

#01_GSM850_GPRS (4 Tx slots)_Left Cheek_Ch251

Communication System: GSM850 ; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: HSL_850_160221 Medium parameters used: $f = 849$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.447$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch251/Area Scan (61x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.390 W/kg

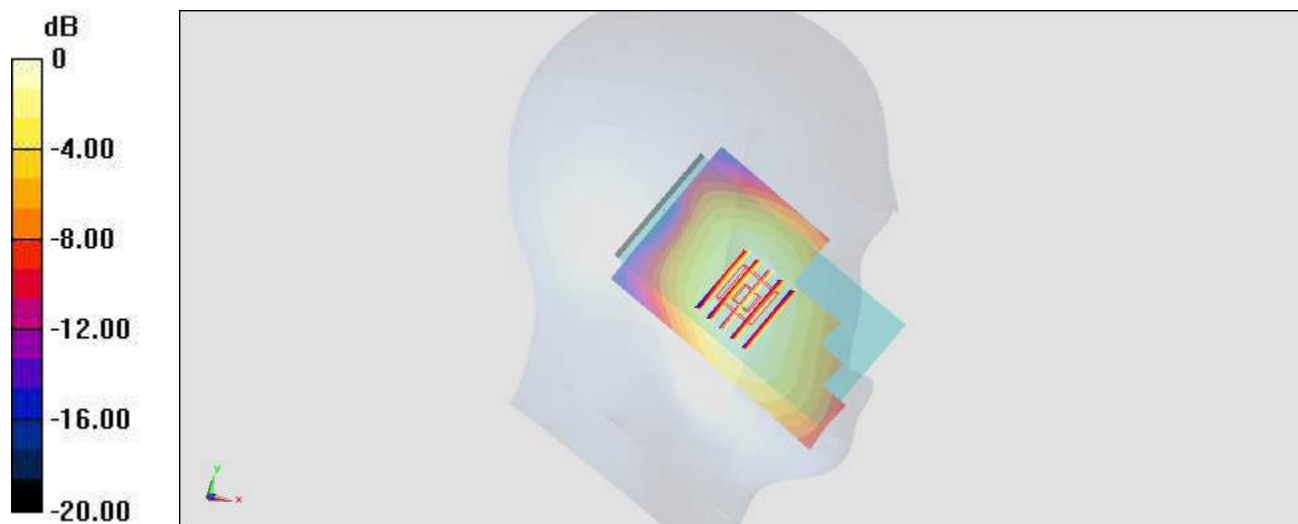
Configuration/Ch251/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.70 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.268 W/kg

Maximum value of SAR (measured) = 0.402 W/kg



0 dB = 0.390 W/kg = -4.09 dBW/kg

#02_GSM1900_EDGE (4 Tx slots)_Left Cheek_Ch810

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

Medium: HSL_1900_160402 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.18, 8.18, 8.18); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch810/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.242 mW/g

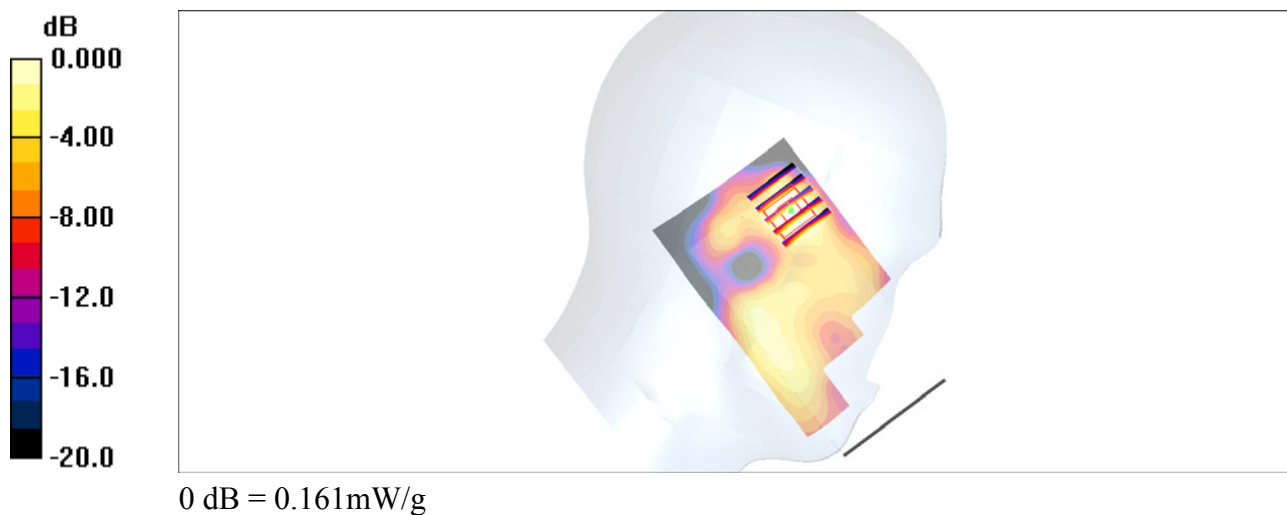
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.64 V/m; Power Drift = 0.113 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.065 mW/g

Maximum value of SAR (measured) = 0.161 mW/g



#03_WCDMA II_RMC 12.2Kbps_Left Cheek_Ch9538

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

Medium: HSL_1900_160221 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.421$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(8.18, 8.18, 8.18); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9538/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.551 W/kg

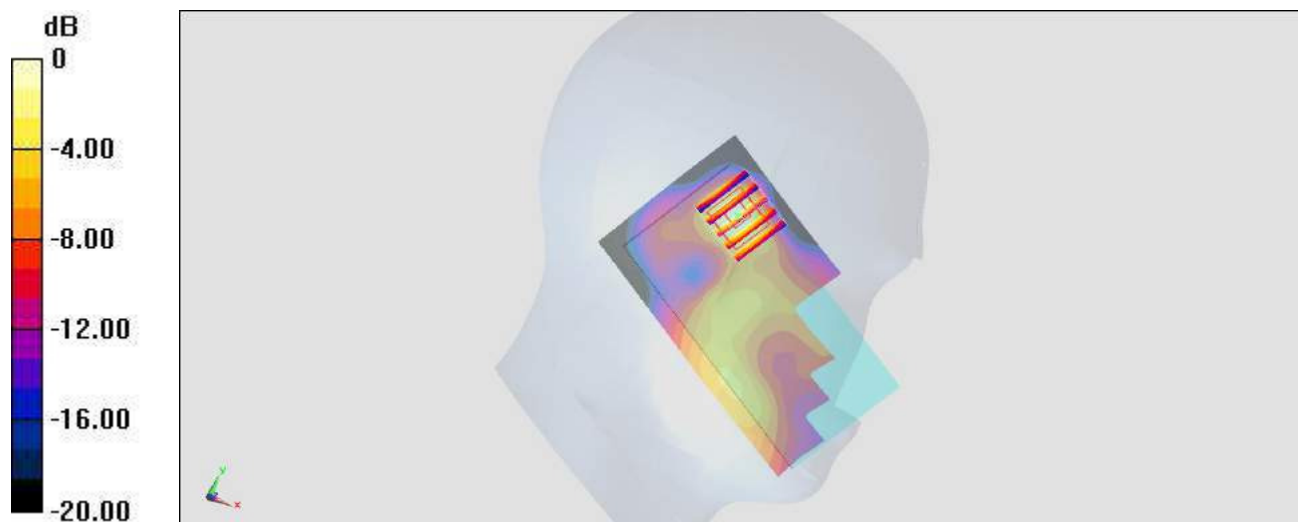
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.32 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.596 W/kg

SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 0.499 W/kg



0 dB = 0.551 W/kg = -2.59 dBW/kg

#04_WCDMA IV_RMC 12.2Kbps_Left Cheek_Ch1312

Communication System: WCDMA ; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL_1750_160221 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.369$ S/m; $\epsilon_r = 40.014$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(8.43, 8.43, 8.43); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1312/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.338 W/kg

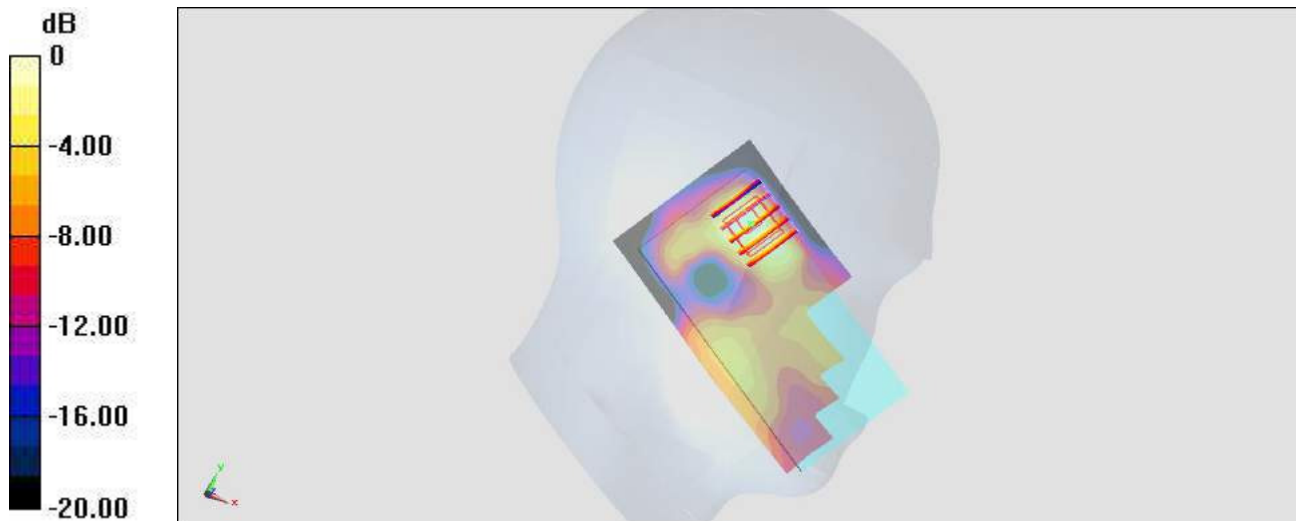
Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.60 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.278 W/kg



0 dB = 0.338 W/kg = -4.71 dBW/kg

#05_WCDMA V_RMC 12.2Kbps_Left Cheek_Ch4233

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

Medium: HSL_850_160221 Medium parameters used: $f = 847$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 41.469$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4233/Area Scan (61x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.451 W/kg

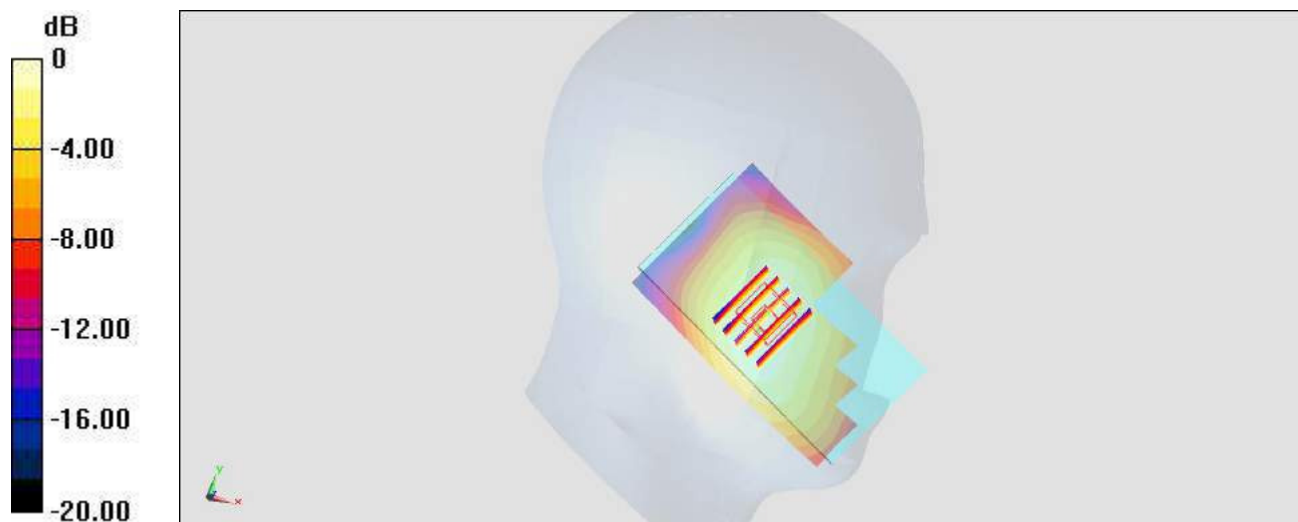
Configuration/Ch4233/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.45 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.487 W/kg

SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.302 W/kg

Maximum value of SAR (measured) = 0.457 W/kg



0 dB = 0.451 W/kg = -3.46 dBW/kg

#06_LTE Band 2_20M_QPSK_1_0_Left Cheek_Ch18900

Communication System: LTE ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium: HSL_1900_160207 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.426$ S/m; $\epsilon_r = 40.658$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch18900/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.511 W/kg

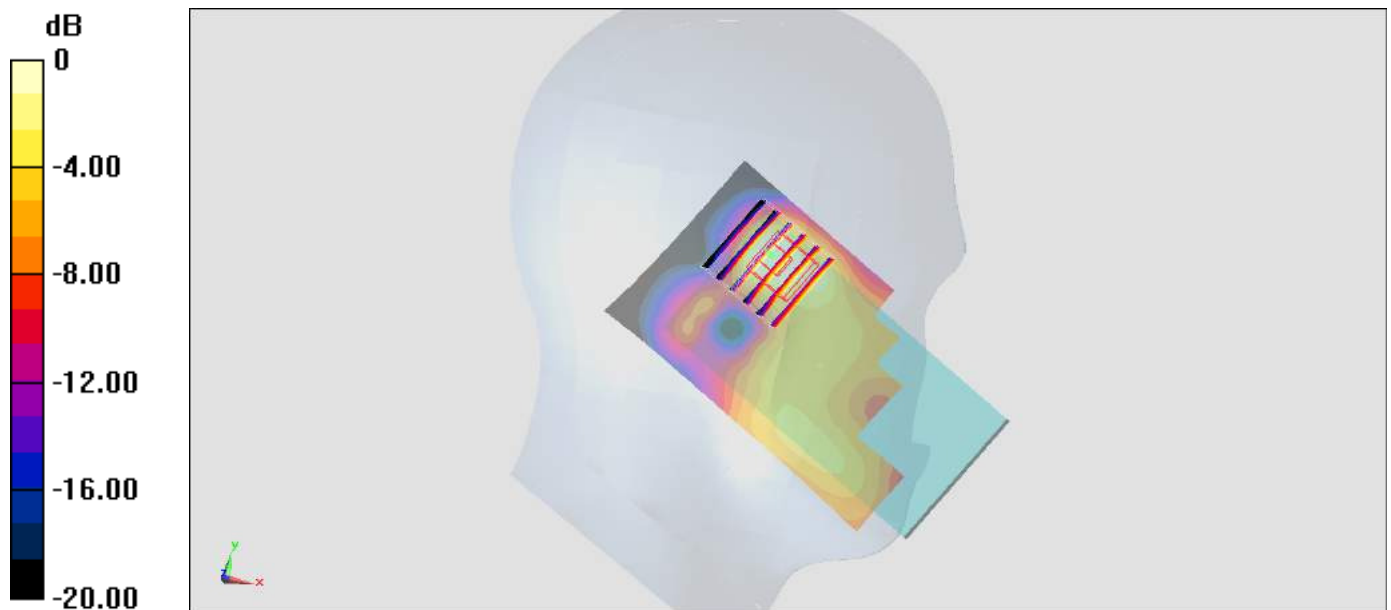
Configuration/Ch18900/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.27 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.164 W/kg

Maximum value of SAR (measured) = 0.396 W/kg



0 dB = 0.396 W/kg = -4.02 dBW/kg

#07_LTE Band 4_20M_QPSK_1_0_Right Cheek_Ch20175

Communication System: LTE ; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium: HSL_1750_160208 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 40.529$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.32, 5.32, 5.32); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20175/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.254 W/kg

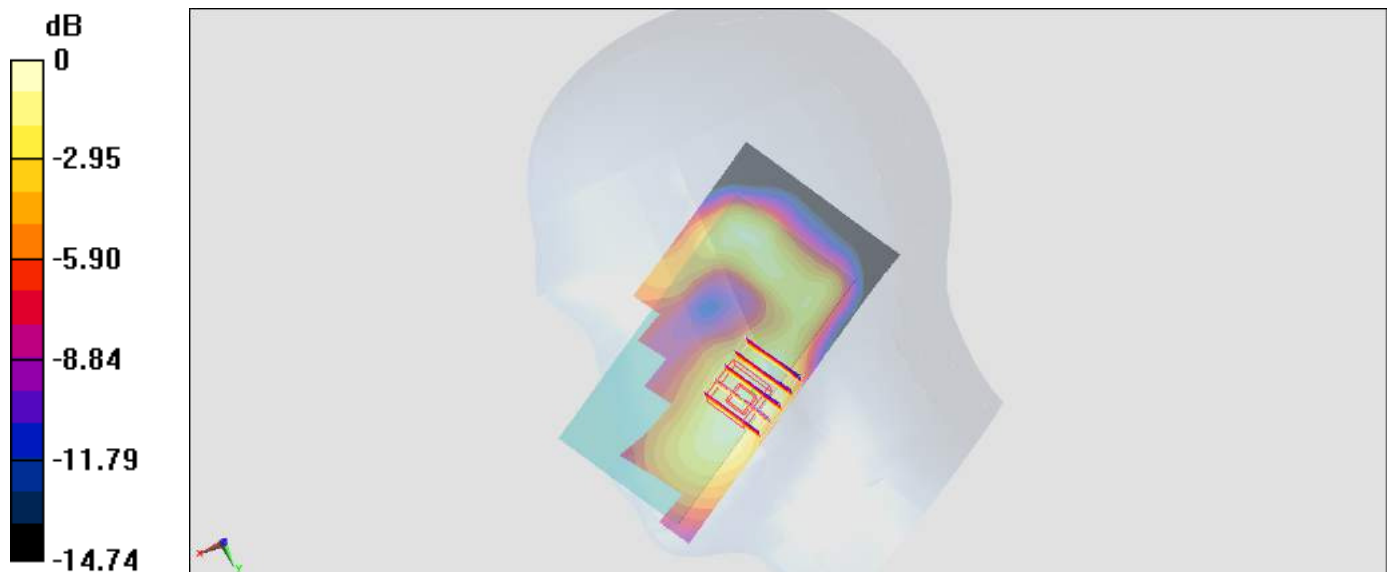
Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.47 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.285 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.115 W/kg

Maximum value of SAR (measured) = 0.231 W/kg



0 dB = 0.231 W/kg = -6.36 dBW/kg

#08_LTE Band 5_10M_QPSK_1_0_Left Cheek_Ch20525

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

Medium: HSL_850_160209 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 40.464$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20525/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.390 W/kg

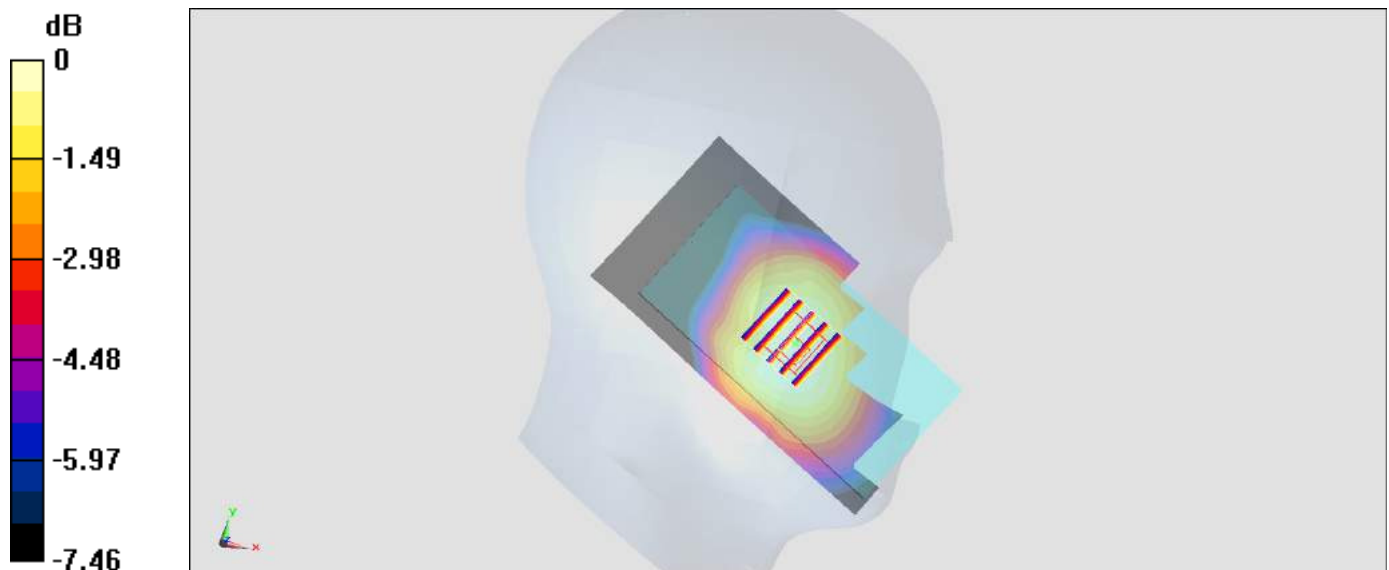
Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.09 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.439 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.386 W/kg



0 dB = 0.386 W/kg = -4.13 dBW/kg

#09_LTE Band 7_20M_QPSK_1_0_Left Cheek_Ch21100

Communication System: LTE ; Frequency: 2535 MHz;Duty Cycle: 1:1

Medium: HSL_2600_160206 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.962$ S/m; $\epsilon_r = 38.046$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.44, 4.44, 4.44); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch21100/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

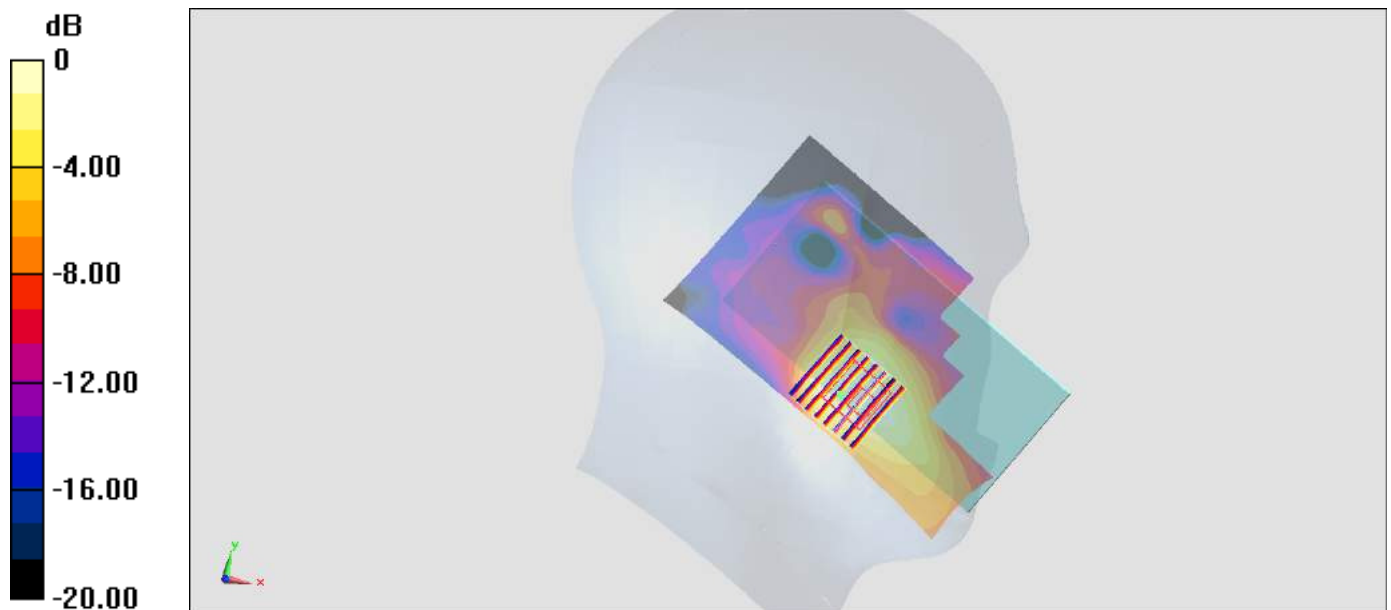
Configuration/Ch21100/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.499 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.176 W/kg



0 dB = 0.176 W/kg = -7.54 dBW/kg

#10_LTE Band 12_10M_QPSK_1_0_Left Cheek_Ch23095

Communication System: LTE ; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_160208 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 42.964$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.5, 6.5, 6.5); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch23095/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.175 W/kg

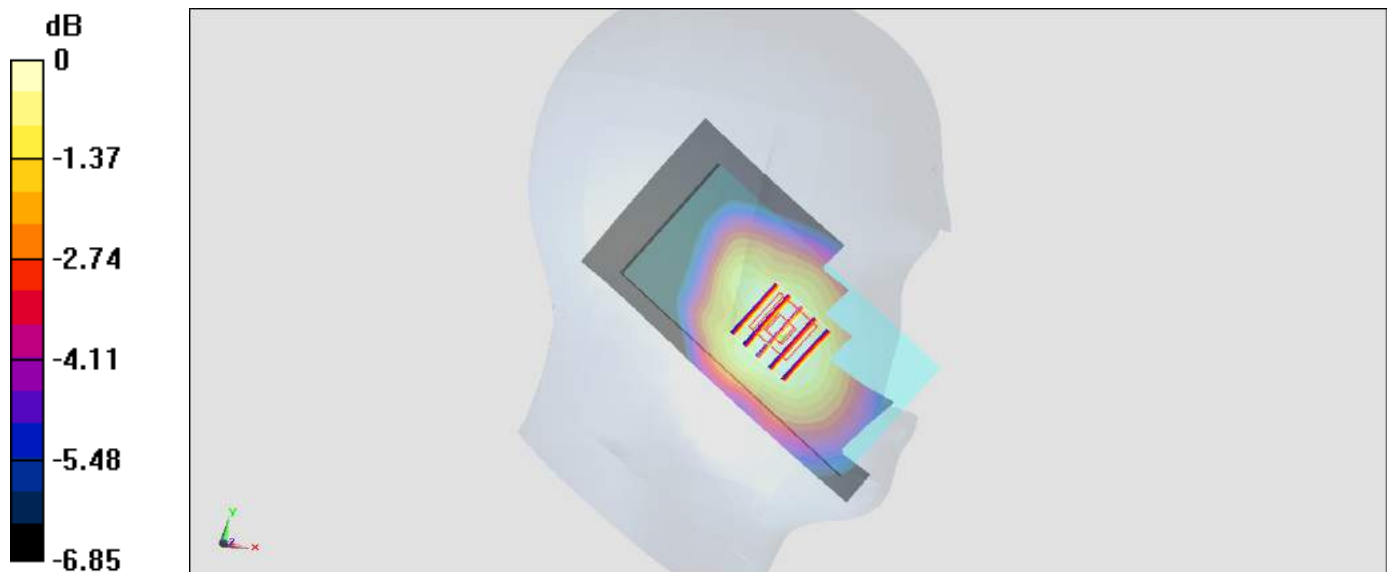
Configuration/Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.09 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.199 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.175 W/kg



0 dB = 0.175 W/kg = -7.57 dBW/kg

#11_WLAN2.4GH□_802.11b 1Mbps_Left Cheek_Ch6

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

Medium: HSL_2450_160423 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.741$ S/m; $\epsilon_r = 39.097$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.51, 7.51, 7.51); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch6/Area Scan (71x131x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.65 W/kg

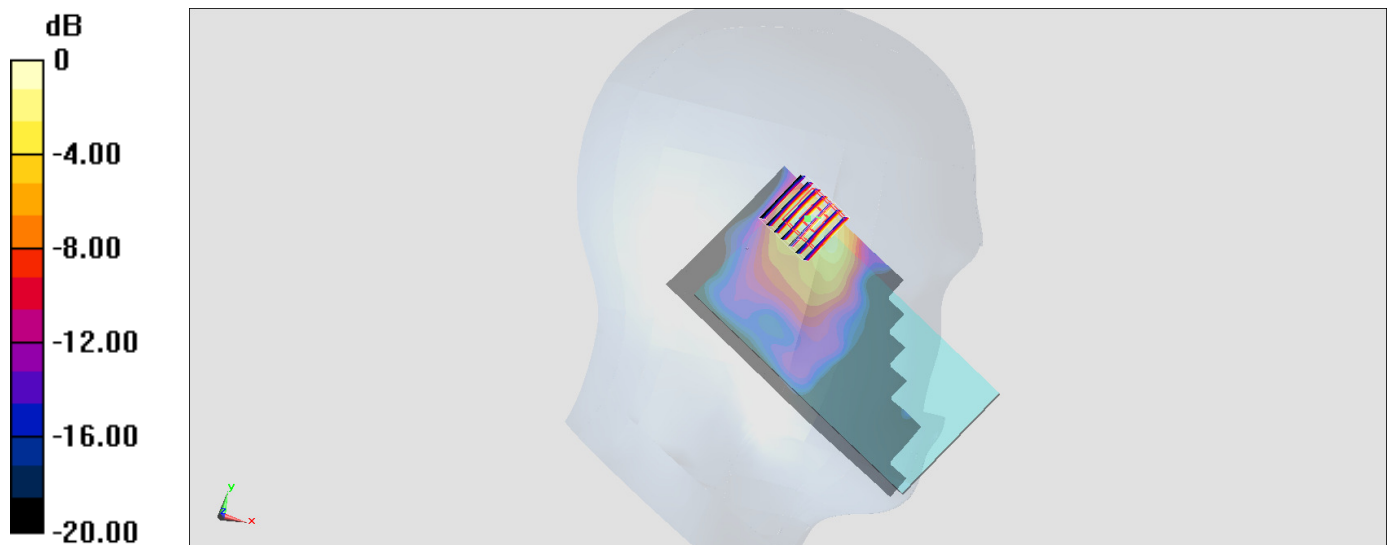
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.67 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.437 W/kg

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



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

#12_WLAN5GH□_802.11a 6Mbps_Left Tilted_Ch64

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.029

Medium: HSL_5G_160423 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.683$ S/m; $\epsilon_r = 36.691$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.13, 5.13, 5.13); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch64/Area Scan (101x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.411 W/kg

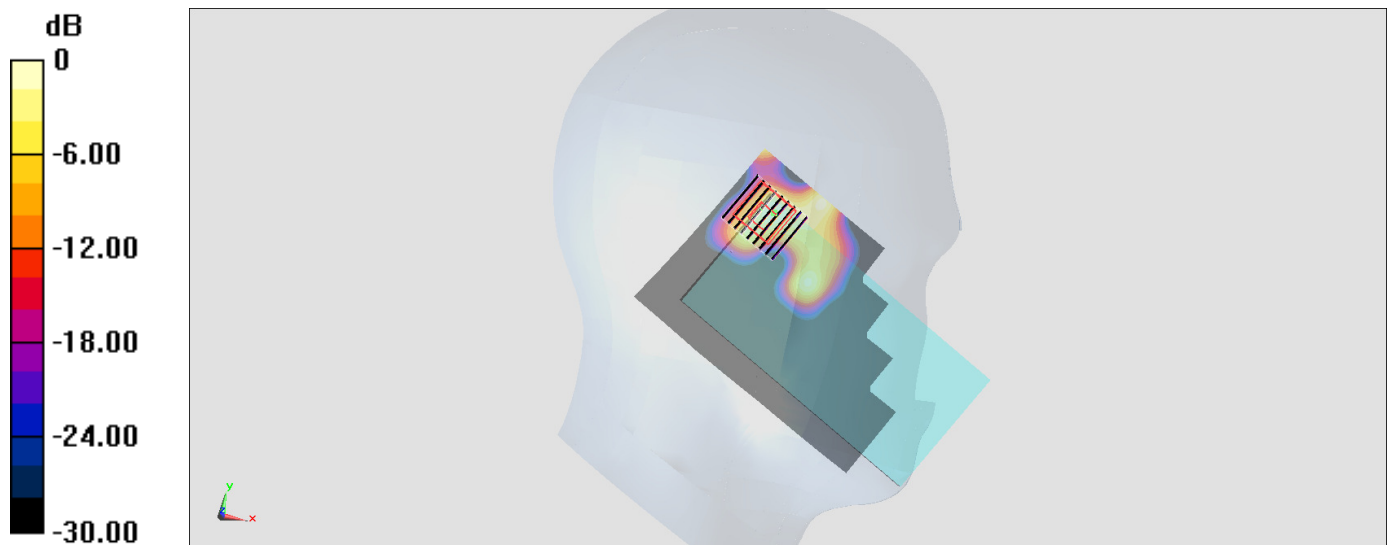
Configuration/Ch64/Zoom Scan (9x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 2.670 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.579 W/kg



0 dB = 0.411 W/kg = -3.86 dBW/kg

#13_WLAN5GH□_802.11a 6Mbps_Left Cheek_Ch100

Communication System: 802.11a ; Frequency: 5500 MHz;Duty Cycle: 1:1.029

Medium: HSL_5G_160423 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.862$ S/m; $\epsilon_r = 36.46$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.42, 4.42, 4.42); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch100/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.441 W/kg

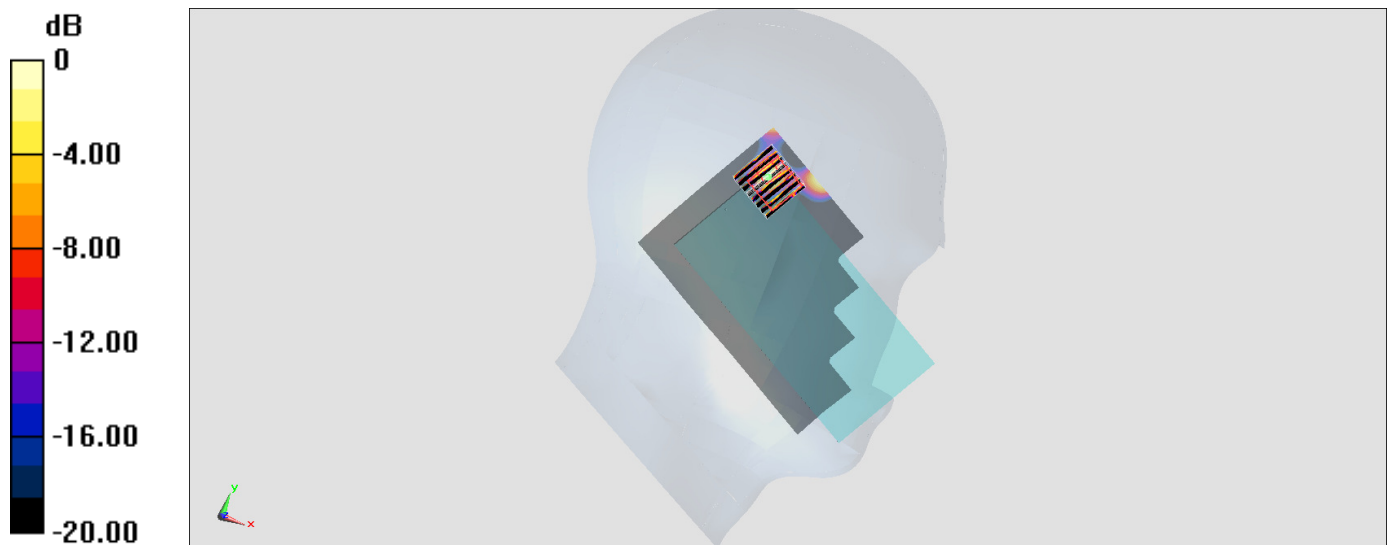
Configuration/Ch100/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.977 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.523 W/kg



0 dB = 0.441 W/kg = -3.56 dBW/kg

#14_WLAN5GH□_802.11a 6Mbps_Left Cheek_Ch157

Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1.029

Medium: HSL_5G_160423 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.157$ S/m; $\epsilon_r = 36.087$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.58, 4.58, 4.58); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch157/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.315 W/kg

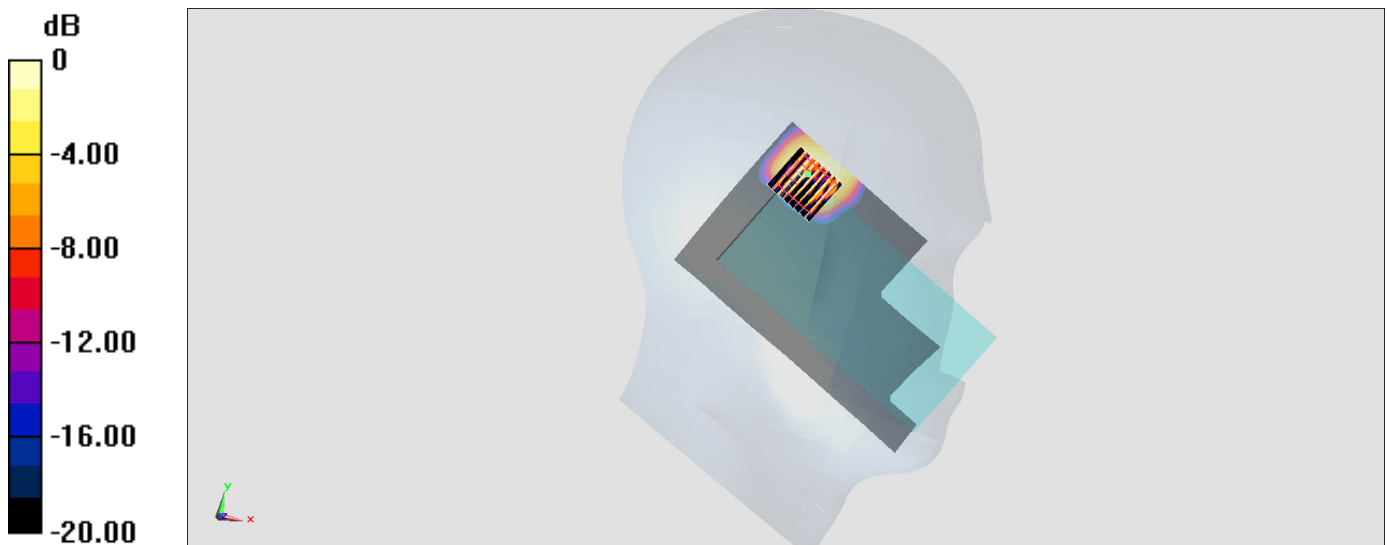
Configuration/Ch157/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.665 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.501 W/kg

SAR(1 g) = 0.09 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.315 W/kg = -5.02 dBW/kg

#15_GSM850_GPRS (4 Tx slots)_Left Side_10mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: MSL_850_160220 Medium parameters used: $f = 849$ MHz; $\sigma = 0.998$ S/m; $\epsilon_r = 56.941$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(9.93, 9.93, 9.93); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch251/Area Scan (31x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.682 W/kg

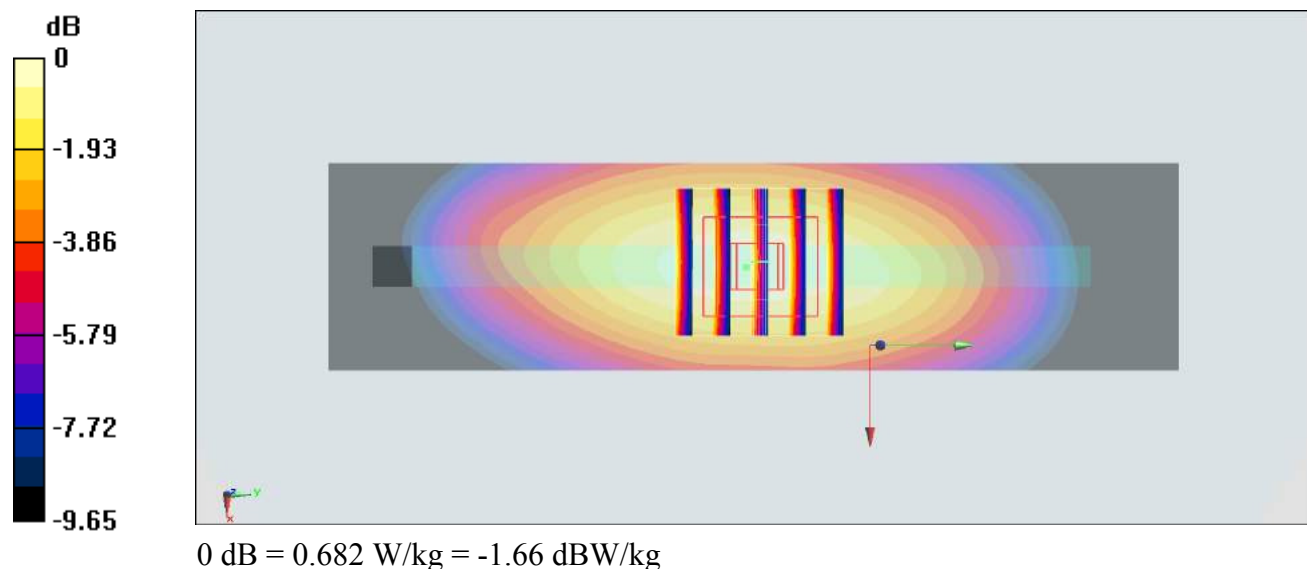
Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 27.63 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.775 W/kg

SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.367 W/kg

Maximum value of SAR (measured) = 0.691 W/kg



#16_GSM1900_EDGE (4 Tx slots)_Back_10mm_Ch810

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

Medium: MSL_1900_160402 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.9, 7.9, 7.9); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch810/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.822 mW/g

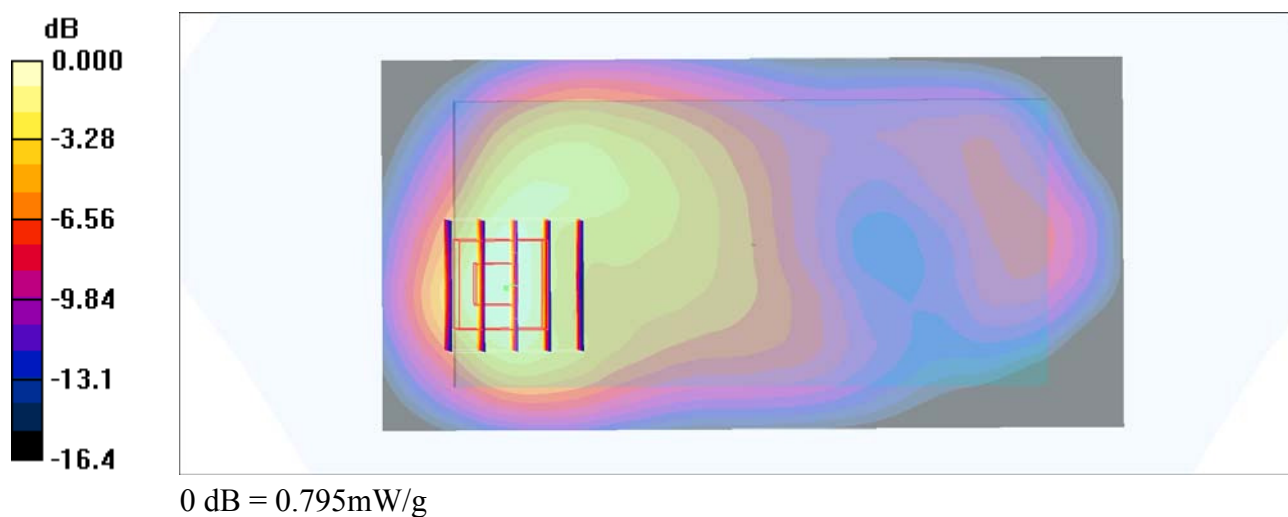
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.9 V/m; Power Drift = 0.103 dB

Peak SAR (extrapolated) = 0.987 W/kg

SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.319 mW/g

Maximum value of SAR (measured) = 0.795 mW/g



#17_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9538

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

Medium: MSL_1900_160218 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.558$ S/m; $\epsilon_r = 54.985$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(7.9, 7.9, 7.9); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9538/Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 1.43 W/kg

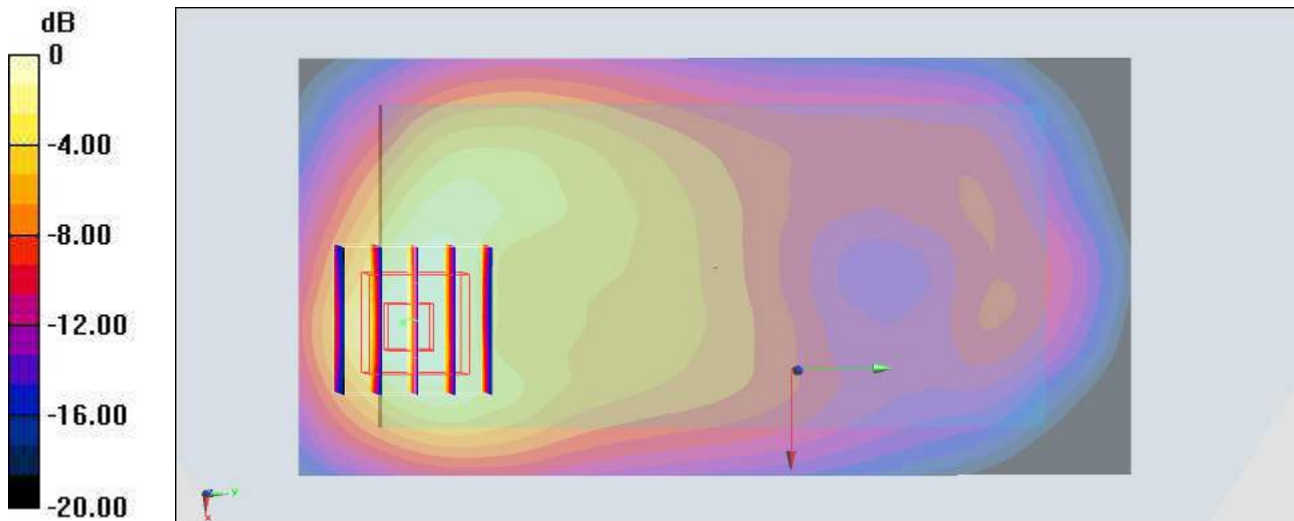
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.56 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.615 W/kg

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



0 dB = 1.43 W/kg = 1.55 dBW/kg

#18_WCDMA IV_RMC 12.2Kbps_Back_10mm_Ch1413

Communication System: WCDMA ; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_160218 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.481$ S/m; $\epsilon_r = 55.152$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(8.1, 8.1, 8.1); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1413/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

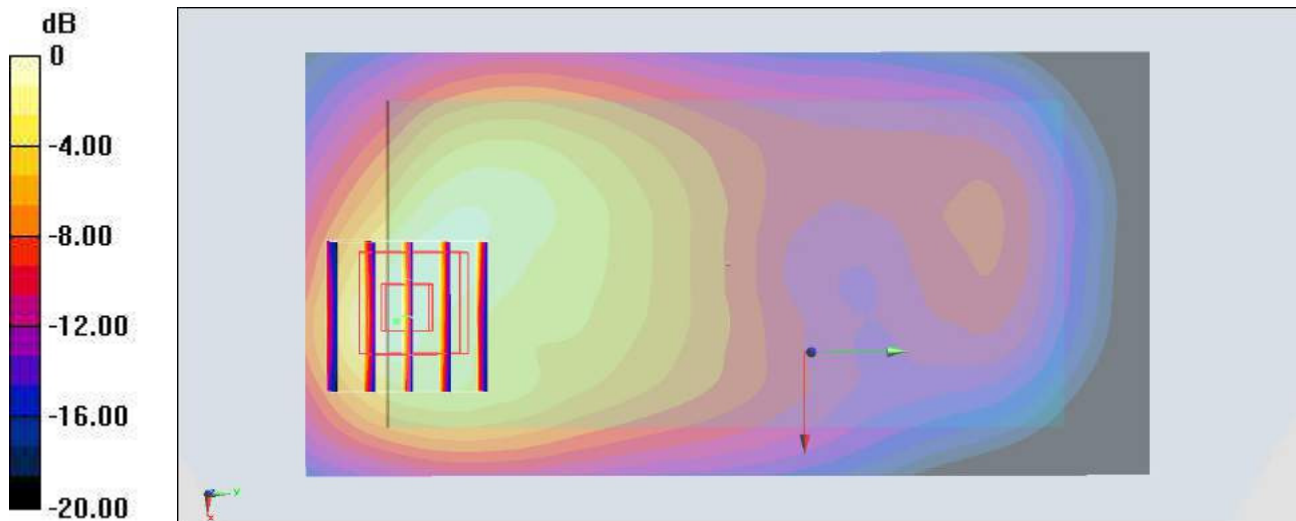
Configuration/Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.47 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.523 W/kg

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



0 dB = 1.08 W/kg = 0.33 dBW/kg

#19_WCDMA V_RMC 12.2Kbps_Left Side_10mm_Ch4233

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

Medium: MSL_850_160220 Medium parameters used: $f = 847$ MHz; $\sigma = 0.996$ S/m; $\epsilon_r = 56.961$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(9.93, 9.93, 9.93); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4233/Area Scan (31x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.908 W/kg

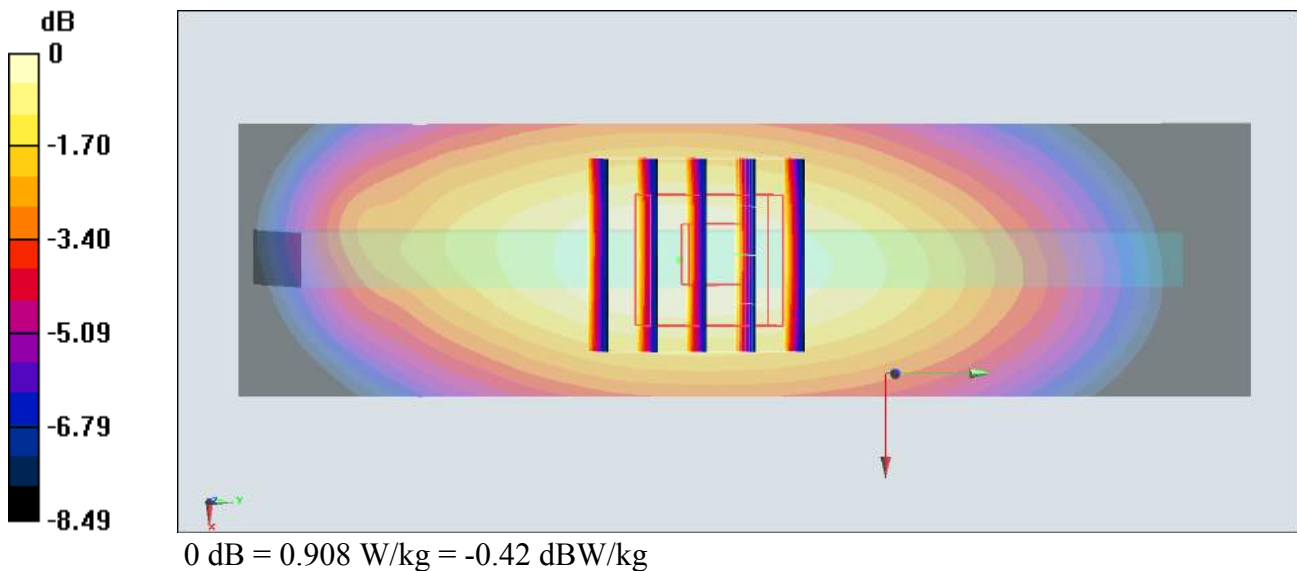
Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.48 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.483 W/kg

Maximum value of SAR (measured) = 0.899 W/kg



#20_LTE Band 2_20M_QPSK_1_0_Back_10mm_Ch19100

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1

Medium: MSL_1900_160206 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.541$ S/m; $\epsilon_r = 53.819$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch19100/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.40 W/kg

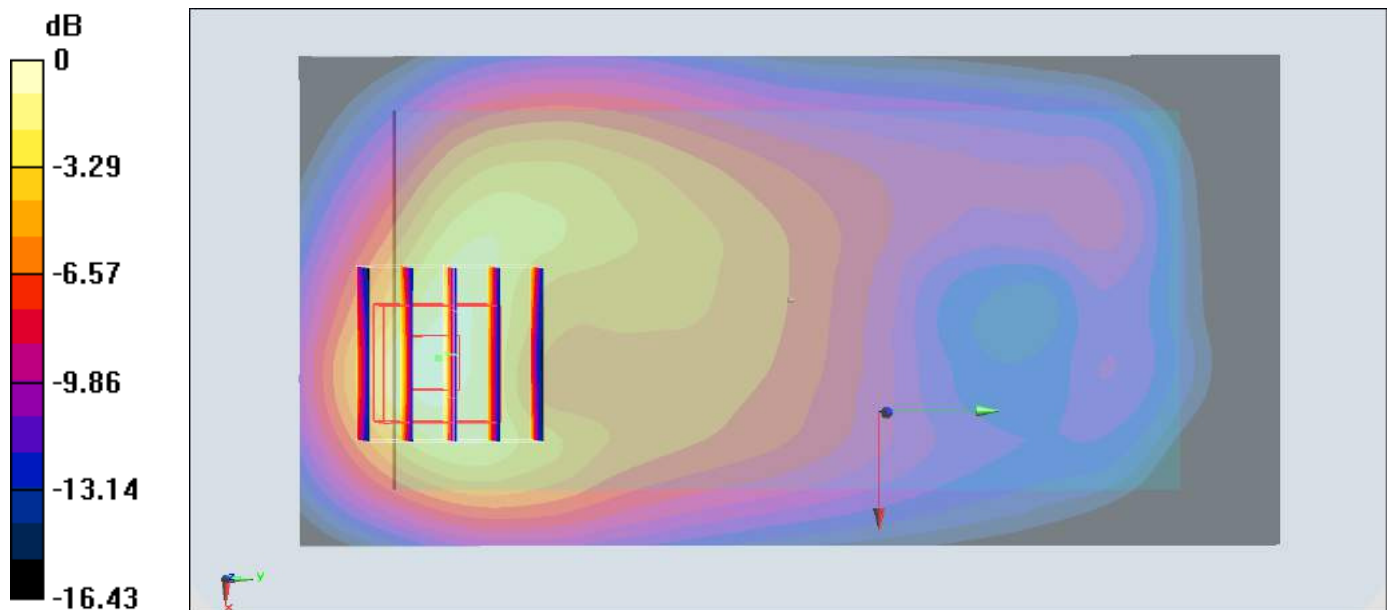
Configuration/Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.62 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.604 W/kg

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



0 dB = 1.59 W/kg = 2.01 dBW/kg

#21_LTE Band 4_20M_QPSK_1_0_Back_10mm_Ch20175

Communication System: LTE ; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_160207 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.477$ S/m; $\epsilon_r =$

55.652 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.95, 4.95, 4.95); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20175/Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

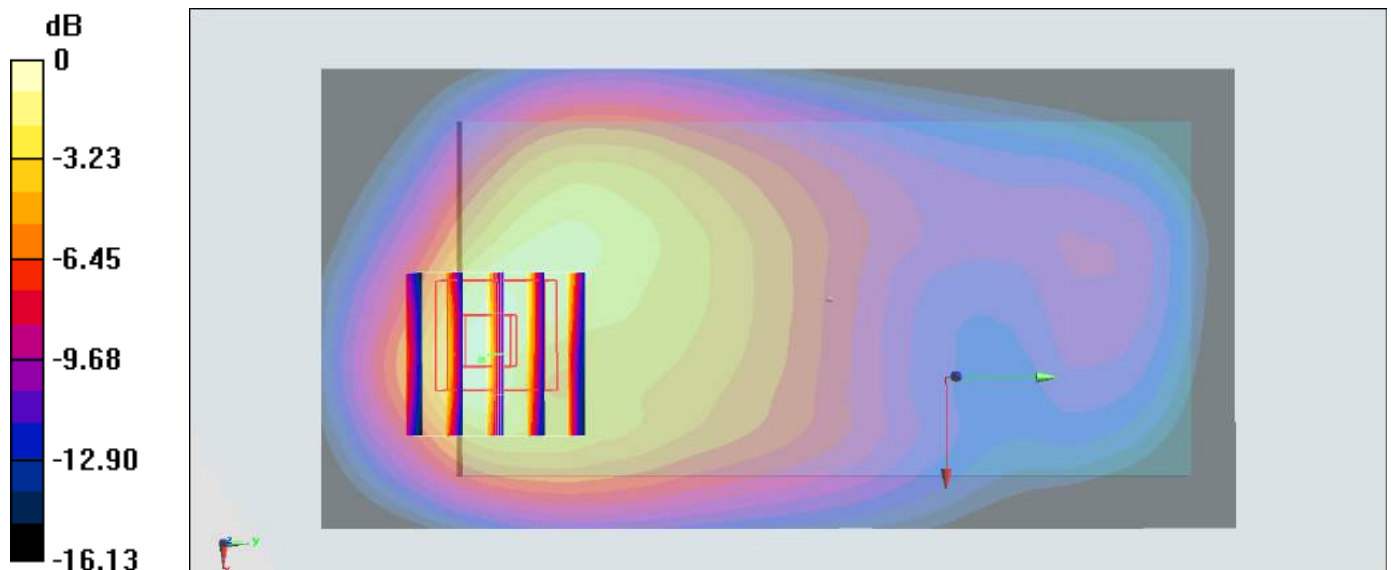
Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.00 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.564 W/kg

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

#22_LTE Band 5_10M_QPSK_1_0_Back_10mm_Ch20525

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

Medium: MSL_850_160208 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.979$ S/m; $\epsilon_r = 57.395$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20525/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.678 W/kg

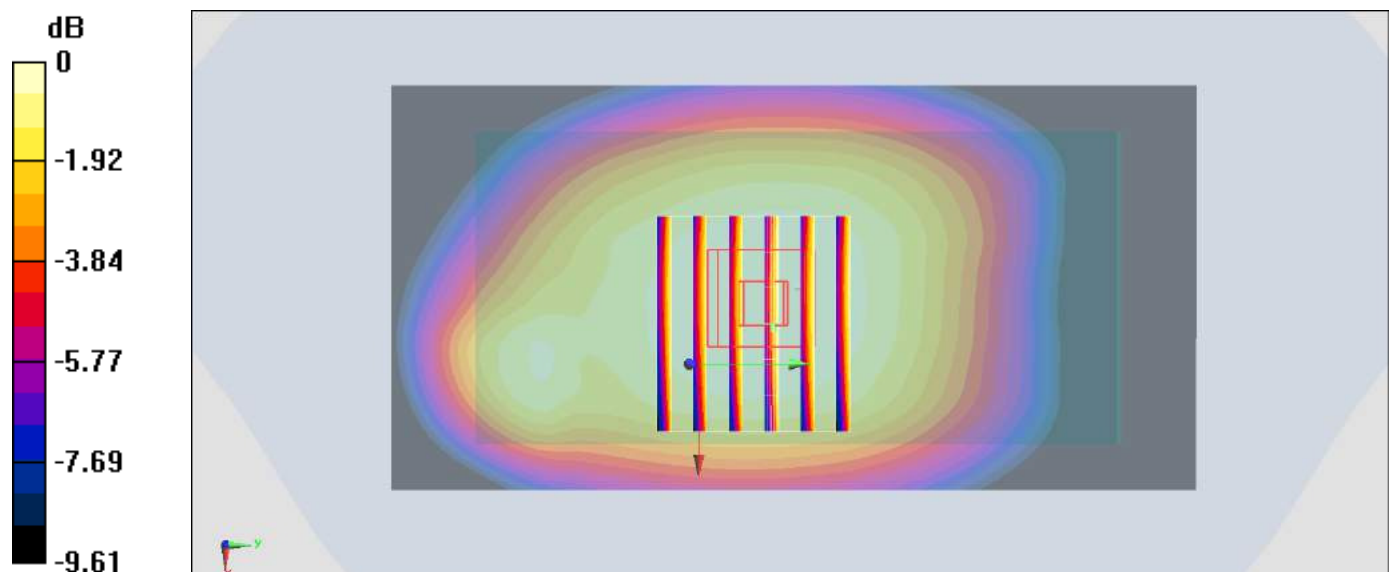
Configuration/Ch20525/Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.13 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.791 W/kg

SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.441 W/kg

Maximum value of SAR (measured) = 0.674 W/kg



0 dB = 0.674 W/kg = -1.71 dBW/kg

#23_LTE Band 7_20M_QPSK_1_0_Back_10mm_Ch21350

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

Medium: MSL_2600_160206 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.03$ S/m; $\epsilon_r = 51.359$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.27, 4.27, 4.27); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch21350/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

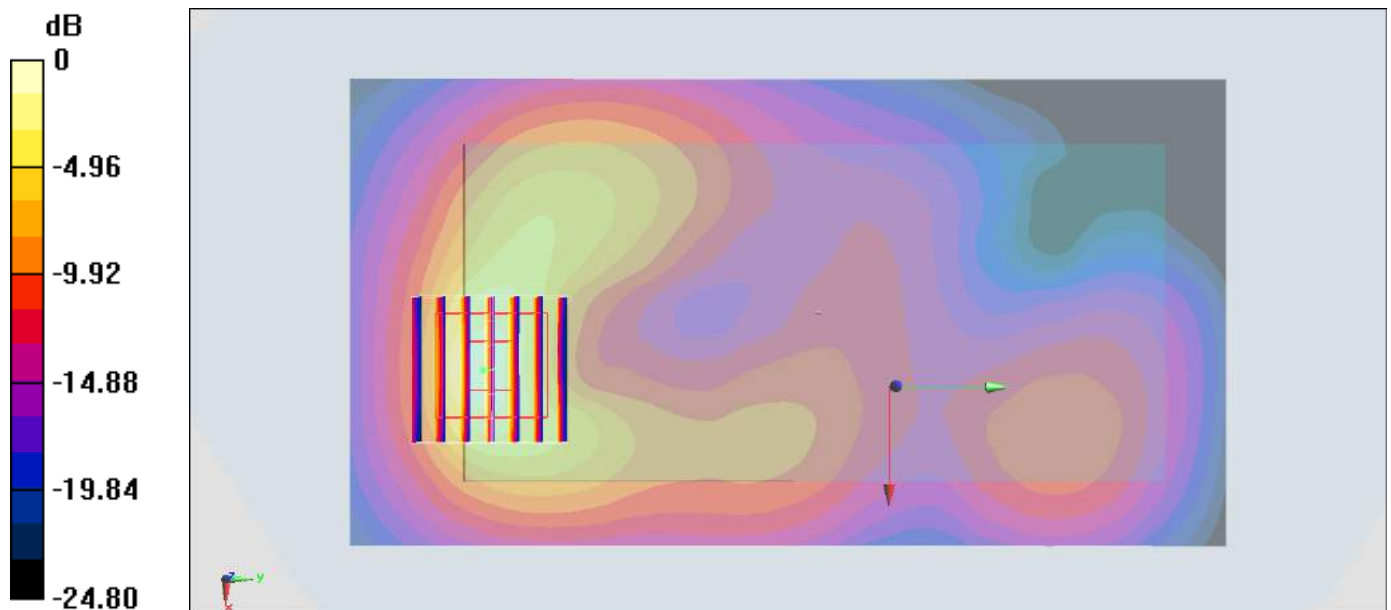
Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.43 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.354 W/kg

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



#24_LTE Band 12_10M_QPSK_1_0_Back_10mm_Ch23095

Communication System: LTE ; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL_750_160208 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 55.842$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.3, 6.3, 6.3); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch23095/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.484 W/kg

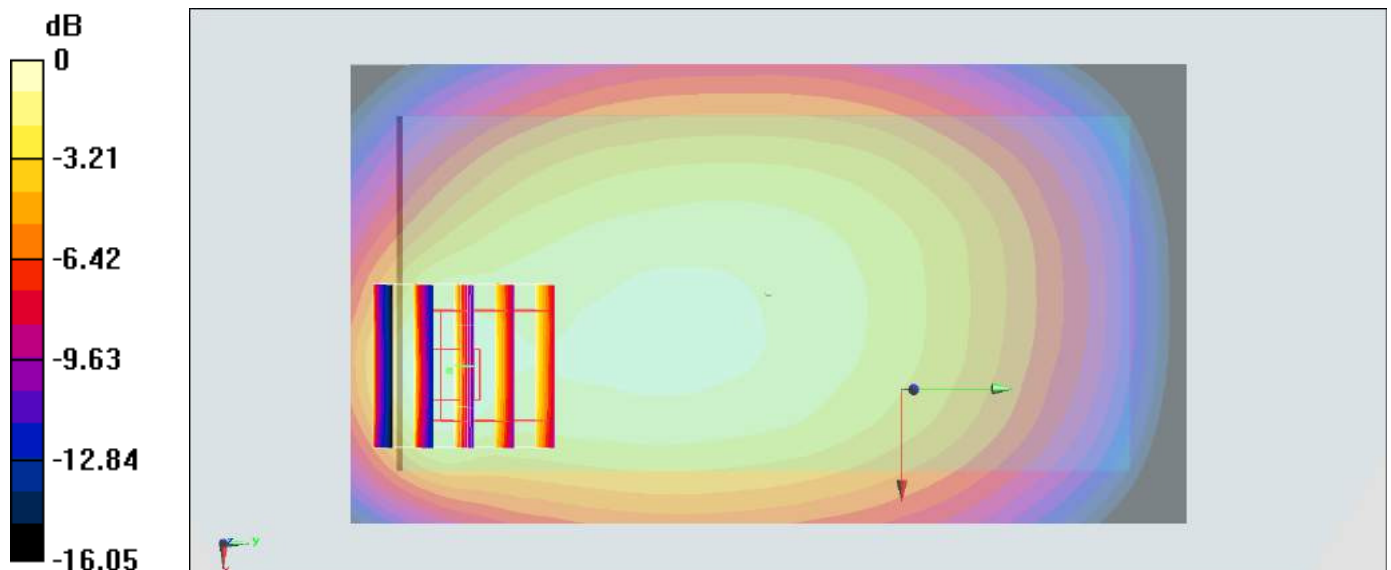
Configuration/Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.86 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.932 W/kg

SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.228 W/kg

Maximum value of SAR (measured) = 0.416 W/kg



0 dB = 0.416 W/kg = -3.81 dBW/kg

#25_WLAN2.4GH□_802.11b 1Mbps_Back_10mm_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_160423 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.947$ S/m; $\epsilon_r = 54.396$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1/Area Scan (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.691 W/kg

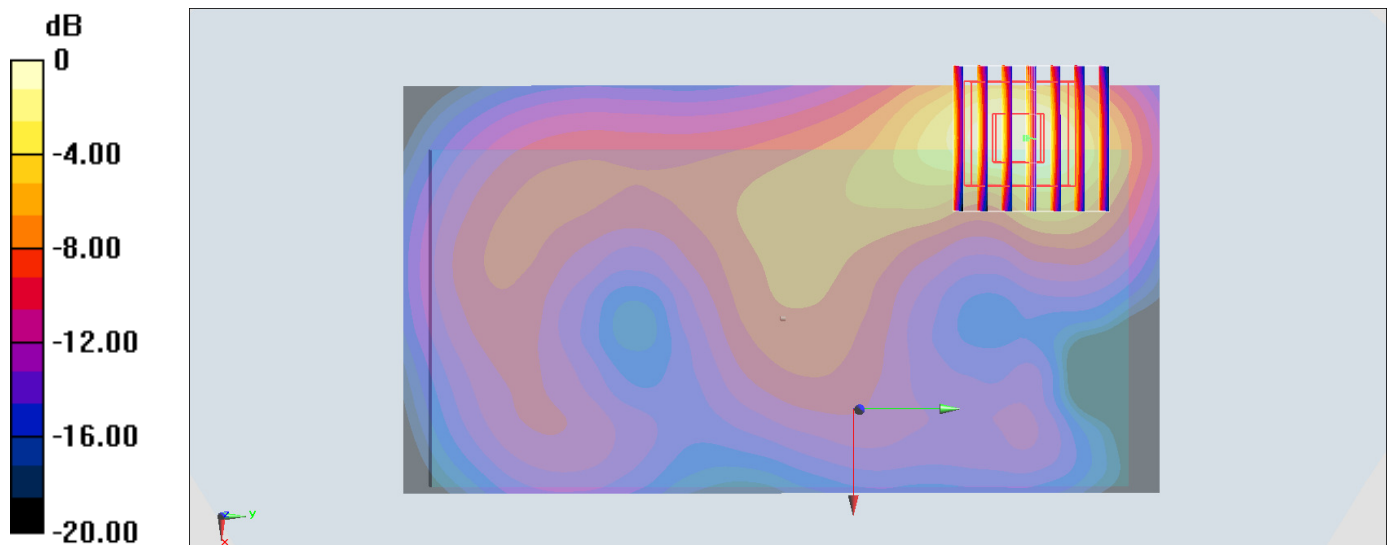
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.79 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.884 W/kg

SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.197 W/kg

Maximum value of SAR (measured) = 0.714 W/kg



0 dB = 0.691 W/kg = -1.61 dBW/kg

#26_GSM850_GPRS (4 Tx slots)_Back_15mm_Ch251

Communication System: GSM850 ; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: MSL_850_160220 Medium parameters used: $f = 849$ MHz; $\sigma = 0.998$ S/m; $\epsilon_r = 56.941$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(9.93, 9.93, 9.93); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch251/Area Scan (61x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.558 W/kg

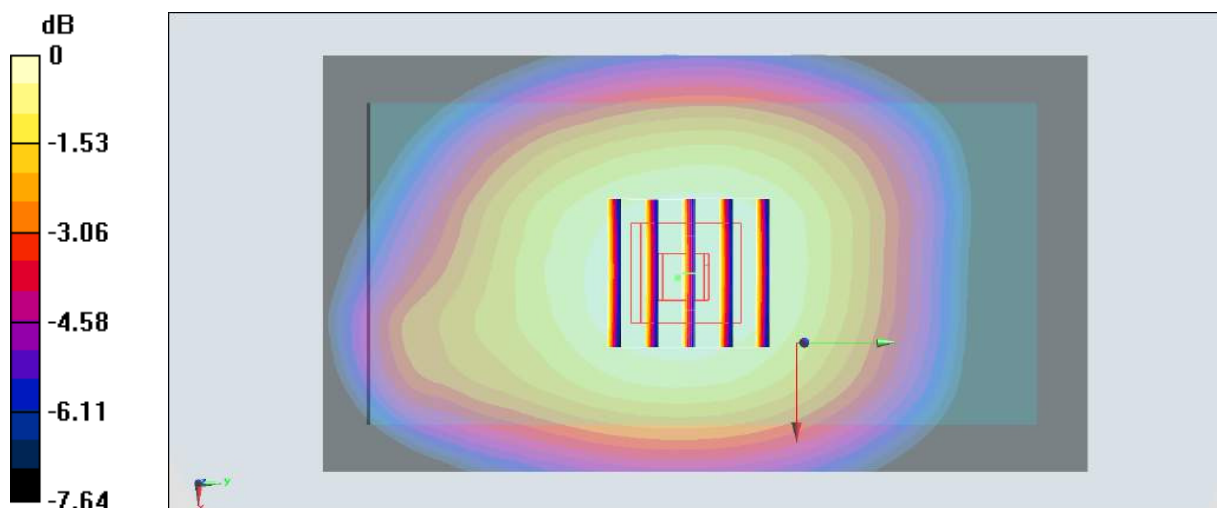
Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.73 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.600 W/kg

SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.363 W/kg

Maximum value of SAR (measured) = 0.558 W/kg



0 dB = 0.558 W/kg = -2.53 dBW/kg

#27_GSM1900_EDGE (4 Tx slots)_Back_15mm_Ch810

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

Medium: MSL_1900_160402 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.9, 7.9, 7.9); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch810/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.404 mW/g

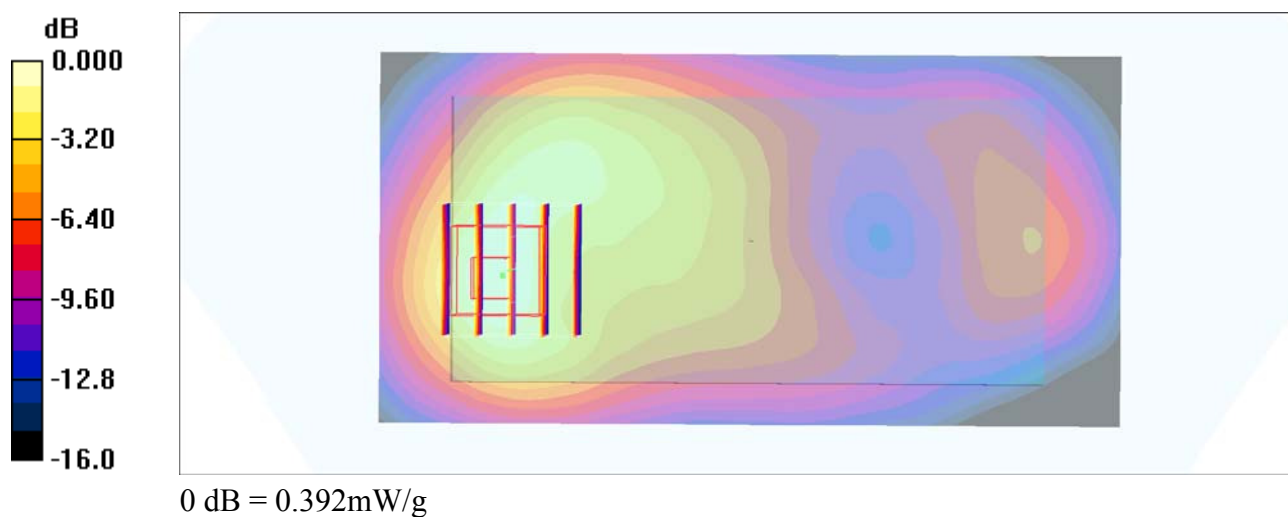
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.1 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 0.470 W/kg

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 0.392 mW/g



#28_WCDMA II_RMC 12.2Kbps_Back_15mm_Ch9538

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

Medium: MSL_1900_160218 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.558$ S/m; $\epsilon_r = 54.985$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(7.9, 7.9, 7.9); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9538/Area Scan (61x51x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.869 W/kg

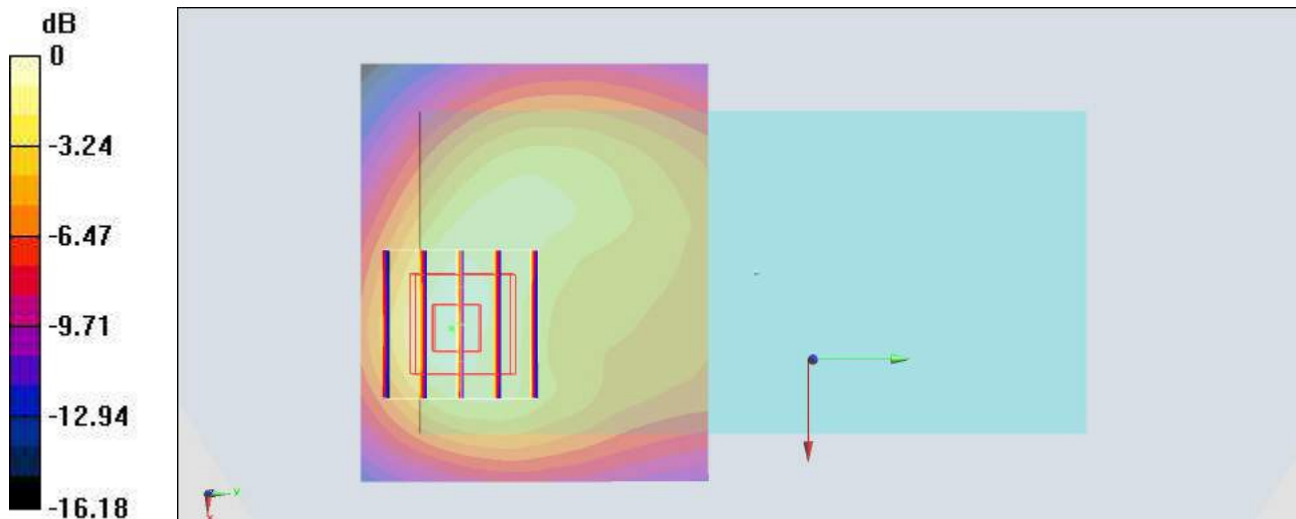
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.44 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.980 W/kg

SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.358 W/kg

Maximum value of SAR (measured) = 0.861 W/kg



0 dB = 0.869 W/kg = -0.61 dBW/kg

#29_WCDMA IV_RMC 12.2Kbps_Back_15mm_Ch1312

Communication System: WCDMA ; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_160218 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.46$ S/m; $\epsilon_r = 55.234$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(8.1, 8.1, 8.1); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1312/Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.579 W/kg

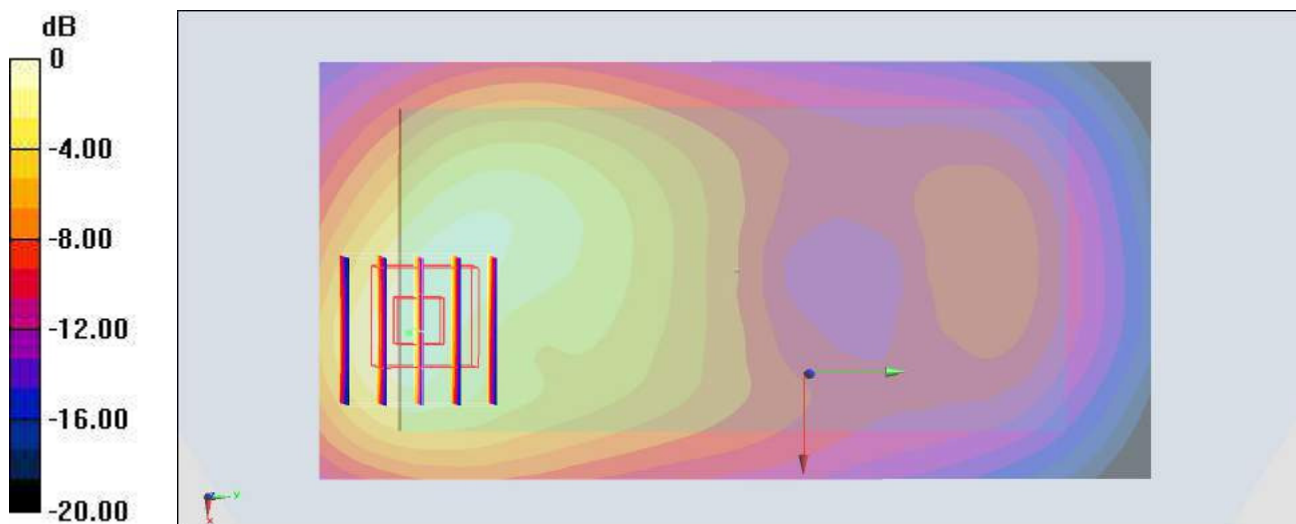
Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.34 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.680 W/kg

SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (measured) = 0.585 W/kg



0 dB = 0.579 W/kg = -2.37 dBW/kg

#30_WCDMA V_RMC 12.2Kbps_Back_15mm_Ch4233

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

Medium: MSL_850_160220 Medium parameters used: $f = 847$ MHz; $\sigma = 0.996$ S/m; $\epsilon_r = 56.961$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(9.93, 9.93, 9.93); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4233/Area Scan (61x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.668 W/kg

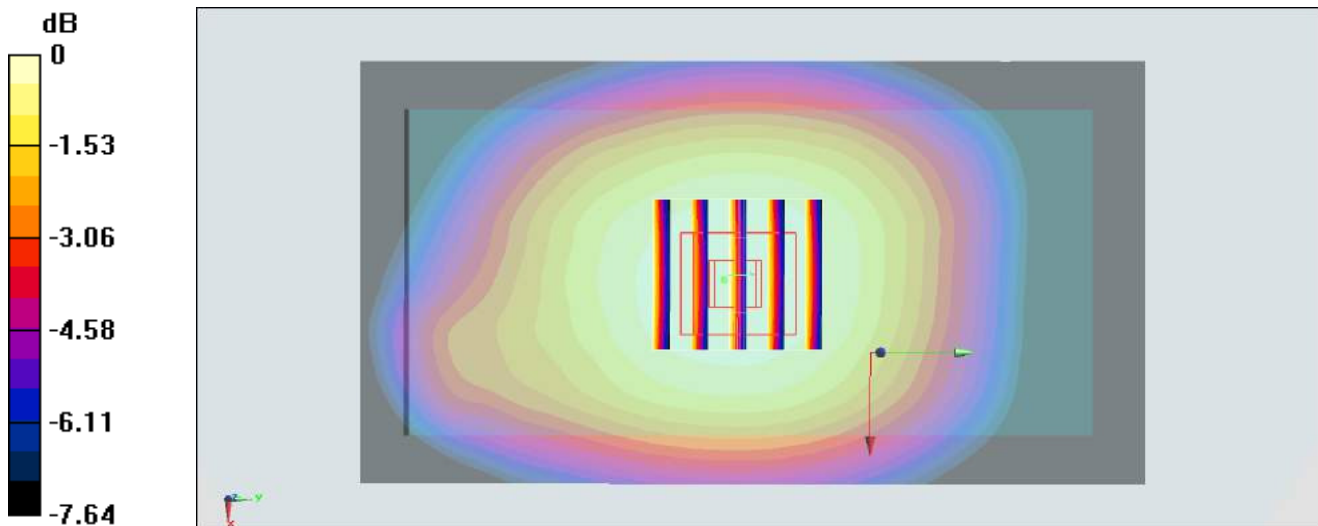
Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.96 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.724 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.414 W/kg

Maximum value of SAR (measured) = 0.658 W/kg



0 dB = 0.668 W/kg = -1.75 dBW/kg

#31_LTE Band 2_20M_QPSK_1_0_Back_15mm_Ch18900

Communication System: LTE ; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_160206 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.517$ S/m; $\epsilon_r = 53.885$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch18900/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.667 W/kg

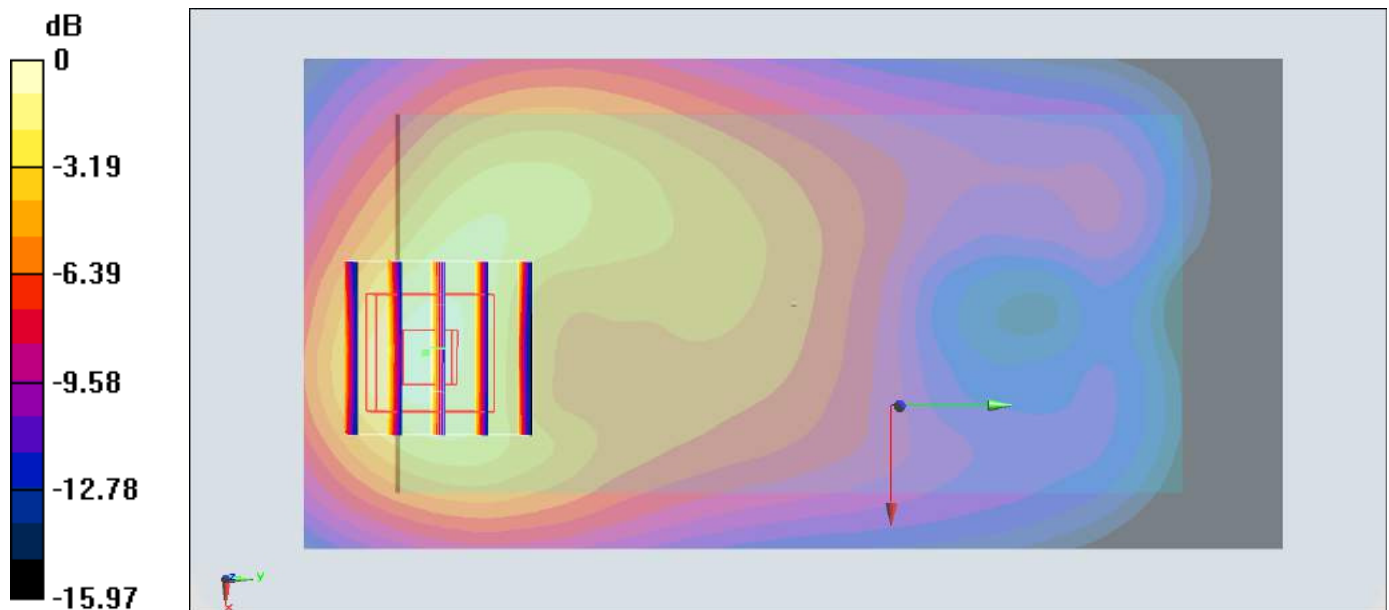
Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.53 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.920 W/kg

SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.303 W/kg

Maximum value of SAR (measured) = 0.736 W/kg



0 dB = 0.736 W/kg = -1.33 dBW/kg

#32_LTE Band 4_20M_QPSK_1_0_Back_15mm_Ch21750

Communication System: LTE ; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium: MSL_1750_160207 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.477$ S/m; $\epsilon_r =$

55.652 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.95, 4.95, 4.95); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch21750/Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.642 W/kg

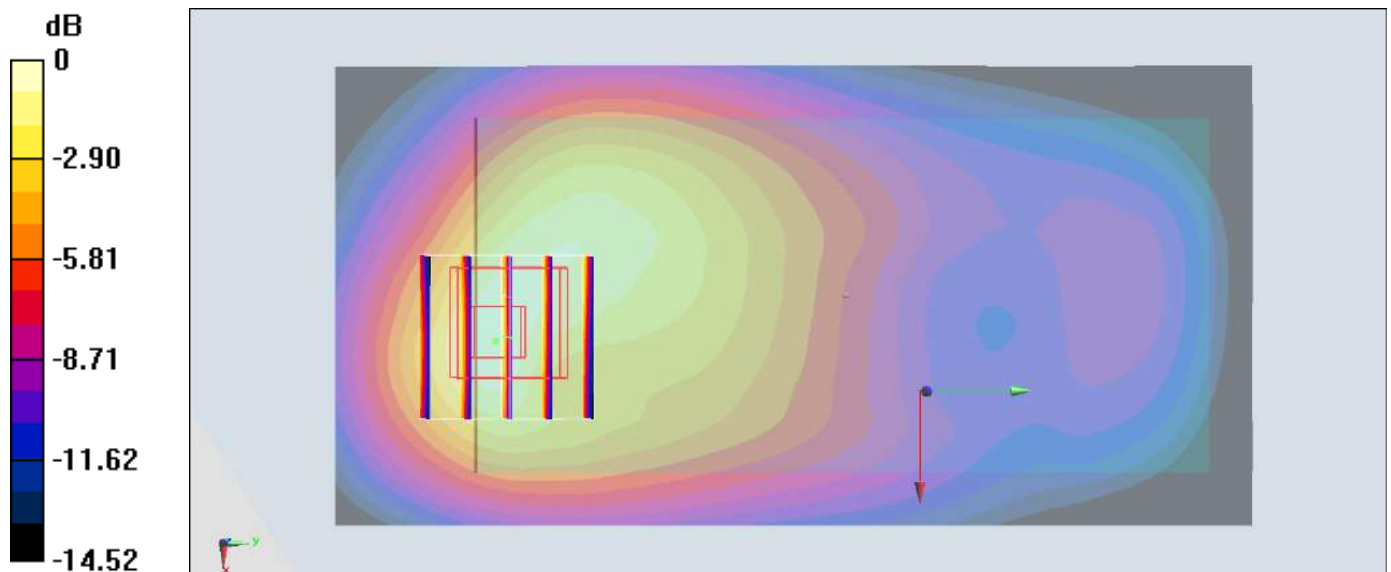
Configuration/Ch21750/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.95 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.819 W/kg

SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.303 W/kg

Maximum value of SAR (measured) = 0.668 W/kg



0 dB = 0.668 W/kg = -1.75 dBW/kg

#33_LTE Band 5_10M_QPSK_1_0_Back_15mm_Ch20525

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

Medium: MSL_850_160208 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.979$ S/m; $\epsilon_r = 57.395$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20525/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

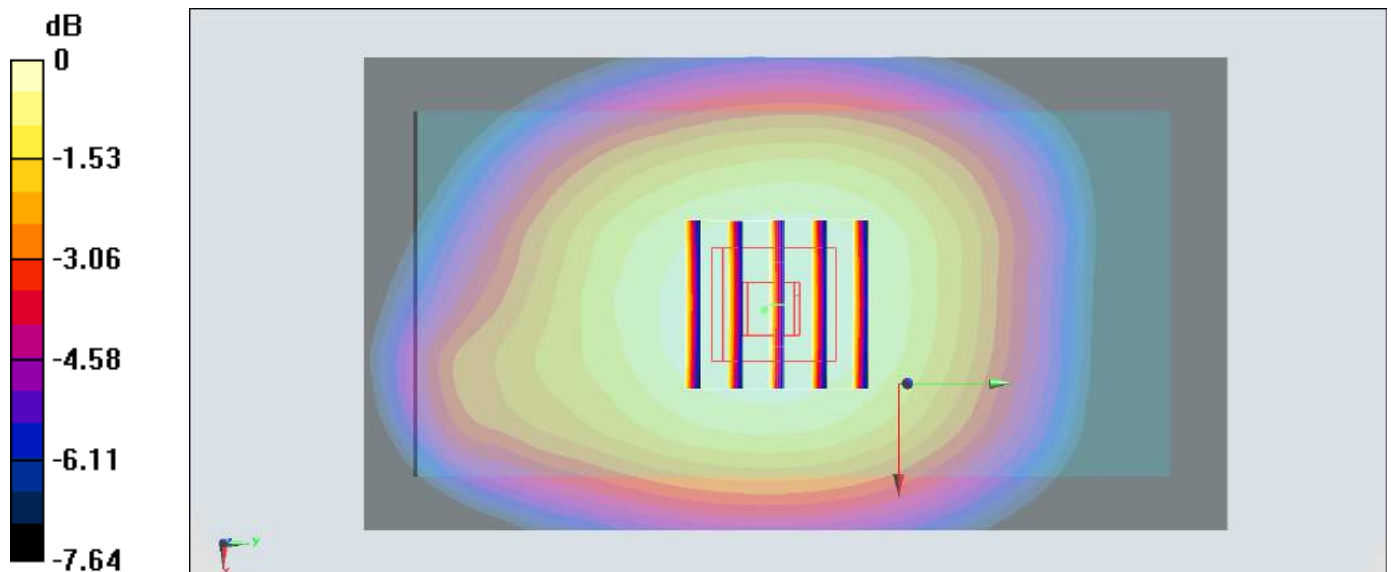
Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.16 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.650 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.356 W/kg

Maximum value of SAR (measured) = 0.554 W/kg



0 dB = 0.554 W/kg = -2.56 dBW/kg

#34_LTE Band 7_20M_QPSK_1_0_Back_15mm_Ch21100

Communication System: LTE ; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_160206 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.997$ S/m; $\epsilon_r = 51.461$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.27, 4.27, 4.27); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch21100/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.434 W/kg

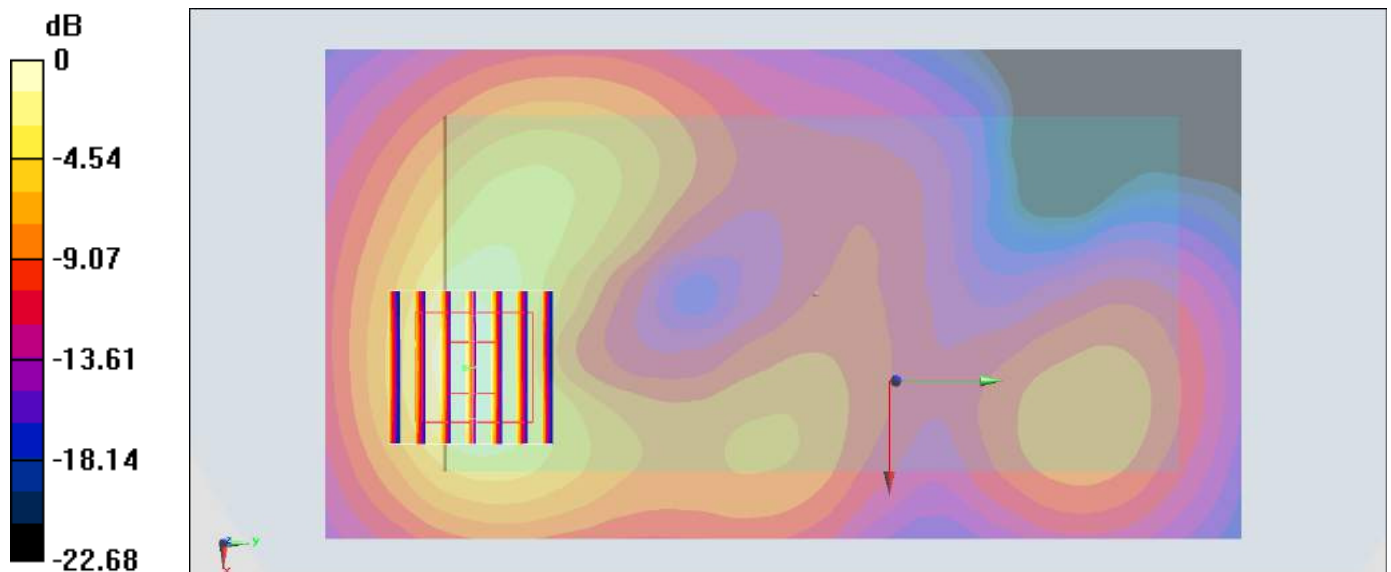
Configuration/Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.19 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.622 W/kg

SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.151 W/kg

Maximum value of SAR (measured) = 0.459 W/kg



0 dB = 0.459 W/kg = -3.38 dBW/kg

#35_LTE Band 12_10M_QPSK_1_0_Back_15mm_Ch23095

Communication System: LTE ; Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium: MSL_750_160208 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 55.842$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.3, 6.3, 6.3); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch23095/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.246 W/kg

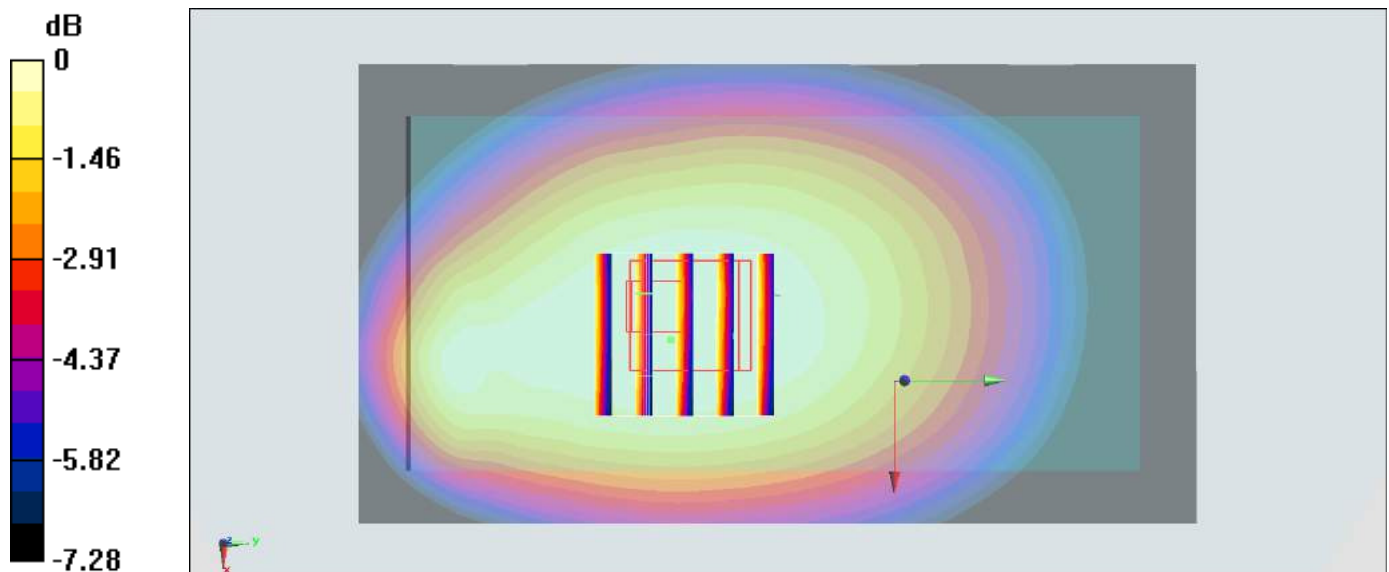
Configuration/Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.35 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 0.233 W/kg



0 dB = 0.233 W/kg = -6.33 dBW/kg

#36_WLAN2.4GH□_802.11b 1Mbps_Back_15mm_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_160423 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.947$ S/m; $\epsilon_r = 54.396$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1/Area Scan (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.372 W/kg

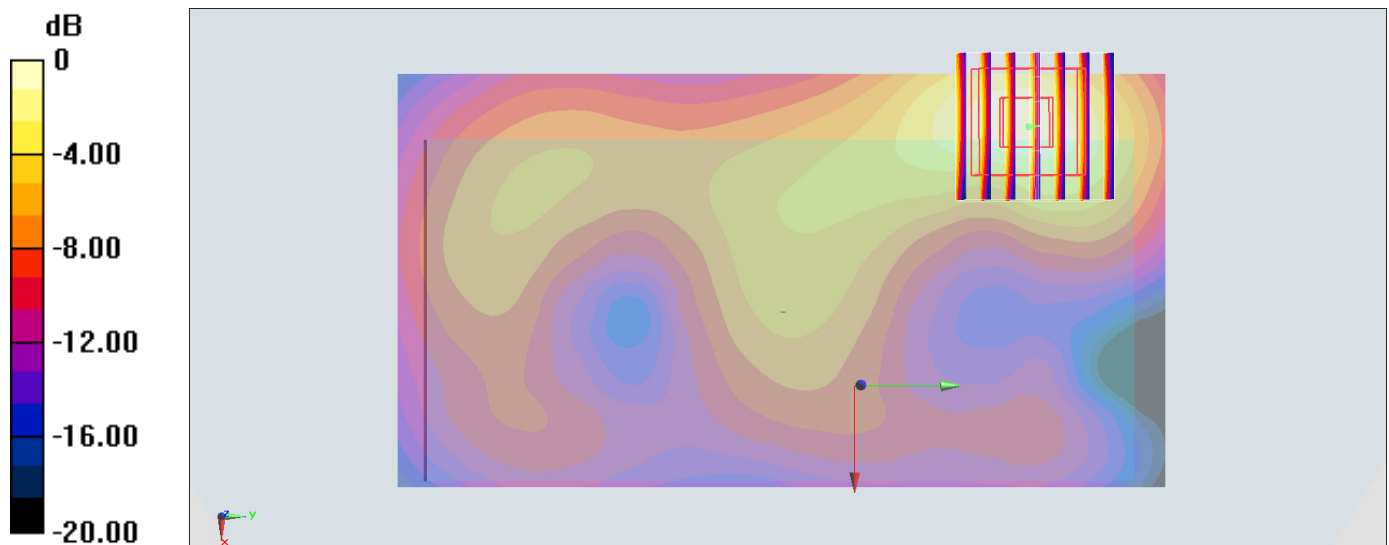
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.07 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.130 W/kg

Maximum value of SAR (measured) = 0.406 W/kg



0 dB = 0.372 W/kg = -4.29 dBW/kg

#37_WLAN5GH□_802.11a 6Mbps_Back_15mm_Ch64

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.029

Medium: MSL_5G_160423 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.493$ S/m; $\epsilon_r = 46.638$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(4.42, 4.42, 4.42); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch64/Area Scan (101x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.311 W/kg

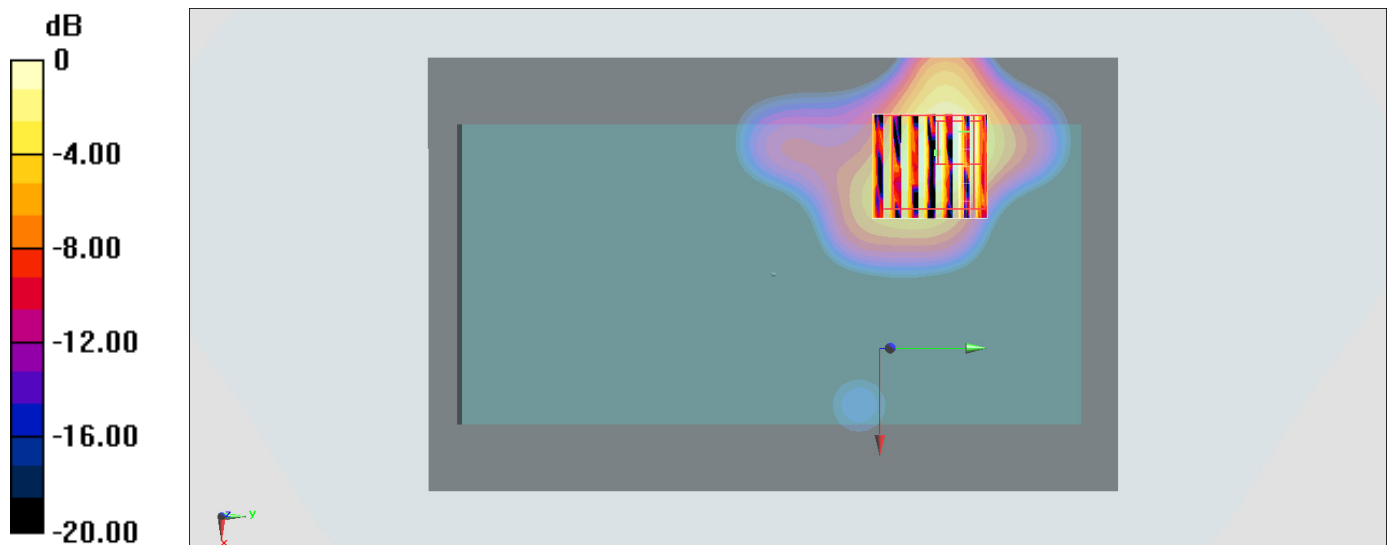
Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.846 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.571 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.334 W/kg



0 dB = 0.311 W/kg = -5.07 dBW/kg

#38_WLAN5GH□_802.11a 6Mbps_Back_15mm_Ch100

Communication System: 802.11a ; Frequency: 5500 MHz;Duty Cycle: 1:1.029

Medium: MSL_5G_160423 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.721$ S/m; $\epsilon_r = 46.36$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(3.84, 3.84, 3.84); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch100/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.415 W/kg

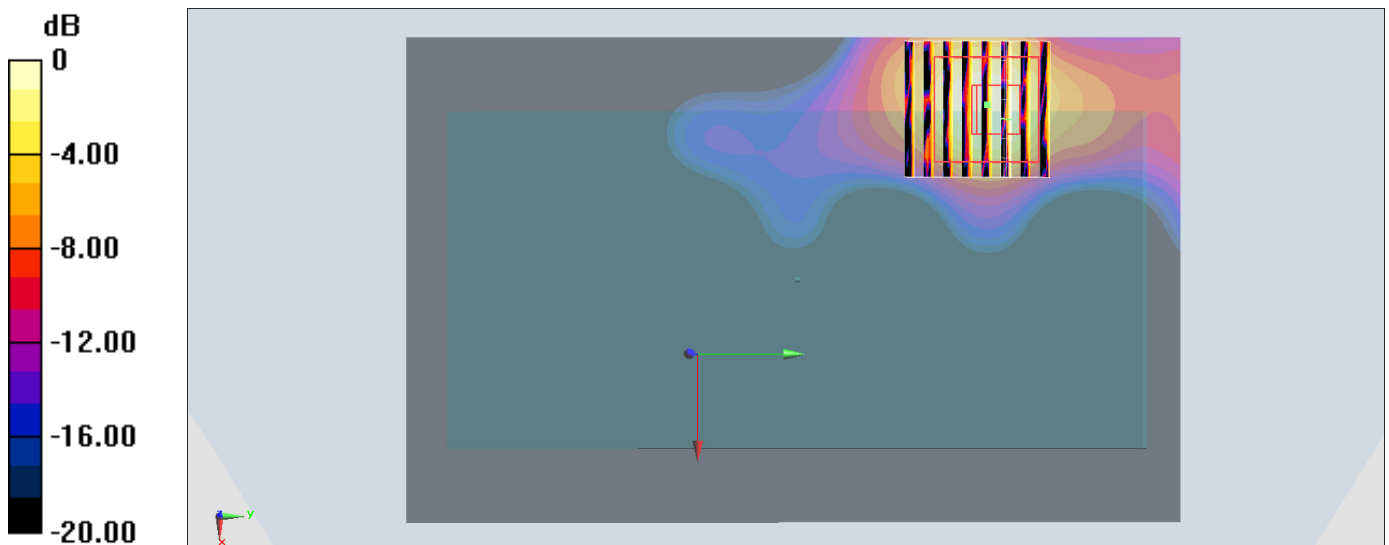
Configuration/Ch100/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.408 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.670 W/kg

SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.390 W/kg



0 dB = 0.415 W/kg = -3.82 dBW/kg

#39_WLAN5GH□_802.11a 6Mbps_Back_15mm_Ch157

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.029

Medium: MSL_5G_160423 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.084$ S/m; $\epsilon_r = 45.948$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(3.98, 3.98, 3.98); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch157/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.355 W/kg

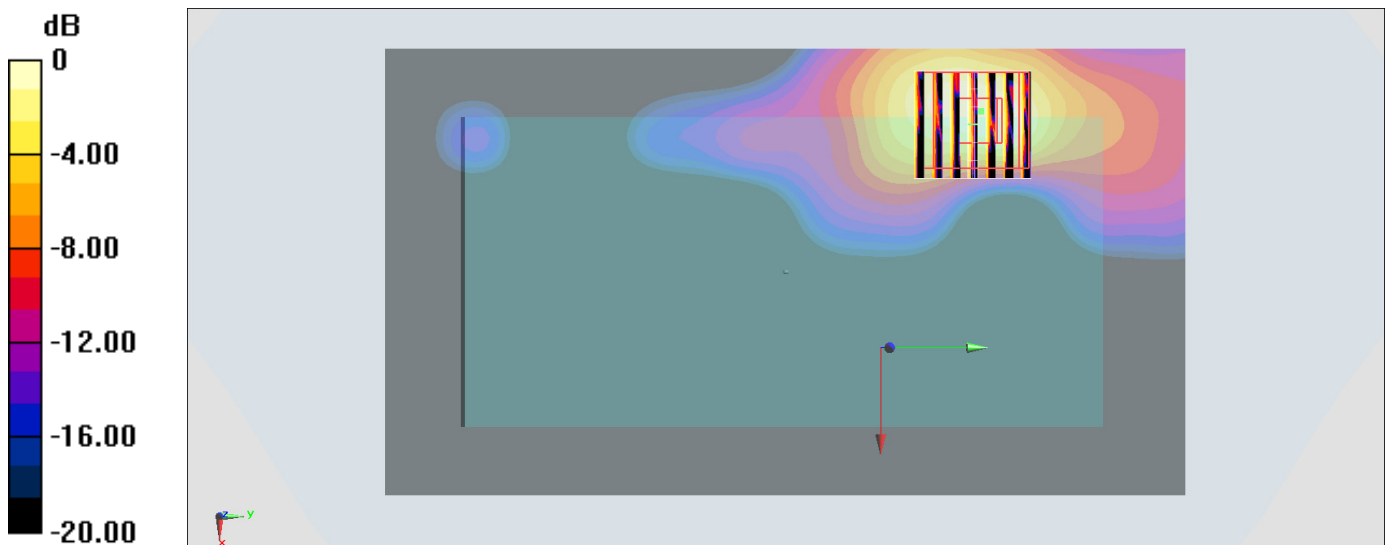
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.517 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.739 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.424 W/kg



0 dB = 0.355 W/kg = -4.50 dBW/kg