

01_GSM850_GPRS 4 Tx slots_Right Cheek_0mm_Ch128

Communication System: UID 0, GPRS/EDGE (4 Tx slots) (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: HSL_835 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 42.893$; $\rho = 1000$ 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)

Ch128/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.121 W/kg

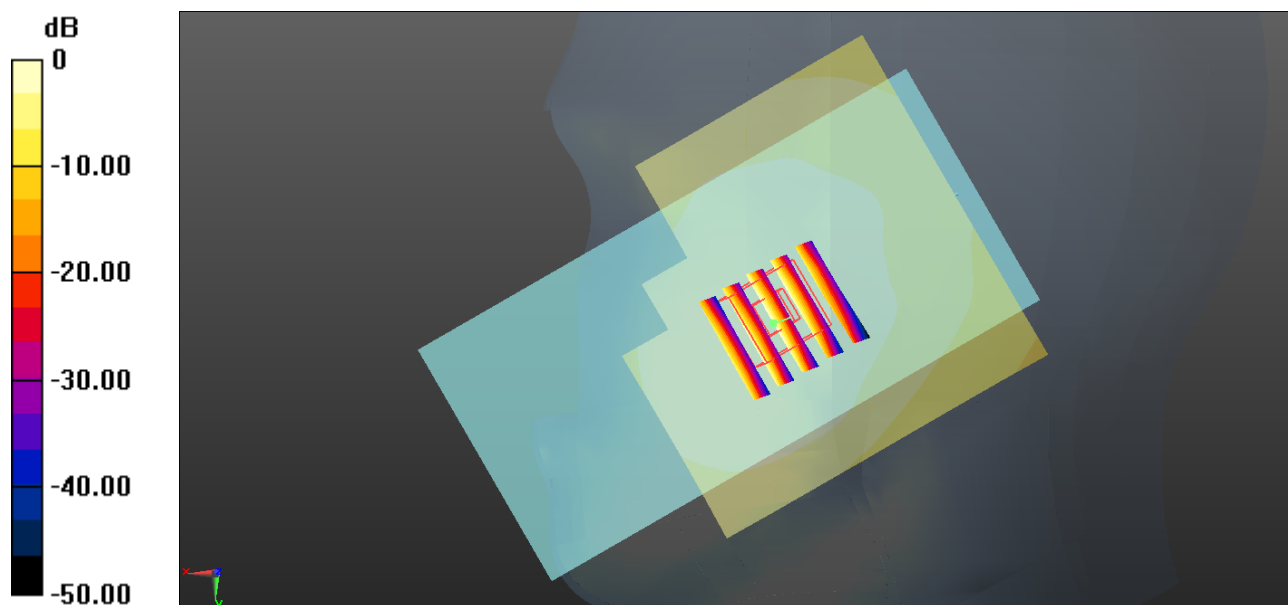
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.66 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.087 W/kg

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



0 dB = 0.121 W/kg = -9.17 dBW/kg

02_GSM1900_GPRS 4 Tx slots_Right 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 (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0497 W/kg

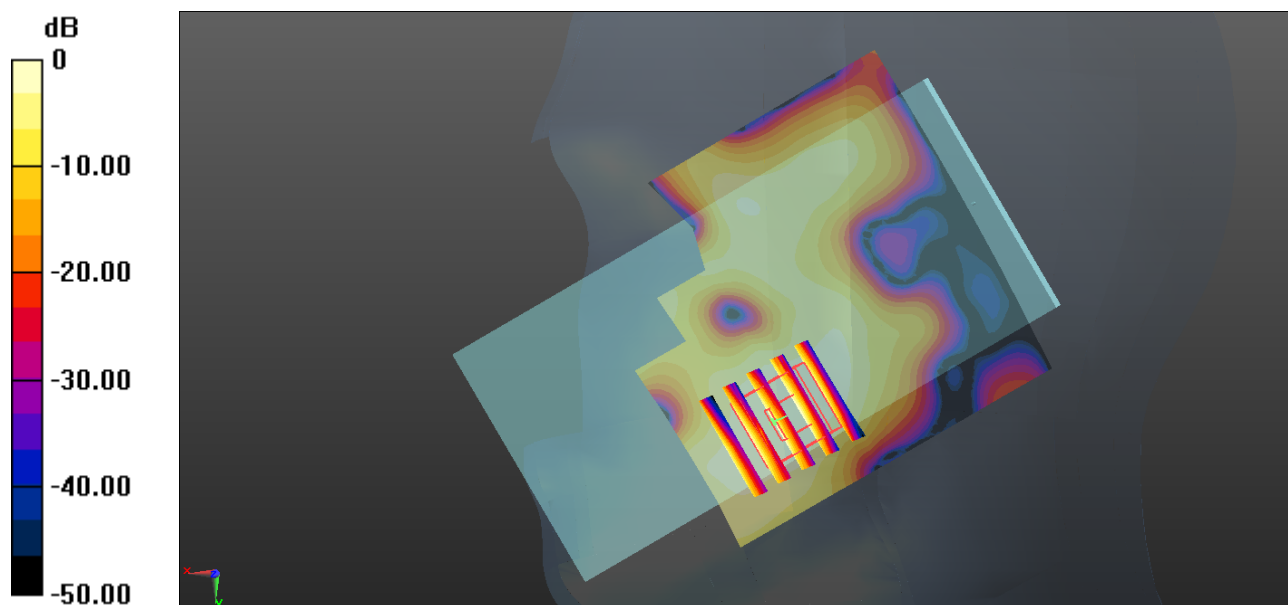
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.456 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.0460 W/kg

SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0407 W/kg



0 dB = 0.0497 W/kg = -13.04 dBW/kg

03_WCDMA Band V_RMC 12.2Kbps_Right Cheek_0mm_Ch4132

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

Medium: HSL_835 Medium parameters used: $f = 826.4$ 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 (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.243 W/kg

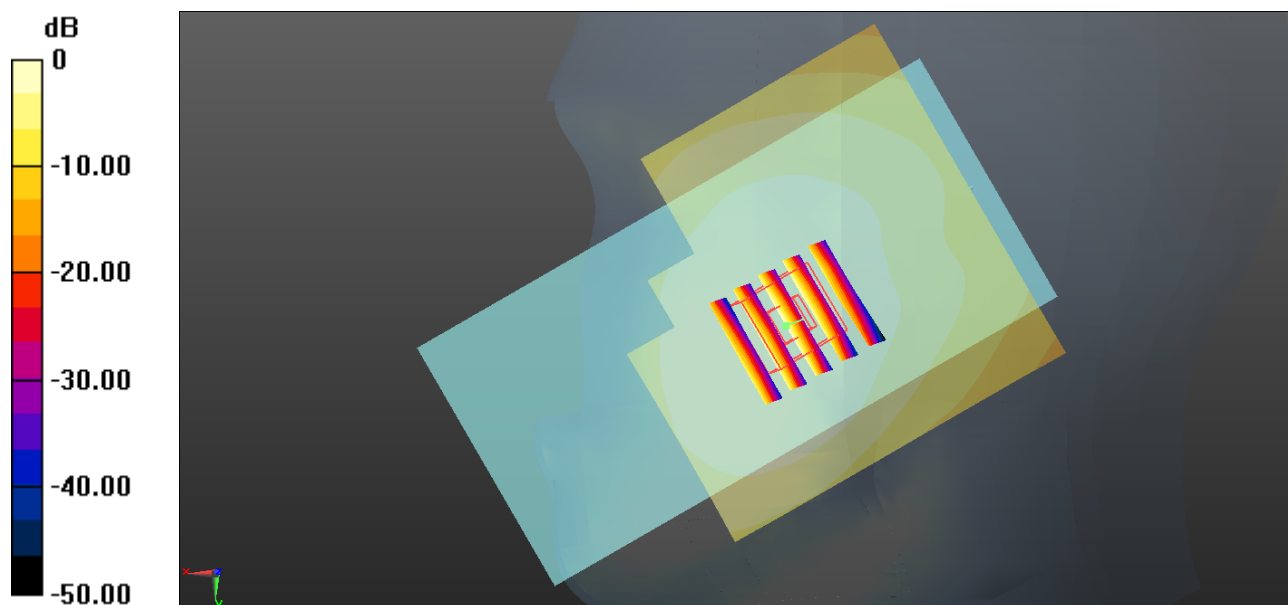
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.59 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.173 W/kg

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



0 dB = 0.243 W/kg = -6.14 dBW/kg

04_WCDMA Band II_RMC 12.2Kbps_Right 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 (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.111 W/kg

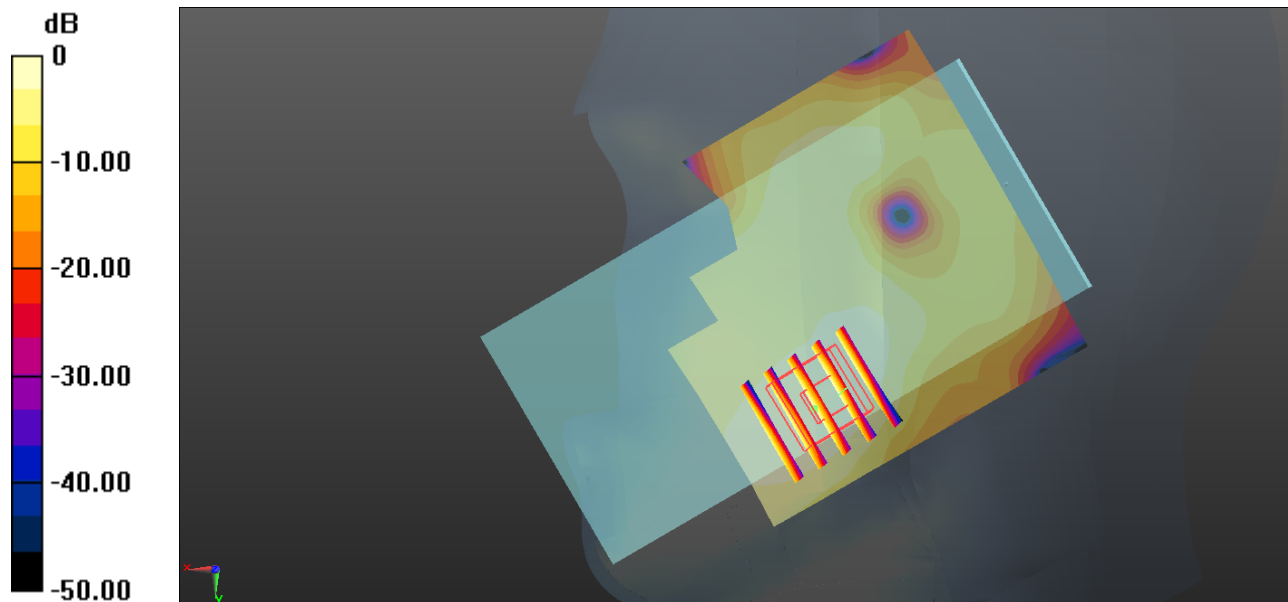
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.761 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.0985 W/kg



0 dB = 0.111 W/kg = -9.55 dBW/kg

05_LTE Band 5_10M_QPSK_1RB_49Offset_Right Cheek_0mm_Ch20525

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

Medium: HSL_835 Medium parameters used: $f = 836.5$ 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 (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.222 W/kg

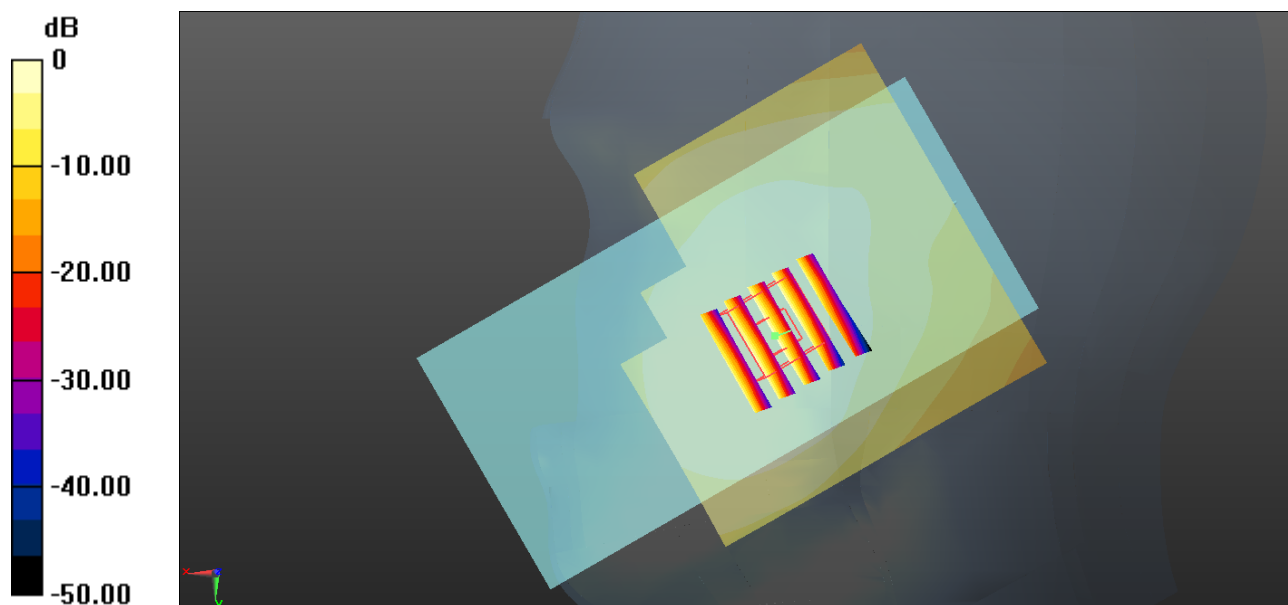
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.64 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.226 W/kg

SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.155 W/kg

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



0 dB = 0.222 W/kg = -6.54 dBW/kg

06_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 (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.130 W/kg

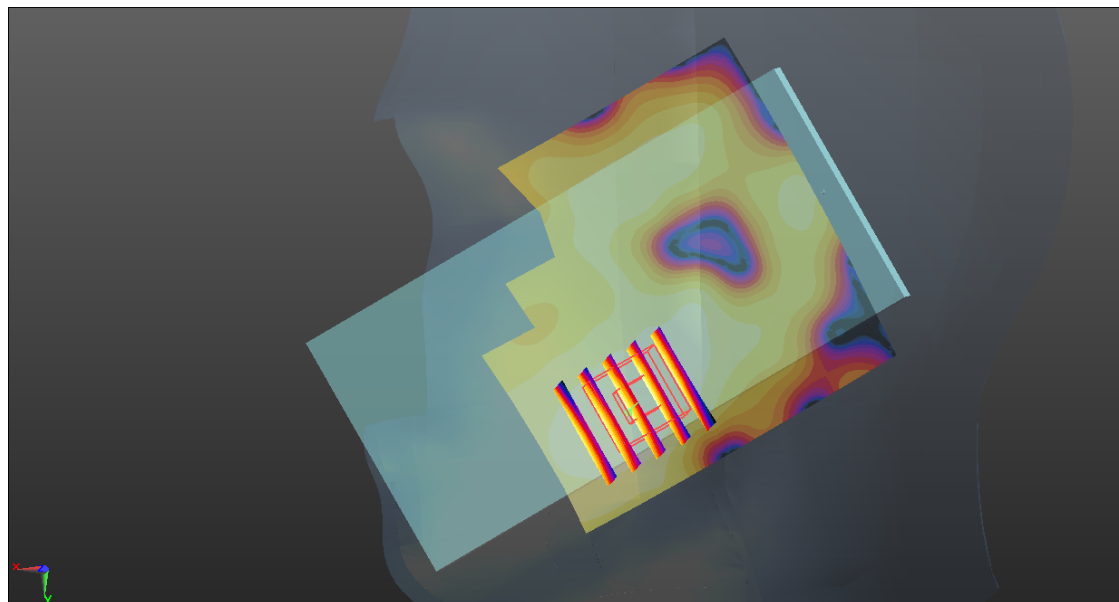
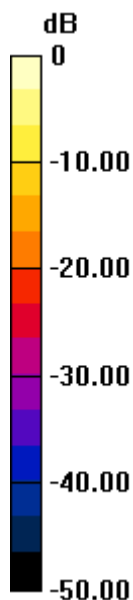
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.337 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.058 W/kg

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



0 dB = 0.130 W/kg = -8.86 dBW/kg

07_LTE Band 4_20M_QPSK_1RB_0Offset_Right Cheek_0mm_Ch20175

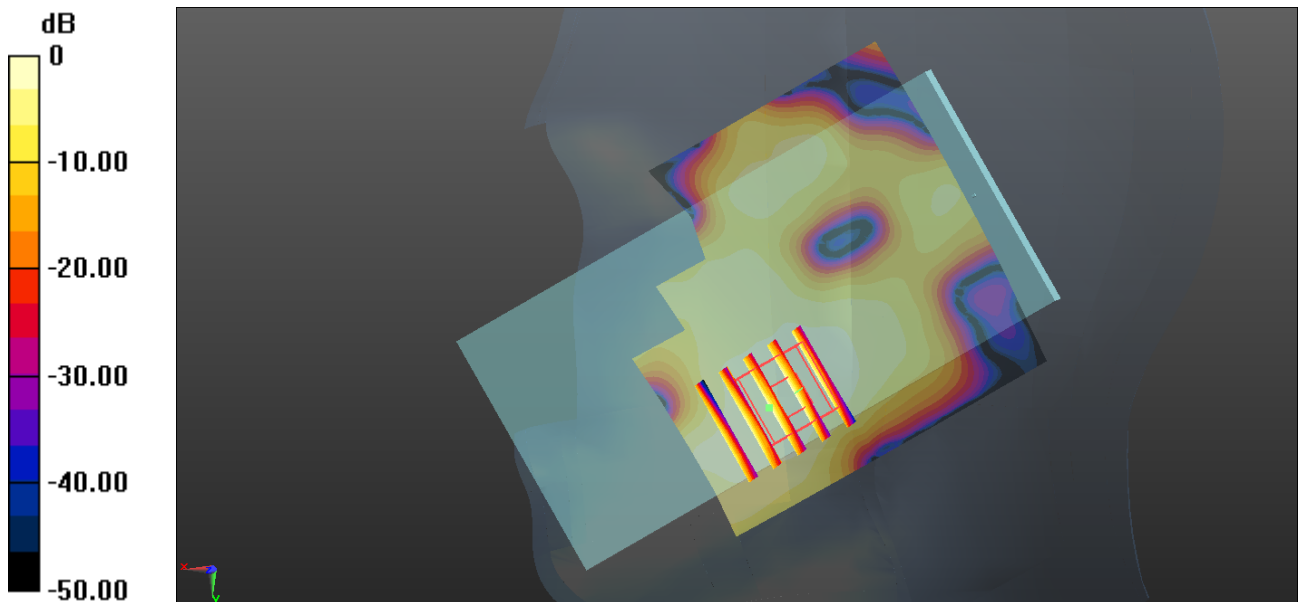
Communication System: UID 0, FDD_LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.327$ S/m; $\epsilon_r = 41.212$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

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)

Ch20175/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0573 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.098 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.0540 W/kg
SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0486 W/kg



0 dB = 0.0573 W/kg = -12.42 dBW/kg

08_LTE Band 7_20M_QPSK_1RB_0Offset_Right Cheek_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: 1.4mm (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)

Ch20850/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.116 W/kg

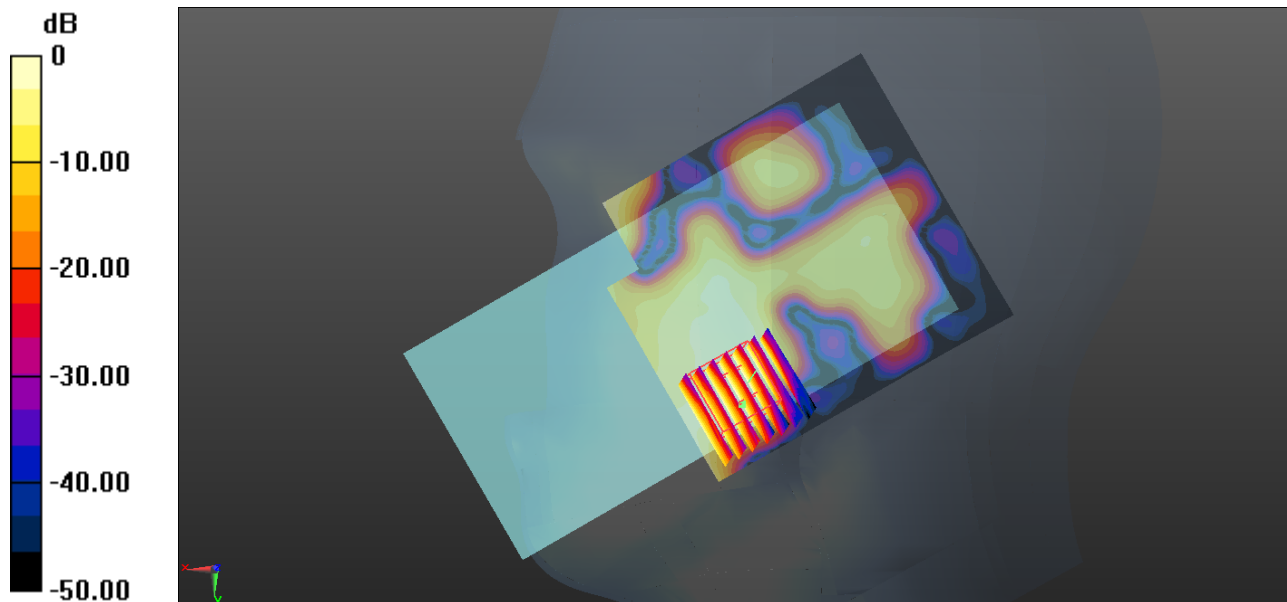
Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.722 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0990 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0836 W/kg



0 dB = 0.116 W/kg = -9.36 dBW/kg

09_LTE Band 41_20M_QPSK_1RB_49Offset_Left Tilted_0mm_Ch40400

Communication System: UID 0, TDD_LTE (0); Frequency: 2571 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600 Medium parameters used: $f = 2571$ MHz; $\sigma = 2.004$ S/m; $\epsilon_r = 37.995$; $\rho = 1000$ 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: 1.4mm (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)

Ch40400/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0645 W/kg

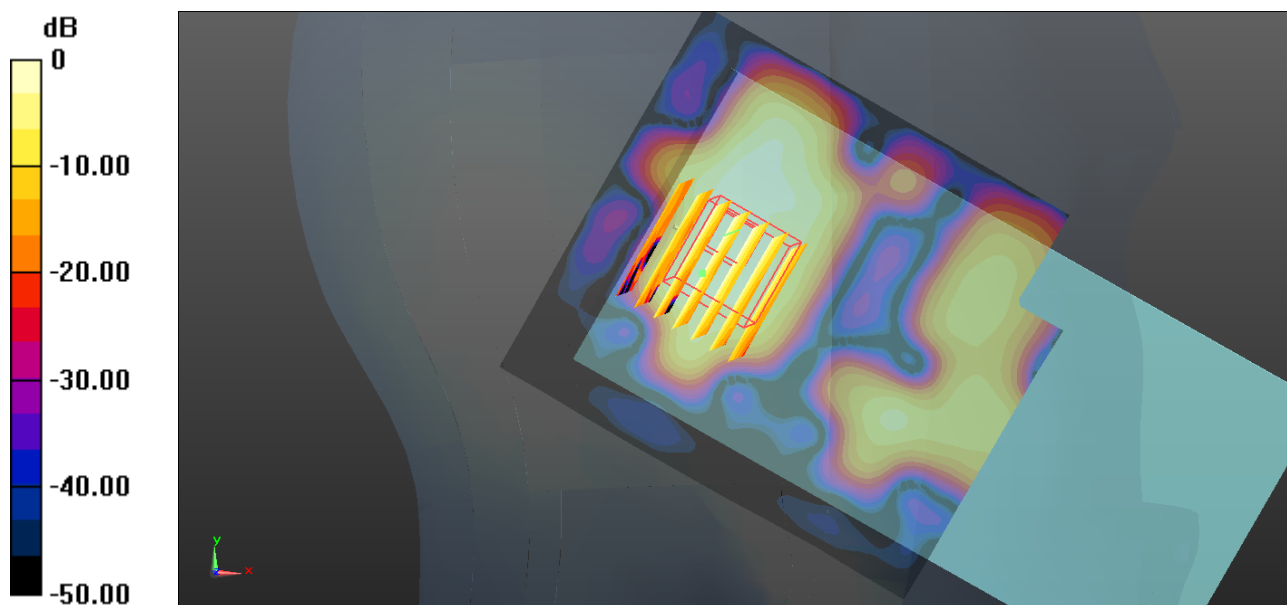
Ch40400/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.080 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0620 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.012 W/kg

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



0 dB = 0.0645 W/kg = -11.90 dBW/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 (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.696 W/kg

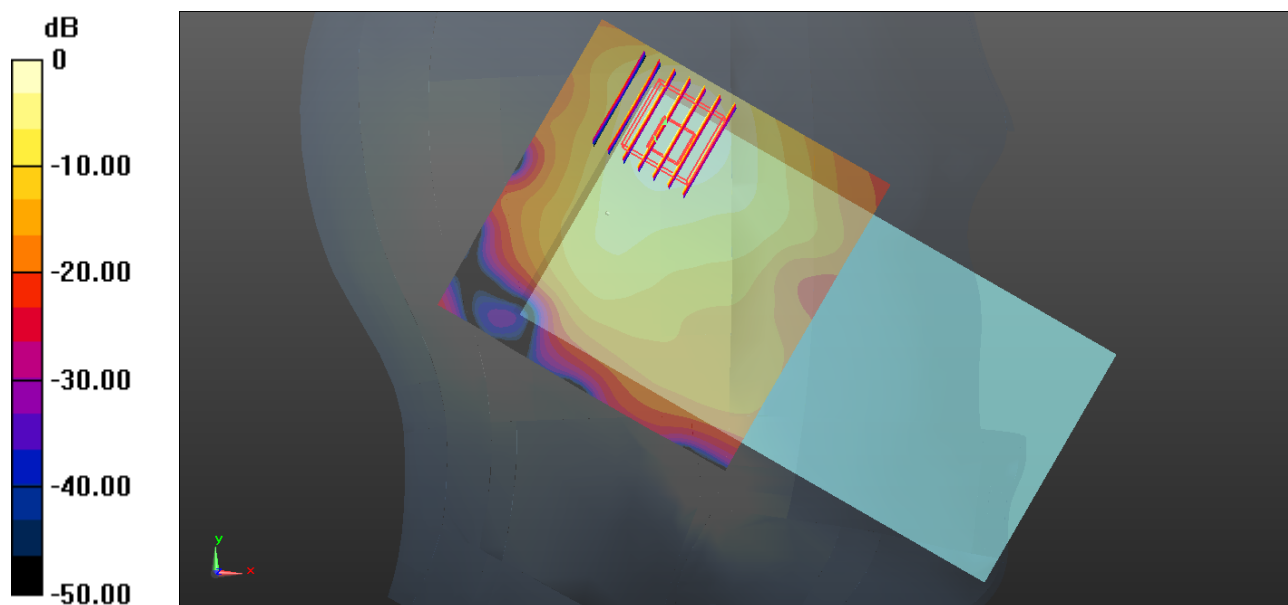
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.13 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.763 W/kg

SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.599 W/kg



0 dB = 0.696 W/kg = -1.57 dBW/kg

11_Bluetooth_DH5 1Mbps_Left Cheek_0mm_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

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

Maximum value of SAR (interpolated) = 0.212 W/kg

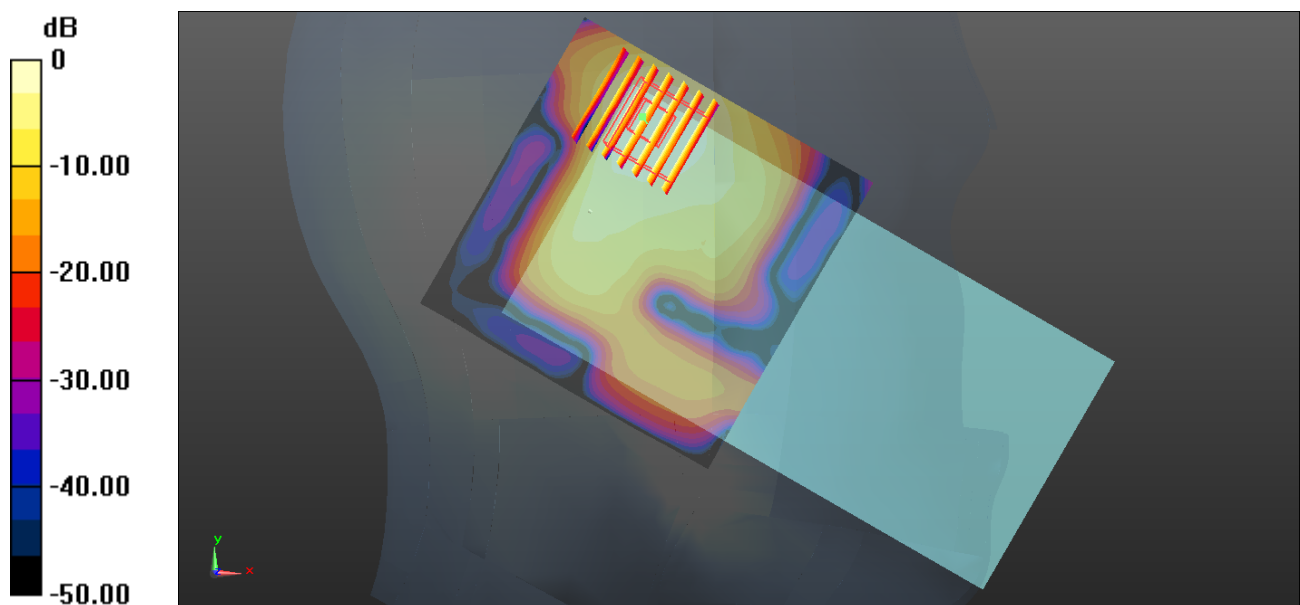
Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.927 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.056 W/kg

Maximum value of SAR (measured) = 0.168 W/kg



0 dB = 0.212 W/kg = -6.74 dBW/kg

12_GSM850_GPRS 4 Tx slots_Back_5mm_Ch128

Communication System: UID 0, GPRS/EDGE (4 Tx slots) (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: MSL_850 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 55.397$; $\rho = 1000$ 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)

Ch128/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.498 W/kg

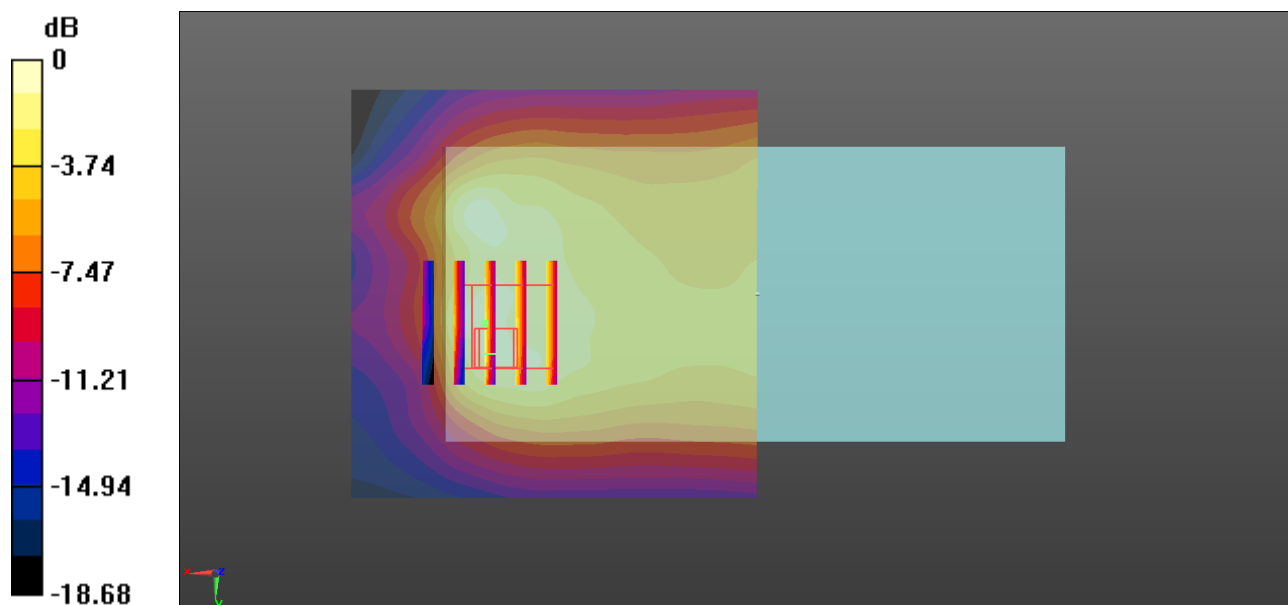
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.88 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.636 W/kg

SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 0.529 W/kg



0 dB = 0.498 W/kg = -3.03 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: 1:2.08

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 (31x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

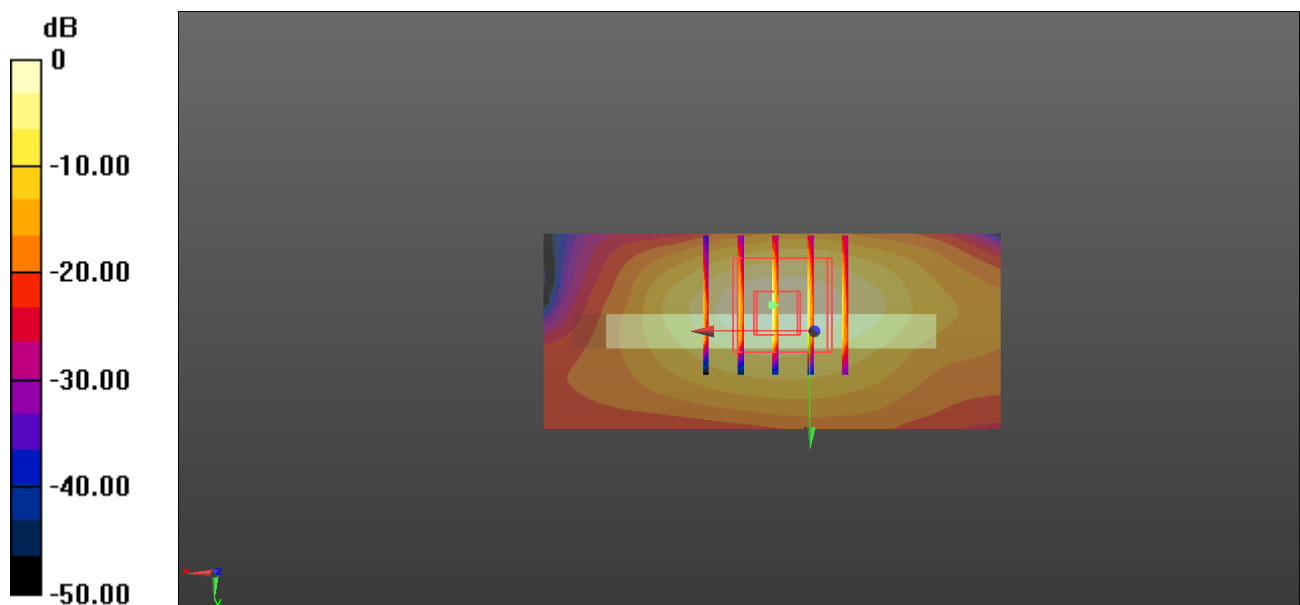
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.41 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.637 W/kg

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



14_WCDMA Band V_RMC 12.2Kbps_Back_5mm_Ch4132

Communication System: UID 0, UMTS (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 14.6.11 (7439)

Ch4132/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.625 W/kg

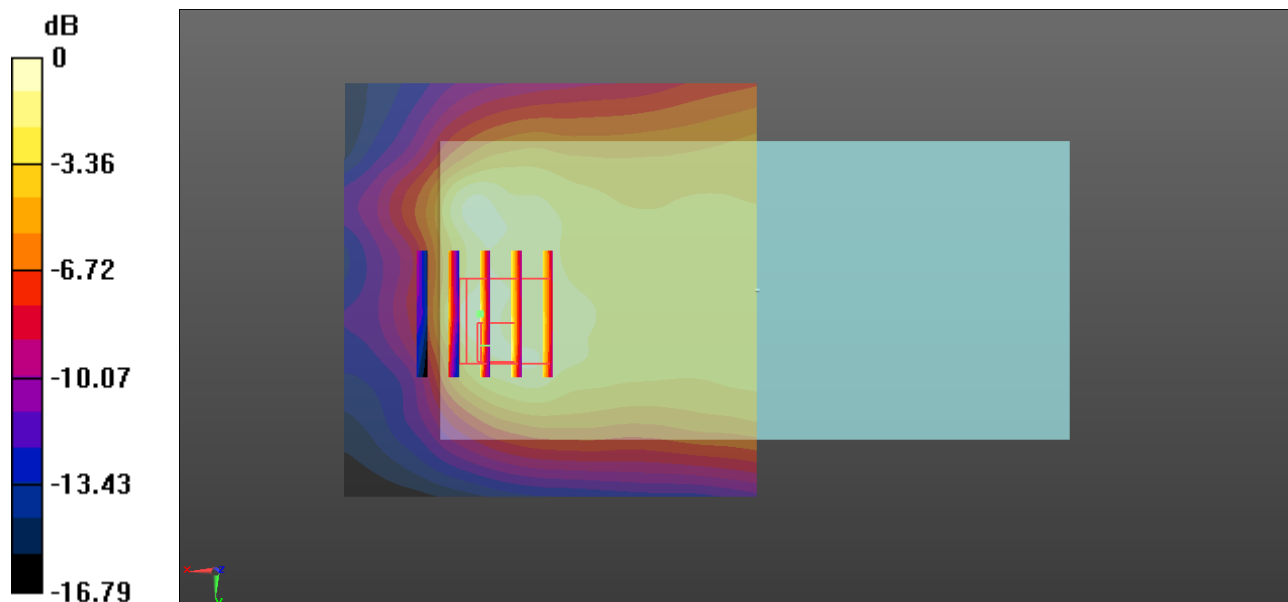
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.26 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.280 W/kg

Maximum value of SAR (measured) = 0.624 W/kg



0 dB = 0.625 W/kg = -2.04 dBW/kg

15_WCDMA Band II_RMC 12.2Kbps_Botton 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) = 1.55 W/kg

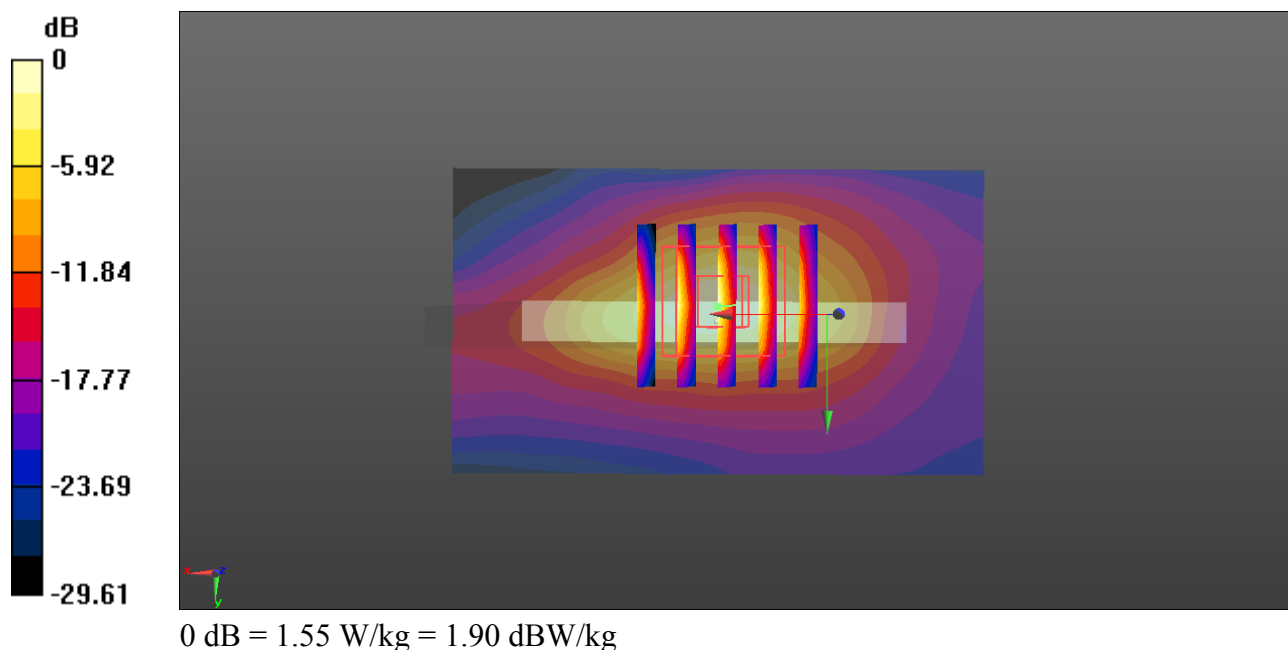
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.25 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.559 W/kg

Maximum value of SAR (measured) = 1.52 W/kg



16_LTE Band 5_10M_QPSK_1RB_49Offset_Back_5mm_Ch20525

Communication System: UID 0, FDD_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 14.6.11 (7439)

Ch20525/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

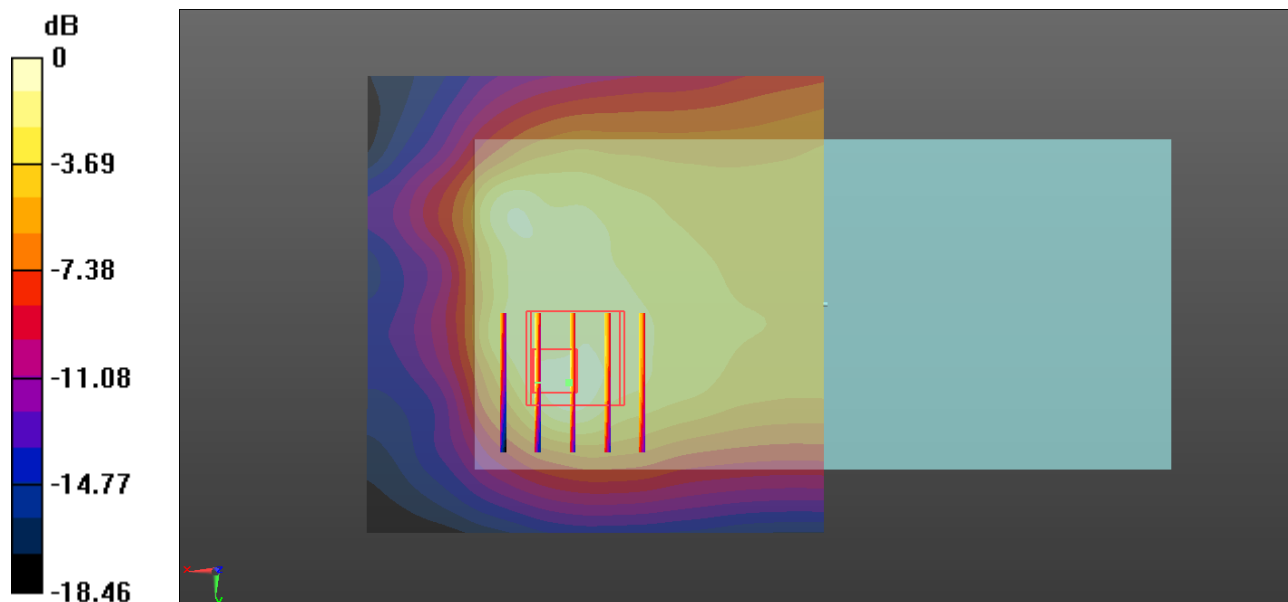
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.04 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.879 W/kg

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.698 W/kg



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

17_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) = 1.62 W/kg

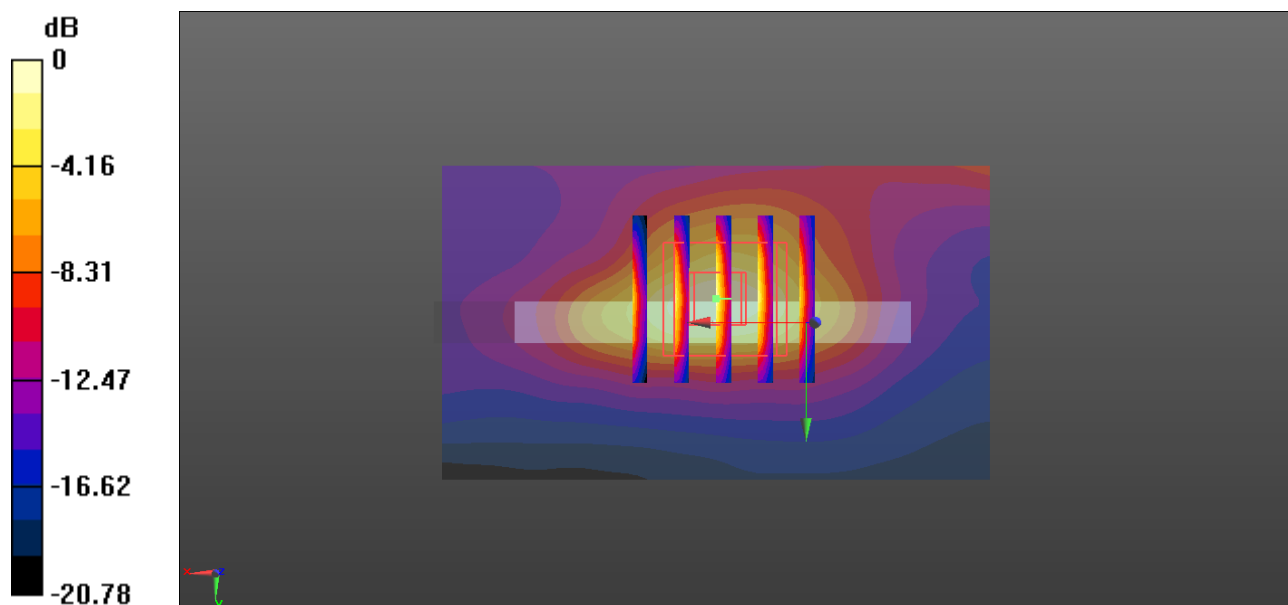
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.09 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.571 W/kg

Maximum value of SAR (measured) = 1.70 W/kg



18_LTE Band 4_20M_QPSK_100RB_0Offset_Bottom Side_5mm_Ch20175

Communication System: UID 0, FDD_LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 54.36$; $\rho = 1000$

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)

Ch20175/Area Scan (31x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.53 W/kg

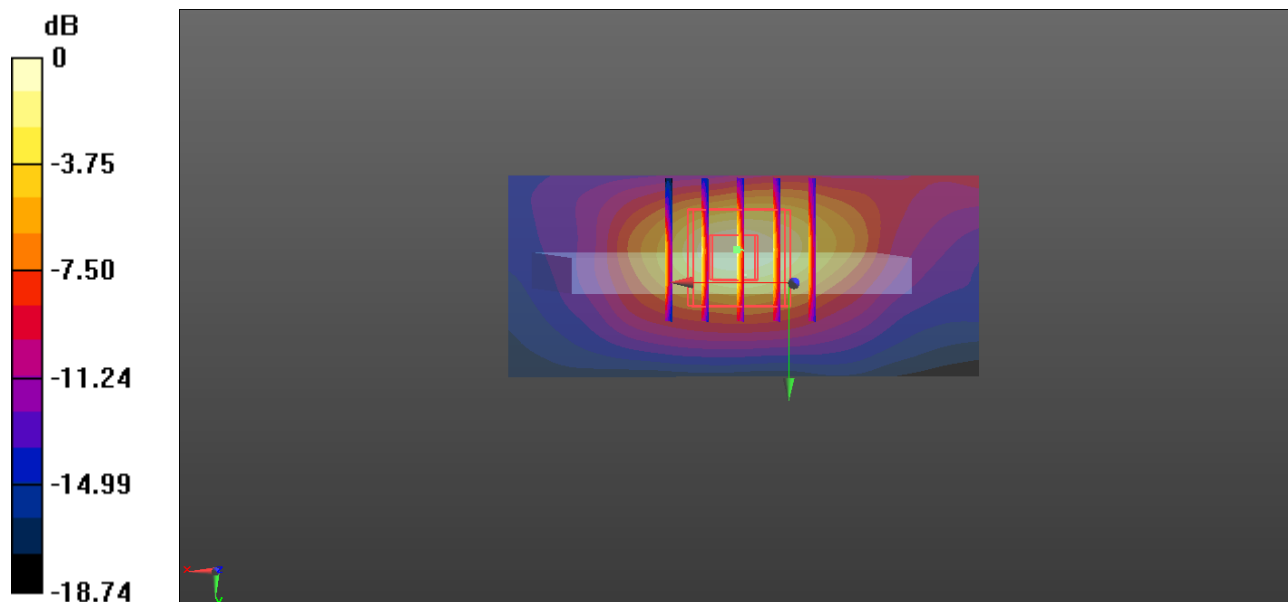
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.12 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.518 W/kg

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



0 dB = 1.53 W/kg = 1.85 dBW/kg

19_LTE Band 7_20M_QPSK_1RB_0Offset_Back_5mm_Ch21350

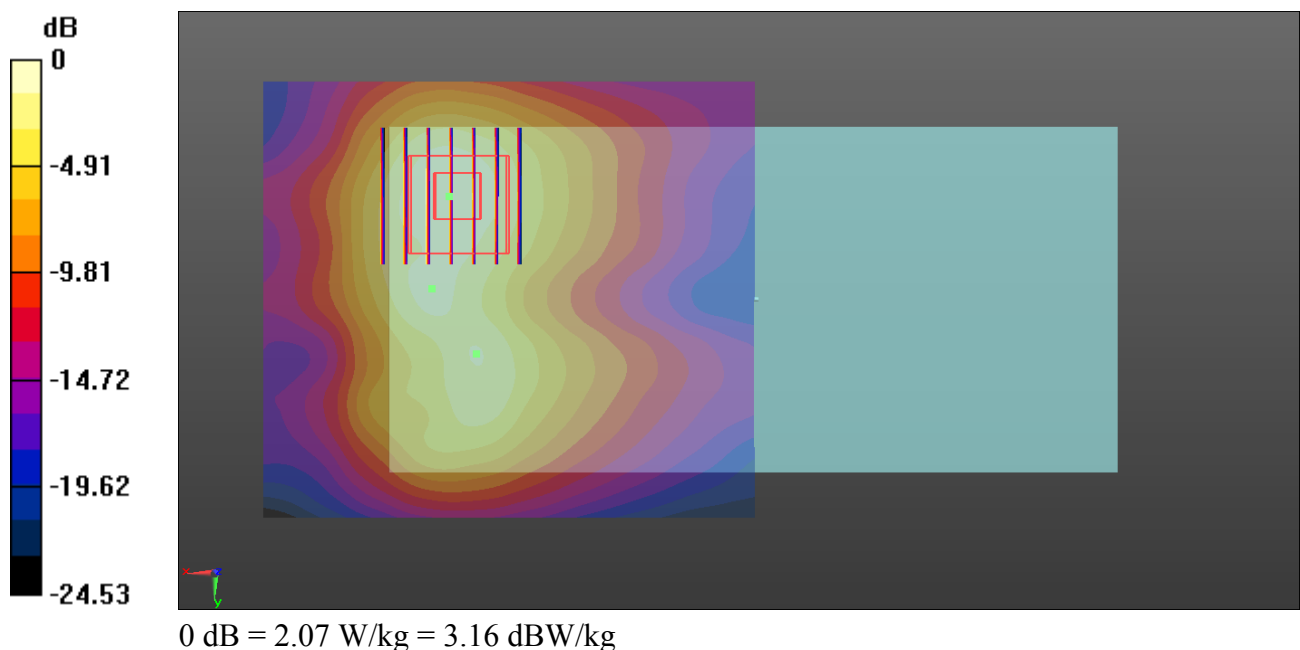
Communication System: UID 0, FDD_LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: MSL_2600 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.159$ S/m; $\epsilon_r = 52.664$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

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 (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 2.07 W/kg

Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.36 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.62 W/kg
SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.711 W/kg
Maximum value of SAR (measured) = 2.14 W/kg



20_LTE Band 41_20M_QPSK_50RB_24Offset_Back_5mm_Ch40140

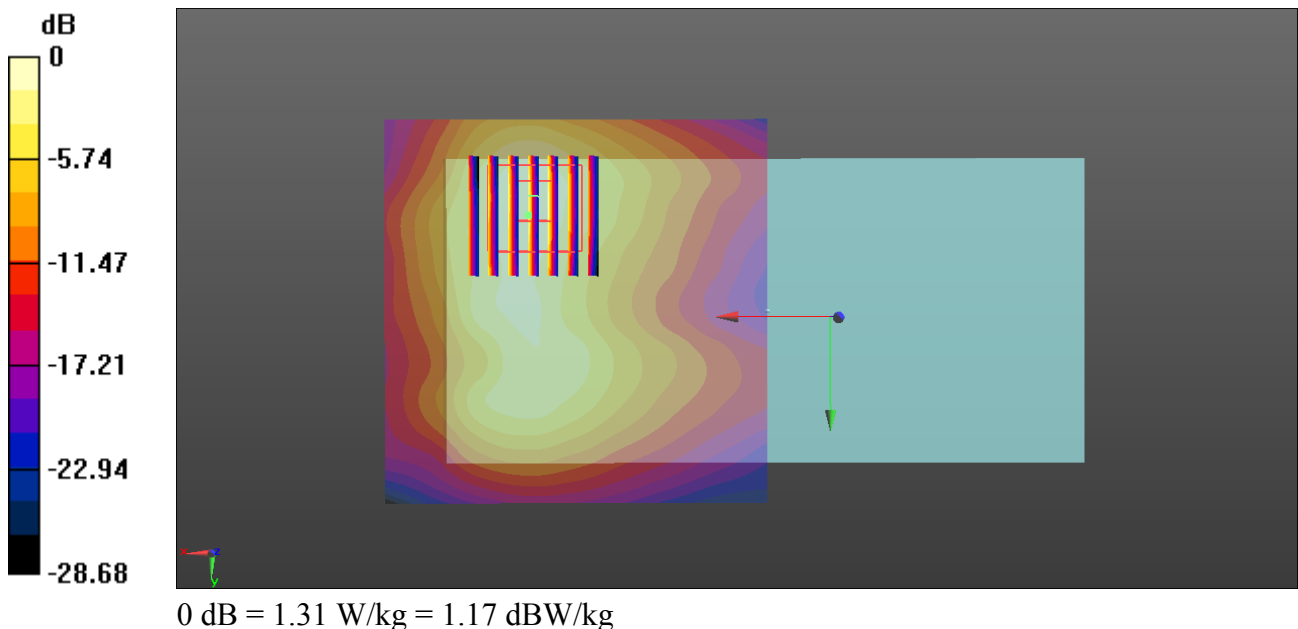
Communication System: UID 0, TDD_LTE (0); Frequency: 2545 MHz; Duty Cycle: 1:1.59
Medium: MSL_2600 Medium parameters used : $f = 2545$ MHz; $\sigma = 2.138$ S/m; $\epsilon_r = 52.729$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

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)

Ch40140/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Ch40140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.30 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.445 W/kg
Maximum value of SAR (measured) = 1.31 W/kg



21_WLAN2.4GHz_802.11b 1Mbps_Top Side_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 (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

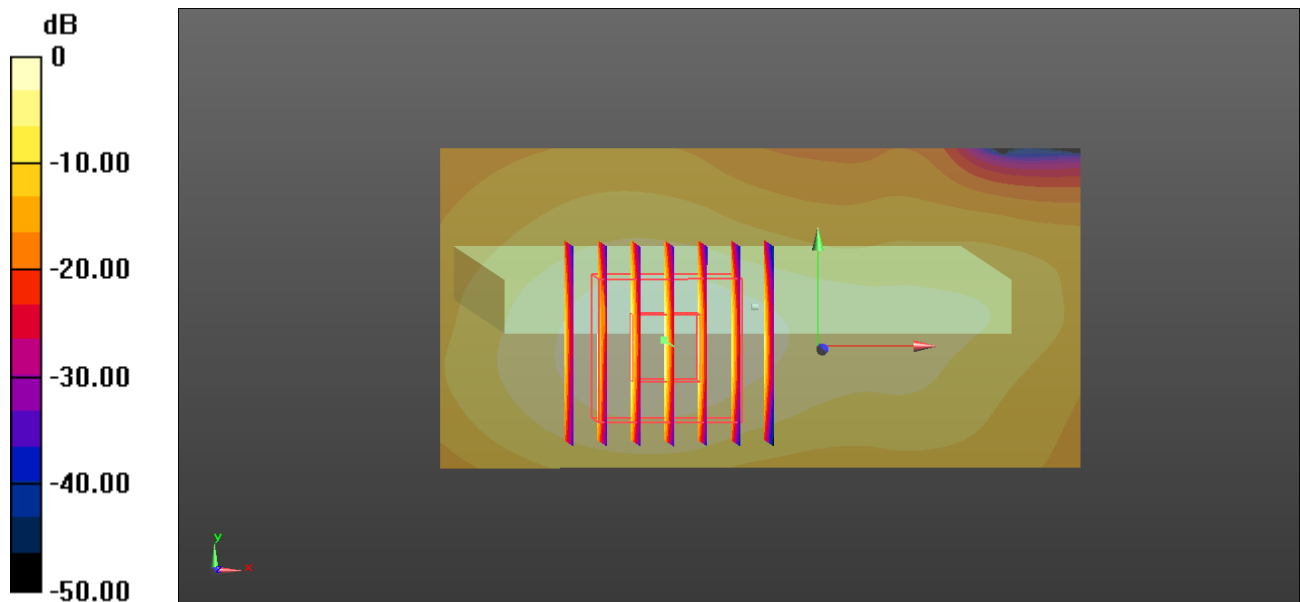
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.86 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.120 W/kg

Maximum value of SAR (measured) = 0.331 W/kg



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

22_Bluetooth_DH5 1Mbps_Back_5mm_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

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 (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.100 W/kg

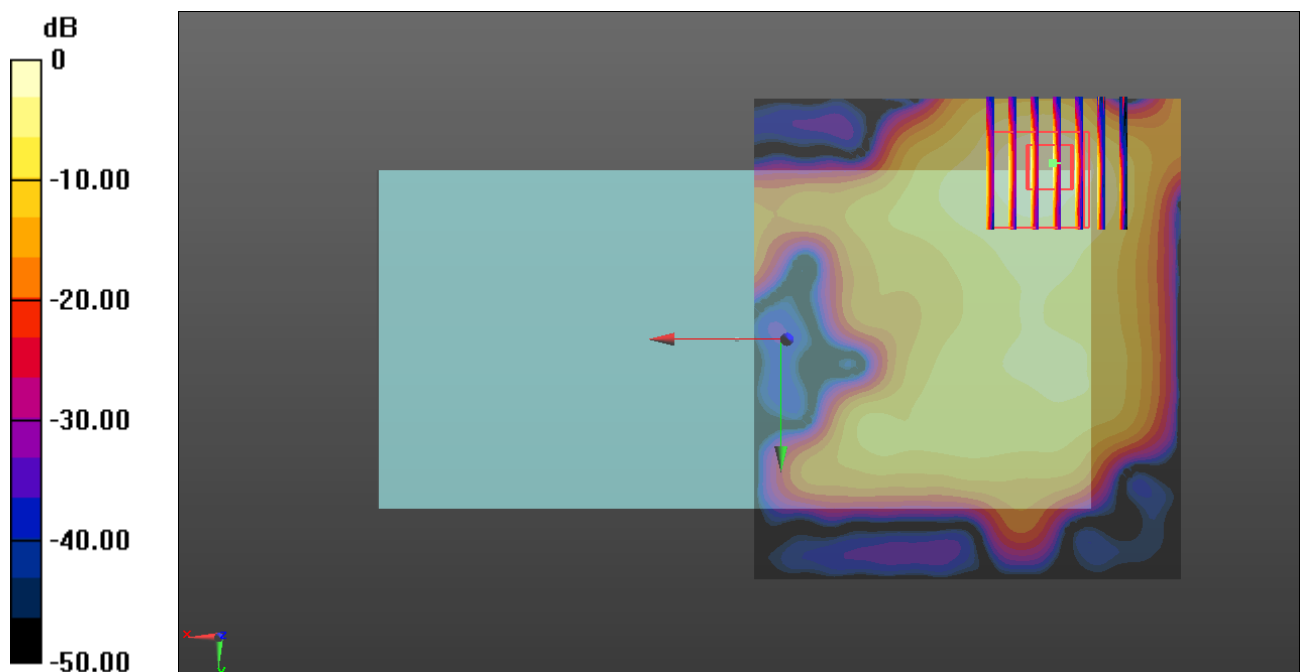
Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.271 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.0936 W/kg



0 dB = 0.100 W/kg = -10.00 dBW/kg

23_GSM850_GPRS 4 Tx slots_Back_5mm_Ch128

Communication System: UID 0, GPRS/EDGE (4 Tx slots) (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: MSL_850 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 55.397$; $\rho = 1000$ 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)

Ch128/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.498 W/kg

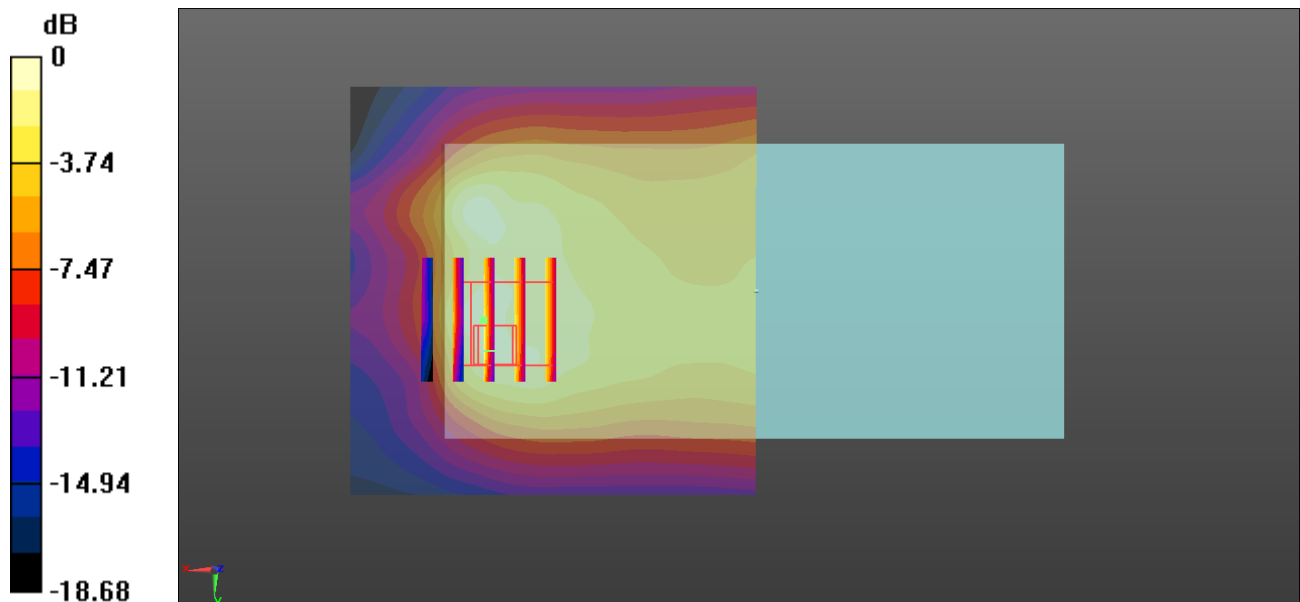
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.88 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.636 W/kg

SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 0.529 W/kg



0 dB = 0.498 W/kg = -3.03 dBW/kg

24_GSM1900_GPRS 4 Tx slots_Back_5mm_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) = 1.71 W/kg

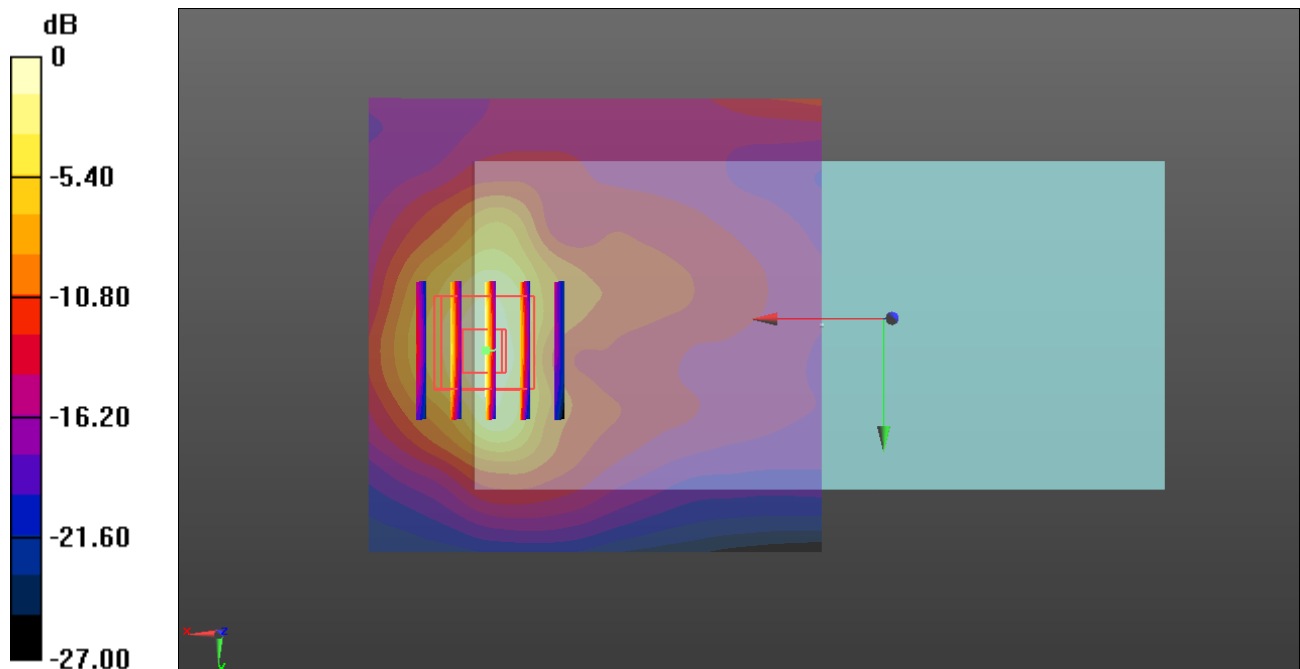
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.77 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.652 W/kg

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



0 dB = 1.71 W/kg = 2.33 dBW/kg

25_WCDMA Band V_RMC 12.2Kbps_Back_5mm_Ch4132

Communication System: UID 0, UMTS (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 14.6.11 (7439)

Ch4132/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.625 W/kg

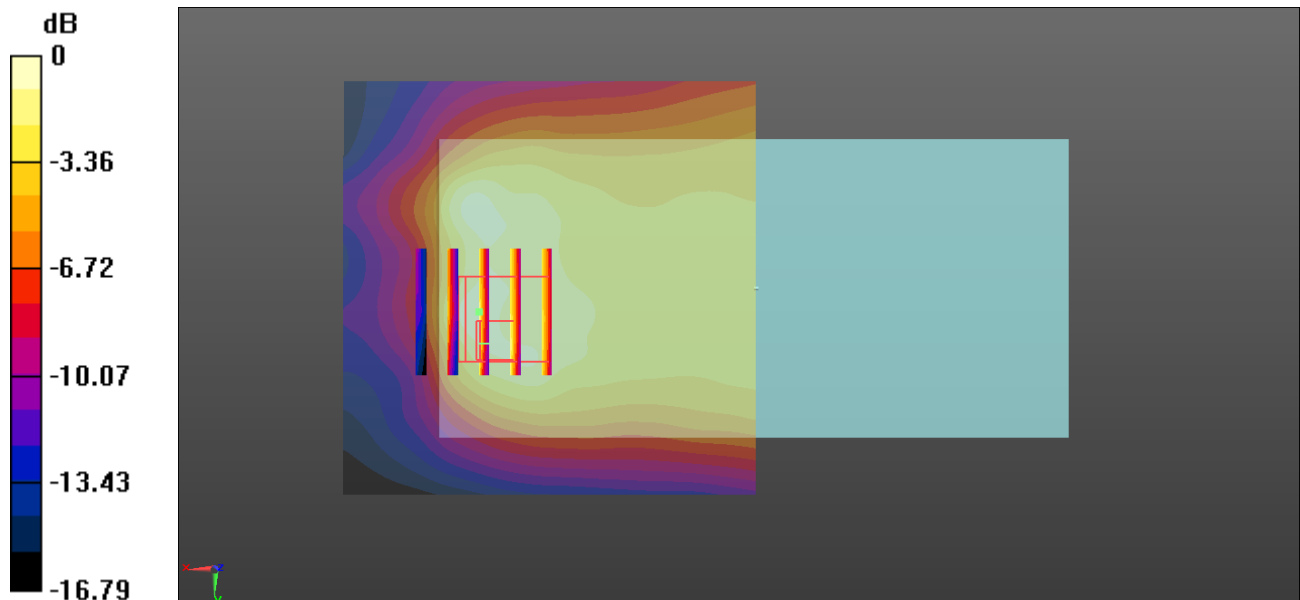
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.26 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.280 W/kg

Maximum value of SAR (measured) = 0.624 W/kg



0 dB = 0.625 W/kg = -2.04 dBW/kg

26_WCDMA Band II_RMC 12.2Kbps_Back_5mm_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) = 1.68 W/kg

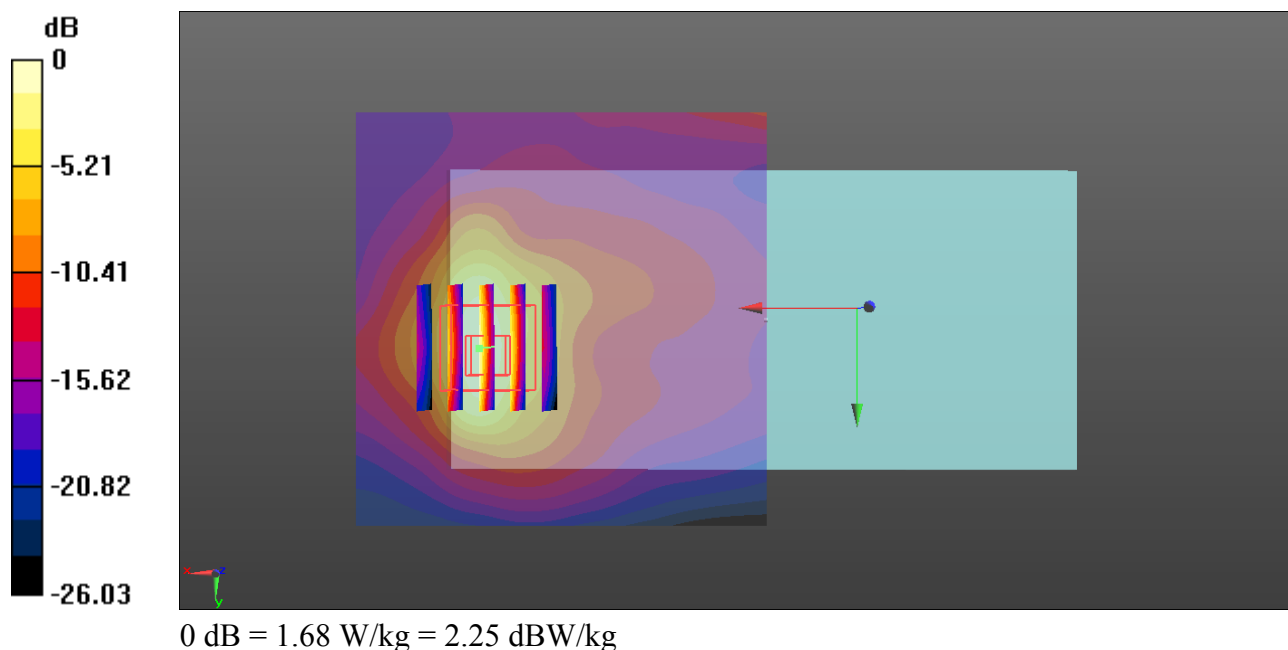
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.75 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.682 W/kg

Maximum value of SAR (measured) = 1.74 W/kg



27_LTE Band 5_10M_QPSK_1RB_49Offset_Back_5mm_Ch20525

Communication System: UID 0, FDD_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 14.6.11 (7439)

Ch20525/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

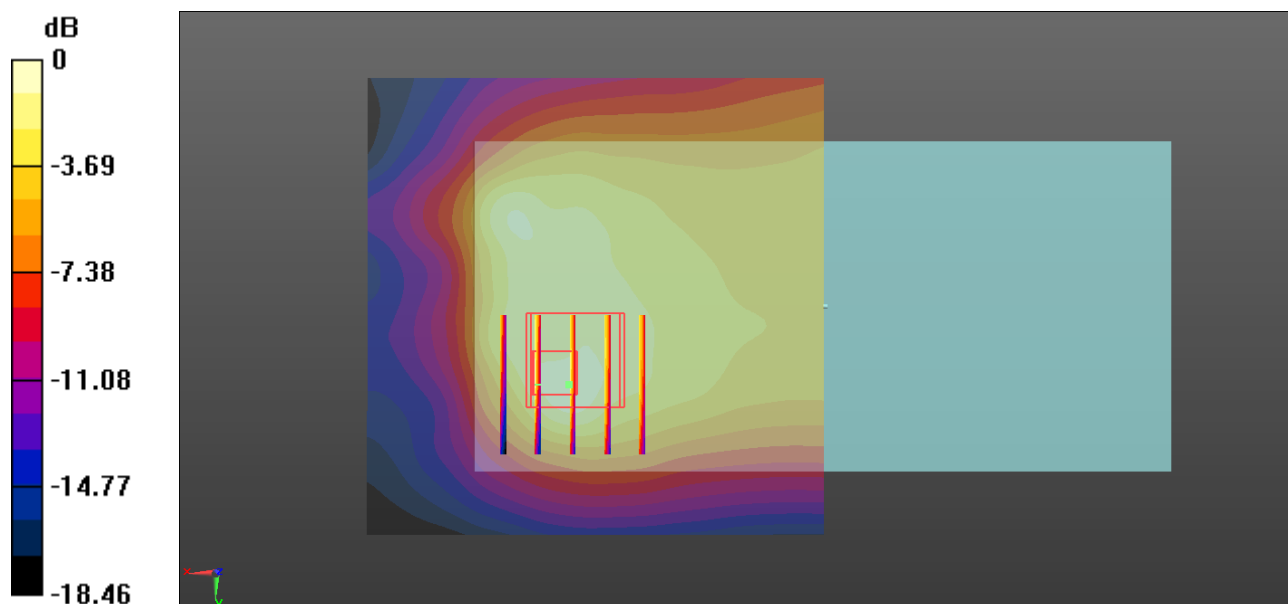
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.04 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.879 W/kg

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.698 W/kg



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

28_LTE Band 2_20M_QPSK_1RB_0Offset_Back_5mm_Ch19100

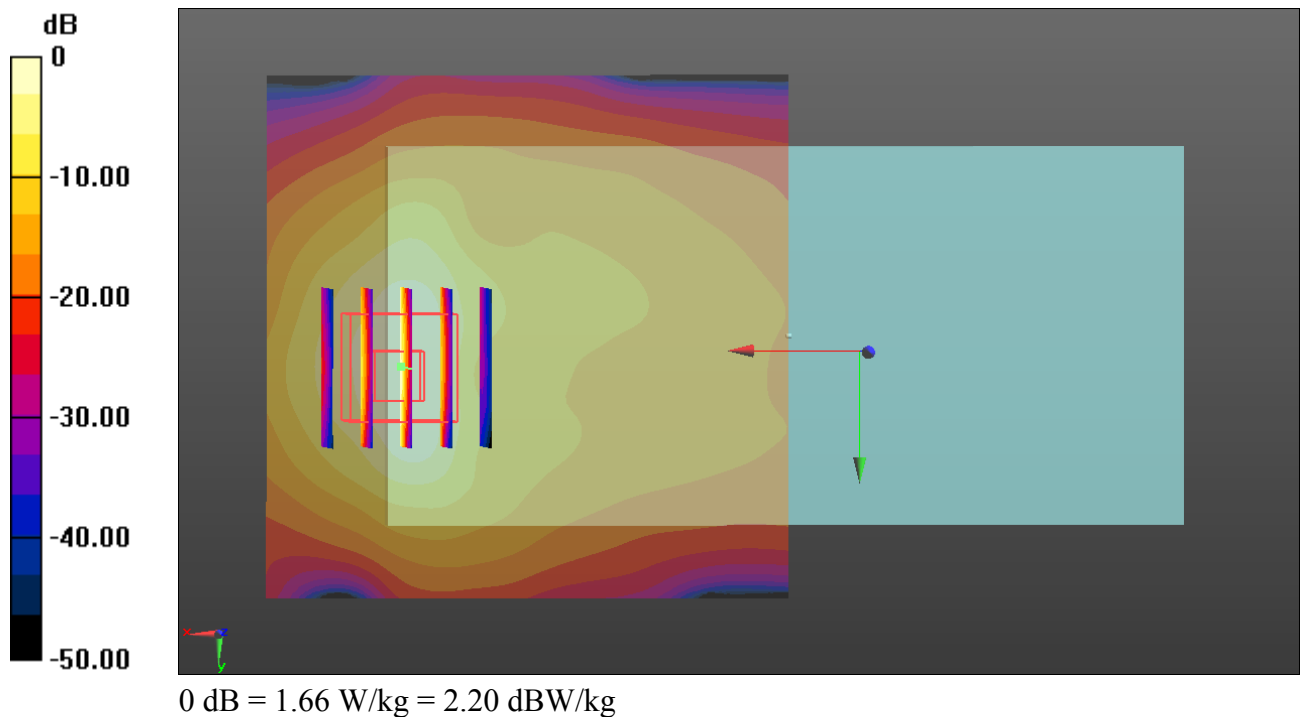
Communication System: UID 0, FDD_LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 53.914$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

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) = 1.66 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.24 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.656 W/kg
Maximum value of SAR (measured) = 1.71 W/kg



29_LTE Band 4_20M_QPSK_100RB_0Offset_Back_5mm_Ch20175

Communication System: UID 0, FDD_LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 54.36$; $\rho = 1000$ 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)

Ch20175/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500mm

Maximum value of SAR (interpolated) = 1.62 W/kg

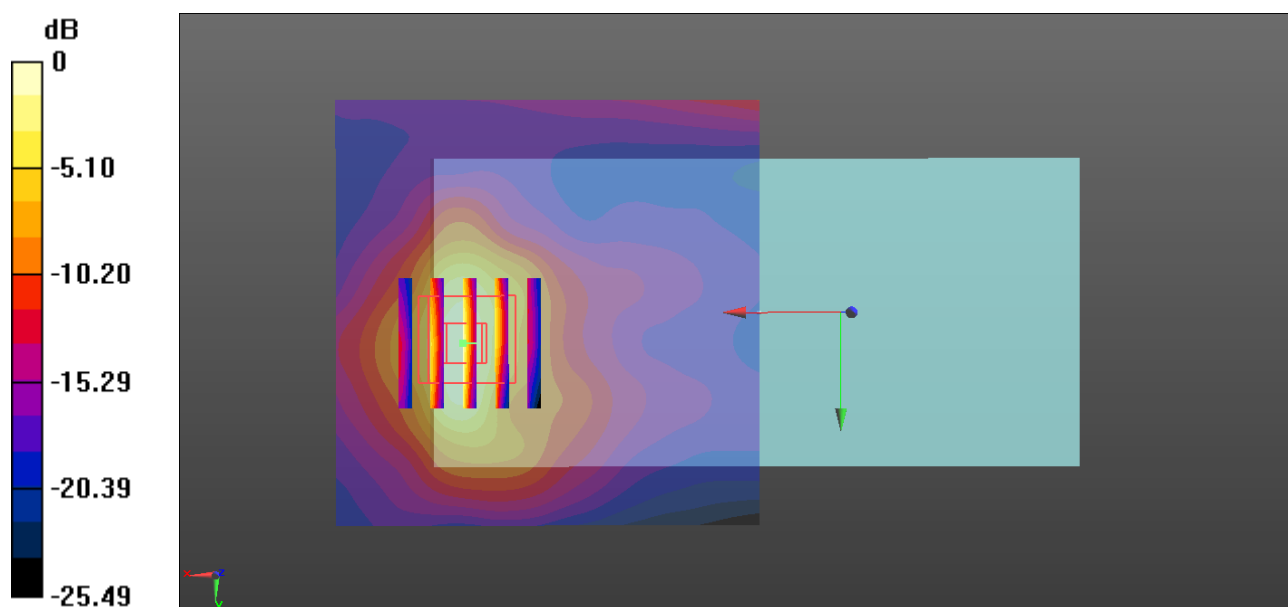
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.58 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.622 W/kg

Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg

30_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 (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.07 W/kg

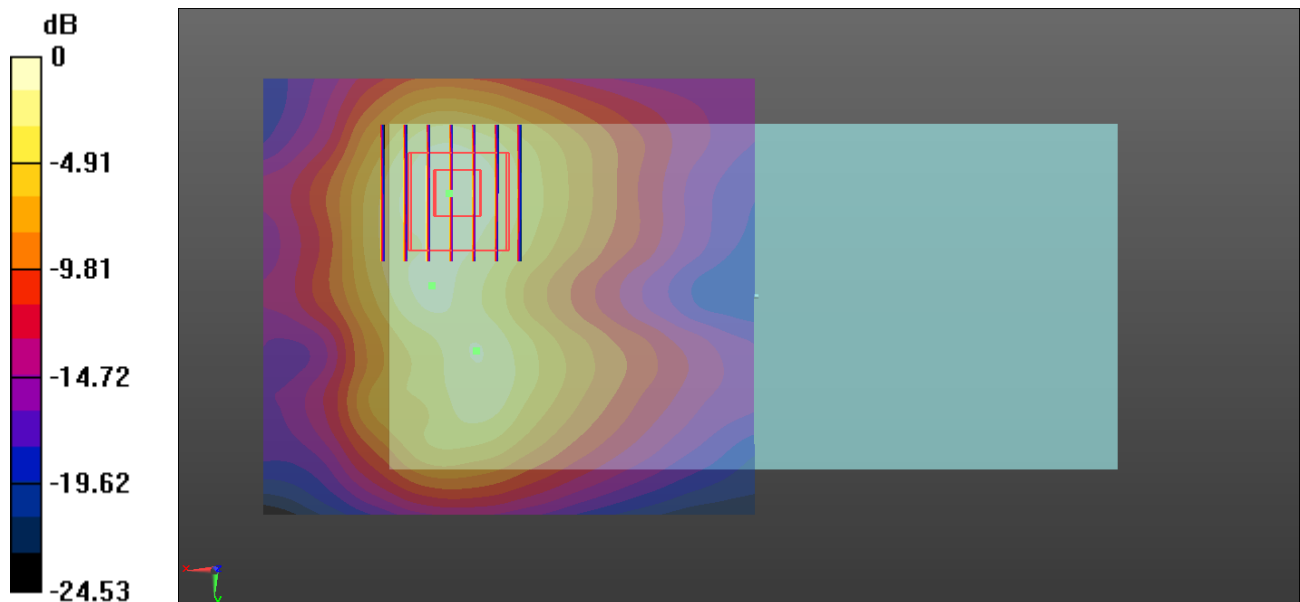
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.36 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.62 W/kg

SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.711 W/kg

Maximum value of SAR (measured) = 2.14 W/kg



0 dB = 2.07 W/kg = 3.16 dBW/kg

31_LTE Band 41_20M_QPSK_50RB_24Offset_Back_5mm_Ch40140

Communication System: UID 0, TDD_LTE (0); Frequency: 2545 MHz; Duty Cycle: 1:1.59
Medium: MSL_2600 Medium parameters used : $f = 2545$ MHz; $\sigma = 2.138$ S/m; $\epsilon_r = 52.729$; $\rho = 1000$ 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)

Ch40140/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.31 W/kg

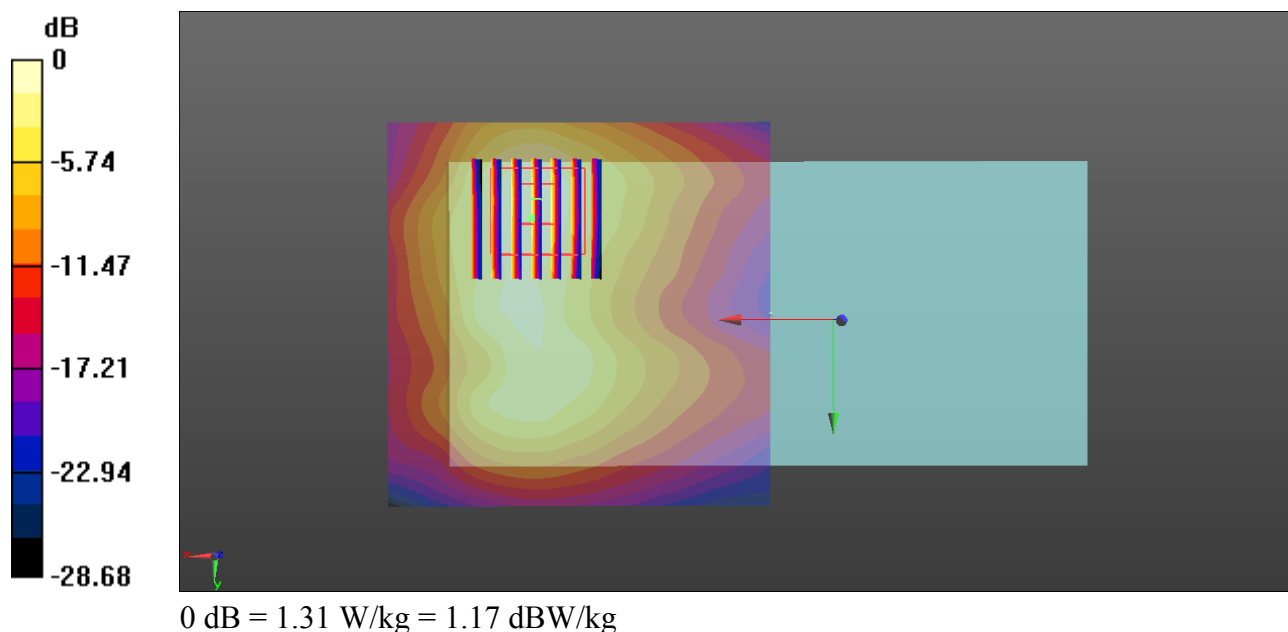
Ch40140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.30 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.445 W/kg

Maximum value of SAR (measured) = 1.31 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 (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.247 W/kg

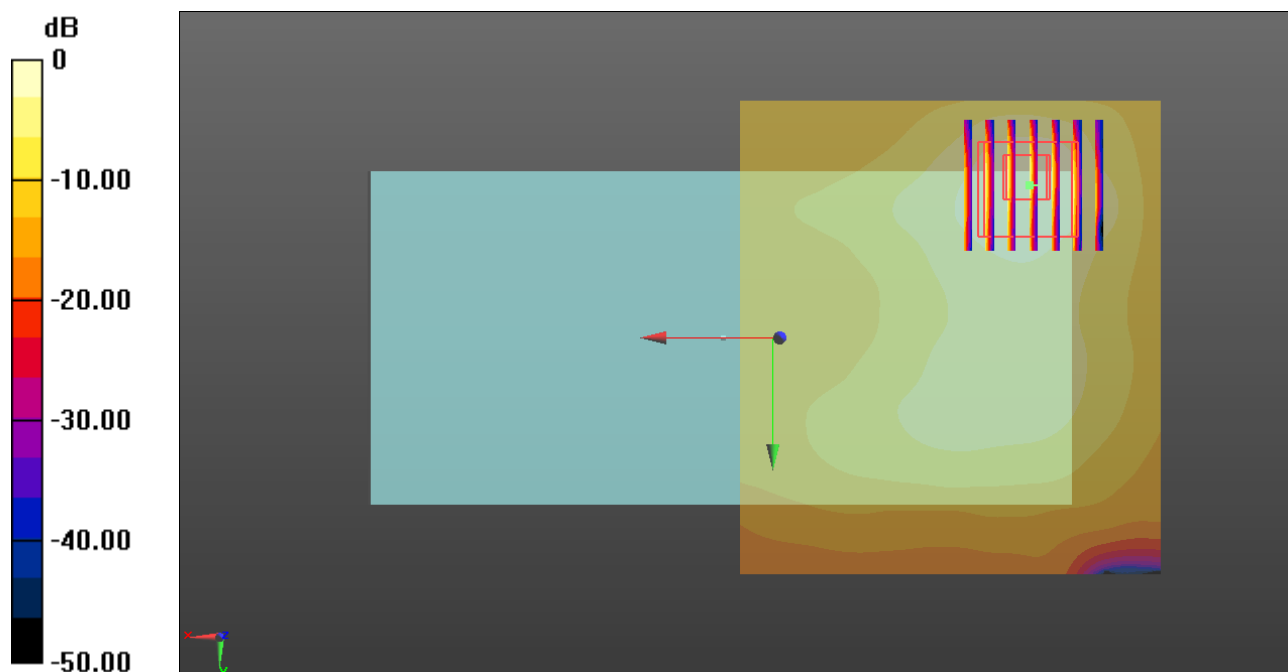
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.25 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.253 W/kg



0 dB = 0.247 W/kg = -6.07 dBW/kg

33_Bluetooth_DH5 1Mbps_Back_5mm_Ch39

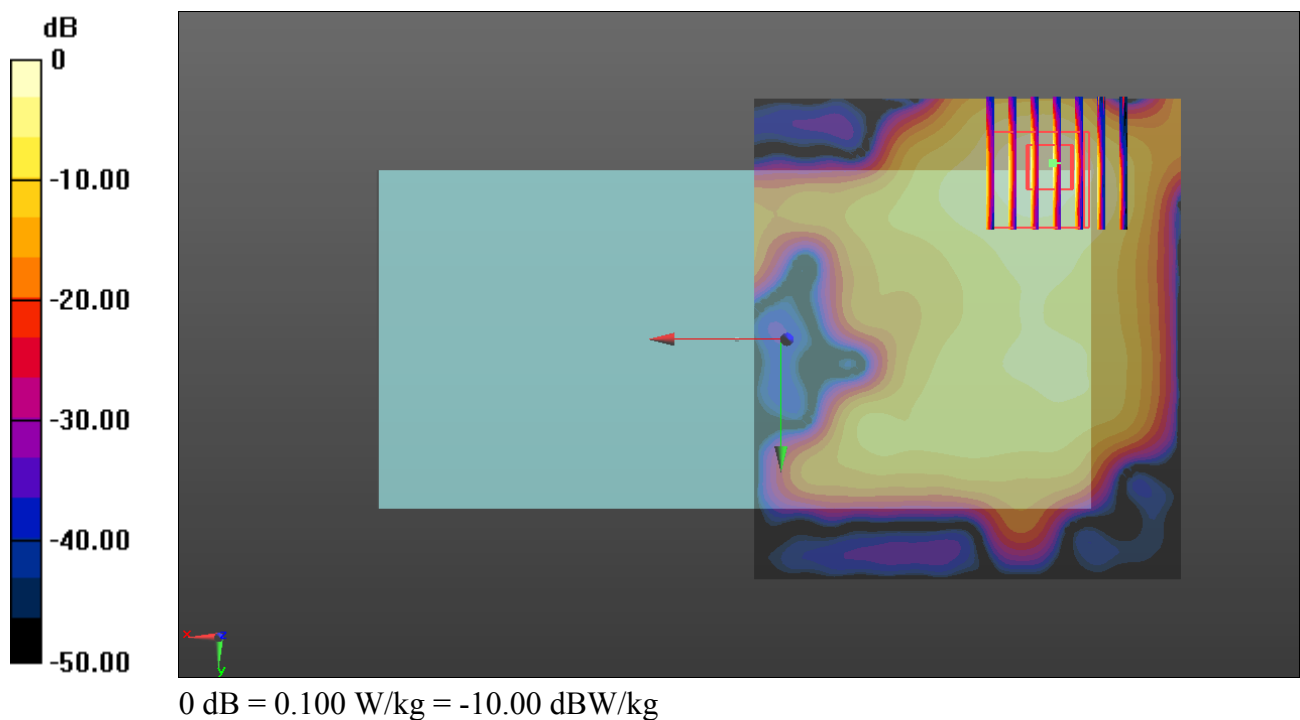
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302
Medium: MSL_2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 53.144$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

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 (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.100 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.271 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.111 W/kg
SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.0936 W/kg



34_GSM1900_GPRS 4 Tx slots_Bottom Side_0mm_Ch512

Communication System: UID 0, GPRS/EDGE (4 Tx slots) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: MSL_1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.461$ S/m; $\epsilon_r = 54.079$; $\rho = 1000$ 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)

Ch512/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.09 W/kg

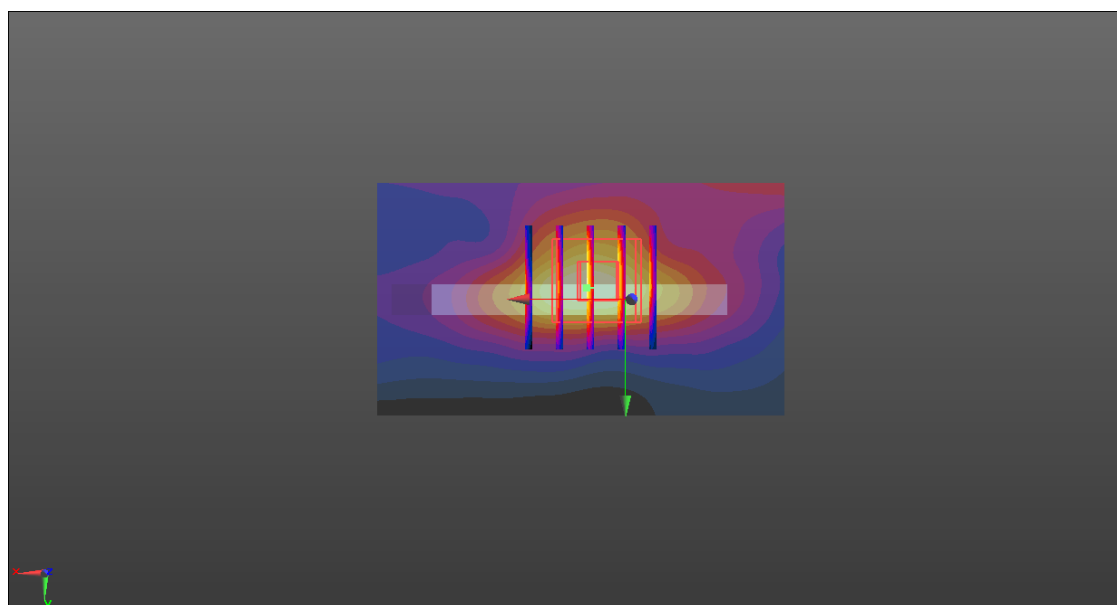
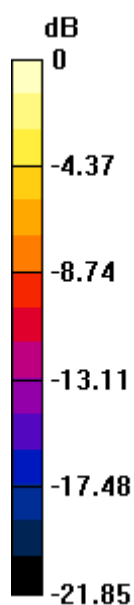
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 76.42 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 8.99 W/kg

SAR(1 g) = 4.89 W/kg; SAR(10 g) = 2.18 W/kg

Maximum value of SAR (measured) = 7.15 W/kg



0 dB = 6.09 W/kg = 7.85 dBW/kg

35_WCDMA Band II_RMC 12.2Kbps_Back_0mm_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.463$ S/m; $\epsilon_r = 54.076$; $\rho = 1000$ 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)

Ch9262/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.77 W/kg

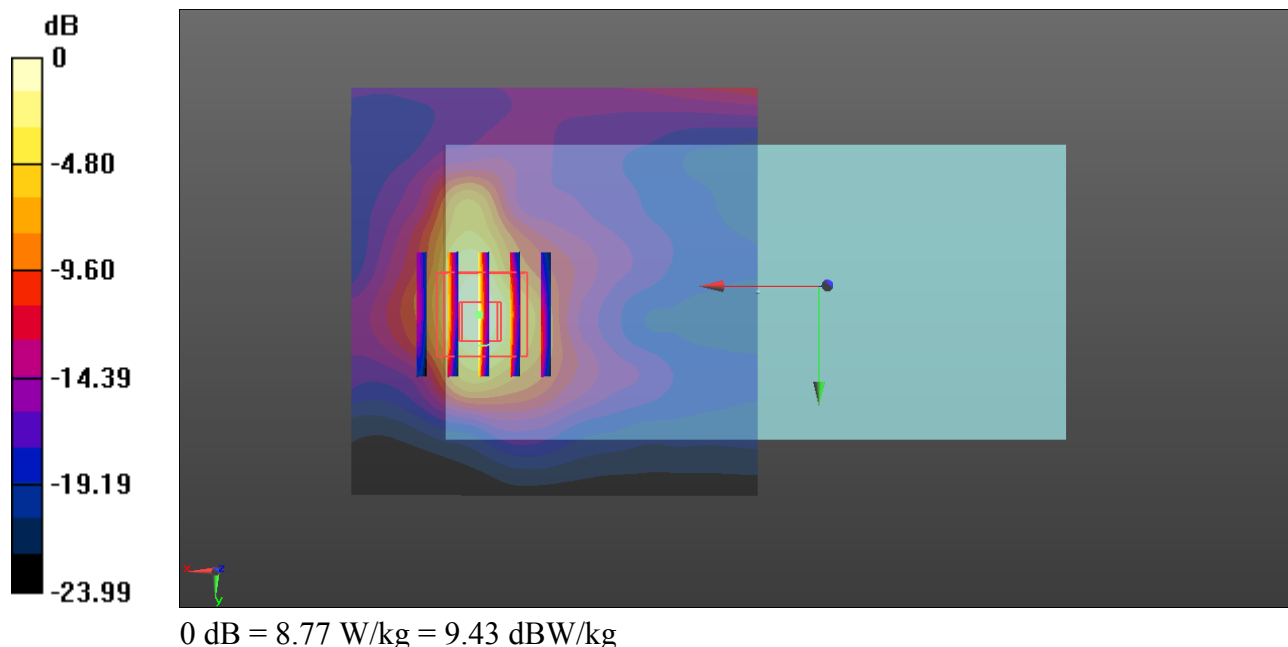
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 72.54 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 11.7 W/kg

SAR(1 g) = 5.43 W/kg; SAR(10 g) = 2.62 W/kg

Maximum value of SAR (measured) = 9.16 W/kg



36_LTE Band 2_20M_QPSK_1RB_0Offset_Back_0mm_Ch18900

Communication System: UID 0, FDD_LTE (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)

Ch18900/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.04 W/kg

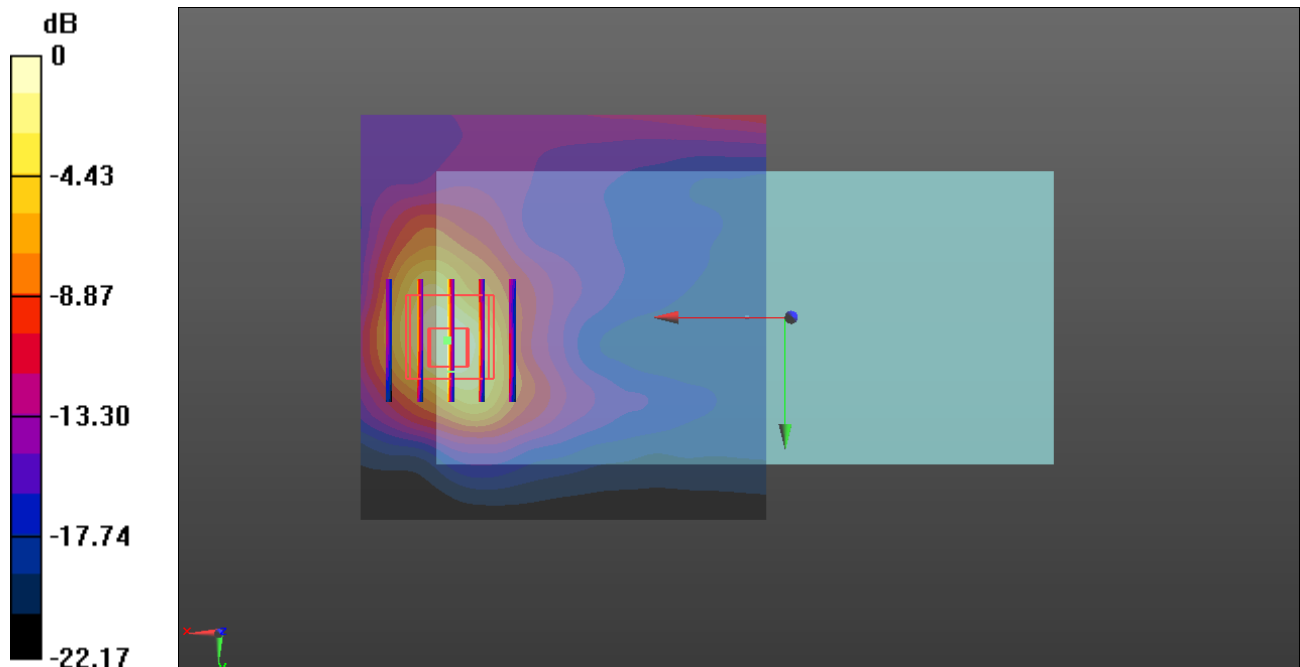
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 77.09 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 6.02 W/kg; SAR(10 g) = 2.89 W/kg

Maximum value of SAR (measured) = 9.83 W/kg



0 dB = 9.04 W/kg = 9.56 dBW/kg

37_LTE Band 4_20M_QPSK_1RB_0Offset_Bottom Side_0mm_Ch20175

Communication System: UID 0, FDD_LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 54.36$; $\rho = 1000$ 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)

Ch20175/Area Scan (31x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.4 W/kg

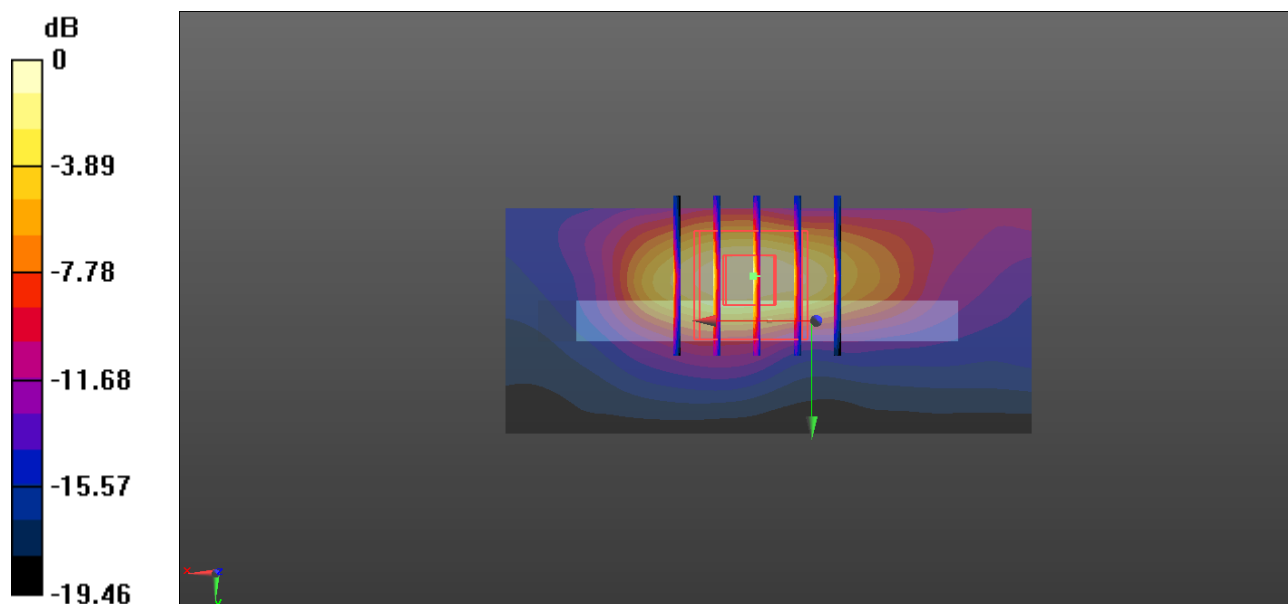
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 98.63 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 13.8 W/kg

SAR(1 g) = 7.3 W/kg; SAR(10 g) = 3.36 W/kg

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



0 dB = 13.4 W/kg = 11.27 dBW/kg

38_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 (71x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 9.67 W/kg

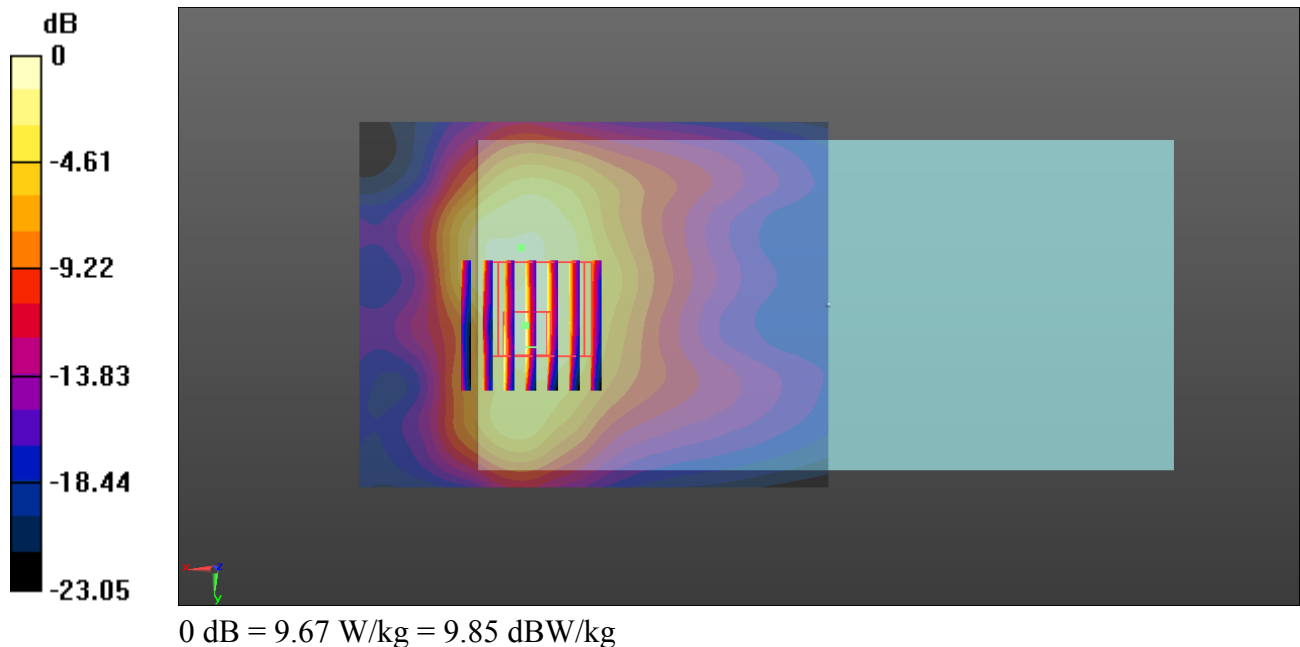
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 71.08 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 13.5 W/kg

SAR(1 g) = 6.17 W/kg; SAR(10 g) = 3.1 W/kg

Maximum value of SAR (measured) = 10.7 W/kg



39_LTE Band 41_20M_QPSK_RB_49Offset_Back_0mm_Ch40400

Communication System: UID 0, TDD_LTE (0); Frequency: 2571 MHz; Duty Cycle: 1:1.59

Medium: MSL_2600 Medium parameters used: $f = 2571$ MHz; $\sigma = 2.174$ S/m; $\epsilon_r = 52.62$; $\rho = 1000$ 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)

Ch40400/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 5.46 W/kg

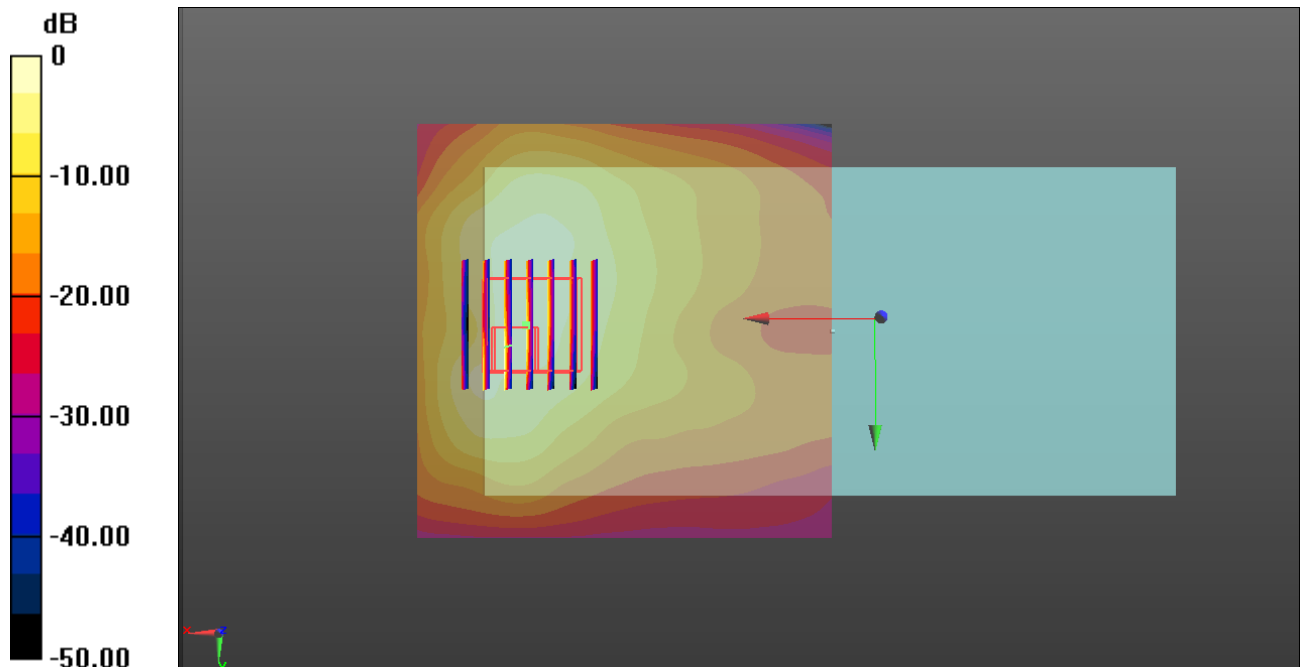
Ch40400/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.90 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 7.49 W/kg

SAR(1 g) = 3.31 W/kg; SAR(10 g) = 1.54 W/kg

Maximum value of SAR (measured) = 5.73 W/kg



0 dB = 5.46 W/kg = 7.37 dBW/kg