

20140829 SystemPerformanceCheck-D835V2 SN 4d142

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

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1.006 \text{ S/m}$; $\epsilon_r = 53.342$; $\rho = 1000 \text{ kg/m}^3$

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(9.86, 9.86, 9.86); Calibrated: 5/19/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

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

Reference Value = 32.338 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.603 W/kg

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

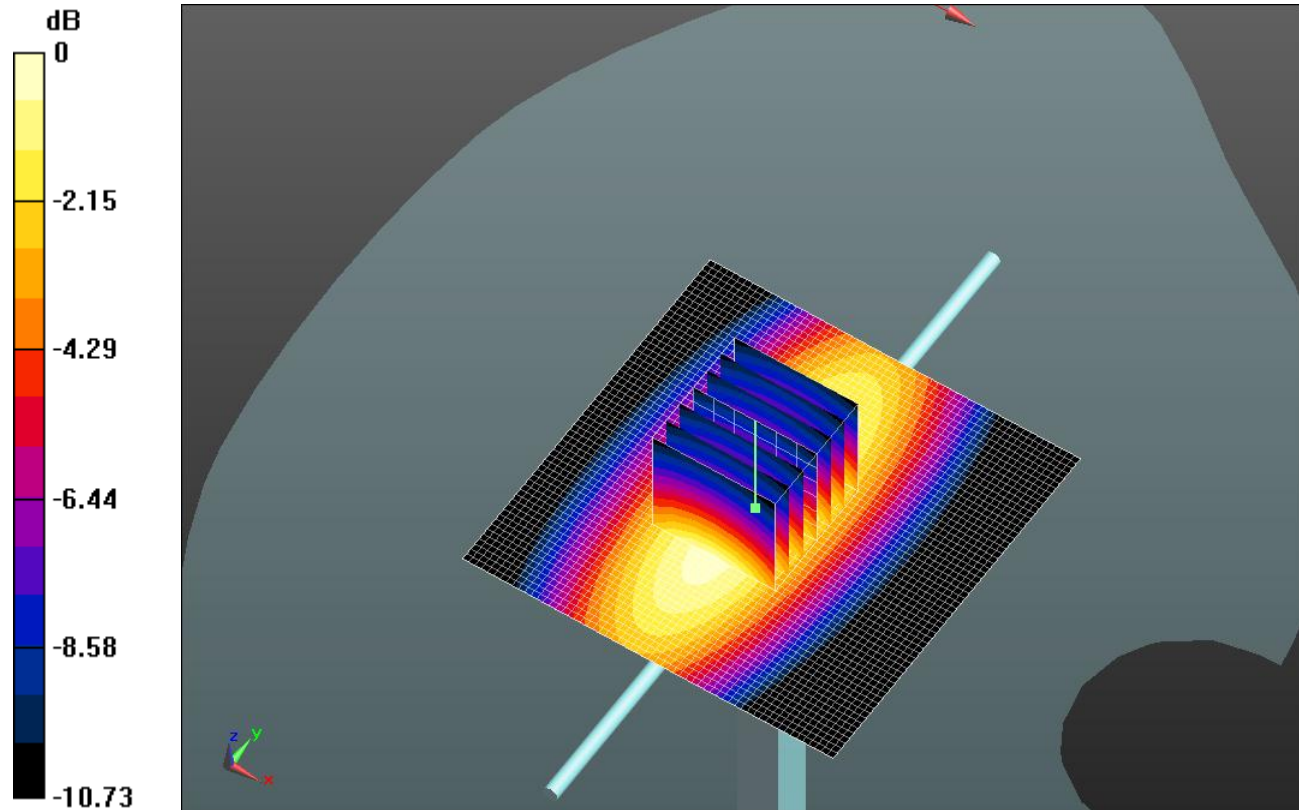
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.338 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.575 W/kg

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

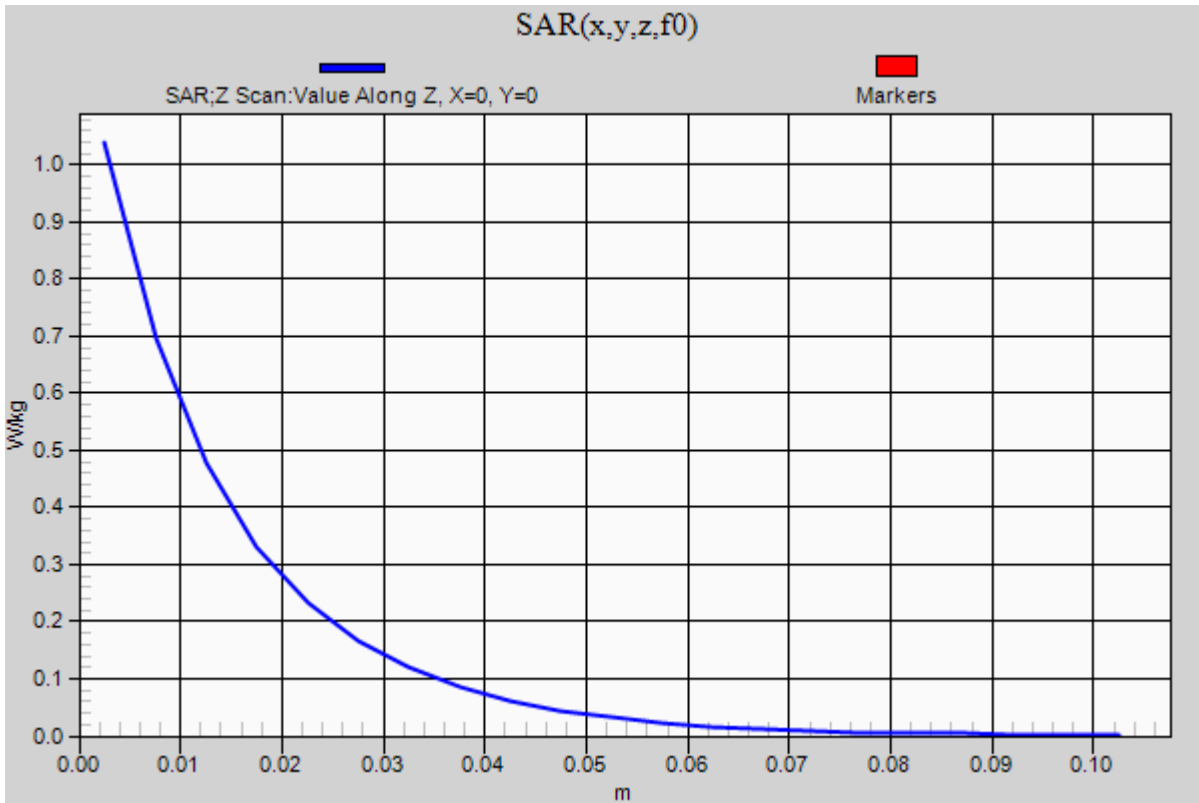


0 dB = 1.09 W/kg = 0.37 dBW/kg

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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) = 1.04 W/kg



20140829 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: $f = 1900 \text{ MHz}$; $\sigma = 1.415 \text{ S/m}$; $\epsilon_r = 38.125$; $\rho = 1000 \text{ kg/m}^3$
 DASYS 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(8.19, 8.19, 8.19); Calibrated: 5/19/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

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

Reference Value = 60.160 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 3.91 W/kg; SAR(10 g) = 2.03 W/kg

Maximum value of SAR (interpolated) = 5.15 W/kg

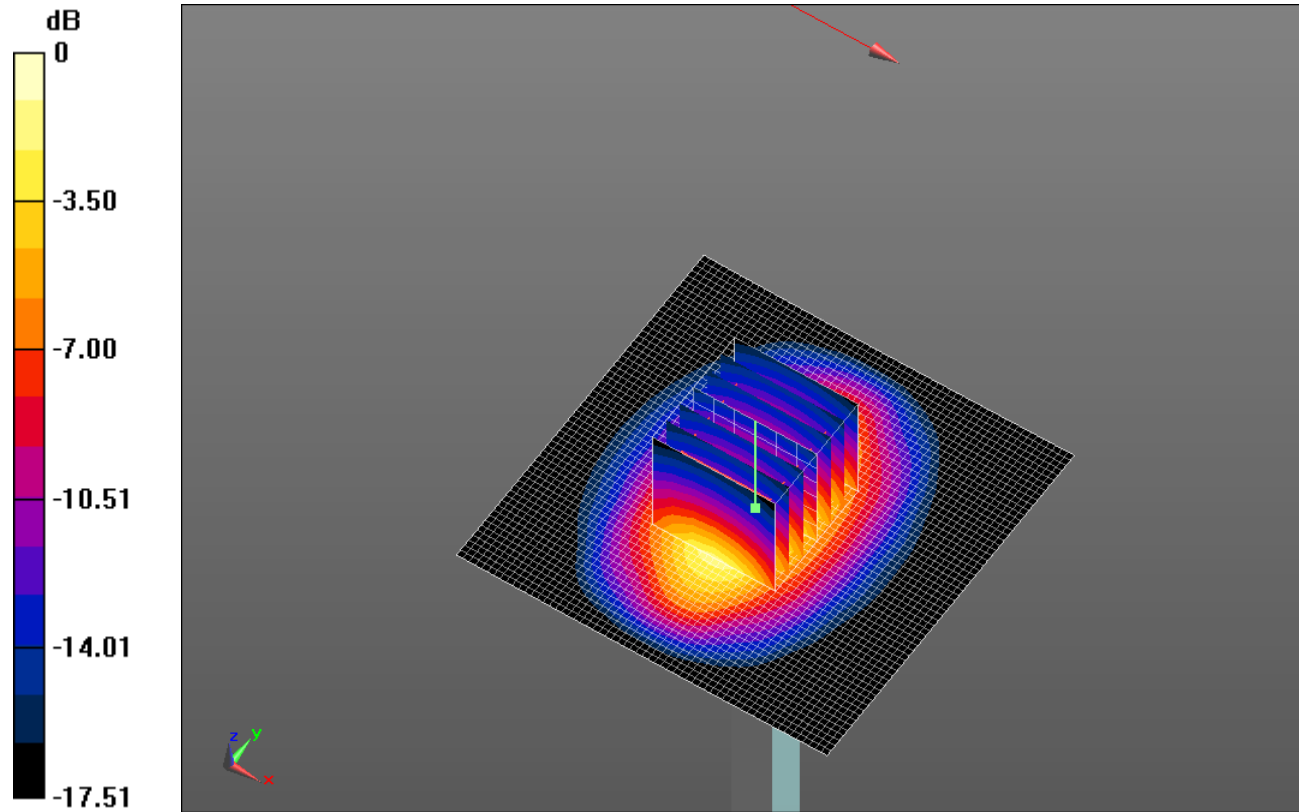
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 60.160 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 7.00 W/kg

SAR(1 g) = 3.79 W/kg; SAR(10 g) = 1.98 W/kg

Maximum value of SAR (measured) = 5.13 W/kg

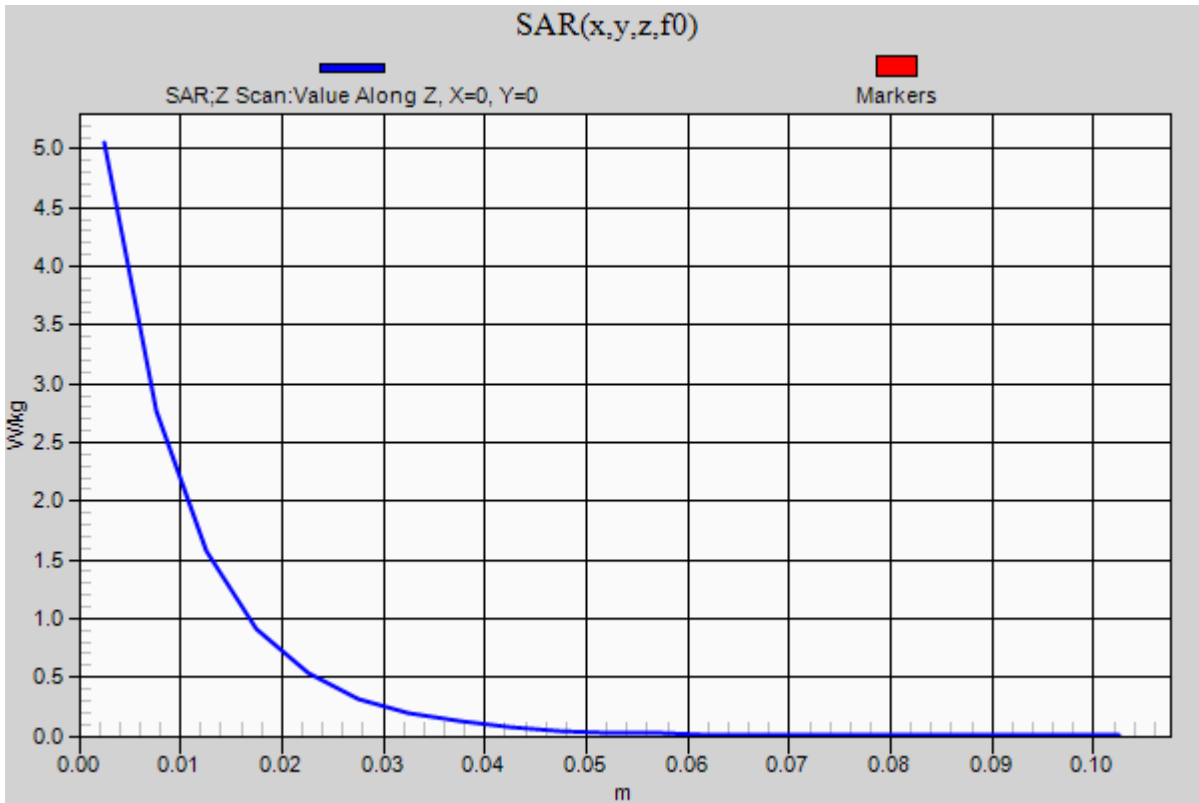


0 dB = 5.13 W/kg = 7.10 dBW/kg

20140829 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) = 5.05 W/kg



CDMA2000 BC0 Extremity

Frequency: 836.52 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 1.008$ S/m; $\epsilon_r = 53.327$; $\rho = 1000$ 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 - SN3902; ConvF(9.86, 9.86, 9.86); Calibrated: 5/19/2014;
- 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

Right Neck/Wrist Worn Extremity SO32 RC3/3 Channel 384/Area Scan (8x8x1):

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

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

Maximum value of SAR (measured) = 1.00 W/kg

Right Neck/Wrist Worn Extremity SO32 RC3/3 Channel 384/Zoom Scan (5x5x7)/Cube 0:

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

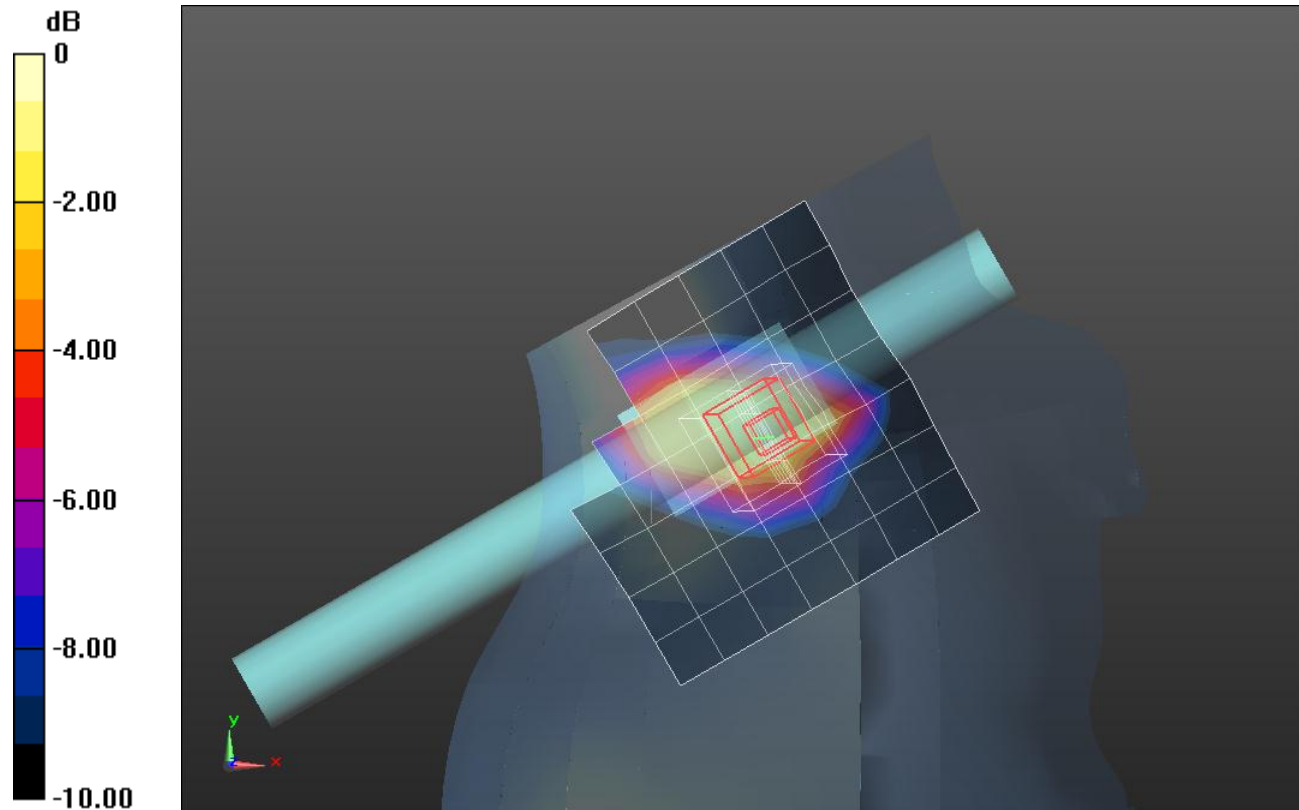
Reference Value = 33.856 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.540 W/kg

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

Maximum value of SAR (measured) = 1.23 W/kg



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

CDMA2000 BC0 Next to Mouth

Frequency: 836.52 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 42.444$; $\rho = 1000$ 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 - SN3902; ConvF(10.04, 10.04, 10.04); Calibrated: 5/19/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

Flat/Next-to-Mouth SO55 RC3/3 Channel 384/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.474 W/kg

Flat/Next-to-Mouth SO55 RC3/3 Channel 384/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

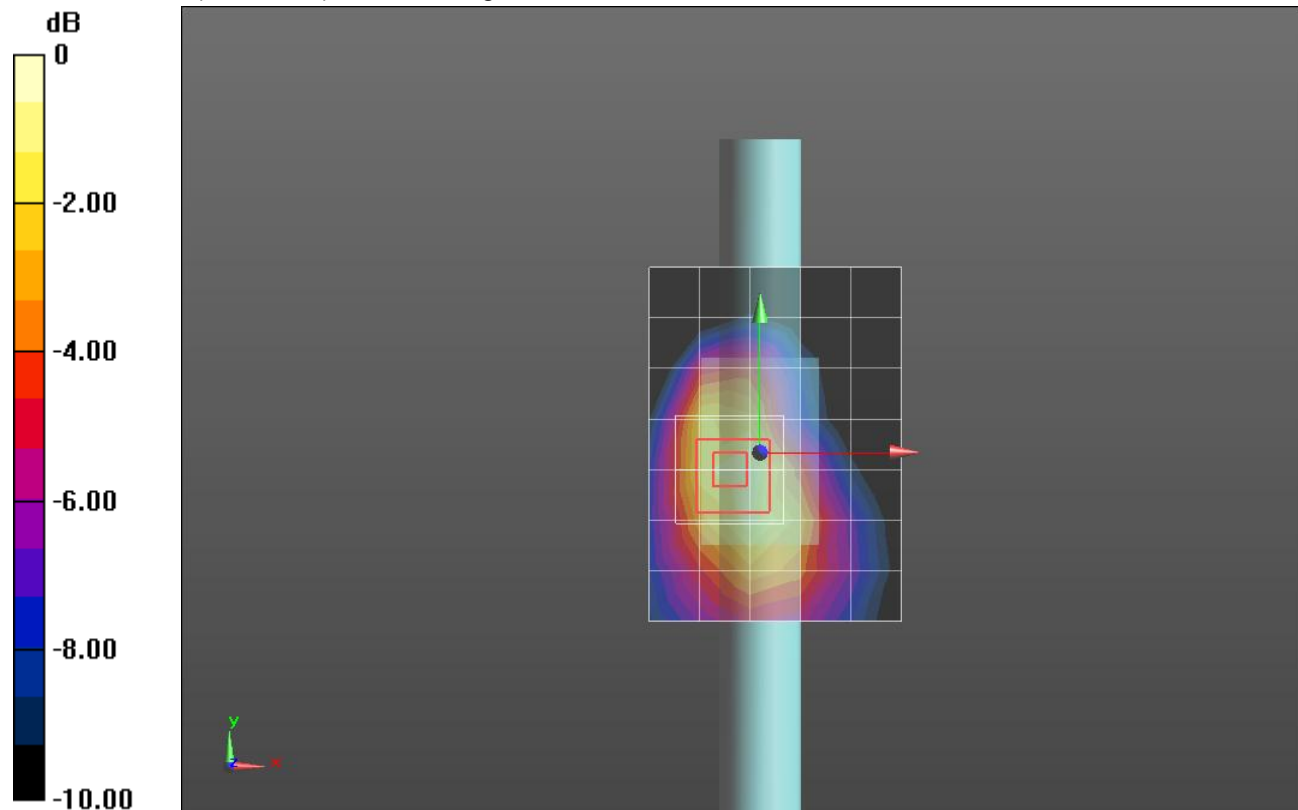
Reference Value = 23.136 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.644 W/kg

SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.272 W/kg

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

Maximum value of SAR (measured) = 0.530 W/kg



0 dB = 0.530 W/kg = -2.76 dBW/kg

CDMA2000 BC1 Extremity

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.562 \text{ S/m}$; $\epsilon_r = 54.707$; $\rho = 1000 \text{ kg/m}^3$
 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(7.8, 7.8, 7.8); Calibrated: 5/19/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

Right Neck/Wrist Worn Extremity SO32 RC3/3 Channel 600/Area Scan (8x8x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 4.73 W/kg

Right Neck/Wrist Worn Extremity SO32 RC3/3 Channel 600/Zoom Scan (5x5x7)/Cube 0:

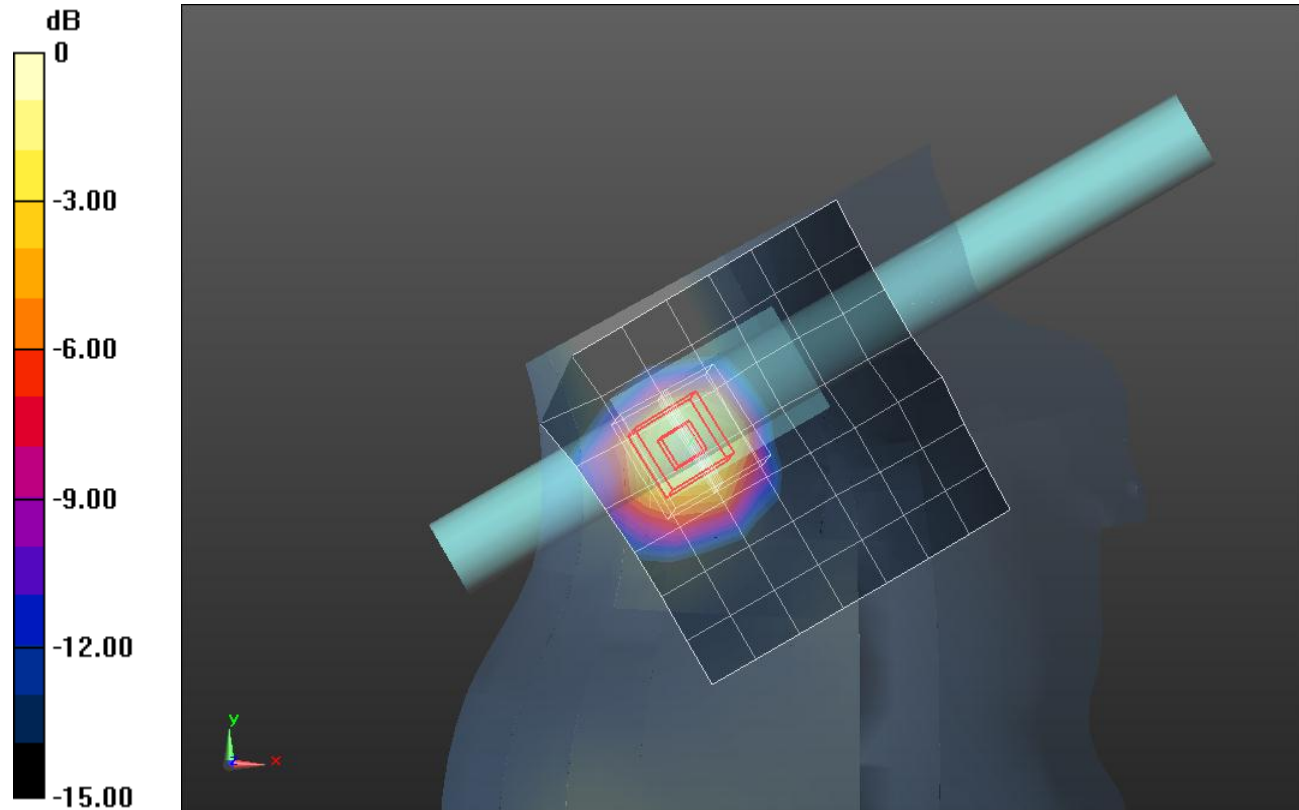
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 54.289 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 5.96 W/kg

SAR(1 g) = 3.94 W/kg; SAR(10 g) = 2.18 W/kg

Maximum value of SAR (measured) = 4.76 W/kg



0 dB = 4.76 W/kg = 6.78 dBW/kg

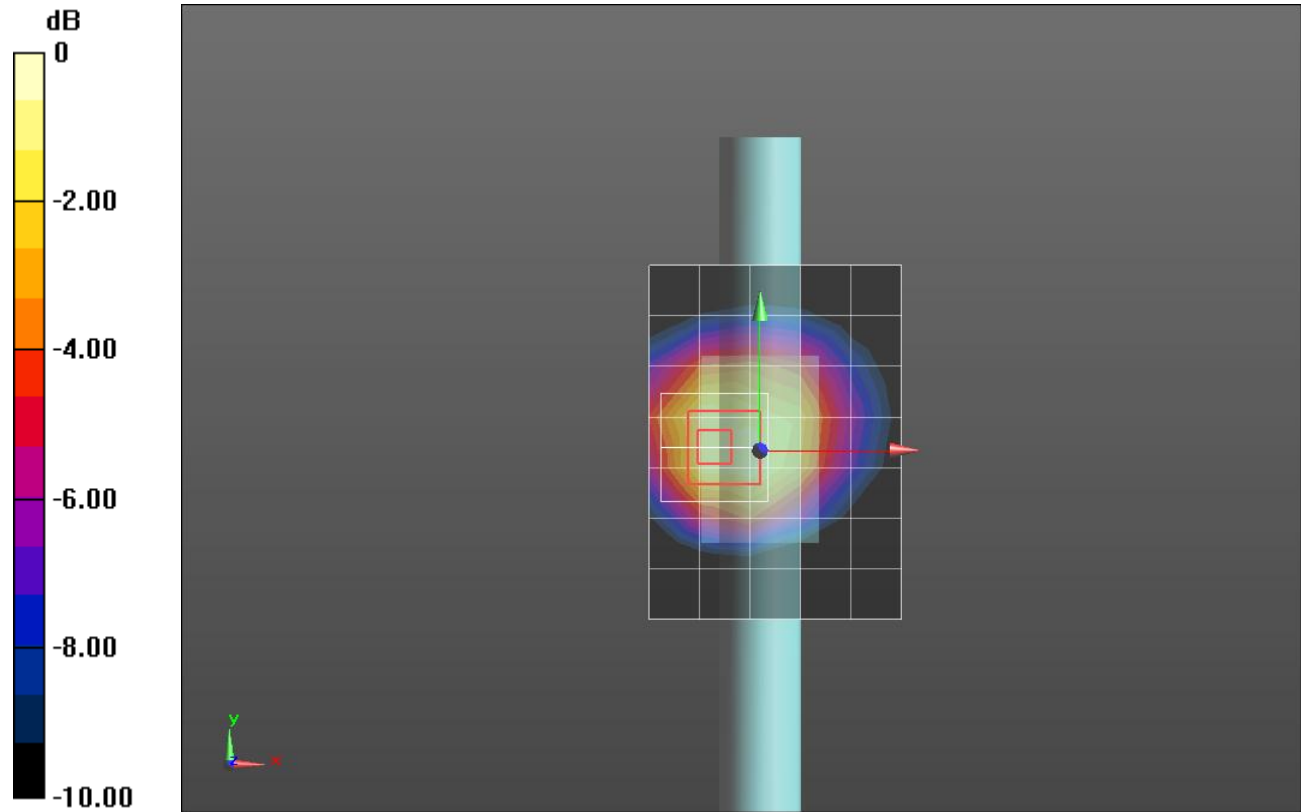
CDMA2000 BC1 Next to Mouth

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.396 \text{ S/m}$; $\epsilon_r = 38.226$; $\rho = 1000 \text{ kg/m}^3$
 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(8.19, 8.19, 8.19); Calibrated: 5/19/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

Flat/Next-to-Mouth SO55 RC3/3 Channel 600/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.825 W/kg

Flat/Next-to-Mouth SO55 RC3/3 Channel 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 24.630 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.447 W/kg
 Maximum value of SAR (measured) = 0.944 W/kg



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