System Check_Head_2450MHz_091015

DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_091015 Medium parameters used: f = 2450 MHz; σ = 1.84 mho/m; ε_r = 38.6; ρ
= 1000 kg/m^3
Ambient Temperature   22.9   ; Liquid Temperature   21.4

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.48, 4.48, 4.48); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
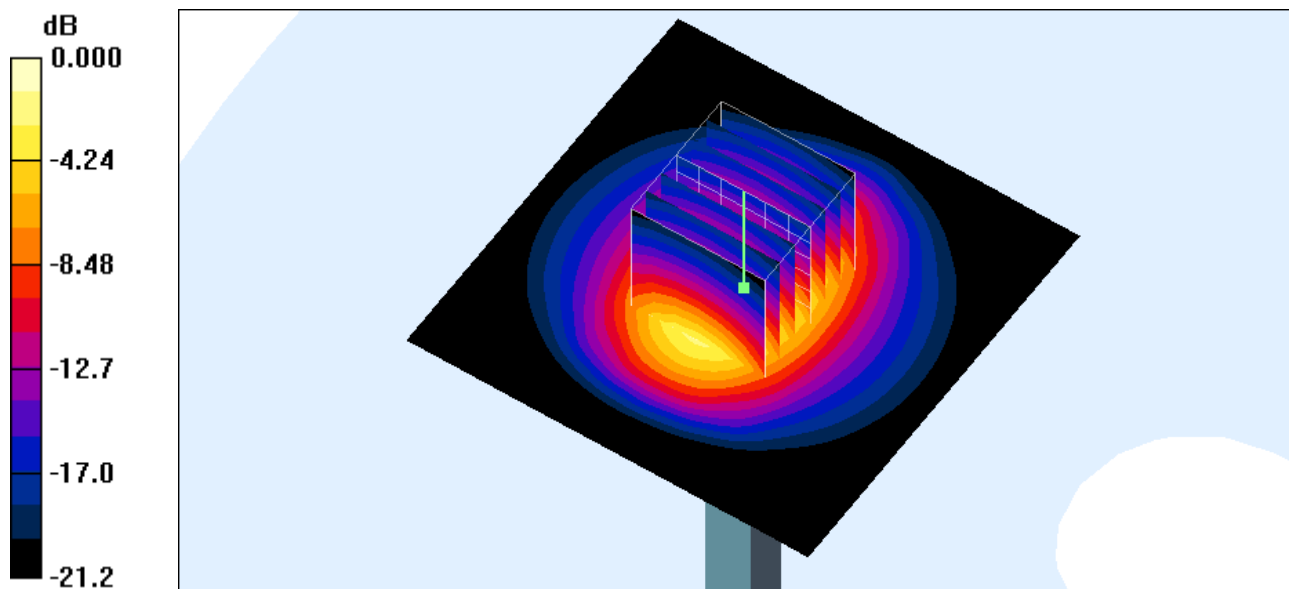Maximum value of SAR (interpolated) = 5.70 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 58.3 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 9.98 W/kg
SAR(1 g) = 4.93 mW/g; SAR(10 g) = 2.35 mW/g
Maximum value of SAR (measured) = 5.61 mW/g

0 dB = 5.61mW/g

System Check_Head_2450MHz_091016

DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_091016 Medium parameters used: f = 2450 MHz; σ = 1.85 mho/m; ε_r = 38.1; ρ

= 1000 kg/m^3
Ambient Temperature   22.2   ; Liquid Temperature   21.4

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.48, 4.48, 4.48); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
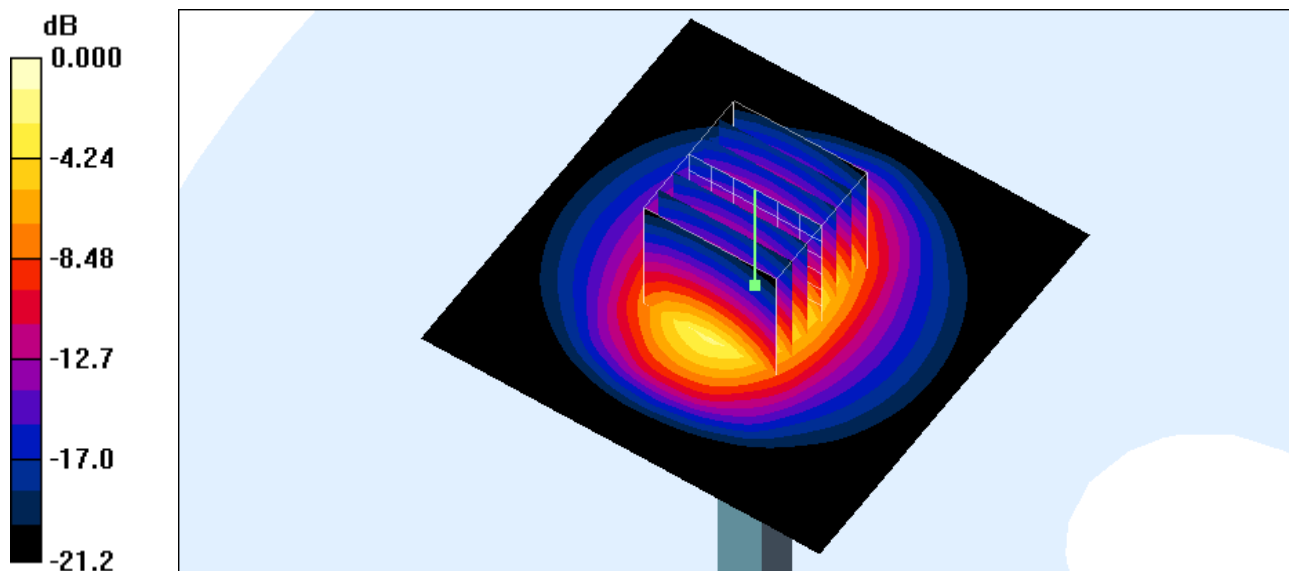Maximum value of SAR (interpolated) = 5.71 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 58.3 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 10.00 W/kg
SAR(1 g) = 4.95 mW/g; SAR(10 g) = 2.35 mW/g
Maximum value of SAR (measured) = 5.62 mW/g

0 dB = 5.62mW/g

System Check_Head_5200MHz_091017

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: HSL_5G_091017 Medium parameters used: f = 5200 MHz; σ = 4.56 mho/m; ε_r = 35.9; ρ = 1000

kg/m^3
Ambient Temperature 22.6   ; Liquid Temperature 21.4

DASY5 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(4.78, 4.78, 4.78); Calibrated: 2009/1/21
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
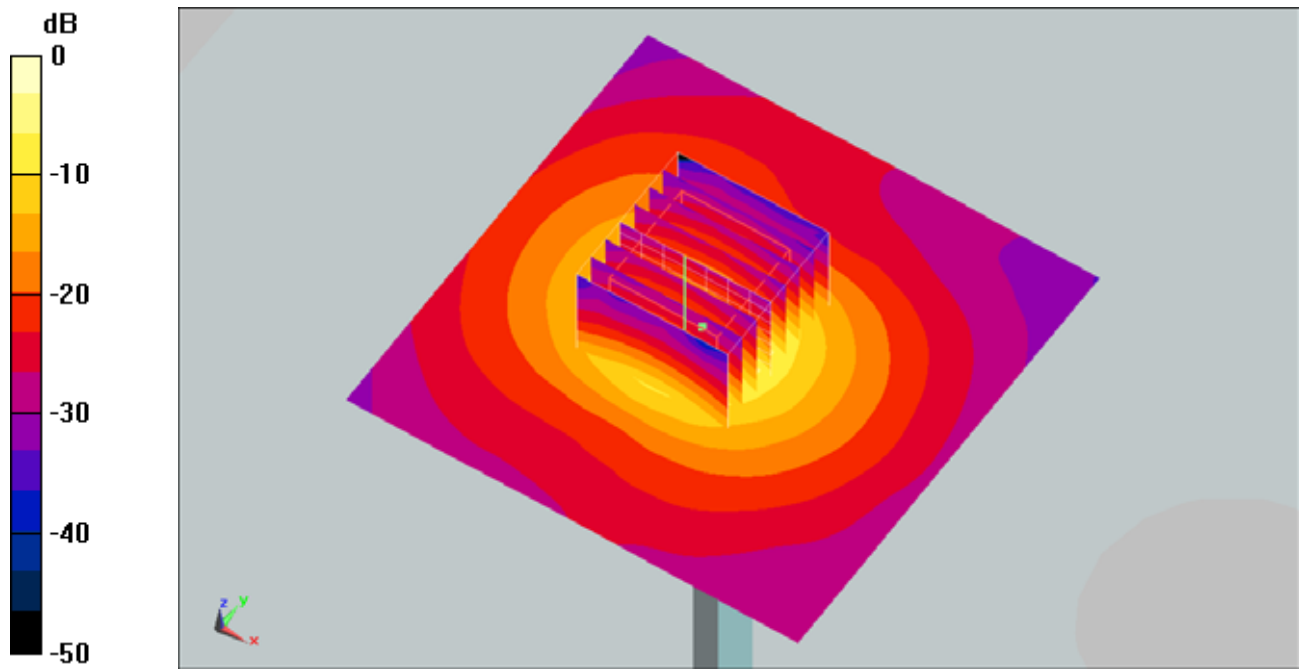Maximum value of SAR (interpolated) = 15.1 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 54.2 V/m; Power Drift = 0.150 dB
Peak SAR (extrapolated) = 31.9 W/kg
SAR(1 g) = 8.2 mW/g; SAR(10 g) = 2.33 mW/g
Maximum value of SAR (measured) = 13.8 mW/g

0 dB = 13.8mW/g

System Check_Head_5200MHz_091018

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: HSL_5G_091018 Medium parameters used: f = 5200 MHz; σ = 4.56 mho/m; ε_r = 35.9; ρ = 1000

kg/m^3
Ambient Temperature   22.4   ; Liquid Temperature   21.5

DASY5 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(4.78, 4.78, 4.78); Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
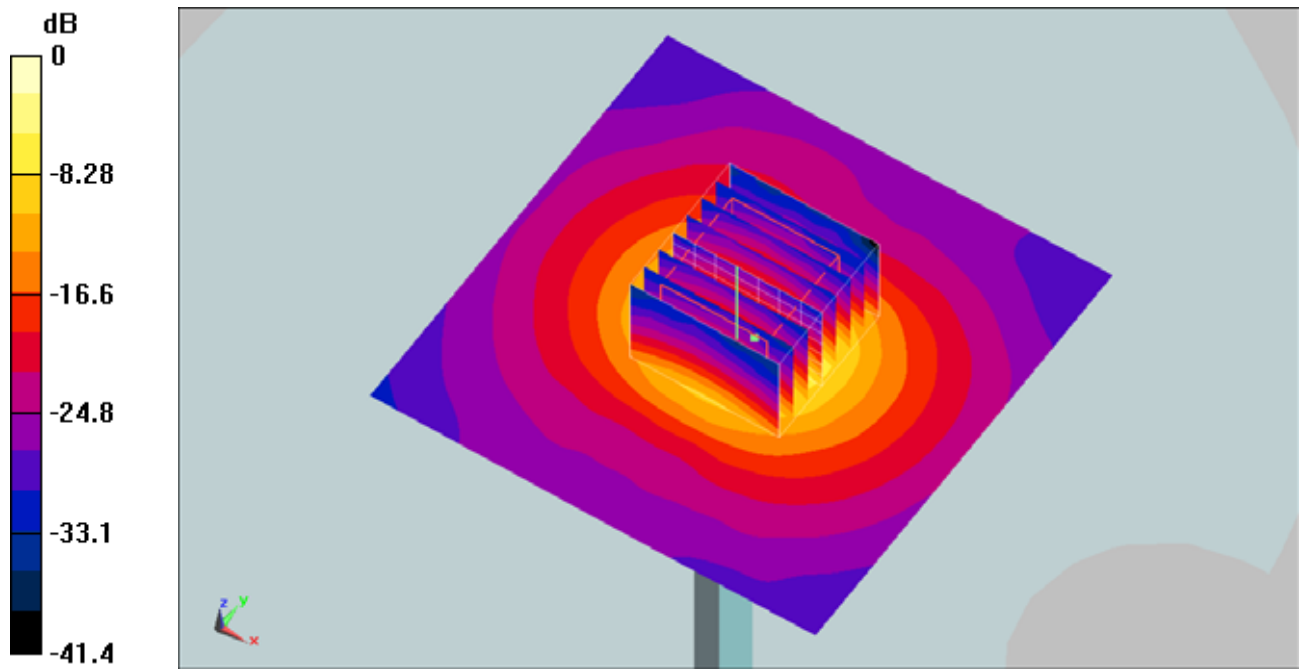Maximum value of SAR (interpolated) = 11.9 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 53.7 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 30.8 W/kg
SAR(1 g) = 7.93 mW/g; SAR(10 g) = 2.23 mW/g
Maximum value of SAR (measured) = 11.6 mW/g

0 dB = 11.6mW/g

System Check_Body_5200MHz_091017

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_091017 Medium parameters used: f = 5200 MHz; σ = 5.14 mho/m; ε_r = 47.5; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(4.29, 4.29, 4.29); Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
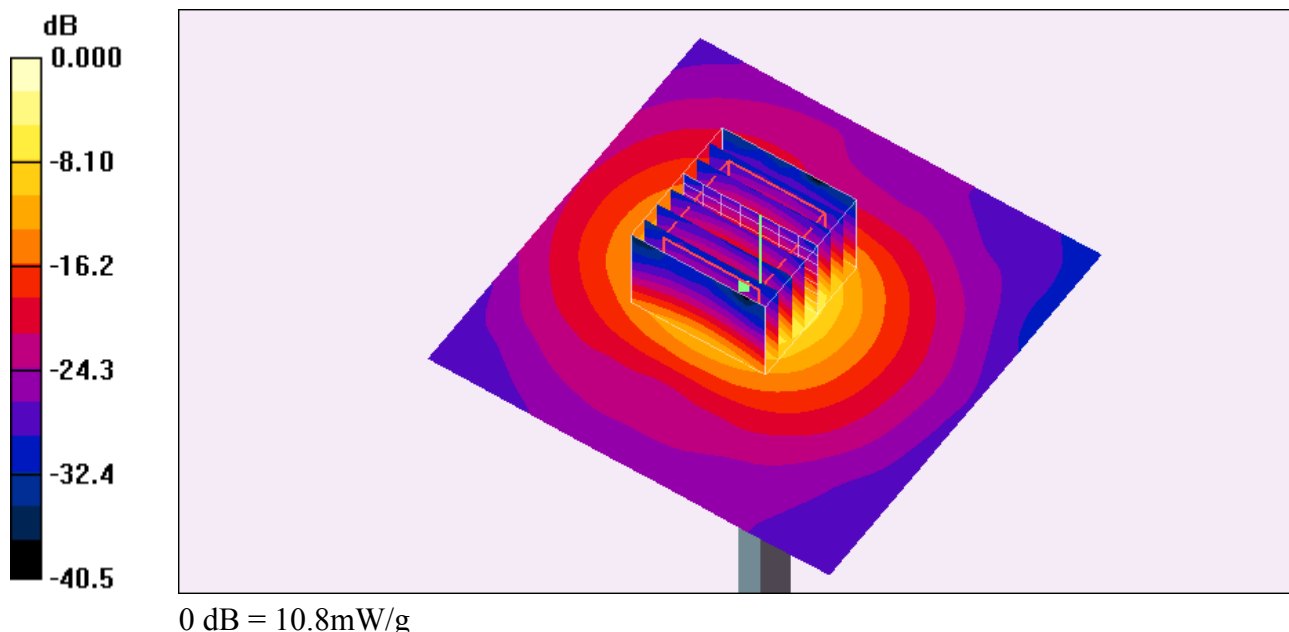Maximum value of SAR (interpolated) = 11.7 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 40.4 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 25.0 W/kg
SAR(1 g) = 7.18 mW/g; SAR(10 g) = 2.05 mW/g
Maximum value of SAR (measured) = 10.8 mW/g

0 dB = 10.8mW/g

System Check_Body_5200MHz_091019

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_091019 Medium parameters used: f = 5200 MHz; σ = 5.28 mho/m; ε_r = 47.6; ρ = 1000 kg/m^3

Ambient Temperature 22.4   ; Liquid Temperature 21.8

DASY5 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(4.29, 4.29, 4.29); Calibrated: 2009/1/21
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
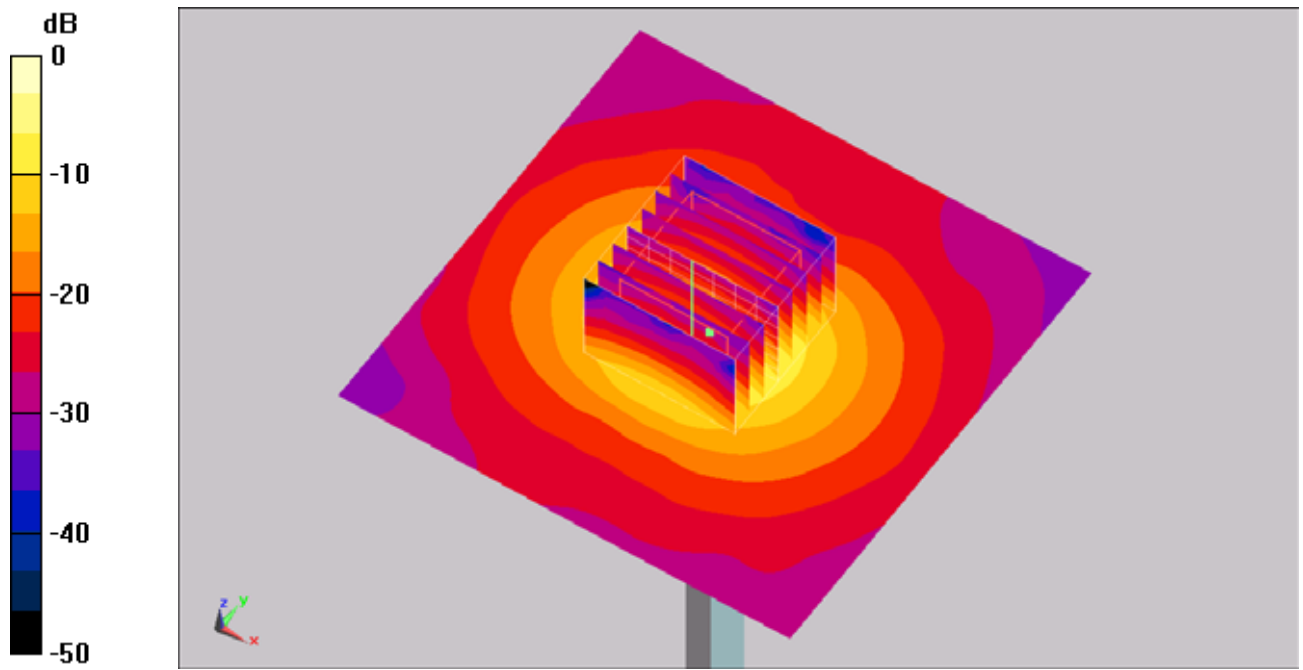Maximum value of SAR (interpolated) = 12.4 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 52.7 V/m; Power Drift = 0.098 dB
Peak SAR (extrapolated) = 27.1 W/kg
SAR(1 g) = 7.25 mW/g; SAR(10 g) = 2.03 mW/g
Maximum value of SAR (measured) = 12.2 mW/g

0 dB = 12.2mW/g

System Check_Body_5200MHz_091020

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_091020 Medium parameters used: f = 5200 MHz; σ = 5.1 mho/m; ε_r = 47.5; ρ = 1000

kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.0

DASY5 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(4.29, 4.29, 4.29); Calibrated: 2009/1/21
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
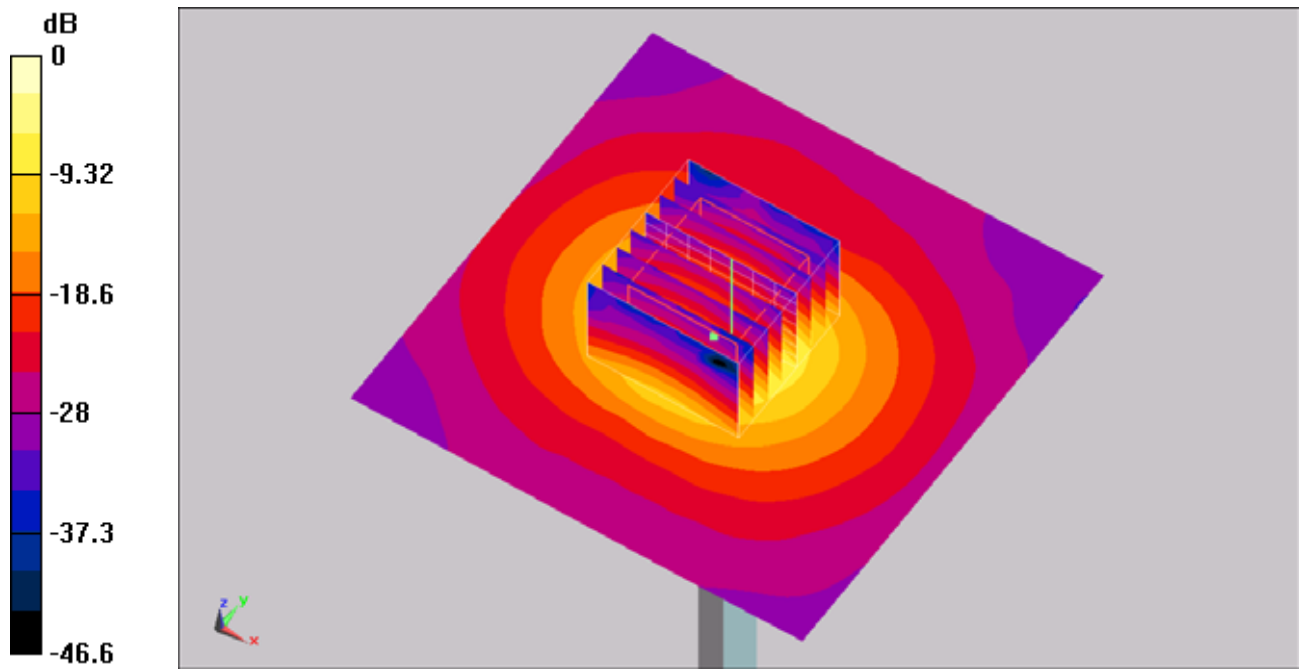Maximum value of SAR (interpolated) = 12.4 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 53.8 V/m; Power Drift = -0.044 dB
Peak SAR (extrapolated) = 26.7 W/kg
SAR(1 g) = 7.14 mW/g; SAR(10 g) = 2 mW/g
Maximum value of SAR (measured) = 12.3 mW/g

0 dB = 12.3mW/g

System Check_Head_5500MHz_091018

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: HSL_5G_091018 Medium parameters used: f = 5500 MHz; σ = 4.86 mho/m; $ε_r$ = 35.1; ρ = 1000

kg/m^3
Ambient Temperature   22.5 ; Liquid Temperature   21.5

DASY5 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(4.22, 4.22, 4.22); Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
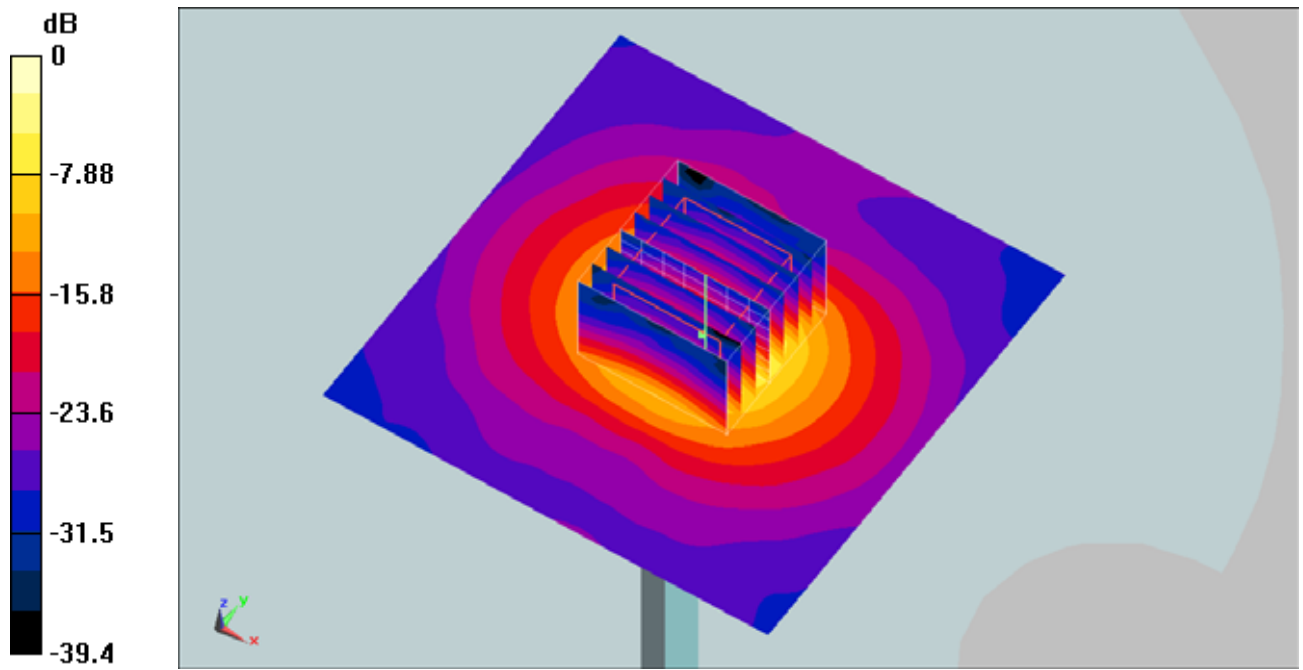Maximum value of SAR (interpolated) = 13.6 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 55.3 V/m; Power Drift = -0.097 dB
Peak SAR (extrapolated) = 38.1 W/kg
SAR(1 g) = 9.05 mW/g; SAR(10 g) = 2.51 mW/g
Maximum value of SAR (measured) = 12.9 mW/g

0 dB = 12.9mW/g

System Check_Body_5500MHz_091019

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: MSL_5G_091019 Medium parameters used: f = 5500 MHz; σ = 5.67 mho/m; ε_r = 47; ρ = 1000 kg/m^3

Ambient Temperature   22.4   ; Liquid Temperature   21.8

DASY5 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(3.88, 3.88, 3.88); Calibrated: 2009/1/21
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
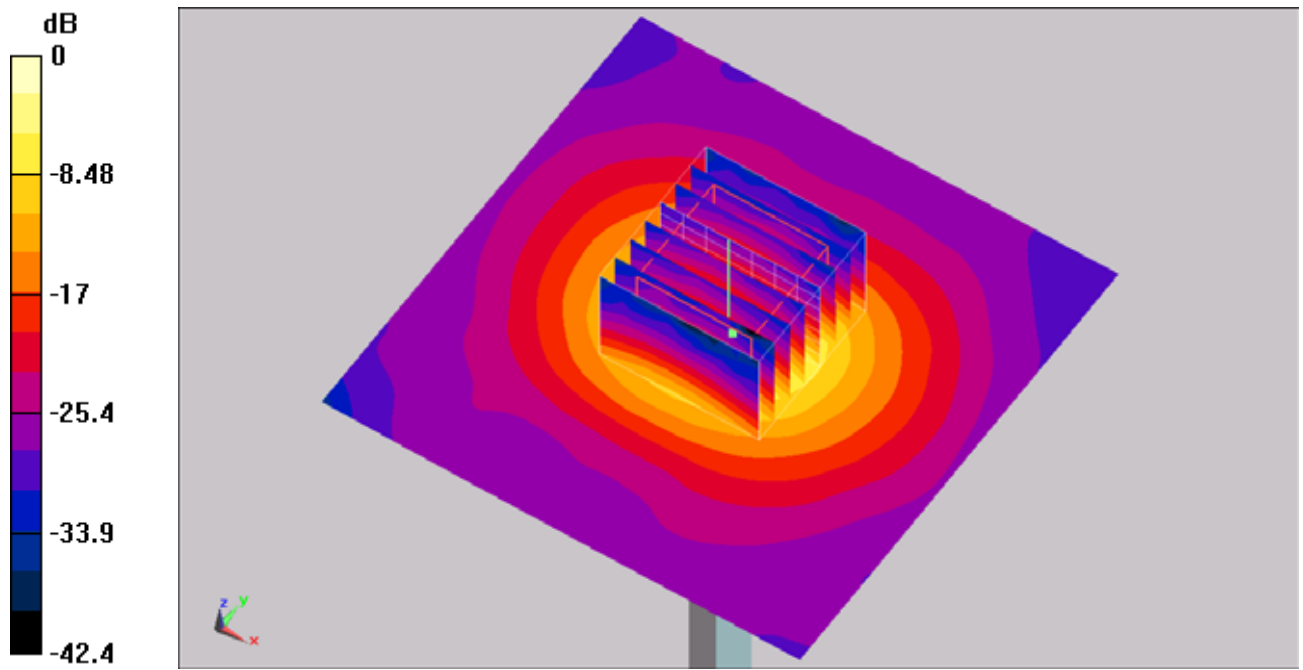Maximum value of SAR (interpolated) = 14.1 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 52 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 30.3 W/kg
SAR(1 g) = 7.91 mW/g; SAR(10 g) = 2.23 mW/g
Maximum value of SAR (measured) = 13.2 mW/g

0 dB = 13.2mW/g

System Check_Body_5500MHz_091020

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: MSL_5G_091020 Medium parameters used: f = 5500 MHz; σ = 5.47 mho/m; ε_r = 47; ρ = 1000 kg/m^3

Ambient Temperature 22.3 ; Liquid Temperature 21.0

DASY5 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(3.88, 3.88, 3.88); Calibrated: 2009/1/21
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
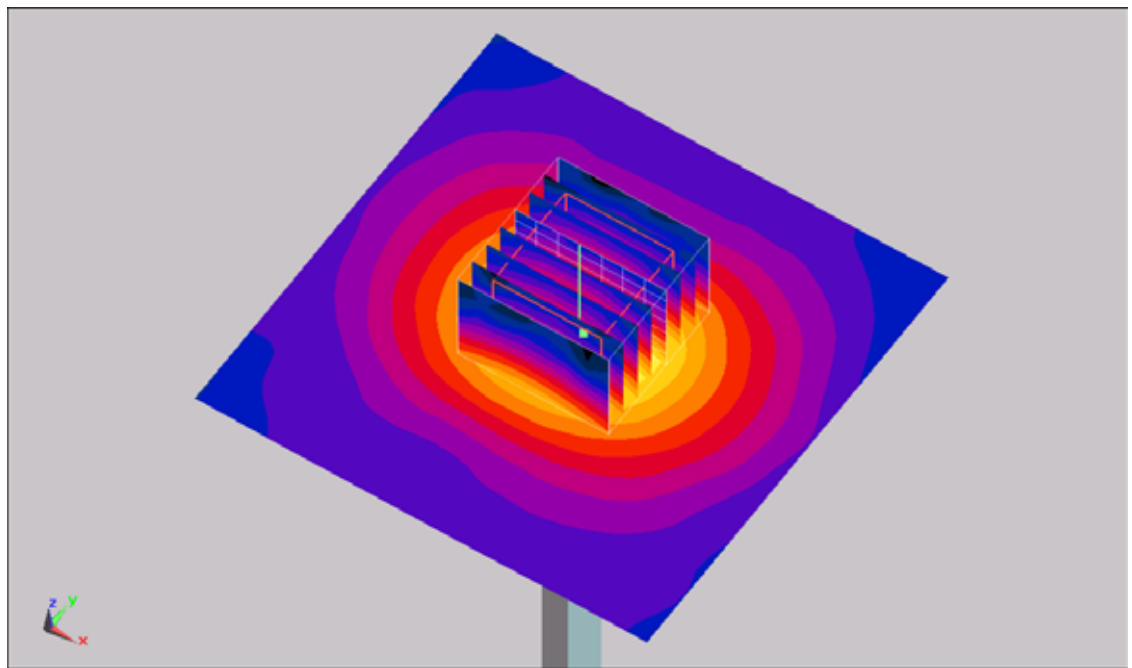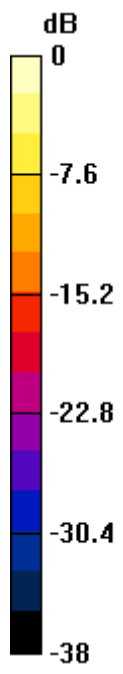Maximum value of SAR (interpolated) = 13.9 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 52.3 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 29.7 W/kg
SAR(1 g) = 7.68 mW/g; SAR(10 g) = 2.17 mW/g
Maximum value of SAR (measured) = 12.8 mW/g

0 dB = 12.8mW/g

System Check_Head_5800MHz_091018

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: HSL_5G_091018 Medium parameters used: f = 5800 MHz; σ = 5.17 mho/m; ε_r = 34.9; ρ = 1000

kg/m^3
Ambient Temperature 22.6 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(4.13, 4.13, 4.13); Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
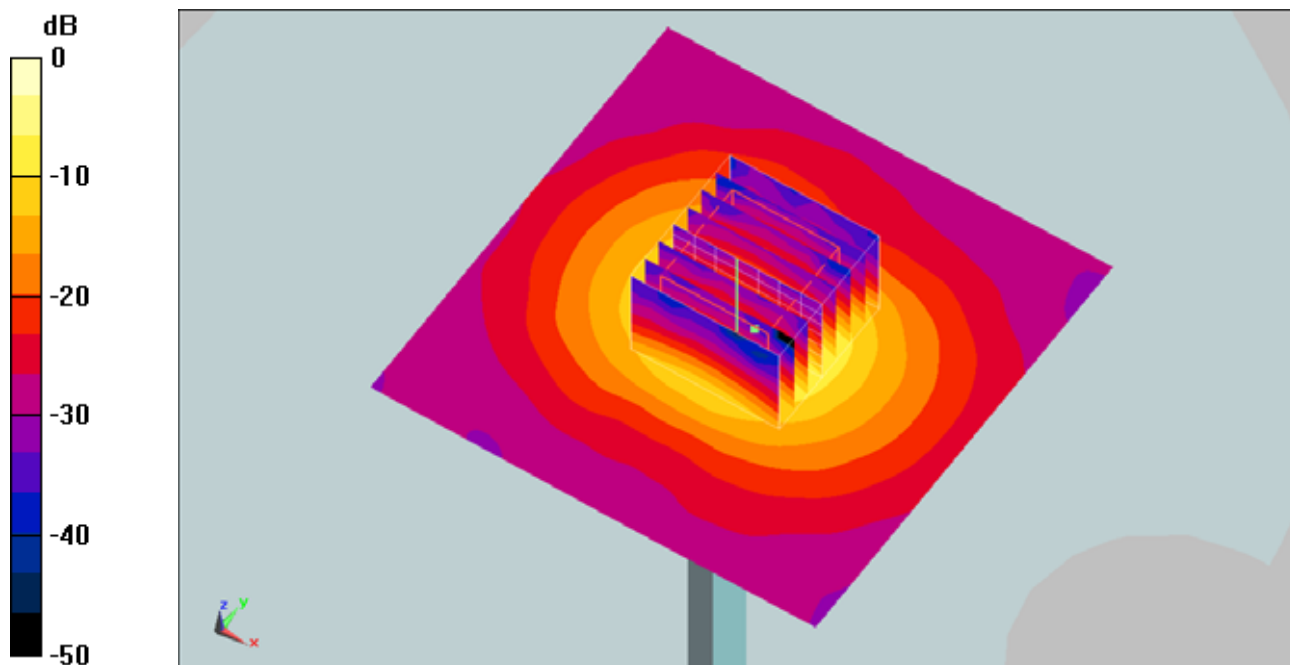Maximum value of SAR (interpolated) = 12.8 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 52.1 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 39.4 W/kg
SAR(1 g) = 8.72 mW/g; SAR(10 g) = 2.41 mW/g
Maximum value of SAR (measured) = 12.5 mW/g

0 dB = 12.5mW/g

System Check_Body_5800MHz_091019

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: MSL_5G_091019 Medium parameters used: f = 5800 MHz; σ = 6.17 mho/m; ε$_r$ = 46.5; ρ = 1000

kg/m^3
Ambient Temperature 22.4   ; Liquid Temperature 21.8

DASY5 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(3.85, 3.85, 3.85); Calibrated: 2009/1/21
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
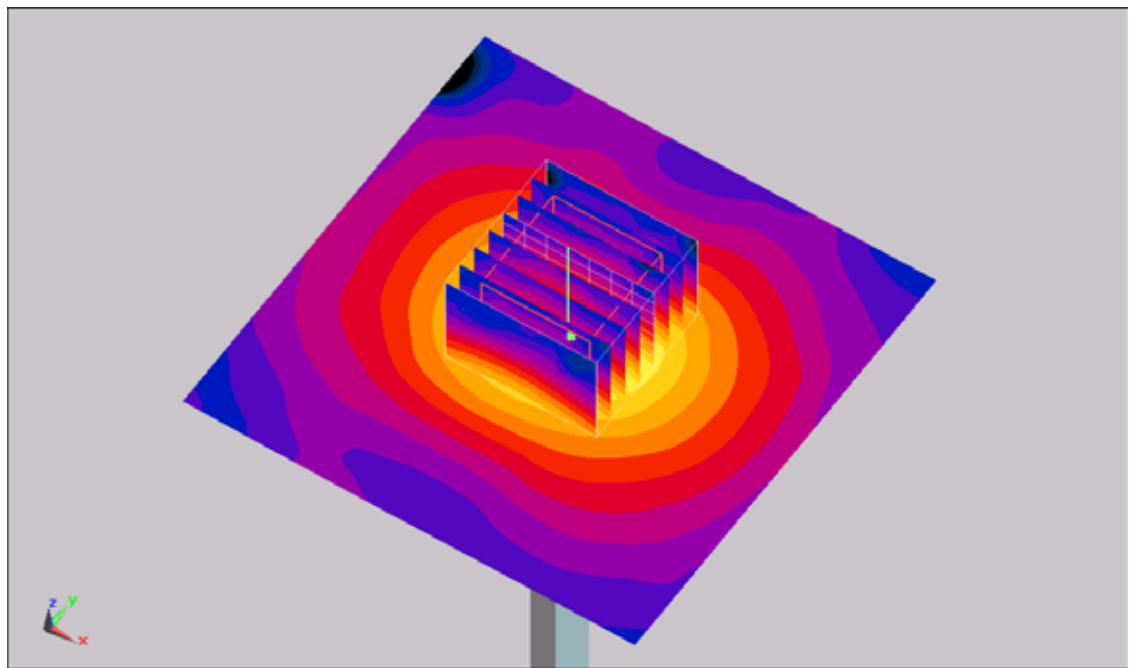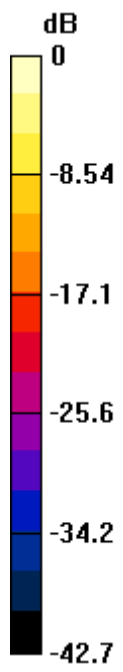Maximum value of SAR (interpolated) = 12.3 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 46.6 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 29.7 W/kg
SAR(1 g) = 6.99 mW/g; SAR(10 g) = 1.97 mW/g
Maximum value of SAR (measured) = 11.7 mW/g

0 dB = 11.7mW/g

System Check_Body_5800MHz_091020

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: MSL_5G_091020 Medium parameters used: f = 5800 MHz; σ = 5.94 mho/m; ε_r = 46.5; ρ = 1000

kg/m^3
Ambient Temperature   22.3   ; Liquid Temperature   21.0

DASY5 Configuration:
- Probe: EX3DV3 - SN3514; ConvF(3.85, 3.85, 3.85); Calibrated: 2009/1/21
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
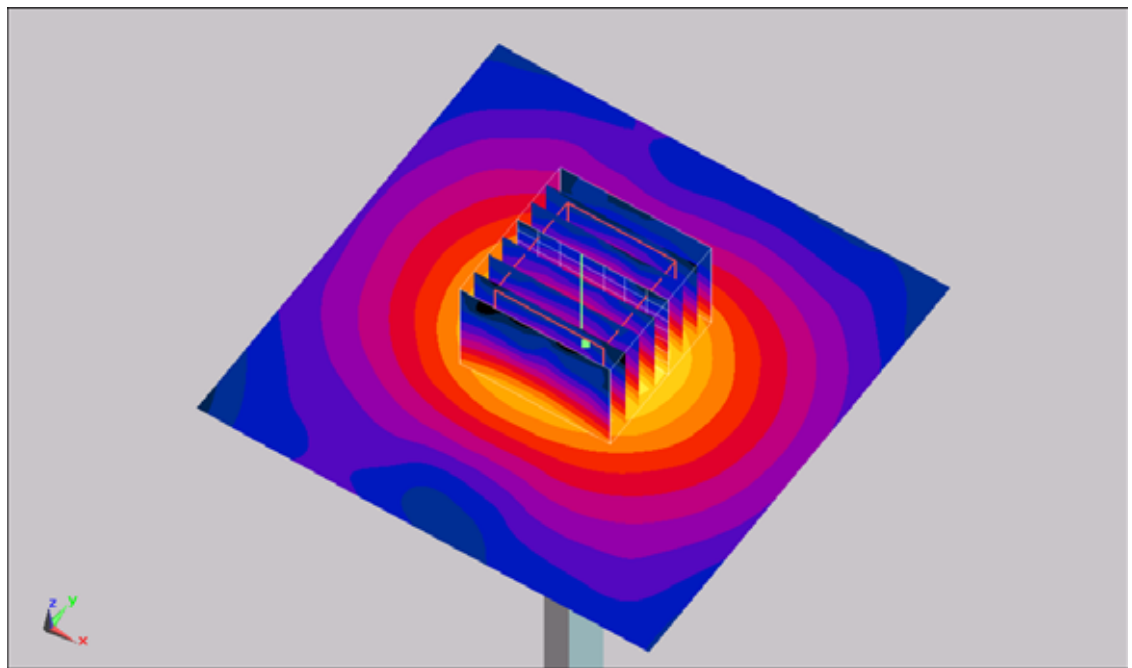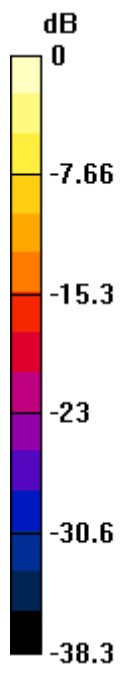Maximum value of SAR (interpolated) = 12.1 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 47 V/m; Power Drift = -0.044 dB
Peak SAR (extrapolated) = 27.5 W/kg
SAR(1 g) = 6.73 mW/g; SAR(10 g) = 1.91 mW/g
Maximum value of SAR (measured) = 11.2 mW/g

0 dB = 11.2mW/g