

Appendix B:SAR Measurement results Plots

Table of contents
UMTS Band II- Body
UMTS Band IV- Body
UMTS Band V- Body
LTE Band 2- Body
LTE Band 4- Body
LTE Band 5- Body
LTE Band 7- Body
LTE Band 12- Body
LTE Band 13- Body
LTE Band 17- Body
LTE Band 25- Body
LTE Band 26- Body
LTE Band 41- Body
LTE Band 66- Body
WIFI 2.4G- Body

Test Laboratory: CTI SAR Lab

UMTS Band II 9262CH Front Side 10mm

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Communication System Band: Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.356$ S/m; $\epsilon_r = 38.447$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.18, 8.18, 8.18); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

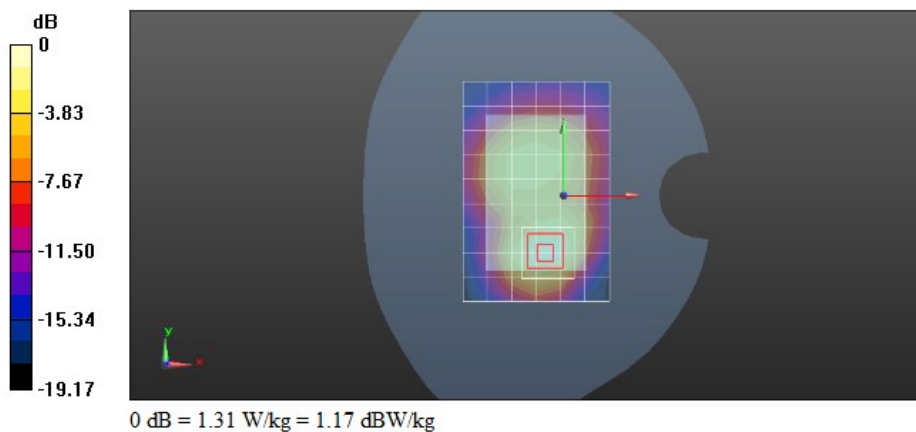
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.78 V/m; Power Drift = -0.81 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.496 W/kg

Maximum value of SAR (measured) = 1.31 W/kg



Test Laboratory: CTI SAR Lab

UMTS Band II 9262CH Front Side 10mm-Repeated

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Communication System Band: Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.356$ S/m; $\epsilon_r = 38.447$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.18, 8.18, 8.18); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.31 W/kg

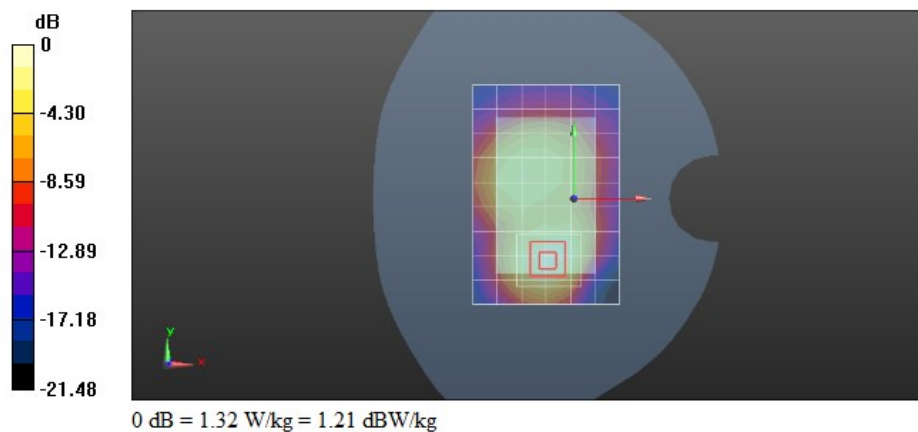
Configuration/Head/Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.54 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.937 W/kg; SAR(10 g) = 0.519 W/kg

Maximum value of SAR (measured) = 1.32 W/kg



Test Laboratory: CTI SAR Lab

UMTS Band IV 1513CH Front Side 10mm

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Communication System Band: Band IV; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.344$ S/m; $\epsilon_r = 40.88$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.49, 8.49, 8.49); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.65 W/kg

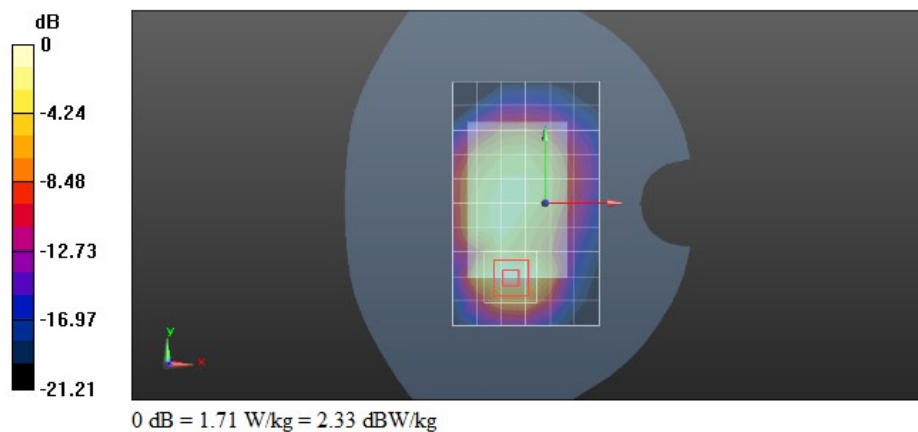
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 29.40 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.644 W/kg

Maximum value of SAR (measured) = 1.71 W/kg



Test Laboratory: CTI SAR Lab

UMTS Band IV 1513CH Front Side 10mm-Repeated

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Communication System Band: Band IV; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.344$ S/m; $\epsilon_r = 40.88$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.49, 8.49, 8.49); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.40 W/kg

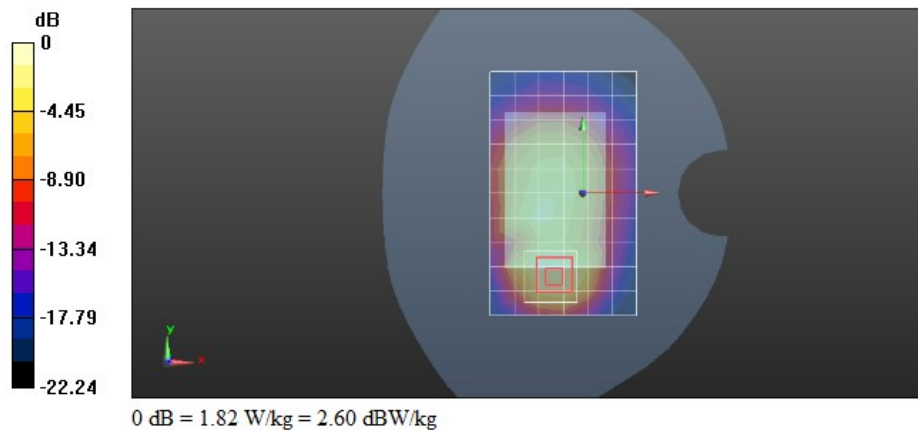
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.34 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.686 W/kg

Maximum value of SAR (measured) = 1.82 W/kg



Test Laboratory: CTI SAR Lab

UMTS Band V 4182CH Front Side 10mm

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Communication System Band: Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 42.911$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(9.98, 9.98, 9.98); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.06 W/kg

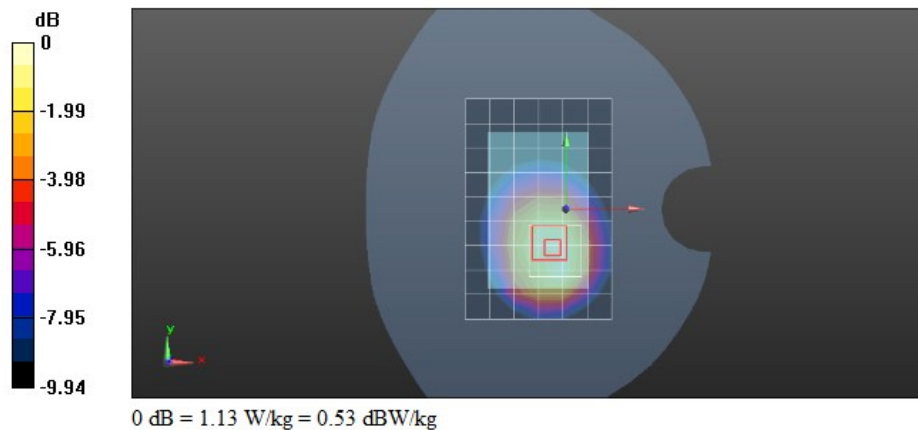
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 28.01 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.882 W/kg; SAR(10 g) = 0.639 W/kg

Maximum value of SAR (measured) = 1.13 W/kg



Test Laboratory: CTI SAR Lab

UMTS Band V 4132CH Front Side 10mm-Repeated

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Communication System Band: Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 42.929$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(9.98, 9.98, 9.98); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.959 W/kg

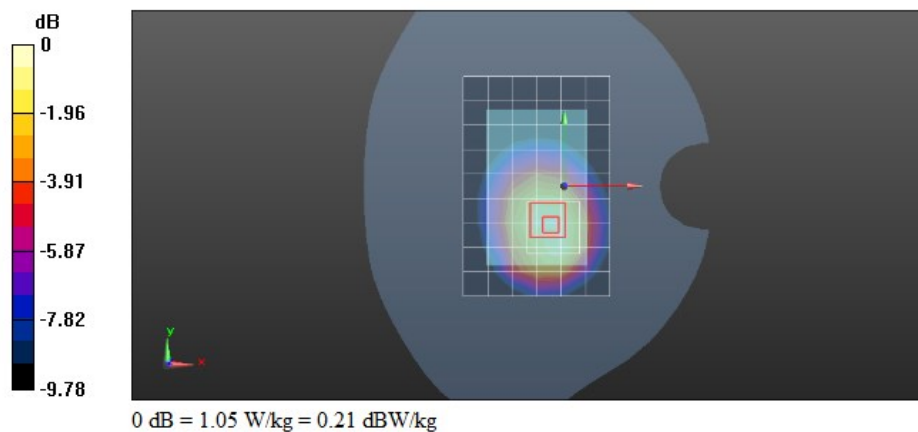
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.47 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.602 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



Test Laboratory: CTI SAR Lab

LTE Band 2 20M QPSK 50RB25 18900CH Front Side 10mm

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 38.32$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.18, 8.18, 8.18); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.806 W/kg

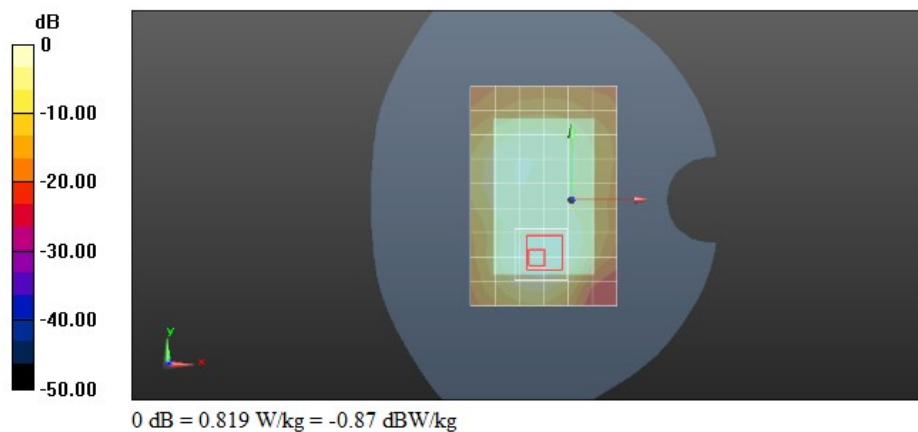
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.15 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.819 W/kg



Test Laboratory: CTI SAR Lab

LTE Band 4 20M QPSK 50RB25 20300CH Front Side 10mm

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 40.726$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.49, 8.49, 8.49); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.69 W/kg

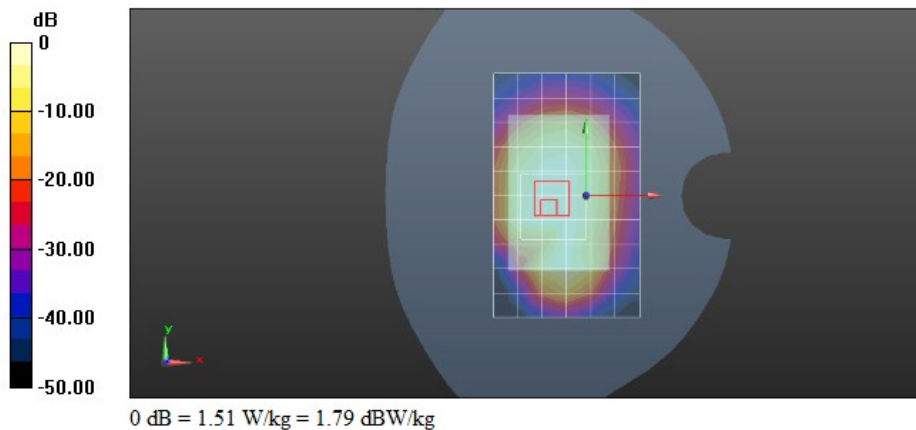
Configuration/Head/Zoom Scan (7x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 33.24 V/m; Power Drift = -0.47 dB

Peak SAR (extrapolated) = 2.39 W/kg

SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.315 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



Test Laboratory: CTI SAR Lab

LTE Band 4 20M QPSK 50RB25 20300CH Front Side 10mm-Repeated

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 40.726$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.49, 8.49, 8.49); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.65 W/kg

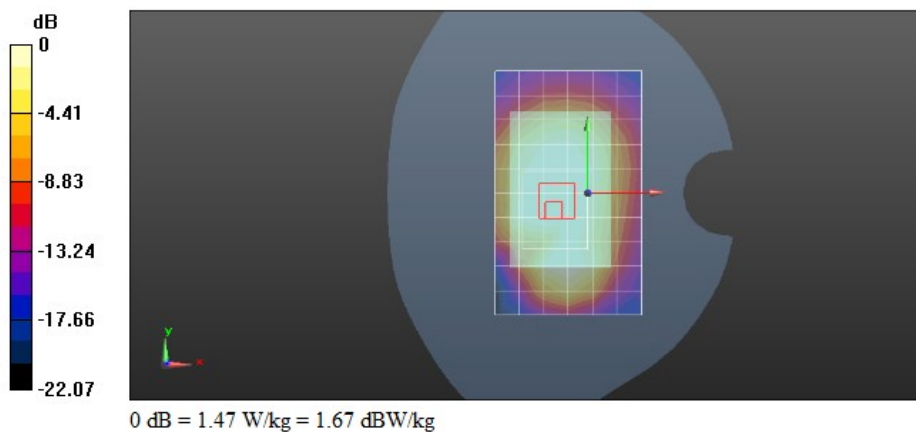
Configuration/Head/Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 36.37 V/m; Power Drift = -1.16 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.707 W/kg

Maximum value of SAR (measured) = 1.47 W/kg



Test Laboratory: CTI SAR Lab

LTE Band 5 10M QPSK 1RB25 20600CH Front Side 10mm

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 844 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 844$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 39.641$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(9.98, 9.98, 9.98); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.02 W/kg

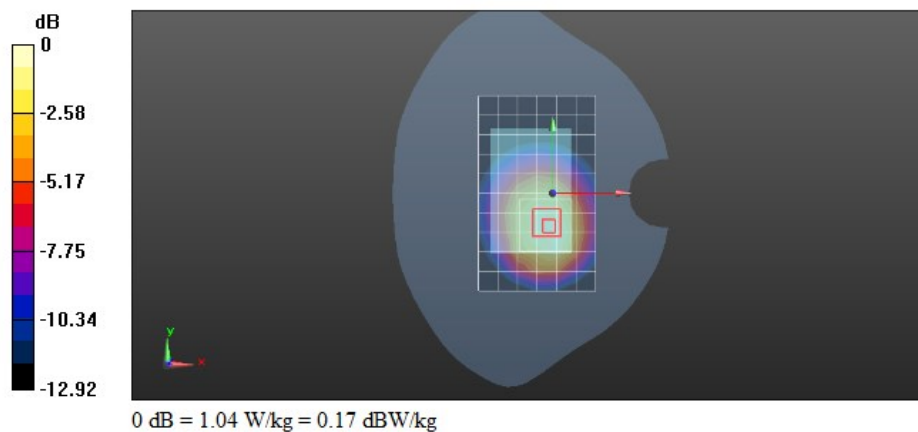
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.34 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.506 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



Test Laboratory: CTI SAR Lab

LTE Band 7 20M QPSK 50RB25 20850CH Front Side 10mm

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 7, E-UTRA/FDD (2500.0 - 2570.0 MHz); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.909$ S/m; $\epsilon_r = 39.886$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.63, 7.63, 7.63); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.78 W/kg

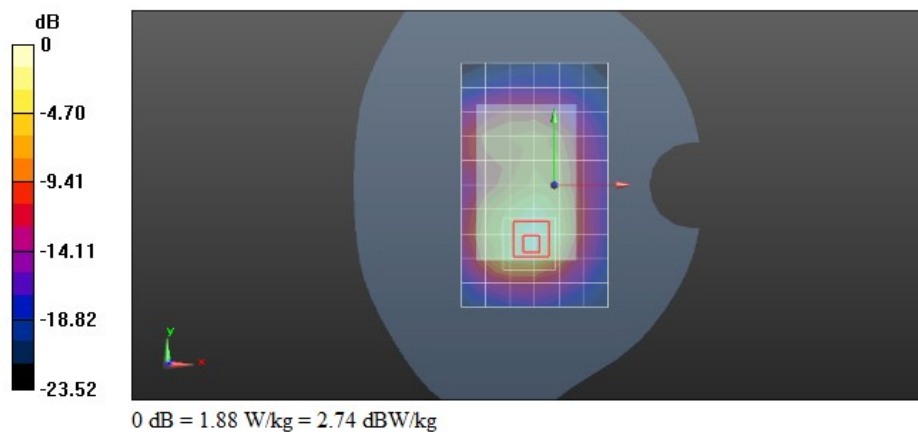
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.88 V/m; Power Drift = -0.40 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.560 W/kg

Maximum value of SAR (measured) = 1.88 W/kg



Test Laboratory: CTI SAR Lab

LTE Band 7 20M QPSK 50RB25 20850CH Front Side 10mm-Repeated

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 7, E-UTRA/FDD (2500.0 - 2570.0 MHz); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.909$ S/m; $\epsilon_r = 39.886$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.63, 7.63, 7.63); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.58 W/kg

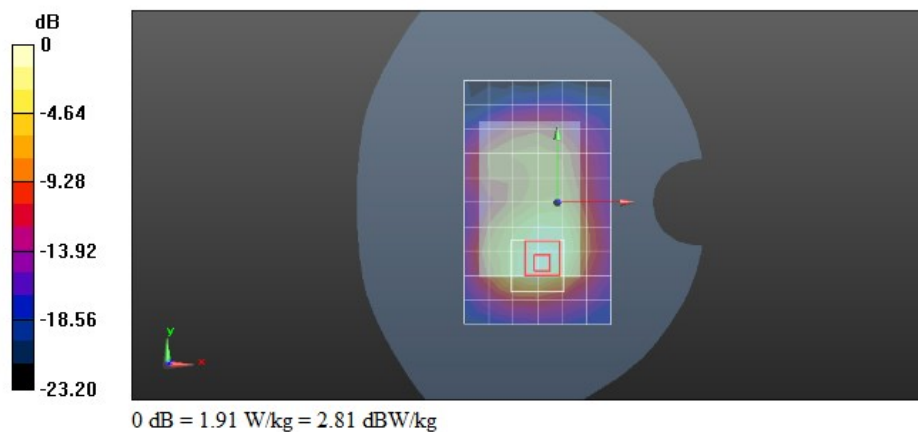
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.06 V/m; Power Drift = -0.64 dB

Peak SAR (extrapolated) = 2.45 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.562 W/kg

Maximum value of SAR (measured) = 1.91 W/kg



Test Laboratory: CTI SAR Lab

LTE Band 12 10M QPSK 25RB25 23130CH Front Side 10mm**DUT: MiFi; Type: NA; Serial: NA**

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711$ MHz; $\sigma = 0.826$ S/m; $\epsilon_r = 43.302$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7769; ConvF(10.96, 10.96, 10.96); Calibrated: 9/20/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.193 W/kg

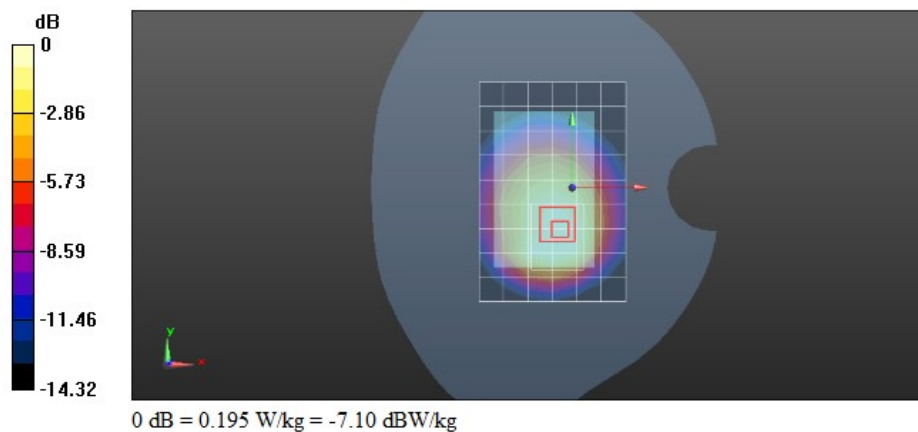
Configuration/Head/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.85 V/m; Power Drift = -0.48 dB

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.195 W/kg



Test Laboratory: CTI SAR Lab

LTE Band 13 10M QPSK 25RB25 23230CH Front Side 10mm**DUT: MiFi; Type: NA; Serial: NA**

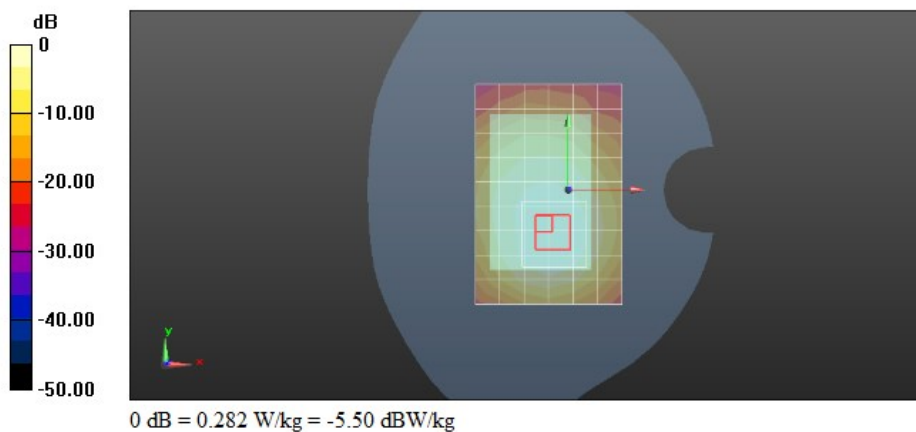
Communication System: UID 0, Generic LTE (0); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.873 \text{ S/m}$; $\epsilon_r = 42.766$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7769; ConvF(10.96, 10.96, 10.96); Calibrated: 9/20/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.275 W/kg **Configuration/Head/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 14.05 V/m ; Power Drift = 0.10 dB Peak SAR (extrapolated) = 0.764 W/kg **SAR(1 g) = 0.300 W/kg ; SAR(10 g) = 0.156 W/kg** Maximum value of SAR (measured) = 0.282 W/kg 

Test Laboratory: CTI SAR Lab

LTE Band 17 10M QPSK 1RB25 23800CH Front Side 10mm

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17, E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 43.501$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7769; ConvF(10.96, 10.96, 10.96); Calibrated: 9/20/2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.239 W/kg

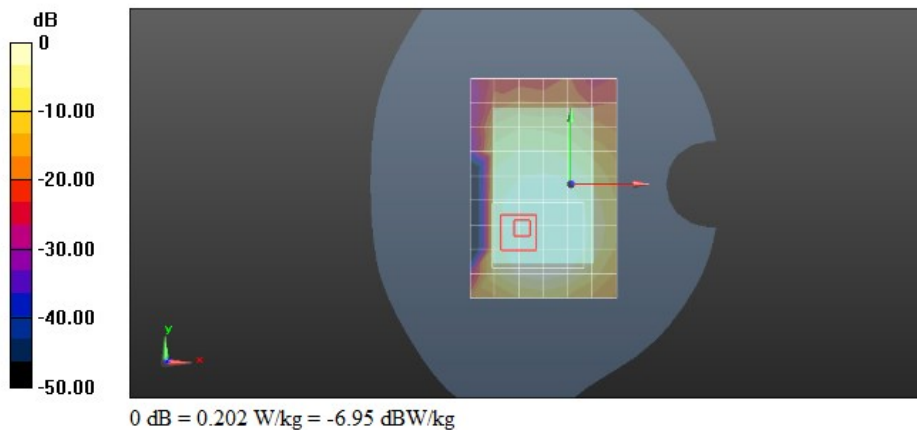
Configuration/Head/Zoom Scan (8x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.804 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.625 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.202 W/kg



Test Laboratory: CTI SAR Lab

LTE Band 25 20M QPSK 1RB50 26590CH Front Side 10mm

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25, E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1905$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 38.189$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.18, 8.18, 8.18); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.64 W/kg

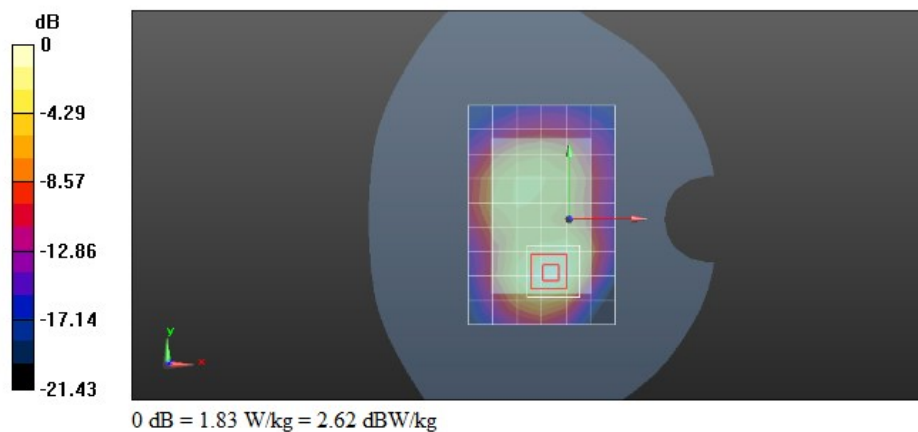
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.73 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.664 W/kg

Maximum value of SAR (measured) = 1.83 W/kg



Test Laboratory: CTI SAR Lab

LTE Band 25 20M QPSK 1RB50 26365CH Front Side 10mm-Repeated

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 25, E-UTRA/FDD (1850.0 - 1915.0 MHz); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.389$ S/m; $\epsilon_r = 38.294$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.18, 8.18, 8.18); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.58 W/kg

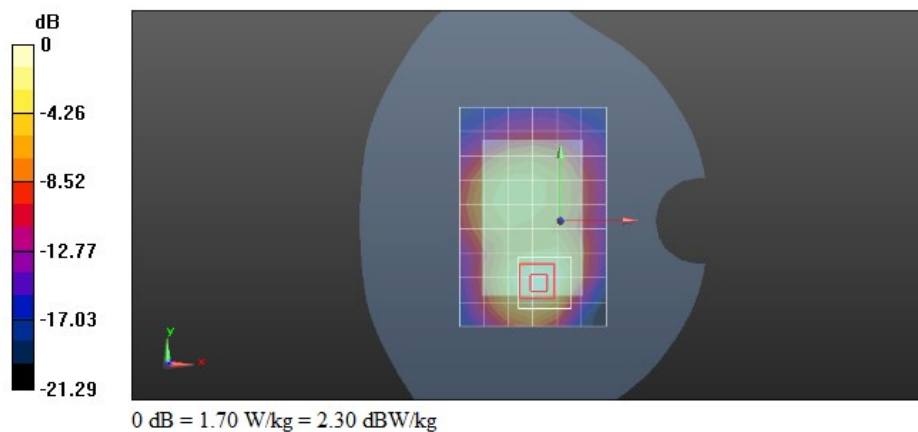
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.01 V/m; Power Drift = -0.22 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.648 W/kg

Maximum value of SAR (measured) = 1.70 W/kg



Test Laboratory: CTI SAR Lab

LTE Band 26 15M QPSK 36RB39 26909CH Front Side 10mm

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 26, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 835.9 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 39.765$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(9.98, 9.98, 9.98); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.878 W/kg

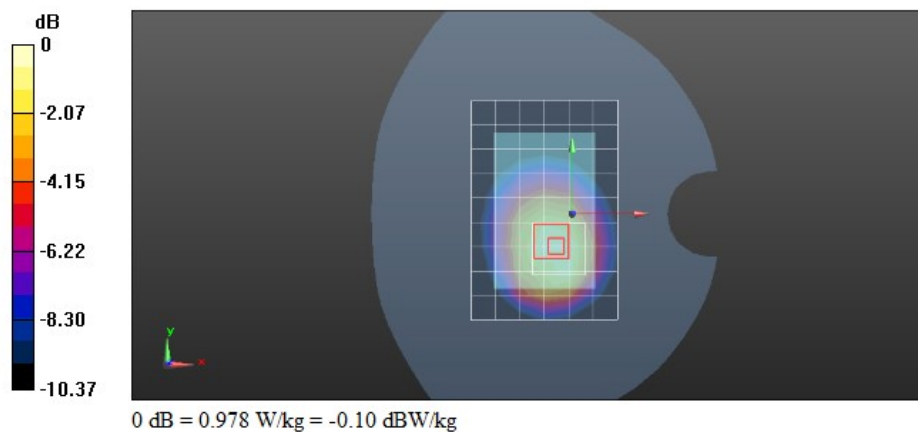
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 27.77 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.760 W/kg; SAR(10 g) = 0.548 W/kg

Maximum value of SAR (measured) = 0.978 W/kg



Test Laboratory: CTI SAR Lab

LTE Band 41 20M QPSK 1RB50 40880CH Front Side 10mm

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2619 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2619$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 39.468$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.4, 7.4, 7.4); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.63 W/kg

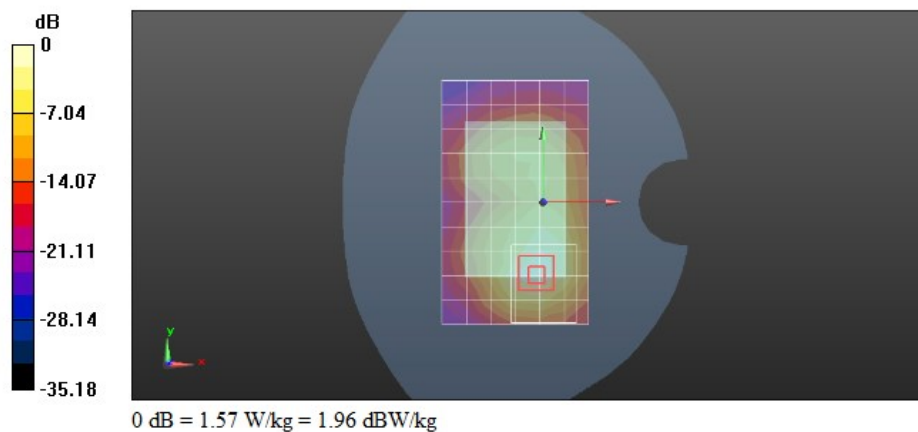
Configuration/Head/Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.546 V/m; Power Drift = -0.57 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 0.968 W/kg; SAR(10 g) = 0.450 W/kg

Maximum value of SAR (measured) = 1.57 W/kg



Test Laboratory: CTI SAR Lab

LTE Band 41 20M QPSK 1RB50 40880CH Front Side 10mm-Repeated

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2619 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2619$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 39.468$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.4, 7.4, 7.4); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.59 W/kg

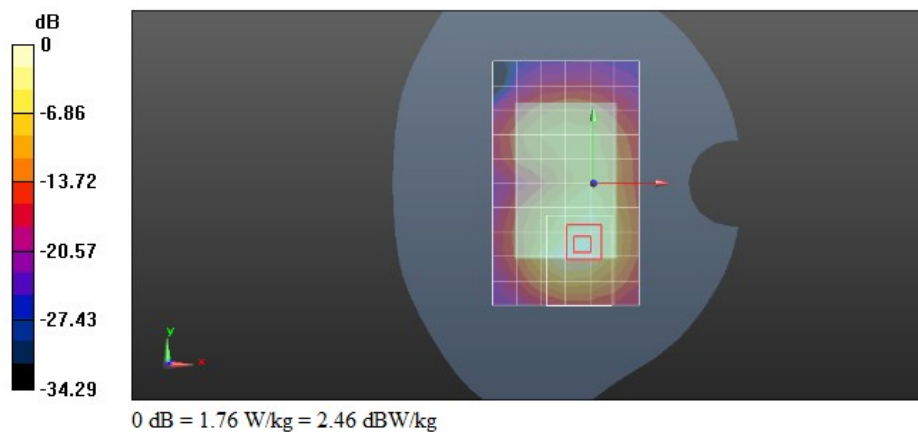
Configuration/Head/Zoom Scan (6x8x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.951 V/m; Power Drift = 0.35 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.475 W/kg

Maximum value of SAR (measured) = 1.76 W/kg



Test Laboratory: CTI SAR Lab

LTE Band 66 20M QPSK 50RB25 132322CH Front Side 10mm

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 66, E-UTRA/FDD (1710.0 - 1780.0 MHz); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 40.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.49, 8.49, 8.49); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.47 W/kg

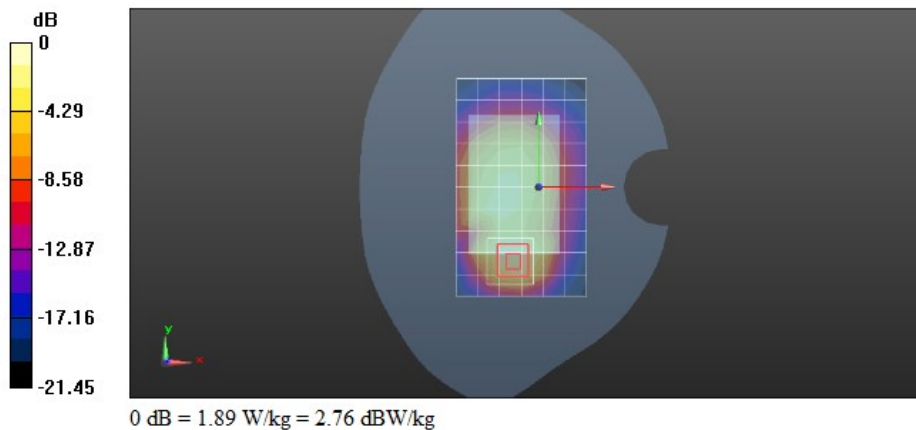
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 30.54 V/m; Power Drift = -0.41 dB

Peak SAR (extrapolated) = 2.23 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.689 W/kg

Maximum value of SAR (measured) = 1.89 W/kg



Test Laboratory: CTI SAR Lab

LTE Band 66 20M QPSK 1RB50 132322CH Front Side 10mm-Repeated**DUT: MiFi; Type: NA; Serial: NA**

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 66, E-UTRA/FDD (1710.0 - 1780.0 MHz); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 40.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.49, 8.49, 8.49); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.47 W/kg

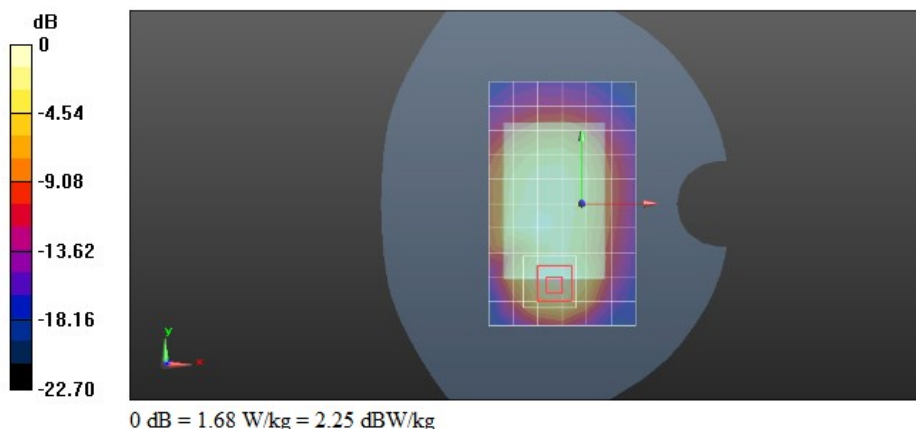
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 31.79 V/m; Power Drift = -0.77 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.654 W/kg

Maximum value of SAR (measured) = 1.68 W/kg



Test Laboratory: CTI SAR Lab

WiFi 802.11b 11CH Back Side 10mm

DUT: MiFi; Type: NA; Serial: NA

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.787$ S/m; $\epsilon_r = 38.106$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.63, 7.63, 7.63); Calibrated: 3/23/2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/11/2023
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.132 W/kg

Configuration/Head/Zoom Scan (7x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.049 V/m; Power Drift = -0.79 dB

Peak SAR (extrapolated) = 0.315 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.139 W/kg

