#01_GSM850_GPRS (4 Tx slots)_Front_1cm_Ch251

DUT: 292704

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_121130 Medium parameters used: f = 849 MHz; σ = 0.982 mho/m; ε_r = 54.483; ρ =

1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
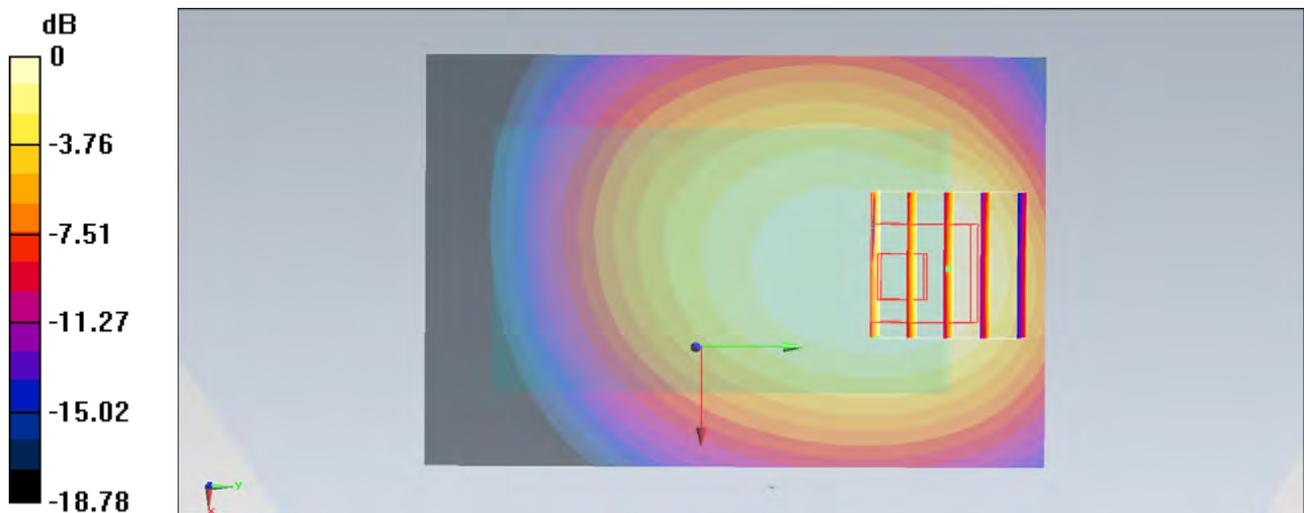Maximum value of SAR (interpolated) = 0.519 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 22.887 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.702 mW/g
SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.236 mW/g
Maximum value of SAR (measured) = 0.457 mW/g

0 dB = 0.457 mW/g = -6.80 dB mW/g

#02_GSM850_GPRS (4 Tx slots)_Back_1cm_Ch251

DUT: 292704

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_121130 Medium parameters used: f = 849 MHz; σ = 0.982 mho/m; ε_r = 54.483; ρ =

1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.394 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 21.043 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.469 mW/g
SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.214 mW/g
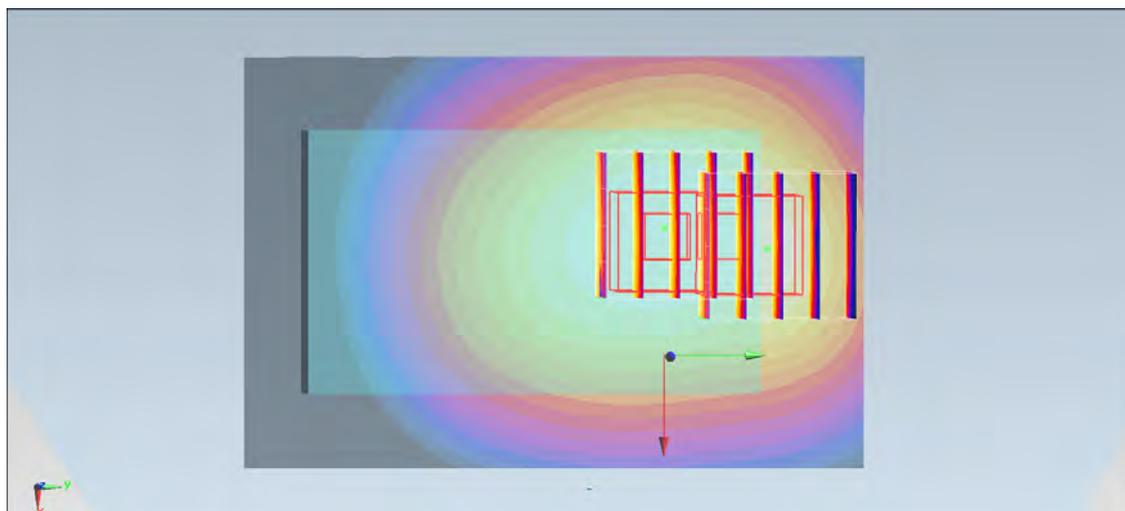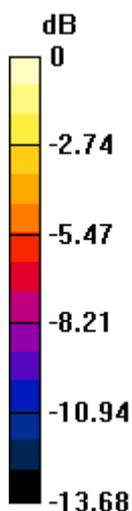Maximum value of SAR (measured) = 0.386 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 21.043 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.455 mW/g
SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.368 mW/g

0 dB = 0.368 mW/g = -8.68 dB mW/g

#03_GSM850_GPRS (4 Tx slots)_Right Side_1cm_Ch251

DUT: 292704

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_121130 Medium parameters used: f = 849 MHz; σ = 0.982 mho/m; ε_r = 54.483; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm
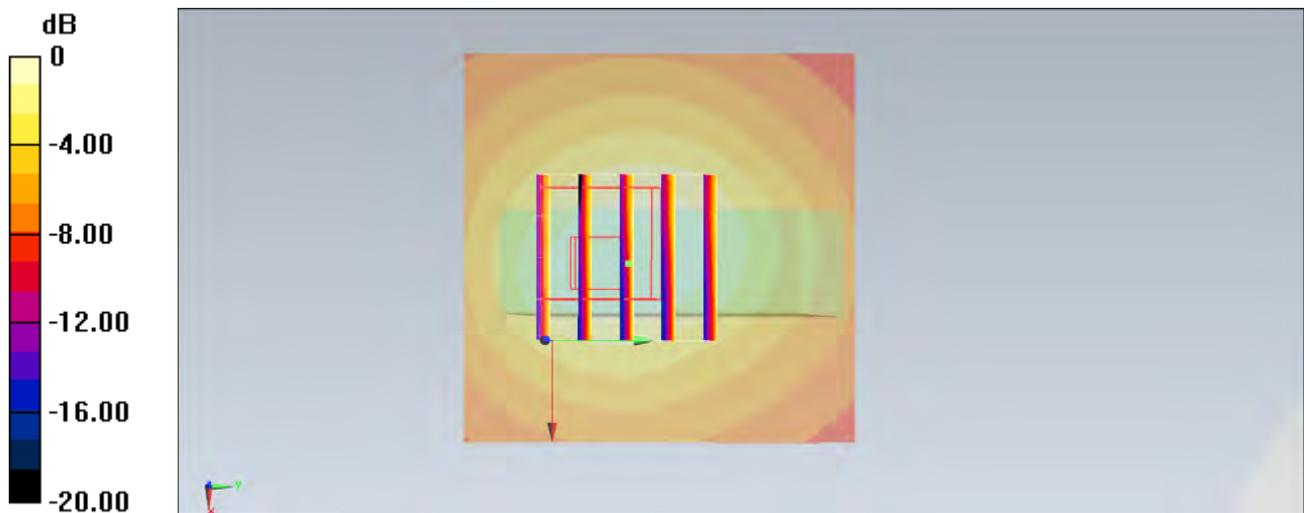Maximum value of SAR (interpolated) = 0.224 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.152 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 0.437 mW/g
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.198 mW/g

0 dB = 0.198 mW/g = -14.07 dB mW/g

#04_GSM850_GPRS (4 Tx slots)_Top Side_1cm_Ch251

DUT: 292704

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_121130 Medium parameters used: f = 849 MHz; σ = 0.982 mho/m; ε_r = 54.483; ρ =

1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
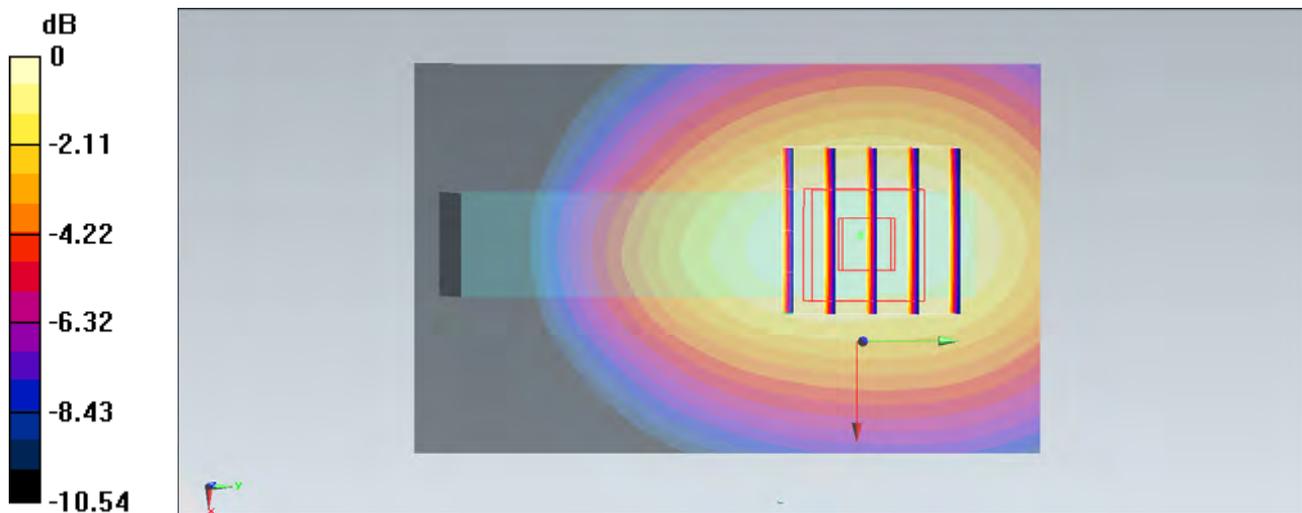Maximum value of SAR (interpolated) = 0.253 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 16.821 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.297 mW/g
SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.130 mW/g
Maximum value of SAR (measured) = 0.239 mW/g

0 dB = 0.239 mW/g = -12.43 dB mW/g

#05_GSM850_GPRS (4 Tx slots)_Bottom Side_1cm_Ch251

DUT: 292704

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_121130 Medium parameters used: f = 849 MHz; σ = 0.982 mho/m; ε_r = 54.483; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
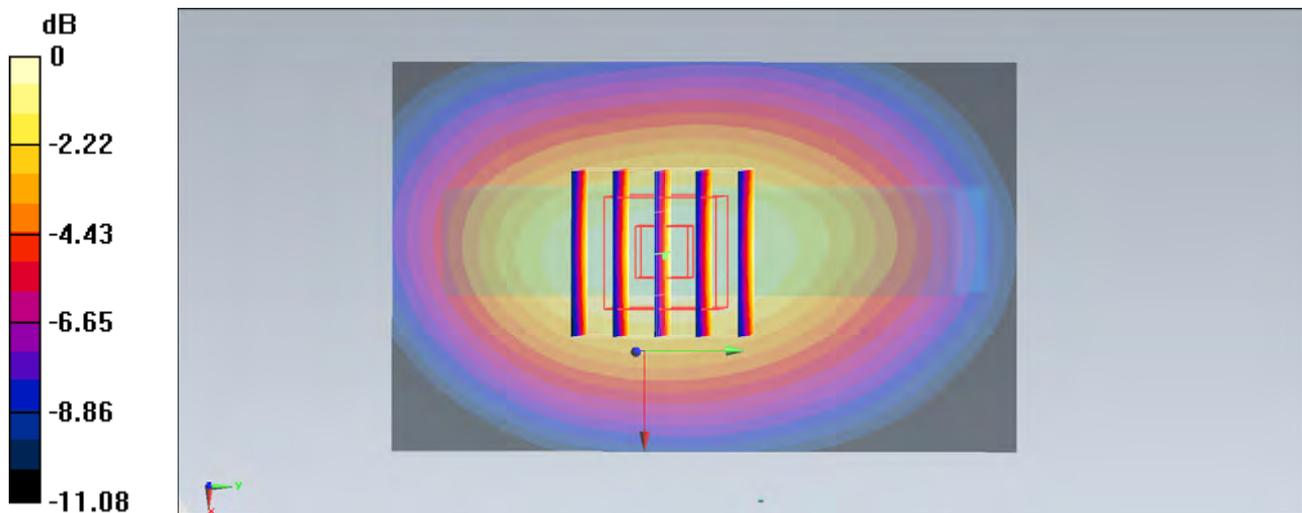Maximum value of SAR (interpolated) = 0.279 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.841 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.346 mW/g
SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.143 mW/g
Maximum value of SAR (measured) = 0.278 mW/g

0 dB = 0.278 mW/g = -11.12 dB mW/g

#06_GSM1900_GPRS (2 Tx slots)_Front_1cm_Ch810

DUT: 292704

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_121130 Medium parameters used: f = 1910 MHz; σ = 1.526 mho/m; ε$_r$ = 54.102; ρ

= 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch810/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
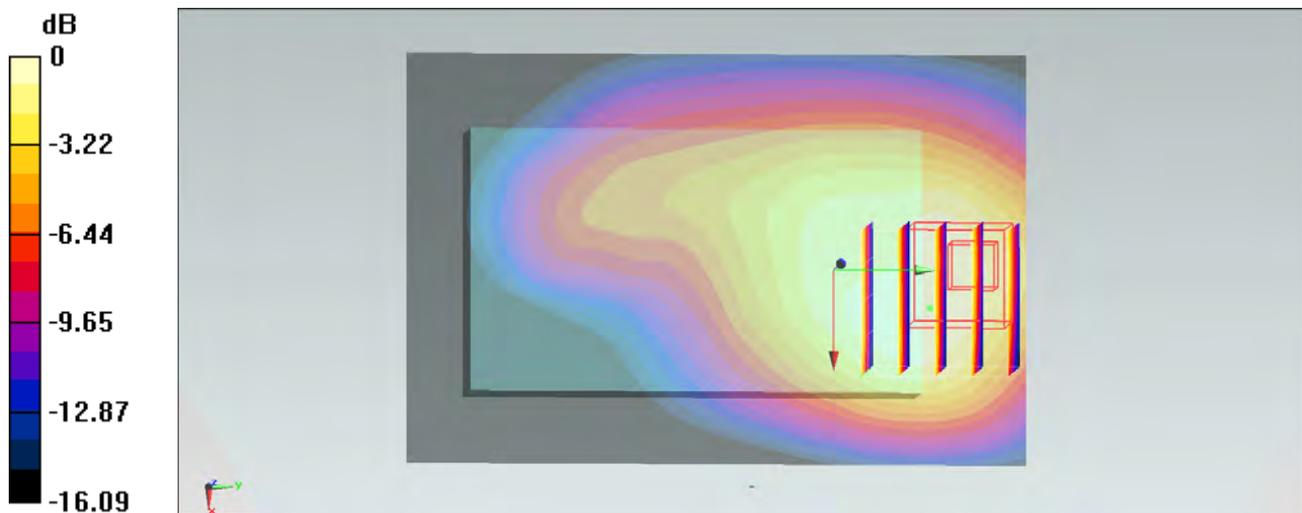Maximum value of SAR (interpolated) = 0.991 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.860 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.182 mW/g
SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.402 mW/g
Maximum value of SAR (measured) = 0.946 mW/g

0 dB = 0.946 mW/g = -0.48 dB mW/g

#07_GSM1900_GPRS (2 Tx slots)_Back_1cm_Ch810

DUT: 292704

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_121130 Medium parameters used: f = 1910 MHz; σ = 1.526 mho/m; ε_r = 54.102; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch810/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
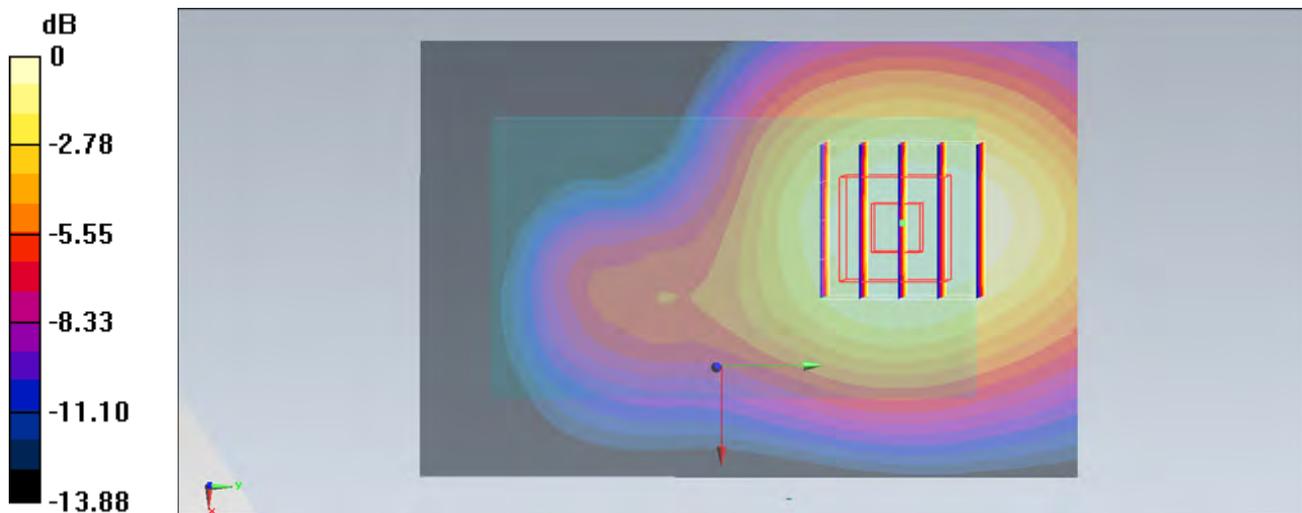Maximum value of SAR (interpolated) = 0.678 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.899 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.828 mW/g
SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.331 mW/g
Maximum value of SAR (measured) = 0.671 mW/g

0 dB = 0.671 mW/g = -3.47 dB mW/g

#08_GSM1900_GPRS (2 Tx slots)_Right Side_1cm_Ch810

DUT: 292704

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_121130 Medium parameters used: f = 1910 MHz; σ = 1.526 mho/m; $ε_r$ = 54.102; ρ

= 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch810/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
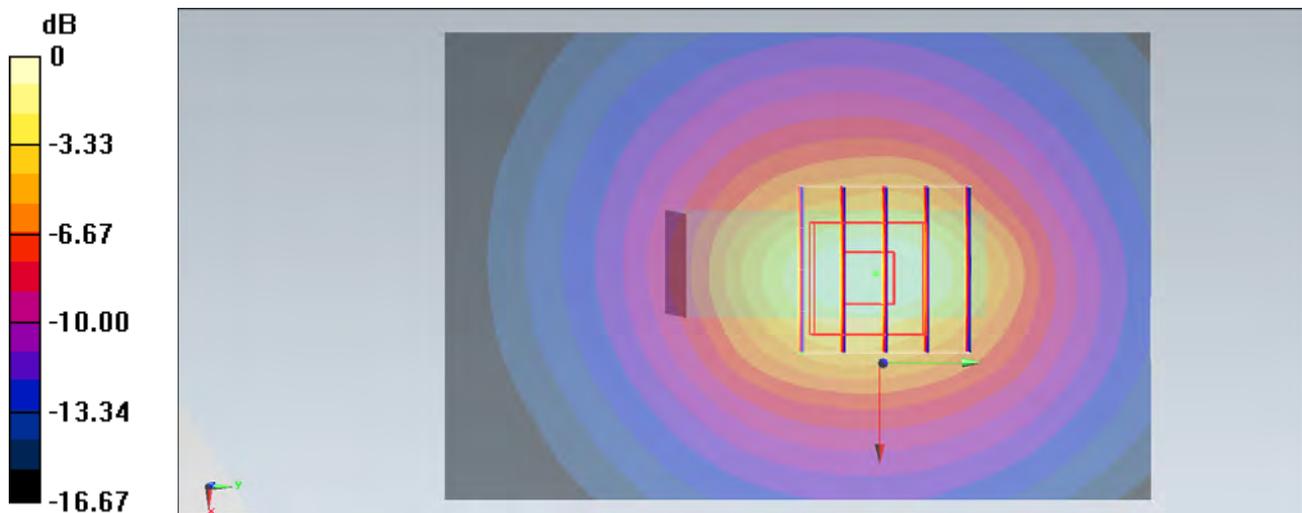Maximum value of SAR (interpolated) = 1.17 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.726 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.438 mW/g
SAR(1 g) = 0.837 mW/g; SAR(10 g) = 0.464 mW/g
Maximum value of SAR (measured) = 1.12 mW/g

0 dB = 1.12 mW/g = 0.98 dB mW/g

#60_GSM1900_GPRS (2 Tx slots)_Right Side_1cm_Ch810_Repeat

DUT: 292704

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_121130 Medium parameters used: f = 1910 MHz; σ = 1.526 mho/m; ε_r = 54.102; ρ

= 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch810/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
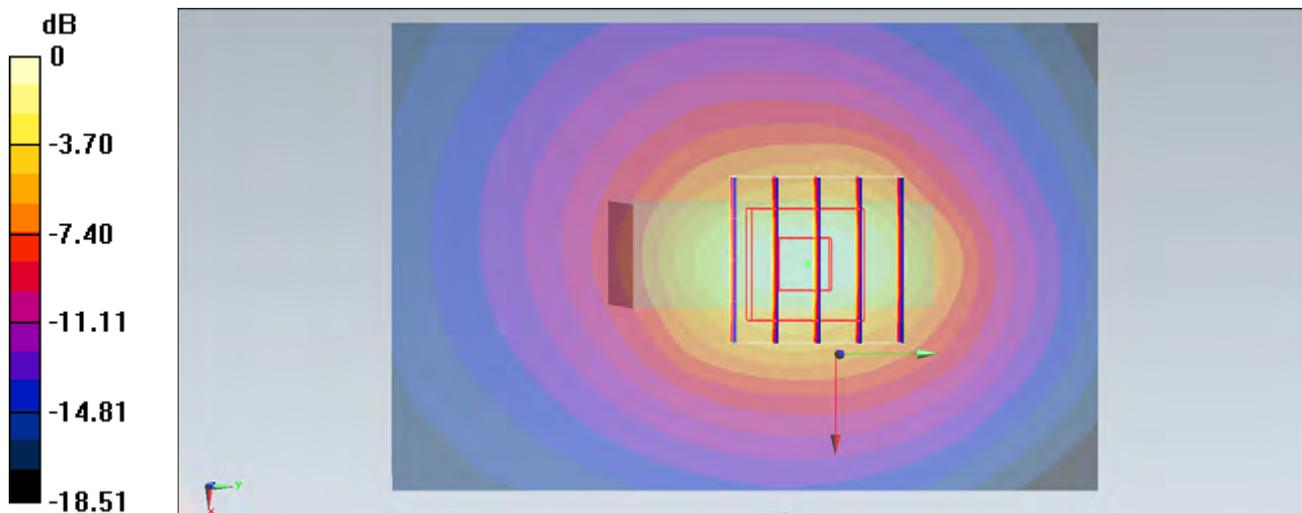Maximum value of SAR (interpolated) = 1.19 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 30.443 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.533 mW/g
SAR(1 g) = 0.836 mW/g; SAR(10 g) = 0.442 mW/g
Maximum value of SAR (measured) = 1.18 mW/g

0 dB = 1.18 mW/g = 1.44 dB mW/g

#21_GSM1900_GPRS (2 Tx slots)_Right Side_1cm_Ch512

DUT: 292704

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_121130 Medium parameters used : f = 1850.2 MHz; σ = 1.459 mho/m; ε$_r$ = 54.317;

ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch512/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
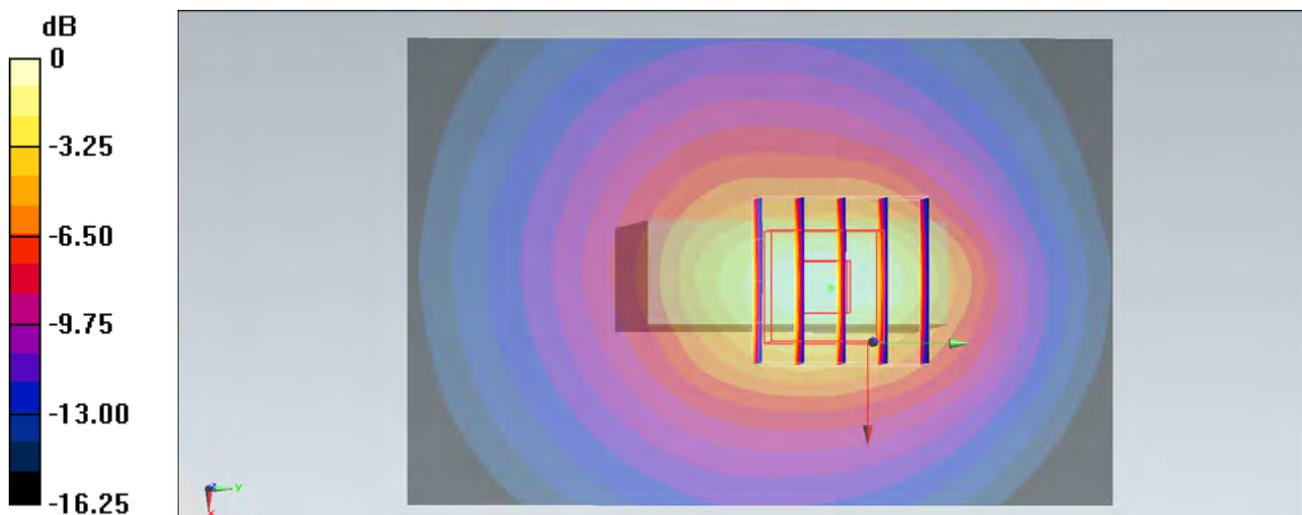Maximum value of SAR (interpolated) = 1.03 mW/g

Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 29.088 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.321 mW/g
SAR(1 g) = 0.769 mW/g; SAR(10 g) = 0.428 mW/g
Maximum value of SAR (measured) = 1.04 mW/g

0 dB = 1.04 mW/g = 0.34 dB mW/g

#22_GSM1900_GPRS (2 Tx slots)_Right Side_1cm_Ch661

DUT: 292704

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_121130 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 54.234; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch661/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
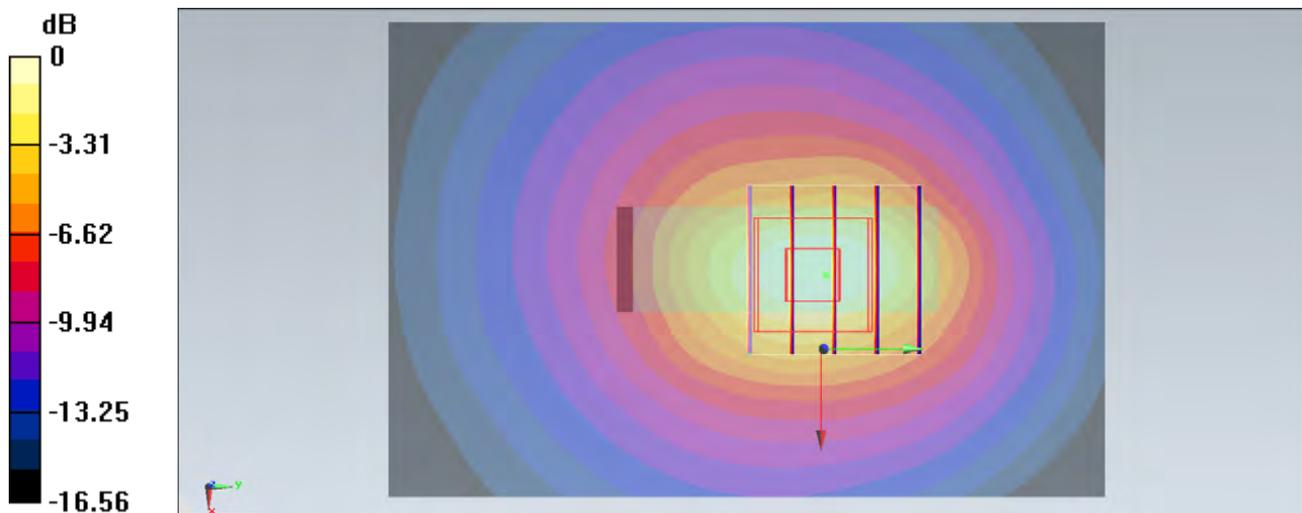Maximum value of SAR (interpolated) = 1.14 mW/g

Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.881 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.422 mW/g
SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.460 mW/g
Maximum value of SAR (measured) = 1.12 mW/g

0 dB = 1.12 mW/g = 0.98 dB mW/g

#09_GSM1900_GPRS (2 Tx slots)_Top Side_1cm_Ch810

DUT: 292704

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_121130 Medium parameters used: f = 1910 MHz; σ = 1.526 mho/m; ε_r = 54.102; ρ

= 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
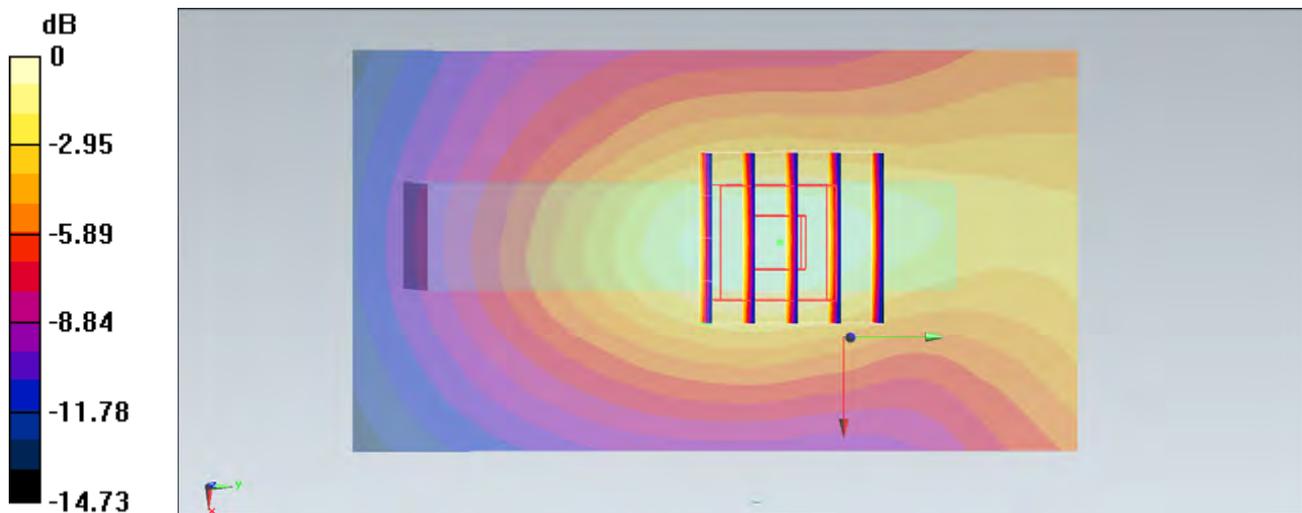Maximum value of SAR (interpolated) = 0.229 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.164 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.285 mW/g
SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.102 mW/g
Maximum value of SAR (measured) = 0.222 mW/g

0 dB = 0.222 mW/g = -13.07 dB mW/g

#10_GSM1900_GPRS (2 Tx slots)_Bottom Side_1cm_Ch810

DUT: 292704

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_121130 Medium parameters used: f = 1910 MHz; σ = 1.526 mho/m; ε_r = 54.102; ρ

= 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
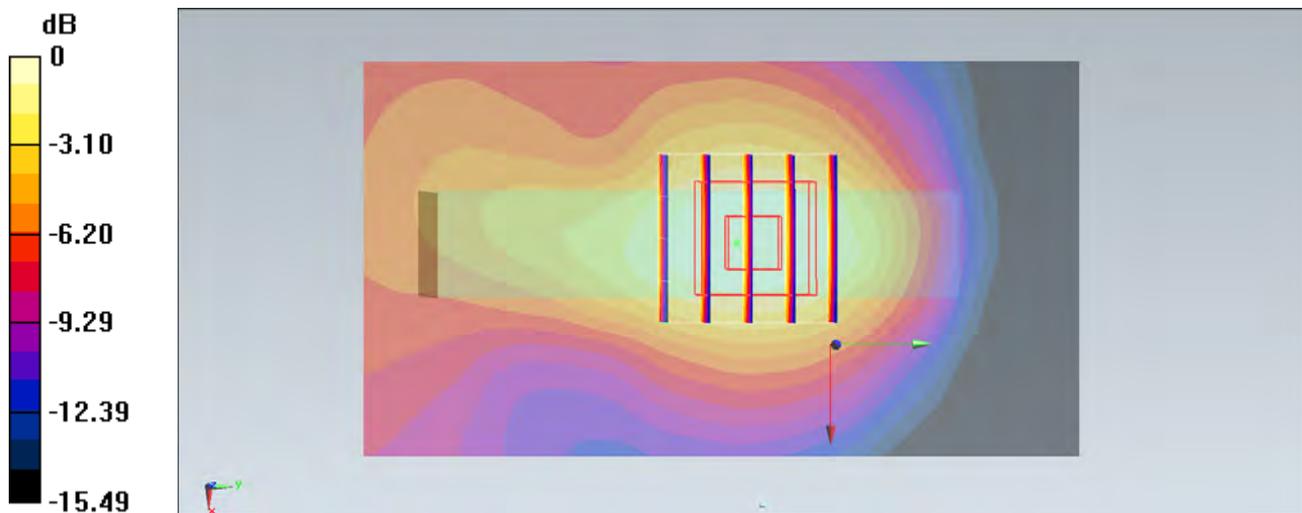Maximum value of SAR (interpolated) = 0.411 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 17.595 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.493 mW/g
SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.397 mW/g

0 dB = 0.397 mW/g = -8.02 dB mW/g

#44_WCDMA IV_RMC12.2K_Front_1cm_Ch1312

DUT: 292704

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1712.4 MHz; σ = 1.451 mho/m; $ε_r$ = 52.567;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1312/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
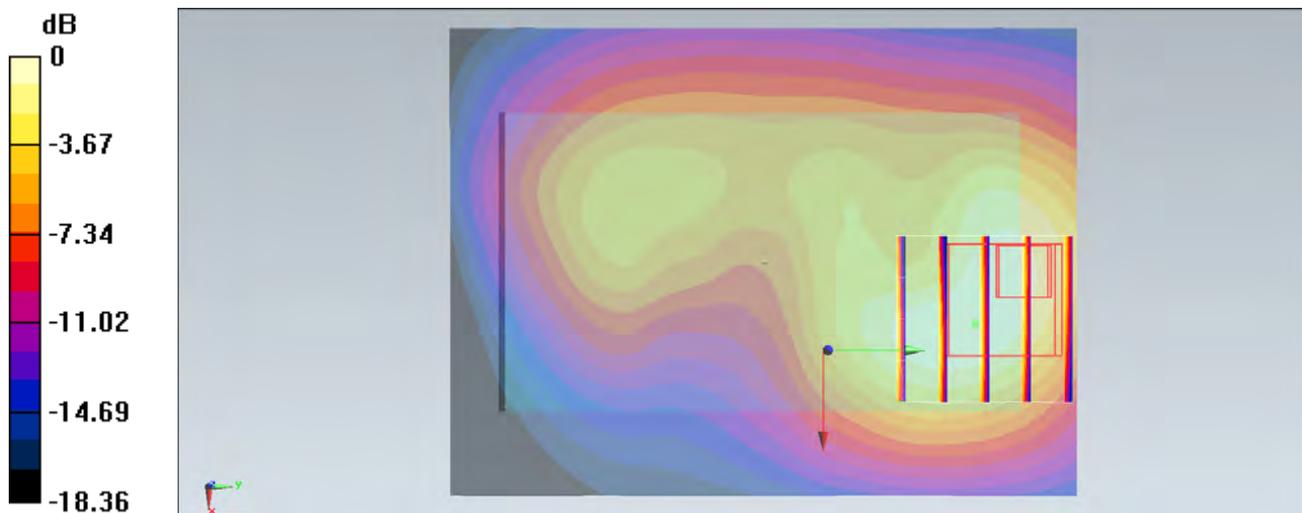Maximum value of SAR (interpolated) = 1.06 mW/g

Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.772 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.377 mW/g
SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.455 mW/g
Maximum value of SAR (measured) = 1.01 mW/g

0 dB = 1.01 mW/g = 0.09 dB mW/g

#45_WCDMA IV_RMC12.2K_Front_1cm_Ch1413

DUT: 292704

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used: f = 1733 MHz; σ = 1.459 mho/m; ε_r = 52.442; ρ

= 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1413/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
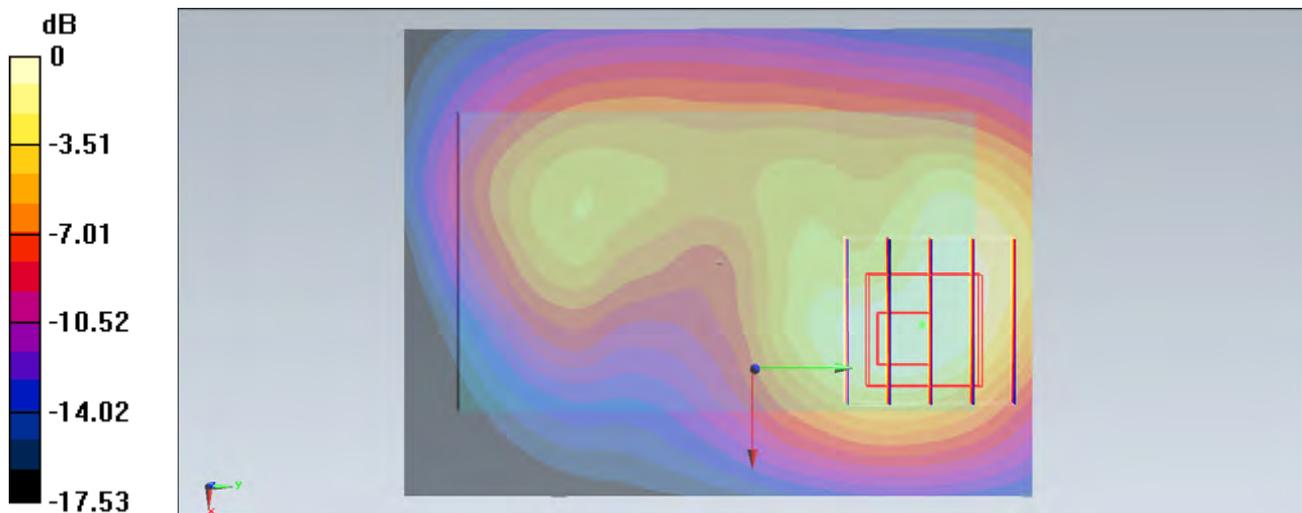Maximum value of SAR (interpolated) = 1.10 mW/g

Configuration/Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 27.280 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.465 mW/g
SAR(1 g) = 0.840 mW/g; SAR(10 g) = 0.470 mW/g
Maximum value of SAR (measured) = 0.996 mW/g

0 dB = 0.996 mW/g = -0.03 dB mW/g

#46_WCDMA IV_RMC12.2K_Front_1cm_Ch1513

DUT: 292704

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used: f = 1753 MHz; σ = 1.484 mho/m; ε_r = 52.357; ρ

= 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1513/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
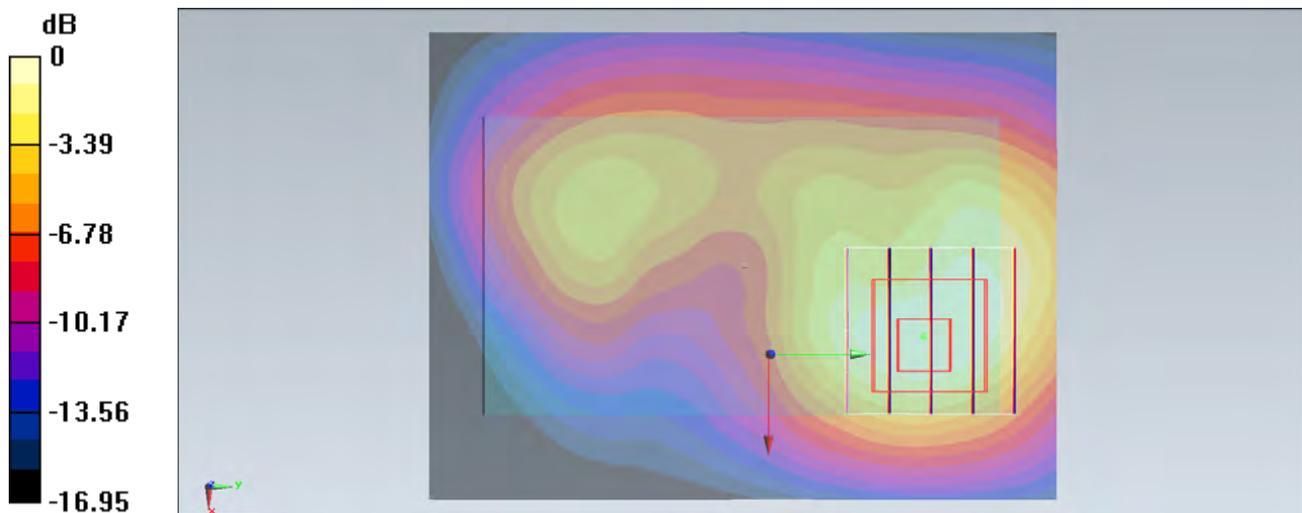Maximum value of SAR (interpolated) = 1.14 mW/g

Configuration/Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 28.155 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.504 mW/g
SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.485 mW/g
Maximum value of SAR (measured) = 1.05 mW/g

0 dB = 1.05 mW/g = 0.42 dB mW/g

#61_WCDMA IV_RMC12.2K_Front_1cm_Ch1513_Repeat

DUT: 292704

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used: f = 1753 MHz; σ = 1.484 mho/m; ε_r = 52.357; ρ

= 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1513/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
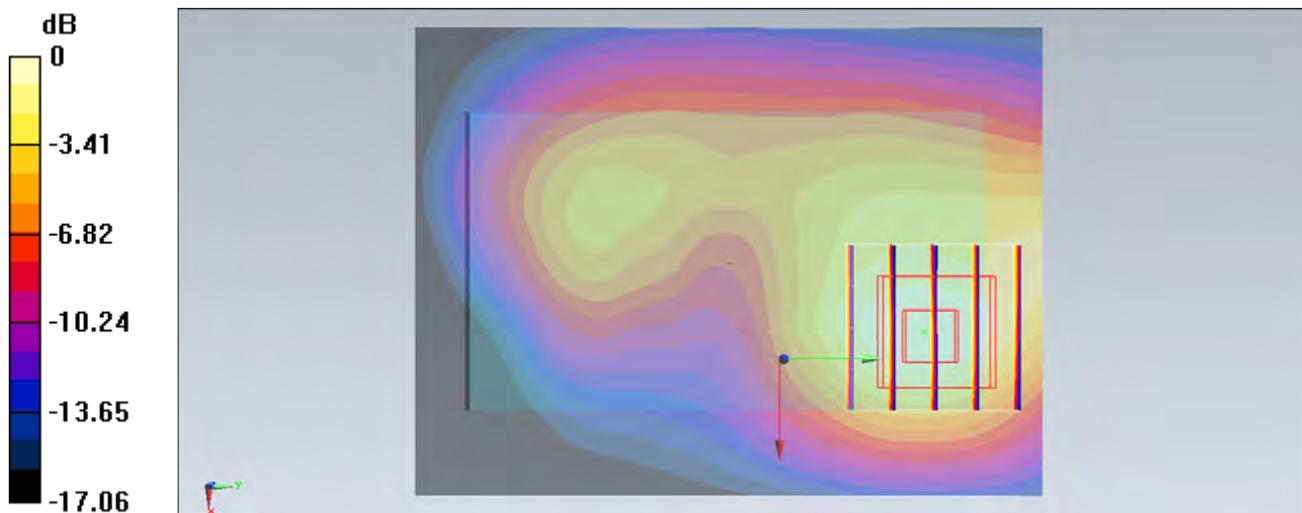Maximum value of SAR (interpolated) = 1.11 mW/g

Configuration/Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.978 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.506 mW/g
SAR(1 g) = 0.867 mW/g; SAR(10 g) = 0.485 mW/g
Maximum value of SAR (measured) = 1.05 mW/g

0 dB = 1.05 mW/g = 0.42 dB mW/g

#47_WCDMA IV_RMC12.2K_Back_1cm_Ch1312

DUT: 292704

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1712.4 MHz; σ = 1.451 mho/m; ε_r = 52.567;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1312/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.602 mW/g

Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 20.902 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.779 mW/g
SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.297 mW/g
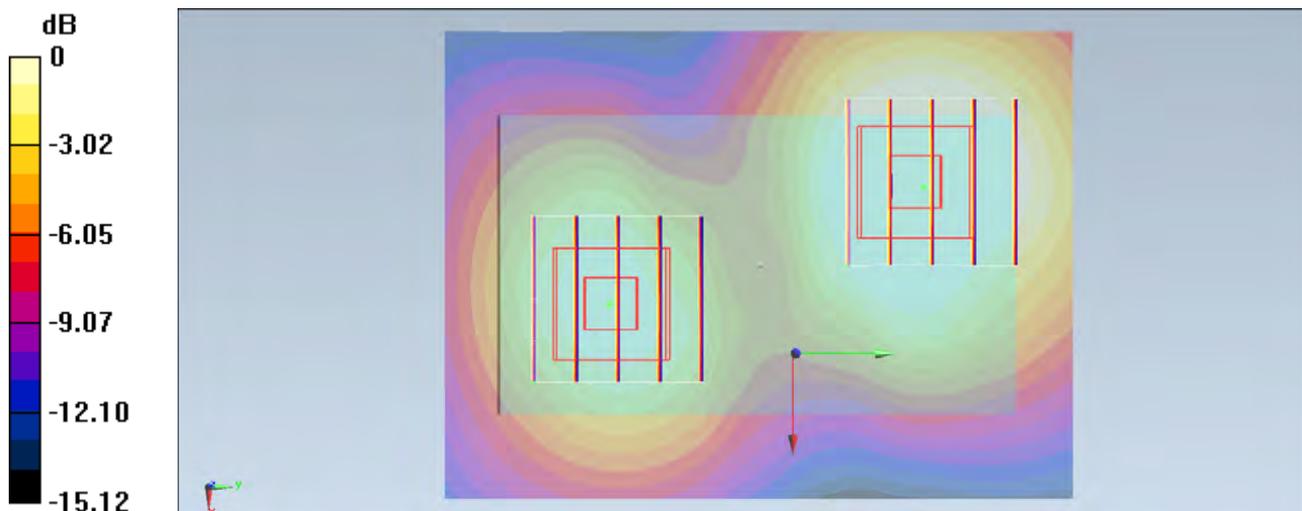Maximum value of SAR (measured) = 0.576 mW/g

Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 20.902 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.488 mW/g
SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.194 mW/g
Maximum value of SAR (measured) = 0.375 mW/g

0 dB = 0.375 mW/g = -8.52 dB mW/g

#48_WCDMA IV_RMC12.2K_Right Side_1cm_Ch1312

DUT: 292704

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1712.4 MHz; σ = 1.451 mho/m; ε_r = 52.567;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1312/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
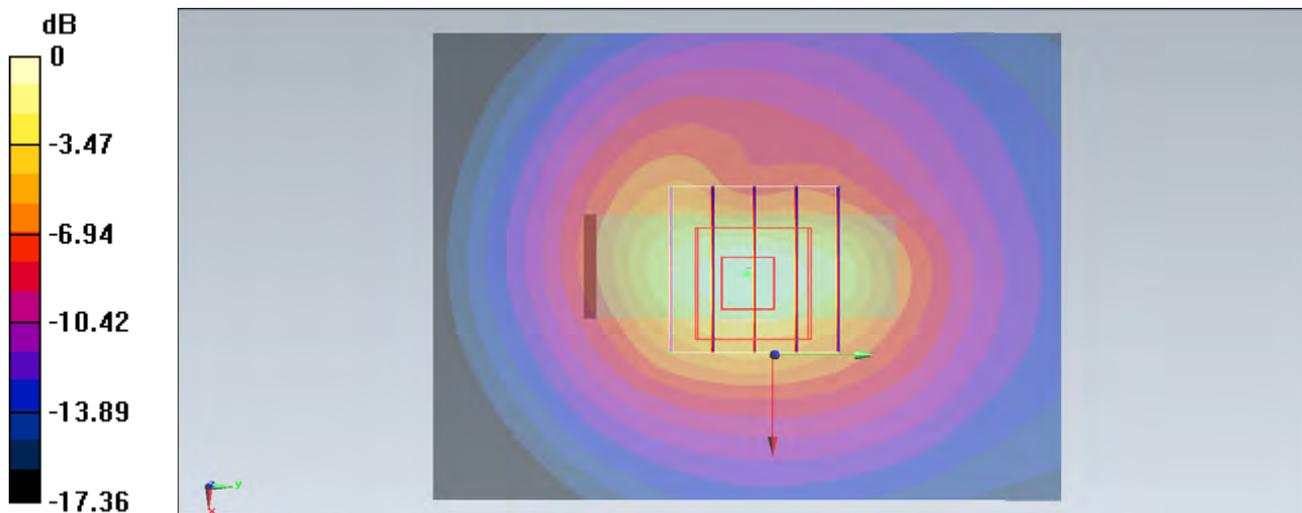Maximum value of SAR (interpolated) = 0.961 mW/g

Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.239 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.342 mW/g
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.432 mW/g
Maximum value of SAR (measured) = 0.962 mW/g

0 dB = 0.962 mW/g = -0.34 dB mW/g

#49_WCDMA IV_RMC12.2K_Right Side_1cm_Ch1413

DUT: 292704

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used: f = 1733 MHz; σ = 1.459 mho/m; ε_r = 52.442; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1413/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
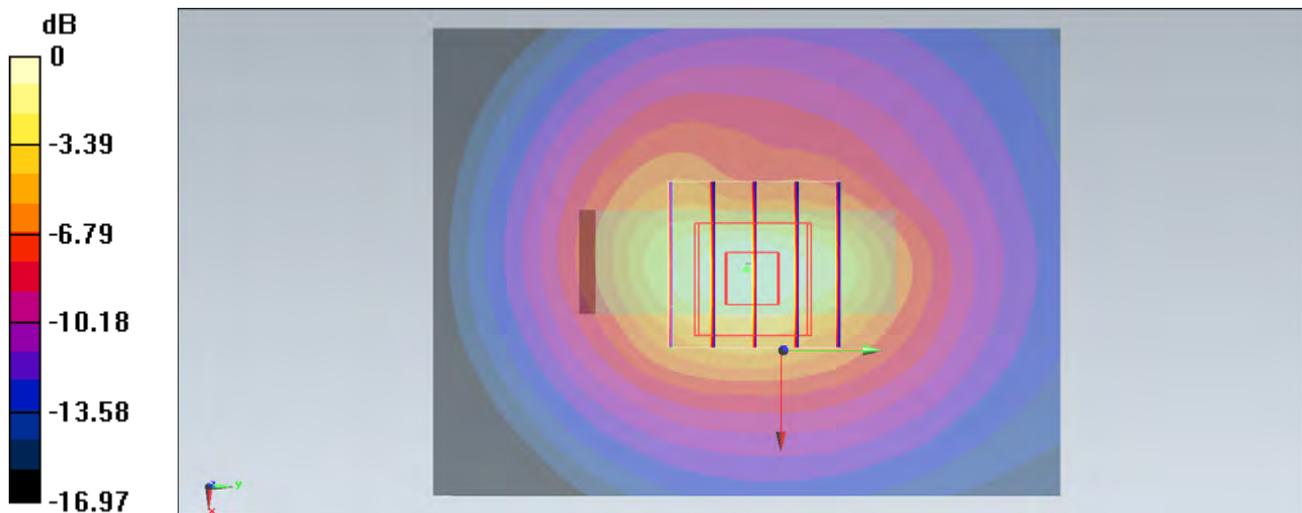Maximum value of SAR (interpolated) = 0.922 mW/g

Configuration/Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.398 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.265 mW/g
SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.410 mW/g
Maximum value of SAR (measured) = 0.915 mW/g

0 dB = 0.915 mW/g = -0.77 dB mW/g

#50_WCDMA IV_RMC12.2K_Right Side_1cm_Ch1513

DUT: 292704

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used: f = 1753 MHz; σ = 1.484 mho/m; $ε_r$ = 52.357; ρ
= 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1513/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
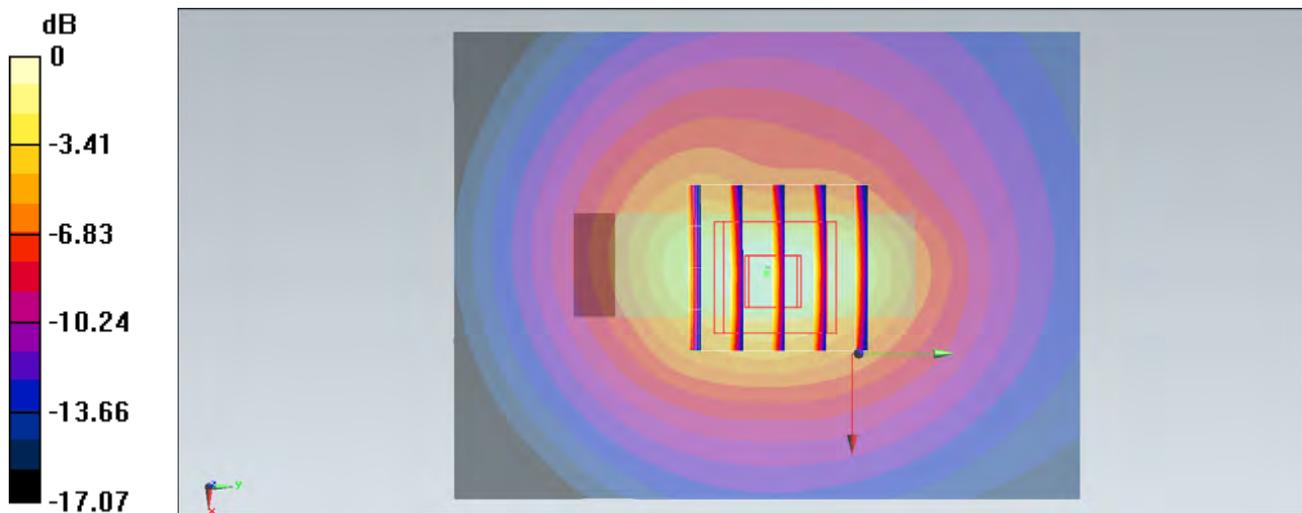Maximum value of SAR (interpolated) = 1.03 mW/g

Configuration/Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 27.623 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.391 mW/g
SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.459 mW/g
Maximum value of SAR (measured) = 1.02 mW/g

0 dB = 1.02 mW/g = 0.17 dB mW/g

#51_WCDMA IV_RMC12.2K_Top Side_1cm_Ch1312

DUT: 292704

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1712.4 MHz; σ = 1.451 mho/m; ε_r = 52.567;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1312/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
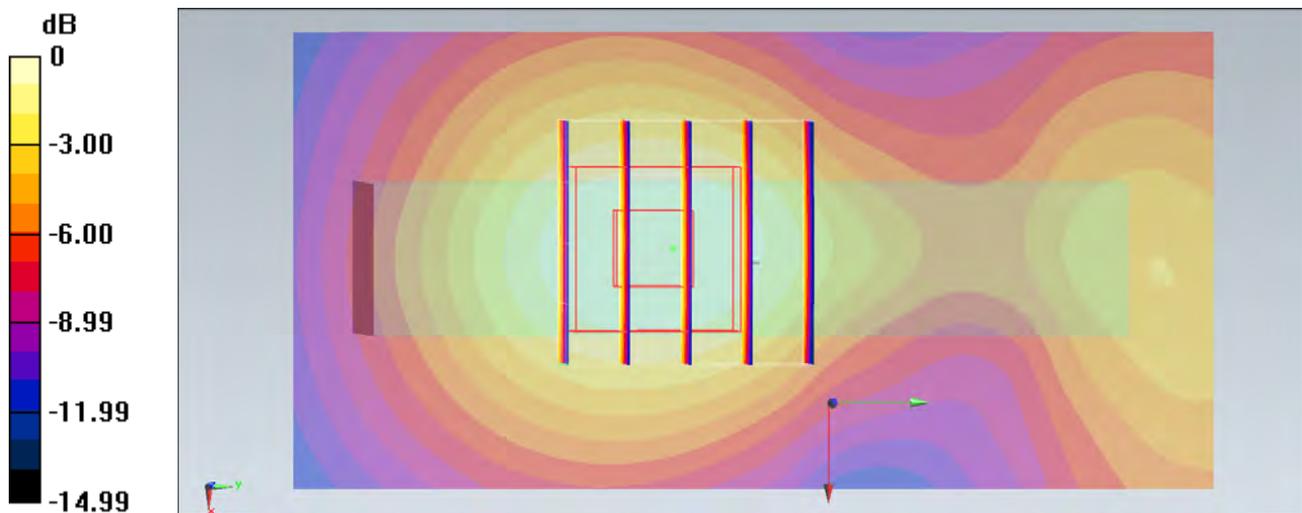Maximum value of SAR (interpolated) = 0.282 mW/g

Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 14.146 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.352 mW/g
SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.139 mW/g
Maximum value of SAR (measured) = 0.264 mW/g

0 dB = 0.264 mW/g = -11.57 dB mW/g

#52_WCDMA IV_RMC12.2K_Bottom Side_1cm_Ch1312

DUT: 292704

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1712.4 MHz; σ = 1.451 mho/m; ε_r = 52.567;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1312/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
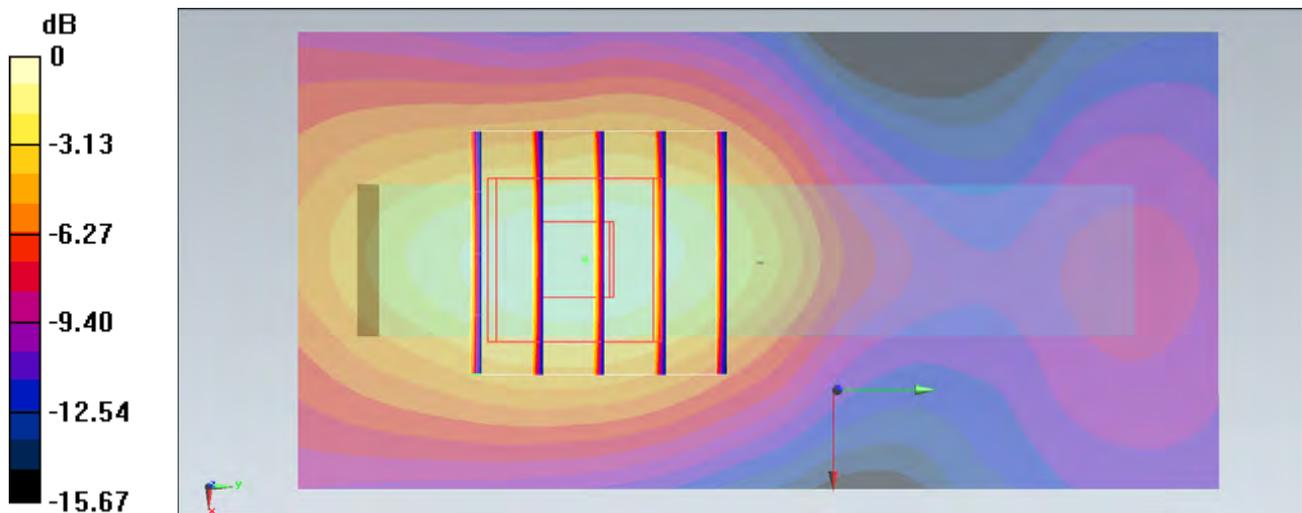Maximum value of SAR (interpolated) = 0.326 mW/g

Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 15.388 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.417 mW/g
SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.153 mW/g
Maximum value of SAR (measured) = 0.311 mW/g

0 dB = 0.311 mW/g = -10.14 dB mW/g

#11_WCDMA II_RMC12.2K_Front_1cm_Ch9400

DUT: 292704

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121130 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε$_r$ = 54.234; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9400/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
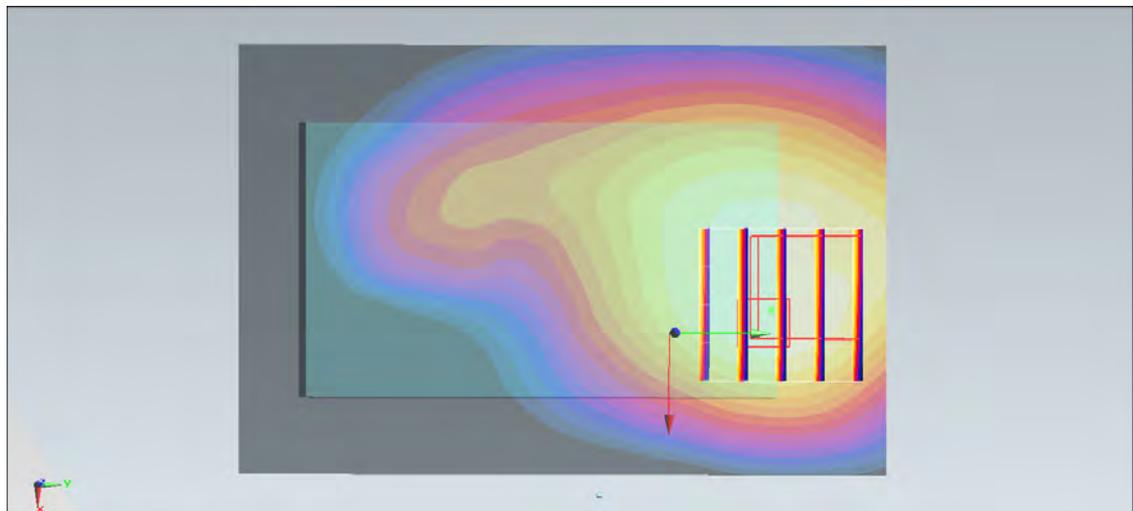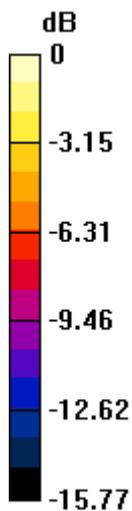Maximum value of SAR (interpolated) = 1.27 mW/g

Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.159 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.522 mW/g
SAR(1 g) = 0.816 mW/g; SAR(10 g) = 0.498 mW/g
Maximum value of SAR (measured) = 1.18 mW/g

0 dB = 1.18 mW/g = 1.44 dB mW/g

#12_WCDMA II_RMC12.2K_Front_1cm_Ch9262

DUT: 292704

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121130 Medium parameters used : f = 1852.4 MHz; σ = 1.461 mho/m; ε_r = 54.314;

ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9262/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
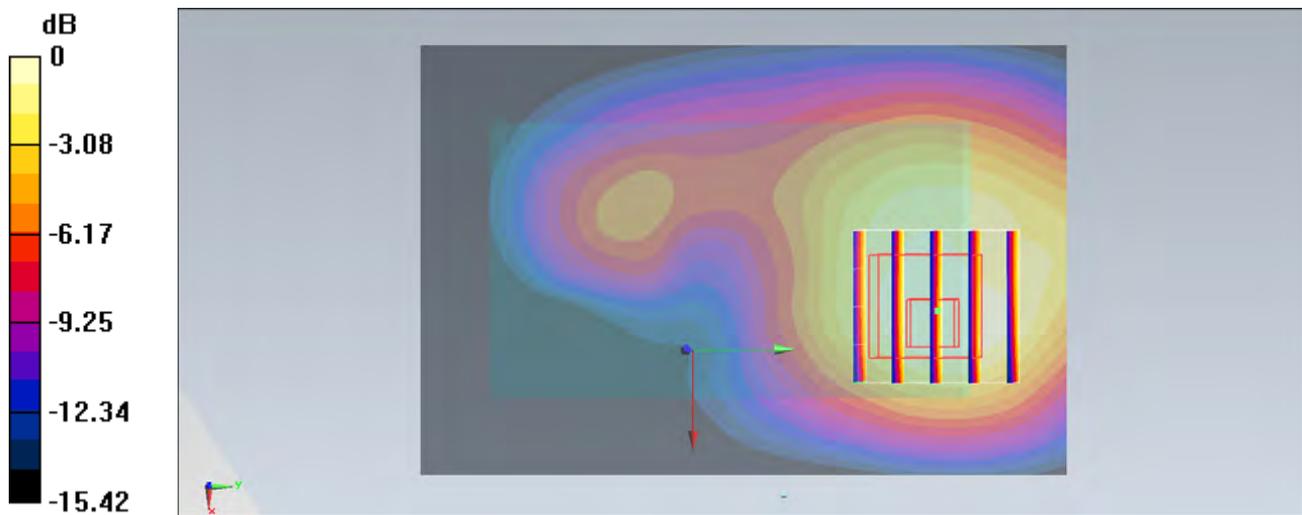Maximum value of SAR (interpolated) = 1.60 mW/g

Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 34.356 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.977 mW/g
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.642 mW/g
Maximum value of SAR (measured) = 1.46 mW/g

0 dB = 1.46 mW/g = 3.29 dB mW/g

#14_WCDMA II_RMC12.2K_Front_1cm_Ch9262_Repeat

DUT: 292704

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121130 Medium parameters used : f = 1852.4 MHz; σ = 1.461 mho/m; ε_r = 54.314;

ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9262/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
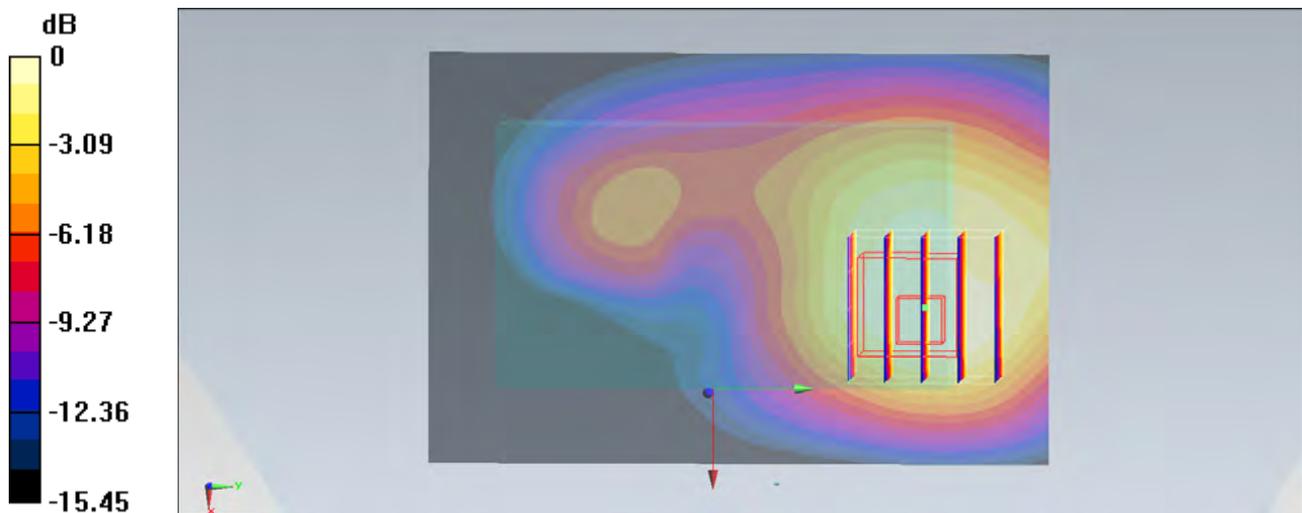Maximum value of SAR (interpolated) = 1.62 mW/g

Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.253 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 1.868 mW/g
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.613 mW/g
Maximum value of SAR (measured) = 1.38 mW/g

0 dB = 1.38 mW/g = 2.80 dB mW/g

#13_WCDMA II_RMC12.2K_Front_1cm_Ch9538

DUT: 292704

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: MSL_1900_121130 Medium parameters used: f = 1908 MHz; σ = 1.523 mho/m; ε_r = 54.109; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9538/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
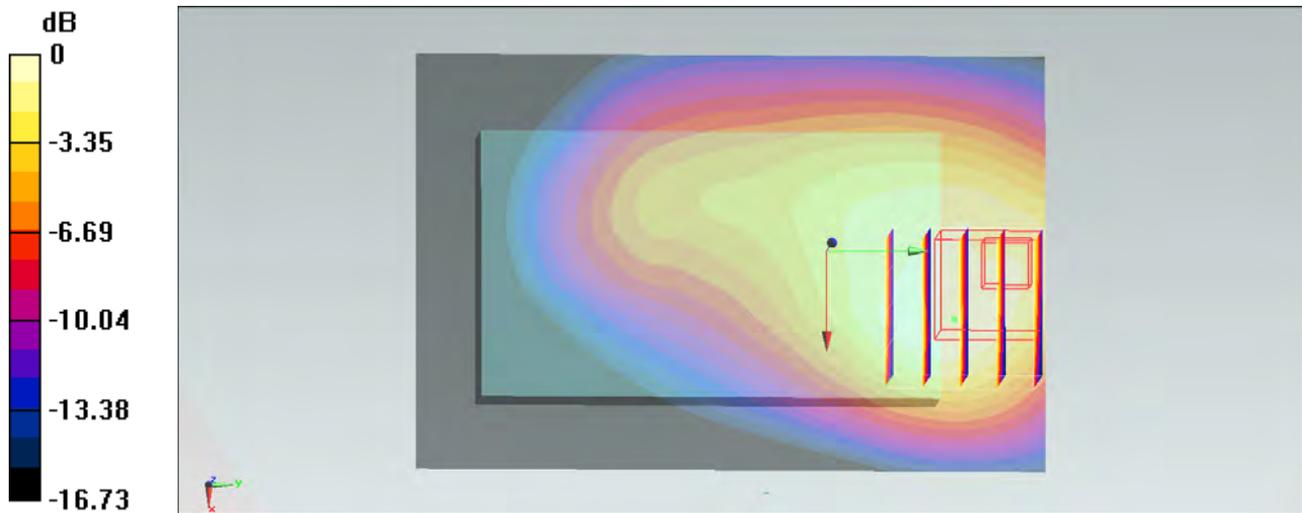Maximum value of SAR (interpolated) = 1.29 mW/g

Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.152 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.549 mW/g
SAR(1 g) = 0.882 mW/g; SAR(10 g) = 0.514 mW/g
Maximum value of SAR (measured) = 1.17 mW/g

0 dB = 1.17 mW/g = 1.36 dB mW/g

#15_WCDMA II_RMC12.2K_Back_1cm_Ch9400

DUT: 292704

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121130 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 54.234; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9400/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
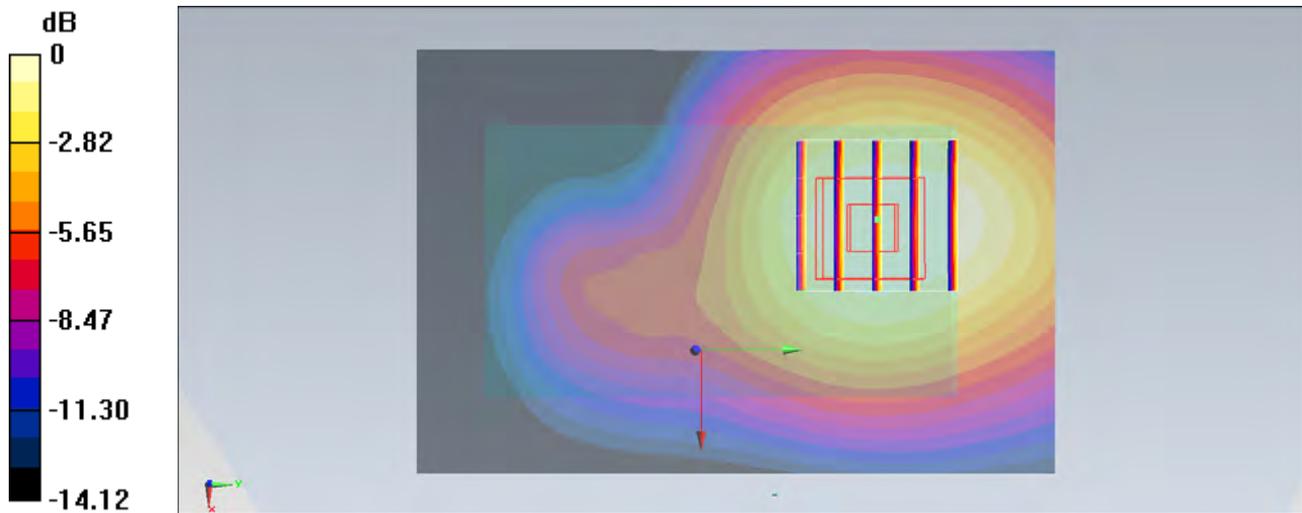Maximum value of SAR (interpolated) = 0.843 mW/g

Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 25.862 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.053 mW/g
SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.415 mW/g
Maximum value of SAR (measured) = 0.848 mW/g

0 dB = 0.848 mW/g = -1.43 dB mW/g

#16_WCDMA II_RMC12.2K_Right Side_1cm_Ch9400

DUT: 292704

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121130 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 54.234; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9400/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
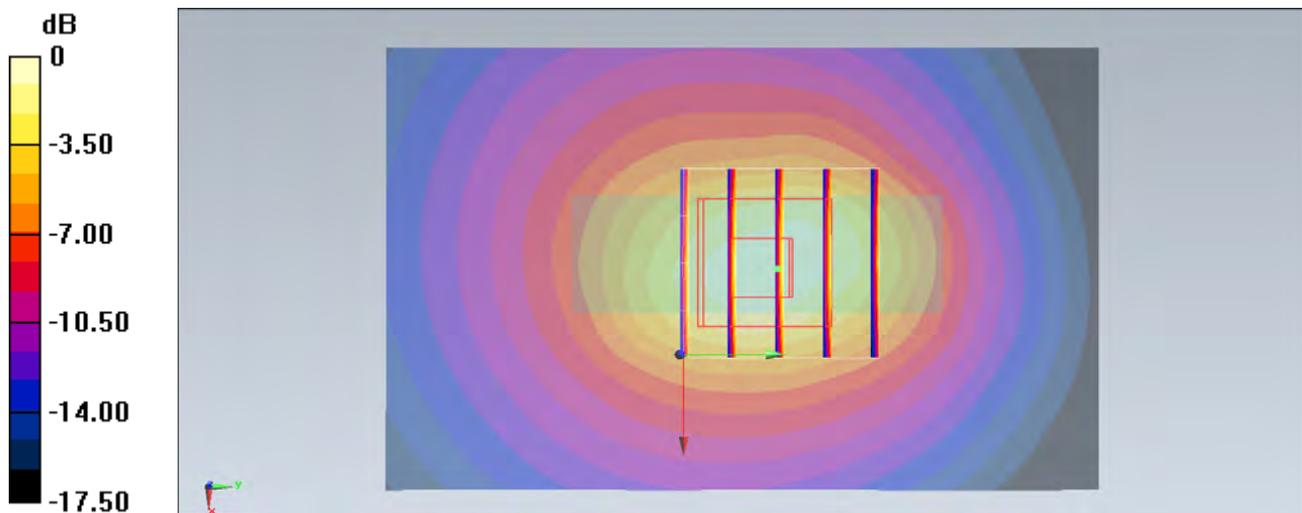Maximum value of SAR (interpolated) = 1.41 mW/g

Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.533 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.799 mW/g
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.577 mW/g
Maximum value of SAR (measured) = 1.41 mW/g

0 dB = 1.41 mW/g = 2.98 dB mW/g

#17_WCDMA II_RMC12.2K_Right Side_1cm_Ch9262

DUT: 292704

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121130 Medium parameters used : f = 1852.4 MHz; σ = 1.461 mho/m; ε_r = 54.314;

ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9262/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
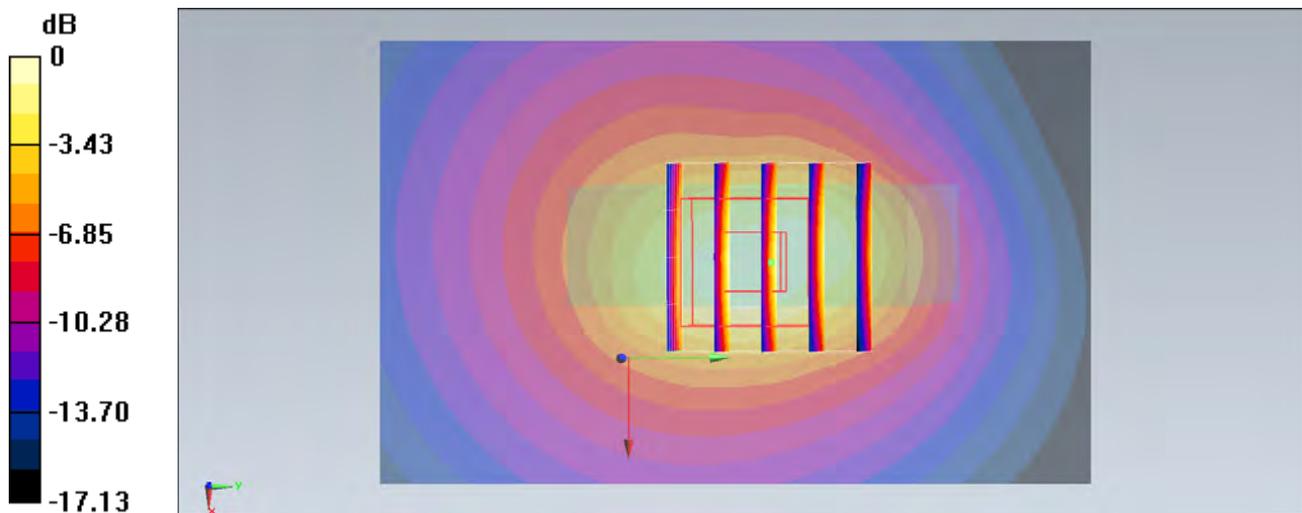Maximum value of SAR (interpolated) = 1.38 mW/g

Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 33.455 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.753 mW/g
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.565 mW/g
Maximum value of SAR (measured) = 1.36 mW/g

0 dB = 1.36 mW/g = 2.67 dB mW/g

#18_WCDMA II_RMC12.2K_Right Side_1cm_Ch9538

DUT: 292704

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121130 Medium parameters used: f = 1908 MHz; σ = 1.523 mho/m; $ε_r$ = 54.109; ρ

= 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9538/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
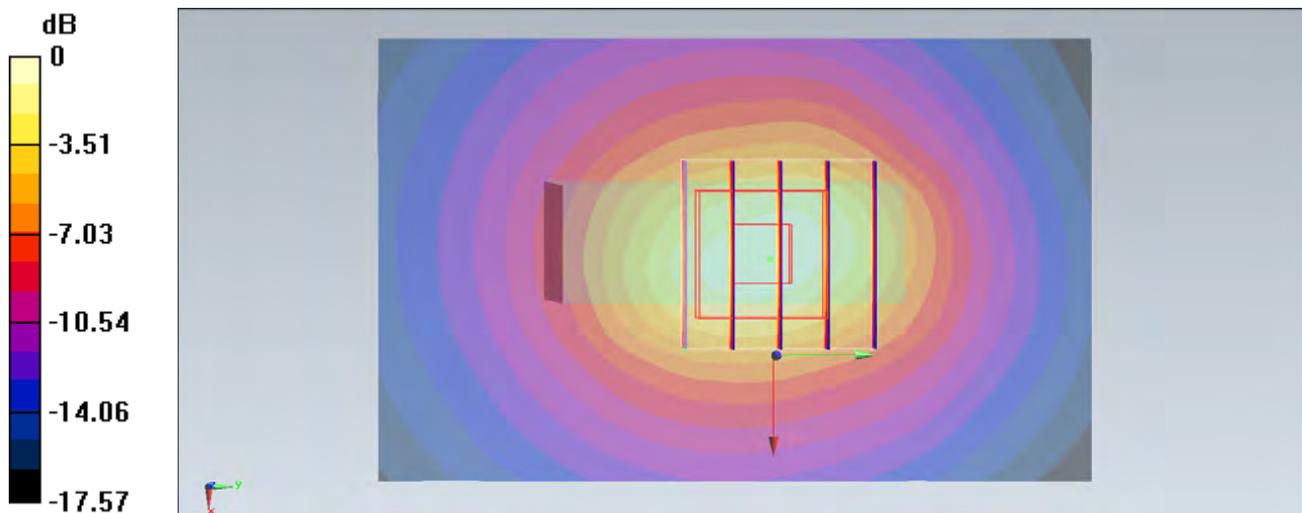Maximum value of SAR (interpolated) = 1.34 mW/g

Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 31.839 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.698 mW/g
SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.537 mW/g
Maximum value of SAR (measured) = 1.34 mW/g

0 dB = 1.34 mW/g = 2.54 dB mW/g

#19_WCDMA II_RMC12.2K_Top Side_1cm_Ch9400

DUT: 292704

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121130 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 54.234; ρ =
1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9400/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
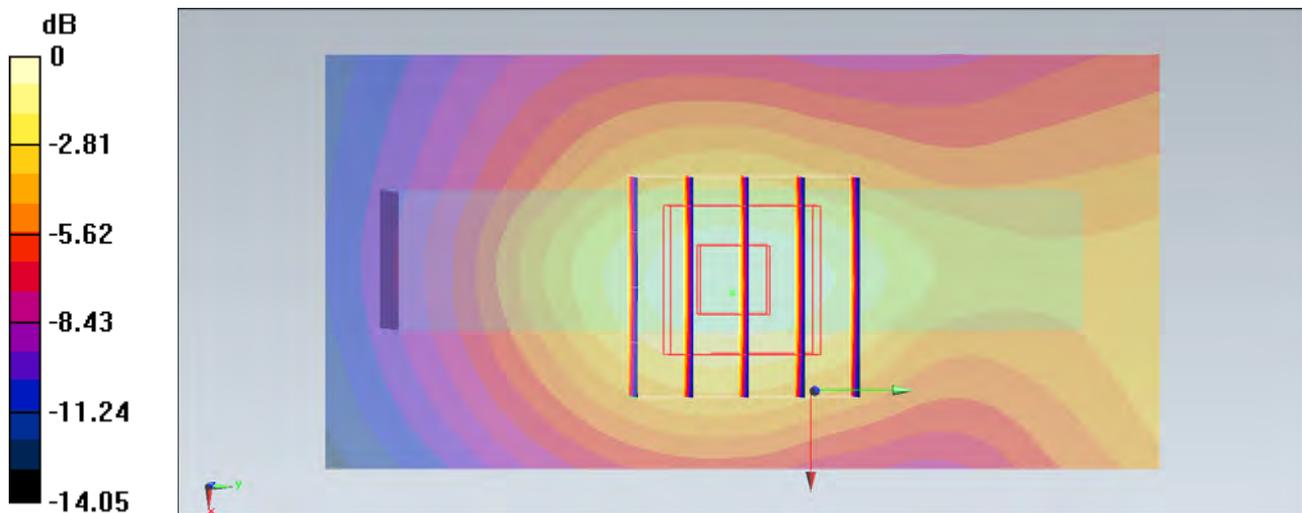Maximum value of SAR (interpolated) = 0.263 mW/g

Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 14.434 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.341 mW/g
SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.123 mW/g
Maximum value of SAR (measured) = 0.272 mW/g

0 dB = 0.272 mW/g = -11.31 dB mW/g

#20_WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9400

DUT: 292704

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121130 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 54.234; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9400/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
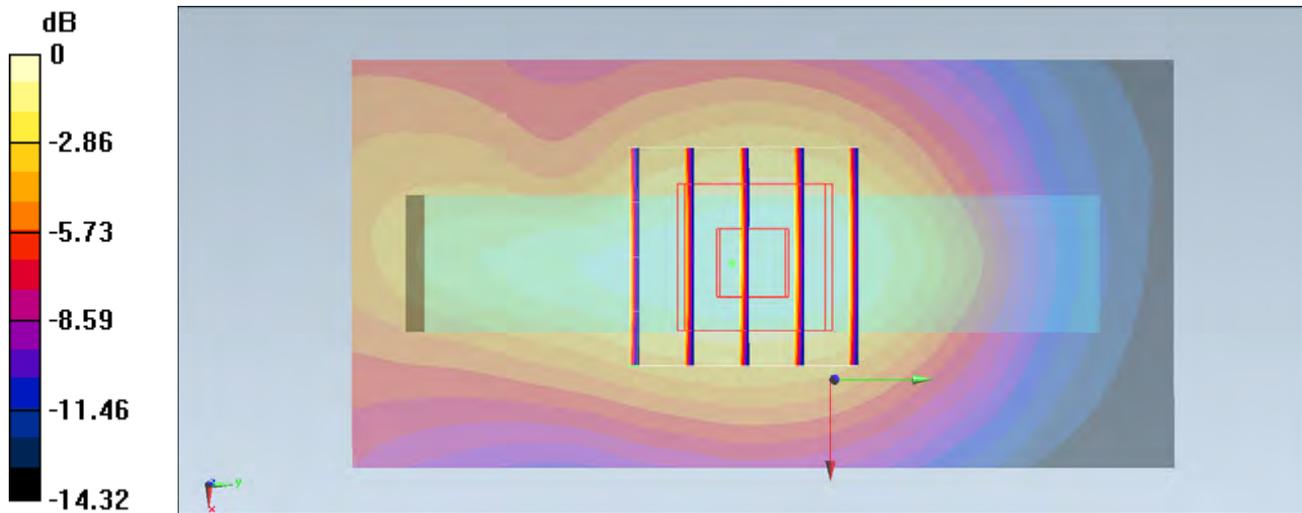Maximum value of SAR (interpolated) = 0.347 mW/g

Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.268 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.421 mW/g
SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.155 mW/g
Maximum value of SAR (measured) = 0.338 mW/g

0 dB = 0.338 mW/g = -9.42 dB mW/g

#23_LTE Band 4_20M_QPSK 1RB 49offset_Front_1cm_Ch20175

DUT: 292704

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1732.5 MHz; σ = 1.458 mho/m; ε_r = 52.445;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
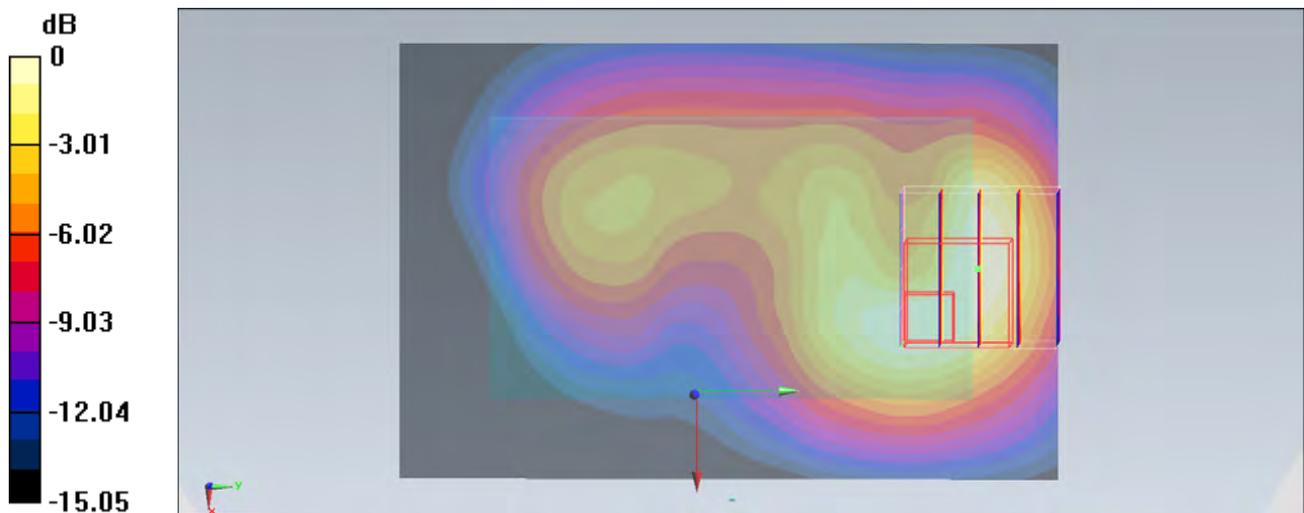Maximum value of SAR (interpolated) = 1.15 mW/g

Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.546 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.480 mW/g
SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.527 mW/g
Maximum value of SAR (measured) = 1.10 mW/g

0 dB = 1.10 mW/g = 0.83 dB mW/g

#24_LTE Band 4_20M_QPSK 1RB 49offset_Front_1cm_Ch20050

DUT: 292704

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used: f = 1720 MHz; σ = 1.453 mho/m; ε_r = 52.518; ρ

= 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20050/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
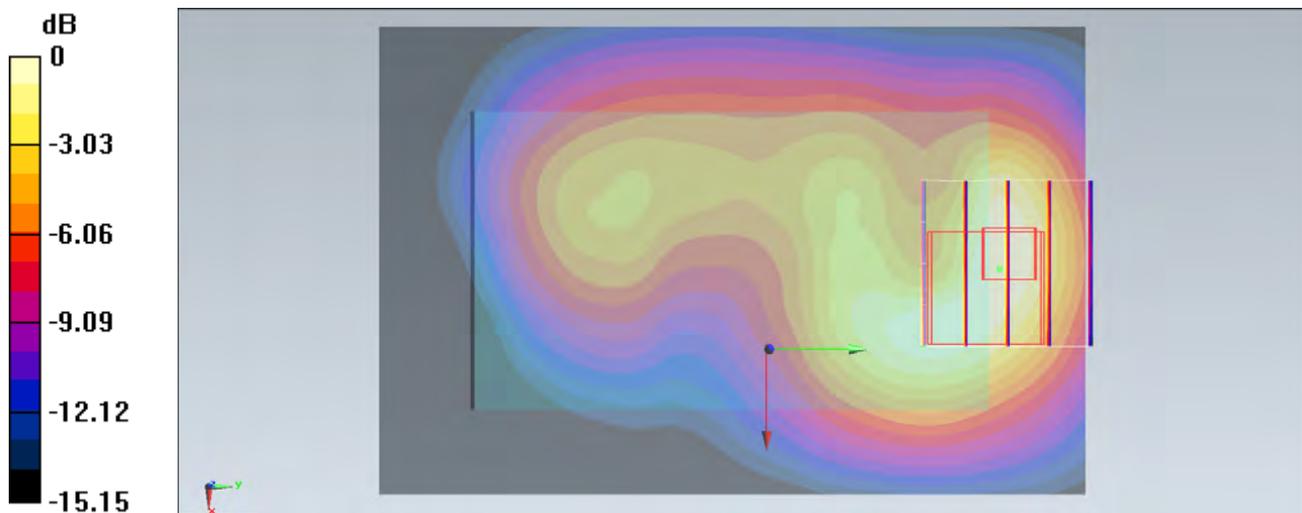Maximum value of SAR (interpolated) = 1.07 mW/g

Configuration/Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.578 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.325 mW/g
SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.481 mW/g
Maximum value of SAR (measured) = 1.02 mW/g

0 dB = 1.02 mW/g = 0.17 dB mW/g

#25_LTE Band 4_20M_QPSK 1RB 49offset_Front_1cm_Ch20300

DUT: 292704

Communication System: LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used: f = 1745 MHz; σ = 1.471 mho/m; ε_r = 52.385; ρ
= 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20300/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
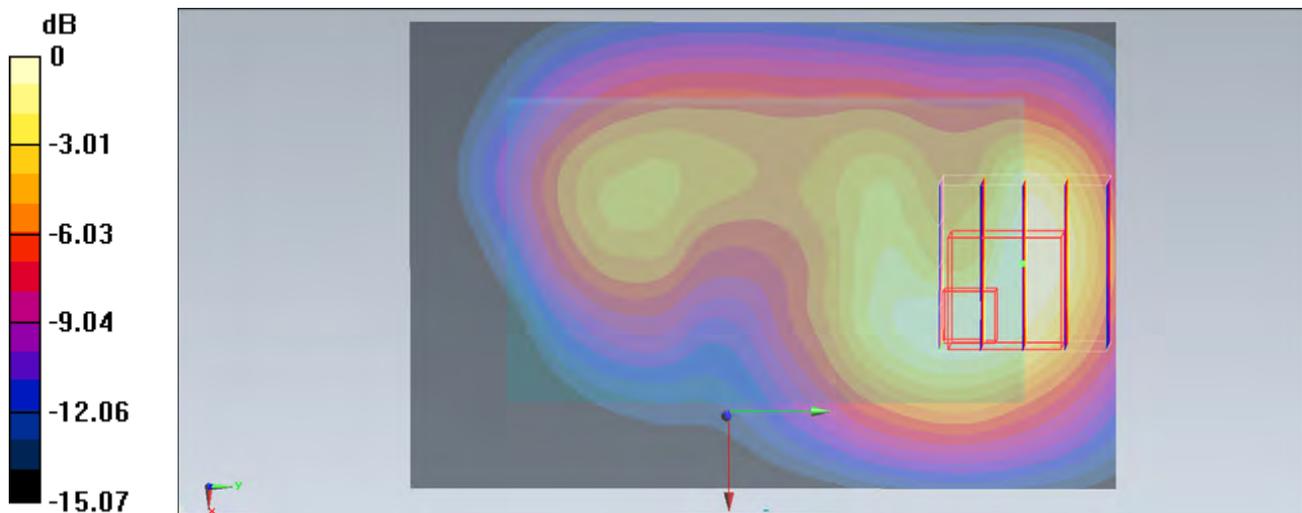Maximum value of SAR (interpolated) = 1.16 mW/g

Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 27.964 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.538 mW/g
SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.536 mW/g
Maximum value of SAR (measured) = 1.10 mW/g

0 dB = 1.10 mW/g = 0.83 dB mW/g

#62_LTE Band 4_20M_QPSK 1RB 49offset_Front_1cm_Ch20300_Repeat

DUT: 292704

Communication System: LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used: f = 1745 MHz; σ = 1.471 mho/m; ε_r = 52.385; ρ

= 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20300/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
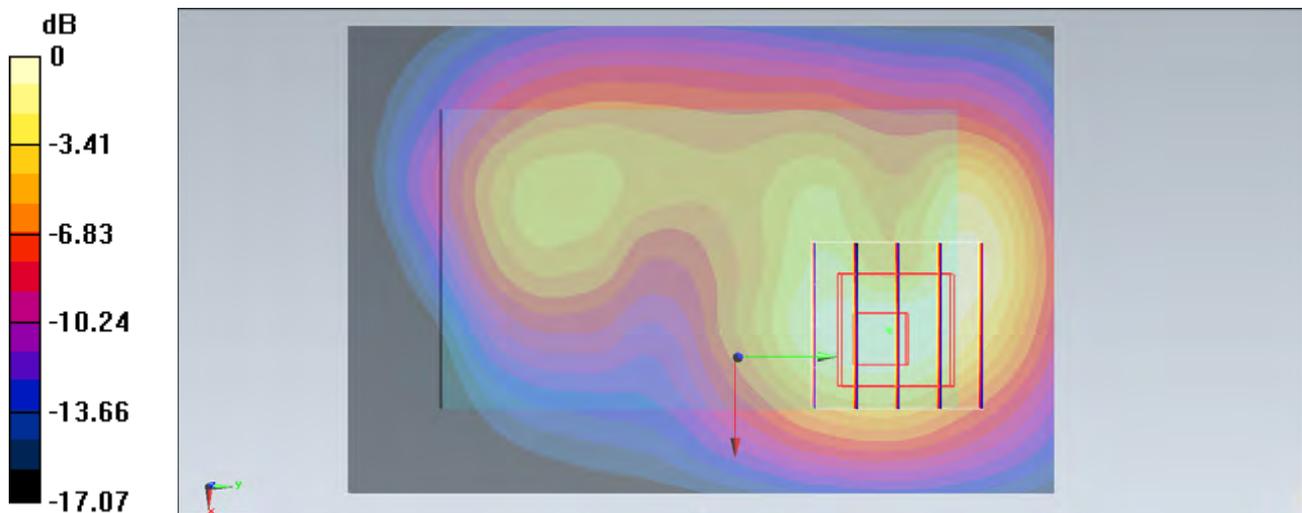Maximum value of SAR (interpolated) = 1.10 mW/g

Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.215 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.532 mW/g
SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.495 mW/g
Maximum value of SAR (measured) = 1.07 mW/g

0 dB = 1.07 mW/g = 0.59 dB mW/g

#26_LTE Band 4_20M_QPSK 50RB 24offset_Front_1cm_Ch20175

DUT: 292704

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1732.5 MHz; σ = 1.458 mho/m; ε_r = 52.445;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
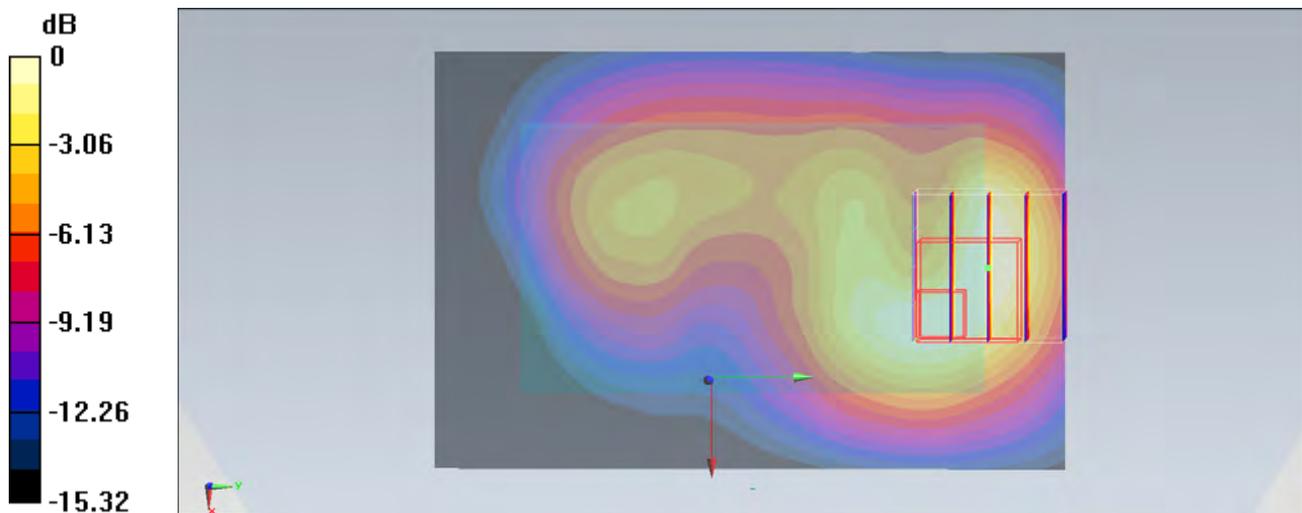Maximum value of SAR (interpolated) = 0.892 mW/g

Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.099 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.141 mW/g
SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.403 mW/g
Maximum value of SAR (measured) = 0.854 mW/g

0 dB = 0.854 mW/g = -1.37 dB mW/g

#31_LTE Band 4_20M_QPSK 50RB 24offset_Front_1cm_Ch20050

DUT: 292704

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used: f = 1720 MHz; σ = 1.453 mho/m; ε$_r$ = 52.518; ρ
= 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20050/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.800 mW/g

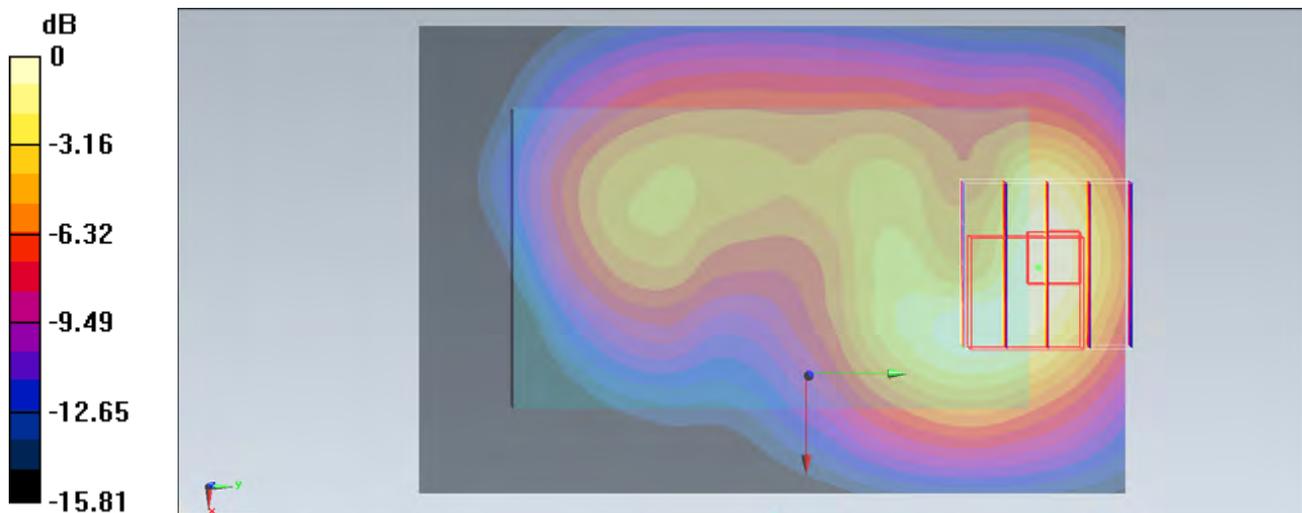## Configuration/Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.560 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.025 mW/g
SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.364 mW/g
Maximum value of SAR (measured) = 0.776 mW/g

0 dB = 0.776 mW/g = -2.20 dB mW/g

#32_LTE Band 4_20M_QPSK 50RB 24offset_Front_1cm_Ch20300

DUT: 292704

Communication System: LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used: f = 1745 MHz; σ = 1.471 mho/m; $ε_r$ = 52.385; ρ
= 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20300/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
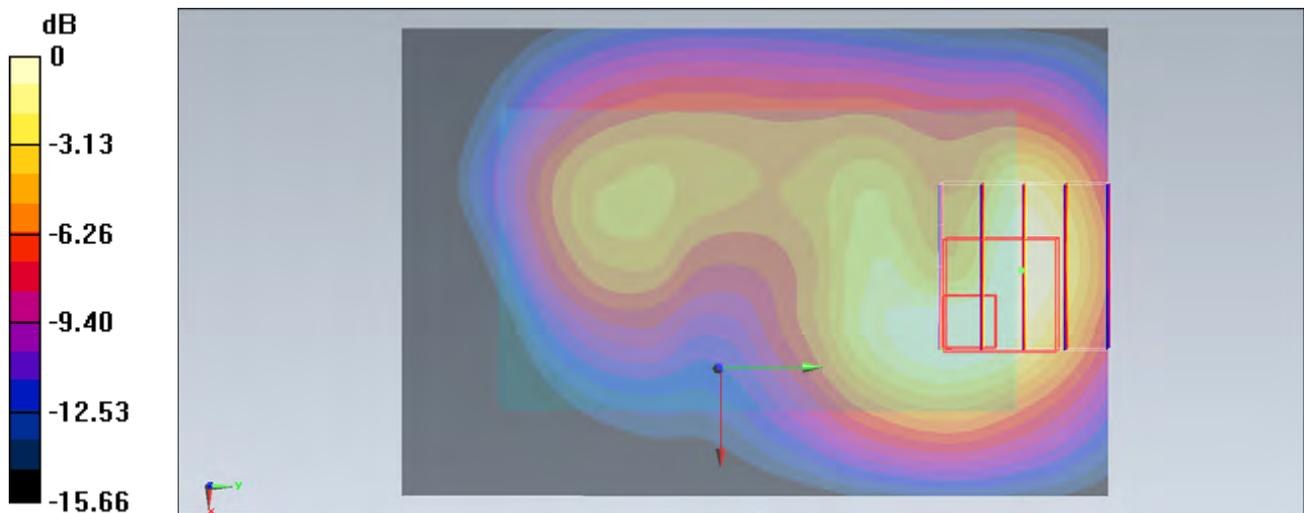Maximum value of SAR (interpolated) = 0.857 mW/g

Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.404 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.135 mW/g
SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.386 mW/g
Maximum value of SAR (measured) = 0.808 mW/g

0 dB = 0.808 mW/g = -1.85 dB mW/g

#27_LTE Band 4_20M_QPSK 100RB 0offset_Front_1cm_Ch20175

DUT: 292704

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1732.5 MHz; σ = 1.458 mho/m; ε_r = 52.445;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
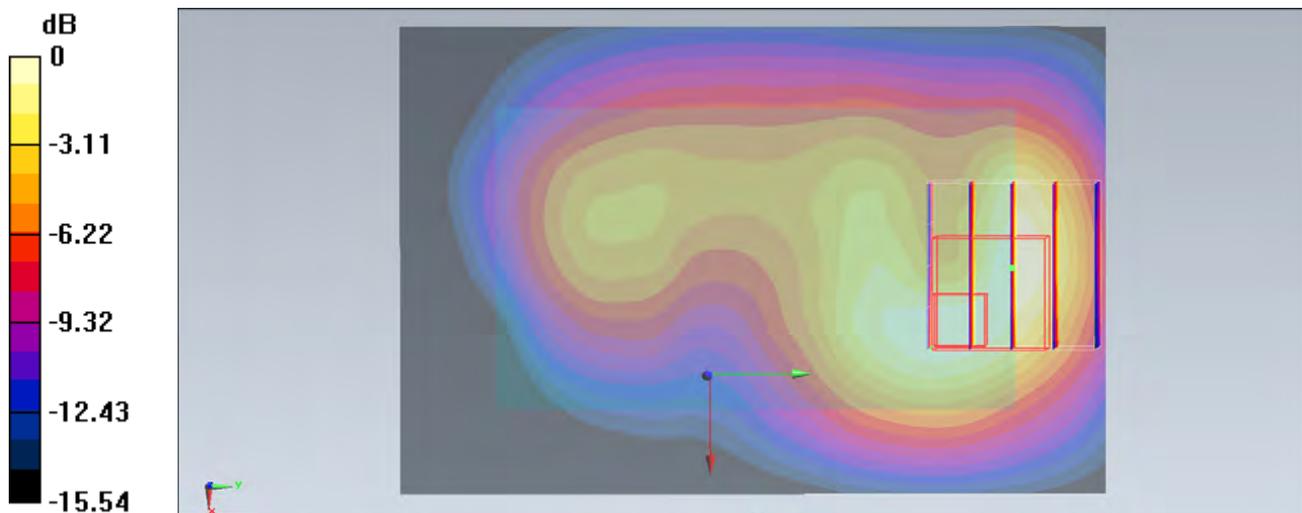Maximum value of SAR (interpolated) = 0.819 mW/g

Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.697 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.131 mW/g
SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.385 mW/g
Maximum value of SAR (measured) = 0.816 mW/g

0 dB = 0.816 mW/g = -1.77 dB mW/g

#28_LTE Band 4_20M_QPSK 1RB 49offset_Back_1cm_Ch20175

DUT: 292704

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1732.5 MHz; σ = 1.458 mho/m; ε_r = 52.445;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
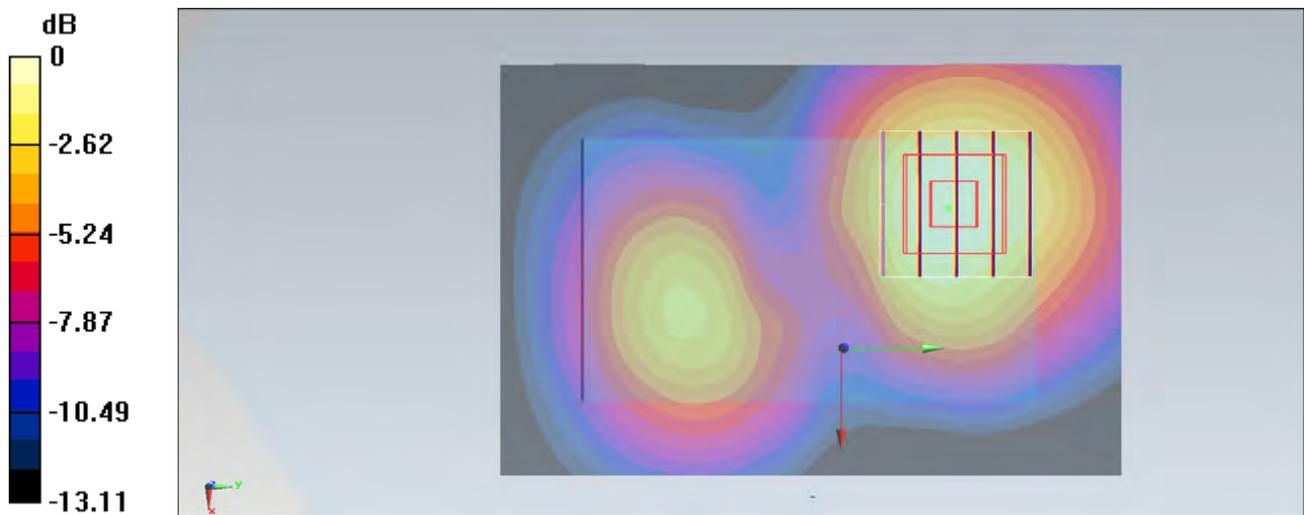Maximum value of SAR (interpolated) = 0.651 mW/g

Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.674 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.811 mW/g
SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.338 mW/g
Maximum value of SAR (measured) = 0.634 mW/g

0 dB = 0.634 mW/g = -3.96 dB mW/g

#29_LTE Band 4_20M_QPSK 50RB 24offset_Back_1cm_Ch20175

DUT: 292704

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1732.5 MHz; σ = 1.458 mho/m; ε_r = 52.445;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
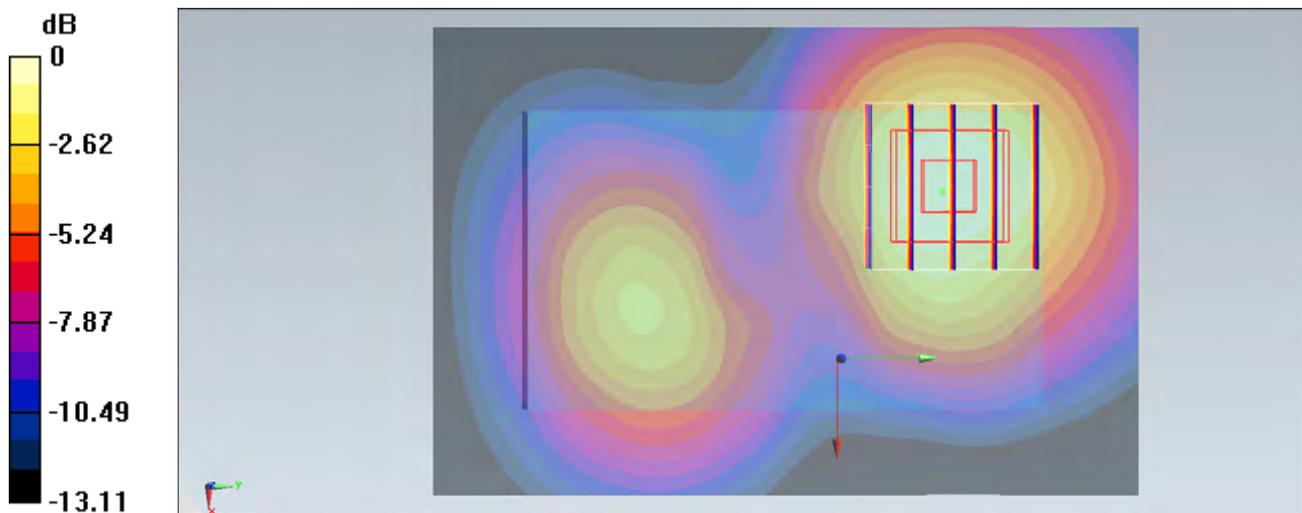Maximum value of SAR (interpolated) = 0.543 mW/g

Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.863 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.689 mW/g
SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.283 mW/g
Maximum value of SAR (measured) = 0.534 mW/g

0 dB = 0.534 mW/g = -5.45 dB mW/g

#30_LTE Band 4_20M_QPSK 100RB 0offset_Back_1cm_Ch20175

DUT: 292704

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1732.5 MHz; σ = 1.458 mho/m; ε_r = 52.445;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
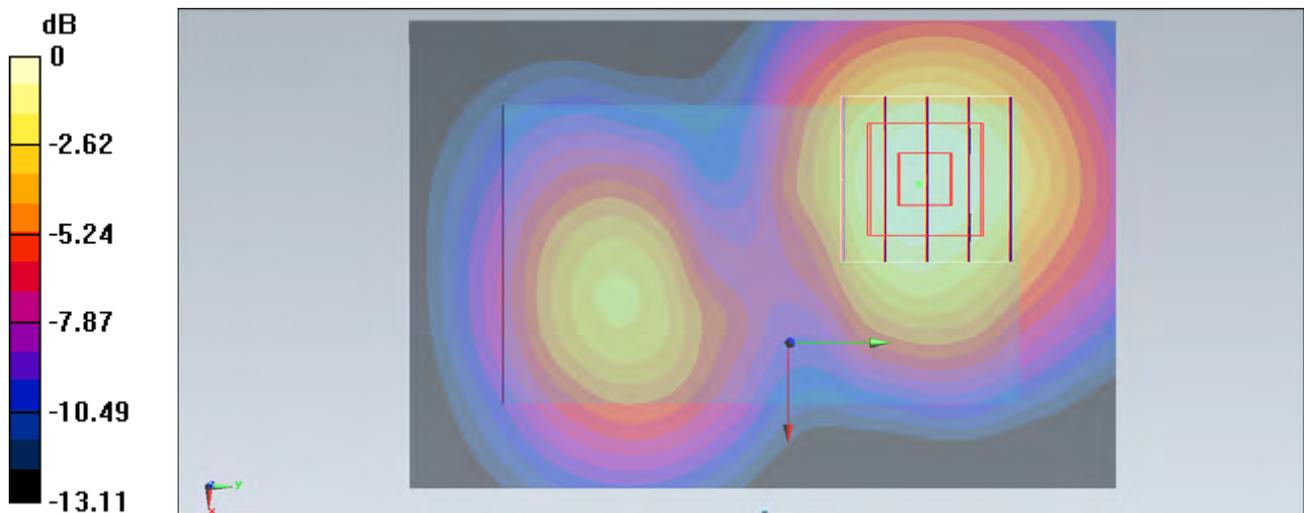Maximum value of SAR (interpolated) = 0.545 mW/g

Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 19.921 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.682 mW/g
SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.282 mW/g
Maximum value of SAR (measured) = 0.532 mW/g

0 dB = 0.532 mW/g = -5.48 dB mW/g

#33_LTE Band 4_20M_QPSK 1RB 49offset_Right Side_1cm_Ch20175

DUT: 292704

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1732.5 MHz; σ = 1.458 mho/m; ε_r = 52.445;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
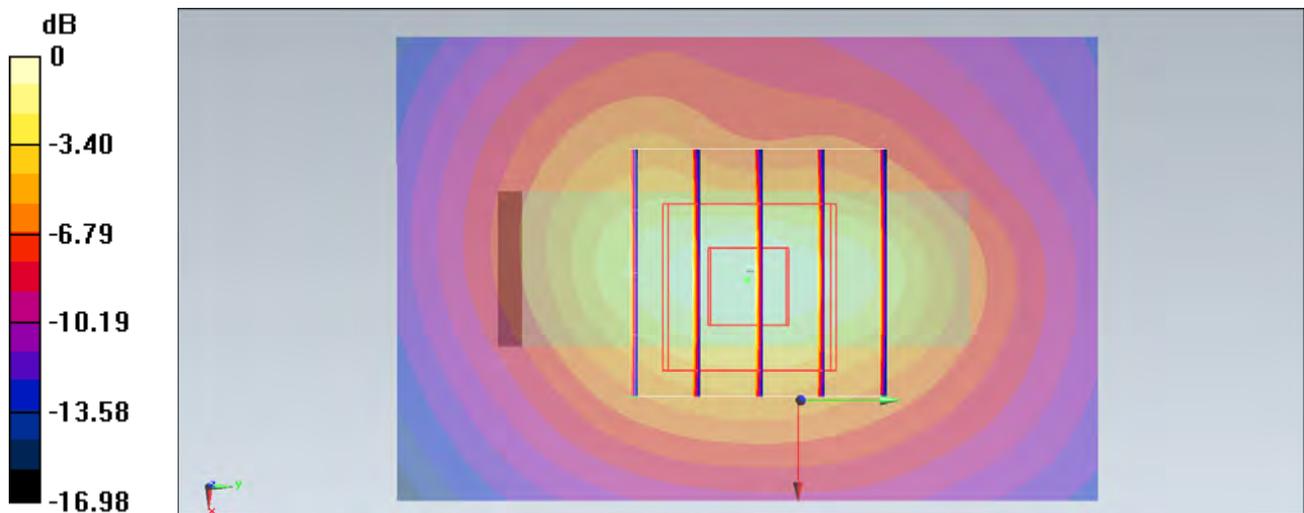Maximum value of SAR (interpolated) = 1.02 mW/g

Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 27.722 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.339 mW/g
SAR(1 g) = 0.813 mW/g; SAR(10 g) = 0.441 mW/g
Maximum value of SAR (measured) = 1.00 mW/g

0 dB = 1.00 mW/g = 0.00 dB mW/g

#34_LTE Band 4_20M_QPSK 1RB 49offset_Right Side_1cm_Ch20050

DUT: 292704

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used: f = 1720 MHz; σ = 1.453 mho/m; $ε_r$ = 52.518; ρ
= 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20050/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.979 mW/g

Configuration/Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.217 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.295 mW/g
SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 0.979 mW/g
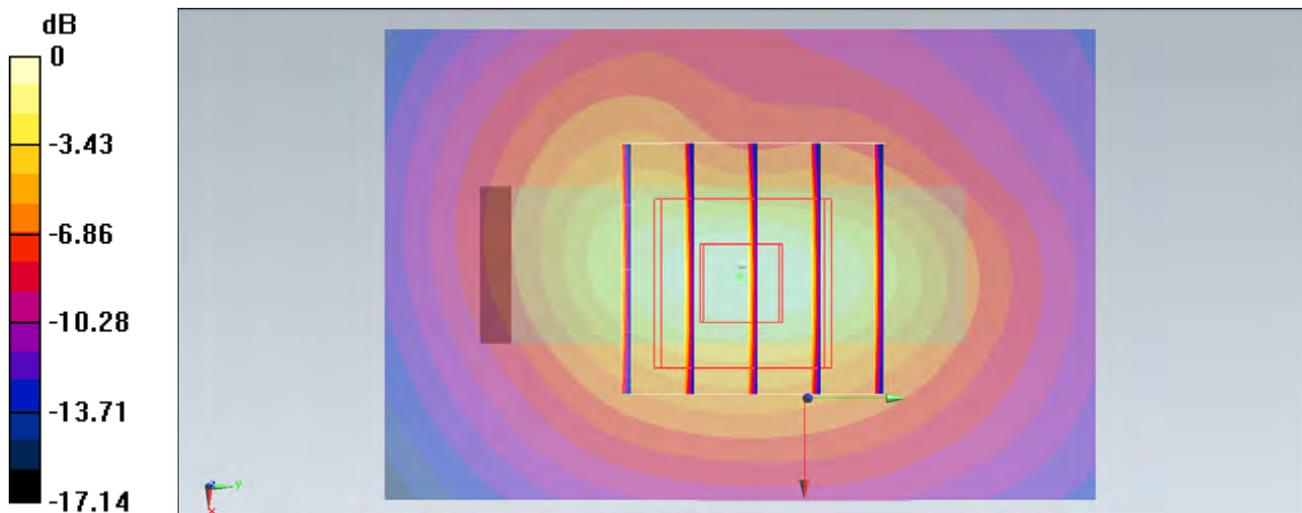
0 dB = 0.979 mW/g = -0.18 dB mW/g

#35_LTE Band 4_20M_QPSK 1RB 49offset_Right Side_1cm_Ch20300

DUT: 292704

Communication System: LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used: f = 1745 MHz; σ = 1.471 mho/m; ε_r = 52.385; ρ

= 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20300/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
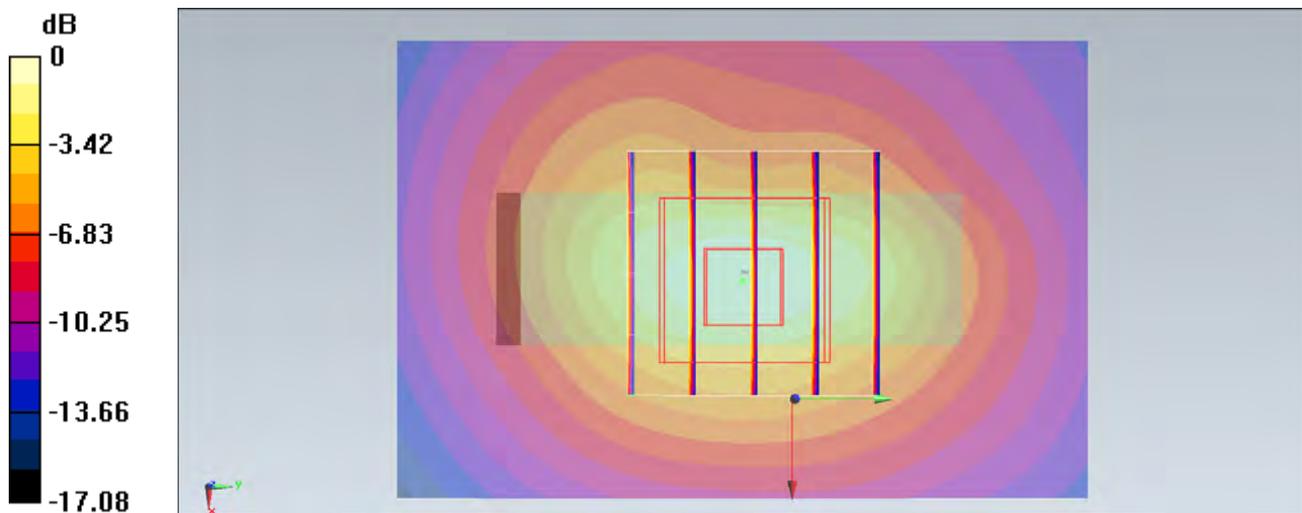Maximum value of SAR (interpolated) = 1.00 mW/g

Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.349 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.333 mW/g
SAR(1 g) = 0.804 mW/g; SAR(10 g) = 0.435 mW/g
Maximum value of SAR (measured) = 1.00 mW/g

0 dB = 1.00 mW/g = 0.00 dB mW/g

#36_LTE Band 4_20M_QPSK 50RB 24offset_Right Side_1cm_Ch20175

DUT: 292704

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1732.5 MHz; σ = 1.458 mho/m; ε_r = 52.445;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
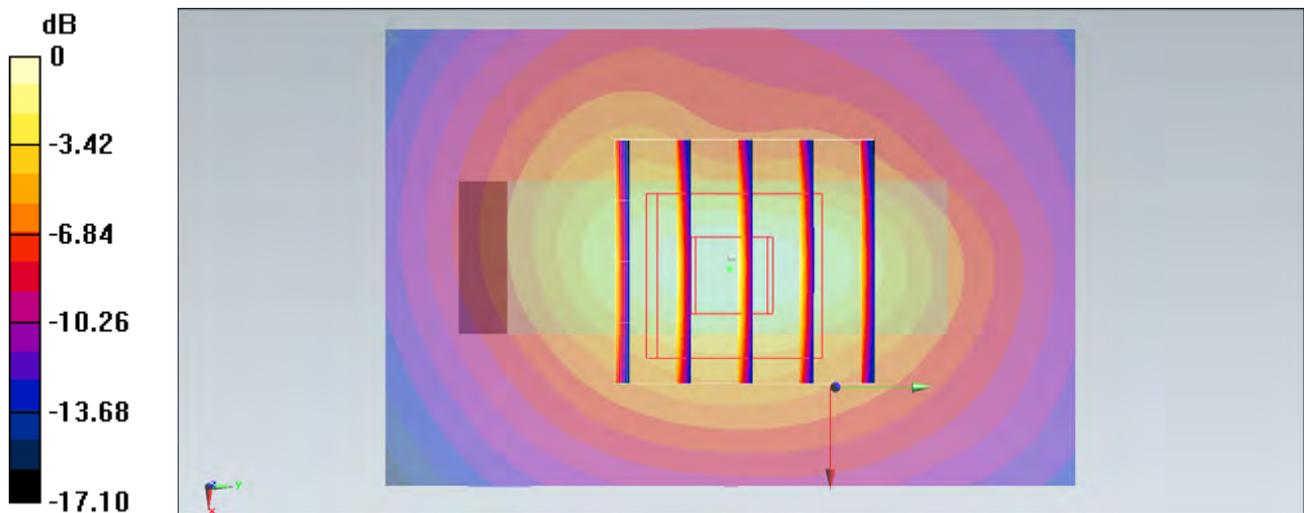Maximum value of SAR (interpolated) = 0.766 mW/g

Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 24.153 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.021 mW/g
SAR(1 g) = 0.617 mW/g; SAR(10 g) = 0.331 mW/g
Maximum value of SAR (measured) = 0.766 mW/g

0 dB = 0.766 mW/g = -2.32 dB mW/g

#37_LTE Band 4_20M_QPSK 100RB 0offset_Right Side_1cm_Ch20175

DUT: 292704

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1732.5 MHz; σ = 1.458 mho/m; $ε_r$ = 52.445;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
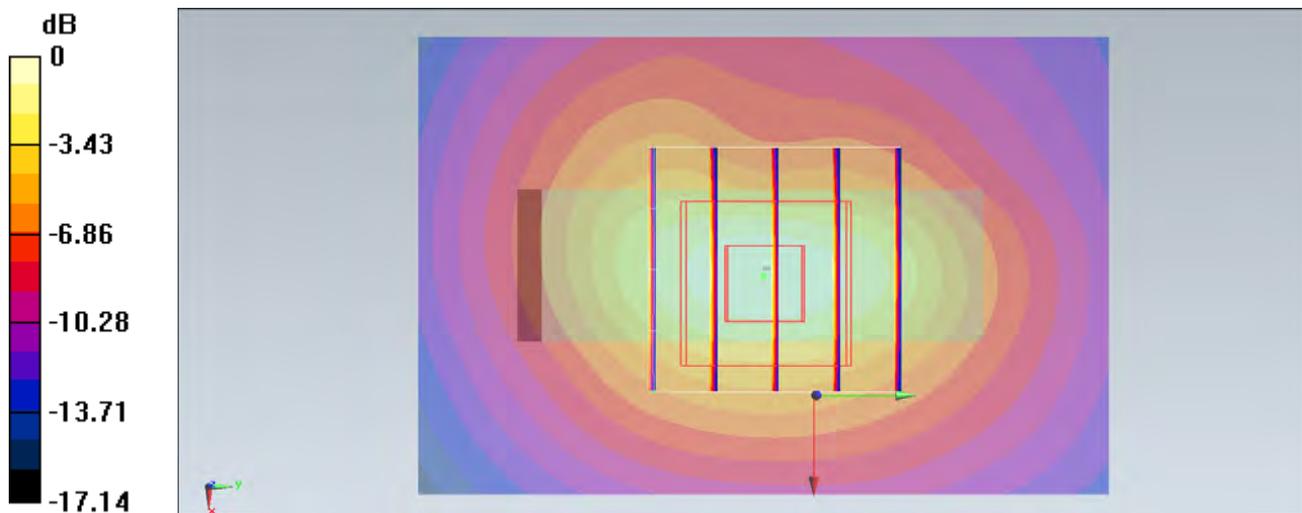Maximum value of SAR (interpolated) = 0.768 mW/g

Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.076 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.025 mW/g
SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.334 mW/g
Maximum value of SAR (measured) = 0.767 mW/g

0 dB = 0.767 mW/g = -2.30 dB mW/g

#38_LTE Band 4_20M_QPSK 1RB 49offset_Top Side_1cm_Ch20175

DUT: 292704

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1732.5 MHz; σ = 1.458 mho/m; ε_r = 52.445;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
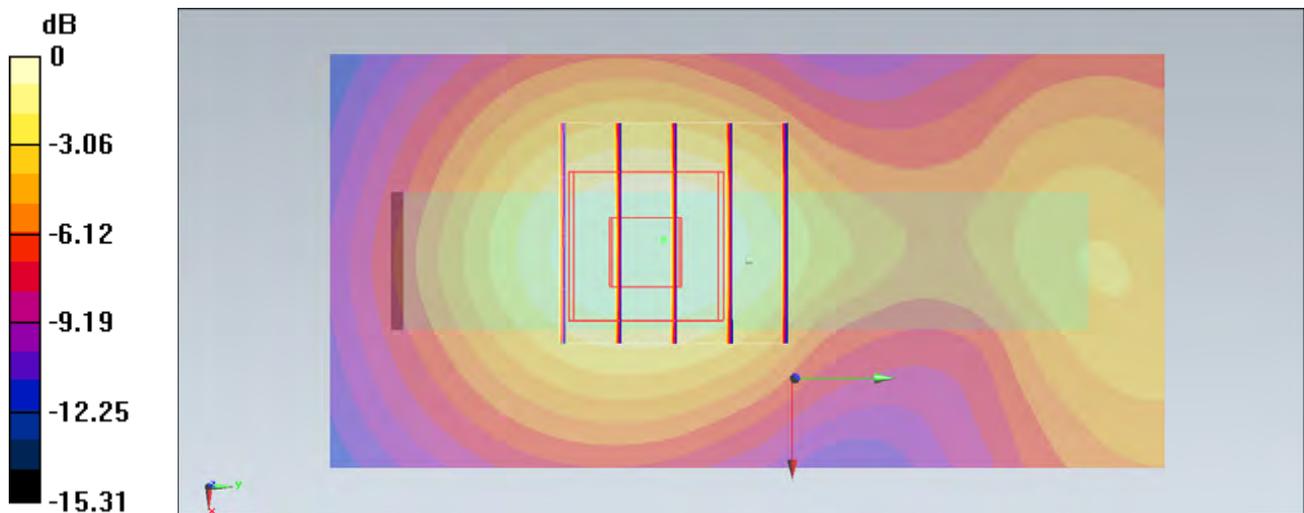Maximum value of SAR (interpolated) = 0.290 mW/g

Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.469 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.374 mW/g
SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.147 mW/g
Maximum value of SAR (measured) = 0.279 mW/g

0 dB = 0.279 mW/g = -11.09 dB mW/g

#39_LTE Band 4_20M_QPSK 50RB 24offset_Top Side_1cm_Ch20175

DUT: 292704

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1732.5 MHz; σ = 1.458 mho/m; ε_r = 52.445;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
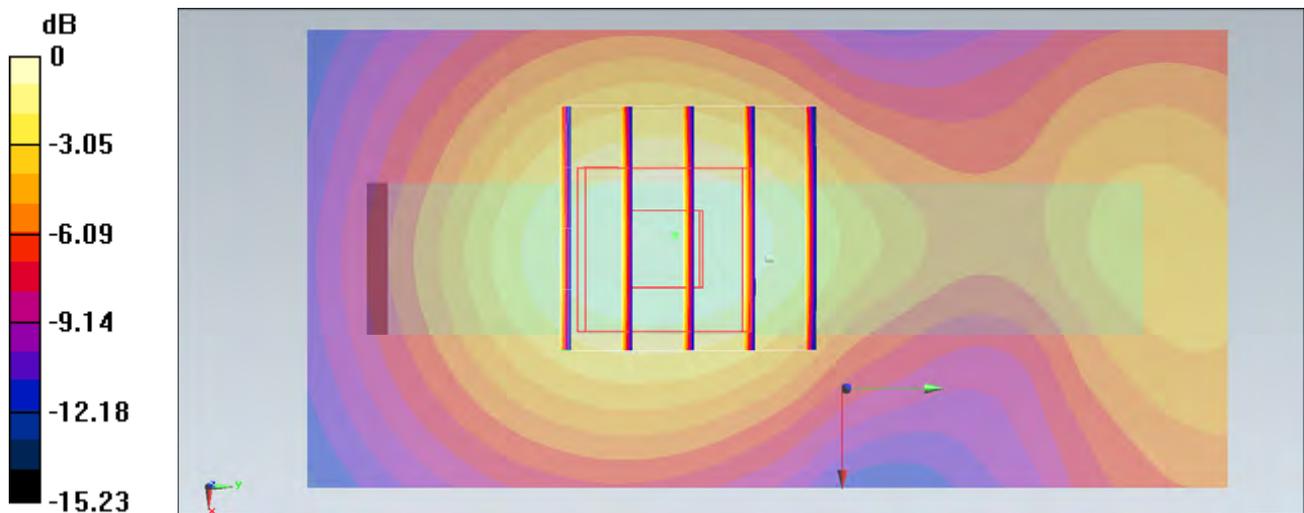Maximum value of SAR (interpolated) = 0.232 mW/g

Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.032 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.302 mW/g
SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.224 mW/g

0 dB = 0.224 mW/g = -13.00 dB mW/g

#40_LTE Band 4_20M_QPSK 100RB 0offset_Top Side_1cm_Ch20175

DUT: 292704

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1732.5 MHz; σ = 1.458 mho/m; ε_r = 52.445;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
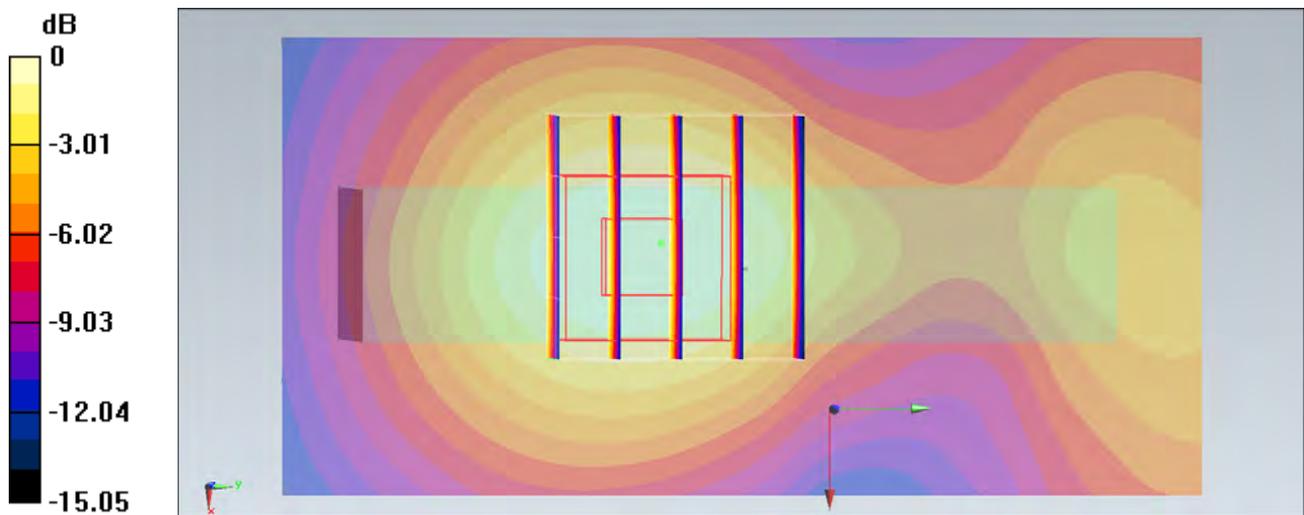Maximum value of SAR (interpolated) = 0.228 mW/g

Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 12.958 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.304 mW/g
SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.117 mW/g
Maximum value of SAR (measured) = 0.222 mW/g

0 dB = 0.222 mW/g = -13.07 dB mW/g

#41_LTE Band 4_20M_QPSK 1RB 49offset_Bottom Side_1cm_Ch20175

DUT: 292704

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1732.5 MHz; σ = 1.458 mho/m; ε_r = 52.445;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
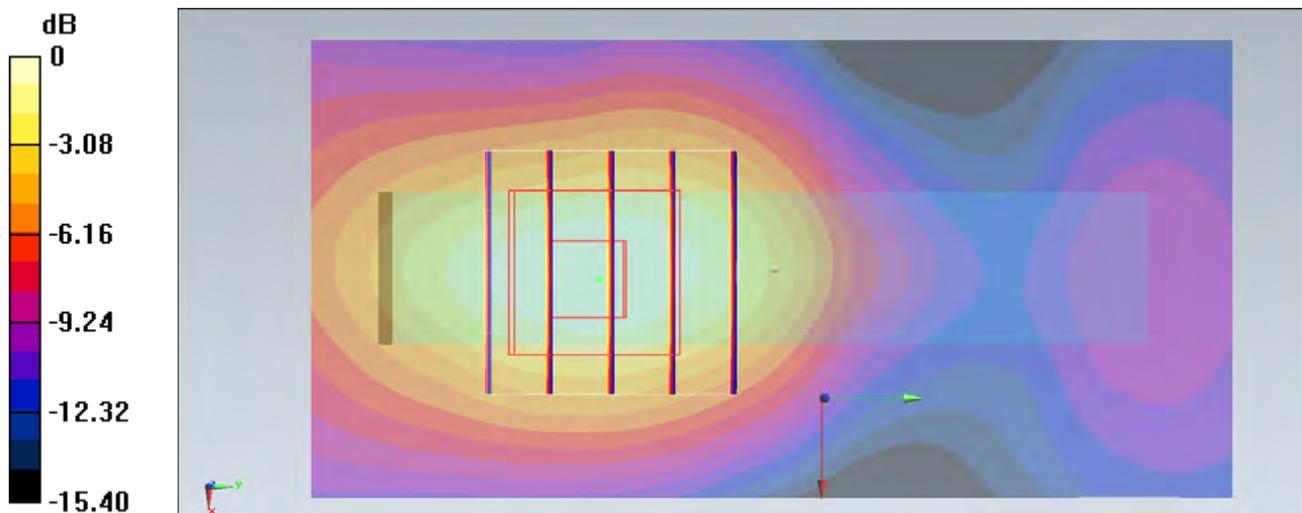Maximum value of SAR (interpolated) = 0.391 mW/g

Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 16.852 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.509 mW/g
SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.183 mW/g
Maximum value of SAR (measured) = 0.380 mW/g

0 dB = 0.380 mW/g = -8.40 dB mW/g

#42_LTE Band 4_20M_QPSK 50RB 24offset_Bottom Side_1cm_Ch20175

DUT: 292704

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1732.5 MHz; σ = 1.458 mho/m; ε_r = 52.445;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
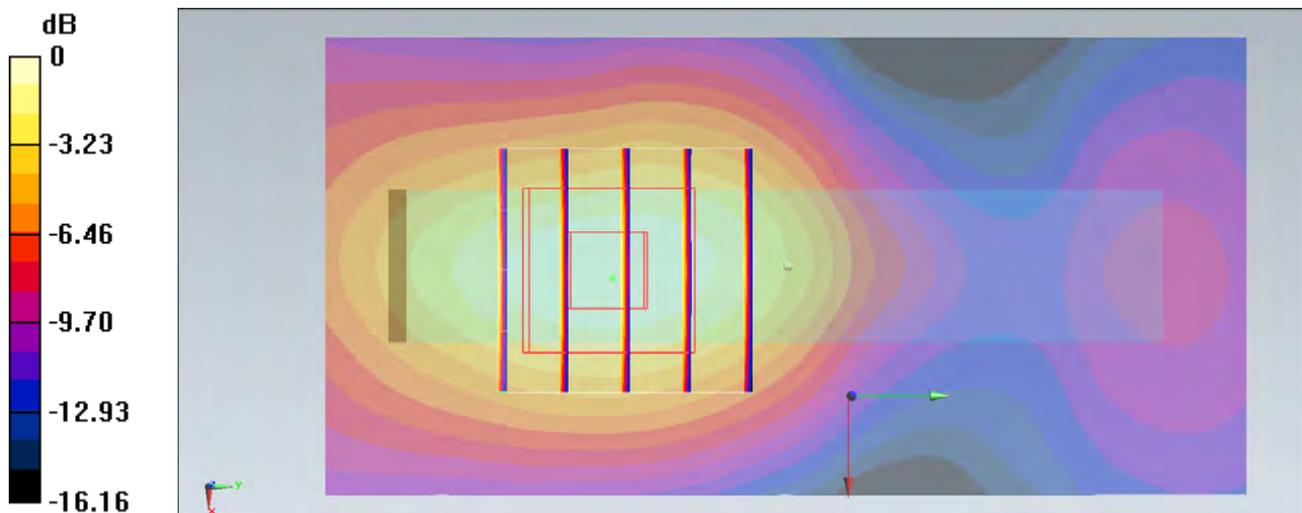Maximum value of SAR (interpolated) = 0.292 mW/g

Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.674 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.385 mW/g
SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.138 mW/g
Maximum value of SAR (measured) = 0.288 mW/g

0 dB = 0.288 mW/g = -10.81 dB mW/g

#43_LTE Band 4_20M_QPSK 100RB 0offset_Bottom Side_1cm_Ch20175

DUT: 292704

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_121130 Medium parameters used : f = 1732.5 MHz; σ = 1.458 mho/m; ε_r = 52.445;

ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
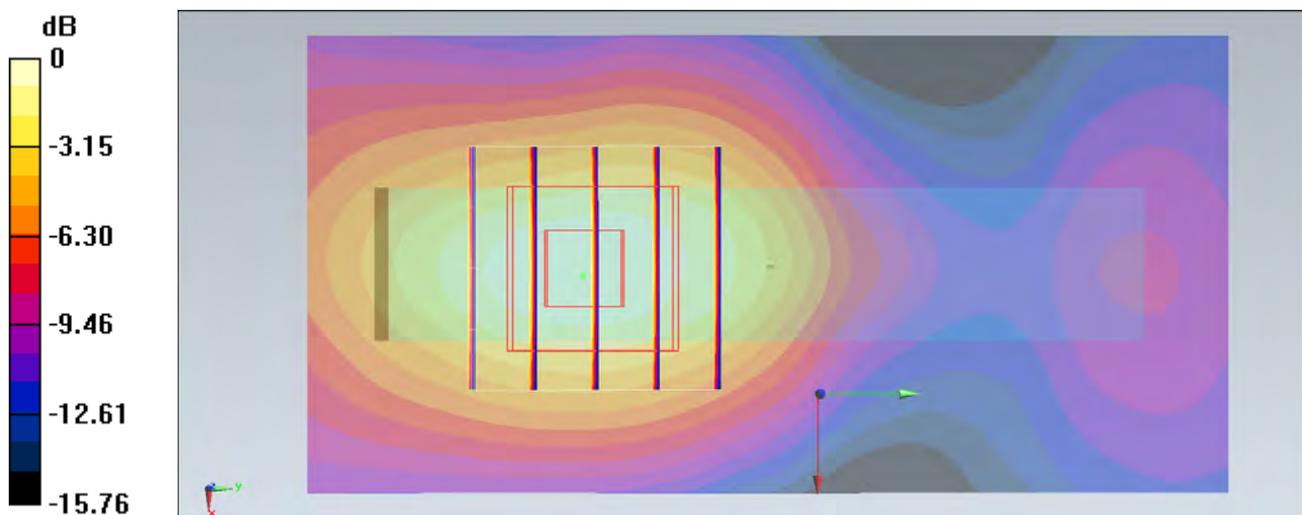Maximum value of SAR (interpolated) = 0.287 mW/g

Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.597 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.382 mW/g
SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.136 mW/g
Maximum value of SAR (measured) = 0.286 mW/g

0 dB = 0.286 mW/g = -10.87 dB mW/g

#53_WLAN2.4G_802.11b_Front_1cm_Ch11

DUT: 292704

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_121204 Medium parameters used: f = 2462 MHz; σ = 2.036 mho/m; ε_r = 52.253; ρ
= 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.278 mW/g

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,
dz=5mm
Reference Value = 11.839 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.377 mW/g
SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.118 mW/g
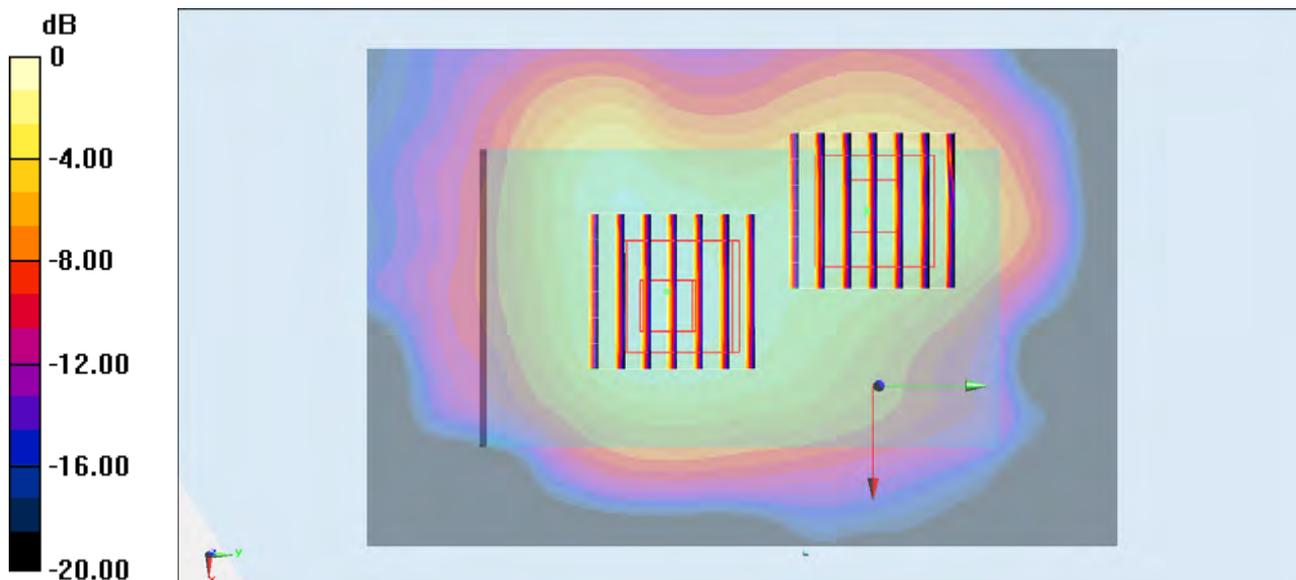Maximum value of SAR (measured) = 0.286 mW/g

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm,
dz=5mm
Reference Value = 11.839 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.909 mW/g
SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.076 mW/g
Maximum value of SAR (measured) = 0.321 mW/g

0 dB = 0.321 mW/g = -9.87 dB mW/g

#54_WLAN2.4G_802.11b_Back_1cm_Ch11

DUT: 292704

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_121204 Medium parameters used: f = 2462 MHz; σ = 2.036 mho/m; $ε_r$ = 52.253; ρ

= 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm
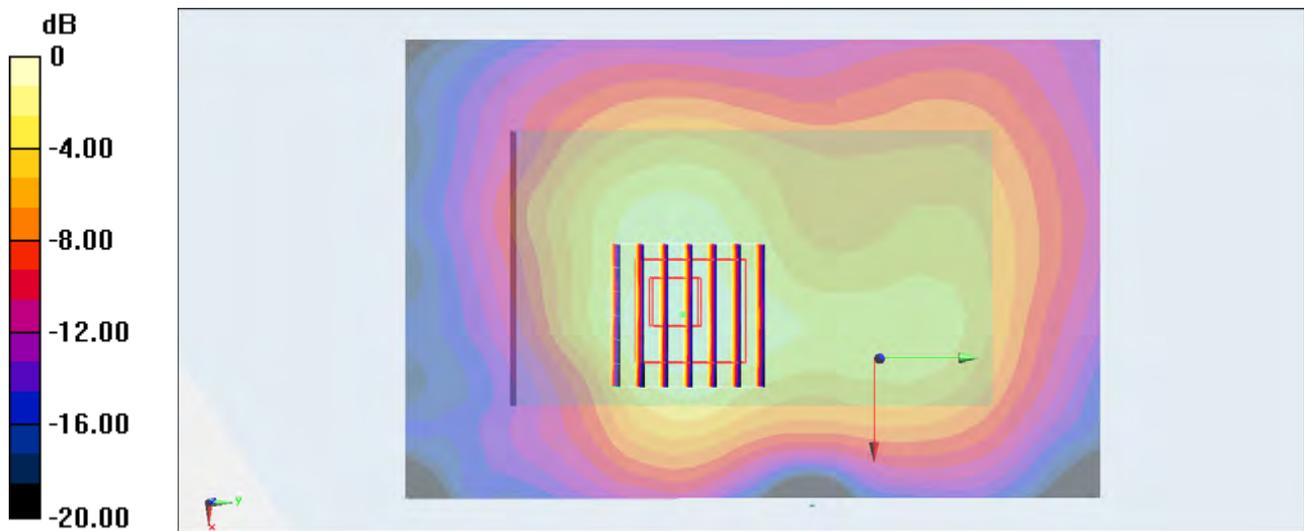Maximum value of SAR (interpolated) = 0.294 mW/g

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.886 V/m; Power Drift = -0.135 dB
Peak SAR (extrapolated) = 0.365 mW/g
SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.105 mW/g
Maximum value of SAR (measured) = 0.277 mW/g

0 dB = 0.277 mW/g = -11.15 dB mW/g

#55_WLAN2.4G_802.11b_Left Side_1cm_Ch11

DUT: 292704

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_121204 Medium parameters used: f = 2462 MHz; σ = 2.036 mho/m; ε_r = 52.253; ρ

= 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch11/Area Scan (61x71x1): Measurement grid: dx=12mm, dy=12mm
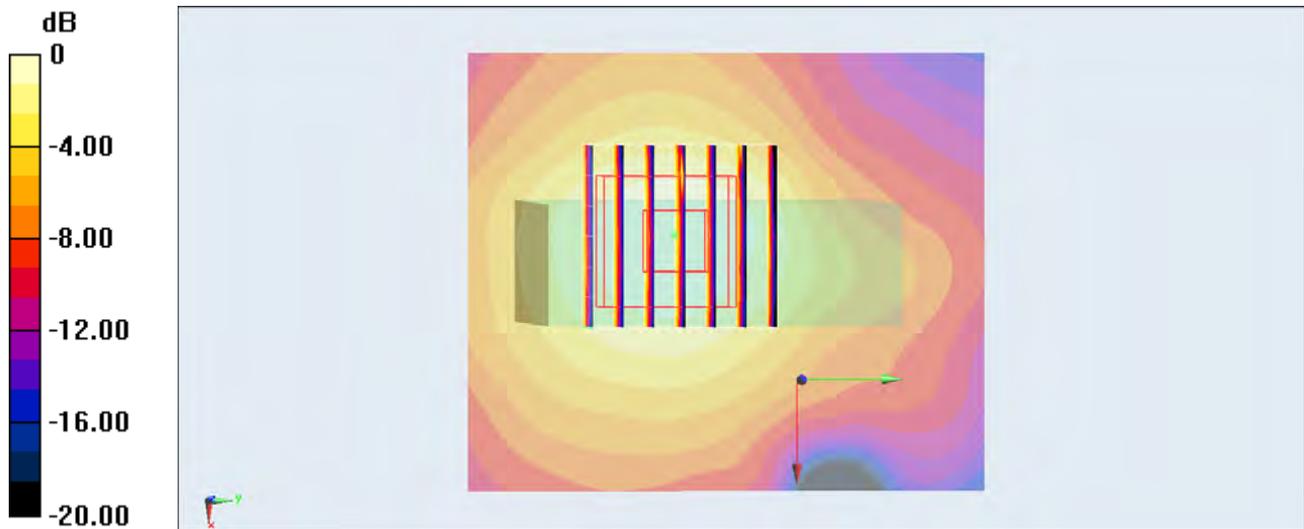Maximum value of SAR (interpolated) = 0.142 mW/g

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,
dz=5mm
Reference Value = 8.357 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.186 mW/g
SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.137 mW/g

0 dB = 0.137 mW/g = -17.27 dB mW/g

#57_WLAN2.4G_802.11b_Top Side_1cm_Ch11

DUT: 292704

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_121204 Medium parameters used: f = 2462 MHz; σ = 2.036 mho/m; $ε_r$ = 52.253; ρ

= 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch11/Area Scan (61x91x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.459 mW/g

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.656 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 0.491 mW/g
SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.136 mW/g
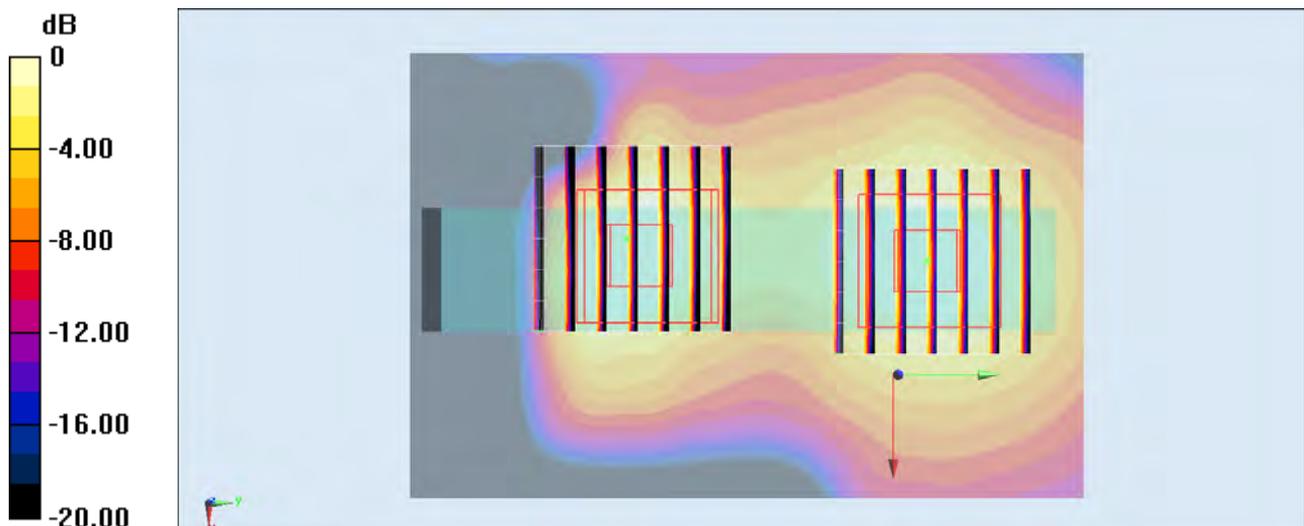Maximum value of SAR (measured) = 0.376 mW/g

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.656 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 0.511 mW/g
SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.370 mW/g

0 dB = 0.370 mW/g = -8.64 dB mW/g

#59_WLAN2.4G_802.11g_Top Side_1cm_Ch1

DUT: 292704

Communication System: 802.11g; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_121204 Medium parameters used: f = 2412 MHz; σ = 1.965 mho/m; ε_r = 52.487; ρ

= 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1/Area Scan (61x91x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.271 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,
dz=5mm
Reference Value = 11.663 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.338 mW/g
SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.096 mW/g
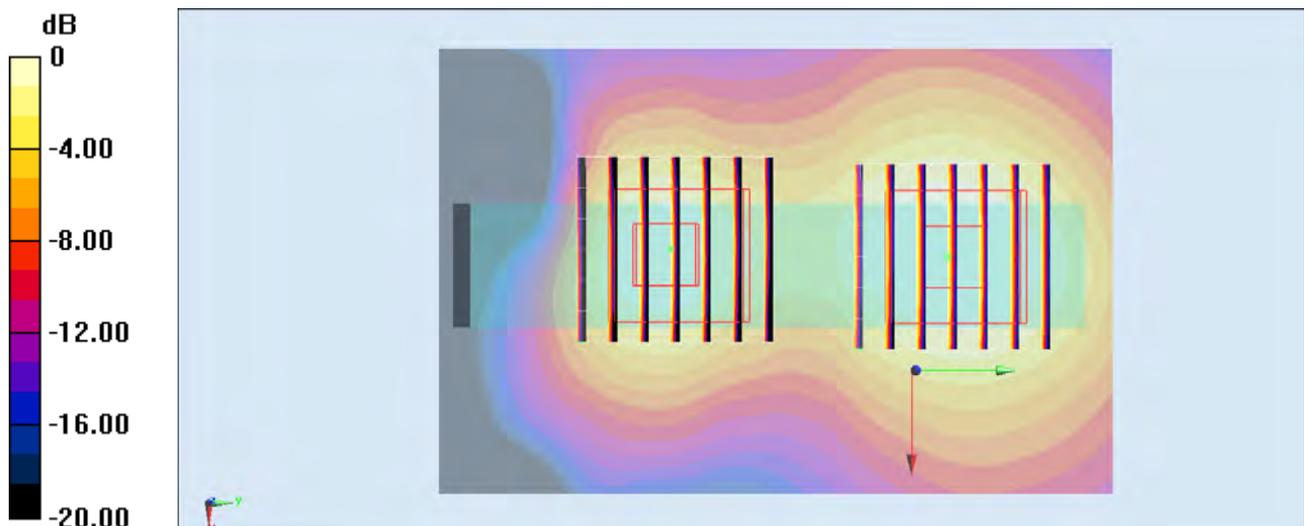Maximum value of SAR (measured) = 0.258 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm,
dz=5mm
Reference Value = 11.663 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.310 mW/g
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.068 mW/g
Maximum value of SAR (measured) = 0.230 mW/g

0 dB = 0.230 mW/g = -12.77 dB mW/g