

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

Date: 10/25/2018

**Analog-Front of face**

Communication System: UID 0, Analog (0); Frequency: 462.638 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 463$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 44.258$ ;  $\rho = 1000$  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(11.7, 11.7, 11.7) @ 462.638 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 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Front/Analog-CH4/Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.390 W/kg

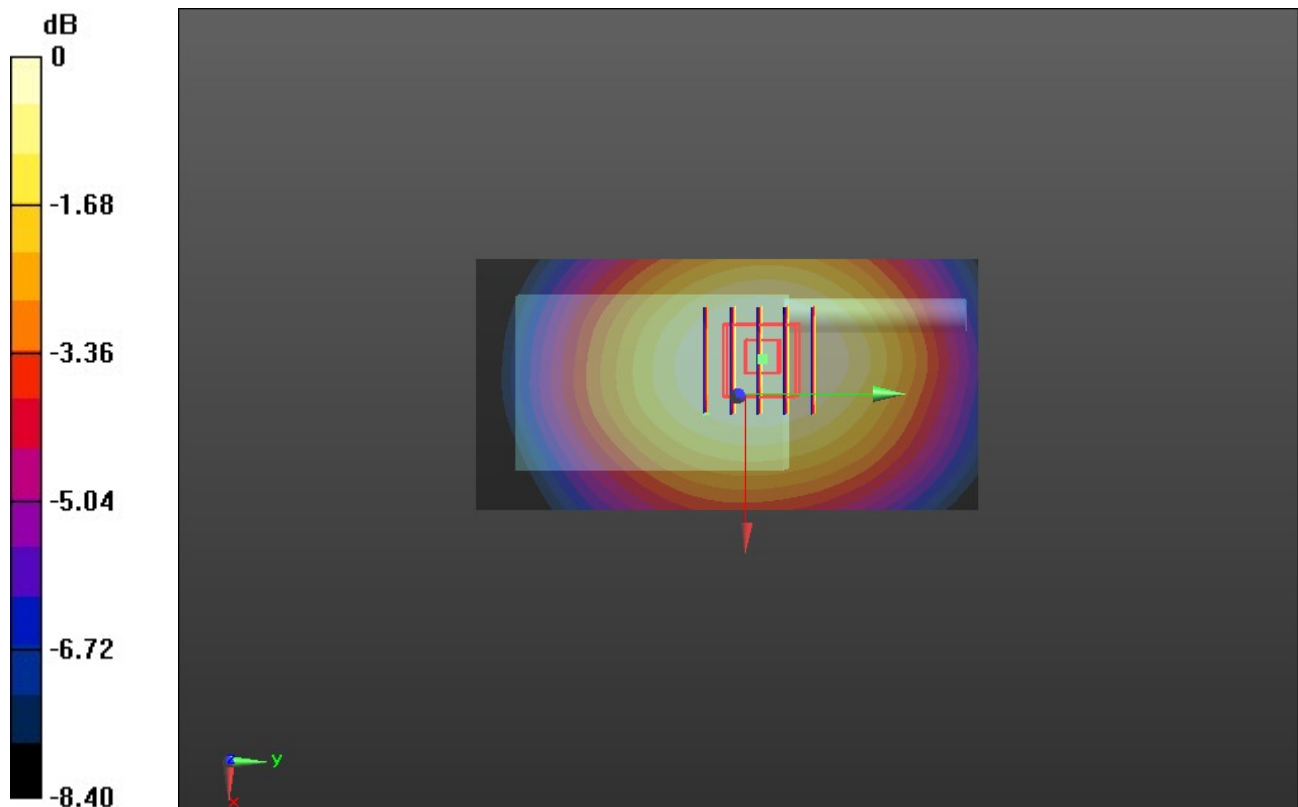
**Front/Analog-CH4/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 23.11 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.445 W/kg

**SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.246 W/kg**

Maximum value of SAR (measured) = 0.353 W/kg



0 dB = 0.353 W/kg = -4.52 dBW/kg

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**Analog-Body**

Communication System: UID 0, Analog (0); Frequency: 462.638 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 463$  MHz;  $\sigma = 0.97$  S/m;  $\epsilon_r = 56.033$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature:22.7°C;Liquid Temperature:22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(11.87, 11.87, 11.87) @ 462.638 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 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Rear/Analog-CH4/Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.702 W/kg

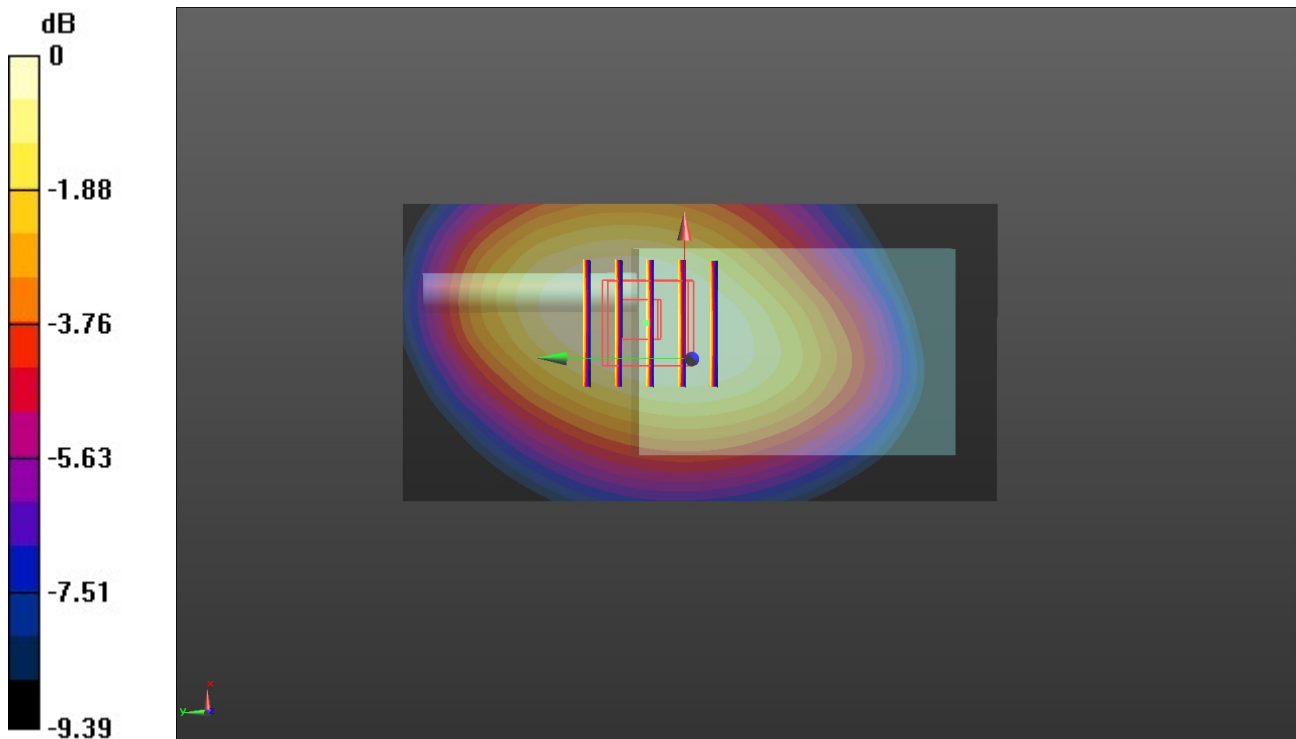
**Rear/Analog-CH4/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.38 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.826 W/kg

**SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.419 W/kg**

Maximum value of SAR (measured) = 0.631 W/kg



0 dB = 0.631 W/kg = -2.00 dBW/kg