

Test Laboratory: Compliance Certification Services Inc.

802.11b - Body Front TNJ31

DUT: TNJ 31; Type: PDA; Serial: n/a

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.18, 6.18, 6.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/2/17
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DAS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Front High CH11/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.069 mW/g

Front High CH11/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.479 V/m; Power Drift = -0.081 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.133 mW/g

Front High CH11/Zoom Scan (7x7x9)/Cube 1:

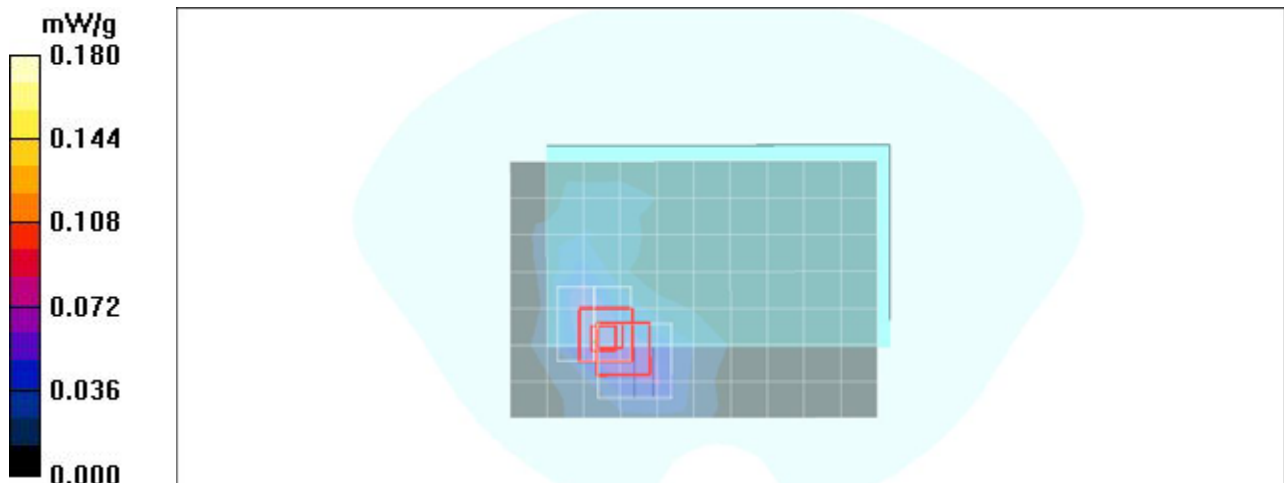
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.479 V/m; Power Drift = -0.081 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.082 mW/g



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Medium parameters used: $f = 2462$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.18, 6.18, 6.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2011/3/18
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DAS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Back High CH11/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.324 mW/g

Back High CH11/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 7.70 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.559 W/kg

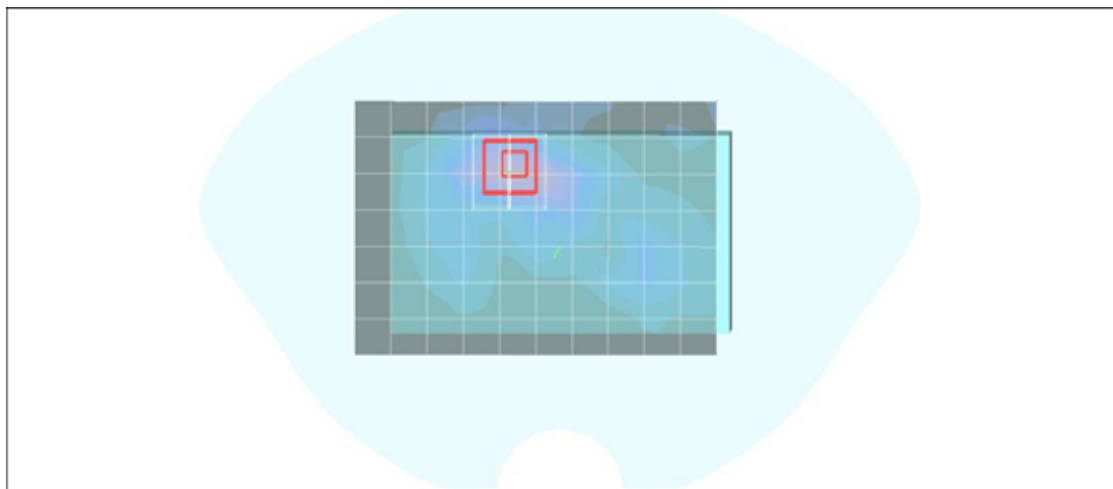
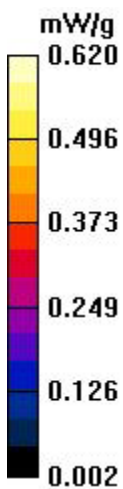
SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.369 mW/g

Back High CH11/Z Scan (1x1x21):

Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.069 mW/g



SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0

