

System Check_Body_2450MHz_140813

DUT: D2450V2-736

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

Medium: MSL_2450_140813 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.931$ S/m; $\epsilon_r = 53.552$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.36, 7.36, 7.36); Calibrated: 2014/5/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- 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) = 19.1 W/kg

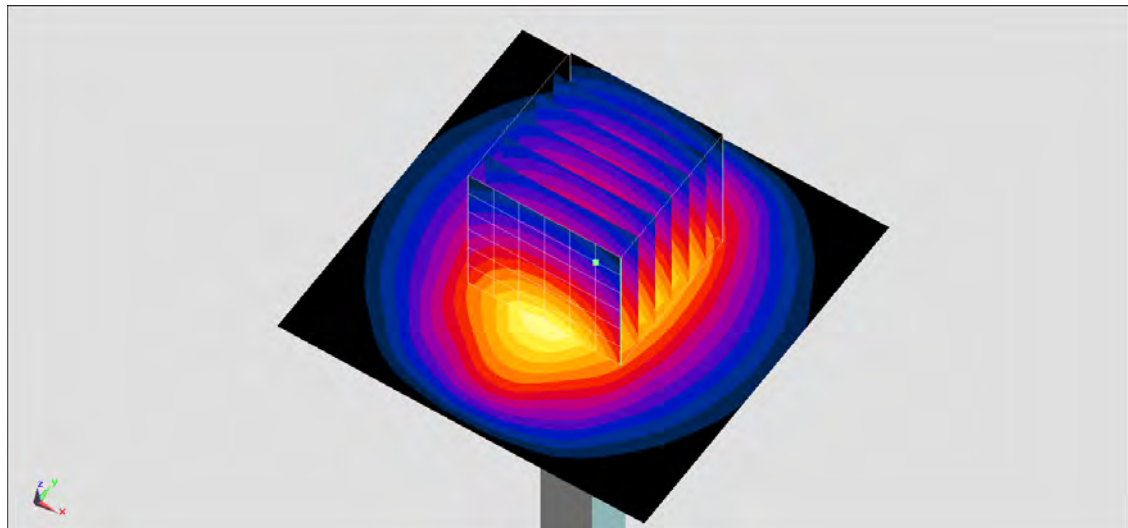
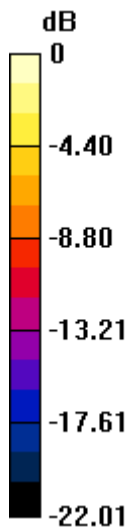
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 99.80 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 25.2 W/kg

SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.8 W/kg

Maximum value of SAR (measured) = 18.8 W/kg



0 dB = 18.8 W/kg = 12.74 dBW/kg

System Check_Body_5200MHz_140814

DUT: D5GHzV2-1040

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

Medium: MSL_5G_140814 Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.244 \text{ S/m}$; $\epsilon_r = 47.499$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.53, 4.53, 4.53); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 20.2 W/kg

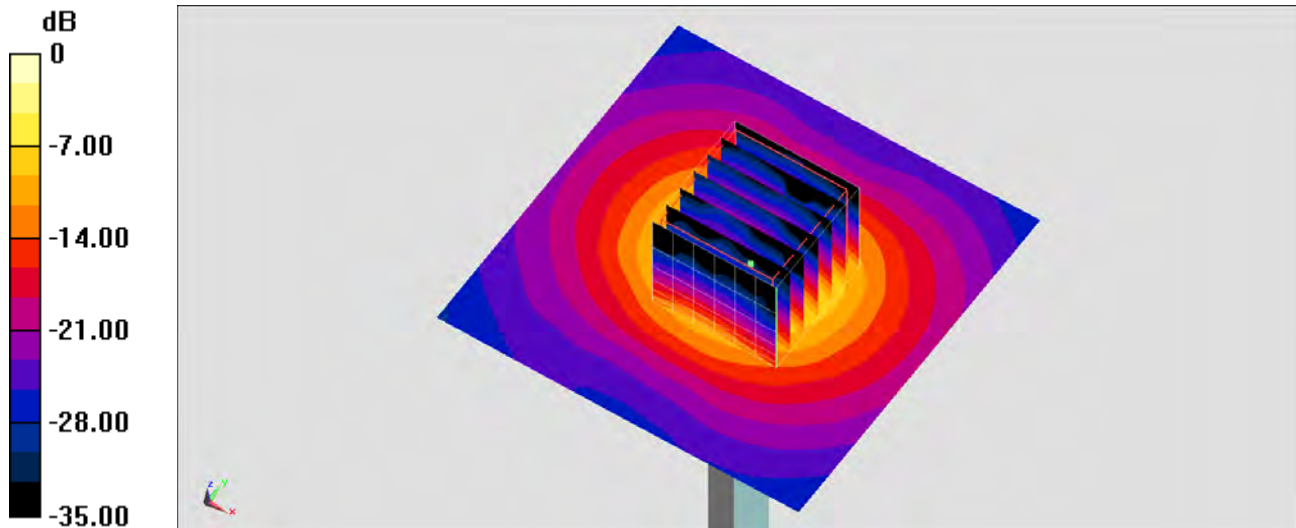
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 69.70 V/m ; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 34.6 W/kg

SAR(1 g) = 8.23 W/kg ; SAR(10 g) = 2.26 W/kg

Maximum value of SAR (measured) = 20.3 W/kg



0 dB = $20.3 \text{ W/kg} = 13.07 \text{ dBW/kg}$

System Check_Body_5200MHz_140921

DUT: D5GHzV2-1040

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

Medium: MSL_5G_140921 Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.425 \text{ S/m}$; $\epsilon_r = 47.969$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(4.64, 4.64, 4.64); Calibrated: 2013/11/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 18.8 W/kg

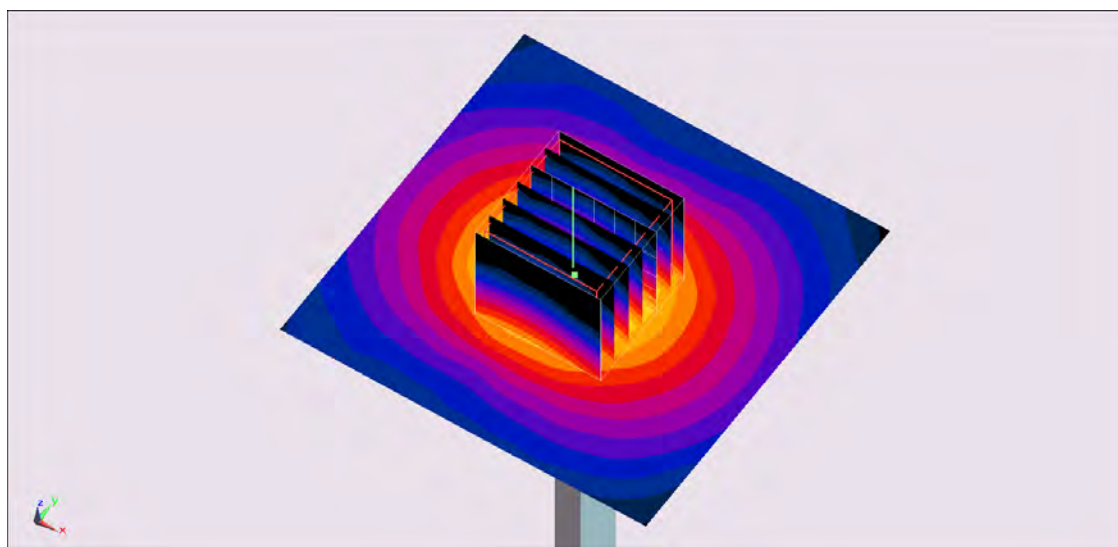
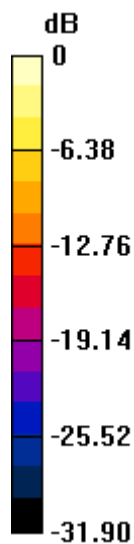
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 65.44 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 33.2 W/kg

SAR(1 g) = 8.05 W/kg ; SAR(10 g) = 2.22 W/kg

Maximum value of SAR (measured) = 19.7 W/kg



0 dB = $19.7 \text{ W/kg} = 12.94 \text{ dBW/kg}$

System Check_Body_5300MHz_140814

DUT: D5GHzV2-1040

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_140814 Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 5.38 \text{ S/m}$; $\epsilon_r = 47.244$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.36, 4.36, 4.36); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 20.8 W/kg

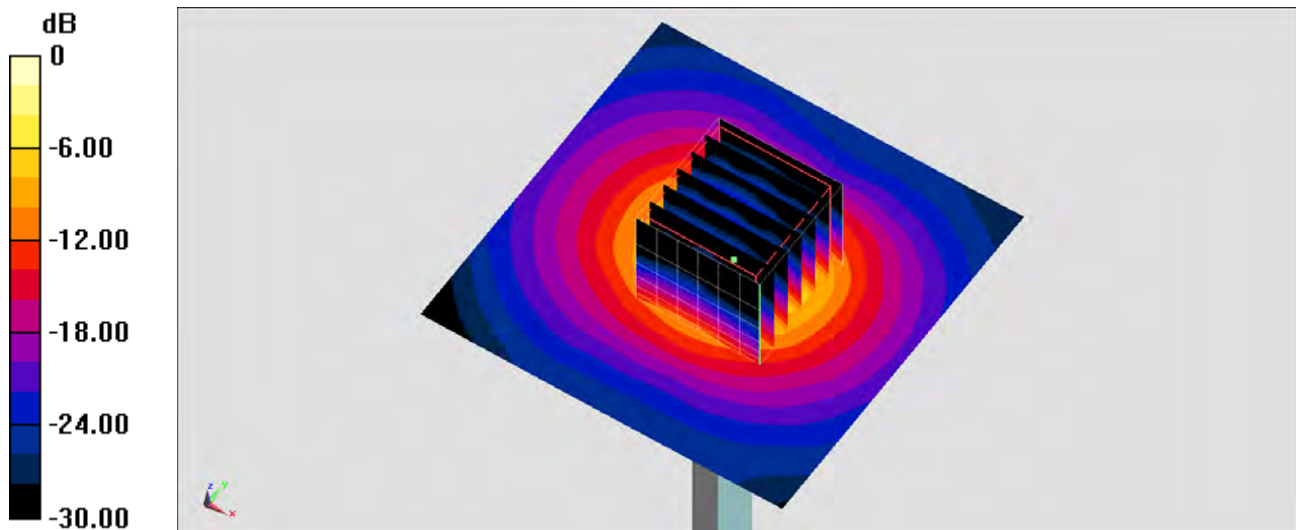
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 69.54 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 36.4 W/kg

SAR(1 g) = 8.37 W/kg ; SAR(10 g) = 2.28 W/kg

Maximum value of SAR (measured) = 21.0 W/kg



0 dB = 21.0 W/kg = 13.22 dBW/kg

System Check_Body_5300MHz_140921

DUT: D5GHzV2-1040

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_140921 Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 5.551 \text{ S/m}$; $\epsilon_r = 47.795$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(4.36, 4.36, 4.36); Calibrated: 2013/11/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 19.3 W/kg

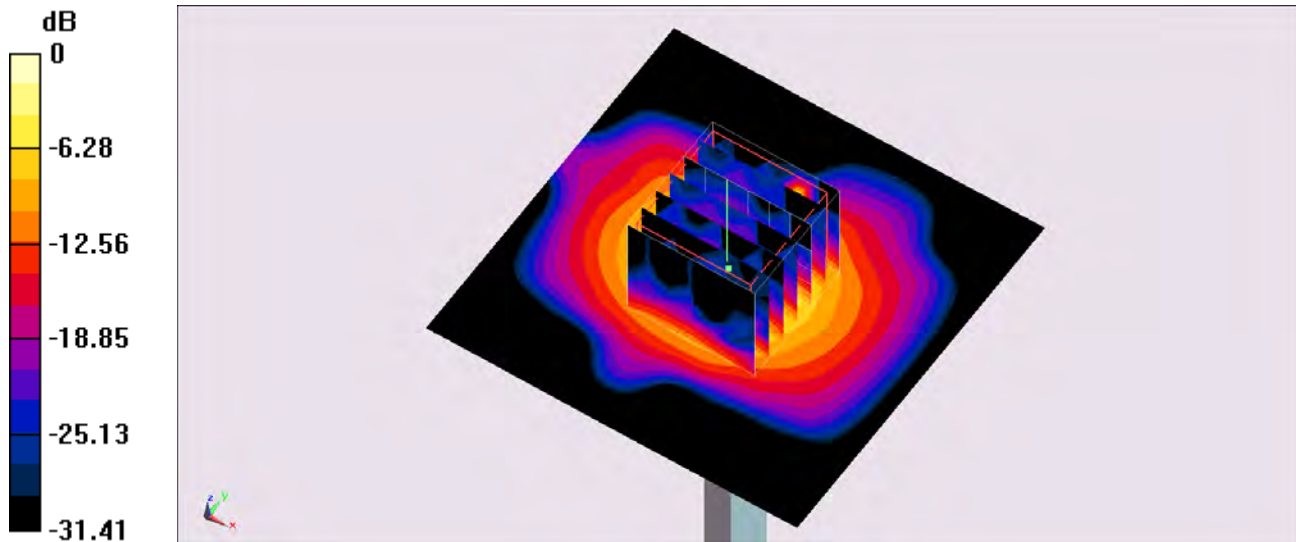
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 66.26 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 34.1 W/kg

SAR(1 g) = 7.46 W/kg ; SAR(10 g) = 2.04 W/kg

Maximum value of SAR (measured) = 18.7 W/kg



0 dB = $18.7 \text{ W/kg} = 12.72 \text{ dBW/kg}$

System Check_Body_5600MHz_140815

DUT: D5GHzV2-1040

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: MSL_5G_140815 Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.642 \text{ S/m}$; $\epsilon_r = 46.786$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.12, 4.12, 4.12); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 23.6 W/kg

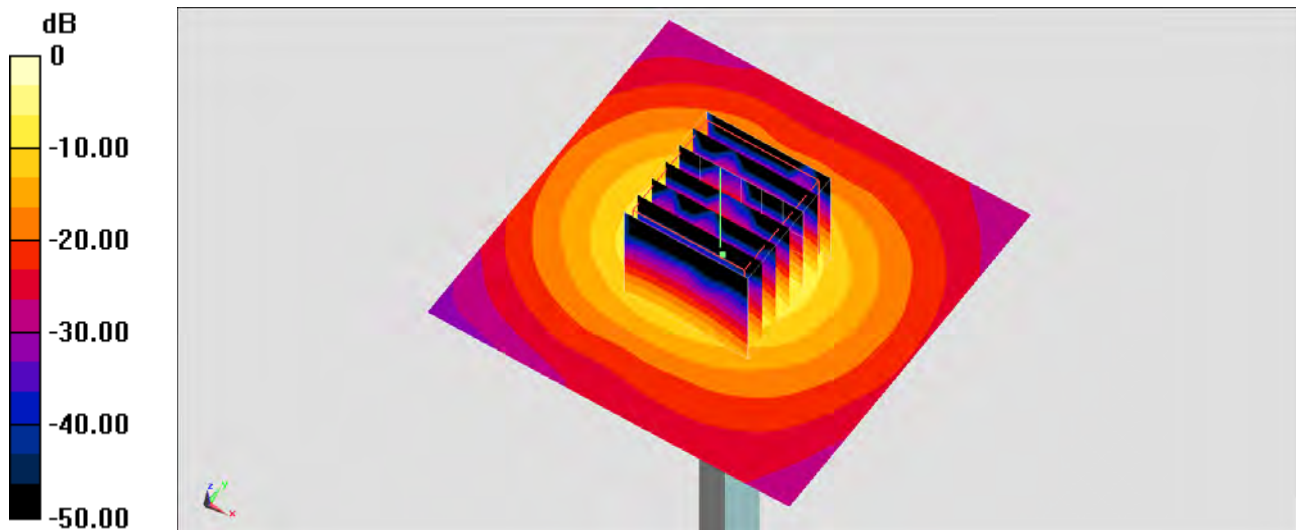
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 71.04 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 42.1 W/kg

SAR(1 g) = 8.72 W/kg ; SAR(10 g) = 2.31 W/kg

Maximum value of SAR (measured) = 22.1 W/kg



0 dB = $22.1 \text{ W/kg} = 13.44 \text{ dBW/kg}$

System Check_Body_5600MHz_140921

DUT: D5GHzV2-1040

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: MSL_5G_140921 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.947$ S/m; $\epsilon_r = 47.276$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/11/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 28.1 W/kg

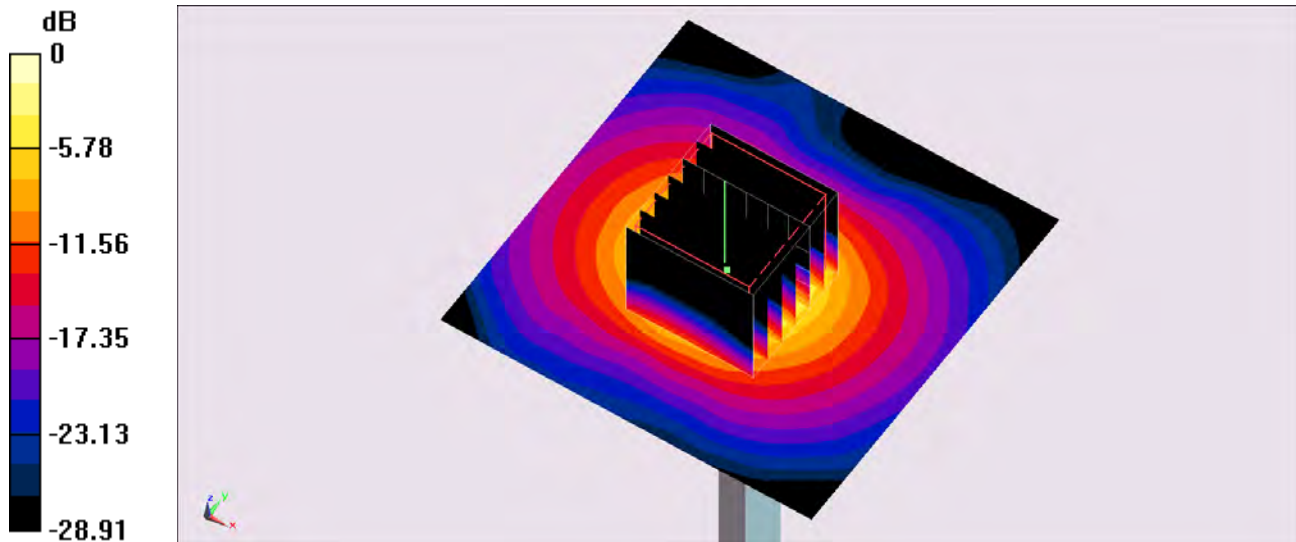
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 60.66 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 40.2 W/kg

SAR(1 g) = 7.61 W/kg; SAR(10 g) = 2.04 W/kg

Maximum value of SAR (measured) = 20.2 W/kg



0 dB = 20.2 W/kg = 13.05 dBW/kg

System Check_Body_5800MHz_140815

DUT: D5GHzV2-1040

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

Medium: MSL_5G_140815 Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 5.981 \text{ S/m}$; $\epsilon_r = 46.515$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.09, 4.09, 4.09); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 21.4 W/kg

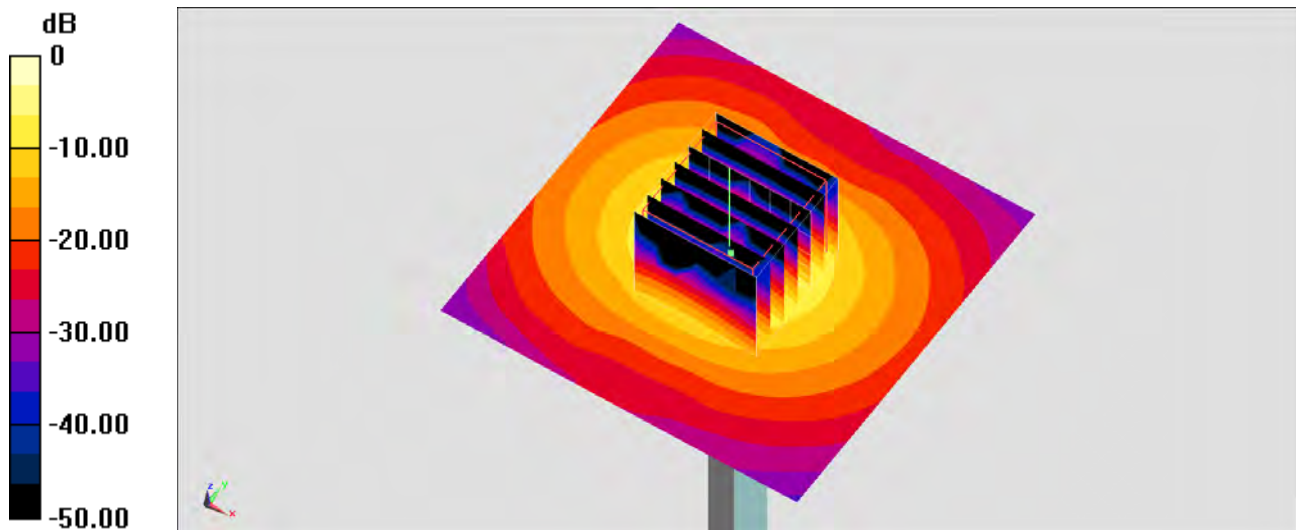
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 68.38 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 37.6 W/kg

SAR(1 g) = 7.85 W/kg ; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (measured) = 20.9 W/kg



0 dB = 20.9 W/kg = 13.20 dBW/kg

System Check_Body_5800MHz_140921

DUT: D5GHzV2-1040

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

Medium: MSL_5G_140921 Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 6.236 \text{ S/m}$; $\epsilon_r = 47.008$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(4.25, 4.25, 4.25); Calibrated: 2013/11/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 27.1 W/kg

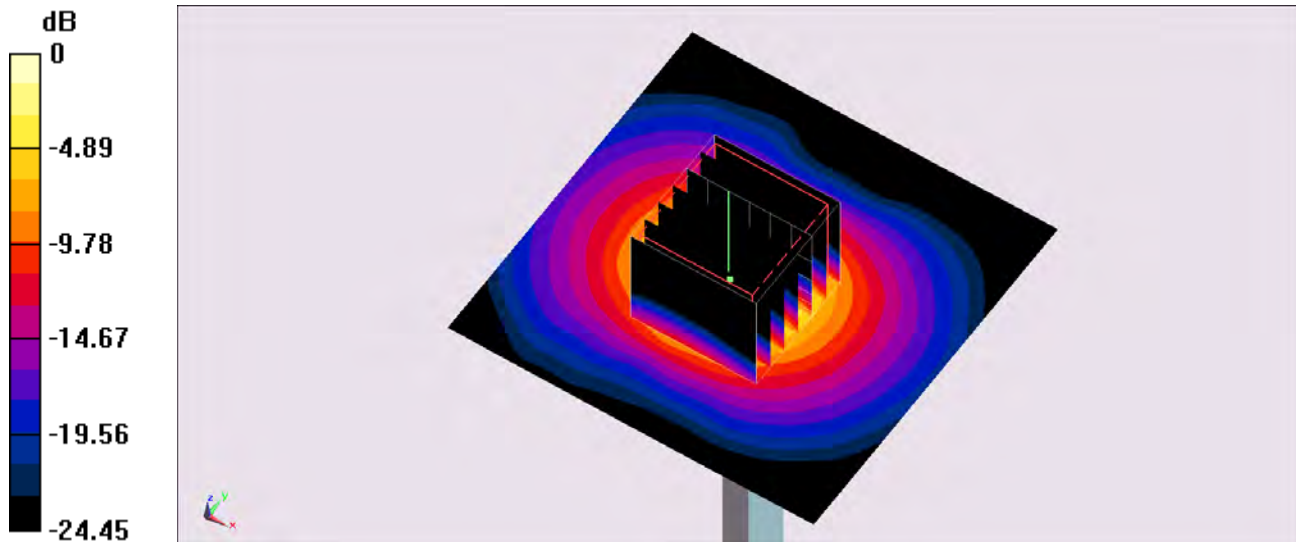
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 60.81 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 35.5 W/kg

SAR(1 g) = 7.46 W/kg ; SAR(10 g) = 2.01 W/kg

Maximum value of SAR (measured) = 19.5 W/kg



0 dB = $19.5 \text{ W/kg} = 12.90 \text{ dBW/kg}$