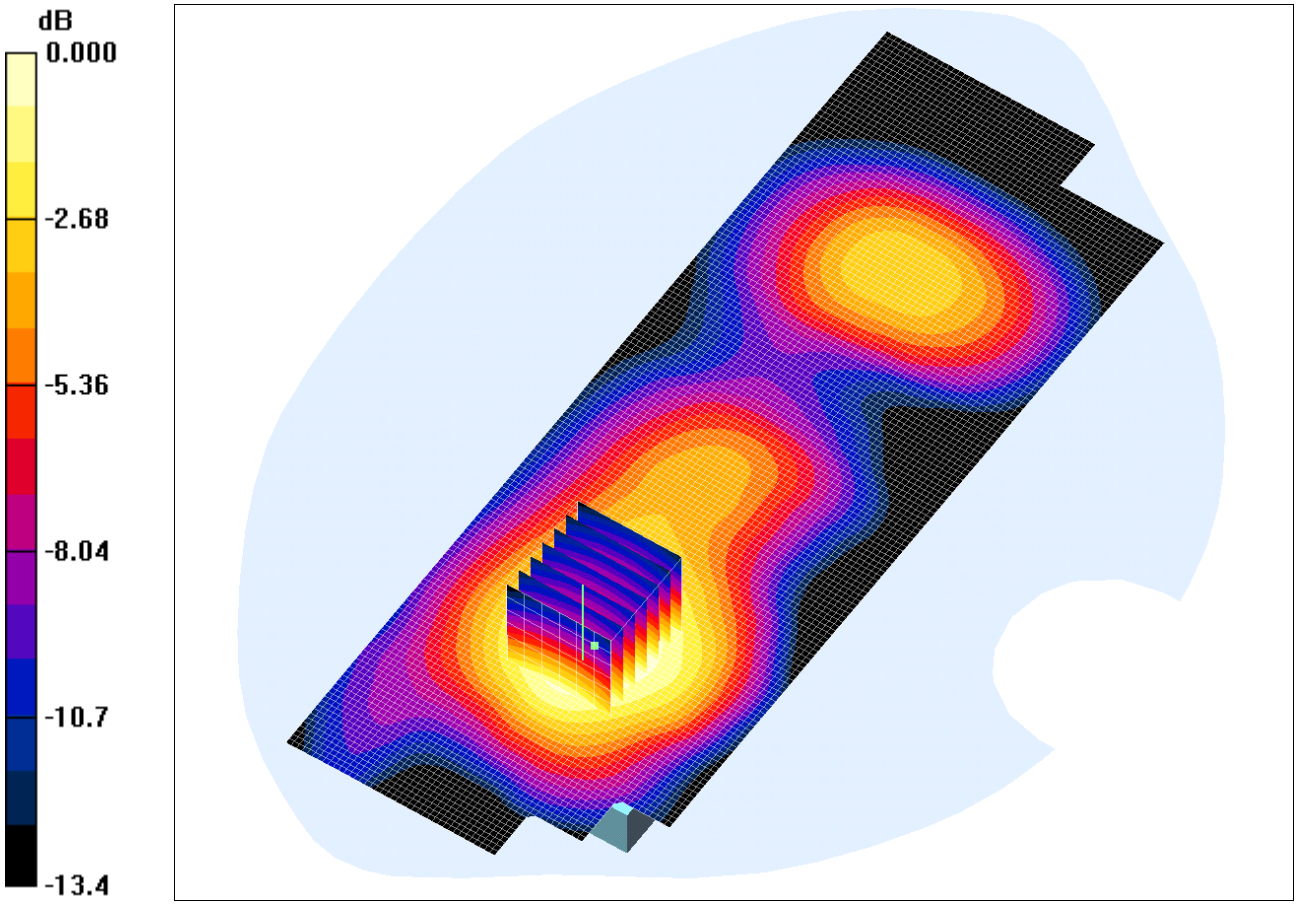
Date: 01/11/2006

72327_JD02_009

Test Laboratory: RFI GLOBAL SERVICES LTD.

72327_JD02_009_Display_of_EUT_Facing_Phantom_Open_with_PHF_CH660_GPRS

DUT: Panasonic; Type: VS70A (Sample C3); IMEI: 0044010220170043



0 dB = 0.232mW/g

Communication System: GPRS 1900; Frequency: 1879.8 MHz;Duty Cycle: 1:4
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1879.8 MHz; σ = 1.58 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.55, 4.55, 4.55); Calibrated: 12/07/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 19/05/2006
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Display of EUT Facing Phantom Open with PHF - Middle/Area Scan (61x171x1):
Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.238 mW/g

Display of EUT Facing Phantom Open with PHF - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.75 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.232 mW/g

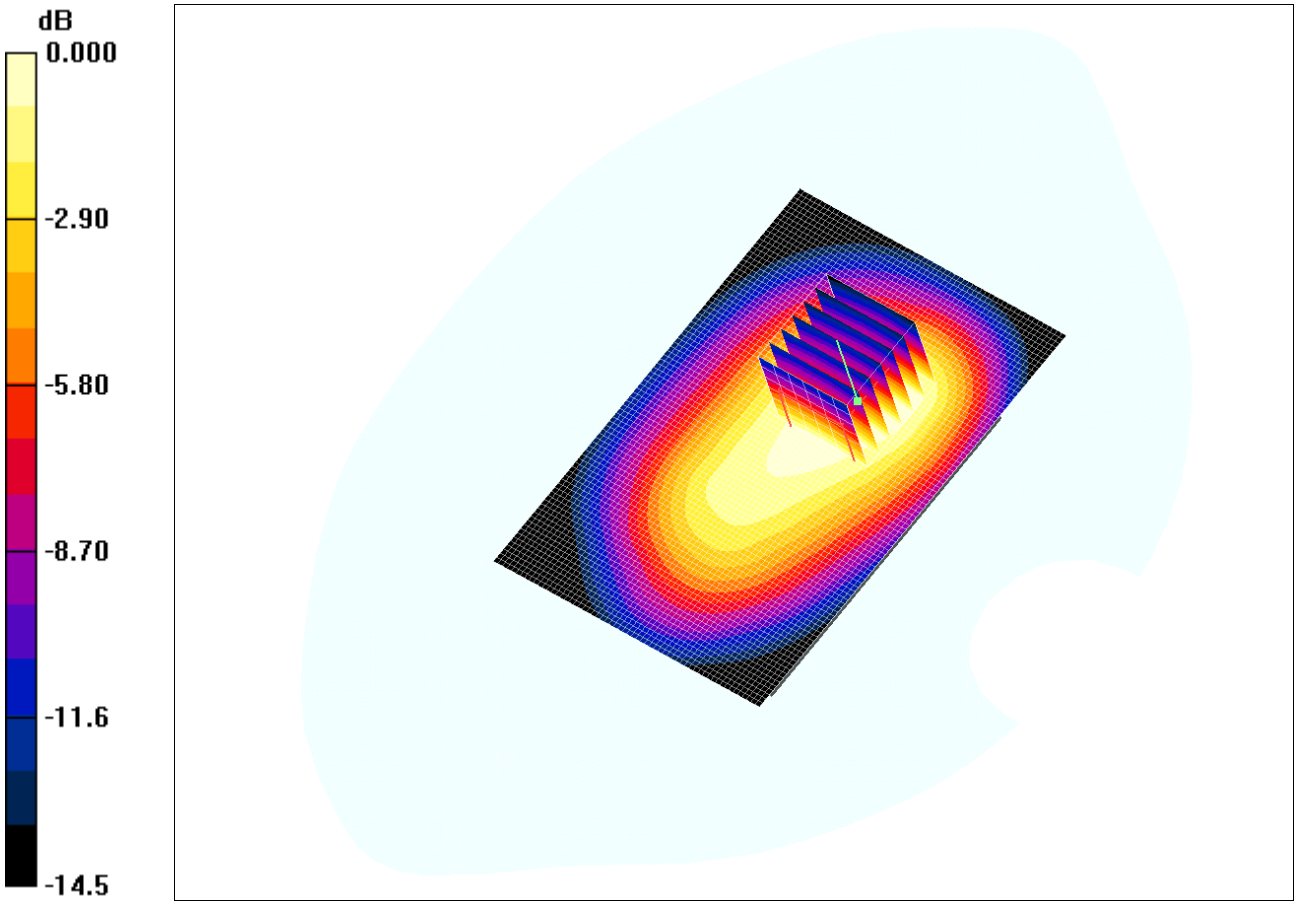
Date: 01/11/2006

72327_JD02_010

Test Laboratory: RFI GLOBAL SERVICES LTD.

72327_JD02_010_Rear_of_EUT_Facing_Phantom_Closed_with_PHF_CH660_GPRS

DUT: Panasonic; Type: VS70A (Sample C3); IMEI: 0044010220170043



0 dB = 0.310mW/g

Communication System: GPRS 1900; Frequency: 1879.8 MHz;Duty Cycle: 1:4
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1879.8 MHz; σ = 1.58 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.55, 4.55, 4.55); Calibrated: 12/07/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 19/05/2006
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Rear of EUT Facing Phantom Closed with PHF - Middle/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.325 mW/g

Rear of EUT Facing Phantom Closed with PHF - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.3 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.484 W/kg
SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.310 mW/g

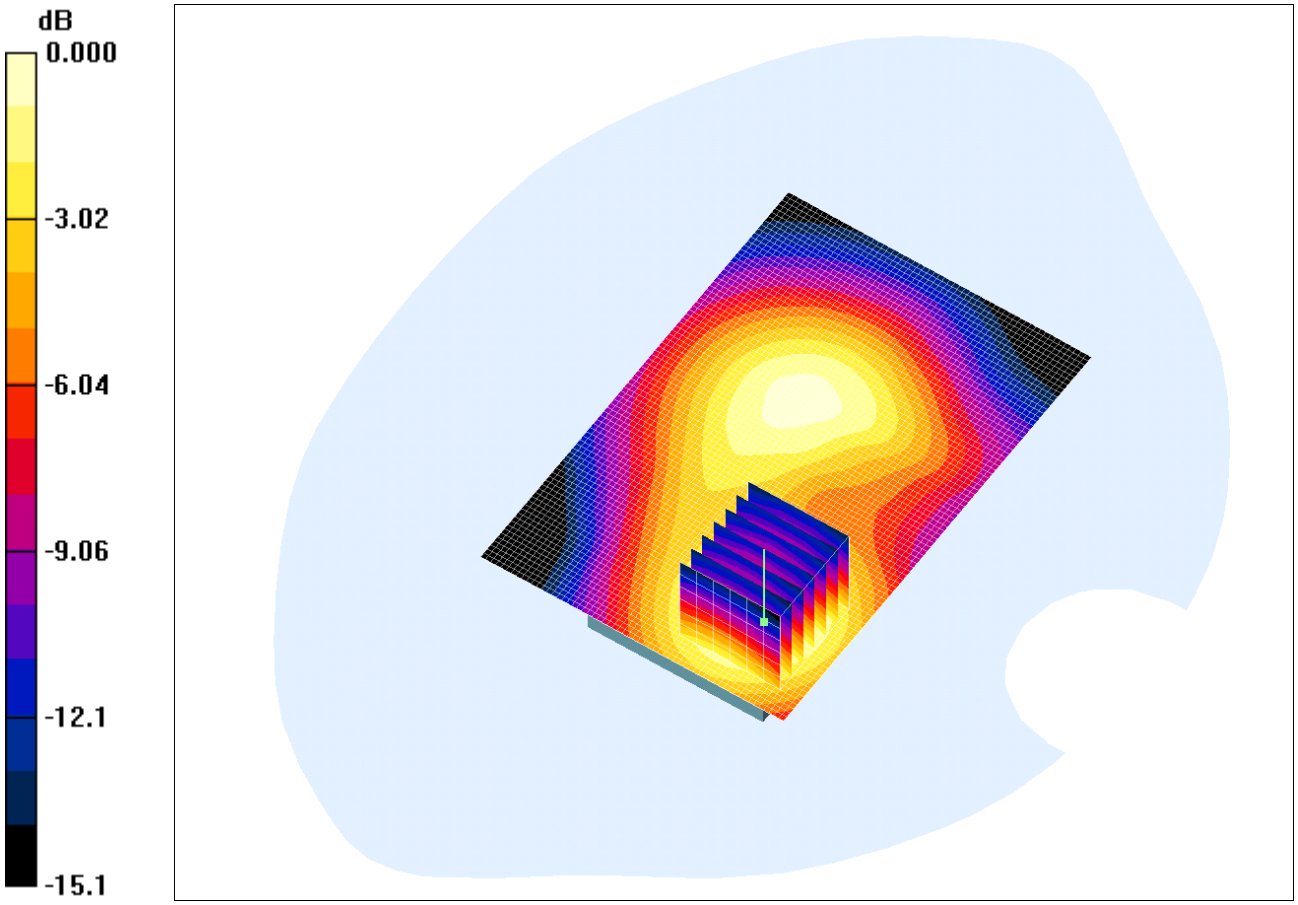
Date: 01/11/2006

72327_JD02_011

Test Laboratory: RFI GLOBAL SERVICES LTD.

72327_JD02_011_Display_of_EUT_Facing_Phantom_Closed_with_PHF_CH660_GPRS

DUT: Panasonic; Type: VS70A (Sample C3); IMEI: 0044010220170043



0 dB = 0.120mW/g

Communication System: GPRS 1900; Frequency: 1879.8 MHz;Duty Cycle: 1:4
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1879.8 MHz; σ = 1.58 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.55, 4.55, 4.55); Calibrated: 12/07/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 19/05/2006
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Display of EUT Facing Phantom Closed with PHF - Middle/Area Scan (61x91x1):
Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.121 mW/g

Display of EUT Facing Phantom Closed with PHF - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.68 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 0.170 W/kg
SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.120 mW/g

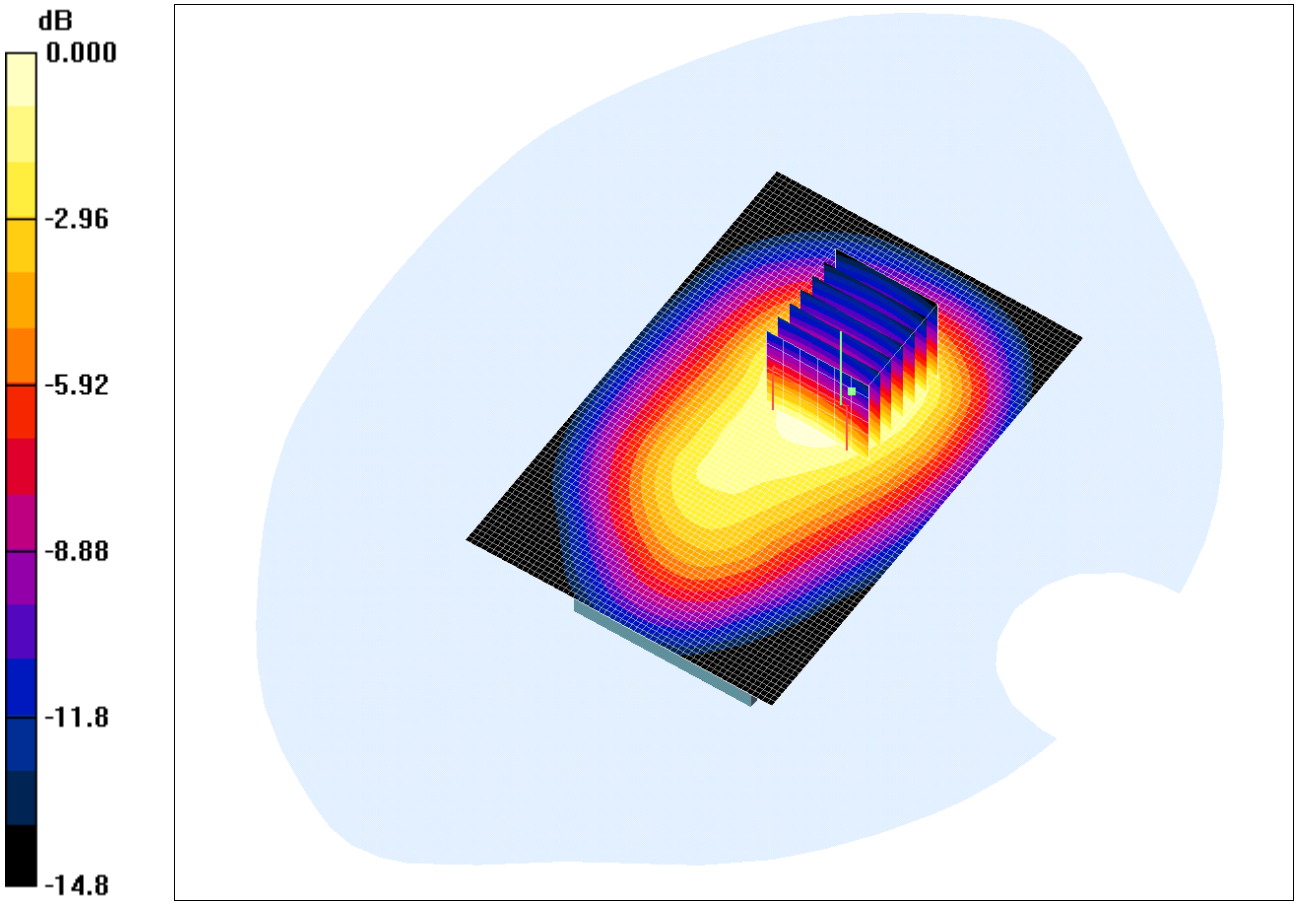
Date: 01/11/2006

72327_JD02_012

Test Laboratory: RFI GLOBAL SERVICES LTD.

72327_JD02_012_Rear_of_EUT_Facing_Phantom_Closed_with_PHF_CH512_GPRS

DUT: Panasonic; Type: VS70A (Sample C3); IMEI: 0044010220170043



0 dB = 0.347mW/g

Communication System: GPRS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.55 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.55, 4.55, 4.55); Calibrated: 12/07/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 19/05/2006
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Rear of EUT Facing Phantom Closed with PHF - Low/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.360 mW/g

Rear of EUT Facing Phantom Closed with PHF - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.5 V/m; Power Drift = 0.013 dB
Peak SAR (extrapolated) = 0.538 W/kg
SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.347 mW/g

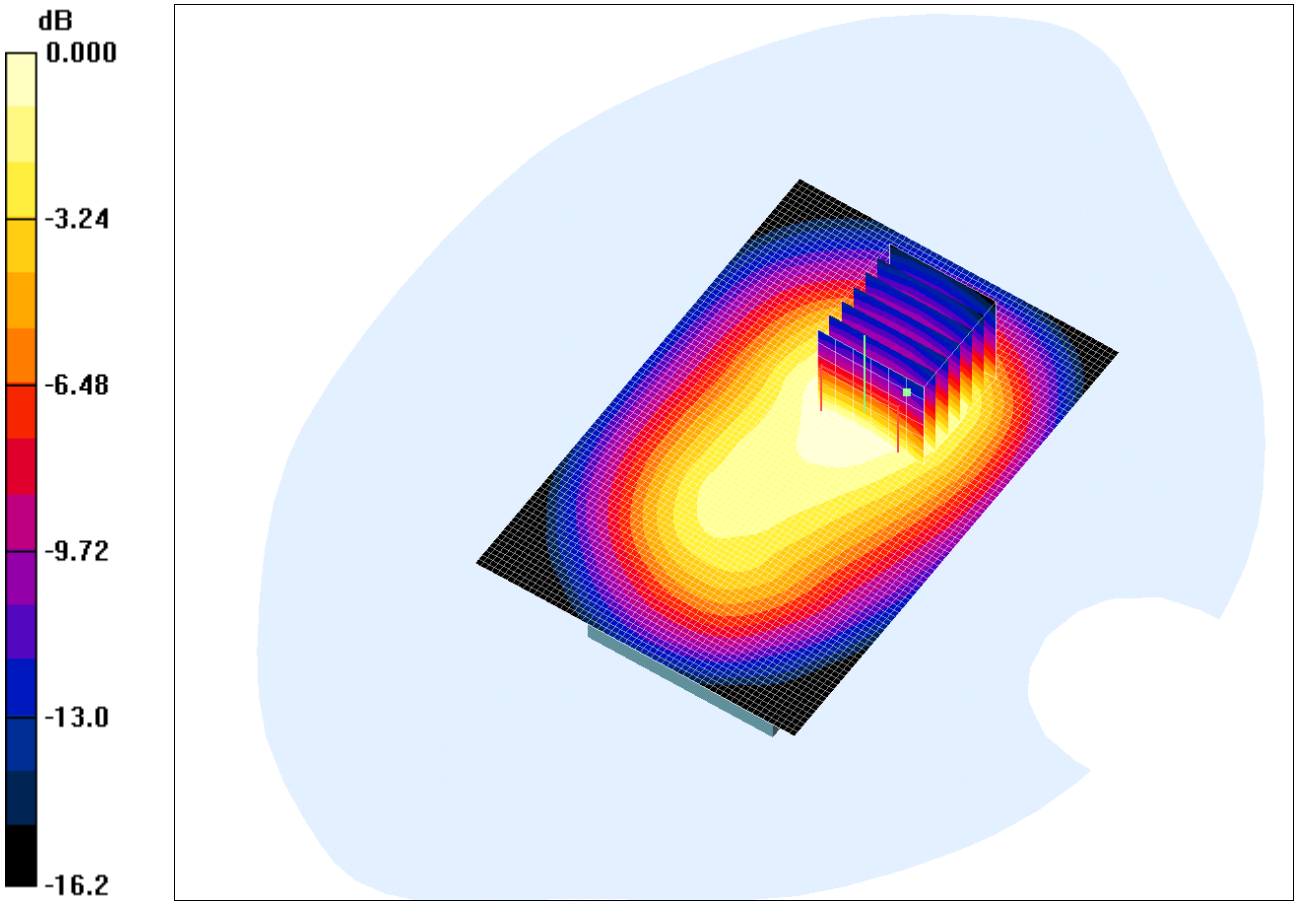
Date: 01/11/2006

72327_JD02_013

Test Laboratory: RFI GLOBAL SERVICES LTD.

72327_JD02_013_Rear_of_EUT_Facing_Phantom_Closed_with_PHF_CH810_GPRS

DUT: Panasonic; Type: VS70A (Sample C3); IMEI: 0044010220170043



0 dB = 0.245mW/g

Communication System: GPRS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.61 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.55, 4.55, 4.55); Calibrated: 12/07/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 19/05/2006
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Rear of EUT Facing Phantom Closed with PHF -High/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.264 mW/g

Rear of EUT Facing Phantom Closed with PHF -High/Zoom Scan (7x7x7) (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = -0.047 dB
Peak SAR (extrapolated) = 0.392 W/kg
SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.140 mW/g

Maximum value of SAR (measured) = 0.245 mW/g

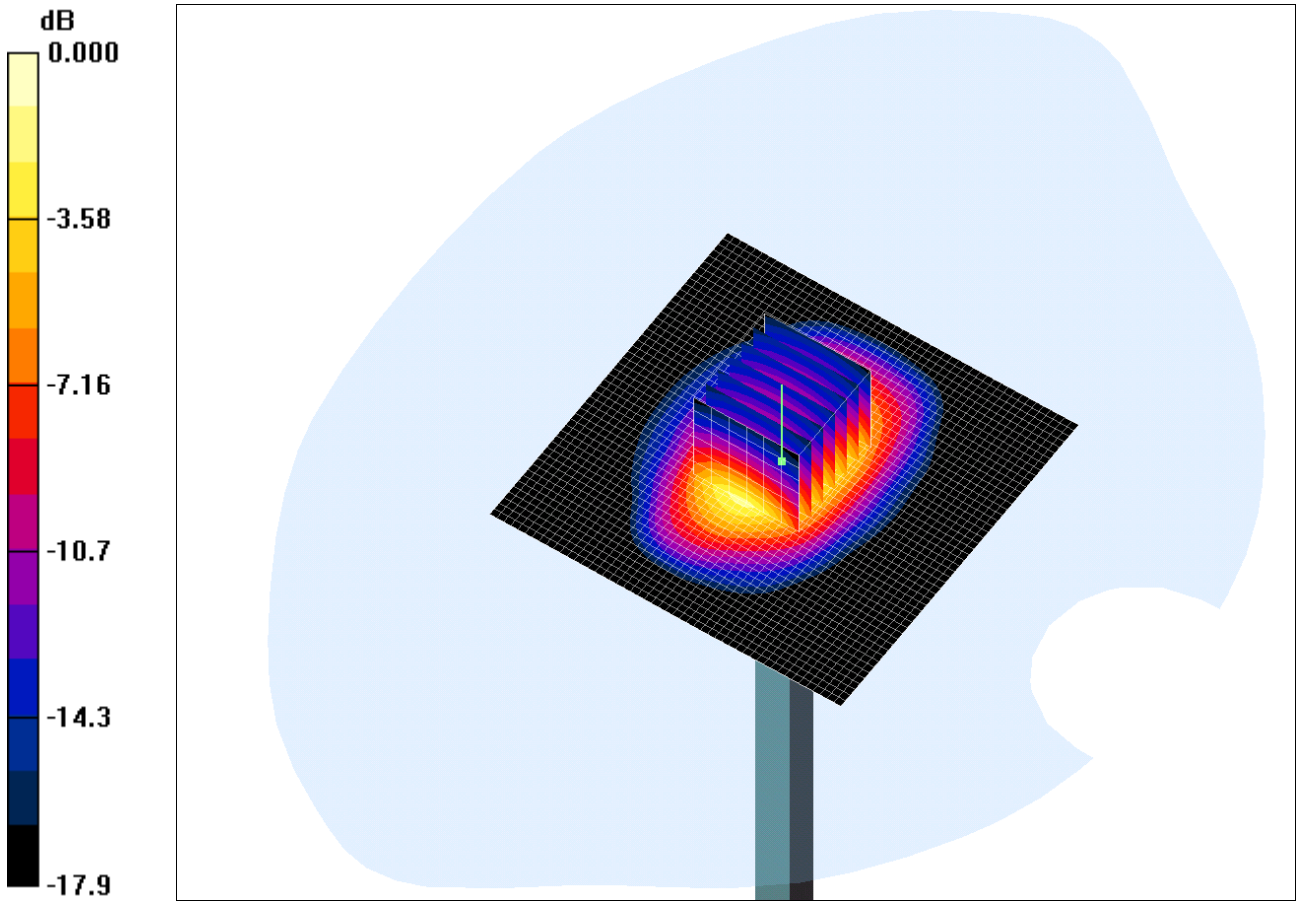
Date: 01/11/2006

72327_JD02_Validation_001

Test Laboratory: RFI GLOBAL SERVICES LTD.

System Performance Check-D1900 01 11 06

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 10.4mW/g

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used: f = 1900 MHz; σ = 1.45 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(5.09, 5.09, 5.09); Calibrated: 12/07/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 19/05/2006
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=15mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 14.0 mW/g

d=15mm, Pin=250mW/Zoom Scan 7x7x7 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 87.3 V/m; Power Drift = 0.086 dB
Peak SAR (extrapolated) = 16.1 W/kg
SAR(1 g) = 9.18 mW/g; SAR(10 g) = 4.8 mW/g
Maximum value of SAR (measured) = 10.4 mW/g

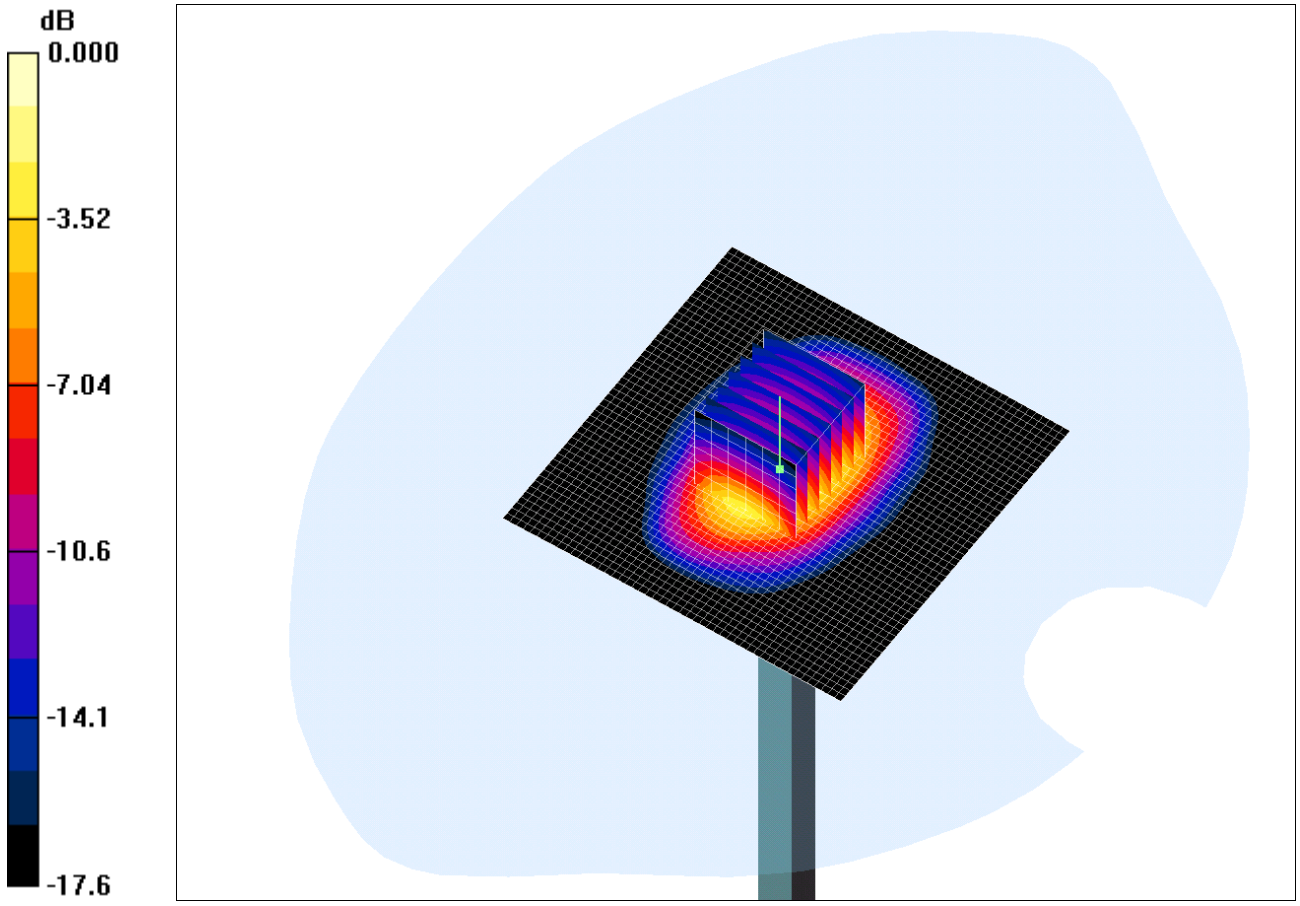
Date: 01/11/2006

72327_JD02_Validation_002

Test Laboratory: RFI GLOBAL SERVICES LTD.

System Performance Check-D1900 01 11 06

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.2mW/g

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used: f = 1900 MHz; σ = 1.6 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.55, 4.55, 4.55); Calibrated: 12/07/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 19/05/2006
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=15mm, Pin=250mW 2/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 14.9 mW/g

d=15mm, Pin=250mW 2/Zoom Scan 7x7x7 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89.6 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 17.1 W/kg
SAR(1 g) = 9.9 mW/g; SAR(10 g) = 5.2 mW/g
Maximum value of SAR (measured) = 11.2 mW/g