

GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 41.898$; $\rho = 1000$ 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: 4/15/2016
- Probe: EX3DV4 - SN3989; ConvF(10.33, 10.33, 10.33); Calibrated: 2/16/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

RHS/Touch_GPRS 4 slots_ch 190/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

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

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

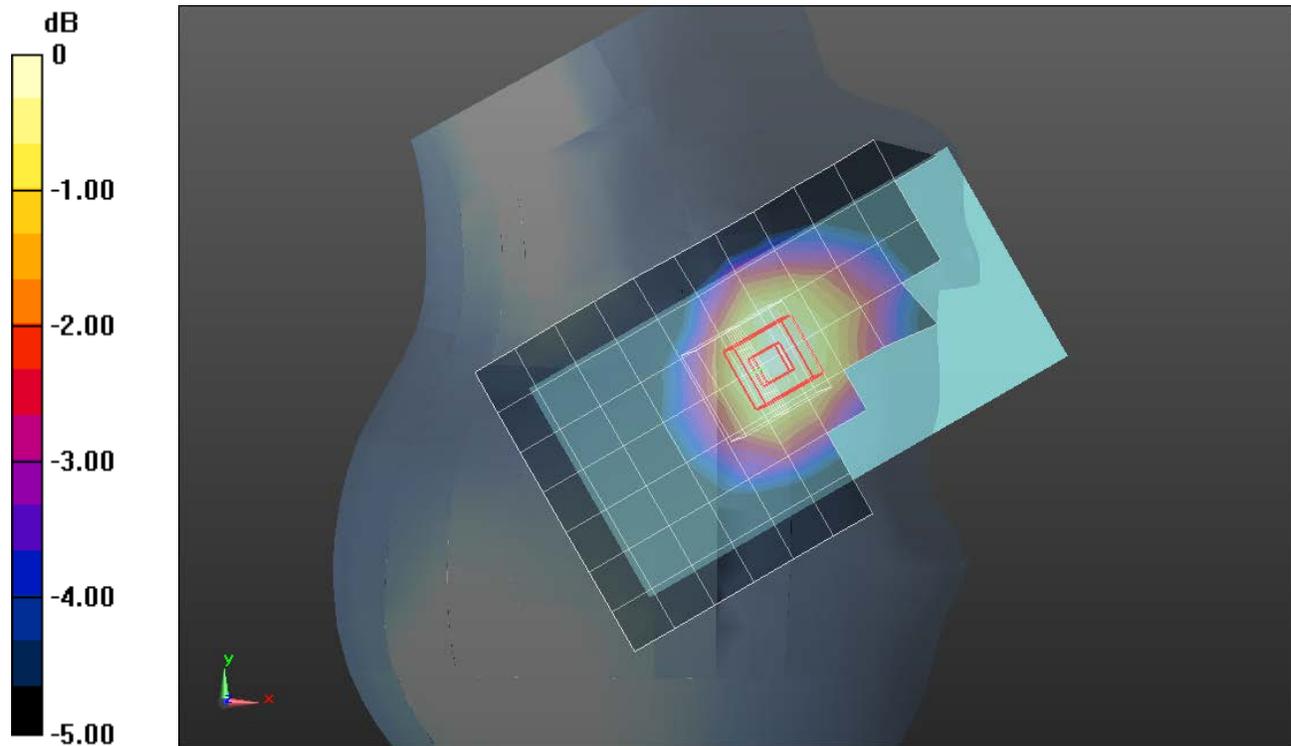
Reference Value = 18.95 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.233 W/kg

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

Maximum value of SAR (measured) = 0.338 W/kg



0 dB = 0.338 W/kg = -4.71 dBW/kg

GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.004$ S/m; $\epsilon_r = 53.447$; $\rho = 1000$ 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: 4/15/2016
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59); Calibrated: 2/16/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

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) = 0.325 W/kg

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

Reference Value = 18.30 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.186 W/kg

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

Maximum value of SAR (measured) = 0.366 W/kg

Front/GPRS 4 slots_ch 190_15mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

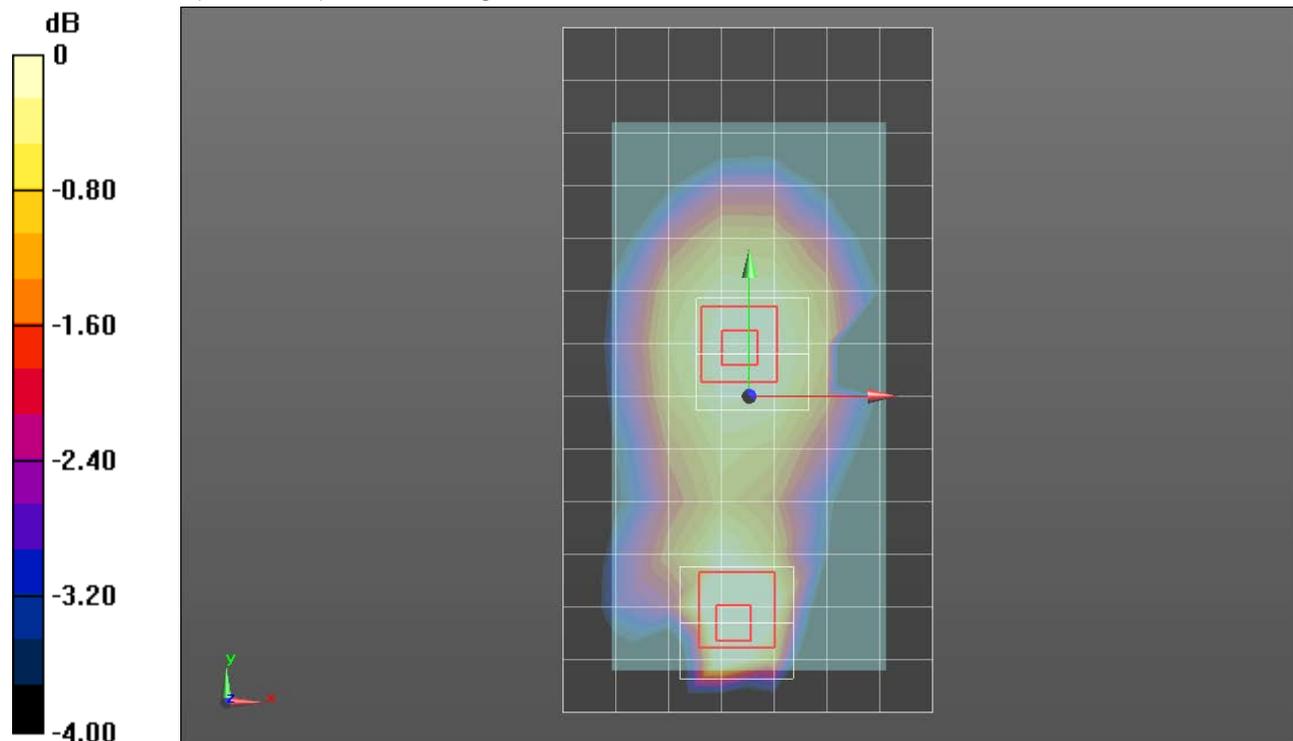
Reference Value = 18.30 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.153 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

GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.004$ S/m; $\epsilon_r = 53.447$; $\rho = 1000$ 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: 4/15/2016
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59); Calibrated: 2/16/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

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) = 0.584 W/kg

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

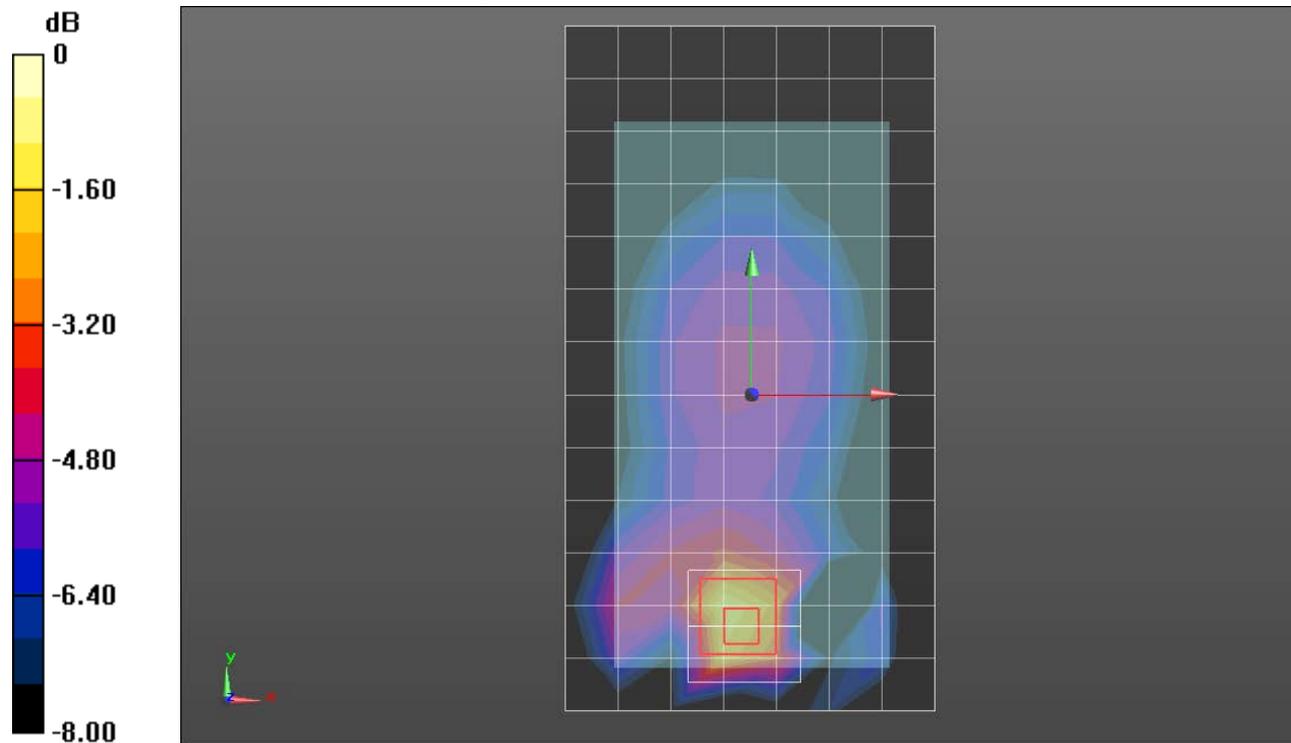
Reference Value = 24.69 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.927 W/kg

SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.342 W/kg

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

Maximum value of SAR (measured) = 0.735 W/kg



0 dB = 0.735 W/kg = -1.34 dBW/kg

GSM 1900

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; $\sigma = 1.385$ S/m; $\epsilon_r = 39.29$; $\rho = 1000$ 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(7.58, 7.58, 7.58); Calibrated: 2/16/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_GPRS 4 slots_ch 661/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.199 W/kg

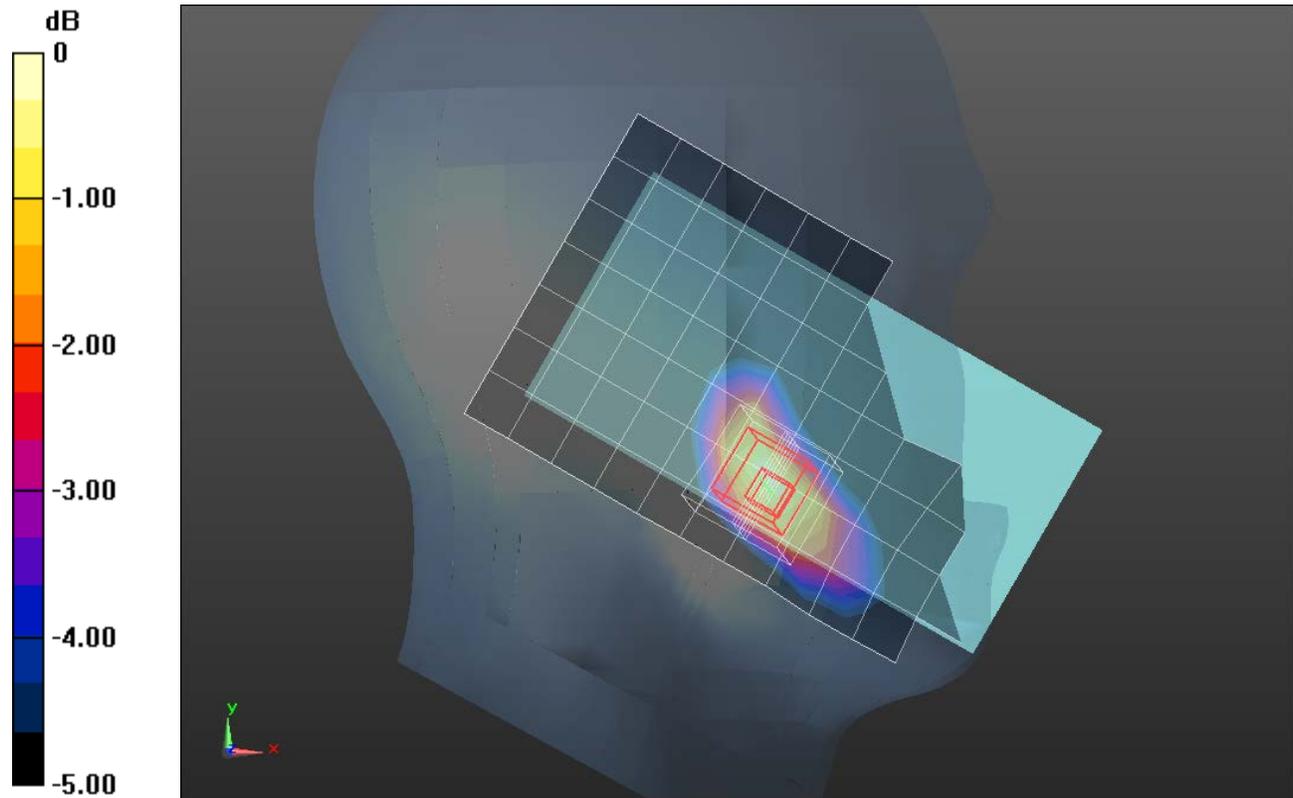
LHS/Touch_GPRS 4 slots_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.941 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.104 W/kg

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



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

GSM 1900

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; $\sigma = 1.551$ S/m; $\epsilon_r = 51.275$; $\rho = 1000$ 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(7.32, 7.32, 7.32); Calibrated: 2/16/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1180

Rear/GPRS 4 slots_ch 661_15mm/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.184 W/kg

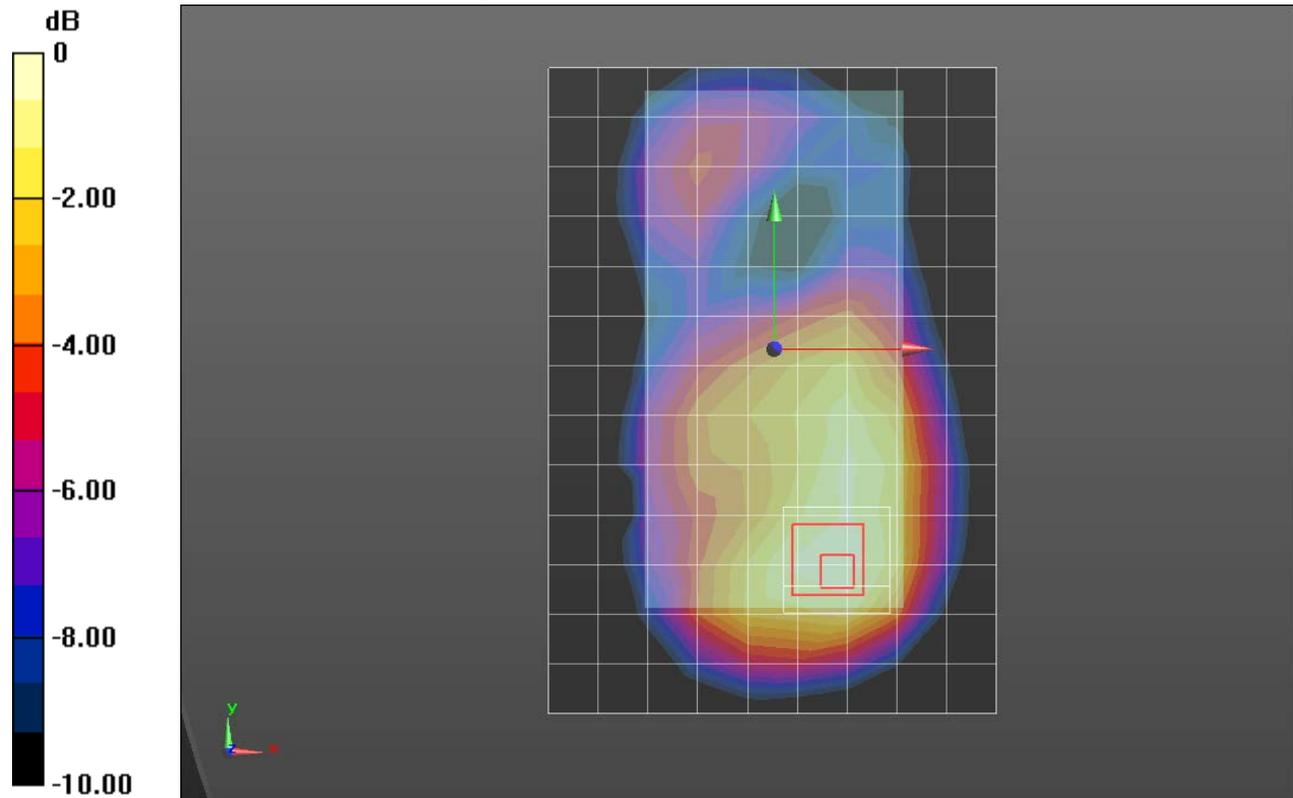
Rear/GPRS 4 slots_ch 661_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.895 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -7.38 dBW/kg

GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.551 \text{ S/m}$; $\epsilon_r = 51.275$; $\rho = 1000 \text{ kg/m}^3$
 DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/13/2017
- Probe: EX3DV4 - SN3772; ConvF(7.32, 7.32, 7.32); Calibrated: 2/16/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1180

Edge 4/GPRS 4 slots_ch 661/Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.307 W/kg

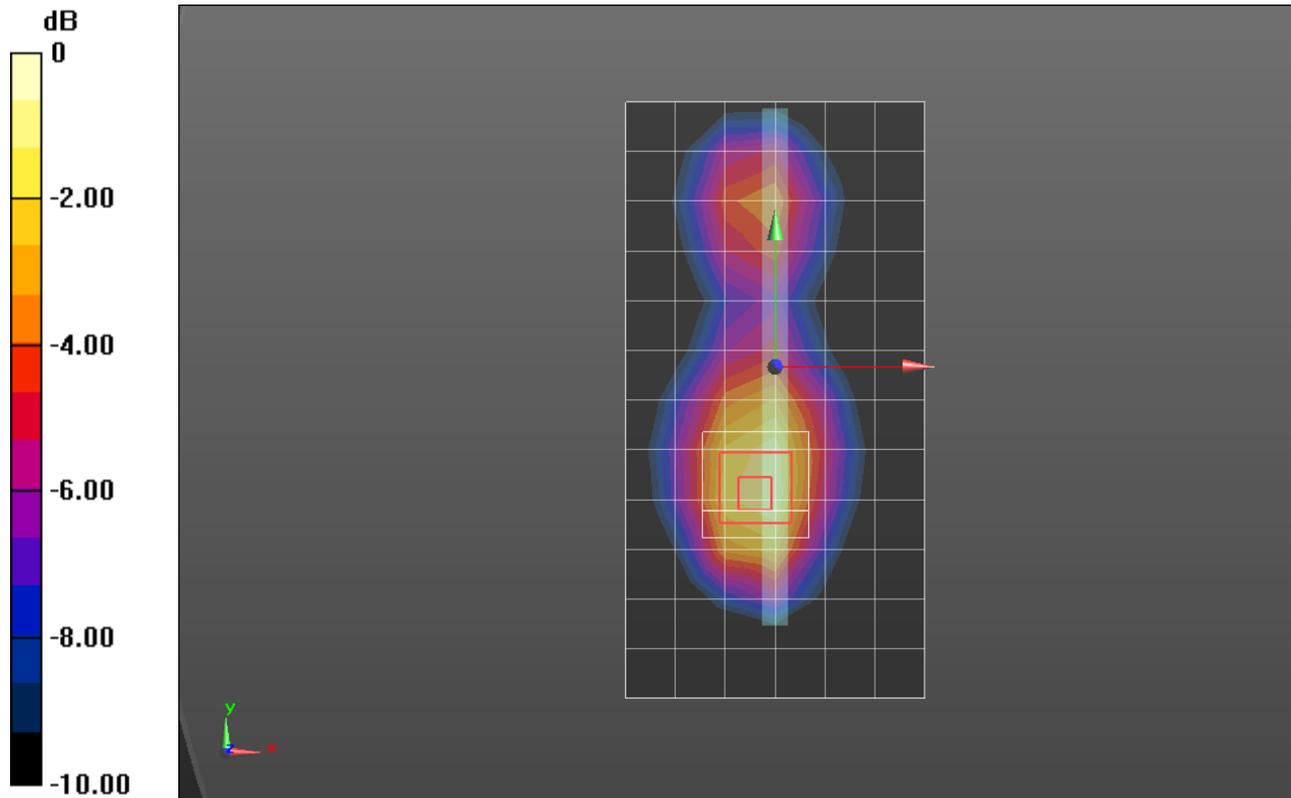
Edge 4/GPRS 4 slots_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.163 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.159 W/kg

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



0 dB = 0.353 W/kg = -4.52 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; $\sigma = 0.92$ S/m; $\epsilon_r = 41.898$; $\rho = 1000$ 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: 4/15/2016
- Probe: EX3DV4 - SN3989; ConvF(10.33, 10.33, 10.33); Calibrated: 2/16/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

RHS/Touch_RMC Rel. 99_ch 4183/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.345 W/kg

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

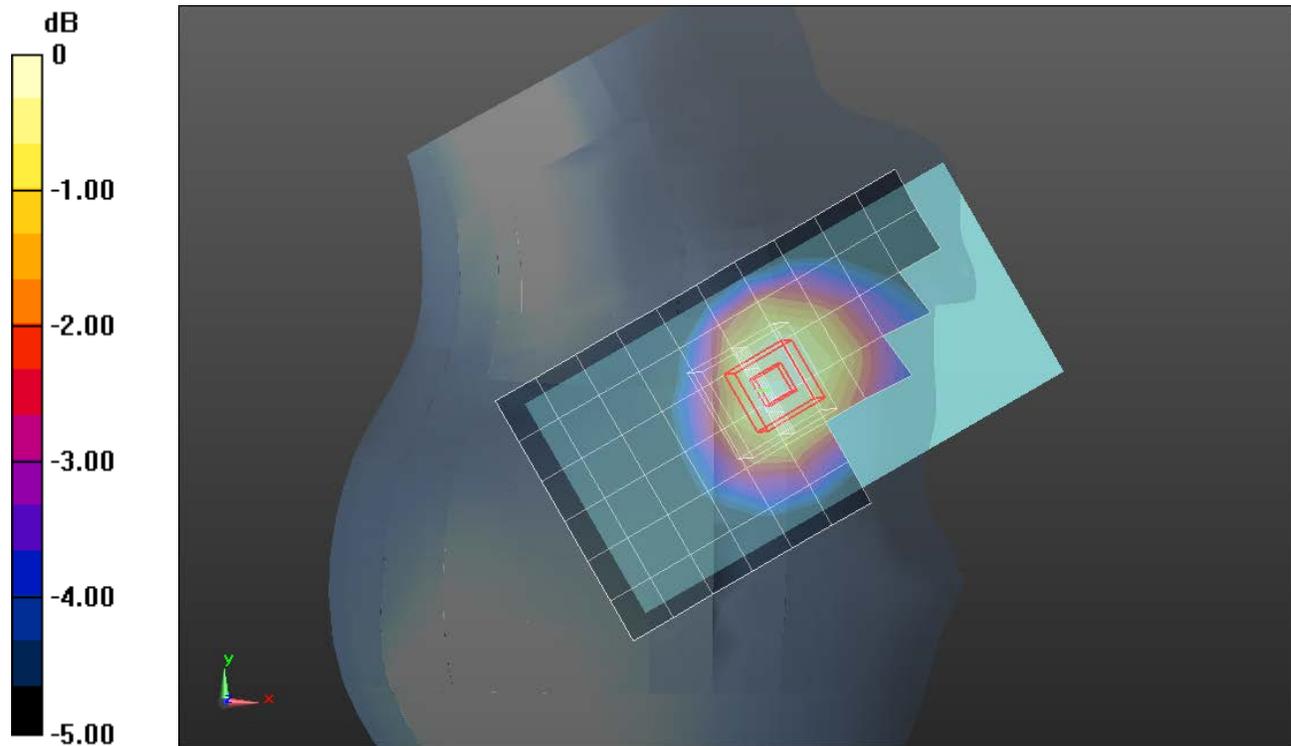
Reference Value = 19.32 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.243 W/kg

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

Maximum value of SAR (measured) = 0.352 W/kg



0 dB = 0.352 W/kg = -4.53 dBW/kg

W-CDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.004$ S/m; $\epsilon_r = 53.447$; $\rho = 1000$ 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: 4/15/2016
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59); Calibrated: 2/16/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

Front/RMC Rel. 99_ch 4183_15mm/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.332 W/kg

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

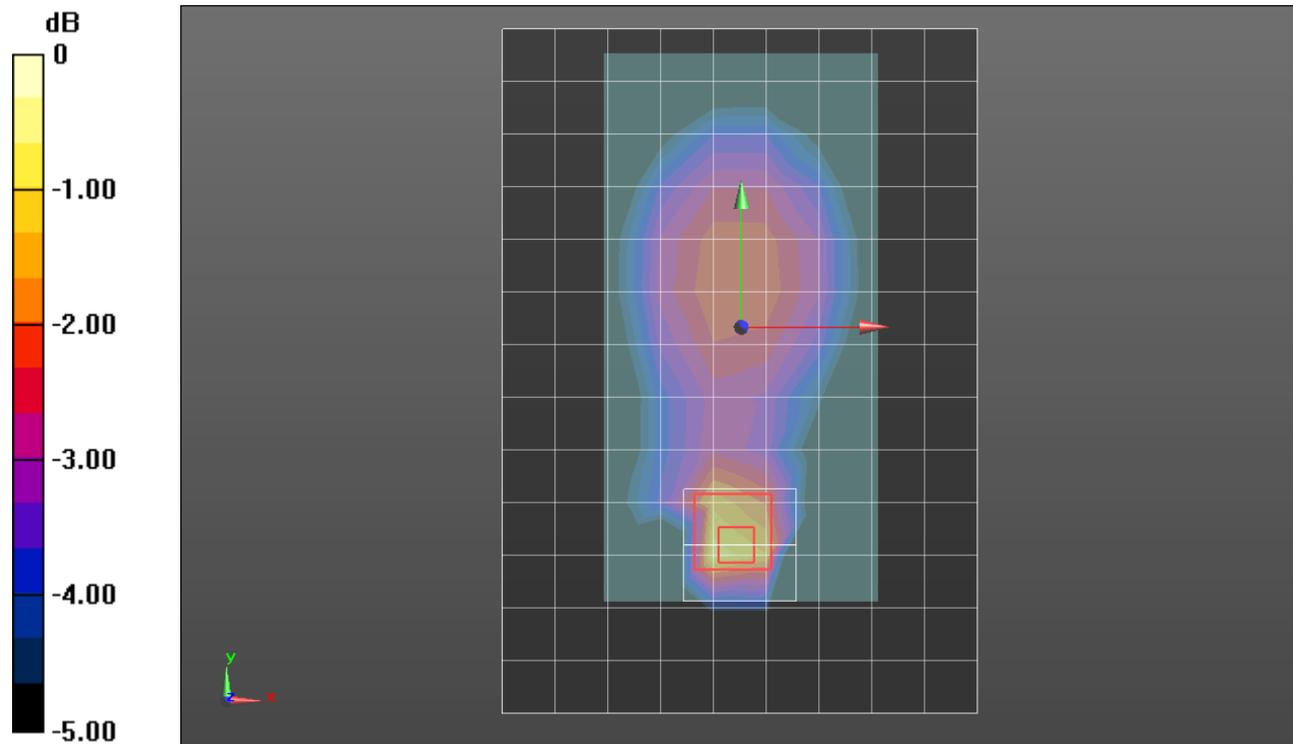
Reference Value = 18.36 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.480 W/kg

SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.205 W/kg

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

Maximum value of SAR (measured) = 0.396 W/kg



0 dB = 0.396 W/kg = -4.02 dBW/kg

W-CDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.004$ S/m; $\epsilon_r = 53.447$; $\rho = 1000$ 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: 4/15/2016
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59); Calibrated: 2/16/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

Front/RMC Rel. 99_ch 4183_10mm/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.861 W/kg

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

Reference Value = 29.75 V/m; Power Drift = -0.09 dB

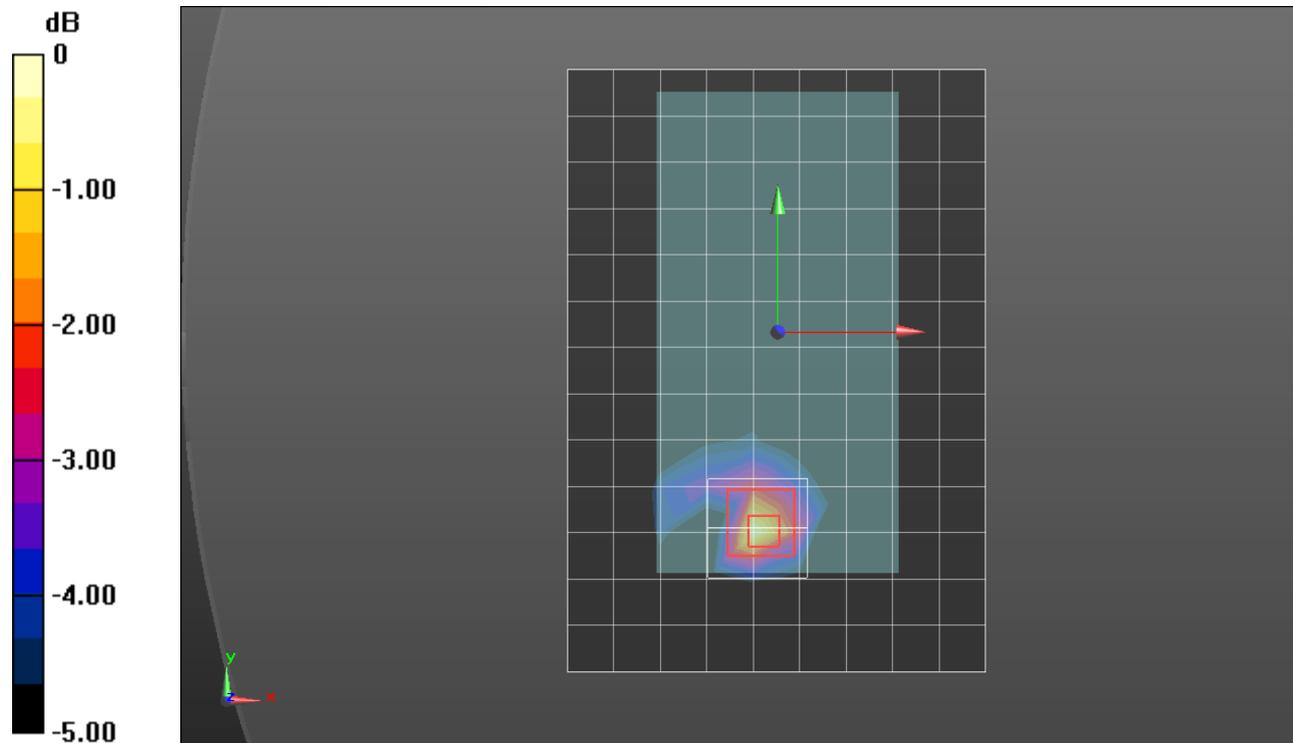
Peak SAR (extrapolated) = 1.15 W/kg

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.726 W/kg; SAR(10 g) = 0.420 W/kg

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

Maximum value of SAR (measured) = 0.890 W/kg



0 dB = 0.890 W/kg = -0.51 dBW/kg

LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.311$ S/m; $\epsilon_r = 40.963$; $\rho = 1000$ 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(7.77, 7.77, 7.77); Calibrated: 2/16/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_QPSK RB 1,0 Ch 20175/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.217 W/kg

LHS/Touch_QPSK RB 1,0 Ch 20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

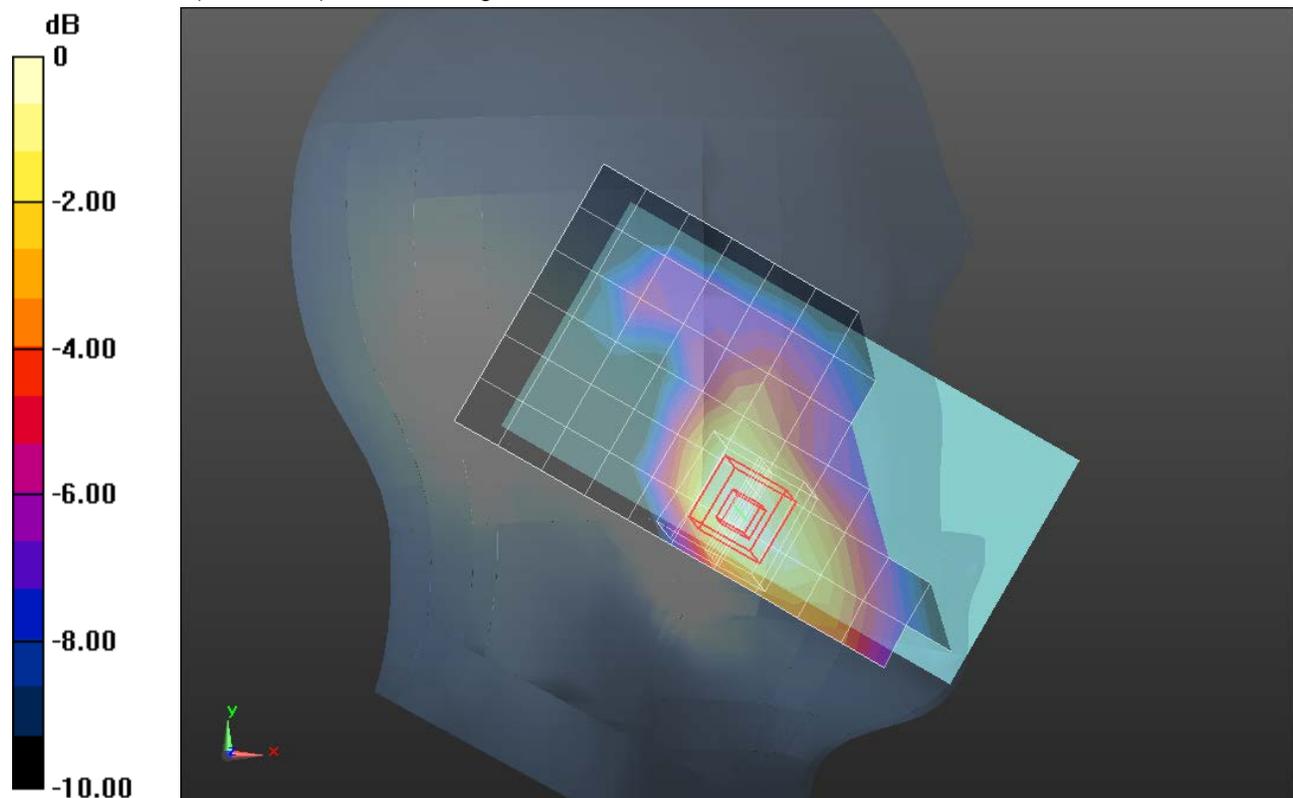
Reference Value = 13.141 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.265 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.118 W/kg

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

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



0 dB = 0.218 W/kg = -6.62 dBW/kg

LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.436$ S/m; $\epsilon_r = 51.585$; $\rho = 1000$ 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(7.61, 7.61, 7.61); Calibrated: 2/16/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1180

Front/QPSK RB 1,0 Ch 20175 (15mm)/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.172 W/kg

Front/QPSK RB 1,0 Ch 20175 (15mm)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

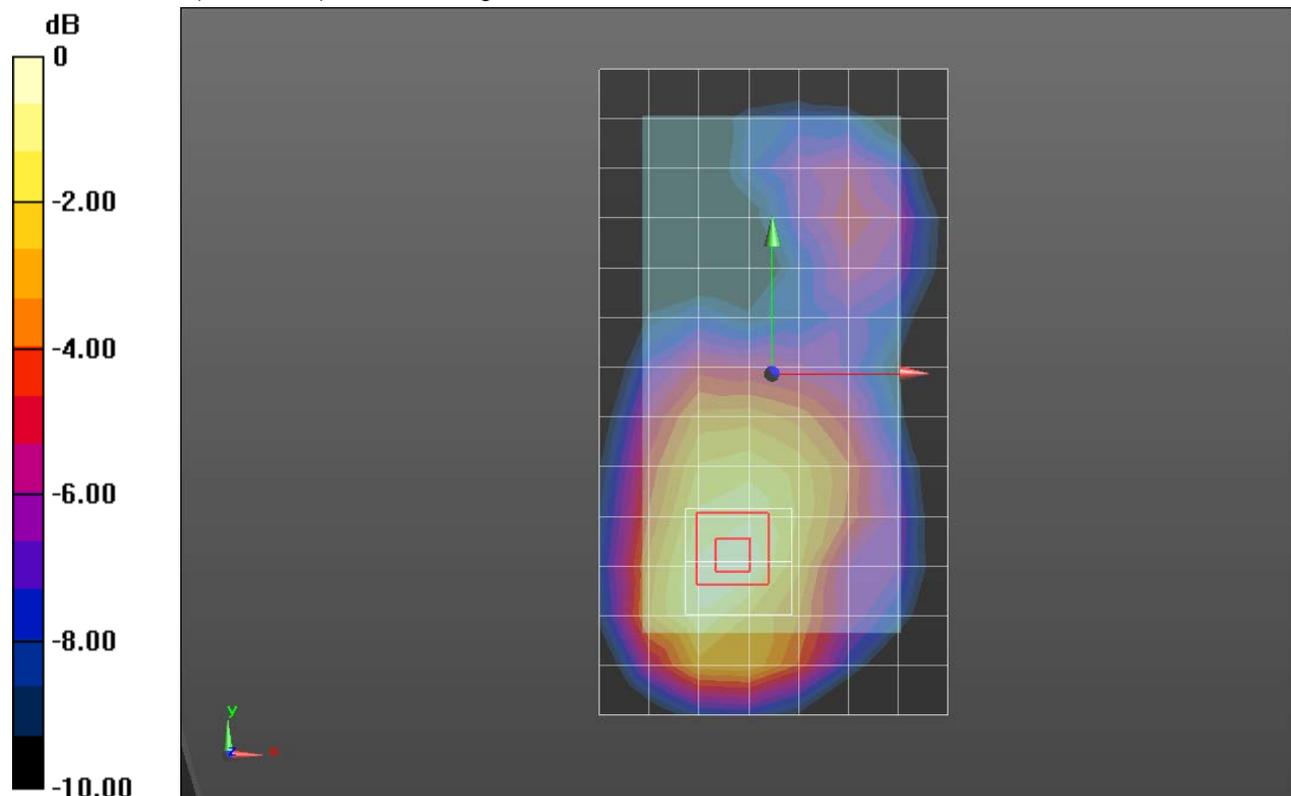
Reference Value = 11.049 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.097 W/kg

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

Maximum value of SAR (measured) = 0.180 W/kg



0 dB = 0.180 W/kg = -7.45 dBW/kg

LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.436$ S/m; $\epsilon_r = 51.585$; $\rho = 1000$ 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(7.61, 7.61, 7.61); Calibrated: 2/16/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1180

Edge 3/QPSK RB 1,0 Ch 20175 (10mm)/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.408 W/kg

Edge 3/QPSK RB 1,0 Ch 20175 (10mm)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

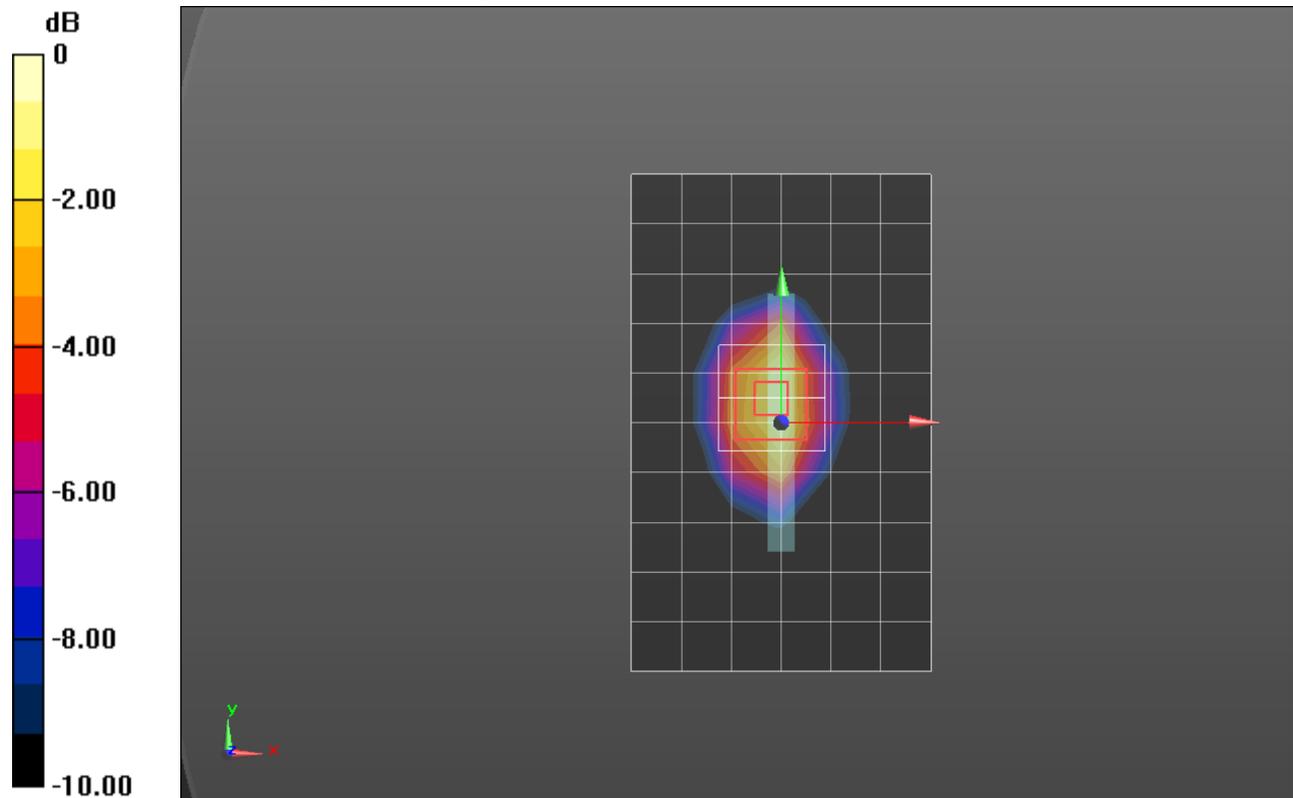
Reference Value = 16.995 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.632 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.189 W/kg

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

Maximum value of SAR (measured) = 0.469 W/kg



0 dB = 0.469 W/kg = -3.29 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; $\sigma = 0.92$ S/m; $\epsilon_r = 41.9$; $\rho = 1000$ 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: 4/15/2016
- Probe: EX3DV4 - SN3989; ConvF(10.33, 10.33, 10.33); Calibrated: 2/16/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

LHS/Touch_QPSK RB 1,0 Ch 20525/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.343 W/kg

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

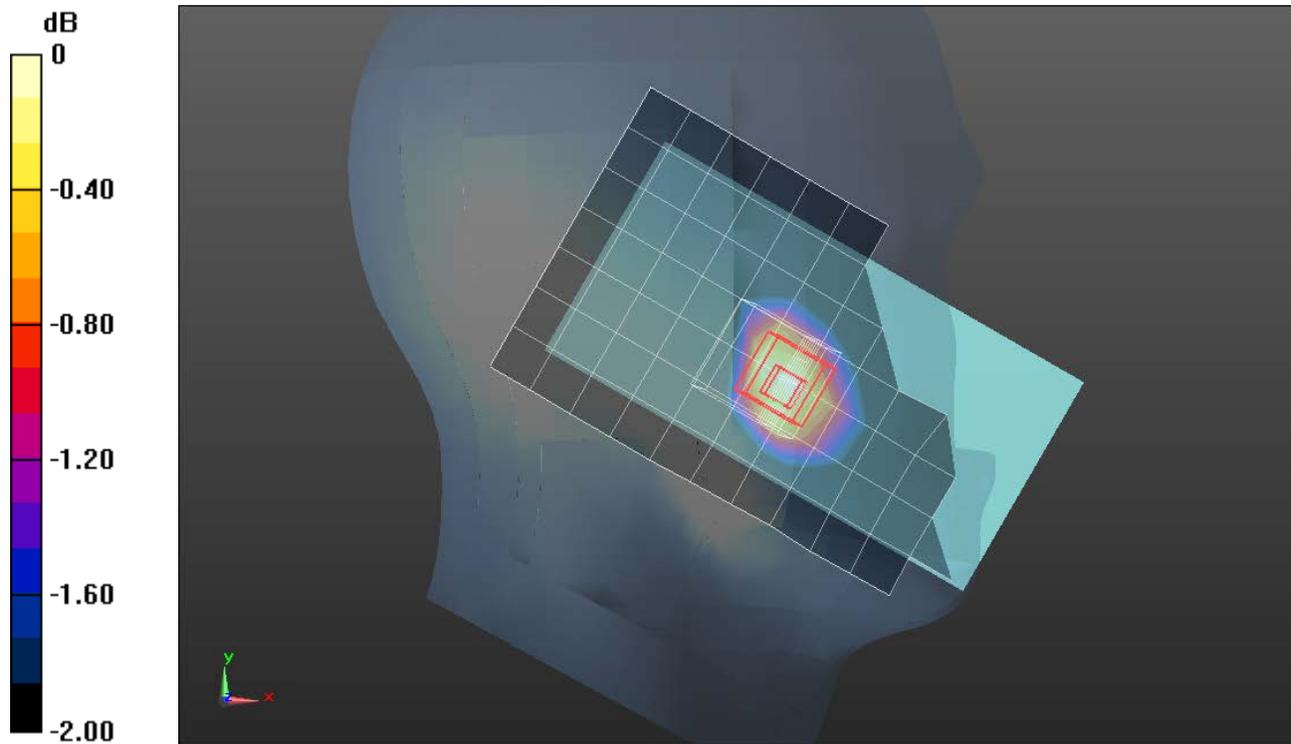
Reference Value = 19.77 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.394 W/kg

SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.240 W/kg

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

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



0 dB = 0.347 W/kg = -4.60 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; $\sigma = 1.004$ S/m; $\epsilon_r = 53.448$; $\rho = 1000$ 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: 4/15/2016
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59); Calibrated: 2/16/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

Rear/QPSK RB 1,0 Ch 20525_15mm/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.357 W/kg

Rear/QPSK RB 1,0 Ch 20525_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

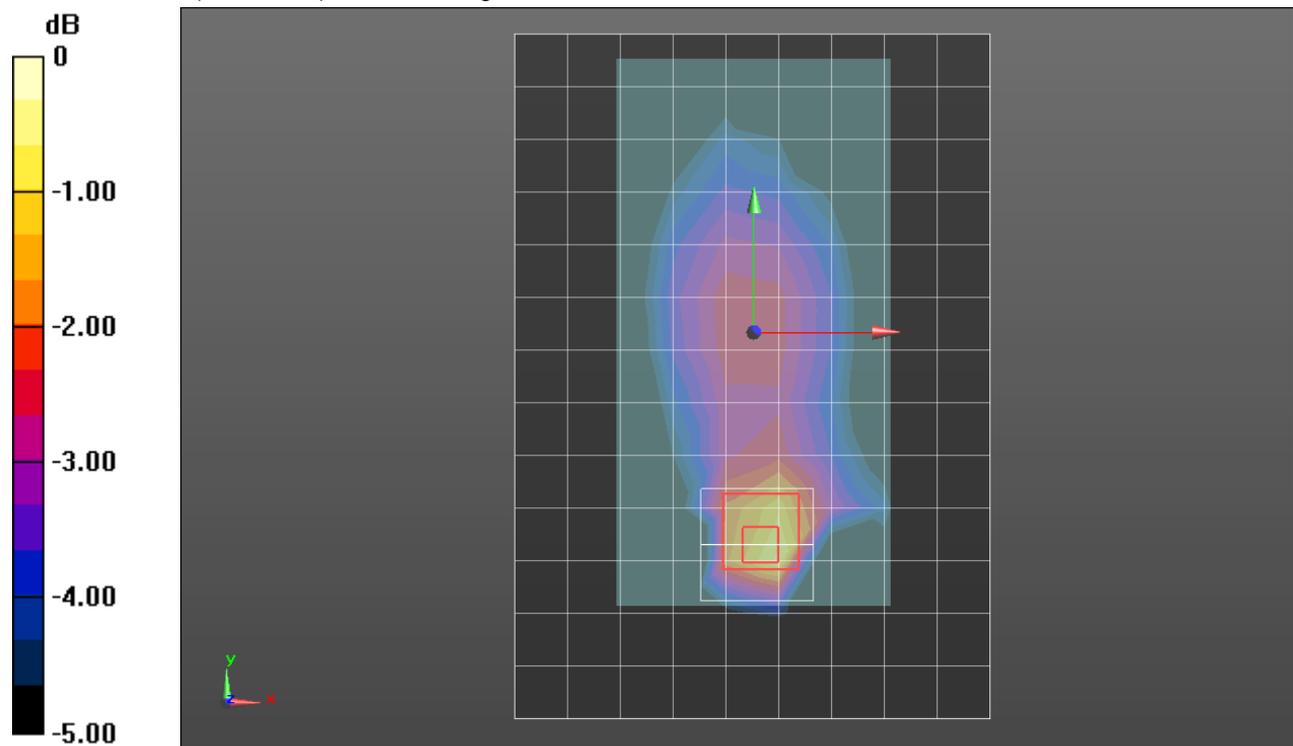
Reference Value = 19.04 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.480 W/kg

SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.219 W/kg

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

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



0 dB = 0.404 W/kg = -3.94 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; $\sigma = 1.004$ S/m; $\epsilon_r = 53.448$; $\rho = 1000$ 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: 4/15/2016
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59); Calibrated: 2/16/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

Rear/QPSK RB 1,0 Ch 20525_10mm/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.728 W/kg

Rear/QPSK RB 1,0 Ch 20525_10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

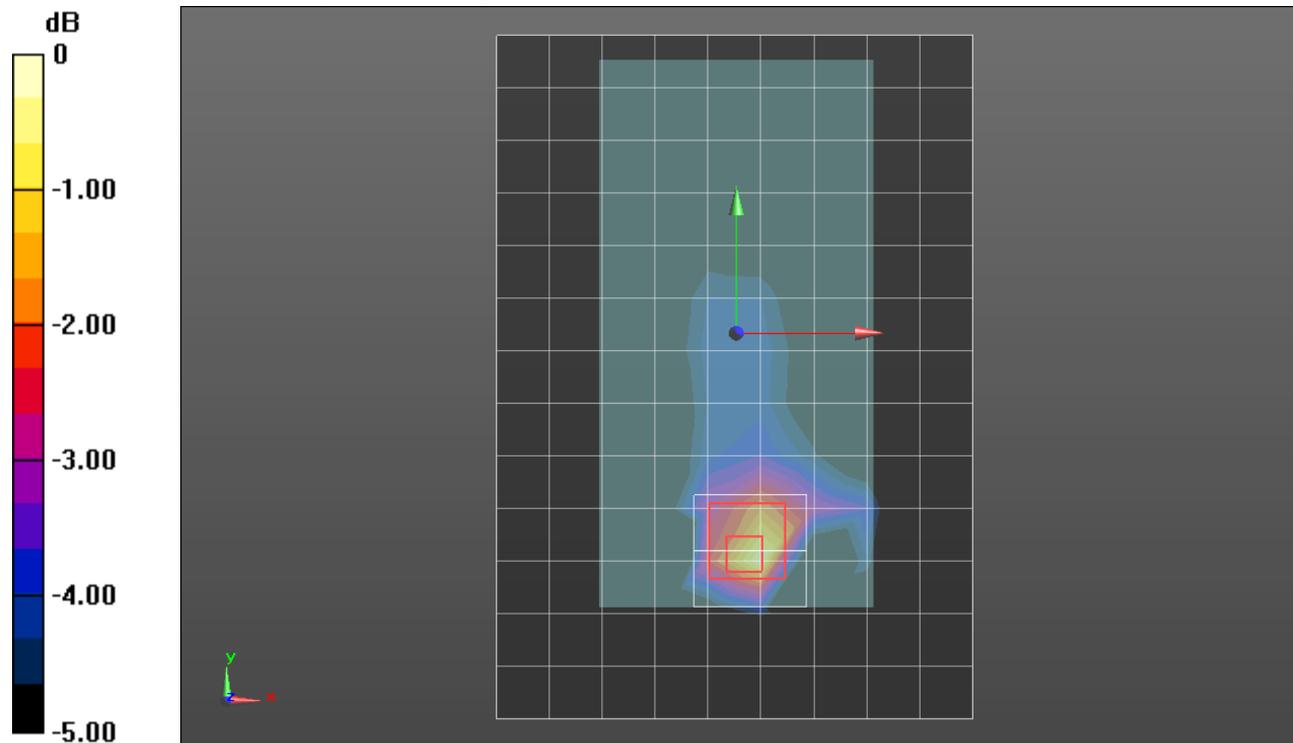
Reference Value = 26.95 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.965 W/kg

SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.388 W/kg

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

Maximum value of SAR (measured) = 0.775 W/kg



0 dB = 0.775 W/kg = -1.11 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: $f = 2535 \text{ MHz}$; $\sigma = 1.915 \text{ S/m}$; $\epsilon_r = 38.673$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/25/2016
- Probe: EX3DV4 - SN3749; ConvF(6.72, 6.72, 6.72); Calibrated: 1/23/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 A; Type: QD000P40CD; Serial: 1831

RHS/Touch_QPSK RB 1,0 Ch 21100/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.233 W/kg

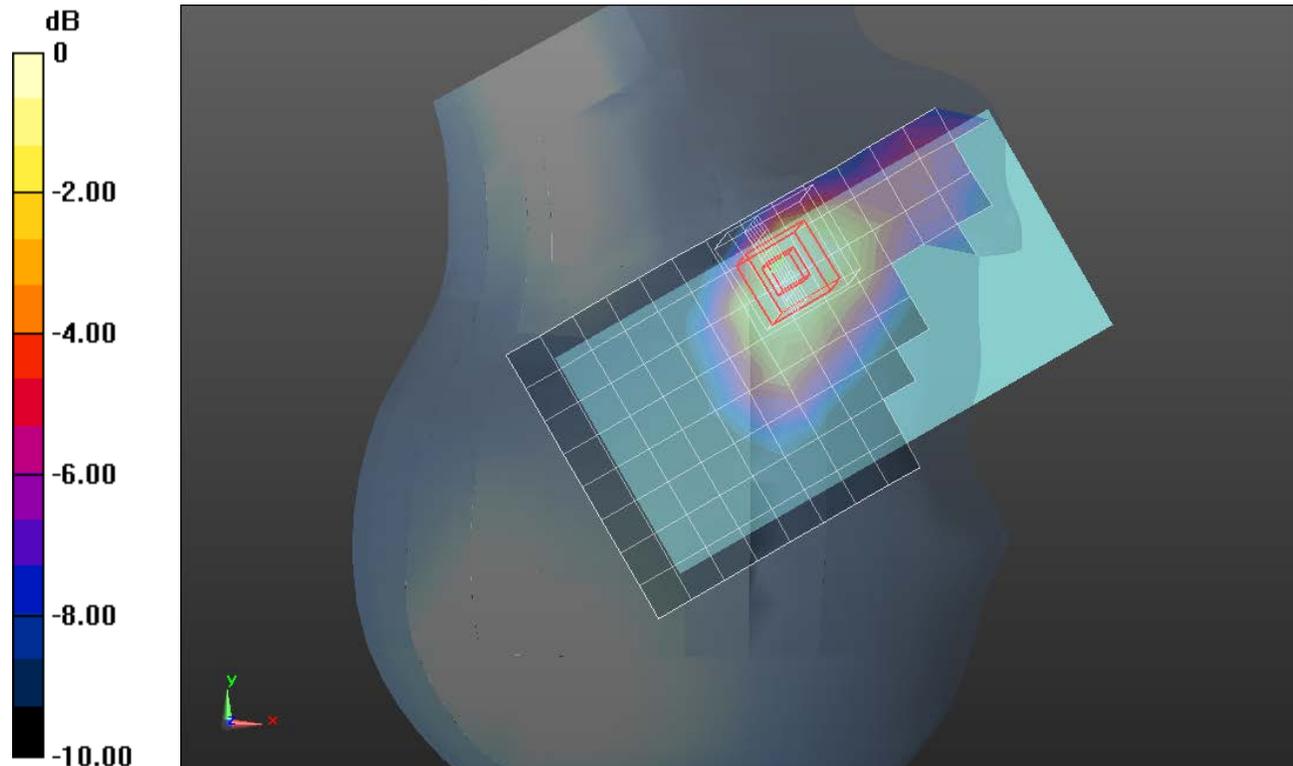
RHS/Touch_QPSK RB 1,0 Ch 21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.52 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.241 W/kg



0 dB = 0.241 W/kg = -6.18 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: $f = 2535 \text{ MHz}$; $\sigma = 2.148 \text{ S/m}$; $\epsilon_r = 52.287$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/25/2016
- Probe: EX3DV4 - SN3749; ConvF(6.78, 6.78, 6.78); Calibrated: 1/23/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

Rear/QPSK RB 1,0 Ch 21100 (15mm)/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.330 W/kg

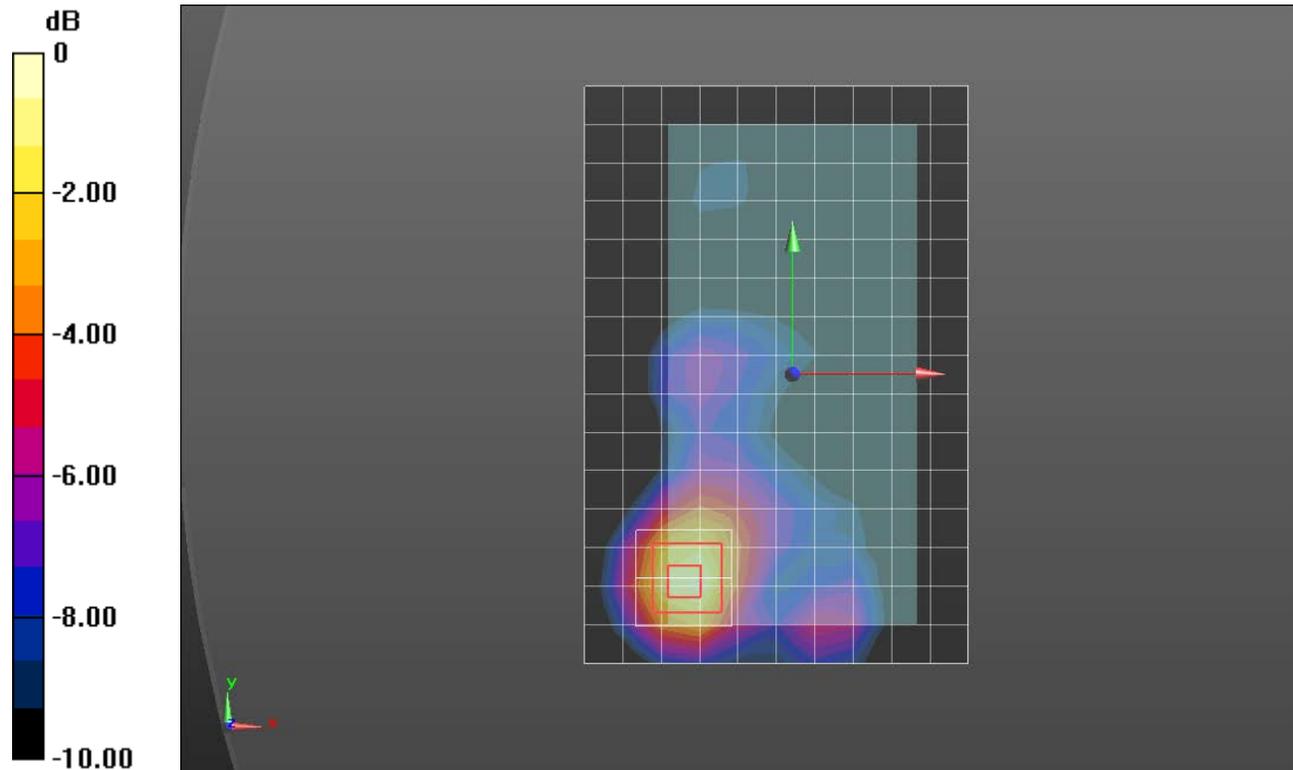
Rear/QPSK RB 1,0 Ch 21100 (15mm)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.50 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.517 W/kg

SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.131 W/kg

Maximum value of SAR (measured) = 0.359 W/kg



0 dB = 0.359 W/kg = -4.45 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: $f = 2535 \text{ MHz}$; $\sigma = 2.148 \text{ S/m}$; $\epsilon_r = 52.287$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/25/2016
- Probe: EX3DV4 - SN3749; ConvF(6.78, 6.78, 6.78); Calibrated: 1/23/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

Rear/QPSK RB 1,0 Ch 21100 (10mm)/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.633 W/kg

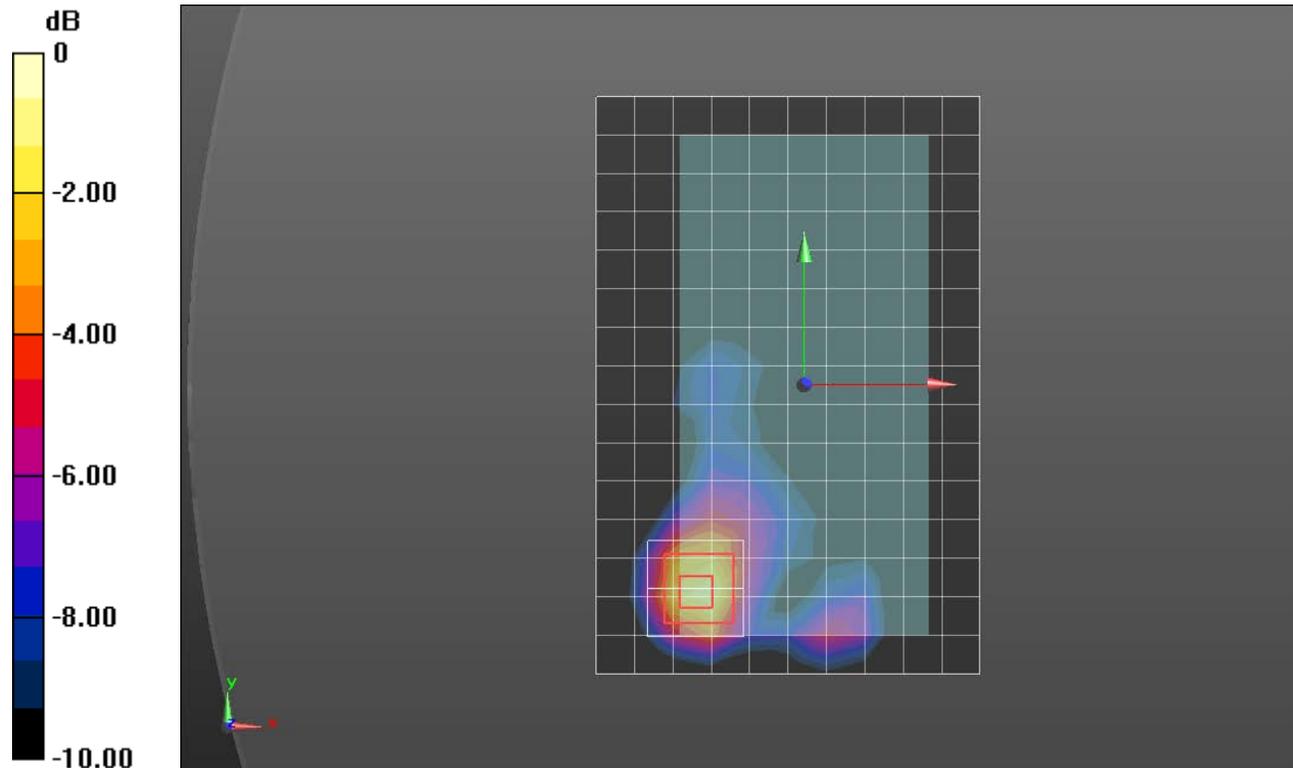
Rear/QPSK RB 1,0 Ch 21100 (10mm)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.36 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.236 W/kg

Maximum value of SAR (measured) = 0.732 W/kg



0 dB = 0.732 W/kg = -1.35 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; $\sigma = 0.859$ S/m; $\epsilon_r = 41.177$; $\rho = 1000$ 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: 9/14/2016
- Probe: EX3DV4 - SN3686; ConvF(9.47, 9.47, 9.47); Calibrated: 8/25/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_QPSK RB 1,0 Ch 23095/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.143 W/kg

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

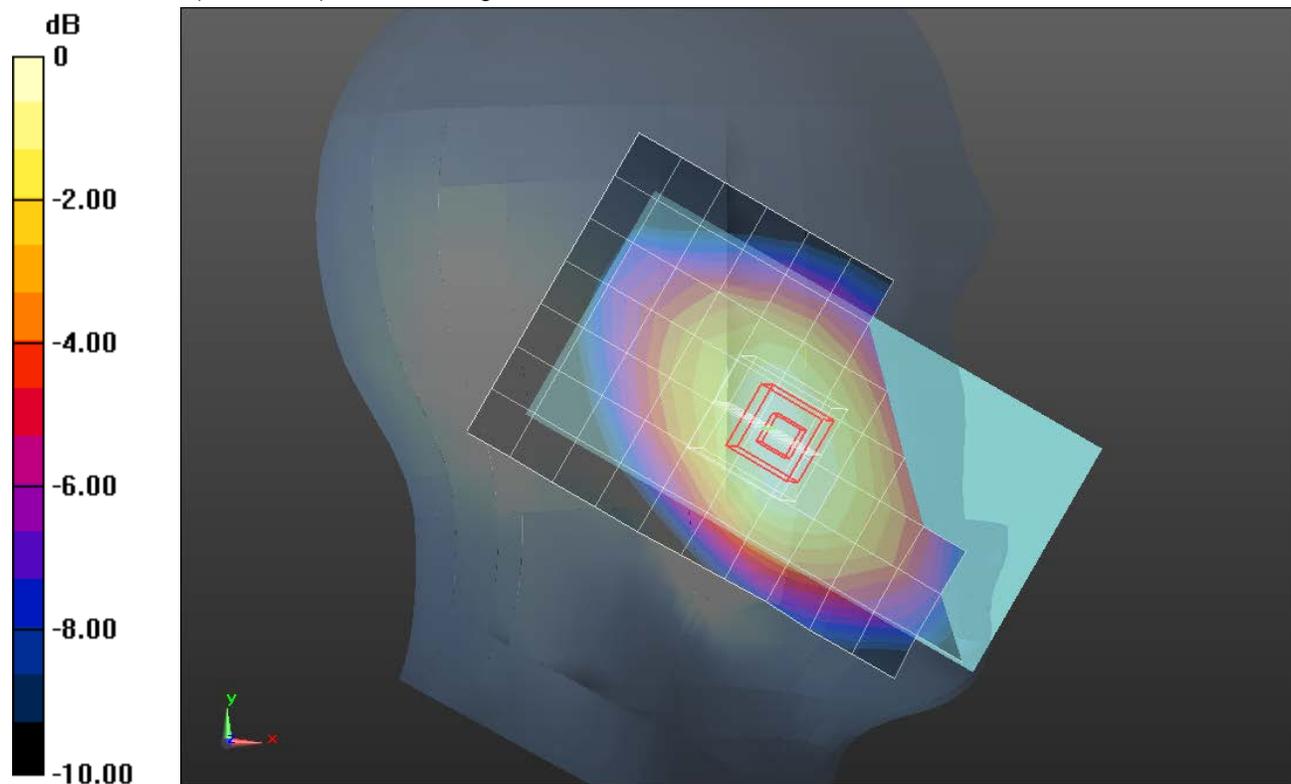
Reference Value = 13.364 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.103 W/kg

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

Maximum value of SAR (measured) = 0.152 W/kg



0 dB = 0.152 W/kg = -8.18 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; $\sigma = 0.927$ S/m; $\epsilon_r = 54.5$; $\rho = 1000$ 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: 9/14/2016
- Probe: EX3DV4 - SN3686; ConvF(9.12, 9.12, 9.12); Calibrated: 8/25/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Rear/QPSK RB 1,0 Ch 23095_15mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

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

Rear/QPSK RB 1,0 Ch 23095_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

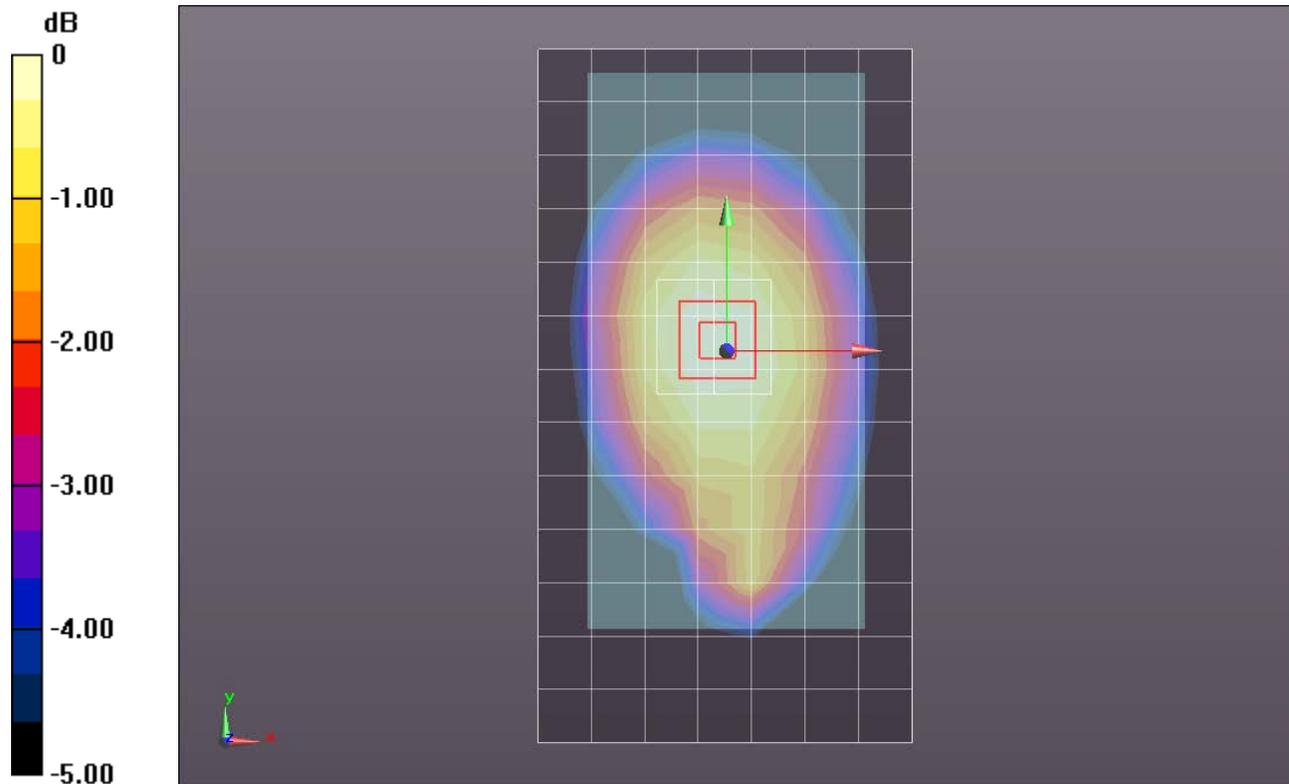
Reference Value = 15.928 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.166 W/kg

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

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



0 dB = 0.235 W/kg = -6.29 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; $\sigma = 0.927$ S/m; $\epsilon_r = 54.5$; $\rho = 1000$ 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: 9/14/2016
- Probe: EX3DV4 - SN3686; ConvF(9.12, 9.12, 9.12); Calibrated: 8/25/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Rear/QPSK RB 1,0 Ch 23095_10mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.280 W/kg

Rear/QPSK RB 1,0 Ch 23095_10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.631 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.165 W/kg

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

Maximum value of SAR (measured) = 0.279 W/kg

Rear/QPSK RB 1,0 Ch 23095_10mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

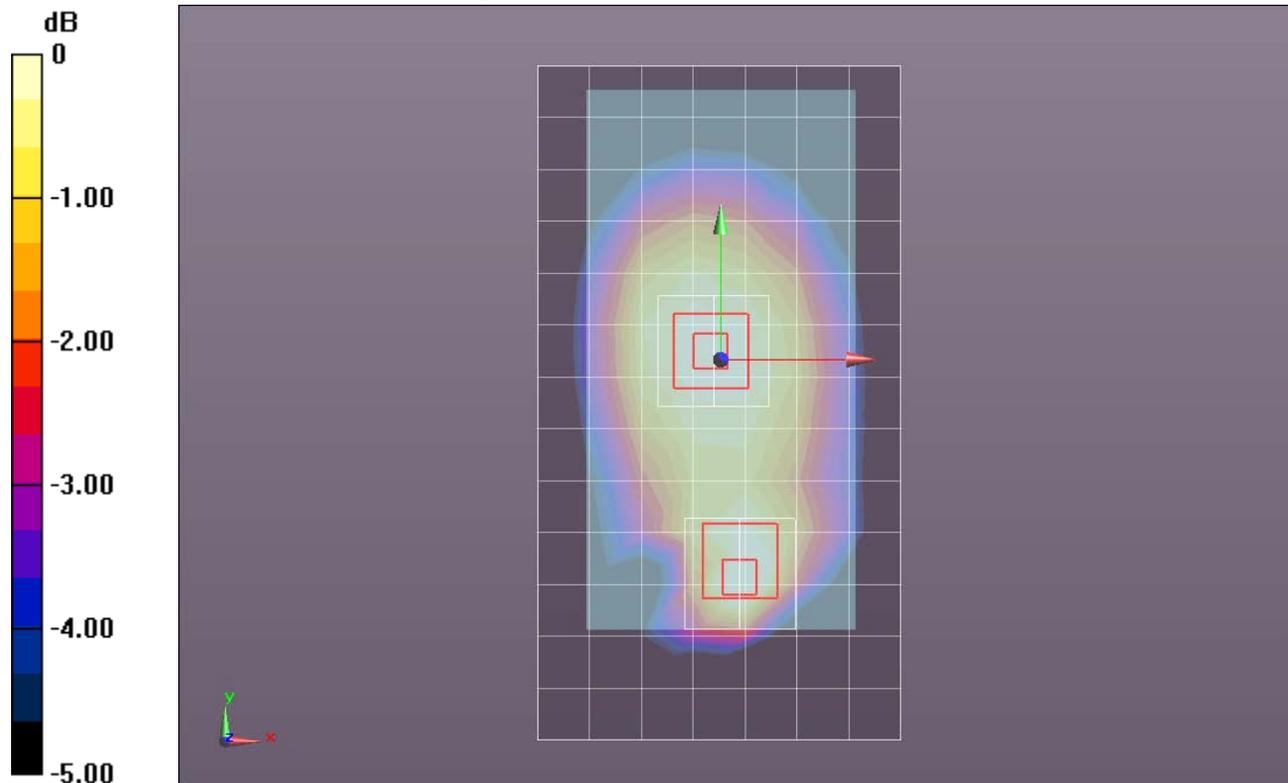
Reference Value = 17.631 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.160 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 13

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.927 \text{ S/m}$; $\epsilon_r = 40.14$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Probe: EX3DV4 - SN3686; ConvF(9.47, 9.47, 9.47); Calibrated: 8/25/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_QPSK RB 1,0 Ch 23230/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.210 W/kg

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

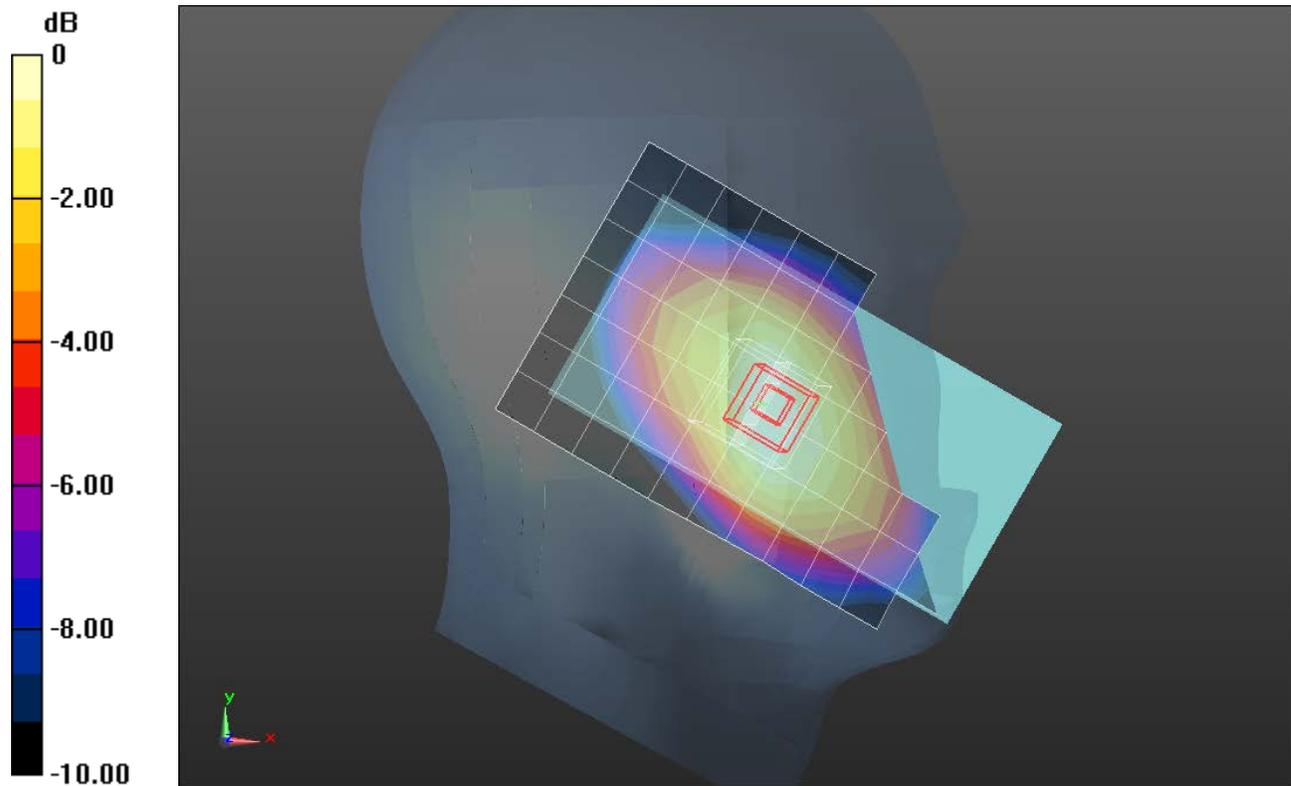
Reference Value = 15.441 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.144 W/kg

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

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



0 dB = 0.218 W/kg = -6.62 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): $f = 782 \text{ MHz}$; $\sigma = 0.998 \text{ S/m}$; $\epsilon_r = 53.752$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Probe: EX3DV4 - SN3686; ConvF(9.12, 9.12, 9.12); Calibrated: 8/25/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Front/QPSK RB 1,0 Ch 23230_15mm/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.232 W/kg

Front/QPSK RB 1,0 Ch 23230_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.413 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.161 W/kg

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

Maximum value of SAR (measured) = 0.234 W/kg

Front/QPSK RB 1,0 Ch 23230_15mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

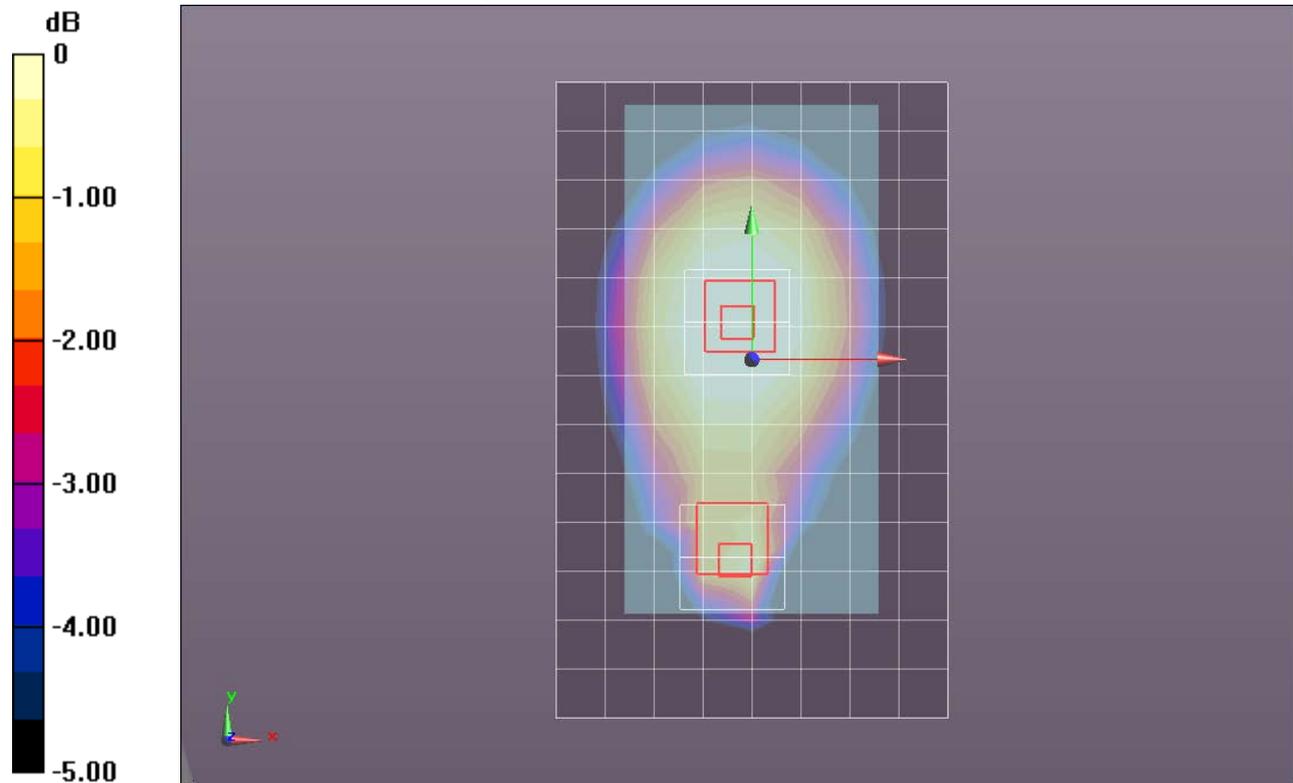
Reference Value = 15.413 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.124 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

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): $f = 782 \text{ MHz}$; $\sigma = 0.998 \text{ S/m}$; $\epsilon_r = 53.752$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Probe: EX3DV4 - SN3686; ConvF(9.12, 9.12, 9.12); Calibrated: 8/25/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Front/QPSK RB 1,0 Ch 23230_10mm/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

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

Front/QPSK RB 1,0 Ch 23230_10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.608 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.190 W/kg

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

Maximum value of SAR (measured) = 0.359 W/kg

Front/QPSK RB 1,0 Ch 23230_10mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

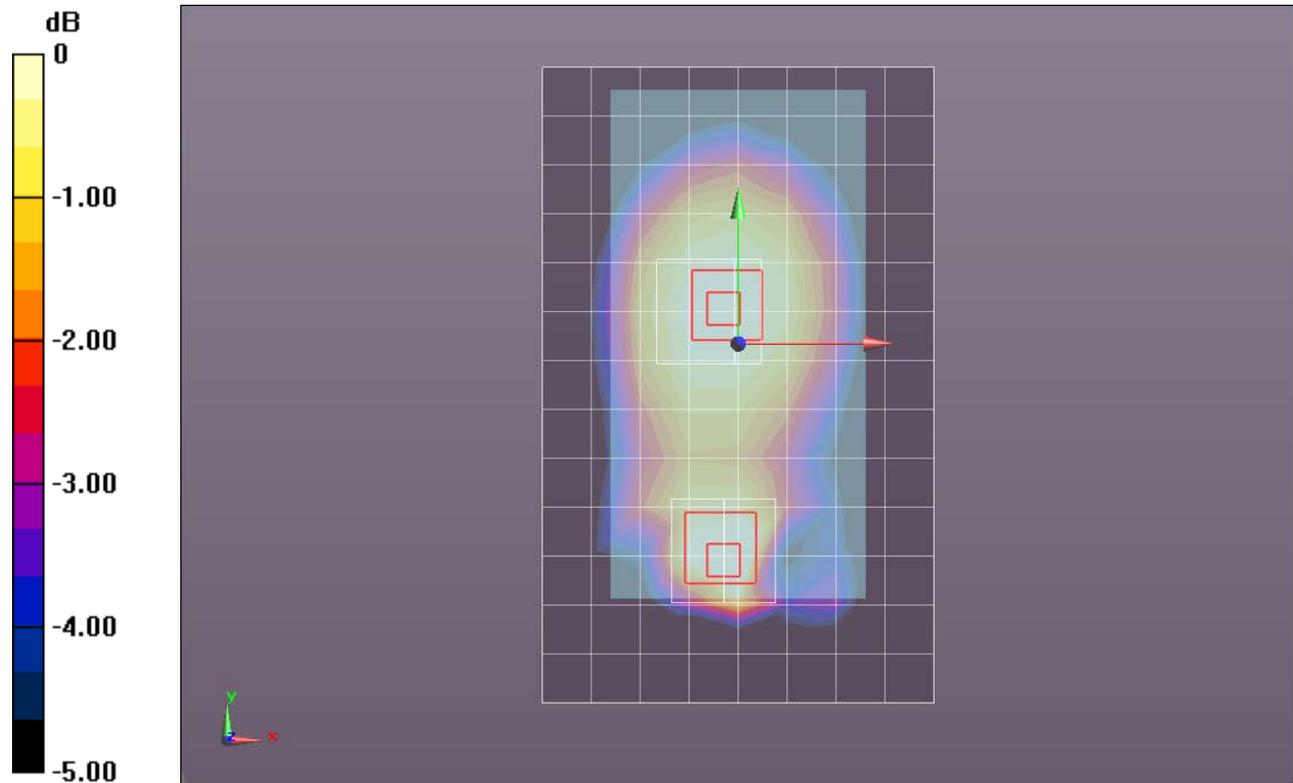
Reference Value = 18.608 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.174 W/kg

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

Maximum value of SAR (measured) = 0.247 W/kg



0 dB = 0.247 W/kg = -6.07 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; $\sigma = 1.978$ S/m; $\epsilon_r = 38.395$; $\rho = 1000$ 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: 7/25/2016
- Probe: EX3DV4 - SN3749; ConvF(6.72, 6.72, 6.72); Calibrated: 1/23/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 A; Type: QD000P40CD; Serial: 1831

RHS/Touch_QPSK RB 1,0 Ch 40620/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.142 W/kg

RHS/Touch_QPSK RB 1,0 Ch 40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

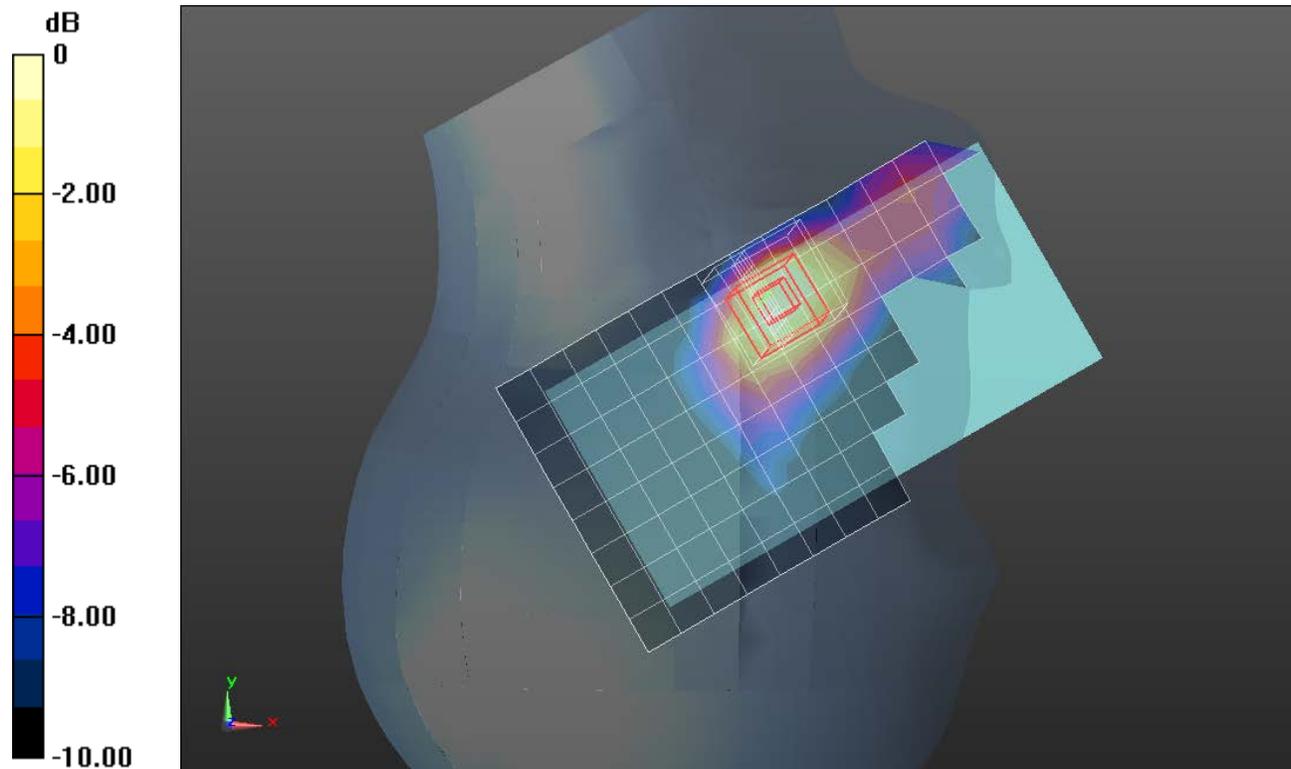
Reference Value = 8.880 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.061 W/kg

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

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



0 dB = 0.157 W/kg = -8.04 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; $\sigma = 2.228$ S/m; $\epsilon_r = 52.017$; $\rho = 1000$ 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: 7/25/2016
- Probe: EX3DV4 - SN3749; ConvF(6.78, 6.78, 6.78); Calibrated: 1/23/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

Rear/QPSK RB 1,0 Ch 40620 (15mm)/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

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

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

Rear/QPSK RB 1,0 Ch 40620 (15mm)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

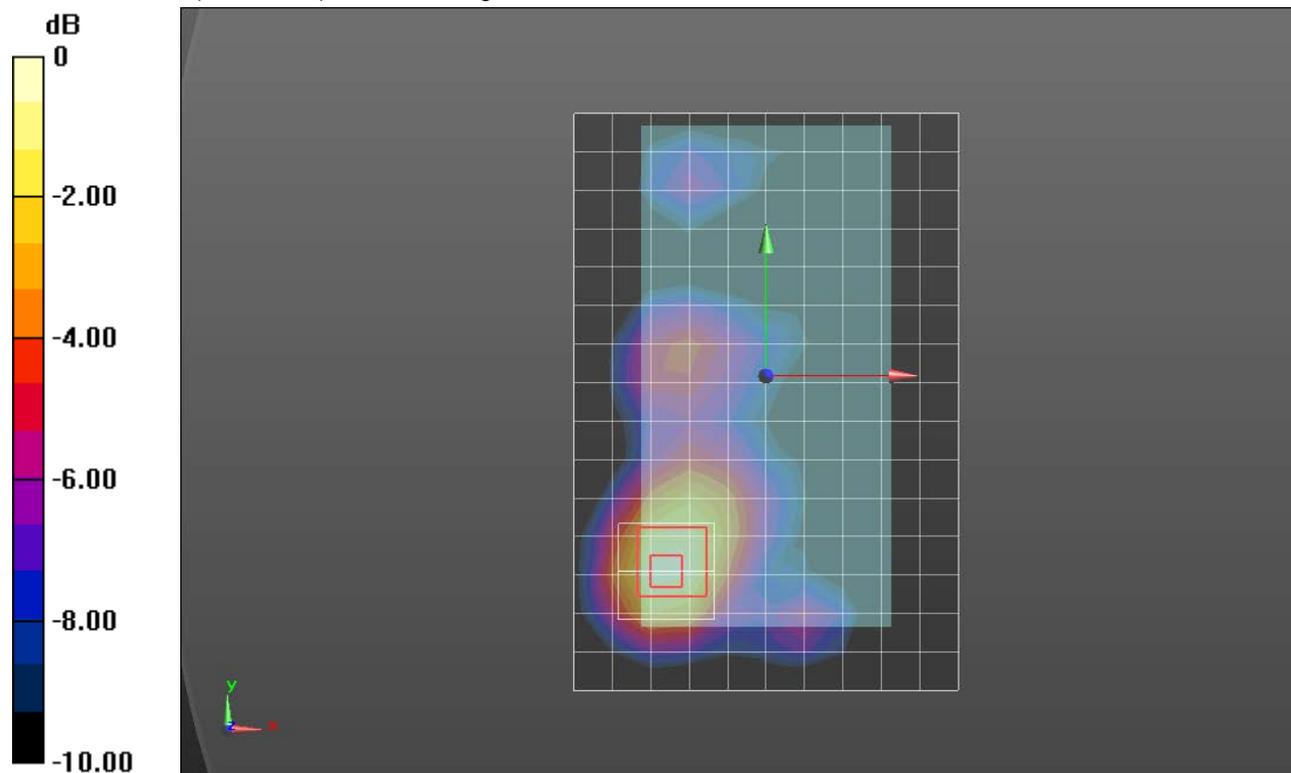
Reference Value = 8.760 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.067 W/kg

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

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



0 dB = 0.174 W/kg = -7.59 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; $\sigma = 2.228$ S/m; $\epsilon_r = 52.017$; $\rho = 1000$ 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: 7/25/2016
- Probe: EX3DV4 - SN3749; ConvF(6.78, 6.78, 6.78); Calibrated: 1/23/2017;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

Rear/QPSK RB 1,0 Ch 40620 (10mm)/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.348 W/kg

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

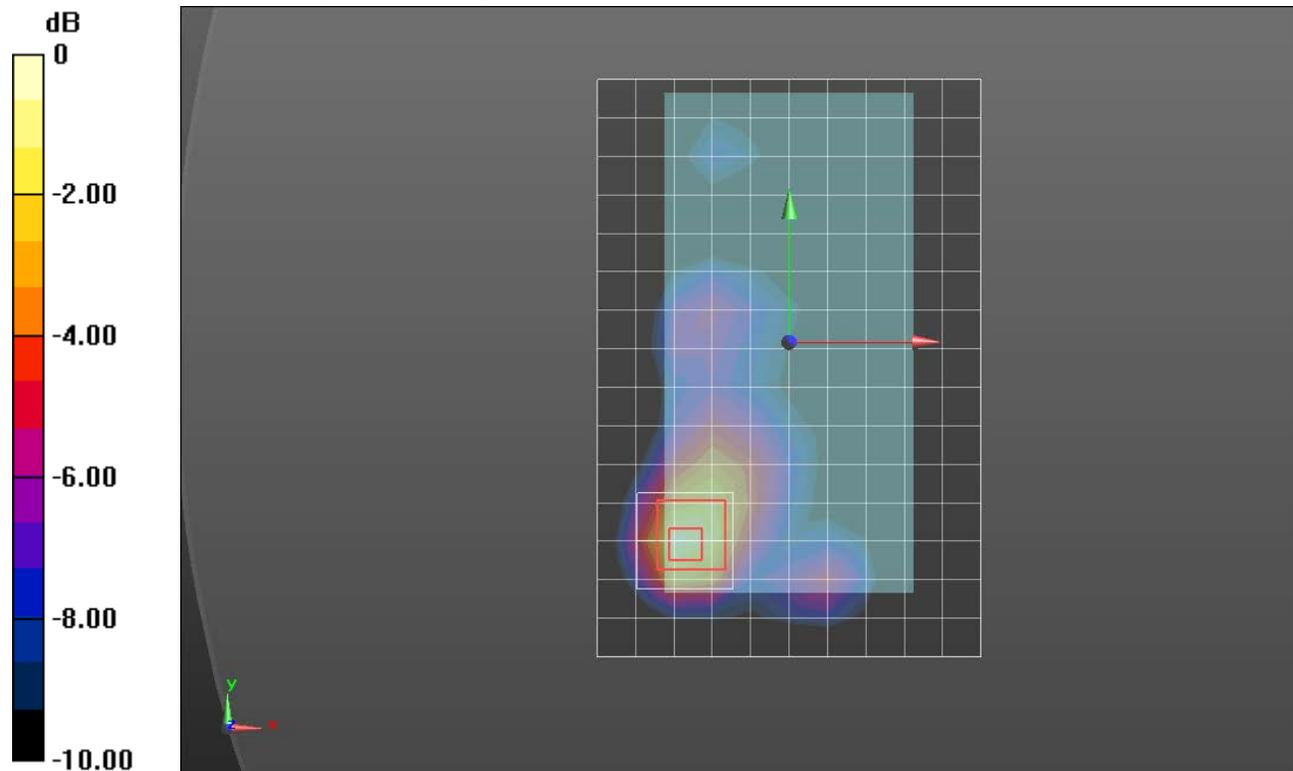
Reference Value = 12.75 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.563 W/kg

SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.125 W/kg

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

Maximum value of SAR (measured) = 0.372 W/kg



0 dB = 0.372 W/kg = -4.29 dBW/kg

Wi-Fi 2.4GHz Chain 1

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; $\sigma = 1.856$ S/m; $\epsilon_r = 40.154$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/10/2017
- Probe: EX3DV4 - SN3936; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: 1772

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

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

Maximum value of SAR (measured) = 1.32 W/kg

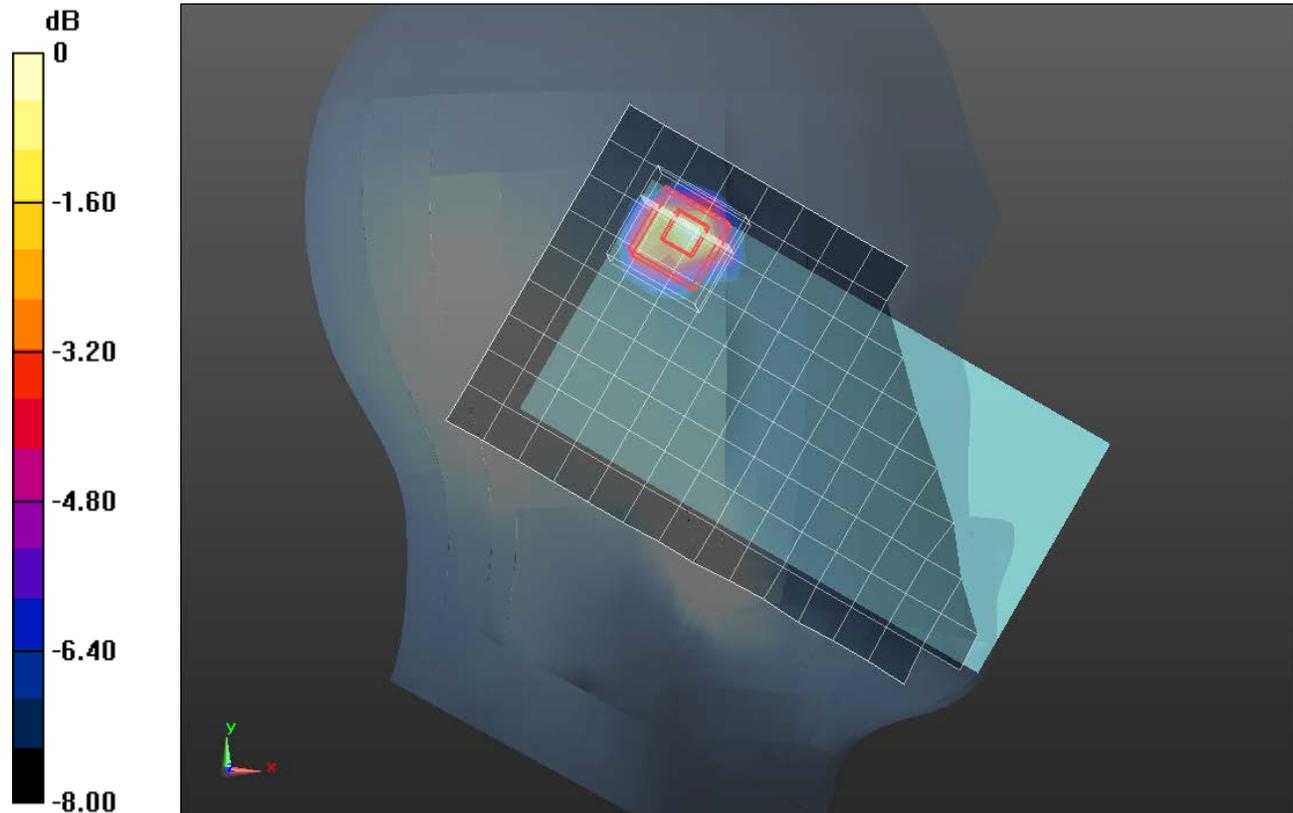
LHS/Touch_802.11b_ch 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.39 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.890 W/kg; SAR(10 g) = 0.384 W/kg

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



0 dB = 1.32 W/kg = 1.21 dBW/kg

Wi-Fi 2.4GHz Chain 1

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.026$ S/m; $\epsilon_r = 50.955$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/10/2017
- Probe: EX3DV4 - SN3936; ConvF(7.3, 7.3, 7.3); Calibrated: 7/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Rear/802.11b_ch 6_15mm/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.0768 W/kg

Rear/802.11b_ch 6_15mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

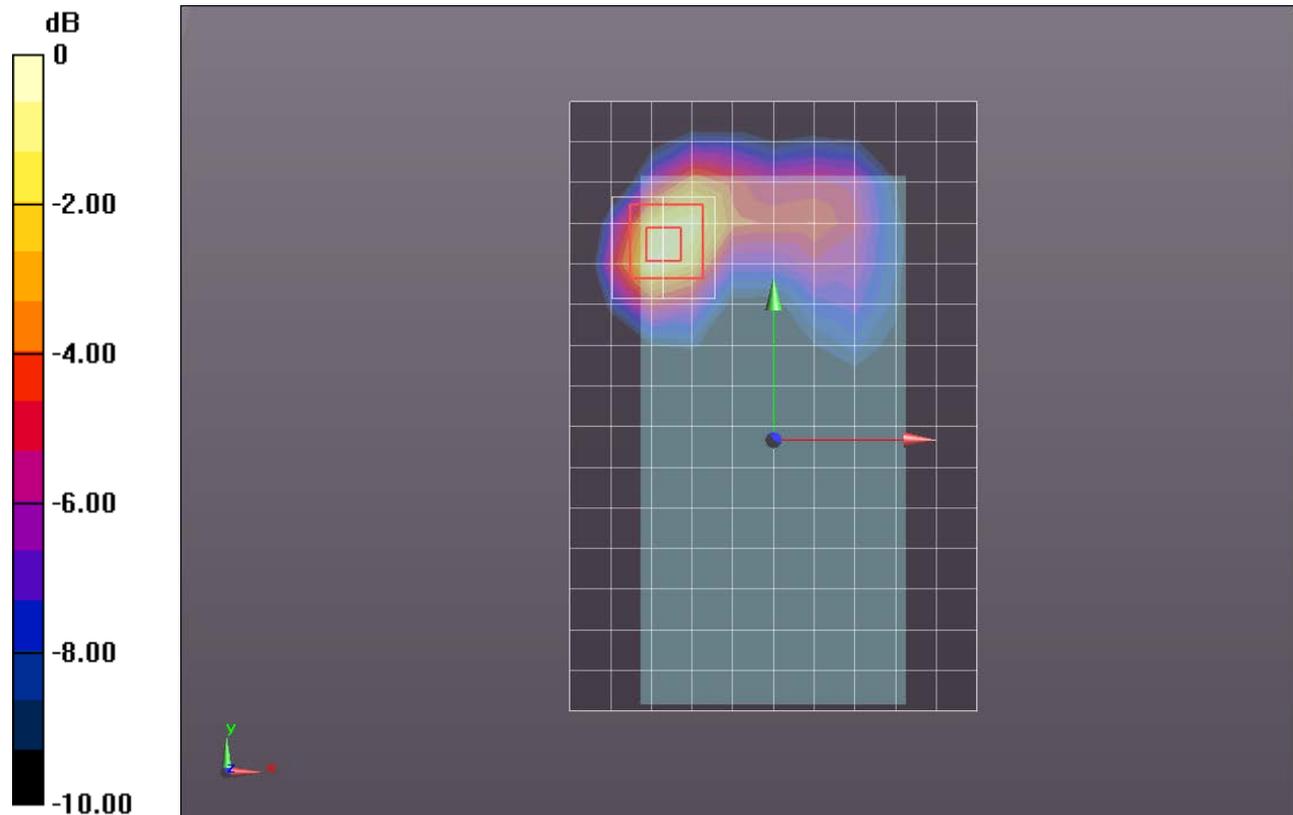
Reference Value = 6.164 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.028 W/kg

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

Maximum value of SAR (measured) = 0.0870 W/kg



0 dB = 0.0870 W/kg = -10.60 dBW/kg

Wi-Fi 2.4GHz Chain 1

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2437 \text{ MHz}$; $\sigma = 2.026 \text{ S/m}$; $\epsilon_r = 50.955$; $\rho = 1000 \text{ kg/m}^3$
 DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/10/2017
- Probe: EX3DV4 - SN3936; ConvF(7.3, 7.3, 7.3); Calibrated: 7/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Rear/802.11b_ch 6_10mm/Area Scan (11x16x1):

Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.181 W/kg

Rear/802.11b_ch 6_10mm/Zoom Scan (7x7x7)/Cube 0:

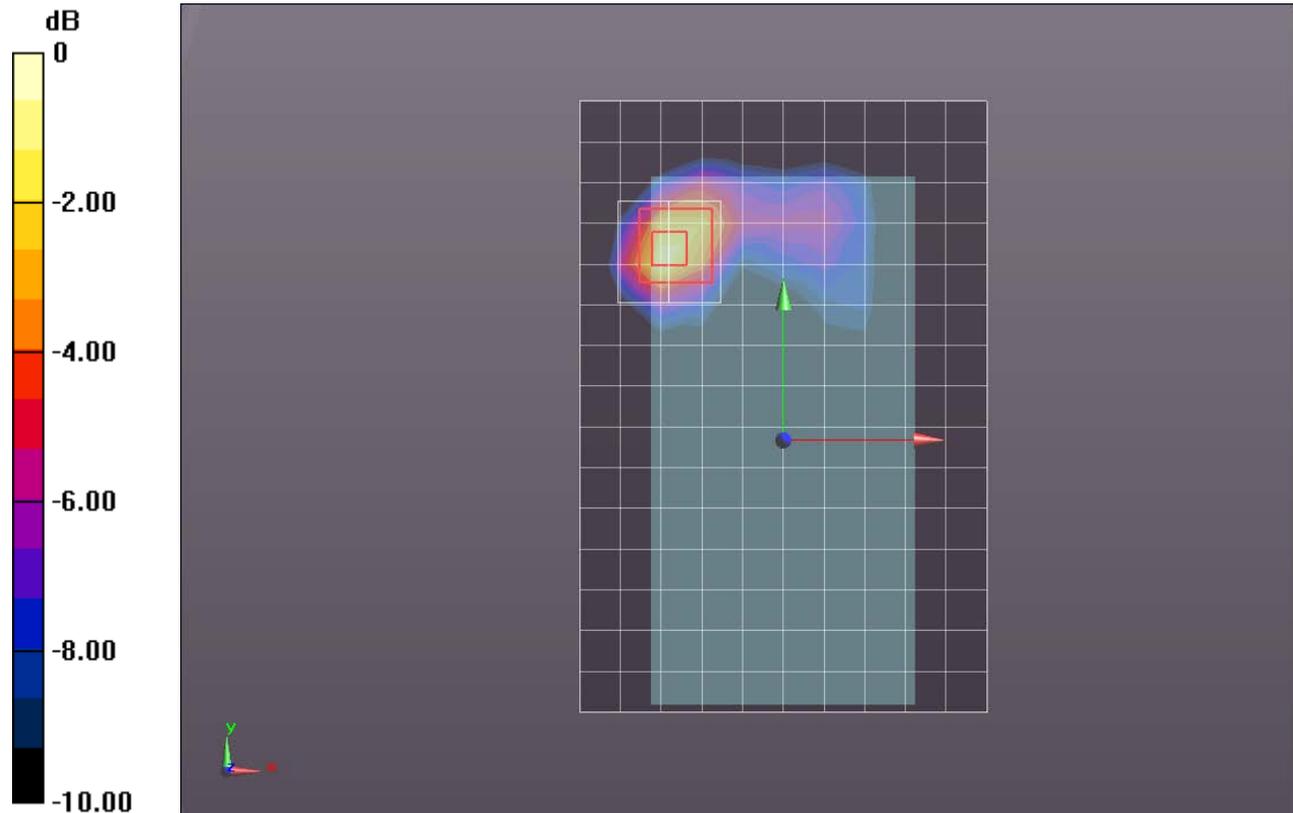
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 9.590 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.315 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.062 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

5GHz

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5290$ MHz; $\sigma = 4.594$ S/m; $\epsilon_r = 37.092$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/19/2016
- Probe: EX3DV4 - SN3902; ConvF(5.21, 5.21, 5.21); Calibrated: 5/17/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM v4.0(A); Type: QD000P40CD; Serial: 1632

RHS/Touch_802.11ac VHT80_Ch 58 Chain 0/Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.28 W/kg

RHS/Touch_802.11ac VHT80_Ch 58 Chain 0/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

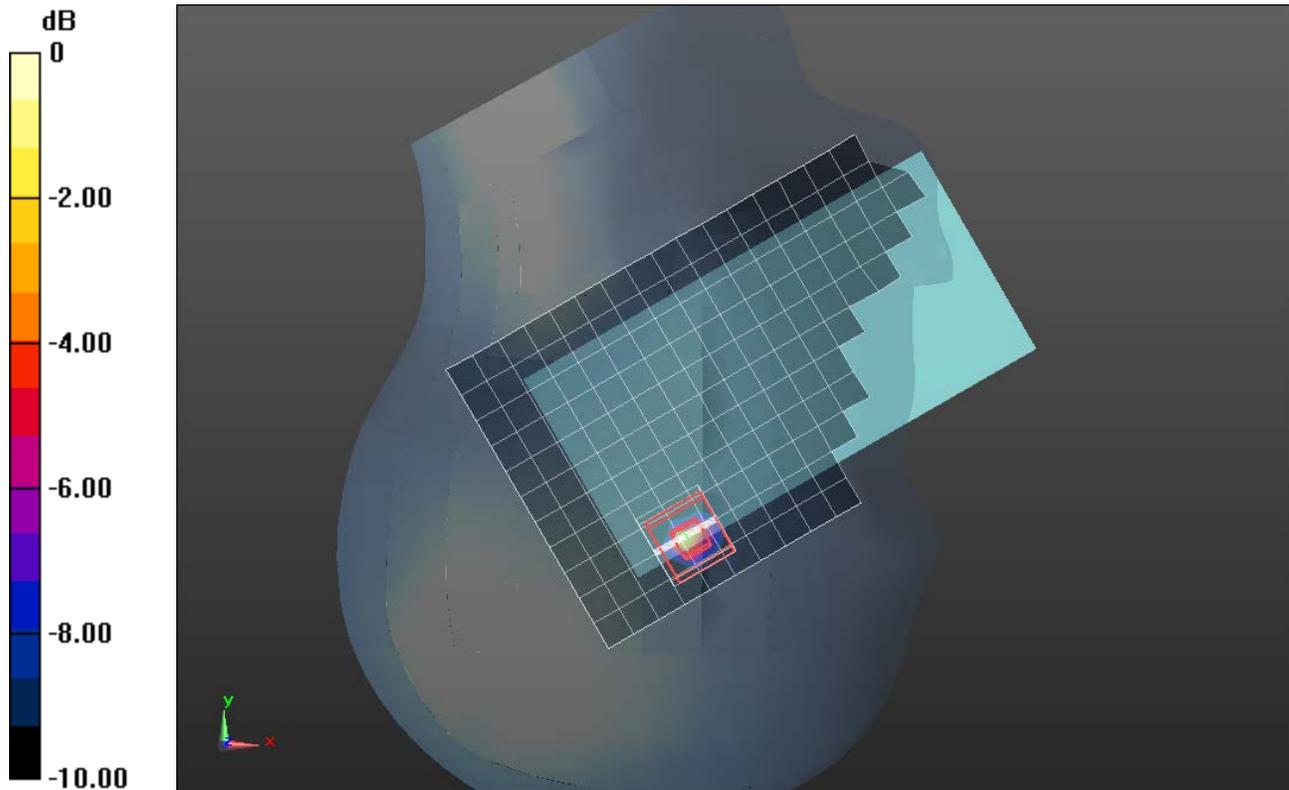
dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.626 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

5GHz

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5290 \text{ MHz}$; $\sigma = 5.208 \text{ S/m}$; $\epsilon_r = 46.951$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/19/2016
- Probe: EX3DV4 - SN3902; ConvF(4.42, 4.42, 4.42); Calibrated: 5/17/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Rear/802.11ac VHT80_Ch 58 Chain 0/Area Scan (15x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.139 W/kg

Rear/802.11ac VHT80_Ch 58 Chain 0/Zoom Scan Chain 0 (9x9x12)/Cube 0: Measurement grid:

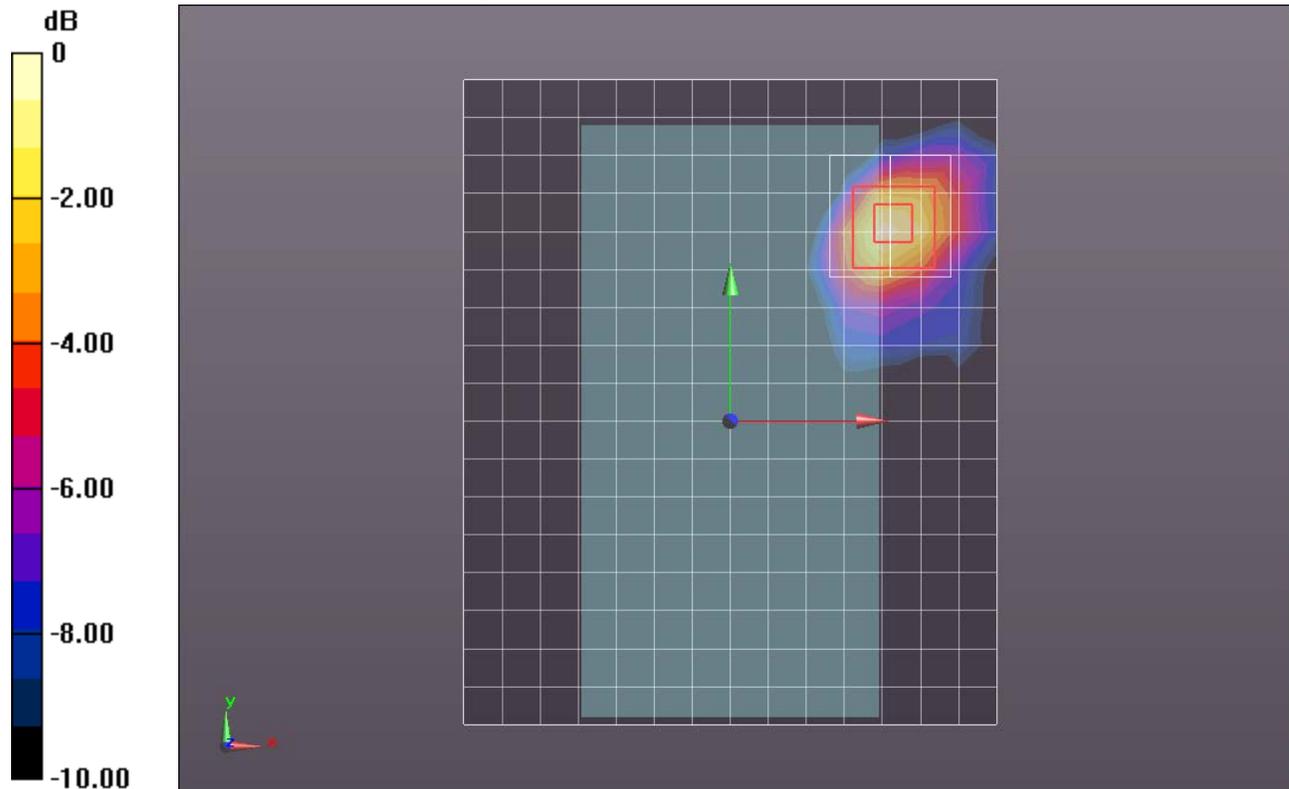
dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.113 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.146 W/kg = -8.36 dBW/kg

5GHz

Frequency: 5690 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5690$ MHz; $\sigma = 5.095$ S/m; $\epsilon_r = 36.363$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/19/2016
- Probe: EX3DV4 - SN3902; ConvF(4.38, 4.38, 4.38); Calibrated: 5/17/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM v4.0(A); Type: QD000P40CD; Serial: 1632

RHS/Touch_802.11ac VHT80_Ch 138 Chain 0/Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.42 W/kg

RHS/Touch_802.11ac VHT80_Ch 138 Chain 0/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

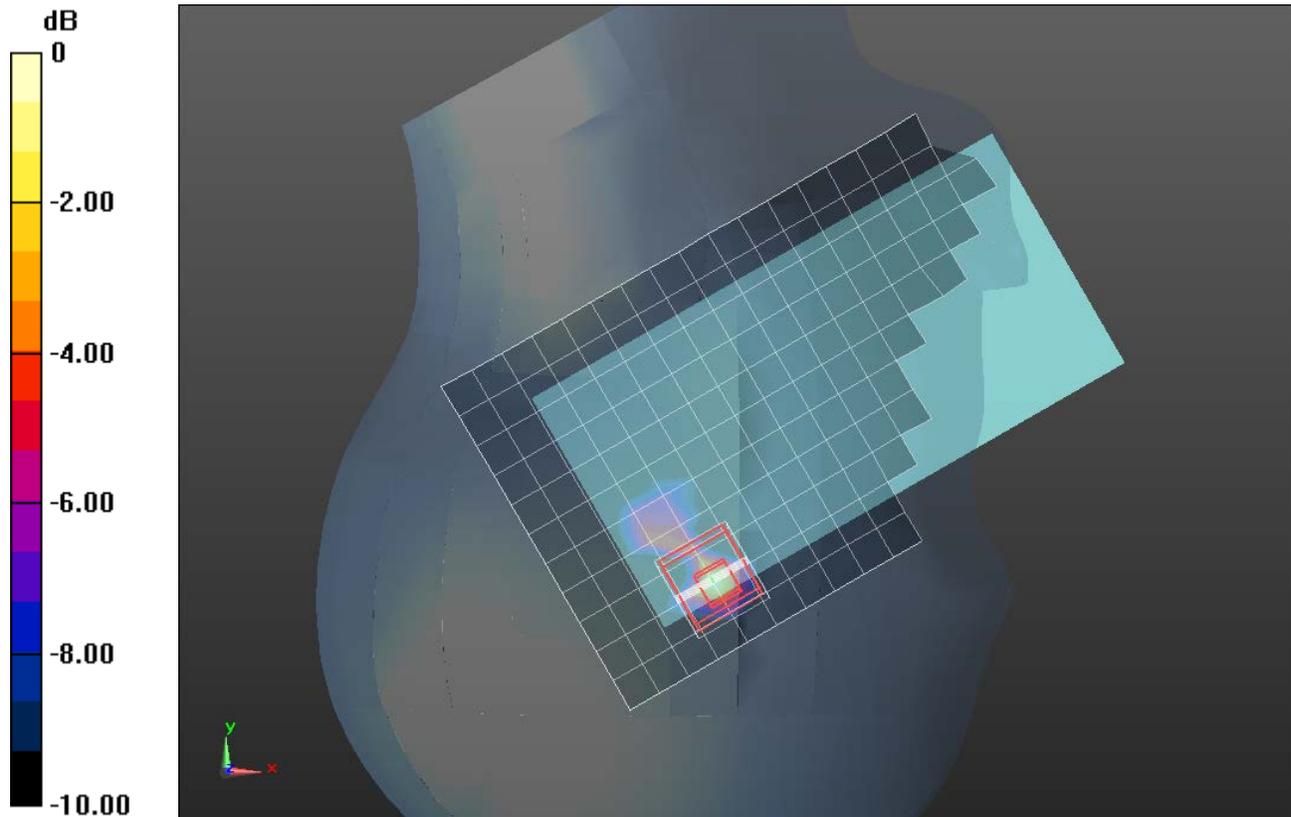
dx=4mm, dy=4mm, dz=2mm

Reference Value = 16.283 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.97 W/kg

SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

5GHz

Frequency: 5690 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5690$ MHz; $\sigma = 5.82$ S/m; $\epsilon_r = 46.594$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/19/2016
- Probe: EX3DV4 - SN3902; ConvF(3.69, 3.69, 3.69); Calibrated: 5/17/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Rear/802.11ac VHT80_Ch 138 Chain 0 (15mm)/Area Scan (15x18x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.155 W/kg

Rear/802.11ac VHT80_Ch 138 Chain 0 (15mm)/Zoom Scan Chain 0 (11x9x12)/Cube 0:

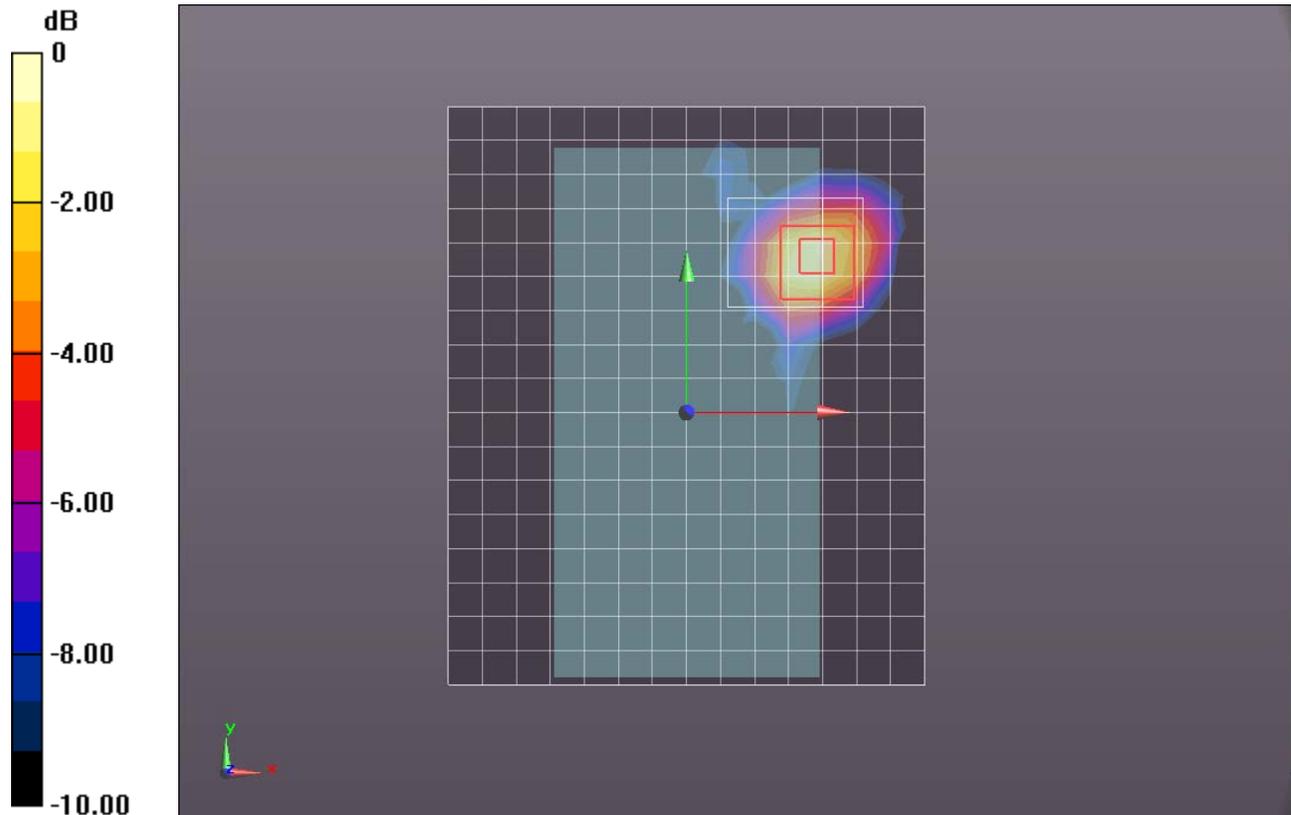
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.245 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.175 W/kg



0 dB = 0.175 W/kg = -7.57 dBW/kg

5GHz

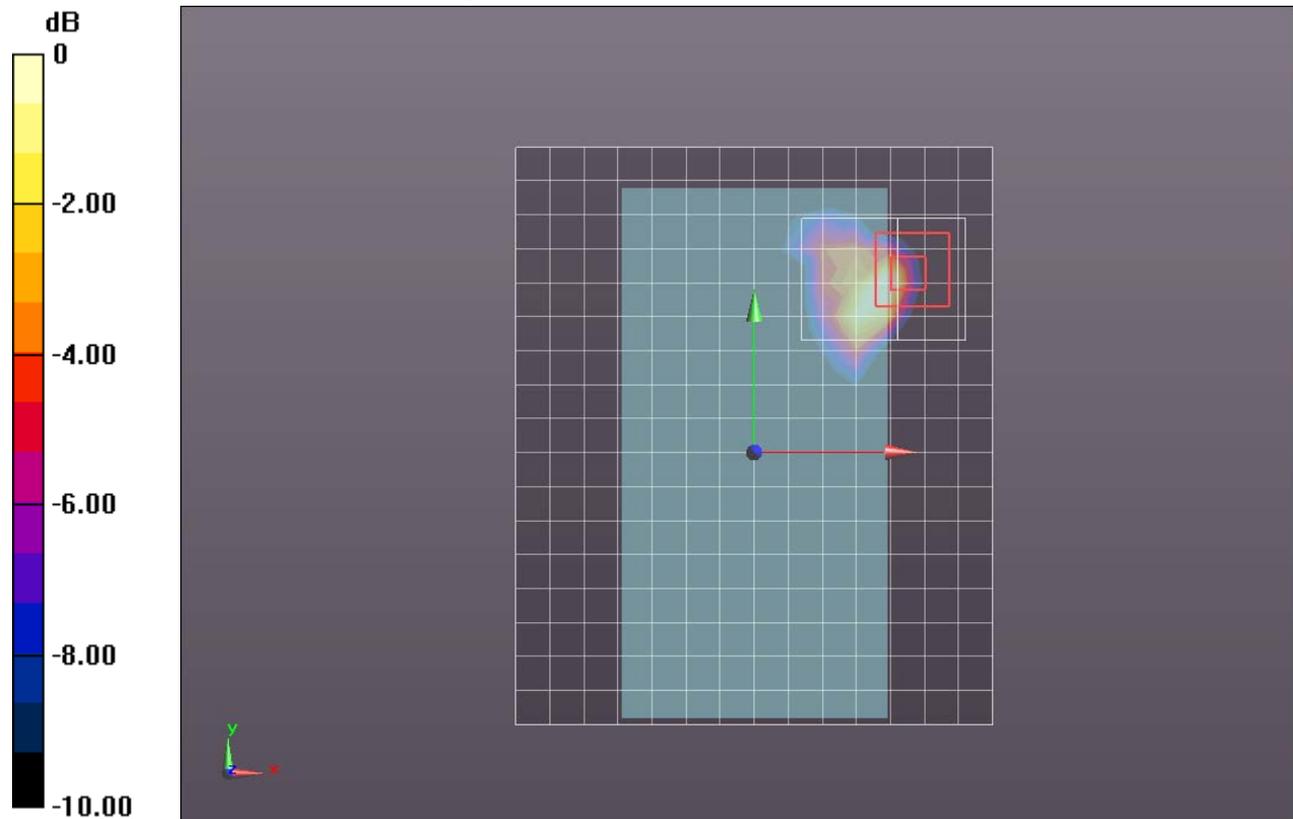
Frequency: 5690 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5690$ MHz; $\sigma = 5.707$ S/m; $\epsilon_r = 46.268$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/19/2016
- Probe: EX3DV4 - SN3902; ConvF(3.69, 3.69, 3.69); Calibrated: 5/17/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Rear/802.11ac VHT80_Ch 138 Chain 0 (0mm)/Area Scan (15x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 9.09 W/kg

Rear/802.11ac VHT80_Ch 138 Chain 0 (0mm)/Zoom Scan Chain 0 (13x10x12)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 21.275 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 15.7 W/kg
SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.213 W/kg
Maximum value of SAR (measured) = 6.36 W/kg



0 dB = 6.36 W/kg = 8.03 dBW/kg

5GHz

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

Medium parameters used: $f = 5775$ MHz; $\sigma = 5.103$ S/m; $\epsilon_r = 36.364$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/19/2016
- Probe: EX3DV4 - SN3902; ConvF(4.82, 4.82, 4.82); Calibrated: 5/17/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM v4.0(A); Type: QD000P40CD; Serial: 1632

RHS/Touch_802.11ac VHT80_Ch 155 Chain 0/Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm

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

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

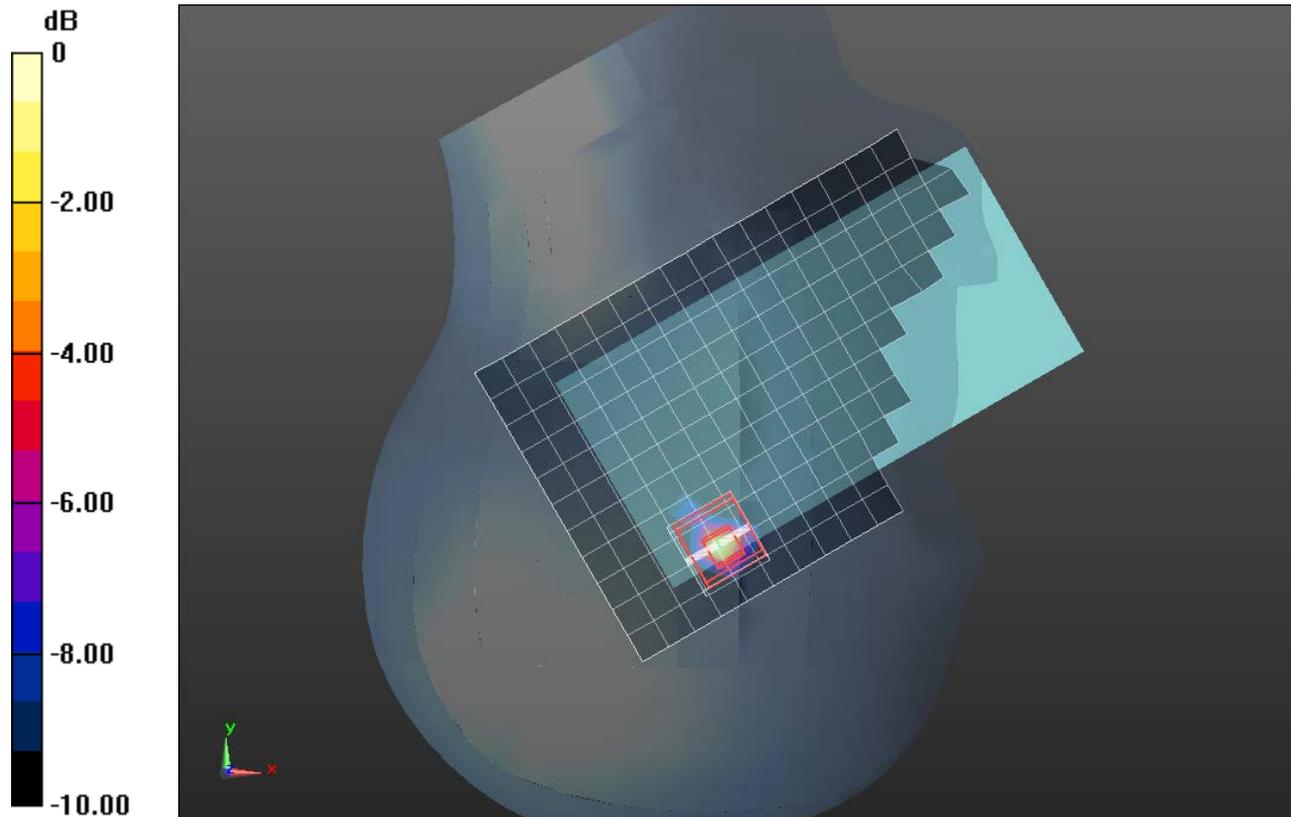
dx=4mm, dy=4mm, dz=2mm

Reference Value = 13.374 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.60 W/kg

SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

5GHz

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 5.822 \text{ S/m}$; $\epsilon_r = 46.088$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/19/2016
- Probe: EX3DV4 - SN3902; ConvF(3.95, 3.95, 3.95); Calibrated: 5/17/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Rear/802.11ac VHT80_Ch 155 Chain 0/Area Scan (15x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.146 W/kg

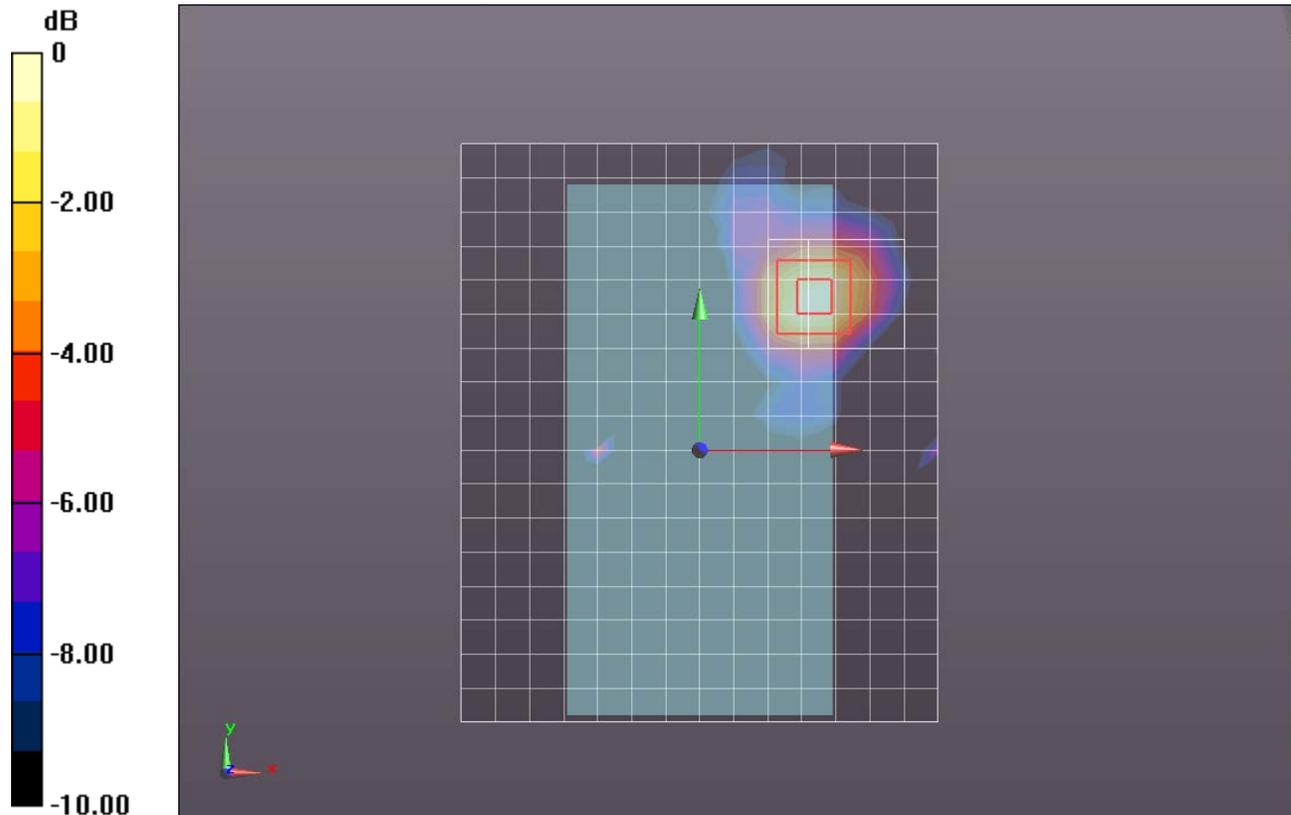
Rear/802.11ac VHT80_Ch 155 Chain 0/Zoom Scan Chain 0 (11x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.758 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.154 W/kg



0 dB = 0.154 W/kg = -8.12 dBW/kg

5GHz

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

Medium parameters used: $f = 5775$ MHz; $\sigma = 5.936$ S/m; $\epsilon_r = 46.465$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/19/2016
- Probe: EX3DV4 - SN3902; ConvF(3.95, 3.95, 3.95); Calibrated: 5/17/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Front/802.11ac VHT80_Ch 155 Chain 0 (0mm)/Area Scan (15x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.67 W/kg

Front/802.11ac VHT80_Ch 155 Chain 0 (0mm)/Zoom Scan Chain 0 (11x9x12)/Cube 0:

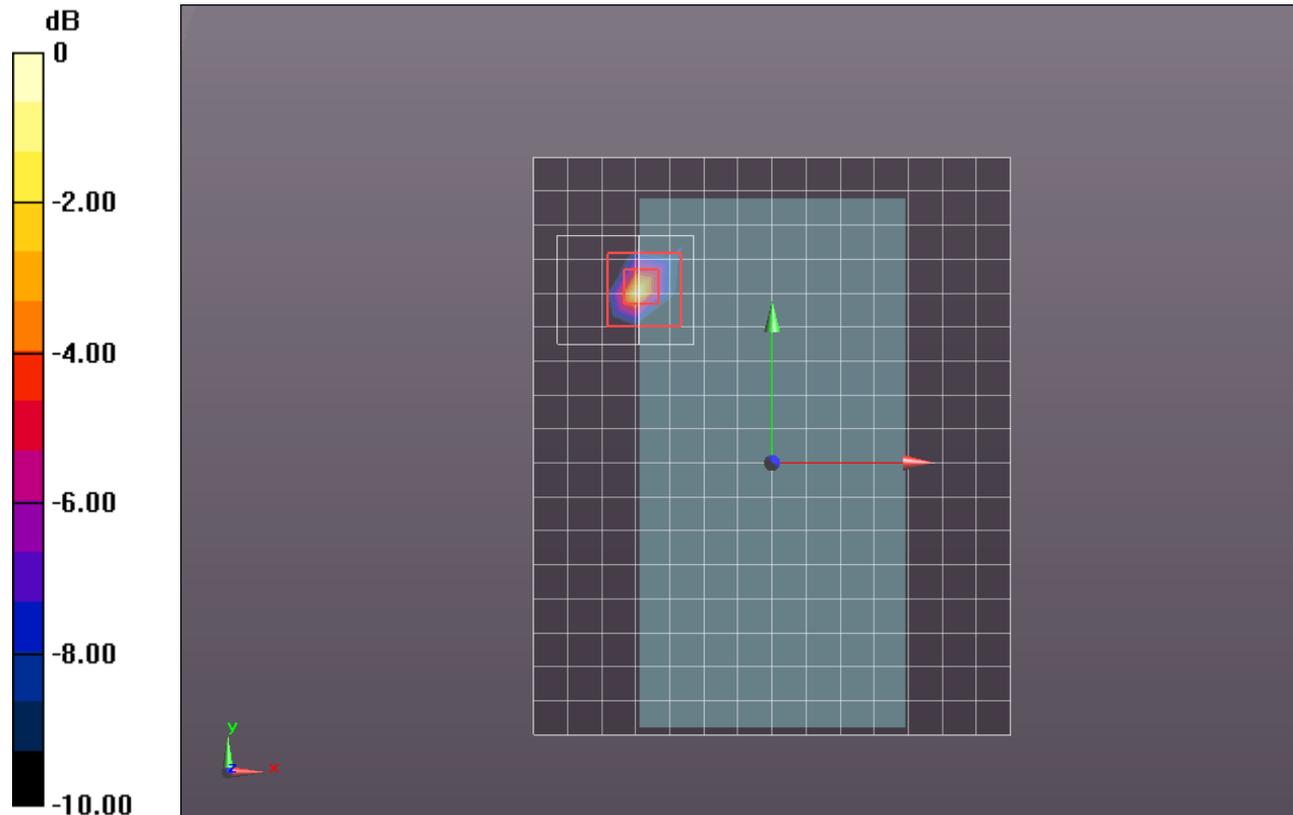
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 20.846 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 6.47 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (measured) = 2.82 W/kg



0 dB = 2.82 W/kg = 4.50 dBW/kg

Wi-Fi 5GHz FCC

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5290 \text{ MHz}$; $\sigma = 5.447 \text{ S/m}$; $\epsilon_r = 49.28$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/19/2016
- Probe: EX3DV4 - SN3902; ConvF(4.42, 4.42, 4.42); Calibrated: 5/17/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Edge 2/802.11ac VHT 80_Ch 58 Chain 1 (0mm)/Area Scan (7x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 3.35 W/kg

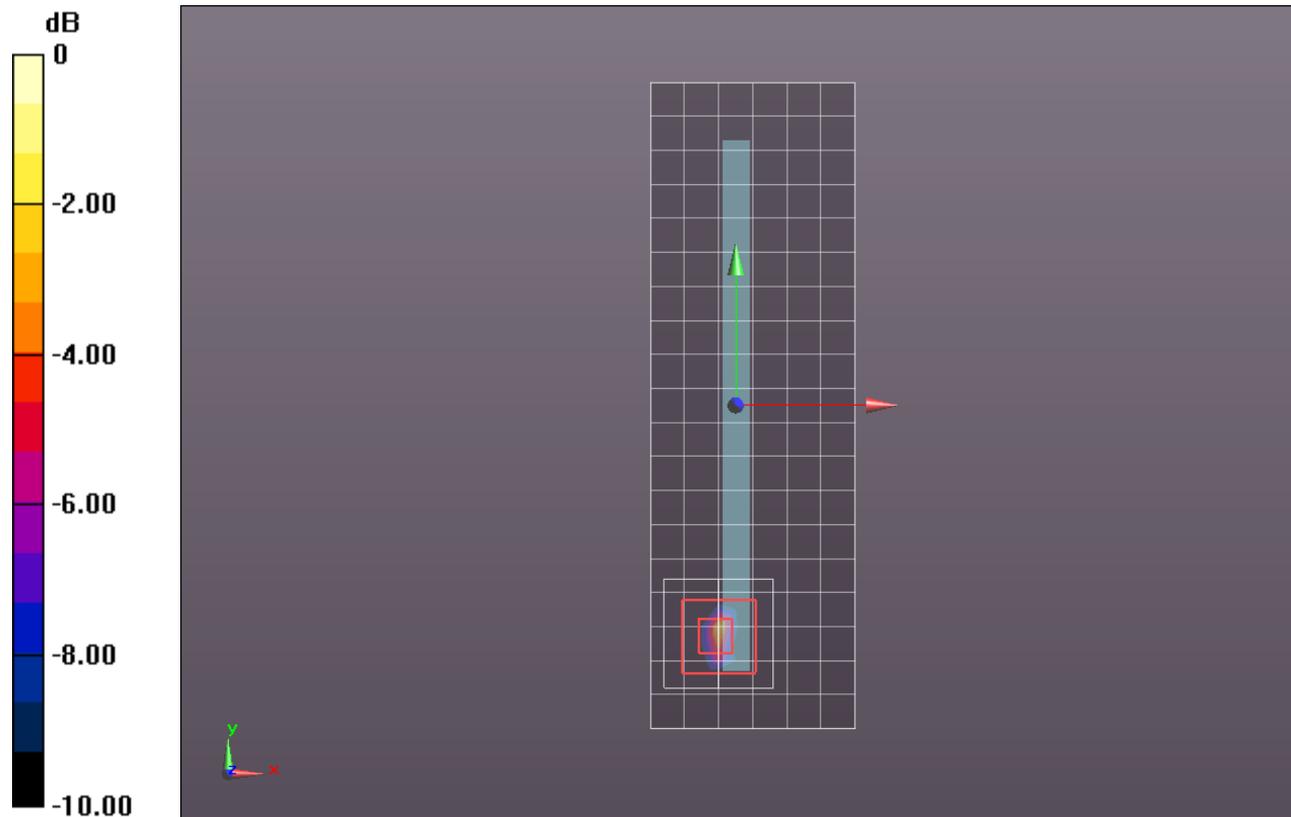
Edge 2/802.11ac VHT 80_Ch 58 Chain 1 (0mm)/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 25.45 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 10.5 W/kg

SAR(1 g) = 1.61 W/kg; SAR(10 g) = 0.284 W/kg

Maximum value of SAR (measured) = 4.56 W/kg



0 dB = 4.56 W/kg = 6.59 dBW/kg