GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:2.60016;   Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.017 S/m; ε_r = 54.091; 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 0.0012W/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 2/GPRS 3 slot_ch 190/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
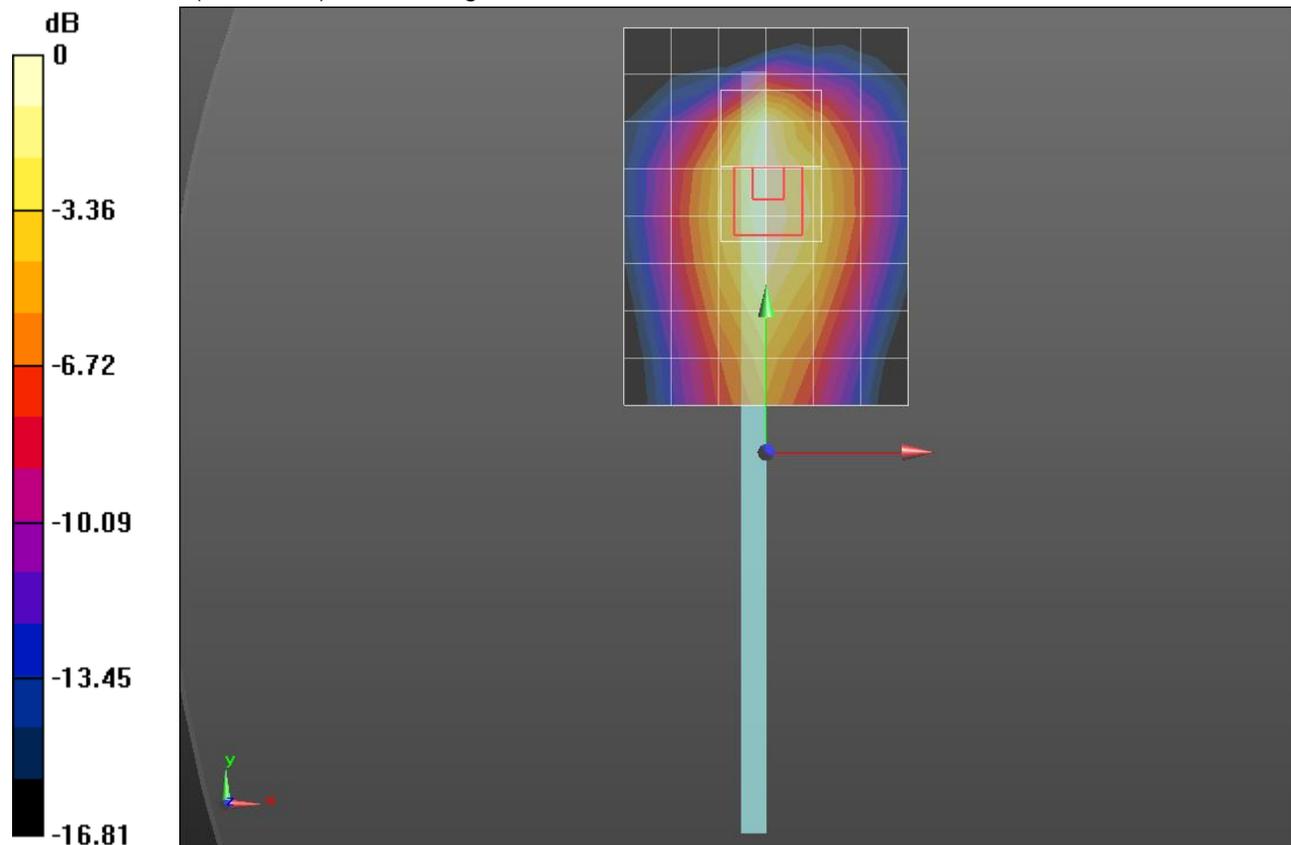
Maximum value of SAR (measured) = 1.22 W/kg

Edge 2/GPRS 3 slot_ch 190/Zoom Scan (5x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm

Reference Value = 34.86 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.633 W/kg
Maximum value of SAR (measured) = 1.21 W/kg
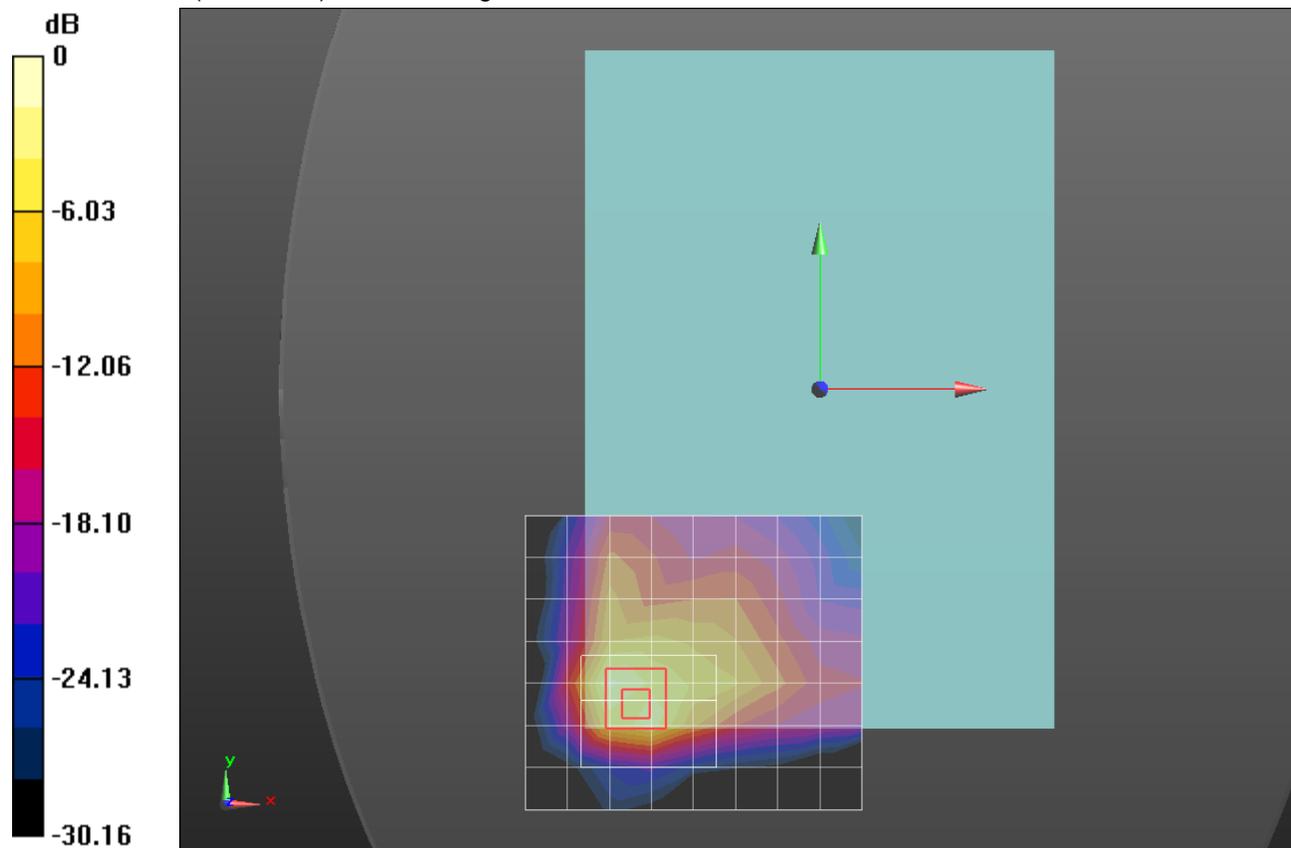

0 dB = 1.21 W/kg = 0.83 dBW/kg

GSM 1900_Reduced_0306

Frequency: 1880 MHz; Duty Cycle: 1:8.00018;   Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.533 S/m; ε_r = 52.457; 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 0.0012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2014-08-25
- Probe: EX3DV4 - SN7313; ConvF(7.49, 7.49, 7.49); Calibrated: 2014-08-27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx

Rear/GPRS 1 Slot ch 661/Area Scan (9x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.679 W/kg

Rear/GPRS 1 Slot ch 661/Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.28 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.309 W/kg
Maximum value of SAR (measured) = 0.944 W/kg

0 dB = 0.944 W/kg = -0.25 dBW/kg

WCDMA Band V

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; σ = 1.017 S/m; ε_r = 54.091; 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 0.0012W/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:xxxx

Rear/Rel 99 RMC_ch 4183 w/ Pwr Back Off/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.860 W/kg

Rear/Rel 99 RMC_ch 4183 w/ Pwr Back Off/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
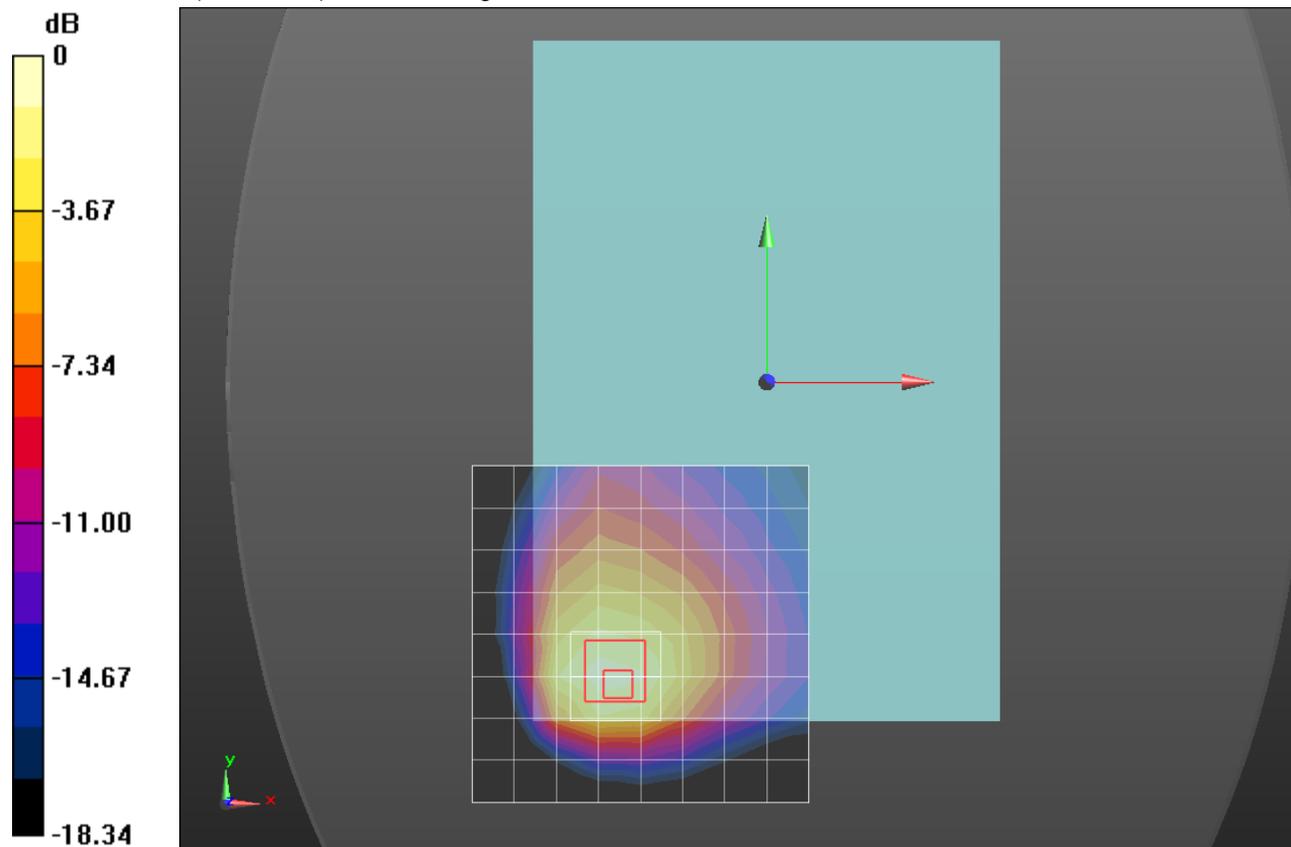dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.159 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.467 W/kg
Maximum value of SAR (measured) = 0.943 W/kg

0 dB = 0.943 W/kg = -0.25 dBW/kg

WCDMA Band IV_Max 0305

Frequency: 1752.6 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.436 S/m; ε_r = 51.366; 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 0.0012W/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

EDGE 2/Rel 99 RMC_ch 1513 Max Power/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.16 W/kg

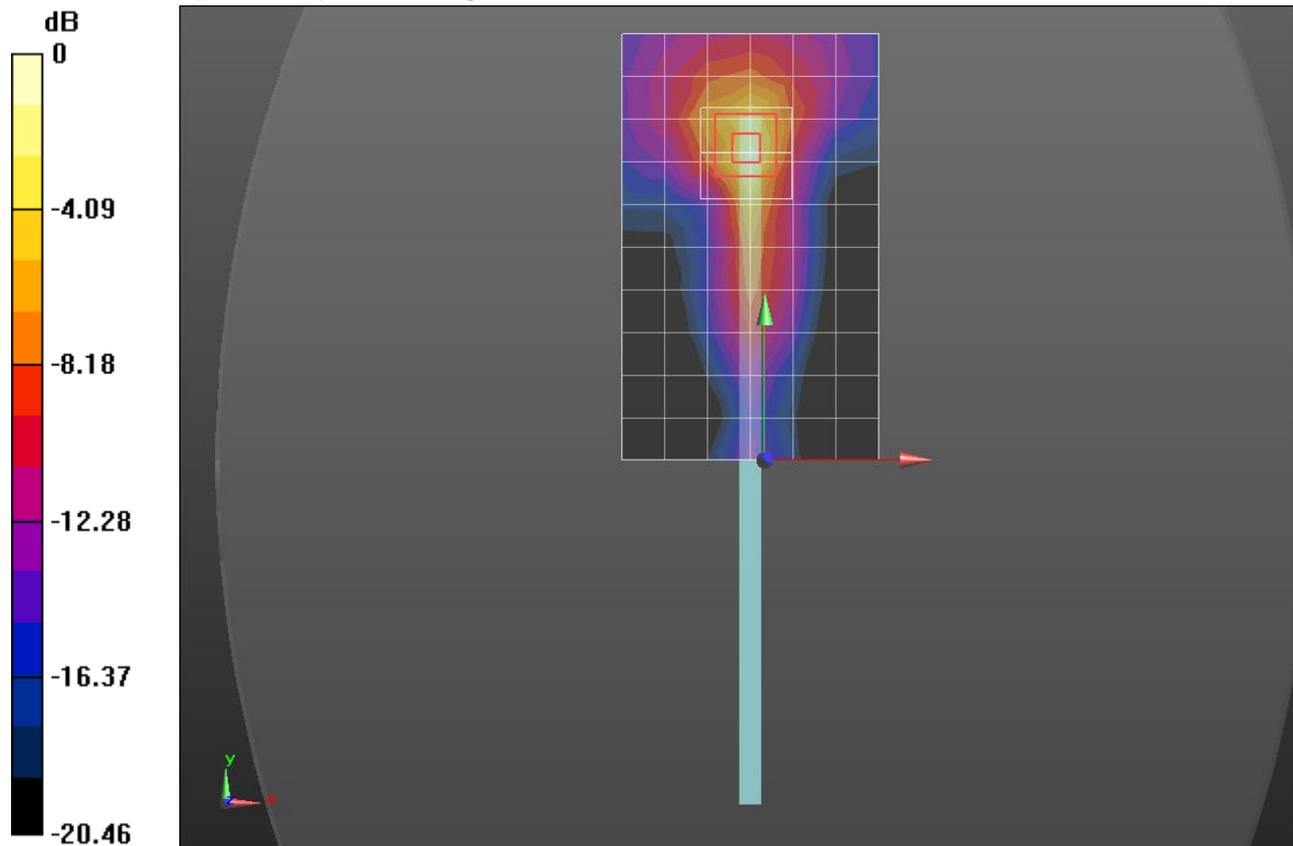## EDGE 2/Rel 99 RMC_ch 1513 Max Power/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.68 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.375 W/kg
Maximum value of SAR (measured) = 1.22 W/kg

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

WCDMA Band II

Frequency: 1852.4 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.528 S/m; ε_r = 51.538; 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 0.0012W/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 2/Rel 99 RMC_ch 9262 Max Power/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.43 W/kg

EDGE 2/Rel 99 RMC_ch 9262 Max Power/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
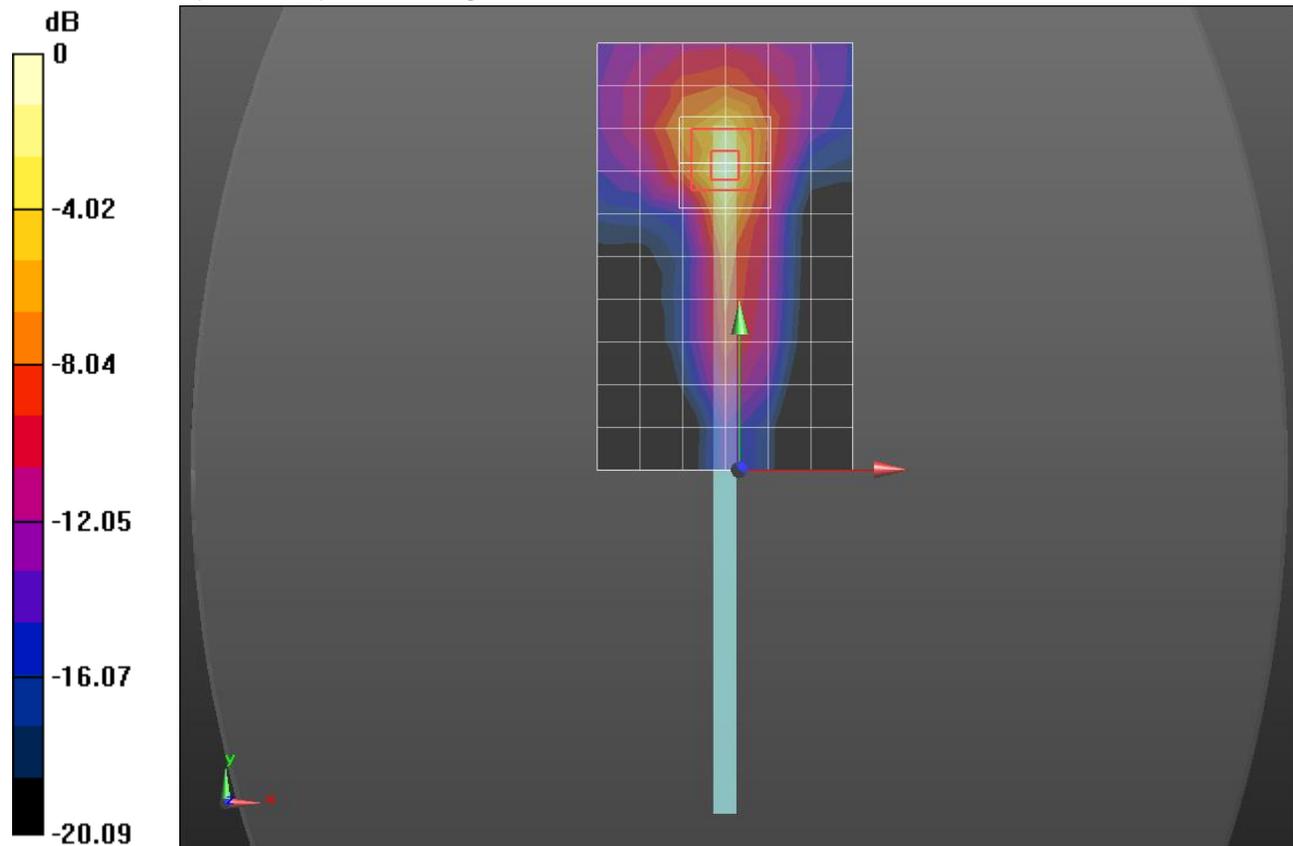dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.05 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 0.977 W/kg; SAR(10 g) = 0.450 W/kg
Maximum value of SAR (measured) = 1.44 W/kg

0 dB = 1.44 W/kg = 1.58 dBW/kg

LTE Band2_Reduced_0305

Frequency: 1880 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.533 S/m; ε_r = 52.457; ρ = 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(7.49, 7.49, 7.49); Calibrated: 2014-08-27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx

Rear/QPSK RB 1/0 ch 18900/Area Scan (9x8x1): Measurement grid: dx=15mm, dy=15mm
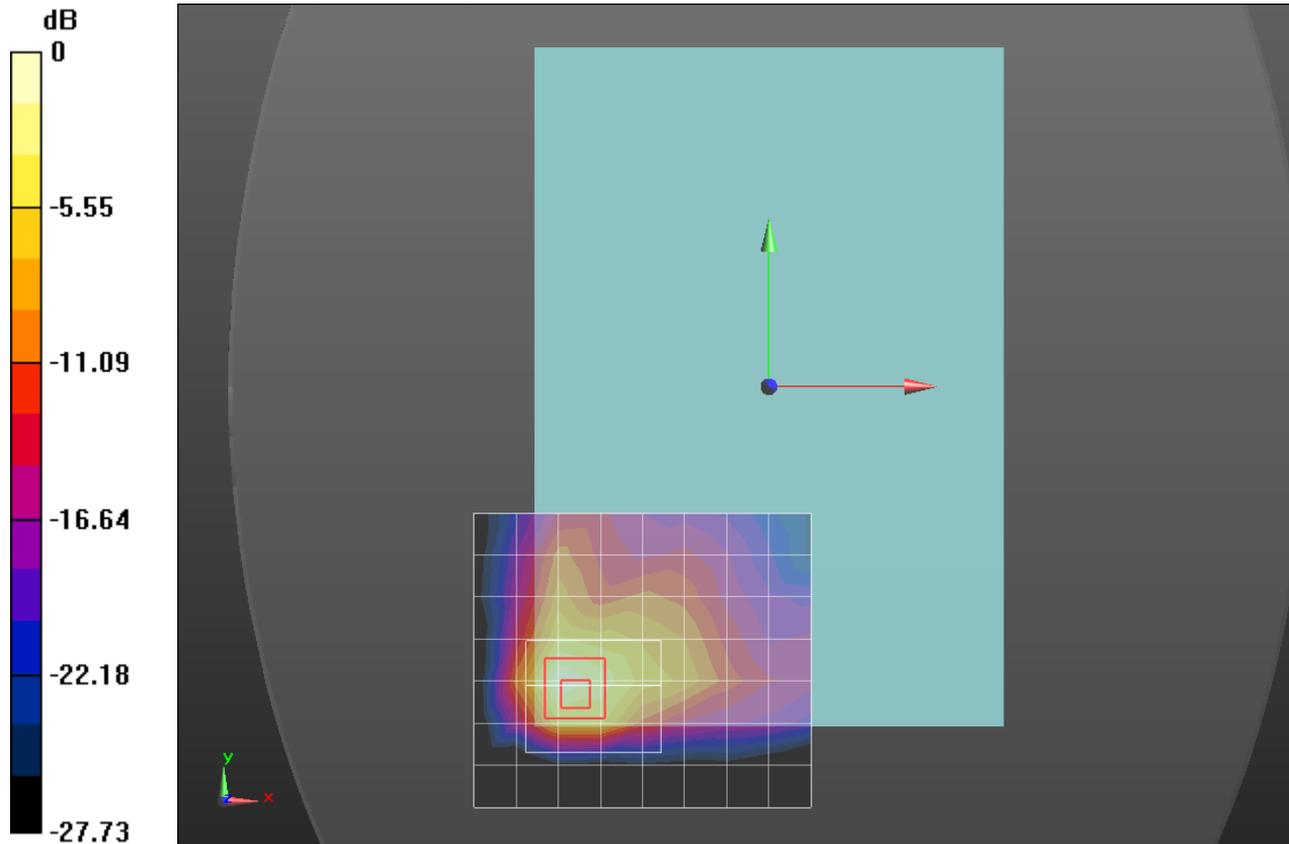Maximum value of SAR (measured) = 1.06 W/kg

Rear/QPSK RB 1/0 ch 18900/Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 26.56 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.386 W/kg
Maximum value of SAR (measured) = 1.03 W/kg

0 dB = 1.03 W/kg = 0.13 dBW/kg

LTE Band4_Redueced_0305

Frequency: 1720 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.406 S/m; ε_r = 51.448; ρ = 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 1/0 ch 20050/Area Scan (9x8x1): Measurement grid: dx=15mm, dy=15mm
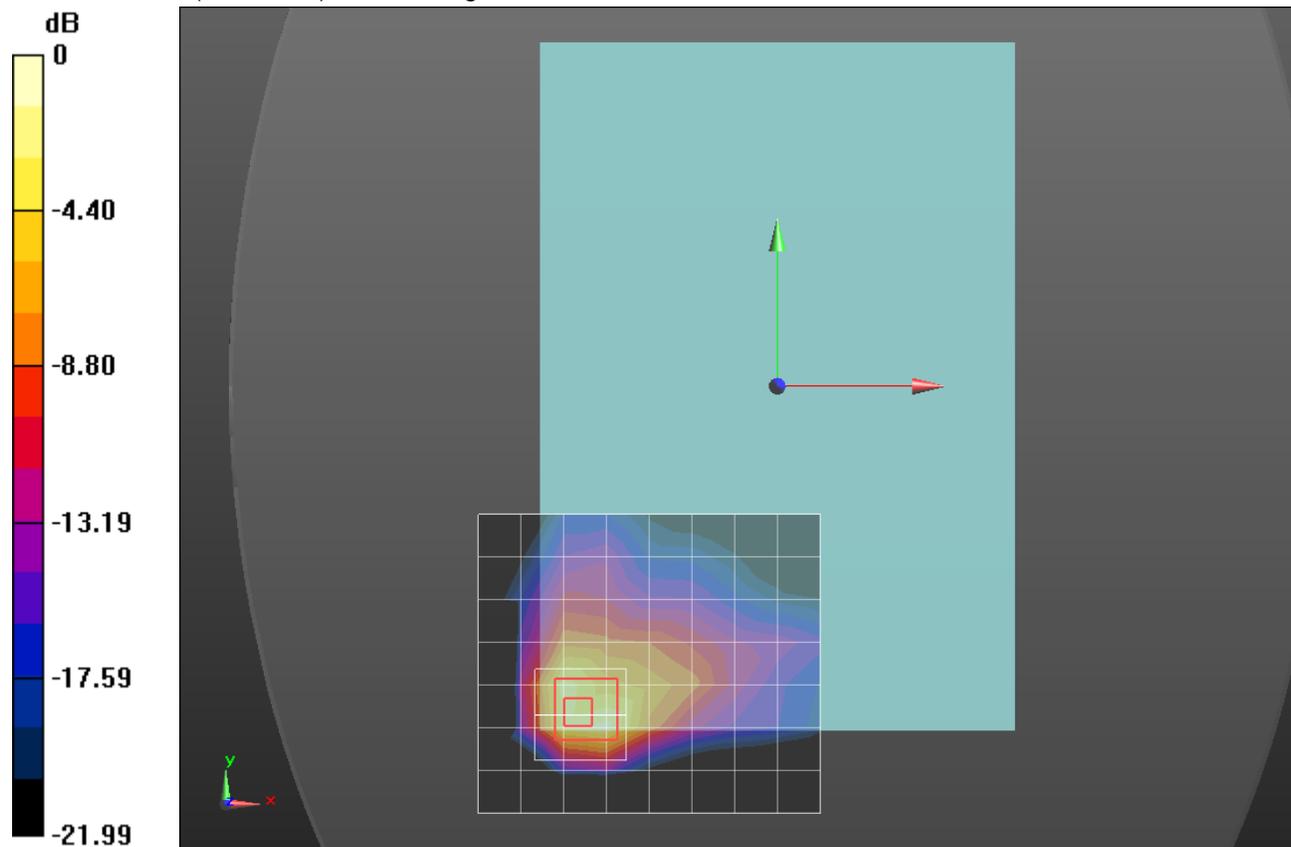
Maximum value of SAR (measured) = 0.932 W/kg

Rear/QPSK RB 1/0 ch 20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm

Reference Value = 26.01 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 0.800 W/kg; SAR(10 g) = 0.375 W/kg
Maximum value of SAR (measured) = 1.11 W/kg

0 dB = 1.11 W/kg = 0.45 dBW/kg

LTE Band5_Reduced

Frequency: 844 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 844 MHz; σ = 1.022 S/m; ε_r = 55.271; 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 0.0012W/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/QPSK RB 1/0 ch 20600/Area Scan (9x8x1): Measurement grid: dx=15mm, dy=15mm
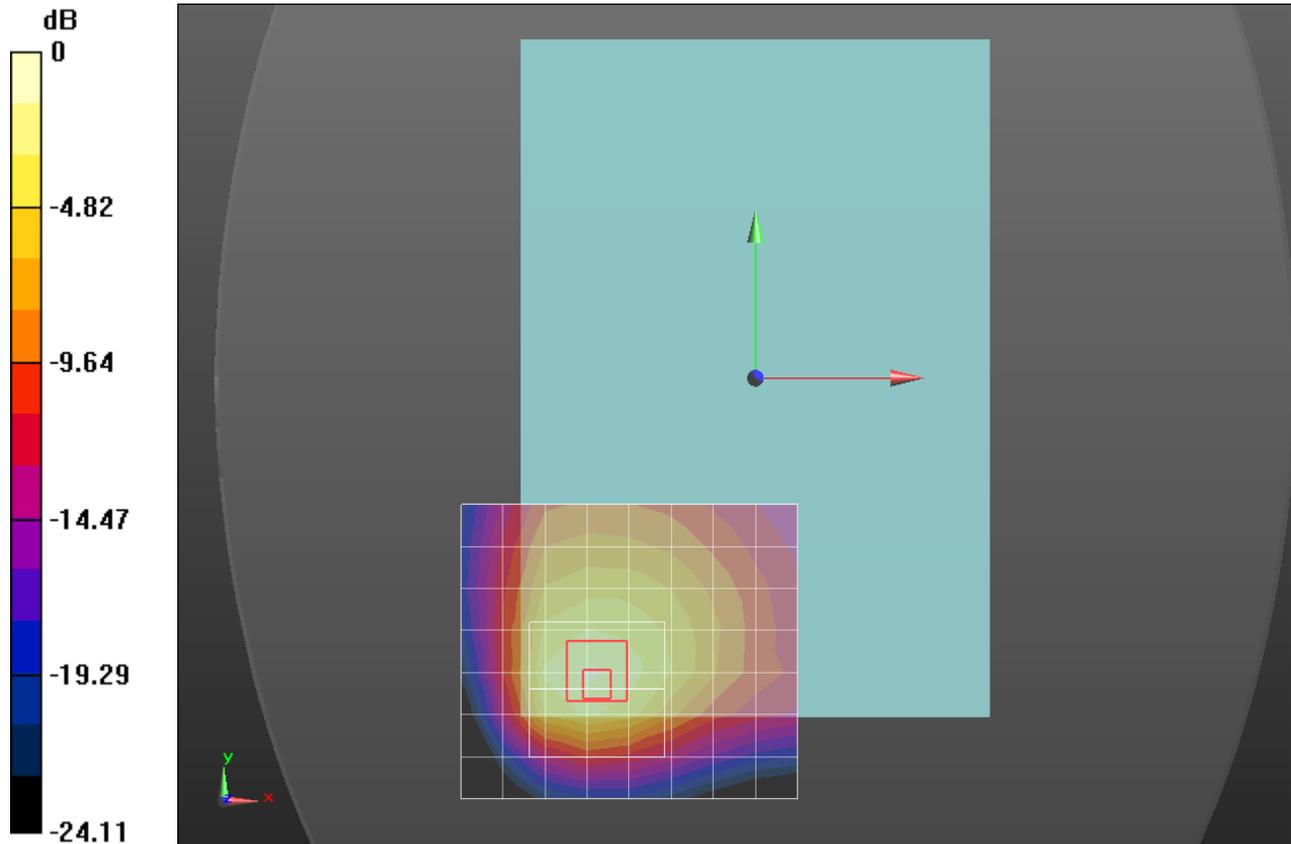Maximum value of SAR (measured) = 0.739 W/kg

Rear/QPSK RB 1/0 ch 20600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 3.842 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.690 W/kg; SAR(10 g) = 0.403 W/kg
Maximum value of SAR (measured) = 0.954 W/kg

0 dB = 0.954 W/kg = -0.20 dBW/kg

LTE Band 17_Reduced

Frequency: 710 MHz; Duty Cycle: 1:1;   Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 710 MHz; σ = 0.929 S/m; ε_r = 55.578; ρ = 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(9.65, 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

Rear/QPSK RB 1/49 ch 23790/Area Scan (9x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.673 W/kg

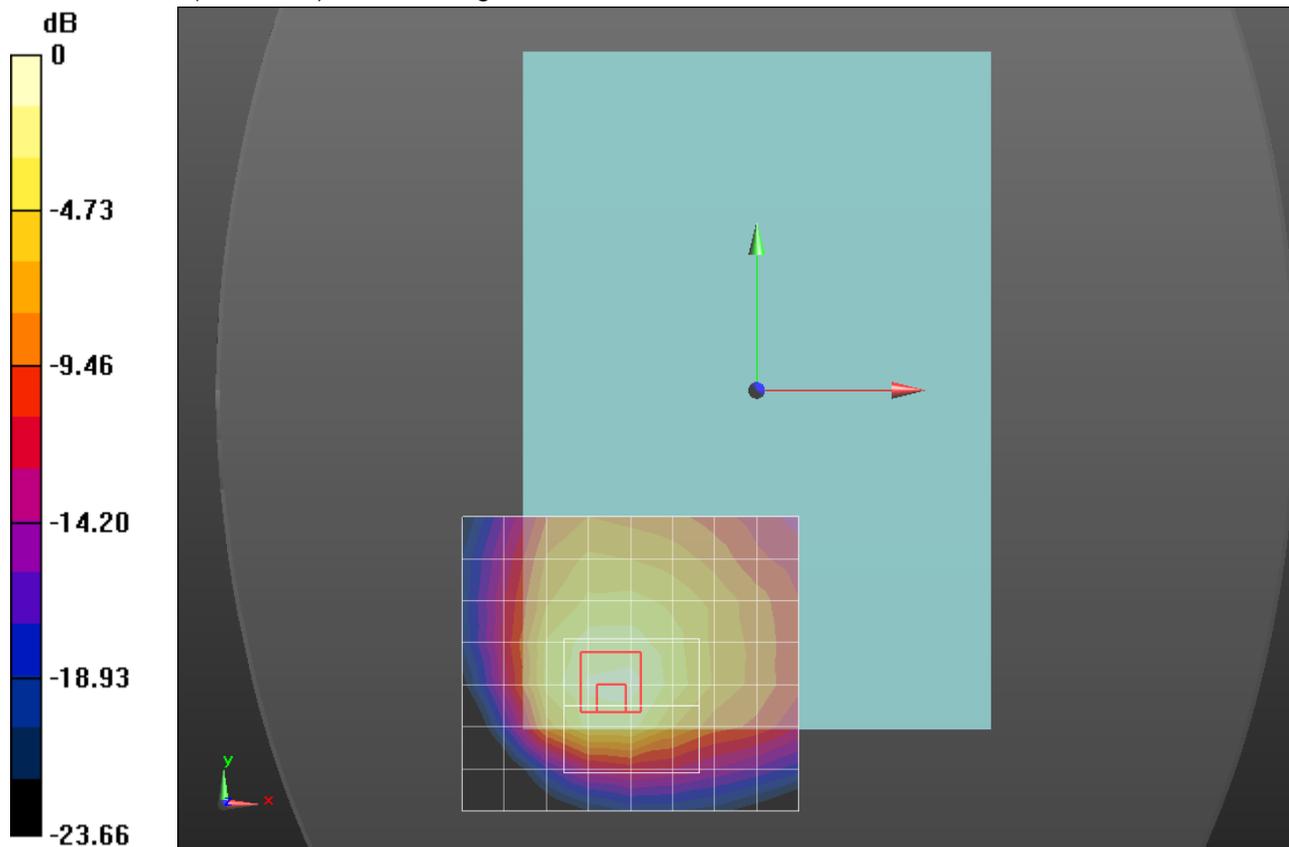## Rear/QPSK RB 1/49 ch 23790/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 4.067 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.625 W/kg; SAR(10 g) = 0.377 W/kg
Maximum value of SAR (measured) = 0.833 W/kg

0 dB = 0.833 W/kg = -0.79 dBW/kg