

iii) WLAN 5500MHz-5700MHz

m56(tablet,w56(130430)/(mimo)ant=0&1,tablet-right&d=0mm,11n20(mcs8),m5560(112ch)

Date/Time: 2013/04/30 14:48:39

Communication System: 5GHz-all; Frequency: 5560 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: $f = 5560$ MHz; $\sigma = 5.915$ S/m; $\epsilon_r = 47.417$; $\rho = 1000$ kg/m³

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

-Probe: EX3DV4 - SN3679; ConvF(3.61, 3.61, 3.61); Calibrated: 2012/06/21;

-Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0, 136.0$

-Electronics: DAE4 Sn518; Calibrated: 2012/10/17

-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet,w56(130430)/m56-3,(mimo)ant=0&1,right&d=0mm,11n20(mcs8),m5560/

Area Scan:60x100,10 (7x12x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.38 W/kg

Area Scan:60x100,10 (61x111x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.62 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=5$ mm

Maximum value of SAR (measured) = 1.53 W/kg

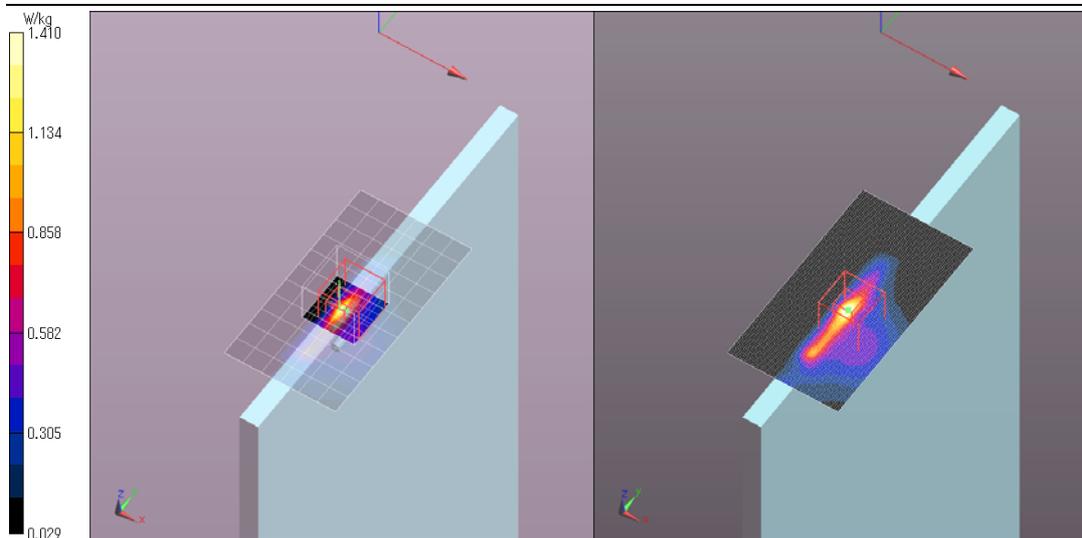
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.147 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 15.422 V/m; Power Drift = -0.08 dB, Maximum value of SAR (measured) = 1.41 W/kg

Peak SAR (extrapolated) = 2.497 mW/g

SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.138 mW/g



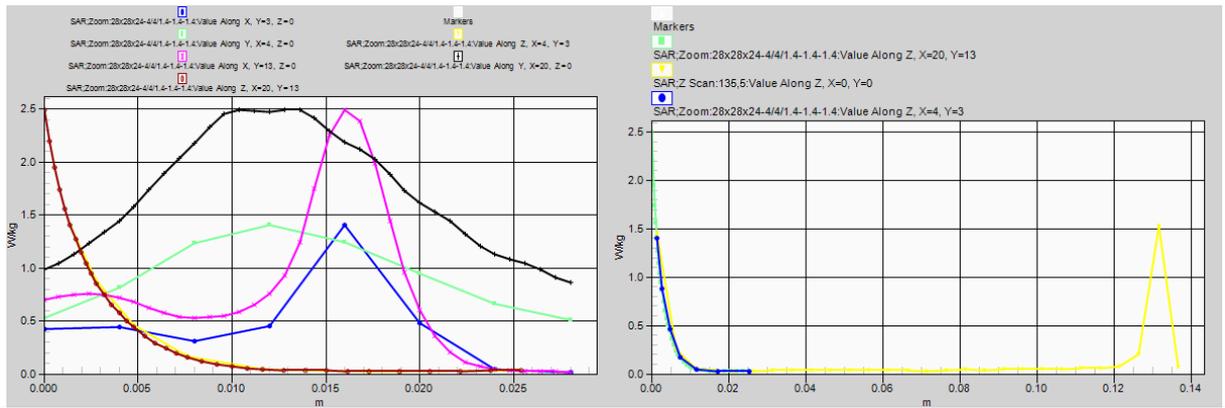
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Remarks: * Date tested: 2013/04/30; Tested by: Tomochika ato; Tested place: No.7 shielded room,
* liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: $24.0 \pm 0.5 \text{ deg.C.} / 50 \pm 5 \% \text{ RH}$,
* liquid temperature: 23.5(start)/23.5(end)/23.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

m56-x(tablet,w56(130427) /(mimo)ant=0&1,tablet-rear&d=0mm,11n20(mcs8),m5560(112ch)

Date/Time: 2013/04/27 14:02:40

Communication System: 5GHz-all; Frequency: 5560 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: $f = 5560$ MHz; $\sigma = 5.93$ S/m; $\epsilon_r = 47.231$; $\rho = 1000$ kg/m³

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: 1.4mm (Mechanical Surface Detection), $z = 1.0$

-Electronics: DAE4 Sn518; Calibrated: 2012/10/17

-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Tablet,w56(13.0427)/m56-2,(mimo)ant=0&1,rear&d=0mm,11n20(mcs8),m5560/

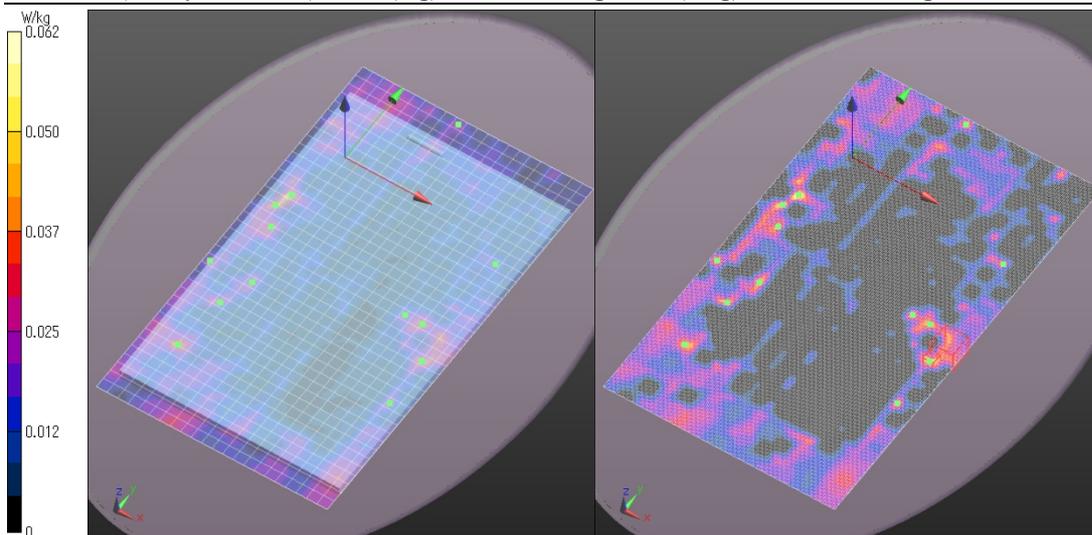
Area Scan:220x380,10 (23x39x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.0424 W/kg

Area Scan:220x380,10 (221x381x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0622 W/kg

Fast SAR(*.Polynomial fit): SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00657 mW/g



Remarks: *. Date tested: 2013/04/27; Tested by: Tomochika ato; Tested place:No.7 shielded room,

*.liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.0 ± 0.5 deg.C. / 50 ± 5 %RH,

*.liquid temperature: 23.5(start)/23.5(end)/23.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

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m56-x(tablet,w56(130427) /(mimo)ant=0&1,laptop-bottom&d=0mm,11n20(mcs8),m5560(112ch)

Date/Time: 2013/04/27 13:00:27

Communication System: 5GHz-all; Frequency: 5560 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: $f = 5560$ MHz; $\sigma = 5.93$ S/m; $\epsilon_r = 47.231$; $\rho = 1000$ kg/m³

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: 1.4mm (Mechanical Surface Detection), $z = 1.0$

-Electronics: DAE4 Sn518; Calibrated: 2012/10/17

-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

laptop,w56(13.0427)/m56-1,laptop,(mimo)ant=0&1,laptop-btm&d=0mm,11n20(mcs8),m5560/

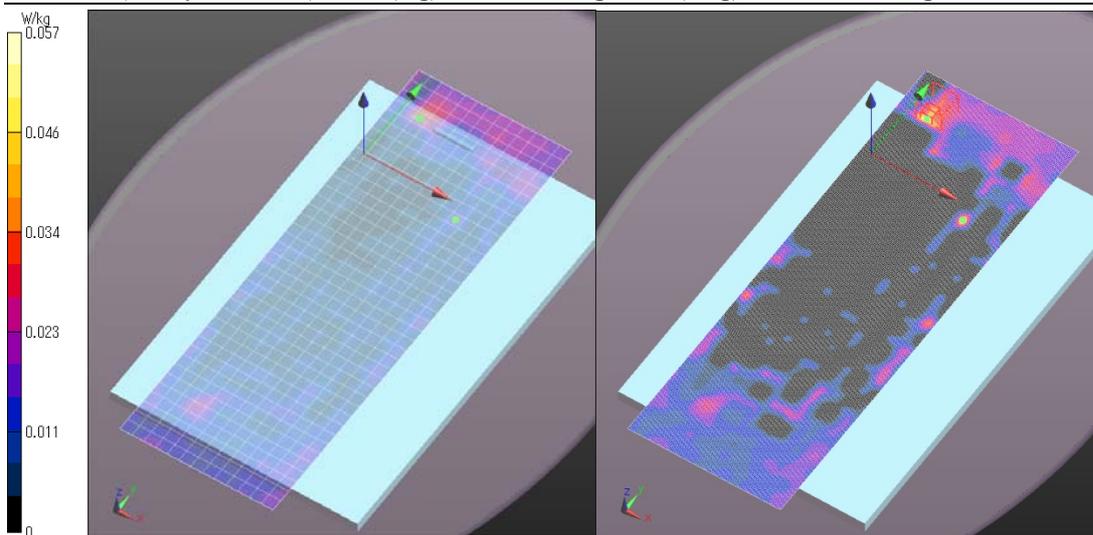
Area Scan:130x380,10 (14x39x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.0313 W/kg

Area Scan:130x380,10 (131x381x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0574 W/kg

Fast SAR(*.Polynomial fit): SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00684 mW/g



Remarks: *. Date tested: 2013/04/27; Tested by: Tomochika ato; Tested place: No.7 shielded room,
*. liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.0 ± 0.5 deg.C. / 50 ± 5 %RH,
*. liquid temperature: 23.5(start)/23.5(end)/23.5(in check) deg.C.; *. White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

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m56(tablet,w56(130430)/(mimo)ant=0&1,tablet-bottom edge&d=0mm,11n20(mcs8),m5560(112ch)

Date/Time: 2013/04/30 19:16:19

Communication System: 5GHz-all; Frequency: 5560 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: $f = 5560$ MHz; $\sigma = 5.915$ S/m; $\epsilon_r = 47.417$; $\rho = 1000$ kg/m³

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: 1.4mm (Mechanical Surface Detection), $z = 1.0$

-Electronics: DAE4 Sn518; Calibrated: 2012/10/17

-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet,w56(130430)/m56-7,(mimo)ant=0&1,btm-edge&d=0mm,11n20(mcs8),m5560/

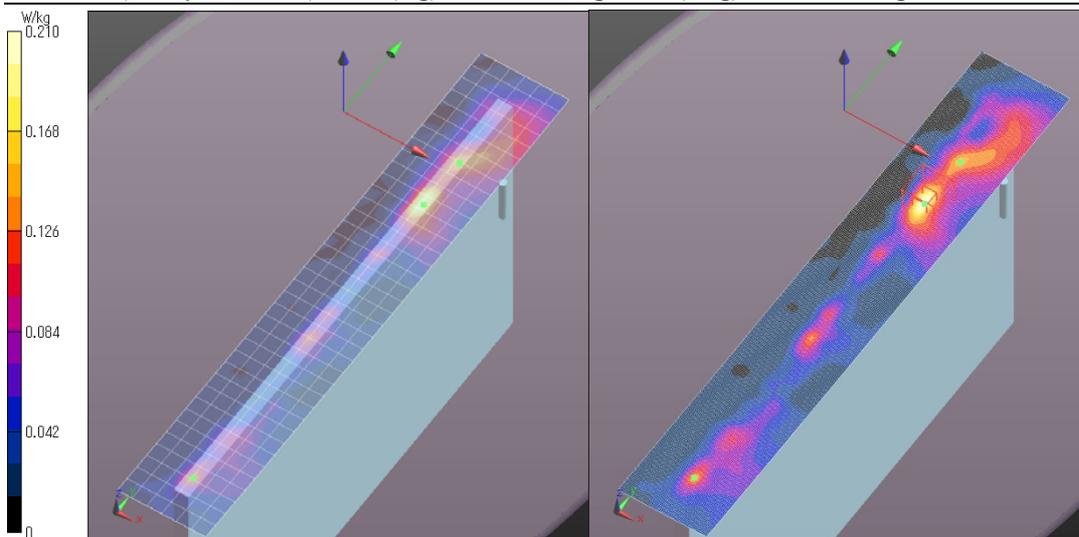
Area Scan:60x370,10 (7x38x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.188 W/kg

Area Scan:60x370,10 (61x371x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.210 W/kg

Fast SAR(*.Polynomial fit): SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.031 mW/g



Remarks: *. Date tested: 2013/04/30; Tested by: Tomochika ato; Tested place:No.7 shielded room,

*.liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.0 ± 0.5 deg.C. / 50 ± 5 %RH,

*.liquid temperature: 23.5(start)23.5(end)/23.5(in check) deg.C.; *. White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

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m56(tablet,w56(130501) /ant=0,tablet-right&d=0mm,11a(6m),m5540(108ch)

Date/Time: 2013/05/01 18:59:07

Communication System: 5GHz-all; Frequency: 5540 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: f = 5540 MHz; $\sigma = 5.886$ S/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3679; ConvF(3.7, 3.7, 3.7); Calibrated: 2012/06/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0
- Electronics: DAE4 Sn518; Calibrated: 2012/10/17
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Tablet,w56(13.0501)/m56-3-9,(miso)ant=0,right&d=0mm,11a(6m),m5540/

Area Scan:60x220,10 (7x23x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.46 W/kg

Area Scan:60x220,10 (61x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.67 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.49 W/kg

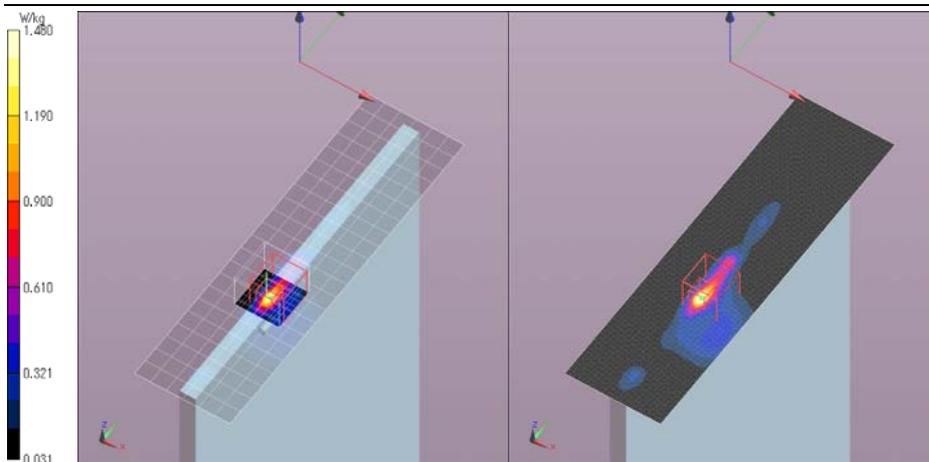
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.131 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.915 V/m; Power Drift = -0.00 dB, Maximum value of SAR (measured) = 1.48 W/kg

Peak SAR (extrapolated) = 2.769 mW/g

SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.140 mW/g



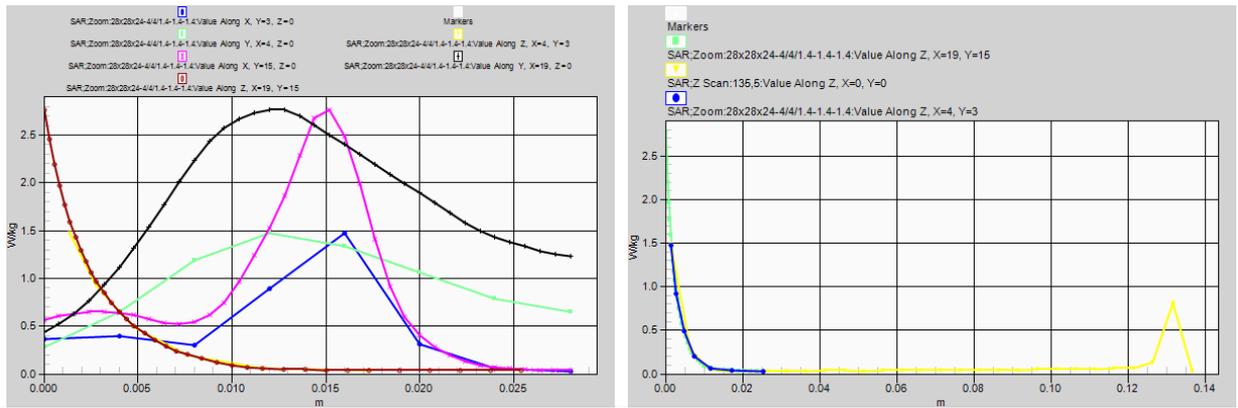
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Remarks: * Date tested: 2013/05/01; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
* liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.5 ± 0.5deg.C. / 50 ± 5%RH,
* liquid temperature: 23.6(start)/23.8(end)/24.4(in check) deg.C.; * White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

m56(tablet,w56(130430)/(miso)ant=0&1,tablet-right&d=0mm,11n40(mcs0),m5590(118ch)

Date/Time: 2013/04/30 13:53:36

Communication System: 5GHz-all; Frequency: 5590 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: $f = 5590$ MHz; $\sigma = 5.961$ S/m; $\epsilon_r = 47.444$; $\rho = 1000$ kg/m³

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: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0, 136.0$

-Electronics: DAE4 Sn518; Calibrated: 2012/10/17

-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet,w56(130430)/m56-2,(miso,bw:40MHz)ant=0,right&d=0mm,11n40(mcs0),m5590/

Area Scan:60x100,10 (7x12x1): Measurement grid: $dx=10$ mm, $dy=10$ mm, Maximum value of SAR (measured) = 0.892 W/kg

Area Scan:60x100,10 (61x111x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm, Maximum value of SAR (interpolated) = 1.09 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=5$ mm, Maximum value of SAR (measured) = 0.932 W/kg

Fast SAR(*.Polynomial fit): SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.101 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 13.745 V/m; Power Drift = 0.08 dB, Maximum value of SAR (measured) = 0.961 W/kg

Peak SAR (extrapolated) = 1.743 mW/g

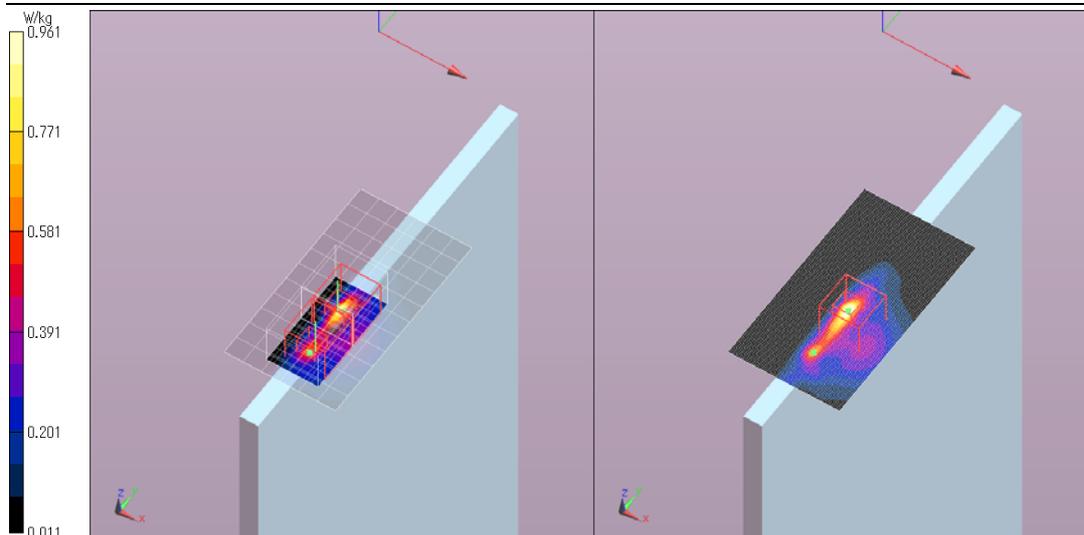
SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.089 mW/g

Zoom(2nd):28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 13.745 V/m; Power Drift = 0.08 dB, Maximum value of SAR (measured) = 0.670 W/kg

Peak SAR (extrapolated) = 1.583 mW/g

SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.084 mW/g



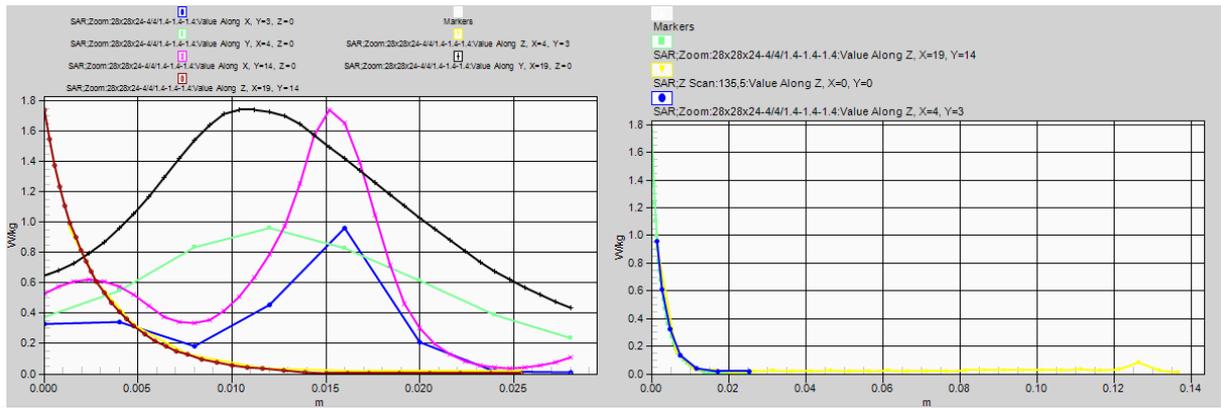
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Remarks: * Date tested: 2013/04/30; Tested by: Tomochika ato; Tested place: No.7 shielded room,
* liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: $24.0 \pm 0.5 \text{ deg.C.} / 50 \pm 5 \% \text{ RH}$,
* liquid temperature: 23.5(start)/23.5(end)/23.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

m56(tablet,w56(130430)/(mimo)ant=0&1,tablet-right&d=0mm,11n40(mcs8),m5630(126ch)

Date/Time: 2013/04/30 15:21:32

Communication System: 5GHz-all; Frequency: 5630 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: f = 5630 MHz; $\sigma = 5.981$ S/m; $\epsilon_r = 47.272$; $\rho = 1000$ kg/m³

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3679; ConvF(3.61, 3.61, 3.61); Calibrated: 2012/06/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0
- Electronics: DAE4 Sn518; Calibrated: 2012/10/17
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet,w56(130430)/m56-4,(mimo,bw:40MHz)ant=0&1,right&d=0mm,11n40(mcs8),m5630/

Area Scan:60x100,10 (7x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.725 W/kg

Area Scan:60x100,10 (61x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.867 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.01 W/kg

Fast SAR(*.Polynomial fit): SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.076 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.145 V/m; Power Drift = -0.06 dB, Maximum value of SAR (measured) = 0.845 W/kg

Peak SAR (extrapolated) = 1.956 mW/g

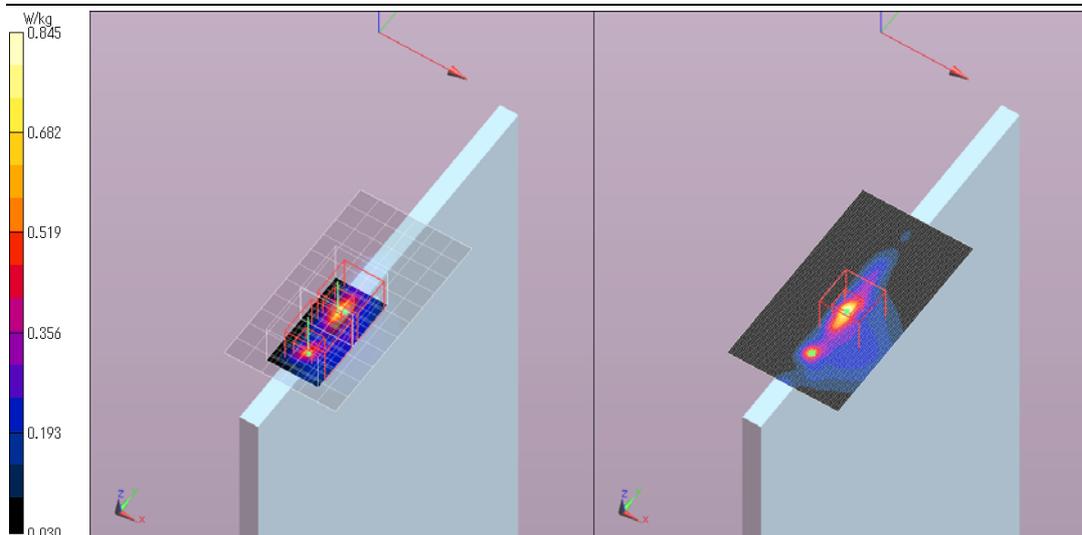
SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.096 mW/g

Zoom(2nd):28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.145 V/m; Power Drift = -0.06 dB, Maximum value of SAR (measured) = 0.608 W/kg

Peak SAR (extrapolated) = 1.162 mW/g

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.082 mW/g



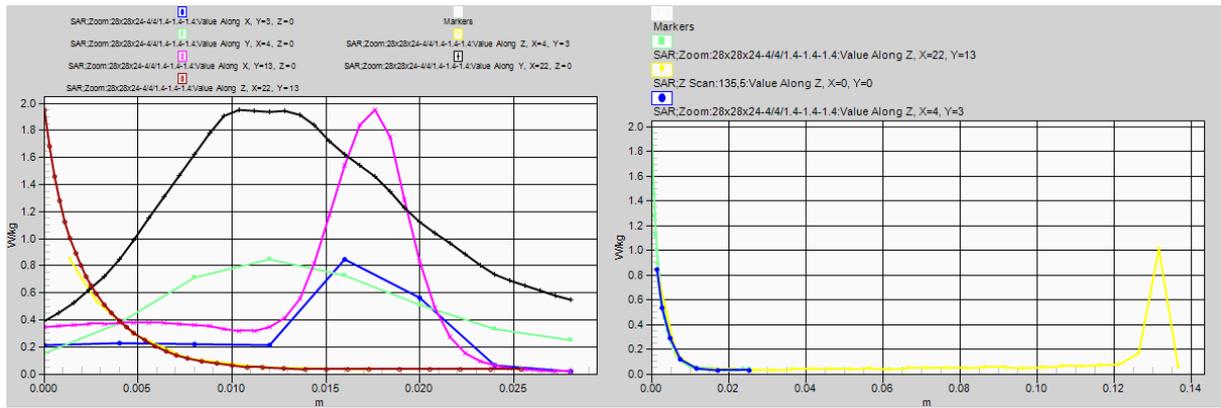
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Remarks: * Date tested: 2013/04/30; Tested by: Tomochika ato; Tested place: No.7 shielded room,
* liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: $24.0 \pm 0.5 \text{ deg.C.} / 50 \pm 5 \% \text{ RH}$,
* liquid temperature: 23.5(start)/23.5(end)/23.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

m56(tablet,w56(130501)/(mimo)ant=0&1,tablet-left&d=0mm,11n20(mcs8),m5560(112ch)

Date/Time: 2013/05/01 15:21:49

Communication System: 5GHz-all; Frequency: 5560 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: f = 5560 MHz; $\sigma = 5.892$ S/m; $\epsilon_r = 46.884$; $\rho = 1000$ kg/m³

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: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

-Electronics: DAE4 Sn518; Calibrated: 2012/10/17

-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Tablet,w56(13.0501)/m56-3-4,(mimo)ant=0&1,left&d=0mm,11n20(mcs8),m5560/

Area Scan:60x220,10 (7x23x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.56 W/kg

Area Scan:60x220,10 (61x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.76 W/kg

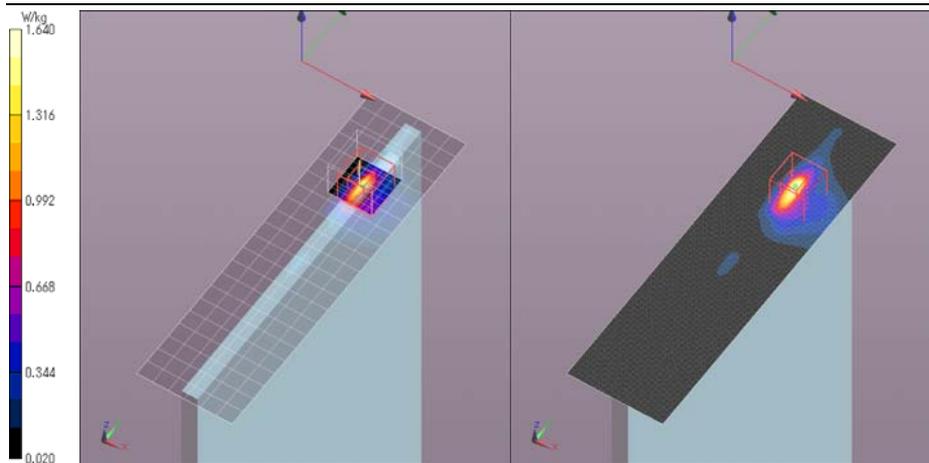
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.172 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.790 V/m; Power Drift = 0.15 dB, Maximum value of SAR (measured) = 1.64 W/kg

Peak SAR (extrapolated) = 2.946 mW/g

SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.168 mW/g



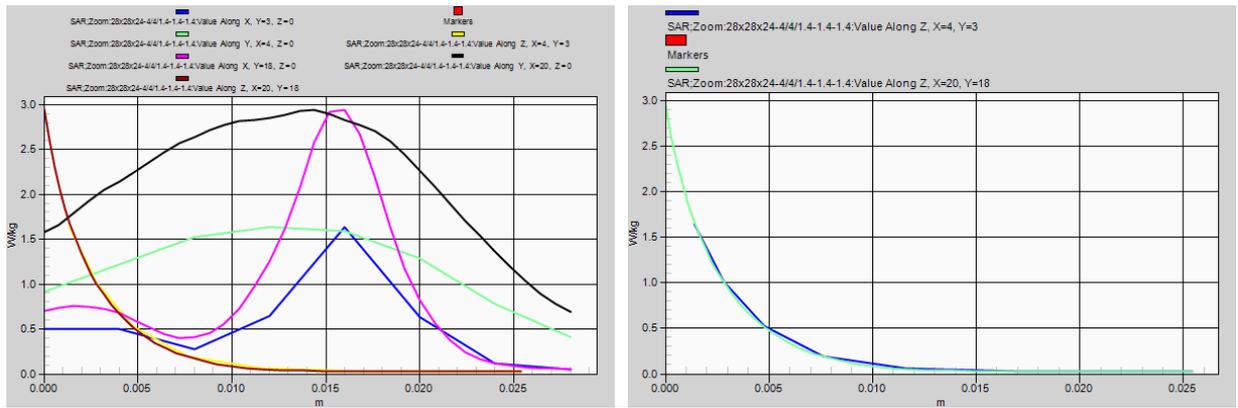
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Remarks: * Date tested: 2013/05/01; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
 * liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: $24.5 \pm 0.5 \text{ deg.C.} / 50 \pm 5 \% \text{ RH}$,
 * liquid temperature: 23.6(start)/23.8(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

m56(tablet,w56(130501)/(mimo)ant=0&1,tablet-left&d=0mm,11n40(mcs8),m5630(126ch)

Date/Time: 2013/05/01 16:02:46

Communication System: 5GHz-all; Frequency: 5630 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: f = 5630 MHz; $\sigma = 5.991$ S/m; $\epsilon_r = 46.994$; $\rho = 1000$ kg/m³

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: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0

-Electronics: DAE4 Sn518; Calibrated: 2012/10/17

-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Tablet,w56(13.0501)/m56-3-5,(mimo)ant=0&1,left&d=0mm,11n40(mcs8),m5630/

Area Scan:60x100,10 (7x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.23 W/kg

Area Scan:60x100,10 (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.35 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.16 W/kg

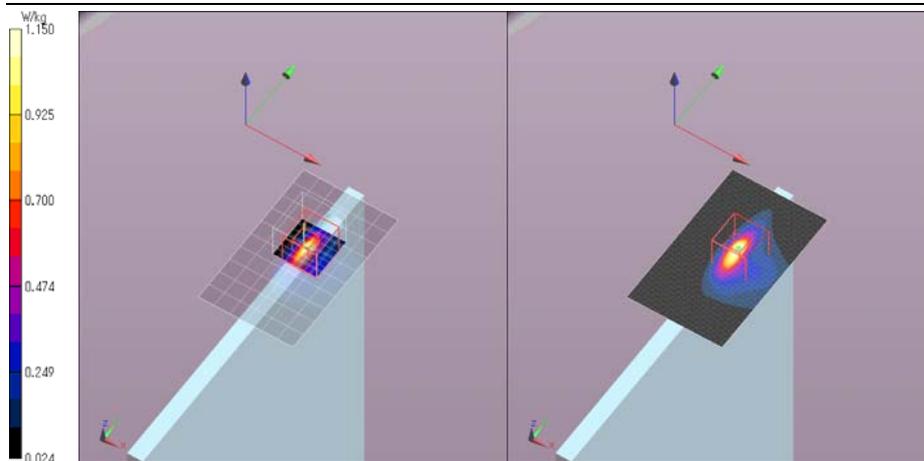
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.115 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.939 V/m; Power Drift = -0.06 dB, Maximum value of SAR (measured) = 1.15 W/kg

Peak SAR (extrapolated) = 2.174 mW/g

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.113 mW/g



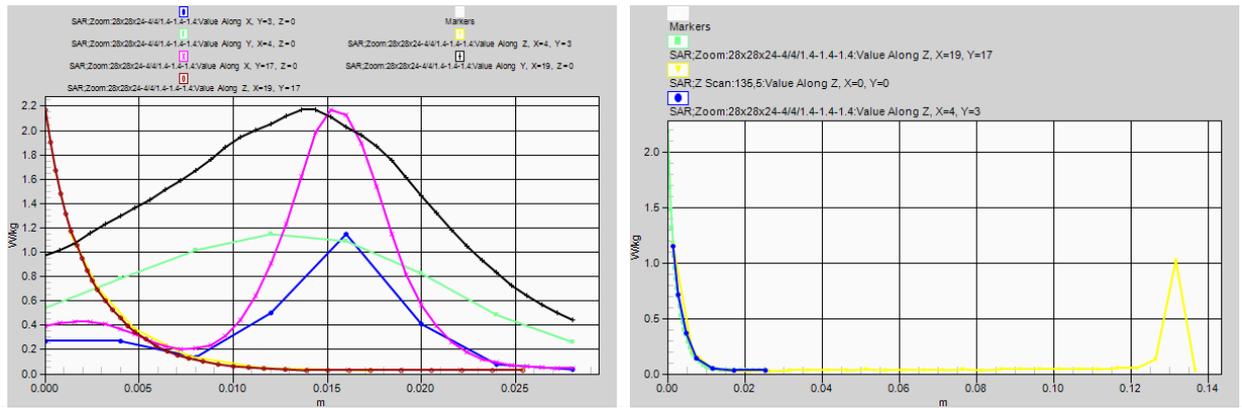
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Remarks: * Date tested: 2013/05/01; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
* liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: $24.5 \pm 0.5 \text{ deg.C.} / 50 \pm 5 \% \text{ RH}$,
* liquid temperature: 23.6(start)/23.8(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

m56(tablet,w56(130501) /ant=0,tablet-right&d=0mm,11a(6m),m5580(116ch)

Date/Time: 2013/05/01 17:56:58

Communication System: 5GHz-all; Frequency: 5580 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: $f = 5580$ MHz; $\sigma = 5.952$ S/m; $\epsilon_r = 47.003$; $\rho = 1000$ kg/m³

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: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0, 136.0$

-Electronics: DAE4 Sn518; Calibrated: 2012/10/17

-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Tablet,w56(13.0501)/m56-3-6,(miso)ant=0,right&d=0mm,11a(6m),m5580/

Area Scan:60x100,10 (7x12x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 2.13 W/kg

Area Scan:60x100,10 (61x111x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.34 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=5$ mm

Maximum value of SAR (measured) = 2.33 W/kg

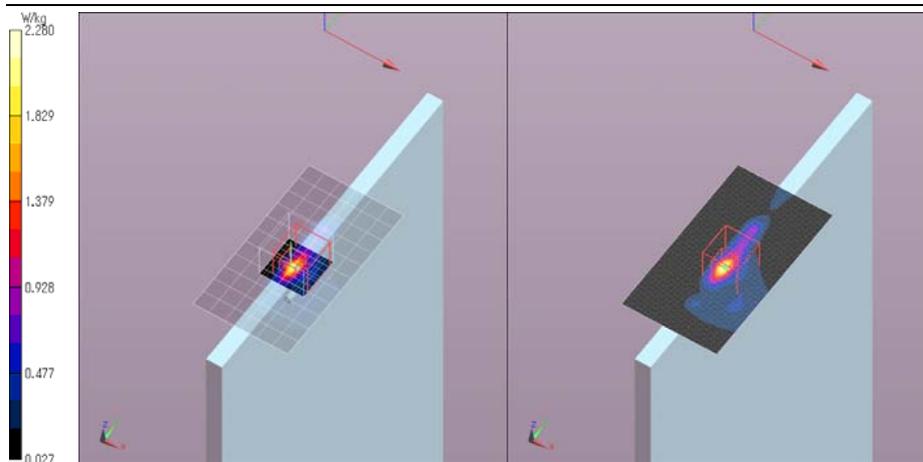
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.168 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 20.270 V/m; Power Drift = 0.11 dB, Maximum value of SAR (measured) = 2.28 W/kg

Peak SAR (extrapolated) = 3.879 mW/g

SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.186 mW/g



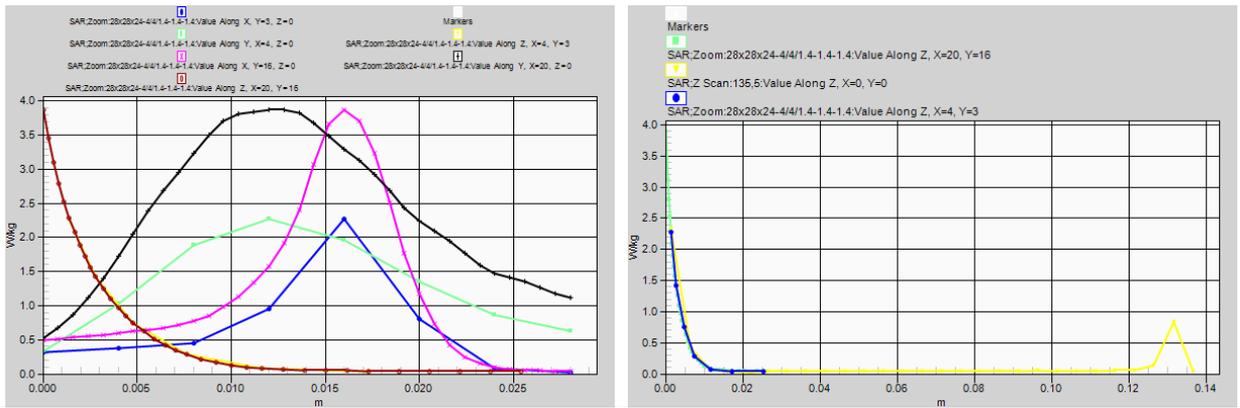
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Remarks: * Date tested: 2013/05/01; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
 * liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.5 ± 0.5deg.C. / 50 ± 5%RH,
 * liquid temperature: 23.6(start)/23.8(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

m56(tablet,w56(130501) /ant=0,tablet-right&d=0mm,11a(6m),m5640(128ch)

Date/Time: 2013/05/01 17:19:08

Communication System: 5GHz-all; Frequency: 5640 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: f = 5640 MHz; $\sigma = 5.985$ S/m; $\epsilon_r = 46.898$; $\rho = 1000$ kg/m³

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

-Probe: EX3DV4 - SN3679; ConvF(3.61, 3.61, 3.61); Calibrated: 2012/06/21;

-Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0

-Electronics: DAE4 Sn518; Calibrated: 2012/10/17

-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Tablet,w56(13.0501)/m56-3-7,(miso)ant=0,right&d=0mm,11a(6m),m5640/

Area Scan:60x100,10 (7x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.73 W/kg

Area Scan:60x100,10 (61x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.95 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: dx=20mm, dy=20mm, dz=5mm

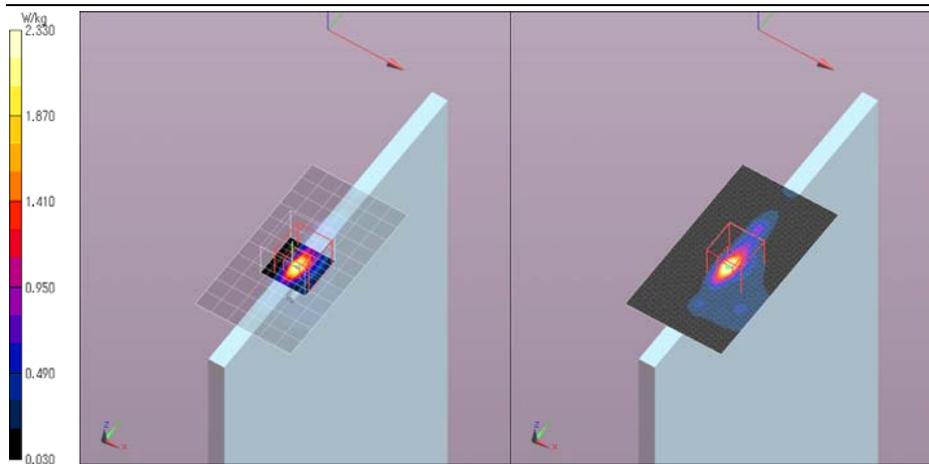
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.797 mW/g; SAR(10 g) = 0.196 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.002 V/m; Power Drift = 0.02 dB, Maximum value of SAR (measured) = 2.33 W/kg

Peak SAR (extrapolated) = 5.358 mW/g

SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.219 mW/g



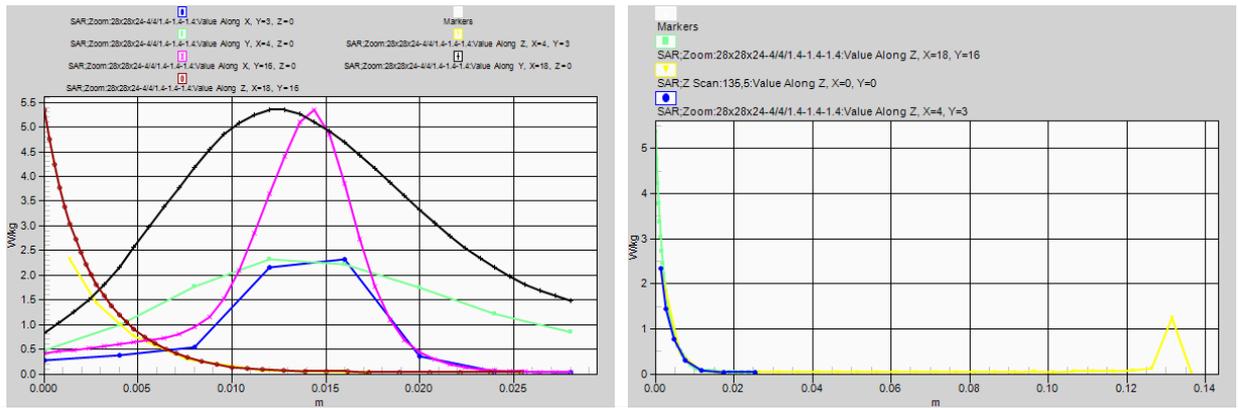
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Remarks: * Date tested: 2013/05/01; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
* liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.5 ± 0.5deg.C. / 50 ± 5 %RH,
* liquid temperature: 23.6(start)/23.8(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

m56(tablet,w56(130501) /ant=0,tablet-right&d=0mm,11a(6m),m5660(132ch)

Date/Time: 2013/05/01 18:28:20

Communication System: 5GHz-all; Frequency: 5660 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: f = 5660 MHz; $\sigma = 6.046$ S/m; $\epsilon_r = 46.843$; $\rho = 1000$ kg/m³

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

-Probe: EX3DV4 - SN3679; ConvF(3.61, 3.61, 3.61); Calibrated: 2012/06/21;

-Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0

-Electronics: DAE4 Sn518; Calibrated: 2012/10/17

-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Tablet,w56(13.0501)/m56-3-8,(miso)ant=0,right&d=0mm,11a(6m),m5660/

Area Scan:60x100,10 (7x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.53 W/kg

Area Scan:60x100,10 (61x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.80 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: dx=20mm, dy=20mm, dz=5mm

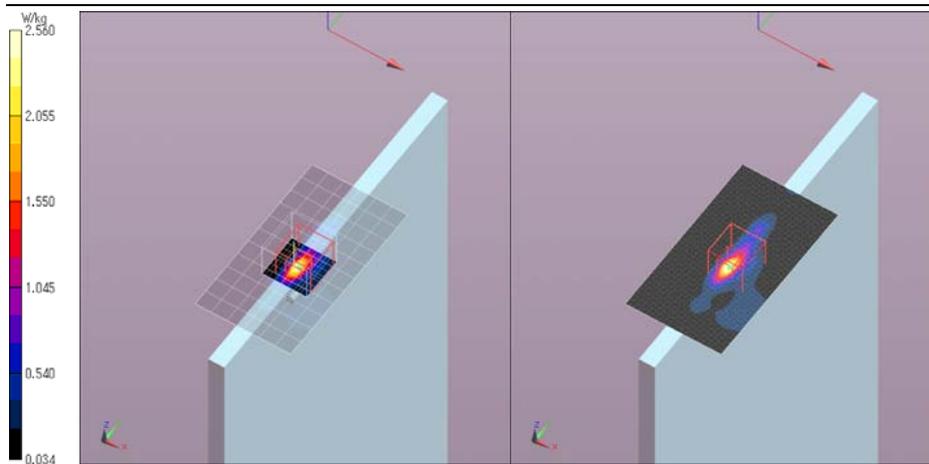
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.765 mW/g; SAR(10 g) = 0.192 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.703 V/m; Power Drift = 0.05 dB, Maximum value of SAR (measured) = 2.56 W/kg

Peak SAR (extrapolated) = 5.476 mW/g

SAR(1 g) = 0.858 mW/g; SAR(10 g) = 0.223 mW/g



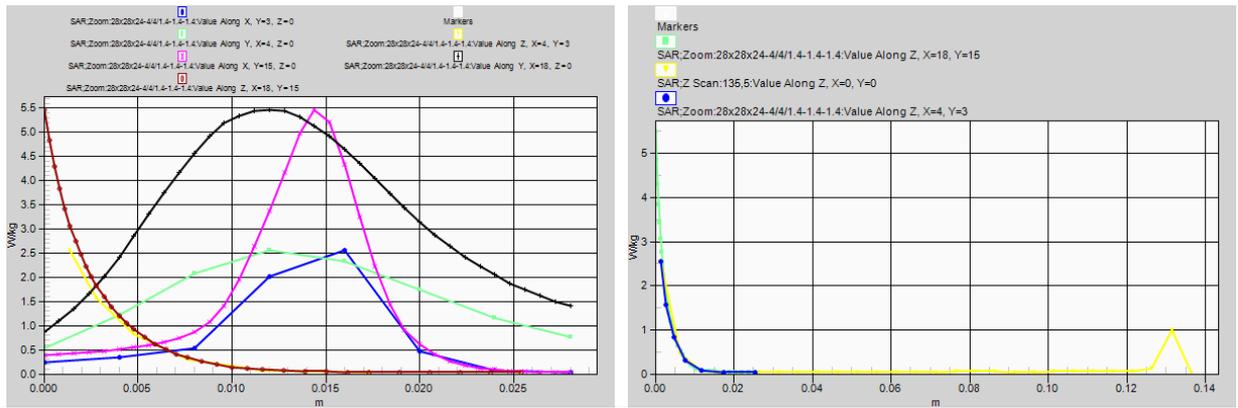
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Remarks: * Date tested: 2013/05/01; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
* liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.5 ± 0.5deg.C. / 50 ± 5 %RH,
* liquid temperature: 23.6(start)/23.8(end)/24.4(in check) deg.C.; * White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

m56(tablet,w56(130501)/(mimo)ant=0&1,tablet-left&d=0mm,11n20(mcs8),m5520(104ch)

Date/Time: 2013/05/01 13:51:44

Communication System: 5GHz-all; Frequency: 5520 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: $f = 5520$ MHz; $\sigma = 5.852$ S/m; $\epsilon_r = 46.975$; $\rho = 1000$ kg/m³

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3679; ConvF(3.7, 3.7, 3.7); Calibrated: 2012/06/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0, 136.0$
- Electronics: DAE4 Sn518; Calibrated: 2012/10/17
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Tablet,w56(13.0501)/m56-3-1,(mimo)ant=0&1,left&d=0mm,11n20(mcs8),m5520/

Area Scan:60x100,10 (7x11x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.41 W/kg

Area Scan:60x100,10 (61x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.64 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=5$ mm

Maximum value of SAR (measured) = 1.51 W/kg

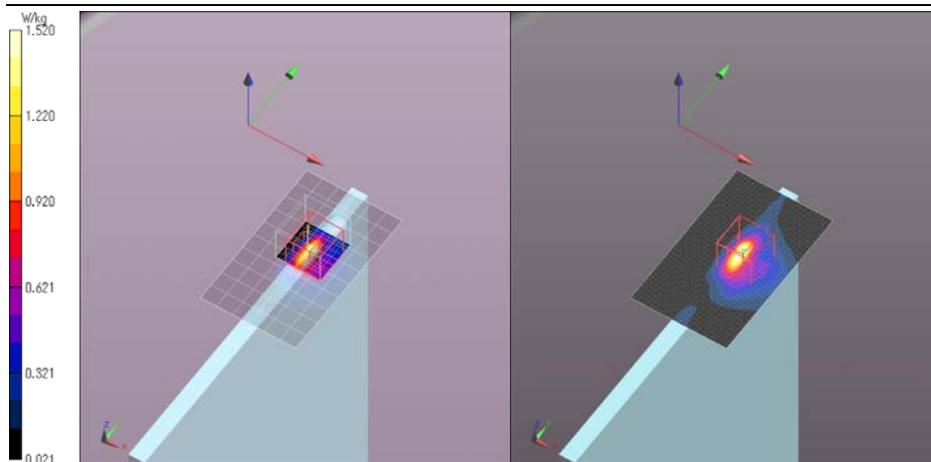
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.172 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 15.611 V/m; Power Drift = 0.14 dB, Maximum value of SAR (measured) = 1.52 W/kg

Peak SAR (extrapolated) = 2.842 mW/g

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.167 mW/g



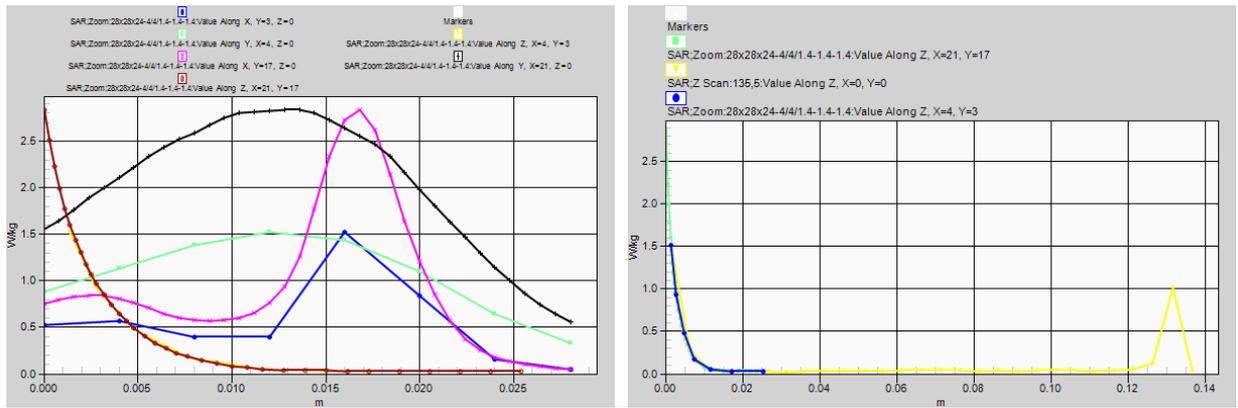
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Remarks: * Date tested: 2013/05/01; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
 * liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.5 ± 0.5deg.C. / 50 ± 5%RH,
 * liquid temperature: 23.6(start)/23.8(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

m56(tablet,w56(130501)/(mimo)ant=0&1,tablet-left&d=0mm,11n20(mcs8),m5640(128ch)

Date/Time: 2013/05/01 14:23:18

Communication System: 5GHz-all; Frequency: 5640 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: f = 5640 MHz; $\sigma = 5.985$ S/m; $\epsilon_r = 46.898$; $\rho = 1000$ kg/m³

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: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0

-Electronics: DAE4 Sn518; Calibrated: 2012/10/17

-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Tablet,w56(13.0501)/m56-3-2,(mimo)ant=0&1,left&d=0mm,11n20(mcs8),m5640/

Area Scan:60x100,10 (7x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.27 W/kg

Area Scan:60x100,10 (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.43 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 2.33 W/kg

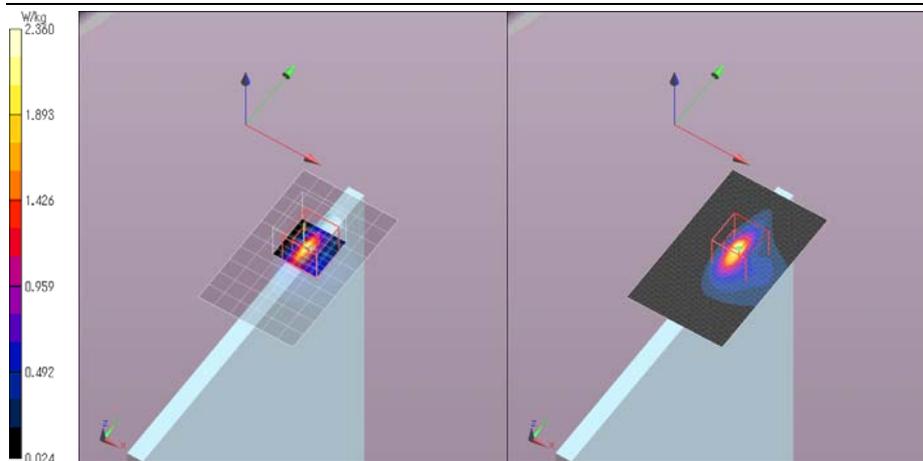
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.208 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.835 V/m; Power Drift = 0.09 dB, Maximum value of SAR (measured) = 2.36 W/kg

Peak SAR (extrapolated) = 4.294 mW/g

SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.207 mW/g



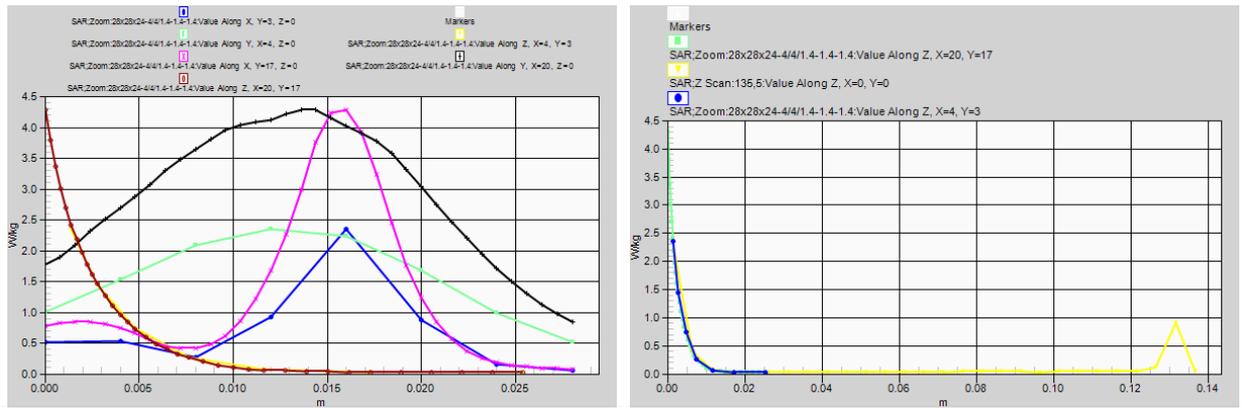
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Remarks: * Date tested: 2013/05/01; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
* liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.5 ± 0.5deg.C. / 50 ± 5%RH,
* liquid temperature: 23.6(start)/23.8(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

m56(tablet,w56(130501)/(mimo)ant=0&1,tablet-left&d=0mm,11n20(mcs8),m5680(136ch)

Date/Time: 2013/05/01 14:52:18

Communication System: 5GHz-all; Frequency: 5680 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: f = 5680 MHz; $\sigma = 6.053$ S/m; $\epsilon_r = 46.653$; $\rho = 1000$ kg/m³

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: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0

-Electronics: DAE4 Sn518; Calibrated: 2012/10/17

-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Tablet,w56(13.0501)/m56-3-3,(mimo)ant=0&1,left&d=0mm,11n20(mcs8),m5680/

Area Scan:60x100,10 (7x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.44 W/kg

Area Scan:60x100,10 (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.63 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 2.36 W/kg

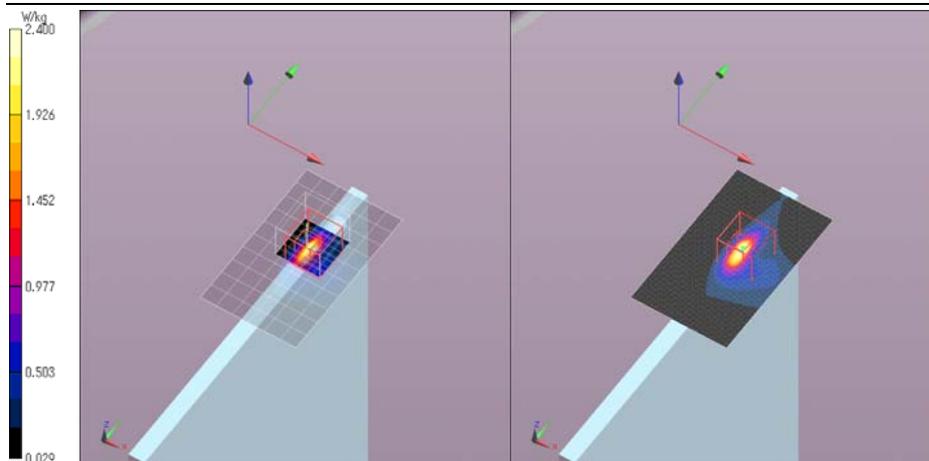
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.216 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.104 V/m; Power Drift = -0.09 dB, Maximum value of SAR (measured) = 2.40 W/kg

Peak SAR (extrapolated) = 4.428 mW/g

SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.201 mW/g



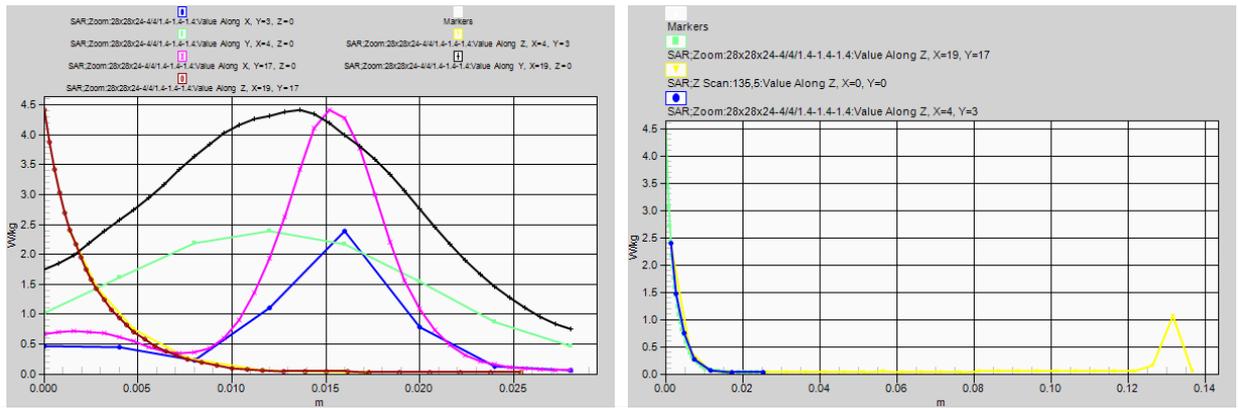
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Remarks: * Date tested: 2013/05/01; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
 * liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.5 ± 0.5deg.C. / 50 ± 5%RH,
 * liquid temperature: 23.6(start)/23.8(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

m56(tablet,w56(130501) /ant=0,tablet-right&d=0mm,11a(6m),m5660(132ch) Repeat

Date/Time: 2013/05/01 22:28:20

Communication System: 5GHz-all; Frequency: 5660 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: $f = 5660$ MHz; $\sigma = 6.046$ S/m; $\epsilon_r = 46.843$; $\rho = 1000$ kg/m³

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

-Probe: EX3DV4 - SN3679; ConvF(3.61, 3.61, 3.61); Calibrated: 2012/06/21;

-Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0, 136.0$

-Electronics: DAE4 Sn518; Calibrated: 2012/10/17

-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Tablet,w56(13.0501)/m56-3-8,(miso)ant=0,right&d=0mm,11a(6m),m5660/

Area Scan:60x100,10 (7x12x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 2.44 W/kg

Area Scan:60x100,10 (61x111x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.72 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=5$ mm

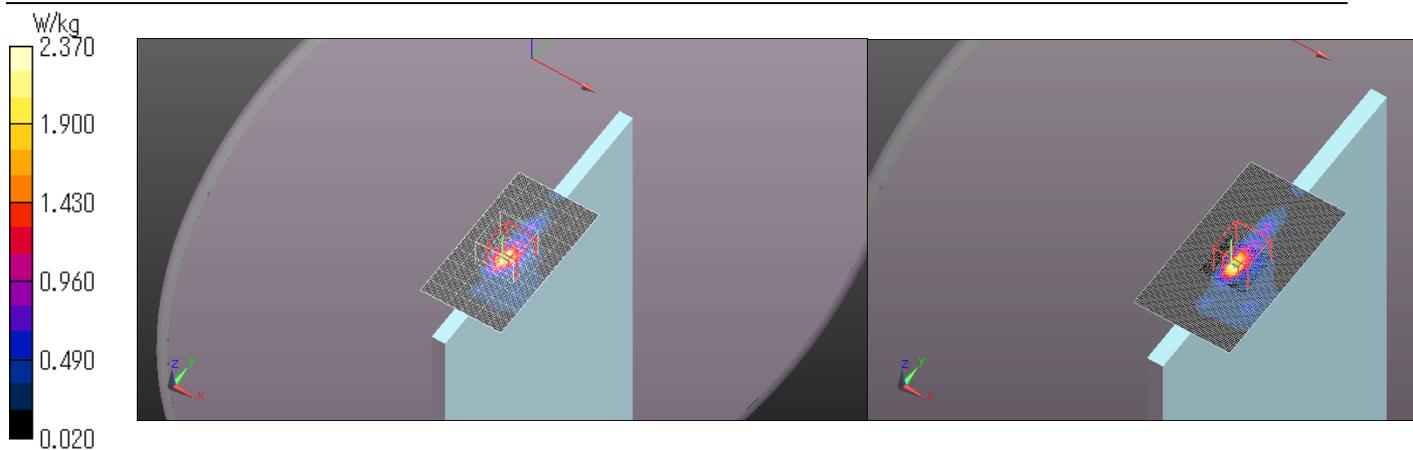
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.809 mW/g; SAR(10 g) = 0.198 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 25.082 V/m; Power Drift = 0.02 dB, Maximum value of SAR (measured) = 2.52 W/kg

Peak SAR (extrapolated) = 5.45 mW/g

SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.222 mW/g



Remarks: *. Date tested: 2013/05/01; Tested by: Tomochika Sato; Tested place:No.7 shielded room,

*.liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.5 ± 0.5deg.C. / 50 ± 5 %RH,

*.liquid temperature: 23.6(start)23.8(end)24.4(in check) deg.C.; *. White cubic: zoom scan area, Red cubic: big=SAR(10g) /small=SAR(1g)

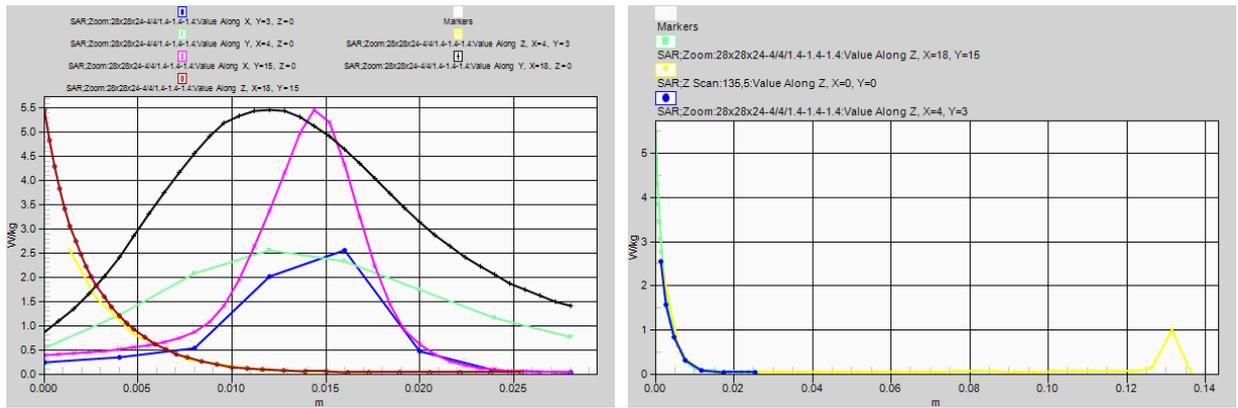
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Remarks: * Date tested: 2013/05/01; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
* liquid depth: 129mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.5 ± 0.5deg.C. / 50 ± 5 %RH,
* liquid temperature: 23.6(start)/23.8(end)/24.4(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

iv) WLAN 5745MHz-5825MHz

m58(tablet,w58(130422)/(mimo)ant=0&1,tablet-right&d=0mm,11n20(mcs8),m5785(157ch)

Date/Time: 2013/04/22 13:16:13

Communication System: 5GHz-all; Frequency: 5785 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: $f = 5785$ MHz; $\sigma = 6.222$ S/m; $\epsilon_r = 46.201$; $\rho = 1000$ kg/m³

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: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0, 136.0$

-Electronics: DAE4 Sn626; Calibrated: 2013/03/11

-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet,w58(130422)/ant=0&1,right&d=0mm,11n20(mcs8),m5785/

Area Scan:60x100,10 (7x11x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.20 W/kg

Area Scan:60x100,10 (61x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.51 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=5$ mm

Maximum value of SAR (measured) = 1.75 W/kg

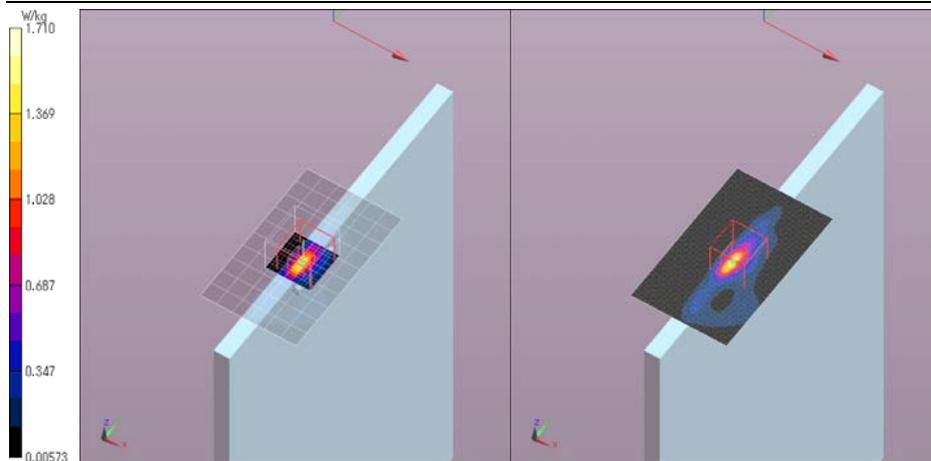
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.124 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 20.173 V/m; Power Drift = 0.08 dB, Maximum value of SAR (measured) = 1.74 W/kg

Peak SAR (extrapolated) = 3.582 mW/g

SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.141 mW/g



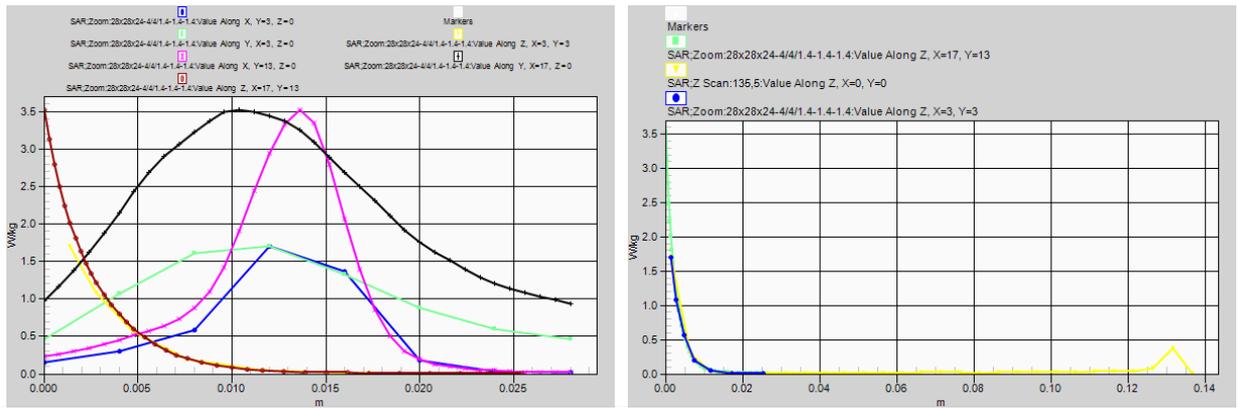
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Remarks: * Date tested: 2013/04/22; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
* liquid depth: 129mm; Position: distance of dipole to phantom: 8mm (10mm to liquid); ambient: 24.0 deg.C. / 45 %RH,
* liquid temperature: 23.5(start)/23.5(end)/23.5(in check) deg.C.; * White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

m58-14(tablet,w58(130423)/(mimo)ant=0&1,Tablet-Rear&d=0mm,11n(20HT)(MCS8),m5785(157ch)
Ant.1 worst SAR CH.(11n(20)-MCS8)/Left

Date/Time: 2013/04/23 14:58:33

Communication System: 5GHz-all; Frequency: 5785 MHz; Crest Factor: 1.0
Medium: MSL5800; Medium parameters used: $f = 5785$ MHz; $\sigma = 6.222$ S/m; $\epsilon_r = 46.201$; $\rho = 1000$ kg/m³

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

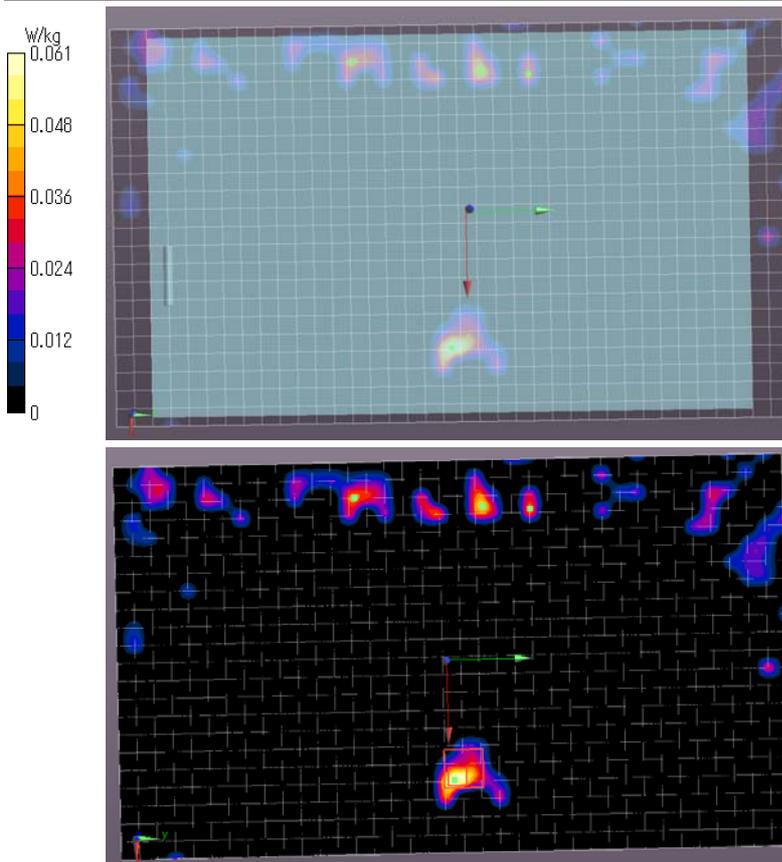
-Probe: EX3DV4 - SN3679; ConvF(3.87, 3.87, 3.87); Calibrated: 2012/06/21;
-Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0$
-Electronics: DAE4 Sn626; Calibrated: 2013/03/11
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet&laptop,w58(130423)/m58-14,(mimo)ant=0&1,rear&d=0mm,11n20(mcs8),m5785/

Area Scan:220x370,10 (23x38x1): Measurement grid: $dx=10$ mm, $dy=10$ mm;
Maximum value of SAR (measured) = 0.0546 W/kg

Area Scan:220x370,10 (221x371x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm;
Maximum value of SAR (interpolated) = 0.0606 W/kg

Fast SAR: SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.00821 mW/g



(Shown with no transparency of an area scan and a fast SAR.)

Remarks: *. Date tested: 2013/04/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*.liquid depth: 131mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.5 ± 0.5 deg.C. / 35 ± 5 %RH,
*.liquid temperature: 23.3(start)/23.3(end)/23.9(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

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m58-17(laptop,w58(130423)/(mimo)ant=0&1,Laptop-Bottom&d=0mm,11n(20HT)(MCS8),m5785(157ch)
Ant.1 worst SAR CH.(11n(20)-MCS8)/Left

Date/Time: 2013/04/23

Communication System: 5GHz-all; Frequency: 5785 MHz; Crest Factor: 1.0
Medium: MSL5800; Medium parameters used: $f = 5785$ MHz; $\sigma = 6.222$ S/m; $\epsilon_r = 46.201$; $\rho = 1000$ kg/m³

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

-Probe: EX3DV4 - SN3679; ConvF(3.87, 3.87, 3.87); Calibrated: 2012/06/21;
-Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0$
-Electronics: DAE4 Sn626; Calibrated: 2013/03/11
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet&laptop,w58(130423)/m58-17,laptop,(mimo)ant=0&1,laptop-btm&d=0mm,11n20(mcs8),m5785/

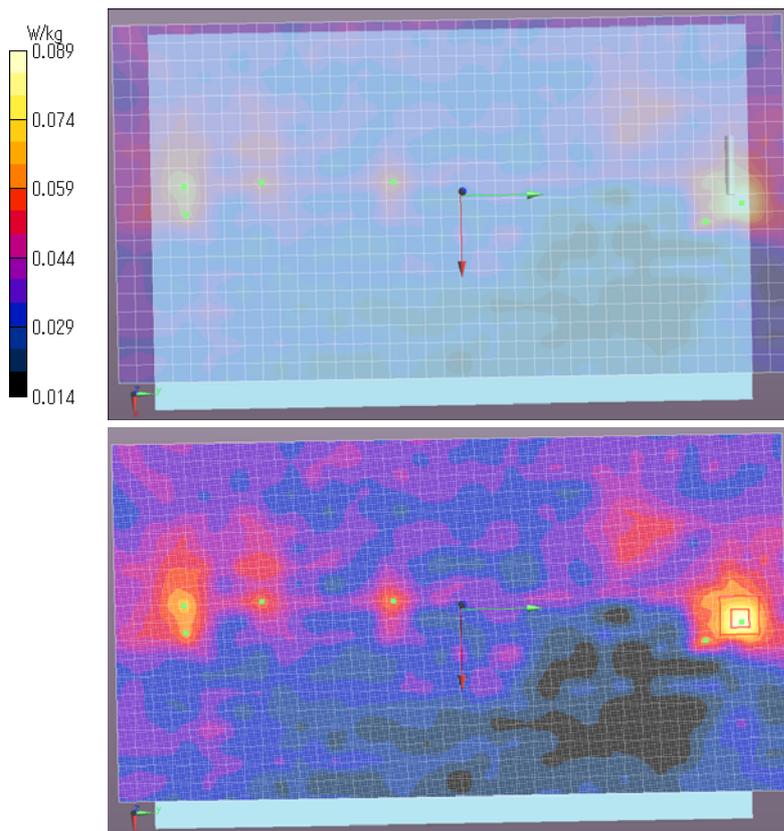
Area Scan:200x370,10 (21x38x1): Measurement grid: $dx=10$ mm, $dy=10$ mm;

Maximum value of SAR (measured) = 0.0815 W/kg

Area Scan:200x370,10 (201x371x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm;

Maximum value of SAR (interpolated) = 0.0893 W/kg

Fast SAR: SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.016 mW/g



(Shown with no transparency of an area scan and a fast SAR.)

Remarks: *. Date tested: 2013/04/23; Tested by: Hiroshi Naka; Tested place: No.7 shielded room,
*. liquid depth: 131mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.5 ± 0.5 deg.C. / 35 ± 5 %RH,
*. liquid temperature: 23.4(start)/23.4(end)/23.9(in check) deg.C.; *. White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

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m58-15(tablet,w58(130423)/(mimo)ant=0&1,Tablet-Bottom-Edge&d=0mm,11n(20HT)(MCS8),m5785(157ch)
Ant.1 worst SAR CH.(11n(20)-MCS8)/Left

Date/Time: 2013/04/23 16:48:15

Communication System: 5GHz-all; Frequency: 5785 MHz; Crest Factor: 1.0
Medium: MSL5800; Medium parameters used: $f = 5785$ MHz; $\sigma = 6.222$ S/m; $\epsilon_r = 46.201$; $\rho = 1000$ kg/m³

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

-Probe: EX3DV4 - SN3679; ConvF(3.87, 3.87, 3.87); Calibrated: 2012/06/21;
-Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0$
-Electronics: DAE4 Sn626; Calibrated: 2013/03/11
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet&laptop,w58(130423)/m58-15,(mimo)ant=0&1,btm-edge&d=0mm,11n20(mcs8),m5785/

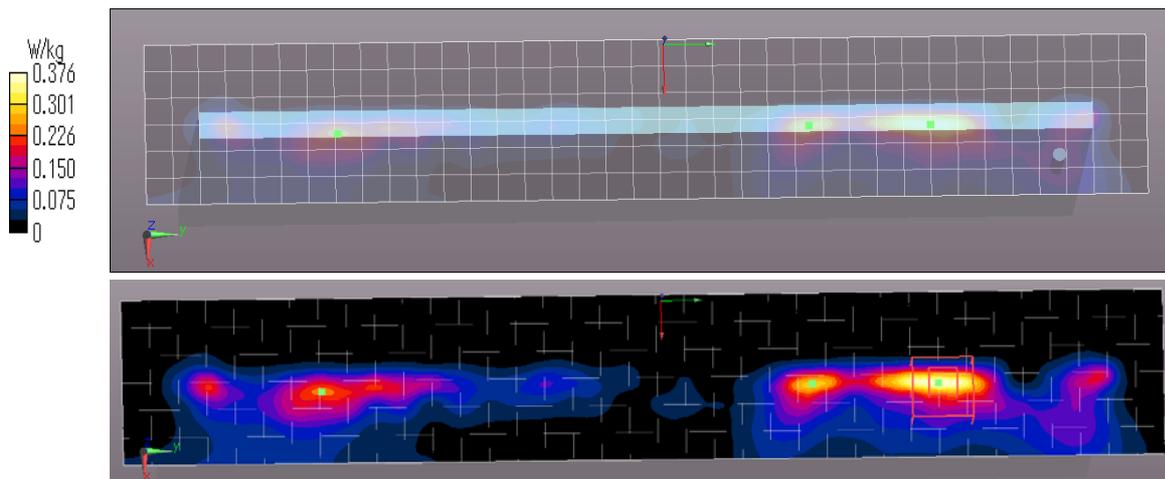
Area Scan:60x370,10 (7x38x1): Measurement grid: $dx=10$ mm, $dy=10$ mm;

Maximum value of SAR (measured) = 0.273 W/kg

Area Scan:60x370,10 (61x371x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm;

Maximum value of SAR (interpolated) = 0.376 W/kg

Fast SAR: SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.044 mW/g



(Shown with no transparency of an area scan and a fast SAR.)

Remarks: *. Date tested: 2013/04/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*.liquid depth: 131mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.5 ± 0.5 deg.C. / 35 ± 5 %RH,
*.liquid temperature: 23.3(start)/23.4(end)/23.9(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

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m58(tablet,w58(130422)/ant=0,tablet-right&d=0mm,11a(6m),m5805(161ch)

Date/Time: 2013/04/22 11:27:02

Communication System: 5GHz-all; Frequency: 5805 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: f = 5805 MHz; $\sigma = 6.277$ S/m; $\epsilon_r = 46.188$; $\rho = 1000$ kg/m³

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: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0
- Electronics: DAE4 Sn626; Calibrated: 2013/03/11
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet,w58(130422)/ant=0,right&d=0mm,11a(6m),m5805/

Area Scan:60x220,10 (7x23x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.50 W/kg

Area Scan:60x220,10 (61x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.91 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: dx=20mm, dy=20mm, dz=5mm

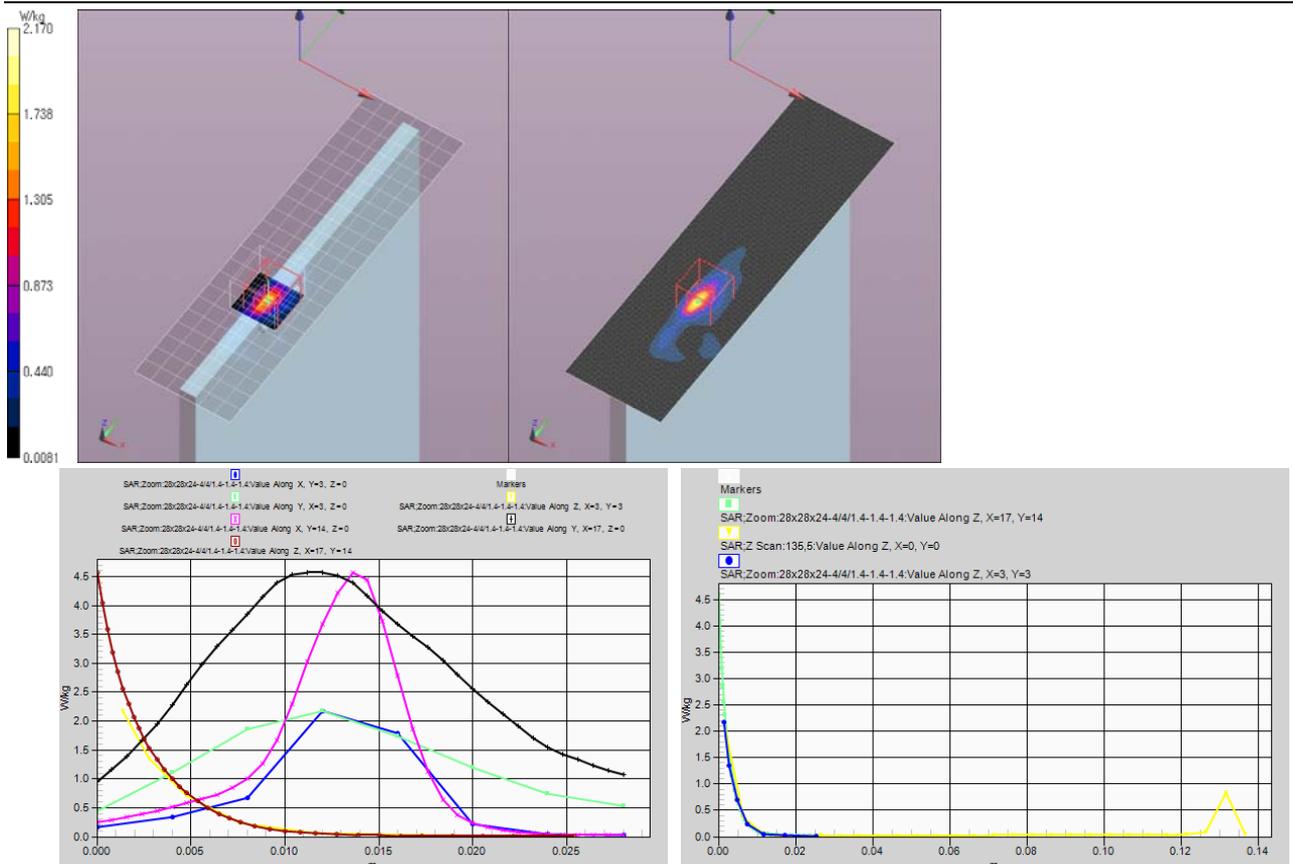
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.577 mW/g; SAR(10 g) = 0.152 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.964 V/m; Power Drift = -0.01 dB, Maximum value of SAR (measured) = 2.17 W/kg

Peak SAR (extrapolated) = 4.578 mW/g

SAR(1 g) = 0.725 mW/g; SAR(10 g) = 0.177 mW/g



Remarks: *. Date tested: 2013/04/22; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
 *. liquid depth: 129mm; Position: distance of dipole to phantom: 8mm (10mm to liquid); ambient: 24.0 deg.C. / 45 %RH,
 *. liquid temperature: 23.5(start)/23.5(end)/23.5(in check) deg.C.; *. White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

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m58(tablet,w58(130422)/(mimo)ant=0&1,tablet-right&d=0mm,11n40(mcs0),m5795(159ch)

Date/Time: 2013/04/22 12:43:05

Communication System: 5GHz-all; Frequency: 5795 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: f = 5795 MHz; $\sigma = 6.235$ S/m; $\epsilon_r = 46.204$; $\rho = 1000$ kg/m³

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: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0
- Electronics: DAE4 Sn626; Calibrated: 2013/03/11
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet,w58(130422)/ant=0,right&d=0mm,11n40(mcs0),m5795/

Area Scan:60x100,10 (7x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.47 W/kg

Area Scan:60x100,10 (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.88 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 2.17 W/kg

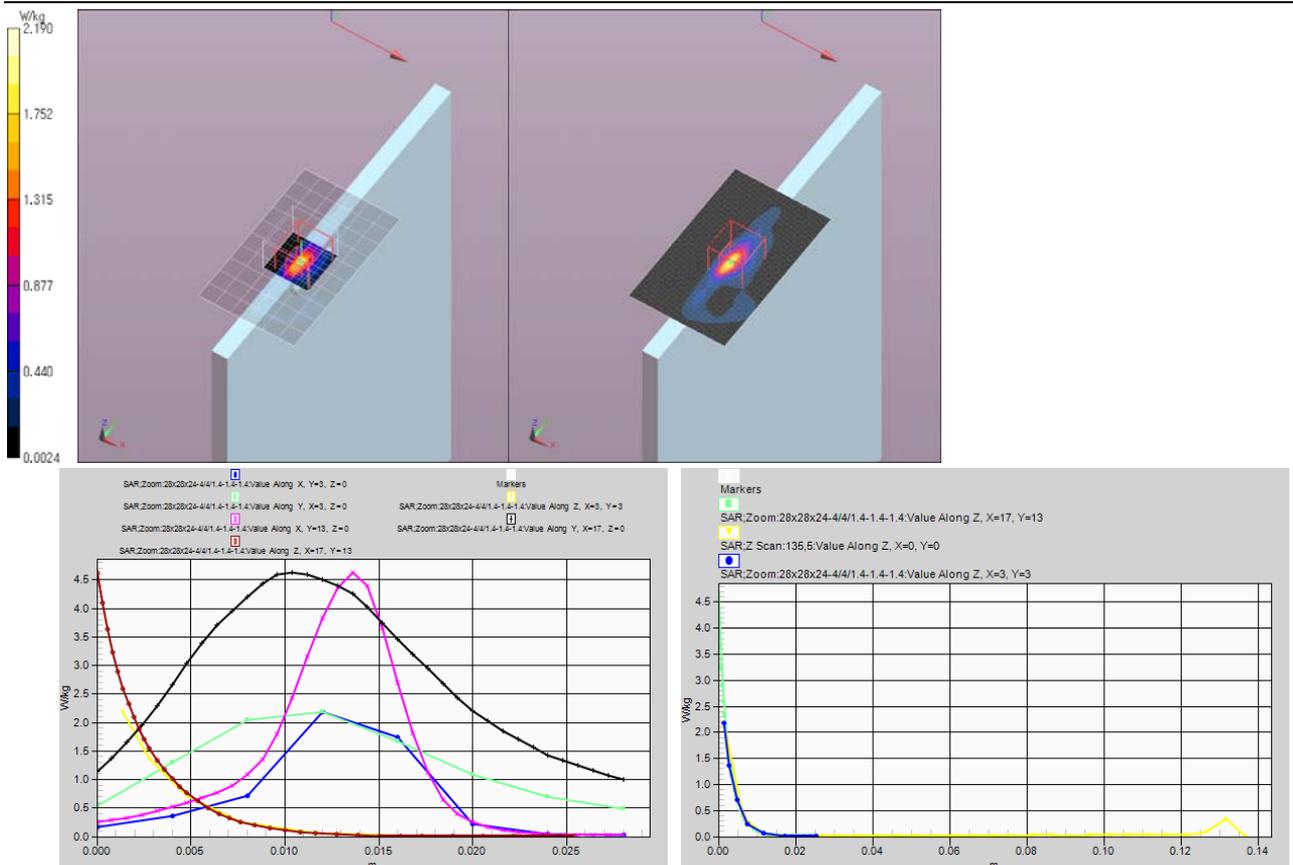
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.566 mW/g; SAR(10 g) = 0.150 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.203 V/m; Power Drift = 0.15 dB, Maximum value of SAR (measured) = 2.19 W/kg

Peak SAR (extrapolated) = 4.636 mW/g

SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.175 mW/g



Remarks: *. Date tested: 2013/04/22; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
 *. liquid depth: 129mm; Position: distance of dipole to phantom: 8mm (10mm to liquid); ambient: 24.0 deg.C. / 45 %RH,
 *. liquid temperature: 23.5(start)23.5(end)23.5(in check) deg.C.; *. White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

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m58(tablet,w58(130422)/(mimo)ant=0&1,tablet-right&d=0mm,11n40(mcs8),m5795(159ch)

Date/Time: 2013/04/22 14:07:42

Communication System: 5GHz-all; Frequency: 5795 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: f = 5795 MHz; $\sigma = 6.235$ S/m; $\epsilon_r = 46.204$; $\rho = 1000$ kg/m³

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: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0
- Electronics: DAE4 Sn626; Calibrated: 2013/03/11
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet,w58(130422)/ant=0&1,right&d=0mm,11n40(mcs8),m5795/

Area Scan:60x220,10 (7x23x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.992 W/kg

Area Scan:60x220,10 (61x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.31 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.53 W/kg

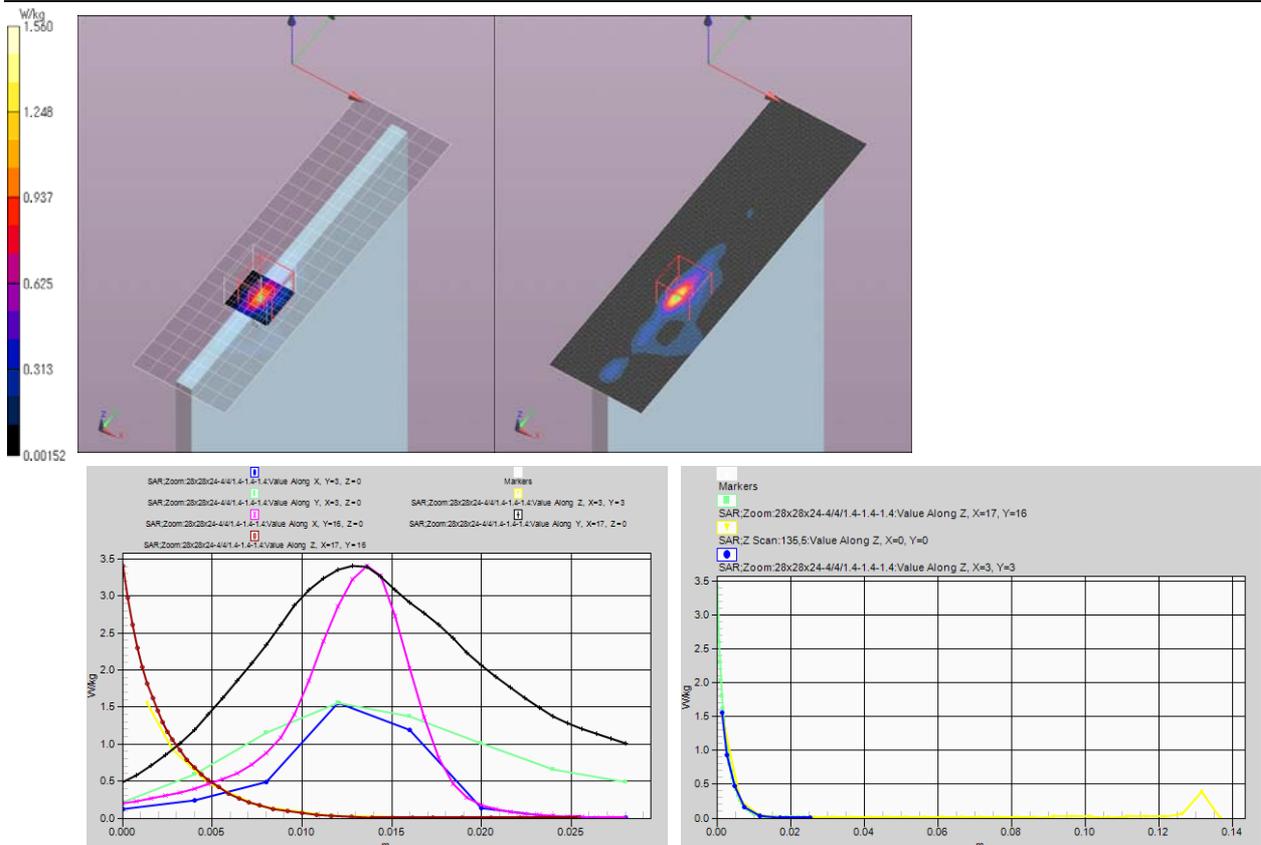
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.107 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.448 V/m; Power Drift = -0.01 dB, Maximum value of SAR (measured) = 1.56 W/kg

Peak SAR (extrapolated) = 3.414 mW/g

SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.121 mW/g



Remarks: *. Date tested: 2013/04/22; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
 *. liquid depth: 129mm; Position: distance of dipole to phantom: 8mm (10mm to liquid); ambient: 24.0 deg.C. / 45 %RH,
 *. liquid temperature: 23.5(start)23.5(end)23.5(in check) deg.C.; *. White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

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m58-10(tablet,w58(130423)/(mimo)ant=1,left&d=0mm,11n20(mcs8),m5785(157ch)

Date/Time: 2013/04/23 11:09:54

Communication System: IEEE 802.11n(20HT)(MCS8, BPSK/OFDM); Frequency: 5785 MHz; Crest Factor: 1.0
Medium: MSL5800; Medium parameters used: $f = 5785$ MHz; $\sigma = 6.118$ mho/m; $\epsilon_r = 46.175$; $\rho = 1000$ kg/m³
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

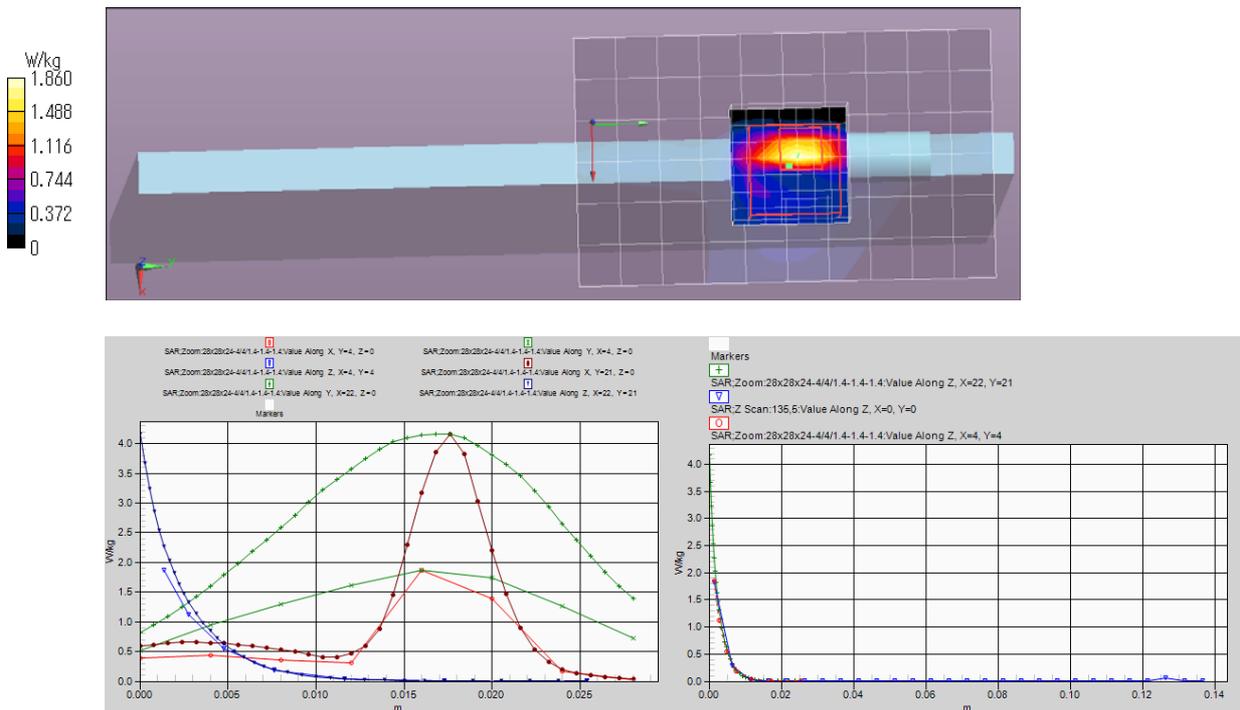
DASY Configuration:

- Probe: EX3DV4 - SN3679; ConvF(3.87, 3.87, 3.87); Calibrated: 2012/06/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0
- Electronics: DAE4 Sn626; Calibrated: 2013/03/11
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet,w58(130423)/m58-10,(mimo,bw:20MHz)ant=1,left&d=0mm,11n20(mcs8),m5785/

- Area Scan:60x100,10 (7x11x1):** Measurement grid: dx=10mm, dy=10mm;
Maximum value of SAR (measured) = 1.70 W/kg
- Area Scan:60x100,10 (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm;
Maximum value of SAR (interpolated) = 1.93 W/kg
- Z Scan:135,5 (1x1x28):** Measurement grid: dx=20mm, dy=20mm, dz=5mm;
Maximum value of SAR (measured) = 1.81 W/kg
- Fast SAR: SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.167 mW/g**

- Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 13.821 V/m; Power Drift = 0.20 dB, Maximum value of SAR (measured) = 1.86 W/kg
Peak SAR (extrapolated) = 4.167 mW/g
SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.164 mW/g



Remarks: * Date tested: 2013/04/23; Tested by: Hiroshi Naka; Tested place: No.7 shielded room,
* liquid depth: 131mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.5 ± 0.5deg.C. / 35 ± 5%RH,
* liquid temperature: 23.2(start)/23.2(end)/23.9(in check) deg.C.; * White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

m58-12(tablet,w58(130423)/(mimo)ant=1,left&d=0mm,11n40(mcs8),m5795(159ch)

Date/Time: 2013/04/23 12:15:03

Communication System: IEEE 802.11n(40HT)(MCS8, BPSK/OFDM); Frequency: 5795 MHz; Crest Factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5795 MHz; $\sigma = 6.155$ S/m; $\epsilon_r = 46.107$; $\rho = 1000$ kg/m³
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: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0
- Electronics: DAE4 Sn626; Calibrated: 2013/03/11
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet,w58(130423)/m58-12,(mimo,bw:40MHz)ant=1,left&d=0mm,11n40(mcs8),m5795/

Area Scan:60x100,10 (7x11x1): Measurement grid: dx=10mm, dy=10mm;
Maximum value of SAR (measured) = 1.46 W/kg

Area Scan:60x100,10 (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm;

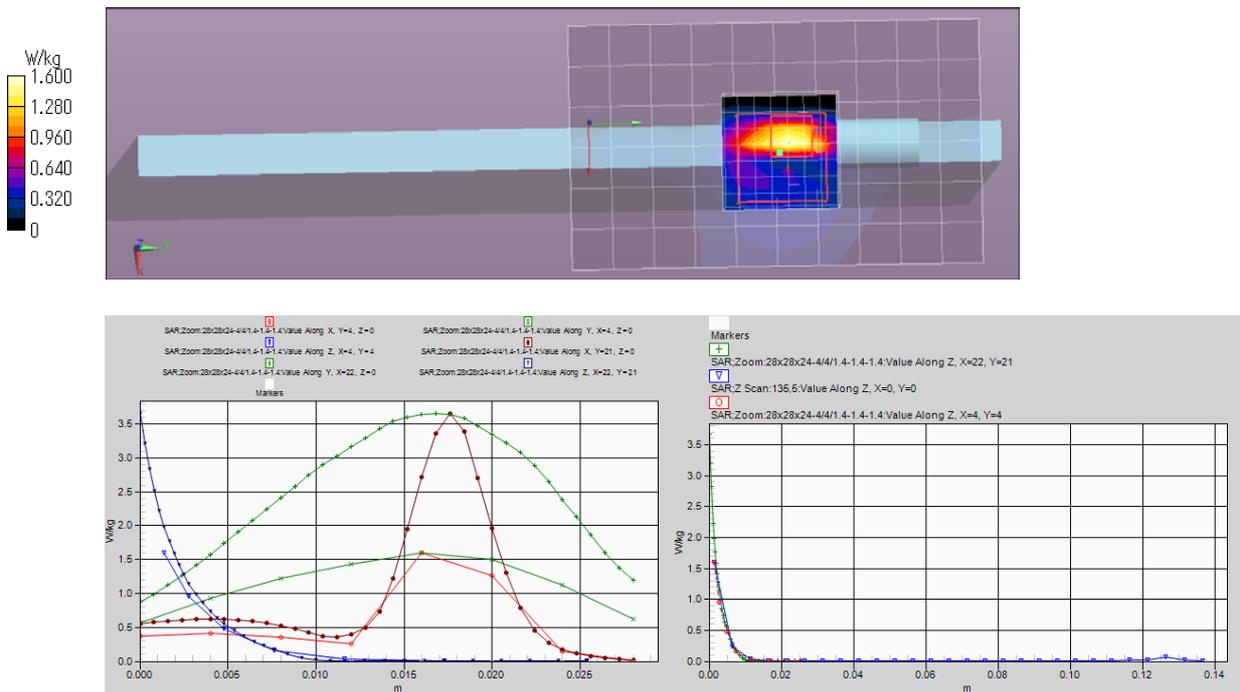
Z Scan:135,5 (1x1x28): Measurement grid: dx=20mm, dy=20mm, dz=5mm;
Maximum value of SAR (measured) = 1.61 W/kg

Fast SAR: SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.154 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 12.472 V/m; Power Drift = 0.05 dB, Maximum value of SAR (measured) = 1.60 W/kg

Peak SAR (extrapolated) = 3.662 mW/g

SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.144 mW/g



Remarks: * . Date tested: 2013/04/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
* .liquid depth: 131mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: 24.5 ± 0.5deg.C. / 35 ± 5 %RH,
* .liquid temperature: 23.2(start)/23.2(end)/23.9(in check) deg.C.; * .White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

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m58(tablet,w58(130422)/ant=0,tablet-right&d=0mm,11a(6m),m5745(149ch)

Date/Time: 2013/04/22 15:32:38

Communication System: 5GHz-all; Frequency: 5745 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: f = 5745 MHz; $\sigma = 6.172$ S/m; $\epsilon_r = 46.33$; $\rho = 1000$ kg/m³

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: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0
- Electronics: DAE4 Sn626; Calibrated: 2013/03/11
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet,w58(130422)/ant=0,right&d=0mm,11a(6m),m5745/

Area Scan:60x100,10 (7x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.44 W/kg

Area Scan:60x100,10 (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.86 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: dx=20mm, dy=20mm, dz=5mm

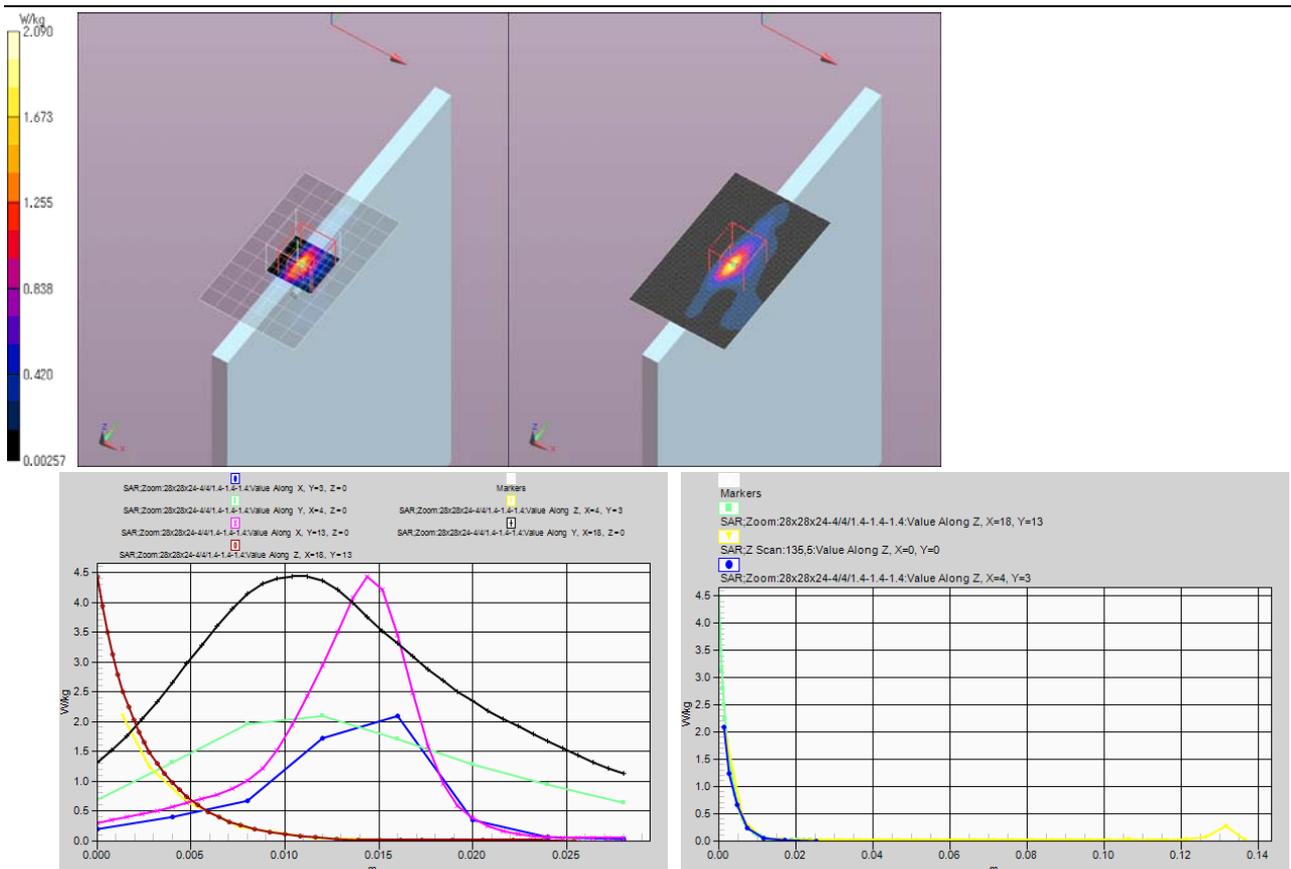
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.556 mW/g; SAR(10 g) = 0.151 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.345 V/m; Power Drift = 0.01 dB, Maximum value of SAR (measured) = 2.09 W/kg

Peak SAR (extrapolated) = 4.443 mW/g

SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.173 mW/g



Remarks: * Date tested: 2013/04/22; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
 * liquid depth: 129mm; Position: distance of dipole to phantom: 8mm (10mm to liquid); ambient: 24.0 deg.C. / 45 %RH,
 * liquid temperature: 23.5(start)/23.5(end)/23.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

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m58(tablet,w58(130422) /ant=0,tablet-right&d=0mm,11a(6m),m5785(157ch)

Date/Time: 2013/04/22 15:00:38

Communication System: 5GHz-all; Frequency: 5785 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: f = 5785 MHz; $\sigma = 6.222$ S/m; $\epsilon_r = 46.201$; $\rho = 1000$ kg/m³

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: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0

-Electronics: DAE4 Sn626; Calibrated: 2013/03/11

-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

-DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet,w58(130422)/ant=0,right&d=0mm,11a(6m),m5785/

Area Scan:60x100,10 (7x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.50 W/kg

Area Scan:60x100,10 (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.02 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 2.24 W/kg

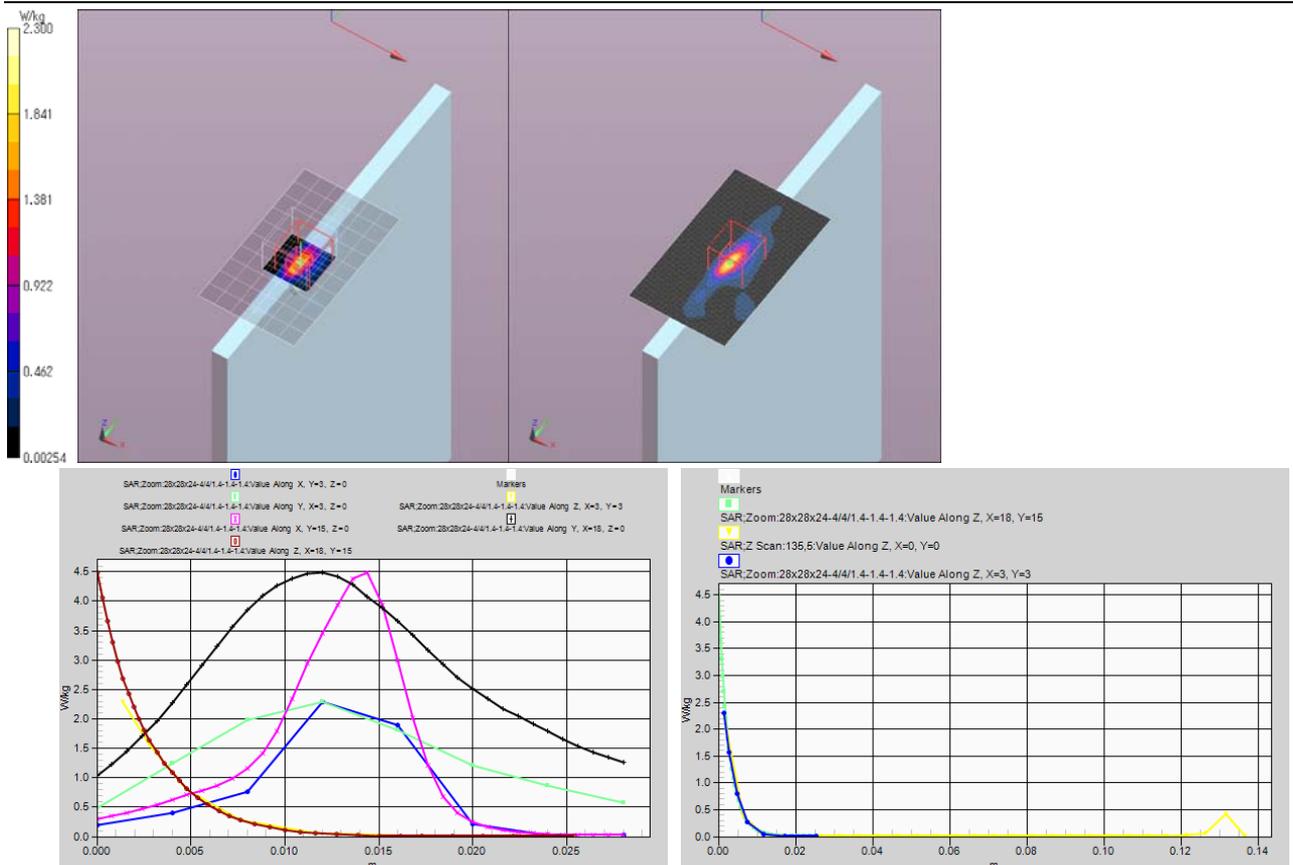
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.155 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 23.261 V/m; Power Drift = -0.15 dB, Maximum value of SAR (measured) = 2.30 W/kg

Peak SAR (extrapolated) = 4.496 mW/g

SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.182 mW/g



Remarks: *. Date tested: 2013/04/22; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
*. liquid depth: 129mm; Position: distance of dipole to phantom: 8mm (10mm to liquid); ambient: 24.0 deg.C. / 45 %RH,
*. liquid temperature: 23.5(start)23.5(end)23.5(in check) deg.C.; *. White cubic: zoom scan area, Red cubic: big=SAR(10g) /small=SAR(1g)

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m58(tablet,w58(130422) /ant=0,tablet-right&d=0mm,11a(6m),m5755(151ch)

Date/Time: 2013/04/22 16:09:51

Communication System: 5GHz-all; Frequency: 5755 MHz; Crest Factor: 1.0

Medium: MSL5800; Medium parameters used: f = 5755 MHz; $\sigma = 6.196$ S/m; $\epsilon_r = 46.343$; $\rho = 1000$ kg/m³

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: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0
- Electronics: DAE4 Sn626; Calibrated: 2013/03/11
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet,w58(130422)/ant=0,right&d=0mm,11n40(mcs0),m5755/

Area Scan:60x100,10 (7x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.28 W/kg

Area Scan:60x100,10 (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.69 W/kg

Z Scan:135,5 (1x1x28): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.92 W/kg

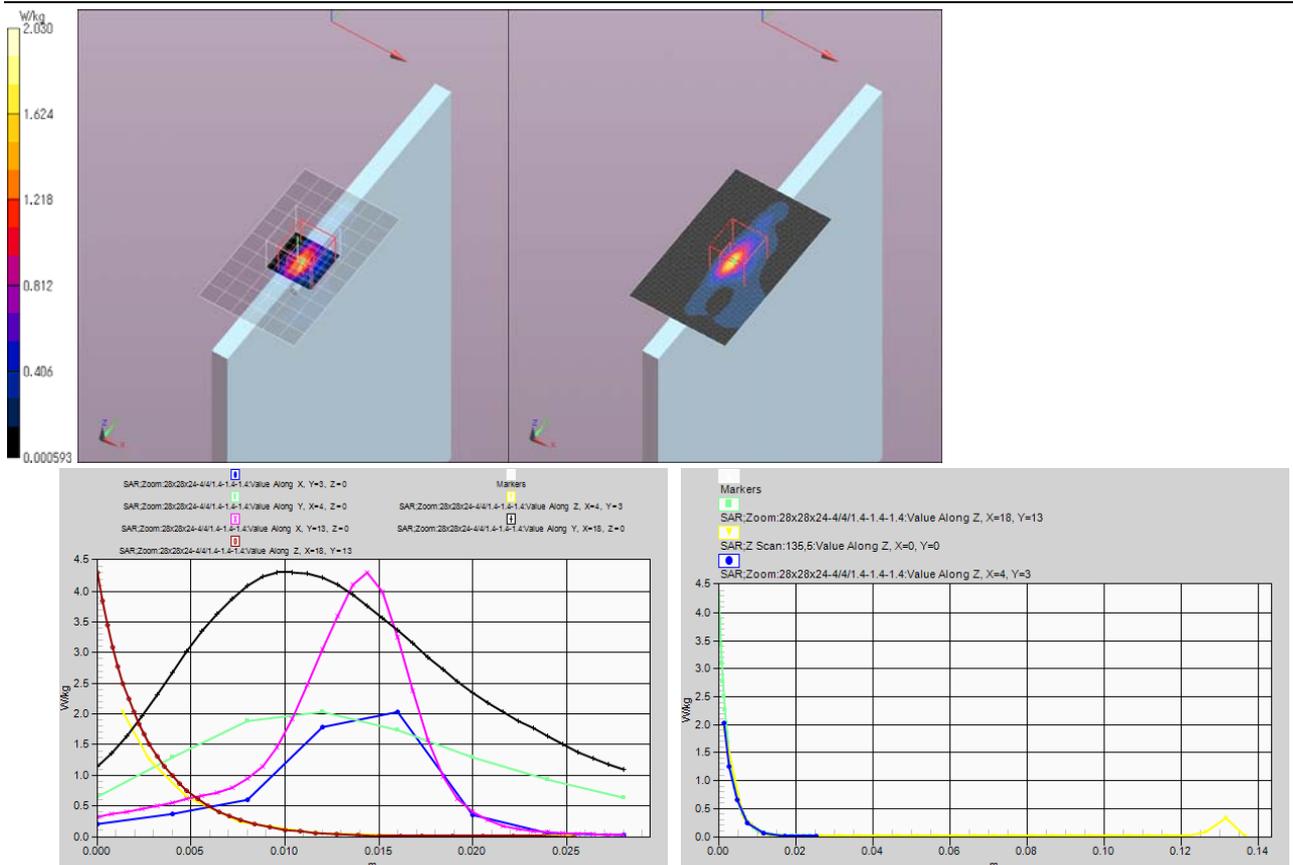
Fast SAR(*.Polynomial fit): SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.144 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.519 V/m; Power Drift = 0.07 dB, Maximum value of SAR (measured) = 2.03 W/kg

Peak SAR (extrapolated) = 4.314 mW/g

SAR(1 g) = 0.716 mW/g; SAR(10 g) = 0.173 mW/g



Remarks: *. Date tested: 2013/04/22; Tested by: Tomochika Sato; Tested place: No.7 shielded room,
 *. liquid depth: 129mm; Position: distance of dipole to phantom: 8mm (10mm to liquid); ambient: 24.0 deg.C. / 45 %RH,
 *. liquid temperature: 23.5(start)23.5(end)23.5(in check) deg.C.; *. White cubic: zoom scan area, Red cubic: big=SAR(10g) /small=SAR(1g)

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m58-9(tablet,w58(130423)/(mimo)ant=1,left&d=0mm,11n20(mcs8),m5765(153ch)

Date/Time: 2013/04/23 10:21:01

Communication System: IEEE 802.11a(6Mbps, BPSK/OFDM); Frequency: 5765 MHz; Crest Factor: 1.0
Medium: MSL5800; Medium parameters used: $f = 5765$ MHz; $\sigma = 6.104$ S/m; $\epsilon_r = 46.255$; $\rho = 1000$ kg/m³
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: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0
- Electronics: DAE4 Sn626; Calibrated: 2013/03/11
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet,w58(130423)/m58-9,(mimo,bw:20MHz)ant=1,left&d=0mm,11n20(mcs0),m5765/

Area Scan:60x220,10 (7x23x1): Measurement grid: dx=10mm, dy=10mm;
Maximum value of SAR (measured) = 1.69 W/kg

Area Scan:60x220,10 (61x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm;
Maximum value of SAR (interpolated) = 1.96 W/kg

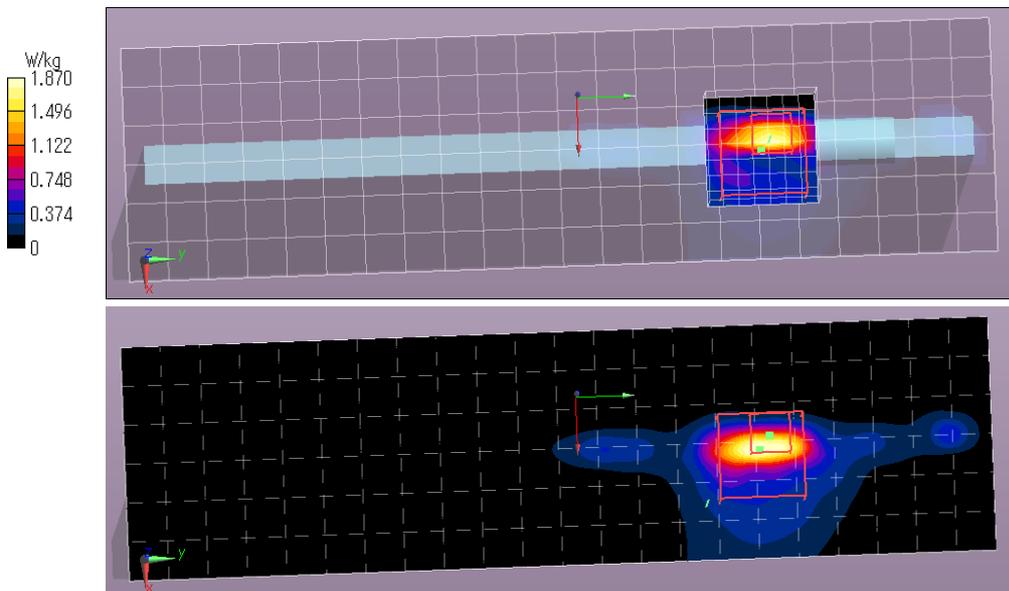
Z Scan:135,5 (1x1x28): Measurement grid: dx=20mm, dy=20mm, dz=5mm;
Maximum value of SAR (measured) = 1.88 W/kg

Fast SAR: SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.180 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 13.653 V/m; Power Drift = -0.05 dB, Maximum value of SAR (measured) = 1.87 W/kg

Peak SAR (extrapolated) = 4.289 mW/g

SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.165 mW/g



(Shown with no transparency of an area scan and a fast SAR.)

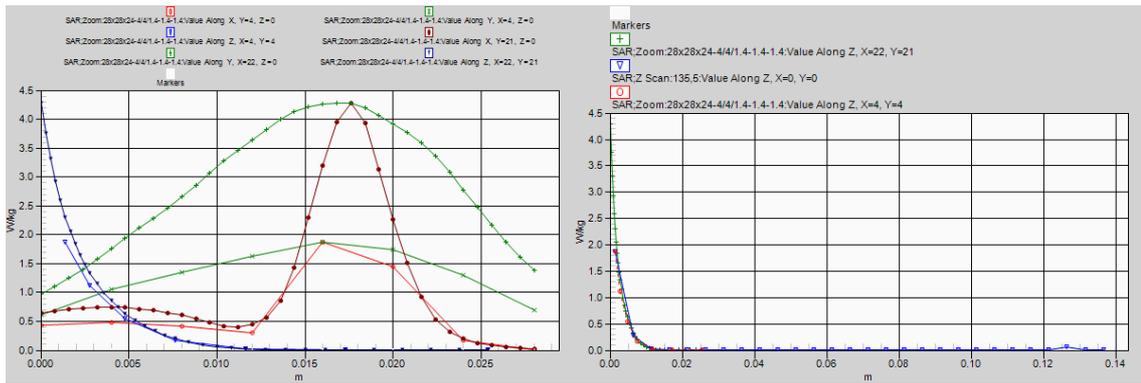
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Remarks: *. Date tested: 2013/04/23; Tested by: Hiroshi Naka; Tested place: No.7 shielded room,
 *. liquid depth: 131mm; Position: distance of EUT to phantom: 0mm (2mm to liquid); ambient: $24.5 \pm 0.5 \text{ deg.C.} / 35 \pm 5 \% \text{ RH}$,
 *. liquid temperature: 22.8(start)/23.1(end)/23.9(in check) deg.C.; *. White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

m58-11(tablet,w58(130423)/(mimo)ant=1,left&d=0mm,11n20(mcs8),m5805(161ch)

Date/Time: 2013/04/23 11:40:45

Communication System: IEEE 802.11n(20HT)(MCS8, BPSK/OFDM); Frequency: 5805 MHz; Crest Factor: 1.0
Medium: MSL5800; Medium parameters used: f = 5805 MHz; $\sigma = 6.17$ S/m; $\epsilon_r = 46.161$; $\rho = 1000$ kg/m³
 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: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 136.0
- Electronics: DAE4 Sn626; Calibrated: 2013/03/11
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

tablet,w58(130423)/m58-11,(mimo,bw:20MHz)ant=1,left&d=0mm,11n20(mcs8),m5805/

Area Scan:60x100,10 (7x11x1): Measurement grid: dx=10mm, dy=10mm;
 Maximum value of SAR (measured) = 1.74 W/kg

Area Scan:60x100,10 (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm;
 Maximum value of SAR (interpolated) = 1.98 W/kg

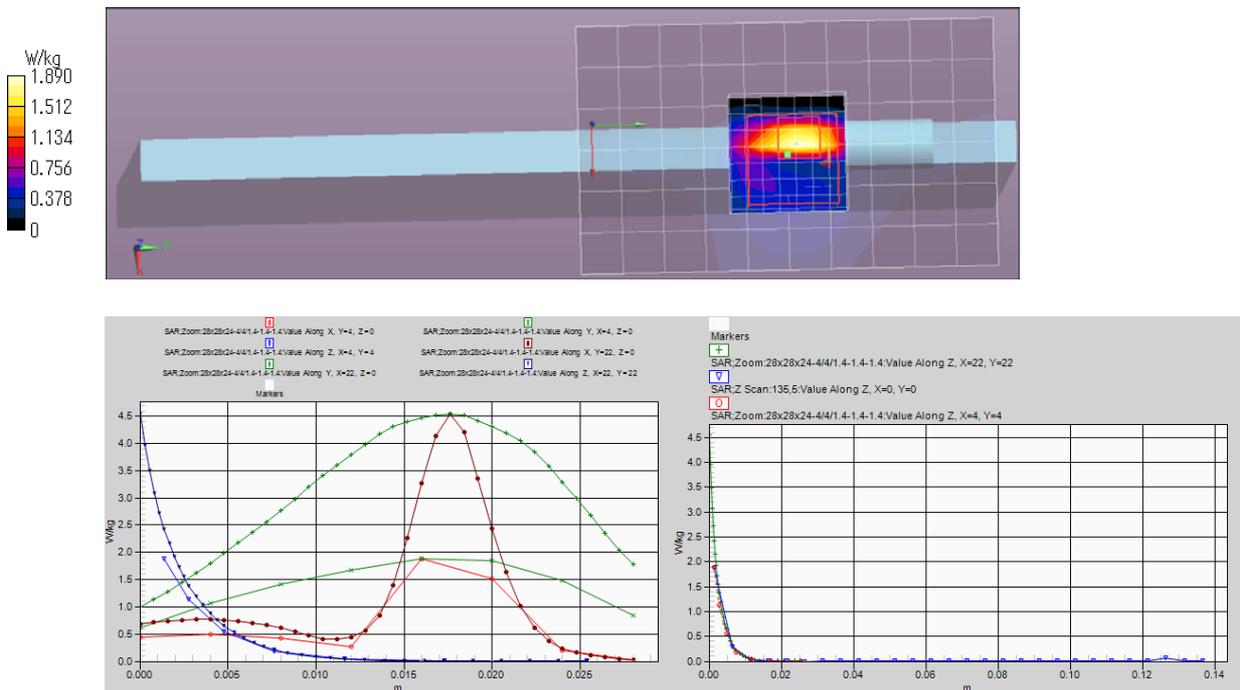
Z Scan:135,5 (1x1x28): Measurement grid: dx=20mm, dy=20mm, dz=5mm;
 Maximum value of SAR (measured) = 1.88 W/kg

Fast SAR: SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.179 mW/g

Zoom:28x28x24-4/4/1.4-1.4-1.4 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
 Reference Value = 13.555 V/m; Power Drift = 0.05 dB, Maximum value of SAR (measured) = 1.89 W/kg

Peak SAR (extrapolated) = 4.546 mW/g

SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.174 mW/g



Remarks: * . Date tested: 2013/04/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
 * .liquid depth: 131mm; Position: distance of EUT to phantom: 0mm(2mm to liquid); ambient: 24.5 ± 0.5deg.C. / 35 ± 5 %RH,
 * .liquid temperature: 23.2(start)/23.2(end)/23.9(in check) deg.C.; * .White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

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