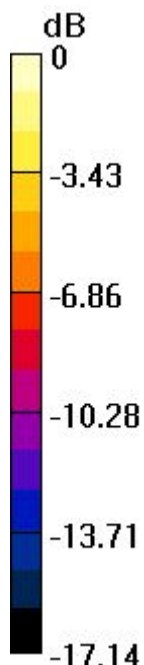
Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.117 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.165 mW/g

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00329 mW/g

Maximum value of SAR (measured) = 0.0777 W/kg



0 dB = 0.0777 W/kg

#256 WLAN 5.3GHz_802.11a 6Mbps_Right Cheek_Ch64_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_130912 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.803$ mho/m; $\epsilon_r = 36.316$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.85, 4.85, 4.85); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.144 W/kg

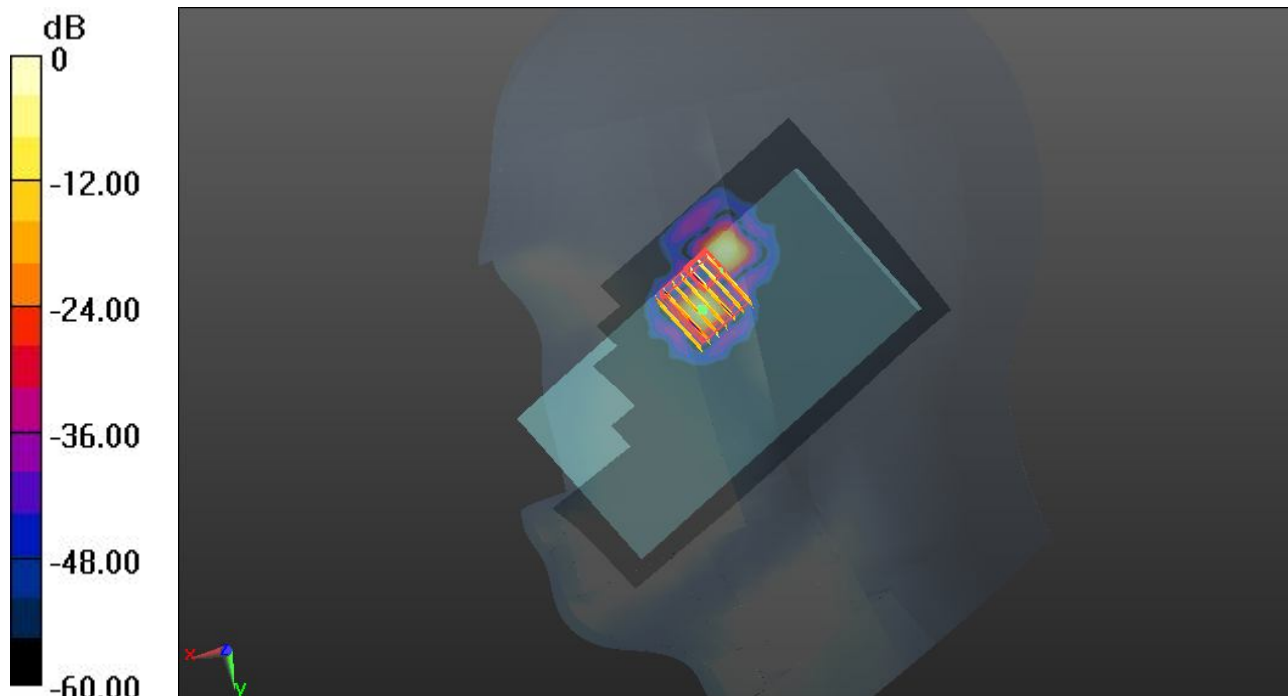
Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.569 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.588 mW/g

SAR(1 g) = 0.0753 mW/g; SAR(10 g) = 0.00899 mW/g

Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.190 W/kg

#257 WLAN 5.3GHz_802.11a 6Mbps_Right Tilted_Ch64_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_130912 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.803$ mho/m; $\epsilon_r = 36.316$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.85, 4.85, 4.85); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.181 W/kg

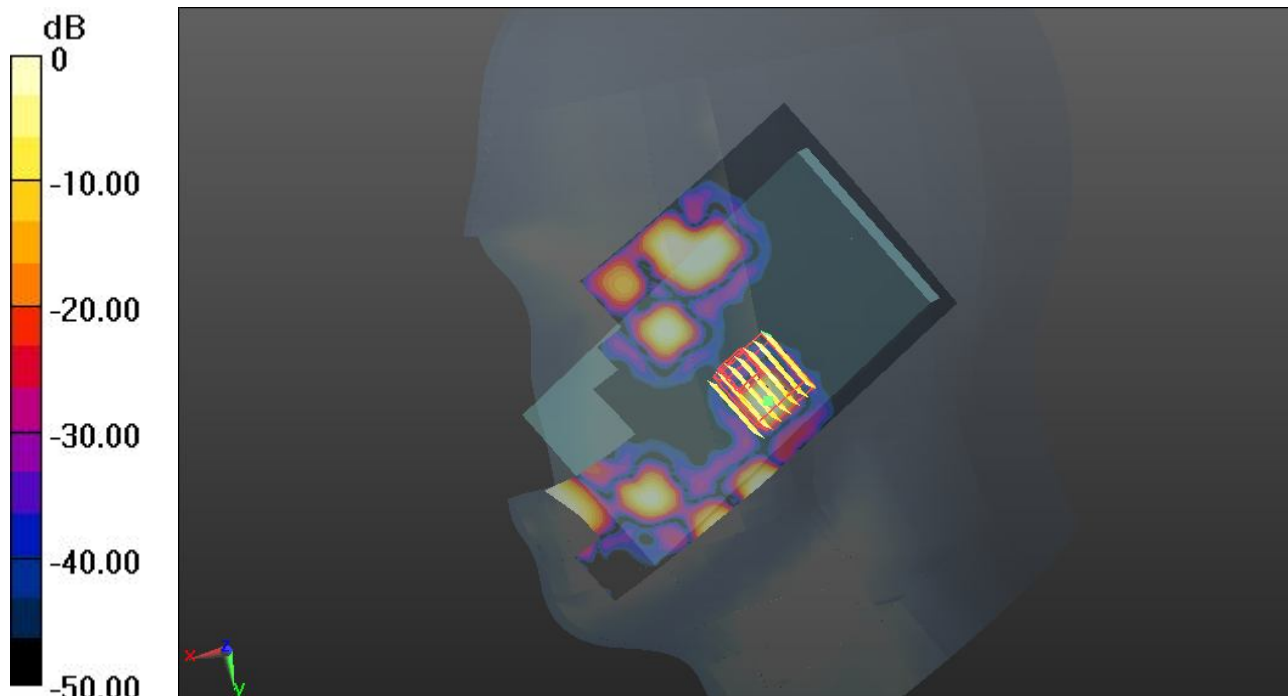
Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.506 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.051 mW/g

SAR(1 g) = 0.00122 mW/g; SAR(10 g) = 0.000246 mW/g

Maximum value of SAR (measured) = 0.0372 W/kg



0 dB = 0.0372 W/kg

#258 WLAN 5.3GHz_802.11a 6Mbps_Left Cheek_Ch64_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_130912 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.803$ mho/m; $\epsilon_r = 36.316$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.85, 4.85, 4.85); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.404 W/kg

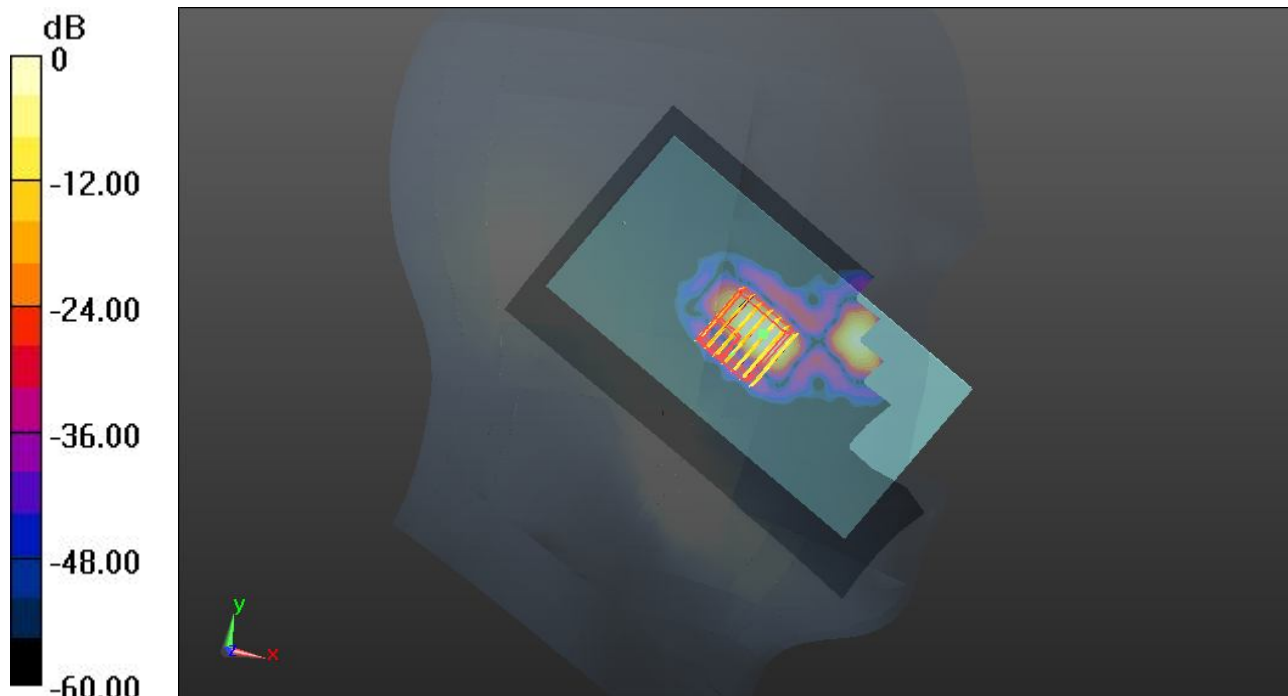
Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.444 mW/g

SAR(1 g) = 0.00247 mW/g; SAR(10 g) = 0.000267 mW/g

Maximum value of SAR (measured) = 0.141 W/kg



0 dB = 0.141 W/kg

#259 WLAN 5.3GHz_802.11a 6Mbps_Left Tilted_Ch64_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_130912 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.803$ mho/m; $\epsilon_r = 36.316$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.85, 4.85, 4.85); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (91x171x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.346 W/kg

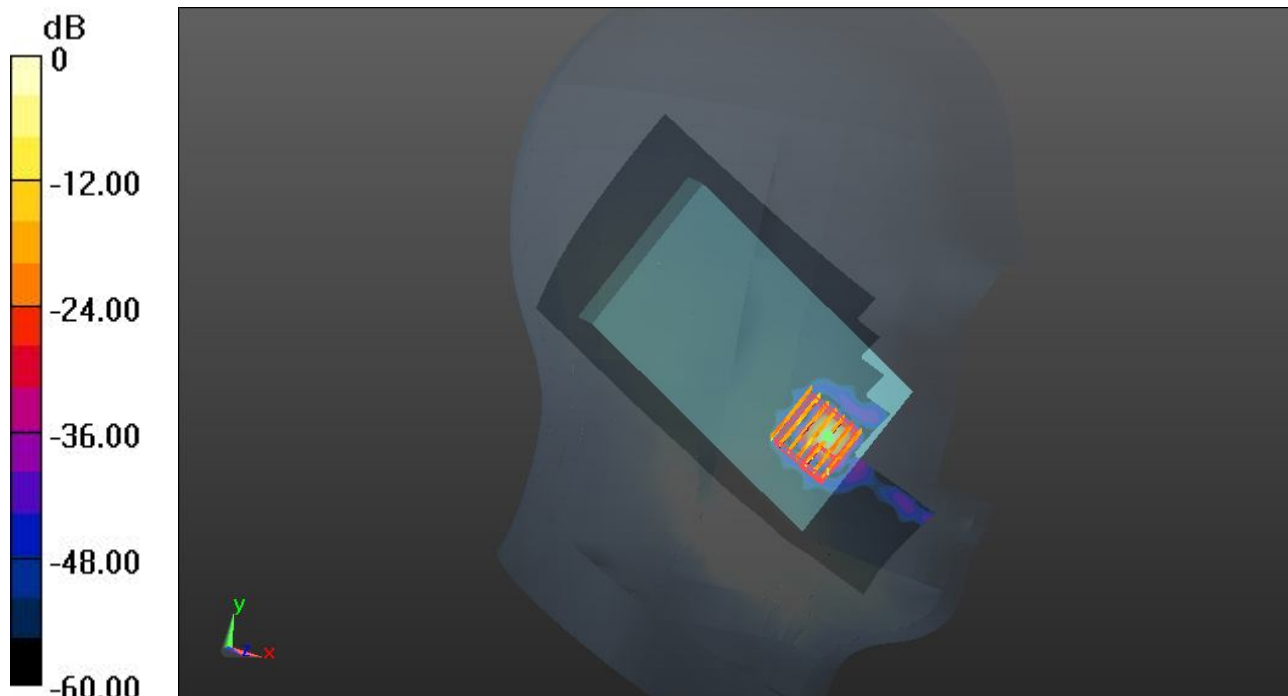
Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.686 mW/g

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00208 mW/g

Maximum value of SAR (measured) = 0.816 W/kg



0 dB = 0.816 W/kg

#260 WLAN 5.3GHz_802.11a 6Mbps_Right Cheek_Ch64_Battery #2

DUT: 340403

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_130912 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.803$ mho/m; $\epsilon_r = 36.316$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.85, 4.85, 4.85); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.604 W/kg

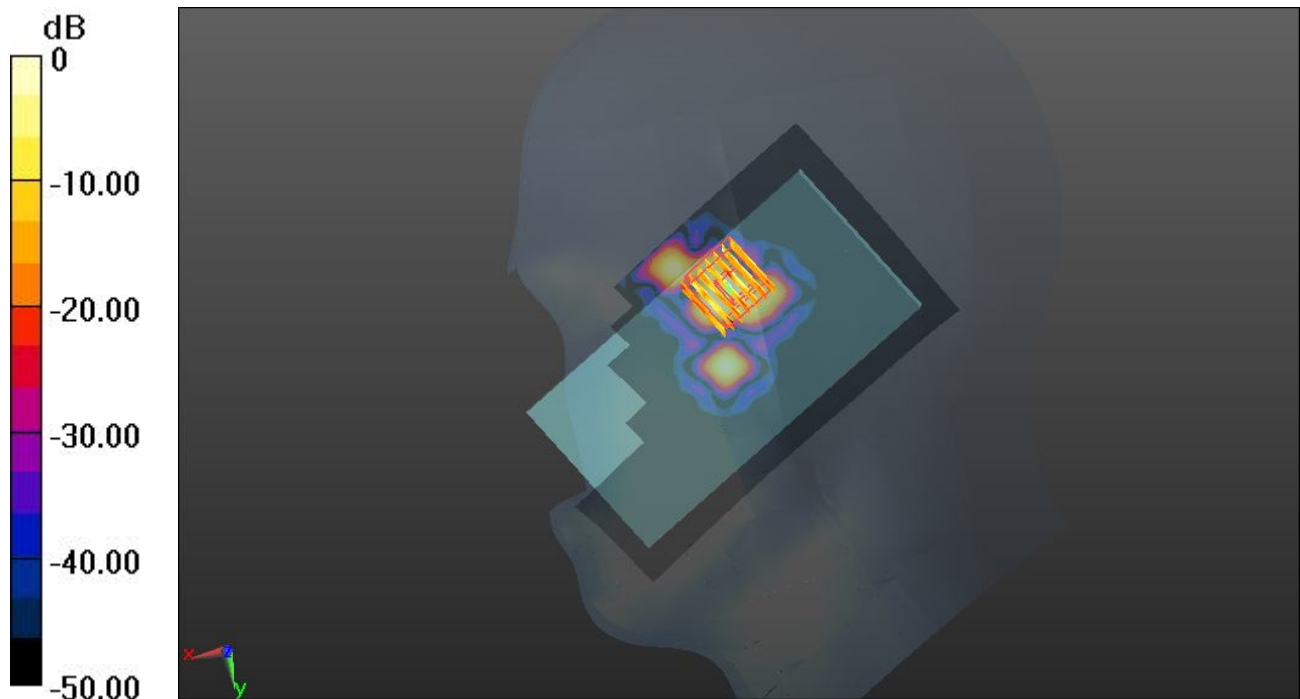
Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.092 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.555 mW/g

SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.222 W/kg



0 dB = 0.222 W/kg

#251 WLAN 5.5GHz_802.11a 6Mbps_Right Cheek_Ch140_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5700 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_130912 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.256$ mho/m; $\epsilon_r =$

35.631 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.34, 4.34, 4.34); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.821 W/kg

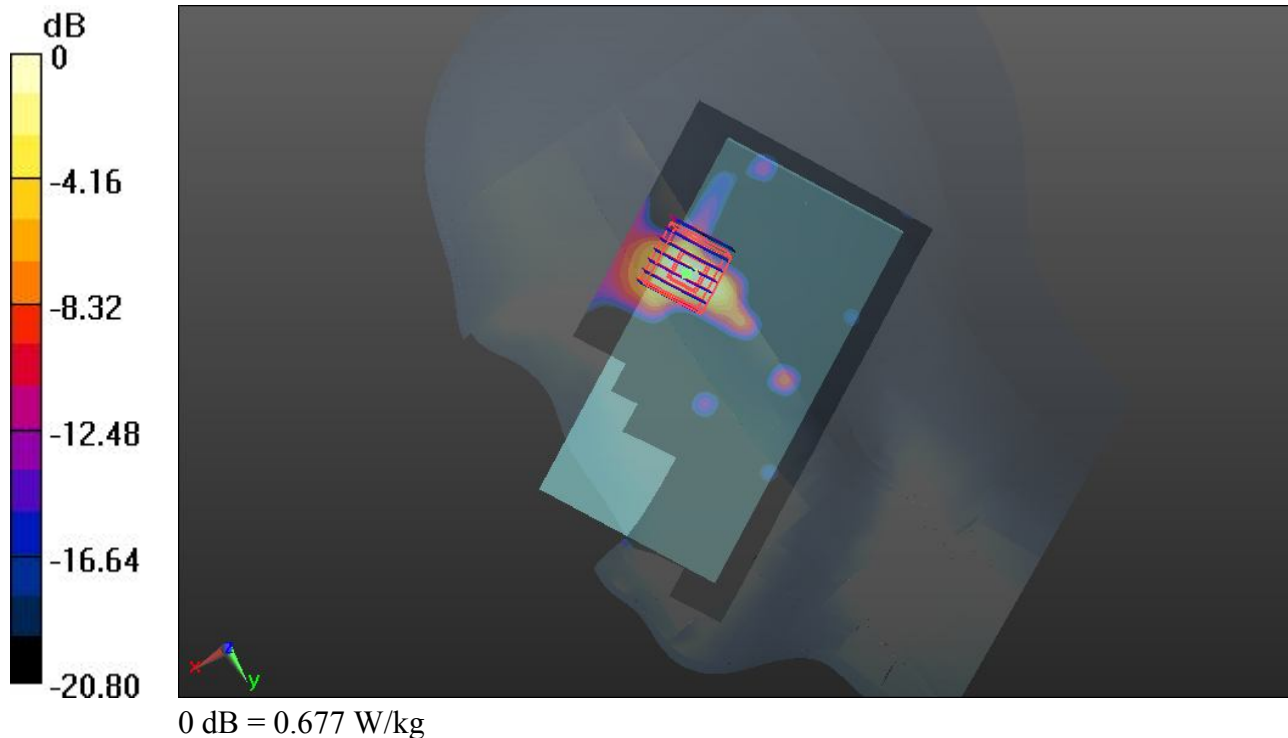
Ch140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.191 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.071 mW/g

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.677 W/kg



#252 WLAN 5.5GHz_802.11a 6Mbps_Right Tilted_Ch140_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5700 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_130912 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.256$ mho/m; $\epsilon_r =$

35.631 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.34, 4.34, 4.34); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.645 W/kg

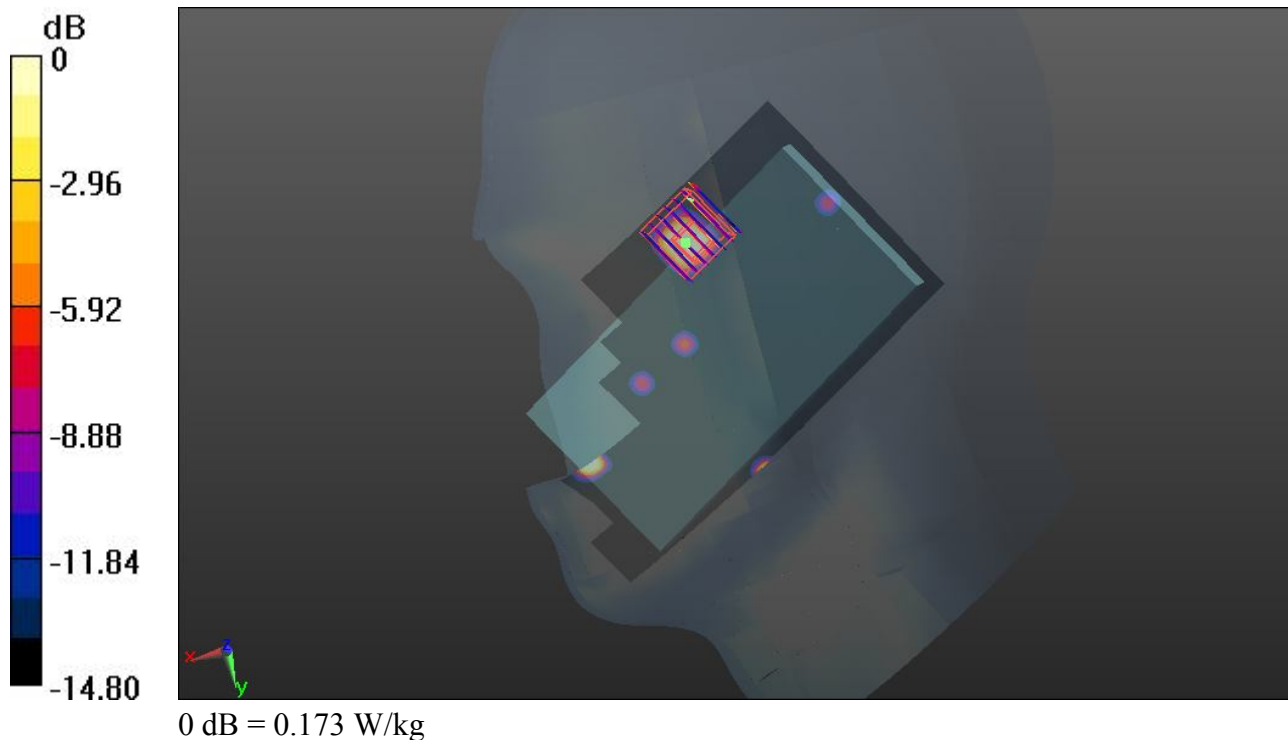
Ch140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.933 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.267 mW/g

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.173 W/kg



#253 WLAN 5.5GHz_802.11a 6Mbps_Left Cheek_Ch140_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5700 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_130912 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.256$ mho/m; $\epsilon_r =$

35.631 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.34, 4.34, 4.34); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.564 W/kg

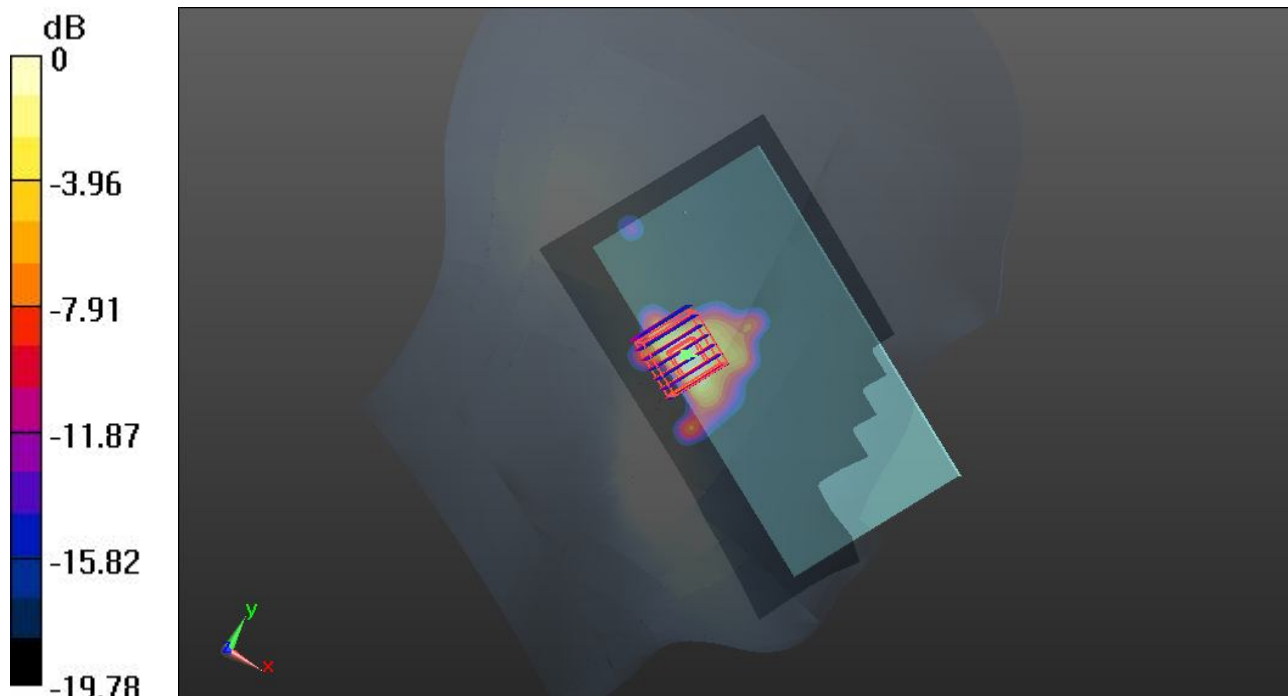
Ch140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.548 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.655 mW/g

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.418 W/kg



0 dB = 0.418 W/kg

#254 WLAN 5.5GHz_802.11a 6Mbps_Left Tilted_Ch140_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5700 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_130912 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.256$ mho/m; $\epsilon_r =$

35.631 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.34, 4.34, 4.34); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.265 W/kg

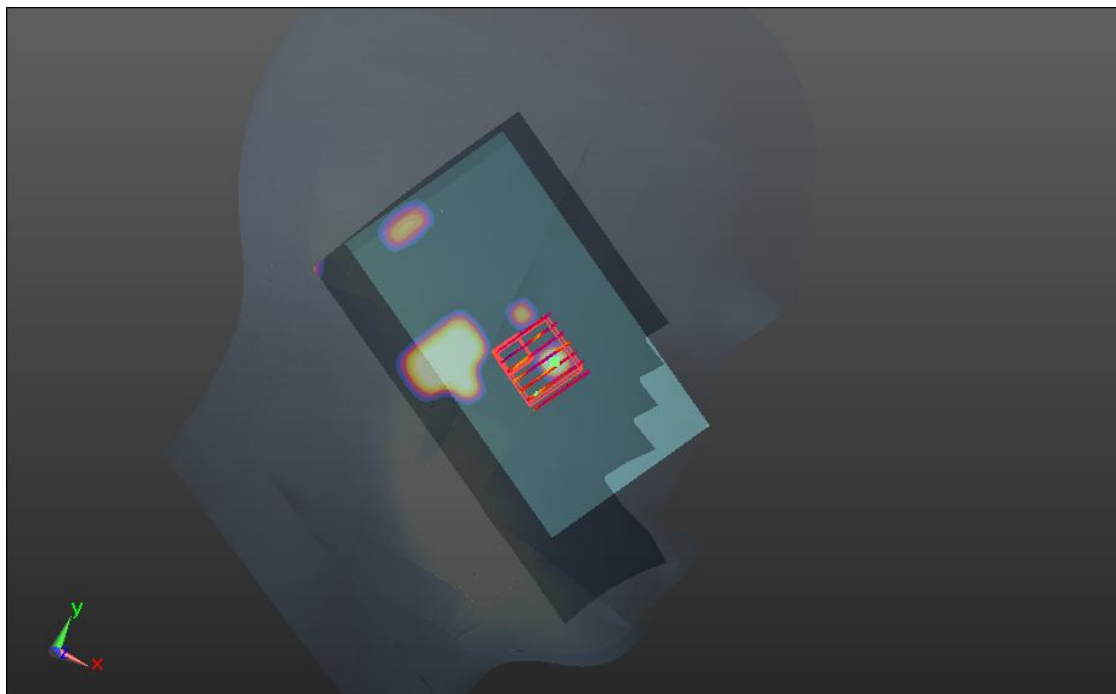
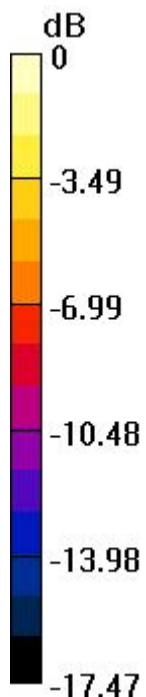
Ch140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.134 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.178 mW/g

SAR(1 g) = 0.00306 mW/g; SAR(10 g) = 0.000244 mW/g

Maximum value of SAR (measured) = 0.0977 W/kg



0 dB = 0.0977 W/kg

#255 WLAN 5.5GHz_802.11a 6Mbps_Right Cheek_Ch140_Battery #2

DUT: 340403

Communication System: WIFI; Frequency: 5700 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_130912 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.256$ mho/m; $\epsilon_r =$

35.631 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.34, 4.34, 4.34); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.972 W/kg

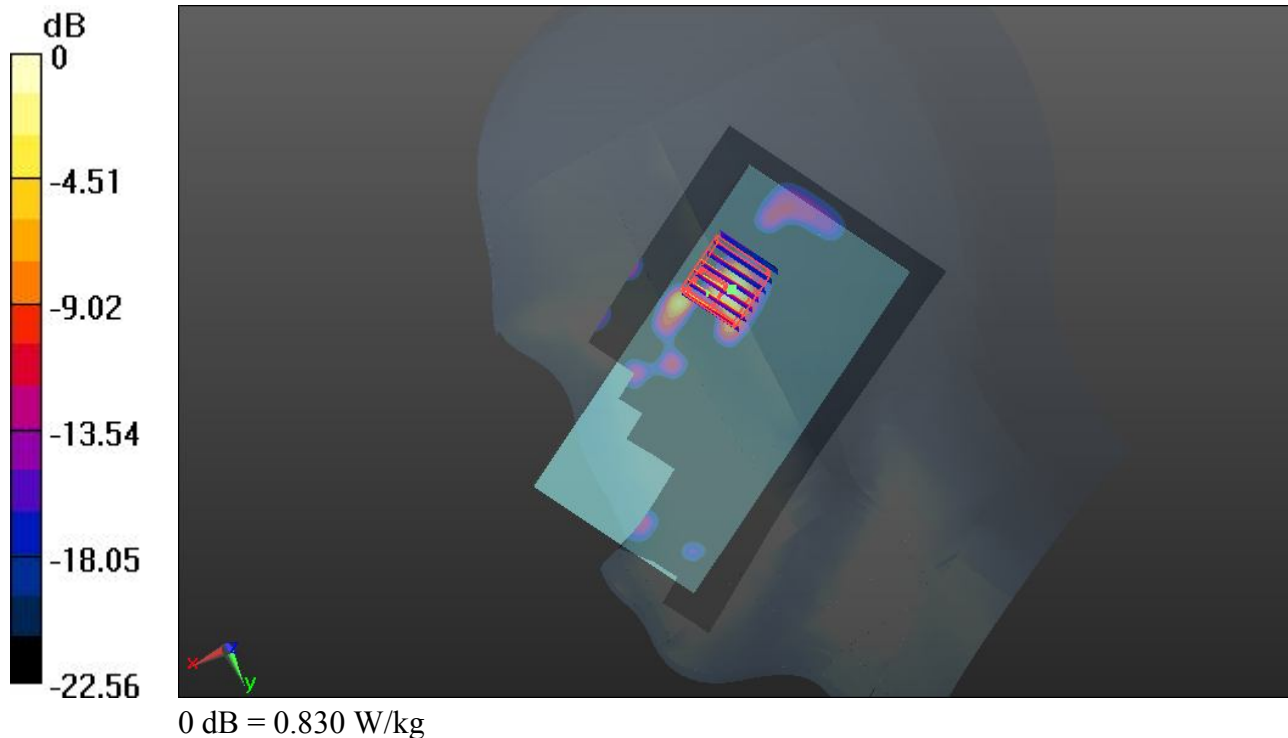
Ch140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.431 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.251 mW/g

SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.059 mW/g

Maximum value of SAR (measured) = 0.830 W/kg



#48 WLAN 5.8GHz_802.11a 6Mbps_Right Cheek_Ch161_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: HSL_5G_130827 Medium parameters used: $f = 5805$ MHz; $\sigma = 5.442$ mho/m; $\epsilon_r =$

35.717 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.57, 4.57, 4.57); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch161/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.483 W/kg

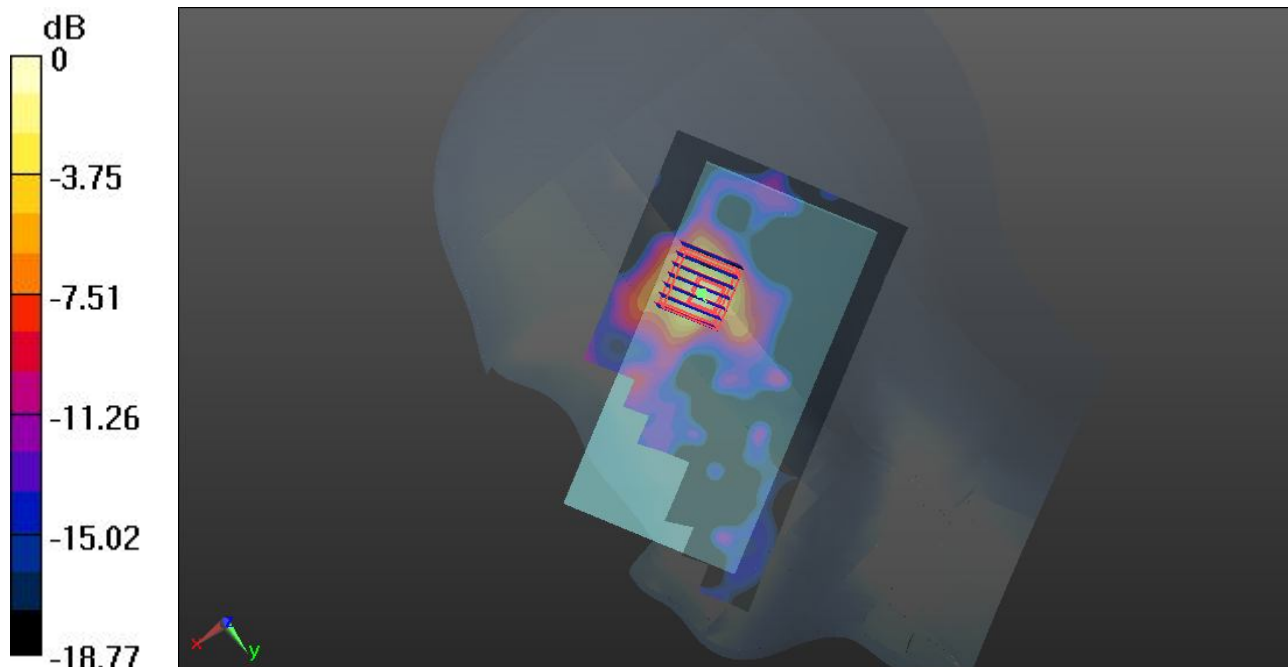
Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.310 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.007 mW/g

SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.599 W/kg



0 dB = 0.599 W/kg

#49 WLAN 5.8GHz_802.11a 6Mbps_Right Tilted_Ch161_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: HSL_5G_130827 Medium parameters used: $f = 5805$ MHz; $\sigma = 5.442$ mho/m; $\epsilon_r =$

35.717 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.57, 4.57, 4.57); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch161/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.218 W/kg

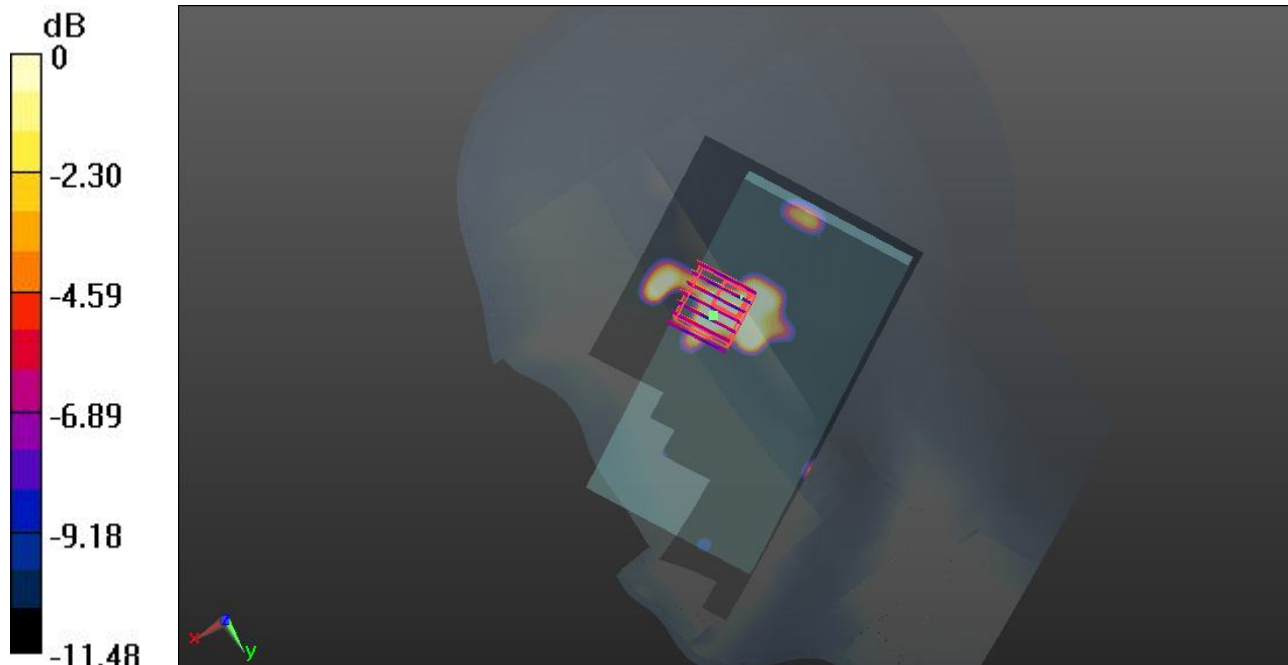
Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.270 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.150 mW/g

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.0845 W/kg



0 dB = 0.0845 W/kg

#50 WLAN 5.8GHz_802.11a 6Mbps_Left Cheek_Ch161_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: HSL_5G_130827 Medium parameters used: $f = 5805$ MHz; $\sigma = 5.442$ mho/m; $\epsilon_r =$

35.717 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.57, 4.57, 4.57); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch161/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.431 W/kg

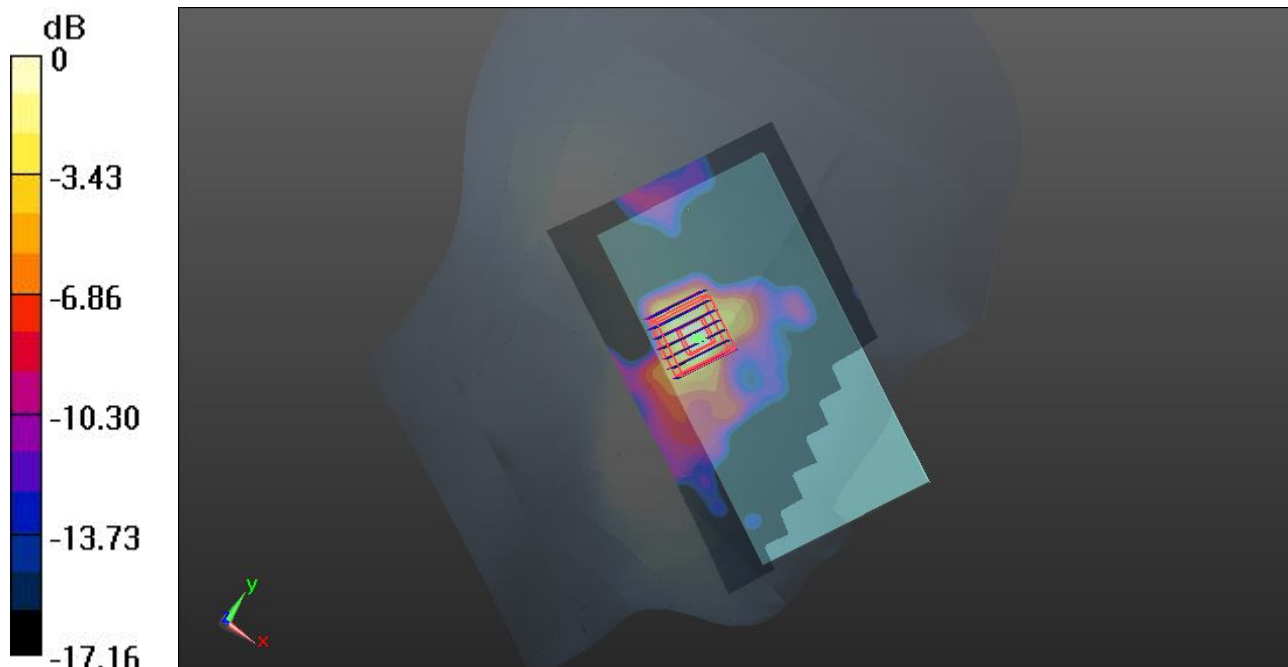
Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.089 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.732 mW/g

SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.402 W/kg



0 dB = 0.402 W/kg

#51 WLAN 5.8GHz_802.11a 6Mbps_Left Tilted_Ch161_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: HSL_5G_130827 Medium parameters used: $f = 5805$ MHz; $\sigma = 5.442$ mho/m; $\epsilon_r =$

35.717 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.57, 4.57, 4.57); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch161/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.108 W/kg

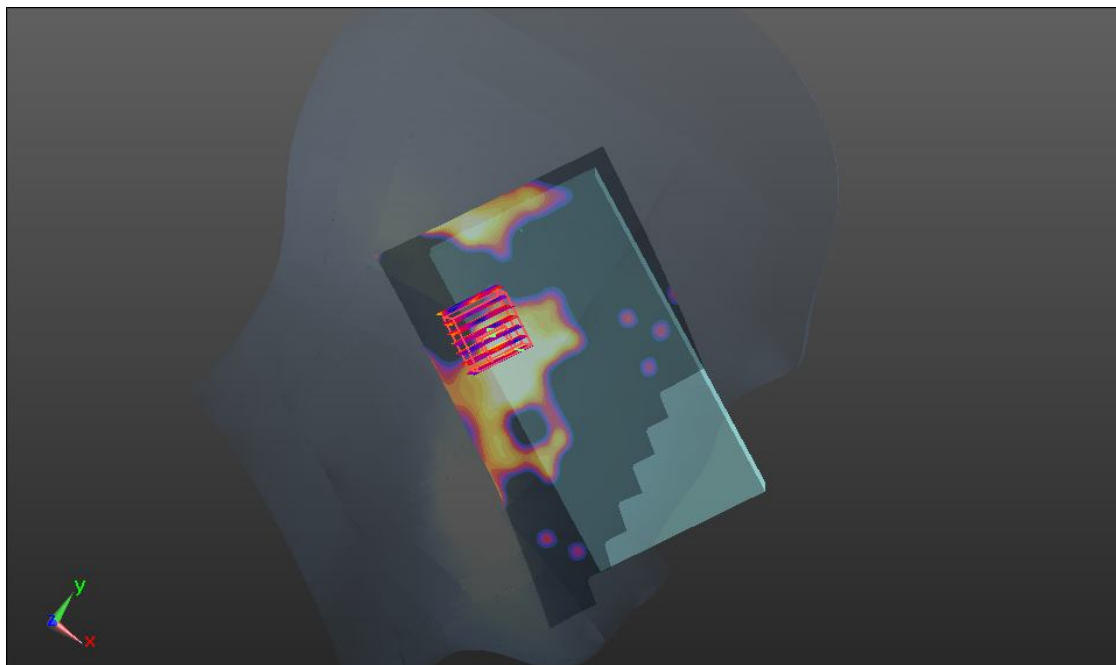
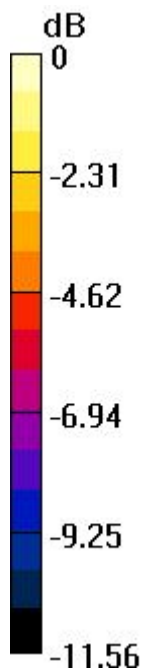
Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.257 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.098 mW/g

SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.0721 W/kg



0 dB = 0.0721 W/kg

#52 WLAN 5.8GHz_802.11a 6Mbps_Right Cheek_Ch161_Battery #2

DUT: 340403

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: HSL_5G_130827 Medium parameters used: $f = 5805$ MHz; $\sigma = 5.442$ mho/m; $\epsilon_r =$

35.717 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.57, 4.57, 4.57); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch161/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.502 W/kg

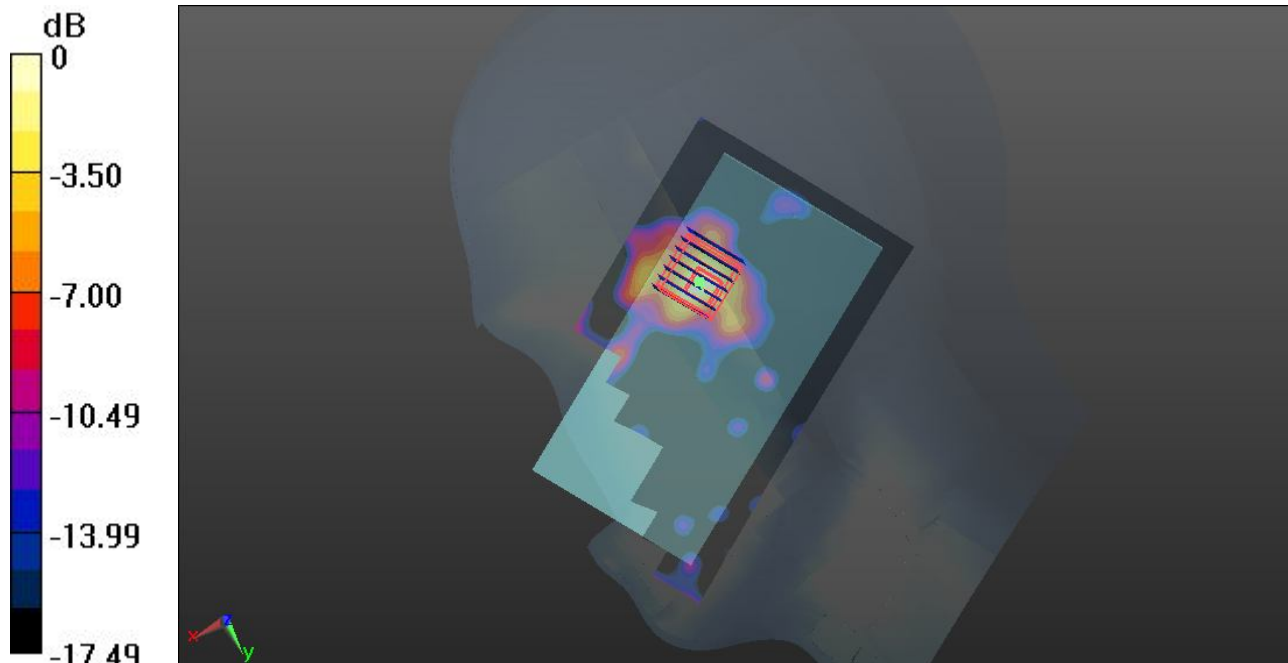
Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.607 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.417 mW/g

SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.533 W/kg



0 dB = 0.533 W/kg

#27 GSM1900_DTM 5 (2 Tx slots)_Front_1cm_Ch512_Battery #1

DUT: 340403

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_130816 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.455$ mho/m; $\epsilon_r = 54.031$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.573 W/kg

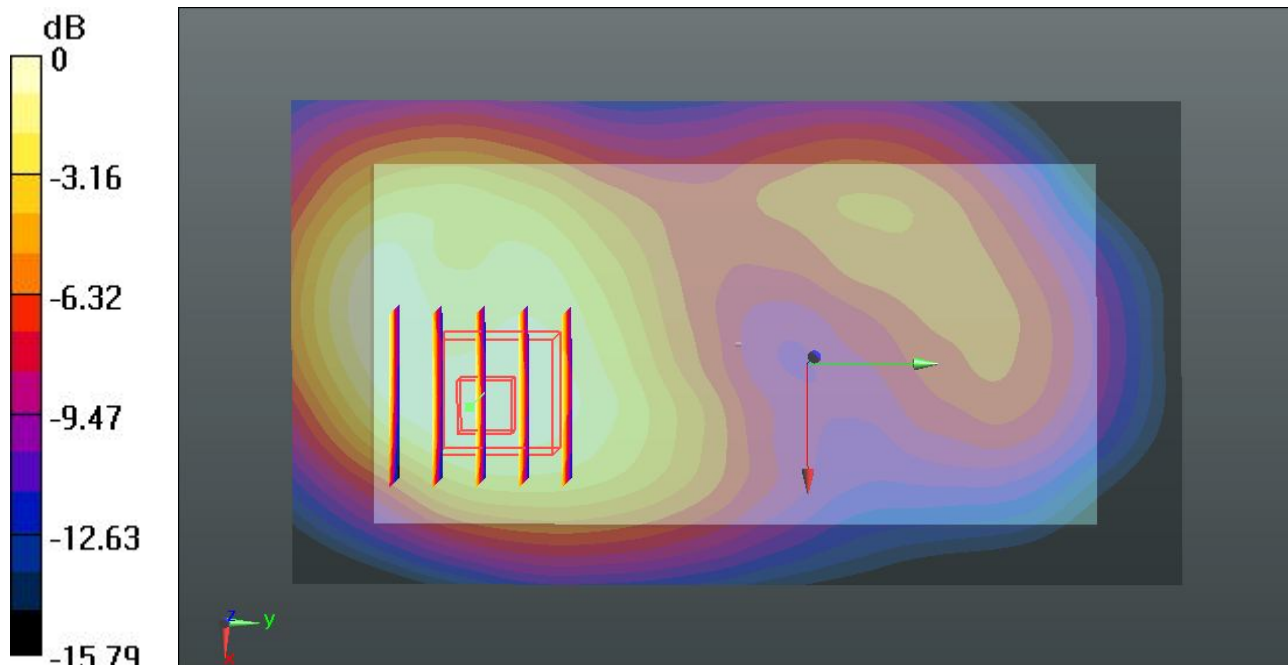
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.777 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.644 mW/g

SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.263 mW/g

Maximum value of SAR (measured) = 0.537 W/kg



0 dB = 0.537 W/kg

#28 GSM1900_DTM 5 (2 Tx slots)_Back_1cm_Ch512_Battery #1

DUT: 340403

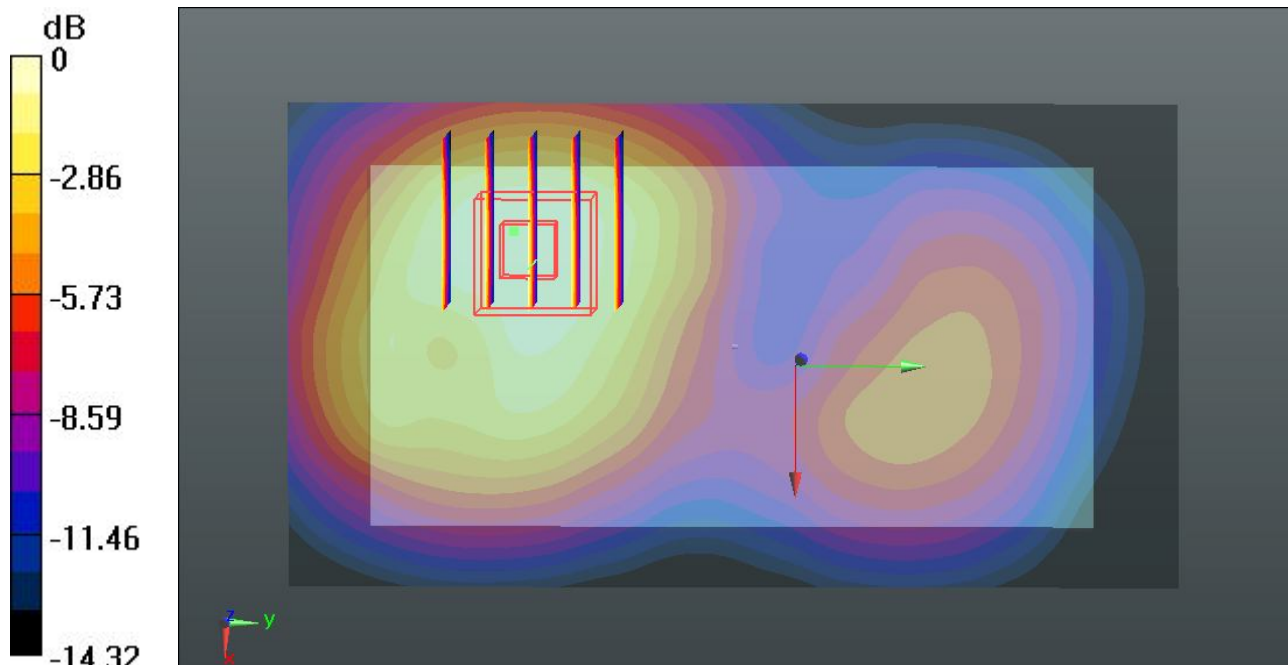
Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_130816 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.455$ mho/m; $\epsilon_r = 54.031$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.690 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.465 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.833 mW/g
SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.344 mW/g
Maximum value of SAR (measured) = 0.683 W/kg



0 dB = 0.683 W/kg

#29 GSM1900_DTM 5 (2 Tx slots)_Left Side_1cm_Ch512_Battery #1

DUT: 340403

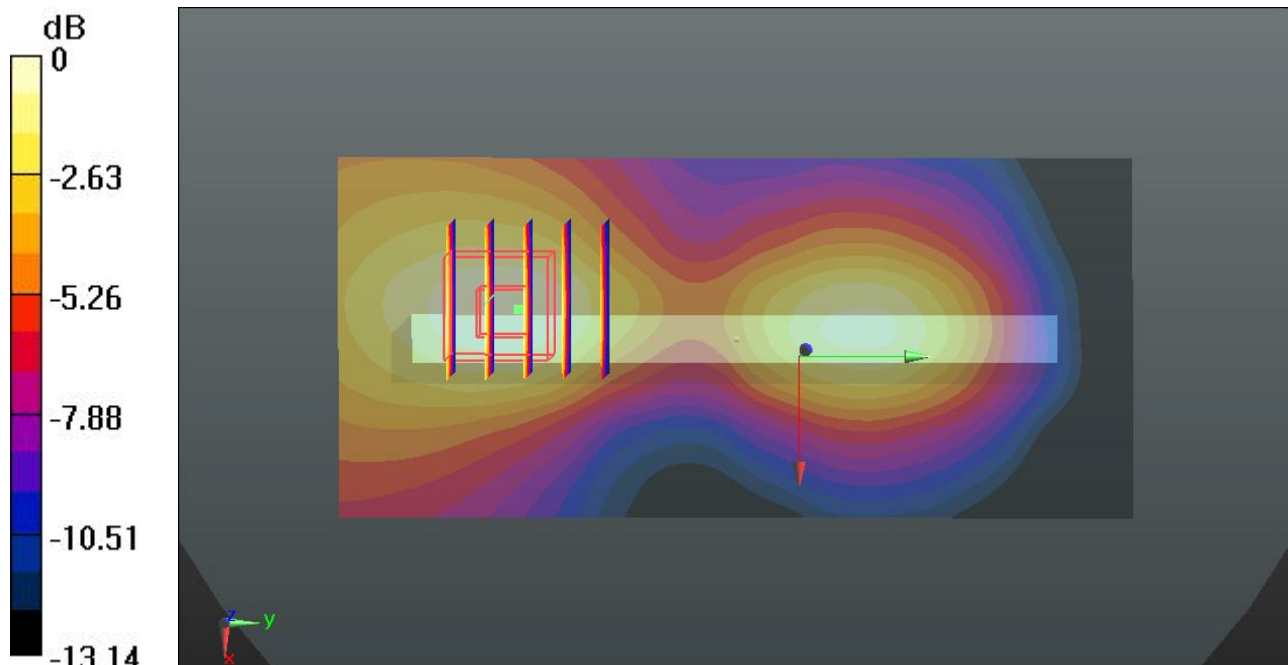
Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_130816 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.455$ mho/m; $\epsilon_r = 54.031$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.155 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.083 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.184 mW/g
SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.153 W/kg



0 dB = 0.153 W/kg

#30 GSM1900_DTM 5 (2 Tx slots)_Right Side_1cm_Ch512_Battery #1

DUT: 340403

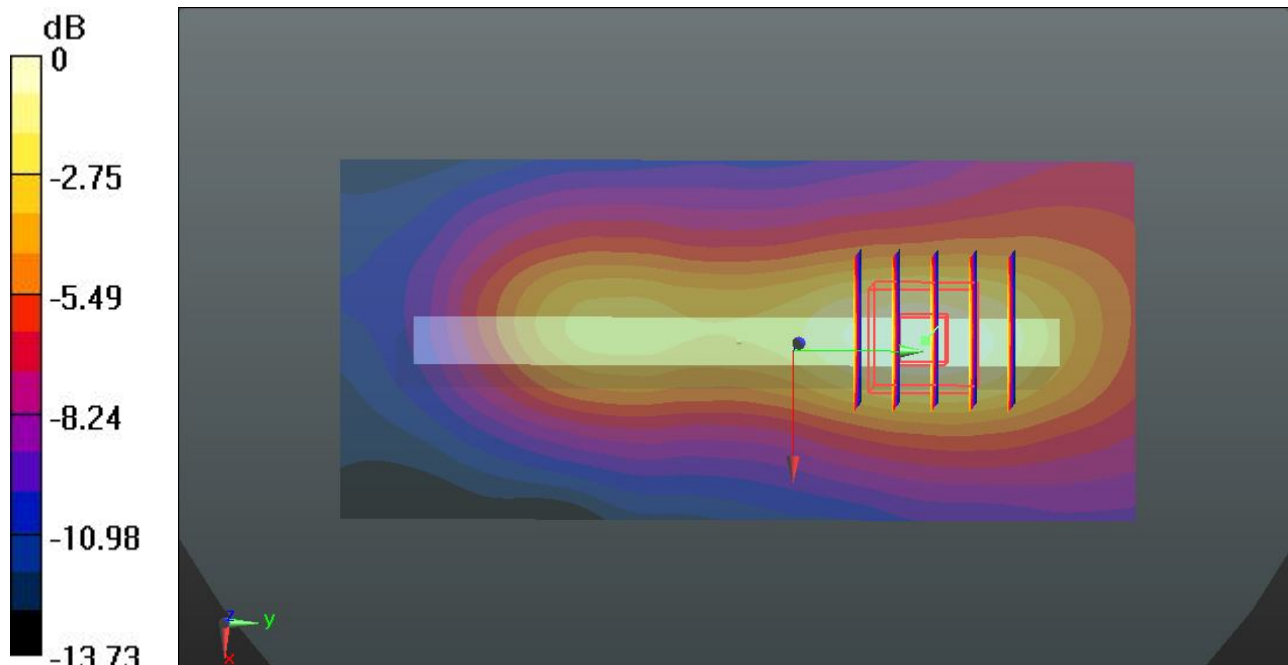
Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_130816 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.455$ mho/m; $\epsilon_r = 54.031$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.181 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.737 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.210 mW/g
SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.176 W/kg



0 dB = 0.176 W/kg

#31 GSM1900_DTM 5 (2 Tx slots)_Bottom Side_1cm_Ch512_Battery #1

DUT: 340403

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_130816 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.455$ mho/m; $\epsilon_r = 54.031$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.655 W/kg

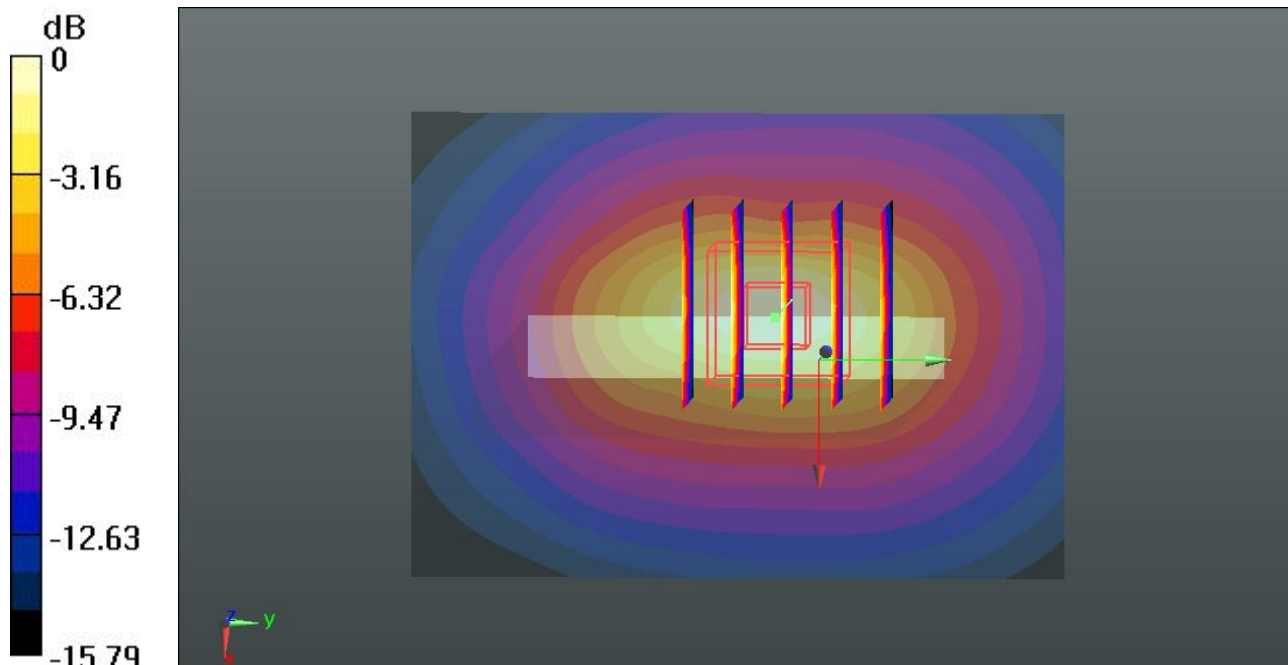
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.464 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.806 mW/g

SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.264 mW/g

Maximum value of SAR (measured) = 0.668 W/kg



0 dB = 0.668 W/kg

#32 GSM1900_DTM 5 (2 Tx slots)_Back_1cm_Ch512_Battery #2

DUT: 340403

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
 Medium: MSL_1900_130816 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.455$ mho/m; $\epsilon_r = 54.031$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.604 W/kg

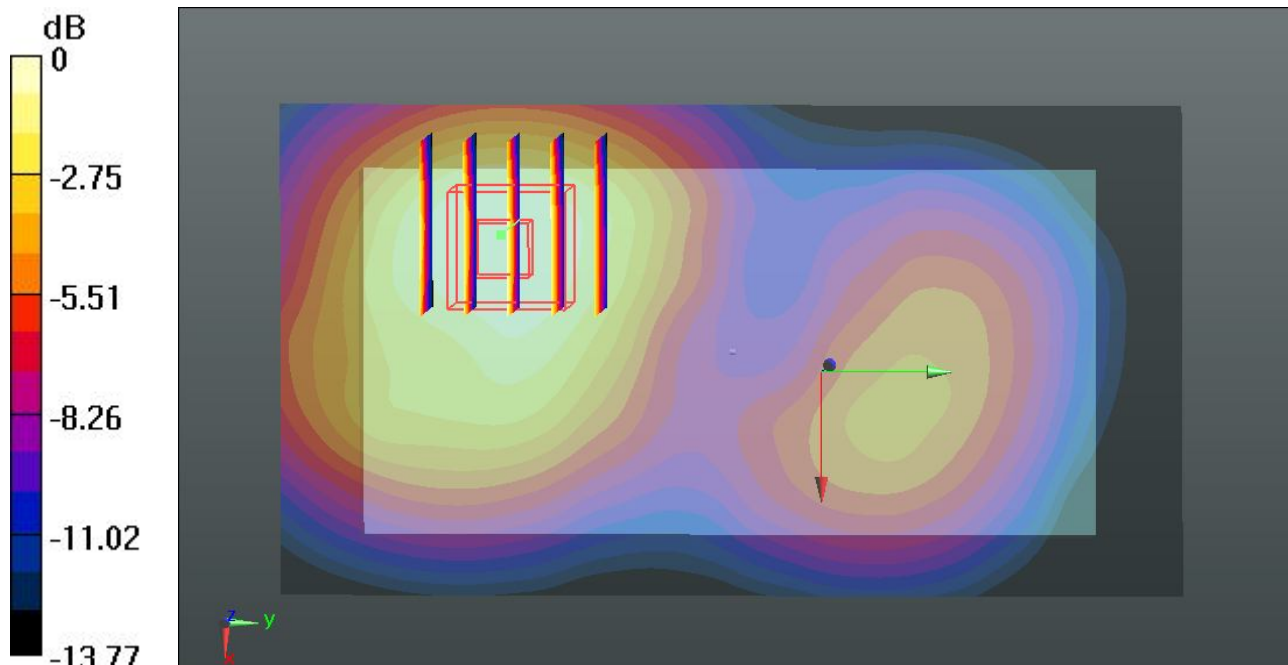
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.296 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.715 mW/g

SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.294 mW/g

Maximum value of SAR (measured) = 0.585 W/kg



0 dB = 0.585 W/kg

#201 LTE Band 7_QPSK 1RB 49offset_Front_1cm_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.405 W/kg

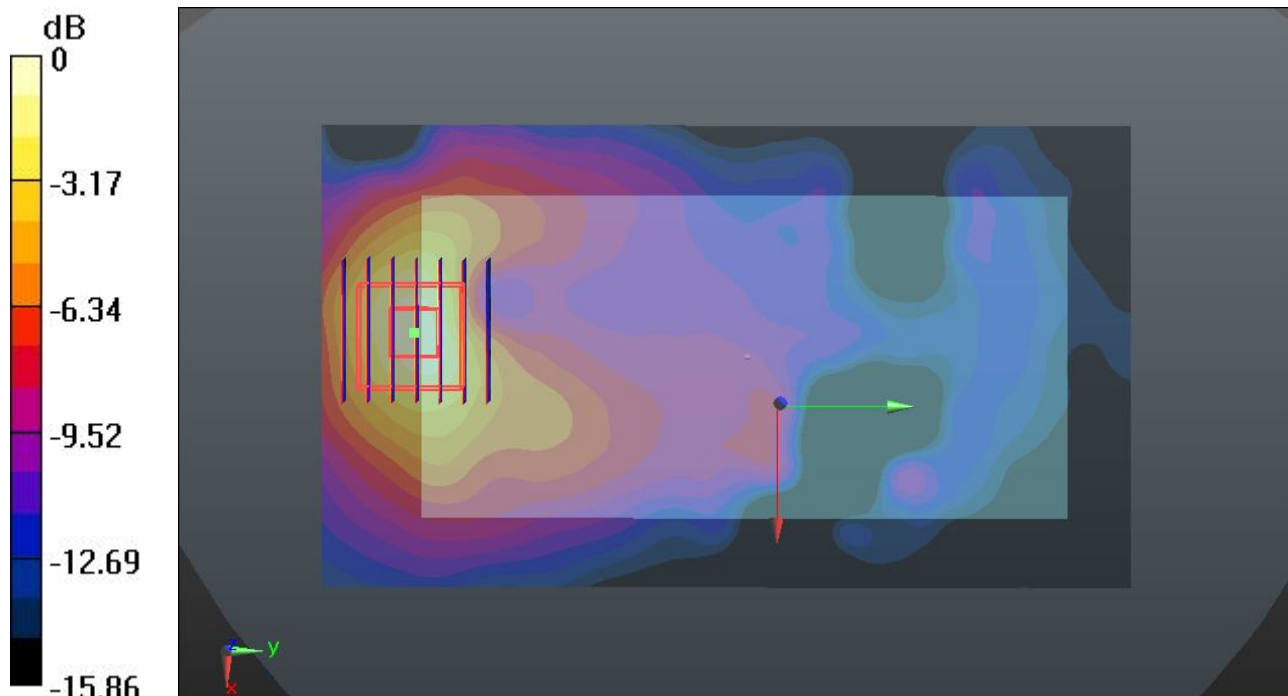
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.913 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.584 mW/g

SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.426 W/kg



0 dB = 0.426 W/kg

#202 LTE Band 7_QPSK 1RB 49offset_Back_1cm_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.80 W/kg

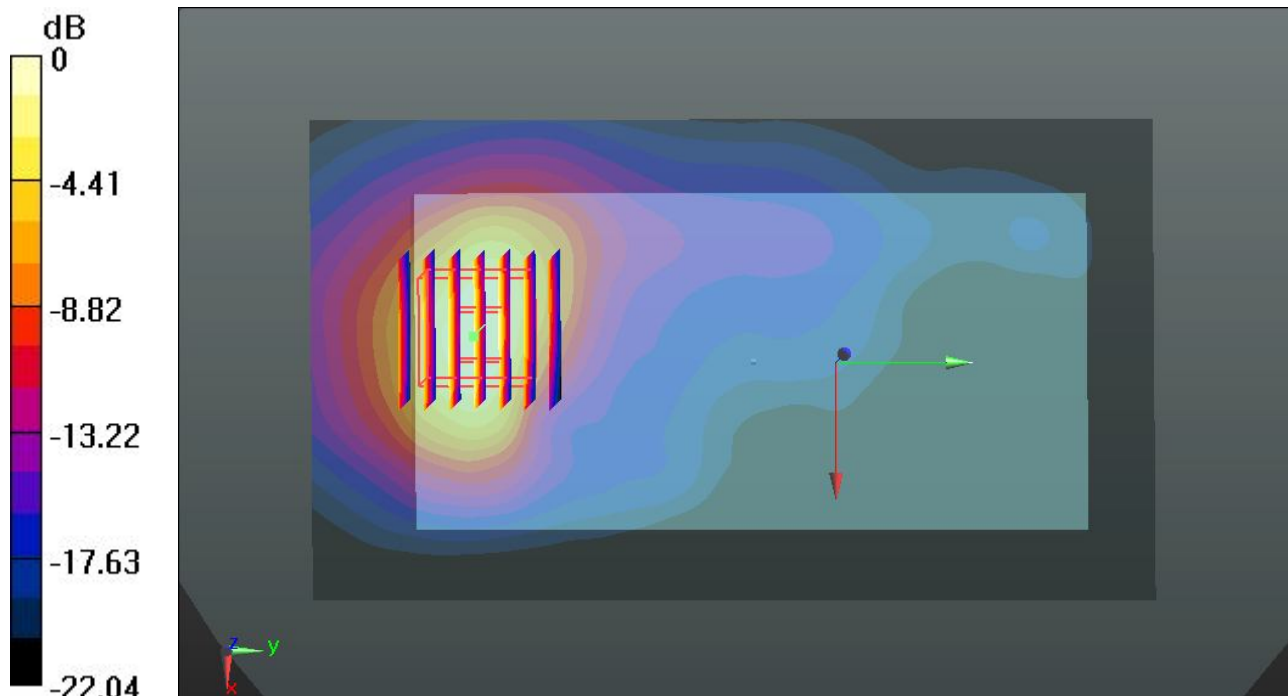
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.758 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.185 mW/g

SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.519 mW/g

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg

#208 LTE Band 7_QPSK 1RB 49offset_Back_1cm_Ch20890_Battery #1_Repeat SAR

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.77 W/kg

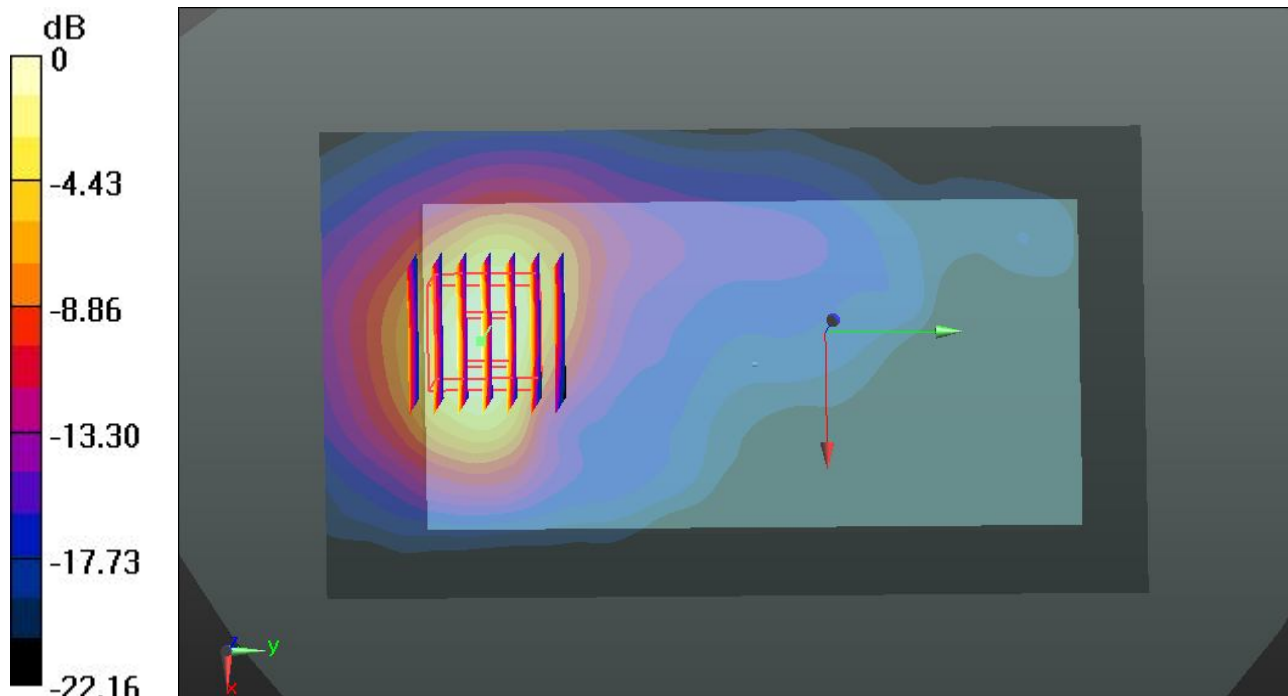
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.547 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.119 mW/g

SAR(1 g) = 1.070 mW/g; SAR(10 g) = 0.508 mW/g

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg

#203 LTE Band 7_QPSK 1RB 49offset_Left Side_1cm_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (51x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0841 W/kg

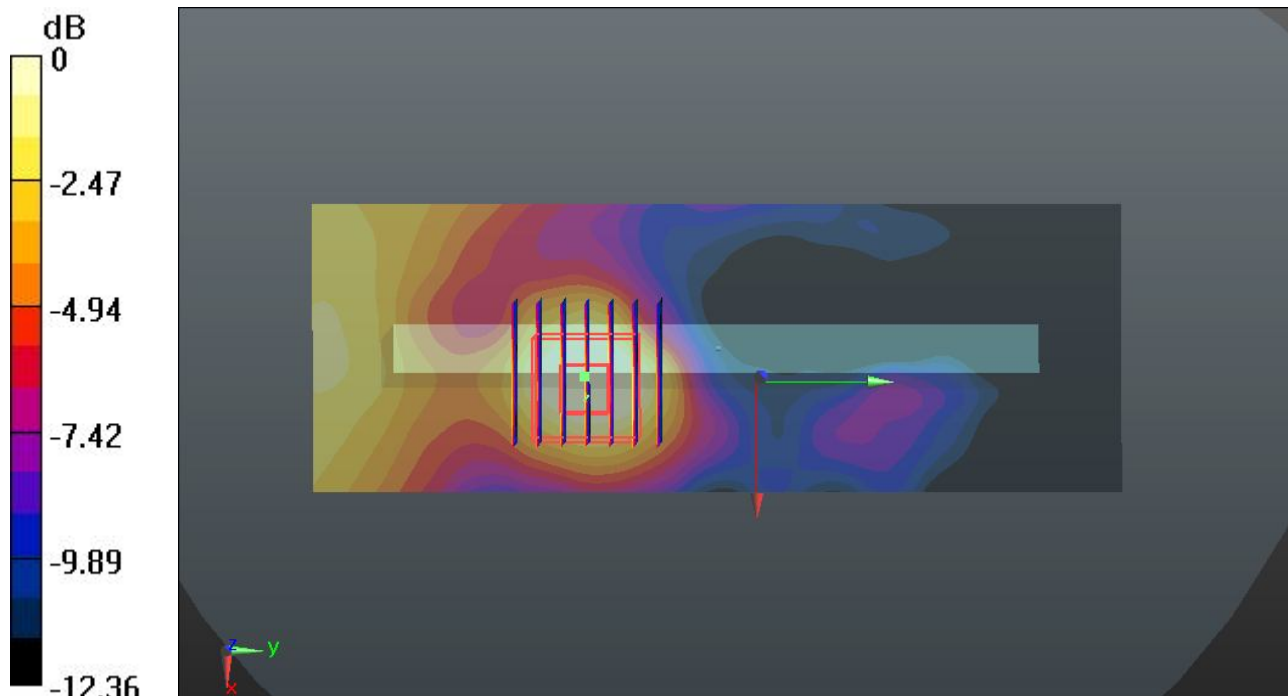
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.341 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.086 mW/g

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.0534 W/kg



0 dB = 0.0534 W/kg

#204 LTE Band 7_QPSK 1RB 49offset_Right Side_1cm_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (51x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.114 W/kg

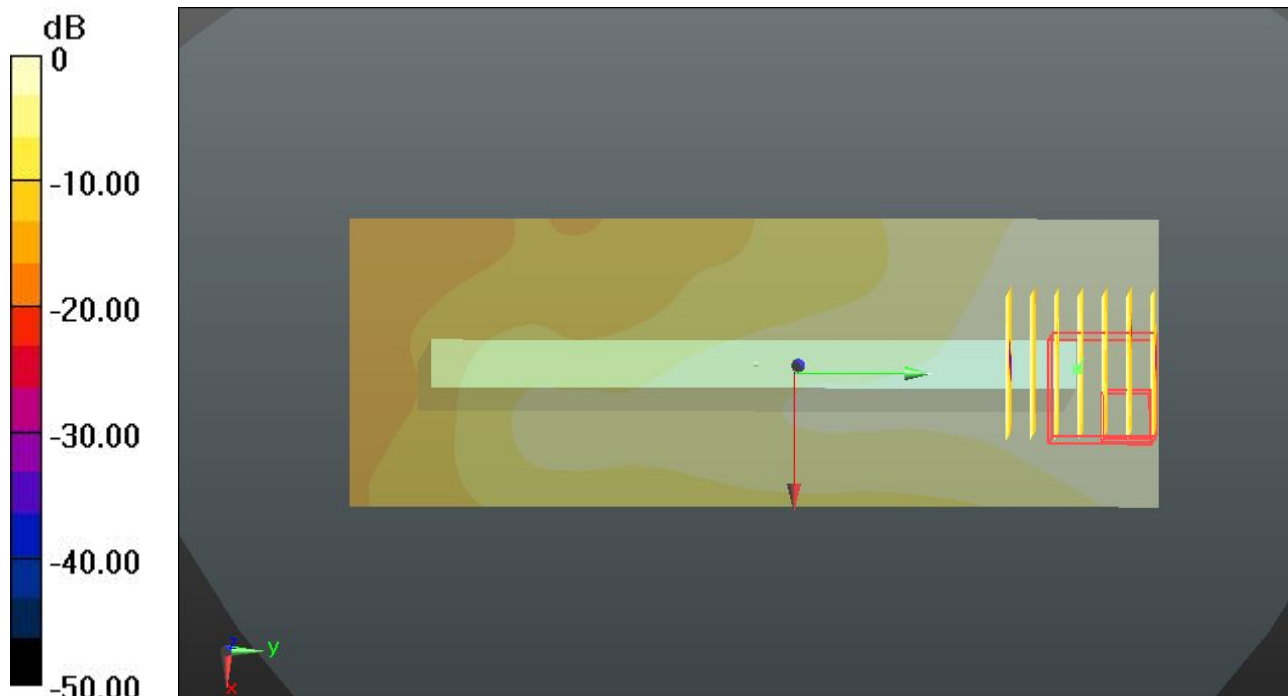
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.460 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.329 mW/g

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.94 W/kg



0 dB = 0.94 W/kg

#205 LTE Band 7_QPSK 1RB 49offset_Bottom Side_1cm_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (51x91x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.30 W/kg

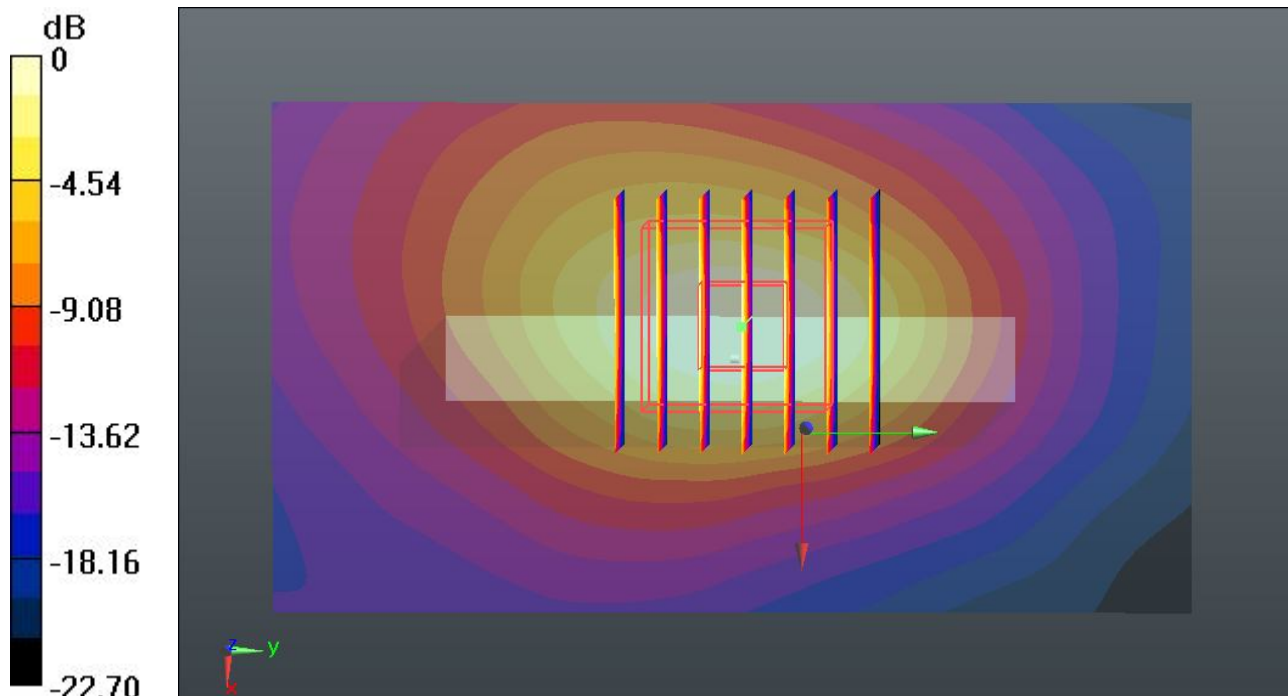
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.633 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.691 mW/g

SAR(1 g) = 0.821 mW/g; SAR(10 g) = 0.384 mW/g

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg

#206 LTE Band 7_QPSK 1RB 49offset_Back_1cm_Ch21020_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2527$ MHz; $\sigma = 2.119$ mho/m; $\epsilon_r =$

51.231 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch21020/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.71 W/kg

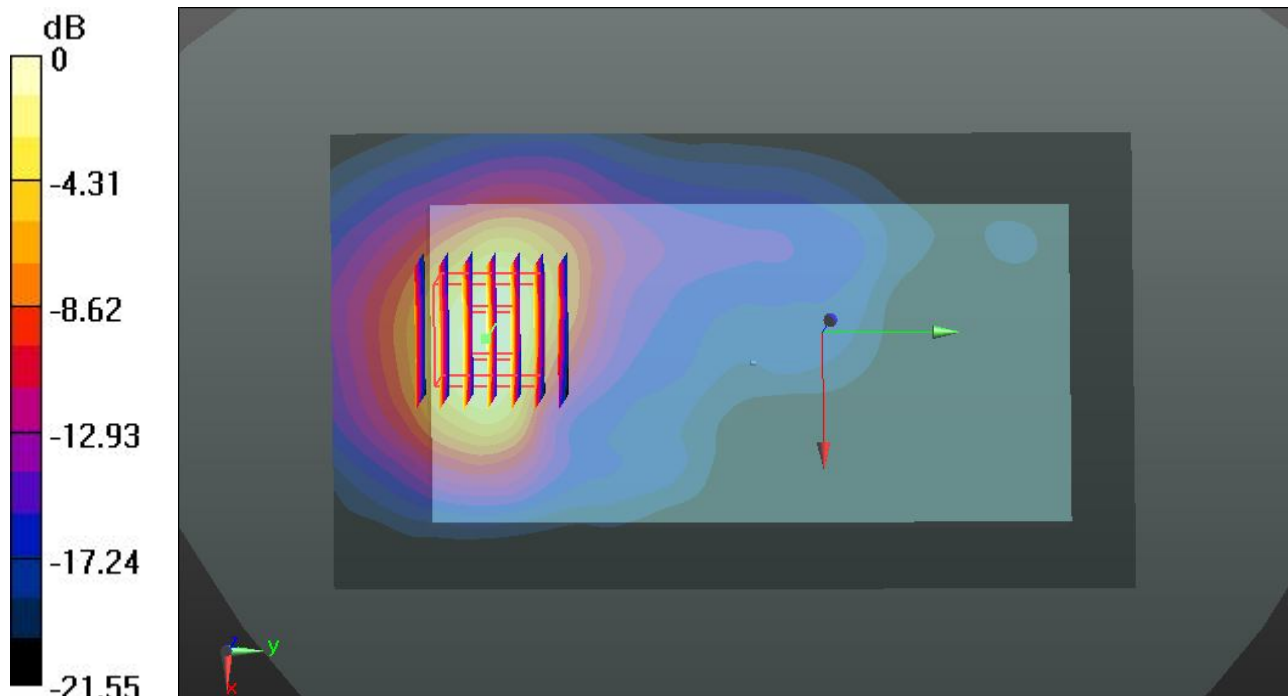
Ch21020/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.707 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.119 mW/g

SAR(1 g) = 1.070 mW/g; SAR(10 g) = 0.506 mW/g

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg

#207 LTE Band 7_QPSK 1RB 49offset_Bottom Side_1cm_Ch21020_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2527$ MHz; $\sigma = 2.119$ mho/m; $\epsilon_r =$

51.231 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch21020/Area Scan (51x91x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.22 W/kg

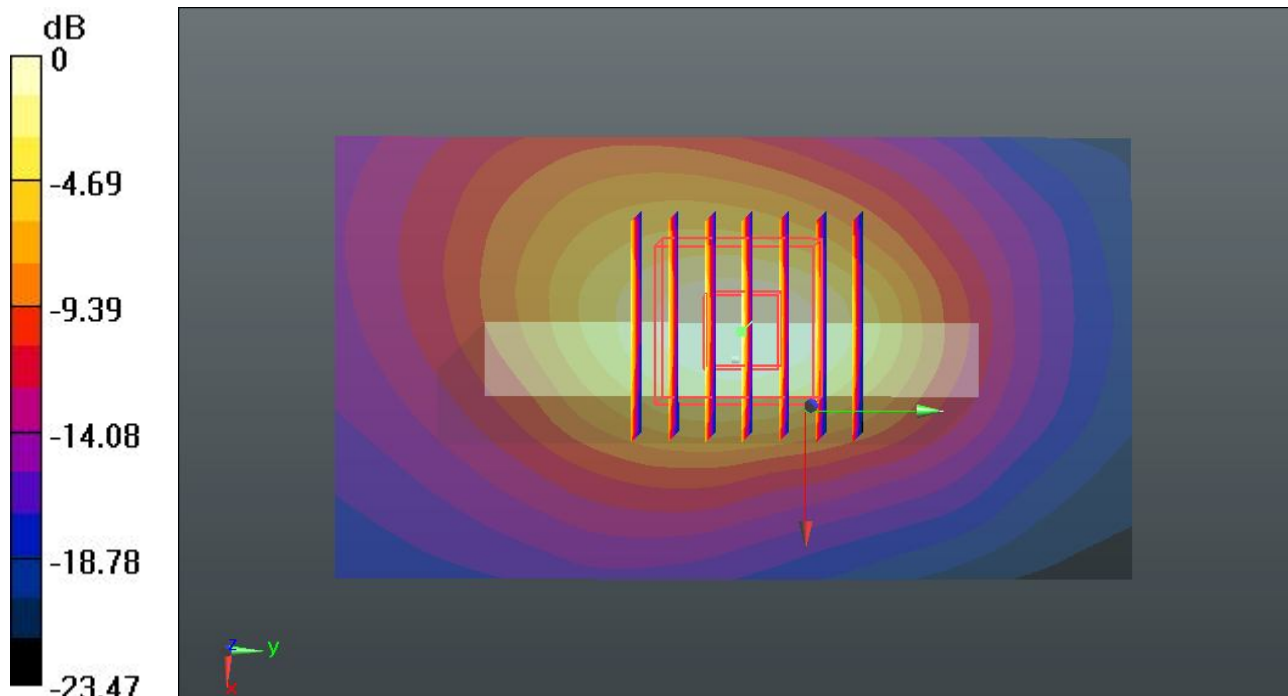
Ch21020/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.849 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.630 mW/g

SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.362 mW/g

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg

#228 LTE Band 7_QPSK 1RB 49offset_Back_1cm_Ch21020_Battery #2

DUT: 340403

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2527$ MHz; $\sigma = 2.119$ mho/m; $\epsilon_r =$

51.231 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch21020/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.66 W/kg

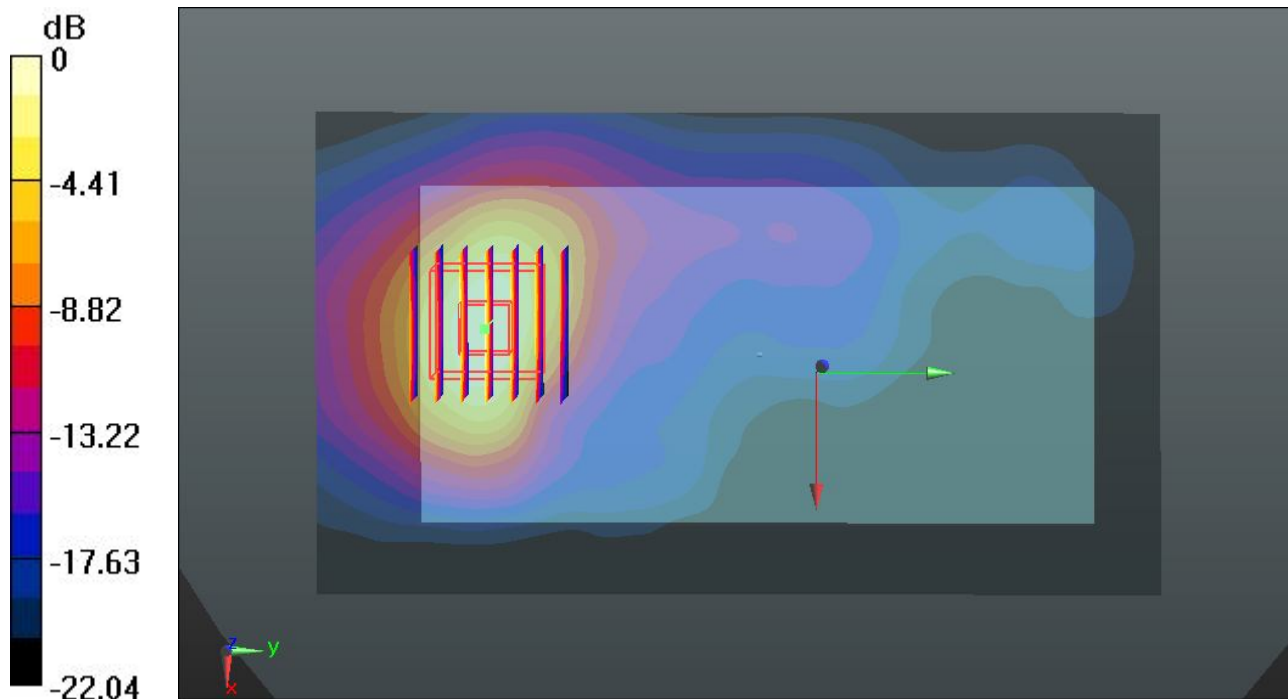
Ch21020/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.562 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.000 mW/g

SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.479 mW/g

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg

#209 LTE Band 7_QPSK 1RB 49offset_Back_1cm_Ch20890_Battery #2

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.79 W/kg

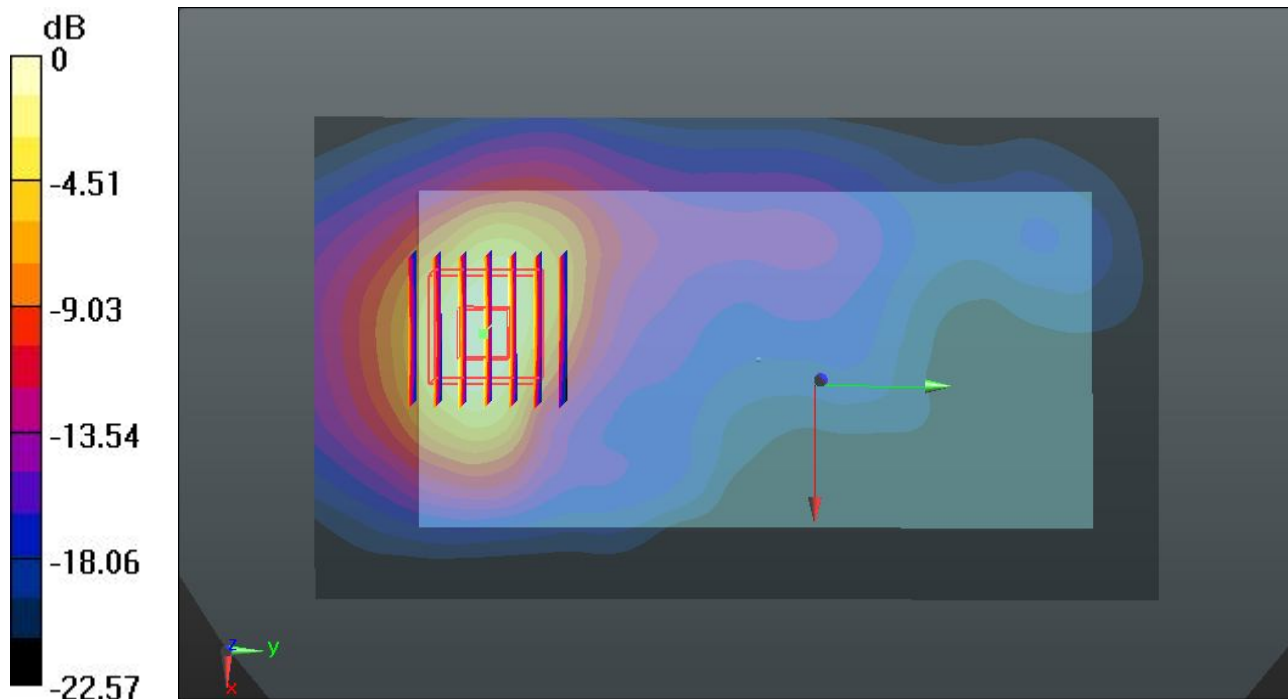
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.478 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.178 mW/g

SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.522 mW/g

Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.64 W/kg

#210 LTE Band 7_QPSK 50RB 24offset_Front_1cm_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.530 W/kg

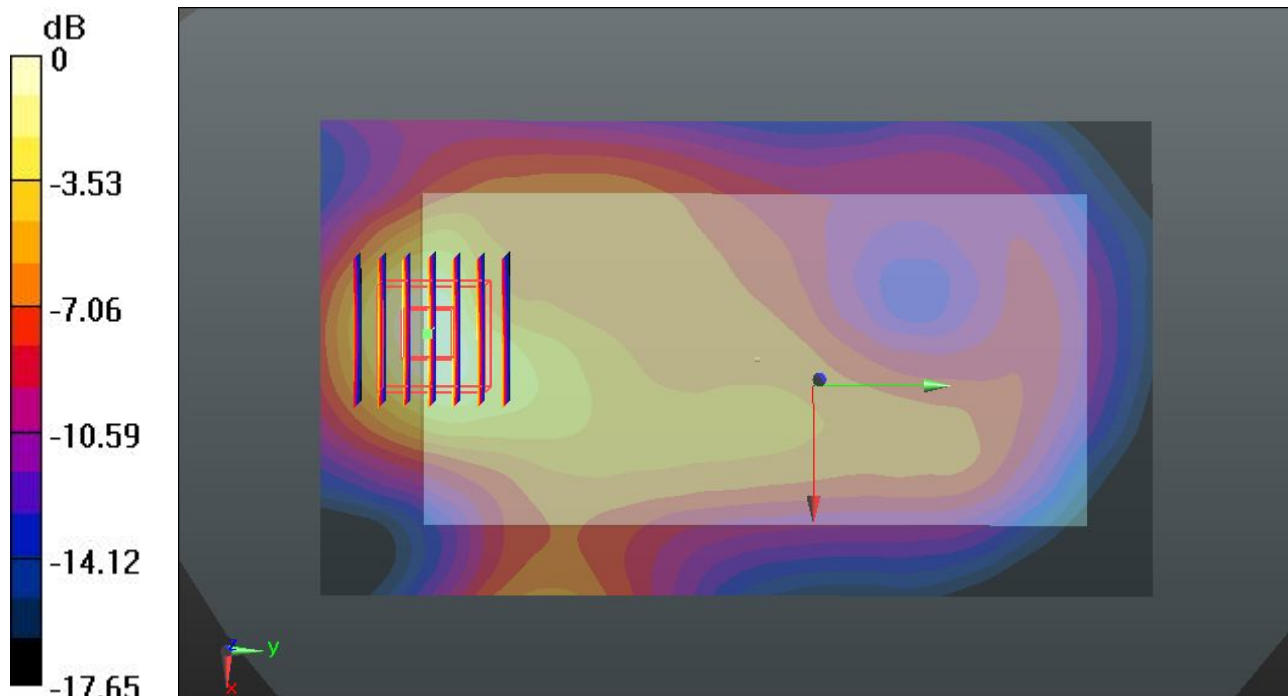
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.622 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.702 mW/g

SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.433 W/kg



0 dB = 0.433 W/kg

#211 LTE Band 7_QPSK 50RB 24offset_Back_1cm_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.43 W/kg

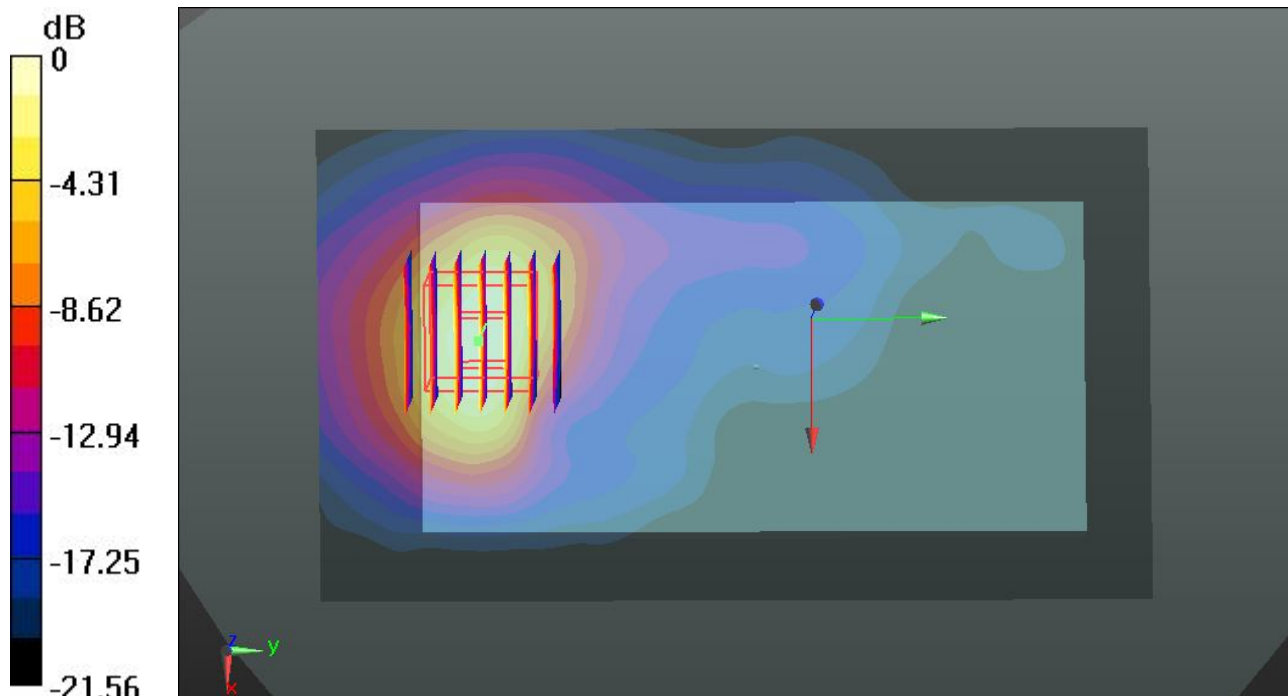
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.717 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.719 mW/g

SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.408 mW/g

Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg

#212 LTE Band 7_QPSK 50RB 24offset_Left Side_1cm_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (51x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0540 W/kg

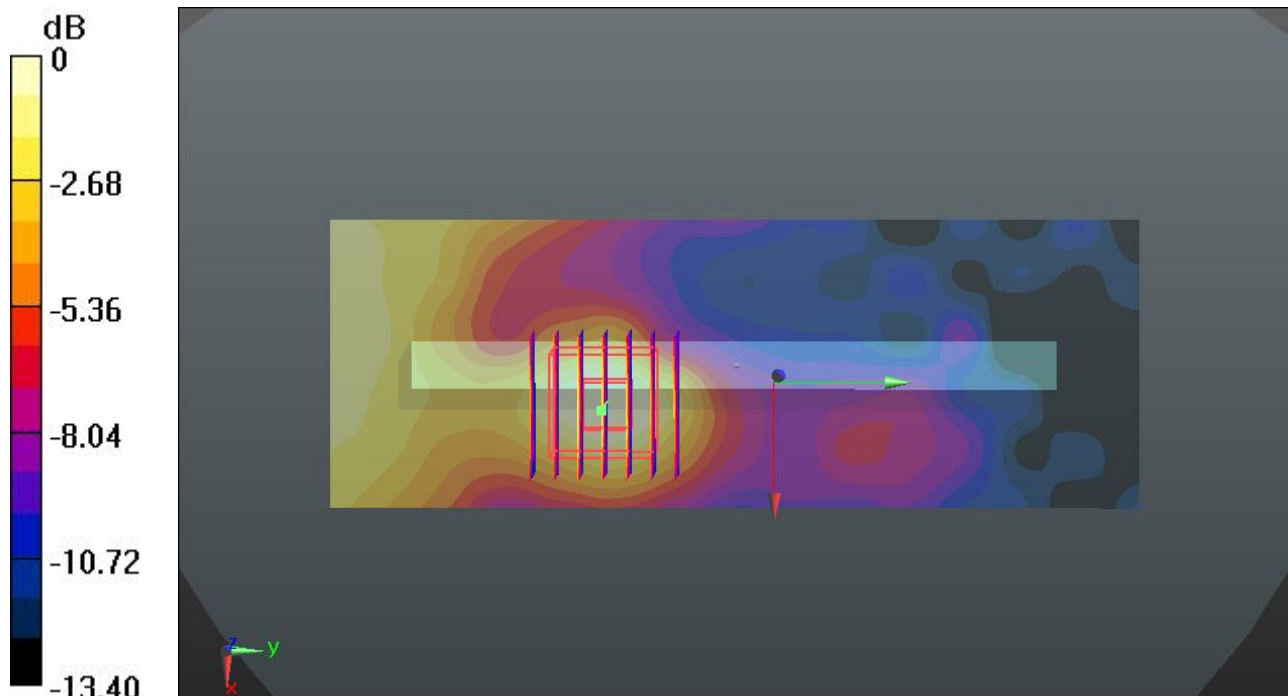
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.002 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.066 mW/g

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.0494 W/kg



0 dB = 0.0494 W/kg

#213 LTE Band 7_QPSK 50RB 24offset_Right Side_1cm_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (51x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0940 W/kg

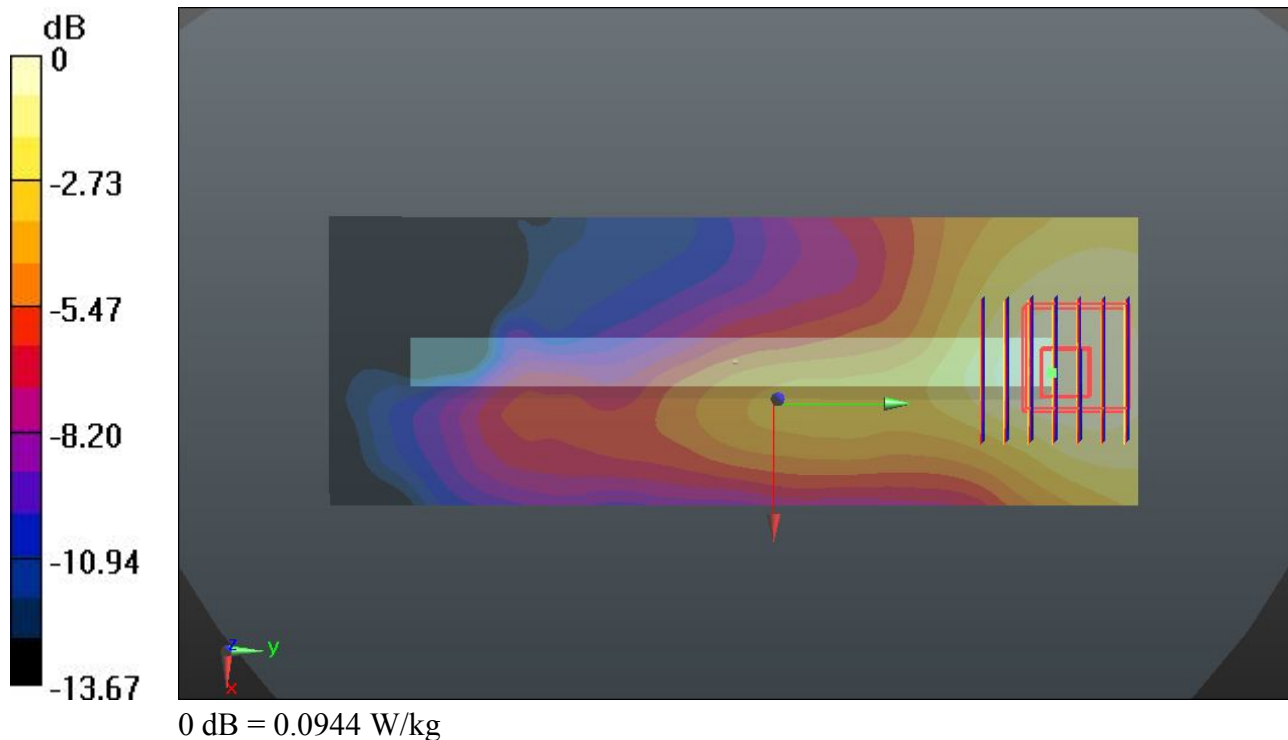
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.761 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.124 mW/g

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.0944 W/kg



#214 LTE Band 7_QPSK 50RB 24offset_Bottom Side_1cm_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (51x91x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.06 W/kg

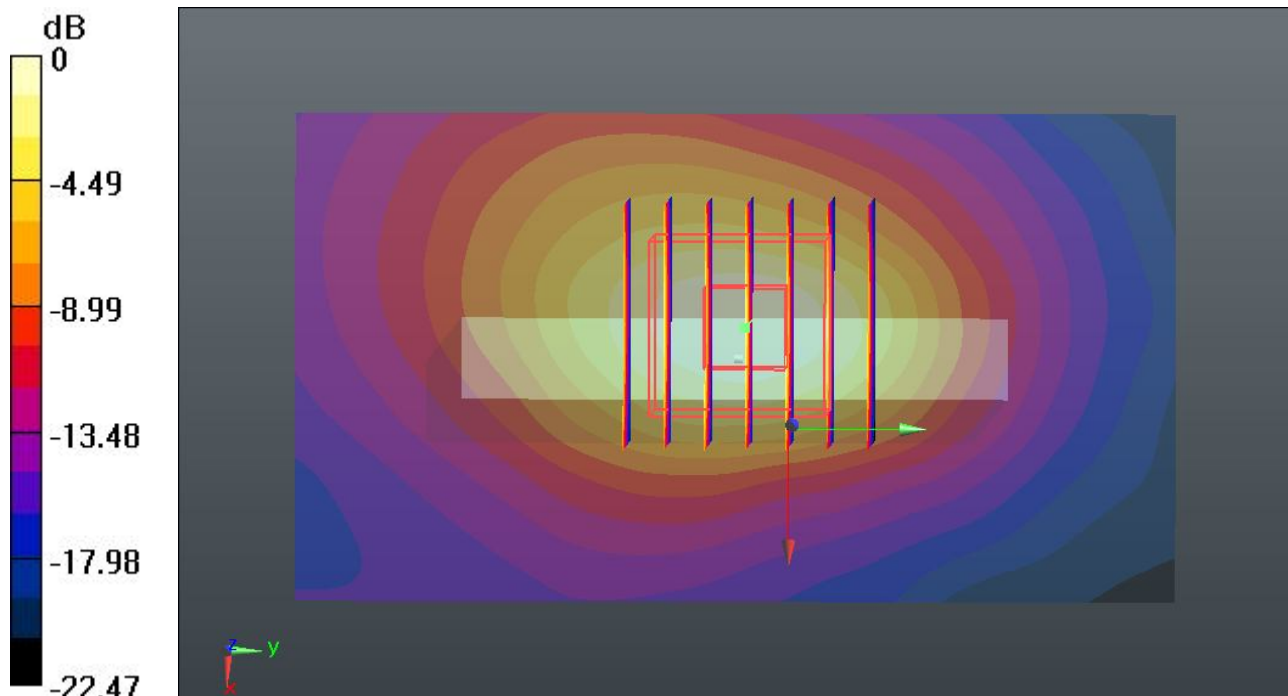
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.259 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.407 mW/g

SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.315 mW/g

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg

#215 LTE Band 7_QPSK 50RB 24offset_Back_1cm_Ch21020_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2527$ MHz; $\sigma = 2.119$ mho/m; $\epsilon_r =$

51.231 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch21020/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.42 W/kg

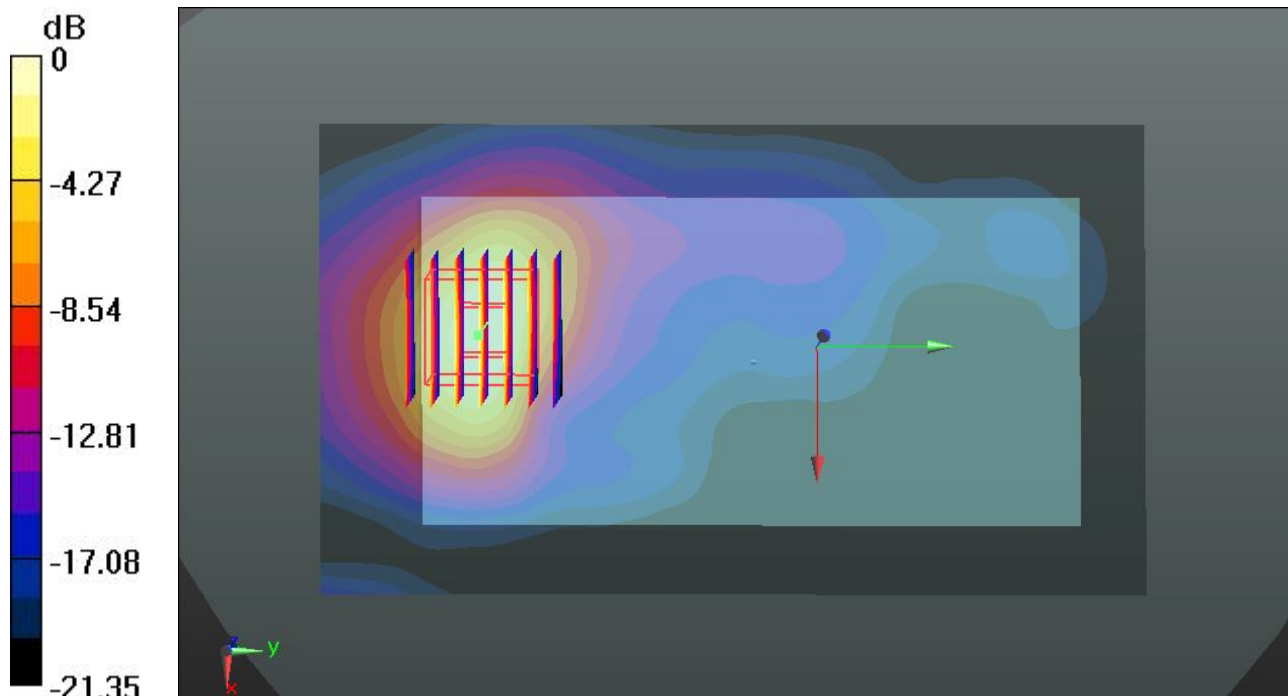
Ch21020/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.647 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.741 mW/g

SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.417 mW/g

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg

#218 LTE Band 7_QPSK 50RB 24offset_Back_1cm_Ch21020_Battery #2

DUT: 340403

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2527$ MHz; $\sigma = 2.119$ mho/m; $\epsilon_r =$

51.231 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch21020/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.44 W/kg

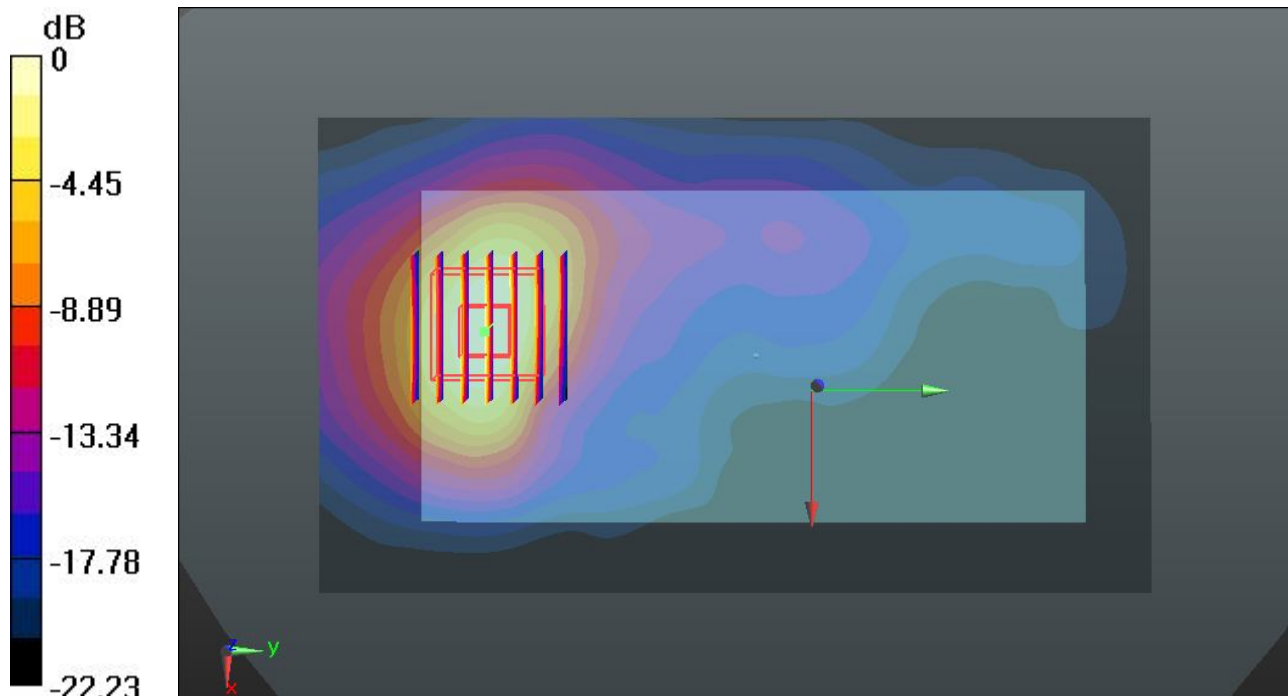
Ch21020/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.449 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.732 mW/g

SAR(1 g) = 0.874 mW/g; SAR(10 g) = 0.413 mW/g

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg

#217 LTE Band 7_QPSK 50RB 24offset_Back_1cm_Ch20890_Battery #2

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.42 W/kg

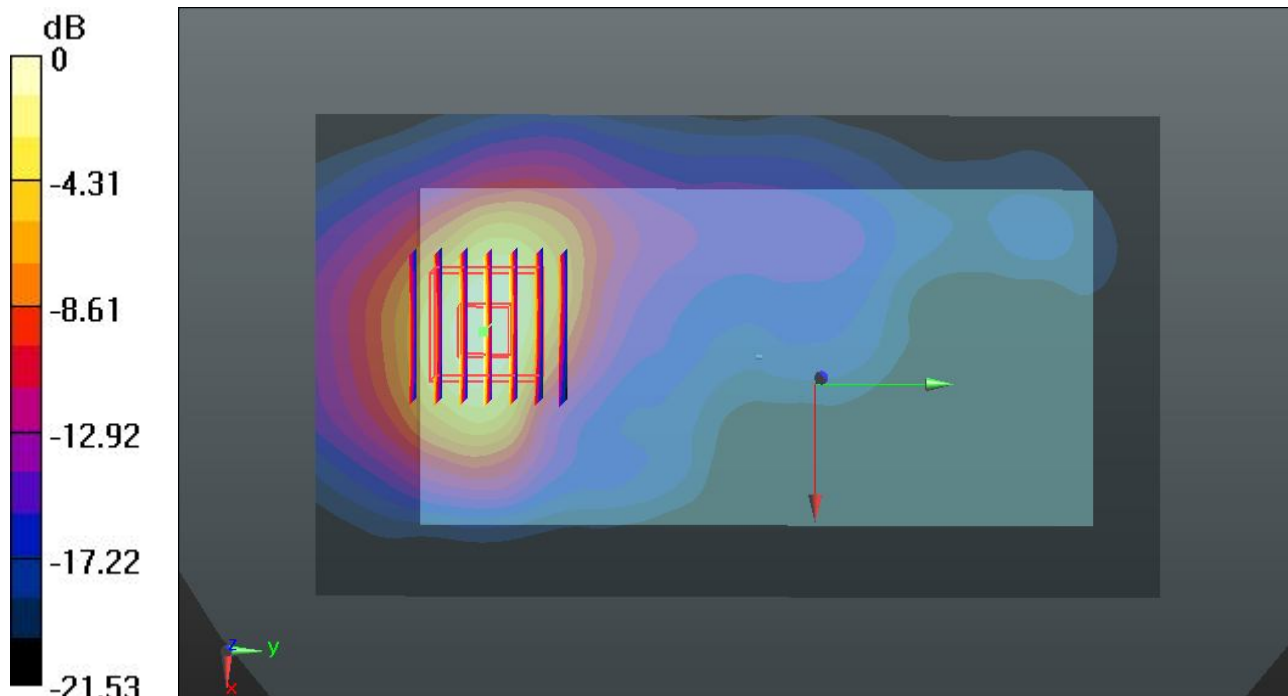
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.523 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.731 mW/g

SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.418 mW/g

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg

#219 LTE Band 7_QPSK 100RB 0offset_Front_1cm_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.362 W/kg

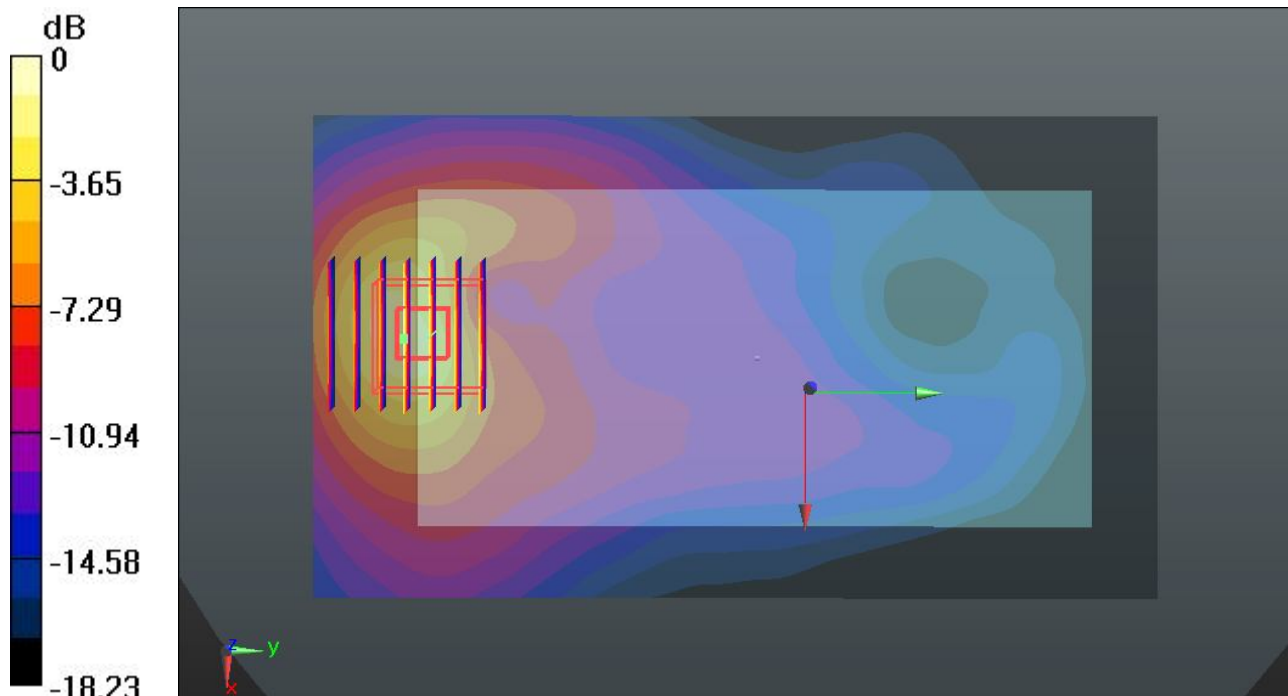
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.249 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.675 mW/g

SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.157 mW/g

Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.508 W/kg

#220 LTE Band 7_QPSK 100RB 0offset_Back_1cm_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.35 W/kg

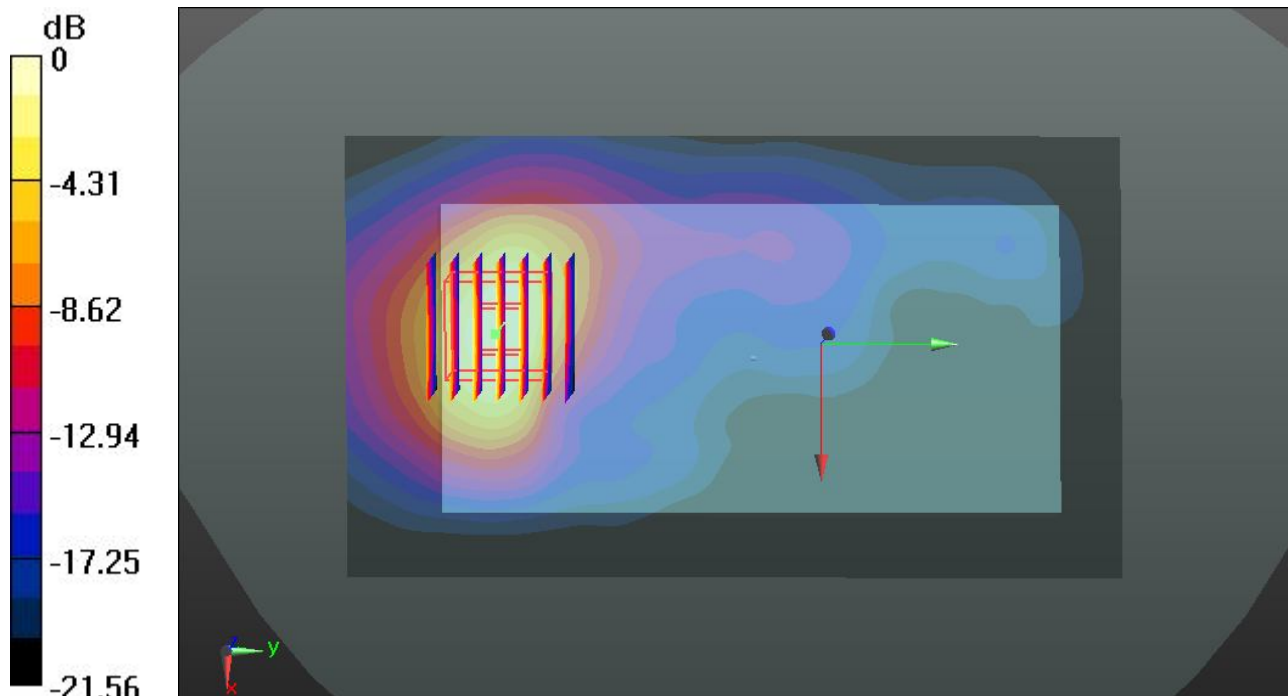
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.557 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.621 mW/g

SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.398 mW/g

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg

#221 LTE Band 7_QPSK 100RB 0offset_Left Side_1cm_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (51x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0512 W/kg

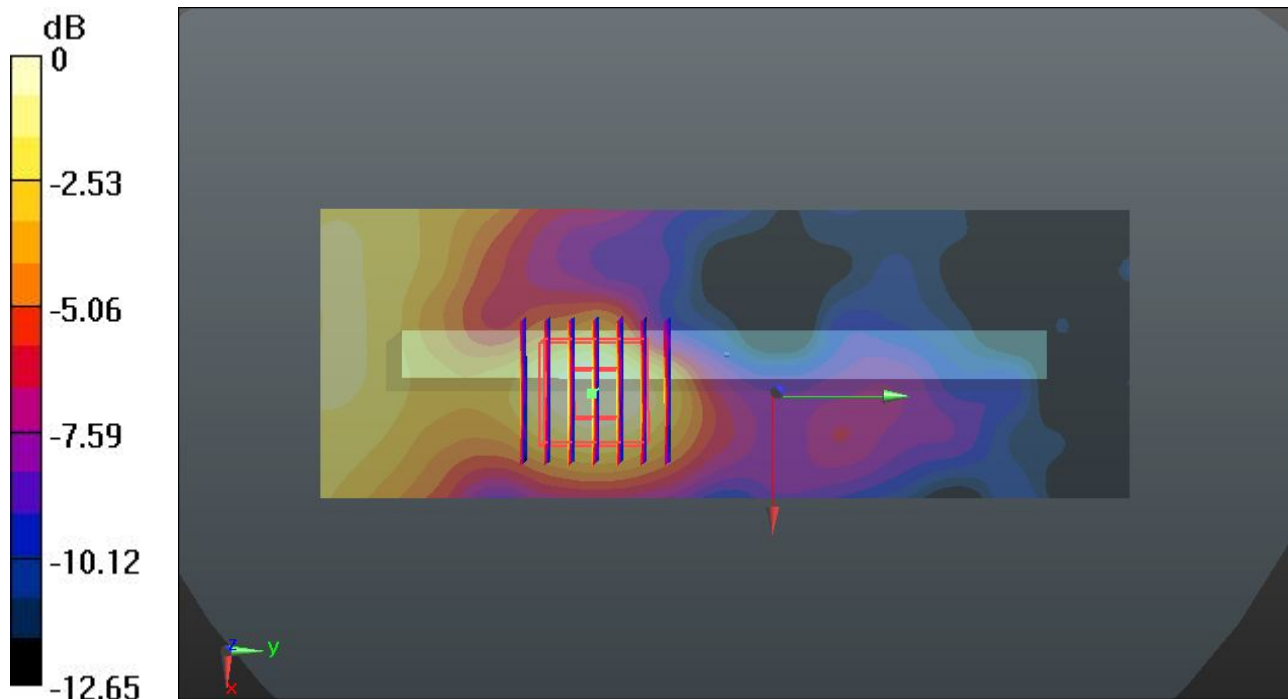
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.814 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.060 mW/g

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.0470 W/kg



0 dB = 0.0470 W/kg

#222 LTE Band 7_QPSK 100RB 0offset_Right Side_1cm_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (51x141x1): Interpolated grid: dx=12mm, dy=12mm

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

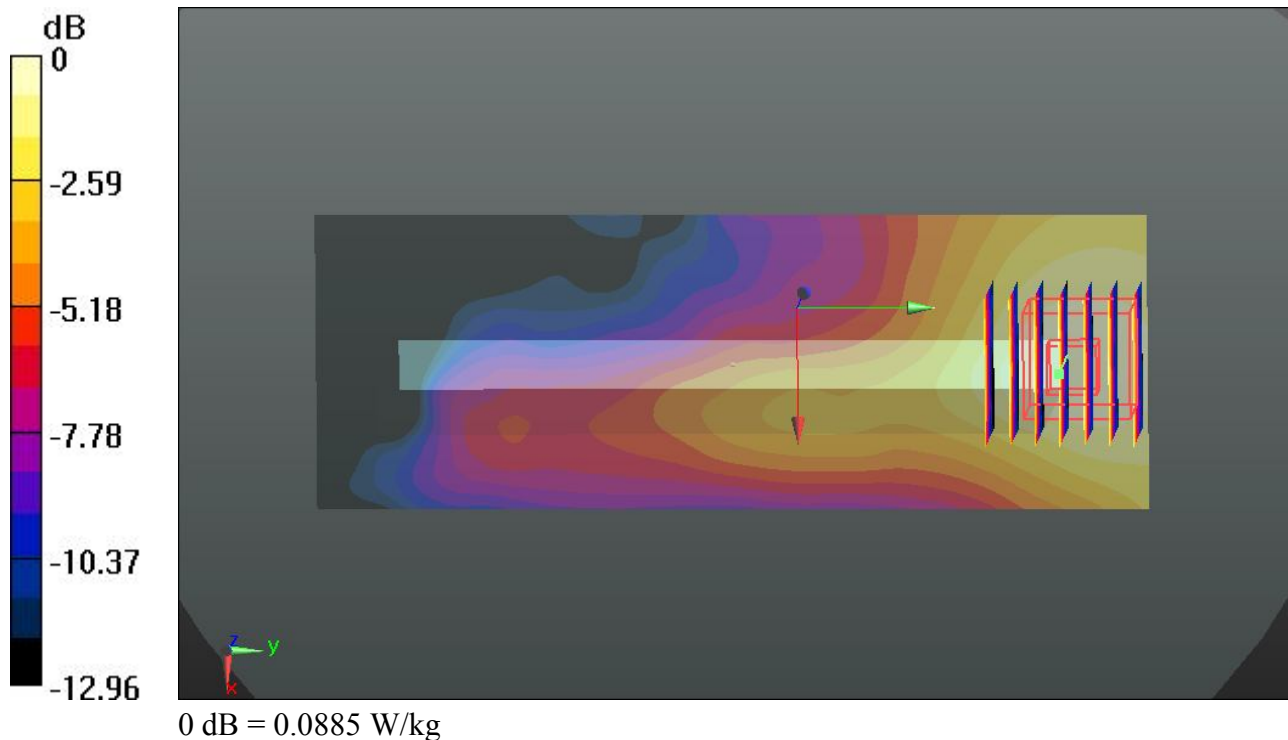
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.515 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.115 mW/g

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.0885 W/kg



#223 LTE Band 7_QPSK 100RB 0offset_Bottom Side_1cm_Ch20890_Battery #1

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (51x91x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.980 W/kg

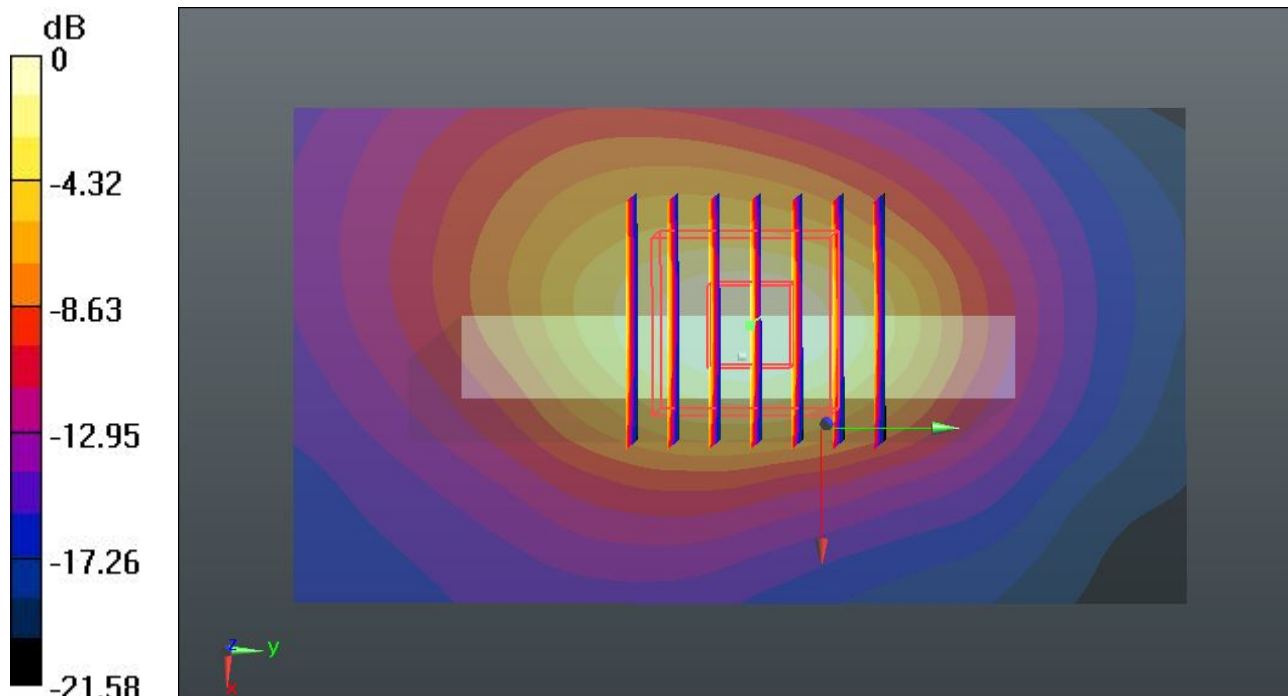
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.412 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.297 mW/g

SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 0.954 W/kg



0 dB = 0.954 W/kg

#226 LTE Band 7_QPSK 100RB 0offset_Back_1cm_Ch20890_Battery #2

DUT: 340403

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL_2600_130906 Medium parameters used: $f = 2514$ MHz; $\sigma = 2.105$ mho/m; $\epsilon_r =$

51.284; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.44 W/kg

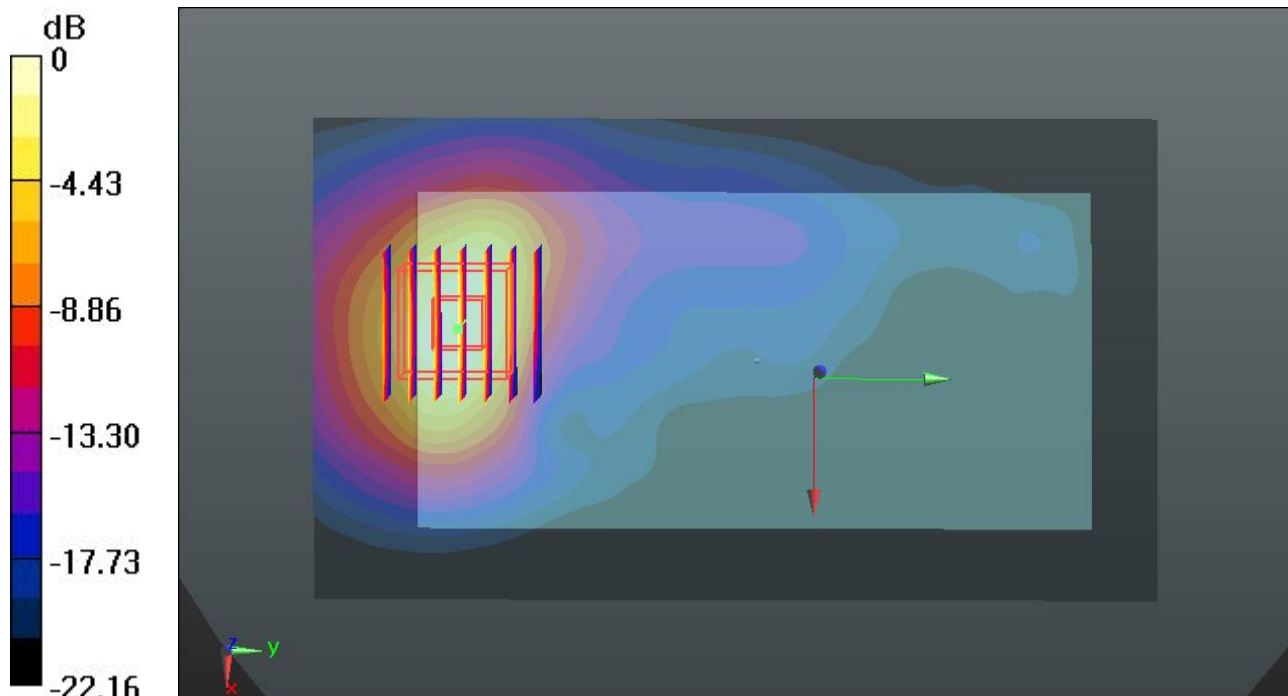
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.443 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.773 mW/g

SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.422 mW/g

Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg

#33 WLAN 2.4GHz_802.11b_Front_1cm_Ch11_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL_2450_130827 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r =$

51.623; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0341 W/kg

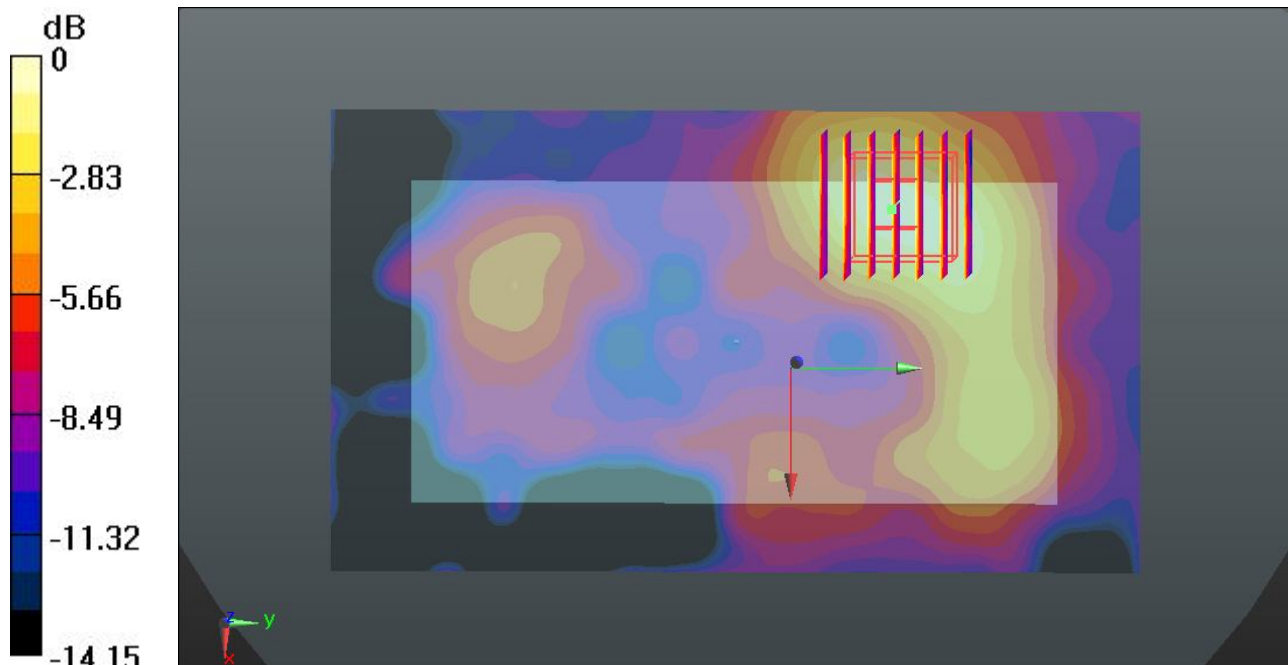
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.429 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.047 mW/g

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.0366 W/kg



0 dB = 0.0366 W/kg

#34 WLAN 2.4GHz_802.11b_Back_1cm_Ch11_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL_2450_130827 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r =$

51.623; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.207 W/kg

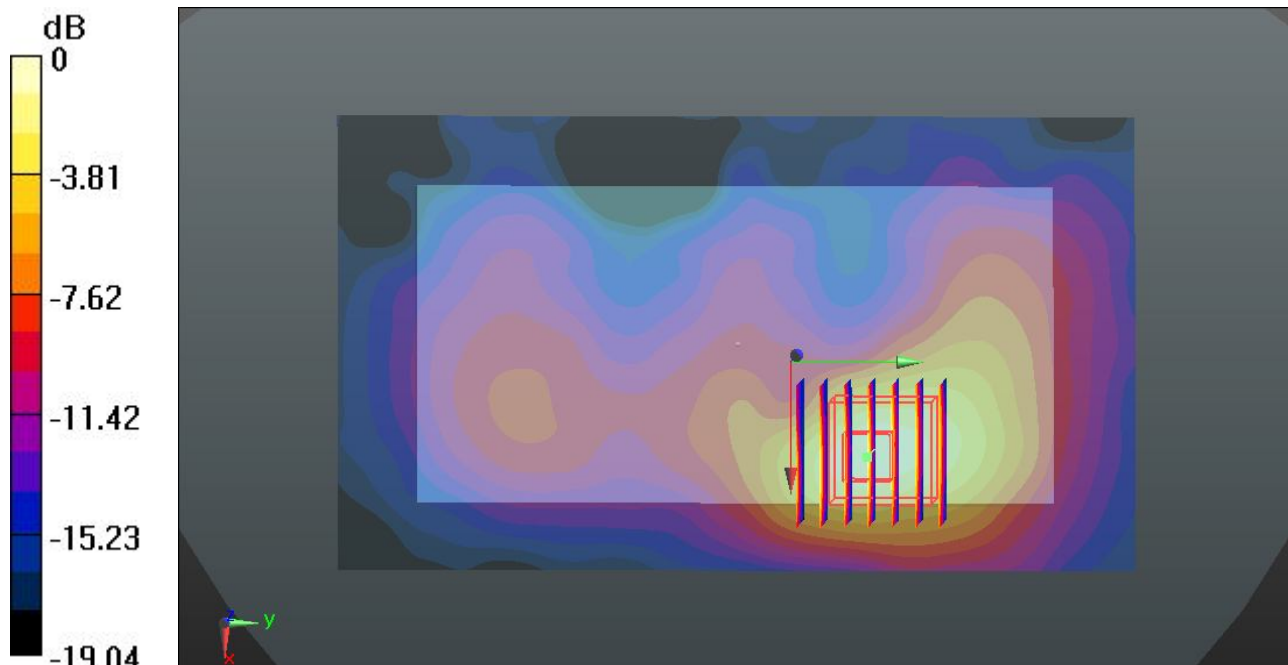
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.262 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.268 mW/g

SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.066 mW/g

Maximum value of SAR (measured) = 0.196 W/kg



0 dB = 0.196 W/kg

#35 WLAN 2.4GHz_802.11b_Left Side_1cm_Ch11_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL_2450_130827 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r =$

51.623 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (51x141x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.154 W/kg

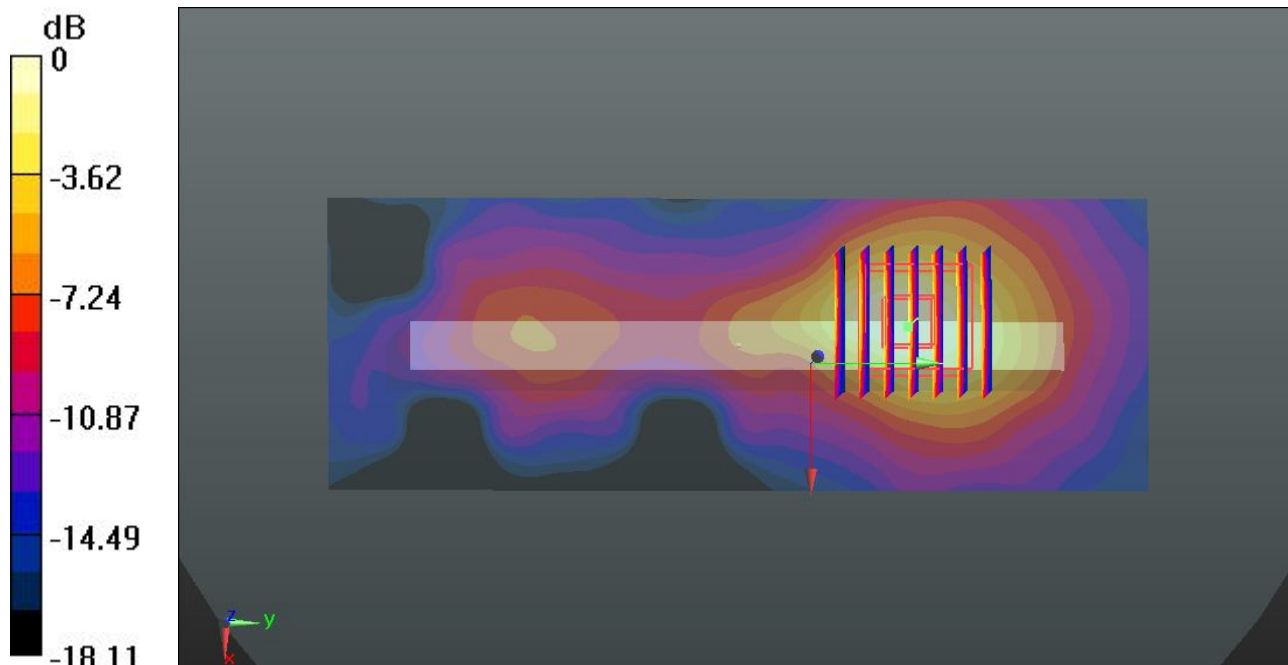
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.954 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.207 mW/g

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.155 W/kg



0 dB = 0.155 W/kg

#37 WLAN 2.4GHz_802.11b_Back_1cm_Ch11_Battery #2

DUT: 340403

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL_2450_130827 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r =$

51.623 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x141x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.249 W/kg

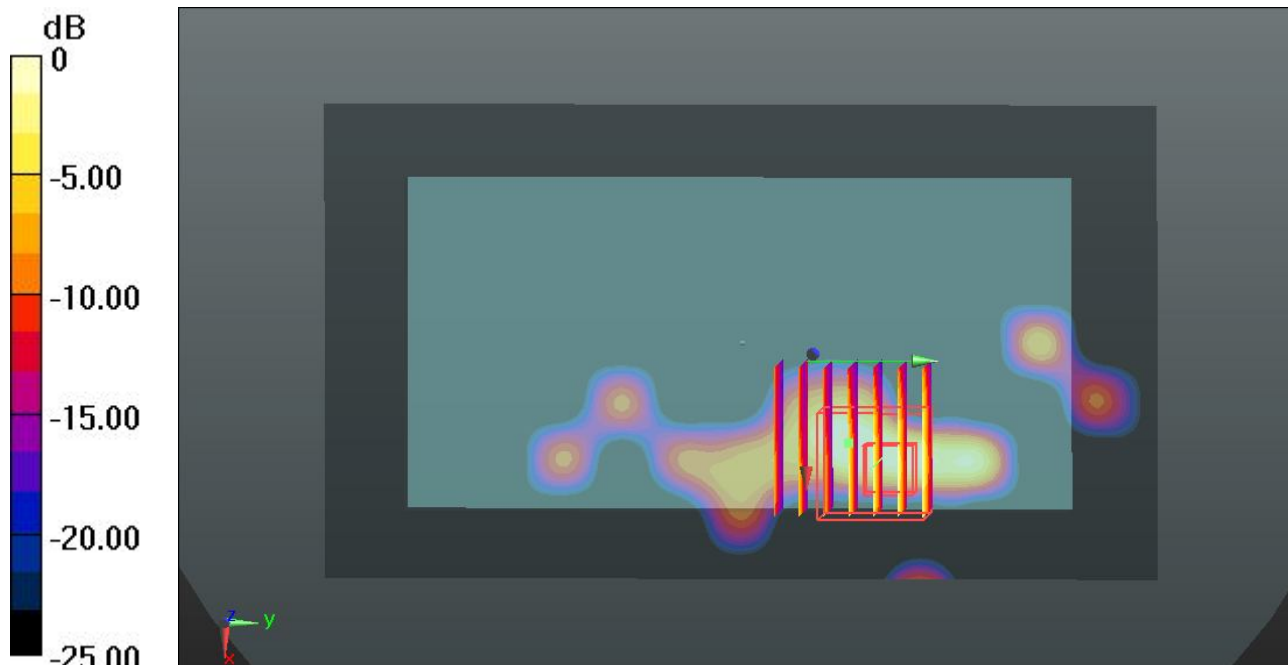
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.656 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.262 mW/g

SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.059 mW/g

Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.190 W/kg

#53 WLAN 5.2GHz_802.11a 6Mbps_Front_1cm_Ch48_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.153

Medium: MSL_5G_130827 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.339$ mho/m; $\epsilon_r =$

48.474; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.63, 4.63, 4.63); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0601 W/kg

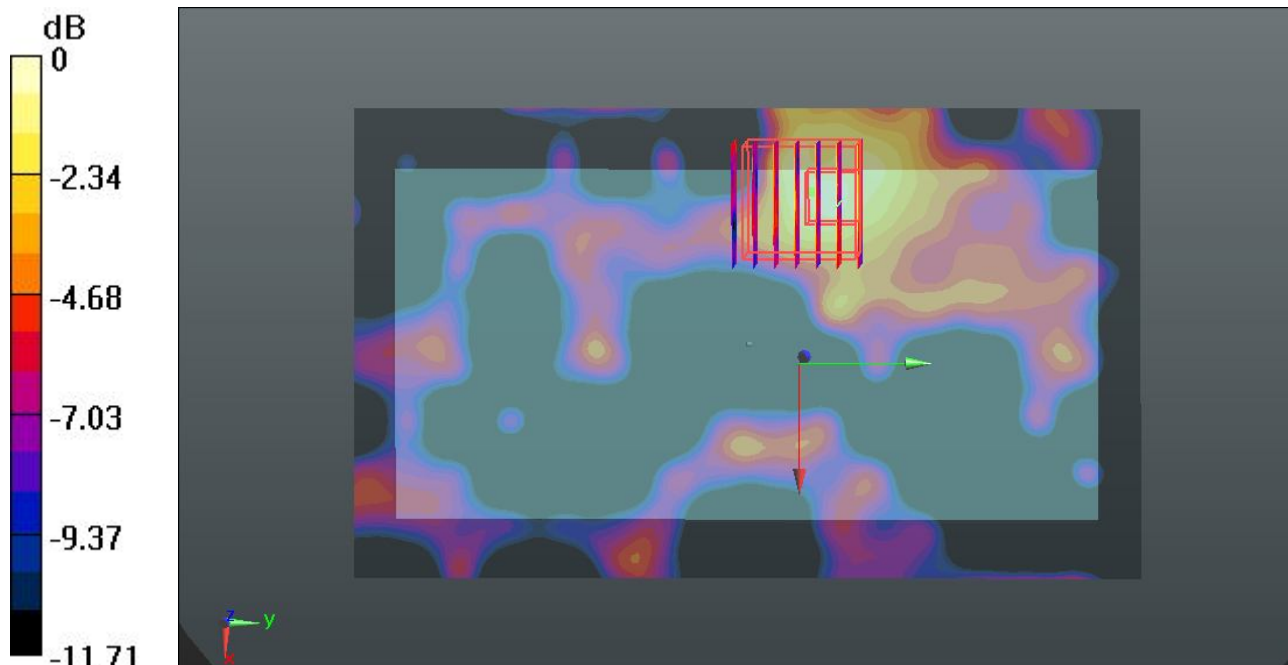
Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.368 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.092 mW/g

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.0652 W/kg



#54 WLAN 5.2GHz_802.11a 6Mbps_Back_1cm_Ch48_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.153

Medium: MSL_5G_130827 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.339$ mho/m; $\epsilon_r =$

48.474; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.63, 4.63, 4.63); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.154 W/kg

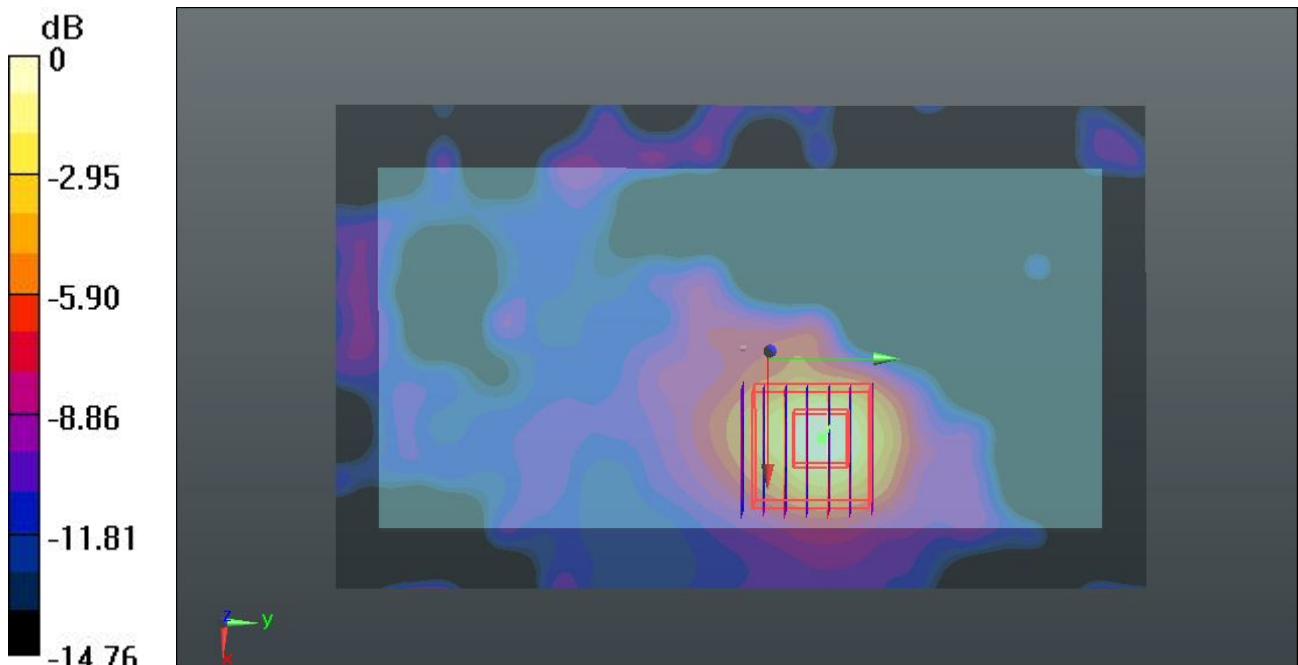
Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.951 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.231 mW/g

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.146 W/kg

#55 WLAN 5.2GHz_802.11a 6Mbps_Back_1cm_Ch48_Battery #2

DUT: 340403

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.153

Medium: MSL_5G_130827 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.339$ mho/m; $\epsilon_r =$

48.474; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.63, 4.63, 4.63); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.122 W/kg

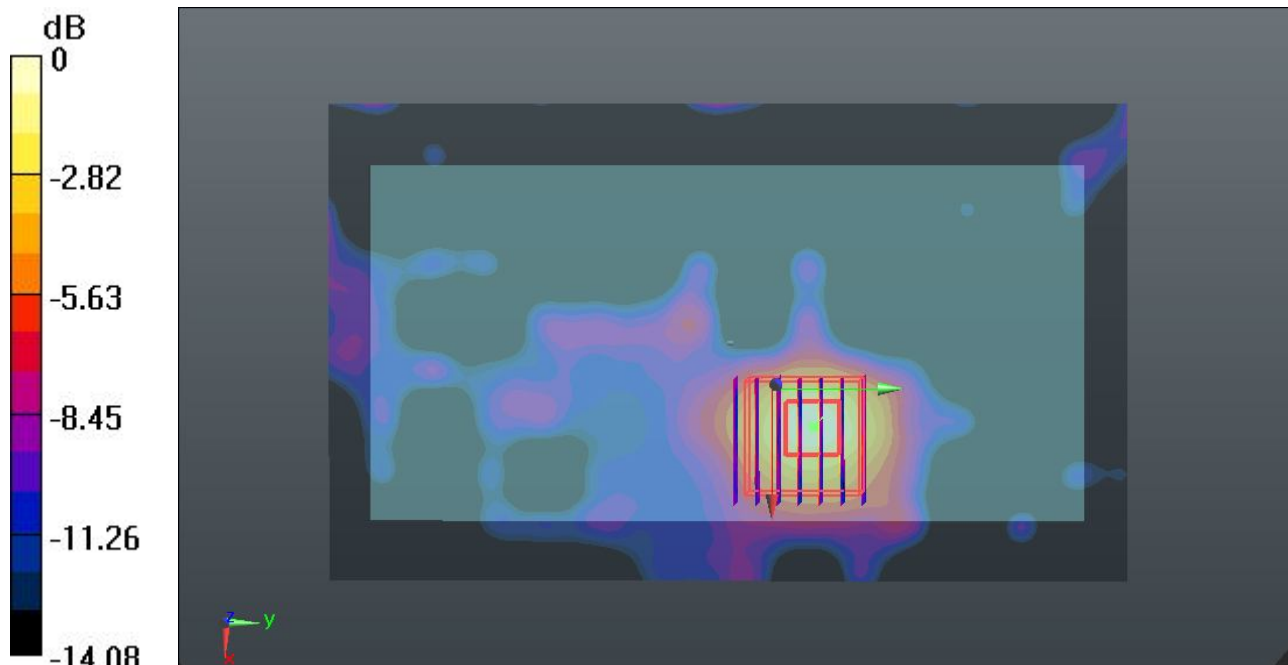
Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.296 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.198 mW/g

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.124 W/kg



0 dB = 0.124 W/kg

#261 WLAN 5.3GHz_802.11a 6Mbps_Front_1cm_Ch64_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1.153

Medium: MSL_5G_130913 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.434$ mho/m; $\epsilon_r = 48.032$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.31, 4.31, 4.31); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0273 W/kg

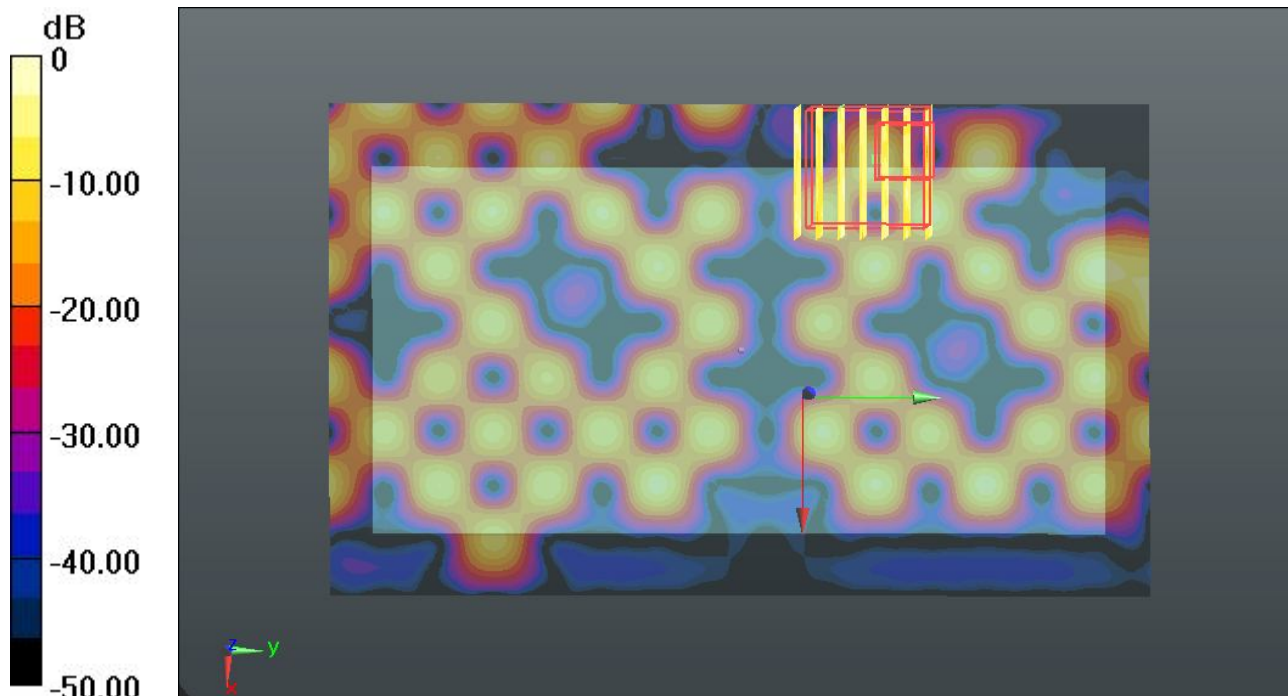
Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.764 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.062 mW/g

SAR(1 g) = 0.00578 mW/g; SAR(10 g) = 0.00217 mW/g

Maximum value of SAR (measured) = 0.0573 W/kg



0 dB = 0.0573 W/kg

#262 WLAN 5.3GHz_802.11a 6Mbps_Back_1cm_Ch64_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1.153

Medium: MSL_5G_130913 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.434$ mho/m; $\epsilon_r = 48.032$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.31, 4.31, 4.31); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.315 W/kg

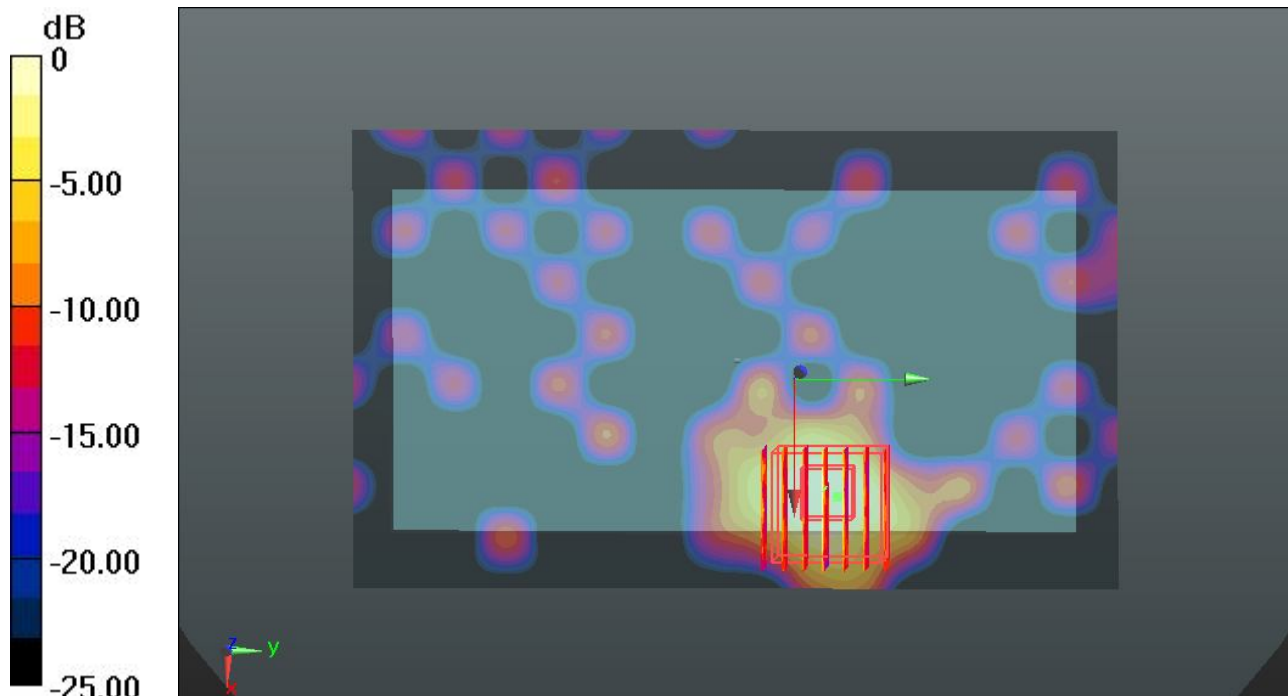
Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.141 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.068 mW/g

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.268 W/kg



0 dB = 0.268 W/kg

#271 WLAN 5.3GHz_802.11a 6Mbps_Back_1cm_Ch64_Battery #2

DUT: 340403

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130913 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.434$ mho/m; $\epsilon_r = 48.032$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.31, 4.31, 4.31); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.635 W/kg

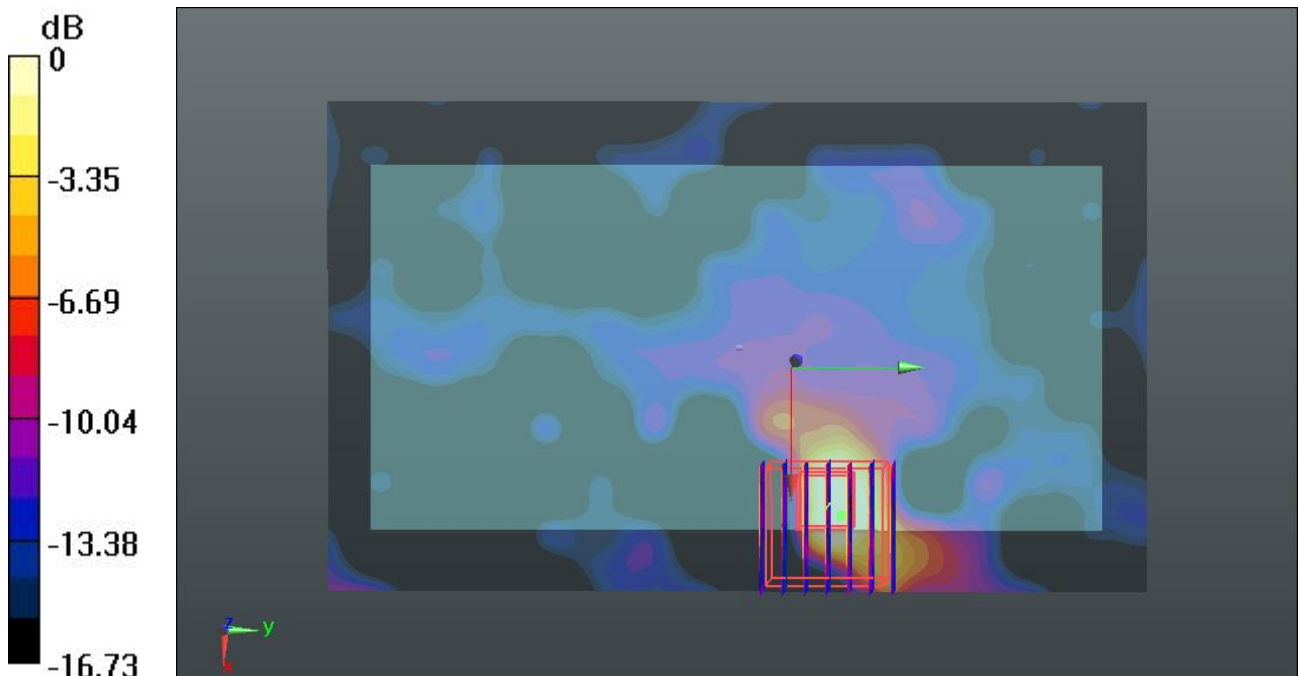
Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.753 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.451 mW/g

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.273 W/kg



0 dB = 0.273 W/kg

#266 WLAN 5.5GHz_802.11a 6Mbps_Front_1cm_Ch140_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5700 MHz; Duty Cycle: 1:1.153

Medium: MSL_5G_130913 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.981$ mho/m; $\epsilon_r = 47.23$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.142 W/kg

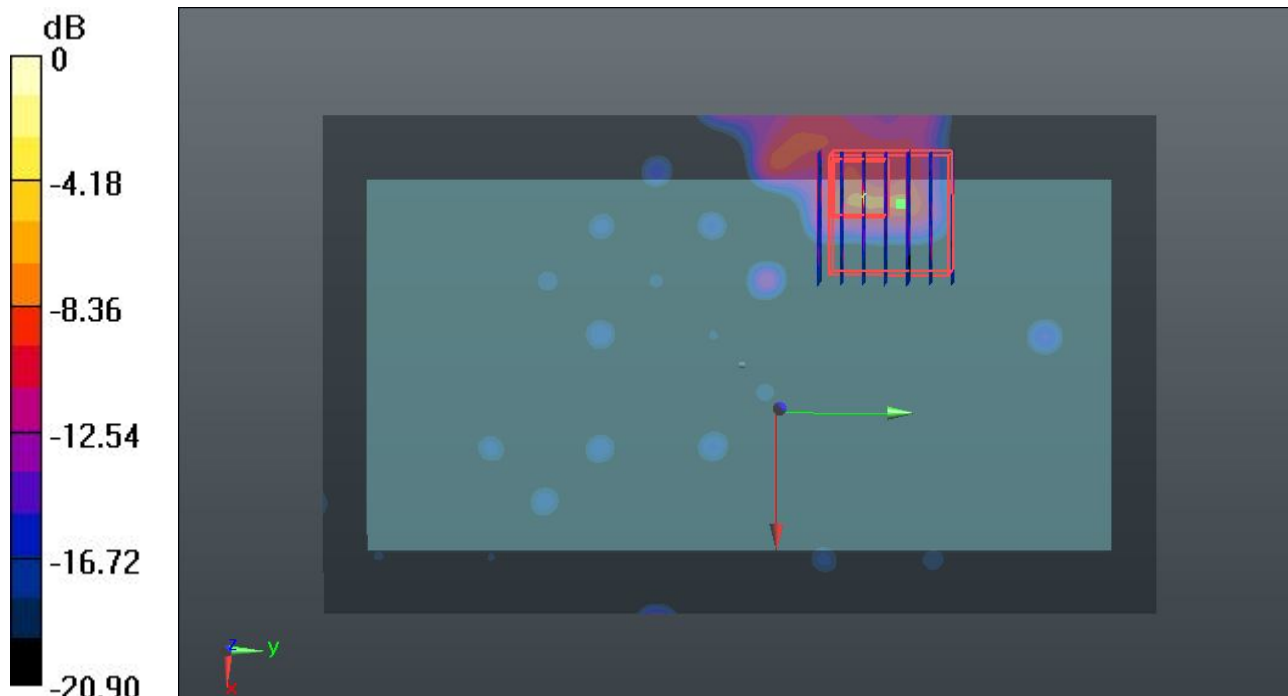
Ch140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.554 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.880 mW/g

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.00523 mW/g

Maximum value of SAR (measured) = 0.880 W/kg



0 dB = 0.880 W/kg

#267 WLAN 5.5GHz_802.11a 6Mbps_Back_1cm_Ch140_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5700 MHz; Duty Cycle: 1:1.153

Medium: MSL_5G_130913 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.981$ mho/m; $\epsilon_r = 47.23$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.93 W/kg

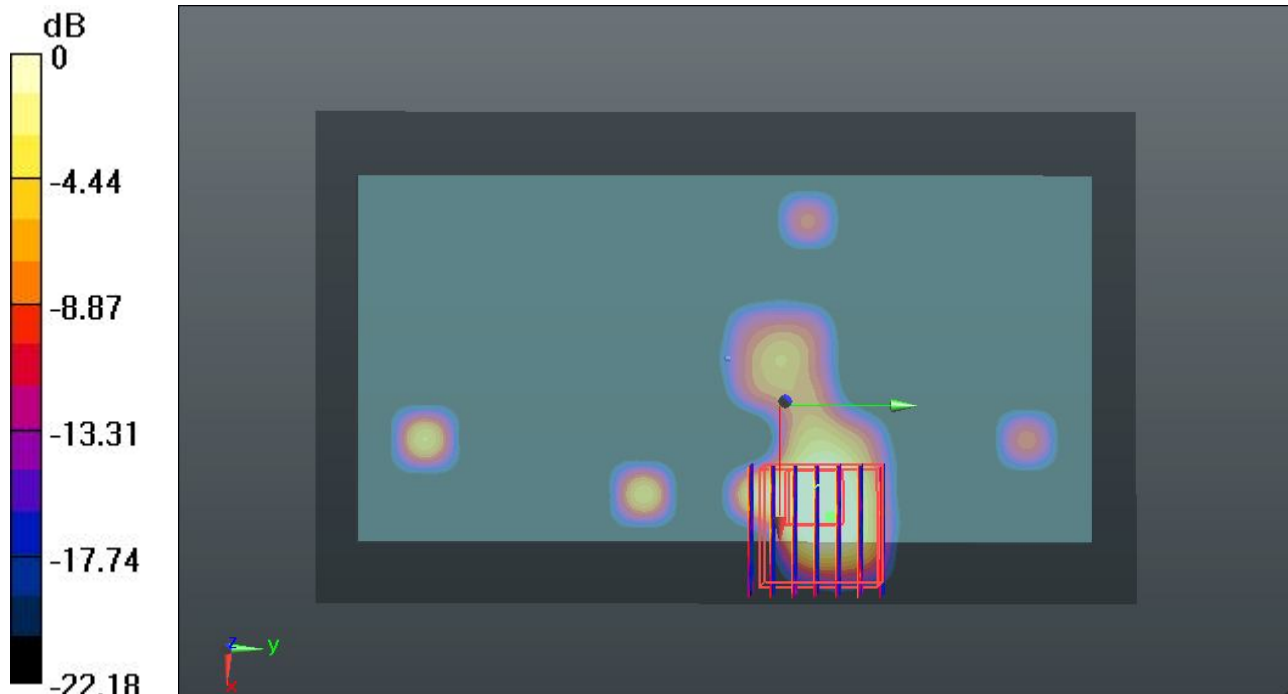
Ch140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.405 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.939 mW/g

SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.919 W/kg



0 dB = 0.919 W/kg

#272 WLAN 5.5GHz_802.11a 6Mbps_Back_1cm_Ch140_Battery #2

DUT: 340403

Communication System: WIFI; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130913 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.981$ mho/m; $\epsilon_r = 47.23$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.997 W/kg

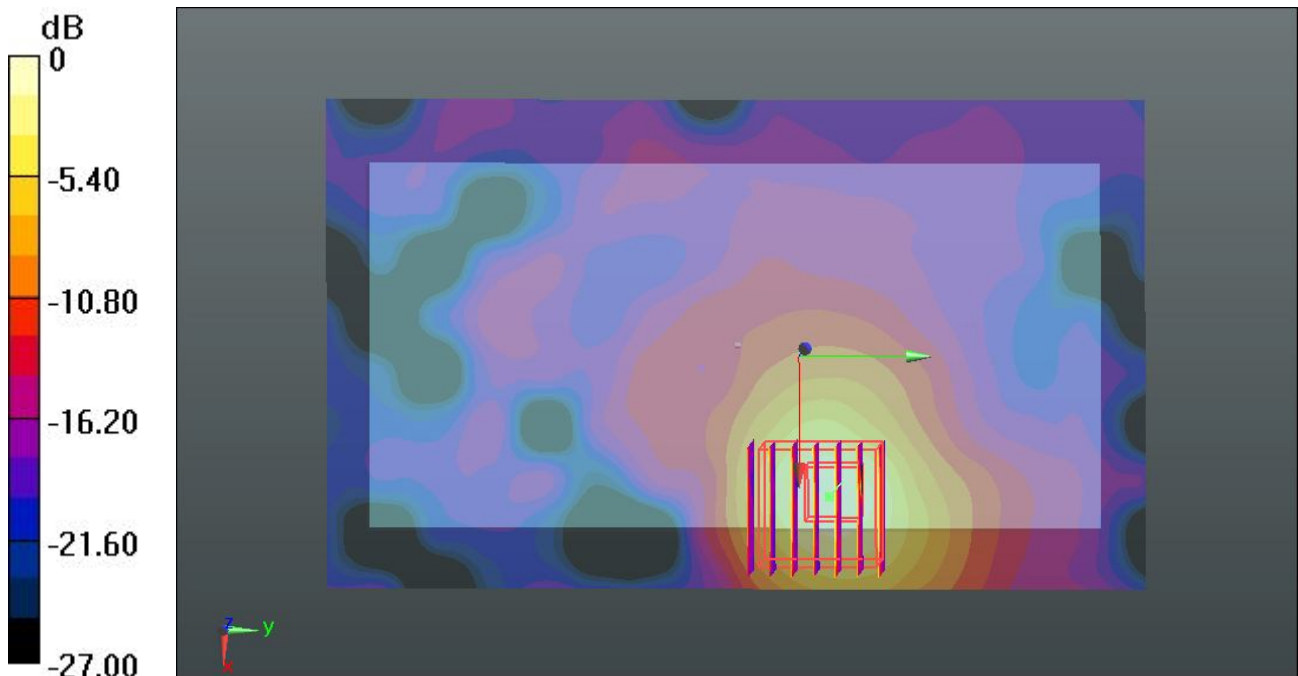
Ch140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.761 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.417 mW/g

SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.949 W/kg



0 dB = 0.949 W/kg

#56 WLAN 5.8GHz_802.11a 6Mbps_Front_1cm_Ch161_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: MSL_5G_130827 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.121$ mho/m; $\epsilon_r =$

47.135; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.09, 4.09, 4.09); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch161/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0967 W/kg

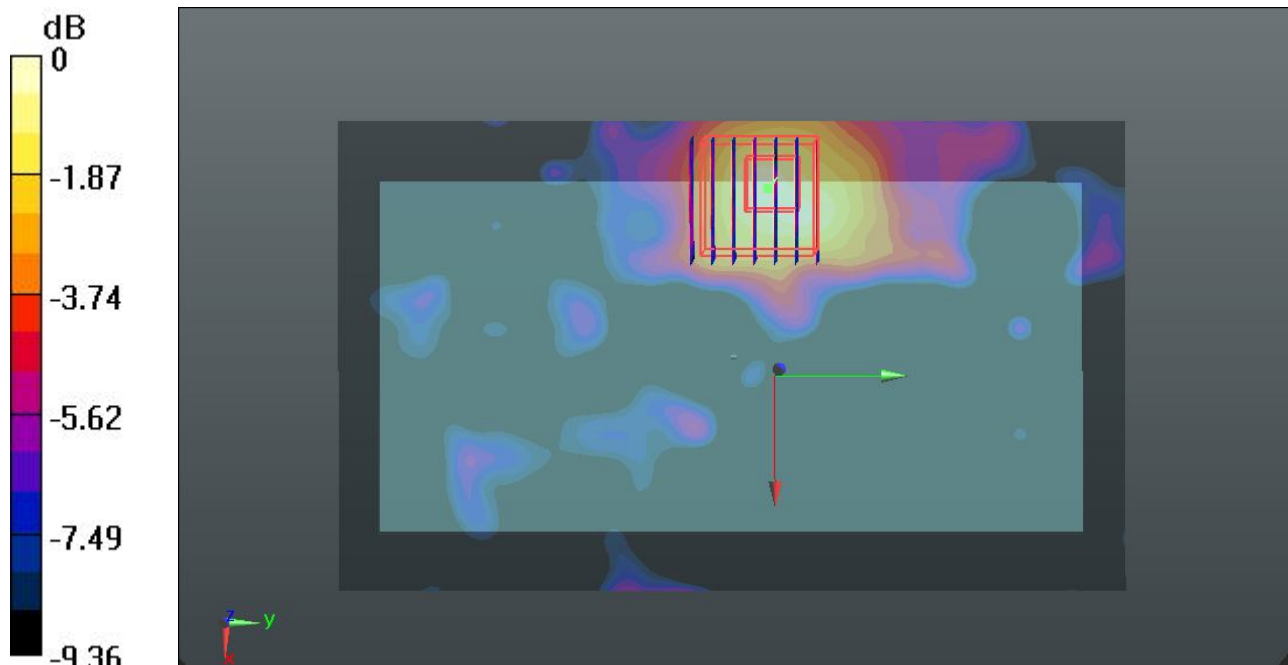
Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.580 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.172 mW/g

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.103 W/kg

#57 WLAN 5.8GHz_802.11a 6Mbps_Back_1cm_Ch161_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: MSL_5G_130827 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.121$ mho/m; $\epsilon_r =$

47.135 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.09, 4.09, 4.09); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch161/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.931 W/kg

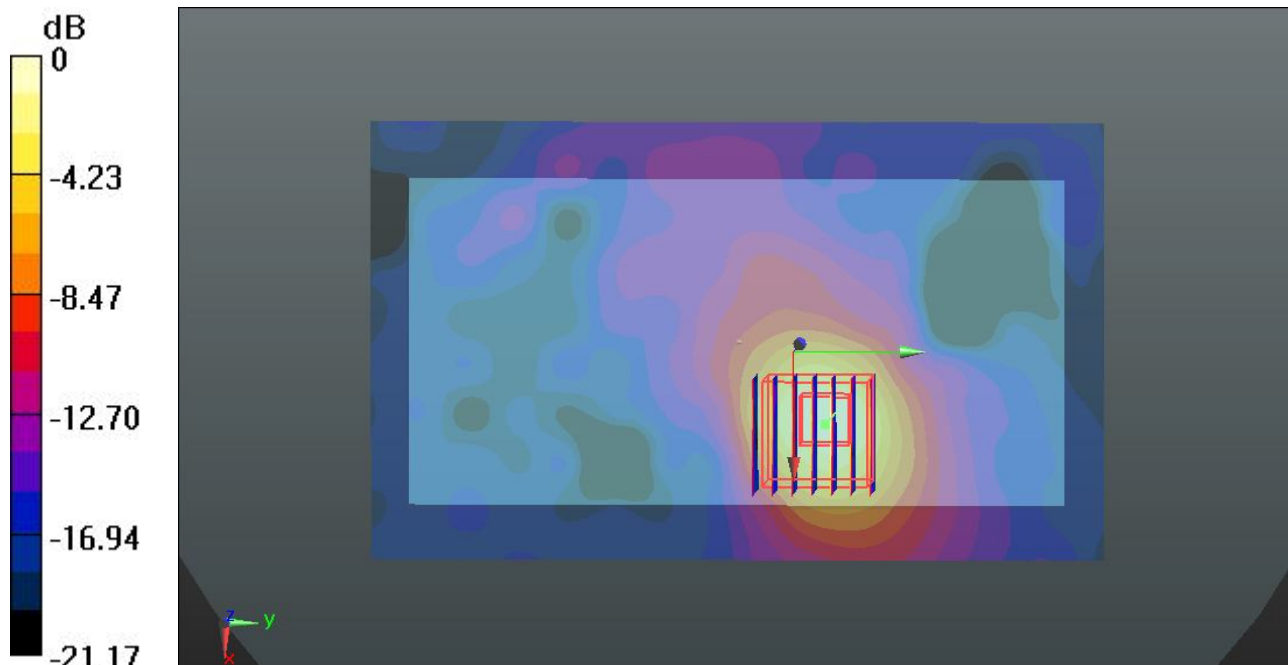
Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.962 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.455 mW/g

SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.125 mW/g

Maximum value of SAR (measured) = 0.873 W/kg



0 dB = 0.873 W/kg

#59 WLAN 5.8GHz_802.11a 6Mbps_Left Side_1cm_Ch161_Battery #1

DUT: 340403

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: MSL_5G_130827 Medium parameters used: $f = 5805 \text{ MHz}$; $\sigma = 6.121 \text{ mho/m}$; $\epsilon_r =$

47.135 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $22.8 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.09, 4.09, 4.09); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch161/Area Scan (61x151x1): Interpolated grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.02 W/kg

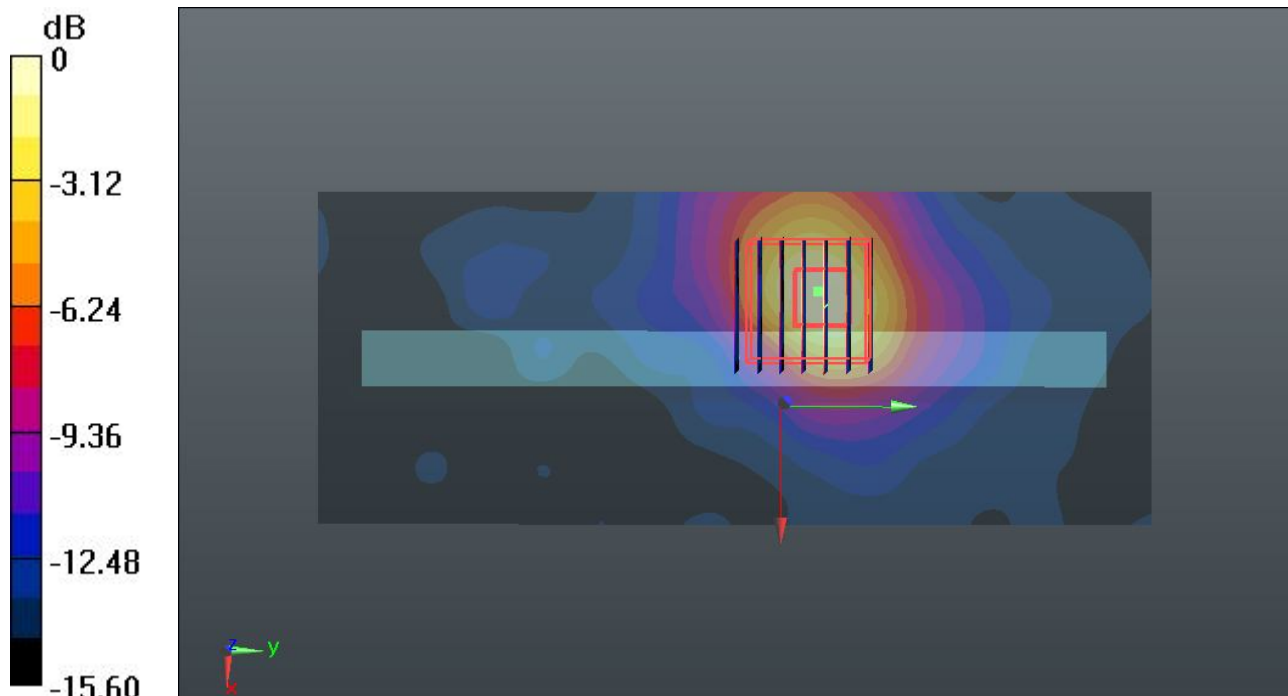
Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 14.732 V/m ; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.515 mW/g

SAR(1 g) = 0.365 mW/g ; SAR(10 g) = 0.144 mW/g

Maximum value of SAR (measured) = 0.959 W/kg



0 dB = 0.959 W/kg

#58 WLAN 5.8GHz_802.11a 6Mbps_Back_1cm_Ch161_Battery #2

DUT: 340403

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: MSL_5G_130827 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.121$ mho/m; $\epsilon_r =$

47.135; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.09, 4.09, 4.09); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch161/Area Scan (91x151x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.783 W/kg

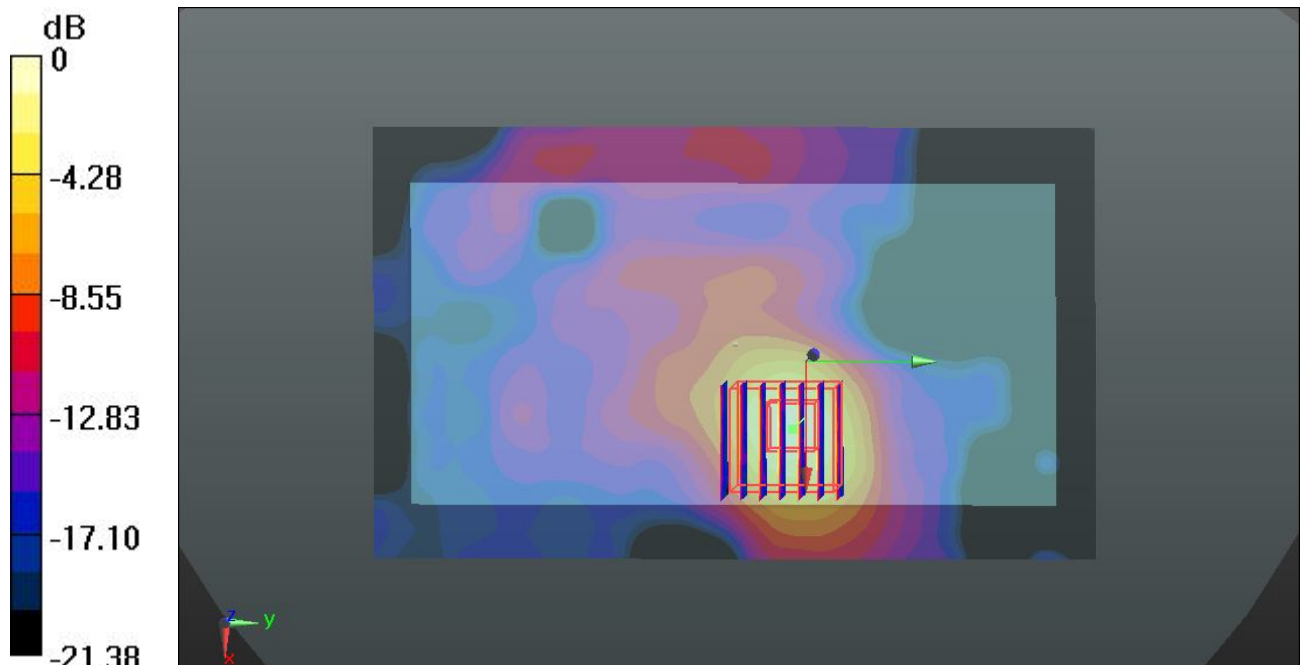
Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.861 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.282 mW/g

SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.752 W/kg



0 dB = 0.752 W/kg