

20140121_SystemPerformanceCheck-D1900V2 SN 5d140

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

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.542$ S/m; $\epsilon_r = 53.15$; $\rho = 1000$ 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 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(7.28, 7.28, 7.28); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

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

Reference Value = 59.744 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 4.16 W/kg; SAR(10 g) = 2.11 W/kg

Maximum value of SAR (interpolated) = 5.55 W/kg

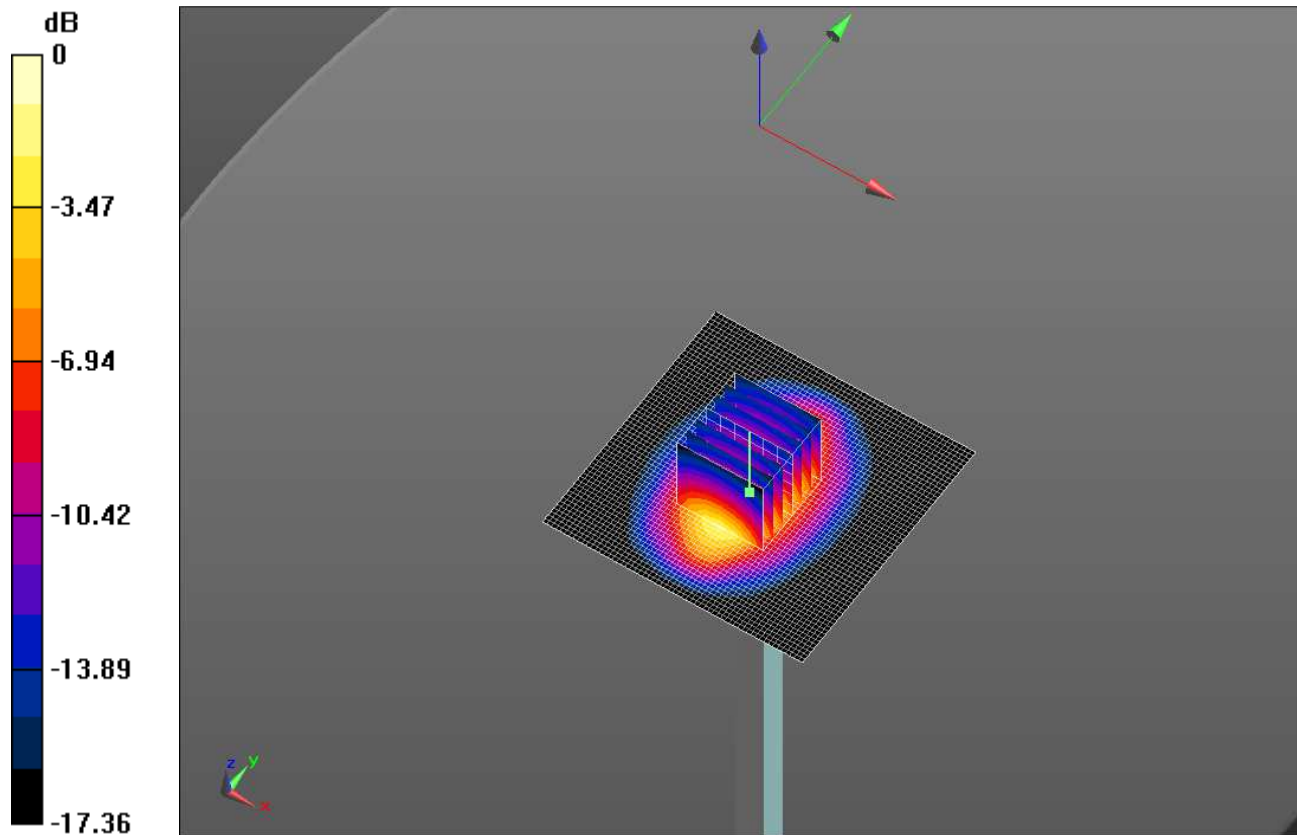
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 59.744 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 7.38 W/kg

SAR(1 g) = 4.09 W/kg; SAR(10 g) = 2.13 W/kg

Maximum value of SAR (measured) = 5.52 W/kg



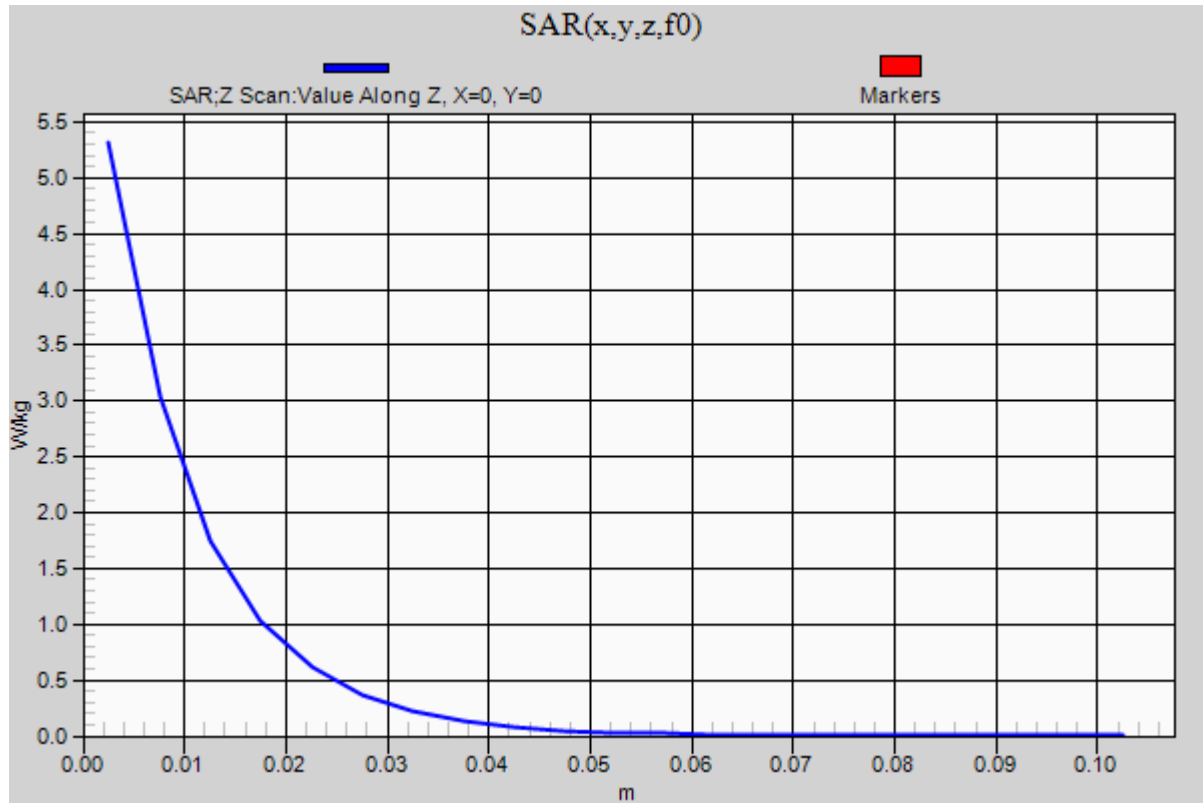
0 dB = 5.52 W/kg = 7.42 dBW/kg

20140121_SystemPerformanceCheck-D1900V2 SN 5d140

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) = 5.31 W/kg



20140123_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; $\sigma = 6.229$ S/m; $\epsilon_r = 46.731$; $\rho = 1000$ 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 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(3.81, 3.81, 3.81); Calibrated: 6/24/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

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

Reference Value = 50.479 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 8.33 W/kg; SAR(10 g) = 2.23 W/kg

Maximum value of SAR (interpolated) = 23.7 W/kg

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

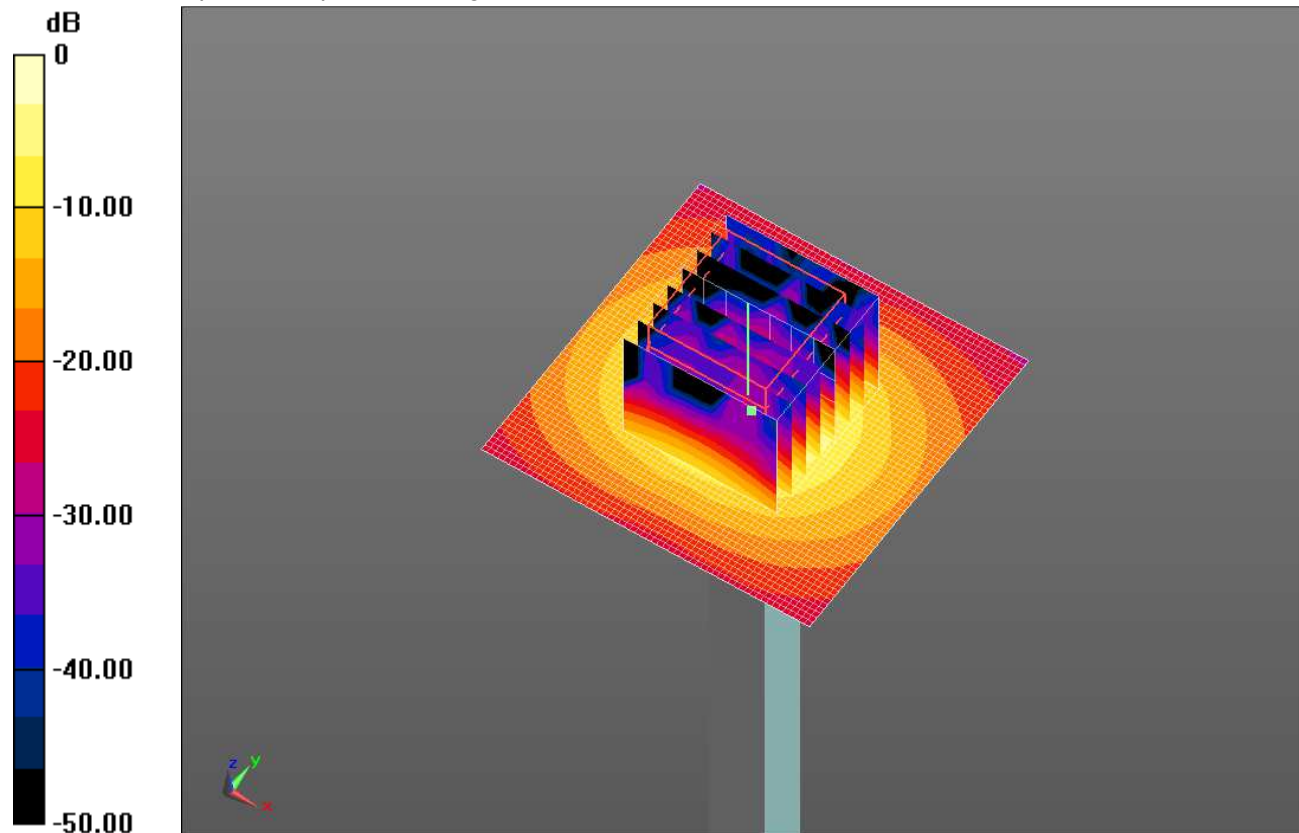
dz=1.4mm

Reference Value = 50.479 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 34.8 W/kg

SAR(1 g) = 7.71 W/kg; SAR(10 g) = 2.16 W/kg

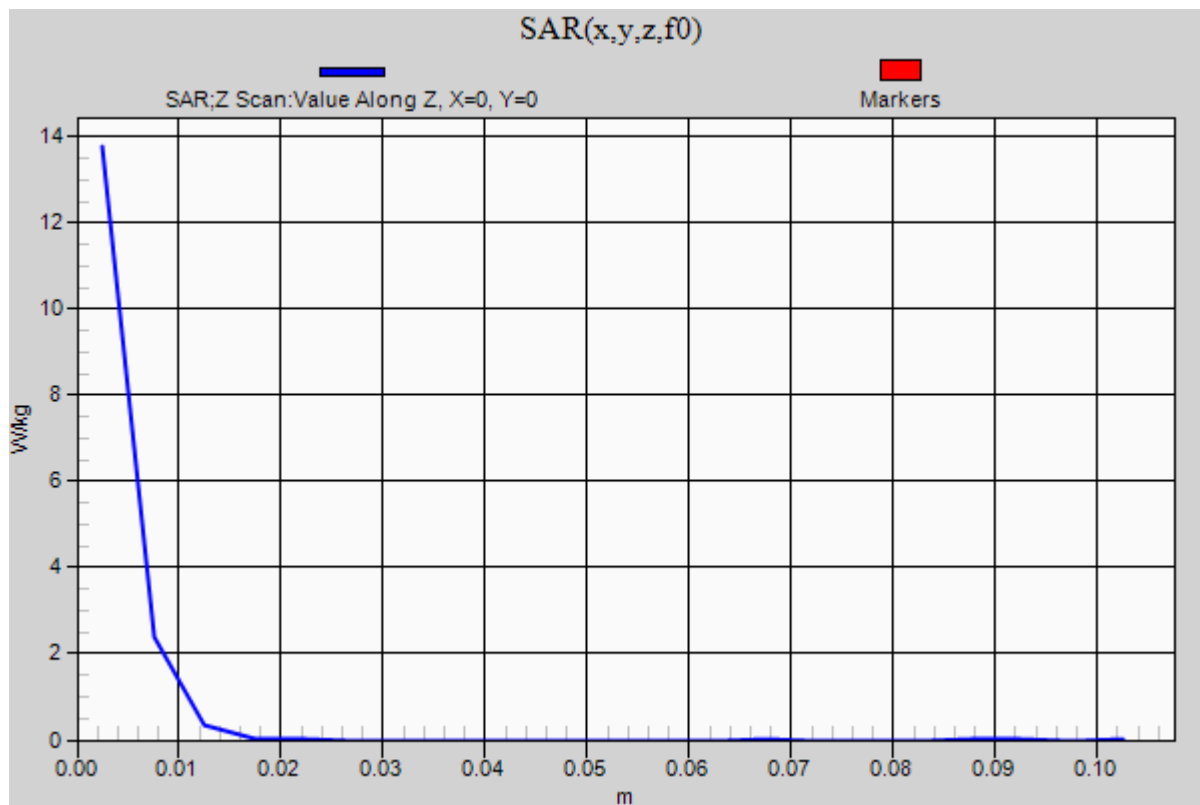
Maximum value of SAR (measured) = 19.2 W/kg



0 dB = 19.2 W/kg = 12.83 dBW/kg

20140123_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) = 13.8 W/kg

20140123_SystemPerformanceCheck-D5GHzV2 SN 1168

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

Medium parameters used: $f = 5600$ MHz; $\sigma = 4.842$ S/m; $\epsilon_r = 35.243$; $\rho = 1000$ 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: 2/8/2013
- Probe: EX3DV4 - SN3773; ConvF(4.18, 4.18, 4.18); Calibrated: 4/26/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: S/n:1772

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

Reference Value = 56.849 V/m; Power Drift = 0.07 dB

Fast SAR: SAR(1 g) = 8.65 W/kg; SAR(10 g) = 2.4 W/kg

Maximum value of SAR (interpolated) = 23.1 W/kg

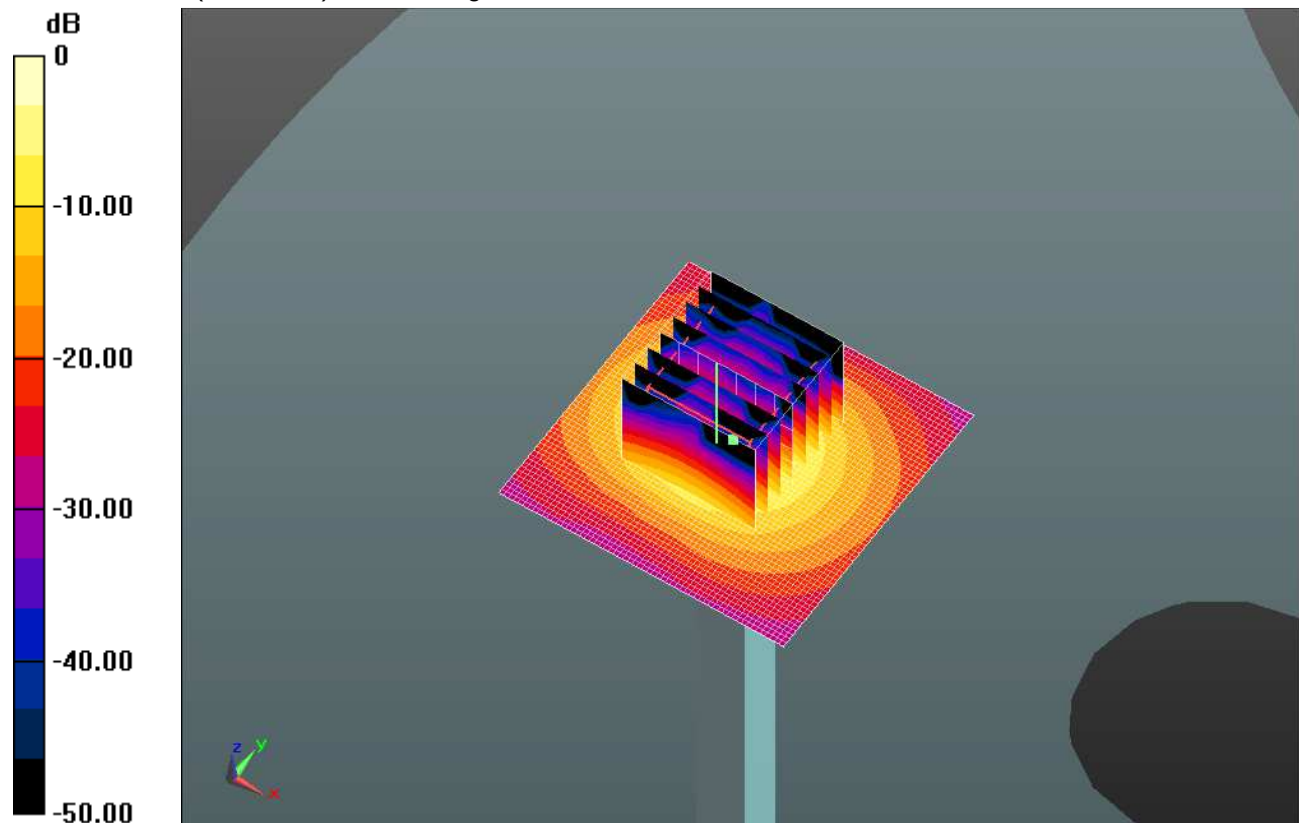
Head/5.6 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 56.849 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 41.0 W/kg

SAR(1 g) = 9.16 W/kg; SAR(10 g) = 2.61 W/kg

Maximum value of SAR (measured) = 22.6 W/kg

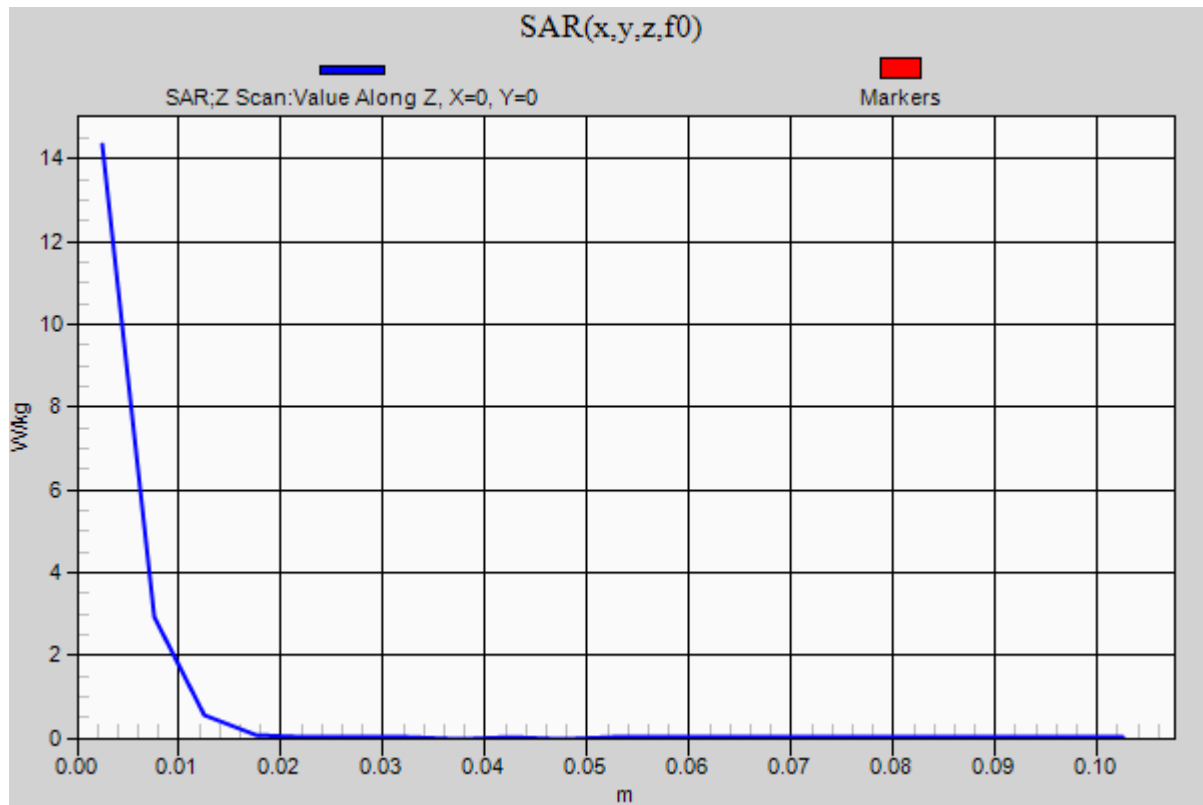


0 dB = 22.6 W/kg = 13.54 dBW/kg

20140123_SystemPerformanceCheck-D5GHzV2 SN 1168

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) = 14.3 W/kg



20140115_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; $\sigma = 5.071$ S/m; $\epsilon_r = 35.703$; $\rho = 1000$ 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: 2/8/2013
- Probe: EX3DV4 - SN3773; ConvF(4.27, 4.27, 4.27); Calibrated: 4/26/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CA; Serial: 1185

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

Reference Value = 54.993 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 7.67 W/kg; SAR(10 g) = 2.13 W/kg

Maximum value of SAR (interpolated) = 21.2 W/kg

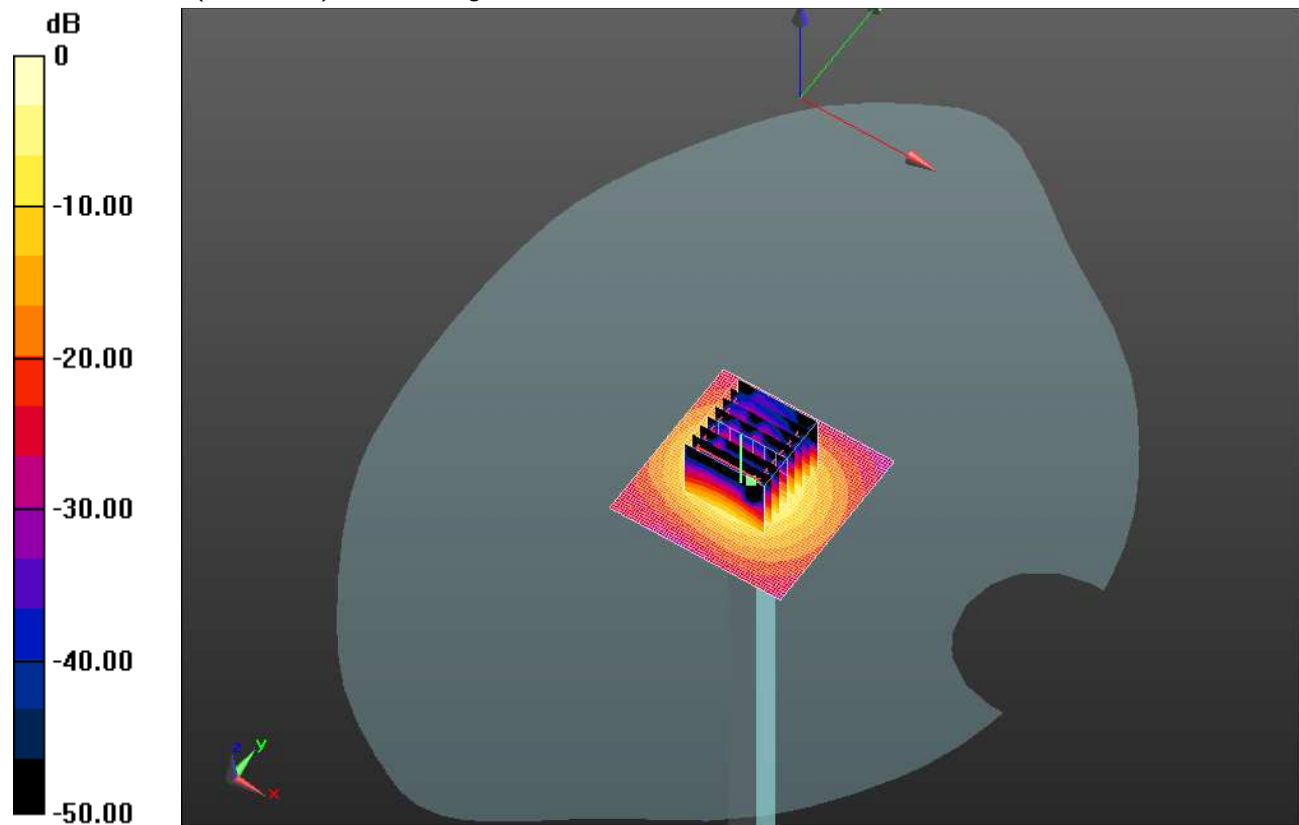
Head/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 54.993 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 38.1 W/kg

SAR(1 g) = 8.28 W/kg; SAR(10 g) = 2.36 W/kg

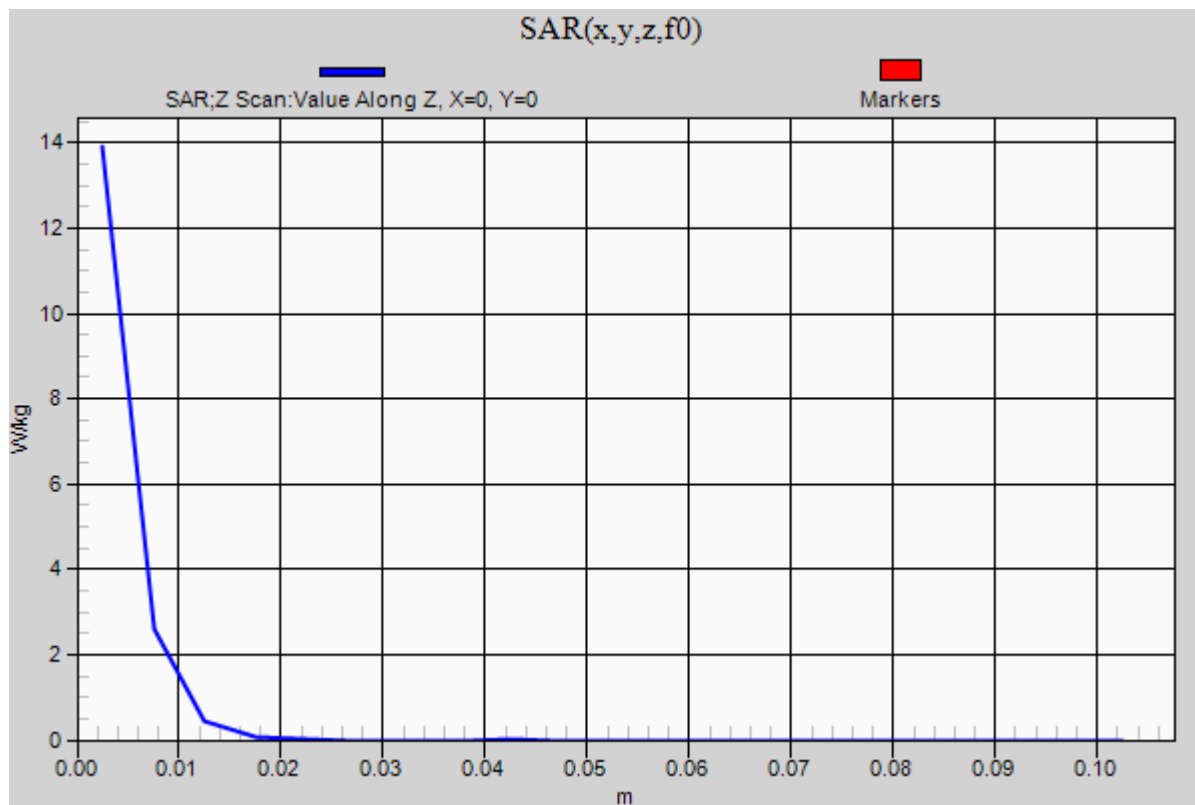
Maximum value of SAR (measured) = 20.5 W/kg



0 dB = 20.5 W/kg = 13.12 dBW/kg

20140115_SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5800 MHz; Duty Cycle: 1:1

Head/5.8 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.9 W/kg

20140114_SystemPerformanceCheck-D2450V2 SN 706

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

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.012$ S/m; $\epsilon_r = 51.604$; $\rho = 1000$ 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 Sn1377; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3902; ConvF(7.2, 7.2, 7.2); Calibrated: 7/12/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

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

Reference Value = 49.971 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 5.17 W/kg; SAR(10 g) = 2.19 W/kg

Maximum value of SAR (interpolated) = 7.77 W/kg

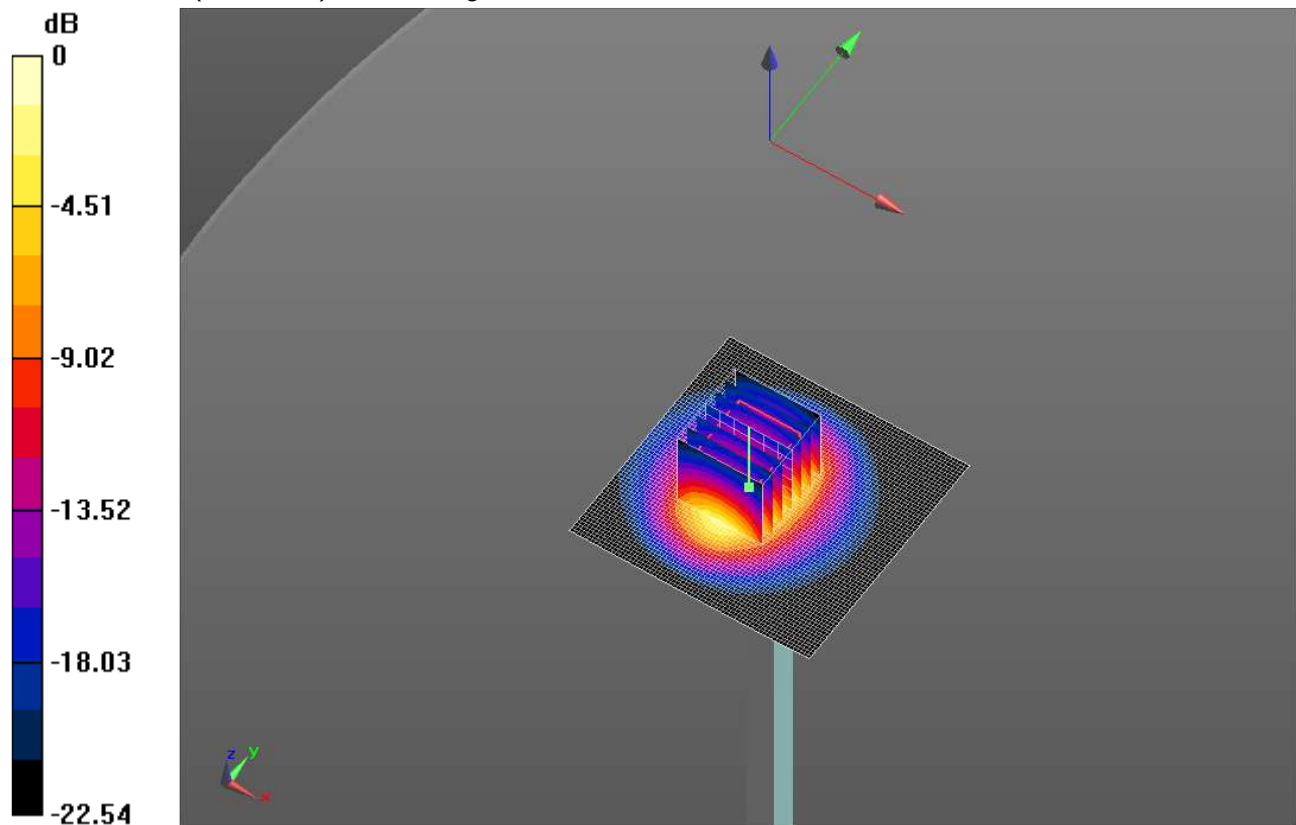
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.971 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 10.9 W/kg

SAR(1 g) = 5.17 W/kg; SAR(10 g) = 2.38 W/kg

Maximum value of SAR (measured) = 7.39 W/kg



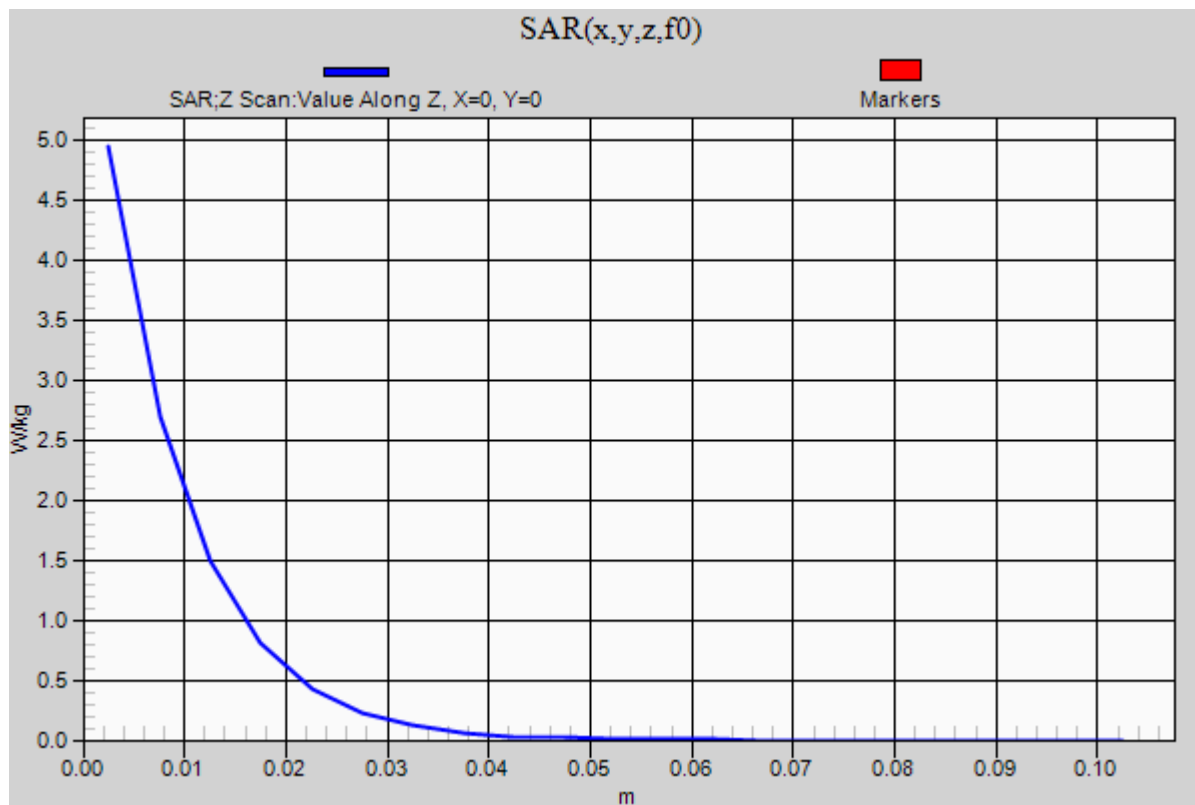
0 dB = 7.39 W/kg = 8.69 dBW/kg

20140114_SystemPerformanceCheck-D2450V2 SN 706

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) = 4.94 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; $\sigma = 1.386$ S/m; $\epsilon_r = 40.801$; $\rho = 1000$ 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 Sn1258; Calibrated: 3/6/2013
- Probe: EX3DV4 - SN3929; ConvF(7.71, 7.71, 7.71); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

Head in Flat Phantom/Touch ant 7mm_GPRS_2 Slot_ch 661/Area Scan (8x18x1):

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

Maximum value of SAR (measured) = 0.683 W/kg

Head in Flat Phantom/Touch ant 7mm_GPRS_2 Slot_ch 661/Zoom Scan (5x5x7)/Cube 0:

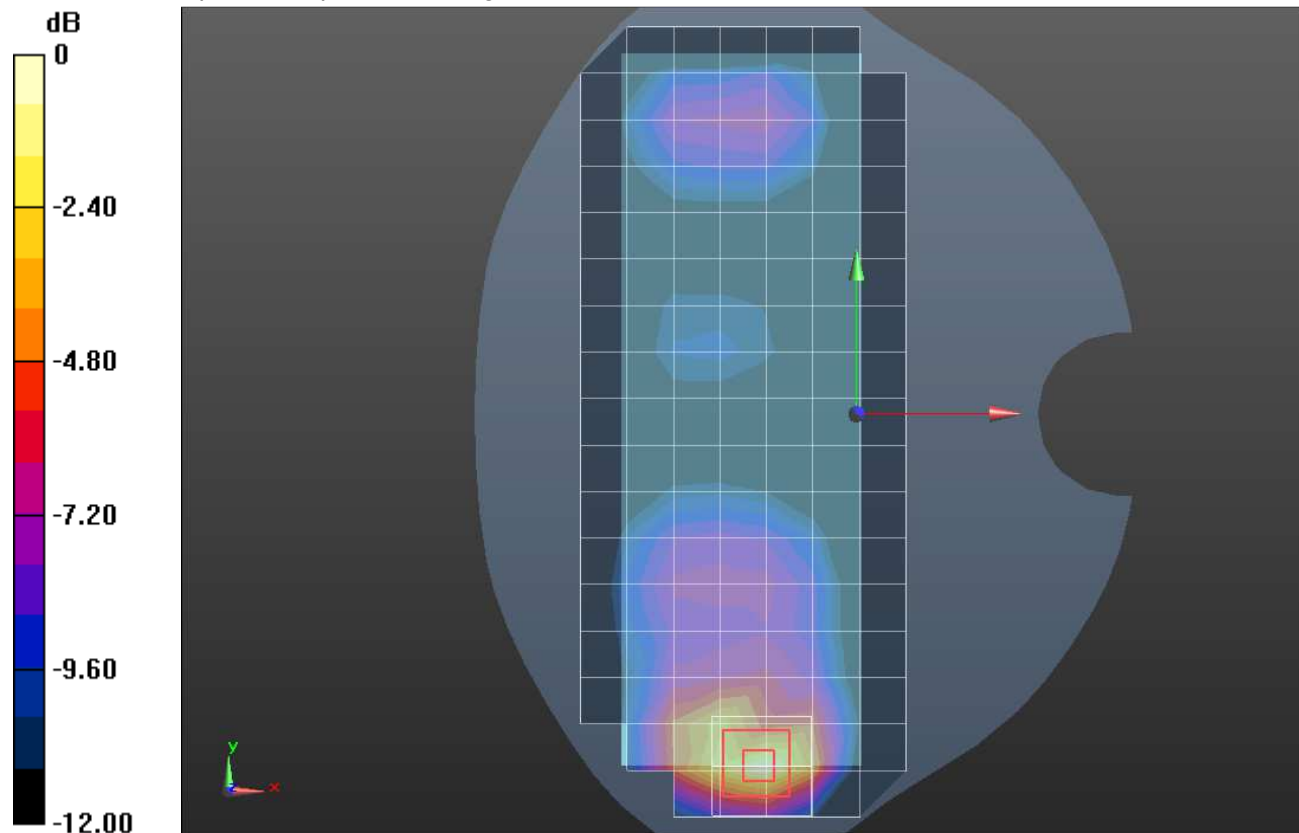
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.280 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.960 W/kg

SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.718 W/kg



0 dB = 0.718 W/kg = -1.44 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; $\sigma = 1.522$ S/m; $\epsilon_r = 53.225$; $\rho = 1000$ 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 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(7.28, 7.28, 7.28); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

Rear/GSM Voice ch_661/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.519 W/kg

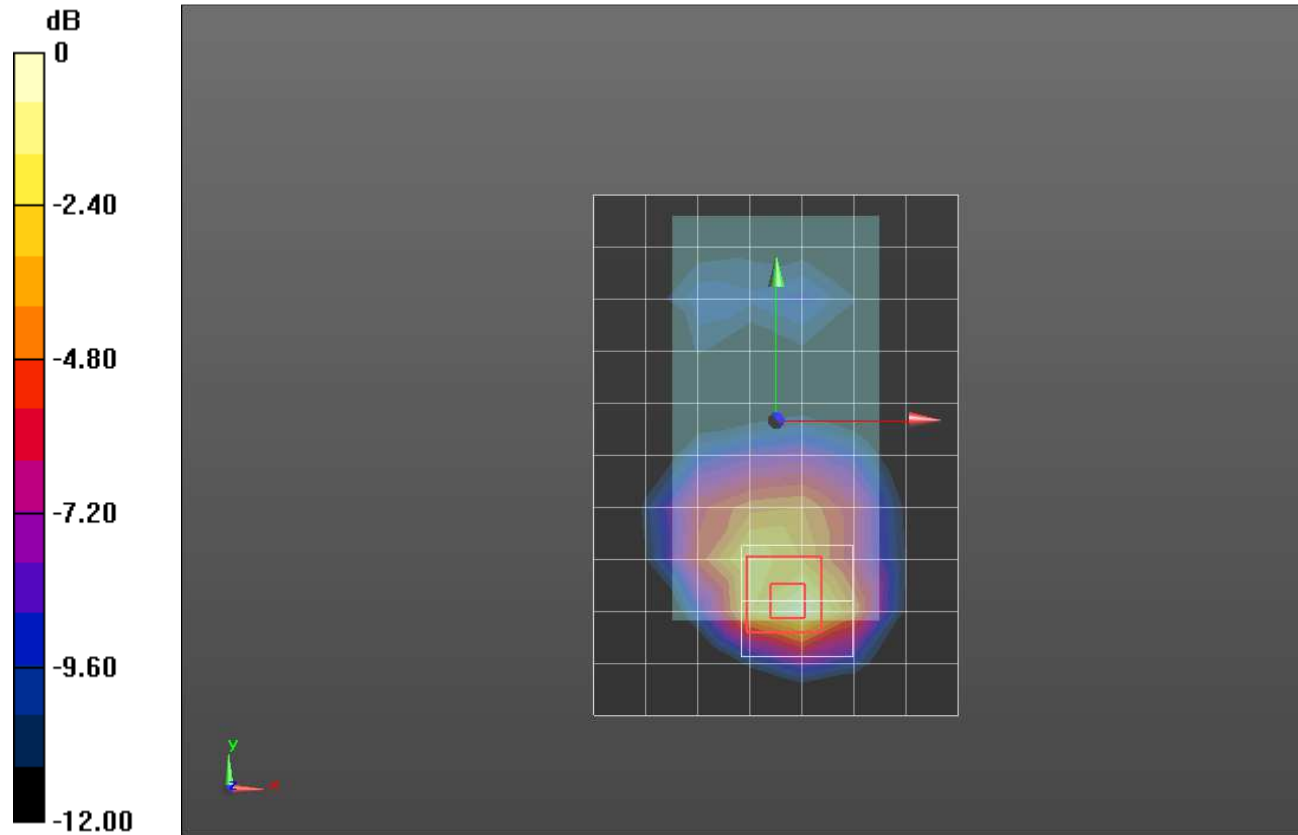
Rear/GSM Voice ch_661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.680 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.730 W/kg

SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.212 W/kg

Maximum value of SAR (measured) = 0.538 W/kg



0 dB = 0.538 W/kg = -2.69 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; $\sigma = 1.522$ S/m; $\epsilon_r = 53.225$; $\rho = 1000$ 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 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(7.28, 7.28, 7.28); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

Rear/GPRS 2 slots_ch 661/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.794 W/kg

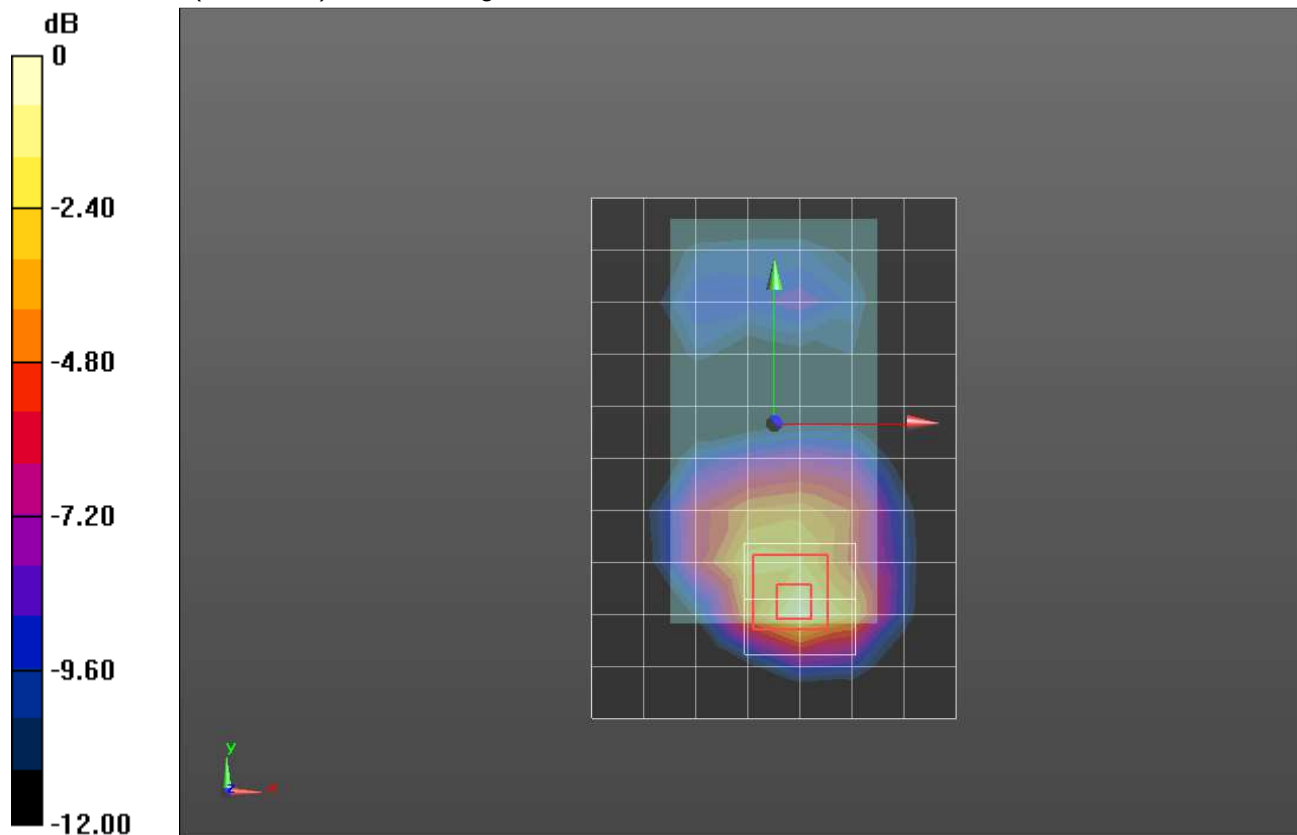
Rear/GPRS 2 slots_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.454 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.332 W/kg

Maximum value of SAR (measured) = 0.847 W/kg



0 dB = 0.847 W/kg = -0.72 dBW/kg

2.4GHz

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; $\sigma = 1.836$ S/m; $\epsilon_r = 40.063$; $\rho = 1000$ 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 Sn1377; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3902; ConvF(7.49, 7.49, 7.49); Calibrated: 7/12/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1768

Head in Flat Phantom/Touch ant 7mm_802.11b ch 6/Area Scan (10x22x1): Measurement grid:
dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.0569 W/kg

Head in Flat Phantom/Touch ant 7mm_802.11b ch 6/Zoom Scan (7x7x7)/Cube 0:

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

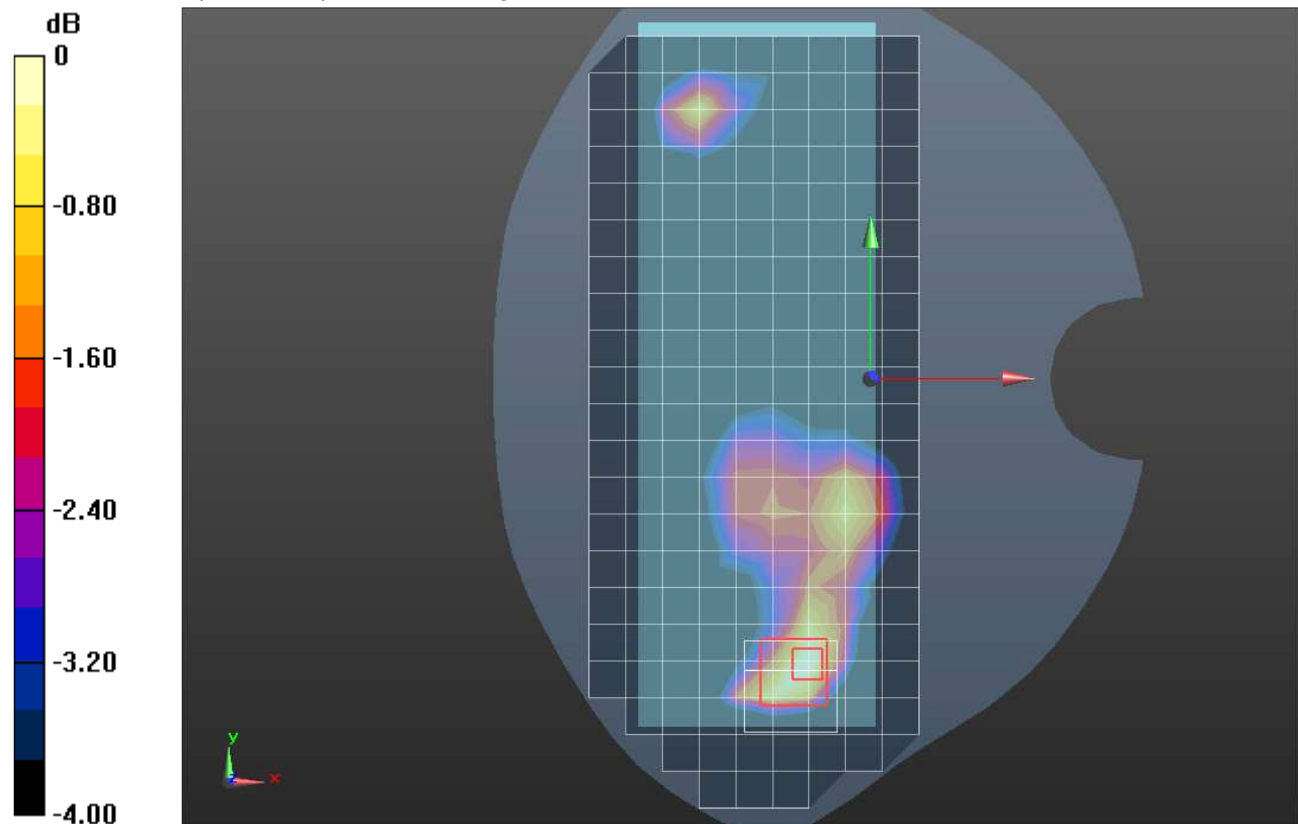
Reference Value = 5.425 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.0770 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.019 W/kg

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

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



0 dB = 0.0543 W/kg = -12.65 dBW/kg

2.4GHz

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; $\sigma = 1.996$ S/m; $\epsilon_r = 51.656$; $\rho = 1000$ 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 Sn1377; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3902; ConvF(7.2, 7.2, 7.2); Calibrated: 7/12/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

Rear/802.11b_ch 6/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.165 W/kg

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

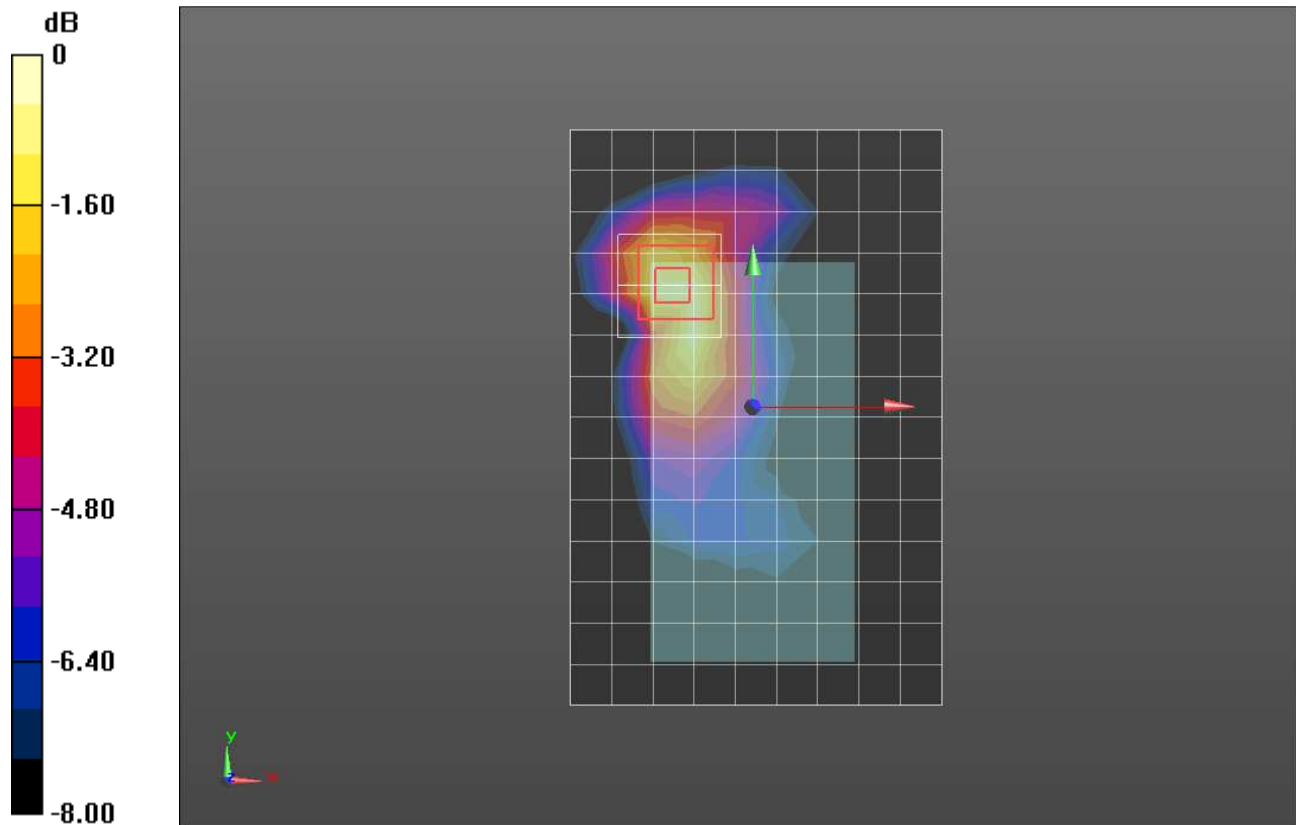
Reference Value = 9.129 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.072 W/kg

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

Maximum value of SAR (measured) = 0.189 W/kg



0 dB = 0.189 W/kg = -7.24 dBW/kg

5GHz

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5745$ MHz; $\sigma = 4.987$ S/m; $\epsilon_r = 35.054$; $\rho = 1000$ 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: 2/8/2013
- Probe: EX3DV4 - SN3773; ConvF(4.27, 4.27, 4.27); Calibrated: 4/26/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CA; Serial: 1185

DTS/Touch ant 7 mm_802.11a_Ch 149/Area Scan (11x26x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0327 W/kg

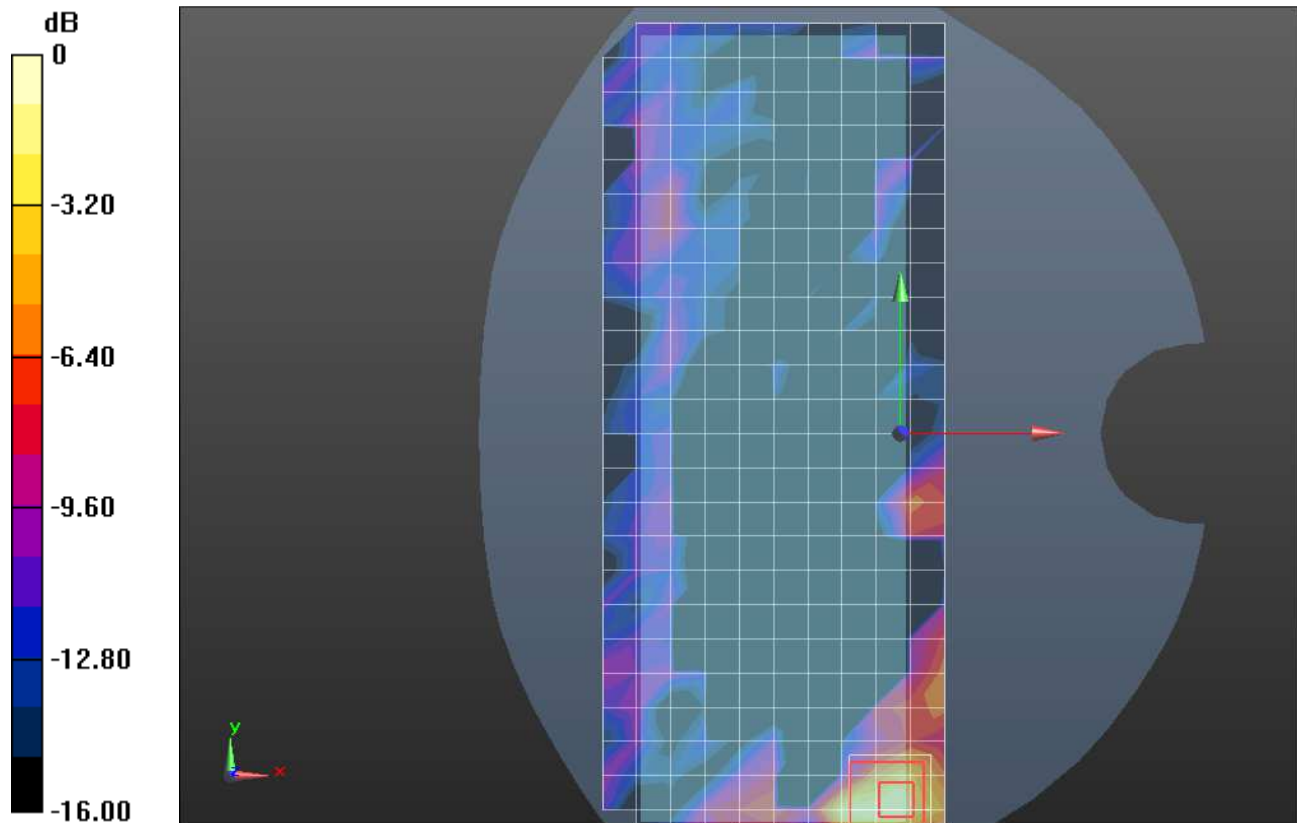
DTS/Touch ant 7 mm_802.11a_Ch 149/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.509 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00496 W/kg

Maximum value of SAR (measured) = 0.0394 W/kg



0 dB = 0.0394 W/kg = -14.05 dBW/kg

5GHz

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5745$ MHz; $\sigma = 6.148$ S/m; $\epsilon_r = 46.747$; $\rho = 1000$ 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 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(3.81, 3.81, 3.81); Calibrated: 6/24/2013;
- 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: TP 1194

Rear/802.11a_Ch 149/Area Scan (10x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.851 W/kg

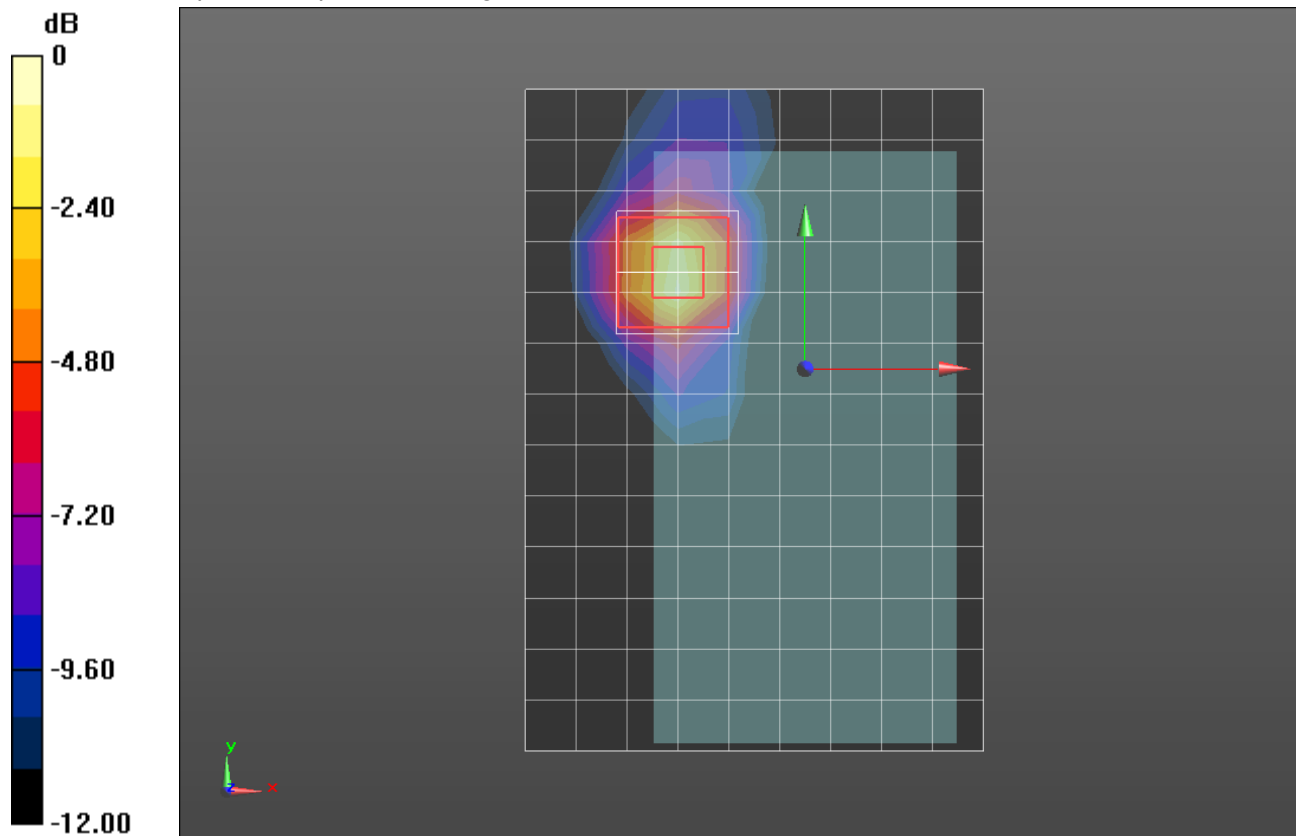
Rear/802.11a_Ch 149/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.552 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.970 W/kg



0 dB = 0.970 W/kg = -0.13 dBW/kg

5GHz

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.437$ S/m; $\epsilon_r = 36.482$; $\rho = 1000$ 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: 2/8/2013
- Probe: EX3DV4 - SN3773; ConvF(4.8, 4.8, 4.8); Calibrated: 4/26/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: S/n:1772

Head in Flat Phantom/Touch ant 7 mm_802.11a_Ch 36/Area Scan (11x26x1): Measurement

grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0856 W/kg

Head in Flat Phantom/Touch ant 7 mm_802.11a_Ch 36/Zoom Scan (7x7x12)/Cube 0:

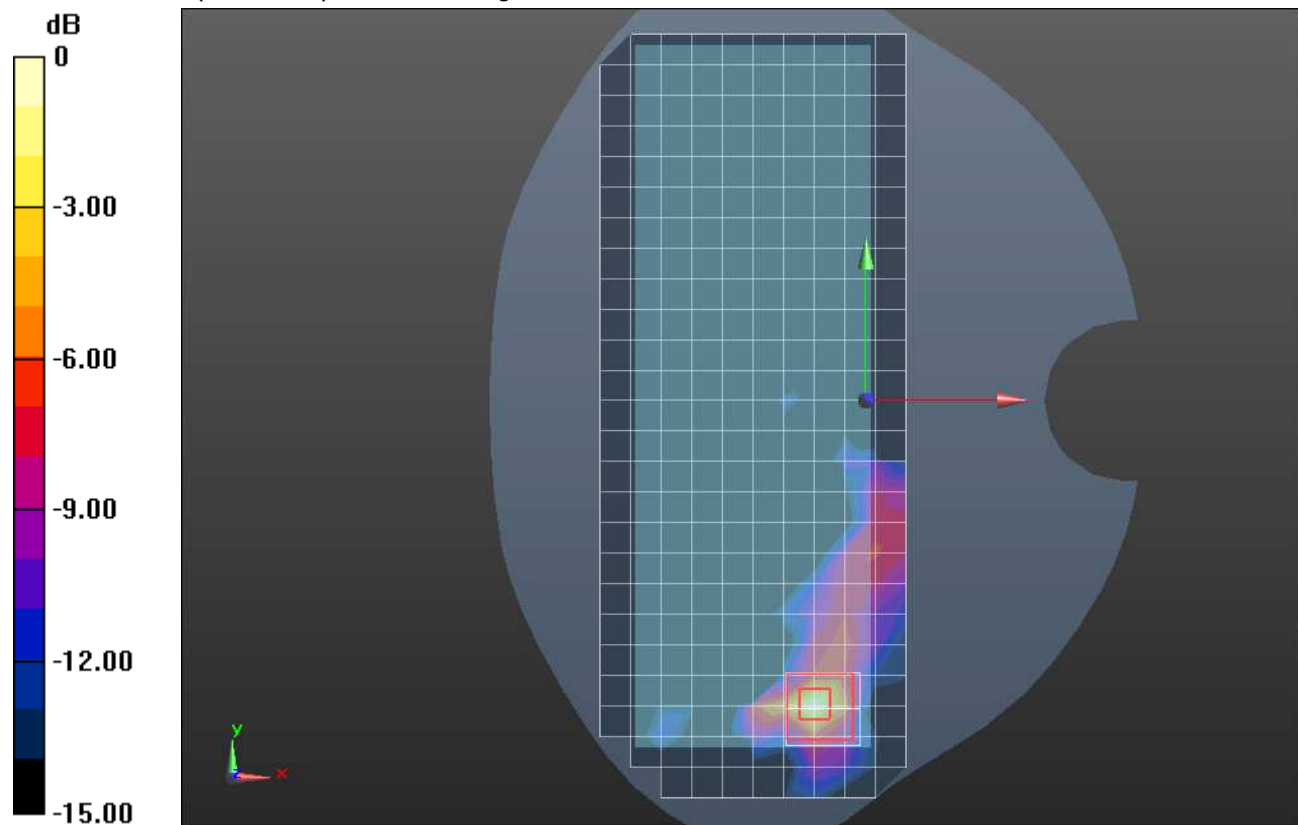
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.347 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.00708 W/kg

Maximum value of SAR (measured) = 0.0849 W/kg



0 dB = 0.0849 W/kg = -10.71 dBW/kg

5GHz

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5320$ MHz; $\sigma = 4.58$ S/m; $\epsilon_r = 36.289$; $\rho = 1000$ 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: 2/8/2013
- Probe: EX3DV4 - SN3773; ConvF(4.56, 4.56, 4.56); Calibrated: 4/26/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: S/n:1772

Head in Flat Phantom/Touch ant 7 mm_802.11a_Ch 64/Area Scan (11x26x1): Measurement

grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0914 W/kg

Head in Flat Phantom/Touch ant 7 mm_802.11a_Ch 64/Zoom Scan (7x7x12)/Cube 0:

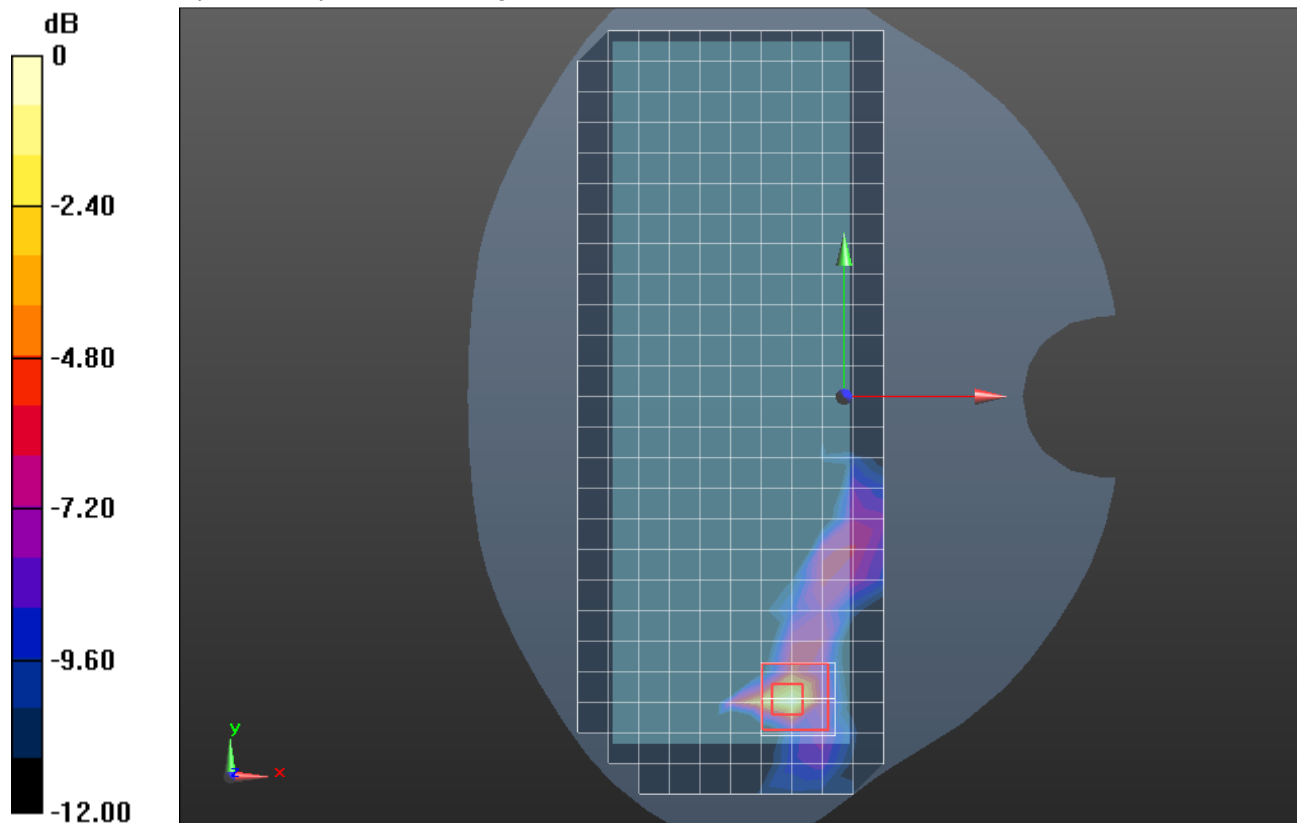
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.492 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.00859 W/kg

Maximum value of SAR (measured) = 0.0967 W/kg



0 dB = 0.0967 W/kg = -10.15 dBW/kg

5GHz

Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5620$ MHz; $\sigma = 4.878$ S/m; $\epsilon_r = 35.914$; $\rho = 1000$ 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: 2/8/2013
- Probe: EX3DV4 - SN3773; ConvF(4.18, 4.18, 4.18); Calibrated: 4/26/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: S/n:1772

Head in Flat Phantom/Touch ant 7 mm_802.11a_Ch 124/Area Scan (11x26x1): Measurement

grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.203 W/kg

Head in Flat Phantom/Touch ant 7 mm_802.11a_Ch 124/Zoom Scan (7x7x12)/Cube 0:

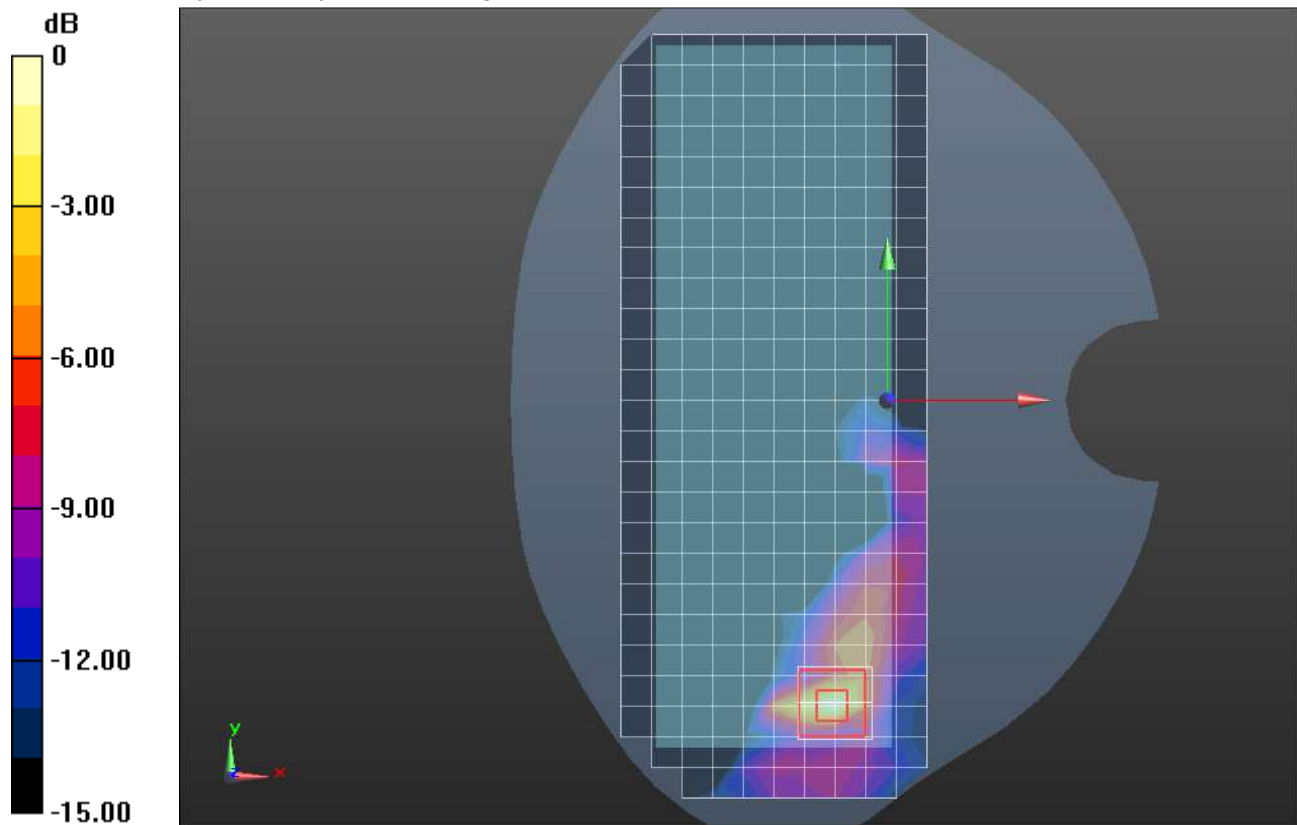
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.558 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.378 W/kg

SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.209 W/kg



0 dB = 0.209 W/kg = -6.80 dBW/kg

5GHz

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.395$ S/m; $\epsilon_r = 47.679$; $\rho = 1000$ 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 Sn1258; Calibrated: 3/6/2013
- Probe: EX3DV4 - SN3929; ConvF(4.28, 4.28, 4.28); Calibrated: 6/24/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

Rear/802.11a_Ch 36/Area Scan (10x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.340 W/kg

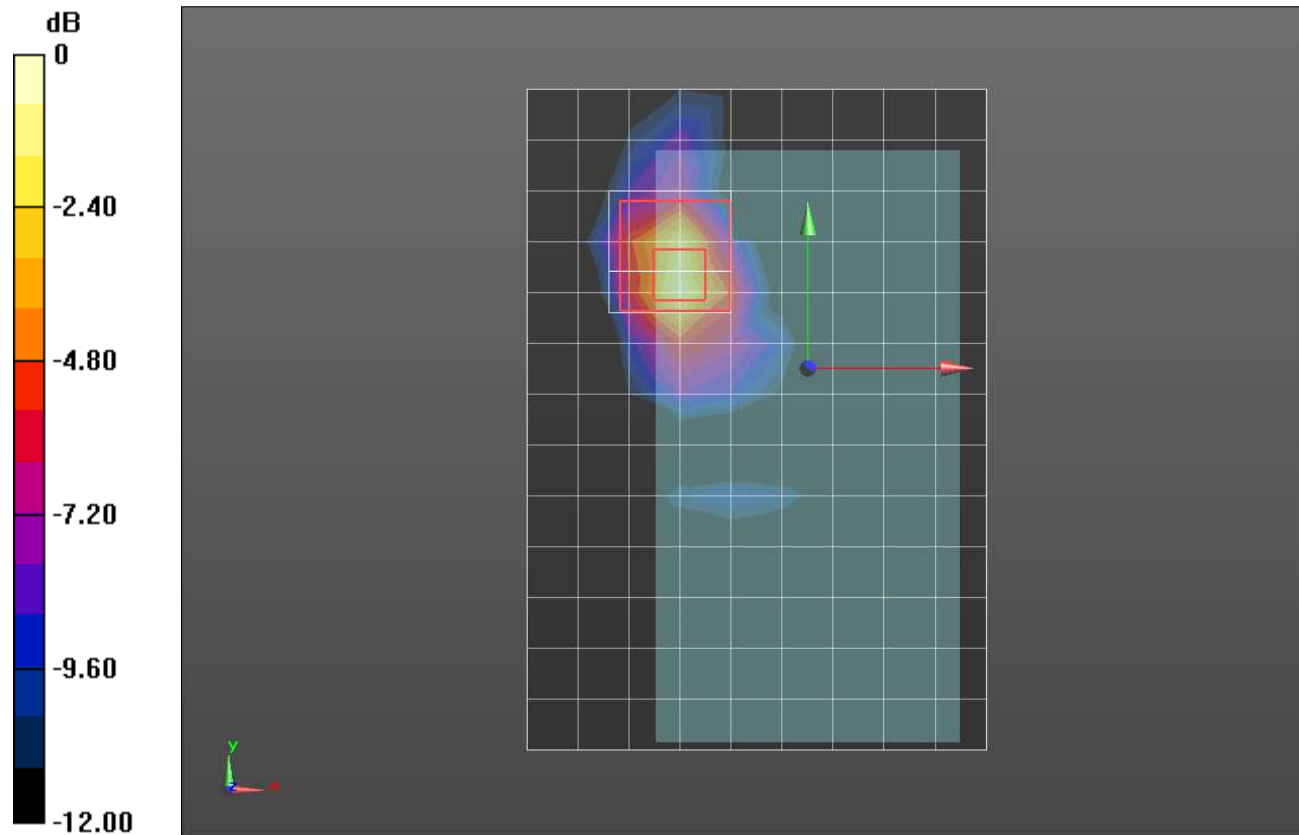
Rear/802.11a_Ch 36/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.645 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.723 W/kg

SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.376 W/kg



0 dB = 0.376 W/kg = -4.25 dBW/kg

5GHz

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5320$ MHz; $\sigma = 5.582$ S/m; $\epsilon_r = 47.463$; $\rho = 1000$ 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 Sn1258; Calibrated: 3/6/2013
- Probe: EX3DV4 - SN3929; ConvF(4.01, 4.01, 4.01); Calibrated: 6/24/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

Rear/802.11a_Ch 64/Area Scan (10x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.615 W/kg

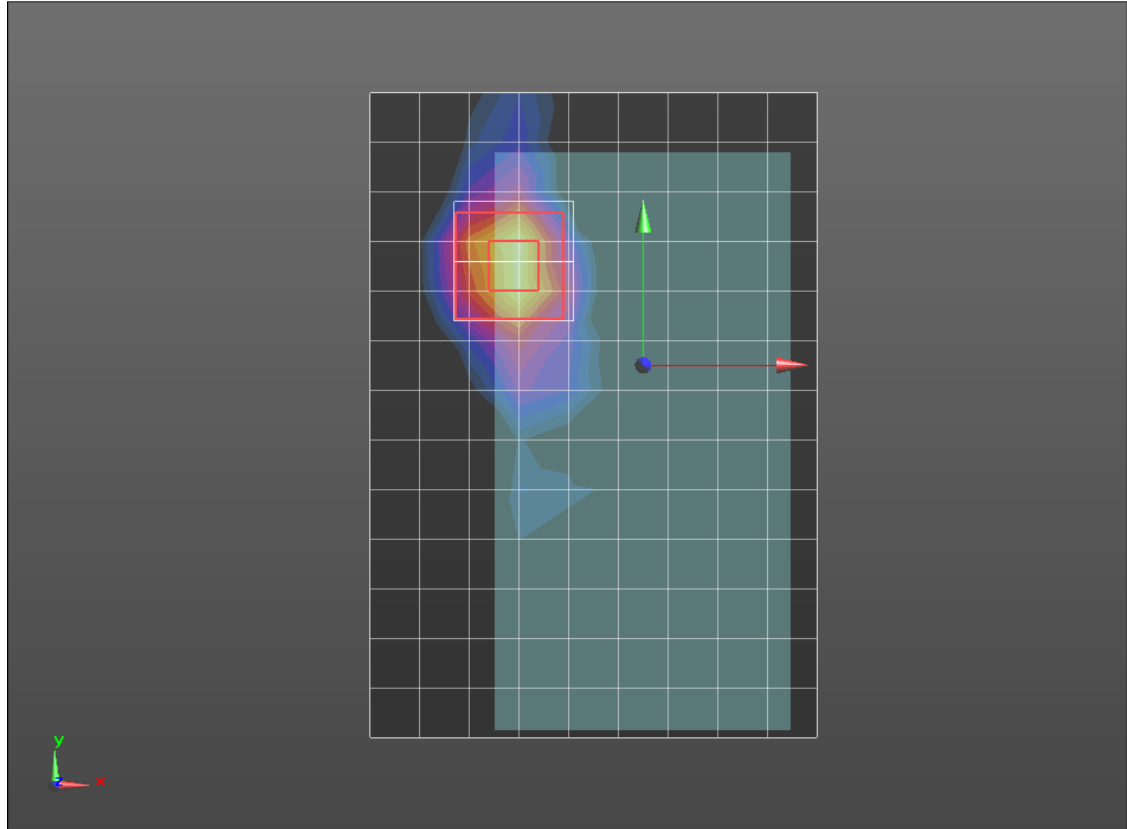
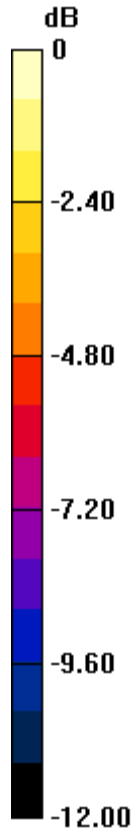
Rear/802.11a_Ch 64/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.204 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.108 W/kg

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



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

5GHz

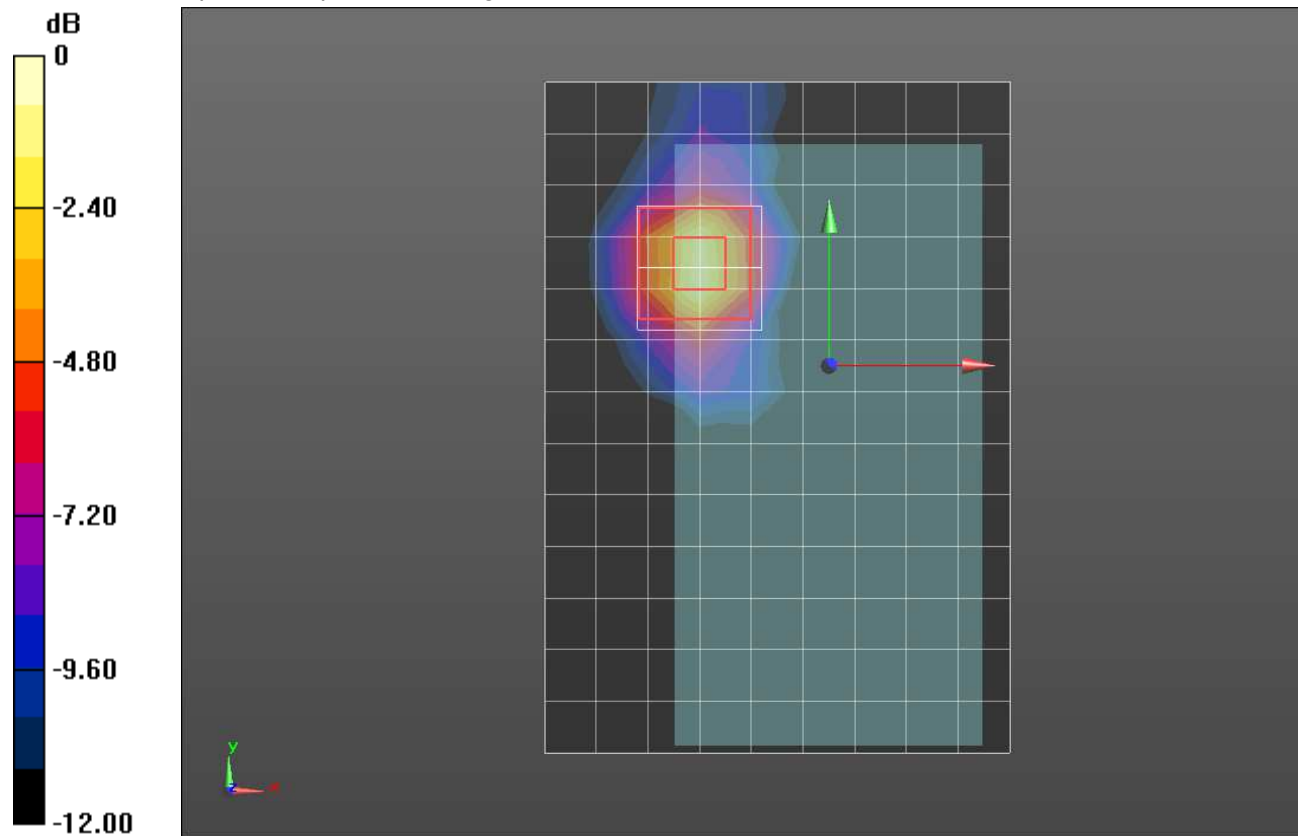
Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5620$ MHz; $\sigma = 5.974$ S/m; $\epsilon_r = 46.971$; $\rho = 1000$ kg/m³

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 Sn1258; Calibrated: 3/6/2013
- Probe: EX3DV4 - SN3929; ConvF(3.62, 3.62, 3.62); Calibrated: 6/24/2013;
- 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: TP 1194

Rear/802.11a_Ch 124/Area Scan (10x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.793 W/kg

Rear/802.11a_Ch 124/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 11.367 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.134 W/kg
Maximum value of SAR (measured) = 0.941 W/kg



0 dB = 0.941 W/kg = -0.26 dBW/kg