

13_LTE Band 2_20M_QPSK_1RB_99Offset_Right Cheek_Ch18900

Communication System: UID 0, LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900_180416 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.435$ S/m; $\epsilon_r = 40.161$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(8.43, 8.43, 8.43); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18900/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.236 W/kg

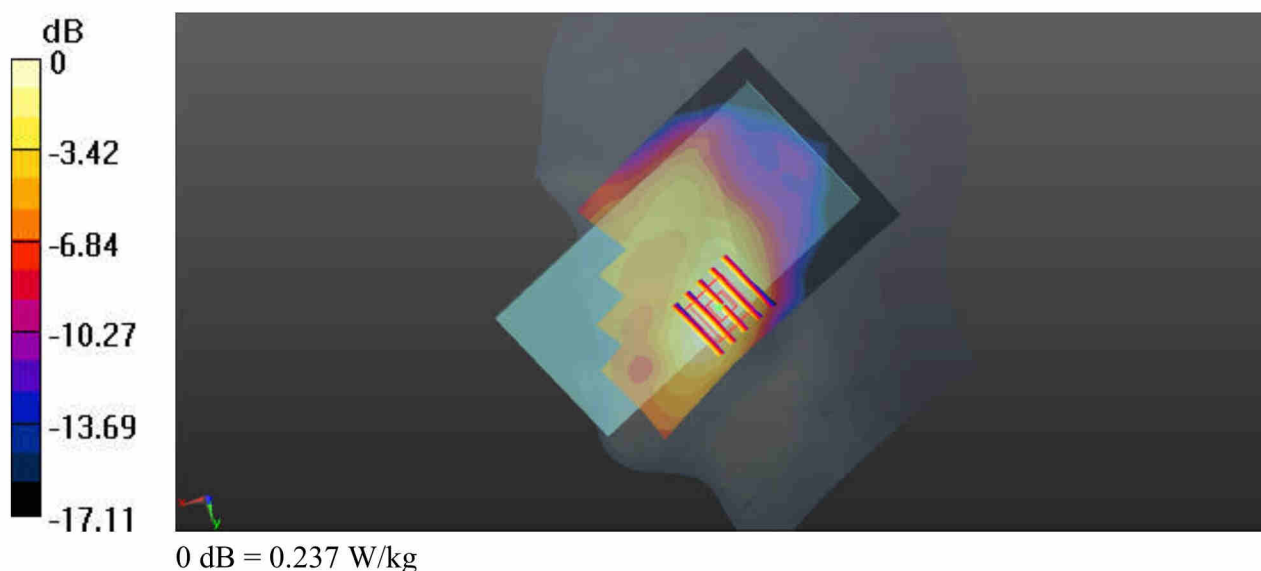
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.5690 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.285 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.237 W/kg



14_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch1

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz; Duty Cycle: 1:1.022

Medium: HSL_2450_180425 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.791$ S/m; $\epsilon_r = 39.777$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.53, 7.53, 7.53); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (81x151x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.14 W/kg

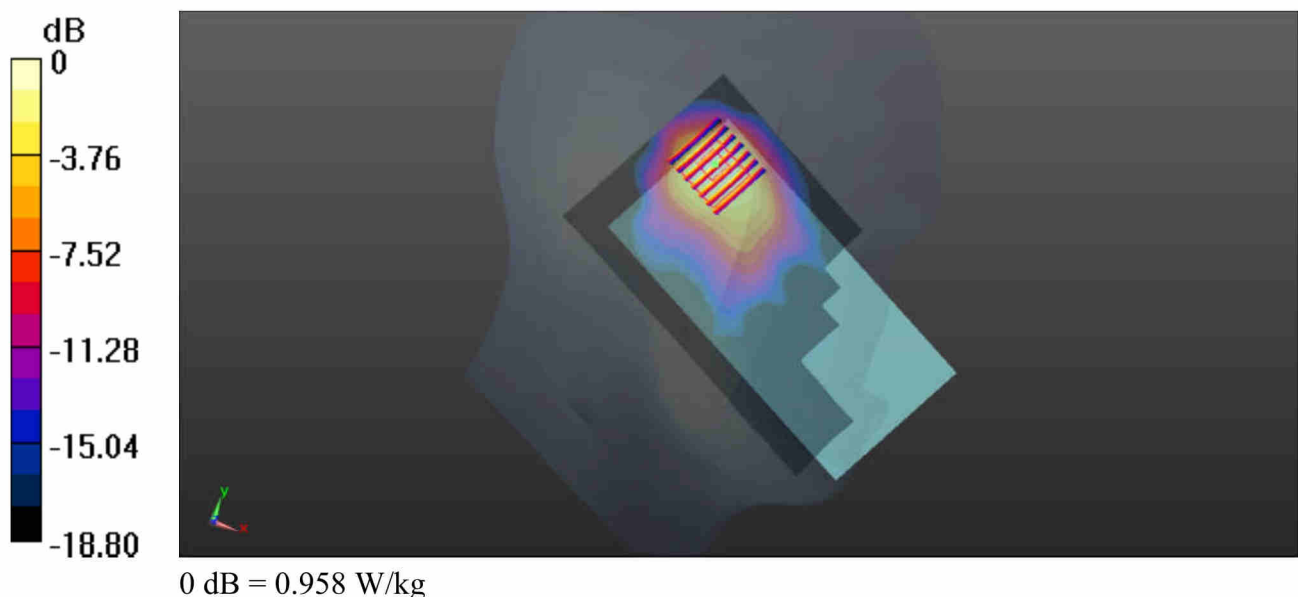
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.7970 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.366 W/kg

Maximum value of SAR (measured) = 0.958 W/kg



15_WLAN5.3GHz_802.11a_6Mbps_Left Cheek_Ch60

Communication System: UID 0, WIFI (0); Frequency: 5300 MHz; Duty Cycle: 1:1.143

Medium: HSL_5250_180425 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.775$ S/m; $\epsilon_r = 36.195$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(5.25, 5.25, 5.25); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch60/Area Scan (91x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.34 W/kg

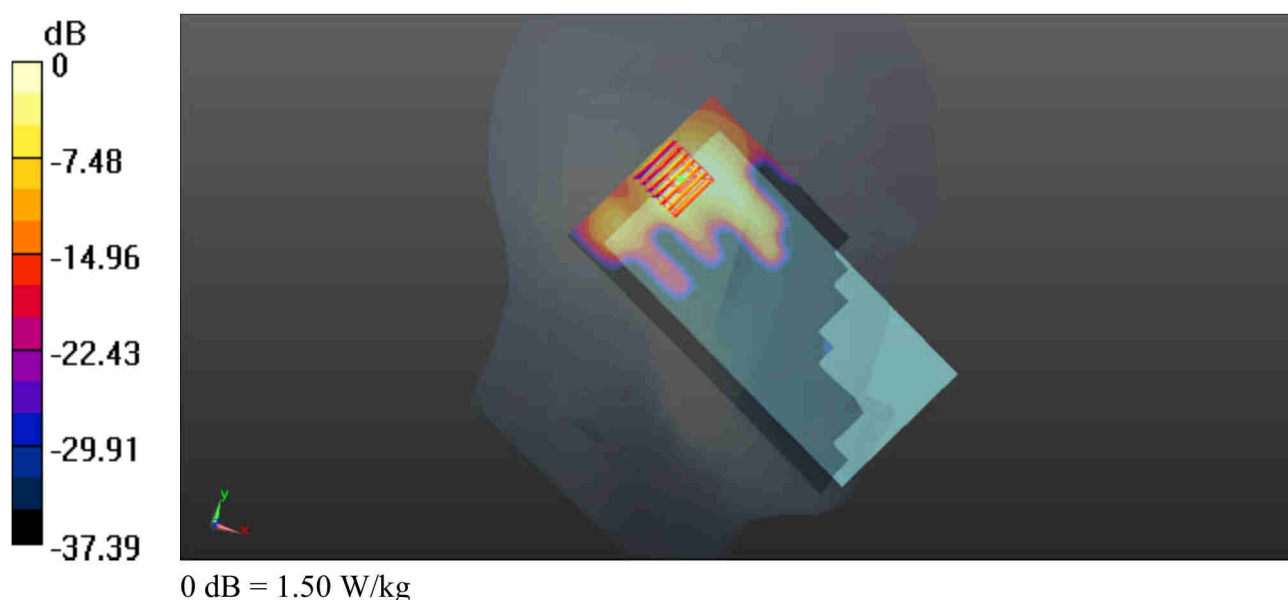
Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.230 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 0.674 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 1.50 W/kg



16_WLAN5.5GHz_802.11a_6Mbps_Left Cheek_Ch132

Communication System: UID 0, WIFI (0); Frequency: 5660 MHz; Duty Cycle: 1:1.143

Medium: HSL_5600_180425 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.206$ S/m; $\epsilon_r = 35.539$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(4.6, 4.6, 4.6); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132/Area Scan (91x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.631 W/kg

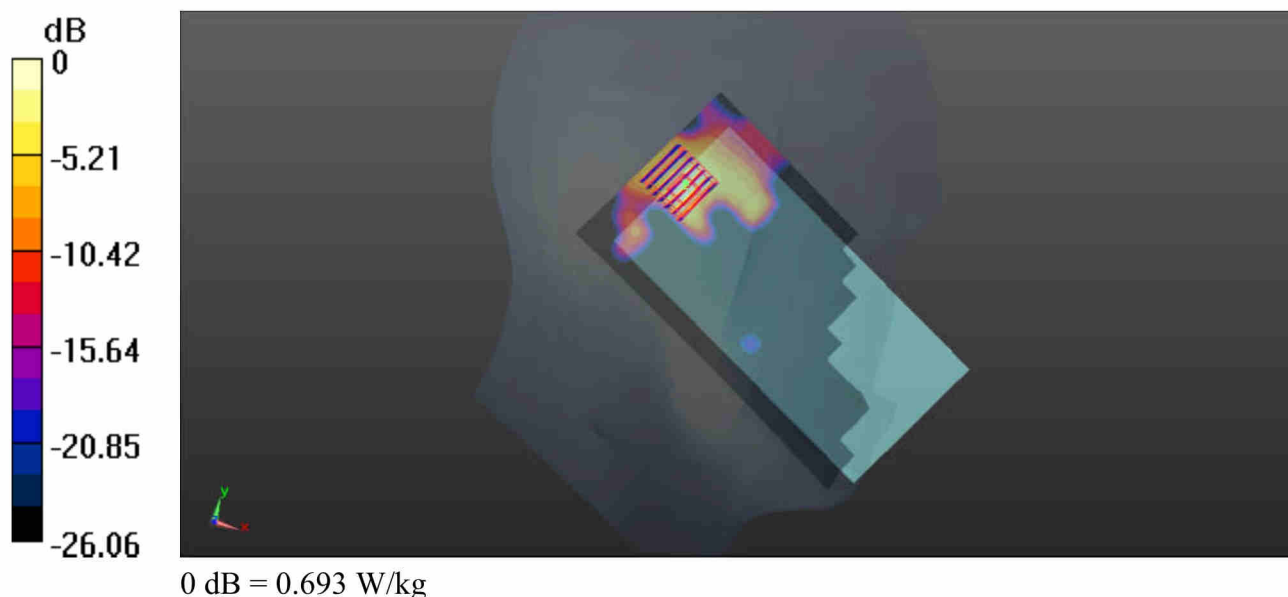
Ch132/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.566 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.085 W/kg

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



17_WLAN5.8GHz_802.11a_6Mbps_Left Tilted_Ch149

Communication System: UID 0, WIFI (0); Frequency: 5745 MHz; Duty Cycle: 1:1.143

Medium: HSL_5750_180425 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.305$ S/m; $\epsilon_r = 35.363$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(4.93, 4.93, 4.93); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch149/Area Scan (91x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.657 W/kg

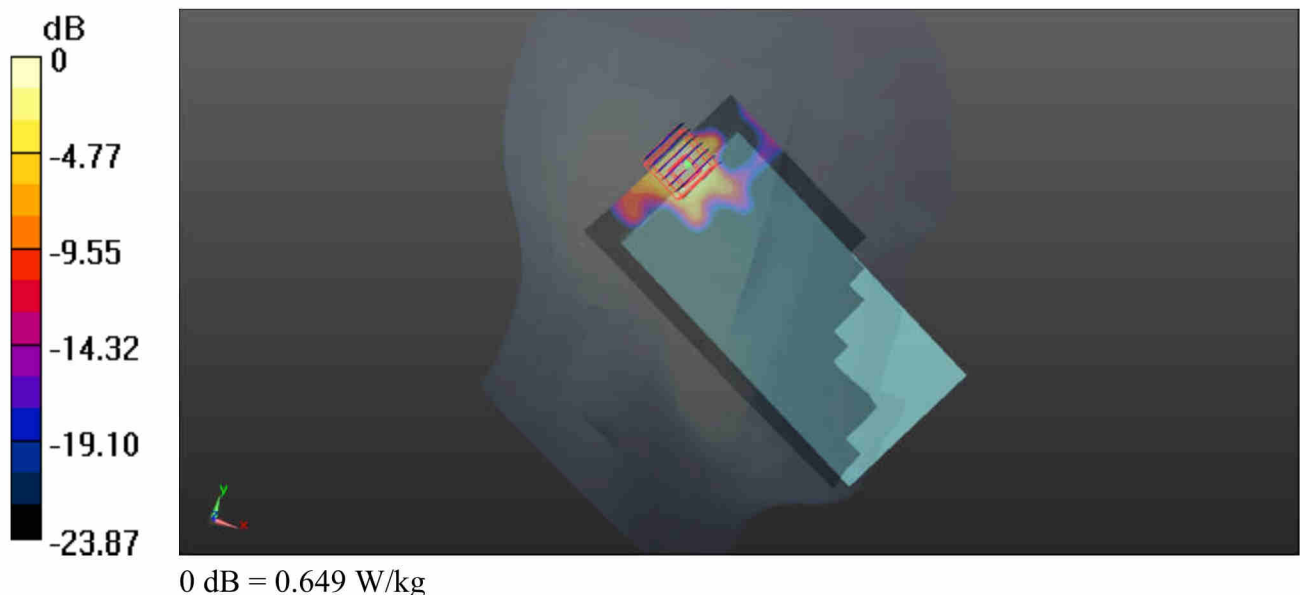
Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.669 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.41 W/kg

SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.649 W/kg



18_GSM850_GPRS(4 Tx slots)_Front_5mm_Ch251

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.08
Medium: MSL_835_180417 Medium parameters used: $f = 848.8$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 53.954$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(10.19, 10.19, 10.19); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.08 W/kg

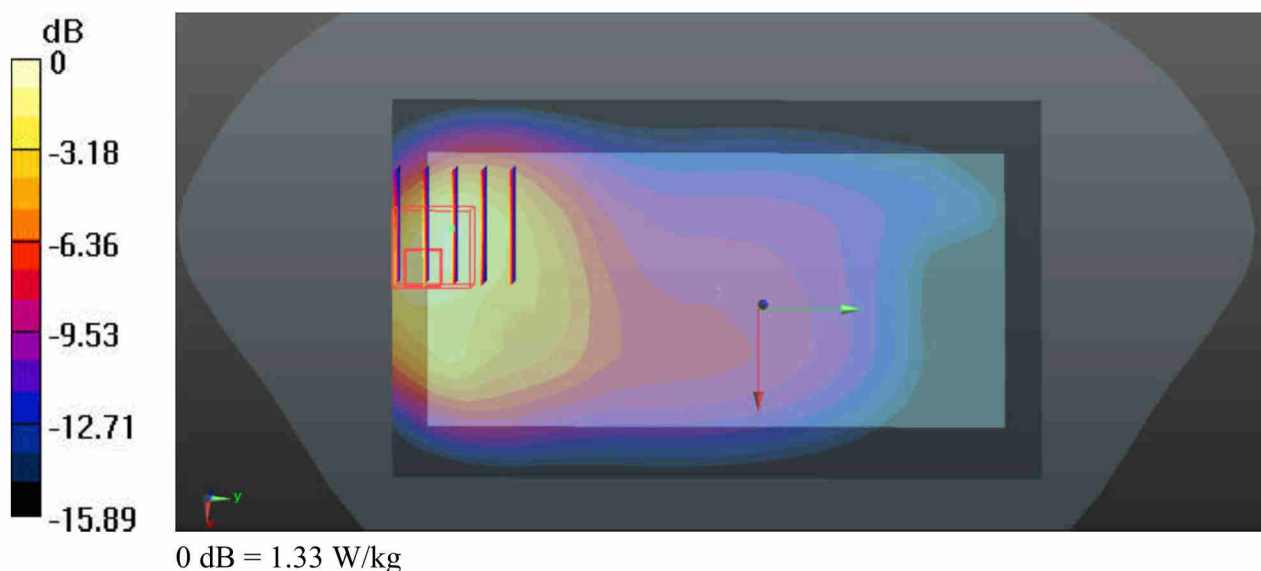
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.158 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.473 W/kg

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



19_GSM1900_GPRS(1 Tx slot)_Bottom Side_5mm_Ch810

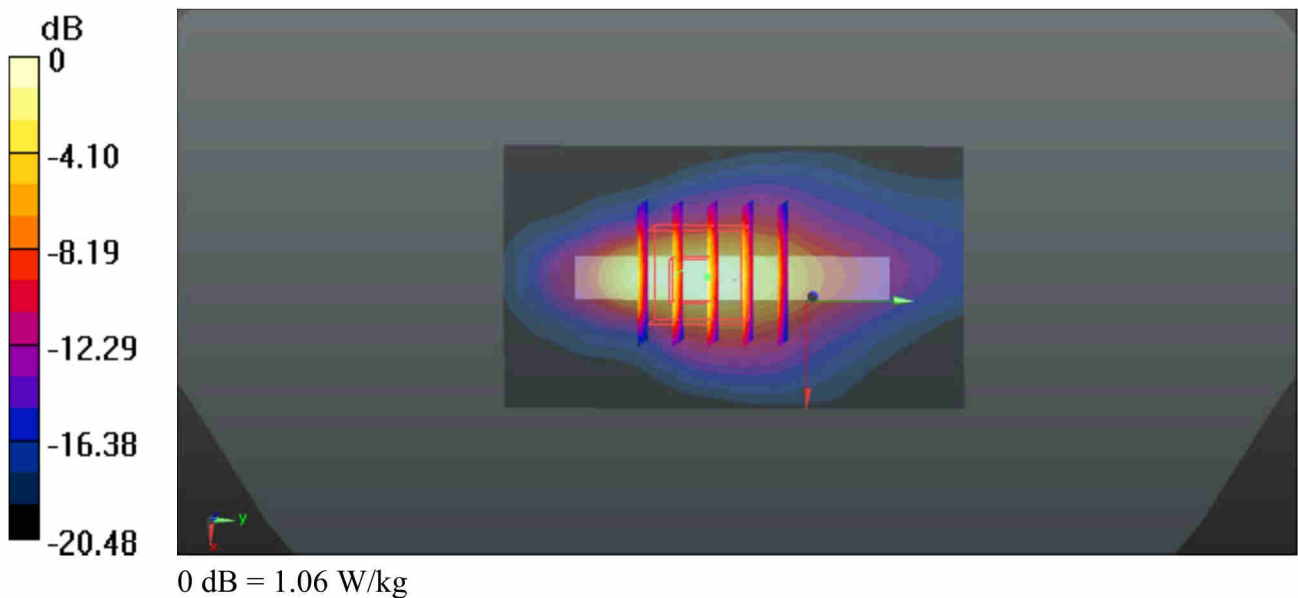
Communication System: UID 0, Generic GSM (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
 Medium: MSL_1900_180426 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.557$ S/m; $\epsilon_r = 53.783$;
 $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.02, 8.02, 8.02); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch810/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.11 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 1.976 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.372 W/kg
 Maximum value of SAR (measured) = 1.06 W/kg



20_WCDMA Band V_RMC 12.2Kbps_Front_5mm_Ch4233

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

Medium: MSL_835_180424 Medium parameters used: $f = 846.6$ MHz; $\sigma = 1.008$ S/m; $\epsilon_r = 54.264$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.09, 10.09, 10.09); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.27 W/kg

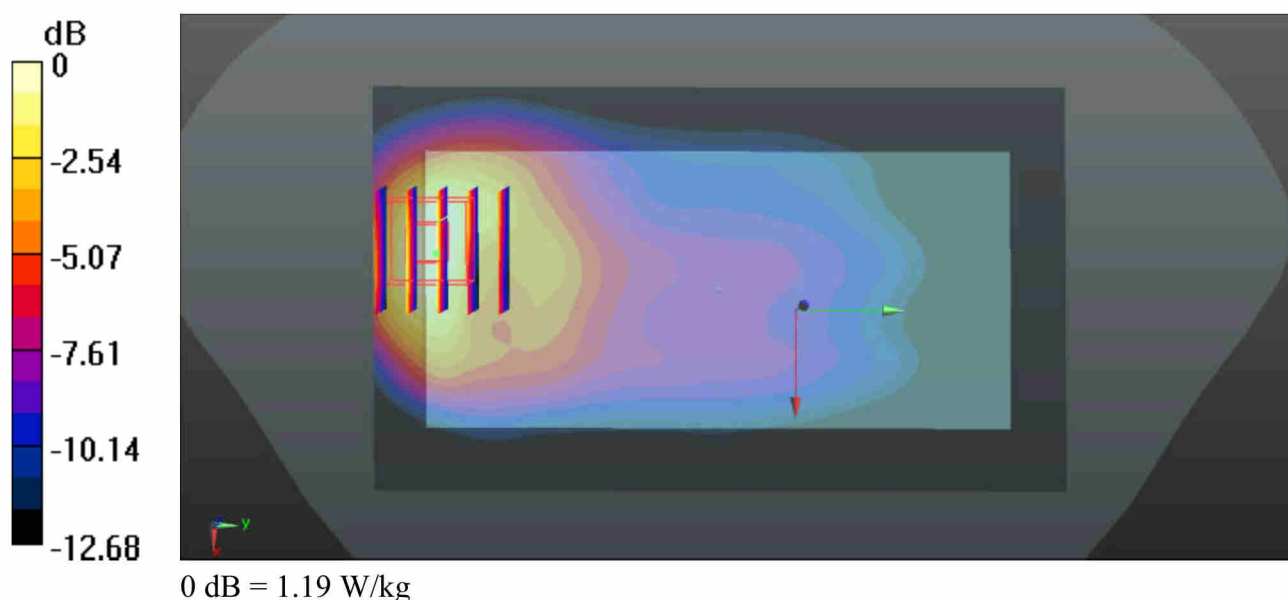
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.680 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.863 W/kg; SAR(10 g) = 0.480 W/kg

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



21_WCDMA Band IV_RMC 12.2Kbps_Bottom Side_5mm_Ch1513

Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium: MSL_1750_180426 Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.531$ S/m; $\epsilon_r = 51.987$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.28, 8.28, 8.28); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1513/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.36 W/kg

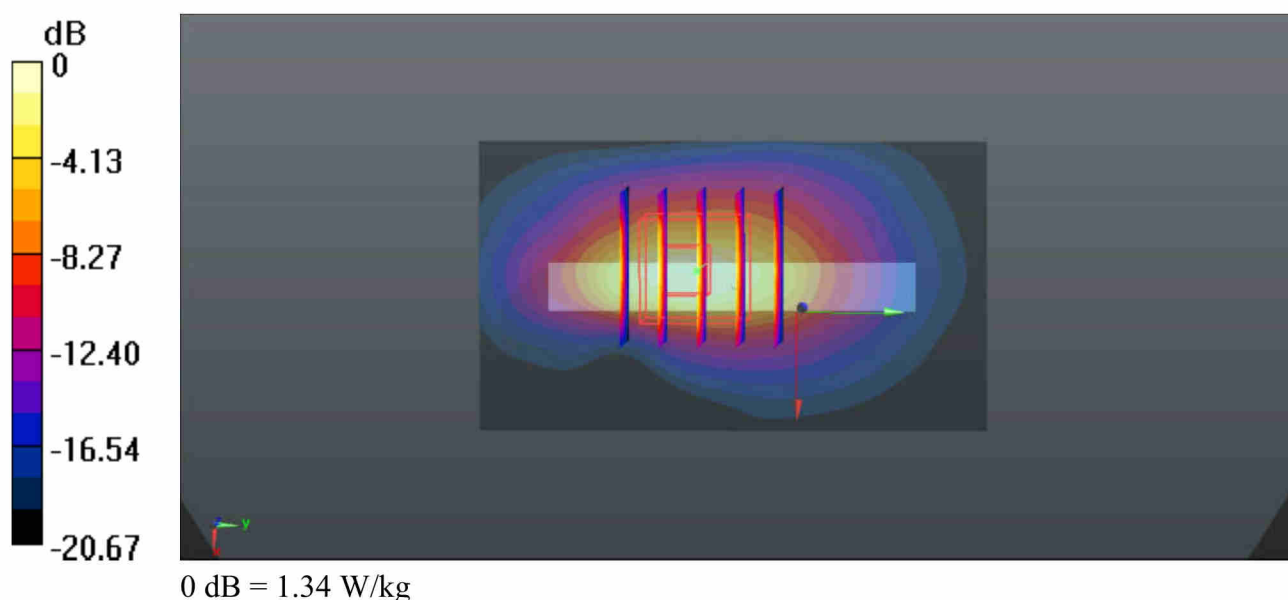
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.510 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.415 W/kg

Maximum value of SAR (measured) = 1.34 W/kg



22_WCDMA Band II_RMC 12.2Kbps_Bottom Side_5mm_Ch9538

Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_180426 Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 53.787$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.02, 8.02, 8.02); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9538/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.49 W/kg

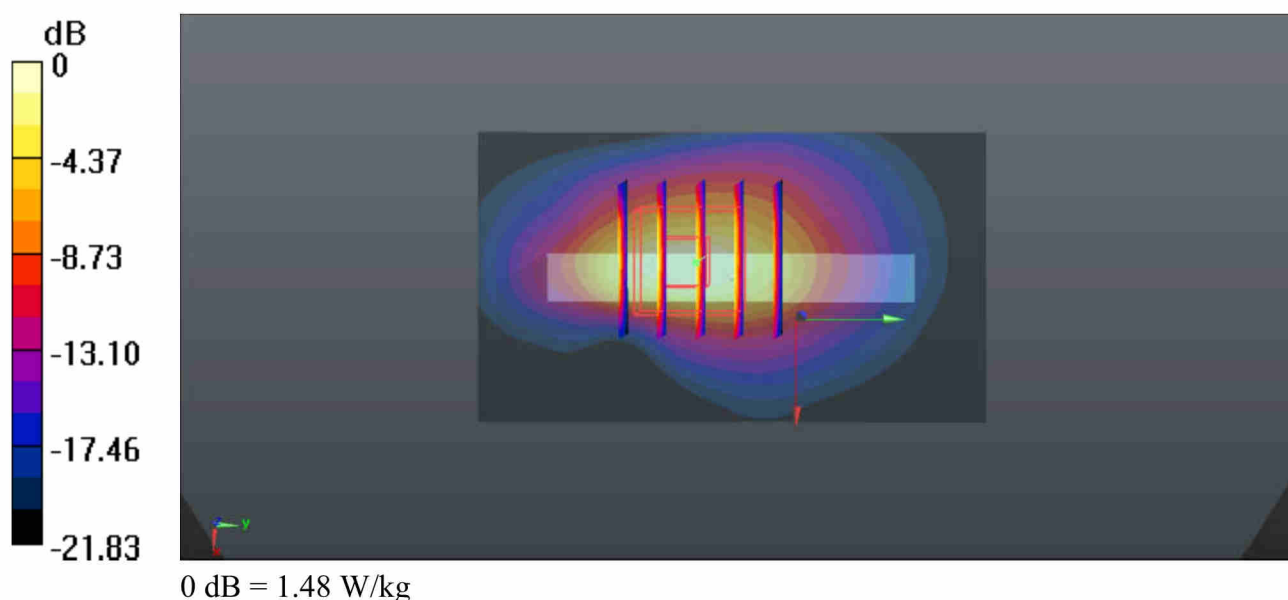
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.771 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.439 W/kg

Maximum value of SAR (measured) = 1.48 W/kg



23_CDMA2000_BC0_RTAP 153.6Kbps_Front_5mm_Ch384

Communication System: UID 0, CDMA2000 (0); Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium: MSL_835_180424 Medium parameters used: $f = 836.52$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 54.359$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.09, 10.09, 10.09); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch384/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.724 W/kg

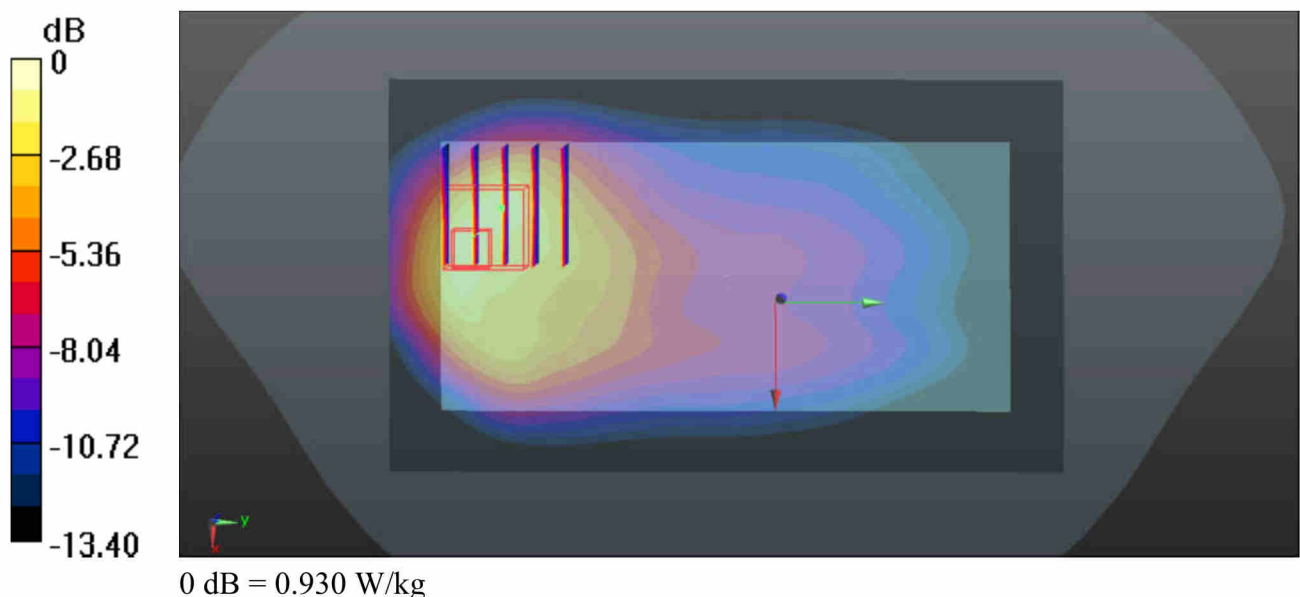
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.274 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.366 W/kg

Maximum value of SAR (measured) = 0.930 W/kg



24_CDMA2000 BC1_RTAP 153.6Kbps_Bottom Side_5mm_Ch1175

Communication System: UID 0, CDMA2000 (0); Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_180426 Medium parameters used: $f = 1908.75$ MHz; $\sigma = 1.556$ S/m; $\epsilon_r = 53.786$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.02, 8.02, 8.02); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1175/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

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

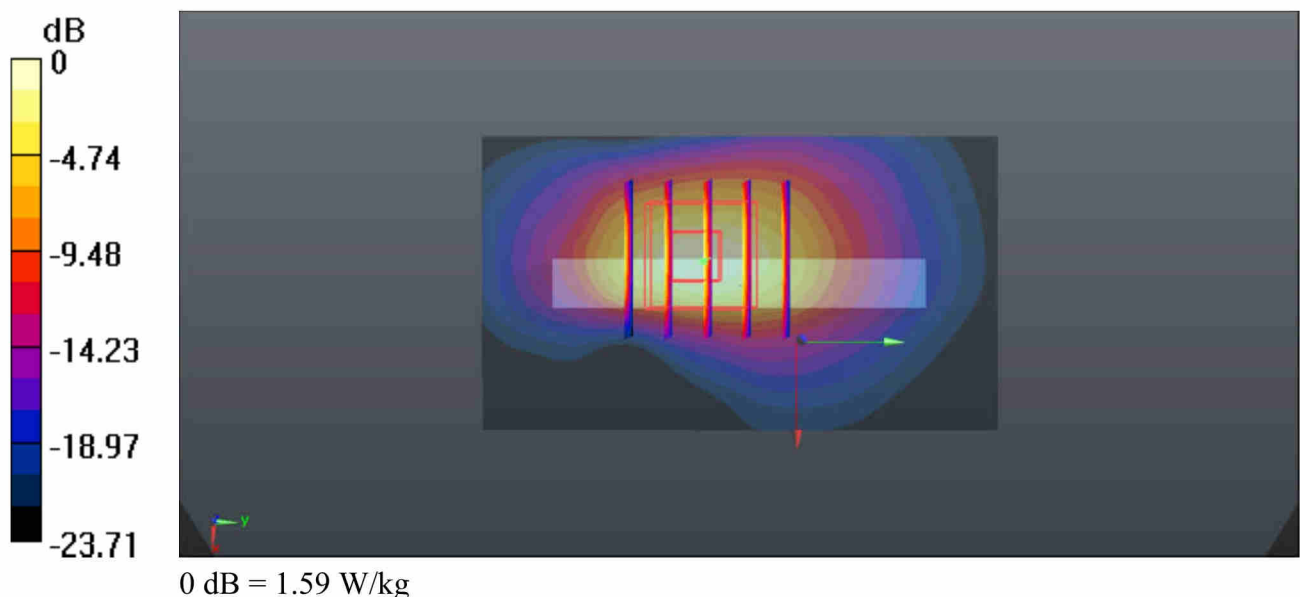
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.864 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.463 W/kg

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



25_LTE Band 71_20M_QPSK_1RB_49Offset_Front_5mm_Ch133322

Communication System: UID 0, LTE (0); Frequency: 683 MHz; Duty Cycle: 1:1

Medium: MSL_750_180418 Medium parameters used: $f = 683$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 56.05$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(10.52, 10.52, 10.52); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch133322/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

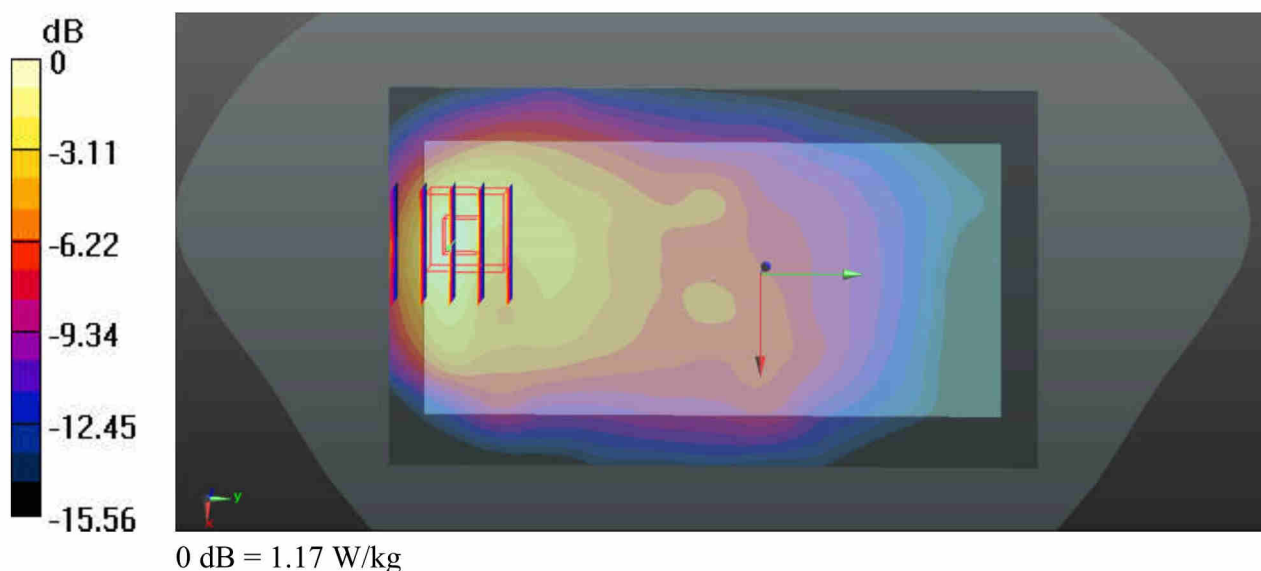
Ch133322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.436 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.385 W/kg

Maximum value of SAR (measured) = 1.17 W/kg



26_LTE Band 5_10M_QPSK_1RB_49Offset_Front_5mm_Ch20525

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_180424 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.999$ S/m; $\epsilon_r = 54.362$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.09, 10.09, 10.09); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20525/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.912 W/kg

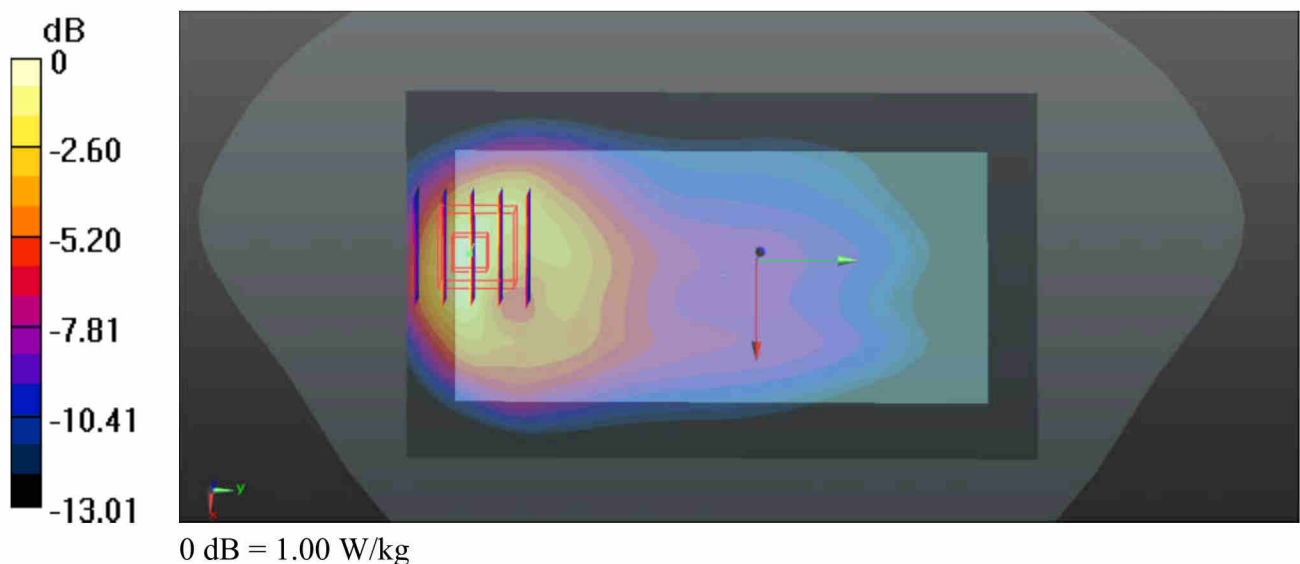
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.176 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.393 W/kg

Maximum value of SAR (measured) = 1.00 W/kg



27_LTE Band 12_10M_QPSK_1RB_49Offset_Front_5mm_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL_750_180418 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.941$ S/m; $\epsilon_r = 55.606$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(10.52, 10.52, 10.52); Calibrated: 2018.01.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2017.12.19
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23095/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.932 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.296 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.337 W/kg

Maximum value of SAR (measured) = 0.850 W/kg

