

01_GSM850_GPRS (4 Tx slots)_Left Cheek_0mm_Ch251

Communication System: UID 0, GSM850 (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.0797
Medium: HSL_835 Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 42.597$; $\rho = 1000$ kg/m³

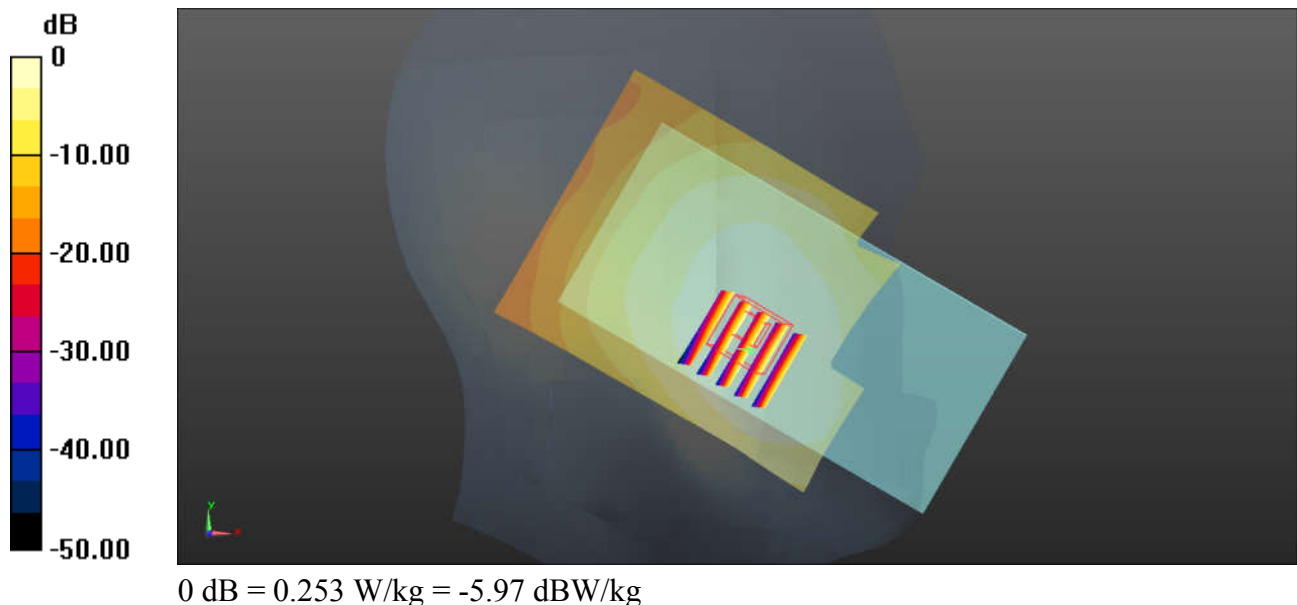
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.51, 9.51, 9.51); Calibrated: 2018.5.31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch251/Area Scan (71x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.253 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 17.14 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.160 W/kg
Maximum value of SAR (measured) = 0.247 W/kg



02_GSM1900_GPRS 4 Tx slots_Left Cheek_0mm_Ch810

Communication System: UID 0, GPRS/EDGE (4 Tx slots) (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: HSL_1900 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.435$ S/m; $\epsilon_r = 39.875$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.41, 8.41, 8.41); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch810/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0875 W/kg

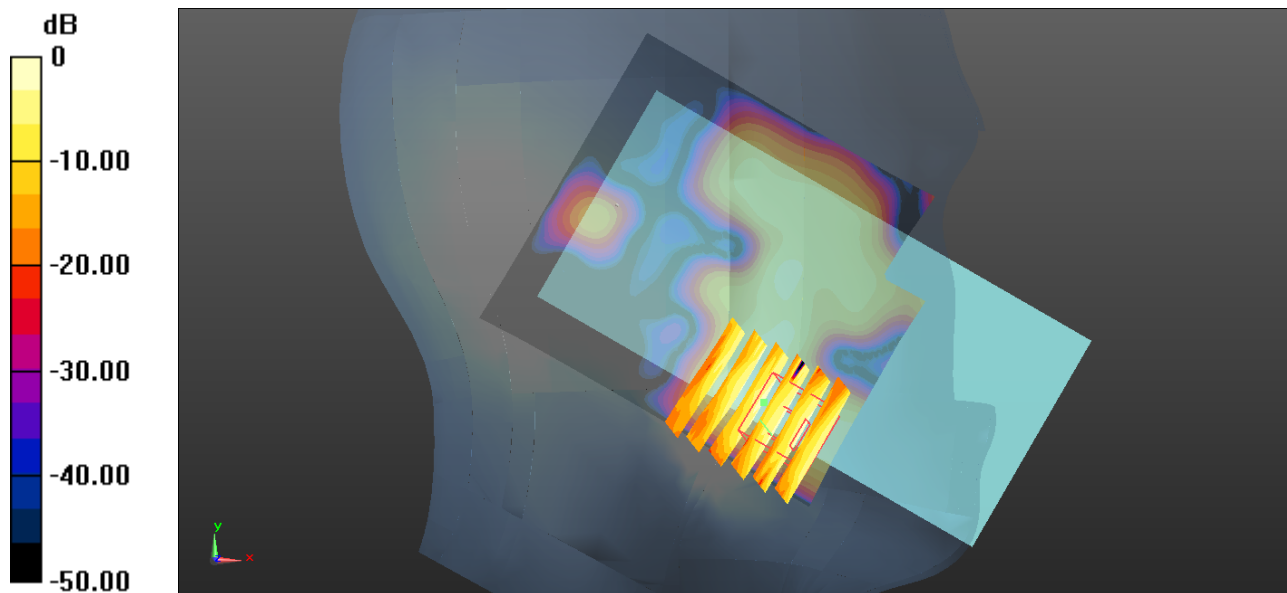
Ch810/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.302 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0560 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0405 W/kg



0 dB = 0.0875 W/kg = -10.58 dBW/kg

03_WCDMA Band V_RMC 12.2Kbps_Left Cheek_0mm_Ch4132

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.906$ S/m; $\epsilon_r = 42.868$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.51, 9.51, 9.51); Calibrated: 2018.5.31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch4132/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.312 W/kg

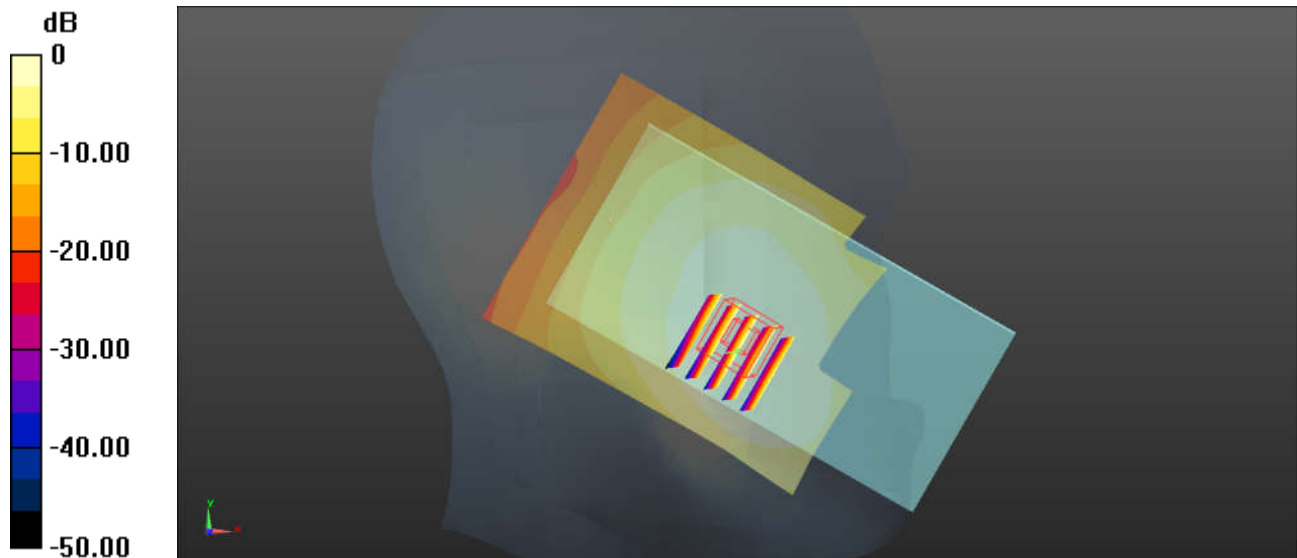
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.19 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.197 W/kg

Maximum value of SAR (measured) = 0.305 W/kg



0 dB = 0.312 W/kg = -5.06 dBW/kg

04_WCDMA Band IV_RMC 12.2Kbps_Left Cheek_0mm_Ch1513

Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.348$ S/m; $\epsilon_r = 41.132$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.65, 8.65, 8.65); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch1513/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0583 W/kg

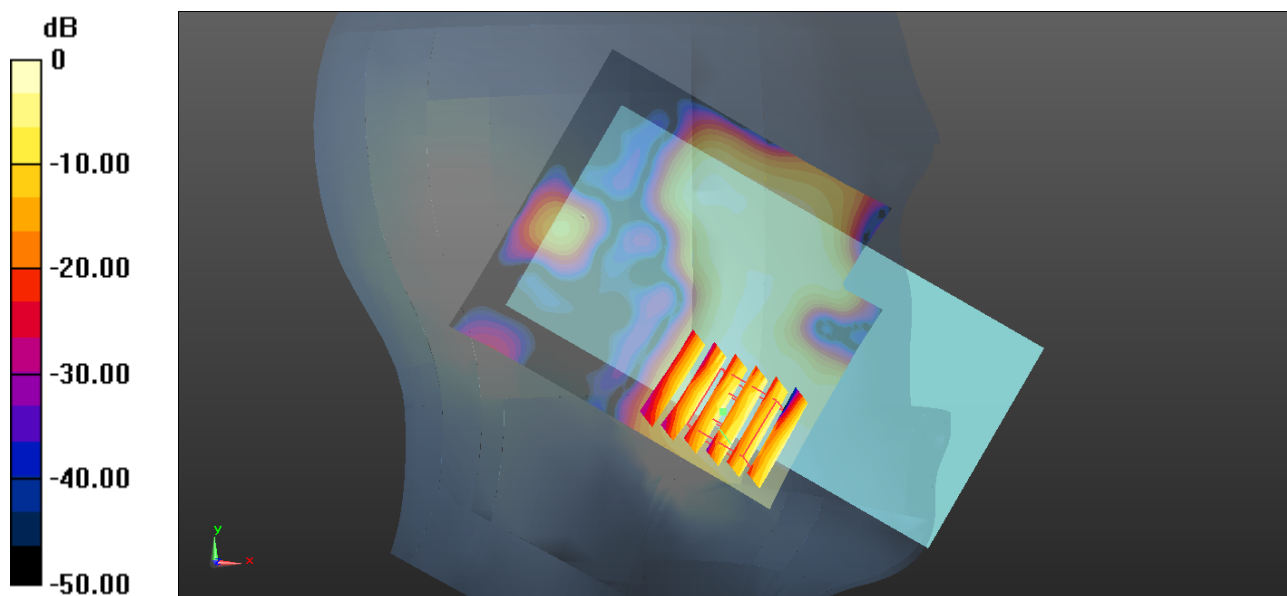
Ch1513/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.087 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0590 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0472 W/kg



0 dB = 0.0583 W/kg = -12.34 dBW/kg

05_WCDMA Band II_RMC 12.2Kbps_Left Cheek_0mm_Ch9538

Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.432$ S/m; $\epsilon_r = 39.884$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.41, 8.41, 8.41); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch9538/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.125 W/kg

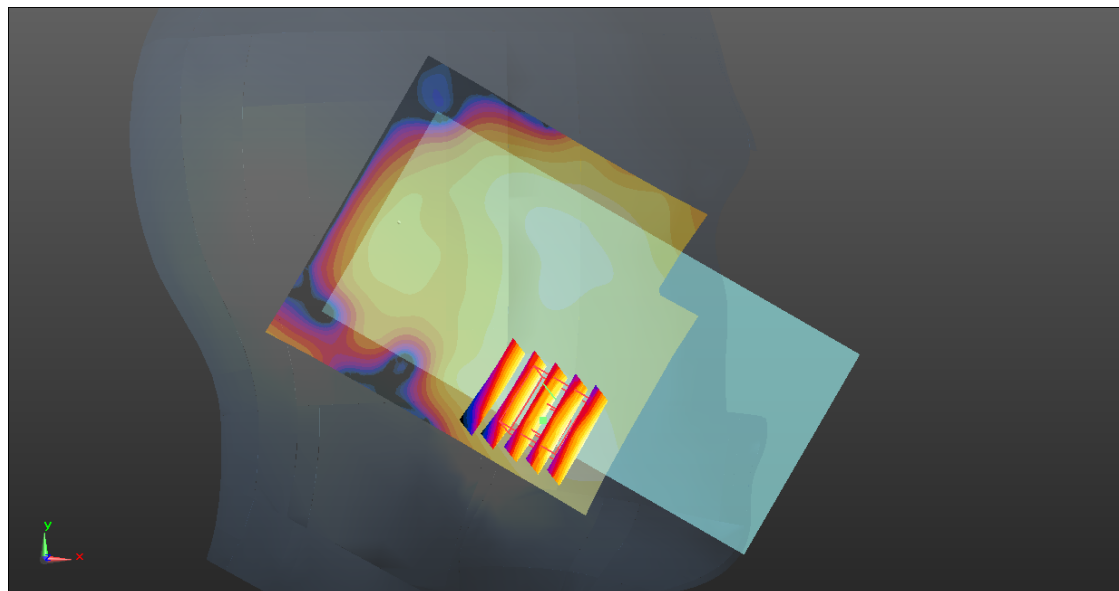
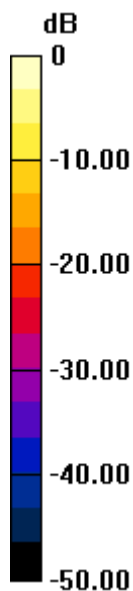
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.103 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.0949 W/kg



0 dB = 0.125 W/kg = -9.03 dBW/kg

06_LTE Band 5_10M_QPSK_1RB_49Offset_Left Cheek_0mm_Ch20525

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

Medium: HSL_835 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 42.751$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.51, 9.51, 9.51); Calibrated: 2018.5.31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch20525/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.329 W/kg

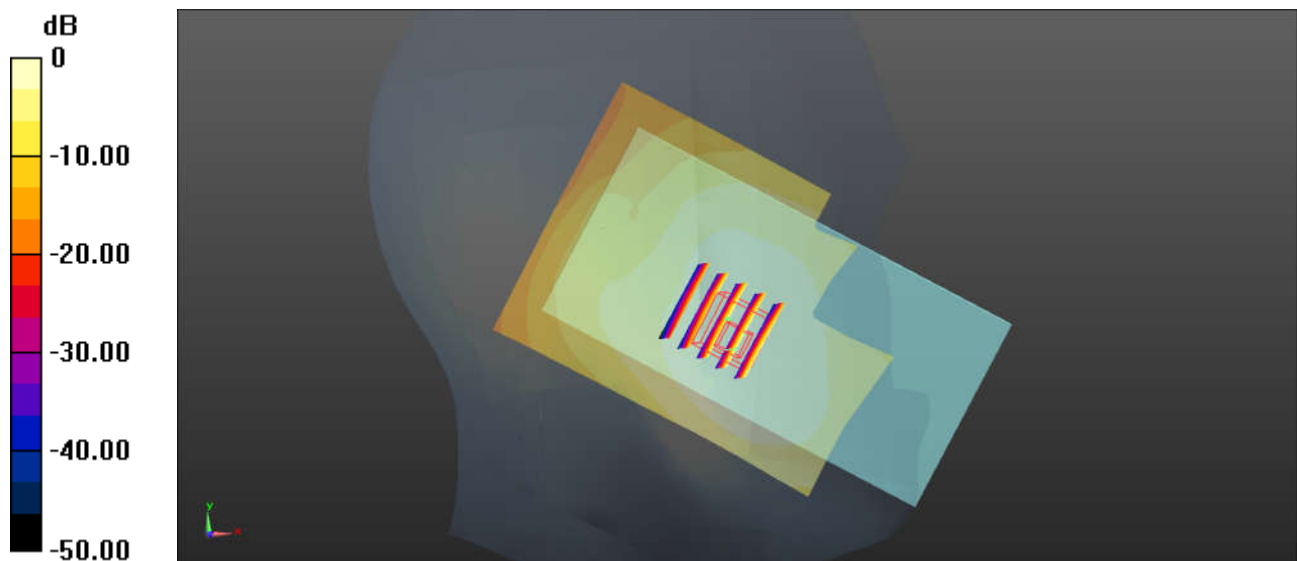
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.52 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.356 W/kg

SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.320 W/kg



0 dB = 0.329 W/kg = -4.83 dBW/kg

07_LTE Band 66_20M_QPSK_1RB_99Offset_Right Cheek_0mm_Ch132572

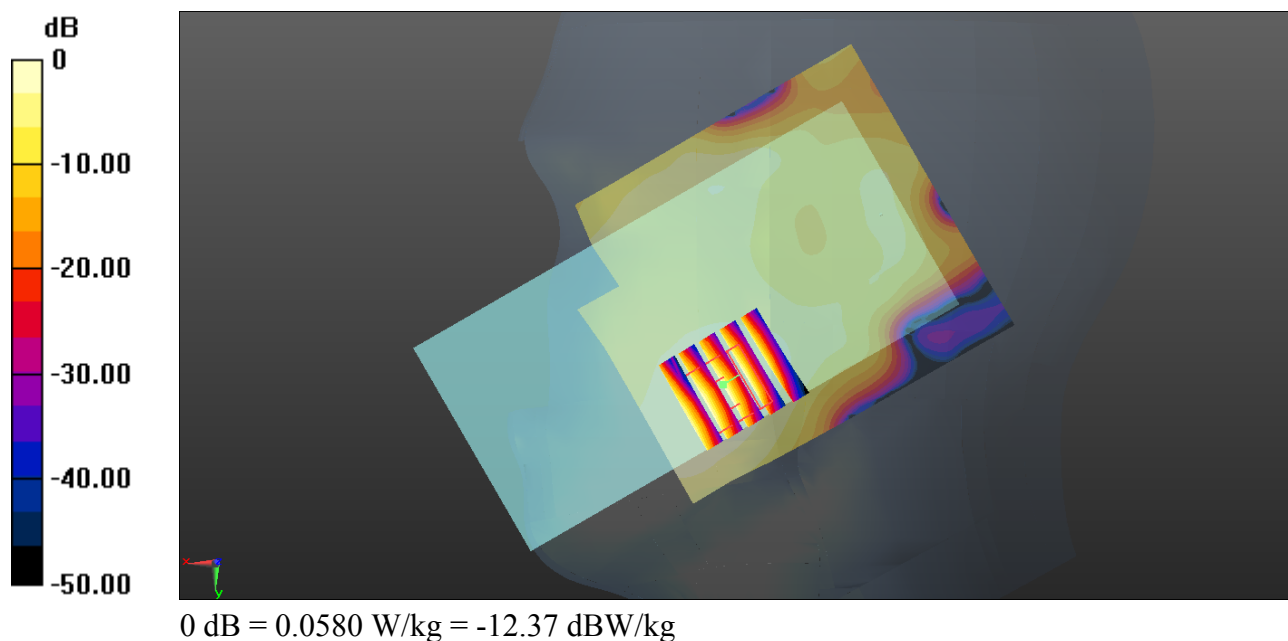
Communication System: UID 0, FDD_LTE (0); Frequency: 1770 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.363$ S/m; $\epsilon_r = 41.075$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.65, 8.65, 8.65); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch132572/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0580 W/kg

Ch132572/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.194 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.0620 W/kg
SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.0538 W/kg



08_LTE Band 2_20M_QPSK_1RB_0Offset_Right Cheek_0mm_Ch19100

Communication System: UID 0, FDD_LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.424$ S/m; $\epsilon_r = 39.918$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.41, 8.41, 8.41); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch19100/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.125 W/kg

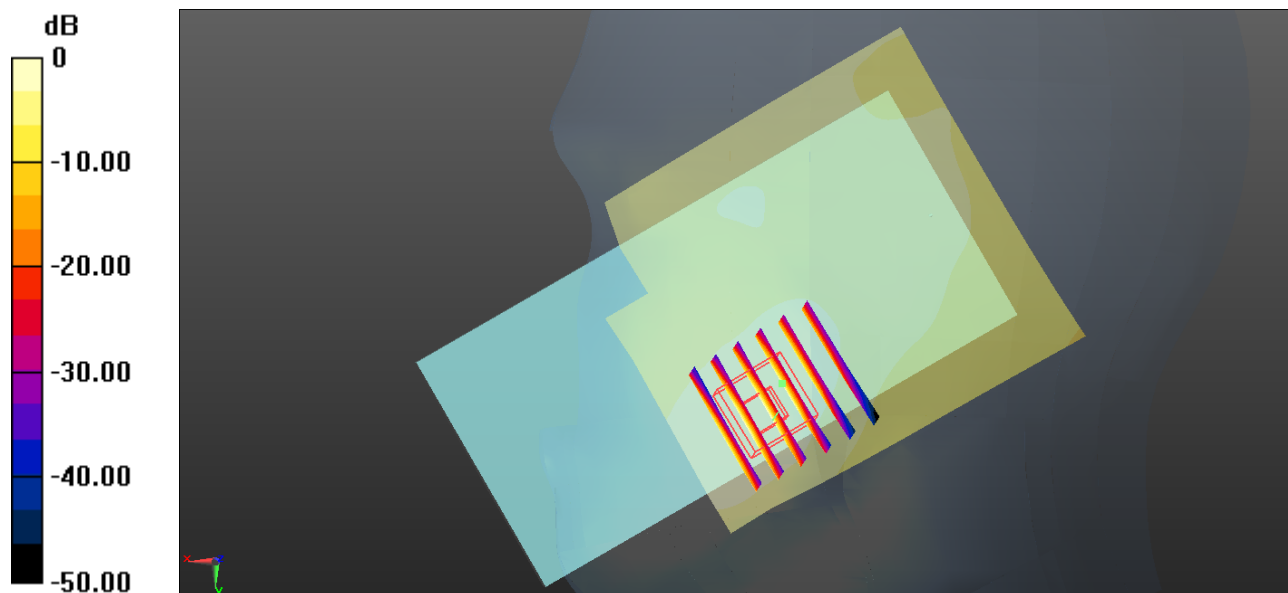
Ch19100/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.873 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.067 W/kg

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



0 dB = 0.125 W/kg = -9.03 dBW/kg

09_LTE Band 7_20M_QPSK_1RB_0Offset_Right Tilted_0mm_Ch20850

Communication System: UID 0, FDD_LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.933$ S/m; $\epsilon_r = 38.24$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.31, 7.31, 7.31); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch20850/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.115 W/kg

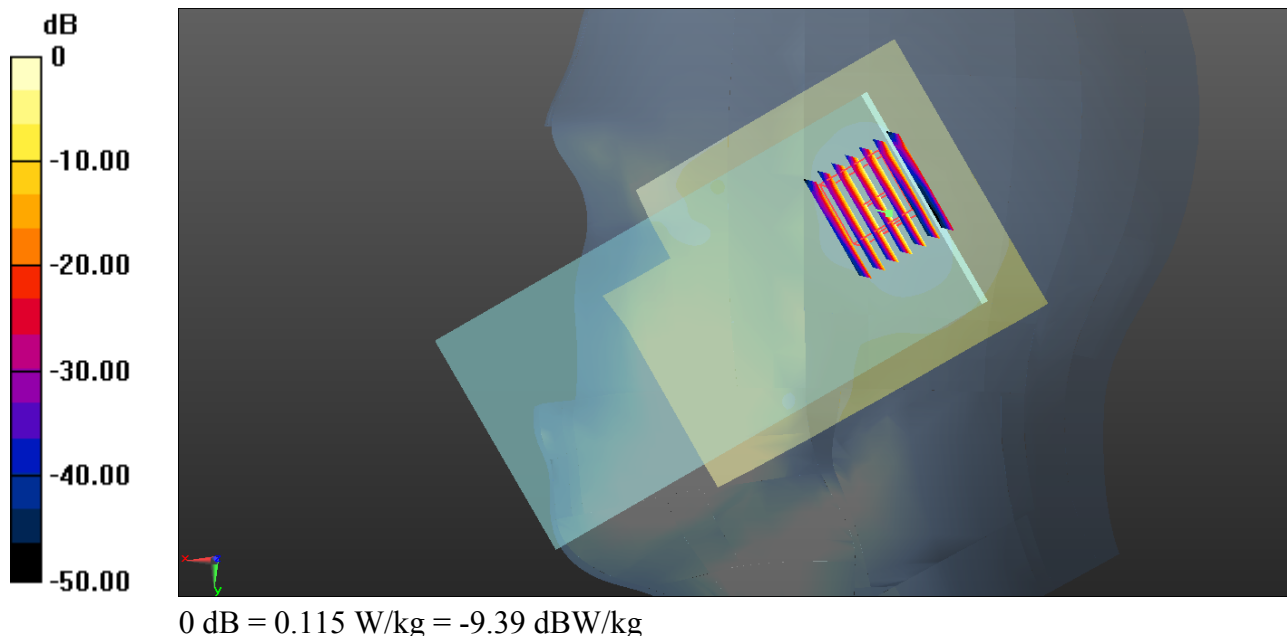
Ch20850/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.711 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.0907 W/kg



10_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_0mm_Ch1

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz; Duty Cycle: 1:1.025

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.819$ S/m; $\epsilon_r = 38.621$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.53, 7.53, 7.53); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch1/Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.611 W/kg

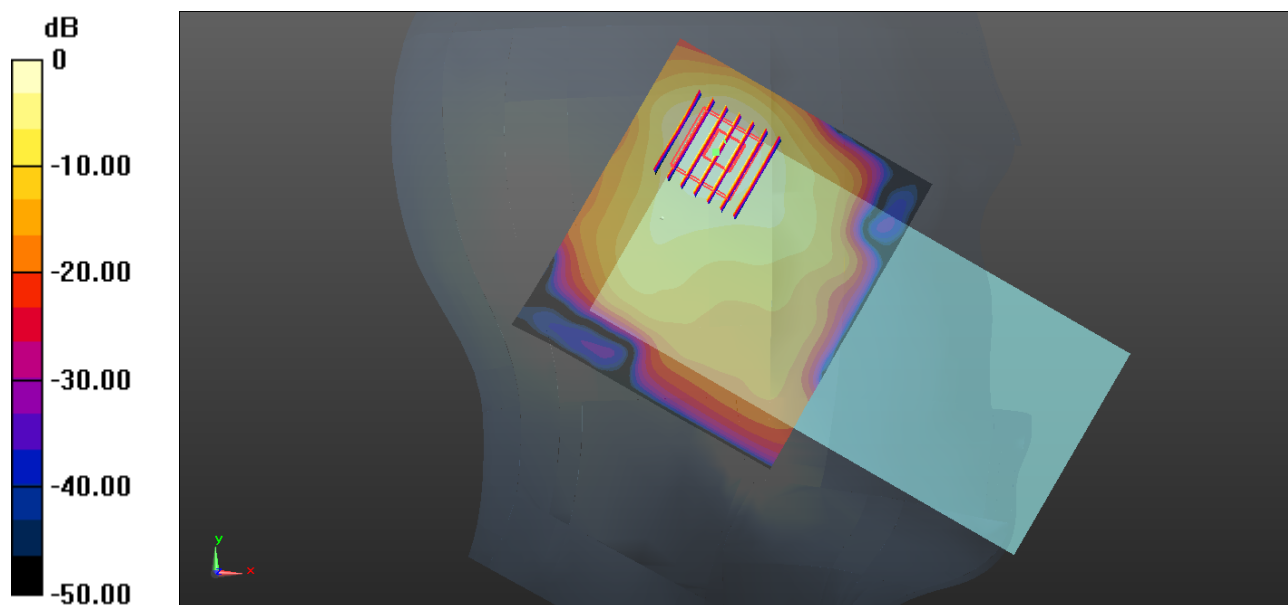
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.65 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.711 W/kg

SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.561 W/kg



0 dB = 0.611 W/kg = -2.14 dBW/kg

11_Bluetooth_1Mbps_Left Cheek_0mm_Ch39

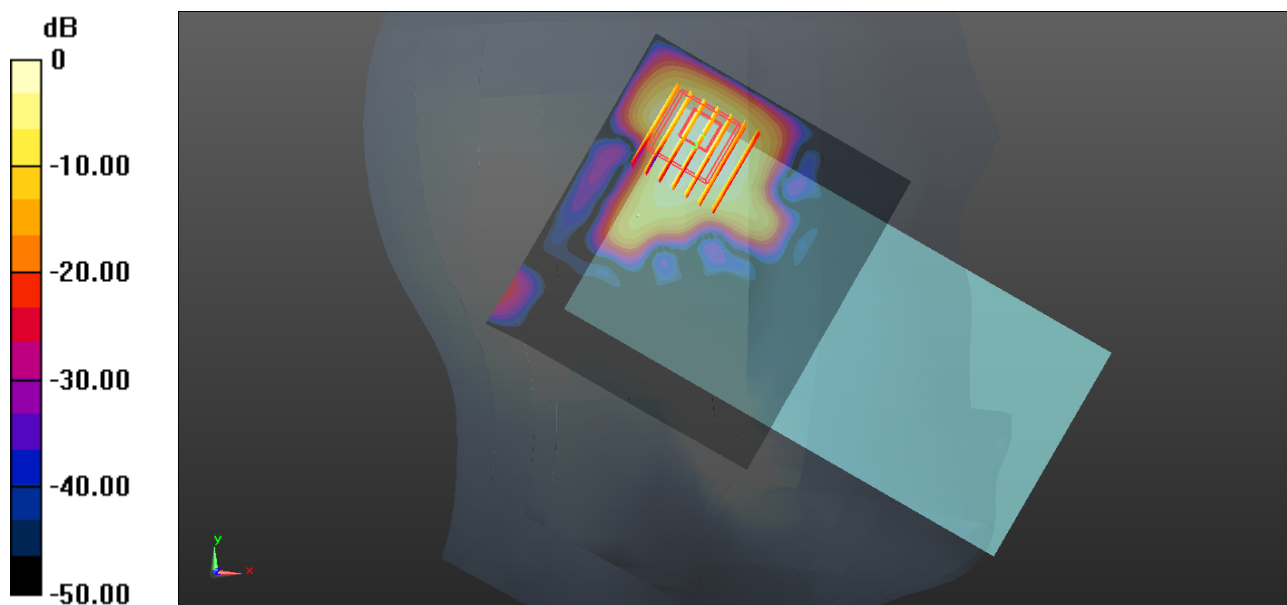
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.304
Medium: HSL_2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.853$ S/m; $\epsilon_r = 38.506$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.53, 7.53, 7.53); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch39/Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0787 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.266 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.102 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.0582 W/kg



0 dB = 0.0787 W/kg = -11.04 dBW/kg

12_GSM850_GPRS (4 Tx slots)_Back_5mm_Ch251

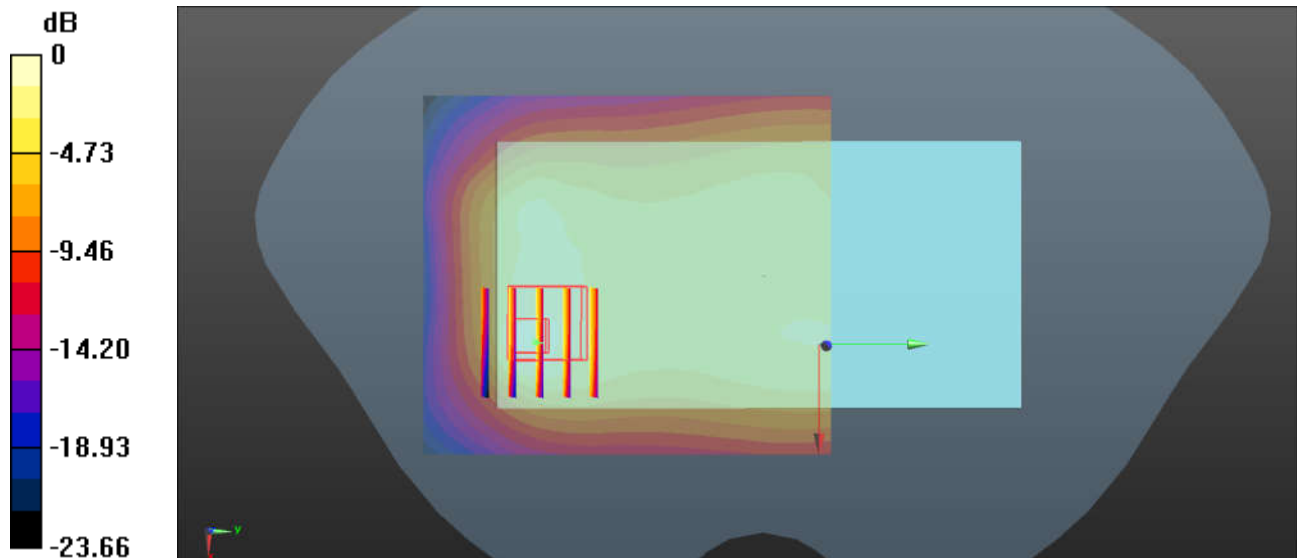
Communication System: UID 0, GSM850 (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.08
Medium: MSL_850 Medium parameters used: $f = 848.8$ MHz; $\sigma = 1.003$ S/m; $\epsilon_r = 55.128$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.5.31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch251/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.769 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.91 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.816 W/kg
SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.257 W/kg
Maximum value of SAR (measured) = 0.618 W/kg



0 dB = 0.769 W/kg = -1.14 dBW/kg

13_GSM1900_GPRS 4 Tx slots_Bottom Side_5mm_Ch810

Communication System: UID 0, GPRS/EDGE (4 Tx slots) (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.0797

Medium: MSL_1900 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.53$ S/m; $\epsilon_r = 53.868$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.03, 8.03, 8.03); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch810/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.72 W/kg

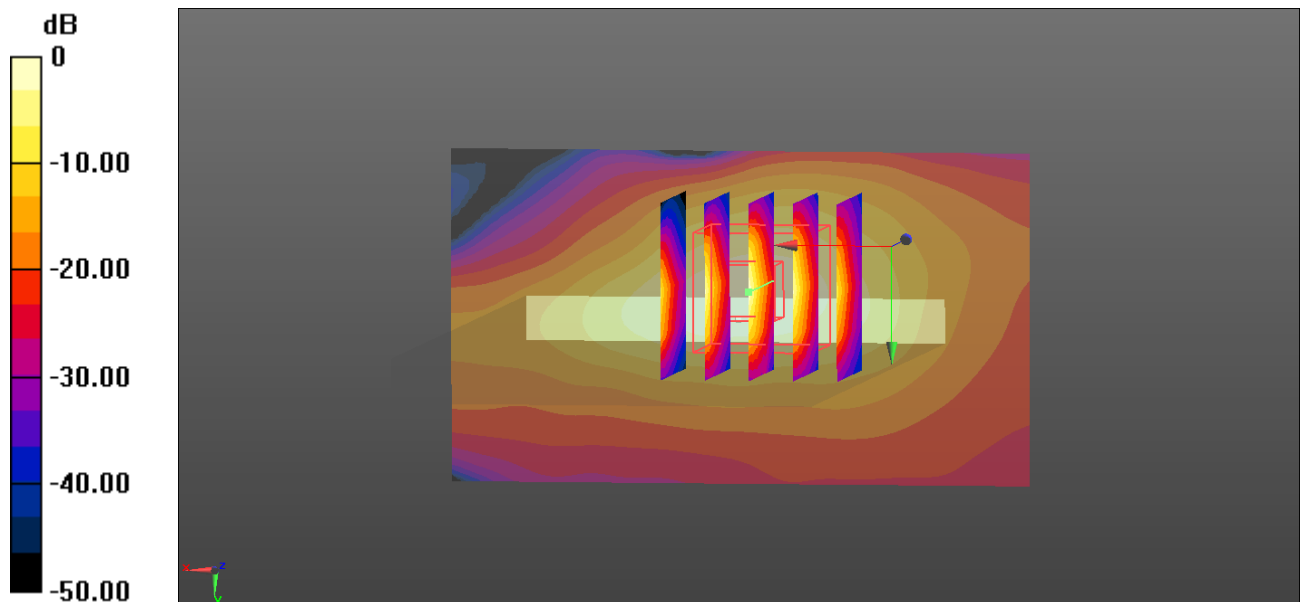
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.63 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.614 W/kg

Maximum value of SAR (measured) = 1.76 W/kg



0 dB = 1.72 W/kg = 2.36 dBW/kg

14_WCDMA Band V_RMC 12.2Kbps_Left Side_5mm_Ch4132

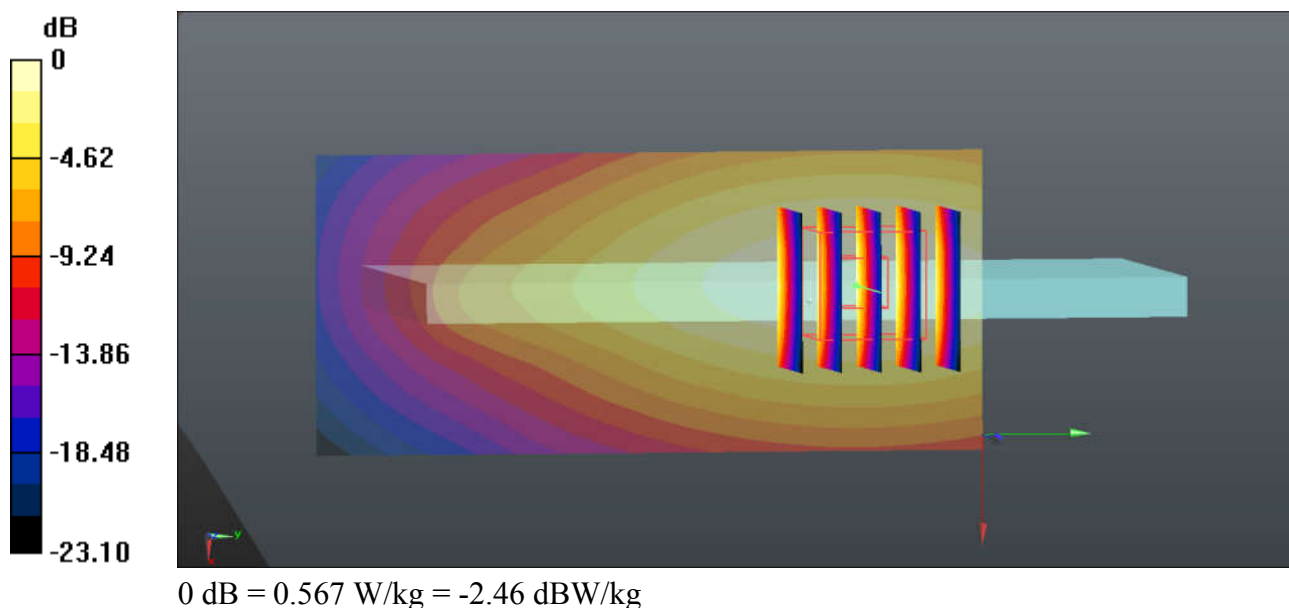
Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.982$ S/m; $\epsilon_r = 55.371$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.5.31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch4132/Area Scan (41x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.567 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 25.11 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.662 W/kg
SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.279 W/kg
Maximum value of SAR (measured) = 0.576 W/kg



15_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 Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.448$ S/m; $\epsilon_r = 54.466$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.31, 8.31, 8.31); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch1513/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.65 W/kg

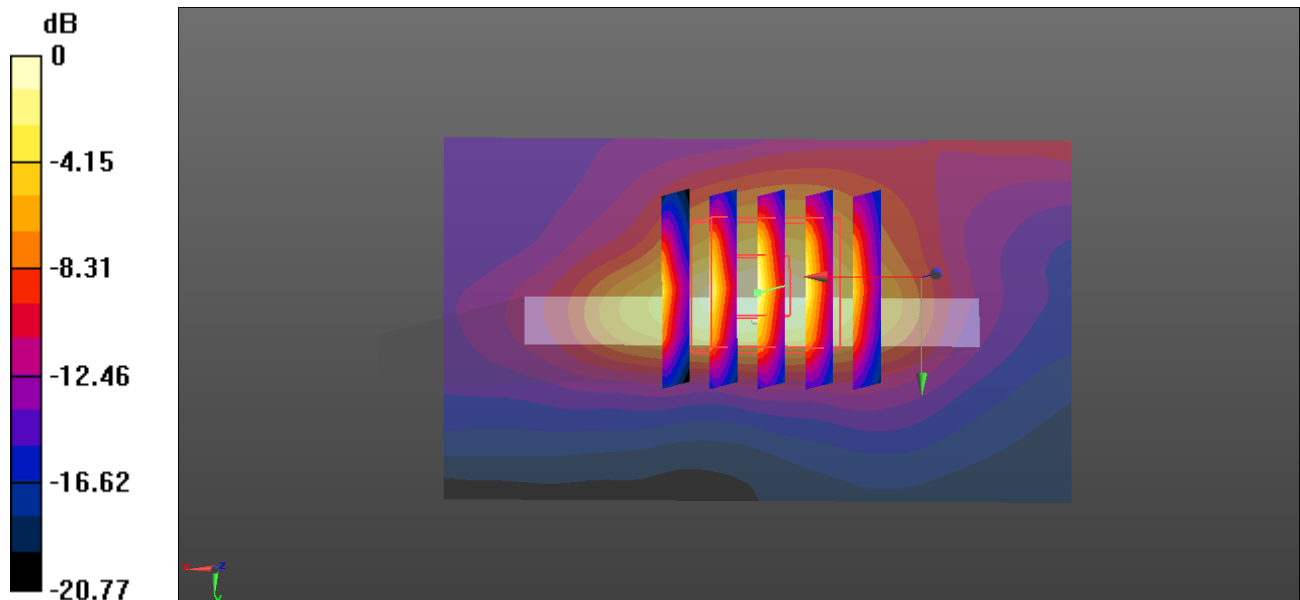
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.01 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.622 W/kg

Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

16_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 Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.528$ S/m; $\epsilon_r = 53.878$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.03, 8.03, 8.03); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch9538/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.65 W/kg

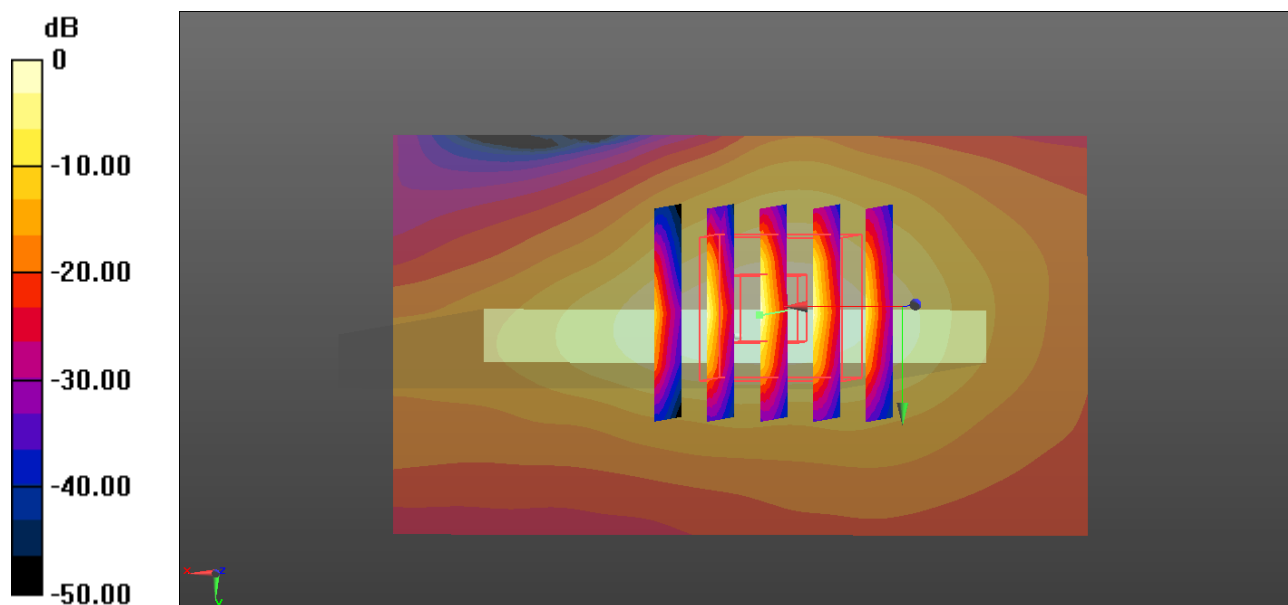
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.88 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.641 W/kg

Maximum value of SAR (measured) = 1.76 W/kg



17_LTE Band 5_10M_QPSK_1RB_49Offset_Left Side_5mm_Ch20525

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

Medium: MSL_850 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.991$ S/m; $\epsilon_r = 55.26$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.5.31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch20525/Area Scan (41x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.601 W/kg

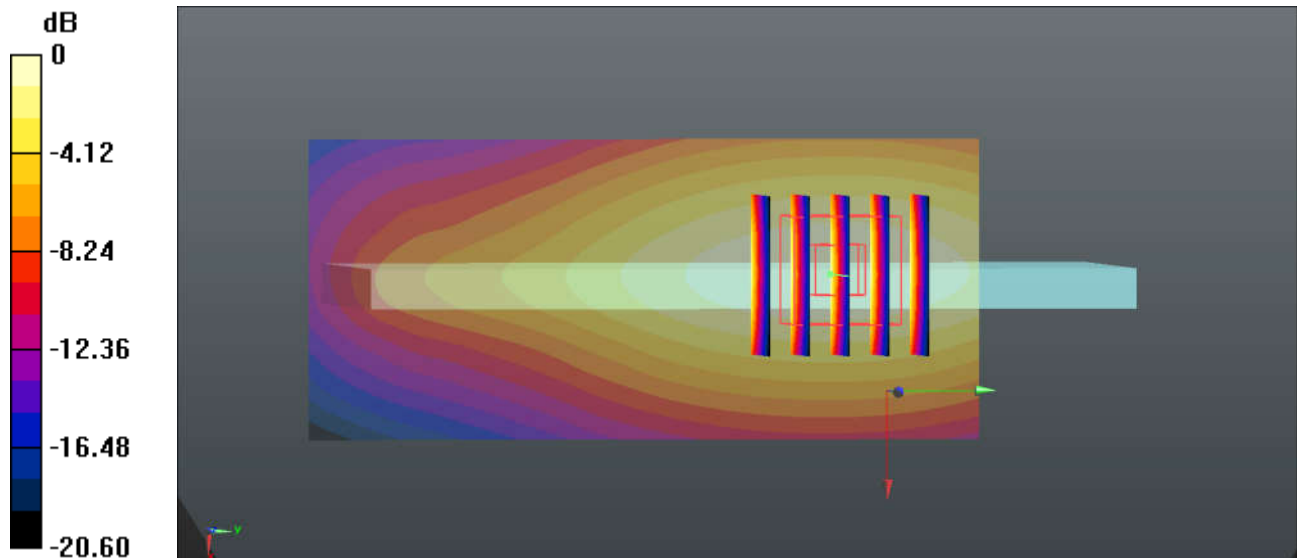
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.77 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.707 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.289 W/kg

Maximum value of SAR (measured) = 0.612 W/kg



0 dB = 0.601 W/kg = -2.21 dBW/kg

18_LTE Band 66_20M_QPSK_1RB_99Offset_Bottom Side_5mm_Ch132572

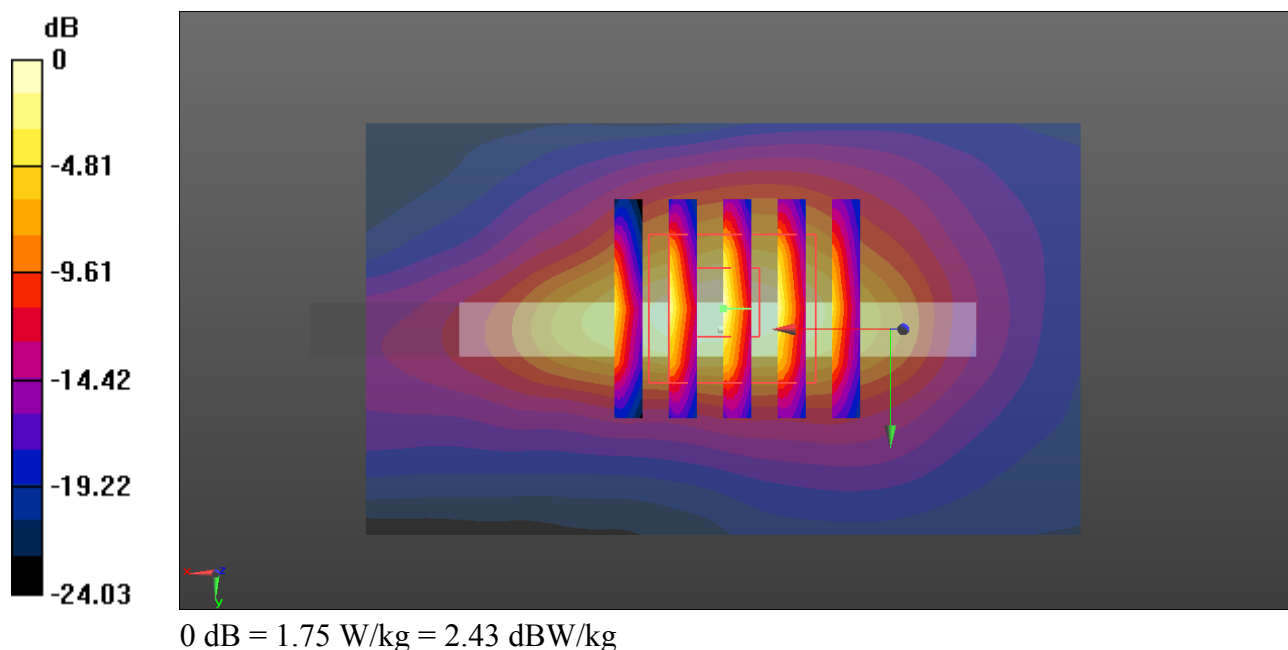
Communication System: UID 0, FDD_LTE (0); Frequency: 1770 MHz; Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.464$ S/m; $\epsilon_r = 54.418$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.31, 8.31, 8.31); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch132572/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.75 W/kg

Ch132572/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.68 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.648 W/kg
Maximum value of SAR (measured) = 1.73 W/kg



19_LTE Band 2_20M_QPSK_100RB_0Offset_Bottom Side_5mm_Ch19100

Communication System: UID 0, FDD_LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 53.914$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.03, 8.03, 8.03); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch19100/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.92 W/kg

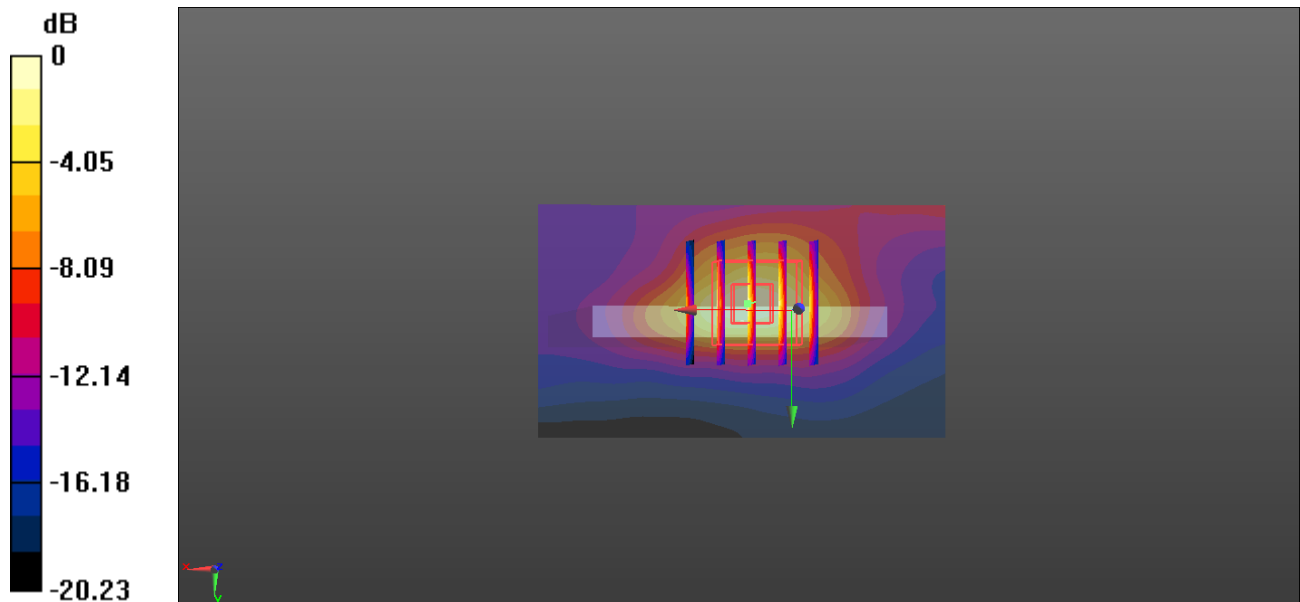
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.07 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.683 W/kg

Maximum value of SAR (measured) = 1.89 W/kg



0 dB = 1.92 W/kg = 2.83 dBW/kg

20_LTE Band 7_20M_QPSK_1RB_0Offset_Back_5mm_Ch21350

Communication System: UID 0, FDD_LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: MSL_2600 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.159$ S/m; $\epsilon_r = 52.664$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(6.92, 6.92, 6.92); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch21350/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.95 W/kg

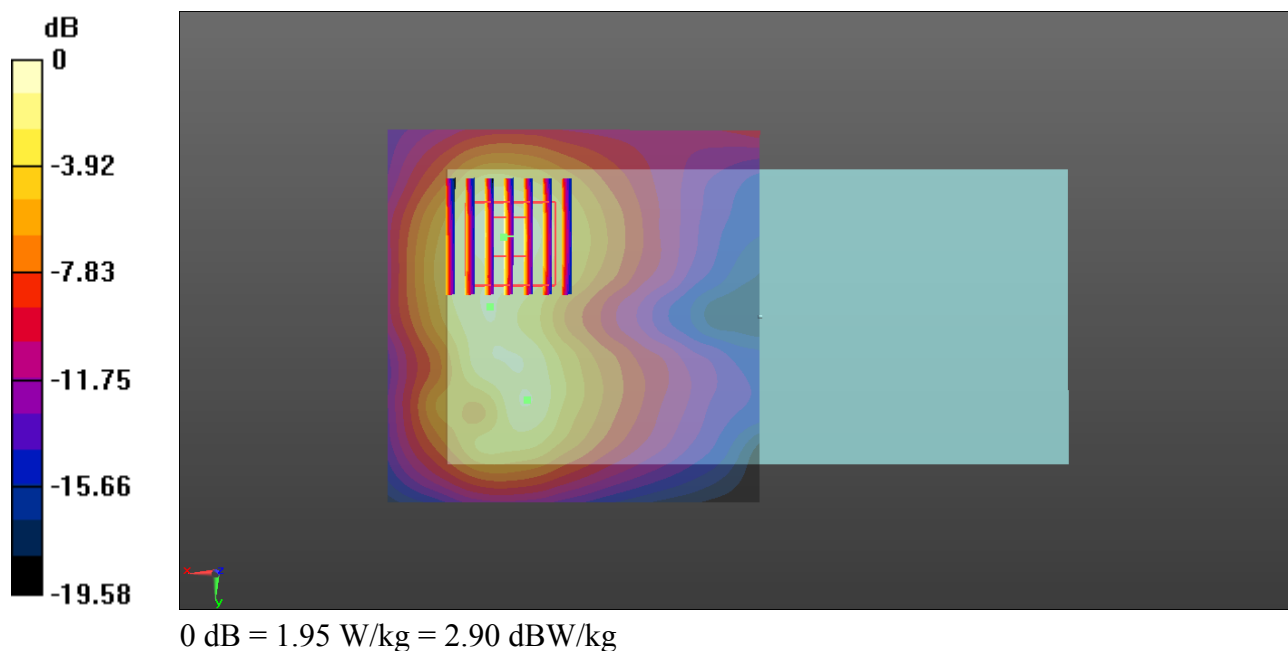
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.67 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.715 W/kg

Maximum value of SAR (measured) = 2.01 W/kg



21_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ch1

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz; Duty Cycle: 1:1.025

Medium: MSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ S/m; $\epsilon_r = 53.257$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.53, 7.53, 7.53); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch1/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.377 W/kg

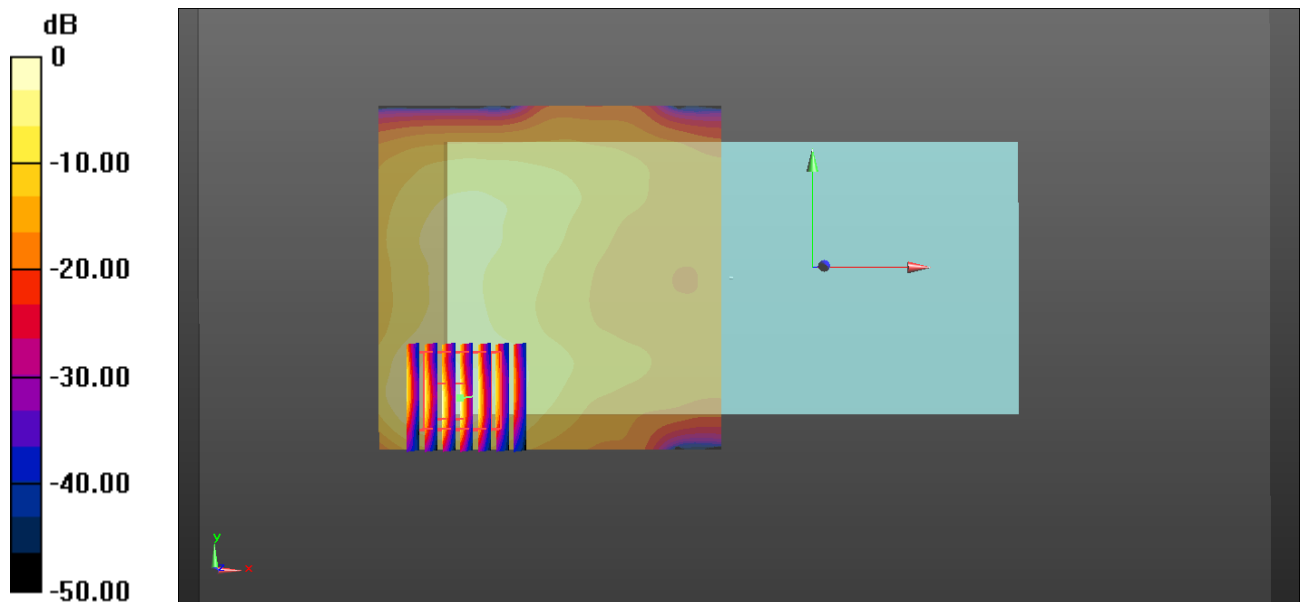
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.72 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.340 W/kg



22_Bluetooth_1Mbps_Back_5mm_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.304
Medium: MSL_2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 53.144$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.53, 7.53, 7.53); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch39/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0566 W/kg

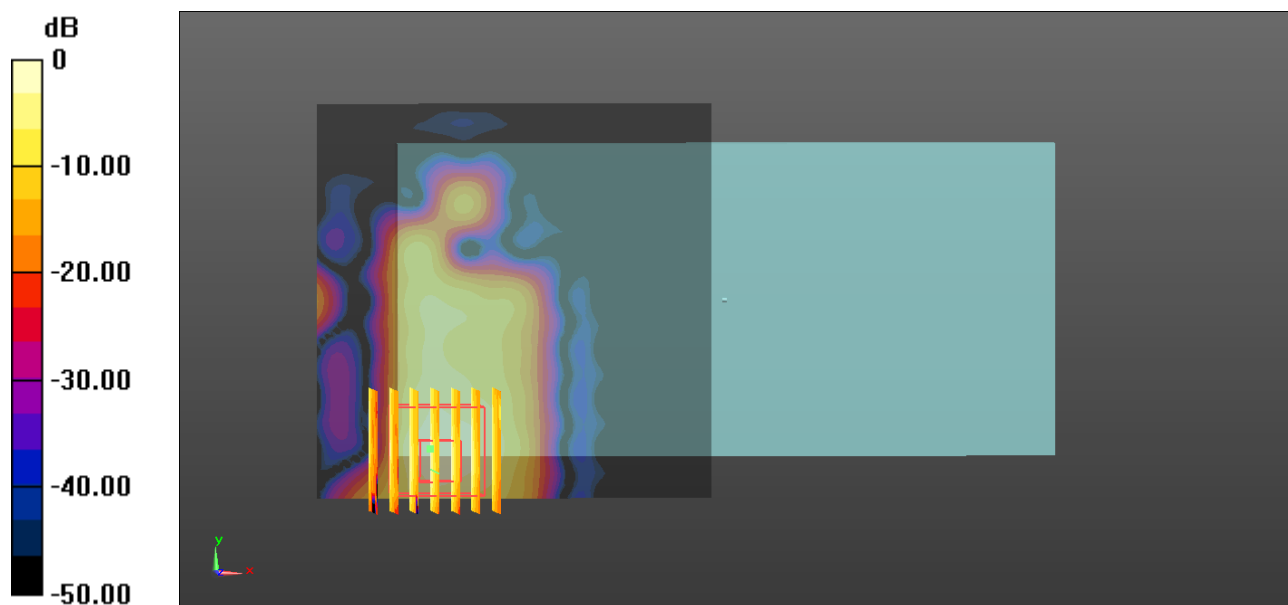
Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.178 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0530 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.00801 W/kg

Maximum value of SAR (measured) = 0.0409 W/kg



0 dB = 0.0566 W/kg = -12.47 dBW/kg

23_GSM850_GPRS (4 Tx slots)_Back_5mm_Ch251

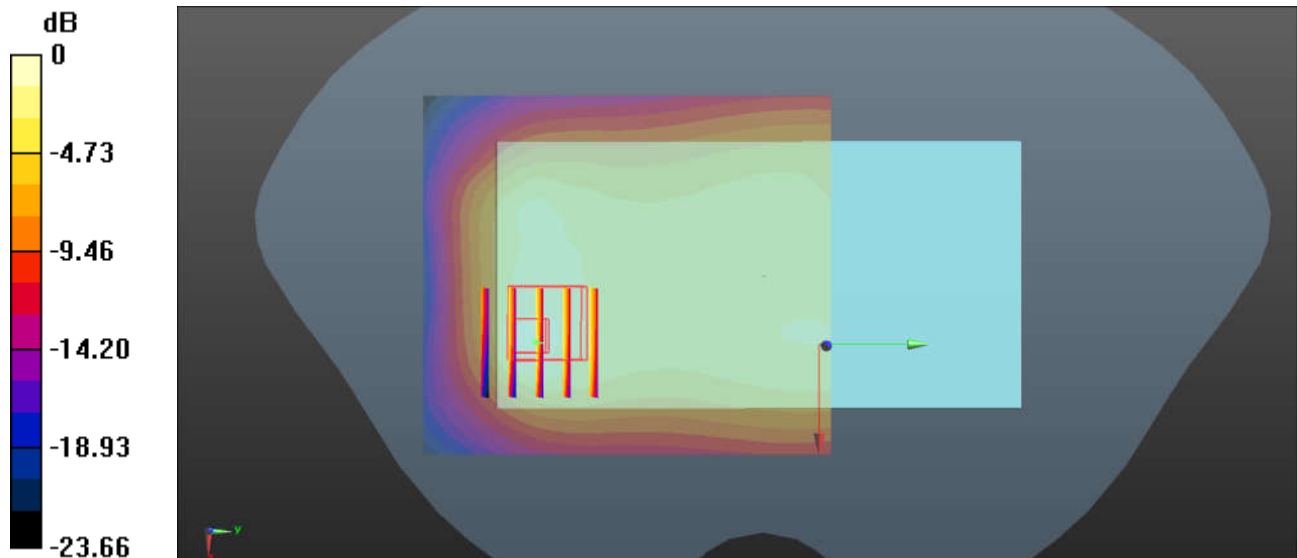
Communication System: UID 0, GSM850 (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.08
Medium: MSL_850 Medium parameters used: $f = 848.8$ MHz; $\sigma = 1.003$ S/m; $\epsilon_r = 55.128$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.5.31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Ch251/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.769 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.91 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.816 W/kg
SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.257 W/kg
Maximum value of SAR (measured) = 0.618 W/kg



0 dB = 0.769 W/kg = -1.14 dBW/kg

24_GSM1900_GPRS 4 Tx slots_Back_5mm_Headset_Ch810

Communication System: UID 0, GPRS/EDGE (4 Tx slots) (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: MSL_1900 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.53$ S/m; $\epsilon_r = 53.868$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.03, 8.03, 8.03); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch810/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.45 W/kg

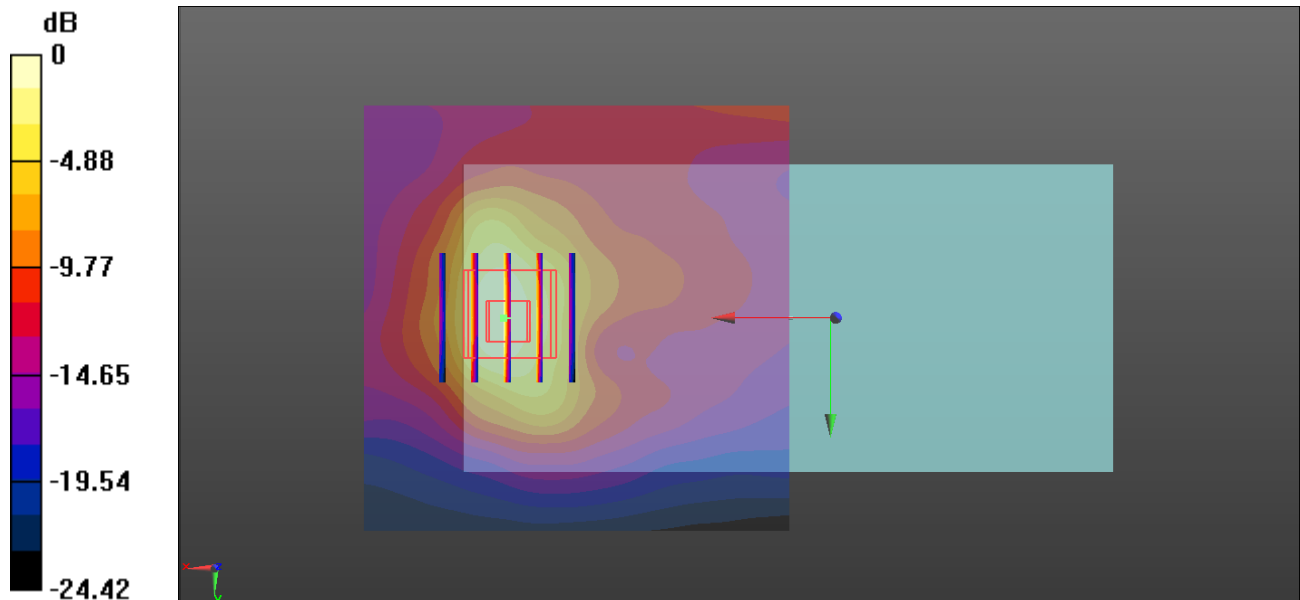
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.26 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.642 W/kg

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

25_WCDMA Band V_RMC 12.2Kbps_Back_5mm_Ch4132

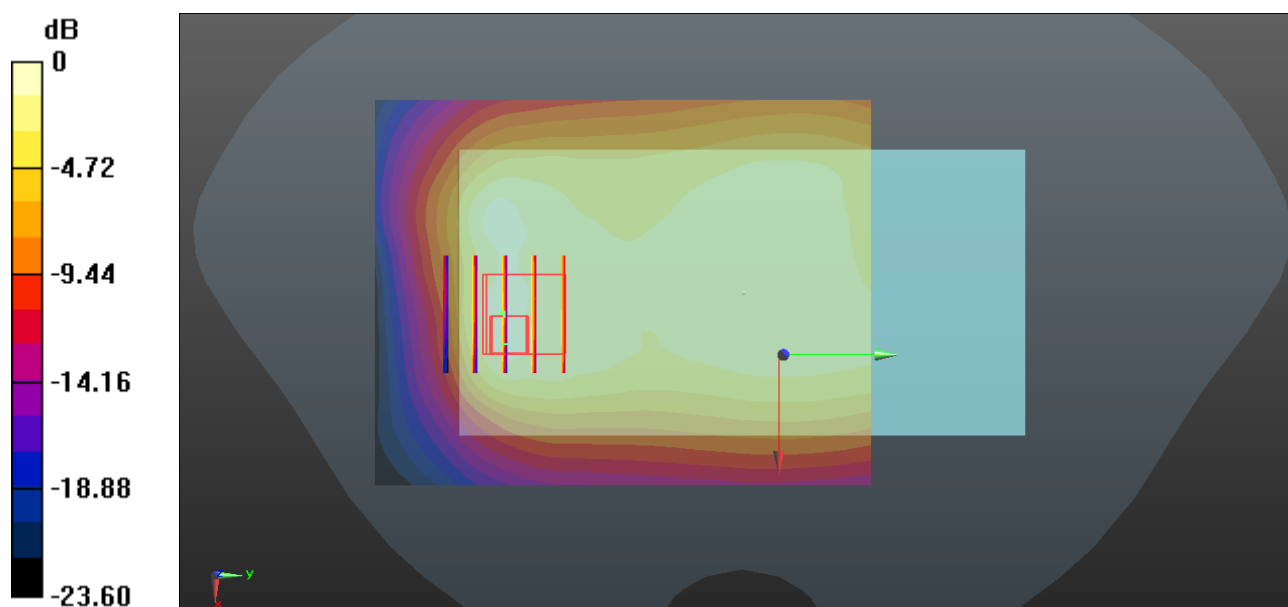
Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.982$ S/m; $\epsilon_r = 55.371$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.5.31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7372)

Ch4132/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.680 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.73 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.866 W/kg
SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.259 W/kg
Maximum value of SAR (measured) = 0.698 W/kg



0 dB = 0.680 W/kg = -1.67 dBW/kg

26_WCDMA Band IV_RMC 12.2Kbps_Back_5mm_Ch1513

Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.448$ S/m; $\epsilon_r = 54.466$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.31, 8.31, 8.31); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch1513/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.47 W/kg

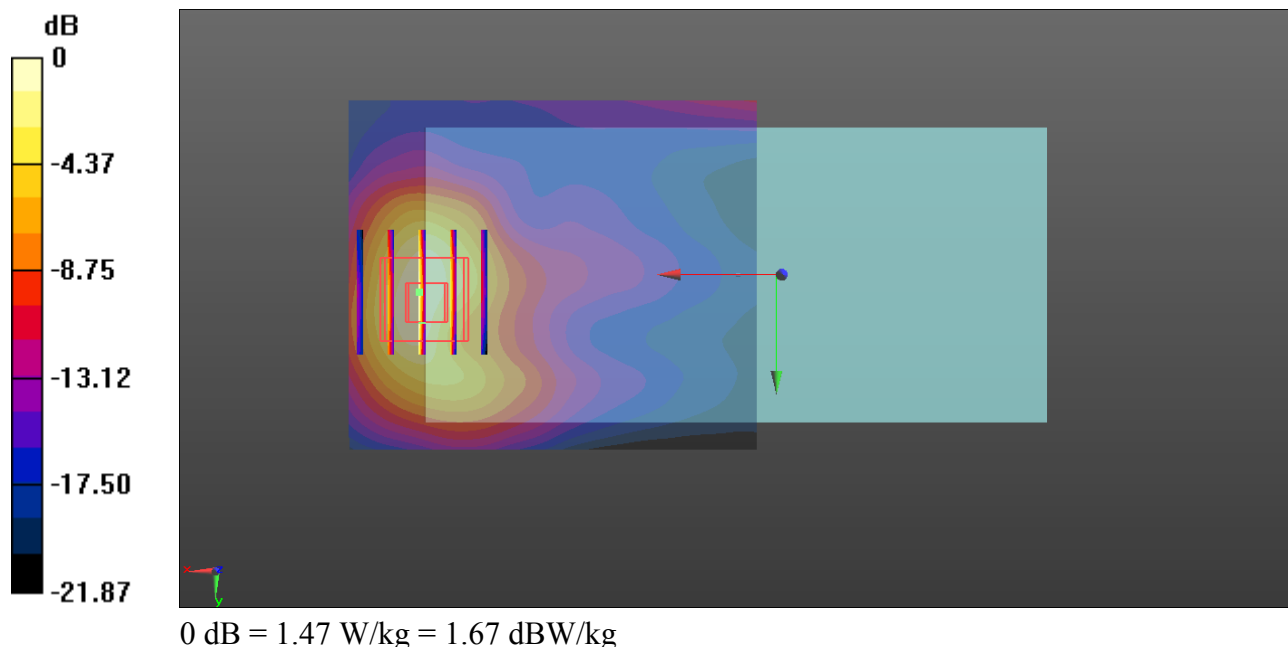
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.93 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.670 W/kg

Maximum value of SAR (measured) = 1.65 W/kg



27_WCDMA Band II_RMC 12.2Kbps_Back_5mm_Sensor_Headset_Ch9538

Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.528$ S/m; $\epsilon_r = 53.878$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.03, 8.03, 8.03); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch9538/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

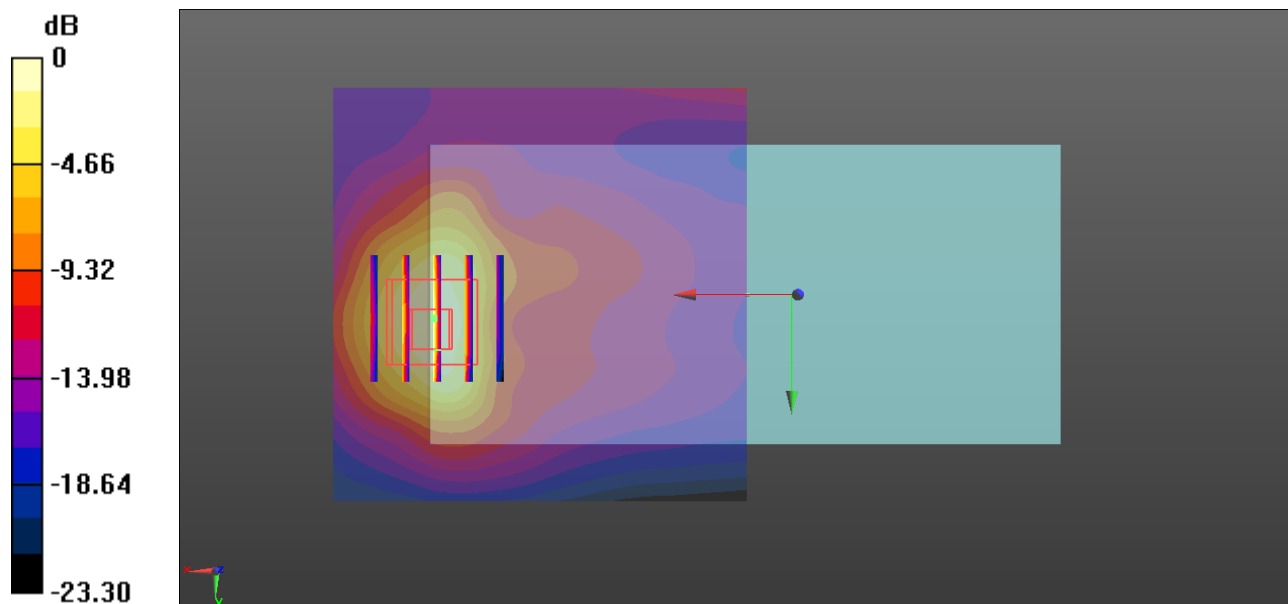
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.22 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.670 W/kg

Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

28_LTE Band 5_10M_QPSK_1RB_49Offset_Back_5mm_Ch20525

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

Medium: MSL_850 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.991$ S/m; $\epsilon_r = 55.26$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.5.31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7372)

Ch20525/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.709 W/kg

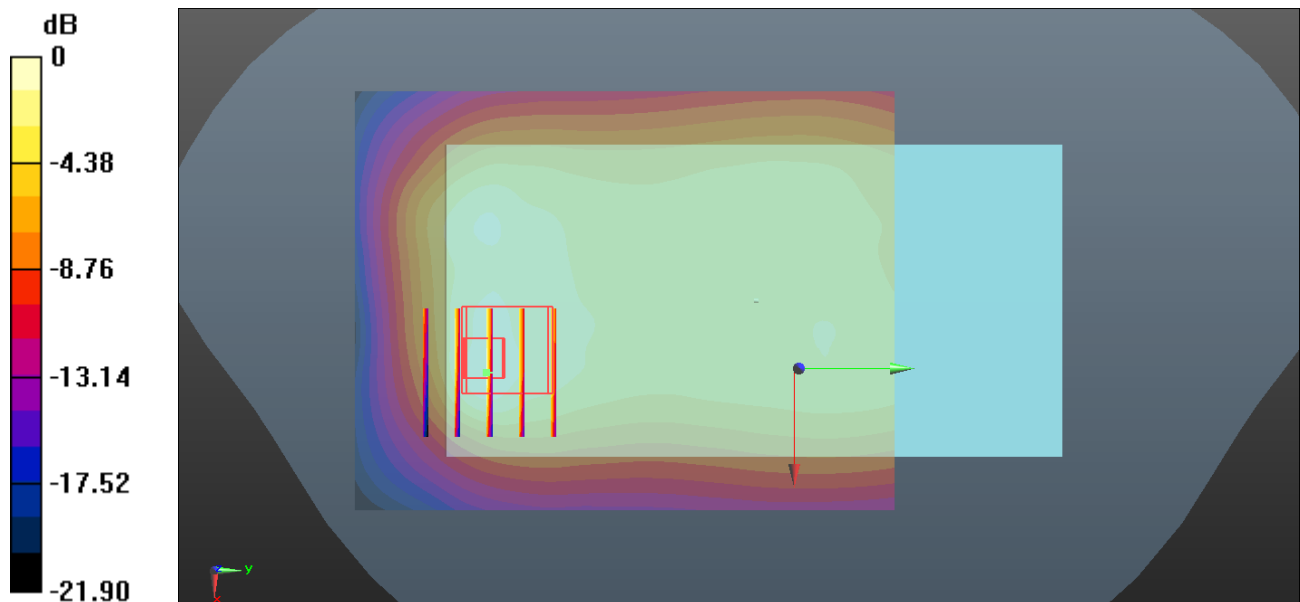
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.68 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.805 W/kg

SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.271 W/kg

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



0 dB = 0.709 W/kg = -1.49 dBW/kg

29_LTE Band 66_20M_QPSK_1RB_99Offset_Back_5mm_Ch132572

Communication System: UID 0, FDD_LTE (0); Frequency: 1770 MHz; Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.464$ S/m; $\epsilon_r = 54.418$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.31, 8.31, 8.31); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch132572/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.45 W/kg

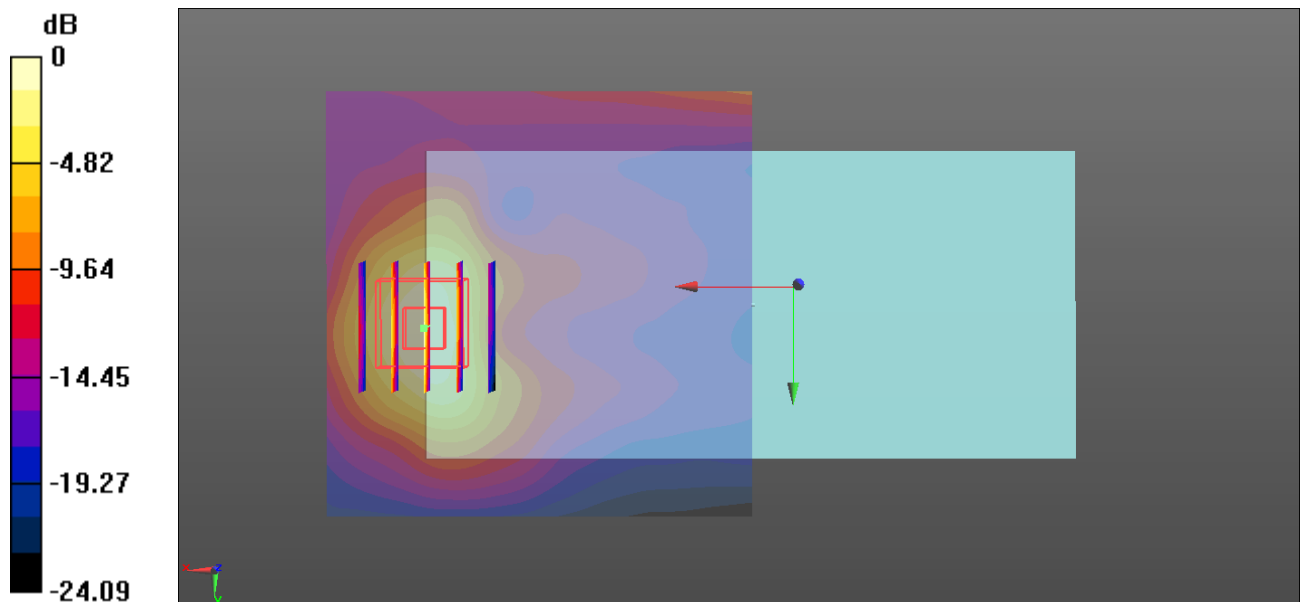
Ch132572/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.53 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.640 W/kg

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

30_LTE Band 2_20M_QPSK_100RB_0Offset_Back_5mm_Ch19100

Communication System: UID 0, FDD_LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 53.914$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.03, 8.03, 8.03); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch19100/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.87 W/kg

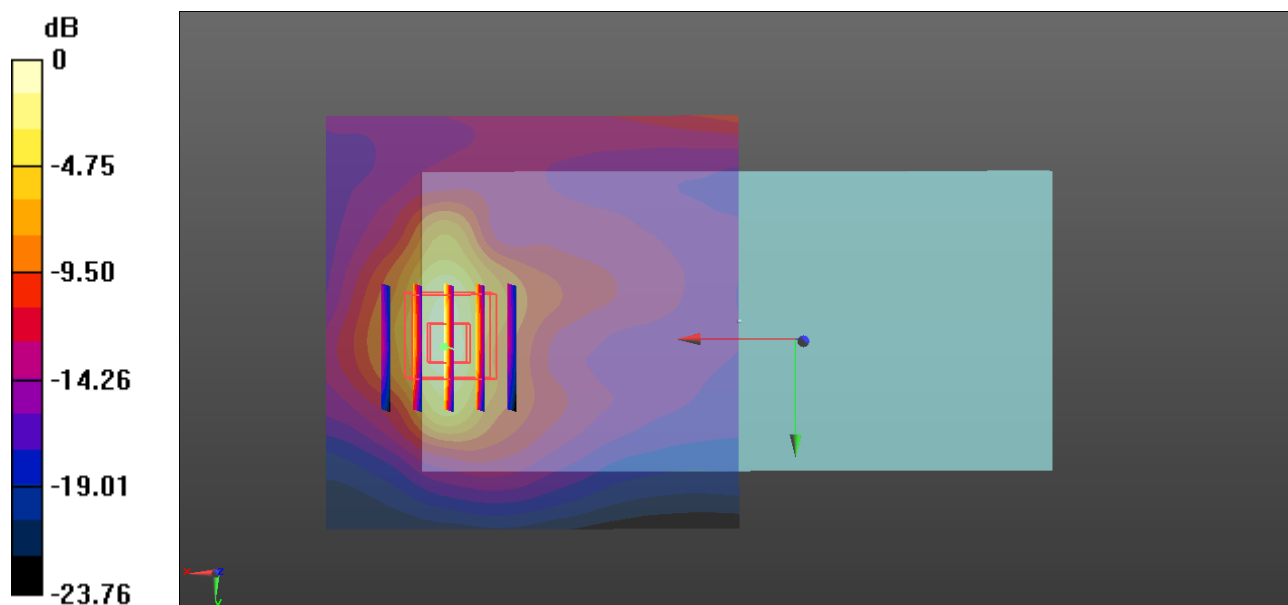
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.49 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.677 W/kg

Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.87 W/kg = 2.72 dBW/kg

31_LTE Band 7_20M_QPSK_1RB_0Offset_Back_5mm_Ch21350

Communication System: UID 0, FDD_LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: MSL_2600 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.159$ S/m; $\epsilon_r = 52.664$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(6.92, 6.92, 6.92); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch21350/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.95 W/kg

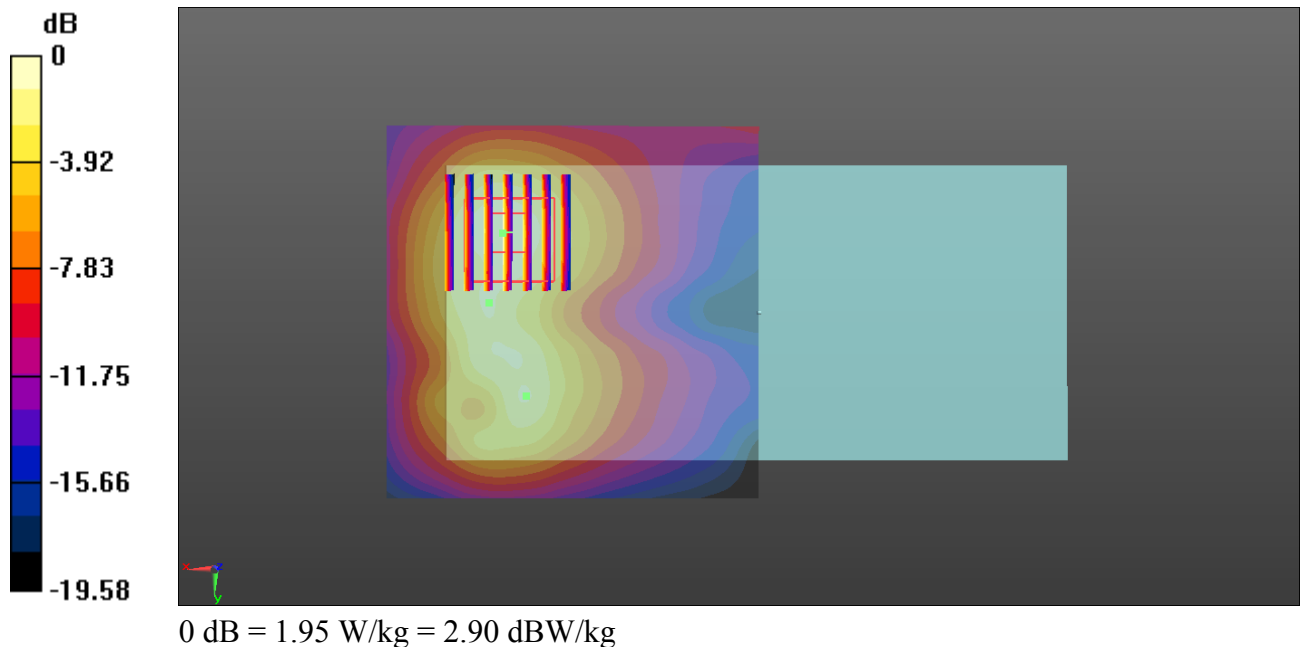
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.67 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.715 W/kg

Maximum value of SAR (measured) = 2.01 W/kg



32_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ch1

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz; Duty Cycle: 1:1.025

Medium: MSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ S/m; $\epsilon_r = 53.257$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.53, 7.53, 7.53); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch1/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.377 W/kg

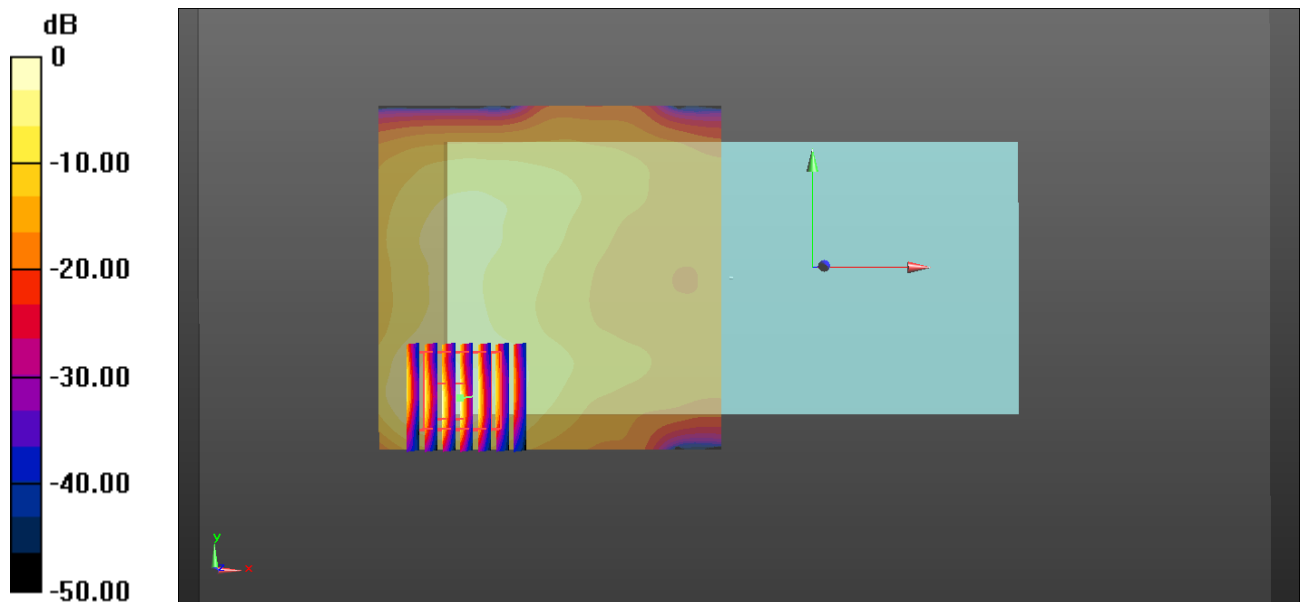
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.72 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 0.377 W/kg = -4.24 dBW/kg

33_Bluetooth_1Mbps_Back_5mm_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.298

Medium: MSL_2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 53.144$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.53, 7.53, 7.53); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch39/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0566 W/kg

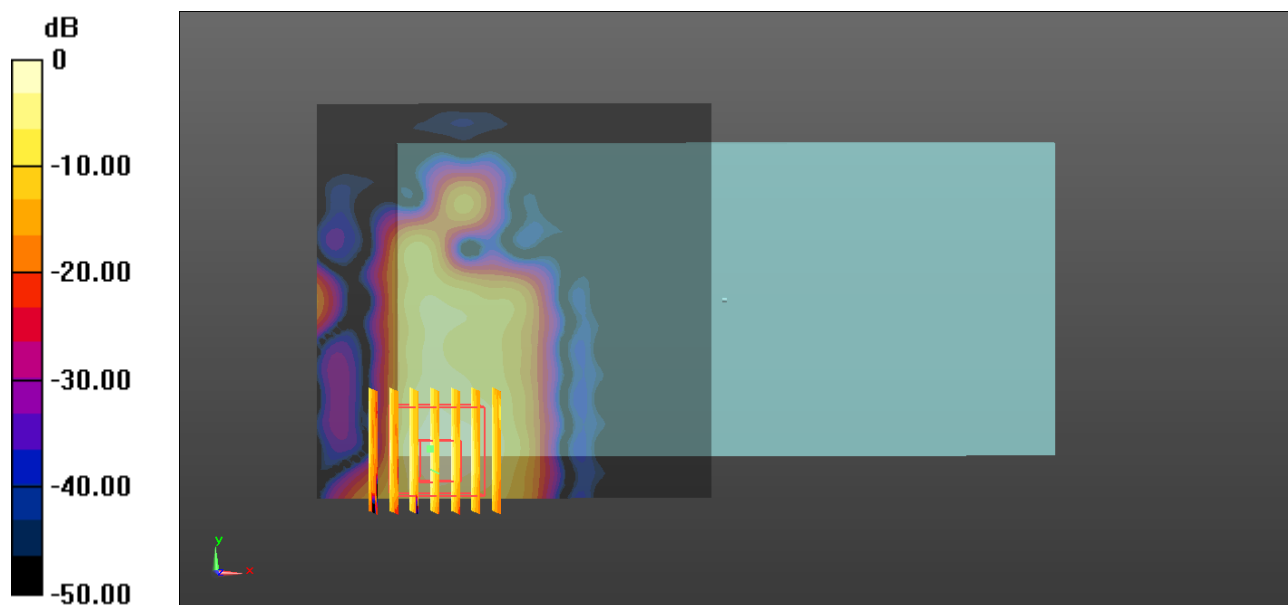
Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.178 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0530 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.00801 W/kg

Maximum value of SAR (measured) = 0.0409 W/kg



0 dB = 0.0566 W/kg = -12.47 dBW/kg

34_GSM1900_GPRS 4 Tx slots_Back_0mm_Ch661

Communication System: UID 0, GPRS/EDGE (4 Tx slots) (0); Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 53.992$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.03, 8.03, 8.03); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch661/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.13 W/kg

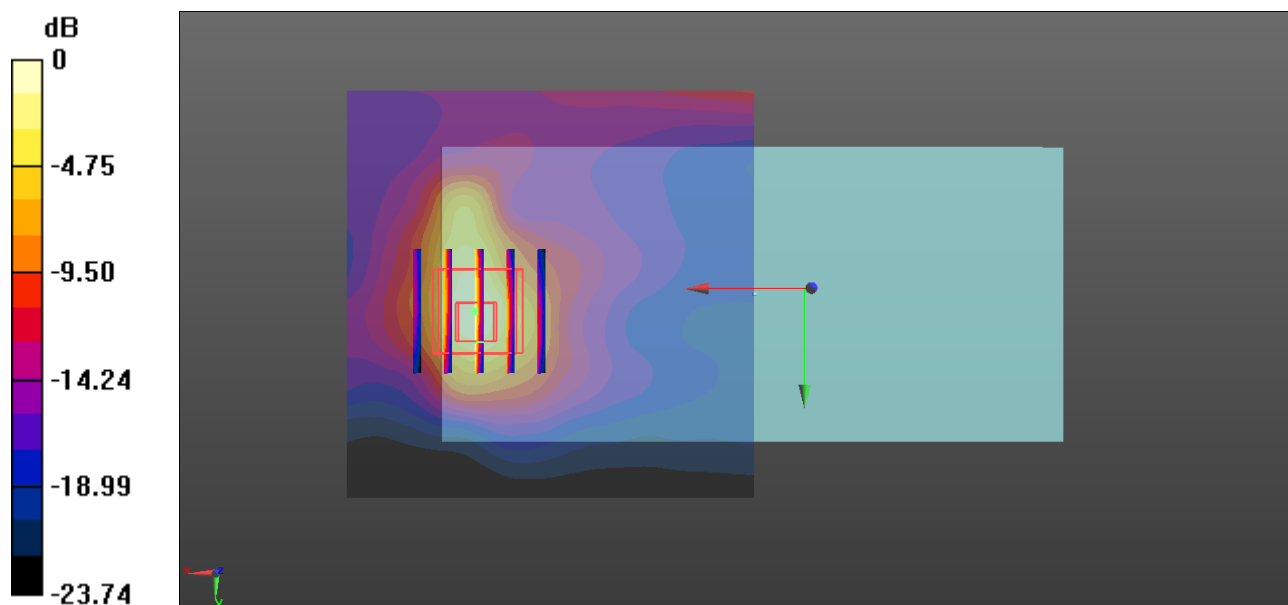
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 59.72 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 7.71 W/kg

SAR(1 g) = 3.87 W/kg; SAR(10 g) = 1.96 W/kg

Maximum value of SAR (measured) = 6.37 W/kg



0 dB = 6.13 W/kg = 7.87 dBW/kg

35_WCDMA Band IV_RMC 12.2Kbps_Bottom Side_0mm_Ch1312

Communication System: UID 0, UMTS (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750 Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r =$

54.601; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.31, 8.31, 8.31); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch1312/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.90 W/kg

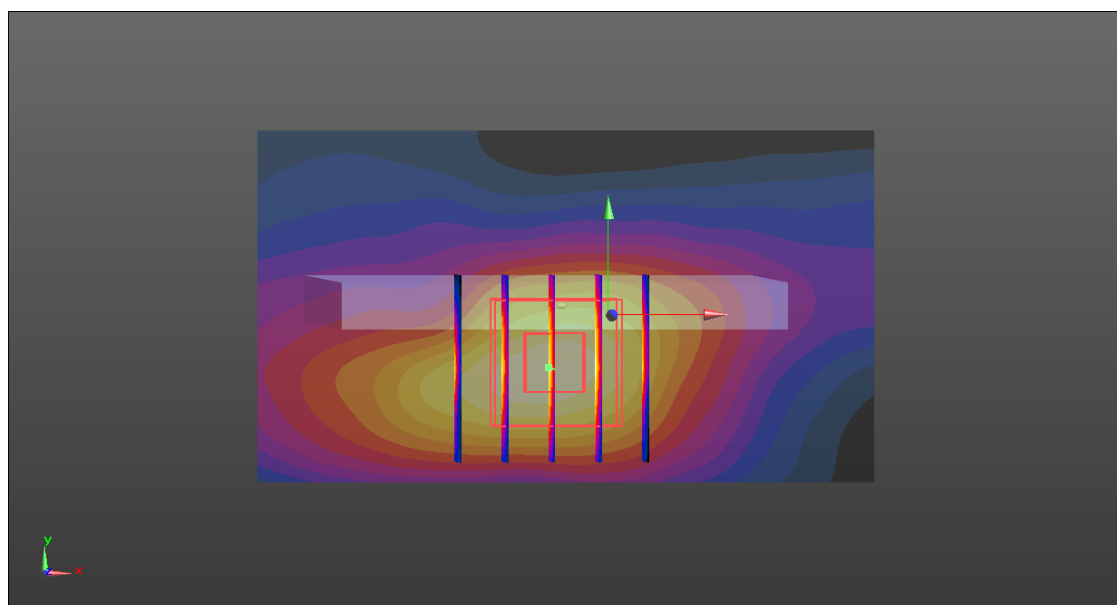
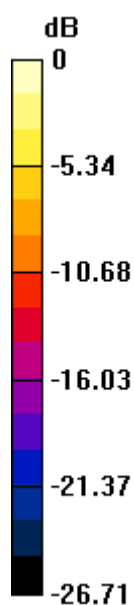
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 98.06 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 13.1 W/kg

SAR(1 g) = 7.11 W/kg; SAR(10 g) = 3.34 W/kg

Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 8.90 W/kg = 9.49 dBW/kg

36_WCDMA II_RMC 12.2Kbps_Back_0mm_Ch9400

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

Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 53.992$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.03, 8.03, 8.03); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch9400/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.72 W/kg

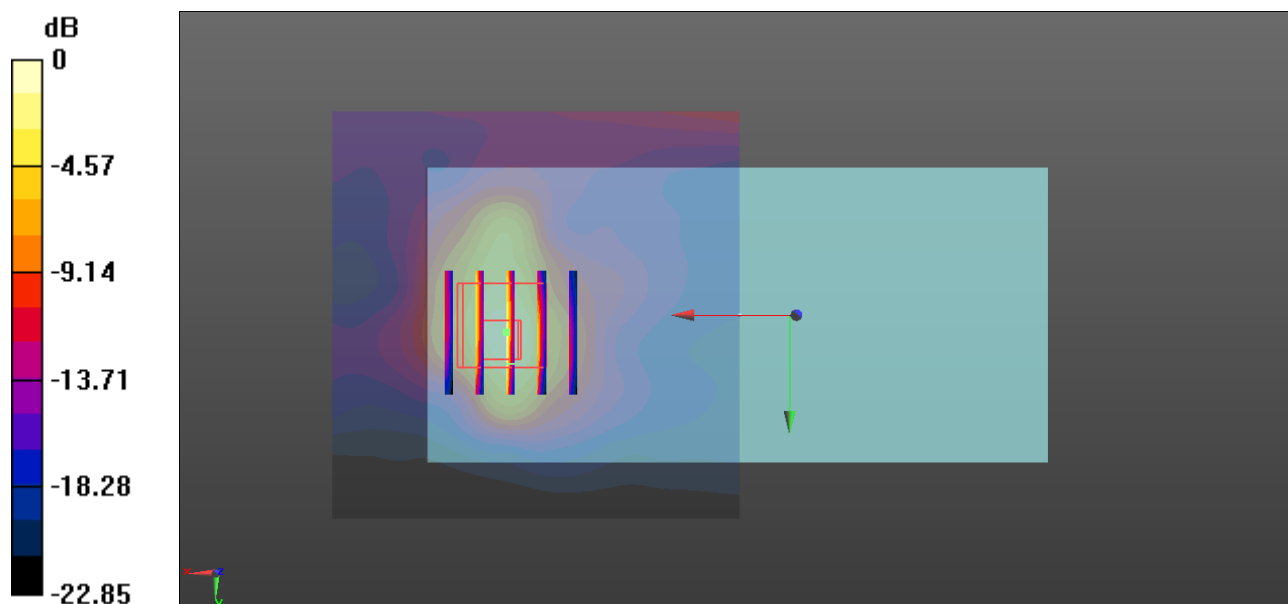
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 75.21 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 5.87 W/kg; SAR(10 g) = 2.9 W/kg

Maximum value of SAR (measured) = 9.00 W/kg



0 dB = 9.72 W/kg = 9.88 dBW/kg

37_LTE Band 66_20M_QPSK_1RB_99Offset_Bottom Side_0mm_Ch132322

Communication System: UID 0, FDD_LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.439$ S/m; $\epsilon_r = 54.485$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.31, 8.31, 8.31); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch132322/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.83 W/kg

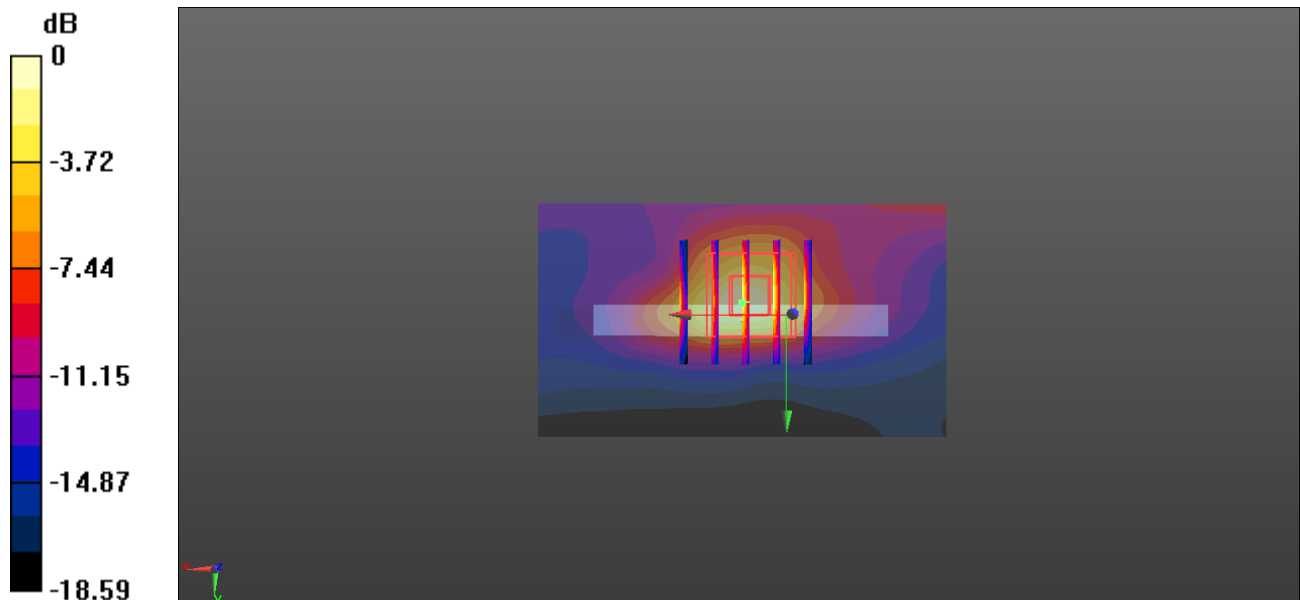
Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.61 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 7.15 W/kg; SAR(10 g) = 3.42 W/kg

Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 8.83 W/kg = 9.46 dBW/kg

38_LTE Band 2_20M_QPSK_1RB_0Offset_Back_0mm_Ch19100

Communication System: UID 0, FDD_LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 53.914$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.03, 8.03, 8.03); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch19100/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.80 W/kg

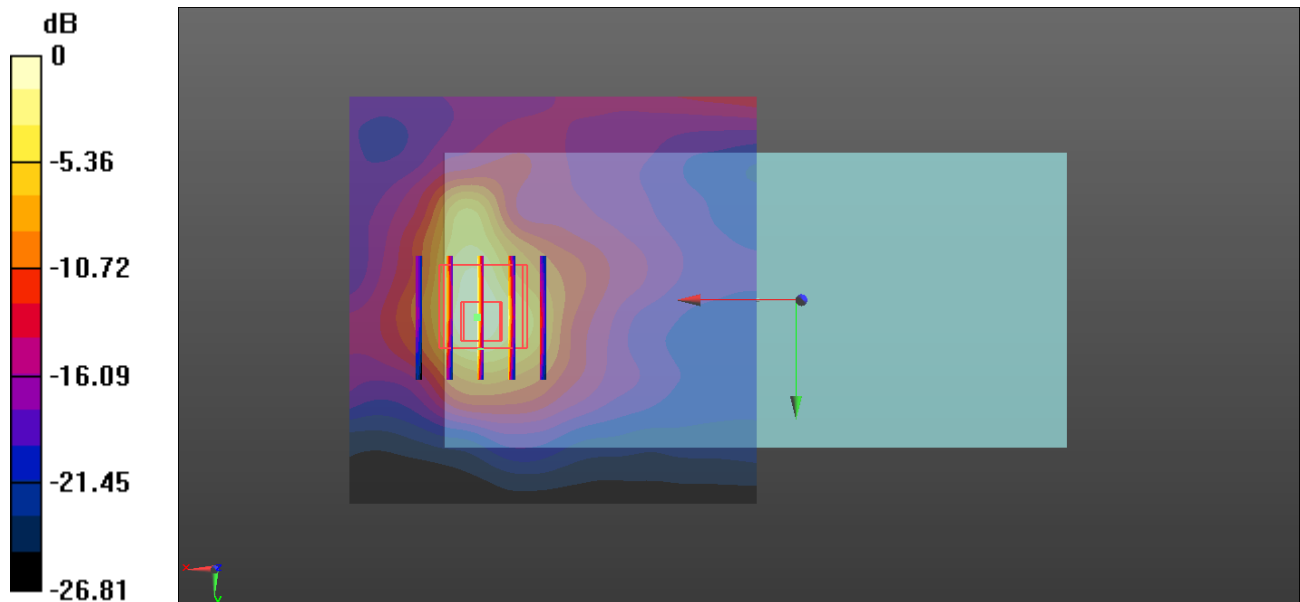
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 77.57 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 12.1 W/kg

SAR(1 g) = 6.27 W/kg; SAR(10 g) = 3.16 W/kg

Maximum value of SAR (measured) = 9.42 W/kg



0 dB = 9.80 W/kg = 9.91 dBW/kg

39_LTE Band 7_20M_QPSK_1RB_0Offset_Back_0mm_Extremity On_Ch21350

Communication System: UID 0, FDD_LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: MSL_2600 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.159$ S/m; $\epsilon_r = 52.664$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(6.92, 6.92, 6.92); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch21350/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 7.38 W/kg

Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 65.06 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 11.3 W/kg

SAR(1 g) = 5.5 W/kg; SAR(10 g) = 2.8 W/kg

Maximum value of SAR (measured) = 8.97 W/kg

