

GSM 850_Reduced_0416

Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 54.261$; $\rho = 1000$ 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 Sn1447; Calibrated: 2014-08-25
- Probe: EX3DV4 - SN7313; ConvF(9.57, 9.57, 9.57); Calibrated: 2014-08-27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:2005

Rear/GPRS 4 slot_ch 190/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.802 W/kg

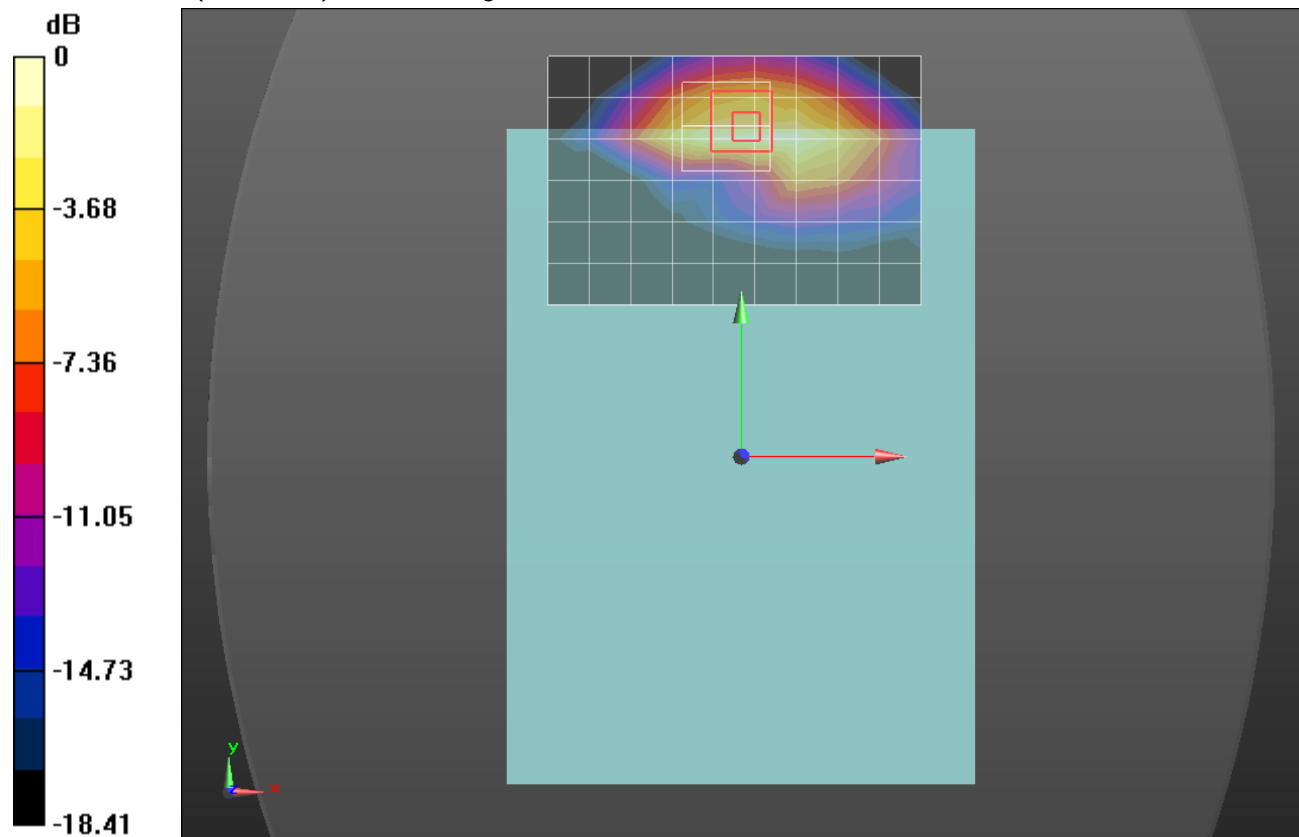
Rear/GPRS 4 slot_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.80 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.342 W/kg

Maximum value of SAR (measured) = 0.915 W/kg



0 dB = 0.915 W/kg = -0.39 dBW/kg

GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ S/m; $\epsilon_r = 55.376$; $\rho = 1000$ 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 Sn1446; Calibrated: 2014-08-27
- Probe: EX3DV4 - SN7314; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-08-27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI Phantom v5.0; Type: QDOVA002AA; Serial: TP:2005

Edge 4/GPRS 2 Slot ch 661 0mm/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.961 W/kg

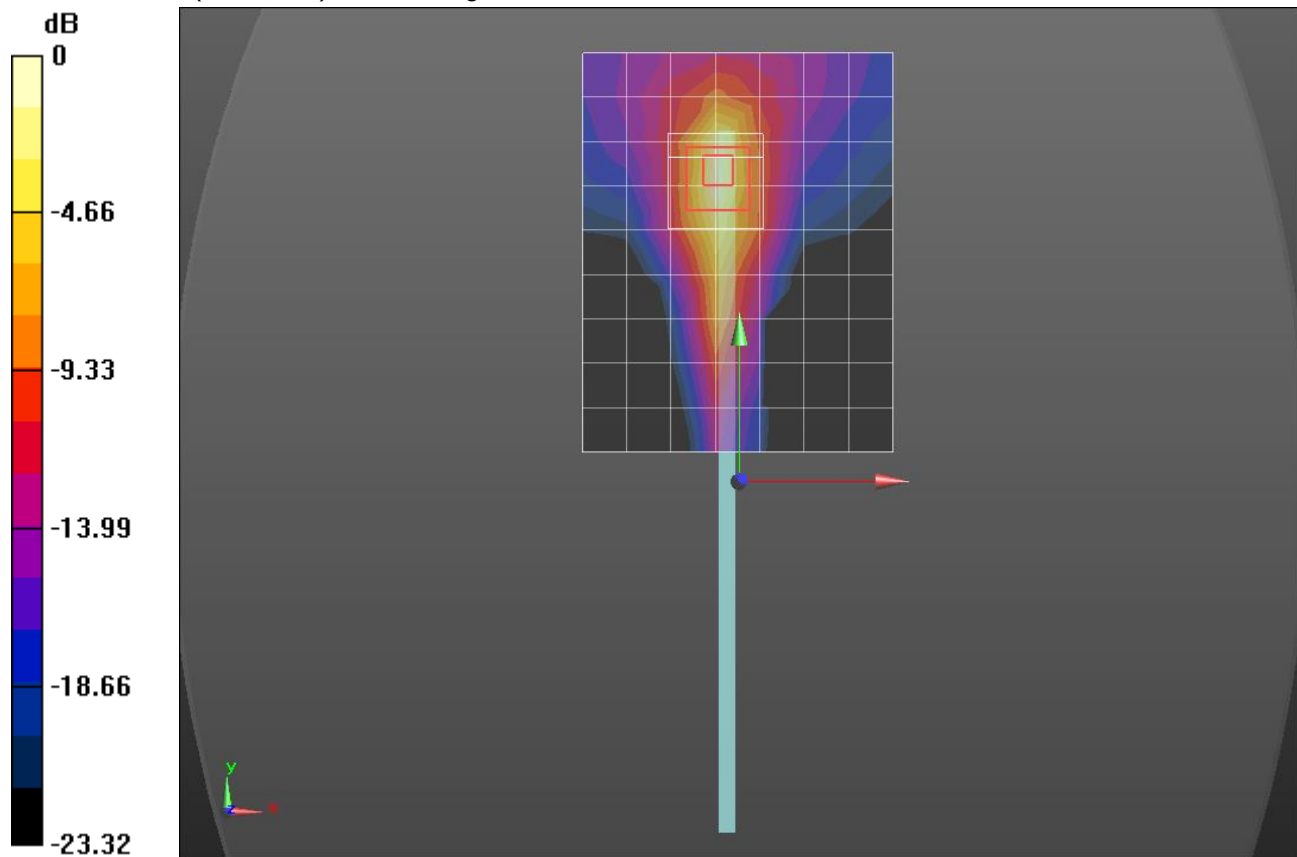
Edge 4/GPRS 2 Slot ch 661 0mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.08 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.256 W/kg

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



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

WCDMA Band V_0426

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.012$ S/m; $\epsilon_r = 53.555$; $\rho = 1000$ 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 Sn1447; Calibrated: 2014-08-25
- Probe: EX3DV4 - SN7313; ConvF(9.57, 9.57, 9.57); Calibrated: 2014-08-27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:2005

Rear/Rel 99 RMC_ch 4183 Reduced/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.674 W/kg

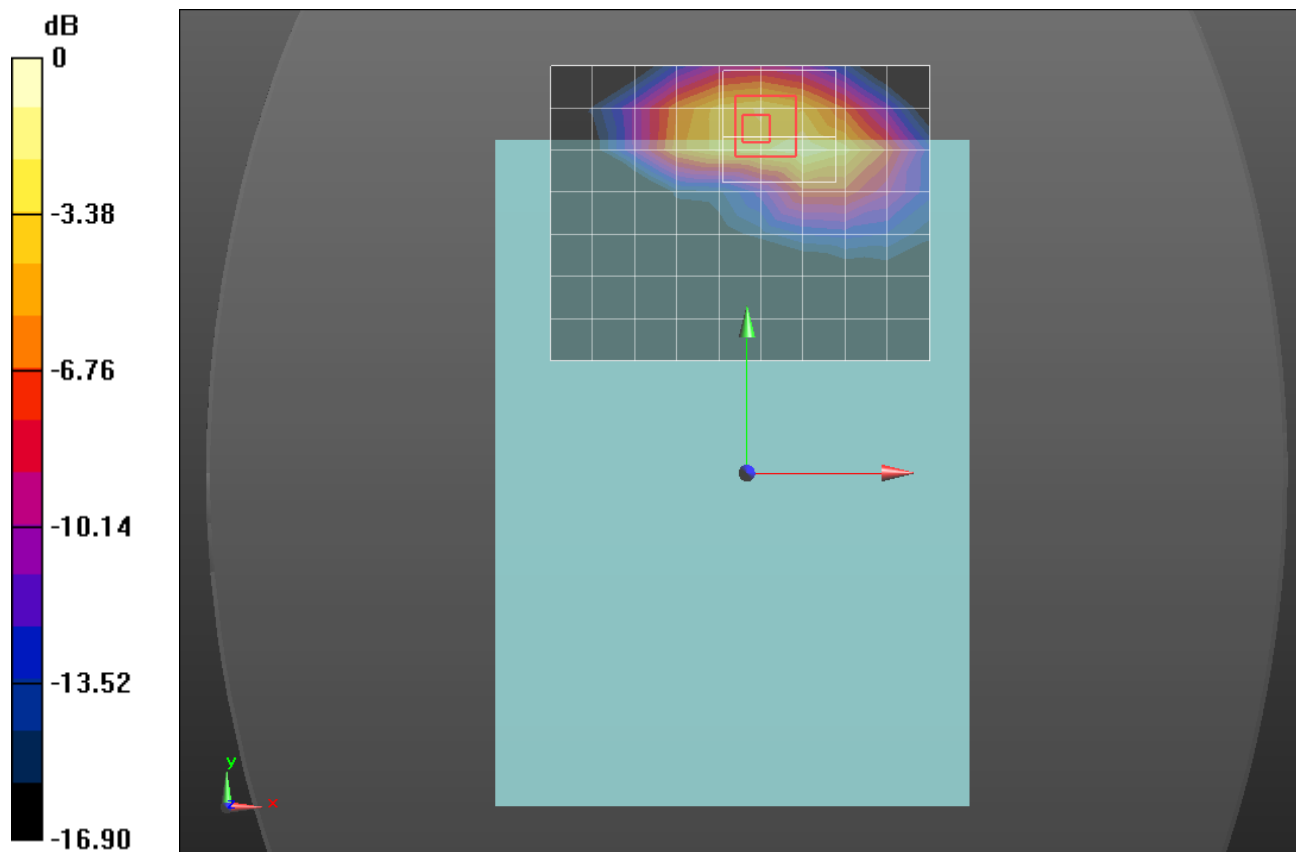
Rear/Rel 99 RMC_ch 4183 Reduced/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.12 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.348 W/kg

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



0 dB = 0.885 W/kg = -0.53 dBW/kg

WCDMA Band II_0426

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.569$ S/m; $\epsilon_r = 54.474$; $\rho = 1000$ 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 Sn1446; Calibrated: 2014-08-27
- Probe: EX3DV4 - SN7323; ConvF(7.77, 7.77, 7.77); Calibrated: 2014-12-05;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI Phantom v5.0; Type: QDOVA002AA; Serial: TP:2005

Rear/Rel 99 RMC_ch 9400 Reduce Power Sample no.14/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.581 W/kg

Rear/Rel 99 RMC_ch 9400 Reduce Power Sample no.14/Zoom Scan (5x5x7)/Cube 0:

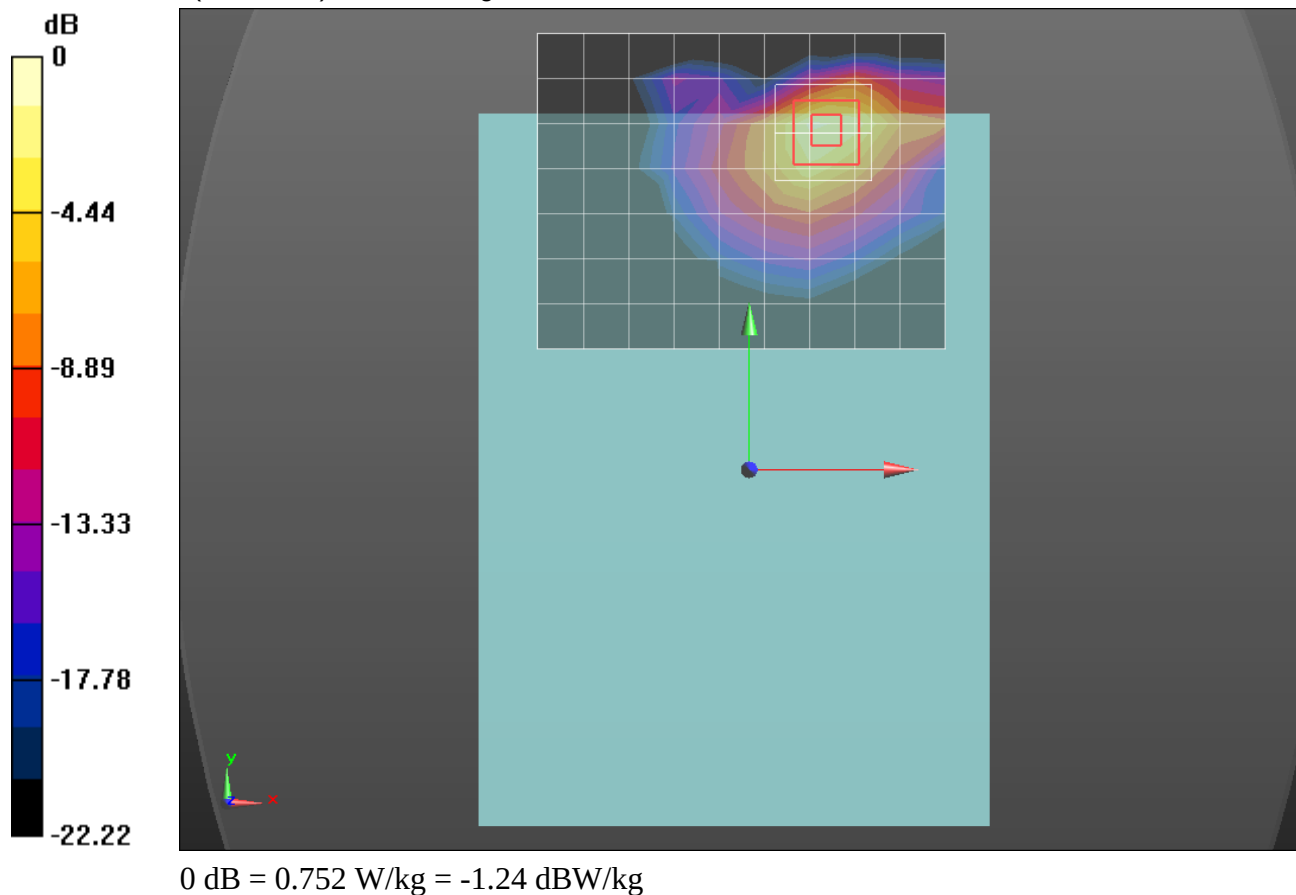
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.50 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.752 W/kg



LTE Band2_Max

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.564$ S/m; $\epsilon_r = 53.296$; $\rho = 1000$ 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 Sn1446; Calibrated: 2014-08-27
- Probe: EX3DV4 - SN7314; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-08-27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI Phantom v5.0; Type: QDOVA002AA; Serial: TP:2005

Edge 4/QPSK RB 1/99 ch 18900/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.781 W/kg

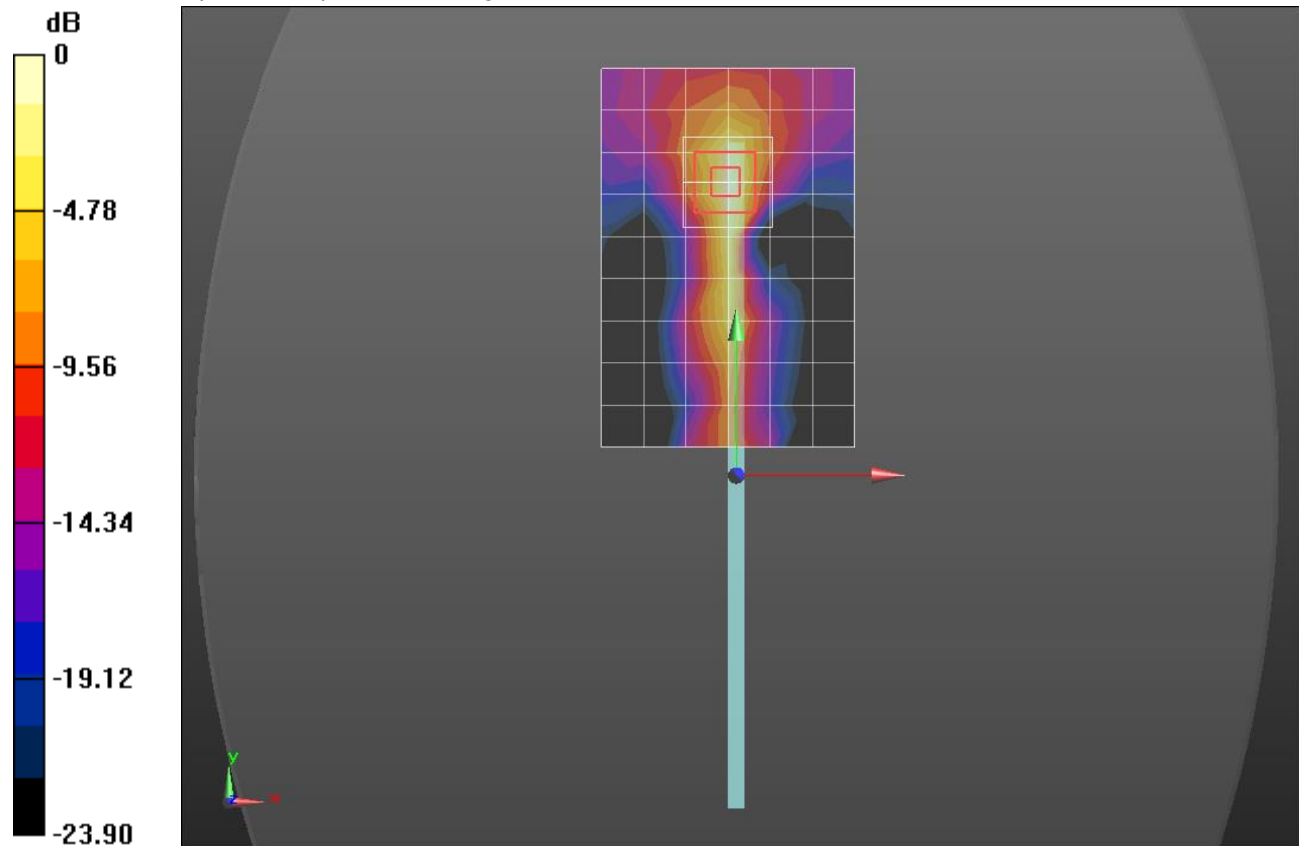
Edge 4/QPSK RB 1/99 ch 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.51 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 0.808 W/kg



0 dB = 0.808 W/kg = -0.93 dBW/kg

LTE Band 4_Reduced_0421

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1745$ MHz; $\sigma = 1.442$ S/m; $\epsilon_r = 53.646$; $\rho = 1000$ 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 Sn1446; Calibrated: 2014-08-27
- Probe: EX3DV4 - SN7314; ConvF(7.87, 7.87, 7.87); Calibrated: 2014-08-27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI Phantom v5.0; Type: QDOVA002AA; Serial: TP:2005

Rear/QPSK RB 1/99 ch 20300/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm

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

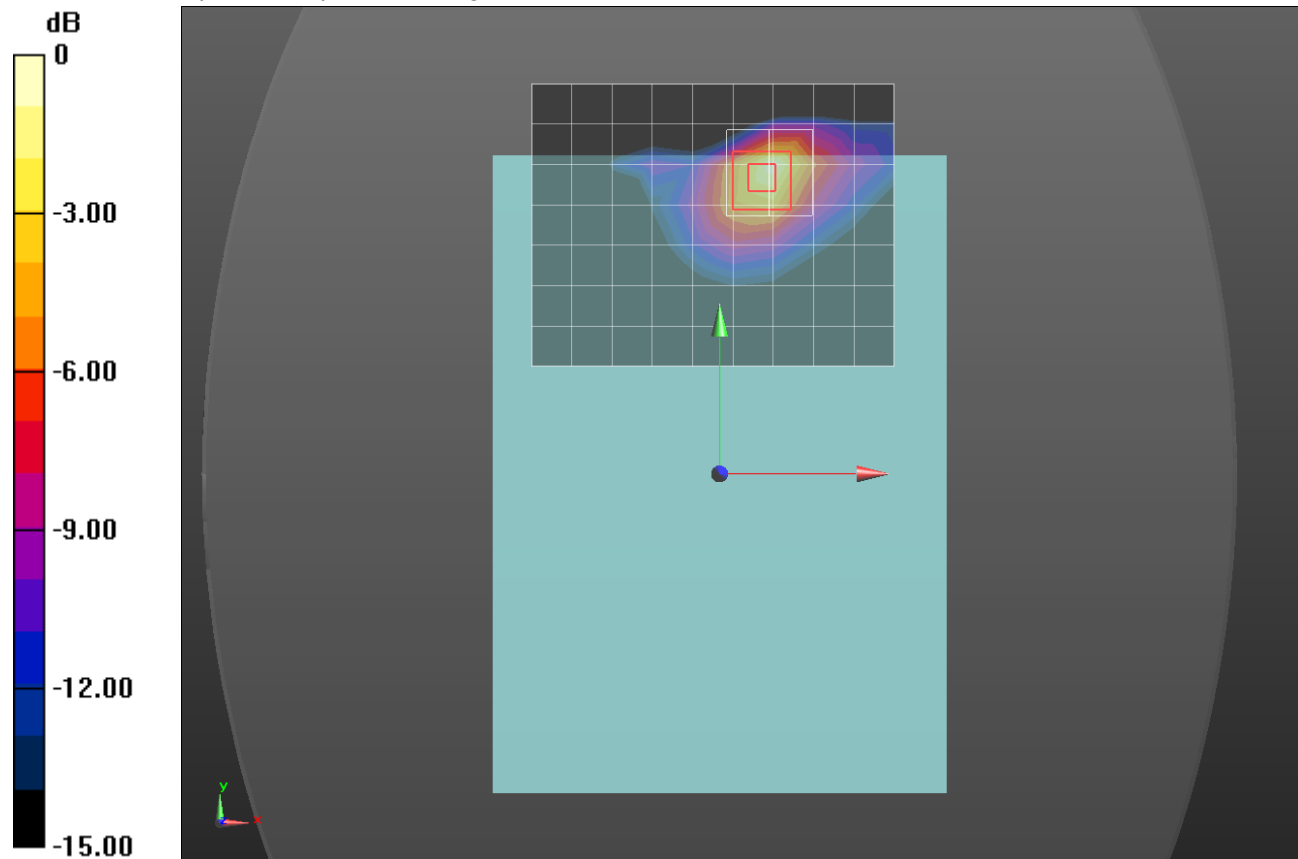
Rear/QPSK RB 1/99 ch 20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.47 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.744 W/kg; SAR(10 g) = 0.339 W/kg

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



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

LTE Band5_0421

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 53.177$; $\rho = 1000$ 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 Sn1447; Calibrated: 2014-08-25
- Probe: EX3DV4 - SN7313; ConvF(9.57, 9.57, 9.57); Calibrated: 2014-08-27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:2005

Edge 1/QPSK RB 1/49 ch 20525/Area Scan (6x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.853 W/kg

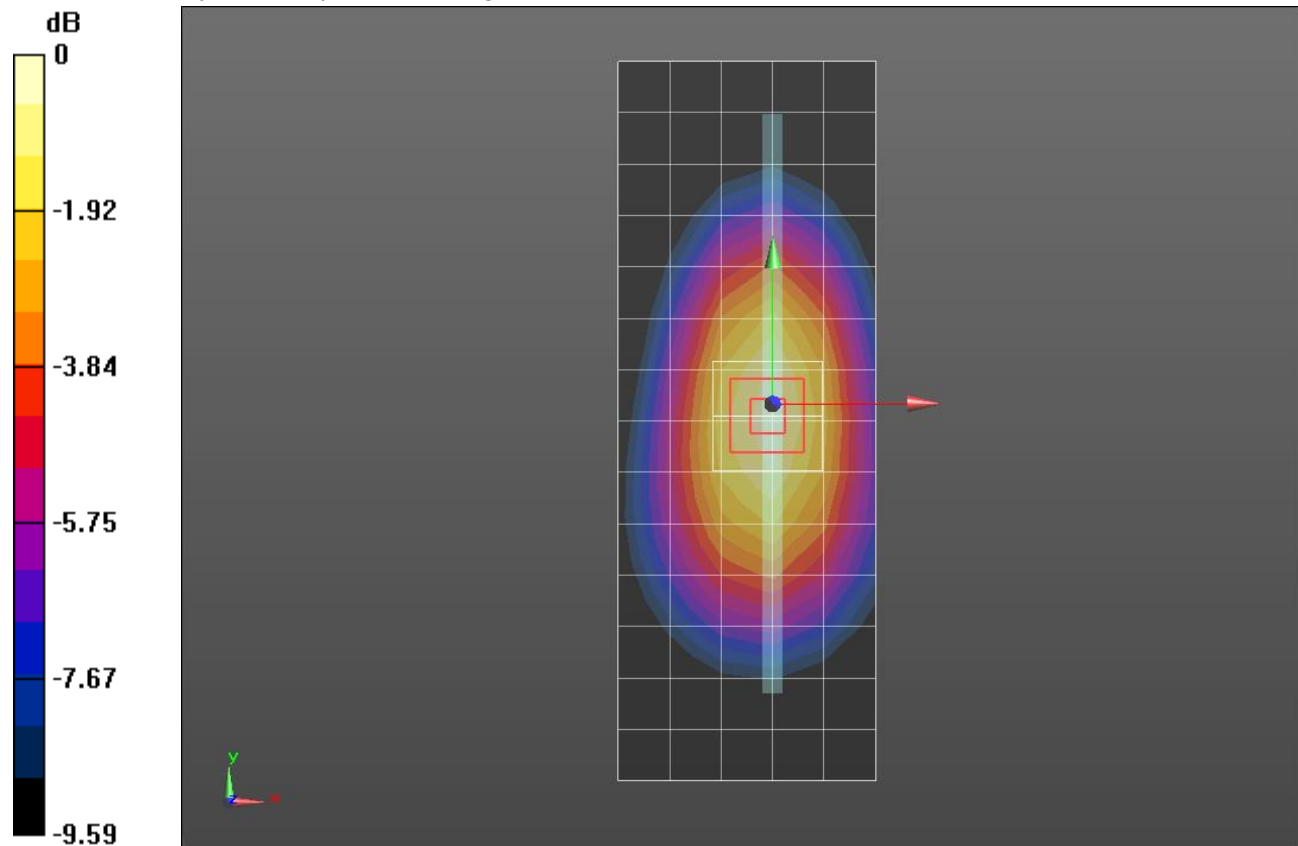
Edge 1/QPSK RB 1/49 ch 20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.76 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.511 W/kg

Maximum value of SAR (measured) = 0.864 W/kg



0 dB = 0.864 W/kg = -0.63 dBW/kg

LTE Band 17_Reduced_0424

Frequency: 710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.935 \text{ S/m}$; $\epsilon_r = 54.703$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1447; Calibrated: 2014-08-25
- Probe: EX3DV4 - SN7313; ConvF(9.65, 9.65, 9.65); Calibrated: 2014-08-27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:2005

Edge 1/QPSK RB 1/0 ch 23790/Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

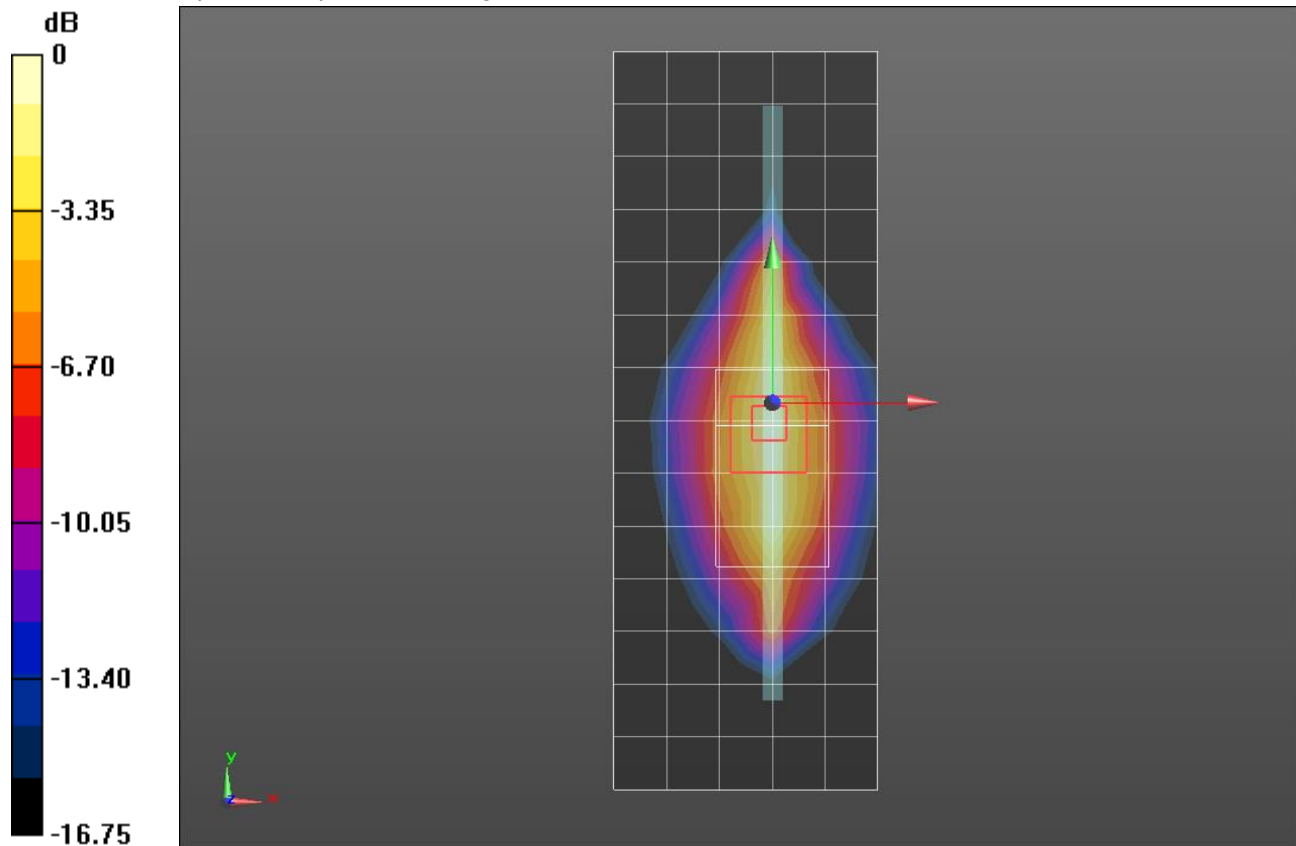
Edge 1/QPSK RB 1/0 ch 23790/Zoom Scan 2 (5x8x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 31.43 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.345 W/kg

Maximum value of SAR (measured) = 0.897 W/kg



0 dB = 0.897 W/kg = -0.47 dBW/kg

Wi-Fi 2.4GHz_Reduced

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; $\sigma = 1.963$ S/m; $\epsilon_r = 50.801$; $\rho = 1000$ 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 Sn1468; Calibrated: 2015-01-12
- Probe: EX3DV4 - SN7330; ConvF(7.32, 7.32, 7.32); Calibrated: 2015-02-12;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

Rear(Dist 0mm)/802.11b_ch 6 SISO Chain 0/Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm.

Maximum value of SAR (measured) = 1.03 W/kg

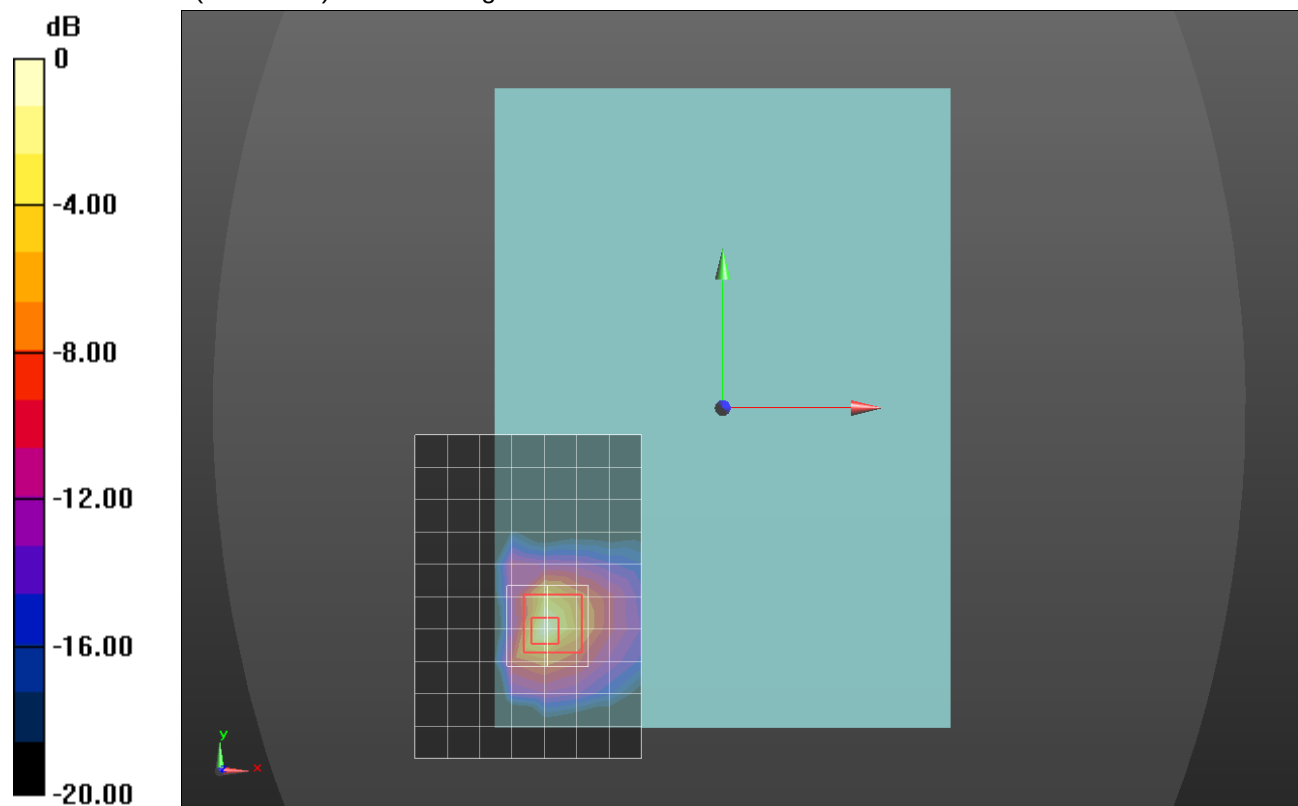
Rear(Dist 0mm)/802.11b_ch 6 SISO Chain 0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.07 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.223 W/kg

Maximum value of SAR (measured) = 0.991 W/kg



0 dB = 0.991 W/kg = -0.04 dBW/kg

Wi-Fi 5.3GHz_Reduced

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5290$ MHz; $\sigma = 5.386$ S/m; $\epsilon_r = 47.173$; $\rho = 1000$ 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 Sn1468; Calibrated: 2015-01-12
- Probe: EX3DV4 - SN7330; ConvF(4.4, 4.4, 4.4); Calibrated: 2015-02-12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

Rear/802.11ac_ch 58 SISO Chan 1/Area Scan (16x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.11 W/kg

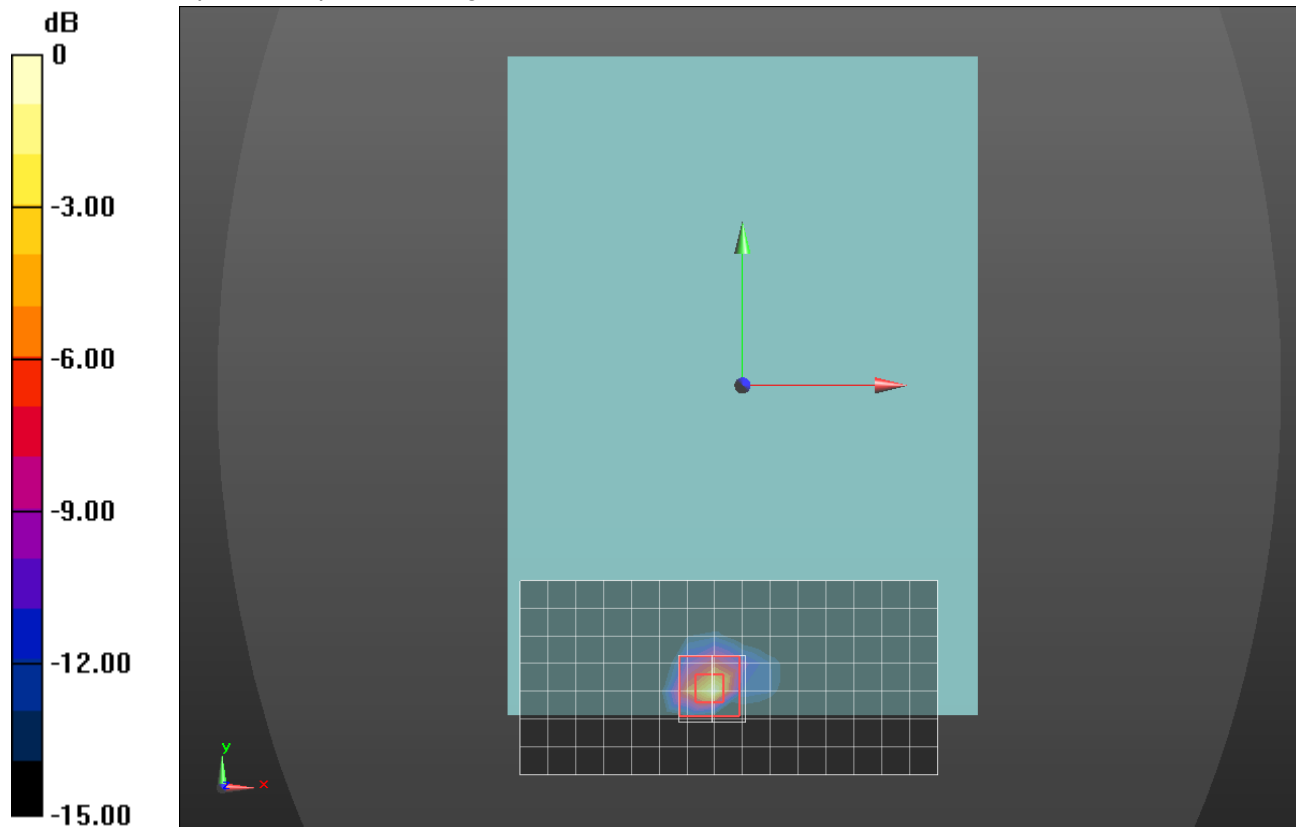
Rear/802.11ac_ch 58 SISO Chan 1/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 19.21 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 7.27 W/kg

SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 2.26 W/kg



0 dB = 2.26 W/kg = 3.54 dBW/kg

Wi-Fi 5.5GHz_Reduced

Frequency: 5530 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5530$ MHz; $\sigma = 5.698$ S/m; $\epsilon_r = 46.789$; $\rho = 1000$ 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 Sn1468; Calibrated: 2015-01-12
- Probe: EX3DV4 - SN7330; ConvF(3.9, 3.9, 3.9); Calibrated: 2015-02-12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

Rear/802.11ac_ch 106 SISO Chan 1/Area Scan (16x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.60 W/kg

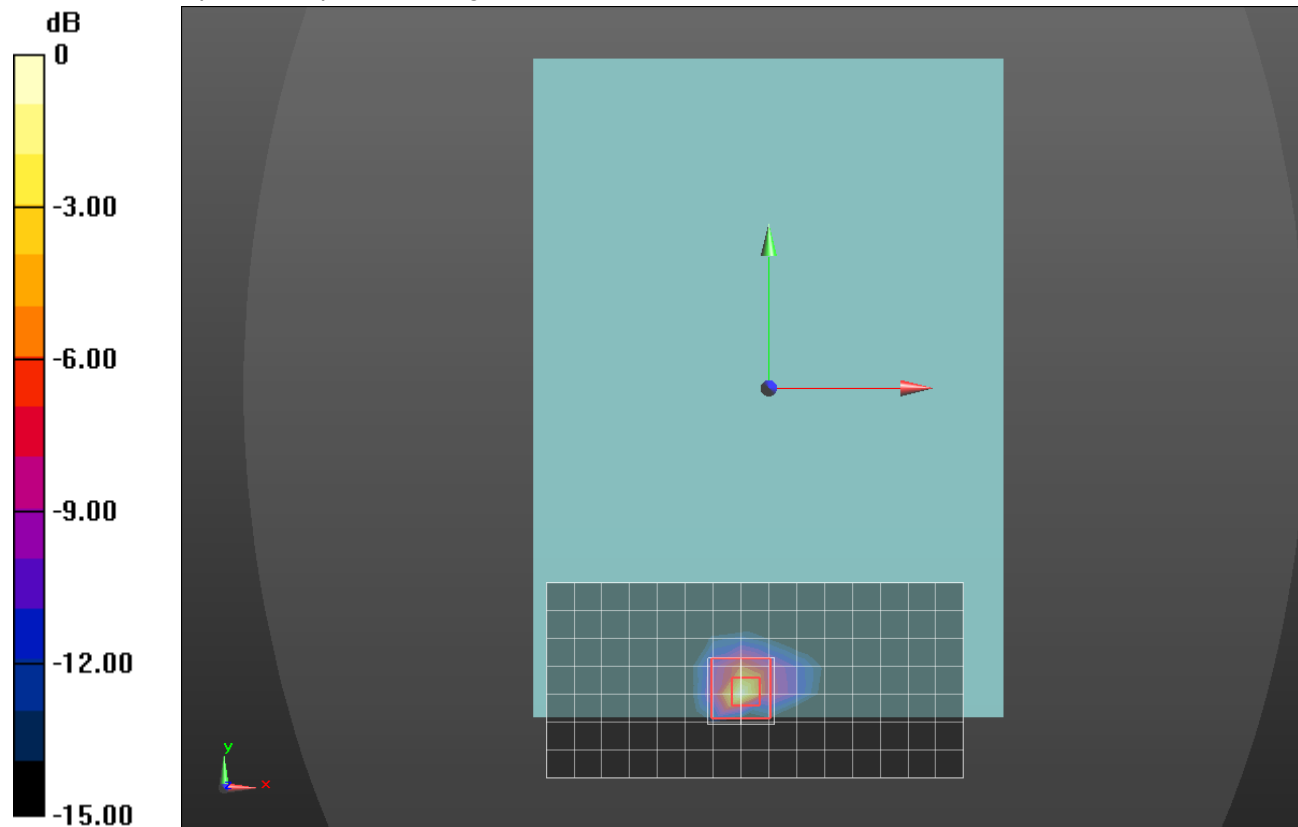
Rear/802.11ac_ch 106 SISO Chan 1/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 21.01 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 9.24 W/kg

SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 2.46 W/kg



0 dB = 2.46 W/kg = 3.91 dBW/kg

Wi-Fi 5.8GHz_Reduced

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 6.174 \text{ S/m}$; $\epsilon_r = 45.965$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1447; Calibrated: 2014-08-25
- Probe: EX3DV4 - SN7313; ConvF(4.09, 4.09, 4.09); Calibrated: 2014-08-27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:2005

Rear(Dist 4mm)/802.11ac_ch 155 SISO Chan 1/Area Scan (16x8x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 2.24 W/kg

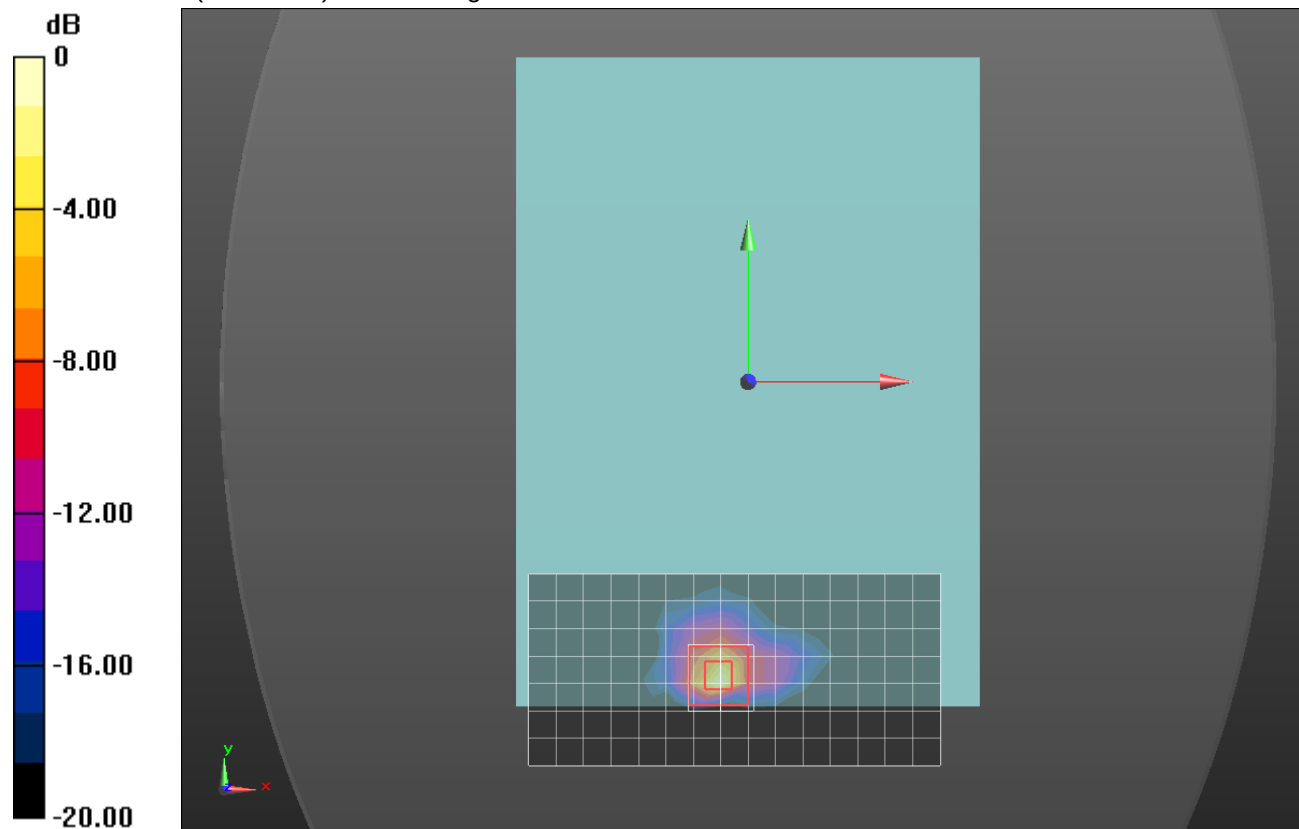
Rear(Dist 4mm)/802.11ac_ch 155 SISO Chan 1/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 18.56 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 7.28 W/kg

SAR(1 g) = 0.844 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 2.42 W/kg



0 dB = 2.42 W/kg = 3.84 dBW/kg

Bluetooth_0501

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 2.024$ S/m; $\epsilon_r = 50.708$; $\rho = 1000$ 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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1446; Calibrated: 2014-08-27
- Probe: EX3DV4 - SN7323; ConvF(7.3, 7.3, 7.3); Calibrated: 2014-12-05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI Phantom v5.0; Type: QDOVA002AA; Serial: TP:2001

Rear/802.11a_ch 116 SISO Chan 0/Area Scan (9x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.151 W/kg

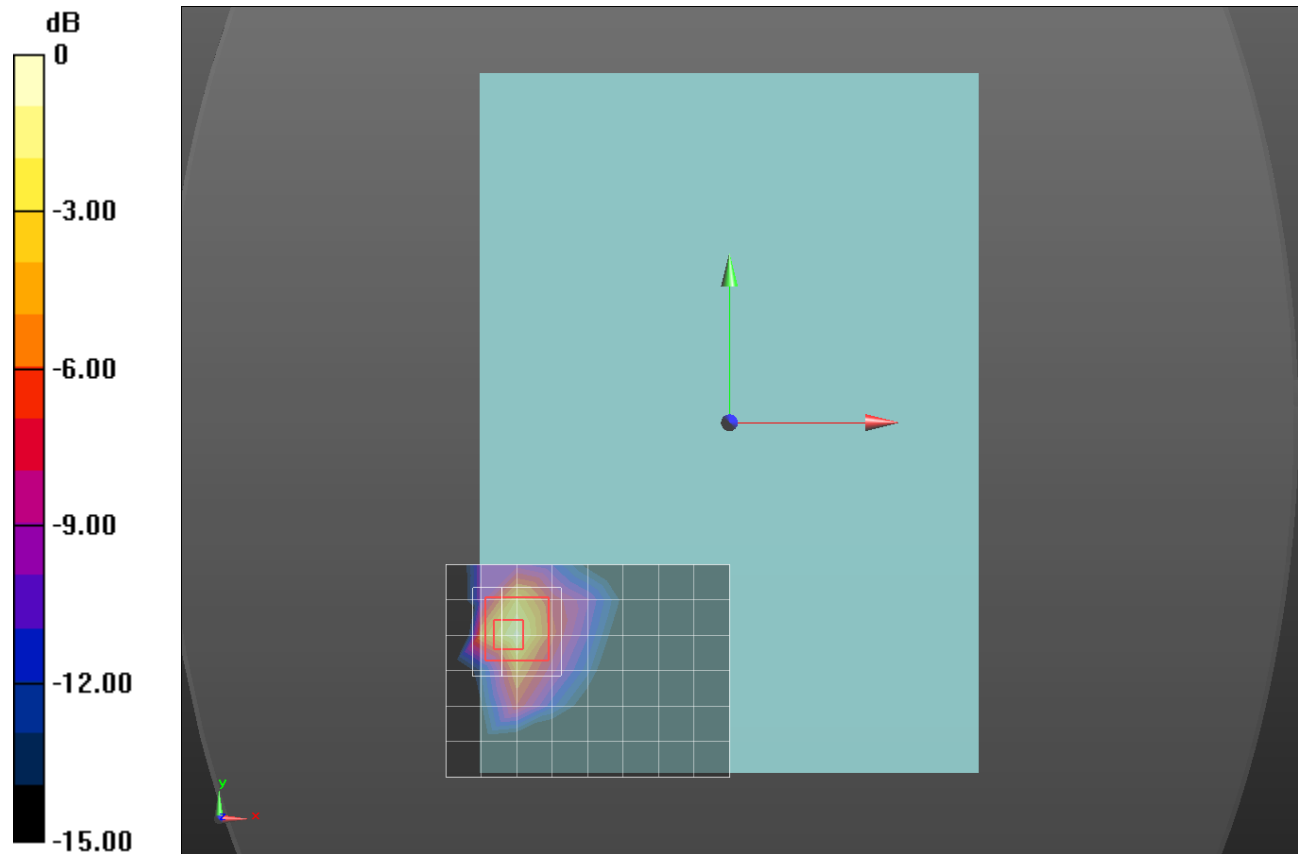
Rear/802.11a_ch 116 SISO Chan 0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.476 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.172 W/kg



0 dB = 0.172 W/kg = -7.64 dBW/kg