Annex A. SAR Plots of System Verification

The plots for system verification are shown as follows.

S01 System Check_H900_210911

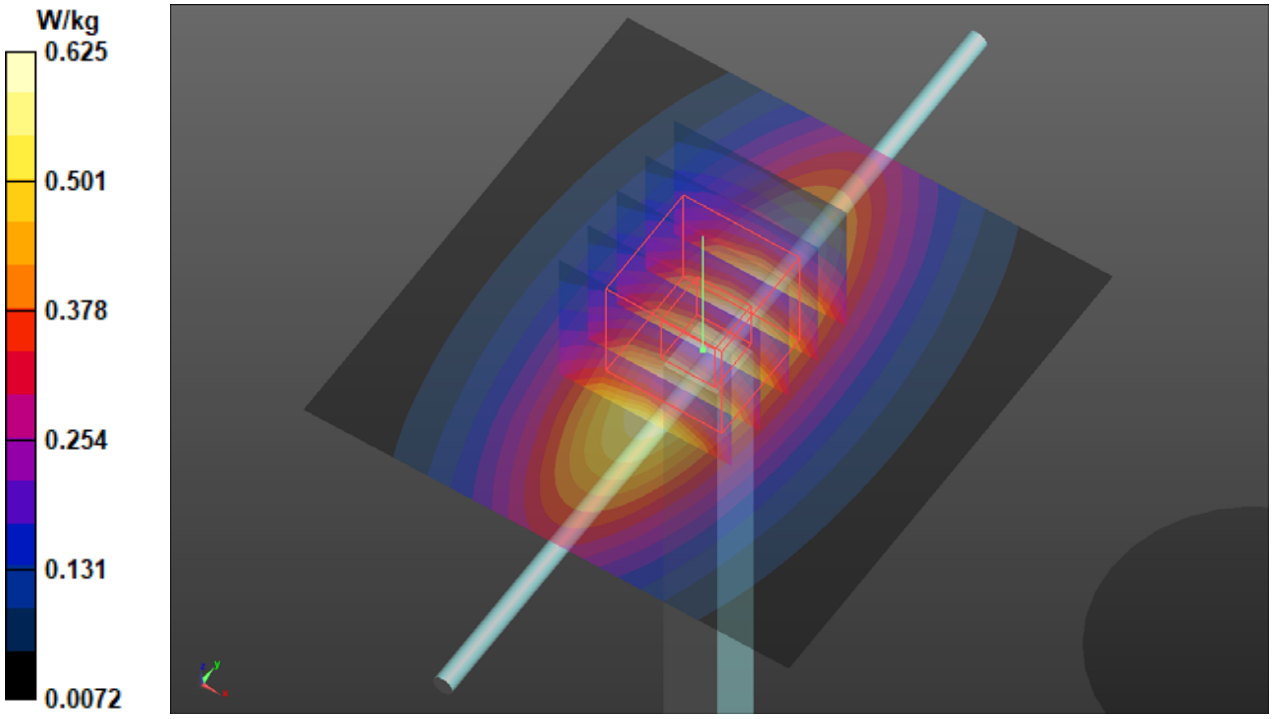
DUT: Dipole 900 MHz; Type: D900V2; SN: 1d121

Communication System: UID 0, CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: H07T10N1_0911 Medium parameters used: f = 900 MHz; σ = 0.959 S/m; ε_r = 40.127; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.9, 8.9, 8.9) @ 900 MHz; Calibrated: 2021/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2021/04/09
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.625 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.77 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.698 W/kg
SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.326 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.631 W/kg



S02 System Check_H900_210911

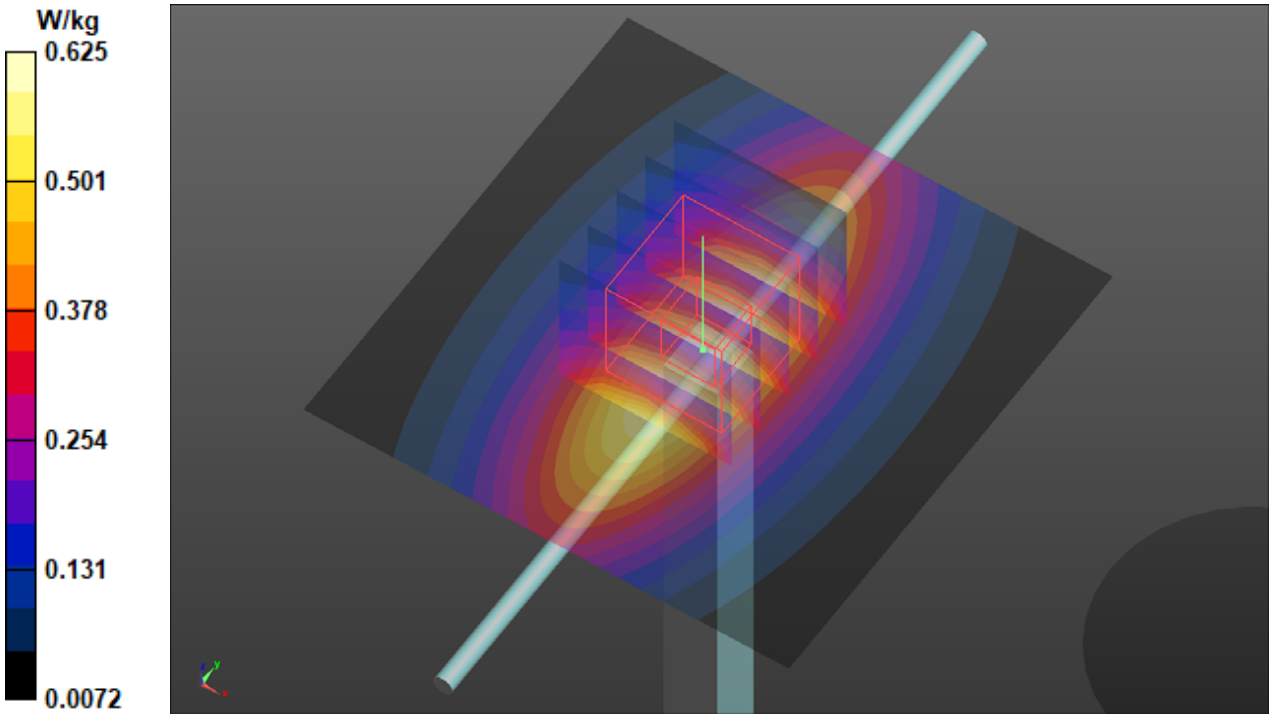
DUT: Dipole 900 MHz; Type: D900V2; SN: 1d121

Communication System: UID 0, CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: H07T10N1_0911 Medium parameters used: f = 900 MHz; σ = 0.959 S/m; ε_r = 40.127; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.9, 8.9, 8.9) @ 900 MHz; Calibrated: 2021/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2021/04/09
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.625 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.77 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.698 W/kg
SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.326 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.631 W/kg



S03 System Check_H900_210911

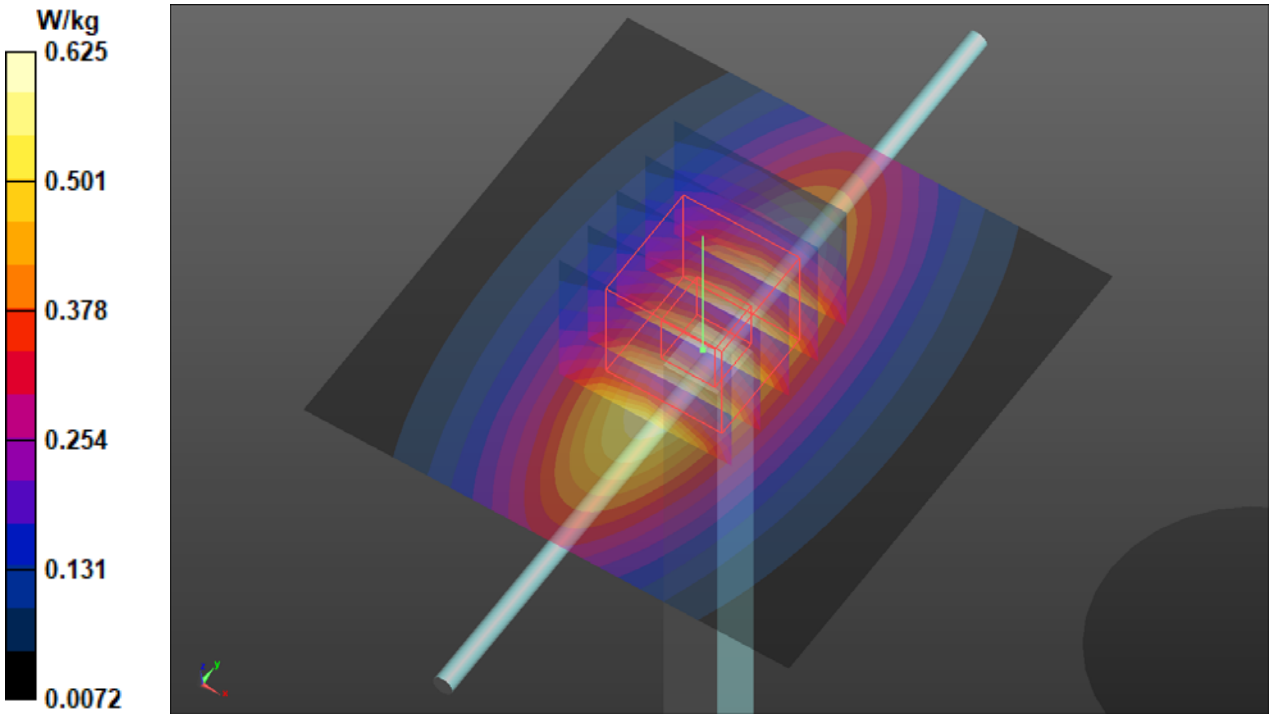
DUT: Dipole 900 MHz; Type: D900V2; SN: 1d121

Communication System: UID 0, CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: H07T10N1_0911 Medium parameters used: f = 900 MHz; σ = 0.959 S/m; ε_r = 40.127; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.9, 8.9, 8.9) @ 900 MHz; Calibrated: 2021/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2021/04/09
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.625 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.77 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.698 W/kg
SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.326 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.631 W/kg



S04 System Check_H900_210911

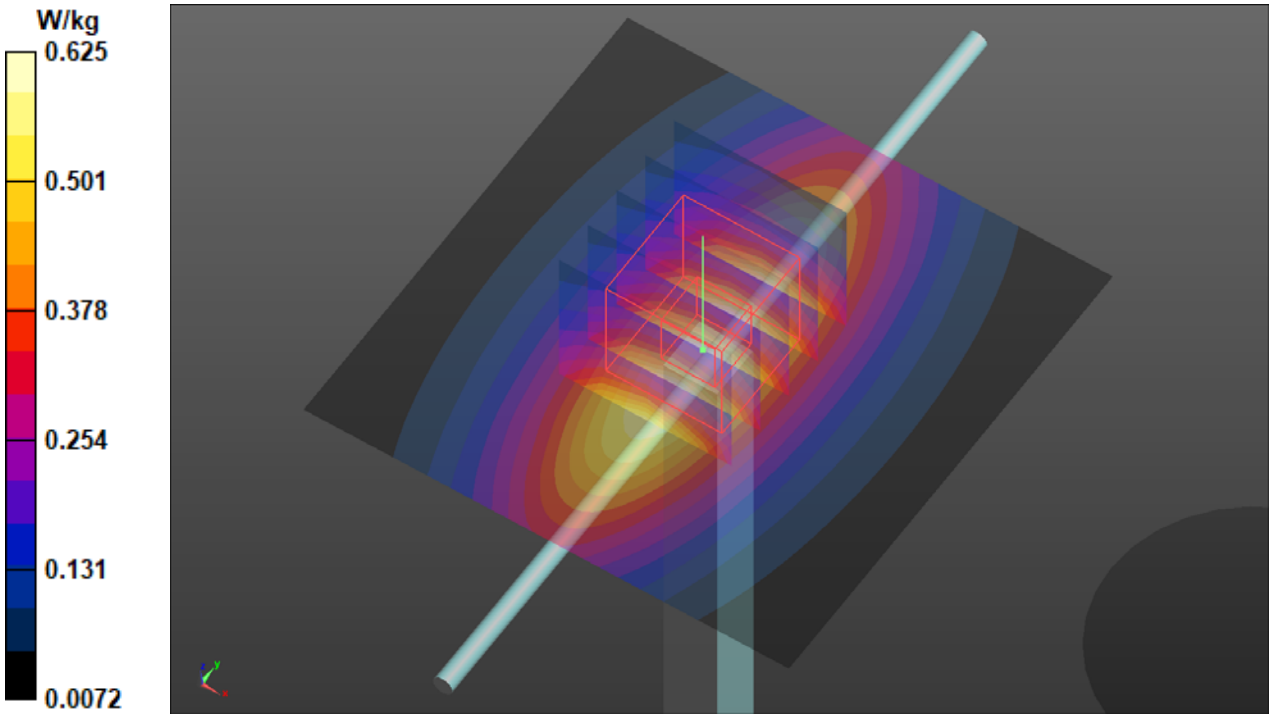
DUT: Dipole 900 MHz; Type: D900V2; SN: 1d121

Communication System: UID 0, CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: H07T10N1_0911 Medium parameters used: f = 900 MHz; σ = 0.959 S/m; ε_r = 40.127; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.9, 8.9, 8.9) @ 900 MHz; Calibrated: 2021/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2021/04/09
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.625 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.77 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.698 W/kg
SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.326 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.631 W/kg



S05 System Check_H900_210911

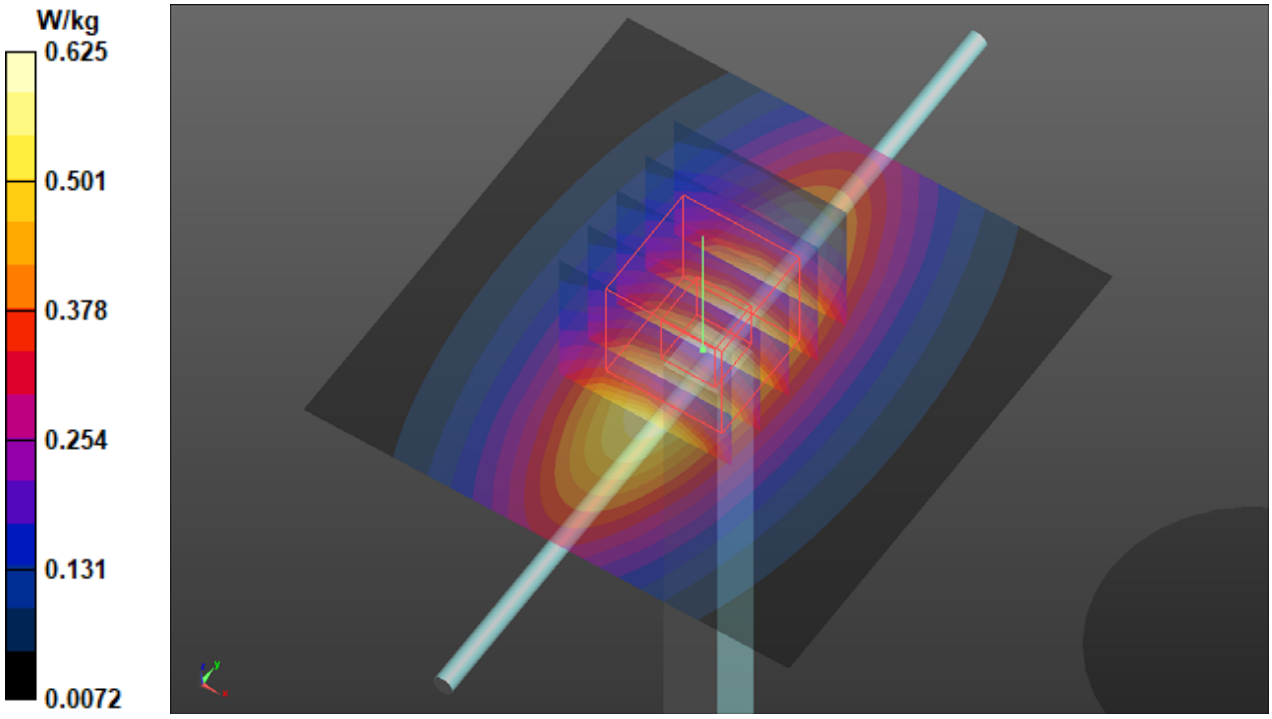
DUT: Dipole 900 MHz; Type: D900V2; SN: 1d121

Communication System: UID 0, CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: H07T10N1_0911 Medium parameters used: f = 900 MHz; σ = 0.959 S/m; ε_r = 40.127; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.9, 8.9, 8.9) @ 900 MHz; Calibrated: 2021/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2021/04/09
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.625 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.77 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.698 W/kg
SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.326 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.631 W/kg



S06 System Check_H900_210911

DUT: Dipole 900 MHz; Type: D900V2; SN: 1d121

Communication System: UID 0, CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: H07T10N1_0911 Medium parameters used: f = 900 MHz; σ = 0.959 S/m; ε_r = 40.127; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃ ； Liquid Temperature：23.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.9, 8.9, 8.9) @ 900 MHz; Calibrated: 2021/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2021/04/09
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.625 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.77 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.698 W/kg
SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.326 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.631 W/kg