# System Check Head 2450MHz

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

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

Medium: HSL 2450 190614 Medium parameters used: f = 2450 MHz;  $\sigma = 1.77$  S/m;  $\varepsilon_r = 38.53$ ;  $\rho = 1000$ 

Date: 2019/6/14

 $kg/m^3$ 

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

### DASY5 Configuration:

- Probe: EX3DV4 SN3728; ConvF(7.11, 7.11, 7.11); Calibrated: 2019/1/15
- 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 (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm Maximum value of SAR (interpolated) = 22.1 W/kg

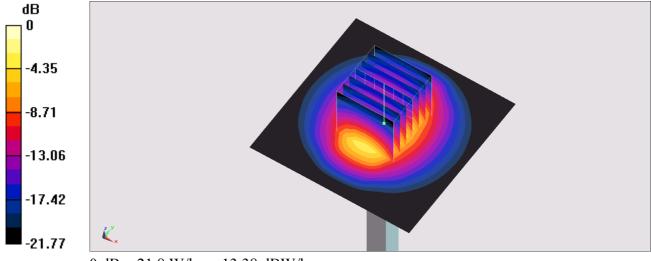
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 115.1 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 26.8 W/kg

SAR(1 g) = 13 W/kg; SAR(10 g) = 6.06 W/kg

Maximum value of SAR (measured) = 21.8 W/kg



0 dB = 21.8 W/kg = 13.38 dBW/kg

# System Check Head 5250MHz

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

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

Medium: HSL 5G 190613 Medium parameters used: f = 5250 MHz;  $\sigma = 4.712$  S/m;  $\varepsilon_r = 35.965$ ;  $\rho = 1000$ 

Date: 2019/6/13

 $kg/m^3$ 

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

### DASY5 Configuration:

- Probe: EX3DV4 SN3728; ConvF(4.77, 4.77, 4.77); Calibrated: 2019/1/15
- 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=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm Maximum value of SAR (interpolated) = 22.7 W/kg

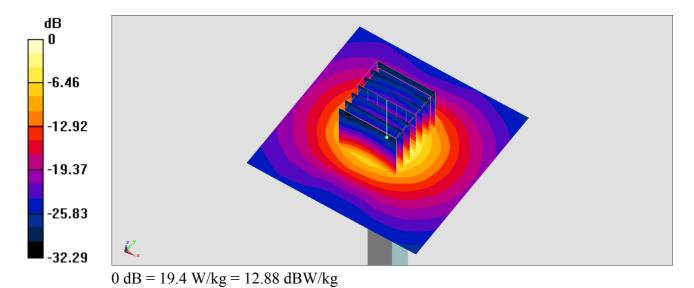
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 68.76 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 30.6 W/kg

SAR(1 g) = 7.63 W/kg; SAR(10 g) = 2.19 W/kg

Maximum value of SAR (measured) = 19.4 W/kg



# System Check Head 5600MHz

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

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

Medium: HSL 5G 190613 Medium parameters used: f = 5600 MHz;  $\sigma = 5.071$  S/m;  $\varepsilon_r = 35.514$ ;  $\rho = 1000$ 

Date: 2019/6/13

 $kg/m^3$ 

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

### DASY5 Configuration:

- Probe: EX3DV4 SN3728; ConvF(4.2, 4.2, 4.2); Calibrated: 2019/1/15
- 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=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm Maximum value of SAR (interpolated) = 20.4 W/kg

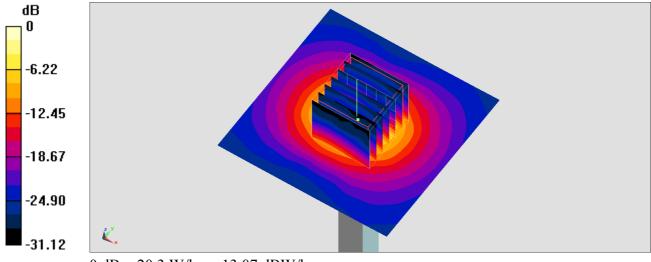
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 68.58 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 34.7 W/kg

SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.21 W/kg

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



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

# System Check Head 5750MHz

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

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

Medium: HSL 5G 190613 Medium parameters used: f = 5750 MHz;  $\sigma = 5.221$  S/m;  $\varepsilon_r = 35.365$ ;  $\rho = 1000$ 

Date: 2019/6/13

 $kg/m^3$ 

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

### DASY5 Configuration:

- Probe: EX3DV4 SN3728; ConvF(4.26, 4.26, 4.26); Calibrated: 2019/1/15
- 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=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm Maximum value of SAR (interpolated) = 20.5 W/kg

Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 68.60 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 36.4 W/kg

SAR(1 g) = 8.13 W/kg; SAR(10 g) = 2.31 W/kg

Maximum value of SAR (measured) = 20.6 W/kg

