

System Check_Body_2450MHz_121011

DUT: D2450V2-SN:736

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121011 Medium parameters used: $f = 2450$ MHz; $\sigma = 2.015$ mho/m; $\epsilon_r = 53.957$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3305; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/9/12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 13.9 mW/g

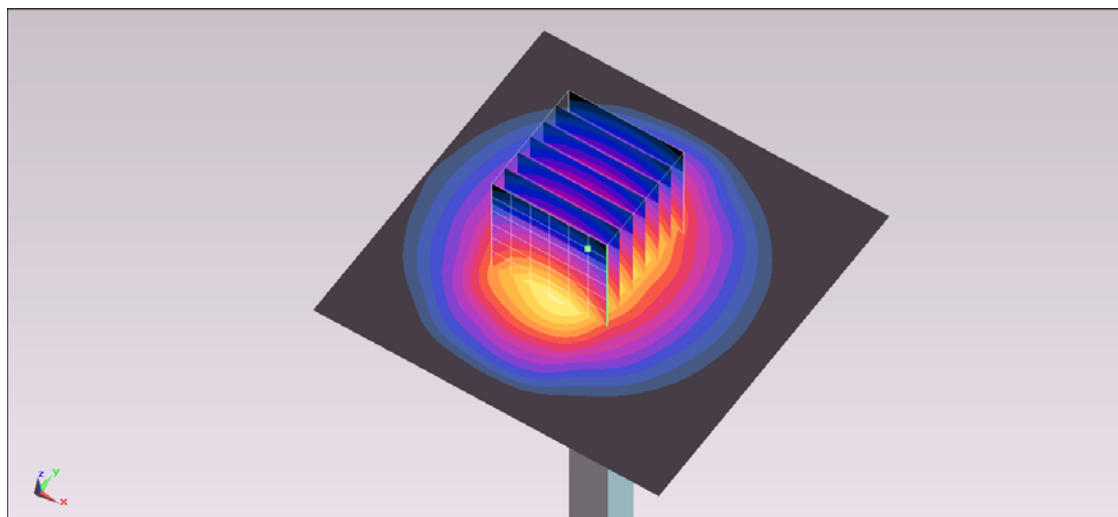
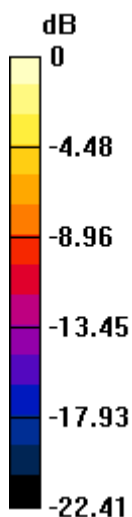
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 78.204 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 27.960 mW/g

SAR(1 g) = 12.5 mW/g; SAR(10 g) = 5.62 mW/g

Maximum value of SAR (measured) = 14.3 mW/g



0 dB = 14.3 mW/g = 23.11 dB mW/g

System Check_Body_5200MHz_120516

DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120516 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.162$ mho/m; $\epsilon_r = 48.492$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 28.5 mW/g

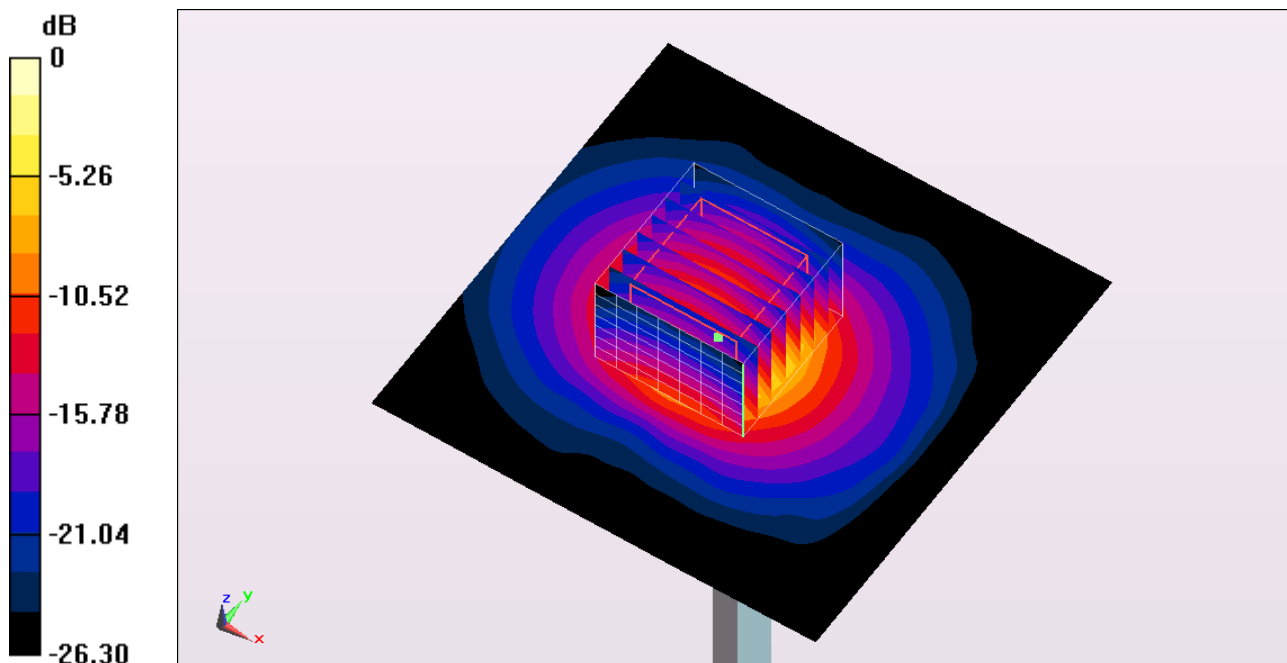
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 0.588 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 41.004 mW/g

SAR(1 g) = 16.8 mW/g; SAR(10 g) = 5.66 mW/g

Maximum value of SAR (measured) = 25.4 mW/g



0 dB = 25.4 mW/g = 28.10 dB mW/g

System Check_Body_5200MHz_121019

DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121019 Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.297 \text{ mho/m}$; $\epsilon_r = 49.185$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (91x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 28.5 mW/g

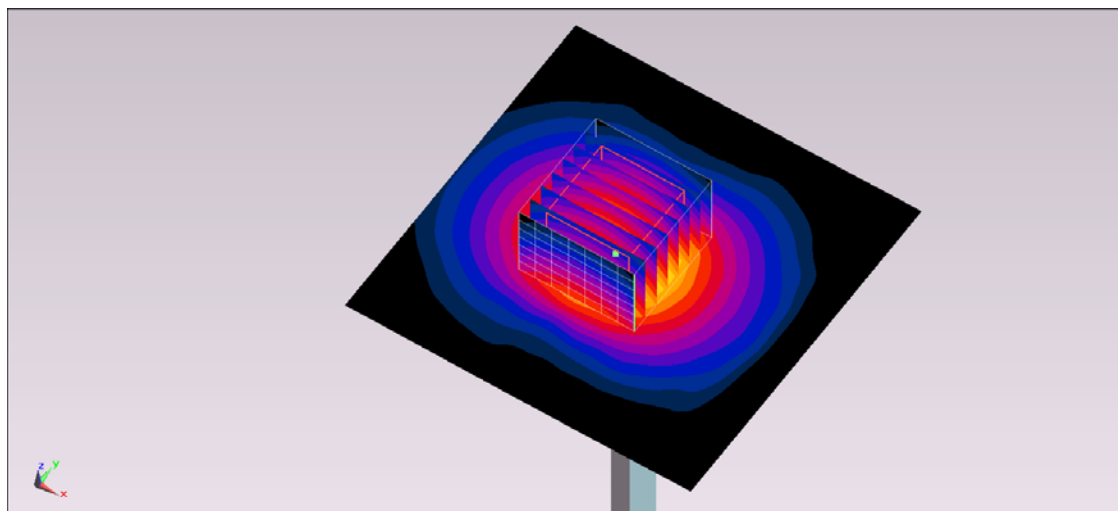
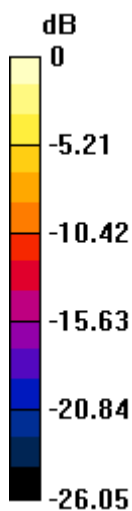
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 0.601 V/m ; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 43.572 mW/g

SAR(1 g) = 17.1 mW/g ; SAR(10 g) = 5.62 mW/g

Maximum value of SAR (measured) = 25.2 mW/g



$0 \text{ dB} = 25.2 \text{ mW/g} = 28.03 \text{ dB mW/g}$

System Check_Body_5500MHz_120516

DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120516 Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 5.587 \text{ mho/m}$; $\epsilon_r = 47.93$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 31.1 mW/g

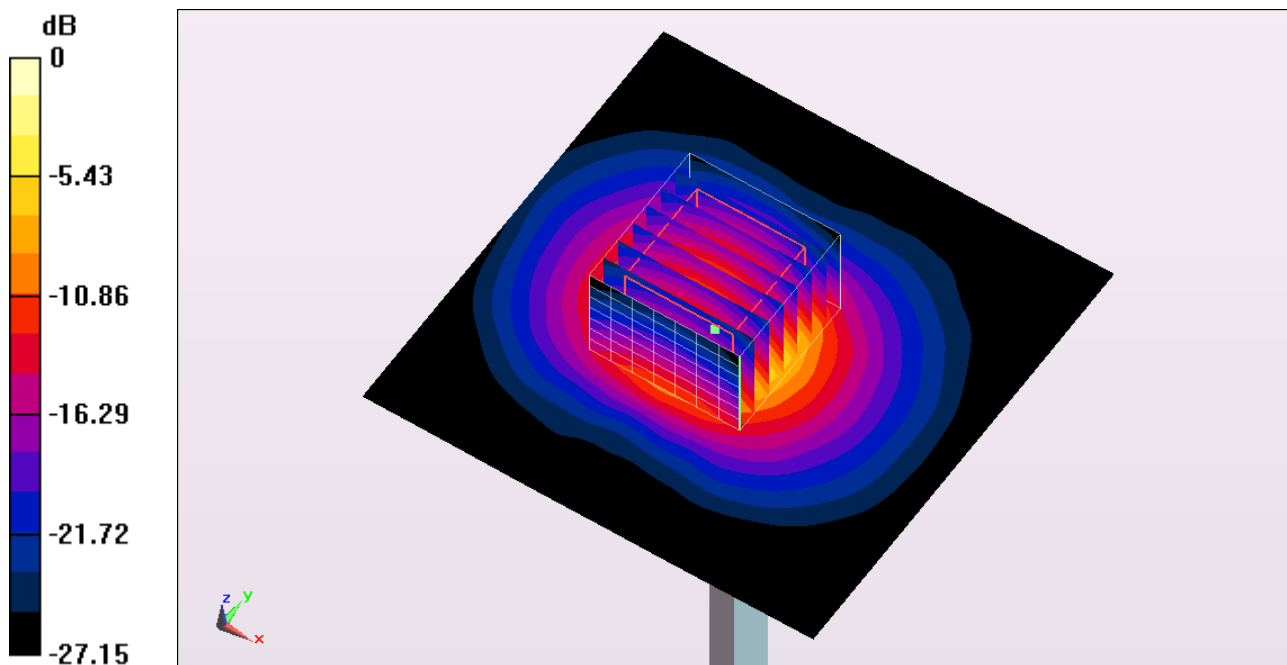
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 73.967 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 45.775 mW/g

SAR(1 g) = 18.9 mW/g; SAR(10 g) = 6.21 mW/g

Maximum value of SAR (measured) = 29.0 mW/g



0 dB = 29.0 mW/g = 29.25 dB mW/g

System Check_Body_5500MHz_121008

DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121008 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.52$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 39.7 mW/g

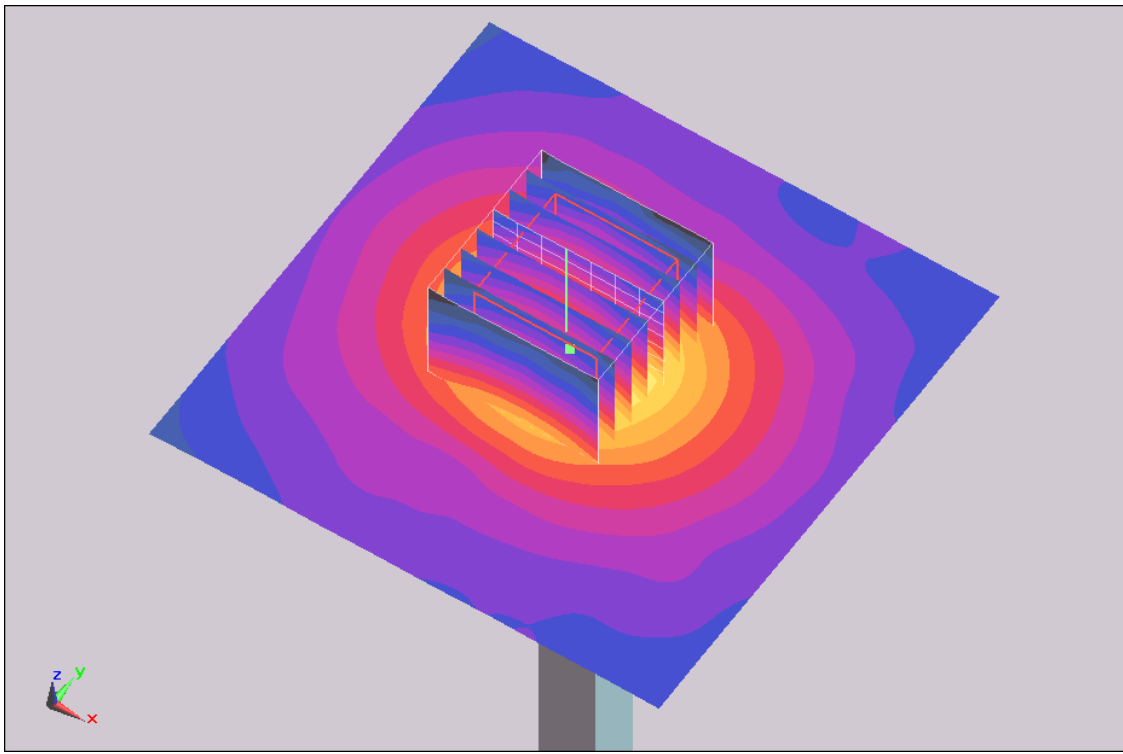
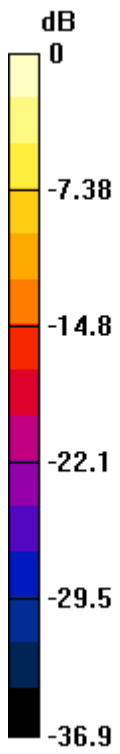
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 86.7 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 66 W/kg

SAR(1 g) = 19.7 mW/g; SAR(10 g) = 5.67 mW/g

Maximum value of SAR (measured) = 34 mW/g



0 dB = 34mW/g

System Check_Body_5800MHz_121008

DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121008 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.99$ mho/m; $\epsilon_r = 46.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 31.3 mW/g

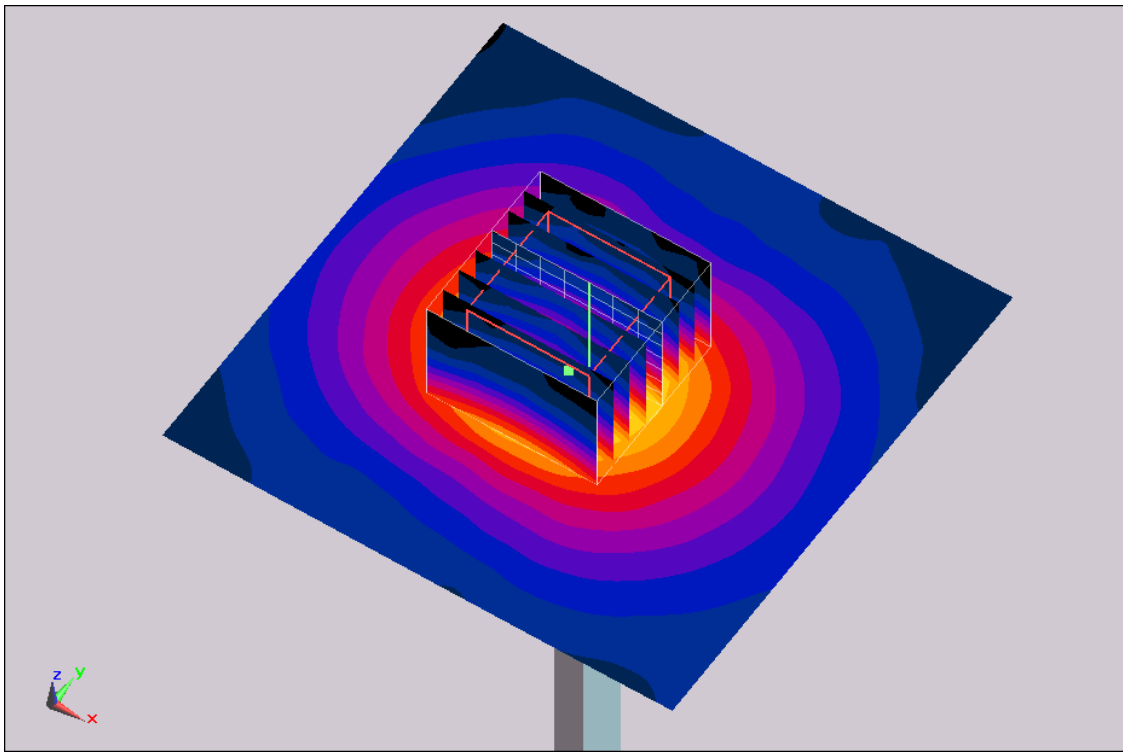
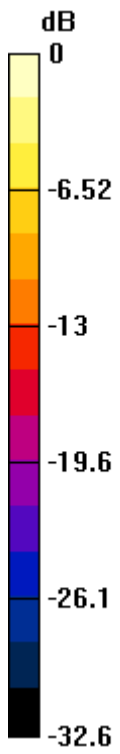
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 78 V/m; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 72.1 W/kg

SAR(1 g) = 18 mW/g; SAR(10 g) = 5.01 mW/g

Maximum value of SAR (measured) = 30.7 mW/g



0 dB = 30.7mW/g

System Check_Body_5800MHz_121017

DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121017 Medium parameters used: $f = 5800$ MHz; $\sigma = 6.113$ mho/m; $\epsilon_r = 47.156$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 25.8 mW/g

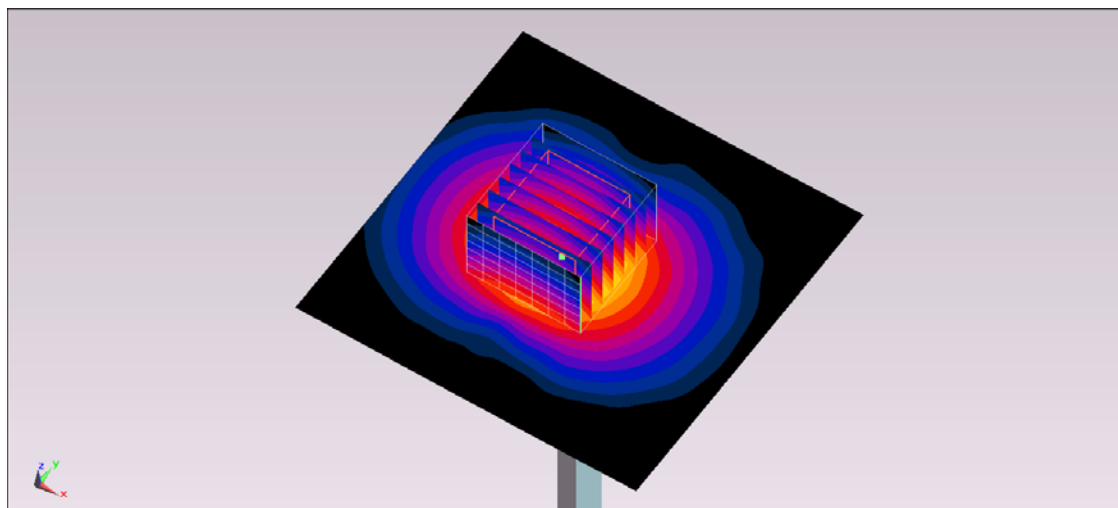
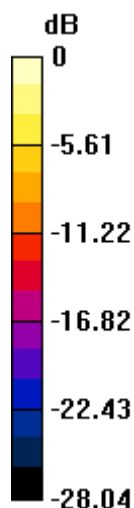
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 63.005 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 39.364 mW/g

SAR(1 g) = 17.4 mW/g; SAR(10 g) = 6.99 mW/g

Maximum value of SAR (measured) = 24.2 mW/g



0 dB = 24.2 mW/g = 27.68 dB mW/g