

20140902 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: $f = 2450 \text{ MHz}$; $\sigma = 2.043 \text{ S/m}$; $\epsilon_r = 52.437$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3902; ConvF(7.35, 7.35, 7.35); Calibrated: 5/19/2014;
- 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 = 61.236 V/m; Power Drift = 0.14 dB

Fast SAR: SAR(1 g) = 5.39 W/kg; SAR(10 g) = 2.35 W/kg

Maximum value of SAR (interpolated) = 7.90 W/kg

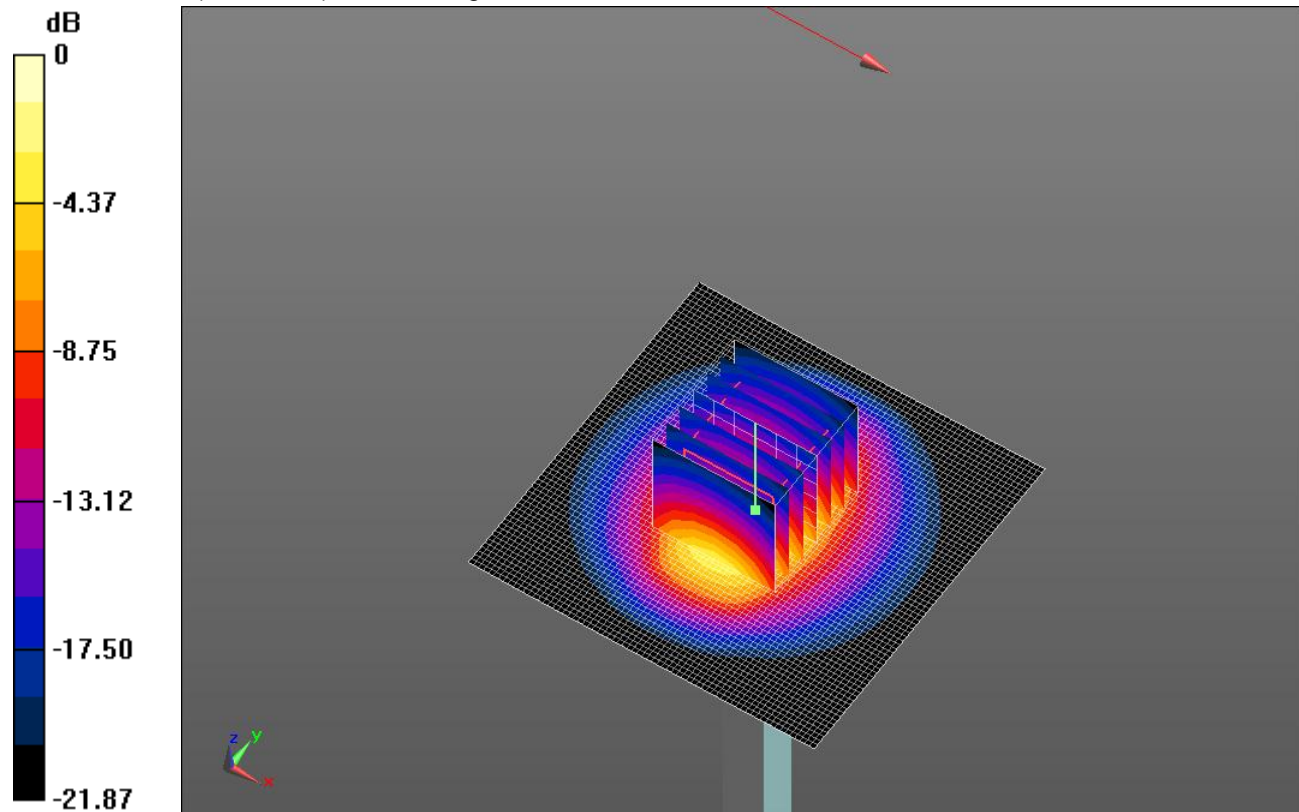
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.236 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 11.3 W/kg

SAR(1 g) = 5.45 W/kg; SAR(10 g) = 2.52 W/kg

Maximum value of SAR (measured) = 7.78 W/kg

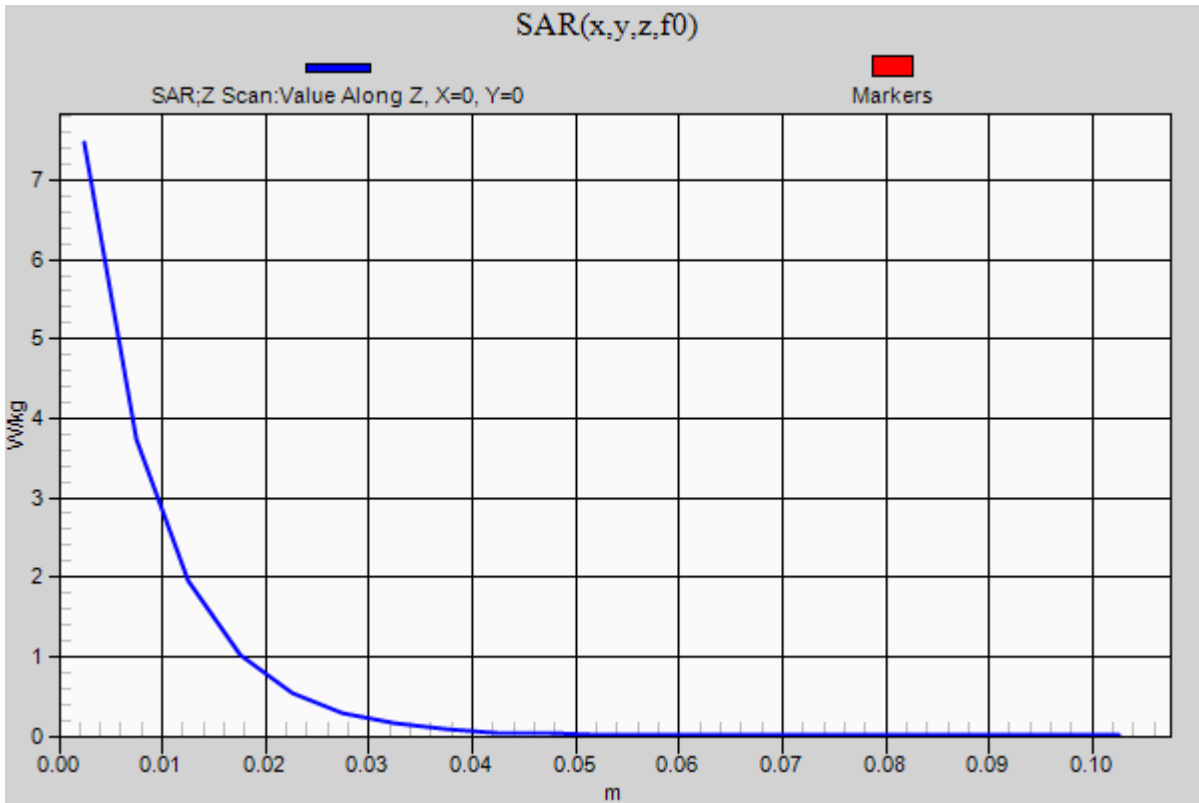


0 dB = 7.78 W/kg = 8.91 dBW/kg

20140902 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) = 7.47 W/kg



20140902_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: $f = 835 \text{ MHz}$; $\sigma = 0.933 \text{ S/m}$; $\epsilon_r = 41.986$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(9.94, 9.94, 9.94); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

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

Reference Value = 34.45 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.712 W/kg

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

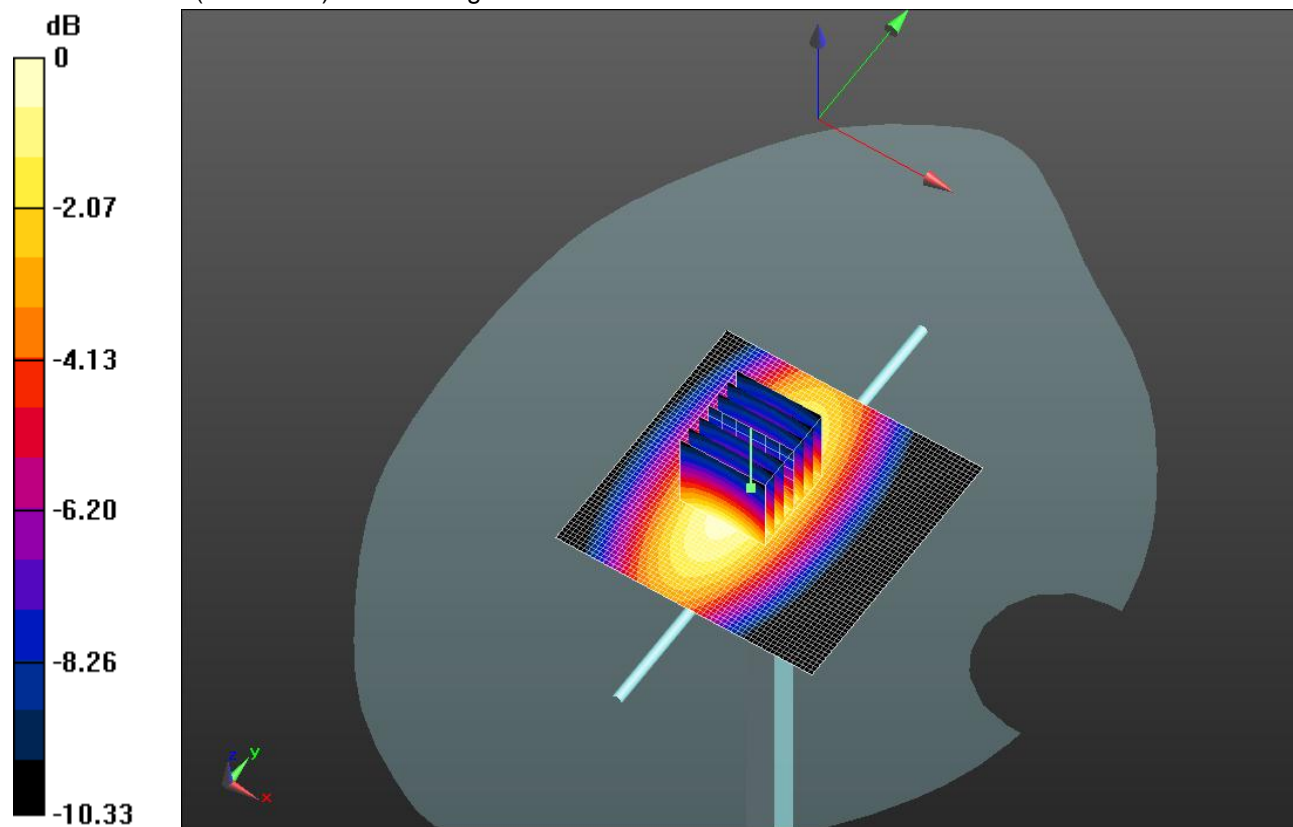
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.45 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.679 W/kg

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

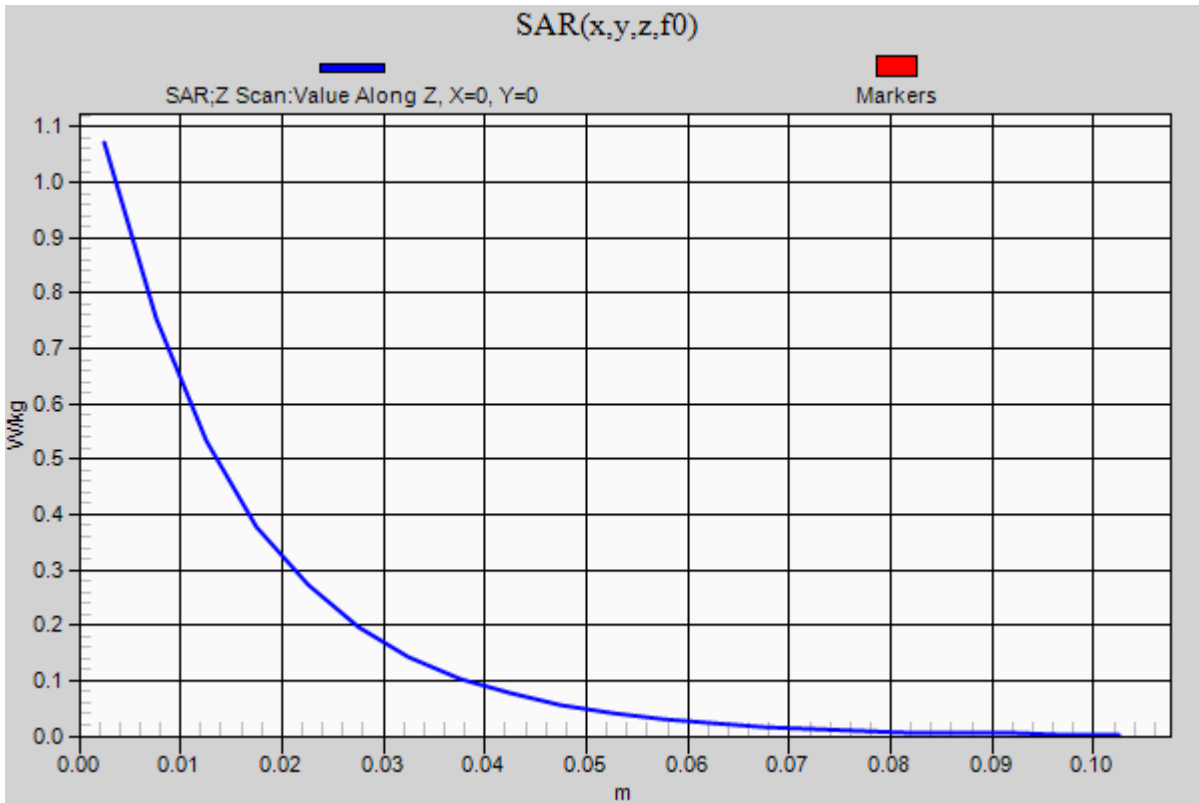


0 dB = 1.25 W/kg = 0.97 dBW/kg

20140902_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) = 1.07 W/kg



20140903_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; $\sigma = 1.409$ S/m; $\epsilon_r = 39.284$; $\rho = 1000$ 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 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(8.55, 8.55, 8.55); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

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

Reference Value = 47.46 V/m; Power Drift = 0.17 dB

Fast SAR: SAR(1 g) = 3.84 W/kg; SAR(10 g) = 2.03 W/kg

Maximum value of SAR (interpolated) = 5.12 W/kg

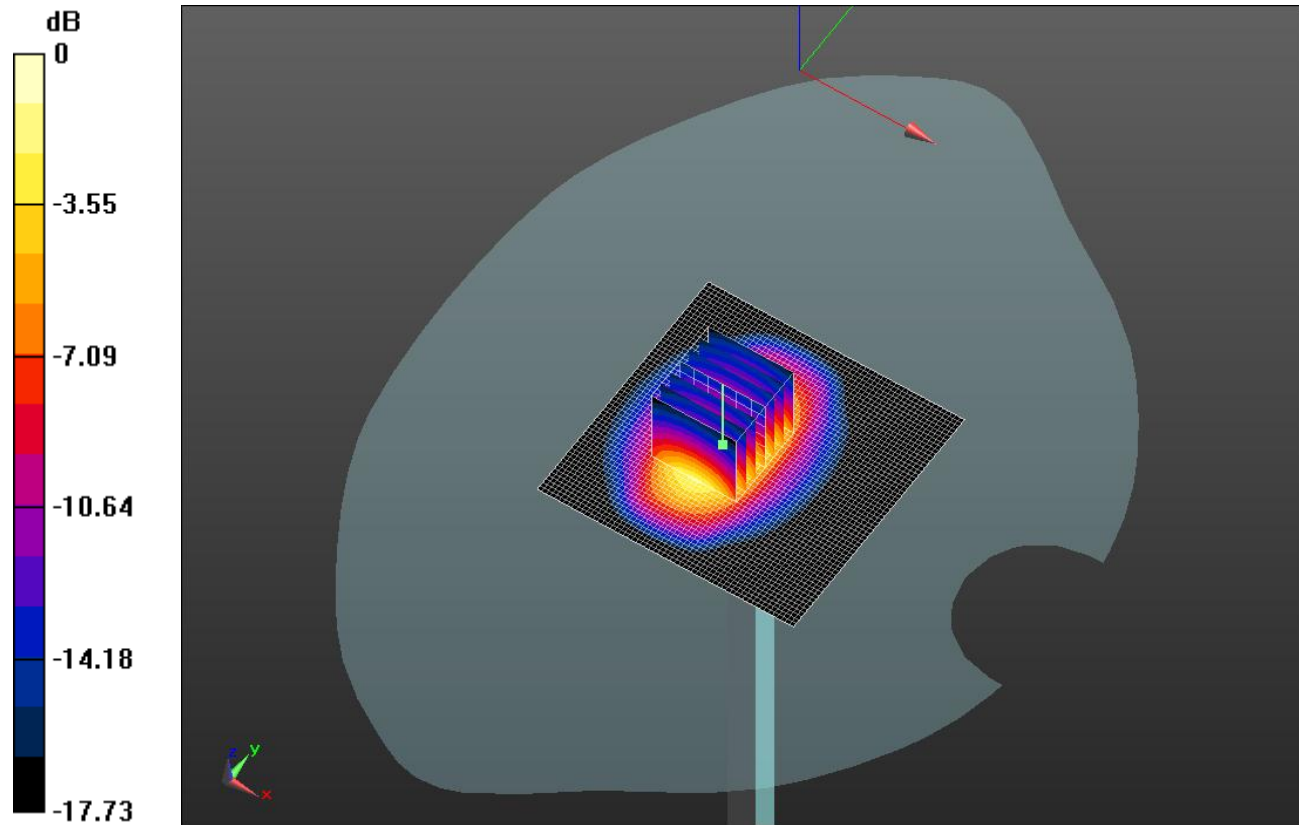
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.46 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 7.18 W/kg

SAR(1 g) = 3.83 W/kg; SAR(10 g) = 1.98 W/kg

Maximum value of SAR (measured) = 5.21 W/kg



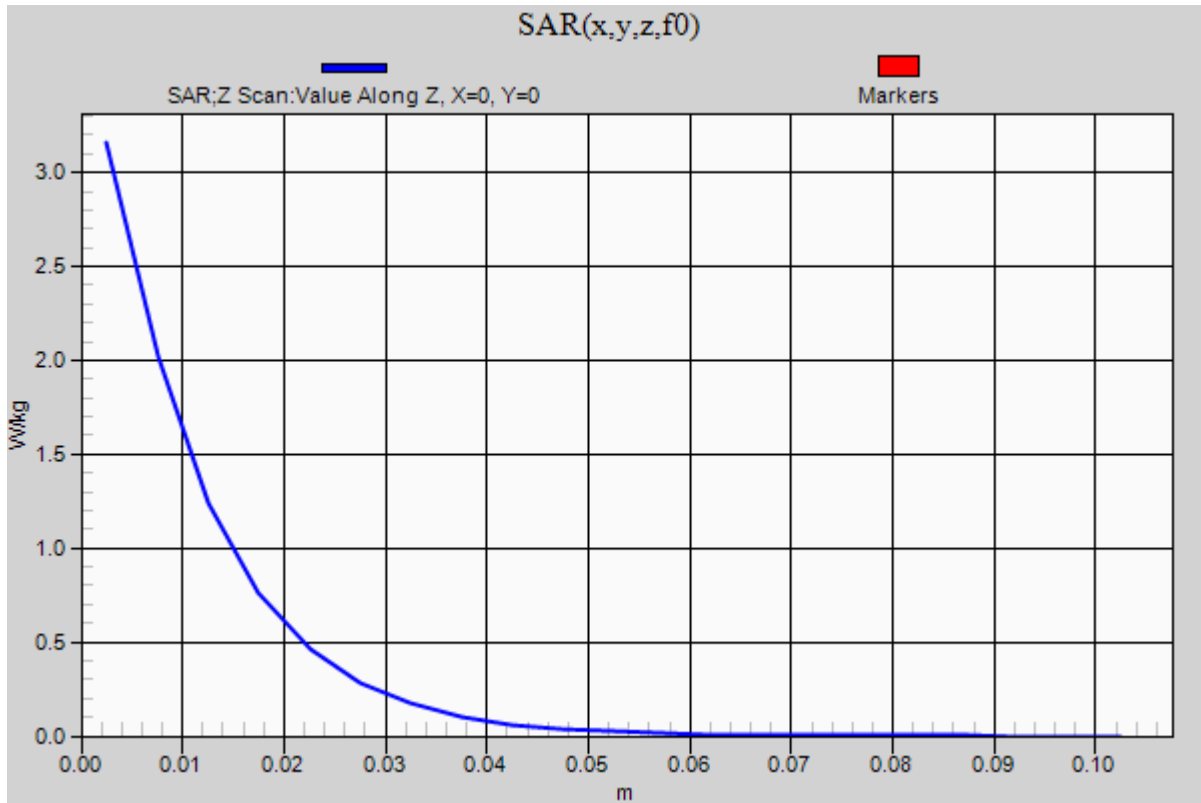
0 dB = 5.21 W/kg = 7.17 dBW/kg

20140903_SystemPerformanceCheck-D1900V2 SN 5d163

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) = 3.16 W/kg



20140828_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: $f = 2450 \text{ MHz}$; $\sigma = 1.875 \text{ S/m}$; $\epsilon_r = 37.795$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(7.45, 7.45, 7.45); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

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

Reference Value = 47.84 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 5.59 W/kg; SAR(10 g) = 2.45 W/kg

Maximum value of SAR (interpolated) = 8.16 W/kg

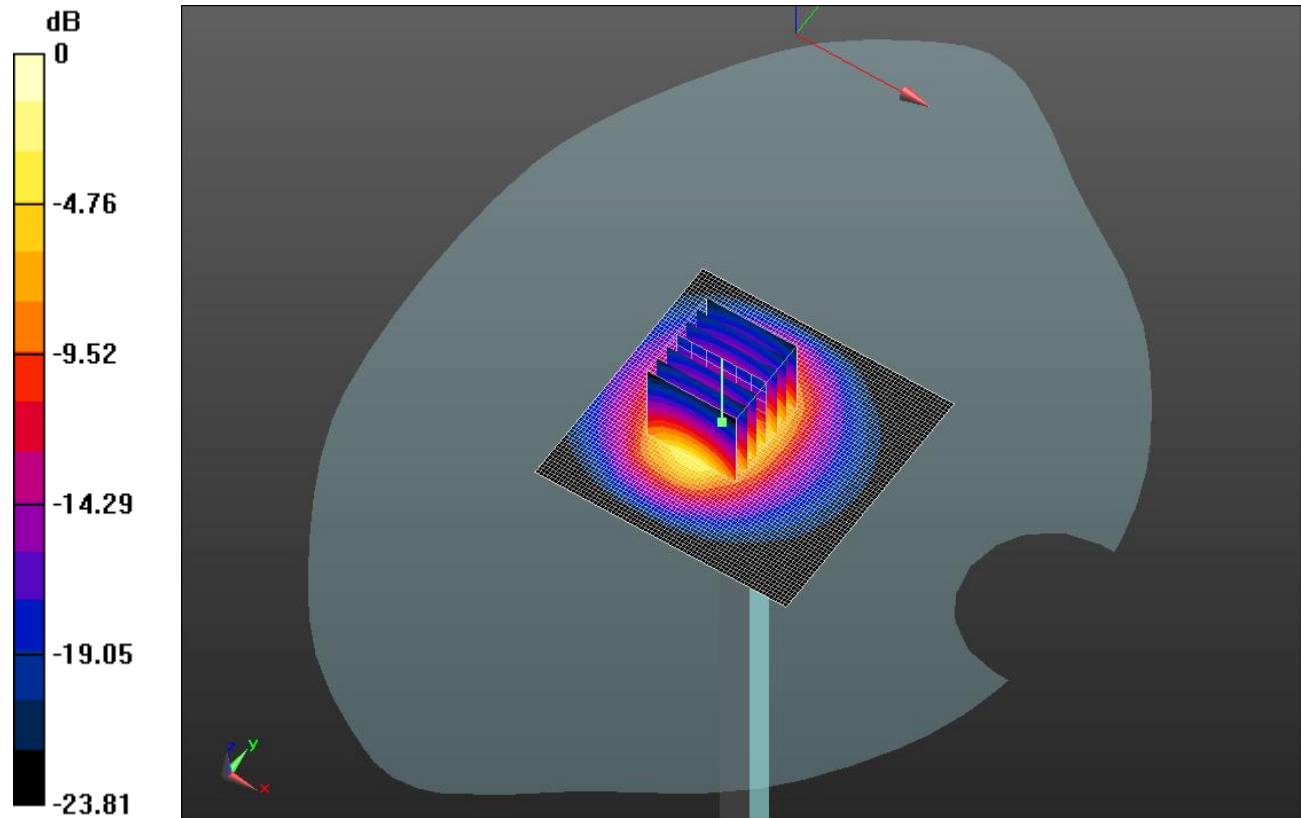
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.84 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 11.4 W/kg

SAR(1 g) = 5.26 W/kg; SAR(10 g) = 2.38 W/kg

Maximum value of SAR (measured) = 7.56 W/kg

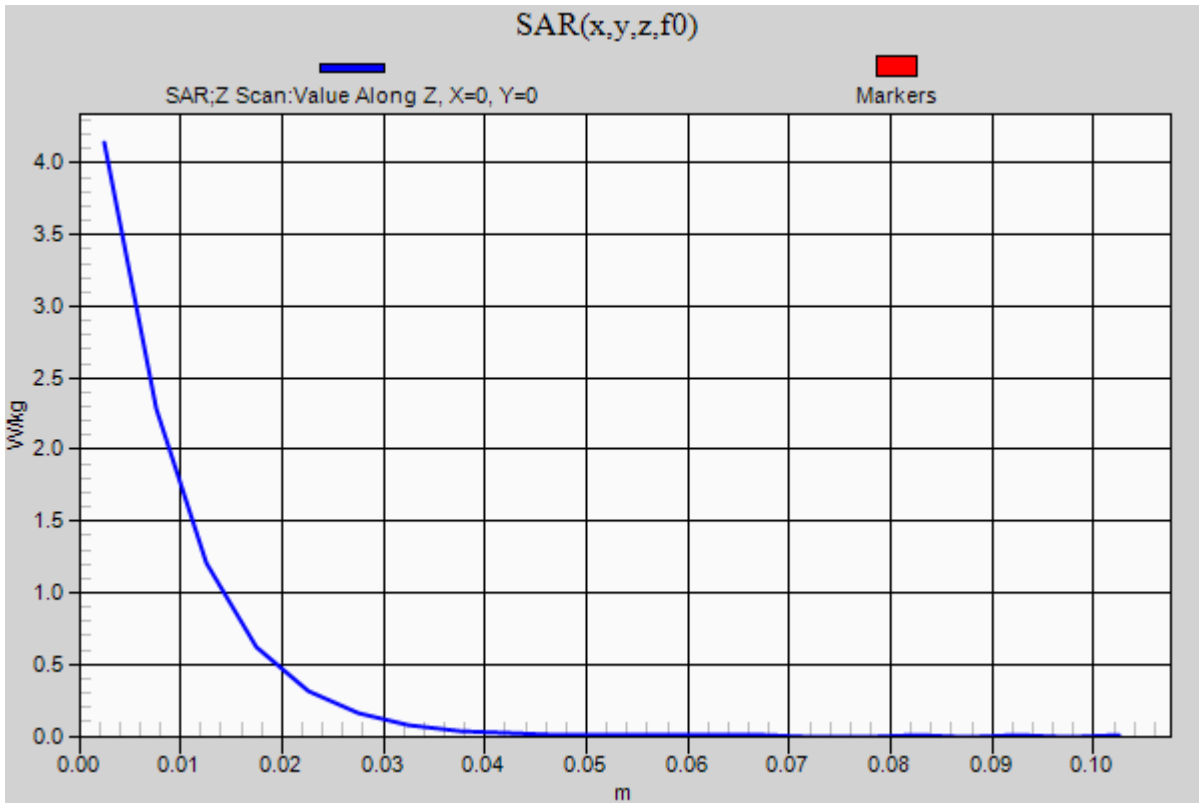


0 dB = 7.56 W/kg = 8.79 dBW/kg

20140828_SystemPerformanceCheck-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) = 4.14 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; $\sigma = 0.935$ S/m; $\epsilon_r = 41.962$; $\rho = 1000$ 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 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(9.94, 9.94, 9.94); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

LHS/Touch_GSM Voice Channel 190/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.216 W/kg

LHS/Touch_GSM Voice Channel 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

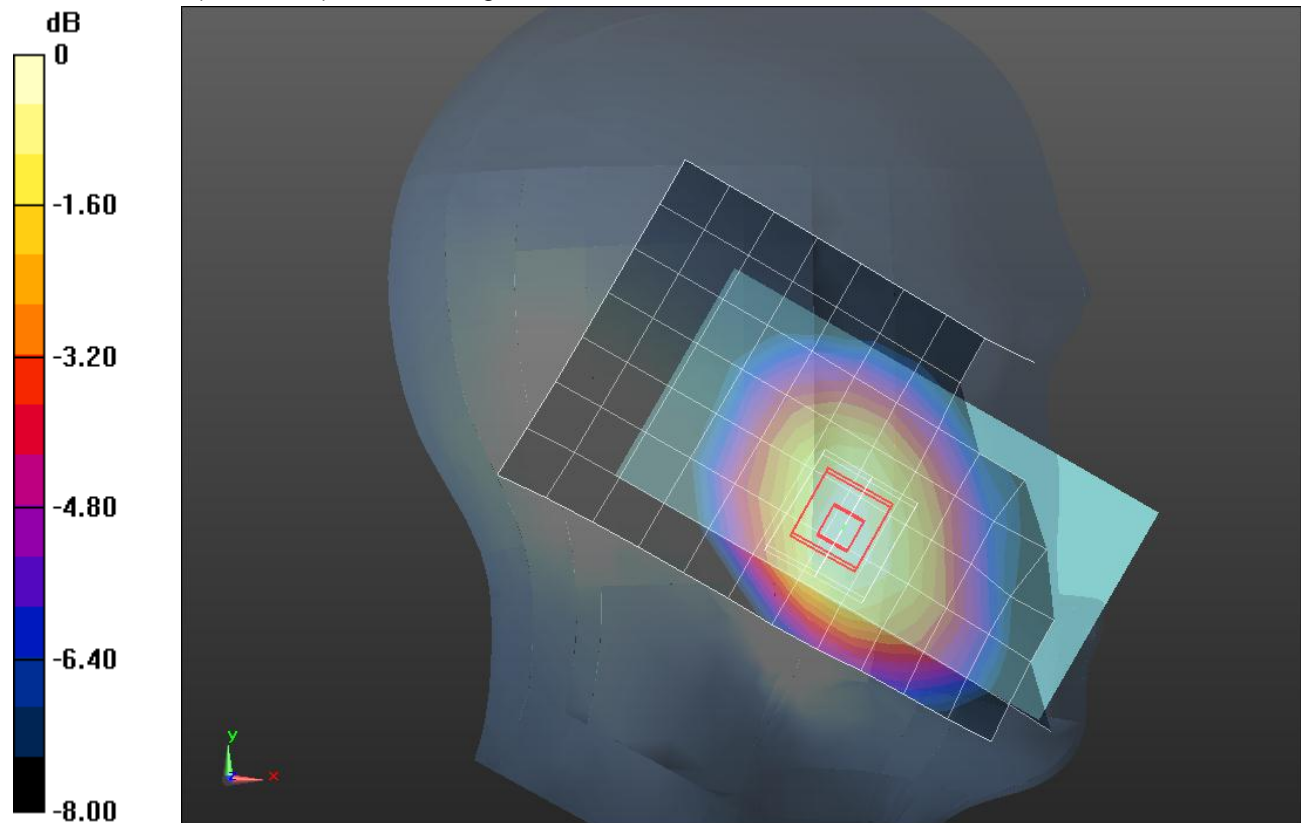
Reference Value = 14.68 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.153 W/kg

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

Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg = -6.42 dBW/kg

GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 41.962$; $\rho = 1000$ 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 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(9.94, 9.94, 9.94); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

LHS/Touch_GPRS 4 Slots Channel 190/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.358 W/kg

LHS/Touch_GPRS 4 Slots Channel 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

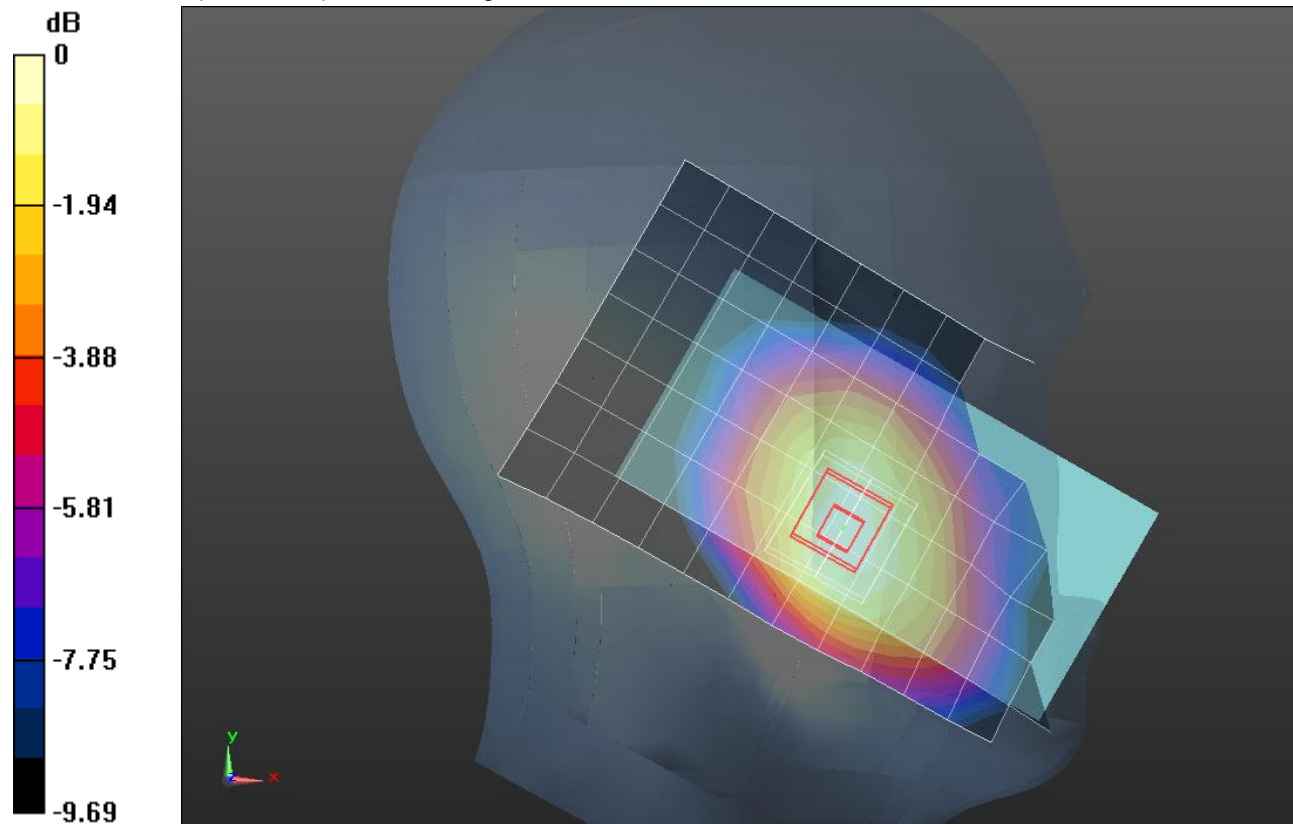
Reference Value = 19.49 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.417 W/kg

SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.253 W/kg

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

Maximum value of SAR (measured) = 0.377 W/kg



0 dB = 0.377 W/kg = -4.24 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; $\sigma = 1.02$ S/m; $\epsilon_r = 52.768$; $\rho = 1000$ 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 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(9.7, 9.7, 9.7); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA002AA; Serial: TP:1257

Rear/GSM Voice ch. 190/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.453 W/kg

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

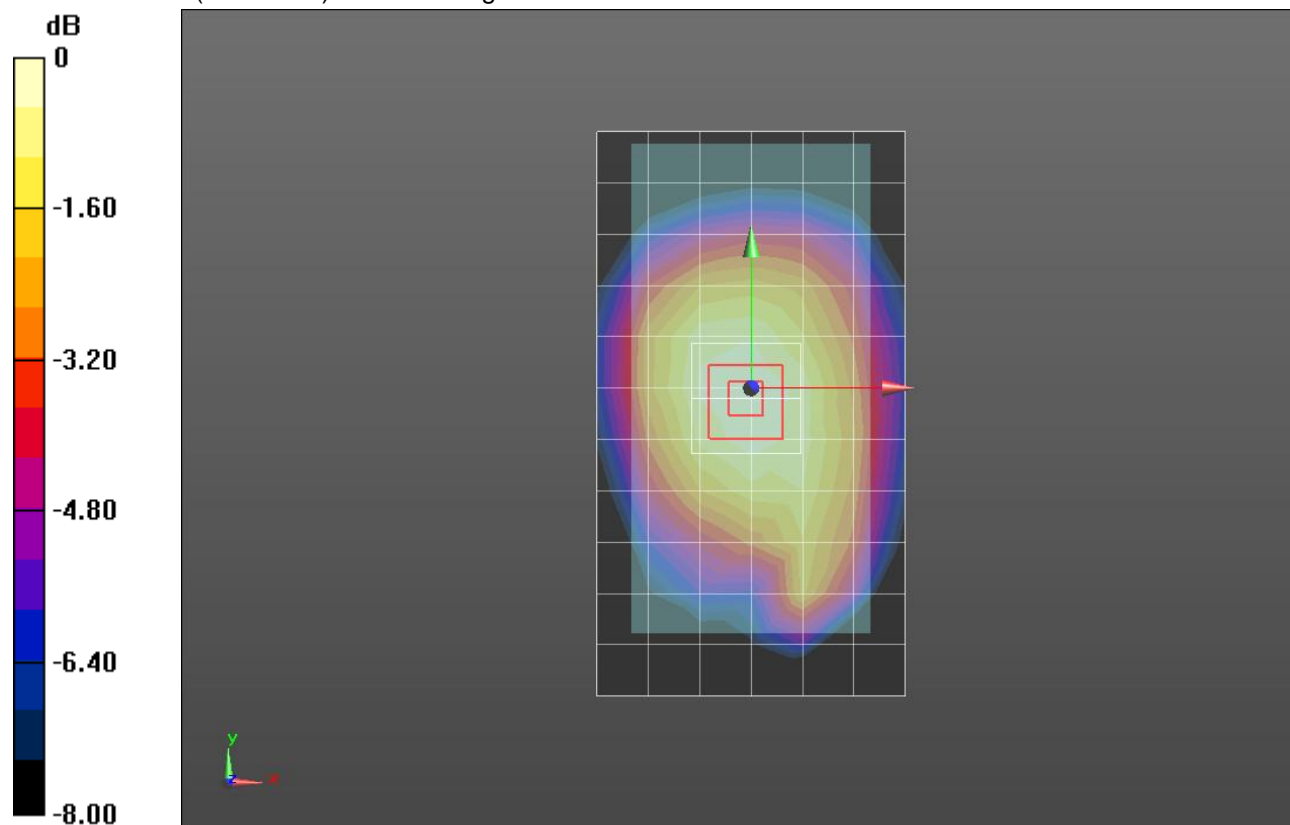
Reference Value = 21.23 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.497 W/kg

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.301 W/kg

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

Maximum value of SAR (measured) = 0.449 W/kg



0 dB = 0.449 W/kg = -3.48 dBW/kg

GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 836.6 \text{ MHz}$; $\sigma = 1.02 \text{ S/m}$; $\epsilon_r = 52.768$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(9.7, 9.7, 9.7); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA002AA; Serial: TP:1257

Rear/GPRS 4 Slots ch. 190/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.715 W/kg

Rear/GPRS 4 Slots ch. 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

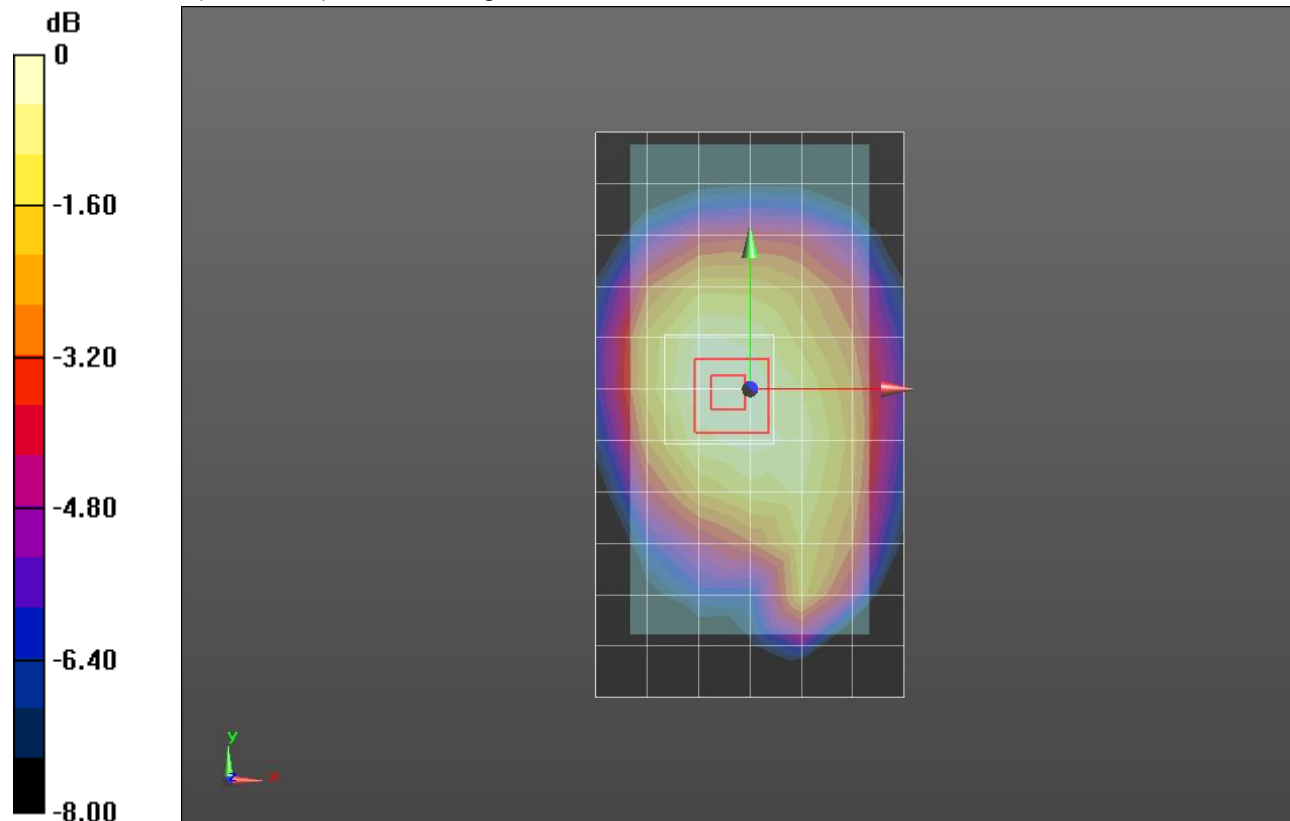
Reference Value = 26.45 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.806 W/kg

SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.481 W/kg

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

Maximum value of SAR (measured) = 0.722 W/kg



0 dB = 0.722 W/kg = -1.41 dBW/kg

GSM 1900

Frequency: 1850.2 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.357 \text{ S/m}$; $\epsilon_r = 39.491$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(8.55, 8.55, 8.55); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

LHS/Touch_GSM Voice Channel 512/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.123 W/kg

LHS/Touch_GSM Voice Channel 512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

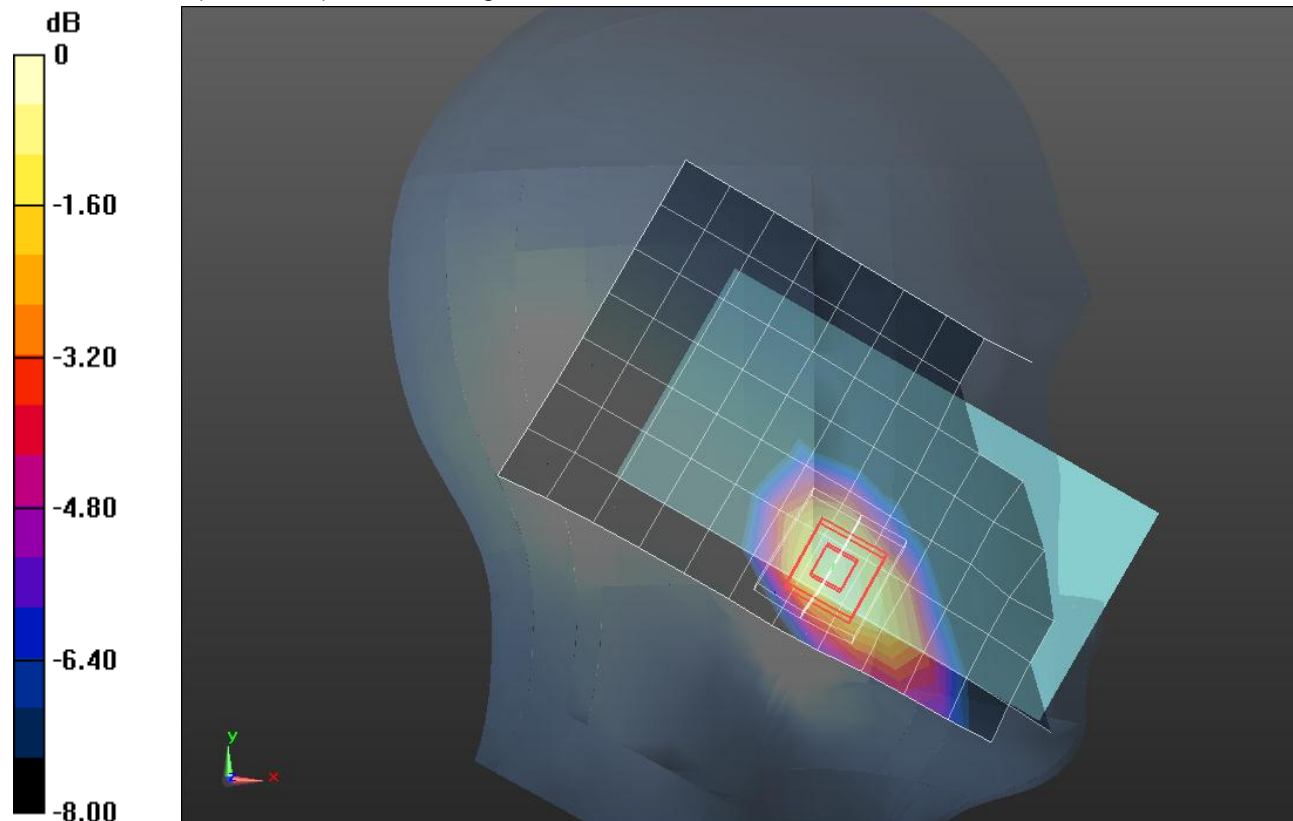
Reference Value = 9.567 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.072 W/kg

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

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



0 dB = 0.147 W/kg = -8.33 dBW/kg

GSM 1900

Frequency: 1850.2 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.357 \text{ S/m}$; $\epsilon_r = 39.491$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(8.55, 8.55, 8.55); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

LHS/Touch_GPRS 4 Slots Channel 512/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.170 W/kg

LHS/Touch_GPRS 4 Slots Channel 512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

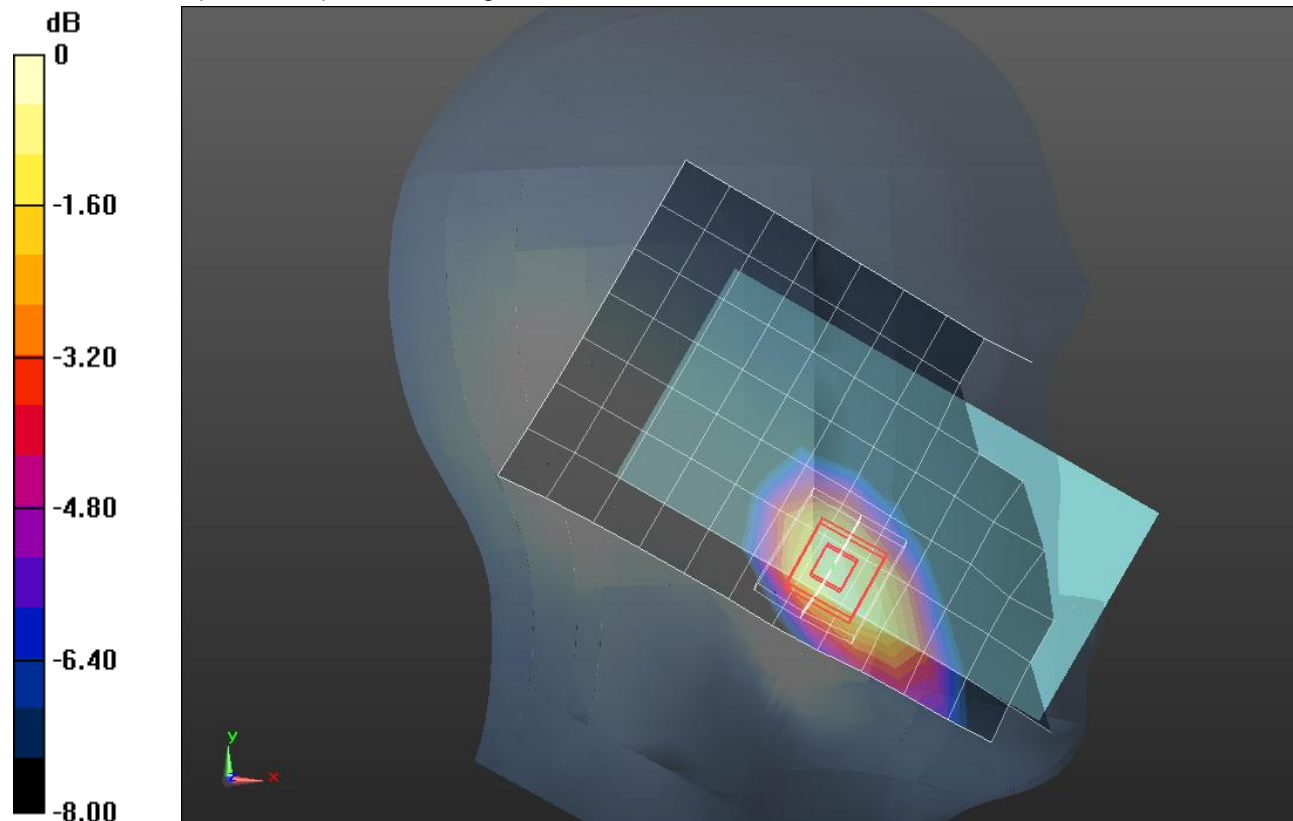
Reference Value = 11.25 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.099 W/kg

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

Maximum value of SAR (measured) = 0.201 W/kg



0 dB = 0.201 W/kg = -6.97 dBW/kg

GSM1900

Frequency: 1850.2 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.453 \text{ S/m}$; $\epsilon_r = 51.494$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(7.65, 7.65, 7.65); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

Rear/GSM Voice Channel 512/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.404 W/kg

Rear/GSM Voice Channel 512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

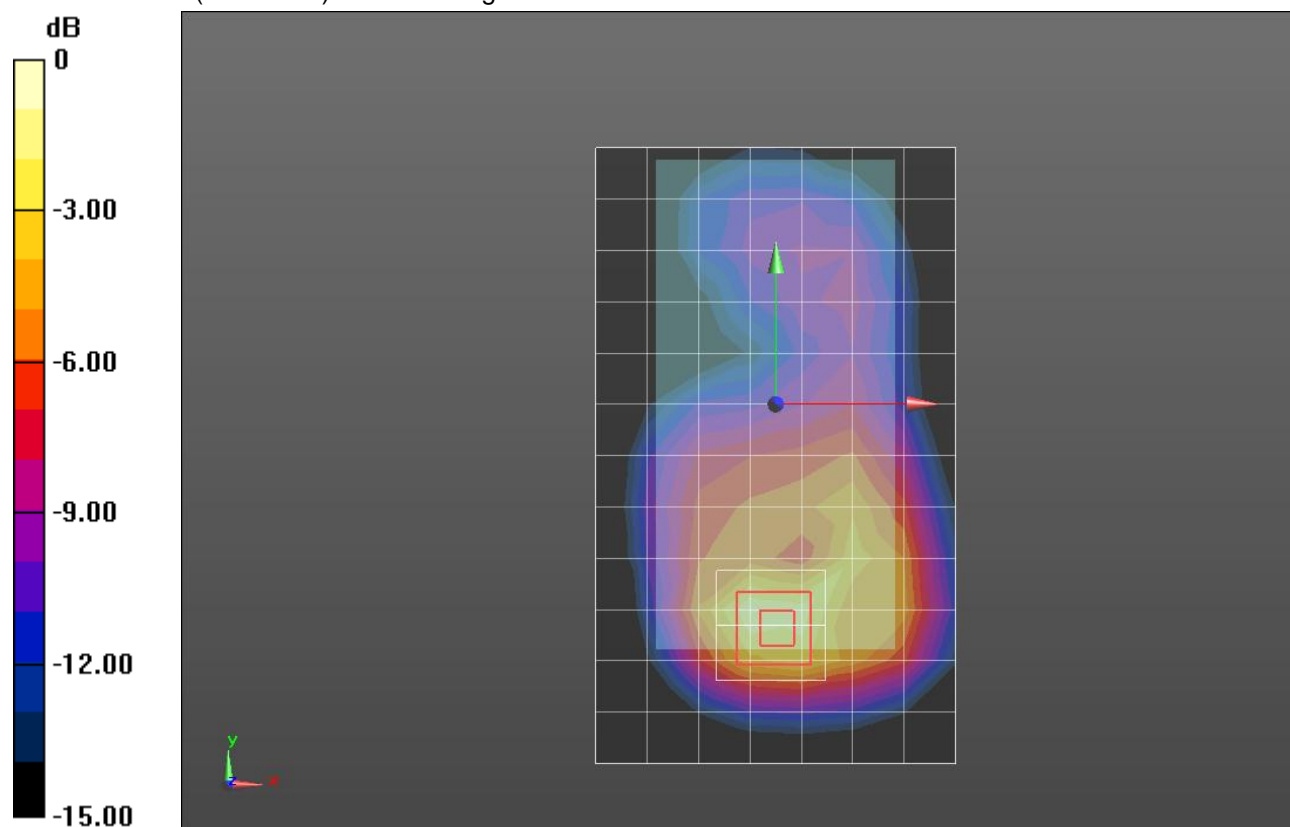
Reference Value = 16.60 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.628 W/kg

SAR(1 g) = 0.378 W/kg; SAR(10 g) = 0.203 W/kg

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

Maximum value of SAR (measured) = 0.492 W/kg



0 dB = 0.492 W/kg = -3.08 dBW/kg

GSM1900

Frequency: 1850.2 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.453 \text{ S/m}$; $\epsilon_r = 51.494$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(7.65, 7.65, 7.65); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

Rear/GPRS 4 Slots Channel 512/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.481 W/kg

Rear/GPRS 4 Slots Channel 512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

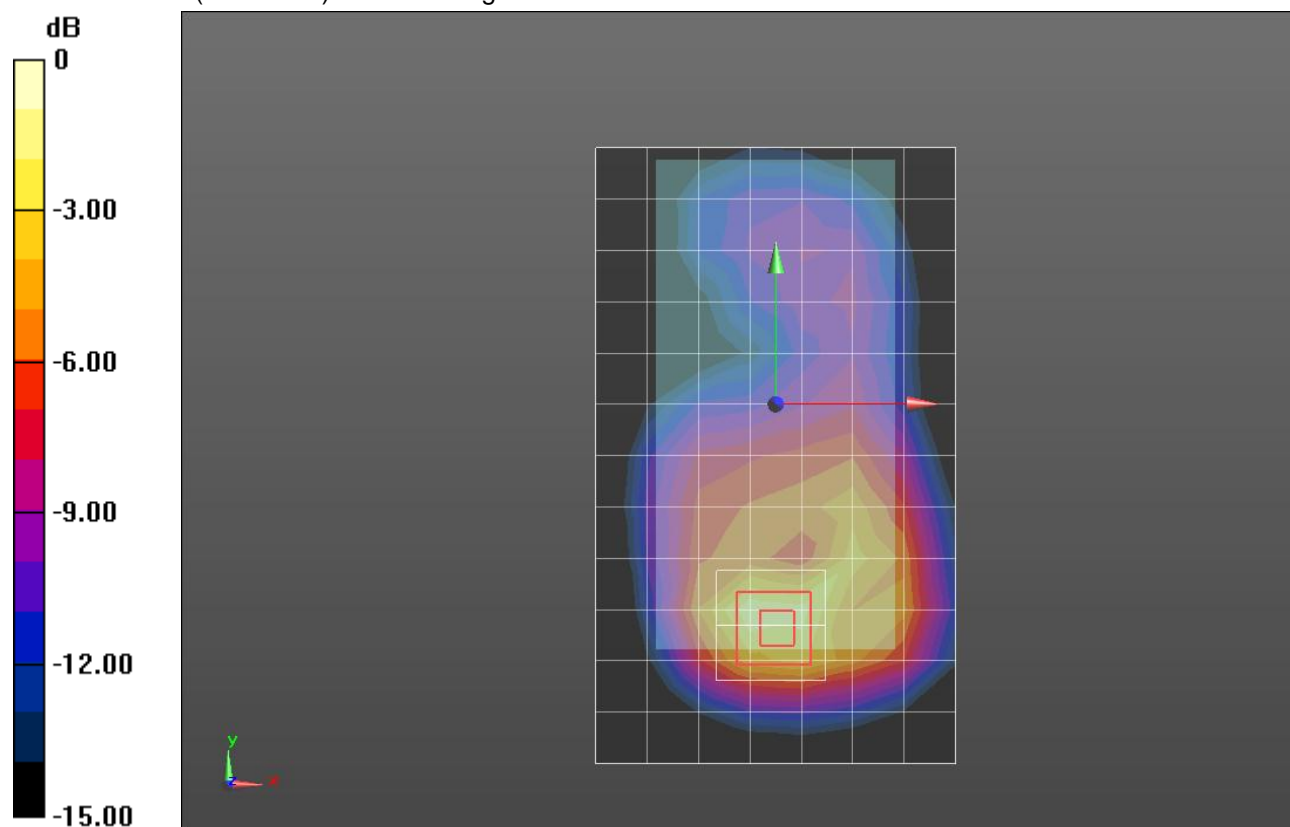
Reference Value = 18.46 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.774 W/kg

SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.250 W/kg

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

Maximum value of SAR (measured) = 0.607 W/kg



0 dB = 0.607 W/kg = -2.17 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; $\sigma = 0.935$ S/m; $\epsilon_r = 41.962$; $\rho = 1000$ 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 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(9.94, 9.94, 9.94); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

LHS/Touch_RMC Rel 99 ch. 190/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.277 W/kg

LHS/Touch_RMC Rel 99 ch. 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

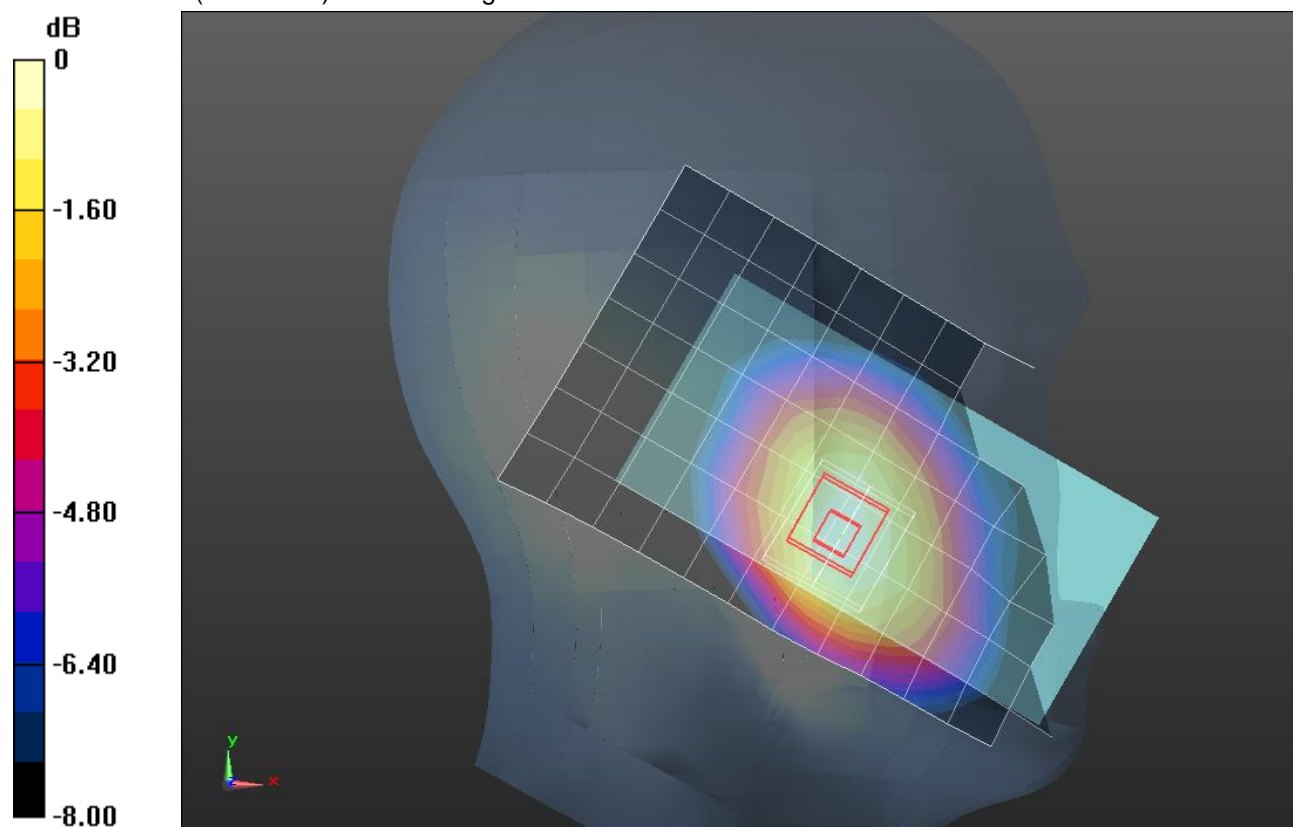
Reference Value = 17.09 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.193 W/kg

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

Maximum value of SAR (measured) = 0.284 W/kg



0 dB = 0.284 W/kg = -5.47 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; $\sigma = 1.02$ S/m; $\epsilon_r = 52.768$; $\rho = 1000$ 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 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(9.7, 9.7, 9.7); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA002AA; Serial: TP:1257

Rear/RMC Rel 99 ch. 190/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.467 W/kg

Rear/RMC Rel 99 ch. 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

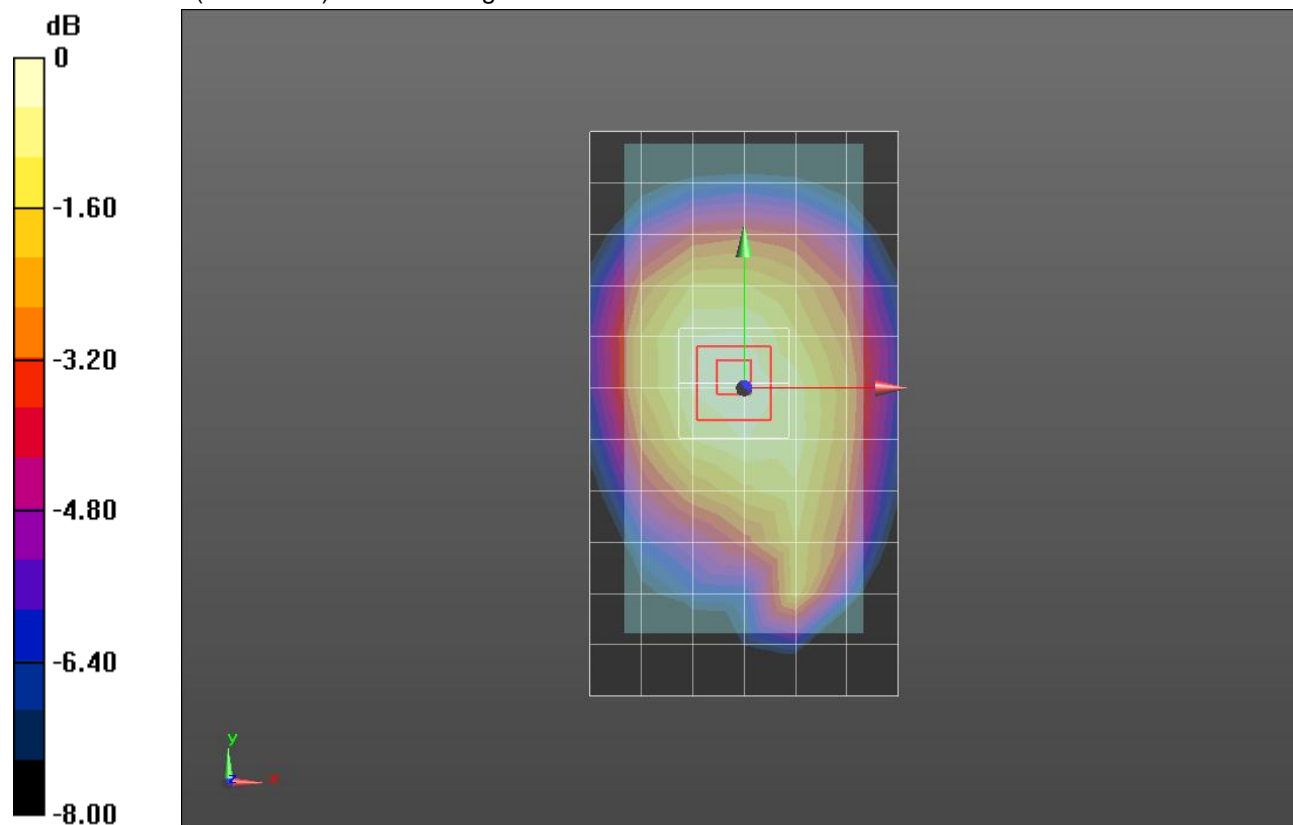
Reference Value = 21.68 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.314 W/kg

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

Maximum value of SAR (measured) = 0.471 W/kg



0 dB = 0.471 W/kg = -3.27 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: $f = 1880 \text{ MHz}$; $\sigma = 1.389 \text{ S/m}$; $\epsilon_r = 39.366$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(8.55, 8.55, 8.55); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

LHS/Touch_RMC Rel 99 Channel. 9400/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.221 W/kg

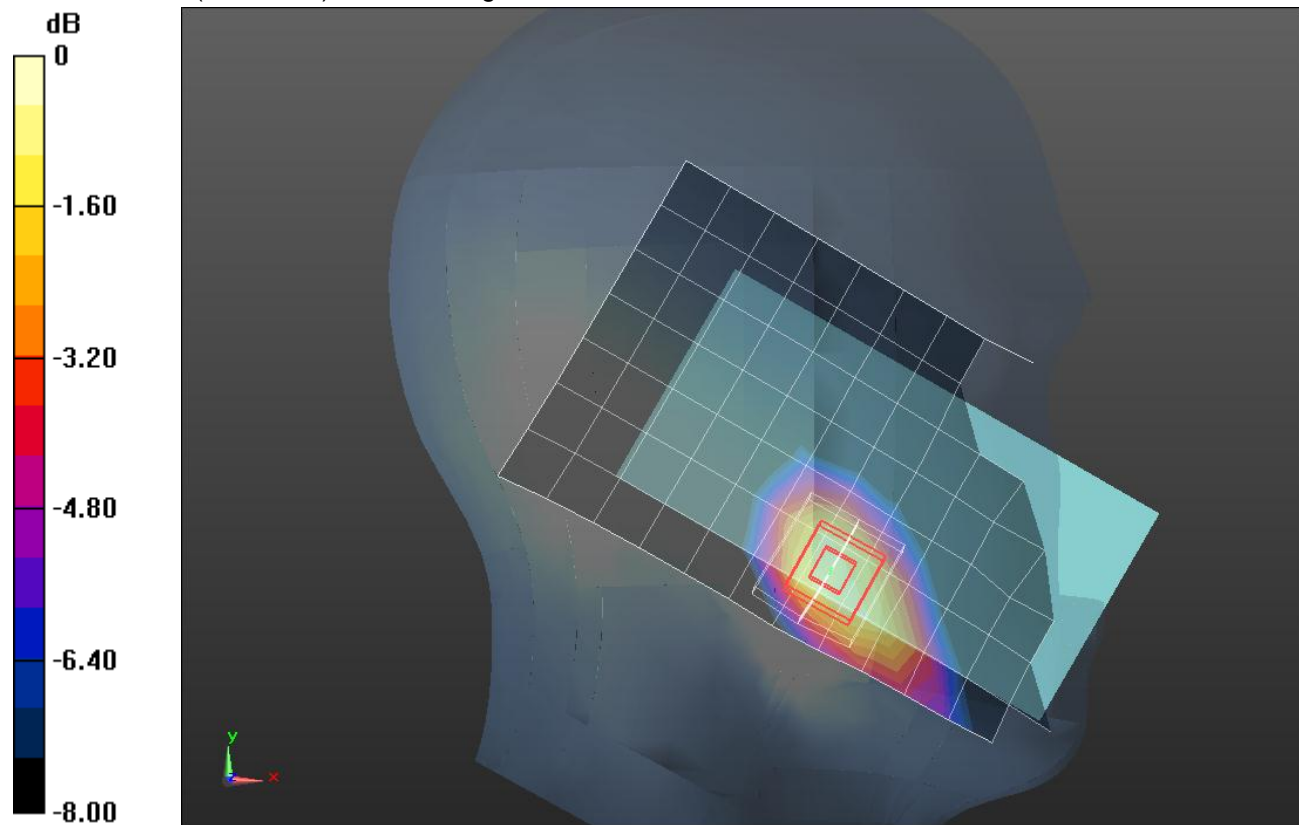
LHS/Touch_RMC Rel 99 Channel. 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.78 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.249 W/kg



0 dB = 0.249 W/kg = -6.04 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: $f = 1880 \text{ MHz}$; $\sigma = 1.486 \text{ S/m}$; $\epsilon_r = 51.379$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(7.65, 7.65, 7.65); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

Rear/RMC Rel 99 Channel 9400/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.801 W/kg

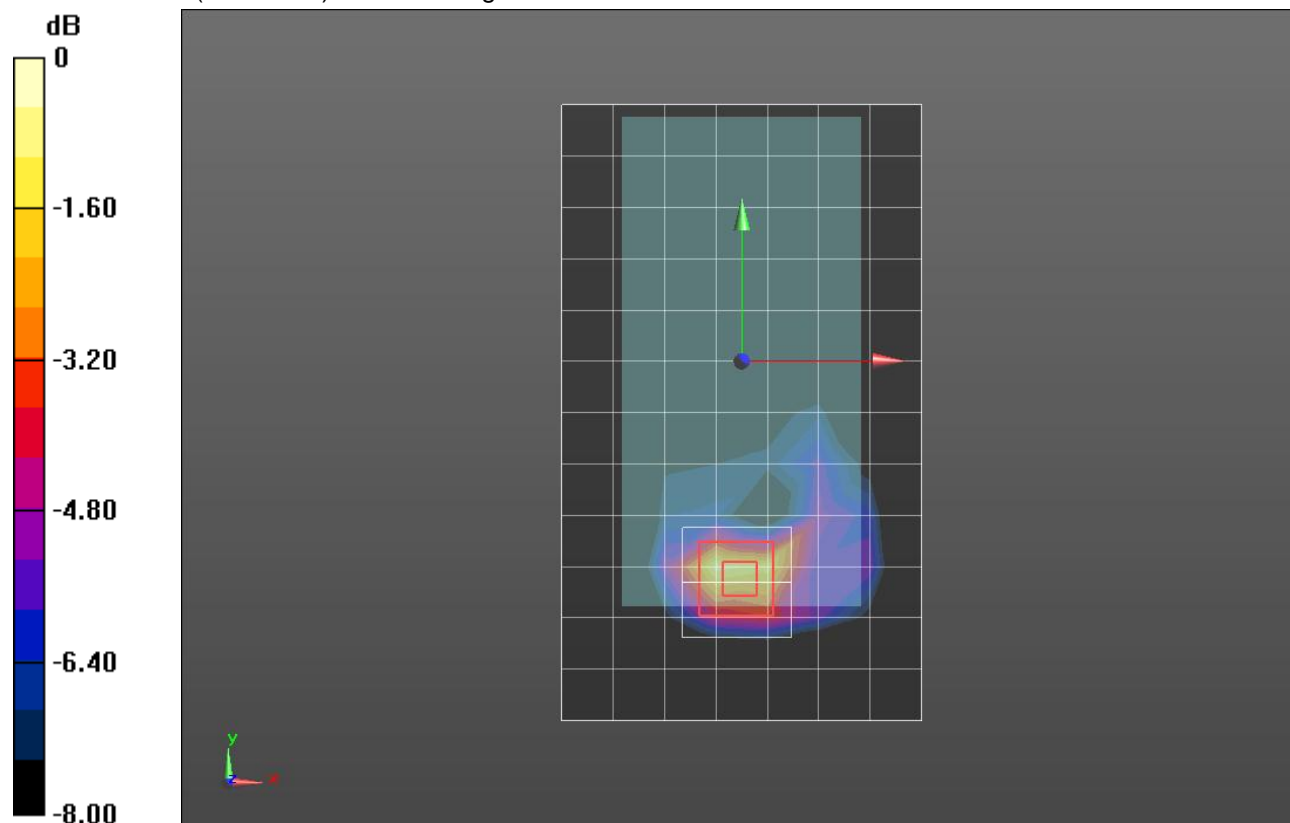
Rear/RMC Rel 99 Channel 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.57 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.376 W/kg

Maximum value of SAR (measured) = 0.944 W/kg



0 dB = 0.944 W/kg = -0.25 dBW/kg

Wi-Fi 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; $\sigma = 1.861$ S/m; $\epsilon_r = 37.847$; $\rho = 1000$ 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 Sn1439; Calibrated: 5/14/2014
- Probe: EX3DV4 - SN3991; ConvF(7.45, 7.45, 7.45); Calibrated: 5/16/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

RHS/Touch_802.11b_ch 6/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.318 W/kg

RHS/Touch_802.11b_ch 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

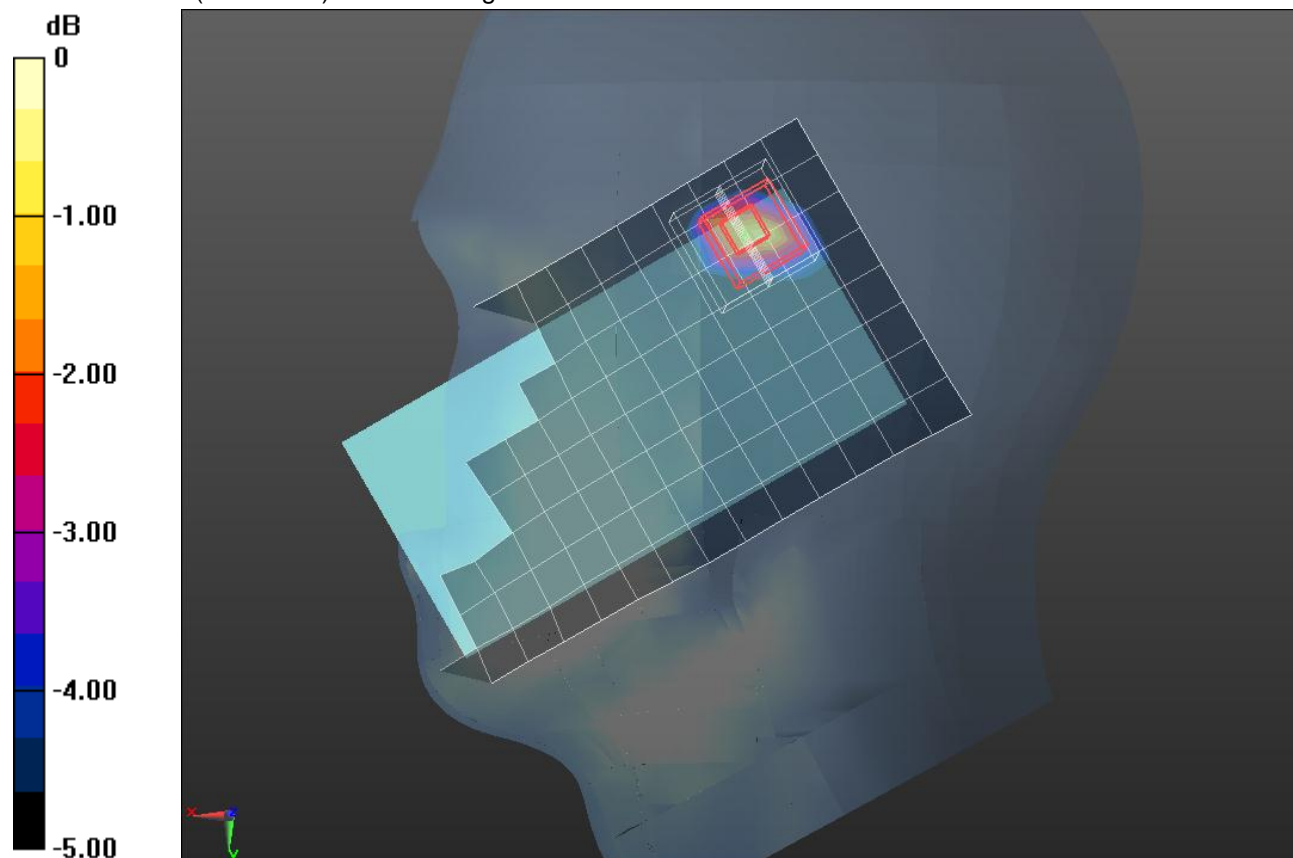
Reference Value = 13.48 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.600 W/kg

SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.113 W/kg

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

Maximum value of SAR (measured) = 0.369 W/kg



0 dB = 0.369 W/kg = -4.33 dBW/kg

Wi-Fi 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; $\sigma = 2.025$ S/m; $\epsilon_r = 52.499$; $\rho = 1000$ 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: EX3DV4 - SN3902; ConvF(7.35, 7.35, 7.35); Calibrated: 5/19/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

Rear/802.11b_ch 6/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.335 W/kg

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

Reference Value = 3.996 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.114 W/kg

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

Maximum value of SAR (measured) = 0.339 W/kg

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

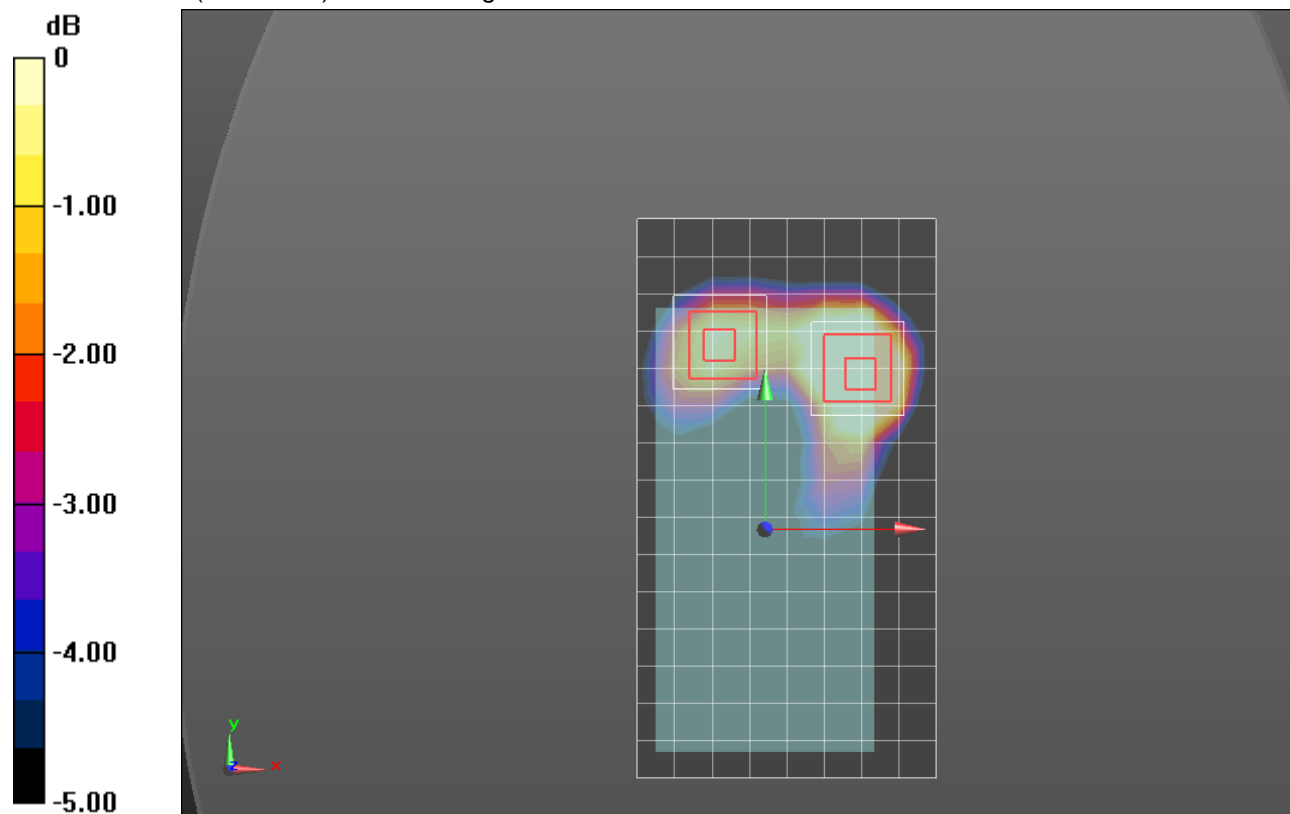
Reference Value = 3.996 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.048 W/kg

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

Maximum value of SAR (measured) = 0.111 W/kg



0 dB = 0.111 W/kg = -9.55 dBW/kg