

#01_GSM850_GPRS (2 Tx slots)_Right Cheek_Ch189

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4.15

Medium: HSL_850_140127 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 41.479$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.63, 8.63, 8.63); Calibrated: 10/15/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 10/30/2013
- Phantom: SAM-L; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch189/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.781 W/kg

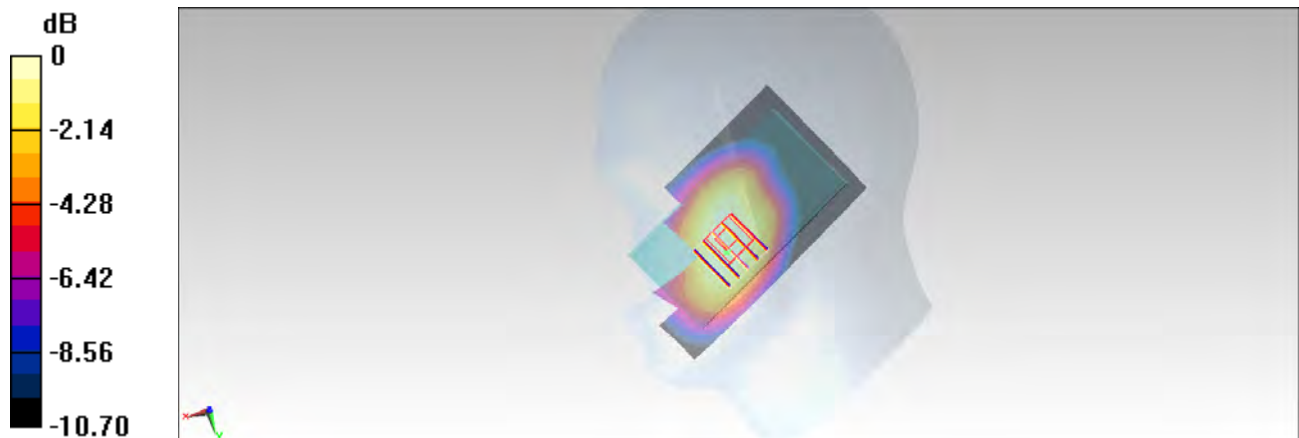
Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.471 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.861 W/kg

SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.491 W/kg

Maximum value of SAR (measured) = 0.758 W/kg



0 dB = 0.758 W/kg = -1.20 dBW/kg

#02_GSM1900_GPRS (2 Tx slots)_Right Cheek_Ch810

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: HSL1900_140131 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.448$ S/m; $\epsilon_r = 39.189$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.76, 7.76, 7.76); Calibrated: 10/15/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 10/30/2013
- Phantom: SAM-L; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch810/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.865 W/kg

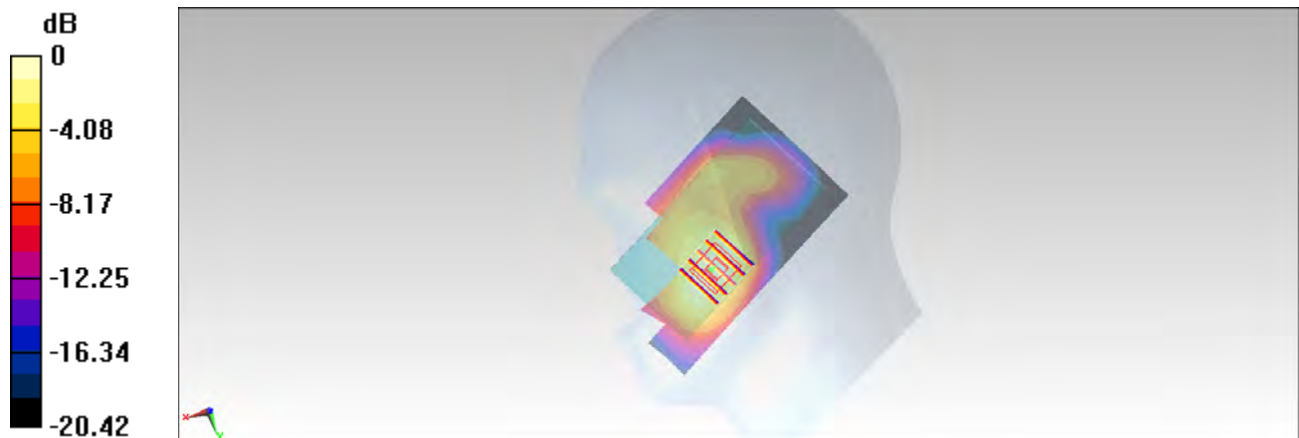
Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.143 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.380 W/kg

Maximum value of SAR (measured) = 0.848 W/kg



0 dB = 0.848 W/kg = -0.72 dBW/kg

#03_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch11

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.019

Medium: HSL2450_140201 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.824$ S/m; $\epsilon_r = 40.743$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.83, 6.83, 6.83); Calibrated: 10/15/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 10/30/2013
- Phantom: SAM-L; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch11/Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.05 W/kg

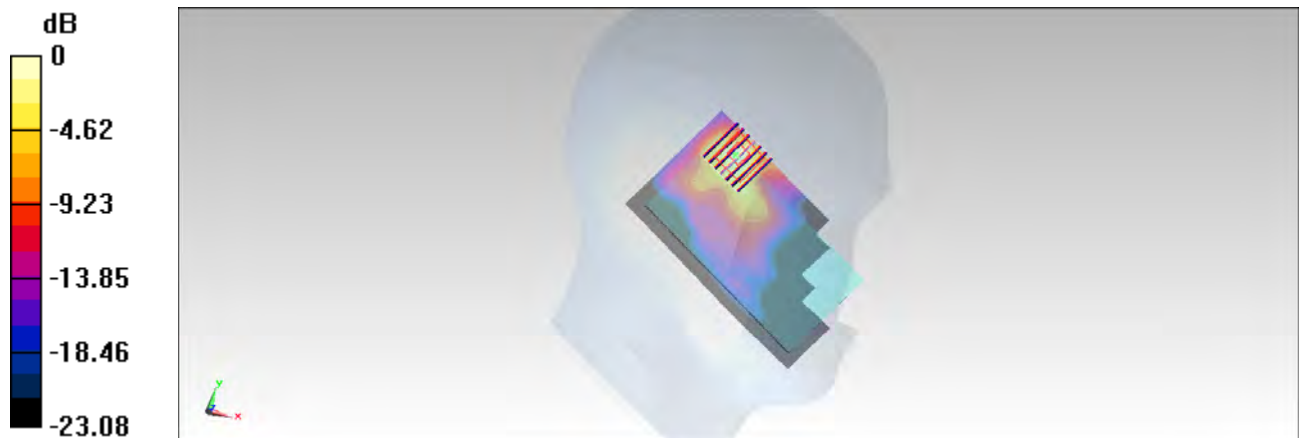
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.572 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.244 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

#04_GSM850_GPRS (2 Tx slots)_Back_1cm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: MSL_850_140126 Medium parameters used: $f = 849$ MHz; $\sigma = 0.992$ S/m; $\epsilon_r = 54.626$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.62, 8.62, 8.62); Calibrated: 10/15/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 10/30/2013
- Phantom: SAM-L; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch251/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.35 W/kg

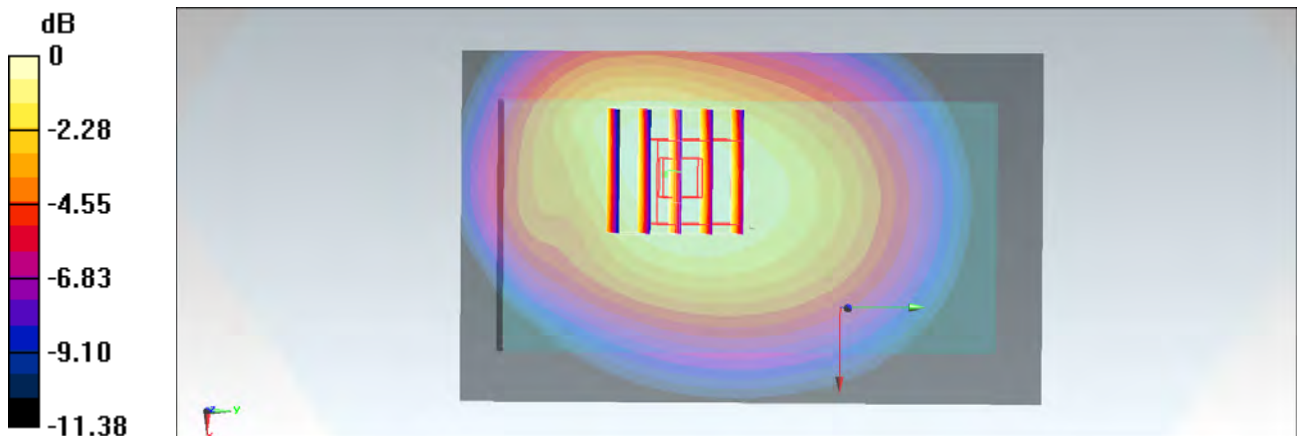
Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.680 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.820 W/kg

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



0 dB = 1.35 W/kg = 1.30 dBW/kg

#05_GSM1900_GPRS (2 Tx slots)_Front_1cm_Ch810

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: MSL1900_140126 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.539 \text{ S/m}$; $\epsilon_r = 52.621$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.19, 7.19, 7.19); Calibrated: 10/15/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 10/30/2013
- Phantom: SAM-L; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch810/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.777 W/kg

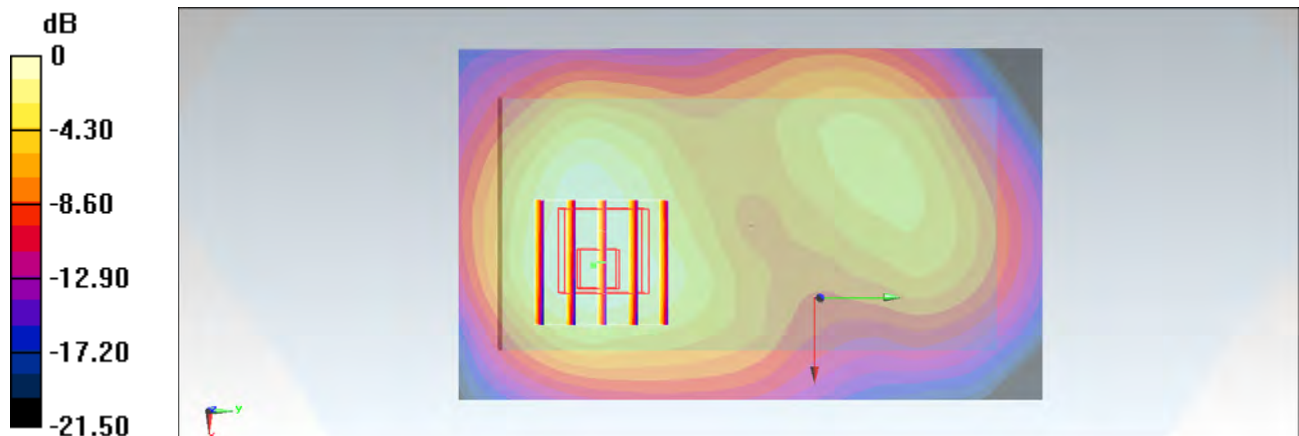
Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.688 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.894 W/kg

SAR(1 g) = 0.520 W/kg ; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 0.694 W/kg



0 dB = $0.694 \text{ W/kg} = -1.59 \text{ dBW/kg}$

#06_WLAN2.4GHz_802.11b 1Mbps_Back_1cm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.019

Medium: MSL2450_140127 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.001$ S/m; $\epsilon_r = 52.104$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.76, 6.76, 6.76); Calibrated: 10/15/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 10/30/2013
- Phantom: SAM-L; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch11/Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.463 W/kg

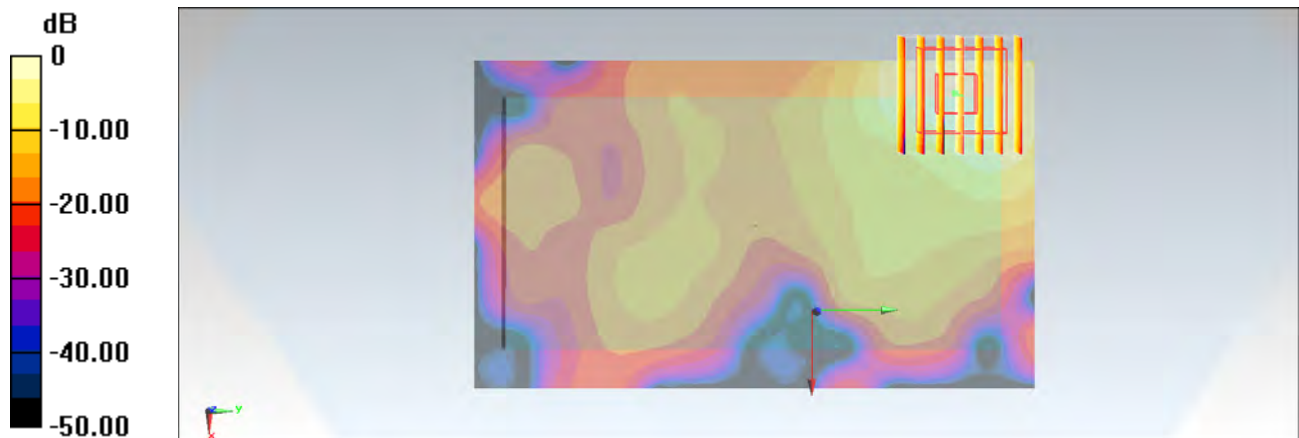
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.140 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.627 W/kg

SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.454 W/kg



0 dB = 0.454 W/kg = -3.43 dBW/kg

#07_GSM850_GPRS (2 Tx slots)_Back_1cm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: MSL_850_140126 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.992 \text{ S/m}$; $\epsilon_r = 54.626$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.7 \text{ }^\circ\text{C}$; Liquid Temperature : $22.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.62, 8.62, 8.62); Calibrated: 10/15/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 10/30/2013
- Phantom: SAM-L; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch251/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.35 W/kg

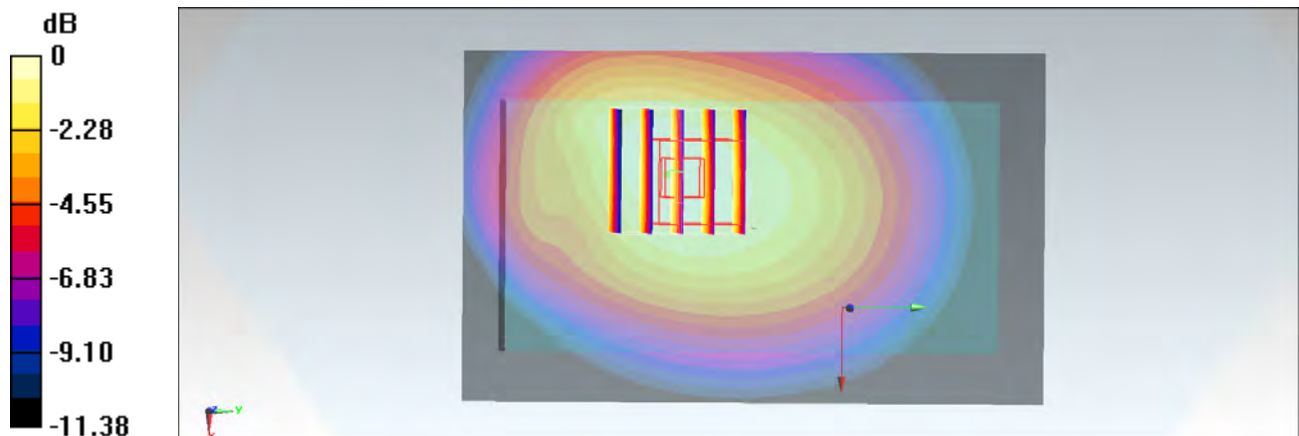
Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 37.680 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 1.14 W/kg ; SAR(10 g) = 0.820 W/kg

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



0 dB = $1.35 \text{ W/kg} = 1.30 \text{ dBW/kg}$

#08_GSM1900_GPRS (2 Tx slots)_Front_1cm_Ch810

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: MSL1900_140126 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.539 \text{ S/m}$; $\epsilon_r = 52.621$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.19, 7.19, 7.19); Calibrated: 10/15/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 10/30/2013
- Phantom: SAM-L; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch810/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.777 W/kg

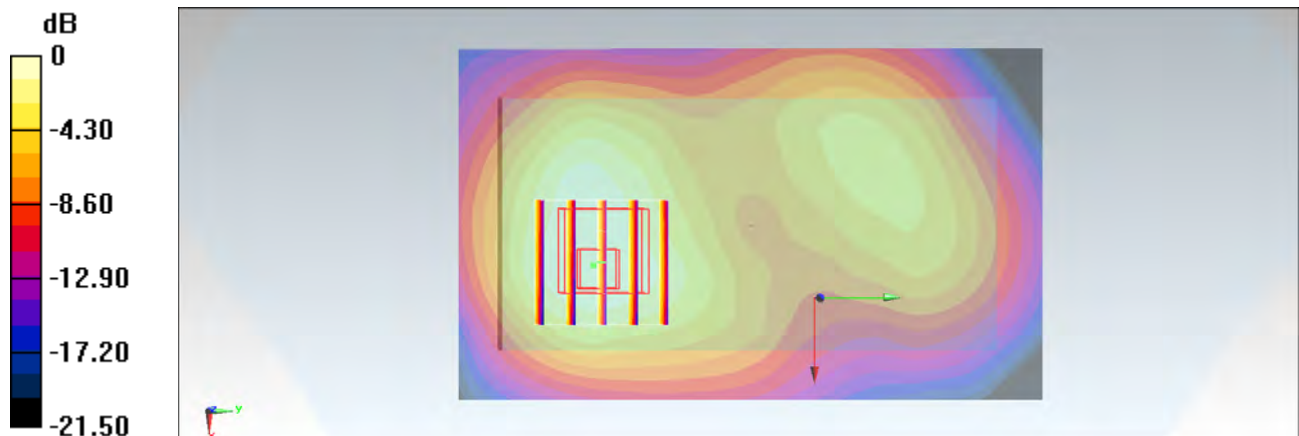
Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.688 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.894 W/kg

SAR(1 g) = 0.520 W/kg ; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 0.694 W/kg



0 dB = $0.694 \text{ W/kg} = -1.59 \text{ dBW/kg}$

#09_WLAN2.4GHz_802.11b 1Mbps_Back_1cm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.019

Medium: MSL2450_140127 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.001$ S/m; $\epsilon_r = 52.104$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.76, 6.76, 6.76); Calibrated: 10/15/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 10/30/2013
- Phantom: SAM-L; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch11/Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.463 W/kg

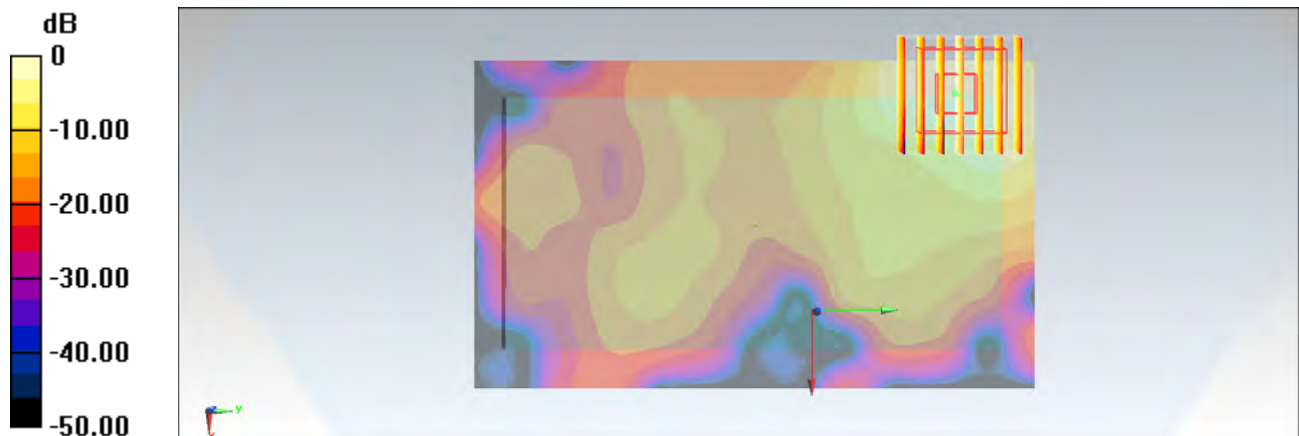
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.140 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.627 W/kg

SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.454 W/kg



0 dB = 0.454 W/kg = -3.43 dBW/kg