

802.11b_rear_ch1

DUT: Smart 7

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

Medium: H2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.844$ S/m; $\epsilon_r = 38.04$; $\rho = 1000$ kg/m³

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)

rear/Area Scan (81x121x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.875 W/kg

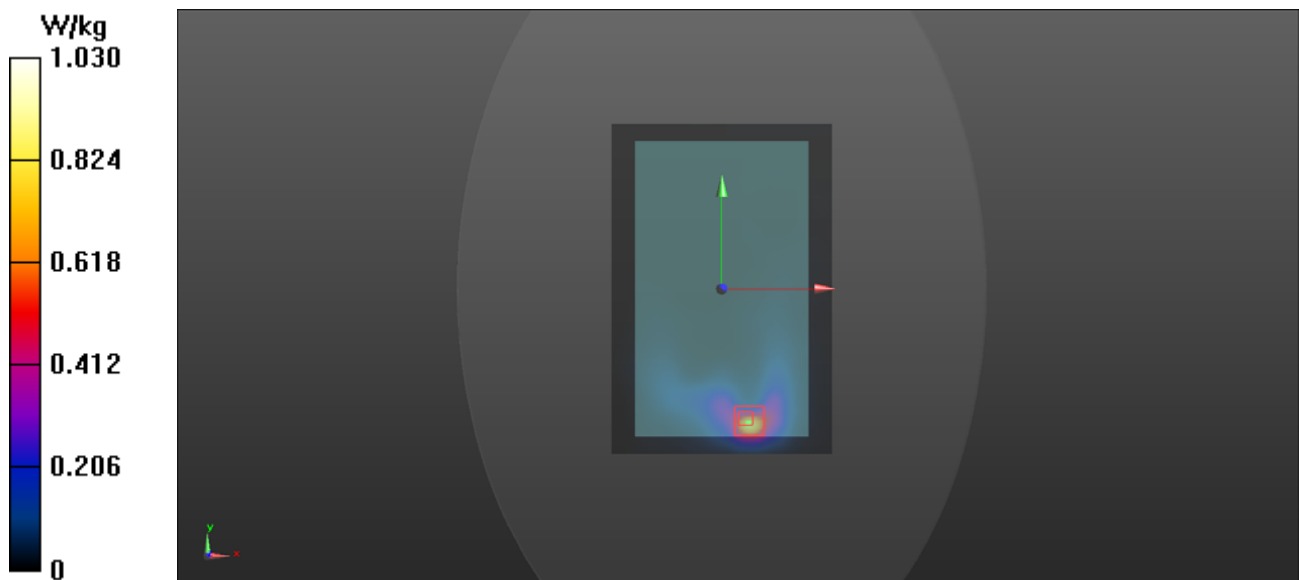
rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.090 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.39 W/kg

SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.365 W/kg

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



802.11a_rear_ch48

DUT: Smart 7

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used: $f = 5240$ MHz; $\sigma = 4.803$ S/m; $\epsilon_r = 36.316$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °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)

rear/Area Scan (81x121x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.284 W/kg

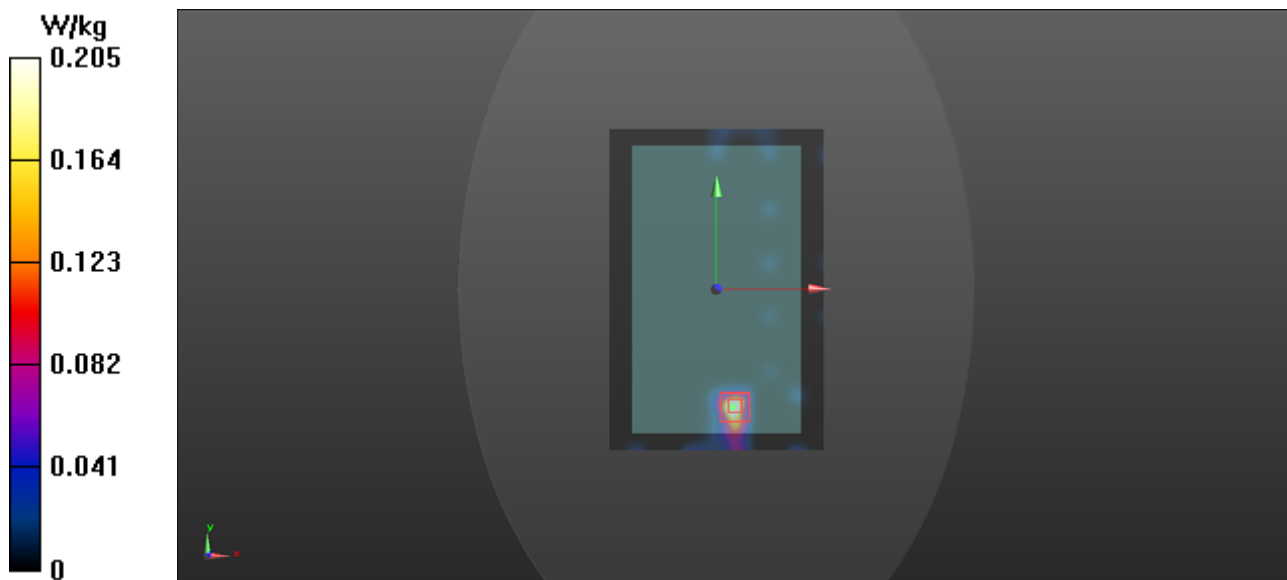
rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.056 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.061 W/kg

Maximum value of SAR (measured) = 0.205 W/kg



802.11a_rear_ch100

DUT: Smart 7

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used: $f = 5500$ MHz; $\sigma = 5.141$ S/m; $\epsilon_r = 35.813$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(5.17, 5.17, 5.17); 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)

rear/Area Scan (81x121x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.538 W/kg

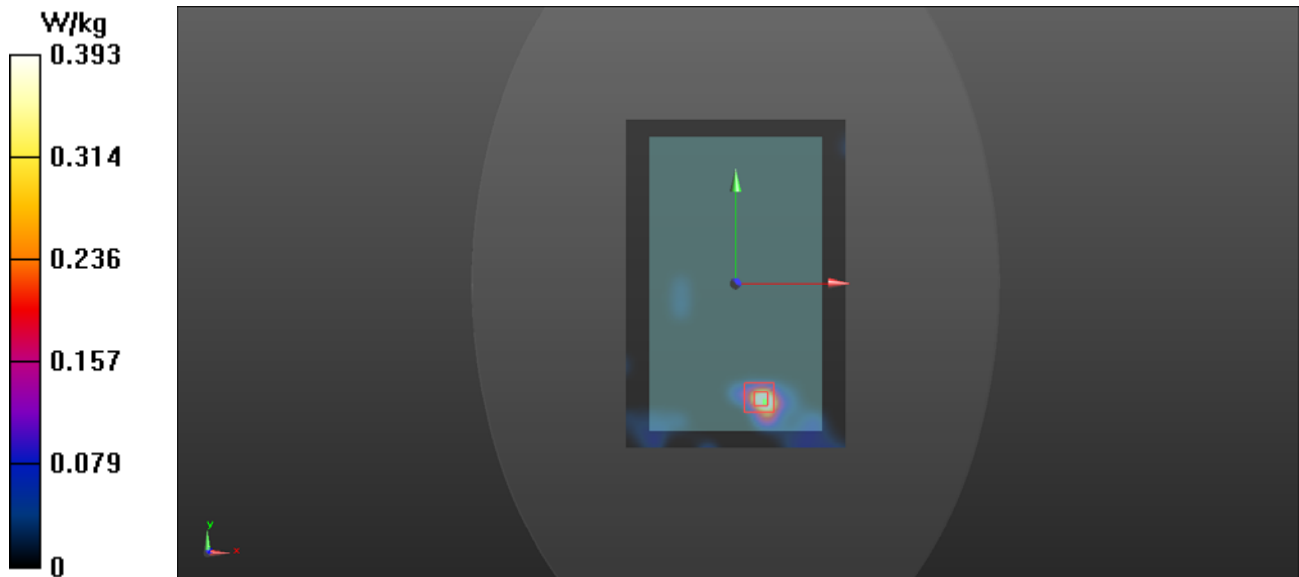
rear/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.881 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.994 W/kg

SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 0.393 W/kg



802.11a_rear_ch149

DUT: Smart 7

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used: $f = 5745$ MHz; $\sigma = 5.308$ S/m; $\epsilon_r = 35.56$; $\rho = 1000$ kg/m³

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

rear/Area Scan (81x121x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.371 W/kg

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

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

Peak SAR (extrapolated) = 0.880 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.263 W/kg

