GSM 850

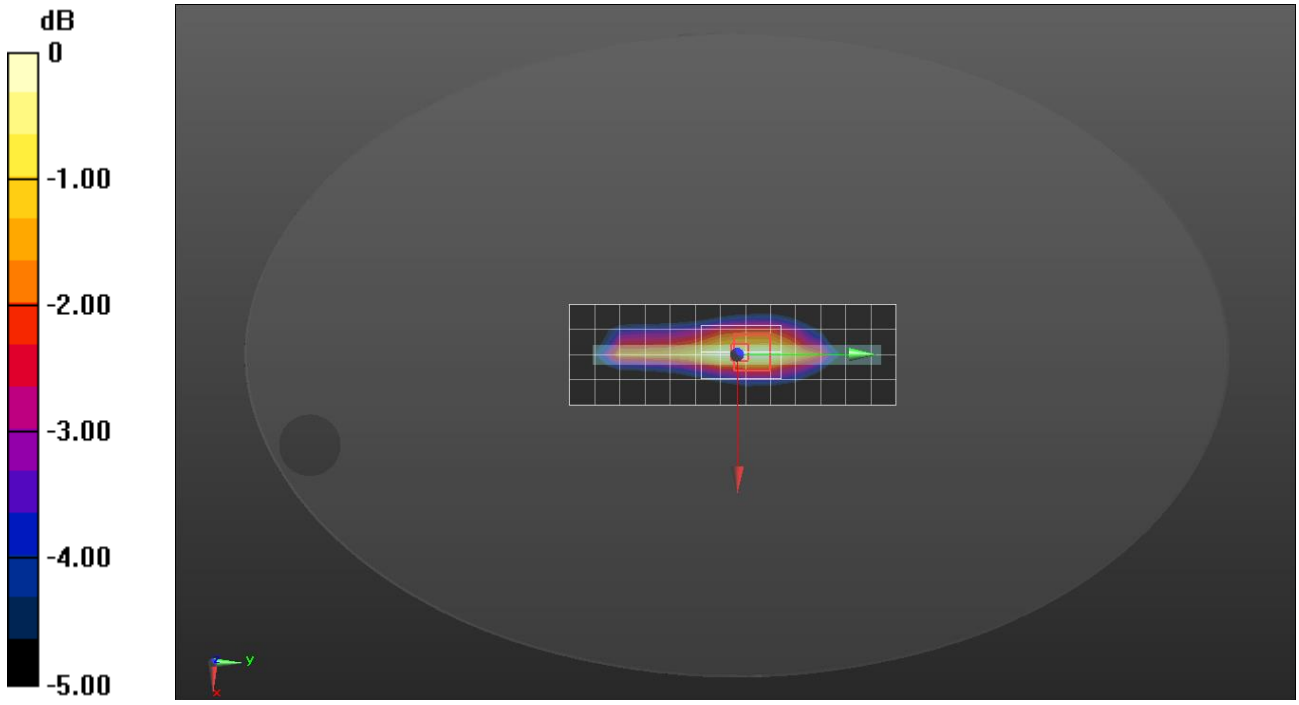
Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.929 S/m; ε_r = 42.05; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(10.3, 10.3, 10.3) @ 836.6 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Edge 2/GPRS 4 slot ch.190/Area Scan (14x5x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.924 W/kg

Edge 2/GPRS 4 slot ch.190/Zoom Scan (5x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.52 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.674 W/kg; SAR(10 g) = 0.435 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 0.924 W/kg = −0.34 dBW/kg

GSM 1900

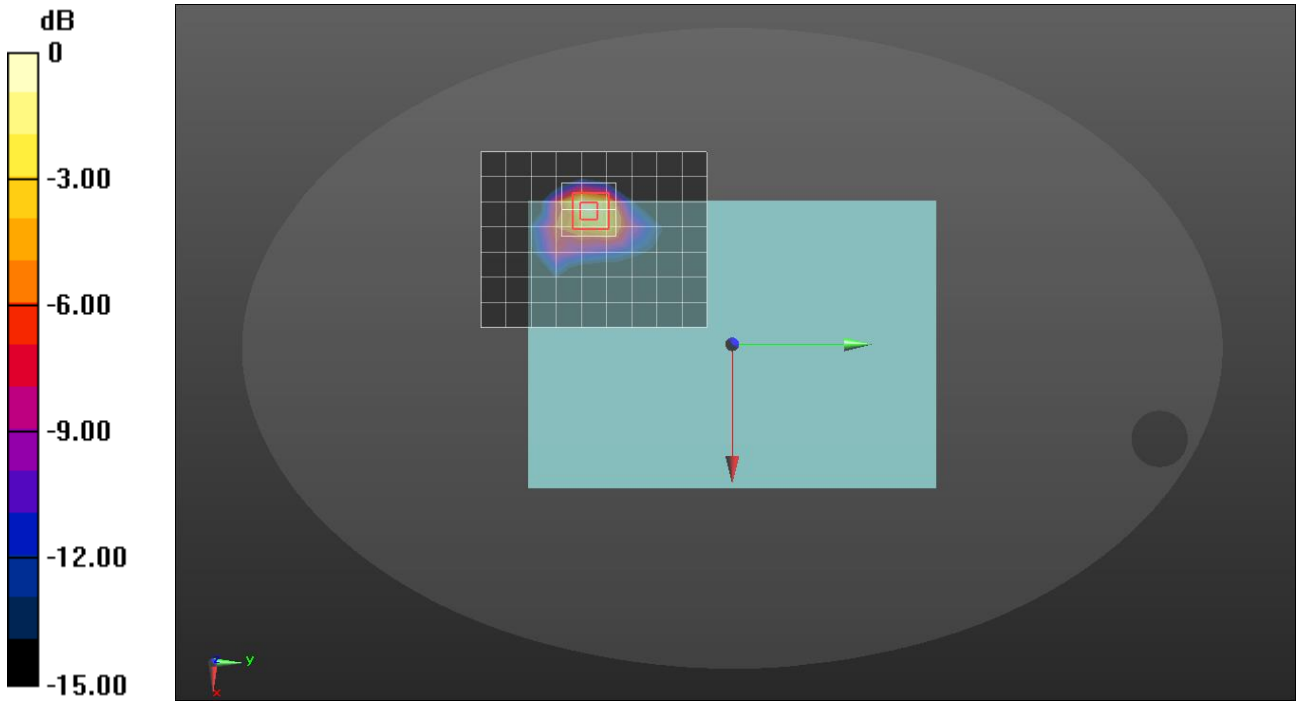
Frequency: 1880 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1880 MHz; σ = 1.424 S/m; ε_r = 38.911; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1671; Calibrated: 2022-05-31
- Probe: EX3DV4 - SN7651; ConvF(8.57, 8.57, 8.57) @ 1880 MHz; Calibrated: 2022-05-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

Rear/GPRS 1 slot ch.661/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.792 W/kg

Rear/GPRS 1 slot ch.661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.40 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.332 W/kg
Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 0.792 W/kg = −1.01 dBW/kg

W-CDMA Band II

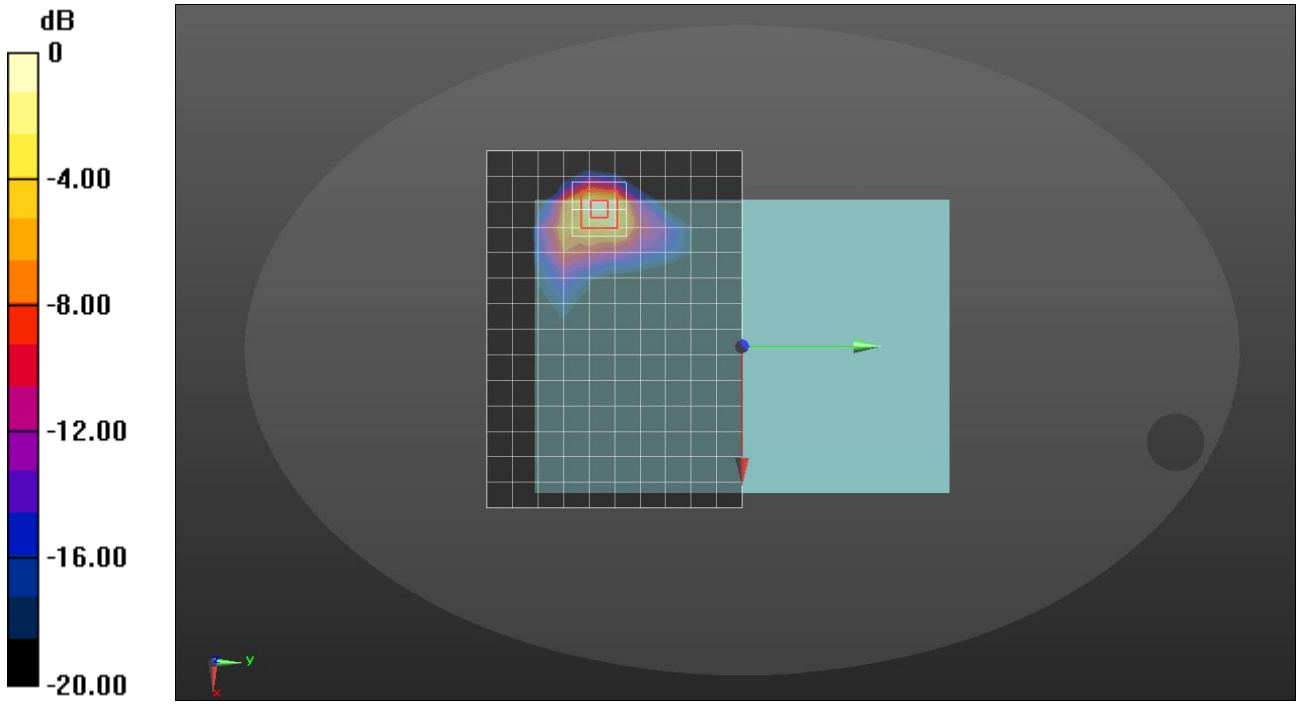
Frequency: 1852.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.409 S/m; ε_r = 38.507; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1671; Calibrated: 2022-05-31
- Probe: EX3DV4 - SN7314; ConvF(8.08, 8.08, 8.08) @ 1852.4 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

Rear/Rel.99 ch.9262/Area Scan (15x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.05 W/kg

Rear/Rel.99 ch.9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.71 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 2.40 W/kg
SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.407 W/kg
Maximum value of SAR (measured) = 1.90 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

W-CDMA Band IV

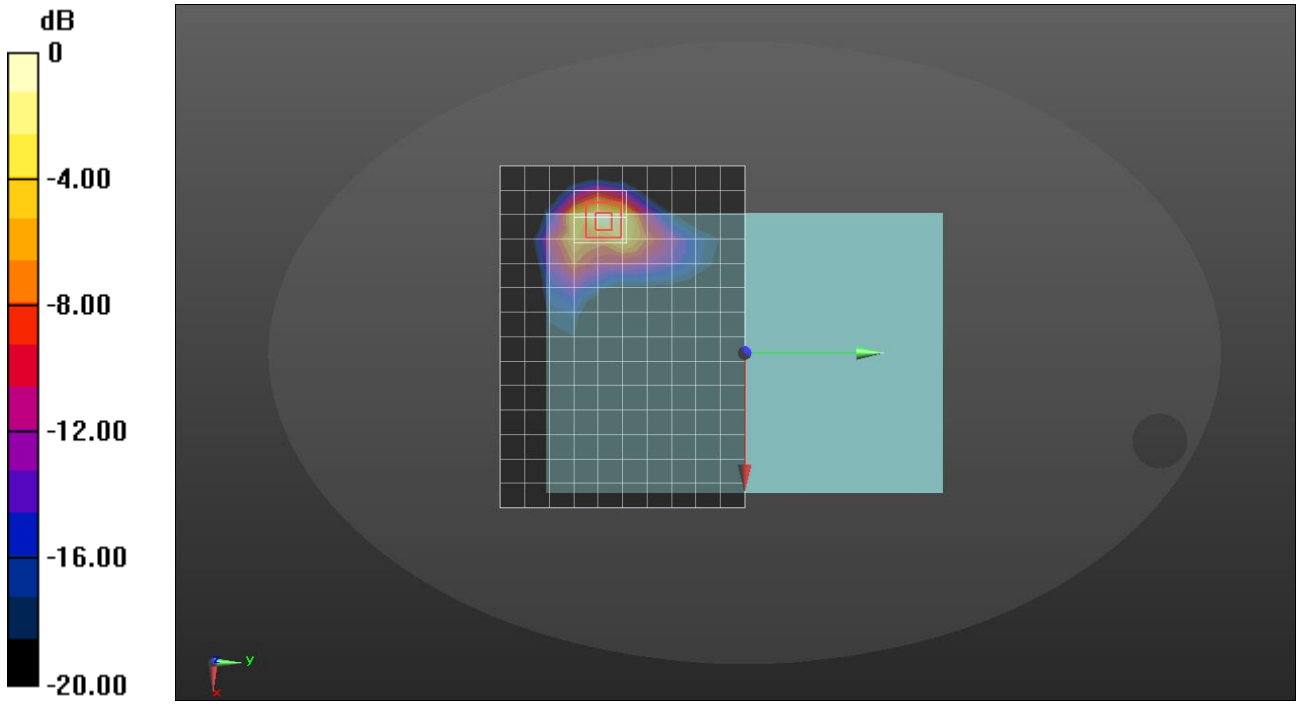
Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.356 S/m; ε_r = 39.453; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Probe: EX3DV4 - SN7651; ConvF(8.93, 8.93, 8.93) @ 1732.6 MHz; Calibrated: 2022-05-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 003 AA; Serial: 2013

Rear/Rel.99 ch.1413/Area Scan (15x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.27 W/kg

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

Reference Value = 30.00 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.401 W/kg
Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

W-CDMA Band V

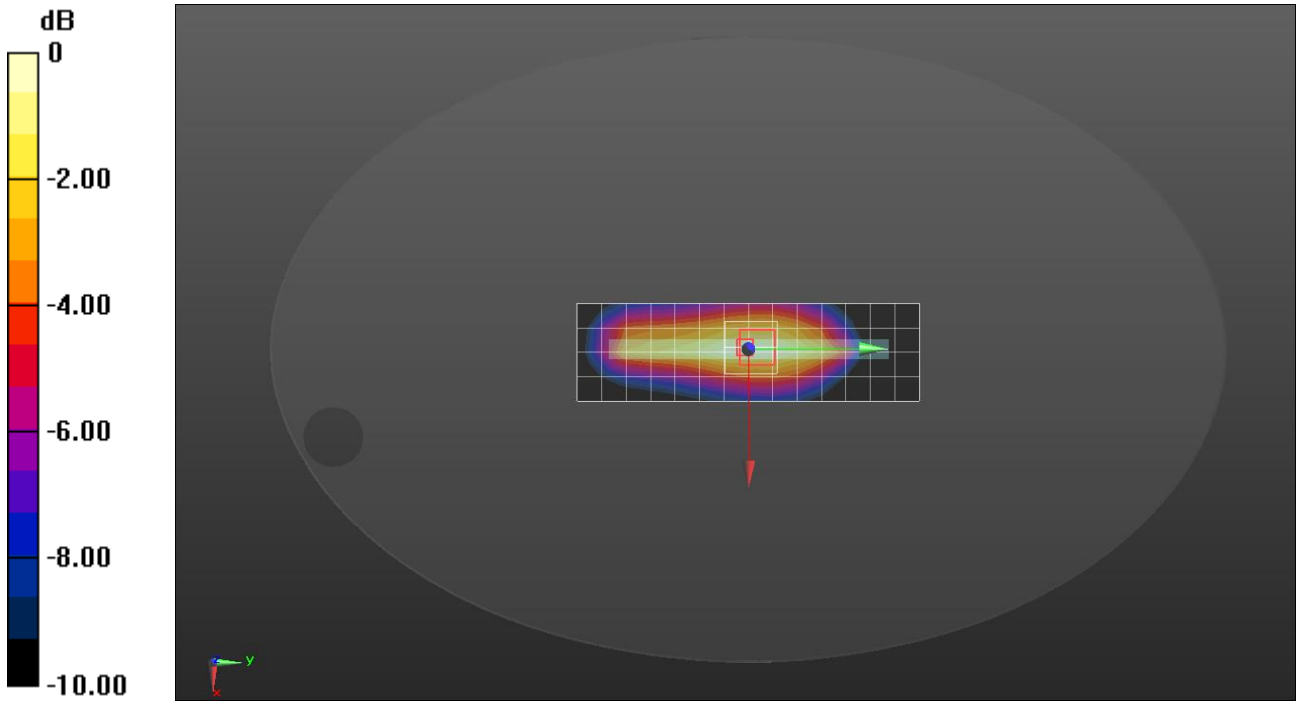
Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.929 S/m; ε_r = 42.05; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(10.3, 10.3, 10.3) @ 836.6 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Edge 2/Rel.99 ch.4183/Area Scan (15x5x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.768 W/kg

Edge 2/Rel.99 ch.4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.53 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.366 W/kg
Maximum value of SAR (measured) = 0.851 W/kg



0 dB = 0.768 W/kg = −1.15 dBW/kg

LTE Band 5

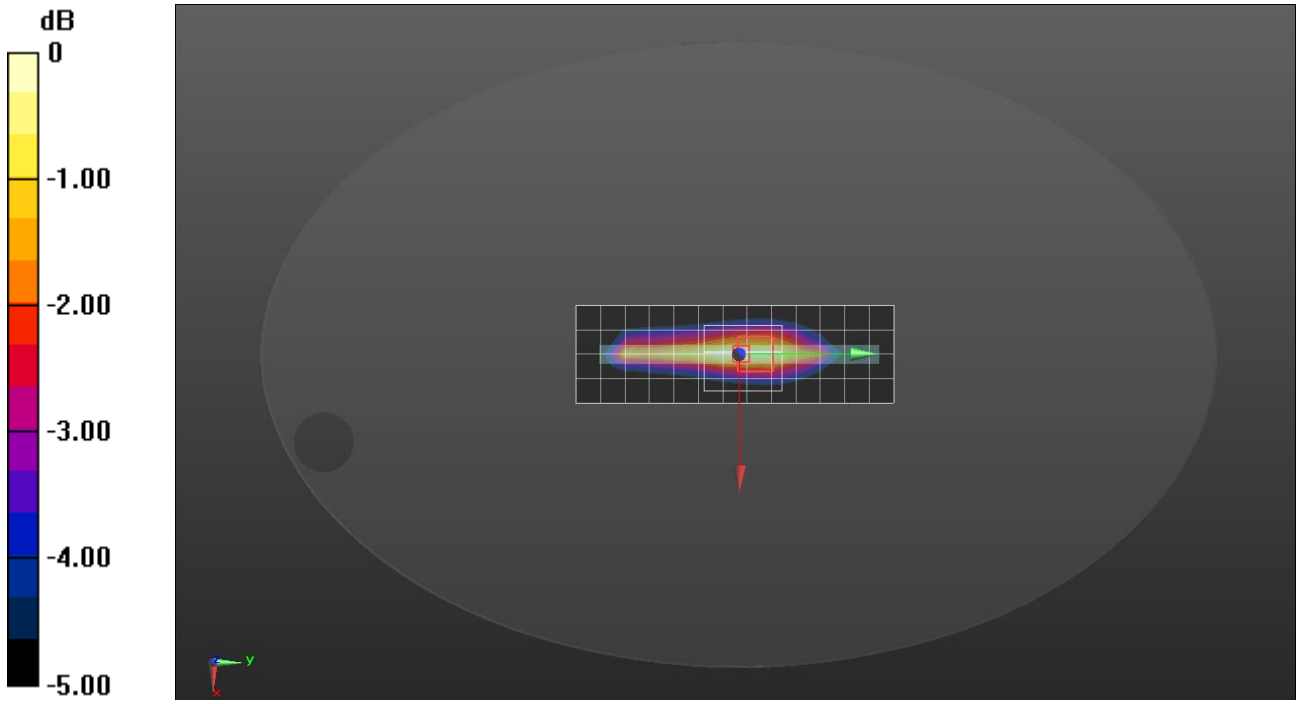
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.929 S/m; ε_r = 42.051; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(10.3, 10.3, 10.3) @ 836.5 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Edge 2/QPSK RB 1/25 ch.20525/Area Scan (14x5x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.685 W/kg

Edge 2/QPSK RB 1/25 ch.20525/Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.96 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.298 W/kg
Maximum value of SAR (measured) = 0.687 W/kg



0 dB = 0.685 W/kg = −1.64 dBW/kg

LTE Band 12

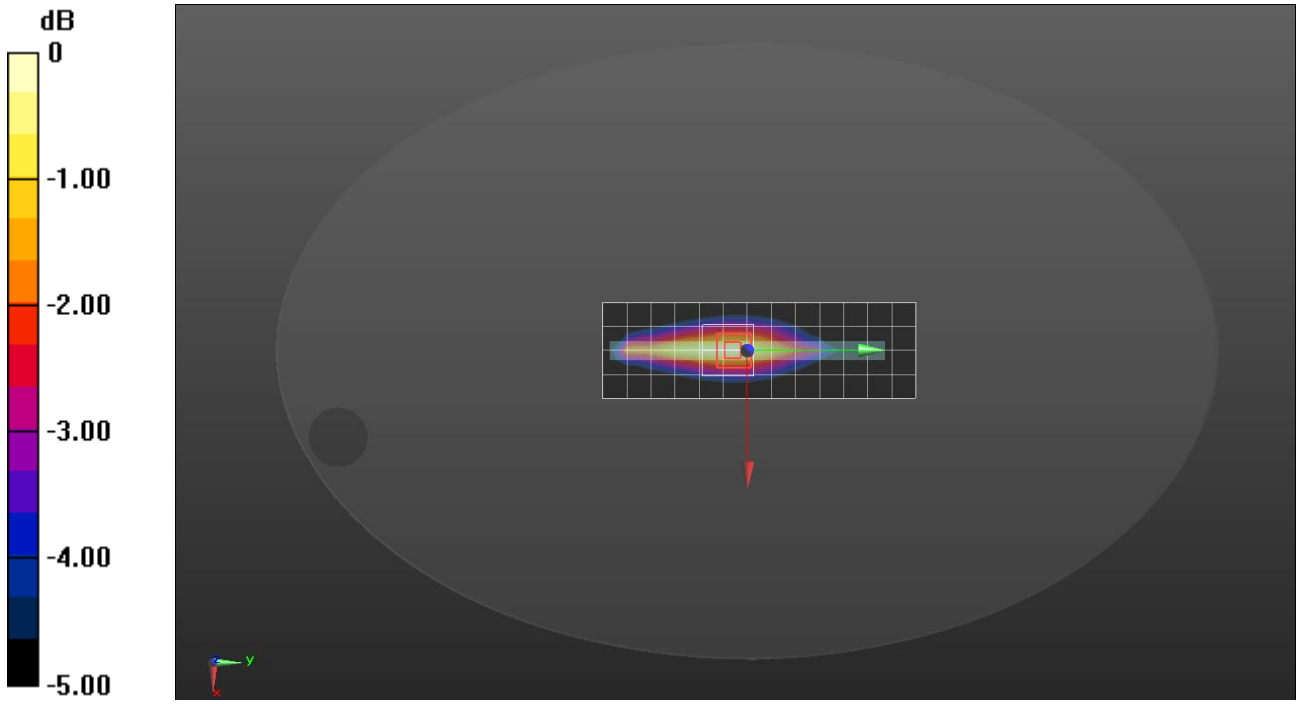
Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.86 S/m; ε_r = 42.25; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(10.57, 10.57, 10.57) @ 707.5 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Edge 2/QPSK RB 1/49 ch.23095/Area Scan (14x5x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.413 W/kg

Edge 2/QPSK RB 1/49 ch.23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.99 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.492 W/kg
SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.182 W/kg
Maximum value of SAR (measured) = 0.410 W/kg



0 dB = 0.413 W/kg = −3.84 dBW/kg

LTE Band 17

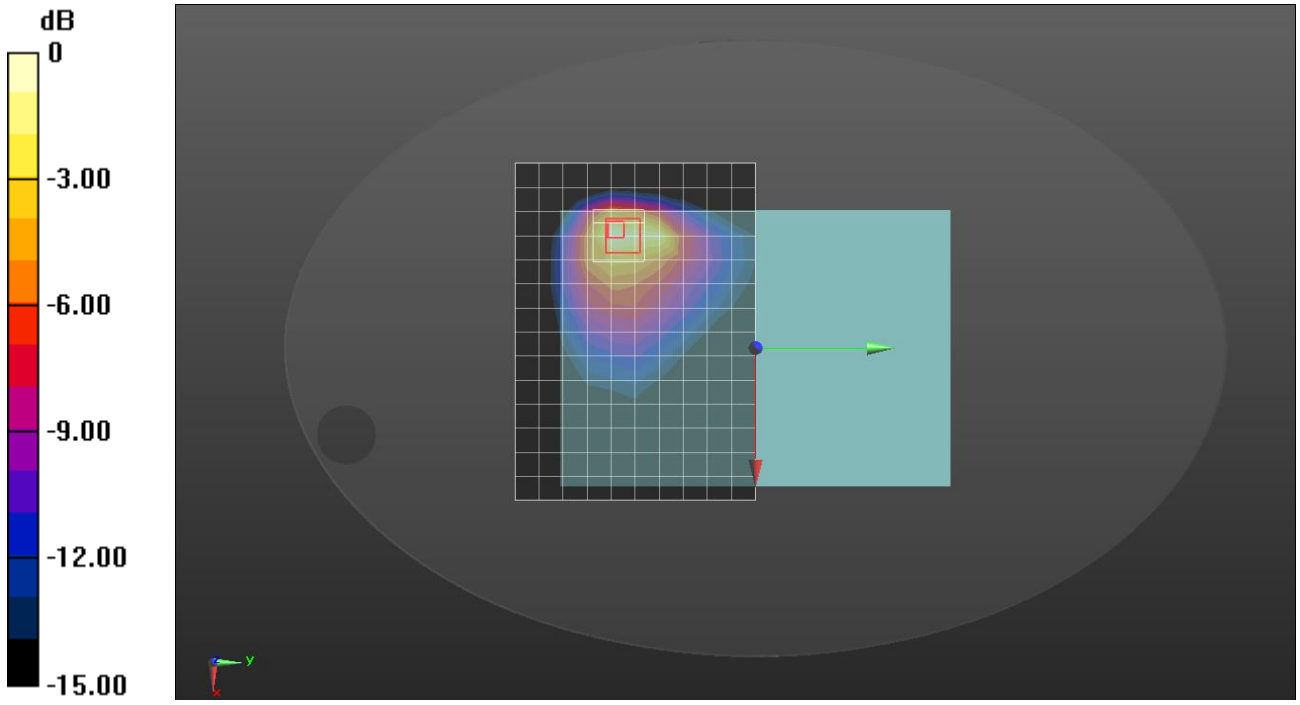
Frequency: 710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 710 MHz; σ = 0.869 S/m; ε_r = 40.756; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(10.57, 10.57, 10.57) @ 710 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Rear/QPSK RB 25/12 ch.23790/Area Scan (15x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.490 W/kg

Rear/QPSK RB 25/12 ch.23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.45 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.919 W/kg
SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.160 W/kg
Maximum value of SAR (measured) = 0.506 W/kg



0 dB = 0.490 W/kg = −3.10 dBW/kg

LTE Band 13

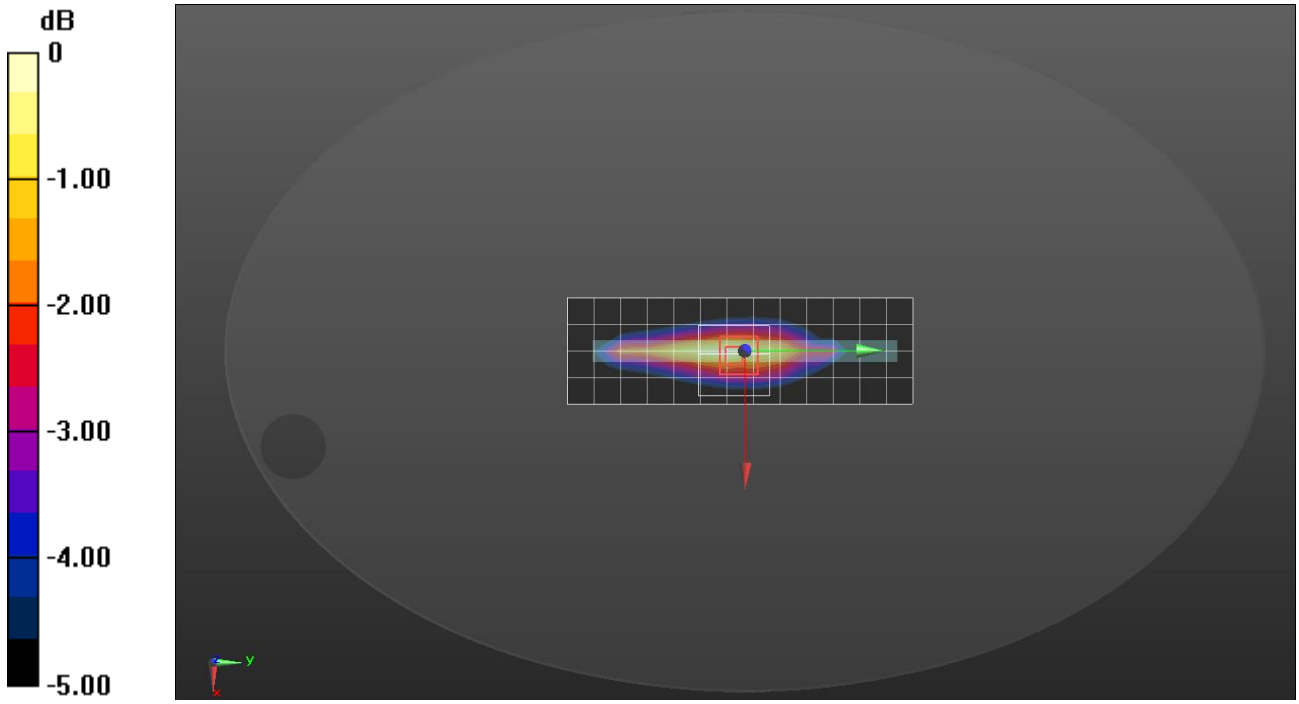
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 782 MHz; σ = 0.901 S/m; ε_r = 42.121; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(10.57, 10.57, 10.57) @ 782 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Edge 2/QPSK RB 1/25 ch.23230/Area Scan (14x5x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.761 W/kg

Edge 2/QPSK RB 1/25 ch.23230/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.21 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.888 W/kg
SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.332 W/kg
Maximum value of SAR (measured) = 0.751 W/kg



0 dB = 0.761 W/kg = −1.19 dBW/kg

LTE Band 25

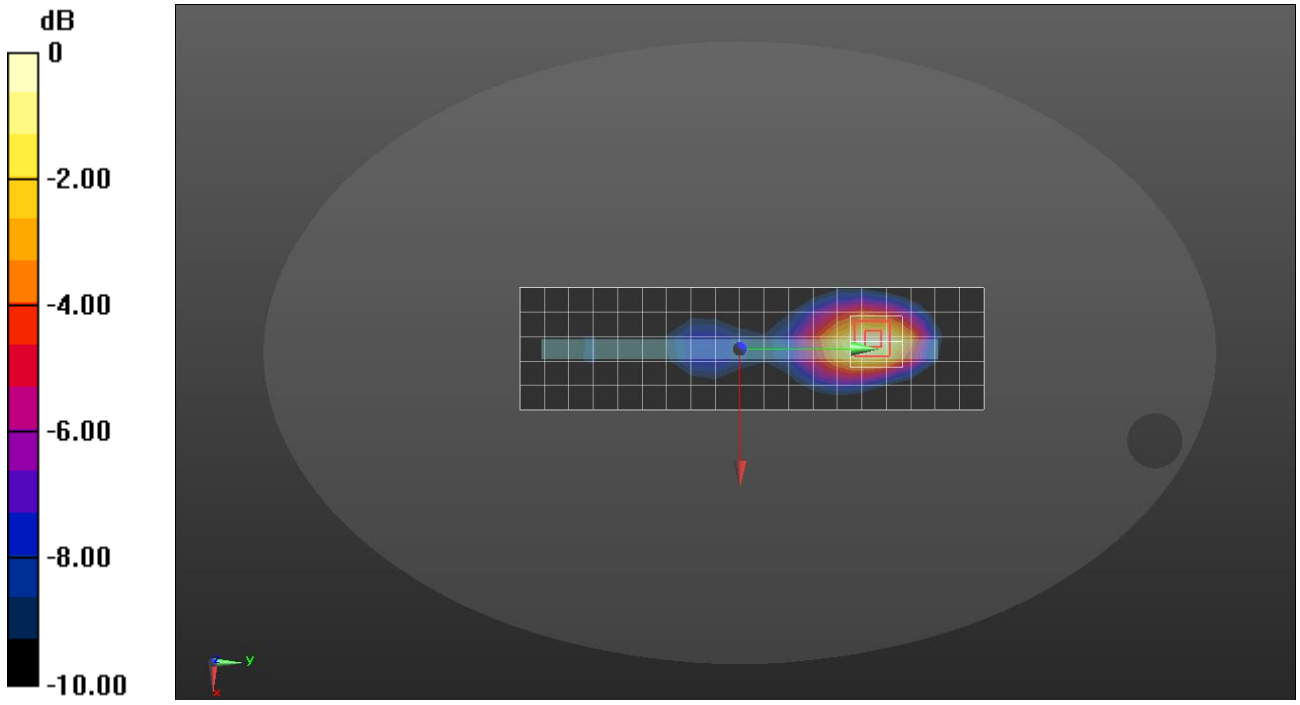
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.431 S/m; ε_r = 38.604; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1671; Calibrated: 2022-05-31
- Probe: EX3DV4 - SN7314; ConvF(8.08, 8.08, 8.08) @ 1882.5 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

Edge 1/QPSK RB 1/0 ch.26365/Area Scan (20x6x1): Measurement grid: dx=15mm, dy=15mm

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

Edge 1/QPSK RB 1/0 ch.26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.72 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.506 W/kg
Maximum value of SAR (measured) = 1.30 W/kg



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

LTE Band 26

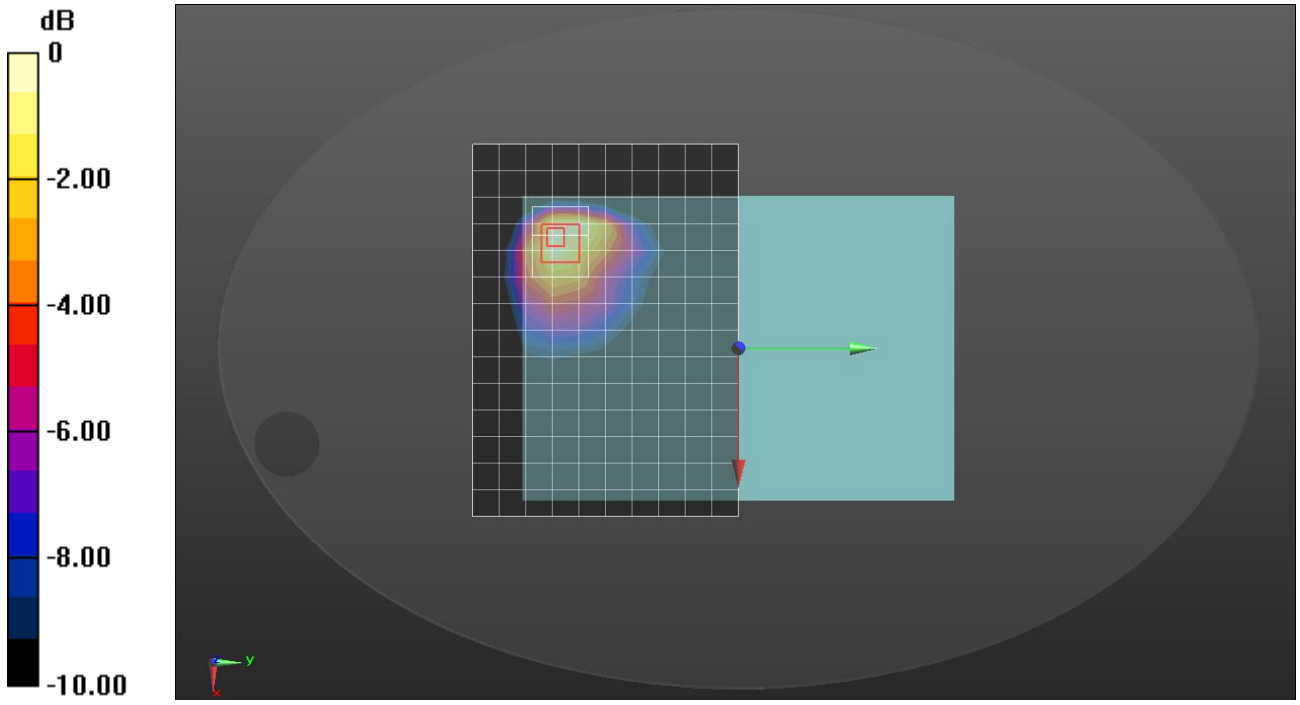
Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.927 S/m; ε_r = 42.063; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(10.3, 10.3, 10.3) @ 831.5 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Rear/QPSK RB 36/20 ch.26865/Area Scan (15x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.533 W/kg

Rear/QPSK RB 36/20 ch.26865/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.77 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.235 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 0.533 W/kg = −2.73 dBW/kg

LTE Band 41

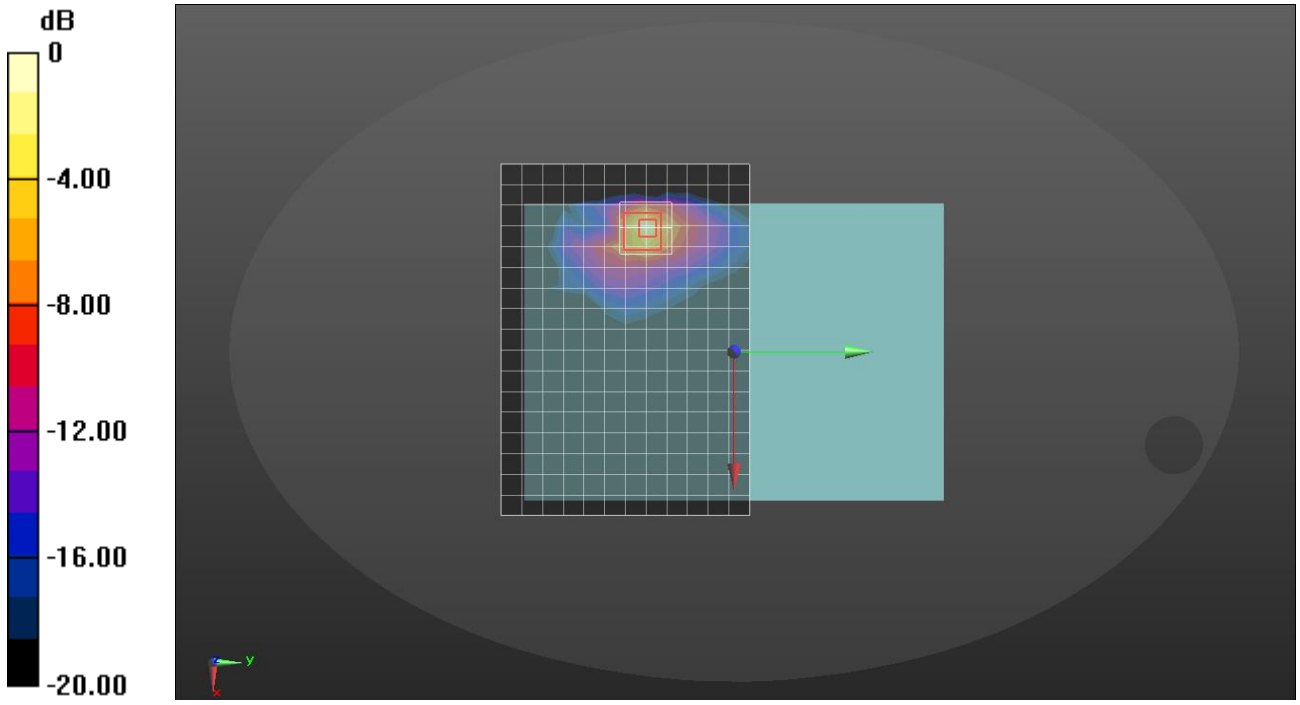
Frequency: 2506 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2506 MHz; σ = 1.828 S/m; ε_r = 38.973; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 2022-03-24
- Probe: EX3DV4 - SN7652; ConvF(7.94, 7.94, 7.94) @ 2506 MHz; Calibrated: 2022-04-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

Rear/QPSK RB 50/50 ch.39750/Area Scan (18x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.73 W/kg

Rear/QPSK RB 50/50 ch.39750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.68 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.77 W/kg
SAR(1 g) = 0.791 W/kg; SAR(10 g) = 0.298 W/kg
Maximum value of SAR (measured) = 1.71 W/kg



0 dB = 1.73 W/kg = 2.38 dBW/kg

LTE Band 66

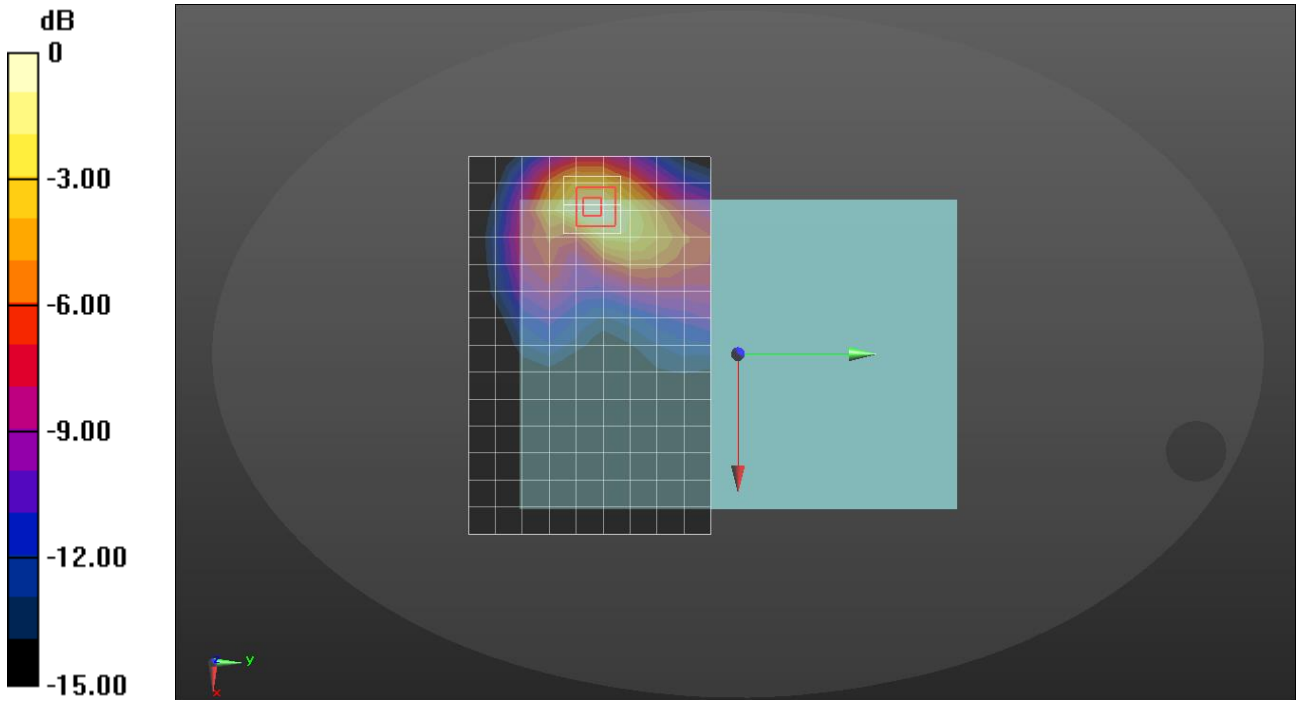
Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1770 MHz; σ = 1.436 S/m; ε_r = 38.611; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Probe: EX3DV4 - SN7651; ConvF(8.93, 8.93, 8.93) @ 1770 MHz; Calibrated: 2022-05-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 003 AA; Serial: 2013

Rear/QPSK RB 1/49 ch.132572/Area Scan (15x10x1): Measurement grid: dx=15mm, dy=15mm

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

Rear/QPSK RB 1/49 ch.132572/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.83 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.530 W/kg
Maximum value of SAR (measured) = 1.31 W/kg



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

NR Band n5

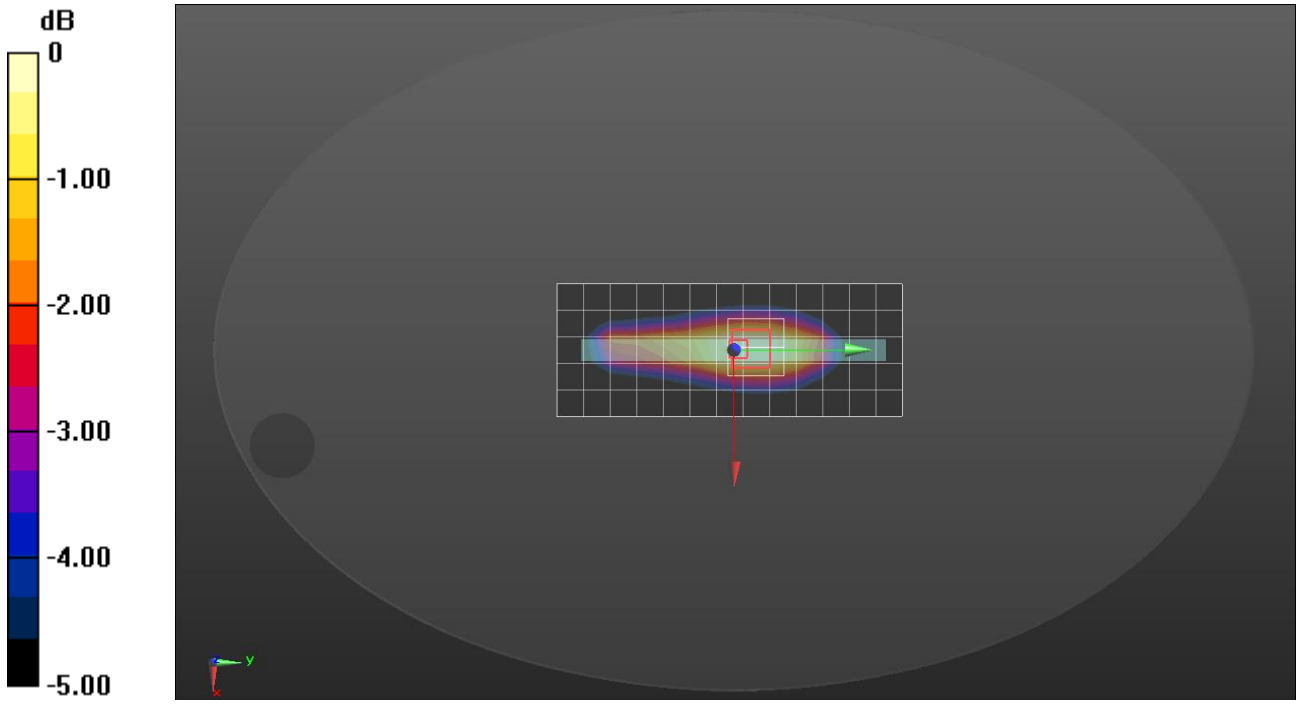
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.929 S/m; ε_r = 42.051; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(10.3, 10.3, 10.3) @ 836.5 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Edge 2/QPSK RB 1/1 ch.167300/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.483 W/kg

Edge 2/QPSK RB 1/1 ch.167300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.04 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.791 W/kg
SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.285 W/kg
Maximum value of SAR (measured) = 0.654 W/kg



0 dB = 0.483 W/kg = −3.16 dBW/kg

NR Band n66

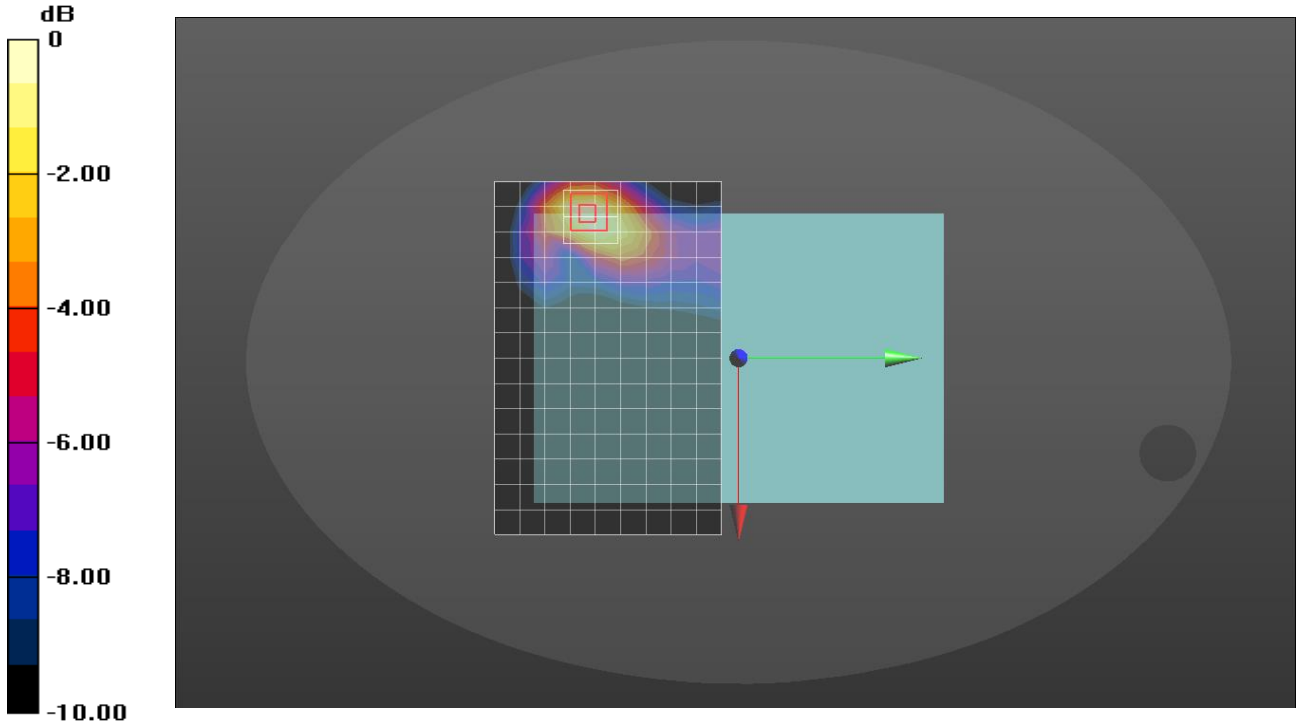
Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1770 MHz; σ = 1.439 S/m; ε_r = 40.31; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1671; Calibrated: 2022-05-31
- Probe: EX3DV4 - SN7651; ConvF(8.93, 8.93, 8.93) @ 1770 MHz; Calibrated: 2022-05-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

Rear/QPSK RB 50/28 ch.354000/Area Scan (15x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.883 W/kg

Rear/QPSK RB 50/28 ch.354000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.62 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.440 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 0.883 W/kg = −0.54 dBW/kg

Wi-Fi 2.4 GHz

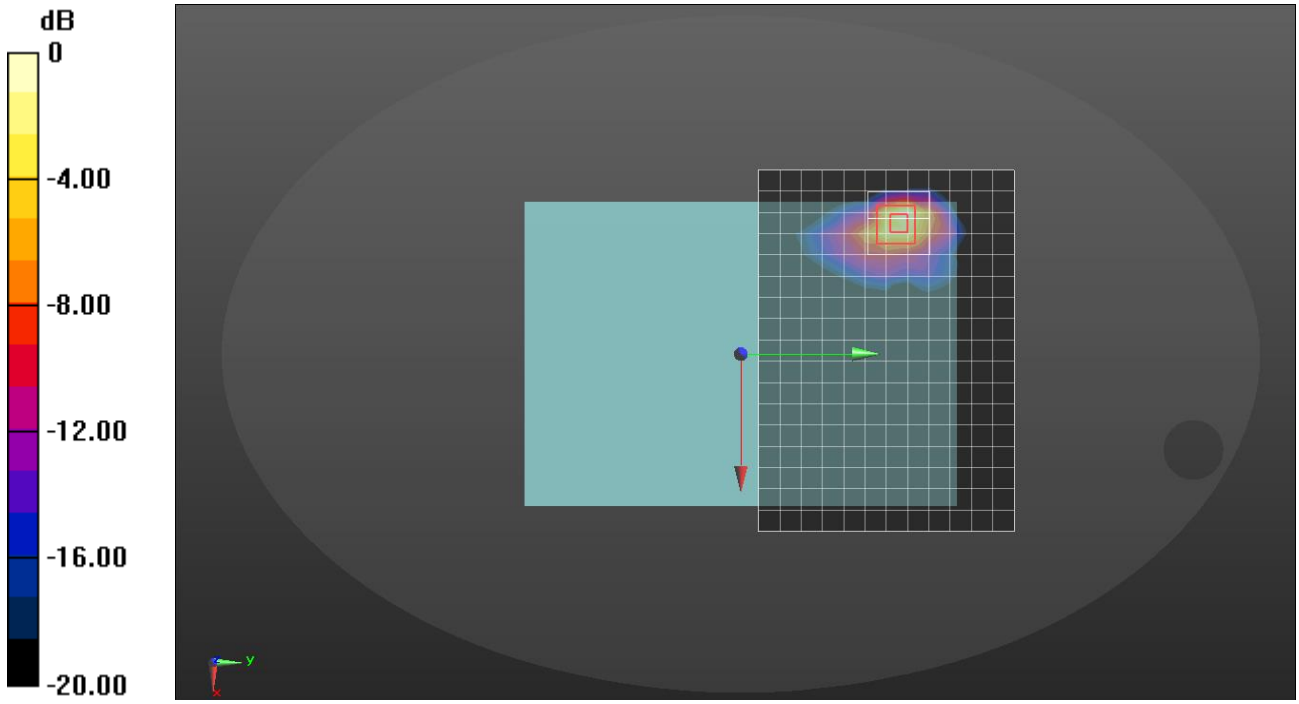
Frequency: 2462 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.764 S/m; ε_r = 39.187; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1670; Calibrated: 2022-06-07
- Probe: EX3DV4 - SN7645; ConvF(8.25, 8.25, 8.25) @ 2462 MHz; Calibrated: 2022-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

Rear/802.11 b mode ch.11 Ant.1/Area Scan (18x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.757 W/kg

Rear/802.11 b mode ch.11 Ant.1/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.48 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.167 W/kg
Maximum value of SAR (measured) = 0.939 W/kg



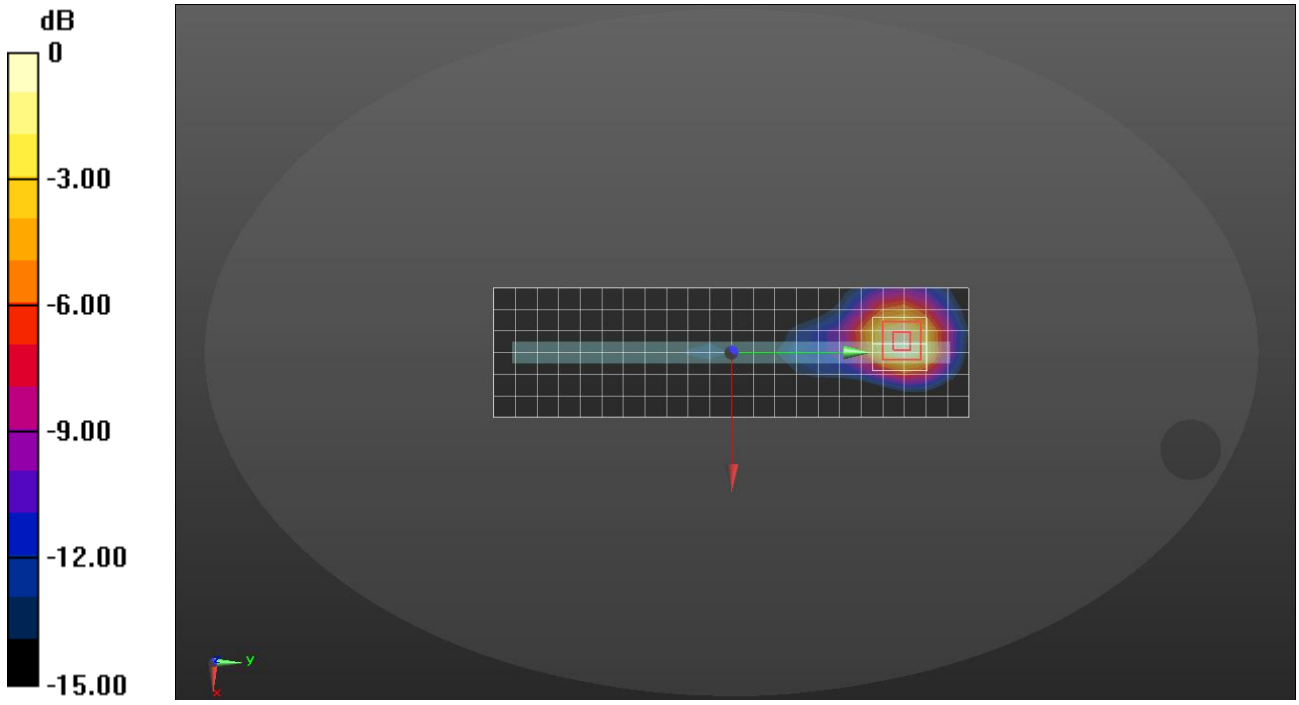
0 dB = 0.757 W/kg = −1.21 dBW/kg

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 = 1.777 S/m; ε_r = 39.063; 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 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 2022-03-24
- Probe: EX3DV4 - SN7652; ConvF(8.4, 8.4, 8.4) @ 2437 MHz; Calibrated: 2022-04-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

Edge 3/802.11 b mode ch.6 SISO Ant.2/Area Scan (7x23x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.868 W/kg

Edge 3/802.11 b mode ch.6 SISO Ant.2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.72 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.631 W/kg; SAR(10 g) = 0.308 W/kg
Maximum value of SAR (measured) = 0.998 W/kg



0 dB = 0.868 W/kg = −0.61 dBW/kg

Wi-Fi 2.4 GHz

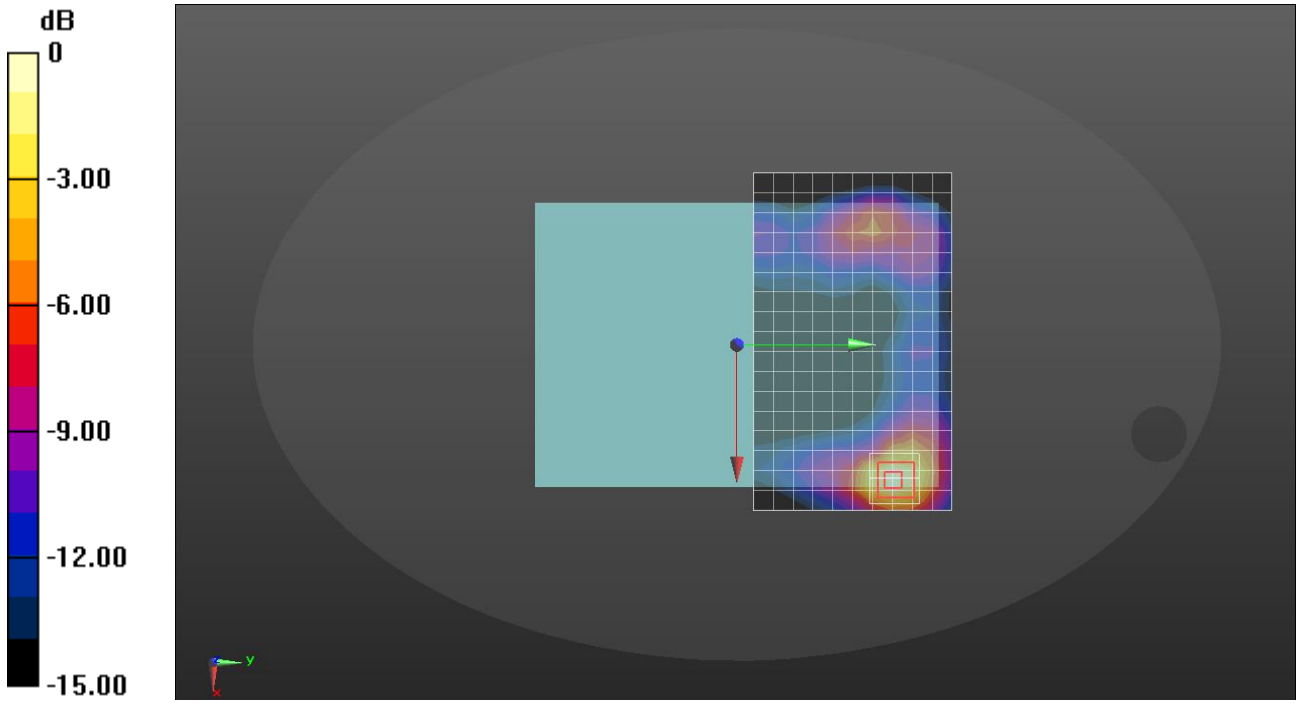
Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.746 S/m; ε_r = 39.224; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1670; Calibrated: 2022-06-07
- Probe: EX3DV4 - SN7645; ConvF(8.25, 8.25, 8.25) @ 2437 MHz; Calibrated: 2022-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

Rear/802.11 g mode ch.6 MIMO/Area Scan (18x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.884 W/kg

Rear/802.11 g mode ch.6 MIMO/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.70 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.313 W/kg
Maximum value of SAR (measured) = 0.999 W/kg



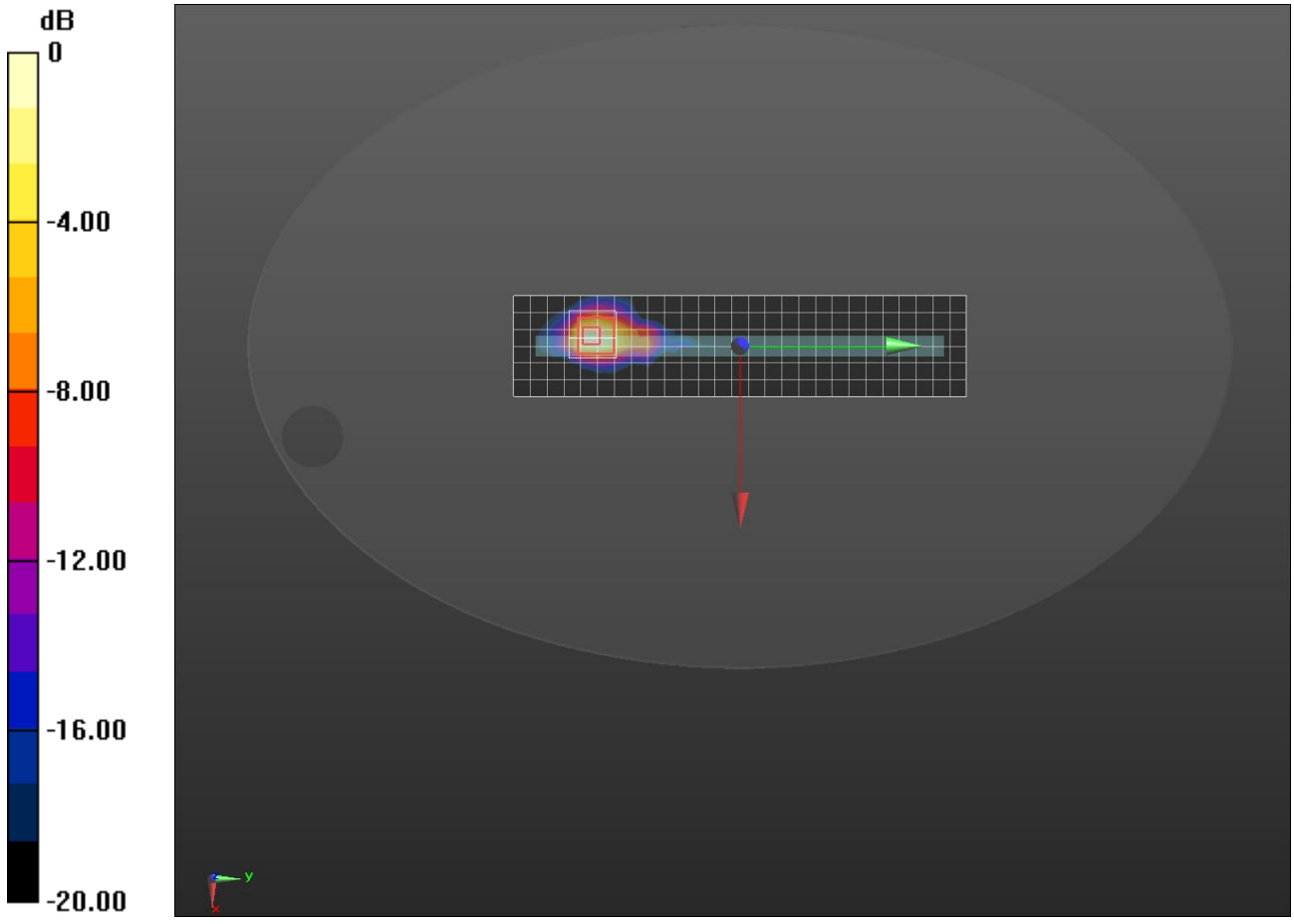
0 dB = 0.884 W/kg = −0.54 dBW/kg

Wi-Fi 5.3 GHz

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 5290 MHz; σ = 4.676 S/m; ε_r = 34.952; 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 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(5.74, 5.74, 5.74) @ 5290 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Edge 1/802.11 ac mode ch.58 SISO Ant.1/Area Scan (28x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.832 W/kg

Edge 1/802.11 ac mode ch.58 SISO Ant.1/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 20.20 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.65 W/kg
SAR(1 g) = 0.576 W/kg; SAR(10 g) = 0.153 W/kg
Maximum value of SAR (measured) = 1.53 W/kg



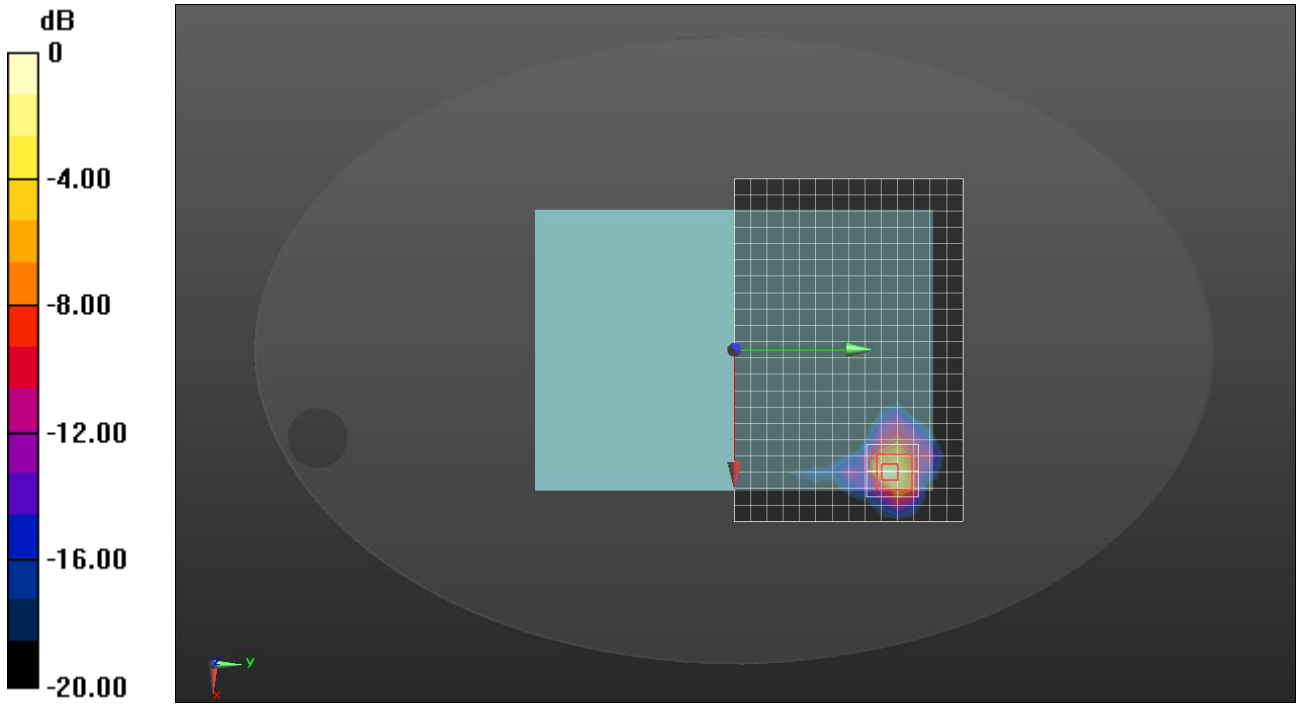
0 dB = 0.832 W/kg = −0.80 dBW/kg

Wi-Fi 5.3 GHz

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 5290 MHz; σ = 4.676 S/m; ε_r = 34.952; 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 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(5.74, 5.74, 5.74) @ 5290 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Rear/802.11 ac mode ch.58 SISO Ant.2/Area Scan (22x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.19 W/kg

Rear/802.11 ac mode ch.58 SISO Ant.2/Zoom Scan (9x9x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.77 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 3.58 W/kg
SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.136 W/kg
Maximum value of SAR (measured) = 1.61 W/kg



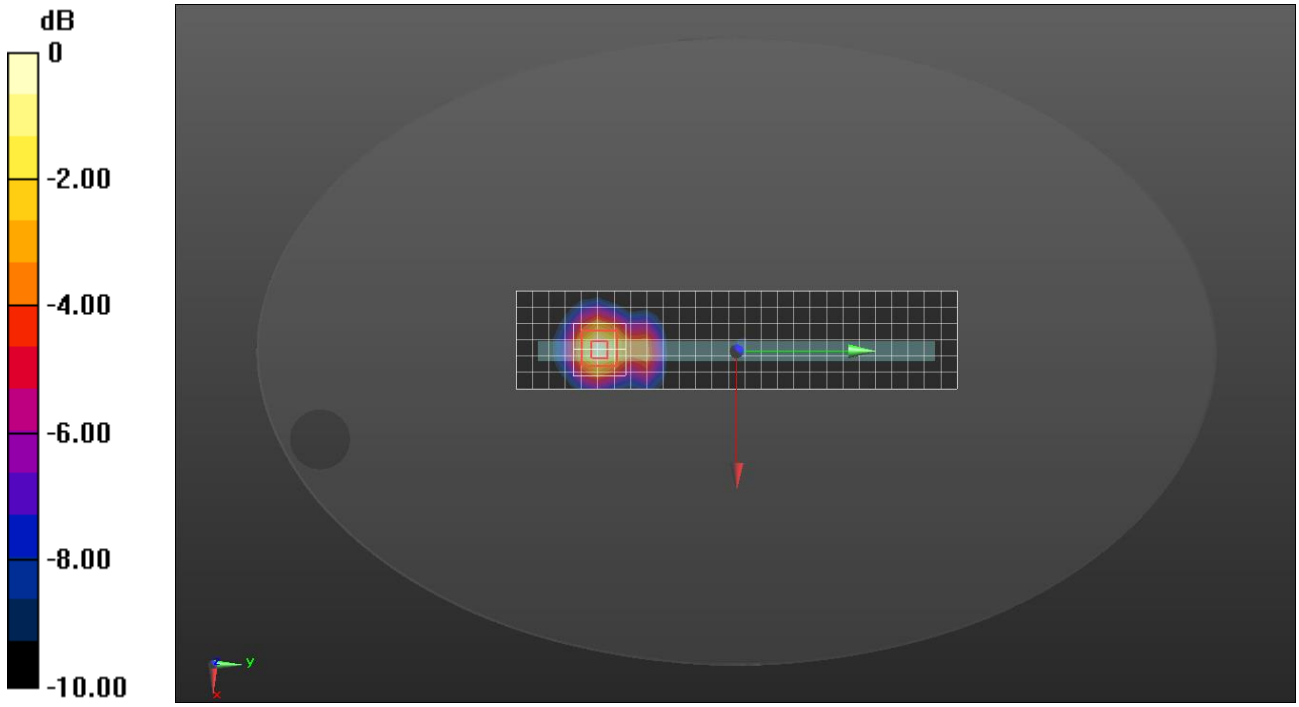
0 dB = 1.19 W/kg = 0.76 dBW/kg

Wi-Fi 5.3 GHz

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 5320 MHz; σ = 4.708 S/m; ε_r = 34.988; 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 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(5.74, 5.74, 5.74) @ 5320 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Edge 1/802.11 a mode ch.64 MIMO/Area Scan (28x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.56 W/kg

Edge 1/802.11 a mode ch.64 MIMO /Zoom Scan (9x9x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.06 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.77 W/kg
SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.288 W/kg
Maximum value of SAR (measured) = 1.66 W/kg



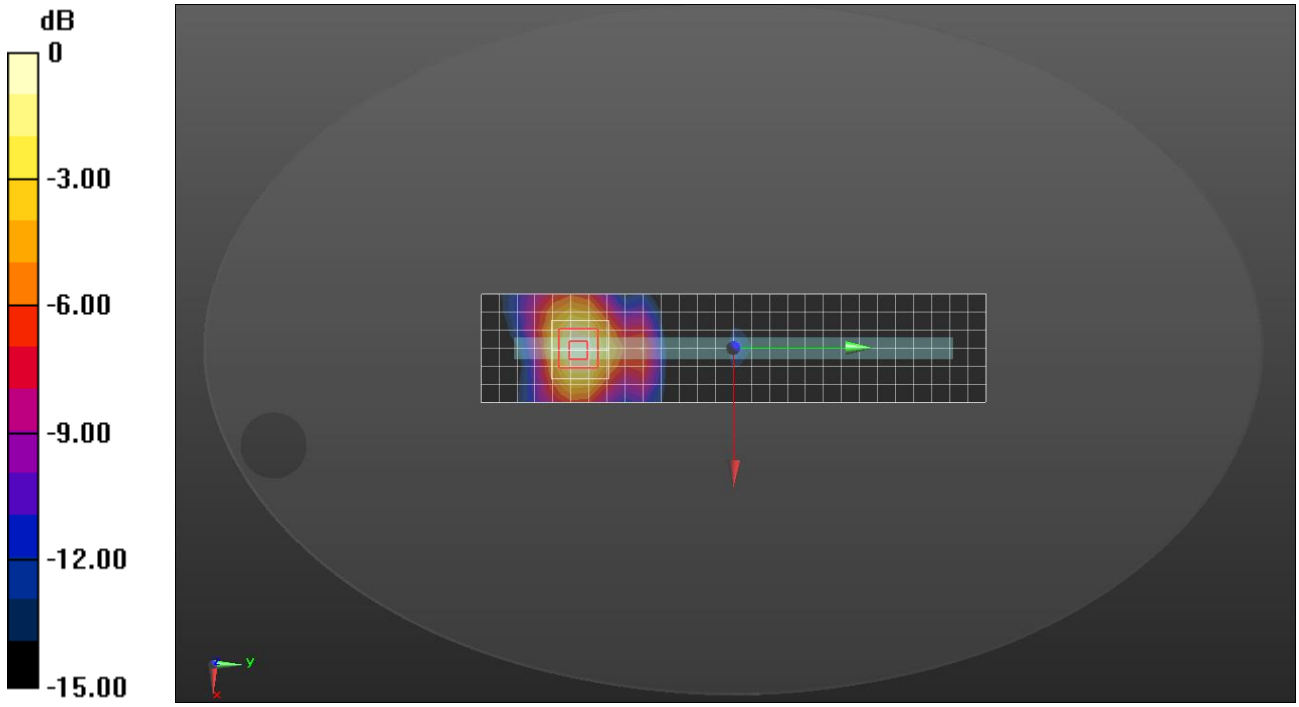
0 dB = 1.56 W/kg = 1.93 dBW/kg

Wi-Fi 5.5 GHz

Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 5500 MHz; σ = 4.899 S/m; ε_r = 34.992; 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 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(5.25, 5.25, 5.25) @ 5500 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Edge 1/802.11 a mode ch.100 SISO Ant.1/Area Scan (29x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.62 W/kg

Edge 1/802.11 a mode ch.100 SISO Ant.1/Zoom Scan (9x9x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 20.43 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.95 W/kg
SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.317 W/kg
Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg

Wi-Fi 5.5 GHz

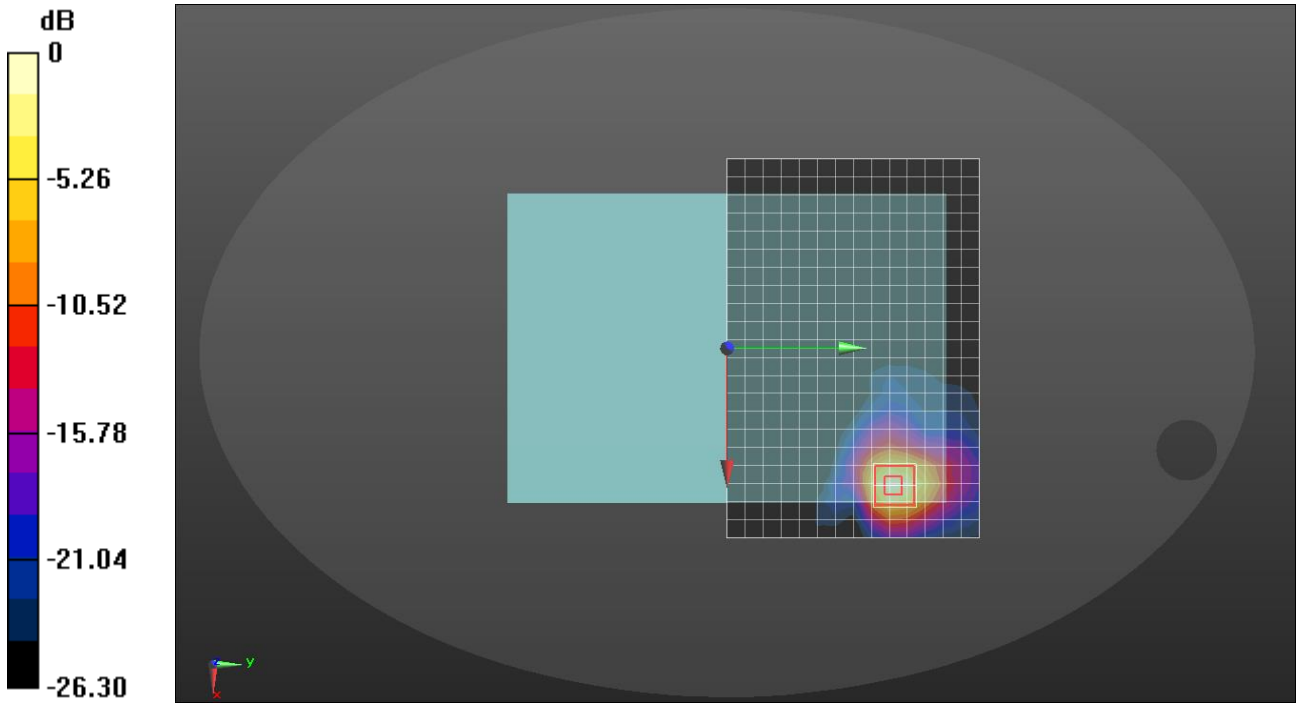
Frequency: 5720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 5720 MHz; σ = 5.207 S/m; ε_r = 35.773; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn912; Calibrated: 2021-11-22
- Probe: EX3DV4 - SN7313; ConvF(4.65, 4.65, 4.65) @ 5720 MHz; Calibrated: 2022-03-02
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

Rear/802.11 a mode ch.144 SISO Ant.2/Area Scan (22x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.61 W/kg

Rear/802.11 a mode ch.144 SISO Ant.2/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.68 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.97 W/kg
SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.275 W/kg
Maximum value of SAR (measured) = 1.63 W/kg



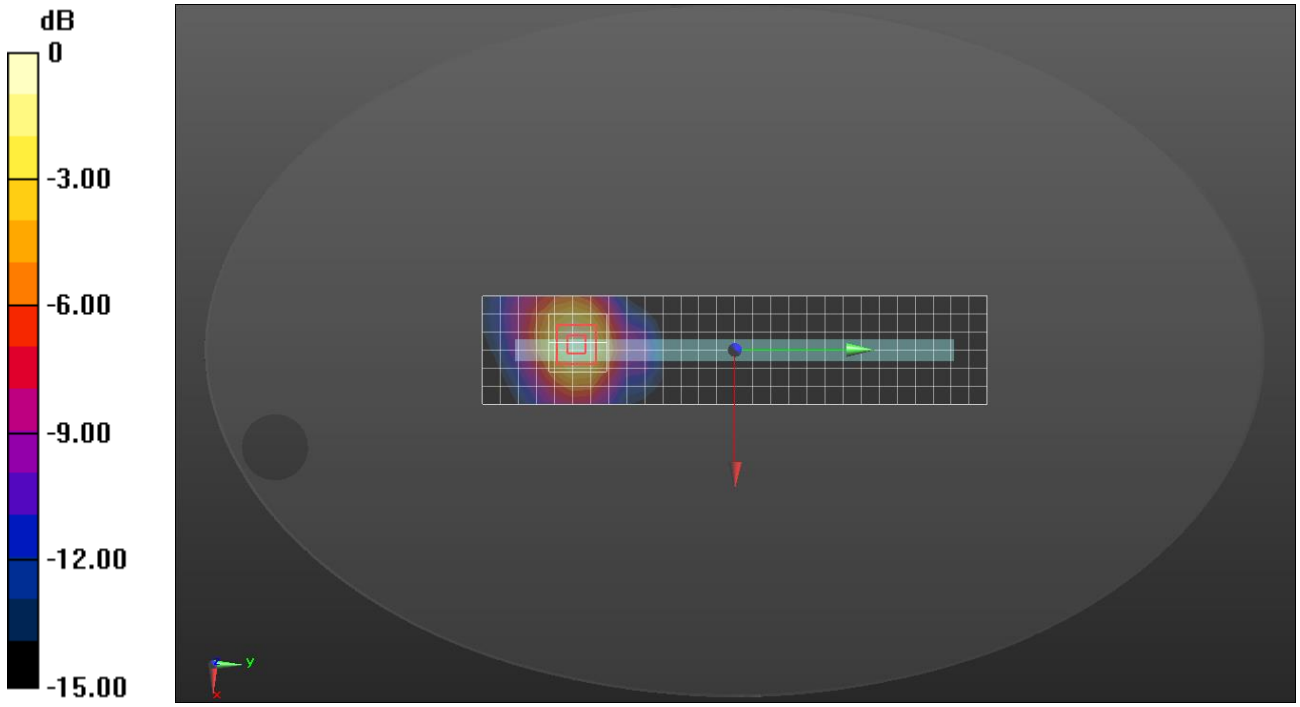
0 dB = 1.63 W/kg = 2.12 dBW/kg

Wi-Fi 5.5 GHz

Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 5620 MHz; σ = 5.002 S/m; ε_r = 34.583; 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 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(5.25, 5.25, 5.25) @ 5620 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Edge 1/802.11 a mode ch.124 MIMO/Area Scan (29x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.96 W/kg

Edge 1/802.11 a mode ch.124 MIMO /Zoom Scan (9x9x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.21 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.71 W/kg
SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.366 W/kg
Maximum value of SAR (measured) = 2.10 W/kg



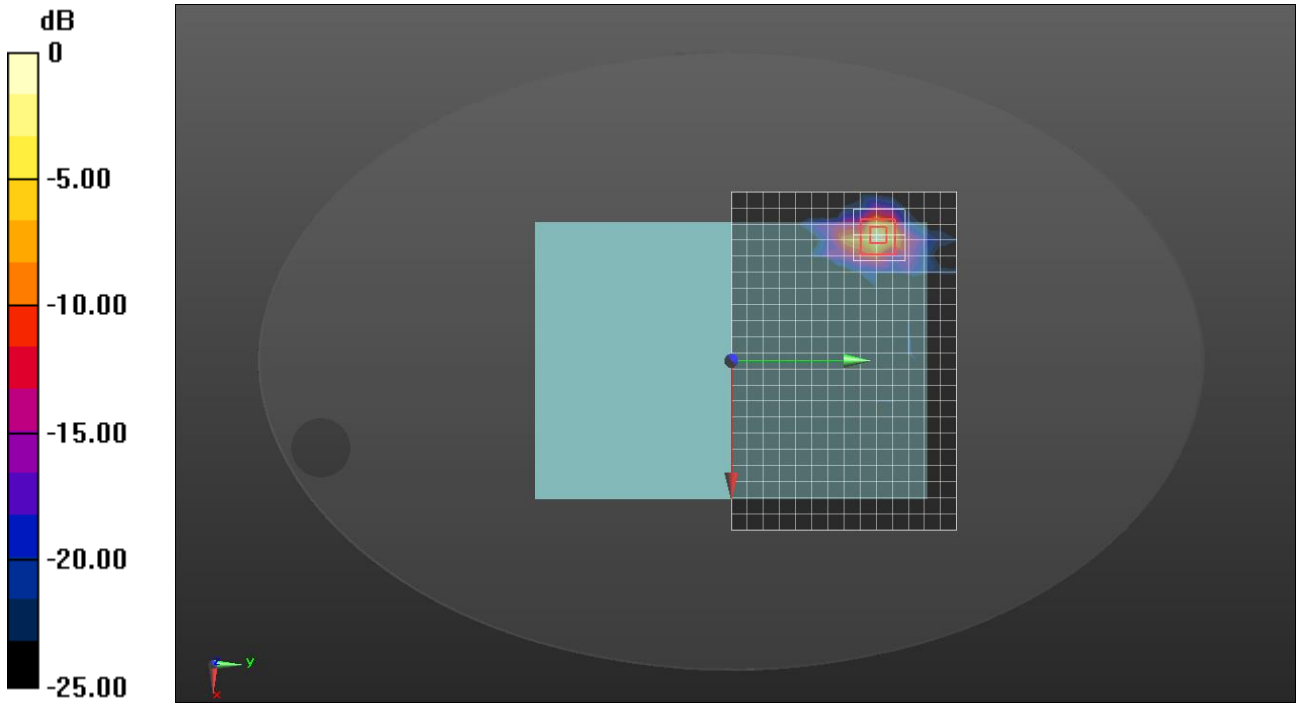
0 dB = 1.96 W/kg = 2.92 dBW/kg

Wi-Fi 5.8 GHz

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 5775 MHz; σ = 5.224 S/m; ε_r = 34.407; 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 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(5.1, 5.1, 5.1) @ 5775 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Rear/802.11 ac mode ch.155 SISO Ant.1/Area Scan (22x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.95 W/kg

Rear/802.11 ac mode ch.155 SISO Ant.1/Zoom Scan (9x9x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.17 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 4.06 W/kg
SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 2.06 W/kg



0 dB = 1.95 W/kg = 2.90 dBW/kg

Wi-Fi 5.8 GHz

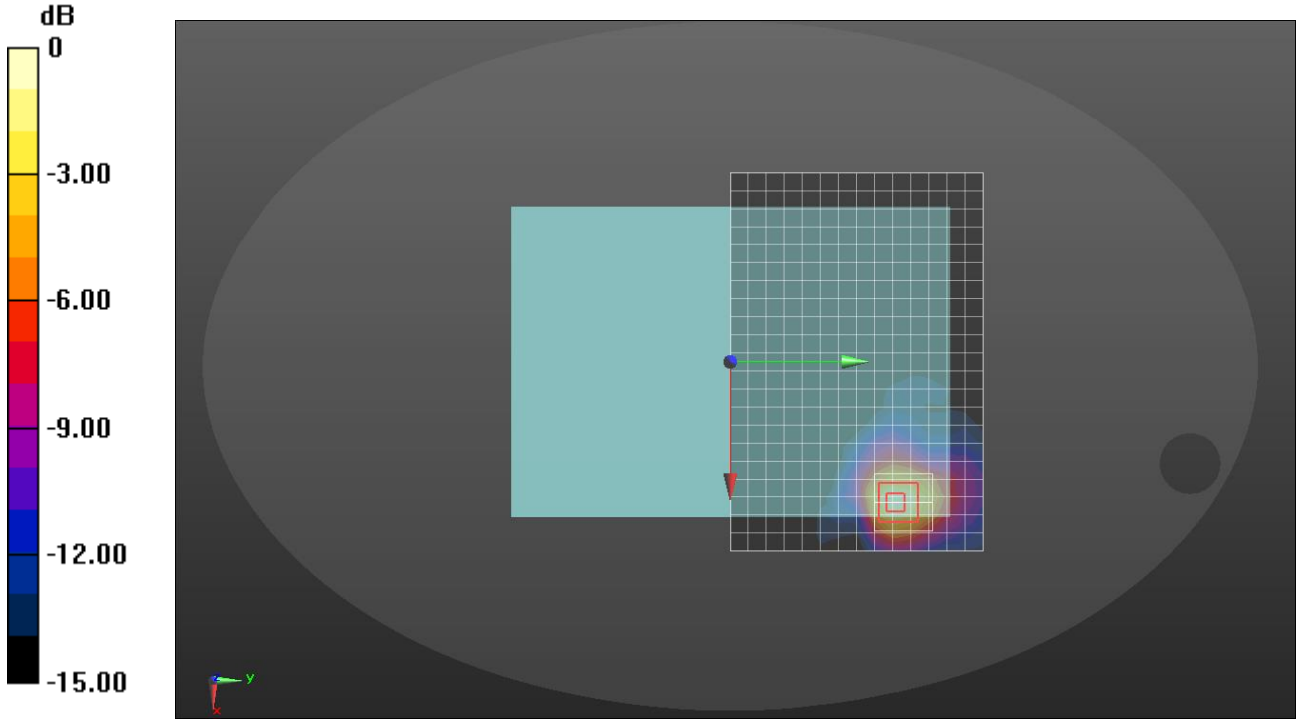
Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 5825 MHz; σ = 5.086 S/m; ε_r = 34.772; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn912; Calibrated: 2021-11-22
- Probe: EX3DV4 - SN7313; ConvF(4.65, 4.65, 4.65) @ 5825 MHz; Calibrated: 2022-03-02
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

Rear/802.11 a mode ch.165 SISO Ant.2/Area Scan (22x15x1): Measurement grid: dx=10mm, dy=10mm

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

Rear/802.11 a mode ch.165 SISO Ant.2/Zoom Scan (9x9x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.06 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.51 W/kg
SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.232 W/kg
Maximum value of SAR (measured) = 1.43 W/kg



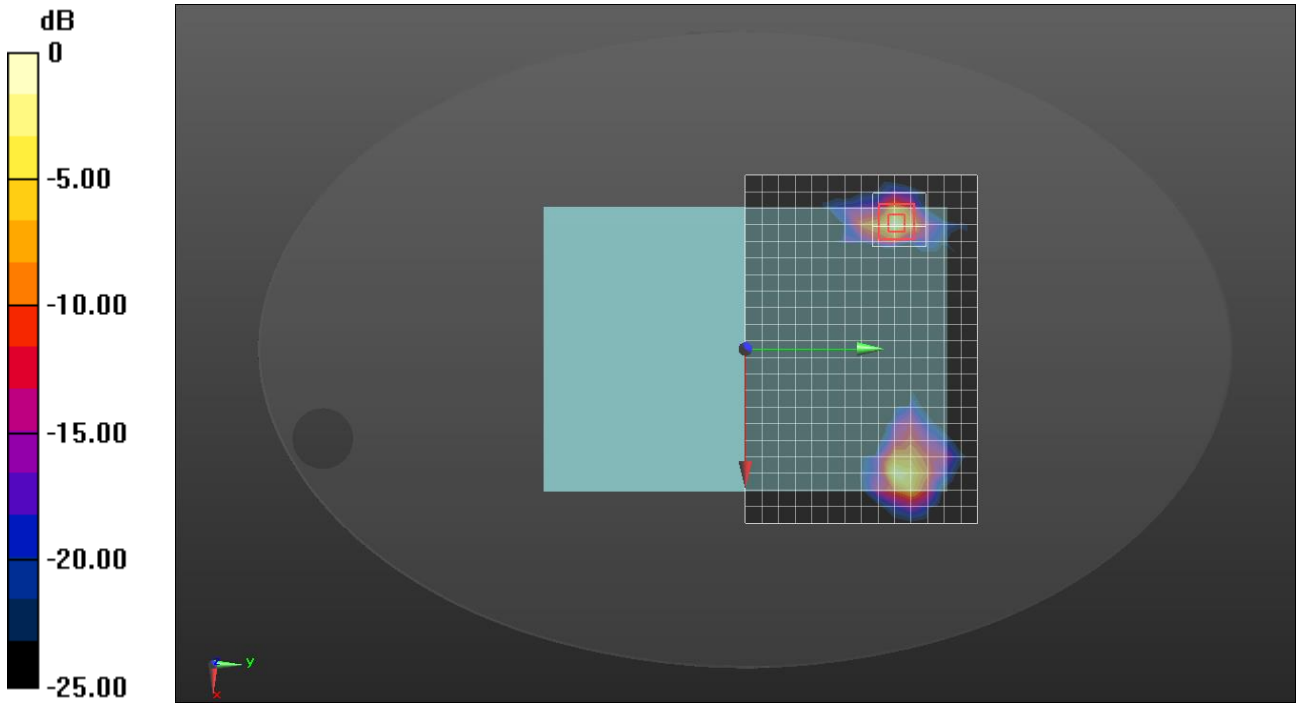
0 dB = 1.35 W/kg = 1.30 dBW/kg

Wi-Fi 5.8 GHz

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 5775 MHz; σ = 5.224 S/m; ε_r = 34.407; 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 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(5.1, 5.1, 5.1) @ 5775 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Rear/802.11 a mode ch.155 MIMO /Area Scan (22x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.32 W/kg

Rear/802.11 a mode ch.155 MIMO/Zoom Scan (9x9x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.27 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 3.85 W/kg
SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 2.10 W/kg



0 dB = 2.32 W/kg = 3.65 dBW/kg

Bluetooth

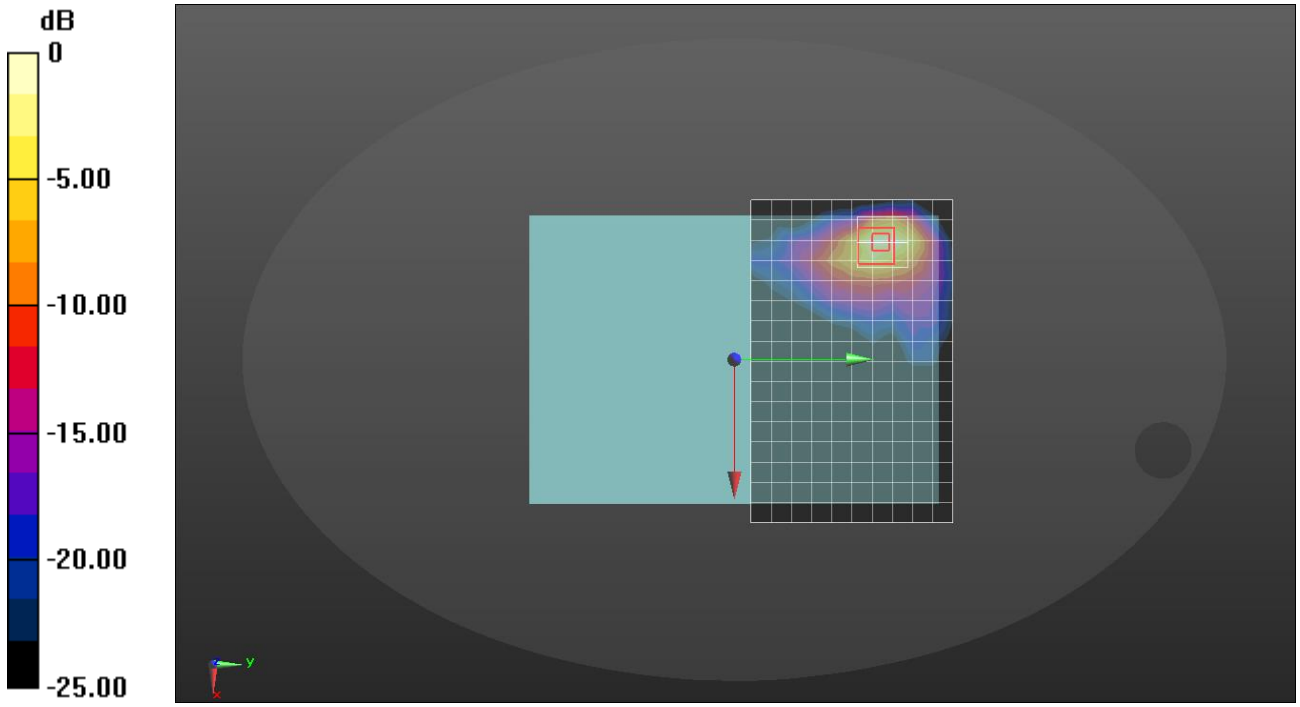
Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.749 S/m; ε_r = 39.218; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1670; Calibrated: 2022-06-07
- Probe: EX3DV4 - SN7645; ConvF(8.25, 8.25, 8.25) @ 2441 MHz; Calibrated: 2022-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

Rear/GFSK ch.39 Ant.1/Area Scan (17x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.794 W/kg

Rear/GFSK ch.39 Ant.1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.62 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.204 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 0.794 W/kg = −1.00 dBW/kg

Bluetooth

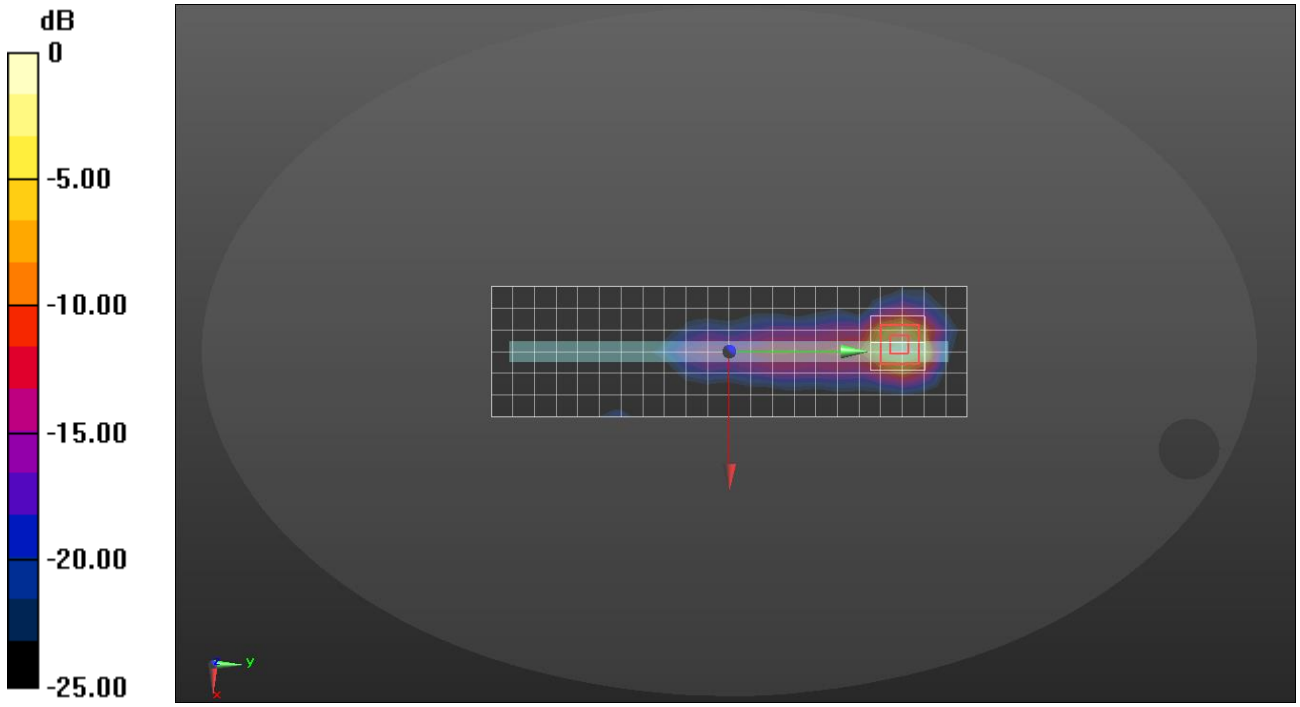
Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.749 S/m; ε_r = 39.218; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1670; Calibrated: 2022-06-07
- Probe: EX3DV4 - SN7645; ConvF(8.25, 8.25, 8.25) @ 2441 MHz; Calibrated: 2022-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

Edge 3/GFSK ch.39 Ant.2/Area Scan (7x23x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.743 W/kg

Edge 3/GFSK ch.39 Ant.2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.06 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 0.824 W/kg



0 dB = 0.743 W/kg = −1.29 dBW/kg

Measurement Report for Device, Rear, NFC, UID 0 -, Channel 13600 (13.6MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	Custom Band	CW, 0--	13.6, 13600	17.91	0.757	53.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V6.0 (20deg probe tilt) - 2112	HBBL-600-10000, 2022-Jul-14	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1668, 2022-04-27

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 300.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	3.6 x 3.6 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-07-14	2022-07-14
psSAR1g [W/kg]	0.064	0.051
psSAR10g [W/kg]	0.051	0.018
Power Drift [dB]		-0.05