

Wi-Fi 2.4GHz_Ant. A

Frequency: 2457 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 2457$ MHz; $\sigma = 2.001$ S/m; $\epsilon_r = 52.339$; $\rho = 1000$ 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 Sn1433; Calibrated: 3/17/2016
- Probe: EX3DV4 - SN3936; ConvF(7.3, 7.3, 7.3); Calibrated: 7/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Edge 3/802.11b_Ch 10/Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm

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

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

Edge 3/802.11b_Ch 10/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

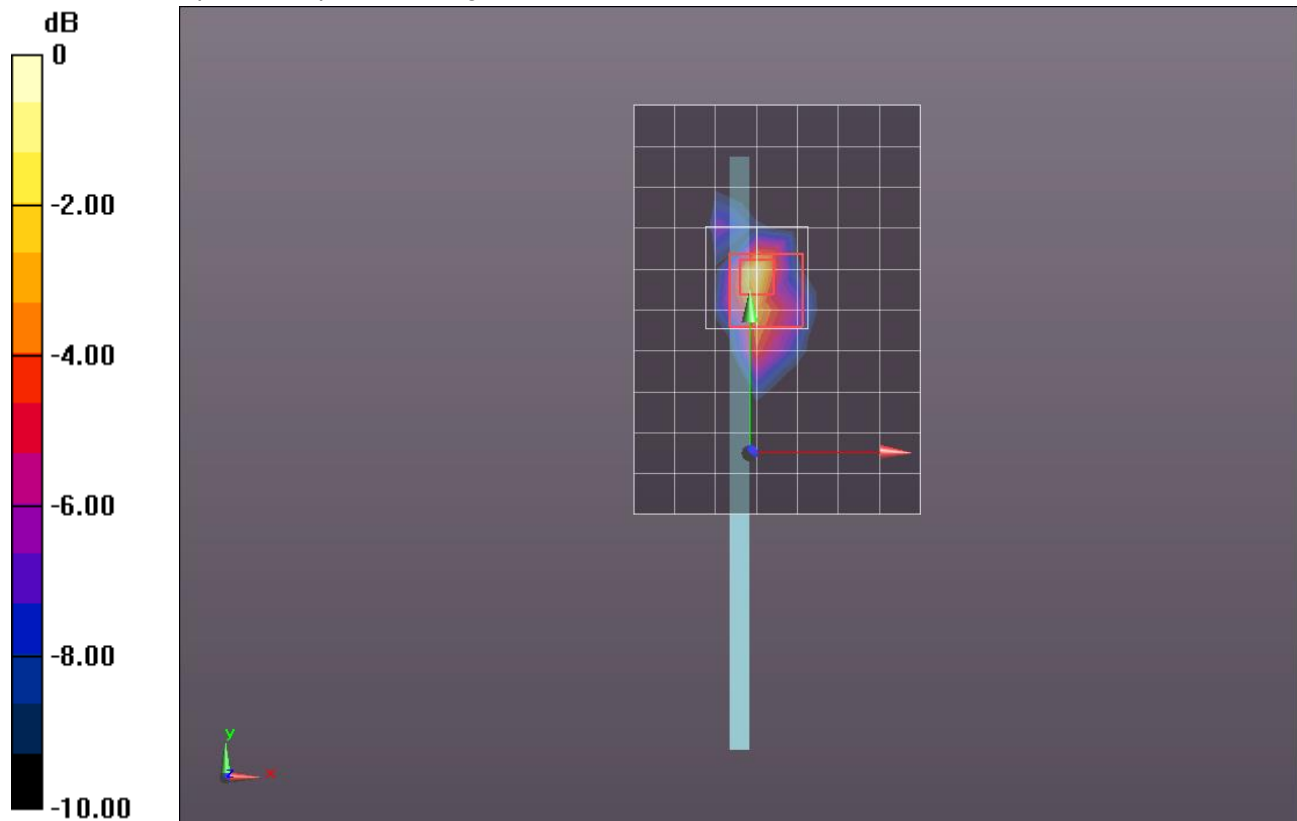
Reference Value = 29.83 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.34 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.373 W/kg

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

Maximum value of SAR (measured) = 1.88 W/kg



0 dB = 1.88 W/kg = 2.74 dBW/kg

Wi-Fi 5.2GHz_MIMO

Frequency: 5230 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5230$ MHz; $\sigma = 5.326$ S/m; $\epsilon_r = 48.991$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/15/2016
- Probe: EX3DV4 - SN3929; ConvF(4.14, 4.14, 4.14); Calibrated: 3/22/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

Edge 3/802.11n HT40_Ch 46/Area Scan (10x26x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.25 W/kg

Edge 3/802.11n HT40_Ch 46/Zoom Scan (Ant. A) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 20.42 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.74 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.398 W/kg

Maximum value of SAR (measured) = 2.33 W/kg

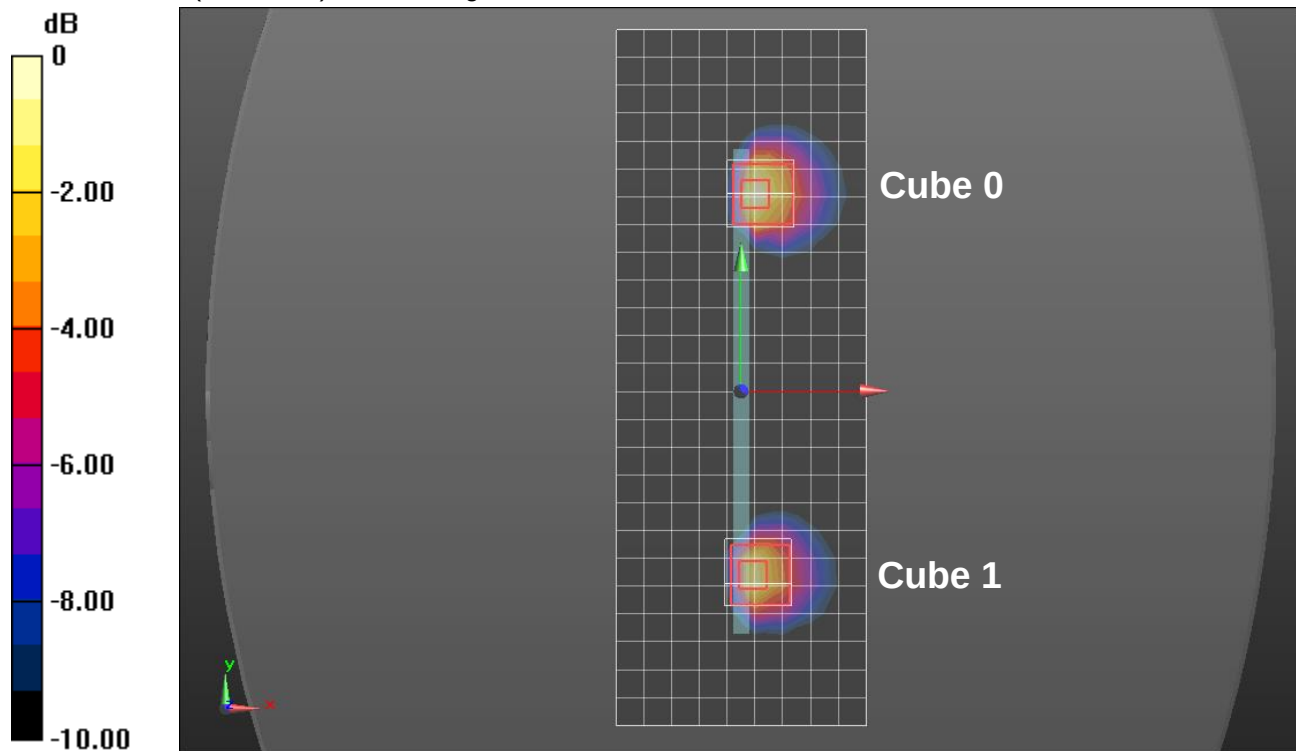
Edge 3/802.11n HT40_Ch 46/Zoom Scan (Ant. B) (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 20.42 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.27 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.360 W/kg

Maximum value of SAR (measured) = 2.05 W/kg



0 dB = 2.05 W/kg = 3.12 dBW/kg

Wi-Fi 5.5GHz_Ant. B

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

Medium parameters used: $f = 5690$ MHz; $\sigma = 6.082$ S/m; $\epsilon_r = 46.521$; $\rho = 1000$ 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 Sn1439; Calibrated: 7/25/2016
- Probe: EX3DV4 - SN3885; ConvF(3.73, 3.73, 3.73); Calibrated: 9/20/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1099

Edge 3/802.11ac VHT80_Ch 138/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.02 W/kg

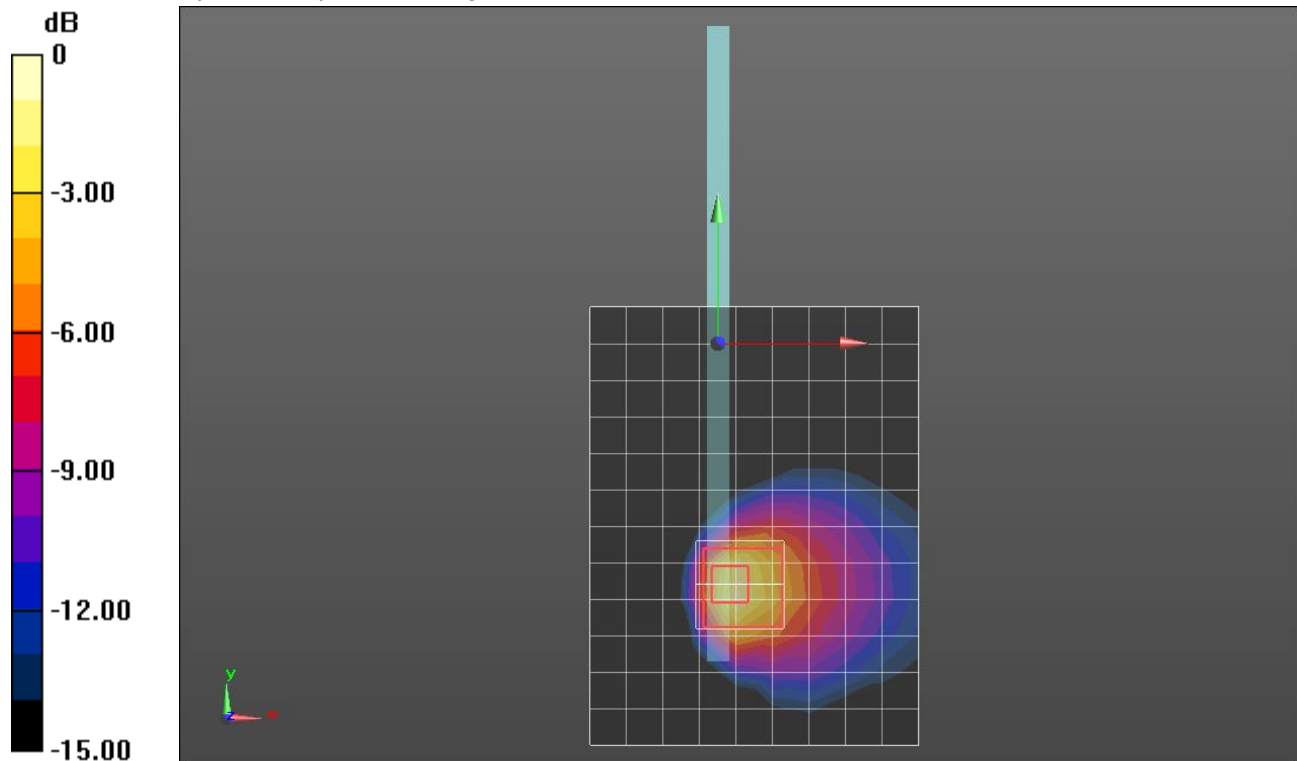
Edge 3/802.11ac VHT80_Ch 138/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 18.49 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 4.87 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.375 W/kg

Maximum value of SAR (measured) = 2.33 W/kg



0 dB = 2.33 W/kg = 3.67 dBW/kg

Wi-Fi 5.8GHz_Ant. A

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

Medium parameters used: $f = 5775$ MHz; $\sigma = 6.051$ S/m; $\epsilon_r = 49.097$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1472; Calibrated: 3/24/2016
- Probe: EX3DV4 - SN7335; ConvF(3.93, 3.93, 3.93); Calibrated: 3/22/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

Edge 3/802.11ac VHT80_Ch 155/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.15 W/kg

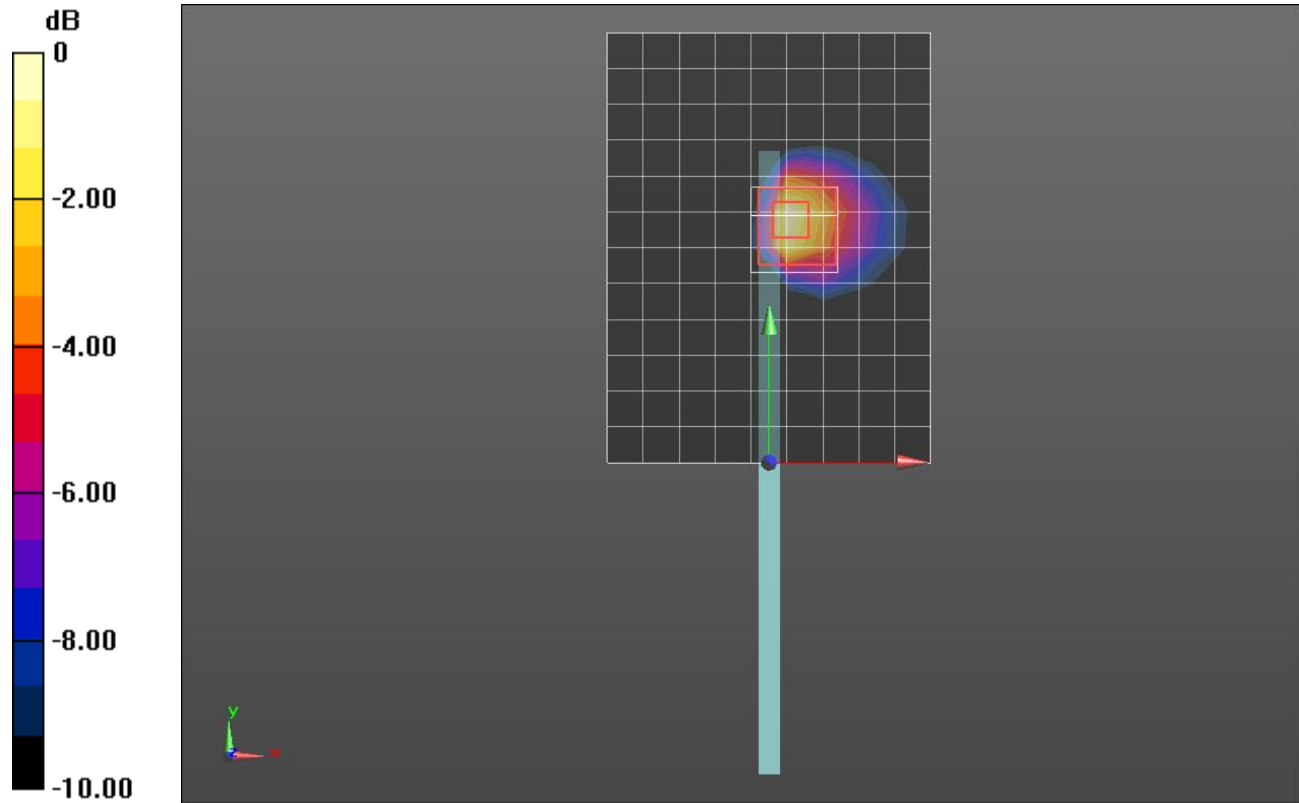
Edge 3/802.11ac VHT80_Ch 155/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 19.004 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 4.53 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.368 W/kg

Maximum value of SAR (measured) = 2.13 W/kg



0 dB = 2.13 W/kg = 3.28 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; $\sigma = 1.95$ S/m; $\epsilon_r = 52.634$; $\rho = 1000$ kg/m³
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1433; Calibrated: 3/17/2016
- Probe: EX3DV4 - SN3936; ConvF(7.3, 7.3, 7.3); Calibrated: 7/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Edge 3/BT_GFSK_Ch 39_High Power/Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 1.20 W/kg

Edge 3/BT_GFSK_Ch 39_High Power/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

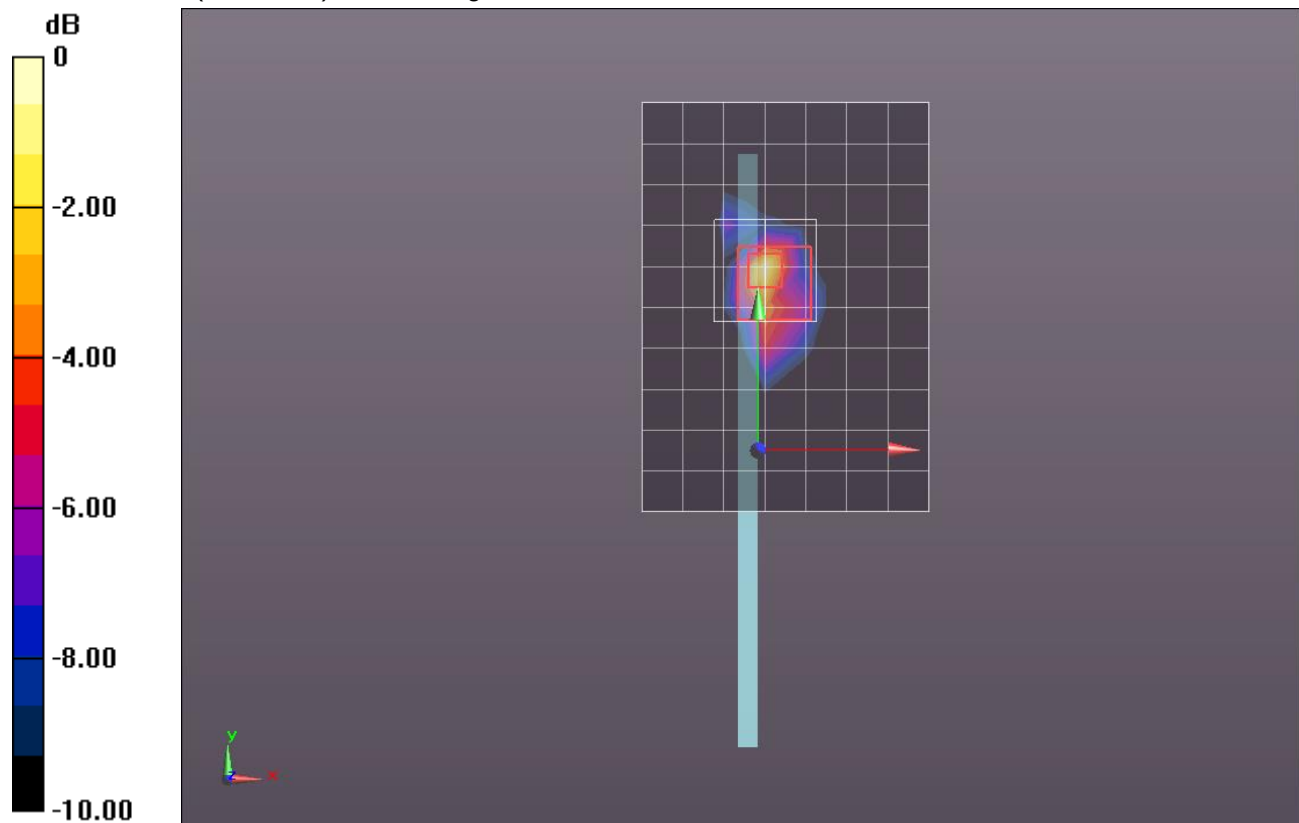
Reference Value = 25.07 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.242 W/kg

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

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



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