

SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.409$ S/m; $\epsilon_r = 39.039$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(8.58, 8.58, 8.58); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

Head/Pin=100 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 38.802 V/m; Power Drift = -0.09 dB

Fast SAR: SAR(1 g) = 3.89 W/kg; SAR(10 g) = 2.03 W/kg

Maximum value of SAR (interpolated) = 5.25 W/kg

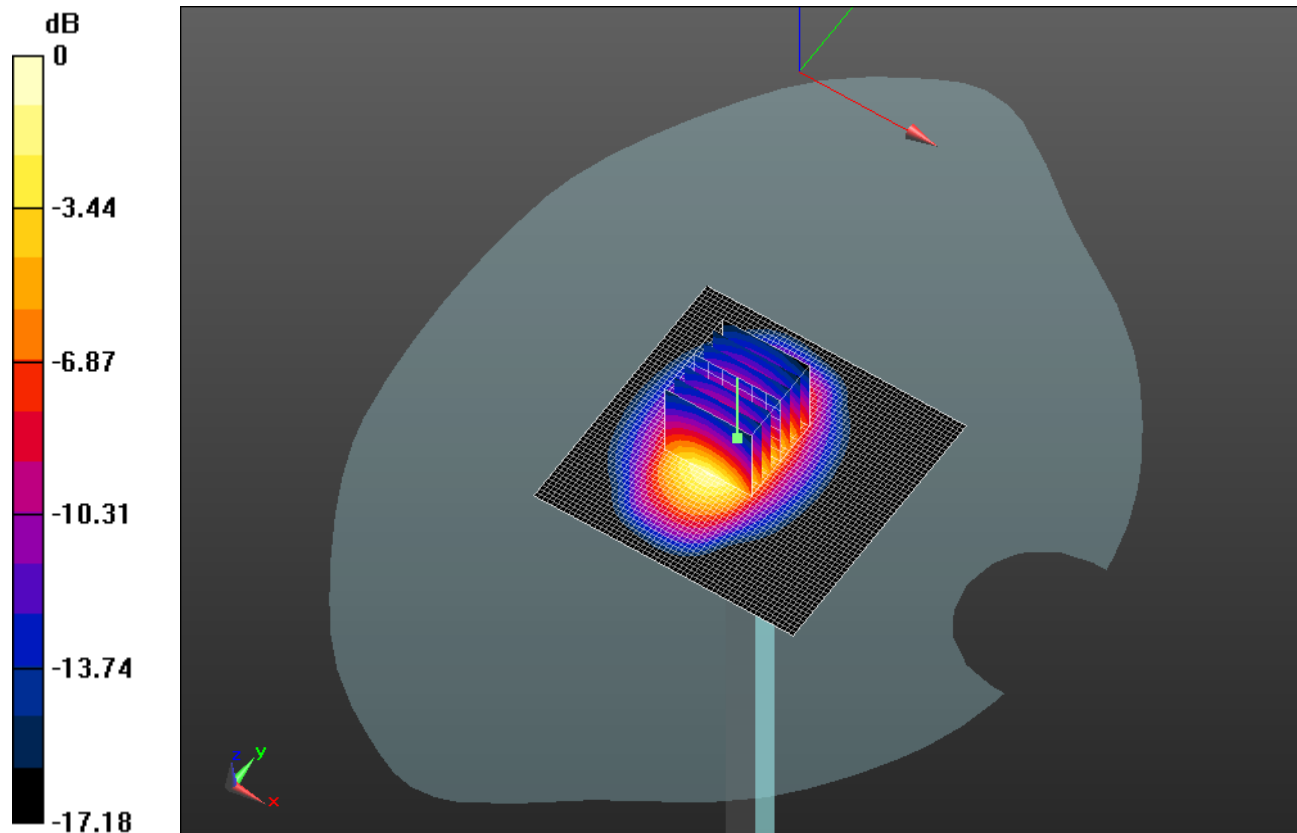
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 38.802 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 6.79 W/kg

SAR(1 g) = 3.74 W/kg; SAR(10 g) = 1.97 W/kg

Maximum value of SAR (measured) = 4.98 W/kg



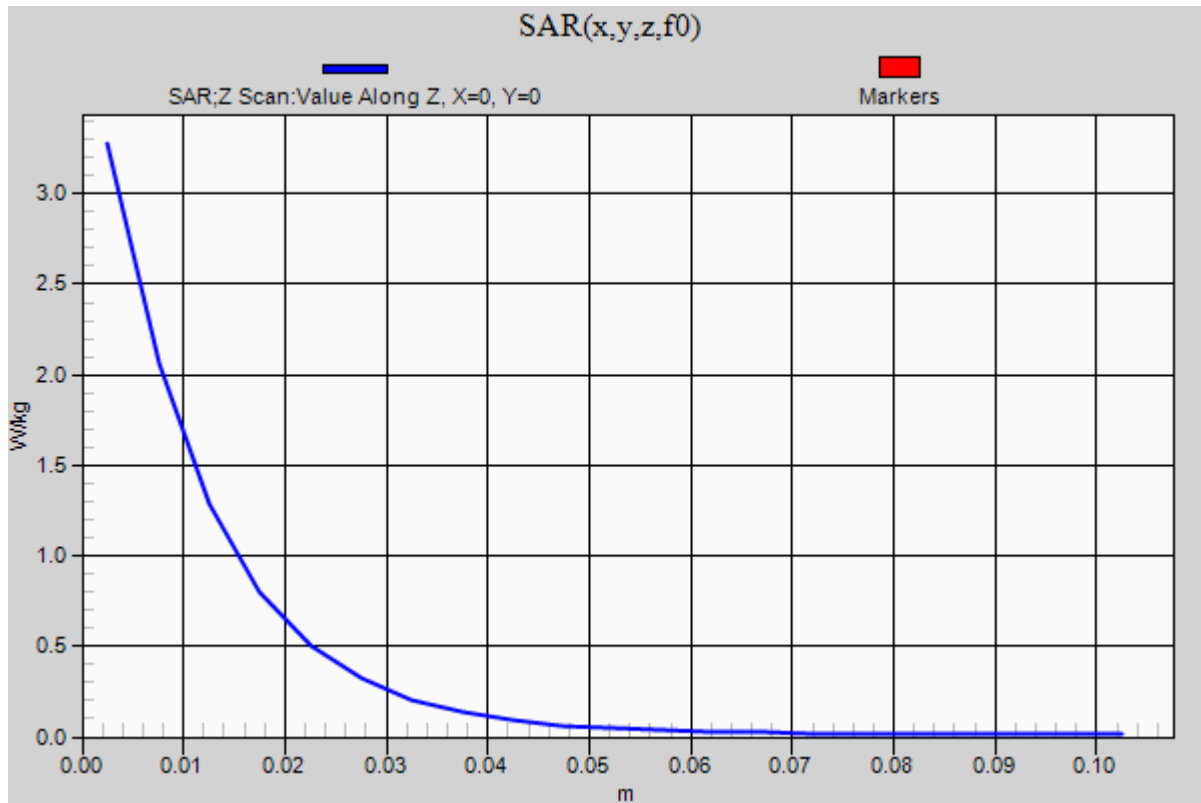
0 dB = 4.98 W/kg = 6.97 dBW/kg

SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1900 MHz; Duty Cycle: 1:1

Head/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 3.28 W/kg



20140730_SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 835$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 39.899$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(10.42, 10.42, 10.42); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

Head/Pin=100 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 33.123 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.621 W/kg

Maximum value of SAR (interpolated) = 1.08 W/kg

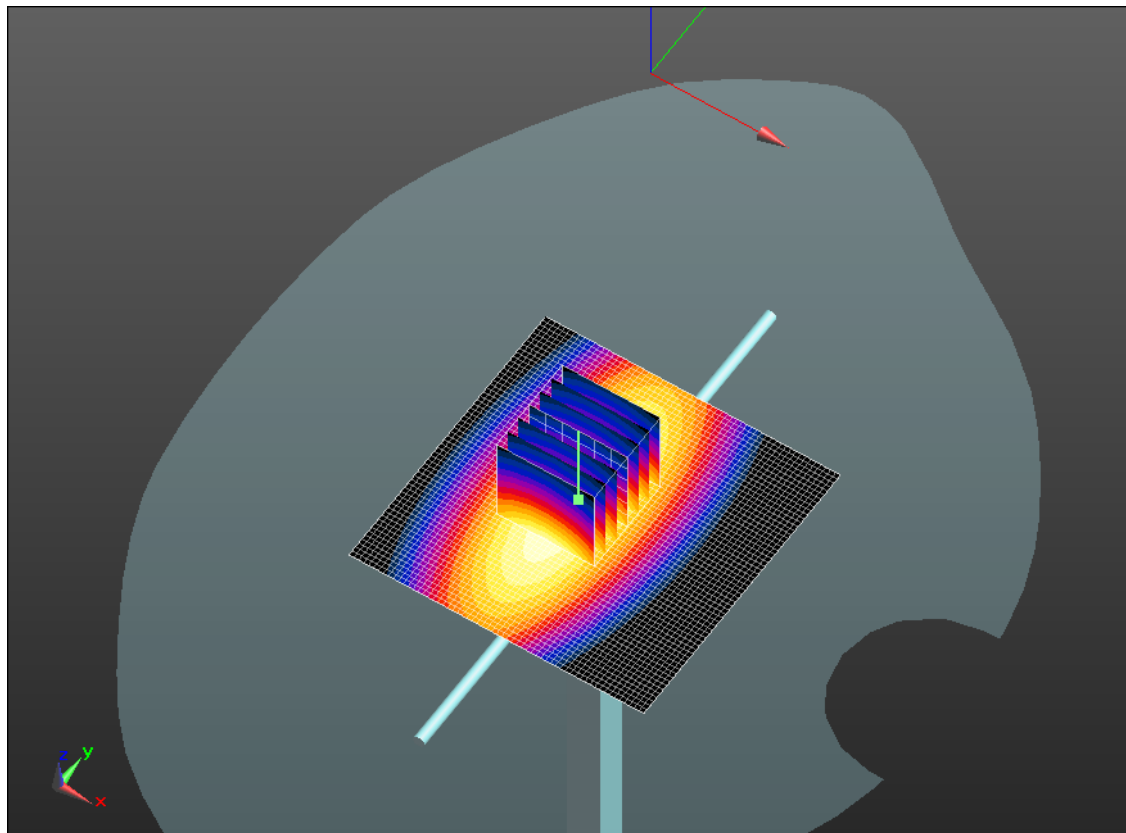
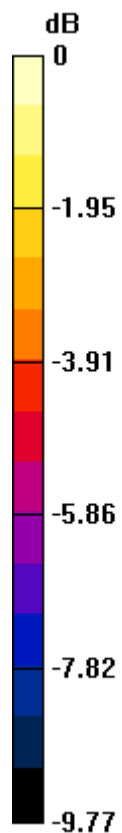
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.123 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.902 W/kg; SAR(10 g) = 0.608 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



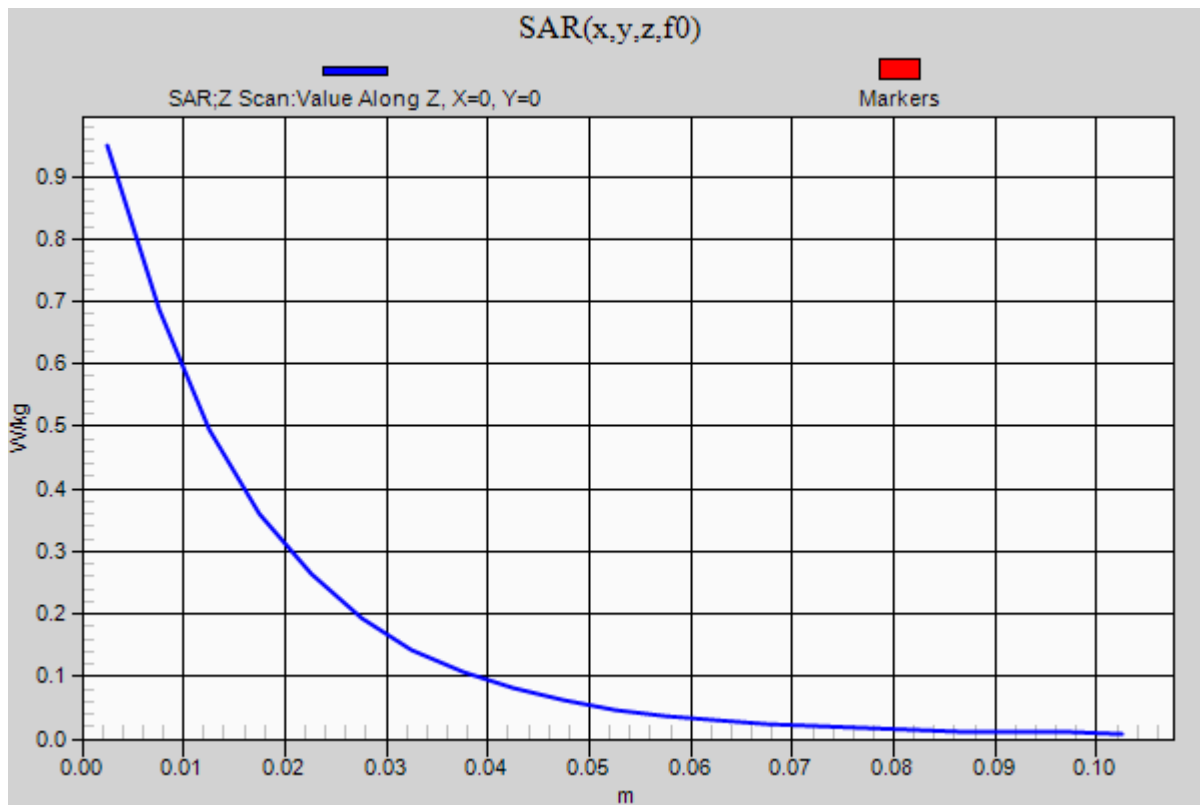
0 dB = 1.08 W/kg = 0.33 dBW/kg

20140730_SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 MHz; Duty Cycle: 1:1

Head/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.949 W/kg



20140812SystemPerformanceCheck-D2450V2 SN 899

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.883$ S/m; $\epsilon_r = 37.762$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(7.68, 7.68, 7.68); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

Head/Pin=100 mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 50.01 V/m; Power Drift = -0.20 dB

Fast SAR: SAR(1 g) = 5.21 W/kg; SAR(10 g) = 2.27 W/kg

Maximum value of SAR (interpolated) = 7.59 W/kg

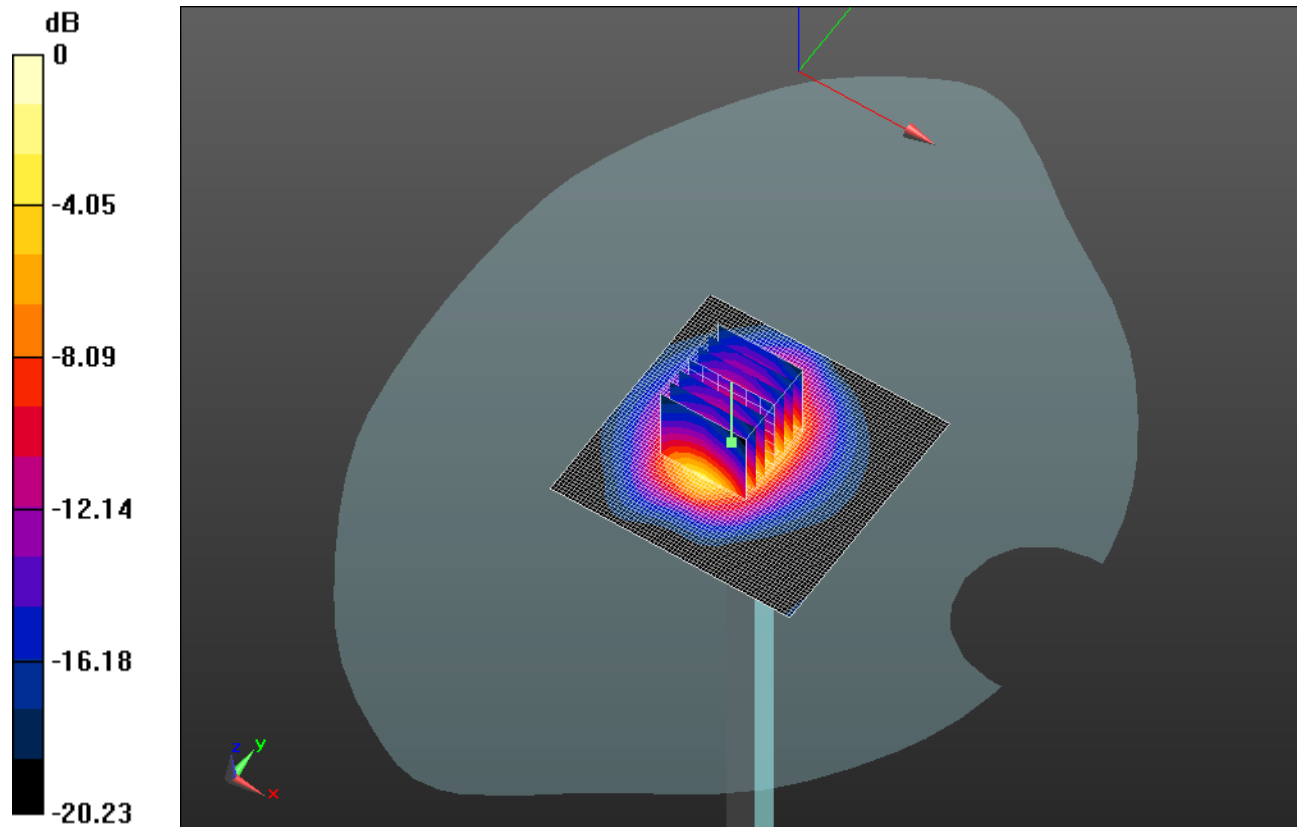
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.01 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 10.0 W/kg

SAR(1 g) = 5.24 W/kg; SAR(10 g) = 2.51 W/kg

Maximum value of SAR (measured) = 7.22 W/kg



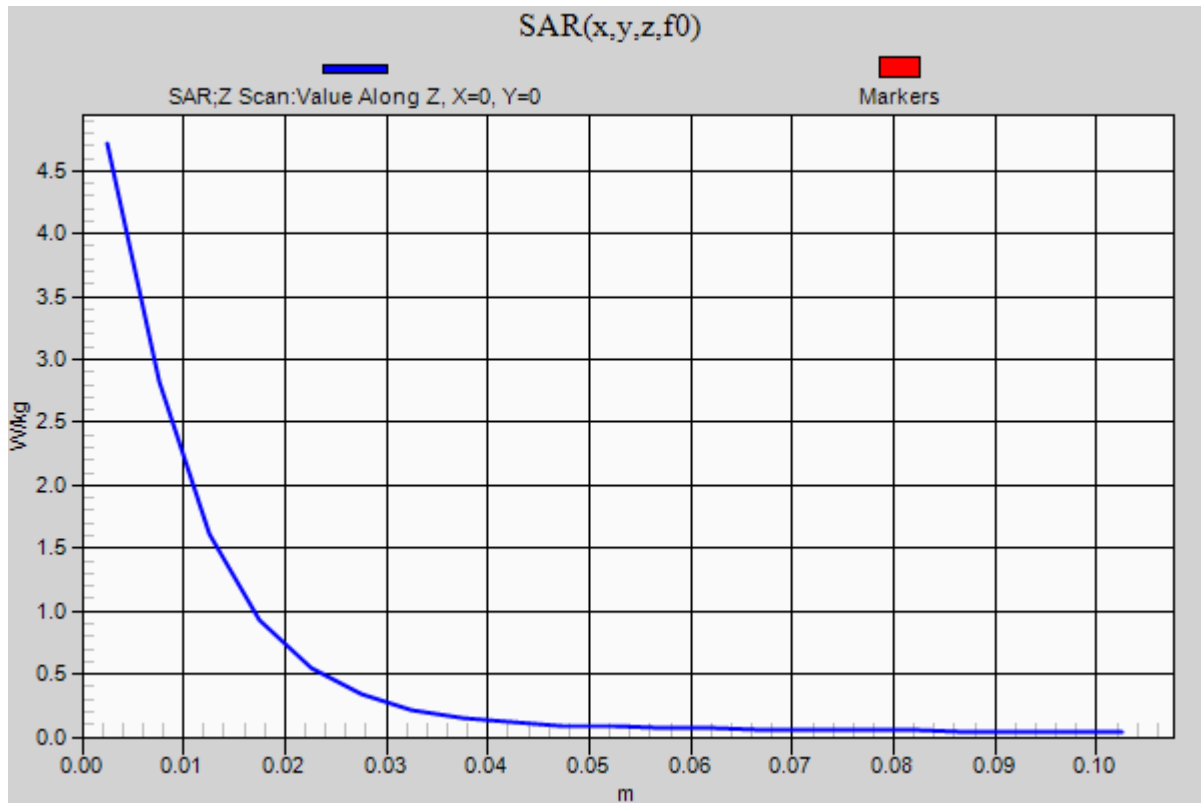
0 dB = 7.22 W/kg = 8.59 dBW/kg

20140812SystemPerformanceCheck-D2450V2 SN 899

Frequency: 2450 MHz; Duty Cycle: 1:1

Head/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 4.71 W/kg



20140813_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5600$ MHz; $\sigma = 4.93$ S/m; $\epsilon_r = 36.083$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(4.35, 4.35, 4.35); Calibrated: 11/21/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

Head/5.6 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 43.986 V/m; Power Drift = -0.16 dB

Fast SAR: SAR(1 g) = 6.5 W/kg; SAR(10 g) = 1.86 W/kg

Maximum value of SAR (interpolated) = 17.4 W/kg

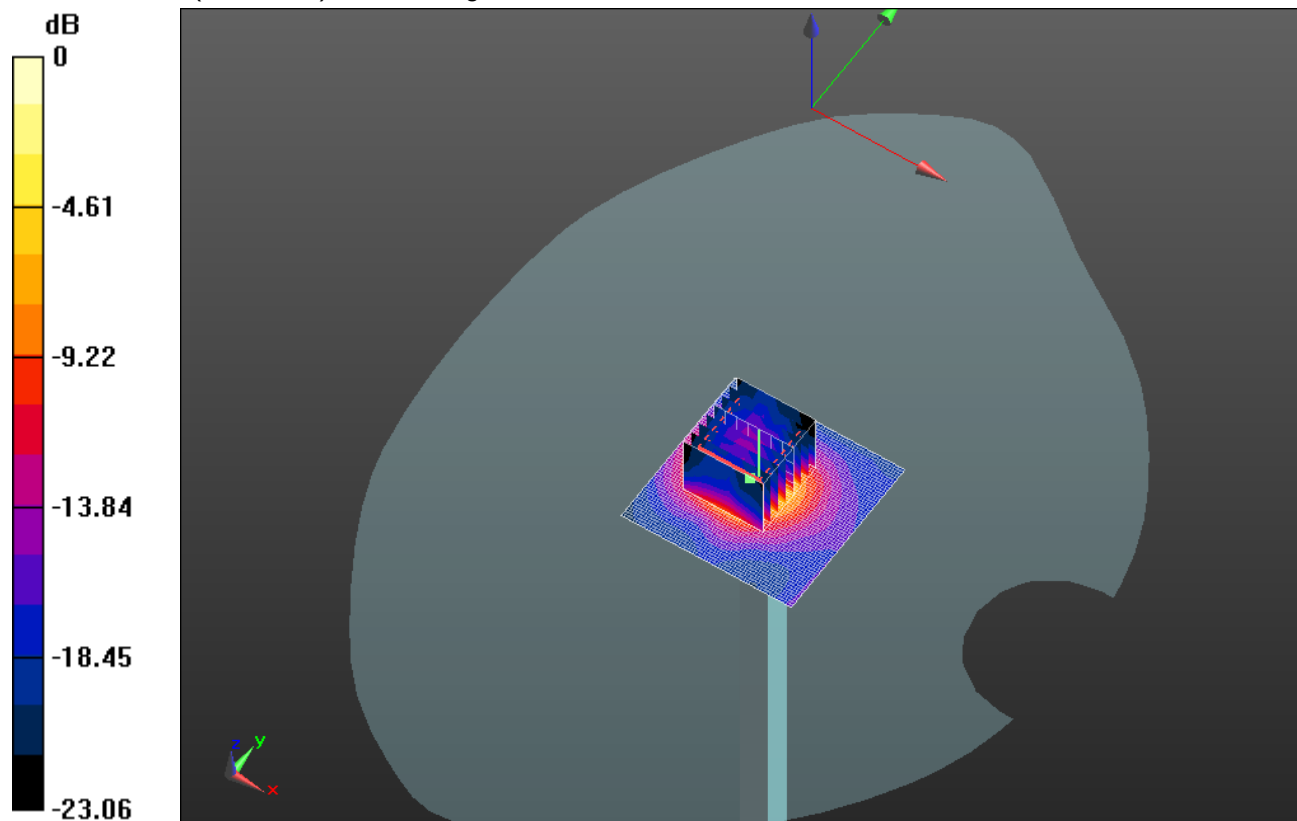
Head/5.6 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 43.986 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 25.5 W/kg

SAR(1 g) = 7.47 W/kg; SAR(10 g) = 2.35 W/kg

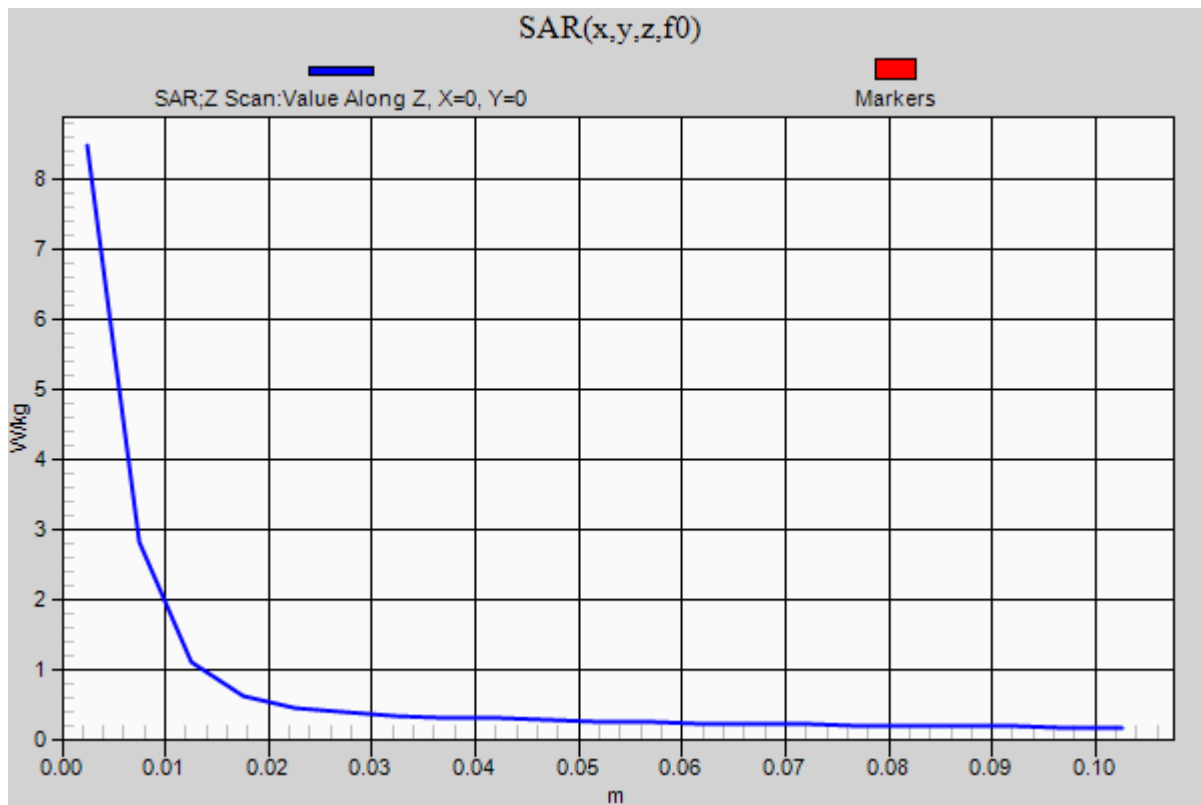
Maximum value of SAR (measured) = 16.4 W/kg



0 dB = 16.4 W/kg = 12.15 dBW/kg

20140813_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5600 MHz; Duty Cycle: 1:1

Head/5.6 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 8.49 W/kg

GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 39.877$; $\rho = 1000$ kg/m³
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(10.42, 10.42, 10.42); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

Flat/Voice_10mm distance_ch 190/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

Flat/Voice_10mm distance_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

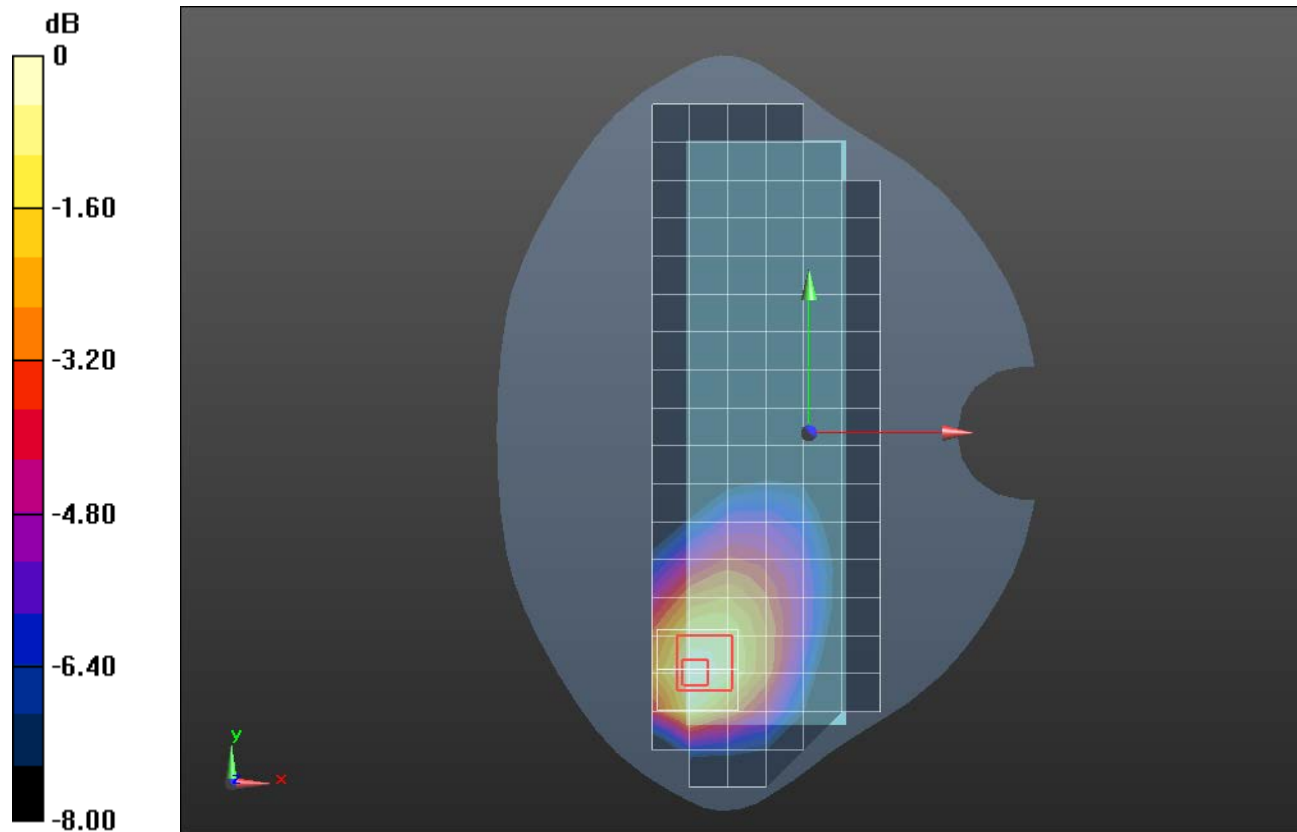
Reference Value = 15.752 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.132 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.218 W/kg



0 dB = 0.218 W/kg = -6.62 dBW/kg

GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:2.60016; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 39.877$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(10.42, 10.42, 10.42); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

Flat/GPRS 3 Slots_10mm distance_ch 190/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.286 W/kg

Flat/GPRS 3 Slots_10mm distance_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

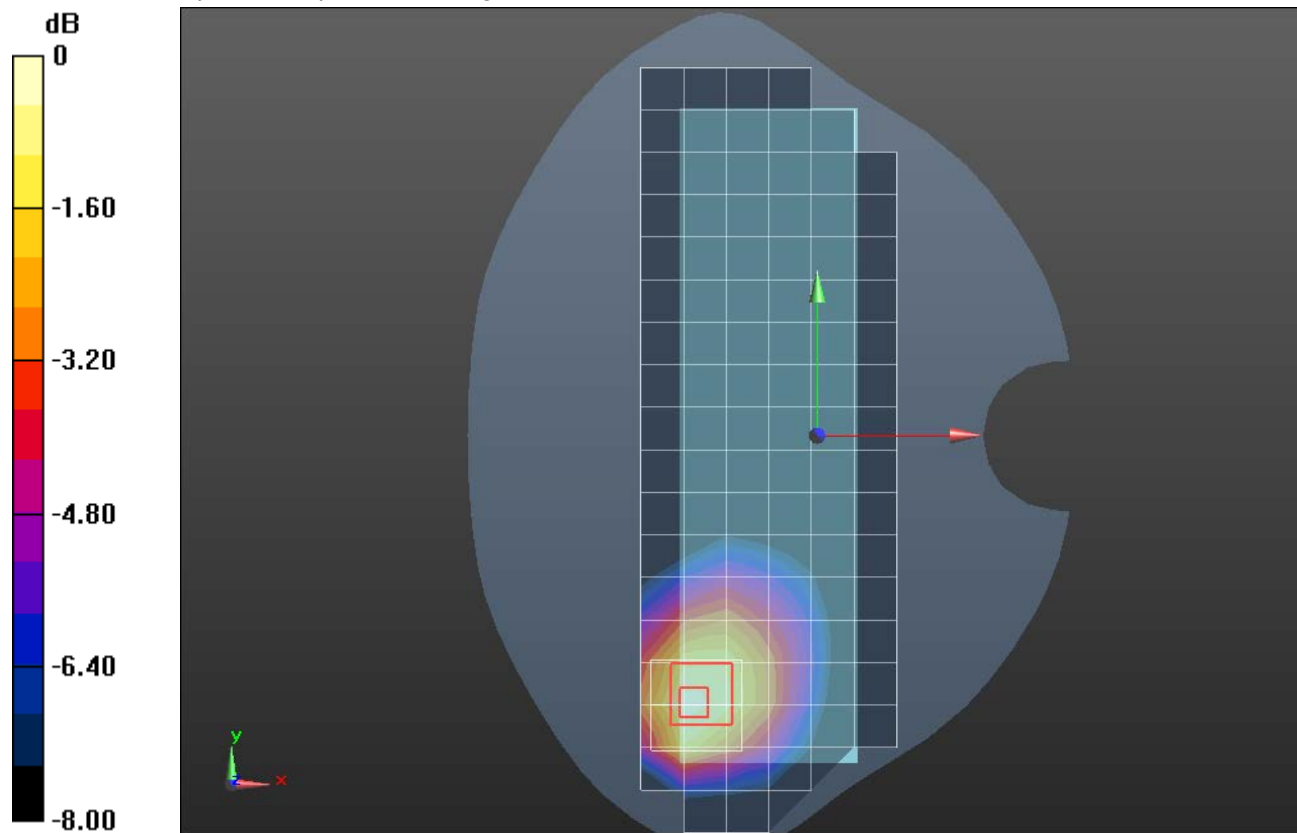
Reference Value = 18.114 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.181 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 0.300 W/kg = -5.23 dBW/kg

GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.991$ S/m; $\epsilon_r = 53.84$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(10.36, 10.36, 10.36); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: S/n:1198

Rear/Voice_ch 190/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.258 W/kg

Rear/Voice_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

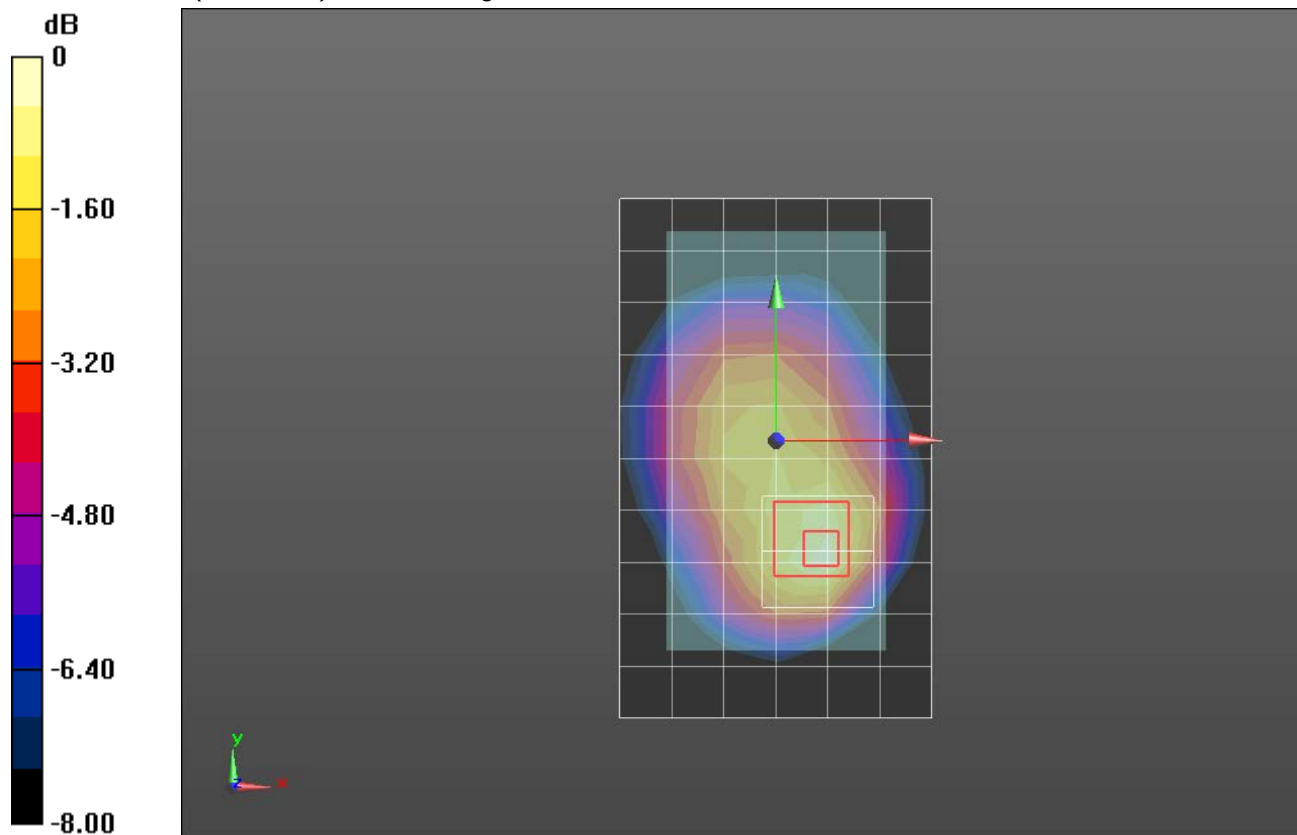
Reference Value = 16.353 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.313 W/kg

SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.152 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.267 W/kg



0 dB = 0.267 W/kg = -5.73 dBW/kg

GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:2.60016; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.991$ S/m; $\epsilon_r = 53.84$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(10.36, 10.36, 10.36); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: S/n:1198

Rear/GPRS 3 slots_ch 190/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.328 W/kg

Rear/GPRS 3 slots_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

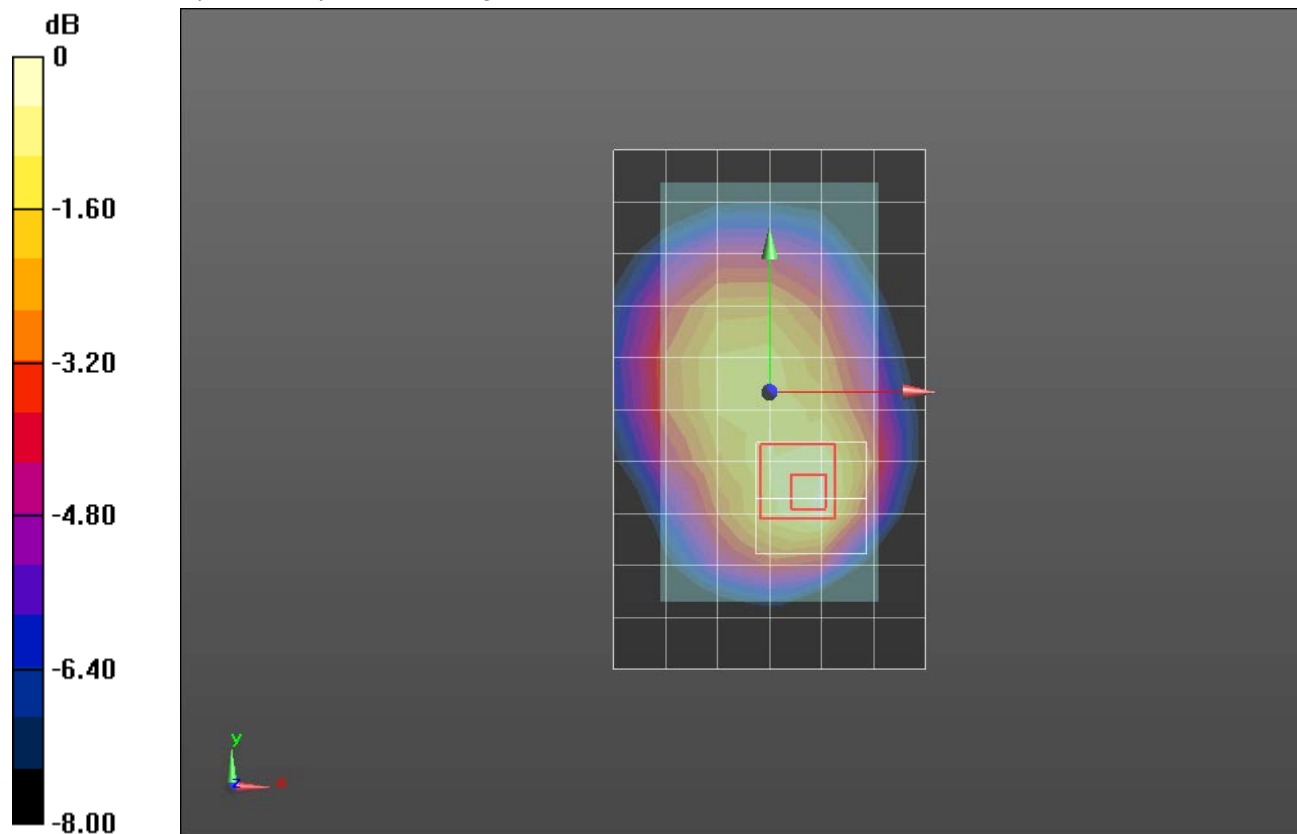
Reference Value = 18.199 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.417 W/kg

SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.208 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 0.359 W/kg = -4.45 dBW/kg

GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.389$ S/m; $\epsilon_r = 39.131$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(8.58, 8.58, 8.58); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

Flat Phantom/Voice_10mm distance_ch 661/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.505 W/kg

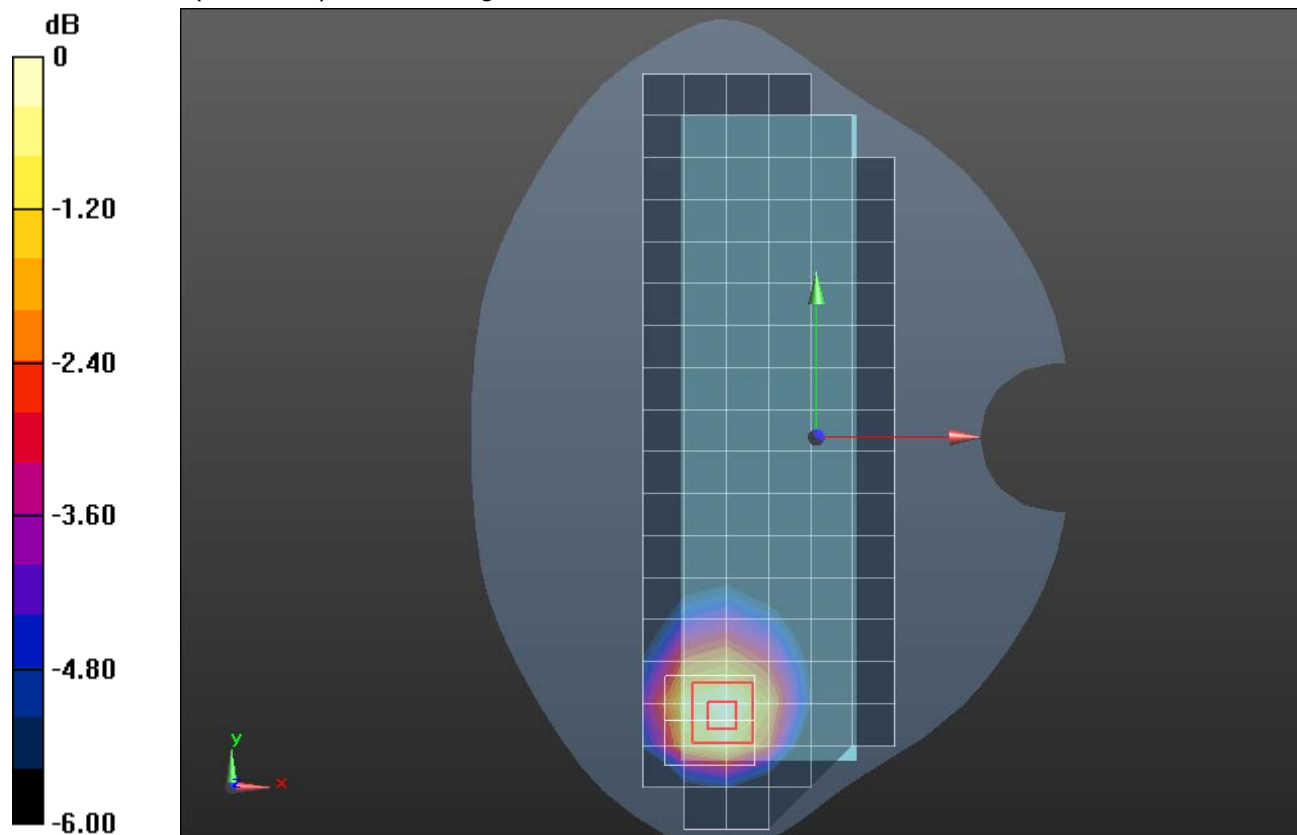
Flat Phantom/Voice_10mm distance_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.902 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.643 W/kg

SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 0.512 W/kg



0 dB = 0.512 W/kg = -2.91 dBW/kg

GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.389$ S/m; $\epsilon_r = 39.131$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(8.58, 8.58, 8.58); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

Flat Phantom/GPRS 2 Slots_10mm distance_ch 661/Area Scan (7x19x1): Measurement grid:

dx=15mm, dy=15mm

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

Flat Phantom/GPRS 2 Slots_10mm distance_ch 661/Zoom Scan (5x5x7)/Cube 0:

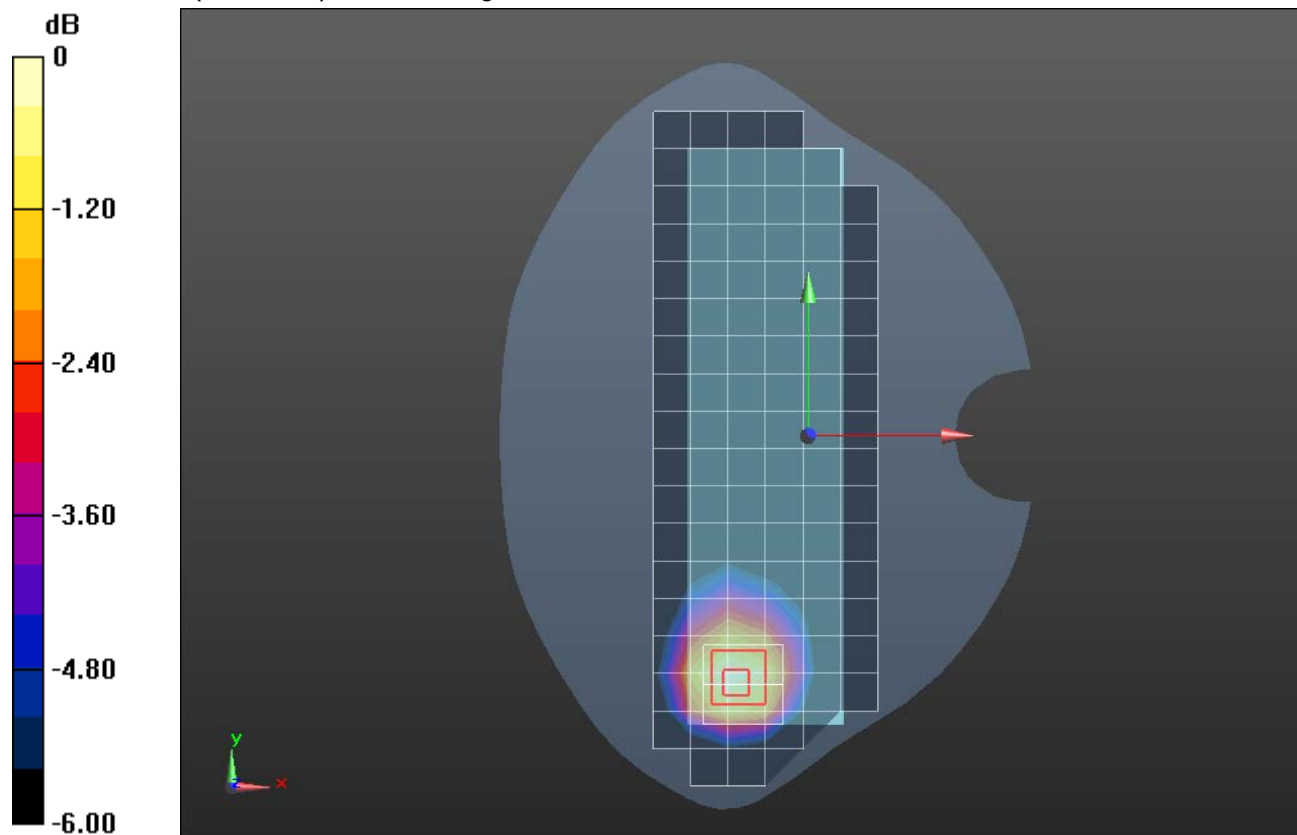
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.480 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.688 W/kg

SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.283 W/kg

Maximum value of SAR (measured) = 0.547 W/kg



0 dB = 0.547 W/kg = -2.62 dBW/kg

GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.491$ S/m; $\epsilon_r = 51.046$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(8.29, 8.29, 8.29); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI B v4.0; Type: QDOVA002AA; Serial: 1196

Rear/Voice_ch 661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.605 W/kg

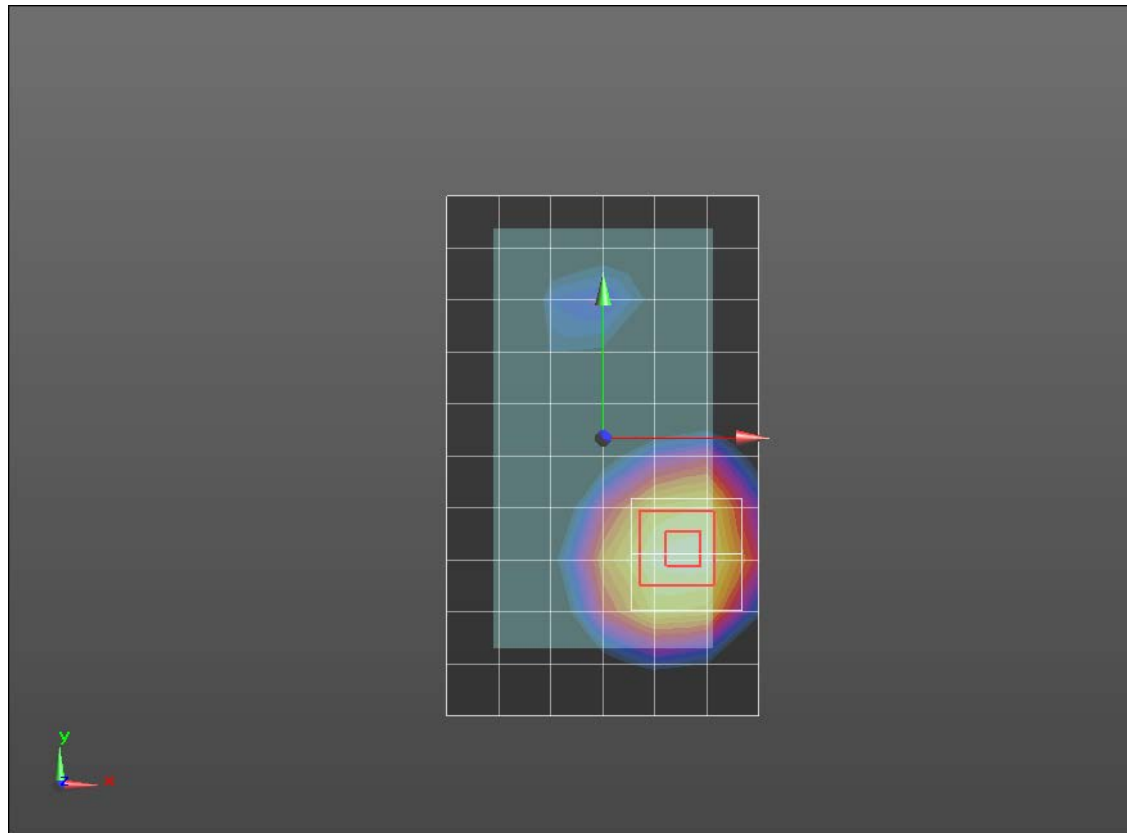
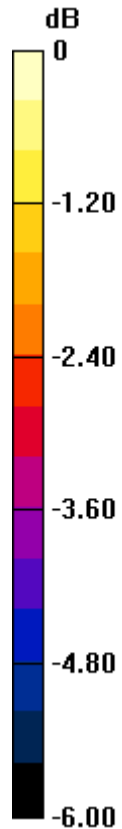
Rear/Voice_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.960 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.766 W/kg

SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.337 W/kg

Maximum value of SAR (measured) = 0.620 W/kg



0 dB = 0.620 W/kg = -2.08 dBW/kg

GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.491$ S/m; $\epsilon_r = 51.046$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(8.29, 8.29, 8.29); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI B v4.0; Type: QDOVA002AA; Serial: 1196

Rear/GPRS 2 slots_ch 661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.672 W/kg

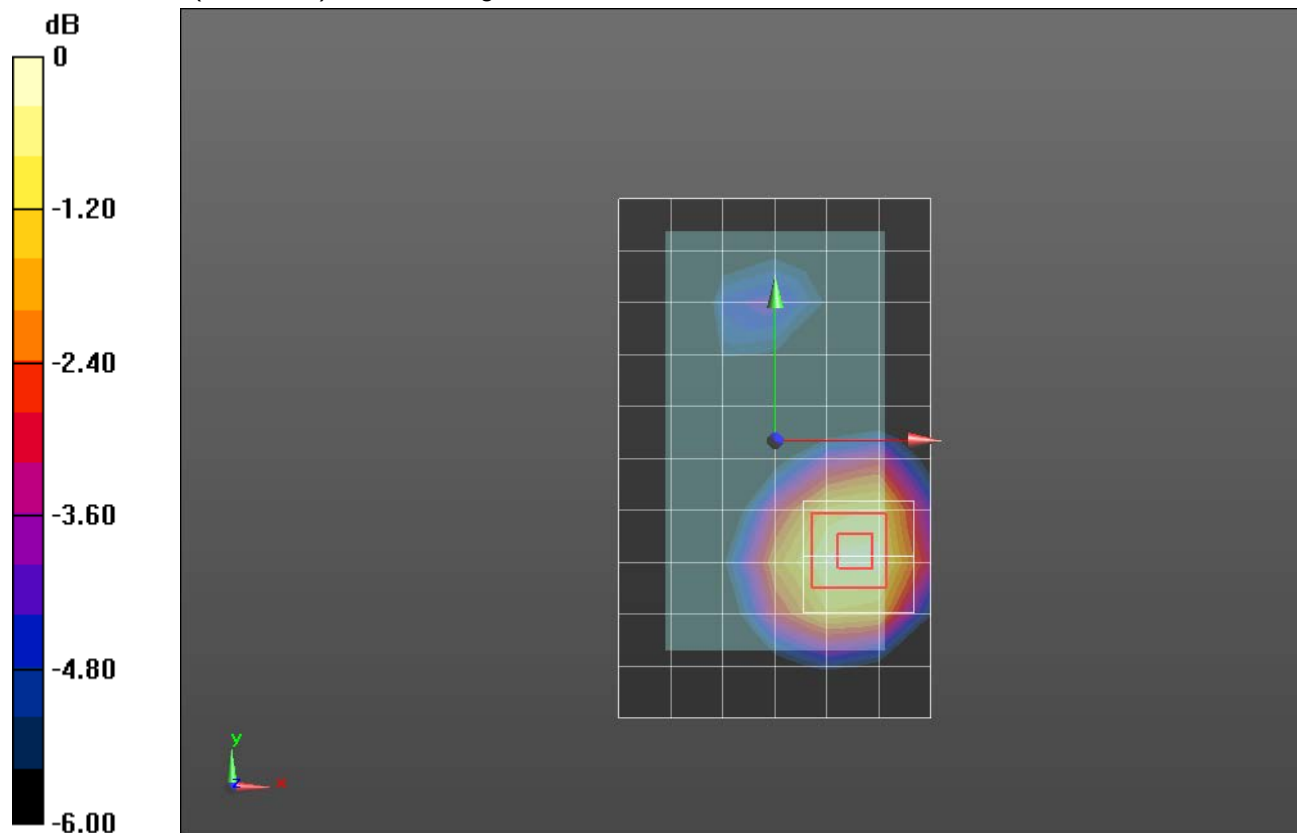
Rear/GPRS 2 slots_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.174 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.871 W/kg

SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.382 W/kg

Maximum value of SAR (measured) = 0.704 W/kg



0 dB = 0.704 W/kg = -1.52 dBW/kg

WCDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 40.77$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(10.42, 10.42, 10.42); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

Flat Phantom/10mm distance_Rel 99_RMC_12.2 kbps_ch 4183/Area Scan (7x19x1):

Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.248 W/kg

Flat Phantom/10mm distance_Rel 99_RMC_12.2 kbps_ch 4183/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

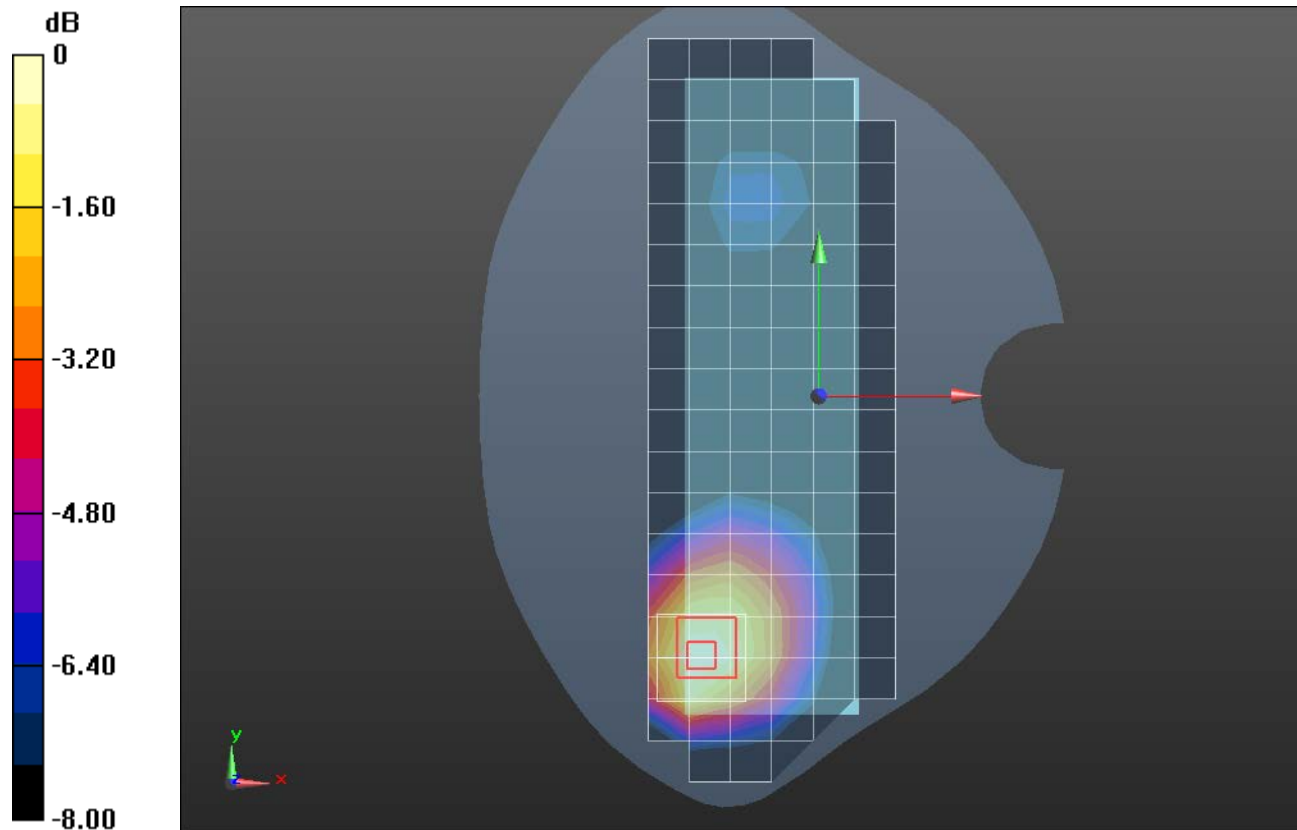
Reference Value = 16.565 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.150 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



WCDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.016$ S/m; $\epsilon_r = 53.011$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(10.36, 10.36, 10.36); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: S/n:1198

Rear/Rel 99_RMC_12.2 kbps_ch 4183/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.214 W/kg

Rear/Rel 99_RMC_12.2 kbps_ch 4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

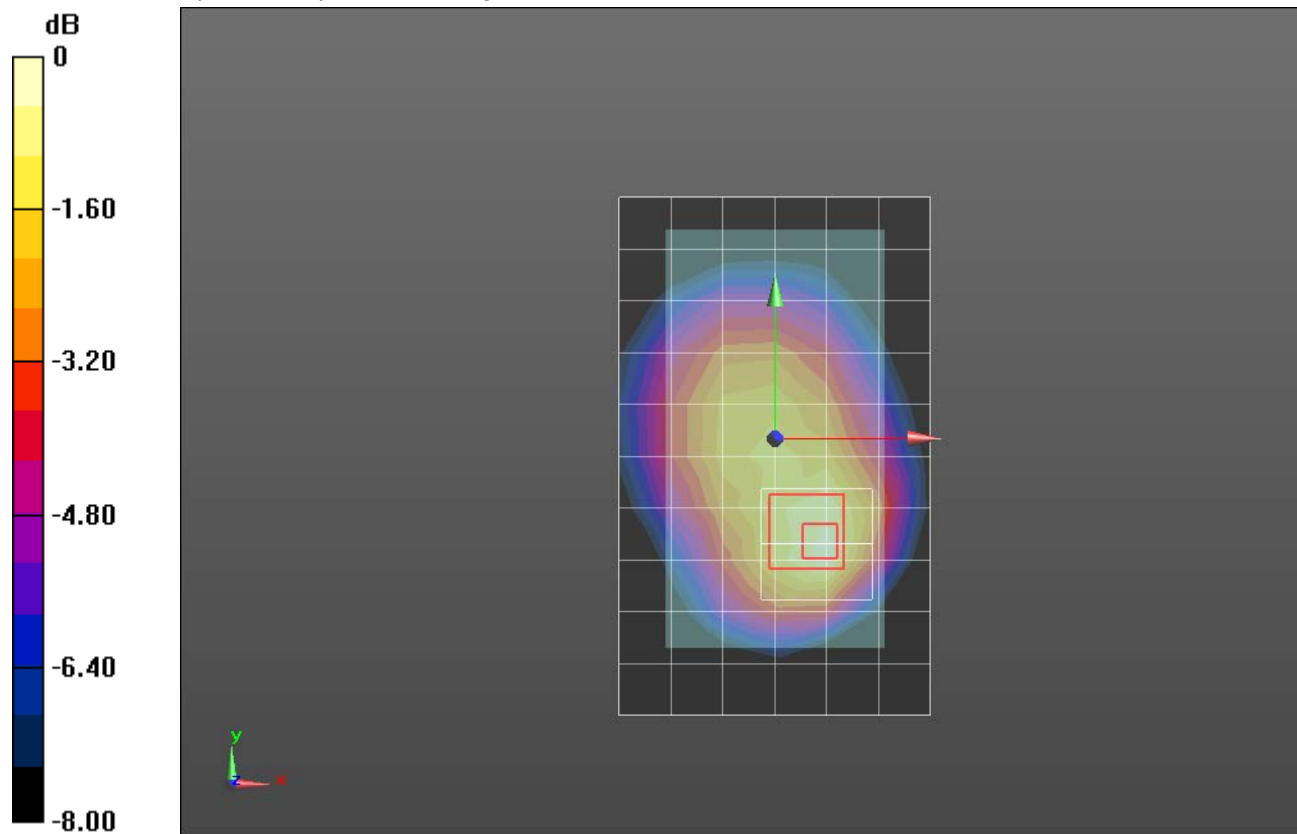
Reference Value = 14.575 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.128 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



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

WCDMA Band II

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.444$ S/m; $\epsilon_r = 39.121$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(8.58, 8.58, 8.58); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

Flat Phantom/10mm distance_Rel 99_RMC_12.2 kbps_ch 9400/Area Scan (7x19x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.672 W/kg

Flat Phantom/10mm distance_Rel 99_RMC_12.2 kbps_ch 9400/Zoom Scan

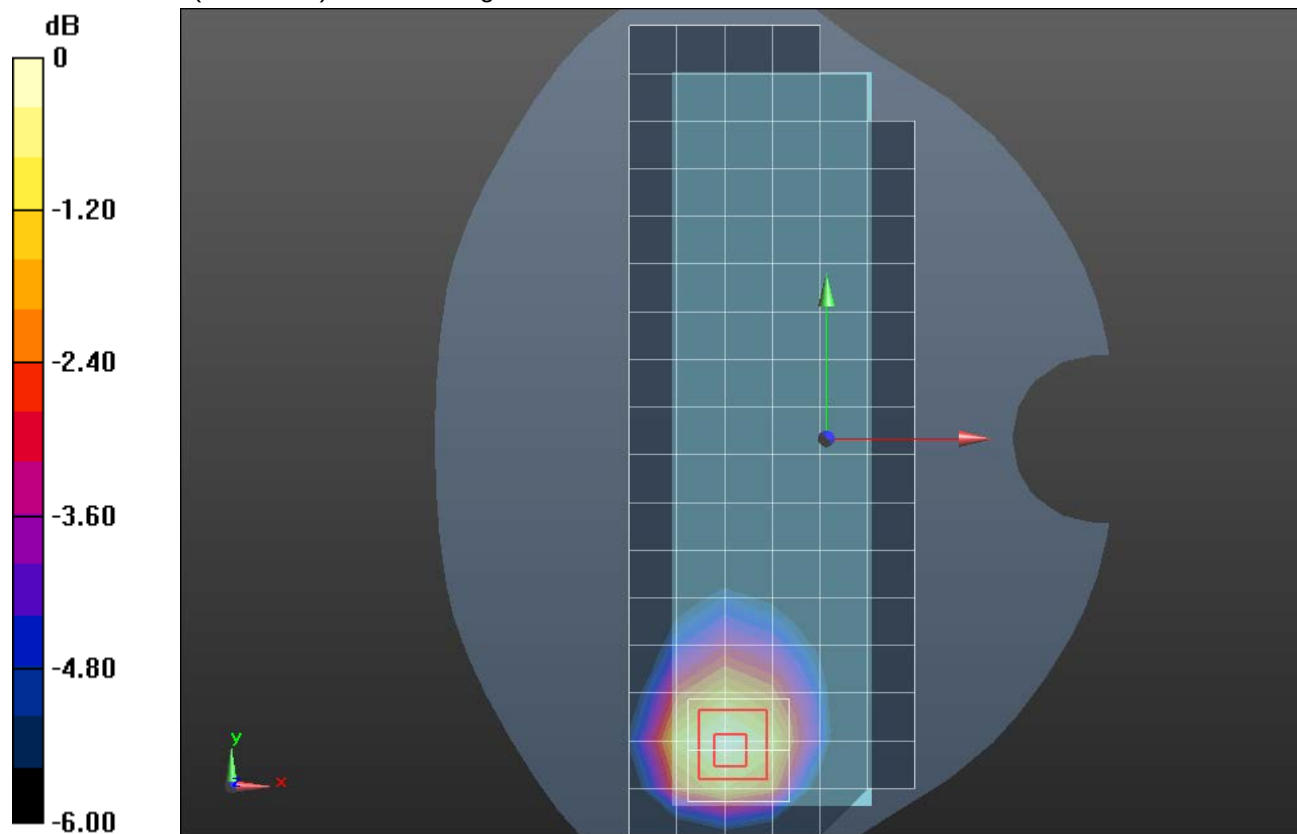
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.349 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.842 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.354 W/kg

Maximum value of SAR (measured) = 0.676 W/kg



0 dB = 0.676 W/kg = -1.70 dBW/kg

WCDMA Band II

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ S/m; $\epsilon_r = 52.129$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(8.29, 8.29, 8.29); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI B v4.0; Type: QDOVA002AA; Serial: 1196

Rear/Rel 99_RMC_12.2 kbps_ch 9400/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.909 W/kg

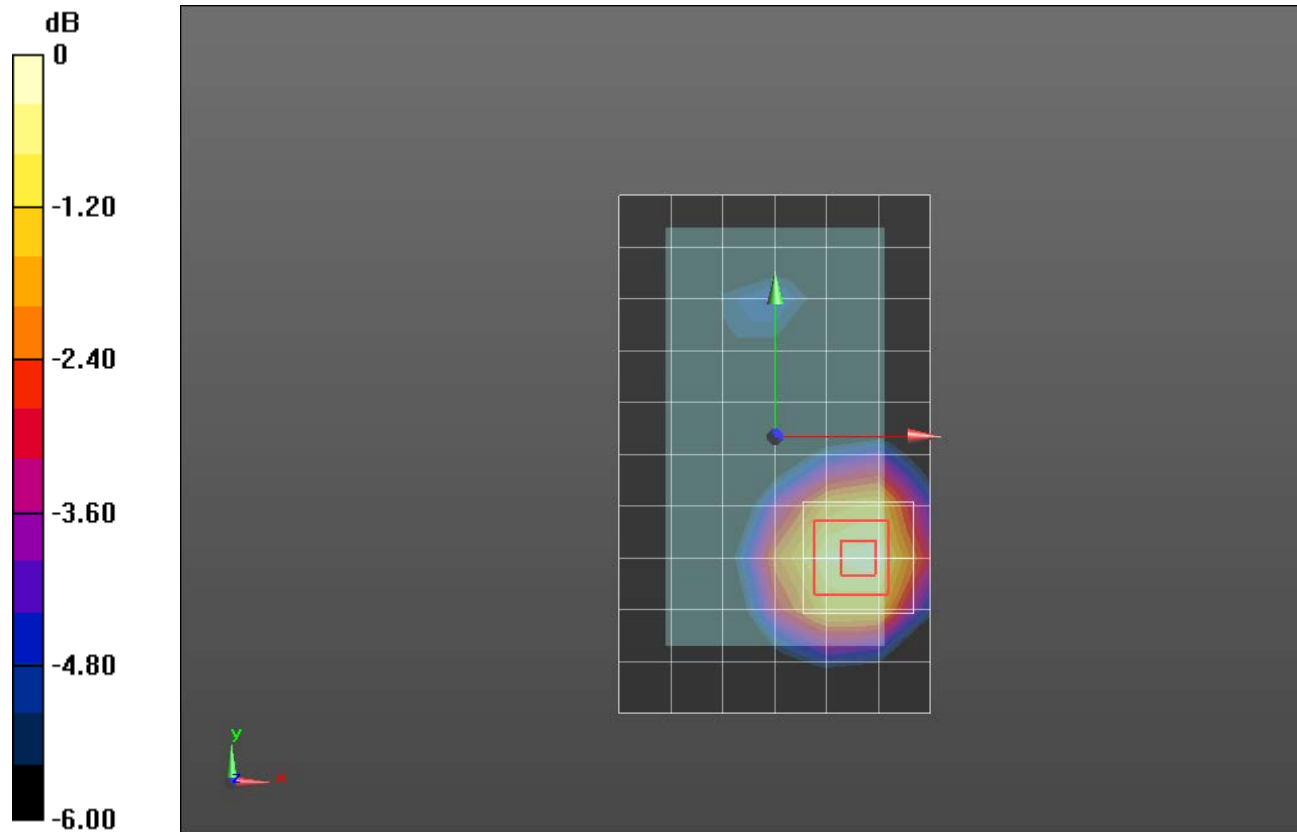
Rear/Rel 99_RMC_12.2 kbps_ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.544 V/m; Power Drift = -0.12 dB0

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.504 W/kg

Maximum value of SAR (measured) = 0.934 W/kg



0 dB = 0.934 W/kg = -0.30 dBW/kg

2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.868$ S/m; $\epsilon_r = 37.815$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(7.68, 7.68, 7.68); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

Flat Phantom/802.11b_ch 6/Area Scan (9x22x1): Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0111 W/kg

Flat Phantom/802.11b_ch 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.375 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0160 W/kg

SAR(1 g) = 0.00946 W/kg; SAR(10 g) = 0.00584 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0119 W/kg

Flat Phantom/802.11b_ch 6/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

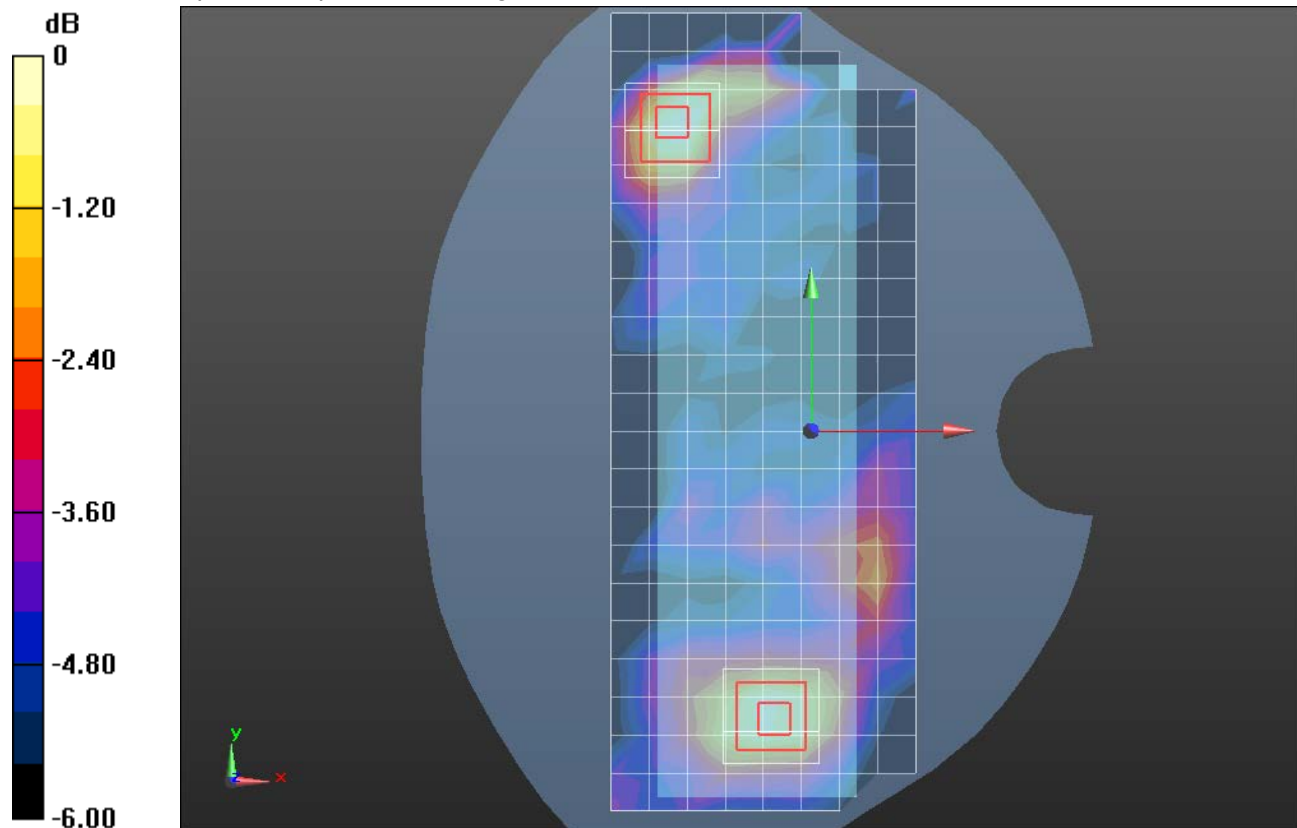
Reference Value = 2.375 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0120 W/kg

SAR(1 g) = 0.00868 W/kg; SAR(10 g) = 0.00577 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0106 W/kg



0 dB = 0.0106 W/kg = -19.75 dBW/kg

2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.993$ S/m; $\epsilon_r = 50.486$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI B v4.0; Type: QDOVA002AA; Serial: 1196

Rear/802.11b_ch 6/Area Scan (9x14x1): Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.270 W/kg

Rear/802.11b_ch 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

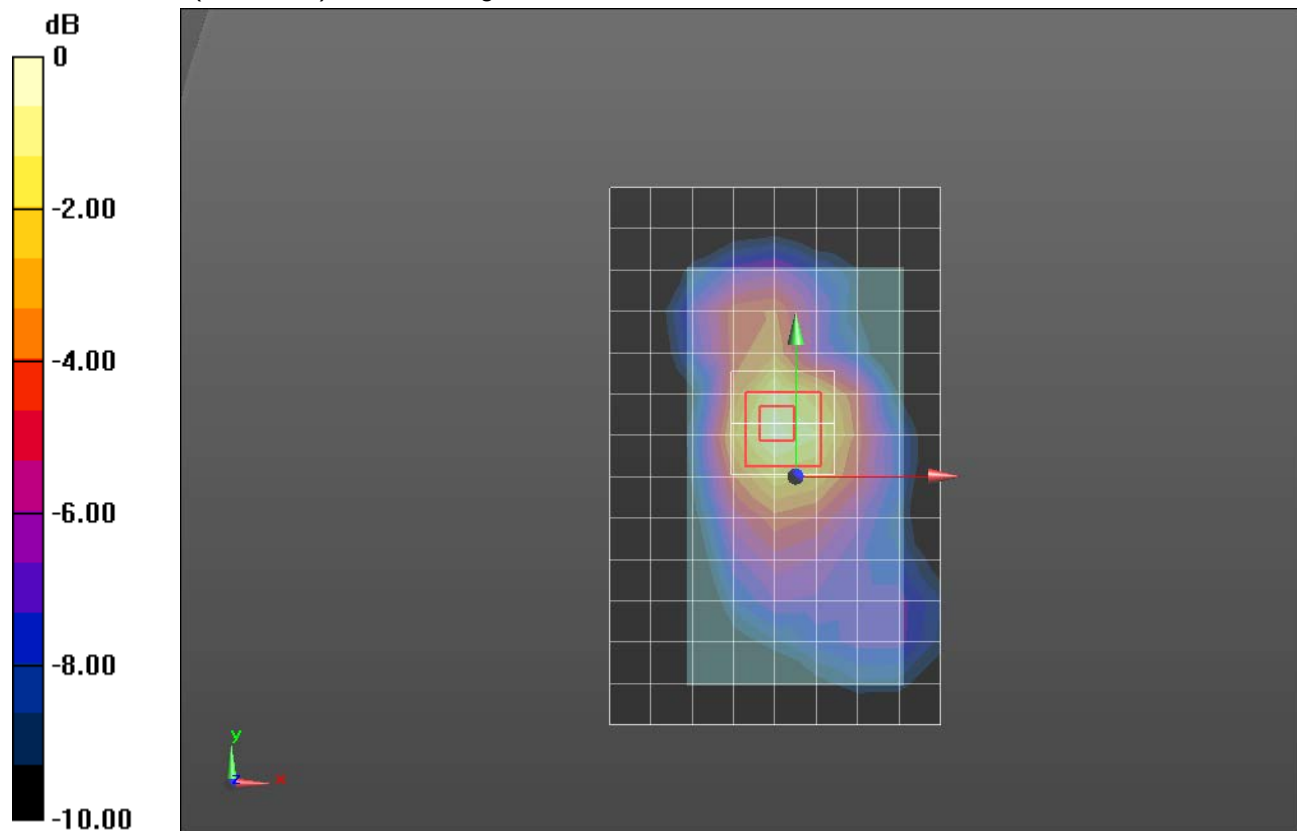
Reference Value = 11.825 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.377 W/kg

SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.129 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.289 W/kg



0 dB = 0.289 W/kg = -5.39 dBW/kg

5 GHz

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5180$ MHz; $\sigma = 4.704$ S/m; $\epsilon_r = 36.843$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(5.16, 5.16, 5.16); Calibrated: 11/21/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Tilt_802.11a_Ch 36/Area Scan (10x26x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0379 W/kg

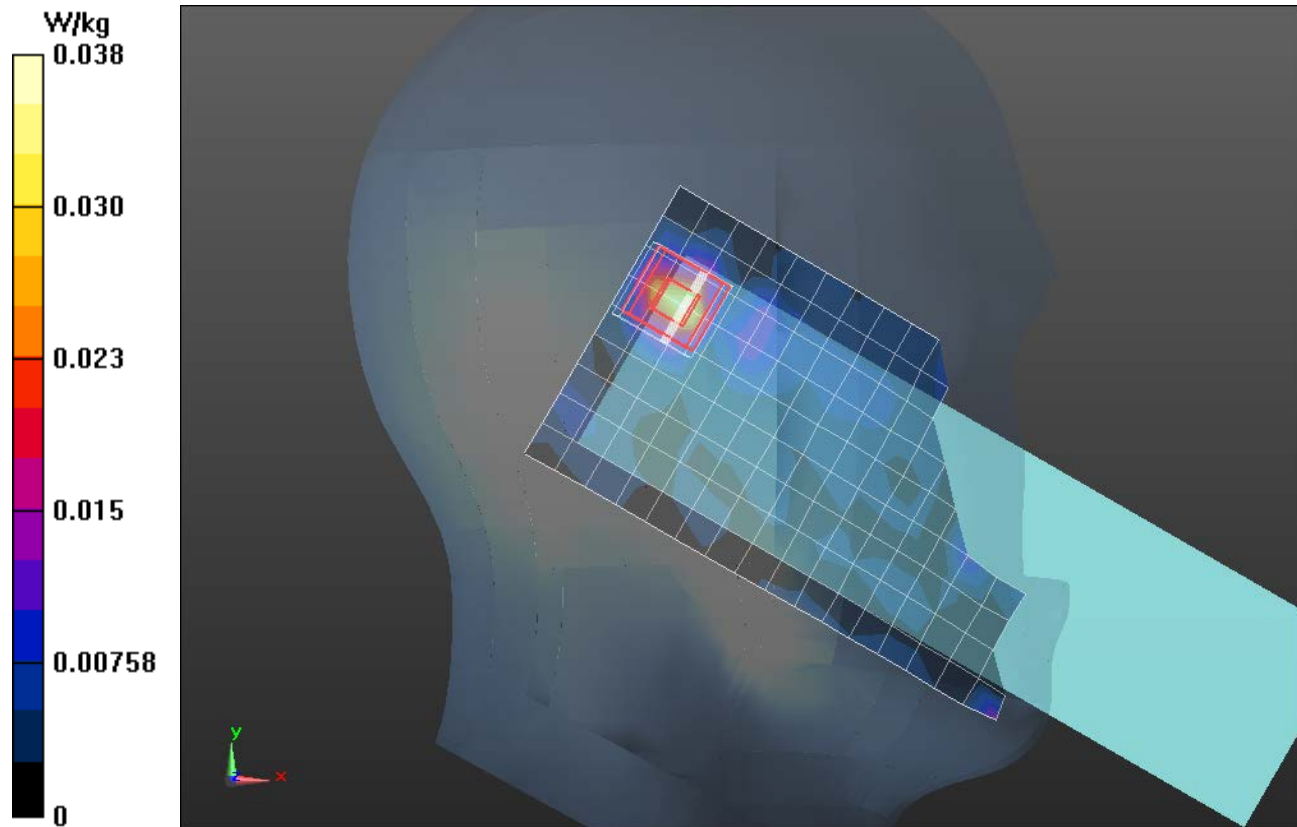
LHS/Tilt_802.11a_Ch 36/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.843 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.00768 W/kg

Maximum value of SAR (measured) = 0.0565 W/kg



5 GHz

Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.439$ S/m; $\epsilon_r = 47.892$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(4.35, 4.35, 4.35); Calibrated: 11/21/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: S/n:1198

Rear/802.11a_Ch 48/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

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

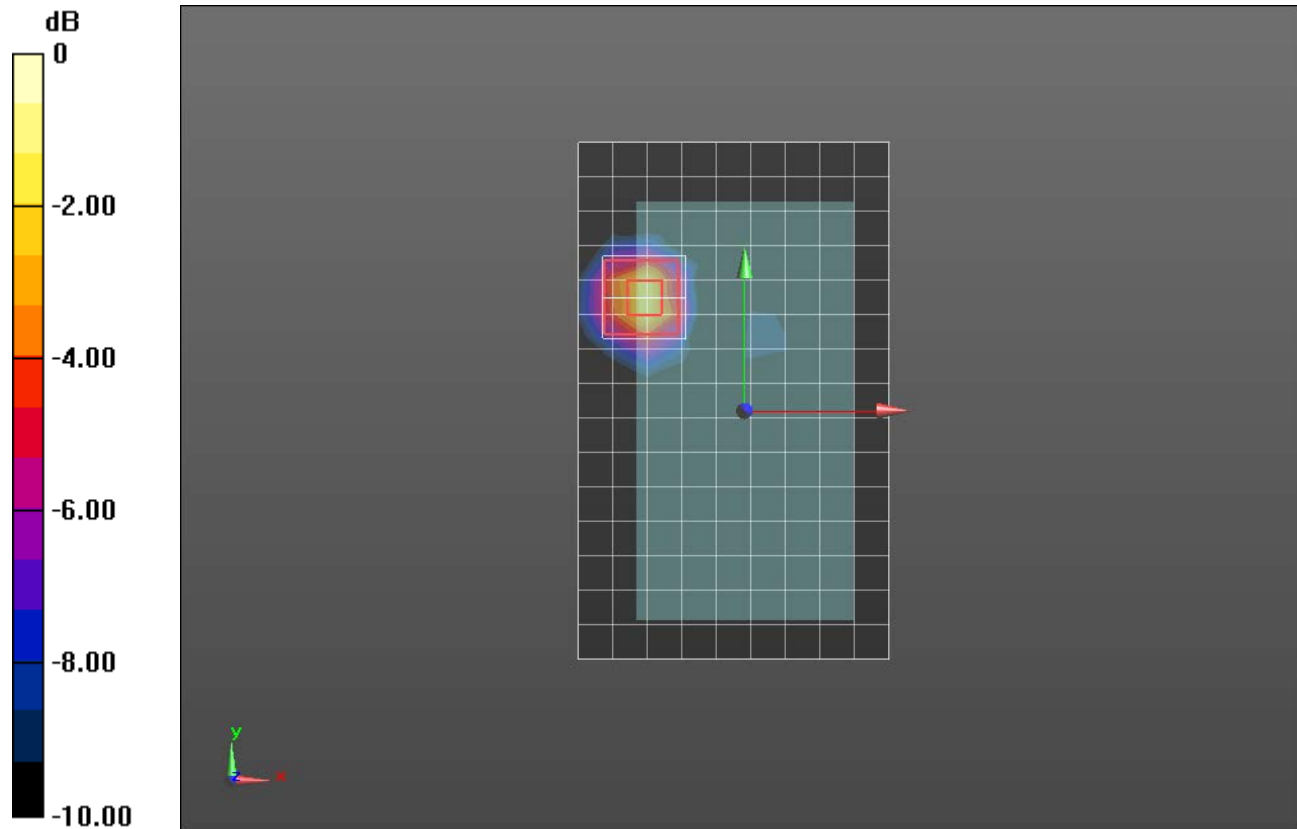
Rear/802.11a_Ch 48/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.783 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.87 W/kg

SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.296 W/kg

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



0 dB = 1.74 W/kg = 2.41 dBW/kg

5 GHz

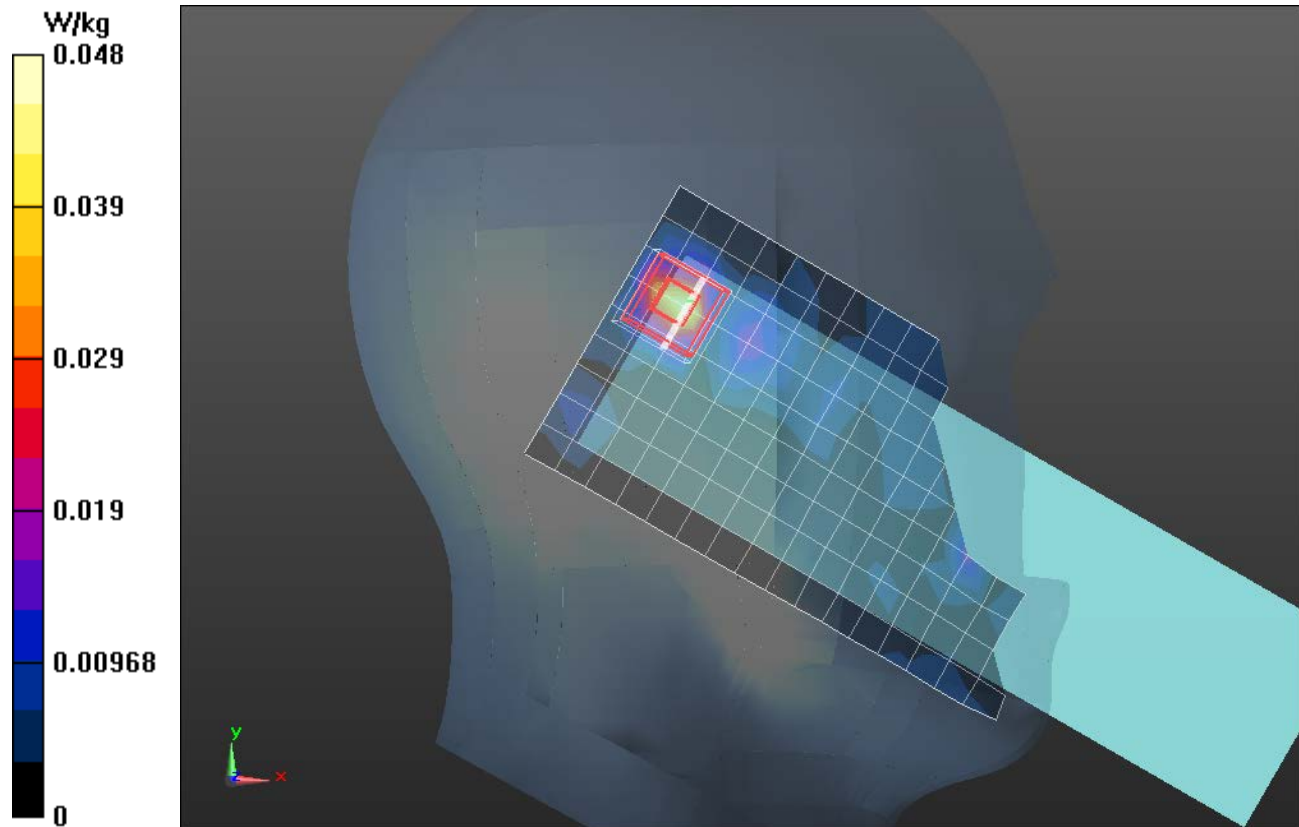
Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5260$ MHz; $\sigma = 4.788$ S/m; $\epsilon_r = 36.712$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(4.9, 4.9, 4.9); Calibrated: 11/21/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Tilt_802.11a_Ch 52/Area Scan (10x26x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0484 W/kg

LHS/Tilt_802.11a_Ch 52/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.298 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.128 W/kg
SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.00996 W/kg
Maximum value of SAR (measured) = 0.0714 W/kg



5 GHz

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.473$ S/m; $\epsilon_r = 47.89$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(4.2, 4.2, 4.2); Calibrated: 11/21/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: S/n:1198

Rear/802.11a_Ch 52/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.80 W/kg

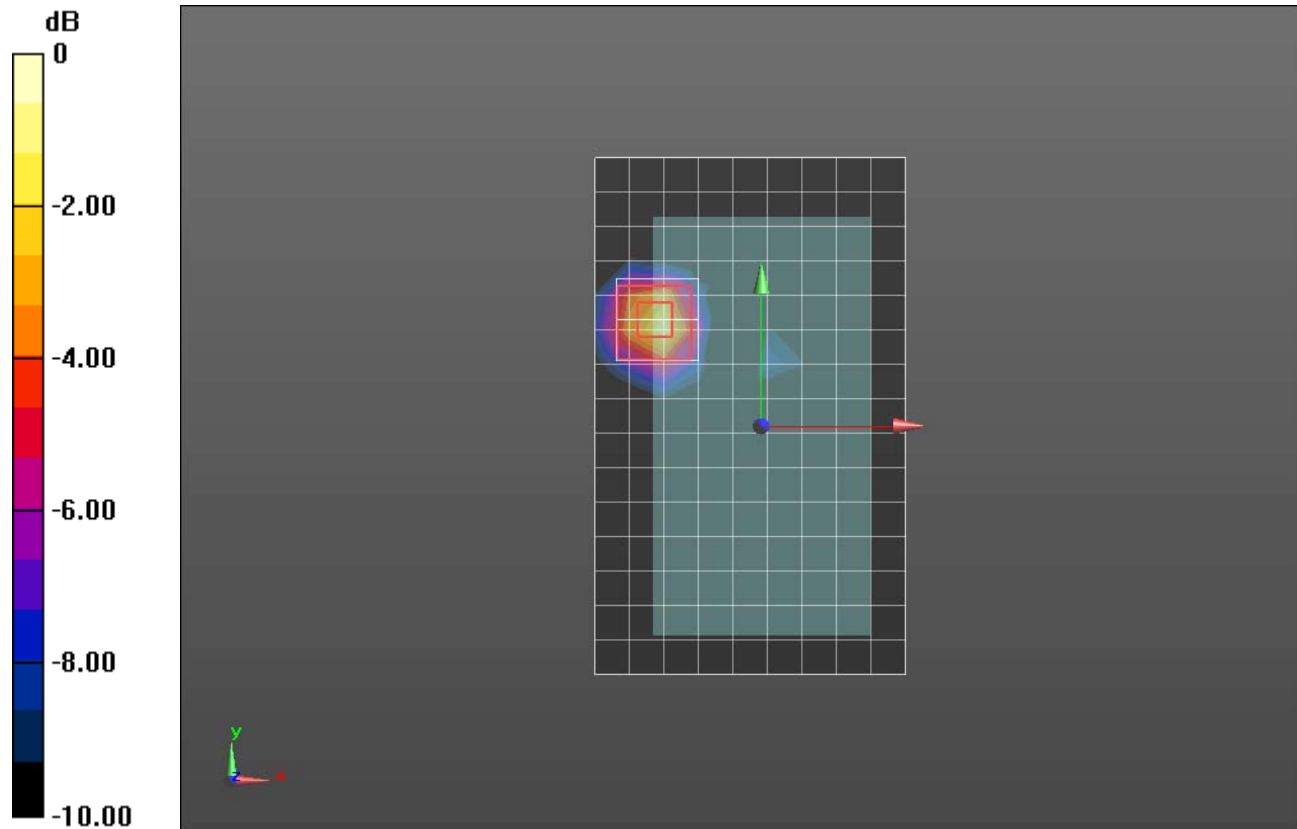
Rear/802.11a_Ch 52/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.181 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 3.59 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.355 W/kg

Maximum value of SAR (measured) = 2.09 W/kg



0 dB = 2.09 W/kg = 3.20 dBW/kg

5 GHz

Frequency: 5660 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5660$ MHz; $\sigma = 5.204$ S/m; $\epsilon_r = 36.155$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(4.35, 4.35, 4.35); Calibrated: 11/21/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Tilt_802.11a_Ch 132/Area Scan (10x26x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0178 W/kg

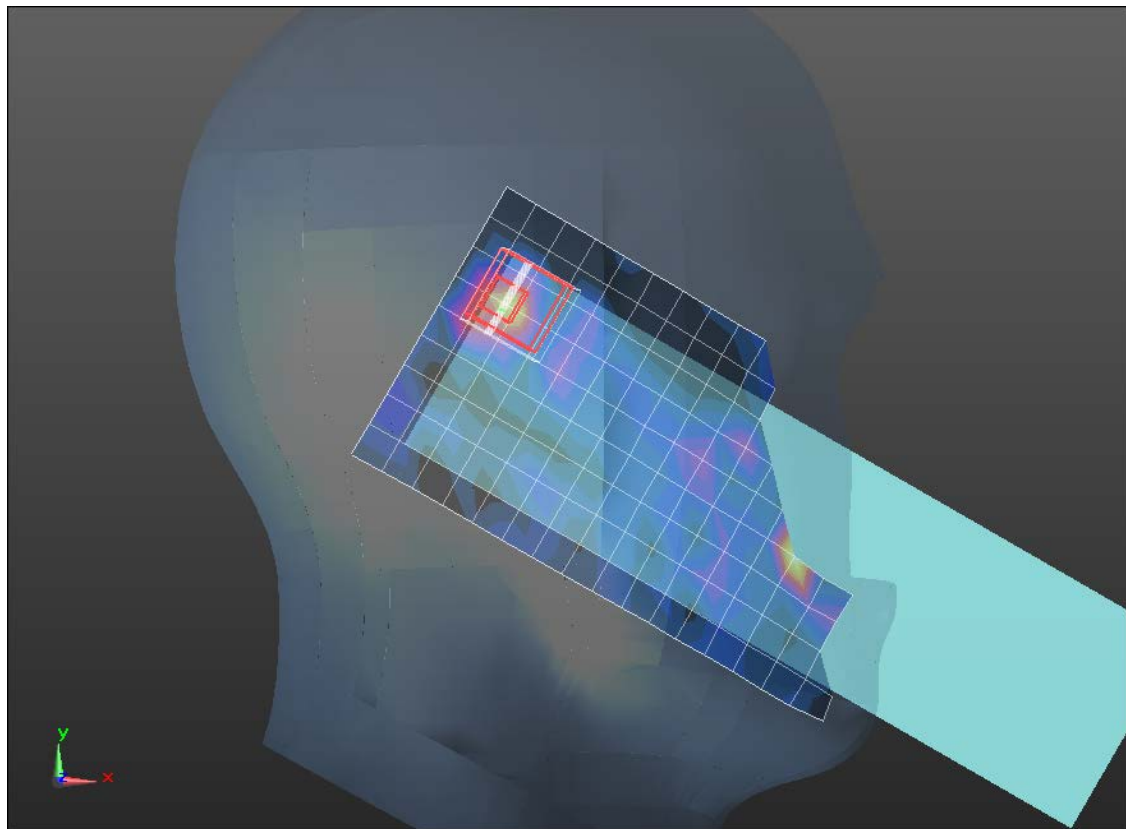
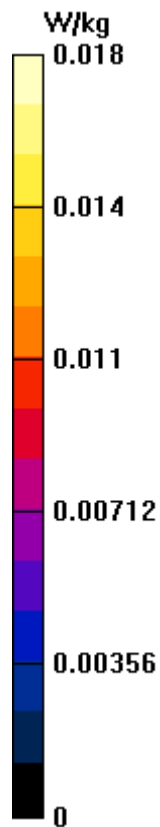
LHS/Tilt_802.11a_Ch 132/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.201 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.00671 W/kg

Maximum value of SAR (measured) = 0.0543 W/kg



5 GHz

Frequency: 5660 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5660$ MHz; $\sigma = 6$ S/m; $\epsilon_r = 47.196$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(3.71, 3.71, 3.71); Calibrated: 11/21/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: S/n:1198

Rear/802.11a_Ch 132/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

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

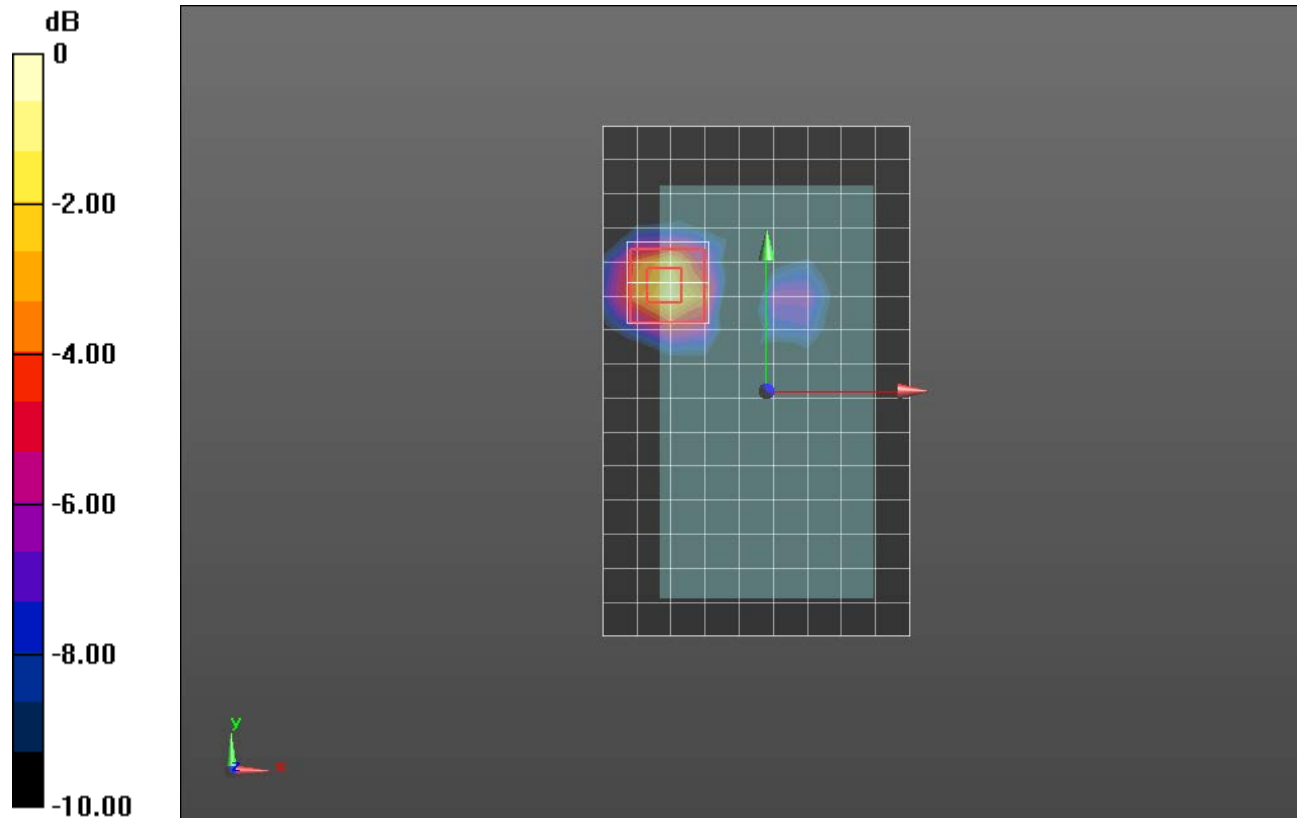
Rear/802.11a_Ch 132/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.548 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.234 W/kg

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

5 GHz

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5825$ MHz; $\sigma = 5.156$ S/m; $\epsilon_r = 35.789$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(4.3, 4.3, 4.3); Calibrated: 11/21/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Tilt_DTS_802.11a_Ch 165/Area Scan (10x26x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0562 W/kg

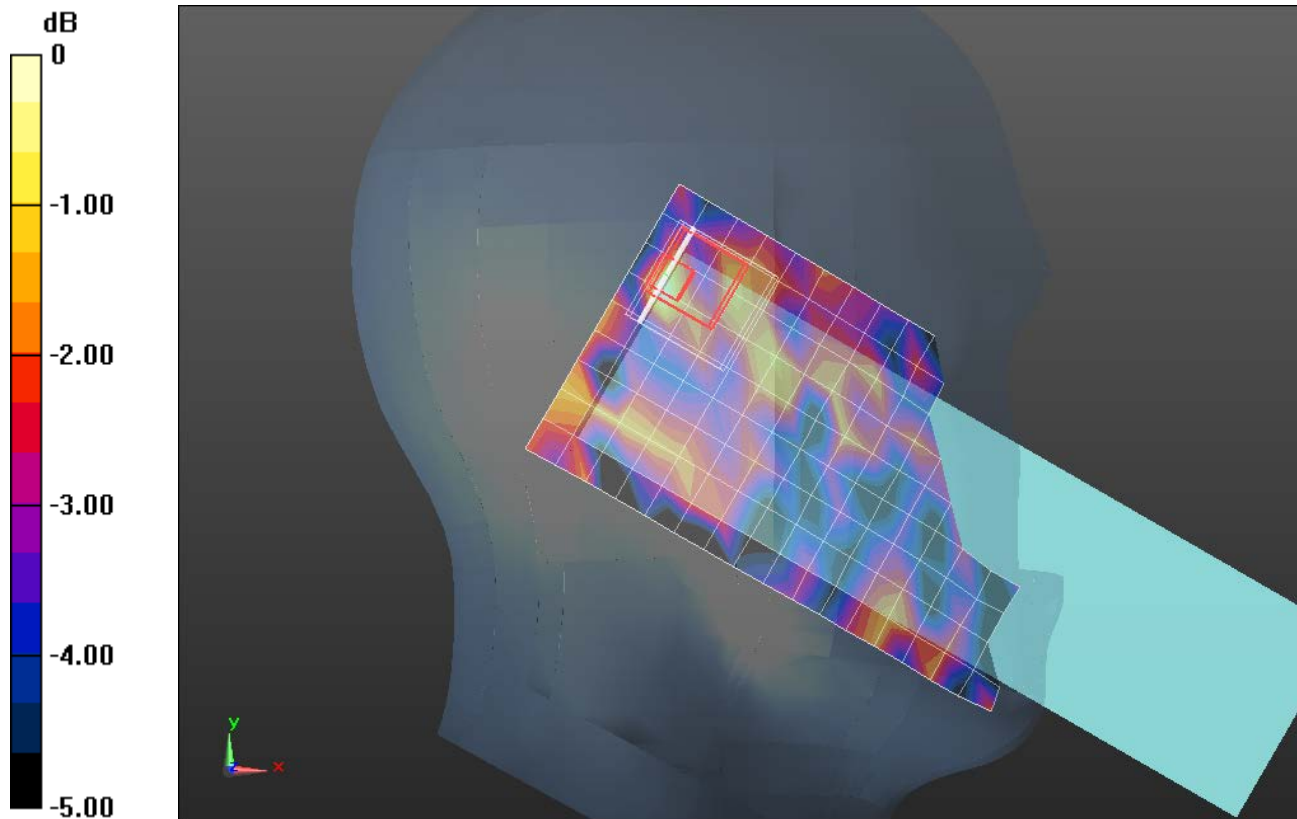
LHS/Tilt_DTS_802.11a_Ch 165/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.712 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0960 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0499 W/kg



0 dB = 0.0499 W/kg = -13.02 dBW/kg

5 GHz

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5825$ MHz; $\sigma = 6.219$ S/m; $\epsilon_r = 47.173$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(3.93, 3.93, 3.93); Calibrated: 11/21/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: S/n:1198

Rear/DTS_802.11a_Ch 165/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.01 W/kg

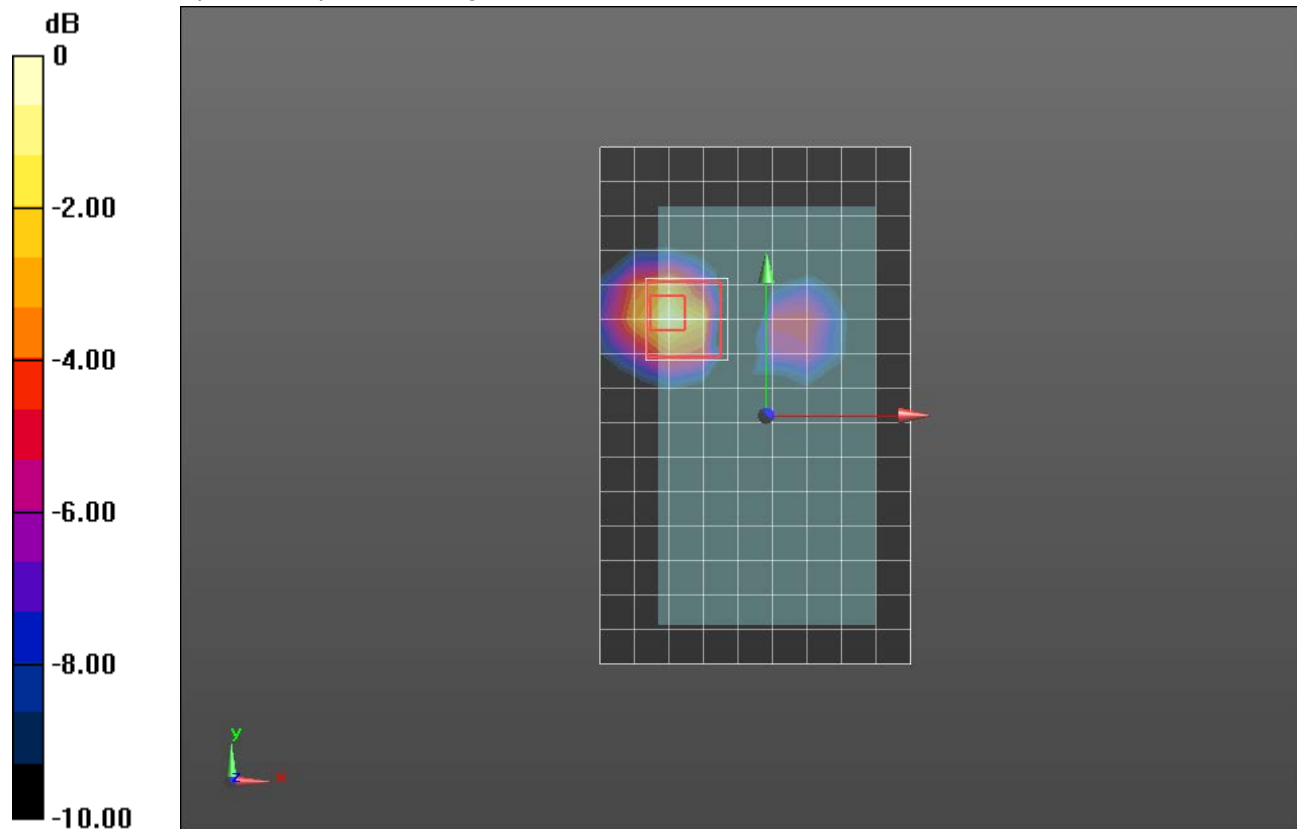
Rear/DTS_802.11a_Ch 165/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.701 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.588 W/kg; SAR(10 g) = 0.199 W/kg

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



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