

#01_GSM850_GPRS(3 Tx slots)_Left Cheek_Ch128

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.77
Medium: HSL_835_140903 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 42.305$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.68, 9.68, 9.68); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch128/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.323 W/kg

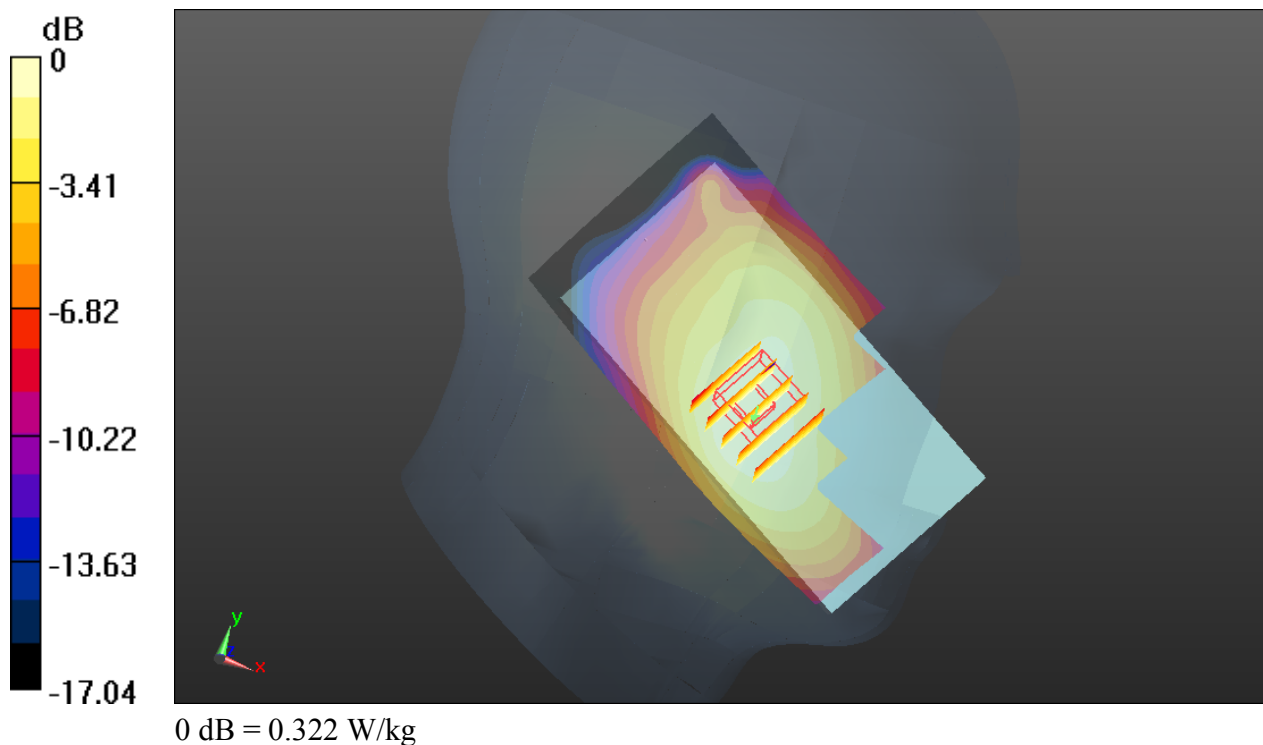
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.761 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.355 W/kg

SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.322 W/kg



#02_GSM1900_GPRS(2 Tx slots)_Left Cheek_Ch512

Communication System: UID 0, GPRS/EDGE10 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: HSL_1900_140902 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.369$ S/m; $\epsilon_r = 40.567$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.275 W/kg

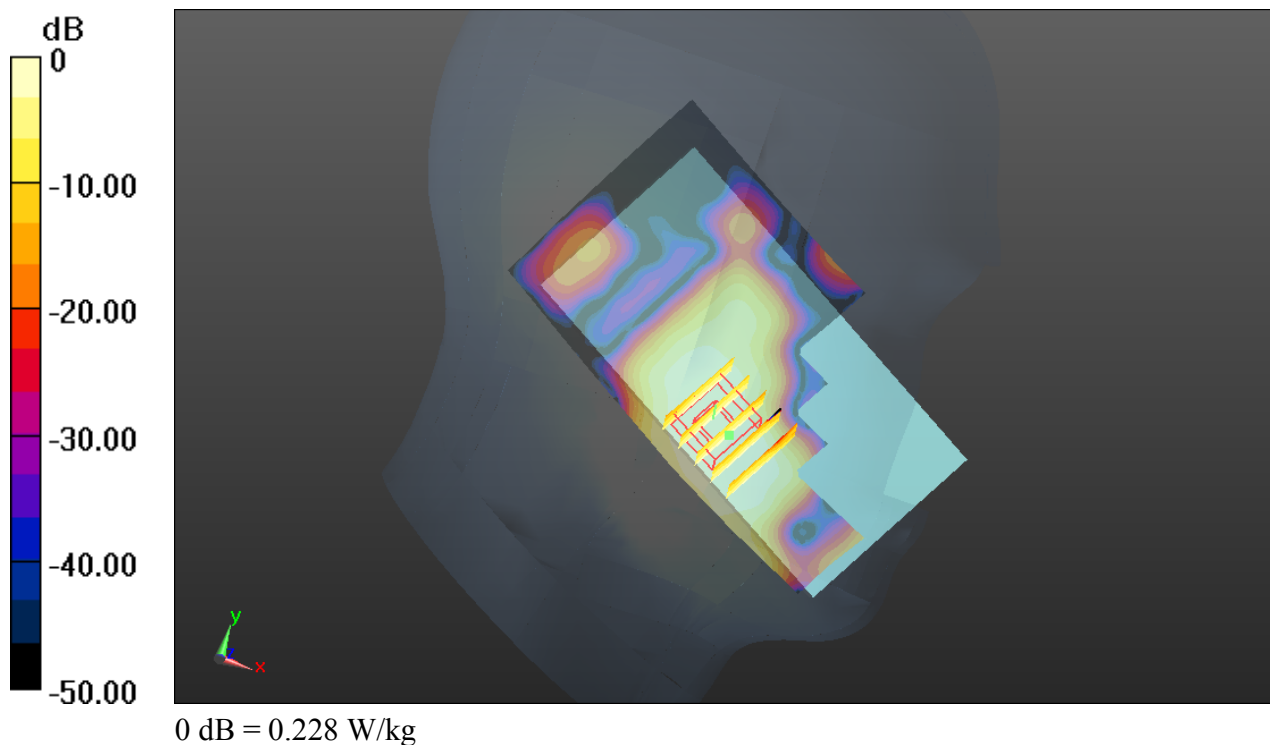
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.085 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.228 W/kg



#03_WCDMA Band V_RMC 12.2K_Left Cheek_Ch4233

Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_835_140915 Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 41.403$;
 $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.68, 9.68, 9.68); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch4233/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

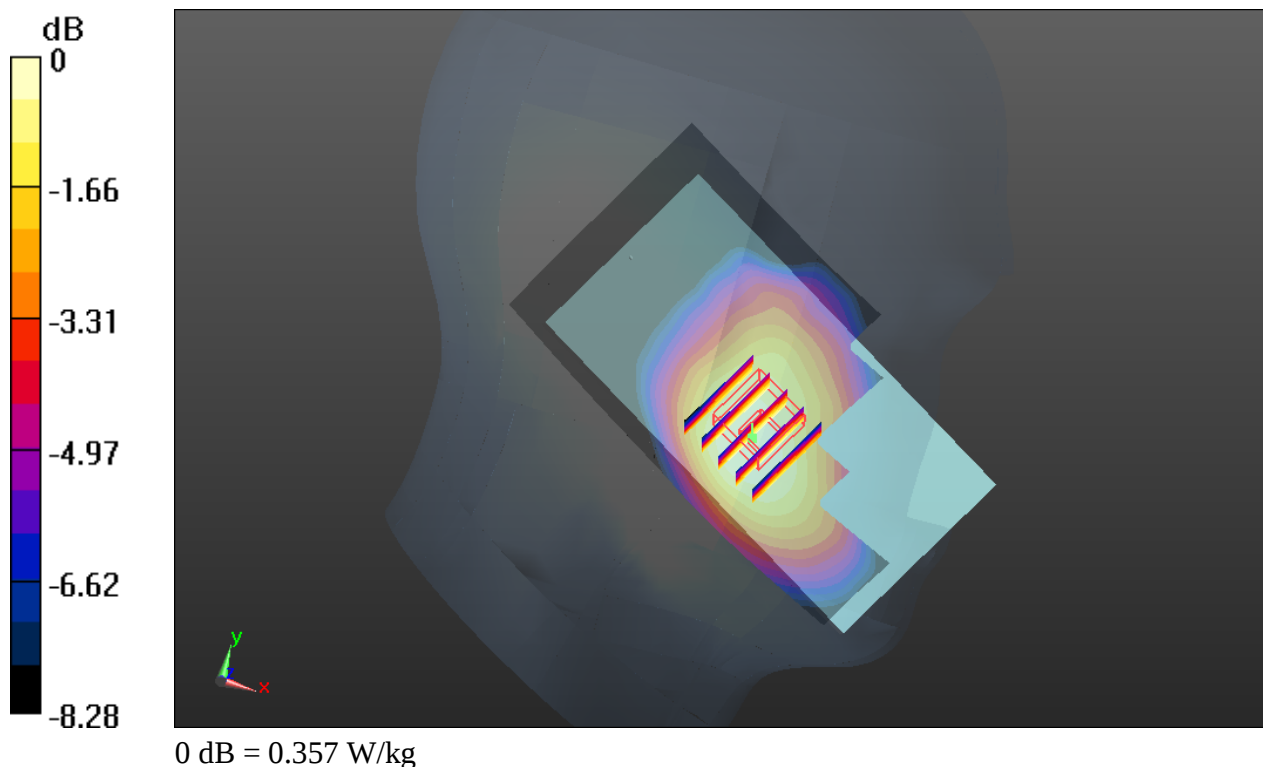
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.674 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.390 W/kg

SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.248 W/kg

Maximum value of SAR (measured) = 0.357 W/kg



#04_WCDMA Band II_RMC 12.2K_Left Cheek_Ch9538

Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: HSL_1900_140902 Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.427$ S/m; $\epsilon_r = 40.307$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9538/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.357 W/kg

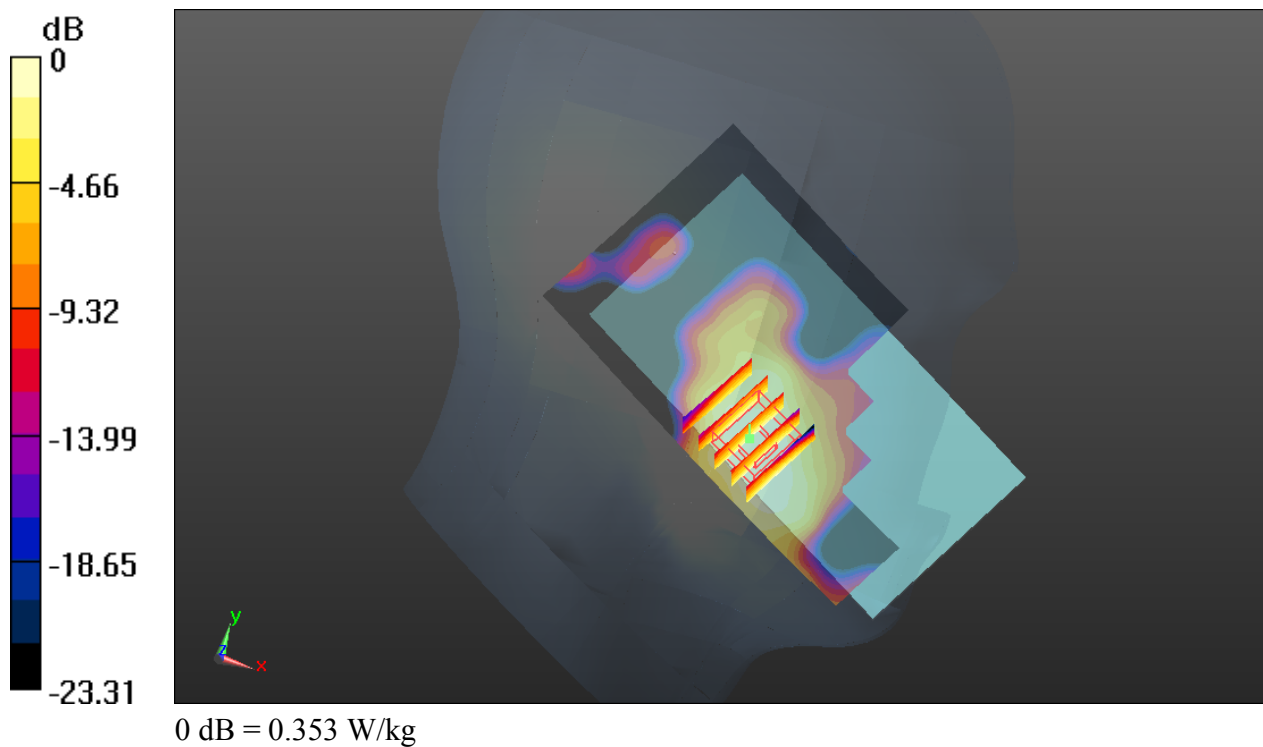
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.349 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.414 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.171 W/kg

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



#05_LTE Band 5_10M_QPSK_1RB_24Offset_Left Cheek_Ch20450

Communication System: UID 0, LTE (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: HSL_835_140903 Medium parameters used: $f = 829$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 42.228$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.68, 9.68, 9.68); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch20450/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.310 W/kg

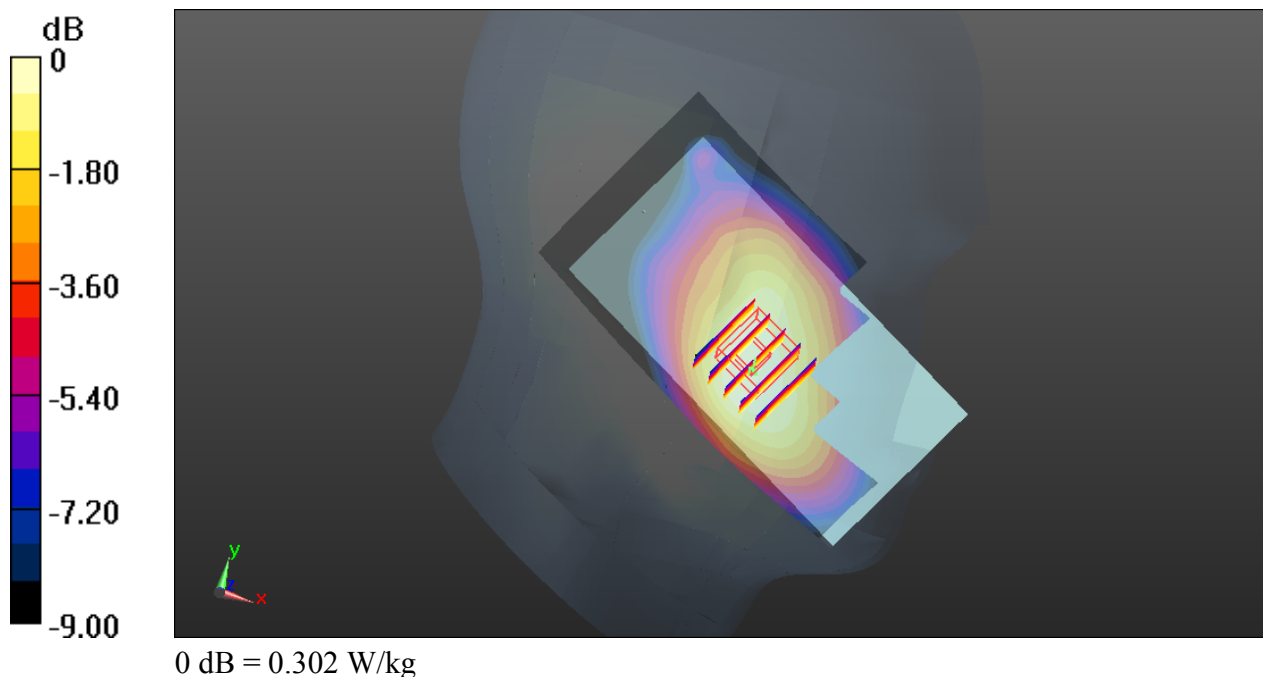
Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.698 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.207 W/kg

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



#06_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_140903 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.874$ S/m; $\epsilon_r = 39.532$;
 $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.0536 W/kg

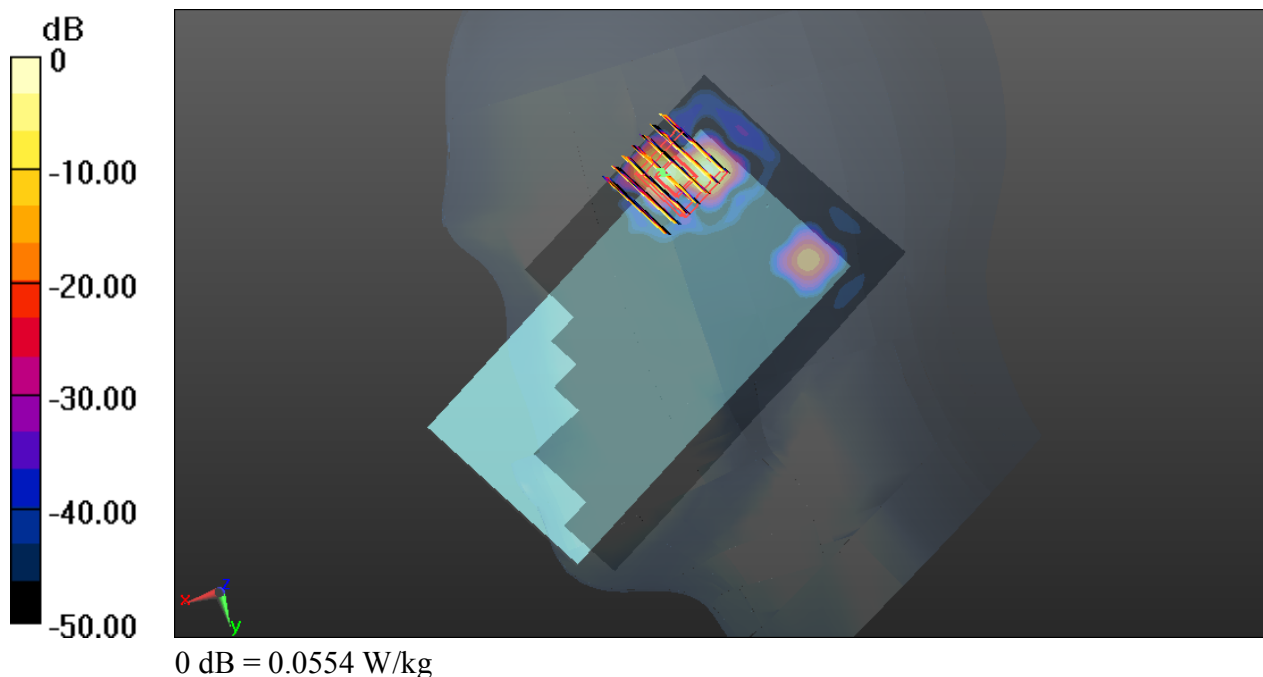
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.876 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0810 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.010 W/kg

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



#07_Bluetooth_1Mbps DH5_Right Cheek_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.2
Medium: HSL_2450_140903 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.806$ S/m; $\epsilon_r = 39.76$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch0/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0397 W/kg

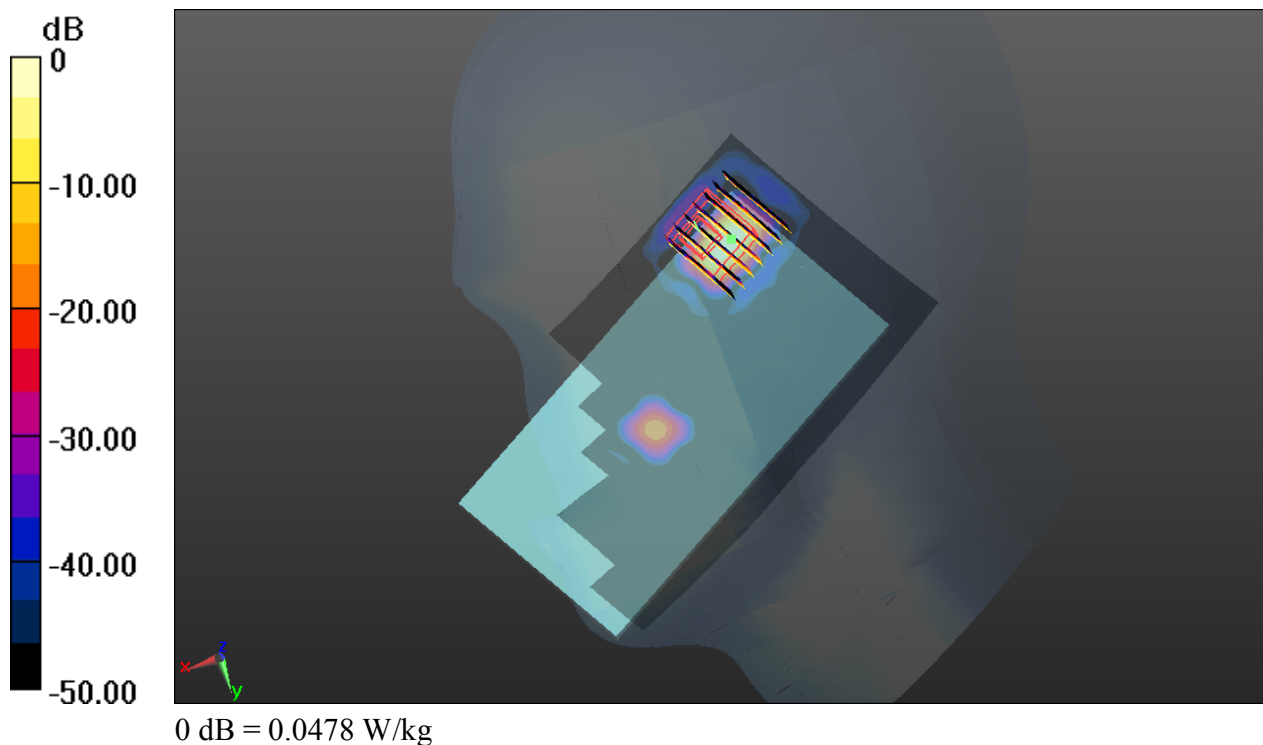
Ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.728 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0730 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.00979 W/kg

Maximum value of SAR (measured) = 0.0478 W/kg



#08_GSM850_GPRS(3 Tx slots)_Back_1cm_Ch128

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.77
Medium: MSL_835_140903 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.987$ S/m; $\epsilon_r = 54.206$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.54, 9.54, 9.54); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch128/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.591 W/kg

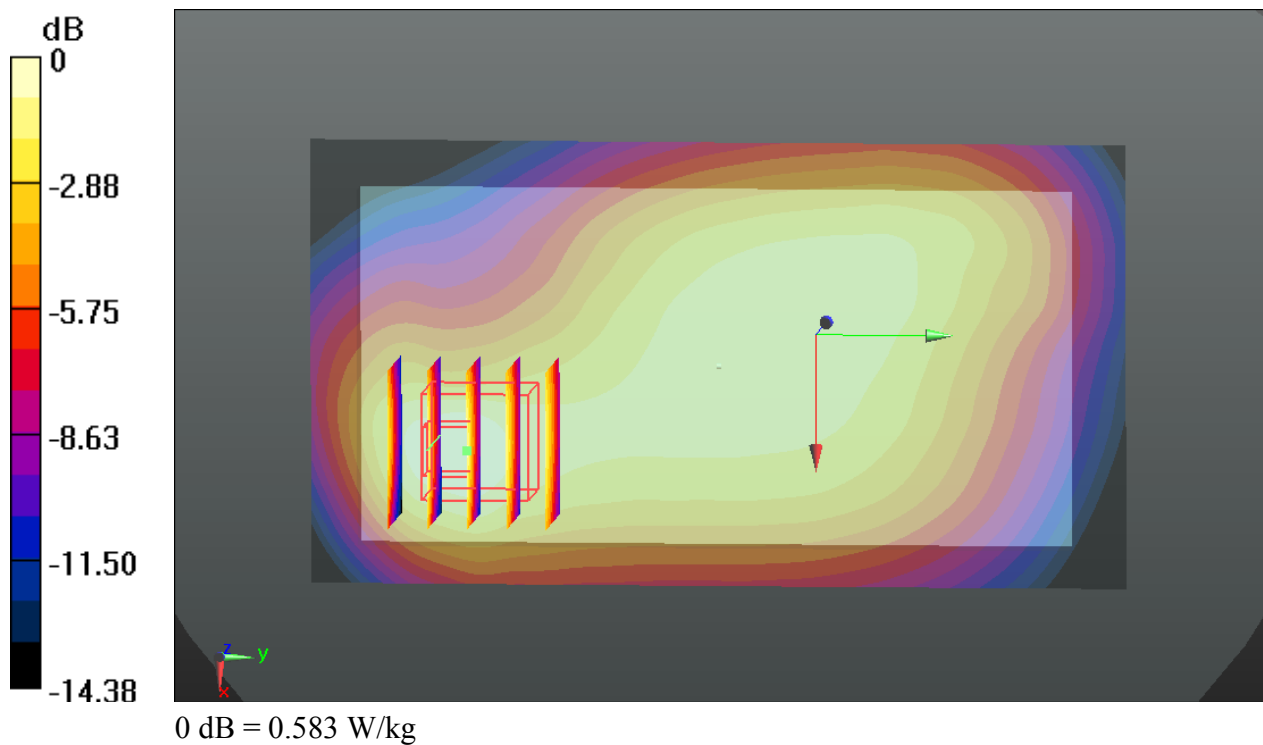
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.248 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.707 W/kg

SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (measured) = 0.583 W/kg



#09_GSM1900_GPRS(2 Tx slots)_Front_1cm_Ch512

Communication System: UID 0, GPRS/EDGE10 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_140902 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.487$ S/m; $\epsilon_r = 53.637$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.55, 7.55, 7.55); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.633 W/kg

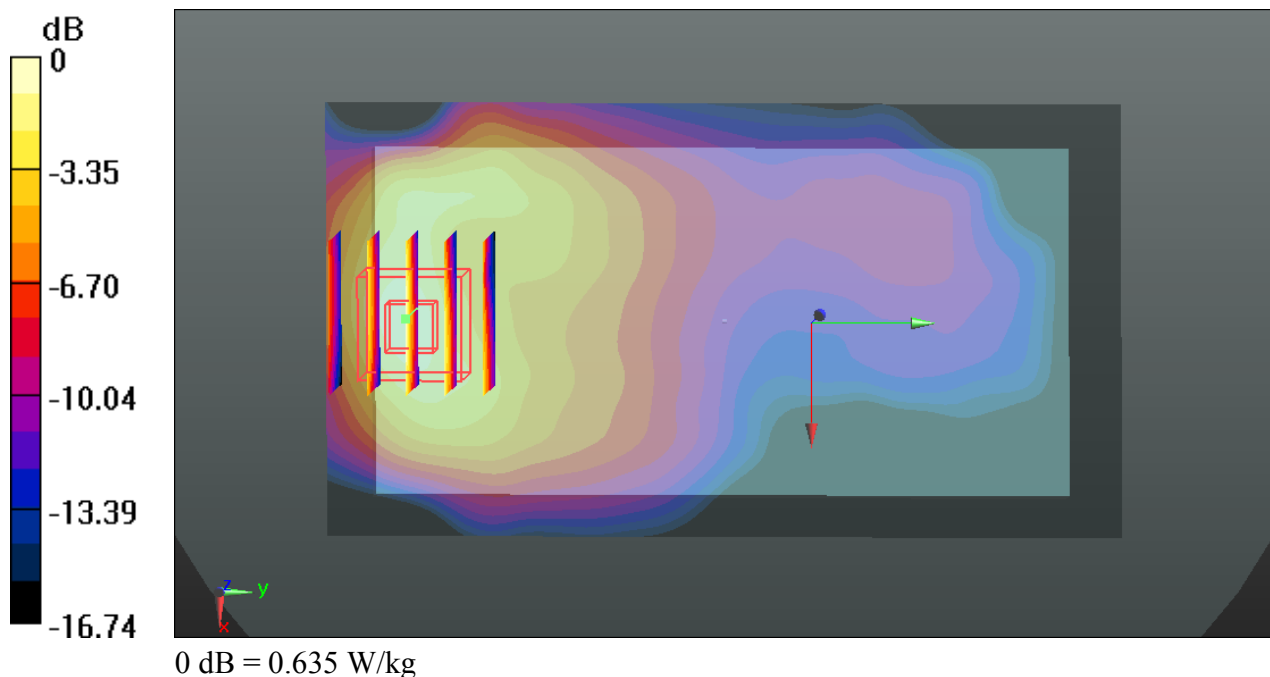
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.402 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.471 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 0.635 W/kg



#10_WCDMA Band V_RMC 12.2K_Back_1cm_Ch4233

Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_835_140915 Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.992$ S/m; $\epsilon_r = 54.346$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.54, 9.54, 9.54); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch4233/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.693 W/kg

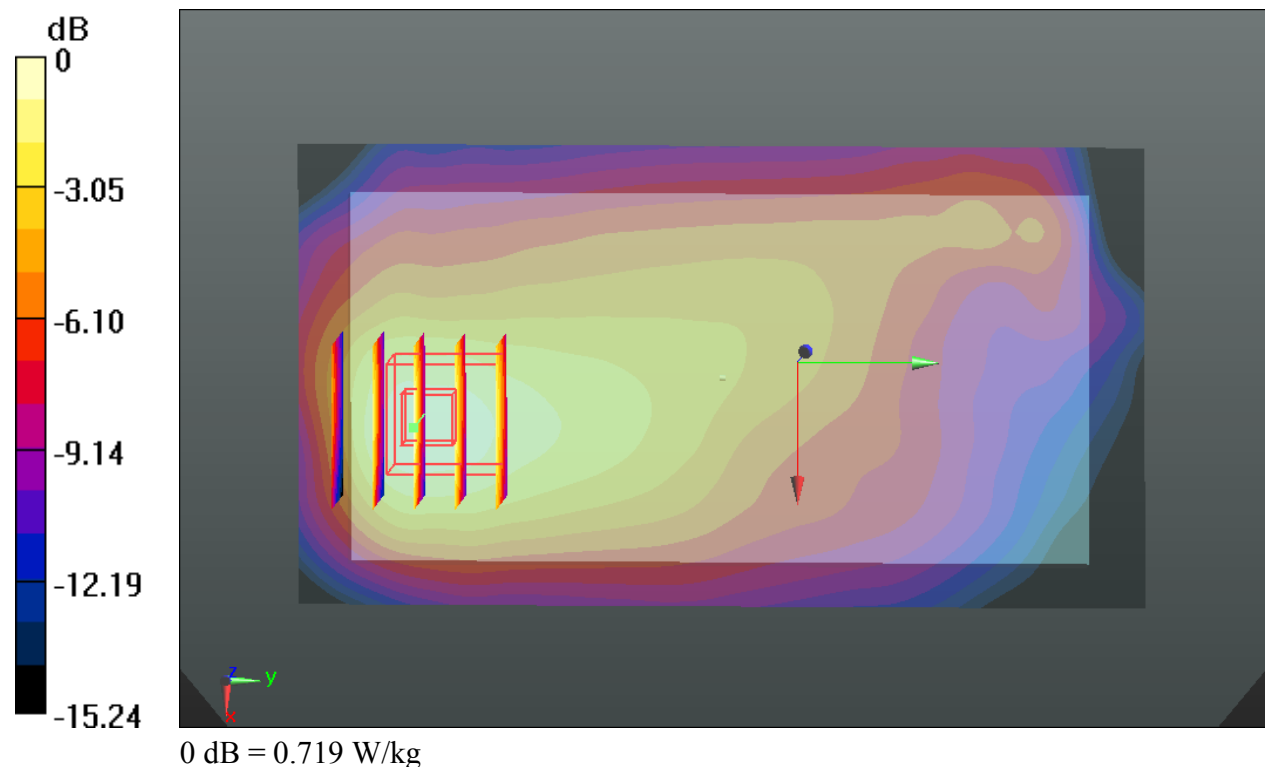
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.714 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.835 W/kg

SAR(1 g) = 0.577 W/kg; SAR(10 g) = 0.374 W/kg

Maximum value of SAR (measured) = 0.719 W/kg



#11_WCDMA Band II_RMC 12.2K_Front_1cm_Ch9538

Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: MSL_1900_140902 Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.554$ S/m; $\epsilon_r = 53.517$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.55, 7.55, 7.55); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9538/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.812 W/kg

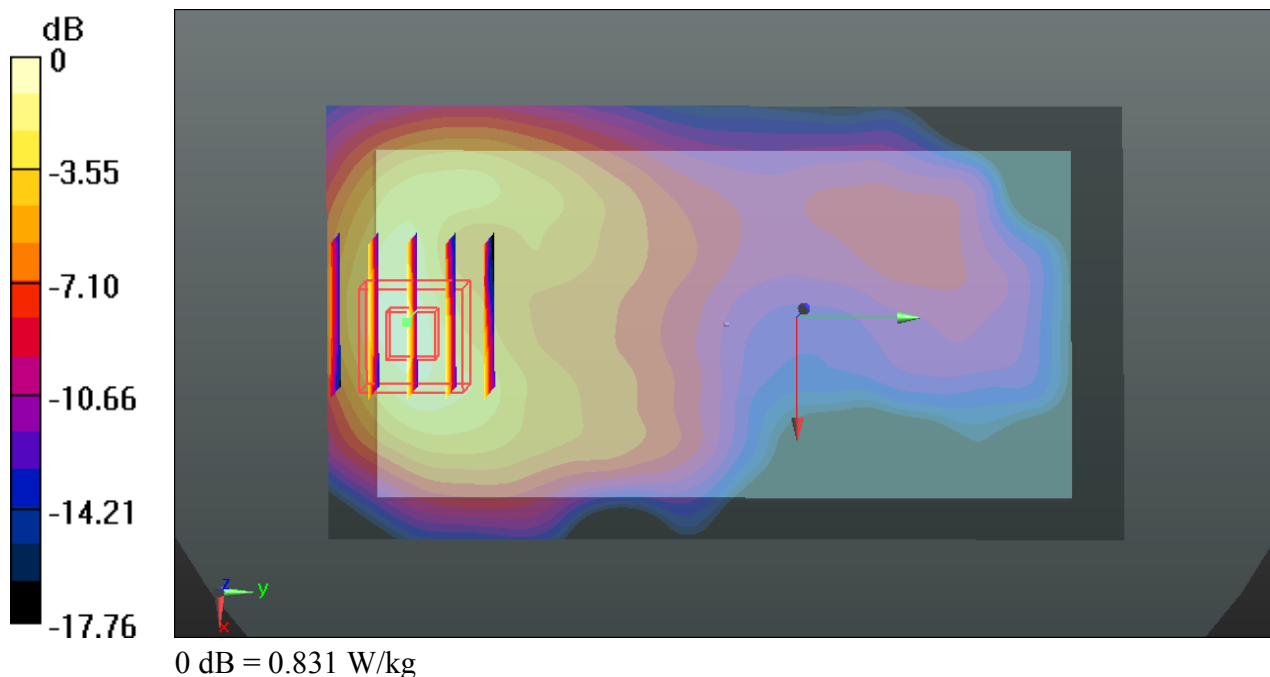
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.716 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.343 W/kg

Maximum value of SAR (measured) = 0.831 W/kg



#12_LTE Band 5_10M_QPSK_1RB_24Offset_Back_1cm_Ch20450

Communication System: UID 0, LTE (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL_835_140903 Medium parameters used: $f = 829$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 54.152$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.54, 9.54, 9.54); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch20450/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.556 W/kg

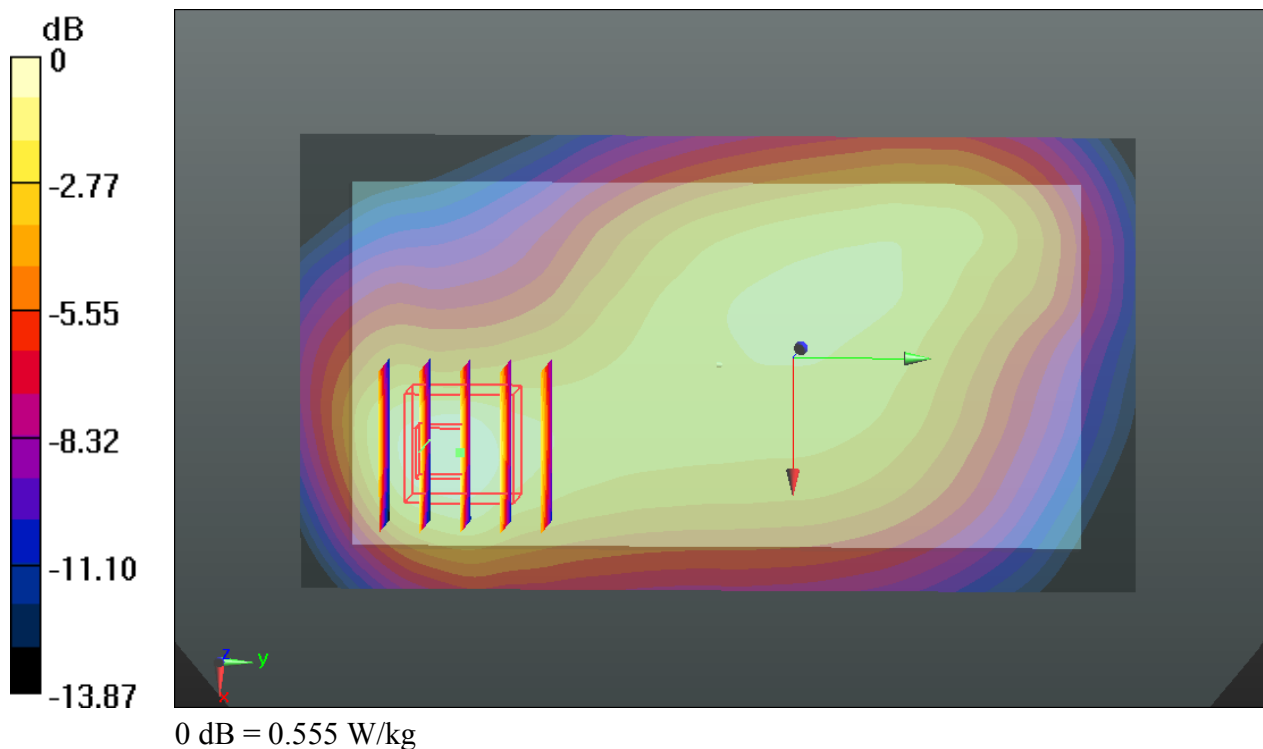
Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.193 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.555 W/kg



#13_WLAN 2.4GHz_802.11b 1Mbps_Back_1cm_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_140903 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.017$ S/m; $\epsilon_r = 52.043$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.07, 7.07, 7.07); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.0924 W/kg

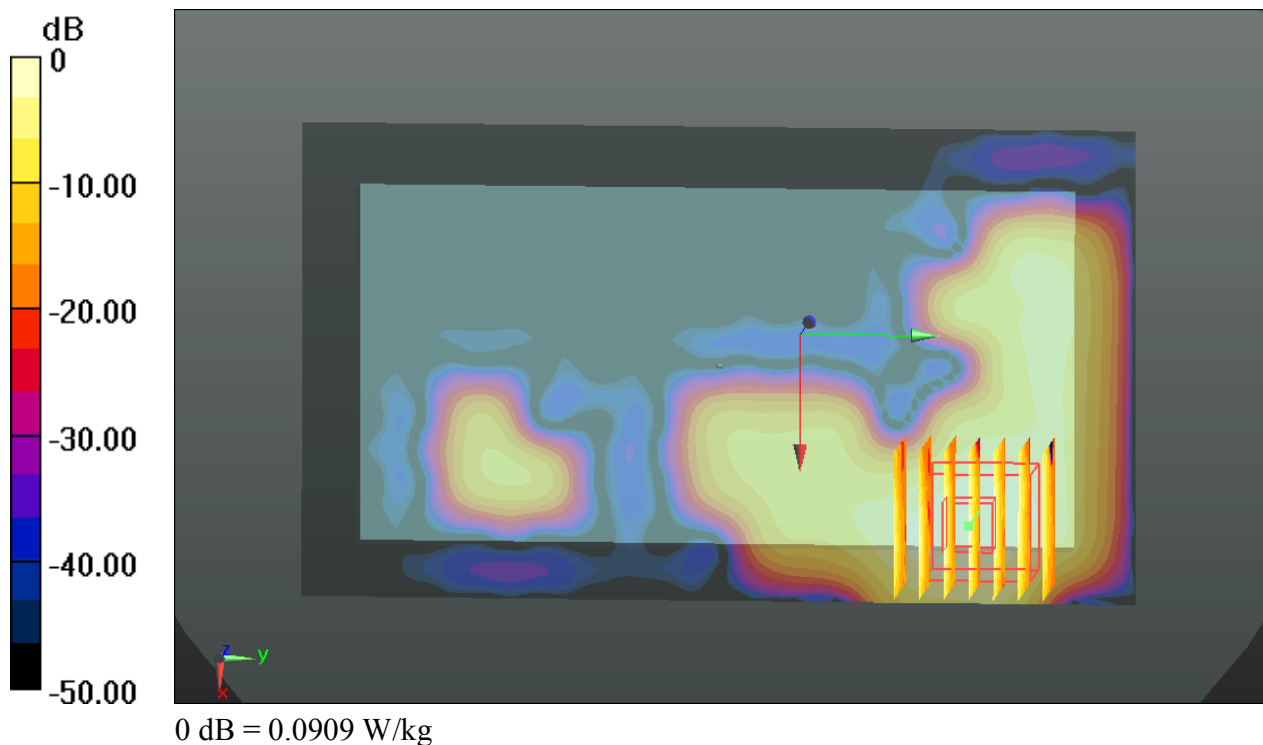
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.098 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0909 W/kg



#14_Bluetooth_1Mbps_DH5_Back_1cm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.2
Medium: MSL_2450_140903 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.942$ S/m; $\epsilon_r = 52.292$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.07, 7.07, 7.07); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2014.07.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch0/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0737 W/kg

Ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0950 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.020 W/kg

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

