Date/Time: 4/4/2016 3:26:29 PM

450MHz validation 05-28-2015

DUT: Dipole 450 MHz; Type: D450V2; Serial: D450V2 - SN:1090

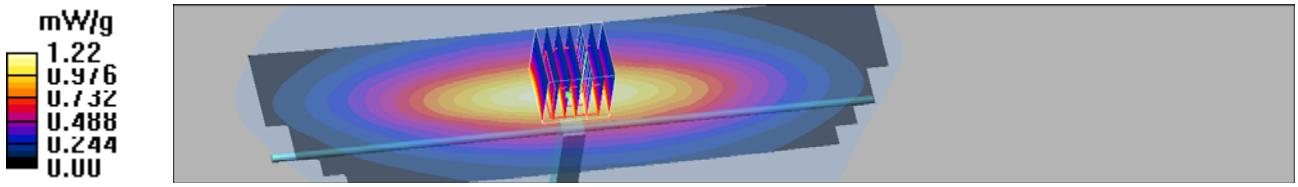
Communication System: CW; Frequency: 450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 0.95 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3035; ConvF(6.76, 6.76, 6.76); Calibrated: 5/18/2015
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn602; Calibrated: 5/22/2015
- Phantom: SAM with CRP; Type: SAM; Serial:
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (81x301x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.22 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 36.0 V/m; Power Drift = -0.070 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.765 mW/g
Maximum value of SAR (measured) = 1.24 mW/g



Date/Time: 4/4/2016 4:16:44 PM

600MHz validation 05-28-2015

DUT: Dipole 600 MHz; Type: D600V3; Serial: D600V3 - SN:1011

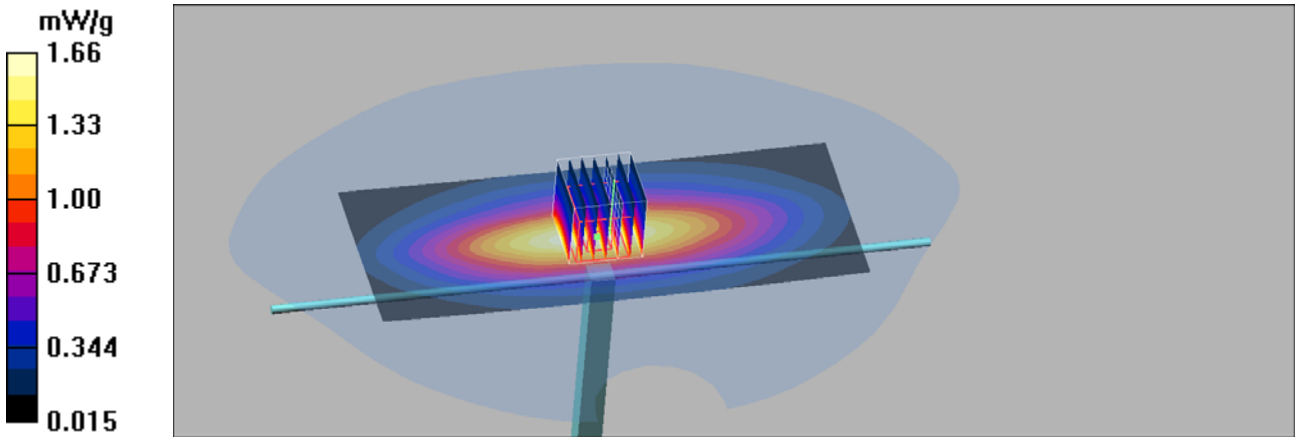
Communication System: CW; Frequency: 600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 600 MHz; σ = 0.93 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3035; ConvF(6.49, 6.49, 6.49); Calibrated: 5/18/2015
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn602; Calibrated: 5/22/2015
- Phantom: SAM with CRP; Type: SAM; Serial: Not Specified
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (81x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.66 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 42.8 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 2.36 W/kg
SAR(1 g) = 1.54 mW/g; SAR(10 g) = 1 mW/g
Maximum value of SAR (measured) = 1.66 mW/g



Date/Time: 4/5/2016 10:50:19 AM

503MHz body

DUT: lectrosonic; Type: DBA; Serial: 1

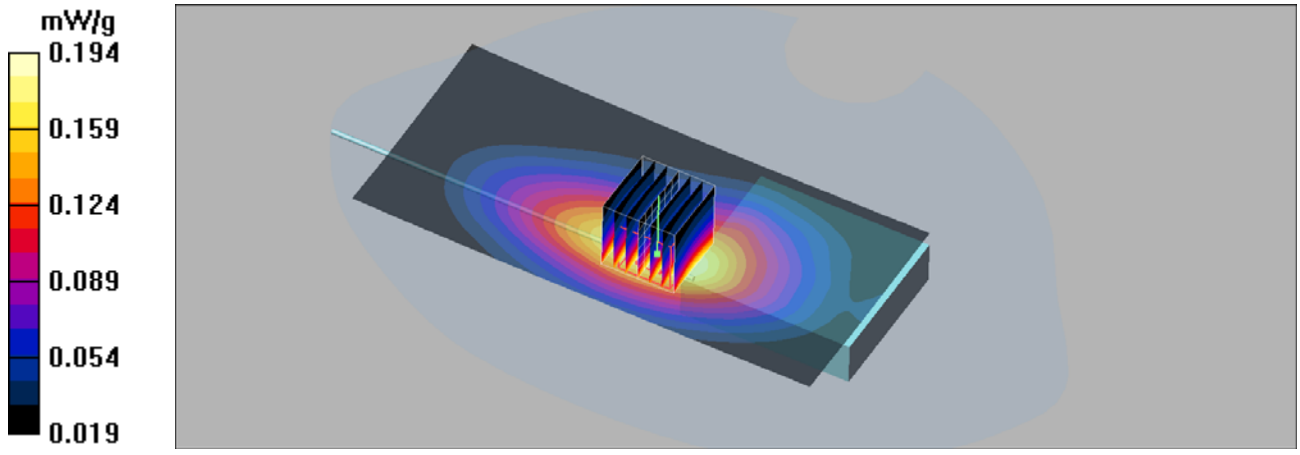
Communication System: CW; Frequency: 450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 1.03 mho/m; ε_r = 60; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3035; ConvF(6.76, 6.76, 6.76); Calibrated: 5/18/2015
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn602; Calibrated: 5/22/2015
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (91x191x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.197 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.81 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.124 mW/g
Maximum value of SAR (measured) = 0.194 mW/g



Date/Time: 4/5/2016 8:49:29 AM

539MHz body

DUT: lectrosonic; Type: DBA; Serial: 1

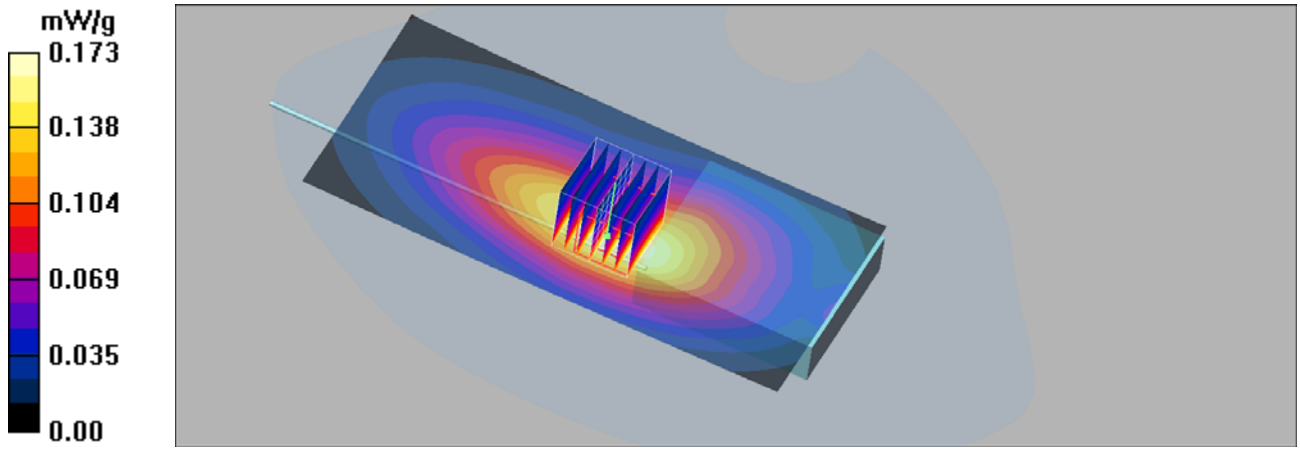
Communication System: CW; Frequency: 450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 450 MHz; σ = 1.03 mho/m; ε_r = 60; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3035; ConvF(6.76, 6.76, 6.76); Calibrated: 5/18/2015
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn602; Calibrated: 5/22/2015
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (91x191x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.173 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.70 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.242 W/kg
SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.172 mW/g



Date/Time: 4/5/2016 11:24:41 AM

575MHz body

DUT: lectrosonic; Type: DBA; Serial: 1

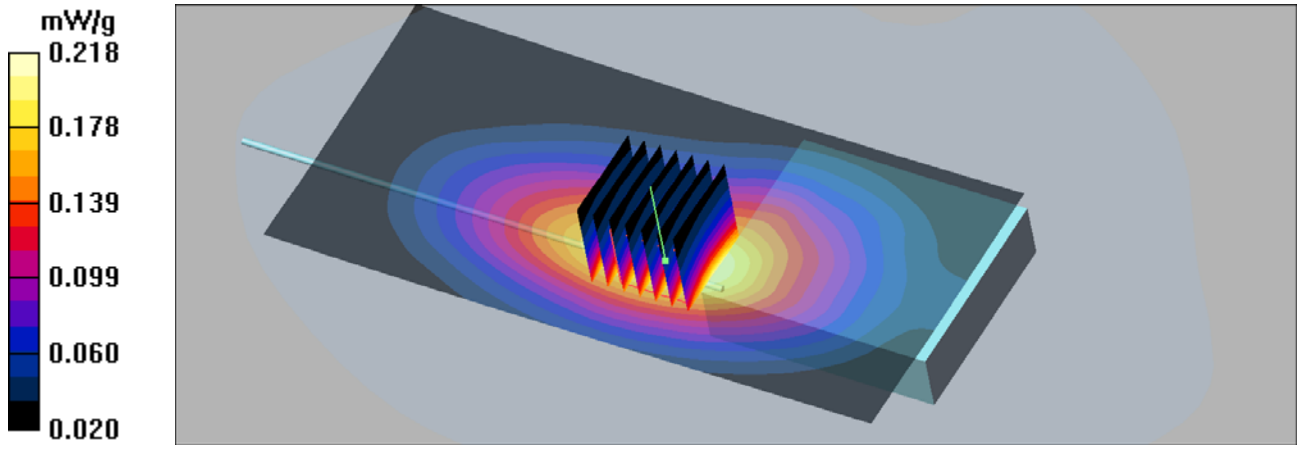
Communication System: CW; Frequency: 600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 600 MHz; σ = 0.96 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3035; ConvF(6.49, 6.49, 6.49); Calibrated: 5/18/2015
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn602; Calibrated: 5/22/2015
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (91x191x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.219 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.138 mW/g
Maximum value of SAR (measured) = 0.218 mW/g



Date/Time: 4/5/2016 9:29:07 AM

656MHz body

DUT: Lectrosonic; Type: DBA; Serial: 1

Communication System: CW; Frequency: 600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 600 MHz; σ = 0.96 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3035; ConvF(6.49, 6.49, 6.49); Calibrated: 5/18/2015
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn602; Calibrated: 5/22/2015
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Area Scan (91x191x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.243 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 0.342 W/kg
SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.149 mW/g
Maximum value of SAR (measured) = 0.242 mW/g