

Date/Time: 1/28/2016 12:28:15 PM

Test Laboratory: KES Co., Ltd

System Verification_2450MHz_MSL

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:896

Communication System: UID 0, System Validation (0); Frequency: 2450 MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.958$ S/m; $\epsilon_r = 53.056$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.02, 7.02, 7.02); Calibrated: 8/27/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Electronics: DAE4 Sn1344; Calibrated: 11/25/2015
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP: 2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/System Verification_2450MHz_MSL/Area Scan (9x9x1):

Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 12.4 W/kg

Configuration/System Verification_2450MHz_MSL/Zoom Scan (7x7x7)/Cube

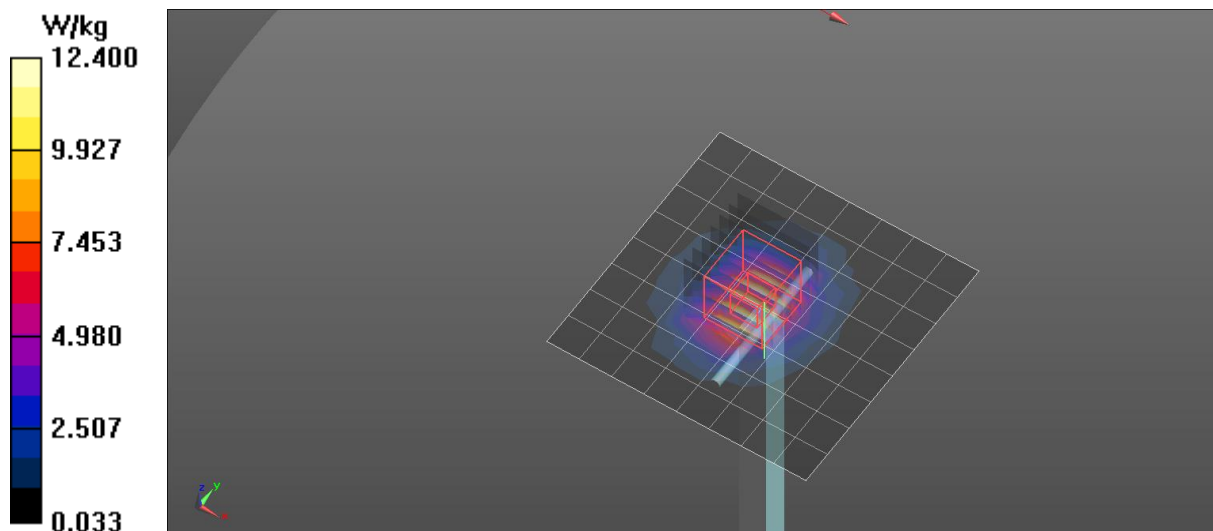
0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 80.38 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 23.6 W/kg

SAR(1 g) = 11.8 W/kg; SAR(10 g) = 5.72 W/kg

Maximum value of SAR (measured) = 13.4 W/kg



Date/Time: 2/1/2016 11:55:37 AM

Test Laboratory: KES Co., Ltd

System Verification_2450MHz_MSL

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:896

Communication System: UID 0, System Validation (0); Frequency: 2450 MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.944$ S/m; $\epsilon_r = 52.756$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.02, 7.02, 7.02); Calibrated: 8/27/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Electronics: DAE4 Sn1344; Calibrated: 11/25/2015
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP: 2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/System Verification_2450MHz_MSL/Area Scan (9x9x1):

Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 13.5 W/kg

Configuration/System Verification_2450MHz_MSL/Zoom Scan (7x7x7)/Cube

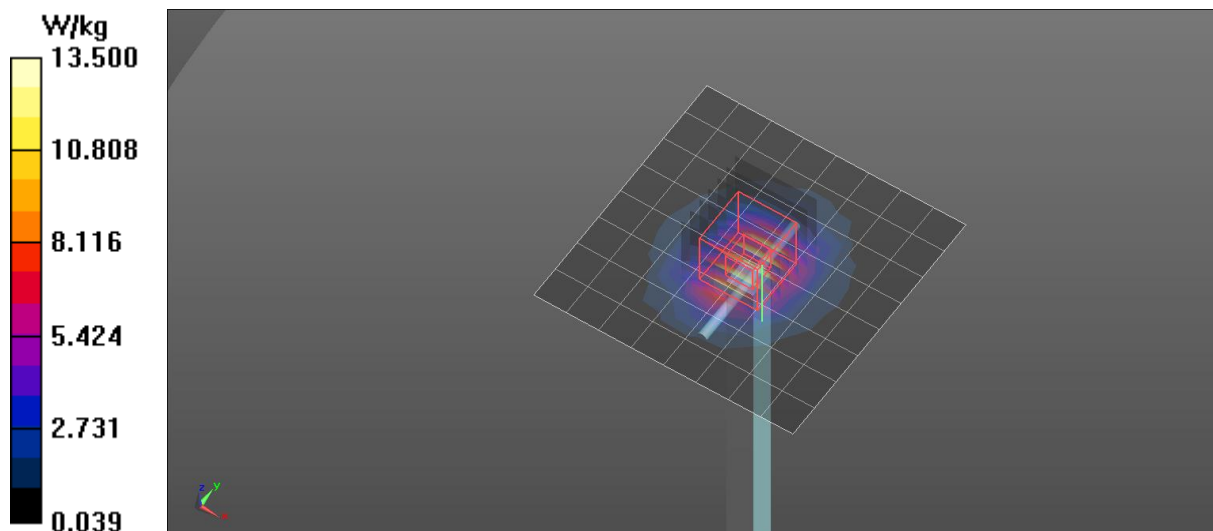
0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 83.15 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 25.6 W/kg

SAR(1 g) = 12.2 W/kg; SAR(10 g) = 5.79 W/kg

Maximum value of SAR (measured) = 13.7 W/kg



Test Laboratory: KES Co., Ltd

GFSK_Top_Body 5mm Gap_High

DUT: SEW-3042WN; Type: Tablet; Serial: N/A

Communication System: UID 0, GFSK (0); Frequency: 2468 MHz

Medium parameters used: $f = 2468$ MHz; $\sigma = 1.981$ S/m; $\epsilon_r = 52.991$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.02, 7.02, 7.02); Calibrated: 8/27/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 6.0$
- Electronics: DAE4 Sn1344; Calibrated: 11/25/2015
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP: 2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/GFSK_Top_Body 5mm Gap_High/Area Scan (14x7x1):

Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.05 W/kg

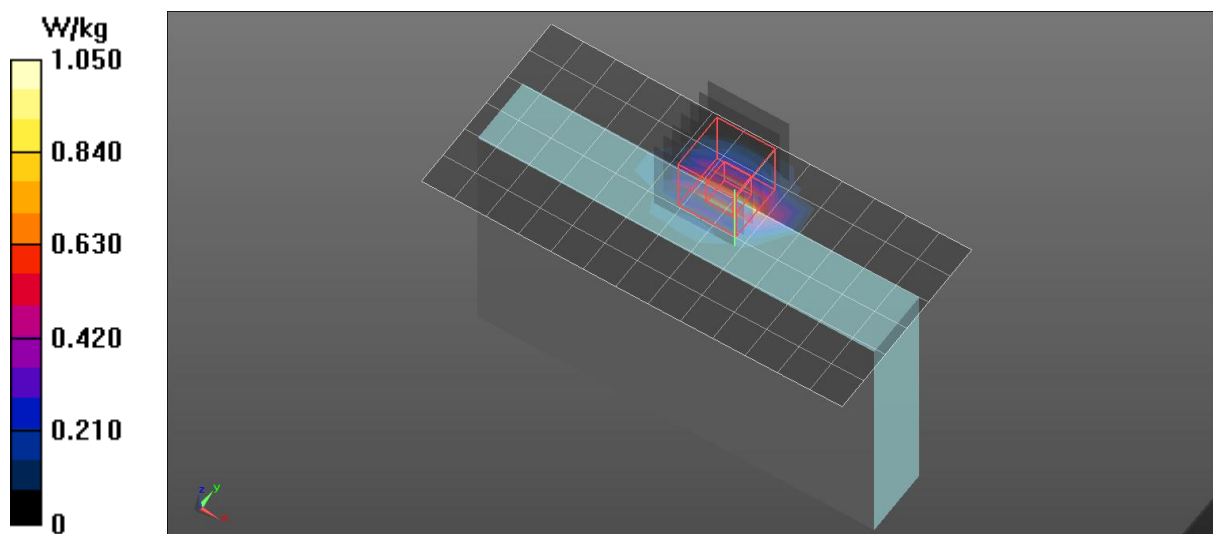
Configuration/GFSK_Top_Body 5mm Gap_High/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.38 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.256 W/kg



Date/Time: 1/28/2016 5:17:50 PM

Test Laboratory: KES Co., Ltd

GFSK_Top_Body 5mm Gap_High-repeated test

DUT: SEW-3042WN; Type: Tablet; Serial: N/A

Communication System: UID 0, GFSK (0); Frequency: 2468 MHz

Medium parameters used: $f = 2468$ MHz; $\sigma = 1.981$ S/m; $\epsilon_r = 52.991$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.02, 7.02, 7.02); Calibrated: 8/27/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 6.0$
- Electronics: DAE4 Sn1344; Calibrated: 11/25/2015
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP: 2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/GFSK_Top_Body 5mm Gap_ High-repeated test/Area Scan

(14x7x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.03 W/kg

Configuration/GFSK_Top_Body 5mm Gap_ High-repeated test/Zoom Scan

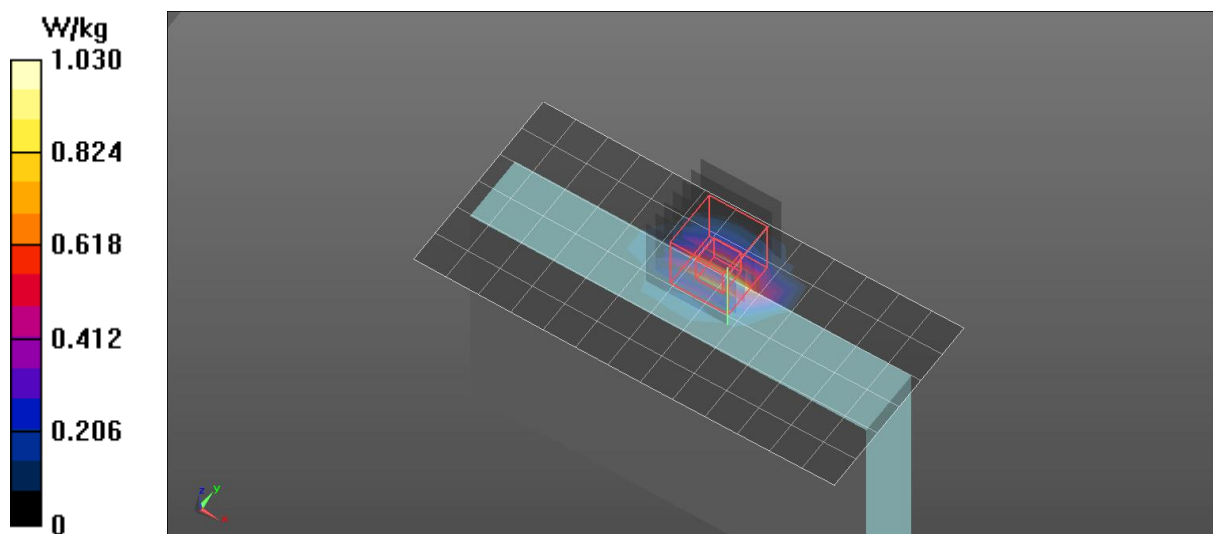
(7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.00 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.251 W/kg

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



Date/Time: 2/1/2016 1:03:10 PM

Test Laboratory: KES Co., Ltd

GFSK_Top_Body 5mm Gap_Low

DUT: SEW-3042WN; Type: Tablet; Serial: N/A

Communication System: UID 0, GFSK (0); Frequency: 2408 MHz

Medium parameters used: $f = 2408$ MHz; $\sigma = 1.9$ S/m; $\epsilon_r = 52.824$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.02, 7.02, 7.02); Calibrated: 8/27/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 6.0$
- Electronics: DAE4 Sn1344; Calibrated: 11/25/2015
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP: 2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/GFSK_Top_Body 5mm Gap_ Low/Area Scan (14x7x1):

Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.13 W/kg

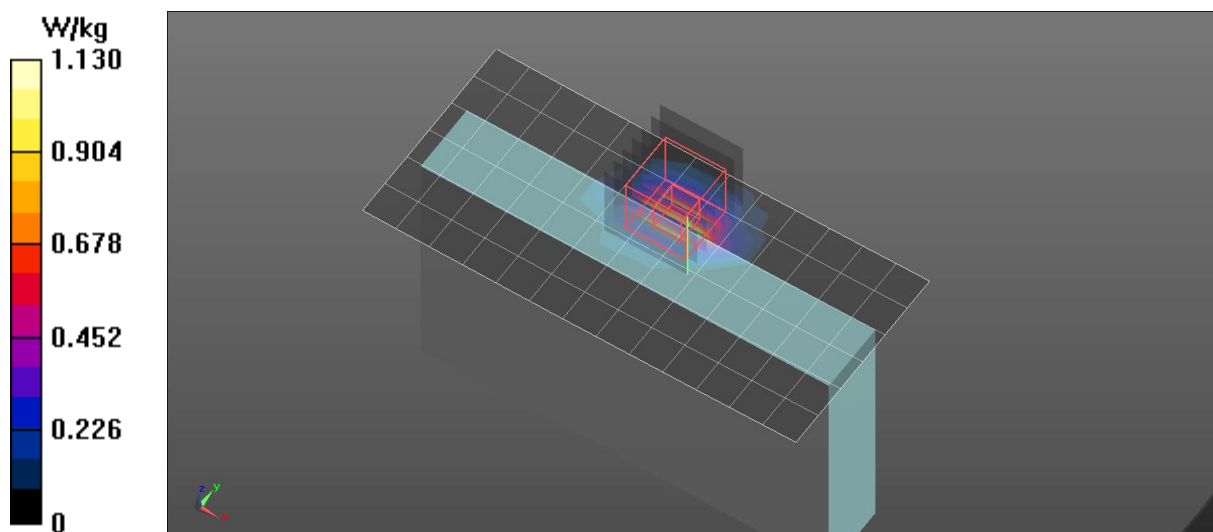
Configuration/GFSK_Top_Body 5mm Gap_ Low/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.27 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.266 W/kg



Test Laboratory: KES Co., Ltd

GFSK_Top_Body 5mm Gap_Low-repeated test

DUT: SEW-3042WN; Type: Tablet; Serial: N/A

Communication System: UID 0, GFSK (0); Frequency: 2408 MHz

Medium parameters used: $f = 2408$ MHz; $\sigma = 1.9$ S/m; $\epsilon_r = 52.824$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.02, 7.02, 7.02); Calibrated: 8/27/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 6.0$
- Electronics: DAE4 Sn1344; Calibrated: 11/25/2015
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP: 2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/GFSK_Top_Body 5mm Gap_ Low-repeated test/Area Scan

(14x7x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.685 W/kg

Configuration/GFSK_Top_Body 5mm Gap_ Low-repeated test/Zoom Scan

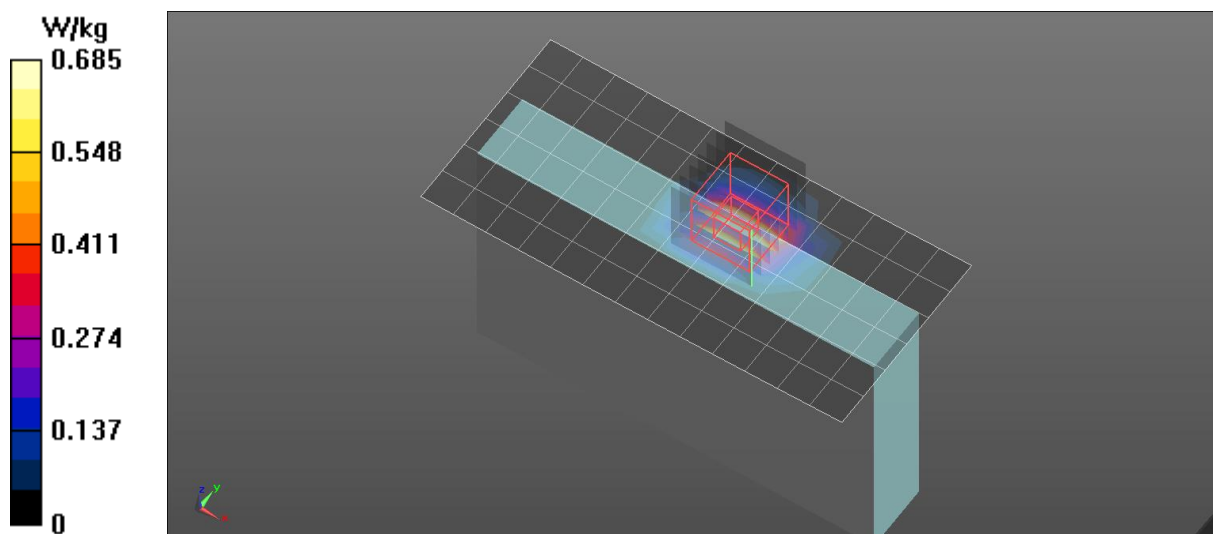
(7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.82 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.913 W/kg



Test Laboratory: KES Co., Ltd

GFSK_Top_Body 5mm Gap_Mid

DUT: SEW-3042WN; Type: Tablet; Serial: N/A

Communication System: UID 0, GFSK (0); Frequency: 2440 MHz

Medium parameters used: $f = 2440$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 52.841$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.02, 7.02, 7.02); Calibrated: 8/27/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 6.0$
- Electronics: DAE4 Sn1344; Calibrated: 11/25/2015
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP: 2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/GFSK_Top_Body 5mm Gap_Mid/Area Scan (14x7x1):

Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.413 W/kg

Configuration/GFSK_Top_Body 5mm Gap_Mid/Zoom Scan (7x7x7)/Cube 0:

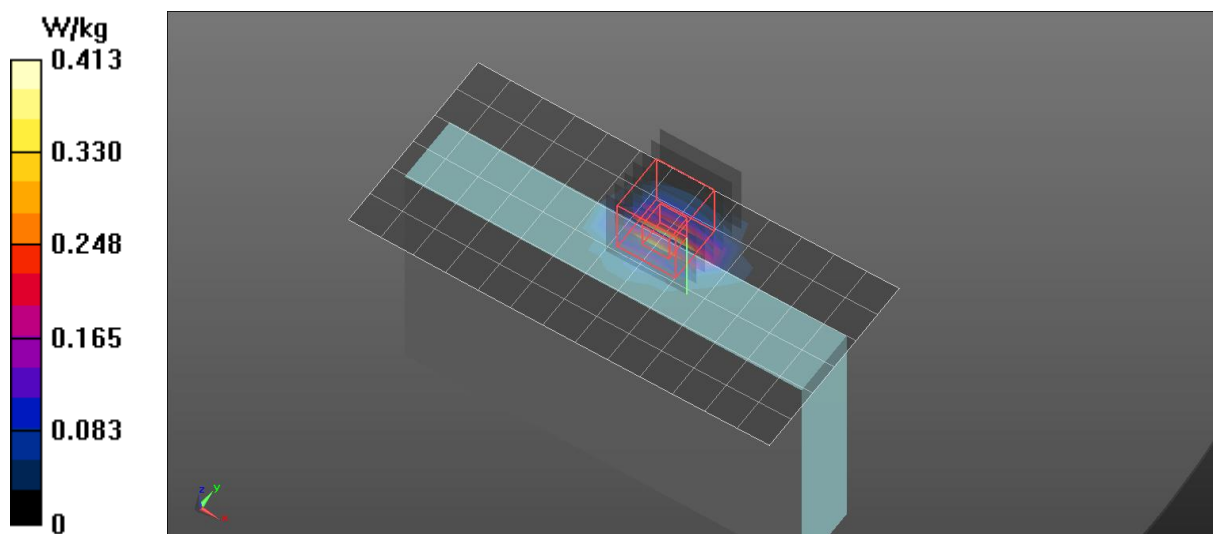
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.672 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.536 W/kg

SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.089 W/kg

Maximum value of SAR (measured) = 0.403 W/kg



Test Laboratory: KES Co., Ltd

GFSK_Rear_Body 5mm Gap_High

DUT: SEW-3042WN; Type: Tablet; Serial: N/A

Communication System: UID 0, GFSK (0); Frequency: 2468 MHz

Medium parameters used: $f = 2468$ MHz; $\sigma = 1.981$ S/m; $\epsilon_r = 52.991$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.02, 7.02, 7.02); Calibrated: 8/27/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 6.0$
- Electronics: DAE4 Sn1344; Calibrated: 11/25/2015
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP: 2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/GFSK_Rear_Body 5mm Gap_High/Area Scan (14x14x1):

Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.146 W/kg

Configuration/GFSK_Rear_Body 5mm Gap_High/Zoom Scan (7x7x7)/Cube 0:

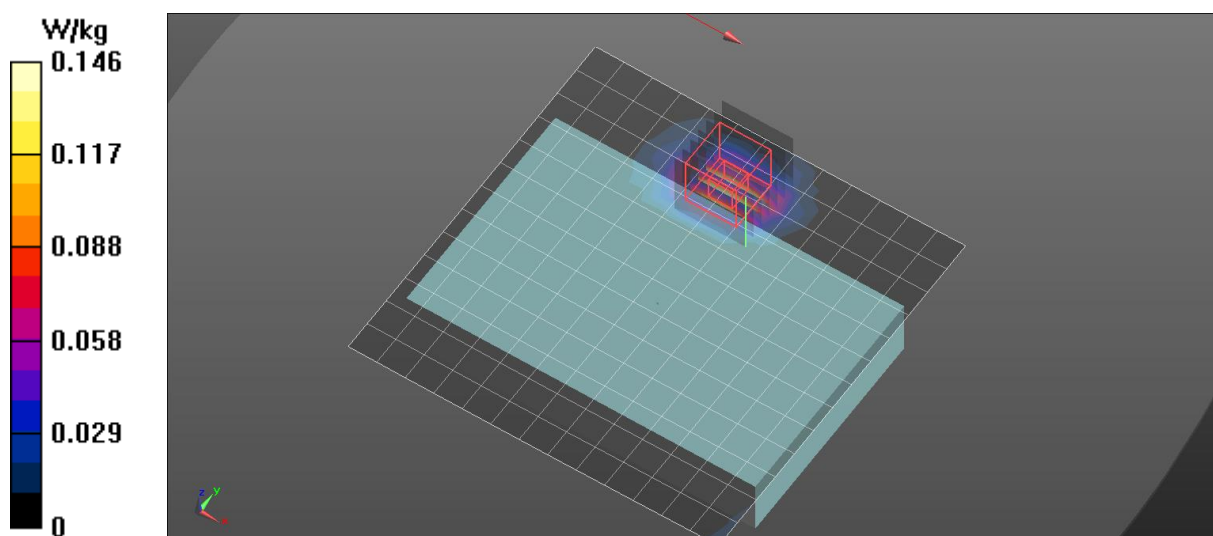
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.377 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.147 W/kg



Test Laboratory: KES Co., Ltd

GFSK_Front_Body 5mm Gap_High

DUT: SEW-3042WN; Type: Tablet; Serial: N/A

Communication System: UID 0, GFSK (0); Frequency: 2468 MHz

Medium parameters used: $f = 2468$ MHz; $\sigma = 1.981$ S/m; $\epsilon_r = 52.991$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.02, 7.02, 7.02); Calibrated: 8/27/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 6.0$
- Electronics: DAE4 Sn1344; Calibrated: 11/25/2015
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP: 2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/GFSK_Front_Body 5mm Gap_High/Area Scan (14x14x1):

Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.117 W/kg

Configuration/GFSK_Front_Body 5mm Gap_High/Zoom Scan (7x7x7)/Cube

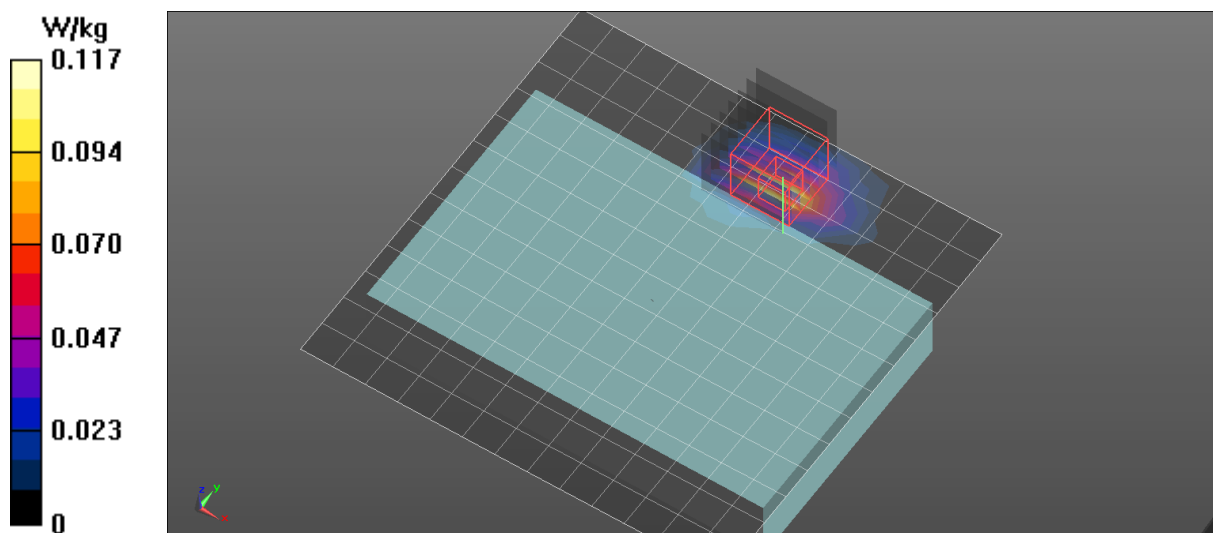
0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.113 W/kg



Date/Time: 1/28/2016 5:43:15 PM

Test Laboratory: KES Co., Ltd

GFSK_Top_Body 5mm Gap_ANT unfold High**DUT: SEW-3042WN; Type: Tablet; Serial: N/A**

Communication System: UID 0, GFSK (0); Frequency: 2468 MHz

Medium parameters used: $f = 2468$ MHz; $\sigma = 1.981$ S/m; $\epsilon_r = 52.991$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.02, 7.02, 7.02); Calibrated: 8/27/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 6.0$
- Electronics: DAE4 Sn1344; Calibrated: 11/25/2015
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP: 2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/GFSK_Top_Body 5mm Gap_ANT unfold High/Area Scan**(14x7x1):** Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0639 W/kg

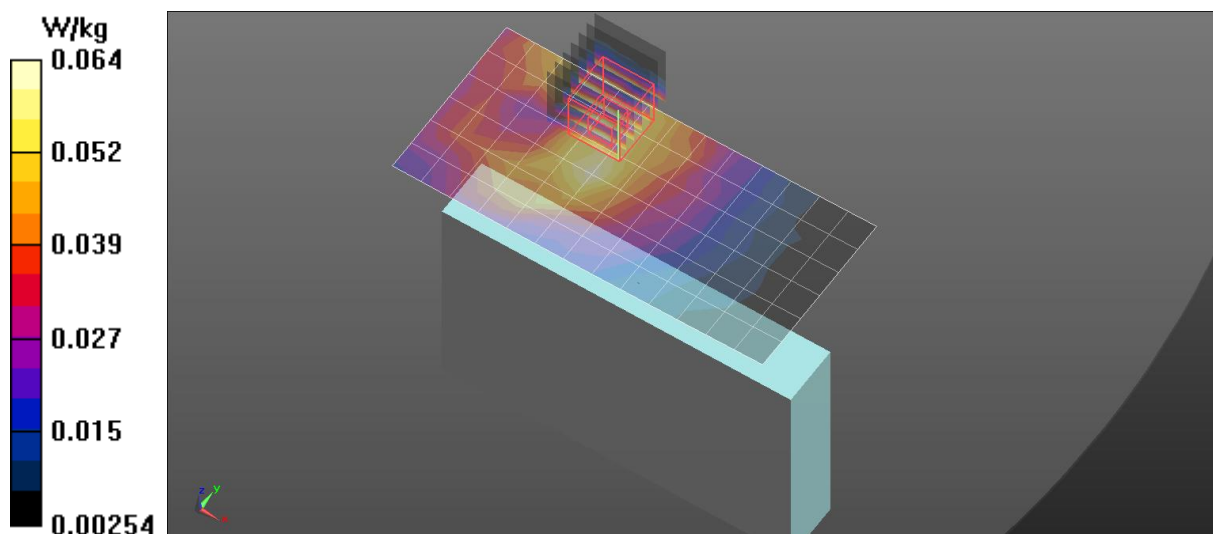
Configuration/GFSK_Top_Body 5mm Gap_ANT unfold High/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.788 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0870 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.022 W/kg.

Maximum value of SAR (measured) = 0.0690 W/kg



Test Laboratory: KES Co., Ltd

GFSK_Rear_Body 5mm Gap_ANTunfold High

DUT: SEW-3042WN; Type: Tablet; Serial: N/A

Communication System: UID 0, GFSK (0); Frequency: 2468 MHz

Medium parameters used: $f = 2468$ MHz; $\sigma = 1.981$ S/m; $\epsilon_r = 52.991$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.02, 7.02, 7.02); Calibrated: 8/27/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 6.0$
- Electronics: DAE4 Sn1344; Calibrated: 11/25/2015
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP: 2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/GFSK_Rear_Body 5mm Gap_ANT unfold High/Area Scan

(13x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.378 W/kg

Configuration/GFSK_Rear_Body 5mm Gap_ANT unfold High/Zoom Scan

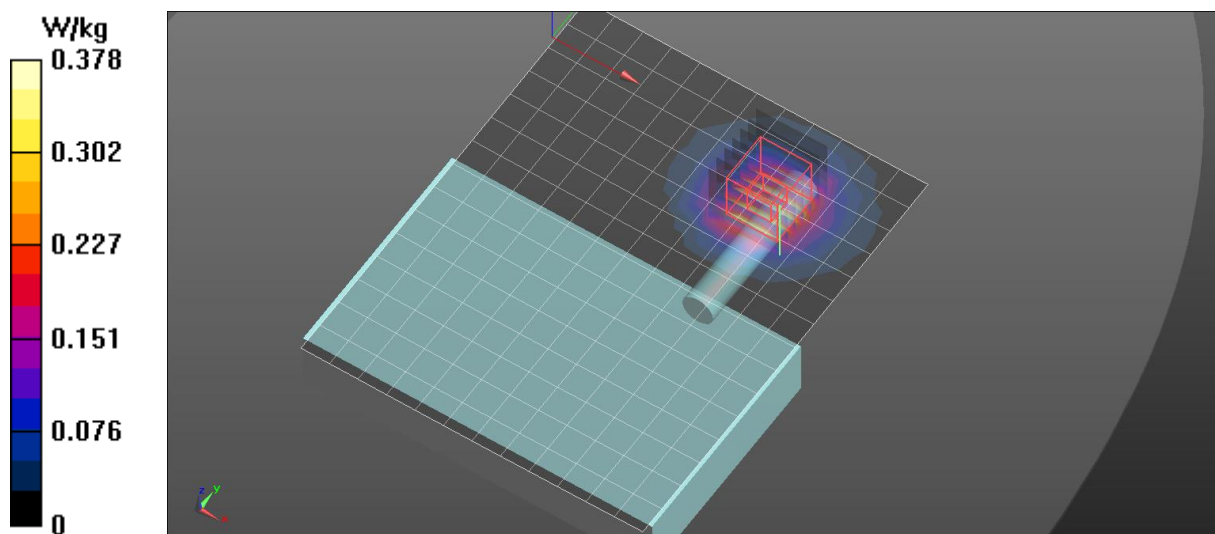
(7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.413 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.436 W/kg



Test Laboratory: KES Co., Ltd

GFSK_Front_Body 5mm Gap_ANTunfold High

DUT: SEW-3042WN; Type: Tablet; Serial: N/A

Communication System: UID 0, GFSK (0); Frequency: 2468 MHz

Medium parameters used: $f = 2468$ MHz; $\sigma = 1.981$ S/m; $\epsilon_r = 52.991$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.02, 7.02, 7.02); Calibrated: 8/27/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 6.0$
- Electronics: DAE4 Sn1344; Calibrated: 11/25/2015
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP: 2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/GFSK_Front_Body 5mm Gap_ANT unfold High/Area Scan

(13x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.389 W/kg

Configuration/GFSK_Front_Body 5mm Gap_ANT unfold High/Zoom Scan

(7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.563 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.431 W/kg

