GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:8.00018;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.897 S/m; ε_r = 42.028; ρ = 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 Sn1494; Calibrated: 2019-07-18
- Probe: EX3DV4 - SN7376; ConvF(10.3, 10.3, 10.3) @ 836.6 MHz; Calibrated: 2019-09-27
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

LHS/Touch GPRS ch.190 1slot/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
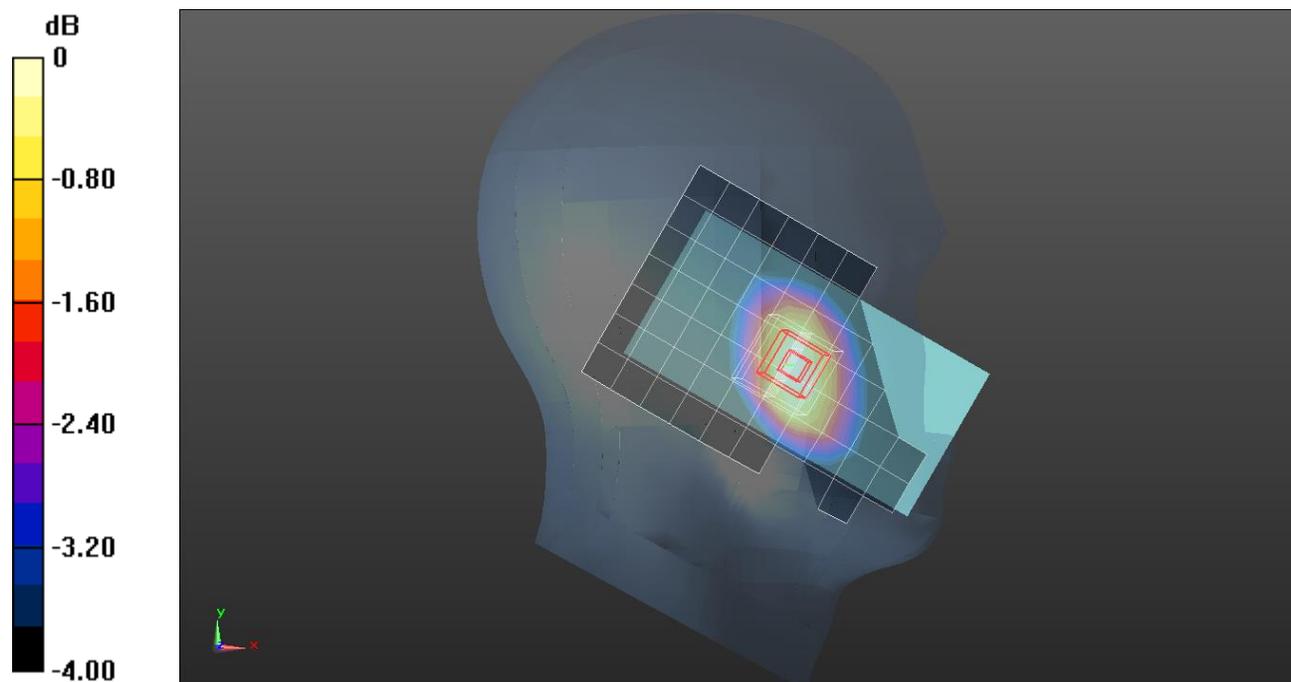Maximum value of SAR (measured) = 0.268 W/kg

LHS/Touch GPRS ch.190 1slot/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.45 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.313 W/kg
SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.187 W/kg
Maximum value of SAR (measured) = 0.276 W/kg

0 dB = 0.276 W/kg = −5.59 dBW/kg

GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:8.00018;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.897 S/m; ε$_r$ = 42.028; ρ = 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 Sn1494; Calibrated: 2019-07-18
- Probe: EX3DV4 - SN7376; ConvF(10.3, 10.3, 10.3) @ 836.6 MHz; Calibrated: 2019-09-27
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Rear/GPRS ch.190 1slot/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
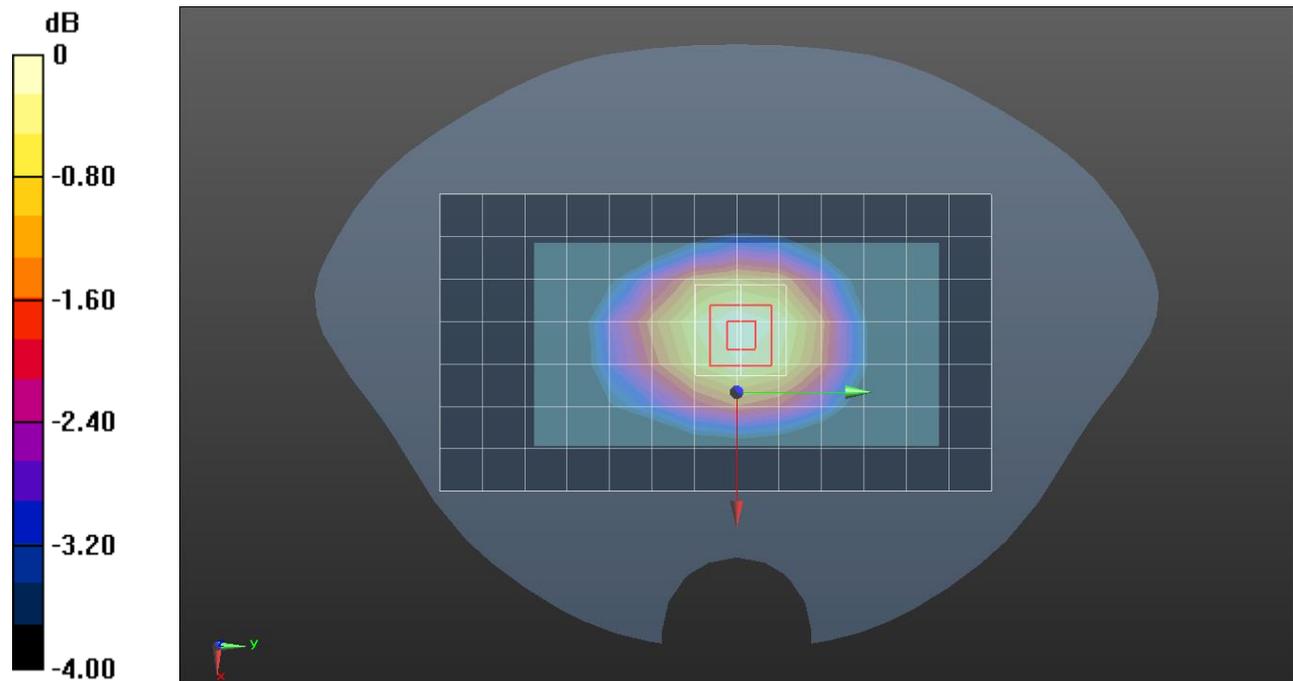Maximum value of SAR (measured) = 0.459 W/kg

Rear/GPRS ch.190 1slot/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.78 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.510 W/kg
SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.300 W/kg
Maximum value of SAR (measured) = 0.455 W/kg

0 dB = 0.455 W/kg = −3.42 dBW/kg

GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:8.00018;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.897 S/m; ε_r = 42.028; ρ = 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 Sn1494; Calibrated: 2019-07-18
- Probe: EX3DV4 - SN7376; ConvF(10.3, 10.3, 10.3) @ 836.6 MHz; Calibrated: 2019-09-27
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Rear/GPRS ch.190 1slot/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

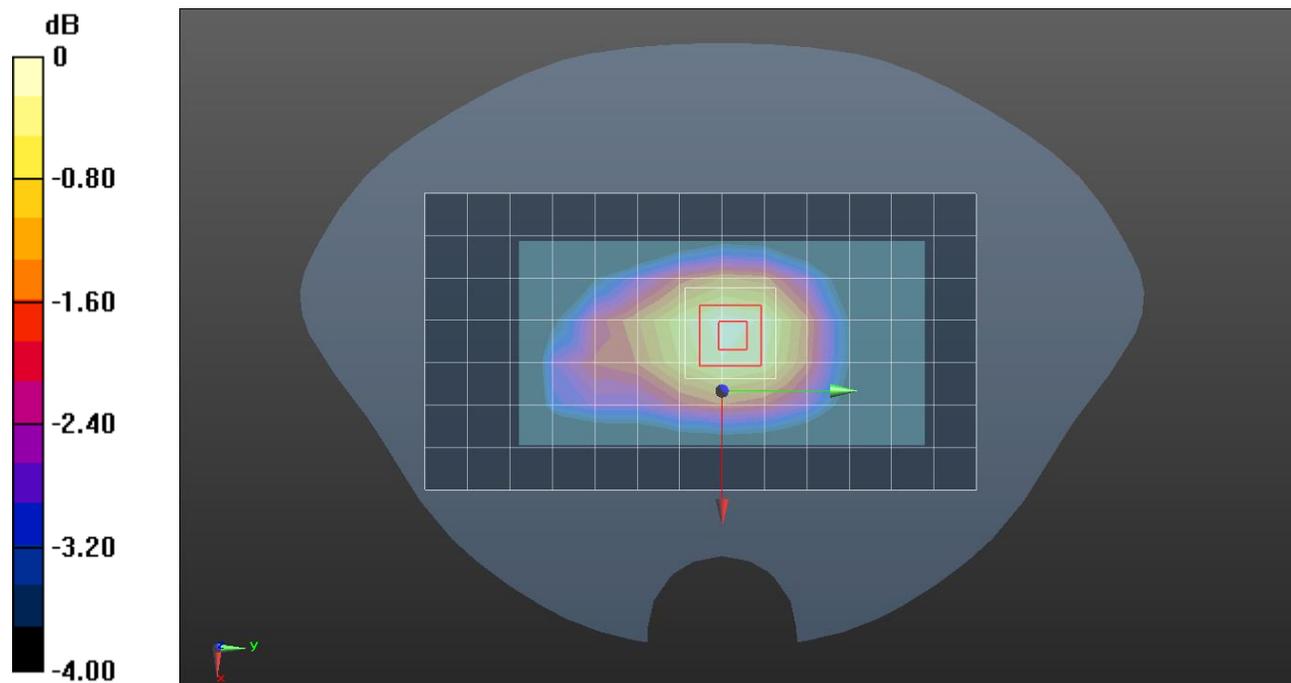Maximum value of SAR (measured) = 0.512 W/kg

Rear/GPRS ch.190 1slot/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.17 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.585 W/kg
SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.351 W/kg
Maximum value of SAR (measured) = 0.525 W/kg

0 dB = 0.525 W/kg = −2.80 dBW/kg

GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:1.99986;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1880 MHz; σ = 1.431 S/m; ε_r = 39.868; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(7.91, 7.91, 7.91) @ 1880 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

LHS/Touch GPRS ch.661 4slot/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
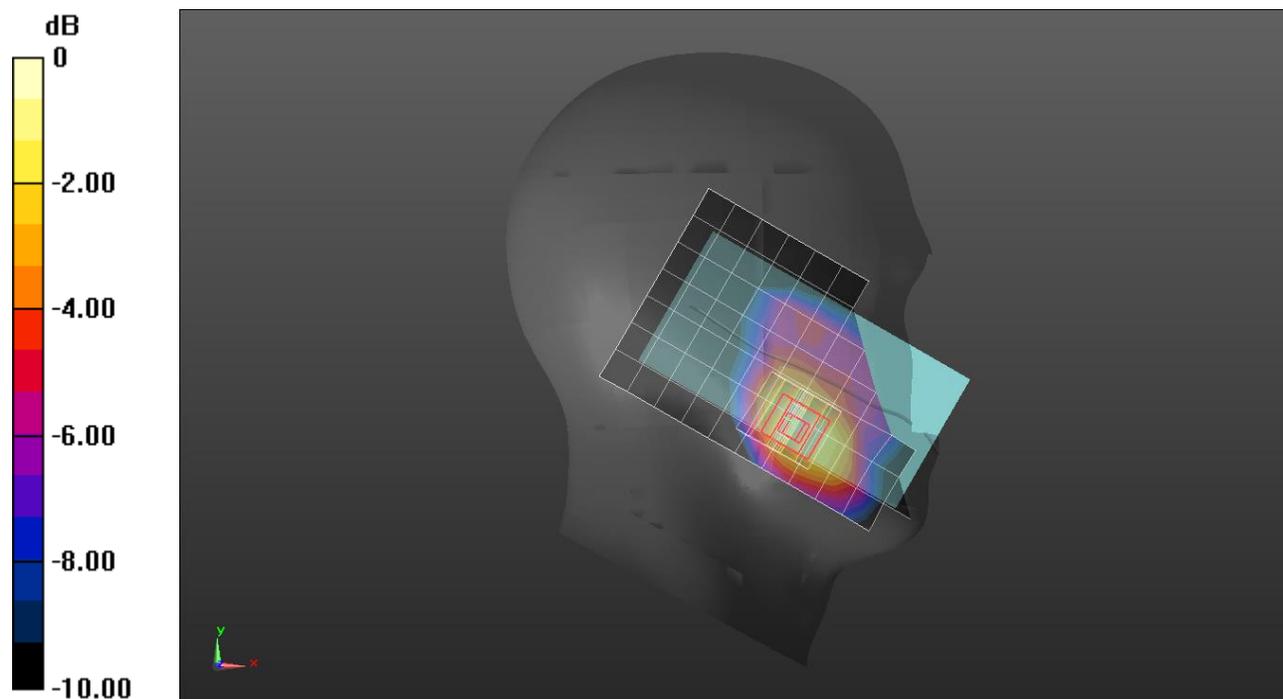Maximum value of SAR (measured) = 0.196 W/kg

LHS/Touch GPRS ch.661 4slot/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.16 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.262 W/kg
SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.105 W/kg
Maximum value of SAR (measured) = 0.205 W/kg
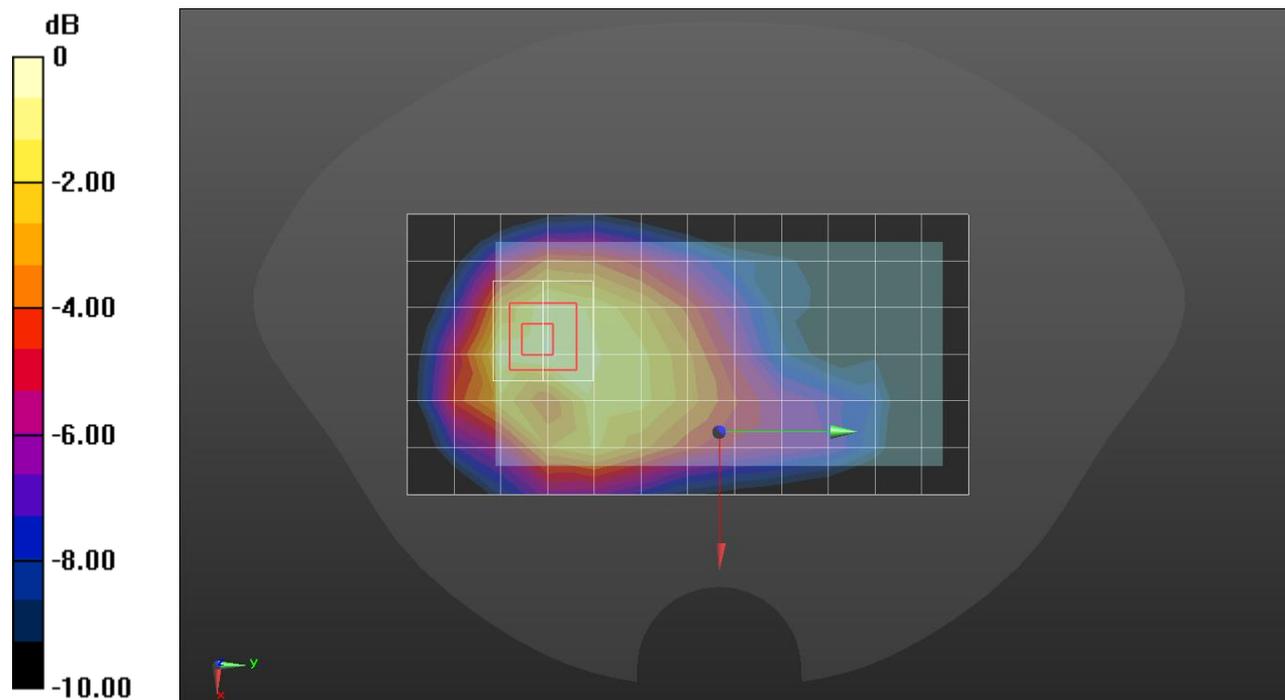

0 dB = 0.205 W/kg = −6.88 dBW/kg

GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:1.99986;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1880 MHz; σ = 1.431 S/m; ε_r = 39.868; ρ = 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 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(7.91, 7.91, 7.91) @ 1880 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

Rear/GPRS ch.661 4slot /Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.190 W/kg

Rear/GPRS ch.661 4slot/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.83 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.275 W/kg
SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.104 W/kg
Maximum value of SAR (measured) = 0.214 W/kg
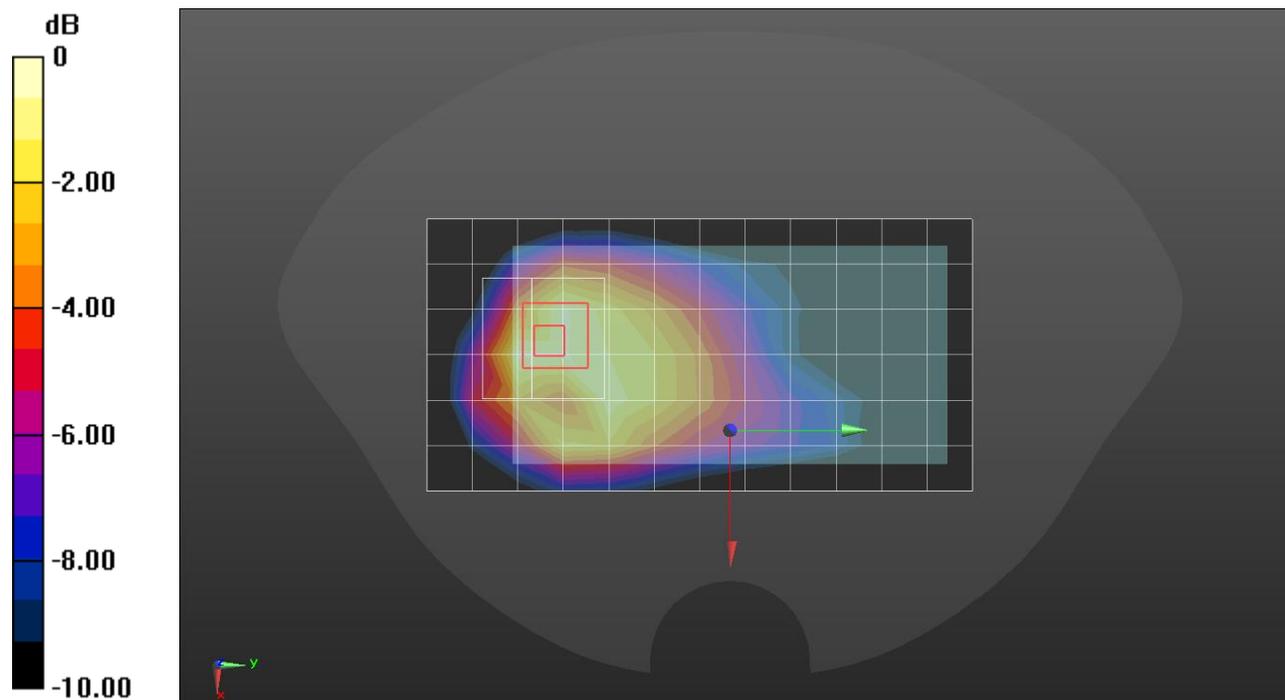

0 dB = 0.214 W/kg = −6.70 dBW/kg

GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:1.99986;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1880 MHz; σ = 1.431 S/m; ε_r = 39.868; ρ = 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 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(7.91, 7.91, 7.91) @ 1880 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

Rear/GPRS ch.661 4slot/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.335 W/kg

Rear/GPRS ch.661 4slot/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.35 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.486 W/kg
SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.175 W/kg
Maximum value of SAR (measured) = 0.367 W/kg

0 dB = 0.367 W/kg = −4.35 dBW/kg

W-CDMA Band II

Frequency: 1880 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1880 MHz; σ = 1.431 S/m; $ε_r$ = 39.868; ρ = 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 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(7.91, 7.91, 7.91) @ 1880 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

LHS/Touch Rel.99 ch.9400/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
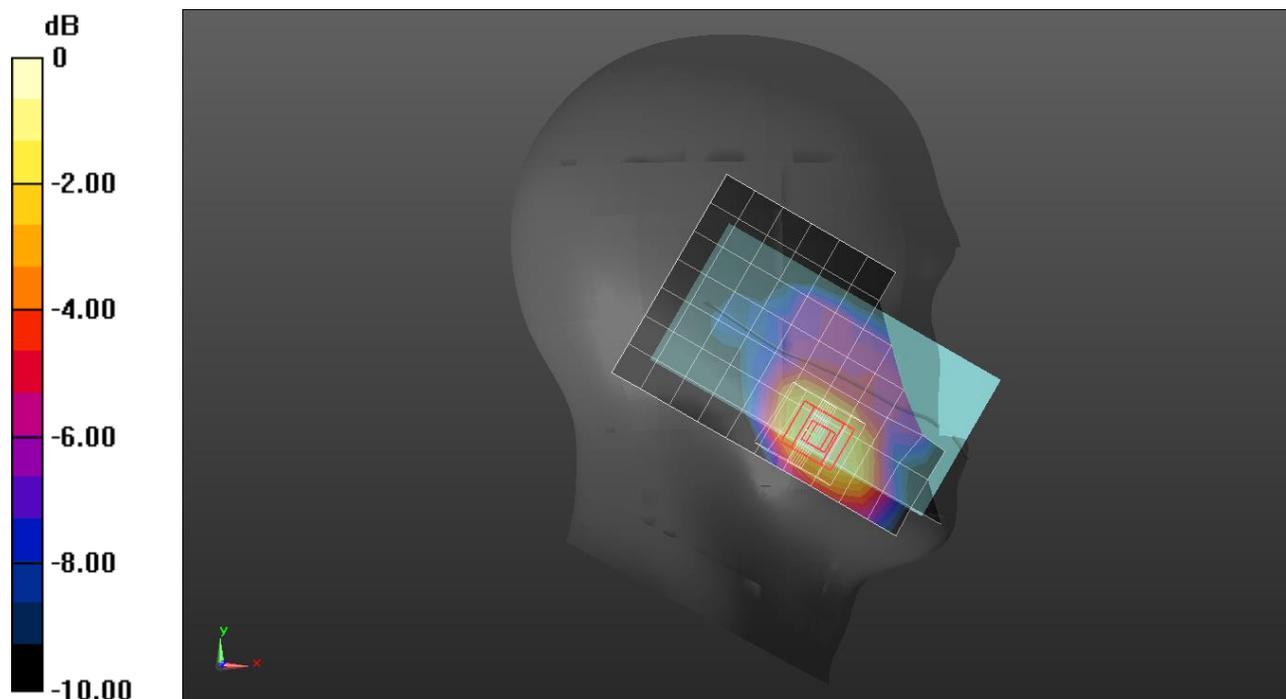Maximum value of SAR (measured) = 0.433 W/kg

LHS/Touch Rel.99 ch.9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 17.71 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.618 W/kg
SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.240 W/kg
Maximum value of SAR (measured) = 0.492 W/kg

0 dB = 0.492 W/kg = −3.08 dBW/kg

W-CDMA Band II
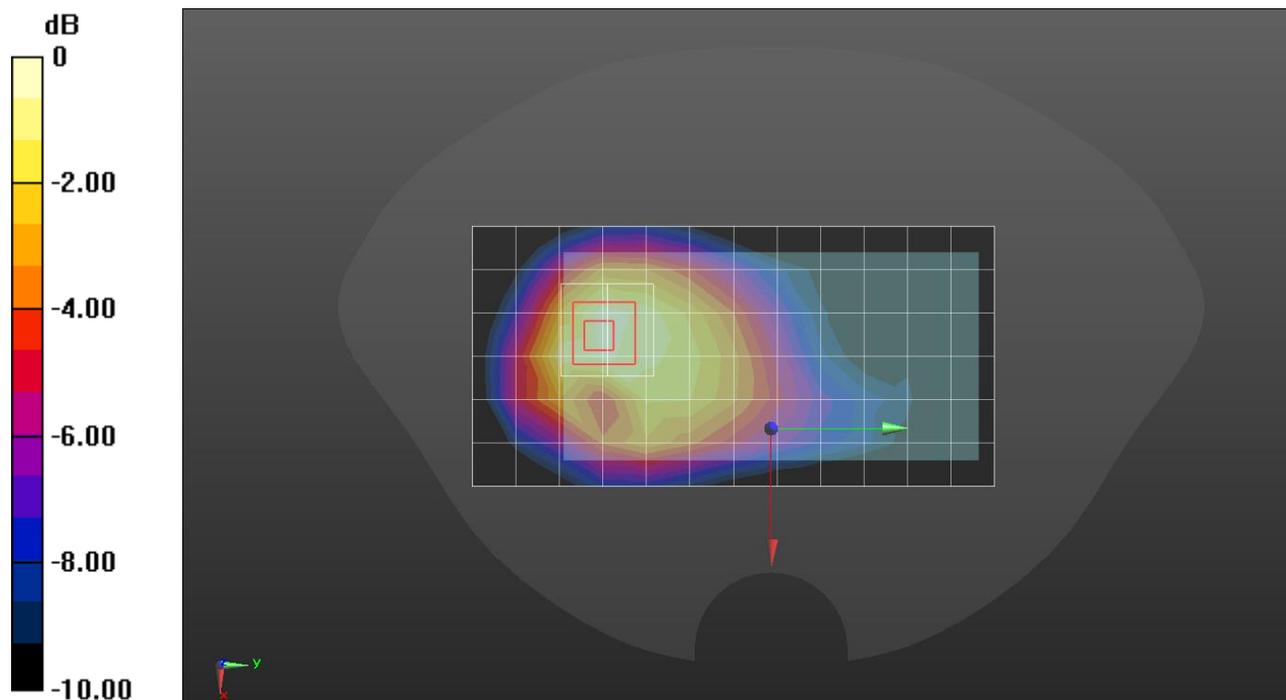
Frequency: 1880 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1880 MHz; σ = 1.431 S/m; ε_r = 39.868; ρ = 1000 kg/m³
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(7.91, 7.91, 7.91) @ 1880 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

Rear/Rel.99 ch.9400/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.444 W/kg

Rear/Rel.99 ch.9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.38 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.605 W/kg
SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.232 W/kg
Maximum value of SAR (measured) = 0.471 W/kg

0 dB = 0.471 W/kg = −3.27 dBW/kg

W-CDMA Band II
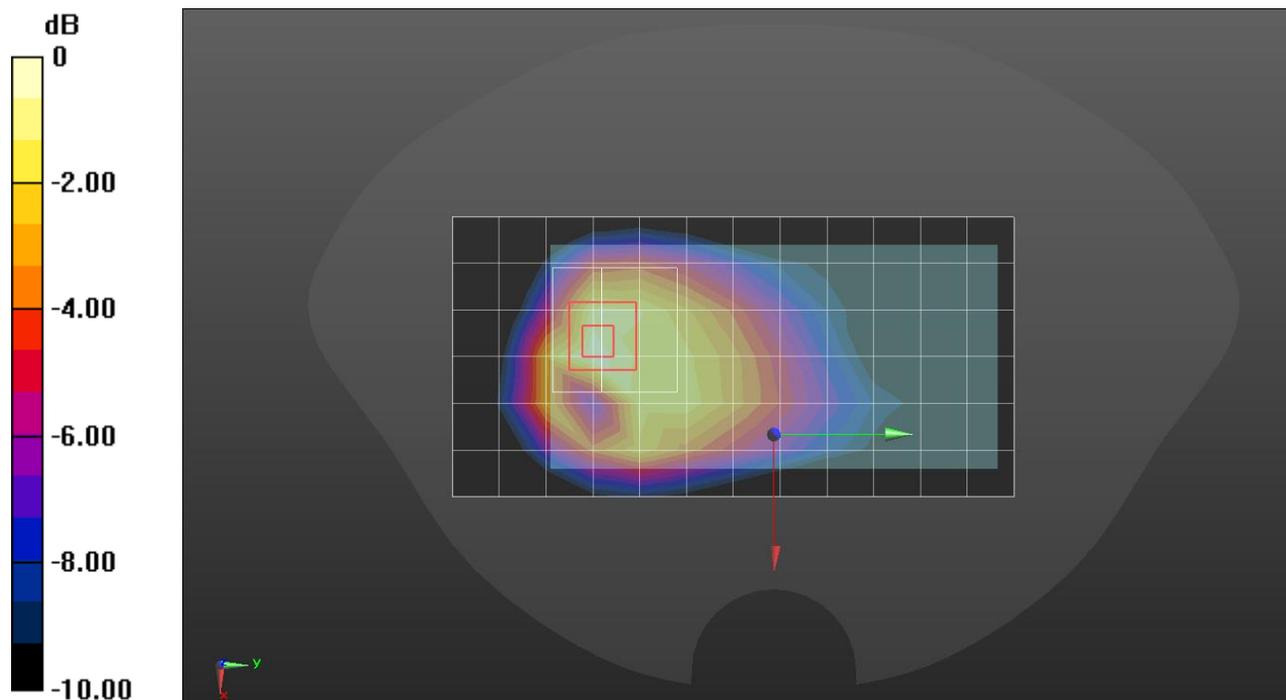
Frequency: 1880 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1880 MHz; σ = 1.431 S/m; ε_r = 39.868; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(7.91, 7.91, 7.91) @ 1880 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

Rear/Rel.99 ch.9400/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.456 W/kg

Rear/Rel.99 ch.9400/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.28 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.617 W/kg
SAR(1 g) = 0.370 W/kg; SAR(10 g) = 0.219 W/kg
Maximum value of SAR (measured) = 0.469 W/kg

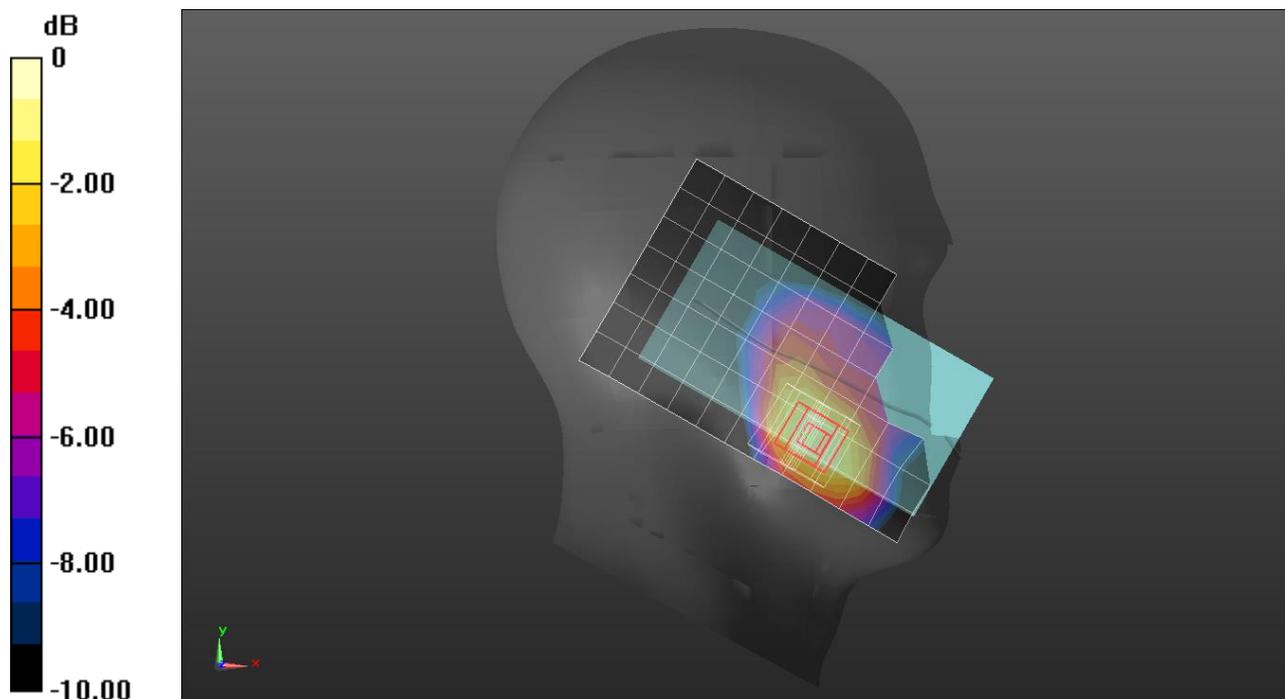

0 dB = 0.469 W/kg = −3.29 dBW/kg

W-CDMA Band IV

Frequency: 1732.6 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.344 S/m; ε_r = 39.995; ρ = 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 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(8.11, 8.11, 8.11) @ 1732.6 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

LHS/Touch Rel.99 ch.1413/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.326 W/kg

LHS/Touch Rel.99 ch.1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 16.97 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.469 W/kg
SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.194 W/kg
Maximum value of SAR (measured) = 0.379 W/kg

0 dB = 0.379 W/kg = −4.21 dBW/kg

W-CDMA Band IV

Frequency: 1732.6 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.344 S/m; ε_r = 39.995; ρ = 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 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(8.11, 8.11, 8.11) @ 1732.6 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

Rear/Rel.99 ch.1413/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
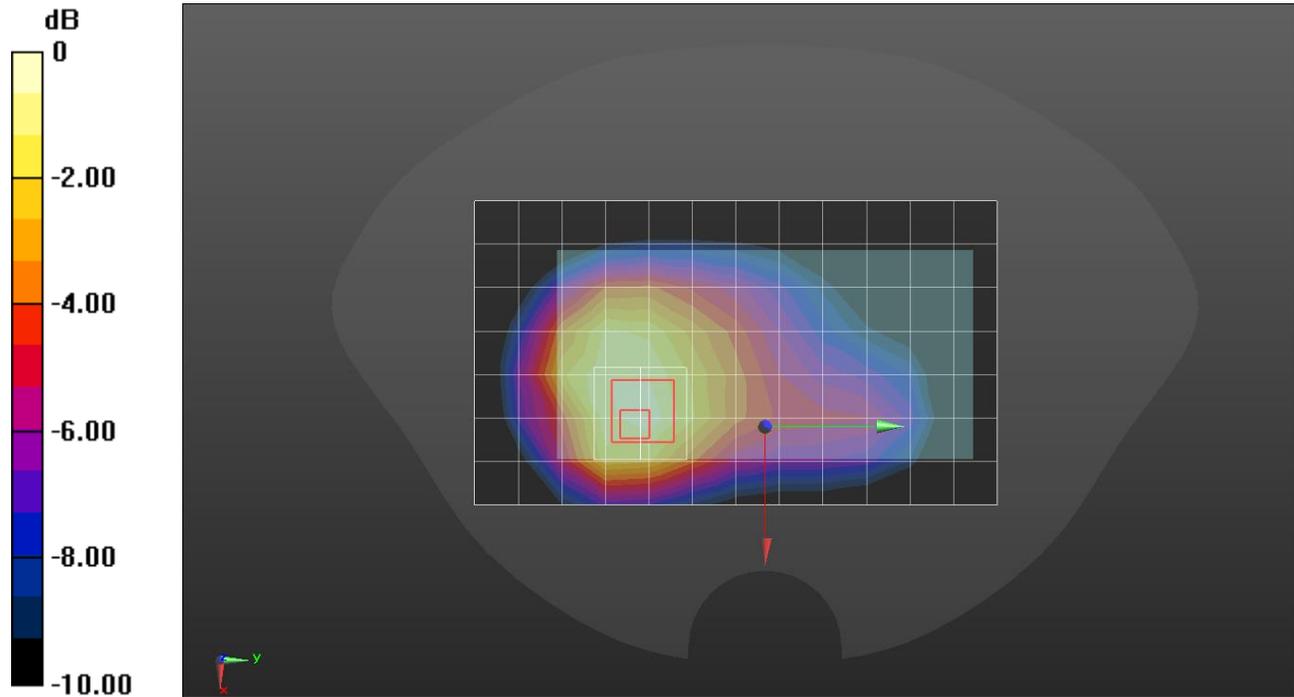Maximum value of SAR (measured) = 0.315 W/kg

Rear/Rel.99 ch.1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.44 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 0.325 W/kg

0 dB = 0.325 W/kg = −4.88 dBW/kg

W-CDMA Band IV

Frequency: 1732.6 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.344 S/m; ε_r = 39.995; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(8.11, 8.11, 8.11) @ 1732.6 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

Rear/Rel.99 ch.1413/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
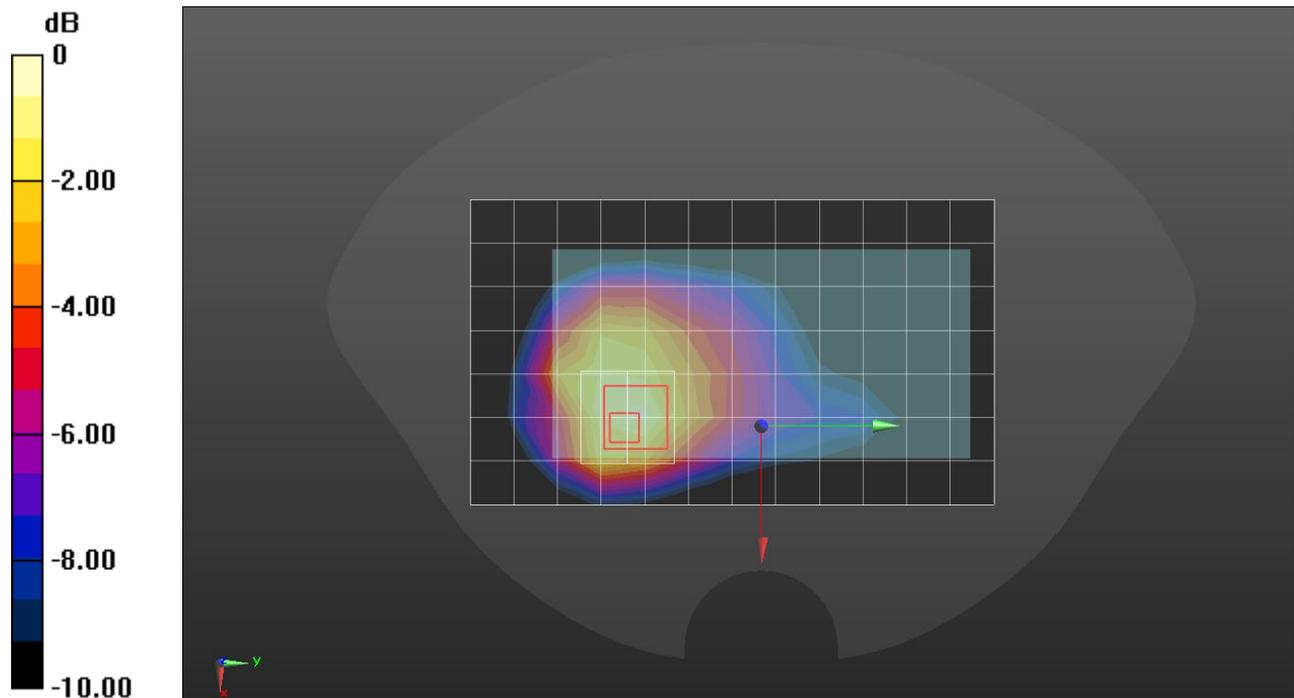Maximum value of SAR (measured) = 0.345 W/kg

Rear/Rel.99 ch.1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.33 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.542 W/kg
SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.176 W/kg
Maximum value of SAR (measured) = 0.381 W/kg

0 dB = 0.381 W/kg = −4.19 dBW/kg

W-CDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.897 S/m; $ε_r$ = 42.028; ρ = 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 Sn1494; Calibrated: 2019-07-18
- Probe: EX3DV4 - SN7376; ConvF(10.3, 10.3, 10.3) @ 836.6 MHz; Calibrated: 2019-09-27
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

LHS/Touch Rel.99 ch.4183/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
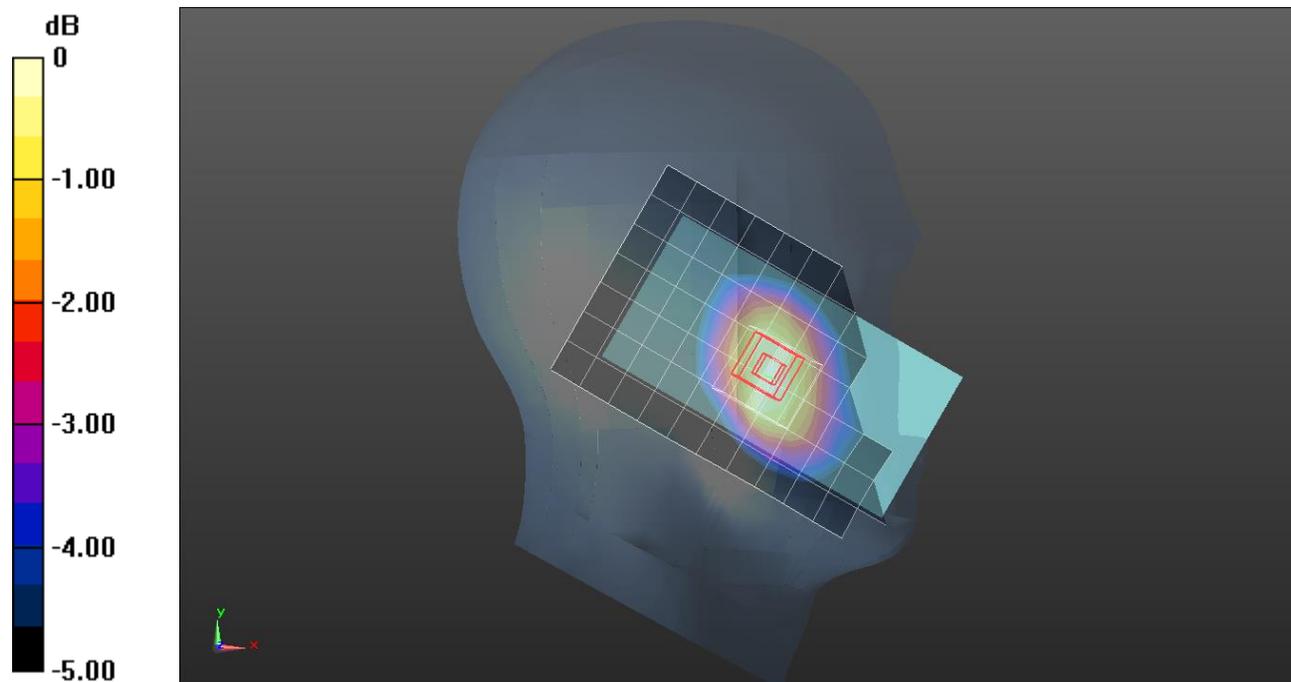
Maximum value of SAR (measured) = 0.275 W/kg

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

Reference Value = 14.63 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 0.279 W/kg
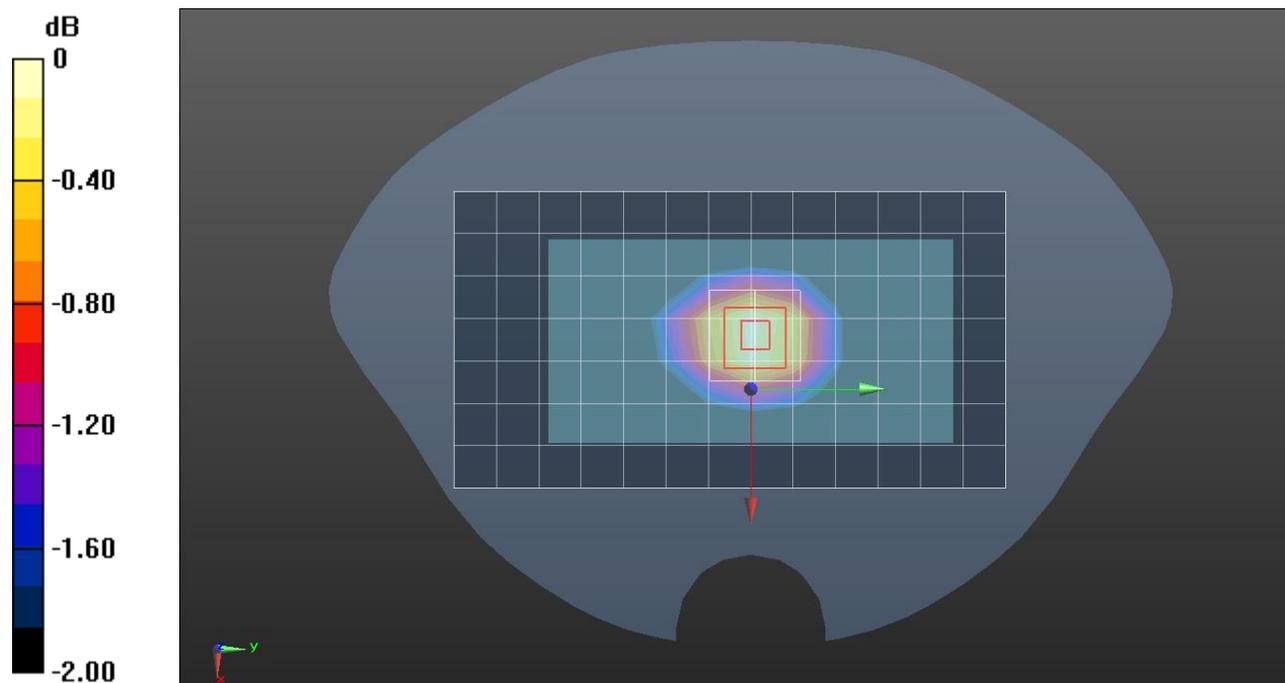

0 dB = 0.279 W/kg = −5.54 dBW/kg

W-CDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.914 S/m; ε_r = 42.041; ρ = 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 Sn1494; Calibrated: 2019-07-18
- Probe: EX3DV4 - SN7376; ConvF(10.3, 10.3, 10.3) @ 836.6 MHz; Calibrated: 2019-09-27
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Rear/Rel.99 ch.4183/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.463 W/kg

Rear/Rel.99 ch.4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.66 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.526 W/kg
SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.311 W/kg
Maximum value of SAR (measured) = 0.469 W/kg

0 dB = 0.469 W/kg = −3.29 dBW/kg

W-CDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.914 S/m; ε_r = 42.041; ρ = 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 Sn1494; Calibrated: 2019-07-18
- Probe: EX3DV4 - SN7376; ConvF(10.3, 10.3, 10.3) @ 836.6 MHz; Calibrated: 2019-09-27
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Rear/Rel.99 ch.4183/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
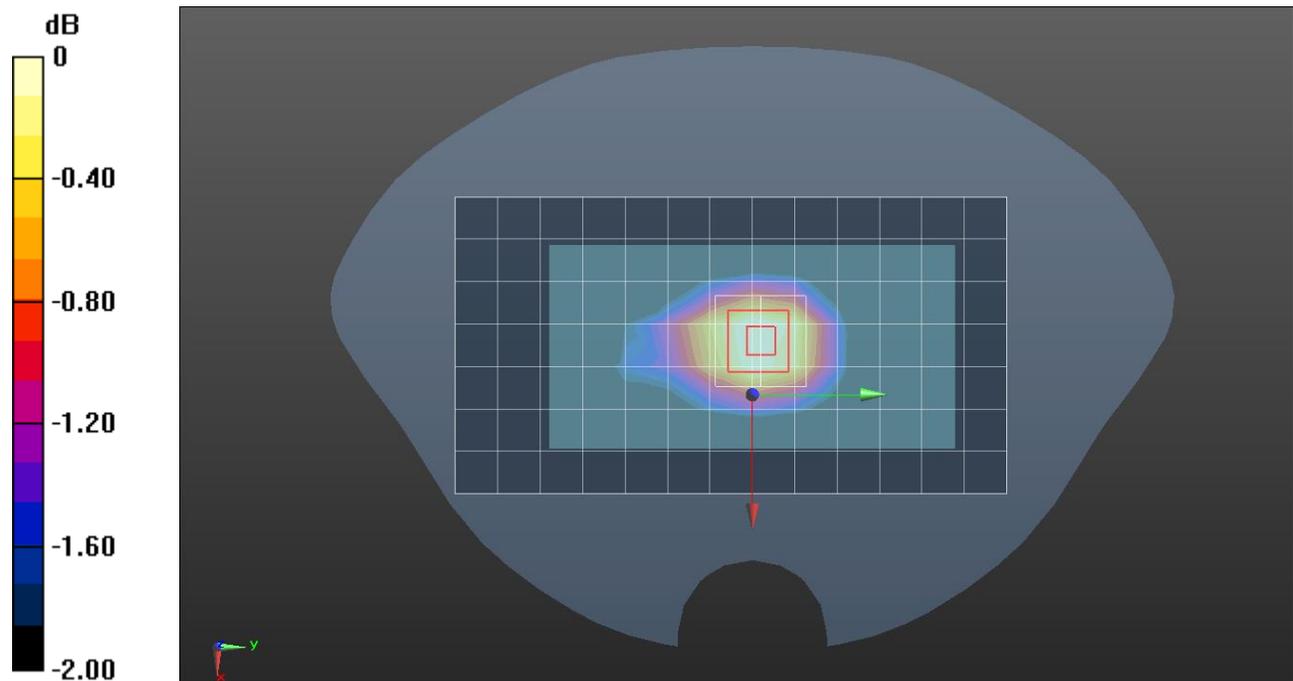Maximum value of SAR (measured) = 0.541 W/kg

Rear/Rel.99 ch.4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.22 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.596 W/kg
SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.355 W/kg
Maximum value of SAR (measured) = 0.533 W/kg

0 dB = 0.533 W/kg = −2.73 dBW/kg

LTE Band 2

Frequency: 1900 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1900 MHz; σ = 1.446 S/m; ε_r = 39.812; ρ = 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 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(7.91, 7.91, 7.91) @ 1900 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

LHS/Touch QPSK RB 1/99 ch.19100/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
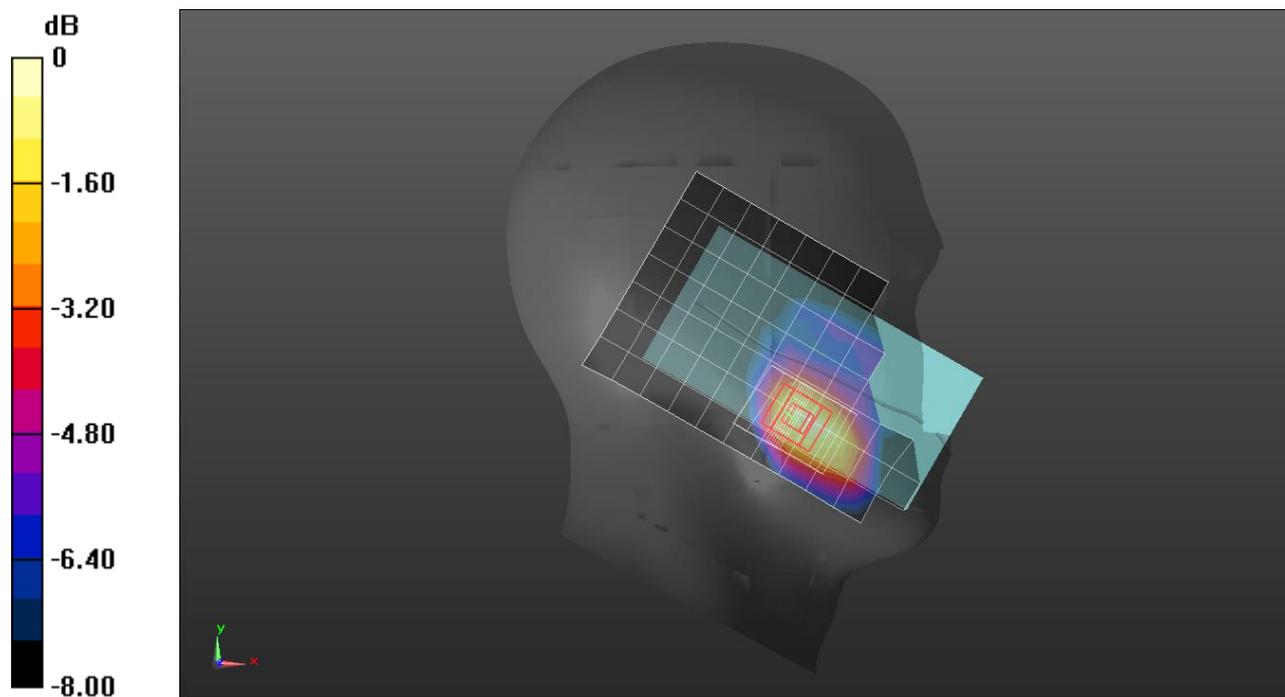Maximum value of SAR (measured) = 0.448 W/kg

LHS/Touch QPSK RB 1/99 ch.19100/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm
Reference Value = 17.08 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.578 W/kg
SAR(1 g) = 0.370 W/kg; SAR(10 g) = 0.227 W/kg
Maximum value of SAR (measured) = 0.460 W/kg

0 dB = 0.460 W/kg = −3.37 dBW/kg

LTE Band 2

Frequency: 1900 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1900 MHz; σ = 1.446 S/m; $ε_r$ = 39.819; ρ = 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 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(7.91, 7.91, 7.91) @ 1900 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

Rear/QPSK RB 1/99 ch.19100/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
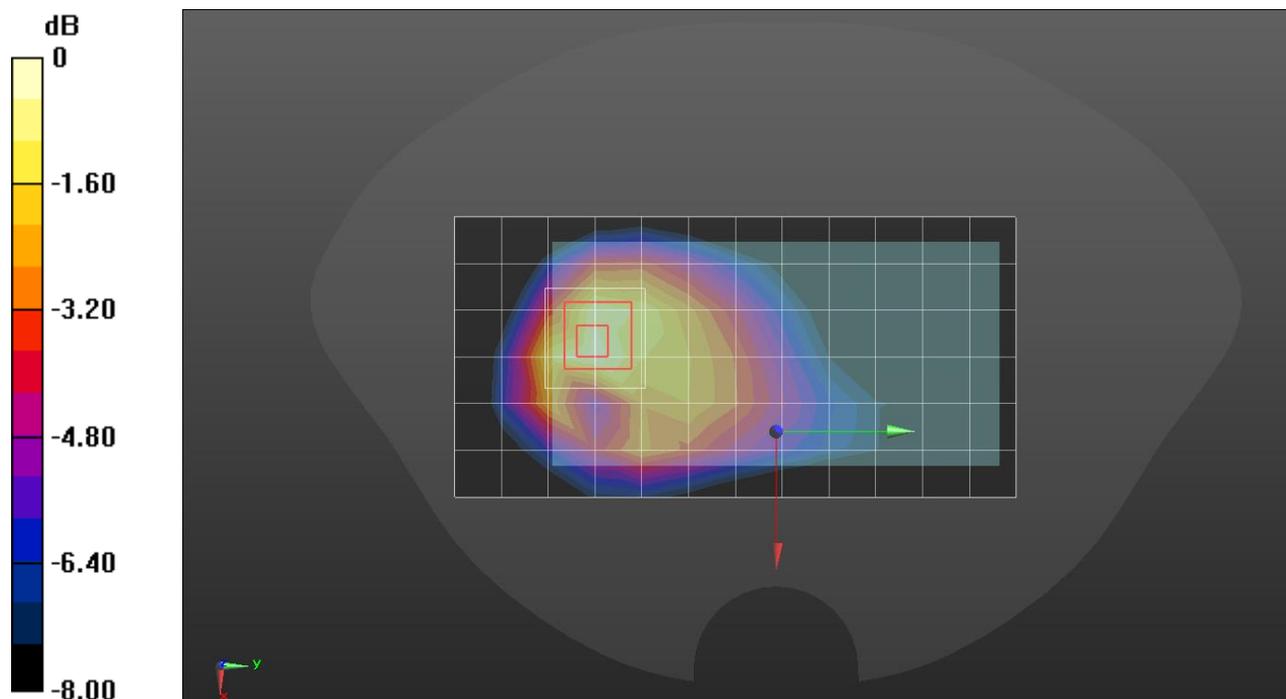Maximum value of SAR (measured) = 0.418 W/kg

Rear/QPSK RB 1/99 ch.19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 16.96 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.564 W/kg
SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.212 W/kg
Maximum value of SAR (measured) = 0.438 W/kg

0 dB = 0.438 W/kg = −3.59 dBW/kg

LTE Band 2

Frequency: 1880 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1880 MHz; σ = 1.431 S/m; ε_r = 39.868; ρ = 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 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(7.91, 7.91, 7.91) @ 1880 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

Rear/QPSK RB 1/99 ch.18900/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.773 W/kg

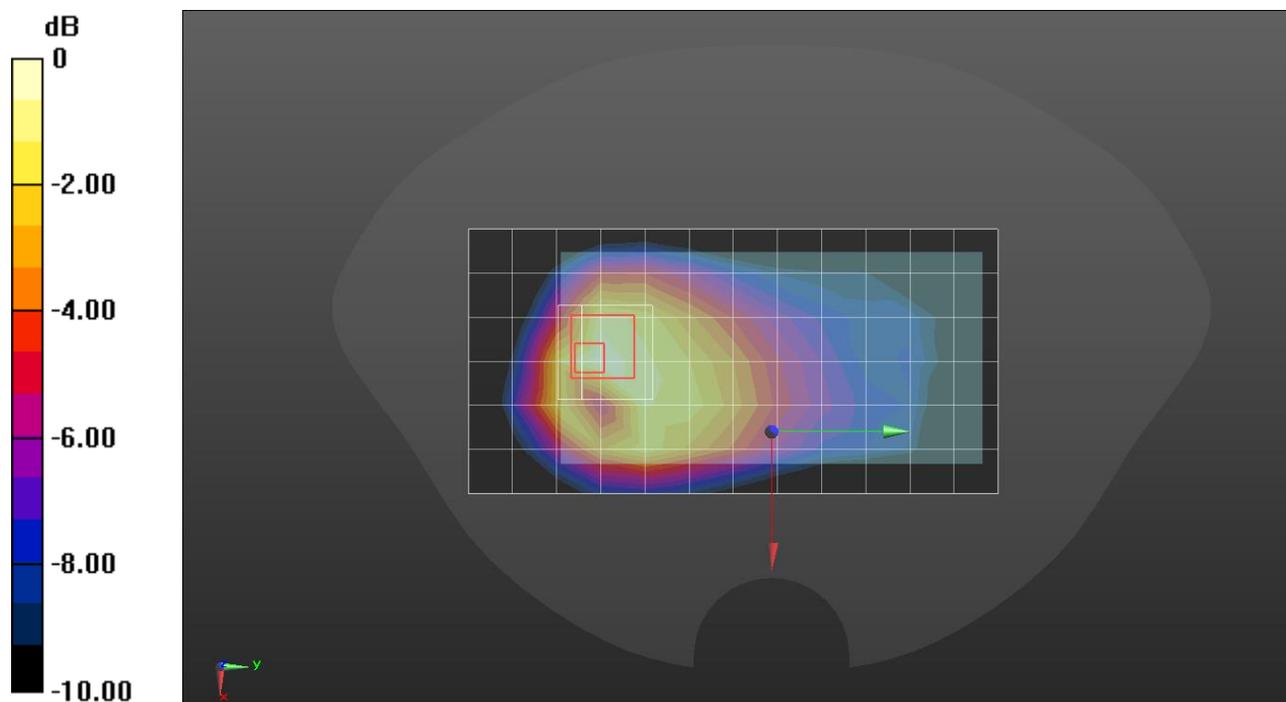## Rear/QPSK RB 1/99 ch.18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.16 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.361 W/kg
Maximum value of SAR (measured) = 0.777 W/kg

0 dB = 0.777 W/kg = −1.10 dBW/kg

LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.33 S/m; ε_r = 40.093; ρ = 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 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(8.11, 8.11, 8.11) @ 1732.5 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

LHS/Touch QPSK RB 1/49 ch.20175/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
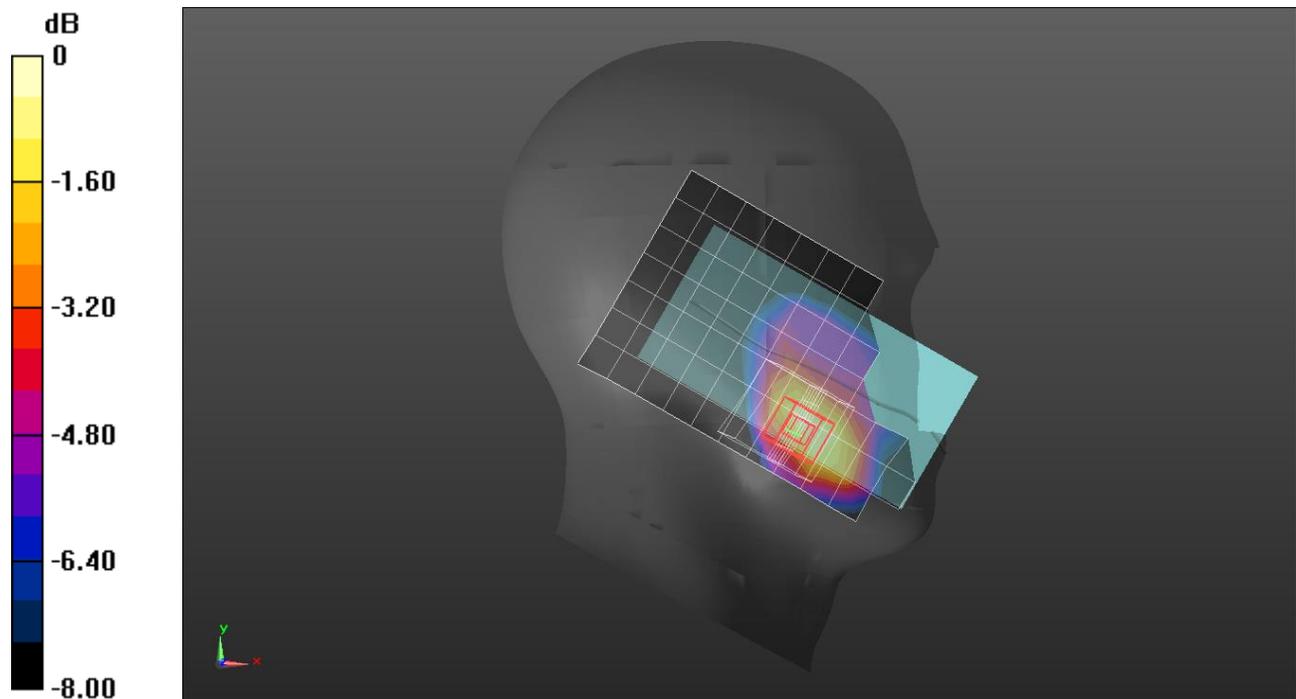Maximum value of SAR (measured) = 0.350 W/kg

LHS/Touch QPSK RB 1/49 ch.20175/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm
Reference Value = 15.85 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.435 W/kg
SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.192 W/kg
Maximum value of SAR (measured) = 0.379 W/kg

0 dB = 0.379 W/kg = −4.21 dBW/kg

LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.33 S/m; ε_r = 40.093; ρ = 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 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(8.11, 8.11, 8.11) @ 1732.5 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

Rear/QPSK RB 1/49 ch.20175/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
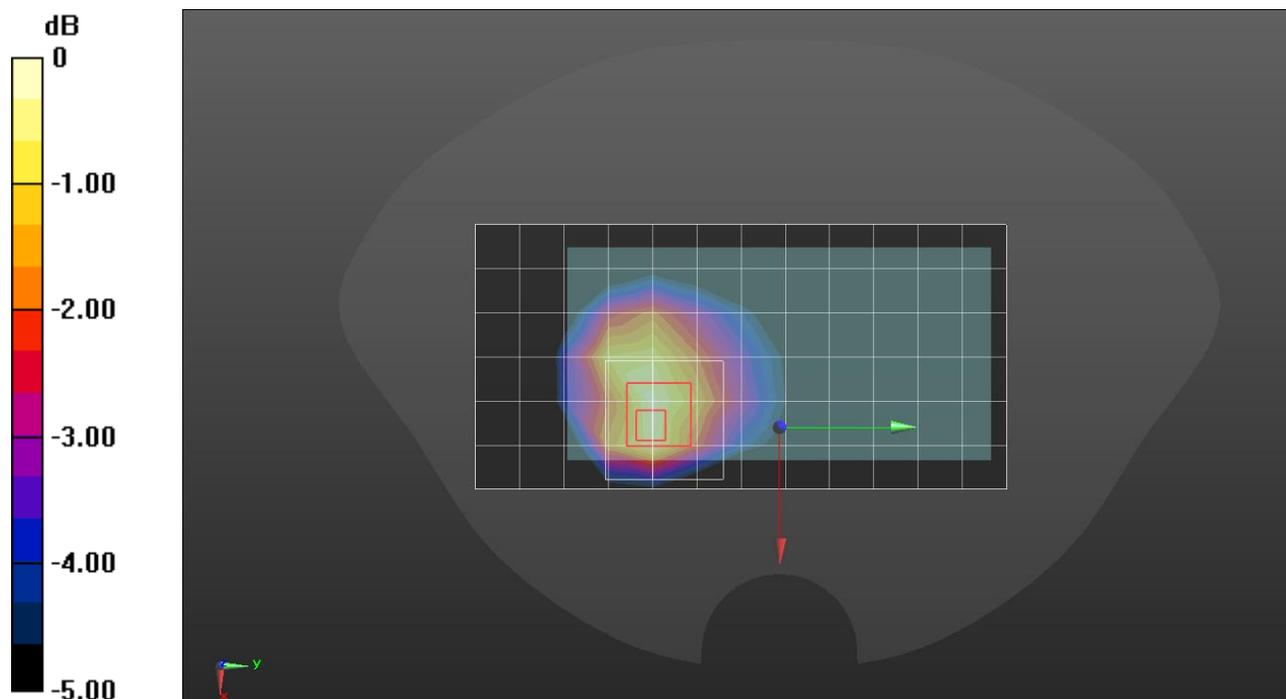Maximum value of SAR (measured) = 0.335 W/kg

Rear/QPSK RB 1/49 ch.20175/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 15.12 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.462 W/kg
SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.170 W/kg
Maximum value of SAR (measured) = 0.350 W/kg

0 dB = 0.350 W/kg = −4.56 dBW/kg

LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.33 S/m; $ε_r$ = 40.093; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(8.11, 8.11, 8.11) @ 1732.5 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

Rear/QPSK RB 1/49 ch.20175/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
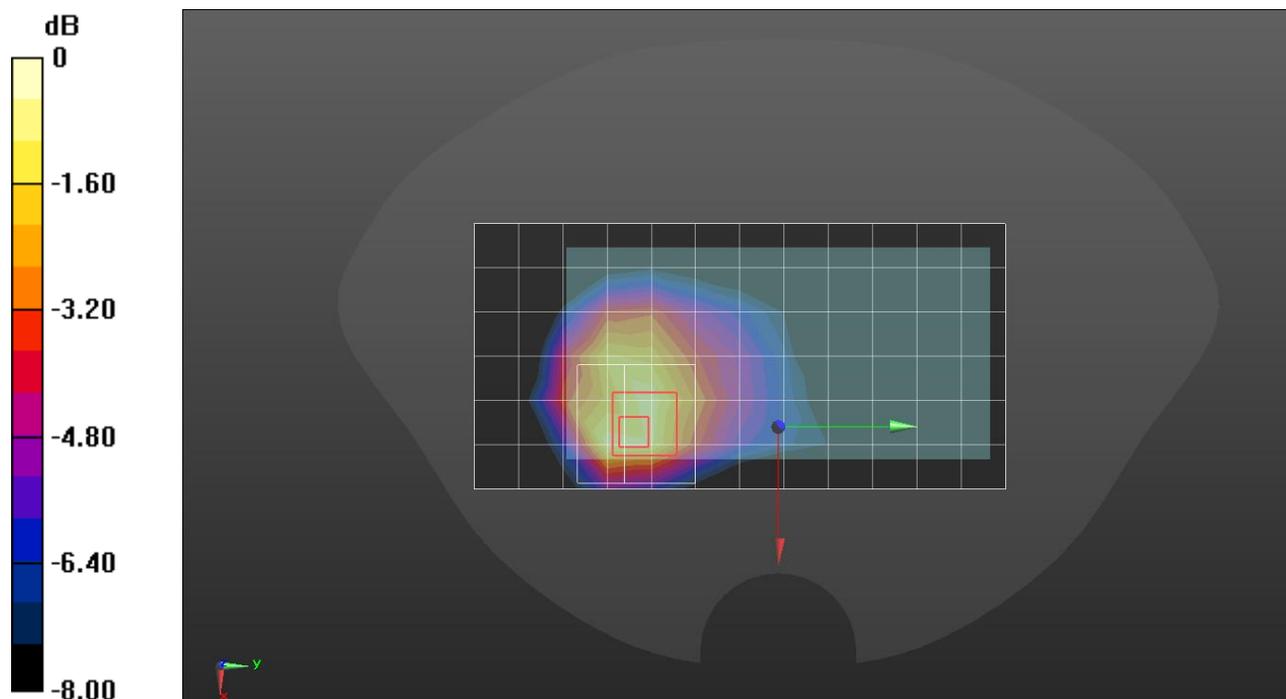Maximum value of SAR (measured) = 0.609 W/kg

Rear/QPSK RB 1/49 ch.20175/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.57 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.961 W/kg
SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.315 W/kg
Maximum value of SAR (measured) = 0.710 W/kg

0 dB = 0.710 W/kg = −1.49 dBW/kg

LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.914 S/m; $ε_r$ = 42.042; ρ = 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 Sn1494; Calibrated: 2019-07-18
- Probe: EX3DV4 - SN7376; ConvF(10.3, 10.3, 10.3) @ 836.5 MHz; Calibrated: 2019-09-27
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

LHS/Touch QPSK 1/25 ch.20525/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
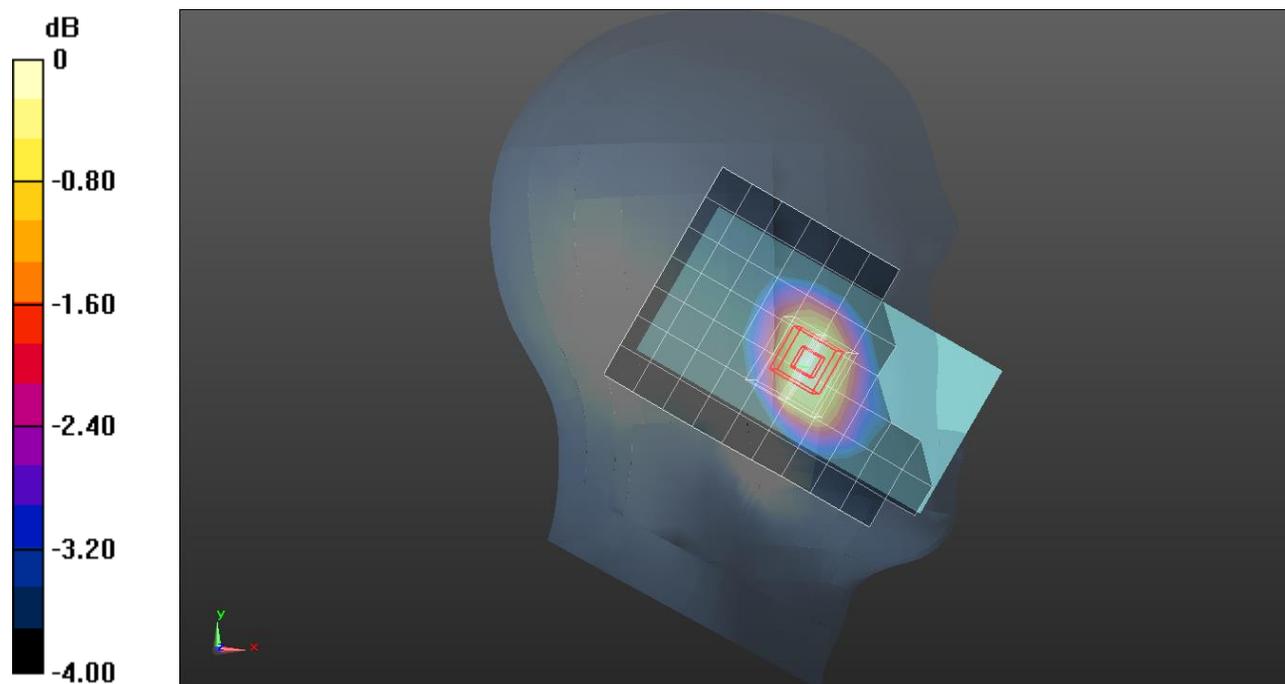Maximum value of SAR (measured) = 0.247 W/kg

LHS/Touch QPSK 1/25 ch.20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 16.65 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.282 W/kg
SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.170 W/kg
Maximum value of SAR (measured) = 0.249 W/kg

0 dB = 0.249 W/kg = −6.04 dBW/kg

LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.914 S/m; ε_r = 42.042; ρ = 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 Sn1494; Calibrated: 2019-07-18
- Probe: EX3DV4 - SN7376; ConvF(10.3, 10.3, 10.3) @ 836.5 MHz; Calibrated: 2019-09-27
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Rear/QPSK RB 1/25 ch.20525/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
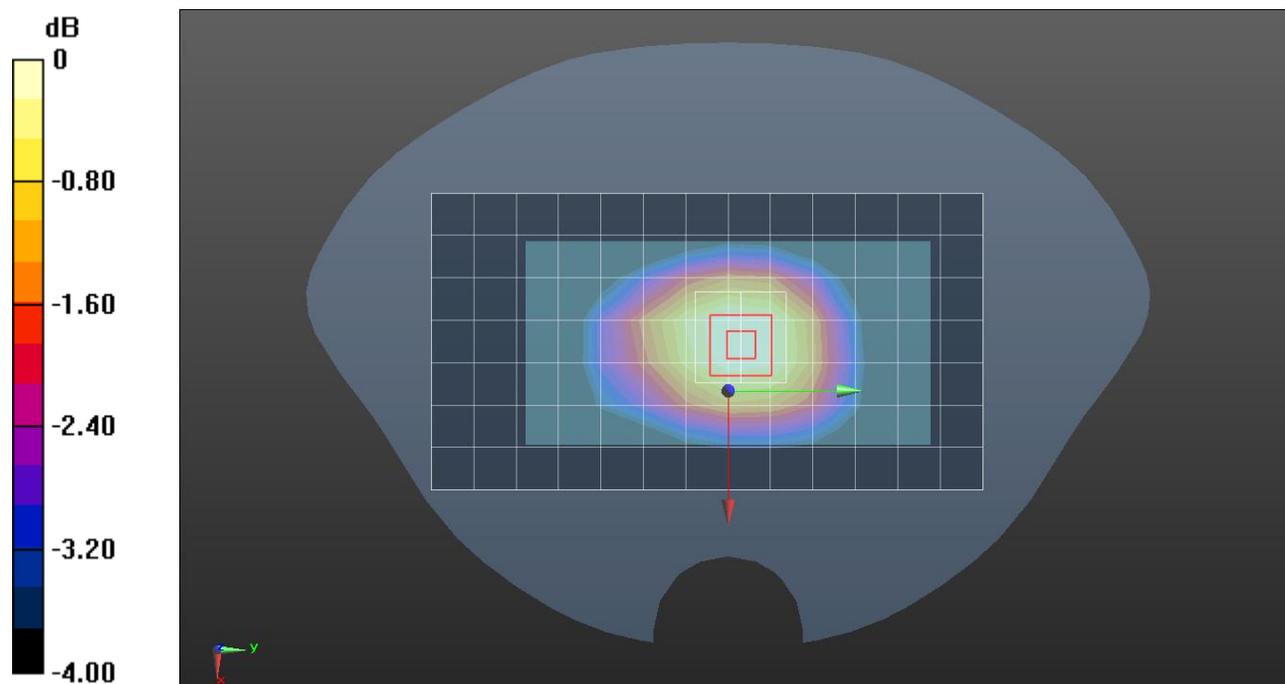Maximum value of SAR (measured) = 0.386 W/kg

Rear/QPSK RB 1/25 ch.20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 20.27 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.434 W/kg
SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.254 W/kg
Maximum value of SAR (measured) = 0.384 W/kg

0 dB = 0.384 W/kg = −4.16 dBW/kg

LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.914 S/m; ε_r = 42.042; ρ = 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 Sn1494; Calibrated: 2019-07-18
- Probe: EX3DV4 - SN7376; ConvF(10.3, 10.3, 10.3) @ 836.5 MHz; Calibrated: 2019-09-27
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Rear/QPSK RB 1/25 ch.20525/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
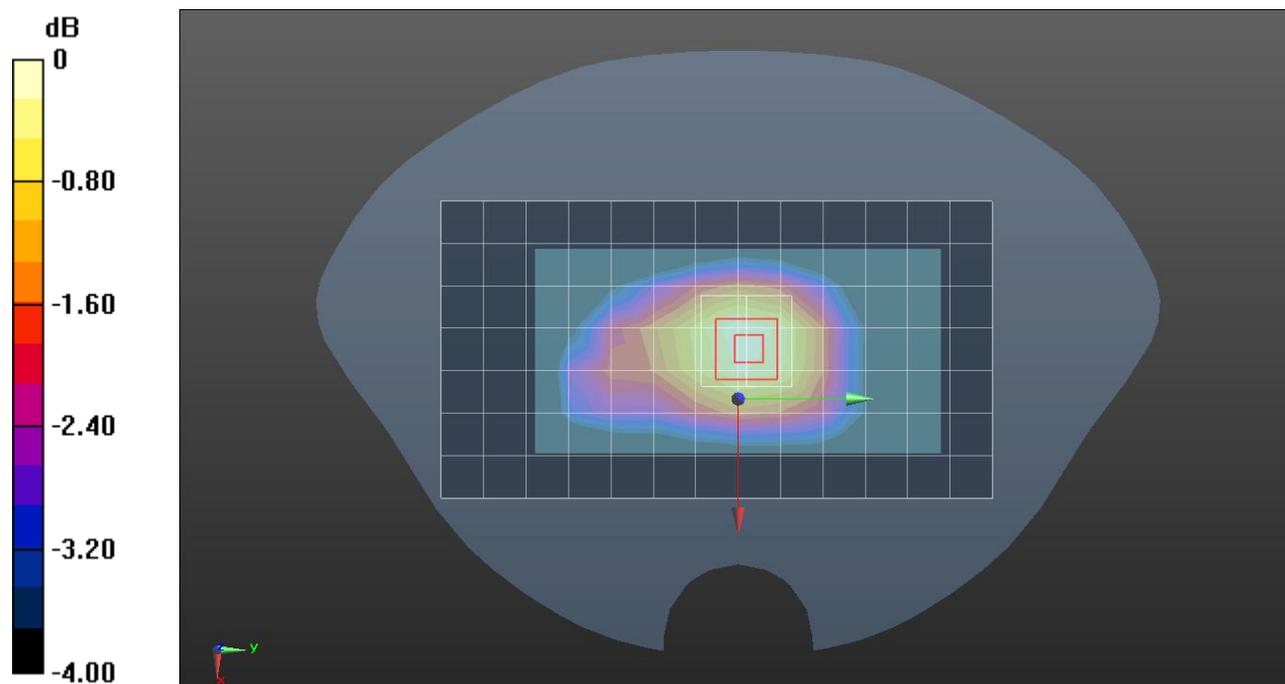Maximum value of SAR (measured) = 0.427 W/kg

Rear/QPSK RB 1/25 ch.20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 21.52 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.482 W/kg
SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.285 W/kg
Maximum value of SAR (measured) = 0.428 W/kg

0 dB = 0.428 W/kg = −3.69 dBW/kg

LTE Band 12

Frequency: 707.5 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.89 S/m; ε_r = 41.748; ρ = 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 Sn1468; Calibrated: 2019-09-20
- Probe: EX3DV4 - SN7314; ConvF(9.91, 9.91, 9.91) @ 707.5 MHz; Calibrated: 2019-08-29
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

LHS/Touch QPSK RB 1/25 ch.23095/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
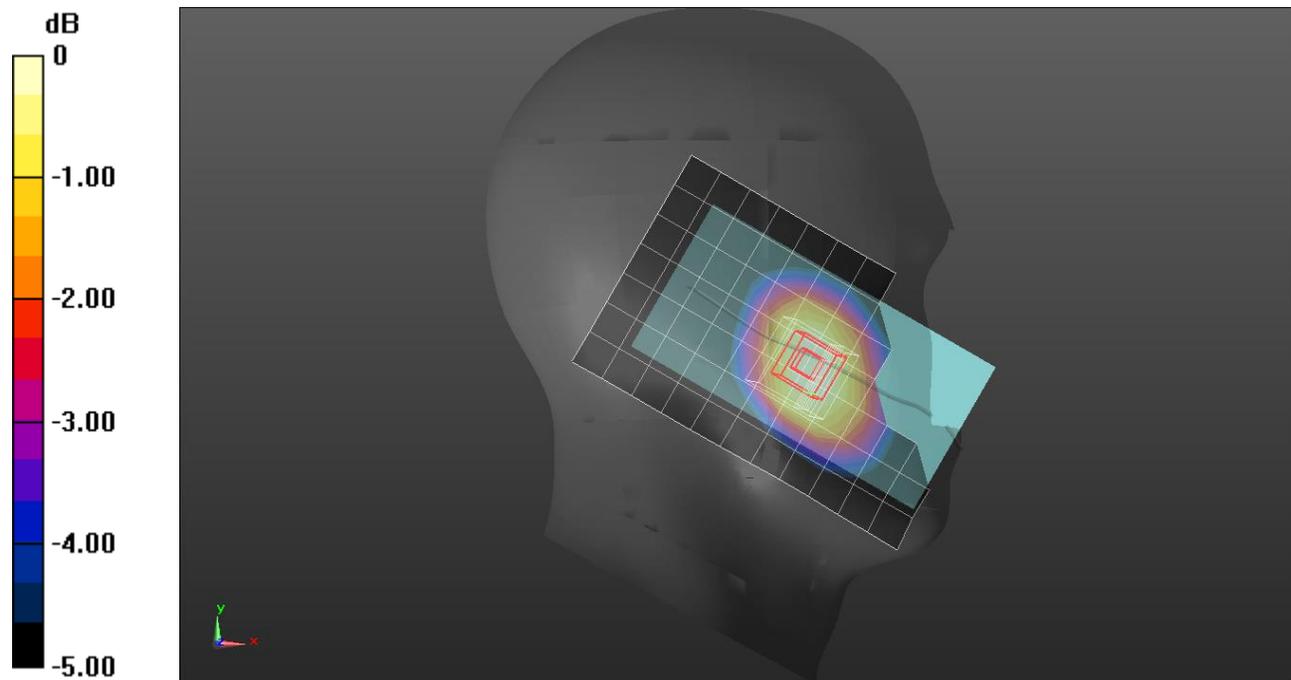Maximum value of SAR (measured) = 0.141 W/kg

LHS/Touch QPSK RB 1/25 ch.23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm
Reference Value = 12.89 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.159 W/kg
SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.096 W/kg
Maximum value of SAR (measured) = 0.139 W/kg

0 dB = 0.139 W/kg = −8.57 dBW/kg

LTE Band 12

Frequency: 707.5 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.89 S/m; ε_r = 41.748; ρ = 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 Sn1468; Calibrated: 2019-09-20
- Probe: EX3DV4 - SN7314; ConvF(9.91, 9.91, 9.91) @ 707.5 MHz; Calibrated: 2019-08-29
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/QPSK RB 1/25 ch.23095/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
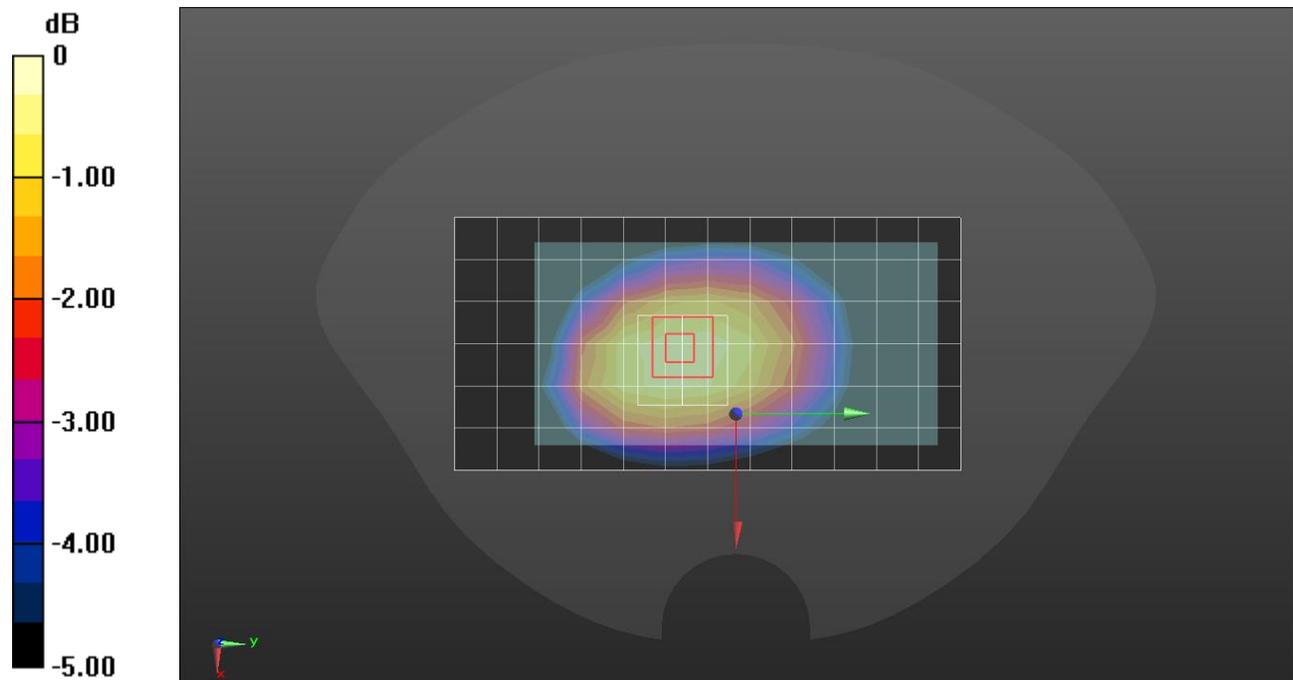Maximum value of SAR (measured) = 0.255 W/kg

Rear/QPSK RB 1/25 ch.23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 17.50 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.187 W/kg
Maximum value of SAR (measured) = 0.280 W/kg

0 dB = 0.280 W/kg = −5.53 dBW/kg

LTE Band 12

Frequency: 707.5 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.89 S/m; ε_r = 41.748; ρ = 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 Sn1468; Calibrated: 2019-09-20
- Probe: EX3DV4 - SN7314; ConvF(9.91, 9.91, 9.91) @ 707.5 MHz; Calibrated: 2019-08-29
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/QPSK RB 1/25 ch.23095/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
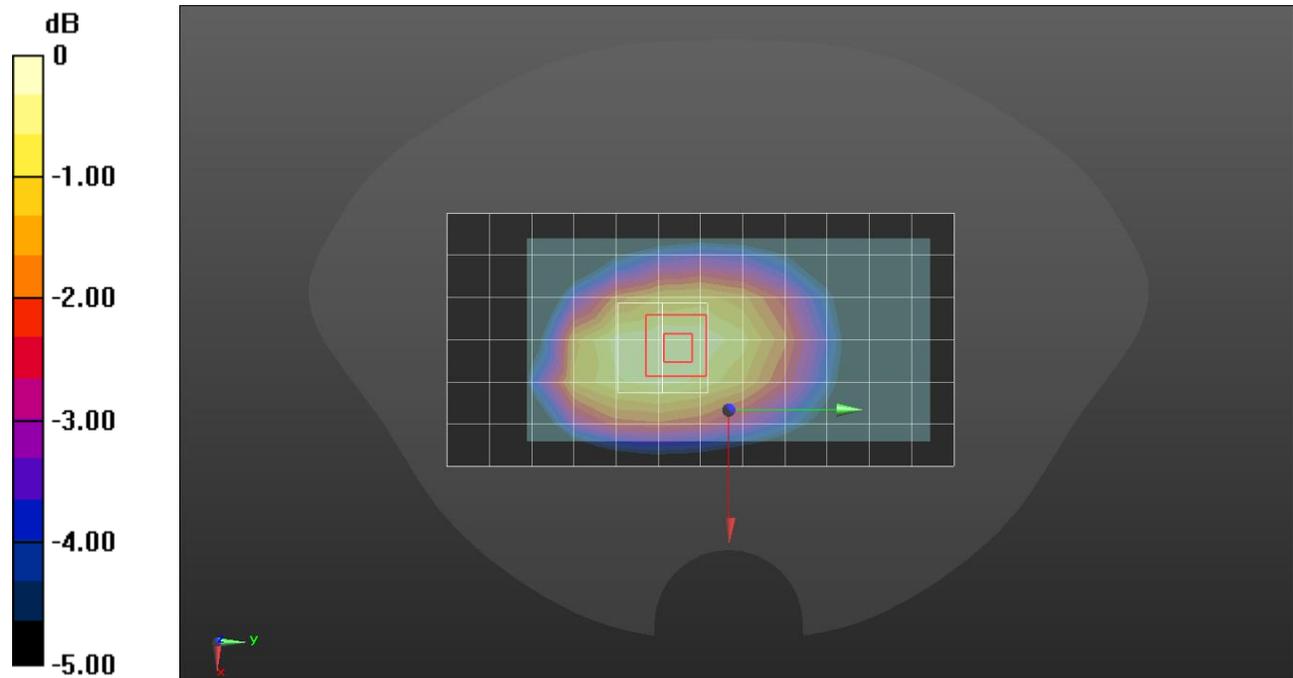Maximum value of SAR (measured) = 0.337 W/kg

Rear/QPSK RB 1/25 ch.23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 19.68 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.409 W/kg
SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.244 W/kg
Maximum value of SAR (measured) = 0.364 W/kg

0 dB = 0.364 W/kg = −4.39 dBW/kg

Wi-Fi 2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.8 S/m; $ε_r$ = 39.22; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 2019-09-20
- Probe: EX3DV4 - SN7314; ConvF(7.33, 7.33, 7.33) @ 2437 MHz; Calibrated: 2019-08-29
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

LHS/Touch 802.11 g mode ch.6 Ant 1/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
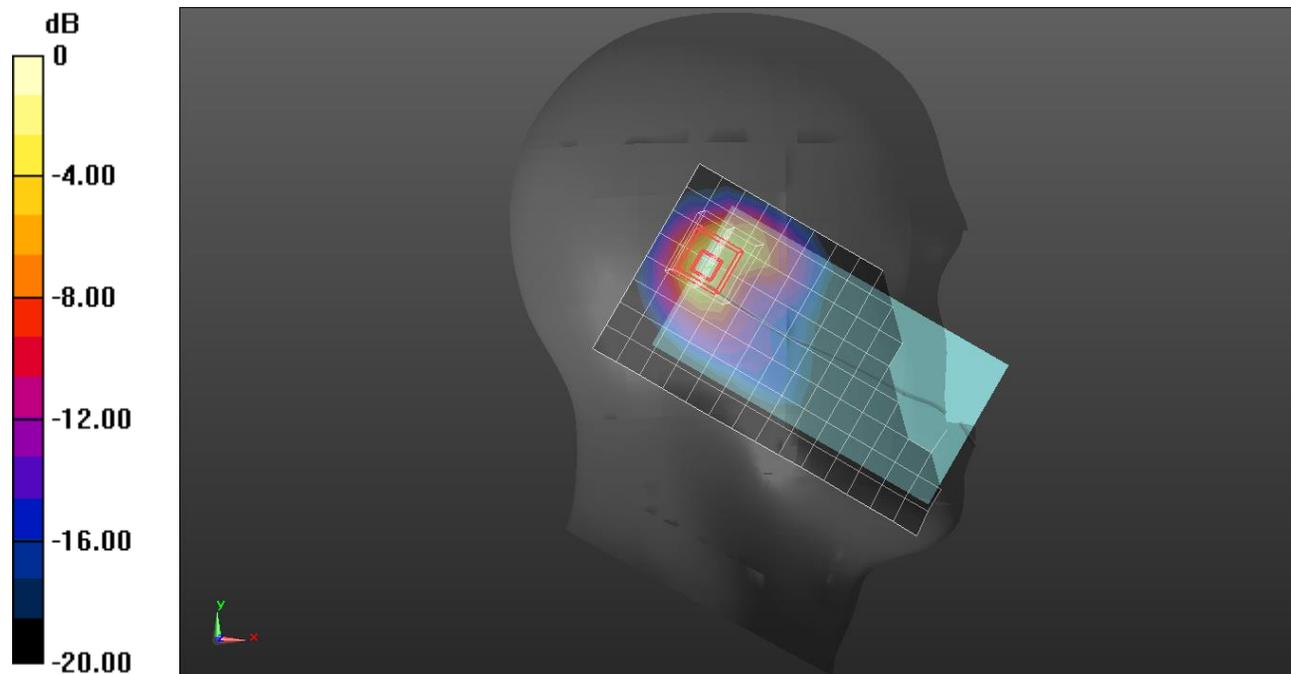Maximum value of SAR (measured) = 1.534 W/kg

LHS/Touch 802.11 g mode ch.6 Ant 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm
Reference Value = 30.27 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.48 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.417 W/kg
Maximum value of SAR (measured) = 1.56 W/kg

0 dB = 1.56 W/kg = 1.93 dBW/kg

Wi-Fi 2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.8 S/m; ε_r = 39.22; ρ = 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 Sn1468; Calibrated: 2019-09-20
- Probe: EX3DV4 - SN7314; ConvF(7.33, 7.33, 7.33) @ 2437 MHz; Calibrated: 2019-08-29
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/802.11 b mode ch.6 Ant 1/Area Scan (16x9x1): Measurement grid: dx=12mm, dy=12mm
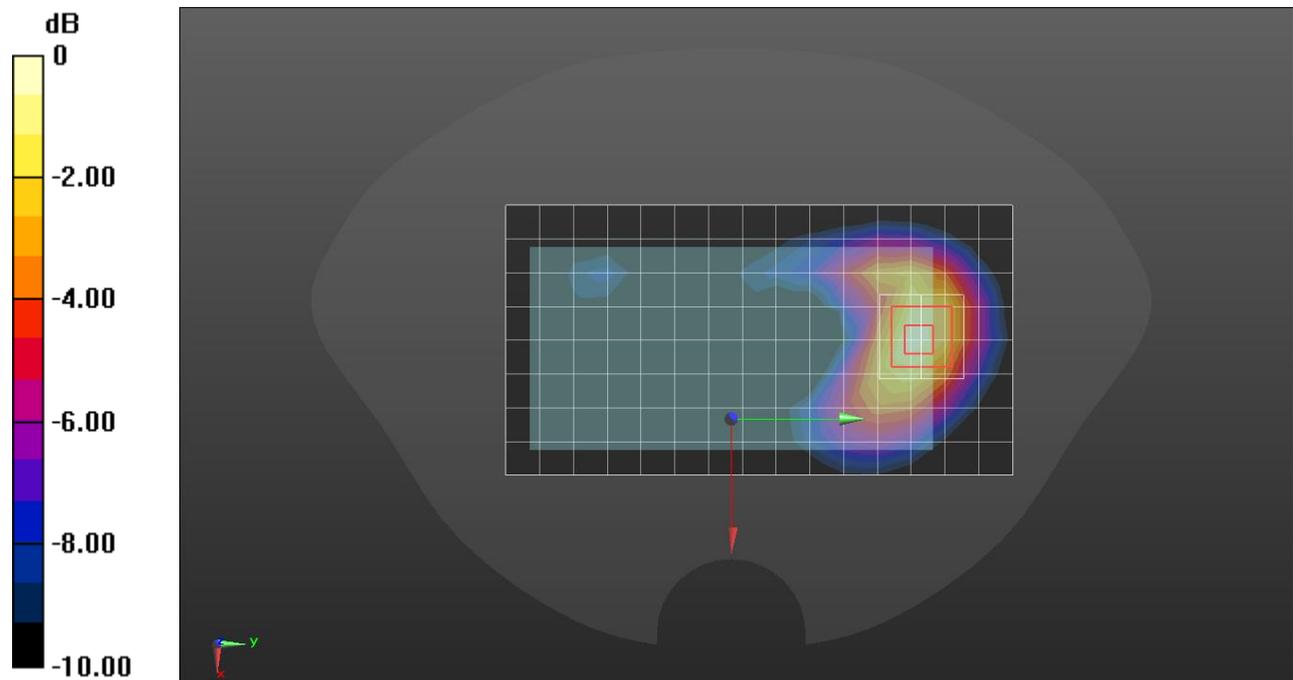Maximum value of SAR (measured) = 0.204 W/kg

Rear/802.11 b mode ch.6 Ant 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,
dz=5mm
Reference Value = 10.77 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.288 W/kg
SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.078 W/kg
Maximum value of SAR (measured) = 0.206 W/kg

0 dB = 0.206 W/kg = −6.86 dBW/kg

Wi-Fi 2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.8 S/m; ε_r = 39.22; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 2019-09-20
- Probe: EX3DV4 - SN7314; ConvF(7.33, 7.33, 7.33) @ 2437 MHz; Calibrated: 2019-08-29
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/802.11 b mode ch.6 Ant 1/Area Scan (16x9x1): Measurement grid: dx=12mm, dy=12mm
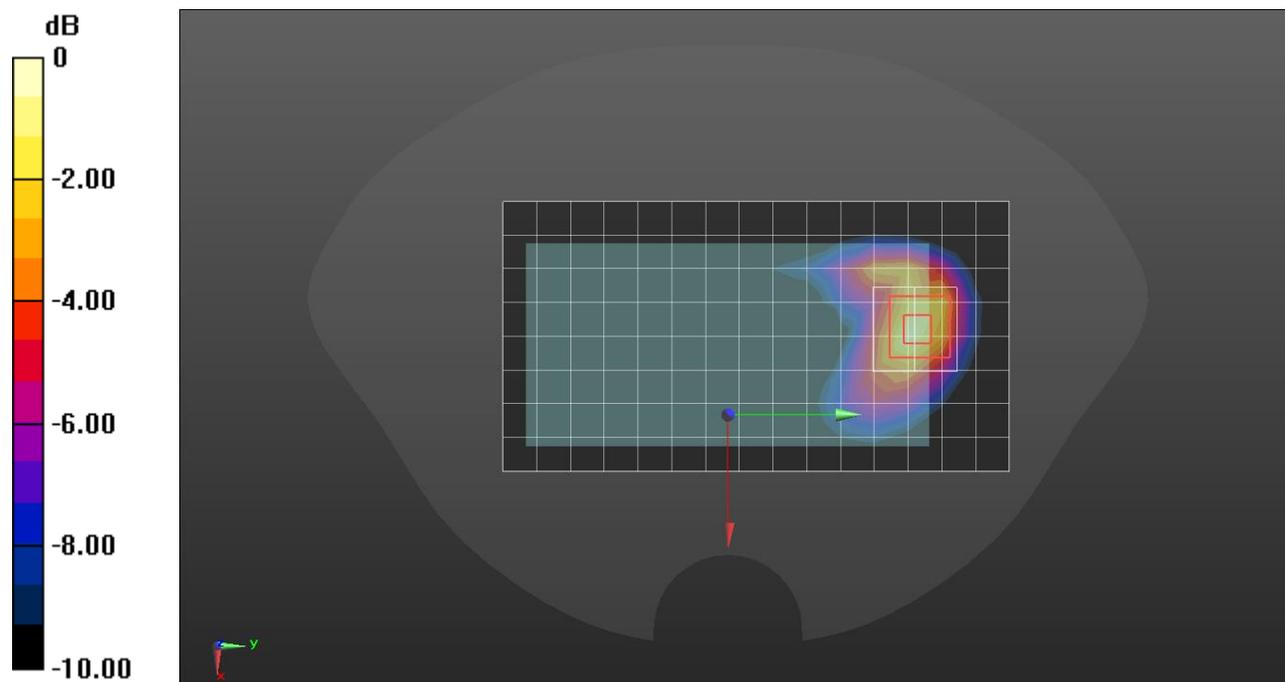Maximum value of SAR (measured) = 0.421 W/kg

Rear/802.11 b mode ch.6 Ant 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.85 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.667 W/kg
SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.154 W/kg
Maximum value of SAR (measured) = 0.467 W/kg

0 dB = 0.467 W/kg = −3.31 dBW/kg

Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1.29033;   Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.808 S/m; ε_r = 38.186; ρ = 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 Sn1468; Calibrated: 2019-09-20
- Probe: EX3DV4 - SN7314; ConvF(7.33, 7.33, 7.33) @ 2441 MHz; Calibrated: 2019-08-29
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

LHS/Touch GFSK ch.39/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
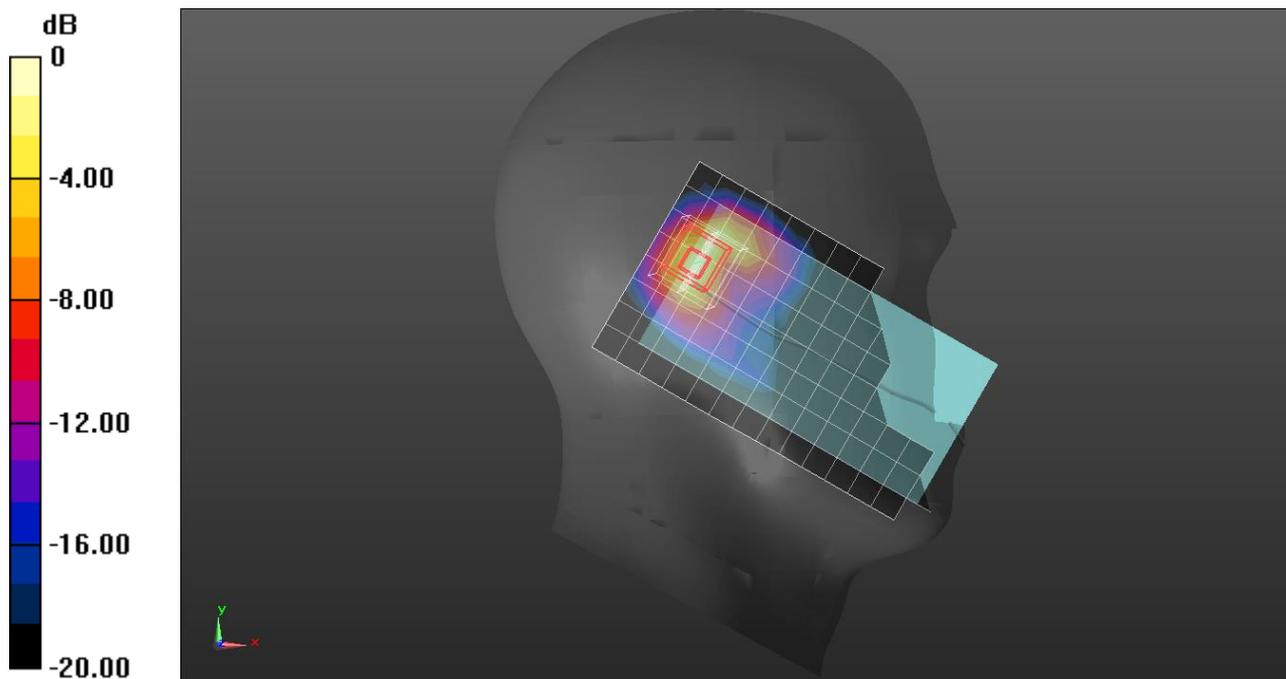Maximum value of SAR (measured) = 0.132 W/kg

LHS/Touch GFSK ch.39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.962 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.291 W/kg
SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.187 W/kg

0 dB = 0.187 W/kg = −7.28 dBW/kg