

#01_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: HSL_850_160725 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.867$ S/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.04, 10.04, 10.04); 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)

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

Maximum value of SAR (interpolated) = 0.306 W/kg

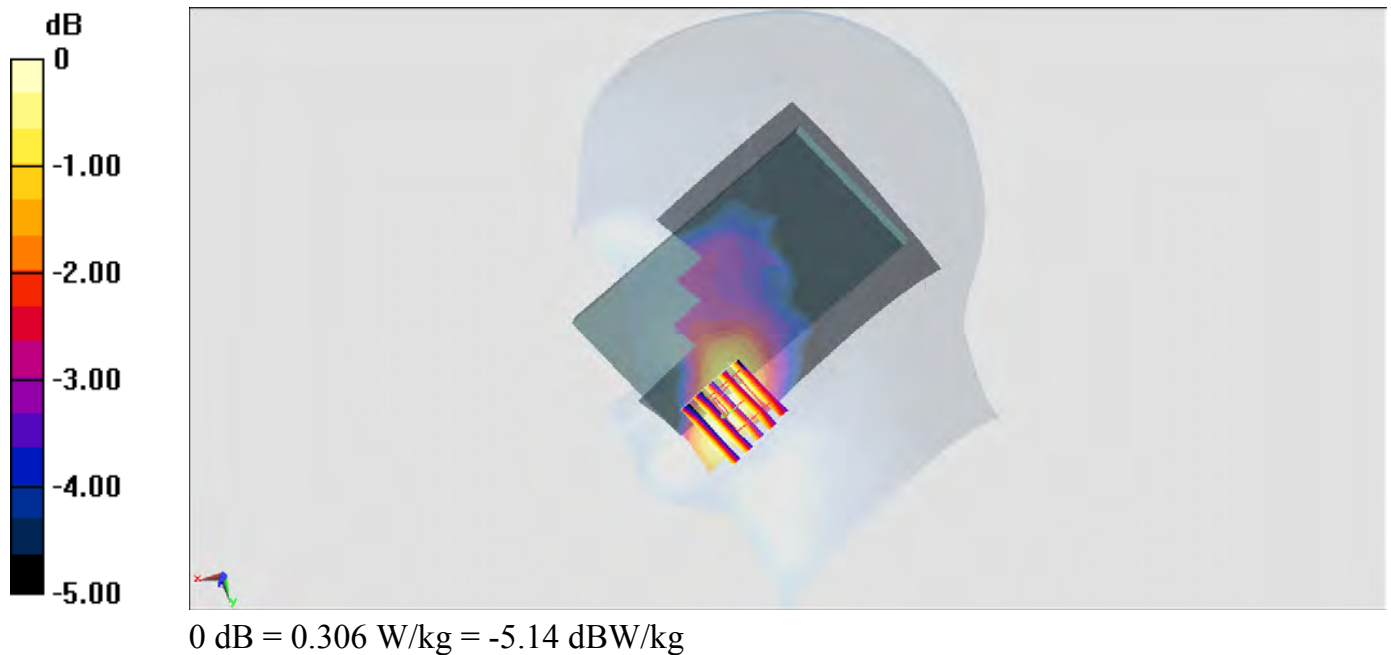
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.71 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.326 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.171 W/kg

Maximum value of SAR (measured) = 0.298 W/kg



#02_GSM1900_GPRS (4 Tx slots)_Right Cheek_Ch661

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

Medium: HSL_1900_160726 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.399$ S/m; $\epsilon_r = 41.319$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.157 W/kg

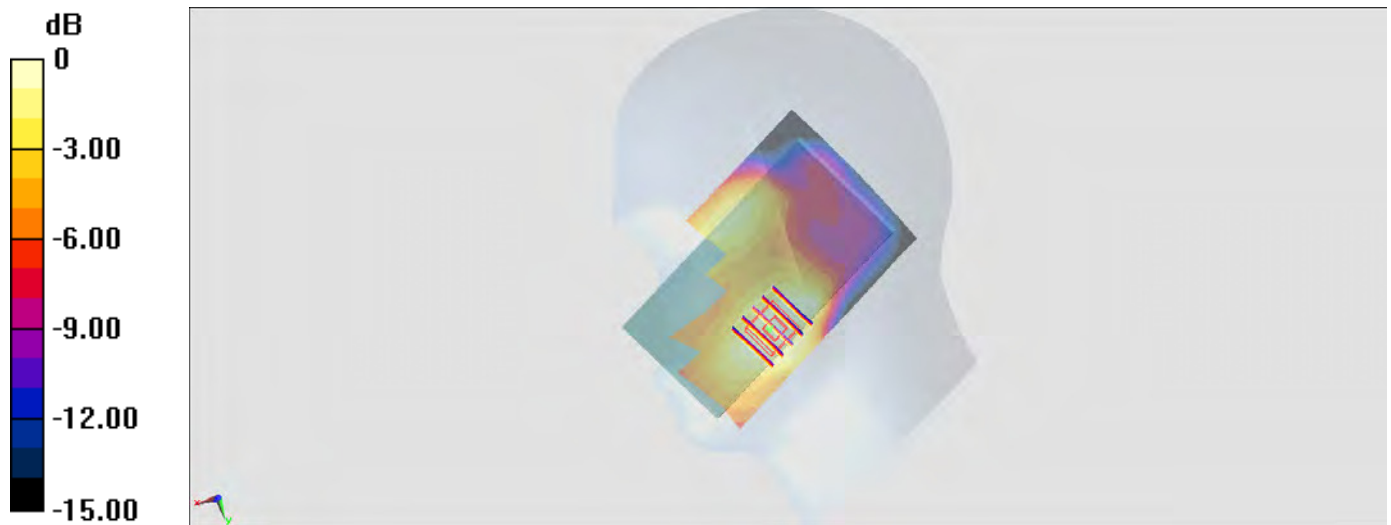
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.657 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.171 W/kg



0 dB = 0.157 W/kg = -8.04 dBW/kg

#03_WCDMA II_RMC 12.2Kbps_Left Cheek_Ch9400

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

Medium: HSL_1900_160726 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.399$ S/m; $\epsilon_r = 41.319$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.344 W/kg

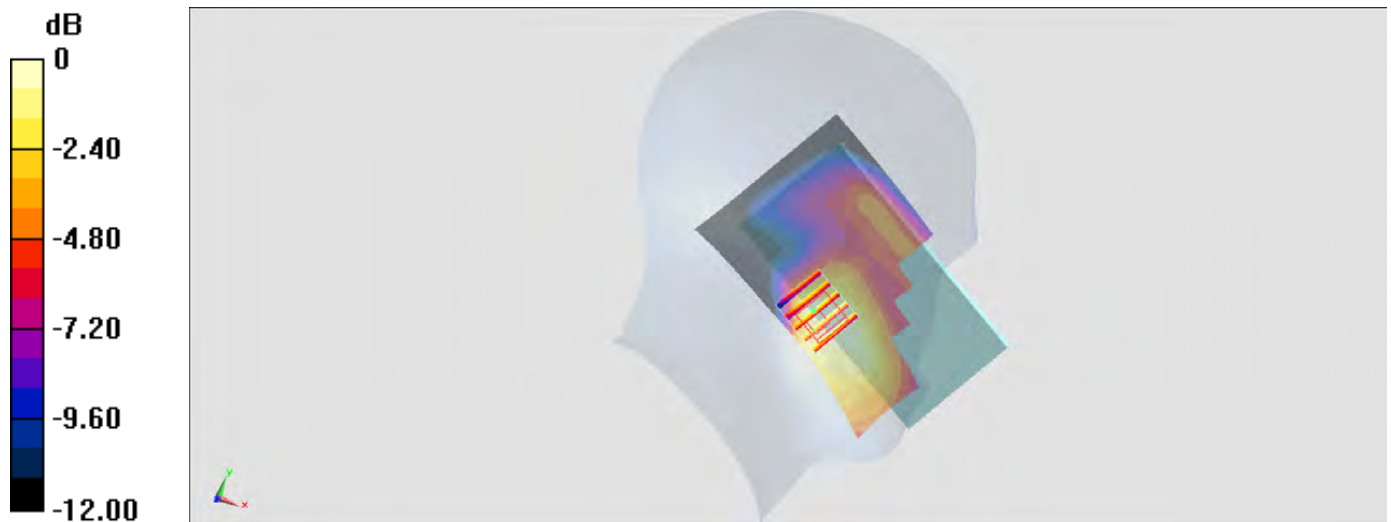
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.85 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.187 W/kg

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



0 dB = 0.344 W/kg = -4.63 dBW/kg

#04_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4233

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

Medium: HSL_850_160725 Medium parameters used: $f = 847$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.04, 10.04, 10.04); 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)

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

Maximum value of SAR (interpolated) = 0.411 W/kg

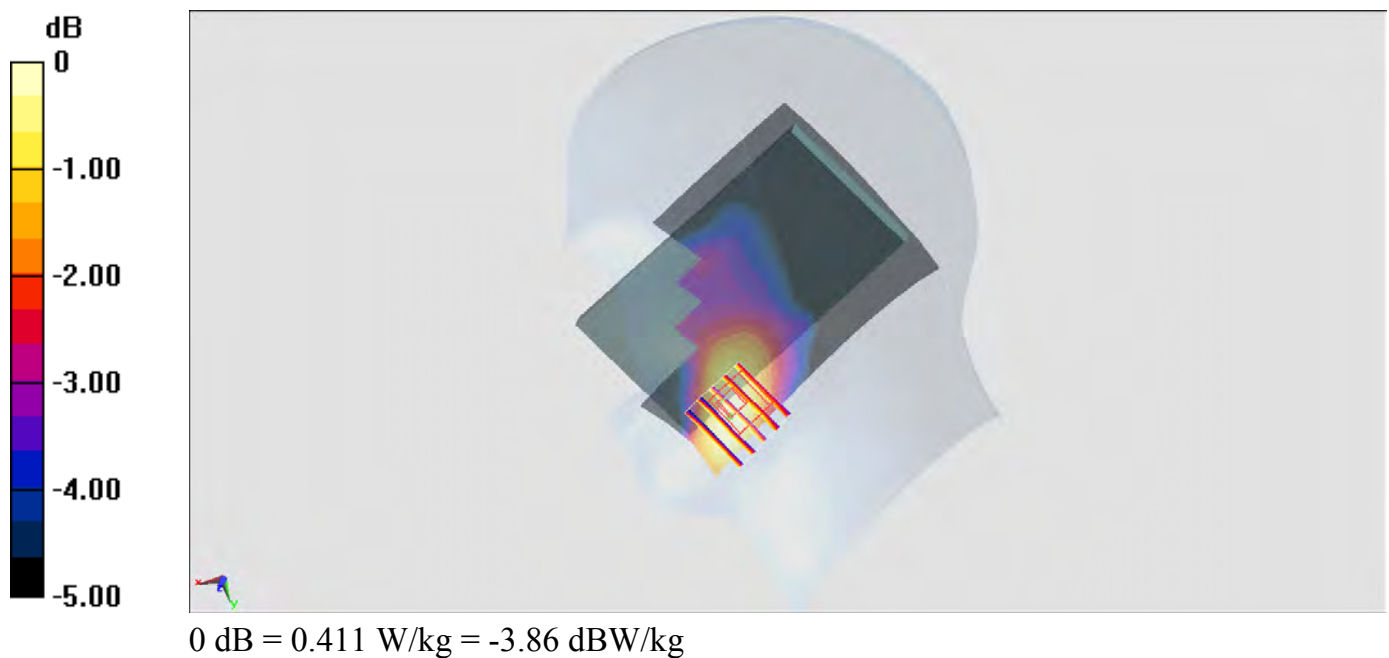
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.11 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.454 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.237 W/kg

Maximum value of SAR (measured) = 0.409 W/kg



#05_CDMA BC0_1xRTT RC3 SO55_Right Cheek_Ch1013

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

Medium: HSL_850_160725 Medium parameters used: $f = 847$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.04, 10.04, 10.04); 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)

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

Maximum value of SAR (interpolated) = 0.409 W/kg

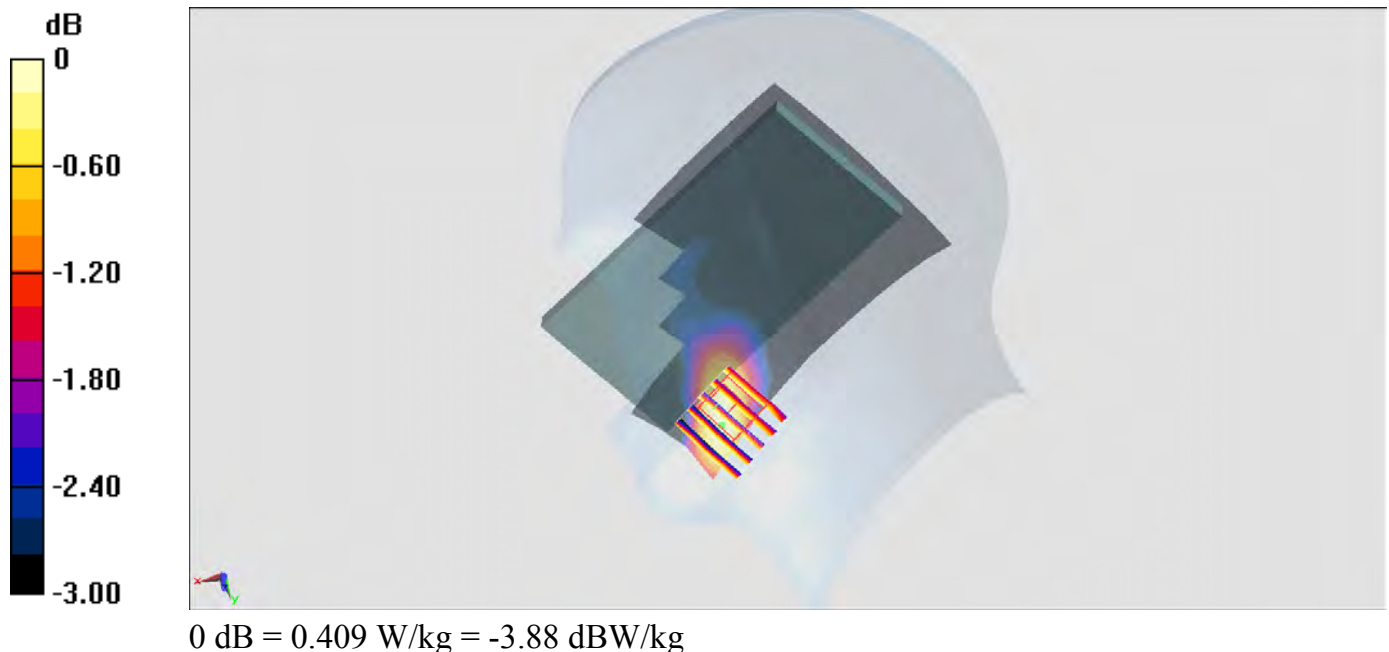
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.88 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.439 W/kg

SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.229 W/kg

Maximum value of SAR (measured) = 0.399 W/kg



#06_CDMA BC1_1xRTT RC3 SO55_Left Cheek_Ch600

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

Medium: HSL_1900_160726 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.399$ S/m; $\epsilon_r = 41.319$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.420 W/kg

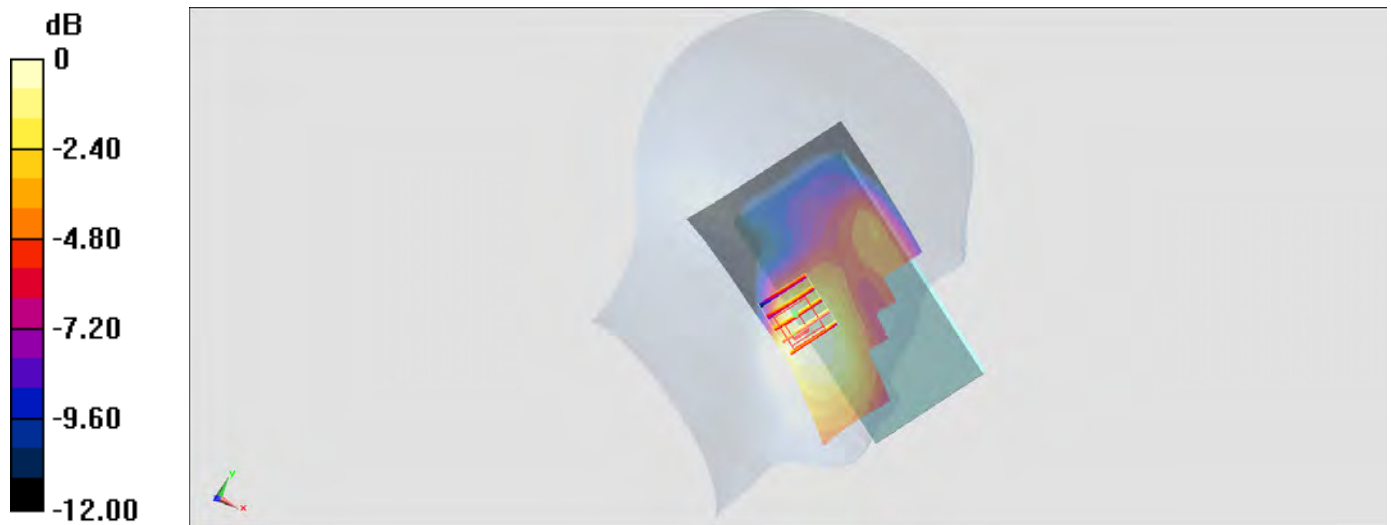
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.26 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.234 W/kg

Maximum value of SAR (measured) = 0.421 W/kg



0 dB = 0.420 W/kg = -3.77 dBW/kg

#07_LTE Band 2_20M_QPSK_1_49_Left Cheek_Ch18700

Communication System: LTE ; Frequency: 1860 MHz;Duty Cycle: 1:1

Medium: HSL_1900_160726 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 41.416$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

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

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

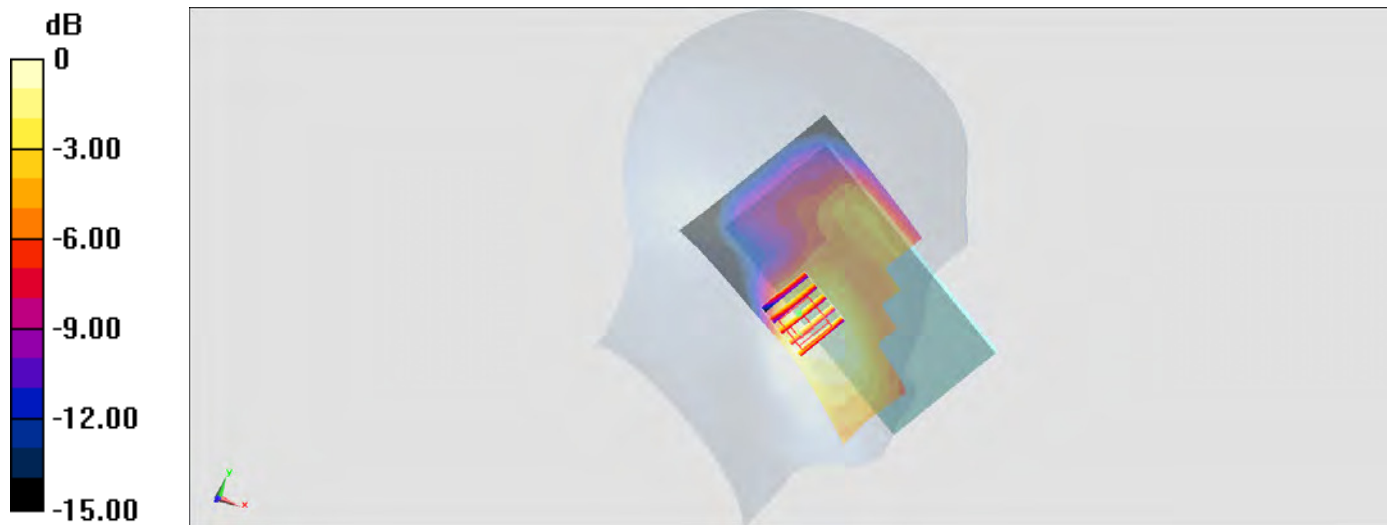
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.03 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.185 W/kg

Maximum value of SAR (measured) = 0.336 W/kg



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

#08_LTE Band 4_20M_QPSK_1_49_Right Cheek_Ch20175

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

Medium: HSL_1750_160726 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 38.809$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.284 W/kg

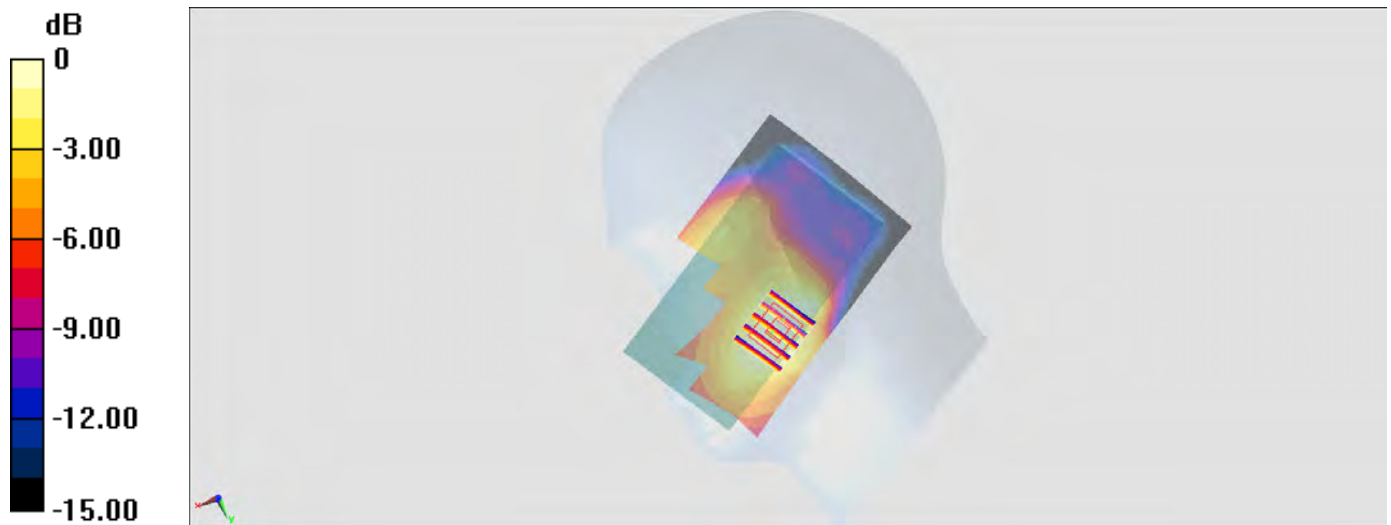
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.82 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 0.285 W/kg



0 dB = 0.284 W/kg = -5.47 dBW/kg

#09_LTE Band 5_10M_QPSK_1_25_Right Cheek_Ch20525

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

Medium: HSL_850_160725 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 41.345$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.04, 10.04, 10.04); 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)

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

Maximum value of SAR (interpolated) = 0.313 W/kg

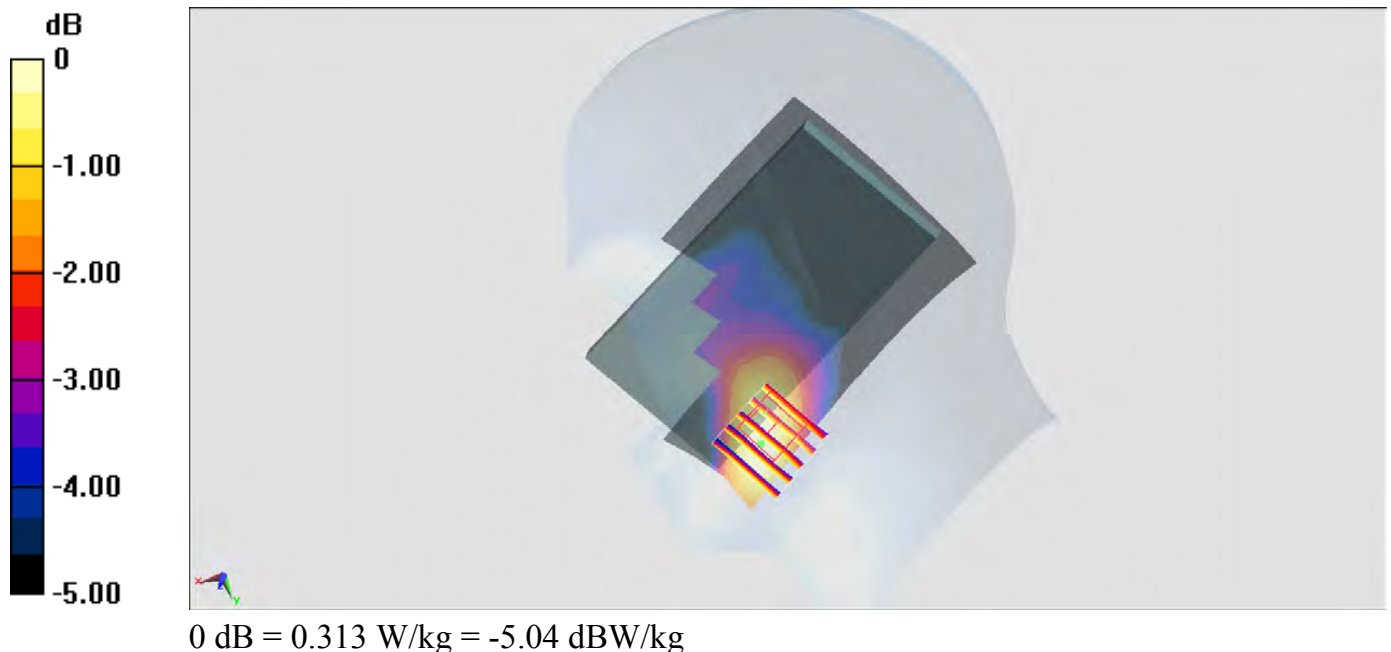
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.75 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 0.297 W/kg



#10_LTE Band 7_20M_QPSK_1_49_Right Cheek_Ch21350

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

Medium: HSL_2600_160726 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.89$ S/m; $\epsilon_r = 39.375$; $\rho = 1000$ kg/m³

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

Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.487 W/kg

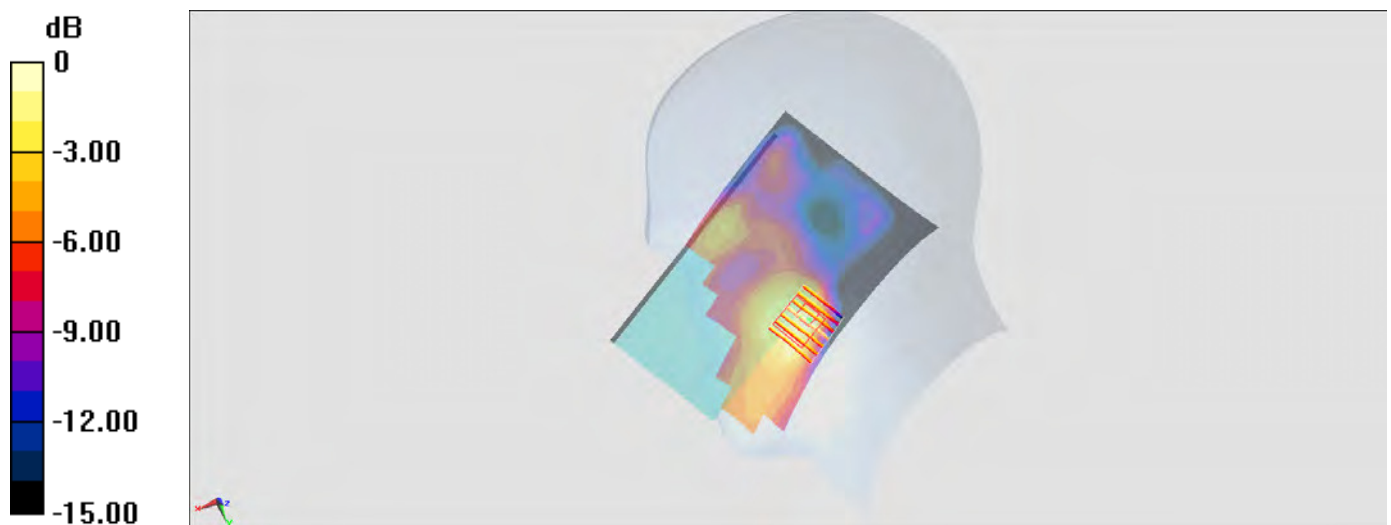
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.39 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.501 W/kg

SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.184 W/kg

Maximum value of SAR (measured) = 0.367 W/kg



0 dB = 0.487 W/kg = -3.12 dBW/kg

#11_LTE Band 13_10M_QPSK_1_0_Left Cheek_Ch23230

Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1

Medium: HSL_750_160725 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.928 \text{ S/m}$; $\epsilon_r = 41.401$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.46, 10.46, 10.46); 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)

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

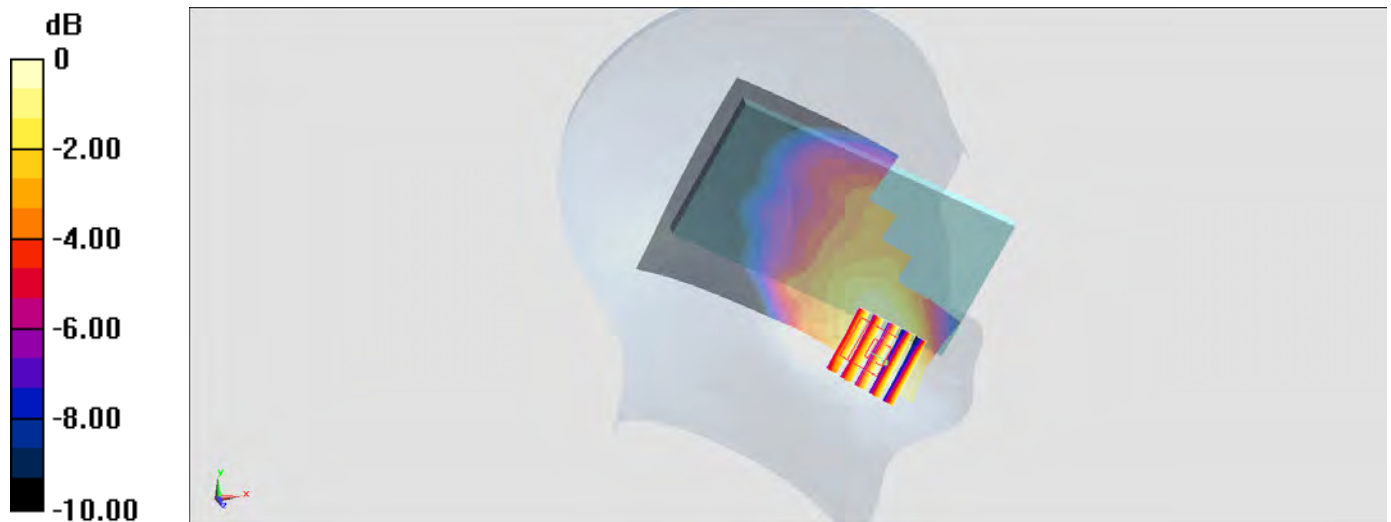
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.15 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.313 W/kg ; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.425 W/kg



0 dB = 0.425 W/kg = -3.72 dBW/kg

#12_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.024

Medium: HSL_2450_160726 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.751$ S/m; $\epsilon_r = 39.841$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.59, 4.59, 4.59); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (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)

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

Maximum value of SAR (interpolated) = 1.28 W/kg

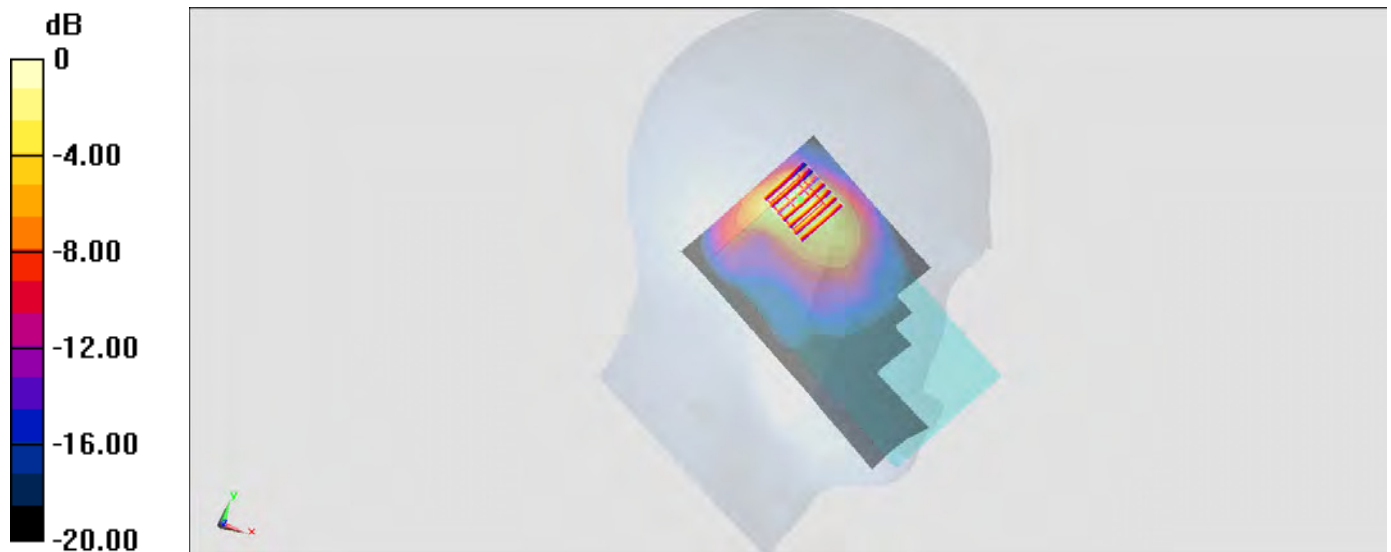
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.03 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.988 W/kg; SAR(10 g) = 0.481 W/kg

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



0 dB = 1.28 W/kg = 1.07 dBW/kg

#13_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch40

Communication System: 802.11a ; Frequency: 5200 MHz;Duty Cycle: 1:1.15

Medium: HSL_5G_160727 Medium parameters used: $f = 5200$ MHz; $\sigma = 4.431$ S/m; $\epsilon_r = 37.73$; $\rho = 1000$ 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)

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

Maximum value of SAR (interpolated) = 2.39 W/kg

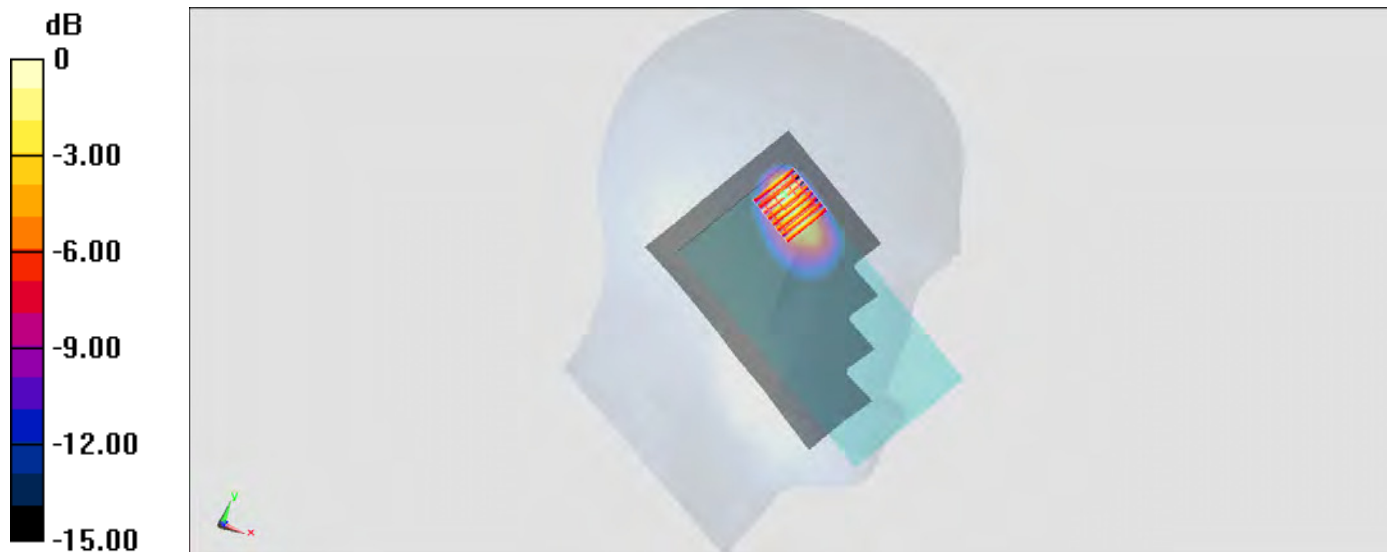
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.81 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 5.13 W/kg

SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.295 W/kg

Maximum value of SAR (measured) = 2.35 W/kg



0 dB = 2.39 W/kg = 3.78 dBW/kg

#14_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch64

Communication System: 802.11a ; Frequency: 5320 MHz;Duty Cycle: 1:1.15

Medium: HSL_5G_160727 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.548$ S/m; $\epsilon_r = 37.574$; $\rho = 1000$ 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)

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

Maximum value of SAR (interpolated) = 2.43 W/kg

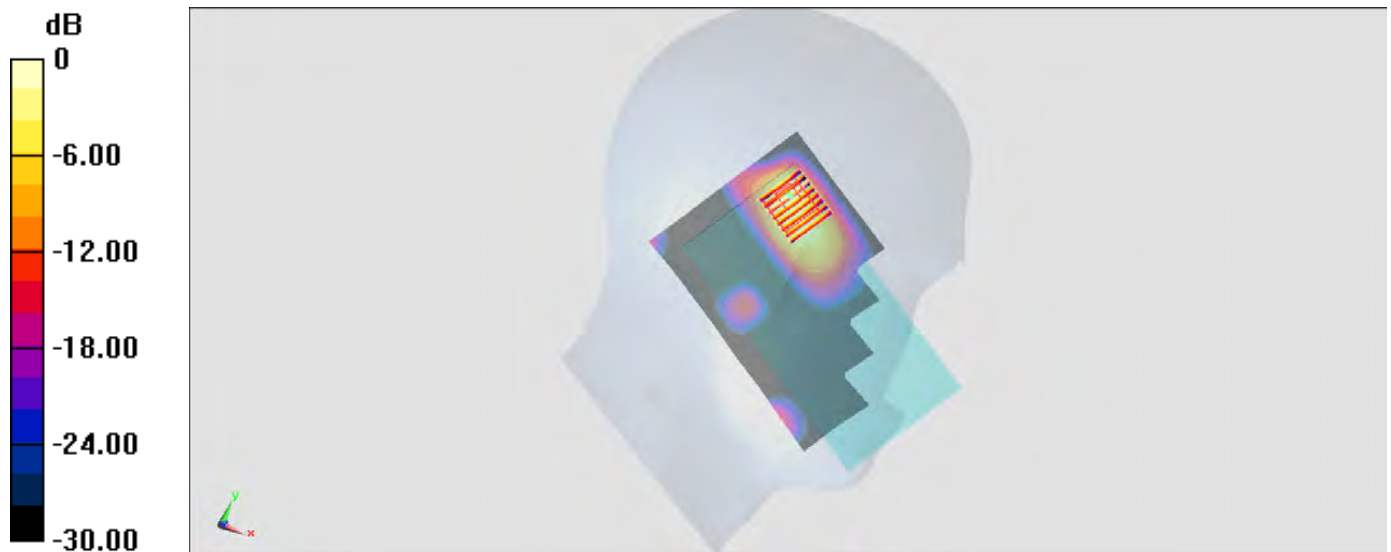
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.95 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 4.39 W/kg

SAR(1 g) = 0.924 W/kg; SAR(10 g) = 0.312 W/kg

Maximum value of SAR (measured) = 2.48 W/kg



0 dB = 2.43 W/kg = 3.86 dBW/kg

#15_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch100

Communication System: 802.11a ; Frequency: 5500 MHz;Duty Cycle: 1:1.15

Medium: HSL_5G_160727 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.723$ S/m; $\epsilon_r = 37.359$; $\rho = 1000$ 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)

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

Maximum value of SAR (interpolated) = 2.98 W/kg

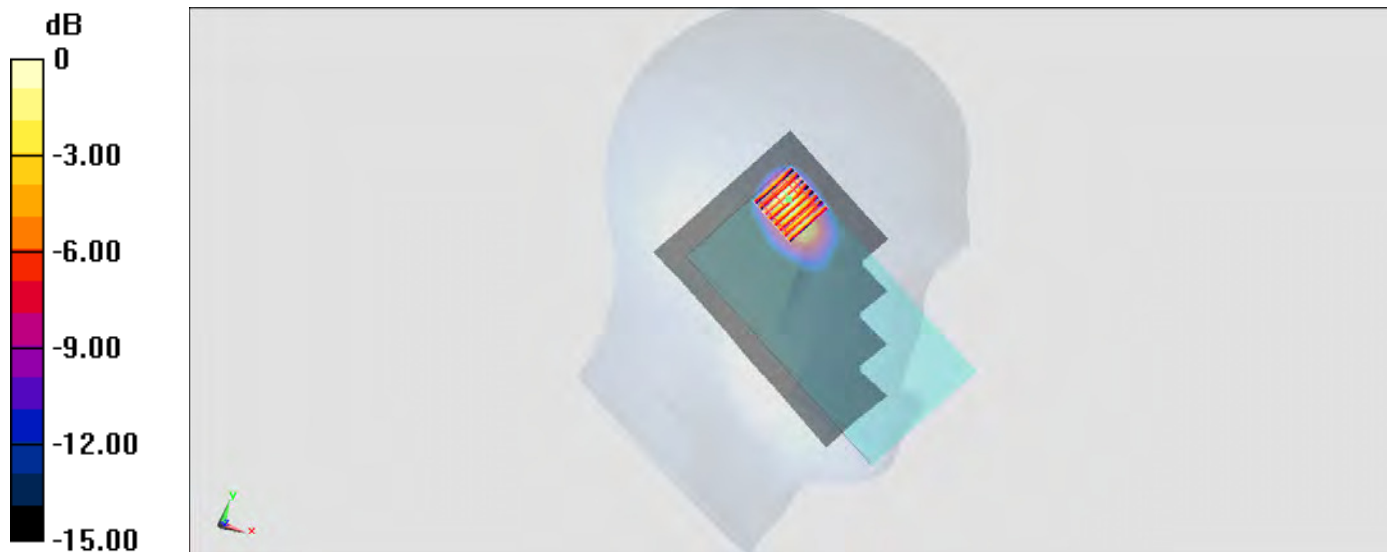
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.29 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 4.10 W/kg

SAR(1 g) = 0.939 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 2.52 W/kg



0 dB = 2.98 W/kg = 4.74 dBW/kg

#16_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch165

Communication System: 802.11a ; Frequency: 5825 MHz;Duty Cycle: 1:1.15

Medium: HSL_5G_160727 Medium parameters used: $f = 5825$ MHz; $\sigma = 5.055$ S/m; $\epsilon_r = 36.953$; $\rho = 1000$ 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)

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

Maximum value of SAR (interpolated) = 3.77 W/kg

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

Reference Value = 14.38 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 5.10 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.317 W/kg

Maximum value of SAR (measured) = 2.73 W/kg



0 dB = 3.77 W/kg = 5.76 dBW/kg

#17_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch189

Communication System: GSM850 ; Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: MSL_850_160725 Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.958$ S/m;

$\epsilon_r = 56.488$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °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 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

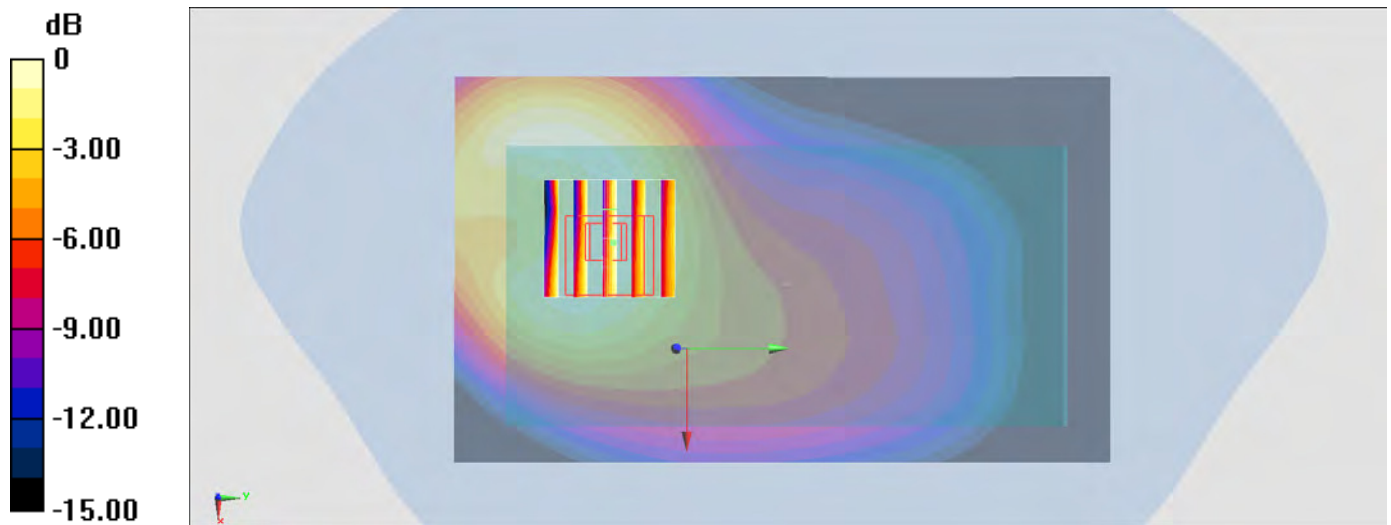
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.97 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 0.381 W/kg



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

#18_GSM1900_GPRS (4 Tx slots)_Bottom Side_10mm_Ch810

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

Medium: MSL_1900_160726 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.544$ S/m; $\epsilon_r = 54.514$; $\rho = 1000$ kg/m³

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

Area Scan (51x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.613 W/kg

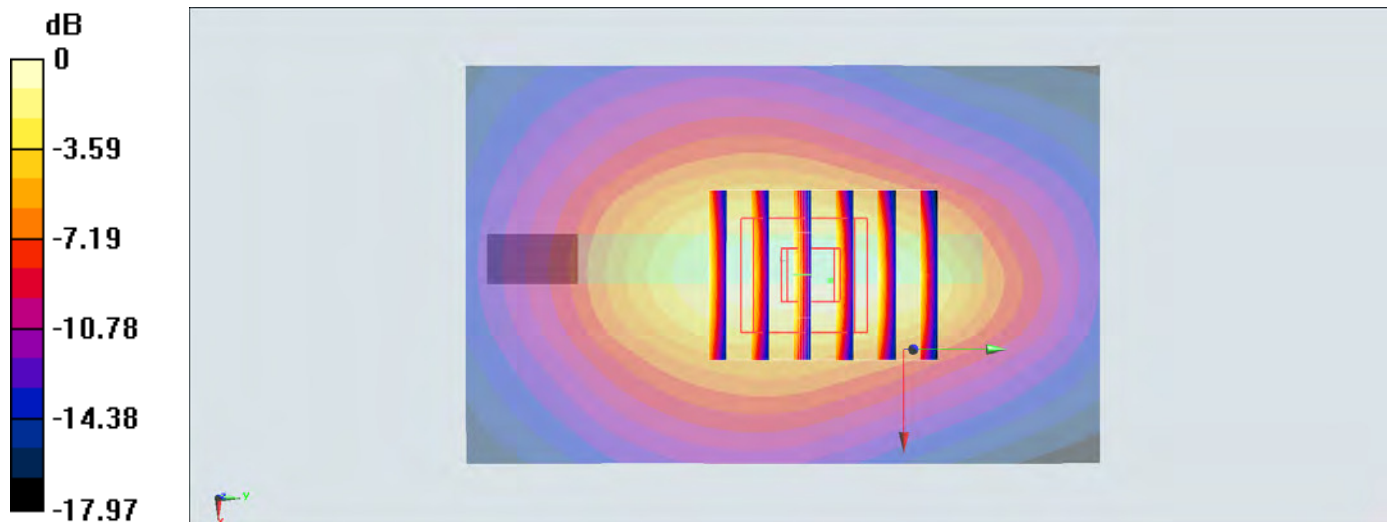
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.81 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.282 W/kg

Maximum value of SAR (measured) = 0.593 W/kg



0 dB = 0.613 W/kg = -2.13 dBW/kg

#19_WCDMA II_RMC 12.2Kbps_Bottom Side_10mm_Ch9538

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

Medium: MSL_1900_160726 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.542$ S/m; $\epsilon_r = 54.523$; $\rho = 1000$ kg/m³

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

Area Scan (51x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

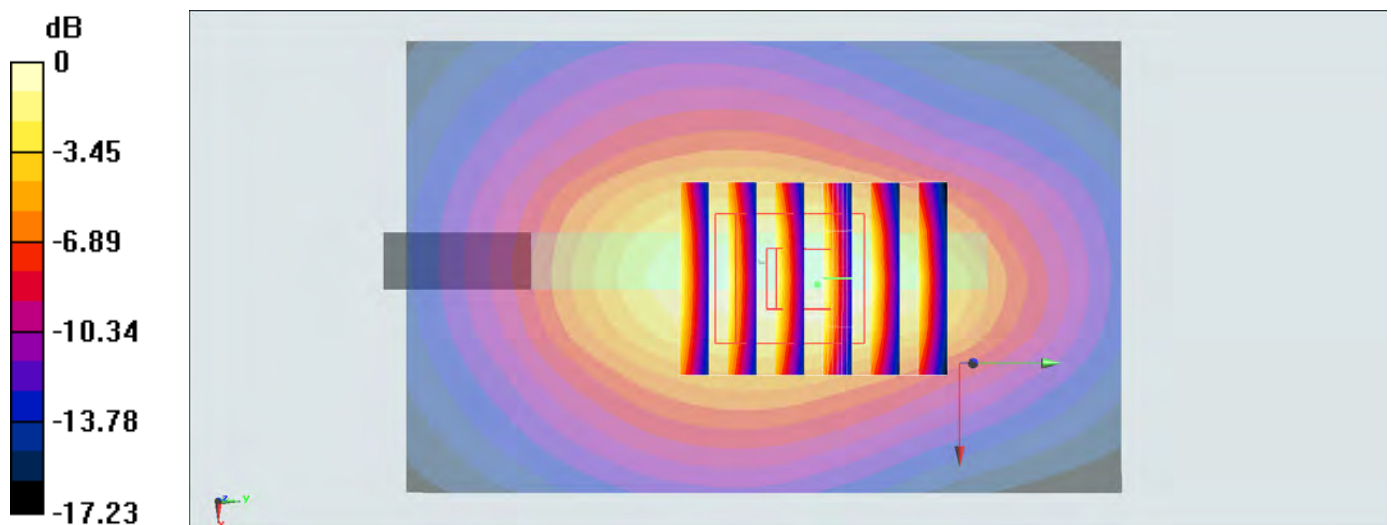
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.90 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.928 W/kg; SAR(10 g) = 0.553 W/kg

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

#20_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4233

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

Medium: MSL_850_160725 Medium parameters used: $f = 847$ MHz; $\sigma = 0.968$ S/m; $\epsilon_r = 56.393$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °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 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.430 W/kg

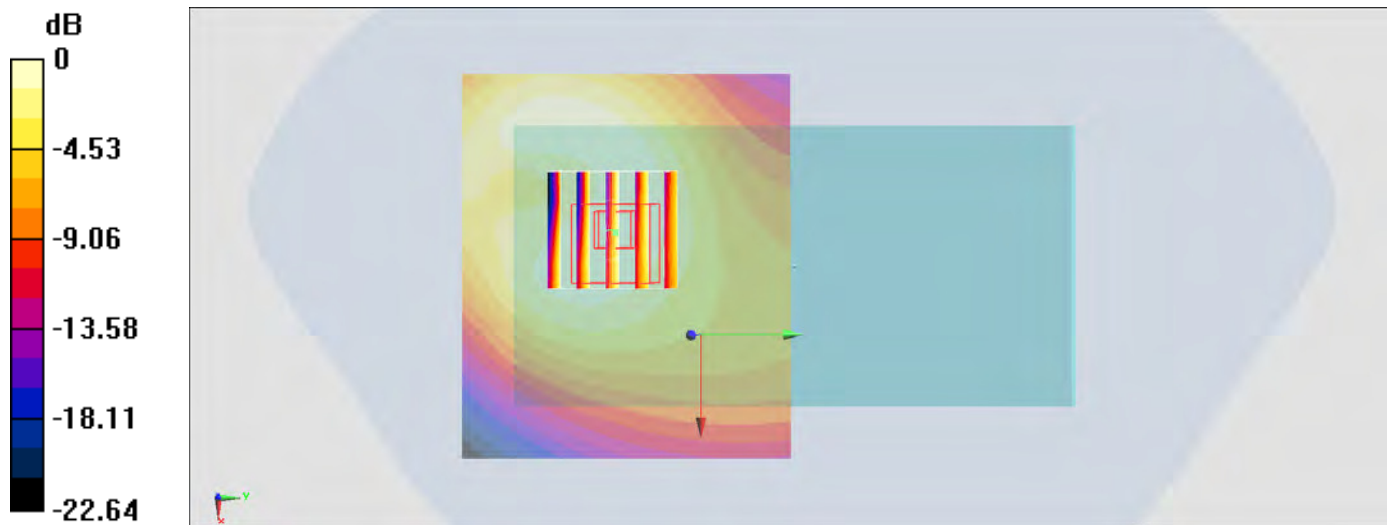
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.08 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.570 W/kg

SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.257 W/kg

Maximum value of SAR (measured) = 0.439 W/kg



0 dB = 0.430 W/kg = -3.67 dBW/kg

#21_CDMA BC0_RTAP 153.6Kbps_Back_10mm_Ch1013

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium: MSL_850_160725 Medium parameters used: $f = 825$ MHz; $\sigma = 0.948$ S/m; $\epsilon_r = 56.589$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °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 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.496 W/kg

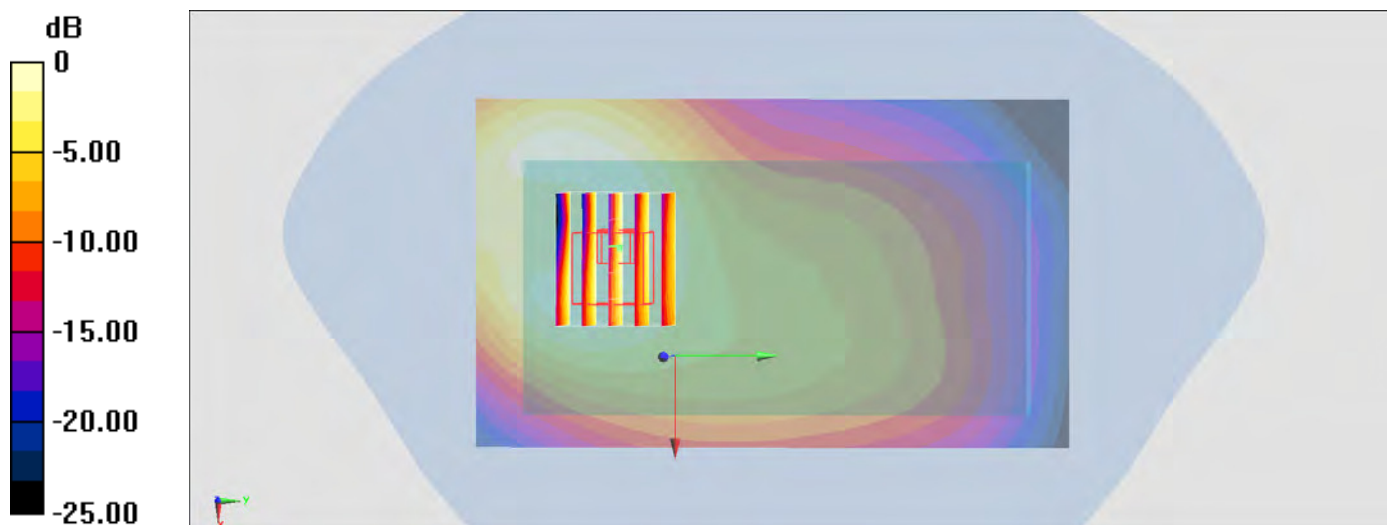
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.88 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.642 W/kg

SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.299 W/kg

Maximum value of SAR (measured) = 0.502 W/kg



0 dB = 0.496 W/kg = -3.05 dBW/kg

#22_CDMA BC1_RTAP 153.6Kbps_Back_10mm_Ch600

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

Medium: MSL_1900_160726 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 54.628$; $\rho = 1000$ kg/m³

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

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

Maximum value of SAR (interpolated) = 0.436 W/kg

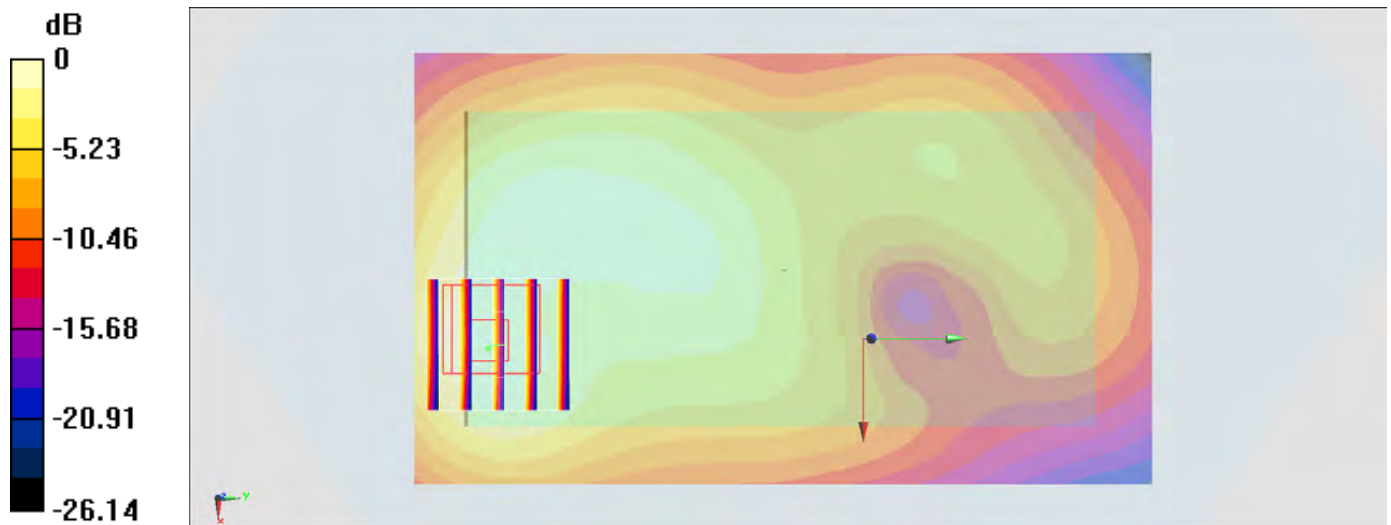
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.16 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.418 W/kg



0 dB = 0.436 W/kg = -3.61 dBW/kg

#23_LTE Band 2_20M_QPSK_1_49_Back_10mm_Ch18900

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

Medium: MSL_1900_160726 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 54.628$; $\rho = 1000$ kg/m³

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

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

Maximum value of SAR (interpolated) = 0.475 W/kg

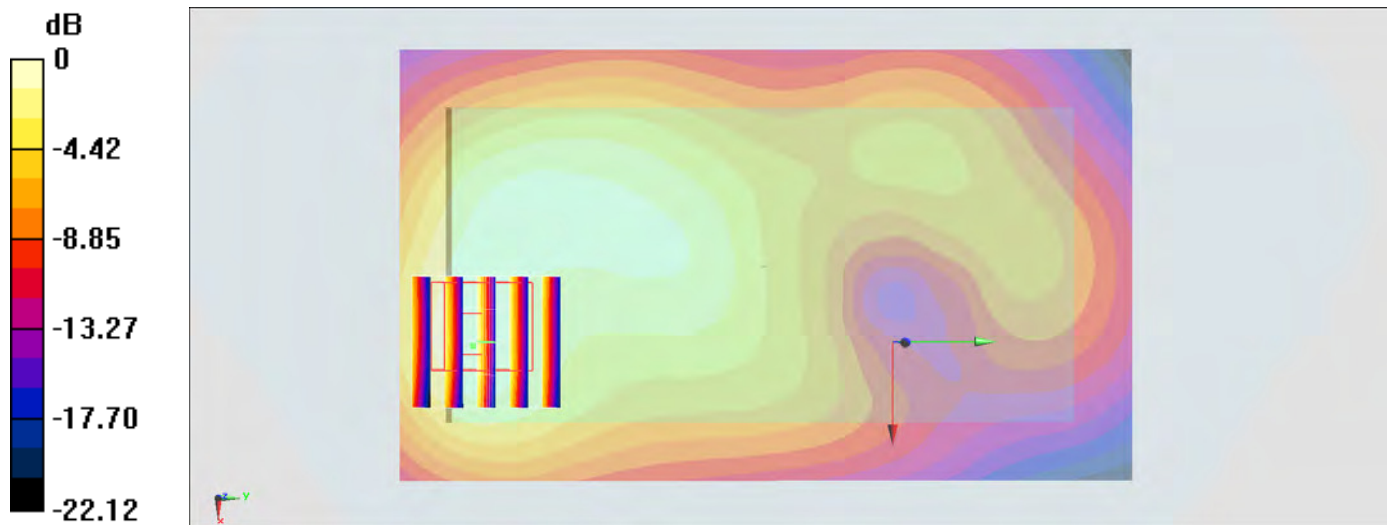
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.91 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.610 W/kg

SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.245 W/kg

Maximum value of SAR (measured) = 0.470 W/kg



0 dB = 0.475 W/kg = -3.23 dBW/kg

#24_LTE Band 4_20M_QPSK_1_49_Bottom Side_10mm_Ch20175

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

Medium: MSL_1750_160726 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.475$ S/m; $\epsilon_r =$

54.951 ; $\rho = 1000$ kg/m³

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

Area Scan (51x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

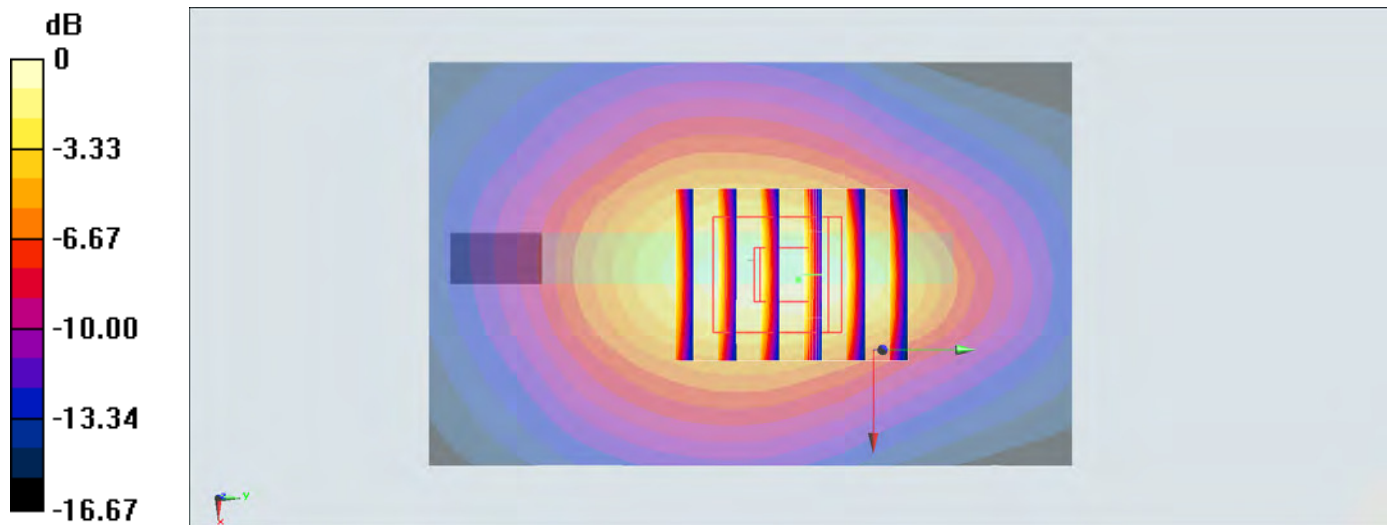
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.23 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.930 W/kg; SAR(10 g) = 0.557 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

#25_LTE Band 5_10M_QPSK_50_0_Back_10mm_Ch20525

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

Medium: MSL_850_160725 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.958$ S/m; $\epsilon_r = 56.488$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °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 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.401 W/kg

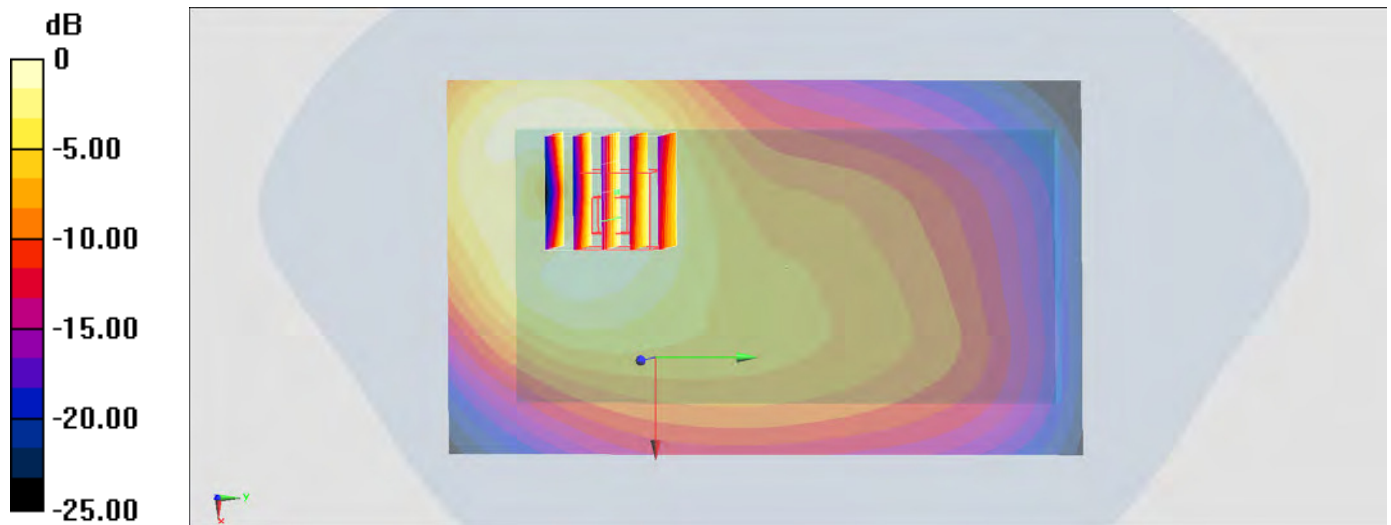
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.48 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.505 W/kg

SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.222 W/kg

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



0 dB = 0.401 W/kg = -3.97 dBW/kg

#26_LTE Band 7_20M_QPSK_1_49_Bottom Side_10mm_Ch21350

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

Medium: MSL_2600_160726 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.098$ S/m; $\epsilon_r = 51.455$; $\rho = 1000$ kg/m³

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

Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

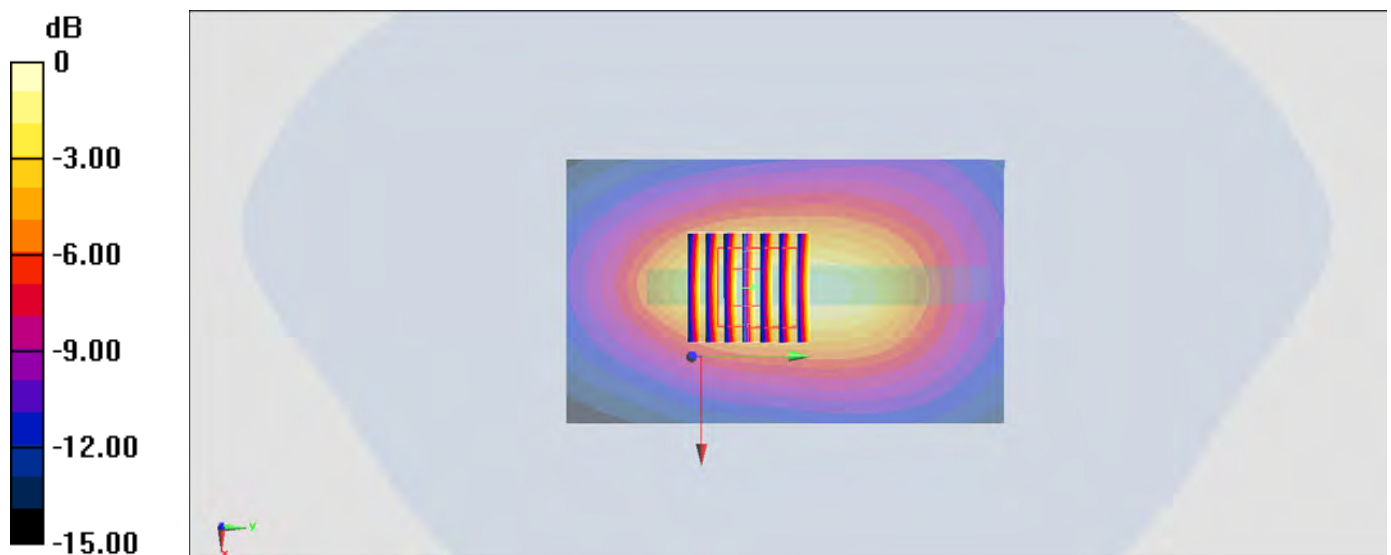
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.07 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.445 W/kg

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



0 dB = 1.17 W/kg = 0.68 dBW/kg

#27_LTE Band 13_10M_QPSK_25_0_Back_10mm_Ch23230

Communication System: LTE ; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_160725 Medium parameters used: $f = 782$ MHz; $\sigma = 0.991$ S/m; $\epsilon_r = 54.424$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.509 W/kg

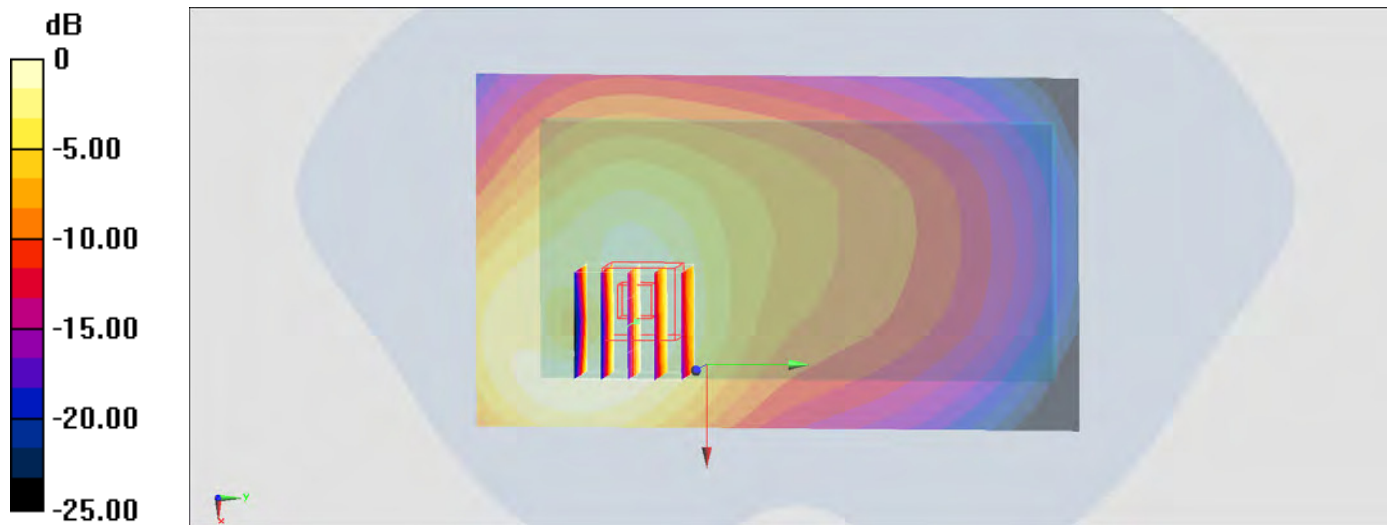
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.86 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.654 W/kg

SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.509 W/kg = -2.93 dBW/kg

#28_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.024

Medium: MSL_2450_160726 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 51.809$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.37, 4.37, 4.37); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (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)

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

Maximum value of SAR (interpolated) = 0.350 W/kg

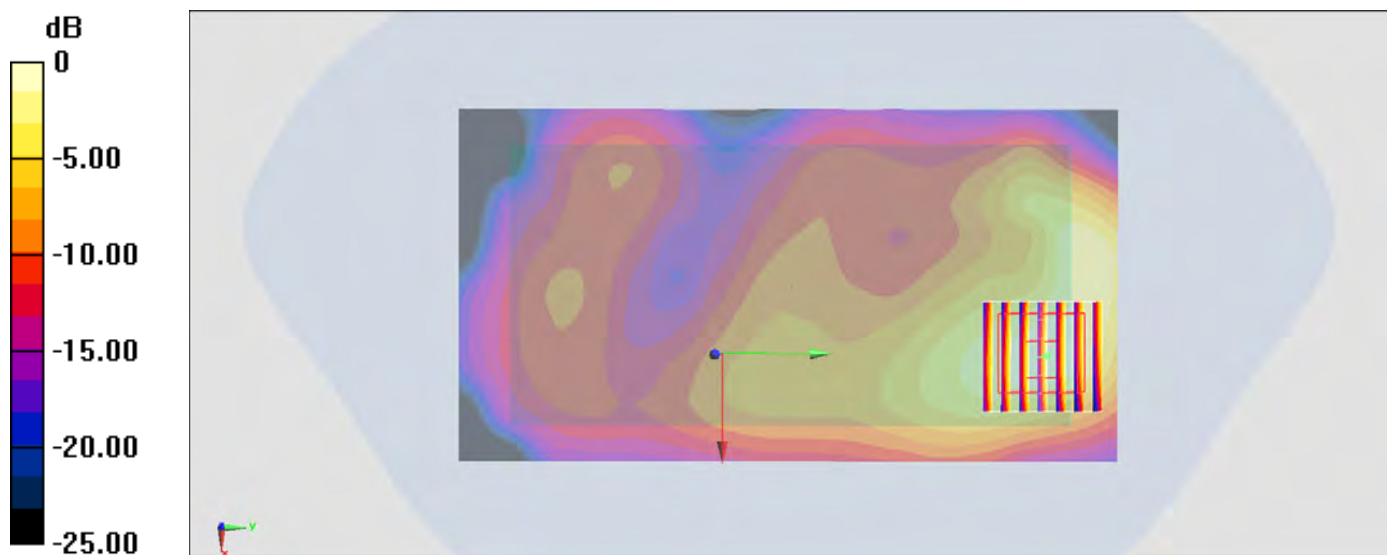
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.21 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.481 W/kg

SAR(1 g) = **0.197 W/kg**; SAR(10 g) = **0.138 W/kg**

Maximum value of SAR (measured) = 0.318 W/kg



0 dB = 0.350 W/kg = -4.56 dBW/kg

#29_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch36

Communication System: 802.11a ; Frequency: 5180 MHz;Duty Cycle: 1:1.15

Medium: MSL_5G_160727 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.183$ S/m; $\epsilon_r = 46.941$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); 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)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.504 W/kg

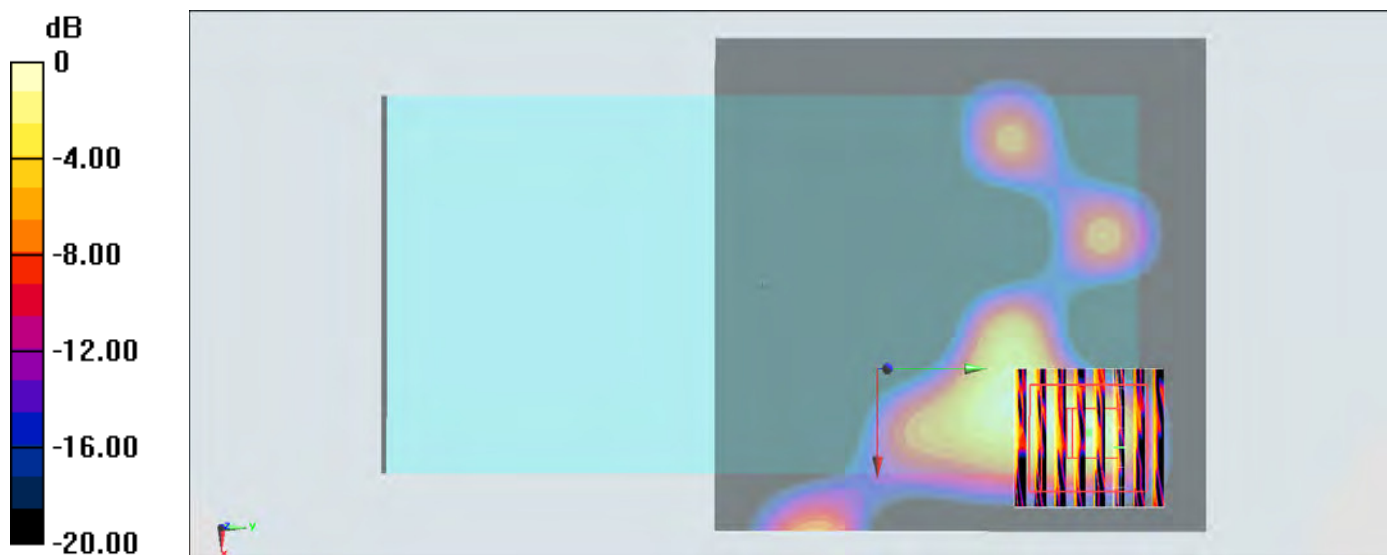
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.562 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.610 W/kg

SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.359 W/kg



0 dB = 0.504 W/kg = -2.98 dBW/kg

#30_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch157

Communication System: 802.11a ; Frequency: 5785 MHz; Duty Cycle: 1:1.15

Medium: MSL_5G_160727 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.948$ S/m; $\epsilon_r = 46.018$; $\rho = 1000$ 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-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.465 W/kg

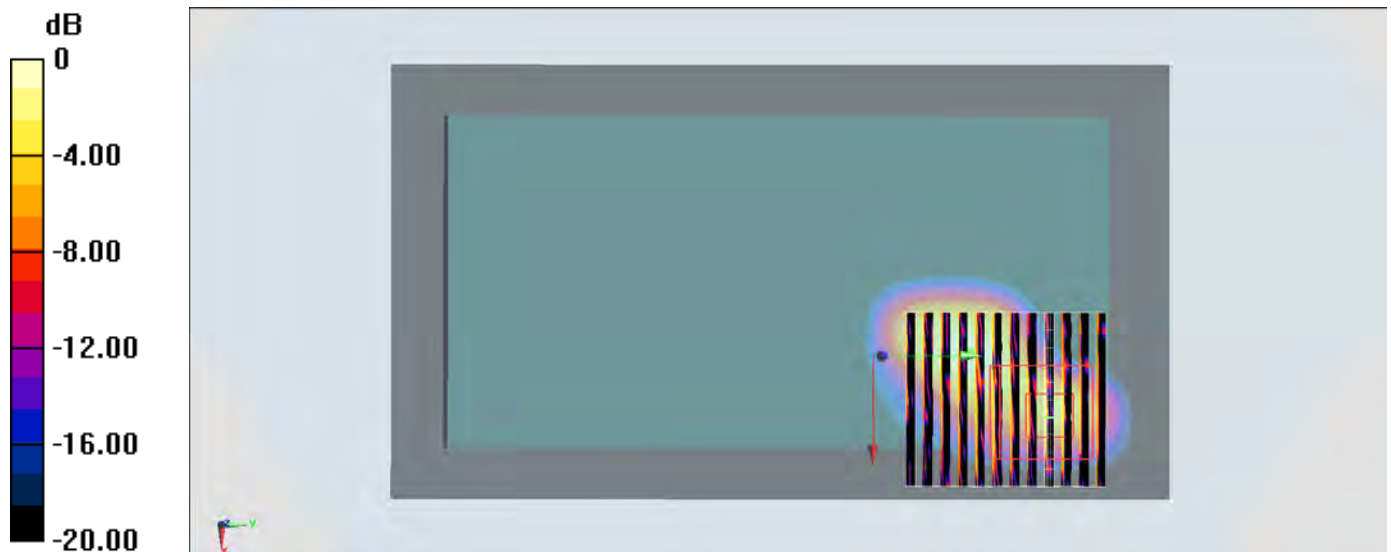
Zoom Scan (11x12x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.476 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.277 W/kg



0 dB = 0.465 W/kg = -3.33 dBW/kg

#31_CDMA BC1_RTAP 153.6Kbps_Bottom Side_0mm_Ch600

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

Medium: MSL_1900_160726 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 54.628$; $\rho = 1000$ kg/m³

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

Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.37 W/kg

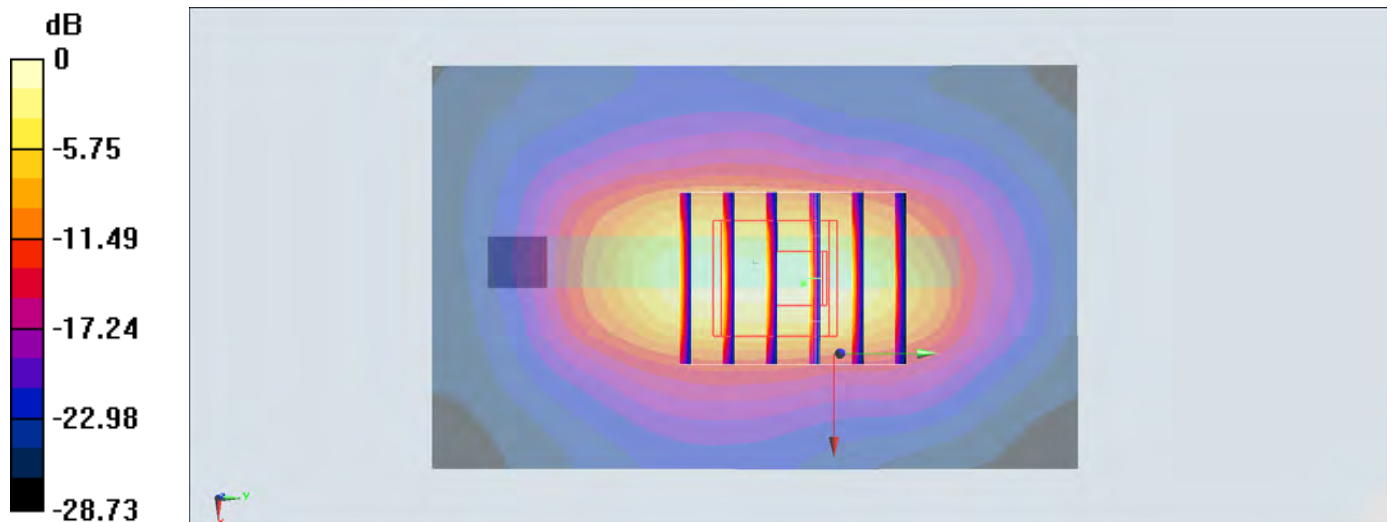
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.25 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 11.7 W/kg

SAR(1 g) = 5.17 W/kg; SAR(10 g) = 2.36 W/kg

Maximum value of SAR (measured) = 7.51 W/kg



0 dB = 7.37 W/kg = 8.67 dBW/kg

#32_WLAN5GHz_802.11a 6Mbps_Front_0mm_Ch60

Communication System: 802.11a ; Frequency: 5300 MHz; Duty Cycle: 1:1.15

Medium: MSL_5G_160727 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.331$ S/m; $\epsilon_r = 46.739$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); 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)

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

Maximum value of SAR (interpolated) = 8.32 W/kg

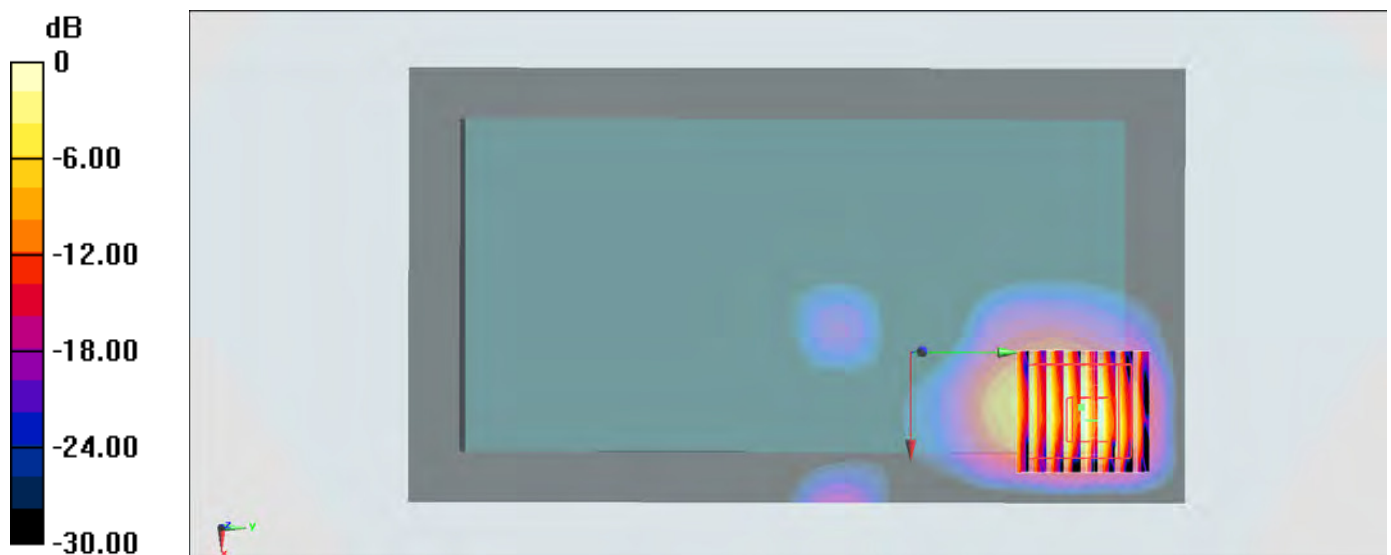
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 10.19 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 15.3 W/kg

SAR(1 g) = 2.7 W/kg; SAR(10 g) = 0.640 W/kg

Maximum value of SAR (measured) = 8.10 W/kg



0 dB = 8.32 W/kg = 9.20 dBW/kg

#33_WLAN5GHz_802.11a 6Mbps_Front_0mm_Ch100

Communication System: 802.11a ; Frequency: 5500 MHz; Duty Cycle: 1:1.15

Medium: MSL_5G_160727 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.575$ S/m; $\epsilon_r = 46.431$; $\rho = 1000$ 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-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 3.78 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.670 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 2.94 W/kg; SAR(10 g) = 0.729 W/kg

Maximum value of SAR (measured) = 8.45 W/kg



0 dB = 3.78 W/kg = 5.77 dBW/kg

#34_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch189

Communication System: GSM850 ; Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: MSL_850_160725 Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.958$ S/m;

$\epsilon_r = 56.488$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °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 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

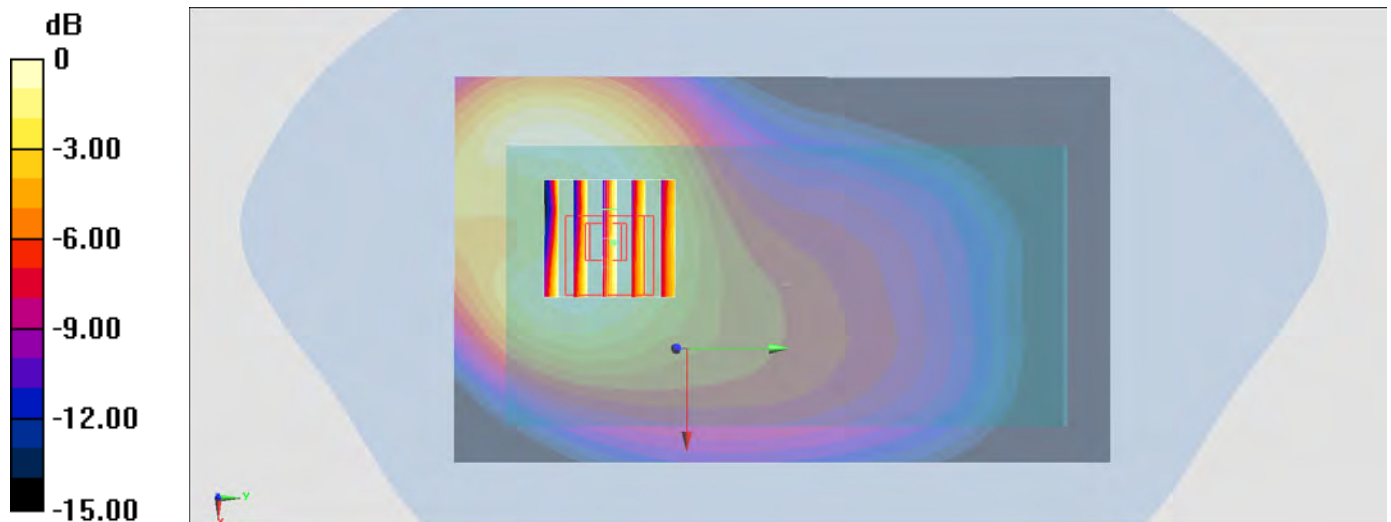
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.97 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 0.381 W/kg



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

#35_GSM1900_GPRS (4 Tx slots)_Back_10mm_Ch810

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

Medium: MSL_1900_160726 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.544$ S/m; $\epsilon_r = 54.514$; $\rho = 1000$ kg/m³

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

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

Maximum value of SAR (interpolated) = 0.301 W/kg

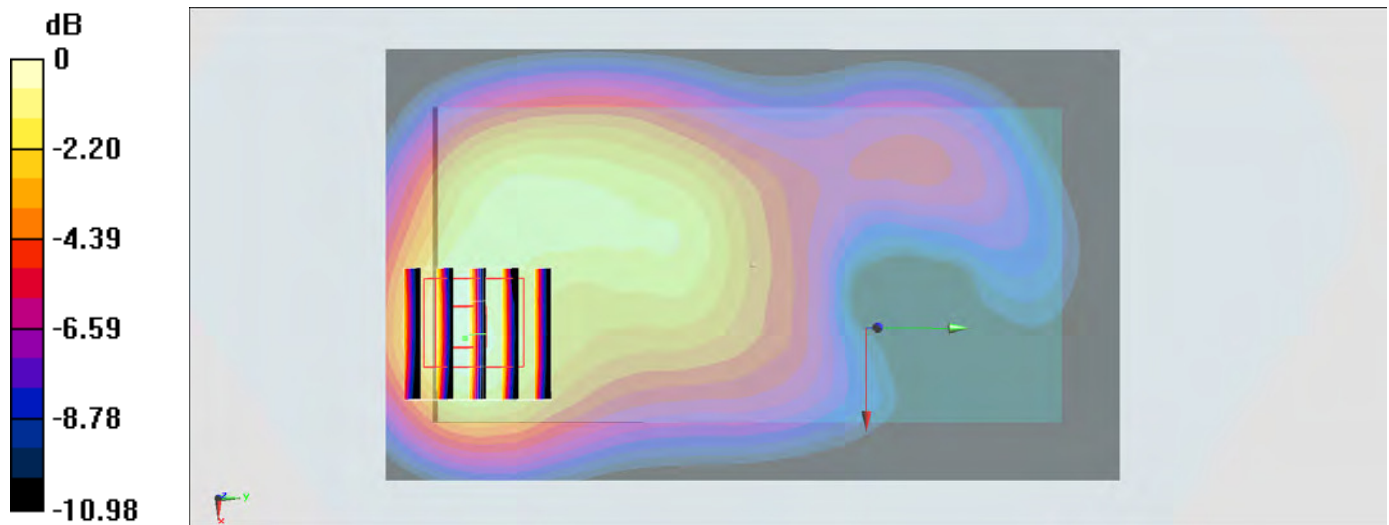
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.83 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.369 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.151 W/kg

Maximum value of SAR (measured) = 0.285 W/kg



0 dB = 0.301 W/kg = -5.21 dBW/kg

#36_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9538

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

Medium: MSL_1900_160726 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.542$ S/m; $\epsilon_r = 54.523$; $\rho = 1000$ kg/m³

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

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

Maximum value of SAR (interpolated) = 0.500 W/kg

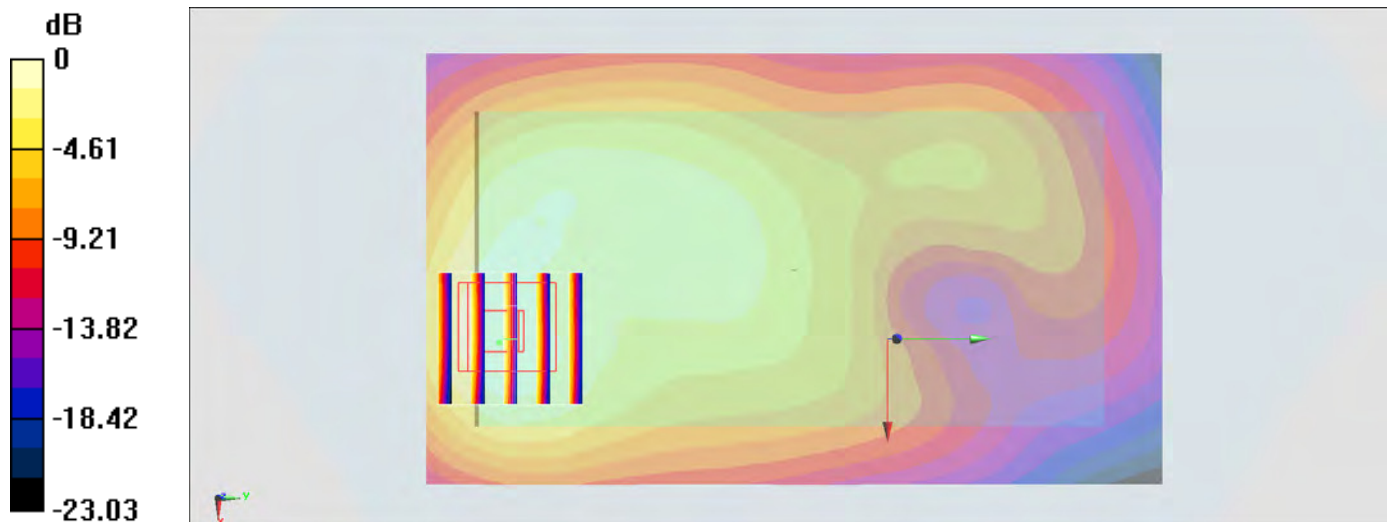
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.00 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.628 W/kg

SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.248 W/kg

Maximum value of SAR (measured) = 0.480 W/kg



0 dB = 0.500 W/kg = -3.01 dBW/kg

#37_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4233

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

Medium: MSL_850_160725 Medium parameters used: $f = 847$ MHz; $\sigma = 0.968$ S/m; $\epsilon_r = 56.393$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °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 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.430 W/kg

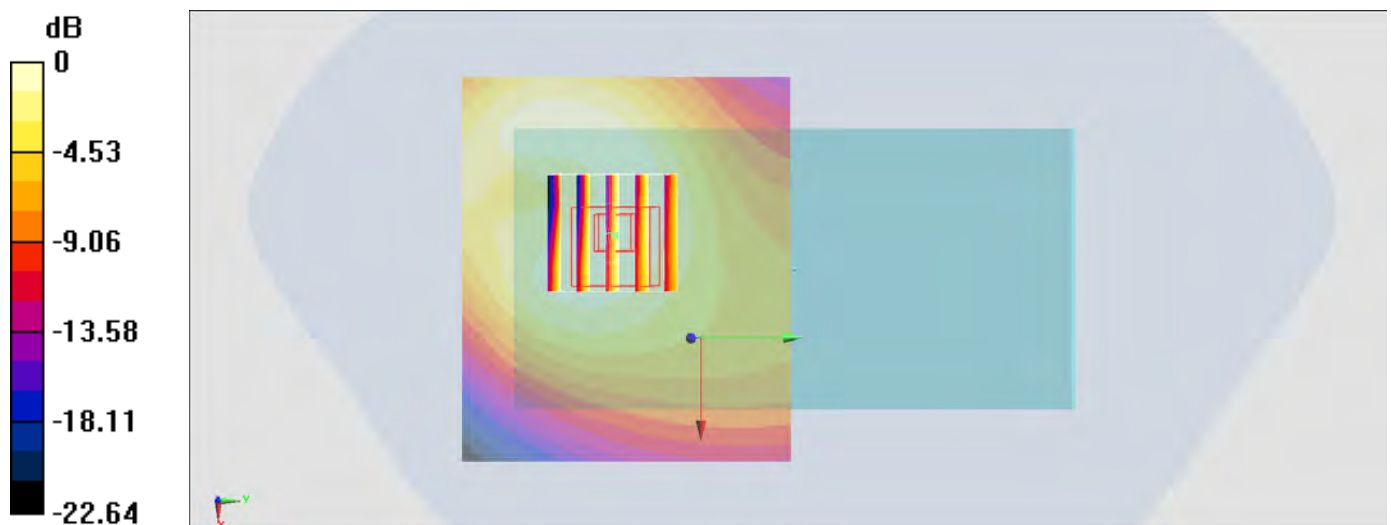
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.08 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.570 W/kg

SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.257 W/kg

Maximum value of SAR (measured) = 0.439 W/kg



0 dB = 0.430 W/kg = -3.67 dBW/kg

#38_CDMA BC0_1xRTT RC3 SO32_Front_10mm_Ch777

Communication System: CDMA ; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL_850_160725 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.969$ S/m; $\epsilon_r = 56.384$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °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 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 1.09 W/kg

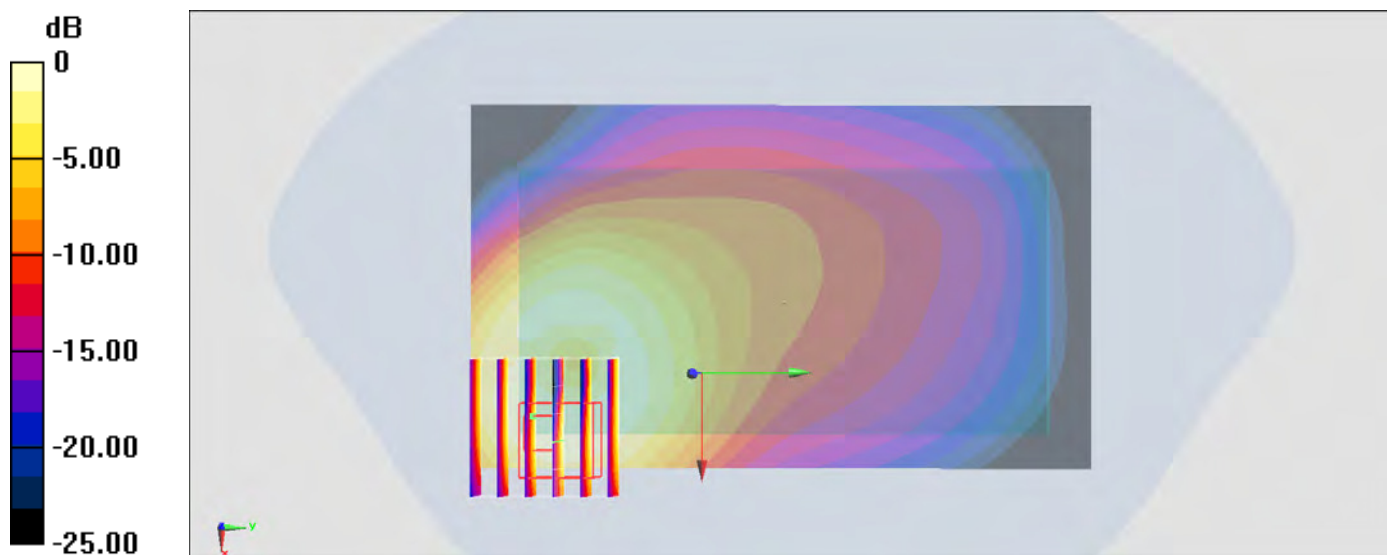
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.50 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.876 W/kg; SAR(10 g) = 0.498 W/kg

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



0 dB = 1.09 W/kg = 0.37 dBW/kg

#39_CDMA BC1_1xRTT RC3 SO32_Back_10mm_Ch1175

Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_160726 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 54.519$; $\rho = 1000$ kg/m³

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

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

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

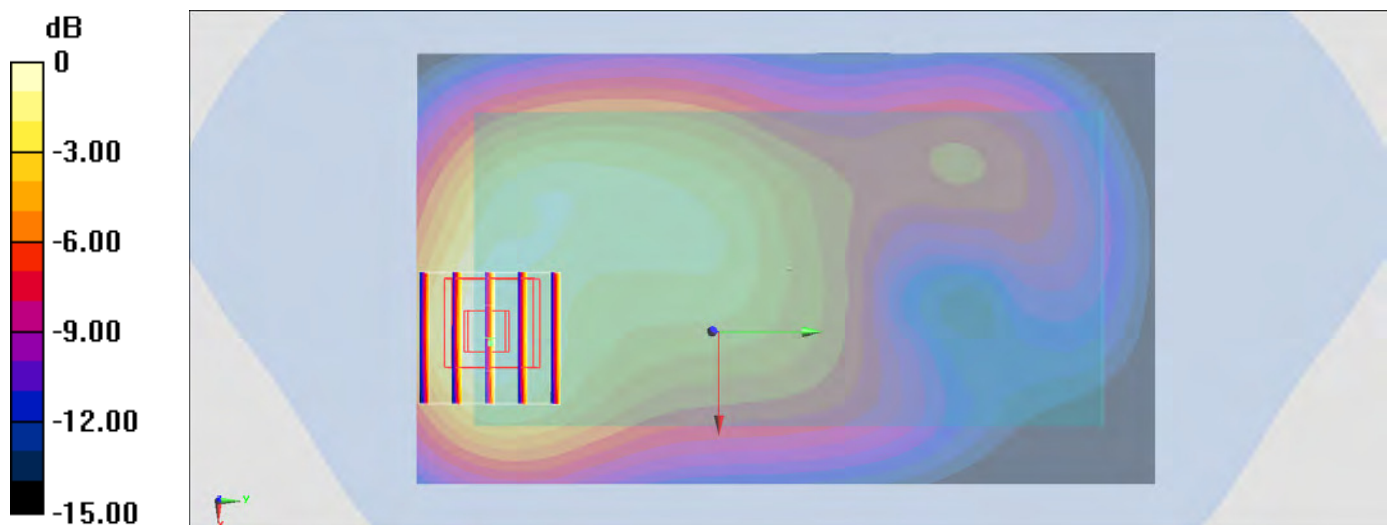
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.69 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.655 W/kg

SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 0.503 W/kg



0 dB = 0.531 W/kg = -2.75 dBW/kg

#40_LTE Band 2_20M_QPSK_1_49_Back_10mm_Ch18900

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

Medium: MSL_1900_160726 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 54.628$; $\rho = 1000$ kg/m³

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

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

Maximum value of SAR (interpolated) = 0.475 W/kg

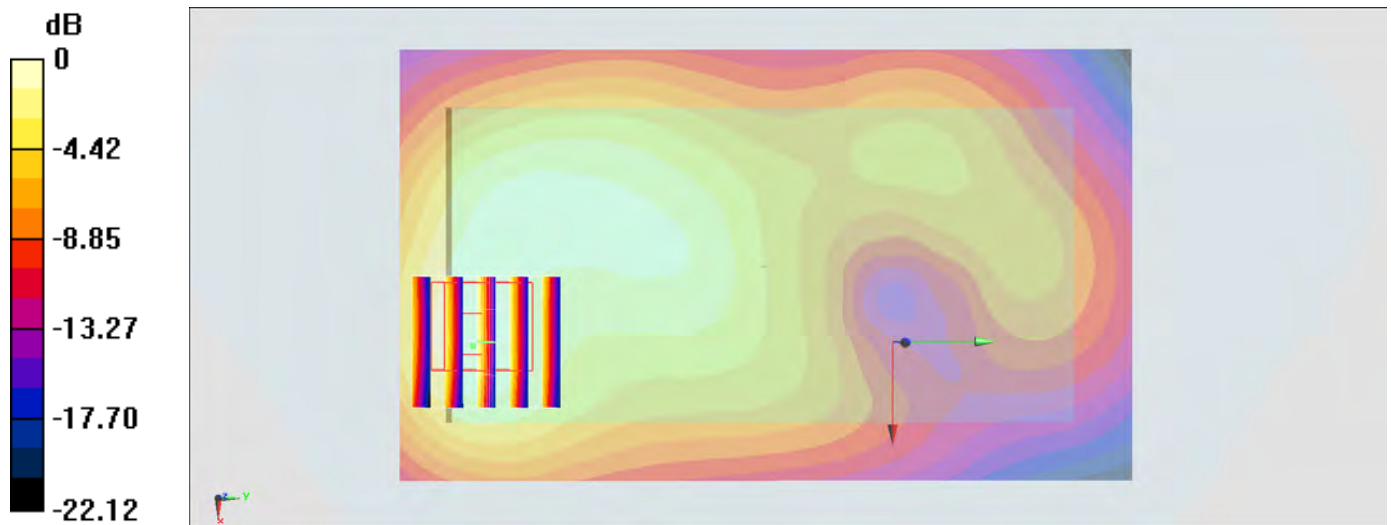
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.91 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.610 W/kg

SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.245 W/kg

Maximum value of SAR (measured) = 0.470 W/kg



0 dB = 0.475 W/kg = -3.23 dBW/kg

#41_LTE Band 4_20M_QPSK_1_49_Back_10mm_Ch20175

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

Medium: MSL_1750_160726 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.475$ S/m; $\epsilon_r =$

54.951 ; $\rho = 1000$ kg/m³

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

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

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

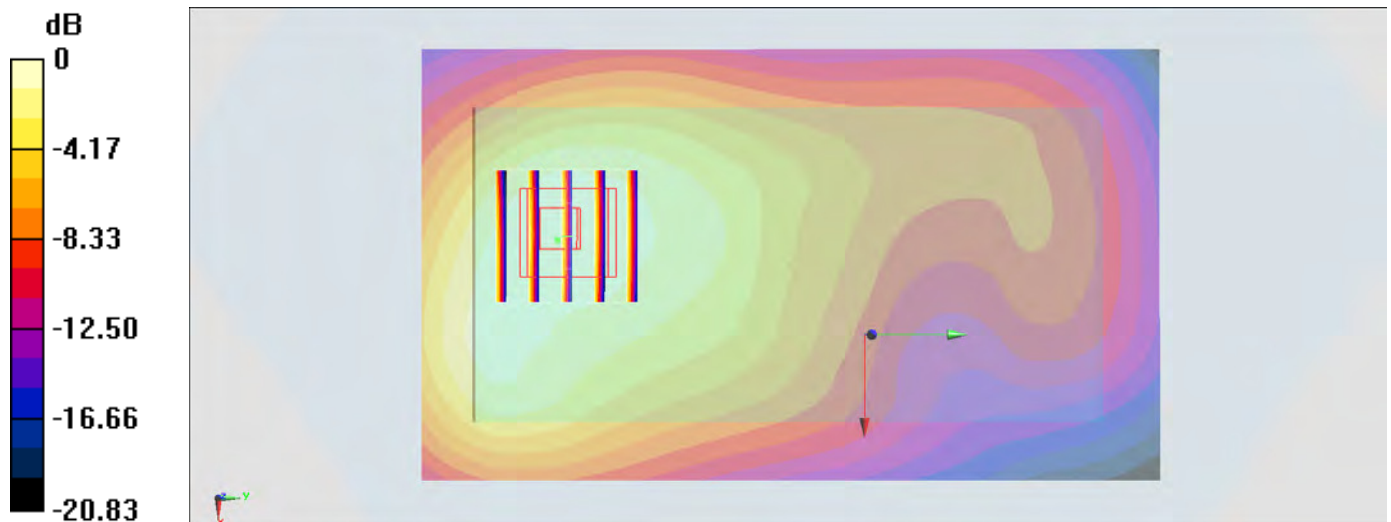
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.04 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.601 W/kg

SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.279 W/kg

Maximum value of SAR (measured) = 0.474 W/kg



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

#42_LTE Band 5_10M_QPSK_50_0_Back_10mm_Ch20525

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

Medium: MSL_850_160725 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.958$ S/m; $\epsilon_r = 56.488$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °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 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.401 W/kg

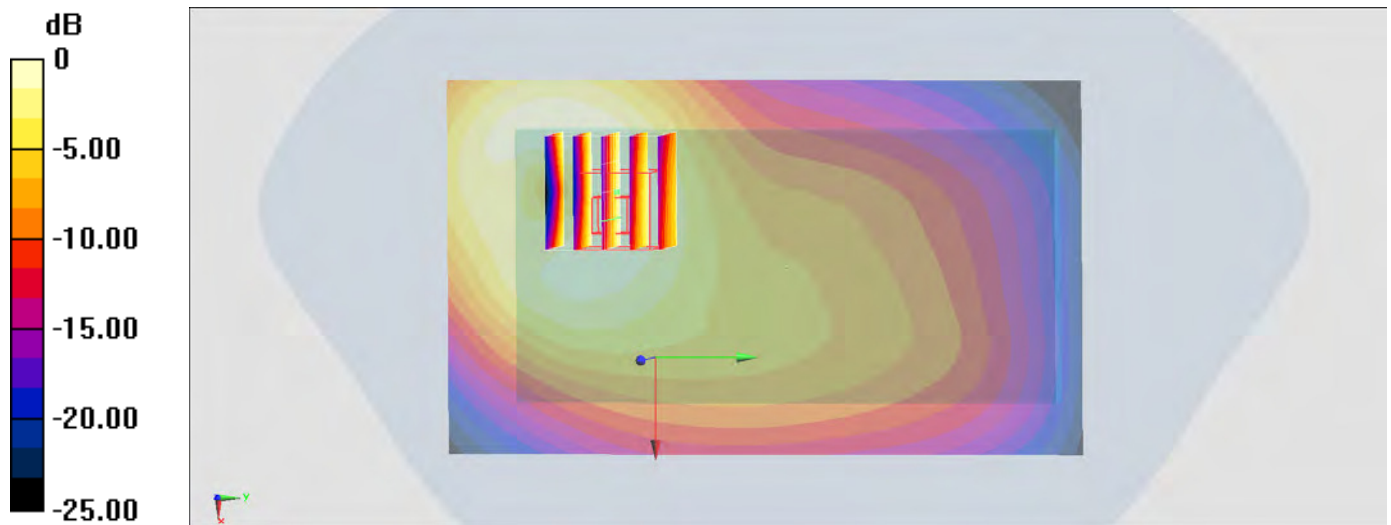
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.48 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.505 W/kg

SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.222 W/kg

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



0 dB = 0.401 W/kg = -3.97 dBW/kg

#43_LTE Band 7_20M_QPSK_1_49_Front_10mm_Ch21350

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

Medium: MSL_2600_160726 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.098$ S/m; $\epsilon_r = 51.455$; $\rho = 1000$ kg/m³

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

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

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

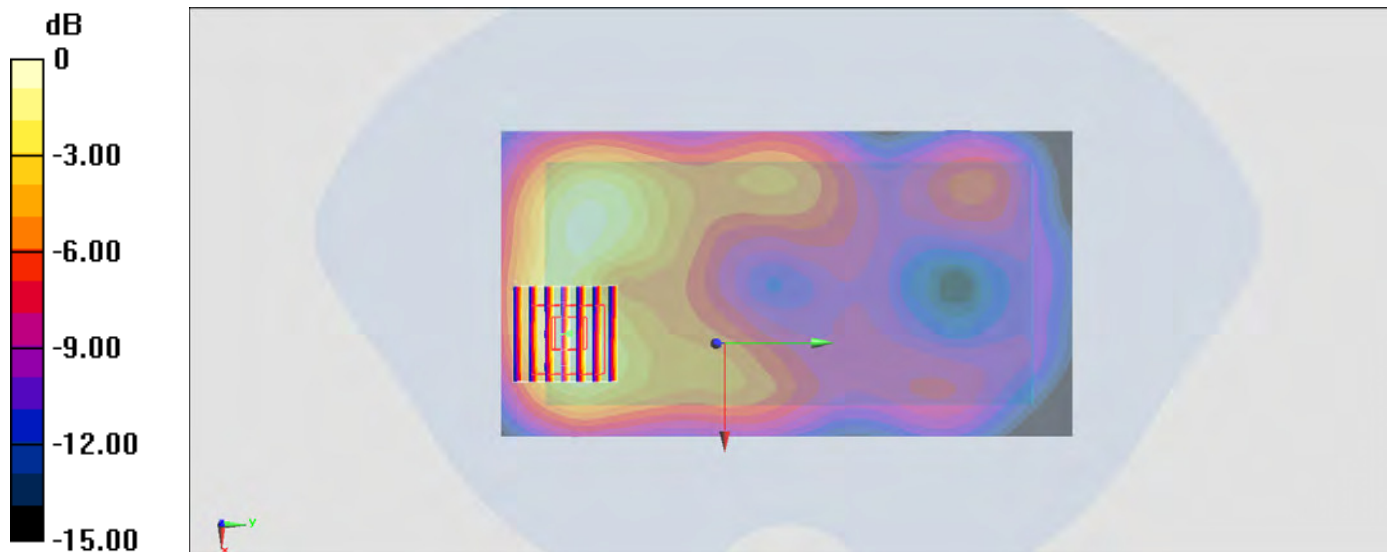
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.48 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.398 W/kg

Maximum value of SAR (measured) = 0.998 W/kg



0 dB = 0.958 W/kg = -0.19 dBW/kg

#44_LTE Band 13_10M_QPSK_25_0_Back_10mm_Ch23230

Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1

Medium: MSL_750_160725 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.991 \text{ S/m}$; $\epsilon_r = 54.424$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5°C ; Liquid Temperature : 22.5°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 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.509 W/kg

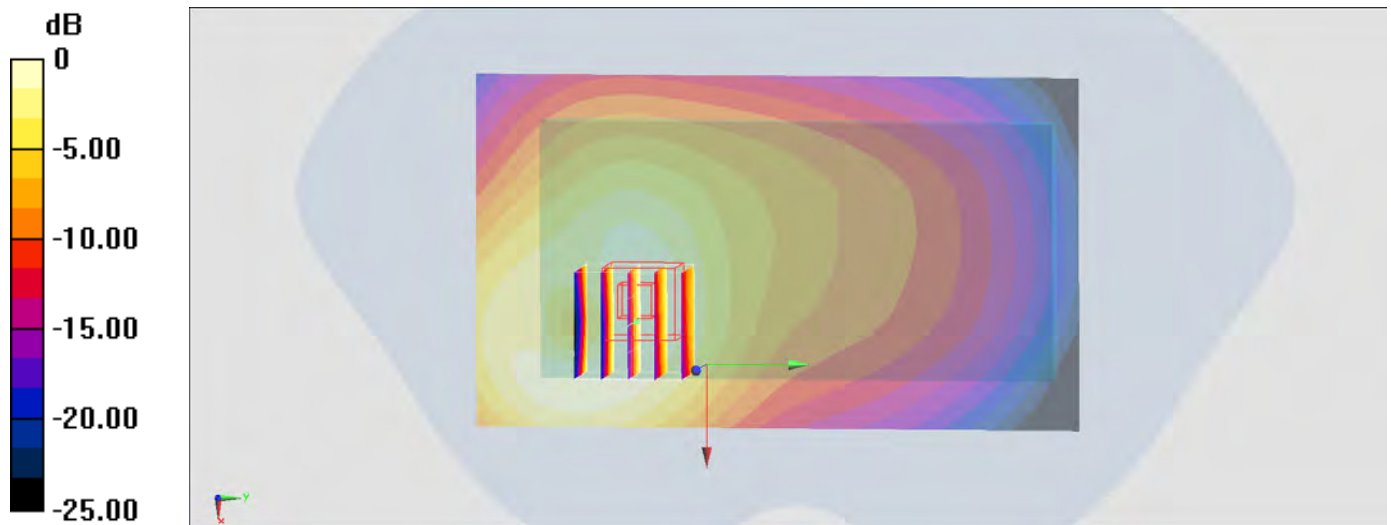
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.86 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.654 W/kg

SAR(1 g) = 0.445 W/kg ; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.509 W/kg = -2.93 dBW/kg

#45_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.024

Medium: MSL_2450_160726 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 51.809$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.37, 4.37, 4.37); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (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)

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

Maximum value of SAR (interpolated) = 0.350 W/kg

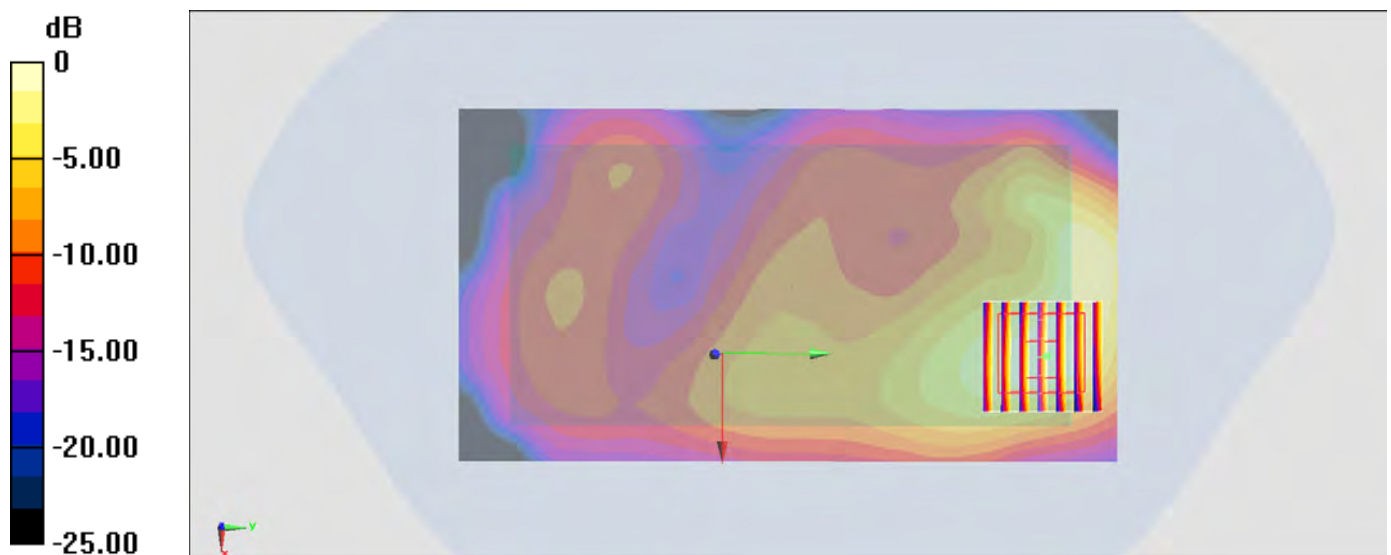
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.21 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.481 W/kg

SAR(1 g) = **0.197 W/kg**; SAR(10 g) = **0.138 W/kg**

Maximum value of SAR (measured) = 0.318 W/kg



0 dB = 0.350 W/kg = -4.56 dBW/kg

#46_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch60

Communication System: 802.11a ; Frequency: 5300 MHz; Duty Cycle: 1:1.15

Medium: MSL_5G_160727 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.331$ S/m; $\epsilon_r = 46.739$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); 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)

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

Maximum value of SAR (interpolated) = 0.623 W/kg

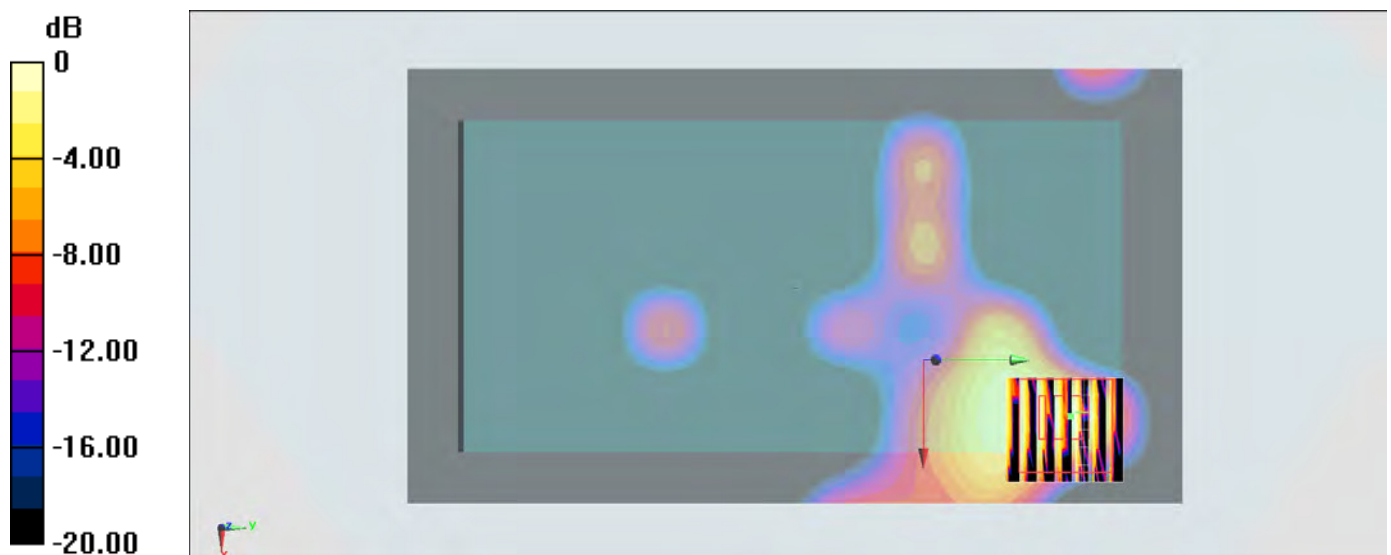
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.708 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.451 W/kg



0 dB = 0.623 W/kg = -2.06 dBW/kg

#47_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch100

Communication System: 802.11a ; Frequency: 5500 MHz; Duty Cycle: 1:1.15

Medium: MSL_5G_160727 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.575$ S/m; $\epsilon_r = 46.431$; $\rho = 1000$ 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-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

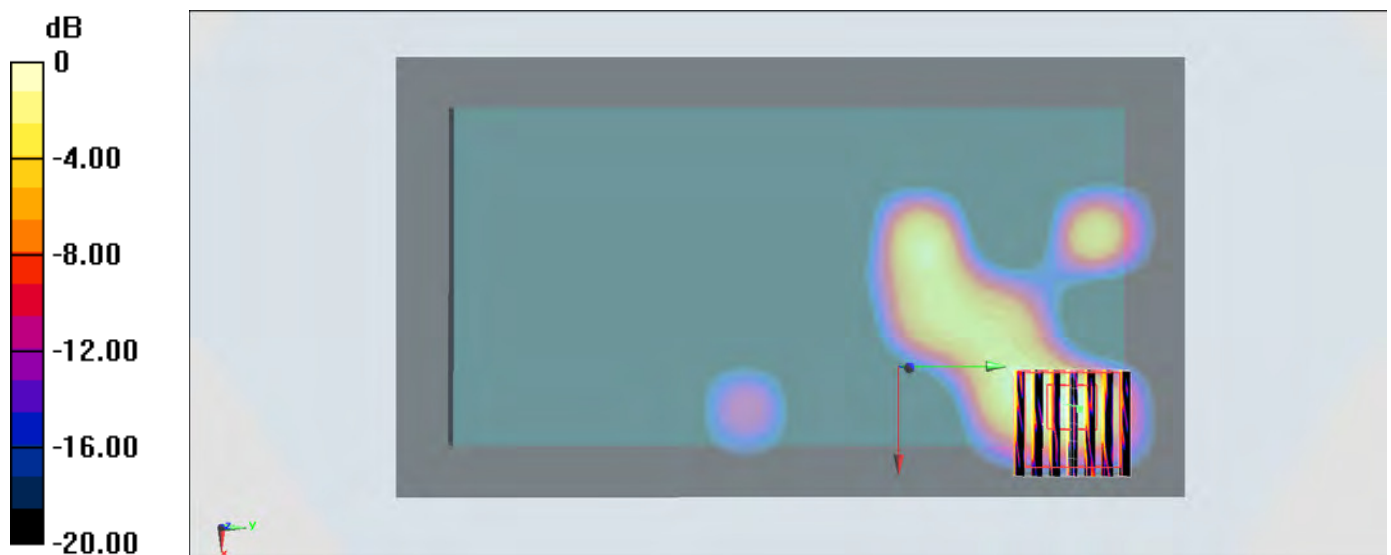
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 3.580 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.325 W/kg



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

#48_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch157

Communication System: 802.11a ; Frequency: 5785 MHz; Duty Cycle: 1:1.15

Medium: MSL_5G_160727 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.948$ S/m; $\epsilon_r = 46.018$; $\rho = 1000$ 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-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.465 W/kg

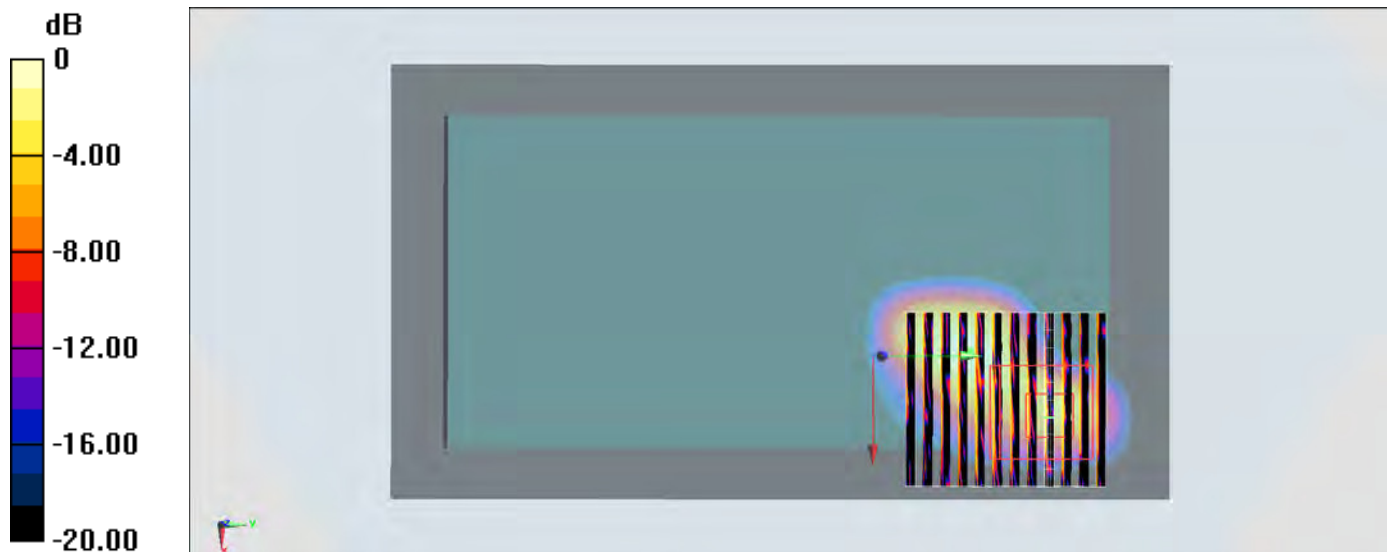
Zoom Scan (11x12x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.476 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.277 W/kg



0 dB = 0.465 W/kg = -3.33 dBW/kg

#49_Bluetooth_1Mbps_Front_10mm_Ch39

Communication System: Bluetooth ; Frequency: 2441 MHz; Duty Cycle: 1:1.2

Medium: MSL_2450_160726 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.943$ S/m; $\epsilon_r = 51.895$; $\rho = 1000$ 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)

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

Maximum value of SAR (interpolated) = 0.0302 W/kg

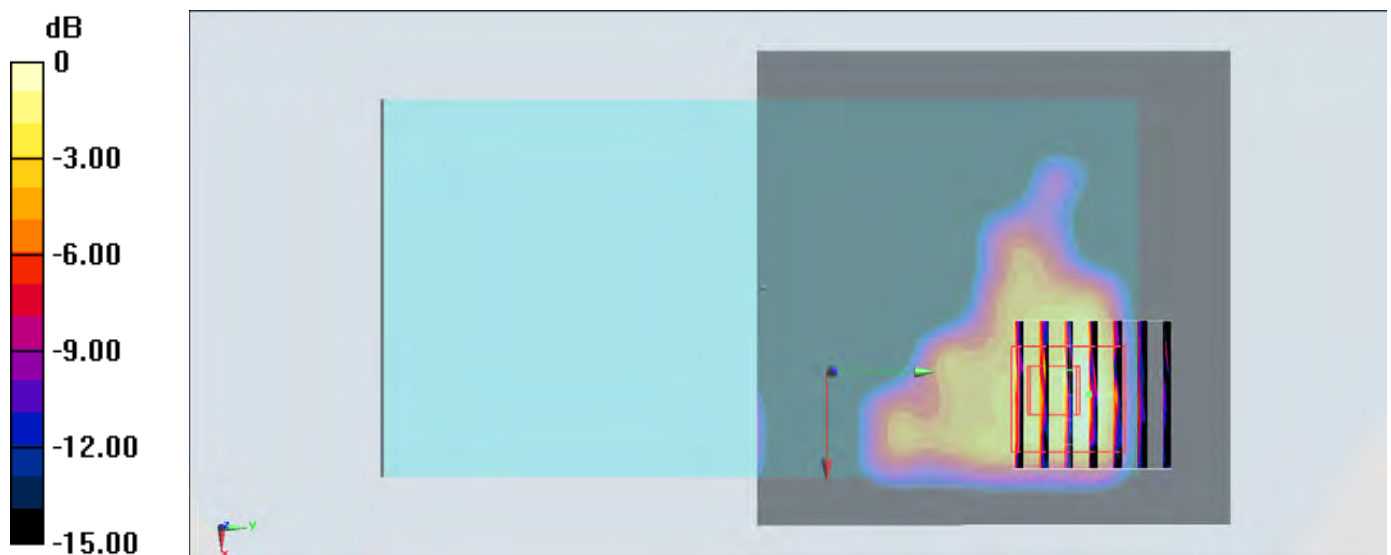
Zoom Scan (7x7x5)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.677 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0540 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00507 W/kg

Maximum value of SAR (measured) = 0.0412 W/kg



0 dB = 0.0302 W/kg = -15.20 dBW/kg