

Wi-Fi 2.4GHz FCC

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; $\sigma = 1.844$ S/m; $\epsilon_r = 38.508$; $\rho = 1000$ 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: 2/15/2019
- Probe: EX3DV4 - SN7483; ConvF(7.82, 7.82, 7.82) @ 2437 MHz; Calibrated: 11/14/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1957

Rear/802.11b_ch 6 w/ clip/Area Scan (11x13x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.0487 W/kg

Rear/802.11b_ch 6 w/ clip/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.806 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0730 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.020 W/kg

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

Maximum value of SAR (measured) = 0.0615 W/kg

Rear/802.11b_ch 6 w/ clip/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

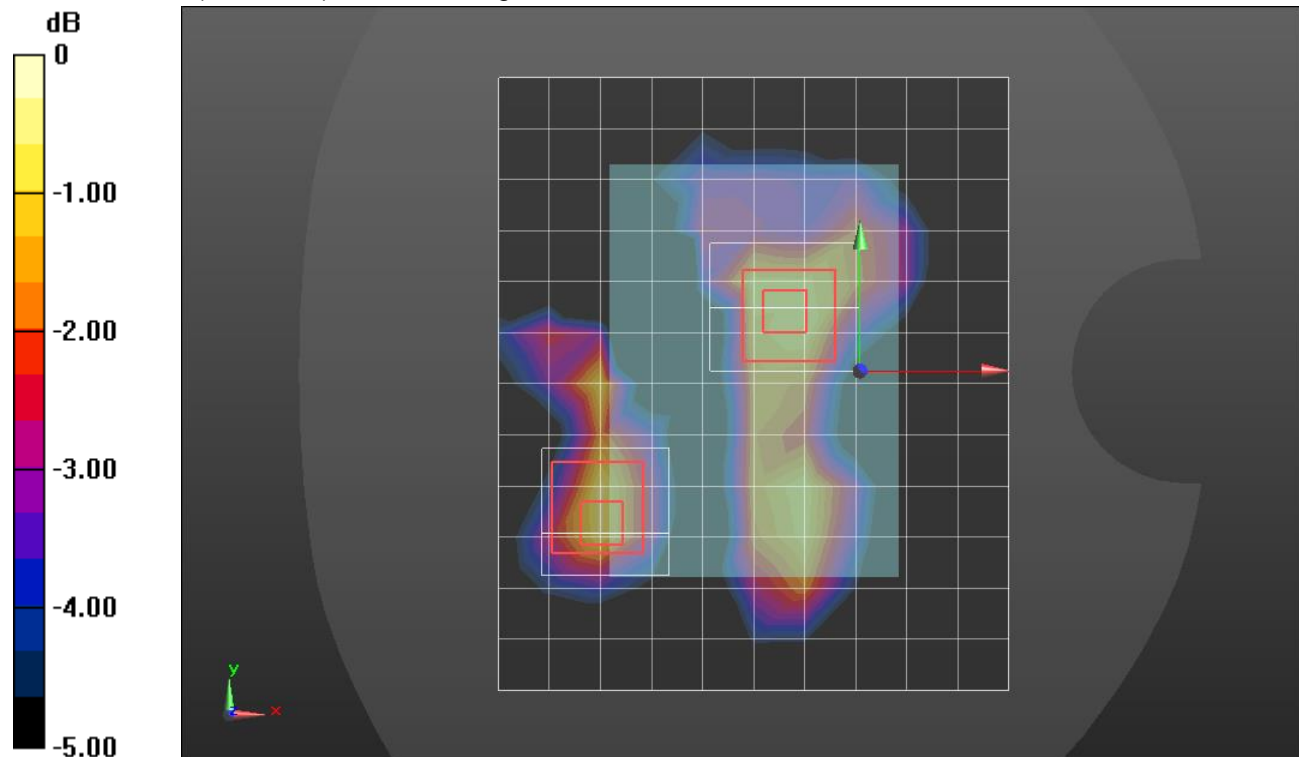
Reference Value = 4.806 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0660 W/kg

SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.016 W/kg

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

Maximum value of SAR (measured) = 0.0545 W/kg



0 dB = 0.0545 W/kg = -12.64 dBW/kg

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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; $\sigma = 1.844$ S/m; $\epsilon_r = 38.508$; $\rho = 1000$ 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: 2/15/2019
- Probe: EX3DV4 - SN7483; ConvF(7.82, 7.82, 7.82) @ 2437 MHz; Calibrated: 11/14/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1957

Edge 2/802.11b_ch 6/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.885 W/kg

Edge 2/802.11b_ch 6/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

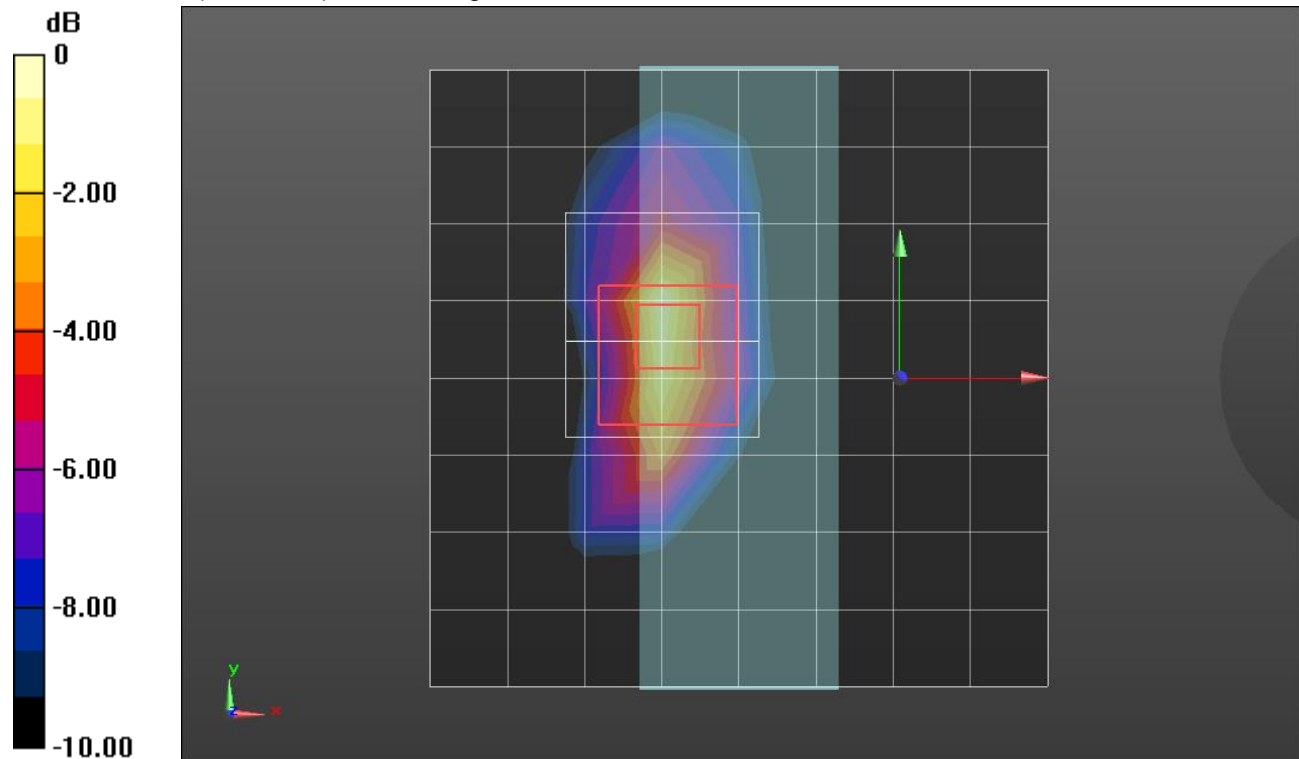
Reference Value = 20.00 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.226 W/kg

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

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

Wi-Fi 5.2GHz FCC

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.409 \text{ S/m}$; $\epsilon_r = 36.216$; $\rho = 1000 \text{ kg/m}^3$

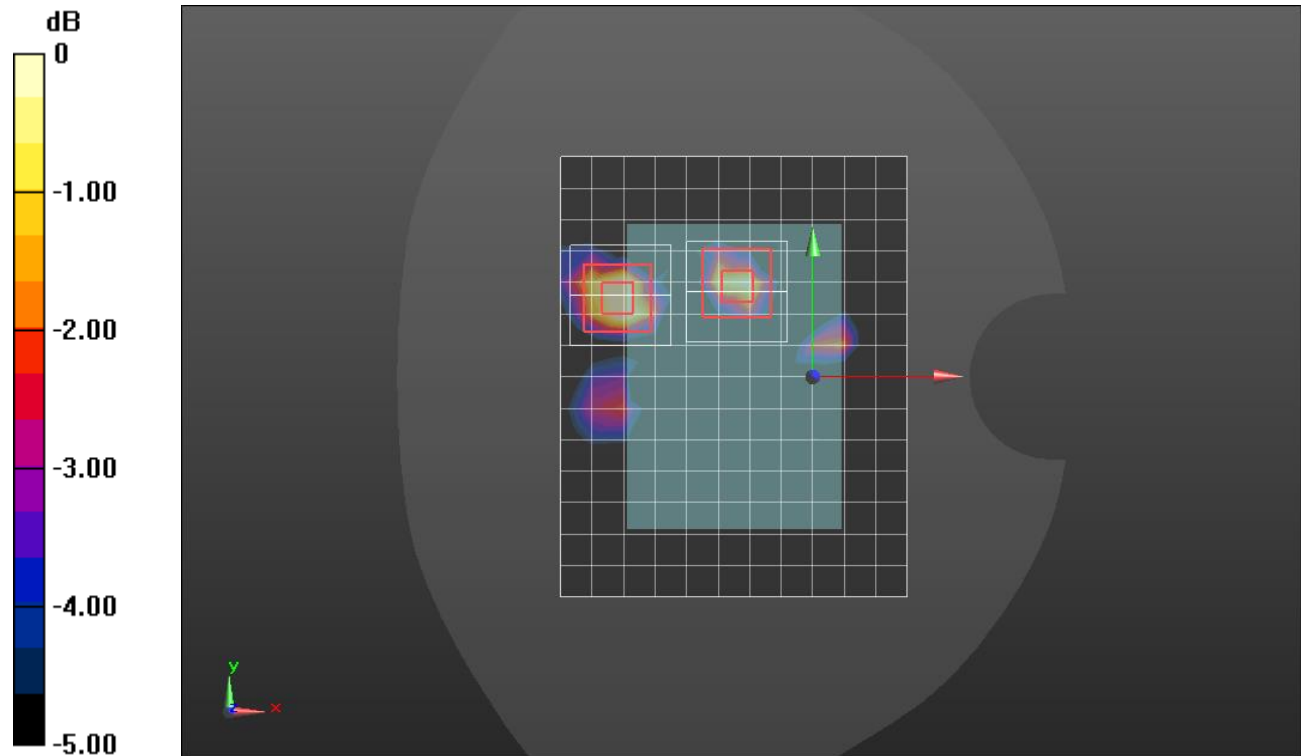
DASY5 Configuration:

- 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: 2/15/2019
- Probe: EX3DV4 - SN7483; ConvF(5.56, 5.56, 5.56) @ 5180 MHz; Calibrated: 11/14/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1957

Rear/802.11a_Ch 36 w/ clip/Area Scan (12x15x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.147 W/kg

Rear/802.11a_Ch 36 w/ clip/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 4.966 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 0.291 W/kg
SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.025 W/kg
 Maximum value of SAR (measured) = 0.176 W/kg

Rear/802.11a_Ch 36 w/ clip/Zoom Scan 2 (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 4.966 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.015 W/kg
 Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.121 W/kg = -9.17 dBW/kg

Wi-Fi 5.2GHz FCC

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.409 \text{ S/m}$; $\epsilon_r = 36.216$; $\rho = 1000 \text{ kg/m}^3$

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: 2/15/2019
- Probe: EX3DV4 - SN7483; ConvF(5.56, 5.56, 5.56) @ 5180 MHz; Calibrated: 11/14/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1957

Edge 2/802.11a_Ch 36/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.86 W/kg

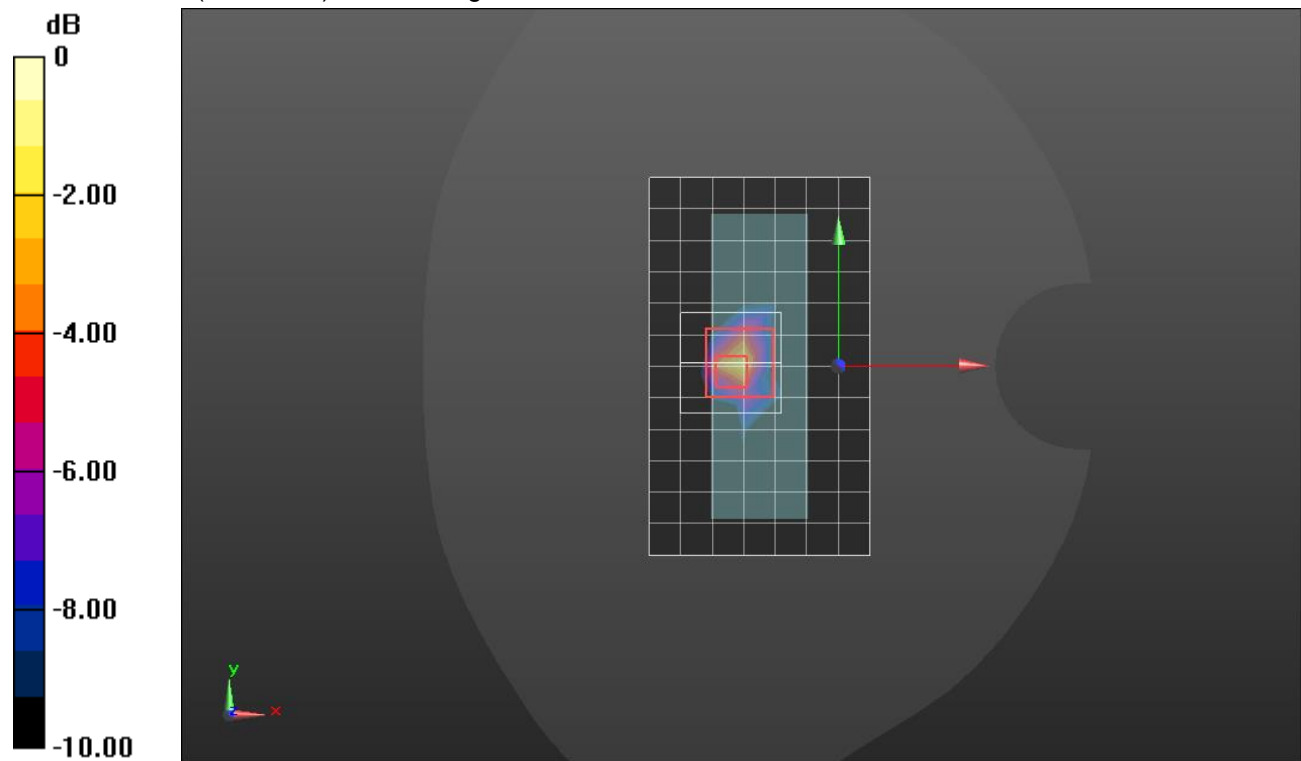
Edge 2/802.11a_Ch 36/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 23.25 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 8.19 W/kg

SAR(1 g) = 1.56 W/kg; SAR(10 g) = 0.383 W/kg

Maximum value of SAR (measured) = 4.35 W/kg



0 dB = 4.35 W/kg = 6.38 dBW/kg

Wi-Fi 5.5GHz FCC

Frequency: 5720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5720 \text{ MHz}$; $\sigma = 4.988 \text{ S/m}$; $\epsilon_r = 36.115$; $\rho = 1000 \text{ kg/m}^3$

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: 2/15/2019
- Probe: EX3DV4 - SN7483; ConvF(5.22, 5.22, 5.22) @ 5720 MHz; Calibrated: 11/14/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1957

Rear w_ Clip/802.11a_Ch 144/Area Scan (12x15x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.131 W/kg

Rear w_ Clip/802.11a_Ch 144/Zoom Scan (10x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.455 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.141 W/kg

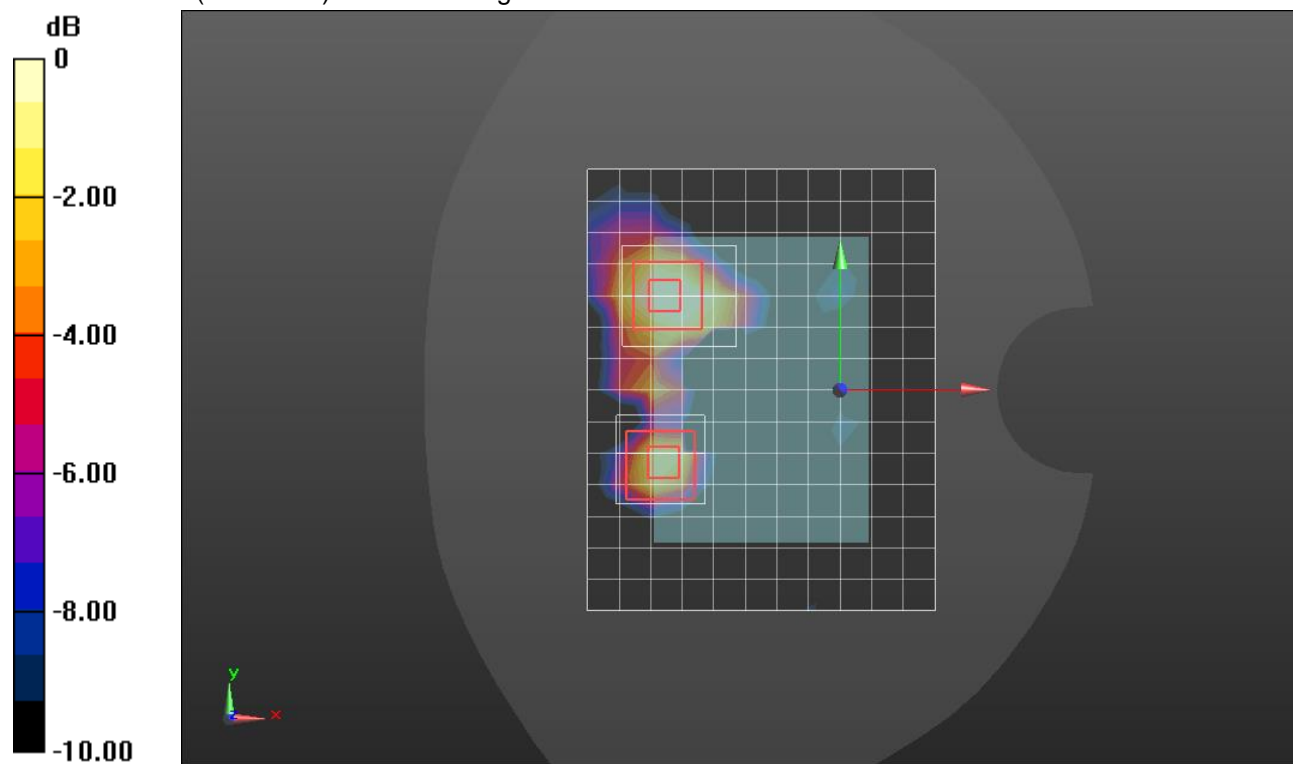
Rear w_ Clip/802.11a_Ch 144/Zoom Scan 2 (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.455 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.00968 W/kg

Maximum value of SAR (measured) = 0.0959 W/kg



0 dB = 0.0959 W/kg = -10.18 dBW/kg

Wi-Fi 5.5GHz FCC

Frequency: 5720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5720 \text{ MHz}$; $\sigma = 4.988 \text{ S/m}$; $\epsilon_r = 36.115$; $\rho = 1000 \text{ kg/m}^3$

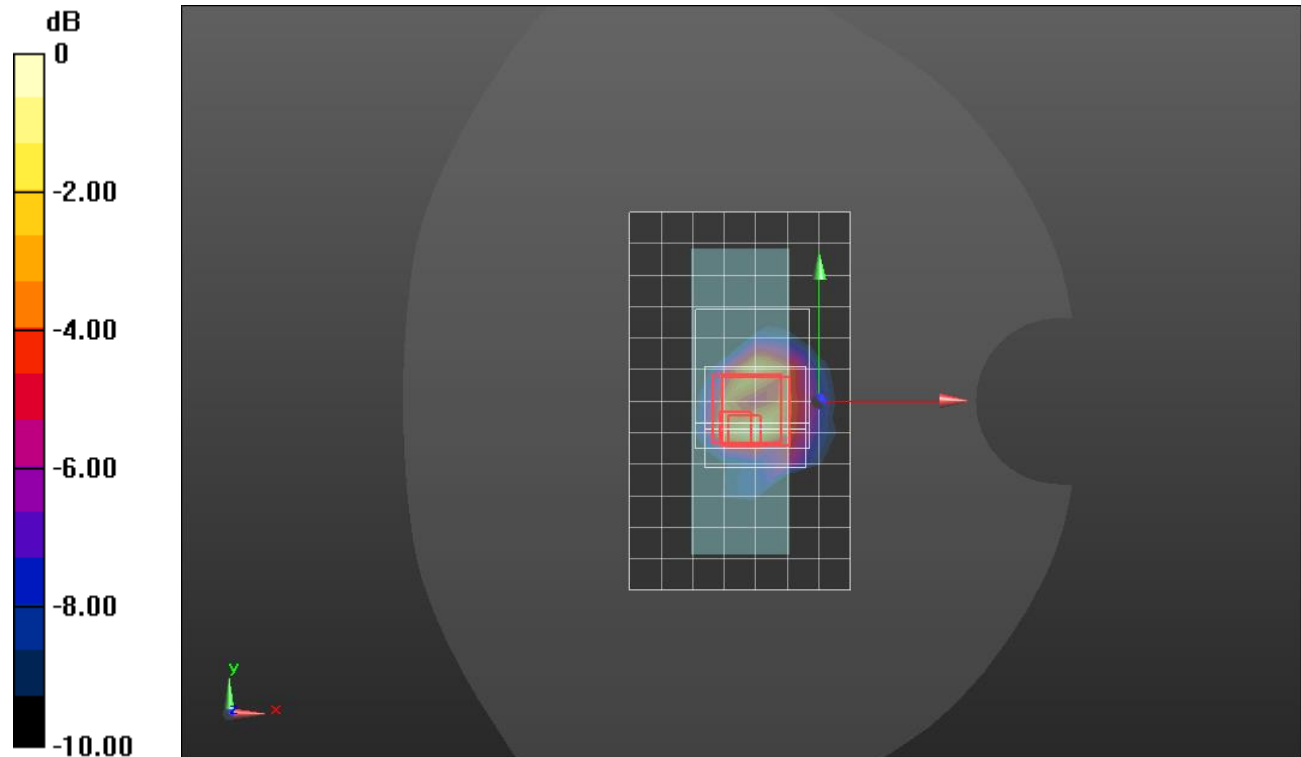
DASY5 Configuration:

- 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: 2/15/2019
- Probe: EX3DV4 - SN7483; ConvF(5.22, 5.22, 5.22) @ 5720 MHz; Calibrated: 11/14/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1957

Edge 2/802.11a_Ch 144/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 1.73 W/kg

Edge 2/802.11a_Ch 144/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 17.40 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 3.54 W/kg
SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.259 W/kg
 Maximum value of SAR (measured) = 1.90 W/kg

Edge 2/802.11a_Ch 144/Zoom Scan 2 (10x12x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 17.40 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 3.25 W/kg
SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.255 W/kg
 Maximum value of SAR (measured) = 1.85 W/kg



0 dB = 1.85 W/kg = 2.67 dBW/kg

Wi-Fi 5.8GHz FCC

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 4.991 \text{ S/m}$; $\epsilon_r = 35.256$; $\rho = 1000 \text{ kg/m}^3$

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: 2/15/2019
- Probe: EX3DV4 - SN7483; ConvF(5.22, 5.22, 5.22) @ 5745 MHz; Calibrated: 11/14/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1957

Rear w_ Clip/802.11a_Ch 149/Area Scan (12x15x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.128 W/kg

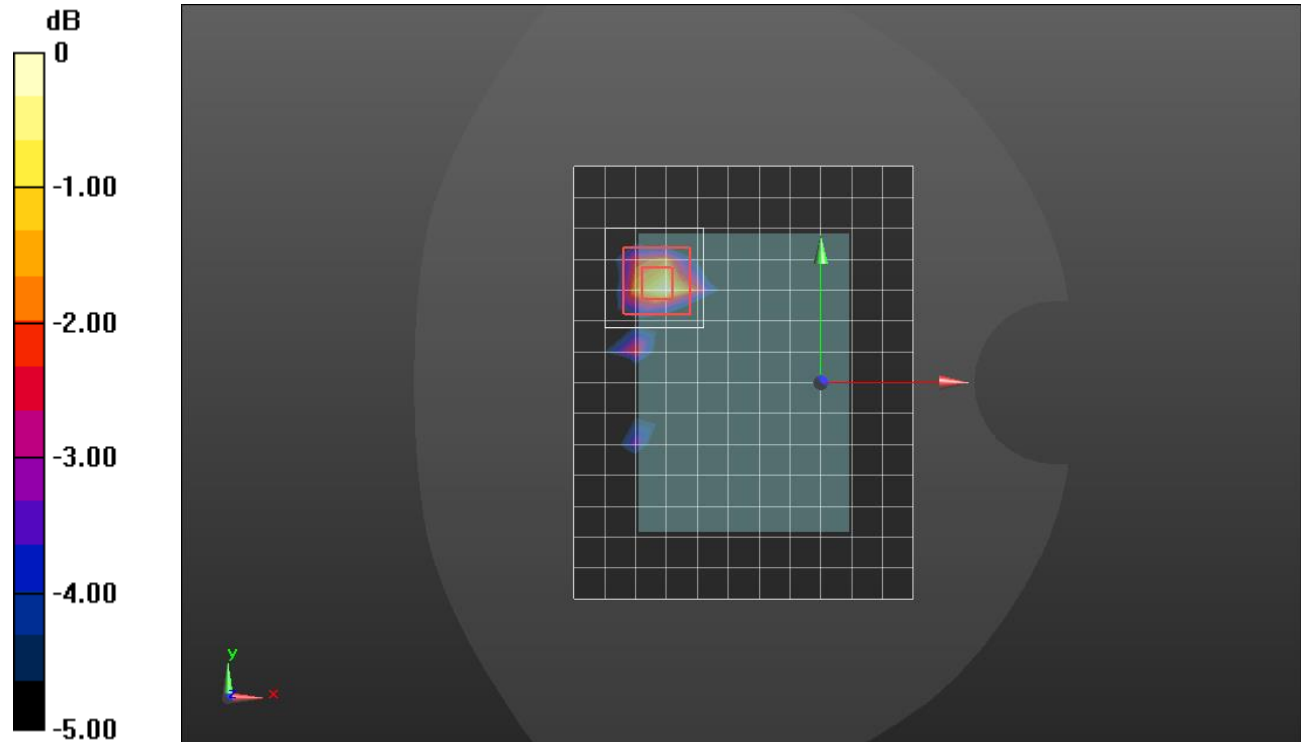
Rear w_ Clip/802.11a_Ch 149/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.300 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.128 W/kg



0 dB = 0.128 W/kg = -8.93 dBW/kg

Wi-Fi 5.8GHz FCC

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 4.991 \text{ S/m}$; $\epsilon_r = 35.256$; $\rho = 1000 \text{ kg/m}^3$

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: 2/15/2019
- Probe: EX3DV4 - SN7483; ConvF(5.22, 5.22, 5.22) @ 5745 MHz; Calibrated: 11/14/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1957

Edge 2/802.11a_Ch 149/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.02 W/kg

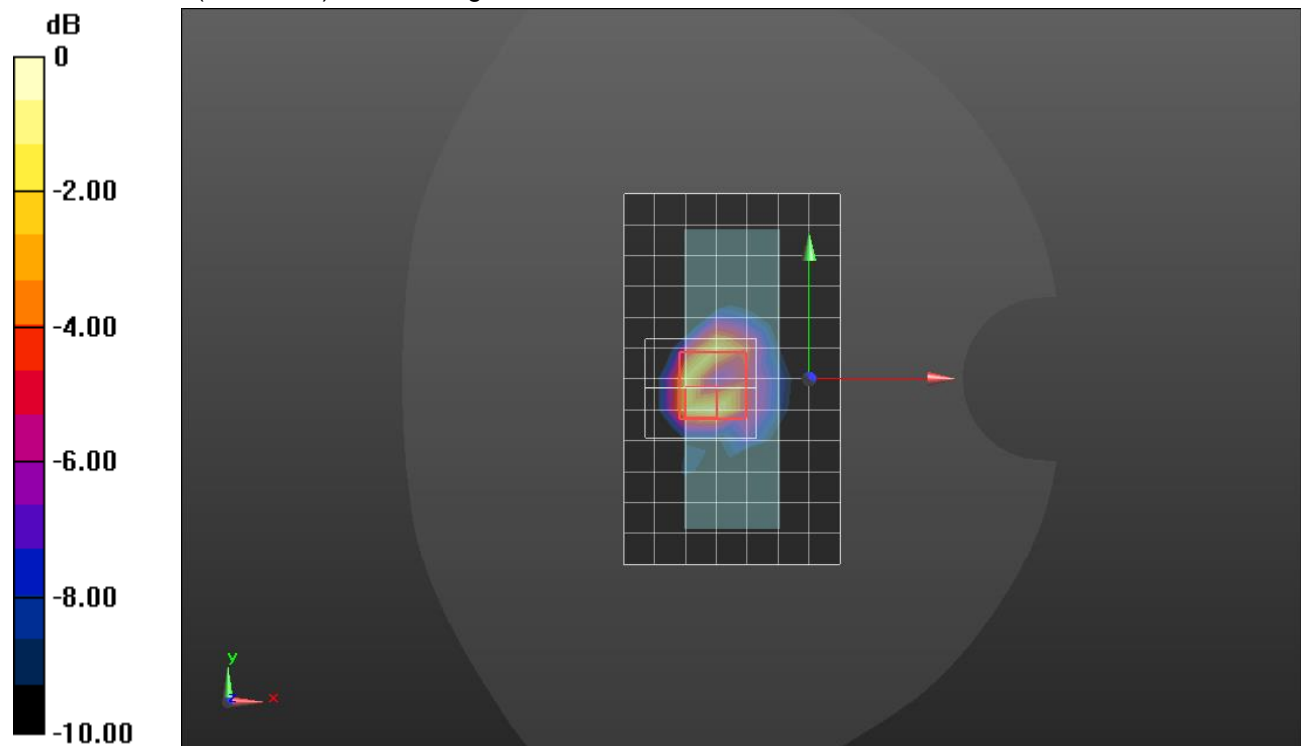
Edge 2/802.11a_Ch 149/Zoom Scan (10x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.72 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.152 W/kg

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



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

Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.866$ S/m; $\epsilon_r = 40.927$; $\rho = 1000$ kg/m³

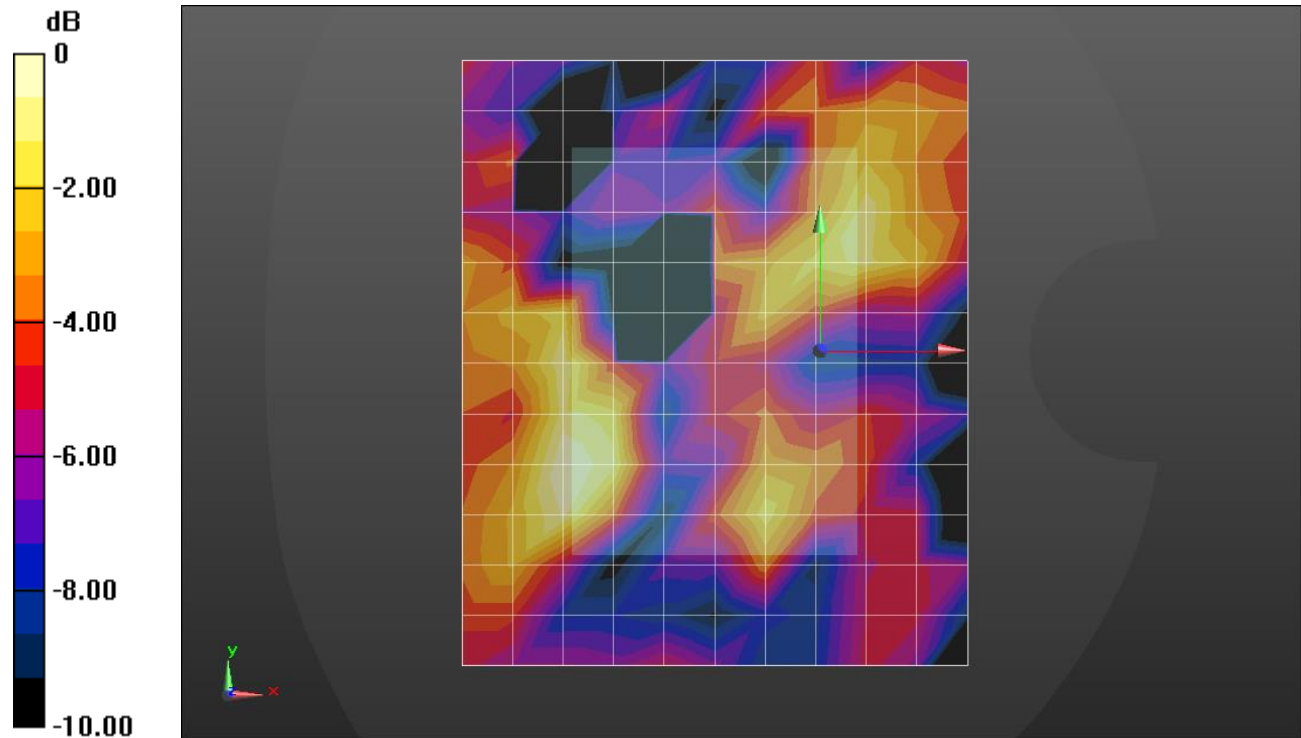
DASY5 Configuration:

- 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: 2/15/2019
- Probe: EX3DV4 - SN7483; ConvF(7.82, 7.82, 7.82) @ 2441 MHz; Calibrated: 11/14/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1957

Rear/GFSK DH5_ch 39 w/ clip/Area Scan (11x13x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.00273 W/kg



0 dB = 0.00273 W/kg = -25.64 dBW/kg

Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.866$ S/m; $\epsilon_r = 40.927$; $\rho = 1000$ 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: 2/15/2019
- Probe: EX3DV4 - SN7483; ConvF(7.82, 7.82, 7.82) @ 2441 MHz; Calibrated: 11/14/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1957

Edge 2/GFSK DH5_ch39/Area Scan (9x11x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.0814 W/kg

Edge 2/GFSK DH5_ch39/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

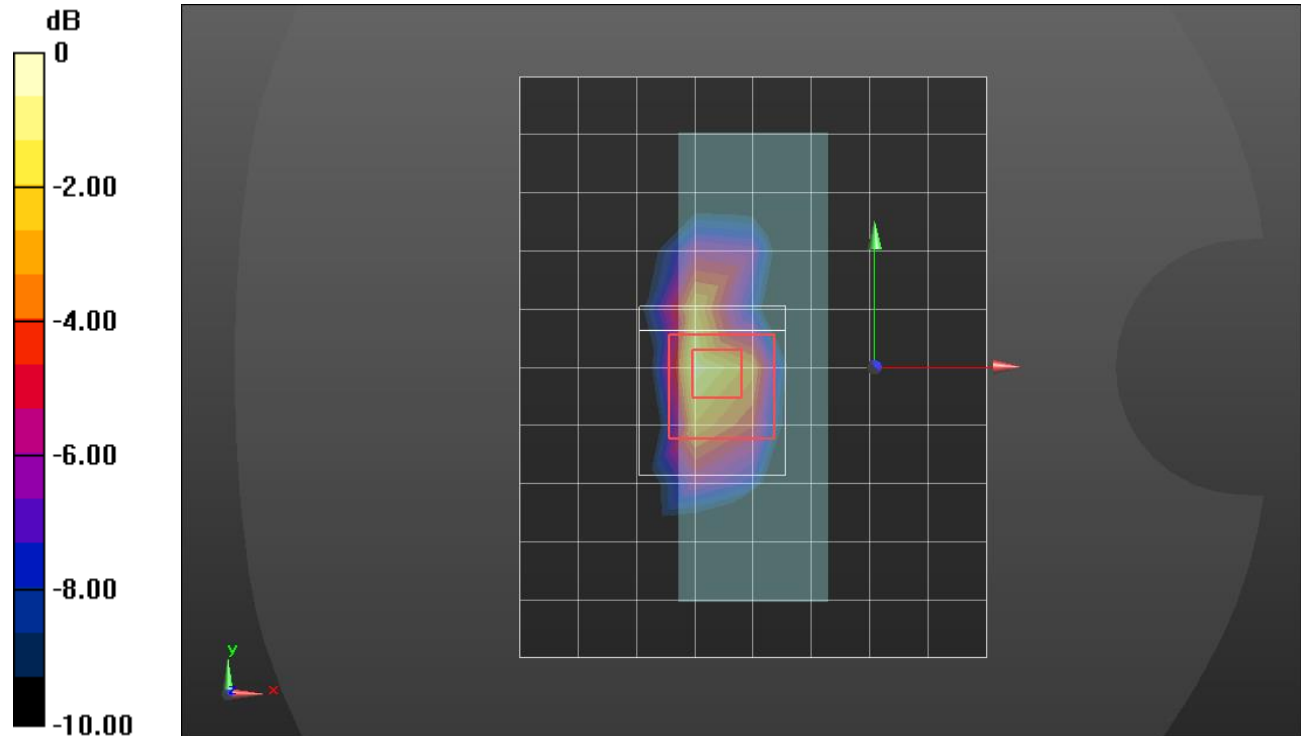
Reference Value = 5.888 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.019 W/kg

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

Maximum value of SAR (measured) = 0.0994 W/kg



0 dB = 0.0994 W/kg = -10.03 dBW/kg