System Check_Head_835MHz_130827

DUT: D835V2-SN:499

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_850_130827 Medium parameters used: f = 835 MHz; σ = 0.89 S/m; ε_r = 41.011; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
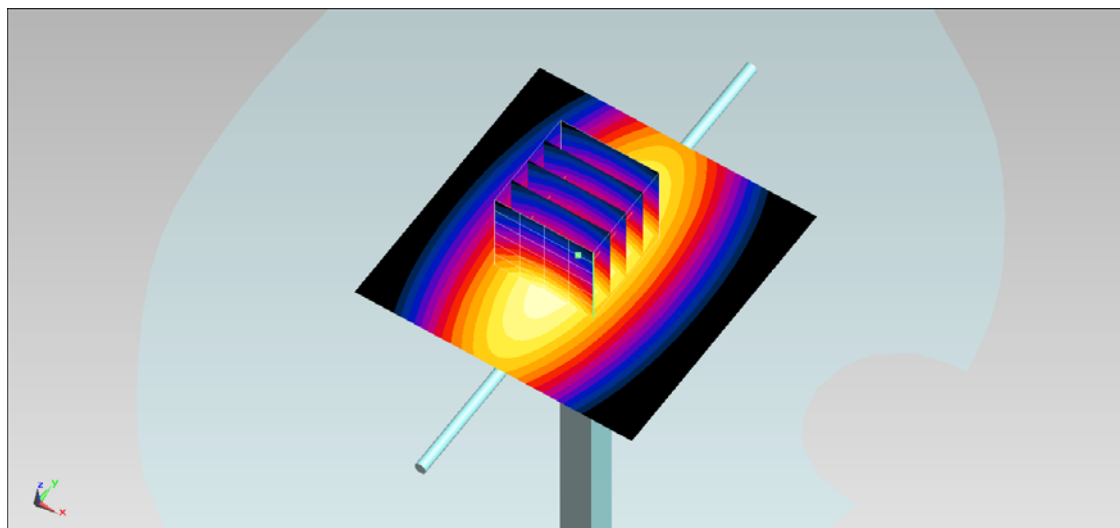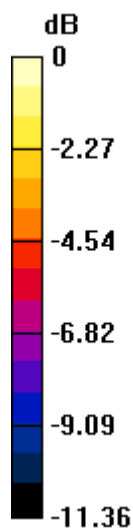Maximum value of SAR (interpolated) = 2.93 W/kg

Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 59.267 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.74 W/kg
SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.6 W/kg
Maximum value of SAR (measured) = 2.92 W/kg

0 dB = 2.92 W/kg = 4.65 dBW/kg

System Check_Head_835MHz_130829

DUT: D835V2-SN:499

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_850_130829 Medium parameters used: f = 835 MHz; σ = 0.924 mho/m; ε_r = 40.958; ρ = 1000 kg/m^3
Ambient Temperature：23.7℃；Liquid Temperature：22.7℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(8.86, 8.86, 8.86); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 3.55 mW/g

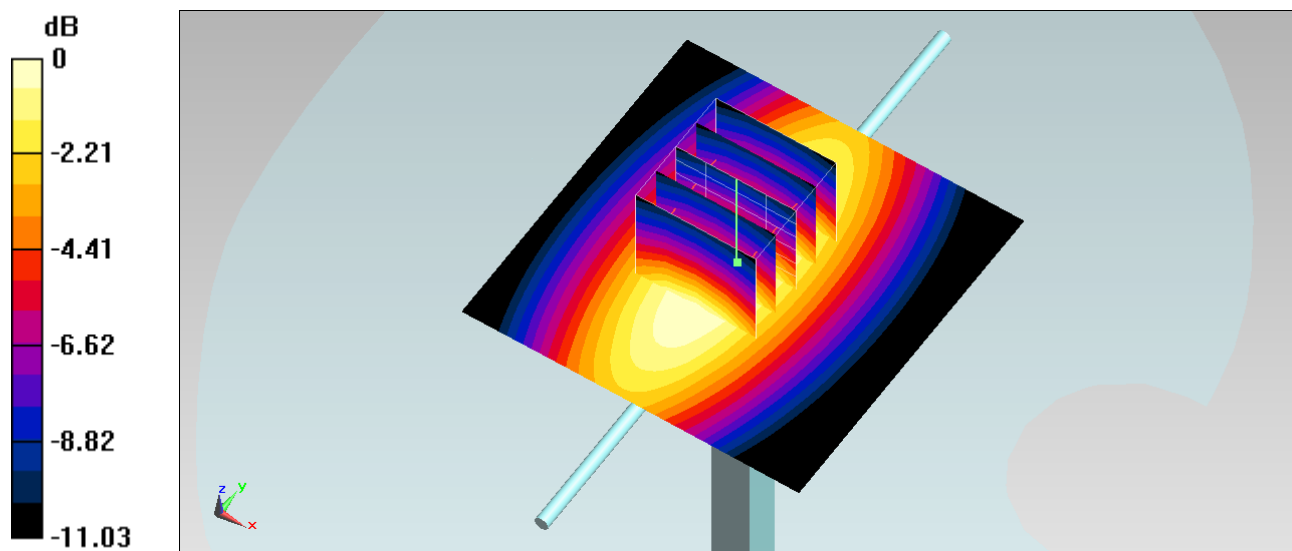**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 62.616 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 3.954 mW/g
SAR(1 g) = 2.58 mW/g; SAR(10 g) = 1.68 mW/g
Maximum value of SAR (measured) = 3.31 mW/g

0 dB = 3.31 mW/g = 10.40 dB mW/g

System Check_Body_835MHz_130828

DUT: D835V2-SN:499

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_130828 Medium parameters used: f = 835 MHz; σ = 0.963 S/m; ε_r = 54.541; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(10.02, 10.02, 10.02); Calibrated: 2013/6/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
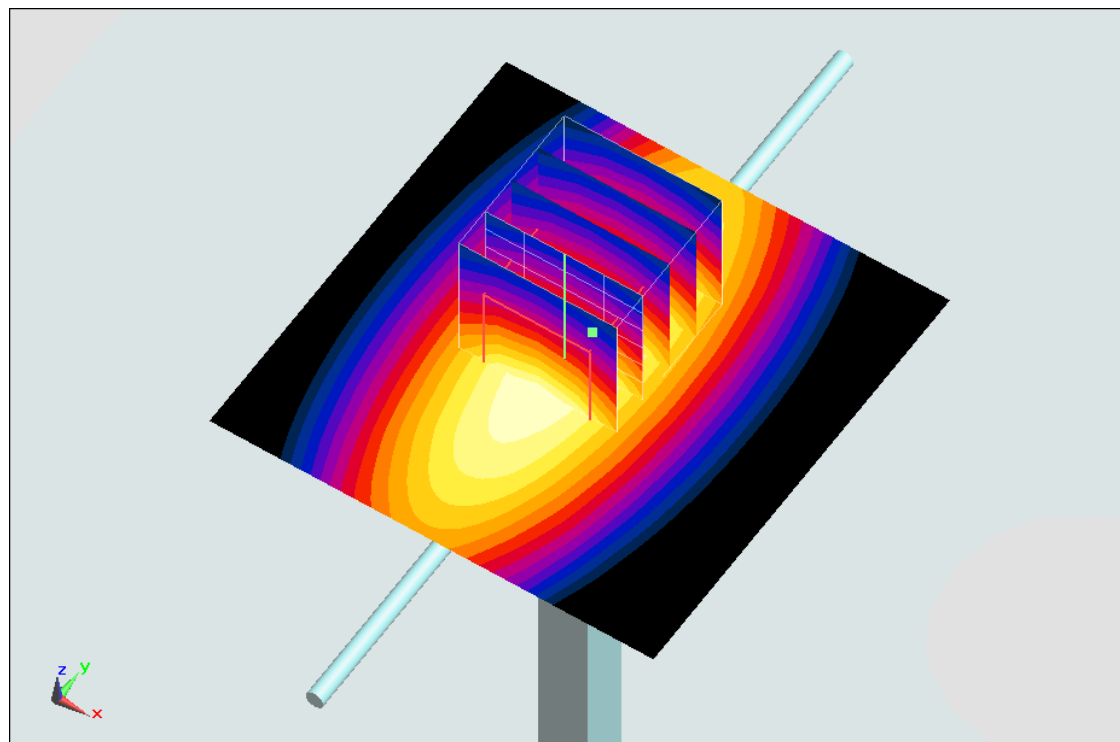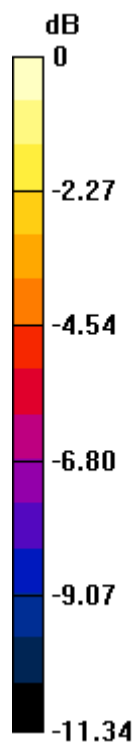Maximum value of SAR (interpolated) = 3.01 W/kg

Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.247 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 3.52 W/kg
SAR(1 g) = 2.4 W/kg; SAR(10 g) = 1.59 W/kg
Maximum value of SAR (measured) = 3.01 W/kg

0 dB = 3.01 W/kg = 4.79 dBW/kg

System Check_Body_835MHz_130829

DUT: D835V2-SN:499

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_130829 Medium parameters used: f = 835 MHz; σ = 0.96 S/m; ε_r = 54.539; ρ =

1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
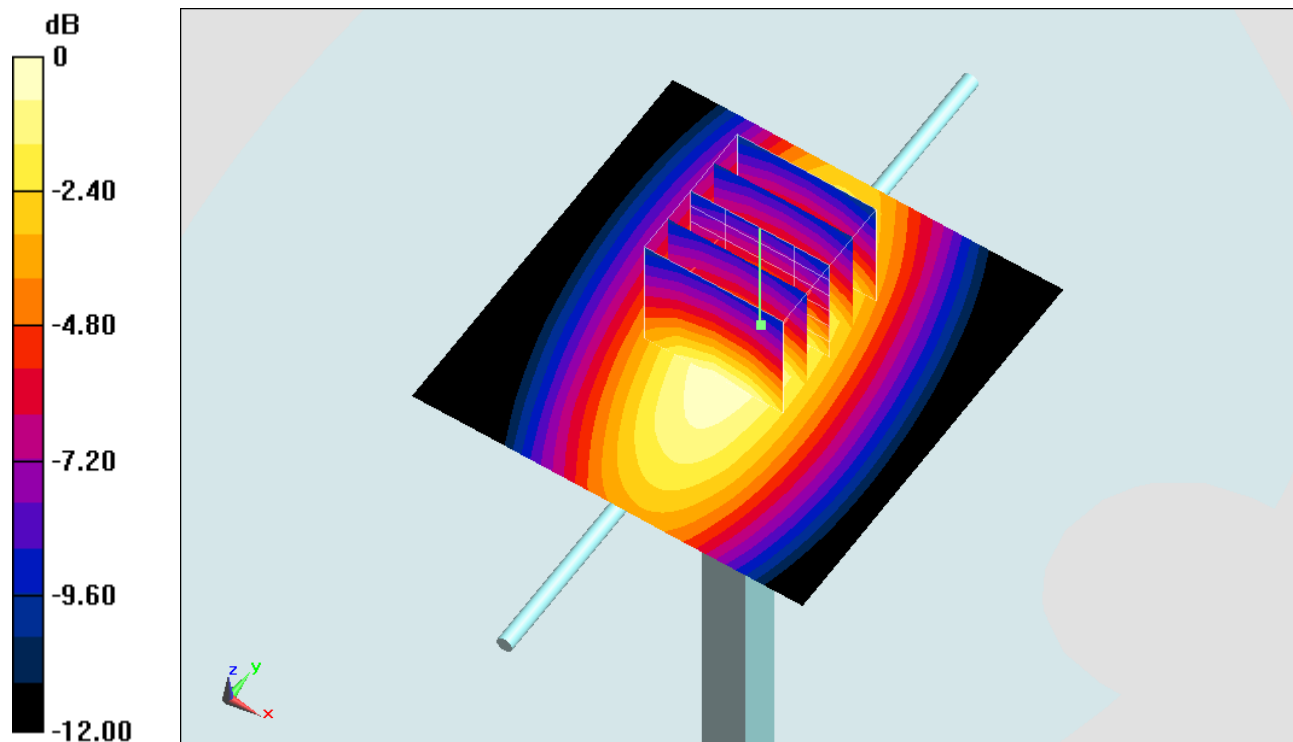Maximum value of SAR (interpolated) = 2.69 W/kg

Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 54.328 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.38 W/kg
SAR(1 g) = 2.32 W/kg; SAR(10 g) = 1.53 W/kg
Maximum value of SAR (measured) = 2.70 W/kg

0 dB = 2.70 W/kg = 4.31 dBW/kg

System Check_Body_835MHz_130830

DUT: D835V2-SN:499

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_130830 Medium parameters used: f = 835 MHz; σ = 0.976 mho/m; ε_r = 52.883; ρ = 1000 kg/m^3
Ambient Temperature：23.6℃；Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.81 mW/g

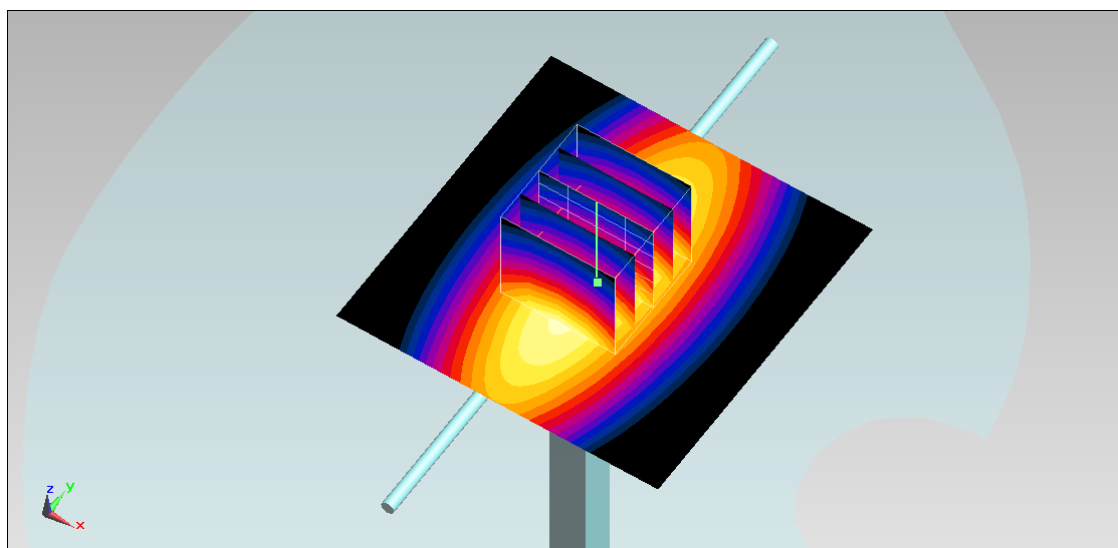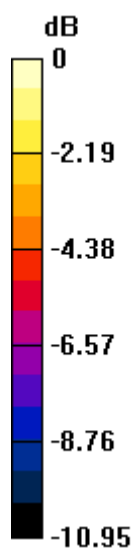**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 54.511 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.508 mW/g
SAR(1 g) = 2.32 mW/g; SAR(10 g) = 1.5 mW/g
Maximum value of SAR (measured) = 2.97 mW/g

0 dB = 2.97 mW/g = 9.46 dB mW/g

System Check_Head_1900MHz_130827

DUT: D1900V2-SN:5d041

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130827 Medium parameters used: f = 1900 MHz; σ = 1.436 S/m; ε_r = 41.25; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
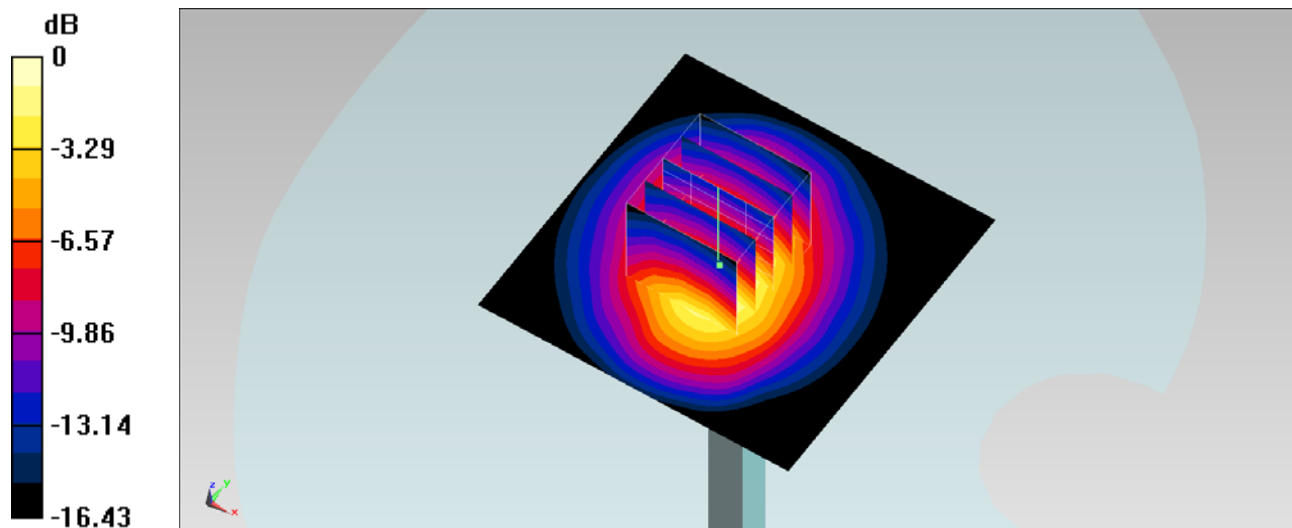Maximum value of SAR (interpolated) = 11.9 W/kg

Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 90.713 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 15.6 W/kg
SAR(1 g) = 9.6 W/kg; SAR(10 g) = 5.37 W/kg
Maximum value of SAR (measured) = 11.8 W/kg

0 dB = 11.8 W/kg = 10.72 dBW/kg

System Check_Body_1900MHz_130824

DUT: D1900V2-SN:5d041

Communication System:CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130824 Medium parameters used: f = 1900 MHz; σ = 1.517 S/m; ε_r = 53.129; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
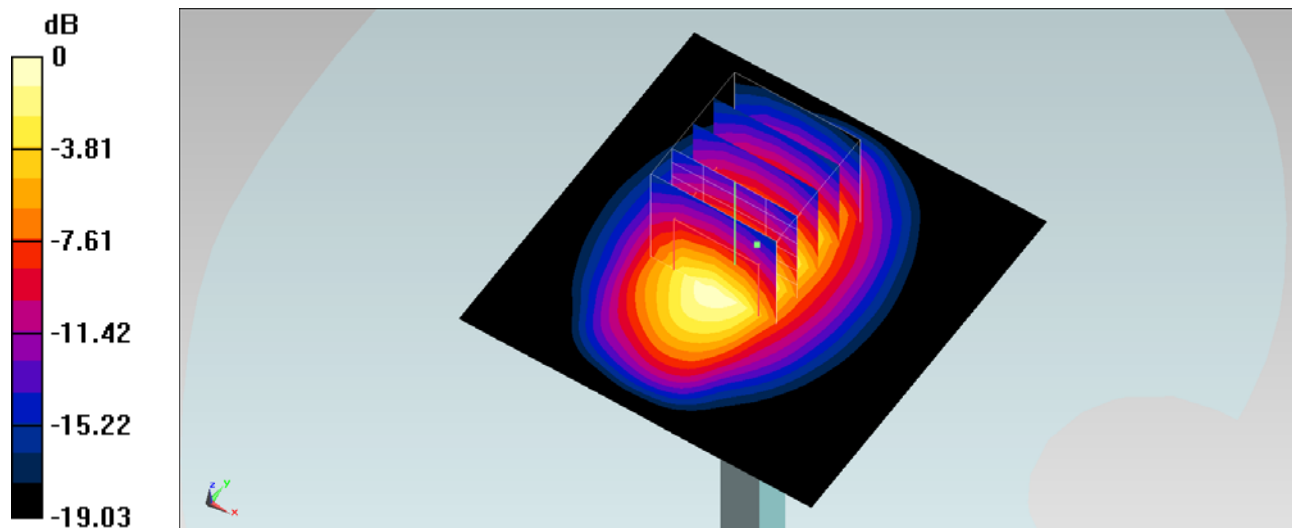Maximum value of SAR (interpolated) = 12.9 W/kg

Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 89.989 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 17.2 W/kg
SAR(1 g) = 9.54 W/kg; SAR(10 g) = 4.96 W/kg
Maximum value of SAR (measured) = 12.0 W/kg

0 dB = 12.0 W/kg = 10.79 dBW/kg

System Check_Head_2450MHz_130830

DUT: D2450V2-SN:869

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130830 Medium parameters used: f = 2450 MHz; σ = 1.842 S/m; ε_r = 38.618; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.25, 7.25, 7.25); Calibrated: 2013/6/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
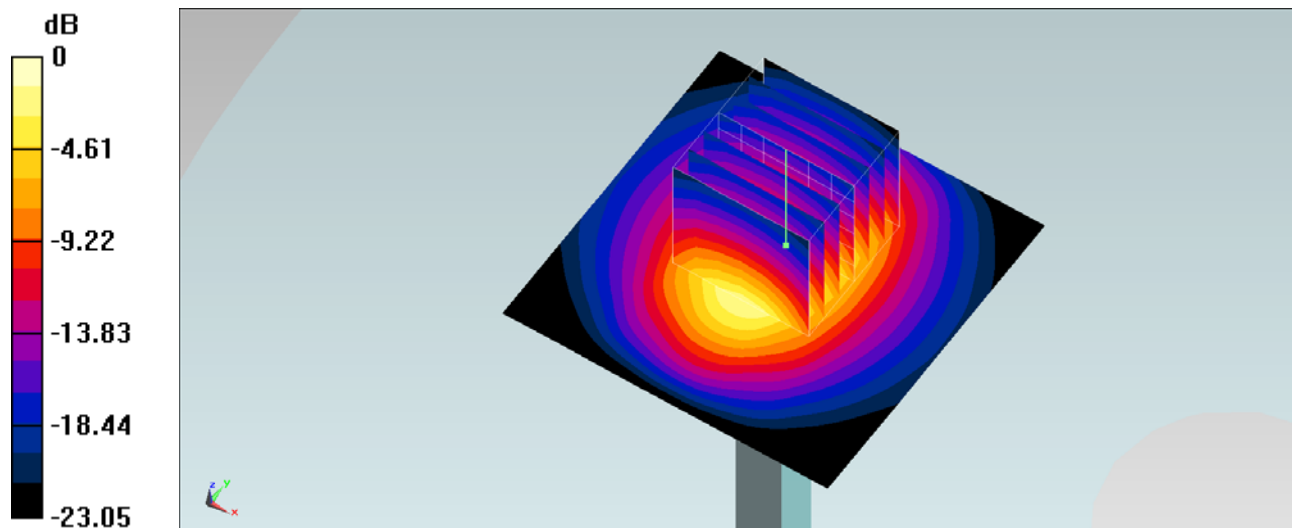Maximum value of SAR (interpolated) = 22.6 W/kg

Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 105.3 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 28.7 W/kg
SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.11 W/kg
Maximum value of SAR (measured) = 20.4 W/kg

0 dB = 20.4 W/kg = 13.10 dBW/kg

System Check_Body_2450MHz_130830

DUT: D2450V2-SN:869

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130830 Medium parameters used: f = 2450 MHz; σ = 1.975 S/m; ε_r = 52.379; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃；Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
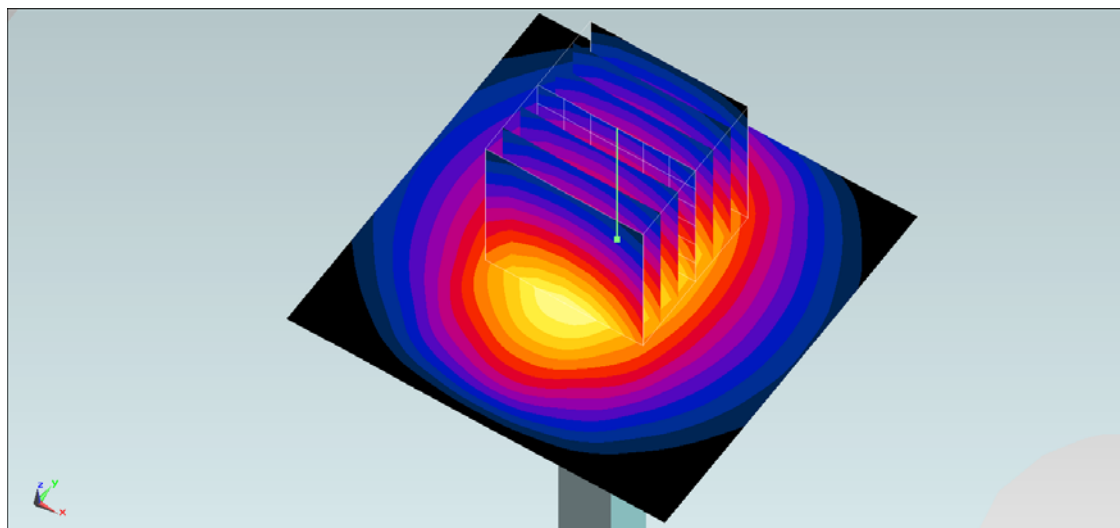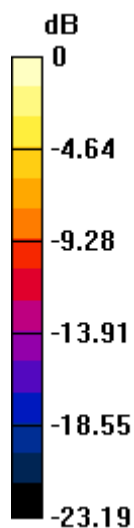Maximum value of SAR (interpolated) = 21.5 W/kg

Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 98.763 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 28.3 W/kg
SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.88 W/kg
Maximum value of SAR (measured) = 19.7 W/kg

0 dB = 19.7 W/kg = 12.94 dBW/kg

System Check_Head_5200MHz_130830

DUT: D5GHzV2-SN:1128

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130830 Medium parameters used: f = 5200 MHz; σ = 4.513 S/m; ε_r = 37.508; ρ =

1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.25, 5.25, 5.25); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
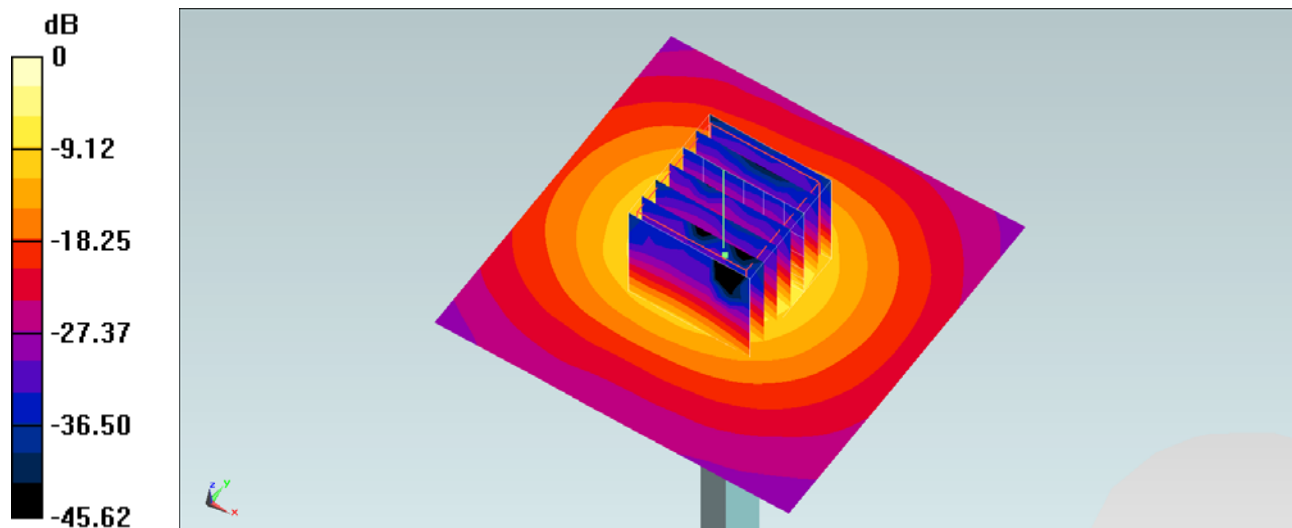Maximum value of SAR (interpolated) = 20.9 W/kg

Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 43.855 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 46.2 W/kg
SAR(1 g) = 7.57 W/kg; SAR(10 g) = 2.02 W/kg
Maximum value of SAR (measured) = 20.5 W/kg

0 dB = 20.5 W/kg = 13.12 dBW/kg

System Check_Body_5200MHz_130901

DUT: D5GHzV2-SN:1128

Communication System:CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130901 Medium parameters used: f = 5200 MHz; σ = 5.297 S/m; ε_r = 49.185; ρ =

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(4.41, 4.41, 4.41); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
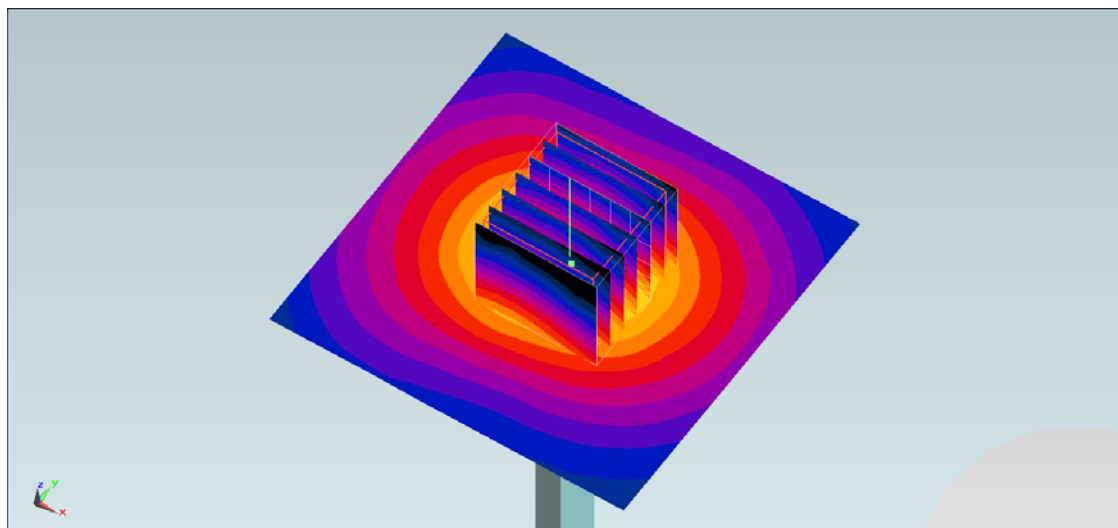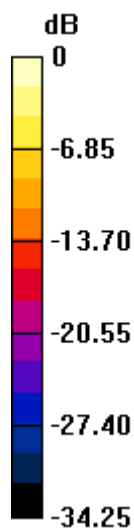Maximum value of SAR (interpolated) = 18.6 W/kg

Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 45.922 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 30.0 W/kg
SAR(1 g) = 7.41 W/kg; SAR(10 g) = 2.07 W/kg
Maximum value of SAR (measured) = 17.9 W/kg

0 dB = 17.9 W/kg = 12.53 dBW/kg

System Check_Head_5300MHz_130830

DUT: D5GHzV2-SN:1128

Communication System: CW; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130830 Medium parameters used: f = 5300 MHz; σ = 4.615 S/m; ε_r = 37.369; ρ =

1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.01, 5.01, 5.01); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
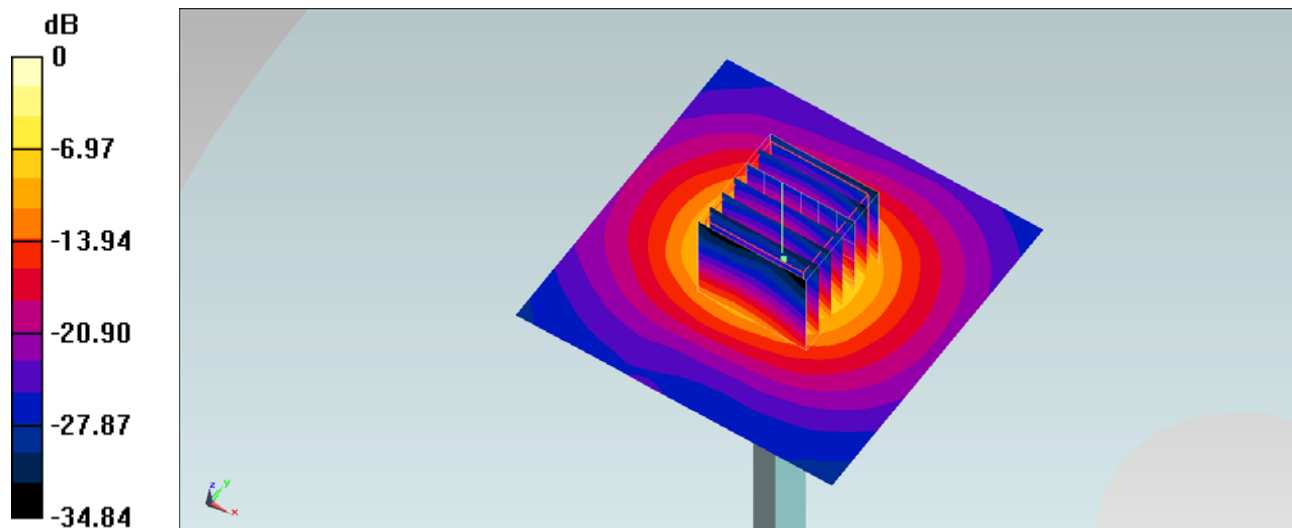Maximum value of SAR (interpolated) = 20.6 W/kg

Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 49.927 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 36.8 W/kg
SAR(1 g) = 8.49 W/kg; SAR(10 g) = 2.37 W/kg
Maximum value of SAR (measured) = 20.1 W/kg

0 dB = 20.1 W/kg = 13.03 dBW/kg

System Check_Body_5300MHz_130901

DUT: D5GHzV2-SN:1128

Communication System: CW; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130901 Medium parameters used: f = 5300 MHz; σ = 5.439 S/m; ε_r = 48.992; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(4.26, 4.26, 4.26); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.3 W/kg
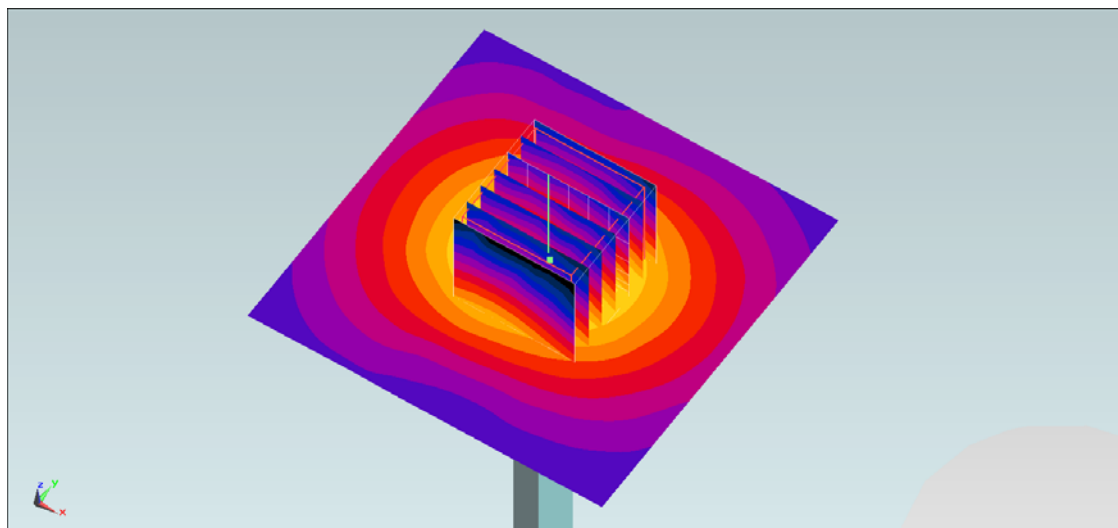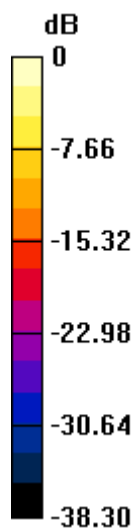
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 45.640 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 30.1 W/kg
SAR(1 g) = 7.35 W/kg; SAR(10 g) = 2.04 W/kg
Maximum value of SAR (measured) = 17.6 W/kg

0 dB = 17.6 W/kg = 12.46 dBW/kg

System Check_Head_5600MHz_130830

DUT: D5GHzV2-SN:1128

Communication System: CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130830 Medium parameters used: f = 5600 MHz; σ = 4.912 S/m; $ε_r$ = 36.936; ρ =
1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(4.73, 4.73, 4.73); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000
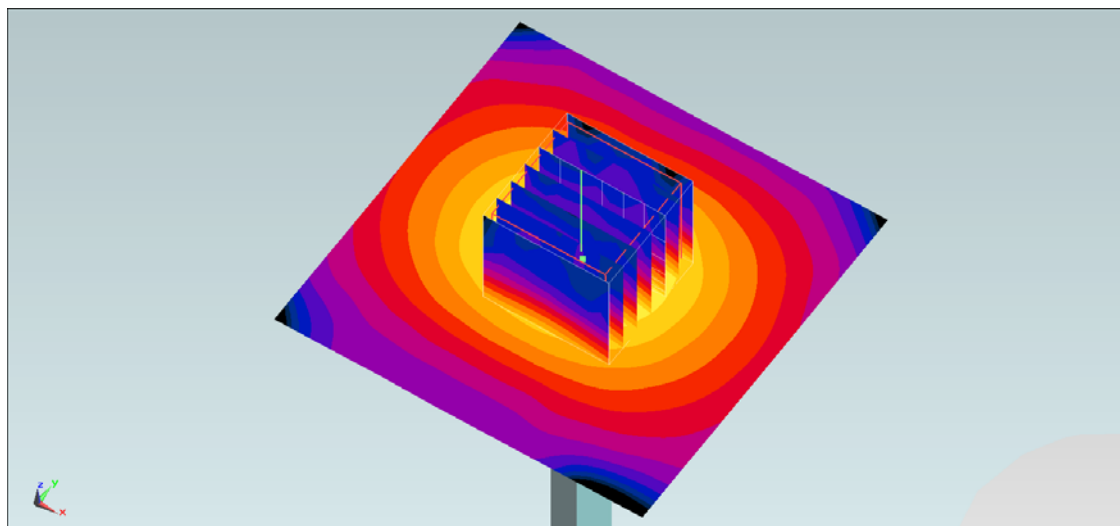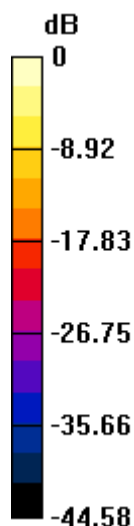mm
Maximum value of SAR (interpolated) = 24.2 W/kg

Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm,
dy=4mm, dz=1.4mm
Reference Value = 45.266 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 60.4 W/kg
SAR(1 g) = 8.22 W/kg; SAR(10 g) = 2.17 W/kg
Maximum value of SAR (measured) = 22.5 W/kg

0 dB = 22.5 W/kg = 13.52 dBW/kg

System Check_Body_5600MHz_130901

DUT: D5GHzV2-SN:1128

Communication System: CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130901 Medium parameters used: f = 5600 MHz; σ = 5.872 S/m; ε_r = 48.306; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(3.78, 3.78, 3.78); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
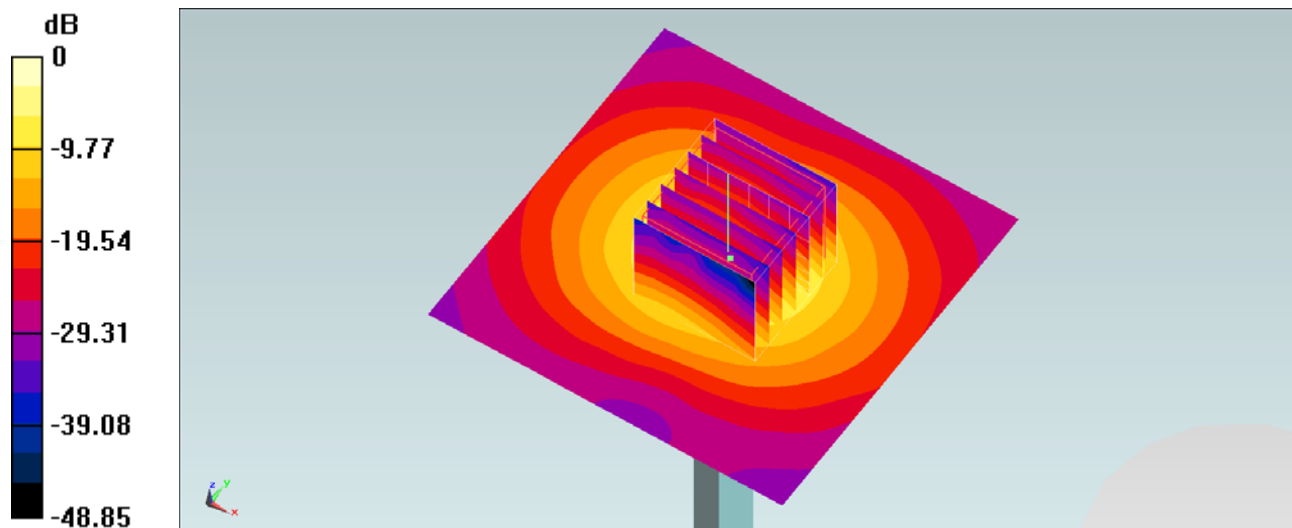Maximum value of SAR (interpolated) = 19.5 W/kg

Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 45.743 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 34.0 W/kg
SAR(1 g) = 7.92 W/kg; SAR(10 g) = 2.18 W/kg
Maximum value of SAR (measured) = 19.8 W/kg

0 dB = 19.8 W/kg = 12.97 dBW/kg