

Test Laboratory: KES Co., Ltd

### GFSK\_Body\_Ant Folded\_5mm Gap\_Front\_Low

**DUT: SEM-3048WN; Type: Tablet; Serial: N/A**

Communication System: UID 0, SEW3048 (0); Frequency: 2409.5 MHz

Medium parameters used:  $f = 2409.5$  MHz;  $\sigma = 1.911$  S/m;  $\epsilon_r = 53.084$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7359; ConvF(7.49, 7.49, 7.49); Calibrated: 5/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 6.0$
- Electronics: DAE4 Sn1460; Calibrated: 5/24/2017
- 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\_Front\_Low/Area Scan

**(14x13x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.0736 W/kg

### Configuration/GFSK\_Body\_Ant Folded\_5mm Gap\_Front\_Low/Zoom Scan

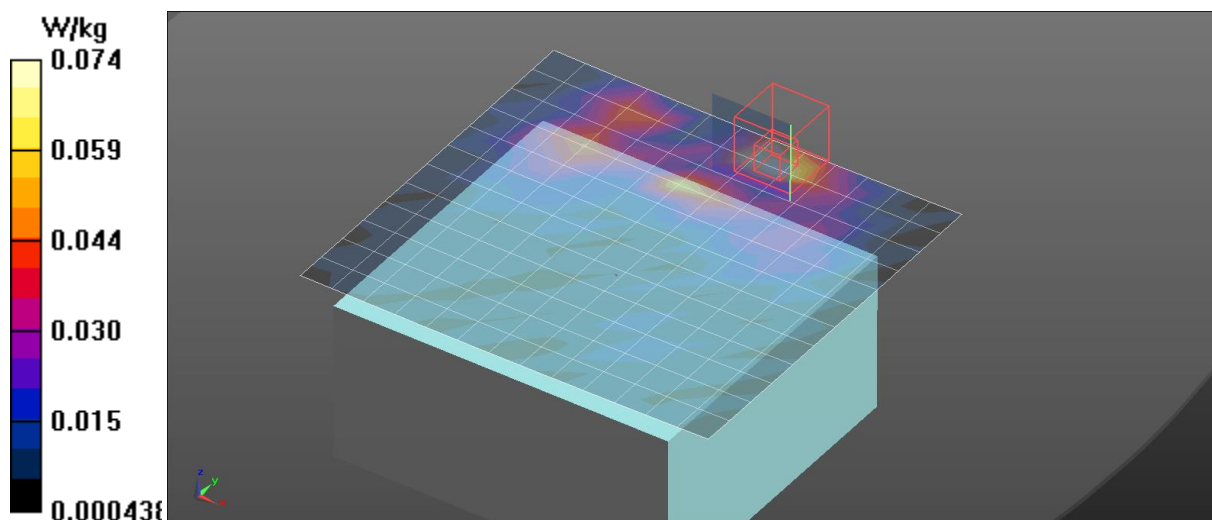
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.619 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.103 W/kg

**SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.033 W/kg**

Maximum value of SAR (measured) = 0.0773 W/kg



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### GFSK\_Body\_Ant Folded\_5mm Gap\_Rear\_Low

**DUT: SEM-3048WN; Type: Tablet; Serial: N/A**

Communication System: UID 0, SEW3048 (0); Frequency: 2409.5 MHz

Medium parameters used:  $f = 2409.5$  MHz;  $\sigma = 1.911$  S/m;  $\epsilon_r = 53.084$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7359; ConvF(7.49, 7.49, 7.49); Calibrated: 5/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 6.0$
- Electronics: DAE4 Sn1460; Calibrated: 5/24/2017
- 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\_Rear\_Low/Area Scan

**(14x13x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.125 W/kg

### Configuration/GFSK\_Body\_Ant Folded\_5mm Gap\_Rear\_Low/Zoom Scan

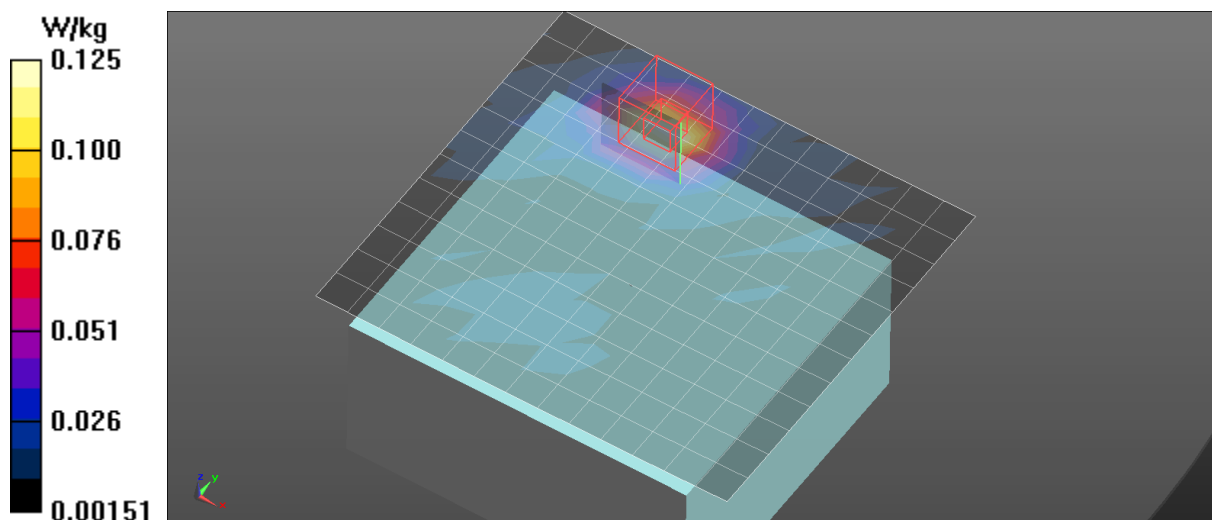
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.629 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.174 W/kg

**SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.055 W/kg**

Maximum value of SAR (measured) = 0.137 W/kg



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### GFSK\_Body\_Ant Folded\_5mm Gap\_Top\_Low

**DUT: SEM-3048WN; Type: Tablet; Serial: N/A**

Communication System: UID 0, SEW3048 (0); Frequency: 2409.5 MHz

Medium parameters used:  $f = 2409.5$  MHz;  $\sigma = 1.911$  S/m;  $\epsilon_r = 53.084$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7359; ConvF(7.49, 7.49, 7.49); Calibrated: 5/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 6.0$
- Electronics: DAE4 Sn1460; Calibrated: 5/24/2017
- 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

**(9x15x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.490 W/kg

### Configuration/GFSK\_Body\_Ant Folded\_5mm Gap\_Top\_Low/Zoom Scan

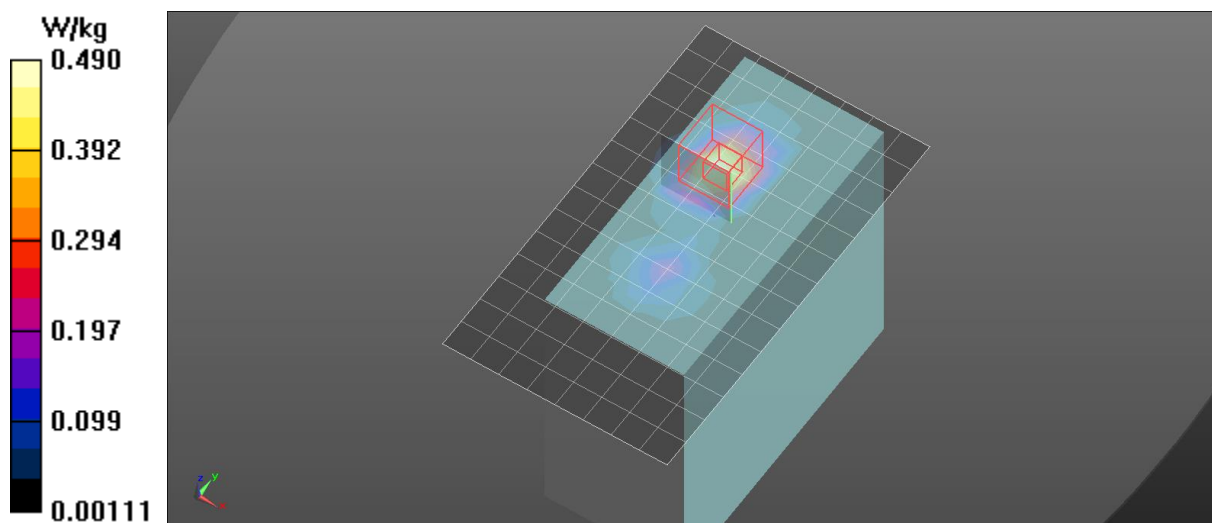
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 12.14 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.973 W/kg

**SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.198 W/kg**

Maximum value of SAR (measured) = 0.707 W/kg



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### GFSK\_Body\_Ant UnFolded\_5mm Gap\_Front\_Low

**DUT: SEM-3048WN; Type: Tablet; Serial: N/A**

Communication System: UID 0, SEW3048 (0); Frequency: 2409.5 MHz

Medium parameters used:  $f = 2409.5$  MHz;  $\sigma = 1.911$  S/m;  $\epsilon_r = 53.084$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7359; ConvF(7.49, 7.49, 7.49); Calibrated: 5/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 6.0$
- Electronics: DAE4 Sn1460; Calibrated: 5/24/2017
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

### Configuration/GFSK\_Body\_Ant UnFolded\_5mm Gap\_Front\_Low/Area Scan

**(14x18x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 1.61 W/kg

### Configuration/GFSK\_Body\_Ant UnFolded\_5mm Gap\_Front\_Low/Zoom

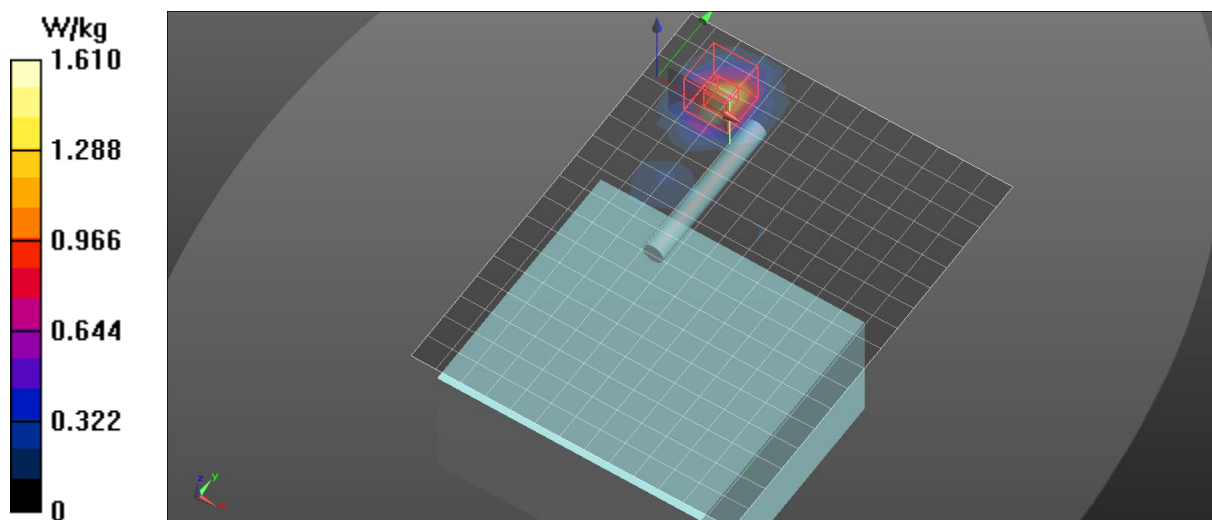
**Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.410 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.42 W/kg

**SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.558 W/kg**

Maximum value of SAR (measured) = 1.81 W/kg



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### **GFSK\_Body\_Ant UnFolded\_5mm Gap\_Front\_Low**

**DUT: SEW-3048; Type: Tablet; Serial: N/A**

Communication System: UID 0, SEW3048 (0); Frequency: 2409.5 MHz

Medium parameters used:  $f = 2409.5$  MHz;  $\sigma = 1.885$  S/m;  $\epsilon_r = 54.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7359; ConvF(7.49, 7.49, 7.49); Calibrated: 5/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 6.0$
- Electronics: DAE4 Sn1460; Calibrated: 5/24/2017
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

### **Configuration/GFSK\_Body\_Ant UnFolded\_5mm Gap\_Front\_Low/Area Scan**

**(14x18x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 1.61 W/kg

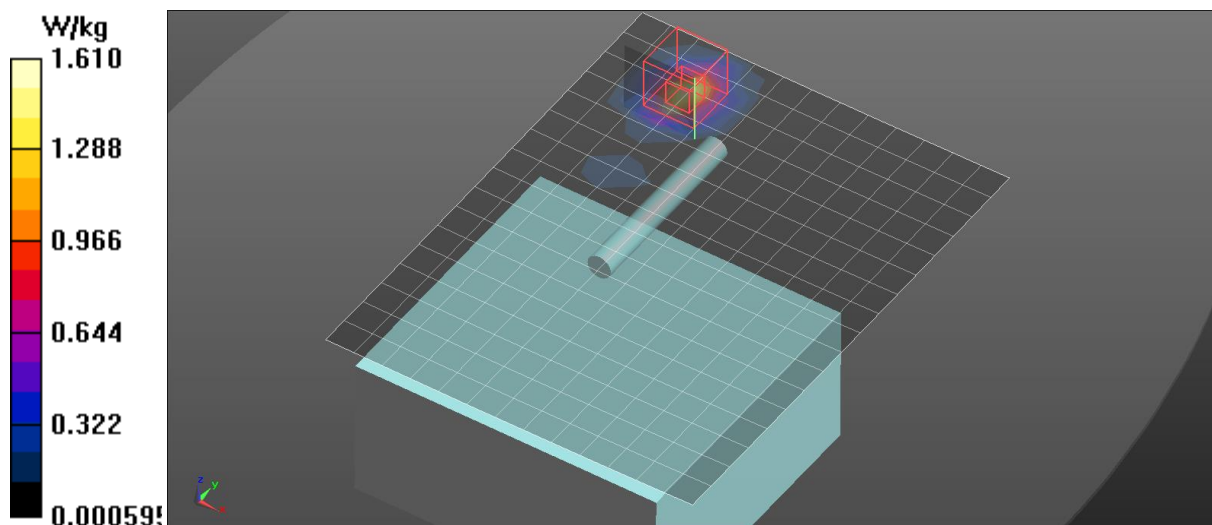
### **Configuration/GFSK\_Body\_Ant UnFolded\_5mm Gap\_Front\_Low/Zoom**

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

Reference Value = 2.487 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.21 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.490 W/kg**



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### GFSK\_Body\_Ant UnFolded\_5mm Gap\_Rear\_Low

**DUT: SEM-3048WN; Type: Tablet; Serial: N/A**

Communication System: UID 0, SEW3048 (0); Frequency: 2409.5 MHz

Medium parameters used:  $f = 2409.5$  MHz;  $\sigma = 1.911$  S/m;  $\epsilon_r = 53.084$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7359; ConvF(7.49, 7.49, 7.49); Calibrated: 5/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 6.0$
- Electronics: DAE4 Sn1460; Calibrated: 5/24/2017
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

### Configuration/GFSK\_Body\_Ant UnFolded\_5mm Gap\_Rear\_Low/Area Scan

**(14x18x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.199 W/kg

### Configuration/GFSK\_Body\_Ant UnFolded\_5mm Gap\_Rear\_Low/Zoom

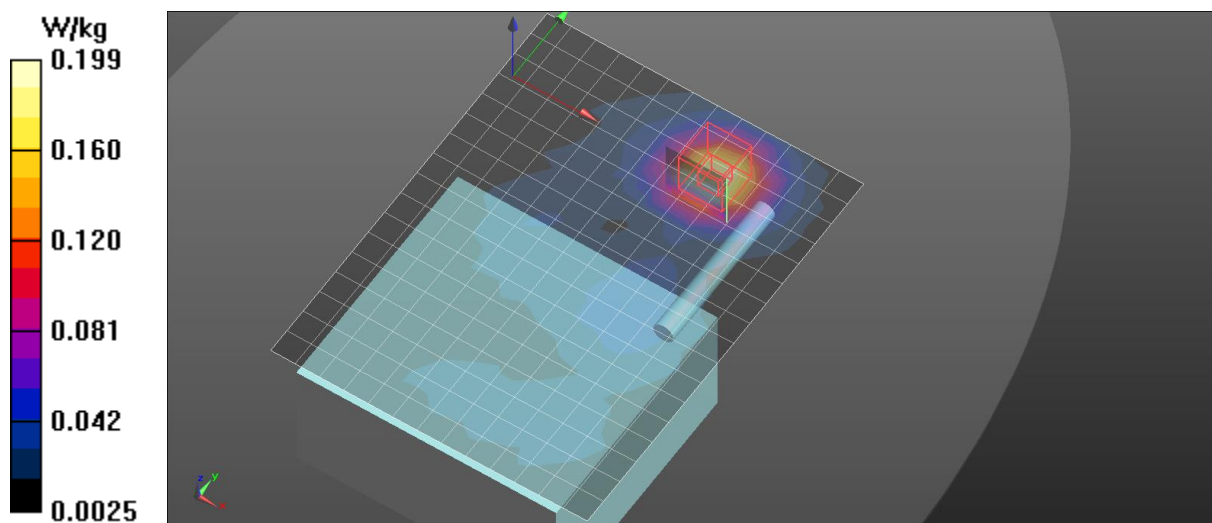
**Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.047 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.283 W/kg

**SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.089 W/kg**

Maximum value of SAR (measured) = 0.220 W/kg



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### GFSK\_Body\_Ant UnFolded\_5mm Gap\_Top\_Low

**DUT: SEM-3048WN; Type: Tablet; Serial: N/A**

Communication System: UID 0, SEW3048 (0); Frequency: 2409.5 MHz

Medium parameters used:  $f = 2409.5$  MHz;  $\sigma = 1.911$  S/m;  $\epsilon_r = 53.084$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7359; ConvF(7.49, 7.49, 7.49); Calibrated: 5/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 6.0$
- Electronics: DAE4 Sn1460; Calibrated: 5/24/2017
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

### Configuration/GFSK\_Body\_Ant UnFolded\_5mm Gap\_Top\_Low/Area Scan

**(9x15x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.0484 W/kg

### Configuration/GFSK\_Body\_Ant UnFolded\_5mm Gap\_Top\_Low/Zoom Scan

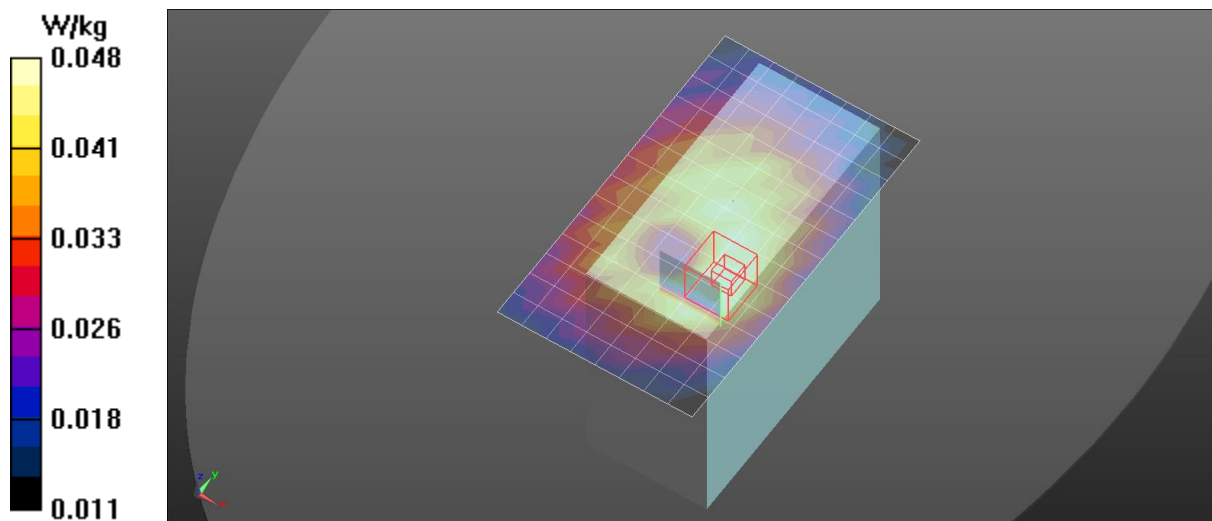
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.754 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0630 W/kg

**SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.026 W/kg**

Maximum value of SAR (measured) = 0.0510 W/kg





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### **GFSK\_Body\_Ant UnFolded\_5mm Gap\_Front\_Mid**

**DUT: SEM-3048WN; Type: Tablet; Serial: N/A**

Communication System: UID 0, SEW3048 (0); Frequency: 2441 MHz

Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.949$  S/m;  $\epsilon_r = 52.951$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7359; ConvF(7.49, 7.49, 7.49); Calibrated: 5/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 6.0$
- Electronics: DAE4 Sn1460; Calibrated: 5/24/2017
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

### **Configuration/GFSK\_Body\_Ant UnFolded\_5mm Gap\_Front\_Mid/Area Scan**

**(14x18x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

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

### **Configuration/GFSK\_Body\_Ant UnFolded\_5mm Gap\_Front\_Mid/Zoom**

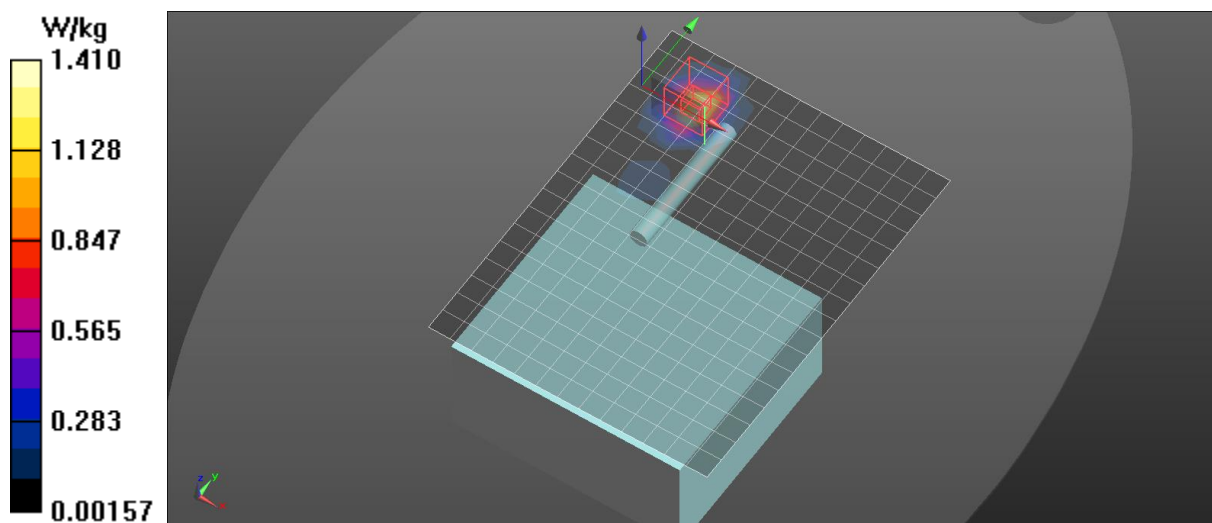
**Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.869 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 2.25 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.493 W/kg**

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





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### **GFSK\_Body\_Ant UnFolded\_5mm Gap\_Front\_High**

**DUT: SEM-3048WN; Type: Tablet; Serial: N/A**

Communication System: UID 0, SEW3048 (0); Frequency: 2476 MHz

Medium parameters used:  $f = 2476$  MHz;  $\sigma = 2.003$  S/m;  $\epsilon_r = 52.86$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7359; ConvF(7.49, 7.49, 7.49); Calibrated: 5/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 6.0$
- Electronics: DAE4 Sn1460; Calibrated: 5/24/2017
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2036
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

### **Configuration/GFSK\_Body\_Ant UnFolded\_5mm Gap\_Front\_High/Area**

**Scan (14x18x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 1.14 W/kg

### **Configuration/GFSK\_Body\_Ant UnFolded\_5mm Gap\_Front\_High/Zoom**

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

Reference Value = 1.177 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 0.816 W/kg; SAR(10 g) = 0.372 W/kg**

Maximum value of SAR (measured) = 1.25 W/kg

