

Plot 1

Date/Time: 1/5/2017 2:10:26 PM

Test Laboratory: KES Co., Ltd

GFSK_Body_Ant Folded_5mm Gap_Top_Low

DUT: SEM-3057WN; Type: Tablet; Serial: N/A

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

Medium parameters used: $f = 2408$ MHz; $\sigma = 1.892$ S/m; $\epsilon_r = 52.807$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.47, 7.47, 7.47); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 6.0$
- Electronics: DAE4 Sn1460; Calibrated: 5/30/2016
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/GFSK_Body_Ant Folded_5mm Gap_Top_Low/Area Scan

(6x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0532 W/kg

Configuration/GFSK_Body_Ant Folded_5mm Gap_Top_Low/Zoom Scan

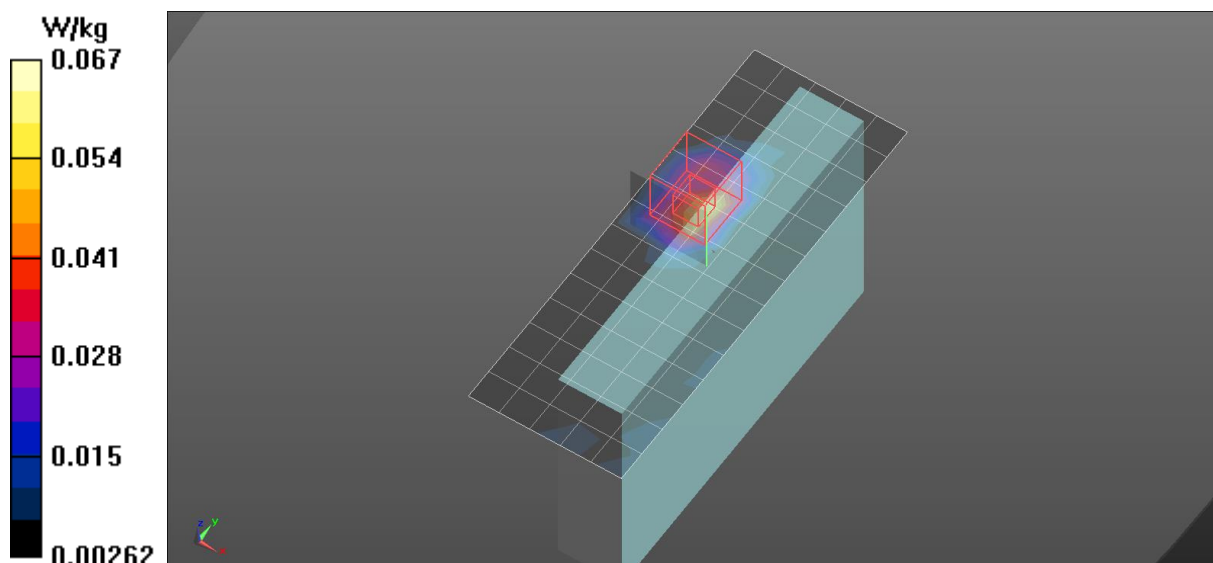
(7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.328 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.119 W/kg

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

Maximum value of SAR (measured) = 0.0666 W/kg



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Configuration/GFSK_Body_Ant Folded_5mm Gap_Front_Low/Area Scan

(11x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0135 W/kg

Configuration/GFSK_Body_Ant Folded_5mm Gap_Front_Low/Zoom Scan

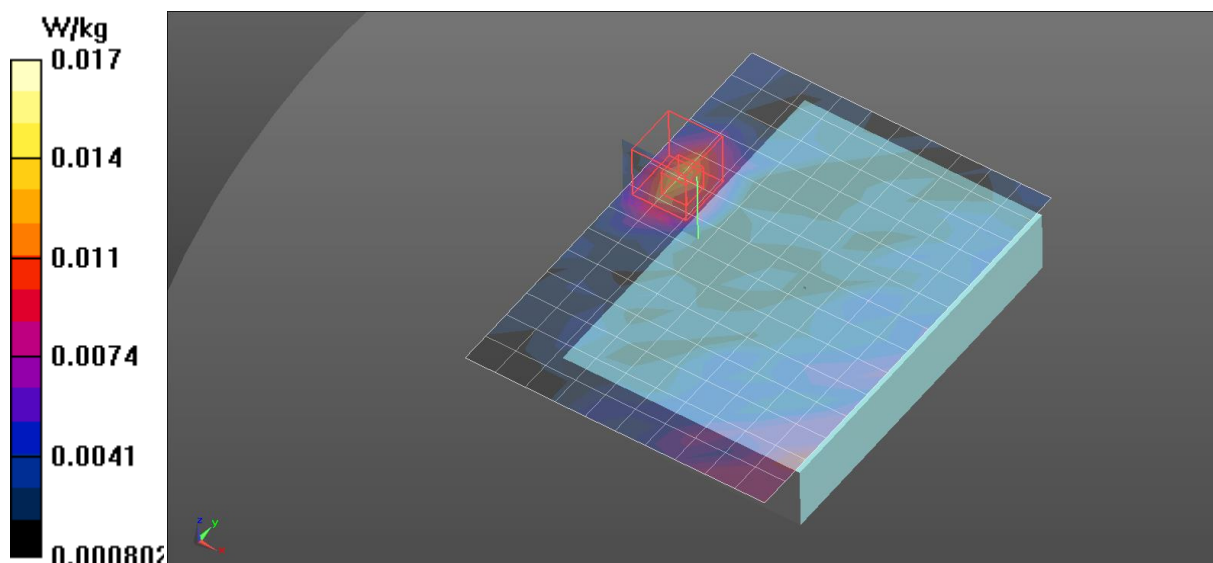
(7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.9710 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0360 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00633 W/kg

Maximum value of SAR (measured) = 0.0173 W/kg



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GFSK_Body_Ant Folded_5mm Gap_Rear_Low

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

Medium parameters used: $f = 2408$ MHz; $\sigma = 1.892$ S/m; $\epsilon_r = 52.807$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.47, 7.47, 7.47); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 6.0$
- Electronics: DAE4 Sn1460; Calibrated: 5/30/2016
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2036
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Configuration/GFSK_Body_Ant Folded_5mm Gap_Rear_Low/Area Scan

(11x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0192 W/kg

Configuration/GFSK_Body_Ant Folded_5mm Gap_Rear_Low/Zoom Scan

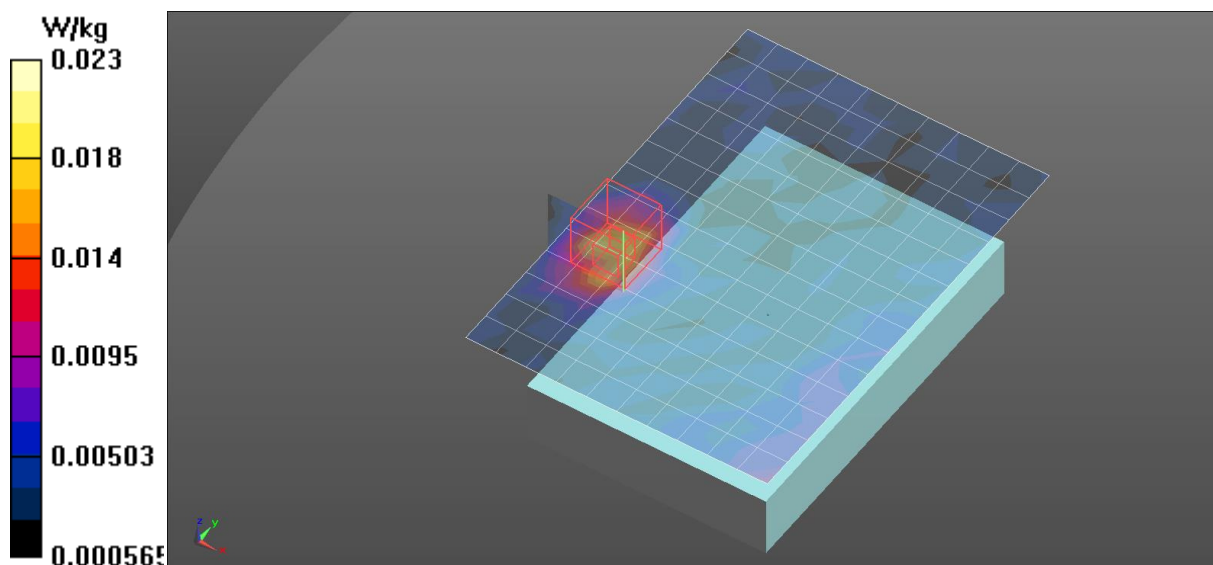
(7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.182 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0330 W/kg

SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00899 W/kg

Maximum value of SAR (measured) = 0.0229 W/kg



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GFSK_Body_Ant UnFolded_5mm Gap_Top_Low

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Medium parameters used: $f = 2408$ MHz; $\sigma = 1.892$ S/m; $\epsilon_r = 52.807$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.47, 7.47, 7.47); Calibrated: 8/31/2016;
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Configuration/GFSK_Body_Ant Unfolded_5mm Gap_Top_Low/Area Scan

(6x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0163 W/kg

Configuration/GFSK_Body_Ant Unfolded_5mm Gap_Top_Low/Zoom Scan

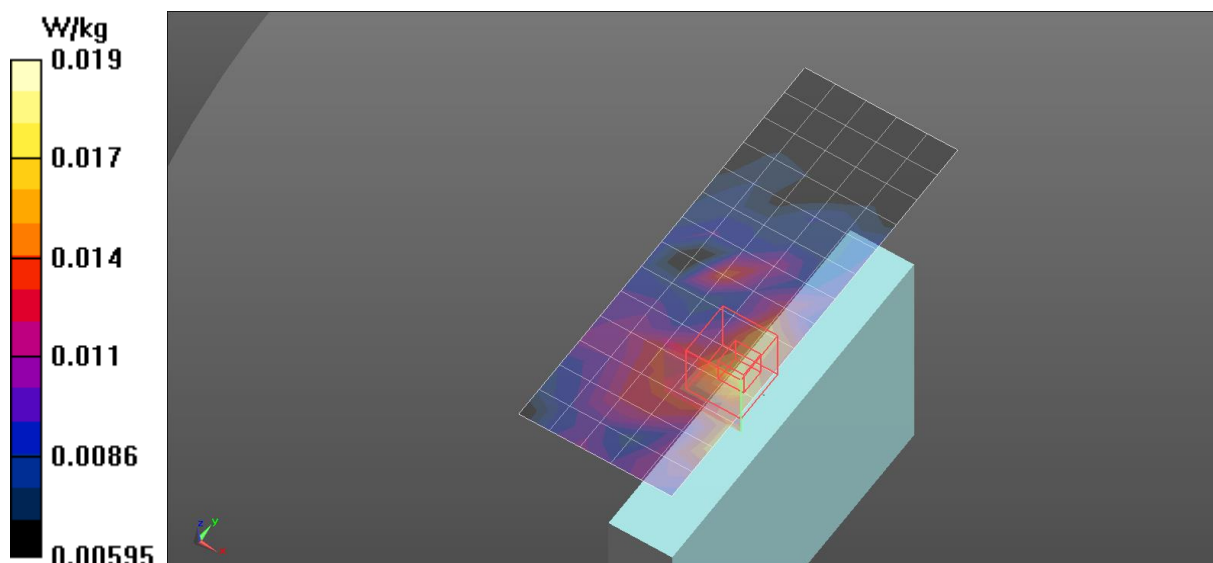
(7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.335 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.0220 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0192 W/kg



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Medium parameters used: $f = 2408$ MHz; $\sigma = 1.892$ S/m; $\epsilon_r = 52.807$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.47, 7.47, 7.47); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 6.0$
- Electronics: DAE4 Sn1460; Calibrated: 5/30/2016
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2036
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Configuration/GFSK_Body_Ant Unfolded_5mm Gap_Front_Low/Area Scan

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

Maximum value of SAR (measured) = 0.121 W/kg

Configuration/GFSK_Body_Ant Unfolded_5mm Gap_Front_Low/Zoom

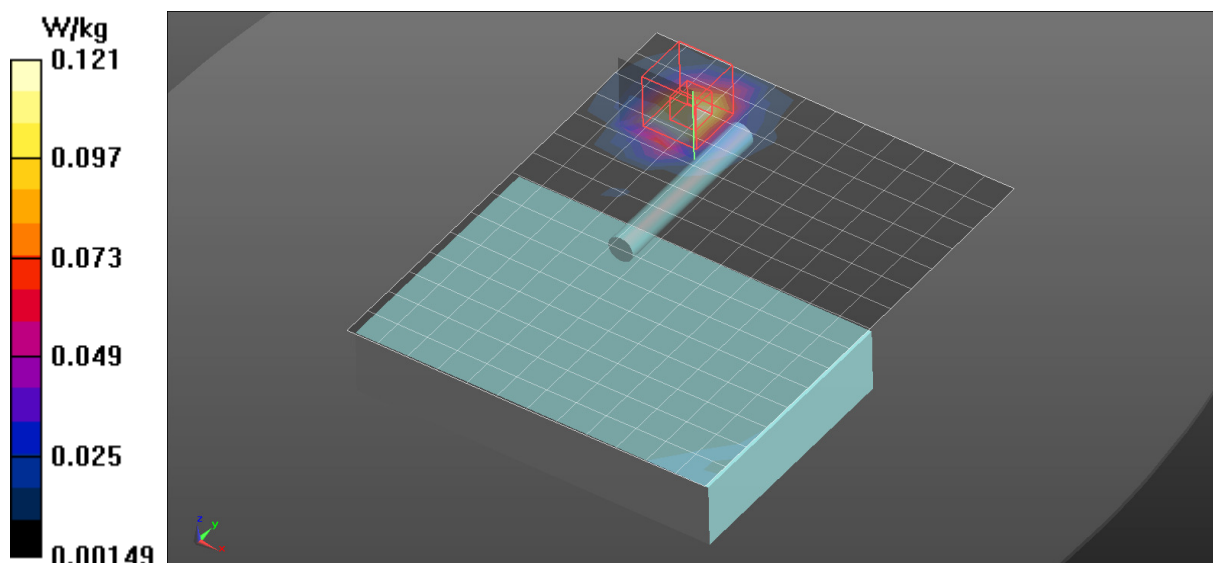
Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.218 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.157 W/kg



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GFSK_Body_Ant UnFolded_5mm Gap_Rear_Low

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

Medium parameters used: $f = 2408$ MHz; $\sigma = 1.892$ S/m; $\epsilon_r = 52.807$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

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- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 6.0$
- Electronics: DAE4 Sn1460; Calibrated: 5/30/2016
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2036
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Configuration/GFSK_Body_Ant Unfolded_5mm Gap_Rear_Low/Area Scan

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

Maximum value of SAR (measured) = 0.0427 W/kg

Configuration/GFSK_Body_Ant Unfolded_5mm Gap_Rear_Low/Zoom Scan

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

Reference Value = 1.163 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0455 W/kg

