

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 1/31/2019

**V-Anolog Front of face**

Communication System: UID 0, Analog (0); Frequency: 173.975 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 174$  MHz;  $\sigma = 0.77$  S/m;  $\epsilon_r = 52.079$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature:22.9°C;Liquid Temperature:22.7°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(13.63, 13.63, 13.63) @ 173.975 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Front/Anolog-CHv5/Area Scan (51x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.295 W/kg

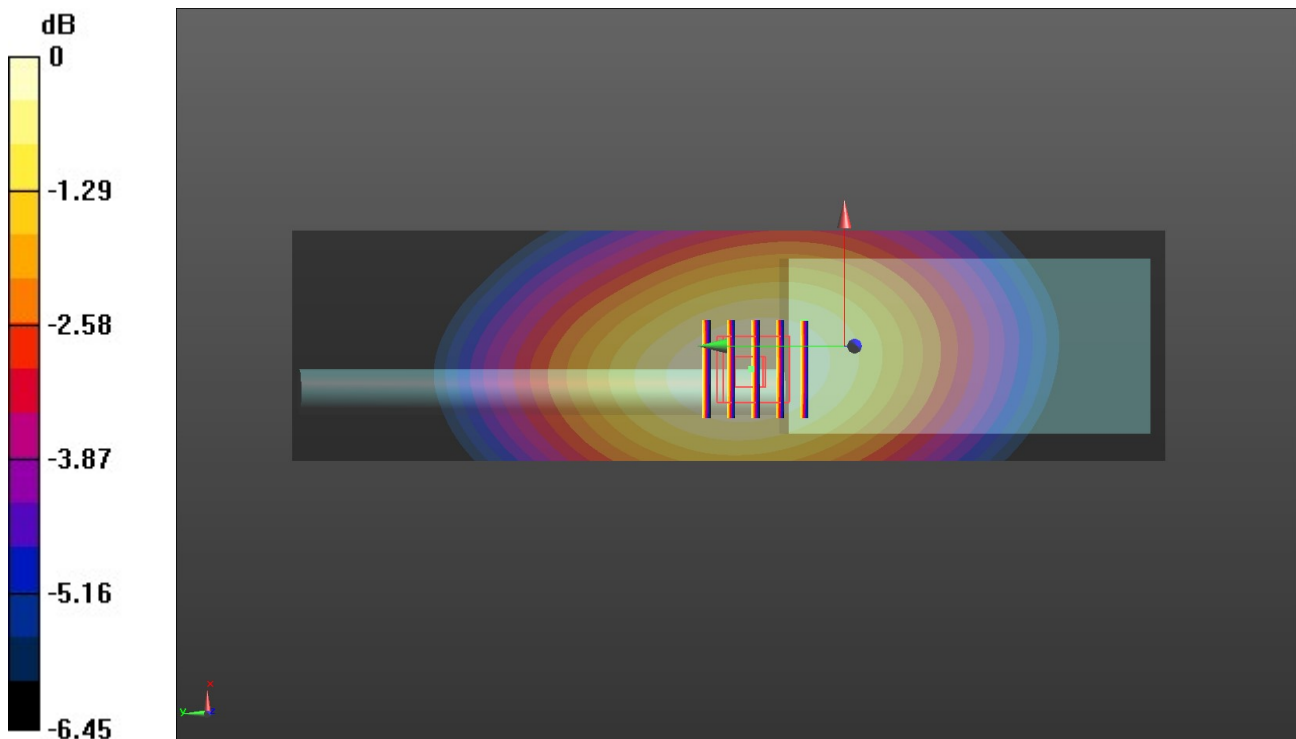
**Front/Anolog-CHv5/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.25 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.354 W/kg

**SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.212 W/kg**

Maximum value of SAR (measured) = 0.288 W/kg



0 dB = 0.288 W/kg = -5.41 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 1/31/2019

**V-Anolog Body Worn**

Communication System: UID 0, Analog (0); Frequency: 173.975 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 174$  MHz;  $\sigma = 0.83$  S/m;  $\epsilon_r = 60.925$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature:22.9°C;Liquid Temperature:22.7°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(12.81, 12.81, 12.81) @ 173.975 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Rear/Anolog-CHv5/Area Scan (51x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.408 W/kg

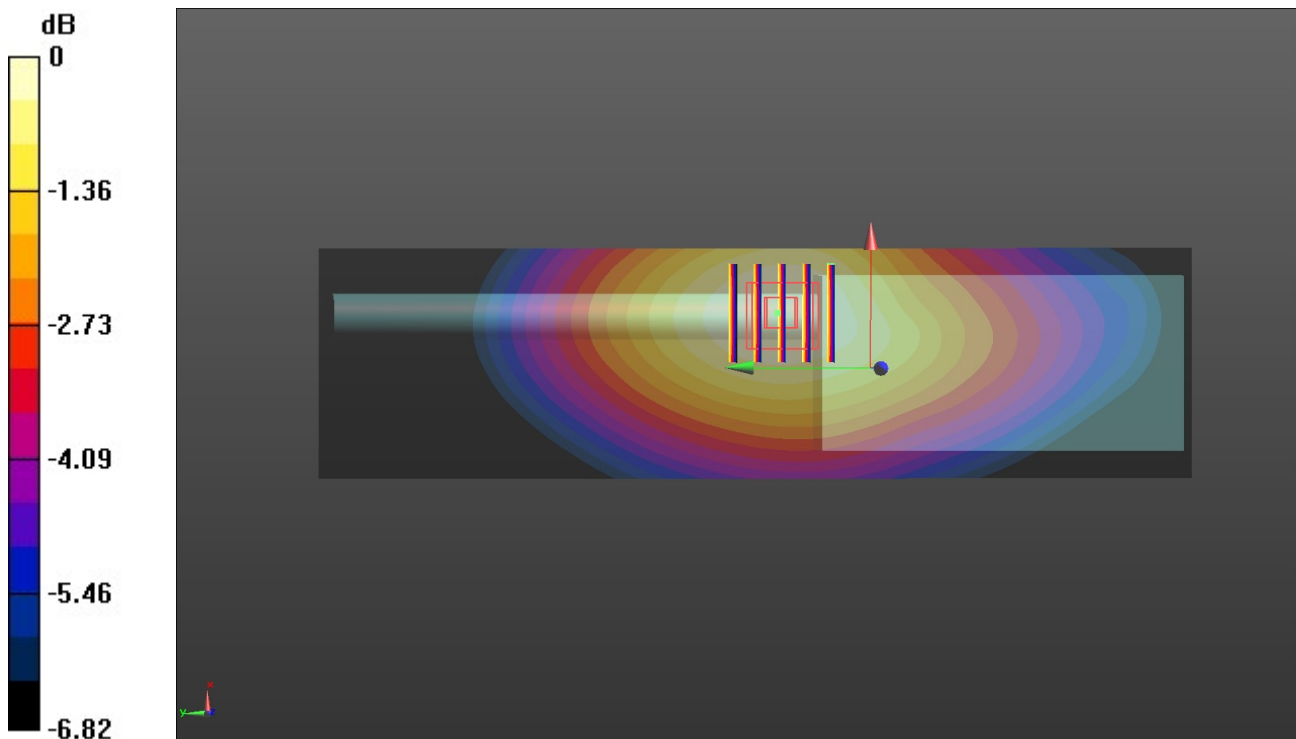
**Rear/Anolog-CHv5/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.65 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.493 W/kg

**SAR(1 g) = 0.378 W/kg; SAR(10 g) = 0.287 W/kg**

Maximum value of SAR (measured) = 0.396 W/kg



0 dB = 0.396 W/kg = -4.02 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 1/31/2019

**V-Digital Front of face**

Communication System: UID 0, Digital (0); Frequency: 173.975 MHz;Duty Cycle: 1:2.1143

Medium parameters used:  $f = 174$  MHz;  $\sigma = 0.77$  S/m;  $\epsilon_r = 52.079$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature:22.6°C;Liquid Temperature:22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(13.63, 13.63, 13.63) @ 173.975 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Front/Digital-CHv5/Area Scan (51x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.234 W/kg

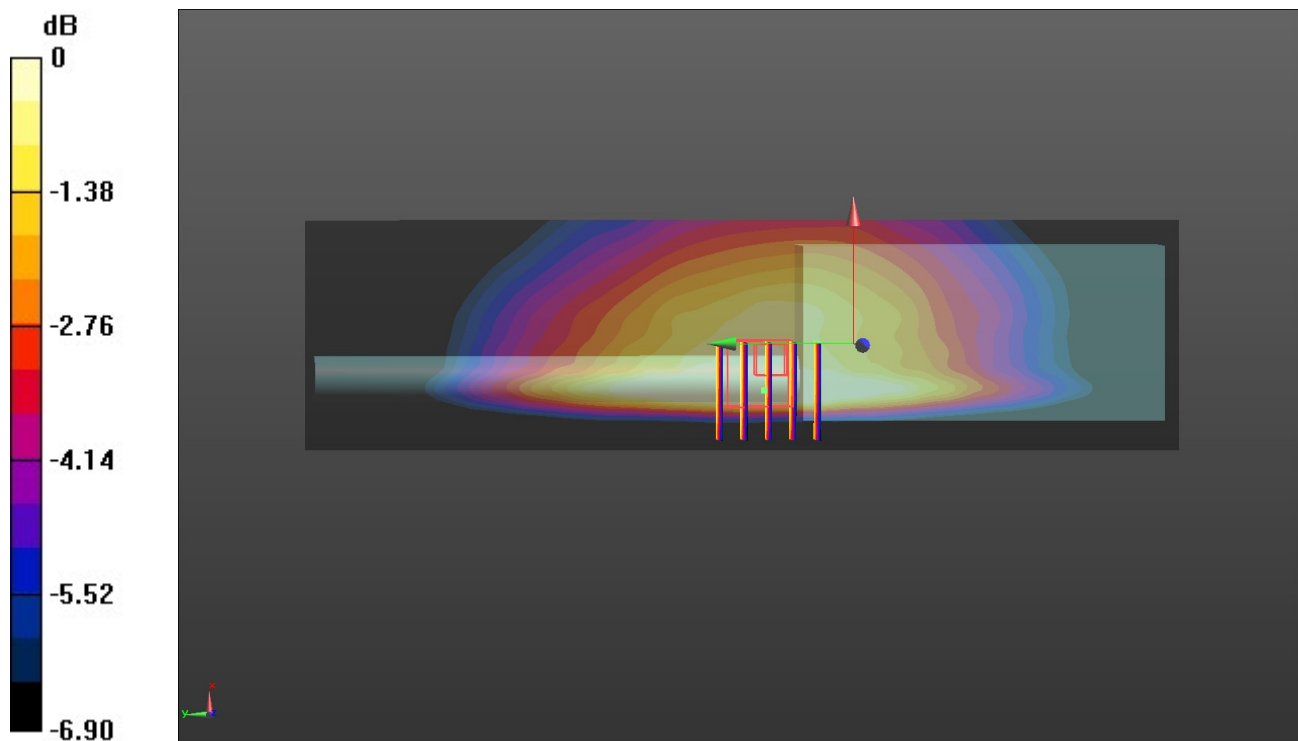
**Front/Digital-CHv5/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.36 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.197 W/kg

**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.111 W/kg**

Maximum value of SAR (measured) = 0.153 W/kg



0 dB = 0.153 W/kg = -8.15 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 1/31/2019

**V-Digital Body Worn**

Communication System: UID 0, Digital (0); Frequency: 173.975 MHz;Duty Cycle: 1:2.12243

Medium parameters used:  $f = 174$  MHz;  $\sigma = 0.83$  S/m;  $\epsilon_r = 60.925$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature:22.8°C;Liquid Temperature:22.4°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(12.81, 12.81, 12.81) @ 173.975 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Rear/Digital-CHv5/Area Scan (51x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.206 W/kg

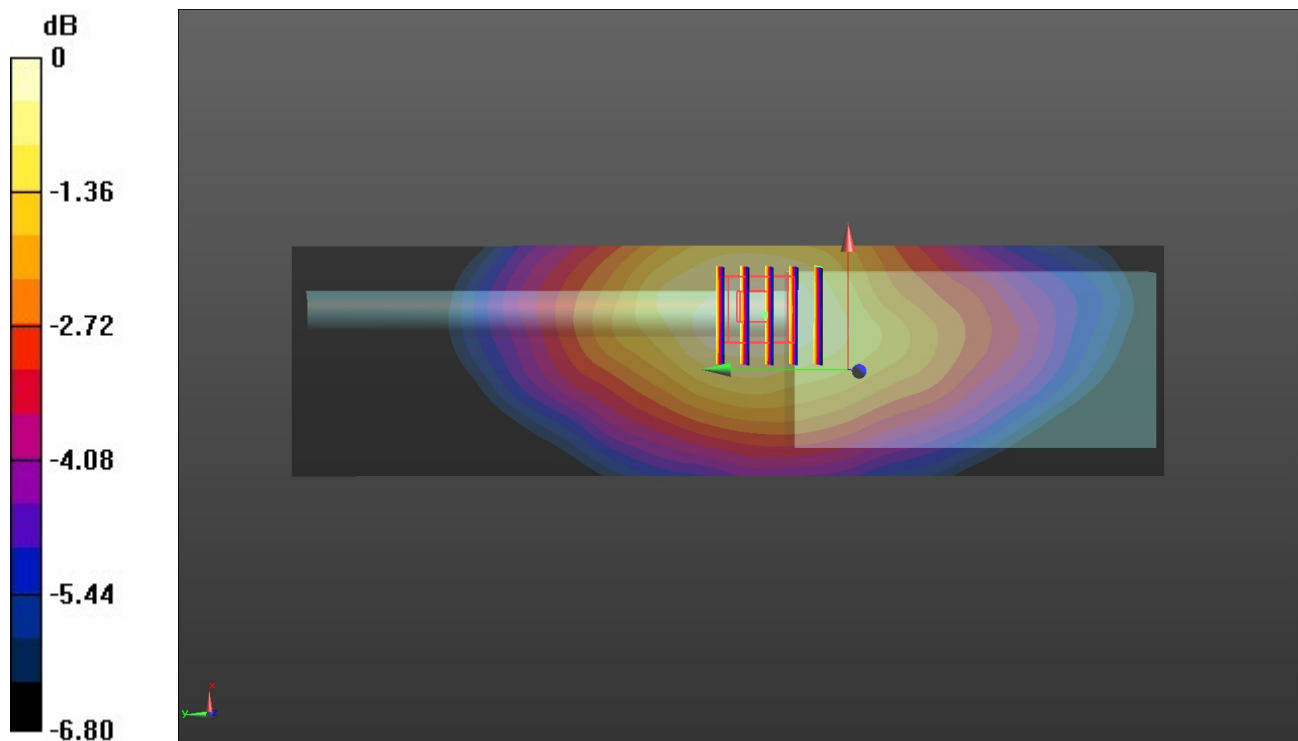
**Rear/Digital-CHv5/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.74 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.257 W/kg

**SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.148 W/kg**

Maximum value of SAR (measured) = 0.209 W/kg



0 dB = 0.209 W/kg = -6.80 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 1/30/2019

**U-Anolog Front of face**

Communication System: UID 0, Analog (0); Frequency: 400.025 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 400.025$  MHz;  $\sigma = 0.811$  S/m;  $\epsilon_r = 45.722$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature:22.9°C;Liquid Temperature:22.7°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(11.7, 11.7, 11.7) @ 400.025 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Front/Anolog-CHu1/Area Scan (51x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 2.51 W/kg

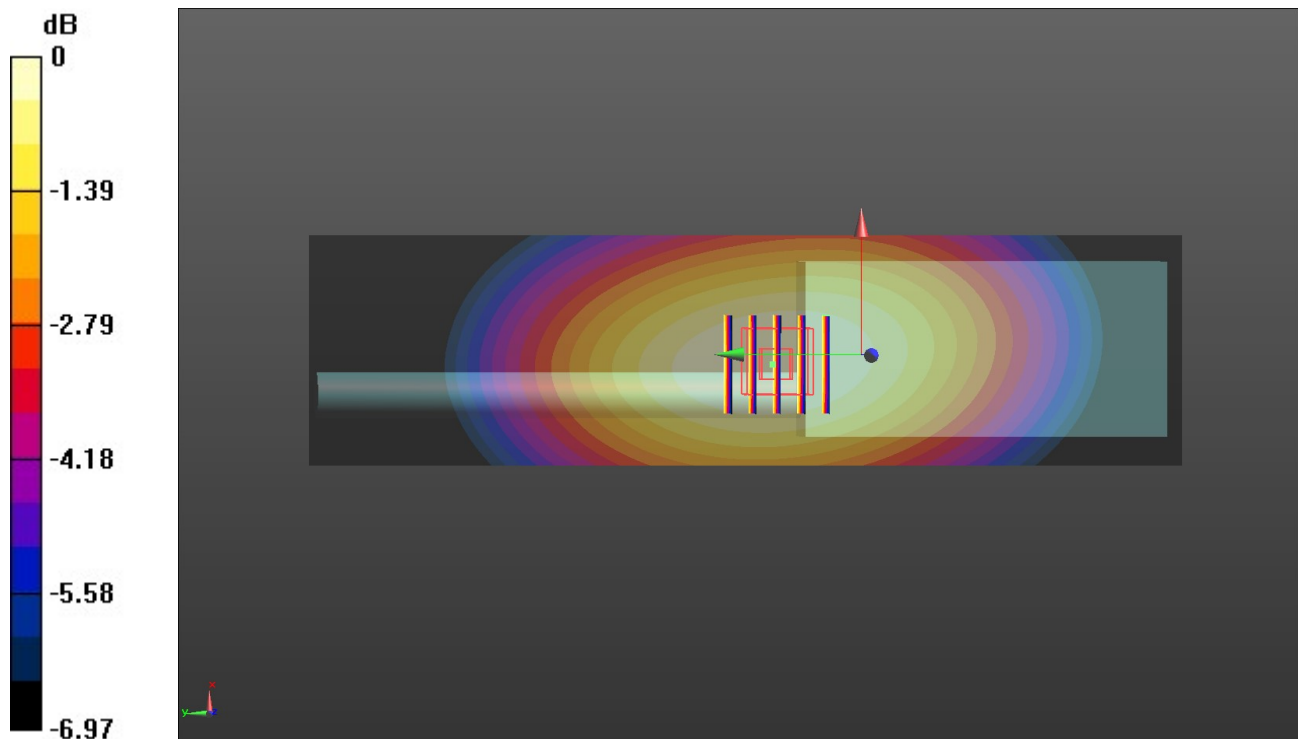
**Front/Anolog-CHu1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.68 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.97 W/kg

**SAR(1 g) = 2.32 W/kg; SAR(10 g) = 1.78 W/kg**

Maximum value of SAR (measured) = 2.43 W/kg



0 dB = 2.43 W/kg = 3.86 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 1/30/2019

**U-Anolog Body Worn**

Communication System: UID 0, Analog (0); Frequency: 400.025 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 400.025$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 56.941$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature:22.9°C;Liquid Temperature:22.6°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(11.87, 11.87, 11.87) @ 400.025 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Rear/Anolog-CHu1/Area Scan (51x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 4.69 W/kg

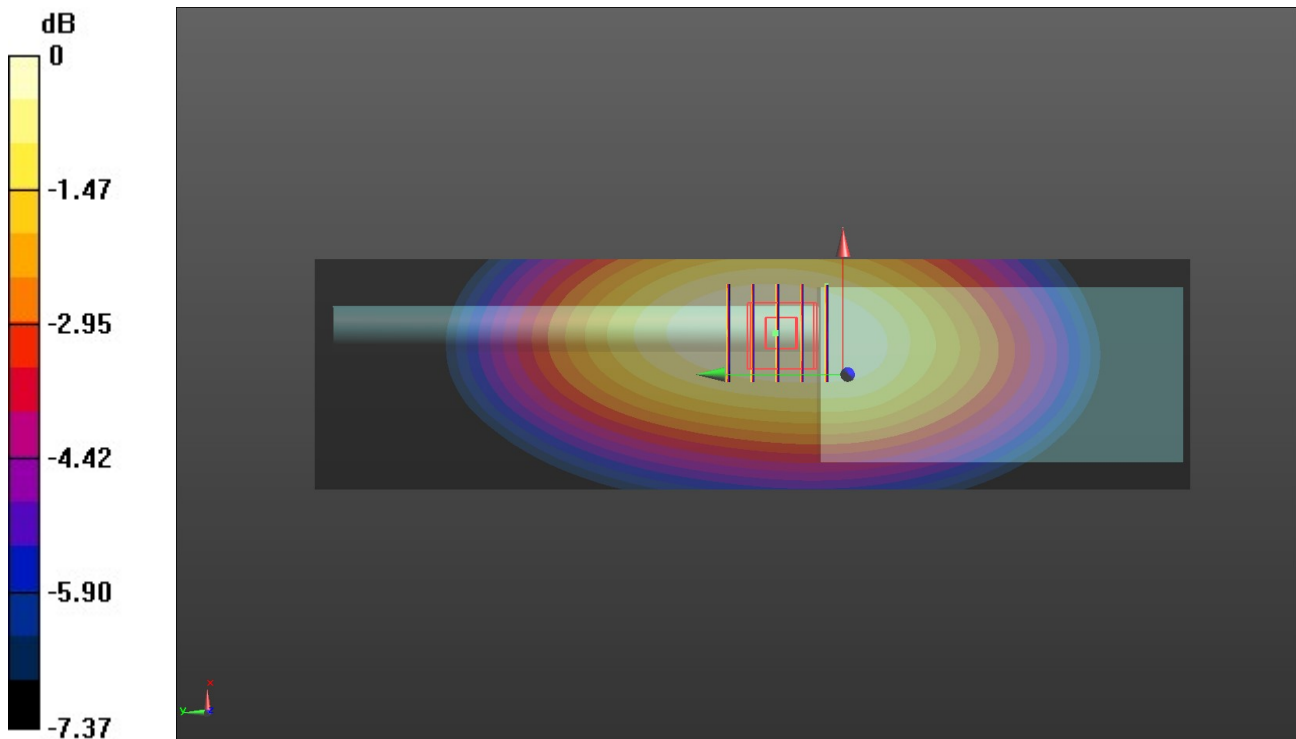
**Rear/Anolog-CHu1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 70.70 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 5.57 W/kg

**SAR(1 g) = 4.27 W/kg; SAR(10 g) = 3.21 W/kg**

Maximum value of SAR (measured) = 4.48 W/kg



0 dB = 4.48 W/kg = 6.51 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 1/30/2019

**U-Digital Front of face**

Communication System: UID 0, Digital (0); Frequency: 400.025 MHz;Duty Cycle: 1:2.12243  
 Medium parameters used (interpolated):  $f = 400.025$  MHz;  $\sigma = 0.811$  S/m;  $\epsilon_r = 45.722$ ;  $\rho = 1000$

 $\text{kg/m}^3$ 

Phantom section: Flat Section

Ambient Temperature:23.2°C;Liquid Temperature:22.8°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(11.7, 11.7, 11.7) @ 400.025 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Front/Digital-CHu1/Area Scan (51x191x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
 Maximum value of SAR (interpolated) = 1.39 W/kg

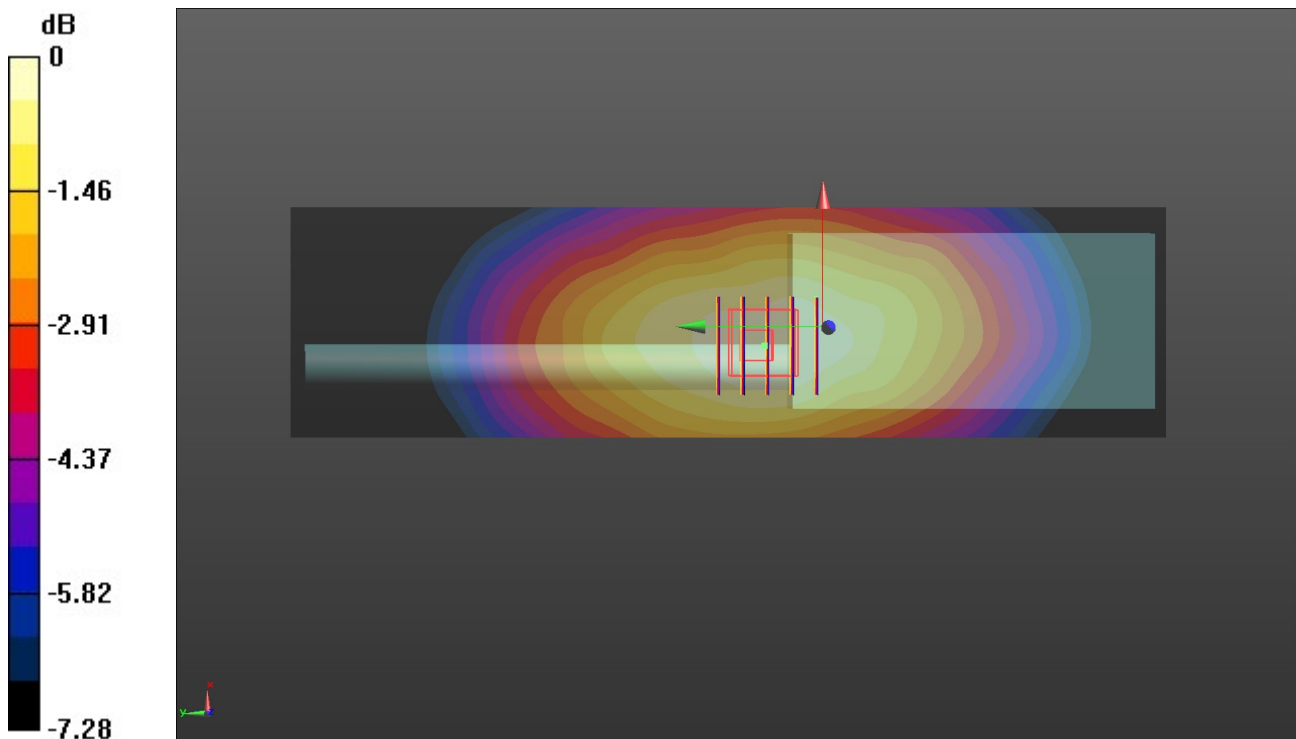
**Front/Digital-CHu1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 39.61 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.975 W/kg**

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg



Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 1/30/2019

**U-Digital Body Worn**

Communication System: UID 0, Digital (0); Frequency: 400.025 MHz;Duty Cycle: 1:2.12243  
 Medium parameters used (interpolated):  $f = 400.025$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 56.941$ ;  $\rho = 1000$   
 $\text{kg/m}^3$

Phantom section: Flat Section

Ambient Temperature:22.8°C;Liquid Temperature:22.6°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(11.87, 11.87, 11.87) @ 400.025 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Rear/Digital-CHu1/Area Scan (51x191x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
 Maximum value of SAR (interpolated) = 2.27 W/kg

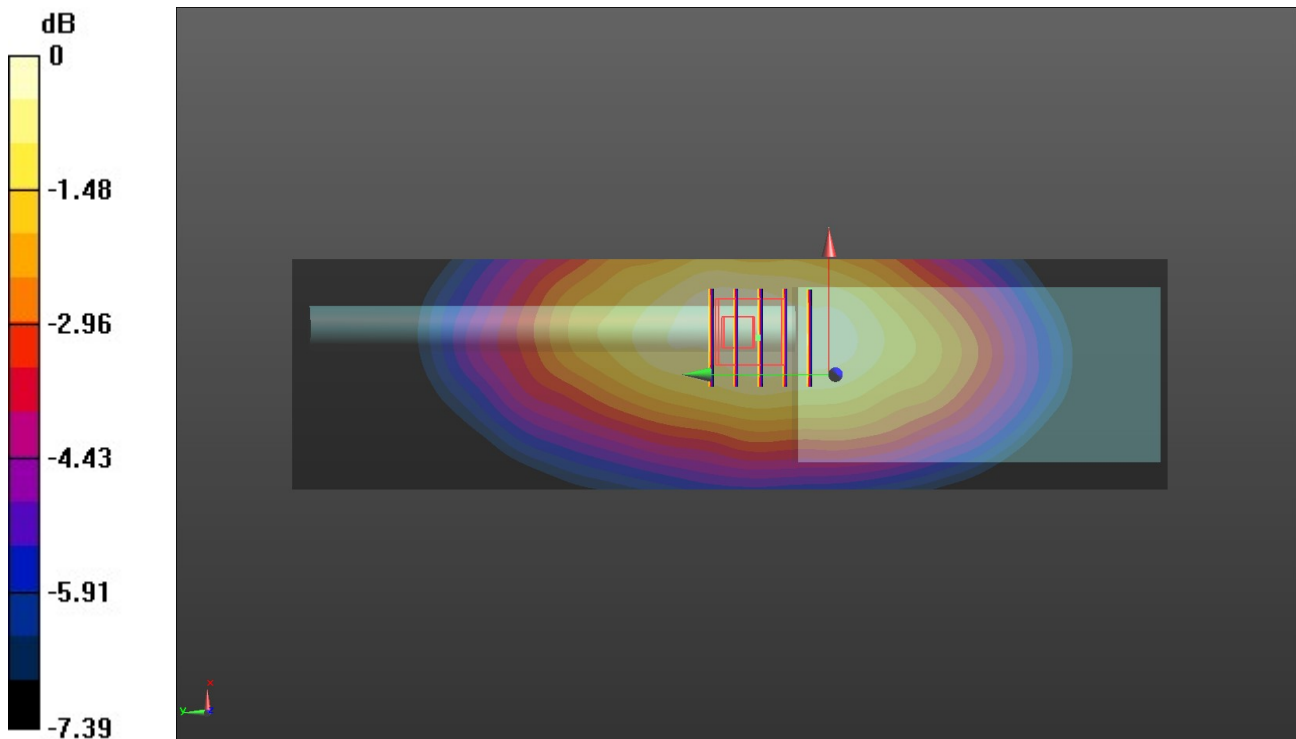
**Rear/Digital-CHu1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 47.14 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 3.02 W/kg

**SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.59 W/kg**

Maximum value of SAR (measured) = 2.23 W/kg



0 dB = 2.23 W/kg = 3.48 dBW/kg