

## CDMA BC0

Frequency: 836.52 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 1.002$  S/m;  $\epsilon_r = 55.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2015-09-15
- Probe: EX3DV4 - SN7376; ConvF(10.07, 10.07, 10.07); Calibrated: 2015-09-02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Rear/1xRTT\_SO32\_RC 3/3 Ch 384 18mm/Area Scan (14x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.742 W/kg

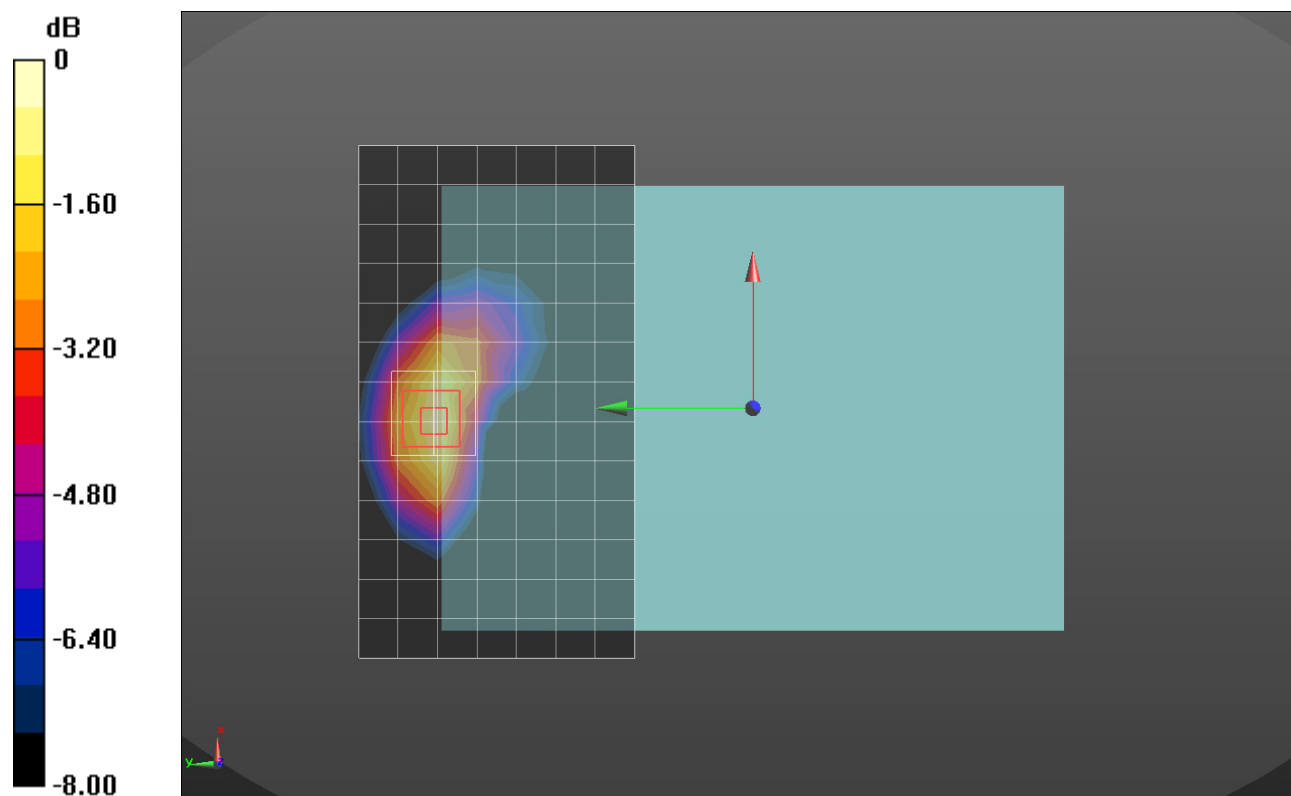
**Rear/1xRTT\_SO32\_RC 3/3 Ch 384 18mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.14 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.883 W/kg

**SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.395 W/kg**

Maximum value of SAR (measured) = 0.758 W/kg



0 dB = 0.758 W/kg = -1.20 dBW/kg

## GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.002$  S/m;  $\epsilon_r = 55.18$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2015-09-15
- Probe: EX3DV4 - SN7376; ConvF(10.07, 10.07, 10.07); Calibrated: 2015-09-02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Rear 2/GPRS 2slots\_ch 190/Area Scan (13x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.913 W/kg

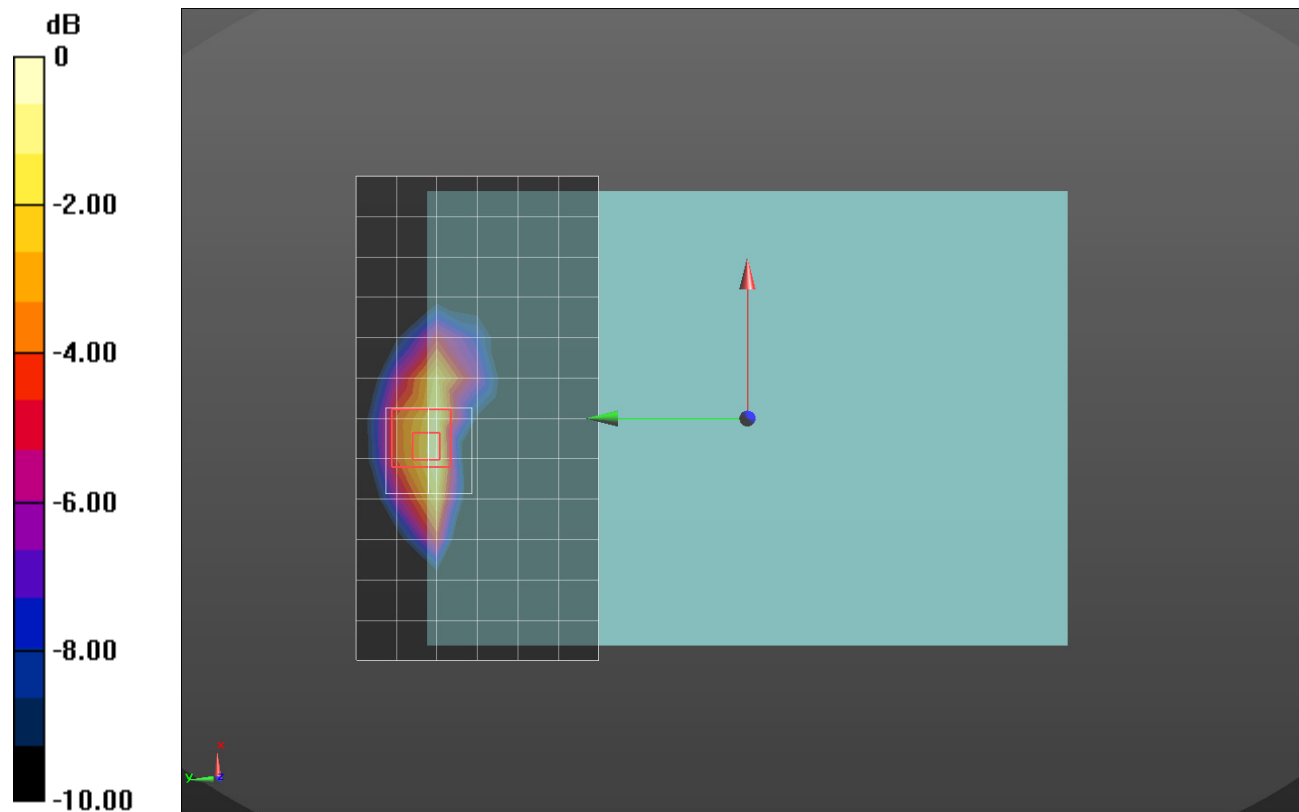
**Rear 2/GPRS 2slots\_ch 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.34 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.675 W/kg; SAR(10 g) = 0.361 W/kg.**

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

## GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  S/m;  $\epsilon_r = 51.139$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2015-11-11
- Probe: EX3DV4 - SN7313; ConvF(7.54, 7.54, 7.54); Calibrated: 2015-12-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Rear/GPRS 2slots\_ch 661/Area Scan (13x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.427 W/kg

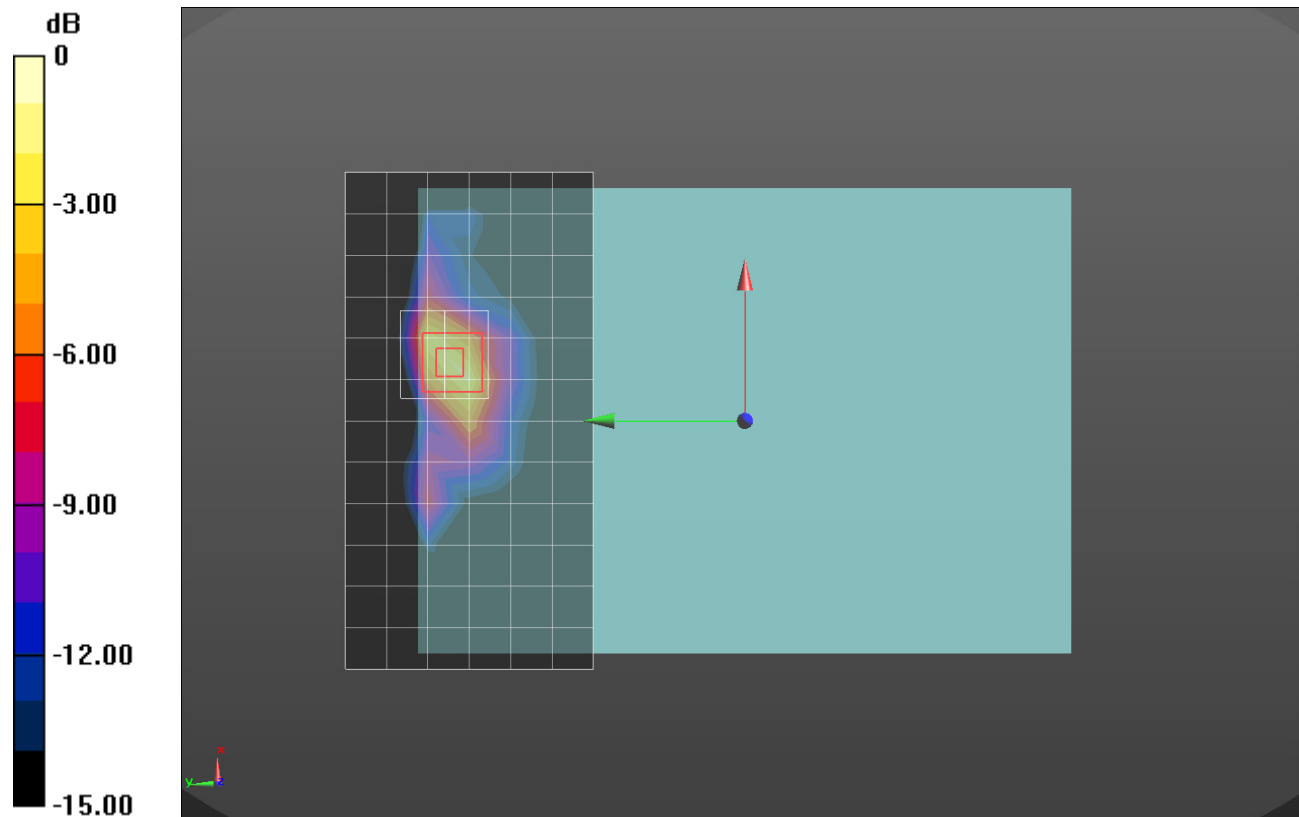
**Rear/GPRS 2slots\_ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.34 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.885 W/kg

**SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.184 W/kg**

Maximum value of SAR (measured) = 0.626 W/kg



0 dB = 0.626 W/kg = -2.03 dBW/kg

## WCDMA 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;  $\sigma = 1.499$  S/m;  $\epsilon_r = 51.139$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2015-11-11
- Probe: EX3DV4 - SN7313; ConvF(7.54, 7.54, 7.54); Calibrated: 2015-12-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Rear/Rel.99\_ch 9400 18mm/Area Scan (13x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.481 W/kg

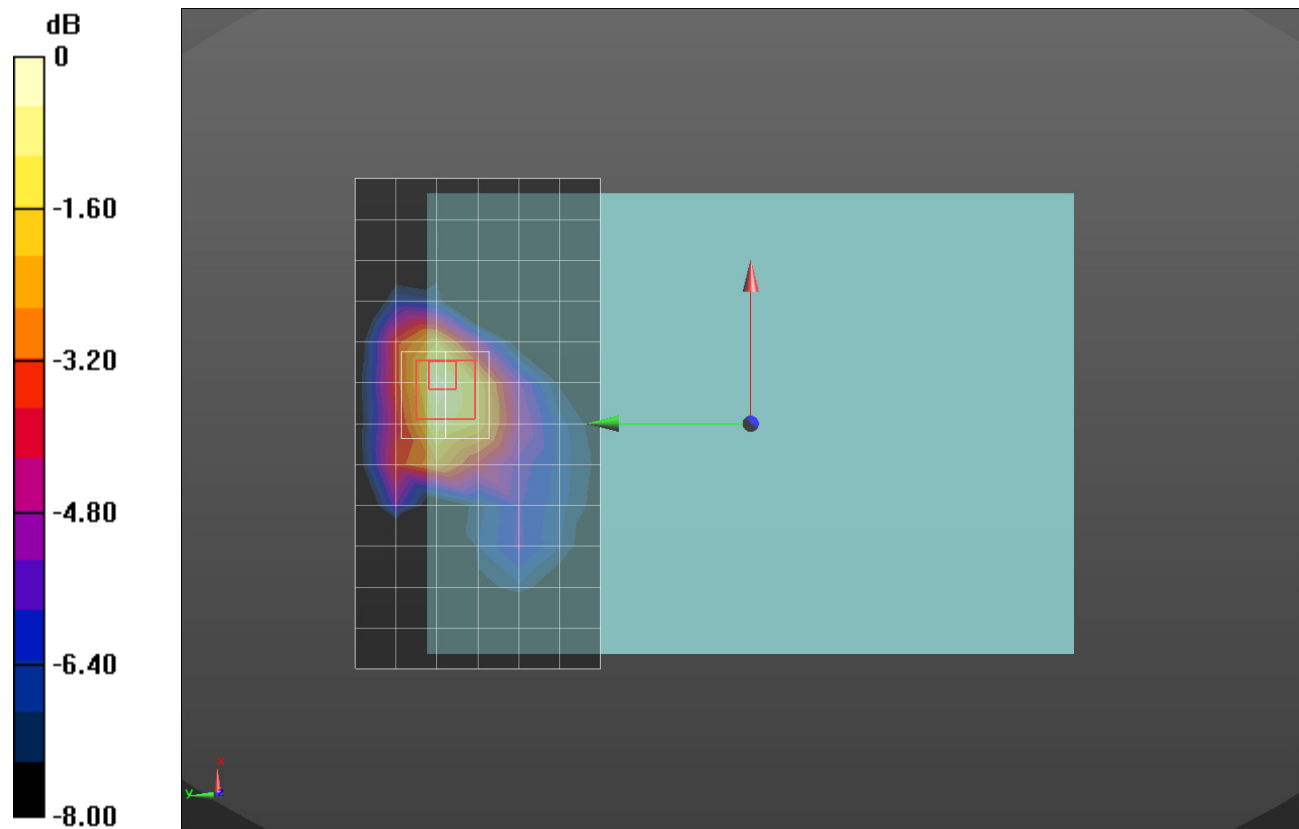
**Rear/Rel.99\_ch 9400 18mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.24 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.616 W/kg

**SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.223 W/kg**

Maximum value of SAR (measured) = 0.504 W/kg



## WCDMA 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;  $\sigma = 1.014$  S/m;  $\epsilon_r = 52.785$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2015-09-15
- Probe: EX3DV4 - SN7376; ConvF(10.07, 10.07, 10.07); Calibrated: 2015-09-02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Rear/Rel.99\_Ch 4183/Area Scan (13x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.668 W/kg

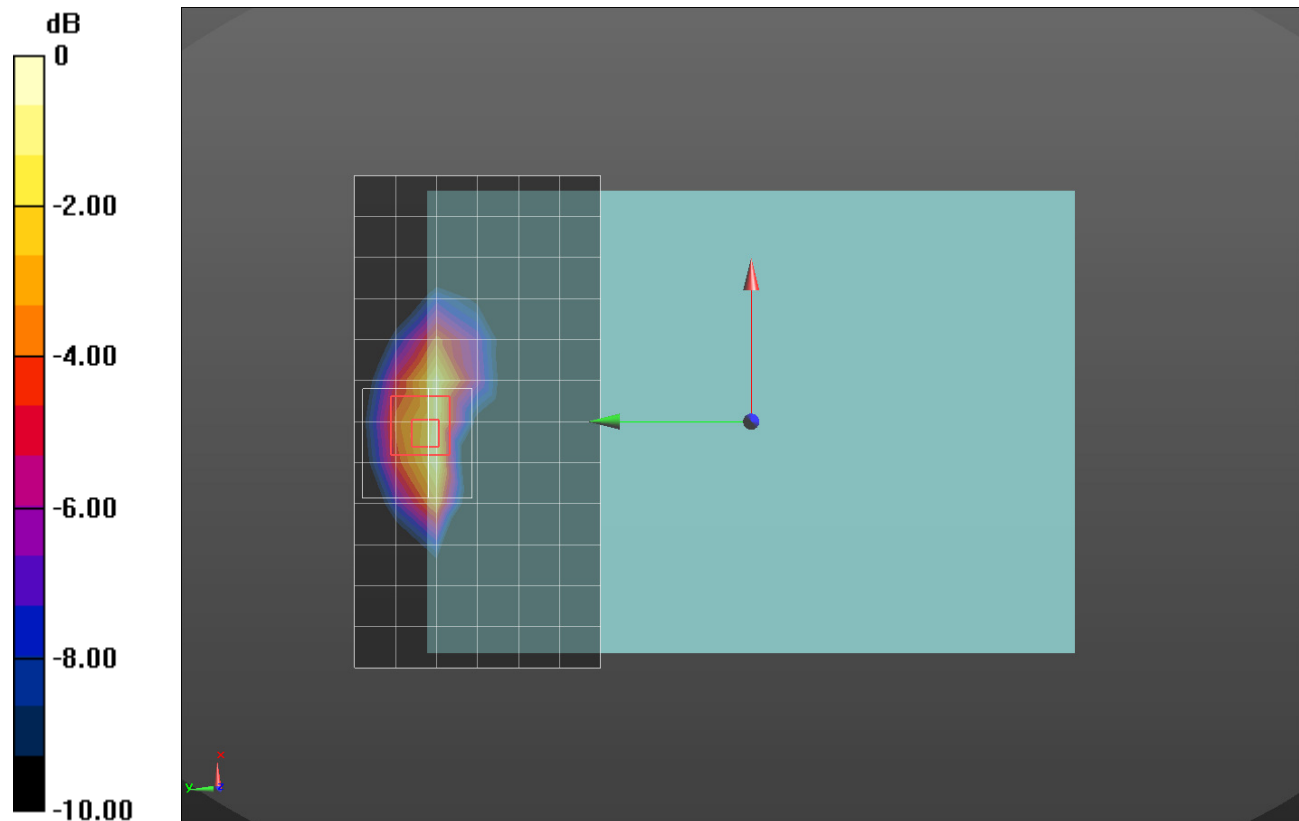
**Rear/Rel.99\_Ch 4183/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.99 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.285 W/kg**

Maximum value of SAR (measured) = 0.798 W/kg



0 dB = 0.798 W/kg = -0.98 dBW/kg

## LTE Band 41

Frequency: 2605 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 2605$  MHz;  $\sigma = 2.243$  S/m;  $\epsilon_r = 50.158$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1447; Calibrated: 2015-09-23
- Probe: EX3DV4 - SN7314; ConvF(7.05, 7.05, 7.05); Calibrated: 2015-09-25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Rear/QPSK RB 1/49 ch. 40740/Area Scan (18x10x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.833 W/kg

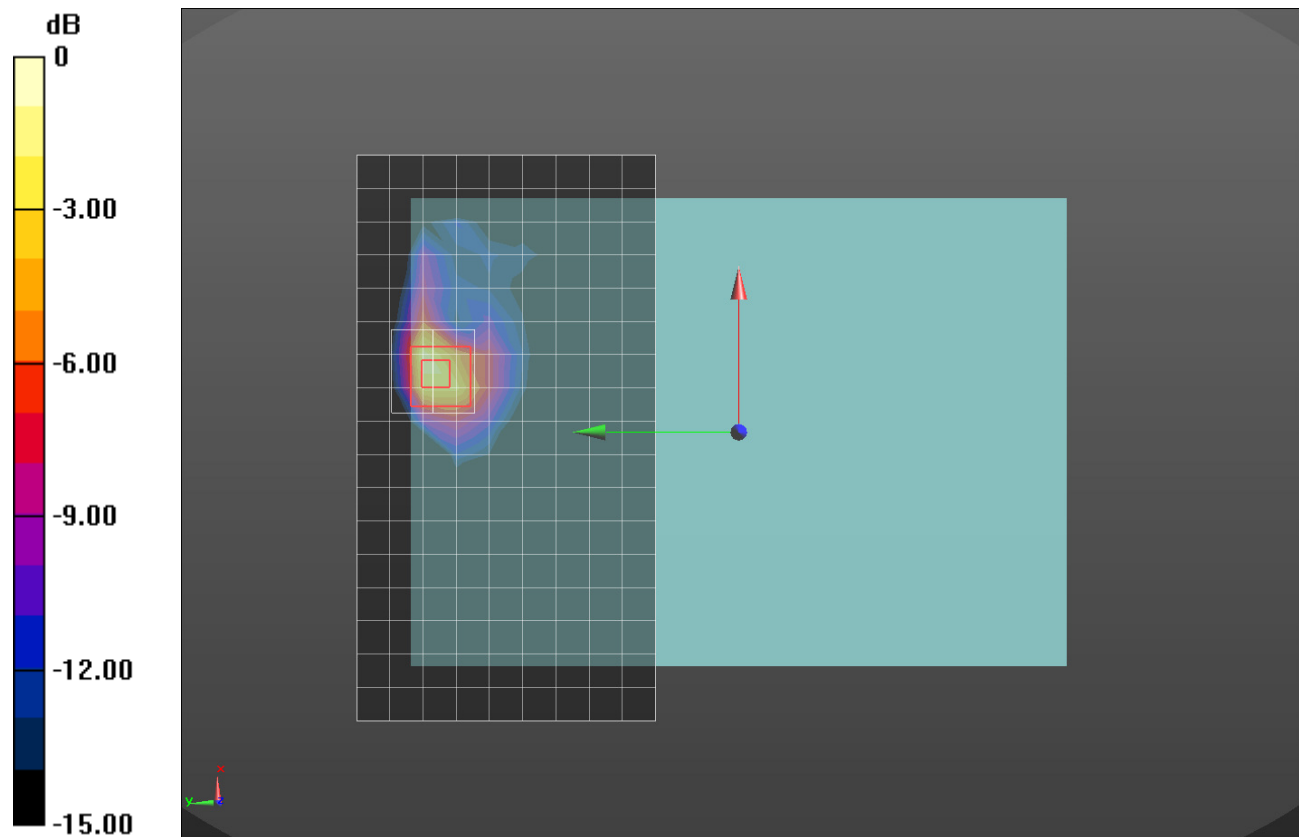
**Rear/QPSK RB 1/49 ch. 40740/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.48 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.257 W/kg**

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

## Wi-Fi\_2.4GHz

Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 2.001$  S/m;  $\epsilon_r = 53.234$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1447; Calibrated: 2015-09-23
- Probe: EX3DV4 - SN7314; ConvF(7.28, 7.28, 7.28); Calibrated: 2015-09-25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Rear/802.11b\_ch 1 SISO Chan 0 5mm/Area Scan (6x11x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.24 W/kg

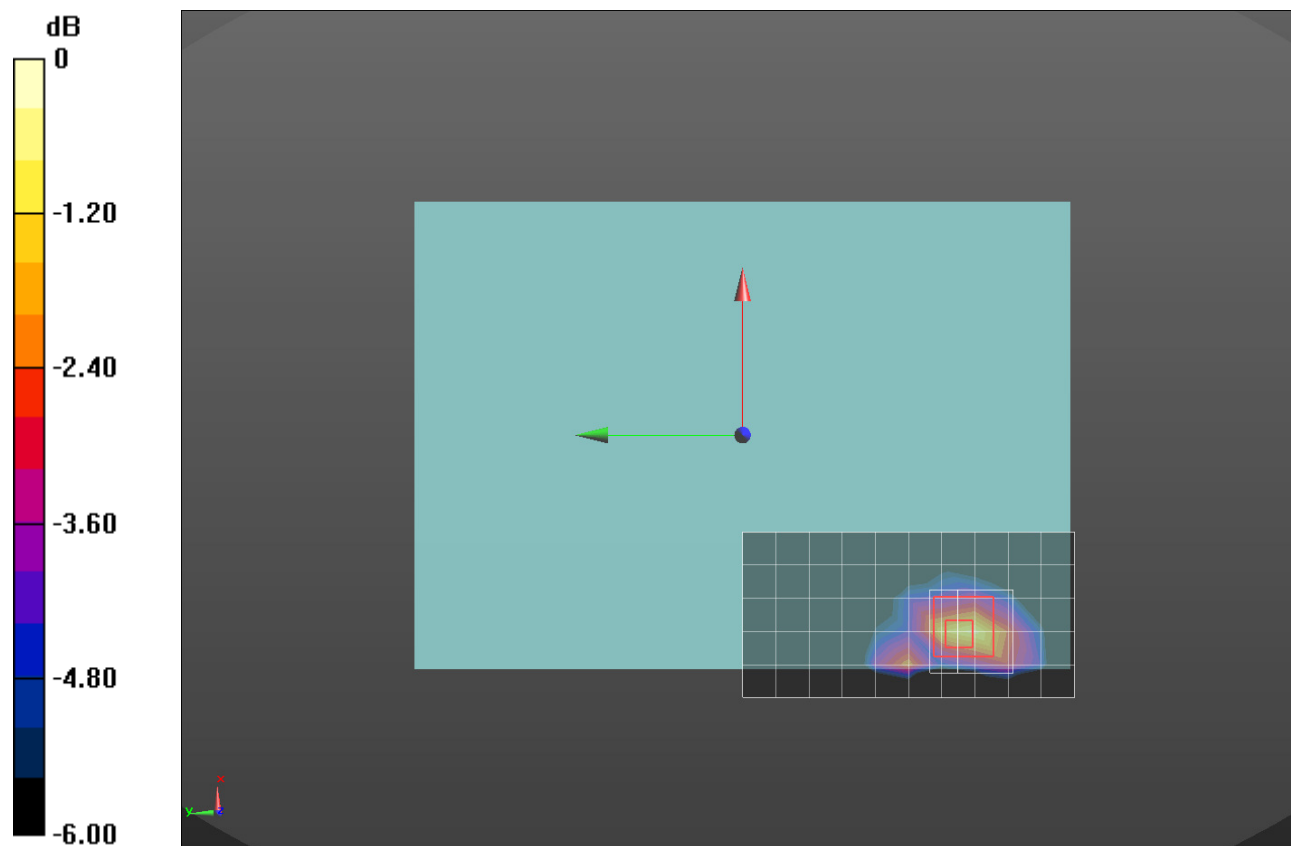
**Rear/802.11b\_ch 1 SISO Chan 0 5mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.41 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.05 W/kg

**SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.430 W/kg**

Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

## Wi-Fi\_5.3Ghz\_Reduction\_target 7

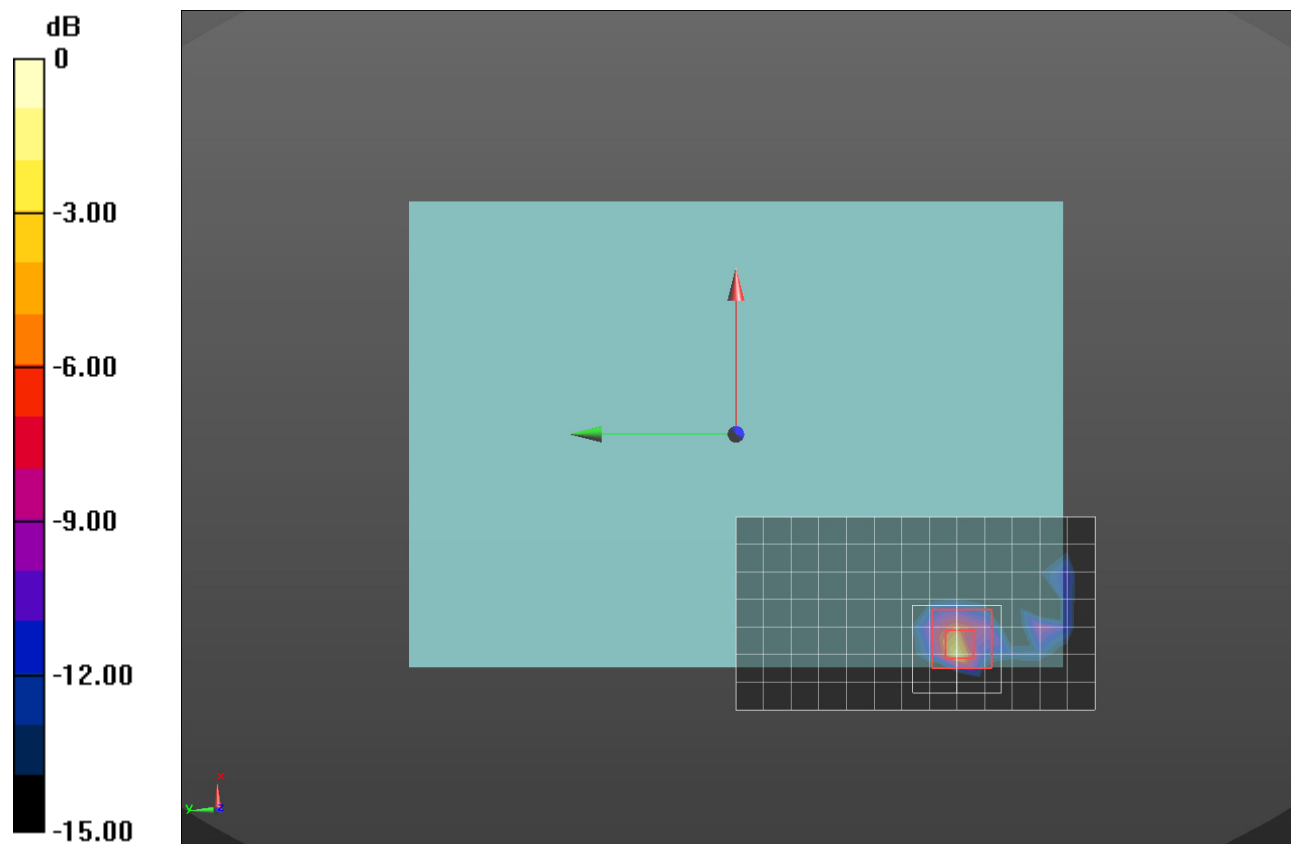
Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 5290$  MHz;  $\sigma = 5.38$  S/m;  $\epsilon_r = 48.067$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2015-11-11
- Probe: EX3DV4 - SN7313; ConvF(4.12, 4.12, 4.12); Calibrated: 2015-12-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Rear/802.11ac\_ch 58 SISO Chain 0/Area Scan (8x14x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 1.37 W/kg

**Rear/802.11ac\_ch 58 SISO Chain 0/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 16.32 V/m; Power Drift = 0.10 dB  
Peak SAR (extrapolated) = 5.61 W/kg  
**SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.159 W/kg**  
Maximum value of SAR (measured) = 2.19 W/kg



0 dB = 2.19 W/kg = 3.40 dBW/kg

## Wi-Fi\_5.5Ghz\_Reduction

Frequency: 5530 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 5530$  MHz;  $\sigma = 5.817$  S/m;  $\epsilon_r = 47.023$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2015-11-11
- Probe: EX3DV4 - SN7313; ConvF(3.71, 3.71, 3.71); Calibrated: 2015-12-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Rear/802.11ac\_ch 106 SISO Chain 0/Area Scan (8x14x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.72 W/kg

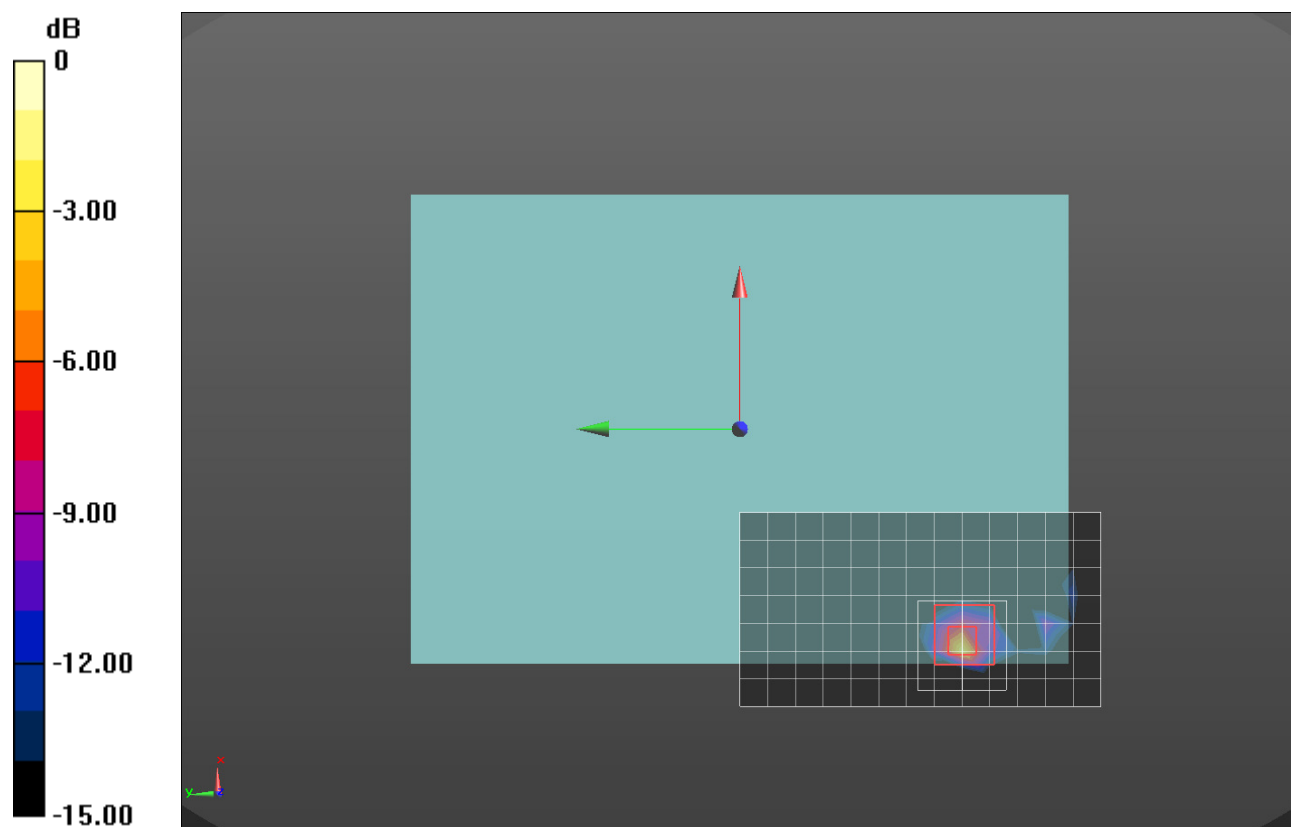
**Rear/802.11ac\_ch 106 SISO Chain 0/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 17.82 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 6.87 W/kg

**SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.167 W/kg**

Maximum value of SAR (measured) = 2.76 W/kg



0 dB = 2.76 W/kg = 4.41 dBW/kg

**Wi-Fi\_5.8Ghz**

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5775 \text{ MHz}$ ;  $\sigma = 6.027 \text{ S/m}$ ;  $\epsilon_r = 47.294$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1494; Calibrated: 2015-11-11
- Probe: EX3DV4 - SN7313; ConvF(3.85, 3.85, 3.85); Calibrated: 2015-12-30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Rear/802.11ac\_ch 155 SISO Chain 1 5mm/Area Scan (11x8x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.880 W/kg

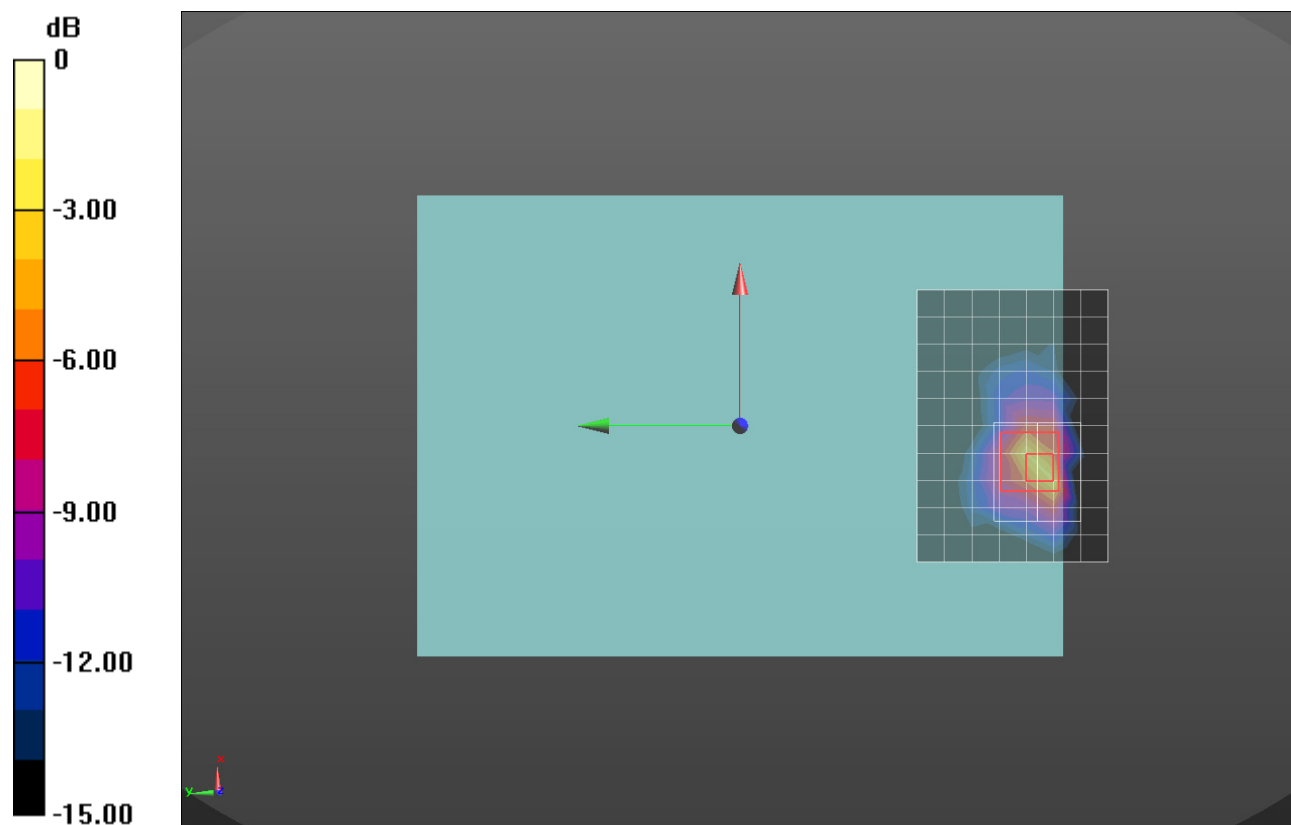
**Rear/802.11ac\_ch 155 SISO Chain 1 5mm/Zoom Scan (10x9x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 13.26 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.44 W/kg

**SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.176 W/kg**

Maximum value of SAR (measured) = 1.62 W/kg



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