

Test Laboratory: UL CCS

Nearby person

DUT: Fujitsu-Australia; Type: NA; Serial: NA

Communication System: GSM1900 GPRS GMSK (2 slot); Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.496$ mho/m; $\epsilon_r = 52.423$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

UMTS band II/M-ch_Ant retracted/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.031 mW/g

UMTS band II/M-ch_Ant retracted/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 4.538 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.045 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.032 mW/g

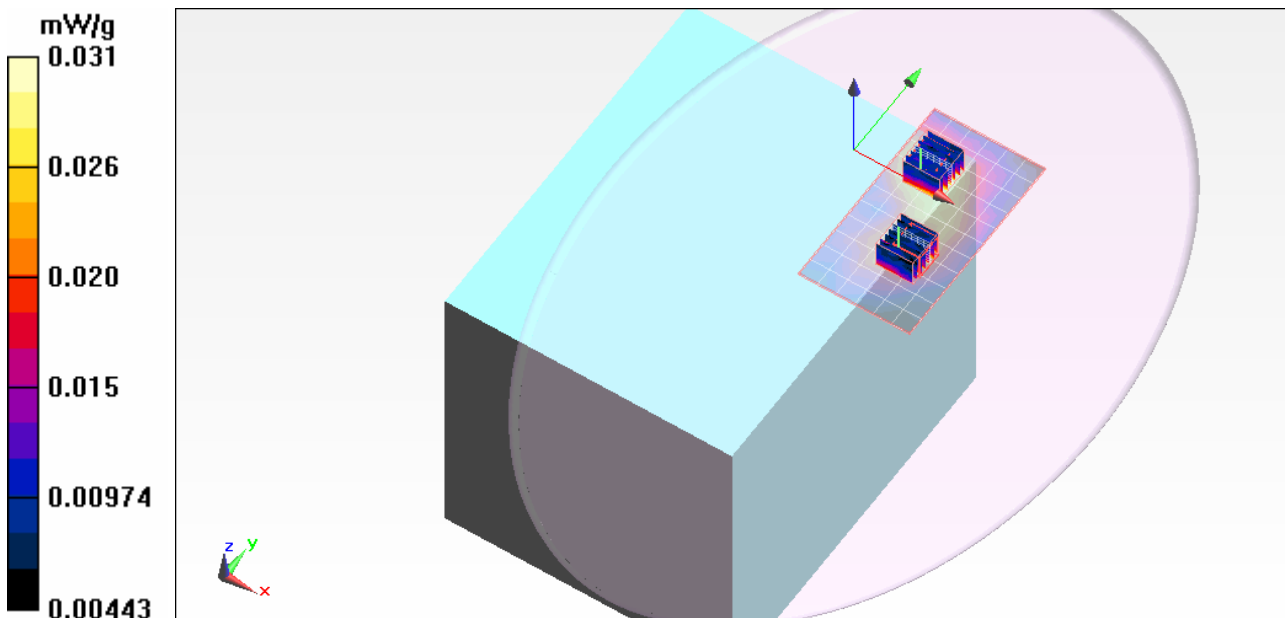
UMTS band II/M-ch_Ant retracted/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 4.538 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.039 W/kg

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.030 mW/g



Test Laboratory: UL CCS

Nearby person

DUT: Fujitsu-Australia; Type: NA; Serial: NA

Communication System: GSM1900 GPRS GMSK (2 slot); Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.496$ mho/m; $\epsilon_r = 52.423$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

UMTS band II/M-ch_Ant extracted/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.435 mW/g

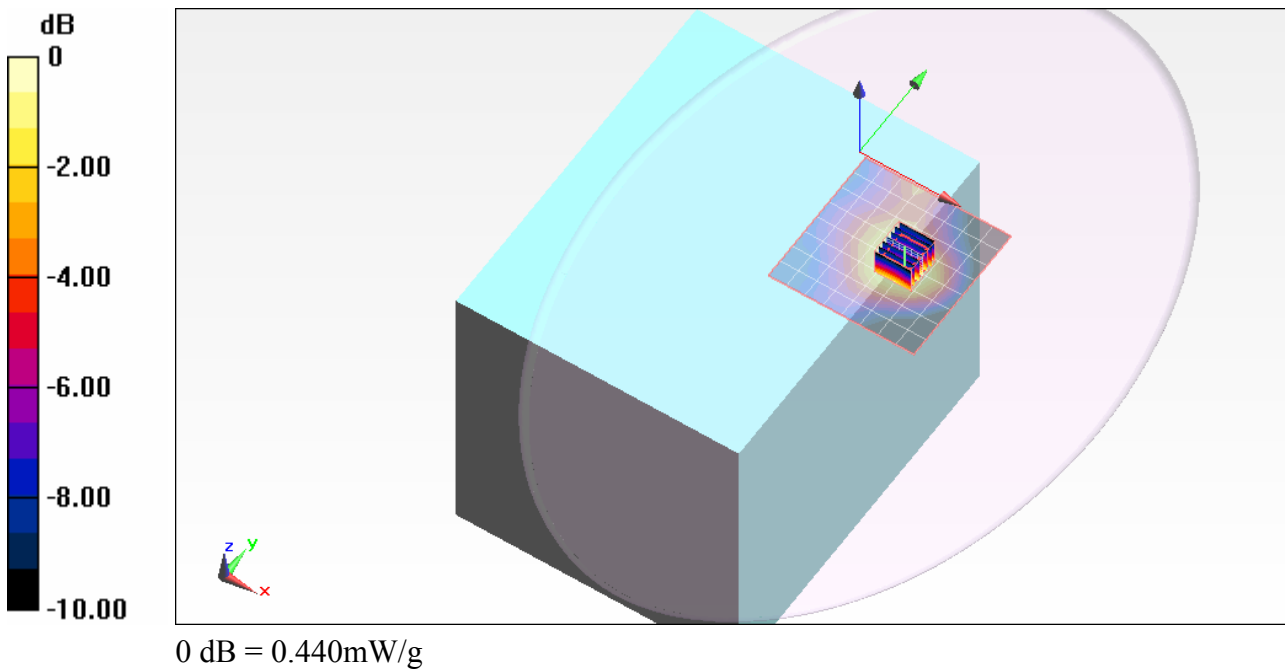
UMTS band II/M-ch_Ant extracted/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 17.141 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.567 W/kg

SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.220 mW/g

Maximum value of SAR (measured) = 0.444 mW/g



Test Laboratory: UL CCS

Bottom face

DUT: Fujitsu-Australia; Type: NA; Serial: NA

Communication System: UMTS FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:2.18776

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.496$ mho/m; $\epsilon_r = 52.423$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

UMTS band II/M-ch_Ant retracted/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.030 mW/g

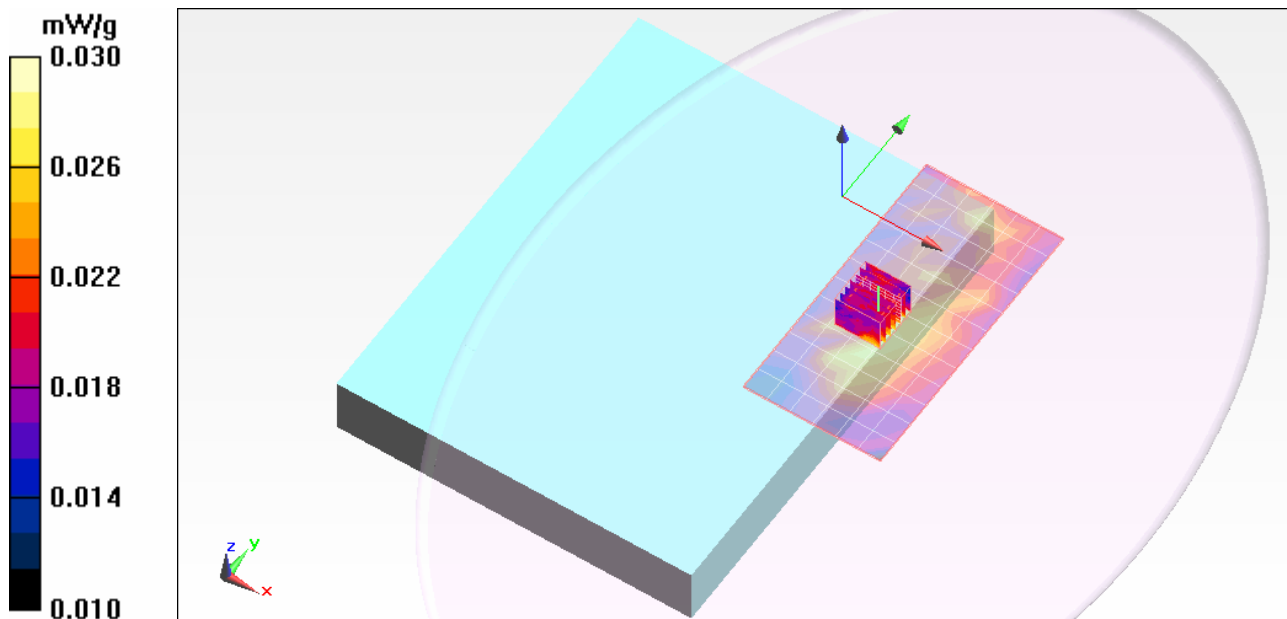
UMTS band II/M-ch_Ant retracted/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 4.316 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.045 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.032 mW/g



Test Laboratory: UL CCS

Bottom face

DUT: Fujitsu-Australia; Type: NA; Serial: NA

Communication System: UMTS FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:2.18776

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.496$ mho/m; $\epsilon_r = 52.423$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

UMTS band II/M-ch_Ant extracted/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.313 mW/g

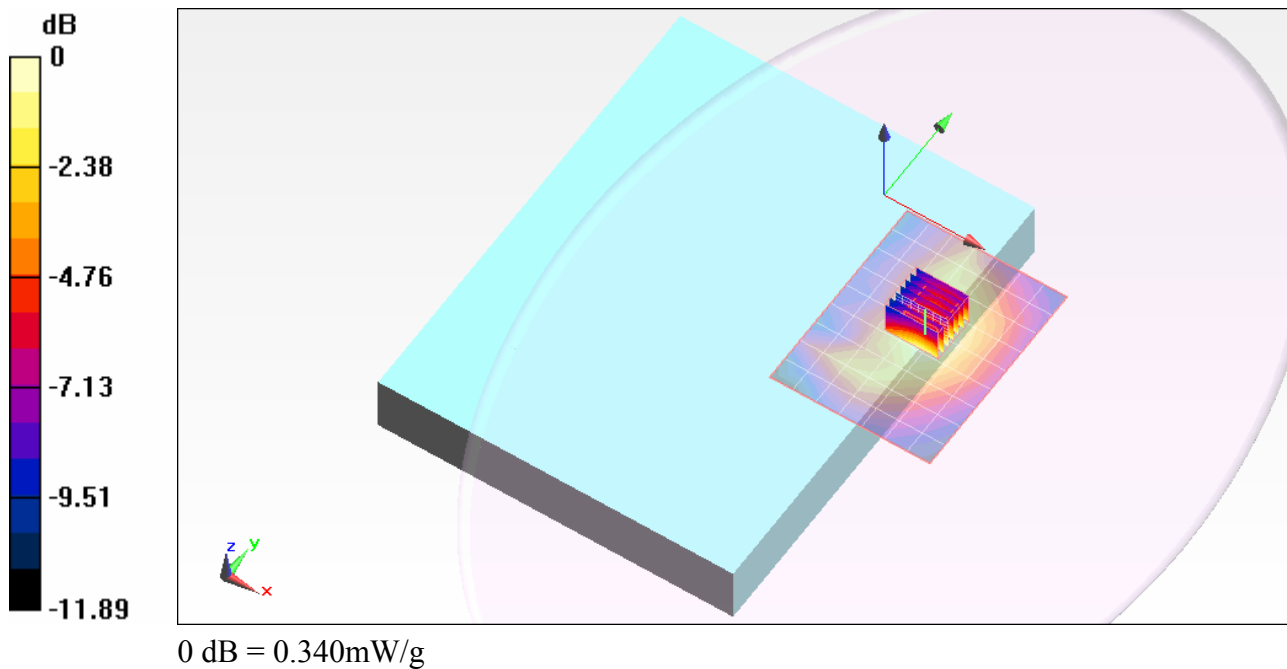
UMTS band II/M-ch_Ant extracted/Zoom Scan (8x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 14.651 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.187 mW/g

Maximum value of SAR (measured) = 0.345 mW/g



Test Laboratory: UL CCS

Secondary Landscape

DUT: Fujitsu-Australia; Type: NA; Serial: NA

Communication System: UMTS FDD (WCDMA); Frequency: 1852.4 MHz; Duty Cycle: 1:2.18776
 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.464$ mho/m; $\epsilon_r = 52.521$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

UMTS band II/L-ch_Ant retracted/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.661 mW/g

UMTS band II/L-ch_Ant retracted/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

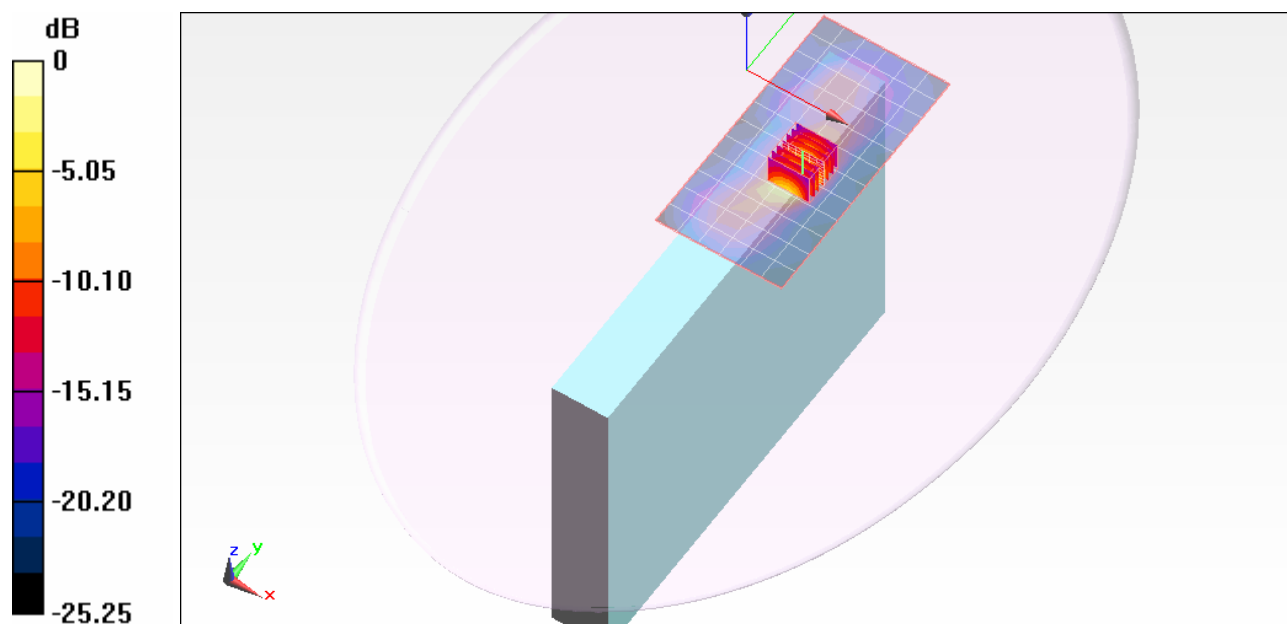
Reference Value = 21.753 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.944 W/kg

SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.366 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.286 mW/g



0 dB = 1.290mW/g

Test Laboratory: UL CCS

Secondary Landscape

DUT: Fujitsu-Australia; Type: NA; Serial: NA

Communication System: UMTS FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:2.18776

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.496$ mho/m; $\epsilon_r = 52.423$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

UMTS band II/M-ch_Ant retracted/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.005 mW/g

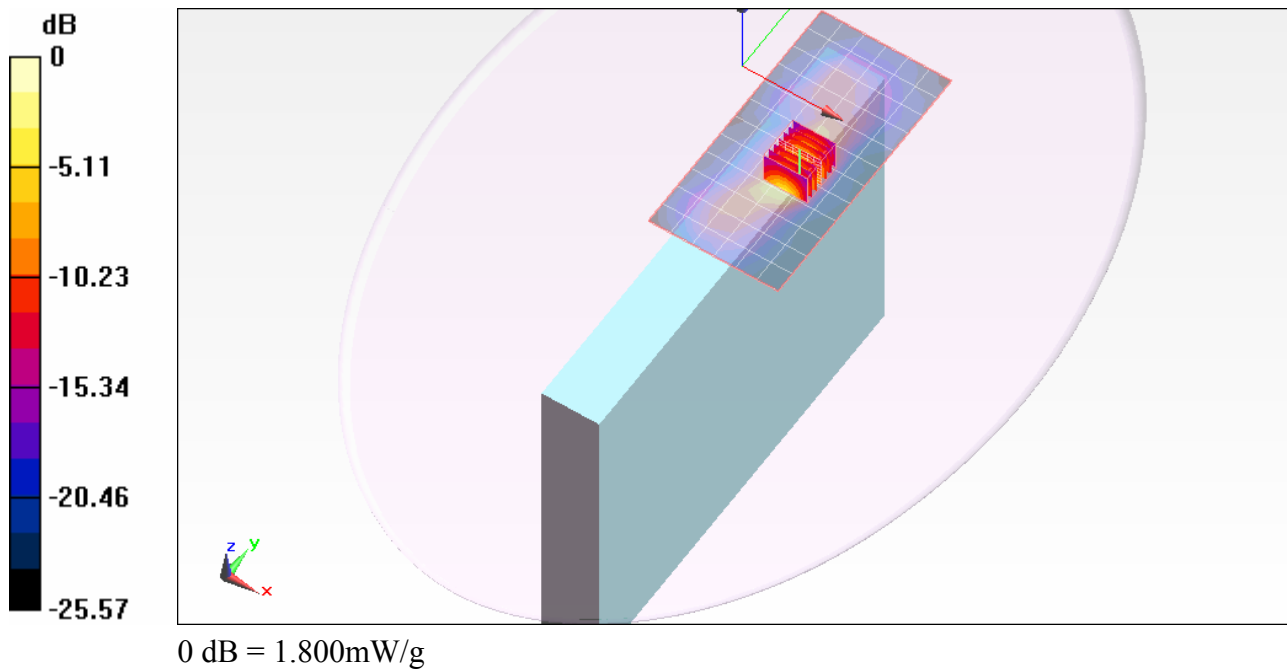
UMTS band II/M-ch_Ant retracted/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 25.986 V/m; Power Drift = 0.241 dB

Peak SAR (extrapolated) = 2.740 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.538 mW/g

Maximum value of SAR (measured) = 1.796 mW/g



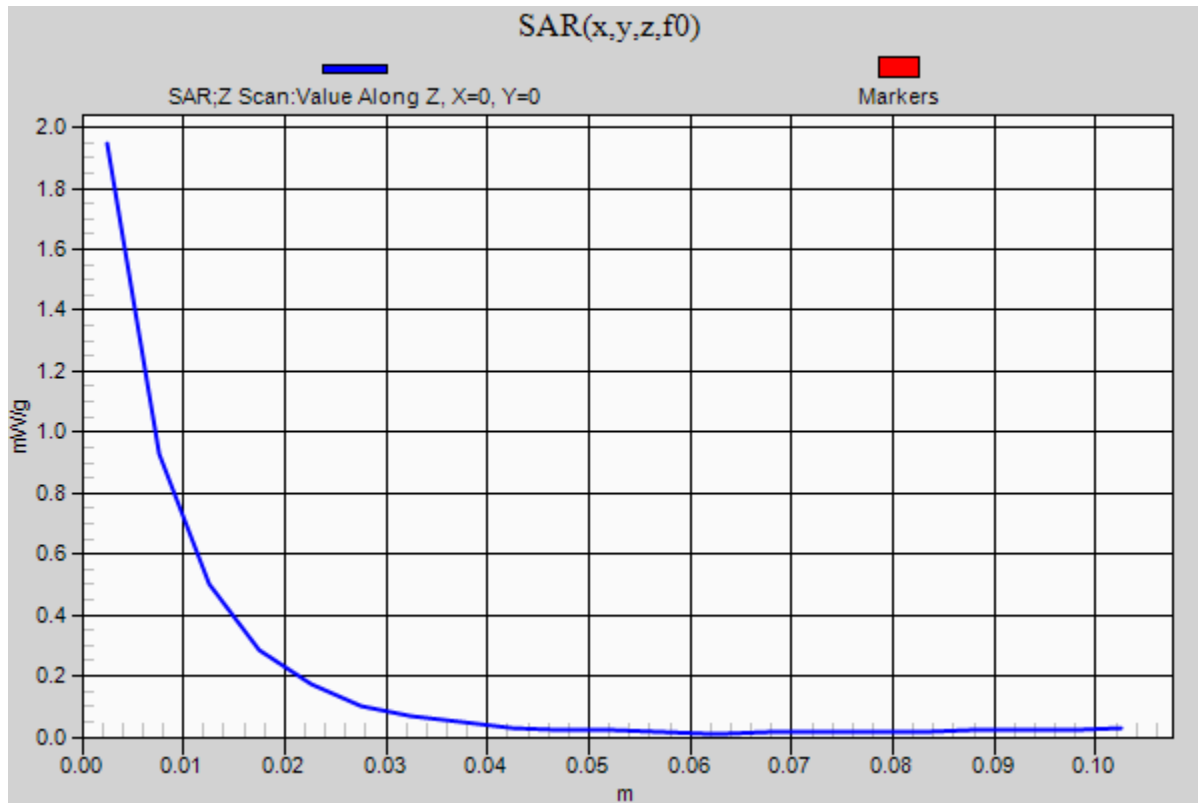
Test Laboratory: UL CCS

Secondary Landscape

DUT: Fujitsu-Australia; Type: NA; Serial: NA

Communication System: UMTS FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:2.18776

UMTS band II/M-ch_Ant retracted/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.946 mW/g



Test Laboratory: UL CCS

Secondary Landscape

DUT: Fujitsu-Australia; Type: NA; Serial: NA

Communication System: UMTS FDD (WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:2.18776
Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 52.326$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

UMTS band II/H-ch_Ant retracted/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.616 mW/g

UMTS band II/H-ch_Ant retracted/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

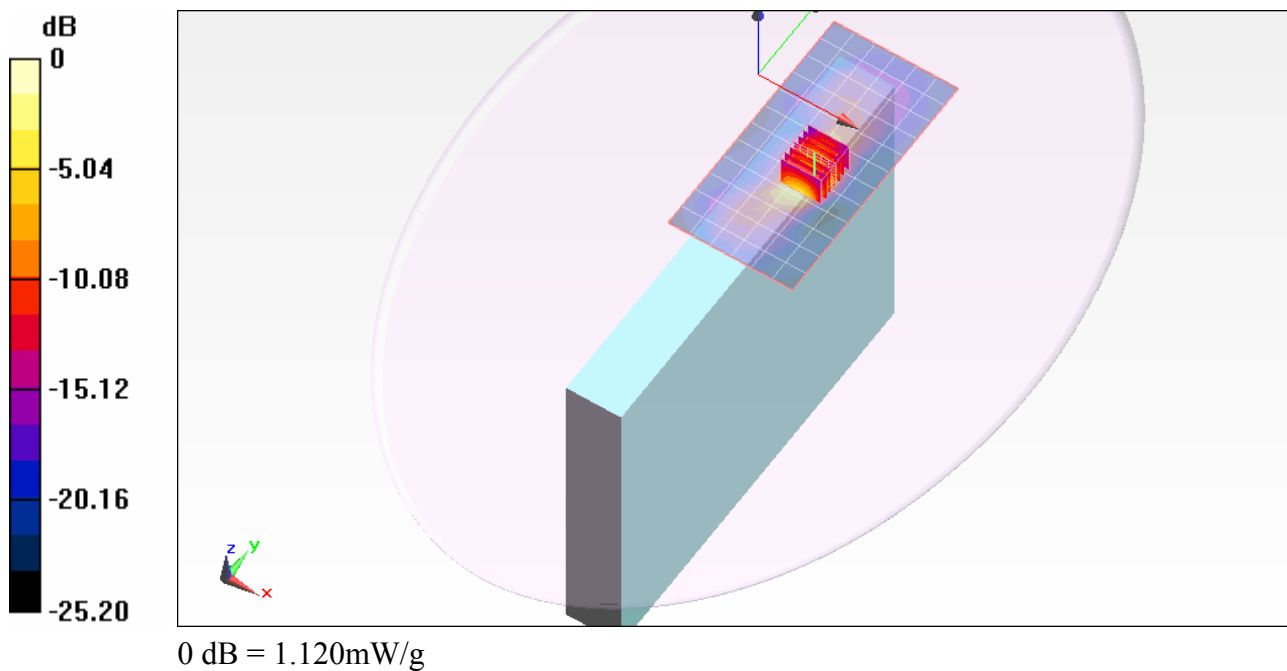
Reference Value = 20.093 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.730 W/kg

SAR(1 g) = 0.751 mW/g; SAR(10 g) = 0.329 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.124 mW/g



Test Laboratory: UL CCS

Secondary Portrait

DUT: Fujitsu-Australia; Type: NA; Serial: NA

Communication System: UMTS FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:2.18776

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.483$ mho/m; $\epsilon_r = 52.68$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

UMTS band II/M-ch_Ant retracted/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.121 mW/g

UMTS band II/M-ch_Ant retracted/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 9.036 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.143 mW/g

