

20140523_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; $\sigma = 5.834$ S/m; $\epsilon_r = 47.688$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3871; ConvF(4.14, 4.14, 4.14); Calibrated: 12/11/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

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

Reference Value = 49.830 V/m; Power Drift = 0.08 dB

Fast SAR: SAR(1 g) = 7.64 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (interpolated) = 20.8 W/kg

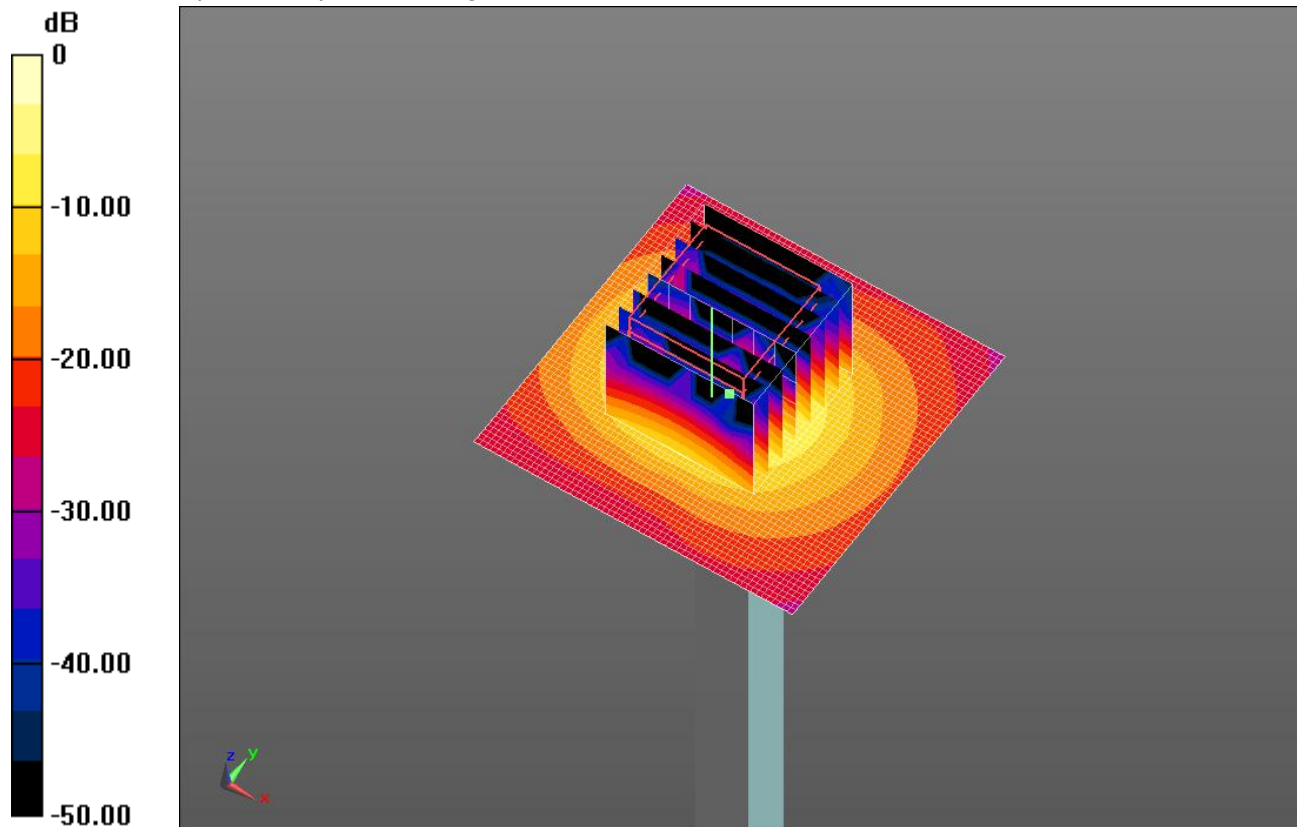
Body/5.6 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.830 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 39.7 W/kg

SAR(1 g) = 8.36 W/kg; SAR(10 g) = 2.31 W/kg

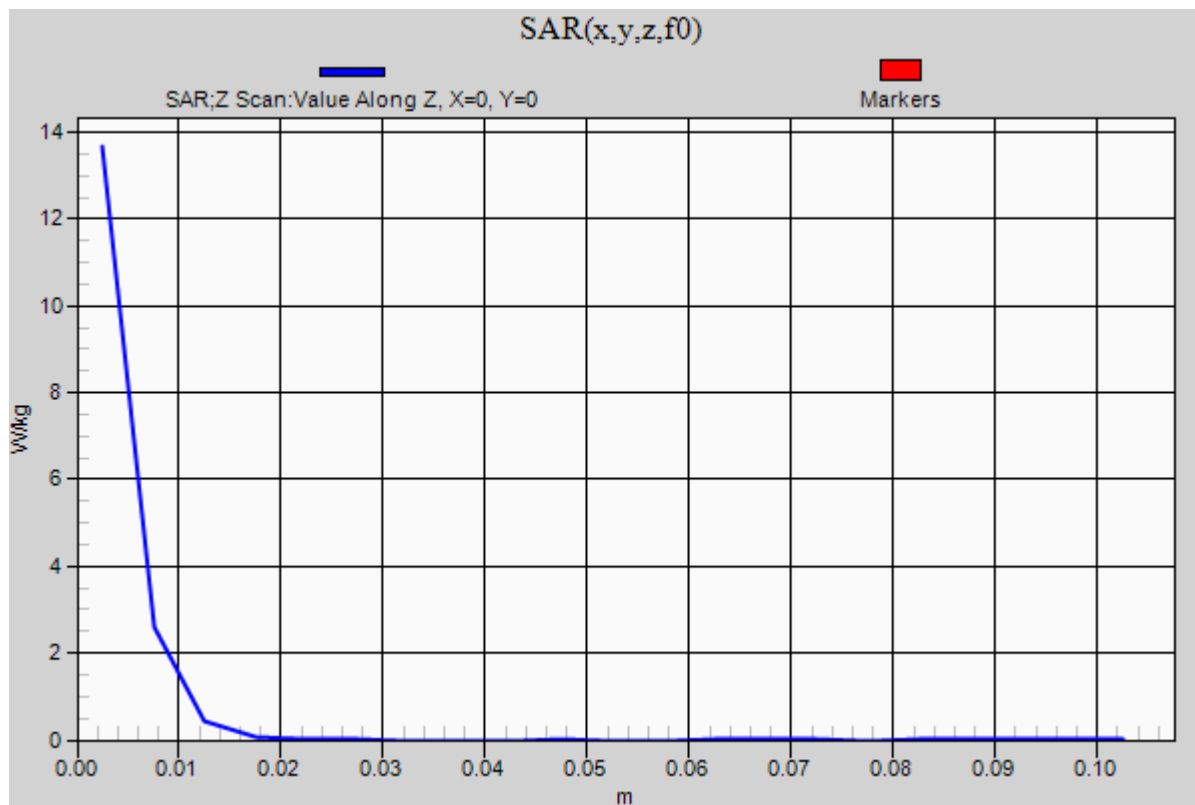
Maximum value of SAR (measured) = 21.0 W/kg



0 dB = 21.0 W/kg = 13.22 dBW/kg

20140523_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5600 MHz; Duty Cycle: 1:1

Body/5.6 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.7 W/kg

20140528_SystemPerformanceCheck-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; $\sigma = 2.022$ S/m; $\epsilon_r = 50.755$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3871; ConvF(7.16, 7.16, 7.16); Calibrated: 12/11/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

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

Reference Value = 61.314 V/m; Power Drift = -0.06 dB

Fast SAR: SAR(1 g) = 5.42 W/kg; SAR(10 g) = 2.35 W/kg

Maximum value of SAR (interpolated) = 7.93 W/kg

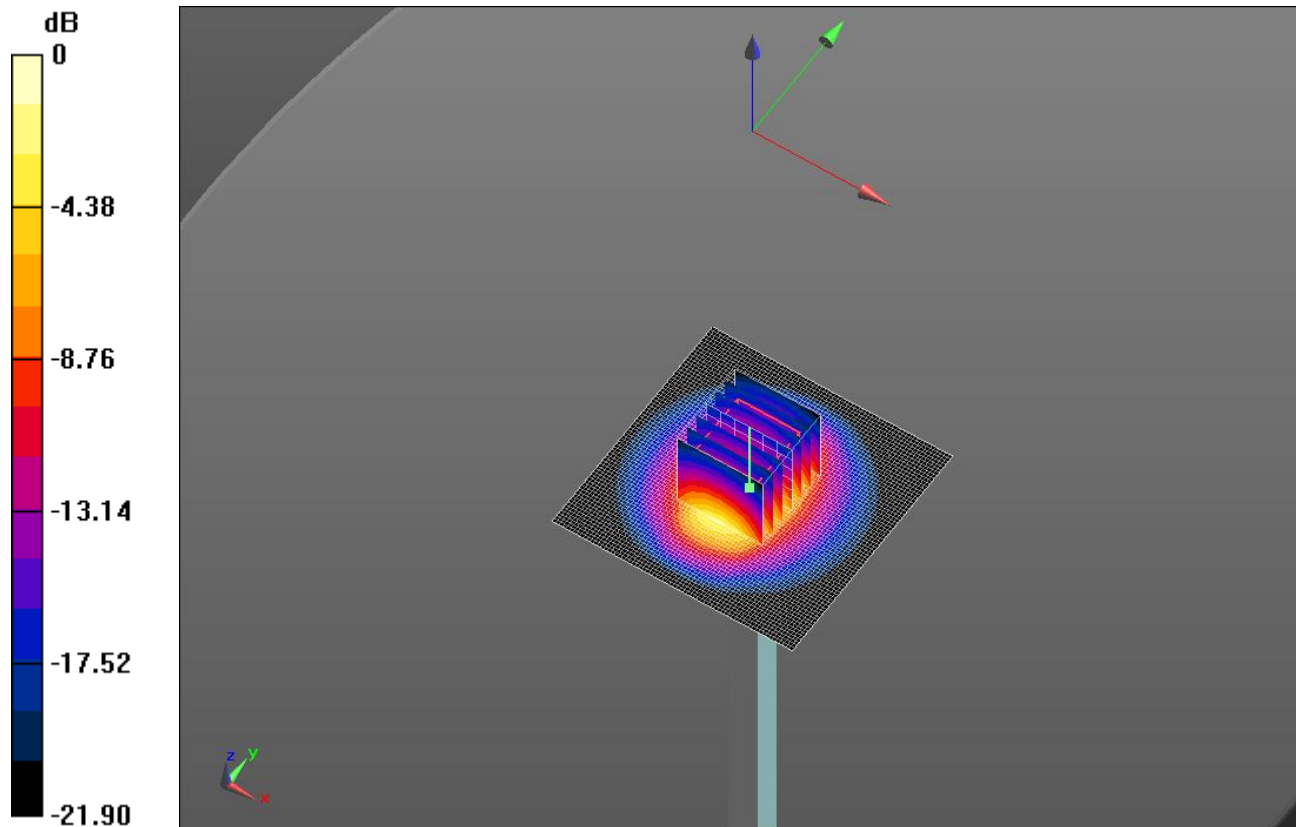
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.314 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 11.0 W/kg

SAR(1 g) = 5.32 W/kg; SAR(10 g) = 2.47 W/kg

Maximum value of SAR (measured) = 7.54 W/kg



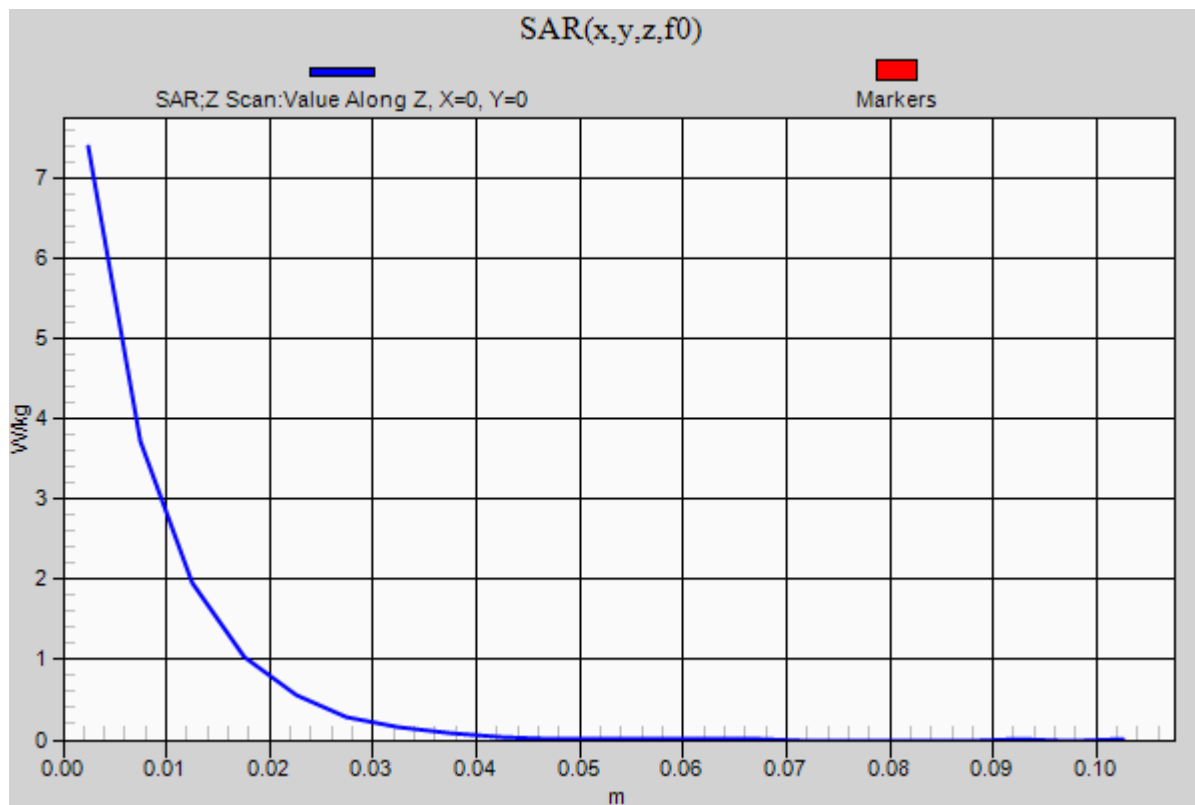
0 dB = 7.54 W/kg = 8.77 dBW/kg

20140528_SystemPerformanceCheck-D2450V2 SN 899

Frequency: 2450 MHz; Duty Cycle: 1:1

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

Maximum value of SAR (measured) = 7.40 W/kg



20140519_SystemPerformanceCheck-D835V2 SN 4d002

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Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1.017 \text{ S/m}$; $\epsilon_r = 55.321$; $\rho = 1000 \text{ kg/m}^3$

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(10.36, 10.36, 10.36); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI B v4.0; Type: QDOVA002AA; Serial: 1196

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

Reference Value = 28.543 V/m; Power Drift = -0.06 dB

Fast SAR: SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.703 W/kg

Maximum value of SAR (interpolated) = 1.24 W/kg

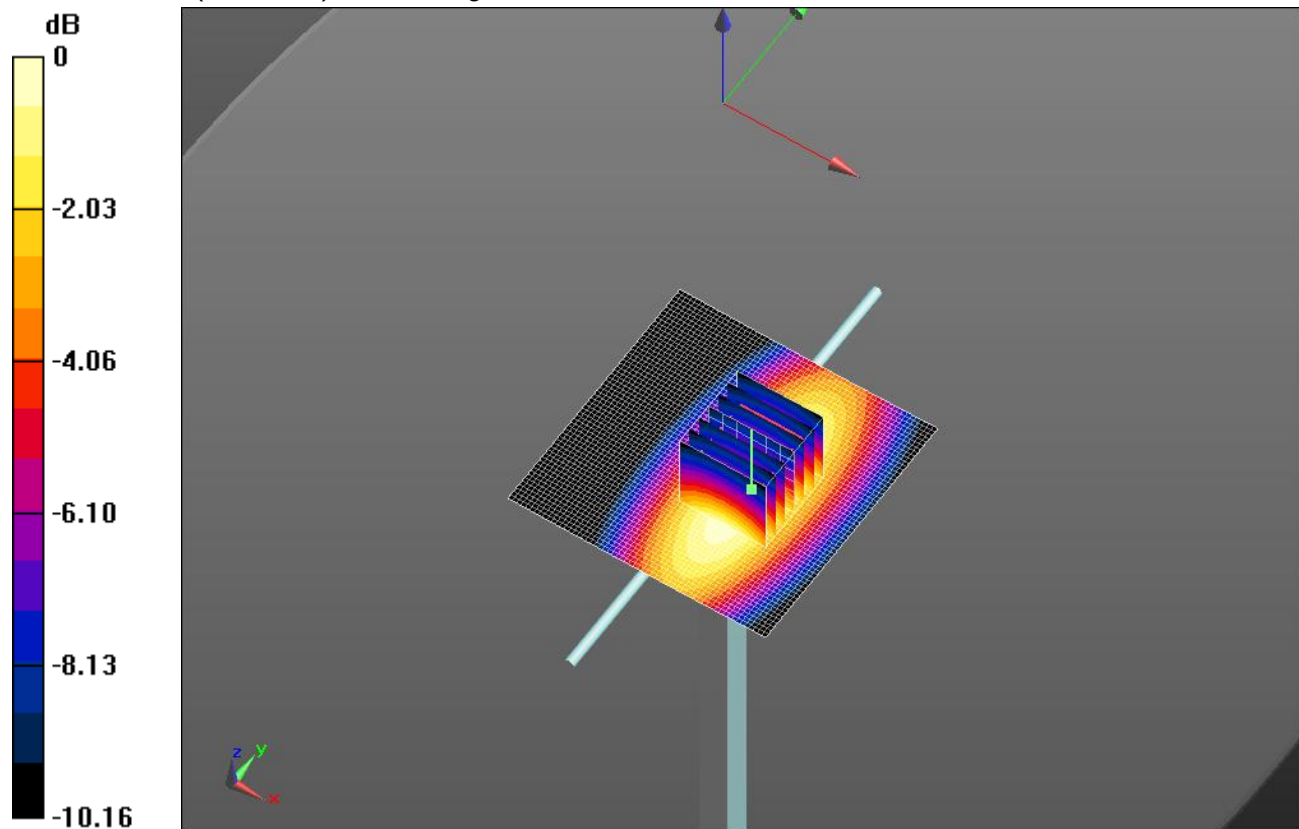
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.543 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.682 W/kg

Maximum value of SAR (measured) = 1.25 W/kg



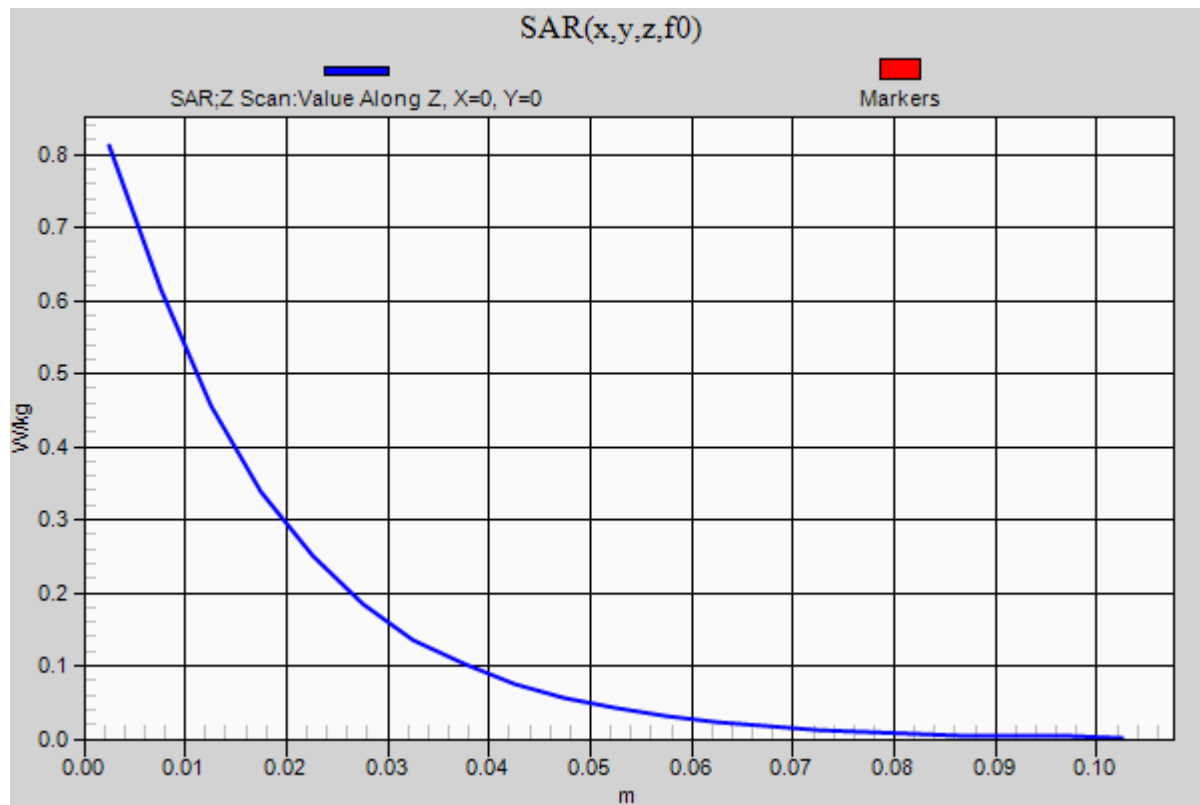
0 dB = 1.25 W/kg = 0.97 dBW/kg

20140519_SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 MHz; Duty Cycle: 1:1

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

Maximum value of SAR (measured) = 0.812 W/kg



20140520_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.139$ S/m; $\epsilon_r = 46.519$; $\rho = 1000$ 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(3.93, 3.93, 3.93); Calibrated: 11/21/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: S/n:1198

Body/5.8 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 40.505 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 5.97 W/kg; SAR(10 g) = 1.72 W/kg

Maximum value of SAR (interpolated) = 16.0 W/kg

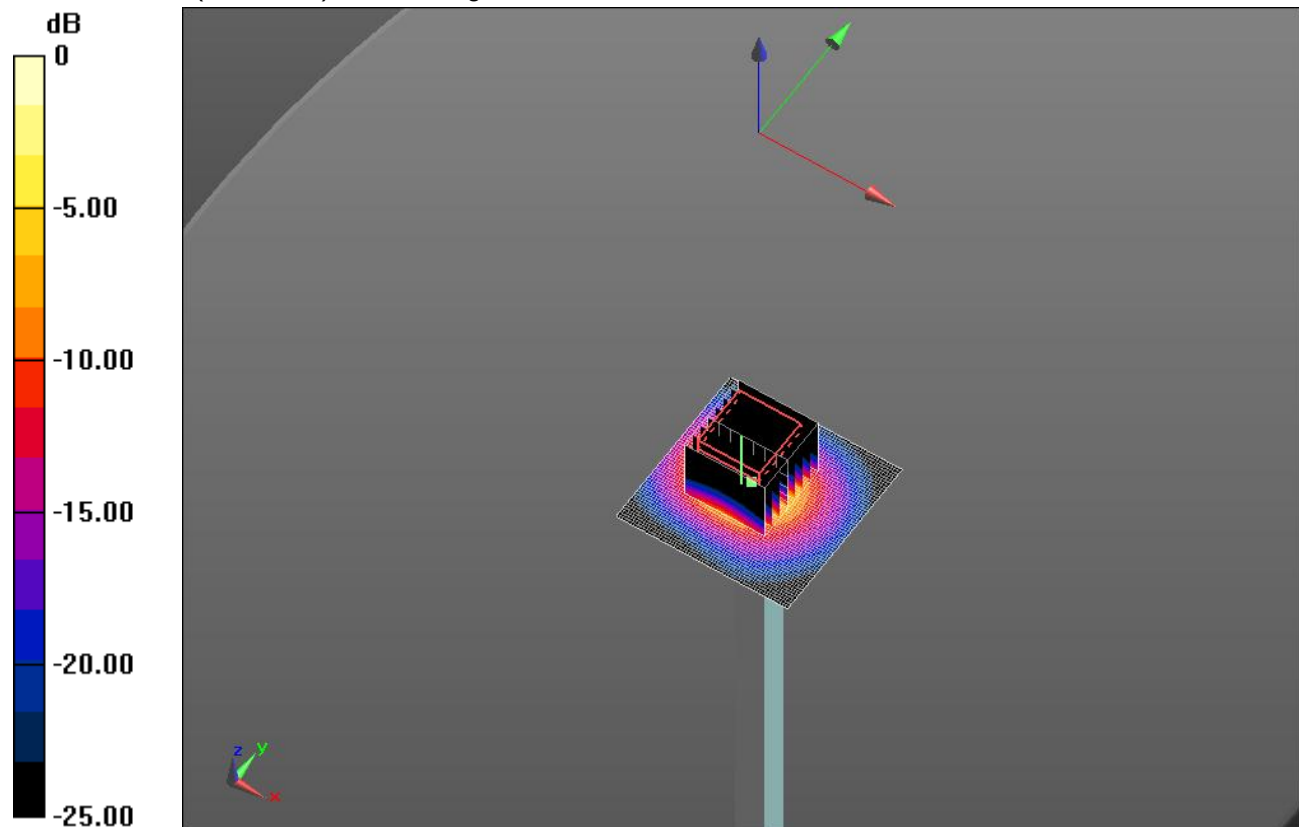
Body/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 40.505 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 30.4 W/kg

SAR(1 g) = 6.57 W/kg; SAR(10 g) = 1.87 W/kg

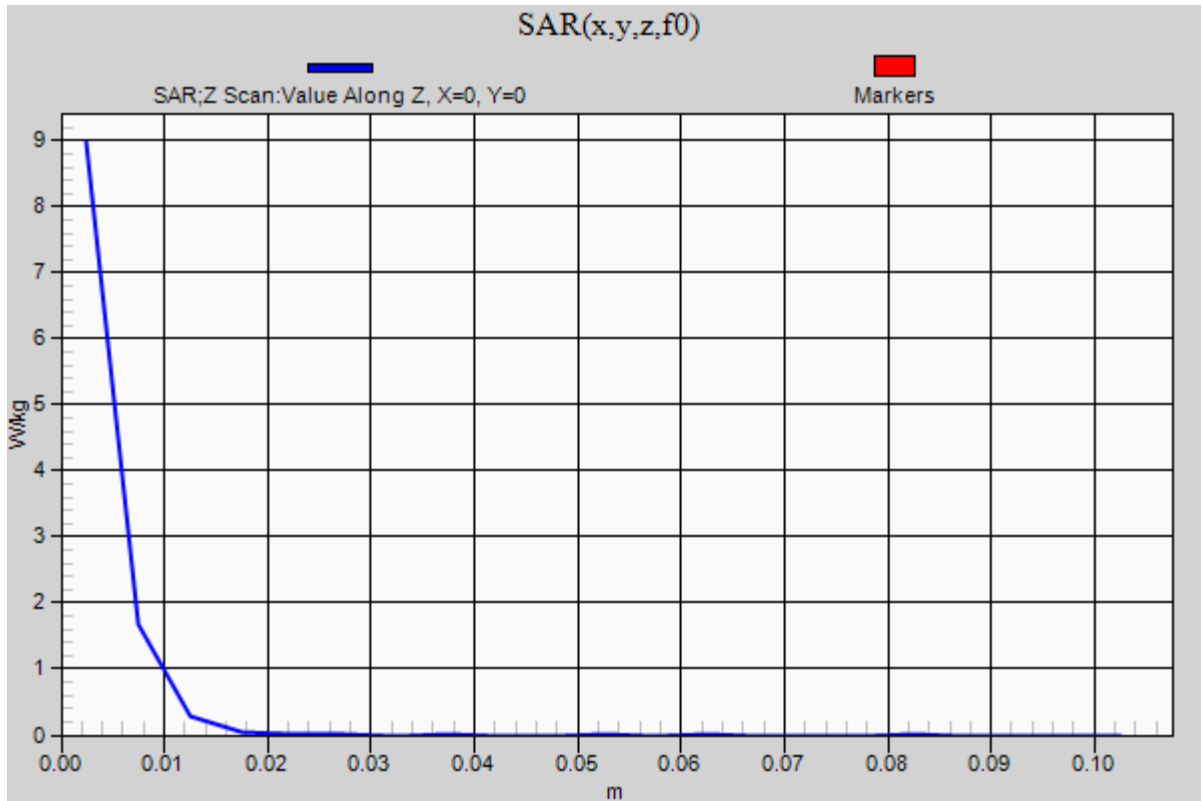
Maximum value of SAR (measured) = 16.5 W/kg



0 dB = 16.5 W/kg = 12.17 dBW/kg

20140520_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5800 MHz; Duty Cycle: 1:1

Body/5.8 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 8.97 W/kg

20140522_SystemPerformanceCheck-D1900V2 SN 5d163

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

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.5$ S/m; $\epsilon_r = 51.376$; $\rho = 1000$ 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(8.29, 8.29, 8.29); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: S/n:1198

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

Reference Value = 54.308 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 3.89 W/kg; SAR(10 g) = 1.99 W/kg

Maximum value of SAR (interpolated) = 5.29 W/kg

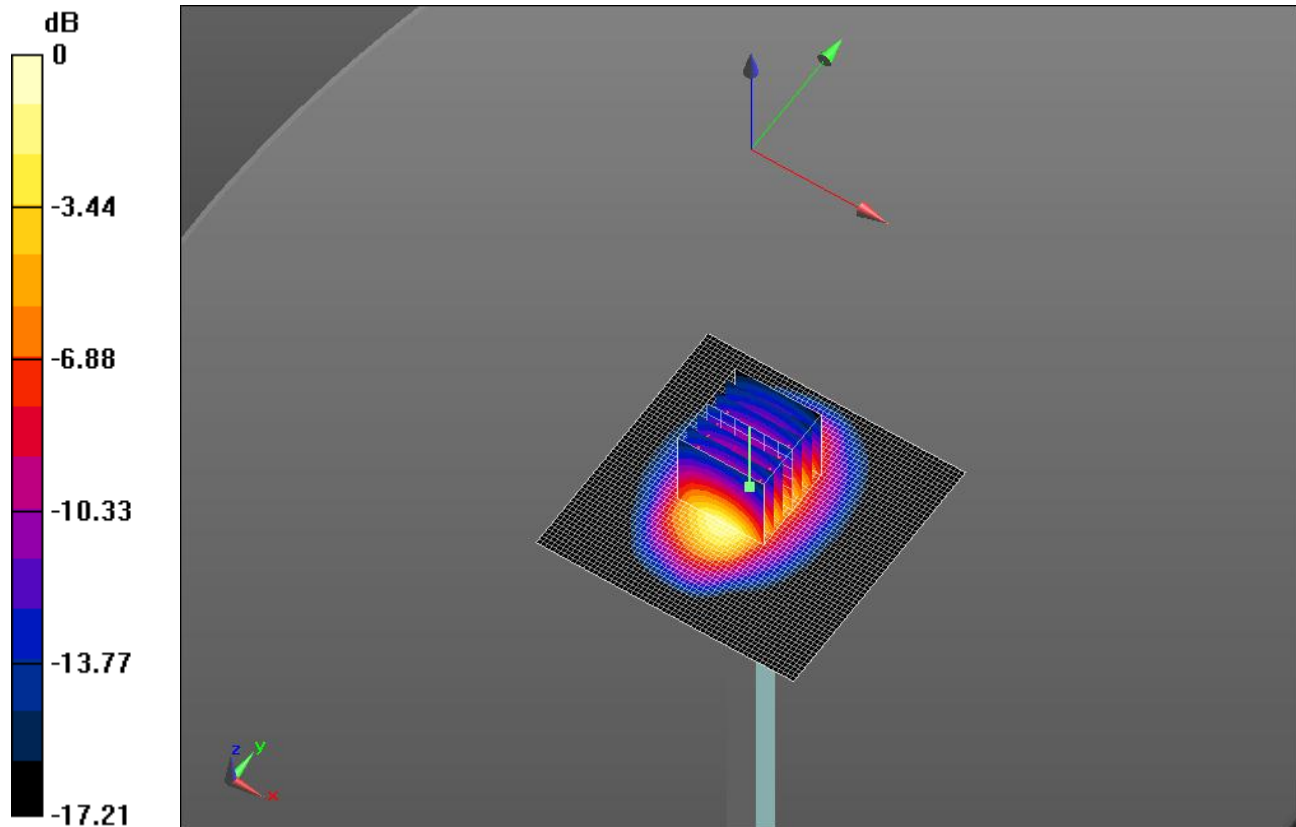
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.308 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 6.94 W/kg

SAR(1 g) = 3.82 W/kg; SAR(10 g) = 2.01 W/kg

Maximum value of SAR (measured) = 5.10 W/kg



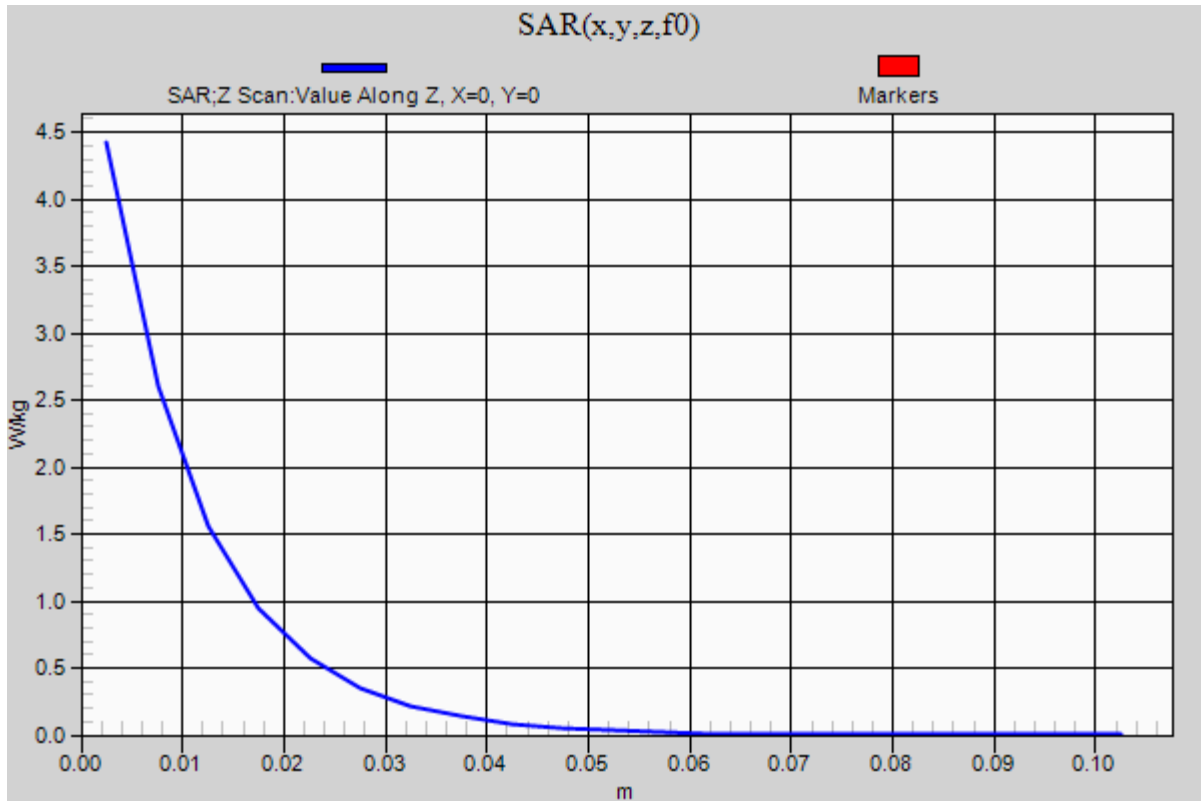
0 dB = 5.10 W/kg = 7.08 dBW/kg

20140522_SystemPerformanceCheck-D1900V2 SN 5d163

Frequency: 1900 MHz; Duty Cycle: 1:1

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

Maximum value of SAR (measured) = 4.42 W/kg



GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.019$ S/m; $\epsilon_r = 55.308$; $\rho = 1000$ 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 B v4.0; Type: QDOVA002AA; Serial: 1196

Rear/GPRS 2 slots_ch 190/14mm/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.631 W/kg

Rear/GPRS 2 slots_ch 190/14mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

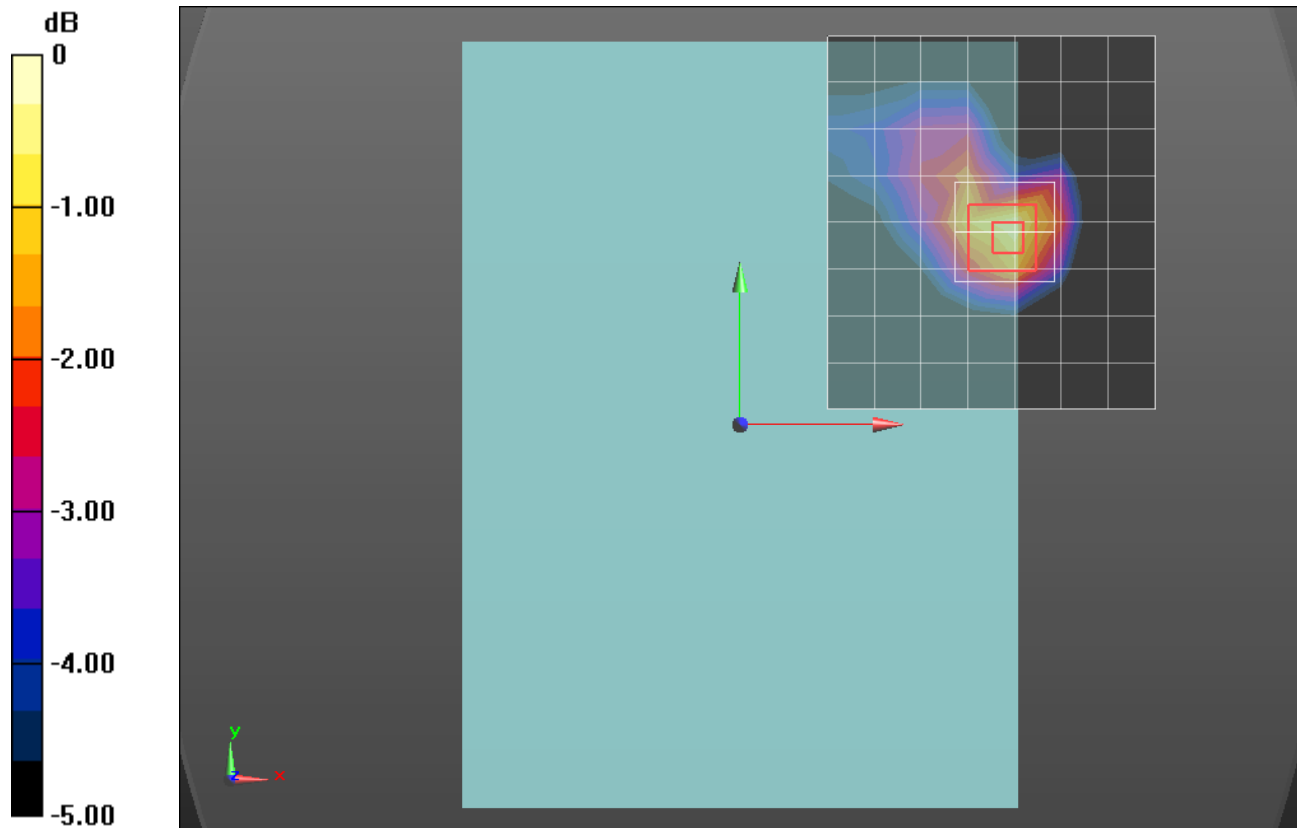
Reference Value = 25.068 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.846 W/kg

SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.329 W/kg

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

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



0 dB = 0.672 W/kg = -1.73 dBW/kg

GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.015$ S/m; $\epsilon_r = 53.145$; $\rho = 1000$ 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 B v4.0; Type: QDOVA002AA; Serial: 1196

Rear/GPRS 2 slots_ch 190/0mm/Area Scan (16x21x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.741 W/kg

Rear/GPRS 2 slots_ch 190/0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

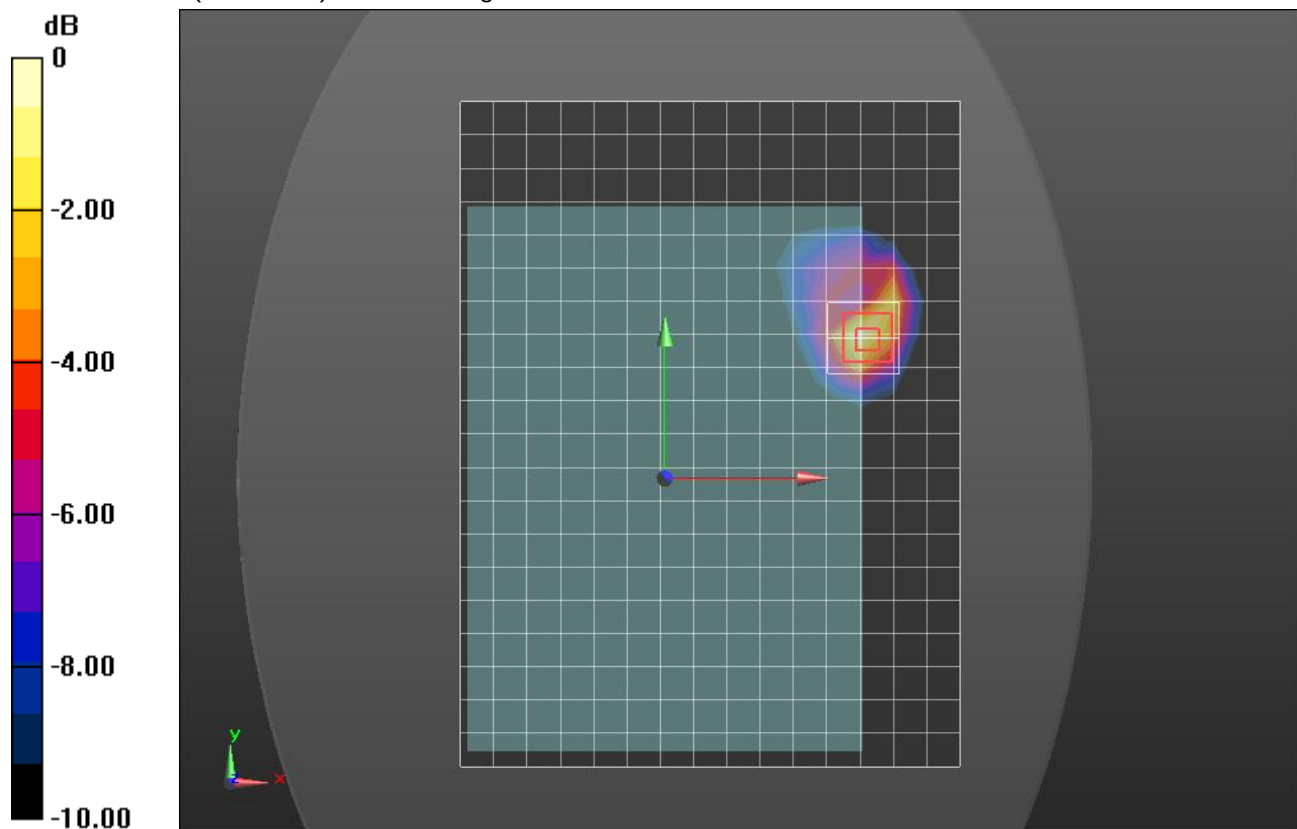
Reference Value = 11.700 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.284 W/kg

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

Maximum value of SAR (measured) = 0.784 W/kg



GSM 1900

Frequency: 1909.8 MHz; Duty Cycle: 1:2.60016; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.525$ S/m; $\epsilon_r = 51.257$; $\rho = 1000$ 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 A v5.0; Type: QDOVA002AA; Serial: S/n:1198

Rear/GPRS 3 slots_ch 810 14mm/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.01 W/kg

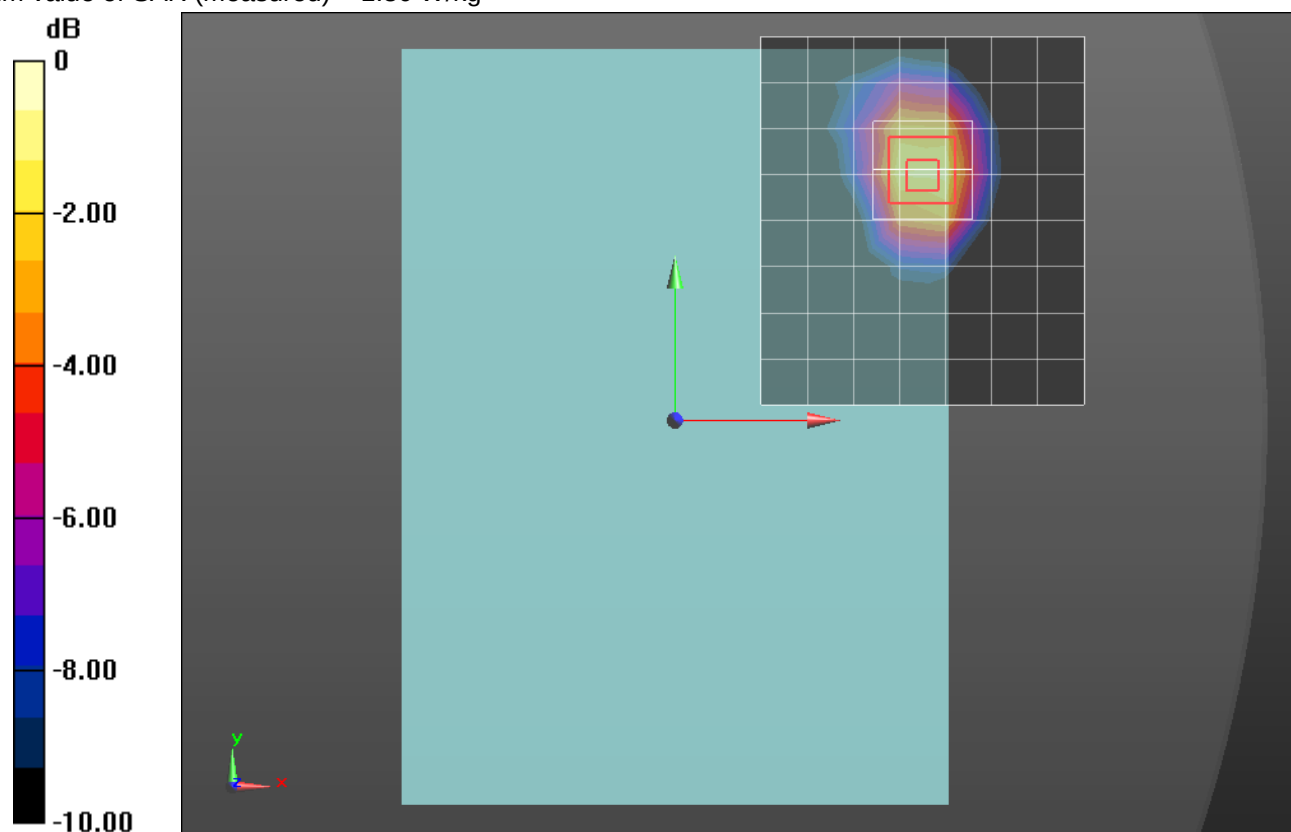
Rear/GPRS 3 slots_ch 810 14mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.581 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.562 W/kg

Maximum value of SAR (measured) = 1.30 W/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; $\sigma = 1.479$ S/m; $\epsilon_r = 51.448$; $\rho = 1000$ 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 A v5.0; Type: QDOVA002AA; Serial: S/n:1198

Rear/GPRS 2 slots_ch 661 0mm/Area Scan (16x21x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.677 W/kg

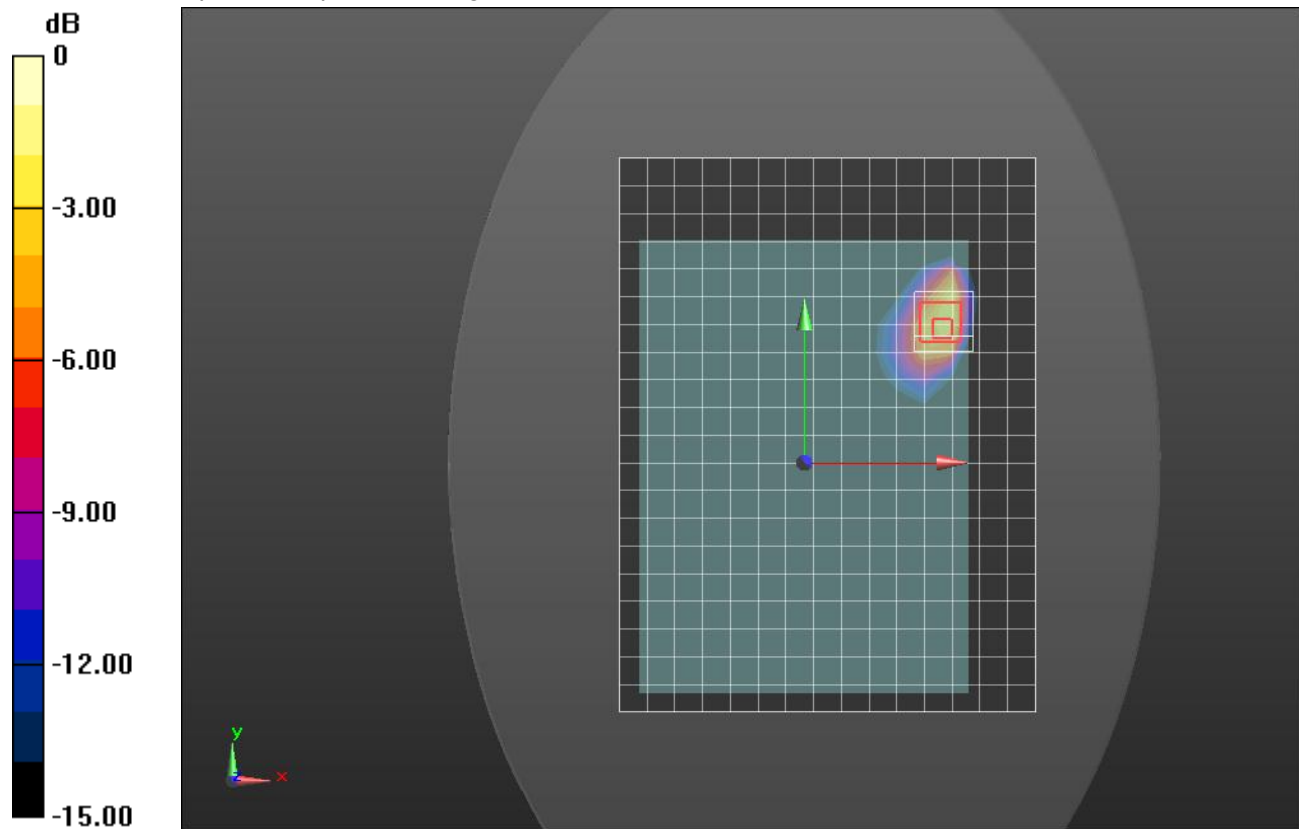
Rear/GPRS 2 slots_ch 661 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.545 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

W-CDMA 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; $\sigma = 1.019$ S/m; $\epsilon_r = 55.308$; $\rho = 1000$ 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 (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI B v4.0; Type: QDOVA002AA; Serial: 1196

Rear/Rel. 99 RMC 12.2kbs 4183/14mm/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.389 W/kg

Rear/Rel. 99 RMC 12.2kbs 4183/14mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

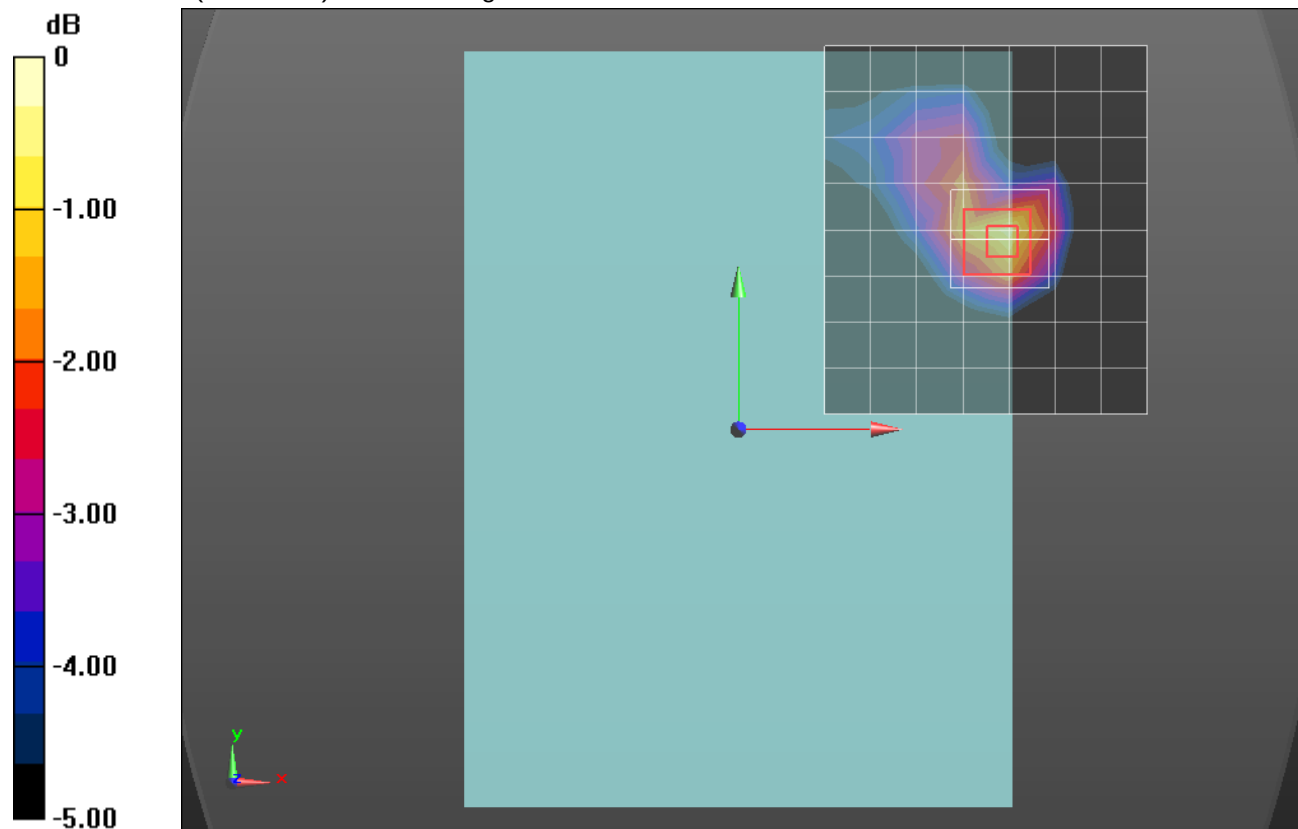
Reference Value = 20.512 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.209 W/kg

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

Maximum value of SAR (measured) = 0.431 W/kg



0 dB = 0.431 W/kg = -3.66 dBW/kg

W-CDMA 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; $\sigma = 1.019$ S/m; $\epsilon_r = 55.308$; $\rho = 1000$ 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 B v4.0; Type: QDOVA002AA; Serial: 1196

Rear/Rel. 99 RMC 12.2kbs 4183/0mm/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.591 W/kg

Rear/Rel. 99 RMC 12.2kbs 4183/0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

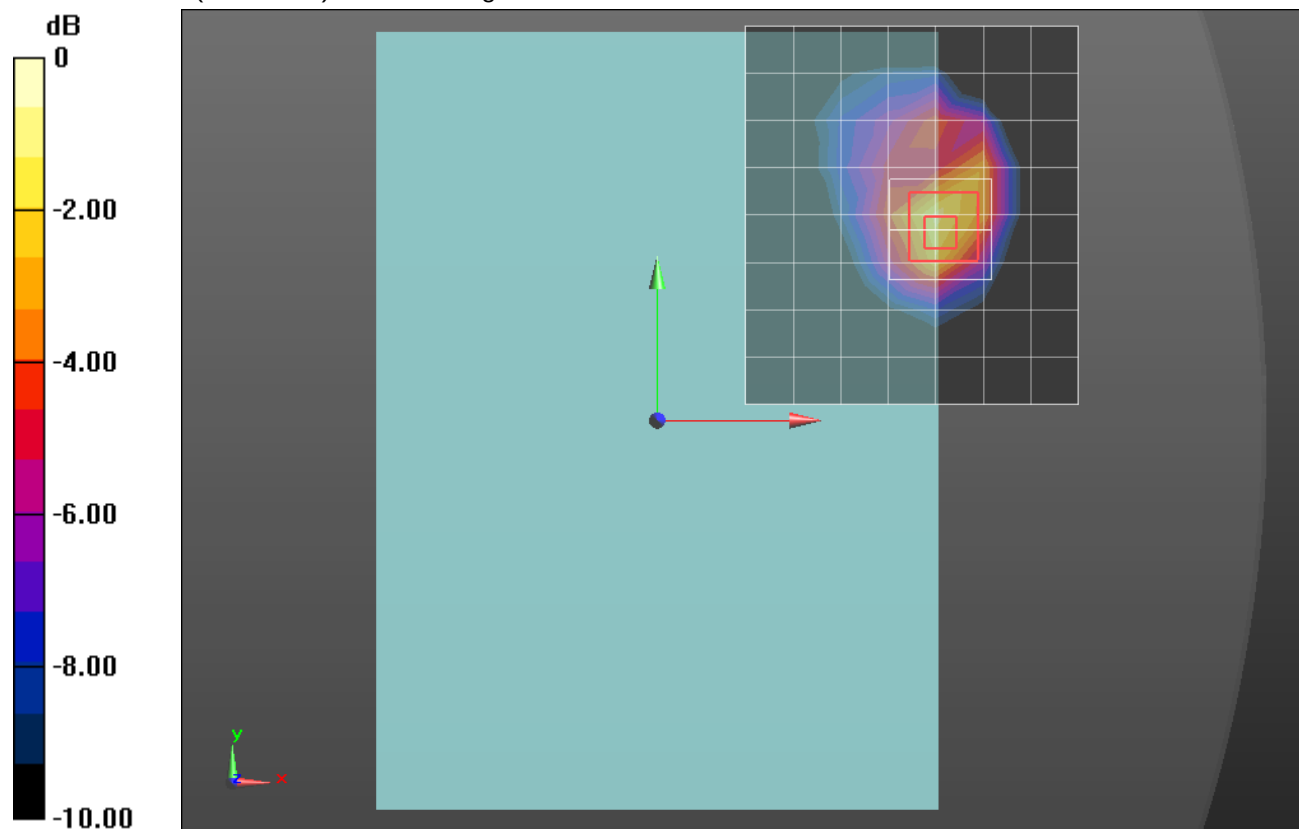
Reference Value = 10.656 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.268 W/kg

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

Maximum value of SAR (measured) = 0.746 W/kg



0 dB = 0.746 W/kg = -1.27 dBW/kg

W-CDMA Band II

Frequency: 1907.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.522$ S/m; $\epsilon_r = 51.265$; $\rho = 1000$ 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 A v5.0; Type: QDOVA002AA; Serial: S/n:1198

Rear/Rel. 99 RMC 12.2kbs 9538/14mm/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

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

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

Rear/Rel. 99 RMC 12.2kbs 9538/14mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

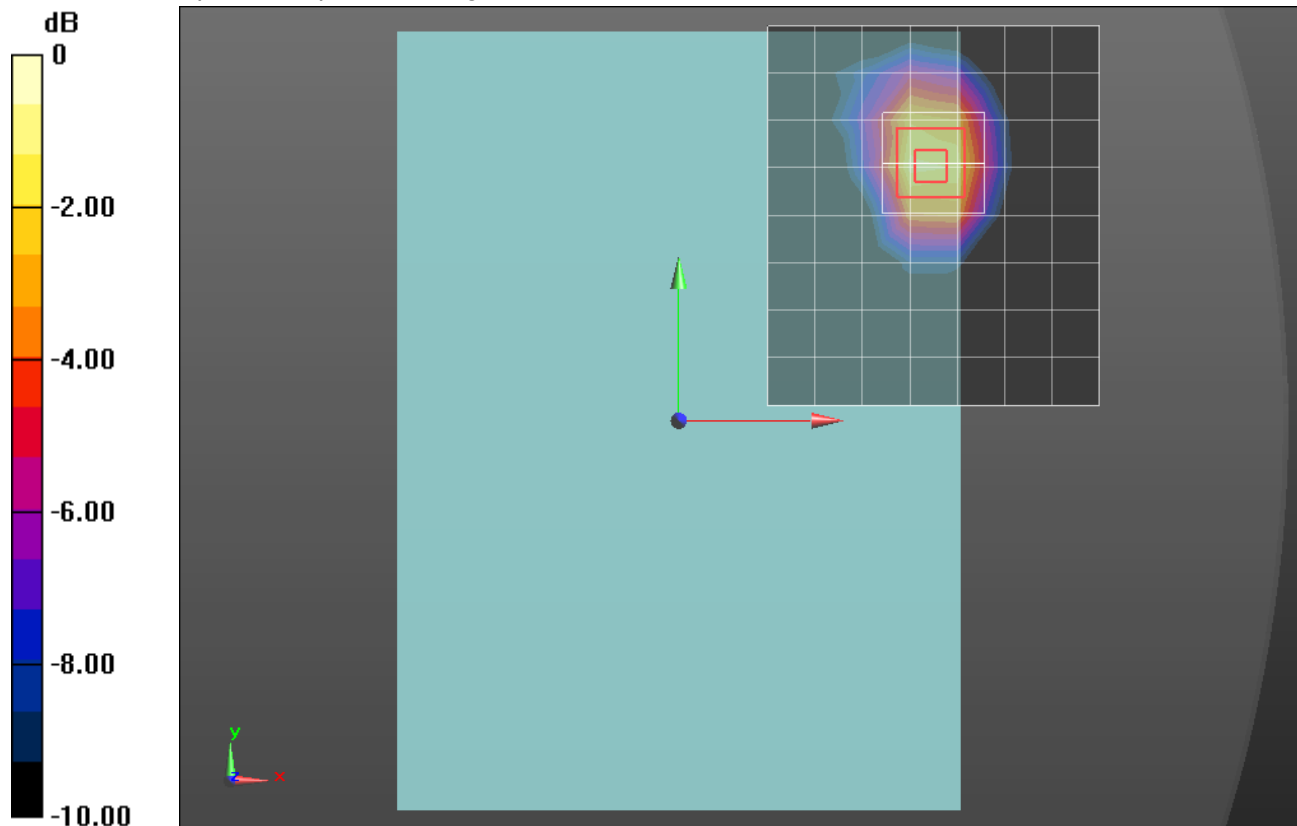
Reference Value = 26.359 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.563 W/kg

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

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg

W-CDMA 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; $\sigma = 1.479$ S/m; $\epsilon_r = 51.448$; $\rho = 1000$ 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 A v5.0; Type: QDOVA002AA; Serial: S/n:1198

Rear/Unit #7 W-CDMA_ch 9400 0mm/Area Scan (16x21x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.509 W/kg

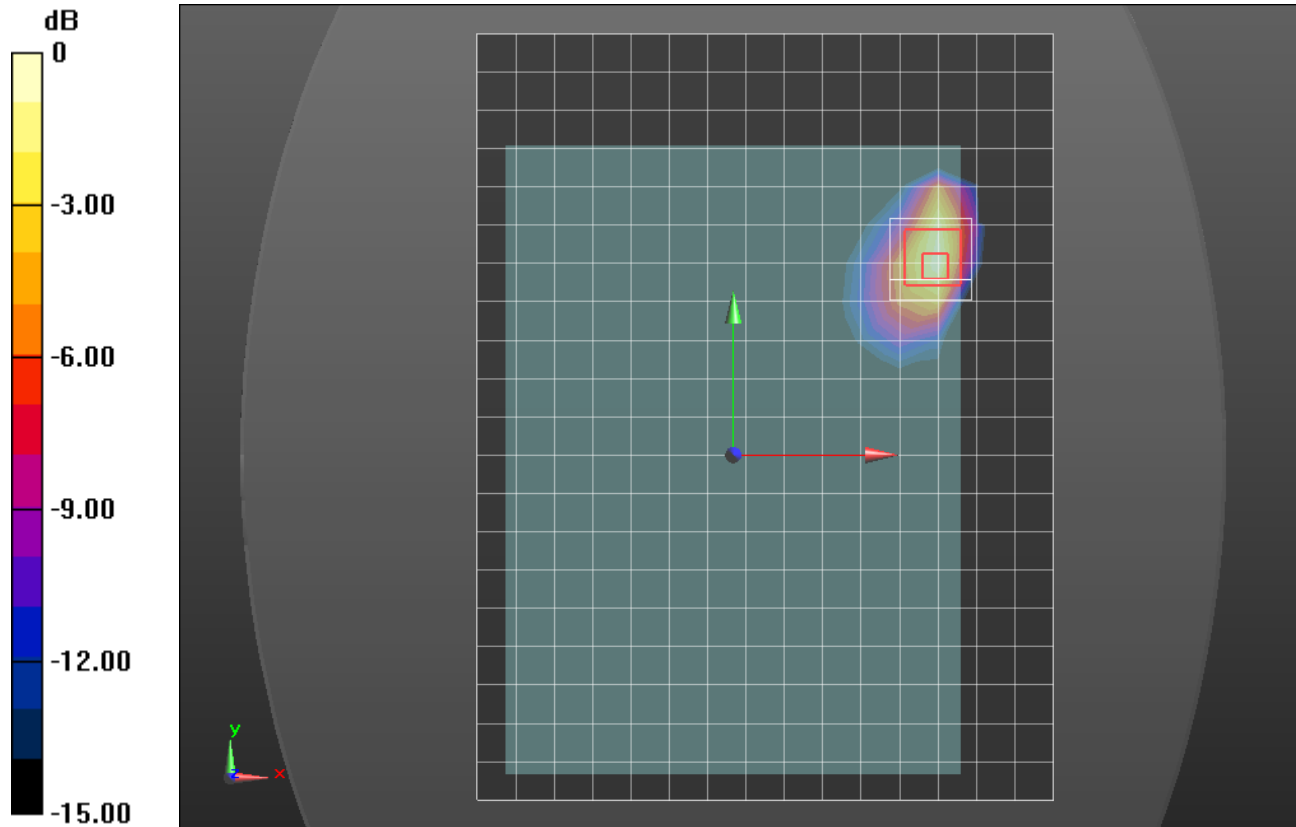
Rear/Unit #7 W-CDMA_ch 9400 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.465 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.793 W/kg

SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.165 W/kg

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



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

2.4GHz MIMO

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; $\sigma = 1.967$ S/m; $\epsilon_r = 52.465$; $\rho = 1000$ kg/m³

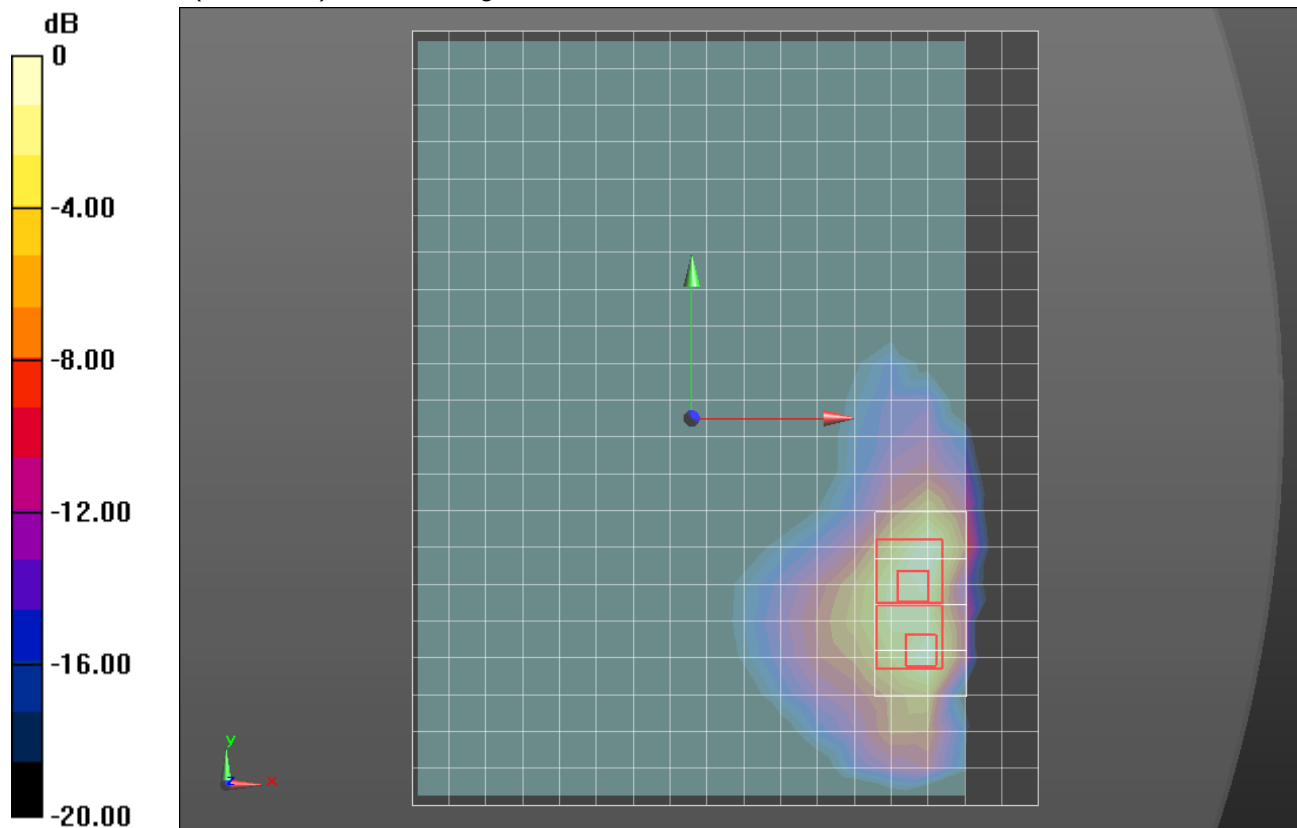
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3871; ConvF(7.16, 7.16, 7.16); Calibrated: 12/11/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

Rear/802.11b_ch 6/Area Scan (18x22x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.03 W/kg

Rear/802.11b_ch 6 /Zoom Scan Ant.1 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.056 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 0.625 W/kg; SAR(10 g) = 0.267 W/kg
Maximum value of SAR (measured) = 0.960 W/kg

Rear/802.11b_ch 6/Zoom Scan Ant.2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.056 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.293 W/kg
Maximum value of SAR (measured) = 0.962 W/kg



5.8GHz MIMO

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.025$ S/m; $\epsilon_r = 47.456$; $\rho = 1000$ kg/m³

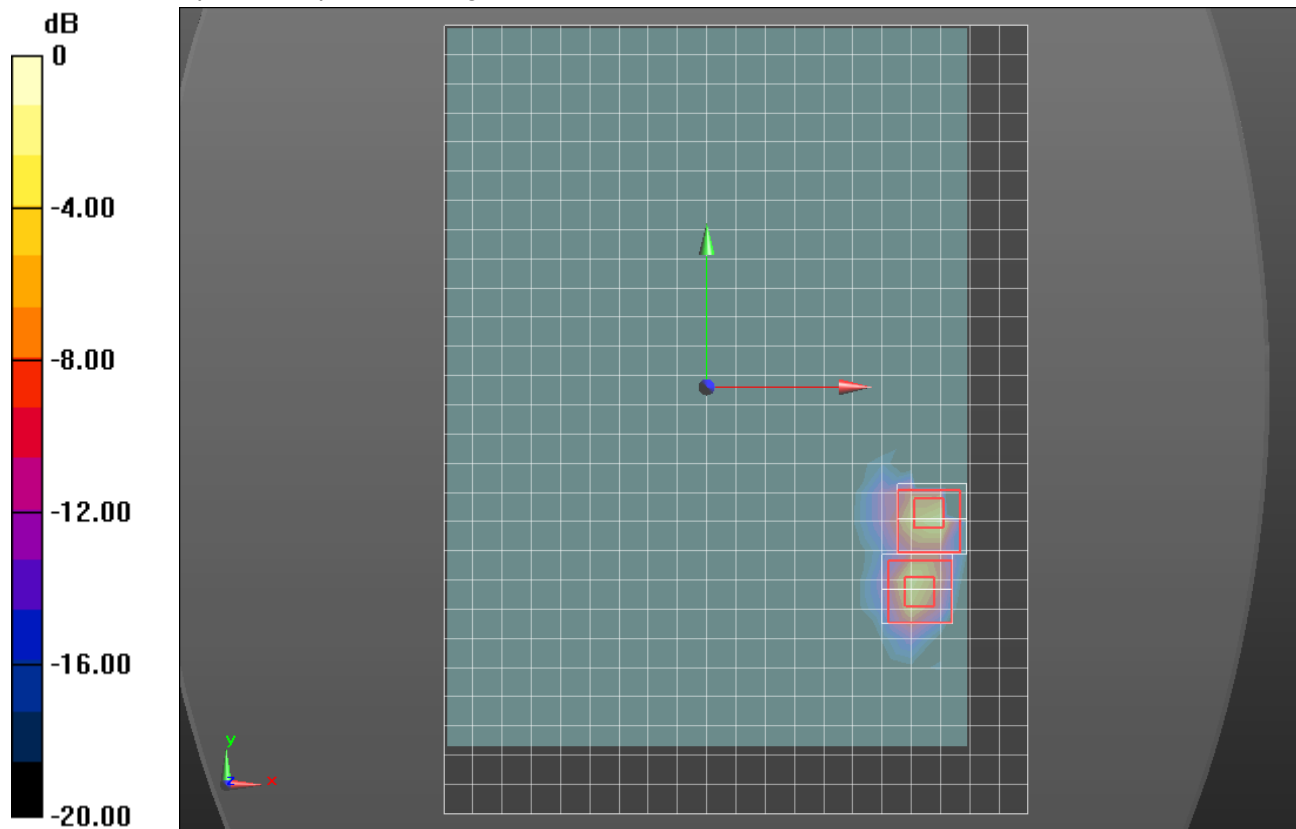
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3871; ConvF(4.34, 4.34, 4.34); Calibrated: 12/11/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

Rear/802.11a ch. 149/Area Scan (21x28x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.741 W/kg

Rear/802.11a ch. 149/Zoom Scan Ant.1 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 10.535 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 4.27 W/kg
SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.073 W/kg
 Maximum value of SAR (measured) = 1.42 W/kg

Rear/802.11a ch. 149/Zoom Scan Ant.2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 10.535 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 3.32 W/kg
SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.086 W/kg
 Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

5.2GHz MIMO

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.316$ S/m; $\epsilon_r = 48.352$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3871; ConvF(4.78, 4.78, 4.78); Calibrated: 12/11/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

Rear/802.11a ch. 40/Area Scan (21x28x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.654 W/kg

Rear/802.11a ch. 40/Zoom Scan Ant.1 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.882 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.567 W/kg

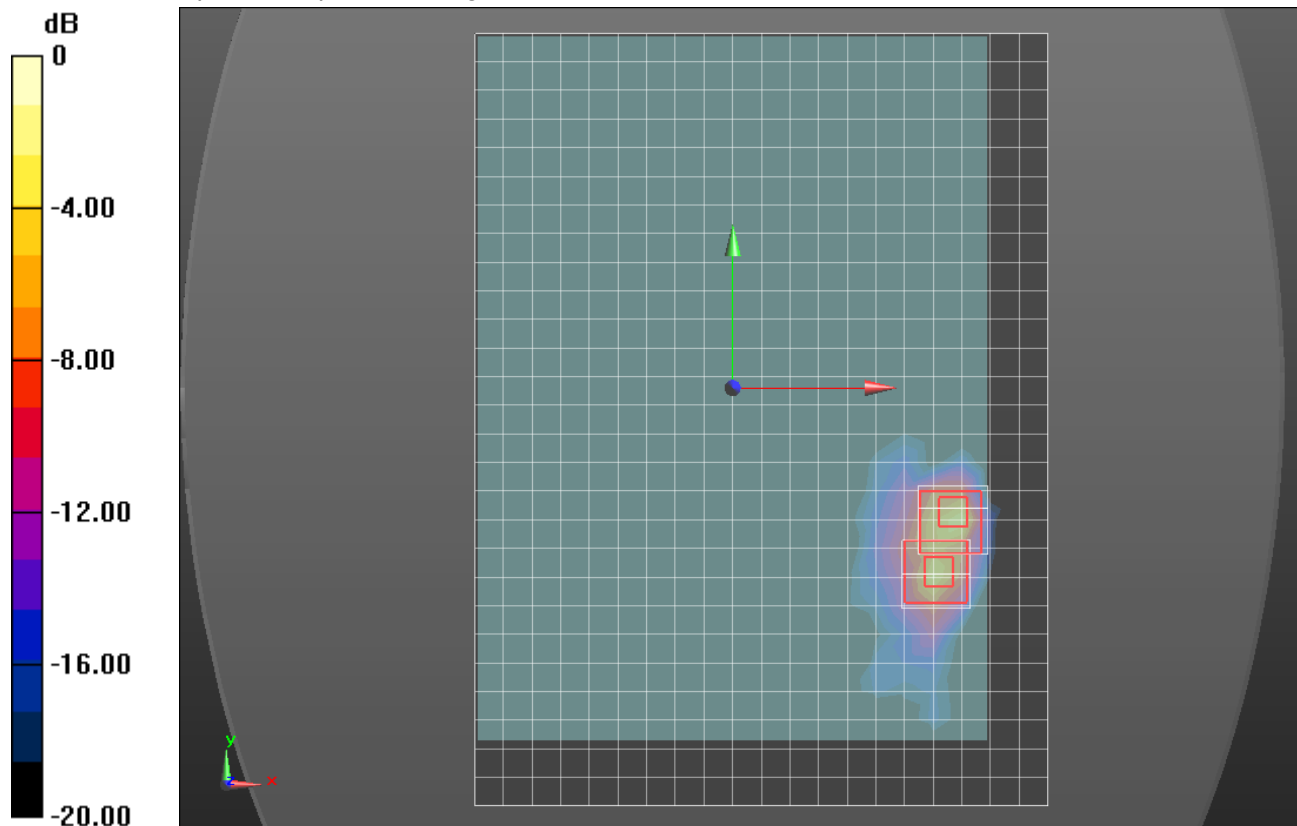
Rear/802.11a ch. 40/Zoom Scan Ant.2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.882 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.59 W/kg

SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

5.3GHz MIMO

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5320$ MHz; $\sigma = 5.467$ S/m; $\epsilon_r = 48.153$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3871; ConvF(4.66, 4.66, 4.66); Calibrated: 12/11/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

Rear/802.11a ch. 64/Area Scan (21x28x1): Measurement grid: dx=10mm, dy=10mm

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

Rear/802.11a ch. 64/Zoom Scan Ant.1 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.124 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.083 W/kg

Maximum value of SAR (measured) = 0.865 W/kg

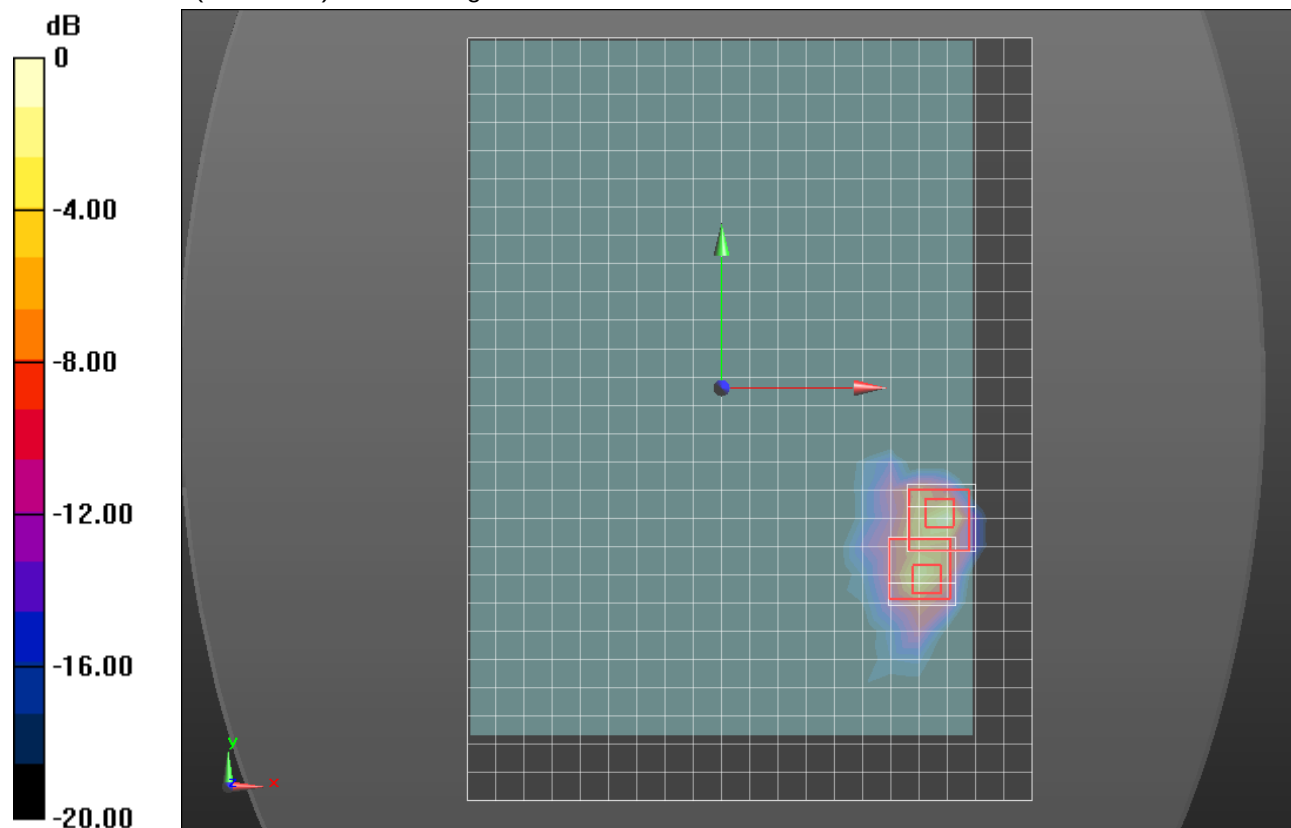
Rear/802.11a ch. 64/Zoom Scan Ant.2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.124 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.115 W/kg

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

5.5 GHz MIMO

Frequency: 5680 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5680$ MHz; $\sigma = 5.945$ S/m; $\epsilon_r = 47.566$; $\rho = 1000$ kg/m³

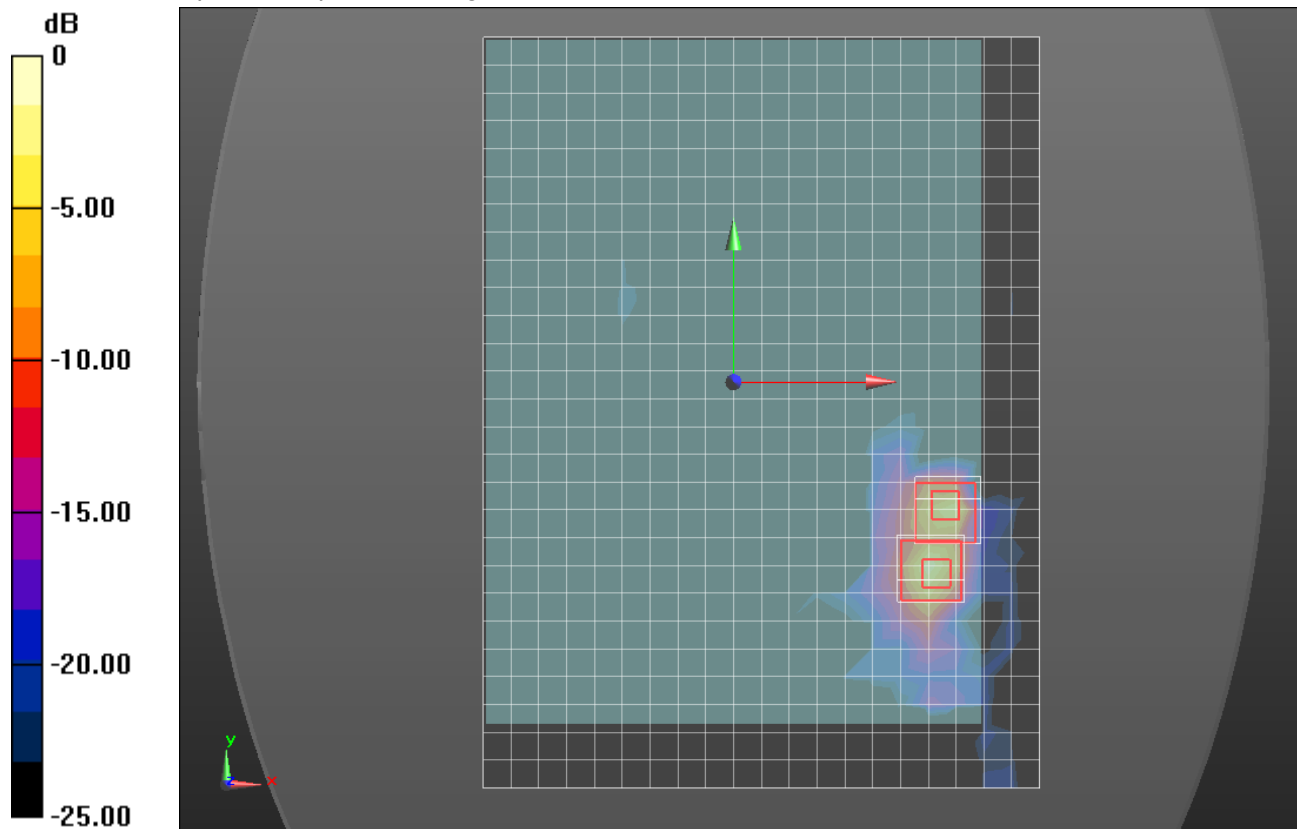
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3871; ConvF(4.14, 4.14, 4.14); Calibrated: 12/11/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

Rear/802.11a ch. 136/Area Scan (21x28x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.974 W/kg

Rear/802.11a ch. 136/Zoom Scan Ant.2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 13.382 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 3.31 W/kg
SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.096 W/kg
Maximum value of SAR (measured) = 1.29 W/kg

Rear/802.11a ch. 136/Zoom Scan Ant.1 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 13.382 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 4.39 W/kg
SAR(1 g) = 0.577 W/kg; SAR(10 g) = 0.106 W/kg
Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg = 1.70 dBW/kg

Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 2.011$ S/m; $\epsilon_r = 50.777$; $\rho = 1000$ 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: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3871; ConvF(7.16, 7.16, 7.16); Calibrated: 12/11/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

Rear/Bluetooth GFSK DH5 Ch. 39/Area Scan (18x22x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.423 W/kg

Rear/Bluetooth GFSK DH5 Ch. 39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

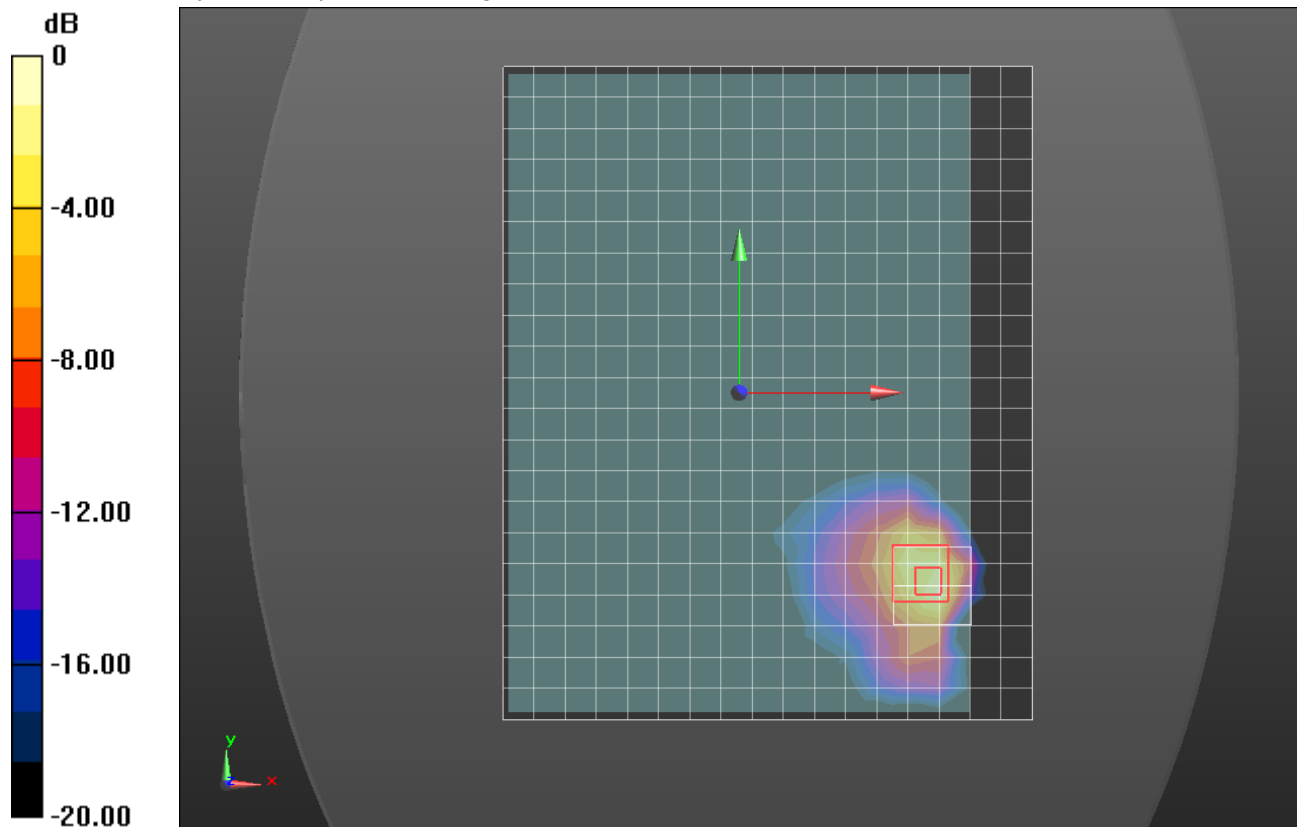
Reference Value = 14.495 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.922 W/kg

SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.125 W/kg

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

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



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