System Check_Head_750MHz_160318

DUT: D750V3-1012

Communication System: CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: HSL_750_160318 Medium parameters used: f = 750 MHz; σ = 0.901 mho/m; ε_r = 42.7; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(10.31, 10.31, 10.31); Calibrated: 2015/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.68 mW/g

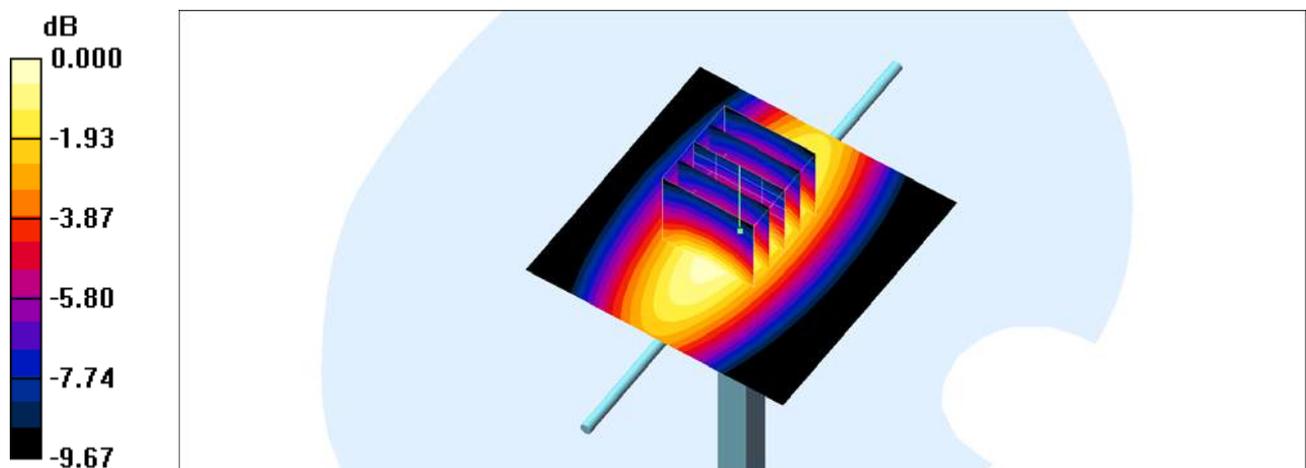**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.7 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 3.03 W/kg
SAR(1 g) = 2.14 mW/g; SAR(10 g) = 1.45 mW/g
Maximum value of SAR (measured) = 2.66 mW/g

0 dB = 2.66mW/g

System Check_Body_750MHz_160320

DUT: D750V3-1012

Communication System: CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: MSL_750_160320 Medium parameters used: f = 750 MHz; σ = 0.975 S/m; ε_r = 56.684; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.3, 6.3, 6.3); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
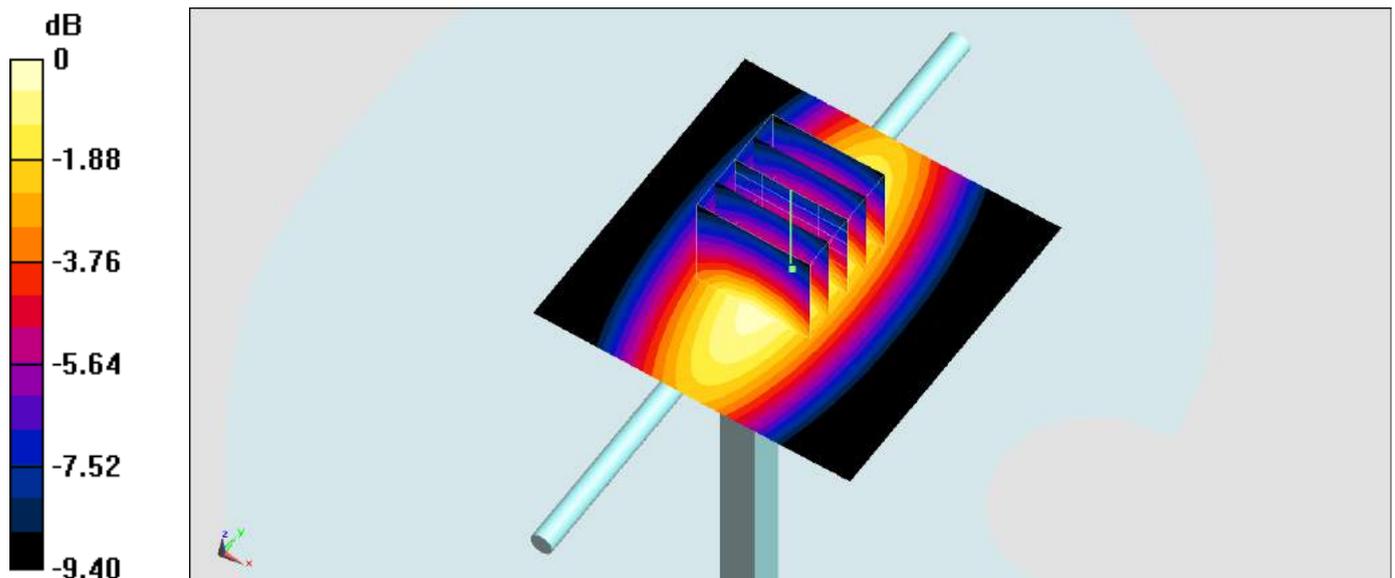Maximum value of SAR (interpolated) = 2.58 W/kg

Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 53.15 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.15 W/kg
SAR(1 g) = 2.23 W/kg; SAR(10 g) = 1.51 W/kg
Maximum value of SAR (measured) = 2.59 W/kg

0 dB = 2.59 W/kg = 4.13 dBW/kg

System Check_Head_835MHz_160315

DUT: D835V2-4d092

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: HSL_850_160315 Medium parameters used: f = 835 MHz; σ = 0.875 S/m; ε_r = 40.786; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
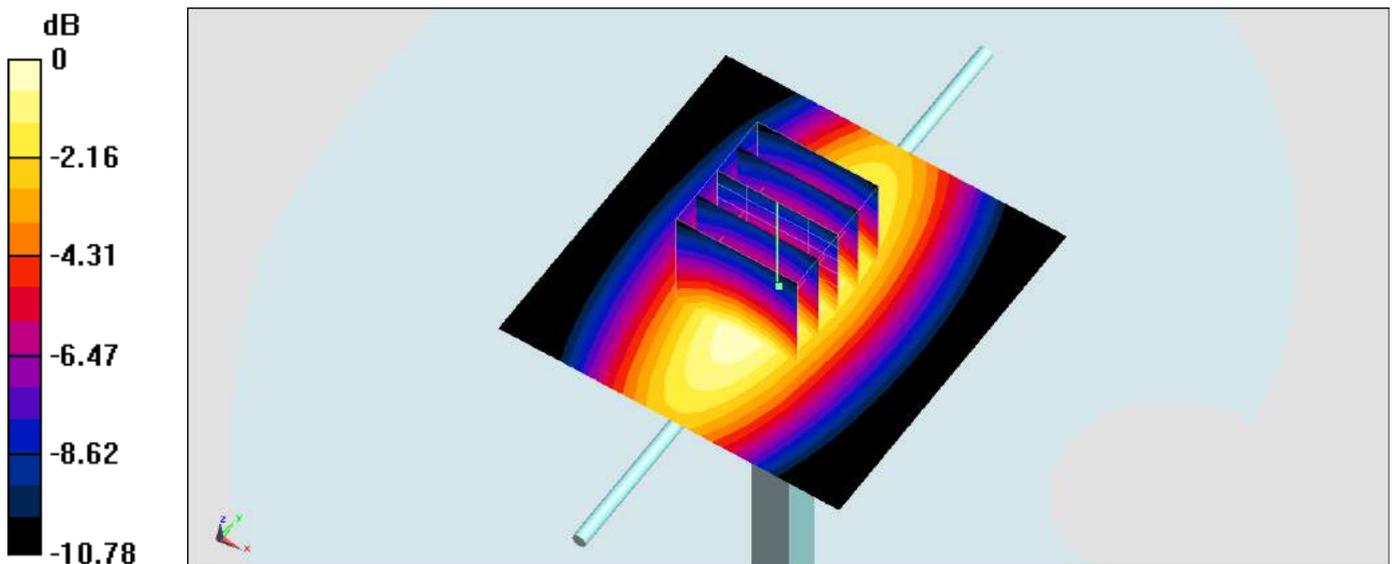Maximum value of SAR (interpolated) = 3.14 W/kg

Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 64.31 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.80 W/kg
SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.58 W/kg
Maximum value of SAR (measured) = 3.10 W/kg

0 dB = 3.10 W/kg = 4.91 dBW/kg

System Check_Head_835MHz_160318

DUT: D835V2-4d092

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_850_160318 Medium parameters used: f = 835 MHz; σ = 0.895 mho/m; ε_r = 41.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(9.96, 9.96, 9.96); Calibrated: 2015/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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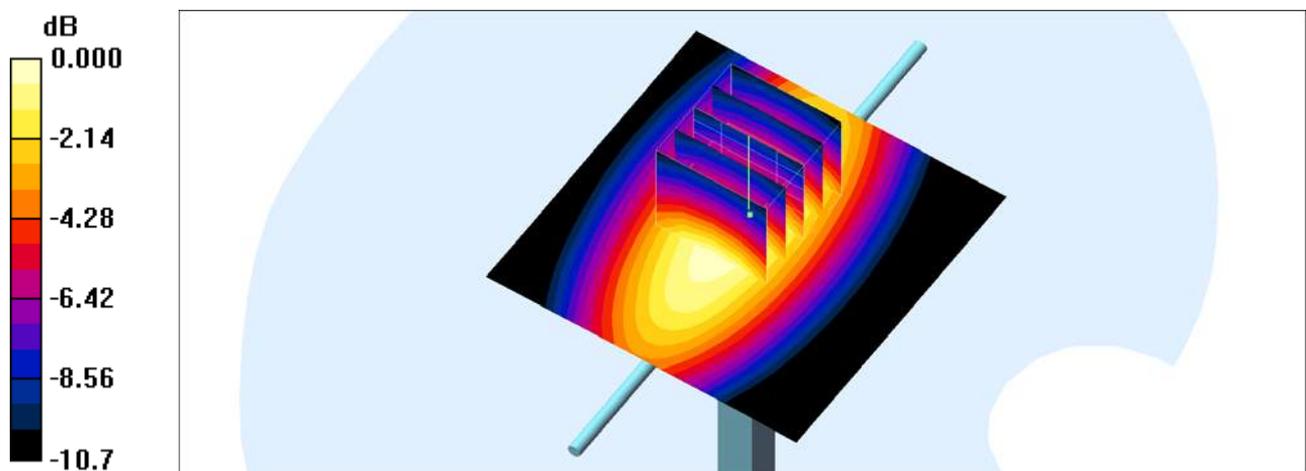Maximum value of SAR (interpolated) = 2.81 mW/g

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.6 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 3.28 W/kg
SAR(1 g) = 2.25 mW/g; SAR(10 g) = 1.48 mW/g
Maximum value of SAR (measured) = 2.83 mW/g

0 dB = 2.83mW/g

System Check_Body_835MHz_160317

DUT: D835V2-4d092

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_160317 Medium parameters used: f = 835 MHz; σ = 0.985 S/m; ε_r = 56.903; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
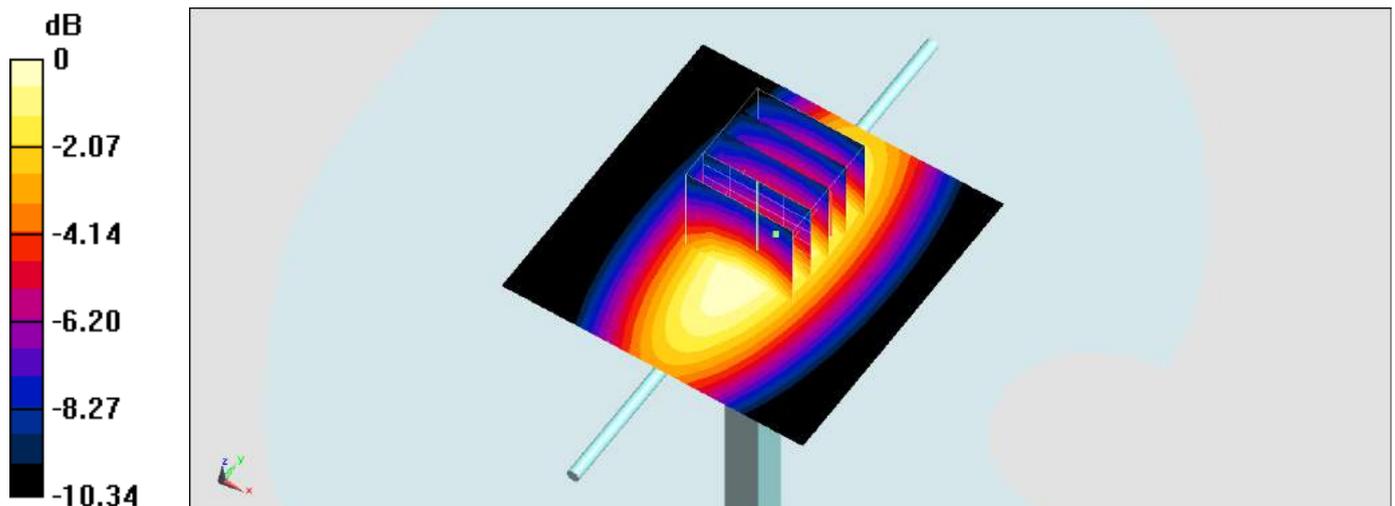Maximum value of SAR (interpolated) = 2.92 W/kg

Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.37 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 3.48 W/kg
SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.62 W/kg
Maximum value of SAR (measured) = 2.79 W/kg

0 dB = 2.79 W/kg = 4.46 dBW/kg

System Check_Body_835MHz_160318

DUT: D835V2-4d092

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_160318 Medium parameters used: f = 835 MHz; σ = 0.979 S/m; $ε_r$ = 56.194; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
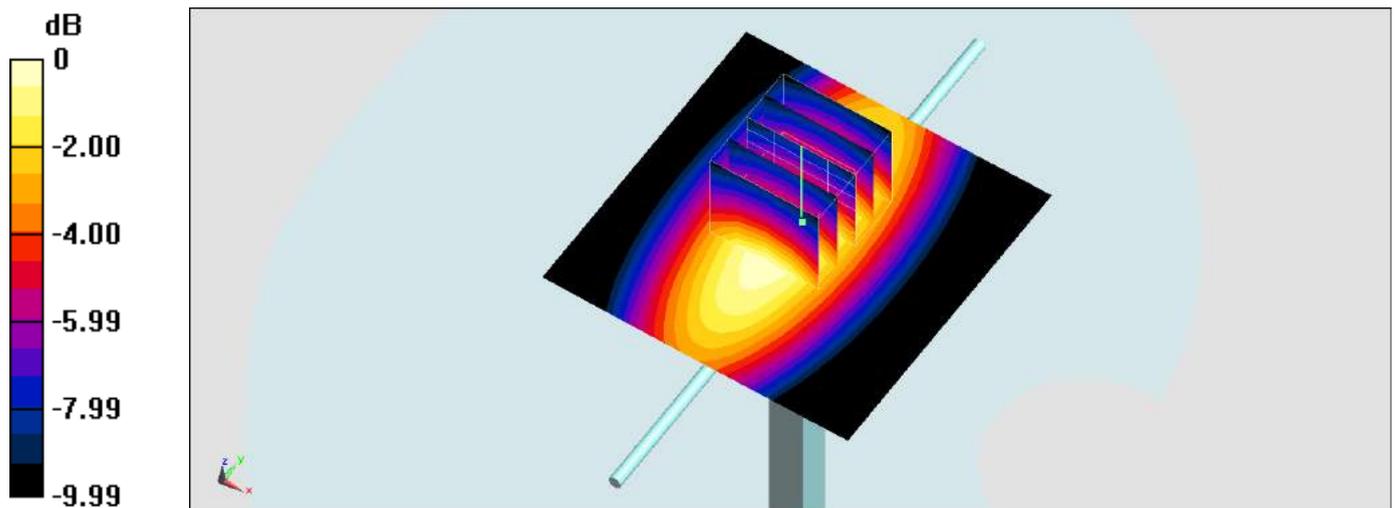Maximum value of SAR (interpolated) = 2.72 W/kg

Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 54.30 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.32 W/kg
SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.56 W/kg
Maximum value of SAR (measured) = 2.70 W/kg

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

System Check_Head_1750MHz_160315

DUT: D1750V2-1068

Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: HSL_1750_160315 Medium parameters used: f = 1750 MHz; σ = 1.37 S/m; ε_r = 39.96; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.32, 5.32, 5.32); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
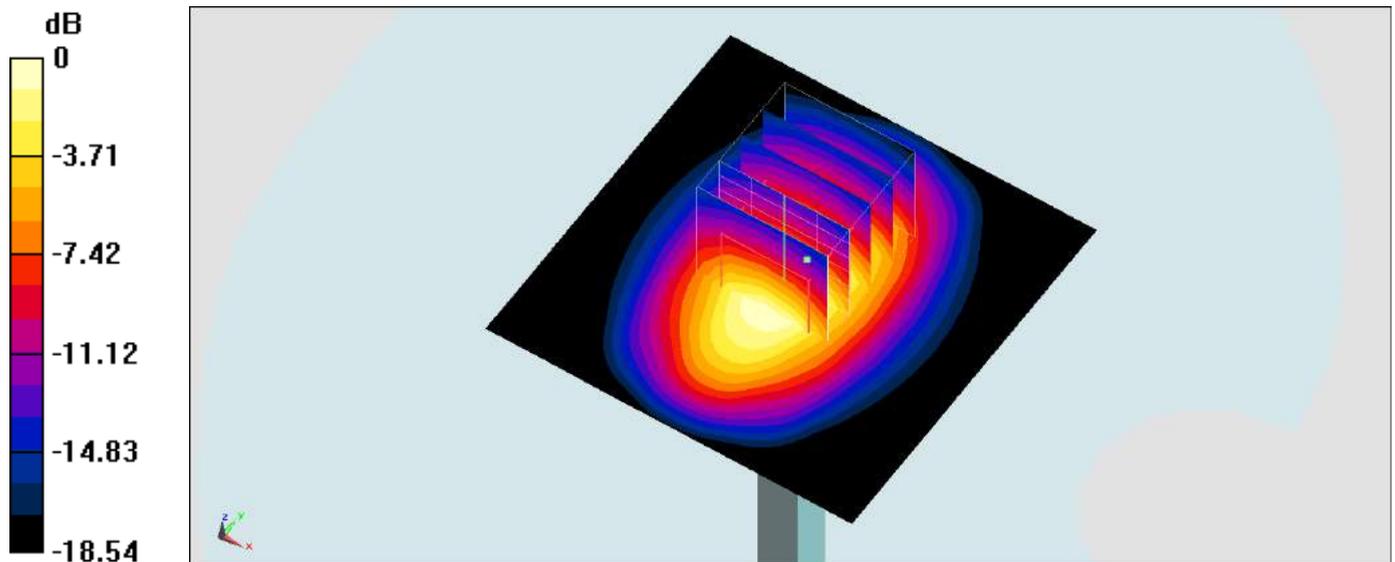Maximum value of SAR (interpolated) = 11.2 W/kg

Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 85.31 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 15.5 W/kg
SAR(1 g) = 8.62 W/kg; SAR(10 g) = 4.57 W/kg
Maximum value of SAR (measured) = 10.7 W/kg

0 dB = 10.7 W/kg = 10.29 dBW/kg

System Check_Body_1750MHz_160316

DUT: D1750V2-1068

Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1750_160316 Medium parameters used: f = 1750 MHz; σ = 1.495 S/m; ε_r = 55.089; ρ
= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.95, 4.95, 4.95); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm,
dy=1.500 mm
Maximum value of SAR (interpolated) = 12.6 W/kg

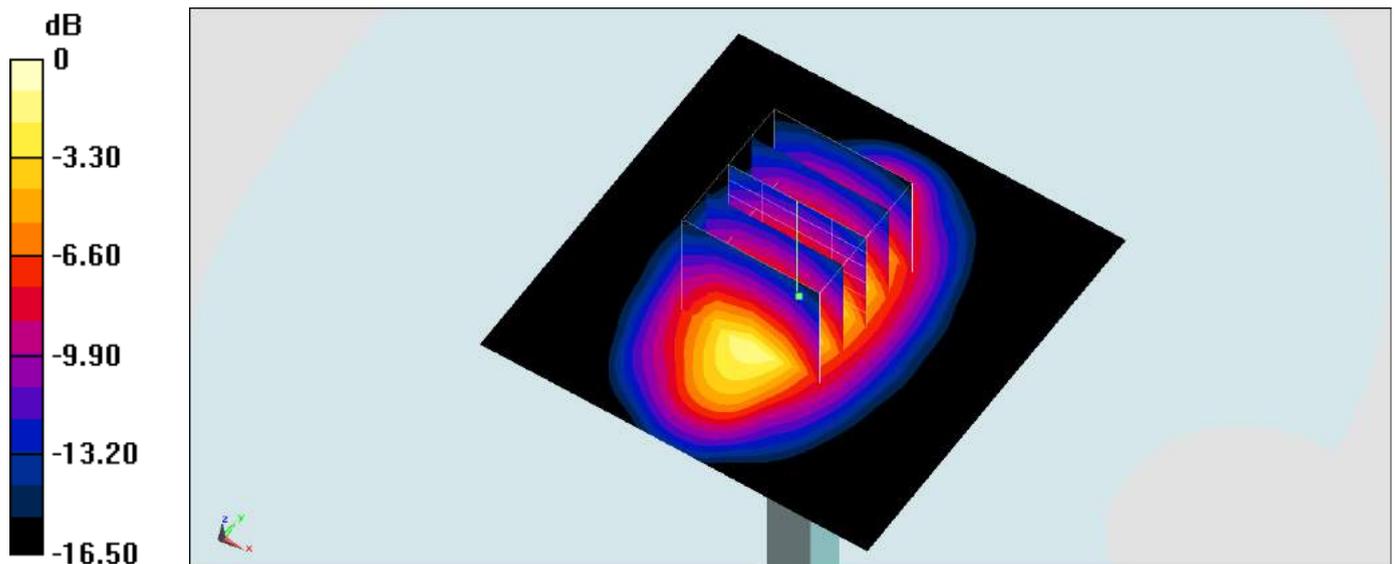**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm,
dy=8mm, dz=5mm
Reference Value = 99.78 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 15.9 W/kg
SAR(1 g) = 8.83 W/kg; SAR(10 g) = 4.73 W/kg
Maximum value of SAR (measured) = 12.5 W/kg

0 dB = 12.5 W/kg = 10.97 dBW/kg

System Check_Body_1750MHz_160320

DUT: D1750V2-1068

Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1750_160320 Medium parameters used: f = 1750 MHz; σ = 1.485 S/m; $ε_r$ = 54.938; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.95, 4.95, 4.95); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
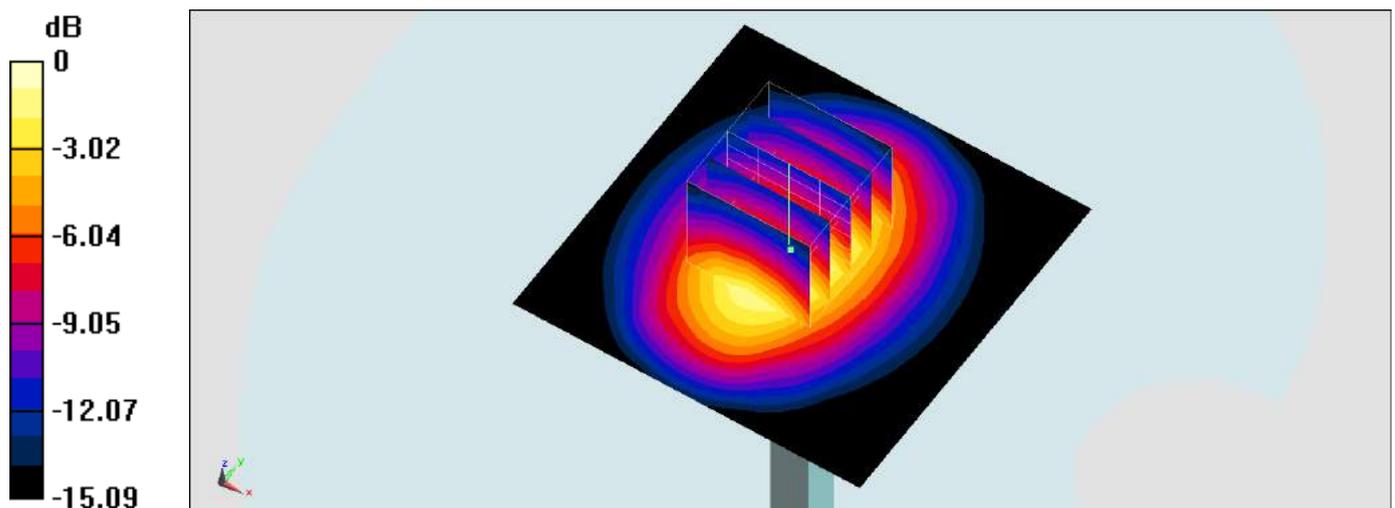Maximum value of SAR (interpolated) = 10.5 W/kg

Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 80.95 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 13.3 W/kg
SAR(1 g) = 8.67 W/kg; SAR(10 g) = 5.04 W/kg
Maximum value of SAR (measured) = 10.4 W/kg

0 dB = 10.4 W/kg = 10.17 dBW/kg

System Check_Head_1900MHz_160316

DUT: D1900V2-5d041

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_160316 Medium parameters used: f = 1900 MHz; σ = 1.434 S/m; $ε_r$ = 38.774; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
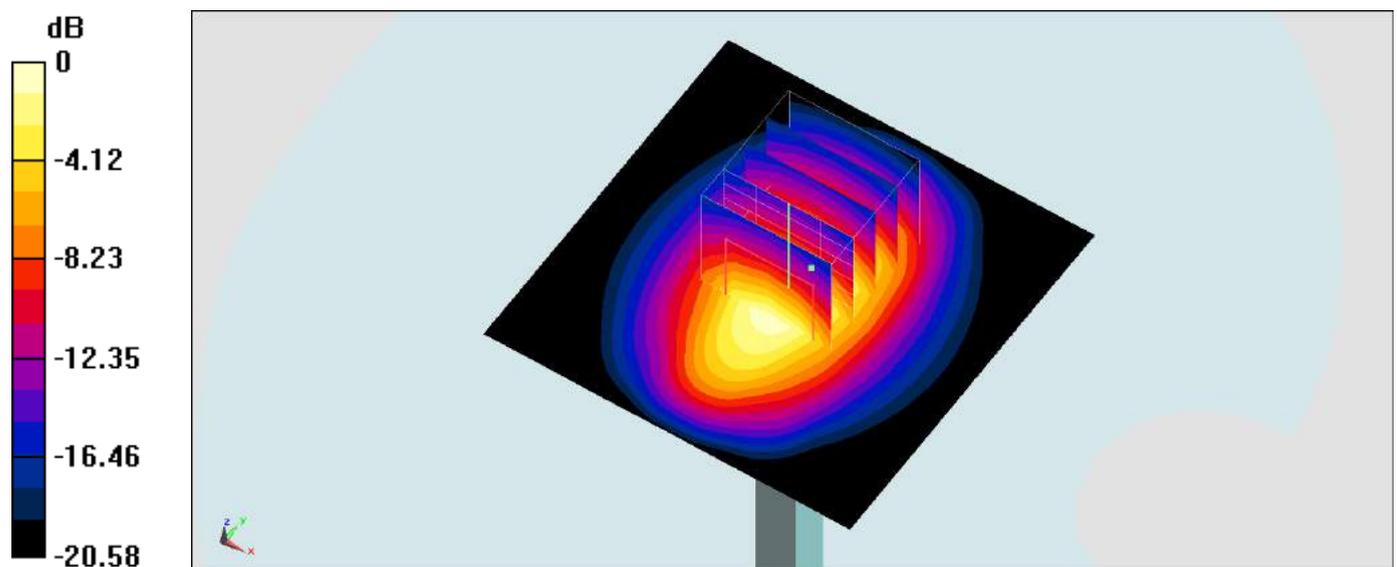Maximum value of SAR (interpolated) = 14.6 W/kg

Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 106.0 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 19.5 W/kg
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.23 W/kg
Maximum value of SAR (measured) = 14.8 W/kg

0 dB = 14.8 W/kg = 11.70 dBW/kg

System Check_Body_1900MHz_160316

DUT: D1900V2-5d041

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160316 Medium parameters used: f = 1900 MHz; σ = 1.566 S/m; ε_r = 53.529; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
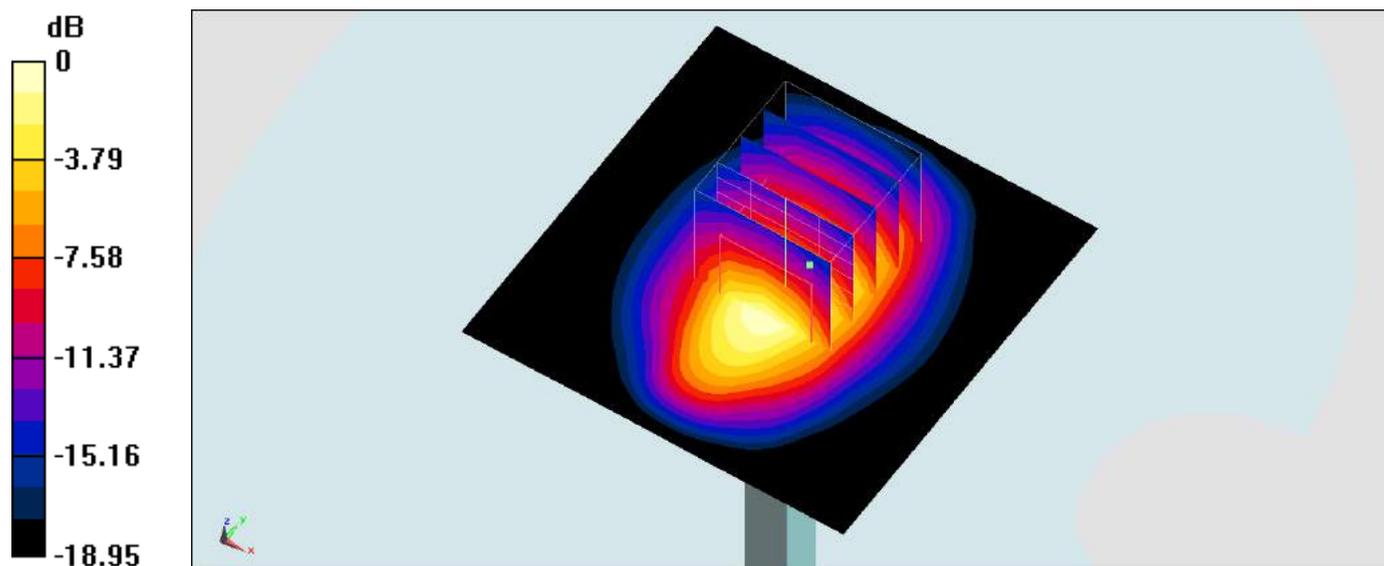Maximum value of SAR (interpolated) = 15.7 W/kg

Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 104.5 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 18.8 W/kg
SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.46 W/kg
Maximum value of SAR (measured) = 14.8 W/kg

0 dB = 14.8 W/kg = 11.70 dBW/kg

System Check_Body_1900MHz_160319

DUT: D1900V2_5d041

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160319 Medium parameters used: f = 1900 MHz; σ = 1.533 S/m; ε_r = 52.621; ρ
= 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm,
dy=1.500 mm
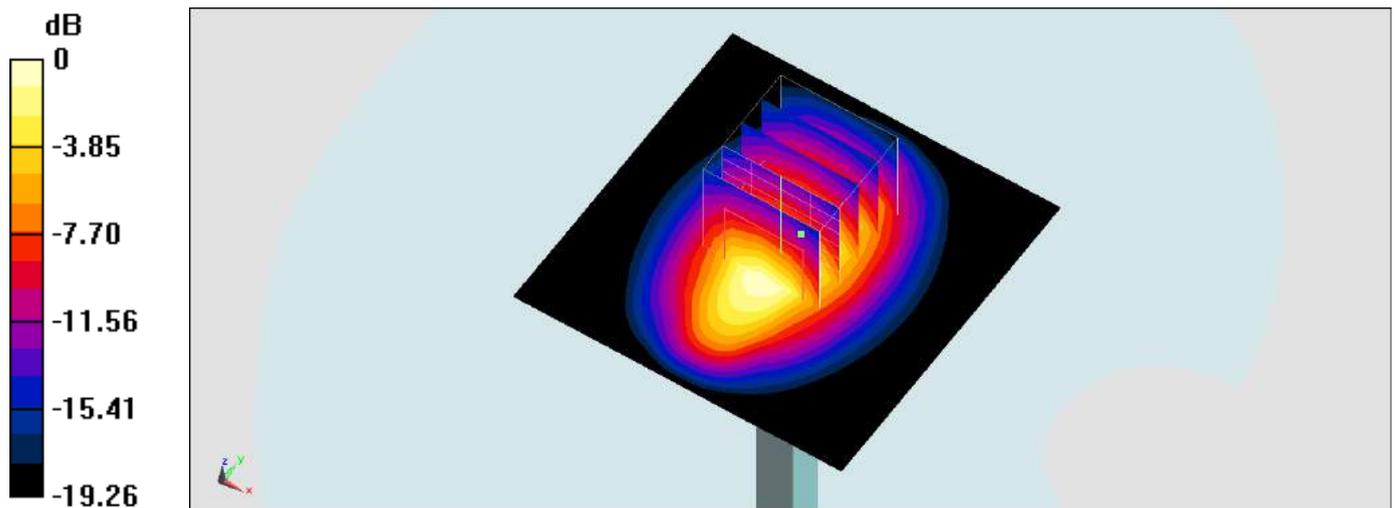Maximum value of SAR (interpolated) = 15.7 W/kg

Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm
Reference Value = 108.8 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 18.7 W/kg
SAR(1 g) = 10.6 W/kg; SAR(10 g) = 5.56 W/kg
Maximum value of SAR (measured) = 14.9 W/kg

0 dB = 14.9 W/kg = 11.73 dBW/kg

System Check_Head_2450MHz_160311

DUT: D2450V2-SN:736

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_160311 Medium parameters used: f = 2450 MHz; σ = 1.733 S/m; ε_r = 39.498; ρ

= 1000 kg/m^3
Ambient Temperature：23.2℃; Liquid Temperature：22.2℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.59, 4.59, 4.59); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
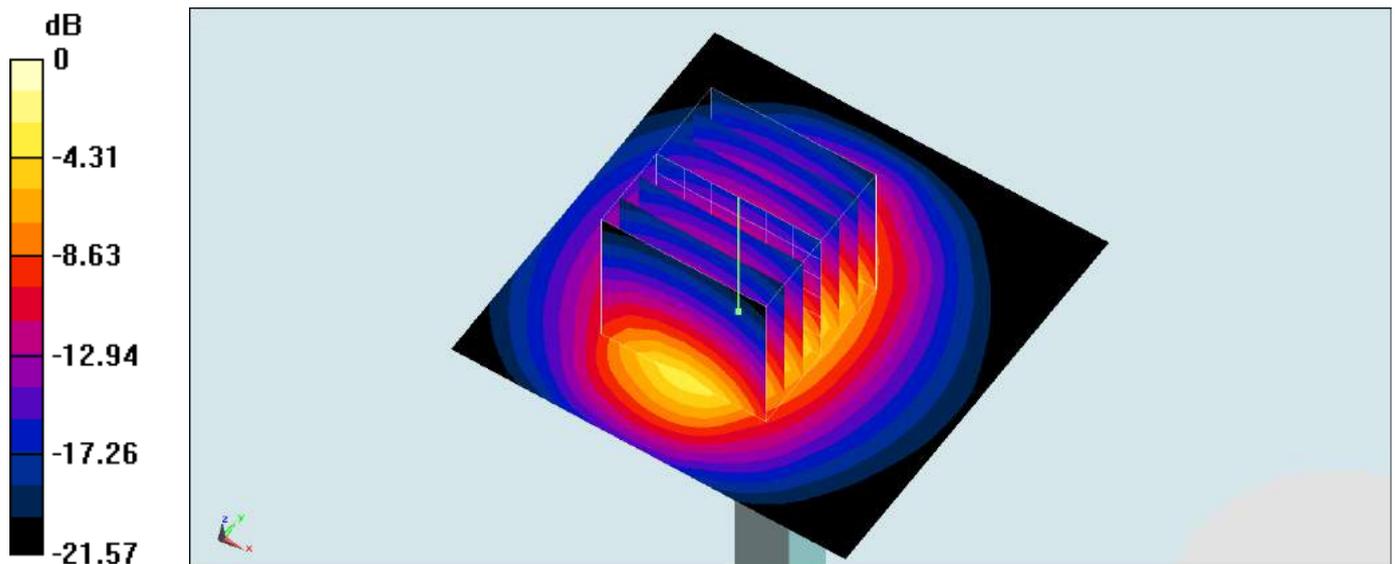Maximum value of SAR (interpolated) = 17.5 W/kg

Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 94.00 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 24.2 W/kg
SAR(1 g) = 12.2 W/kg; SAR(10 g) = 5.75 W/kg
Maximum value of SAR (measured) = 15.9 W/kg

0 dB = 15.9 W/kg = 12.01 dBW/kg

System Check_Body_2450MHz_160312

DUT: D2450V2-736

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium: MSL_2450_160312 Medium parameters used: f = 2450 MHz; σ = 1.984 S/m; ε_r = 52.474; ρ
= 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.37, 4.37, 4.37); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm,
dy=1.200 mm
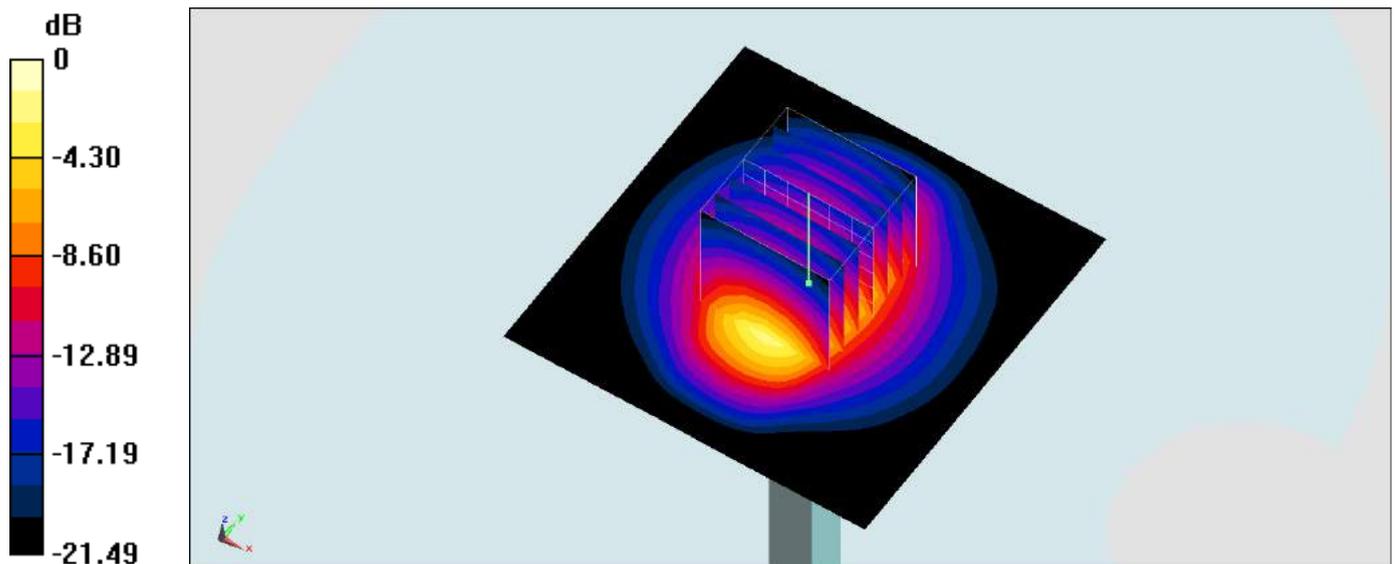Maximum value of SAR (interpolated) = 20.8 W/kg

Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm
Reference Value = 109.9 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 27.3 W/kg
SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.14 W/kg
Maximum value of SAR (measured) = 20.3 W/kg

0 dB = 20.3 W/kg = 13.07 dBW/kg

System Check_Head_2600MHz_160315

DUT: D2600V2-1008

Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: HSL_2600_160315 Medium parameters used: f = 2600 MHz; σ = 2.032 S/m; ε_r = 38.472; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.44, 4.44, 4.44); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
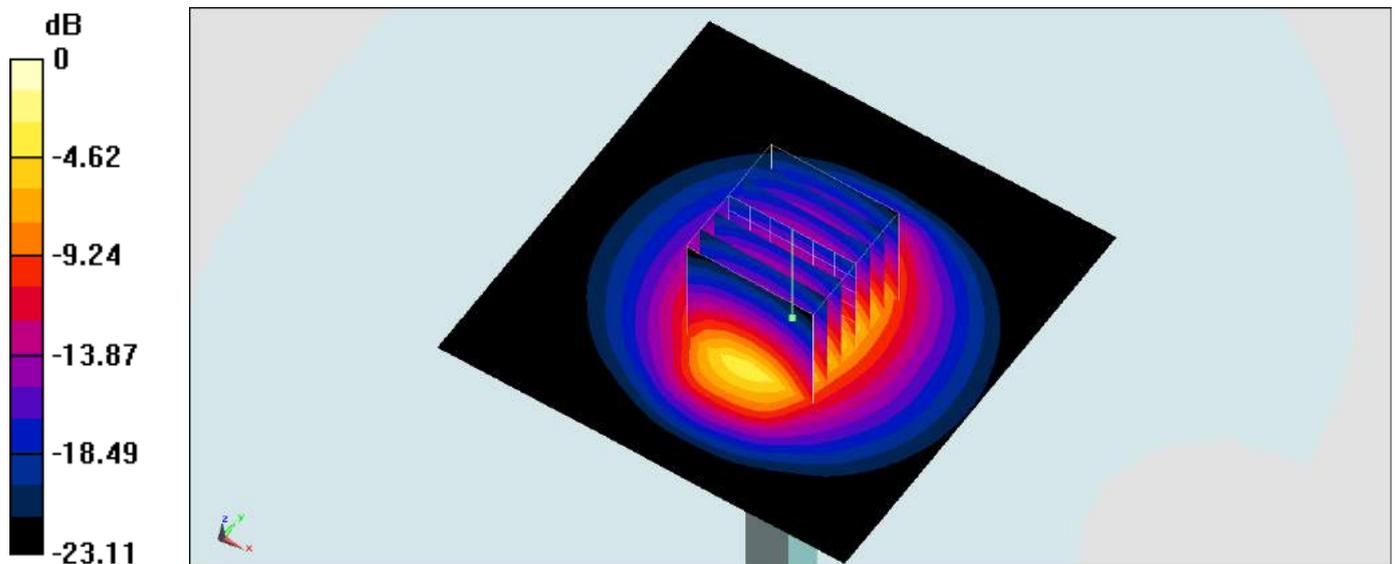Maximum value of SAR (interpolated) = 23.1 W/kg

Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 113.6 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 31.0 W/kg
SAR(1 g) = 14.8 W/kg; SAR(10 g) = 6.63 W/kg
Maximum value of SAR (measured) = 22.8 W/kg

dB
0
-4.62
-9.24
-13.87
-18.49
-23.11

0 dB = 22.8 W/kg = 13.58 dBW/kg

System Check_Head_2600MHz_160320

DUT: D2600V2-1008

Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: HSL_2600_160320 Medium parameters used: f = 2600 MHz; σ = 1.891 S/m; ε_r = 39.274; ρ = 1000 kg/m^3

Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.44, 4.44, 4.44); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
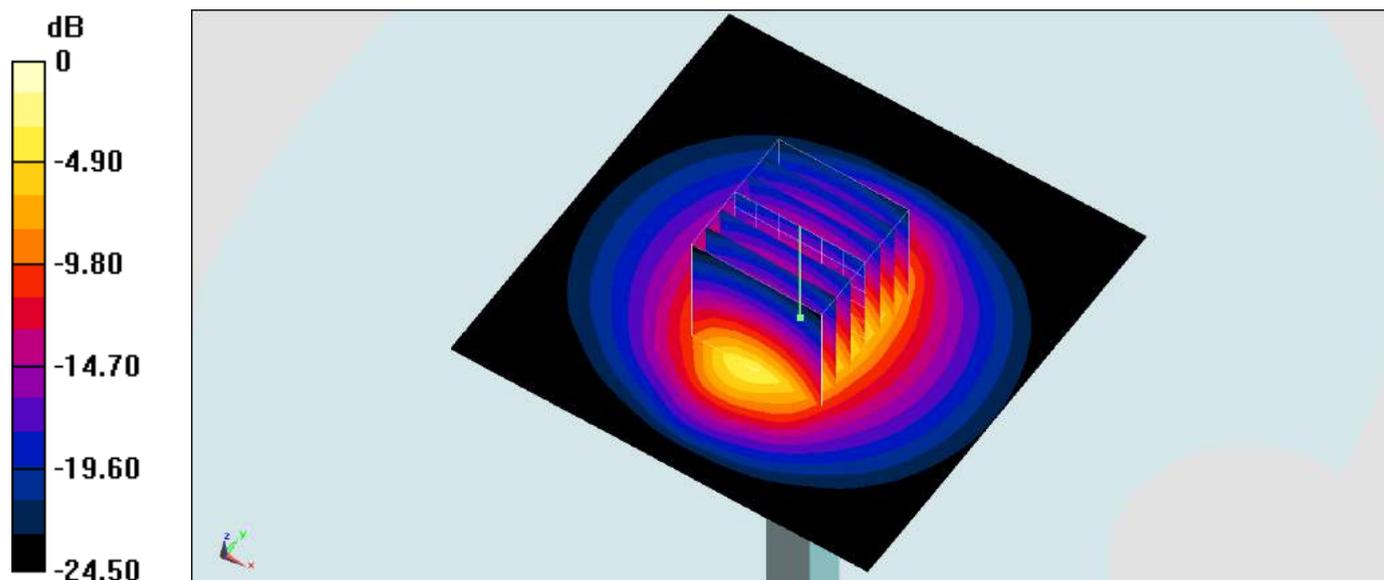Maximum value of SAR (interpolated) = 21.7 W/kg

Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 117.7 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 30.0 W/kg
SAR(1 g) = 14 W/kg; SAR(10 g) = 6.2 W/kg
Maximum value of SAR (measured) = 21.5 W/kg

0 dB = 21.5 W/kg = 13.32 dBW/kg

System Check_Body_2600MHz_160316

DUT: D2600V2-1008

Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: MSL_2600_160316 Medium parameters used: f = 2600 MHz; σ = 2.21 mho/m; ε_r = 53.1; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.33, 7.33, 7.33); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Front; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=12mm, dy=12mm
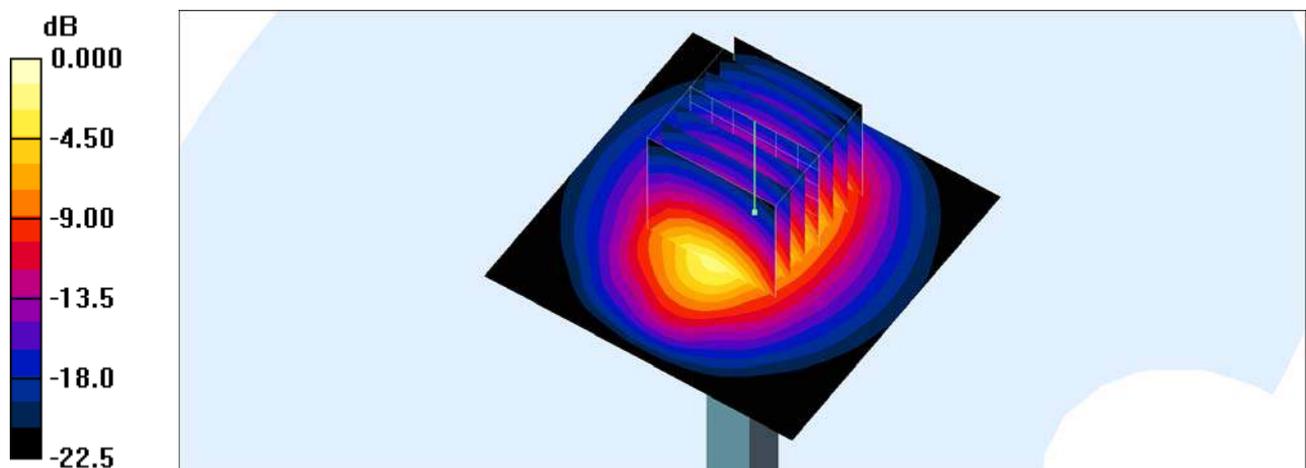Maximum value of SAR (interpolated) = 19.3 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 93.1 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 30.4 W/kg
SAR(1 g) = 14 mW/g; SAR(10 g) = 6.35 mW/g
Maximum value of SAR (measured) = 23.9 mW/g

0 dB = 23.9mW/g

System Check_Body_2600MHz_160318

DUT: D2600V2-1008

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1
Medium: MSL_2600_160318 Medium parameters used: f = 2600 MHz; σ = 2.157 S/m; ε_r = 53.088; ρ
= 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.27, 4.27, 4.27); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm,
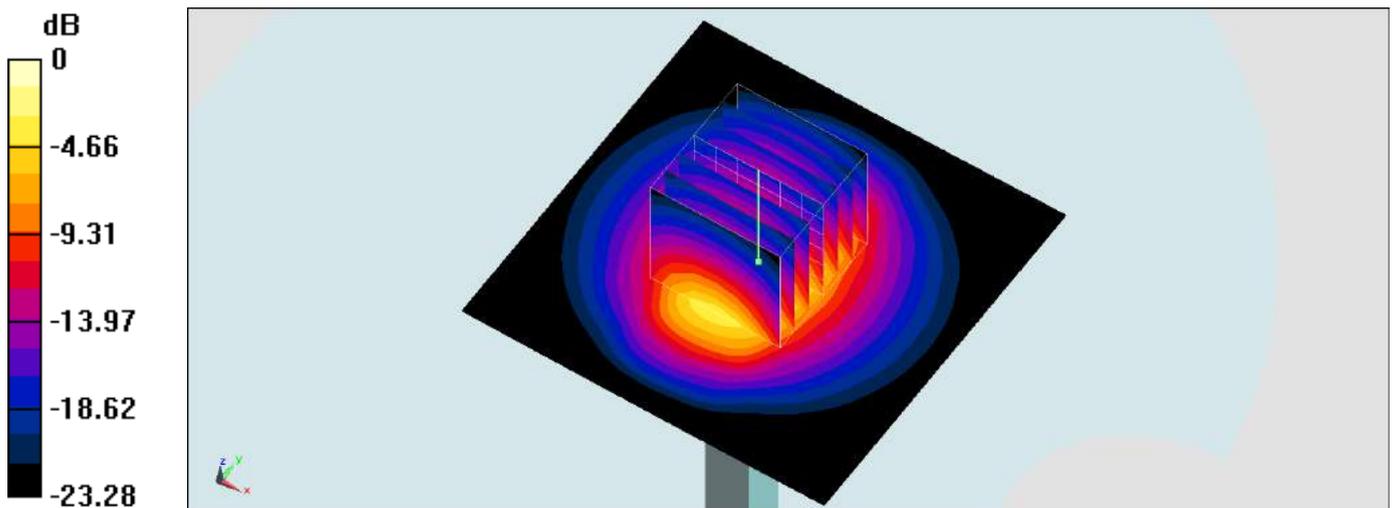dy=1.200 mm
Maximum value of SAR (interpolated) = 23.3 W/kg

Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm
Reference Value = 112.5 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 32.2 W/kg
SAR(1 g) = 14.9 W/kg; SAR(10 g) = 6.63 W/kg
Maximum value of SAR (measured) = 23.5 W/kg

0 dB = 23.5 W/kg = 13.71 dBW/kg

System Check_Body_2600MHz_160319

DUT: D2600V2-1008

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1
Medium: MSL_2600_160319 Medium parameters used: f = 2600 MHz; σ = 2.189 S/m; ε_r = 52.868; ρ
= 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.27, 4.27, 4.27); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm,
dy=1.200 mm
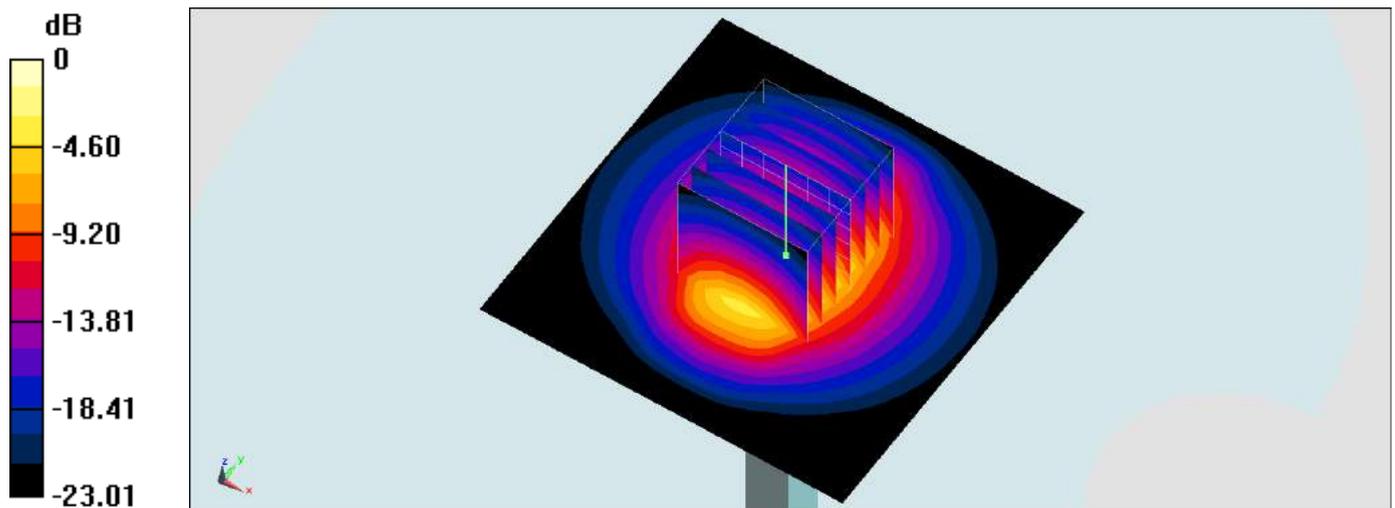Maximum value of SAR (interpolated) = 20.3 W/kg

Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm
Reference Value = 104.6 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 28.8 W/kg
SAR(1 g) = 13.3 W/kg; SAR(10 g) = 5.95 W/kg
Maximum value of SAR (measured) = 20.8 W/kg

0 dB = 20.8 W/kg = 13.18 dBW/kg

System Check_Head_5300MHz_160312

DUT: D5GHzV2-1006-5300

Communication System: CW; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: HSL_5G_160312 Medium parameters used: f = 5300 MHz; σ = 4.54 mho/m; ε_r = 36.3; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：22.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.14, 5.14, 5.14); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Front; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=100mW/Area Scan (71x71x1): Measurement grid: dx=10mm, dy=10mm
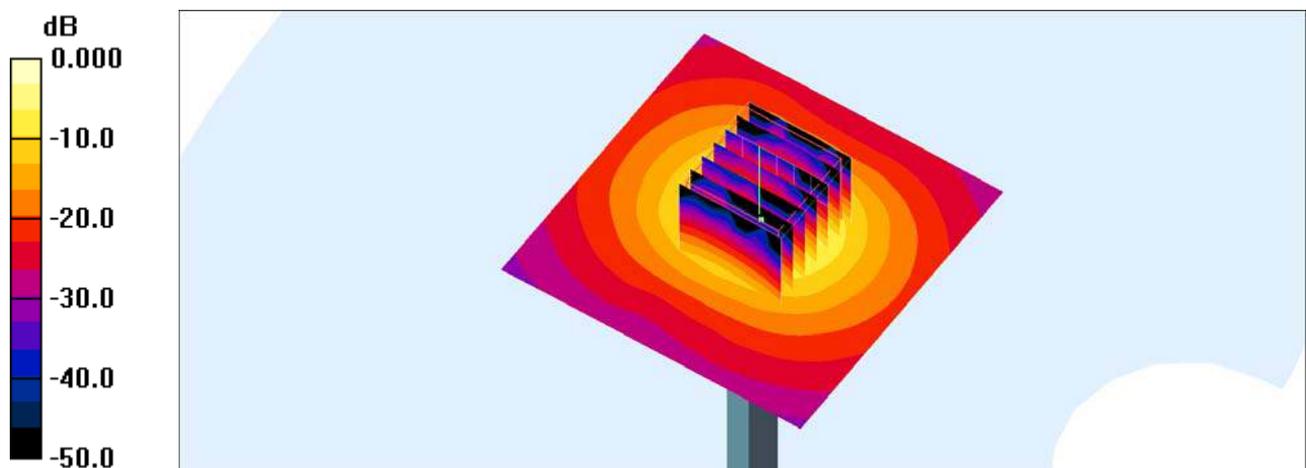Maximum value of SAR (interpolated) = 19.8 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 67.4 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 34.4 W/kg
SAR(1 g) = 8.26 mW/g; SAR(10 g) = 2.25 mW/g
Maximum value of SAR (measured) = 20.2 mW/g

0 dB = 20.2mW/g

System Check_Body_5300MHz_160311

DUT: D5GHzV2-1006-5300

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1
Medium: MSL_5G_160311 Medium parameters used: f = 5300 MHz; σ = 5.6 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：22.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(4.43, 4.43, 4.43); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Front; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=100mW/Area Scan (71x71x1): Measurement grid: dx=10mm, dy=10mm
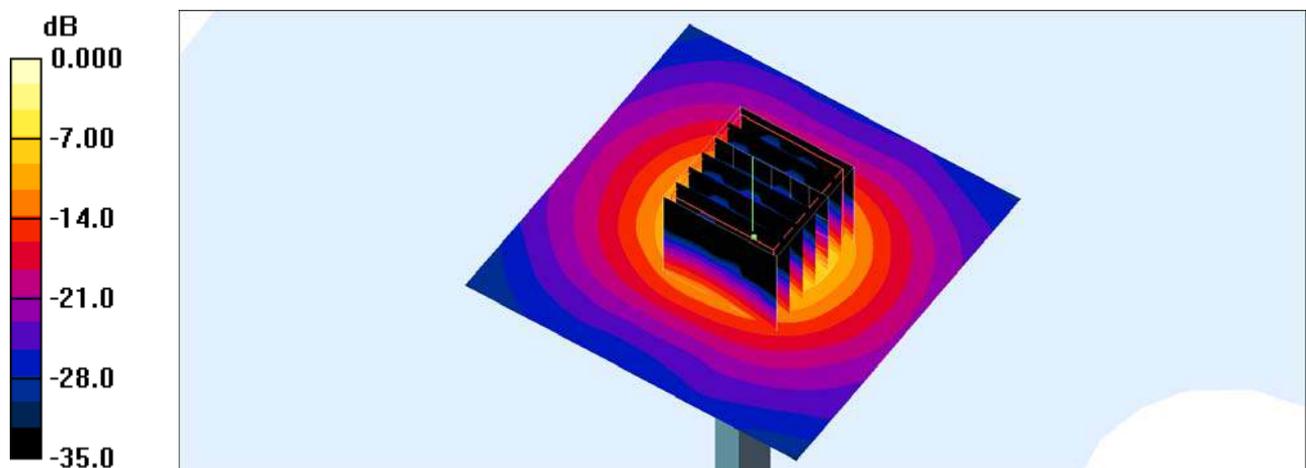Maximum value of SAR (interpolated) = 19.9 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 66.5 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 36.3 W/kg
SAR(1 g) = 8.1 mW/g; SAR(10 g) = 2.13 mW/g
Maximum value of SAR (measured) = 20.9 mW/g

0 dB = 20.9mW/g

System Check_Head_5600MHz_160312

DUT: D5GHzV2-1006-5600

Communication System: CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: HSL_5G_160312 Medium parameters used: f = 5600 MHz; σ = 4.83 mho/m; ε_r = 35.8; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：22.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(4.68, 4.68, 4.68); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Front; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=100mW/Area Scan (71x71x1): Measurement grid: dx=10mm, dy=10mm
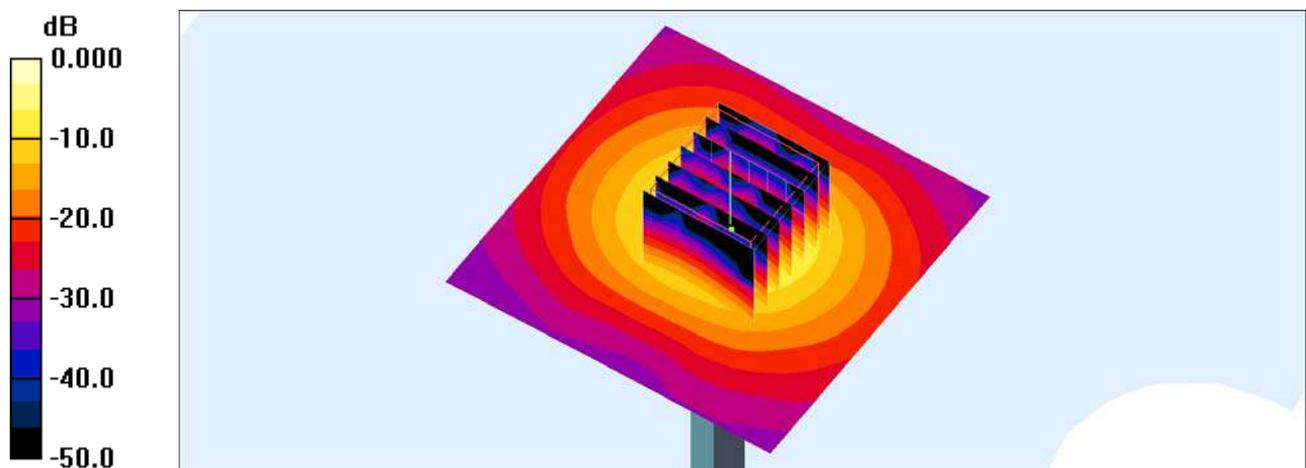Maximum value of SAR (interpolated) = 22.5 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 73.2 V/m; Power Drift = 0.152 dB
Peak SAR (extrapolated) = 39.4 W/kg
SAR(1 g) = 9.01 mW/g; SAR(10 g) = 2.44 mW/g
Maximum value of SAR (measured) = 23.7 mW/g

0 dB = 23.7mW/g

System Check_Body_5600MHz_160311

DUT: D5GHzV2-1006-5600

Communication System: CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: MSL_5G_160311 Medium parameters used: f = 5600 MHz; σ = 5.99 mho/m; ε_r = 46.4; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：22.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(4.1, 4.1, 4.1); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Front; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=100mW/Area Scan (71x71x1): Measurement grid: dx=10mm, dy=10mm
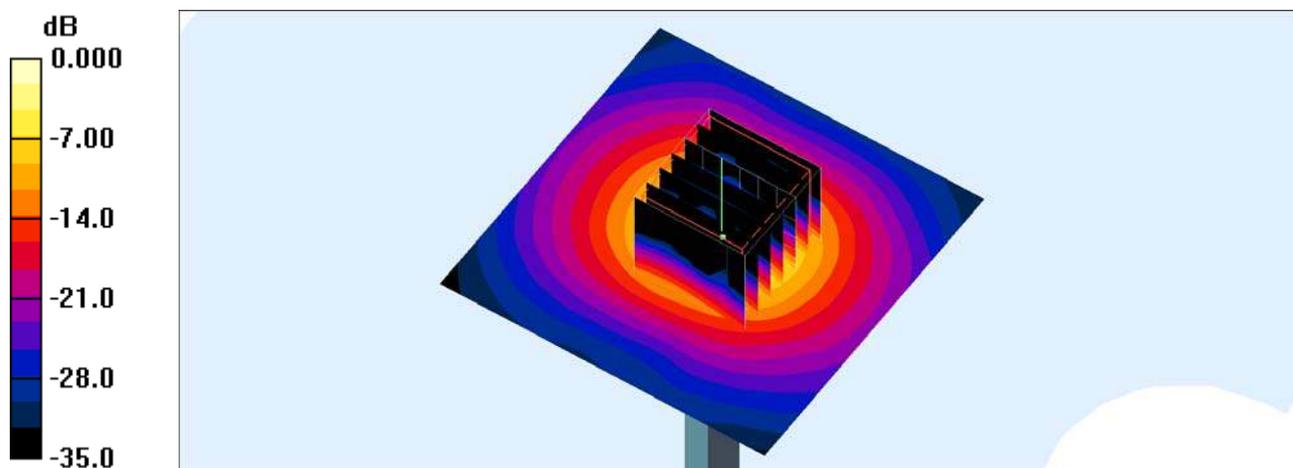Maximum value of SAR (interpolated) = 21.7 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 68.0 V/m; Power Drift = 0.072 dB
Peak SAR (extrapolated) = 41.6 W/kg
SAR(1 g) = 8.72 mW/g; SAR(10 g) = 2.29 mW/g
Maximum value of SAR (measured) = 23.5 mW/g

0 dB = 23.5mW/g

System Check_Head_5800MHz_160312

DUT: D5GHzV2-1006-5800

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: HSL_5G_160312 Medium parameters used: f = 5800 MHz; σ = 5.02 mho/m; ε_r = 35.6; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：22.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(4.72, 4.72, 4.72); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Front; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=100mW/Area Scan (71x71x1): Measurement grid: dx=10mm, dy=10mm
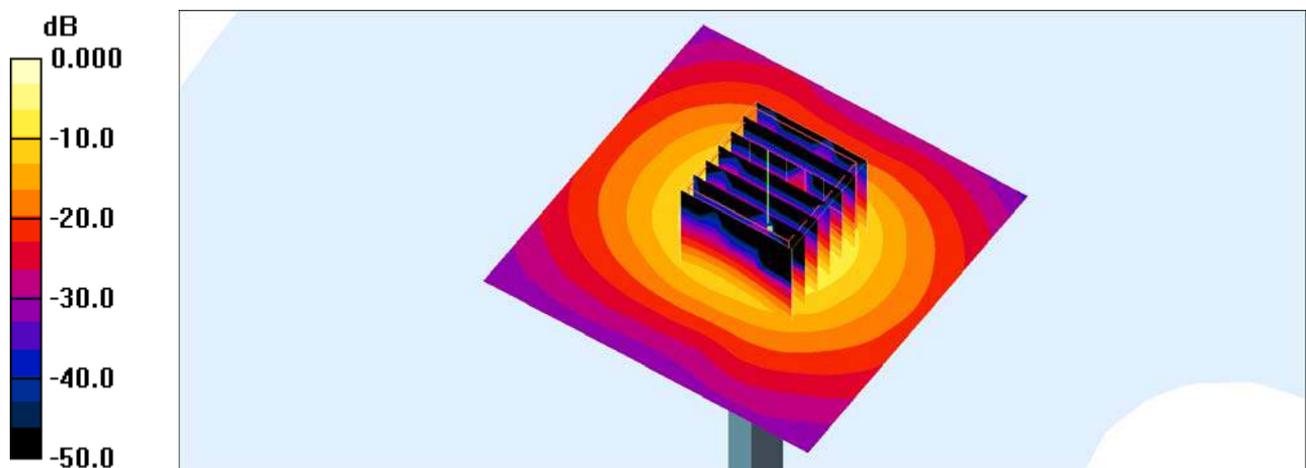Maximum value of SAR (interpolated) = 20.8 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 69.1 V/m; Power Drift = 0.013 dB
Peak SAR (extrapolated) = 36.7 W/kg
SAR(1 g) = 8.29 mW/g; SAR(10 g) = 2.24 mW/g
Maximum value of SAR (measured) = 21.2 mW/g

0 dB = 21.2mW/g

System Check_Body_5800MHz_160311

DUT: D5GHzV2-1006-5800

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: MSL_5G_160311 Medium parameters used: f = 5800 MHz; σ = 6.25 mho/m; ε_r = 46; ρ =

1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：22.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(4.16, 4.16, 4.16); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Front; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=100mW/Area Scan (71x71x1): Measurement grid: dx=10mm, dy=10mm
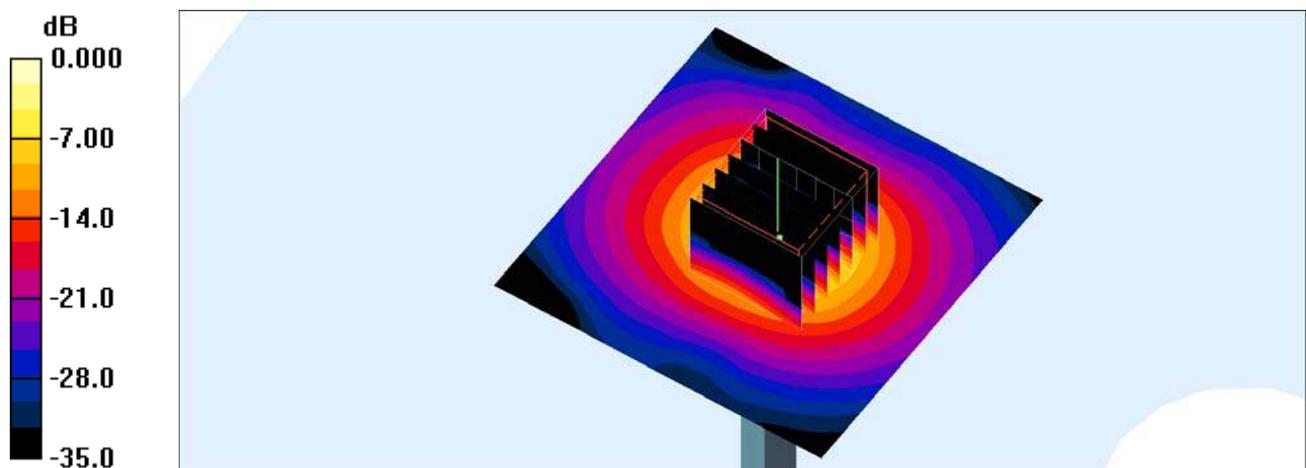Maximum value of SAR (interpolated) = 20.0 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 64.7 V/m; Power Drift = -0.007 dB
Peak SAR (extrapolated) = 39.4 W/kg
SAR(1 g) = 7.87 mW/g; SAR(10 g) = 2.04 mW/g
Maximum value of SAR (measured) = 21.7 mW/g

0 dB = 21.7mW/g