#01_GSM850_GPRS (2 Tx slots)_Bottom Face_0cm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium: MSL_850_140710 Medium parameters used: f = 849 MHz; σ = 1.01 S/m; ε_r = 55.298; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.08, 6.08, 6.08); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch251/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
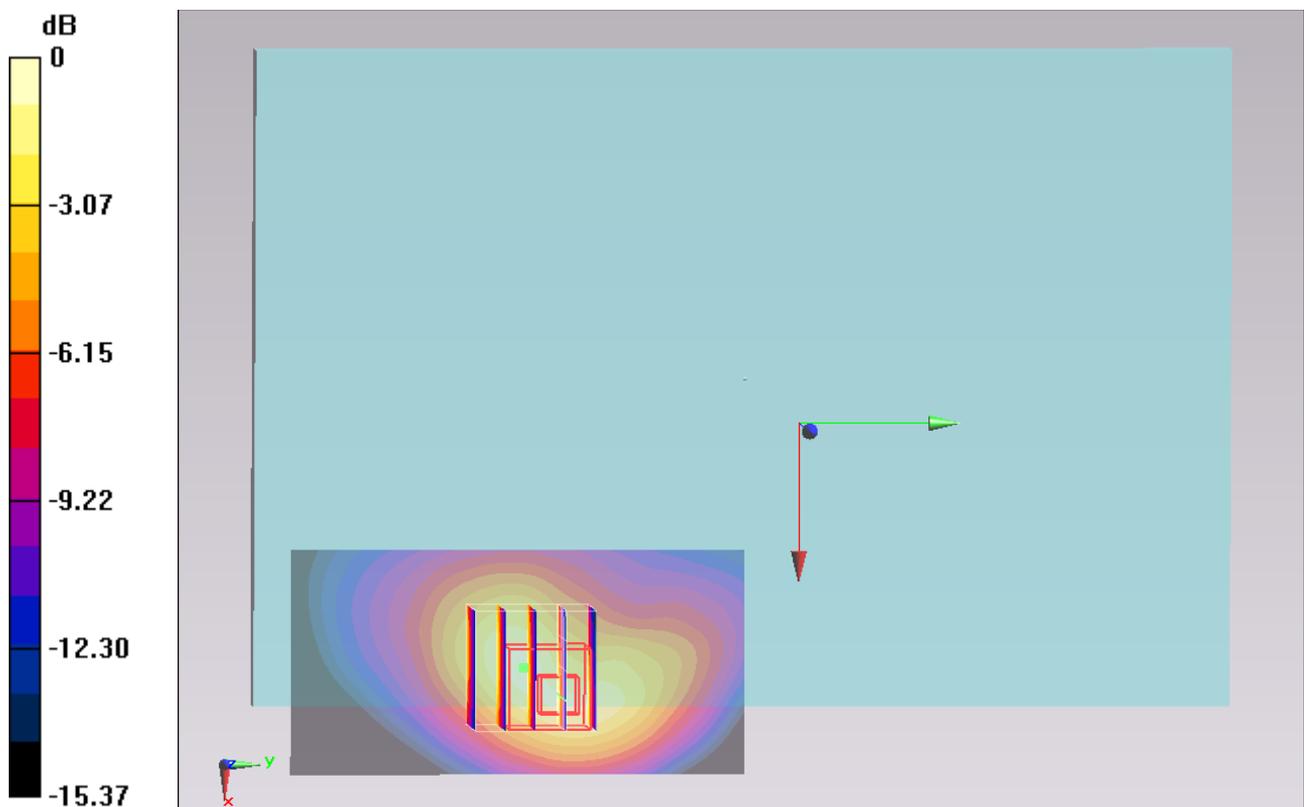Maximum value of SAR (interpolated) = 1.61 W/kg

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 41.846 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 2.59 W/kg
SAR(1 g) = 1.43 W/kg; SAR(10 g) = 0.799 W/kg
Maximum value of SAR (measured) = 1.82 W/kg

0 dB = 1.82 W/kg = 2.60 dBW/kg

#02_GSM1900_GPRS (2 Tx slots)_Bottom Face_0cm_Ch810

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15
Medium: MSL_1900_140708 Medium parameters used: f = 1910 MHz; σ = 1.526 S/m; ε$_r$ = 53.581; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.71, 4.71, 4.71); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch810/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.68 W/kg

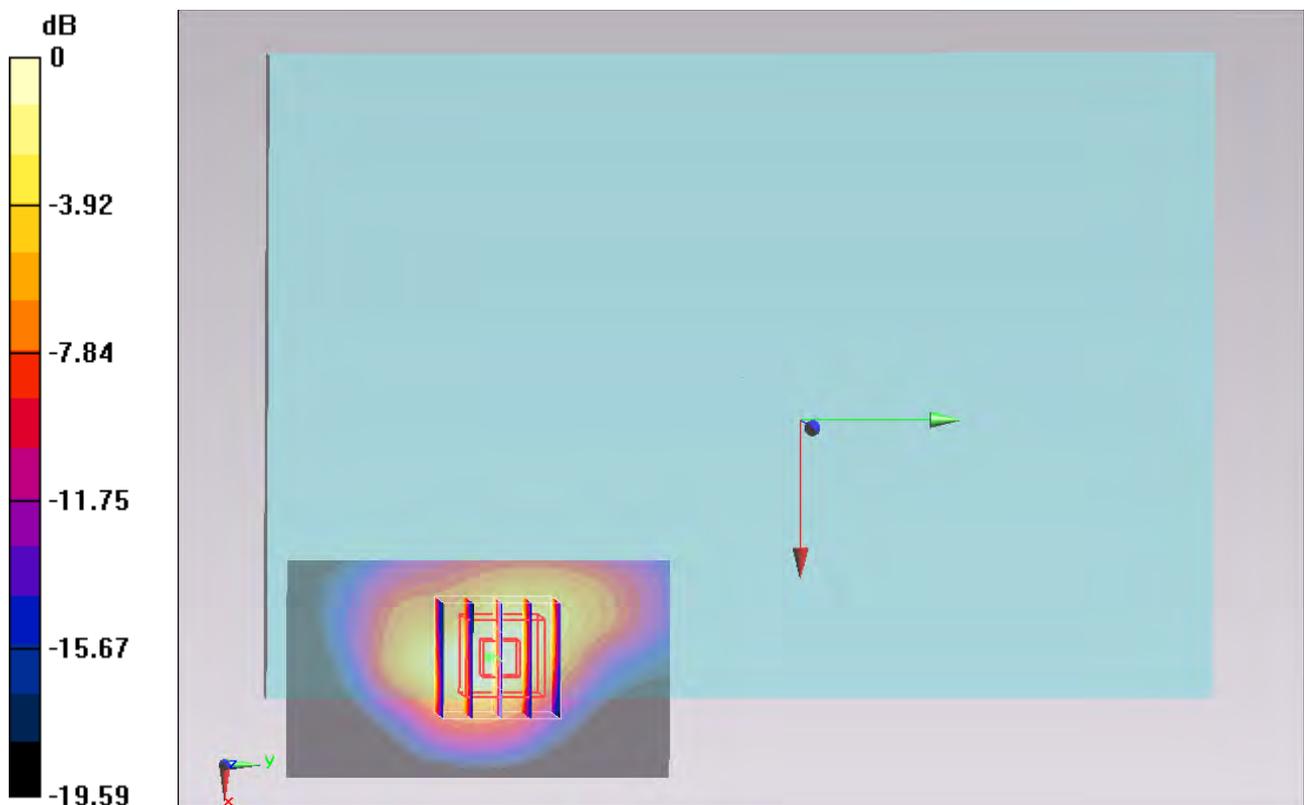**Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.986 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.42 W/kg
SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.620 W/kg
Maximum value of SAR (measured) = 1.54 W/kg

0 dB = 1.54 W/kg = 1.88 dBW/kg

#03_WCDMA V_RMC 12.2Kbps_Bottom Face_0cm_Ch4233

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_140710 Medium parameters used: f = 847 MHz; σ = 1.008 S/m; ε_r = 55.308; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.08, 6.08, 6.08); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch4233/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.35 W/kg

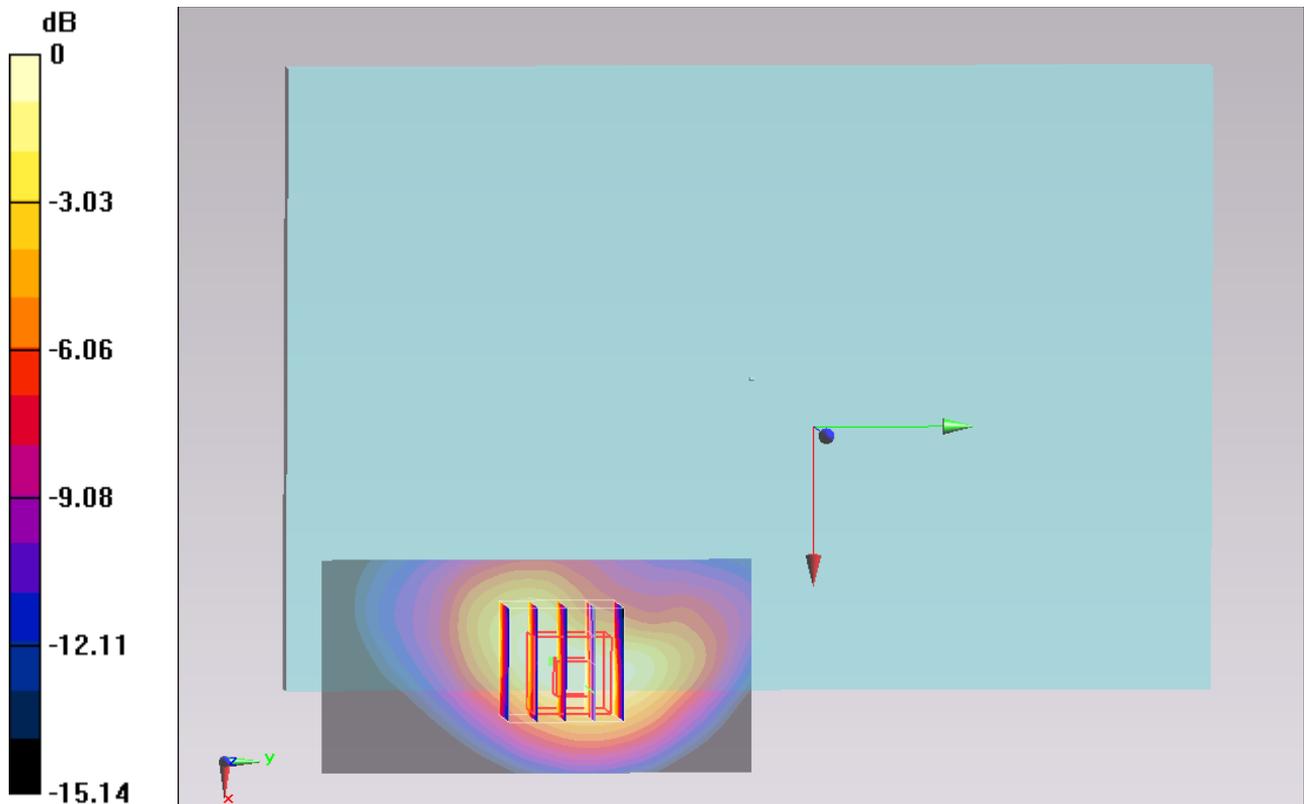**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.857 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.600 W/kg
Maximum value of SAR (measured) = 1.33 W/kg

0 dB = 1.33 W/kg = 1.24 dBW/kg

#04_WCDMA IV_RMC 12.2Kbps_Edge 1_0.7cm_Ch1312

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1750_140711 Medium parameters used: f = 1712.4 MHz; σ = 1.489 S/m; ε_r = 52.463; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(8.3, 8.3, 8.3); Calibrated: 2014/5/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch1312/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.24 W/kg

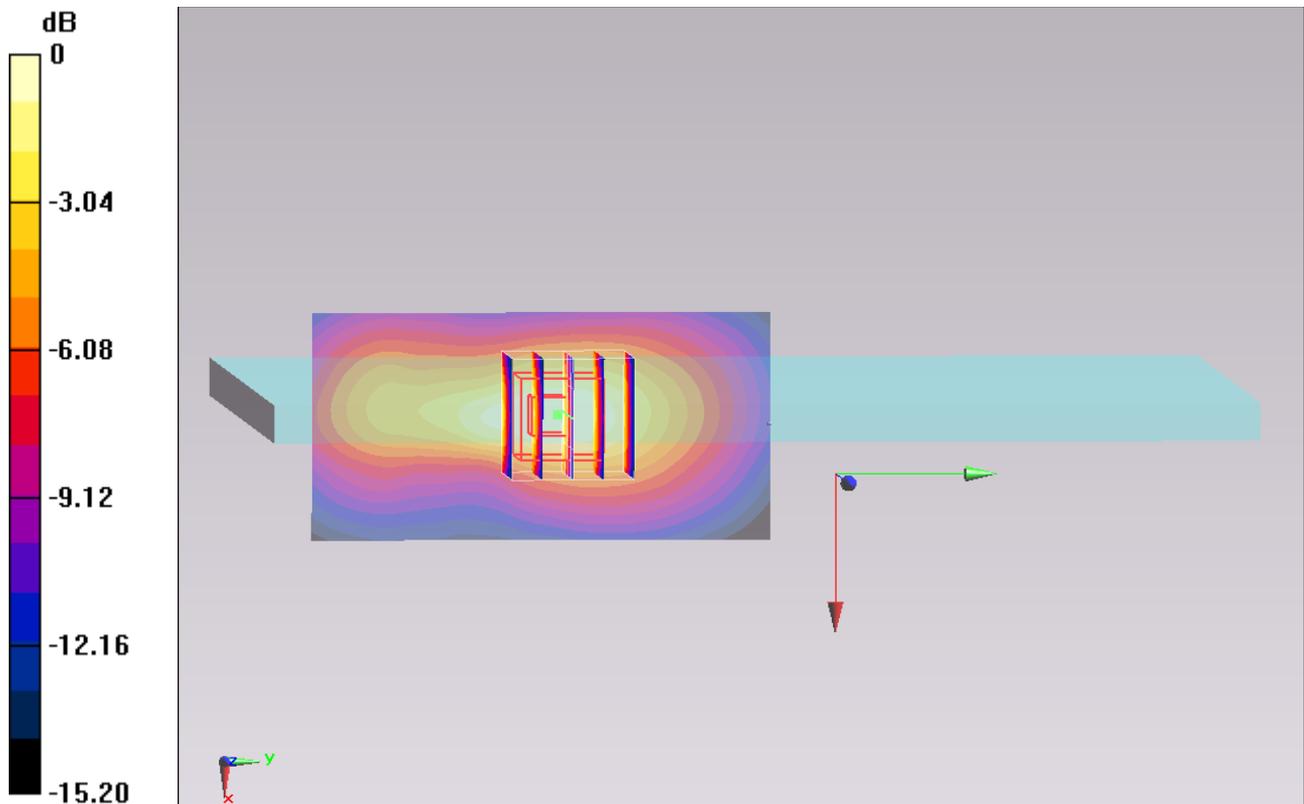**Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.373 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.527 W/kg
Maximum value of SAR (measured) = 1.09 W/kg

0 dB = 1.09 W/kg = 0.37 dBW/kg

#05_WCDMA II_RMC 12.2Kbps_Edge 1_0.7cm_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_140708 Medium parameters used: f = 1908 MHz; σ = 1.523 S/m; $ε_r$ = 53.589; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.71, 4.71, 4.71); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch9538/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.51 W/kg

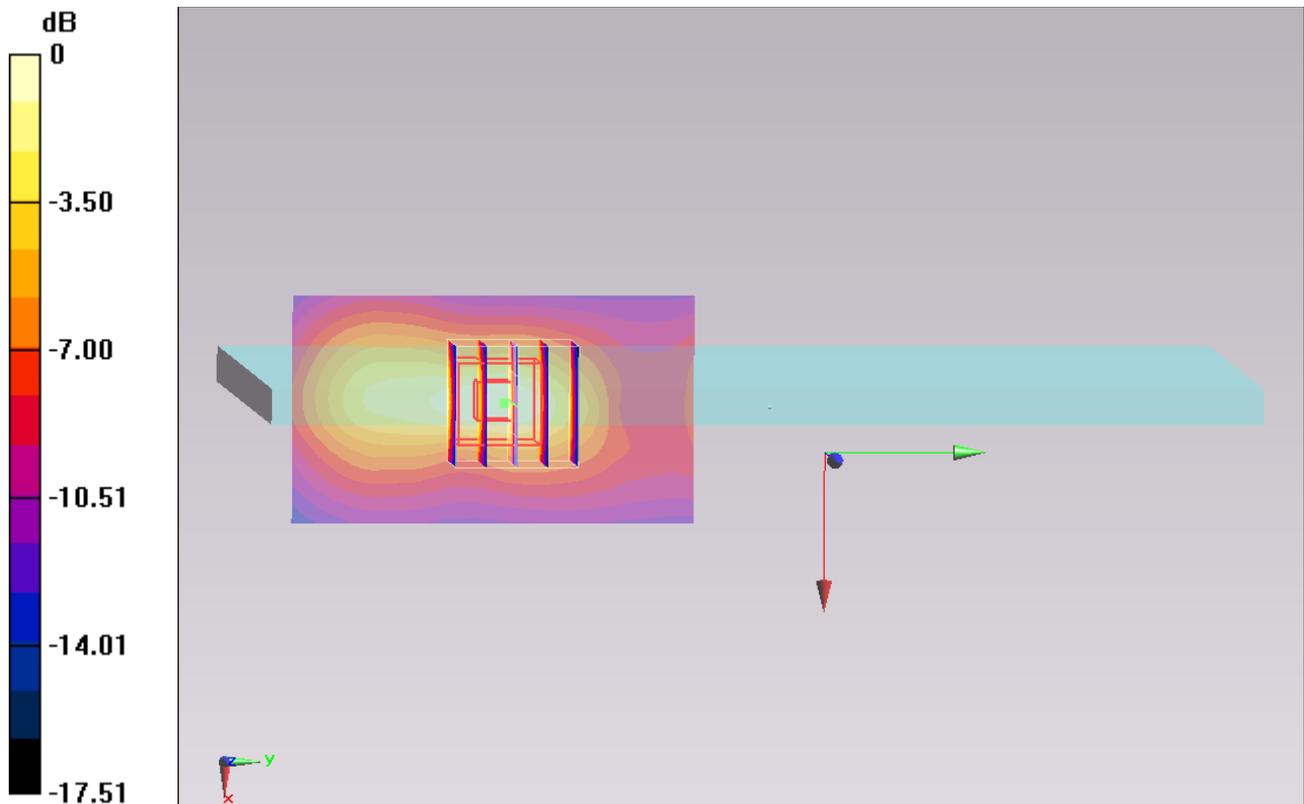**Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.741 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.638 W/kg
Maximum value of SAR (measured) = 1.50 W/kg

0 dB = 1.50 W/kg = 1.76 dBW/kg

#06_CDMA BC10_RTAP 153.6Kbps_Bottom Face_0cm_Ch580

Communication System: CDMA ; Frequency: 820.5 MHz;Duty Cycle: 1:1

Medium: MSL_850_140710 Medium parameters used: f = 820.5 MHz; σ = 0.983 S/m; ε_r = 55.505; ρ = 1000 kg/m^3

Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.08, 6.08, 6.08); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch580/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
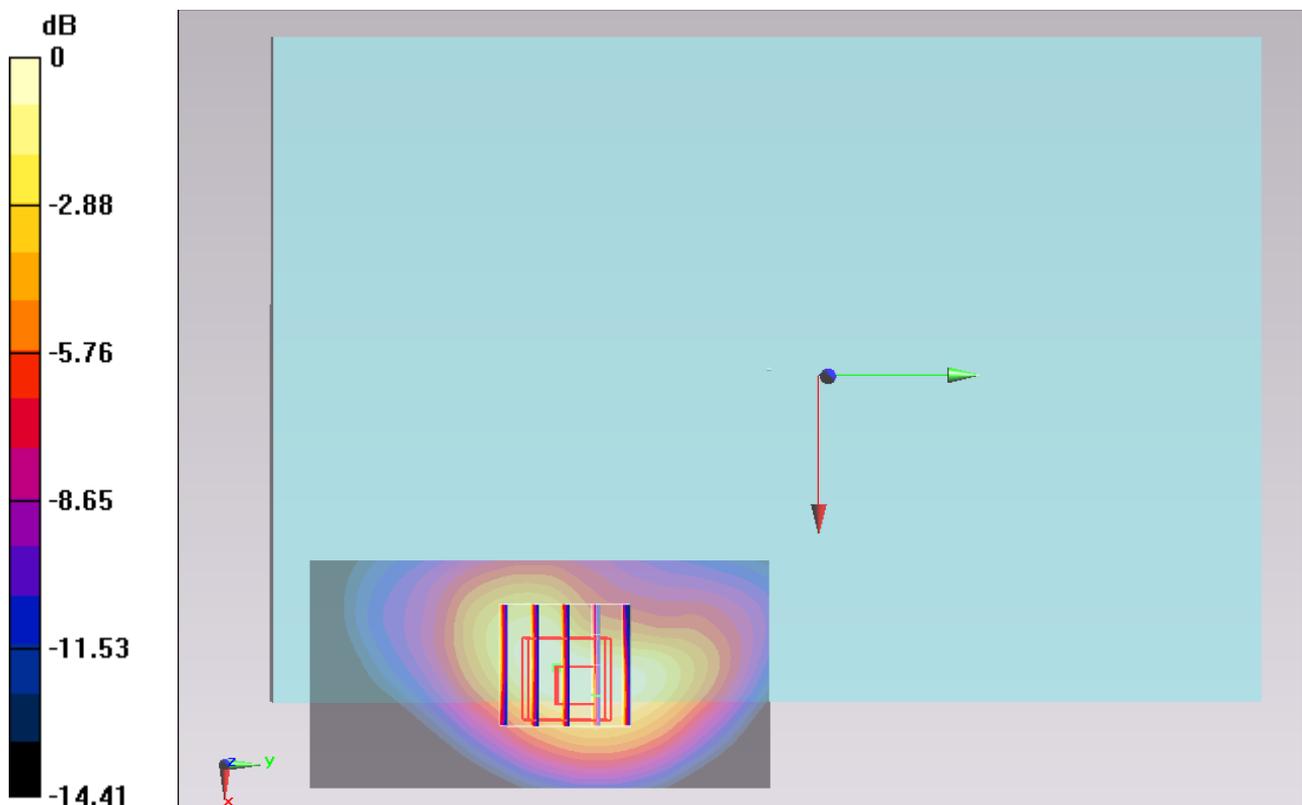Maximum value of SAR (interpolated) = 1.04 W/kg

Configuration/Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.928 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.461 W/kg
Maximum value of SAR (measured) = 1.01 W/kg

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

#07_CDMA BC0_RTAP 153.6Kbps_Bottom Face_0cm_Ch1013

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_850_140710 Medium parameters used: f = 825 MHz; σ = 0.986 S/m; ε_r = 55.444; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.08, 6.08, 6.08); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch1013/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
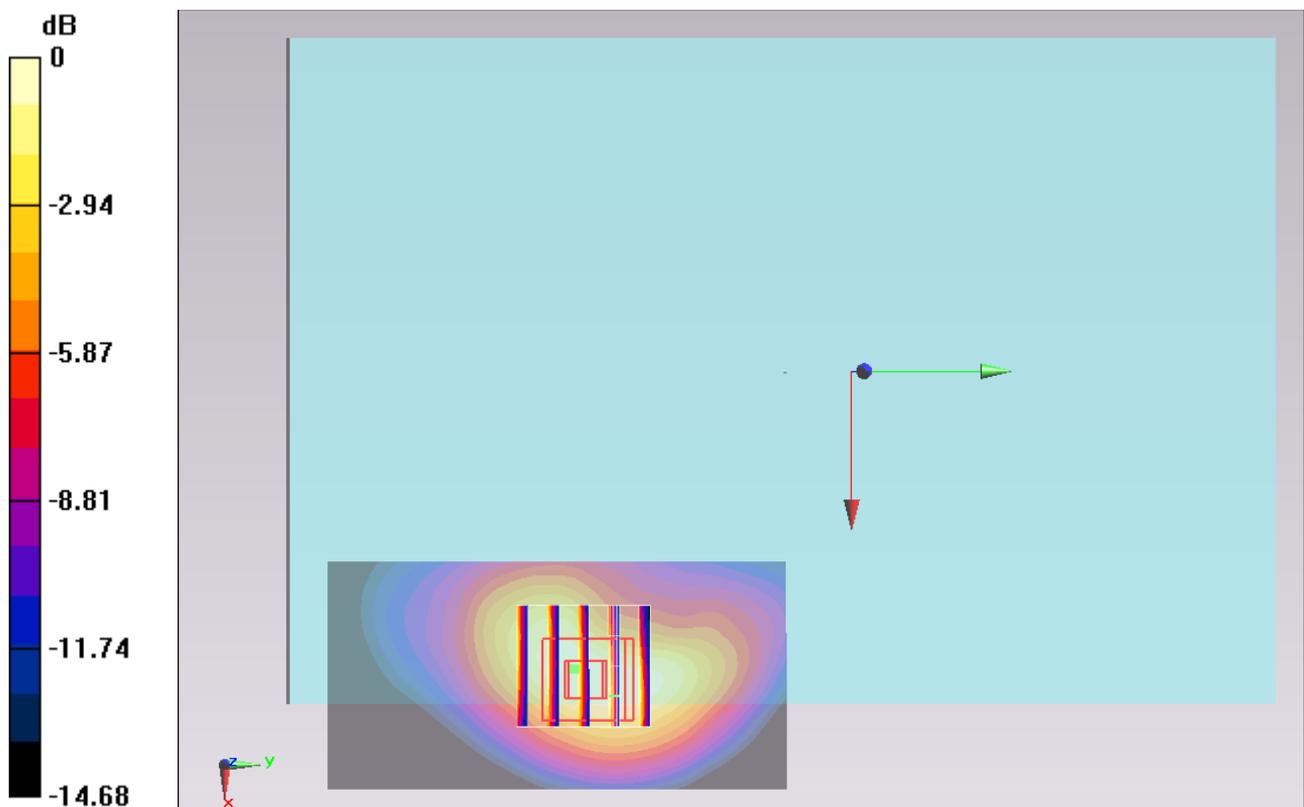Maximum value of SAR (interpolated) = 1.05 W/kg

Configuration/Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.864 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.844 W/kg; SAR(10 g) = 0.474 W/kg
Maximum value of SAR (measured) = 1.04 W/kg

0 dB = 1.04 W/kg = 0.17 dBW/kg

#08_CDMA BC1_RTAP 153.6Kbps_Bottom Face_0cm_Ch1175

Communication System: CDMA; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_140708 Medium parameters used: f = 1909 MHz; σ = 1.525 S/m; ε_r = 53.583; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3954; ConvF(7.95, 7.95, 7.95); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch1175/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
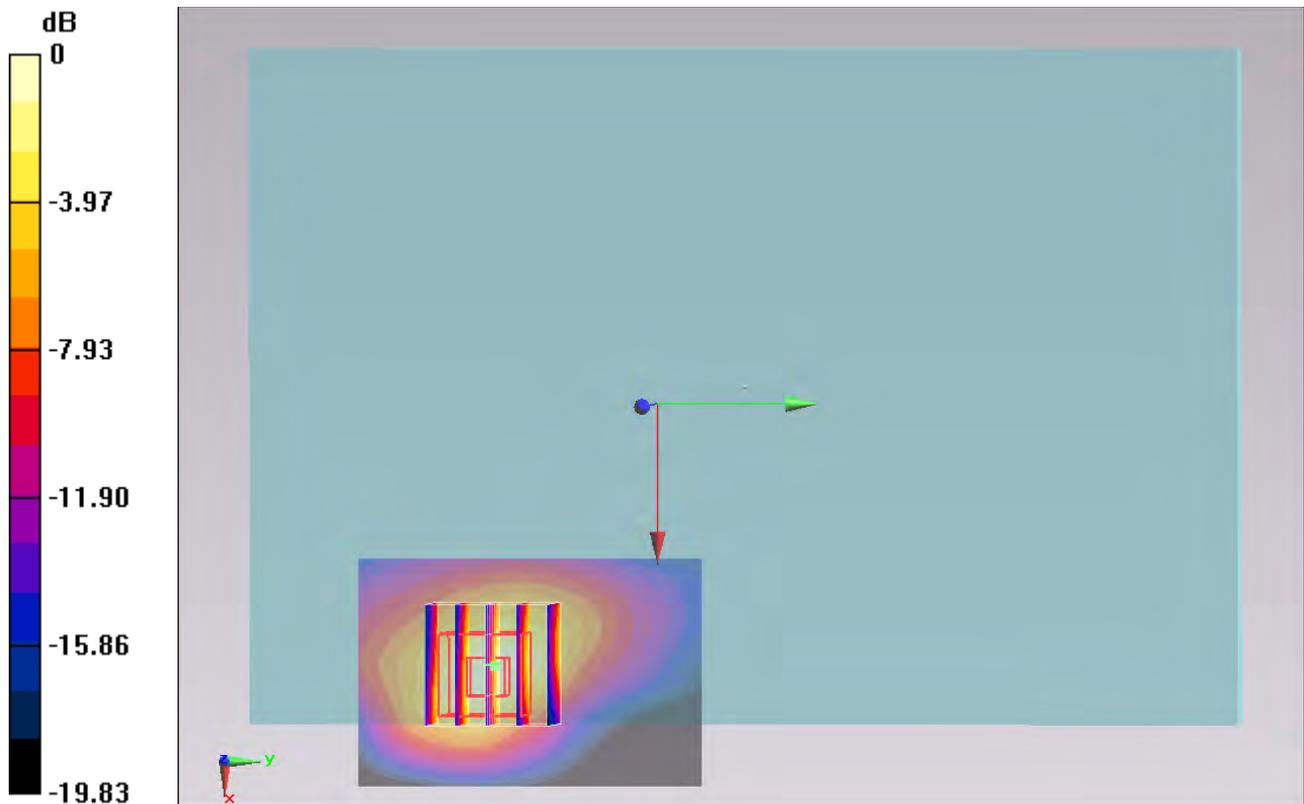Maximum value of SAR (interpolated) = 1.40 W/kg

Configuration/Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.254 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.533 W/kg
Maximum value of SAR (measured) = 1.52 W/kg

0 dB = 1.52 W/kg = 1.82 dBW/kg

#09_LTE Band 17_10M_QPSK_50RB_0Offset_Bottom Face_0cm_Ch23790

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_140711 Medium parameters used: f = 710 MHz; σ = 0.936 S/m; ε_r = 54.893; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(9.92, 9.92, 9.92); Calibrated: 2014/5/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch23790/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
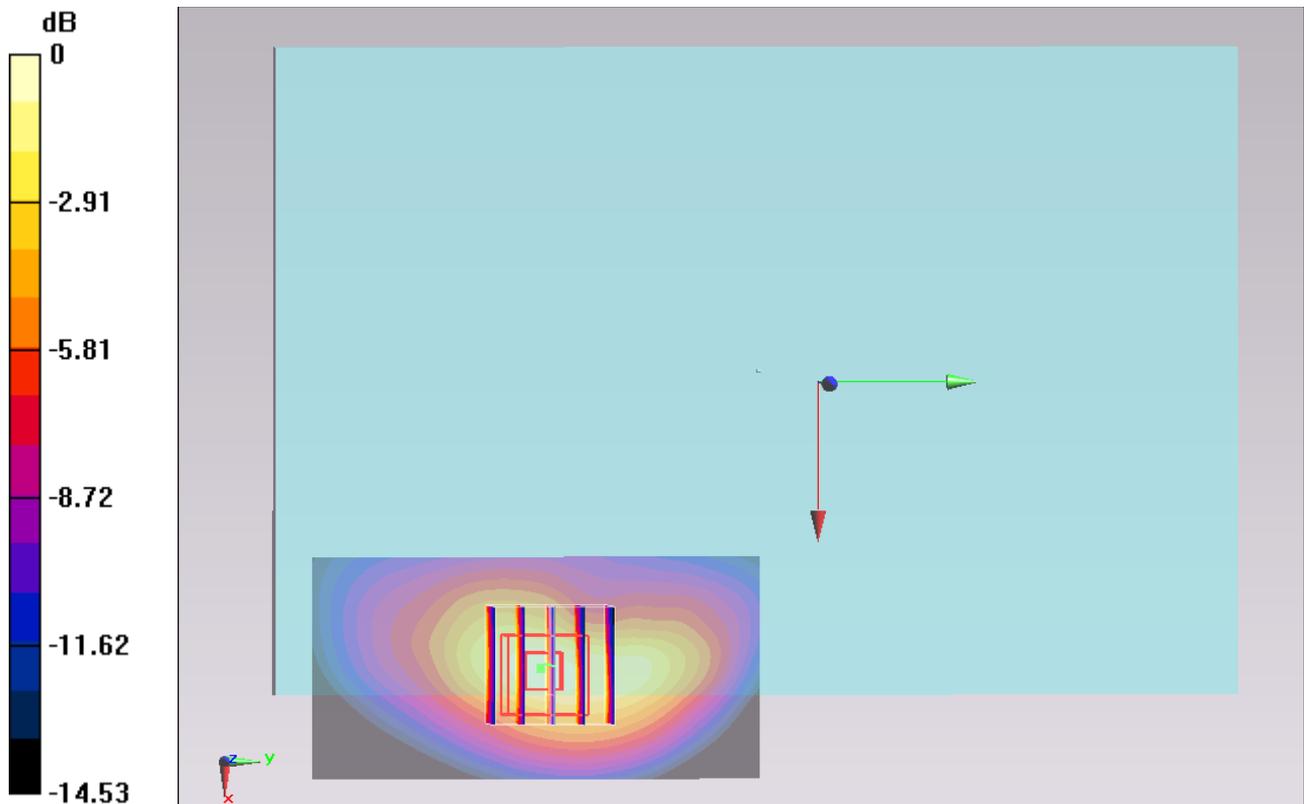Maximum value of SAR (interpolated) = 1.57 W/kg

Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 41.765 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.18 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.630 W/kg
Maximum value of SAR (measured) = 1.63 W/kg

0 dB = 1.63 W/kg = 2.12 dBW/kg

#10_LTE Band 13_10M_QPSK_1RB_24Offset_Bottom Face_0cm_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_140711 Medium parameters used: f = 782 MHz; σ = 0.993 S/m; ε_r = 53.334; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(9.92, 9.92, 9.92); Calibrated: 2014/5/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch23230/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
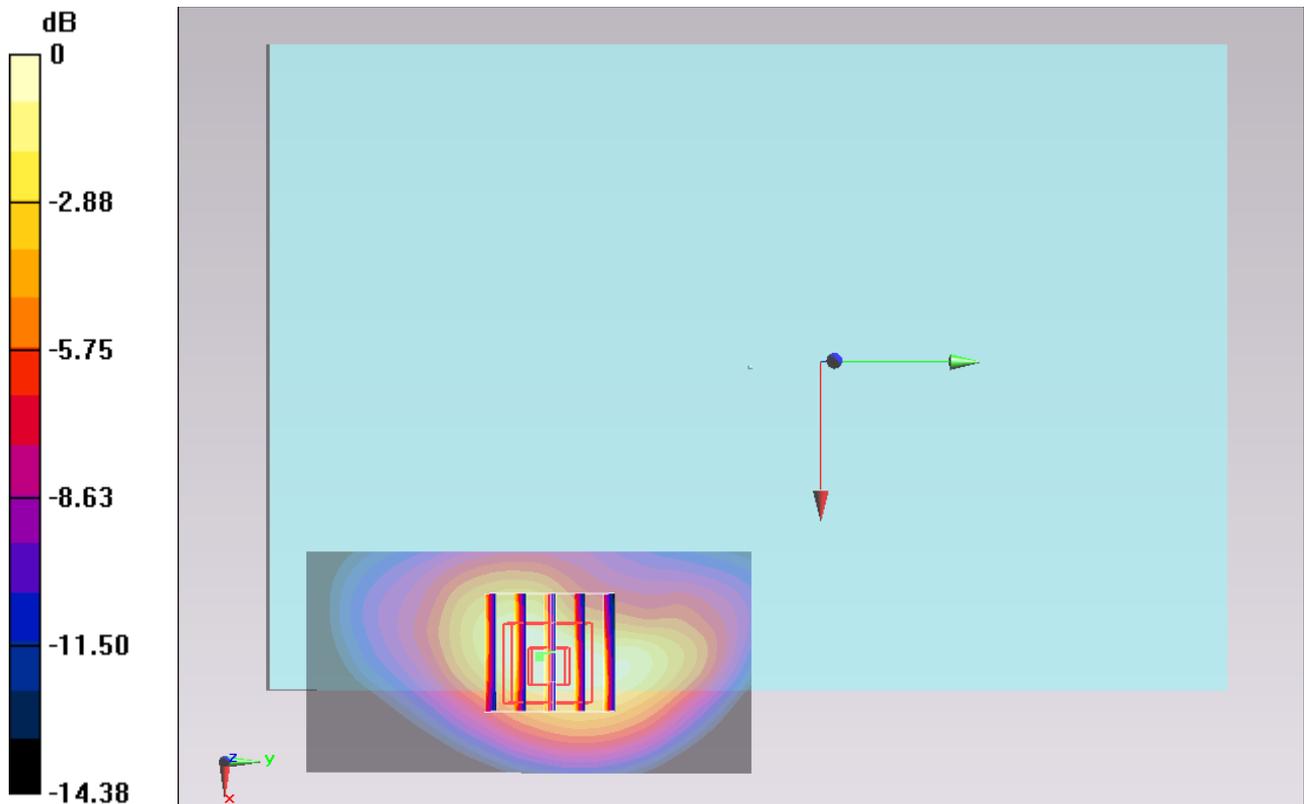Maximum value of SAR (interpolated) = 1.31 W/kg

Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.527 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.510 W/kg
Maximum value of SAR (measured) = 1.22 W/kg

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

#11_LTE Band 5_10M_QPSK_1RB_0Offset_Bottom Face_0cm_Ch20600

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: MSL_850_140710 Medium parameters used: f = 844 MHz; σ = 1.005 S/m; ε_r = 55.324; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.08, 6.08, 6.08); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch20600/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
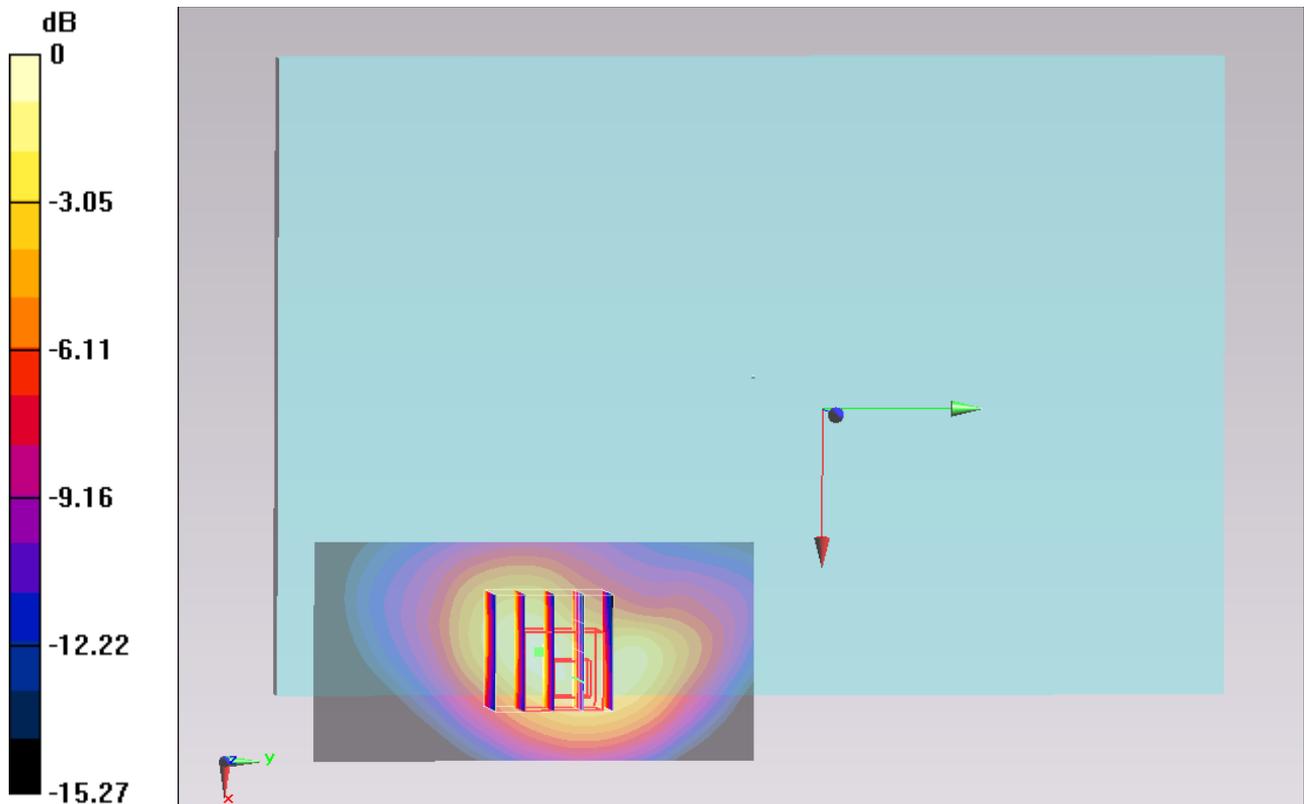Maximum value of SAR (interpolated) = 1.52 W/kg

Configuration/Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 39.663 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.32 W/kg
SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.722 W/kg
Maximum value of SAR (measured) = 1.68 W/kg

0 dB = 1.68 W/kg = 2.25 dBW/kg

#12_LTE Band 4_20M_QPSK_1RB_49Offset_Bottom Face_0cm_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_140709 Medium parameters used : f = 1732.5 MHz; σ = 1.489 S/m; $ε_r$ = 52.468;
ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.91, 4.91, 4.91); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch20175/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

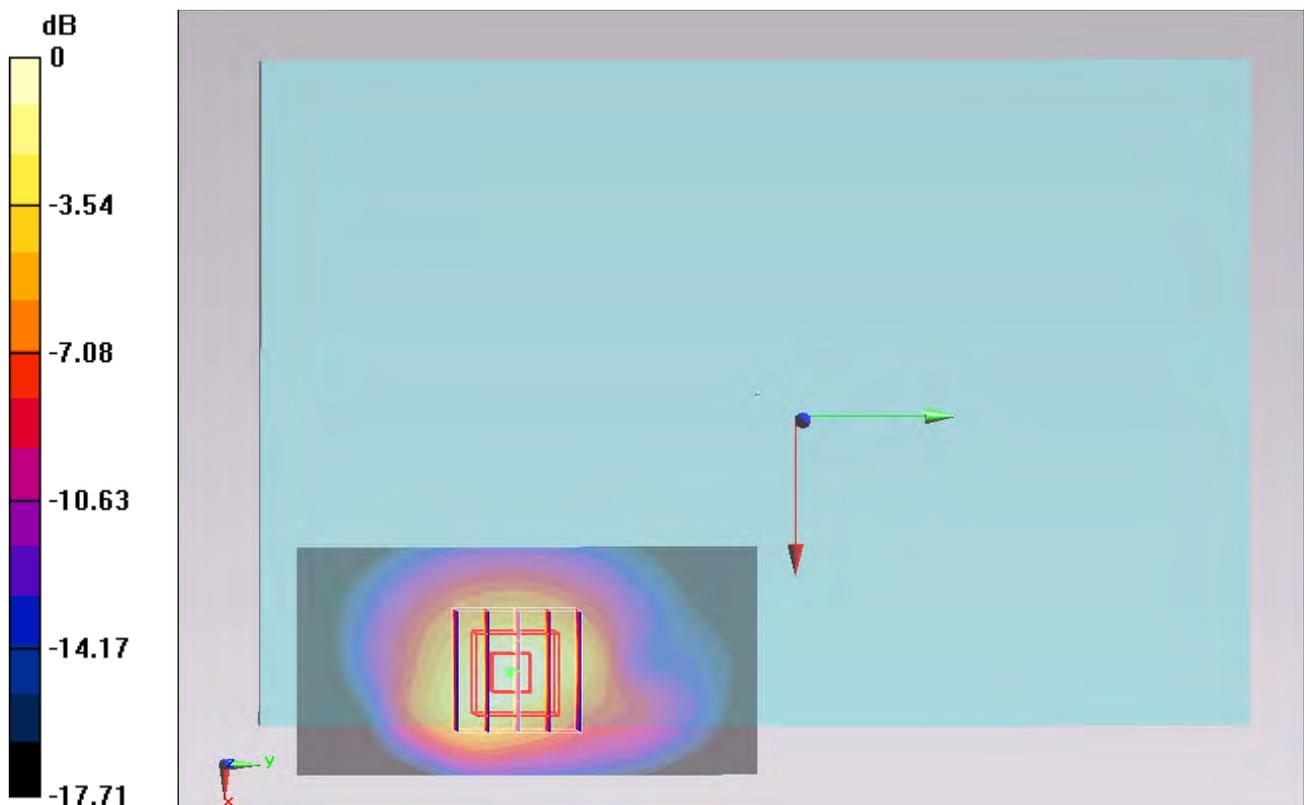**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.426 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.903 W/kg; SAR(10 g) = 0.472 W/kg
Maximum value of SAR (measured) = 1.17 W/kg

0 dB = 1.17 W/kg = 0.68 dBW/kg

#13_LTE Band 2_20M_QPSK_50RB_0Offset_Edge 1_0cm_Ch18900

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131008 Medium parameters used: f = 1880 MHz; σ = 1.517 S/m; ε_r = 52.077; ρ =

1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.29, 4.29, 4.29); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch18900/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
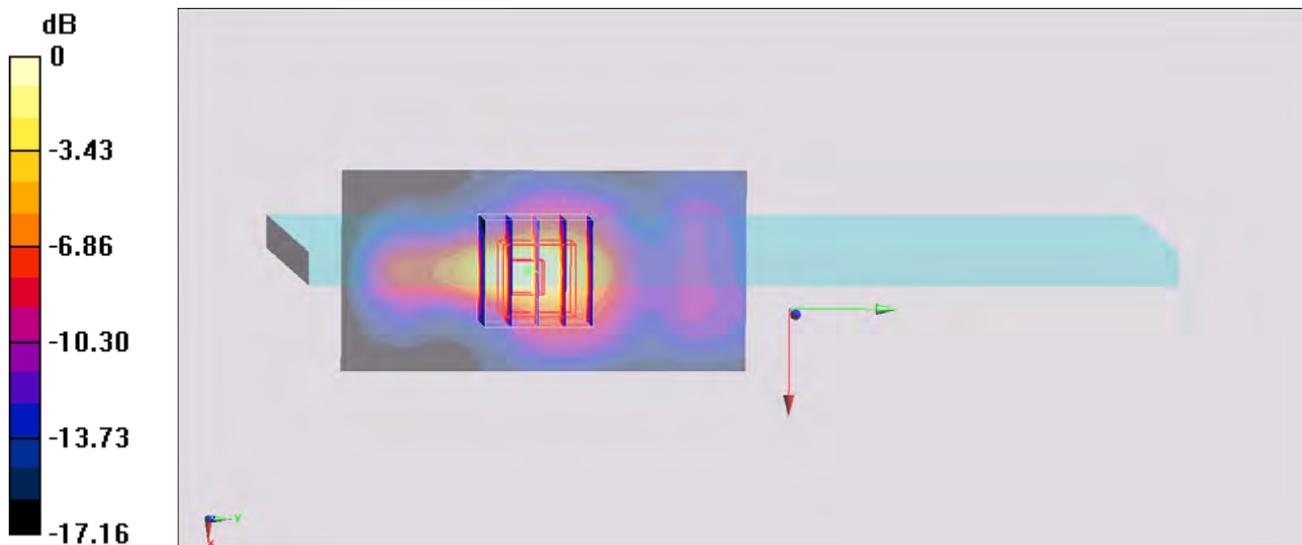Maximum value of SAR (interpolated) = 1.68 W/kg

Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.244 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.57 W/kg
SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.619 W/kg
Maximum value of SAR (measured) = 1.55 W/kg

0 dB = 1.55 W/kg = 1.90 dBW/kg

#14_LTE Band 25_20M_QPSK_1RB_0Offset_Bottom Face_0cm_Ch26140

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_140708 Medium parameters used: f = 1860 MHz; σ = 1.484 S/m; ε_r = 53.832; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.71, 4.71, 4.71); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch26140/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
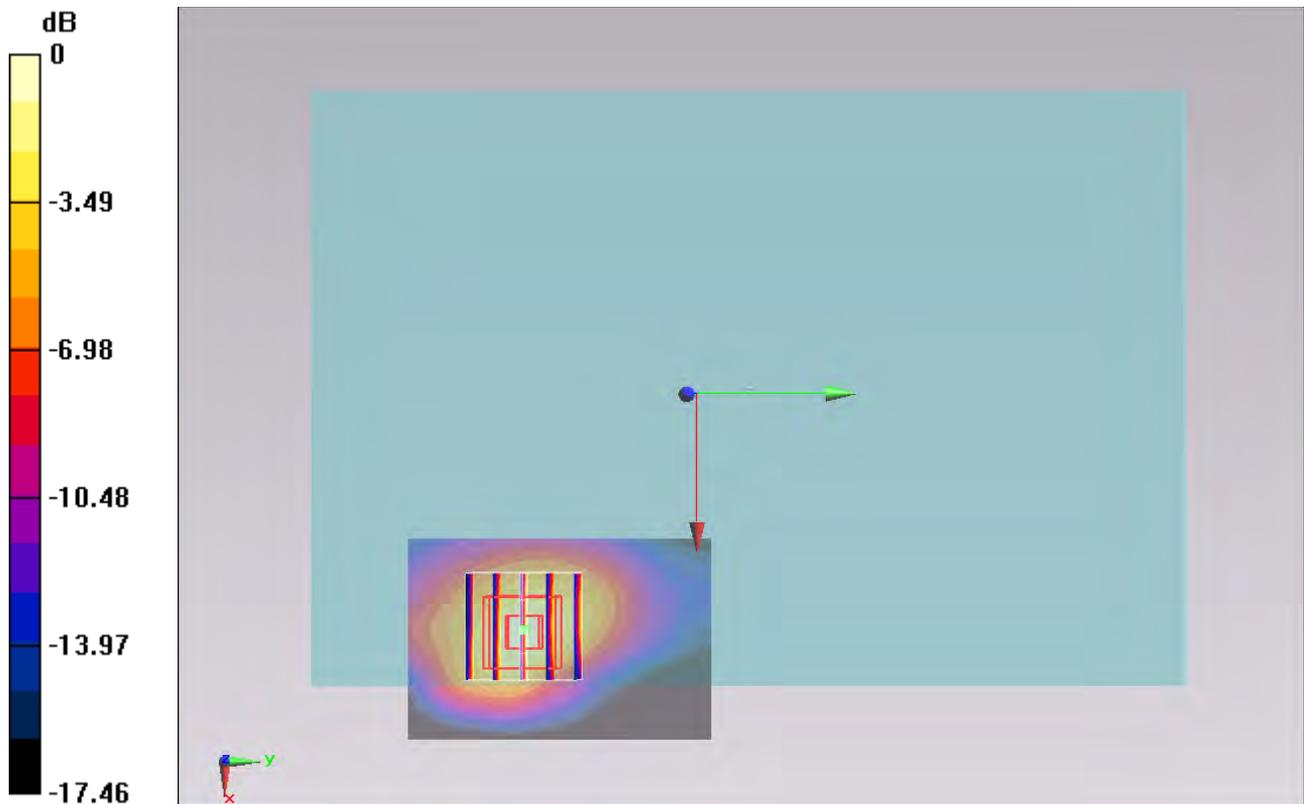Maximum value of SAR (interpolated) = 1.33 W/kg

Configuration/Ch26140/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.929 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.25 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.553 W/kg
Maximum value of SAR (measured) = 1.48 W/kg

0 dB = 1.48 W/kg = 1.70 dBW/kg