

#01_GSM850_GPRS (2 Tx slots)_Right Cheek_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: HSL_850_160531 Medium parameters used: $f = 849$ MHz; $\sigma = 0.913$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.359 mW/g

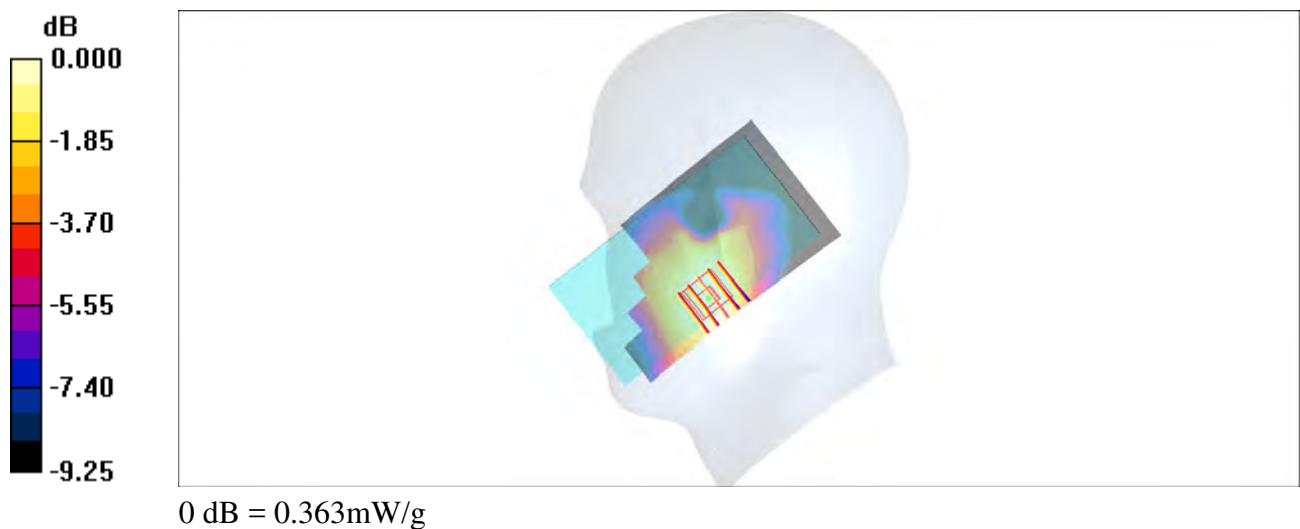
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.6 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.390 W/kg

SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.363 mW/g



#02_GSM1900_GPRS (2 Tx slots)_Left Cheek_Ch512

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: HSL_1900_160531 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 38.6$;

$\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.33, 8.33, 8.33); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Left; Type: QD 000 P40 C; Serial: TP-1150
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.296 mW/g

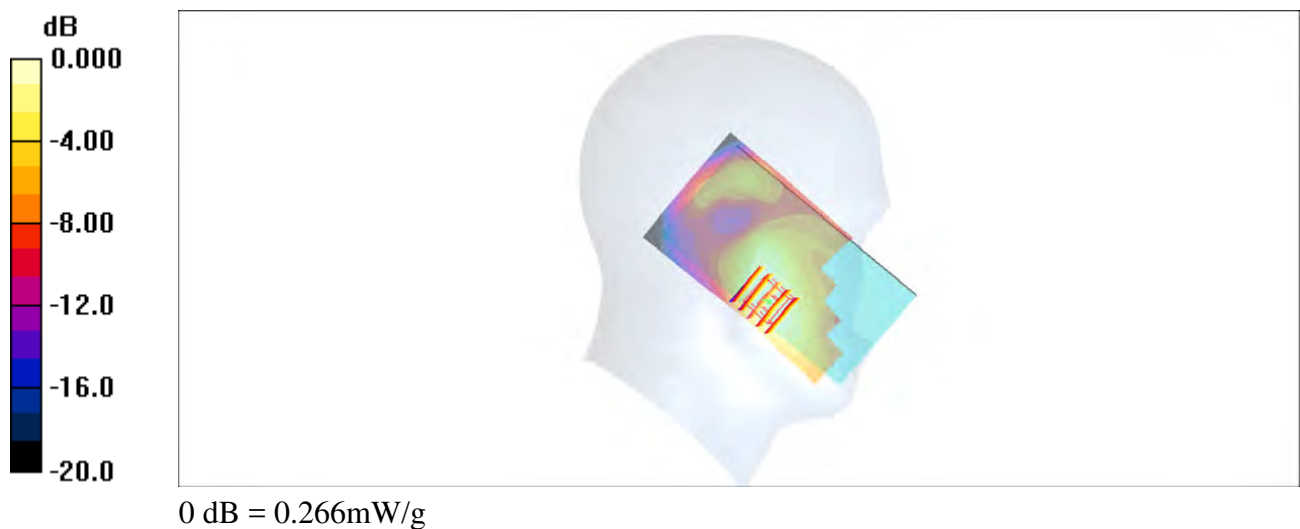
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.308 W/kg

SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.134 mW/g

Maximum value of SAR (measured) = 0.266 mW/g



#03_WCDMA II_RMC 12.2Kbps_Left Cheek_Ch9400

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

Medium: HSL_1900_160531 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.33, 8.33, 8.33); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Left; Type: QD 000 P40 C; Serial: TP-1150
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.275 mW/g

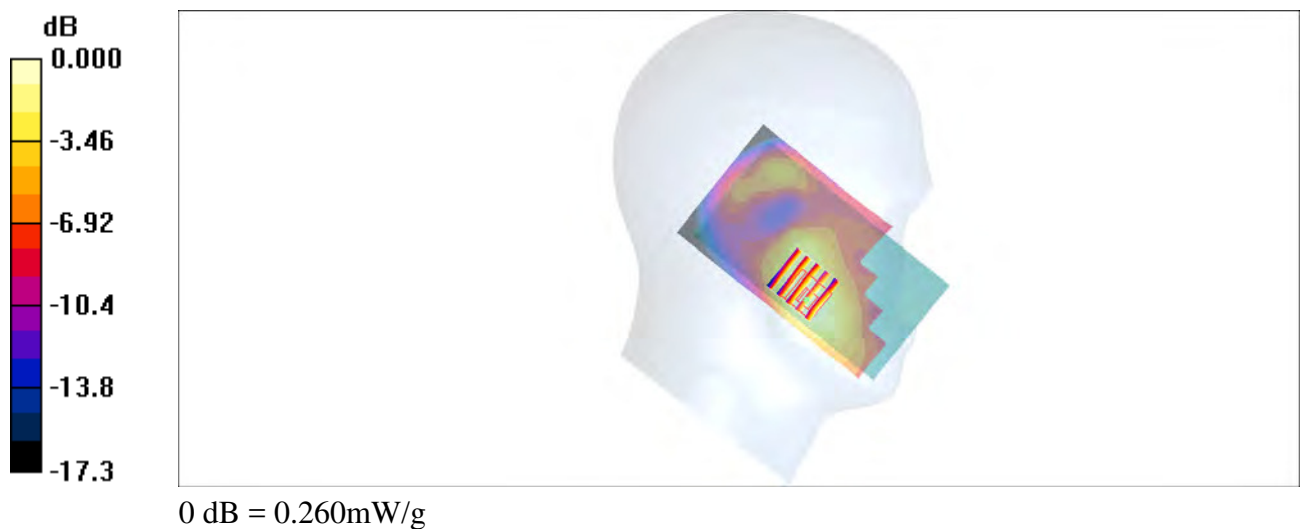
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = 0.050 dB

Peak SAR (extrapolated) = 0.295 W/kg

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.260 mW/g



#04_WCDMA IV_RMC 12.2Kbps_Left Cheek_Ch1413

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

Medium: HSL_1750_160531 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.6, 8.6, 8.6); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Left; Type: QD 000 P40 C; Serial: TP-1150
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.215 mW/g

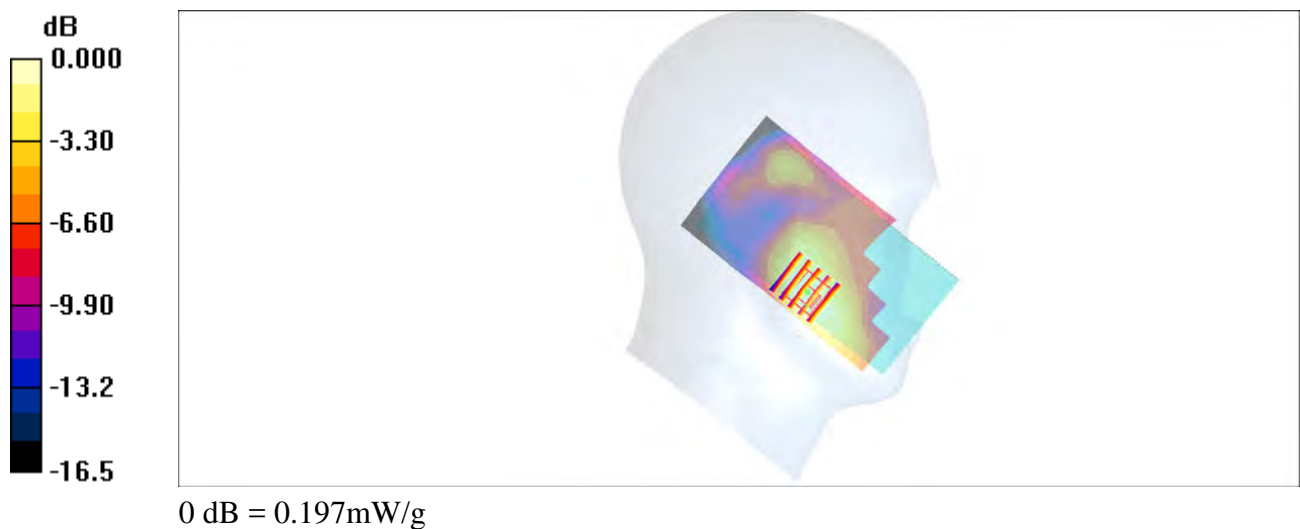
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.103 mW/g

Maximum value of SAR (measured) = 0.197 mW/g



#05_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_850_160531 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.140 mW/g

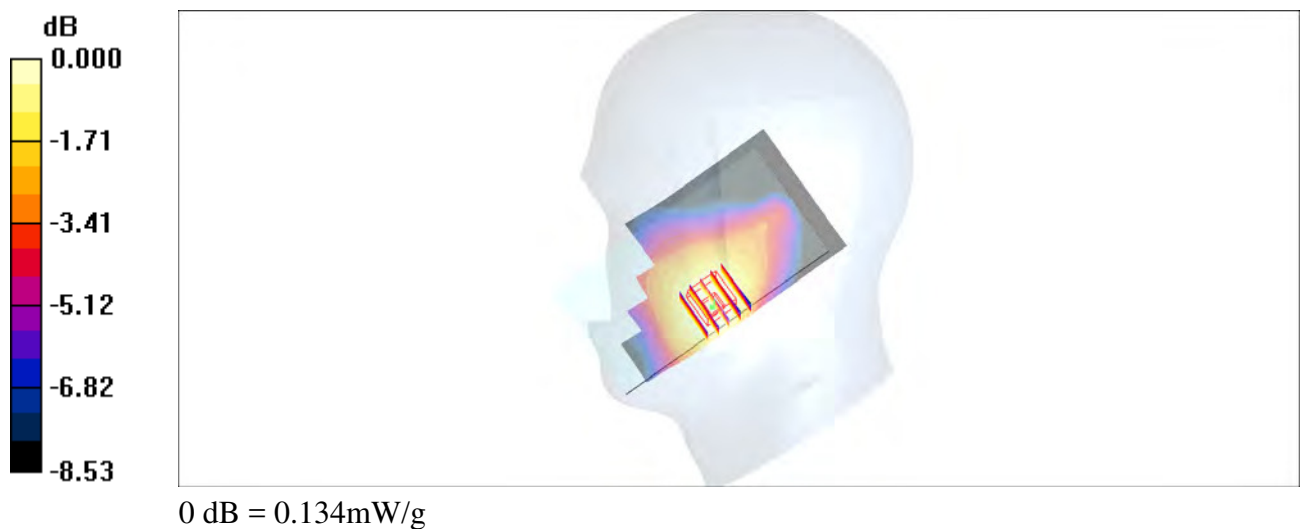
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.1 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.142 W/kg

SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.134 mW/g



#06_LTE Band 2_20M_QPSK_1_49_Left Cheek_Ch18900

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

Medium: HSL_1900_160531 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.33, 8.33, 8.33); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Left; Type: QD 000 P40 C; Serial: TP-1150
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.272 mW/g

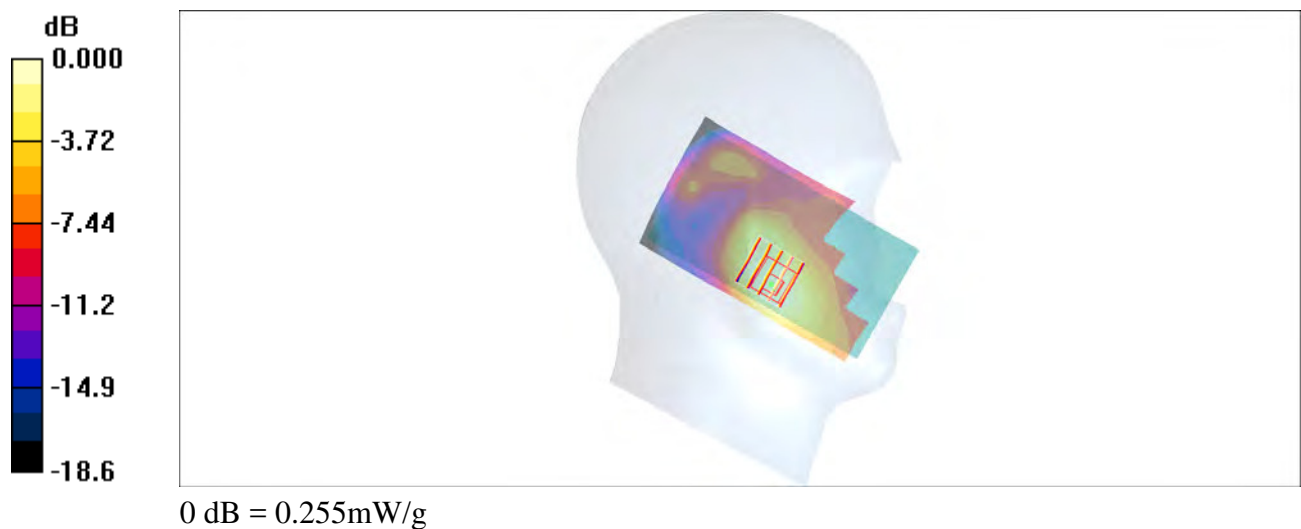
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 0.286 W/kg

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.255 mW/g



#07_LTE Band 4_20M_QPSK_1_49_Left Cheek_Ch20175

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

Medium: HSL_1750_160531 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 40.6$;

$\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.6, 8.6, 8.6); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Left; Type: QD 000 P40 C; Serial: TP-1150
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.181 mW/g

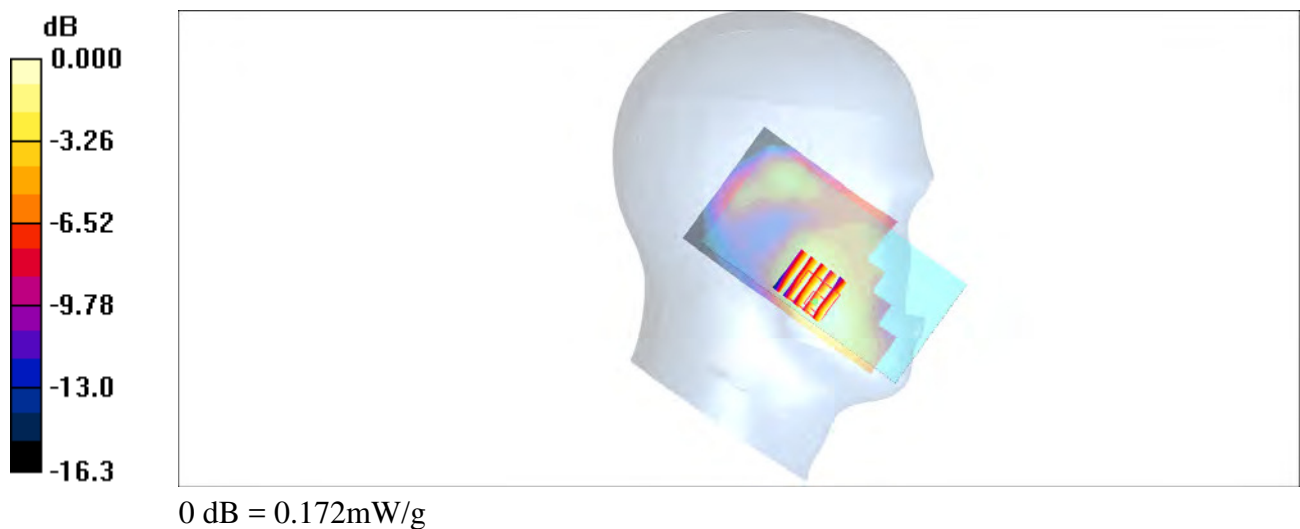
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.456 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.089 mW/g

Maximum value of SAR (measured) = 0.172 mW/g



#08_LTE Band 5_10M_QPSK_1_25_Right Cheek_Ch20525

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

Medium: HSL_850_160531 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.111 mW/g

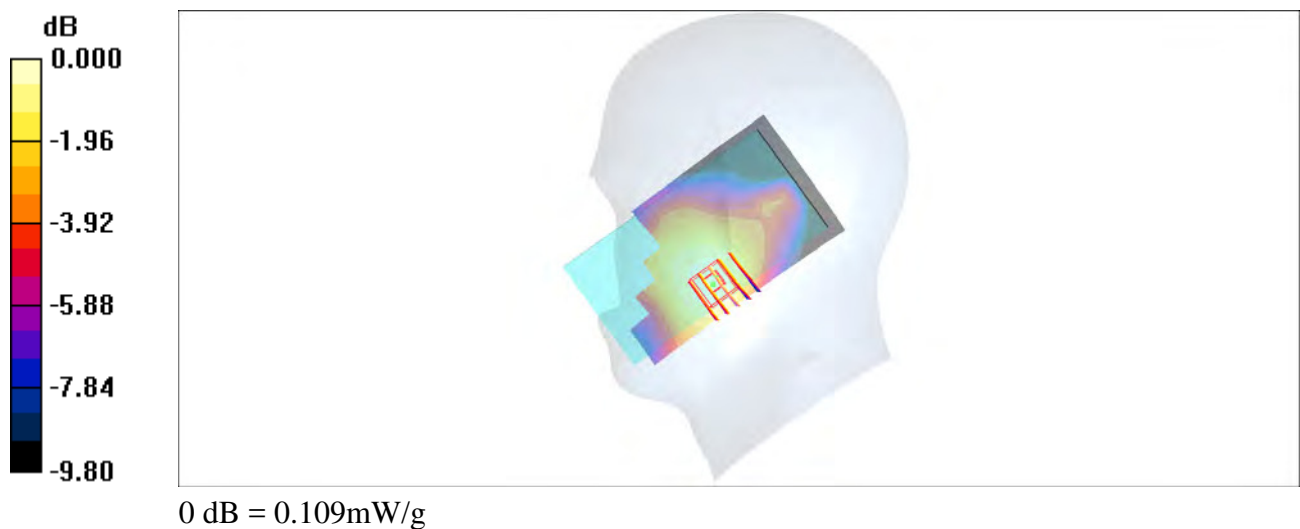
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.075 mW/g

Maximum value of SAR (measured) = 0.109 mW/g



#09_LTE Band 7_20M_QPSK_1_49_Right Cheek_Ch21350

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

Medium: HSL_2600_160601 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.15, 7.15, 7.15); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (91x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.288 mW/g

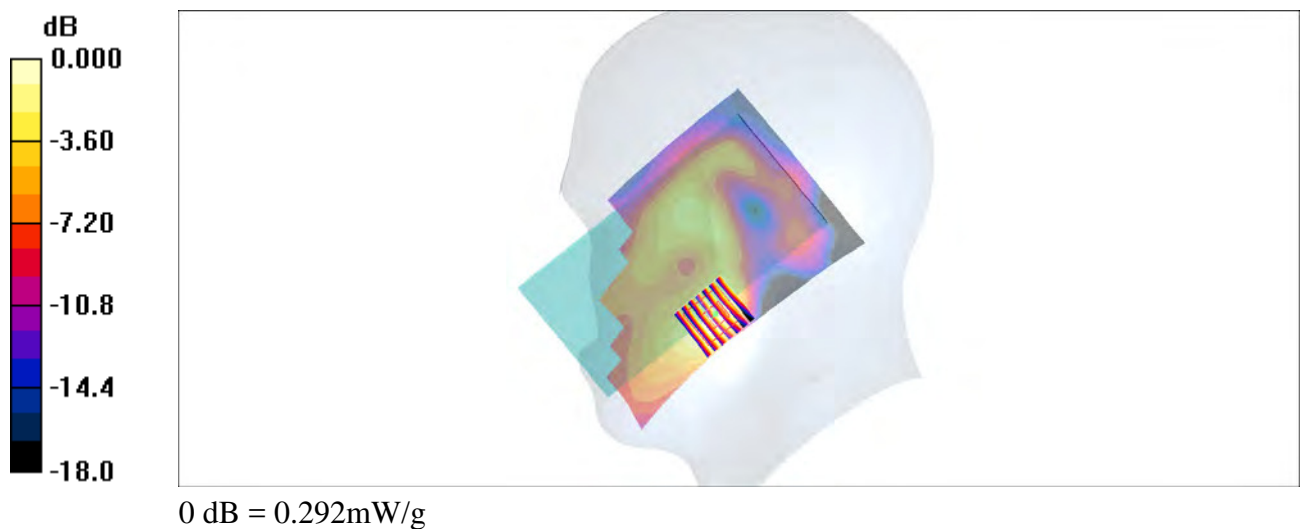
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = -0.180 dB

Peak SAR (extrapolated) = 0.342 W/kg

SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.292 mW/g



#10_LTE Band 17_10M_QPSK_1_25_Left Cheek_Ch23790

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: HSL_750_160531 Medium parameters used: $f = 710$ MHz; $\sigma = 0.854$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(10.22, 10.22, 10.22); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.021 mW/g

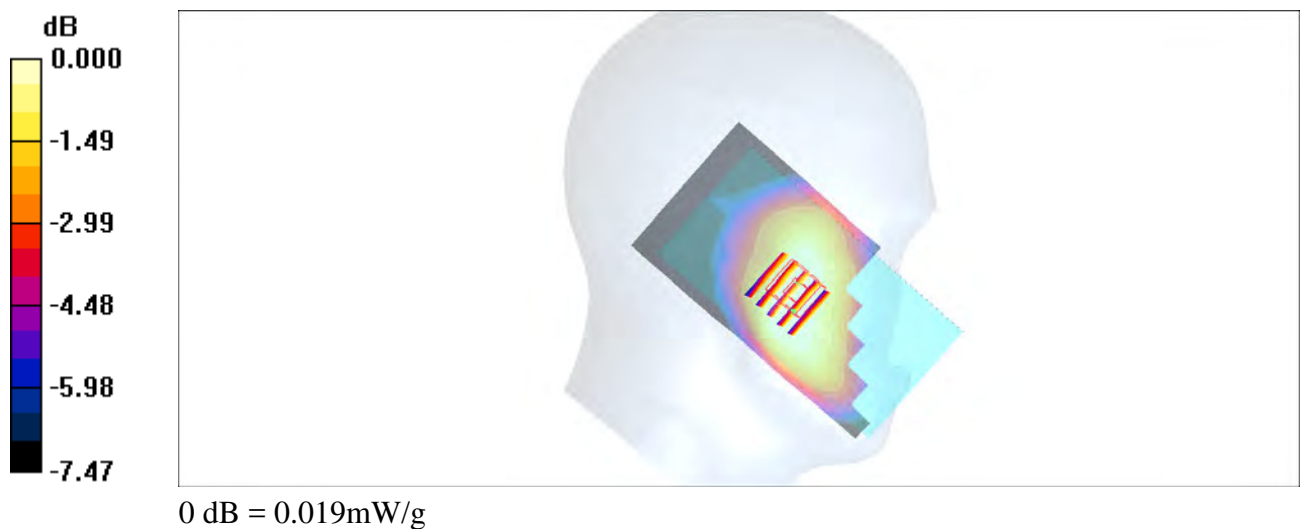
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.04 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 0.020 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.019 mW/g



#11_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.029

Medium: HSL_2450_160529 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.782$ S/m; $\epsilon_r = 38.004$; $\rho = 1000$ 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_Left; Type: QD000P40CD; Serial: TP:1644
- 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) = 1.34 W/kg

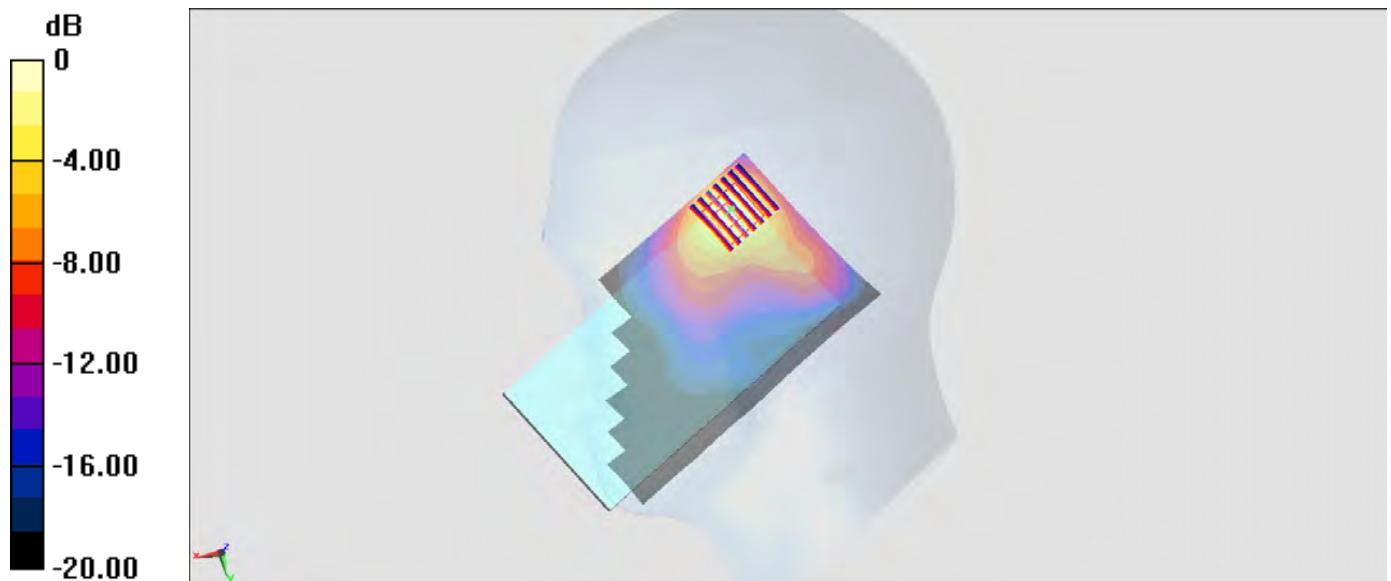
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.21 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.379 W/kg

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



0 dB = 1.34 W/kg = 1.27 dBW/kg

#12_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch60

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.155

Medium: HSL_5G_160529 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.577$ S/m; $\epsilon_r = 37.183$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °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-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) = 1.40 W/kg

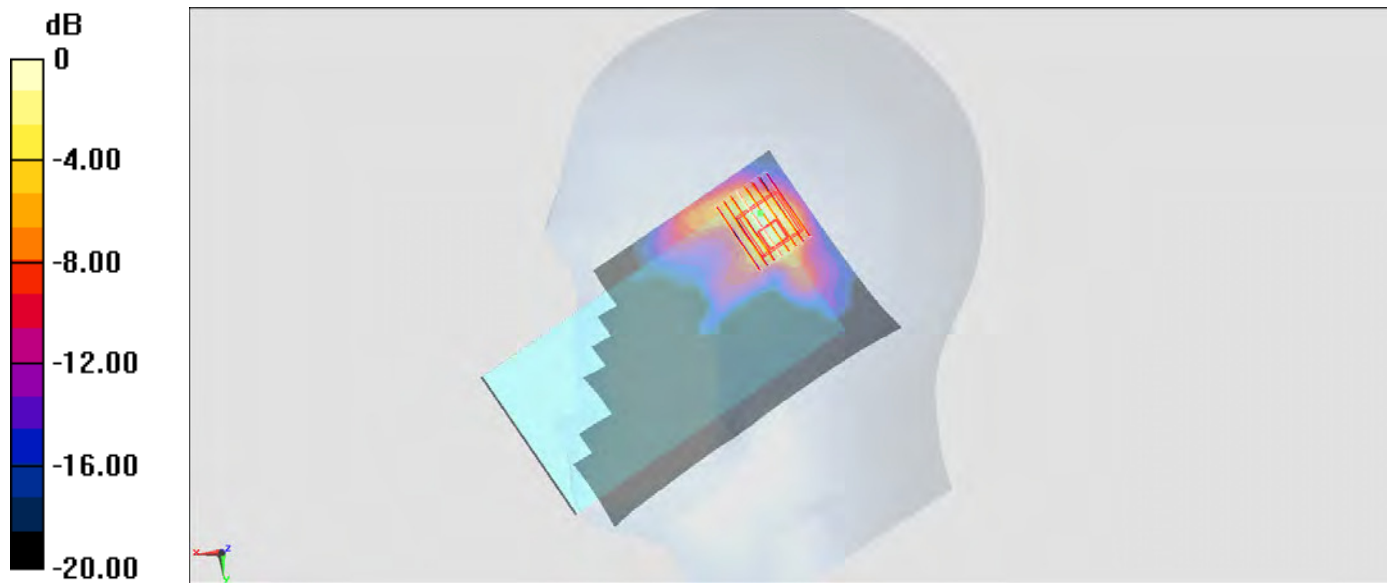
Zoom Scan (8x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.894 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.184 W/kg

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



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

#13_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch132

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.155

Medium: HSL_5G_160529 Medium parameters used: $f = 5660$ MHz; $\sigma = 4.934$ S/m; $\epsilon_r = 36.715$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °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-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=1.000mm

Maximum value of SAR (interpolated) = 2.83 W/kg

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

Reference Value = 18.91 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.64 W/kg

SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.349 W/kg

Maximum value of SAR (measured) = 2.87 W/kg



0 dB = 2.83 W/kg = 4.52 dBW/kg

#14_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch149

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.155

Medium: HSL_5G_160529 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.012$ S/m; $\epsilon_r = 36.594$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °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-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=1.000mm

Maximum value of SAR (interpolated) = 2.31 W/kg

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

Reference Value = 16.63 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.78 W/kg

SAR(1 g) = 0.901 W/kg; SAR(10 g) = 0.269 W/kg

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



0 dB = 2.31 W/kg = 3.64 dBW/kg

#15_GSM850_GPRS (2 Tx slots)_Back_10mm_Ch251

Communication System: GSM850 ; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: MSL_850_160523 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.992 \text{ S/m}$; $\epsilon_r = 56.509$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.795 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,

#16_GSM1900_GPRS (2 Tx slots)_Bottom Side_10mm_Ch810

Communication System: PCS ; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_160522 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 54.474$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.89, 7.89, 7.89); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

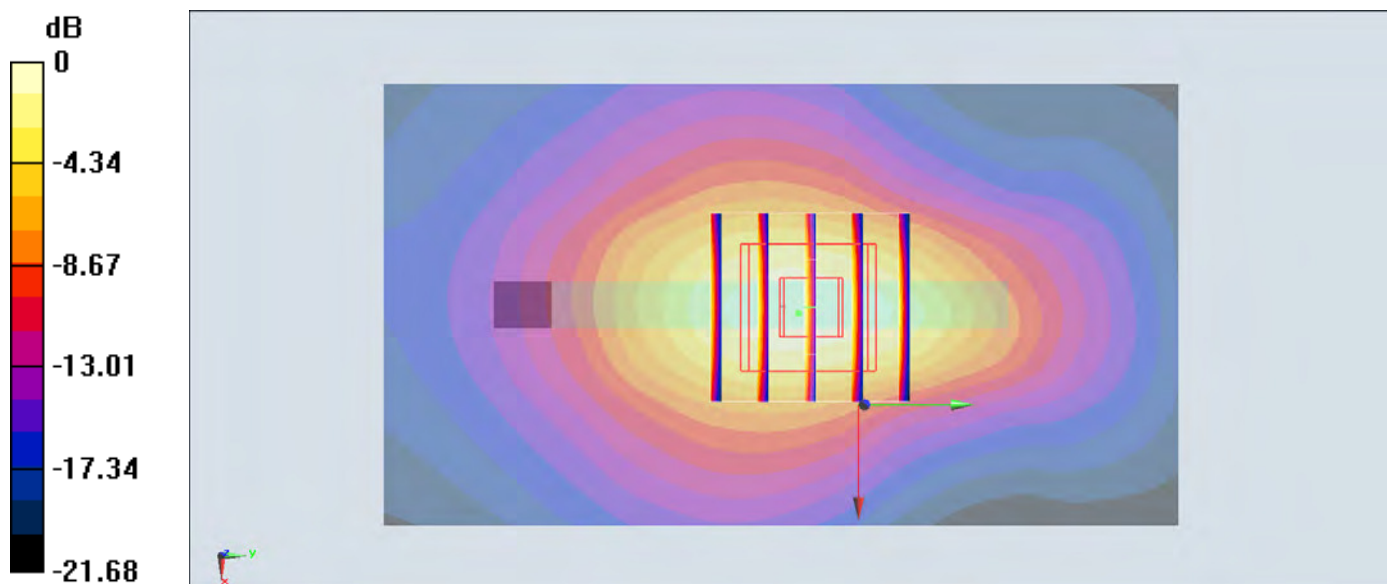
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.15 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.537 W/kg

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

#17_WCDMA II_RMC 12.2Kbps_Bottom Side_10mm_Ch9538

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

Medium: MSL_1900_160522 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.533$ S/m; $\epsilon_r = 54.481$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.89, 7.89, 7.89); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 1.18 W/kg

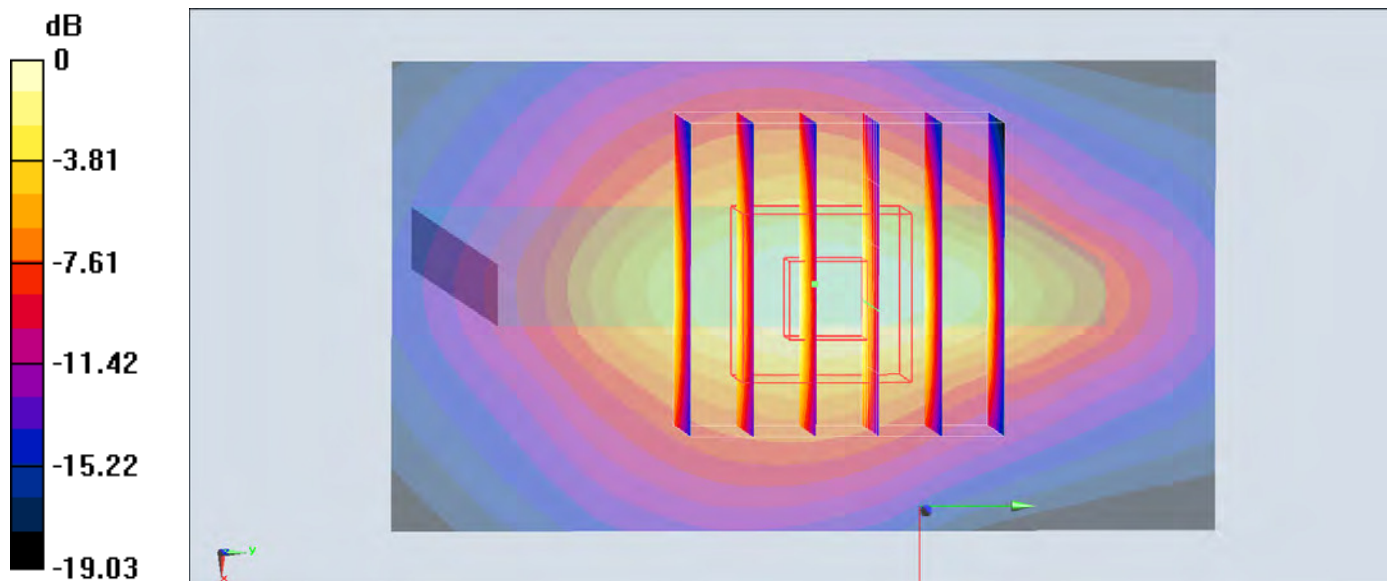
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.06 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.415 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

#18_WCDMA IV_RMC 12.2Kbps_Bottom Side_10mm_Ch1513

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_160522 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.452$ S/m; $\epsilon_r = 52.357$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(8.25, 8.25, 8.25); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

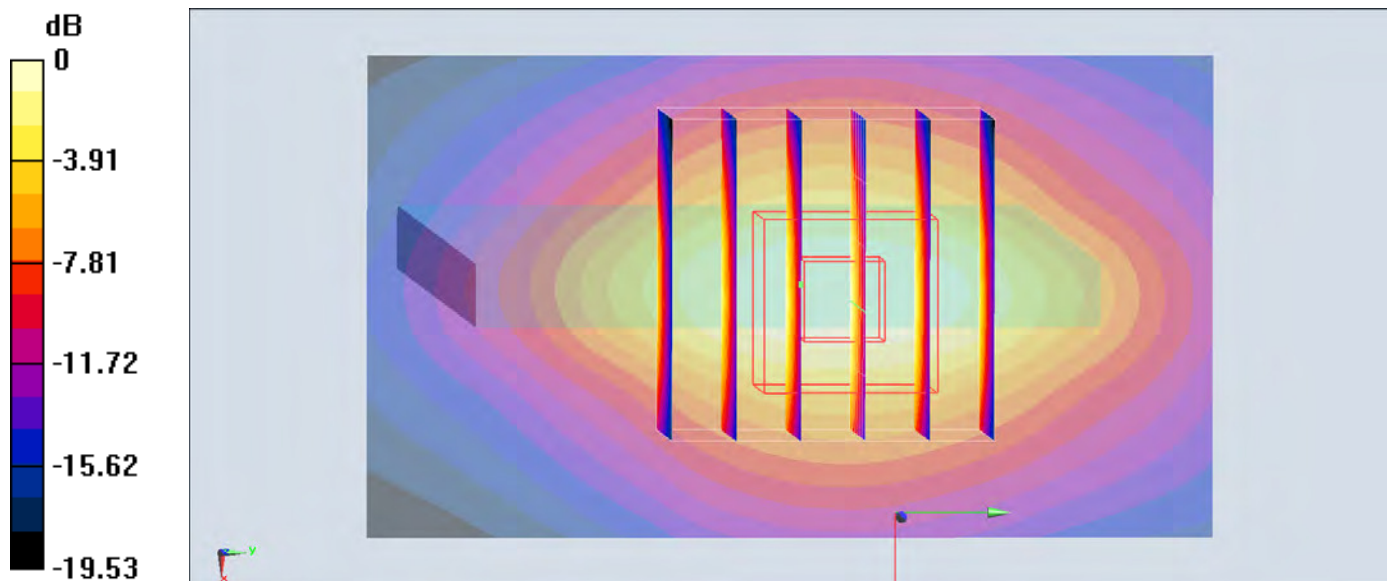
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.55 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.603 W/kg

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



0 dB = 1.47 W/kg = 1.67 dBW/kg

#19_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4233

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

Medium: MSL_850_160523 Medium parameters used: $f = 847$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 56.527$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- 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) = 0.396 W/kg

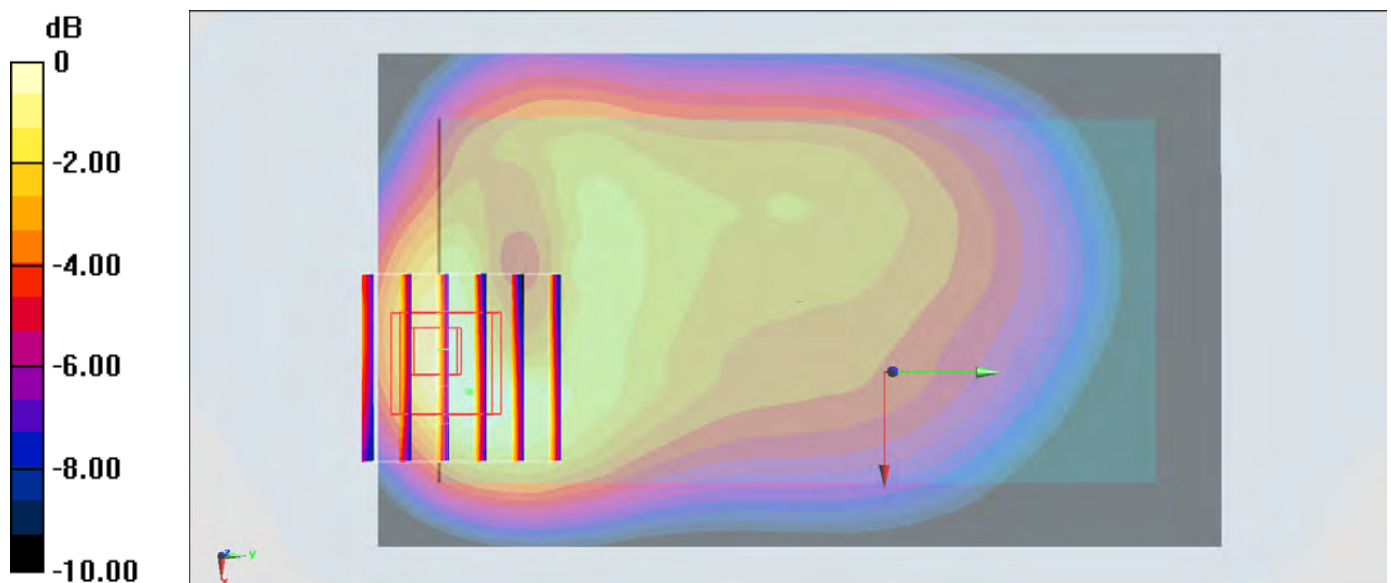
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.70 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.421 W/kg

SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.168 W/kg

Maximum value of SAR (measured) = 0.371 W/kg



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

#20_LTE Band 2_20M_QPSK_1_49_Bottom Side_10mm_Ch19100

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

Medium: MSL_1900_160522 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.524$ S/m; $\epsilon_r = 54.506$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.89, 7.89, 7.89); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

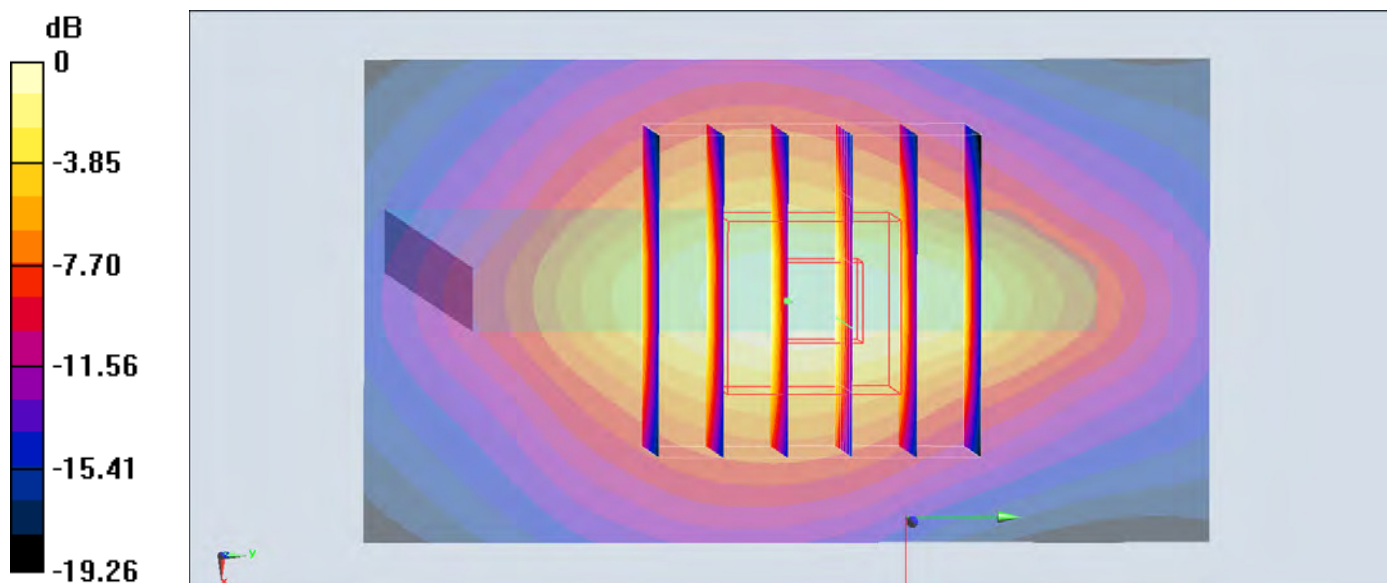
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.17 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.768 W/kg; SAR(10 g) = 0.441 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

#21_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_160522 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.434$ S/m; $\epsilon_r = 52.416$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(8.25, 8.25, 8.25); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

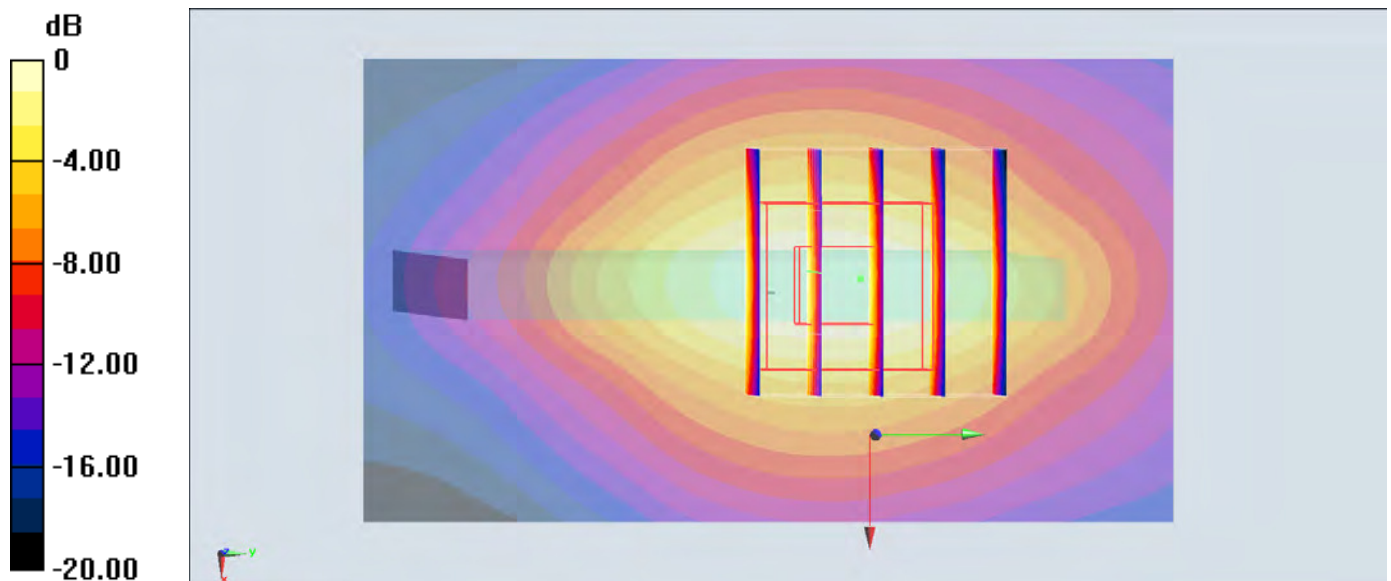
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.64 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.631 W/kg

Maximum value of SAR (measured) = 1.44 W/kg



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

#22_LTE Band 5_10M_QPSK_1_25_Back_10mm_Ch20525

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

Medium: MSL_850_160523 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.981$ S/m; $\epsilon_r = 56.624$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- 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) = 0.407 W/kg

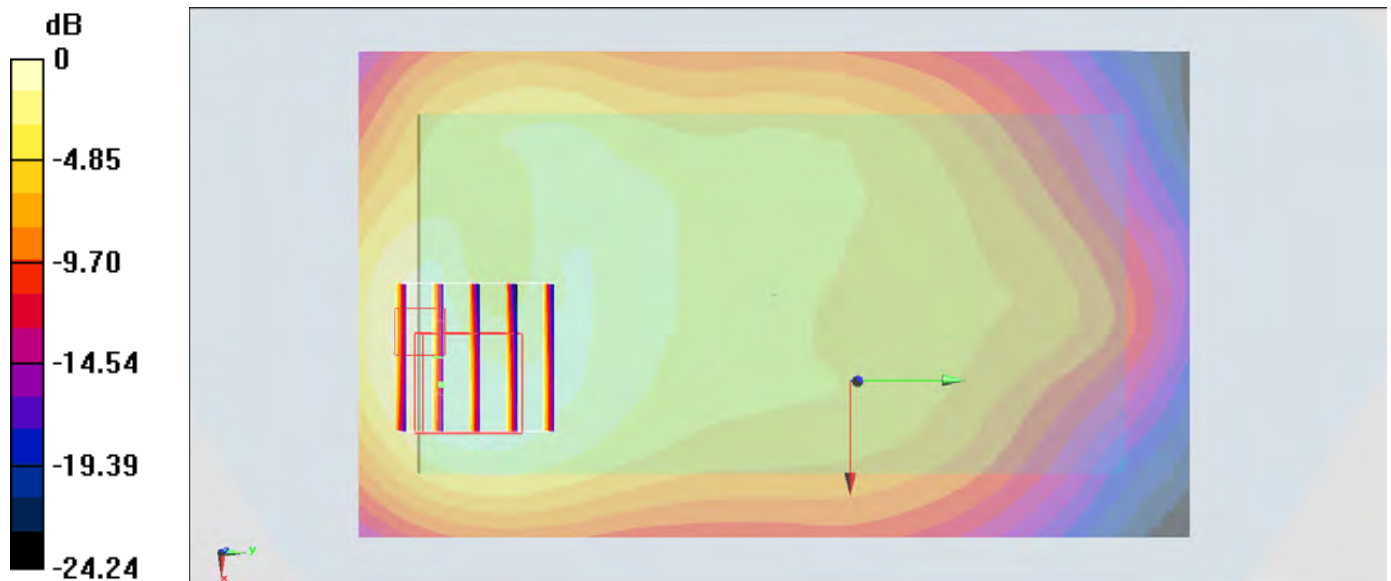
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.48 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.430 W/kg

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.175 W/kg

Maximum value of SAR (measured) = 0.365 W/kg



0 dB = 0.407 W/kg = -3.90 dBW/kg

#23_LTE Band 7_20M_QPSK_1_49_Bottom Side_10mm_Ch20850

Communication System: LTE ; Frequency: 2510 MHz;Duty Cycle: 1:1

Medium: MSL_2600_160524 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.059$ S/m; $\epsilon_r = 54.206$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.23, 7.23, 7.23); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Area Scan (51x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.60 W/kg

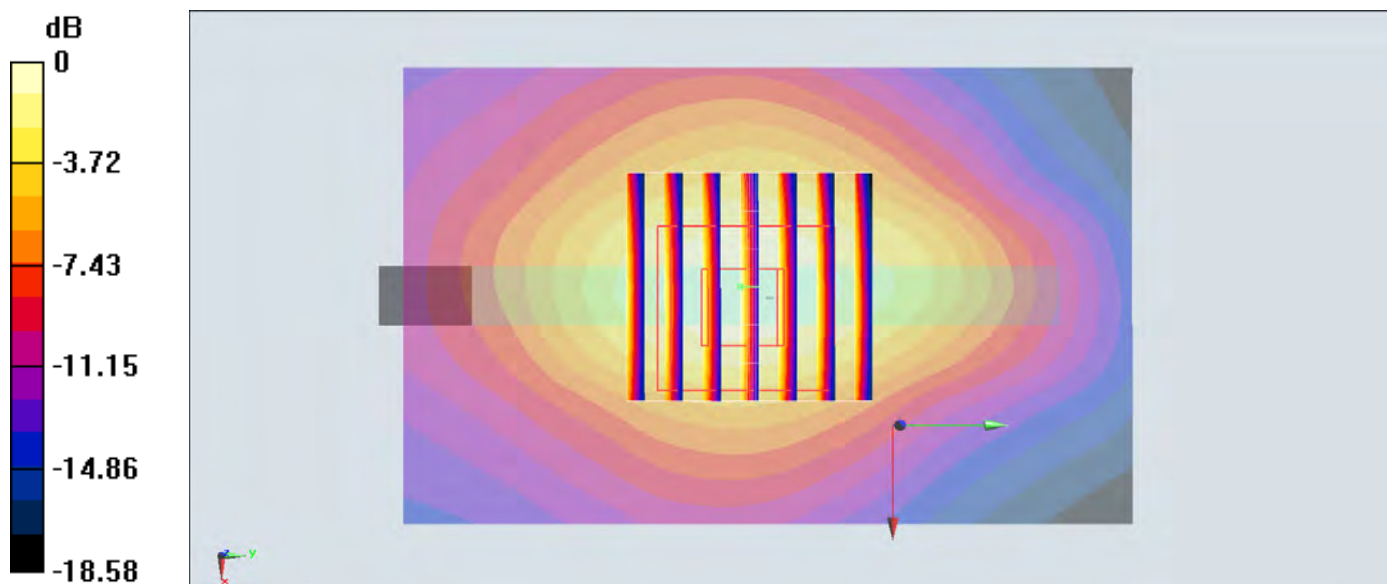
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.90 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.548 W/kg

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



0 dB = 1.60 W/kg = 2.04 dBW/kg

#24_LTE Band 17_10M_QPSK_1_25_Back_10mm_Ch23790

Communication System: LTE ; Frequency: 710 MHz;Duty Cycle: 1:1

Medium: MSL_750_160523 Medium parameters used: $f = 710$ MHz; $\sigma = 0.924$ S/m; $\epsilon_r = 55.351$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(10.36, 10.36, 10.36); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- 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) = 0.101 W/kg

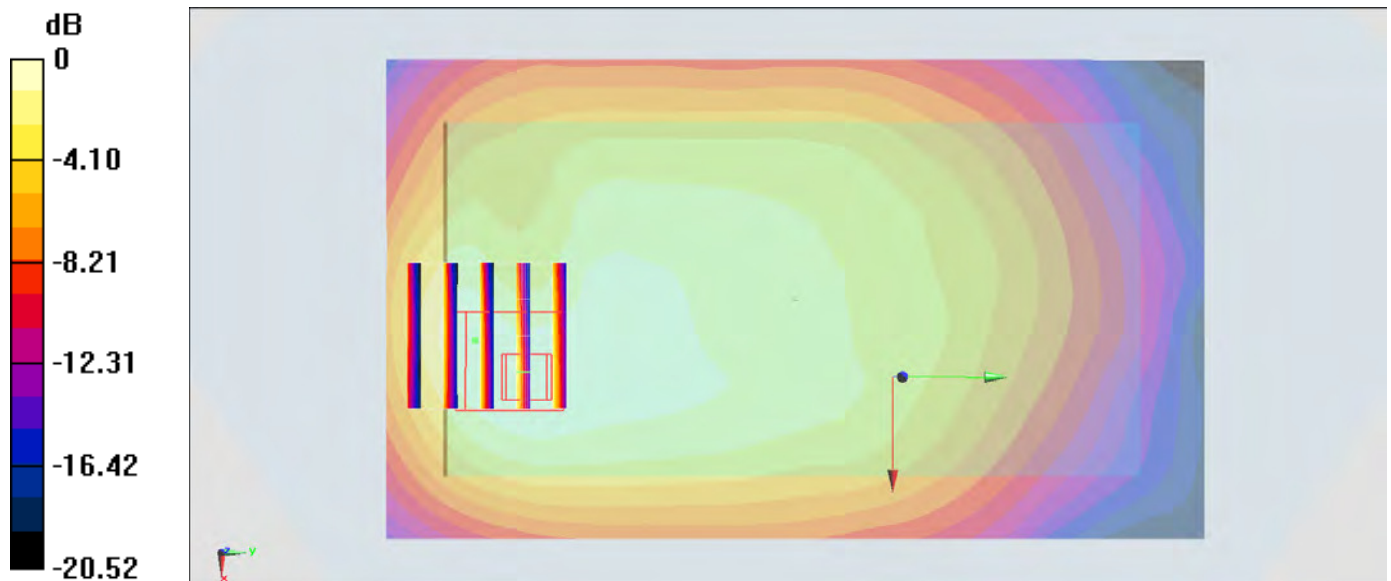
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.42 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.101 W/kg



0 dB = 0.101 W/kg = -9.96 dBW/kg

#25_WLAN2.4GHz_802.11b 1Mbps_Top Side_10mm_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1.029

Medium: MSL_2450_160601 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.43, 7.43, 7.43); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (51x81x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.351 mW/g

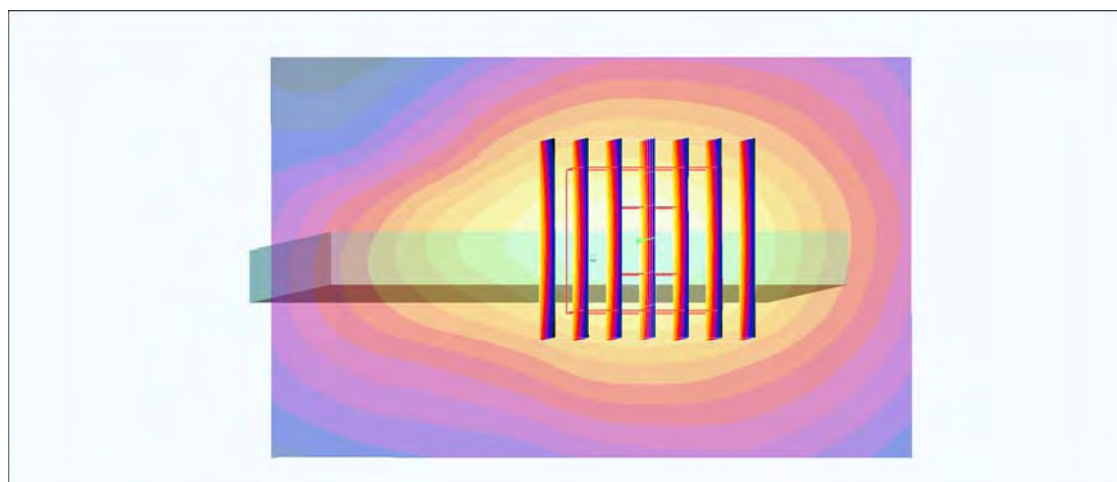
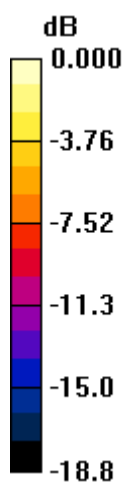
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.0 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 0.432 W/kg

SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.117 mW/g

Maximum value of SAR (measured) = 0.357 mW/g



0 dB = 0.357mW/g

#26_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch36

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.155

Medium: MSL_5G_160529 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.436$ S/m; $\epsilon_r = 47.263$; $\rho = 1000$ 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) = 0.211 W/kg

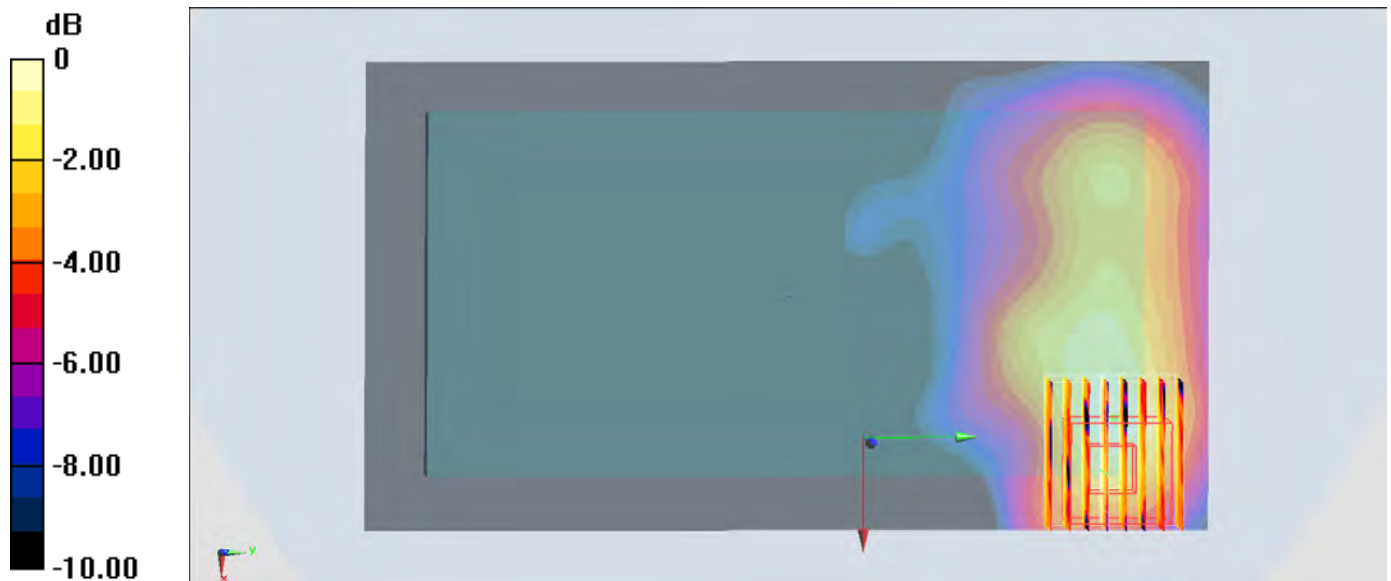
Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.071 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.455 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.300 W/kg



0 dB = 0.211 W/kg = -6.76 dBW/kg

#27_WLAN5GHz_802.11a 6Mbps_Top Side_10mm_Ch157

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.155

Medium: MSL_5G_160601 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.08$ mho/m; $\epsilon_r = 45.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(4.08, 4.08, 4.08); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.300 mW/g

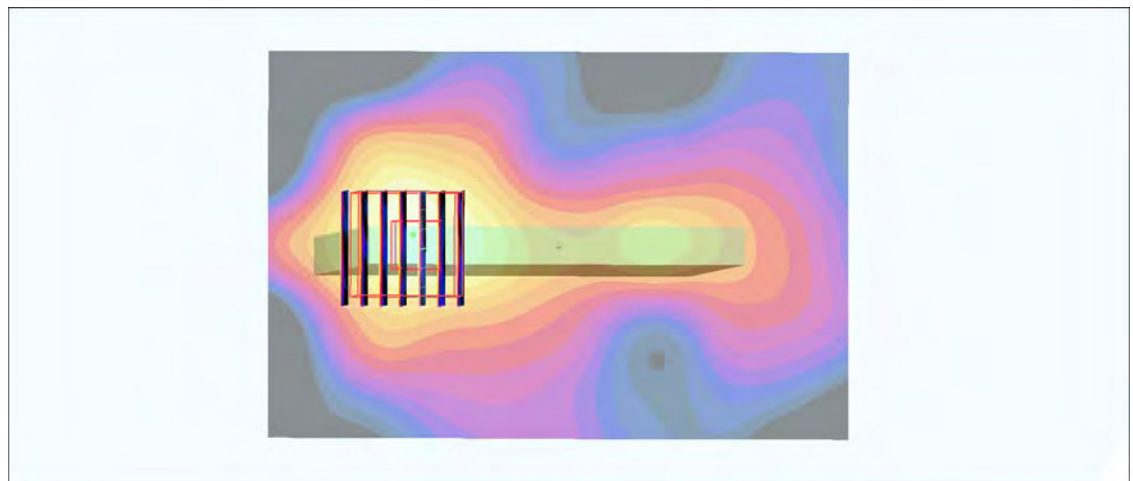
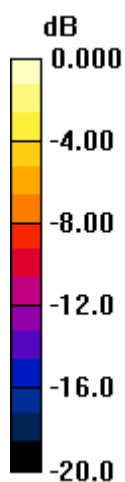
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.81 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.507 W/kg

SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.301 mW/g



0 dB = 0.301mW/g

#28_GSM1900_GPRS (2 Tx slots)_Bottom Side_0mm_Ch810

Communication System: PCS ; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15

Medium: MSL_1900_160522 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 54.474$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.89, 7.89, 7.89); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.1 W/kg

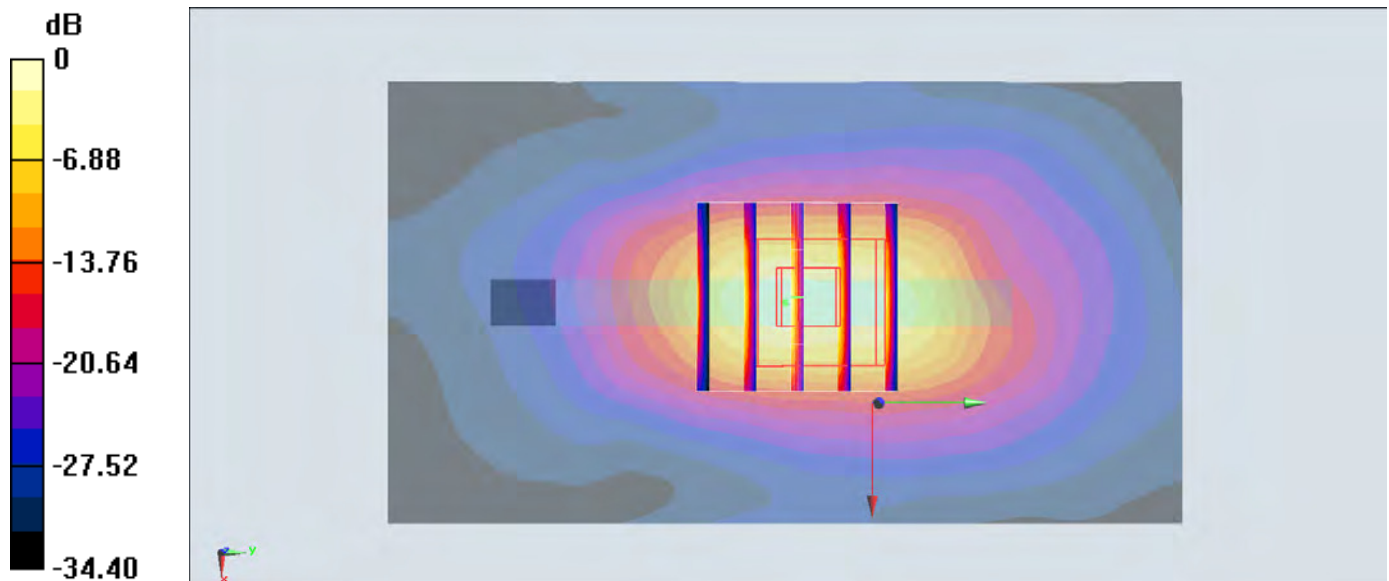
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.223 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 5.82 W/kg; SAR(10 g) = 2.81 W/kg

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



0 dB = 13.1 W/kg = 11.17 dBW/kg

#29_WCDMA II_RMC 12.2Kbps_Bottom Side_0mm_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_160530 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.467$ S/m; $\epsilon_r = 55.284$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.89, 7.89, 7.89); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 15.6 W/kg

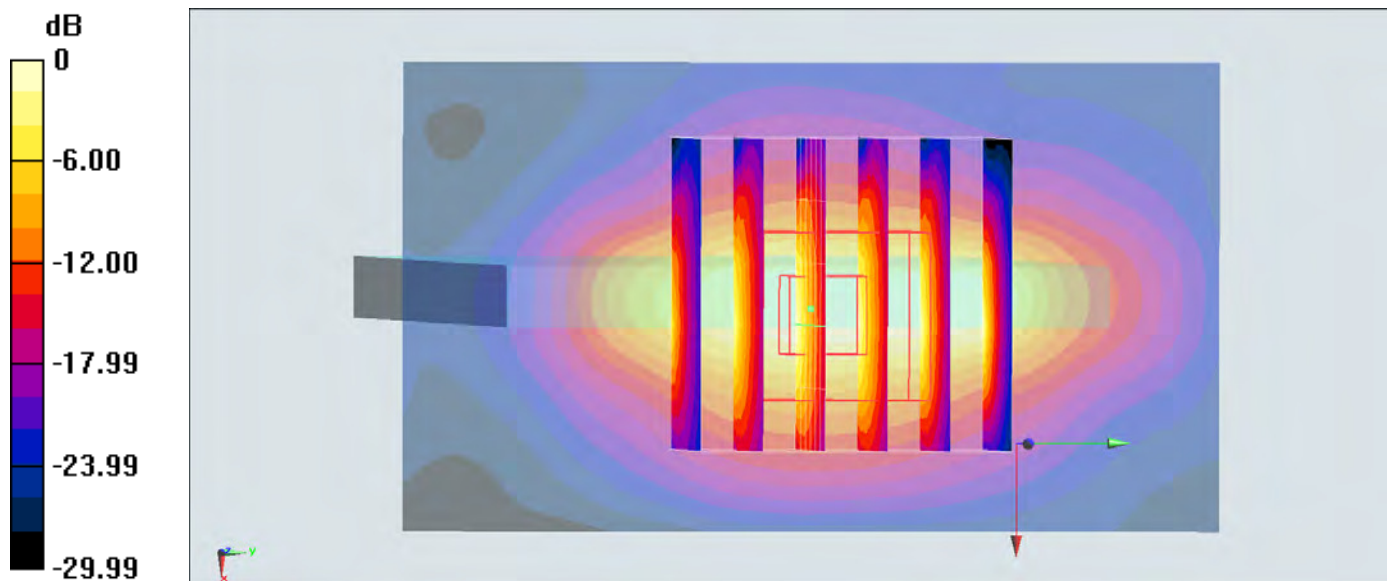
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.16 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 16.6 W/kg

SAR(1 g) = 7.84 W/kg; SAR(10 g) = 3.82 W/kg

Maximum value of SAR (measured) = 12.7 W/kg



0 dB = 15.6 W/kg = 11.93 dBW/kg

#30_LTE Band 2_20M_QPSK_1_49_Bottom Side_0mm_Ch18900

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

Medium: MSL_1900_160530 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ S/m; $\epsilon_r = 55.185$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.94, 7.94, 7.94); 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 (41x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 12.0 W/kg

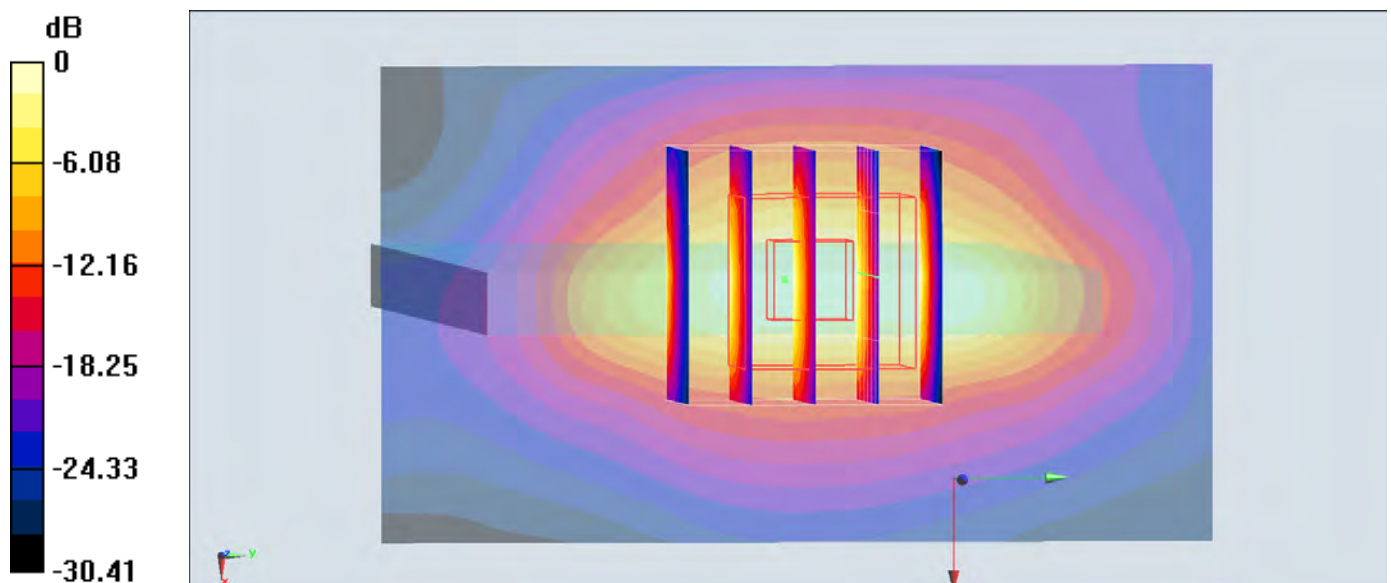
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 76.92 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 13.5 W/kg

SAR(1 g) = 7.05 W/kg; SAR(10 g) = 3.5 W/kg

Maximum value of SAR (measured) = 11.2 W/kg



0 dB = 12.0 W/kg = 10.79 dBW/kg

#31_WLAN5GHz_802.11a 6Mbps_Back_0mm_Ch56

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.155

Medium: MSL_5G_160529 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.57$ S/m; $\epsilon_r = 47.097$; $\rho = 1000$ 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) = 5.19 W/kg

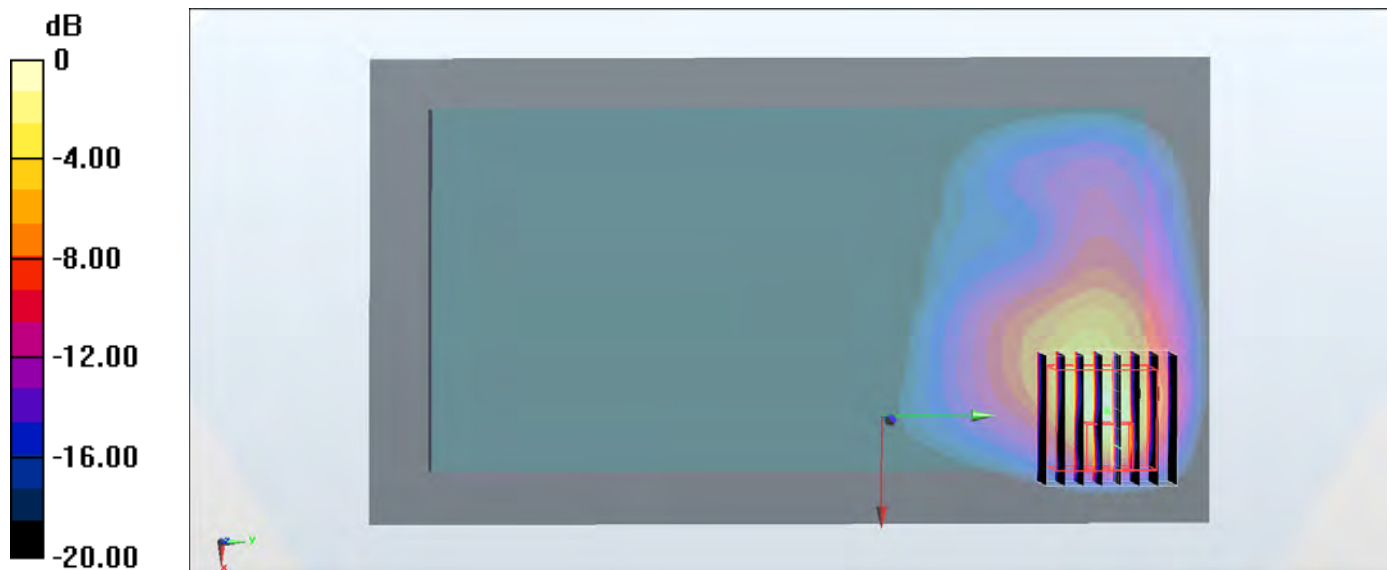
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.48 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 10.7 W/kg

SAR(1 g) = 1.72 W/kg; SAR(10 g) = 0.545 W/kg

Maximum value of SAR (measured) = 5.77 W/kg



0 dB = 5.77 W/kg = 7.61 dBW/kg

#32_WLAN5GHz_802.11a 6Mbps_Top Side_0mm_Ch132

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.155

Medium: MSL_5G_160601 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.92$ mho/m; $\epsilon_r = 46.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(3.9, 3.9, 3.9); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.15 mW/g

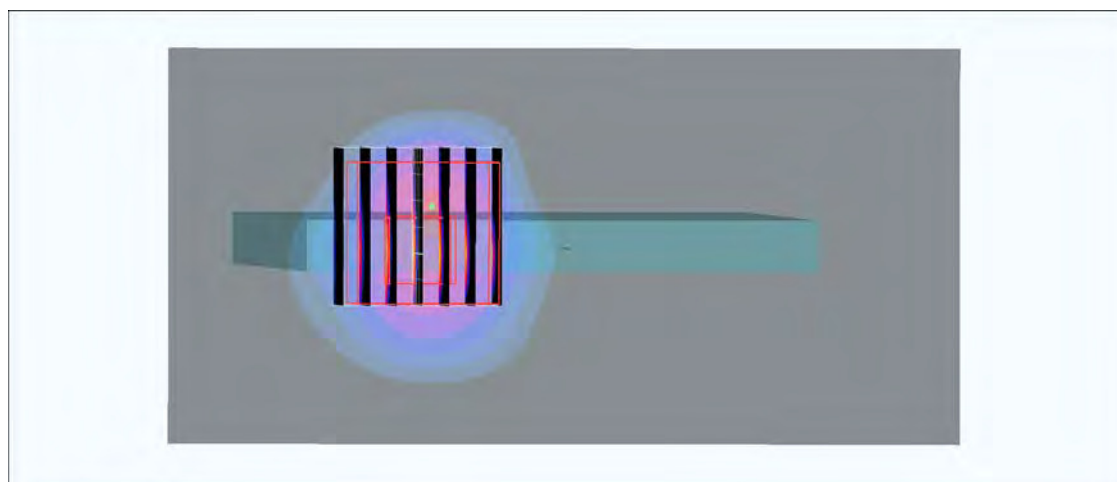
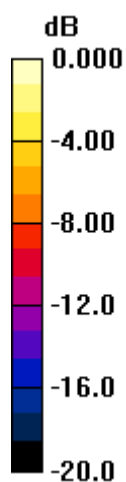
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.9 V/m; Power Drift = 0.080 dB

Peak SAR (extrapolated) = 22.0 W/kg

SAR(1 g) = 3.38 mW/g; SAR(10 g) = 0.693 mW/g

Maximum value of SAR (measured) = 12.1 mW/g



0 dB = 12.1mW/g

#33_GSM850_GPRS (2 Tx slots)_Back_15mm_Ch251

Communication System: GSM850 ; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: MSL_850_160523 Medium parameters used: $f = 849$ MHz; $\sigma = 0.992$ S/m; $\epsilon_r = 56.509$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- 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) = 0.387 W/kg

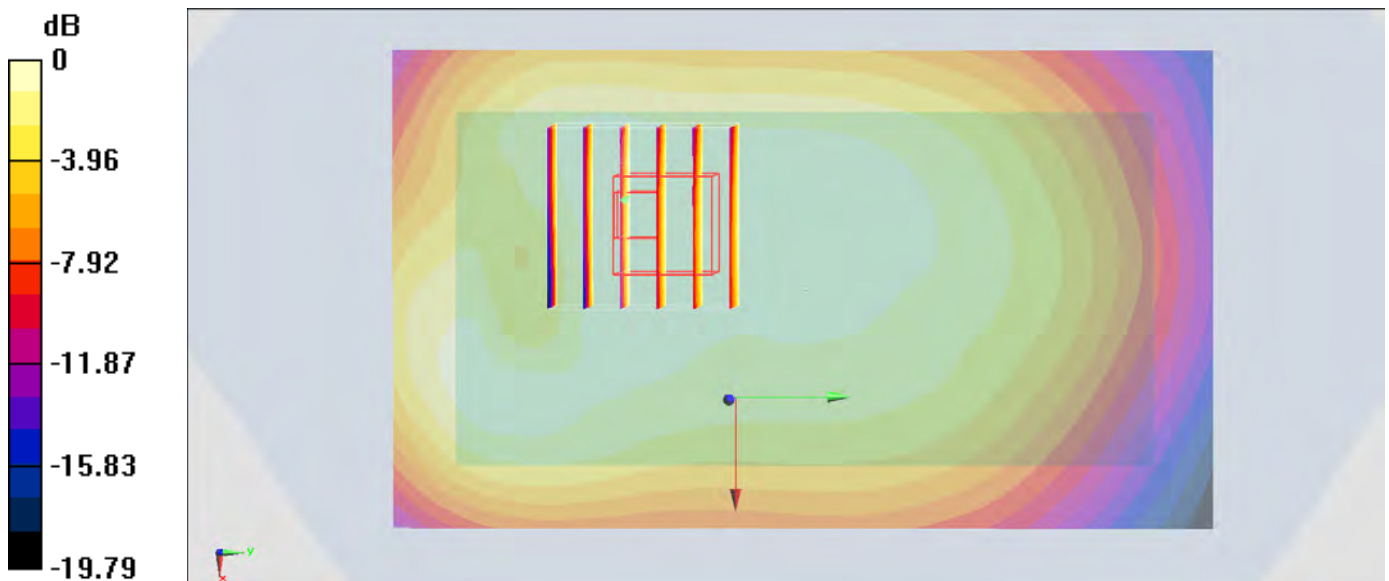
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.70 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.409 W/kg

SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.232 W/kg

Maximum value of SAR (measured) = 0.374 W/kg



0 dB = 0.387 W/kg = -4.12 dBW/kg

#34_GSM1900_GPRS (2 Tx slots)_Back_15mm_Ch512

Communication System: PCS ; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_160522 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.47$ S/m; $\epsilon_r = 54.635$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.89, 7.89, 7.89); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.726 W/kg

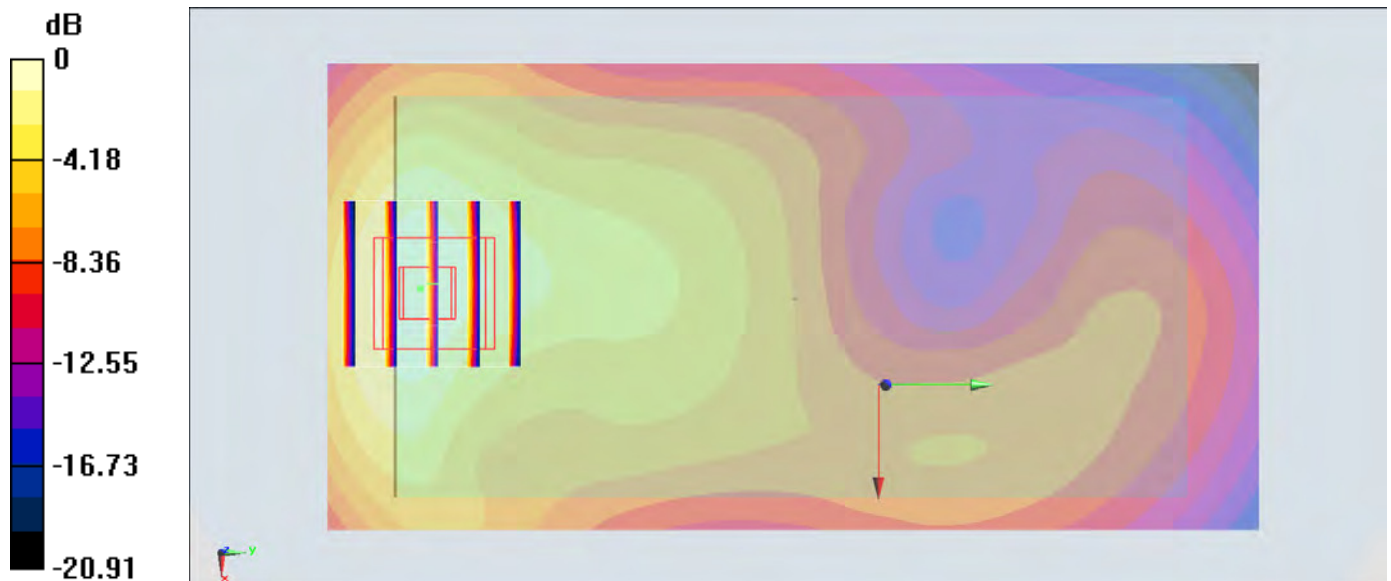
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.77 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.791 W/kg

SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.323 W/kg

Maximum value of SAR (measured) = 0.699 W/kg



#35_WCDMA II_RMC 12.2Kbps_Back_15mm_Ch9400

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

Medium: MSL_1900_160530 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ S/m; $\epsilon_r = 55.185$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.89, 7.89, 7.89); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.539 W/kg

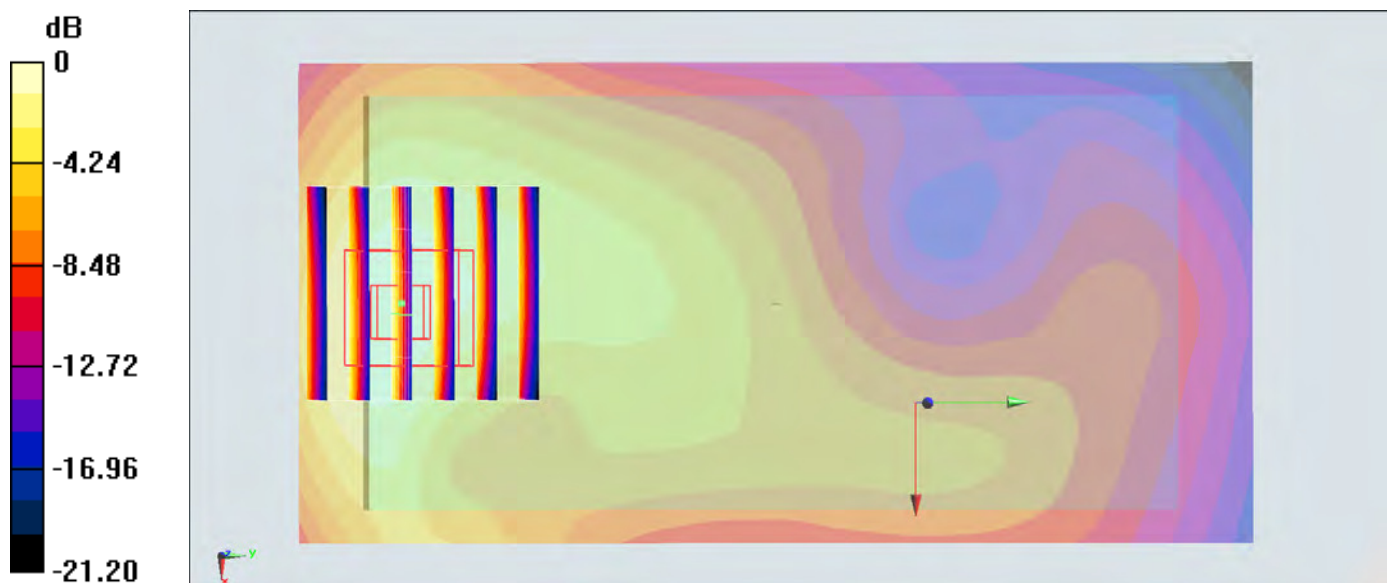
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.78 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.609 W/kg

SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.248 W/kg

Maximum value of SAR (measured) = 0.536 W/kg



0 dB = 0.539 W/kg = -2.68 dBW/kg

#36_WCDMA IV_RMC 12.2Kbps_Back_15mm_Ch1513

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_160525 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.505$ S/m; $\epsilon_r = 55.054$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(8.25, 8.25, 8.25); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.515 W/kg

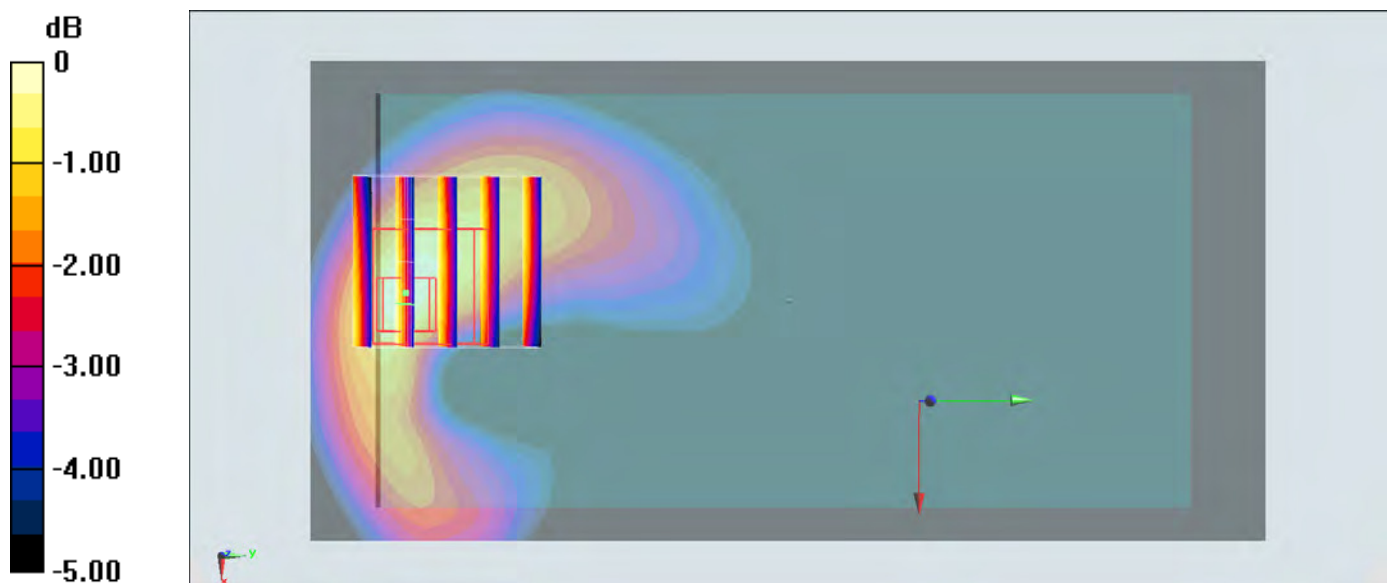
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.16 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.490 W/kg



0 dB = 0.515 W/kg = -2.88 dBW/kg

#37_WCDMA V_RMC 12.2Kbps_Back_15mm_Ch4233

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

Medium: MSL_850_160523 Medium parameters used: $f = 847$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 56.527$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- 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) = 0.197 W/kg

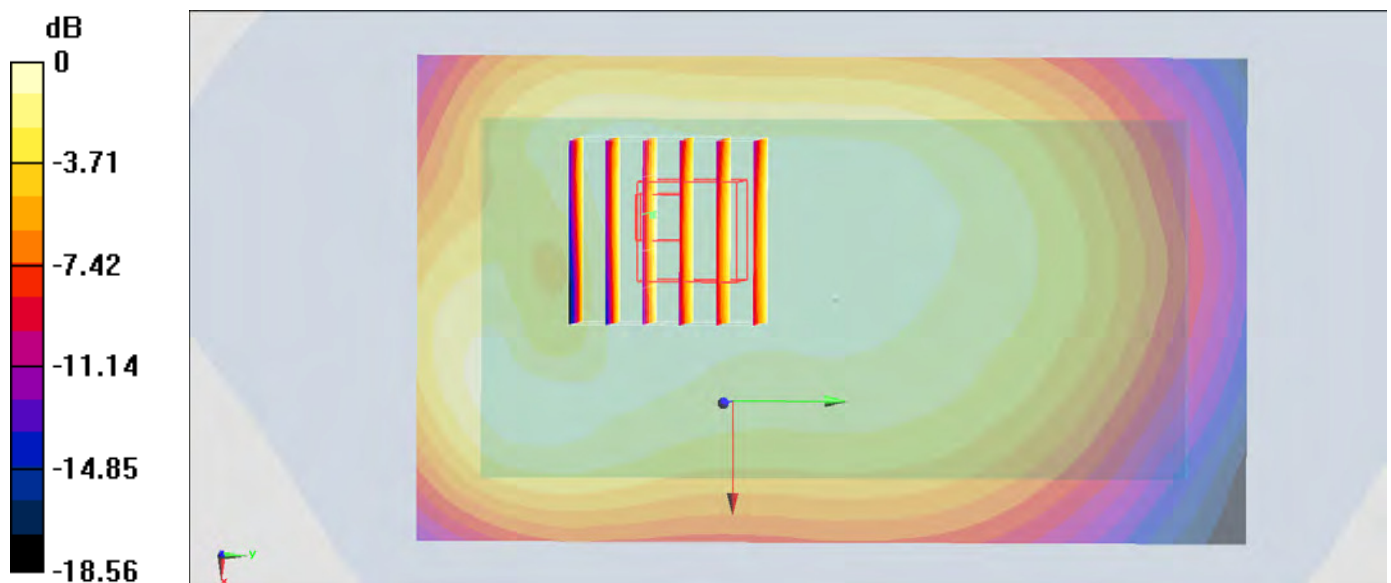
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.13 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.210 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.119 W/kg

Maximum value of SAR (measured) = 0.191 W/kg



0 dB = 0.197 W/kg = -7.06 dBW/kg

#38_LTE Band 2_20M_QPSK_1_49_Back_15mm_Ch18900

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

Medium: MSL_1900_160530 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ S/m; $\epsilon_r = 55.185$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.94, 7.94, 7.94); 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.524 W/kg

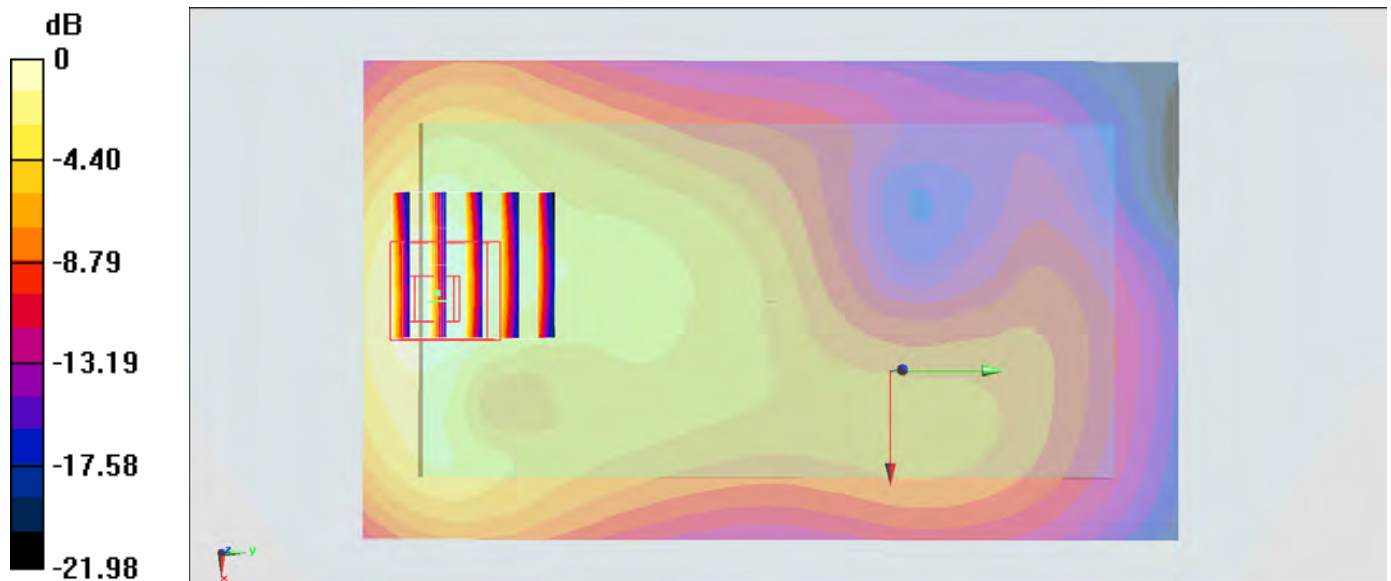
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.91 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.548 W/kg

SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.245 W/kg

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



0 dB = 0.524 W/kg = -2.81 dBW/kg

#39_LTE Band 4_20M_QPSK_1_49_Back_15mm_Ch20175

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

Medium: MSL_1750_160525 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.483$ S/m; $\epsilon_r = 55.109$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(8.25, 8.25, 8.25); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- 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) = 0.452 W/kg

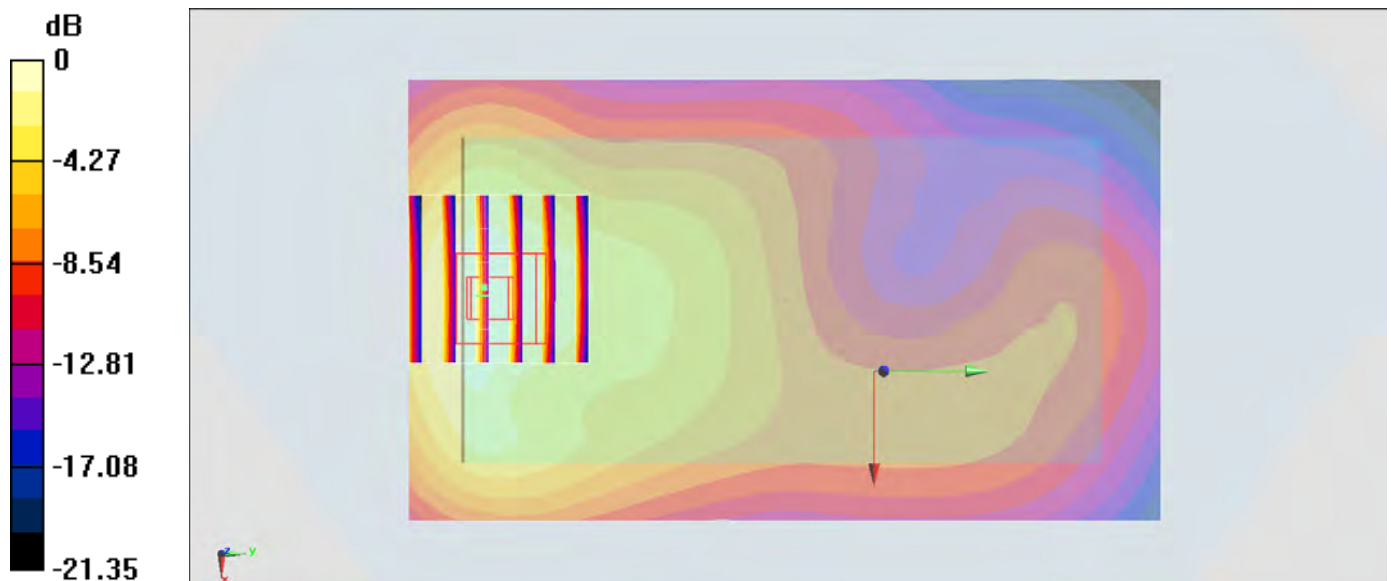
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.08 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.509 W/kg

SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.438 W/kg



0 dB = 0.452 W/kg = -3.45 dBW/kg

#40_LTE Band 5_10M_QPSK_1_25_Back_15mm_Ch20525

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

Medium: MSL_850_160523 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.981$ S/m; $\epsilon_r = 56.624$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- 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) = 0.160 W/kg

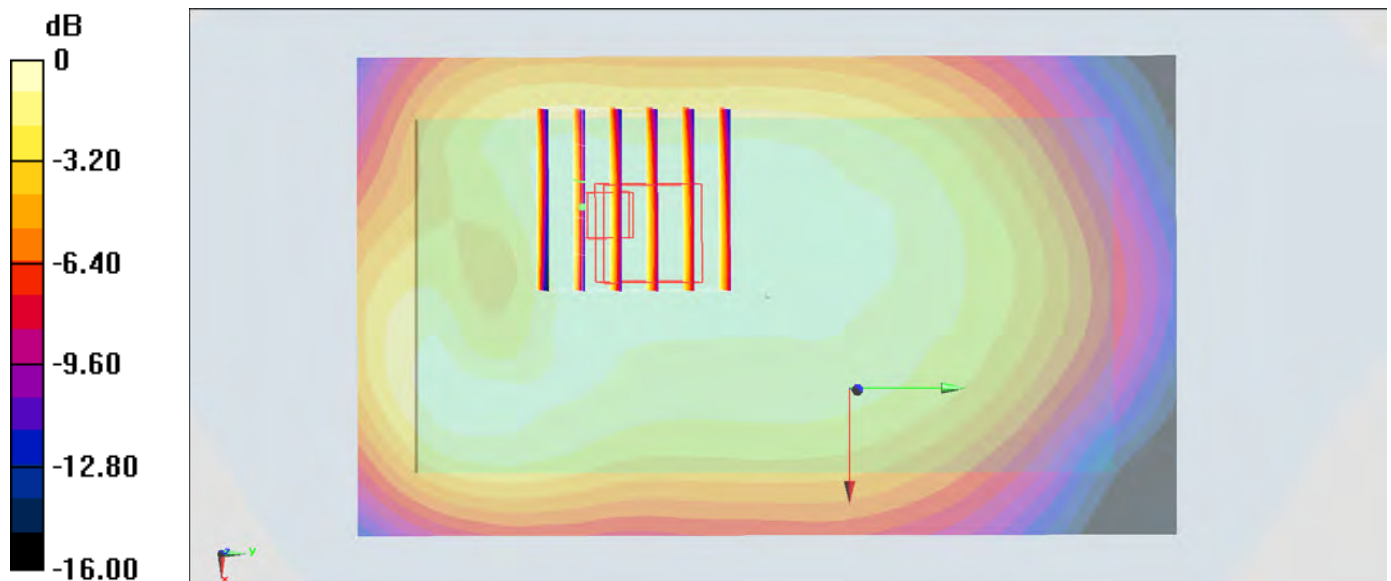
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.62 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.147 W/kg



0 dB = 0.160 W/kg = -7.96 dBW/kg

#41_LTE Band 7_20M_QPSK_1_49_Back_15mm_Ch20850

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: MSL_2600_160524 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.059$ S/m; $\epsilon_r = 54.206$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.23, 7.23, 7.23); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- 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) = 0.641 W/kg

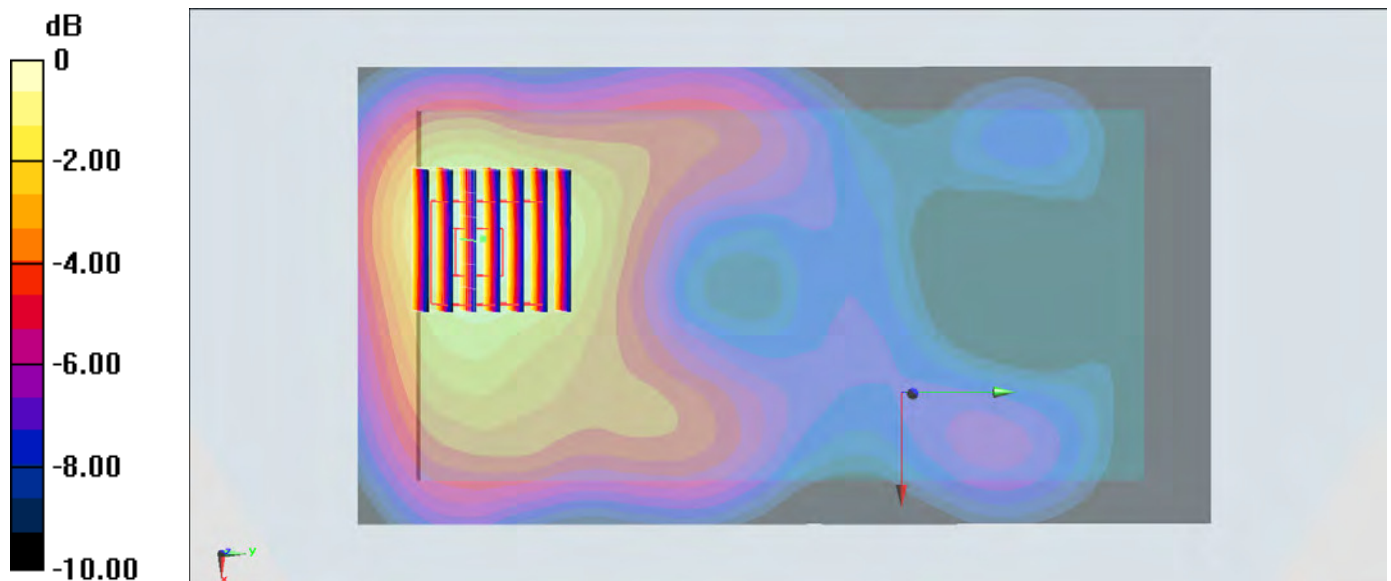
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.35 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.742 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.248 W/kg

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



0 dB = 0.641 W/kg = -1.93 dBW/kg

#42_LTE Band 17_10M_QPSK_1_25_Back_15mm_Ch23790

Communication System: LTE ; Frequency: 710 MHz;Duty Cycle: 1:1

Medium: MSL_750_160523 Medium parameters used: $f = 710$ MHz; $\sigma = 0.924$ S/m; $\epsilon_r = 55.351$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(10.36, 10.36, 10.36); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- 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) = 0.0598 W/kg

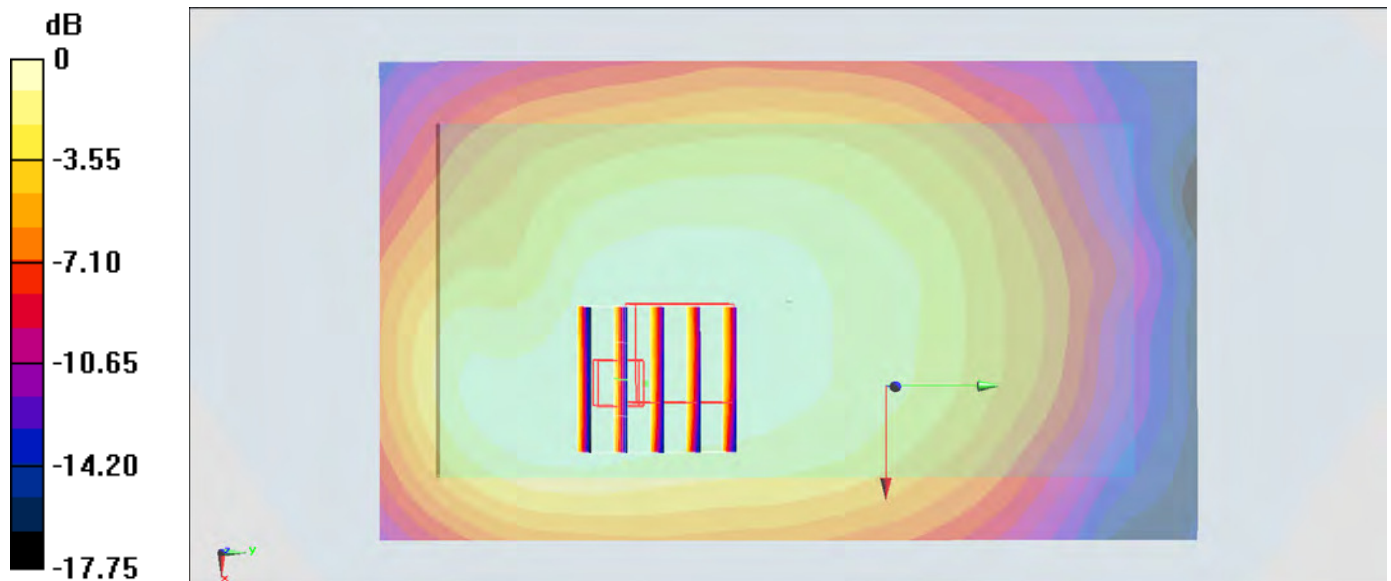
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.169 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.0600 W/kg



0 dB = 0.0598 W/kg = -12.23 dBW/kg

#43_WLAN2.4GHz_802.11b 1Mbps_Back_15mm_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1.029

Medium: MSL_2450_160601 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.43, 7.43, 7.43); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.100 mW/g

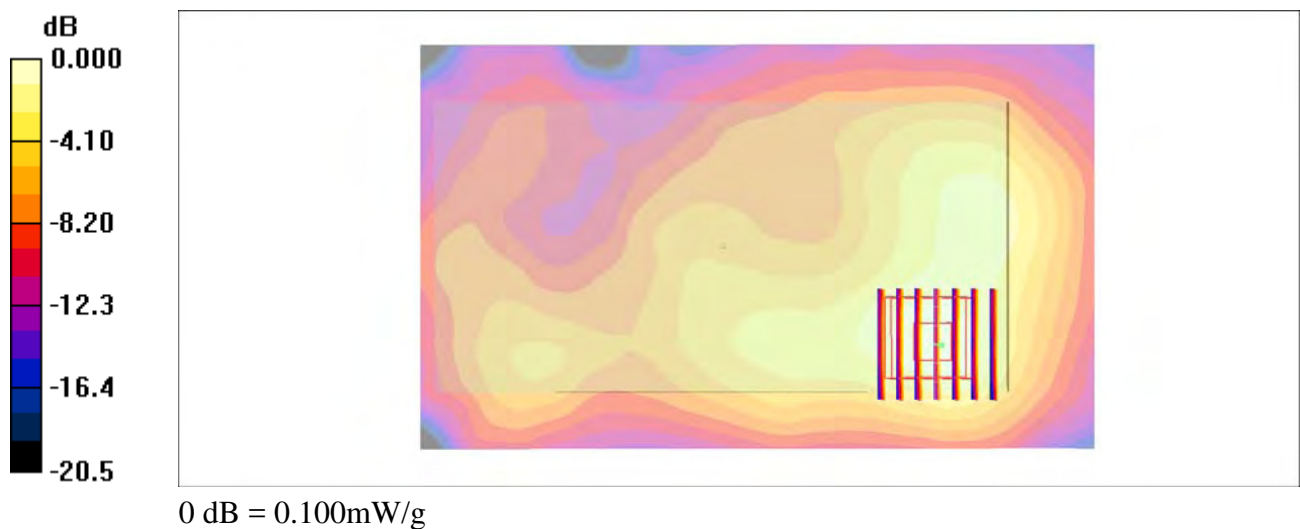
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.34 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.100 mW/g



#44_WLAN5GHz_802.11a 6Mbps_Back_15mm_Ch56

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.155

Medium: MSL_5G_160529 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.57$ S/m; $\epsilon_r = 47.097$; $\rho = 1000$ 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) = 0.108 W/kg

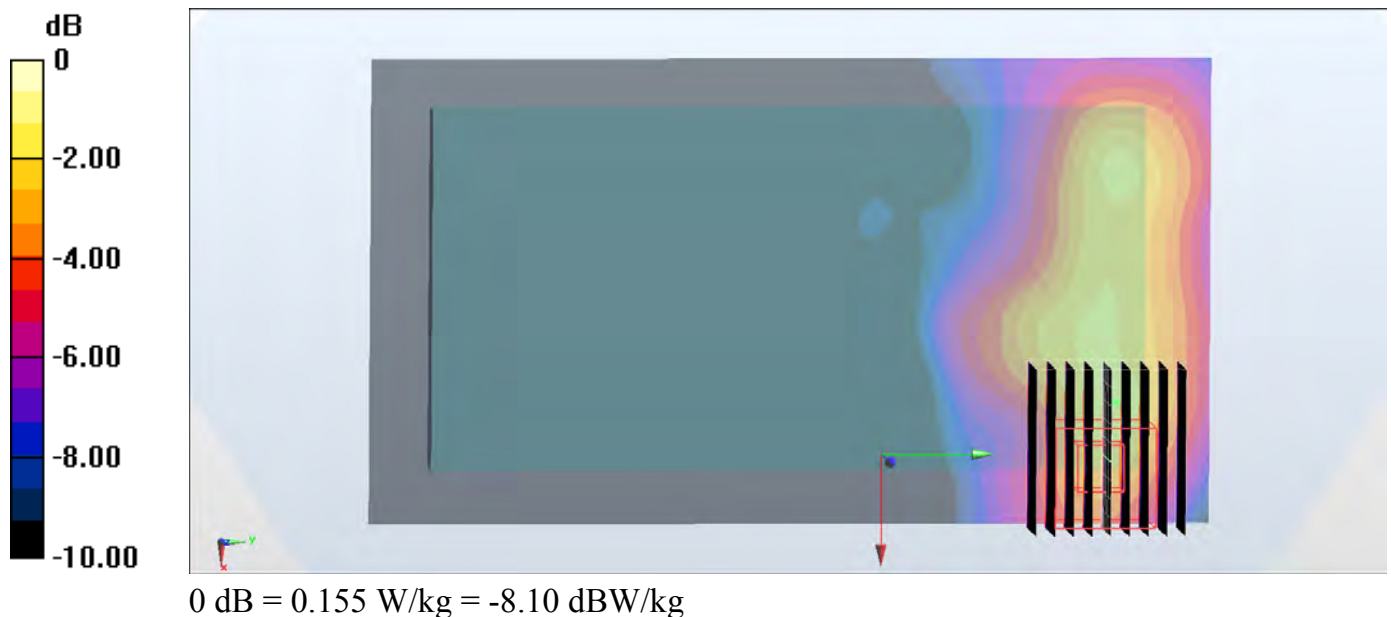
Zoom Scan (10x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.470 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.155 W/kg



#45_WLAN5GHz_802.11a 6Mbps_Front_15mm_Ch116

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.155

Medium: MSL_5G_160601 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.81$ mho/m; $\epsilon_r = 46.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(3.9, 3.9, 3.9); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.268 mW/g

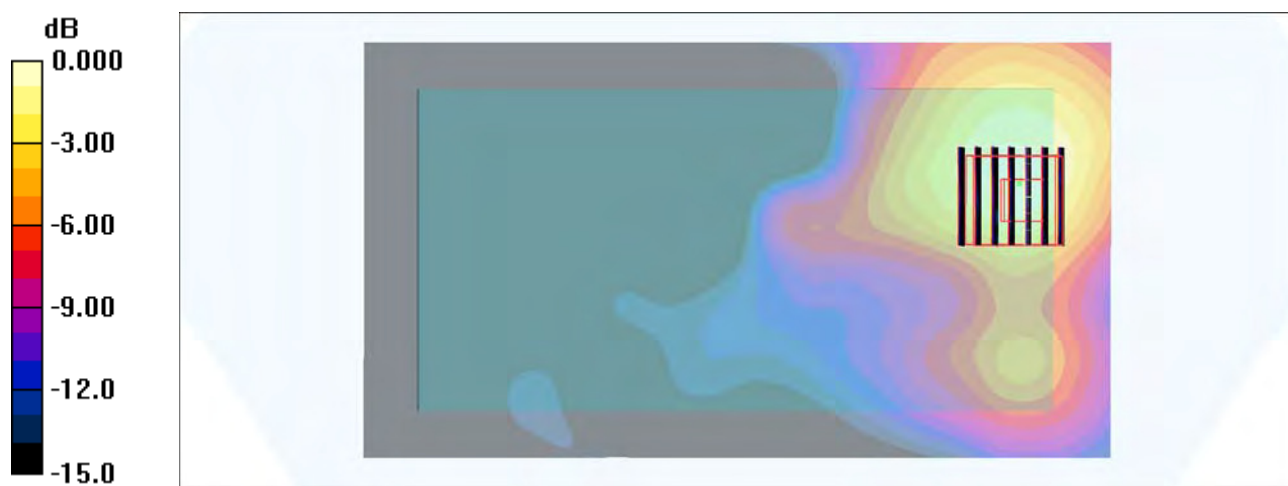
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.25 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.451 W/kg

SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.284 mW/g



0 dB = 0.284mW/g

#46_WLAN5GHz_802.11a 6Mbps_Front_15mm_Ch157

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.155

Medium: MSL_5G_160601 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.08$ mho/m; $\epsilon_r = 45.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(4.08, 4.08, 4.08); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.145 mW/g

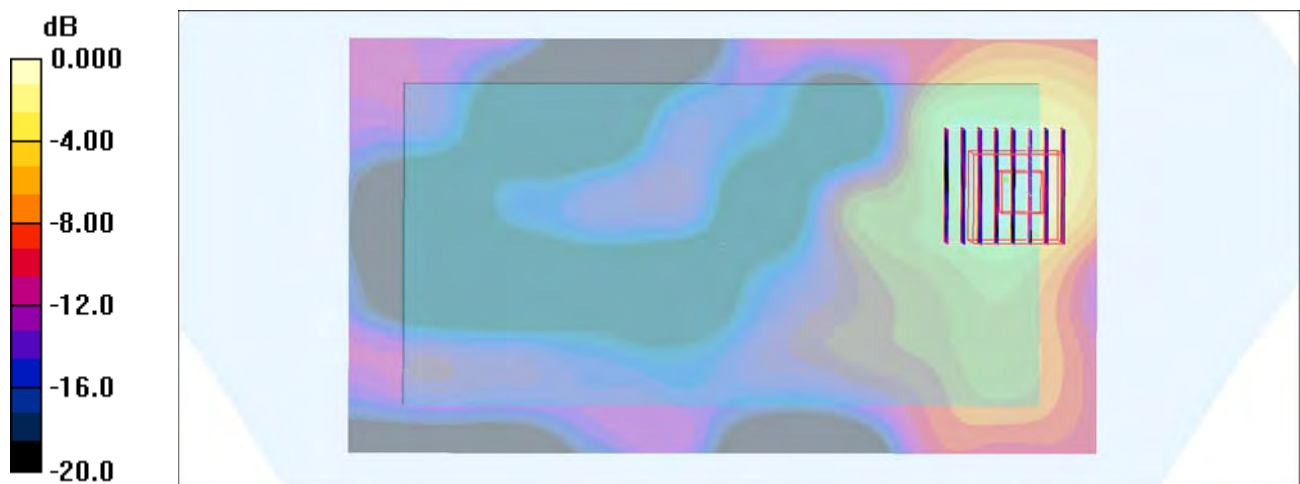
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.89 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.145 mW/g



0 dB = 0.145mW/g

#47_Bluetooth_1Mbps_Back_15mm_Ch0

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.2

Medium: MSL_2450_160601 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.43, 7.43, 7.43); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.026 mW/g

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

Reference Value = 3.10 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.023 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00701 mW/g

Maximum value of SAR (measured) = 0.019 mW/g

