Attachment 1 – System Validation Plots

Date/Time: 2009/07/01 10:12:39

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Head 900 MHz)

DUT: Dipole 900 MHz; Type: D900V2; Serial: 153

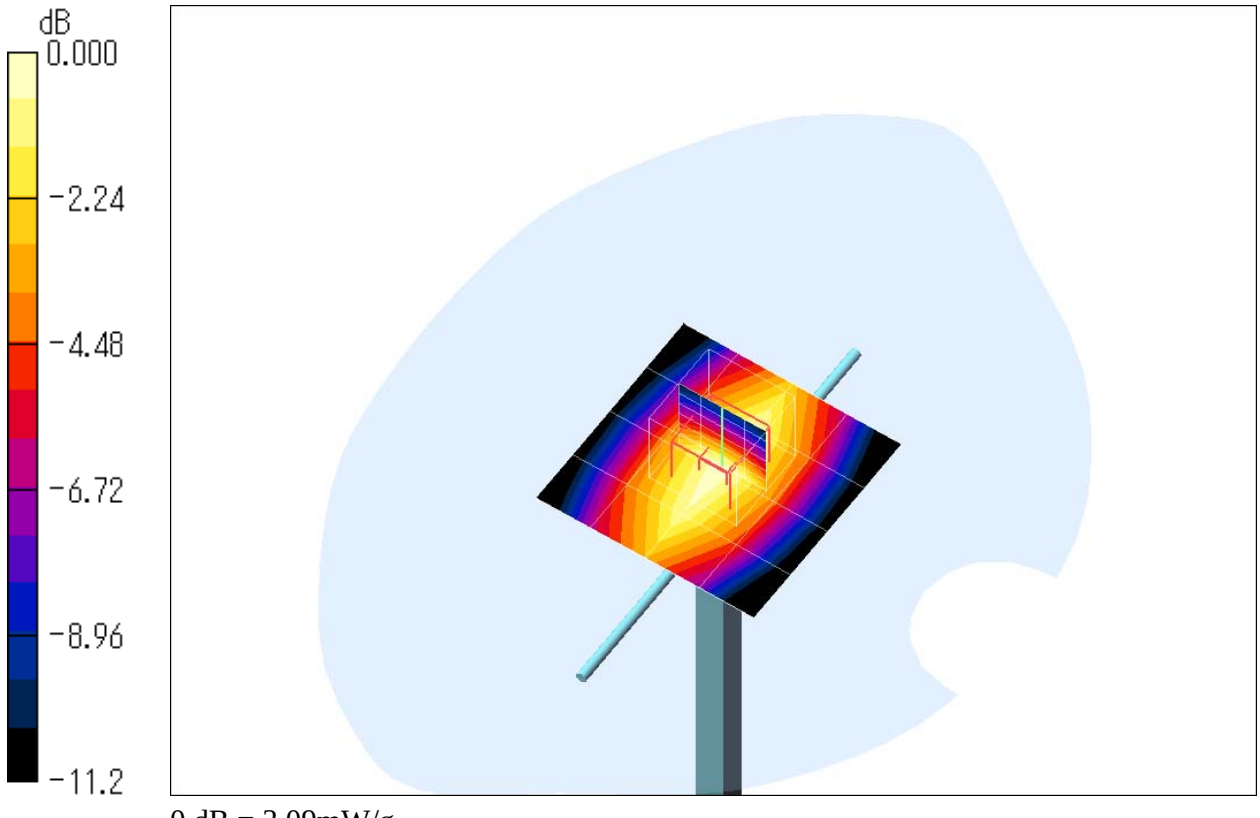
Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: HSL900 Medium parameters used: f = 900 MHz; σ = 0.946 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.29, 6.29, 6.29); Calibrated: 2008/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2008/10/31
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Antenna Input Power 250 mW/Area Scan (5x5x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 3.08 mW/g

Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 59.1 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 4.27 W/kg
SAR(1 g) = 2.84 mW/g; SAR(10 g) = 1.83 mW/g
Maximum value of SAR (measured) = 3.09 mW/g



0 dB = 3.09mW/g

Date/Time: 2009/07/02 10:37:31

Test Laboratory: JAPAN QUALITY ASSURANCE ORGANIZATION

System Validation (Body 900 MHz)

DUT: Dipole 900 MHz; Type: D900V2; Serial: 153

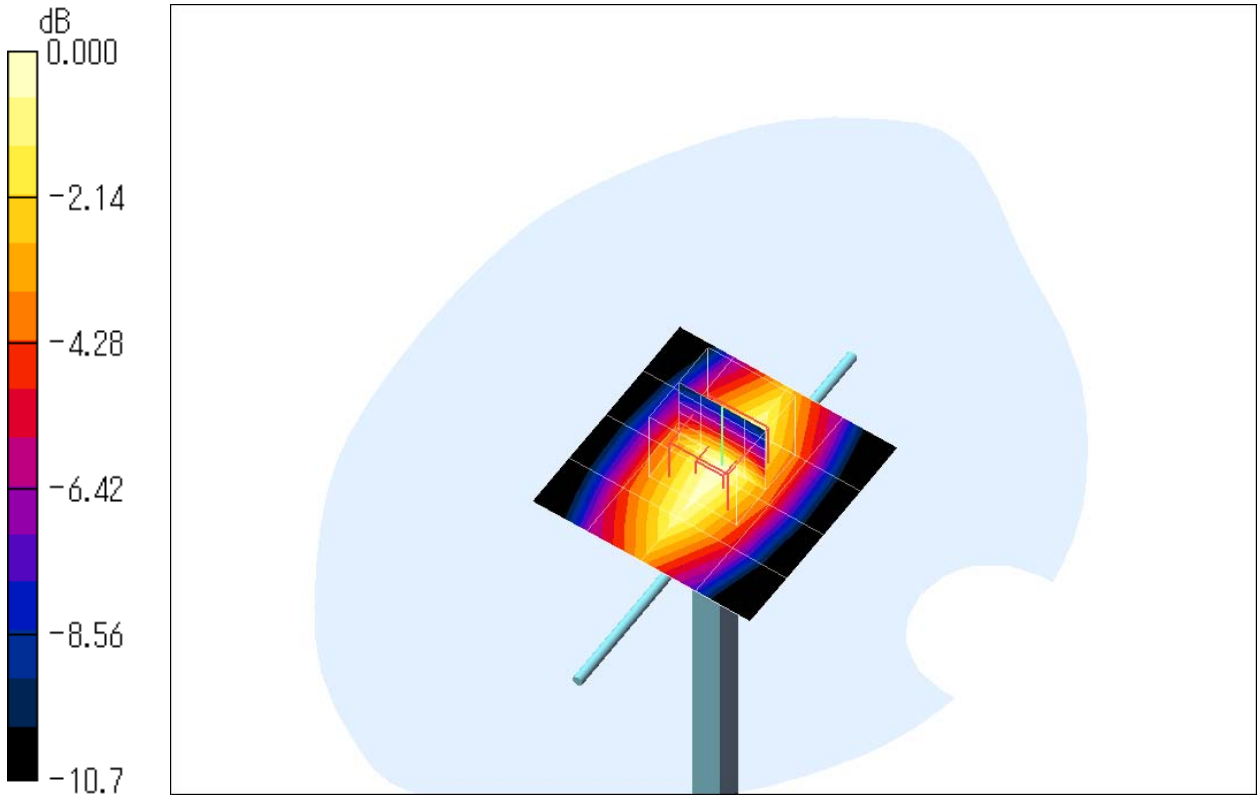
Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: M900 Medium parameters used: f = 900 MHz; σ = 1.02 mho/m; ε_r = 53.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1679; ConvF(6.22, 6.22, 6.22); Calibrated: 2008/12/15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn508; Calibrated: 2008/10/31
- Phantom: SAM 1200; Type: QD 000 P40 CA; Serial: 1200
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Antenna Input Power 250 mW/Area Scan (5x5x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 3.03 mW/g

Antenna Input Power 250 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.8 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 4.01 W/kg
SAR(1 g) = 2.8 mW/g; SAR(10 g) = 1.83 mW/g



0 dB = 3.03mW/g