APPENDIX 2: SAR Measurement data

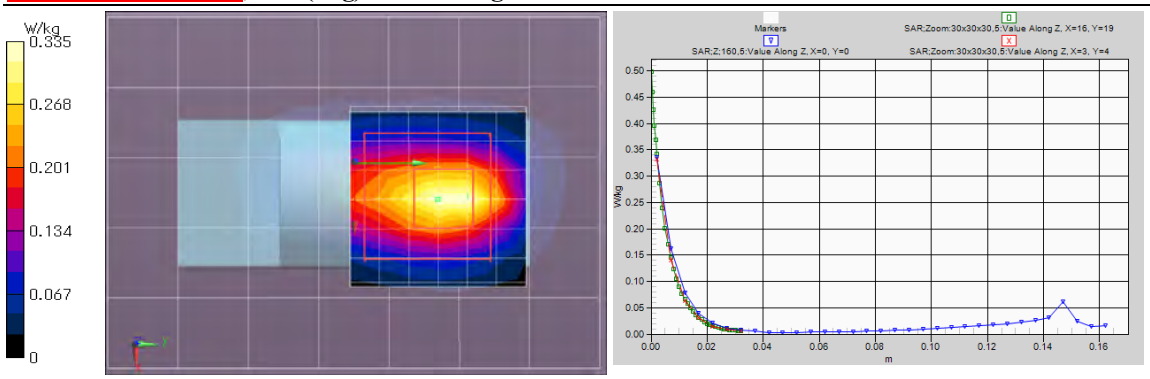
SAR plot of worst reported SAR (Platform alone)

Plot 1a-1: (Platform alone) Side-Left & touch, 11b(1Mbps, CDD), 2462 MHz ->Highest reported SAR(1g), 2.4GHz band
EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6
Mode: b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**
Medium: M2450(1905); Medium parameters used: f = 2462 MHz; σ = 2.006 S/m; ε_r = 50.23; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2462 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0, 161.0

touch,side-L/24b12;2462,side-L&d0,b(1m,cdd)/
Area:60x84,12 (6x8x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.219 W/kg
Area:60x84,12 (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.335 W/kg
Z;160,5 (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.335 W/kg

Zoom:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 13.03 V/m; Power Drift = 0.10 dB; Maximum value of SAR (measured) = 0.333 W/kg; Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.086 W/kg



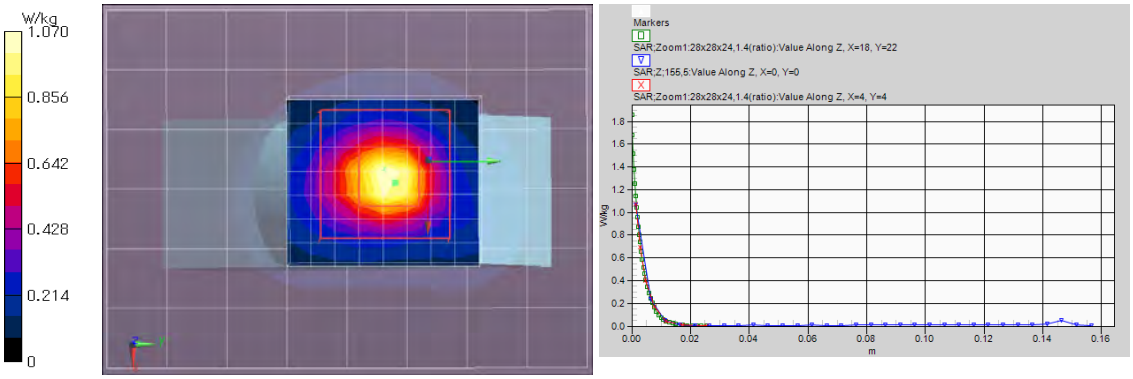
Remarks: *. Date tested: 2019/05/28; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (45~60) %RH,
*. liquid temperature: 22.6(start)/22.6(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2a-1: (Platform alone) Front-top-tilt & touch, n20(MCS0, CDD), 5300 MHz ->Highest reported SAR(1g), U-NII-1/-2A band
EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6
Mode: n20(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5300 MHz; Crest Factor: 1.0**
Medium: MSL5800(1905); Medium parameters used: f = 5300 MHz; σ = 5.518 S/m; ε_r = 48.14; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5300 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

touch,mode,ch-L,M,H/5b33.53.12;5300,frt-top-tilt,n20(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 1.02 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 1.10 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 1.06 W/kg

Zoom1:28x28x24,1.4(ratio) (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 16.20 V/m; Power Drift = -0.03 dB; Maximum value of SAR (measured) = 1.07 W/kg; Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.124 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.0(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plot of worst reported SAR (Platform alone)

Plot 3a-1: (Platform alone) Front-tip & touch, ac80(MCS0, CDD), 5530 MHz ->Higher reported SAR(1g), U-NII-2C band

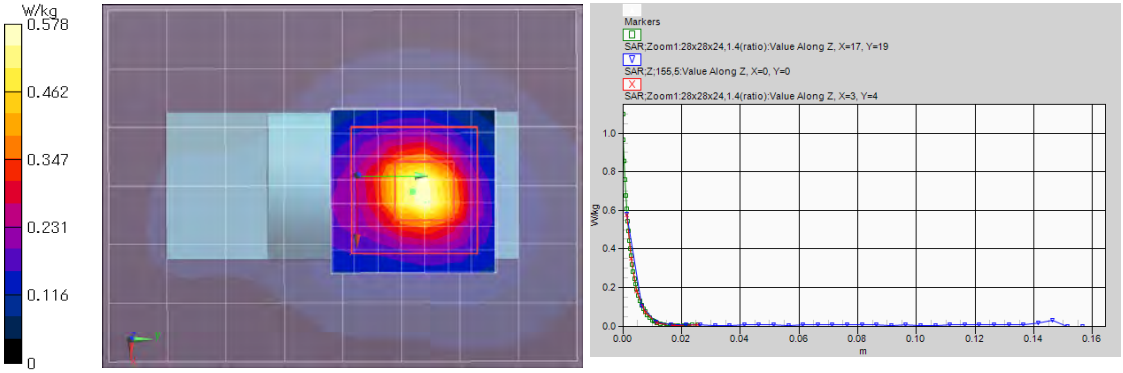
EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5530 MHz; Crest Factor: 1.0**
Medium: MSL5800(1905); Medium parameters used: f = 5530 MHz; σ = 5.818 S/m; ε_r = 47.74; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) /-Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5530 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

touch,frt/5b8.56.2;5530,frt-tip,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.515 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.525 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.581 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 11.38 V/m; Power Drift = 0.02 dB; Maximum value of SAR (measured) = 0.578 W/kg; Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.070 W/kg



Remarks: *. Date tested: 2019/05/21; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.0(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 4a-1: (Platform alone) Back-top-tilt & touch, ac80(MCS0, CDD), 5775 MHz ->Highest reported SAR(1g), U-NII-3 band

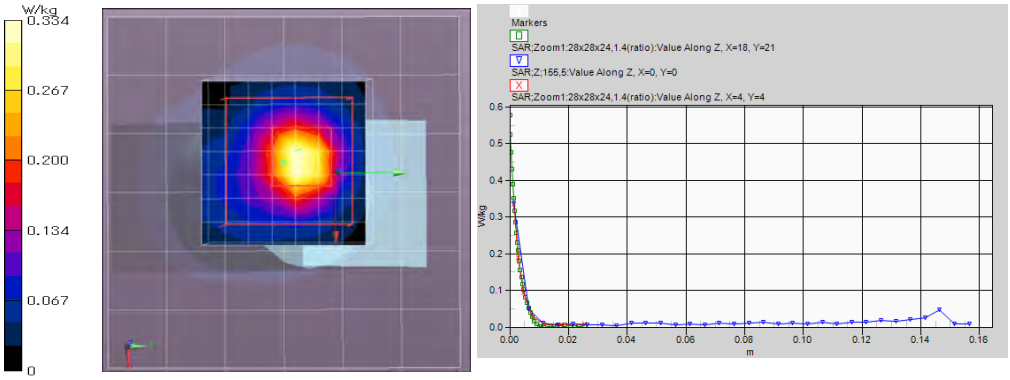
EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5775 MHz; Crest Factor: 1.0**
Medium: MSL5800(1905); Medium parameters used: f = 5775 MHz; σ = 6.172 S/m; ε_r = 47.38; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5775 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

touch,other-pos/5b18.58.5;5775,back-top-tilt,ac80(m0,ccd)/
Area:60x60,10 (7x7x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.230 W/kg
Area:60x60,10 (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.280 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.338 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 7.880 V/m; Power Drift = 0.07 dB; Maximum value of SAR (measured) = 0.334 W/kg; Peak SAR (extrapolated) = 0.577 W/kg
SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.025 W/kg



Remarks: *. Date tested: 2019/05/22; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~60) %RH,
*. liquid temperature: 23.1(start)/23.1(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plot of worst reported SAR (Platform + Host camera)

Plot 1b-1: (Platform+Host camera) Side-Left & touch, 11b(1Mbps, CDD), 2462 MHz ->Higher reported SAR(1g), 2.4GHz band

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: 11b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**

Medium: M2450(1905); Medium parameters used: f = 2462 MHz; σ = 2.002 S/m; ε_r = 50.37; ρ = 1000 kg/m^3

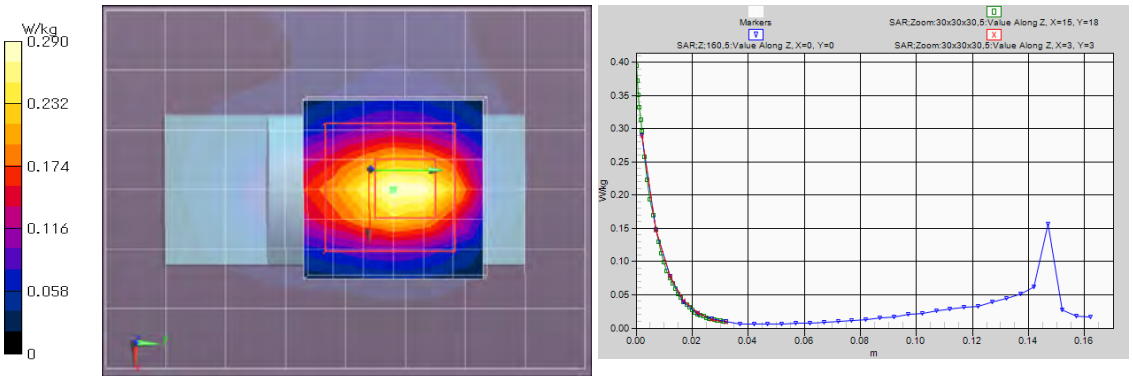
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2462 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0, 161.0

touch1/dc24b10re;2462,side-L&d0,b(1m,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.292 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.298 W/kg
Z;160,5 (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.290 W/kg

Zoom:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 12.24 V/m; Power Drift = -0.01 dB; Maximum value of SAR (measured) = 0.290 W/kg; Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.084 W/kg



Remarks: *. Date tested: 2019/05/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %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 2b-1: (Platform+Host camera) Front-top-tilt & touch, ac80(MCS0, MIMO), 5290 MHz ->Higher reported SAR(1g), U-NII-1/-2A band

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.559 S/m; ε_r = 47.95; ρ = 1000 kg/m^3

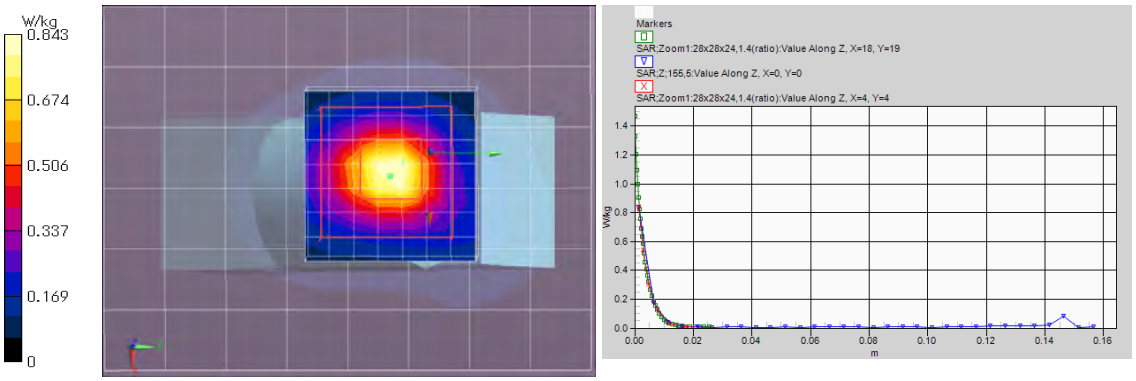
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) /-Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

touch,initial,mode/5B14re.53.1b;5290,frt-top-tilt,ac80(m0,mimo)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.775 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.847 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.840 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 14.35 V/m; Power Drift = 0.04 dB; Maximum value of SAR (measured) = 0.843 W/kg; Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.102 W/kg



Remarks: *. Date tested: 2019/05/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

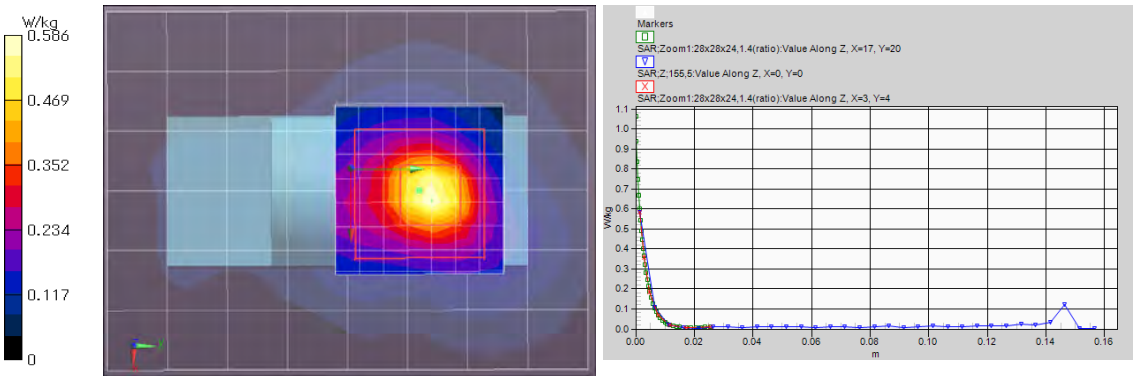
SAR plot of worst reported SAR (Platform + Host camera)

Plot 3b-1: (Platform+Host camera) Front-tip & touch, ac80(MCS0, CDD), 5530 MHz ->Highest reported SAR(1g), U-NII-2C band
EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6
Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5530 MHz; Crest Factor: 1.0**
Medium: MSL5800(1905); Medium parameters used: f = 5530 MHz; σ = 5.879 S/m; ε_r = 47.56; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5530 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,frt/5B5.56.2;5530,frt-tip,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.487 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.499 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.585 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 11.04 V/m; Power Drift = -0.09 dB; Maximum value of SAR (measured) = 0.586 W/kg; Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.074 W/kg



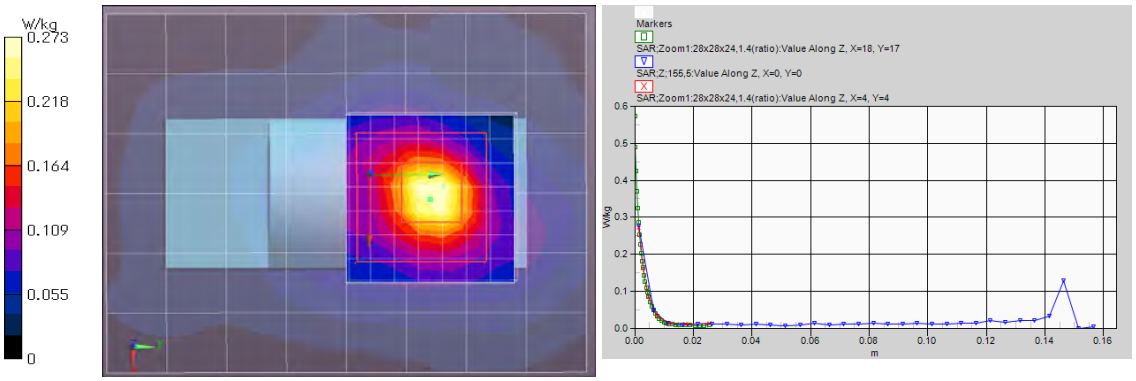
Remarks: *. Date tested: 2019/05/24; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.7(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 4b-1: (Platform+Host camera) Front-tip & touch, ac80(MCS0, CDD), 5775 MHz ->Higher reported SAR(1g), U-NII-3 band
EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6
Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5775 MHz; Crest Factor: 1.0**
Medium: MSL5800(1905); Medium parameters used: f = 5775 MHz; σ = 6.217 S/m; ε_r = 47.17; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5775 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,frt/5B6.58.2;5775,frt-tip,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.237 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.250 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.278 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 7.778 V/m; Power Drift = 0.07 dB; Maximum value of SAR (measured) = 0.273 W/kg; Peak SAR (extrapolated) = 0.573 W/kg
SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.036 W/kg



Remarks: *. Date tested: 2019/05/24; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 1a-2: (2.4GHz band, Platform alone) Front-top-tilt & touch, 11b(1Mbps, CDD), 2462 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**

Medium: M2450(1905); Medium parameters used: f = 2462 MHz; σ = 2.006 S/m; ε_r = 50.23; ρ = 1000 kg/m^3

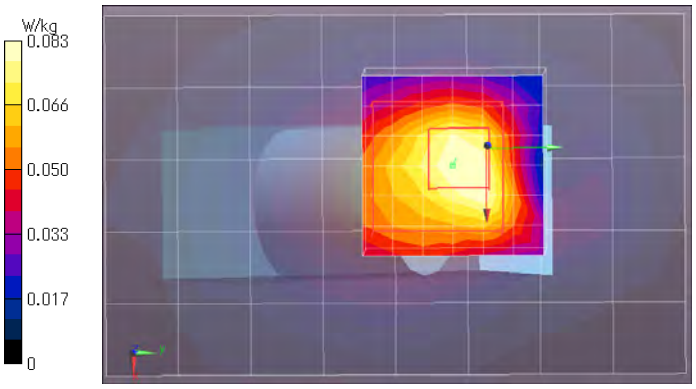
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2462 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

touch1/24b1;2462,frt-top-tilt&d0,b(1m,cdd)/
Area1:60x96,12 (6x9x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.0839 W/kg
Area1:60x96,12 (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.0917 W/kg

Zoom1:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 6.505 V/m; Power Drift = 0.12 dB; Maximum value of SAR (measured) = 0.0829 W/kg; Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.030 W/kg



Remarks: *. Date tested: 2019/05/28; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (45~60) %RH,
*. liquid temperature: 22.3(start)/22.3(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 1a-3: (2.4GHz band, Platform alone) Side-Right & touch, 11b(1Mbps, CDD), 2462 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**

Medium: M2450(1905); Medium parameters used: f = 2462 MHz; σ = 2.006 S/m; ε_r = 50.23; ρ = 1000 kg/m^3

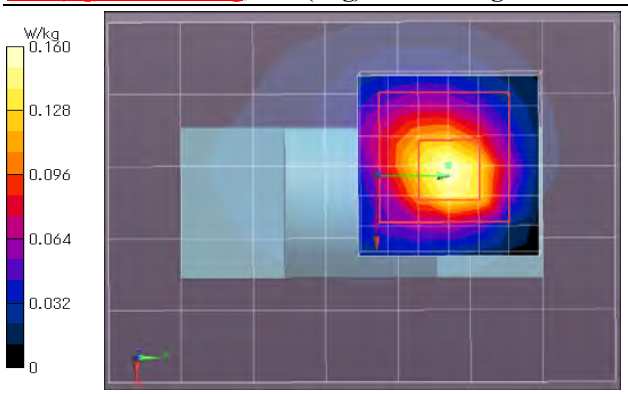
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2462 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

touch1/24b11;2462,side-R&d0,b(1m,cdd)/
Area:60x84,12 (6x8x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.148 W/kg
Area:60x84,12 (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.176 W/kg

Zoom:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 9.085 V/m; Power Drift = -0.03 dB; Maximum value of SAR (measured) = 0.160 W/kg; Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.041 W/kg



Remarks: *. Date tested: 2019/05/28; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (45~60) %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: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 1a-4: (2.4GHz band, Platform alone) Front-tip & touch, 11b(1Mbps, CDD), 2462 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**

Medium: M2450(1905); Medium parameters used: f = 2462 MHz; σ = 2.006 S/m; ε_r = 50.23; ρ = 1000 kg/m^3

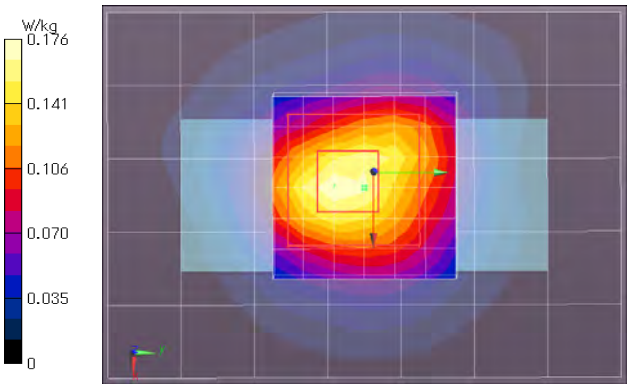
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2462 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

touch1/24b2;2462,frt-tip&d0,b(1m,cdd)/
Area:60x84,12 (6x8x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.149 W/kg
Area:60x84,12 (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.185 W/kg

Zoom1:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 9.282 V/m; Power Drift = 0.04 dB; Maximum value of SAR (measured) = 0.176 W/kg; Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.060 W/kg



Remarks: *. Date tested: 2019/05/28; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (45~60) %RH,
*. liquid temperature: 22.3(start)/22.3(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 1a-5: (2.4GHz band, Platform alone) Front-Left & touch, 11b(1Mbps, CDD), 2462 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**

Medium: M2450(1905); Medium parameters used: f = 2462 MHz; σ = 2.006 S/m; ε_r = 50.23; ρ = 1000 kg/m^3

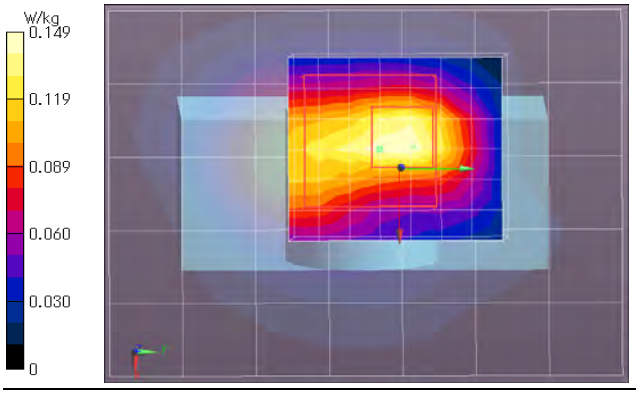
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2462 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

touch1/24b3;2462,frt-L&d0,b(1m,cdd)/
Area:60x84,12 (6x8x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.140 W/kg
Area:60x84,12 (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.149 W/kg

Zoom1:30x30x30,5 (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 8.599 V/m; Power Drift = 0.12 dB; Maximum value of SAR (measured) = 0.149 W/kg; Peak SAR (extrapolated) = 0.204 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.049 W/kg



Remarks: *. Date tested: 2019/05/28; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (45~60) %RH,
*. liquid temperature: 22.3(start)/22.3(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 1a-6: (2.4GHz band, Platform alone) Front-Right & touch, 11b(1Mbps, CDD), 2462 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**

Medium: M2450(1905); Medium parameters used: f = 2462 MHz; σ = 2.006 S/m; ε_r = 50.23; ρ = 1000 kg/m^3

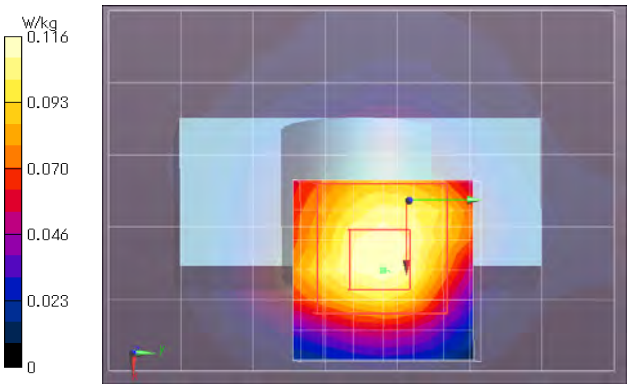
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2462 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

touch1/24b4;2462,frt-R&d0,b(1m,cdd)/
Area:60x84,12 (6x8x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.113 W/kg
Area:60x84,12 (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.131 W/kg

Zoom:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 7.823 V/m; Power Drift = -0.06 dB; Maximum value of SAR (measured) = 0.116 W/kg; Peak SAR (extrapolated) = 0.159 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.043 W/kg



Remarks: *. Date tested: 2019/05/28; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (45~60) %RH,
*. liquid temperature: 22.4(start)/22.5(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 1a-7: (2.4GHz band, Platform alone) Top & touch, 11b(1Mbps, CDD), 2462 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**

Medium: M2450(1905); Medium parameters used: f = 2462 MHz; σ = 2.006 S/m; ε_r = 50.23; ρ = 1000 kg/m^3

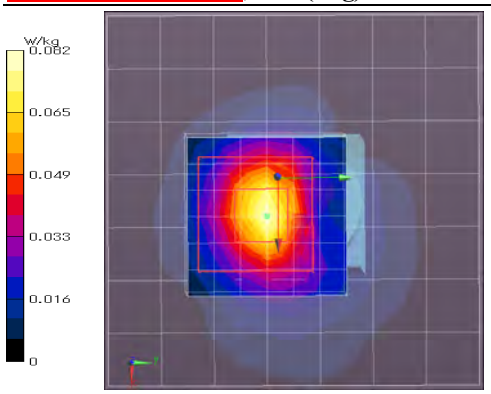
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2462 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

touch1/24b5;2462,top&d0,b(1m,cdd)/
Area:70x70,10 (8x8x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.0760 W/kg
Area:70x70,10 (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.0774 W/kg

Zoom:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 6.512 V/m; Power Drift = -0.20 dB; Maximum value of SAR (measured) = 0.0818 W/kg; Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.020 W/kg



Remarks: *. Date tested: 2019/05/28; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (45~60) %RH,
*. liquid temperature: 22.5(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: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 1a-8: (2.4GHz band, Platform alone) Back-top-tilt & touch, 11b(1Mbps, CDD), 2462 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**

Medium: M2450(1905); Medium parameters used: f = 2462 MHz; σ = 2.006 S/m; ε_r = 50.23; ρ = 1000 kg/m^3

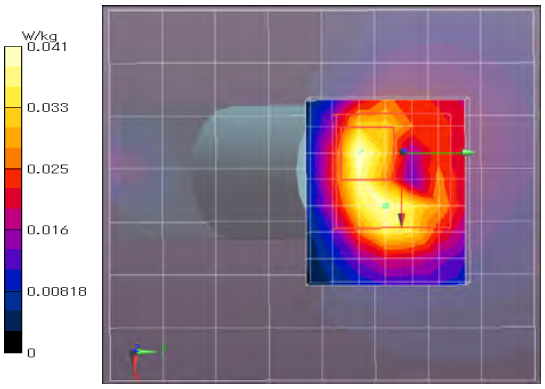
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2462 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

touch1/24b7;2462,back-top-tilt&d0,b(1m,cdd)/
Area:70x80,10 (8x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.0352 W/kg
Area:70x80,10 (71x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.0422 W/kg

Zoom:30x30x30,5 (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 4.537 V/m; Power Drift = 0.15 dB; Maximum value of SAR (measured) = 0.0409 W/kg; Peak SAR (extrapolated) = 0.0640 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.013 W/kg



Remarks: *. Date tested: 2019/05/28; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (45~60) %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 1a-9: (2.4GHz band, Platform alone) Bottom & touch, 11b(1Mbps, CDD), 2462 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**

Medium: M2450(1905); Medium parameters used: f = 2462 MHz; σ = 2.006 S/m; ε_r = 50.23; ρ = 1000 kg/m^3

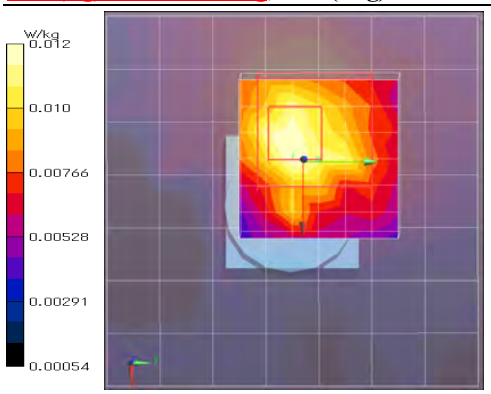
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2462 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

touch1/24b6;2462,btm&d0,b(1m,cdd)/
Area:70x70,10 (8x8x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.0114 W/kg
Area:70x70,10 (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.0120 W/kg

Zoom:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 2.442 V/m; Power Drift = 0.03 dB; Maximum value of SAR (measured) = 0.0124 W/kg; Peak SAR (extrapolated) = 0.0190 W/kg

SAR(1 g) = 0.00881 W/kg; SAR(10 g) = 0.00497 W/kg



Remarks: *. Date tested: 2019/05/28; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (45~60) %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: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 1a-10: (2.4GHz band, Platform alone) Side-Left & touch, 11b(1Mbps, CDD), 2412 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2412 MHz; Crest Factor: 1.0**

Medium: M2450(1905); Medium parameters used: f = 2412 MHz; σ = 1.94 S/m; ε_r = 50.42; ρ = 1000 kg/m^3

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

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2412 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

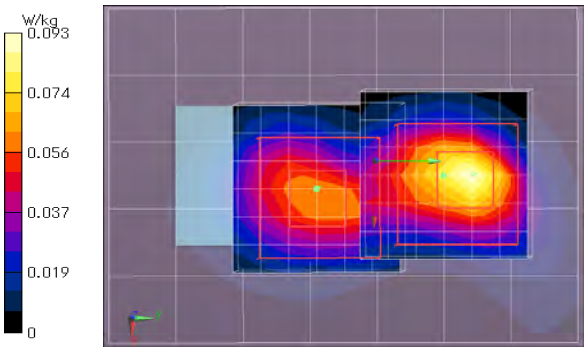
touch,side-L/24b14;2412,side-L&d0,b(1m,cdd)/
Area:60x84,12 (6x8x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.0635 W/kg
Area:60x84,12 (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.0956 W/kg

Zoom1(Antenna A):30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 6.589 V/m; Power Drift = 0.12 dB; Maximum value of SAR (measured) = 0.0926 W/kg; Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.023 W/kg

Zoom2(Antenna B):30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 5.728 V/m; Power Drift = 0.20 dB; Maximum value of SAR (measured) = 0.0618 W/kg; Peak SAR (extrapolated) = 0.0910 W/kg

SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.020 W/kg



Remarks: *. Date tested: 2019/05/28; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (45~60) %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 1a-11: (2.4GHz band, Platform alone) Side-Left & touch, 11b(1Mbps, CDD), 2437 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2437 MHz; Crest Factor: 1.0**

Medium: M2450(1905); Medium parameters used: f = 2437 MHz; σ = 1.974 S/m; ε_r = 50.34; ρ = 1000 kg/m^3

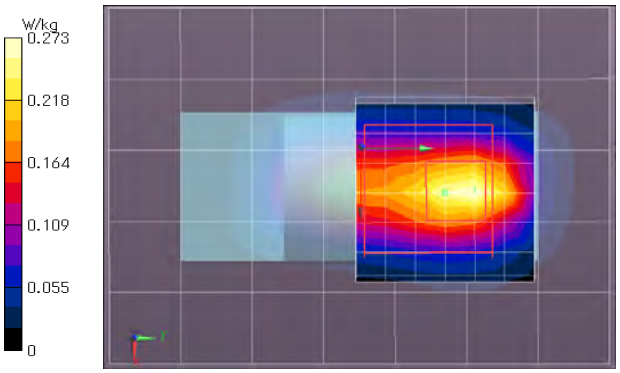
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section
-DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2437 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

touch,side-L/24b13;2437,side-L&d0,b(1m,cdd)/
Area:60x84,12 (6x8x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.191 W/kg
Area:60x84,12 (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.268 W/kg

Zoom:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 11.64 V/m; Power Drift = 0.06 dB; Maximum value of SAR (measured) = 0.273 W/kg; Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.070 W/kg



Remarks: *. Date tested: 2019/05/28; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (45~60) %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: SAR Measurement data (cont'd)

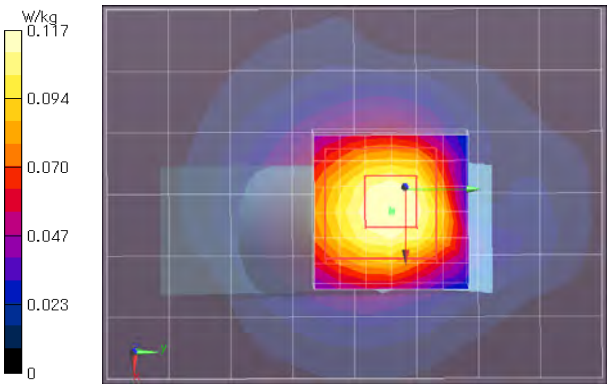
SAR plots of other SAR conditions

Plot 1b-2: (2.4GHz band, Platform+Host camera) Front-top-tilt & touch, 11b(1Mbps, CDD), 2462 MHz
EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6
Mode: 11b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**
Medium: M2450(1905); Medium parameters used: f = 2462 MHz; σ = 2.002 S/m; ε_r = 50.37; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) /-Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2462 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

touch1/dc24b8;2462,frt-top-tilt&d0,b(1m,cdd)/
Area1:72x96,12 (7x9x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.109 W/kg
Area1:72x96,12 (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.134 W/kg

Zoom1:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 7.801 V/m; Power Drift = -0.01 dB; Maximum value of SAR (measured) = 0.117 W/kg; Peak SAR (extrapolated) = 0.161 W/kg
SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.045 W/kg



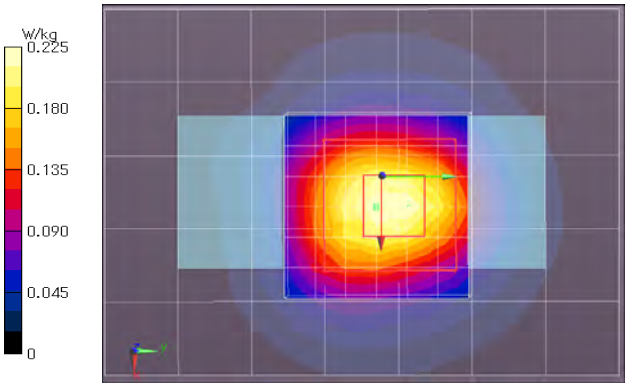
Remarks: *. Date tested: 2019/05/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.6(start)/22.6(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 1b-3: (2.4GHz band, Platform+Host camera) Front-tip & touch, 11b(1Mbps, CDD), 2462 MHz
EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6
Mode: 11b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**
Medium: M2450(1905); Medium parameters used: f = 2462 MHz; σ = 2.002 S/m; ε_r = 50.37; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) /-Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2462 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

touch1/dc24b1;2462,frt-tip&d0,b(1m,cdd)/
Area:60x84,12 (6x8x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.213 W/kg
Area:60x84,12 (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.247 W/kg

Zoom1:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 10.72 V/m; Power Drift = 0.01 dB; Maximum value of SAR (measured) = 0.225 W/kg; Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.077 W/kg



Remarks: *. Date tested: 2019/05/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %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: SAR Measurement data (cont'd)

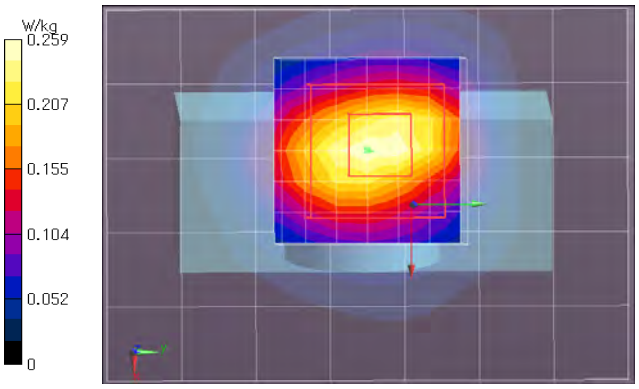
SAR plots of other SAR conditions

Plot 1b-4: (2.4GHz band, Platform+Host camera) Front-Left & touch, 11b(1Mbps, CDD), 2462 MHz
EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6
Mode: 11b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**
Medium: M2450(1905); Medium parameters used: f = 2462 MHz; σ = 2.002 S/m; ε_r = 50.37; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) /-Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2462 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

touch1/dc24b5;2462,frt-L&d0,b(1m,cdd)/
Area:60x84,12 (6x8x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.238 W/kg
Area:60x84,12 (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.279 W/kg

Zoom1:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 11.51 V/m; Power Drift = -0.01 dB; Maximum value of SAR (measured) = 0.259 W/kg; Peak SAR (extrapolated) = 0.343 W/kg
SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.088 W/kg



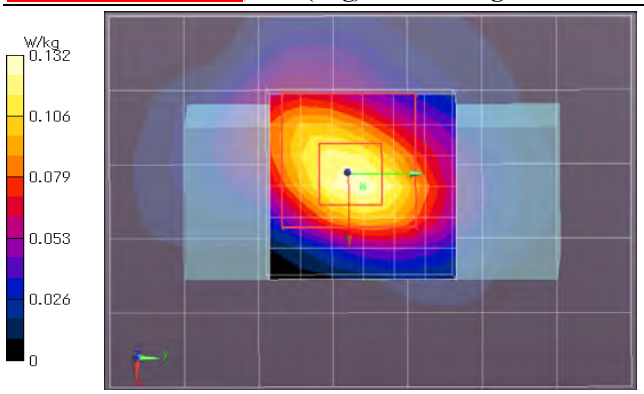
Remarks: *. Date tested: 2019/05/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.6(start)/22.5(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 1b-5: (2.4GHz band, Platform+Host camera) Front-Right & touch, 11b(1Mbps, CDD), 2462 MHz
EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6
Mode: 11b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**
Medium: M2450(1905); Medium parameters used: f = 2462 MHz; σ = 2.002 S/m; ε_r = 50.37; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) /-Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2462 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

touch1/dc24b4;2462,frt-R&d0,b(1m,cdd)/
Area:60x84,12 (6x8x1): Measurement grid: dx=12mm, dy=12mm; Maximum value of SAR (measured) = 0.120 W/kg
Area:60x84,12 (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm; Maximum value of SAR (interpolated) = 0.135 W/kg

Zoom1:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 8.215 V/m; Power Drift = 0.03 dB; Maximum value of SAR (measured) = 0.132 W/kg; Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.042 W/kg



Remarks: *. Date tested: 2019/05/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %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: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 1b-6: (2.4GHz band, Platform+Host camera) Top & touch, 11b(1Mbps, CDD), 2462 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: 11b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2462 MHz; Crest Factor: 1.0**

Medium: M2450(1905); Medium parameters used: f = 2462 MHz; σ = 2.002 S/m; ε_r = 50.37; ρ = 1000 kg/m^3

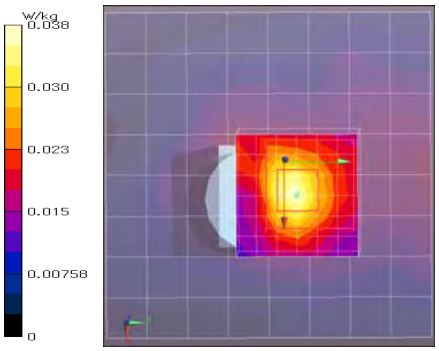
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) /-Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2462 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

touch1/dc24b9;2462,top&d0,b(1m,cdd)/
Area:80x80,10 (9x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.0280 W/kg
Area:80x80,10 (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.0300 W/kg

Zoom:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 4.392 V/m; Power Drift = 0.05 dB; Maximum value of SAR (measured) = 0.0379 W/kg; Peak SAR (extrapolated) = 0.0570 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.012 W/kg



Remarks: *. Date tested: 2019/05/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %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 1b-7: (2.4GHz band, Platform+Host camera) Side-Left & touch, 11b(1Mbps, CDD), 2412 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: 11b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2412 MHz; Crest Factor: 1.0**

Medium: M2450(1905); Medium parameters used: f = 2412 MHz; σ = 1.938 S/m; ε_r = 50.58; ρ = 1000 kg/m^3

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

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) /-Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2412 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

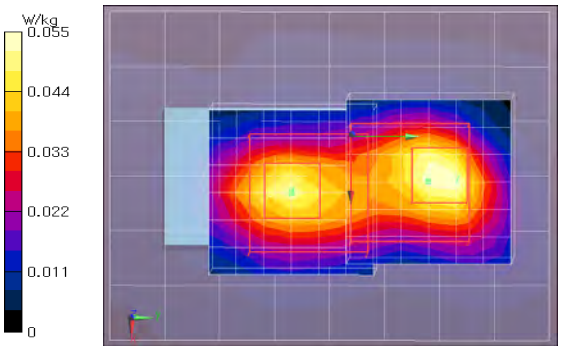
touch,side-L/dc24b12;2412,side-L&d0,b(1m,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.0601 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.0636 W/kg

Zoom(1,A):30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 5.387 V/m; Power Drift = 0.09 dB; Maximum value of SAR (measured) = 0.0549 W/kg; Peak SAR (extrapolated) = 0.0830 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.018 W/kg

Zoom(2,B):30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 5.199 V/m; Power Drift = 0.01 dB; Maximum value of SAR (measured) = 0.0503 W/kg; Peak SAR (extrapolated) = 0.0660 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.019 W/kg



Remarks: *. Date tested: 2019/05/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.6(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: SAR Measurement data (cont'd)

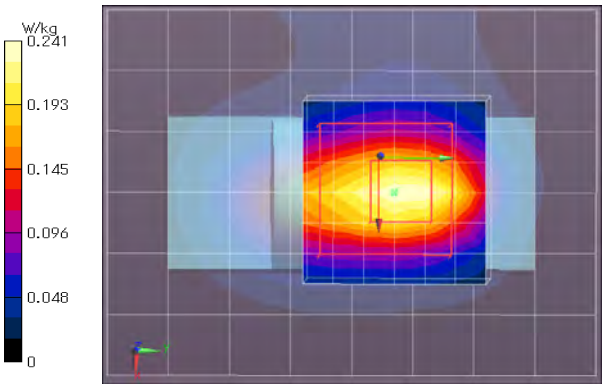
SAR plots of other SAR conditions

Plot 1b-8: (2.4GHz band, Platform+Host camera) Side-Left & touch, 11b(1Mbps, CDD), 2437 MHz
EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6
Mode: 11b(1Mbps/CDD, DSSS) (UID: 0, Wi-fi_2.4GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 2437 MHz; Crest Factor: 1.0**
Medium: M2450(1905); Medium parameters used: f = 2437 MHz; σ = 1.97 S/m; ε_r = 50.48; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2437 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0

touch,side-L/dc24b11;2437,side-L&d0,b(1m,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.241 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.250 W/kg

Zoom:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 11.26 V/m; Power Drift = -0.00 dB; Maximum value of SAR (measured) = 0.241 W/kg; Peak SAR (extrapolated) = 0.323 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.077 W/kg



Remarks: *. Date tested: 2019/05/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %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: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 2a-2: (U-NII-1/-2A, Platform alone) Front-top-tilt & touch, ac80(MCS0, CDD, 5290 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.505 S/m; ε_r = 48.16; ρ = 1000 kg/m^3

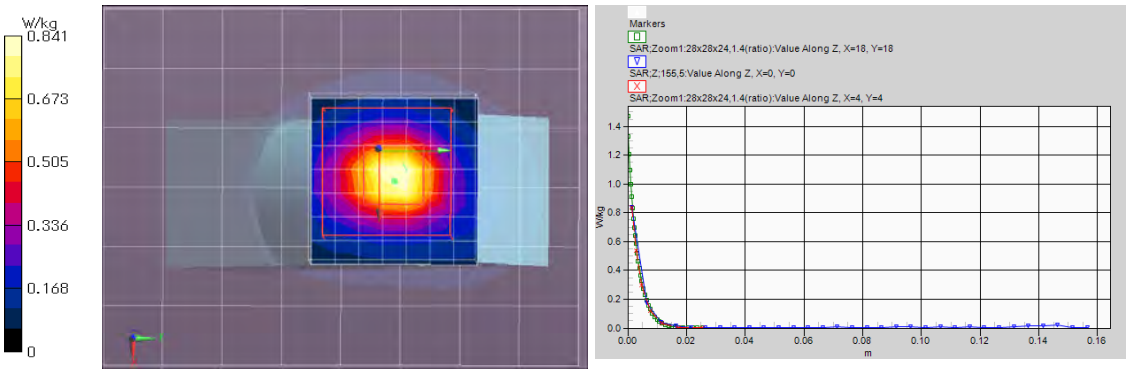
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

touch,initial-pos./5b1re.53.1re;5290,frt-top-tilt,ac80(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.863 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.887 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.838 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 14.39 V/m; Power Drift = -0.00 dB; Maximum value of SAR (measured) = 0.841 W/kg; Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.098 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.0(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2a-3: (U-NII-1/-2A, Platform alone) Front-top-tilt & touch, ac80(MCS0, MIMO, 5290 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/MIMO, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.505 S/m; ε_r = 48.16; ρ = 1000 kg/m^3

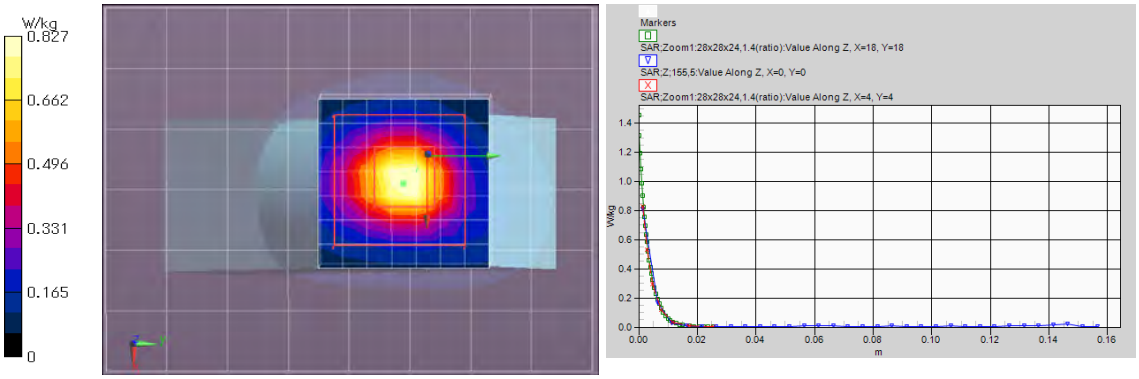
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

touch,initial-pos./5b1bre.53.1bre;5290,frt-top-tilt,ac80(m0,mimo)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.849 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.873 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.810 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 14.40 V/m; Power Drift = 0.03 dB; Maximum value of SAR (measured) = 0.827 W/kg; Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.098 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.0(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 2a-4: (U-NII-1/-2A, Platform alone) Front-top-tilt & touch, ac80(MCS0, MIMO, 5210 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5210 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5210 MHz; σ = 5.401 S/m; ε_r = 48.31; ρ = 1000 kg/m^3

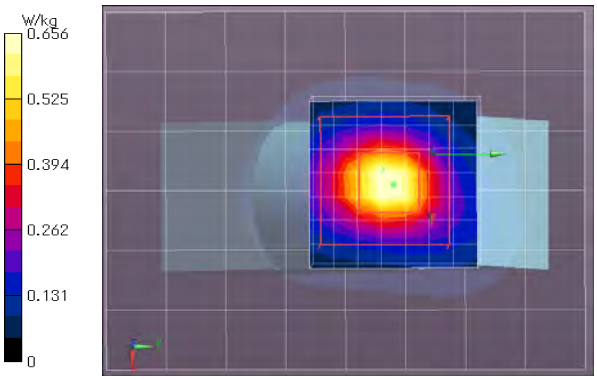
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5210 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,initial-pos./5b5.52.1;5210,frt-top-tilt,ac80(m0,cdd,mimo)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.646 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.674 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 12.97 V/m; Power Drift = -0.08 dB; Maximum value of SAR (measured) = 0.656 W/kg; Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.080 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.0(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2a-5: (U-NII-1/-2A, Platform alone) Side-Left & touch, ac80(MCS0, CDD), 5290 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.505 S/m; ε_r = 48.16; ρ = 1000 kg/m^3

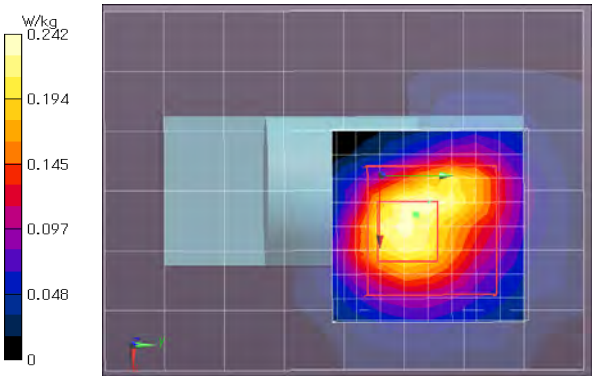
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,side/5b25.53.8;5290,side-L,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.212 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.300 W/kg

Zoom1:28x28x24,1.4(ratio) (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 7.531 V/m; Power Drift = 0.13 dB; Maximum value of SAR (measured) = 0.242 W/kg; Peak SAR (extrapolated) = 0.928 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.035 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 22.9(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 2a-6: (U-NII-1/-2A, Platform alone) Side-Right & touch, ac80(MCS0, CDD), 5290 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.505 S/m; ε_r = 48.16; ρ = 1000 kg/m^3

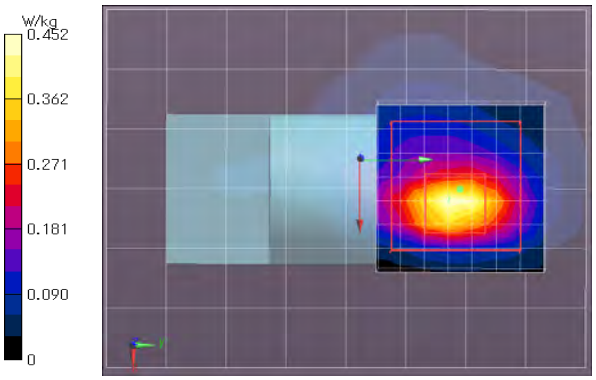
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,side/5b28.53.9;5290,side-R,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.395 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.401 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 9.674 V/m; Power Drift = -0.20 dB; Maximum value of SAR (measured) = 0.452 W/kg; Peak SAR (extrapolated) = 0.844 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.048 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 22.9(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2a-7: (U-NII-1/-2A, Platform alone) Front-tip & touch, ac80(MCS0, CDD), 5290 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.505 S/m; ε_r = 48.16; ρ = 1000 kg/m^3

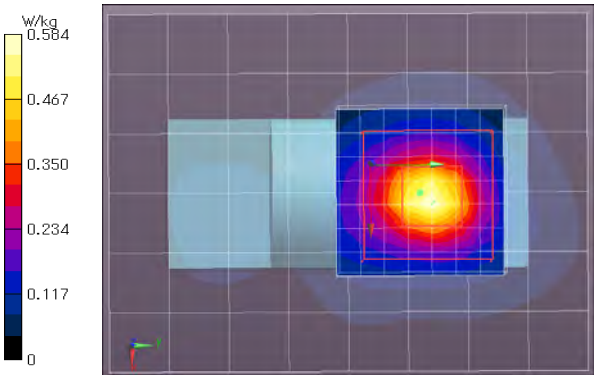
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) /-Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,frt/5b7.53.2;5290,frt-tip,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.505 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.524 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 11.61 V/m; Power Drift = -0.15 dB; Maximum value of SAR (measured) = 0.584 W/kg; Peak SAR (extrapolated) = 0.982 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.071 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.1(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 2a-8: (U-NII-1/-2A, Platform alone) Front-Left & touch, ac80(MCS0, CDD), 5290 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.505 S/m; ε_r = 48.16; ρ = 1000 kg/m^3

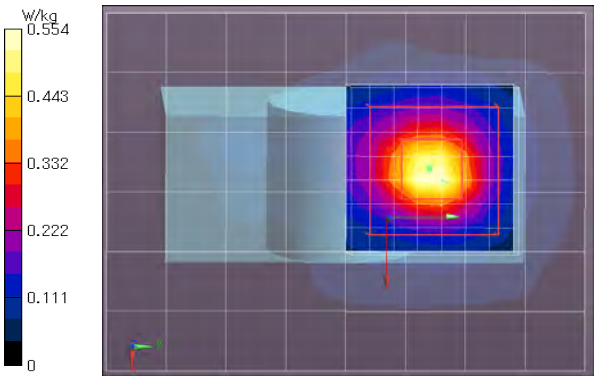
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,frt/5b15.53.4;5290,frt-L,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.429 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.527 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 11.55 V/m; Power Drift = -0.03 dB; Maximum value of SAR (measured) = 0.554 W/kg; Peak SAR (extrapolated) = 0.953 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.068 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.0(start)/23.1(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2a-9: (U-NII-1/-2A, Platform alone) Front-Right & touch, ac80(MCS0, CDD), 5290 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.505 S/m; ε_r = 48.16; ρ = 1000 kg/m^3

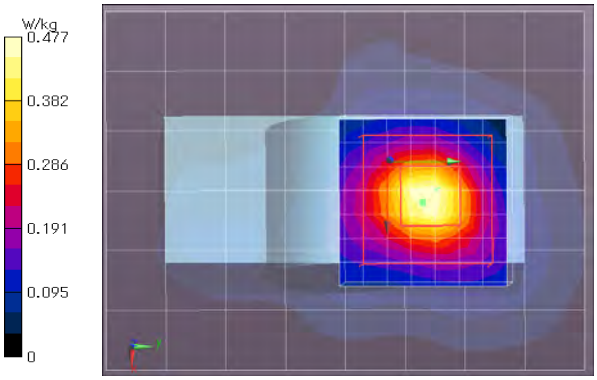
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) /-Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,frt/5b12.53.3;5290,frt-R,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.430 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.461 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 10.77 V/m; Power Drift = 0.05 dB; Maximum value of SAR (measured) = 0.477 W/kg; Peak SAR (extrapolated) = 0.804 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.064 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.1(start)/23.1(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 2a-10: (U-NII-1/-2A, Platform alone) Top & touch, ac80(MCS0, CDD), 5290 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.505 S/m; ε_r = 48.16; ρ = 1000 kg/m^3

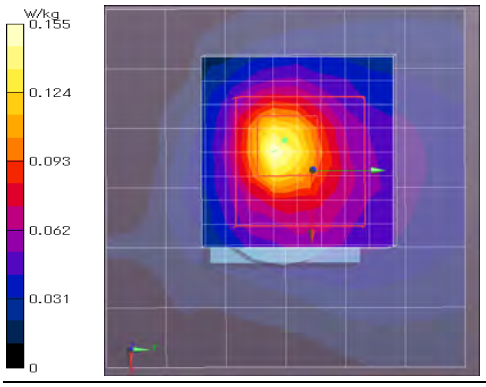
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,other-pos/5b19.53.6;5290,top,ac80(m0,ccd)/
Area:60x60,10 (7x7x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.130 W/kg
Area:60x60,10 (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.135 W/kg

Zoom1:28x28x24,1.4(ratio) (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 5.931 V/m; Power Drift = -0.16 dB; Maximum value of SAR (measured) = 0.155 W/kg; Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.020 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.1(start)/23.1(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2a-11: (U-NII-1/-2A, Platform alone) Back-top-tilt & touch, ac80(MCS0, CDD), 5290 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.505 S/m; ε_r = 48.16; ρ = 1000 kg/m^3

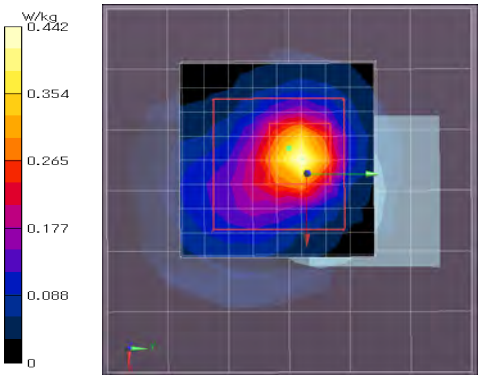
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,other-pos/5b16.53.5;5290,back-top-tilt,ac80(m0,ccd)/
Area:60x60,10 (7x7x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.288 W/kg
Area:60x60,10 (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.323 W/kg

Zoom1:28x28x24,1.4(ratio) (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 9.553 V/m; Power Drift = 0.05 dB; Maximum value of SAR (measured) = 0.442 W/kg; Peak SAR (extrapolated) = 0.790 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.043 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 22.9(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 2a-12: (U-NII-1/-2A, Platform alone) Bottom & touch, ac80(MCS0, CDD), 5290 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.505 S/m; ε_r = 48.16; ρ = 1000 kg/m^3

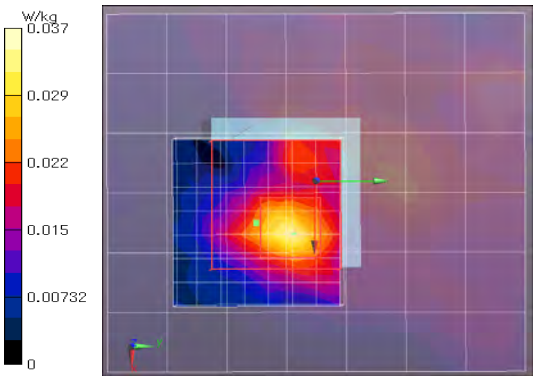
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,other-pos/5b22.53.7;5290,btm,ac80(m0,ccd)/
Area:60x70,10 (7x8x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.0288 W/kg
Area:60x70,10 (61x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.0542 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 2.779 V/m; Power Drift = -0.20 dB; Maximum value of SAR (measured) = 0.0366 W/kg; Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.00965 W/kg; SAR(10 g) = 0.00283 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.0(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2a-13: (U-NII-1/-2A, Platform alone) Bottom & touch, n20(MCS0, CDD), 5260 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: n20(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5260 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5260 MHz; σ = 5.469 S/m; ε_r = 48.24; ρ = 1000 kg/m^3

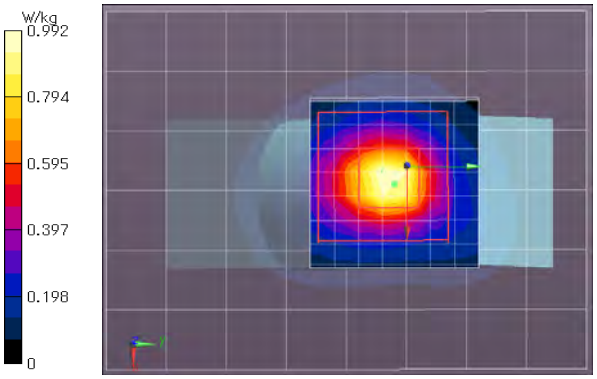
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5260 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,mode,ch-L,M,H/5b31.53.10;5260,frt-top-tilt,n20(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.928 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 1.00 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 15.80 V/m; Power Drift = 0.02 dB; Maximum value of SAR (measured) = 0.992 W/kg; Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.116 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.0(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 2a-14: (U-NII-1/-2A, Platform alone) Bottom & touch, n20(MCS0, CDD), 5320 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: n20(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5320 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5320 MHz; σ = 5.542 S/m; ε_r = 48.11; ρ = 1000 kg/m^3

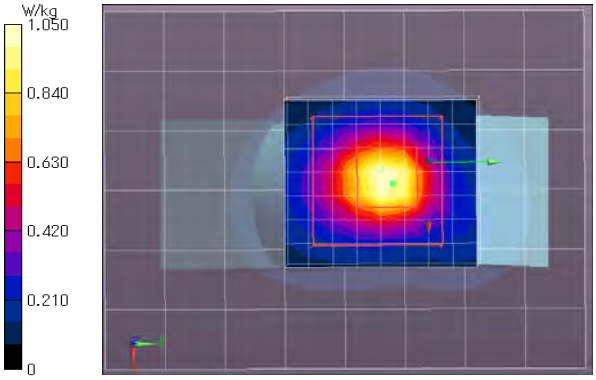
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5320 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,mode,ch-L,M,H/5b32.53.11;5320,frt-top-tilt,n20(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 1.00 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 1.09 W/kg

Zoom1:28x28x24,1.4(ratio) (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 16.00 V/m; Power Drift = 0.00 dB; Maximum value of SAR (measured) = 1.05 W/kg; Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.122 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 22.9(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2a-15: (U-NII-1/-2A, Platform alone) Bottom & touch, n20(MCS8, MIMO), 5300 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: n20(MCS8/MIMO, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5300 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5300 MHz; σ = 5.518 S/m; ε_r = 48.14; ρ = 1000 kg/m^3

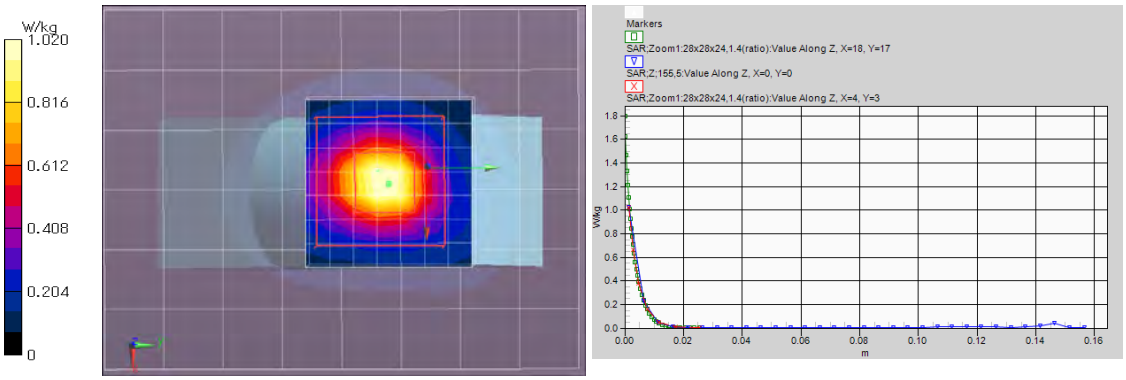
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5300 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

touch,mode,ch-L,M,H/5b36.53.15;5300,frt-top-tilt,n20(m8,mimo)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 1.01 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 1.08 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 1.02 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 15.93 V/m; Power Drift = -0.02 dB; Maximum value of SAR (measured) = 1.02 W/kg; Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.121 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.0(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 2a-16: (U-NII-1/-2A, Platform alone) Bottom & touch, n40(MCS0, CDD), 5270 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: n40(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5270 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5270 MHz; σ = 5.472 S/m; ε_r = 48.18; ρ = 1000 kg/m^3

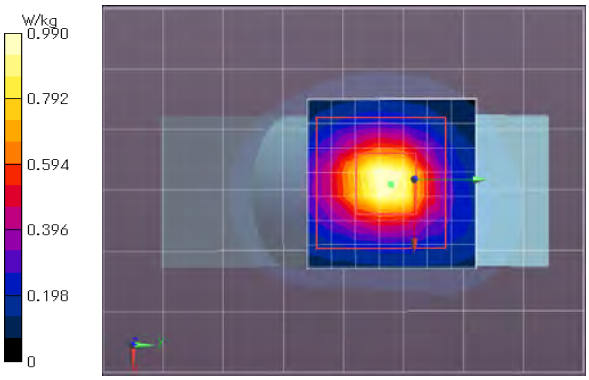
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5270 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,mode,ch-L,M,H/5b35.53.14;5270,frt-top-tilt,n40(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.979 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 1.04 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 15.80 V/m; Power Drift = -0.03 dB; Maximum value of SAR (measured) = 0.990 W/kg; Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.116 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 22.9(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2a-17: (U-NII-1/-2A, Platform alone) Bottom & touch, n40(MCS0, CDD), 5310 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: n40(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5310 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5310 MHz; σ = 5.526 S/m; ε_r = 48.13; ρ = 1000 kg/m^3

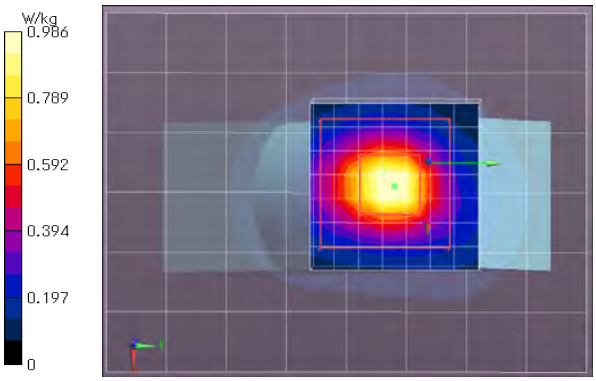
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5310 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,mode,ch-L,M,H/5b34.53.13;5310,frt-top-tilt,n40(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 1.01 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 1.07 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 15.82 V/m; Power Drift = -0.03 dB; Maximum value of SAR (measured) = 0.986 W/kg; Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.118 W/kg



Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.0(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 2b-2: (U-NII-1/-2A, Platform+Host camera) Front-top-tilt & touch, ac80(MCS0, CDD), 5290 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.559 S/m; ε_r = 47.95; ρ = 1000 kg/m^3

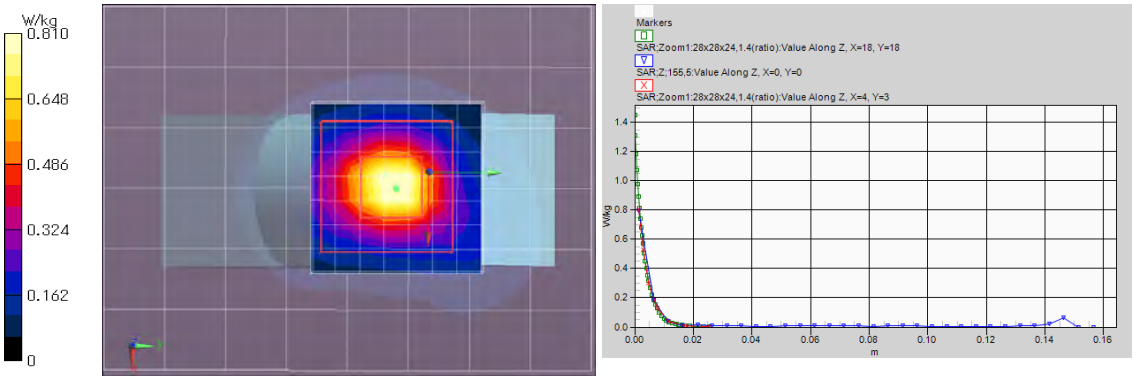
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

touch,initial/5B1.53.1;5290,frt-top-tilt,ac80(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.841 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.875 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.796 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 14.19 V/m; Power Drift = -0.01 dB; Maximum value of SAR (measured) = 0.810 W/kg; Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.098 W/kg



Remarks: *. Date tested: 2019/05/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2b-3: (U-NII-1/-2A, Platform+Host camera) Front-top-tilt & touch, ac80(MCS0, CDD), 5210 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5210 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5210 MHz; σ = 5.453 S/m; ε_r = 48.1; ρ = 1000 kg/m^3

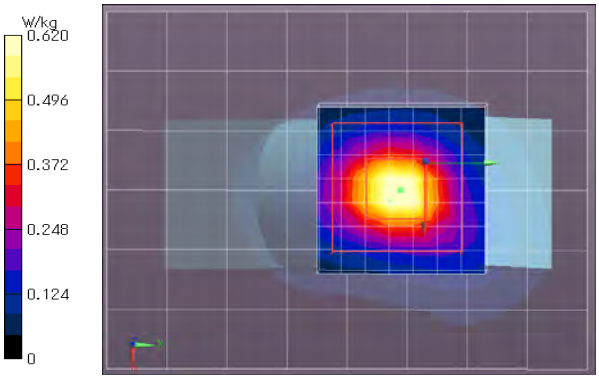
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5210 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,initial/5B4.52.1;5210,frt-top-tilt,ac80(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.655 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.666 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 12.64 V/m; Power Drift = -0.04 dB; Maximum value of SAR (measured) = 0.620 W/kg; Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.077 W/kg



Remarks: *. Date tested: 2019/05/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 2b-4: (U-NII-1/-2A, Platform+Host camera) Side-Left & touch, ac80(MCS0, CDD), 5290 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.559 S/m; ε_r = 47.95; ρ = 1000 kg/m^3

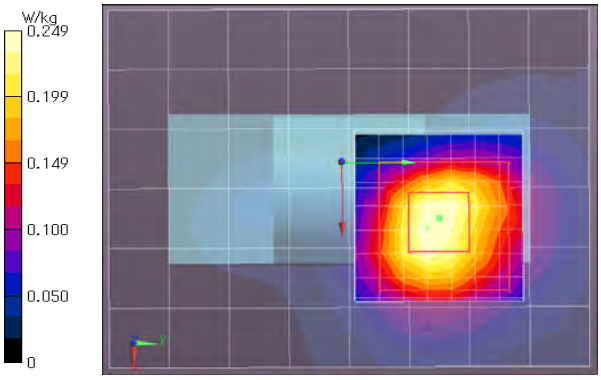
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,side-L/5B42.53.12;5290,side-L,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.226 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.295 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 7.644 V/m; Power Drift = -0.03 dB; Maximum value of SAR (measured) = 0.249 W/kg; Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.050 W/kg



Remarks: *. Date tested: 2019/05/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.9(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2b-5: (U-NII-1/-2A, Platform+Host camera) Front-tip & touch, ac80(MCS0, CDD), 5290 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.559 S/m; ε_r = 47.95; ρ = 1000 kg/m^3

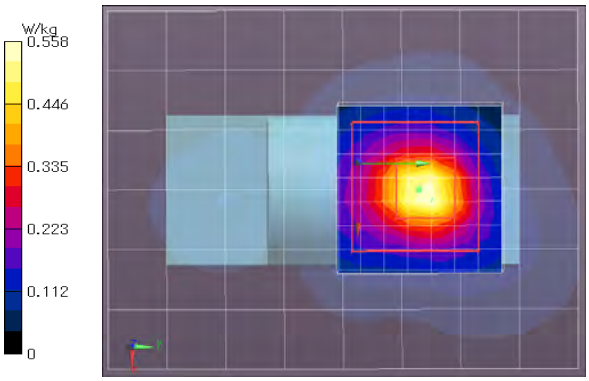
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,frt/5B7.53.2;5290,frt-tip,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.491 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.514 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 11.44 V/m; Power Drift = 0.02 dB; Maximum value of SAR (measured) = 0.558 W/kg; Peak SAR (extrapolated) = 0.969 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.070 W/kg



Remarks: *. Date tested: 2019/05/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 2b-6: (U-NII-1/-2A, Platform+Host camera) Front-Left & touch, ac80(MCS0, CDD), 5290 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.559 S/m; ε_r = 47.95; ρ = 1000 kg/m^3

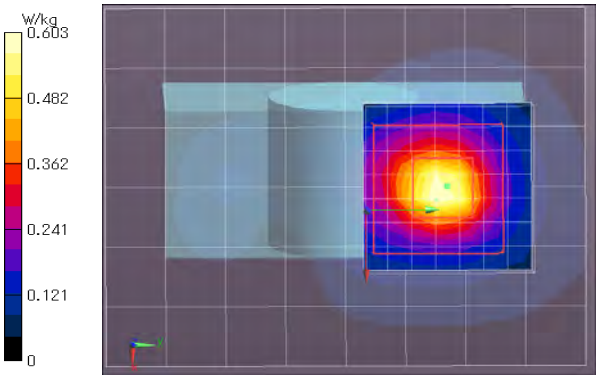
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,frt/5B13.53.4;5290,frt-L,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.498 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.559 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 11.94 V/m; Power Drift = -0.02 dB; Maximum value of SAR (measured) = 0.603 W/kg; Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.076 W/kg



Remarks: *. Date tested: 2019/05/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.9(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2b-7: (U-NII-1/-2A, Platform+Host camera) Front-Right & touch, ac80(MCS0, CDD), 5290 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.559 S/m; ε_r = 47.95; ρ = 1000 kg/m^3

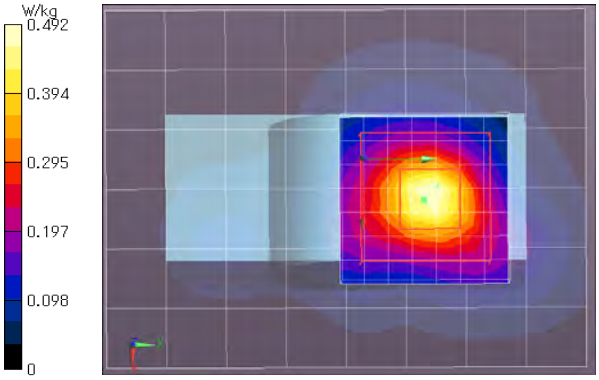
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,frt/5B8.53.3;5290,frt-R,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.429 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.459 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 10.81 V/m; Power Drift = -0.11 dB; Maximum value of SAR (measured) = 0.492 W/kg; Peak SAR (extrapolated) = 0.833 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.072 W/kg



Remarks: *. Date tested: 2019/05/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 2b-8: (U-NII-1/-2A, Platform+Host camera) Top & touch, ac80(MCS0, CDD), 5290 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5290 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5290 MHz; σ = 5.559 S/m; ε_r = 47.95; ρ = 1000 kg/m^3

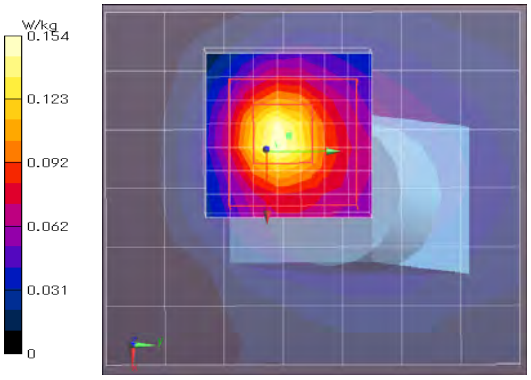
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5290 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,top/5B26.53.11;5290,top,ac80(m0,cdd)/
Area:60x70,10 (7x8x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.144 W/kg
Area:60x70,10 (61x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.147 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 5.849 V/m; Power Drift = -0.12 dB; Maximum value of SAR (measured) = 0.154 W/kg; Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.025 W/kg



Remarks: *. Date tested: 2019/05/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2b-9: (U-NII-1/-2A, Platform+Host camera) Top & touch, n20(MCS0, CDD), 5260 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: n20(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5260 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5260 MHz; σ = 5.523 S/m; ε_r = 48.02; ρ = 1000 kg/m^3

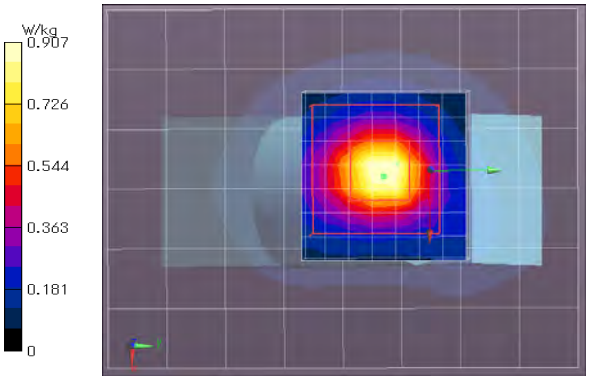
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5260 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,initial,mode/5B15.53.5;5260,frt-top-tilt,n20(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.816 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.916 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 15.06 V/m; Power Drift = 0.03 dB; Maximum value of SAR (measured) = 0.907 W/kg; Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.110 W/kg



Remarks: *. Date tested: 2019/05/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.9(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 2b-10: (U-NII-1/-2A, Platform+Host camera) Top & touch, n20(MCS0, CDD), 5300 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: n20(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5300 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5300 MHz; σ = 5.578 S/m; ε_r = 47.92; ρ = 1000 kg/m^3

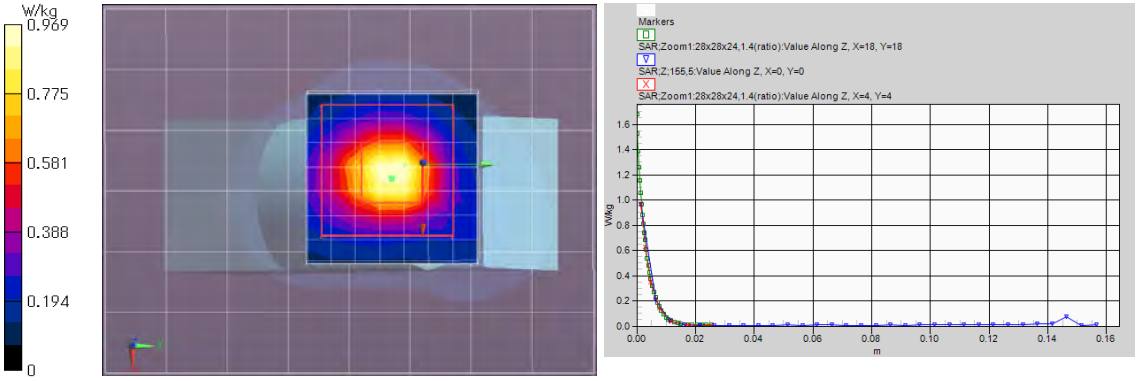
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5300 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

touch,initial,mode/5B17.53.7;5300,frt-top-tilt,n20(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.863 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.978 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.963 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 15.40 V/m; Power Drift = 0.01 dB; Maximum value of SAR (measured) = 0.969 W/kg; Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.117 W/kg



Remarks: *. Date tested: 2019/05/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.9(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2b-11: (U-NII-1/-2A, Platform+Host camera) Top & touch, n20(MCS0, CDD), 5320 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: n20(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5320 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5320 MHz; σ = 5.6 S/m; ε_r = 47.94; ρ = 1000 kg/m^3

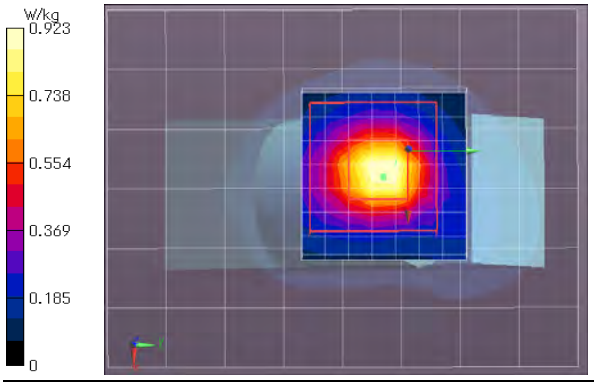
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5320 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,initial,mode/5B16.53.6;5320,frt-top-tilt,n20(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.820 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.908 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 15.00 V/m; Power Drift = 0.07 dB; Maximum value of SAR (measured) = 0.923 W/kg; Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.110 W/kg



Remarks: *. Date tested: 2019/05/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.9(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 2b-12: (U-NII-1/-2A, Platform+Host camera) Top & touch, n20(MCS8, MIMO), 5300 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: n20(MCS8/MIMO, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5300 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5300 MHz; σ = 5.578 S/m; ε_r = 47.92; ρ = 1000 kg/m^3

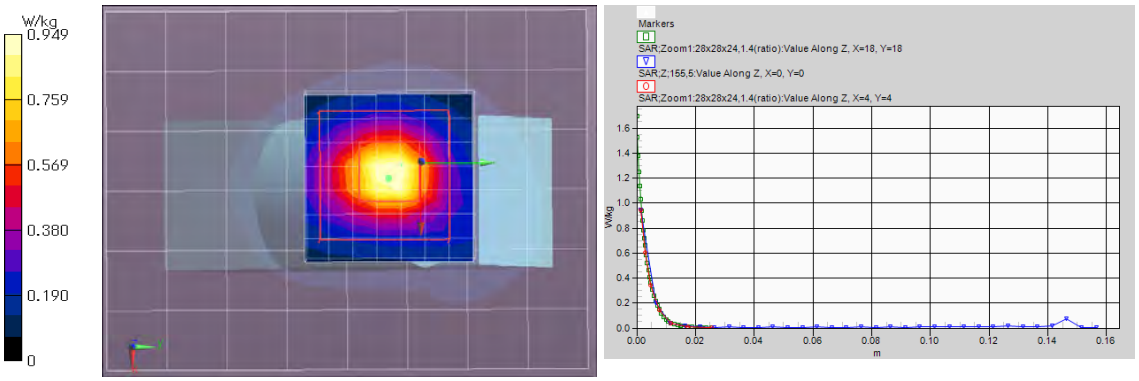
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5300 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

touch,initial,mode/5B20.53.10;5300,frt-top-tilt,n20(m8,mimo)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.853 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.937 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.947 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 15.25 V/m; Power Drift = 0.02 dB; Maximum value of SAR (measured) = 0.949 W/kg; Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.114 W/kg



Remarks: *. Date tested: 2019/05/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.7(start)/22.7(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 2b-13: (U-NII-1/-2A, Platform+Host camera) Top & touch, n40(MCS0, CDD), 5270 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: n40(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5270 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5270 MHz; σ = 5.532 S/m; ε_r = 48.01; ρ = 1000 kg/m^3

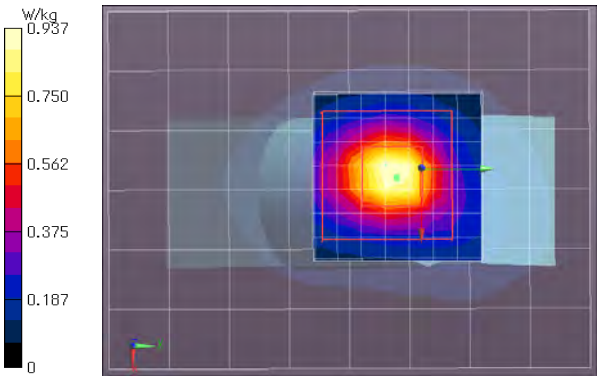
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5270 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,initial,mode/5B19.53.9;5270,frt-top-tilt,n40(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.863 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.935 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 15.25 V/m; Power Drift = -0.01 dB; Maximum value of SAR (measured) = 0.937 W/kg; Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.113 W/kg



Remarks: *. Date tested: 2019/05/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.7(start)/22.7(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 2b-14: (U-NII-1/-2A, Platform+Host camera) Top & touch, n40(MCS0, CDD), 5310 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: n40(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5310 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5310 MHz; σ = 5.597 S/m; ε_r = 47.92; ρ = 1000 kg/m^3

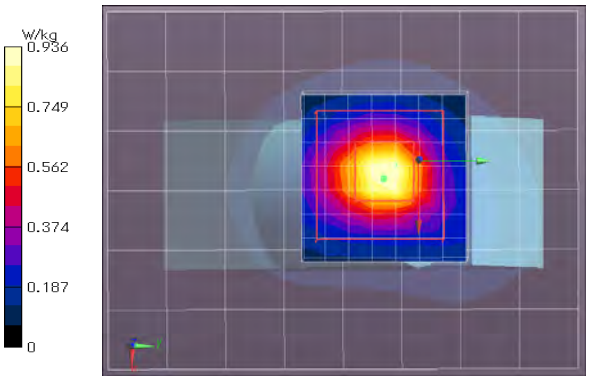
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5310 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,initial,mode/5B18.53.8;5310,frt-top-tilt,n40(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.852 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.937 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 15.13 V/m; Power Drift = 0.04 dB; Maximum value of SAR (measured) = 0.936 W/kg; Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.113 W/kg



Remarks: *. Date tested: 2019/05/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.8(start)/22.7(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 3a-2: (U-NII-2C, Platform alone) Front-top-tilt & touch, ac80(MCS0, CDD, 5530 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5530 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5530 MHz; σ = 5.818 S/m; ε_r = 47.74; ρ = 1000 kg/m^3

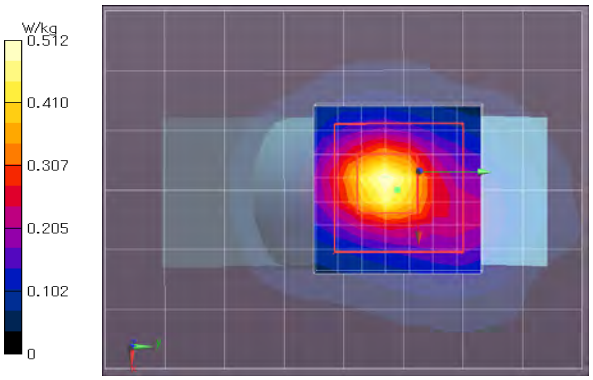
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) /-Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5530 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,initial-pos./5b3.56.1;5530,frt-top-tilt,ac80(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.488 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.491 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 10.18 V/m; Power Drift = 0.07 dB; Maximum value of SAR (measured) = 0.512 W/kg; Peak SAR (extrapolated) = 0.942 W/kg

SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.061 W/kg



Remarks: *. Date tested: 2019/05/21; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 22.9(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 3a-3: (U-NII-2C, Platform alone) Side-Left & touch, ac80(MCS0, CDD), 5530 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5530 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5530 MHz; σ = 5.818 S/m; ε_r = 47.74; ρ = 1000 kg/m^3

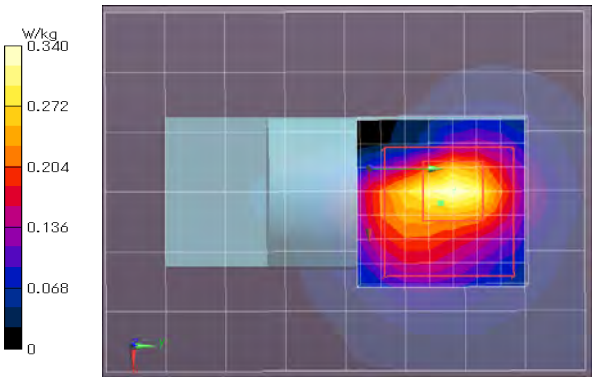
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5530 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,side/5b26.56.8;5530,side-L,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.376 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.424 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 8.068 V/m; Power Drift = -0.06 dB; Maximum value of SAR (measured) = 0.340 W/kg; Peak SAR (extrapolated) = 0.728 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.043 W/kg



Remarks: *. Date tested: 2019/05/21; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~60) %RH,
*. liquid temperature: 22.9(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 3a-4: (U-NII-2C, Platform alone) Side-Right & touch, ac80(MCS0, CDD), 5530 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5530 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5530 MHz; σ = 5.818 S/m; ε_r = 47.74; ρ = 1000 kg/m^3

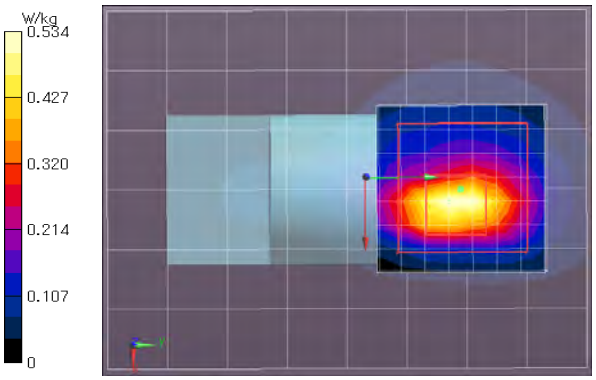
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5530 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,side/5b29.56.9;5530,side-R,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.428 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.432 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 9.807 V/m; Power Drift = -0.15 dB; Maximum value of SAR (measured) = 0.534 W/kg; Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.055 W/kg



Remarks: *. Date tested: 2019/05/21; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~60) %RH,
*. liquid temperature: 22.9(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 3a-5: (U-NII-2C, Platform alone) Front-Left & touch, ac80(MCS0, CDD), 5530 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5530 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5530 MHz; σ = 5.818 S/m; ε_r = 47.74; ρ = 1000 kg/m^3

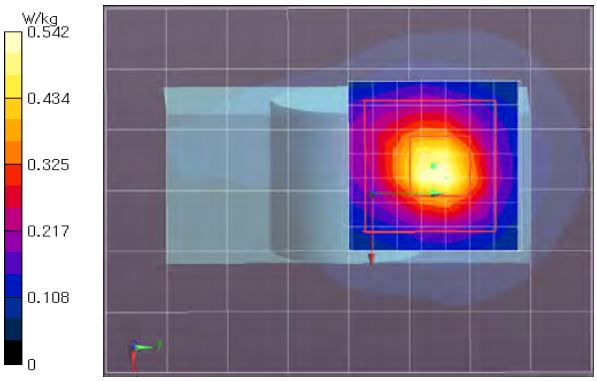
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5530 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,frt/5b13.56.4;5530,frt-L,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.364 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.449 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 10.97 V/m; Power Drift = 0.04 dB; Maximum value of SAR (measured) = 0.542 W/kg; Peak SAR (extrapolated) = 0.909 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.065 W/kg



Remarks: *. Date tested: 2019/05/21; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.1(start)/23.1(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 3a-6: (U-NII-2C, Platform alone) Front-Right & touch, ac80(MCS0, CDD), 5530 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5530 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5530 MHz; σ = 5.818 S/m; ε_r = 47.74; ρ = 1000 kg/m^3

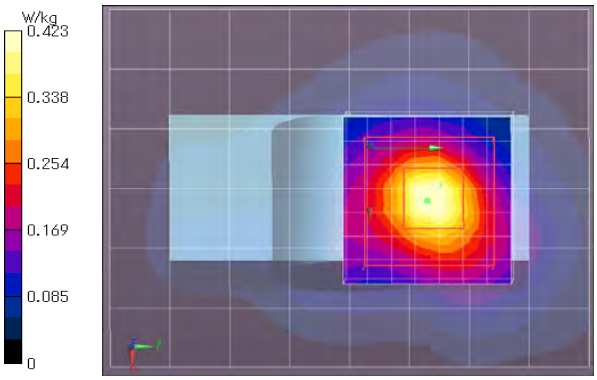
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) /-Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5530 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,frt/5b10.56.3;5530,frt-R,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.365 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.396 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 9.728 V/m; Power Drift = -0.01 dB; Maximum value of SAR (measured) = 0.423 W/kg; Peak SAR (extrapolated) = 0.801 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.059 W/kg



Remarks: *. Date tested: 2019/05/21; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.0(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 3a-7: (U-NII-2C, Platform alone) Top & touch, ac80(MCS0, CDD), 5530 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5530 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5530 MHz; σ = 5.818 S/m; ε_r = 47.74; ρ = 1000 kg/m^3

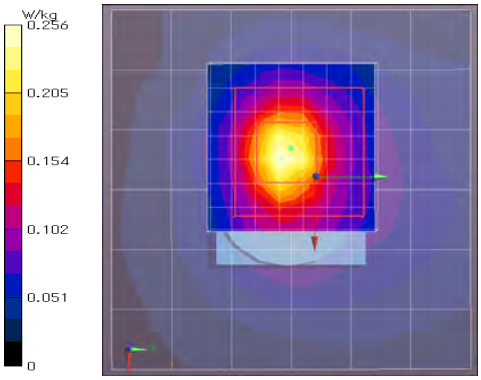
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5530 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,other-pos/5b20.56.6;5530,top,ac80(m0,ccd)/
Area:60x60,10 (7x7x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.225 W/kg
Area:60x60,10 (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.241 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 7.277 V/m; Power Drift = -0.07 dB; Maximum value of SAR (measured) = 0.256 W/kg; Peak SAR (extrapolated) = 0.457 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.031 W/kg



Remarks: *. Date tested: 2019/05/21; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~60) %RH,
*. liquid temperature: 23.1(start)/23.1(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 3a-8: (U-NII-2C, Platform alone) Back-top-tilt & touch, ac80(MCS0, CDD), 5530 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5530 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5530 MHz; σ = 5.818 S/m; ε_r = 47.74; ρ = 1000 kg/m^3

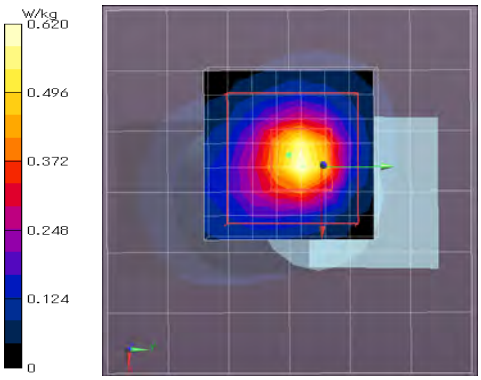
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5530 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,other-pos/5b17.56.5;5530,back-top-tilt,ac80(m0,ccd)/
Area:60x60,10 (7x7x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.413 W/kg
Area:60x60,10 (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.501 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 10.93 V/m; Power Drift = -0.01 dB; Maximum value of SAR (measured) = 0.620 W/kg; Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.057 W/kg



Remarks: *. Date tested: 2019/05/21; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~60) %RH,
*. liquid temperature: 23.0(start)/23.1(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 3a-9: (U-NII-2C, Platform alone) Bottom & touch, ac80(MCS0, CDD), 5530 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5530 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5530 MHz; σ = 5.818 S/m; ε_r = 47.74; ρ = 1000 kg/m^3

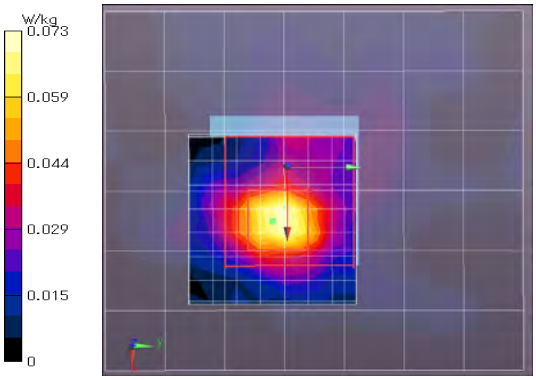
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5530 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,other-pos/5b23.56.7;5530,btm,ac80(m0,ccd)/
Area:60x70,10 (7x8x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.0765 W/kg
Area:60x70,10 (61x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.0945 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 4.090 V/m; Power Drift = -0.00 dB; Maximum value of SAR (measured) = 0.0732 W/kg; Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.0062 W/kg



Remarks: *. Date tested: 2019/05/21; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~60) %RH,
*. liquid temperature: 23.0(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 3b-2: (U-NII-2C, Platform+Host camera) Front-top-tilt & touch, ac80(MCS0, CDD), 5530 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5530 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5530 MHz; σ = 5.879 S/m; ε_r = 47.56; ρ = 1000 kg/m^3

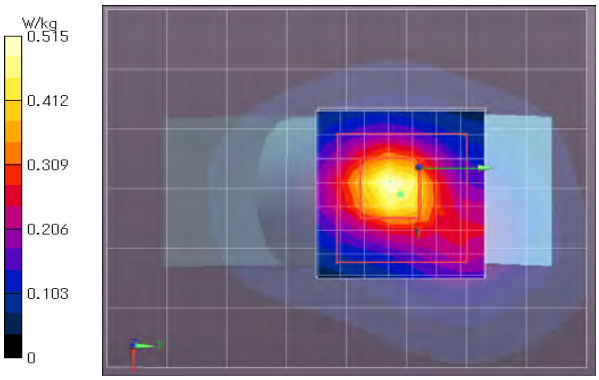
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5530 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,initial/5B2.56.1;5530,frt-top-tilt,ac80(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.506 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.512 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 10.35 V/m; Power Drift = 0.03 dB; Maximum value of SAR (measured) = 0.515 W/kg; Peak SAR (extrapolated) = 0.966 W/kg

SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.063 W/kg



Remarks: *. Date tested: 2019/05/24; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 3b-3: (U-NII-2C, Platform+Host camera) Side-Left & touch, ac80(MCS0, CDD), 5530 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5530 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5530 MHz; σ = 5.879 S/m; ε_r = 47.56; ρ = 1000 kg/m^3

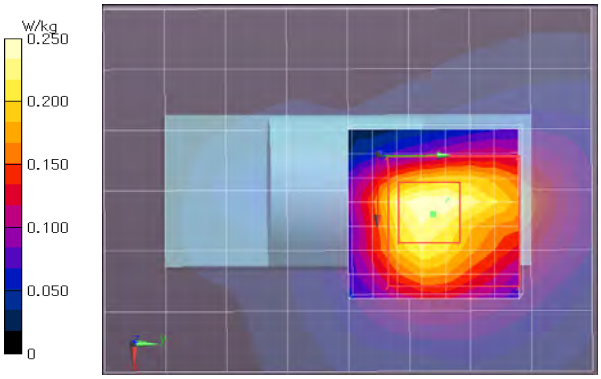
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5530 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,side-L/5B43.56.13;5530,side-L,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.229 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.309 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 7.245 V/m; Power Drift = 0.10 dB; Maximum value of SAR (measured) = 0.250 W/kg; Peak SAR (extrapolated) = 0.448 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.049 W/kg



Remarks: *. Date tested: 2019/05/24; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.9(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 3b-4: (U-NII-2C, Platform+Host camera) Front-Left & touch, ac80(MCS0, CDD), 5530 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5530 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5530 MHz; σ = 5.879 S/m; ε_r = 47.56; ρ = 1000 kg/m^3

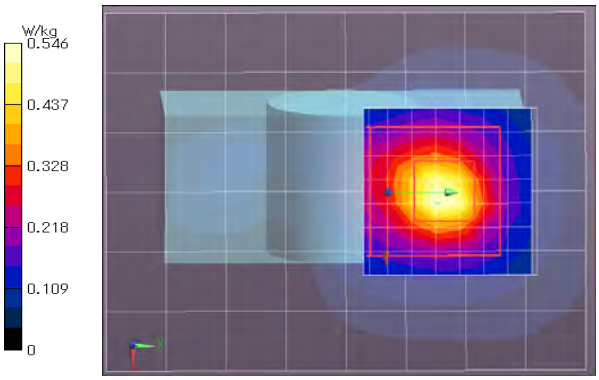
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) /-Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5530 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,frt/5B11.56.4;5530,frt-L,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.470 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.503 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 10.83 V/m; Power Drift = -0.02 dB; Maximum value of SAR (measured) = 0.546 W/kg; Peak SAR (extrapolated) = 0.907 W/kg

SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.070 W/kg



Remarks: *. Date tested: 2019/05/24; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 3b-5: (U-NII-2C, Platform+Host camera) Front-Right & touch, ac80(MCS0, CDD), 5530 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5530 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5530 MHz; σ = 5.879 S/m; ε_r = 47.56; ρ = 1000 kg/m^3

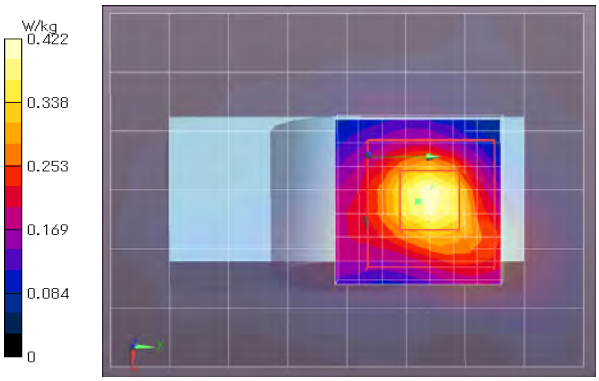
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5530 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,frt/5B9.56.3;5530,frt-R,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.481 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.509 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 9.341 V/m; Power Drift = -0.04 dB; Maximum value of SAR (measured) = 0.422 W/kg; Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.063 W/kg



Remarks: *. Date tested: 2019/05/24; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

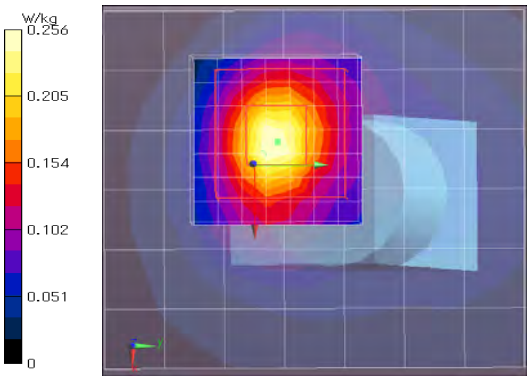
SAR plots of other SAR conditions

Plot 3b-6: (U-NII-2C, Platform+Host camera) Top & touch, ac80(MCS0, CDD), 5530 MHz
EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6
Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5530 MHz; Crest Factor: 1.0**
Medium: MSL5800(1905); Medium parameters used: f = 5530 MHz; σ = 5.879 S/m; ε_r = 47.56; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5530 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,top/5B27.56.5;5530,top,ac80(m0,cdd)/
Area:60x70,10 (7x8x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.259 W/kg
Area:60x70,10 (61x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.266 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 7.456 V/m; Power Drift = 0.00 dB; Maximum value of SAR (measured) = 0.256 W/kg; Peak SAR (extrapolated) = 0.457 W/kg
SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.036 W/kg



Remarks: *. Date tested: 2019/05/24; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 4a-2: (U-NII-3, Platform alone) Front-top-tilt & touch, ac80(MCS0, CDD, 5775 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5775 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5775 MHz; σ = 6.172 S/m; ε_r = 47.38; ρ = 1000 kg/m^3

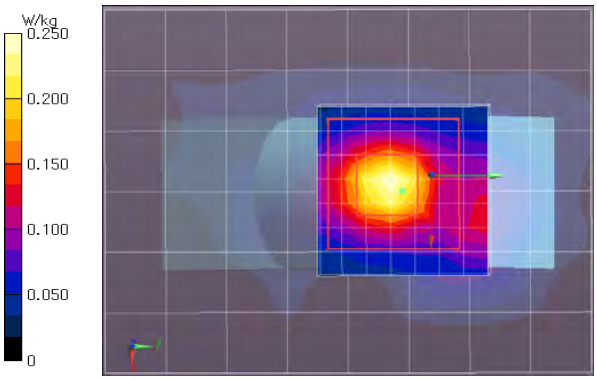
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) /-Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5775 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,initial-pos./5b4.58.1;5775,frt-top-tilt,ac80(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.235 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.236 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 7.142 V/m; Power Drift = 0.05 dB; Maximum value of SAR (measured) = 0.250 W/kg; Peak SAR (extrapolated) = 0.419 W/kg

SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.028 W/kg



Remarks: *. Date tested: 2019/05/22; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 22.9(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 4a-3: (U-NII-3, Platform alone) Side-Left & touch, ac80(MCS0, CDD), 5775 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5775 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5775 MHz; σ = 6.172 S/m; ε_r = 47.38; ρ = 1000 kg/m^3

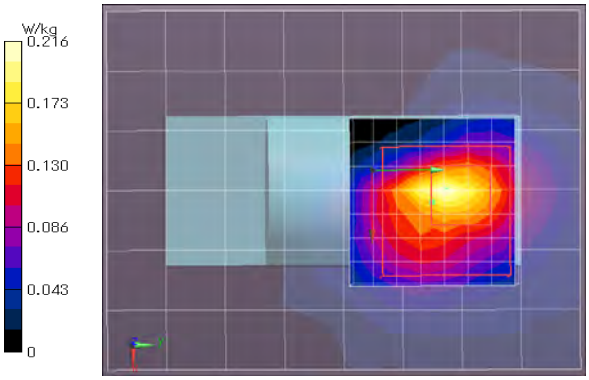
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5775 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,side/5b27.58.8;5775,side-L,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.243 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.282 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 6.232 V/m; Power Drift = -0.07 dB; Maximum value of SAR (measured) = 0.216 W/kg; Peak SAR (extrapolated) = 0.471 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.021 W/kg



Remarks: *. Date tested: 2019/05/22; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~60) %RH,
*. liquid temperature: 22.9(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 4a-4: (U-NII-3, Platform alone) Side-Right & touch, ac80(MCS0, CDD), 5775 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5775 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5775 MHz; σ = 6.172 S/m; ε_r = 47.38; ρ = 1000 kg/m^3

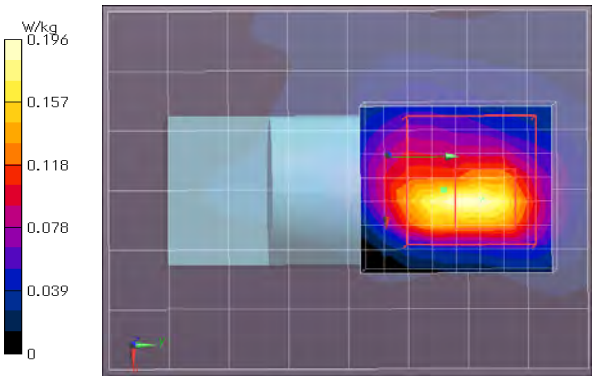
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5775 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,side/5b30.58.9;5775,side-R,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.189 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.202 W/kg

Zoom1:28x28x24,1.4(ratio) (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 5.587 V/m; Power Drift = 0.05 dB; Maximum value of SAR (measured) = 0.196 W/kg; Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.021 W/kg



Remarks: *. Date tested: 2019/05/22; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~60) %RH,
*. liquid temperature: 22.9(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 4a-5: (U-NII-3, Platform alone) Front-tip & touch, ac80(MCS0, CDD), 5775 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5775 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5775 MHz; σ = 6.172 S/m; ε_r = 47.38; ρ = 1000 kg/m^3

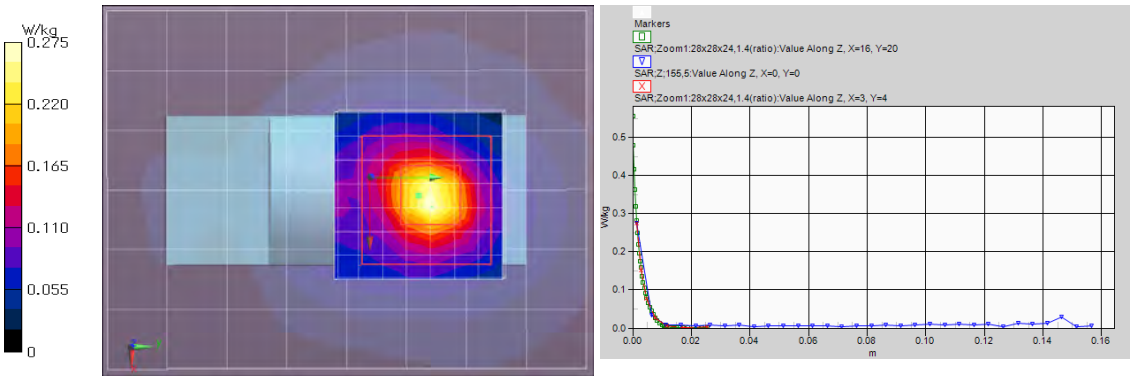
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) /-Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5775 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

touch,frt/5b9.58.2;5775,frt-tip,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.236 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.243 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.276 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 7.464 V/m; Power Drift = 0.14 dB; Maximum value of SAR (measured) = 0.275 W/kg; Peak SAR (extrapolated) = 0.555 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.031 W/kg



Remarks: *. Date tested: 2019/05/22; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 22.9(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 4a-6: (U-NII-3, Platform alone) Front-Left & touch, ac80(MCS0, CDD), 5775 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5775 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5775 MHz; σ = 6.172 S/m; ε_r = 47.38; ρ = 1000 kg/m^3

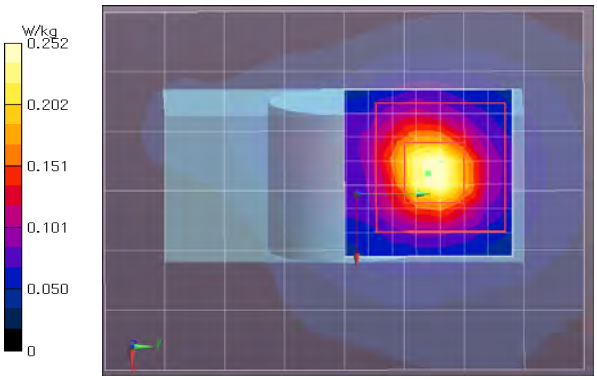
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5775 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,frt/5b14.58.4;5775,frt-L,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.222 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.272 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 7.451 V/m; Power Drift = -0.01 dB; Maximum value of SAR (measured) = 0.252 W/kg; Peak SAR (extrapolated) = 0.510 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.030 W/kg



Remarks: *. Date tested: 2019/05/22; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.1(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 4a-7: (U-NII-3, Platform alone) Front-Right & touch, ac80(MCS0, CDD), 5775 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5775 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5775 MHz; σ = 6.172 S/m; ε_r = 47.38; ρ = 1000 kg/m^3

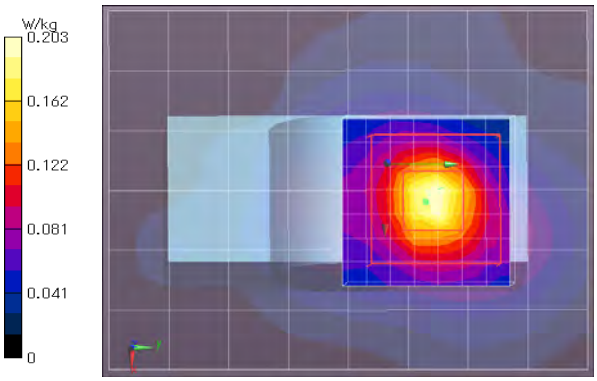
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) /-Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5775 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,frt/5b11.58.3;5775,frt-R,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.180 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.193 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 6.537 V/m; Power Drift = 0.06 dB; Maximum value of SAR (measured) = 0.203 W/kg; Peak SAR (extrapolated) = 0.420 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.025 W/kg



Remarks: *. Date tested: 2019/05/22; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~55) %RH,
*. liquid temperature: 23.0(start)/23.1(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 4a-8: (U-NII-3, Platform alone) Top & touch, ac80(MCS0, CDD), 5775 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5775 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5775 MHz; σ = 6.172 S/m; ε_r = 47.38; ρ = 1000 kg/m^3

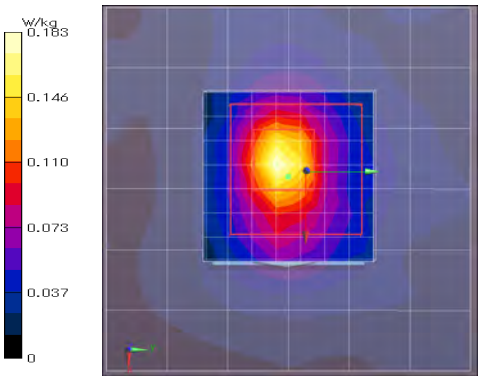
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5775 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,other-pos/5b21.58.6;5775,top,ac80(m0,ccd)/
Area:60x60,10 (7x7x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.168 W/kg
Area:60x60,10 (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.171 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 5.894 V/m; Power Drift = 0.09 dB; Maximum value of SAR (measured) = 0.183 W/kg; Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.017 W/kg



Remarks: *. Date tested: 2019/05/22; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~60) %RH,
*. liquid temperature: 23.1(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 4a-9: (U-NII-3, Platform alone) Bottom & touch, ac80(MCS0, CDD), 5775 MHz

EUT: Wireless Module in Platform; Model: ES203 (platform: DS586191); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5775 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5775 MHz; σ = 6.172 S/m; ε_r = 47.38; ρ = 1000 kg/m^3

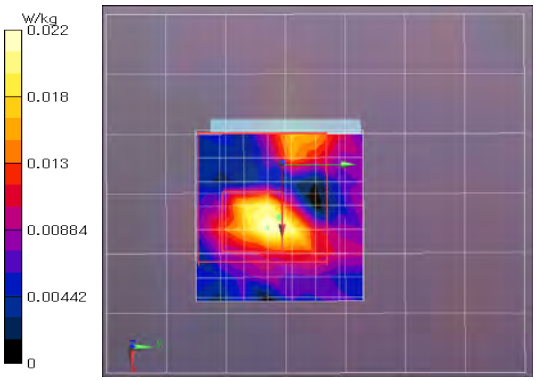
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5775 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,other-pos/5b24.58.7;5775,btm,ac80(m0,ccd)/
Area:60x70,10 (7x8x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.0309 W/kg
Area:60x70,10 (61x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.0330 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 2.292 V/m; Power Drift = 0.20 dB; Maximum value of SAR (measured) = 0.0221 W/kg; Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.00538 W/kg; SAR(10 g) = 0.000897 W/kg



Remarks: *. Date tested: 2019/05/22; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (24~25) deg.C. / (45~60) %RH,
*. liquid temperature: 23.0(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 4b-2: (U-NII-3, Platform+Host camera) Front-top-tilt & touch, ac80(MCS0, CDD), 5775 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5775 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5775 MHz; σ = 6.217 S/m; ε_r = 47.17; ρ = 1000 kg/m^3

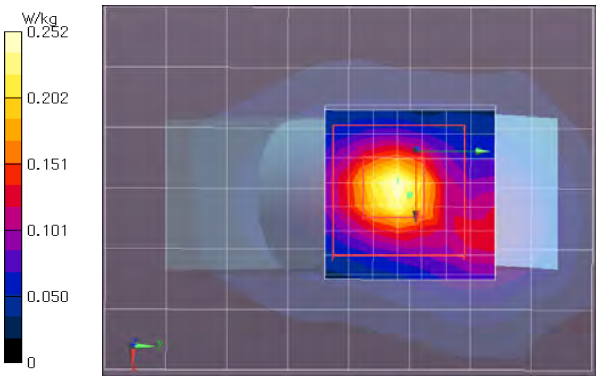
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5775 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,initial/5B3.58.1;5775,frt-top-tilt,ac80(m0,cdd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.260 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.263 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 7.174 V/m; Power Drift = 0.05 dB; Maximum value of SAR (measured) = 0.252 W/kg; Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.030 W/kg



Remarks: *. Date tested: 2019/05/24; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 4b-3: (U-NII-3, Platform+Host camera) Side-Left & touch, ac80(MCS0, CDD), 5775 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5775 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5775 MHz; σ = 6.217 S/m; ε_r = 47.17; ρ = 1000 kg/m^3

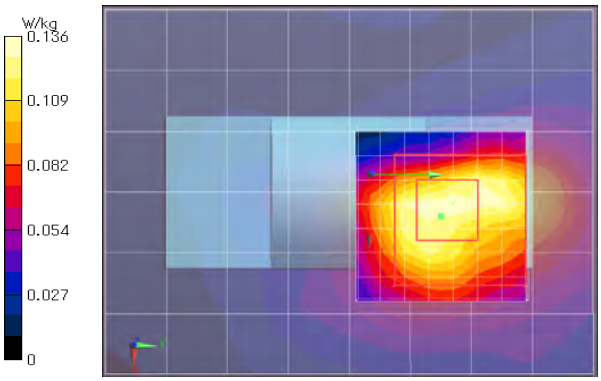
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5775 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,side-L/5B44.58.12;5775,side-L,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.153 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.182 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 5.175 V/m; Power Drift = 0.15 dB; Maximum value of SAR (measured) = 0.136 W/kg; Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.031 W/kg



Remarks: *. Date tested: 2019/05/24; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.9(start)/23.0(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

SAR plots of other SAR conditions

Plot 4b-4: (U-NII-3, Platform+Host camera) Front-Left & touch, ac80(MCS0, CDD), 5775 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5775 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5775 MHz; σ = 6.217 S/m; ε_r = 47.17; ρ = 1000 kg/m^3

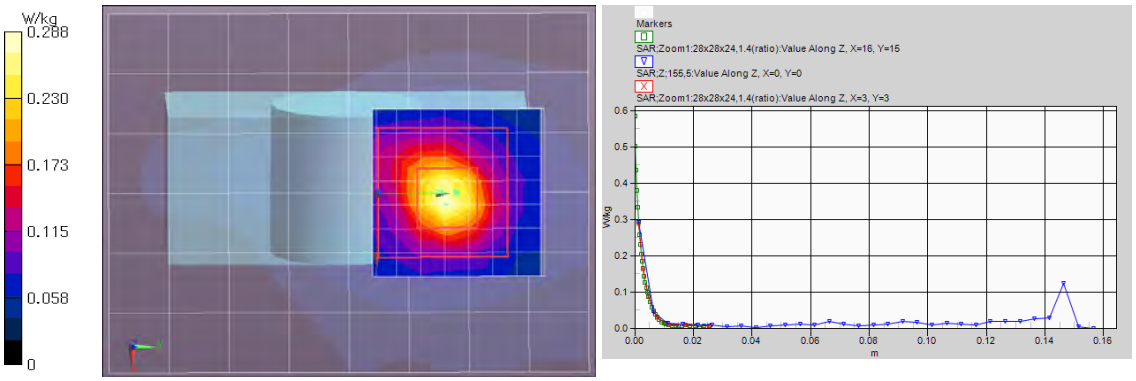
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5775 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

touch,frt/5B12.58.4;5775,frt-L,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.244 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.256 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 0.292 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 7.677 V/m; Power Drift = -0.08 dB; Maximum value of SAR (measured) = 0.288 W/kg; Peak SAR (extrapolated) = 0.584 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.035 W/kg



Remarks: *. Date tested: 2019/05/24; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.8(start)/22.9(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Plot 4b-5: (U-NII-3, Platform+Host camera) Front-Right & touch, ac80(MCS0, CDD), 5775 MHz

EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6

Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5775 MHz; Crest Factor: 1.0**

Medium: MSL5800(1905); Medium parameters used: f = 5775 MHz; σ = 6.217 S/m; ε_r = 47.17; ρ = 1000 kg/m^3

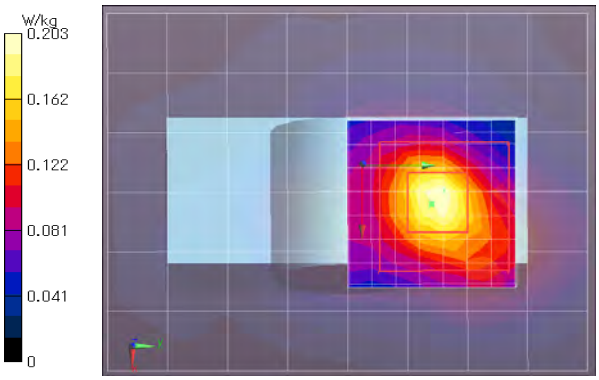
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5775 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,frt/5B10.58.3;5775,frt-R,ac80(m0,ccd)/
Area:60x80,10 (7x9x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.225 W/kg
Area:60x80,10 (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.243 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 6.501 V/m; Power Drift = 0.14 dB; Maximum value of SAR (measured) = 0.203 W/kg; Peak SAR (extrapolated) = 0.398 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.032 W/kg



Remarks: *. Date tested: 2019/05/24; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 2: SAR Measurement data (cont'd)

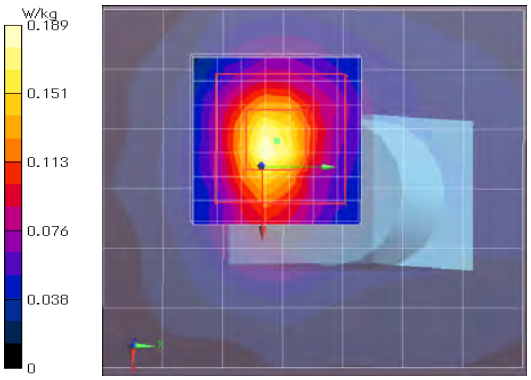
SAR plots of other SAR conditions

Plot 4b-6: (U-NII-3, Platform+Host camera) Top & touch, ac80(MCS0, CDD), 5775 MHz
EUT: Wireless Module in Platform & Host camera; Model: ES203 (platform: DS586191, camera:DS126771); Serial: 6
Mode: ac80(MCS0/CDD, OFDM) (UID: 0, Wi-fi_5GHz (0), Frame Length in ms: 0; PAR: 0; PMF: 1); **Frequency: 5775 MHz; Crest Factor: 1.0**
Medium: MSL5800(1905); Medium parameters used: f = 5775 MHz; σ = 6.217 S/m; ε_r = 47.17; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Model: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5775 MHz; Calibrated: 2018/05/15
-Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0

touch,top/5B28.58.5;5775,top,ac80(m0,cdd)/
Area:60x70,10 (7x8x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.177 W/kg
Area:60x70,10 (61x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 0.184 W/kg

Zoom1:28x28x24,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 6.213 V/m; Power Drift = -0.03 dB; Maximum value of SAR (measured) = 0.189 W/kg; Peak SAR (extrapolated) = 0.330 W/kg
SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.028 W/kg



Remarks: *. Date tested: 2019/05/24; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of EUT to phantom: 0 mm (2 mm to liquid); ambient: (23~24) deg.C. / (50~60) %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

APPENDIX 3: Test instruments

Appendix 3-1: Equipment used

Local ID	Test Name	LIMS ID	Description	Manufacturer	Model	Serial	Calibration		
							Last Date	Due Date	Interval (Month)
SRENT-15	AT	160899	Spectrum Analyzer	AGILENT (KEYSIGHT)	E4440A	MY46185516	2019/1/21	2020/1/31	12
KAT10-S3	AT	144893	Attenuator	AGILENT	8490D 010	50924	2018/12/12	2019/12/31	12
KPM-08	AT	145105	Power meter	ANRITSU	ML2495A	6K00003356	2018/9/28	2019/9/30	12
KPSS-04	AT	144991	Power sensor	ANRITSU	MA2411B	12088	2018/9/28	2019/9/30	12
SAT10-SARP1	AT	160520	Attenuator	Weinschel - API Technologies Corp	4M-10		2018/12/12	2019/12/31	12
SPM-06	AT	146267	Power Meter	ANRITSU	ML2495A	850009	2019/5/22	2020/5/31	12
SPM-07	AT	146247	Power Meter	AGILENT	8990B	MY5100272	2018/7/13	2019/7/31	12
SPSS-03	AT	146309	Power sensor	ANRITSU	MA2411B	917063	2019/5/22	2020/5/31	12
SPSS-04	AT	146310	Power sensor	AGILENT	N1923A	MY5326009	2018/7/13	2019/7/31	12
SPSS-05	AT	146311	Power sensor	AGILENT	N1923A	MY5349008	2018/7/13	2019/7/31	12
COTS-SSAR-02	SAR	144885	DASY52 software	Schmid&Partner Engineering AG	DASY5 PRO	Ver.52.10.2.1495	-	-	-
COTS-SSEP-02	SAR	144886	Dielectric assessment software	Schmid&Partner Engineering AG	DAK	Ver.DAK1.10.317.11	-	-	-
KAT10-P1	SAR	144882	Attenuator	Weinschel - API Technologies Corp	24-10-34	BY5927	2018/12/12	2019/12/31	12
KCPL-07	SAR	146100	Directional Coupler	Pulsar Microwave Corp.	CCS30-B26	621	-	-	-
KDAE-01	SAR	144944	Data Acquisition Electronics	Schmid&Partner Engineering AG	DAE4	626	2018/10/15	2019/10/31	12
KIU-08	SAR	145059	Power sensor	Rohde & Schwarz	NRV-Z4	100372	2018/9/28	2019/9/30	12
KIU-09	SAR	145099	Power sensor	Rohde & Schwarz	NRV-Z4	100371	2018/9/28	2019/9/30	12
KOS-13	SAR	144985	Digtal thermometer	HANNA	Checktemp-2	KOS-13	2018/12/5	2019/12/31	12
KOS-14	SAR	144986	Thermo-Hygrometer data logger	SATO KEIRYOKI	SK-L200THIIα/SK-LTHIIα-2	015246/08169	2018/12/5	2019/12/31	12
KPA-12	SAR	145359	RF Power Amplifier	Milmega	AS2560-50	1018582	-	-	-
KPFL-01	SAR	145560	Flat Phantom	Schmid&Partner Engineering AG	Oval flat phantom ELI 4.0	1059	2018/8/27	2019/8/31	12
KPM-05	SAR	144988	Power meter	AGILENT	E4417A	GB41290718	2019/4/12	2020/4/30	12
KPM-06	SAR	144989	Power Meter	Rohde & Schwarz	NRVD	101599	2018/9/28	2019/9/30	12
KPSS-01	SAR	144990	Power sensor	AGILENT	E9327A	US40440544	2019/4/12	2020/4/30	12
KRU-01	SAR	144993	Ruler(300mm)	SHINWA	13134	-	2019/2/18	2020/2/29	12
KRU-02	SAR	145106	Ruler(150mm,L)	SHINWA	12103	-	2019/2/18	2020/2/29	12
KSDA-01	SAR	145090	Dipole Antenna	Schmid&Partner Engineering AG	D2450V2	822	2019/1/18	2020/1/31	12
KSDA-02	SAR	145091	Dipole Antenna	Schmid&Partner Engineering AG	D5GHzV2	1070	2019/3/18	2020/3/31	12
KSDH-01	SAR	145596	Device holder	Schmid&Partner Engineering AG	Mounting device for transmitter	-	2018/9/27	2019/9/30	12
KSG-08	SAR	145109	Signal Generator	Rohde & Schwarz	SMT06	100763	2018/9/27	2019/9/30	12
KSLM245-01	SAR	145365	Tissue simulation liqud (2450MHz,body)	Schmid&Partner Engineering AG	MSL2450V2	SL AAM 245 BA	-	-	-
KSLM580-02	SAR	145366	Tissue simulation liqud (5800MHz,body)	Schmid&Partner Engineering AG	MBBL3500-5800V5	SL AAM 501 AB (110520-3)	-	-	-
SALC-01	SAR	146112	Primepure Ethanol	Kanto Chemical Co., Inc.	14032-79	-	-	-	-
SAT20-SAR1	SAR	145149	Attenuator	TME	SFA-01AXPJ-20	-	2018/12/12	2019/12/31	12
SAT6-SAR1	SAR	145160	Attenuator	Huber+Suhner	6806.17.A	766429-1	2018/12/12	2019/12/31	12
SCC-SAR2	SAR	145405	Coaxial Cable	Huber+Suhner	SF104A/11PC3542/11N451/4M	MY699/4A	-	-	-
SEPP-02	SAR	145500	Dielectric probe	Schmid&Partner Engineering AG	DAK3.5	1129	2018/8/17	2019/8/31	12
SOS-11	SAR	146296	Humidity Indicator	A&D	AD-5681	4063424	2019/1/11	2020/1/31	12
SOS-12	SAR	146320	Digtal thermometer	HANNA	Checktemp-4	SOS-12	2019/1/11	2020/1/31	12
SOS-SAR1	SAR	146323	Digtal thermometer	LKMelectonic	DTM3000	3171	2018/10/25	2019/10/31	12
SPB-02	SAR	146235	Dosimetric E-Field Probe	Schmid&Partner Engineering AG	EX3DV4	3907	2018/5/15	2019/5/31	12
SRU-06	SAR	150560	Measuring Tool, Ruler	SHINWA	14001	--	2019/2/18	2020/2/29	12
SSA-04	SAR	146176	Spectrum Analyzer	ADVANTEST	R3272	101100994	-	-	-
SSAR-02	SAR	146177	SAR measurement system	Schmid&Partner Engineering AG	DASY5	1324	-	-	-
SSDH-02	SAR	145723	Laptop holder	Schmid&Partner Engineering AG	SM LH1 001 C	-	-	-	-
SSNA-01	SAR	146258	Network Analyzer	AGILENT	8753ES	US39171777	2018/12/17	2019/12/31	12
SSRBT-02	SAR	145621	SAR robot	Schmid&Partner Engineering AG	TX60 Lspeag	F12/5L2QA1/A/01	2018/9/27	2019/9/30	12
SWTR-03	SAR	146185	DI water	MonotaRo	34557433	-	-	-	-

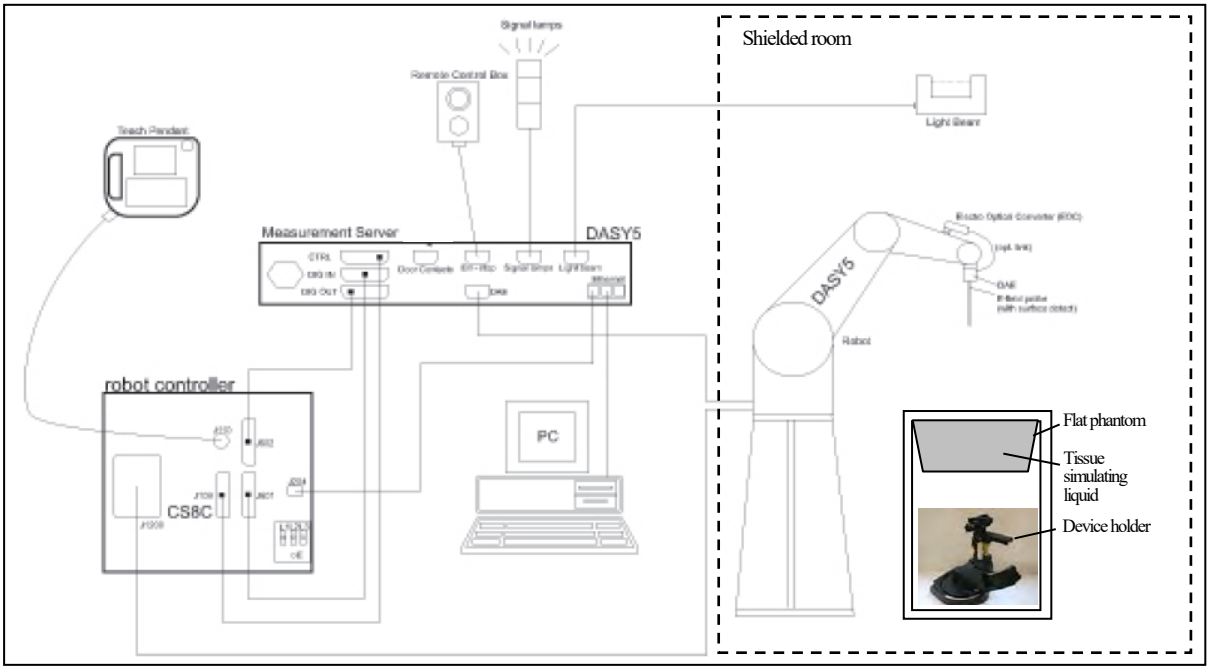
*. AT (antenna terminal conducted power measurement) was measured March 13~15, 2019. (Refer to Section 6 in this report.)

The expiration date of calibration is the end of the expired month.
As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.
All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or international standards.

[Test Item] SAR: Specific Absorption Rate; AT: Antenna terminal conducted power

Appendix 3-2: Configuration and peripherals

These measurements were performed with the automated near-field scanning system DASY5 from Schmid & Partner Engineering AG (SPEAG). The system is based on a high precision robot), which positions the probes with a positional repeatability of better than ± 0.02 mm. Special E- and H-field probes have been developed for measurements close to material discontinuity, the sensors of which are directly loaded with a Schottky diode and connected via highly resistive lines to the data acquisition unit. The SAR measurements were conducted with the dosimetry probes EX3DV4 (manufactured by SPEAG), designed in the classical triangular configuration and optimized for dosimetric evaluation.



The DASY5 system for performing compliance tests consist of the following items:

1	A standard high precision 6-axis robot (Stäubli TX/RX family) with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
2	An isotropic field probe optimized and calibrated for the targeted measurement.
3	A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
4	The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
5	The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
6	The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
7	A computer running Win7 professional operating system and the DASY5 software.
8	R Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
9	The phantom.
10	The device holder for EUT. (low-loss dielectric palette) (*. when it was used.)
11	Tissue simulating liquid mixed according to the given recipes.
12	Validation dipole kits allowing to validate the proper functioning of the system.

Appendix 3-3: Test system specification

TX60 Lsepag robot/CS8Csepag-TX60 robot controller

•Number of Axes : 6 •Repeatability : ±0.02 mm
•Manufacture : Stäubli Unimation Corp.

DASY5 Measurement server

•Features : The DASY5 measurement server is based on a PC/104 CPU board with a 400MHz intel ULV Celeron, 128MB chip-disk and 128MB RAM. The necessary circuits for communication with the DAE4 electronics box, as well as the 16 bit AD converter system for optical detection and digital I/O interface are contained on the DASY5 I/O board, which is directly connected to the PC/104 bus of the CPU board.
•Calibration : No calibration required.
•Manufacture : Schmid & Partner Engineering AG

Data Acquisition Electronic (DAE)

•Features : Signal amplifier, multiplexer, A/D converter and control logic.
Serial optical link for communication with DASY5 embedded system (fully remote controlled). 2 step probe touch detector for mechanical surface detection and emergency robot stop (not in -R version)
•Measurement Range : 1 µV to > 200 mV (16bit resolution and 2 range settings: 4 mV, 400 mV)
•Input Offset voltage : < 1 µV (with auto zero)
•Input Resistance : 200 MΩ
•Battery Power : > 10 hrs. of operation (with two 9 V battery)
•Manufacture : Schmid & Partner Engineering AG

Electro-Optical Converter (EOC61)

•Manufacture : Schmid & Partner Engineering AG

Light Beam Switch (LB5/80)

•Manufacture : Schmid & Partner Engineering AG

SAR measurement software

•Item : Dosimetric Assessment System DASY5
•Software version : Refer to Appendix 3-1 (Equipment used)
•Manufacture : Schmid & Partner Engineering AG

E-Field Probe

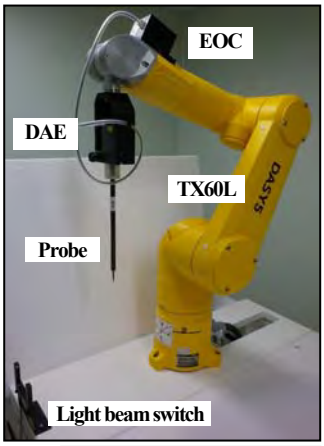
•Model : EX3DV4 (serial number: 3907)
•Construction : Symmetrical design with triangular core.
Built-in shielding against static charges.
PEEK enclosure material (resistant to organic solvents, e.g., DGBE).
•Frequency : 10MHz to 6GHz, Linearity: ±0.2 dB (30MHz to 6GHz)
•Conversion Factors : 2.45, 5.2, 5.25, 5.5, 5.6, 5.75, 5.8 GHz (Head)
: 2.45, 5.25, 5.6, 5.75 GHz (Body)
•Directivity : ±0.3 dB in HSL (rotation around probe axis)
±0.5 dB in tissue material (rotation normal to probe axis)
•Dynamic Range : 10µW/g to > 100 mW/g; Linearity: ±0.2 dB (noise: typically < 1 µW/g)
•Dimension : Overall length: 330 mm (Tip: 20 mm)
Tip diameter: 2.5 mm (Body: 12 mm)
Typical distance from probe tip to dipole centers: 1mm
•Application : High precision dosimetric measurement in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6GHz with precision of better 30%.
•Manufacture : Schmid & Partner Engineering AG

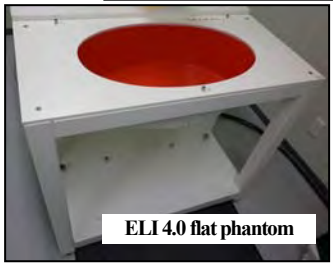
Phantom

•Type : **ELI 4.0 oval flat phantom**
•Shell Material : Fiberglass •Shell Thickness : Bottom plate: 2 ±0.2 mm
•Dimensions : Bottom elliptical: 600×400 mm, Depth: 190 mm (Volume: Approx. 30 liters)
•Manufacture : Schmid & Partner Engineering AG

Device Holder

☒ Urethane foam
☒ KSDH-01: In combination with the ELI4, the Mounting Device enables the rotation of the mounted transmitter device in spherical coordinates. Transmitter devices can be easily and accurately positioned. The low-loss dielectric urethane foam was used for the mounting section of device holder.
•Material : Polyoxymethylene (POM) •Manufacture : Schmid & Partner Engineering AG
☒ SSDH-02: A simple but effective and easy-to-use extension for the Mounting Device; facilitates testing of larger devices (e.g., laptops, cameras, etc.) according to IEC 62209-2.
•Material : Polyoxymethylene (POM), PET-G, Foam
•Manufacture :Schmid & Partner Engineering AG





Appendix 3-4: Simulated tissue composition and parameter confirmation

Liquid type	Body	Body
Control No.	KSLM245-01	KSLM580-02
Model No. / Product No.	MSL2450V2 / SL AAM 245 BA	MBBL3500-5800V5 / SL AAM 501 AB
Ingredient: Mixture [%]	Water: 52~75, DGBE: 25~48, NaCl: < 1.0	Water: 60~80, Ester/Emulsifiers/Inhibitors: 20~40, Sodium salt: 0~1.5
Temperature gradients [% / deg.C]	permittivity: +0.16 / conductivity: -2.58 (at 2.5 GHz) (*1)	permittivity: -0.08 / conductivity: -1.67 (at 5.5 GHz) (*2)
Manufacture	Schmid & Partner Engineering AG	Note: *1. Temperature_Gradient_tsl2450v2&tsl5000_16.01.2011, *2. speag_920-SLAAxyy-E_01.12.15CL

*. The dielectric parameters were checked prior to assessment using the DAK3.5 dielectric probe kit.

Measured date	Freq. [MHz]	Liquid type	Ambient [deg.C.] /[%RH]	Liquid temp. [deg.C.]	Liquid Depth [mm]	Liquid parameters (*a)								ΔSAR	
						Permittivity (εr) [-]				Conductivity [S/m]				(1g) [%] (*b)	(10g) [%] (*b)
						Target	Measured		Limit	Target	Measured		Limit		
							Meas.	Δεr[%]			Meas.	Δσ[%]			
May 20, 2019	5250	Body	24/35~45	23.0	(150)	***48.95***	48.23	-1.4	±5%	***5.358***	5.449	+1.7	±5%	+0.23	+0.28
May 21, 2019	5600	Body	24/35~45	23.0	(150)	***48.47***	47.66	-1.7	±5%	***5.766***	5.924	+2.7	±5%	+0.21	+0.31
May 22, 2019	5750	Body	24/35~45	23.0	(150)	***48.27***	47.38	-1.8	±5%	***5.942***	6.140	+3.3	±5%	+0.22	+0.36
May 23, 2019	5250	Body	24/45~55	23.0	(149)	***48.95***	48.05	-1.8	±5%	***5.358***	5.505	+2.8	±5%	+0.28	+0.33
May 24, 2019	5600	Body	24/45~55	23.0	(149)	***48.47***	47.44	-2.1	±5%	***5.766***	5.975	+3.6	±5%	+0.27	+0.39
May 24, 2019	5750	Body	24/45~55	23.0	(149)	***48.27***	47.22	-2.2	±5%	***5.942***	6.185	+4.1	±5%	+0.25	+0.42
May 28, 2019	2450	Body	23/35~45	22.5	(150)	**52.7**	50.29	-4.6	±5%	**1.95**	1.990	+2.0	±5%	+2.00	+1.25
May 29, 2019	2450	Body	24/50~60	22.5	(150)	**52.7**	50.42	-4.3	±5%	**1.95**	1.988	+2.0	±5%	+1.91	+1.20

*a. The target values of (2000, 2450, 3000 and 5800) MHz are parameters defined in Appendix A of KDB 865664 D01. For other frequencies, the target nominal dielectric values shall be obtained by linear interpolation between the higher and lower tabulated figures.

Standard										*Interpolated & Extrapolated*									
f (MHz)	Head Tissue		Body Tissue		f (MHz)	Head Tissue		Body Tissue		f (MHz)	Head Tissue		Body Tissue		f (MHz)	Head Tissue		Body Tissue	
	εr	σ [S/m]	εr	σ [S/m]		εr	σ [S/m]	εr	σ [S/m]		εr	σ [S/m]	εr	σ [S/m]		εr	σ [S/m]	εr	σ [S/m]
(1800-)2000	**40.0**	**1.40**	**53.3**	**1.52**	3000	**38.5**	**2.40**	**52.0**	**2.73**	*5250*	*35.93*	*4.706*	*48.95*	*5.358*	*5750*	*35.36*	*5.219*	*48.27*	*5.942*
2450	**39.2**	**1.80**	**52.7**	**1.95**	5800	**35.3**	**5.27**	**48.2**	**6.00**	*5600*	*35.53*	*5.065*	*48.47*	*5.766*	-	-	-	-	-

*b. The coefficients are parameters defined in IEEE Std. 1528-2013.

$\Delta SAR(1g) = C\varepsilon r \times \Delta\varepsilon r + C\sigma \times \Delta\sigma$, $C\varepsilon r = -7.854E\text{-}4 \times f^3 + 9.402E\text{-}3 \times f^2 - 2.742E\text{-}2 \times f + 0.2026$ / $C\sigma = 9.804E\text{-}3 \times f^3 - 8.661E\text{-}2 \times f^2 + 2.981E\text{-}2 \times f + 0.7829$

$\Delta SAR(10g) = C\varepsilon r \times \Delta\varepsilon r + C\sigma \times \Delta\sigma$, $C\varepsilon r = 3.456 \times 10^{-3} \times f^3 - 3.531 \times 10^{-2} \times f^2 + 7.675 \times 10^{-2} \times f - 0.1860$ / $C\sigma = 4.479 \times 10^{-3} \times f^3 - 1.586 \times 10^{-2} \times f^2 - 0.1972 \times f + 0.7717$

Appendix 3-5: Daily check results

*. Prior to the SAR assessment of EUT, the Daily check was performed to test whether the SAR system was operating within its target of ±10%. The Daily check results are in the table below.

Daily check results																			
Date	Freq. [MHz]	Liquid Type	Daily check target & measured																
			SAR (1g) [W/kg] (*d)									SAR (10g) [W/kg] (*d)								
			Meas. (*c)	ΔSAR-correct	1W scaled	Target		Deviation		Limit [%]	Pass ?	Meas. (*c)	ΔSAR-correct	1W scaled	Target		Deviation		Limit [%]	Pass ?
						Cal. (*e)	STD (*f)	Cal. [%]	STD [%]						Cal. (*e)	STD (*f)	Cal. [%]	STD [%]		
May 20, 2019	5250	Body	7.59	7.57	75.7	75.4	n/a	+0.4	n/a	±10	Pass	2.15	2.14	21.4	21.0	n/a	+1.9	n/a	±10	Pass
May 21, 2019	5600	Body	8.3	8.28	82.8	80.6	n/a	+2.7	n/a	±10	Pass	2.3	2.29	22.9	22.5	n/a	+1.8	n/a	±10	Pass
May 22, 2019	5750	Body	7.46	7.44	74.4	76.1	n/a	-2.2	n/a	±10	Pass	2.08	2.07	20.7	21.1	n/a	-1.9	n/a	±10	Pass
May 23, 2019	5250	Body	7.54	7.52	75.2	75.4	n/a	-0.3	n/a	±10	Pass	2.13	2.12	21.2	21.0	n/a	+1.0	n/a	±10	Pass
May 24, 2019	5600	Body	8.5	8.48	84.8	80.6	n/a	+5.2	n/a	±10	Pass	2.36	2.35	23.5	22.5	n/a	+4.4	n/a	±10	Pass
May 24, 2019	5750	Body	7.77	7.75	77.5	76.1	n/a	+1.8	n/a	±10	Pass	2.17	2.16	21.6	21.1	n/a	+2.4	n/a	±10	Pass
May 28, 2019	2450	Body	13.1	12.84	51.36	50.7	n/a	+1.3	n/a	±10	Pass	6.12	6.04	24.16	23.7	n/a	+1.9	n/a	±10	Pass
May 29, 2019	2450	Body	12.6	12.36	49.44	50.7	n/a	-2.5	n/a	±10	Pass	5.9	5.83	23.32	23.7	n/a	-1.6	n/a	±10	Pass

*. Calculating formula: ΔSAR corrected SAR (1g,10g) (W/kg) = (Observed SAR(1g,10g) (W/kg)) × (100 - (ΔSAR(%)) / 100

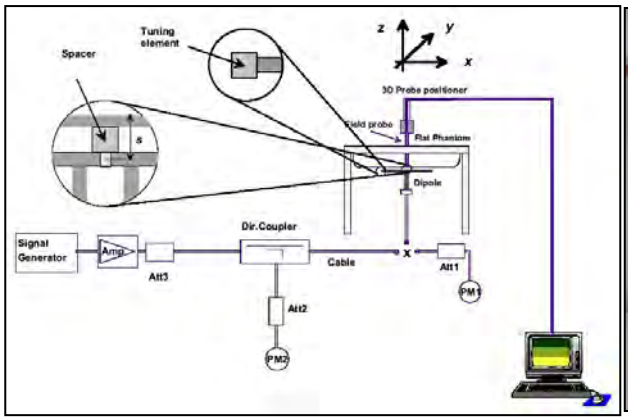
*c. The "Meas. (Measured)" SAR value is obtained at 250 mW for 2450MHz, and at 100 mW for 5GHz band.

*d. The measured SAR value of Daily check was compensated for tissue dielectric deviations (ΔSAR) and scaled to 1W of output power in order to compare with the manufacture's calibration target value which was normalized.

*e. The target value is a parameter defined in the calibration data sheet of D2450V2 (sn:765) and D5GHzV2 (sn:1070) dipole calibrated by Schmid & Partner Engineering AG (Certification No. D2450V2-822_Jan19 / D5GHzV2-1070_Mar19, the data sheet was filed in this report).

*f. The target value (normalized to 1W) is defined in IEEE Std.1528.

Test setup for the system performance check



Dipole (2450MHz)

Dipole (5GHz band)

Appendix 3-6: Daily check measurement data

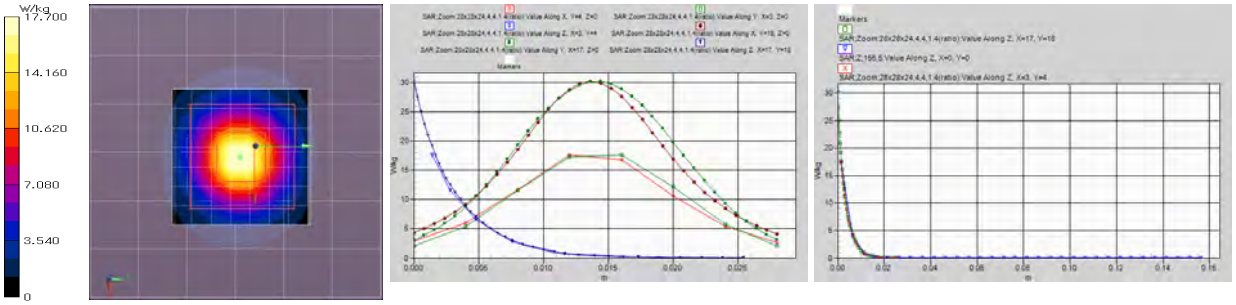
Photographs of Liquid depth	
150 mm (Body, 5GHz, May 20, 2019)	150 mm (Body, 5GHz, May 21, 2019)
	

(May 20, 2019) EUT: Dipole(5GHz); Type: D5GHzV2; Serial: 1070; Forward conducted power: 100mW
Communication System: CW (*. UID:0; CW(0);)Frame Length in ms: 0; PAR: 0; PMF: 1)**; Frequency: 5250 MHz; Crest Factor: 1.0**
Medium: MSL5800(1905); Medium parameters used: f = 5250 MHz; σ = 5.449 S/m; ε_r = 48.25; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5250 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

Area:60x60,10 (7x7x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 18.1 W/kg
Area:60x60,10 (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 18.4 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 17.4 W/kg

Zoom:28x28x24,4,4,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 65.12 V/m; Power Drift = 0.04 dB; Maximum value of SAR (measured) = 17.7 W/kg; Peak SAR (extrapolated) = 30.2 W/kg
SAR(1 g) = 7.59 W/kg; SAR(10 g) = 2.15 W/kg



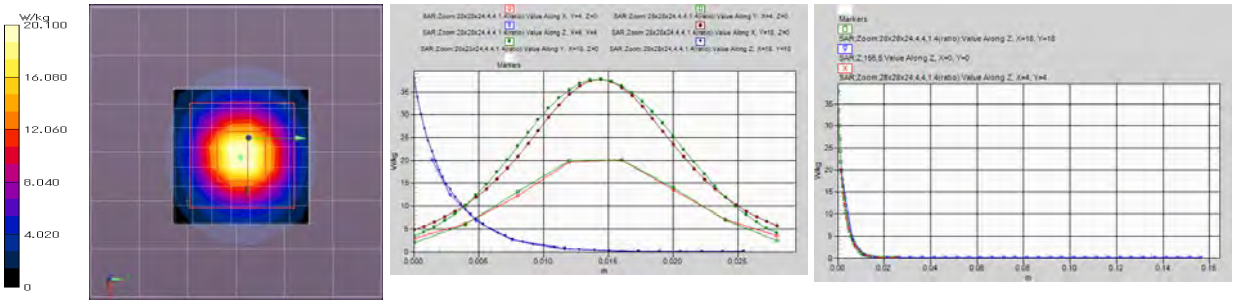
Remarks: *. Date tested: 2019/05/20; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of dipole to phantom: 8mm (10mm to liquid); ambient: 24 deg.C. / 45 %RH,
*. liquid temperature: 22.7(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

(May 21, 2019) EUT: Dipole(5GHz); Type: D5GHzV2; Serial: 1070; Forward conducted power: 100mW
Communication System: CW (*. UID:0; CW(0);)Frame Length in ms: 0; PAR: 0; PMF: 1)**; Frequency: 5600 MHz; Crest Factor: 1.0**
Medium: MSL5800(1905); Medium parameters used: f = 5600 MHz; σ = 5.924 S/m; ε_r = 47.66; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5600 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

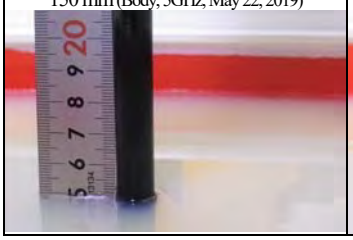
Area:60x60,10 (7x7x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 21.0 W/kg
Area:60x60,10 (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 21.4 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 19.8 W/kg

Zoom:28x28x24,4,4,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 65.91 V/m; Power Drift = 0.10 dB; Maximum value of SAR (measured) = 20.1 W/kg; Peak SAR (extrapolated) = 37.7 W/kg
SAR(1 g) = 8.3 W/kg; SAR(10 g) = 2.3 W/kg



Remarks: *. Date tested: 2019/05/21; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of dipole to phantom: 8mm (10mm to liquid); ambient: 24 deg.C. / 45 %RH,
*. liquid temperature: 22.7(start)/22.7(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 3-6: Daily check measurement data (cont'd)

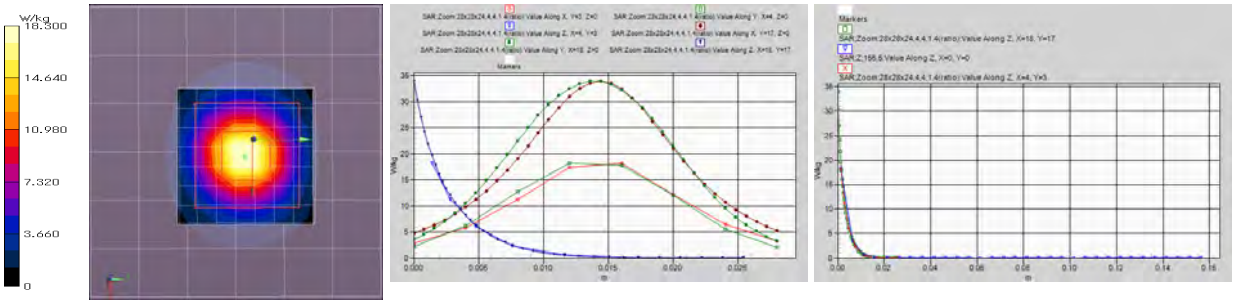
Photographs of Liquid depth	
150 mm (Body, 5GHz, May 22, 2019)	149 mm (Body, 5GHz, May 23, 2019)
	

(May 22, 2019) EUT: Dipole(5GHz); Type: D5GHzV2; Serial: 1070; Forward conducted power: 100mW
Communication System: CW (*. UID:0; CW(0);)Frame Length in ms: 0; PAR: 0; PMF: 1)**; Frequency: 5750 MHz; Crest Factor: 1.0**
Medium: MSL5800(1905); Medium parameters used: f = 5750 MHz; σ = 6.14 S/m; ε_r = 47.38; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5750 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

Area:60x60,10 (7x7x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 18.6 W/kg
Area:60x60,10 (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 19.3 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 18.2 W/kg

Zoom:28x28x24,4,4,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 62.64 V/m; Power Drift = -0.07 dB; Maximum value of SAR (measured) = 18.3 W/kg; Peak SAR (extrapolated) = 34.0 W/kg
SAR(1 g) = 7.46 W/kg; SAR(10 g) = 2.08 W/kg



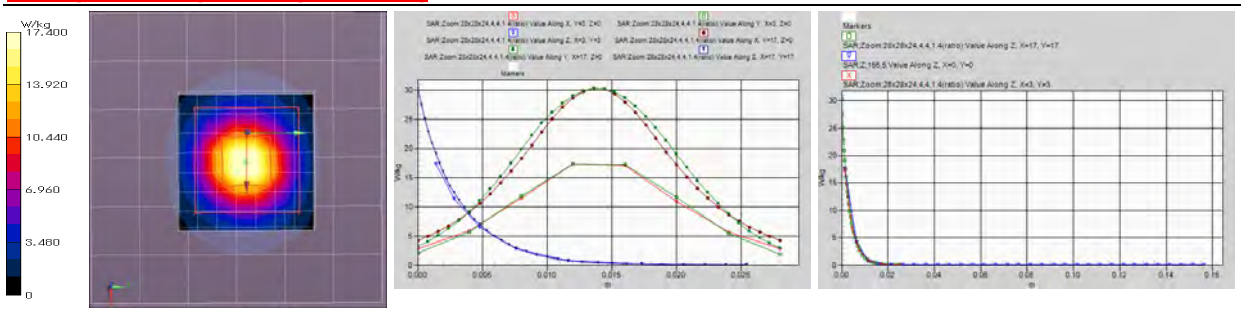
Remarks: *. Date tested: 2019/05/22; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of dipole to phantom: 8mm (10mm to liquid); ambient: 24 deg.C. / 45 %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

(May 23, 2019) EUT: Dipole(5GHz); Type: D5GHzV2; Serial: 1070; Forward conducted power: 100mW
Communication System: CW (*. UID:0; CW(0);)Frame Length in ms: 0; PAR: 0; PMF: 1)**; Frequency: 5250 MHz; Crest Factor: 1.0**
Medium: MSL5800(1905); Medium parameters used: f = 5250 MHz; σ = 5.505 S/m; ε_r = 48.05; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4.49, 4.49, 4.49) @ 5250 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

Area:60x60,10 (7x7x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 17.5 W/kg
Area:60x60,10 (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 18.2 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 17.5 W/kg

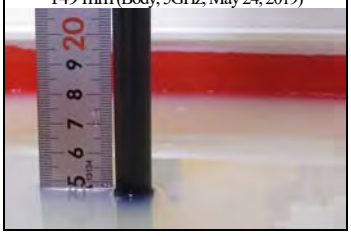
Zoom:28x28x24,4,4,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 63.12 V/m; Power Drift = 0.05 dB; Maximum value of SAR (measured) = 17.4 W/kg; Peak SAR (extrapolated) = 30.3 W/kg
SAR(1 g) = 7.54 W/kg; SAR(10 g) = 2.13 W/kg



Remarks: *. Date tested: 2019/05/23; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of dipole to phantom: 8mm (10mm to liquid); ambient: 24 deg.C. / 59 %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 3-6: Daily check measurement data (cont'd)

Photographs of Liquid depth
149 mm (Body, 5GHz, May 24, 2019)

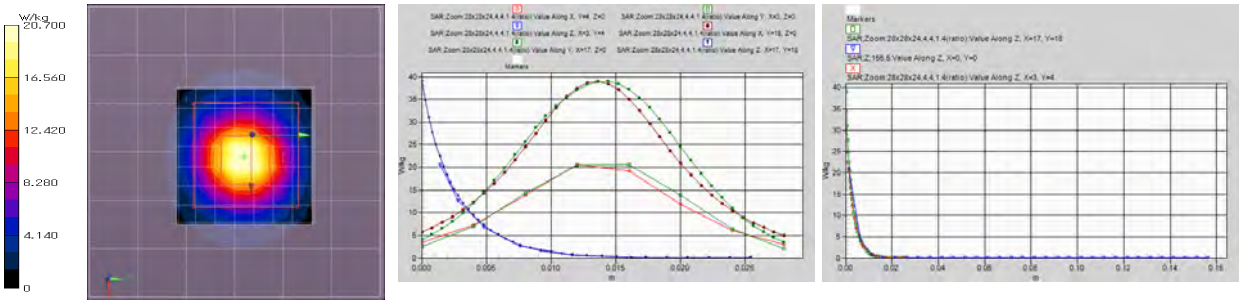


(May 24, 2019) EUT: Dipole(5GHz); Type: D5GHzV2; Serial: 1070; Forward conducted power: 100mW
Communication System: CW (*. UID:0; CW(0);)Frame Length in ms: 0; PAR: 0; PMF: 1)**; Frequency: 5600 MHz; Crest Factor: 1.0**
Medium: MSL5800(1905); Medium parameters used: f = 5600 MHz; σ = 5.975 S/m; ε_r = 47.44; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(3.92, 3.92, 3.92) @ 5600 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

Area:60x60,10 (7x7x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 20.5 W/kg
Area:60x60,10 (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 21.6 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 20.9 W/kg

Zoom:28x28x24,4,4,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 64.55 V/m; Power Drift = 0.01 dB; Maximum value of SAR (measured) = 20.7 W/kg; Peak SAR (extrapolated) = 39.0 W/kg
SAR(1 g) = 8.5 W/kg; SAR(10 g) = 2.36 W/kg



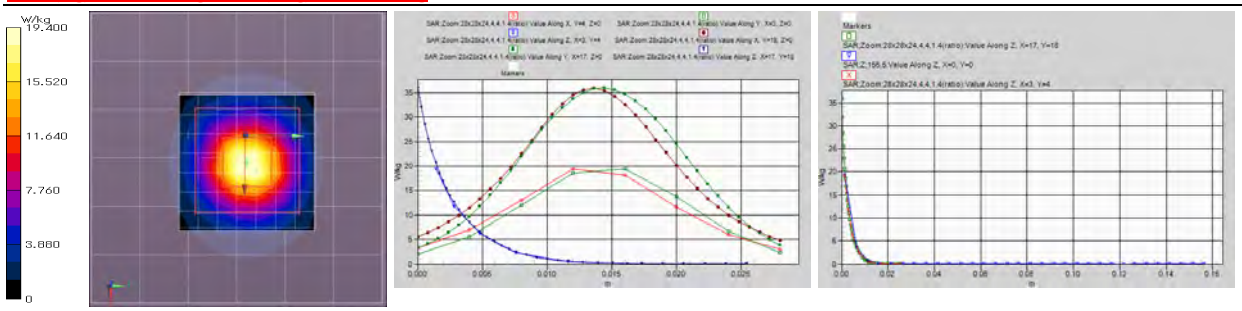
Remarks: *. Date tested: 2019/05/24; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of dipole to phantom: 8mm (10mm to liquid); ambient: 24 deg.C. / 59 %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

(May 27, 2019) EUT: Dipole(5GHz); Type: D5GHzV2; Serial: 1070; Forward conducted power: 100mW
Communication System: CW (*. UID:0; CW(0);)Frame Length in ms: 0; PAR: 0; PMF: 1)**; Frequency: 5750 MHz; Crest Factor: 1.0**
Medium: MSL5800(1905); Medium parameters used: f = 5750 MHz; σ = 6.185 S/m; ε_r = 47.22; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(4, 4, 4) @ 5750 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 25.0, 156.0

Area:60x60,10 (7x7x1): Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 18.3 W/kg
Area:60x60,10 (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm; Maximum value of SAR (interpolated) = 19.7 W/kg
Z;155,5 (1x1x32): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 19.3 W/kg

Zoom:28x28x24,4,4,1.4(ratio) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm;
Reference Value = 61.48 V/m; Power Drift = -0.03 dB; Maximum value of SAR (measured) = 19.4 W/kg; Peak SAR (extrapolated) = 35.9 W/kg
SAR(1 g) = 7.77 W/kg; SAR(10 g) = 2.17 W/kg



Remarks: *. Date tested: 2019/05/24; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 149 mm; Position: distance of dipole to phantom: 8mm (10mm to liquid); ambient: 24 deg.C. / 59 %RH,
*. liquid temperature: 22.8(start)/22.8(end)/23.0(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

Appendix 3-6: Daily check measurement data (cont'd)

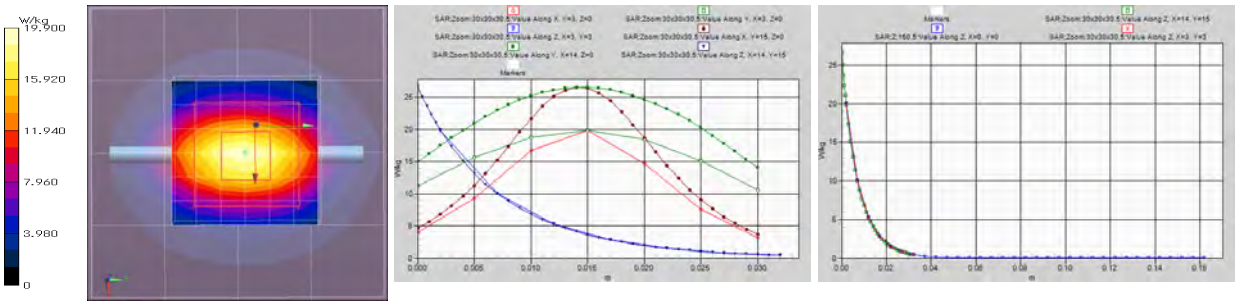
Photographs of Liquid depth	
148 mm (Body, 2.4GHz, May 28, 2019)	150 mm (Body, 2.4GHz, May 29, 2019)
	

(May 28, 2019) EUT: Dipole(2.45GHz); Type: D2450V2; Serial: 822; Forward conducted power: 250mW
Communication System: CW (*. UID:0; CW;)Frame Length in ms: 0; PAR: 0; PMF: 1)**; Frequency: 2450 MHz; Crest Factor: 1.0**
Medium: M2450(1905); Medium parameters used: f = 2450 MHz; σ = 1.99 S/m; ε_r = 50.289; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2450 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0, 161.0

Area:60x60,15 (5x5x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 19.8 W/kg
Area:60x60,15 (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm; Maximum value of SAR (interpolated) = 19.8 W/kg
Z;160,5 (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 20.0 W/kg

Zoom:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 100.9 V/m; Power Drift = 0.04 dB; Maximum value of SAR (measured) = 19.9 W/kg; Peak SAR (extrapolated) = 26.6 W/kg
SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.12 W/kg



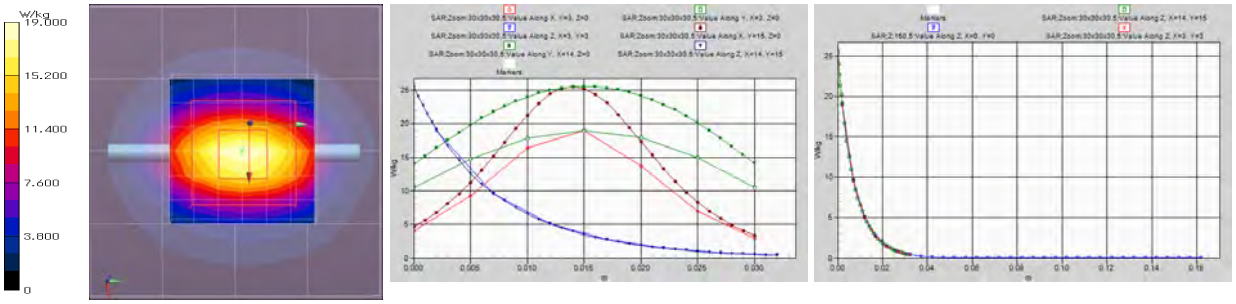
Remarks: *. Date tested: 2019/05/28; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of dipole to phantom: 8mm (10mm to liquid); ambient: 23 deg.C. / 49 %RH,
*. liquid temperature: 22.4(start)/22.4(end)/22.5(in check) deg.C.; *.White cubic: zoom scan area, Red cubic: big=SAR(10g)/small=SAR(1g)

(May 29, 2019) EUT: Dipole(2.45GHz); Type: D2450V2; Serial: 822; Forward conducted power: 250mW
Communication System: CW (*. UID:0; CW;)Frame Length in ms: 0; PAR: 0; PMF: 1)**; Frequency: 2450 MHz; Crest Factor: 1.0**
Medium: M2450(1905); Medium parameters used: f = 2450 MHz; σ = 1.988 S/m; ε_r = 50.42; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration: -Electronics: DAE4 Sn626; Calibrated: 2018/10/15 / -Phantom: ELI v4.0; Type: QDOVA001BA; Serial: 1059; Phantom section: Flat Section -DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) / -Probe: EX3DV4 - SN3907; ConvF(7.32, 7.32, 7.32) @ 2450 MHz; Calibrated: 2018/05/15 -Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0, 161.0

Area:60x60,15 (5x5x1): Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 18.8 W/kg
Area:60x60,15 (41x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm; Maximum value of SAR (interpolated) = 18.8 W/kg
Z;160,5 (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=5mm; Maximum value of SAR (measured) = 19.0 W/kg

Zoom:30x30x30,5 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm;
Reference Value = 98.84 V/m; Power Drift = -0.02 dB; Maximum value of SAR (measured) = 19.0 W/kg; Peak SAR (extrapolated) = 25.5 W/kg
SAR(1 g) = 12.6 W/kg; SAR(10 g) = 5.9 W/kg



Remarks: *. Date tested: 2019/05/29; Tested by: Hiroshi Naka; Tested place:No.7 shielded room,
*. liquid depth: 150 mm; Position: distance of dipole to phantom: 8mm (10mm to liquid); ambient: 24 deg.C. / 60 %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)