

#01_GSM850_GPRS (1 Tx slot)_Right Cheek_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_180314 Medium parameters used: $f = 849$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 41.886$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.79, 9.79, 9.79); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.191 W/kg

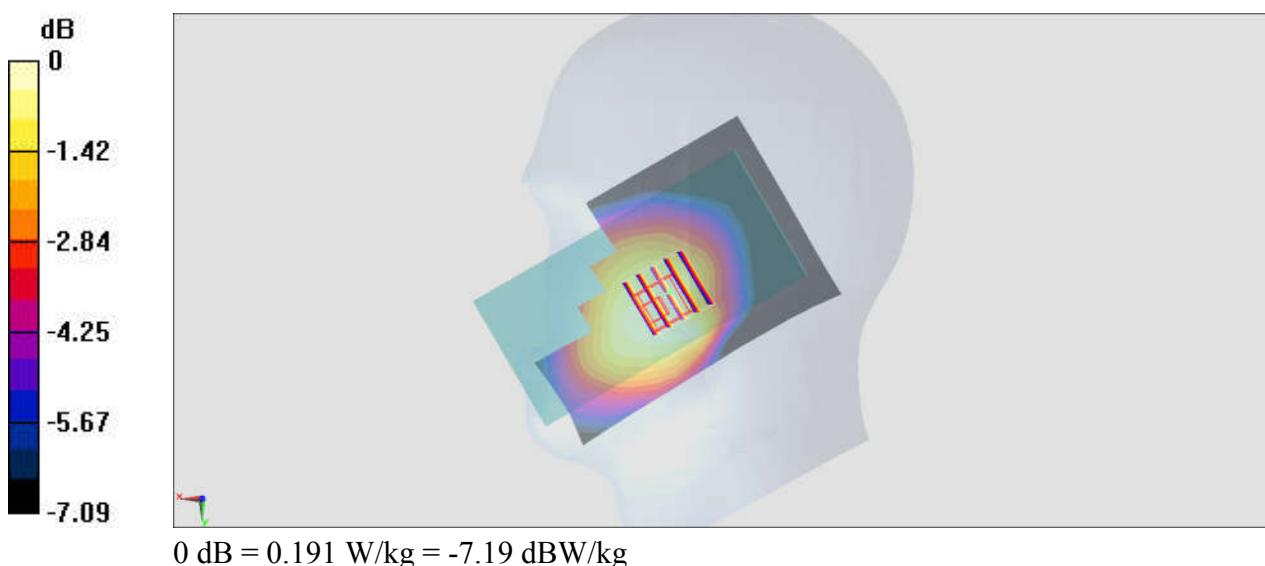
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.16 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.191 W/kg



#02_GSM1900_GPRS (4 Tx slots)_Right Cheek_Ch661

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: HSL_1900_180315 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.402 \text{ S/m}$; $\epsilon_r = 40.823$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.34, 8.34, 8.34); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0878 W/kg

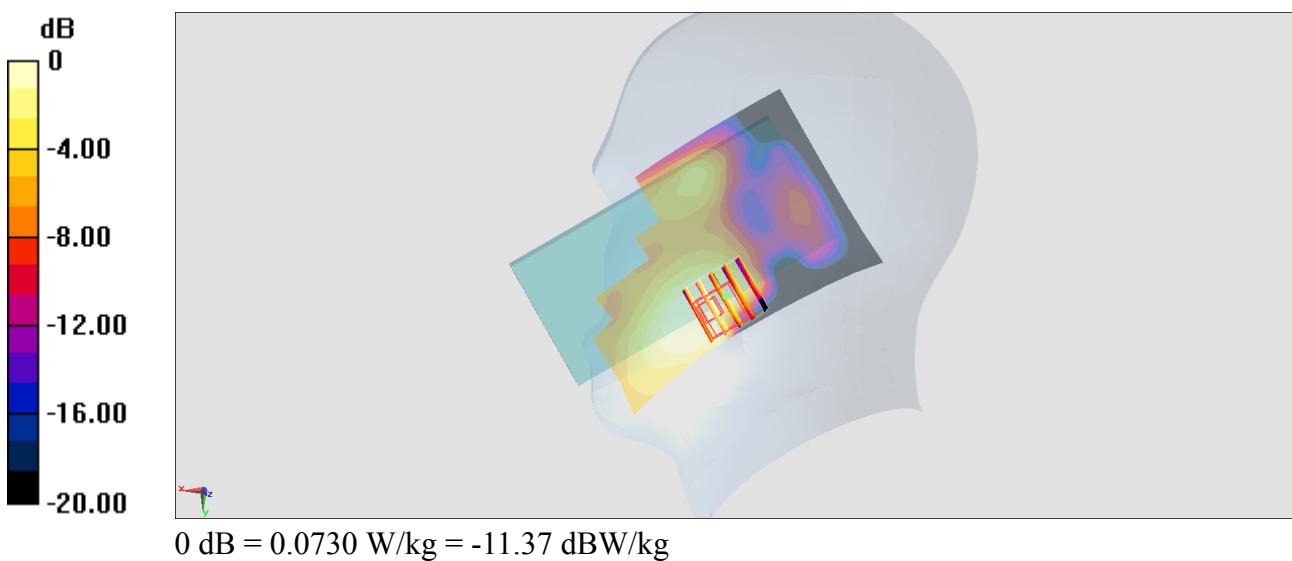
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.557 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0950 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.035 W/kg

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



#03_WCDMA II_RMC 12.2Kbps_Right Cheek_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_180314 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.992$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.73, 8.73, 8.73); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.216 W/kg

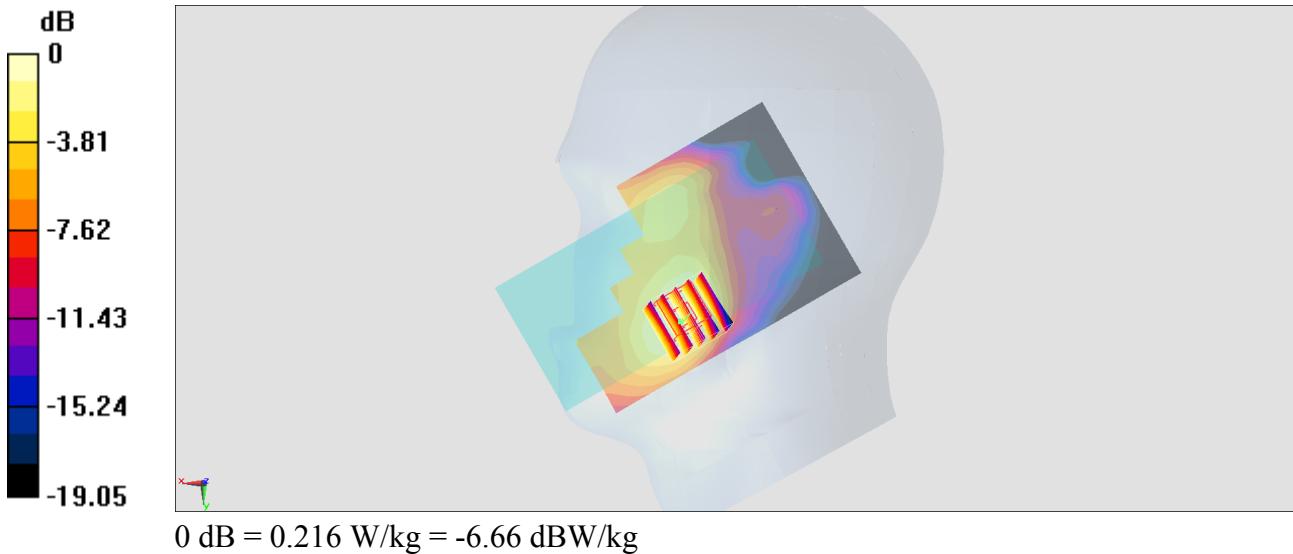
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.34 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.216 W/kg



#04_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4233

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_180314 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.889 \text{ S/m}$; $\epsilon_r = 41.908$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.79, 9.79, 9.79); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.180 W/kg

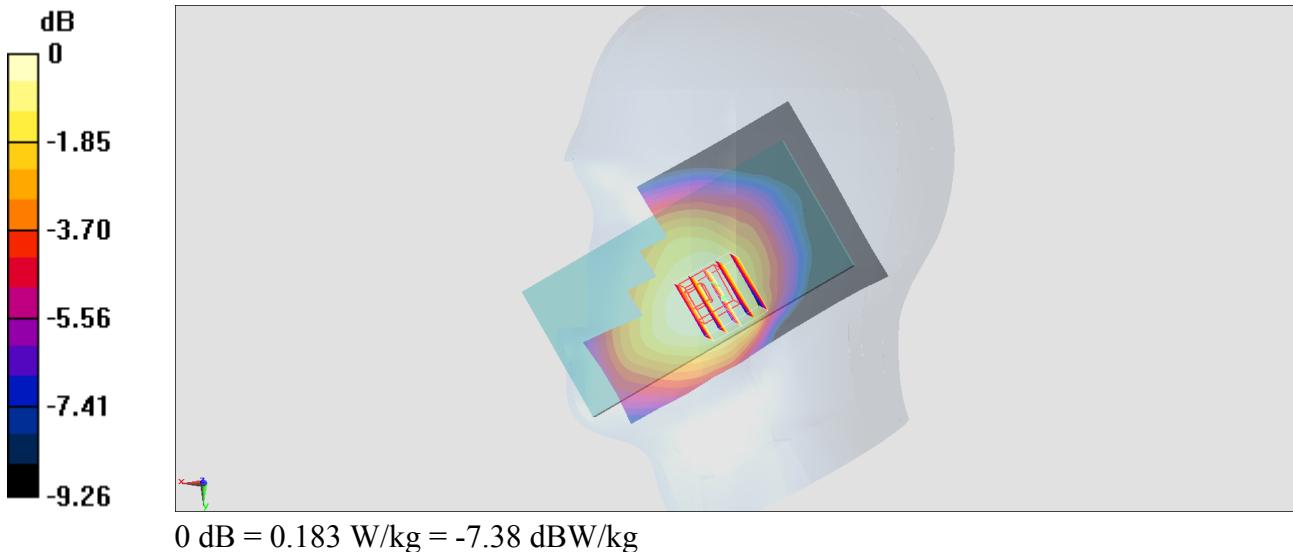
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.63 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.119 W/kg

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



#05_LTE Band 5_10M_QPSK_1_49_Right Cheek_Ch20525

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_850_180317 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.892 \text{ S/m}$; $\epsilon_r = 41.335$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.217 W/kg

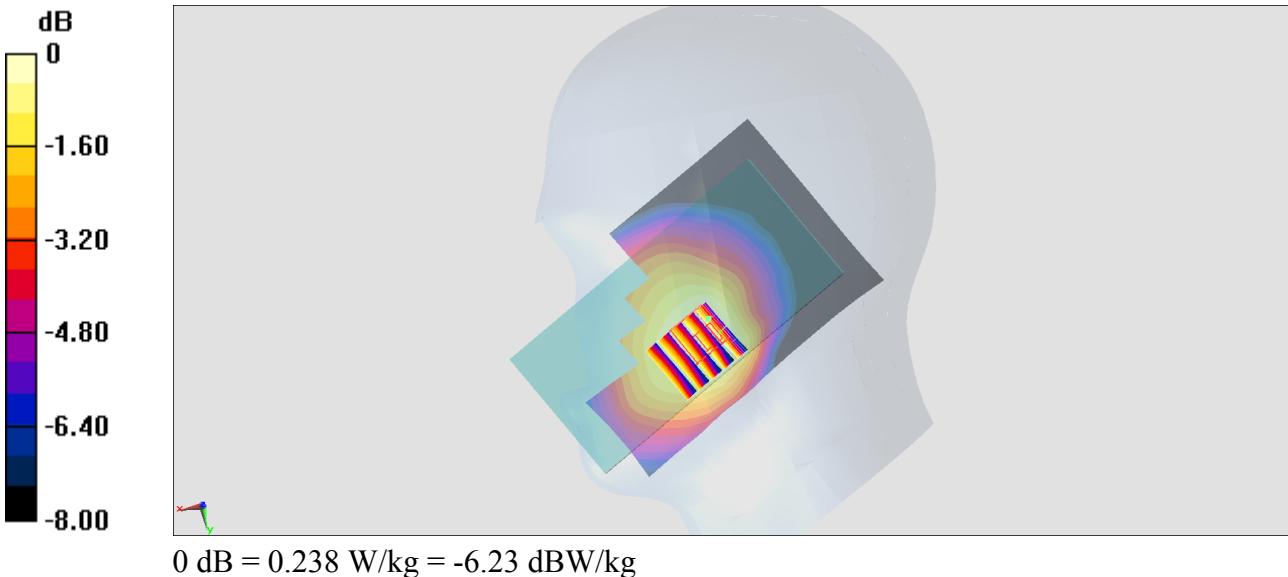
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.18 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.152 W/kg

Maximum value of SAR (measured) = 0.238 W/kg



#06_LTE Band 7_20M_QPSK_1_0_Right Cheek_Ch20850

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL_2600_180314 Medium parameters used: $f = 2510 \text{ MHz}$; $\sigma = 1.851 \text{ S/m}$; $\epsilon_r = 38.485$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.61, 7.61, 7.61); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.197 W/kg

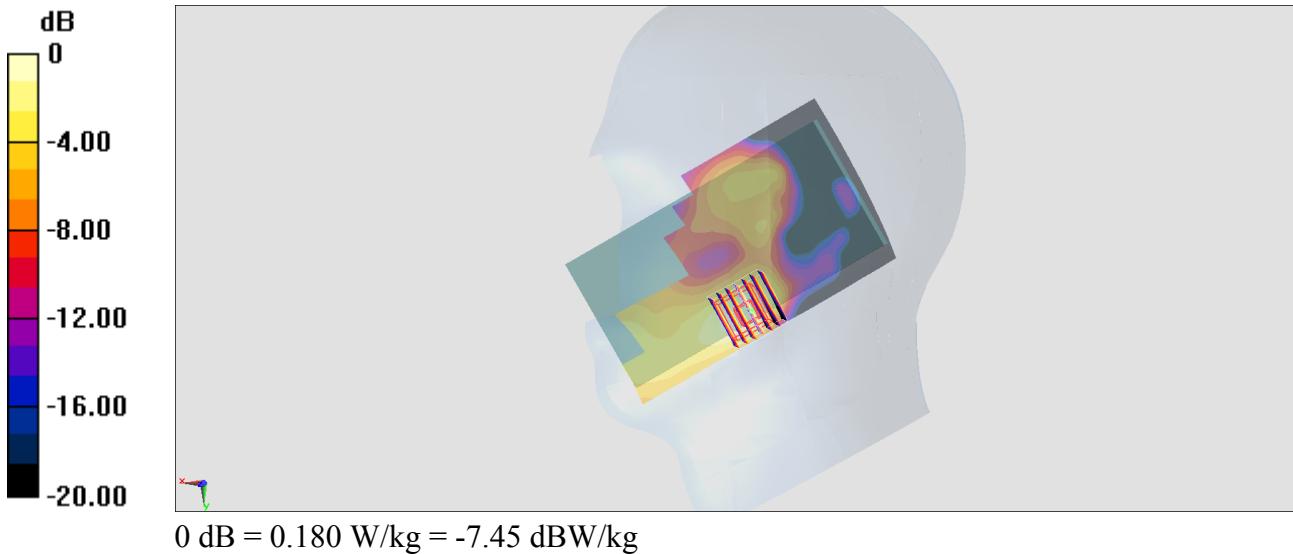
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.569 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.180 W/kg



#07_LTE Band 38_20M_QPSK_1_0_Right Cheek_Ch37850

Communication System: LTE; Frequency: 2580 MHz; Duty Cycle: 1:1.59
Medium: HSL_2600_180314 Medium parameters used: $f = 2580$ MHz; $\sigma = 1.926$ S/m; $\epsilon_r = 38.23$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.61, 7.61, 7.61); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.168 W/kg

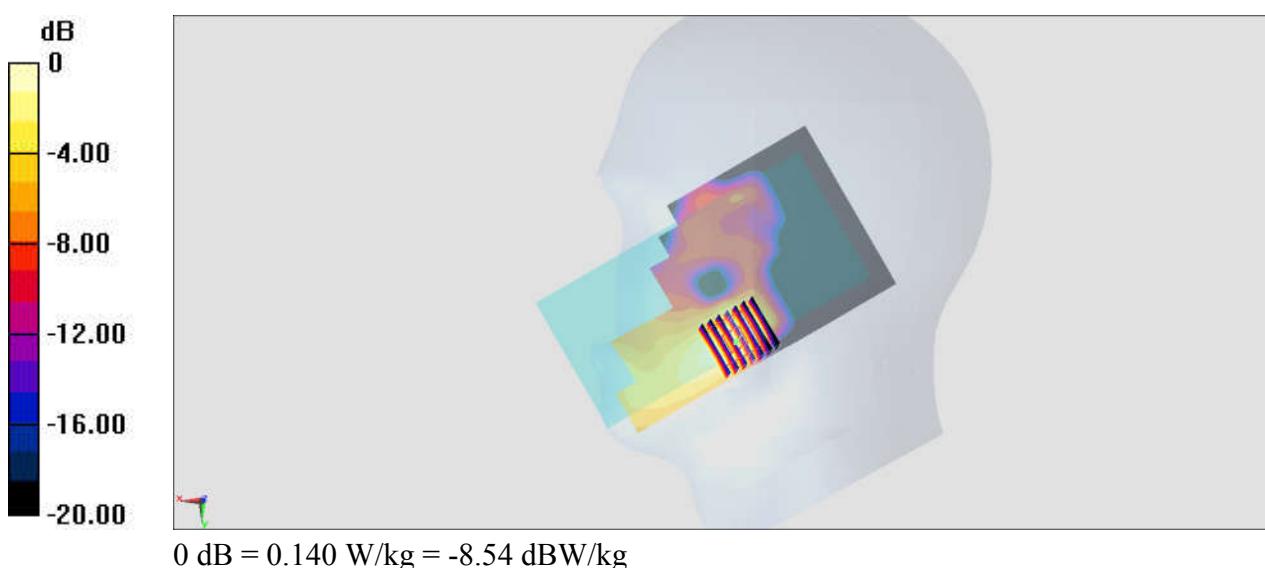
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.803 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.140 W/kg



#08_LTE Band 41_20M_QPSK_1_0_Right Cheek_Ch39750

Communication System: LTE; Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_180314 Medium parameters used: $f = 2506 \text{ MHz}$; $\sigma = 1.847 \text{ S/m}$; $\epsilon_r = 38.498$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.61, 7.61, 7.61); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

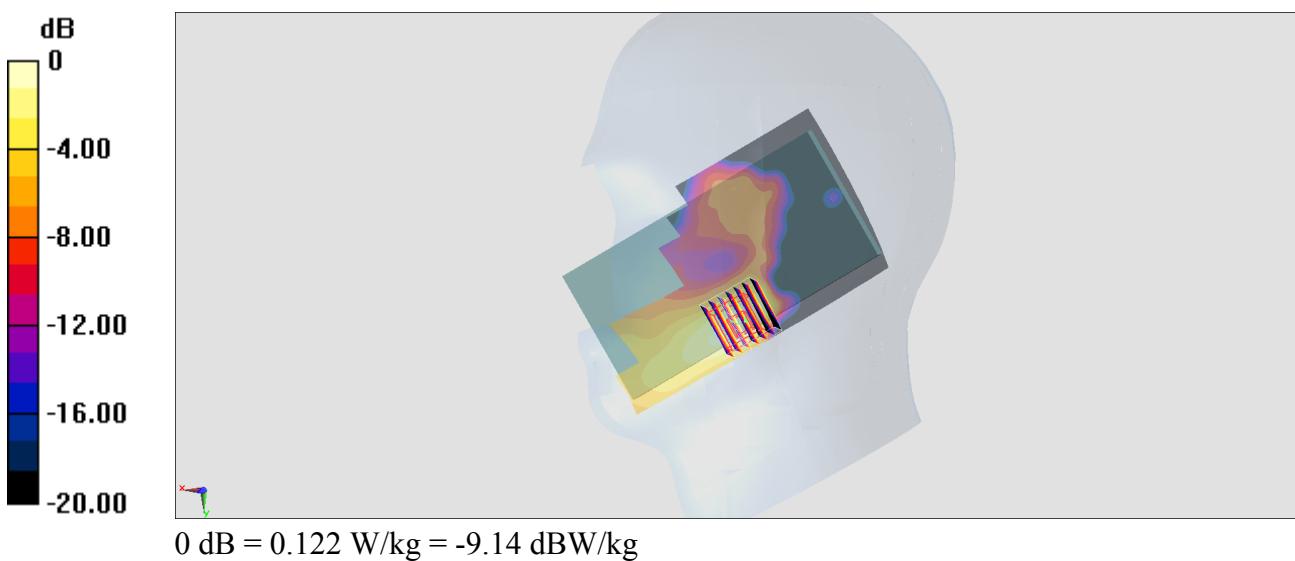
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.125 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.039 W/kg

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



#09_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL_2450_180319 Medium parameters used : $f = 2437 \text{ MHz}$; $\sigma = 1.799 \text{ S/m}$; $\epsilon_r = 38.969$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.85, 7.85, 7.85); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.13 W/kg

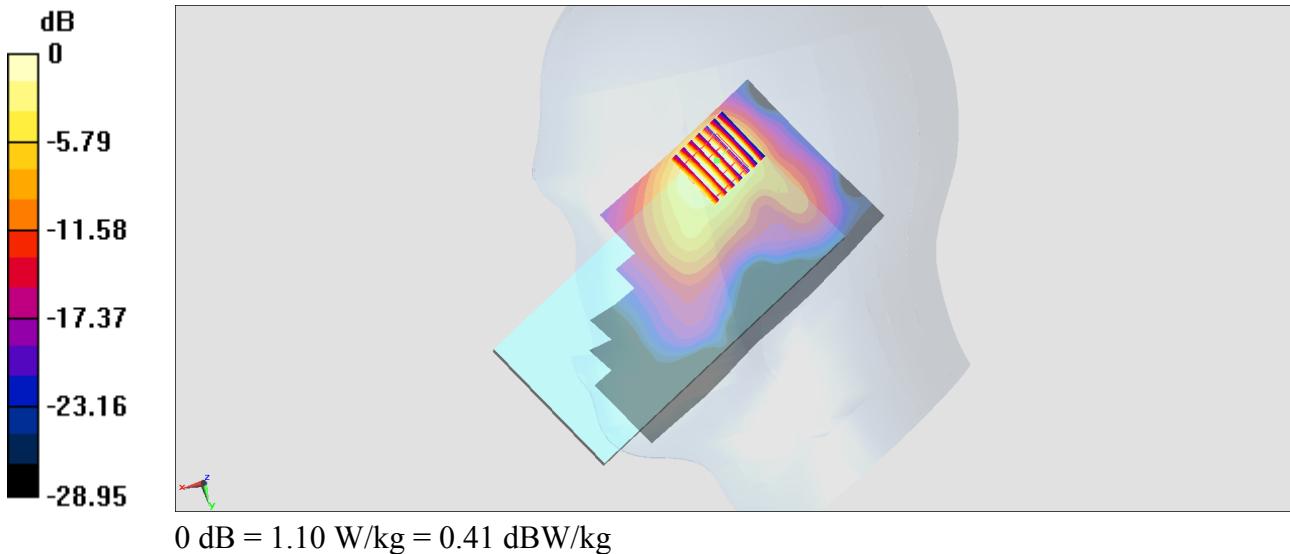
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.39 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



#10_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch64

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.047

Medium: HSL_5G_180319 Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.773 \text{ S/m}$; $\epsilon_r = 37.035$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.36, 5.36, 5.36); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.23 W/kg

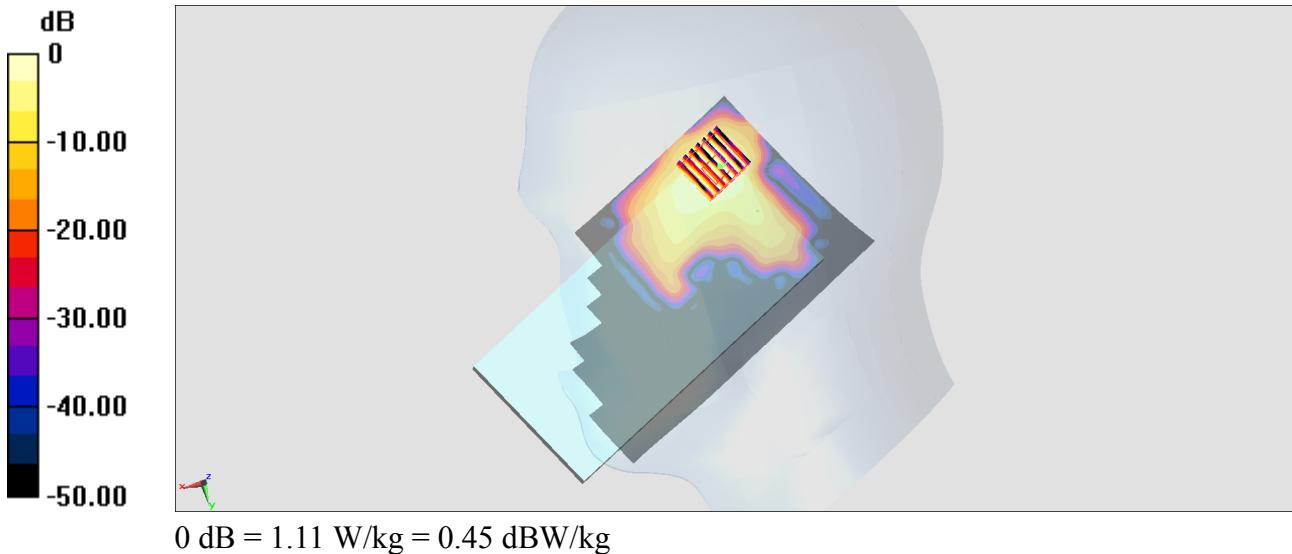
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.300 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



#11_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch100

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.047

Medium: HSL_5G_180319 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.934$ S/m; $\epsilon_r = 36.722$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.990 W/kg

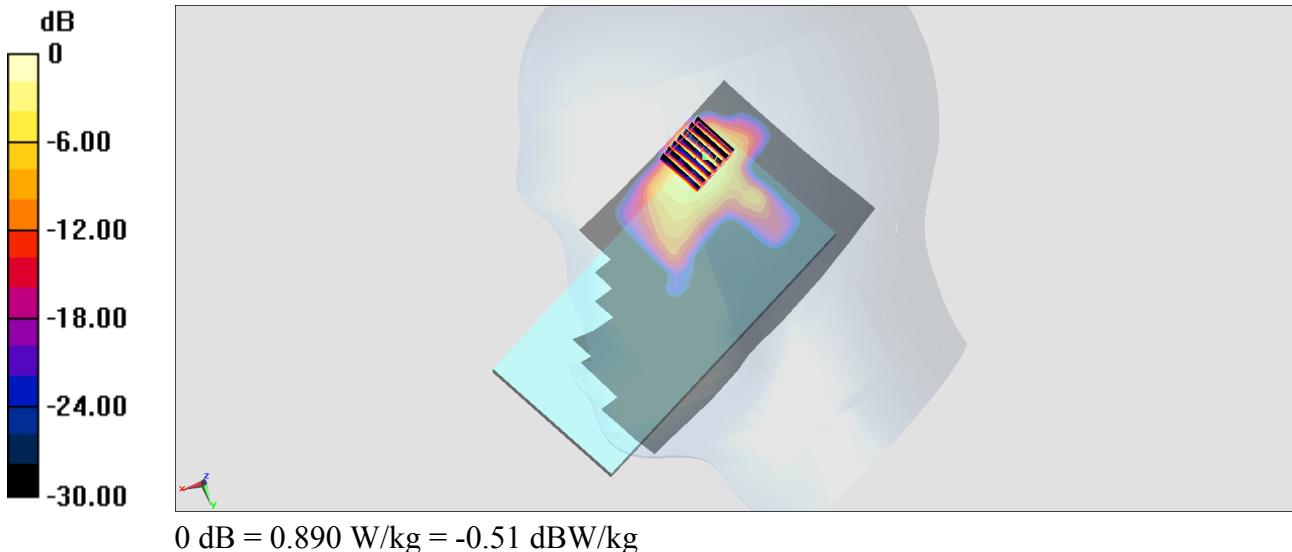
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.84 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 0.890 W/kg



#12_WLAN5GHz_802.11a 6Mbps_Right Tilted_Ch149

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.047

Medium: HSL_5G_180319 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.202 \text{ S/m}$; $\epsilon_r = 36.44$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.87, 4.87, 4.87); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.825 W/kg

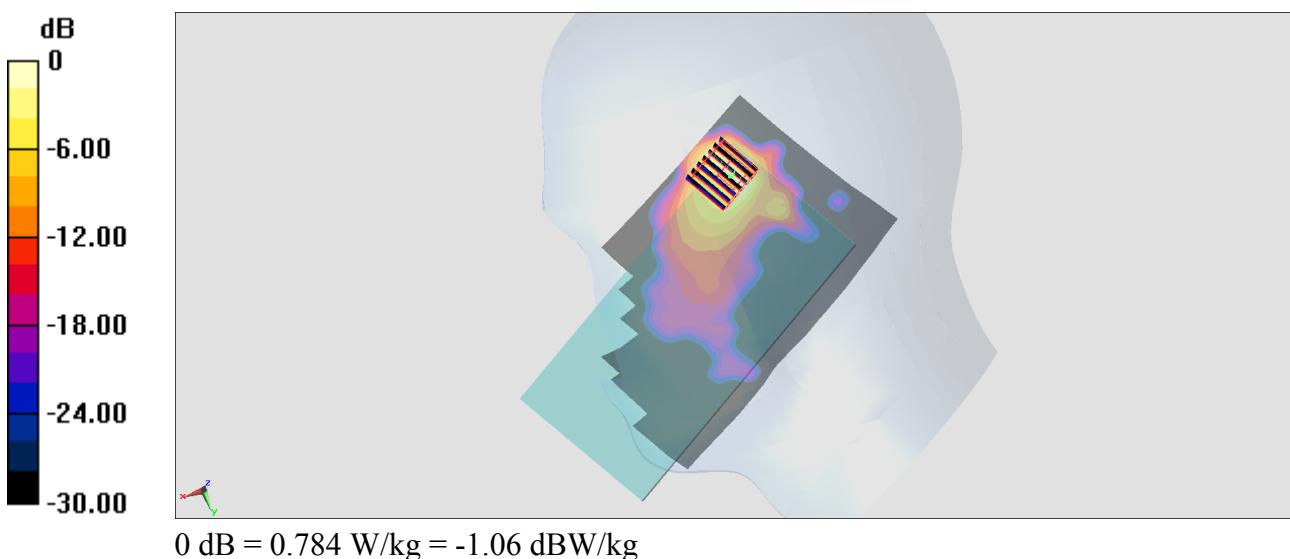
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.061 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.784 W/kg



#13_Bluetooth_1Mbps_Right Cheek_Ch39

Communication System: Bluetooth ; Frequency: 2441 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450_180319 Medium parameters used : $f = 2441 \text{ MHz}$; $\sigma = 1.803 \text{ S/m}$; $\epsilon_r = 38.954$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.85, 7.85, 7.85); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0428 W/kg

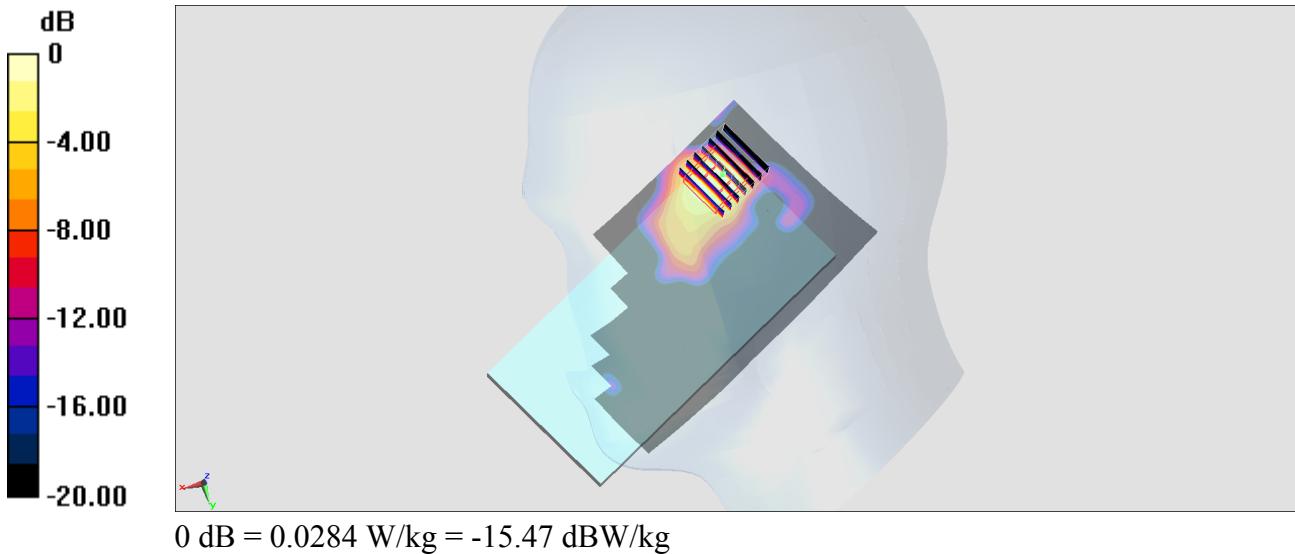
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.101 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0350 W/kg

SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00687 W/kg

Maximum value of SAR (measured) = 0.0284 W/kg



#14_GSM850_GPRS (1 Tx slot)_Back_10mm_Ch251

Communication System: GSM850 ; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_850_180314 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 56.136$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.29, 10.29, 10.29); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

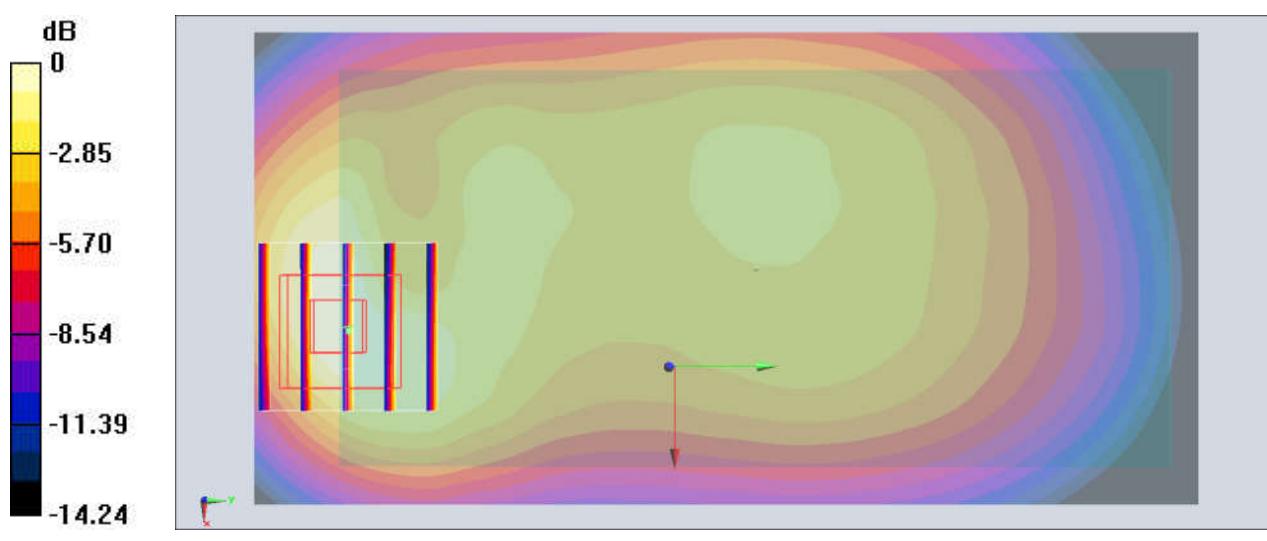
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.37 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.351 W/kg



#15_GSM1900_GPRS (4 Tx slots)_Bottom Side_10mm_Ch810

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: MSL_1900_180317 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.571 \text{ S/m}$; $\epsilon_r = 53.995$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.9, 4.9, 4.9); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.20 W/kg

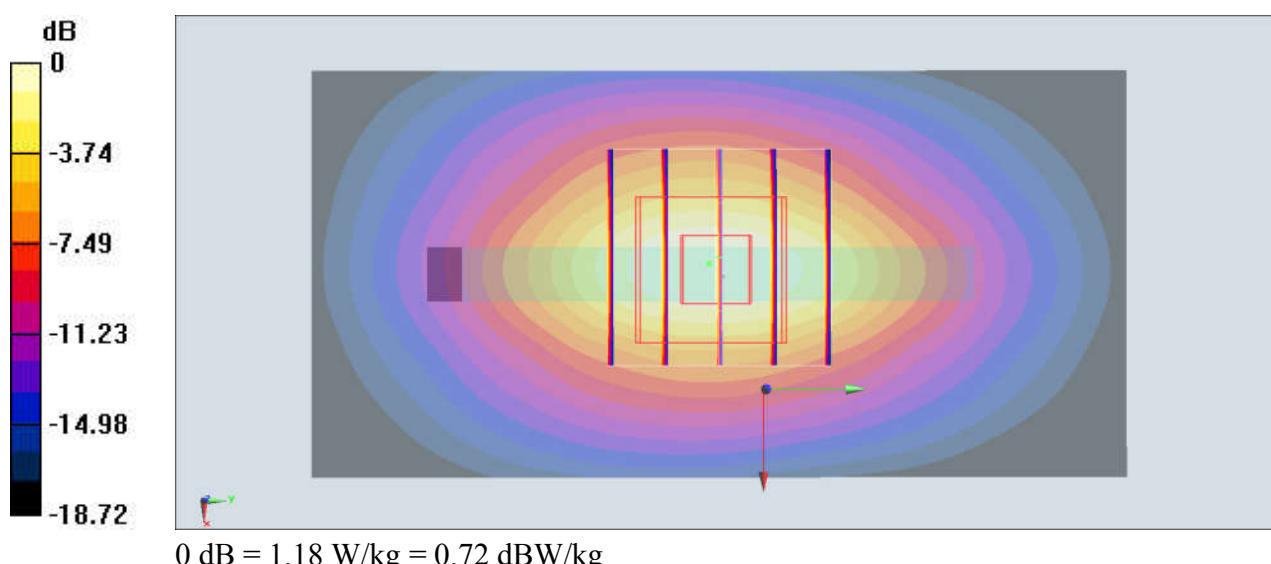
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.65 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.495 W/kg

Maximum value of SAR (measured) = 1.18 W/kg



#16_WCDMA II_RMC 12.2Kbps_Bottom Side_10mm_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_180314 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.563 \text{ S/m}$; $\epsilon_r = 51.717$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.25, 8.25, 8.25); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

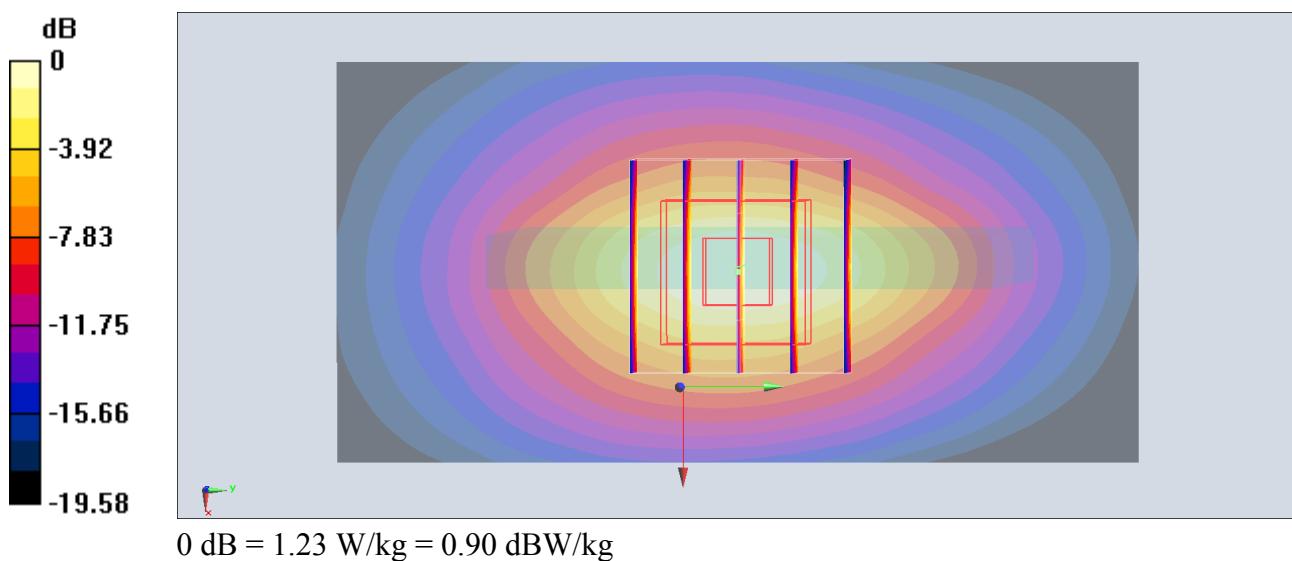
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.68 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.425 W/kg

Maximum value of SAR (measured) = 1.23 W/kg



#17_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4233

Communication System: WCDMA ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium: MSL_850_180314 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.975 \text{ S/m}$; $\epsilon_r = 56.15$; $\rho = 1000 \text{ kg/m}^3$

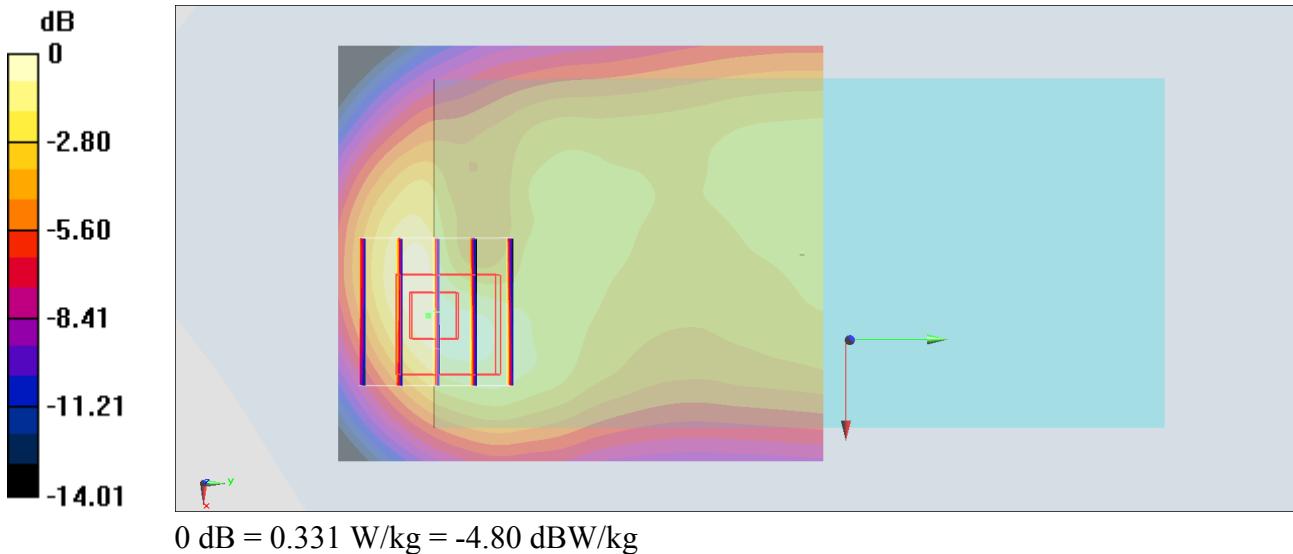
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.29, 10.29, 10.29); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.313 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 17.52 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 0.394 W/kg
SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.129 W/kg
 Maximum value of SAR (measured) = 0.331 W/kg



#18_LTE Band 5_10M_QPSK_1_49_Back_10mm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL_850_180314 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.967 \text{ S/m}$; $\epsilon_r = 56.248$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.29, 10.29, 10.29); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.397 W/kg

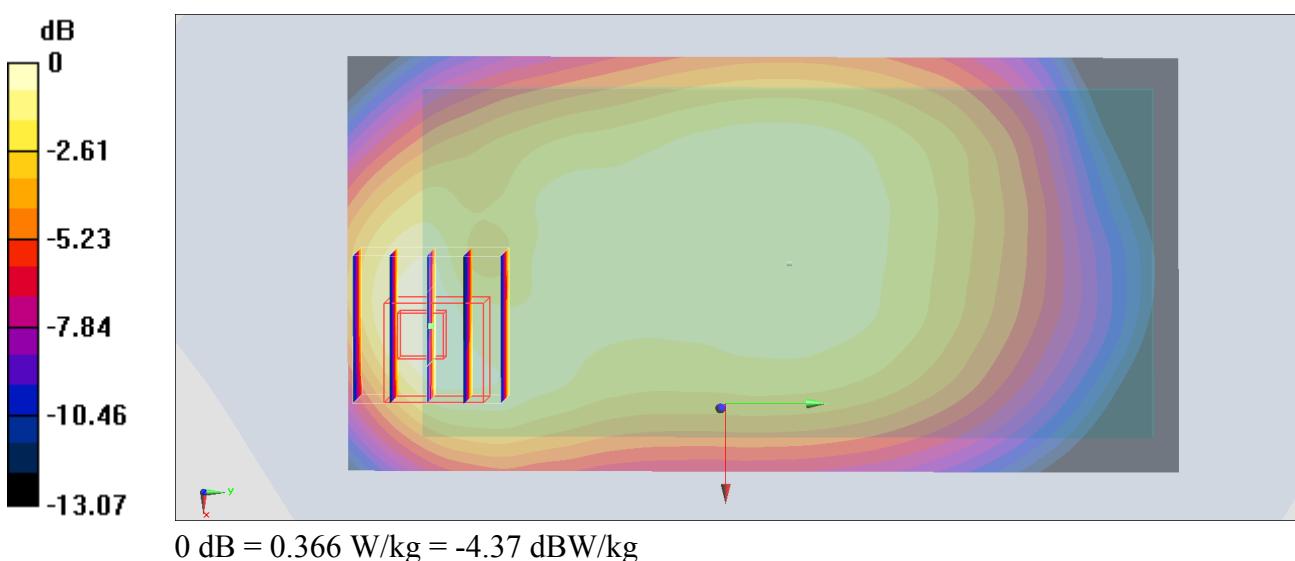
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.70 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.447 W/kg

SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.153 W/kg

Maximum value of SAR (measured) = 0.366 W/kg



#19_LTE Band 7_20M_QPSK_1_0_Bottom Side_10mm_Ch20850

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: MSL_2600_180315 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.068$ S/m; $\epsilon_r = 53.595$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.37, 7.37, 7.37); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.91 W/kg

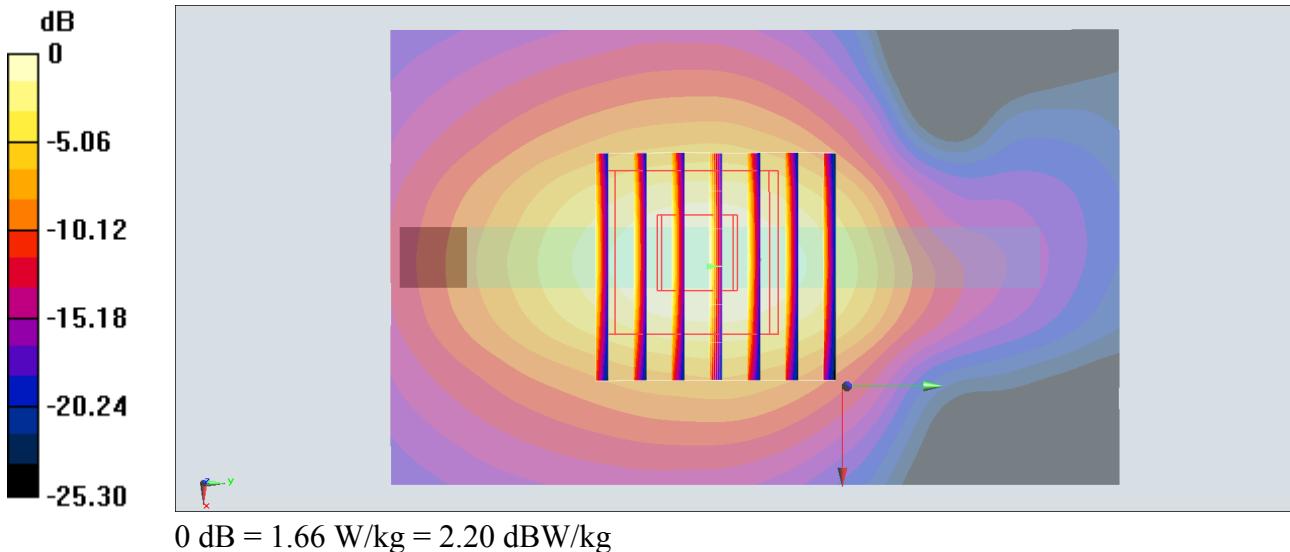
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.48 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.474 W/kg

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



#20_LTE Band 38_20M_QPSK_1_0_Bottom Side_10mm_Ch37850

Communication System: LTE TDD ; Frequency: 2580 MHz; Duty Cycle: 1:1.59

Medium: MSL_2600_180317 Medium parameters used: $f = 2580$ MHz; $\sigma = 2.185$ S/m; $\epsilon_r = 52.77$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(7.46, 7.46, 7.46); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.56 W/kg

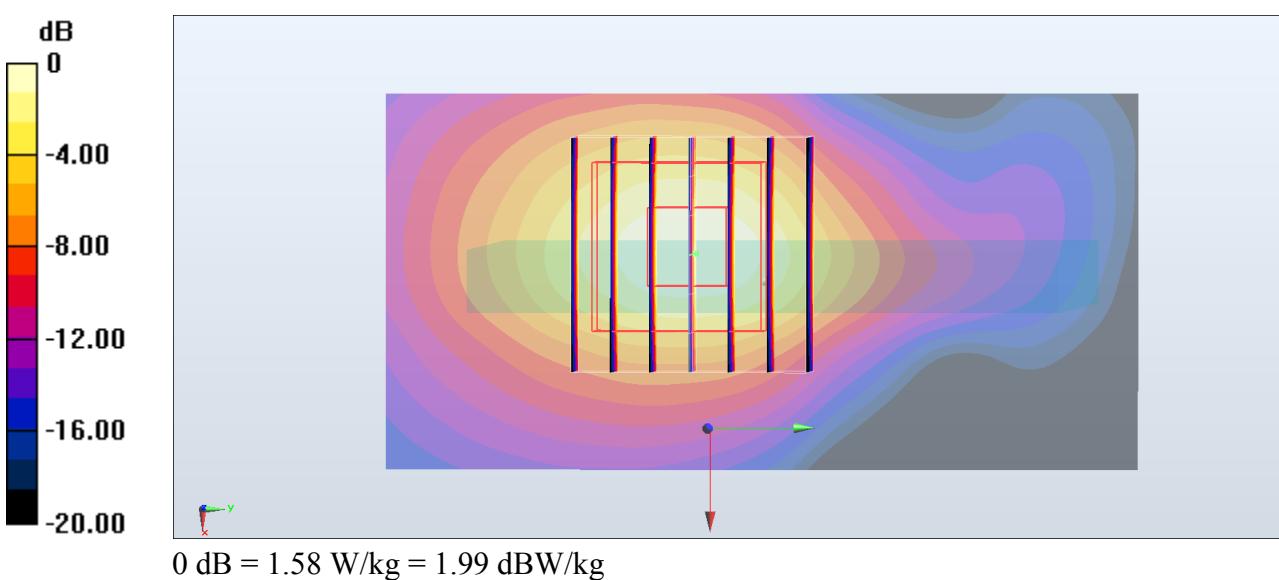
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.36 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.941 W/kg; SAR(10 g) = 0.431 W/kg

Maximum value of SAR (measured) = 1.58 W/kg



#21_LTE Band 41_20M_QPSK_1_99_Bottom Side_10mm_Ch39750

Communication System: LTE ; Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: MSL_2600_180317 Medium parameters used: $f = 2506$ MHz; $\sigma = 1.956$ S/m; $\epsilon_r = 52.044$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(4.19, 4.19, 4.19); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.925 W/kg

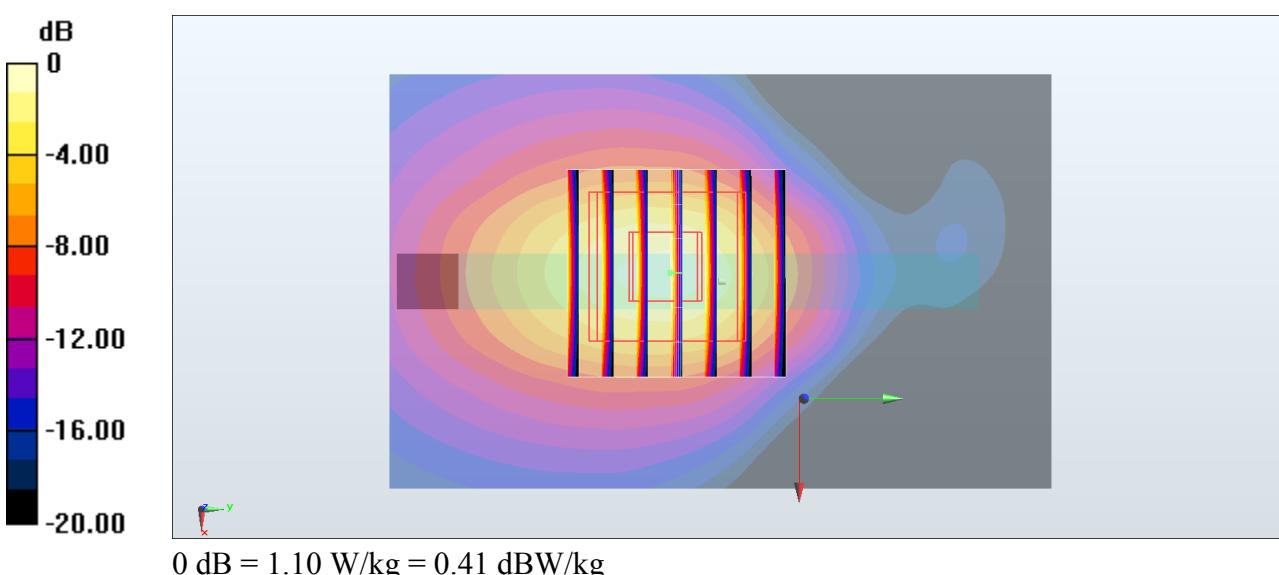
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.45 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.836 W/kg; SAR(10 g) = 0.386 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



#22_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_180319 Medium parameters used : $f = 2437 \text{ MHz}$; $\sigma = 1.991 \text{ S/m}$; $\epsilon_r = 53.032$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.39, 4.39, 4.39); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.264 W/kg

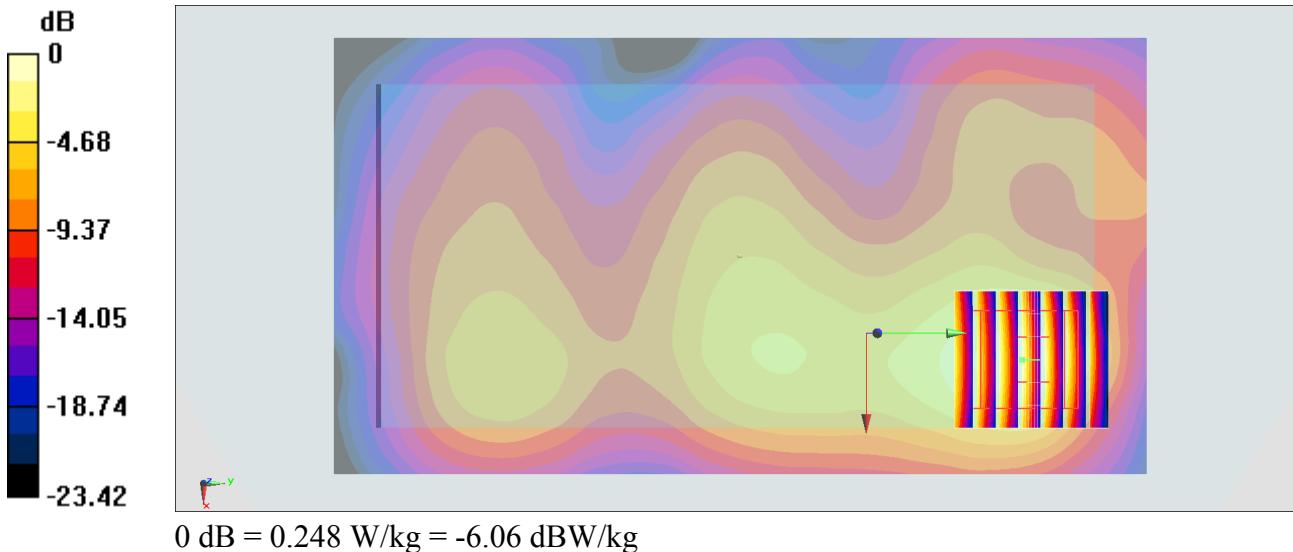
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.736 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.248 W/kg



#23_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch36

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.047

Medium: MSL_5G_180319 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.381 \text{ S/m}$; $\epsilon_r = 47.828$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.59, 4.59, 4.59); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.163 W/kg

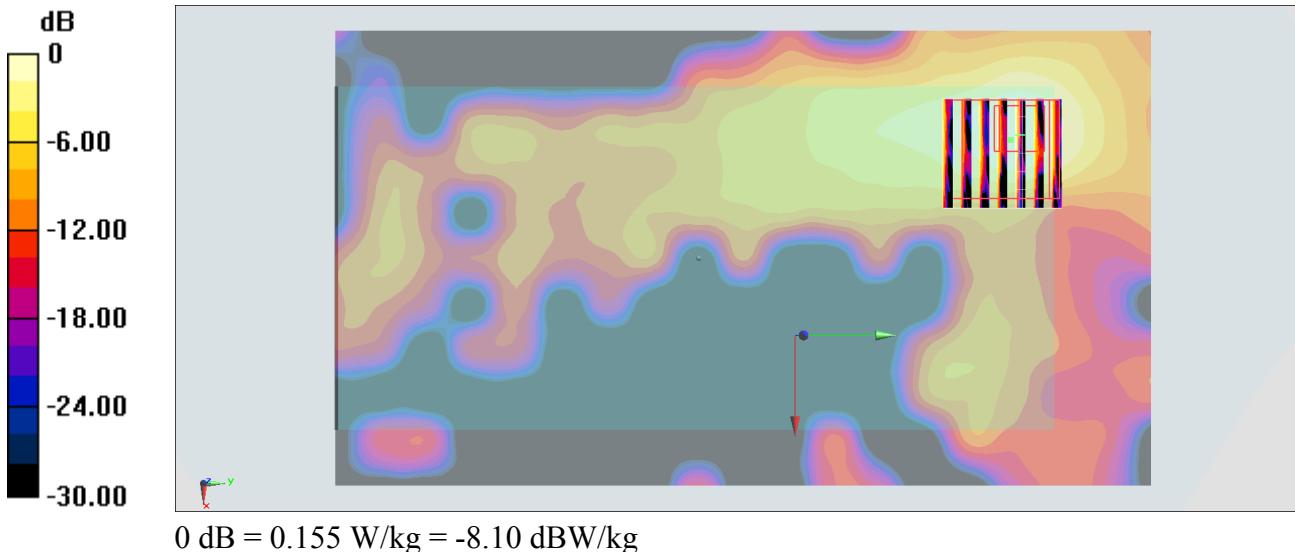
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.203 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.022 W/kg

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



#24_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch149

Communication System: 802.11a ; Frequency: 5745 MHz; Duty Cycle: 1:1.047

Medium: MSL_5G_180319 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.129 \text{ S/m}$; $\epsilon_r = 46.853$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.14, 4.14, 4.14); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x91x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.115 W/kg

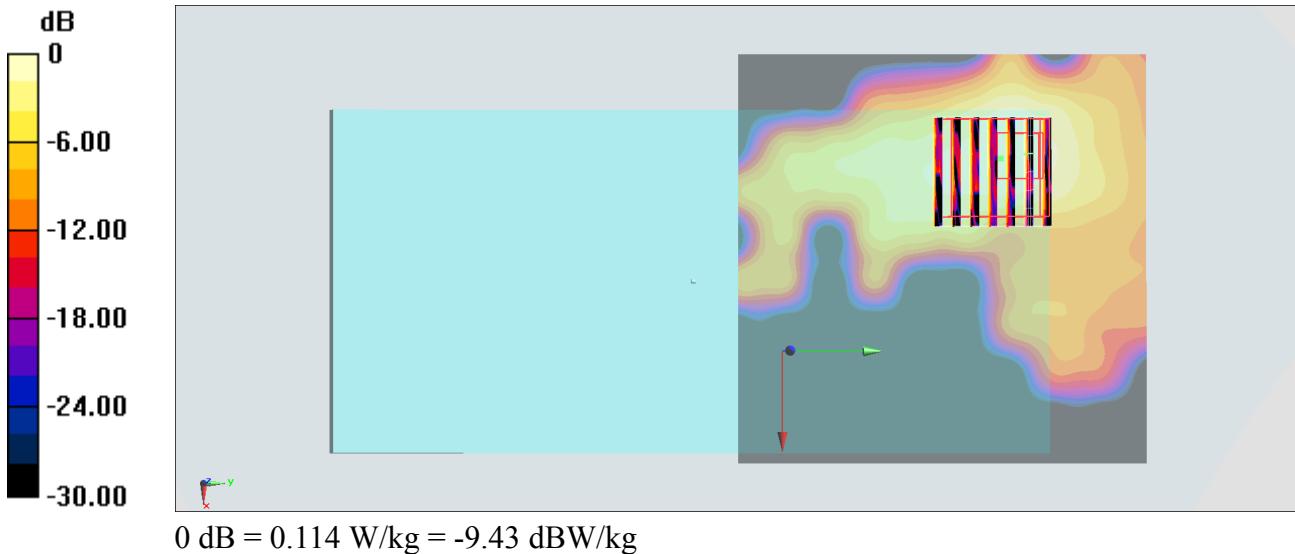
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 3.322 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.015 W/kg

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



#25_GSM1900_GPRS (4 Tx slots)_Bottom Side_0mm_Ch512

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: MSL_1900_180317 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.508 \text{ S/m}$; $\epsilon_r = 54.162$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.9, 4.9, 4.9); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 7.07 W/kg

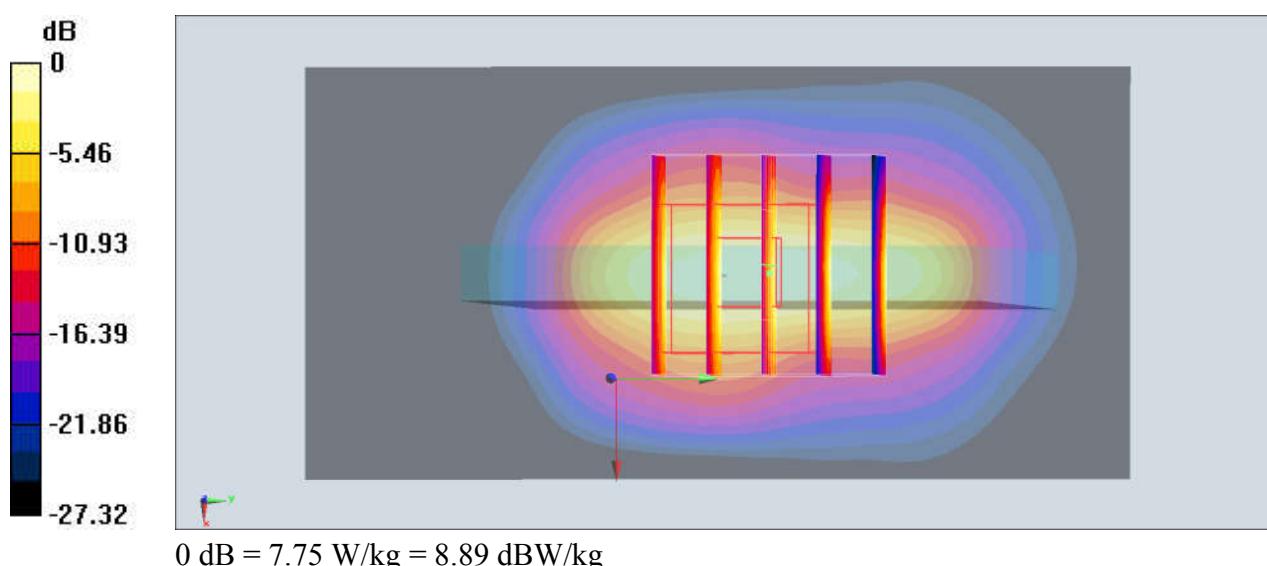
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 75.48 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 12.0 W/kg

SAR(1 g) = 5.84 W/kg; SAR(10 g) = 2.62 W/kg

Maximum value of SAR (measured) = 7.75 W/kg



#26_WCDMA II_RMC 12.2Kbps_Bottom Side_0mm_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_180314 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.501$ S/m; $\epsilon_r = 51.914$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.25, 8.25, 8.25); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 15.2 W/kg

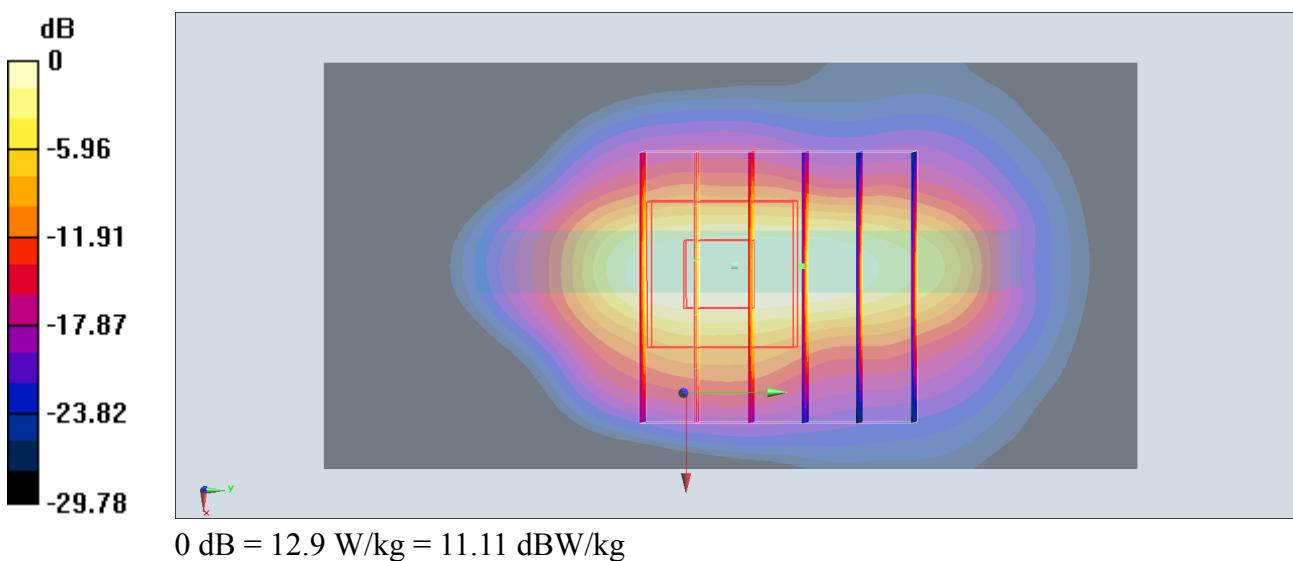
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 96.79 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 8 W/kg; SAR(10 g) = 3.54 W/kg

Maximum value of SAR (measured) = 12.9 W/kg



#27_LTE Band 7_20M_QPSK_1_0_Bottom Side_0mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: MSL_2600_180315 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.139$ S/m; $\epsilon_r = 53.387$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.37, 7.37, 7.37); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 16.3 W/kg

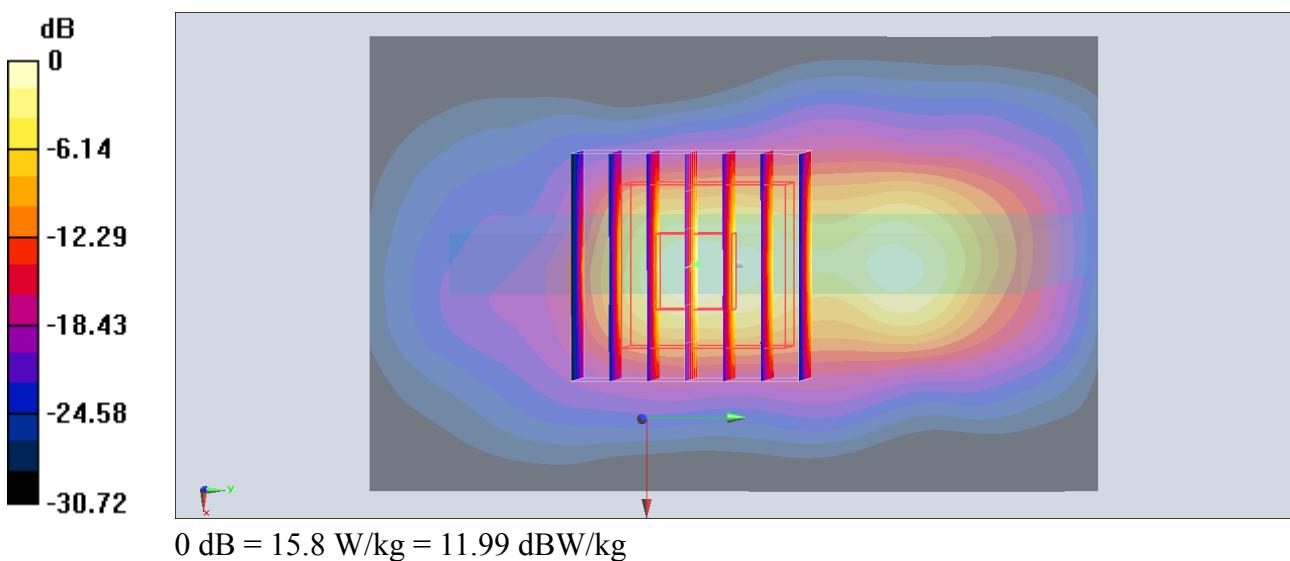
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 63.57 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 20.7 W/kg

SAR(1 g) = 7.39 W/kg; SAR(10 g) = 2.57 W/kg

Maximum value of SAR (measured) = 15.8 W/kg



#28_LTE Band 38_20M_QPSK_1_0_Bottom Side_0mm_Ch38150

Communication System: LTE ; Frequency: 2610 MHz; Duty Cycle: 1:1.59

Medium: MSL_2600_180317 Medium parameters used: $f = 2610$ MHz; $\sigma = 2.227$ S/m; $\epsilon_r = 52.672$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(7.46, 7.46, 7.46); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 11.4 W/kg

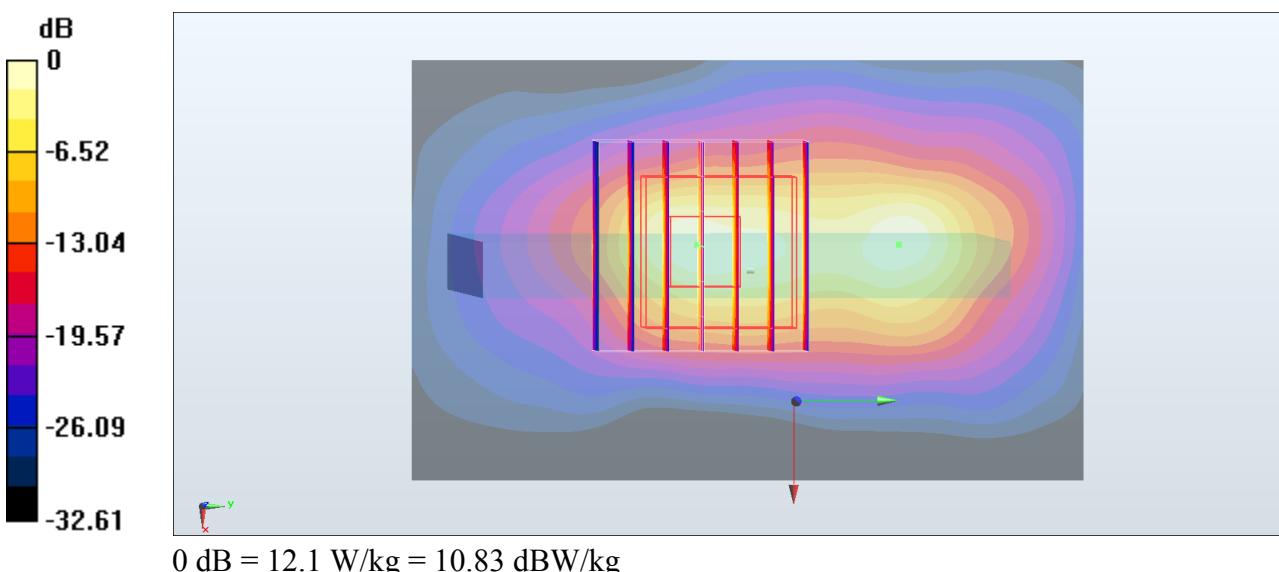
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.02 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 5.6 W/kg; SAR(10 g) = 1.92 W/kg

Maximum value of SAR (measured) = 12.1 W/kg



#29_LTE Band 41_20M_QPSK_1_99_Bottom Side_0mm_Ch41490

Communication System: LTE ; Frequency: 2680 MHz; Duty Cycle: 1:1.59

Medium: MSL_2600_180317 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.187$ S/m; $\epsilon_r = 51.435$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3976; ConvF(7.37, 7.37, 7.37); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 14.2 W/kg

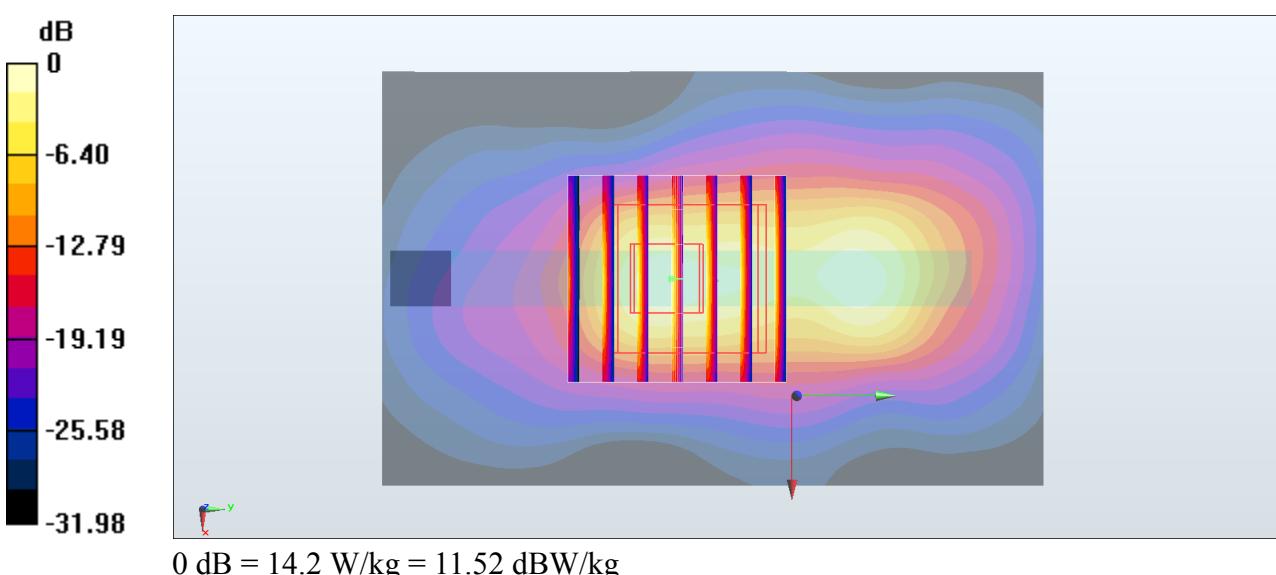
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 63.38 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 18.8 W/kg

SAR(1 g) = 6.3 W/kg; SAR(10 g) = 2.09 W/kg

Maximum value of SAR (measured) = 14.2 W/kg



#30_WLAN5GHz_802.11a 6Mbps_Front_0mm_Ch64

Communication System: 802.11a ; Frequency: 5320 MHz; Duty Cycle: 1:1.047

Medium: MSL_5G_180319 Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 5.557 \text{ S/m}$; $\epsilon_r = 47.551$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.59, 4.59, 4.59); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (101x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

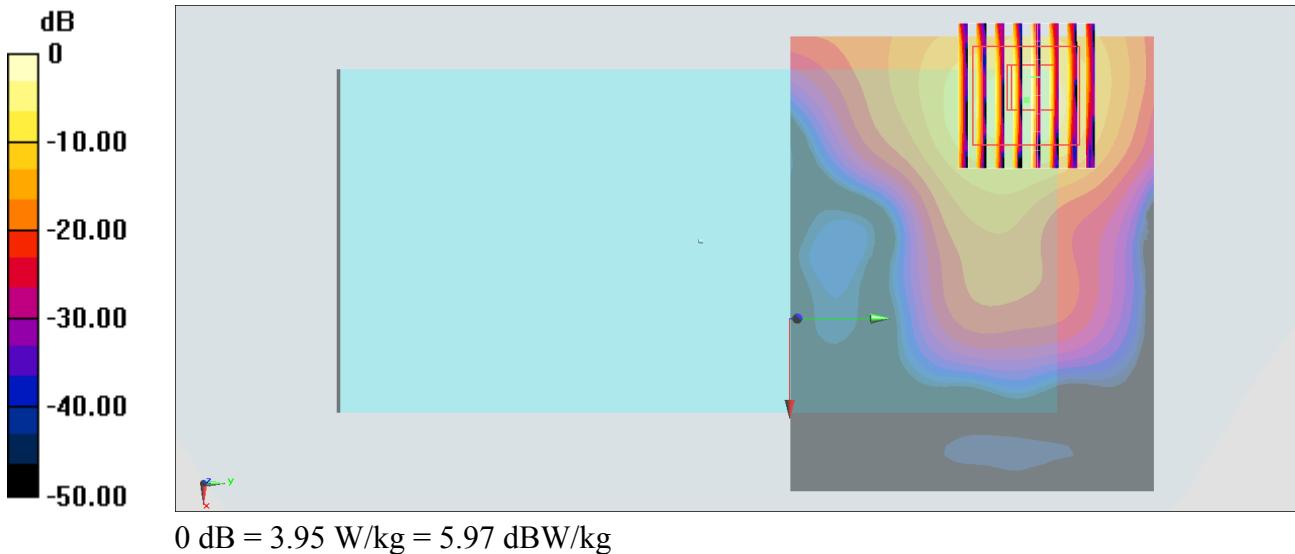
Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.70 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 7.22 W/kg

SAR(1 g) = 1.6 W/kg; SAR(10 g) = 0.470 W/kg

Maximum value of SAR (measured) = 3.95 W/kg



#31_WLAN5GHz_802.11a 6Mbps_Front_0mm_Ch100

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.047

Medium: MSL_5G_180319 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.797$ S/m; $\epsilon_r = 47.285$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (101x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

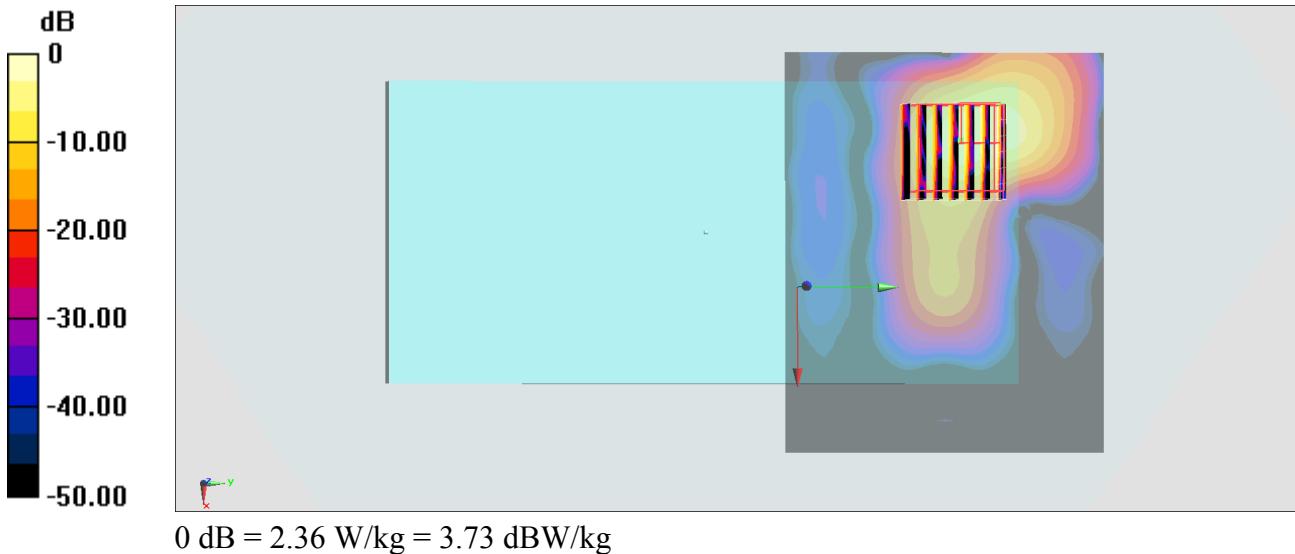
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.981 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 4.17 W/kg

SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 2.36 W/kg



#32_GSM850_GPRS (1 Tx slot)_Back_15mm_Ch251

Communication System: GSM850 ; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_850_180314 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.977 \text{ S/m}$; $\epsilon_r = 56.136$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.29, 10.29, 10.29); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

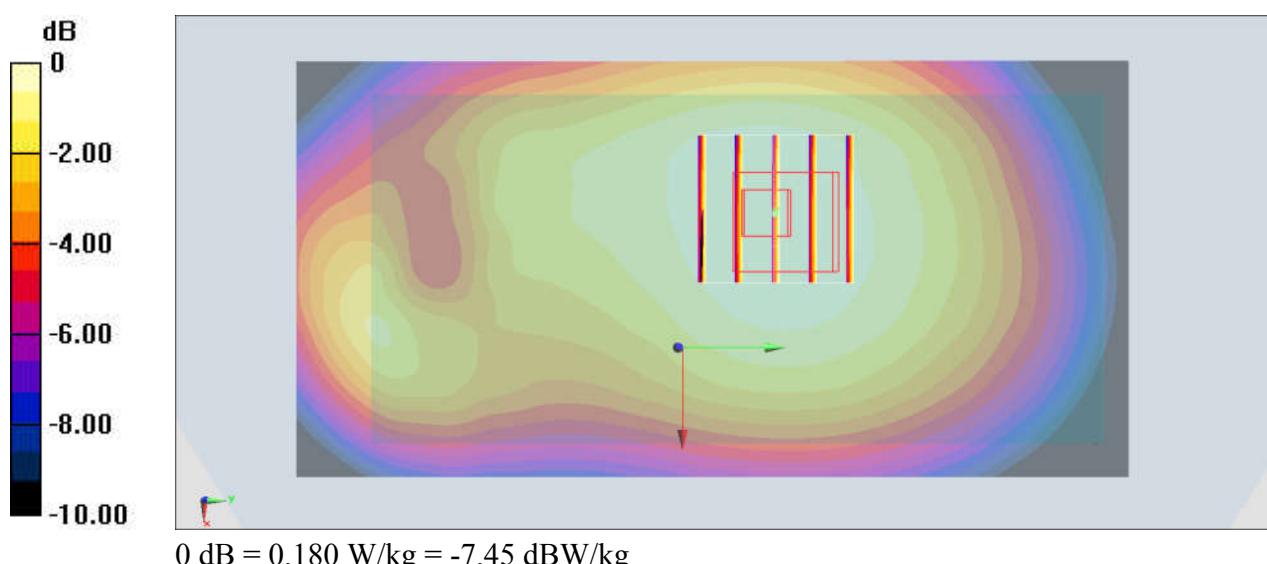
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.64 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.115 W/kg

Maximum value of SAR (measured) = 0.180 W/kg



#33_GSM1900_GPRS (4 Tx slots)_Back_15mm_Ch661

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: MSL_1900_180317 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.542 \text{ S/m}$; $\epsilon_r = 54.077$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.9, 4.9, 4.9); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.550 W/kg

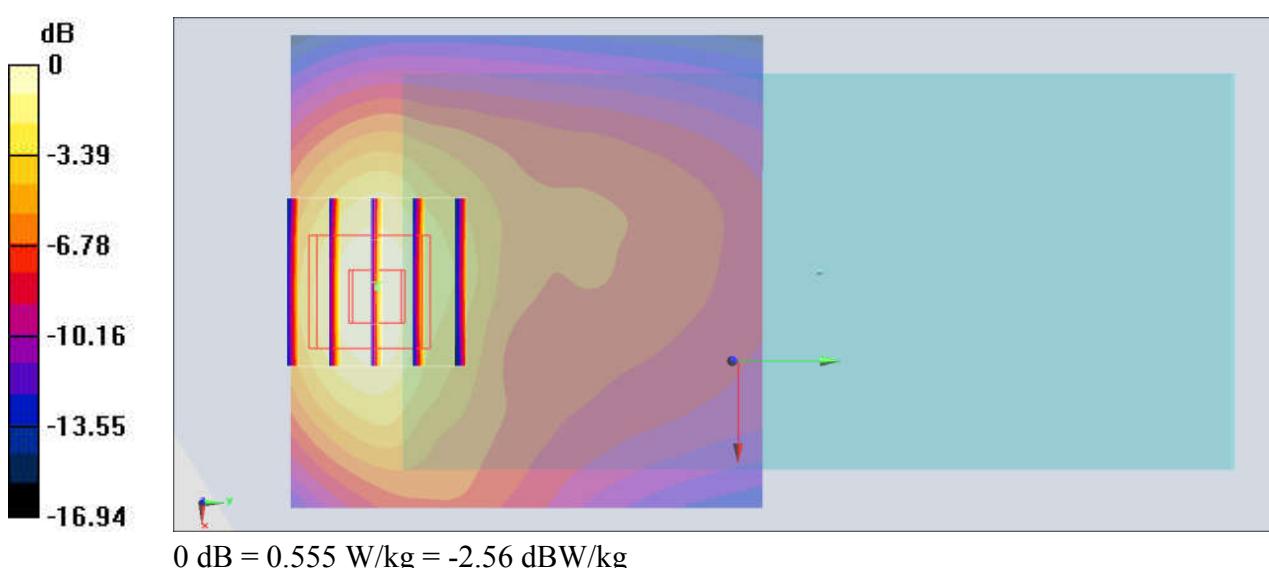
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.88 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.772 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.267 W/kg

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



#34_WCDMA II_RMC 12.2Kbps_Back_15mm_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_180314 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.501$ S/m; $\epsilon_r = 51.914$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.25, 8.25, 8.25); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.723 W/kg

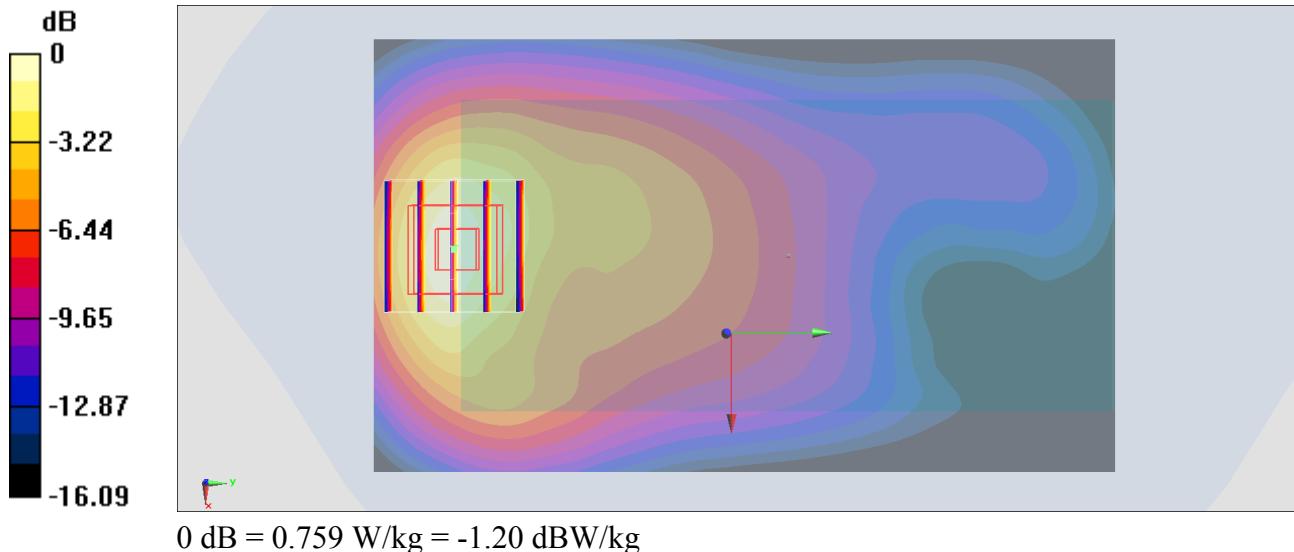
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.13 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.875 W/kg

SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 0.759 W/kg



#35_WCDMA V_RMC 12.2Kbps_Back_15mm_Ch4233

Communication System: WCDMA ; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: MSL_850_180314 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.975 \text{ S/m}$; $\epsilon_r = 56.15$; $\rho = 1000 \text{ kg/m}^3$

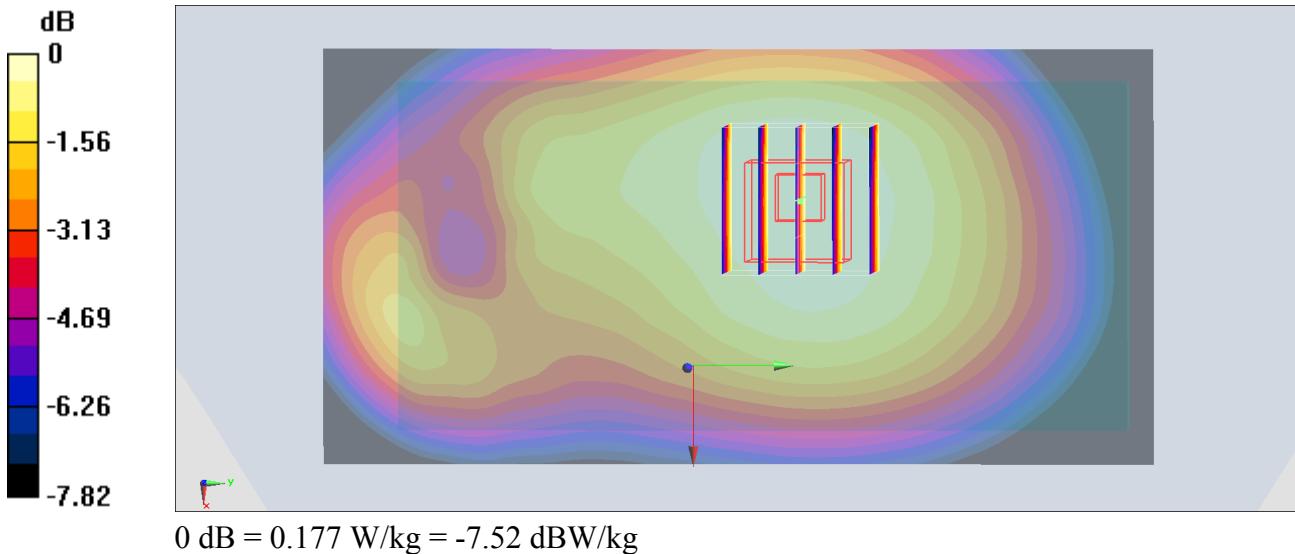
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.29, 10.29, 10.29); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.177 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.21 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.193 W/kg
SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.114 W/kg
Maximum value of SAR (measured) = 0.177 W/kg



#36_LTE Band 5_10M_QPSK_1_49_Back_15mm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL_850_180314 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 56.248$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.29, 10.29, 10.29); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.269 W/kg

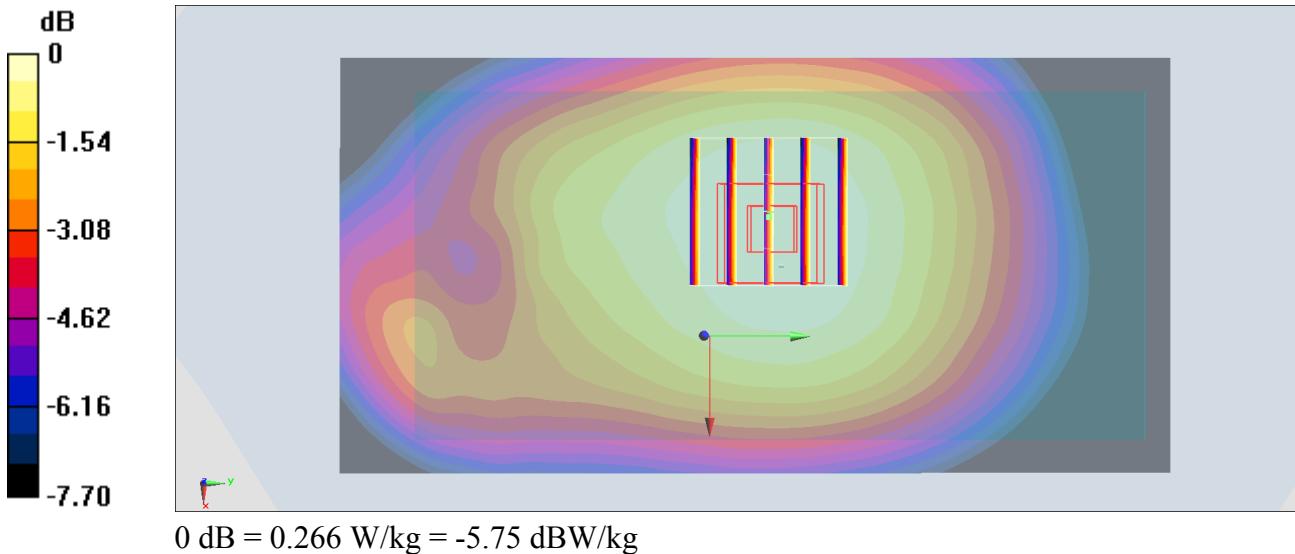
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.32 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.266 W/kg



#37_LTE Band 7_20M_QPSK_1_0_Front_15mm_Ch20850

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: MSL_2600_180315 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.068$ S/m; $\epsilon_r = 53.595$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.37, 7.37, 7.37); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.761 W/kg

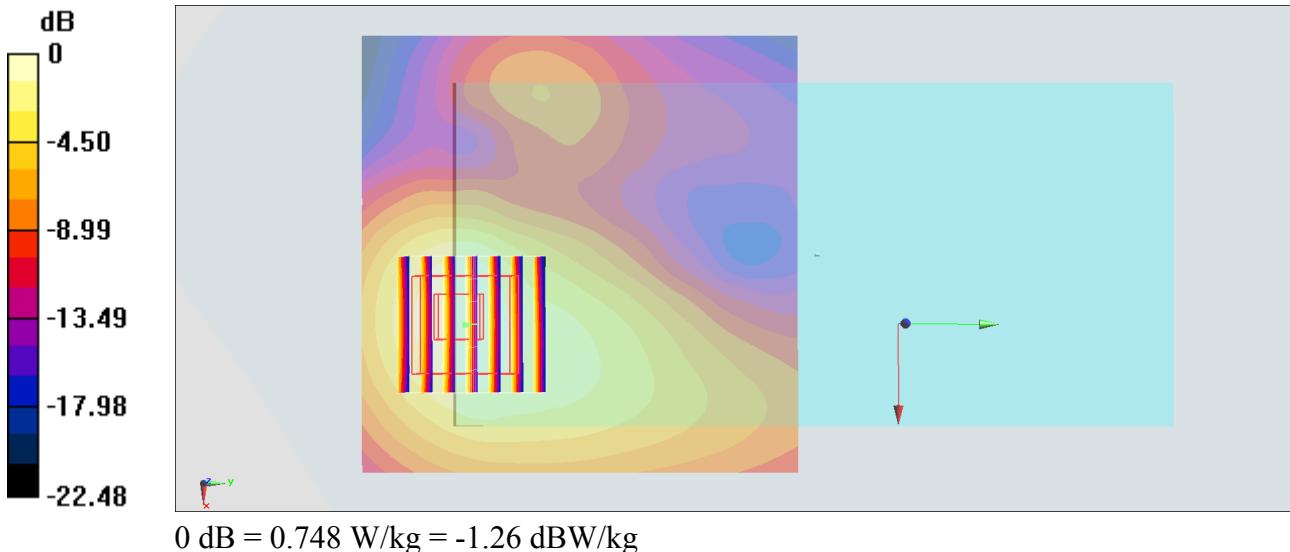
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.64 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.916 W/kg

SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 0.748 W/kg



#38_LTE Band 38_20M_QPSK_1_0_Front_15mm_Ch37850

Communication System: LTE ; Frequency: 2580 MHz; Duty Cycle: 1:1.59

Medium: MSL_2600_180317 Medium parameters used: $f = 2580$ MHz; $\sigma = 2.185$ S/m; $\epsilon_r = 52.77$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(7.46, 7.46, 7.46); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.603 W/kg

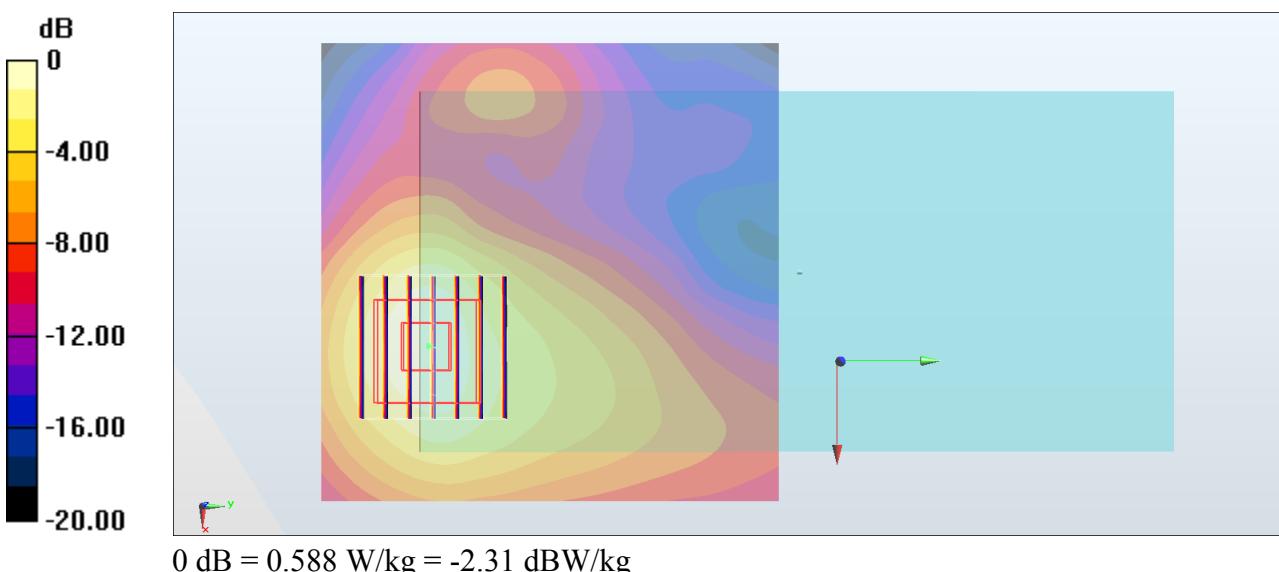
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.66 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.727 W/kg

SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.588 W/kg



#39_LTE Band 41_20M_QPSK_1_0_Front_15mm_Ch39750

Communication System: LTE ; Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: MSL_2600_180317 Medium parameters used: $f = 2506 \text{ MHz}$; $\sigma = 1.956 \text{ S/m}$; $\epsilon_r = 52.044$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(4.19, 4.19, 4.19); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x81x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.518 W/kg

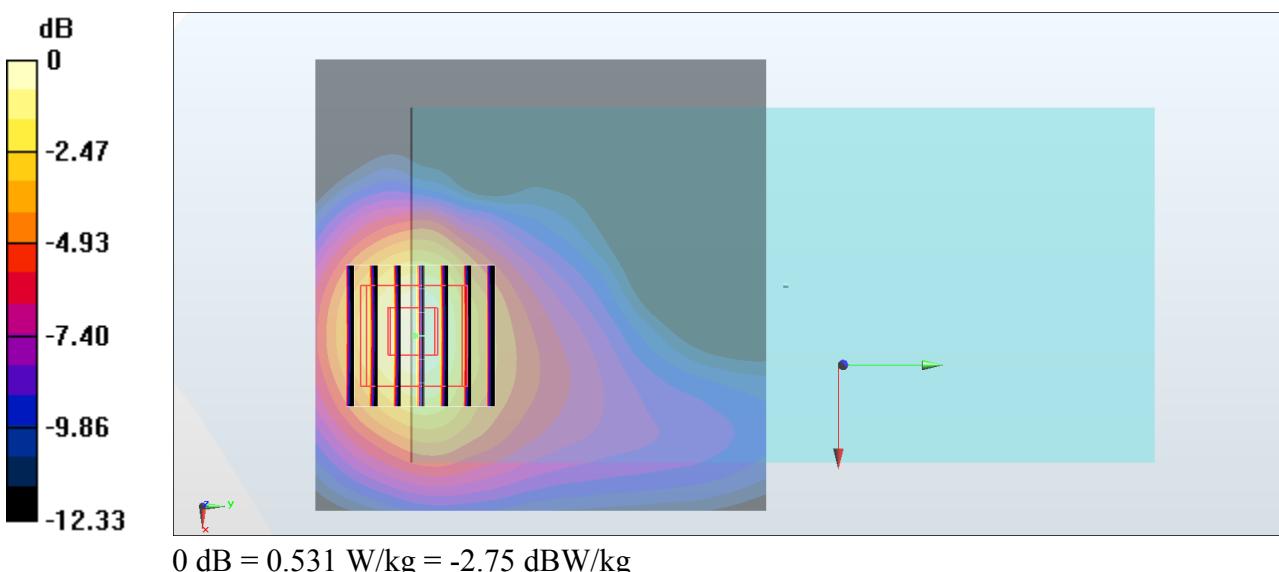
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.27 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.782 W/kg

SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.531 W/kg



#40_WLAN2.4GHz_802.11b 1Mbps_Back_15mm_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_180319 Medium parameters used : $f = 2437 \text{ MHz}$; $\sigma = 1.991 \text{ S/m}$; $\epsilon_r = 53.032$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.39, 4.39, 4.39); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

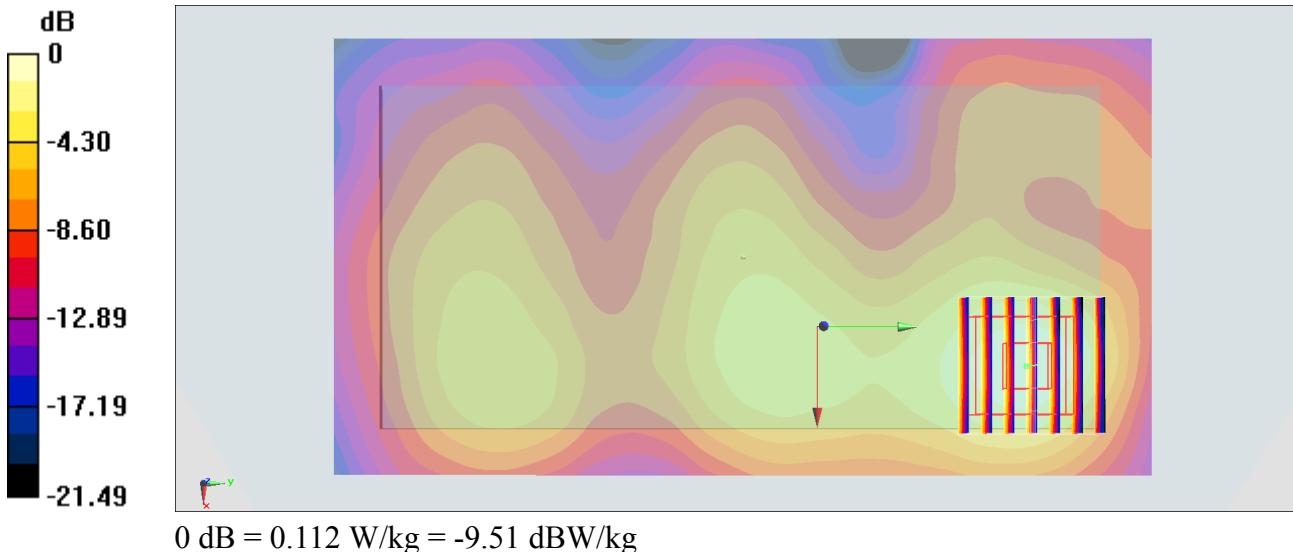
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.494 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.112 W/kg



#41_WLAN5GHz_802.11a 6Mbps_Front_15mm_Ch64

Communication System: 802.11a ; Frequency: 5320 MHz; Duty Cycle: 1:1.047

Medium: MSL_5G_180319 Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 5.557 \text{ S/m}$; $\epsilon_r = 47.551$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.59, 4.59, 4.59); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0904 W/kg

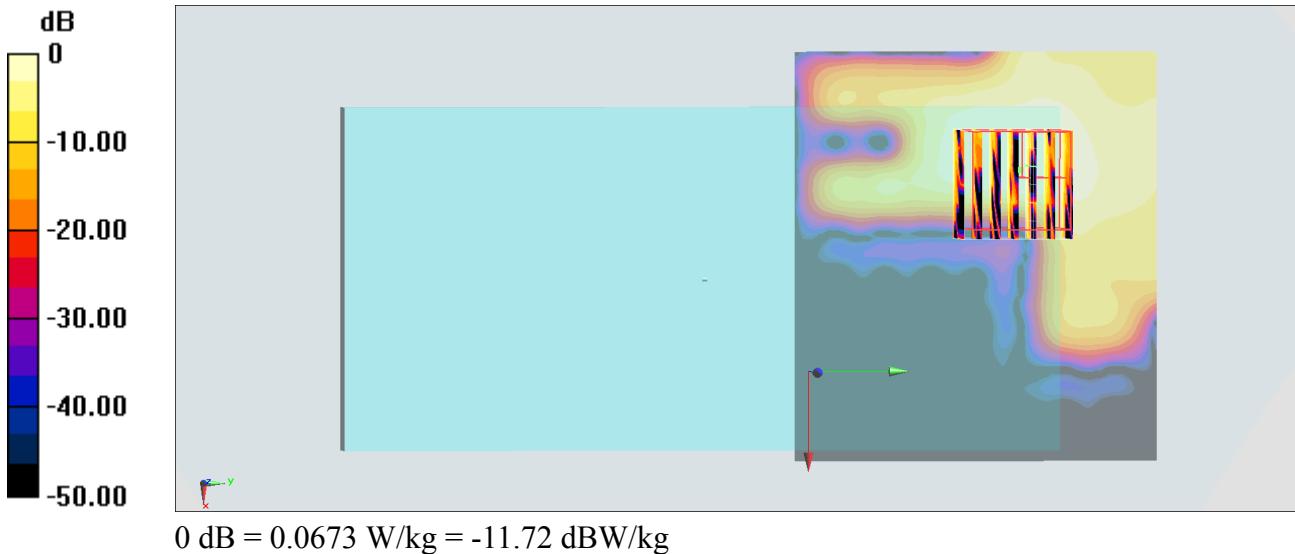
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.228 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.00784 W/kg

Maximum value of SAR (measured) = 0.0673 W/kg



#42_WLAN5GHz_802.11a 6Mbps_Front_15mm_Ch100

Communication System: 802.11a ; Frequency: 5500 MHz; Duty Cycle: 1:1.047

Medium: MSL_5G_180319 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.797$ S/m; $\epsilon_r = 47.285$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0467 W/kg

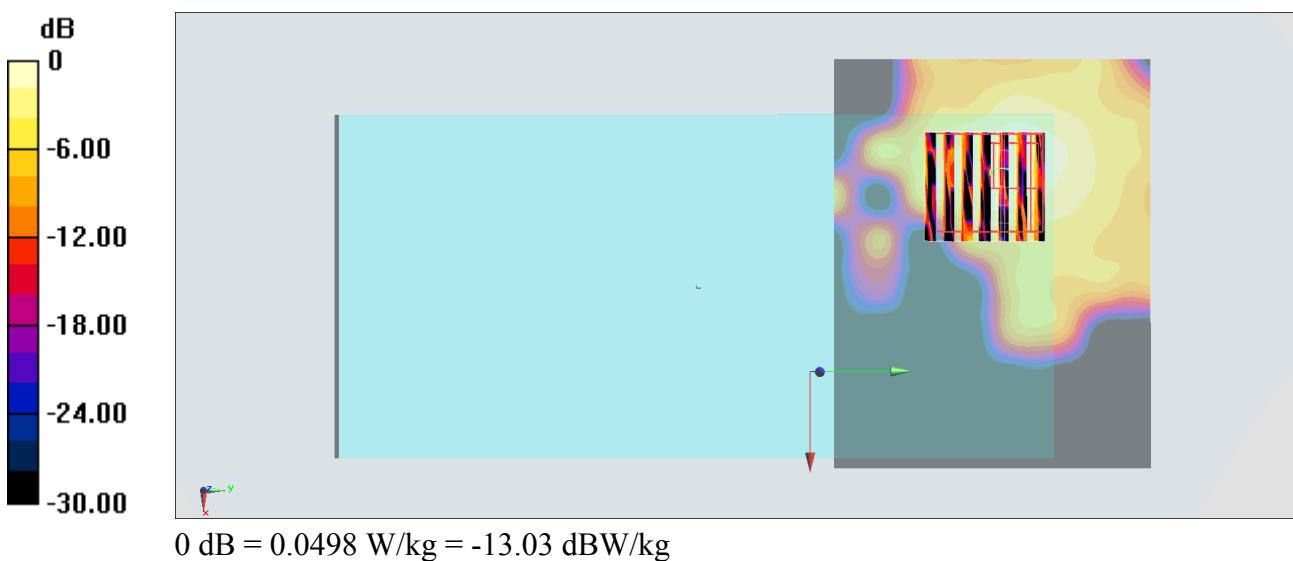
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.912 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00535 W/kg

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



#43_WLAN5GHz_802.11a 6Mbps_Front_15mm_Ch149

Communication System: 802.11a ; Frequency: 5745 MHz; Duty Cycle: 1:1.047

Medium: MSL_5G_180319 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.129 \text{ S/m}$; $\epsilon_r = 46.853$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.14, 4.14, 4.14); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (101x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0956 W/kg

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

Reference Value = 0.7240 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.00858 W/kg

Maximum value of SAR (measured) = 0.0651 W/kg

