

20180625_SystemPerformanceCheck-D2600V2 SN 1097

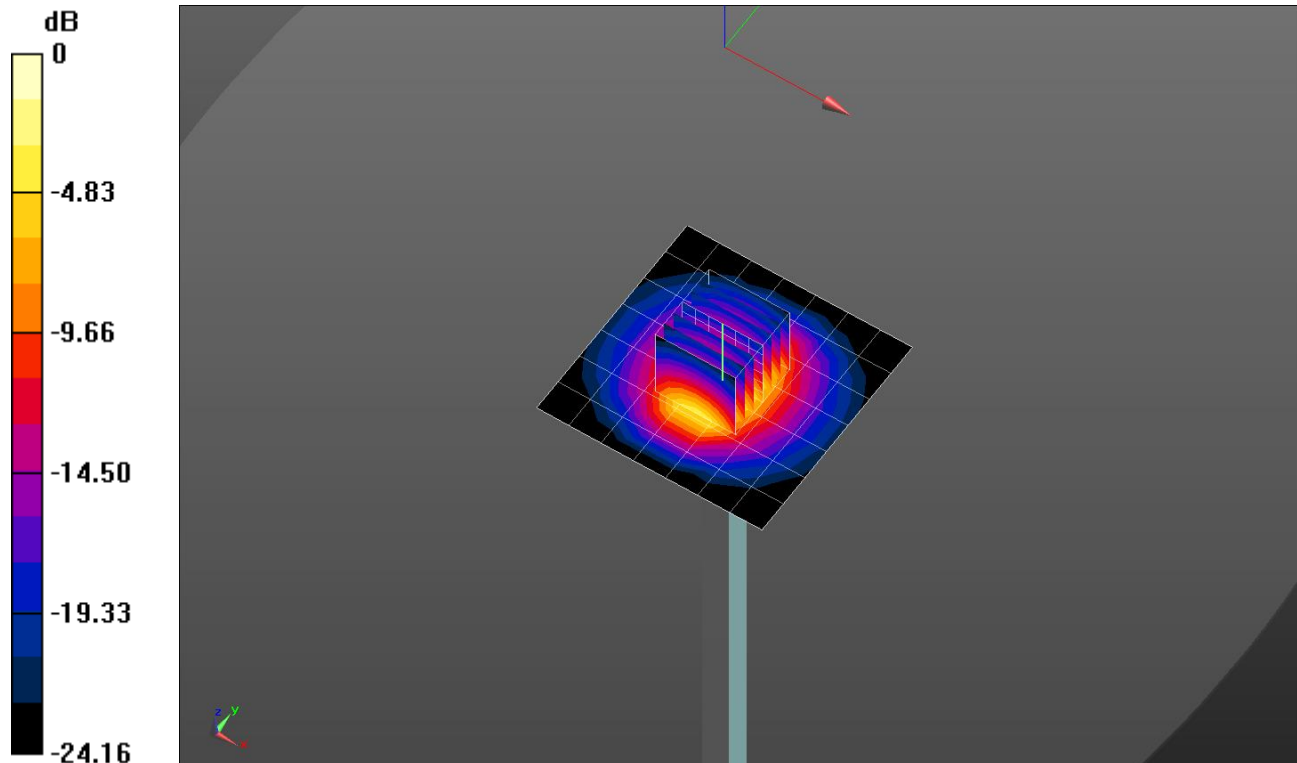
Frequency: 2600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.163$ S/m; $\epsilon_r = 52.003$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1468; Calibrated: 2017-08-22
- Probe: EX3DV4 - SN7376; ConvF(7.4, 7.4, 7.4); Calibrated: 2017-08-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg); Type: QD OVA 003 AA; Serial: 2013

Body/Pin=100 mW/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 5.42 W/kg

Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 60.81 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 11.8 W/kg
SAR(1 g) = 5.39 W/kg; SAR(10 g) = 2.34 W/kg
Maximum value of SAR (measured) = 7.88 W/kg

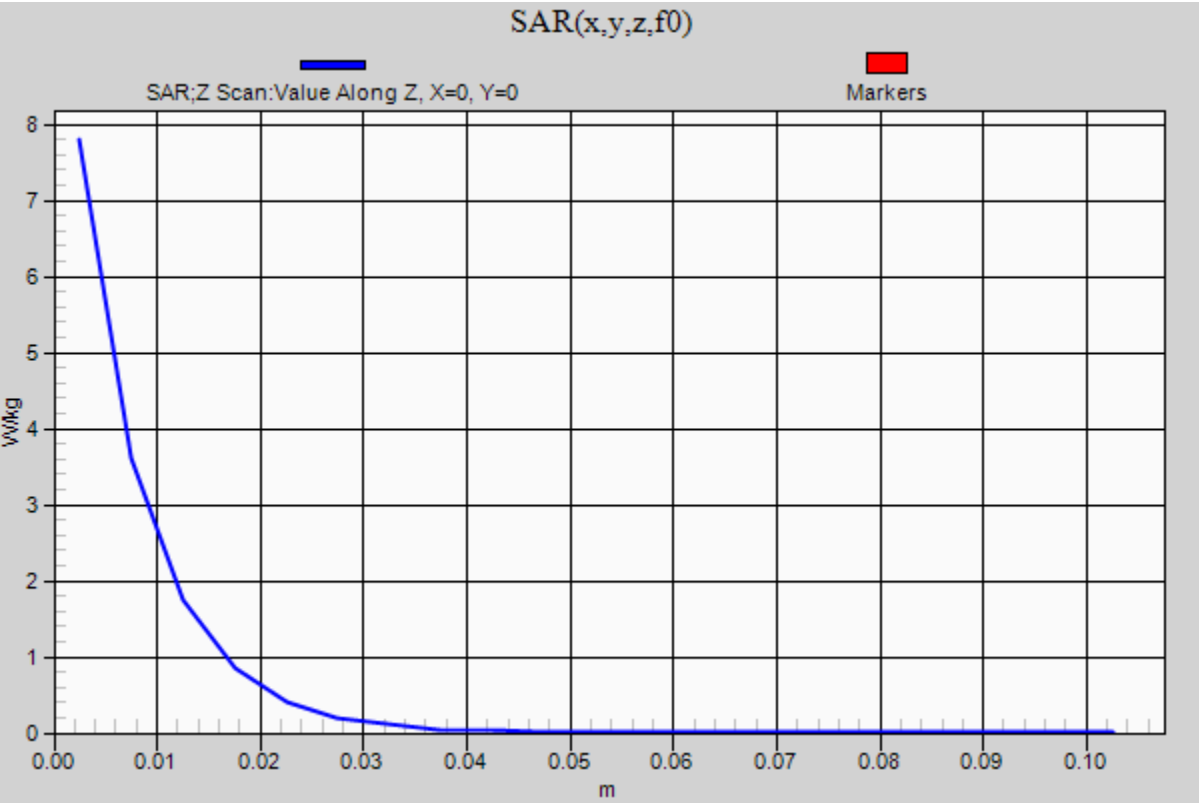


0 dB = 7.88 W/kg = 8.97 dBW/kg

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Frequency: 2600 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 7.80 W/kg



20180703_SystemPerformanceCheck-D2450V2 SN 939

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.993$ S/m; $\epsilon_r = 53.785$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1468; Calibrated: 2017-08-22
- Probe: EX3DV4 - SN7330; ConvF(7.79, 7.79, 7.79); Calibrated: 2018-01-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg); Type: QD OVA 003 AA; Serial: 2013

Body/Pin=100 mW/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 5.13 W/kg

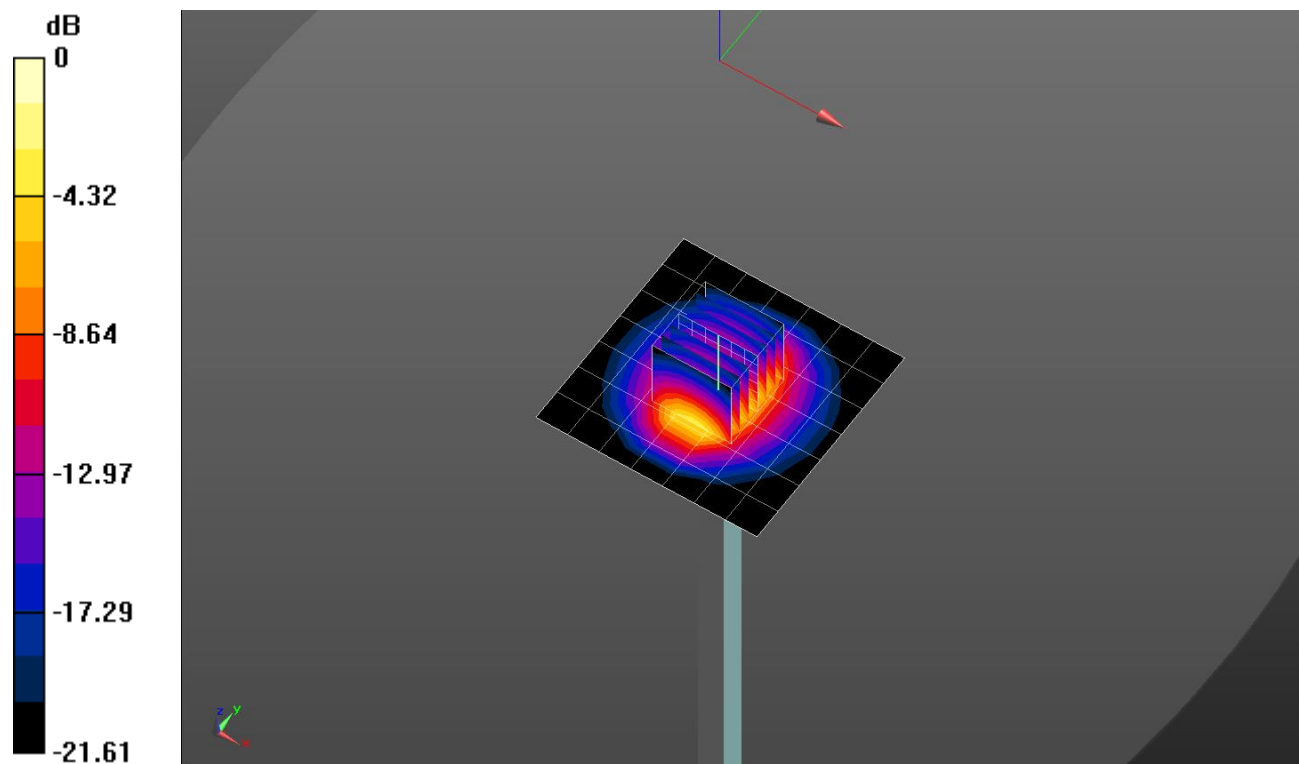
Body/Pin=100 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 60.36 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 10.6 W/kg

SAR(1 g) = 5.16 W/kg; SAR(10 g) = 2.37 W/kg

Maximum value of SAR (measured) = 7.33 W/kg

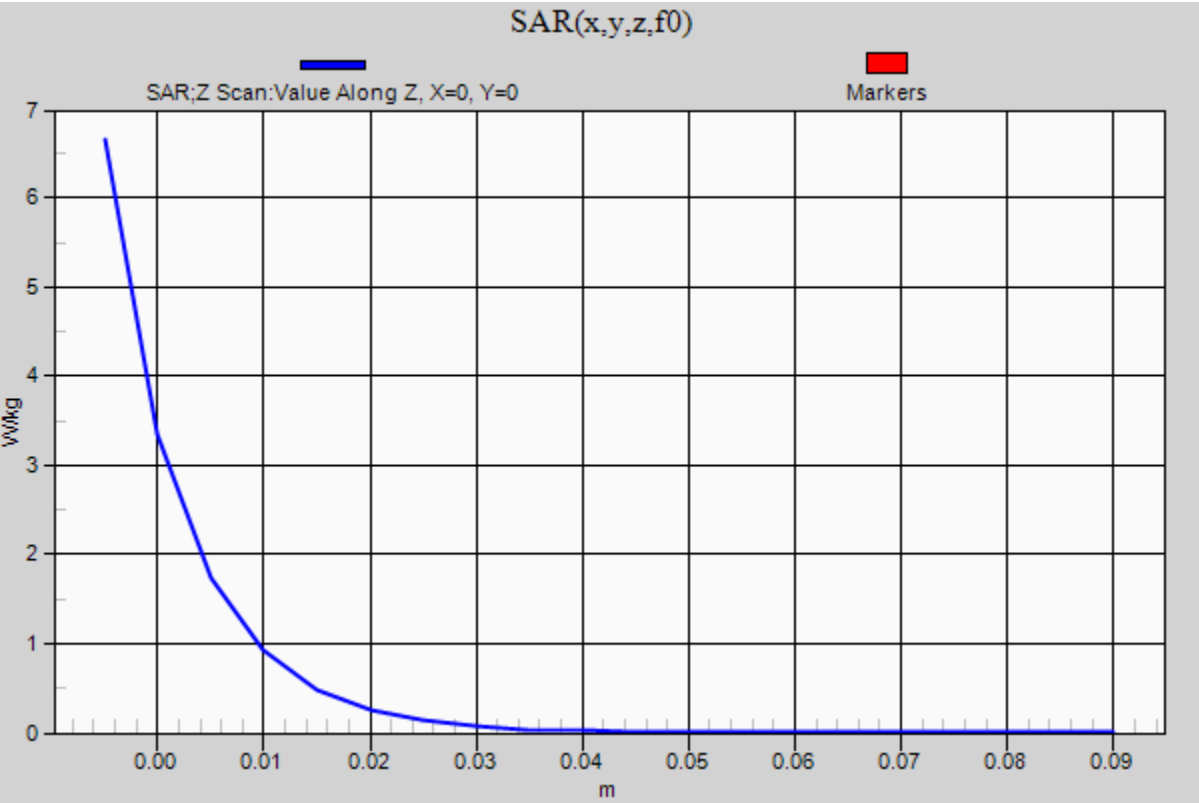


0 dB = 7.33 W/kg = 8.65 dBW/kg

20180703_SystemPerformanceCheck-D2450V2 SN 939

Frequency: 2450 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 6.66 W/kg



20180705_SystemPerformanceCheck-D835V2 SN 4d194

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1.007 \text{ S/m}$; $\epsilon_r = 54.182$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1468; Calibrated: 2017-08-22
- Probe: EX3DV4 - SN7330; ConvF(10.09, 10.09, 10.09); Calibrated: 2018-01-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg); Type: QD OVA 003 AA; Serial: 2013

Body/Pin=100 mW/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm

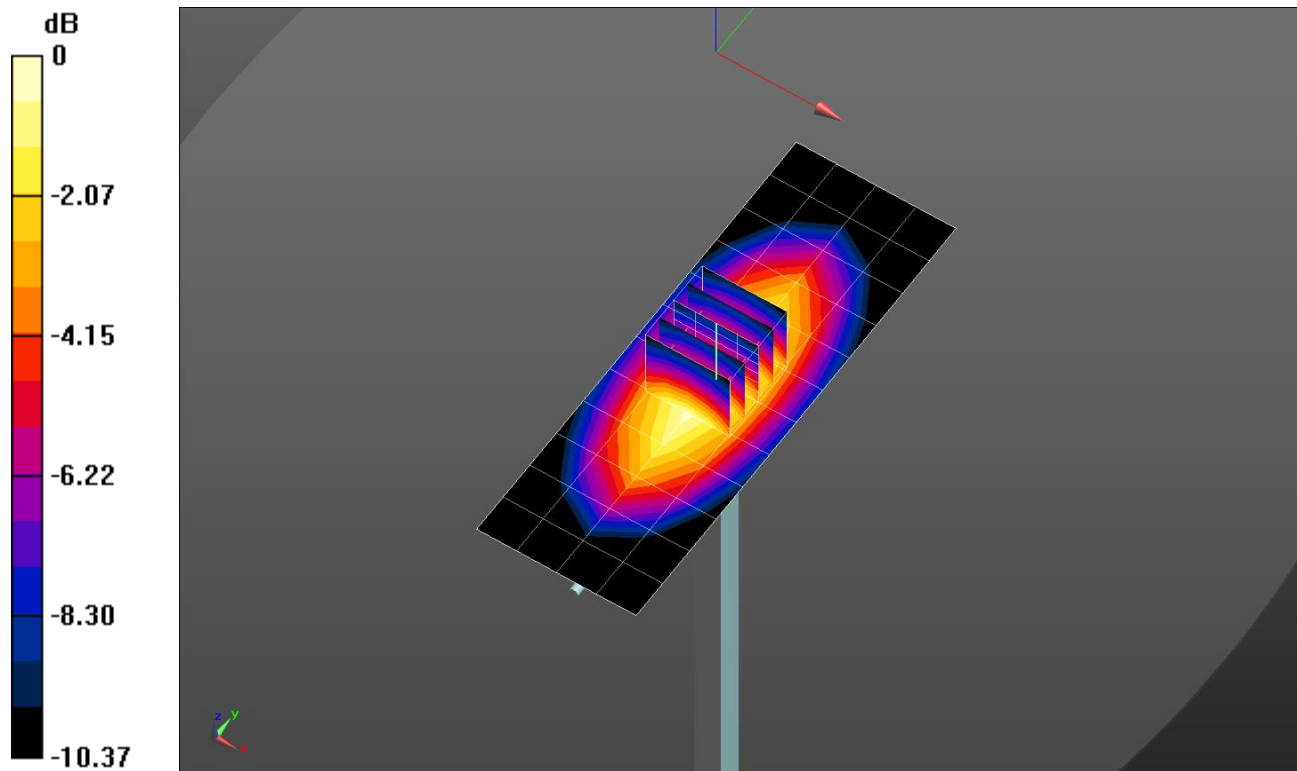
Maximum value of SAR (measured) = 1.21 W/kg

Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.14 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.995 W/kg; SAR(10 g) = 0.654 W/kg

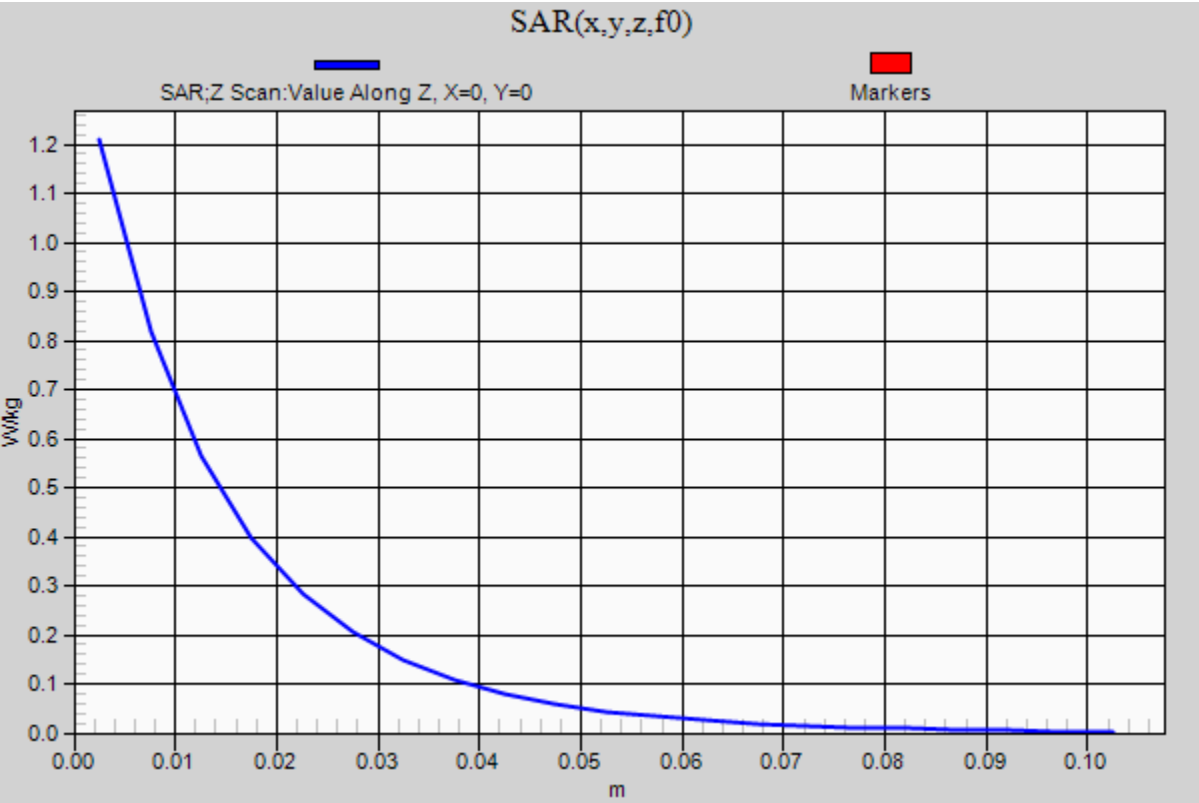


0 dB = 1.21 W/kg = 0.83 dBW/kg

20180705_SystemPerformanceCheck-D835V2 SN 4d194

Frequency: 835 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.21 W/kg



20180720_SystemPerformanceCheck-D2300V2 SN 1049

Frequency: 2300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 2300$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 52.267$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1468; Calibrated: 2017-08-22
- Probe: EX3DV4 - SN7330; ConvF(7.9, 7.9, 7.9); Calibrated: 2018-01-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg); Type: QD OVA 003 AA; Serial: 2013

Body/Pin=100 mW/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 4.59 W/kg

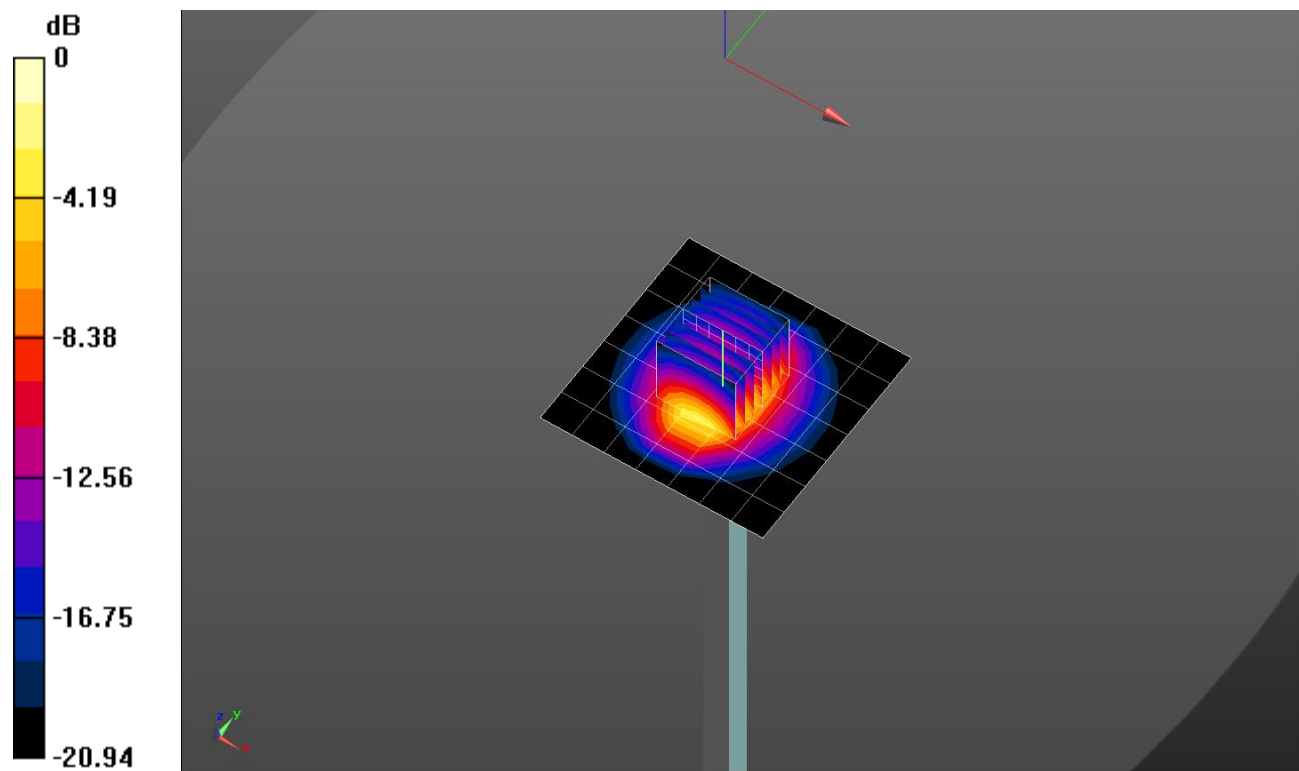
Body/Pin=100 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 60.45 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 8.98 W/kg

SAR(1 g) = 4.47 W/kg; SAR(10 g) = 2.11 W/kg

Maximum value of SAR (measured) = 6.30 W/kg

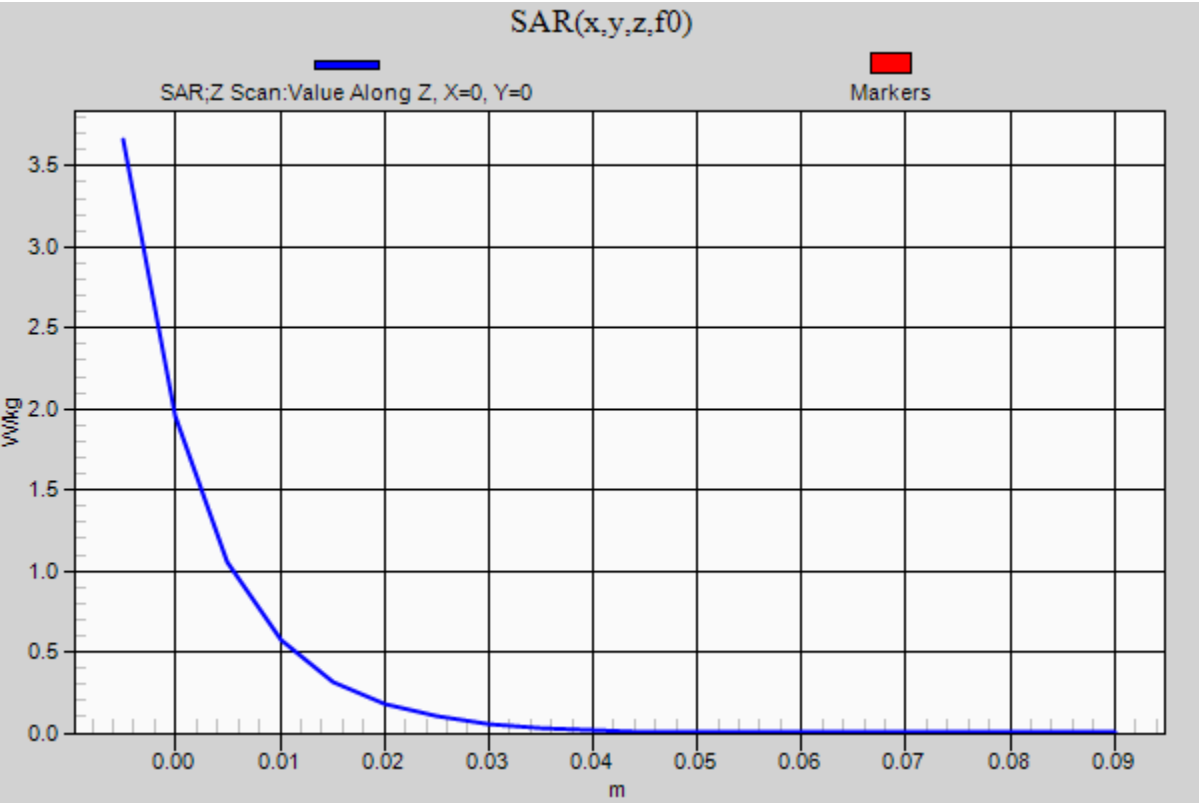


0 dB = 6.30 W/kg = 7.99 dBW/kg

20180720_SystemPerformanceCheck-D2300V2 SN 1049

Frequency: 2300 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 3.66 W/kg



20180625_SystemPerformanceCheck-D1900V2 SN 5d190

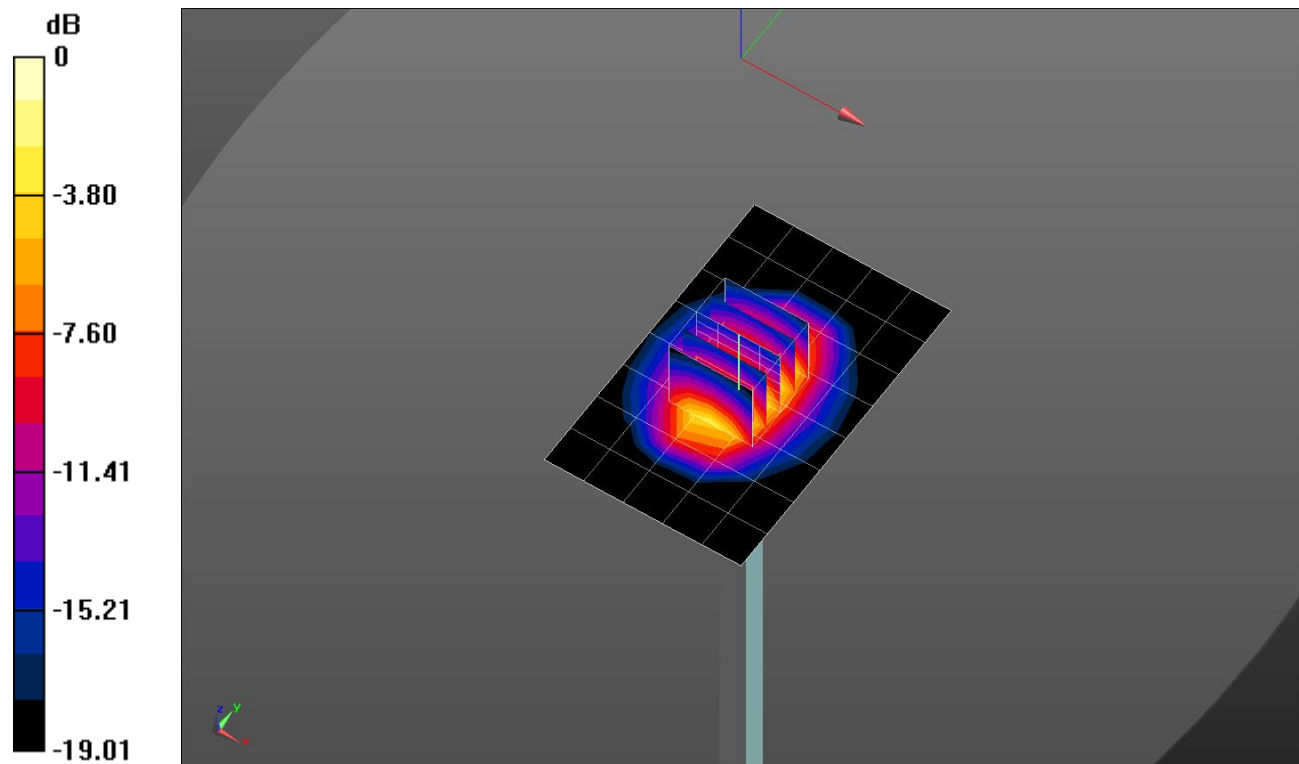
Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.572$ S/m; $\epsilon_r = 51.591$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1447; Calibrated: 2018-03-15
- Probe: EX3DV4 - SN7313; ConvF(7.71, 7.71, 7.71); Calibrated: 2018-02-20;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

Body/Pin=100 mW/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.13 W/kg

Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 59.19 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 7.45 W/kg
SAR(1 g) = 3.94 W/kg; SAR(10 g) = 2 W/kg
Maximum value of SAR (measured) = 5.36 W/kg

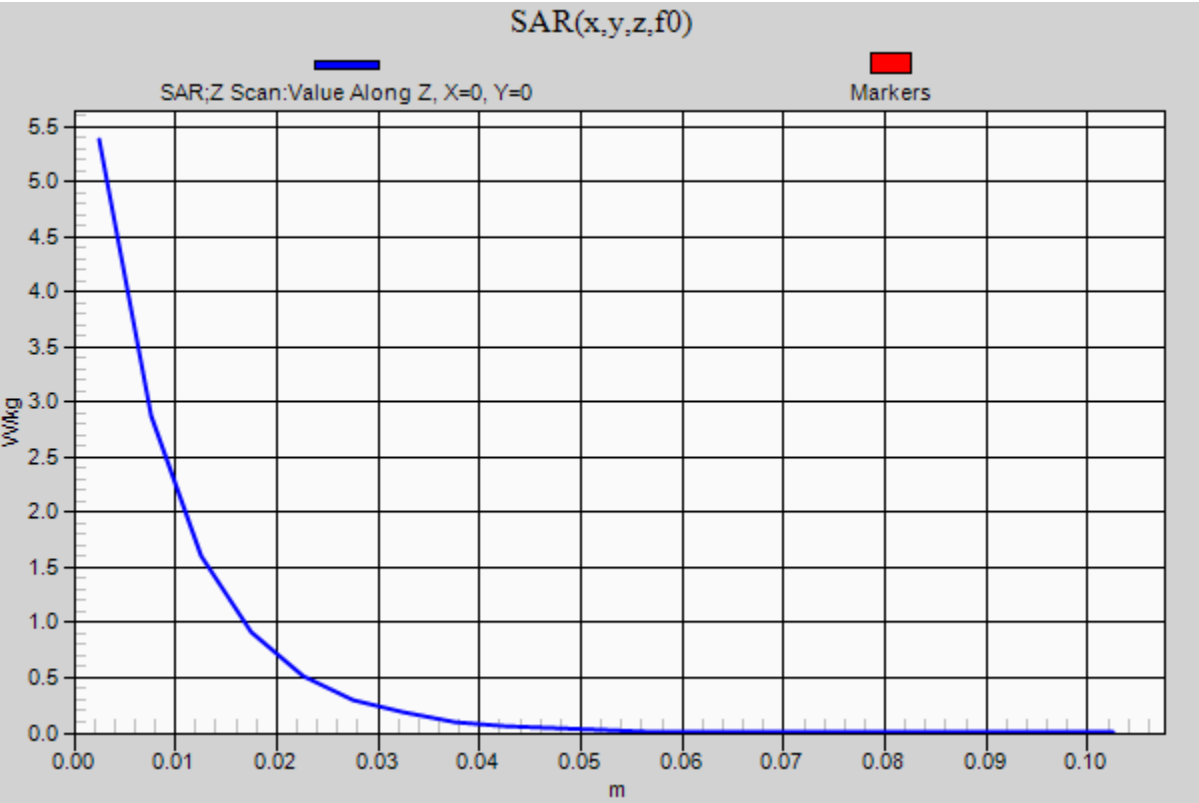


0 dB = 5.36 W/kg = 7.29 dBW/kg

20180625_SystemPerformanceCheck-D1900V2 SN 5d190

Frequency: 1900 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 5.38 W/kg



20180628_SystemPerformanceCheck-D750V2 SN 1122

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.962 \text{ S/m}$; $\epsilon_r = 55.34$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1447; Calibrated: 2018-03-15
- Probe: EX3DV4 - SN7313; ConvF(9.82, 9.82, 9.82); Calibrated: 2018-02-20;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

Body/Pin=100 mW/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.04 W/kg

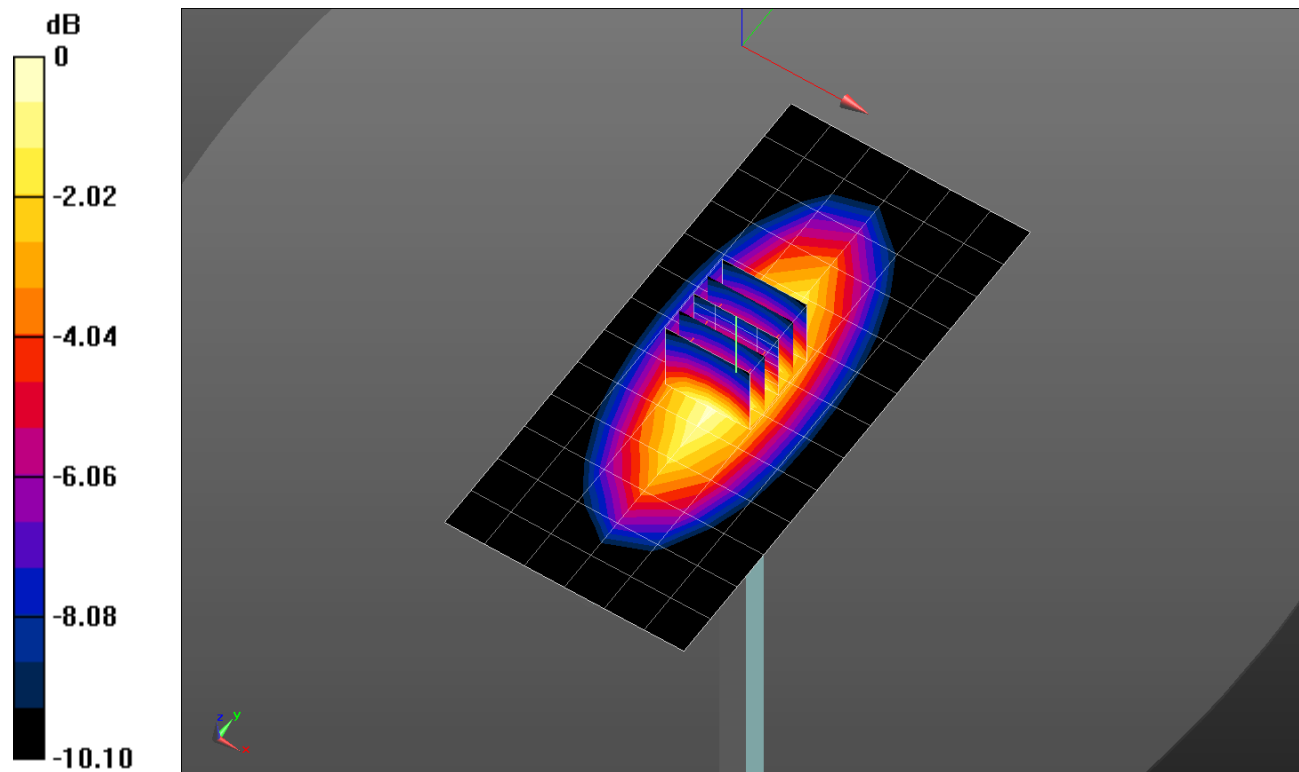
Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.42 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.29 W/kg

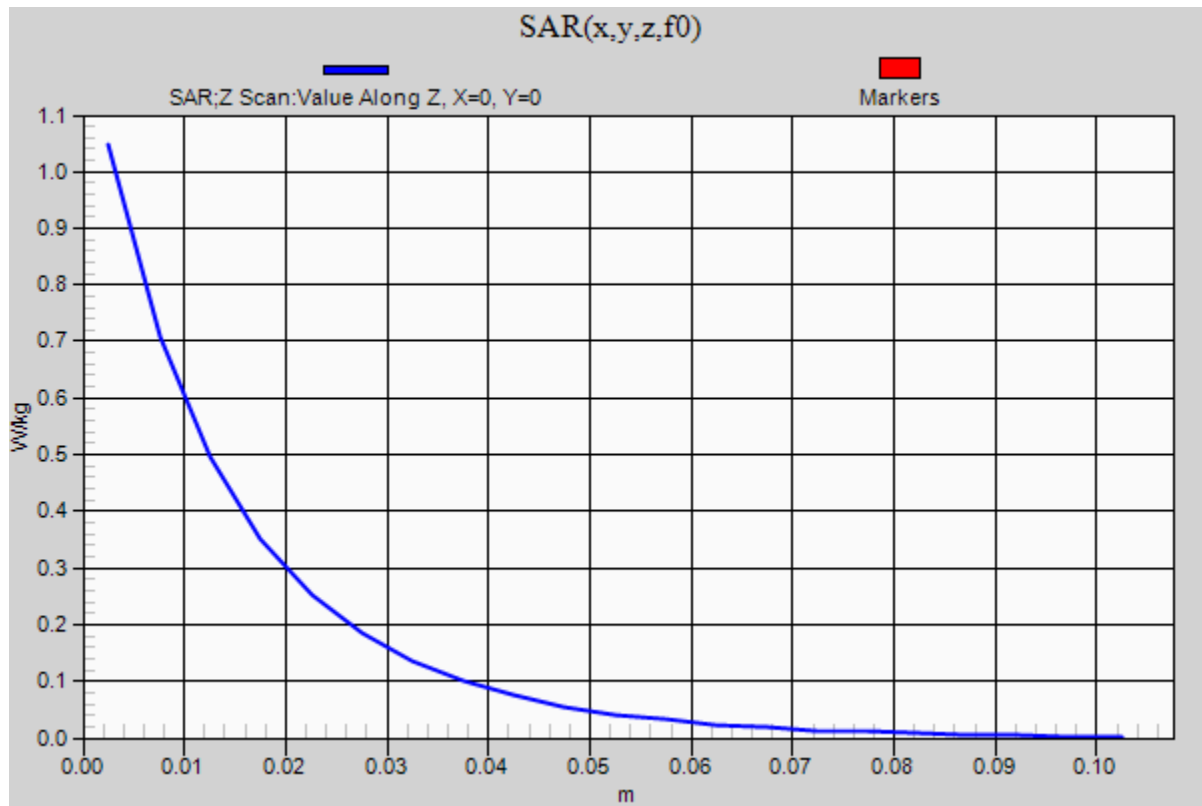
SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.575 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



20180628_SystemPerformanceCheck-D750V2 SN 1122

Frequency: 750 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.05 W/kg

20180704_SystemPerformanceCheck-D1750V2 SN 1125

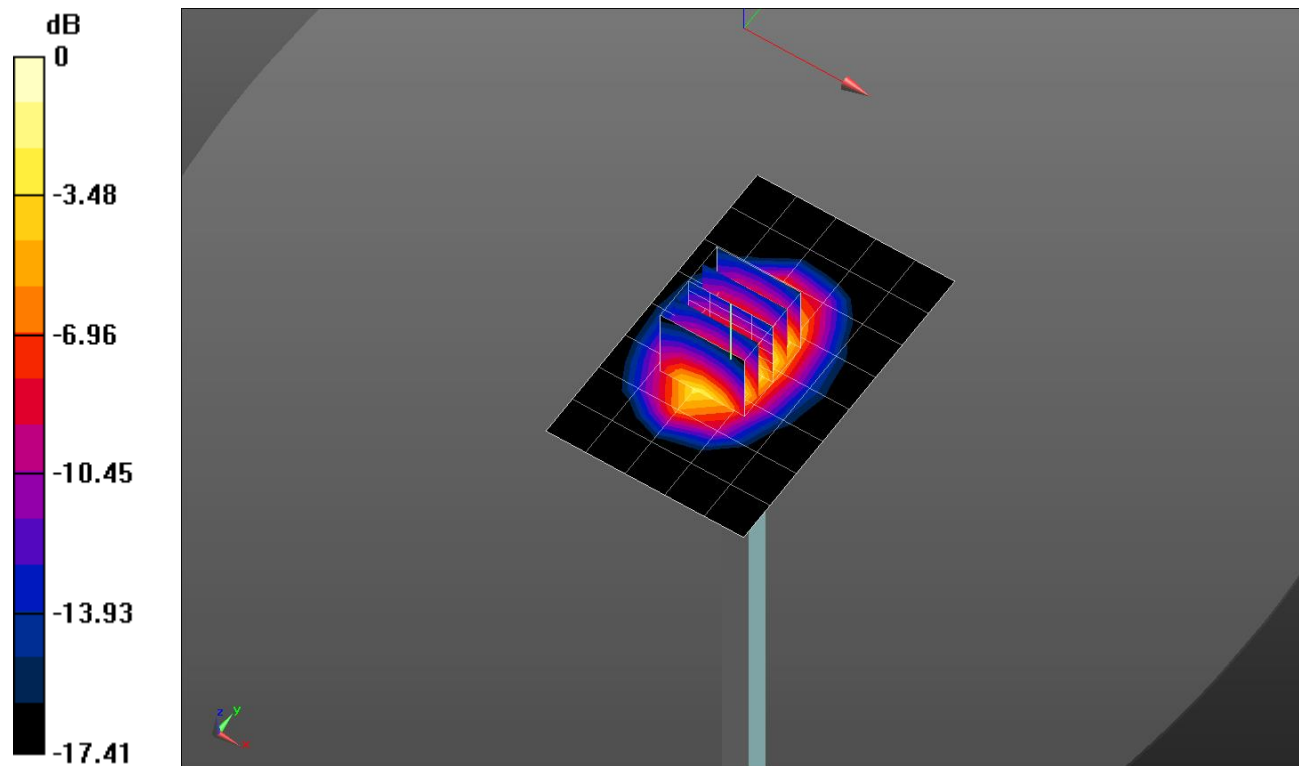
Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 1750$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 53.562$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1447; Calibrated: 2018-03-15
- Probe: EX3DV4 - SN7313; ConvF(8.08, 8.08, 8.08); Calibrated: 2018-02-20;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

Body/Pin=100 mW/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.84 W/kg

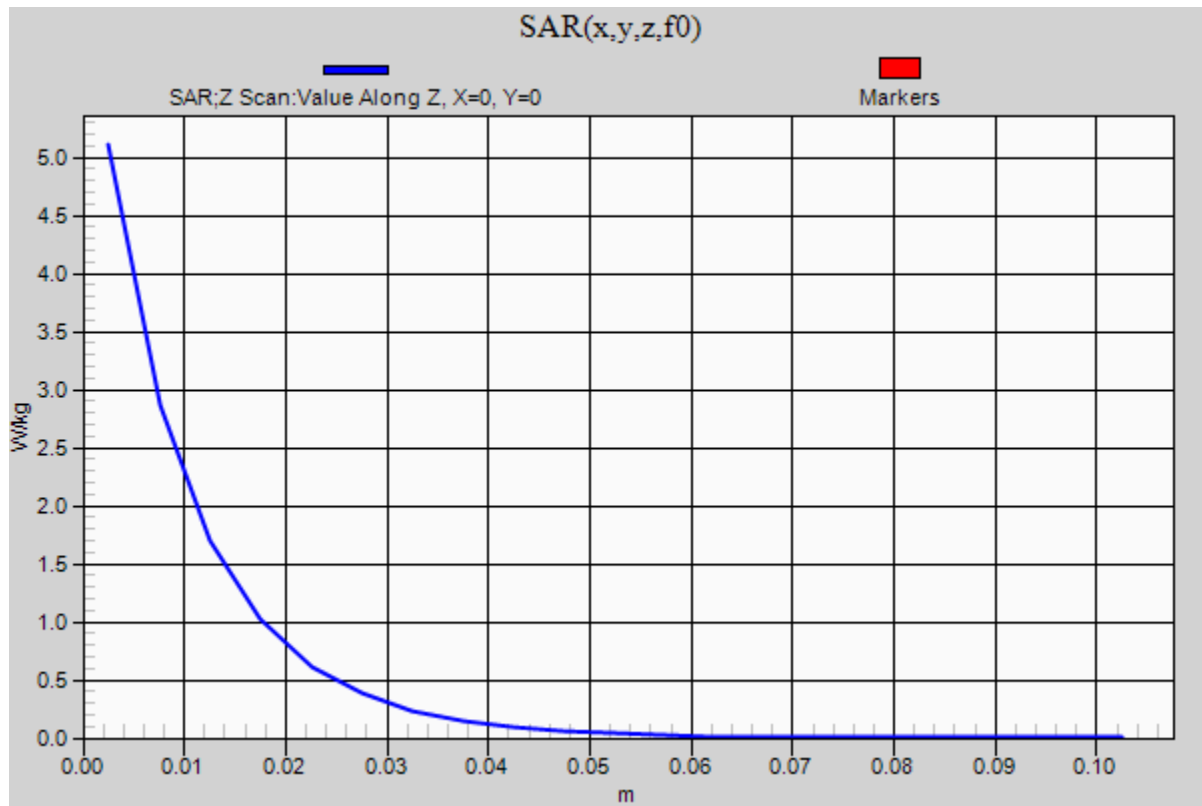
Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 60.25 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 6.92 W/kg
SAR(1 g) = 3.85 W/kg; SAR(10 g) = 2.05 W/kg
Maximum value of SAR (measured) = 5.10 W/kg



0 dB = 5.10 W/kg = 7.08 dBW/kg

20180704_SystemPerformanceCheck-D1750V2 SN 1125

Frequency: 1750 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 5.11 W/kg

20180628_SystemPerformanceCheck-D5GHzV2 SN 1209

Frequency: 5750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 5750$ MHz; $\sigma = 5.829$ S/m; $\epsilon_r = 46.711$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1494; Calibrated: 2017-07-20
- Probe: EX3DV4 - SN7314; ConvF(4.51, 4.51, 4.51); Calibrated: 2017-09-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

Body/5.75 GHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 18.5 W/kg

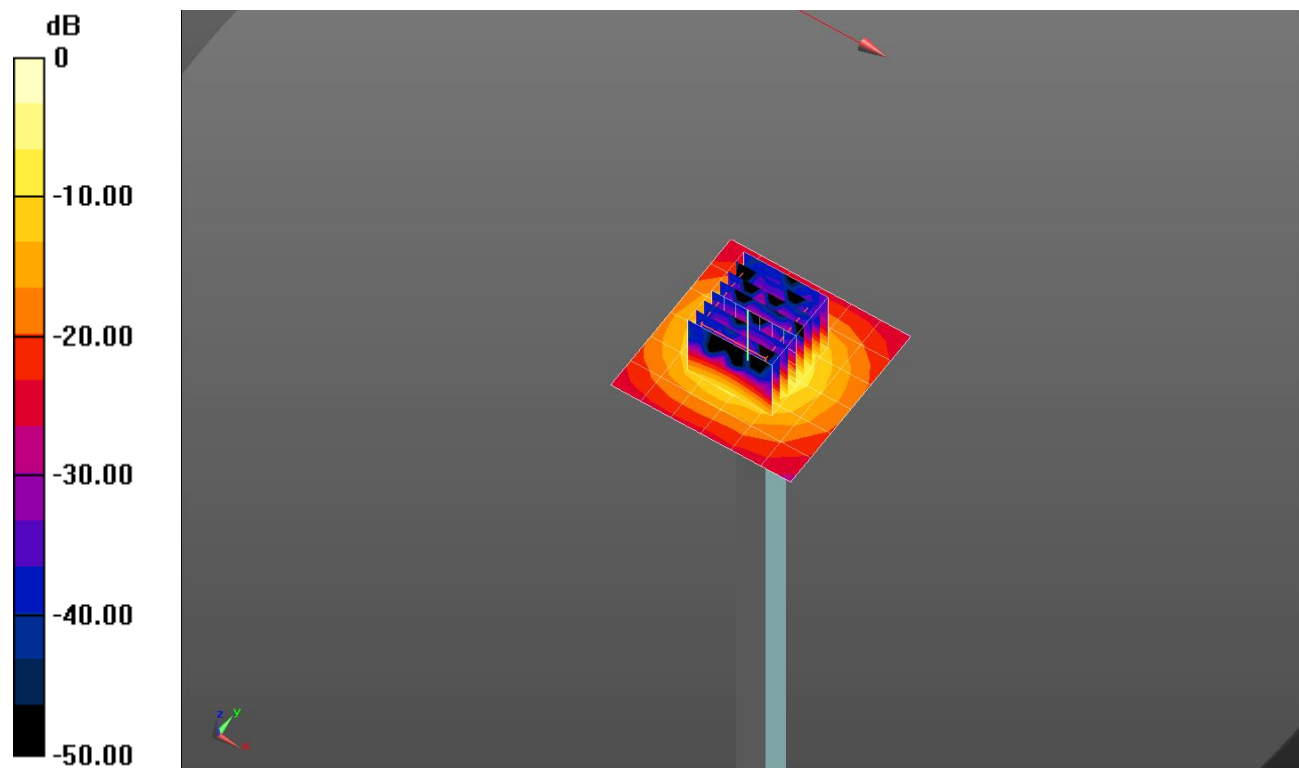
Body/5.75 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 63.40 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 33.7 W/kg

SAR(1 g) = 7.04 W/kg; SAR(10 g) = 1.95 W/kg

Maximum value of SAR (measured) = 17.6 W/kg



0 dB = 17.6 W/kg = 12.46 dBW/kg

20180628_SystemPerformanceCheck-D5GHzV2 SN 1209

Frequency: 5750 MHz; Duty Cycle: 1:1

Body/5.75 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 12.4 W/kg

