# System Check Head 750MHz

#### **DUT: D750V3-1107**

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: HSL 750 190704 Medium parameters used: f = 750 MHz;  $\sigma = 0.893$  S/m;  $\varepsilon_r = 40.476$ ;  $\rho = 1000$ 

Date: 2019/7/4

 $kg/m^3$ 

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

## DASY5 Configuration:

- Probe: EX3DV4 SN3931; ConvF(10.54, 10.54, 10.54) @ 750 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

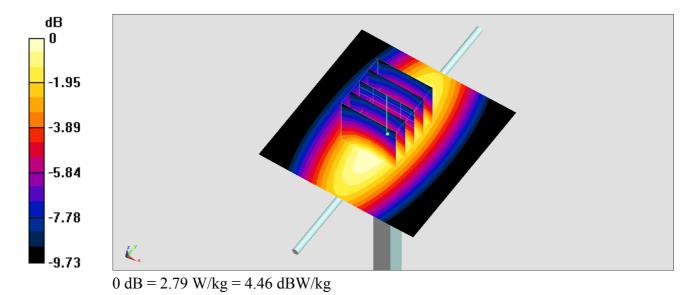
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.88 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.12 W/kg

SAR(1 g) = 2.16 W/kg; SAR(10 g) = 1.46 W/kg

Maximum value of SAR (measured) = 2.79 W/kg



## System Check Head 750MHz

#### **DUT: D750V3-1107**

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: HSL 750 190705 Medium parameters used: f = 750 MHz;  $\sigma = 0.89$  S/m;  $\varepsilon_r = 40.559$ ;  $\rho = 1000$ 

Date: 2019/7/5

 $kg/m^3$ 

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

### DASY5 Configuration:

- Probe: EX3DV4 SN3931; ConvF(10.54, 10.54, 10.54) @ 750 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm Maximum value of SAR (interpolated) = 2.87 W/kg

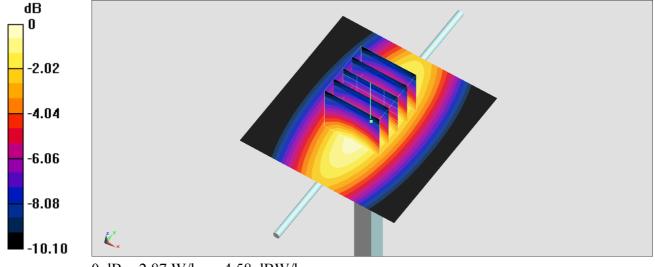
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.60 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.18 W/kg

SAR(1 g) = 2.2 W/kg; SAR(10 g) = 1.47 W/kg

Maximum value of SAR (measured) = 2.87 W/kg



0 dB = 2.87 W/kg = 4.58 dBW/kg

# System Check Head 835MHz

#### **DUT: D835V2-4d167**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL 850 190704 Medium parameters used: f = 835 MHz;  $\sigma = 0.894$  S/m;  $\varepsilon_T = 41.646$ ;  $\rho = 1000$ 

Date: 2019/7/4

 $kg/m^3$ 

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

### DASY5 Configuration:

- Probe: EX3DV4 SN3931; ConvF(10.07, 10.07, 10.07) @ 835 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm Maximum value of SAR (interpolated) = 3.12 W/kg

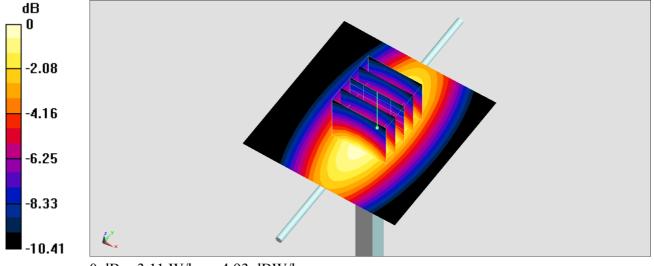
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.98 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.48 W/kg

SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.54 W/kg

Maximum value of SAR (measured) = 3.11 W/kg



0 dB = 3.11 W/kg = 4.93 dBW/kg

# System Check Head 835MHz

#### **DUT: D835V2-4d167**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL 850 190705 Medium parameters used: f = 835 MHz; σ = 0.874 S/m;  $ε_r = 42.757$ ; ρ = 1000

Date: 2019/7/5

 $kg/m^3$ 

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

## DASY5 Configuration:

- Probe: EX3DV4 SN3931; ConvF(10.07, 10.07, 10.07) @ 835 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm Maximum value of SAR (interpolated) = 3.19 W/kg

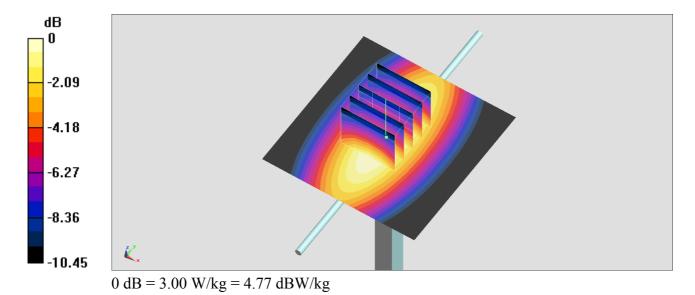
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 64.03 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 3.39 W/kg

SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.5 W/kg

Maximum value of SAR (measured) = 3.00 W/kg



# System Check Head 1750MHz

#### **DUT: D1750V2-1112**

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL 1750 190709 Medium parameters used: f = 1750 MHz; σ = 1.369 S/m;  $ε_r = 40.623$ ; ρ = 1000

Date: 2019/7/9

 $kg/m^3$ 

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

### DASY5 Configuration:

- Probe: ES3DV3 SN3169; ConvF(5.34, 5.34, 5.34) @ 1750 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm Maximum value of SAR (interpolated) = 11.8 W/kg

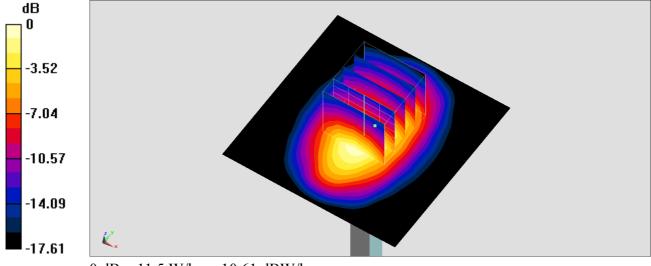
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.73 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 16.3 W/kg

SAR(1 g) = 9.26 W/kg; SAR(10 g) = 4.95 W/kg

Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 11.5 W/kg = 10.61 dBW/kg

# System Check Head 1900MHz

#### **DUT: D1900V2-5d041**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL 1900 190708 Medium parameters used: f = 1900 MHz; σ = 1.427 S/m;  $ε_r = 40.973$ ; ρ = 1000

Date: 2019/7/8

 $kg/m^3$ 

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

### DASY5 Configuration:

- Probe: ES3DV3 SN3169; ConvF(5.14, 5.14, 5.14) @ 1900 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

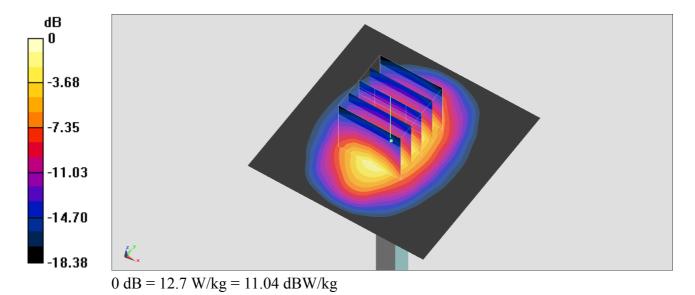
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.57 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 18.6 W/kg

SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.24 W/kg

Maximum value of SAR (measured) = 12.7 W/kg



# System Check Head 1900MHz

### **DUT: D1900V2-5d041**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL 1900 190709 Medium parameters used: f = 1900 MHz; σ = 1.417 S/m;  $ε_r = 40.406$ ; ρ = 1000

Date: 2019/7/9

 $kg/m^3$ 

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

### DASY5 Configuration:

- Probe: ES3DV3 SN3169; ConvF(5.14, 5.14, 5.14) @ 1900 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm Maximum value of SAR (interpolated) = 14.7 W/kg

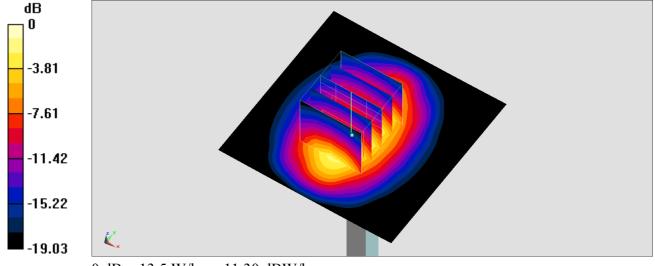
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.4 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 19.9 W/kg

SAR(1 g) = 10.7 W/kg; SAR(10 g) = 5.52 W/kg

Maximum value of SAR (measured) = 13.5 W/kg



0 dB = 13.5 W/kg = 11.30 dBW/kg

# System Check Head 2450MHz

### **DUT: D2450V2-736**

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

Medium: HSL 2450 190716 Medium parameters used f = 2450 MHz;  $\sigma = 1.756$  S/m;  $\varepsilon_r = 38.688$ ;  $\rho =$ 

Date: 2019/7/16

 $1000 \text{ kg/m}^3$ 

Ambient Temperature: 23.9 °C; Liquid Temperature: 22.9 °C

### DASY5 Configuration:

- Probe: EX3DV4 SN3931; ConvF(7.54, 7.54, 7.54) @ 2450 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=250mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm Maximum value of SAR (interpolated) = 23.4 W/kg

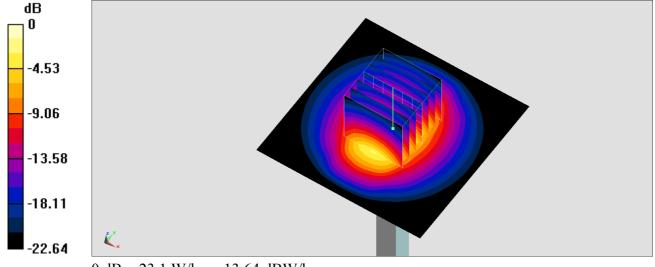
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 118.3 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 28.9 W/kg

SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.17 W/kg

Maximum value of SAR (measured) = 23.1 W/kg



0 dB = 23.1 W/kg = 13.64 dBW/kg

# System Check Head 2600MHz

### **DUT: D2600V2-1078**

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL 2600 190706 Medium parameters used: f = 2600 MHz;  $\sigma = 2.034$  S/m;  $\varepsilon_r = 39.934$ ;  $\rho = 1000$ 

Date: 2019/7/6

 $kg/m^3$ 

Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

### DASY5 Configuration:

- Probe: EX3DV4 SN3931; ConvF(7.3, 7.3, 7.3) @ 2600 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm Maximum value of SAR (interpolated) = 27.2 W/kg

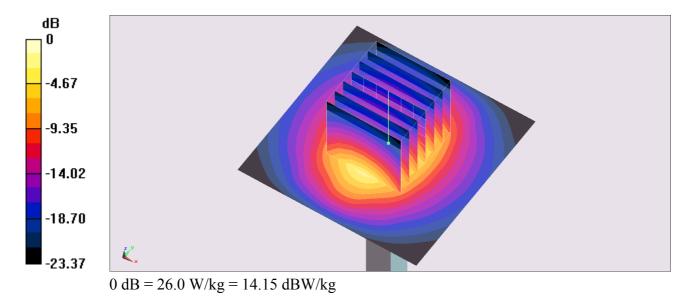
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 125.0 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 33.2 W/kg

SAR(1 g) = 14.8 W/kg; SAR(10 g) = 6.69 W/kg

Maximum value of SAR (measured) = 26.0 W/kg



# System Check Head 2600MHz

#### **DUT: D2600V2-1078**

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL 2600 190708 Medium parameters used: f = 2600 MHz; σ = 1.971 S/m;  $ε_r = 38.337$ ; ρ = 1000

Date: 2019/7/8

 $kg/m^3$ 

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

## DASY5 Configuration:

- Probe: ES3DV3 SN3169; ConvF(4.38, 4.38, 4.38) @ 2600 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm Maximum value of SAR (interpolated) = 18.4 W/kg

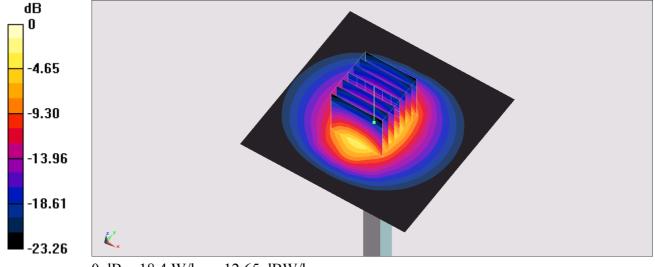
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 98.88 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 29.8 W/kg

SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.18 W/kg

Maximum value of SAR (measured) = 18.4 W/kg



0 dB = 18.4 W/kg = 12.65 dBW/kg

# System Check Head 5250MHz

#### **DUT: D5GHzV2-1006**

Communication System: CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: HSL 5G 190711 Medium parameters used: f = 5250 MHz;  $\sigma = 4.511$  S/m;  $\varepsilon_r = 36.846$ ;  $\rho = 1000$ 

Date: 2019/7/11

 $kg/m^3$ 

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

### DASY5 Configuration:

- Probe: EX3DV4 SN3642; ConvF(4.54, 4.54, 4.54) @ 5250 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm Maximum value of SAR (interpolated) = 20.0 W/kg

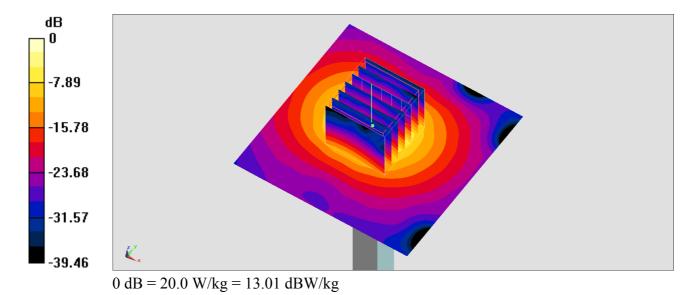
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 56.57 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 32.2 W/kg

SAR(1 g) = 8.12 W/kg; SAR(10 g) = 2.24 W/kg

Maximum value of SAR (measured) = 20.0 W/kg



## System Check Head 5250MHz

#### **DUT: D5GHzV2-1006**

Communication System: CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: HSL 5G 190714 Medium parameters used: f = 5250 MHz;  $\sigma = 4.529$  S/m;  $\varepsilon_r = 36.966$ ;  $\rho = 1000$ 

Date: 2019/7/14

 $kg/m^3$ 

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

### DASY5 Configuration:

- Probe: EX3DV4 SN3642; ConvF(4.54, 4.54, 4.54) @ 5250 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm Maximum value of SAR (interpolated) = 20.1 W/kg

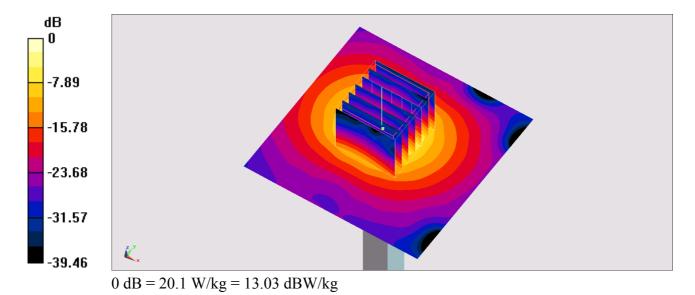
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 56.57 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 32.4 W/kg

SAR(1 g) = 8.15 W/kg; SAR(10 g) = 2.25 W/kg

Maximum value of SAR (measured) = 20.1 W/kg



# System Check Head 5250MHz

#### **DUT: D5GHzV2-1006**

Communication System: CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: HSL 5G 190717 Medium parameters used: f = 5250 MHz;  $\sigma = 4.617$  S/m;  $\varepsilon_r = 37.421$ ;  $\rho = 1000$ 

Date: 2019/7/17

 $kg/m^3$ 

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

### DASY5 Configuration:

- Probe: EX3DV4 SN3931; ConvF(5.12, 5.12, 5.12) @ 5250 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm Maximum value of SAR (interpolated) = 19.9 W/kg

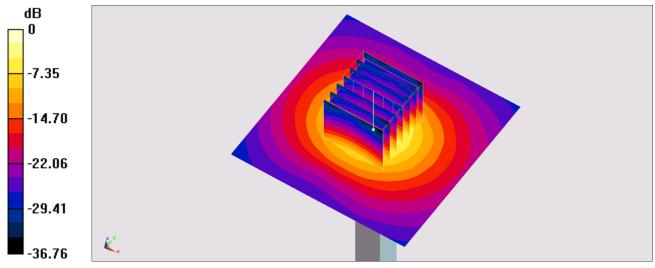
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 74.05 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 33.4 W/kg

SAR(1 g) = 8.24 W/kg; SAR(10 g) = 2.39 W/kg

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



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

## System Check Head 5600MHz

#### **DUT: D5GHzV2-1006**

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

Medium: HSL 5G 190714 Medium parameters used: f = 5600 MHz;  $\sigma = 4.873$  S/m;  $\varepsilon_r = 36.449$ ;  $\rho = 1000$ 

Date: 2019/7/14

 $kg/m^3$ 

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

### DASY5 Configuration:

- Probe: EX3DV4 SN3642; ConvF(4.28, 4.28, 4.28) @ 5600 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm Maximum value of SAR (interpolated) = 20.0 W/kg

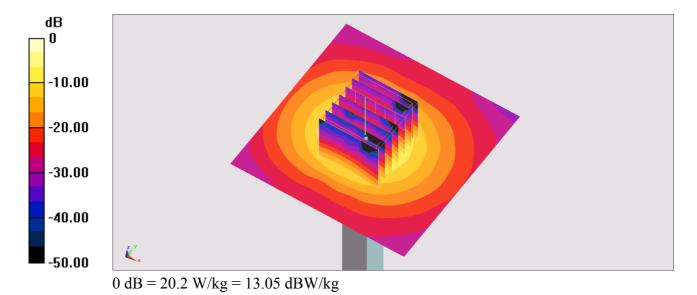
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 67.74 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 35.3 W/kg

SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.19 W/kg

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



# System Check Head 5600MHz

#### **DUT: D5GHzV2-1006**

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

Medium: HSL 5G 190717 Medium parameters used: f = 5600 MHz;  $\sigma = 4.977$  S/m;  $\varepsilon_r = 36.936$ ;  $\rho = 1000$ 

Date: 2019/7/17

 $kg/m^3$ 

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

### DASY5 Configuration:

- Probe: EX3DV4 SN3931; ConvF(4.47, 4.47, 4.47) @ 5600 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm Maximum value of SAR (interpolated) = 22.0 W/kg

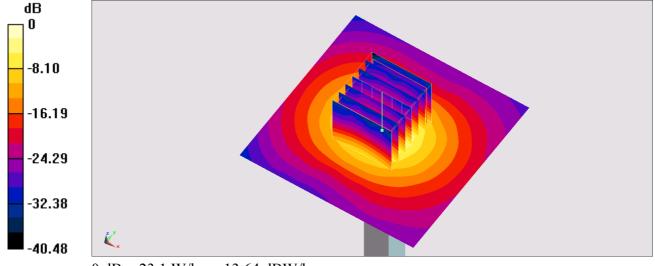
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 75.30 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 38.2 W/kg

SAR(1 g) = 8.95 W/kg; SAR(10 g) = 2.58 W/kg

Maximum value of SAR (measured) = 23.1 W/kg



0 dB = 23.1 W/kg = 13.64 dBW/kg

# System Check Head 5750MHz

#### **DUT: D5GHzV2-1006**

Communication System: CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL 5G 190717 Medium parameters used: f = 5750 MHz;  $\sigma = 5.132$  S/m;  $\varepsilon_r = 36.675$ ;  $\rho = 1000$ 

Date: 2019/7/17

 $kg/m^3$ 

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

## DASY5 Configuration:

- Probe: EX3DV4 SN3931; ConvF(4.72, 4.72, 4.72) @ 5750 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

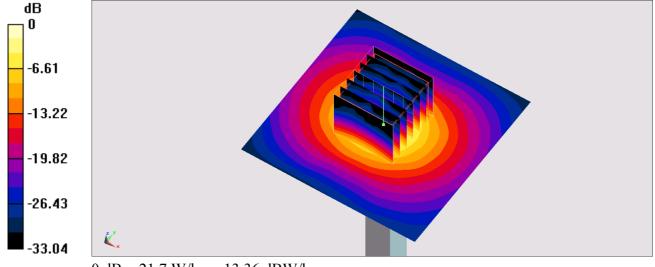
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 71.75 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 37.0 W/kg

SAR(1 g) = 8.26 W/kg; SAR(10 g) = 2.37 W/kg

Maximum value of SAR (measured) = 21.7 W/kg



0 dB = 21.7 W/kg = 13.36 dBW/kg