

#01_GSM850_GPRS (2 Tx slots)_Back_15mm_Ch128;Sample 2

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_850_150909 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 53.328$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.13, 10.13, 10.13); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch128/Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

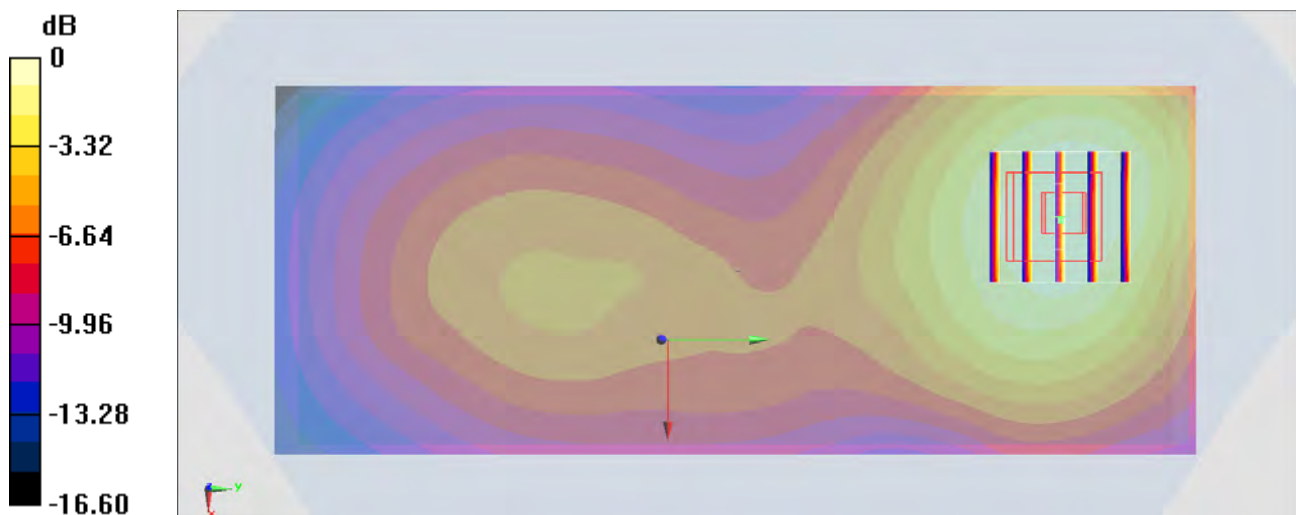
Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.92 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.844 W/kg; SAR(10 g) = 0.602 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

#02_GSM1900_GPRS (2 Tx slots)_Right Side_0mm_Ch661;Sample 4,Holster 3

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4.15

Medium: MSL_1900_150916 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.547$ S/m; $\epsilon_r = 50.868$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(4.7, 4.7, 4.7); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch661/Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.764 W/kg

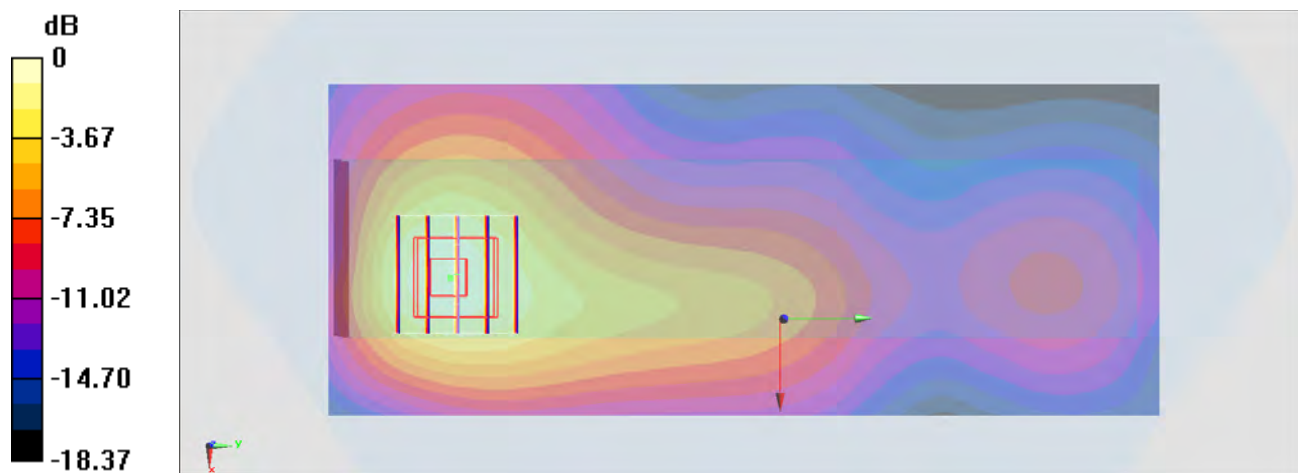
Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.82 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.856 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.339 W/kg

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



#03_WCDMA II_RMC 12.2Kbps_Right Side_0mm_Ch9262;Sample 4,Holster 3

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

Medium: MSL_1900_150916 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.516$ S/m; $\epsilon_r = 50.955$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(4.7, 4.7, 4.7); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9262/Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.636 W/kg

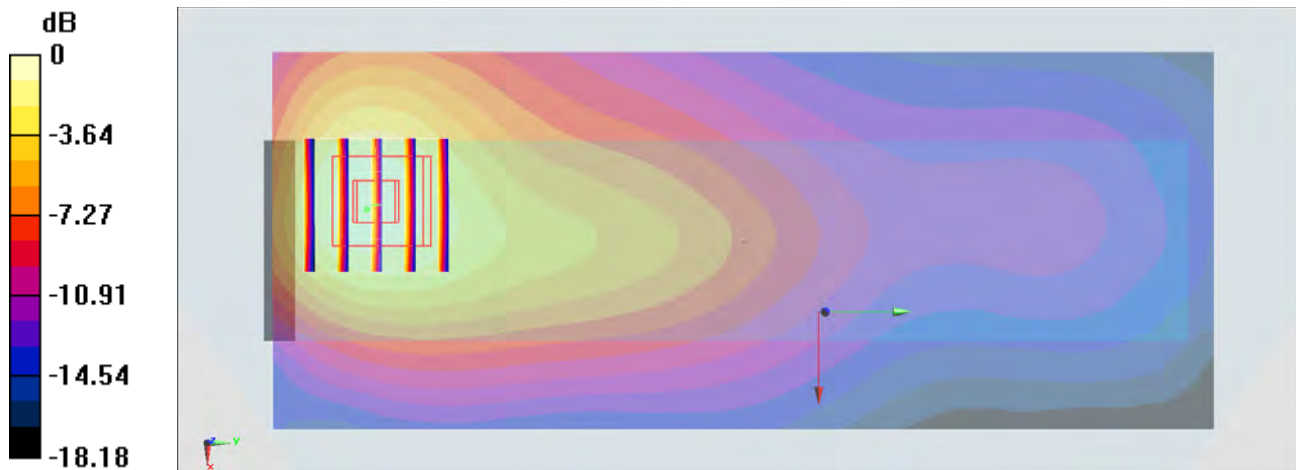
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.88 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.759 W/kg

SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.289 W/kg

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



#04_WCDMA V_RMC 12.2Kbps_Back_15mm_Ch4233;Sample 2

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

Medium: MSL_850_150909 Medium parameters used: $f = 847$ MHz; $\sigma = 0.989$ S/m; $\epsilon_r = 53.051$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.13, 10.13, 10.13); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4233/Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.498 W/kg

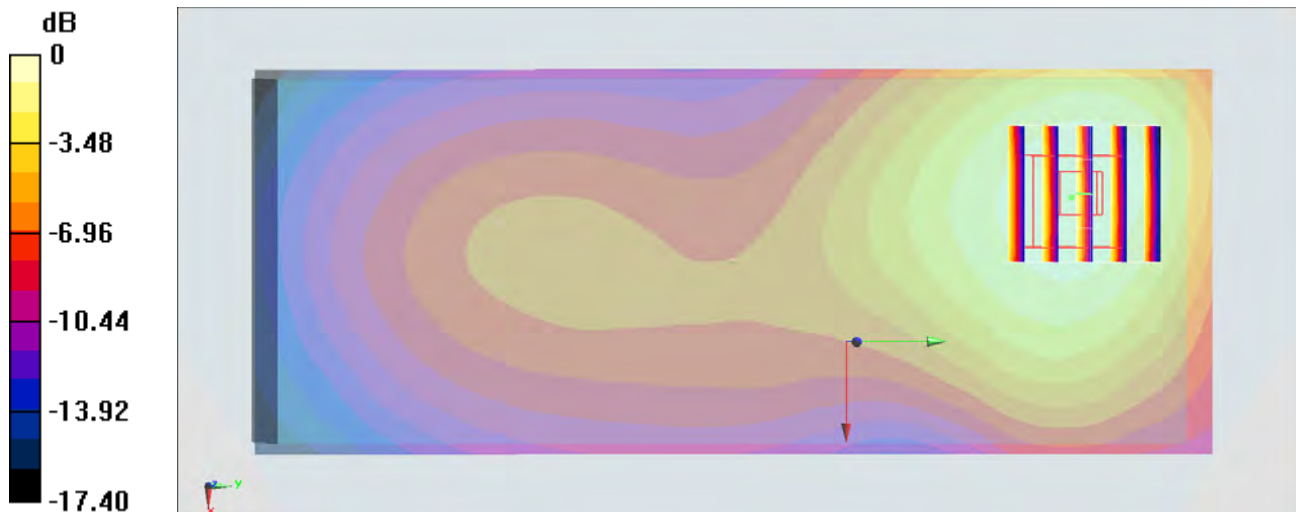
Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.15 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.527 W/kg

SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (measured) = 0.476 W/kg



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

#05_CDMA 2000 BC0_1xRTT RC3 SO32_Back_15mm_Ch384;Sample 1

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL_850_150921 Medium parameters used: $f = 837$ MHz; $\sigma = 0.989$ S/m; $\epsilon_r = 57.295$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/6/11
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch384/Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.797 W/kg

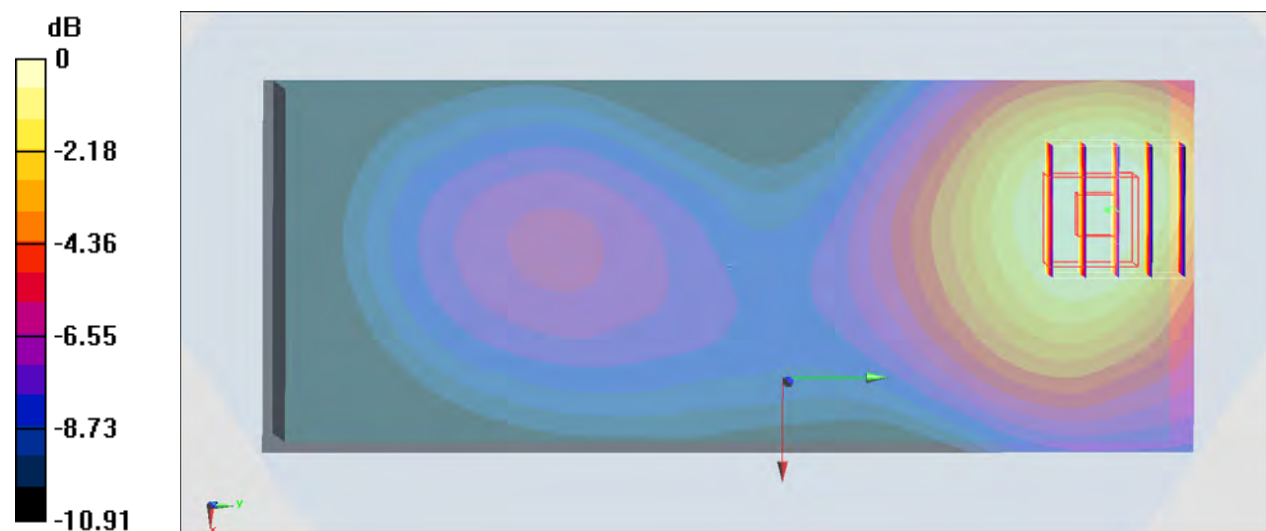
Configuration/Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.37 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.878 W/kg

SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.437 W/kg

Maximum value of SAR (measured) = 0.785 W/kg



0 dB = 0.785 W/kg = -1.05 dBW/kg

#06_CDMA 2000 BC1_1xRTT RC3 SO32_Right Side_0mm_Ch1175;Sample 4;Holster 3

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

Medium: MSL_1900_150921 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.539$ S/m; $\epsilon_r = 54.228$;

$\rho = 1000$ 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: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/6/11
- Phantom: SAM_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1175/Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.907 W/kg

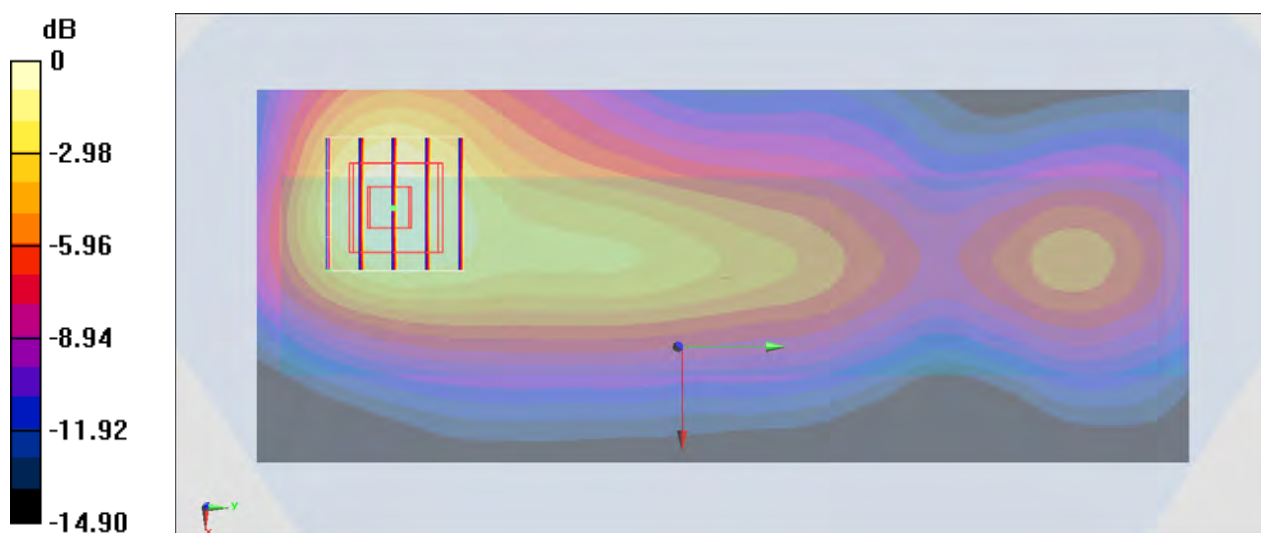
Configuration/Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.92 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.993 W/kg

SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.383 W/kg

Maximum value of SAR (measured) = 0.869 W/kg



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

#07_WLAN2.4GHz_802.11b 1Mbps_Back_0mm_Ch1;Sample 1;Holster 1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.061

Medium: MSL_2450_150916 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.32, 7.32, 7.32); Calibrated: 2014/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/6/11
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch1/Area Scan (91x191x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.205 mW/g

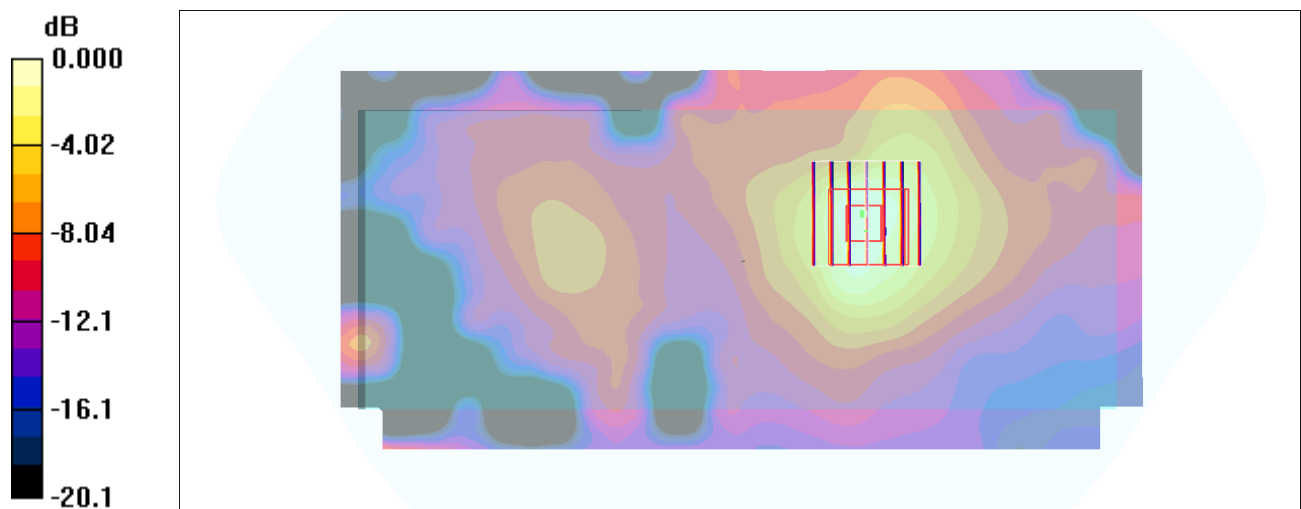
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.087 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.213 mW/g



0 dB = 0.213mW/g

#08_WLAN5GHz_802.11a 6Mbps_Back_0mm_Ch52;Sample 2;Holster 2

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1.176

Medium: MSL_5G_150912 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.5$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3697; ConvF(4.04, 4.04, 4.04); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (101x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.843 mW/g

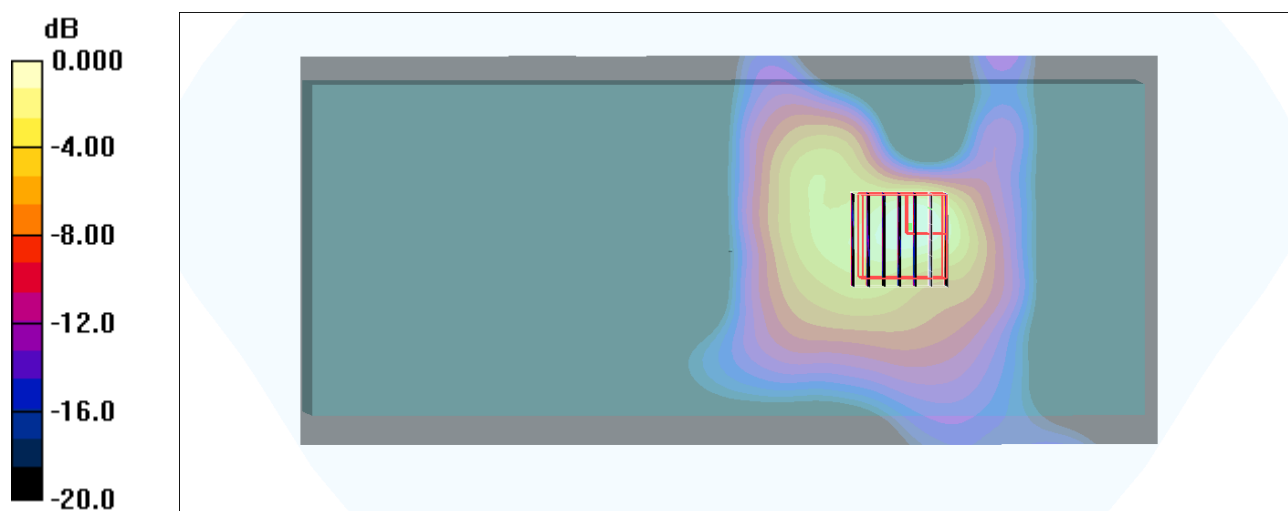
Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.24 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.730 mW/g



0 dB = 0.730mW/g

#09_WLAN5GHz_802.11a 6Mbps_Right Side_0mm_Ch116;Sample 5;Holster 3

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.176

Medium: MSL_5G_150915 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.62$ mho/m; $\epsilon_r = 46.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.79, 3.79, 3.79); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch116/Area Scan (101x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.425 mW/g

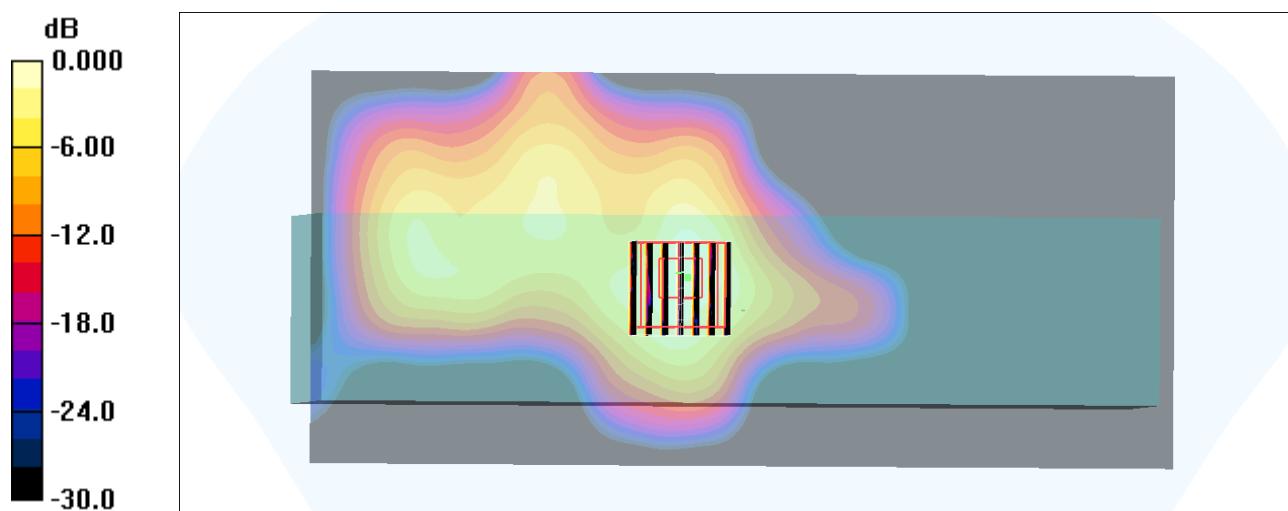
Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.68 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 0.795 W/kg

SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.445 mW/g



0 dB = 0.445mW/g

#10_WLAN5GHz_802.11a 6Mbps_Right Side_0mm_Ch149;Sample 4;Holster 3

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.176

Medium: MSL_5G_150915 Medium parameters used : $f = 5745$ MHz; $\sigma = 5.93$ mho/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.93, 3.93, 3.93); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch149/Area Scan (101x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.913 mW/g

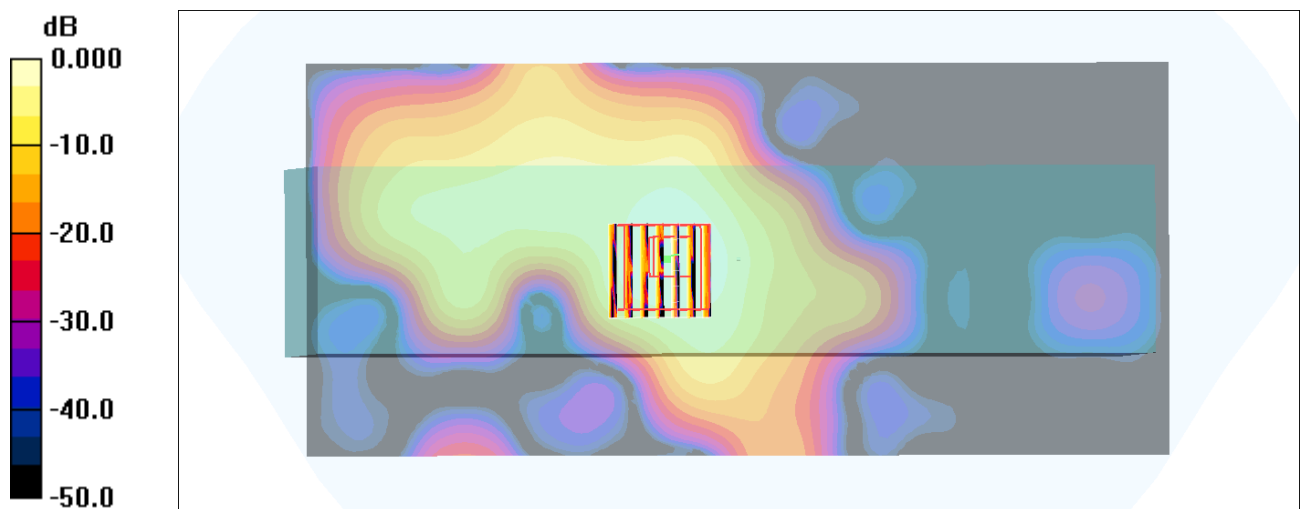
Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.8 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.729 mW/g



0 dB = 0.729mW/g