APPENDIX 2: SAR Measurement data

Appendix 2-1: Evaluation procedure

The SAR evaluation was performed with the following procedure:

Step 1: Measurement of the E-field at a fixed location above the central position of flat phantom was used as a reference value for assessing the power drop.

Step 2: The SAR distribution at the exposed side of head or body position was measured at a distance of each device from the inner surface of the shell. The area covered the entire dimension of the antenna of EUT and suitable horizontal grid spacing of EUT. Based on these data, the area of the maximum absorption was determined by splines interpolation.

Step 3: Around this point found in the Step 2 (area scan), a volume of more than or equal to 30mm(X axis)×30mm(Y axis)×30mm(Z axis) was assessed by measuring 7×7×7 points (or more) under 3GHz and a volume of more than or equal to 28mm(X axis)×28mm(Y axis)×24mm (Z axis) was assessed by measuring 8×8×7 (ratio step method (*1)) points (or more) for 3-6GHz frequency band.
Any additional peaks found in the Step2 which are within 2dB of limit are repeated with this Step3 (Zoom scan).
On the basis of this data set, the spatial peak SAR value was evaluated under the following procedure:

(1) The data at the surface were extrapolated, since the center of the dipoles is 1mm away from the tip of the probe and the distance between the surface and the lowest measuring point is 2mm. The extrapolation was based on a least square algorithm. A polynomial of the fourth order was calculated through the points in z-axes. This polynomial was then used to evaluate the points between the surface and the probe tip.

(2) The maximum interpolated value was searched with a straightforward algorithm. Around this maximum the SAR values averaged over the spatial volumes (1g or 10g) were computed by the 3D-Spline interpolation algorithm. The 3D-Spline is composed of three one-dimensional splines with the "Not a knot"-condition (in x, y and z-directions). The volume was integrated with the trapezoidal-algorithm. One thousand points (10×10×10) were interpolated to calculate the average.

(3) All neighboring volumes were evaluated until no neighboring volume with a higher average value was found.

Step 4: Re-measurement of the E-field at the same location as in Step 1 for the assessment of the power drift.

Step 5: Repeat Step 1-Step 4 with other condition or/and setup of EUT.

*1. Ratio step method parameters used; the first measurement point: "1.4mm" from the phantom surface, the initial grid separation: "1.4mm", subsequent graded grid ratio: "1.4". These parameters comply with the requirement of the KDB 865664 D01 (v01r04) and recommended by Schmid & Partner Engineering AG (DASY5 manual).

Appendix 2-2: Measurement data

SAR test data plot of worst reported SAR (1g) (2.4GHz band)

Plot 1-1: (Body) Antenna Main; Long side-main & touch, 11b (1Mbps), 2412 MHz

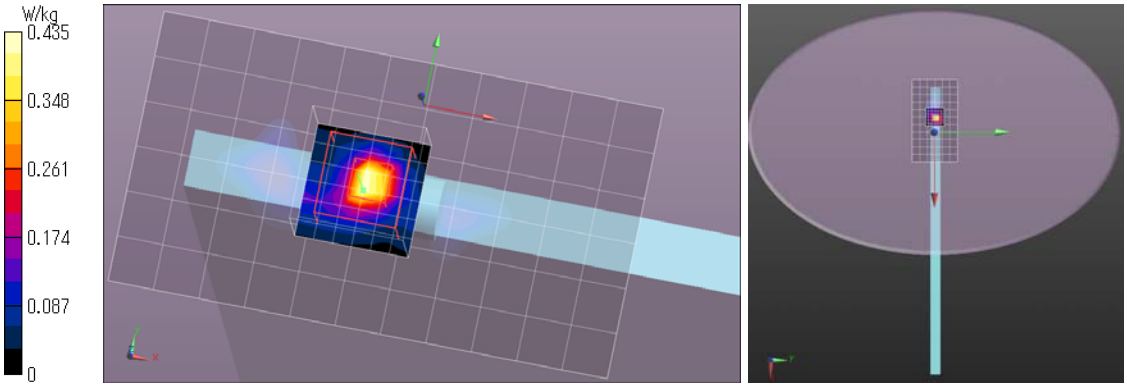
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

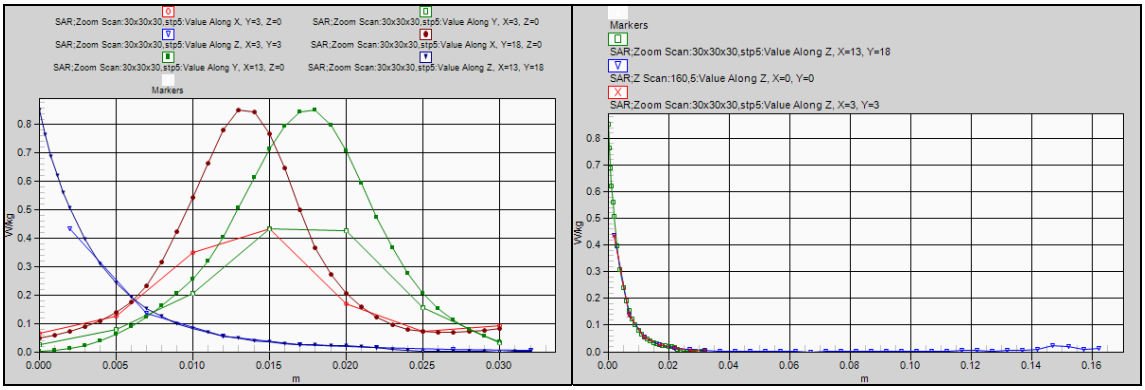
Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2412 MHz; Crest Factor: 1.0**
Medium: M2450(1607); Medium parameters used: f = 2412 MHz; σ = 1.927 S/m; ε_r = 51.04; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.16, 7.16, 7.16); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0, 161.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

body-touch,ant-main(chain0)/b1,DSSS;ant0,side&touch(d0mm),b(1m,set:13),b2412/
Area Scan:132x72,stp12 (12x7x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.439 W/kg
Area Scan:132x72,stp12 (111x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.439 W/kg
Z Scan:160,5 (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.436 W/kg

Zoom Scan:30x30x30,stp5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 15.37 V/m; Power Drift = -0.12 dB; Maximum value of SAR (measured) = 0.435 W/kg; Peak SAR (extrapolated) = 0.851 W/kg
SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.073 W/kg





Remarks: *. Date tested: 2016/07/26; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 23.5± 1 deg.C. / 45 ± 10 %RH,
*. liquid temperature: 22.7(start)/22.7(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: Measurement data (cont'd)

SAR test data plot of worst reported SAR (1g) (2.4GHz band)

Plot 1-2: (Body) Antenna Sub; Short side-sub & touch, 11b (1Mbps), 2412 MHz

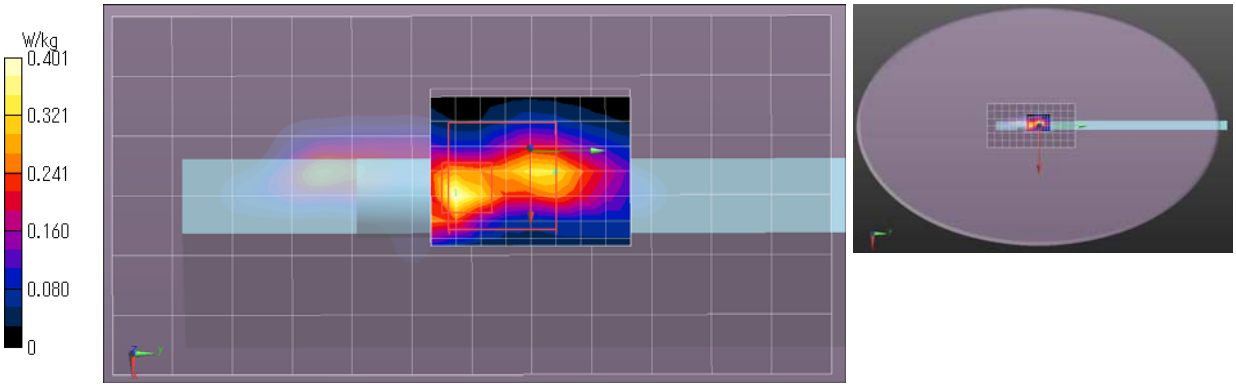
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

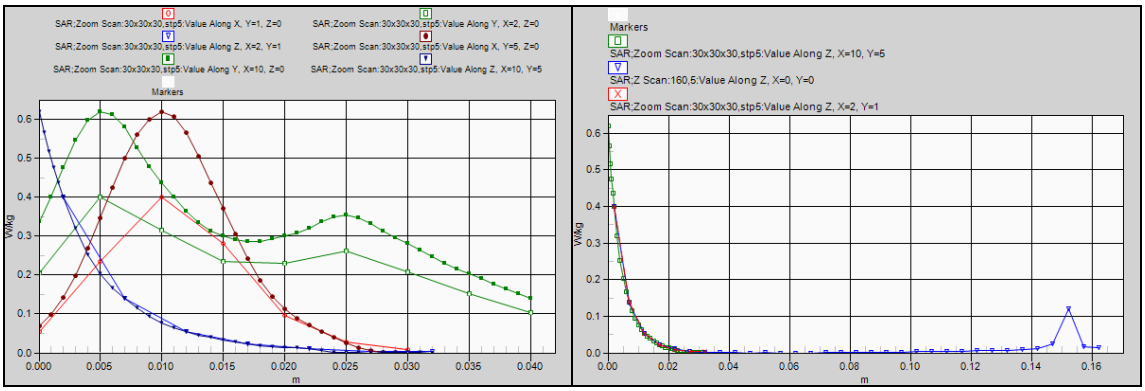
Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2412 MHz; Crest Factor: 1.0**
Medium: M2450(1607); Medium parameters used: f = 2412 MHz; σ = 1.927 S/m; ε_r = 51.04; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.16, 7.16, 7.16); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0, 161.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

body-touch,ant-sub(chain1)/b6,DSSS;ant0,side&touch(d0mm),b(1m,set:13),b2412/
Area Scan:72x144,stp12 (7x13x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.356 W/kg
Area Scan:72x144,stp12 (61x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.547 W/kg
Z Scan:160,5 (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.400 W/kg

Zoom Scan:30x30x30,stp5 (7x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 13.36 V/m; Power Drift = -0.17 dB; Maximum value of SAR (measured) = 0.401 W/kg; Peak SAR (extrapolated) = 0.619 W/kg
SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.085 W/kg





Remarks: *. Date tested: 2016/07/26; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 23.5± 1 deg.C. / 45 ± 10 %RH,
*. liquid temperature: 22.6(start)/22.5(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: Measurement data (cont'd)

SAR test data plot of worst reported SAR (1g) (2.4GHz band)

Plot 2-1: (Head) Antenna Main; Long side-main & touch, 11b (1Mbps), 2412 MHz

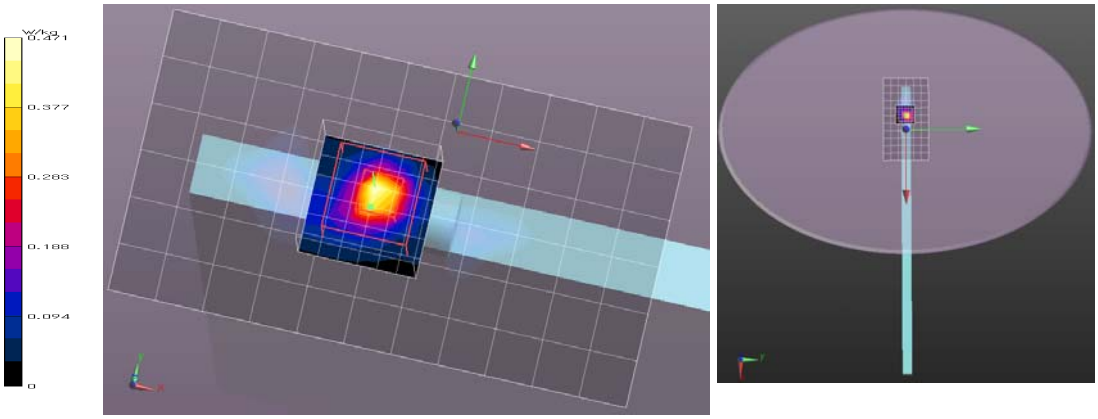
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

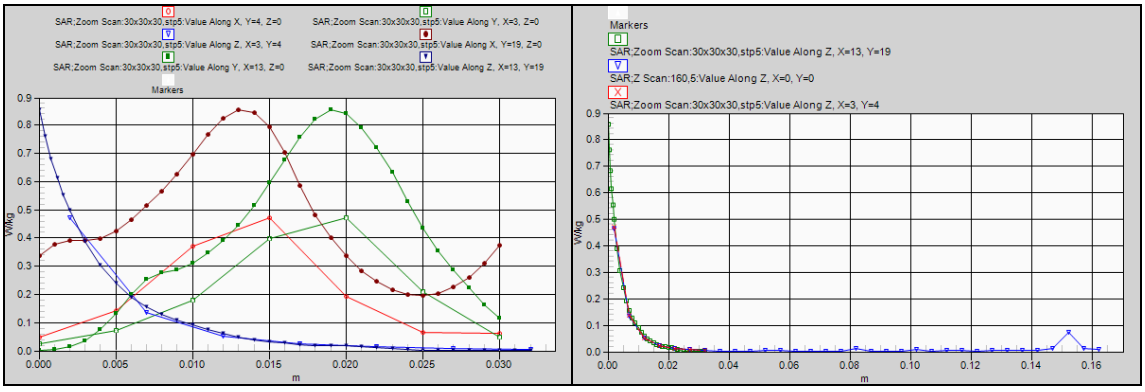
Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2412 MHz; Crest Factor: 1.0**
Medium: HSL2450(1607); Medium parameters used: f = 2412 MHz; σ = 1.816 S/m; ε_r = 38.38; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.22, 7.22, 7.22); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0, 161.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

head-touch,ant-main(chain0)/h1,DSSS;ant0,side&touch(d0mm),b(1m,set:13),h2412/
Area Scan:132x72,stp12 (12x7x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.480 W/kg
Area Scan:132x72,stp12 (111x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.490 W/kg
Z Scan:160,5 (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.463 W/kg

Zoom Scan:30x30x30,stp5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 15.09 V/m; Power Drift = -0.13 dB; Maximum value of SAR (measured) = 0.471 W/kg; Peak SAR (extrapolated) = 0.854 W/kg
SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.072 W/kg





Remarks: *. Date tested: 2016/07/25; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.7(start)/23.7(end)/23.8(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: Measurement data (cont'd)

SAR test data plot of worst reported SAR (1g) (2.4GHz band)

Plot 2-2: (Head) Antenna Sub; Short side-sub & touch, 11b (1Mbps), 2412 MHz

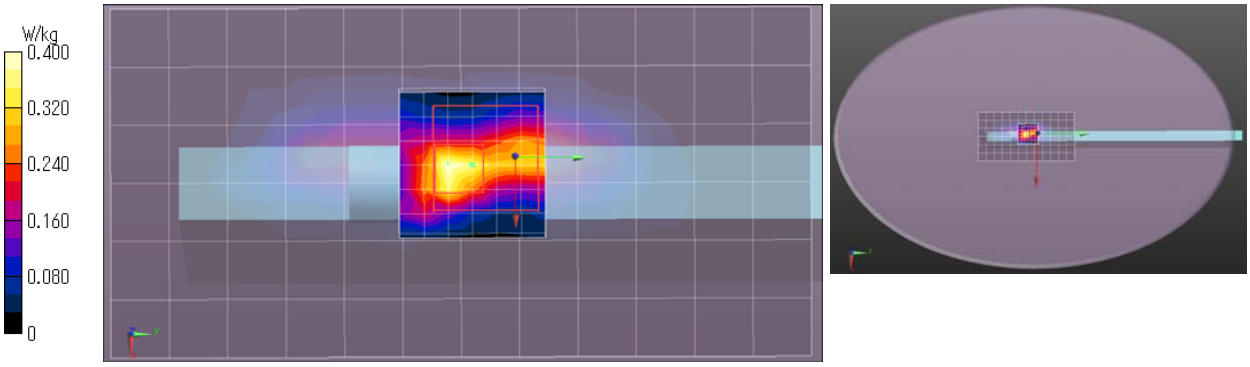
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

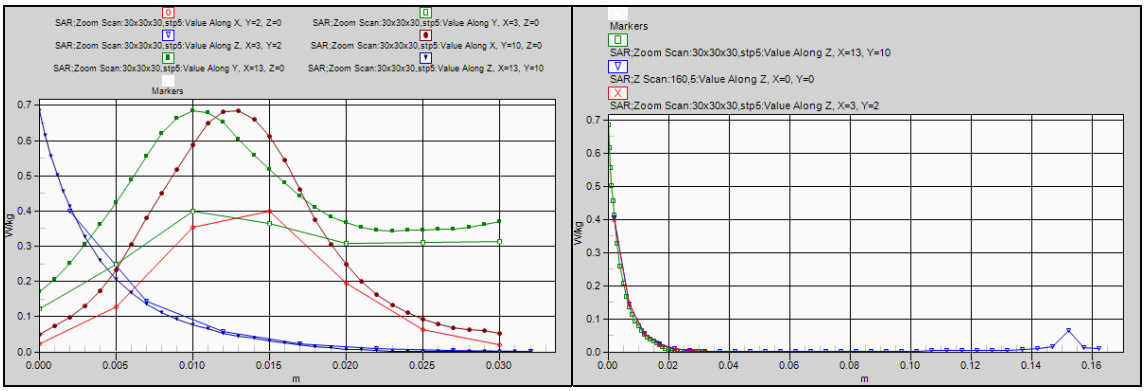
Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2412 MHz; Crest Factor: 1.0**
Medium: HSL2450(1607); Medium parameters used: f = 2412 MHz; σ = 1.816 S/m; ε_r = 38.38; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.22, 7.22, 7.22); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0, 161.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

head-touch,ant-sub(chain1)/h10,DSSS;ant0,side&touch(d0mm),b(1m,set:13),h2412/
Area Scan:72x144,stp12 (7x13x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.368 W/kg
Area Scan:72x144,stp12 (61x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.538 W/kg
Z Scan:160,5 (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.405 W/kg

Zoom Scan:30x30x30,stp5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 14.36 V/m; Power Drift = -0.06 dB; Maximum value of SAR (measured) = 0.400 W/kg; Peak SAR (extrapolated) = 0.684 W/kg
SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.086 W/kg





Remarks: *. Date tested: 2016/07/25; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.6(start)/23.6(end)/23.8(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: Measurement data (cont'd)

SAR test data plot of worst reported SAR (1g) (5GHz band)

Plot 3-1: (W52/53-Body) Antenna Main; Long side-main & touch, 11a (6Mbps), 5260 MHz

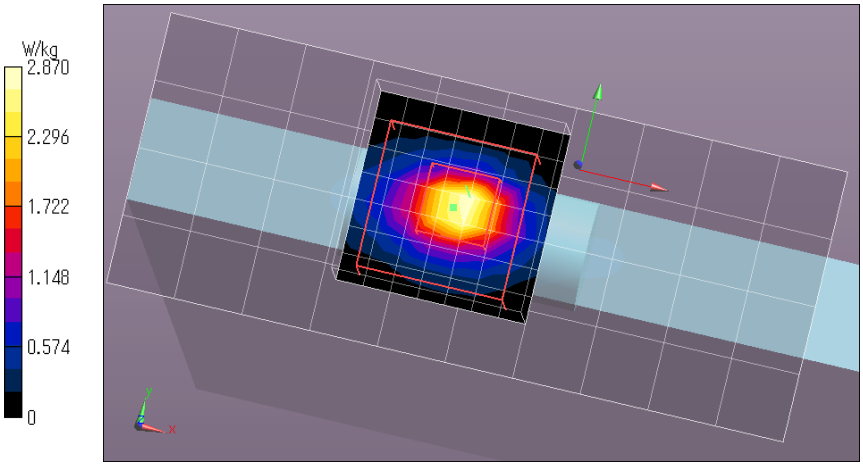
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

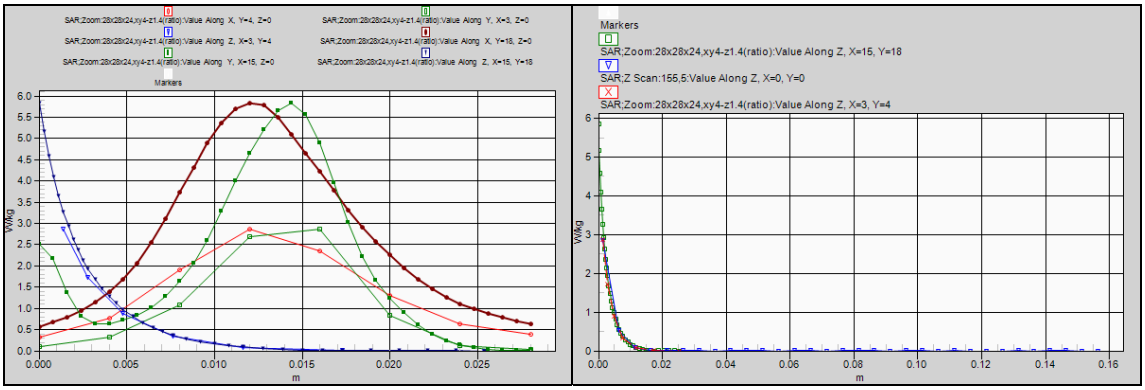
Mode: 11a(6Mbps,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5260 MHz; Crest Factor: 1.0**
Medium: MSL5800(1607); Medium parameters used: f = 5260 MHz; σ = 5.416 S/m; ε_r = 47.28; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.37, 4.37, 4.37); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

body-touch,w53,ant-main(chain0)/5g44&w53b6,ant0,side&d0,a(6m,p12),b5260/
Area Scan:100x40,stp10 (11x5x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 2.38 W/kg
Area Scan:100x40,stp10 (101x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 2.99 W/kg
Z Scan:155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 2.84 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 26.94 V/m; Power Drift = -0.07 dB; Maximum value of SAR (measured) = 2.87 W/kg; Peak SAR (extrapolated) = 5.84 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.220 W/kg





Remarks: *. Date tested: 2016/07/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 152 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.6(start)/23.5(end)/23.7(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: Measurement data (cont'd)

SAR test data plot of worst reported SAR (1g) (5GHz band)

Plot 3-2: (W52/53-Body) Antenna Sub; Short side-sub & touch, 11a (6Mbps), 5260 MHz

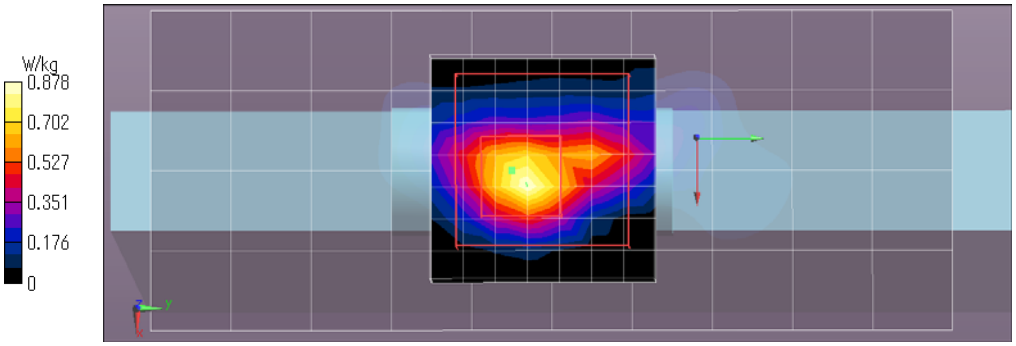
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

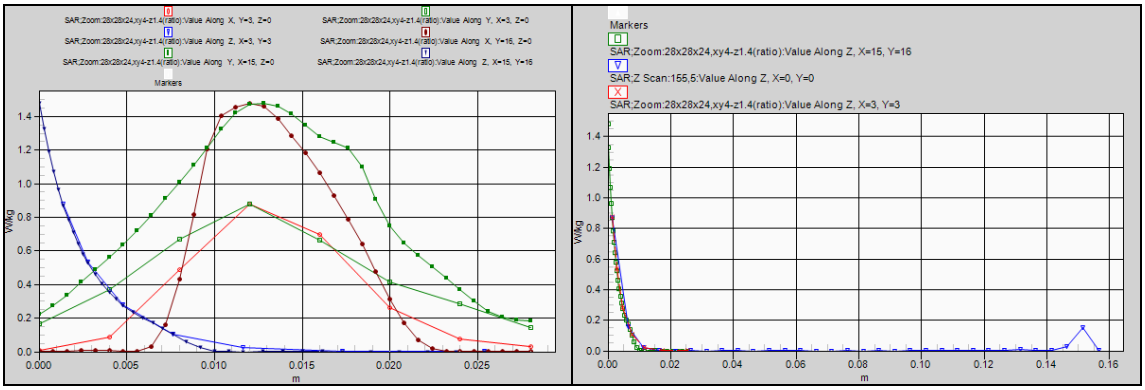
Mode: 11a(6Mbps,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5260 MHz; Crest Factor: 1.0**
Medium: MSL5800(1607); Medium parameters used: f = 5260 MHz; σ = 5.416 S/m; ε_r = 47.28; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.37, 4.37, 4.37); Calibrated: 2016/05/12; -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

body-touch,w53,ant-sub(chain1)/5g54w53b16,ant1,side&d0,a(6m,p13),b5260/
Area Scan:40x100,stp10 (5x11x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.706 W/kg
Area Scan:40x100,stp10 (41x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.801 W/kg
Z Scan:155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.872 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 13.76 V/m; Power Drift = -0.04 dB; Maximum value of SAR (measured) = 0.878 W/kg; Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.070 W/kg





Remarks: *. Date tested: 2016/07/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 152 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.7(start)/23.7(end)/23.7(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: Measurement data (cont'd)

SAR test data plot of worst reported SAR (1g) (5GHz band)

Plot 4-1: (W56-Body) Antenna Main; Long side-main & touch, 11n(20HT)(MCS0), 5700 MHz

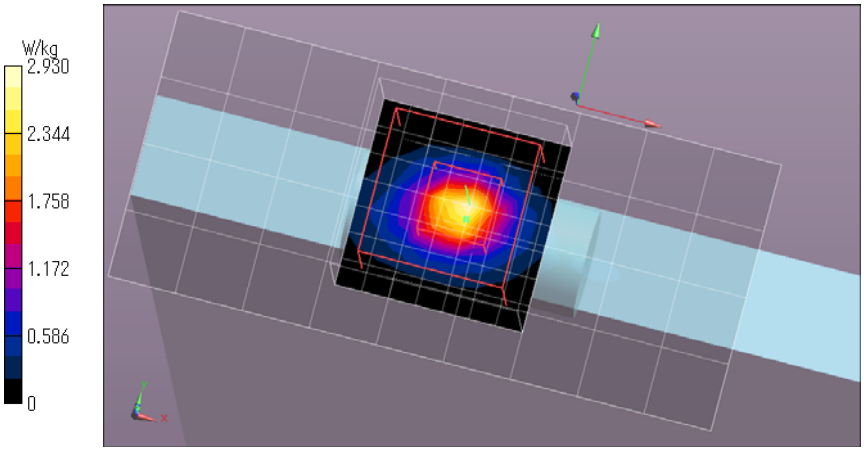
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

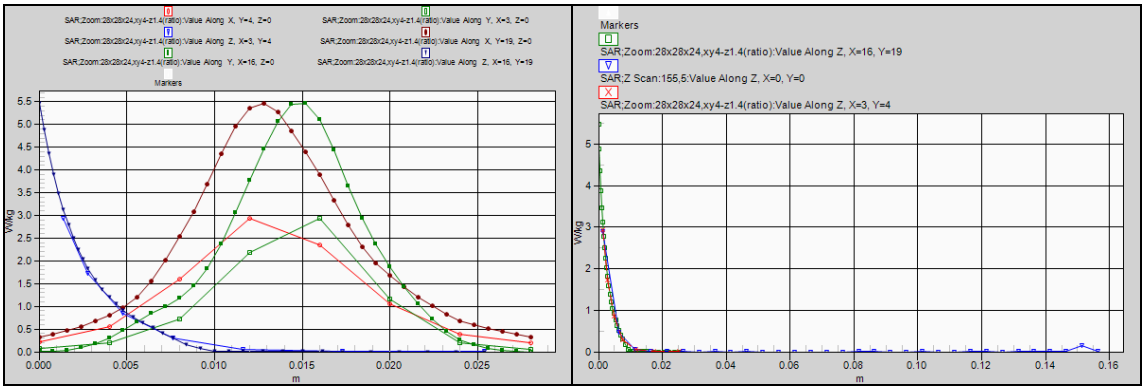
Mode: n20(MCS0,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5700 MHz; Crest Factor: 1.0**
Medium: MSL5800(1607); Medium parameters used: f = 5700 MHz; σ = 6.035 S/m; ε_r = 46.86; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(3.65, 3.65, 3.65); Calibrated: 2016/05/12; -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

body-touch,w56,ant-main(chain0)/5g13&w56b13,ant0,CH/mode3;side&d0,n20(m0,p12),b5700/
Area Scan:90x40,stp10 (10x5x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 2.07 W/kg
Area Scan:90x40,stp10 (91x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 2.22 W/kg
Z Scan:155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 2.91 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 25.39 V/m; Power Drift = 0.02 dB; Maximum value of SAR (measured) = 2.93 W/kg; Peak SAR (extrapolated) = 5.47 W/kg
SAR(1 g) = 0.891 W/kg; SAR(10 g) = 0.173 W/kg





Remarks: *. Date tested: 2016/07/27; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 152 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.4(start)/23.4(end)/23.7(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: Measurement data (cont'd)

SAR test data plot of worst reported SAR (1g) (5GHz band)

Plot 4-2: (W56-Body) Antenna Sub; Short side-sub & touch, 11a(6Mbps), 5700 MHz

EUT: SKR3000; Type: P-61; Serial: A8CE-S002

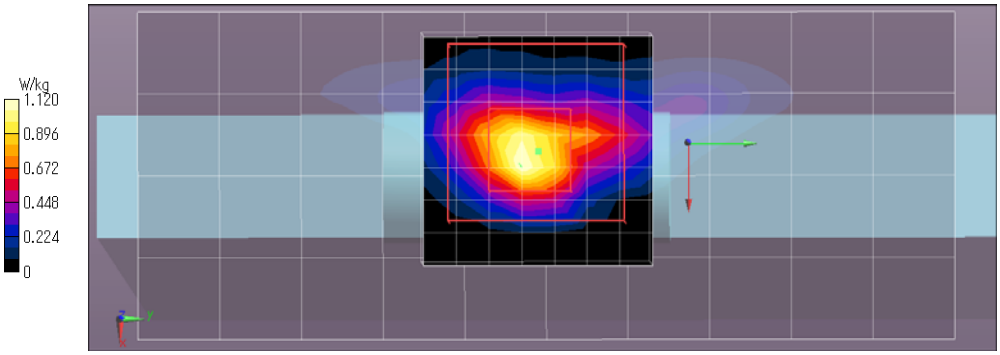
Mode: 11a(6Mbps,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5700 MHz; Crest Factor: 1.0**
Medium: MSL5800(1607); Medium parameters used: f = 5700 MHz; σ = 6.035 S/m; ε_r = 46.86; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

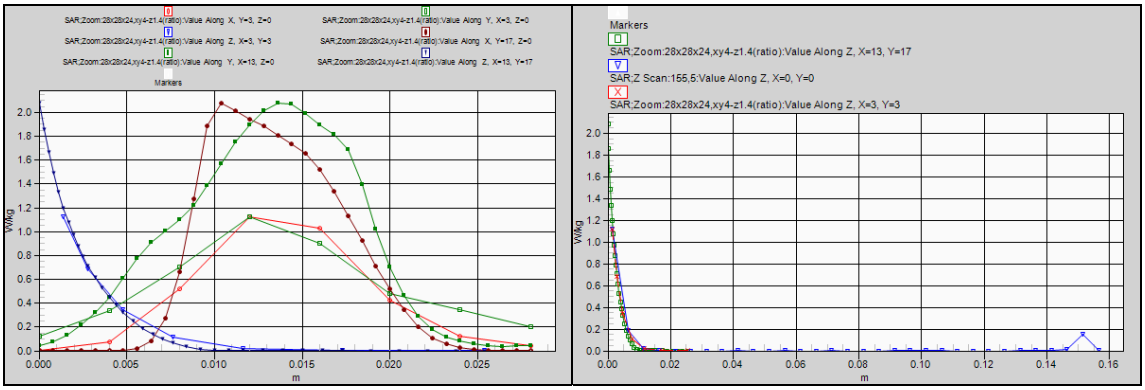
DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(3.65, 3.65, 3.65); Calibrated: 2016/05/12; -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

body-touch,w56,ant-sub(chain1)/5g24w56b24,ant1,CH/mode2;side&d0,a(6m,p12),b5700/
Area Scan:40x100,stp10 (5x11x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 1.00 W/kg
Area Scan:40x100,stp10 (41x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 1.53 W/kg
Z Scan:155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 1.12 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 16.08 V/m; Power Drift = -0.06 dB; Maximum value of SAR (measured) = 1.12 W/kg; Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.085 W/kg





Remarks: *. Date tested: 2016/07/28; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 152 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.5(start)/23.5(end)/23.7(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: Measurement data (cont'd)

SAR test data plot of worst reported SAR (1g) (5GHz band)

Plot 5-1: (W58-Body) Antenna Main; Long side-main & touch, 11n(40HT)(MCS0), 5755 MHz

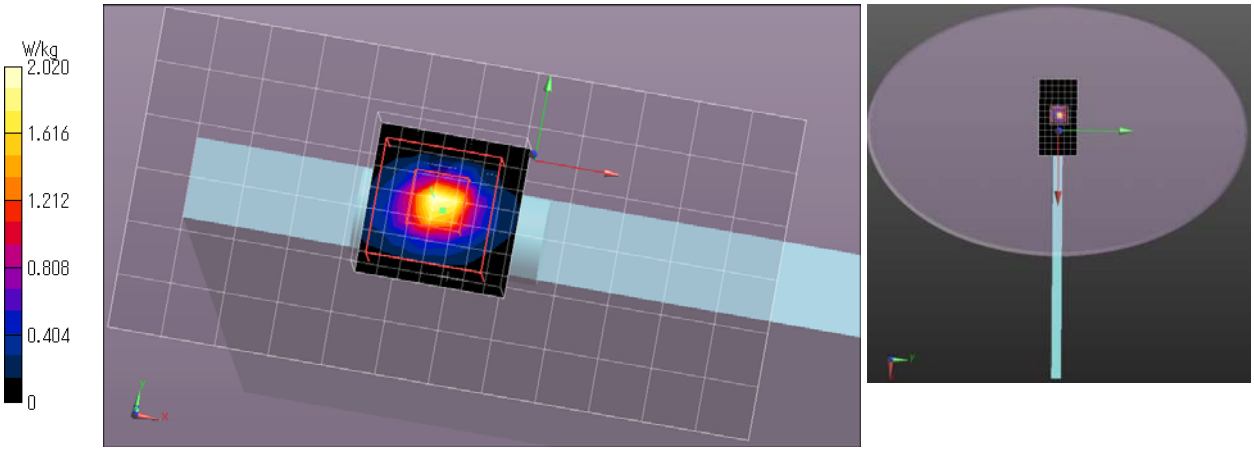
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

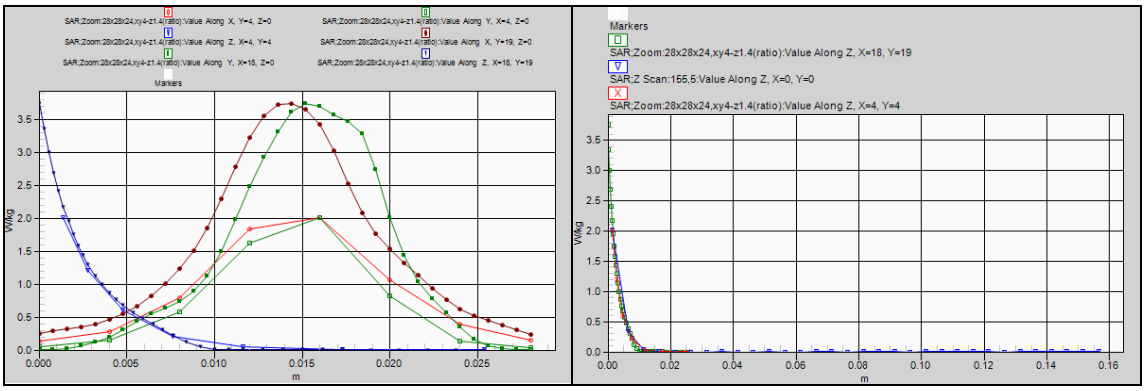
Mode: n40(MCS0,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5755 MHz; Crest Factor: 1.0**
Medium: MSL5800(1607); Medium parameters used: f = 5755 MHz; σ = 6.133 S/m; ε_r = 46.54; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(3.96, 3.96, 3.96); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

body-touch,w58,ant-main(chain0)/5g30&w58b6,ant0,side&d0,n40(m0,p12),b5755/
Area Scan:120x60,stp10 (13x7x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 1.22 W/kg
Area Scan:120x60,stp10 (121x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 1.90 W/kg
Z Scan:155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 2.02 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 21.78 V/m; Power Drift = -0.07 dB; Maximum value of SAR (measured) = 2.02 W/kg; Peak SAR (extrapolated) = 3.75 W/kg
SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.119 W/kg





Remarks: *. Date tested: 2016/07/28; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 152 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.6(start)/23.6(end)/23.7(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: Measurement data (cont'd)

SAR test data plot of worst reported SAR (1g) (5GHz band)

Plot 5-2: (W58-Body) Antenna Sub; Short side-sub & touch, 11a(6Mbps), 5745 MHz

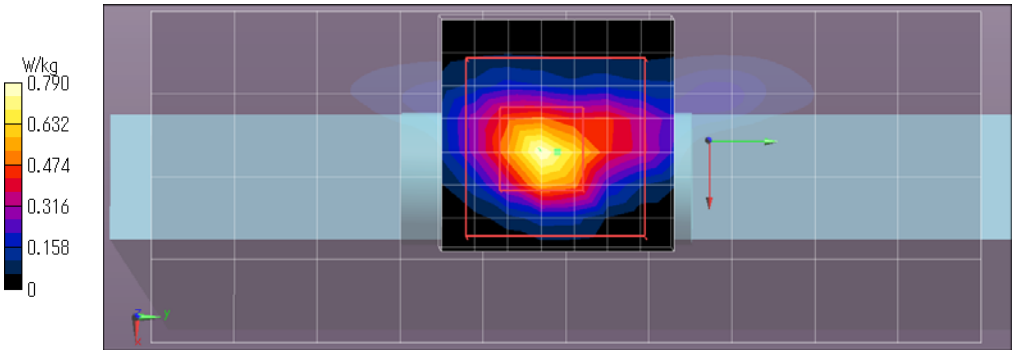
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

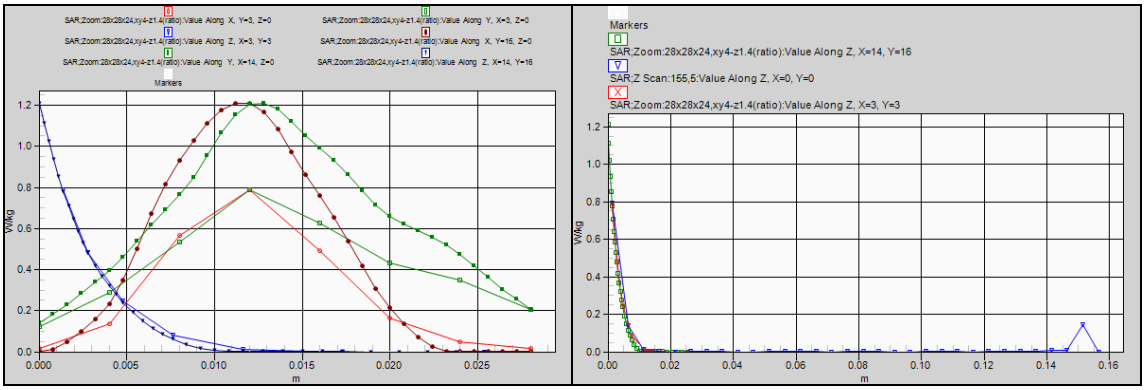
Mode: 11a(6Mbps,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5745 MHz; Crest Factor: 1.0**
Medium: MSL5800(1607); Medium parameters used: f = 5745 MHz; σ = 6.077 S/m; ε_r = 46.59; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(3.96, 3.96, 3.96); Calibrated: 2016/05/12; -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

body-touch,w58,ant-sub(chain1)/5g27w58b3,ant1,side&d0,a(6m,p12),b5745/
Area Scan:40x100,stp10 (5x11x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.659 W/kg
Area Scan:40x100,stp10 (41x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 1.05 W/kg
Z Scan:155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.793 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 13.12 V/m; Power Drift = -0.08 dB; Maximum value of SAR (measured) = 0.790 W/kg; Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.053 W/kg





Remarks: *. Date tested: 2016/07/28; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 152 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.6(start)/23.6(end)/23.7(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: Measurement data (cont'd)

SAR test data plot of worst reported SAR (1g) (5GHz band)

Plot 6-1: (W52/53-Head) Antenna Main; Long side-main & touch, 11a (6Mbps), 5260 MHz

EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: 11a(6Mbps,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5260 MHz; Crest Factor: 1.0**

Medium: HSL5GHz(1608); Medium parameters used: f = 5260 MHz; σ = 4.501 S/m; ε_r = 36.07; ρ = 1000 kg/m^3

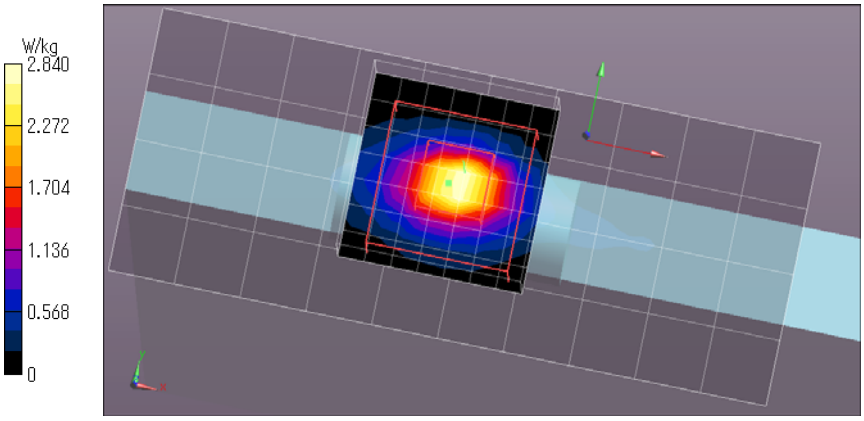
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

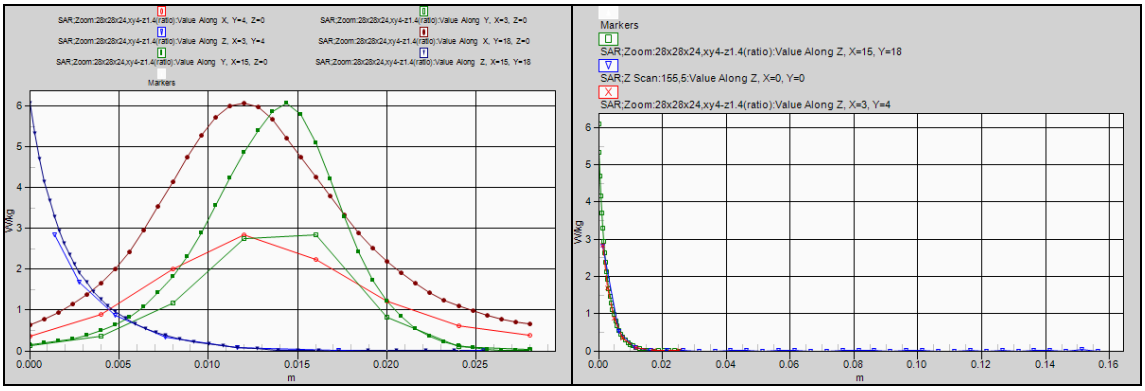
DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.94, 4.94, 4.94); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

head,w53,ant-main(chain0)/5g2&w53h2,mode2;ant0,side&d0,a(6m,p12),h5260/
Area Scan:100x40,stp10 (11x5x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 2.24 W/kg
Area Scan:100x40,stp10 (101x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 3.03 W/kg
Z Scan:155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 2.81 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 28.44 V/m; Power Drift = -0.10 dB; Maximum value of SAR (measured) = 2.84 W/kg; Peak SAR (extrapolated) = 6.09 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.232 W/kg





Remarks: *. Date tested: 2016/08/01; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24 ± 1 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.0(start)/23.0(end)/22.8(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: Measurement data (cont'd)

SAR test data plot of worst reported SAR (1g) (5GHz band)

Plot 6-2: (W52/53-Head) Antenna Sub; Short side-sub & touch, 11a(6Mbps), 5260 MHz

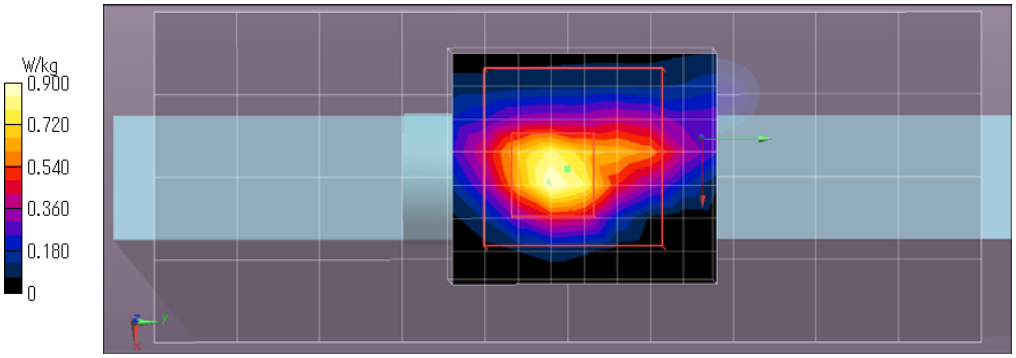
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

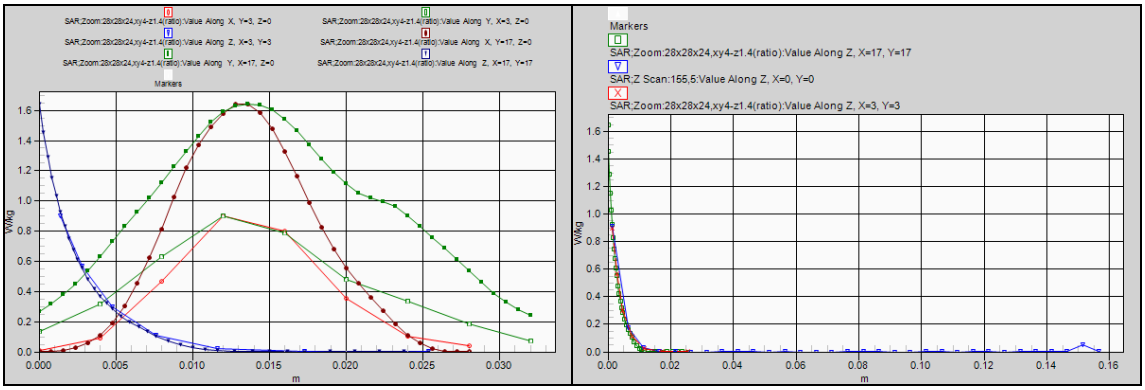
Mode: 11a(6Mbps,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5260 MHz; Crest Factor: 1.0**
Medium: HSL5GHz(1608); Medium parameters used: f = 5260 MHz; σ = 4.501 S/m; ε_r = 36.07; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.94, 4.94, 4.94); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

head,w53,ant-sub(chain1)/5g13w53h13,ant1,side&d0,a(6m,p13),h5260/
Area Scan:40x100,stp10 (5x11x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.900 W/kg
Area Scan:40x100,stp10 (41x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.908 W/kg
Z Scan:155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.911 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 15.27 V/m; Power Drift = -0.03 dB; Maximum value of SAR (measured) = 0.900 W/kg; Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.084 W/kg





Remarks: *. Date tested: 2016/08/01; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24 ± 1 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.0(start)/23.0(end)/22.8(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: Measurement data (cont'd)

SAR test data plot of worst reported SAR (1g) (5GHz band)

Plot 7-1: (W56-Head) Antenna Main; Long side-main & touch, 11n(20HT)(MCS0), 5700 MHz

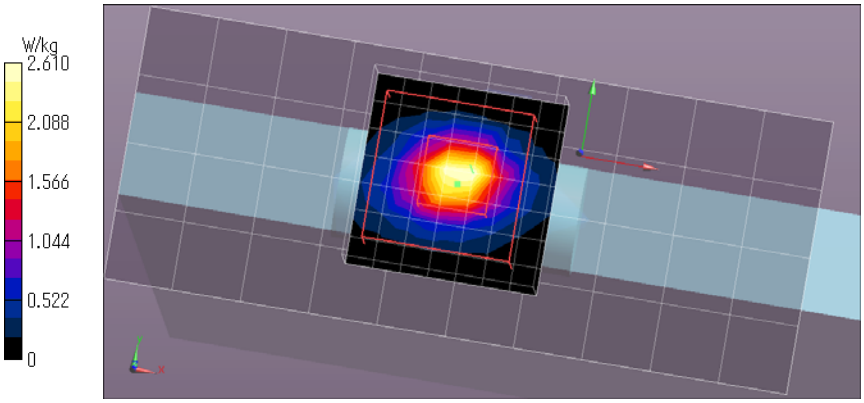
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

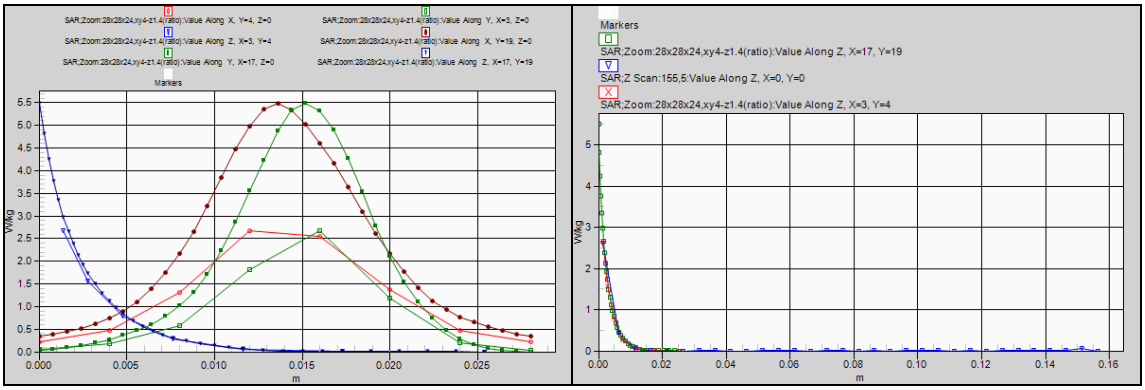
Mode: n20(MCS0,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5700 MHz; Crest Factor: 1.0**
Medium: HSL5GHz(1608); Medium parameters used: f = 5700 MHz; σ = 4.957 S/m; ε_r = 35.35; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.33, 4.33, 4.33); Calibrated: 2016/05/12; -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

head,w56,ant-main(chain0),0803/5g35&w56h12,mode3/ch;ant0,side&d0,n20(m0,p12),h5700/
Area Scan:100x40,stp10 (11x5x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 1.71 W/kg
Area Scan:100x40,stp10 (101x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 1.88 W/kg
Z Scan:155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 2.61 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 26.54 V/m; Power Drift = -0.01 dB; Maximum value of SAR (measured) = 2.67 W/kg; Peak SAR (extrapolated) = 5.50 W/kg
SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.179 W/kg





Remarks: *. Date tested: 2016/08/03; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24 ± 1 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 22.7(start)/22.7(end)/22.8(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: Measurement data (cont'd)

SAR test data plot of worst reported SAR (1g) (5GHz band)

Plot 7-2: (W56-Head) Antenna Sub; Short side-sub & touch, 11n(40HT)(MCS0), 5550 MHz

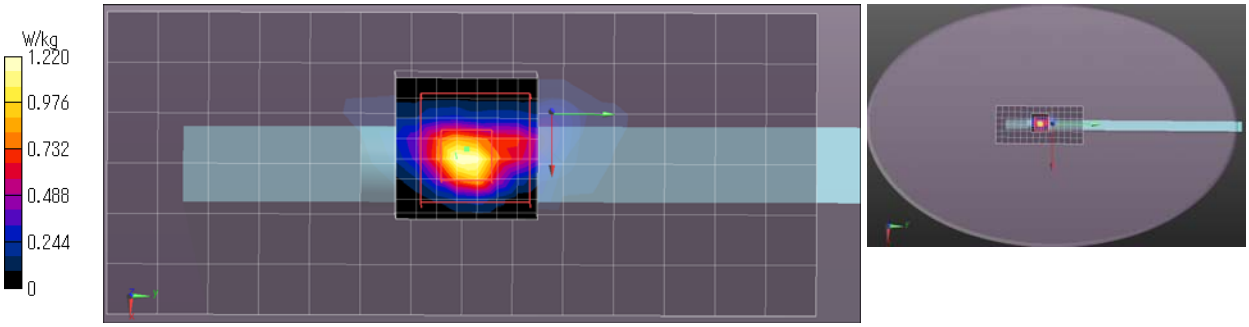
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

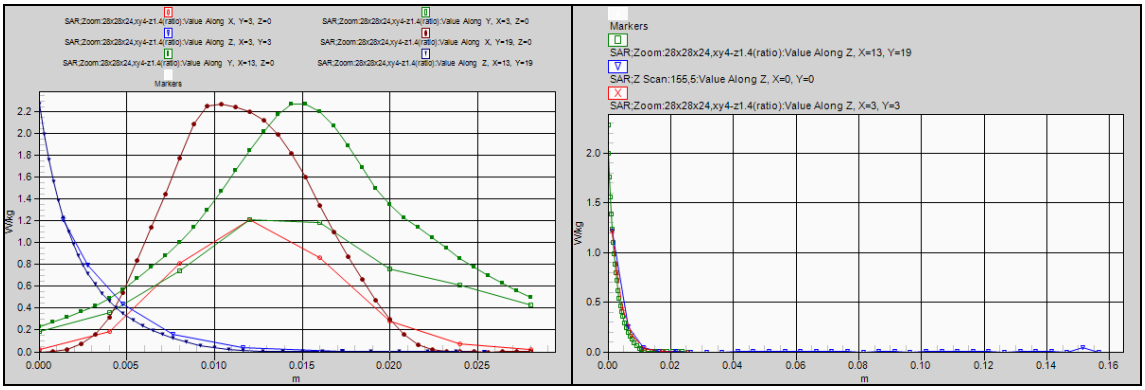
Mode: n40(MCS0,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5550 MHz; Crest Factor: 1.0**
Medium: HSL5GHz(1608); Medium parameters used: f = 5550 MHz; σ = 4.802 S/m; ε_r = 35.59; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.33, 4.33, 4.33); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

head,w56,ant-sub(chain1)/5g41w56h18,ant1,side&d0,n40(m0,p12),h5550/
Area Scan:60x140,stp10 (7x15x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 1.23 W/kg
Area Scan:60x140,stp10 (61x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 1.70 W/kg
Z Scan:155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 1.21 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 17.65 V/m; Power Drift = -0.10 dB; Maximum value of SAR (measured) = 1.22 W/kg; Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.104 W/kg





Remarks: *. Date tested: 2016/08/03; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24 ± 1 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 22.8(start)/22.8(end)/22.8(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: Measurement data (cont'd)

SAR test data plot of worst reported SAR (1g) (5GHz band)

Plot 8-1: (W58-Head) Antenna Main; Long side-main & touch, 11a(6Mbps), 5745 MHz

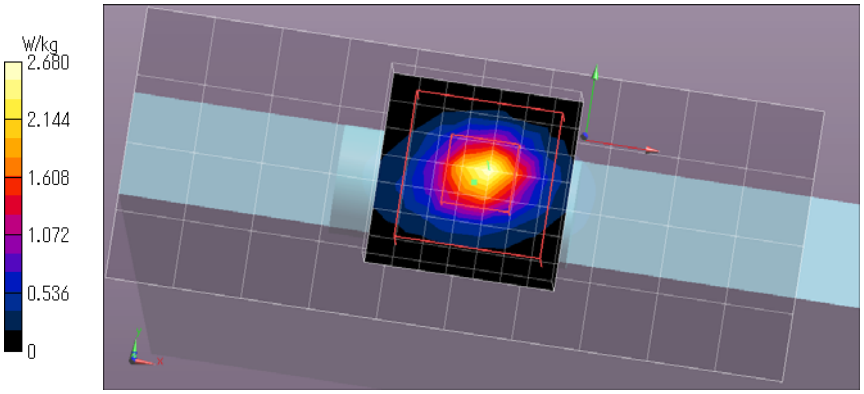
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

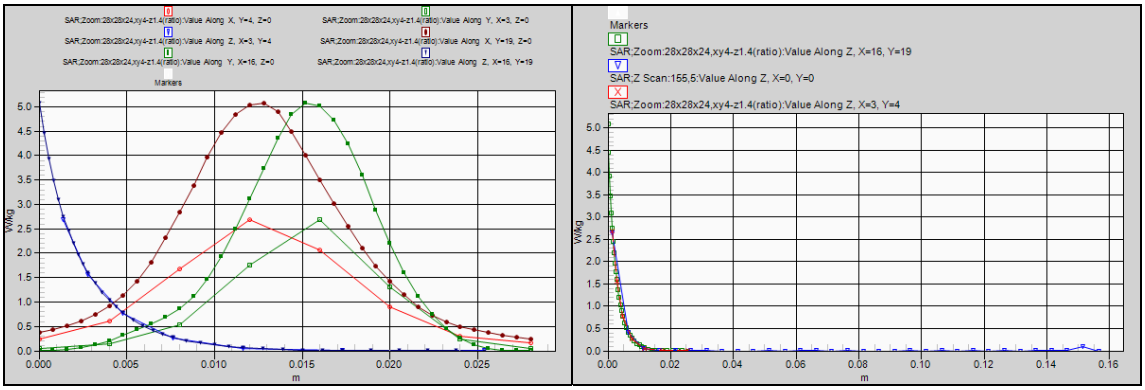
Mode: 11a(6Mbps,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5745 MHz; Crest Factor: 1.0**
Medium: HSL5GHz(1608); Medium parameters used: f = 5745 MHz; σ = 5.02 S/m; ε_r = 35.44; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.3, 4.3, 4.3); Calibrated: 2016/05/12; -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

head,w58,ant-main(chain0)/5g55&w58h3,mode2/ch;ant0,side&d0,a(6m,p12),h5745/
Area Scan:100x40,stp10 (11x5x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 1.66 W/kg
Area Scan:100x40,stp10 (101x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 1.82 W/kg
Z Scan:155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 2.65 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 24.55 V/m; Power Drift = -0.10 dB; Maximum value of SAR (measured) = 2.68 W/kg; Peak SAR (extrapolated) = 5.09 W/kg
SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.162 W/kg





Remarks: *. Date tested: 2016/08/04; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24 ± 1 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 22.8(start)/22.8(end)/22.8(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: Measurement data (cont'd)

SAR test data plot of worst reported SAR (1g) (5GHz band)

Plot 8-2: (W58-Head) Antenna Sub; Short side-sub & touch, 11a(6Mbps), 5745 MHz

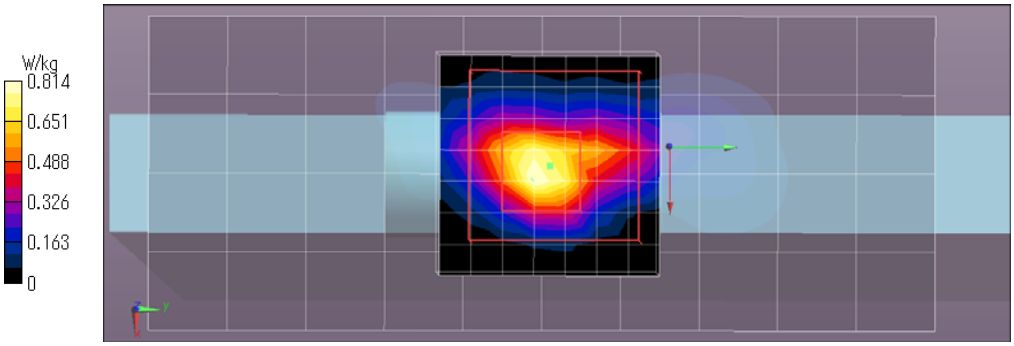
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

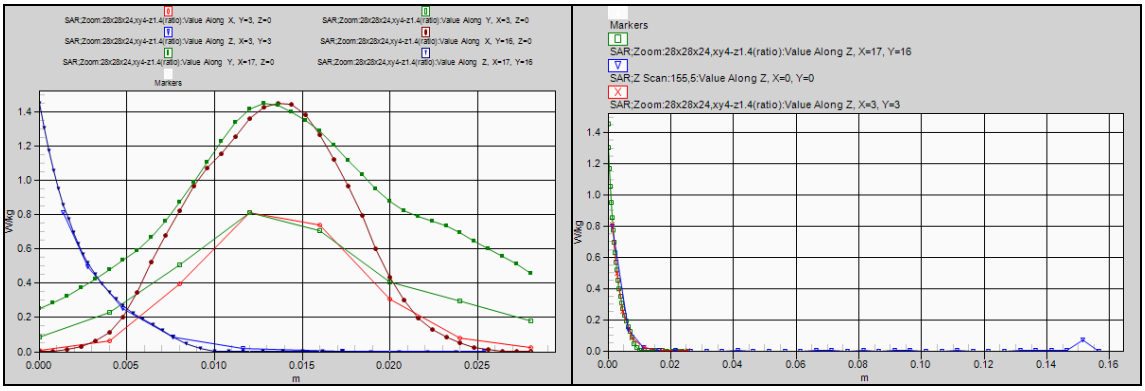
Mode: 11a(6Mbps,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5745 MHz; Crest Factor: 1.0**
Medium: HSL5GHz(1608); Medium parameters used: f = 5745 MHz; σ = 5.02 S/m; ε_r = 35.44; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.3, 4.3, 4.3); Calibrated: 2016/05/12; -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

head,w58,ant-sub(chain1)/5g62w58h10,mode2/ch;ant1,side&d0,a(6m,p12),h5745/
Area Scan:40x100,stp10 (5x11x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.875 W/kg
Area Scan:40x100,stp10 (41x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.947 W/kg
Z Scan:155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.798 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 14.82 V/m; Power Drift = -0.06 dB; Maximum value of SAR (measured) = 0.814 W/kg; Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.066 W/kg





Remarks: *. Date tested: 2016/08/04; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24 ± 1 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 22.9(start)/22.9(end)/22.8(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: SAR measurement data (cont'd)

SAR test data plot of other test conditions

Step 1: 2.4GHz band (Body)

Plot 1-3: (Body) Antenna Main; Long side-main & touch, 11b (1Mbps), 2437 MHz

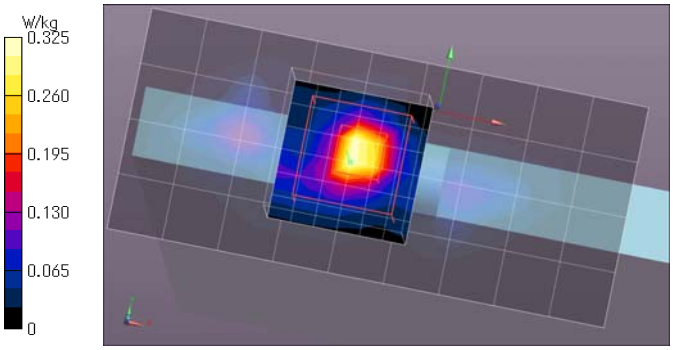
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2437 MHz; Crest Factor: 1.0**
Medium: M2450(1607); Medium parameters used: f = 2437 MHz; σ = 1.949 S/m; ε_r = 50.96; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.16, 7.16, 7.16); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

body-touch,ant-main(chain0)/b2,CH/DSSS;ant0,side&touch(d0mm),b(1m,set:13),b2437/
Area Scan:108x48,stp12 (10x5x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.319 W/kg
Area Scan:108x48,stp12 (91x41x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.319 W/kg

Zoom Scan:30x30x30,stp5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 13.20 V/m; Power Drift = -0.10 dB; Maximum value of SAR (measured) = 0.325 W/kg; Peak SAR (extrapolated) = 0.647 W/kg
SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.055 W/kg



Remarks: *. Date tested: 2016/07/26; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 23.5± 1 deg.C. / 45 ± 10 %RH,
*. liquid temperature: 22.7(start)/22.7(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 1-4: (Body) Antenna Main; Long side-main & touch, 11b (1Mbps), 2462 MHz

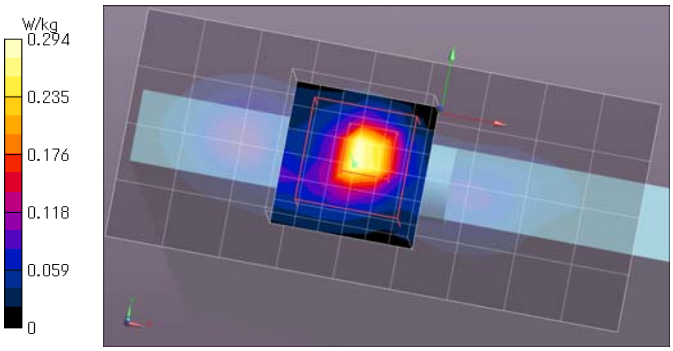
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**
Medium: M2450(1607); Medium parameters used: f = 2462 MHz; σ = 1.986 S/m; ε_r = 50.79; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.16, 7.16, 7.16); Calibrated: 2016/05/12; -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

body-touch,ant-main(chain0)/b3,CH/DSSS;ant0,side&touch(d0mm),b(1m,set:13),b2462/
Area Scan:108x48,stp12 (10x5x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.287 W/kg
Area Scan:108x48,stp12 (91x41x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.287 W/kg

Zoom Scan:30x30x30,stp5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 12.58 V/m; Power Drift = -0.11 dB; Maximum value of SAR (measured) = 0.294 W/kg; Peak SAR (extrapolated) = 0.579 W/kg
SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.050 W/kg



Remarks: *. Date tested: 2016/07/26; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 23.5± 1 deg.C. / 45 ± 10 %RH,
*. liquid temperature: 22.7(start)/22.7(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: SAR measurement data / SAR test data plot of other test conditions / Step 1: 2.4GHz band (Body) (cont'd)

Plot 1-5: (Body) Antenna Sub; Short side-sub & touch, 11b (1Mbps), 2437 MHz

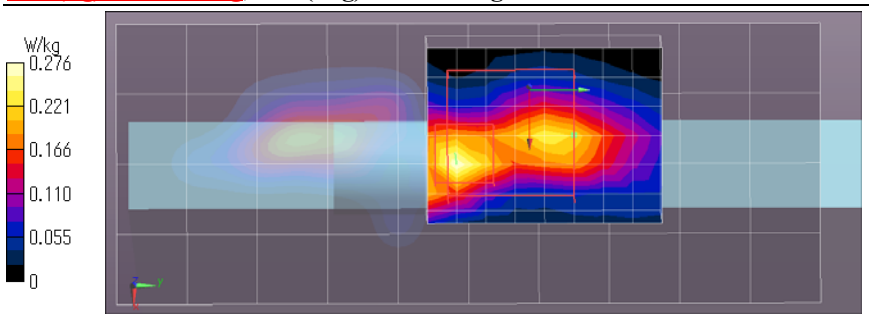
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2437 MHz; Crest Factor: 1.0**
Medium: M2450(1607); Medium parameters used: f = 2437 MHz; σ = 1.949 S/m; ε_r = 50.955; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.16, 7.16, 7.16); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

body-touch,ant-sub(chain1)/b7,CH/DSSS;ant0,side&touch(d0mm),b(1m,set:13),b2437/
Area Scan:48x120,stp12 (5x11x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.254 W/kg
Area Scan:48x120,stp12 (41x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.471 W/kg

Zoom Scan:30x30x30,stp5 (7x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 10.74 V/m; Power Drift = -0.09 dB; Maximum value of SAR (measured) = 0.276 W/kg; Peak SAR (extrapolated) = 0.422 W/kg
SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.059 W/kg



Remarks: *. Date tested: 2016/07/26; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 23.5± 1 deg.C. / 45 ± 10 %RH,
*. liquid temperature: 22.5(start)/22.5(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 1-6: (Body) Antenna Sub; Short side-sub & touch, 11b (1Mbps), 2462 MHz

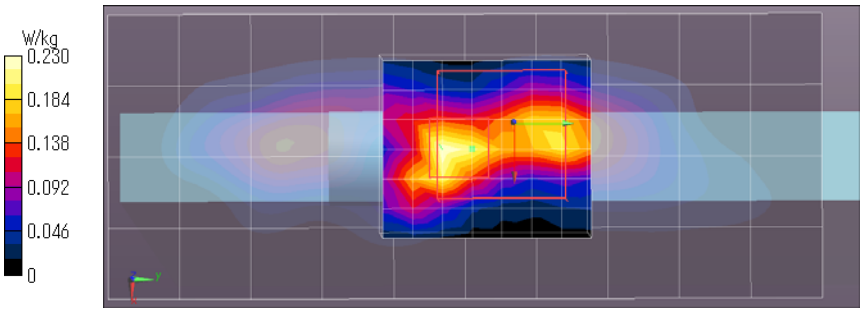
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**
Medium: M2450(1607); Medium parameters used: f = 2462 MHz; σ = 1.986 S/m; ε_r = 50.79; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.16, 7.16, 7.16); Calibrated: 2016/05/12; -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

body-touch,ant-sub(chain1)/b8,CH/DSSS;ant0,side&touch(d0mm),b(1m,set:13),b2462/
Area Scan:48x120,stp12 (5x11x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.220 W/kg
Area Scan:48x120,stp12 (41x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.228 W/kg

Zoom Scan:30x30x30,stp5 (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 10.49 V/m; Power Drift = -0.01 dB; Maximum value of SAR (measured) = 0.230 W/kg; Peak SAR (extrapolated) = 0.377 W/kg
SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.050 W/kg



Remarks: *. Date tested: 2016/07/26; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 23.5± 1 deg.C. / 45 ± 10 %RH,
*. liquid temperature: 22.5(start)/22.5(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: SAR measurement data / SAR test data plot of other test conditions / Step 1: 2.4GHz band (Body) (cont'd)

Plot 1-7: (Body) Antenna Main; Front (Patient)-main & touch, 11b (1Mbps), 2412 MHz

EUT: SKR3000; Type: P-61; Serial: A8CE-S002

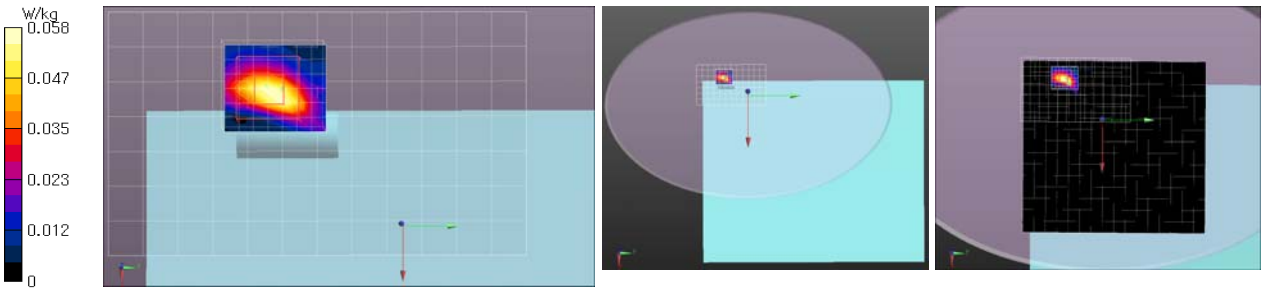
Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2412 MHz; Crest Factor: 1.0**
Medium: M2450(1607); Medium parameters used: f = 2412 MHz; σ = 1.927 S/m; ε_r = 51.04; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.16, 7.16, 7.16); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

body-touch,ant-main(chain0)/b11,DSSS;ant0,front(patient)&touch(d0mm),b(1m,set:13),b2412/
Area Scan:84x150,stp12 (8x13x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.0439 W/kg
Area Scan:84x150,stp12 (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.0513 W/kg
Area Scan:225x240,stp15 (16x17x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 0.0435 W/kg
Area Scan:225x240,stp15 (151x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm; Maximum value of SAR (interpolated) = 0.0435 W/kg

Zoom Scan:30x30x30,stp5 (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 5.376 V/m; Power Drift = -0.17 dB; Maximum value of SAR (measured) = 0.0585 W/kg; Peak SAR (extrapolated) = 0.0800 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.011 W/kg



Remarks: *. Date tested: 2016/07/26; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 23.5± 1 deg.C. / 45 ± 10 %RH,
*. liquid temperature: 22.6(start)/22.6(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 1-8: (Body) Antenna Sub; Front (Patient)-sub & touch, 11b (1Mbps), 2412 MHz

EUT: SKR3000; Type: P-61; Serial: A8CE-S002

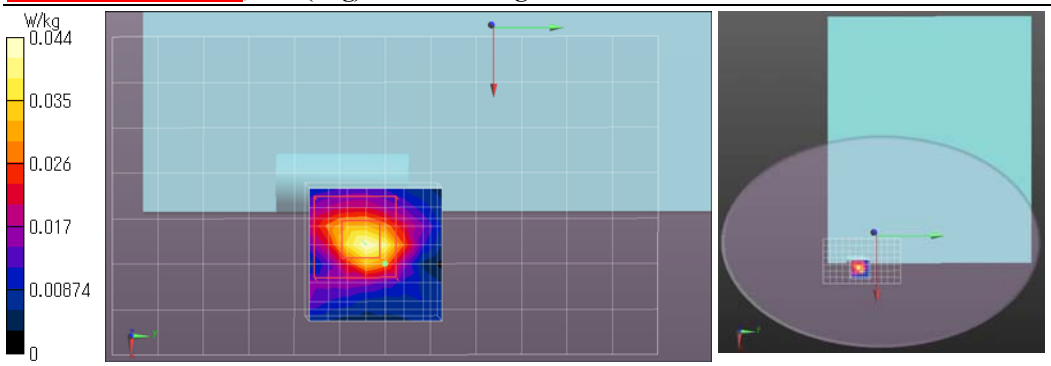
Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2412 MHz; Crest Factor: 1.0**
Medium: M2450(1607); Medium parameters used: f = 2412 MHz; σ = 1.927 S/m; ε_r = 51.04; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.16, 7.16, 7.16); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

body-touch,ant-sub(chain1)/b12,DSSS;ant1,front(patient)&touch(d0mm),b(1m,set:13)b2412/
Area Scan:84x150,stp12 (8x13x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.0258 W/kg
Area Scan:84x150,stp12 (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.0255 W/kg

Zoom Scan:30x30x30,stp5 (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 3.860 V/m; Power Drift = 0.13 dB; Maximum value of SAR (measured) = 0.0437 W/kg; Peak SAR (extrapolated) = 0.0730 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.00606 W/kg



Remarks: *. Date tested: 2016/07/26; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 23.5± 1 deg.C. / 45 ± 10 %RH,
*. liquid temperature: 22.6(start)/22.6(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: SAR measurement data / SAR test data plot of other test conditions / Step 1: 2.4GHz band (Body) (cont'd)

Plot 1-9: (Body) Antenna Main; Back-main & touch, 11b (1Mbps), 2412 MHz

EUT: SKR3000; Type: P-61; Serial: A8CE-S002

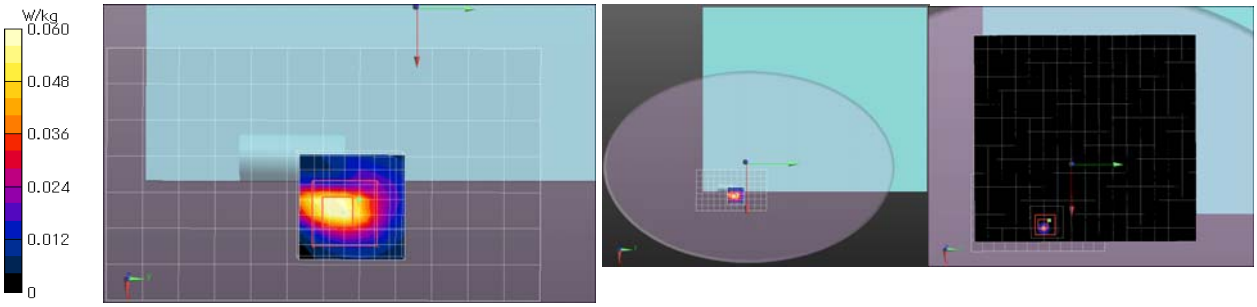
Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2412 MHz; Crest Factor: 1.0**
Medium: M2450(1607); Medium parameters used: f = 2412 MHz; σ = 1.927 S/m; ε_r = 51.04; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.16, 7.16, 7.16); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

body-touch,ant-main(chain0)/b14,DSSS;ant0,back&touch(d0mm),b(1m,set:13),b2412/
Area Scan:84x150,stp12 (8x13x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.0391 W/kg
Area Scan:84x150,stp12 (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.0416 W/kg
Area Scan:225x240,stp15 (16x17x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 0.0416 W/kg
Area Scan:225x240,stp15 (151x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm; Maximum value of SAR (interpolated) = 0.0416 W/kg

Zoom Scan:30x30x30,stp5 (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 4.967 V/m; Power Drift = -0.19 dB; Maximum value of SAR (measured) = 0.0595 W/kg; Peak SAR (extrapolated) = 0.0850 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.011 W/kg



Remarks: *. Date tested: 2016/07/26; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 23.5± 1 deg.C. / 45 ± 10 %RH,
*. liquid temperature: 22.5(start)/22.5(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 1-10: (Body) Antenna Sub; Back-sub & touch, 11b (1Mbps), 2412 MHz

EUT: SKR3000; Type: P-61; Serial: A8CE-S002

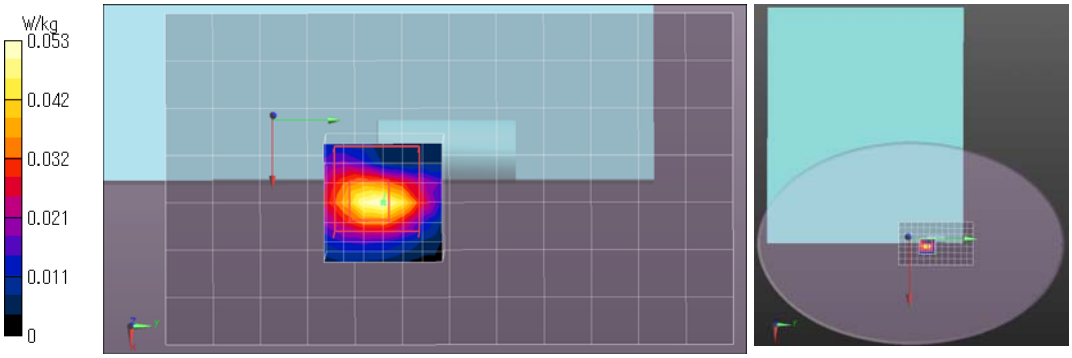
Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2412 MHz; Crest Factor: 1.0**
Medium: M2450(1607); Medium parameters used: f = 2412 MHz; σ = 1.927 S/m; ε_r = 51.04; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.16, 7.16, 7.16); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

body-touch,ant-sub(chain1)/b13,DSSS;ant1,back&touch(d0mm),b(1m,set:13),b2412/
Area Scan:84x150,stp12 (8x13x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.0444 W/kg
Area Scan:84x150,stp12 (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.0606 W/kg

Zoom Scan:30x30x30,stp5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 5.385 V/m; Power Drift = -0.07 dB; Maximum value of SAR (measured) = 0.0526 W/kg; Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.00864 W/kg



Remarks: *. Date tested: 2016/07/26; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 23.5± 1 deg.C. / 45 ± 10 %RH,
*. liquid temperature: 22.6(start)/22.5(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: SAR measurement data / SAR test data plot of other test conditions (cont'd)

Step 2: 2.4GHz band (Head)

Plot 2-3: (Head) Antenna Main; Long side-main & touch, 11b (1Mbps), 2437 MHz

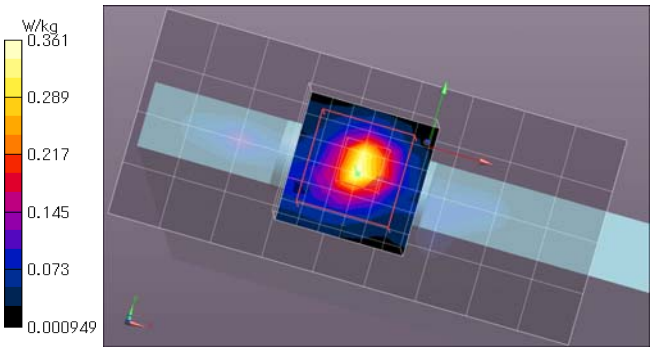
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2437 MHz; Crest Factor: 1.0**
Medium: HSL2450(1607); Medium parameters used: f = 2437 MHz; σ = 1.839 S/m; ε_r = 38.27; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.22, 7.22, 7.22); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

head-touch,ant-main(chain0)/h6,CH/DSSS;ant0,side&touch(d0mm),b(1m,set:13),h2437/
Area Scan:108x48,stp12 (10x5x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.241 W/kg
Area Scan:108x48,stp12 (91x41x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.256 W/kg

Zoom Scan:30x30x30,stp5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 14.34 V/m; Power Drift = -0.07 dB; Maximum value of SAR (measured) = 0.361 W/kg; Peak SAR (extrapolated) = 0.641 W/kg
SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.055 W/kg



Remarks: *. Date tested: 2016/07/25; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.6(start)/23.5(end)/23.8(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2-4: (Head) Antenna Main; Long side-main & touch, 11b (1Mbps), 2462 MHz

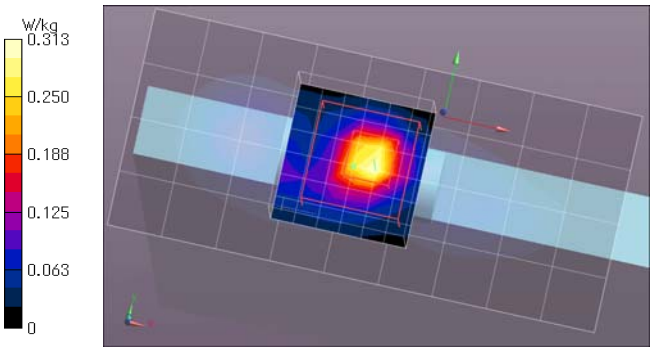
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**
Medium: HSL2450(1607); Medium parameters used: f = 2462 MHz; σ = 1.87 S/m; ε_r = 38.15; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.22, 7.22, 7.22); Calibrated: 2016/05/12; -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

head-touch,ant-main(chain0)/h7,CH/DSSS;ant0,side&touch(d0mm),b(1m,set:13),h2462/
Area Scan:108x48,stp12 (10x5x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.212 W/kg
Area Scan:108x48,stp12 (91x41x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.214 W/kg

Zoom Scan:30x30x30,stp5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 12.08 V/m; Power Drift = -0.17 dB; Maximum value of SAR (measured) = 0.313 W/kg; Peak SAR (extrapolated) = 0.564 W/kg
SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.049 W/kg



Remarks: *. Date tested: 2016/07/25; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.5(start)/23.6(end)/23.8(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: SAR measurement data / SAR test data plot of other test conditions / Step 2: 2.4GHz band (Head) (cont'd)

Plot 2-5: (Head) Antenna Sub; Short side-sub & touch, 11b (1Mbps), 2437 MHz

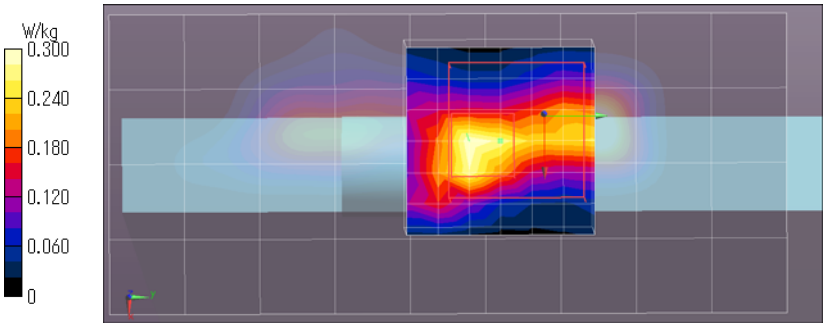
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2437 MHz; Crest Factor: 1.0**
Medium: HSL2450(1607); Medium parameters used: f = 2437 MHz; σ = 1.839 S/m; ε_r = 38.27; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.22, 7.22, 7.22); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

head-touch,ant-sub(chain1)/h11,CH/DSSS;ant0,side&touch(d0mm),b(1m,set:13),h2437/
Area Scan:48x108,stp12 (5x10x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.284 W/kg
Area Scan:48x108,stp12 (41x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.441 W/kg

Zoom Scan:30x30x30,stp5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 12.44 V/m; Power Drift = -0.05 dB; Maximum value of SAR (measured) = 0.300 W/kg; Peak SAR (extrapolated) = 0.525 W/kg
SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.064 W/kg



Remarks: *. Date tested: 2016/07/25; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.6(start)/23.6(end)/23.8(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2-6: (Head) Antenna Sub; Short side-sub & touch, 11b (1Mbps), 2462MHz

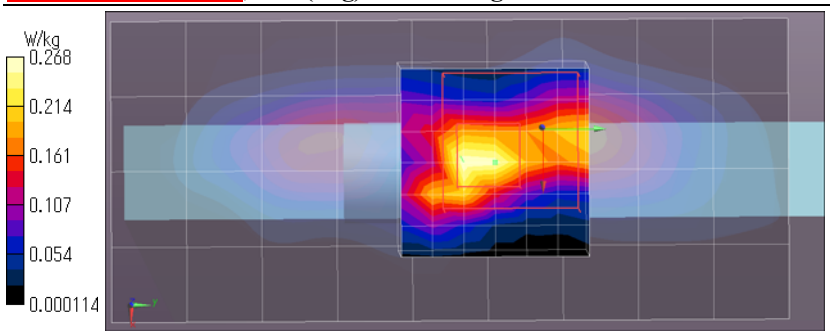
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**
Medium: HSL2450(1607); Medium parameters used: f = 2462 MHz; σ = 1.87 S/m; ε_r = 38.15; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.22, 7.22, 7.22); Calibrated: 2016/05/12; -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

head-touch,ant-sub(chain1)/h12,CH/DSSS;ant0,side&touch(d0mm),b(1m,set:13),h2462/
Area Scan:48x108,stp12 (5x10x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.261 W/kg
Area Scan:48x108,stp12 (41x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.276 W/kg

Zoom Scan:30x30x30,stp5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 11.95 V/m; Power Drift = 0.01 dB; Maximum value of SAR (measured) = 0.268 W/kg; Peak SAR (extrapolated) = 0.452 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.055 W/kg



Remarks: *. Date tested: 2016/07/25; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.6(start)/23.6(end)/23.8(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: SAR measurement data / SAR test data plot of other test conditions / Step 2: 2.4GHz band (Head) (cont'd)

Plot 2-7: (Head) Antenna Main; Front (Patient)-main & touch, 11b (1Mbps), 2412 MHz

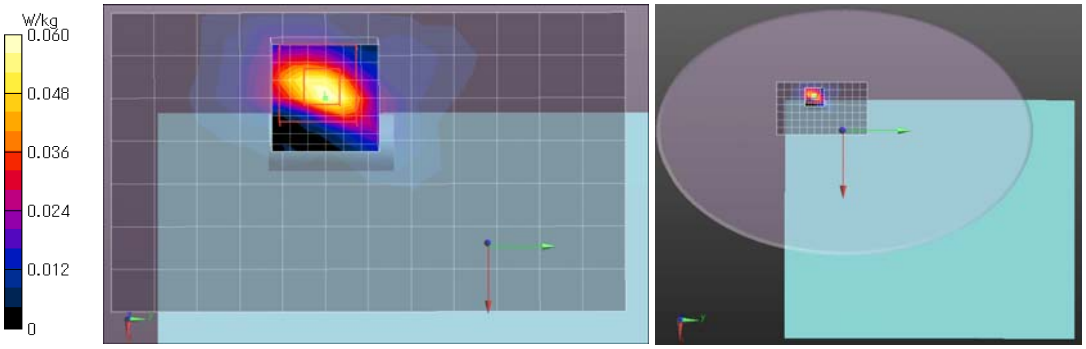
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2412 MHz; Crest Factor: 1.0**
Medium: HSL2450(1607); Medium parameters used: f = 2412 MHz; σ = 1.816 S/m; ε_r = 38.38; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.22, 7.22, 7.22); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

head-touch,ant-main(chain0)/h2,DSSS;ant0,front(patient)&touch(d0mm),b(1m,set:13),h2412/
Area Scan:84x150,stp12 (8x13x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.0609 W/kg
Area Scan:84x150,stp12 (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.0609 W/kg

Zoom Scan:30x30x30,stp5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 5.863 V/m; Power Drift = -0.11 dB; Maximum value of SAR (measured) = 0.0602 W/kg; Peak SAR (extrapolated) = 0.102 W/kg
SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.0078 W/kg



Remarks: *. Date tested: 2016/07/25; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.7(start)/23.6(end)/23.8(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2-8: (Head) Antenna Sub; Front (Patient)-sub & touch, 11b (1Mbps), 2412 MHz

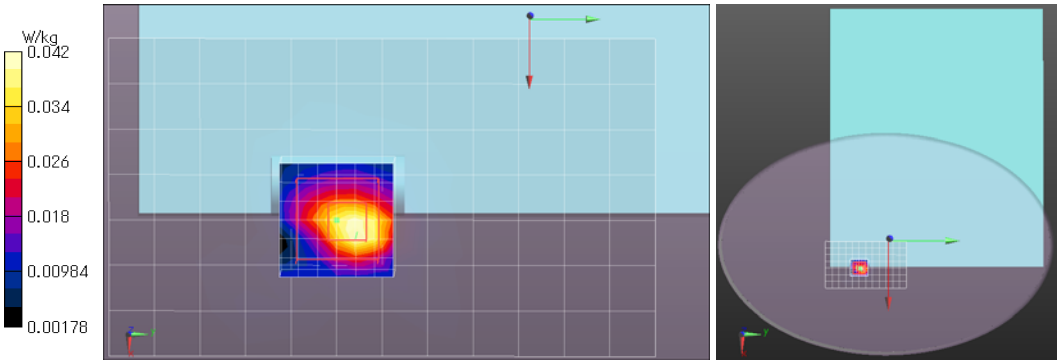
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2412 MHz; Crest Factor: 1.0**
Medium: HSL2450(1607); Medium parameters used: f = 2412 MHz; σ = 1.816 S/m; ε_r = 38.38; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.22, 7.22, 7.22); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

head-touch,ant-sub(chain1)/h3,DSSS;ant1,front(patient)&touch(d0mm),b(1m,set:13),h2412/
Area Scan:84x150,stp12 (8x13x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.0374 W/kg
Area Scan:84x150,stp12 (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.0374 W/kg

Zoom Scan:30x30x30,stp5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 4.537 V/m; Power Drift = -0.14 dB; Maximum value of SAR (measured) = 0.0421 W/kg; Peak SAR (extrapolated) = 0.101 W/kg
SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00337 W/kg



Remarks: *. Date tested: 2016/07/25; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.7(start)/23.6(end)/23.8(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: SAR measurement data / SAR test data plot of other test conditions / Step 1: 2.4GHz band (Body) (cont'd)

Plot 2-9: (Head) Antenna Main; Back-main & touch, 11b (1Mbps), 2412 MHz

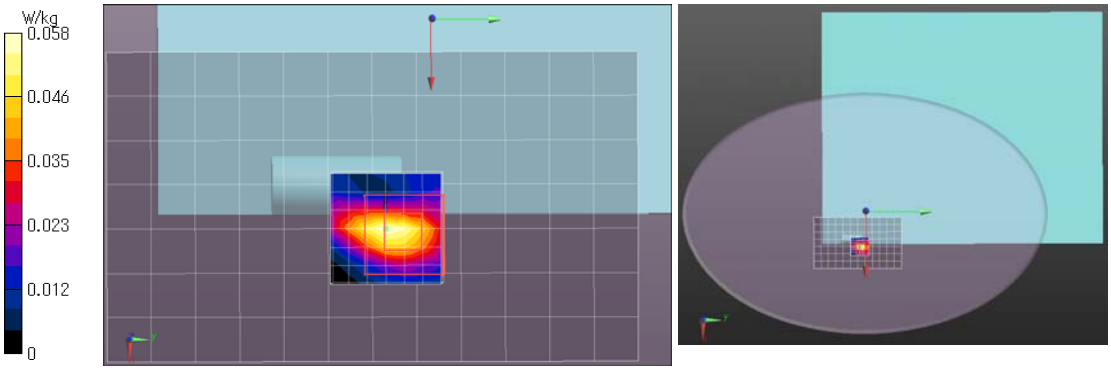
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2412 MHz; Crest Factor: 1.0**
Medium: HSL2450(1607); Medium parameters used: f = 2412 MHz; σ = 1.816 S/m; ε_r = 38.38; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.22, 7.22, 7.22); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

head-touch,ant-main(chain0)/h5,DSSS;ant0,back&touch(d0mm),b(1m,set:13),h2412/
Area Scan:84x150,stp12 (8x13x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.0544 W/kg
Area Scan:84x150,stp12 (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.0730 W/kg

Zoom Scan:30x30x30,stp5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 5.684 V/m; Power Drift = -0.15 dB; Maximum value of SAR (measured) = 0.0578 W/kg; Peak SAR (extrapolated) = 0.141 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.00593 W/kg



Remarks: *. Date tested: 2016/07/25; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.6(start)/23.6(end)/23.8(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2-10: (Head) Antenna Sub; Back-sub & touch, 11b (1Mbps), 2412 MHz

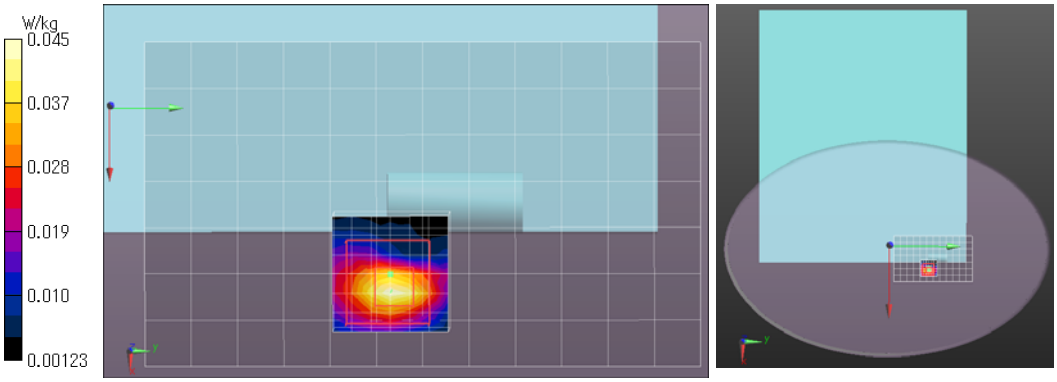
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: 11b(1Mbps,DBPSK/DSSS)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2412 MHz; Crest Factor: 1.0**
Medium: HSL2450(1607); Medium parameters used: f = 2412 MHz; σ = 1.816 S/m; ε_r = 38.38; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(7.22, 7.22, 7.22); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

head-touch,ant-sub(chain1)/h4,DSSS;ant1,back&touch(d0mm),b(1m,set:13),h2412/
Area Scan:84x150,stp12 (8x13x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.0357 W/kg
Area Scan:84x150,stp12 (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.0470 W/kg

Zoom Scan:30x30x30,stp5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 4.479 V/m; Power Drift = -0.08 dB; Maximum value of SAR (measured) = 0.0455 W/kg; Peak SAR (extrapolated) = 0.121 W/kg
SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00397 W/kg



Remarks: *. Date tested: 2016/07/25; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 153 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.6(start)/23.6(end)/23.8(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: SAR measurement data / SAR test data plot of other test conditions (cont'd)

Step 3: W52/53 band (Body)

Plot 3-3: (Body) Antenna Main; Front (Patient)-main & touch, 11n(40HT) (MCS0), 5270 MHz

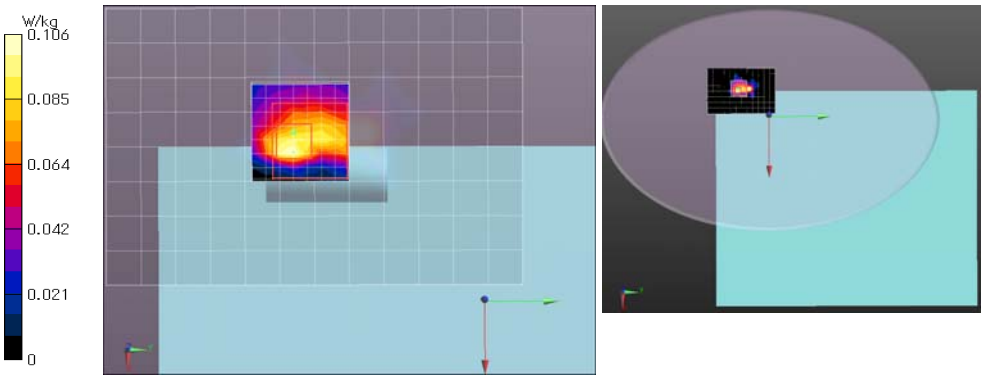
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: n40(MCS0,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5270 MHz; Crest Factor: 1.0**
Medium: MSL5800(1607); Medium parameters used: f = 5270 MHz; σ = 5.461 S/m; ε_r = 47.29; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.37, 4.37, 4.37); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

body-touch,w53,ant-main(chain0)/5g39w53b1,ant0,front(patient)&d0,n40(m0,p13),b5270/
Area Scan:80x120,stp10 (9x13x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.0972 W/kg
Area Scan:80x120,stp10 (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.225 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 4.256 V/m; Power Drift = -0.09 dB; Maximum value of SAR (measured) = 0.106 W/kg; Peak SAR (extrapolated) = 0.373 W/kg
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.00548 W/kg



Remarks: *. Date tested: 2016/07/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 152 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.6(start)/23.6(end)/23.7(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 3-4: (Body) Antenna Sub; Front (Patient)-sub & touch, 11n(40HT) (MCS0), 5270 MHz

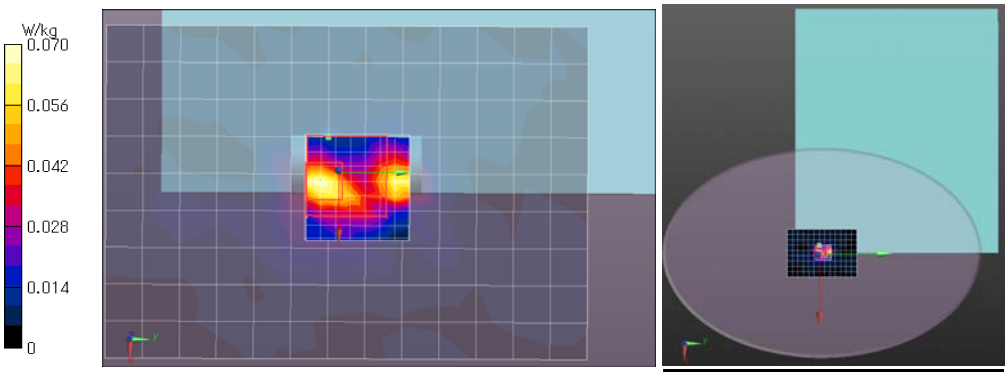
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: n40(MCS0,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5270 MHz; Crest Factor: 1.0**
Medium: MSL5800(1607); Medium parameters used: f = 5270 MHz; σ = 5.461 S/m; ε_r = 47.29; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.37, 4.37, 4.37); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

body-touch,frt&back/5g40w53b2,ant1,front(patient)&d0,n40(m0,p13),b5270/
Area Scan:90x130,stp10 (10x14x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.0616 W/kg
Area Scan:90x130,stp10 (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.0136 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 2.073 V/m; Power Drift = 0.13 dB; Maximum value of SAR (measured) = 0.0697 W/kg; Peak SAR (extrapolated) = 0.286 W/kg
SAR(1 g) = 0.0044 W/kg; SAR(10 g) = 0.000403 W/kg



Remarks: *. Date tested: 2016/07/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 152 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.6(start)/23.6(end)/23.7(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: SAR measurement data / SAR test data plot of other test conditions Step 3: W52/53 band (Body) (cont'd)

Plot 3-6: (Body) Antenna Main; Back-main & touch, 11n(40HT) (MCS0), 5270 MHz

EUT: SKR3000; Type: P-61; Serial: A8CE-S002

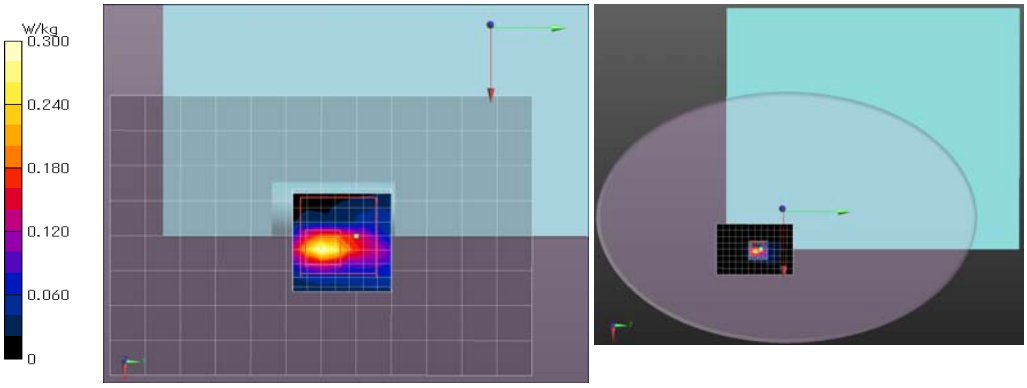
Mode: n40(MCS0,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5270 MHz; Crest Factor: 1.0**
Medium: MSL5800(1607); Medium parameters used: f = 5270 MHz; σ = 5.461 S/m; ε_r = 47.29; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.37, 4.37, 4.37); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

body-touch,frt&back/5g42w53b4,ant0,back&d0,n40(m0,p12),b5270/
Area Scan:80x120,stp10 (9x13x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.169 W/kg
Area Scan:80x120,stp10 (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.144 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 5.774 V/m; Power Drift = -0.14 dB; Maximum value of SAR (measured) = 0.300 W/kg; Peak SAR (extrapolated) = 0.599 W/kg

SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.015 W/kg



Remarks: *. Date tested: 2016/07/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 152 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.6(start)/23.6(end)/23.7(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 3-5: (Body) Antenna Main; Back-sub & touch, 11n(40HT) (MCS0), 5270 MHz

EUT: SKR3000; Type: P-61; Serial: A8CE-S002

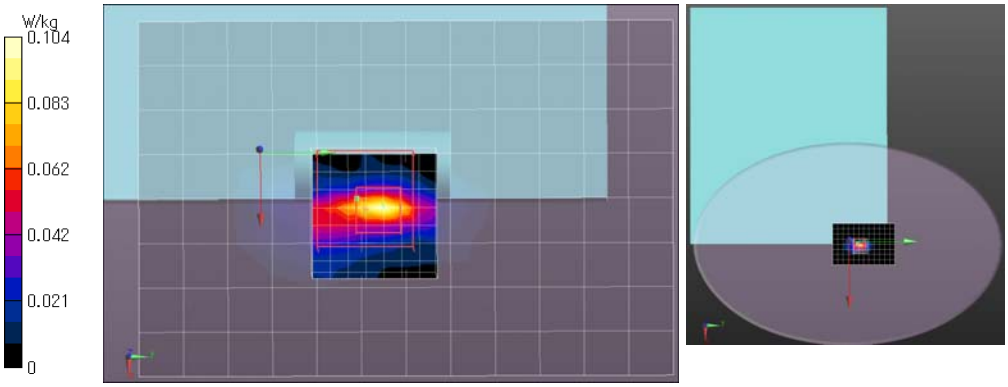
Mode: n40(MCS0,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5270 MHz; Crest Factor: 1.0**
Medium: MSL5800(1607); Medium parameters used: f = 5270 MHz; σ = 5.461 S/m; ε_r = 47.29; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.37, 4.37, 4.37); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

body-touch,frt&back/5g41w53b3,ant1,back&d0,n40(m0,p13),b5270/
Area Scan:80x120,stp10 (9x13x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.0724 W/kg
Area Scan:80x120,stp10 (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.0726 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 3.982 V/m; Power Drift = -0.02 dB; Maximum value of SAR (measured) = 0.104 W/kg; Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00179 W/kg



Remarks: *. Date tested: 2016/07/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 152 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.6(start)/23.6(end)/23.7(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: SAR measurement data / SAR test data plot of other test conditions Step 3: W52/53 band (Body) (cont'd)

Plot 3-7: (Body) Antenna Main; Long side-main & touch, 11n(40HT) (MCS0), 5270 MHz

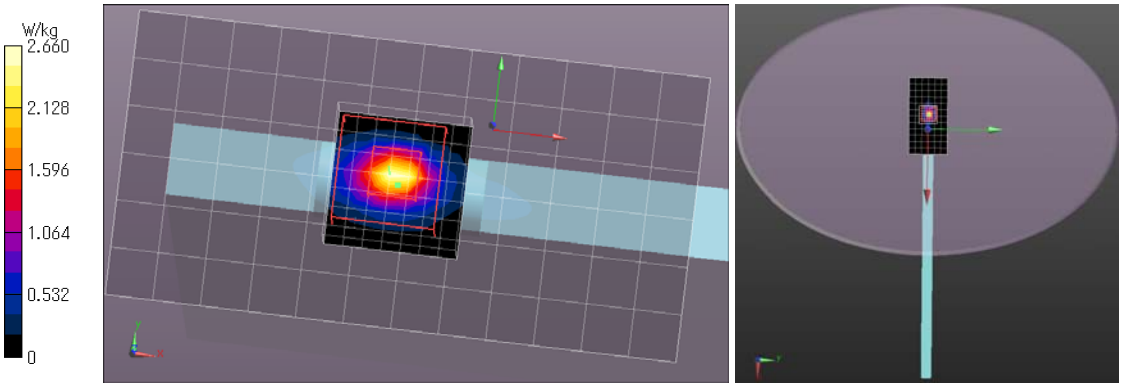
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: n40(MCS0,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5270 MHz; Crest Factor: 1.0**
Medium: MSL5800(1607); Medium parameters used: f = 5270 MHz; σ = 5.461 S/m; ε_r = 47.29; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.37, 4.37, 4.37); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

body-touch,w53,ant-main(chain0)/5g43&w53b5,ant0,side&d0,n40(m0,p12),b5270/
Area Scan:120x60,stp10 (13x7x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 2.07 W/kg
Area Scan:120x60,stp10 (121x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 2.16 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 23.45 V/m; Power Drift = -0.04 dB; Maximum value of SAR (measured) = 2.66 W/kg; Peak SAR (extrapolated) = 4.97 W/kg
SAR(1 g) = 0.891 W/kg; SAR(10 g) = 0.188 W/kg



Remarks: *. Date tested: 2016/07/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 152 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.6(start)/23.6(end)/23.7(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 3-8: (Body) Antenna Sub; Short side-sub & touch, 11n(40HT) (MCS0), 5270 MHz

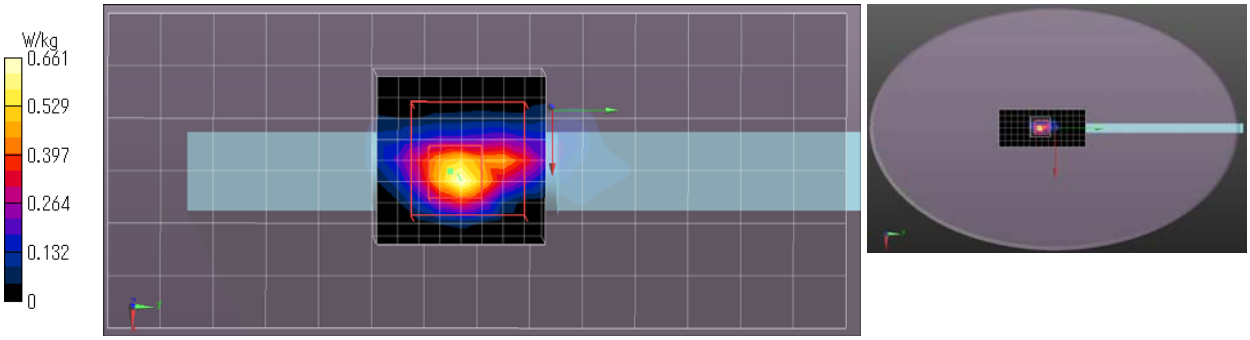
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: n40(MCS0,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5270 MHz; Crest Factor: 1.0**
Medium: MSL5800(1607); Medium parameters used: f = 5270 MHz; σ = 5.461 S/m; ε_r = 47.29; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.37, 4.37, 4.37); Calibrated: 2016/05/12; -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)
-Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0 -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section

body-touch,w53,ant-sub(chain1)/5g52w53b14,ant1,side&d0,n40(m0,p13),b5270/
Area Scan:60x140,stp10 (7x15x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.516 W/kg
Area Scan:60x140,stp10 (61x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.606 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 11.88 V/m; Power Drift = -0.04 dB; Maximum value of SAR (measured) = 0.661 W/kg; Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.048 W/kg



Remarks: *. Date tested: 2016/07/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 152 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.6(start)/23.7(end)/23.7(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: SAR measurement data / SAR test data plot of other test conditions Step 3: W52/53 band (Body) (cont'd)

Plot 3-9: (Body) Antenna Main; Long side-main & touch, 11a (6Mbps), 5300 MHz

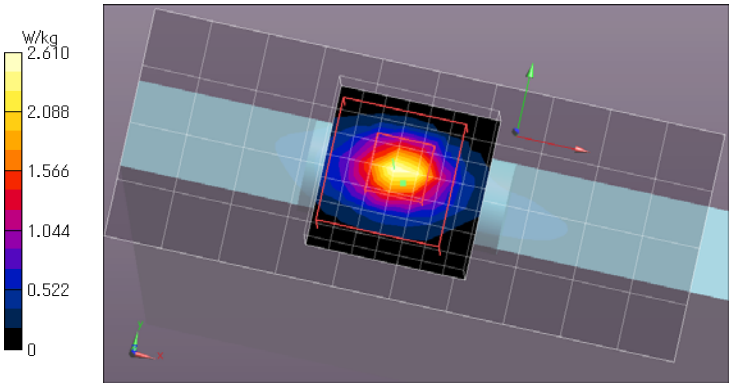
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: 11a(6Mbps,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5300 MHz; Crest Factor: 1.0**
Medium: MSL5800(1607); Medium parameters used: f = 5300 MHz; σ = 5.532 S/m; ε_r = 47.27; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.37, 4.37, 4.37); Calibrated: 2016/05/12; -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

body-touch,w53,ant-main(chain0)/5g45&w53b7,ant0,side&d0,a(6m,p12),b5300/
Area Scan:100x40,stp10 (11x5x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 2.07 W/kg
Area Scan:100x40,stp10 (101x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 2.17 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 23.28 V/m; Power Drift = 0.01 dB; Maximum value of SAR (measured) = 2.61 W/kg; Peak SAR (extrapolated) = 4.80 W/kg
SAR(1 g) = 0.865 W/kg; SAR(10 g) = 0.182 W/kg



Remarks: *. Date tested: 2016/07/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 152 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.5(start)/23.6(end)/23.7(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 3-10: (Body) Antenna Main; Long side-main & touch, 11a (6Mbps), 5320 MHz

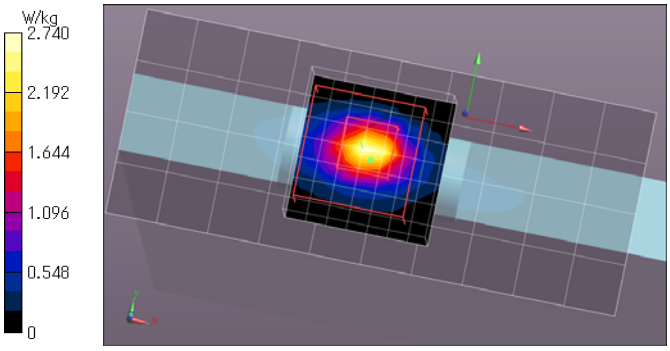
EUT: SKR3000; Type: P-61; Serial: A8CE-S002

Mode: 11a(6Mbps,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5320 MHz; Crest Factor: 1.0**
Medium: MSL5800(1607); Medium parameters used: f = 5320 MHz; σ = 5.506 S/m; ε_r = 47.23; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.37, 4.37, 4.37); Calibrated: 2016/05/12; -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

body-touch,w53,ant-main(chain0)/5g46&w53b8,ant0,side&d0,a(6m,p12),b5320/
Area Scan:100x40,stp10 (11x5x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 2.20 W/kg
Area Scan:100x40,stp10 (101x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 2.31 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 24.10 V/m; Power Drift = 0.01 dB; Maximum value of SAR (measured) = 2.74 W/kg; Peak SAR (extrapolated) = 5.11 W/kg
SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.189 W/kg



Remarks: *. Date tested: 2016/07/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 152 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.5(start)/23.6(end)/23.7(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 2-2: SAR measurement data / SAR test data plot of other test conditions Step 3: W52/53 band (Body) (cont'd)

Plot 3-11: (Body) Antenna Sub; Short side-sub & touch, 11a (6Mbps), 5300 MHz

EUT: SKR3000; Type: P-61; Serial: A8CE-S002

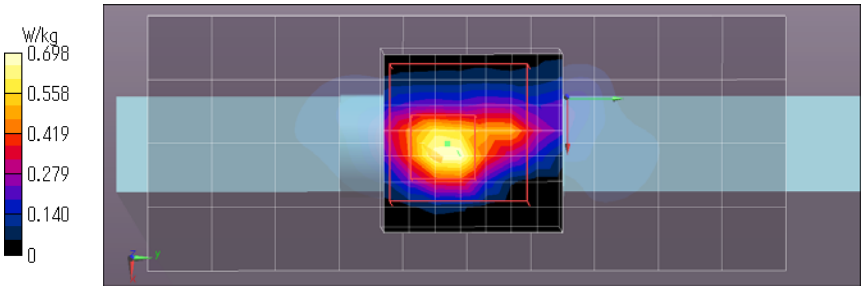
Mode: 11a(6Mbps,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5300 MHz; Crest Factor: 1.0**
Medium: MSL5800(1607); Medium parameters used: f = 5300 MHz; σ = 5.532 S/m; ε_r = 47.27; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.37, 4.37, 4.37); Calibrated: 2016/05/12; -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

body-touch,w53,ant-sub(chain1)/5g55w53b17,ant1,side&d0,a(6m,p13),b5300/
Area Scan:40x100,stp10 (5x11x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.601 W/kg
Area Scan:40x100,stp10 (41x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.630 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 12.87 V/m; Power Drift = -0.04 dB; Maximum value of SAR (measured) = 0.698 W/kg; Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.054 W/kg



Remarks: *. Date tested: 2016/07/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 152 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.7(start)/23.7(end)/23.7(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 3-12: (Body) Antenna Sub; Short side-sub & touch, 11a (6Mbps), 5320 MHz

EUT: SKR3000; Type: P-61; Serial: A8CE-S002

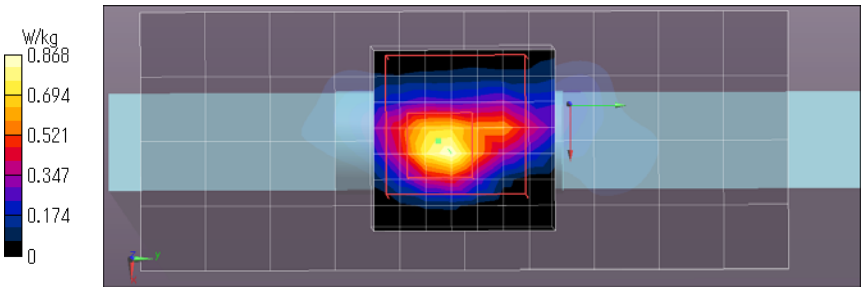
Mode: 11a(6Mbps,BPSK/OFDM)(UID 0, Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5320 MHz; Crest Factor: 1.0**
Medium: MSL5800(1607); Medium parameters used: f = 5320 MHz; σ = 5.506 S/m; ε_r = 47.23; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Probe: EX3DV4 - SN3907; ConvF(4.37, 4.37, 4.37); Calibrated: 2016/05/12; -Electronics: DAE4 Sn626; Calibrated: 2015/09/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0
-Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

body-touch,w53,ant-sub(chain1)/5g56w53b18,ant1,side&d0,a(6m,p13),b5320/
Area Scan:40x100,stp10 (5x11x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.712 W/kg
Area Scan:40x100,stp10 (41x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.779 W/kg

Zoom:28x28x24,xy4-z1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 13.98 V/m; Power Drift = -0.02 dB; Maximum value of SAR (measured) = 0.868 W/kg; Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.065 W/kg



Remarks: *. Date tested: 2016/07/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 152 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: 24~25 deg.C. / 50 ± 10 %RH,
*. liquid temperature: 23.7(start)/23.7(end)/23.7(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)