

GSM850

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; $\sigma = 0.902$ S/m; $\epsilon_r = 41.679$; $\rho = 1000$ 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 Sn1434; Calibrated: 4/19/2017
- Probe: EX3DV4 - SN7463; ConvF(9.47, 9.47, 9.47); Calibrated: 7/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

LHS/Touch_GPRS 4 slots_ch 190/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.264 W/kg

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

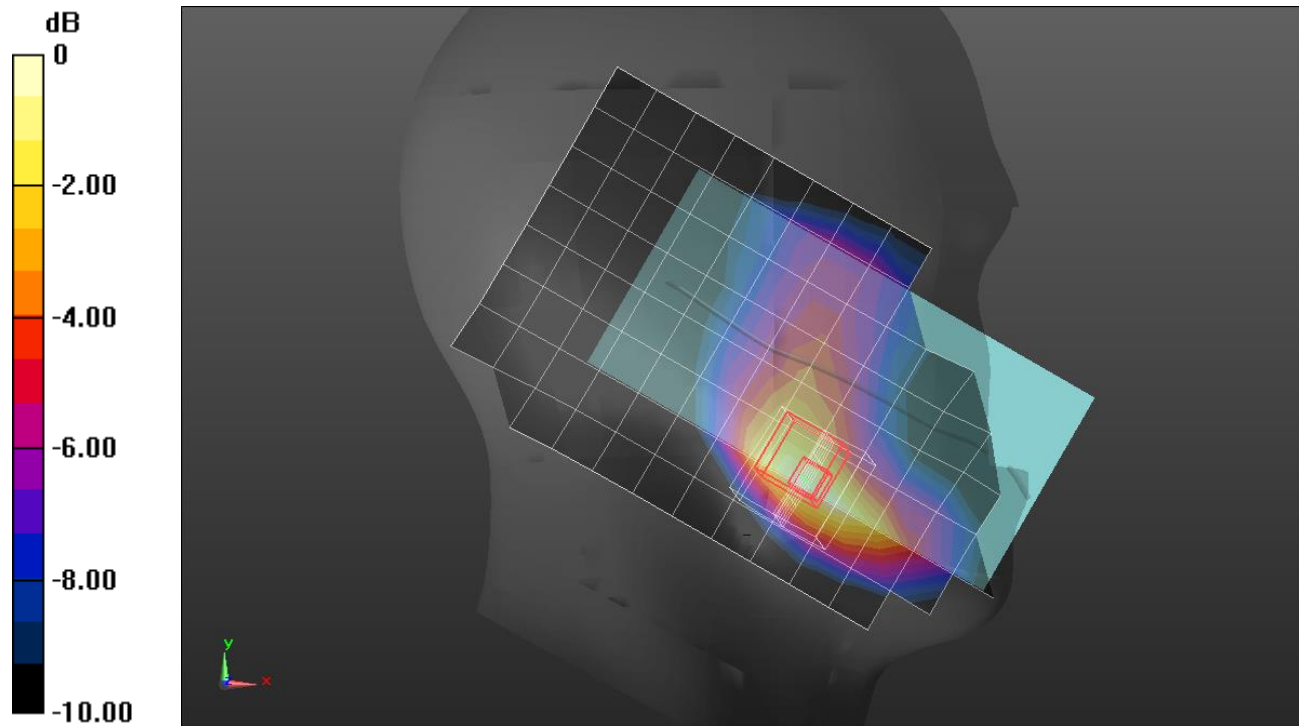
Reference Value = 19.48 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.293 W/kg

SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.102 W/kg

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

Maximum value of SAR (measured) = 0.268 W/kg



0 dB = 0.268 W/kg = -5.72 dBW/kg

GSM850

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; $\sigma = 0.978$ S/m; $\epsilon_r = 53.627$; $\rho = 1000$ 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 Sn1357; Calibrated: 2/13/2017
- Probe: EX3DV4 - SN3772; ConvF(8.95, 8.95, 8.95); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Front/GPRS 4 slots_ch 190_15mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.192 W/kg

Front/GPRS 4 slots_ch 190_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

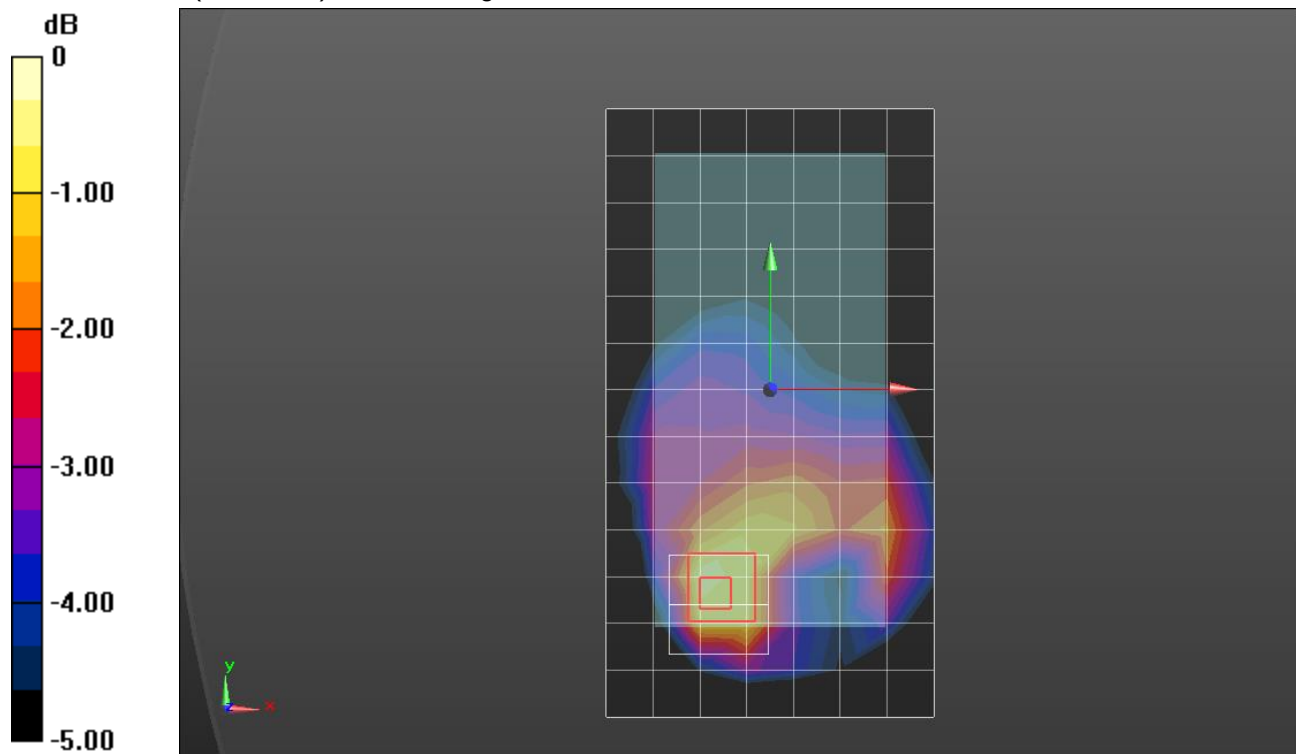
Reference Value = 13.38 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.104 W/kg

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

Maximum value of SAR (measured) = 0.212 W/kg



0 dB = 0.212 W/kg = -6.74 dBW/kg

GSM850

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; $\sigma = 0.978$ S/m; $\epsilon_r = 53.627$; $\rho = 1000$ 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 Sn1357; Calibrated: 2/13/2017
- Probe: EX3DV4 - SN3772; ConvF(8.95, 8.95, 8.95); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Front/GPRS 4 slots_ch 190_10mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.344 W/kg

Front/GPRS 4 slots_ch 190_10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

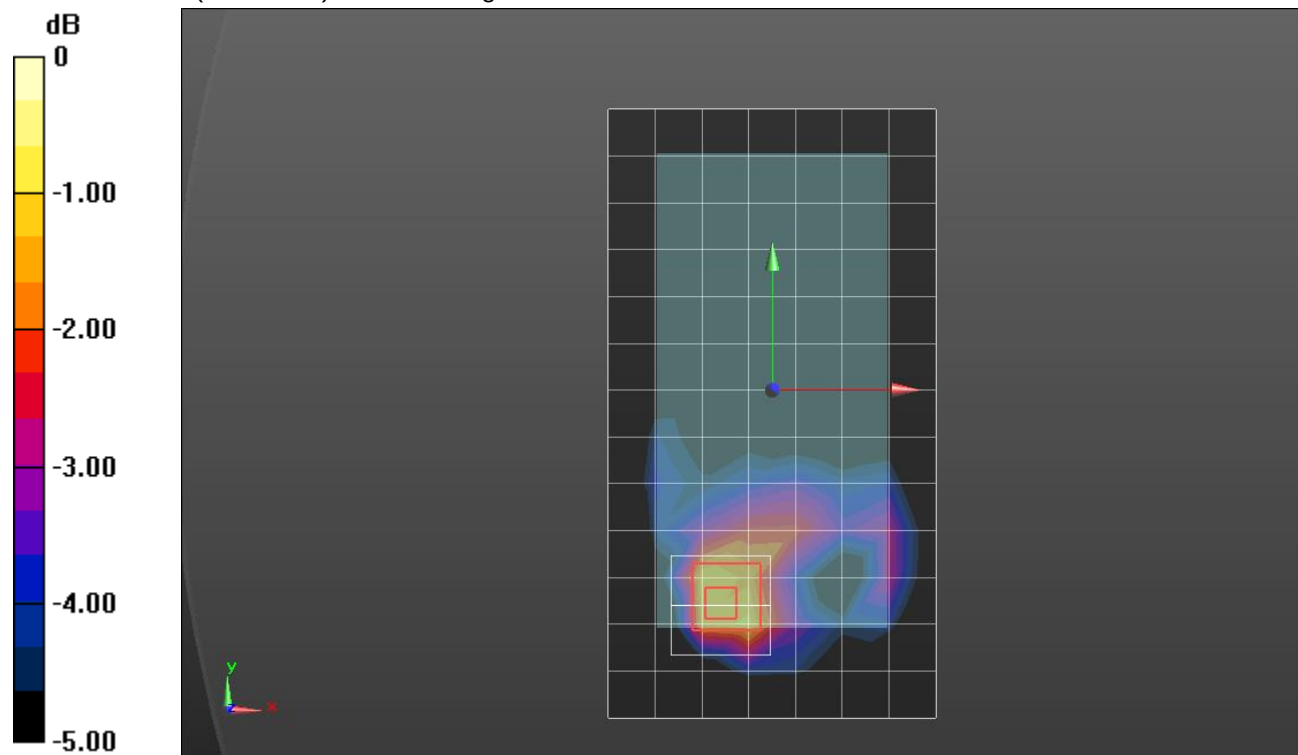
Reference Value = 18.17 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.487 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.192 W/kg

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

Maximum value of SAR (measured) = 0.421 W/kg



GSM1900

Frequency: 1880 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 41.043$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN7335; ConvF(8.51, 8.51, 8.51); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

RHS/Touch_GPRS 4 slots_ch 661/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.132 W/kg

RHS/Touch_GPRS 4 slots_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.938 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.144 W/kg

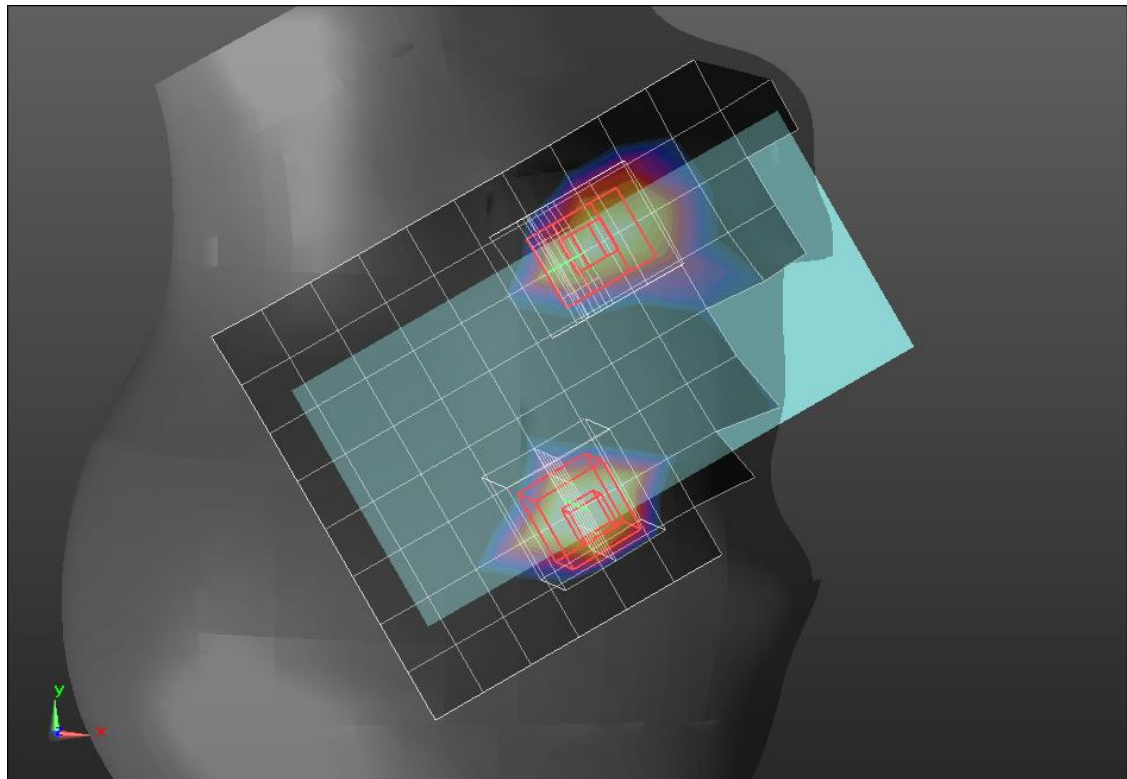
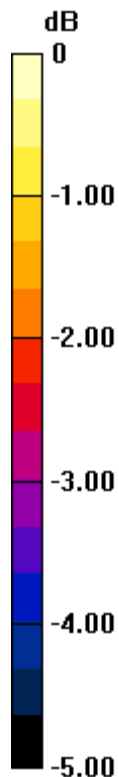
RHS/Touch_GPRS 4 slots_ch 661/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.938 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.0980 W/kg



0 dB = 0.0980 W/kg = -10.09 dBW/kg

GSM1900

Frequency: 1880 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.482$ S/m; $\epsilon_r = 53.548$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN7335; ConvF(8.18, 8.18, 8.18); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 001 BB; Serial: 1120

Front/GPRS 4 slots_ch 661_15mm/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.151 W/kg

Front/GPRS 4 slots_ch 661_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.723 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.080 W/kg

Maximum value of SAR (measured) = 0.166 W/kg

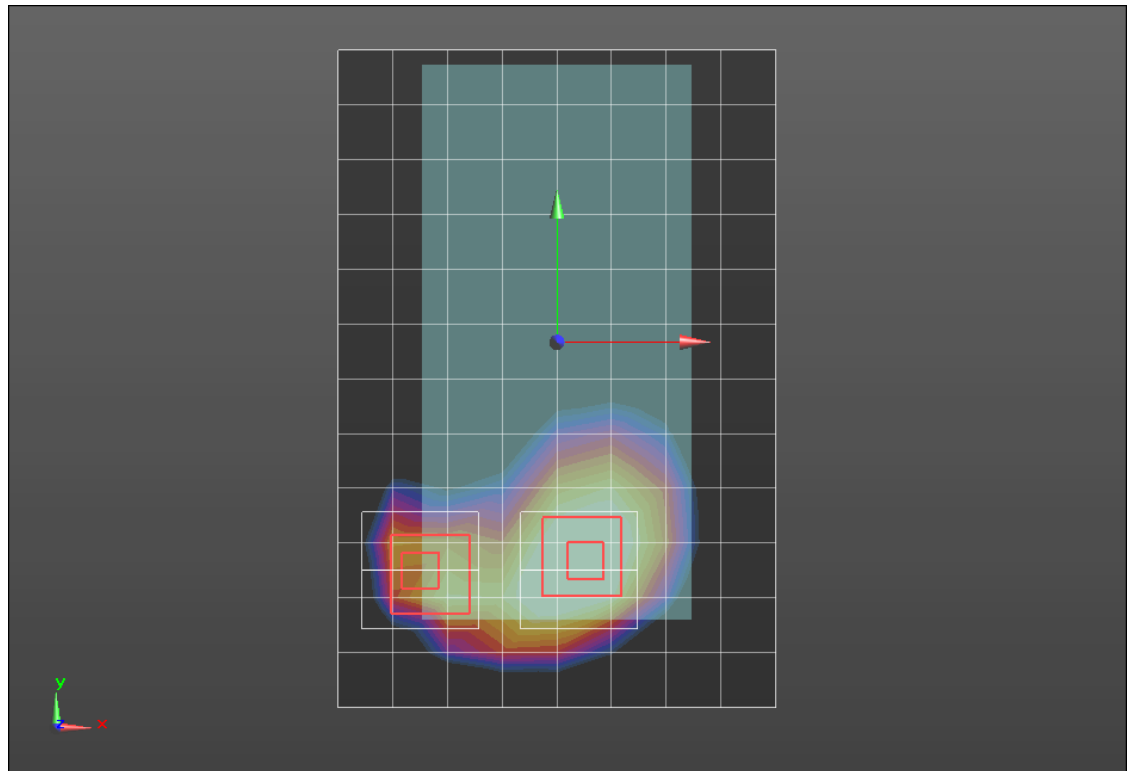
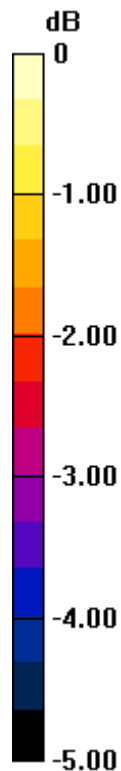
Front/GPRS 4 slots_ch 661_15mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.723 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.130 W/kg



0 dB = 0.130 W/kg = -8.86 dBW/kg

GSM1900

Frequency: 1880 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.482$ S/m; $\epsilon_r = 53.548$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN7335; ConvF(8.18, 8.18, 8.18); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 001 BB; Serial: 1120

Edge 3/GPRS 4 slots_ch 661/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.429 W/kg

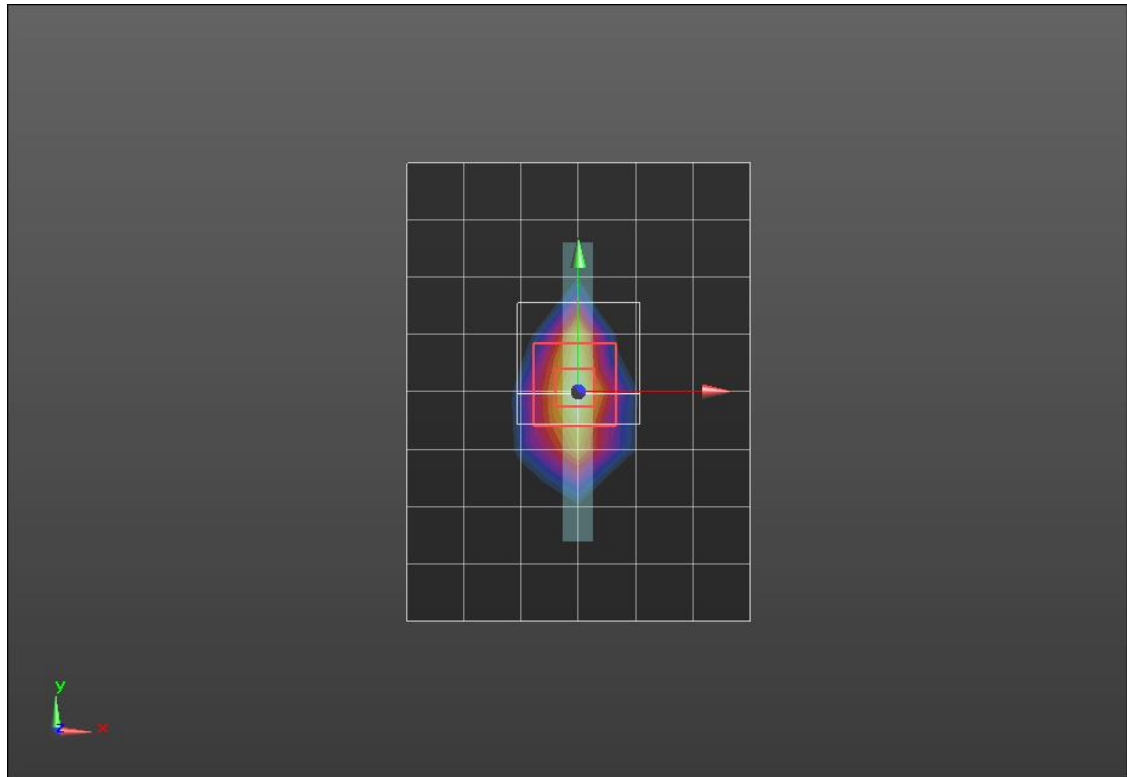
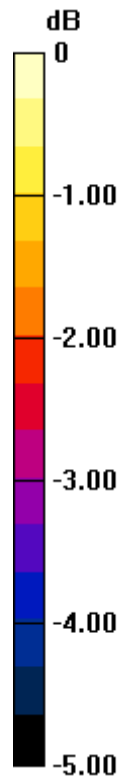
Edge 3/GPRS 4 slots_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.976 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.489 W/kg

SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 0.422 W/kg



0 dB = 0.422 W/kg = -3.75 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; $\sigma = 1.415$ S/m; $\epsilon_r = 41.043$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN7335; ConvF(8.51, 8.51, 8.51); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

LHS/Touch_RMC Rel. 99_ch 9400/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.365 W/kg

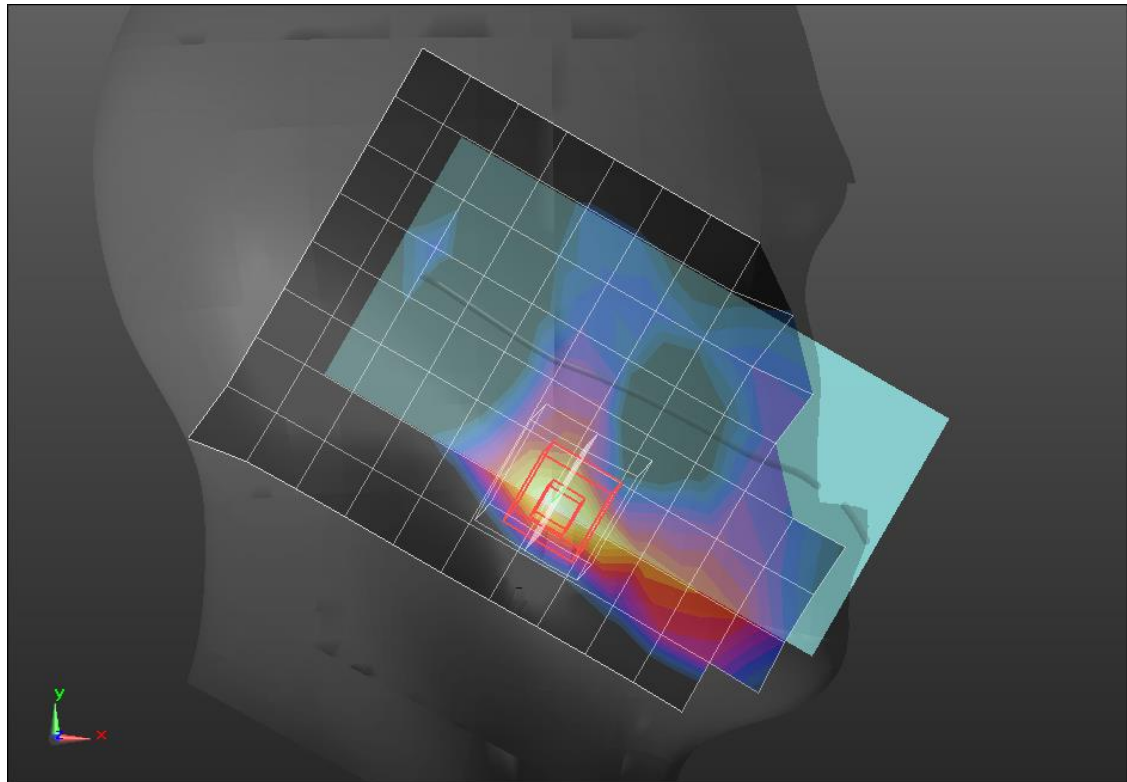
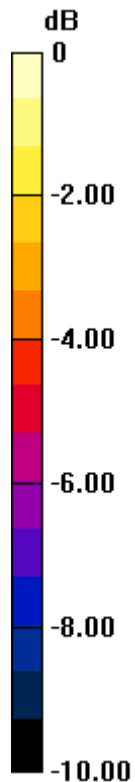
LHS/Touch_RMC Rel. 99_ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.643 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.363 W/kg



0 dB = 0.363 W/kg = -4.40 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; $\sigma = 1.482$ S/m; $\epsilon_r = 53.548$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN7335; ConvF(8.18, 8.18, 8.18); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 001 BB; Serial: 1120

Front/RMC Rel. 99_ch 9400_15mm/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.312 W/kg

Front/RMC Rel. 99_ch 9400_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.881 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.156 W/kg

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

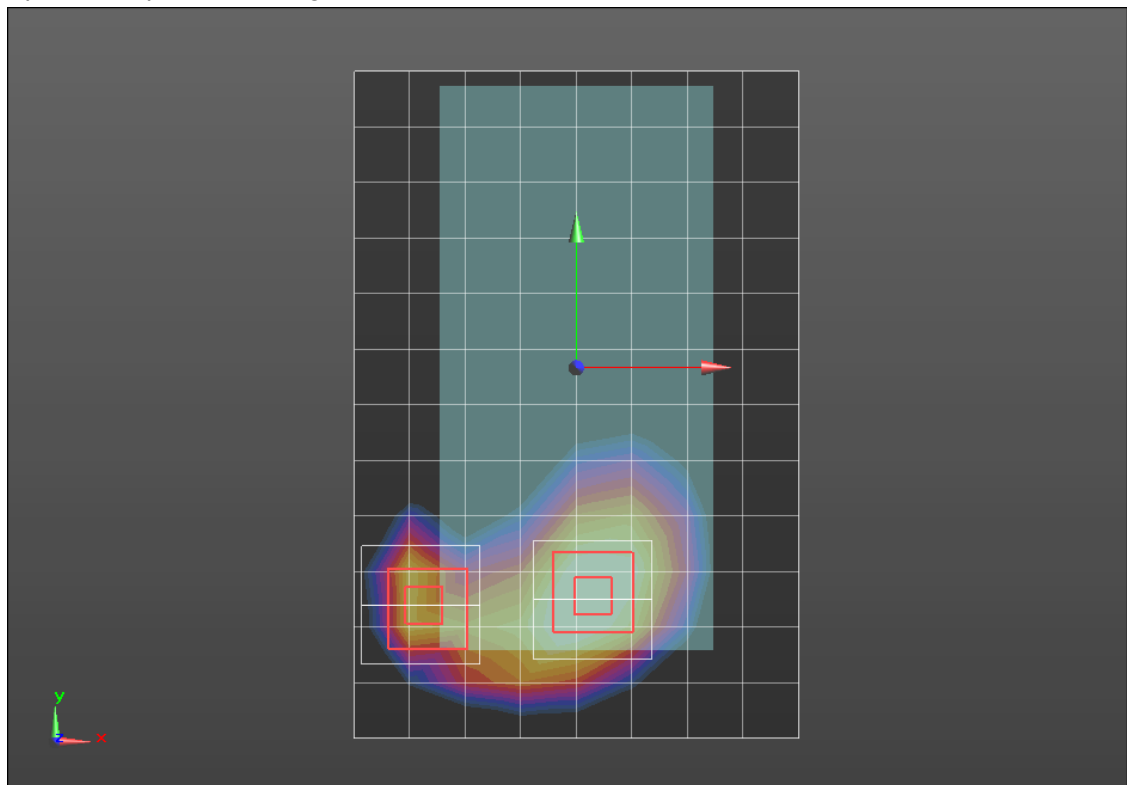
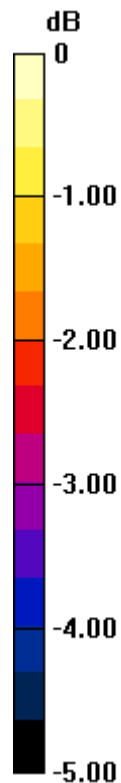
Front/RMC Rel. 99_ch 9400_15mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.881 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.286 W/kg



0 dB = 0.286 W/kg = -5.44 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; $\sigma = 1.482$ S/m; $\epsilon_r = 53.548$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN7335; ConvF(8.18, 8.18, 8.18); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 001 BB; Serial: 1120

Front/RMC Rel. 99_ch 9400_10mm/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.630 W/kg

Front/RMC Rel. 99_ch 9400_10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.766 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.914 W/kg

SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.762 W/kg

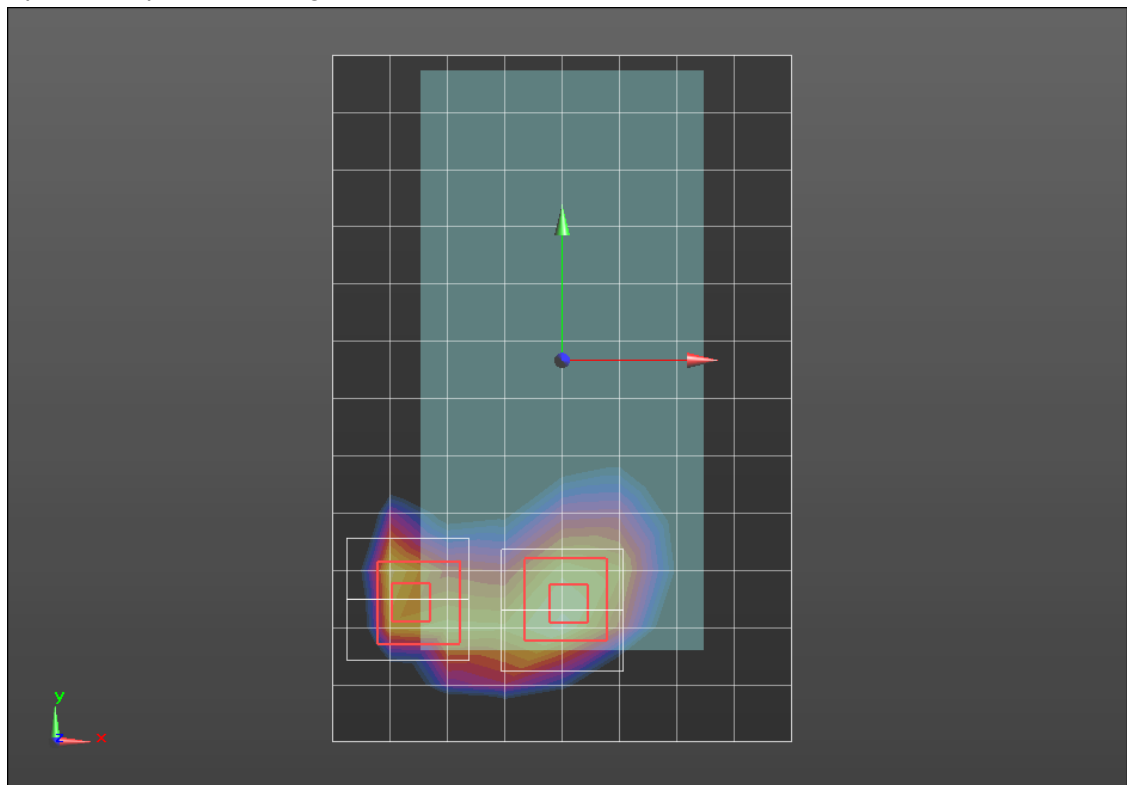
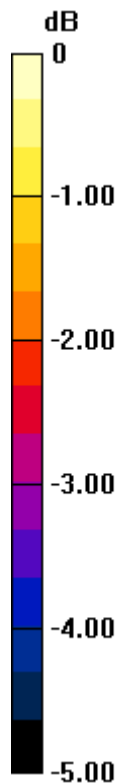
Front/RMC Rel. 99_ch 9400_10mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.766 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.755 W/kg

SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (measured) = 0.659 W/kg



0 dB = 0.659 W/kg = -1.81 dBW/kg

W-CDMA Band IV

Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.362$ S/m; $\epsilon_r = 38.496$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN7335; ConvF(8.82, 8.82, 8.82); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

LHS/Touch_RMC Rel. 99_ch 1413/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.444 W/kg

LHS/Touch_RMC Rel. 99_ch 1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

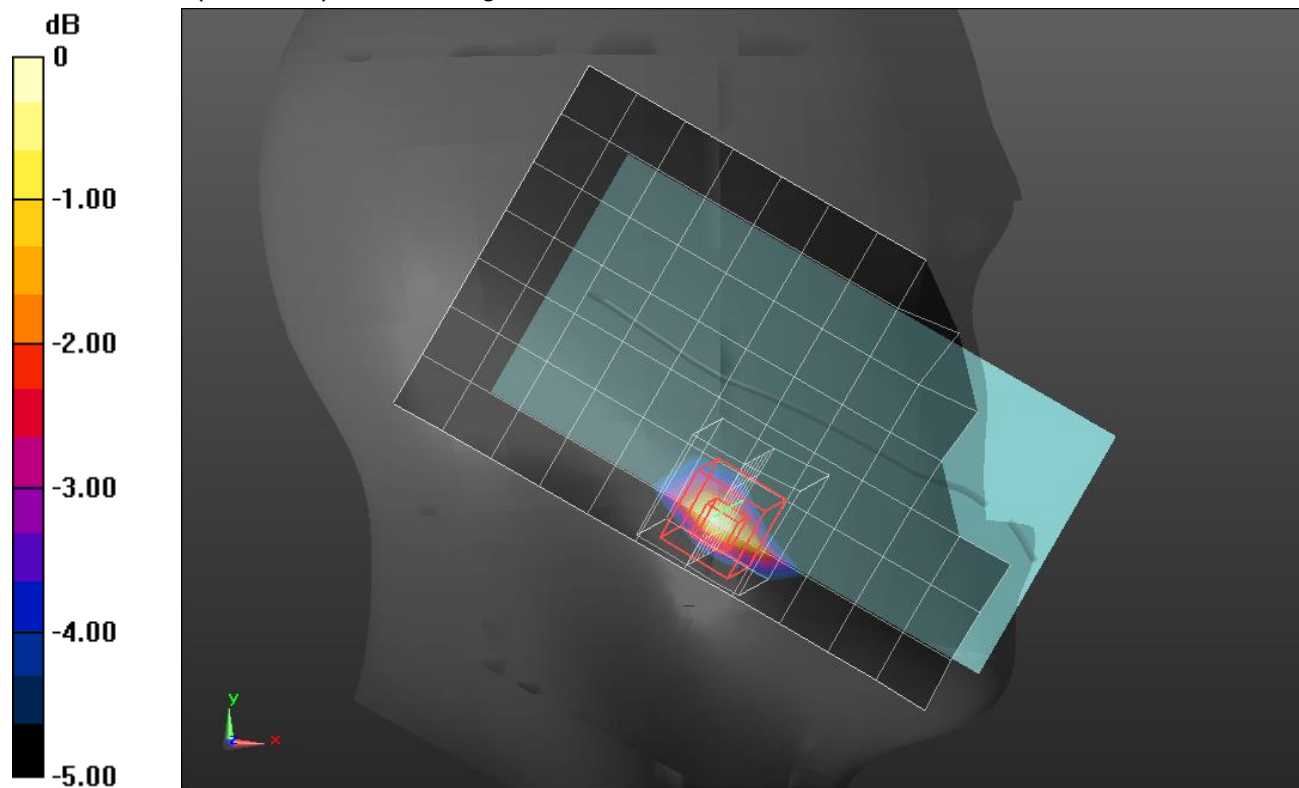
Reference Value = 16.504 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.527 W/kg

SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.134 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 IV

Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.467$ S/m; $\epsilon_r = 51.806$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN7335; ConvF(8.44, 8.44, 8.44); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

Front/RMC Rel. 99_ch 1413_15mm/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.347 W/kg

Front/RMC Rel. 99_ch 1413_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.790 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.168 W/kg

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

Front/RMC Rel. 99_ch 1413_15mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

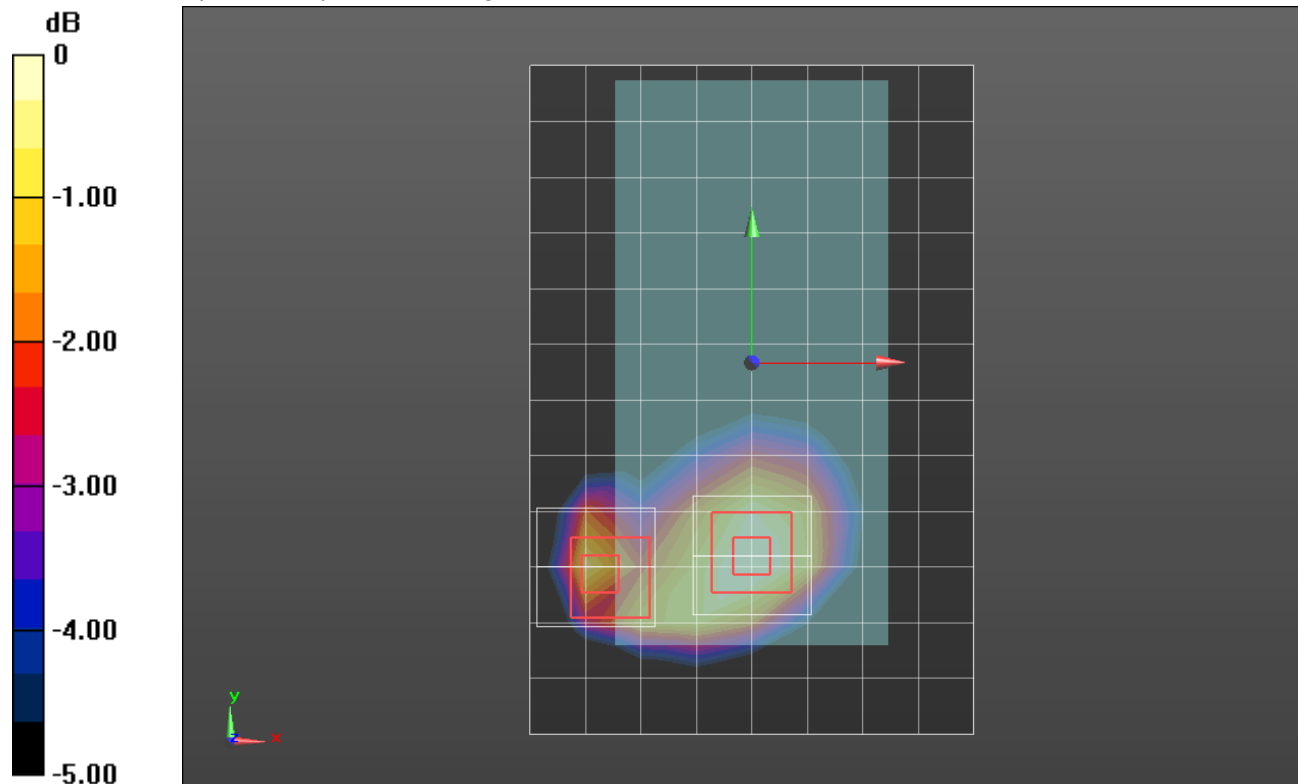
Reference Value = 14.790 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.122 W/kg

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

Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.315 W/kg = -5.02 dBW/kg

W-CDMA Band IV

Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.467$ S/m; $\epsilon_r = 51.806$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN7335; ConvF(8.44, 8.44, 8.44); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

Edge 4/RMC Rel. 99_ch 1413_10mm/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.620 W/kg

Edge 4/RMC Rel. 99_ch 1413_10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

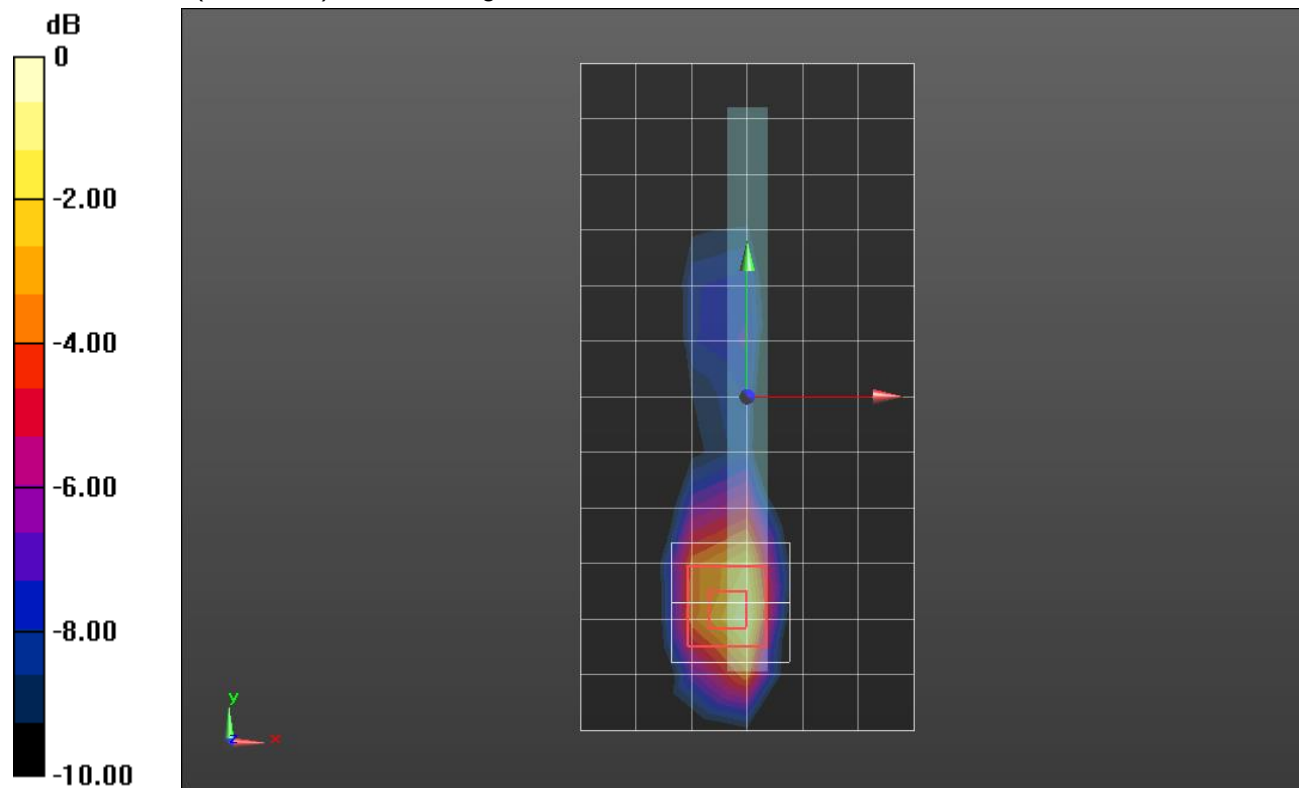
Reference Value = 20.029 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.969 W/kg

SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.255 W/kg

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

Maximum value of SAR (measured) = 0.710 W/kg



0 dB = 0.710 W/kg = -1.49 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; $\sigma = 0.902$ S/m; $\epsilon_r = 41.679$; $\rho = 1000$ 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 Sn1434; Calibrated: 4/19/2017
- Probe: EX3DV4 - SN7463; ConvF(9.47, 9.47, 9.47); Calibrated: 7/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

LHS/Touch_RMC Rel. 99_ch 4183/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.303 W/kg

LHS/Touch_RMC Rel. 99_ch 4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

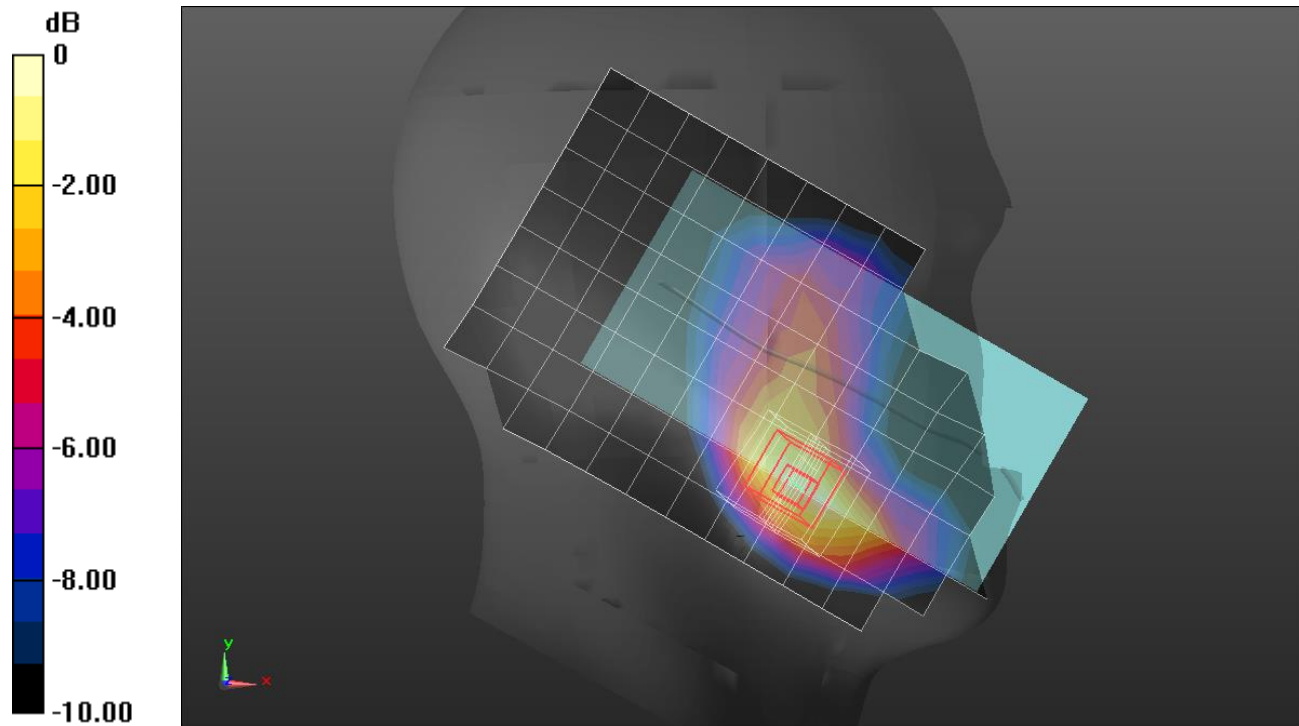
Reference Value = 17.37 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.142 W/kg

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

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



0 dB = 0.317 W/kg = -4.99 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; $\sigma = 0.978$ S/m; $\epsilon_r = 53.627$; $\rho = 1000$ 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 Sn1357; Calibrated: 2/13/2017
- Probe: EX3DV4 - SN3772; ConvF(8.95, 8.95, 8.95); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Front/RMC Rel. 99_ch 4183_15mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.256 W/kg

Front/RMC Rel. 99_ch 4183_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

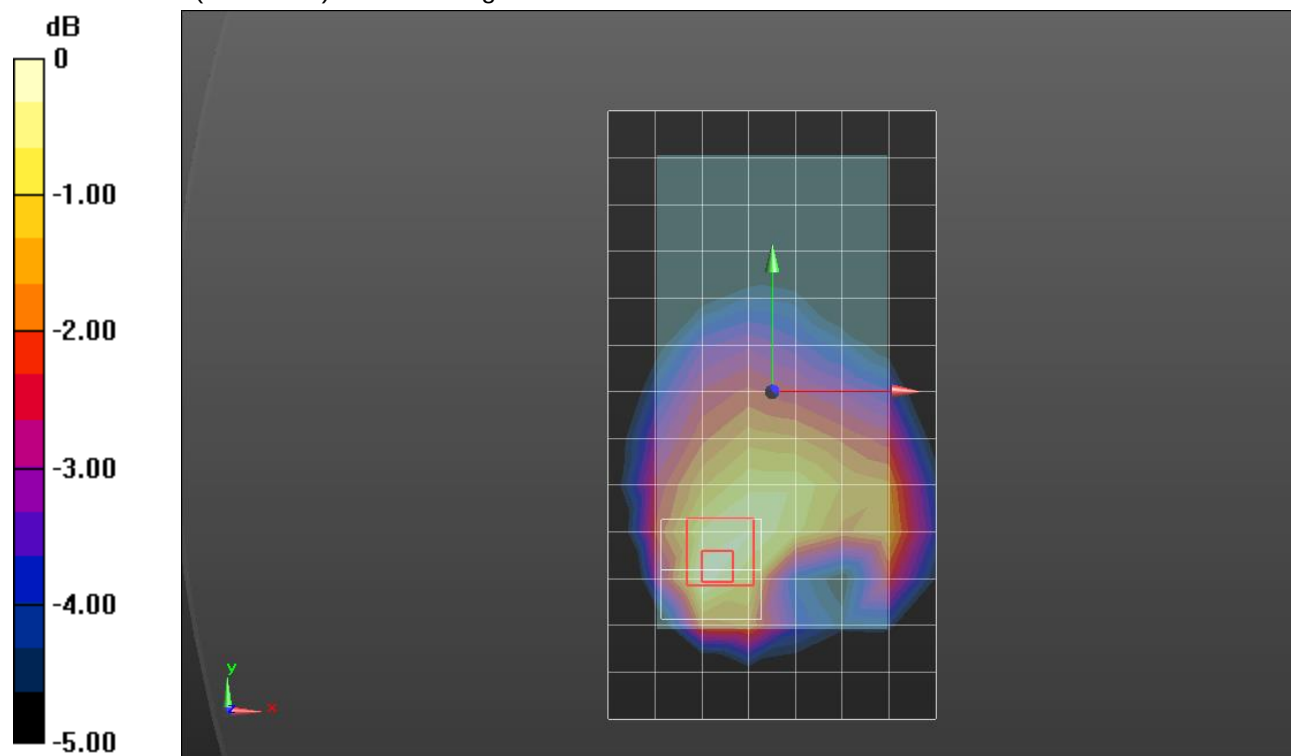
Reference Value = 15.56 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.138 W/kg

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

Maximum value of SAR (measured) = 0.261 W/kg



0 dB = 0.261 W/kg = -5.83 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; $\sigma = 0.978$ S/m; $\epsilon_r = 53.627$; $\rho = 1000$ 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 Sn1357; Calibrated: 2/13/2017
- Probe: EX3DV4 - SN3772; ConvF(8.95, 8.95, 8.95); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Front/RMC Rel. 99_ch 4183_10mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.466 W/kg

Front/RMC Rel. 99_ch 4183_10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

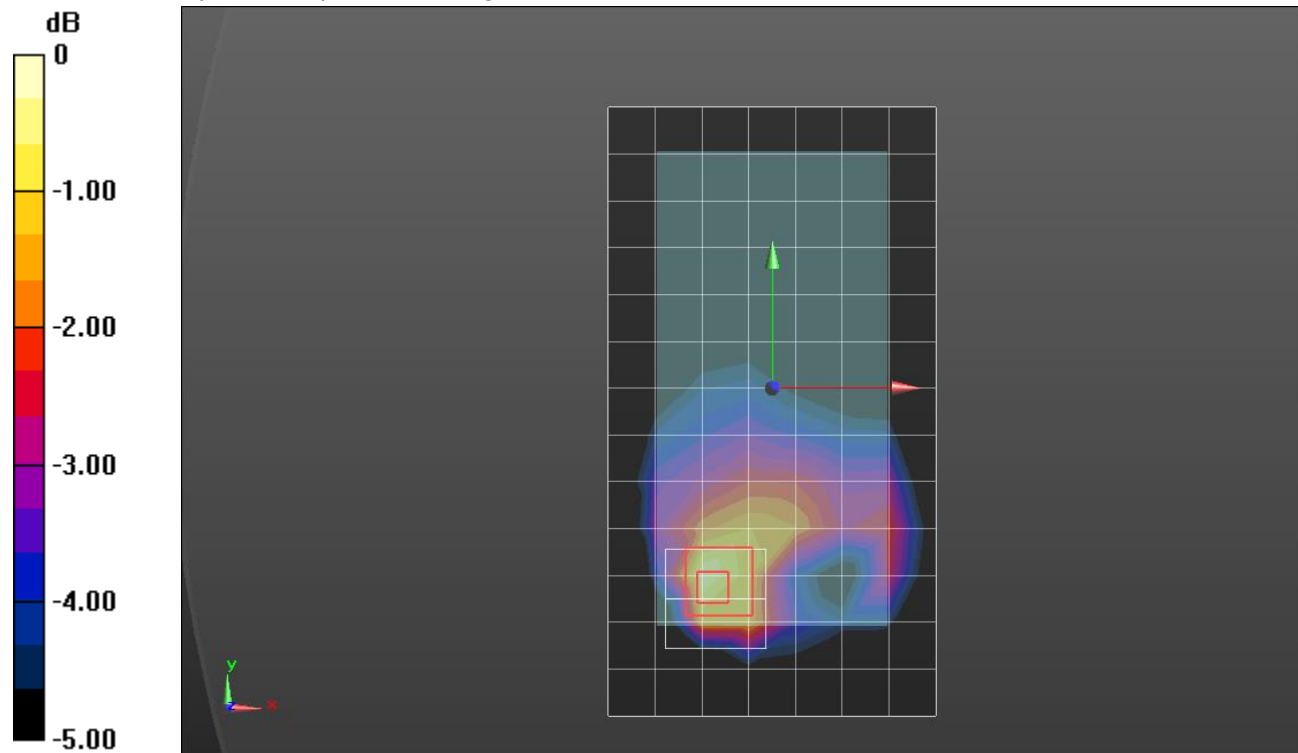
Reference Value = 21.02 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.590 W/kg

SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.236 W/kg

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

Maximum value of SAR (measured) = 0.499 W/kg



0 dB = 0.499 W/kg = -3.02 dBW/kg

LTE Band 2

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 41.043$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN7335; ConvF(8.51, 8.51, 8.51); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

LHS/Touch_QPSK RB 1,0 Ch 18900/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.240 W/kg

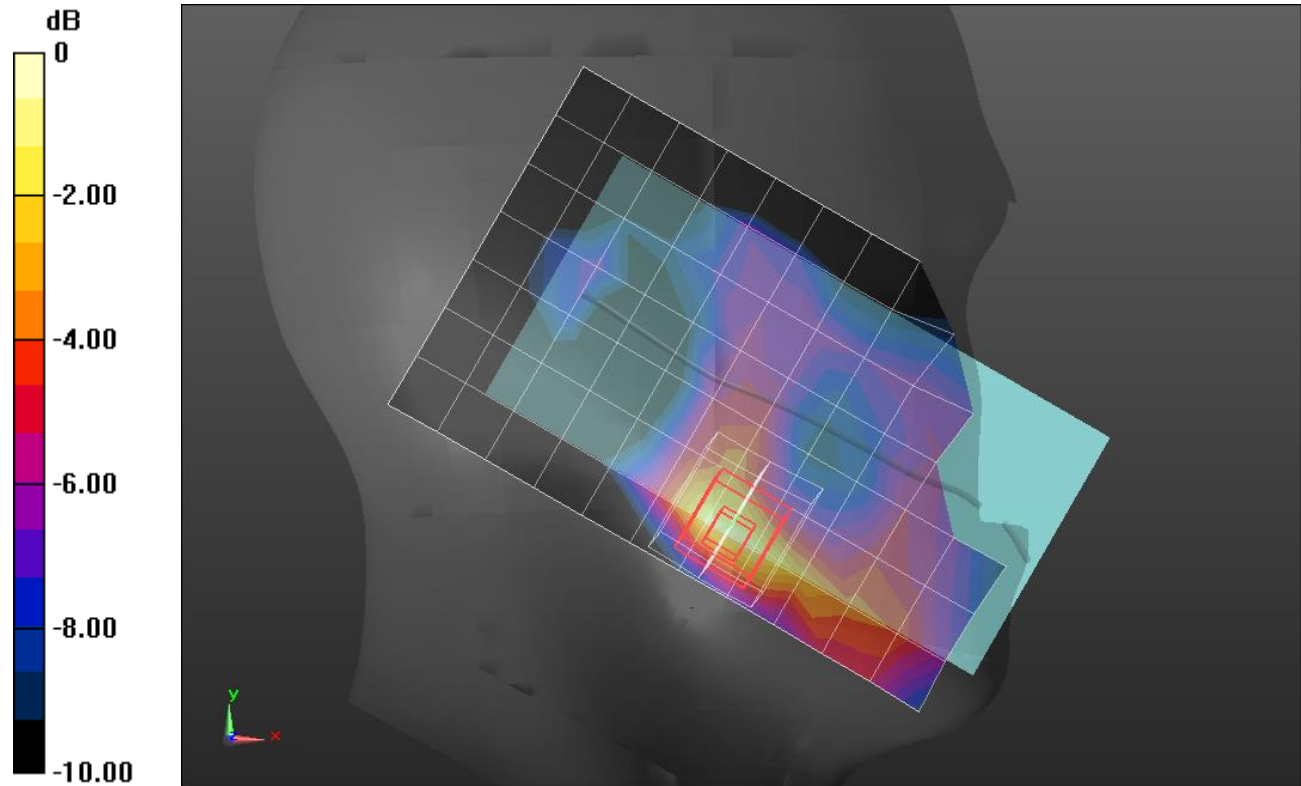
LHS/Touch_QPSK RB 1,0 Ch 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.590 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.346 W/kg

SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.288 W/kg



0 dB = 0.288 W/kg = -5.41 dBW/kg

LTE Band 2

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.482$ S/m; $\epsilon_r = 53.548$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN7335; ConvF(8.18, 8.18, 8.18); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 001 BB; Serial: 1120

Front/Front_QPSK RB 1,0_Ch 18900_15mm/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.388 W/kg

Front/Front_QPSK RB 1,0_Ch 18900_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.426 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.467 W/kg

SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 0.409 W/kg

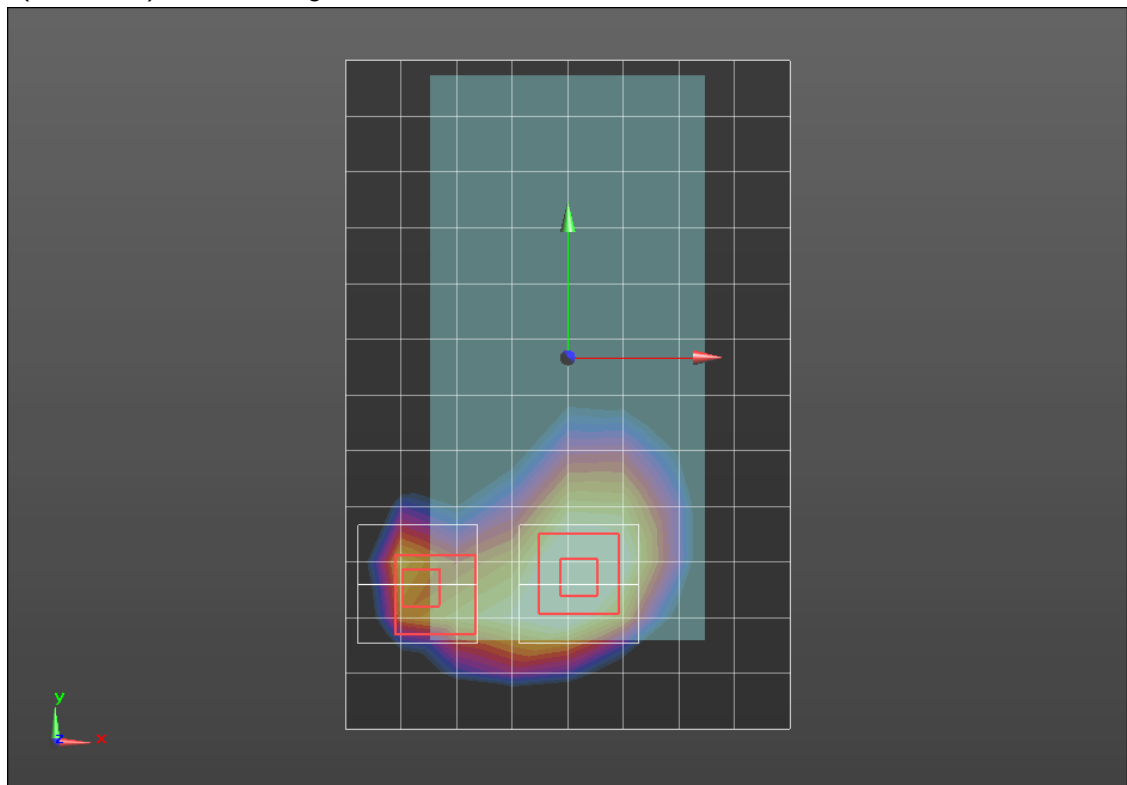
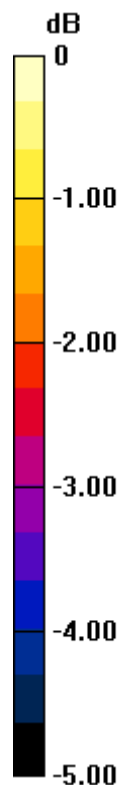
Front/Front_QPSK RB 1,0_Ch 18900_15mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.426 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.330 W/kg



0 dB = 0.330 W/kg = -4.81 dBW/kg

LTE Band 2

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.482$ S/m; $\epsilon_r = 53.548$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN7335; ConvF(8.18, 8.18, 8.18); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 001 BB; Serial: 1120

Edge 4/Edge 4_QPSK RB 1,0_Ch 18900/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.601 W/kg

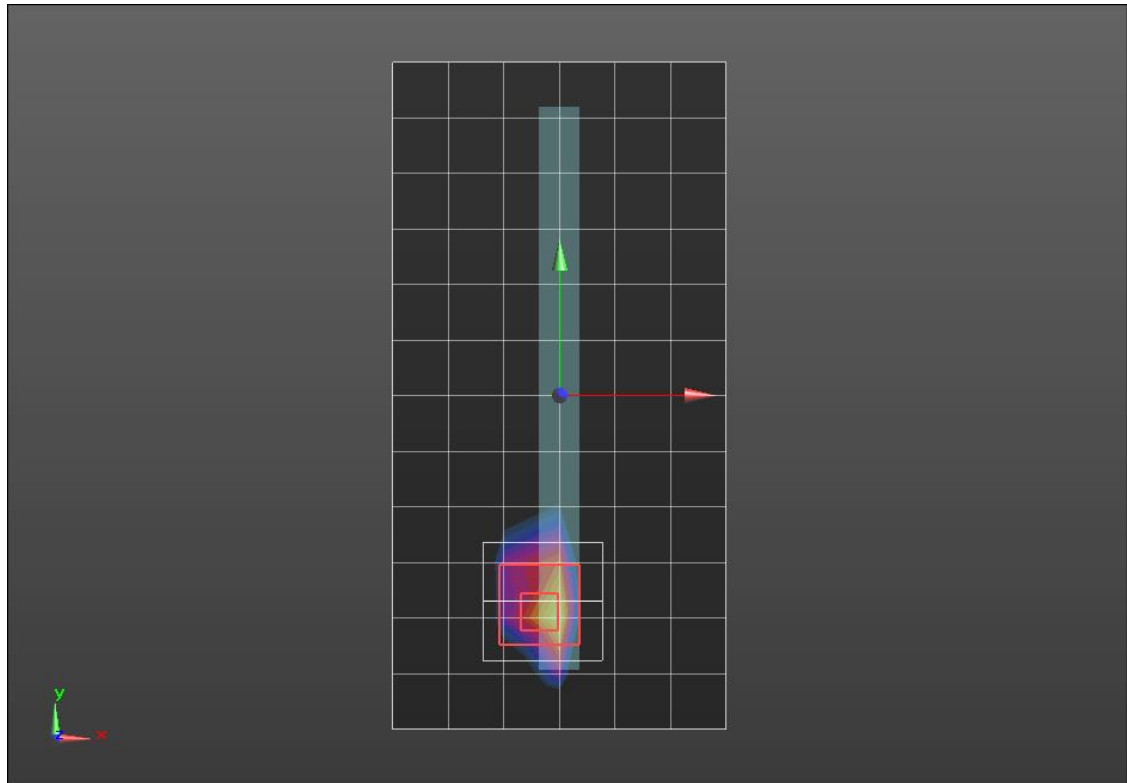
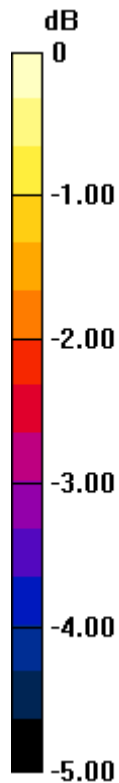
Edge 4/Edge 4_QPSK RB 1,0_Ch 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.867 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.934 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 0.673 W/kg



0 dB = 0.673 W/kg = -1.72 dBW/kg

LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 41.68$; $\rho = 1000$ 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 Sn1434; Calibrated: 4/19/2017
- Probe: EX3DV4 - SN7463; ConvF(9.47, 9.47, 9.47); Calibrated: 7/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

LHS/Touch_QPSK RB 1,25 Ch 20525/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.171 W/kg

LHS/Touch_QPSK RB 1,25 Ch 20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

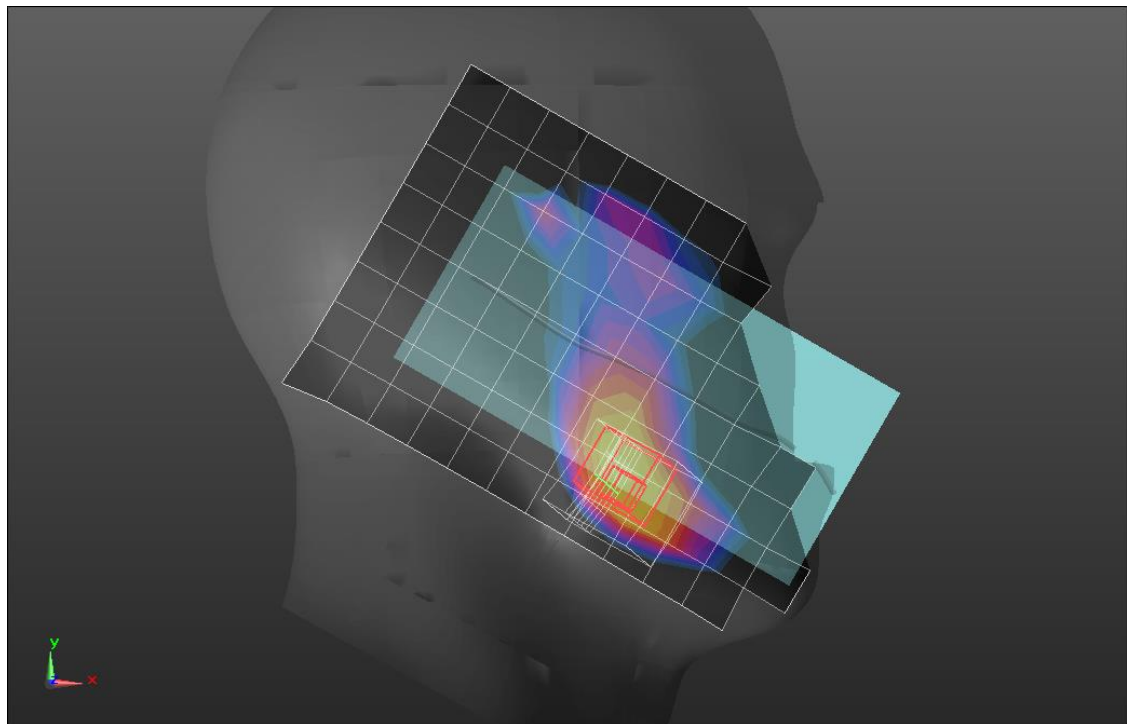
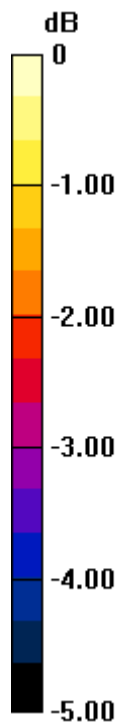
Reference Value = 13.87 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.111 W/kg

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

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



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

LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 53.628$; $\rho = 1000$ 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 Sn1357; Calibrated: 2/13/2017
- Probe: EX3DV4 - SN3772; ConvF(8.95, 8.95, 8.95); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Rear/QPSK RB 1,25 Ch 20525 15mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

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

Rear/QPSK RB 1,25 Ch 20525 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.40 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.086 W/kg

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

Maximum value of SAR (measured) = 0.174 W/kg

Rear/QPSK RB 1,25 Ch 20525 15mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

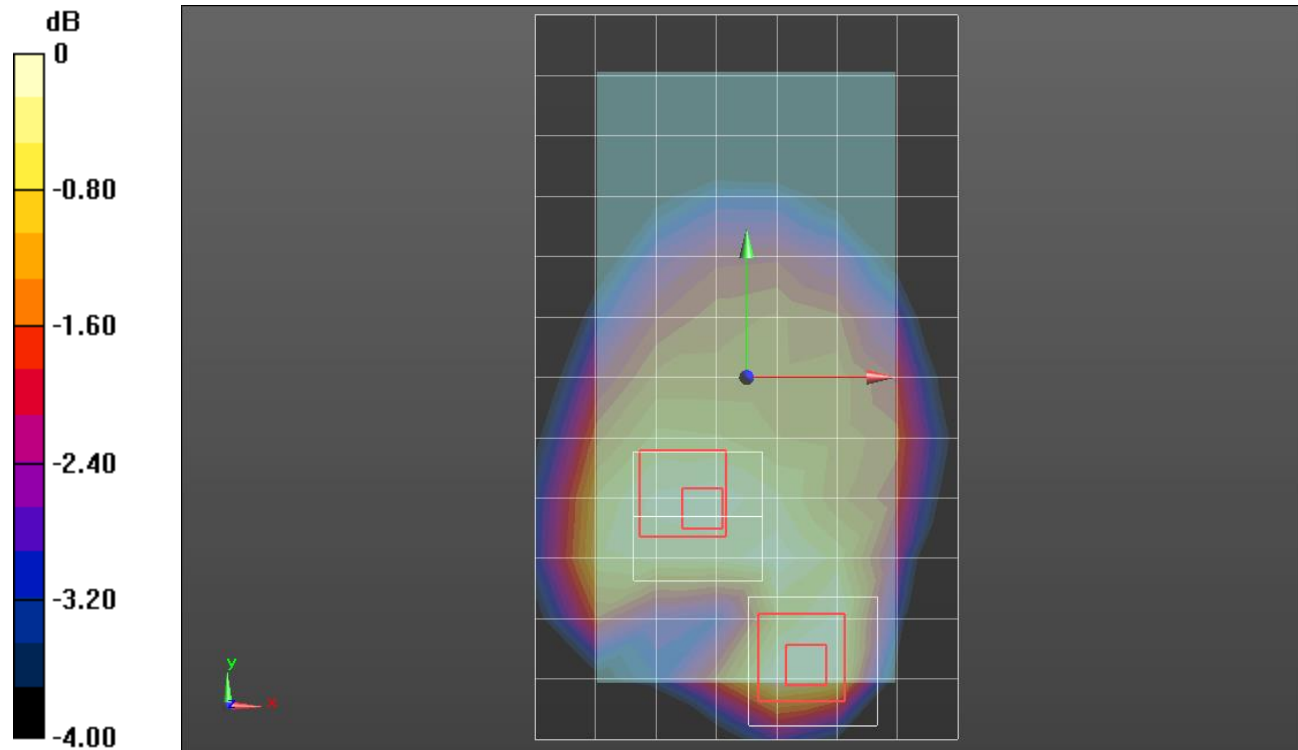
Reference Value = 12.40 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.094 W/kg

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

Maximum value of SAR (measured) = 0.162 W/kg



0 dB = 0.162 W/kg = -7.90 dBW/kg

LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 53.628$; $\rho = 1000$ 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 Sn1357; Calibrated: 2/13/2017
- Probe: EX3DV4 - SN3772; ConvF(8.95, 8.95, 8.95); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Rear/QPSK RB 1,25 Ch 20525 10mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.328 W/kg

Rear/QPSK RB 1,25 Ch 20525 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

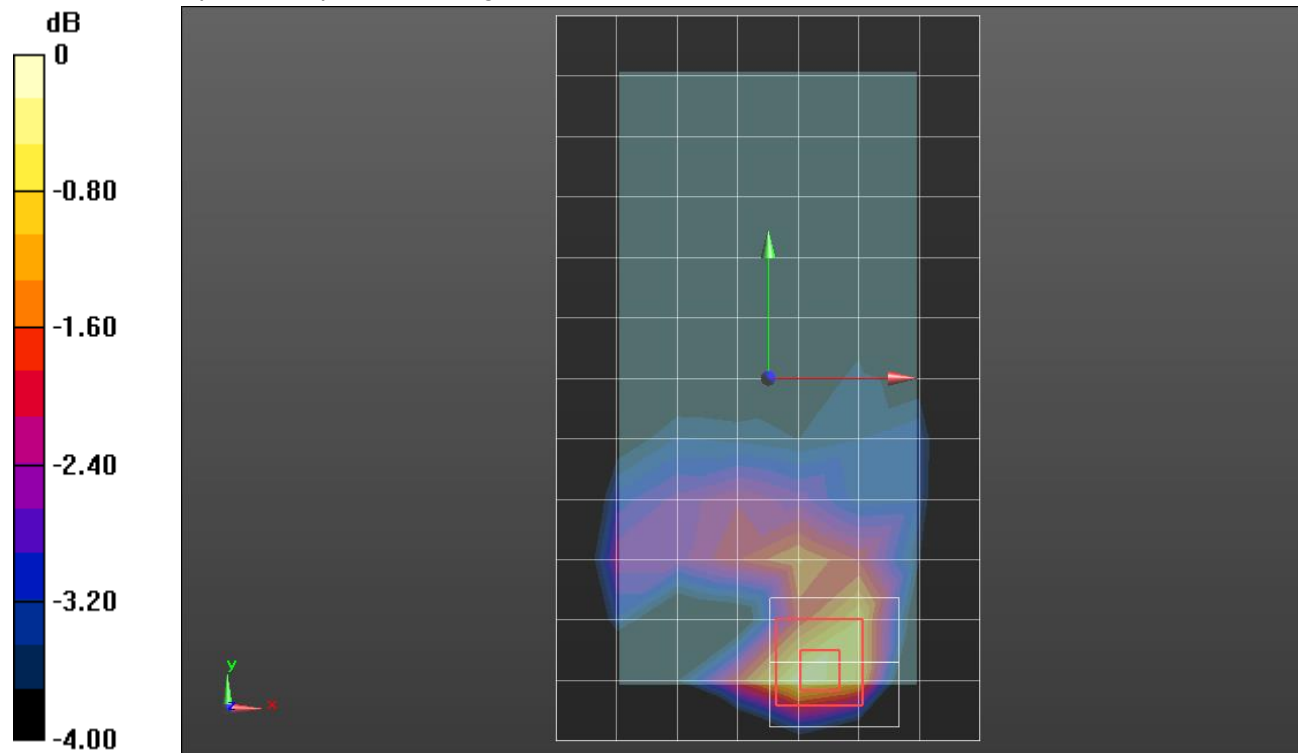
Reference Value = 17.85 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.166 W/kg

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

Maximum value of SAR (measured) = 0.350 W/kg



0 dB = 0.350 W/kg = -4.56 dBW/kg

LTE Band 7 (FCC)

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.964$ S/m; $\epsilon_r = 38.301$; $\rho = 1000$ 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 Sn1343; Calibrated: 8/21/2017
- Probe: EX3DV4 - SN3929; ConvF(6.84, 6.84, 6.84); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM v4.0(A); Type: QD000P40CD; Serial: 1632

LHS/Tilt_QPSK RB 1,0 Ch 21100/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.157 W/kg

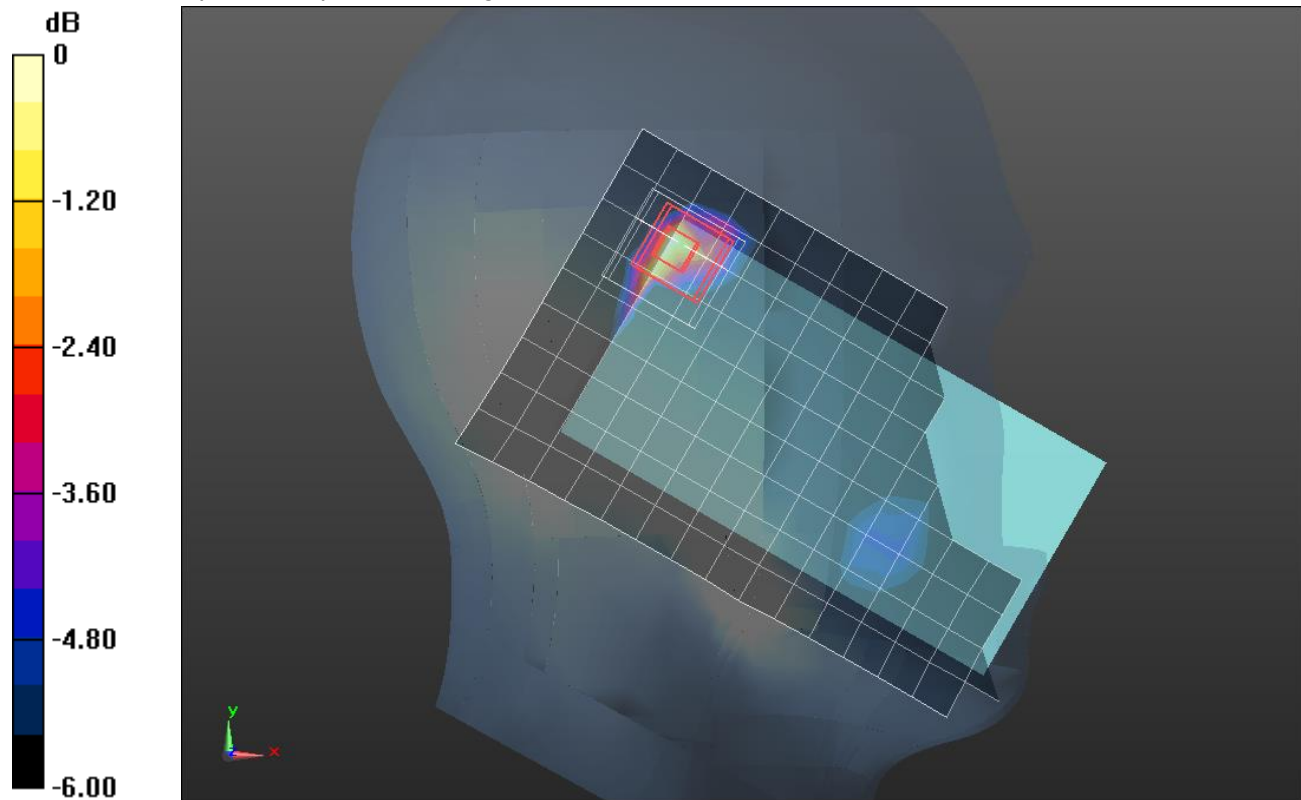
LHS/Tilt_QPSK RB 1,0 Ch 21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.016 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.158 W/kg



0 dB = 0.158 W/kg = -8.01 dBW/kg

LTE Band 7 (FCC)

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.007$ S/m; $\epsilon_r = 51.27$; $\rho = 1000$ 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: 1/20/2017
- Probe: EX3DV4 - SN3773; ConvF(6.76, 6.76, 6.76); Calibrated: 4/21/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Front/QPSK RB 50,24 Ch 21100 15mm/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.230 W/kg

Front/QPSK RB 50,24 Ch 21100 15mm/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.870 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.297 W/kg

SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.080 W/kg

Maximum value of SAR (measured) = 0.235 W/kg

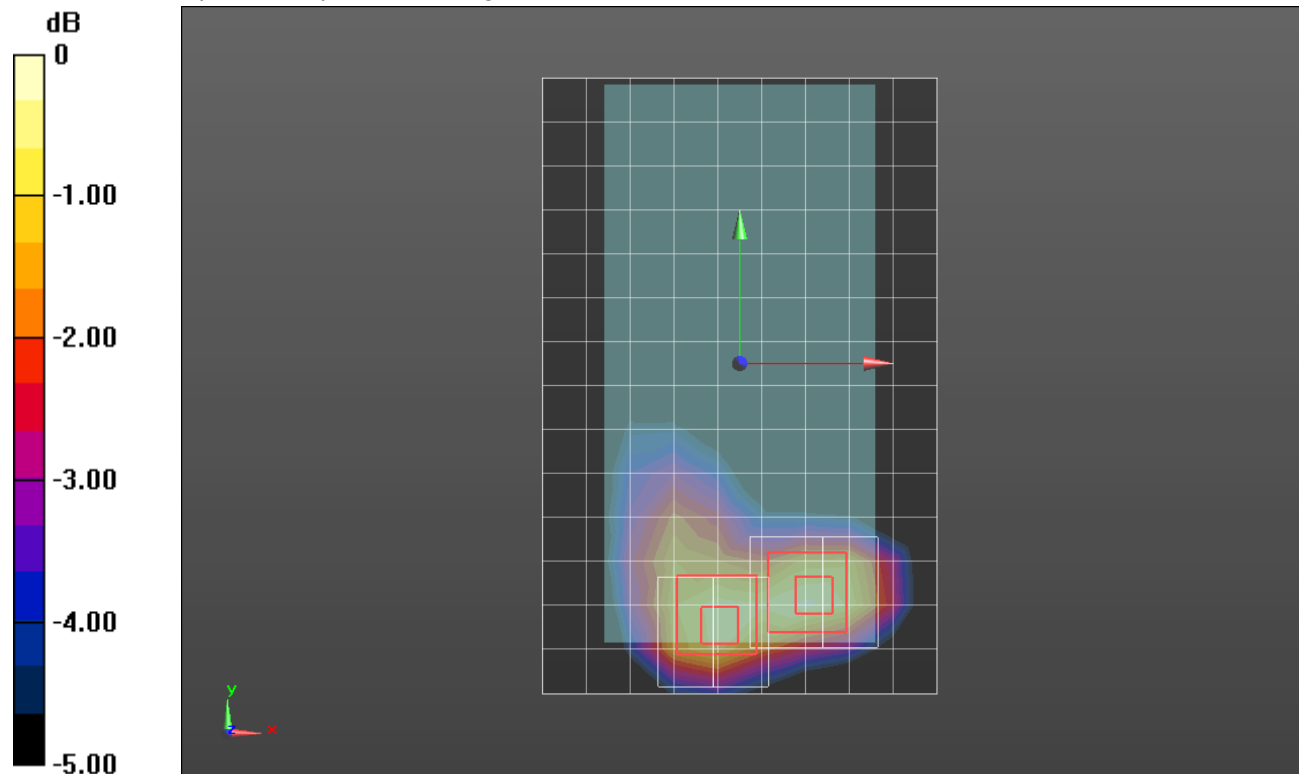
Front/QPSK RB 50,24 Ch 21100 15mm/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.870 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.240 W/kg



0 dB = 0.240 W/kg = -6.20 dBW/kg

LTE Band 7 (FCC)

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.007$ S/m; $\epsilon_r = 51.27$; $\rho = 1000$ 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: 1/20/2017
- Probe: EX3DV4 - SN3773; ConvF(6.76, 6.76, 6.76); Calibrated: 4/21/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

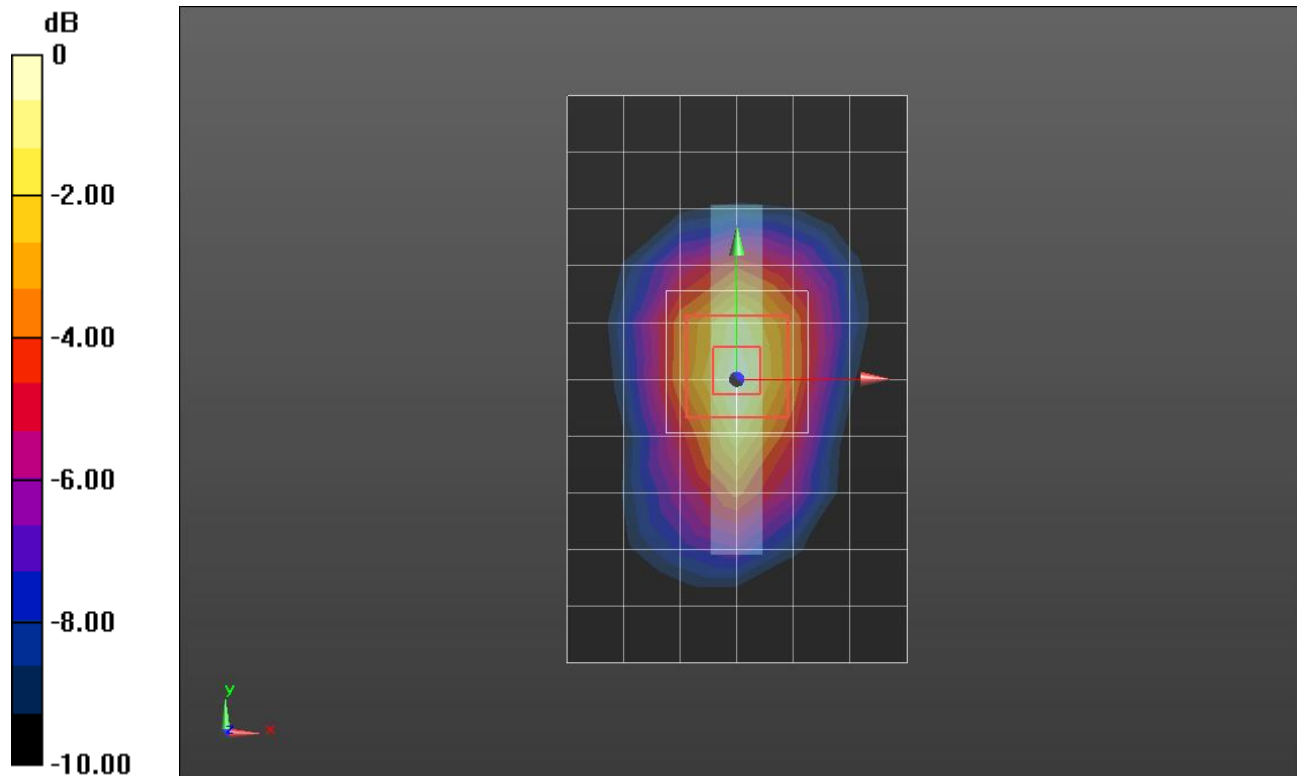
Edge 3/QPSK RB 1,0 Ch 21100 10mm/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.827 W/kg

Edge 3/QPSK RB 1,0 Ch 21100 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.57 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.504 W/kg; SAR(10 g) = 0.248 W/kg



0 dB = 0.827 W/kg = -0.82 dBW/kg

LTE Band 12

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 41.527$; $\rho = 1000$ 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 Sn1357; Calibrated: 2/13/2017
- Probe: EX3DV4 - SN3772; ConvF(8.85, 8.85, 8.85); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

LHS/Touch_QPSK RB 1,49 Ch 23095/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.0892 W/kg

LHS/Touch_QPSK RB 1,49 Ch 23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

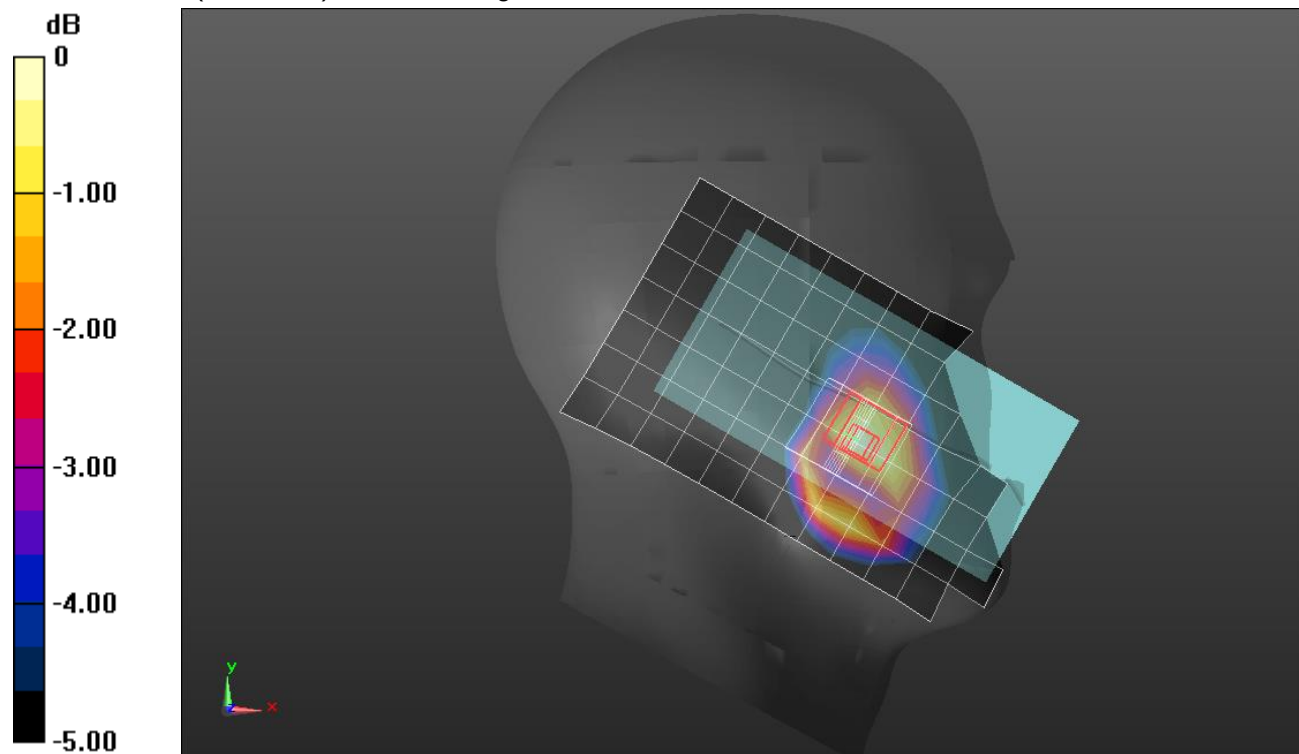
Reference Value = 9.797 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.052 W/kg

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

Maximum value of SAR (measured) = 0.0881 W/kg



0 dB = 0.0881 W/kg = -10.55 dBW/kg

LTE Band 12

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 56.932$; $\rho = 1000$ 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 Sn1357; Calibrated: 2/13/2017
- Probe: EX3DV4 - SN3772; ConvF(9.3, 9.3, 9.3); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 AA; Serial: 1258

Rear/QPSK RB 1,49 Ch 23095/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.0762 W/kg

Rear/QPSK RB 1,49 Ch 23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

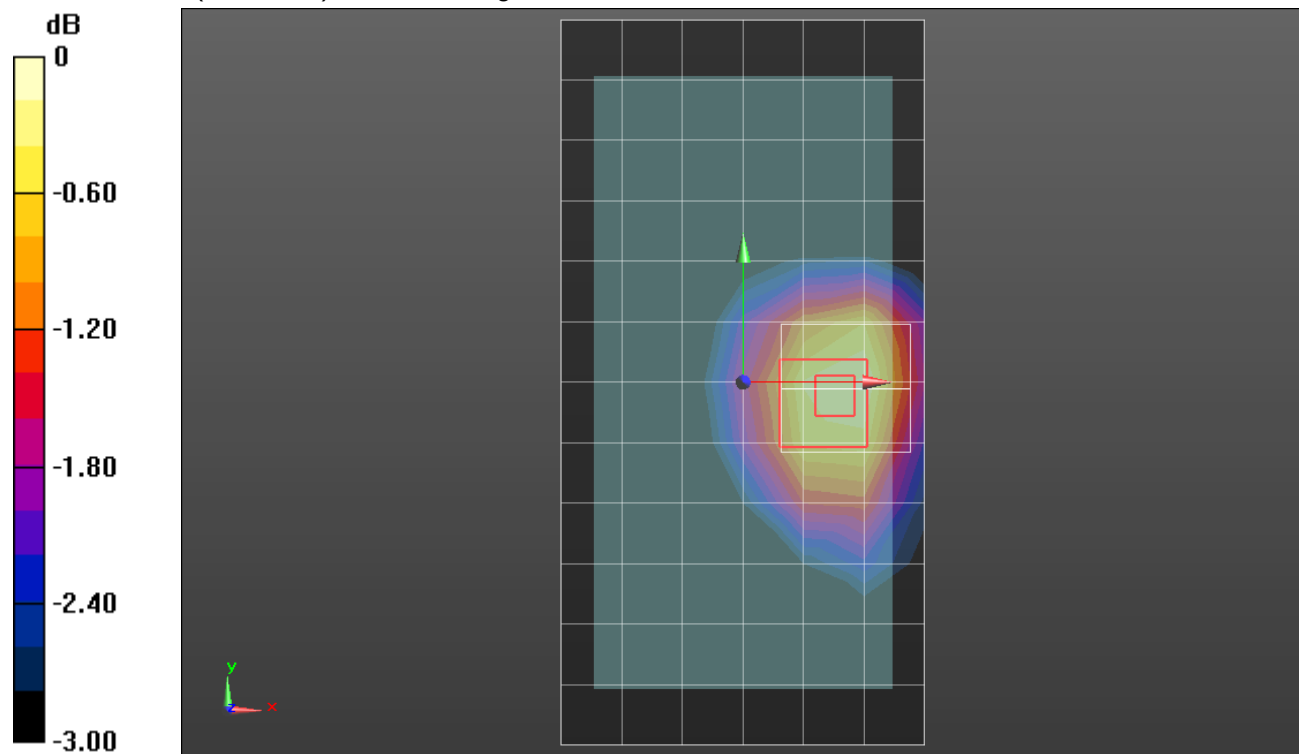
Reference Value = 8.793 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0850 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.051 W/kg

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

Maximum value of SAR (measured) = 0.0789 W/kg



LTE Band 12

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 56.932$; $\rho = 1000$ 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 Sn1357; Calibrated: 2/13/2017
- Probe: EX3DV4 - SN3772; ConvF(9.3, 9.3, 9.3); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 AA; Serial: 1258

Front/QPSK RB 1,49 10mm Ch 23095/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.101 W/kg

Front/QPSK RB 1,49 10mm Ch 23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

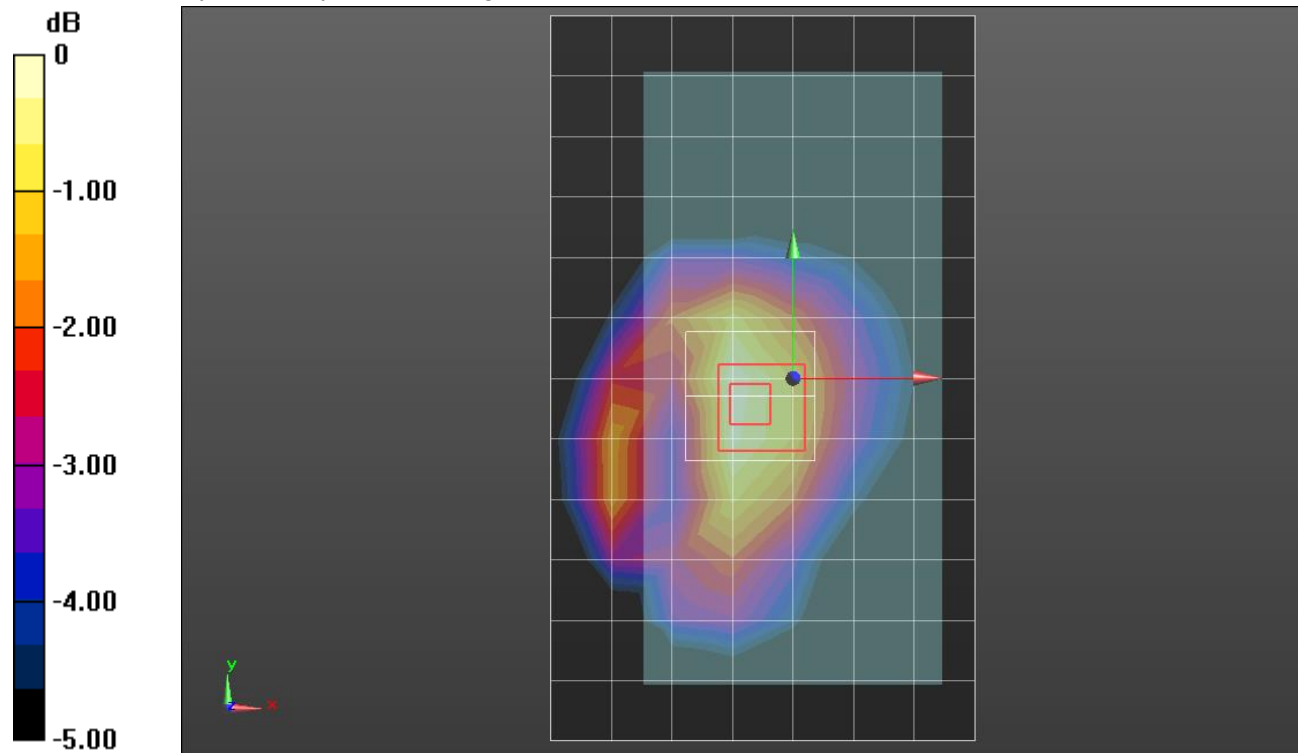
Reference Value = 10.28 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.065 W/kg

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

Maximum value of SAR (measured) = 0.102 W/kg



LTE Band 13

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.962$ S/m; $\epsilon_r = 40.507$; $\rho = 1000$ 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 Sn1357; Calibrated: 2/13/2017
- Probe: EX3DV4 - SN3772; ConvF(8.85, 8.85, 8.85); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

LHS/Touch_QPSK RB 1,25 Ch 23230/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.459 W/kg

LHS/Touch_QPSK RB 1,25 Ch 23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

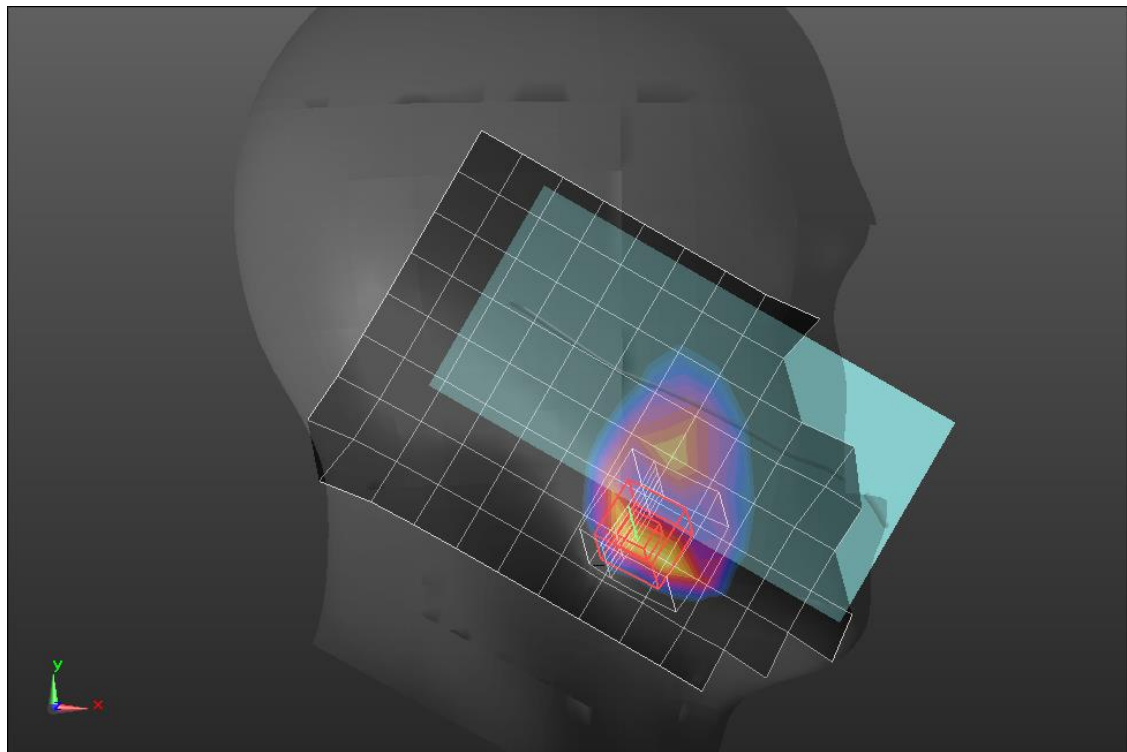
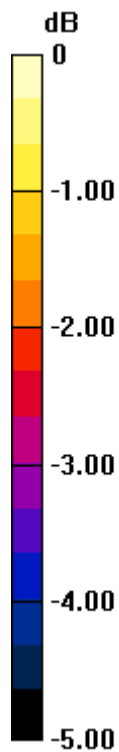
Reference Value = 4.816 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.686 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.190 W/kg

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

Maximum value of SAR (measured) = 0.522 W/kg



0 dB = 0.522 W/kg = -2.82 dBW/kg

LTE Band 13

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 56.229$; $\rho = 1000$ 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 Sn1357; Calibrated: 2/13/2017
- Probe: EX3DV4 - SN3772; ConvF(9.3, 9.3, 9.3); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 AA; Serial: 1258

Front/QPSK RB 1,25 15mm Ch 23230/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.302 W/kg

Front/QPSK RB 1,25 15mm Ch 23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

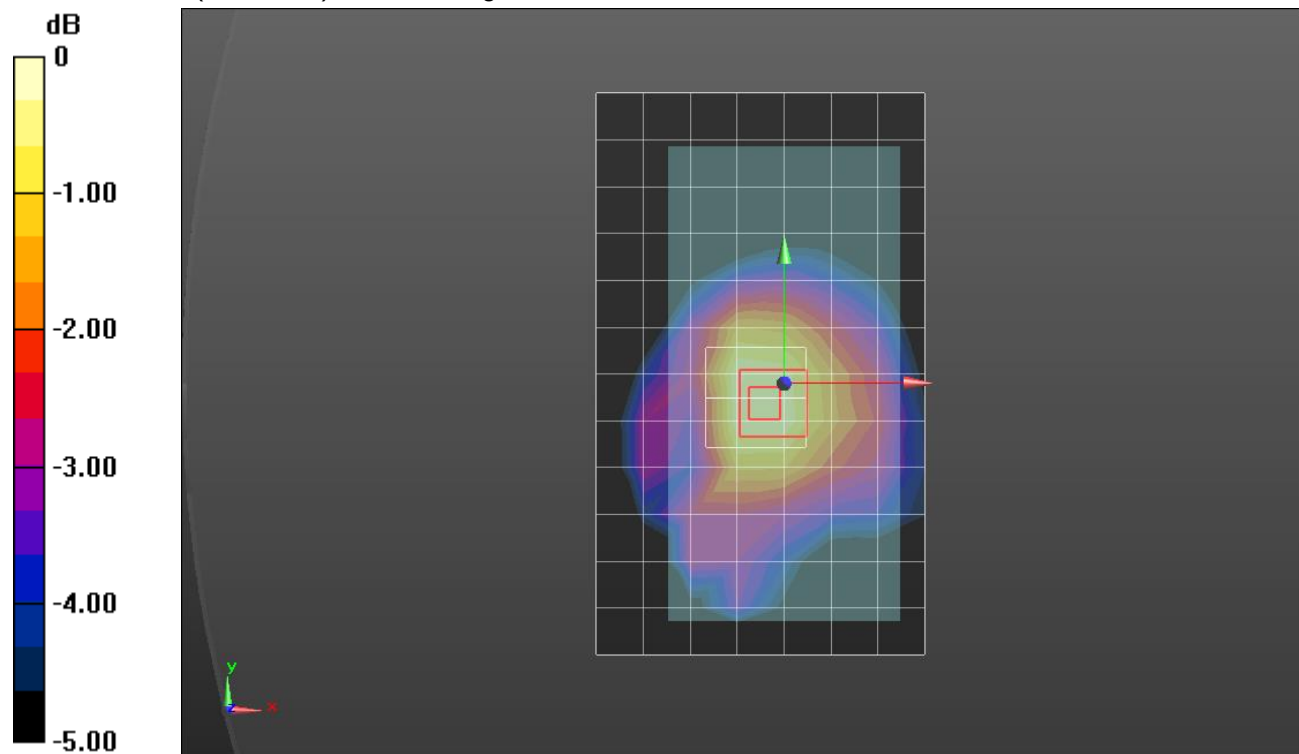
Reference Value = 16.92 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.346 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.206 W/kg

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

Maximum value of SAR (measured) = 0.324 W/kg



0 dB = 0.324 W/kg = -4.89 dBW/kg

LTE Band 13

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 56.229$; $\rho = 1000$ 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 Sn1357; Calibrated: 2/13/2017
- Probe: EX3DV4 - SN3772; ConvF(9.3, 9.3, 9.3); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 AA; Serial: 1258

Front/QPSK RB 1,25 10 mm Ch 23230/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.362 W/kg

Front/QPSK RB 1,25 10 mm Ch 23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

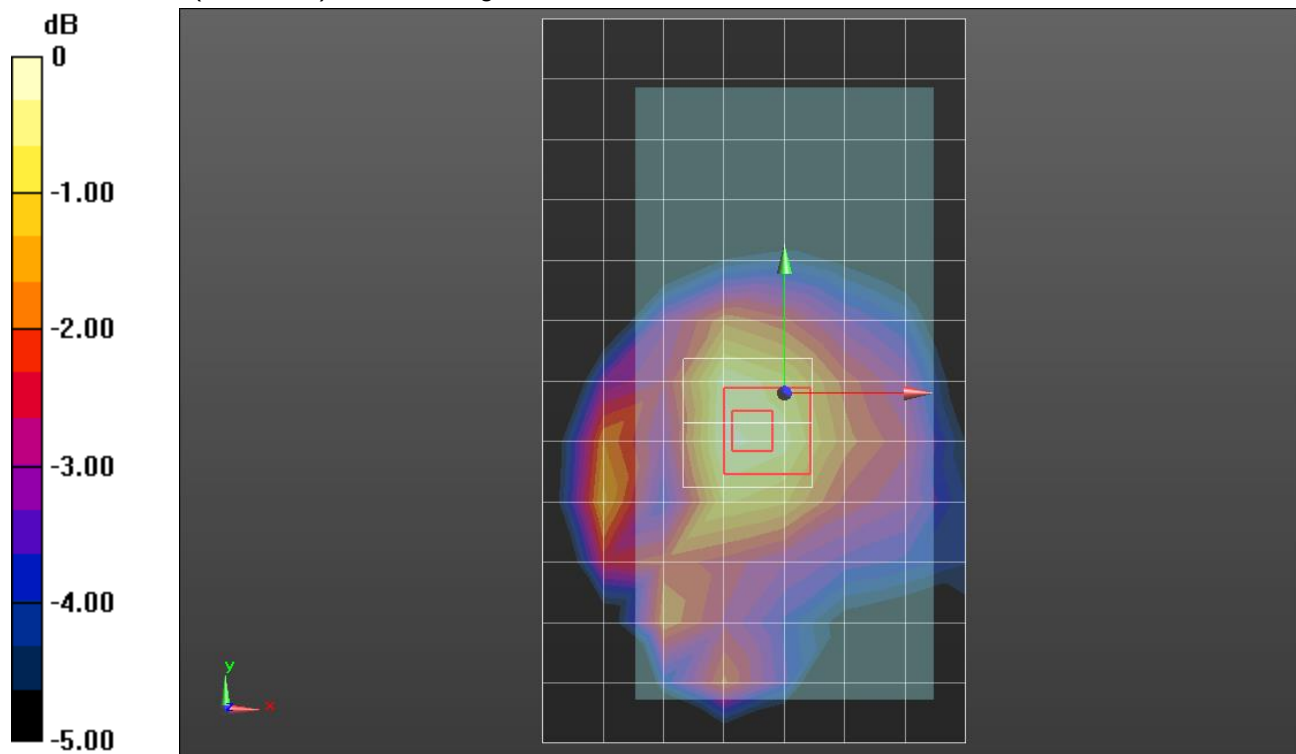
Reference Value = 18.48 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.237 W/kg

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

Maximum value of SAR (measured) = 0.379 W/kg



LTE Band 26

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 41.758$; $\rho = 1000$ 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 Sn1434; Calibrated: 4/19/2017
- Probe: EX3DV4 - SN7463; ConvF(9.47, 9.47, 9.47); Calibrated: 7/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

LHS/Touch_QPSK RB 1,0 Ch 26865/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.218 W/kg

LHS/Touch_QPSK RB 1,0 Ch 26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

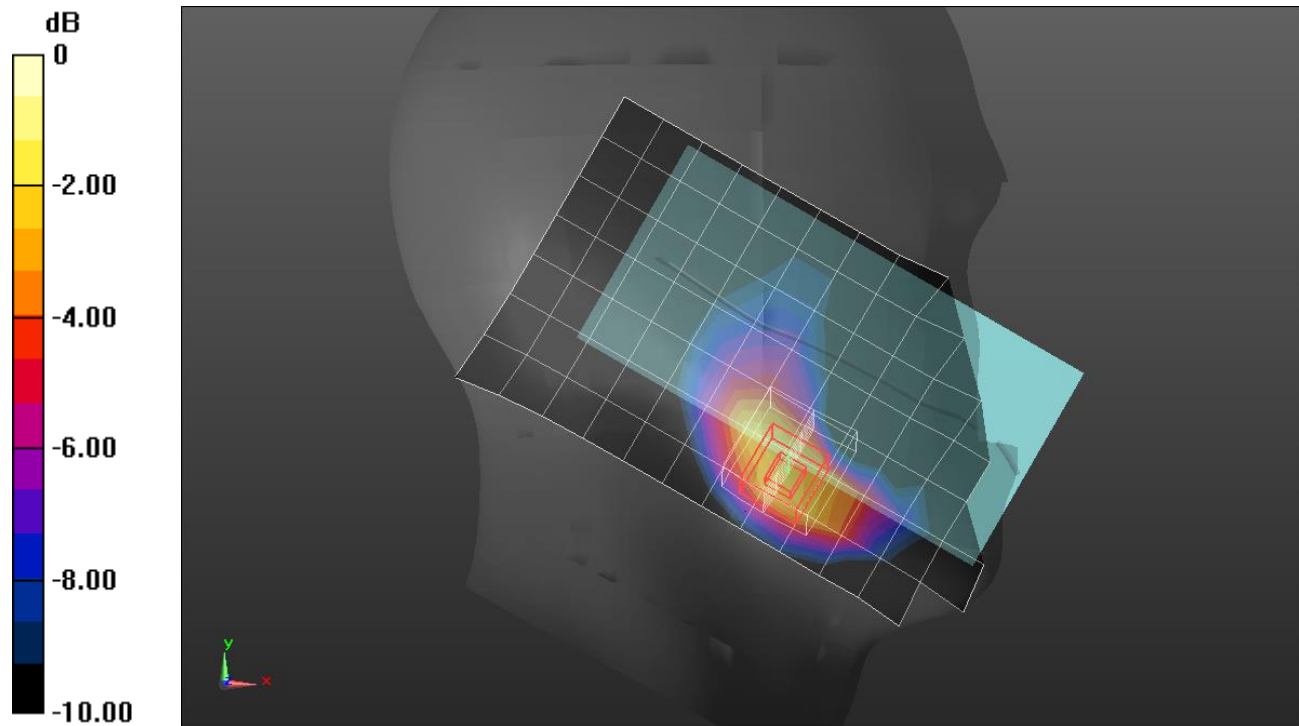
Reference Value = 12.48 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.356 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.120 W/kg

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

Maximum value of SAR (measured) = 0.302 W/kg



0 dB = 0.302 W/kg = -5.20 dBW/kg

LTE Band 26

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.981$ S/m; $\epsilon_r = 54.341$; $\rho = 1000$ 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 Sn1434; Calibrated: 4/19/2017
- Probe: EX3DV4 - SN7463; ConvF(9.48, 9.48, 9.48); Calibrated: 7/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 AA; Serial: 1248

Front/QPSK RB 36,20 Ch 26865 15mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.198 W/kg

Front/QPSK RB 36,20 Ch 26865 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

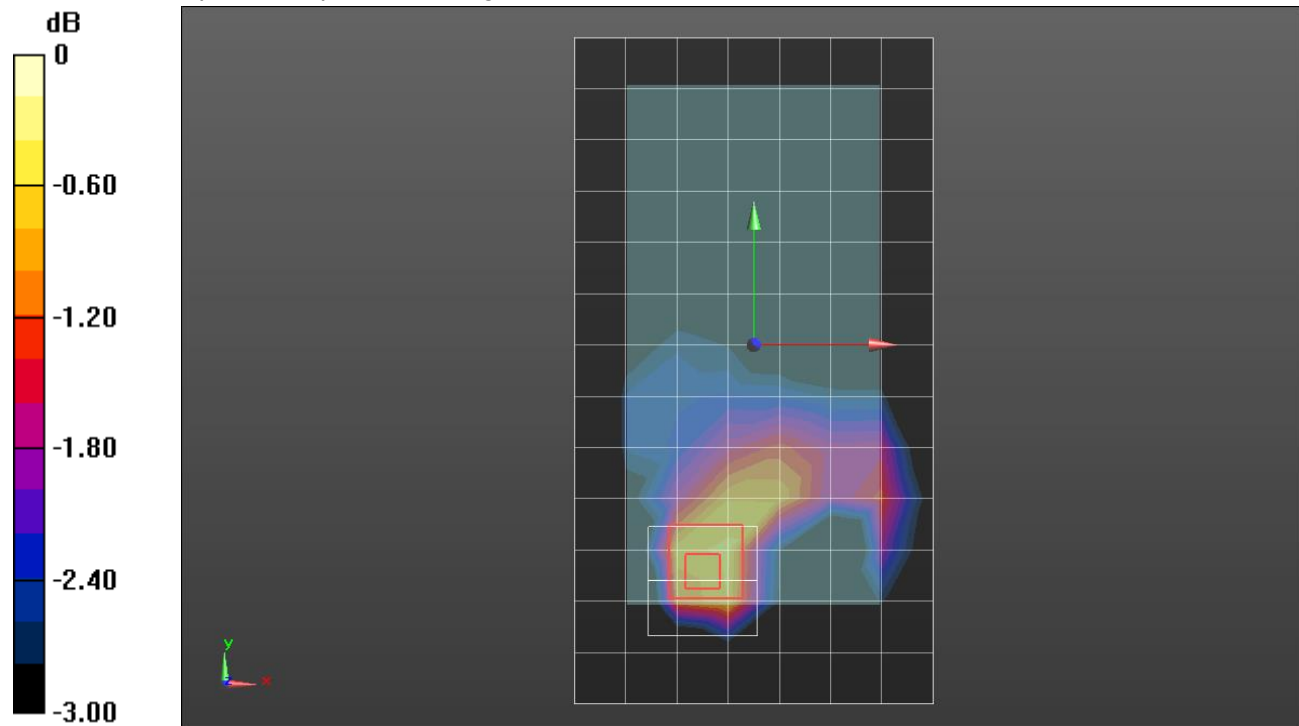
Reference Value = 13.63 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.113 W/kg

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

Maximum value of SAR (measured) = 0.224 W/kg



0 dB = 0.224 W/kg = -6.50 dBW/kg

LTE Band 26

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.981$ S/m; $\epsilon_r = 54.341$; $\rho = 1000$ 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 Sn1434; Calibrated: 4/19/2017
- Probe: EX3DV4 - SN7463; ConvF(9.48, 9.48, 9.48); Calibrated: 7/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 AA; Serial: 1248

Front/QPSK RB 36,20 Ch 26865 10mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.361 W/kg

Front/QPSK RB 36,20 Ch 26865 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

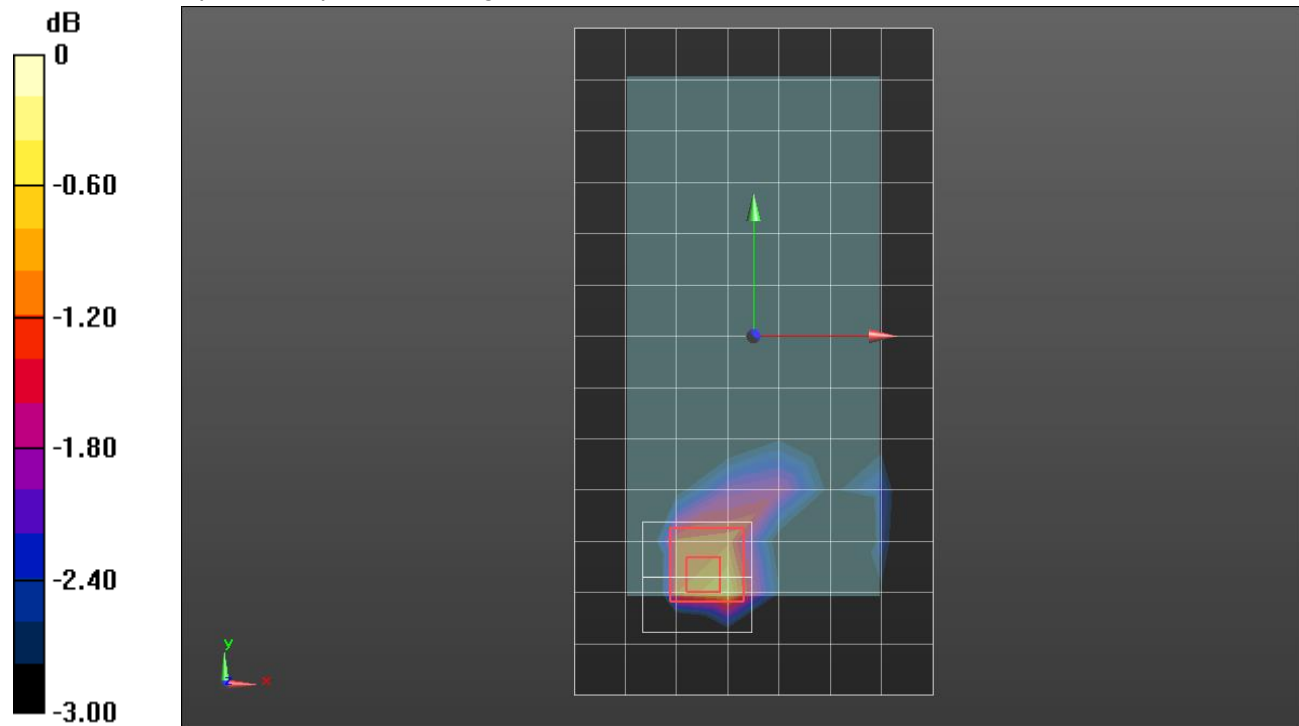
Reference Value = 18.40 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.471 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.193 W/kg

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

Maximum value of SAR (measured) = 0.409 W/kg



0 dB = 0.409 W/kg = -3.88 dBW/kg

LTE Band 41 (FCC)

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 2.034$ S/m; $\epsilon_r = 38.113$; $\rho = 1000$ 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 Sn1343; Calibrated: 8/21/2017
- Probe: EX3DV4 - SN3929; ConvF(6.84, 6.84, 6.84); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM v4.0(A); Type: QD000P40CD; Serial: 1632

LHS/Touch_QPSK RB 1,0 Ch 40620/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.0762 W/kg

LHS/Touch_QPSK RB 1,0 Ch 40620/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

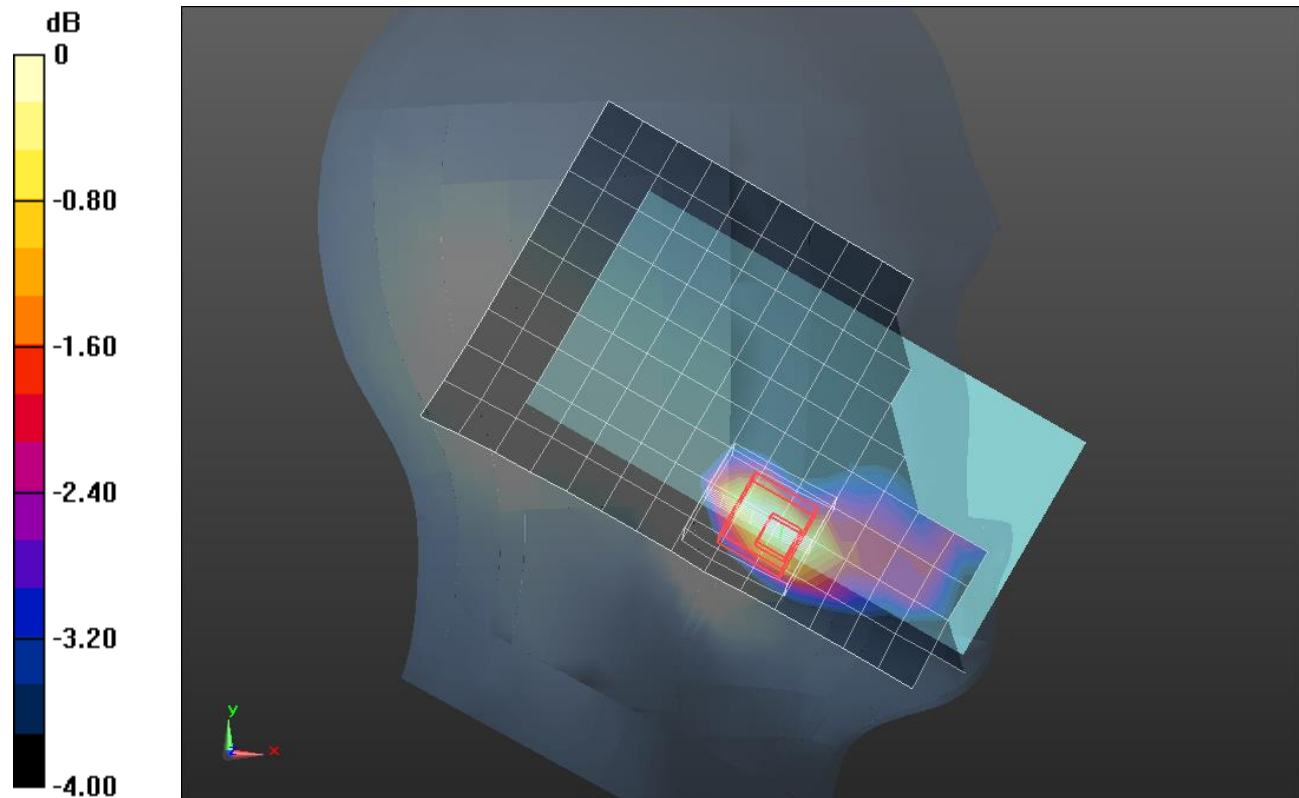
Reference Value = 5.568 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.020 W/kg

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

Maximum value of SAR (measured) = 0.0729 W/kg



0 dB = 0.0729 W/kg = -11.37 dBW/kg

LTE Band 41 (FCC)

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 2.188$ S/m; $\epsilon_r = 51.434$; $\rho = 1000$ 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 Sn1343; Calibrated: 8/21/2017
- Probe: EX3DV4 - SN3929; ConvF(7.03, 7.03, 7.03); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1121

Front/QPSK RB 50,0 Ch 40620 15mm/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.254 W/kg

Front/QPSK RB 50,0 Ch 40620 15mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

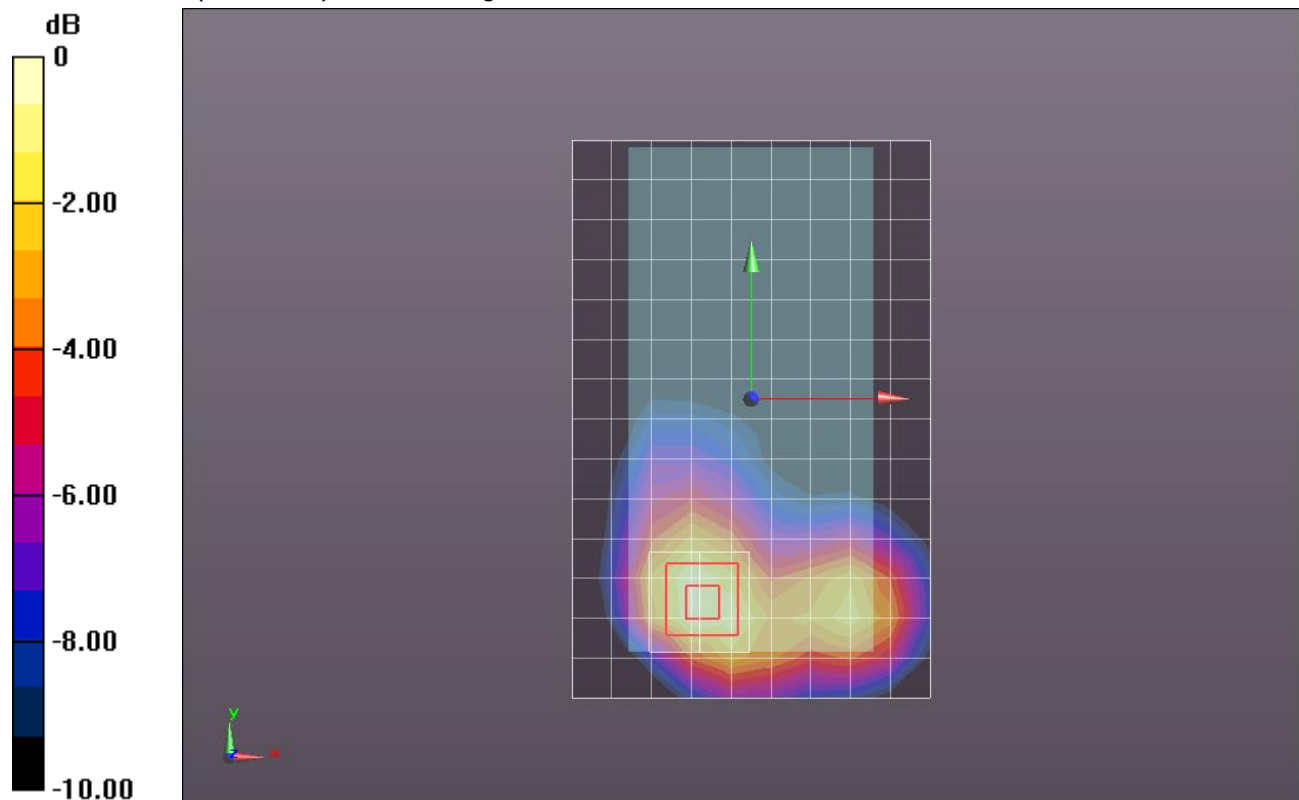
Reference Value = 10.056 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.096 W/kg

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

Maximum value of SAR (measured) = 0.286 W/kg



0 dB = 0.286 W/kg = -5.44 dBW/kg

LTE Band 41 (FCC)

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 2.188$ S/m; $\epsilon_r = 51.434$; $\rho = 1000$ 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 Sn1343; Calibrated: 8/21/2017
- Probe: EX3DV4 - SN3929; ConvF(7.03, 7.03, 7.03); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1121

Edge 3/QPSK RB 1,0 Ch 40620 10mm/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.403 W/kg

Edge 3/QPSK RB 1,0 Ch 40620 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

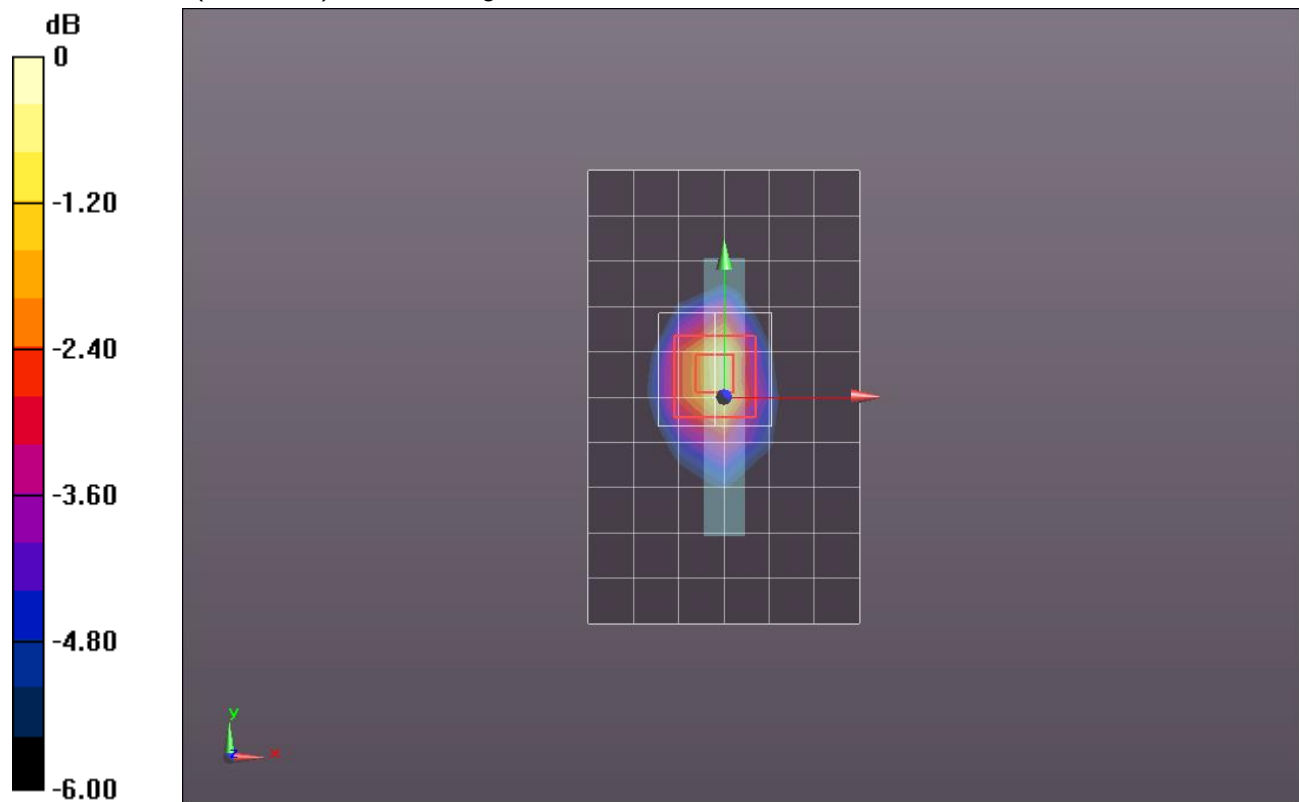
Reference Value = 12.509 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.132 W/kg

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

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



LTE Band 66

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 38.335$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN7335; ConvF(8.82, 8.82, 8.82); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

LHS/Touch_QPSK RB 50,24 Ch 132322/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.272 W/kg

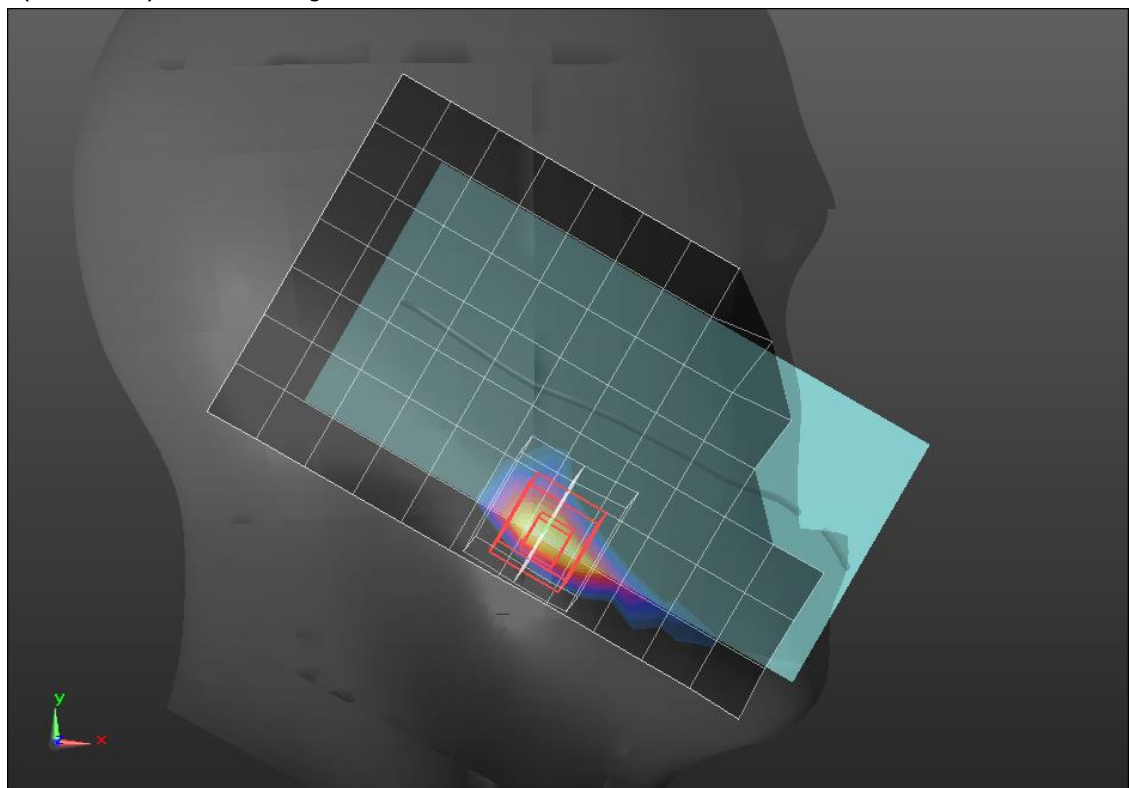
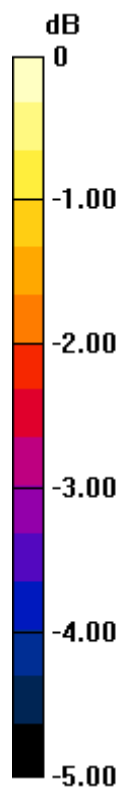
LHS/Touch_QPSK RB 50,24 Ch 132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.207 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.341 W/kg

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.294 W/kg



0 dB = 0.294 W/kg = -5.32 dBW/kg

LTE Band 66

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.489$ S/m; $\epsilon_r = 53.565$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN7335; ConvF(8.44, 8.44, 8.44); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

Front/QPSK RB 50,24 Ch 132322 15mm/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.381 W/kg

Front/QPSK RB 50,24 Ch 132322 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.351 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.383 W/kg

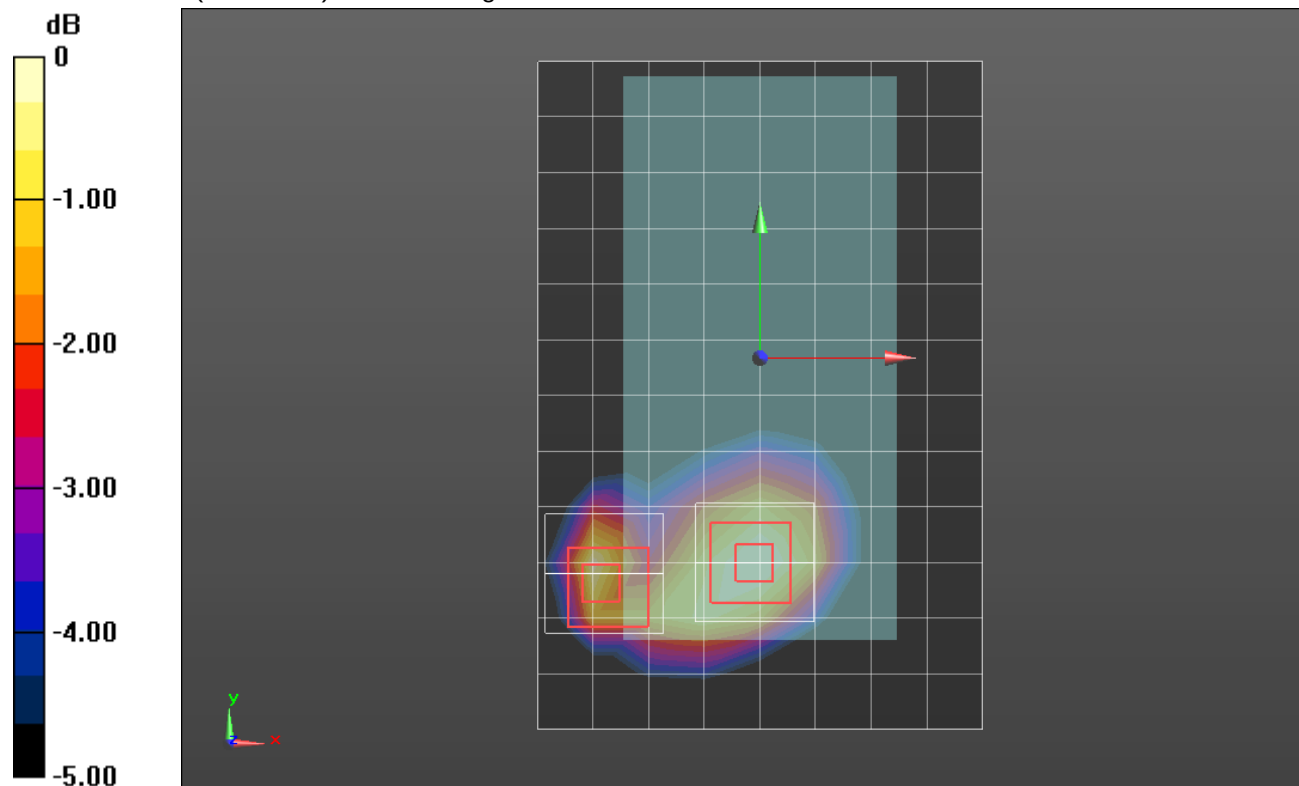
Front/QPSK RB 50,24 Ch 132322 15mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.351 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.414 W/kg

SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 0.353 W/kg



0 dB = 0.353 W/kg = -4.52 dBW/kg

LTE Band 66

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.489$ S/m; $\epsilon_r = 53.565$; $\rho = 1000$ 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 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN7335; ConvF(8.44, 8.44, 8.44); Calibrated: 3/15/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

Front/QPSK RB 50,24_Ch 132322_10mm/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.759 W/kg

Front/QPSK RB 50,24_Ch 132322_10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 21.394 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.302 W/kg

Maximum value of SAR (measured) = 0.891 W/kg

Front/QPSK RB 50,24_Ch 132322_10mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid:

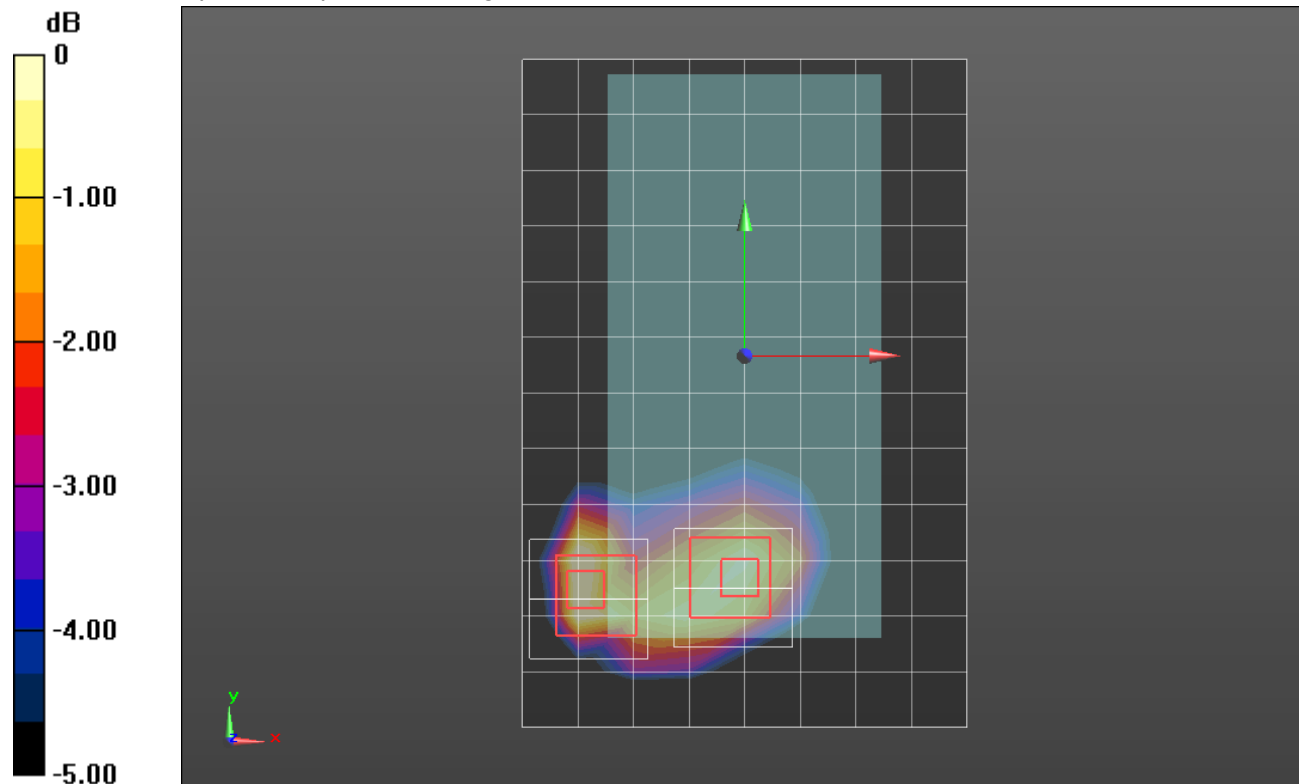
dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.394 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 0.657 W/kg



0 dB = 0.657 W/kg = -1.82 dBW/kg

Wi-Fi 2.4GHz

Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.509$; $\rho = 1000$ 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: 1/20/2017
- Probe: EX3DV4 - SN3773; ConvF(6.78, 6.78, 6.78); Calibrated: 4/21/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

RHS/Tilt_802.11b_ch 1_Chain 0/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.598 W/kg

RHS/Tilt_802.11b_ch 1_Chain 0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

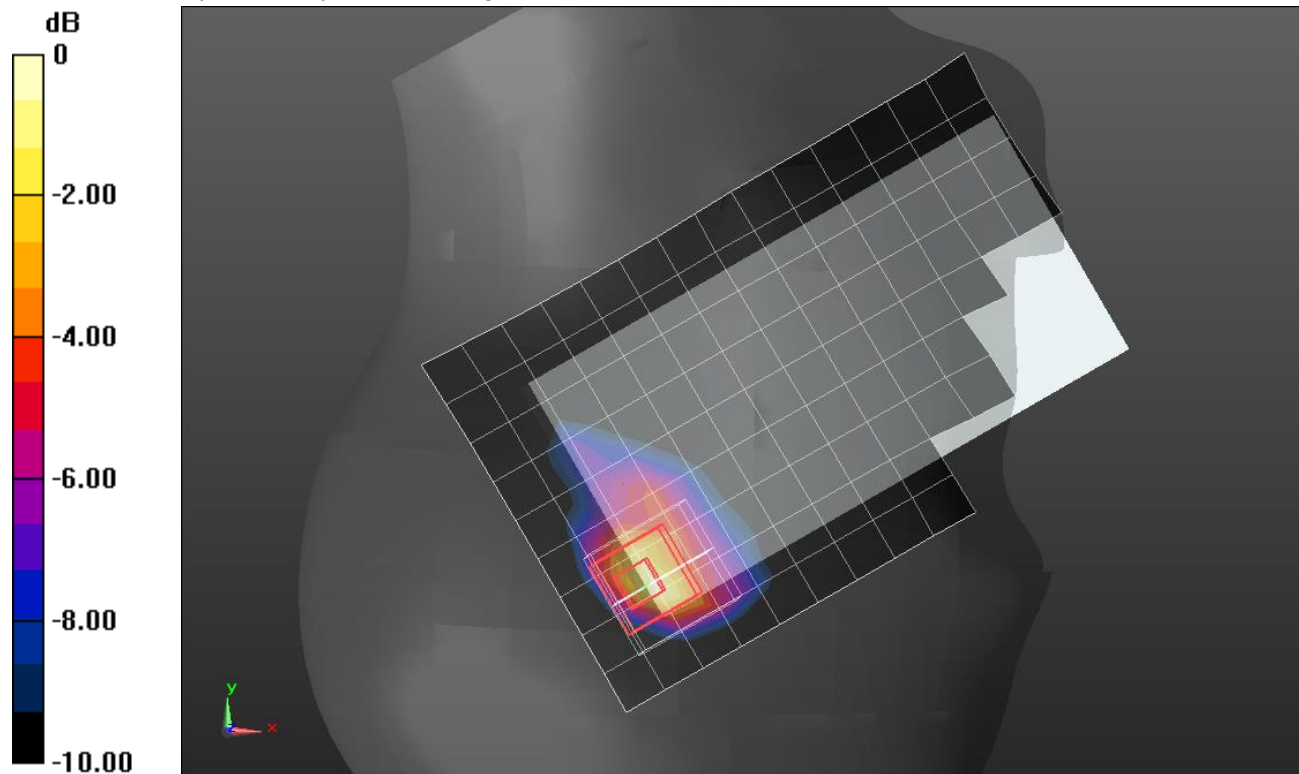
Reference Value = 15.13 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.837 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.124 W/kg

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

Maximum value of SAR (measured) = 0.608 W/kg



0 dB = 0.608 W/kg = -2.16 dBW/kg

Wi-Fi 2.4GHz

Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.956$ S/m; $\epsilon_r = 53.634$; $\rho = 1000$ 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: 1/20/2017
- Probe: EX3DV4 - SN3773; ConvF(6.95, 6.95, 6.95); Calibrated: 4/21/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Front/802.11b_ch 1_15mm_Chain 0/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.0273 W/kg

Front/802.11b_ch 1_15mm_Chain 0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

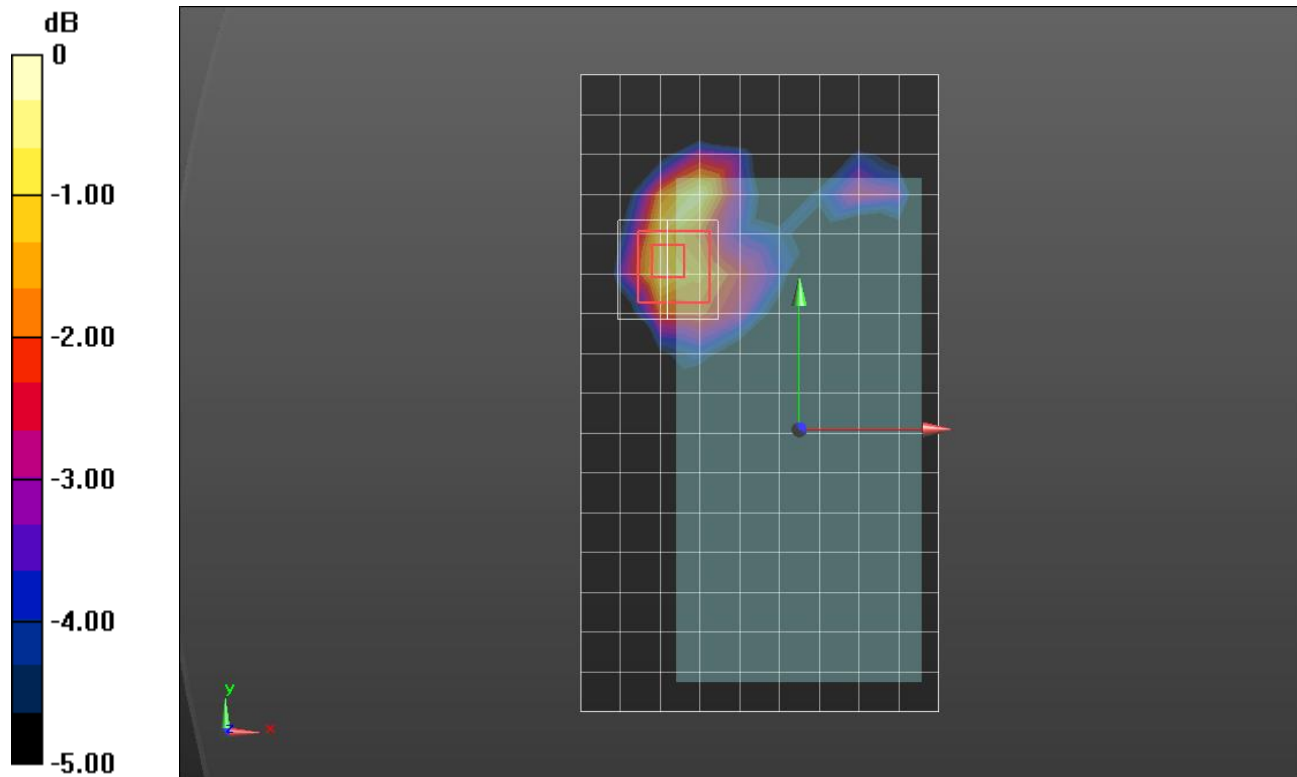
Reference Value = 3.658 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0420 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.011 W/kg

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

Maximum value of SAR (measured) = 0.0299 W/kg



Wi-Fi 2.4GHz

Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 2$ S/m; $\epsilon_r = 53.454$; $\rho = 1000$ 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: 1/20/2017
- Probe: EX3DV4 - SN3773; ConvF(6.95, 6.95, 6.95); Calibrated: 4/21/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Edge 4/802.11b_ch 1_10mm_Chain 0/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.125 W/kg

Edge 4/802.11b_ch 1_10mm_Chain 0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

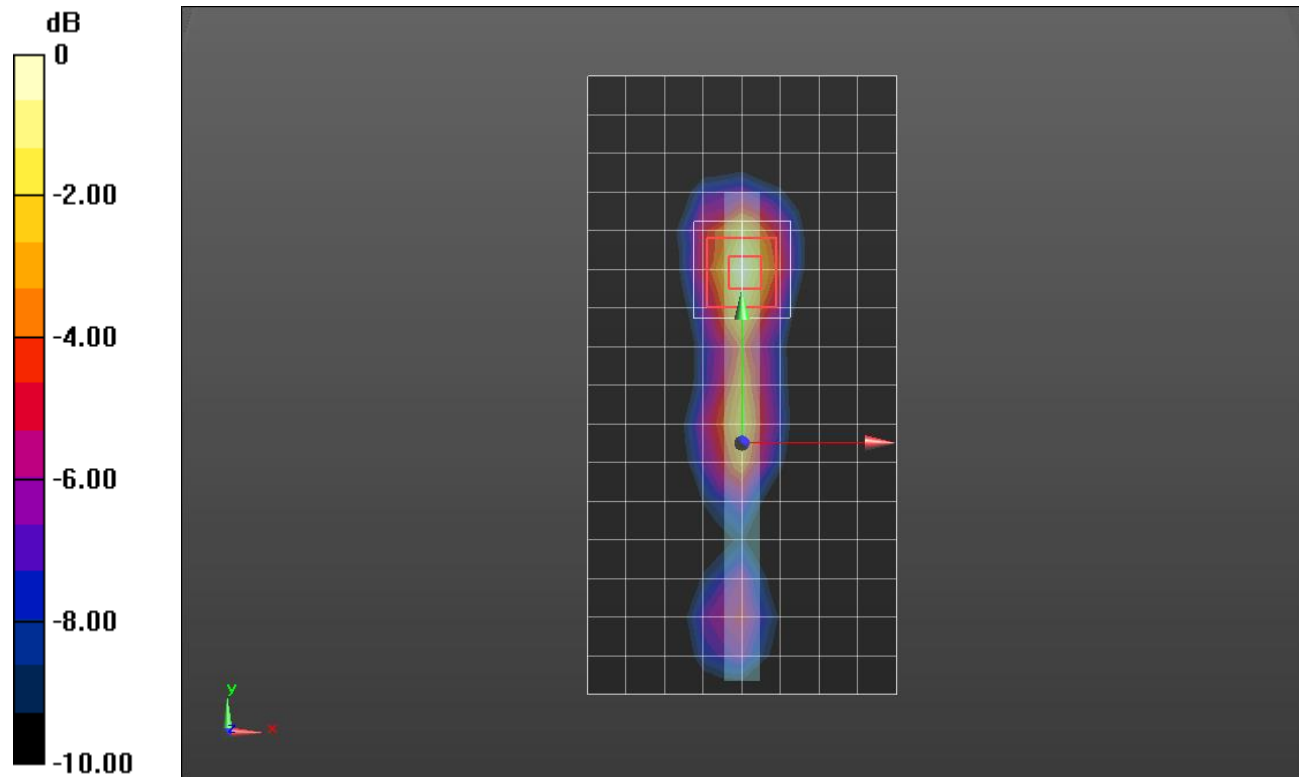
Reference Value = 7.249 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.034 W/kg

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

Maximum value of SAR (measured) = 0.126 W/kg



0 dB = 0.126 W/kg = -9.00 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; $\sigma = 1.876$ S/m; $\epsilon_r = 38.439$; $\rho = 1000$ 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: 1/20/2017
- Probe: EX3DV4 - SN3773; ConvF(6.78, 6.78, 6.78); Calibrated: 4/21/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

RHS/Touch_802.11b_ch 6_Chain 1/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.245 W/kg

RHS/Touch_802.11b_ch 6_Chain 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

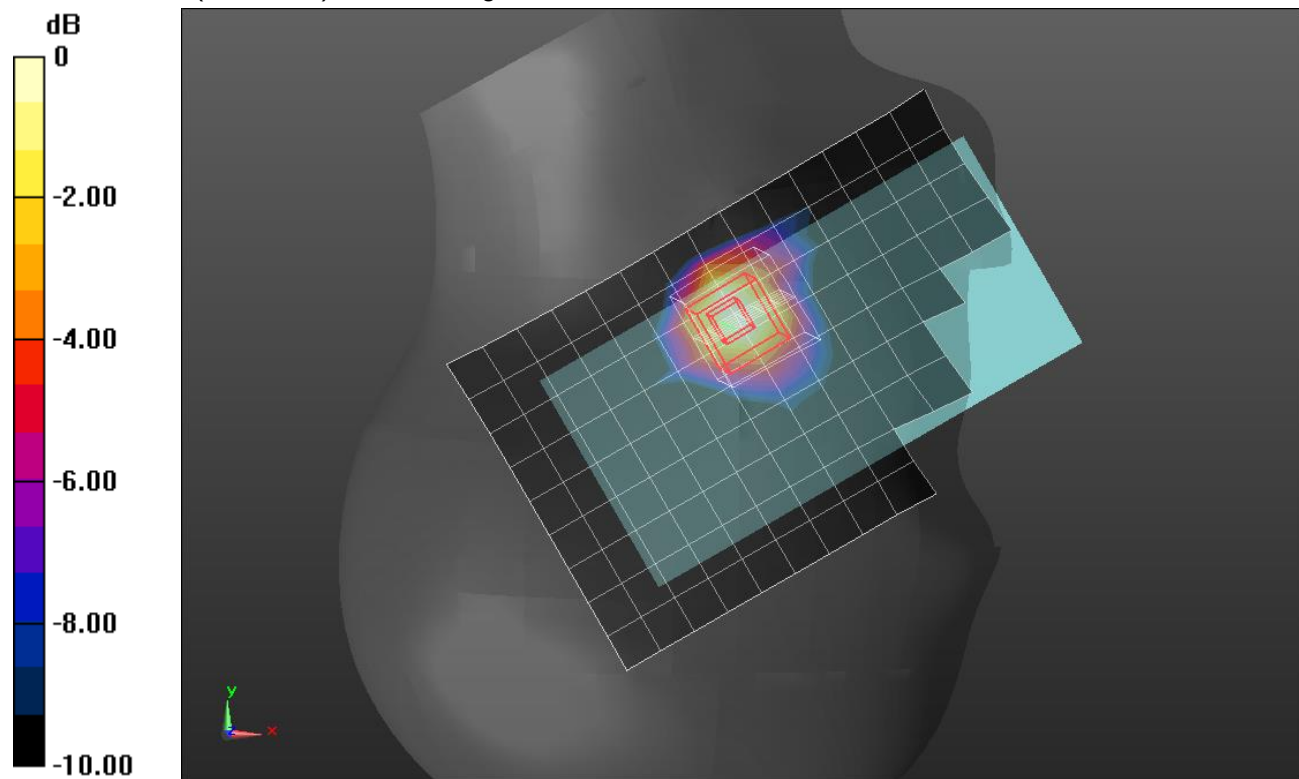
Reference Value = 9.551 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.068 W/kg

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

Maximum value of SAR (measured) = 0.224 W/kg



0 dB = 0.224 W/kg = -6.50 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; $\sigma = 1.885$ S/m; $\epsilon_r = 51.622$; $\rho = 1000$ 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: 1/20/2017
- Probe: EX3DV4 - SN3773; ConvF(6.95, 6.95, 6.95); Calibrated: 4/21/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Front/802.11b_ch 6_15mm_Chain 1/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.00536 W/kg

Front/802.11b_ch 6_15mm_Chain 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

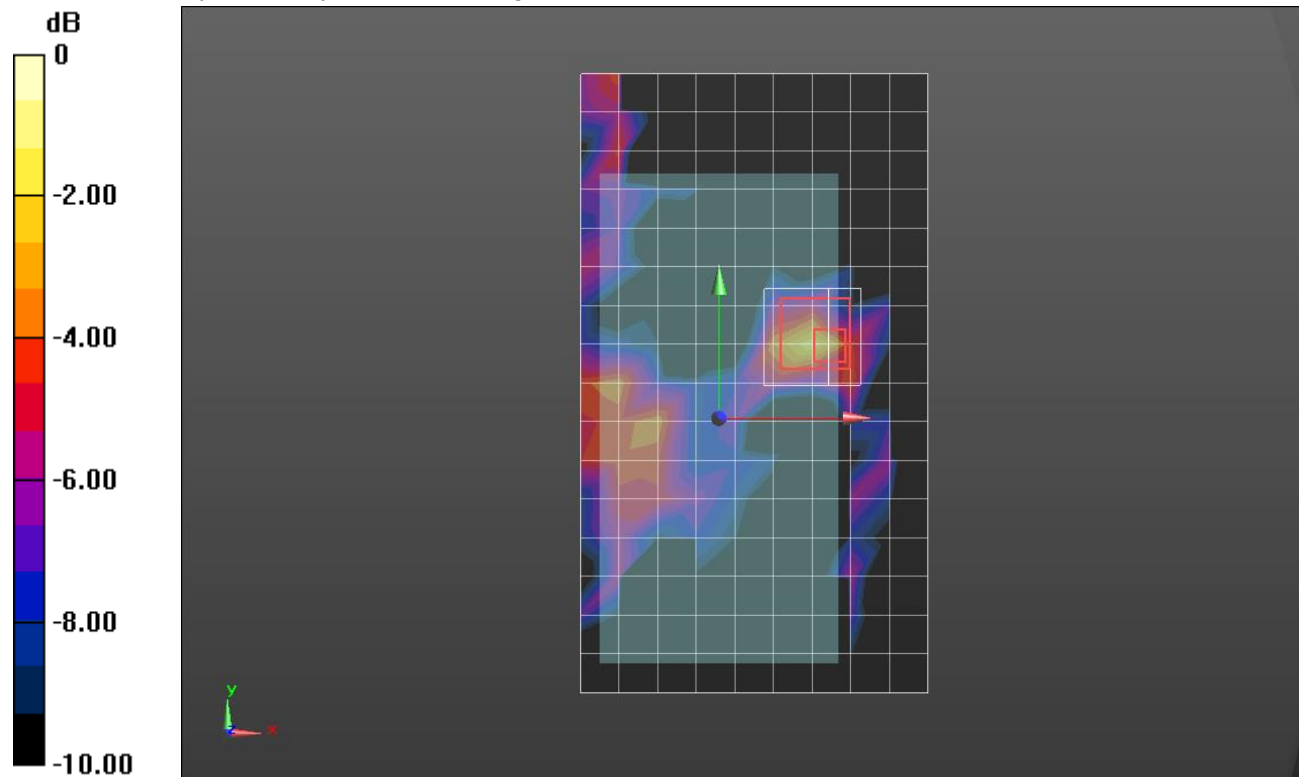
Reference Value = 1.589 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.0110 W/kg

SAR(1 g) = 0.00452 W/kg; SAR(10 g) = 0.00183 W/kg

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

Maximum value of SAR (measured) = 0.00736 W/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; $\sigma = 1.885$ S/m; $\epsilon_r = 51.622$; $\rho = 1000$ 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: 1/20/2017
- Probe: EX3DV4 - SN3773; ConvF(6.95, 6.95, 6.95); Calibrated: 4/21/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/802.11b_ch 6_10mm_Chain 1/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.0117 W/kg

Rear/802.11b_ch 6_10mm_Chain 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

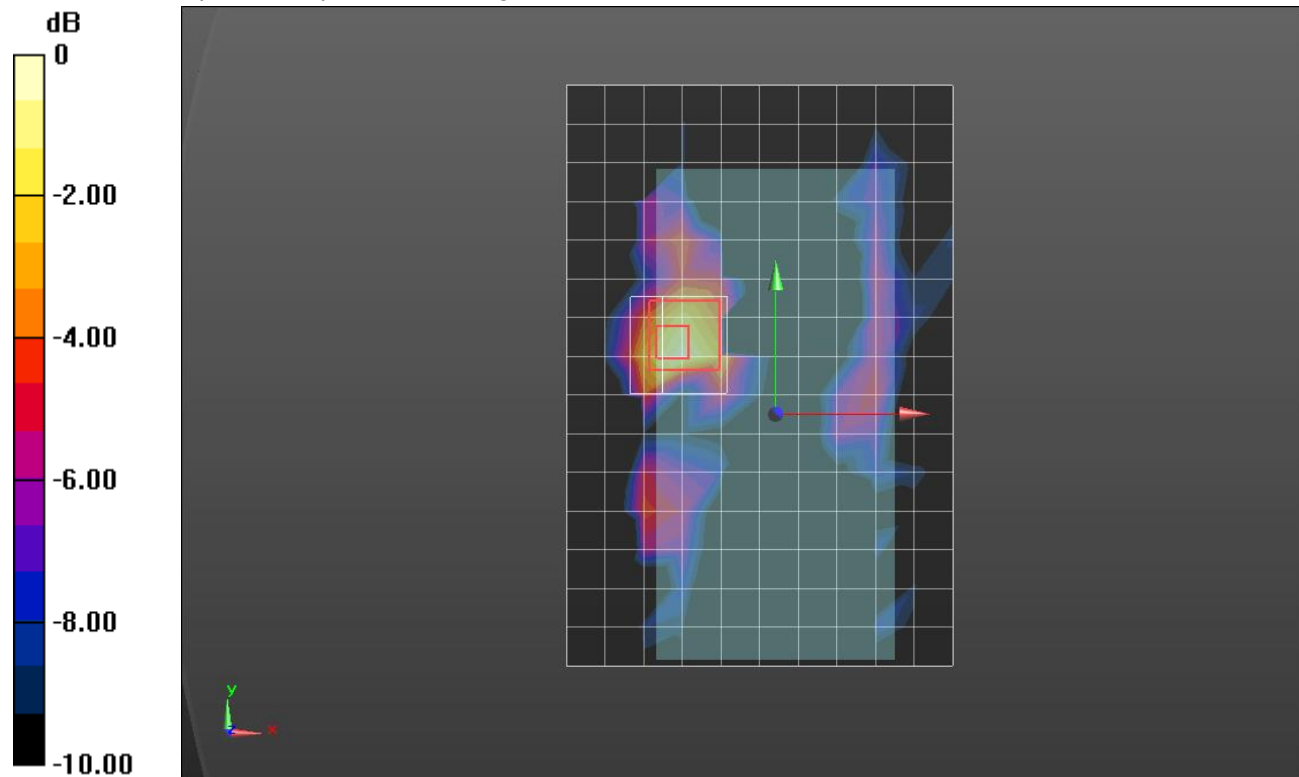
Reference Value = 2.156 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0190 W/kg

SAR(1 g) = 0.00695 W/kg; SAR(10 g) = 0.0027 W/kg

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

Maximum value of SAR (measured) = 0.0122 W/kg



Wi-Fi 5.2GHz

Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5240$ MHz; $\sigma = 4.626$ S/m; $\epsilon_r = 37.255$; $\rho = 1000$ 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 Sn1472; Calibrated: 3/10/2017
- Probe: EX3DV4 - SN3989; ConvF(5.46, 5.46, 5.46); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD000P40CD; Serial: 1629

RHS/Touch_802.11a_Ch 48_Chain 0/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.04 W/kg

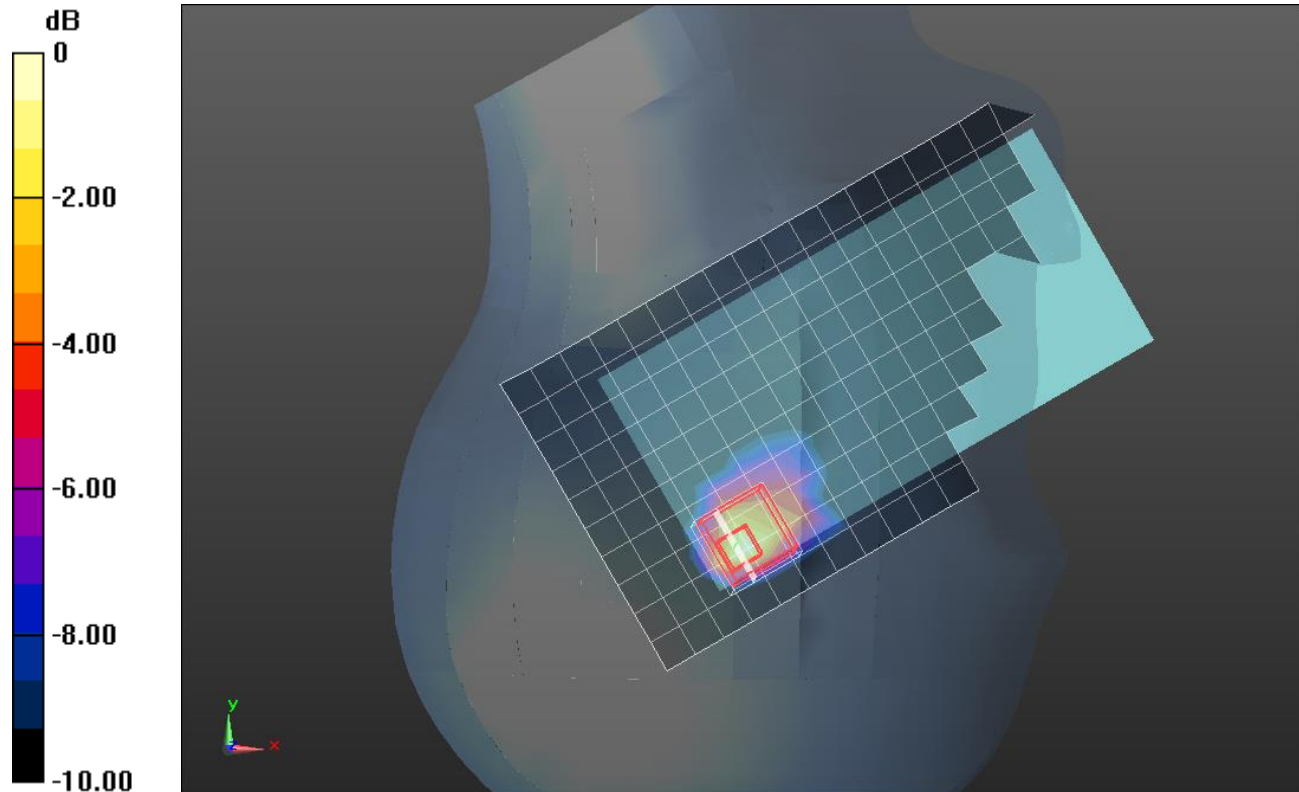
RHS/Touch_802.11a_Ch 48_Chain 0/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.71 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.142 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



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

Wi-Fi 5.2GHz

Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.189$ S/m; $\epsilon_r = 49.436$; $\rho = 1000$ 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: 1/20/2017
- Probe: EX3DV4 - SN3773; ConvF(4.35, 4.35, 4.35); Calibrated: 4/21/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Rear/802.11a_Ch 48/Chain 0/15mm/Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm

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

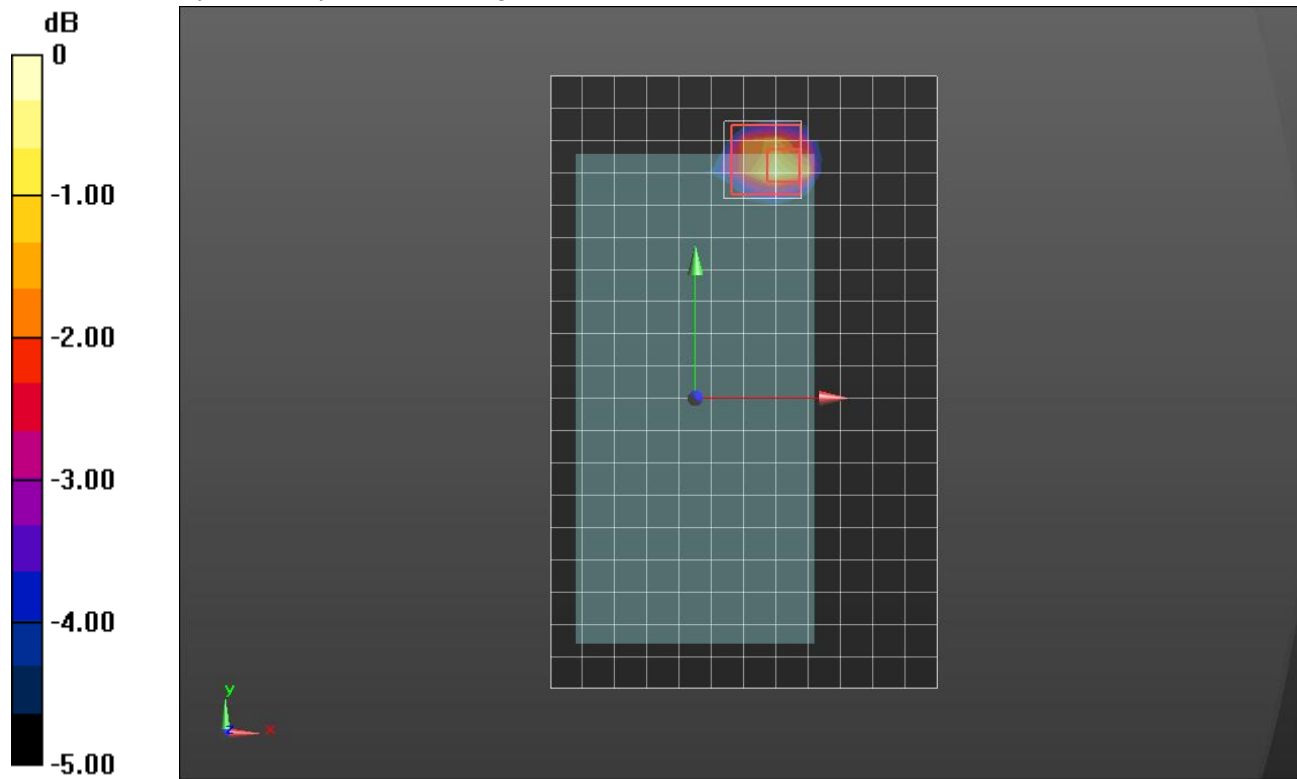
Rear/802.11a_Ch 48/Chain 0/15mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.244 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.181 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00517 W/kg

Maximum value of SAR (measured) = 0.0436 W/kg



0 dB = 0.0436 W/kg = -13.61 dBW/kg

Wi-Fi 5.3GHz

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5300$ MHz; $\sigma = 4.595$ S/m; $\epsilon_r = 36.934$; $\rho = 1000$ 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 Sn1472; Calibrated: 3/10/2017
- Probe: EX3DV4 - SN3989; ConvF(5.46, 5.46, 5.46); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD000P40CD; Serial: 1629

LHS/Touch_802.11a_Ch 60_Chain 1/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.407 W/kg

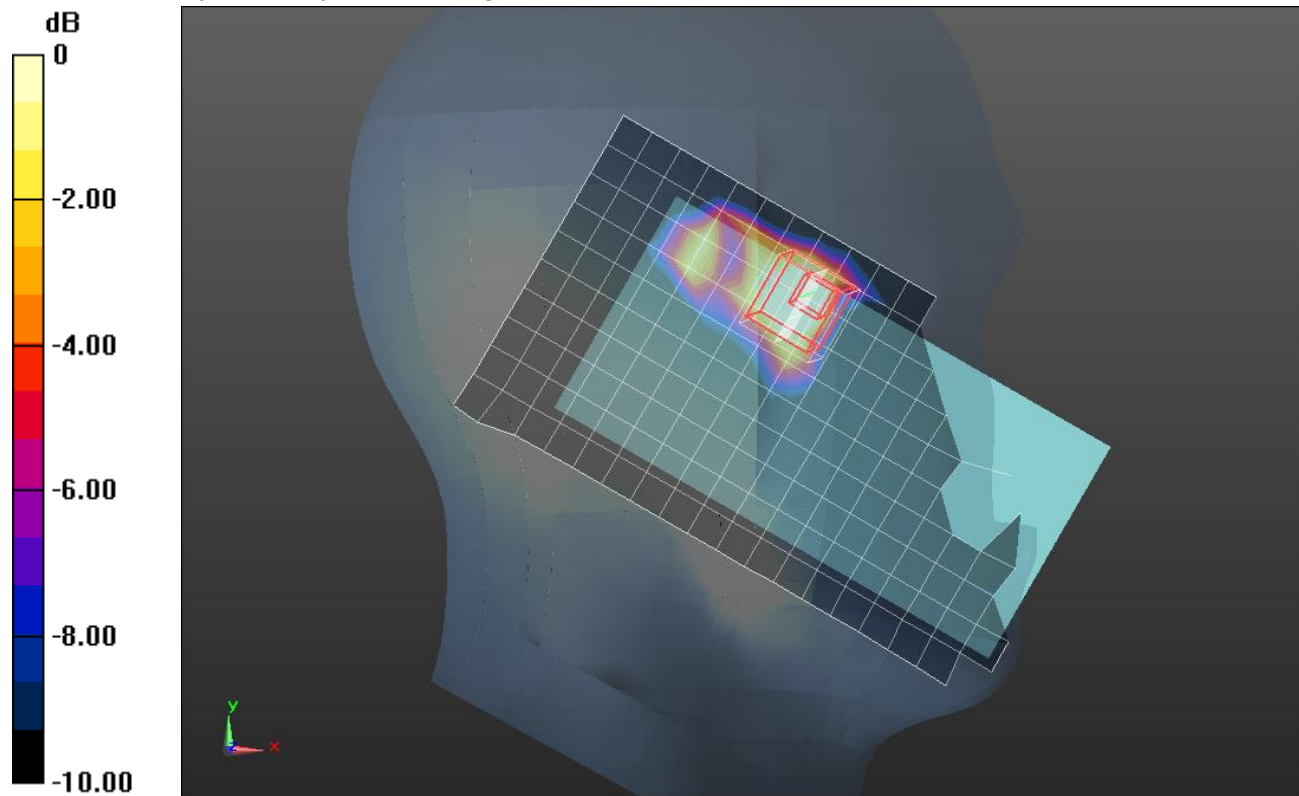
LHS/Touch_802.11a_Ch 60_Chain 1/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.292 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.377 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.231 W/kg



0 dB = 0.231 W/kg = -6.36 dBW/kg

Wi-Fi 5.3GHz

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.289$ S/m; $\epsilon_r = 49.347$; $\rho = 1000$ 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: 1/20/2017
- Probe: EX3DV4 - SN3773; ConvF(4.35, 4.35, 4.35); Calibrated: 4/21/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Front/802.11a_Ch 60/Chain 1/15mm/Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0124 W/kg

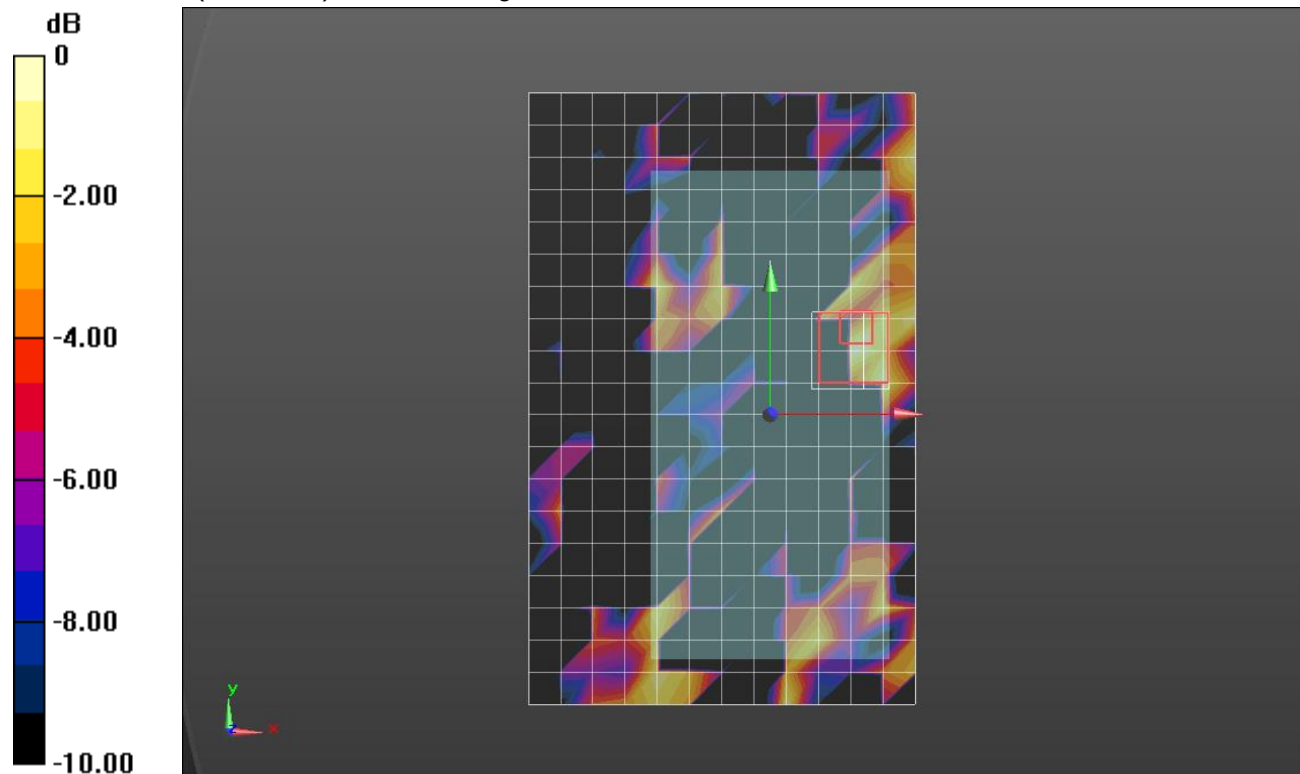
Front/802.11a_Ch 60/Chain 1/15mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0280 W/kg

SAR(1 g) = 0.000988 W/kg; SAR(10 g) = 9.59e-005 W/kg

Maximum value of SAR (measured) = 0.0125 W/kg



0 dB = 0.0125 W/kg = -19.03 dBW/kg

Wi-Fi 5.2GHz

Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.189$ S/m; $\epsilon_r = 49.436$; $\rho = 1000$ 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: 1/20/2017
- Probe: EX3DV4 - SN3773; ConvF(4.35, 4.35, 4.35); Calibrated: 4/21/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Front/802.11a_Ch 48/Chain 0/0mm/Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.04 W/kg

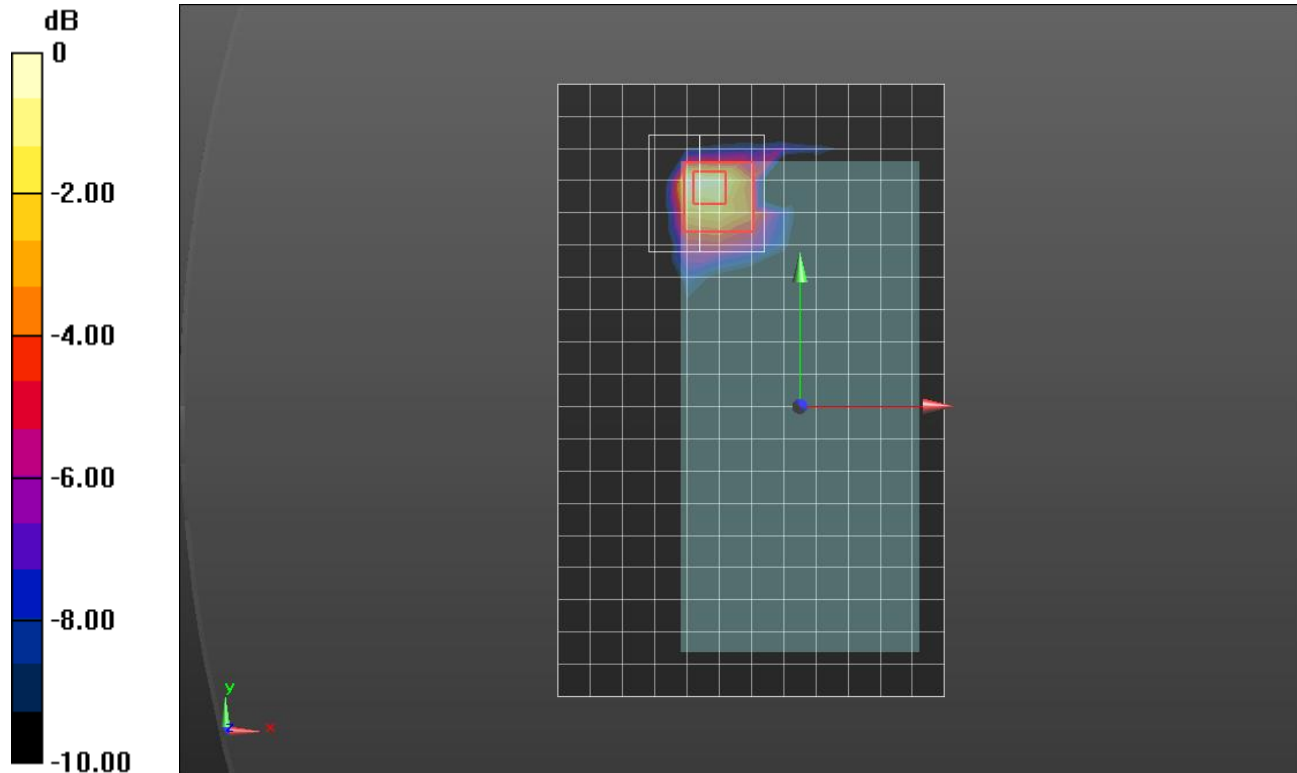
Front/802.11a_Ch 48/Chain 0/0mm/Zoom Scan (10x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.037 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.114 W/kg

Maximum value of SAR (measured) = 0.984 W/kg



0 dB = 0.984 W/kg = -0.07 dBW/kg

Wi-Fi 5.3GHz

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.289$ S/m; $\epsilon_r = 49.347$; $\rho = 1000$ 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: 1/20/2017
- Probe: EX3DV4 - SN3773; ConvF(4.35, 4.35, 4.35); Calibrated: 4/21/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Front/802.11a_Ch 60/Chain 1/0mm/Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.800 W/kg

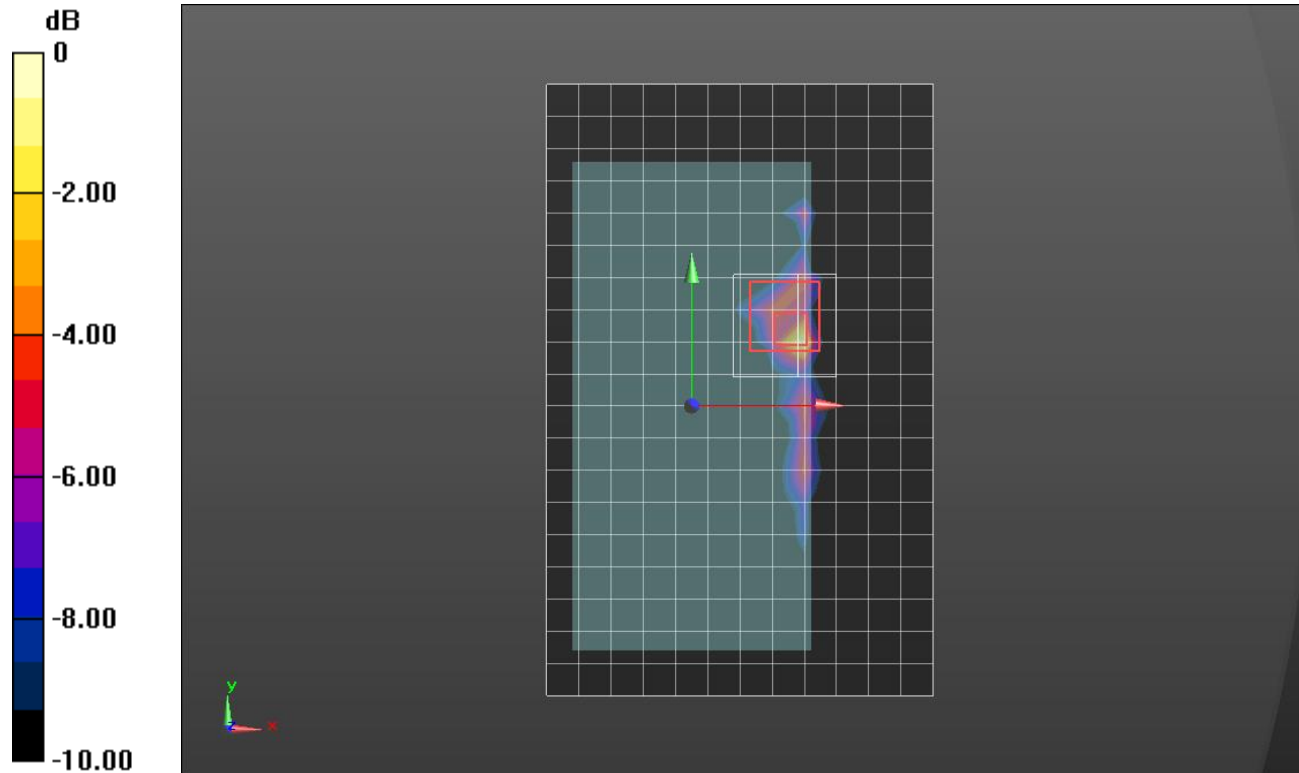
Front/802.11a_Ch 60/Chain 1/0mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.416 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.74 W/kg

SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.874 W/kg



0 dB = 0.874 W/kg = -0.58 dBW/kg

Wi-Fi 5.6GHz

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5610$ MHz; $\sigma = 4.993$ S/m; $\epsilon_r = 36.828$; $\rho = 1000$ 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 Sn1472; Calibrated: 3/10/2017
- Probe: EX3DV4 - SN3989; ConvF(5.05, 5.05, 5.05); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD000P40CD; Serial: 1629

RHS/Touch_802.11ac VHT80_Ch 122_Chain 0/Area Scan (11x19x1): Measurement grid:

dx=10mm, dy=10mm

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

RHS/Touch_802.11ac VHT80_Ch 122_Chain 0/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

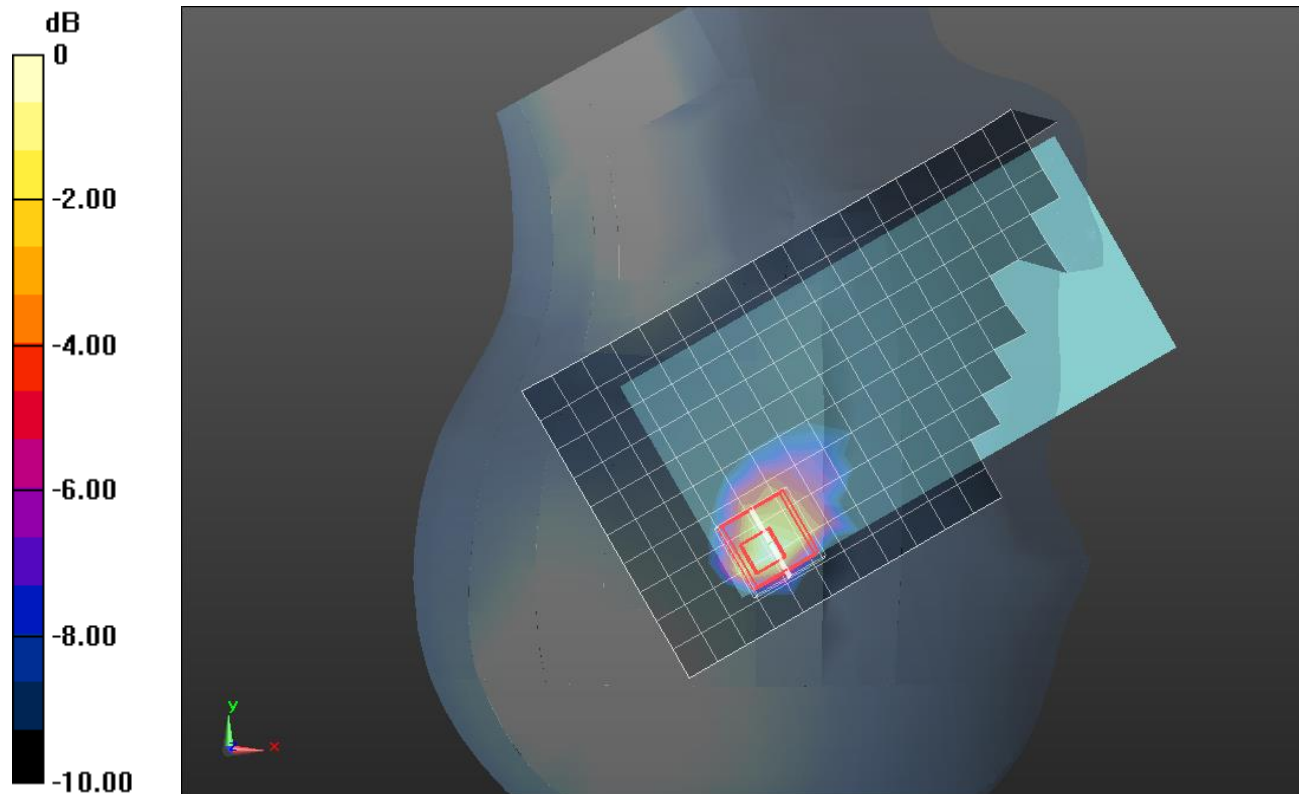
dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.23 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.889 W/kg



0 dB = 0.889 W/kg = -0.51 dBW/kg

Wi-Fi 5.6GHz

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5610$ MHz; $\sigma = 5.693$ S/m; $\epsilon_r = 48.866$; $\rho = 1000$ 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: 1/20/2017
- Probe: EX3DV4 - SN3773; ConvF(3.77, 3.77, 3.77); Calibrated: 4/21/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Rear/802.11ac VHT80_Ch 122_Chain 0_15mm/Area Scan (13x20x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.0739 W/kg

Rear/802.11ac VHT80_Ch 122_Chain 0_15mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

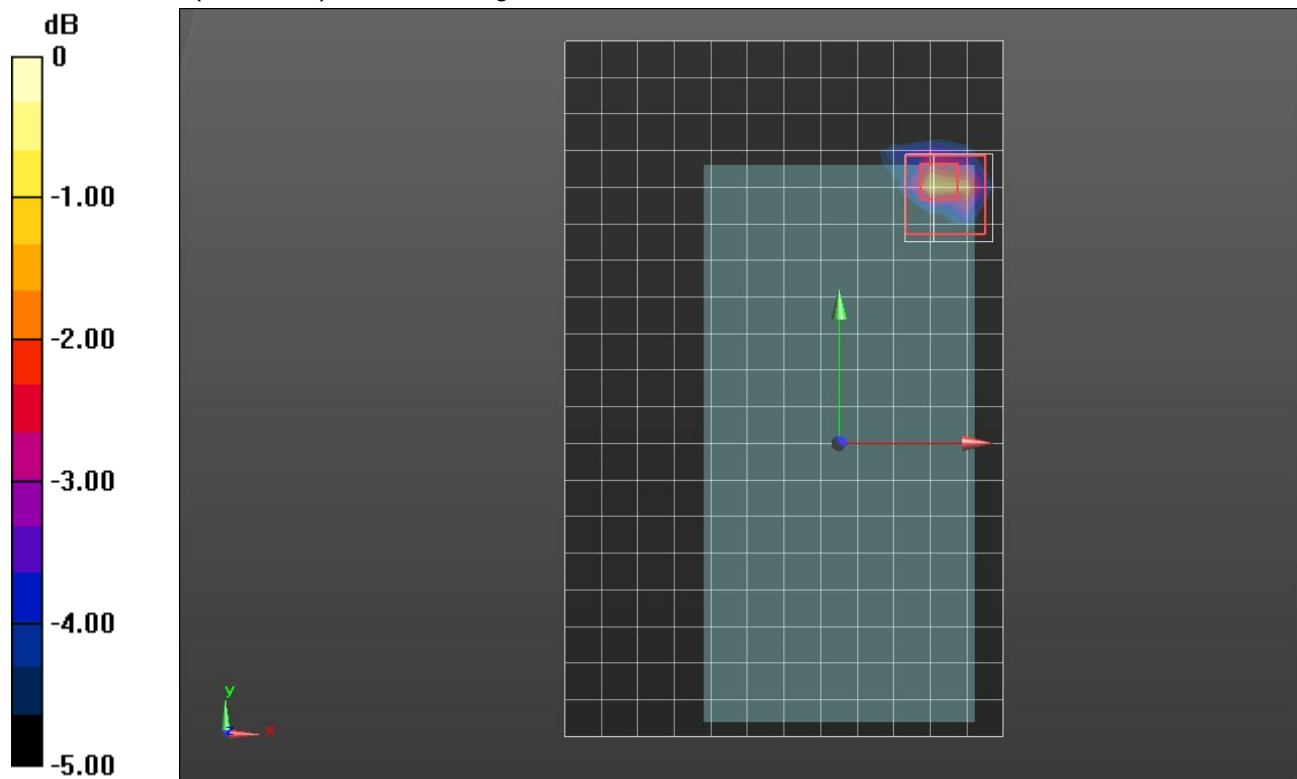
$dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 3.397 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0947 W/kg



0 dB = 0.0947 W/kg = -10.24 dBW/kg

Wi-Fi 5.6GHz

Frequency: 5530 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5530$ MHz; $\sigma = 4.825$ S/m; $\epsilon_r = 36.495$; $\rho = 1000$ 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 Sn1472; Calibrated: 3/10/2017
- Probe: EX3DV4 - SN3989; ConvF(5.05, 5.05, 5.05); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD000P40CD; Serial: 1629

LHS/Touch_802.11ac VHT80_Ch 106_Chain 1/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

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

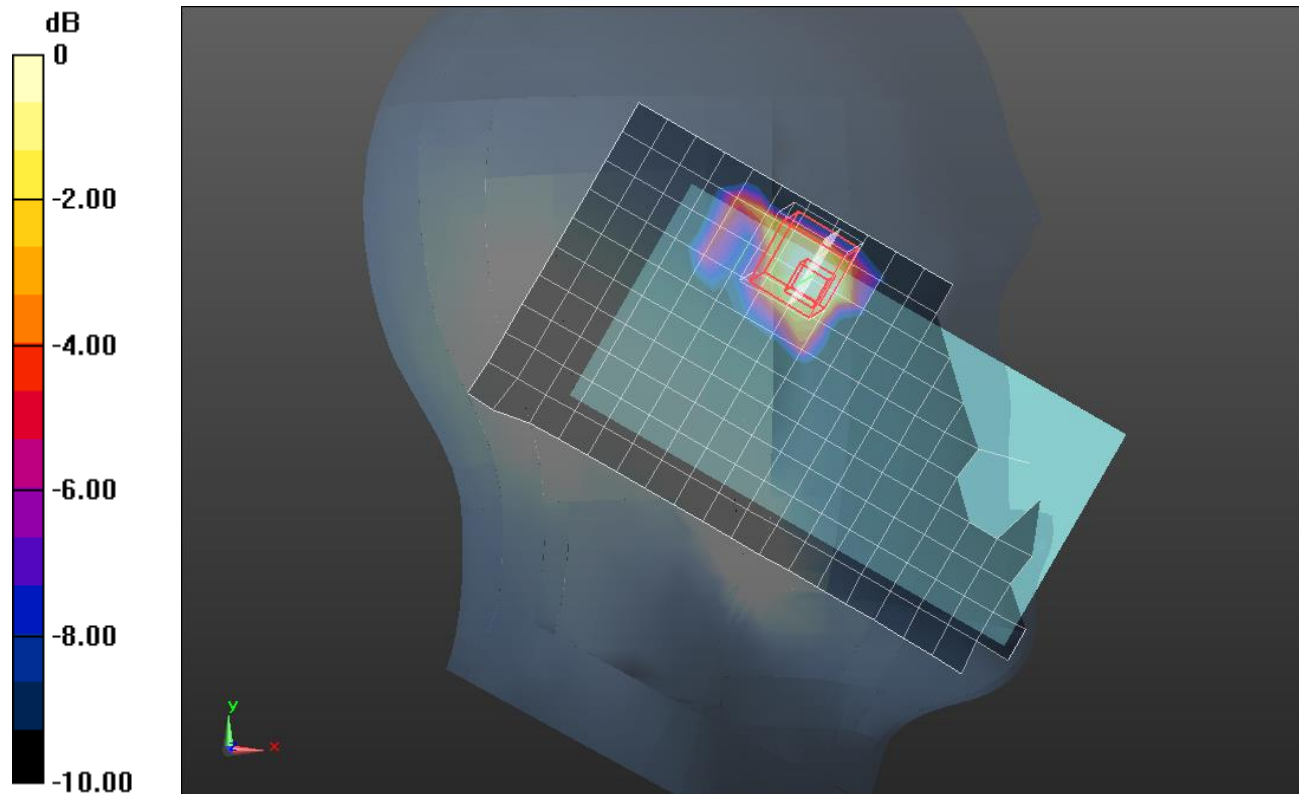
LHS/Touch_802.11ac VHT80_Ch 106_Chain 1/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.800 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.755 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.384 W/kg



0 dB = 0.384 W/kg = -4.16 dBW/kg

Wi-Fi 5.6GHz

Frequency: 5530 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5530$ MHz; $\sigma = 5.578$ S/m; $\epsilon_r = 48.976$; $\rho = 1000$ 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: 1/20/2017
- Probe: EX3DV4 - SN3773; ConvF(3.77, 3.77, 3.77); Calibrated: 4/21/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Front/802.11ac VHT80_Ch 106_Chain 1_15mm/Area Scan (13x20x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0268 W/kg

Front/802.11ac VHT80_Ch 106_Chain 1_15mm/Zoom Scan (9x9x12)/Cube 0: Measurement

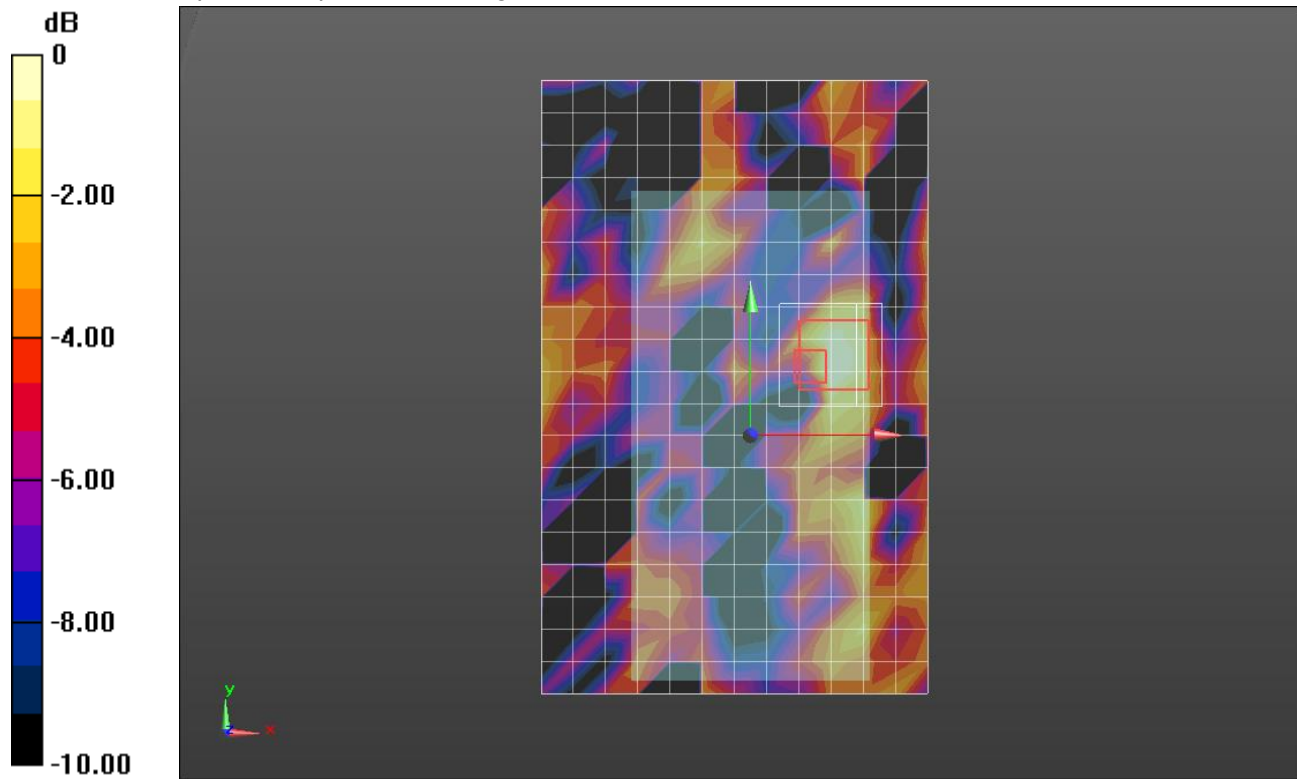
grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.483 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.00604 W/kg; SAR(10 g) = 0.00181 W/kg

Maximum value of SAR (measured) = 0.0230 W/kg



0 dB = 0.0230 W/kg = -16.38 dBW/kg

Wi-Fi 5.6GHz

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5610$ MHz; $\sigma = 5.693$ S/m; $\epsilon_r = 48.866$; $\rho = 1000$ 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: 1/20/2017
- Probe: EX3DV4 - SN3773; ConvF(3.77, 3.77, 3.77); Calibrated: 4/21/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Front/802.11ac VHT80_Ch 122_Chain 0_0mm/Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.76 W/kg

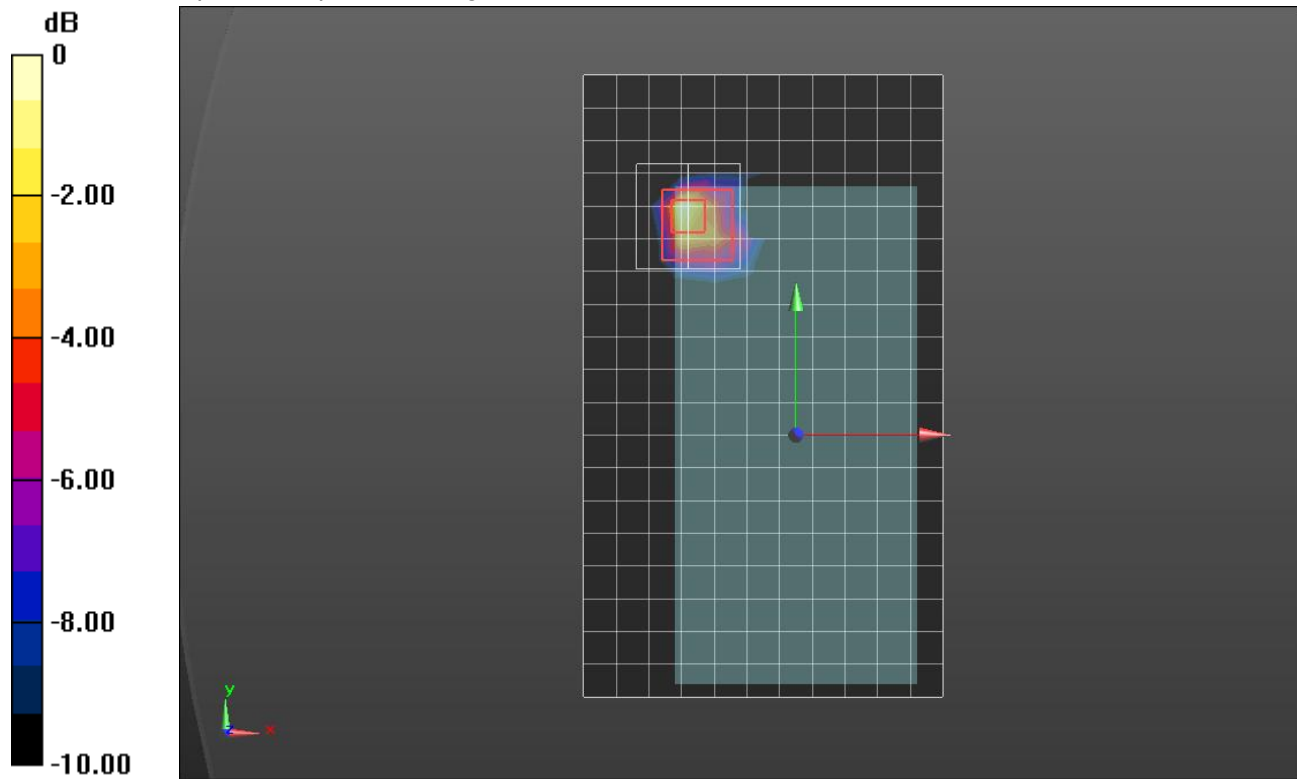
Front/802.11ac VHT80_Ch 122_Chain 0_0mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 15.00 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.56 W/kg

SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.75 W/kg = 2.43 dBW/kg

Wi-Fi 5.6GHz

Frequency: 5530 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5530$ MHz; $\sigma = 5.578$ S/m; $\epsilon_r = 48.976$; $\rho = 1000$ 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: 1/20/2017
- Probe: EX3DV4 - SN3773; ConvF(3.77, 3.77, 3.77); Calibrated: 4/21/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Front/802.11ac VHT80_Ch 106_Chain 1_0mm/Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.889 W/kg

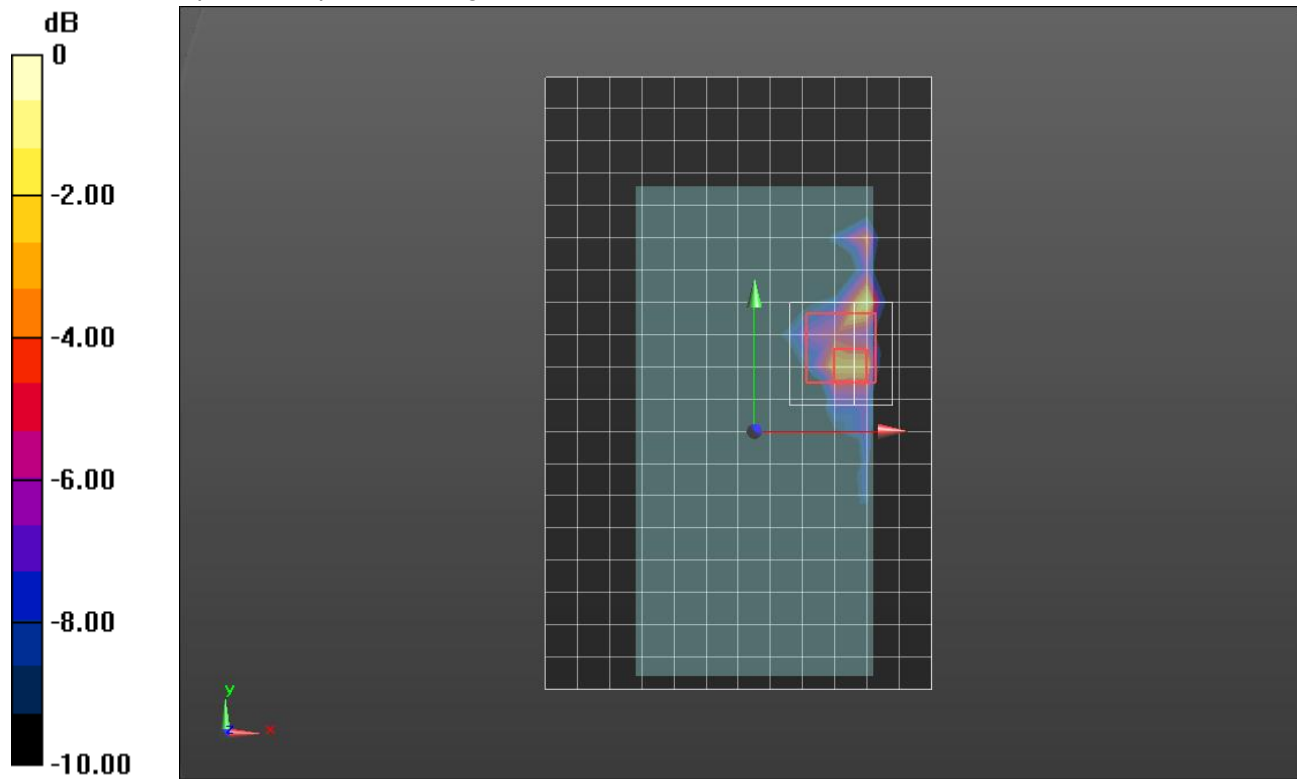
Front/802.11ac VHT80_Ch 106_Chain 1_0mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.80 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.086 W/kg

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



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

Wi-Fi 5.8GHz

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5775$ MHz; $\sigma = 5.026$ S/m; $\epsilon_r = 36.296$; $\rho = 1000$ 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 Sn1472; Calibrated: 3/10/2017
- Probe: EX3DV4 - SN3989; ConvF(5.21, 5.21, 5.21); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD000P40CD; Serial: 1629

RHS/Touch_802.11ac VHT80_Ch 155_Chain 0/Area Scan (11x19x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.520 W/kg

RHS/Touch_802.11ac VHT80_Ch 155_Chain 0/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

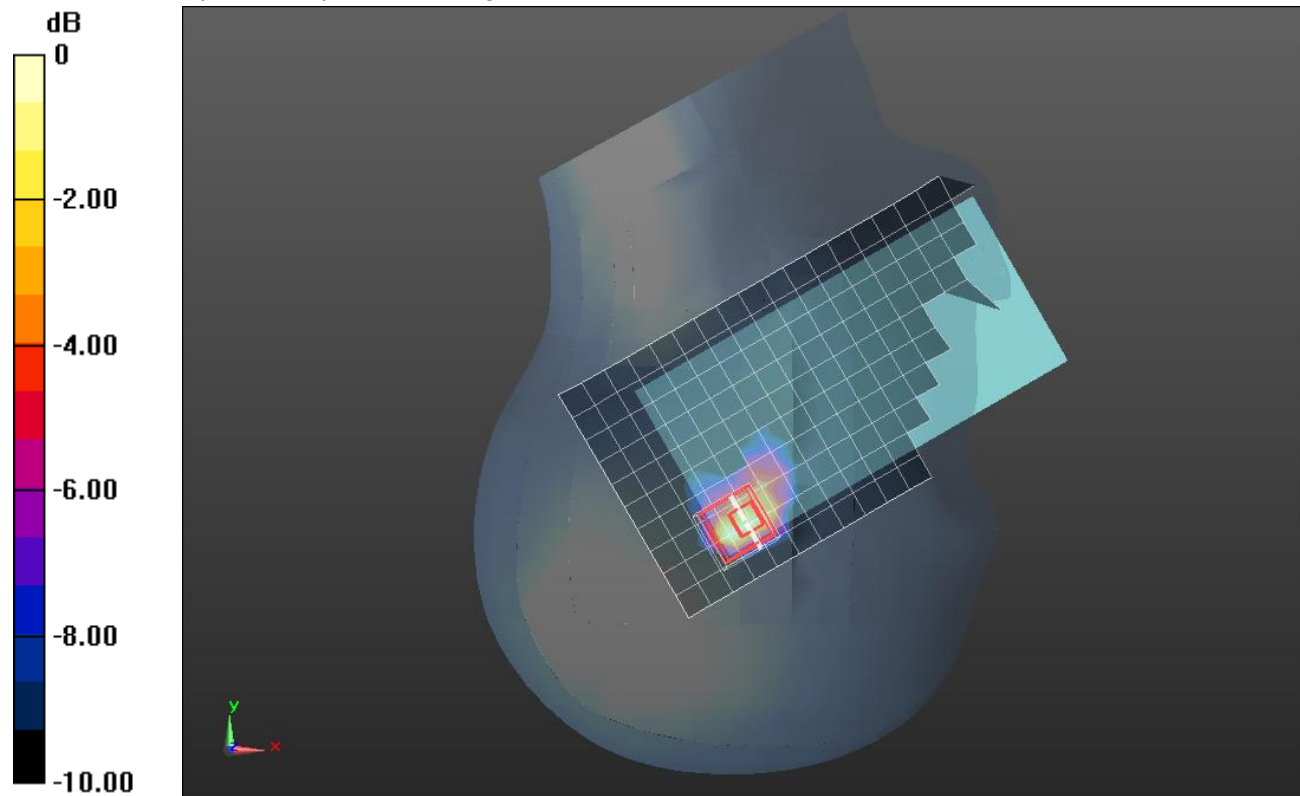
dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.836 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.786 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.475 W/kg



0 dB = 0.475 W/kg = -3.23 dBW/kg

Wi-Fi 5.8GHz

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5775$ MHz; $\sigma = 6.144$ S/m; $\epsilon_r = 46.74$; $\rho = 1000$ 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 Sn1472; Calibrated: 3/10/2017
- Probe: EX3DV4 - SN3989; ConvF(4.63, 4.63, 4.63); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/802.11ac VHT80_Ch 155_Chain 0_15mm/Area Scan (13x20x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0961 W/kg

Rear/802.11ac VHT80_Ch 155_Chain 0_15mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

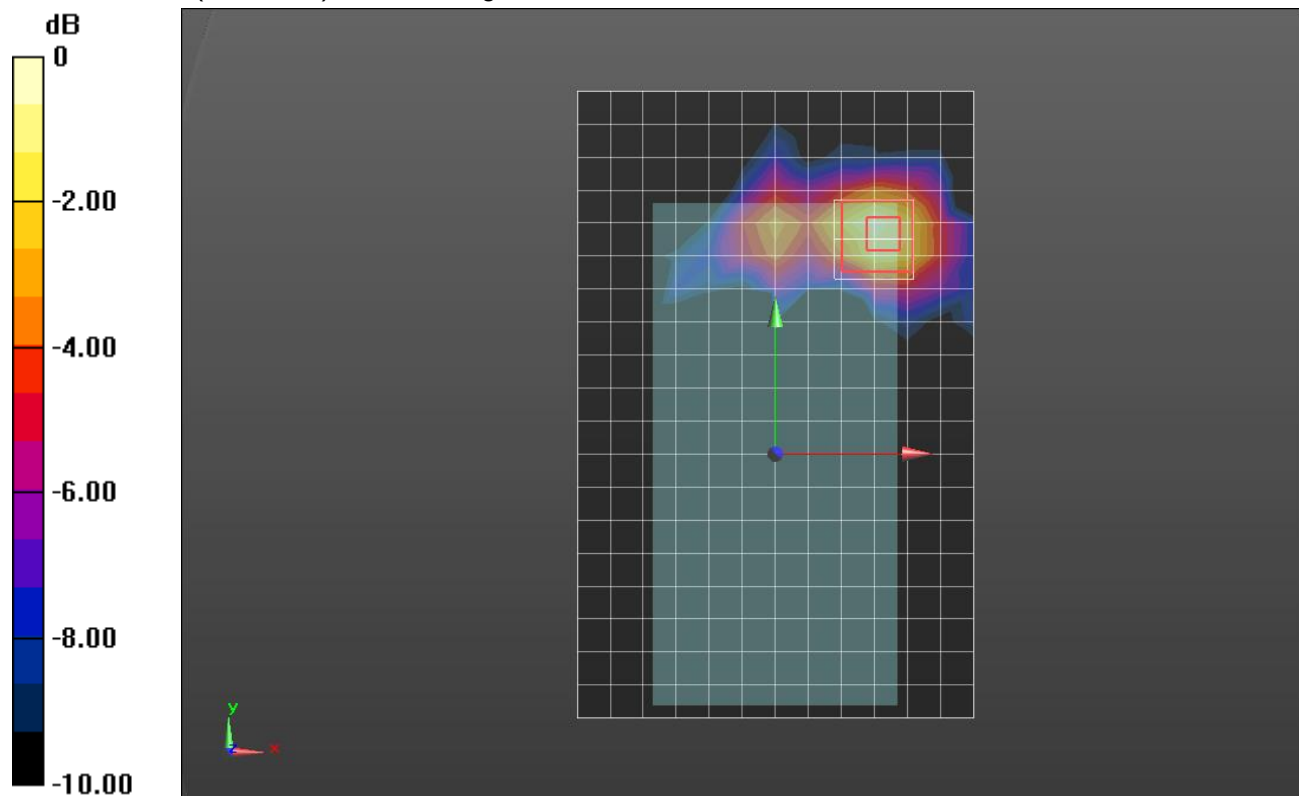
dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.127 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.176 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.101 W/kg



Wi-Fi 5.8GHz

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5825$ MHz; $\sigma = 5.294$ S/m; $\epsilon_r = 36.402$; $\rho = 1000$ 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 Sn1472; Calibrated: 3/10/2017
- Probe: EX3DV4 - SN3989; ConvF(5.21, 5.21, 5.21); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD000P40CD; Serial: 1629

LHS/Touch_802.11a_Ch 165_Chain 1/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.117 W/kg

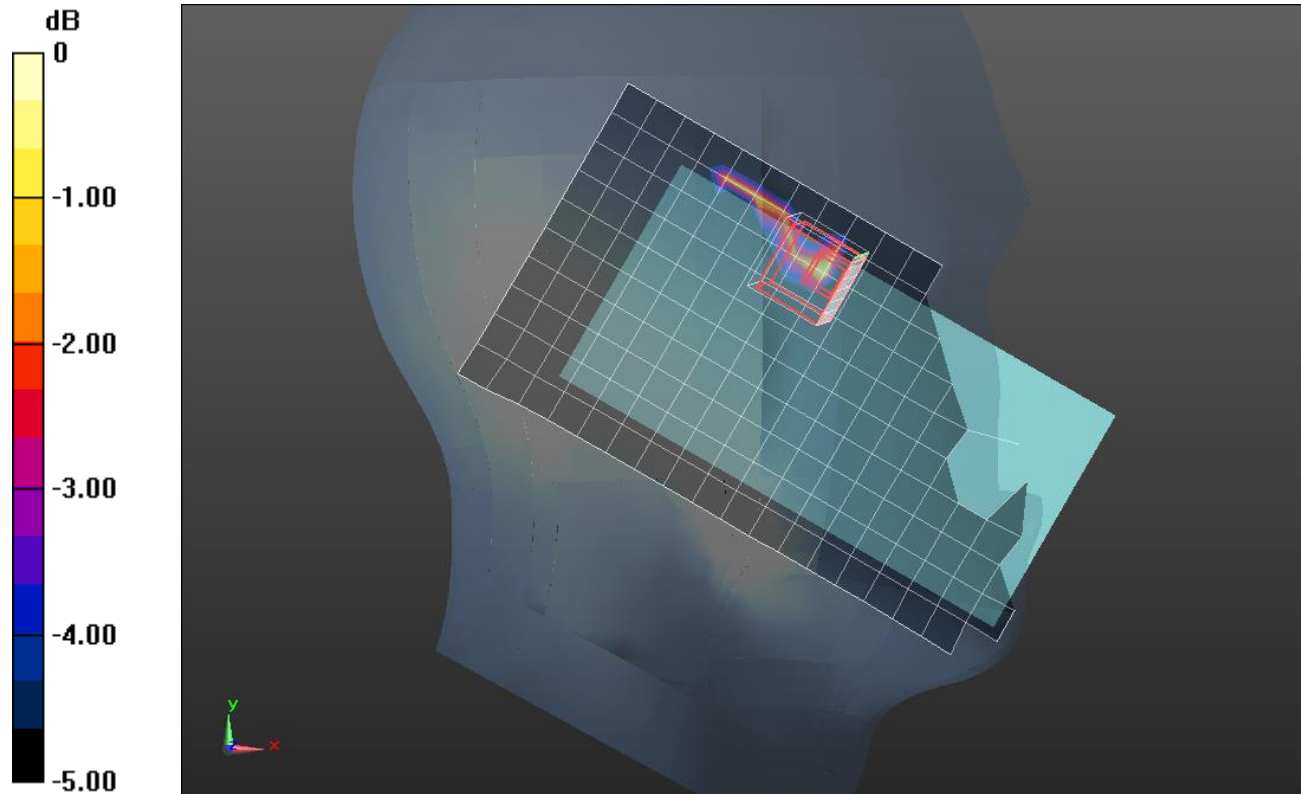
LHS/Touch_802.11a_Ch 165_Chain 1/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.937 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.00959 W/kg

Maximum value of SAR (measured) = 0.130 W/kg



0 dB = 0.130 W/kg = -8.86 dBW/kg

Wi-Fi 5.8GHz

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5825$ MHz; $\sigma = 6.237$ S/m; $\epsilon_r = 46.659$; $\rho = 1000$ 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 Sn1472; Calibrated: 3/10/2017
- Probe: EX3DV4 - SN3989; ConvF(4.63, 4.63, 4.63); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Front/802.11a_Ch 165_Chain 1_15mm 2/Area Scan 2 (14x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0190 W/kg

Front/802.11a_Ch 165_Chain 1_15mm 2/Zoom Scan (8x8x12)/Cube 0: Measurement grid:

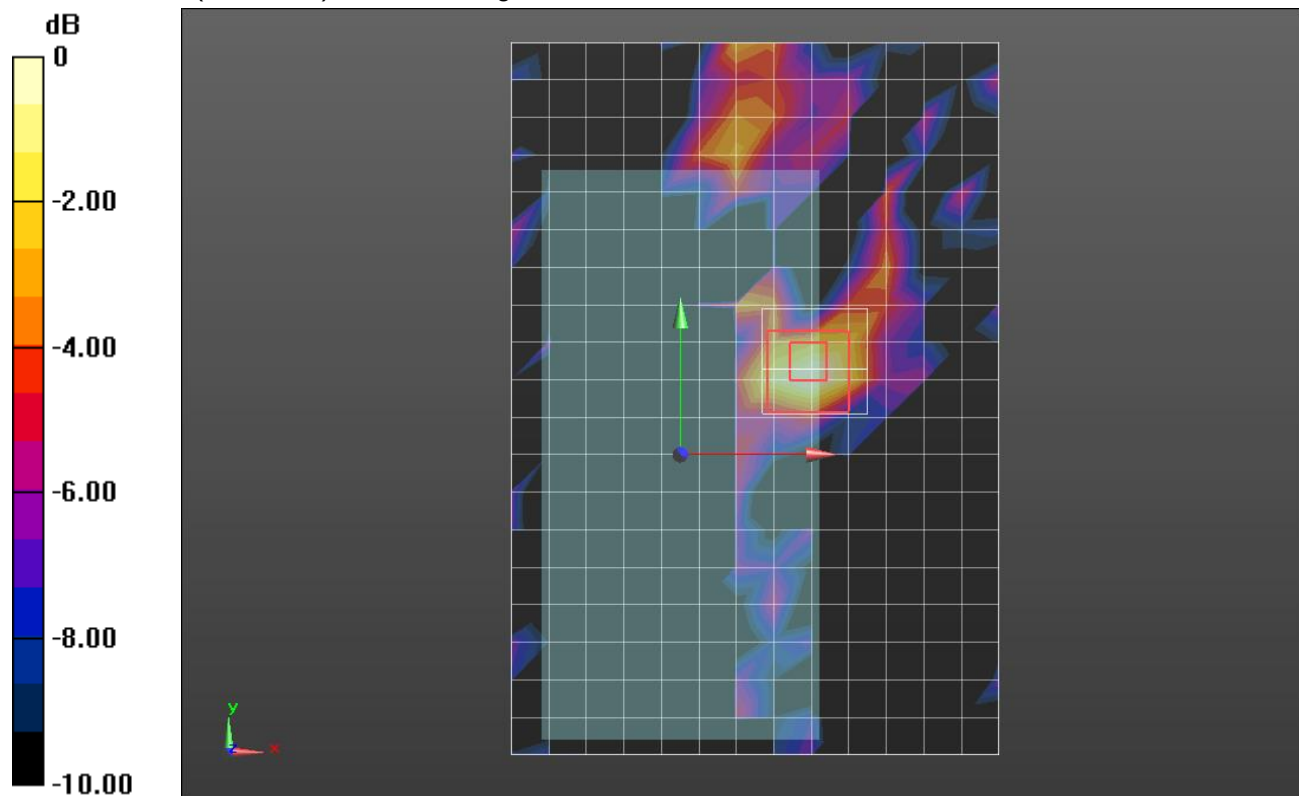
dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.313 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0390 W/kg

SAR(1 g) = 0.00102 W/kg; SAR(10 g) = 0.000105 W/kg

Maximum value of SAR (measured) = 0.0159 W/kg



0 dB = 0.0159 W/kg = -17.99 dBW/kg

Wi-Fi 5.8GHz

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5775$ MHz; $\sigma = 6.144$ S/m; $\epsilon_r = 46.74$; $\rho = 1000$ 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 Sn1472; Calibrated: 3/10/2017
- Probe: EX3DV4 - SN3989; ConvF(4.63, 4.63, 4.63); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Front/802.11ac VHT80_Ch 155_Chain 0_0mm/Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.30 W/kg

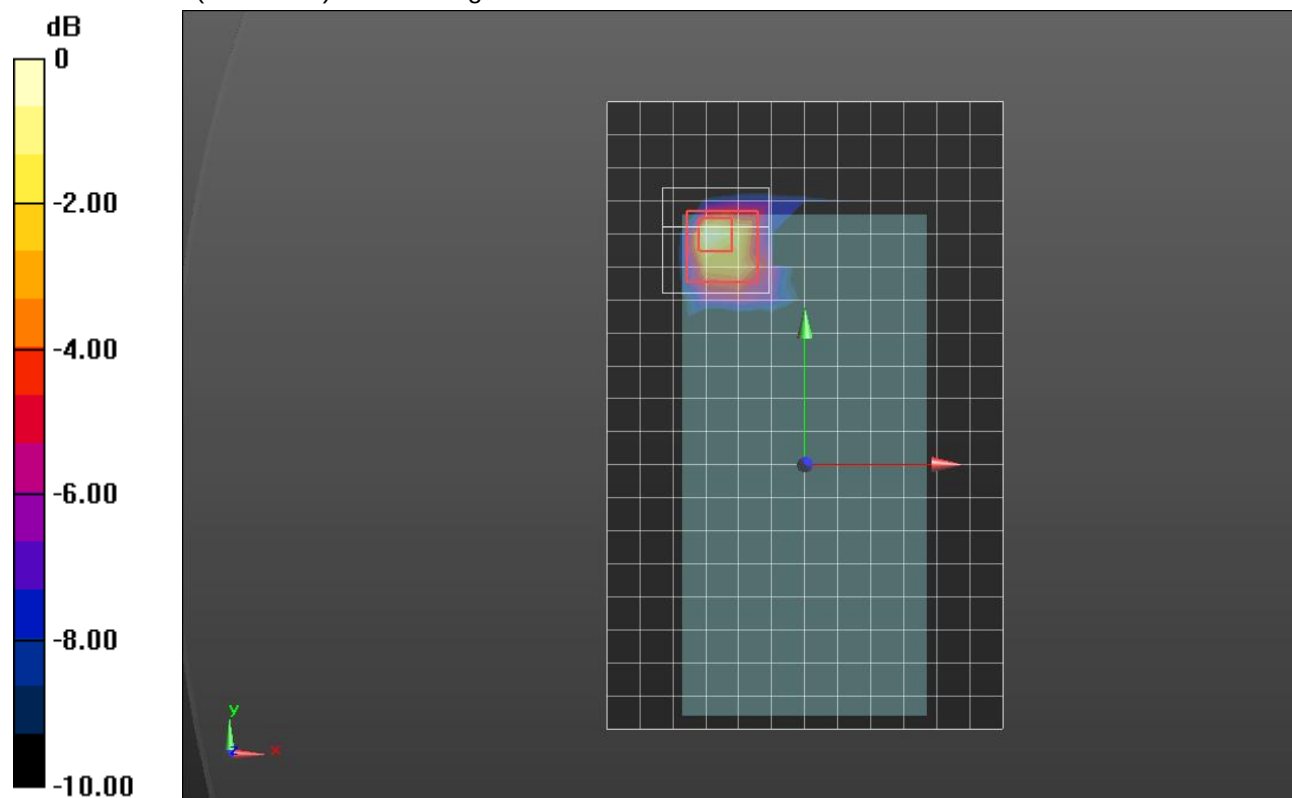
Front/802.11ac VHT80_Ch 155_Chain 0_0mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.40 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.73 W/kg

SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

Wi-Fi 5.8 GHz

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5825$ MHz; $\sigma = 6.237$ S/m; $\epsilon_r = 46.659$; $\rho = 1000$ 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 Sn1472; Calibrated: 3/10/2017
- Probe: EX3DV4 - SN3989; ConvF(4.63, 4.63, 4.63); Calibrated: 2/16/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Front/802.11a_Ch 165_Chain 1_0mm/Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.689 W/kg

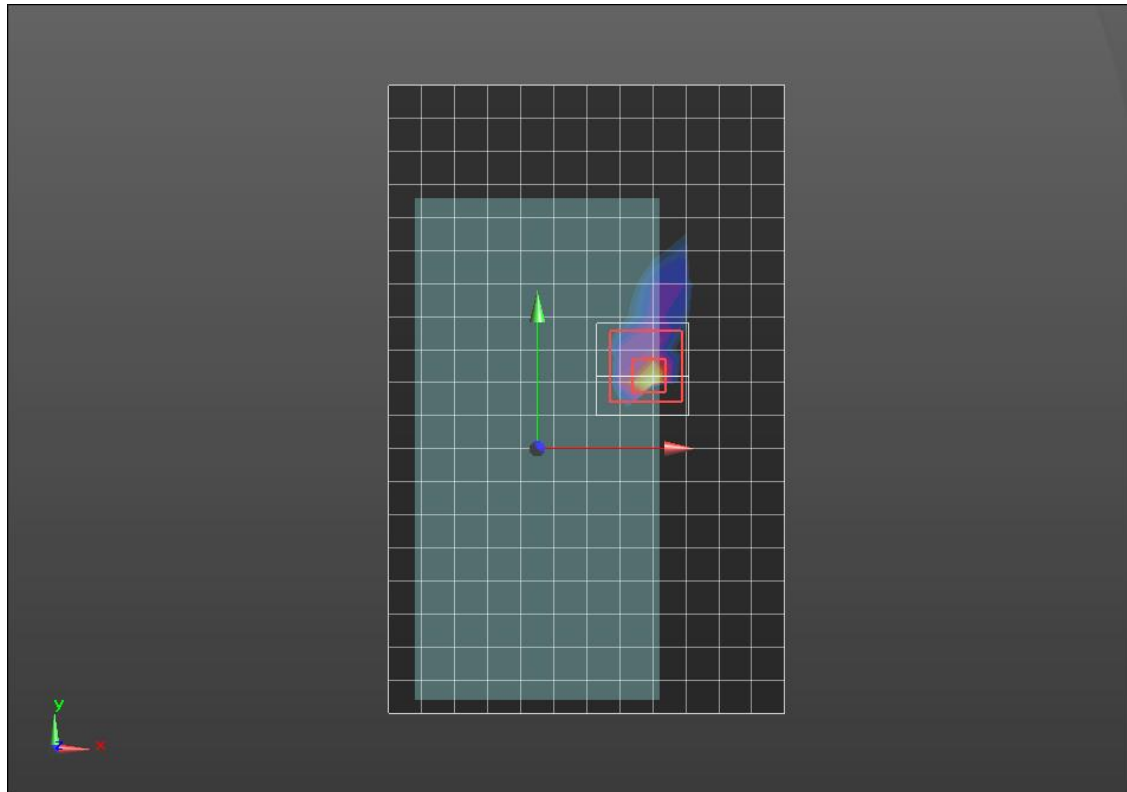
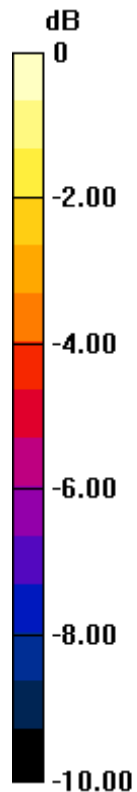
Front/802.11a_Ch 165_Chain 1_0mm/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.869 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.791 W/kg



0 dB = 0.791 W/kg = -1.02 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; $\sigma = 1.825$ S/m; $\epsilon_r = 39.161$; $\rho = 1000$ 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: 10/11/2017
- Probe: EX3DV4 - SN3773; ConvF(6.78, 6.78, 6.78); Calibrated: 4/21/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

RHS/GFSK DH5_Touch_ch 39_Chain 0/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.271 W/kg

RHS/GFSK DH5_Touch_ch 39_Chain 0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

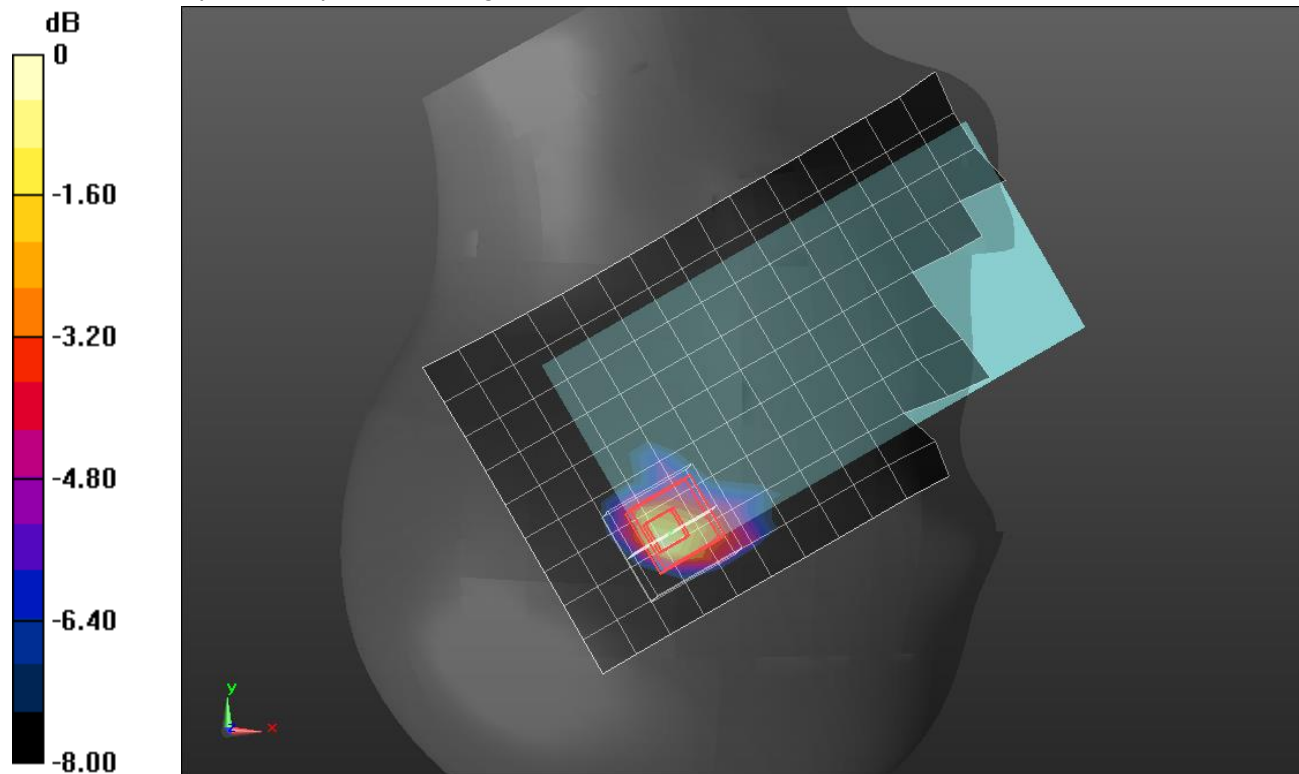
Reference Value = 10.89 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.067 W/kg

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

Maximum value of SAR (measured) = 0.310 W/kg



0 dB = 0.310 W/kg = -5.09 dBW/kg