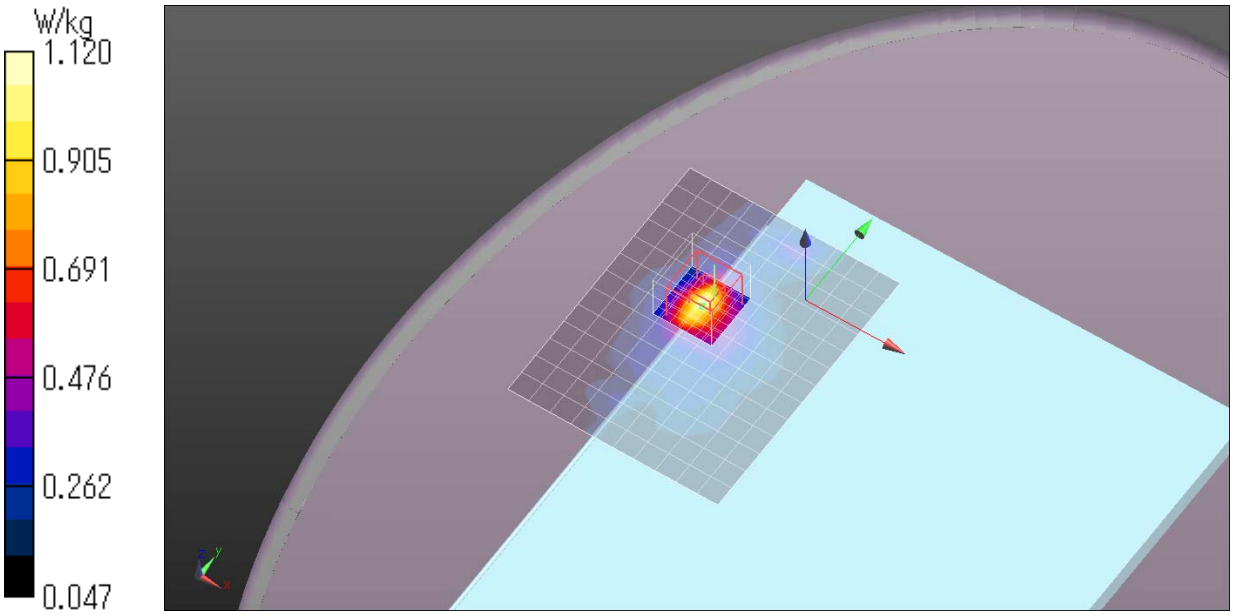
SAR plots for W56 Band

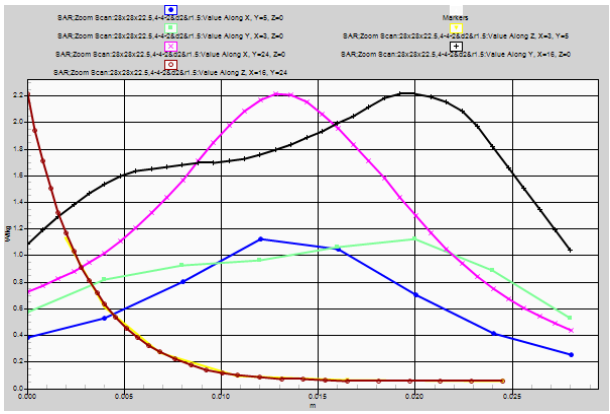
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5600 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5600 MHz; σ = 6.039 S/m; ε_r = 47.863; ρ = 1000 kg/m^3

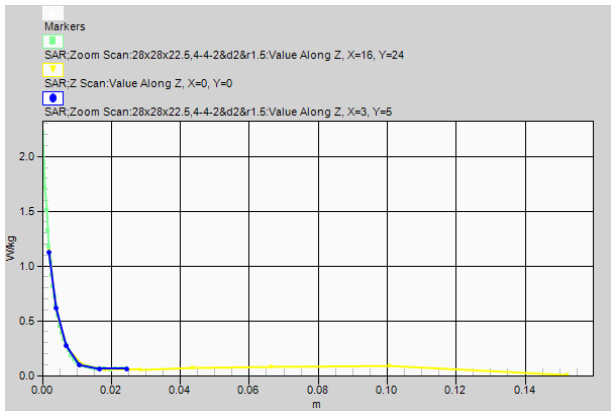
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.61, 3.61, 3.61); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Lap held(Bottom face)/Touch(0mm)_Main-Ant_W56_11a 6Mbps_5600MHz120ch/
Area Scan:100x135,10 (11x14x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 1.10 W/kg
Area Scan:100x135,10 (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 1.17 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 1.13 W/kg

Zoom Scan:28x28x22.5,4-4-2&d2&r1.5 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 17.290 V/m; Power Drift = -0.04 dB, Maximum value of SAR (measured) = 1.12 W/kg
Peak SAR (extrapolated) = 2.216 mW/g
SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.251 mW/g







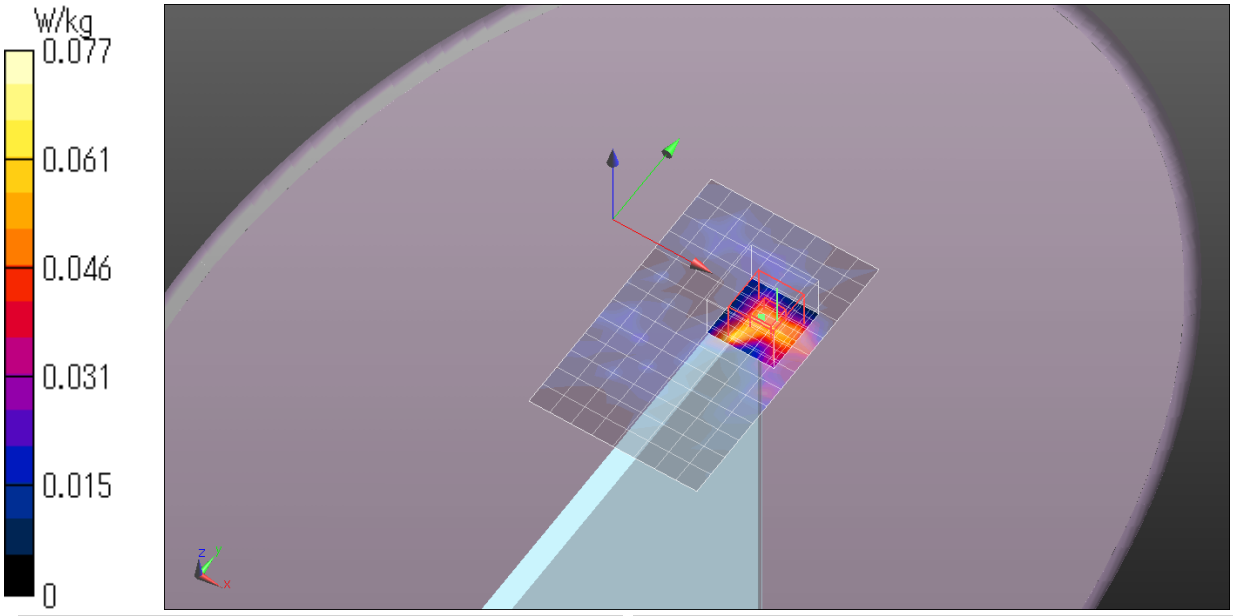
Remarks:*. Date tested: Date/Time: 2012/11/28; Tested by: Kazutaka Takeyama; Tested place:No.7 shielded room,
*.liquid depth: 151mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.8 deg.C. / 45 %RH,
*.liquid temperature: 24.4(start)/24.4(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

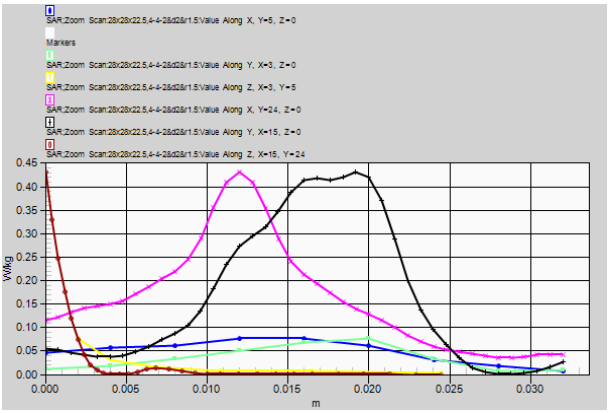
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5600 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5600 MHz; σ = 5.971 S/m; ε_r = 47.792; ρ = 1000 kg/m^3

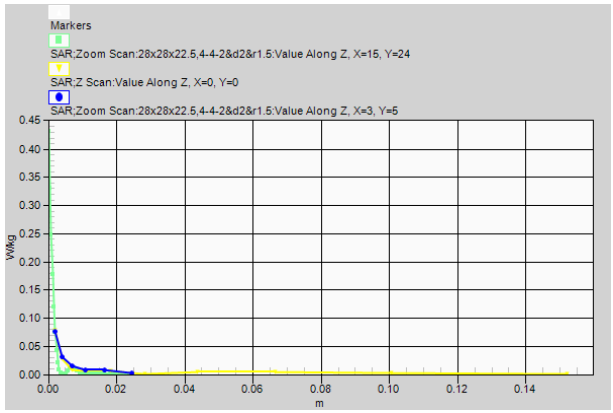
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.61, 3.61, 3.61); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Left side/--Touch(0mm)_Main-Ant_W56_11a6Mbps_5600MHz120ch/
Area Scan:80x130,10 (9x14x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.0632 W/kg
Area Scan:80x130,10 (81x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.122 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.0788 W/kg

Zoom Scan:28x28x22.5,4-4-2&d2&r1.5 (9x9x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.225 V/m; Power Drift = 0.08 dB, Maximum value of SAR (measured) = 0.0767 W/kg
Peak SAR (extrapolated) = 0.431 mW/g
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.013 mW/g







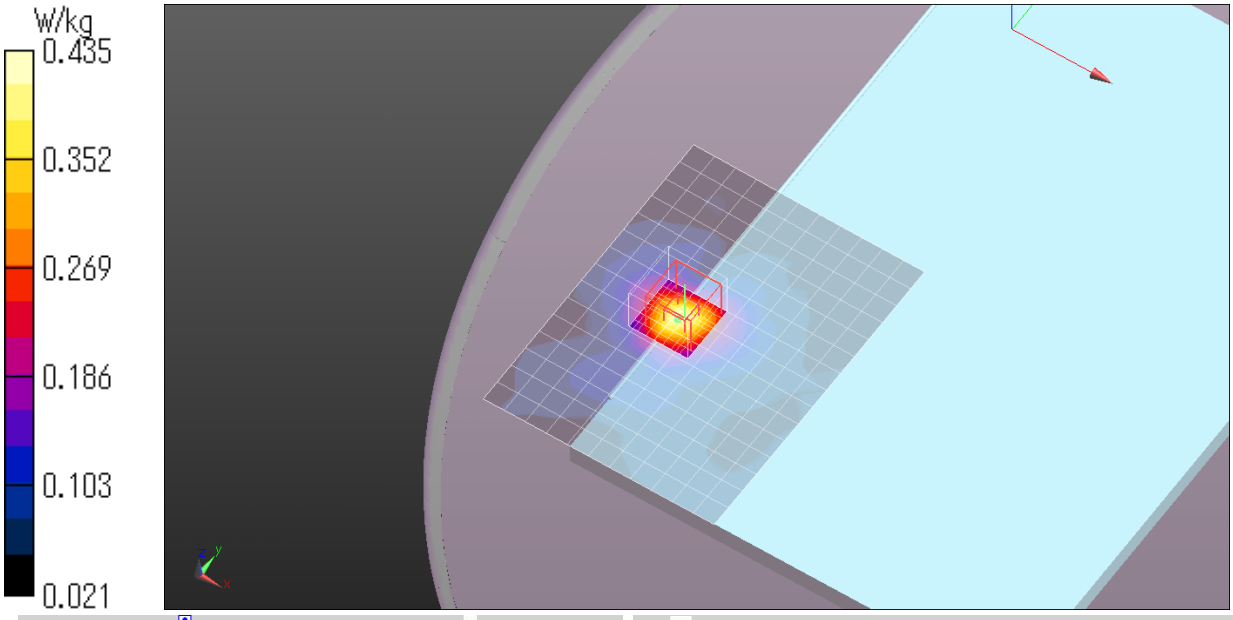
Remarks:*. Date tested: Date/Time: 2012/12/1; Tested by: Tomochika Sato; Tested place:No.7 shielded room,
*.liquid depth: 152mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.4 deg.C. / 43 %RH,
*.liquid temperature: 24.0(start)/24.0(end)/24.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

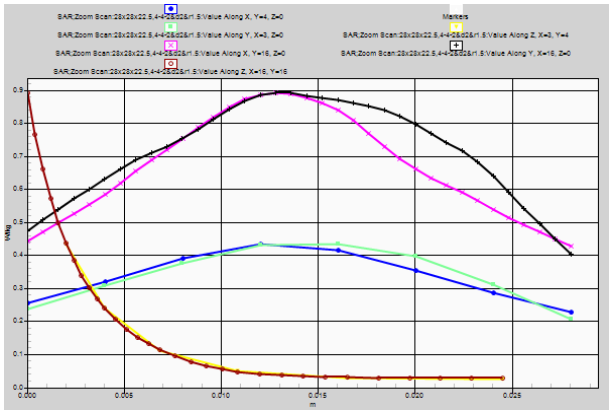
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5300 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5300 MHz; σ = 5.545 S/m; ε_r = 48.217; ρ = 1000 kg/m^3

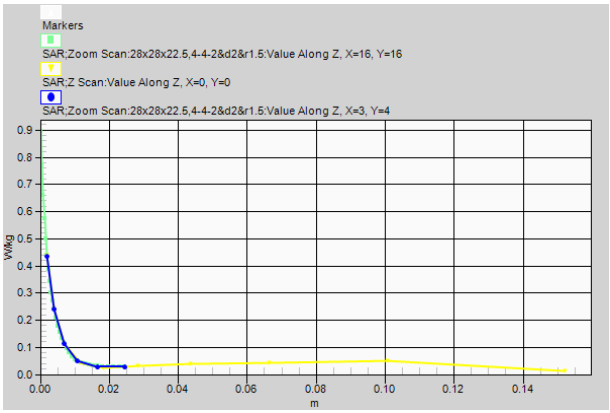
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.98, 3.98, 3.98); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

LCD back side(Nearby person)/Touch(0mm)_Main-Ant_W56_11a 6Mbps_5600MHz120ch/
Area Scan:110x150,10 (12x16x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.415 W/kg
Area Scan:110x150,10 (111x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.454 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.438 W/kg

Zoom Scan:28x28x22.5,4-4-2&d2&r1.5 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 10.754 V/m; Power Drift = -0.07 dB, Maximum value of SAR (measured) = 0.435 W/kg
Peak SAR (extrapolated) = 0.894 mW/g
SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.114 mW/g







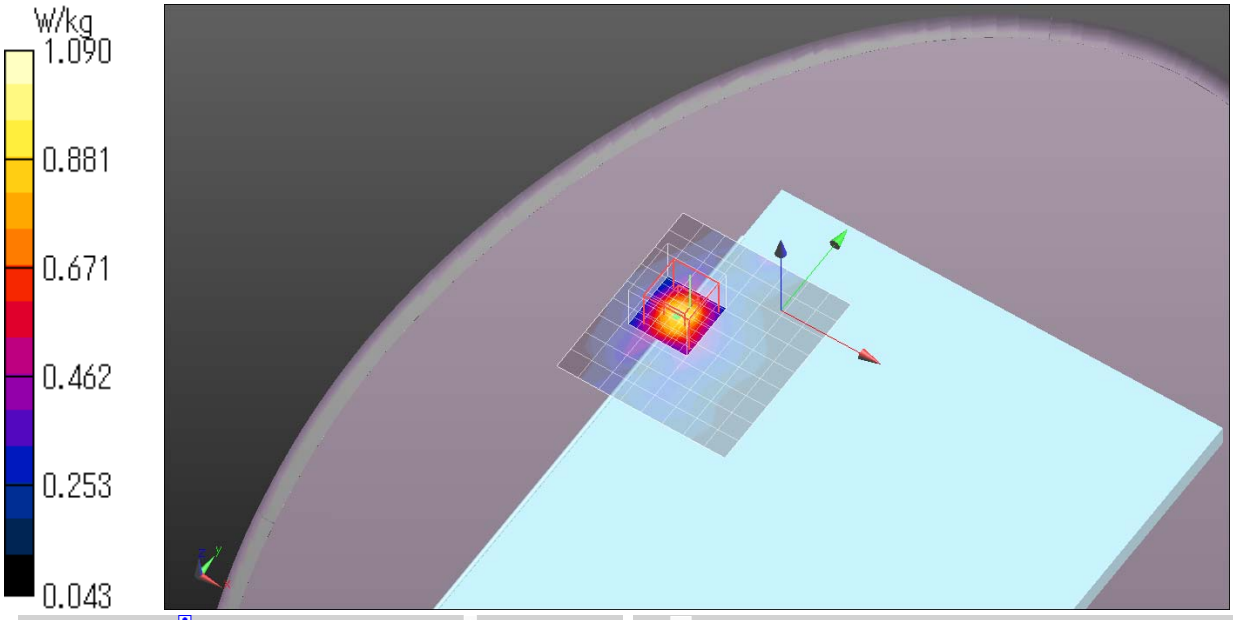
Remarks:*. Date tested: Date/Time: 2012/12/1; Tested by: Tomochika Sato; Tested place:No.7 shielded room,
*.liquid depth: 152mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.4 deg.C. / 43 %RH,
*.liquid temperature: 24.0(start)/24.0(end)/24.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

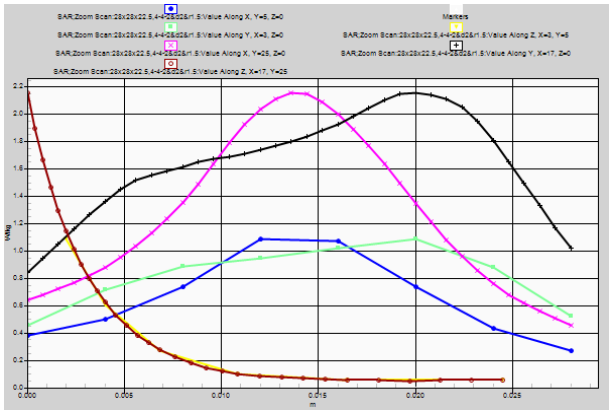
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5520 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5520 MHz; σ = 5.919 S/m; ε_r = 48.026; ρ = 1000 kg/m^3

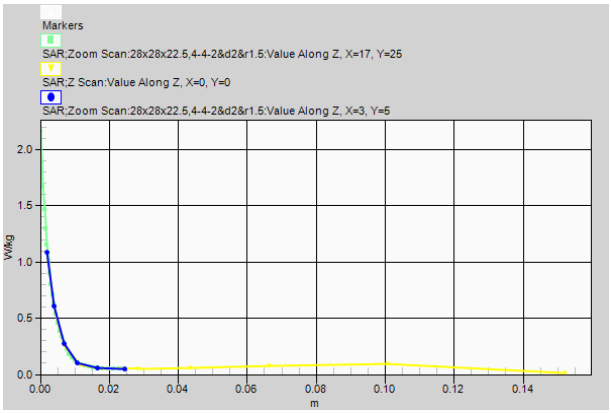
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.7, 3.7, 3.7); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Lap held(Bottom face)/Touch(0mm)_Main-Ant_W56_11a6Mbps_5520MHz104ch/
Area Scan:80x90,10 (9x10x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.917 W/kg
Area Scan:80x90,10 (81x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 1.05 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 1.09 W/kg

Zoom Scan:28x28x22.5,4-4-2&d2&r1.5 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 15.826 V/m; Power Drift = 0.03 dB, Maximum value of SAR (measured) = 1.09 W/kg
Peak SAR (extrapolated) = 2.158 mW/g
SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.245 mW/g







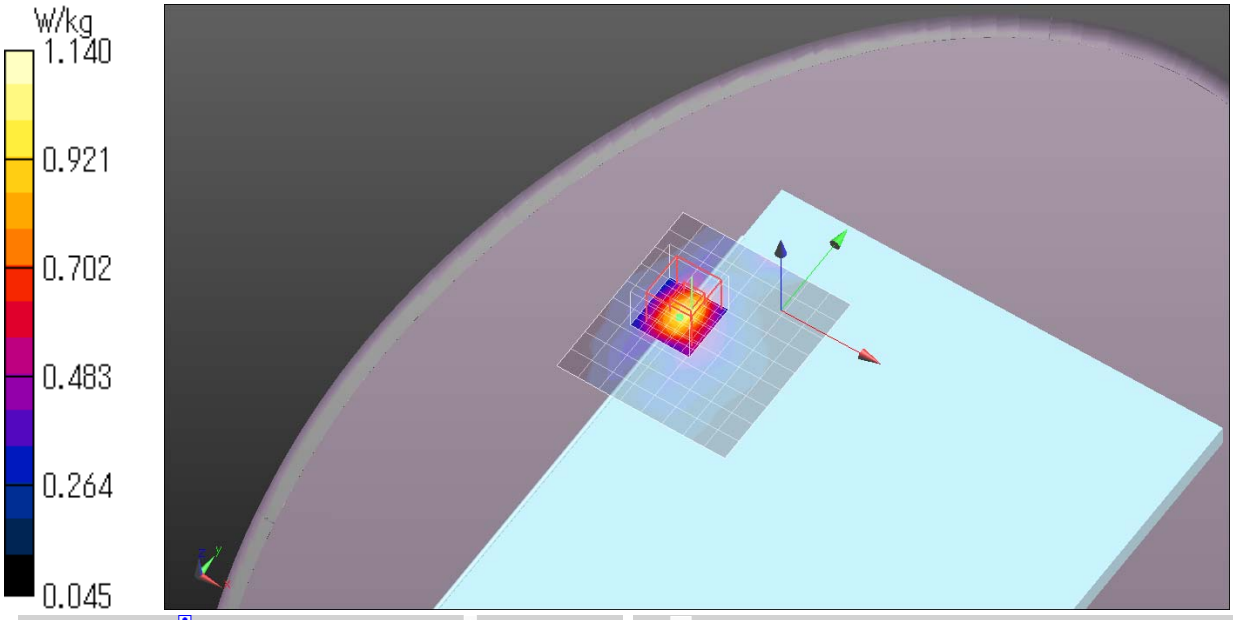
Remarks:*. Date tested: Date/Time: 2012/11/28; Tested by: Kazutaka Takeyama; Tested place:No.7 shielded room,
*.liquid depth: 151mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.8 deg.C. / 45 %RH,
*.liquid temperature: 24.4(start)/24.4(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

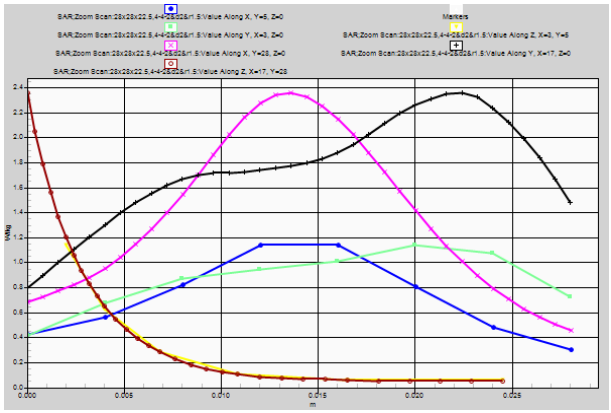
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5560 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5560 MHz; σ = 5.954 S/m; ε_r = 47.835; ρ = 1000 kg/m^3

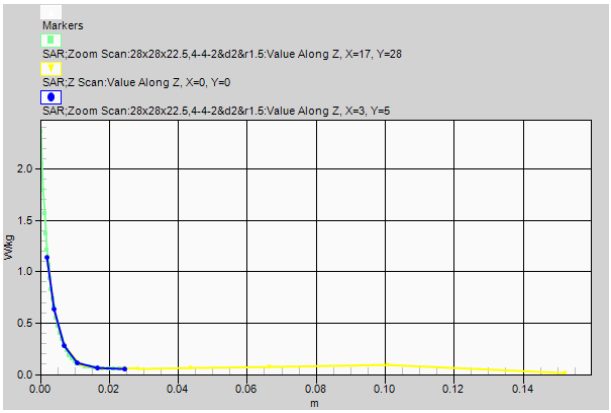
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.61, 3.61, 3.61); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Lap held(Bottom face)/Touch(0mm)_Main-Ant_W56_11a6Mbps_5560MHz112ch/
Area Scan:80x90,10 (9x10x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.988 W/kg
Area Scan:80x90,10 (81x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 1.04 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 1.14 W/kg

Zoom Scan:28x28x22.5,4-4-2&d2&r1.5 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 16.348 V/m; Power Drift = 0.01 dB, Maximum value of SAR (measured) = 1.14 W/kg
Peak SAR (extrapolated) = 2.361 mW/g
SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.256 mW/g







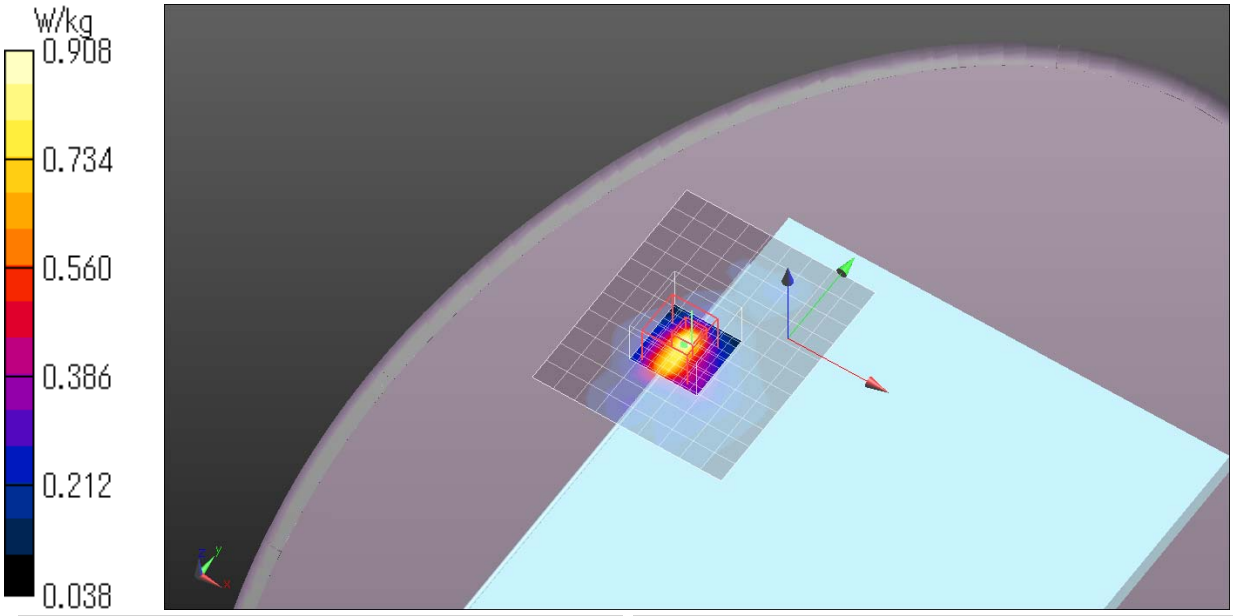
Remarks:*. Date tested: Date/Time: 2012/11/28; Tested by: Kazutaka Takeyama; Tested place:No.7 shielded room,
*.liquid depth: 151mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.8 deg.C. / 45 %RH,
*.liquid temperature: 24.4(start)/24.4(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

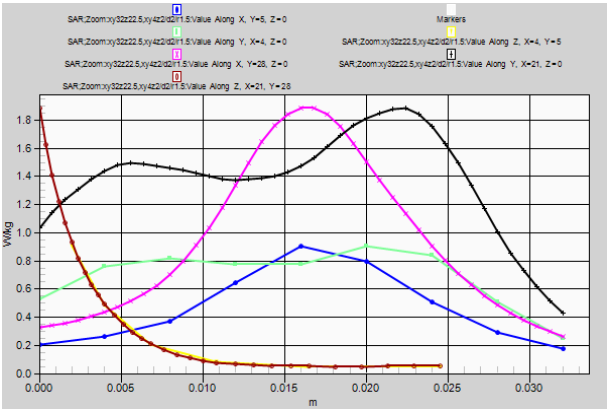
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5680 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5680 MHz; σ = 6.112 S/m; ε_r = 47.031; ρ = 1000 kg/m^3

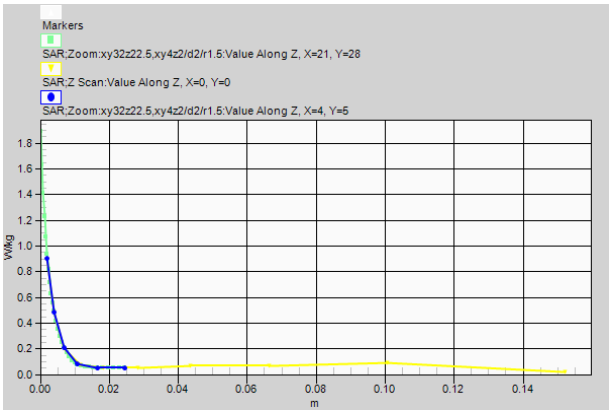
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.61, 3.61, 3.61); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Lap held(Bottom face),121130/1,Touch(0mm)_Main-Ant_w56_11a(6m)_m5680(136)/
Area Scan:90x110,10 (10x12x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.834 W/kg
Area Scan:90x110,10 (91x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.938 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.895 W/kg

Zoom:xy32z22.5,xy4z2/d2/r1.5 (9x9x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 14.953 V/m; Power Drift = -0.12 dB, Maximum value of SAR (measured) = 0.908 W/kg
Peak SAR (extrapolated) = 1.890 mW/g
SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.200 mW/g







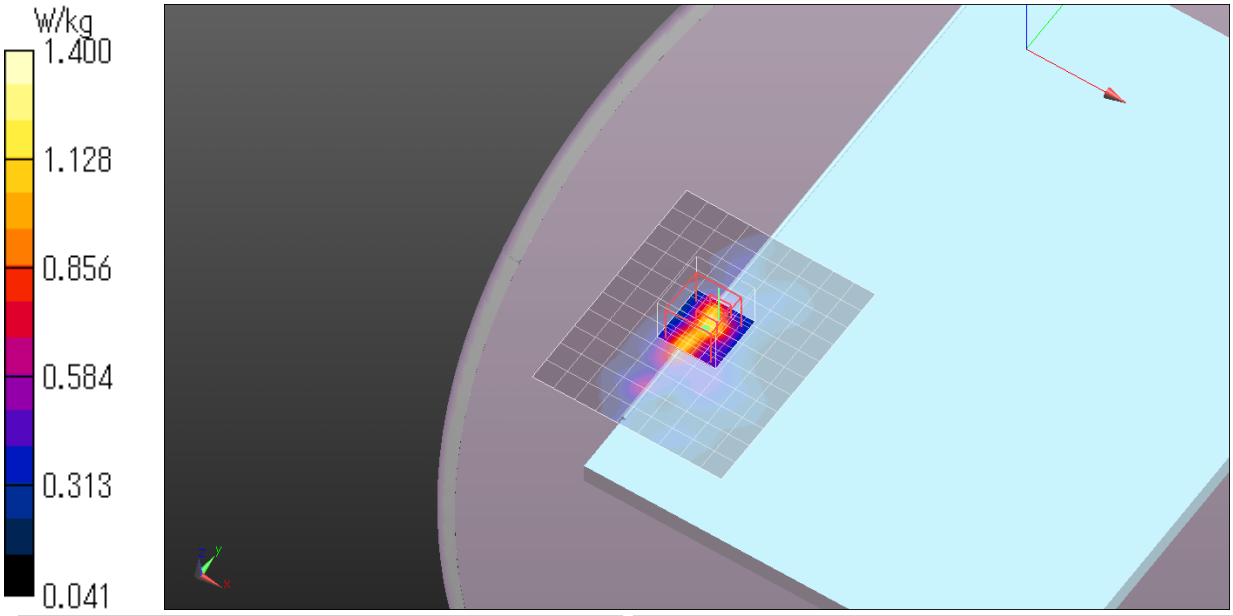
Remarks:*. Date tested: Date/Time: 2012/12/3; Tested by: Tomochika Sato; Tested place:No.7 shielded room,
*.liquid depth: 152mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.9 deg.C. / 46 %RH,
*.liquid temperature: 24.6(start)/24.6(end)/24.6(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

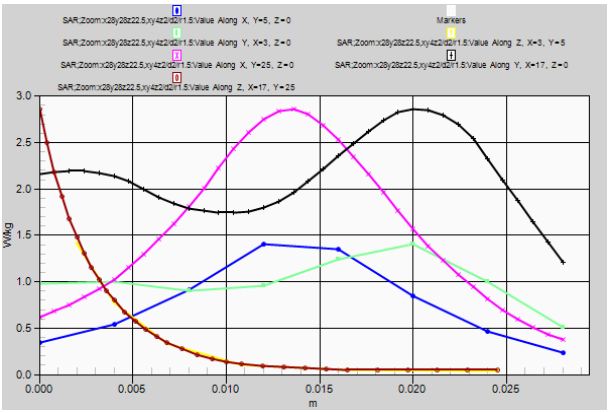
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5520 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5520 MHz; σ = 5.865 S/m; ε_r = 47.278; ρ = 1000 kg/m^3

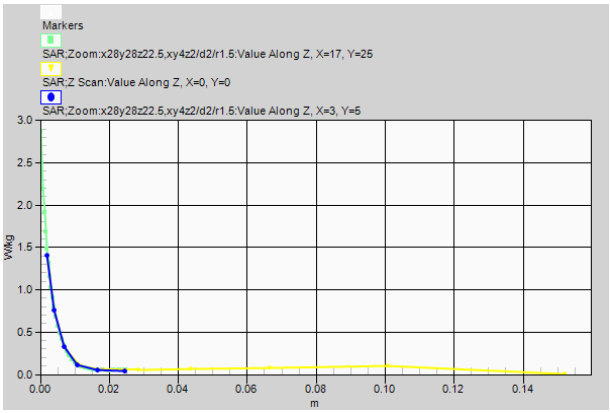
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.7, 3.7, 3.7); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Lap held(Bottom face),121130/4,Touch(0mm)_Aux-Ant_W56_11a(6m)_m5520(104)/
Area Scan:90x110,10 (10x12x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 1.01 W/kg
Area Scan:90x110,10 (91x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 1.12 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 1.39 W/kg

Zoom:x28y28z22.5,xy4z2/d2/r1.5 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.284 V/m; Power Drift = -0.09 dB, Maximum value of SAR (measured) = 1.40 W/kg
Peak SAR (extrapolated) = 2.866 mW/g
SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.262 mW/g







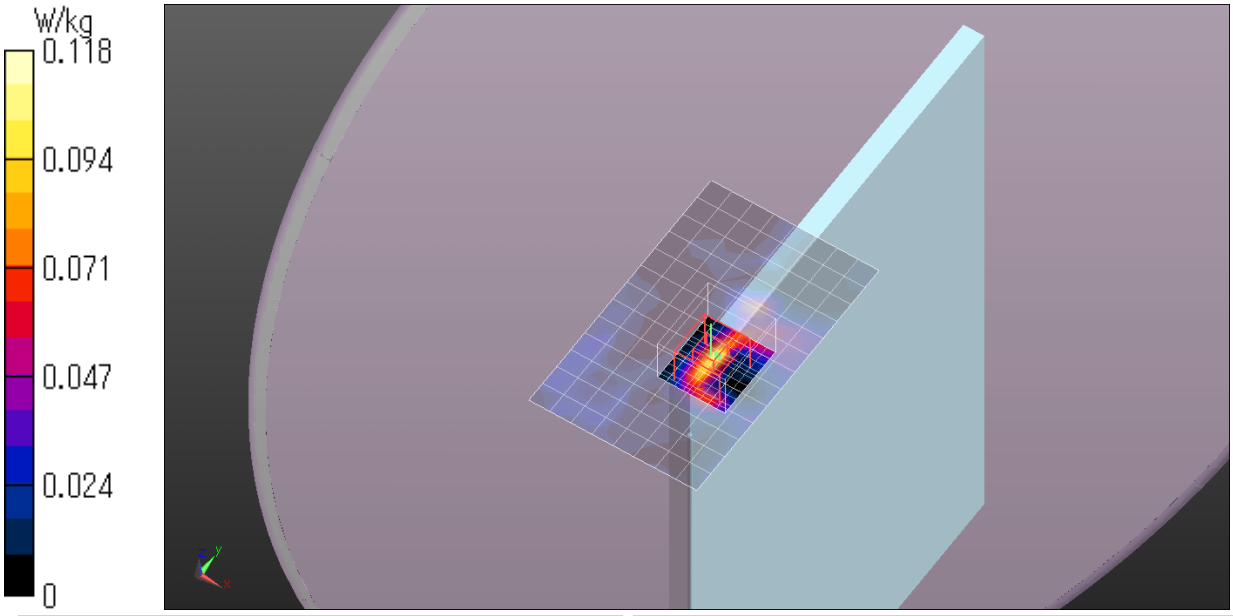
Remarks:*. Date tested: Date/Time: 2012/12/3; Tested by: Tomochika Sato; Tested place:No.7 shielded room,
*.liquid depth: 152mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.9 deg.C. / 46 %RH,
*.liquid temperature: 24.6(start)/24.6(end)/24.6(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

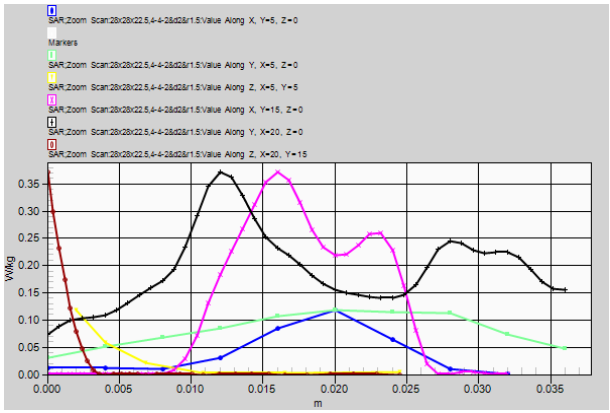
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5520 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5520 MHz; σ = 5.898 S/m; ε_r = 47.794; ρ = 1000 kg/m^3

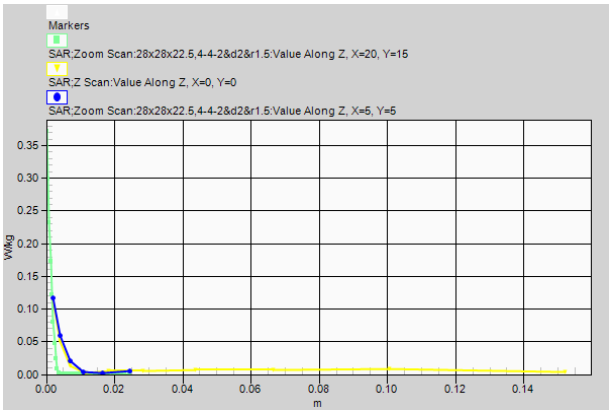
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.7, 3.7, 3.7); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Right side/Touch(0mm)_Aux-Ant_W56_11a6Mbps_5520MHz104ch/
Area Scan:80x130,10 (9x14x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.115 W/kg
Area Scan:80x130,10 (81x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.115 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.114 W/kg

Zoom Scan:28x28x22.5,4-4-2&d2&r1.5 (9x10x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.671 V/m; Power Drift = 0.10 dB, Maximum value of SAR (measured) = 0.118 W/kg
Peak SAR (extrapolated) = 0.371 mW/g
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.013 mW/g







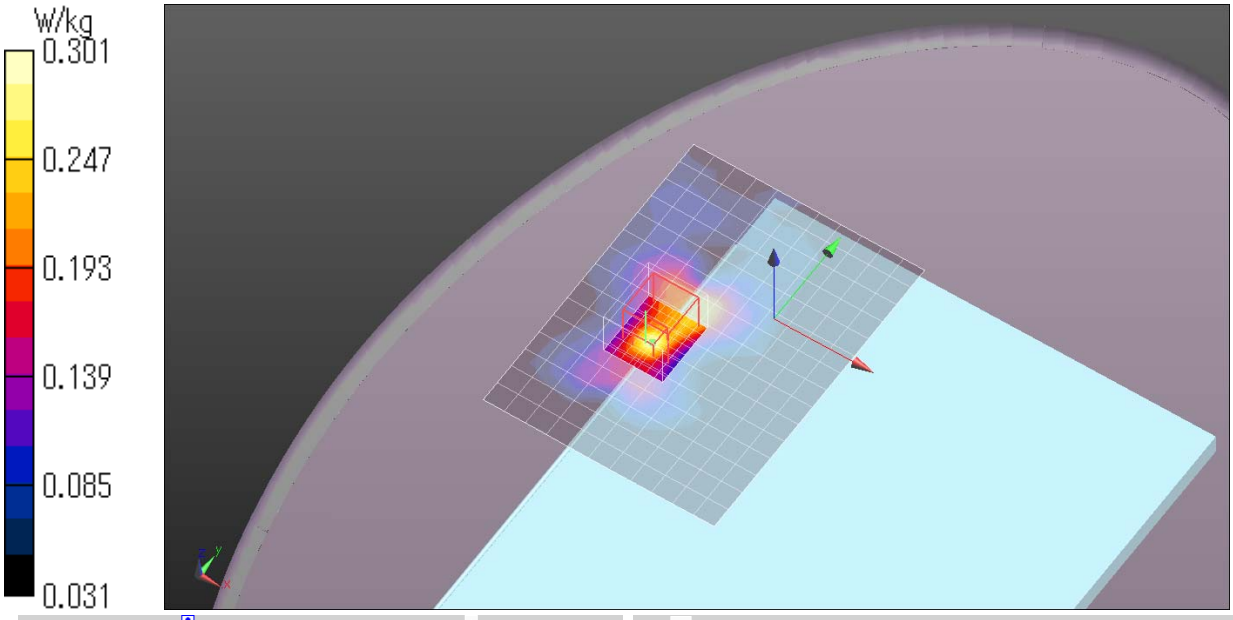
Remarks:*. Date tested: Date/Time: 2012/12/1; Tested by: Tomochika Sato; Tested place:No.7 shielded room,
*.liquid depth: 152mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.4 deg.C. / 43 %RH,
*.liquid temperature: 24.0(start)/24.0(end)/24.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

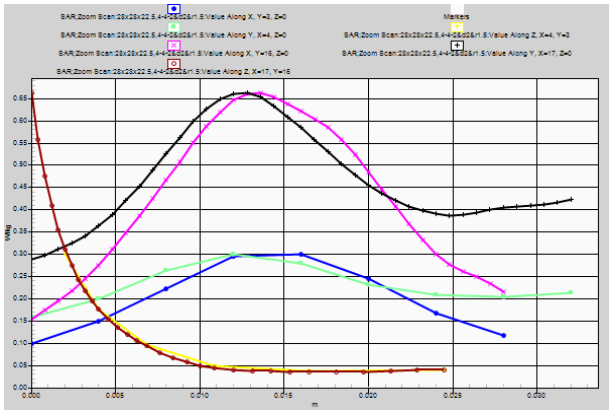
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5520 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5520 MHz; σ = 5.898 S/m; ε_r = 47.794; ρ = 1000 kg/m^3

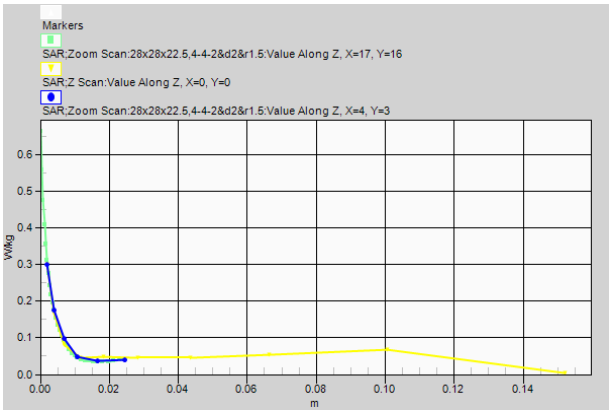
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.7, 3.7, 3.7); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

LCD back side(Nearby person)/Touch(0mm)_Aux-Ant_W56_11a 6Mbps_5520MHz104ch/
Area Scan:110x150,10 (12x16x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.295 W/kg
Area Scan:110x150,10 (111x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.297 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.300 W/kg

Zoom Scan:28x28x22.5,4-4-2&d2&r1.5 (8x9x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.071 V/m; Power Drift = 0.01 dB, Maximum value of SAR (measured) = 0.301 W/kg
Peak SAR (extrapolated) = 0.663 mW/g
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.089 mW/g







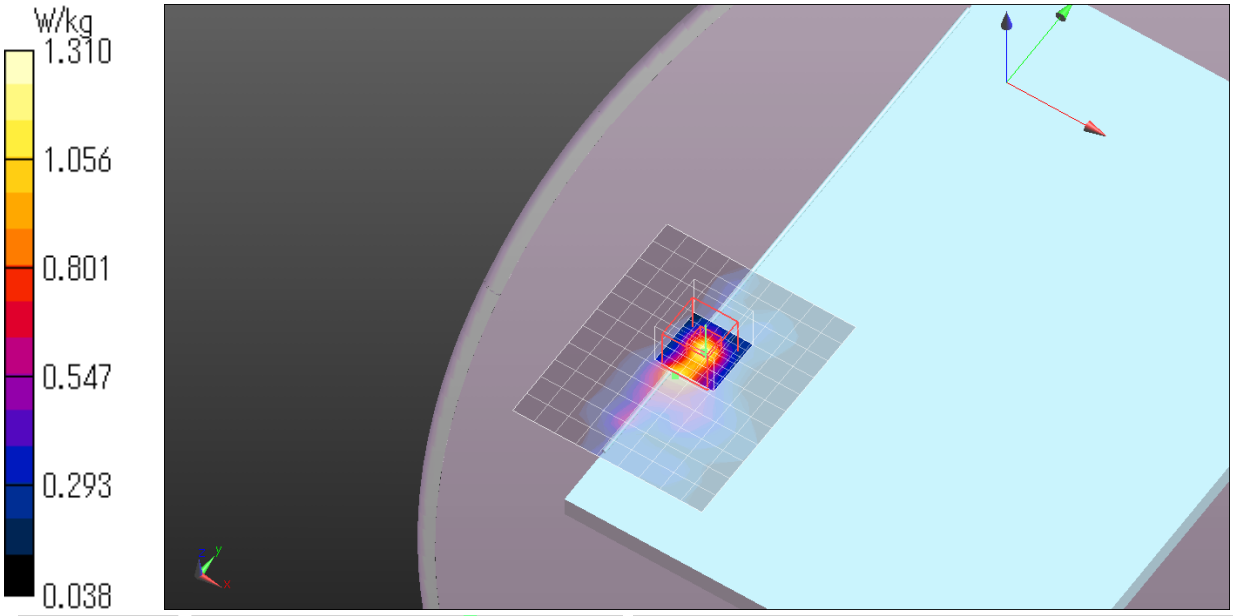
Remarks:*. Date tested: Date/Time: 2012/12/1; Tested by: Tomochika Sato; Tested place:No.7 shielded room,
*.liquid depth: 152mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.4 deg.C. / 43 %RH,
*.liquid temperature: 24.0(start)/24.0(end)/24.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

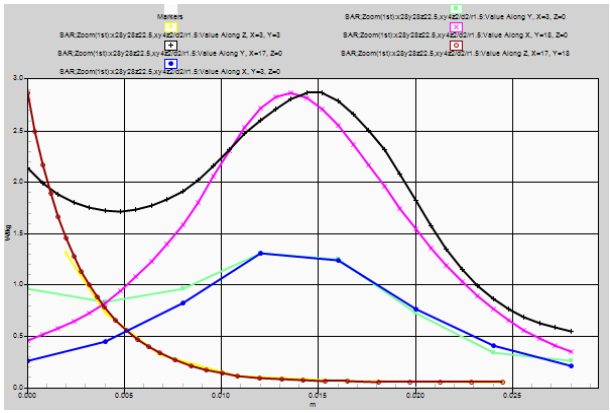
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5560 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5560 MHz; σ = 5.95 S/m; ε_r = 47.342; ρ = 1000 kg/m^3

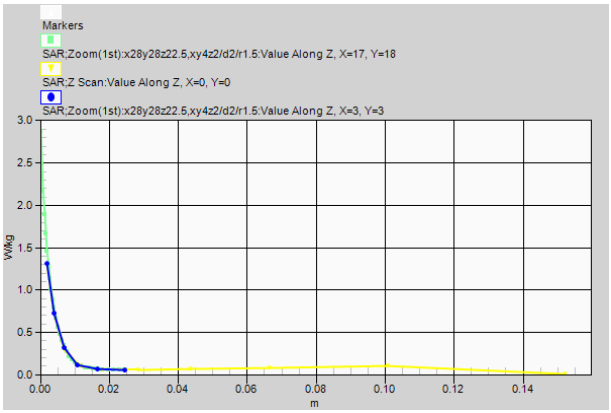
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.61, 3.61, 3.61); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Lap held(Bottom face),121130/5,Touch(0mm)_Aux-Ant_W56_11a(6m)_m5560(112)/
Area Scan:90x110,10 (10x12x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.911 W/kg
Area Scan:90x110,10 (91x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 1.14 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 1.30 W/kg

Zoom(1st):x28y28z22.5,xy4z2/d2/r1.5 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 17.298 V/m; Power Drift = -0.05 dB, Maximum value of SAR (measured) = 1.31 W/kg
Peak SAR (extrapolated) = 2.873 mW/g
SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.243 mW/g







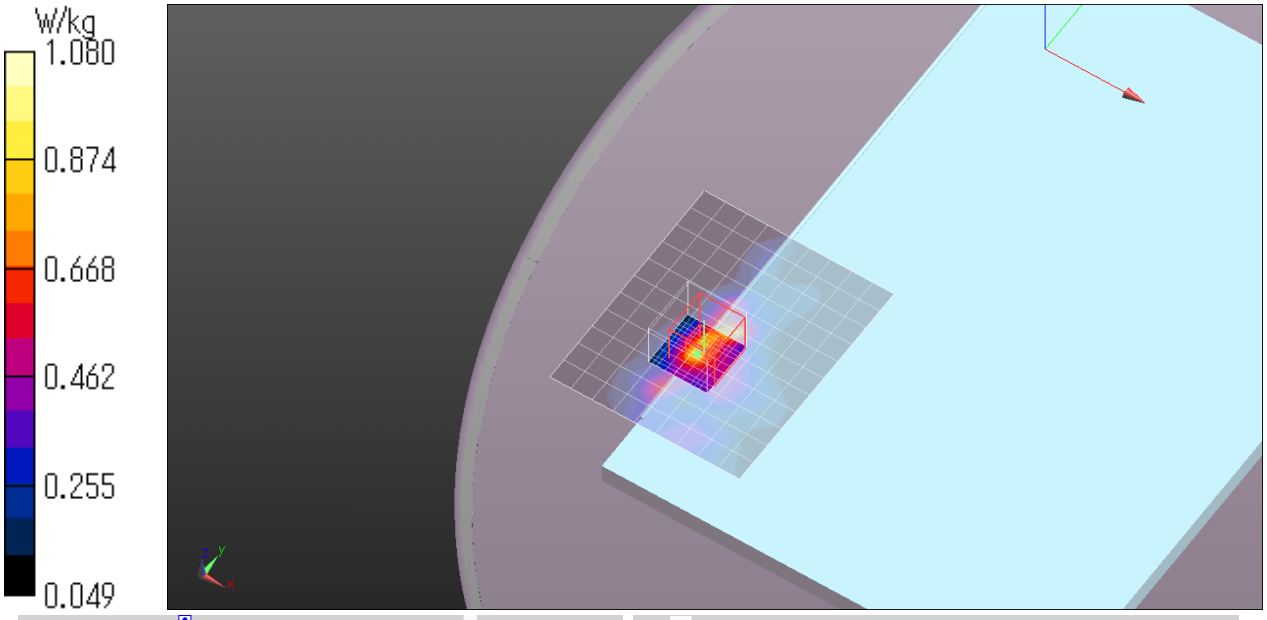
Remarks:*. Date tested: Date/Time: 2012/12/3; Tested by: Tomochika Sato; Tested place:No.7 shielded room,
*.liquid depth: 152mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.9 deg.C. / 46 %RH,
*.liquid temperature: 24.6(start)/24.6(end)/24.6(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

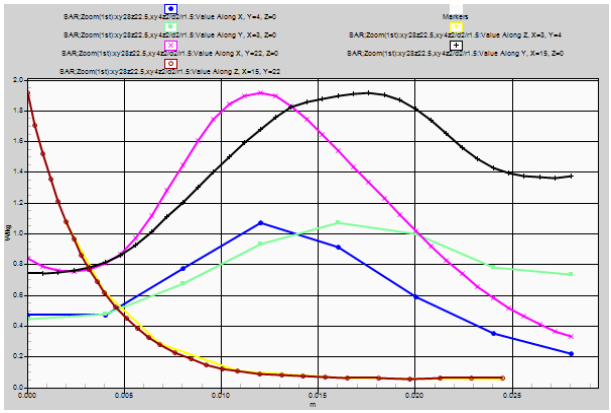
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5620 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5620 MHz; σ = 6.001 S/m; ε_r = 47.153; ρ = 1000 kg/m^3

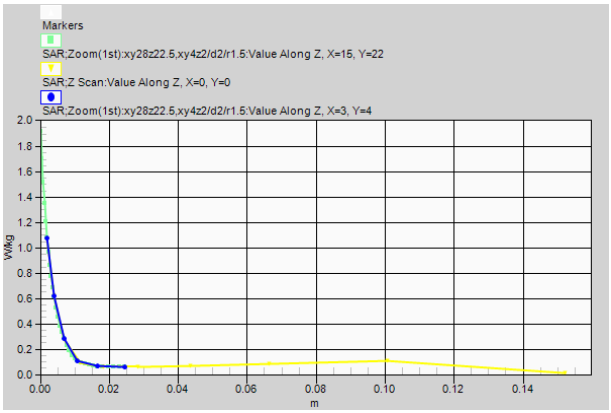
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.61, 3.61, 3.61); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Lap held(Bottom face),121130/2b,Touch(0mm)_Aux-Ant_W56_11a(6m)_m5620(124)/
Area Scan:90x110,10 (10x12x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.793 W/kg
Area Scan:90x110,10 (91x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.866 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 1.07 W/kg

Zoom(1st):xy28z22.5,xy4z2/d2/r1.5 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 14.347 V/m; Power Drift = -0.01 dB, Maximum value of SAR (measured) = 1.08 W/kg
Peak SAR (extrapolated) = 1.917 mW/g
SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.213 mW/g







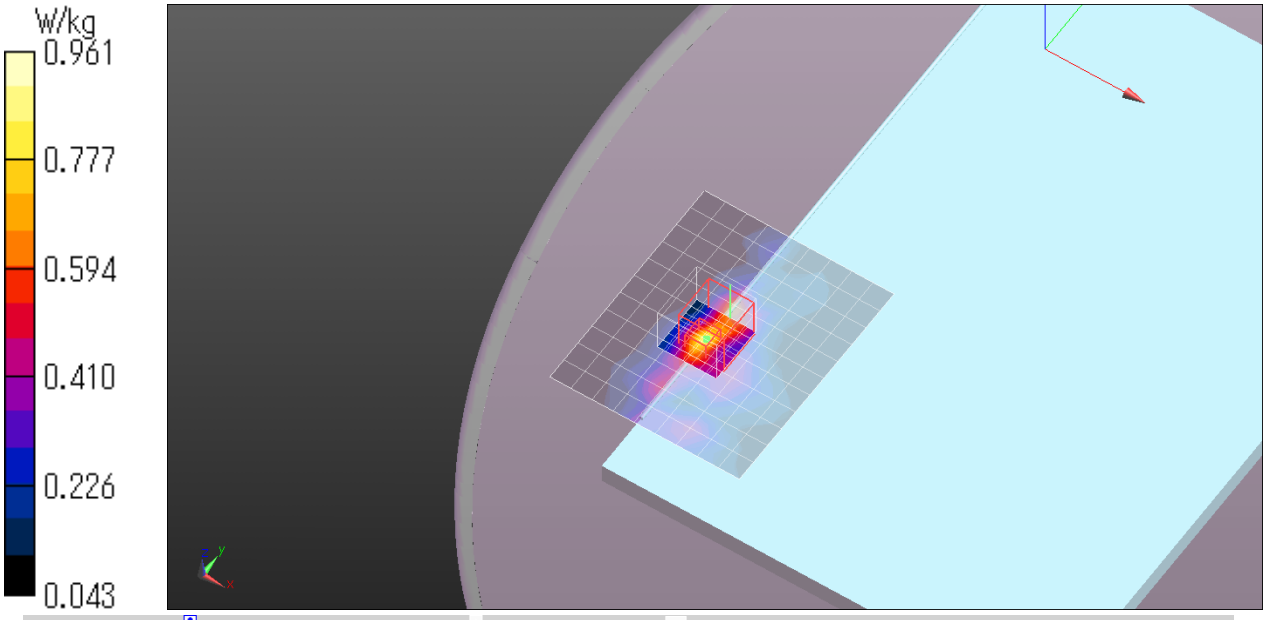
Remarks:*. Date tested: Date/Time: 2012/12/3; Tested by: Tomochika Sato; Tested place:No.7 shielded room,
*.liquid depth: 152mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.9 deg.C. / 46 %RH,
*.liquid temperature: 24.6(start)/24.6(end)/24.6(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

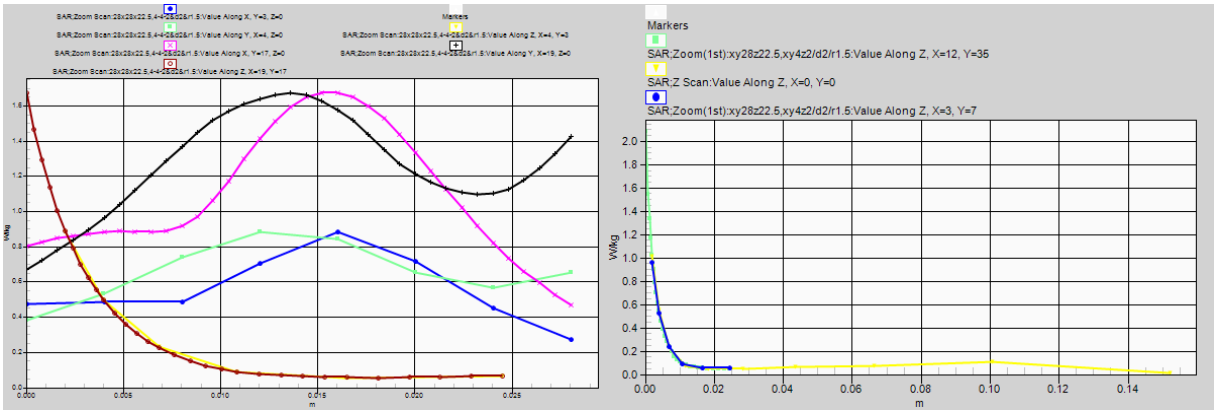
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5680 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5680 MHz; σ = 6.112 S/m; ε_r = 47.031; ρ = 1000 kg/m^3

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.61, 3.61, 3.61); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Lap held(Bottom face),121130/3,Touch(0mm)_Aux-Ant_W56_11a(6m)_m5680(136)/
Area Scan:90x110,10 (10x12x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.863 W/kg
Area Scan:90x110,10 (91x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.876 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 1.02 W/kg

Zoom(1st):xy28z22.5,xy4z2/d2/r1.5 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 13.444 V/m; Power Drift = -0.03 dB, Maximum value of SAR (measured) = 0.961 W/kg
Peak SAR (extrapolated) = 2.082 mW/g
SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.195 mW/g





Remarks:*. Date tested: Date/Time: 2012/12/3; Tested by: Tomochika Sato; Tested place:No.7 shielded room,
*.liquid depth: 152mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.9 deg.C. / 46 %RH,
*.liquid temperature: 24.6(start)/24.6(end)/24.6(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

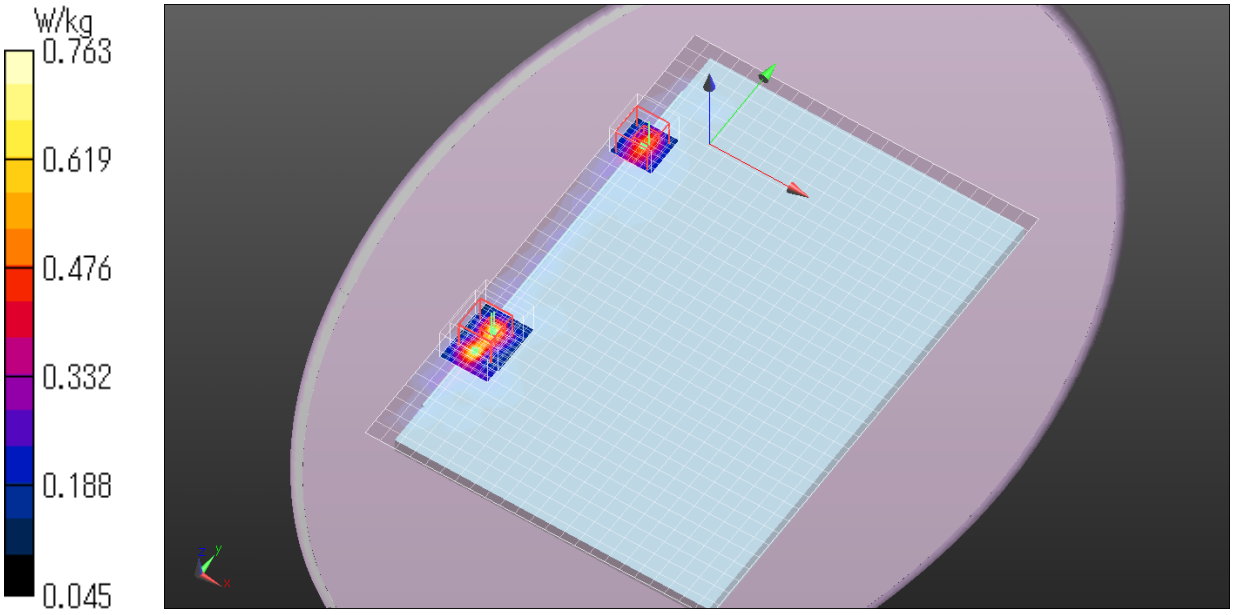
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5500 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5500 MHz; σ = 5.84 S/m; ε_r = 48.029; ρ = 1000 kg/m^3

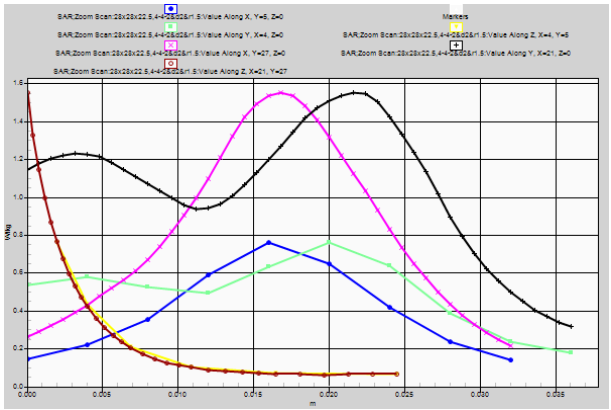
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.7, 3.7, 3.7); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

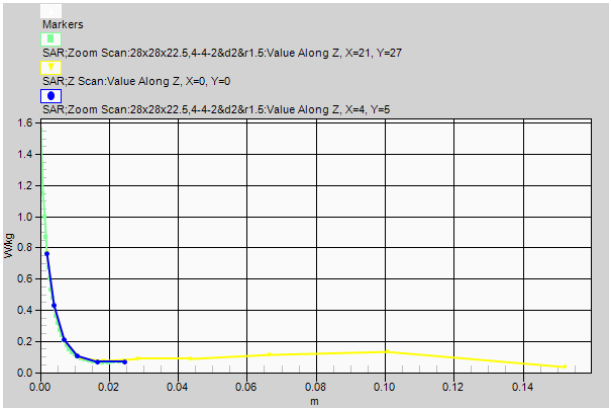
Lap held(Bottom face)/Touch(0mm)_MIMO_W56_11n20HTMCS8_5500MHz100ch/
Area Scan:230x330,10 (24x34x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.666 W/kg
Area Scan:230x330,10 (231x331x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.694 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.770 W/kg

Zoom Scan:28x28x22.5,4-4-2&d2&r1.5 (9x10x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 14.240 V/m; Power Drift = -0.11 dB, Maximum value of SAR (measured) = 0.763 W/kg
Peak SAR (extrapolated) = 1.554 mW/g
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.169 mW/g

Zoom Scan(2nd):28x28x22.5,4-4-2&d2&r1.5 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 14.240 V/m; Power Drift = -0.11 dB, Maximum value of SAR (measured) = 0.532 W/kg
Peak SAR (extrapolated) = 1.086 mW/g
SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.141 mW/g







Remarks:*. Date tested: Date/Time: 2012/11/28; Tested by: Kazutaka Takeyama; Tested place:No.7 shielded room,
*.liquid depth: 151mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.8 deg.C. / 45 %RH,
*.liquid temperature: 24.4(start)/24.4(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

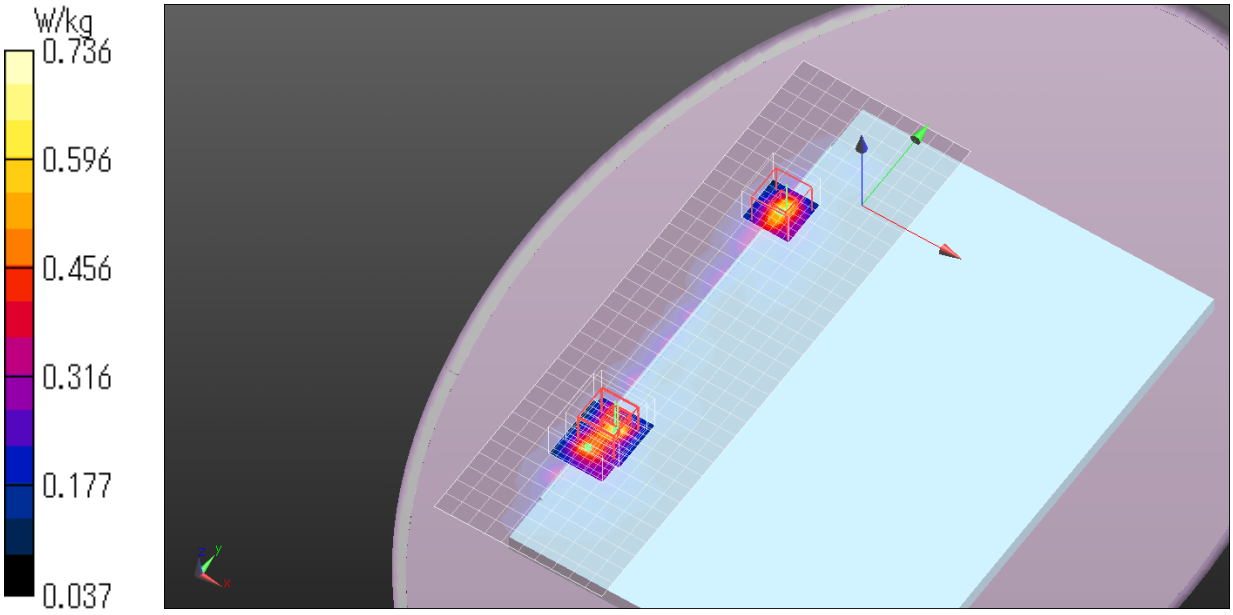
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5510 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5510 MHz; σ = 5.853 S/m; ε_r = 47.978; ρ = 1000 kg/m^3

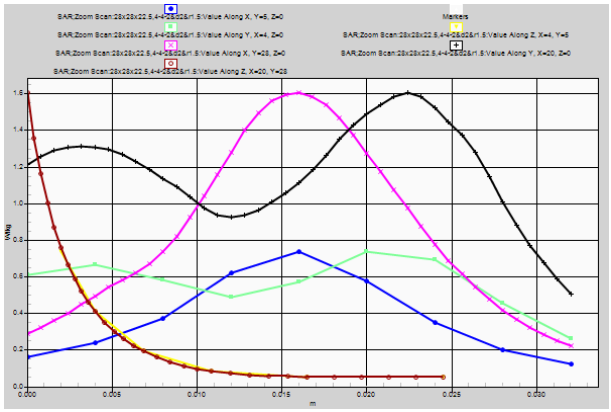
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.7, 3.7, 3.7); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

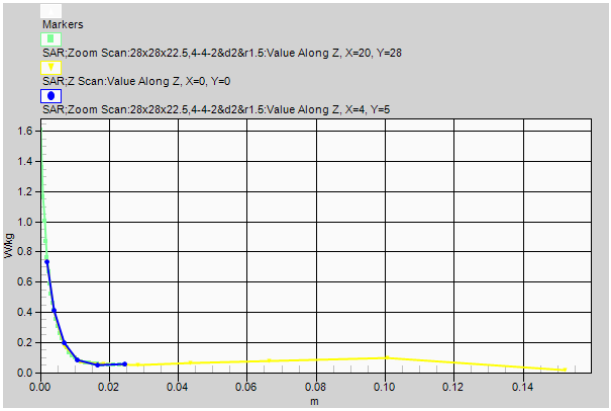
Lap held(Bottom face)/Touch(0mm)_MIMO_W56_11n40HTMCS8_5510MHz102ch/
Area Scan:100x330,10 (11x34x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.660 W/kg
Area Scan:100x330,10 (101x331x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.690 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.739 W/kg

Zoom Scan:28x28x22.5,4-4-2&d2&r1.5 (9x9x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 13.517 V/m; Power Drift = -0.01 dB, Maximum value of SAR (measured) = 0.736 W/kg
Peak SAR (extrapolated) = 1.607 mW/g
SAR(1 g) = 0.381 mW/g; SAR(10 g) = 0.160 mW/g

Zoom Scan(2nd):28x28x22.5,4-4-2&d2&r1.5 (9x11x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 13.517 V/m; Power Drift = -0.01 dB, Maximum value of SAR (measured) = 0.725 W/kg
Peak SAR (extrapolated) = 1.571 mW/g
SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.157 mW/g







Remarks:*. Date tested: Date/Time: 2012/12/1; Tested by: Tomochika Sato; Tested place:No.7 shielded room,
*.liquid depth: 152mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.4 deg.C. / 43 %RH,
*.liquid temperature: 24.0(start)/24.0(end)/24.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

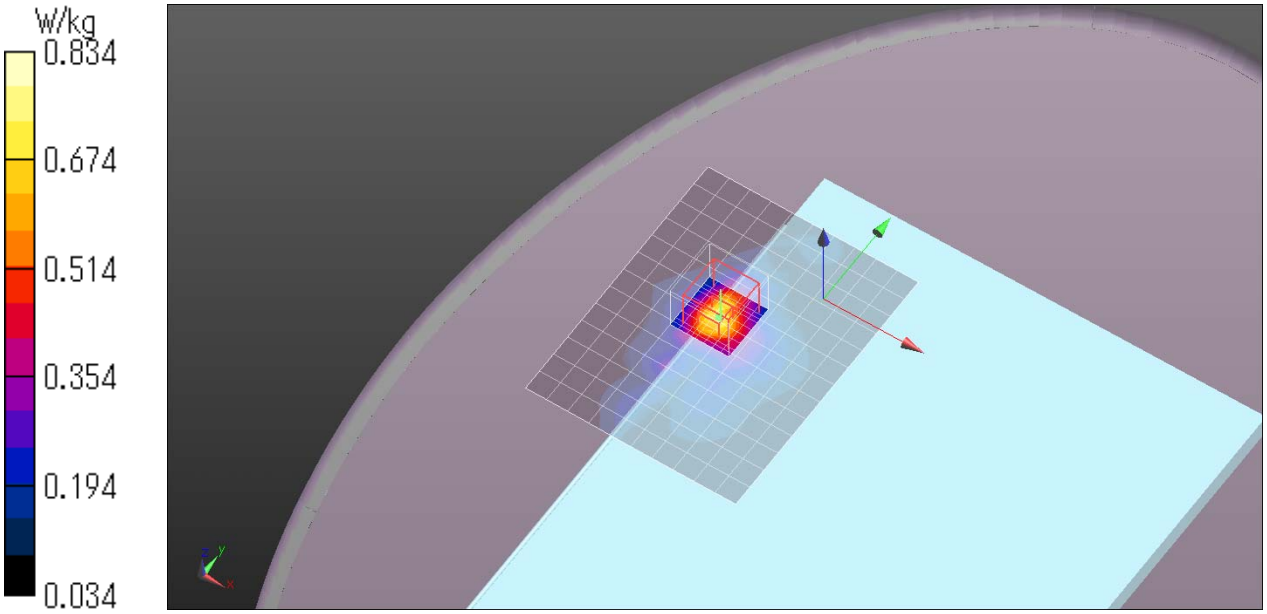
SAR plots for W58 Band

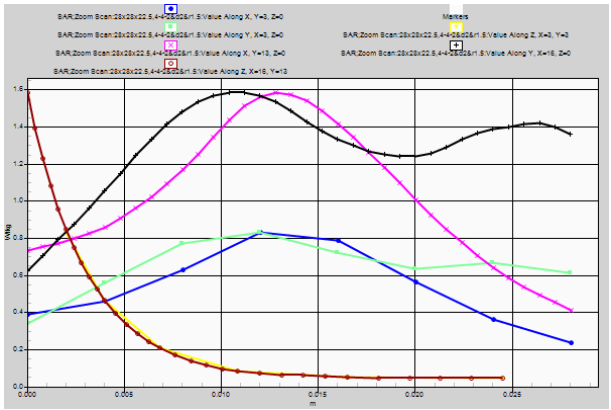
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5825 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5825 MHz; σ = 6.291 S/m; ε_r = 47.322; ρ = 1000 kg/m^3

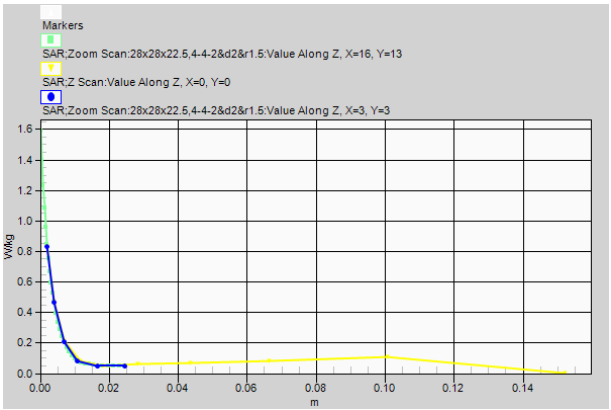
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.87, 3.87, 3.87); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Lap held(Bottom face)/Touch(0mm)_Main-Ant_W58_11a 6Mbps_5825MHz165ch/
Area Scan:100x135,10 (11x14x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.688 W/kg
Area Scan:100x135,10 (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.795 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.835 W/kg

Zoom Scan:28x28x22.5,4-4-2&d2&r1.5 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 13.390 V/m; Power Drift = -0.05 dB, Maximum value of SAR (measured) = 0.834 W/kg
Peak SAR (extrapolated) = 1.586 mW/g
SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.183 mW/g







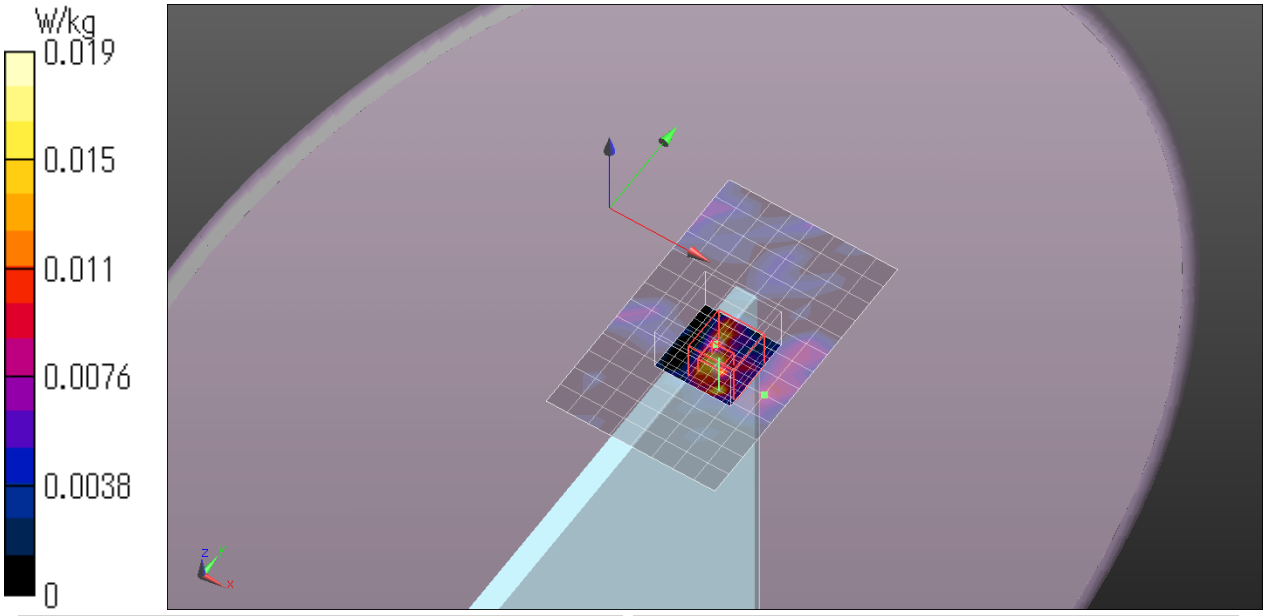
Remarks:*. Date tested: Date/Time: 2012/11/28; Tested by: Tomochika Sato; Tested place:No.7 shielded room,
*.liquid depth: 152mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.8 deg.C. / 45 %RH,
*.liquid temperature: 24.4(start)/24.4(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

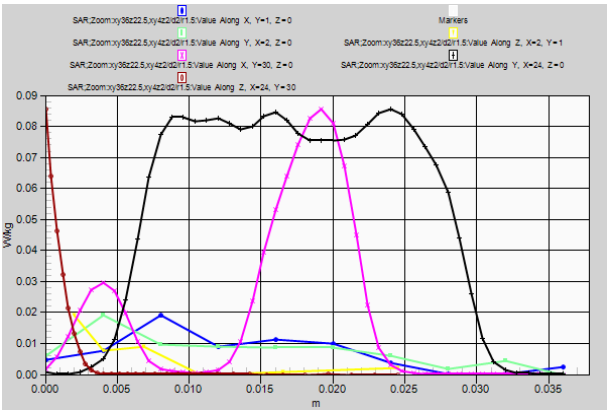
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5825 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5825 MHz; σ = 6.271 S/m; ε_r = 46.551; ρ = 1000 kg/m^3

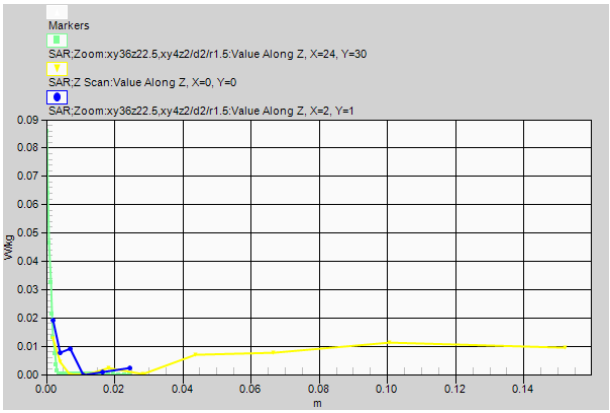
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.87, 3.87, 3.87); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Left side/Touch(0mm)_Main-Ant_W58_11a(6m)_m5825(165)/
Area Scan:80x130,10 (9x14x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.0141 W/kg
Area Scan:80x130,10 (81x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.0141 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.0127 W/kg

Zoom:xy36z22.5,xy4z2/d2/r1.5 (10x10x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.694 V/m; Power Drift = 1.64 dB, Maximum value of SAR (measured) = 0.0190 W/kg
Peak SAR (extrapolated) = 0.086 mW/g
SAR(1 g) = 0.00862 mW/g; SAR(10 g) = 0.00244 mW/g







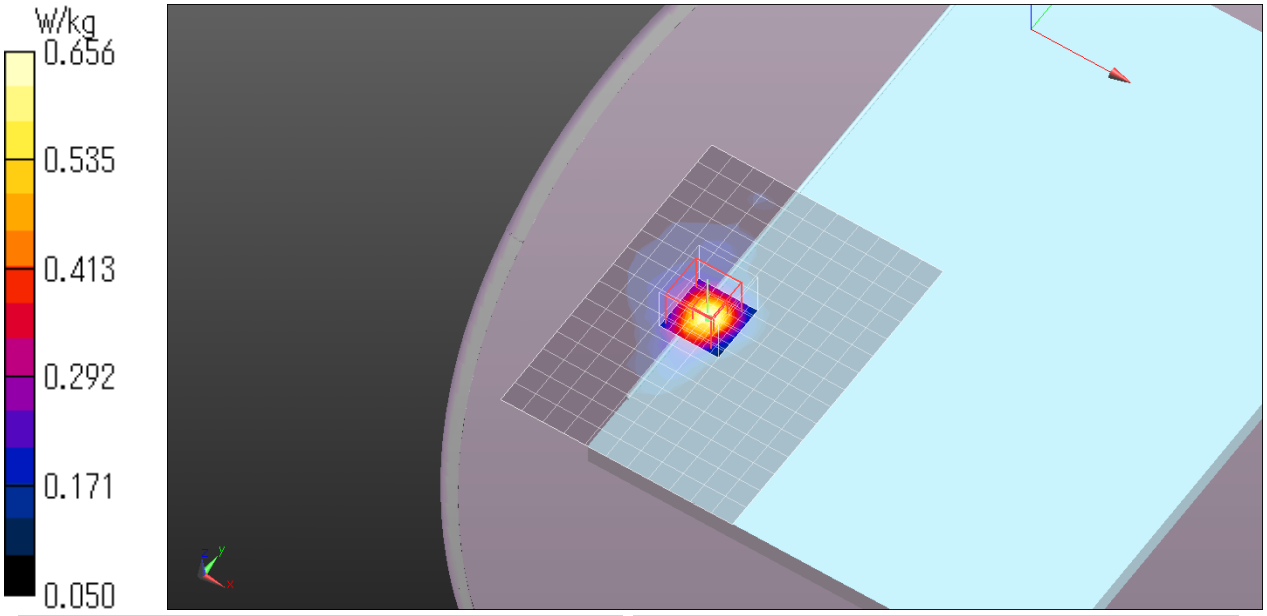
Remarks:*. Date tested: Date/Time: 2012/12/4; Tested by: Naka Hiroshi; Tested place:No.7 shielded room,
*.liquid depth: 150mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 25.0 deg.C. / 50 %RH,
*.liquid temperature: 24.5(start)/24.5(end)/24.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

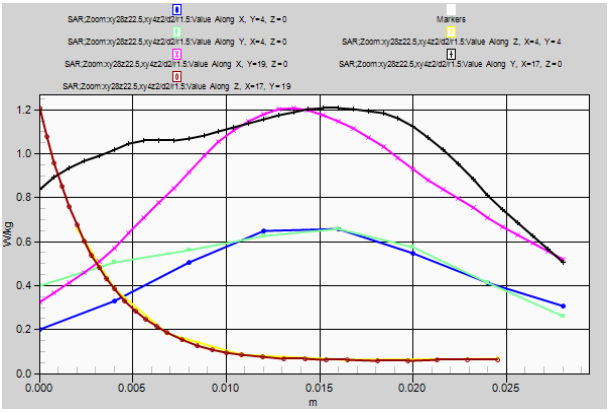
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5825 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5825 MHz; σ = 6.271 S/m; ε_r = 46.551; ρ = 1000 kg/m^3

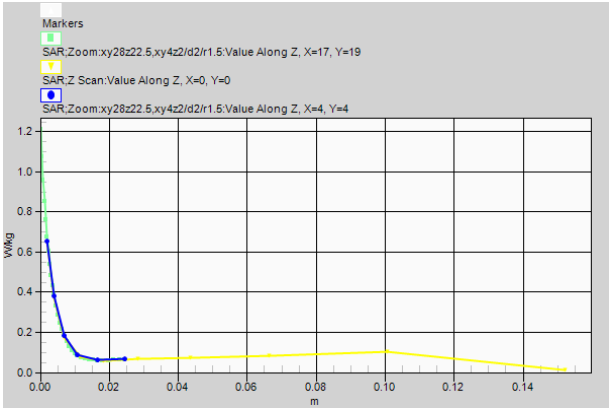
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.87, 3.87, 3.87); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

LCD back side(Nearby person)/Touch(0mm)_Main-Ant_W58_11a(6m)_m5825(165)/
Area Scan:110x150,10 (12x16x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.615 W/kg
Area Scan:110x150,10 (111x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.714 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.651 W/kg

Zoom:xy28z22.5,xy4z2/d2/r1.5 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 10.989 V/m; Power Drift = -0.14 dB, Maximum value of SAR (measured) = 0.656 W/kg
Peak SAR (extrapolated) = 1.210 mW/g
SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.170 mW/g







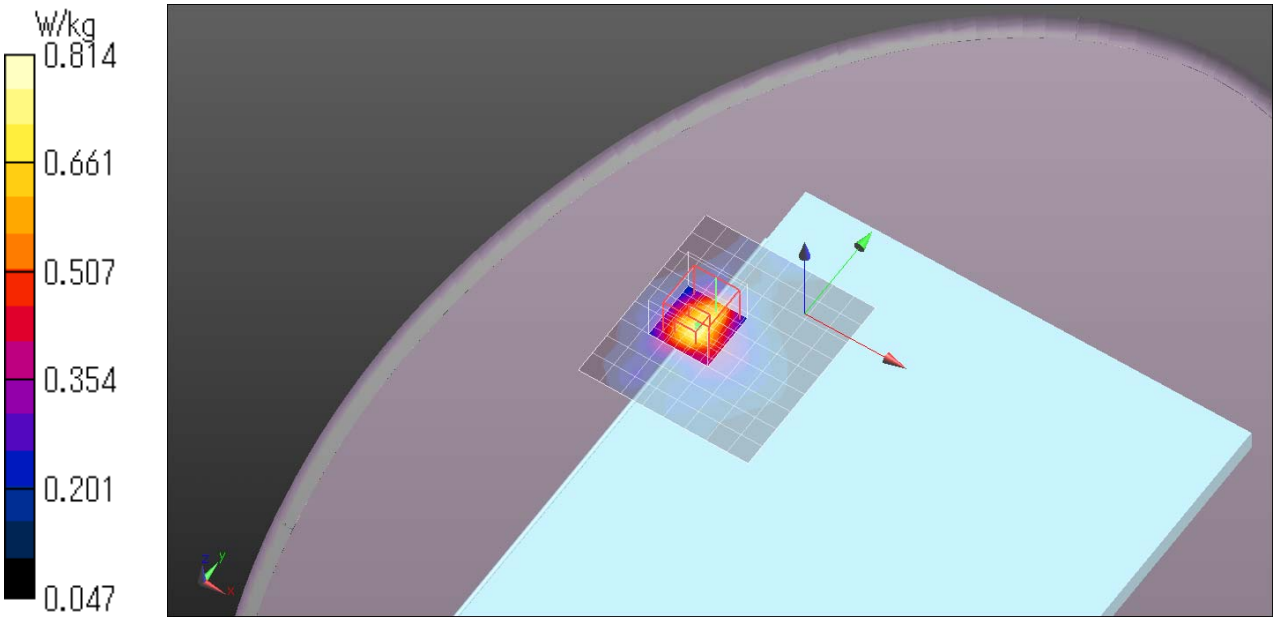
Remarks:*. Date tested: Date/Time: 2012/12/4; Tested by: Naka Hiroshi; Tested place:No.7 shielded room,
*.liquid depth: 150mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 25.0 deg.C. / 50 %RH,
*.liquid temperature: 24.5(start)/24.5(end)/24.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

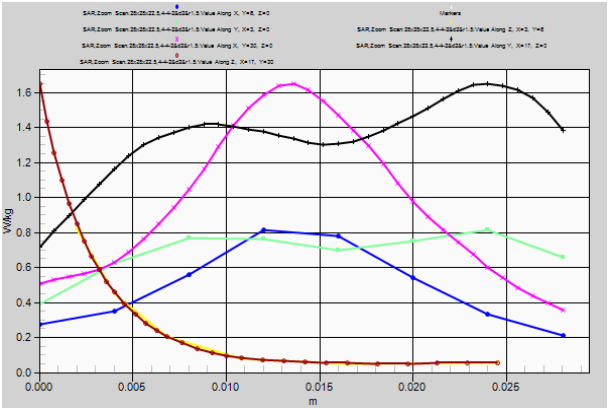
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5745 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5745 MHz; σ = 6.159 S/m; ε_r = 47.499; ρ = 1000 kg/m^3

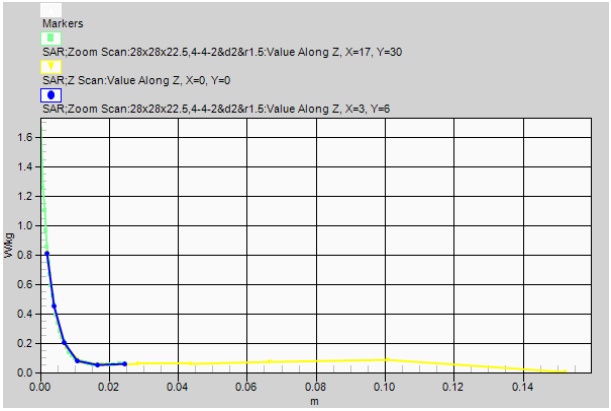
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.87, 3.87, 3.87); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Lap held(Bottom face)/Touch(0mm)_Main-Ant_W58_11a6Mbps_5745MHz149ch/
Area Scan:80x90,10 (9x10x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.746 W/kg
Area Scan:80x90,10 (81x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.824 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.822 W/kg

Zoom Scan:28x28x22.5,4-4-2&d2&r1.5 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 14.114 V/m; Power Drift = -0.05 dB, Maximum value of SAR (measured) = 0.814 W/kg
Peak SAR (extrapolated) = 1.652 mW/g
SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.203 mW/g







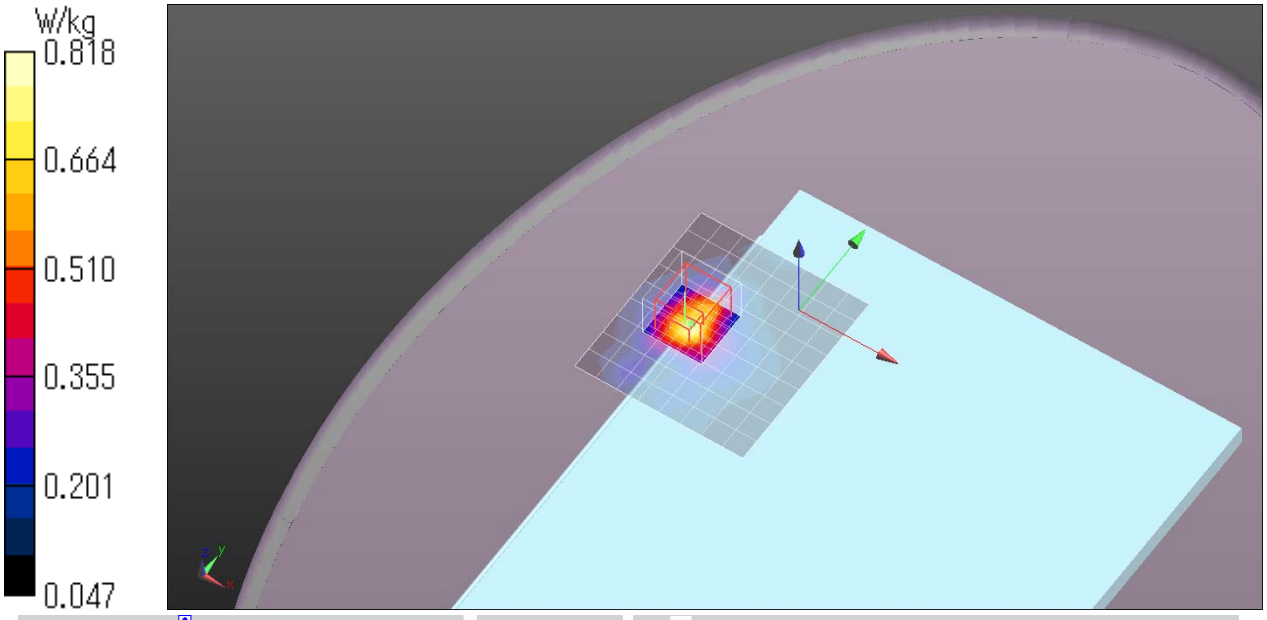
Remarks:*. Date tested: Date/Time: 2012/11/28; Tested by: Tomochika Sato; Tested place:No.7 shielded room,
*.liquid depth: 152mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.8 deg.C. / 45 %RH,
*.liquid temperature: 24.4(start)/24.4(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

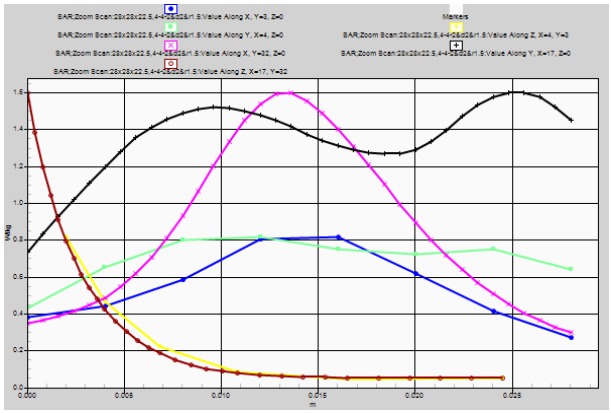
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5785 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5785 MHz; σ = 6.214 S/m; ε_r = 47.326; ρ = 1000 kg/m^3

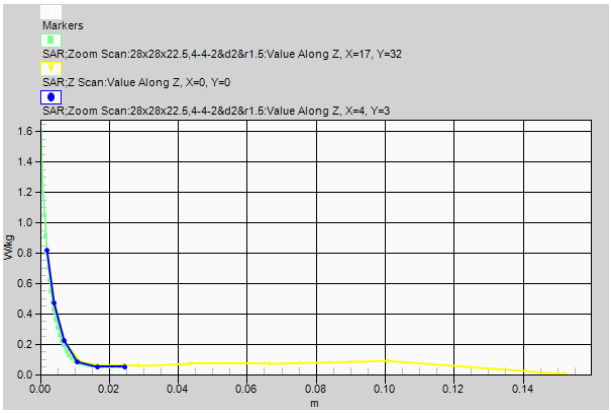
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.87, 3.87, 3.87); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Lap held(Bottom face)/Touch(0mm)_Main-Ant_W58_11a6Mbps_5785MHz165ch/
Area Scan:80x90,10 (9x10x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.789 W/kg
Area Scan:80x90,10 (81x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.841 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.820 W/kg

Zoom Scan:28x28x22.5,4-4-2&d2&r1.5 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 14.644 V/m; Power Drift = -0.01 dB, Maximum value of SAR (measured) = 0.818 W/kg
Peak SAR (extrapolated) = 1.600 mW/g
SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.196 mW/g







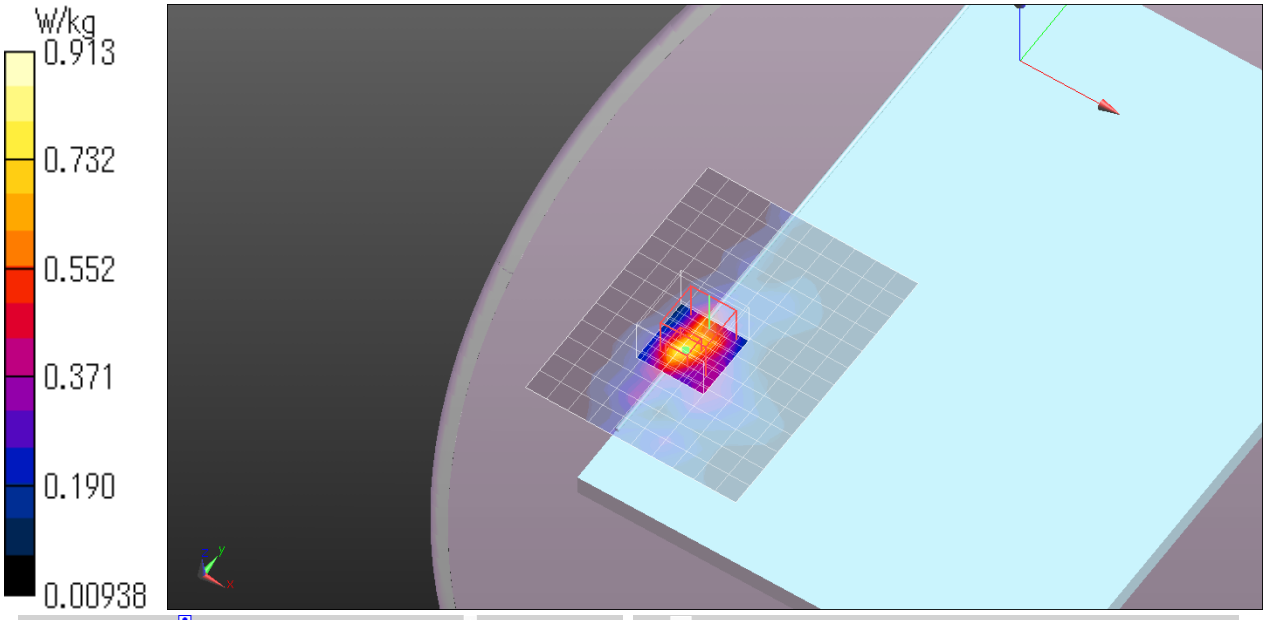
Remarks:*. Date tested: Date/Time: 2012/11/28; Tested by: Tomochika Sato; Tested place:No.7 shielded room,
*.liquid depth: 152mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.8 deg.C. / 45 %RH,
*.liquid temperature: 24.4(start)/24.4(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

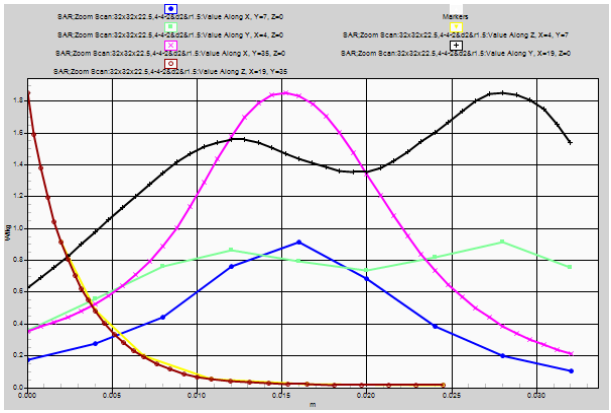
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5745 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5745 MHz; σ = 6.159 S/m; ε_r = 47.499; ρ = 1000 kg/m^3

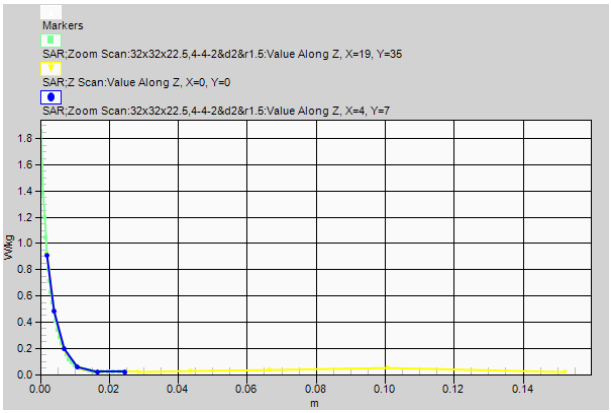
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.87, 3.87, 3.87); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Lap held(Bottom face)/Touch(0mm)_Aux-Ant_W58_11a6Mbps_5745MHz149ch/
Area Scan:100x135,10 (11x14x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.800 W/kg
Area Scan:100x135,10 (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.829 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.921 W/kg

Zoom Scan:32x32x22.5,4-4-2&d2&r1.5 (9x9x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 14.761 V/m; Power Drift = -0.08 dB, Maximum value of SAR (measured) = 0.913 W/kg
Peak SAR (extrapolated) = 1.853 mW/g
SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.172 mW/g







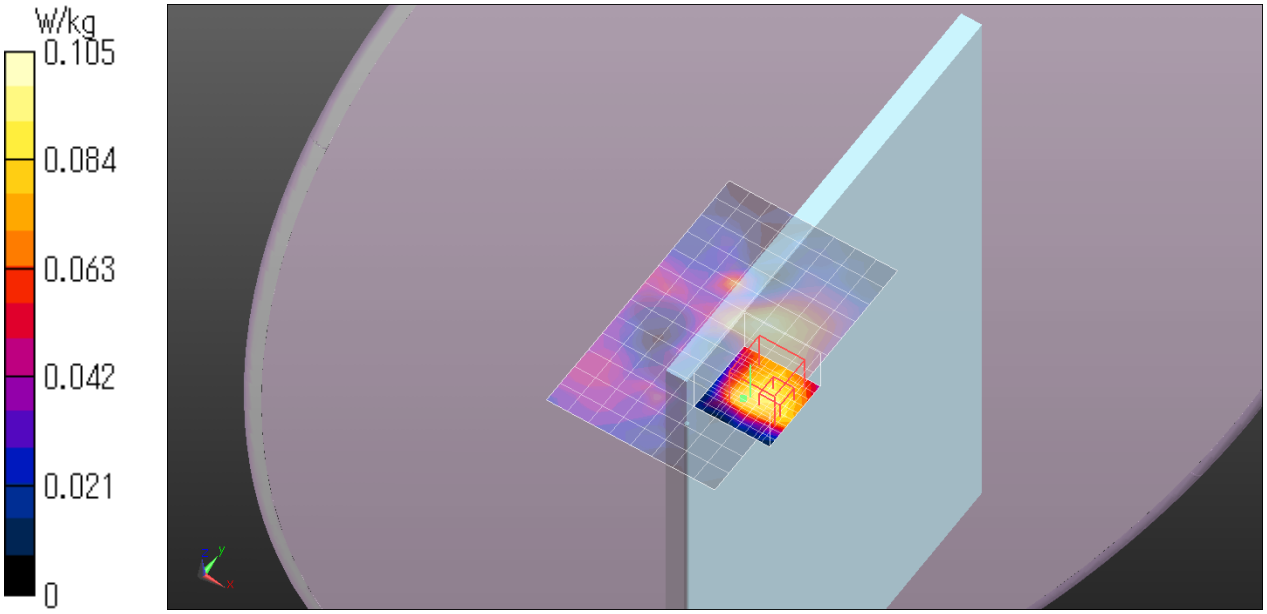
Remarks:*. Date tested: Date/Time: 2012/11/28; Tested by: Tomochika Sato; Tested place:No.7 shielded room,
*.liquid depth: 152mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.8 deg.C. / 45 %RH,
*.liquid temperature: 24.4(start)/24.4(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

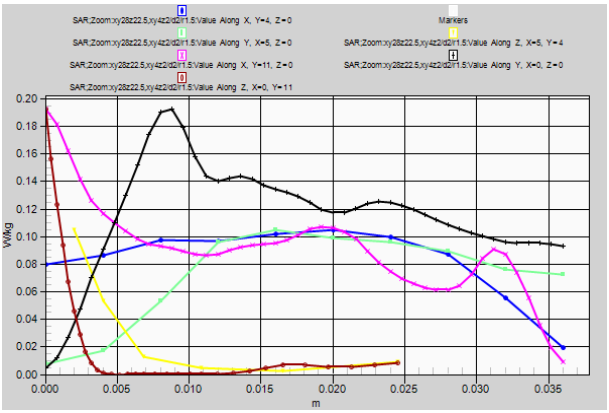
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5745 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5745 MHz; σ = 6.191 S/m; ε_r = 46.668; ρ = 1000 kg/m^3

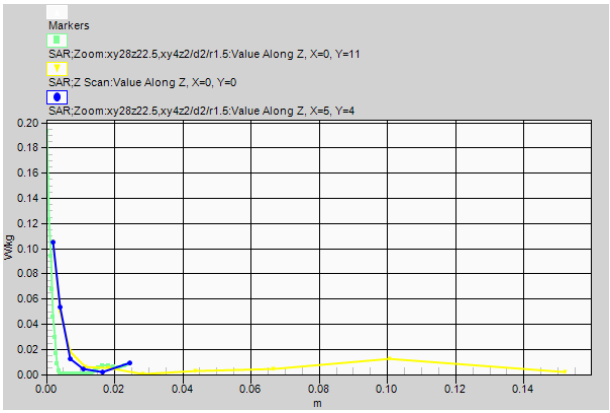
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.87, 3.87, 3.87); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Right side/Touch(0mm)_Aux-Ant_W58_11a(6m)_m5745(149)/
Area Scan:80x130,10 (9x14x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.0954 W/kg
Area Scan:80x130,10 (81x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.133 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.105 W/kg

Zoom:xy28z22.5,xy4z2/d2/r1.5 (10x10x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.176 V/m; Power Drift = -0.51 dB, Maximum value of SAR (measured) = 0.105 W/kg
Peak SAR (extrapolated) = 0.193 mW/g
SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.023 mW/g







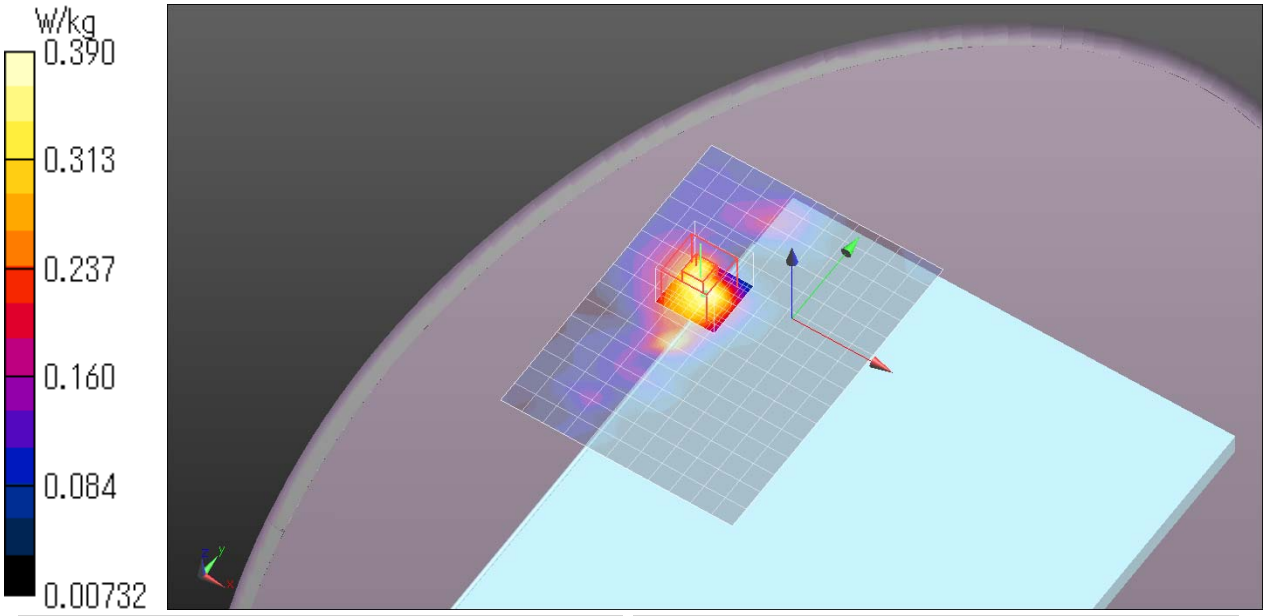
Remarks:*. Date tested: Date/Time: 2012/12/4; Tested by: Naka Hiroshi; Tested place:No.7 shielded room,
*.liquid depth: 150mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 25.0 deg.C. / 50 %RH,
*.liquid temperature: 24.5(start)/24.5(end)/24.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

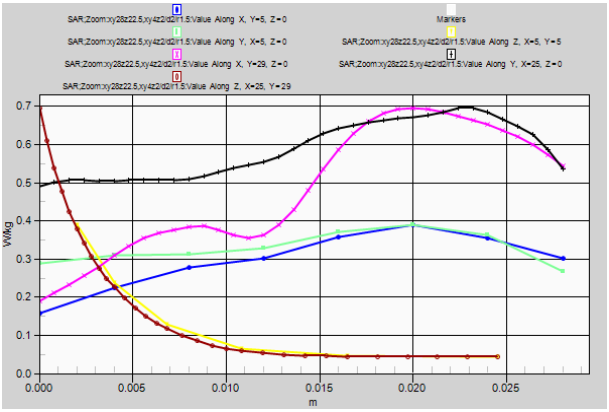
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5745 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5745 MHz; σ = 6.191 S/m; ε_r = 46.668; ρ = 1000 kg/m^3

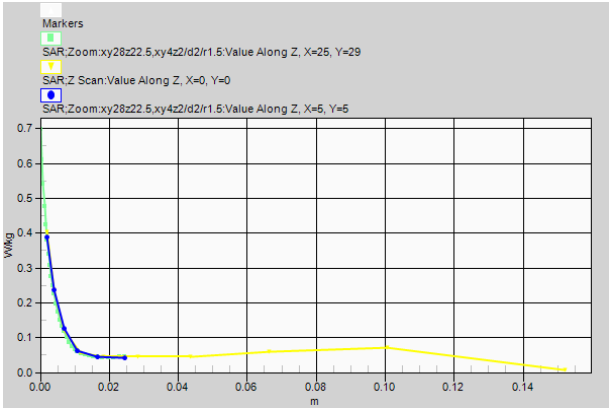
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.87, 3.87, 3.87); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.5, 151.0
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

LCD back side(Nearby person)/Touch(0mm)_Main-Aux_W58_11a(6m)_m5745(149)/
Area Scan:110x150,10 (12x16x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.388 W/kg
Area Scan:110x150,10 (111x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.425 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.403 W/kg

Zoom:xy28z22.5,xy4z2/d2/r1.5 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 8.931 V/m; Power Drift = -0.07 dB, Maximum value of SAR (measured) = 0.390 W/kg
Peak SAR (extrapolated) = 0.697 mW/g
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.118 mW/g







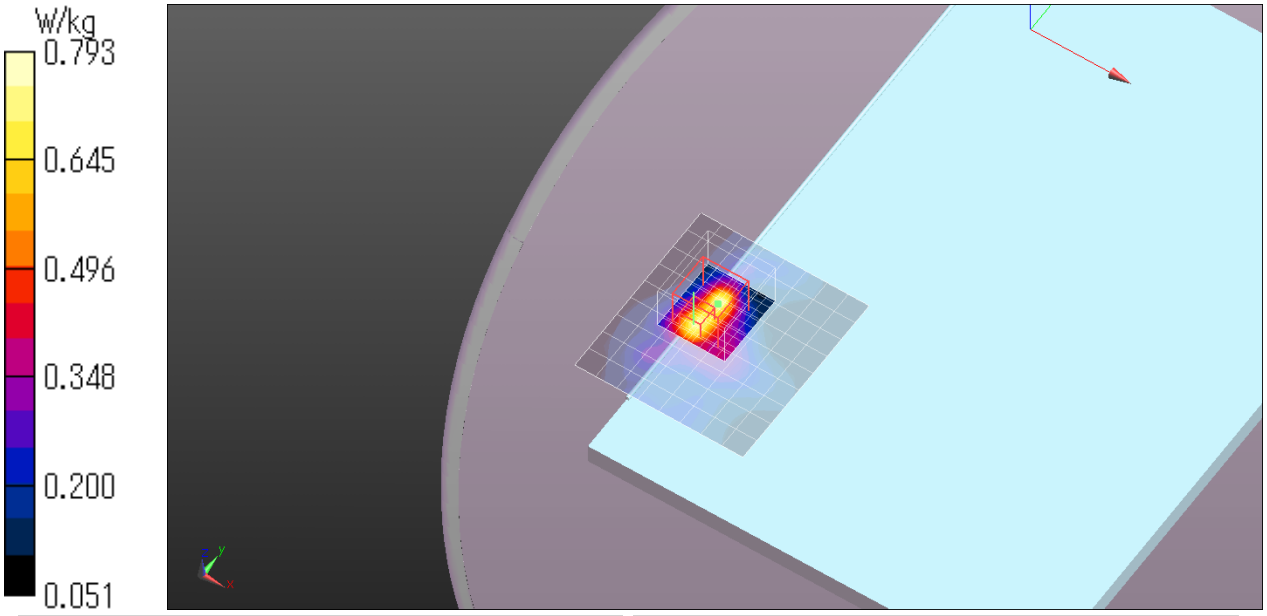
Remarks:*. Date tested: Date/Time: 2012/12/4; Tested by: Naka Hiroshi; Tested place:No.7 shielded room,
*.liquid depth: 150mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 25.0 deg.C. / 50 %RH,
*.liquid temperature: 24.5(start)/24.5(end)/24.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

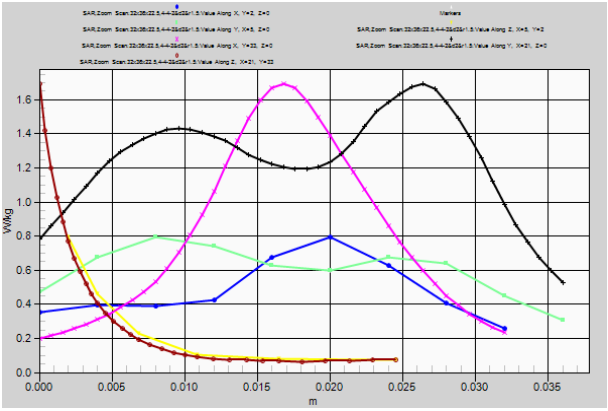
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5785 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5785 MHz; σ = 6.214 S/m; ε_r = 47.326; ρ = 1000 kg/m^3

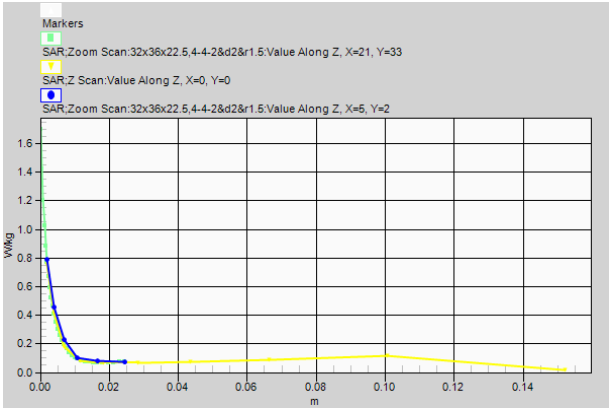
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.87, 3.87, 3.87); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Lap held(Bottom face)/Touch(0mm)_Aux-Ant_W58_11a6Mbps_5785MHz157ch/
Area Scan:80x90,10 (9x10x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.737 W/kg
Area Scan:80x90,10 (81x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.816 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.754 W/kg

Zoom Scan:32x36x22.5,4-4-2&d2&r1.5 (9x10x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 14.176 V/m; Power Drift = 0.01 dB, Maximum value of SAR (measured) = 0.793 W/kg
Peak SAR (extrapolated) = 1.696 mW/g
SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.192 mW/g







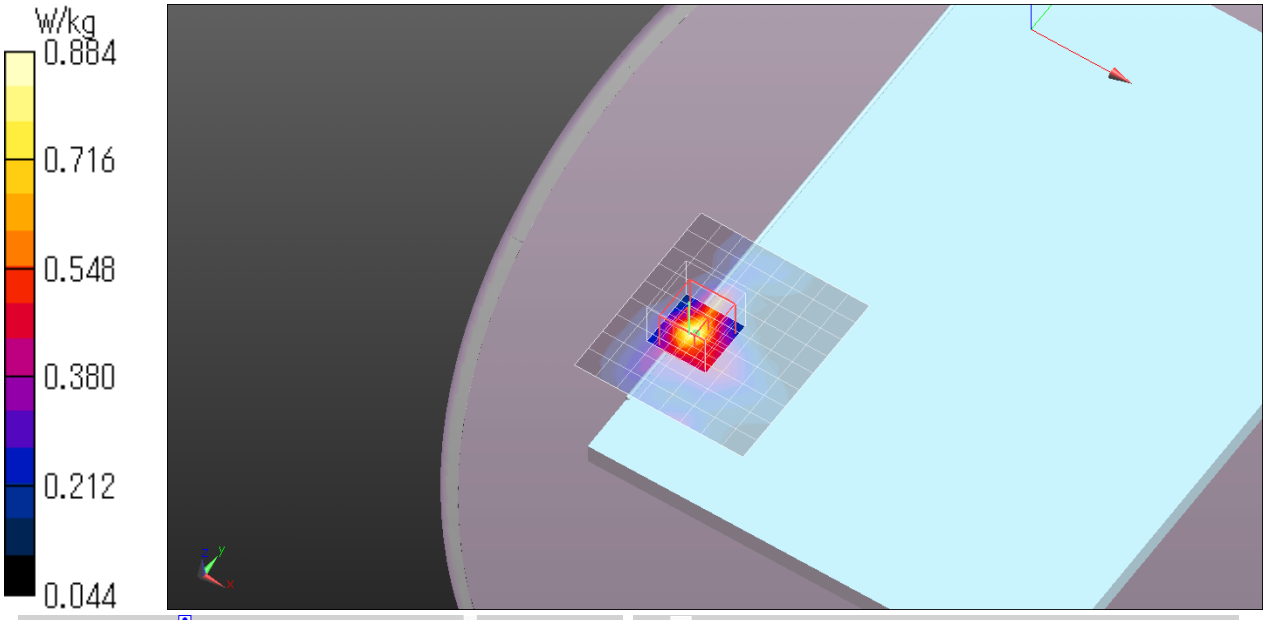
Remarks:*. Date tested: Date/Time: 2012/11/28; Tested by: Tomochika Sato; Tested place:No.7 shielded room,
*.liquid depth: 152mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.8 deg.C. / 45 %RH,
*.liquid temperature: 24.4(start)/24.4(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

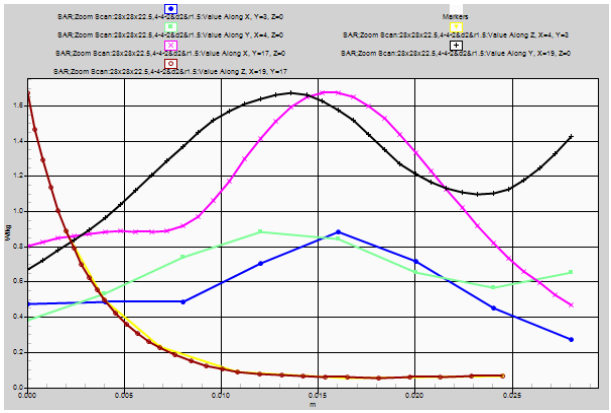
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5825 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5825 MHz; σ = 6.291 S/m; ε_r = 47.322; ρ = 1000 kg/m^3

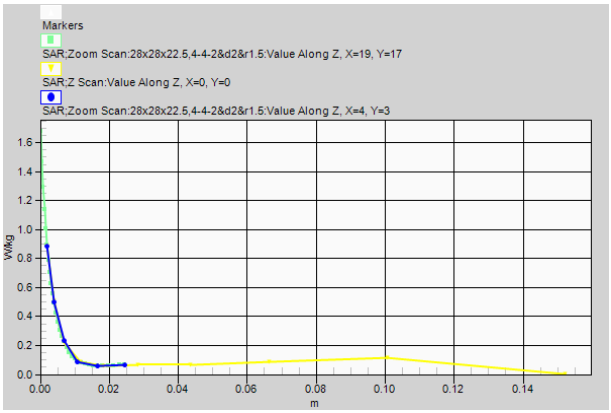
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.87, 3.87, 3.87); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Lap held(Bottom face)/Touch(0mm)_Aux-Ant_W58_11a6Mbps_5825MHz165ch/
Area Scan:80x90,10 (9x10x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.889 W/kg
Area Scan:80x90,10 (81x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.898 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.884 W/kg

Zoom Scan:28x28x22.5,4-4-2&d2&r1.5 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 15.355 V/m; Power Drift = -0.01 dB, Maximum value of SAR (measured) = 0.884 W/kg
Peak SAR (extrapolated) = 1.675 mW/g
SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.191 mW/g







Remarks:*. Date tested: Date/Time: 2012/11/28; Tested by: Tomochika Sato; Tested place:No.7 shielded room,
*.liquid depth: 152mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.8 deg.C. / 45 %RH,
*.liquid temperature: 24.4(start)/24.4(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

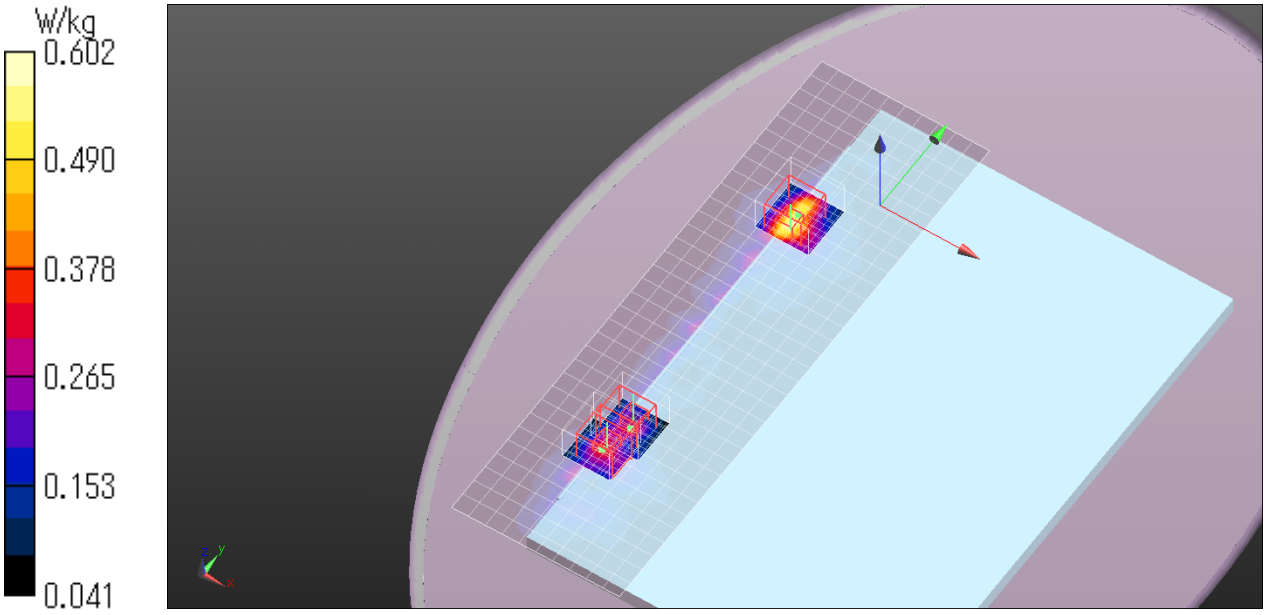
EUT: Satellite_U930; Type: Laptop PC; Serial: XC134402H
Communication System: 5GHz_band_11a&n-20&40-all; Frequency: 5825 MHz; Crest factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5825 MHz; σ = 6.271 S/m; ε_r = 46.551; ρ = 1000 kg/m^3

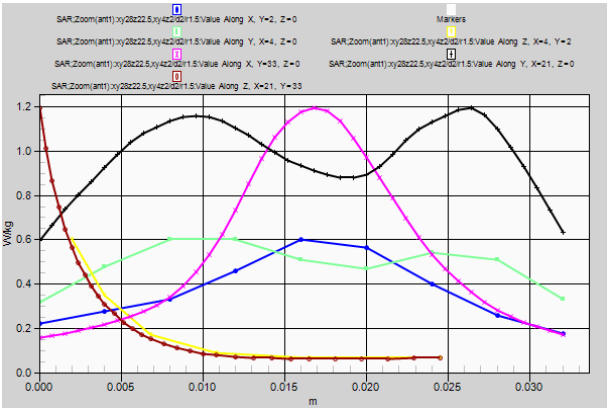
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:
-Probe: EX3DV4 - SN3679; ConvF(3.87, 3.87, 3.87); Calibrated: 2012/06/21; -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 151.0, 23.5
-Electronics: DAE4 Sn626; Calibrated: 2012/02/15 -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

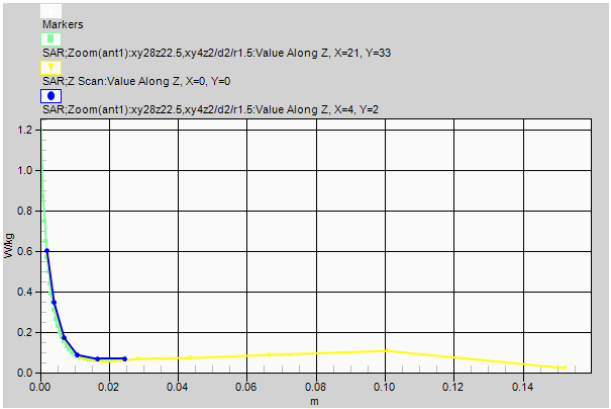
Lap held(Bottom face)/Touch(0mm)_MIMO_W58_11n20(mcs8)_m5825(165)/
Area Scan:100x330,10 (11x34x1): Measurement grid: dx=10mm, dy=10mm, Maximum value of SAR (measured) = 0.490 W/kg
Area Scan:100x330,10 (101x331x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm, Maximum value of SAR (interpolated) = 0.559 W/kg
Z Scan (1x1x10): Measurement grid: dx=20mm, dy=20mm, dz=2mm, Maximum value of SAR (measured) = 0.586 W/kg

Zoom(ant1):xy28z22.5,xy4z2/d2/r1.5 (9x9x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 10.063 V/m; Power Drift = -0.05 dB, Maximum value of SAR (measured) = 0.602 W/kg
Peak SAR (extrapolated) = 1.198 mW/g
SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.157 mW/g

Zoom(ant2,2nd):xy28z22.5,xy4z2/d2/r1.5 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 10.063 V/m; Power Drift = -0.07 dB, Maximum value of SAR (measured) = 0.442 W/kg
Peak SAR (extrapolated) = 1.279 mW/g
SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.116 mW/g







Remarks:*. Date tested: Date/Time: 2012/12/4; Tested by: Naka Hiroshi; Tested place:No.7 shielded room,
*.liquid depth: 150mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 25.0 deg.C. / 50 %RH,
*.liquid temperature: 24.5(start)/24.5(end)/24.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)