

#12 GSM850_GSM Voice_Right Cheek_Ch128**DUT: 381902**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_130820 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 41.309$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

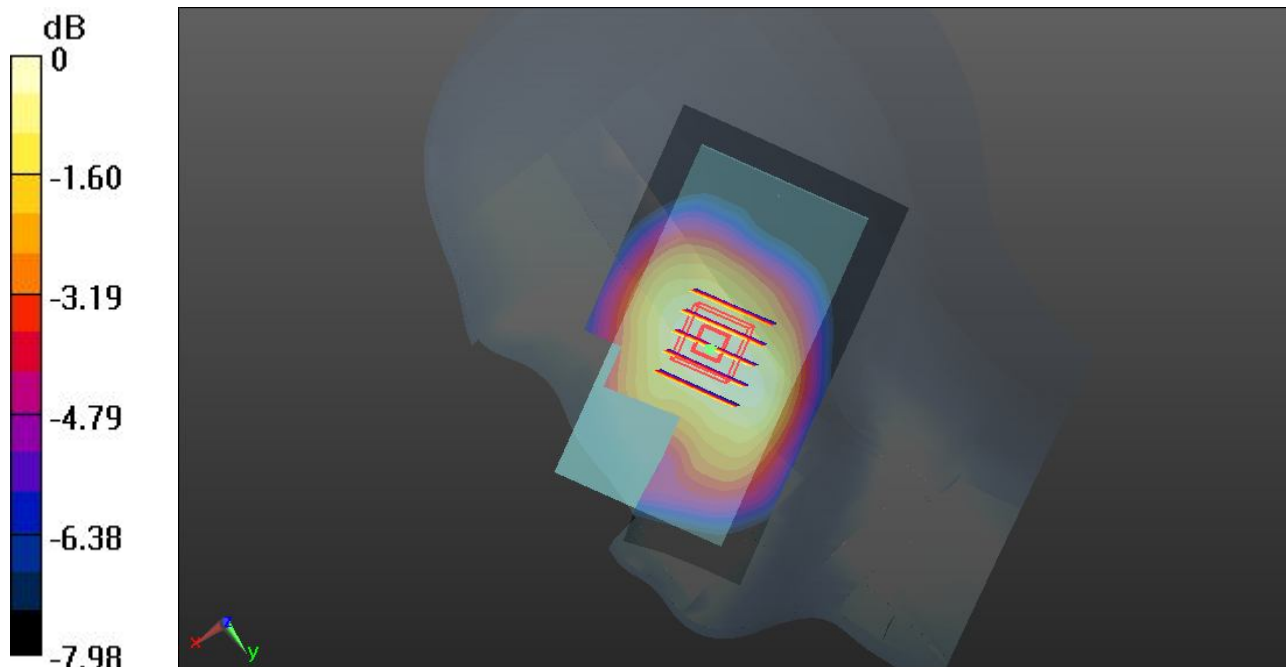
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.890 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.154 mW/g

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.142 W/kg



0 dB = 0.142 W/kg

#13 GSM850_GSM Voice_Right Tilted_Ch128**DUT: 381902**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_130820 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 41.309$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

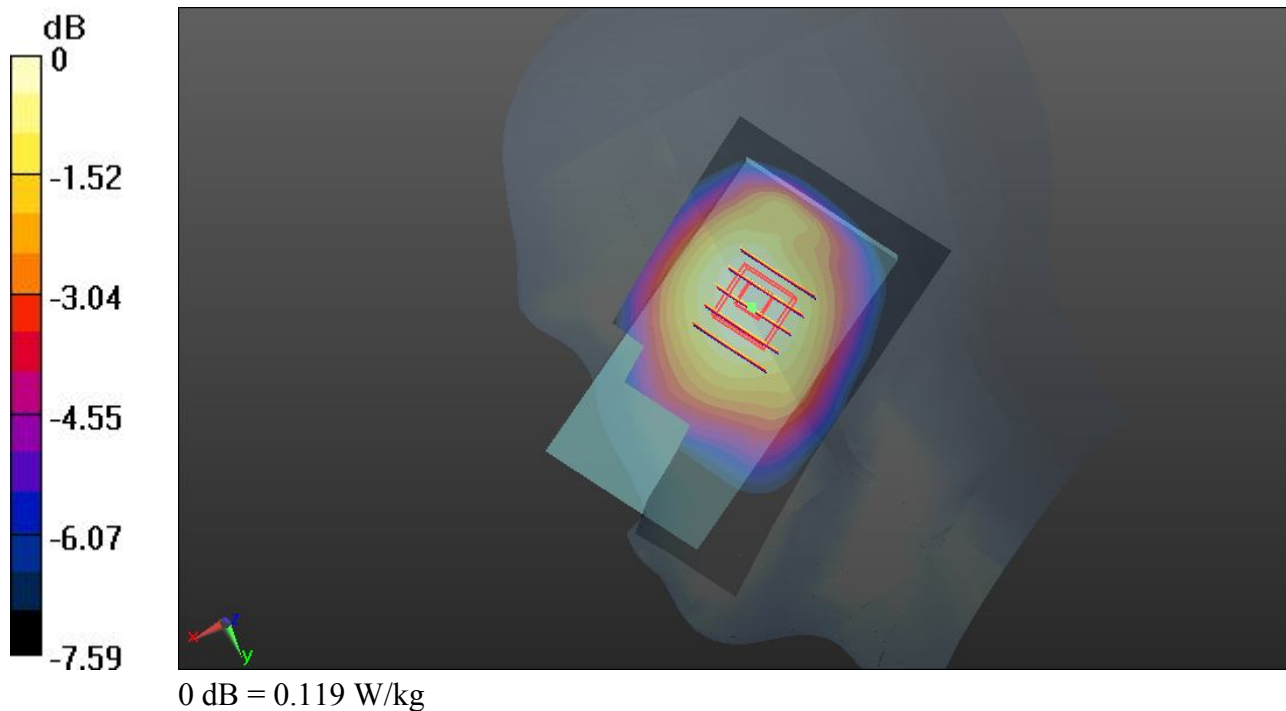
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.751 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.131 mW/g

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.082 mW/g

Maximum value of SAR (measured) = 0.119 W/kg



#14 GSM850_GSM Voice_Left Cheek_Ch128**DUT: 381902**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_130820 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 41.309$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.162 W/kg

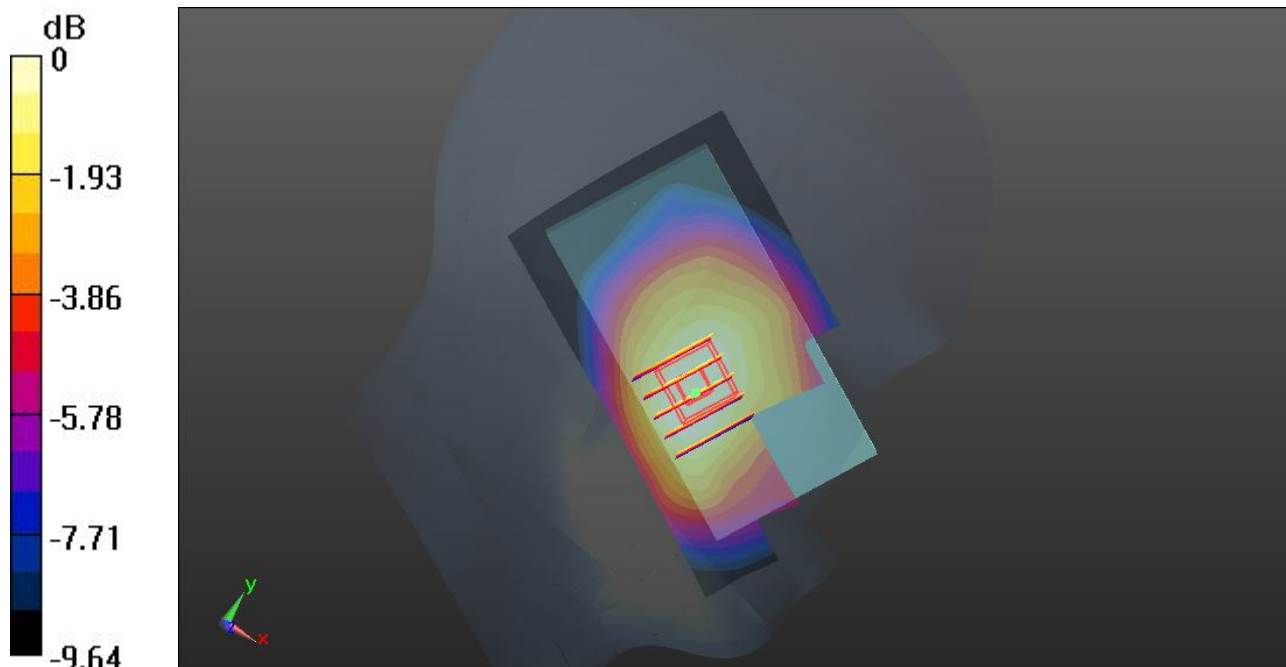
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.712 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.174 mW/g

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.160 W/kg



0 dB = 0.160 W/kg

#15 GSM850_GSM Voice_Left Tilted_Ch128**DUT: 381902**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_130820 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 41.309$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.119 W/kg

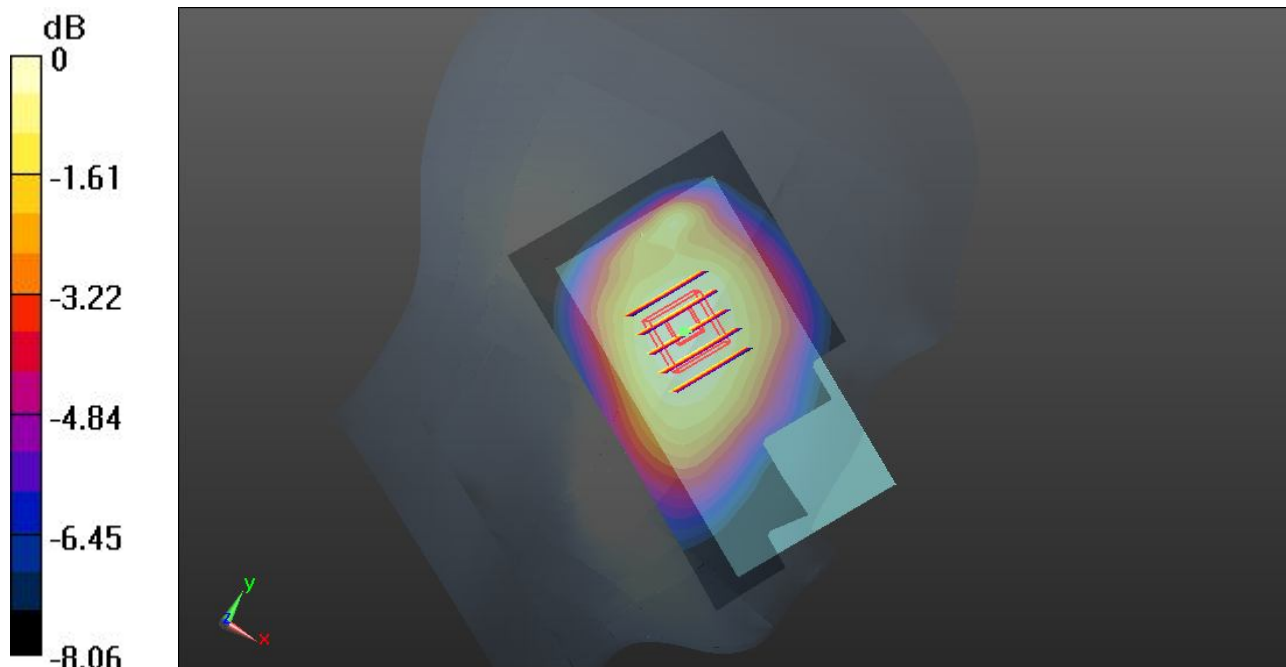
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.757 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.130 mW/g

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.118 W/kg



0 dB = 0.118 W/kg

#01 GSM1900_GSM Voice_Right Cheek_Ch512**DUT: 381902**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_130819 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.363$ mho/m; $\epsilon_r =$

41.24; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- 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) = 0.206 W/kg

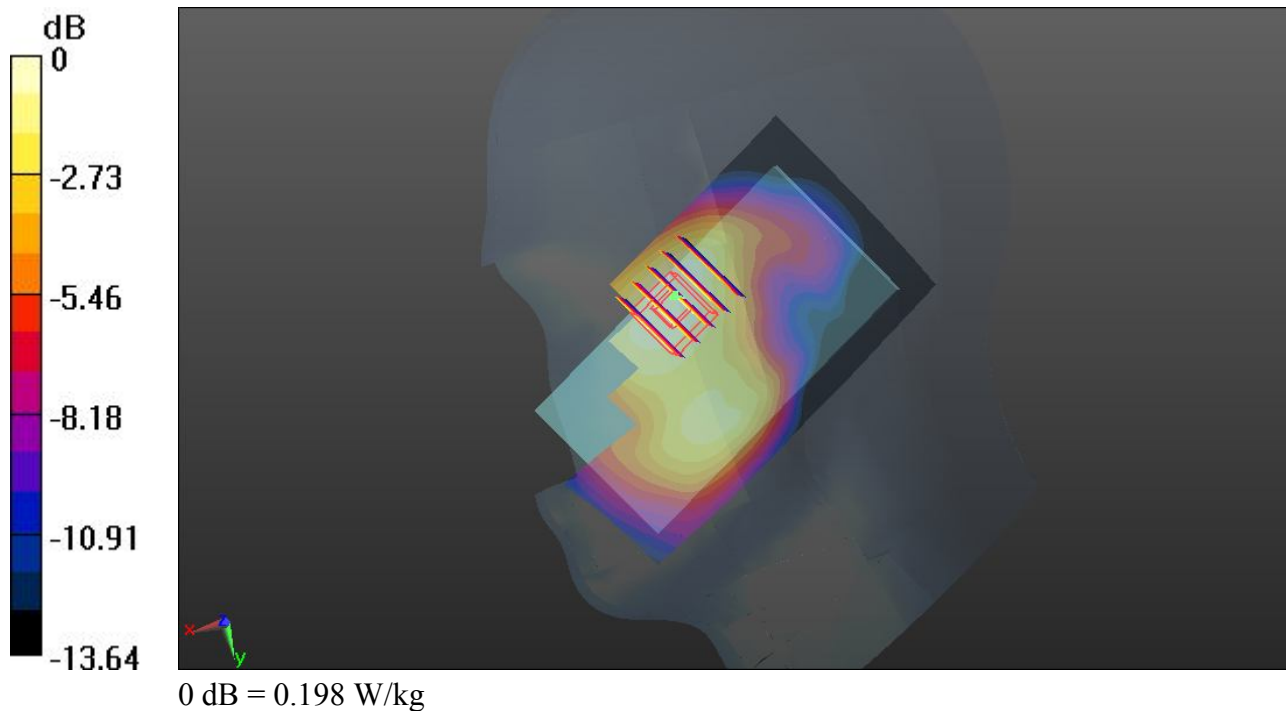
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.342 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.239 mW/g

SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.103 mW/g

Maximum value of SAR (measured) = 0.198 W/kg



#02 GSM1900_GSM Voice_Right Tilted_Ch512**DUT: 381902**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_130819 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.363$ mho/m; $\epsilon_r =$

41.24; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- 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) = 0.133 W/kg

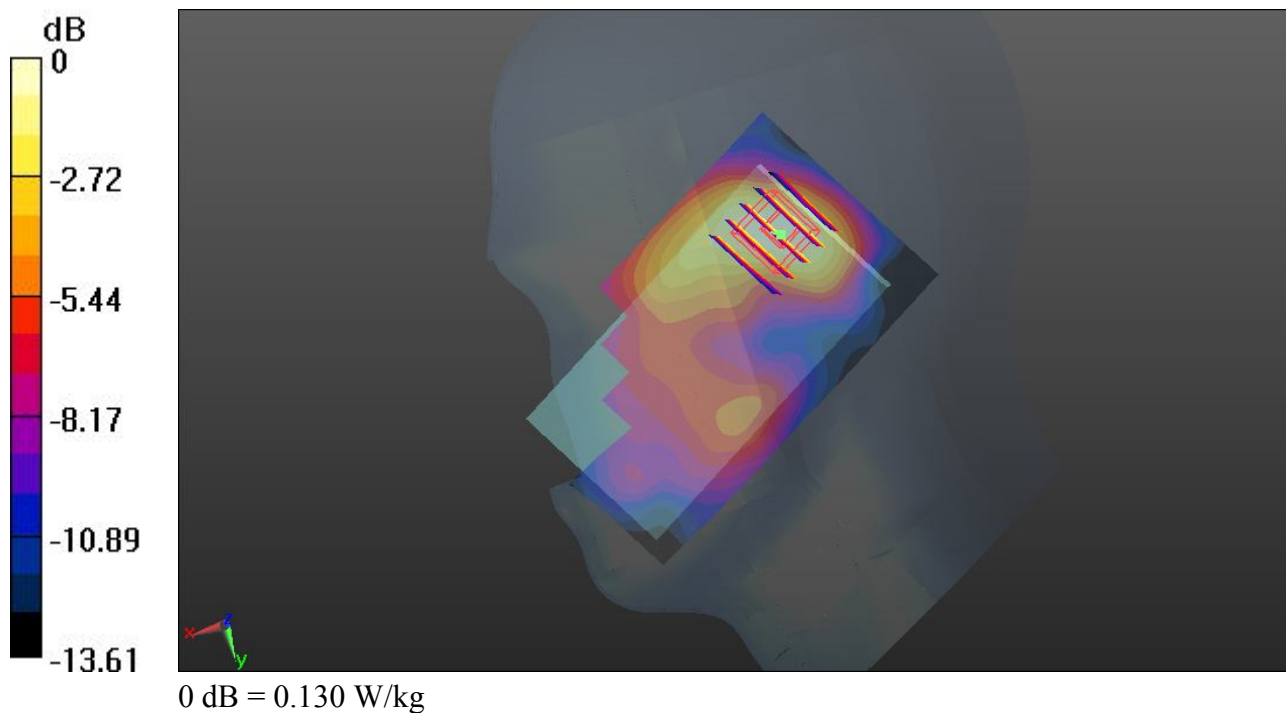
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.898 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.164 mW/g

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.062 mW/g

Maximum value of SAR (measured) = 0.130 W/kg



#03 GSM1900_GSM Voice_Left Cheek_Ch512**DUT: 381902**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_130819 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.363$ mho/m; $\epsilon_r =$

41.24; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- 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) = 0.399 W/kg

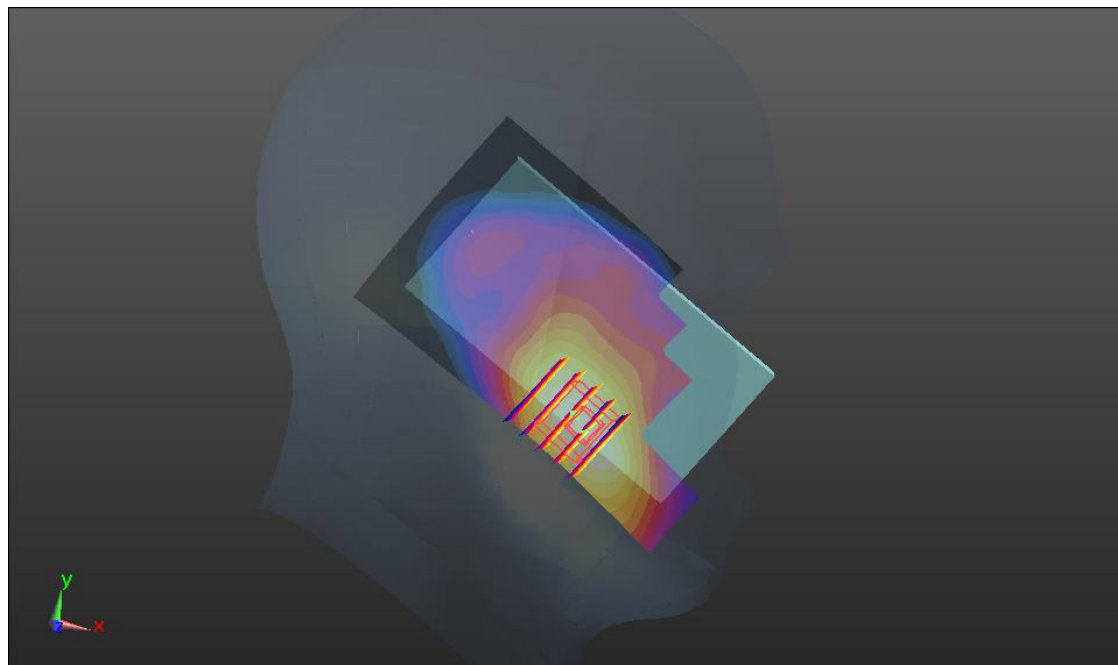
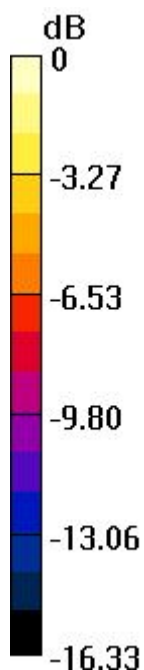
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.195 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.460 mW/g

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.181 mW/g

Maximum value of SAR (measured) = 0.386 W/kg



0 dB = 0.386 W/kg

#04 GSM1900_GSM Voice_Left Tilted_Ch512**DUT: 381902**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_130819 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.363$ mho/m; $\epsilon_r =$

41.24; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- 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) = 0.143 W/kg

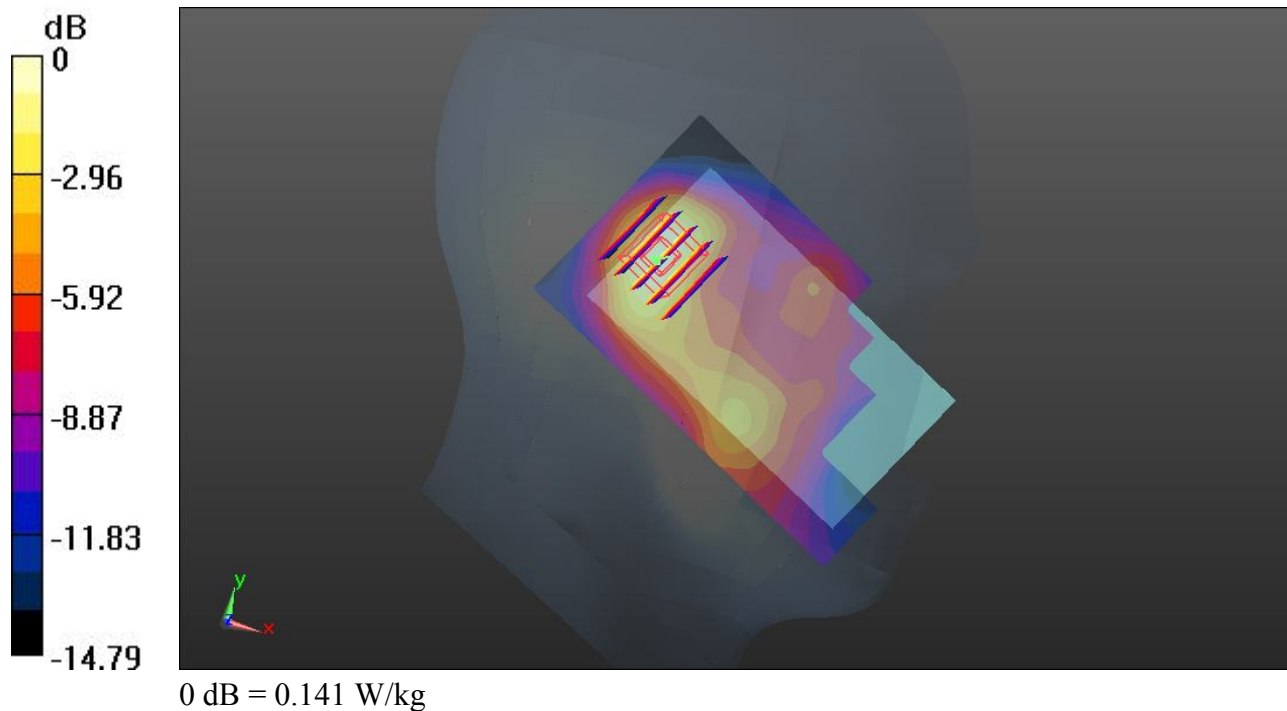
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.386 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.169 mW/g

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.061 mW/g

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



#23 WLAN 2.4GHz_802.11b_Right Cheek_Ch1**DUT: 381902**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130826 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.834$ mho/m; $\epsilon_r =$ 40.615; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.536 W/kg

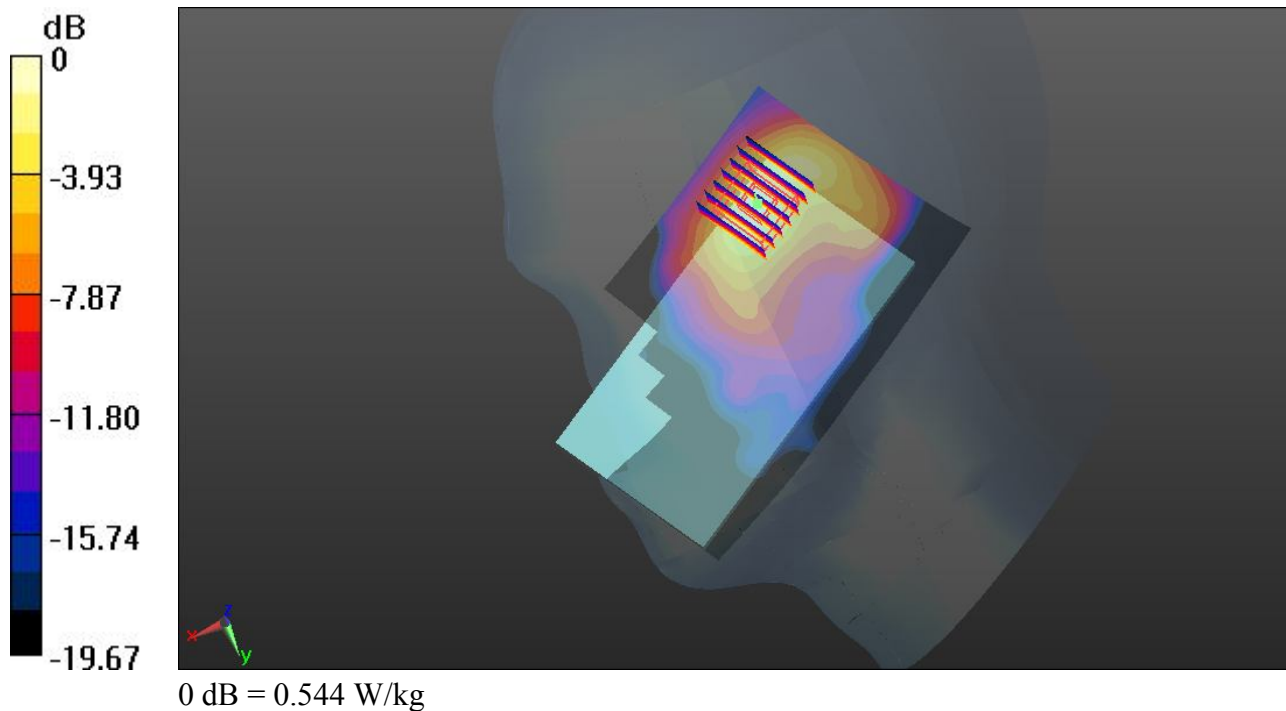
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.871 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.767 mW/g

SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.163 mW/g

Maximum value of SAR (measured) = 0.544 W/kg



#24 WLAN 2.4GHz_802.11b_Right Tilted_Ch1**DUT: 381902**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130826 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.834$ mho/m; $\epsilon_r =$ 40.615; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.419 W/kg

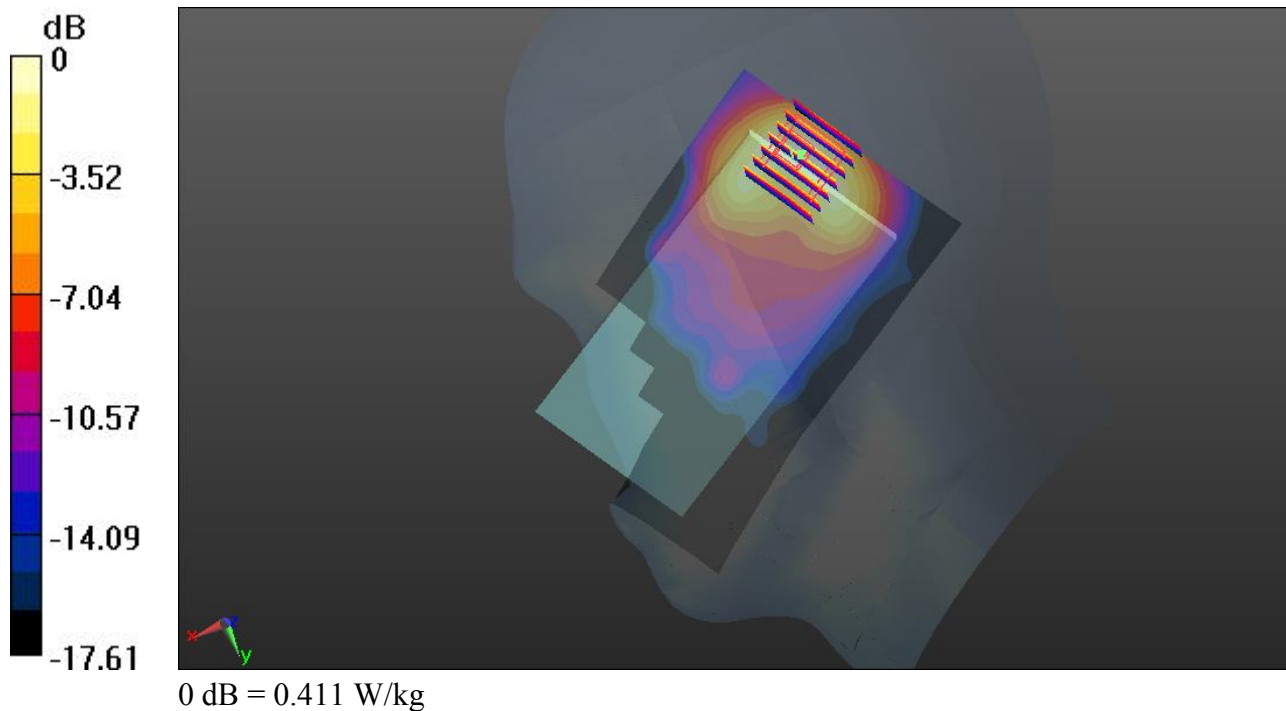
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.086 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.577 mW/g

SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.411 W/kg



#25 WLAN 2.4GHz_802.11b_Left Cheek_Ch1**DUT: 381902**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130826 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.834$ mho/m; $\epsilon_r =$

40.615; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.242 W/kg

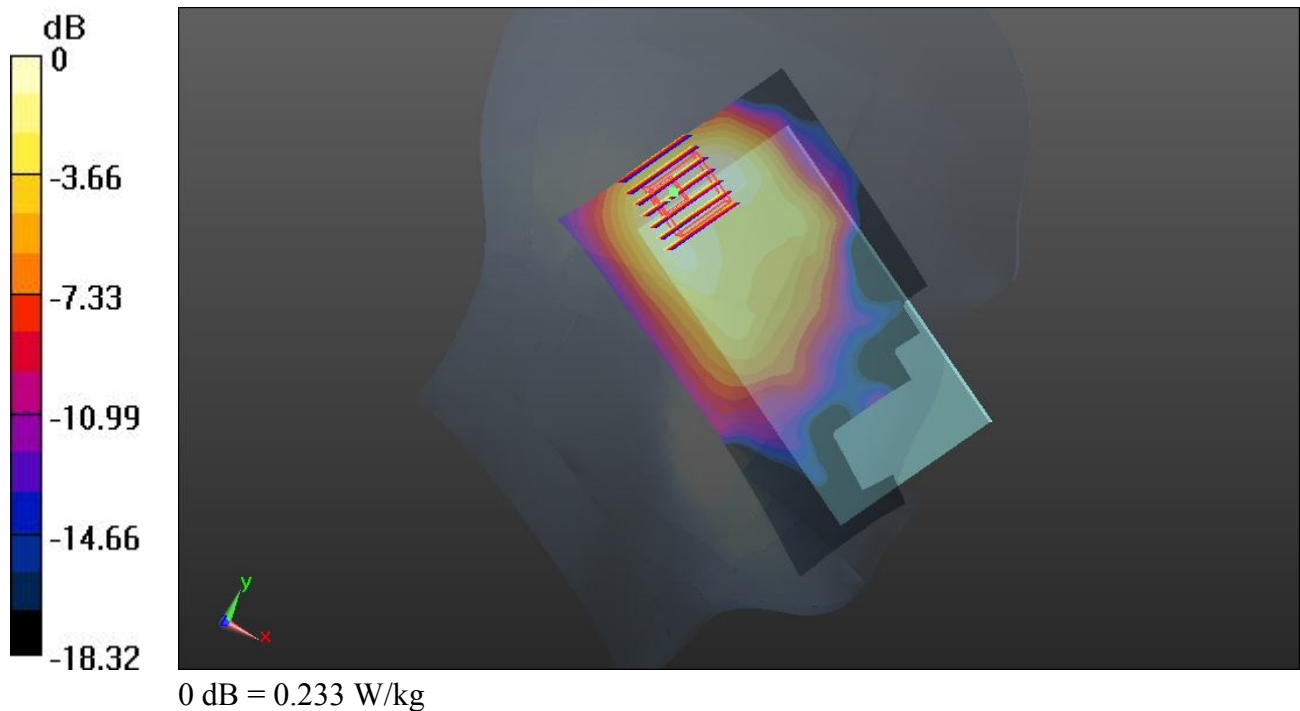
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.012 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.306 mW/g

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.089 mW/g

Maximum value of SAR (measured) = 0.233 W/kg



#26 WLAN 2.4GHz_802.11b_Left Tilted_Ch1**DUT: 381902**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130826 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.834$ mho/m; $\epsilon_r =$

40.615; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.358 W/kg

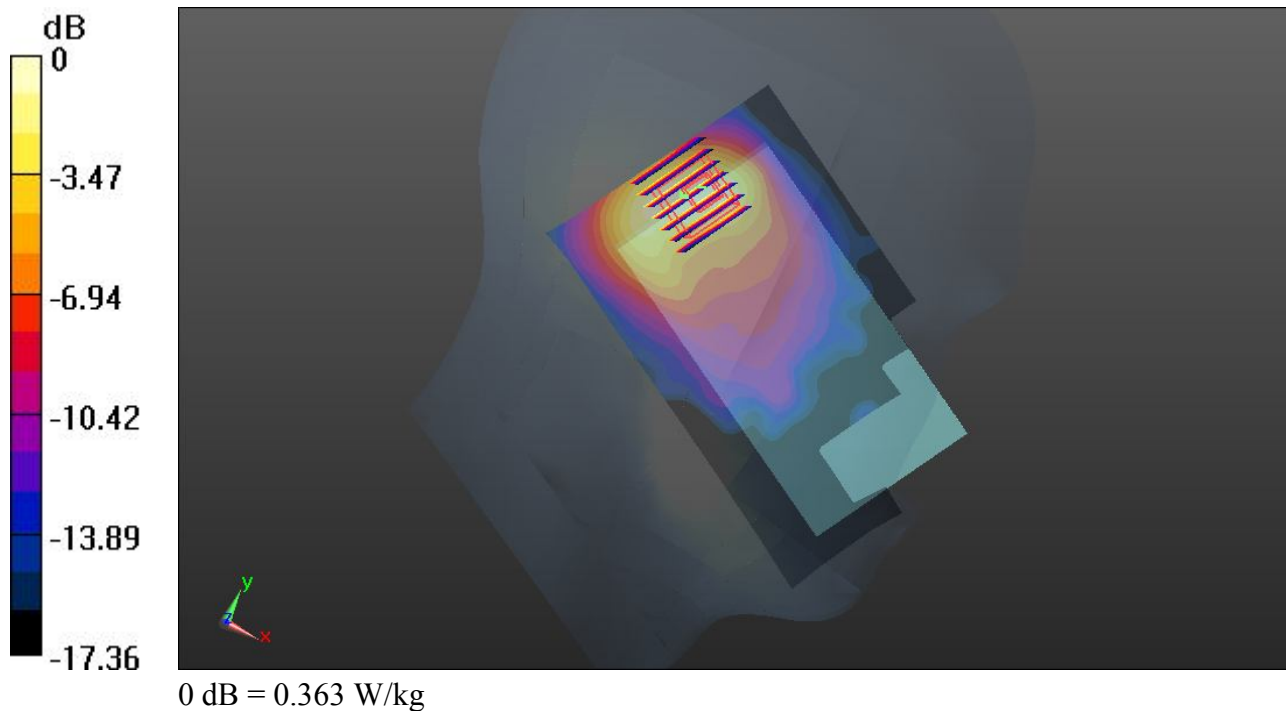
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.185 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.532 mW/g

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.363 W/kg



#16 GSM850_GPRS(2 Tx slots)_Front_1cm_Ch128

DUT: 381902

Communication System: GPRS/EDGE10; Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_835_130820 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r =$ 54.462; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.373 W/kg

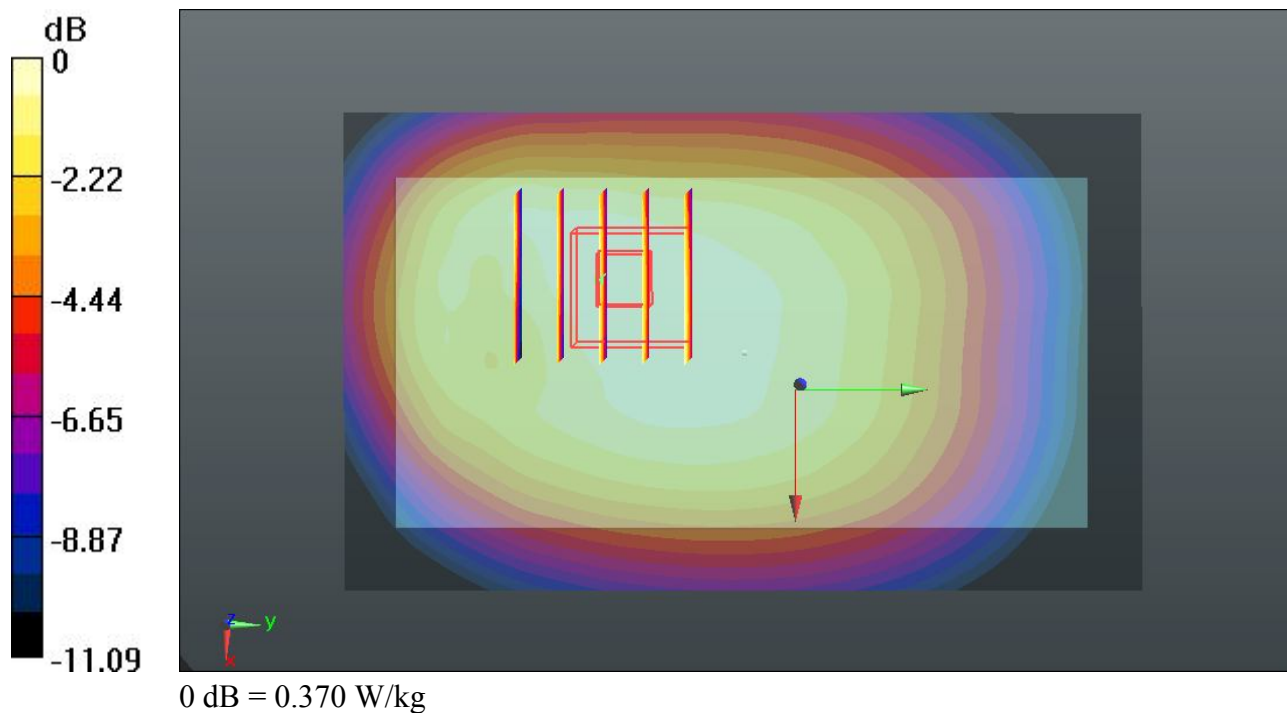
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.999 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.410 mW/g

SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.241 mW/g

Maximum value of SAR (measured) = 0.370 W/kg



#17 GSM850_GPRS(2 Tx slots)_Back_1cm_Ch128

DUT: 381902

Communication System: GPRS/EDGE10; Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_835_130820 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r =$ 54.462; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.644 W/kg

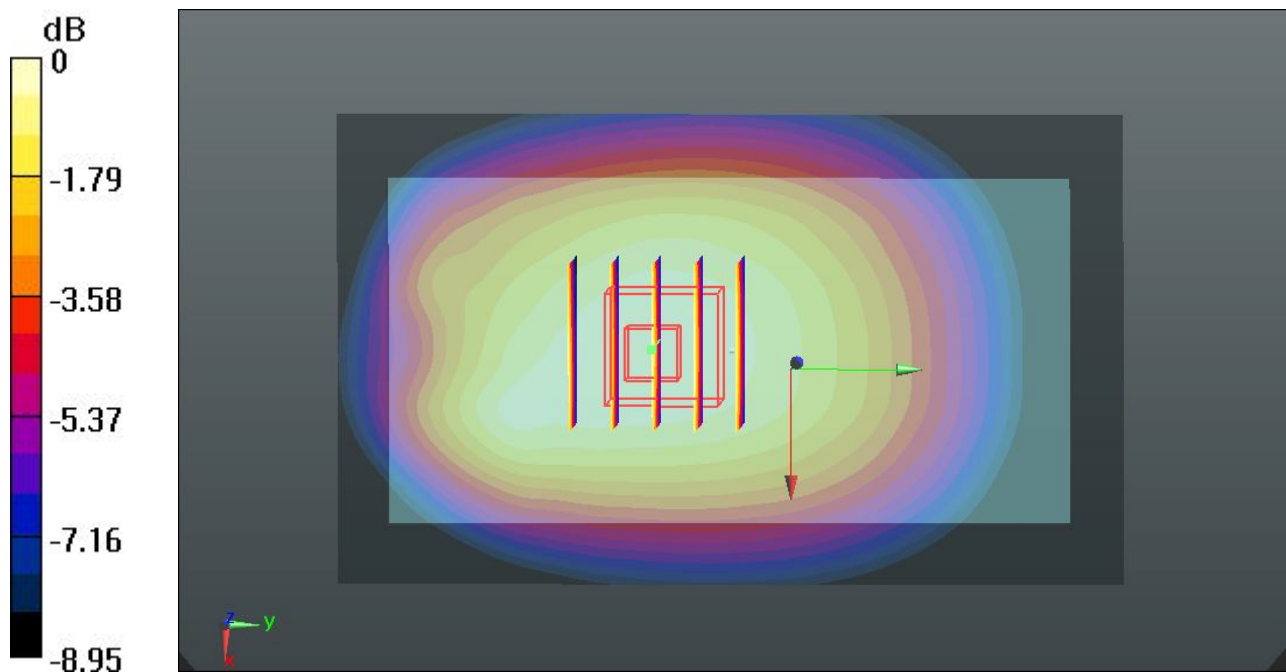
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.539 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.712 mW/g

SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.434 mW/g

Maximum value of SAR (measured) = 0.653 W/kg



0 dB = 0.653 W/kg

#18 GSM850_GPRS(2 Tx slots)_Left Side_1cm_Ch128

DUT: 381902

Communication System: GPRS/EDGE10; Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_835_130820 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r =$ 54.462; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.512 W/kg

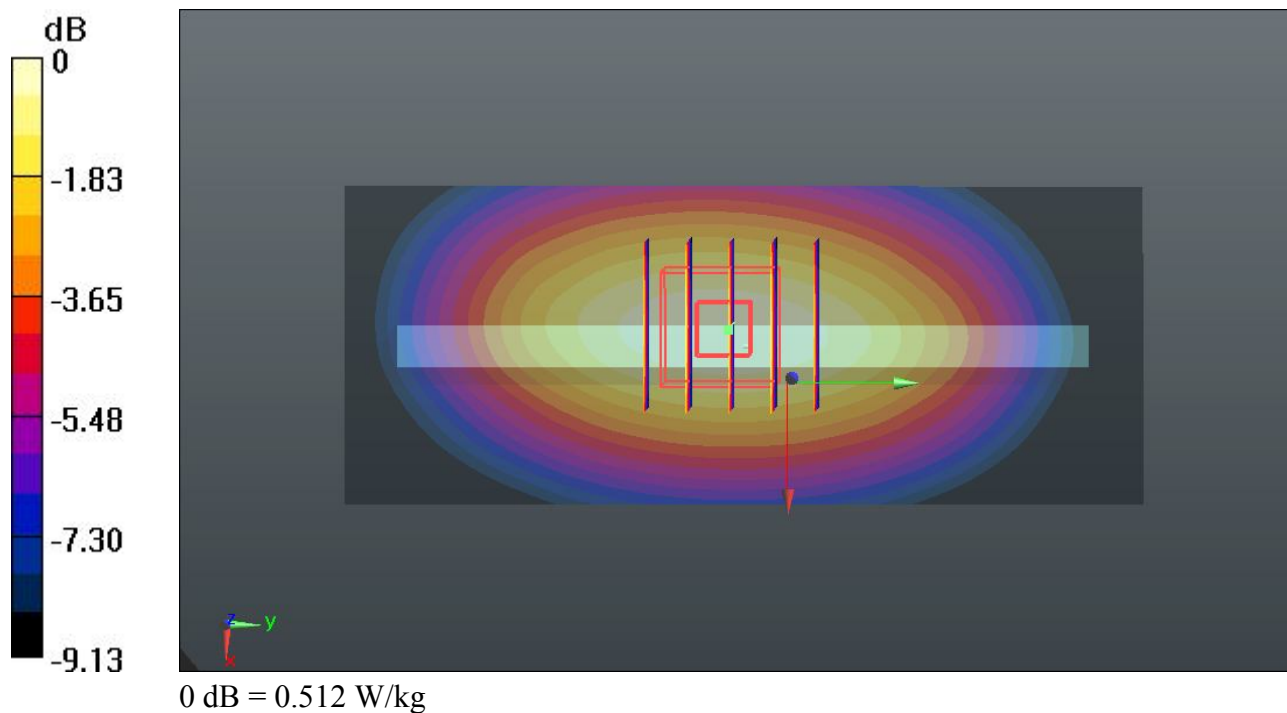
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.434 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.584 mW/g

SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.292 mW/g

Maximum value of SAR (measured) = 0.512 W/kg



#19 GSM850_GPRS(2 Tx slots)_Right Side_1cm_Ch128

DUT: 381902

Communication System: GPRS/EDGE10; Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_835_130820 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r =$ 54.462; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.354 W/kg

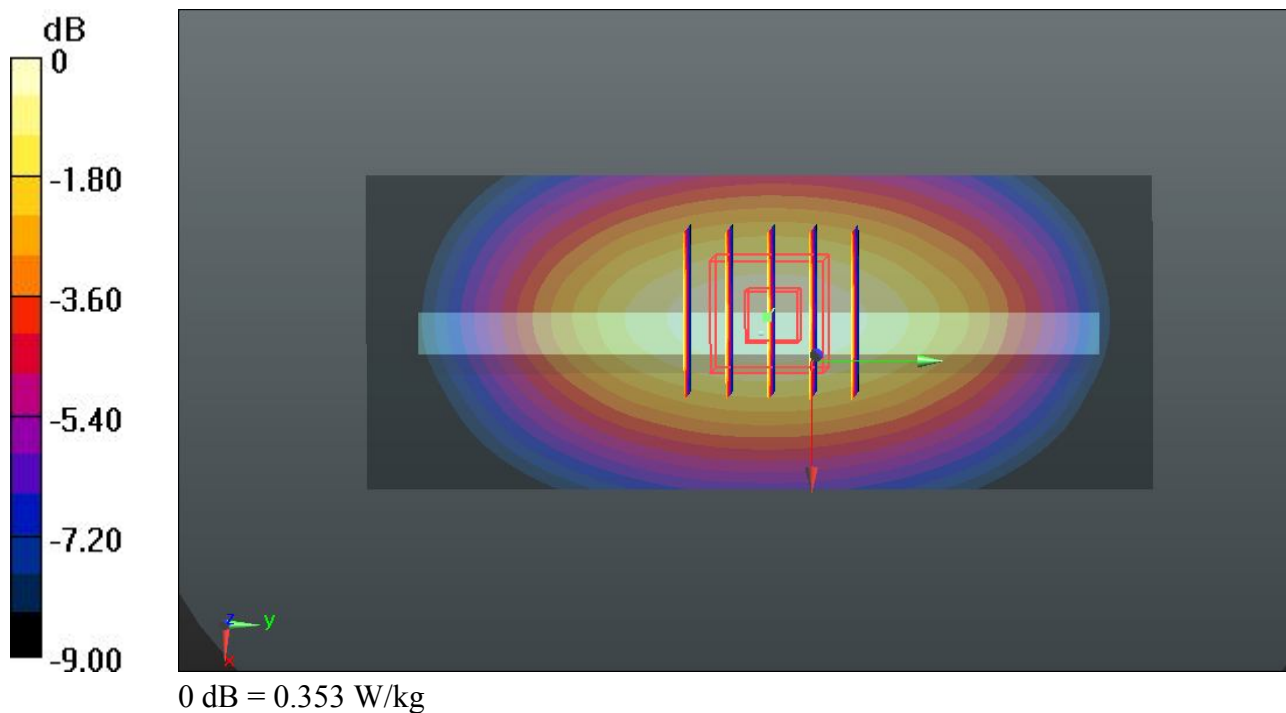
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.596 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.402 mW/g

SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.205 mW/g

Maximum value of SAR (measured) = 0.353 W/kg



#20 GSM850_GPRS(2 Tx slots)_Bottom Side_1cm_Ch128**DUT: 381902**

Communication System: GPRS/EDGE10; Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_835_130820 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r =$ 54.462; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0554 W/kg

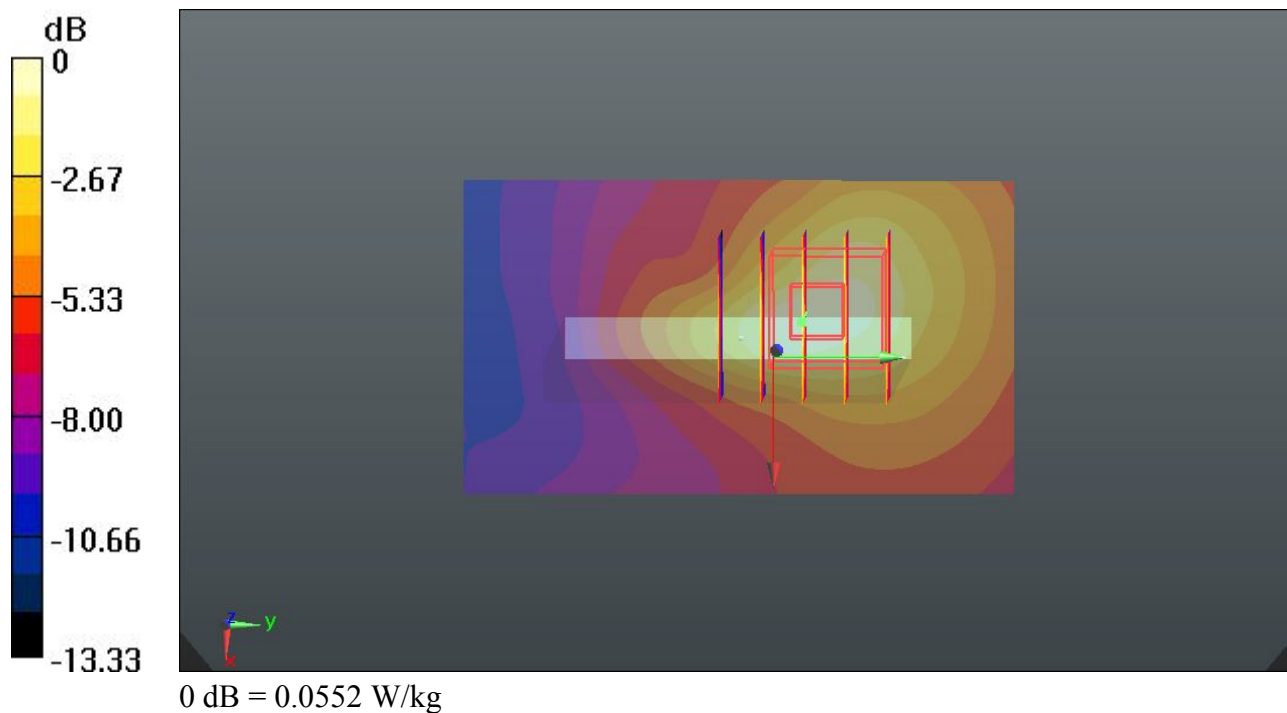
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.841 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.064 mW/g

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.0552 W/kg



#21 GSM850_GSM Voice_Front_1cm_Ch128**DUT: 381902**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: MSL_835_130820 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r =$

54.462; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.262 W/kg

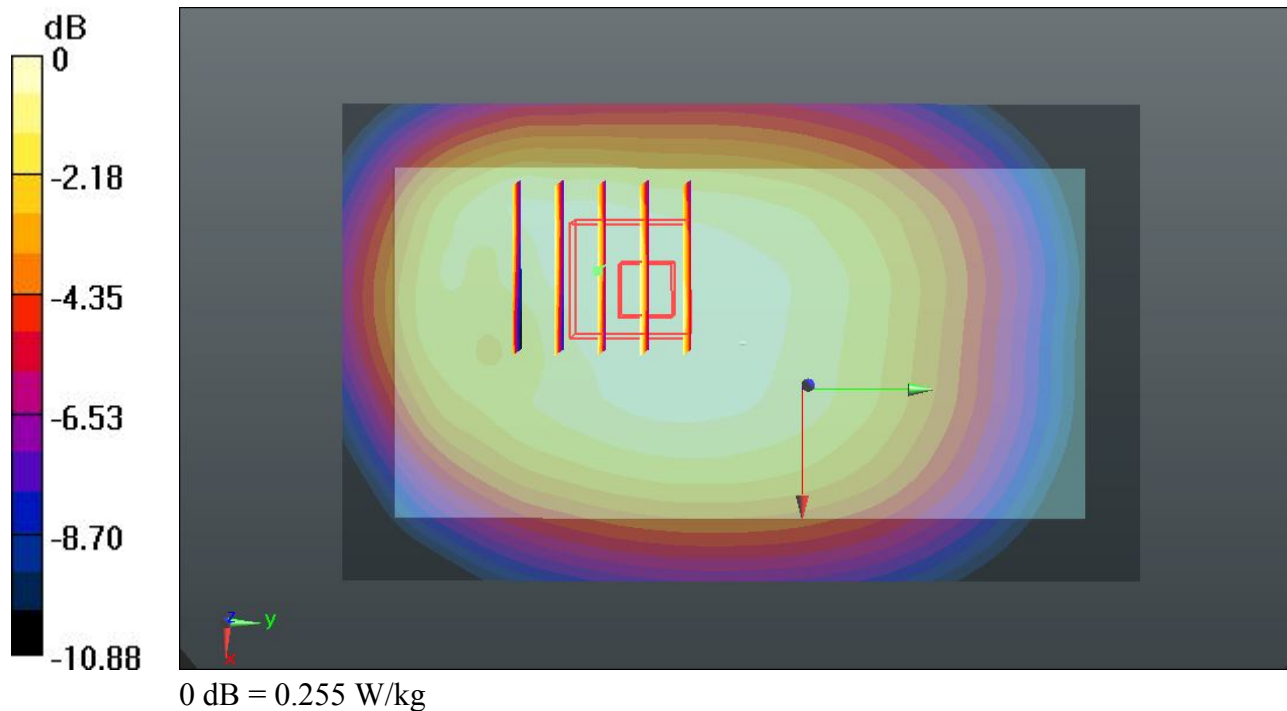
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.638 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.282 mW/g

SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.168 mW/g

Maximum value of SAR (measured) = 0.255 W/kg



#22 GSM850_GSM Voice_Back_1cm_Ch128

DUT: 381902

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: MSL_835_130820 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r =$ 54.462; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.461 W/kg

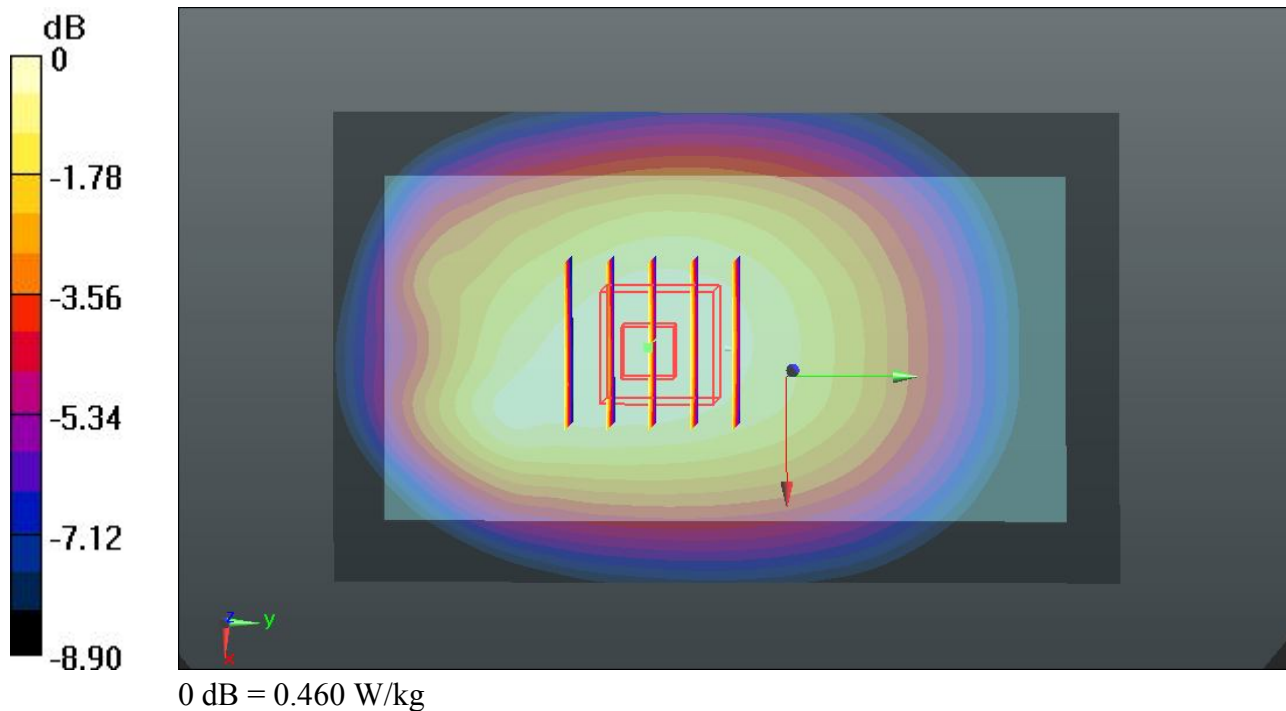
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.231 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.503 mW/g

SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.306 mW/g

Maximum value of SAR (measured) = 0.460 W/kg



#05 GSM1900_GPRS(2 Tx slots)_Front_1cm_Ch512

DUT: 381902

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_130819 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r =$ 54.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- 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) = 0.517 W/kg

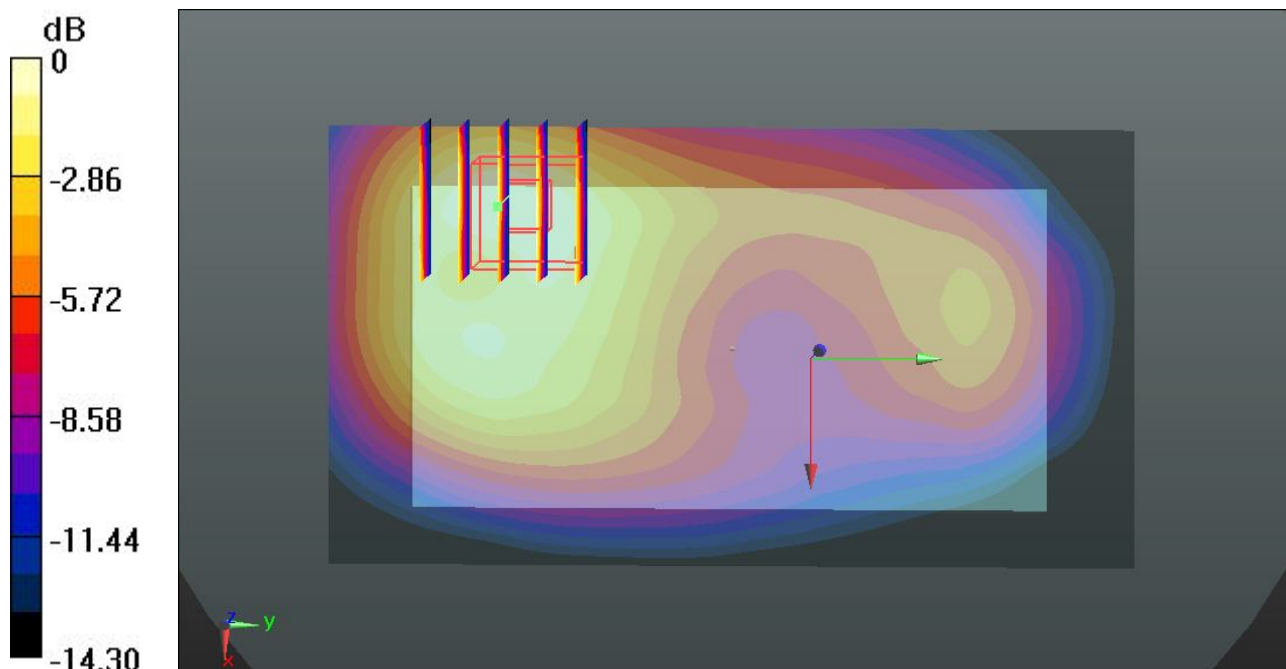
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.660 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.638 mW/g

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.233 mW/g

Maximum value of SAR (measured) = 0.512 W/kg



#06 GSM1900_GPRS(2 Tx slots)_Back_1cm_Ch512

DUT: 381902

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_130819 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r =$ 54.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- 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) = 0.623 W/kg

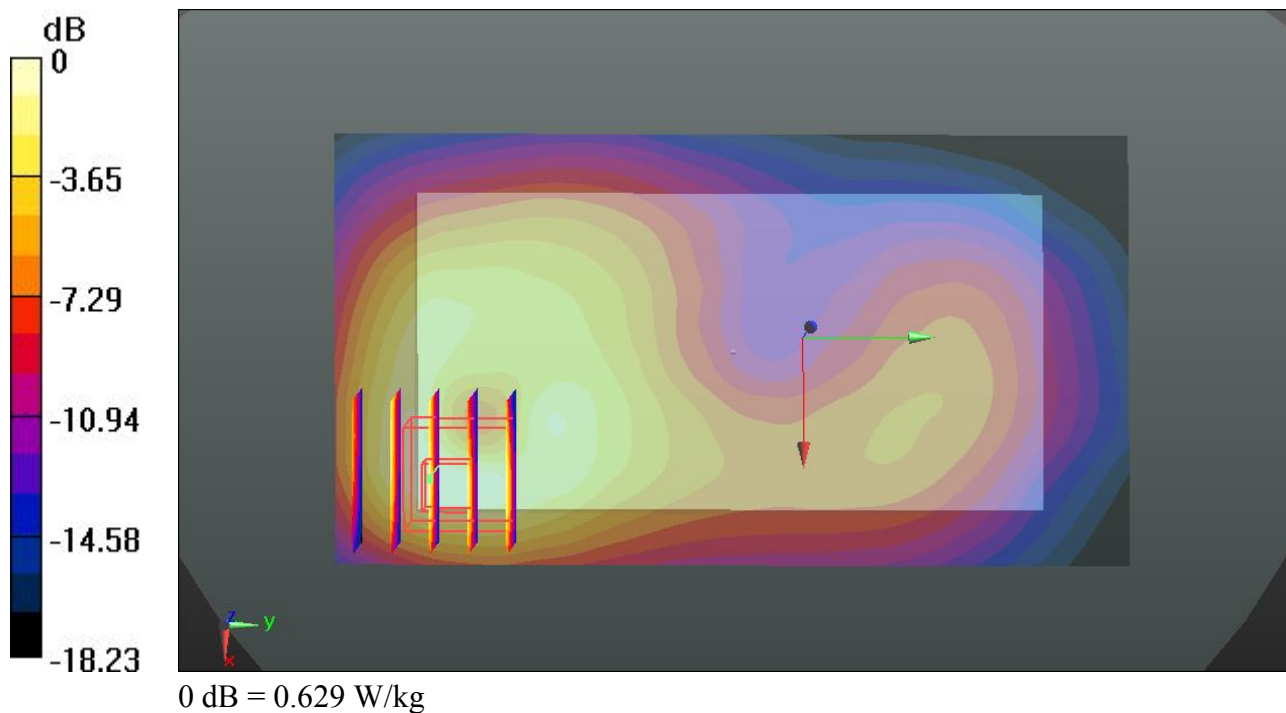
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.840 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.810 mW/g

SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.221 mW/g

Maximum value of SAR (measured) = 0.629 W/kg



#07 GSM1900_GPRS(2 Tx slots)_Left Side_1cm_Ch512**DUT: 381902**

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_130819 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r =$

54.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.336 W/kg

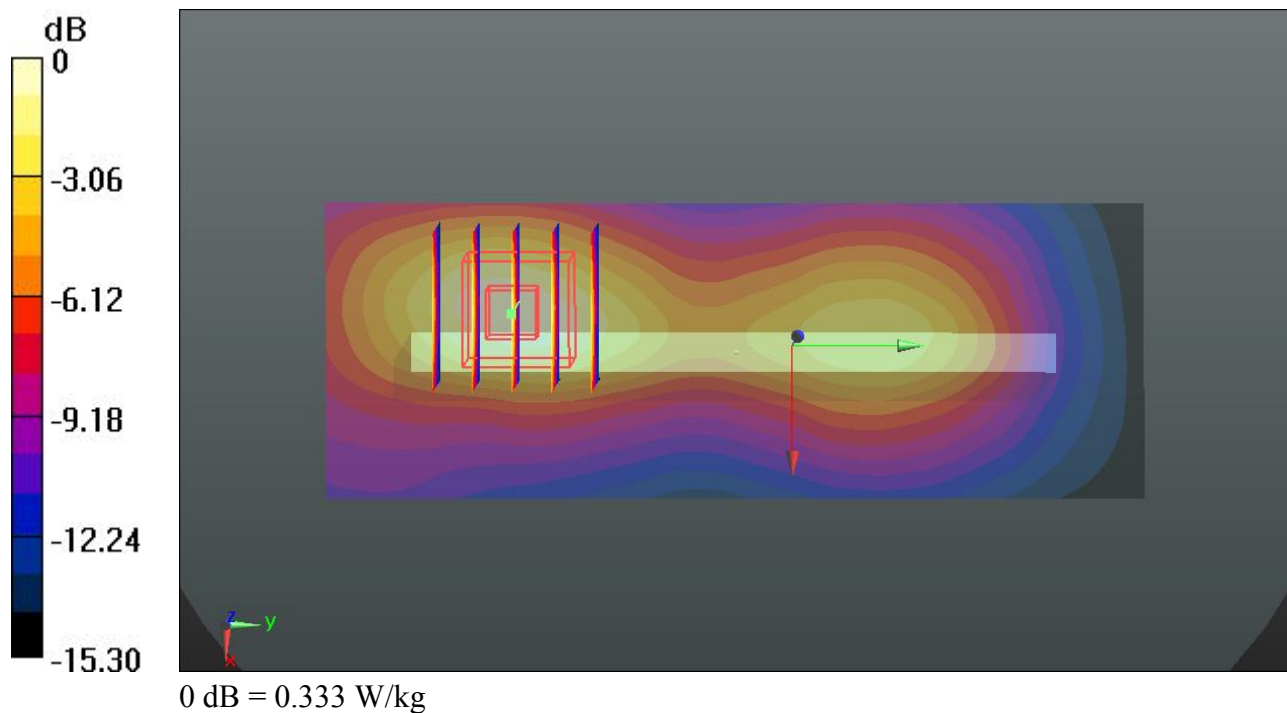
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.023 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.407 mW/g

SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.333 W/kg



#08 GSM1900_GPRS(2 Tx slots)_Right Side_1cm_Ch512

DUT: 381902

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_130819 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r =$ 54.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0473 W/kg

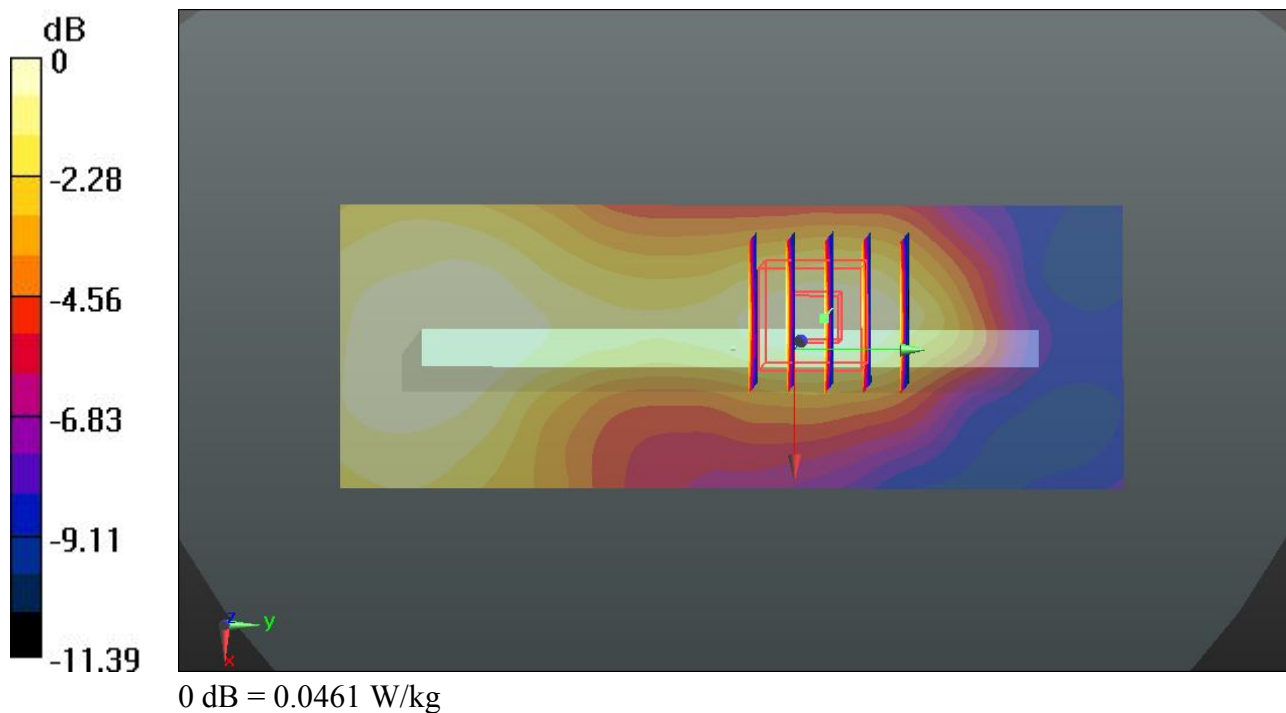
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.684 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.056 mW/g

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.0461 W/kg



#09 GSM1900_GPRS(2 Tx slots)_Bottom Side_1cm_Ch512

DUT: 381902

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_130819 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r =$ 54.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.365 W/kg

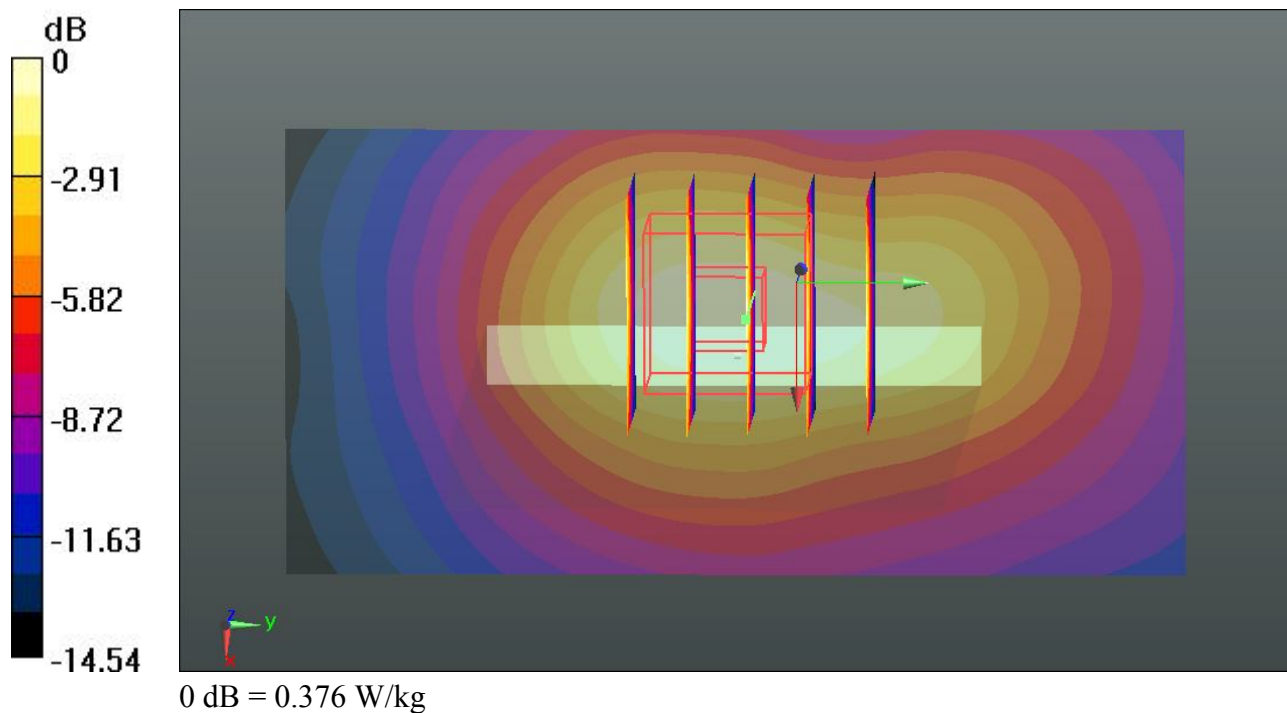
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.043 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.449 mW/g

SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.174 mW/g

Maximum value of SAR (measured) = 0.376 W/kg



#10 GSM1900_GSM Voice_Front_1cm_Ch512**DUT: 381902**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_130819 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r =$

54.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- 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) = 0.395 W/kg

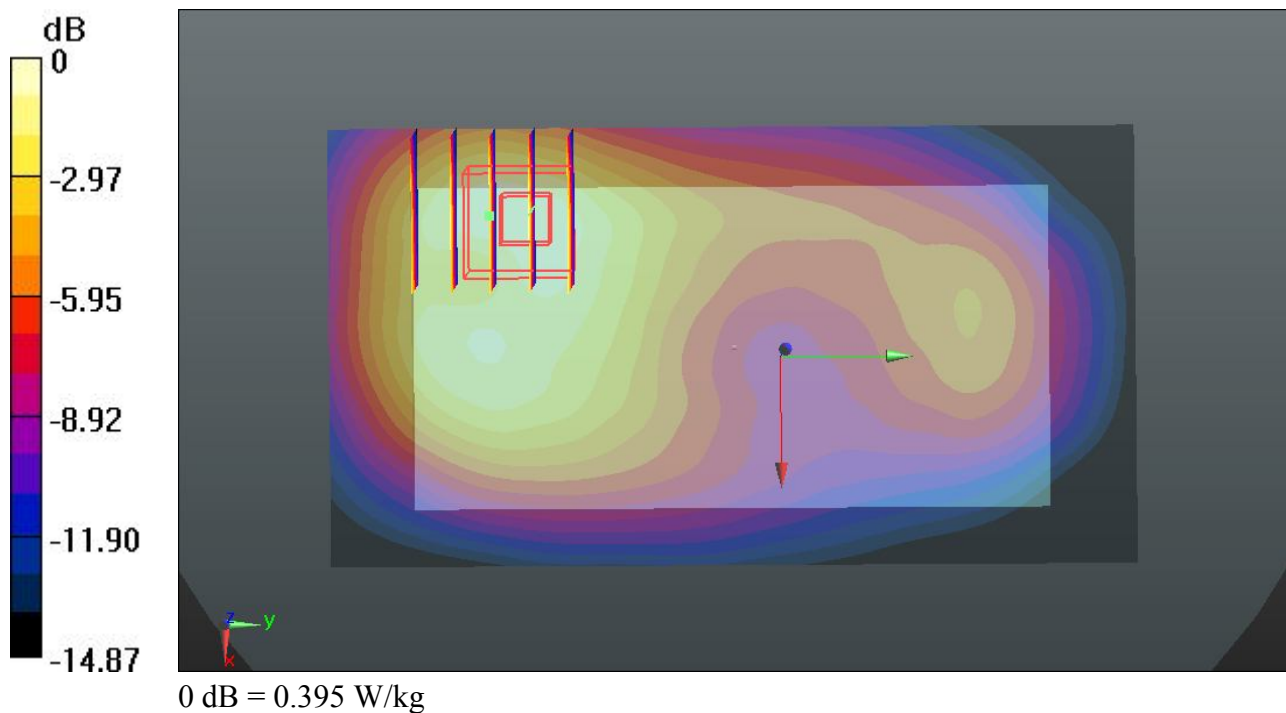
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.124 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.491 mW/g

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.174 mW/g

Maximum value of SAR (measured) = 0.395 W/kg



#11 GSM1900_GSM Voice_Back_1cm_Ch512**DUT: 381902**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_130819 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r =$

54.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- 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) = 0.445 W/kg

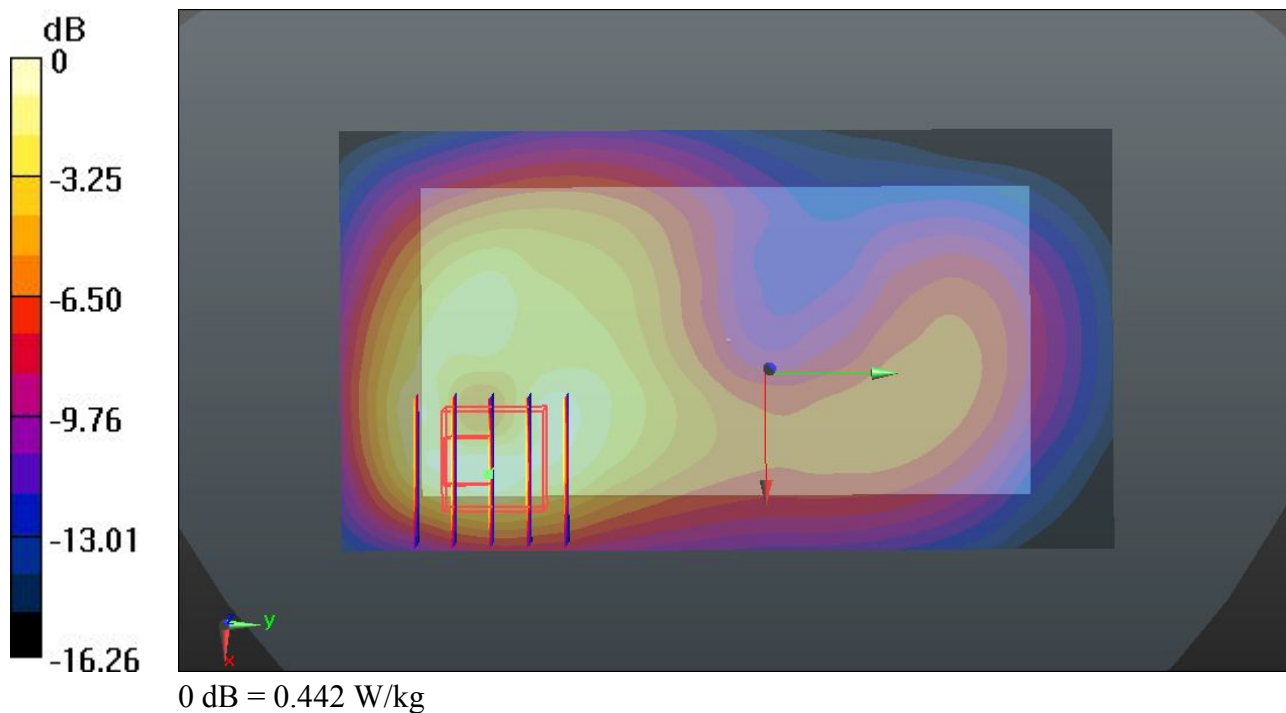
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.549 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.642 mW/g

SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.175 mW/g

Maximum value of SAR (measured) = 0.442 W/kg



#27 WLAN 2.4GHz_802.11b_Front_1cm_Ch1

DUT: 381902

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130905 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.899$ mho/m; $\epsilon_r =$ 51.803 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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)

Ch1/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

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

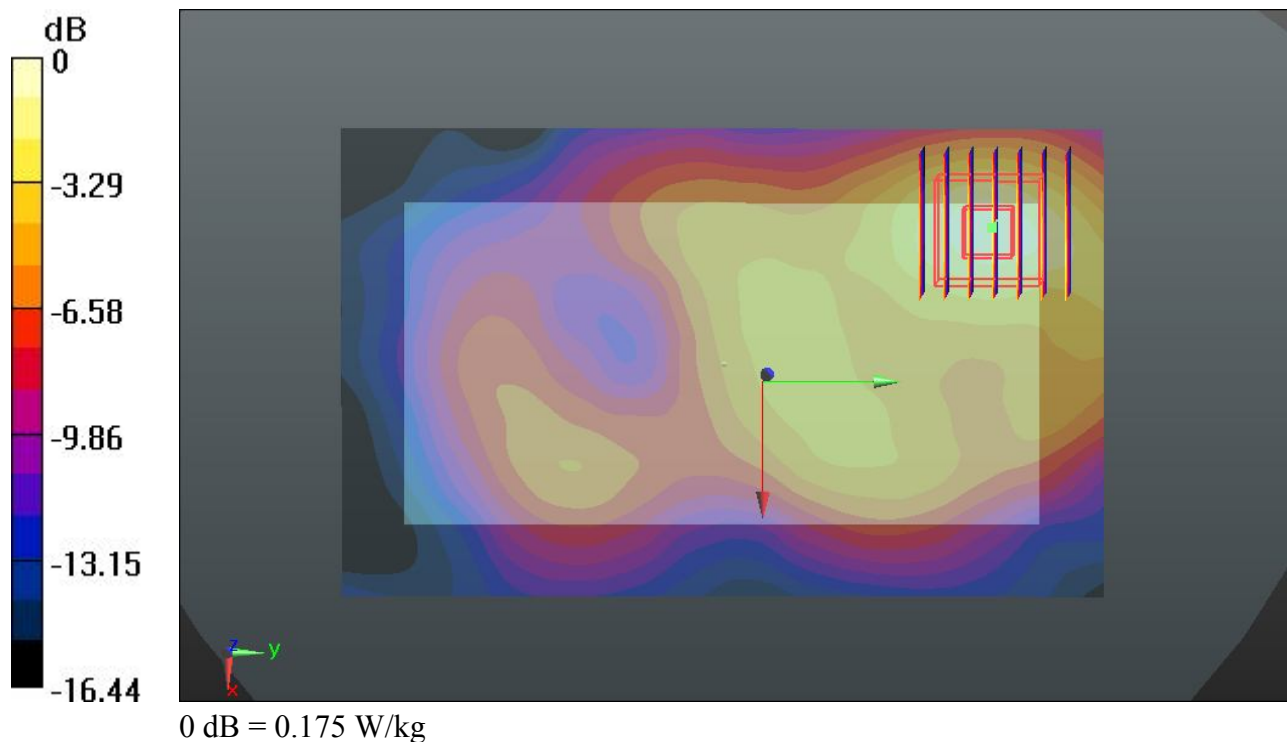
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.369 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.231 mW/g

SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.175 W/kg



#28 WLAN 2.4GHz_802.11b_Back_1cm_Ch1**DUT: 381902**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130905 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.899$ mho/m; $\epsilon_r =$

51.803; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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)

Ch1/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.311 W/kg

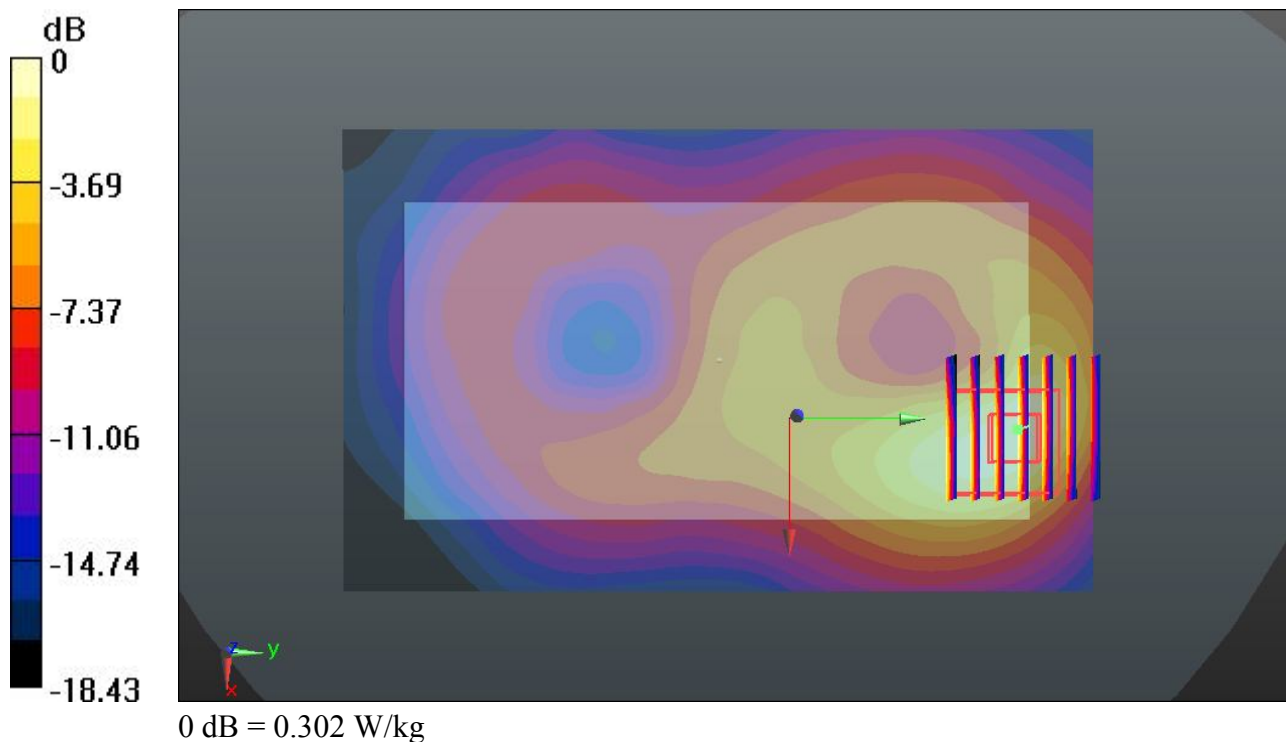
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.725 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.411 mW/g

SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.103 mW/g

Maximum value of SAR (measured) = 0.302 W/kg



#29 WLAN 2.4GHz_802.11b_Left Side_1cm_Ch1

DUT: 381902

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130905 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.899$ mho/m; $\epsilon_r =$ 51.803; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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)

Ch1/Area Scan (51x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.118 W/kg

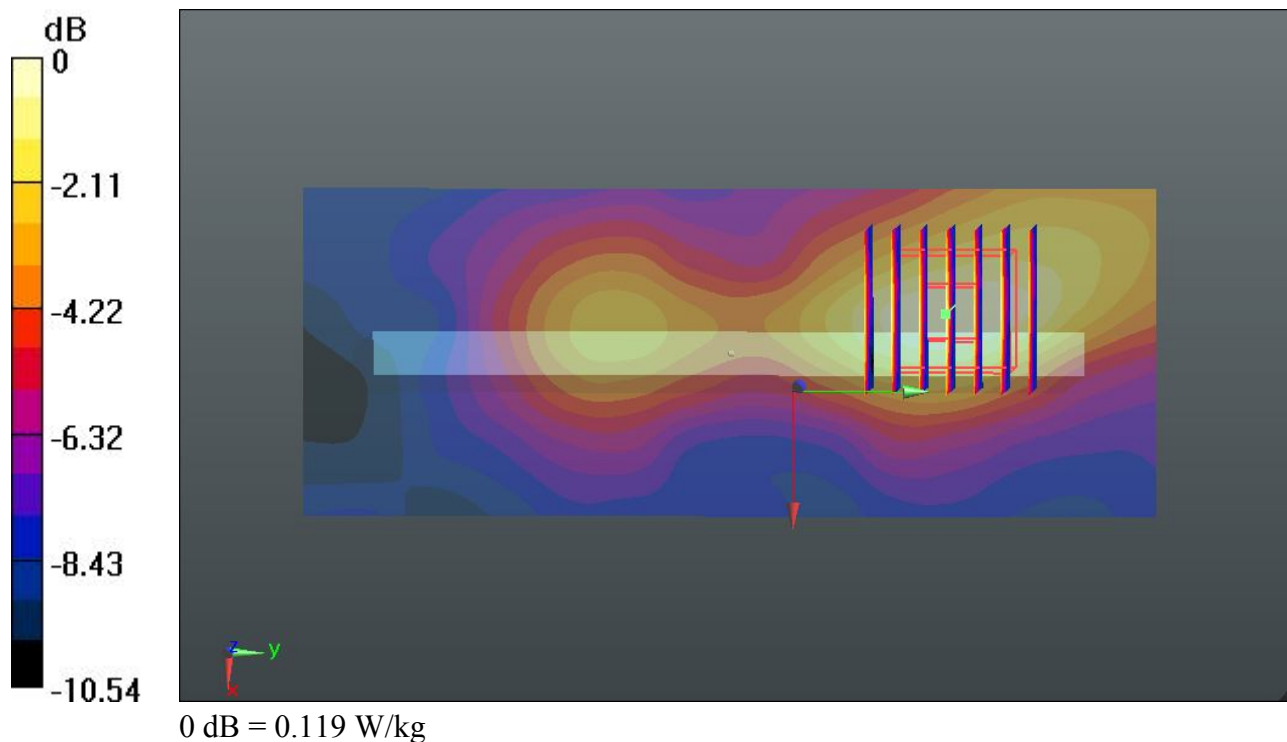
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.083 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.152 mW/g

SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.119 W/kg



#30 WLAN 2.4GHz_802.11b_Top Side_1cm_Ch1**DUT: 381902**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130905 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.899$ mho/m; $\epsilon_r =$ 51.803; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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)

Ch1/Area Scan (51x81x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.258 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.896 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.349 mW/g

SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.091 mW/g

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

