

## body front\_bt\_ch78

### DUT: TKX05

Communication System: BT; Frequency: 2480 MHz;Duty Cycle: 1:1

Medium: H2450 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.812$  S/m;  $\epsilon_r = 40.144$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(8.06, 8.06, 8.06); Calibrated: 2021/3/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2021/3/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (71x141x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.101 W/kg

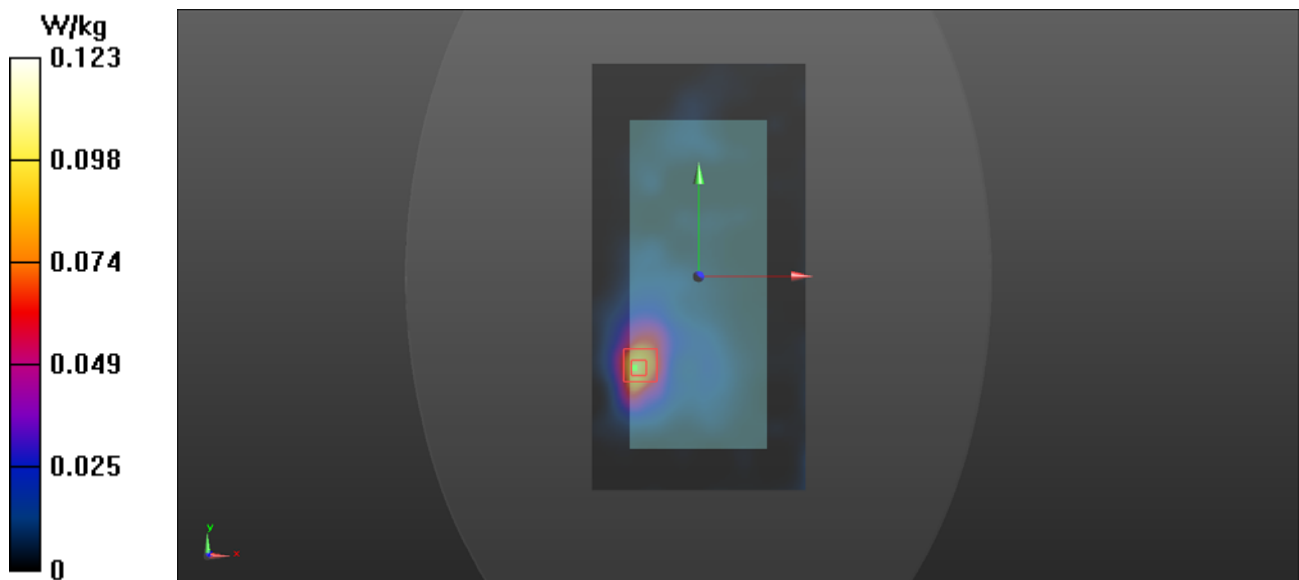
**Body Back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.303 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.048 W/kg**

Maximum value of SAR (measured) = 0.123 W/kg



## body front\_ch1

### DUT: TKX05

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.724$  S/m;  $\epsilon_r = 40.349$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(8.06, 8.06, 8.06); Calibrated: 2021/3/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2021/3/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (71x141x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.656 W/kg

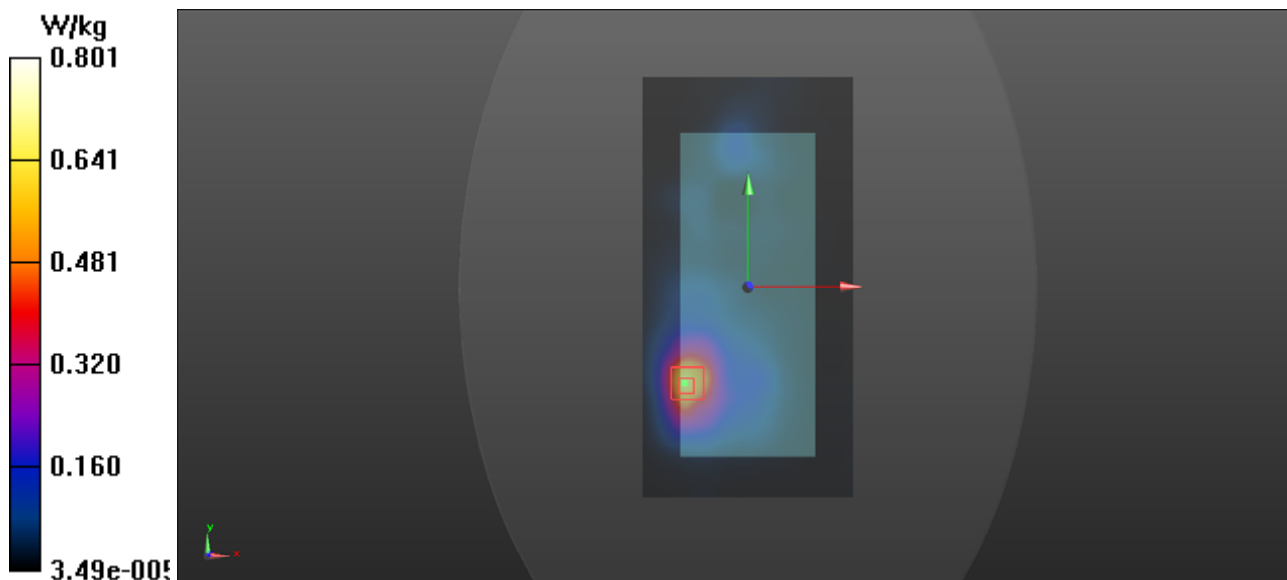
**Body Back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.751 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.327 W/kg**

Maximum value of SAR (measured) = 0.801 W/kg



### body front\_ch40

#### DUT: TKX05

Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1

Medium: H5G Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.752$  S/m;  $\epsilon_r = 36.999$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(5.85, 5.85, 5.85); Calibrated: 2021/3/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2021/3/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (71x141x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.613 W/kg

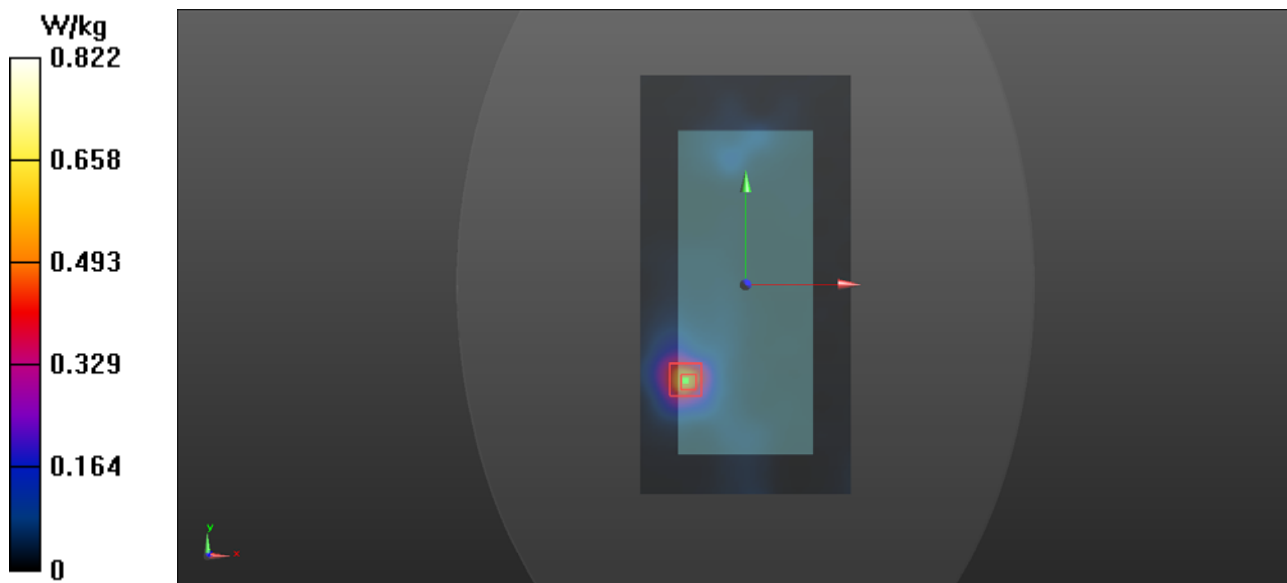
**Body Back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.637 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 5.88 W/kg

**SAR(1 g) = 0.964 W/kg; SAR(10 g) = 0.309 W/kg**

Maximum value of SAR (measured) = 0.822 W/kg



### body front\_ch157

#### DUT: TKX05

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used:  $f = 5785$  MHz;  $\sigma = 4.752$  S/m;  $\epsilon_r = 36.999$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(5.2, 5.2, 5.2); Calibrated: 2021/3/30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2021/3/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Body Back/Area Scan (71x141x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.433 W/kg

**Body Back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.191 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.187 W/kg**

Maximum value of SAR (measured) = 0.649 W/kg

