CDMA2000 BC0

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; σ = 0.896 S/m; ε_r = 40.967; ρ = 1000 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 Sn1446; Calibrated: 2015-08-17
- Probe: EX3DV4 - SN7313; ConvF(9.45, 9.45, 9.45); Calibrated: 2015-07-23;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1846

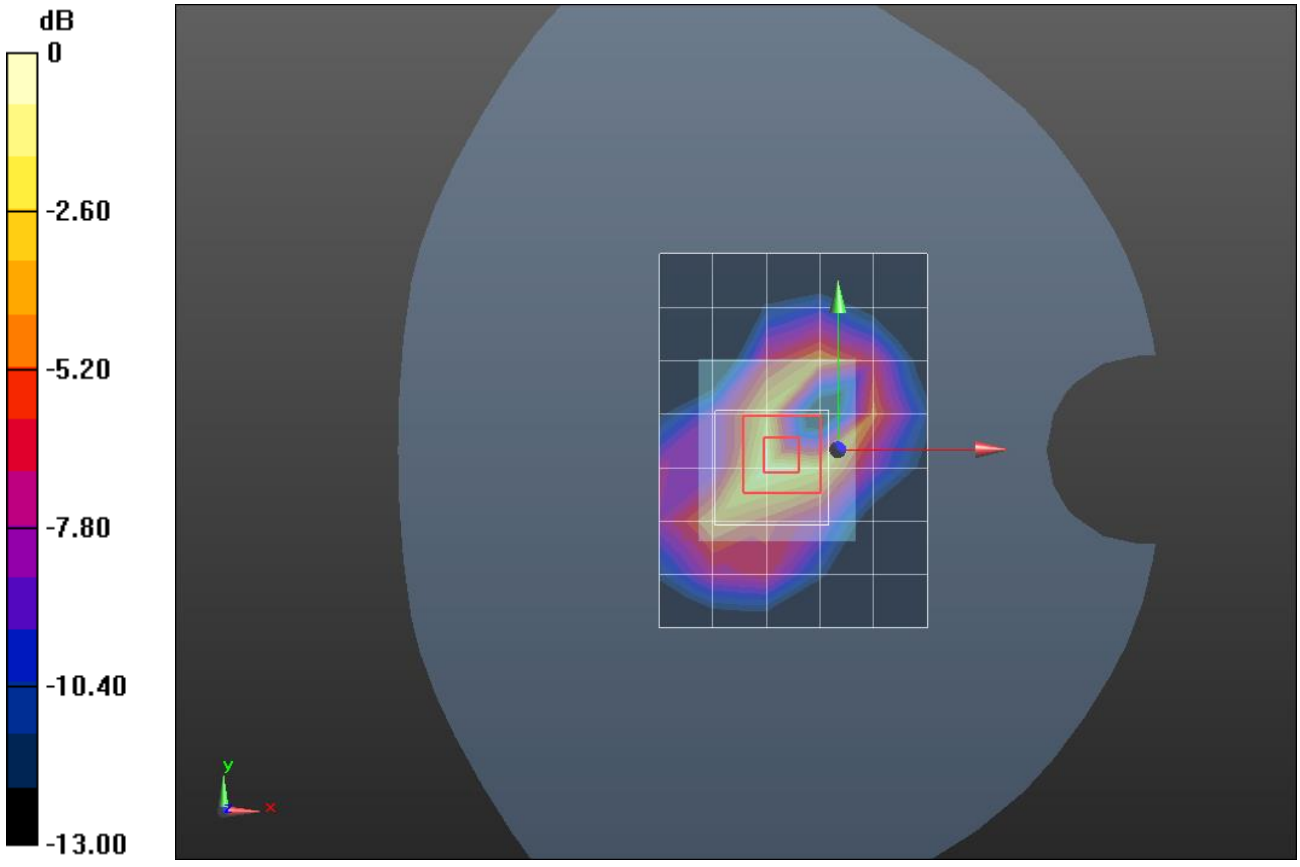
Next-to-Mouth/1xEVDO_Rel 0 Channel 384/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.120 W/kg

Next-to-Mouth/1xEVDO_ Rel 0 Channel 384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.486 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.316 W/kg
SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.151 W/kg



0 dB = 0.151 W/kg = −8.21 dBW/kg

Test Laboratory: UL Korea Ltd. Suwon Laboratory Date: 2015-09-06

CDMA2000 BC0

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; σ = 0.999 S/m; ε_r = 53.347; ρ = 1000 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 Sn1446; Calibrated: 2015-08-17
- Probe: EX3DV4 - SN7313; ConvF(9.28, 9.28, 9.28); Calibrated: 2015-07-23;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1166

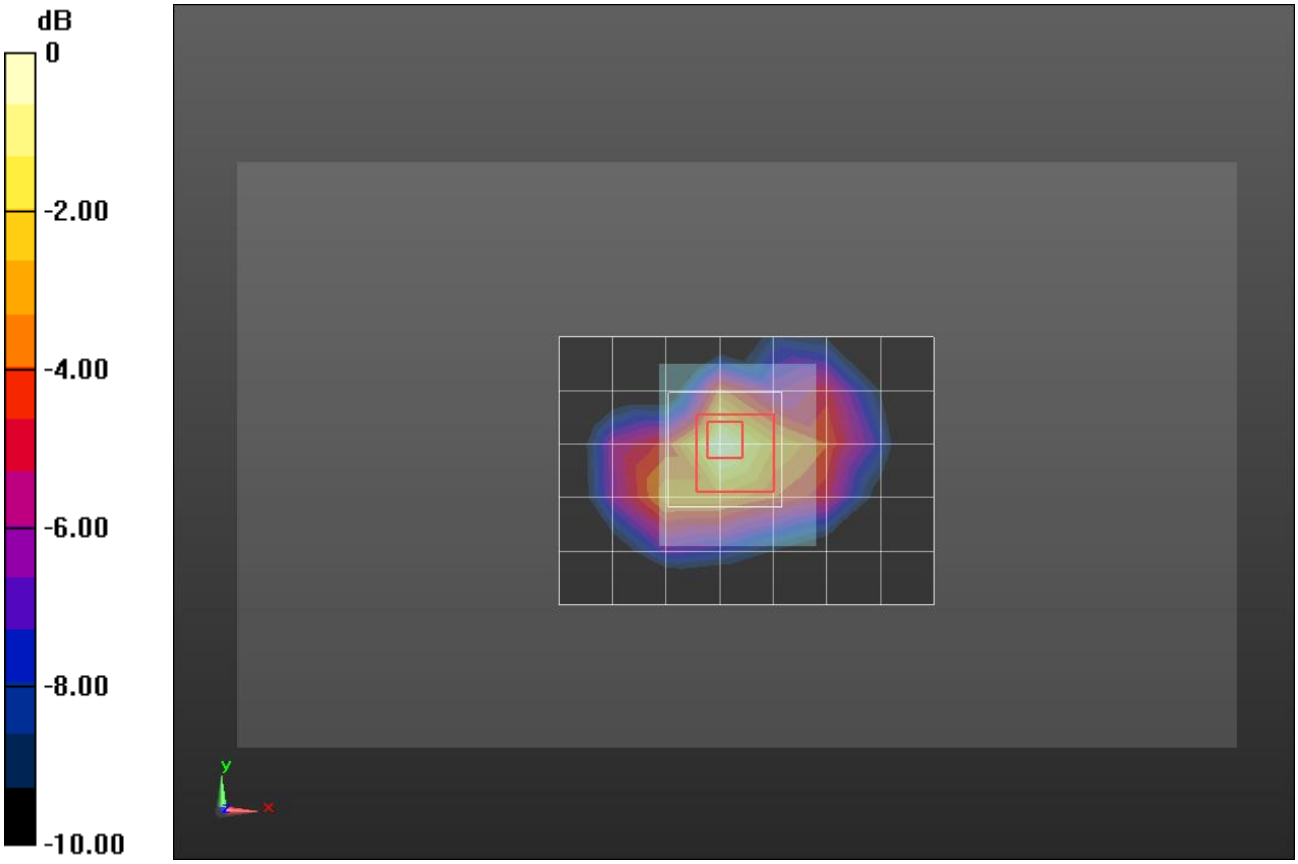
Extremity/1xRTT SO32 RC3/3 Channel 384/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.03 W/kg

Extremity/1xRTT SO32 RC3/3 Channel 384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.01 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.445 W/kg

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



0 dB = 1.00 W/kg = 0.00 dBW/kg

CDMA2000 BC1

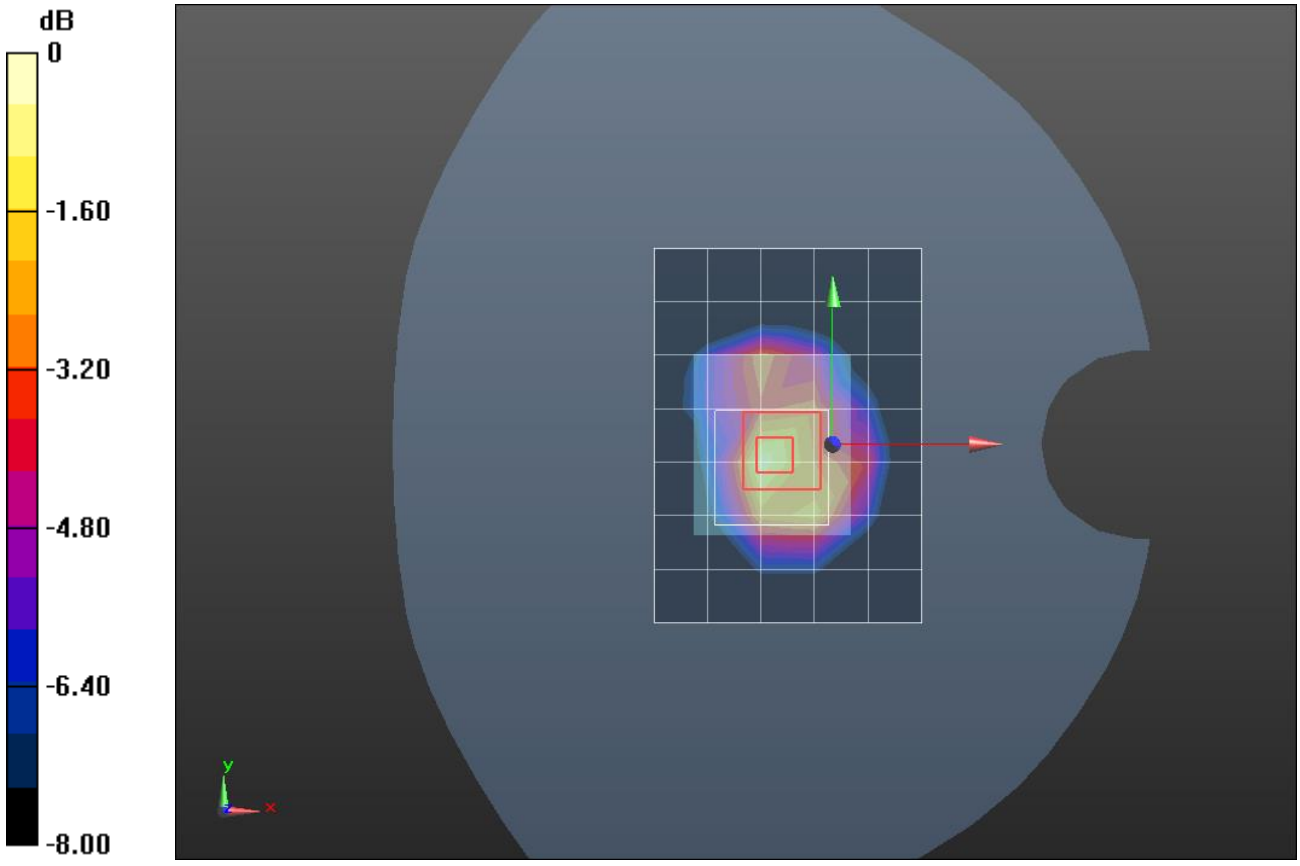
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.375 S/m; ε_r = 39.061; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1446; Calibrated: 2015-08-17
- Probe: EX3DV4 - SN7313; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-23;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Middle); Type: QD000P40CD; Serial: TP:1847

Next-to-Mouth/1XRTT SO55 RC3/3 Channel 600/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.317 W/kg

Next-to-Mouth/1XRTT SO55 RC3/3 Channel 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.83 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.434 W/kg
SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.165 W/kg
Maximum value of SAR (measured) = 0.364 W/kg



0 dB = 0.364 W/kg = −4.39 dBW/kg

CDMA2000 BC1

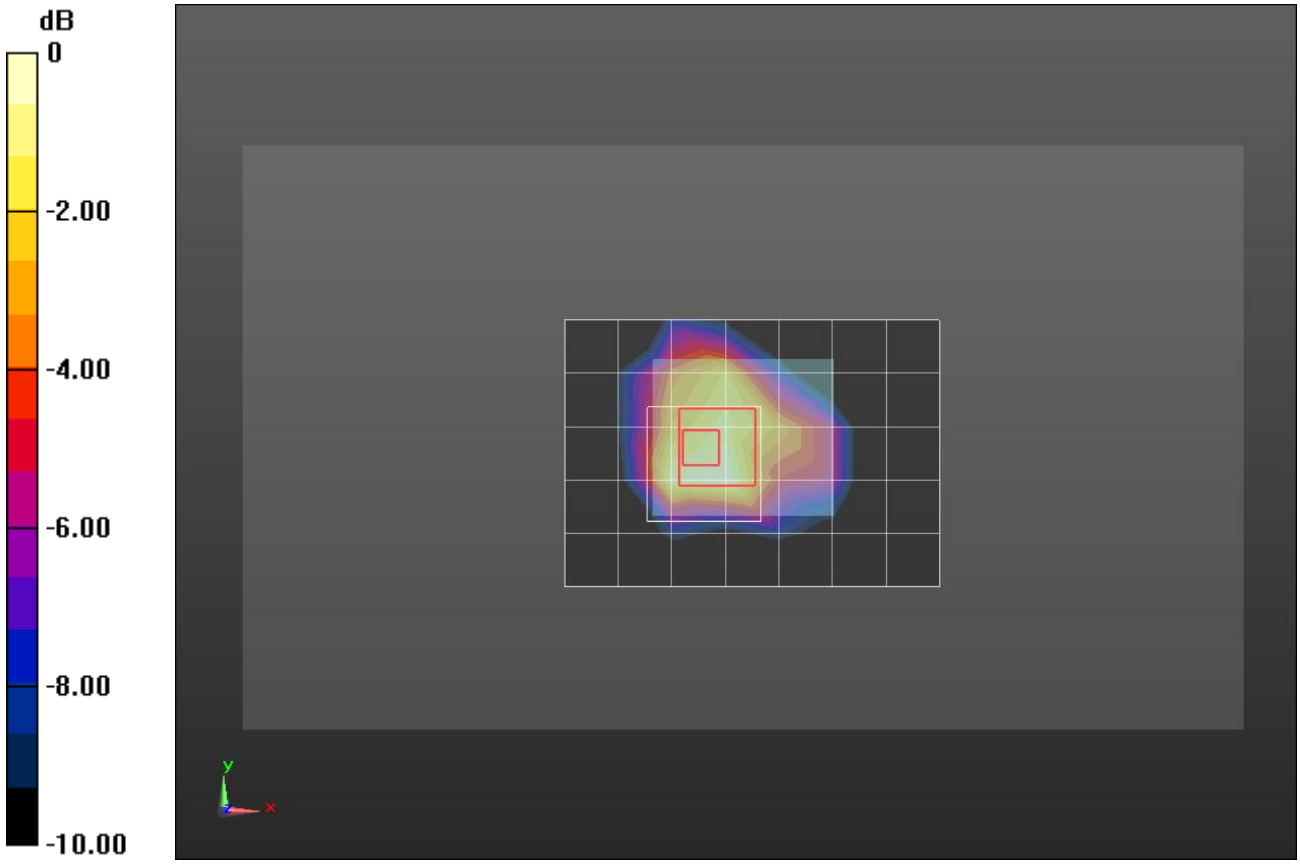
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.375 S/m; ε_r = 39.061; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1446; Calibrated: 2015-08-17
- Probe: EX3DV4 - SN7313; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-23;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1166

Extremity/1XRTT SO32 RC3/3 Channel 600/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

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

Extremity/1XRTT SO32 RC3/3 Channel 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.06 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.478 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

Wi-Fi 2.4Ghz

Frequency: 2462 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.9 S/m; ε_r = 37.38; ρ = 1000 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 Sn479; Calibrated: 2014-10-15
- Probe: EX3DV4 - SN7352; ConvF(7.6, 7.6, 7.6); Calibrated: 2015-03-06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Middle); Type: QD000P40CD; Serial: TP:1854

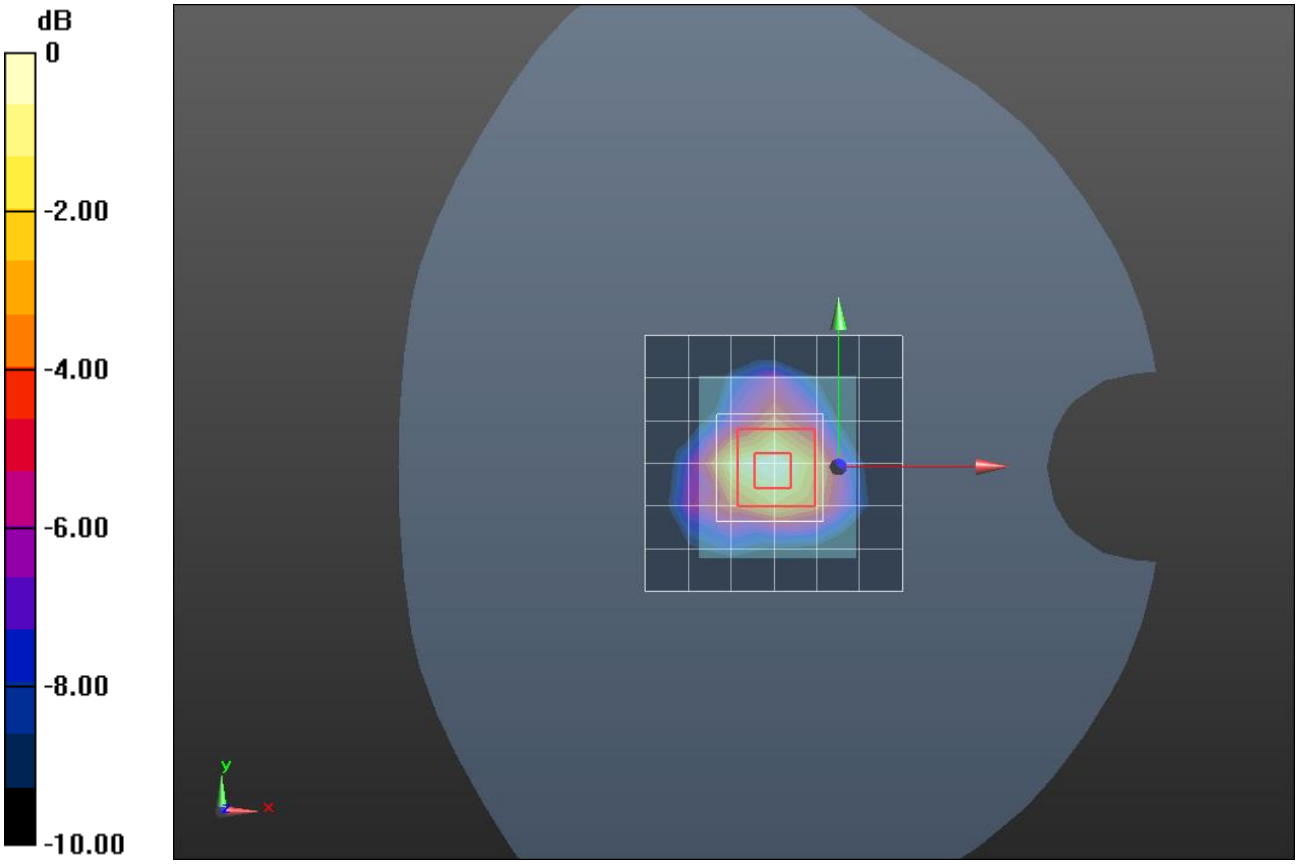
Next-to-Mouth/Wi-Fi_ 802.11b_ch 11/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0905 W/kg

Next-to-Mouth/Wi-Fi_ 802.11b_ch 11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.693 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.106 W/kg
SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.0841 W/kg



0 dB = 0.0841 W/kg = −10.75 dBW/kg

Wi-Fi 2.4Ghz

Frequency: 2462 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.049 S/m; ε_r = 50.475; ρ = 1000 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 Sn1446; Calibrated: 2015-08-17
- Probe: EX3DV4 - SN7313; ConvF(7.12, 7.12, 7.12); Calibrated: 2015-07-23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:2005

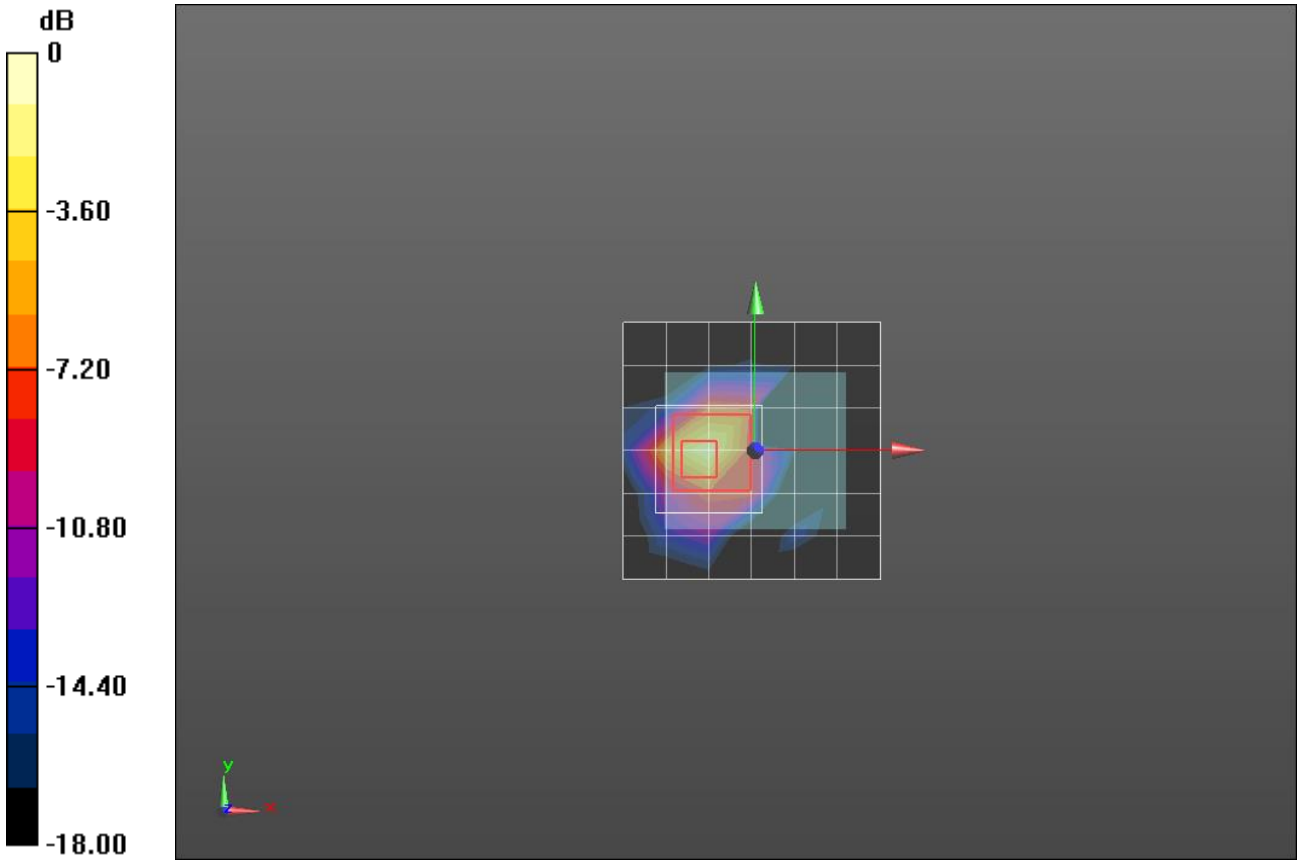
Extremity/802.11b_ch 11/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.293 W/kg

Extremity/802.11b_ch 11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.33 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.586 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.351 W/kg



0 dB = 0.351 W/kg = −4.55 dBW/kg

Bluetooth

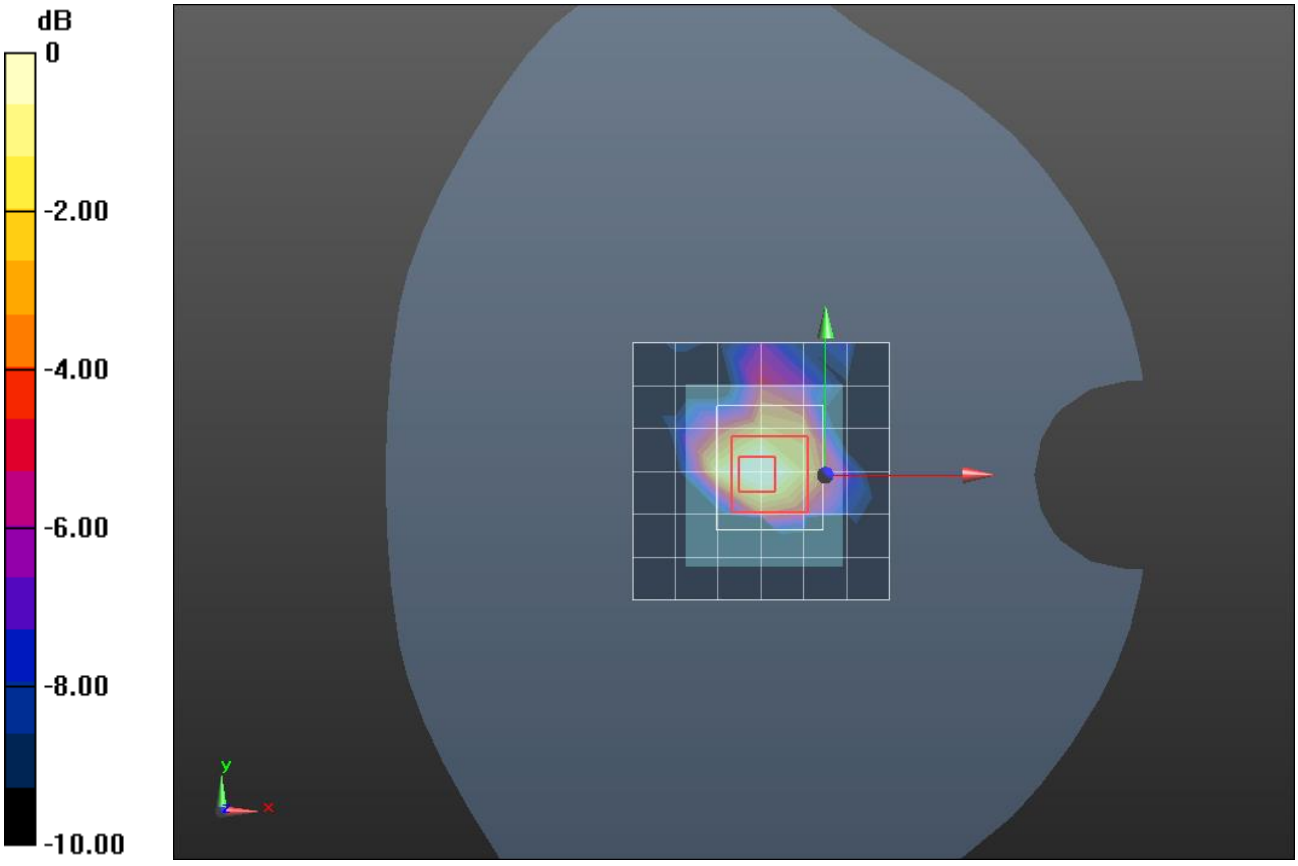
Frequency: 2480 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2480 MHz; σ = 1.917 S/m; ε_r = 37.306; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn479; Calibrated: 2014-10-15
- Probe: EX3DV4 - SN7352; ConvF(7.6, 7.6, 7.6); Calibrated: 2015-03-06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Middle); Type: QD000P40CD; Serial: TP:1854

Next-to-Mouth/Bluetooth GFSK_ ch 78 2/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0149 W/kg

Next-to-Mouth/Bluetooth GFSK_ ch 78 2/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.653 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.0270 W/kg
SAR(1 g) = 0.00527 W/kg; SAR(10 g) = 0.0014 W/kg
Maximum value of SAR (measured) = 0.0115 W/kg



0 dB = 0.0115 W/kg = −19.39 dBW/kg

Bluetooth

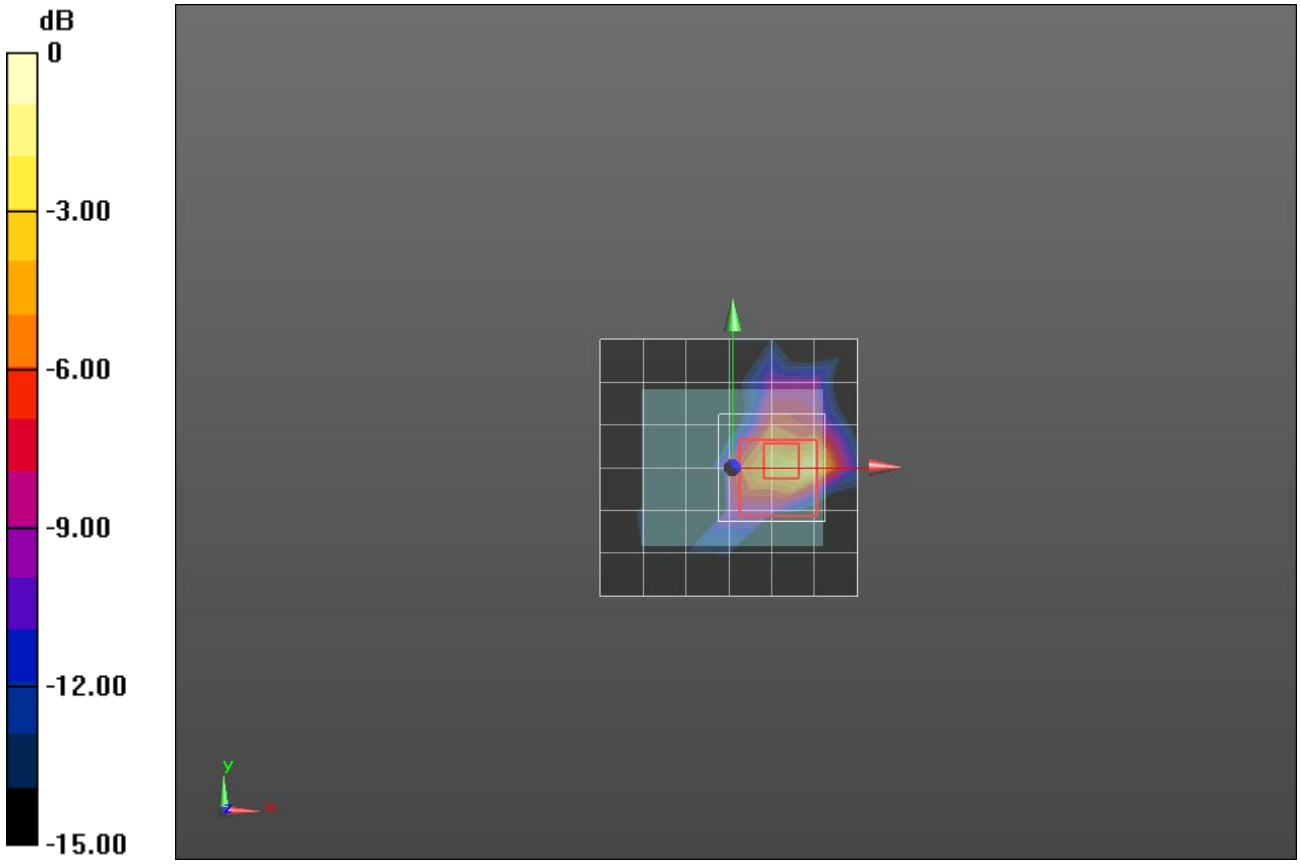
Frequency: 2480 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2480 MHz; σ = 2.069 S/m; ε_r = 50.415; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1446; Calibrated: 2015-08-17
- Probe: EX3DV4 - SN7313; ConvF(7.12, 7.12, 7.12); Calibrated: 2015-07-23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:2005

Extremity/Bluetooth GFSK_ch78 2/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0407 W/kg

Extremity/Bluetooth GFSK_ch78 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.4990 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.100 W/kg
SAR(1 g) = 0.00476 W/kg; SAR(10 g) = 0.000564 W/kg
Maximum value of SAR (measured) = 0.0501 W/kg



0 dB = 0.0501 W/kg = −13.00 dBW/kg