

Appendix C - Highest Measurement Plots

Date: 2024/1/17

15_WCDMA Band II_RMC12.2kbps_Rear Face_0mm_Ch9262_ANT Main

DUT: FM101-GL

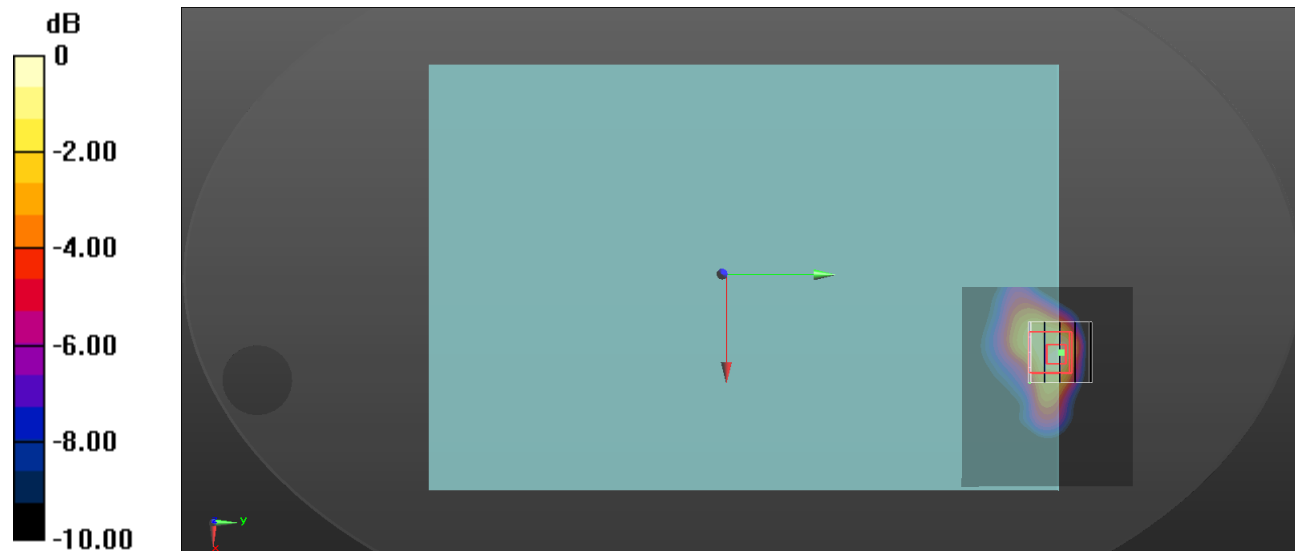
Communication System: UID 0, WCDMA Band II (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 41.124$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS5

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN7647; ConvF(8.57, 8.57, 8.57) @ 1852.4 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2023/12/7
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.16 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 24.85 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.744 W/kg; SAR(10 g) = 0.398 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.6 mm
 Ratio of SAR at M2 to SAR at M1 = 50%
 Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

Date: 2024/1/18

32_WCDMA Band IV_RMC12.2kbps_Rear Face_0mm_Ch1312_ANT Main

DUT: FM101-GL

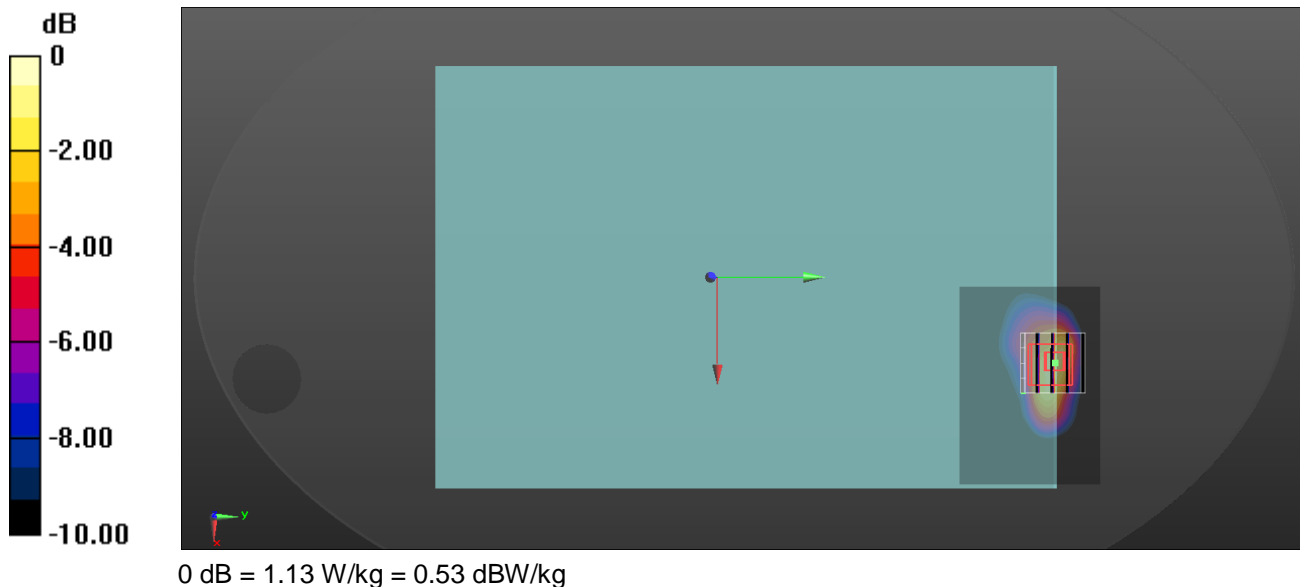
Communication System: UID 0, WCDMA Band IV (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.302$ S/m; $\epsilon_r = 41.503$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN7647; ConvF(8.89, 8.89, 8.89) @ 1712.4 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2023/12/7
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.969 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.39 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.386 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 50.1%
Maximum value of SAR (measured) = 1.13 W/kg



Date: 2024/1/22

53_WCDMA Band V_RMC12.2kbps_Bottom of laptop_0mm_Ch4233_ANT Main

DUT: FM101-GL

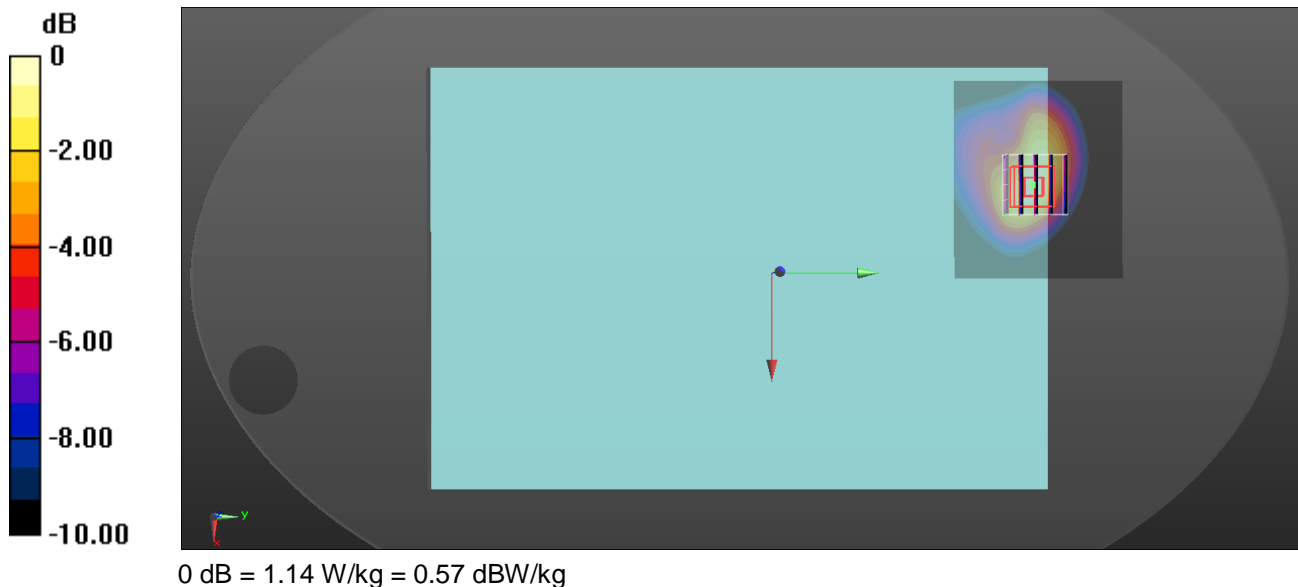
Communication System: UID 0, WCDMA Band V (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 847$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 43.264$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN7647; ConvF(9.88, 9.88, 9.88) @ 846.6 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2023/12/7
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.81 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.454 W/kg
Smallest distance from peaks to all points 3 dB below = 12.5 mm
Ratio of SAR at M2 to SAR at M1 = 53%
Maximum value of SAR (measured) = 1.14 W/kg



Date: 2024/1/19

703_LTE Band 4_QPSK20M_Bottom of laptop_0mm_Ch20050_1RB_0offset_ANT Main

DUT: FM101-GL

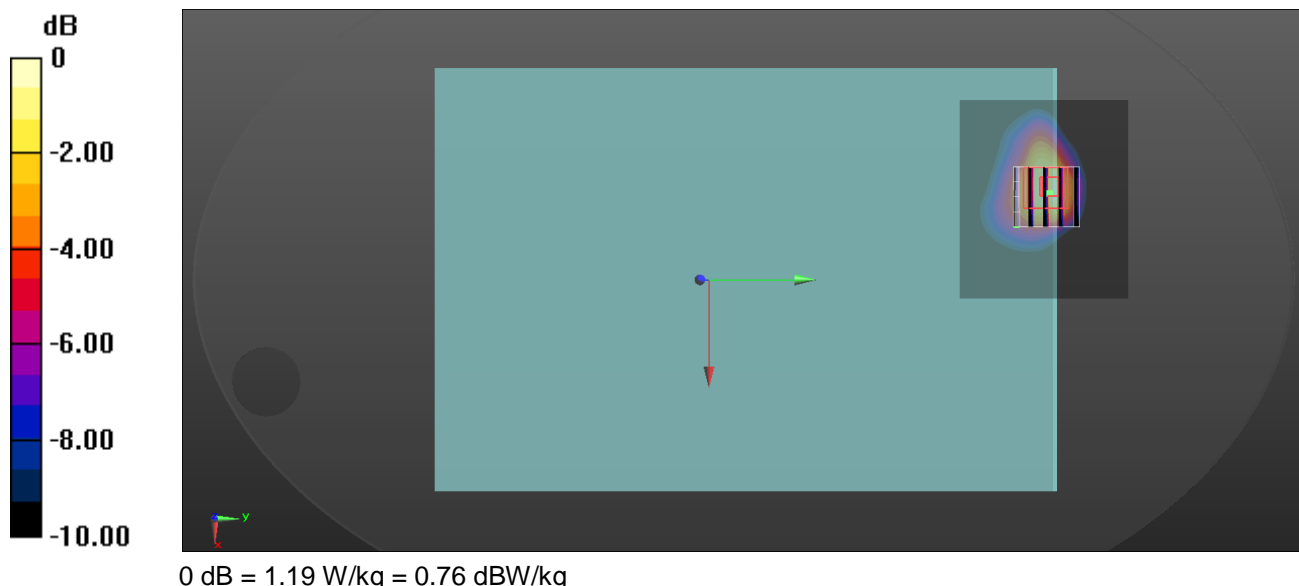
Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.315$ S/m; $\epsilon_r = 41.461$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS5

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN7647; ConvF(8.89, 8.89, 8.89) @ 1720 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2023/12/7
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Maximum value of SAR (interpolated) = 1.16 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 27.81 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.807 W/kg; SAR(10 g) = 0.442 W/kg
 Smallest distance from peaks to all points 3 dB below = 11.2 mm
 Ratio of SAR at M2 to SAR at M1 = 53%
 Maximum value of SAR (measured) = 1.19 W/kg



Date: 2024/1/22

723_LTE Band 5_QPSK10M_Bottom of laptop_0mm_Ch20450_1RB_0offset_ANT Main

DUT: FM101-GL

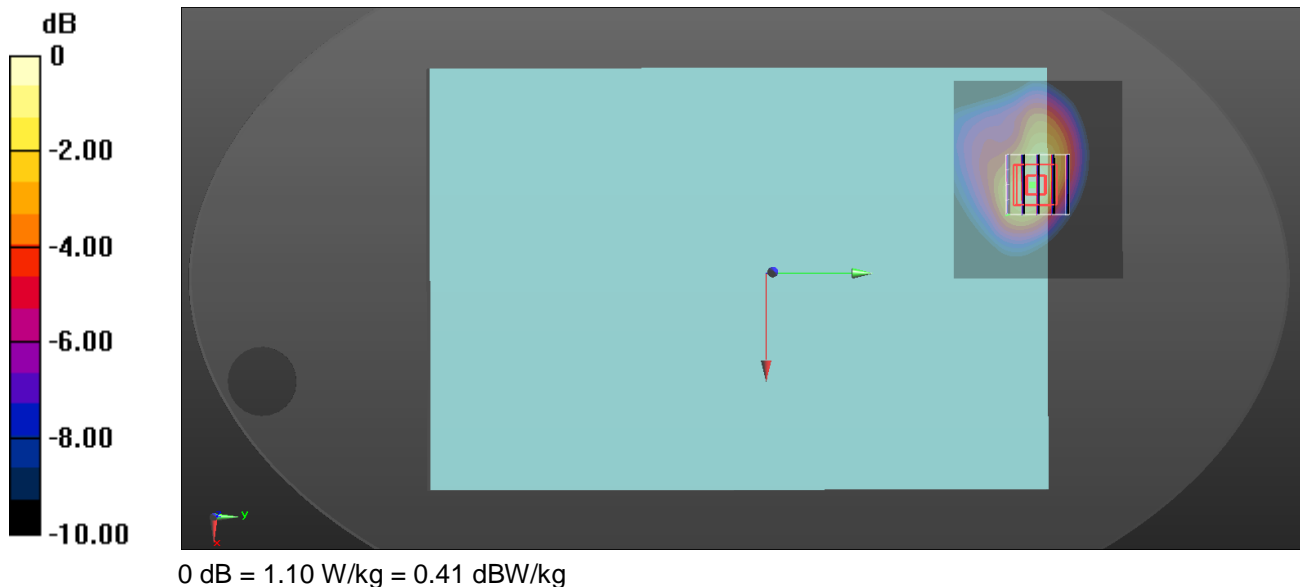
Communication System: UID 0, Generic LTE (0); Frequency: 829 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.872 \text{ S/m}$; $\epsilon_r = 43.298$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN7647; ConvF(9.88, 9.88, 9.88) @ 829 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2023/12/7
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.10 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 29.34 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.734 W/kg; SAR(10 g) = 0.424 W/kg
 Smallest distance from peaks to all points 3 dB below = 11.2 mm
 Ratio of SAR at M2 to SAR at M1 = 52.5%
 Maximum value of SAR (measured) = 1.10 W/kg



Date: 2024/1/13

168_LTE Band 7_QPSK20M_Rear Face_0mm_Ch21350_1RB_0offset_ANT Main

DUT: FM101-GL

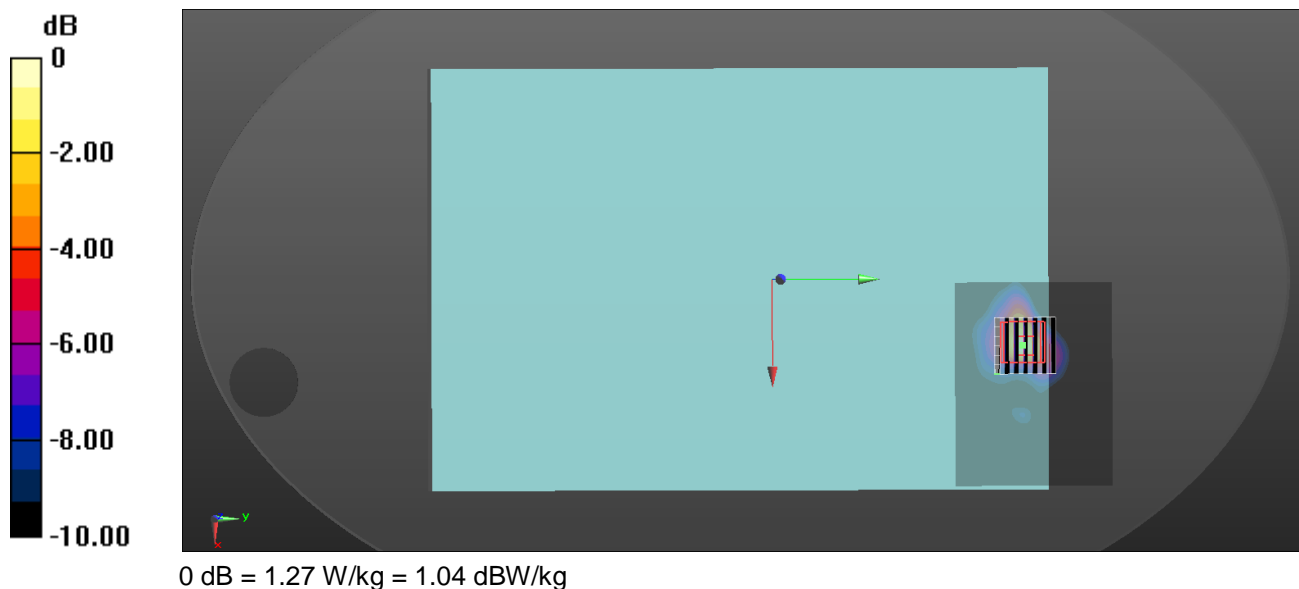
Communication System: UID 0, Generic LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2560$ MHz; $\sigma = 1.871$ S/m; $\epsilon_r = 40.181$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN7647; ConvF(7.83, 7.83, 7.83) @ 2560 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2023/12/7
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.24 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.78 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.294 W/kg
Smallest distance from peaks to all points 3 dB below = 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 44.3%
Maximum value of SAR (measured) = 1.27 W/kg



Date: 2024/1/20

785_LTE Band 12_QPSK10M_Bottom of laptop_0mm_Ch23130_1RB_0offset_ANT Main

DUT: FM101-GL

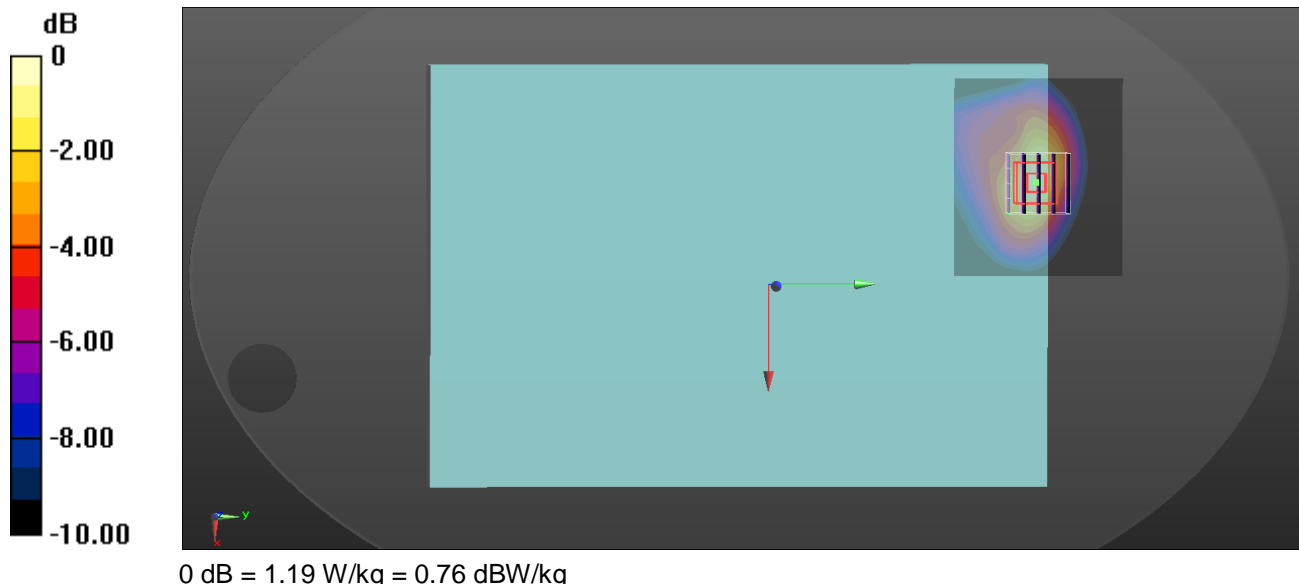
Communication System: UID 0, Generic LTE (0); Frequency: 711 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 711$ MHz; $\sigma = 0.831$ S/m; $\epsilon_r = 43.747$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN7647; ConvF(9.98, 9.98, 9.98) @ 711 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2023/12/7
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Maximum value of SAR (interpolated) = 1.15 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 34.14 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.796 W/kg; SAR(10 g) = 0.457 W/kg
 Smallest distance from peaks to all points 3 dB below = 12.6 mm
 Ratio of SAR at M2 to SAR at M1 = 51.2%
 Maximum value of SAR (measured) = 1.19 W/kg



Date: 2024/1/20

229_LTE Band 13_QPSK10M_Bottom of laptop_0mm_Ch23230_1RB_0offset_ANT Main

DUT: FM101-GL

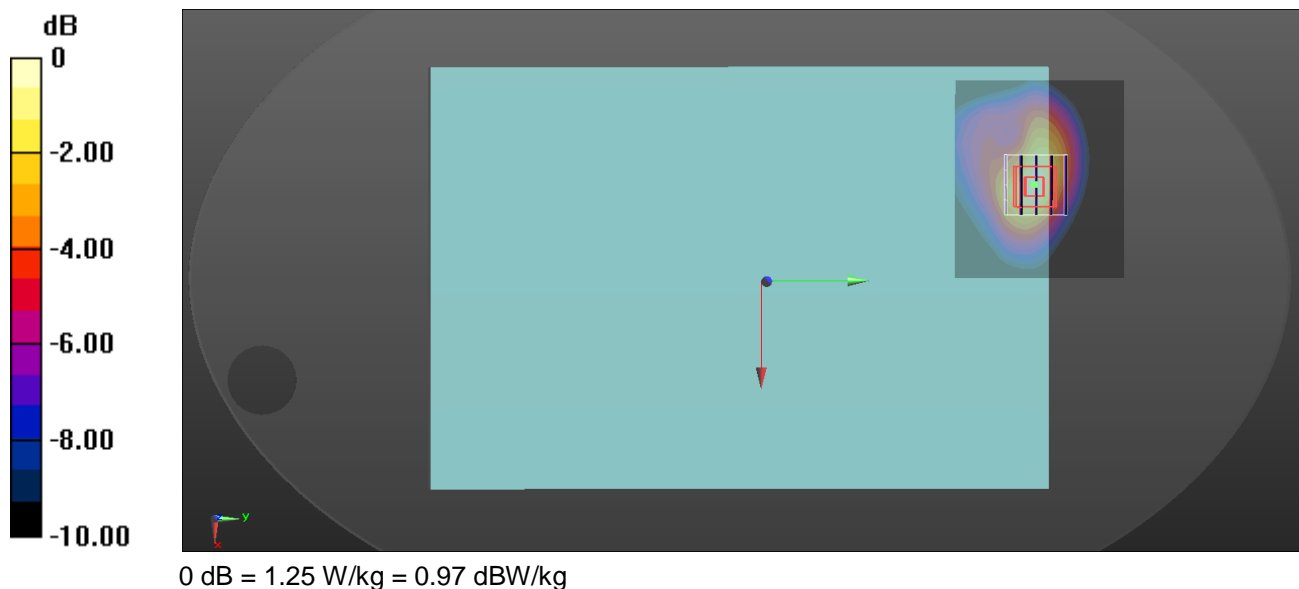
Communication System: UID 0, Generic LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.854 \text{ S/m}$; $\epsilon_r = 43.51$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN7647; ConvF(9.98, 9.98, 9.98) @ 782 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2023/12/7
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.22 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 32.57 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.822 W/kg; SAR(10 g) = 0.475 W/kg
 Smallest distance from peaks to all points 3 dB below = 12.9 mm
 Ratio of SAR at M2 to SAR at M1 = 53.9%
 Maximum value of SAR (measured) = 1.25 W/kg



Date: 2024/1/21

259_LTE Band 14_QPSK10M_Bottom of laptop_0mm_Ch23330_1RB_0offset_ANT Main

DUT: FM101-GL

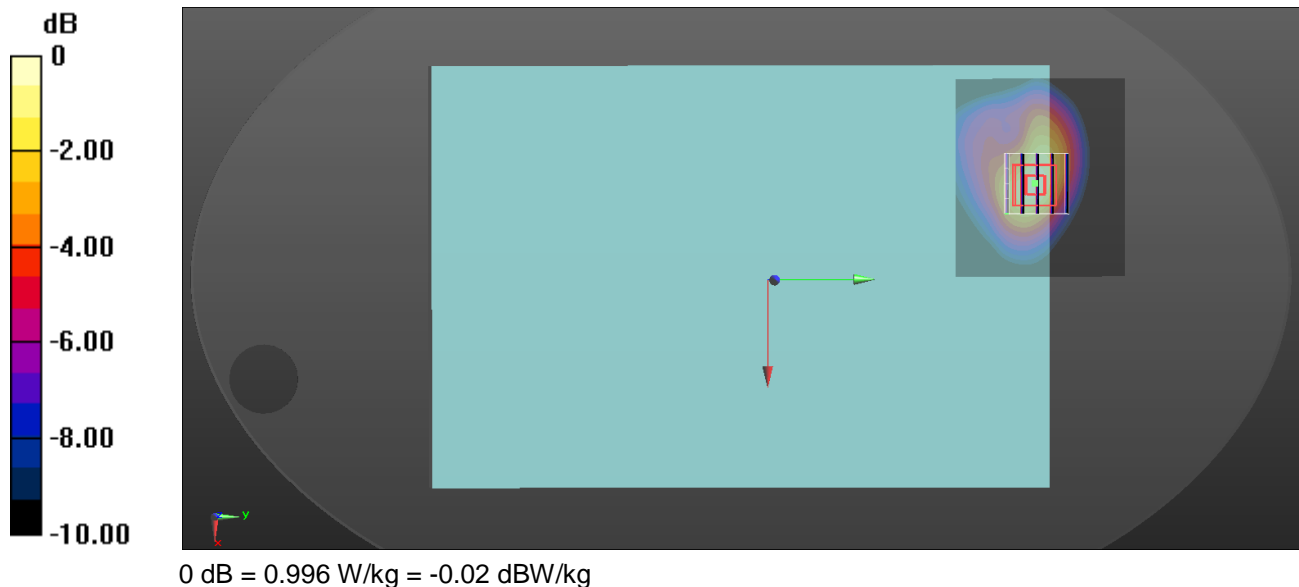
Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.86 \text{ S/m}$; $\epsilon_r = 43.447$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN7647; ConvF(9.98, 9.98, 9.98) @ 793 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2023/12/7
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.991 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 29.17 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.674 W/kg; SAR(10 g) = 0.389 W/kg
 Smallest distance from peaks to all points 3 dB below = 12.4 mm
 Ratio of SAR at M2 to SAR at M1 = 53.9%
 Maximum value of SAR (measured) = 0.996 W/kg



Date: 2024/1/17

803_LTE Band 25_QPSK20M_Bottom of laptop_0mm_Ch26140_1RB_0offset_ANT Main

DUT: FM101-GL

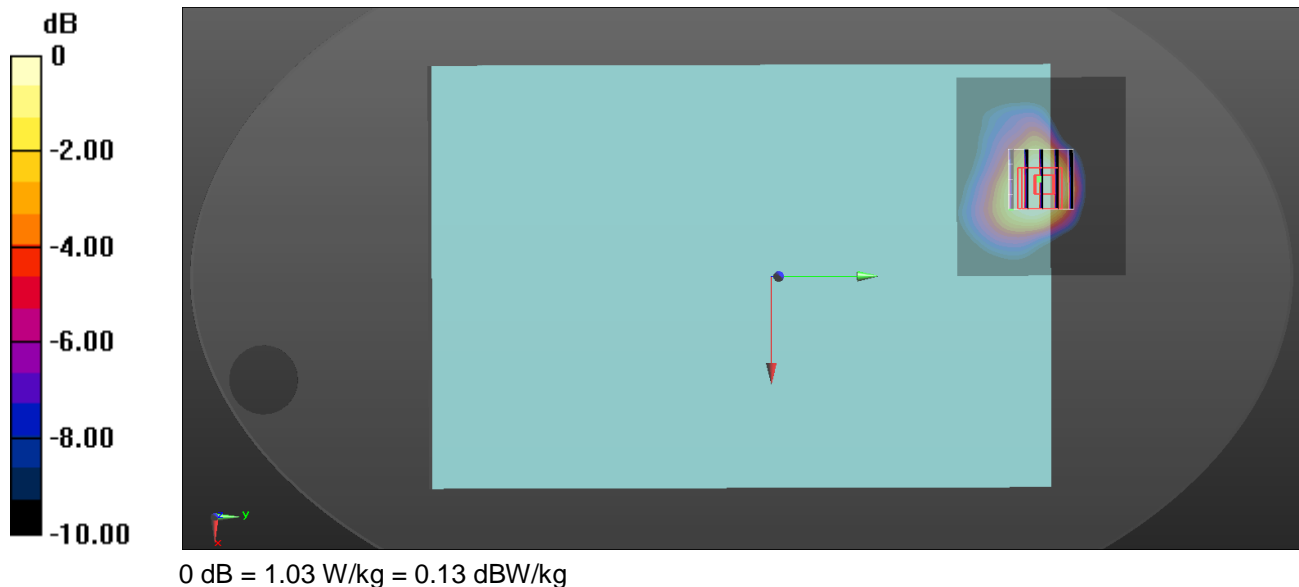
Communication System: UID 0, Generic LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1860$ MHz; $\sigma = 1.391$ S/m; $\epsilon_r = 41.113$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN7647; ConvF(8.57, 8.57, 8.57) @ 1860 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2023/12/7
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.27 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.22 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.753 W/kg; SAR(10 g) = 0.436 W/kg
Smallest distance from peaks to all points 3 dB below = 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 50.8%
Maximum value of SAR (measured) = 1.03 W/kg



Date: 2024/1/23

833_LTE Band 26_QPSK15M_Bottom of laptop_0mm_Ch26765_1RB_0offset_ANT Main

DUT: FM101-GL

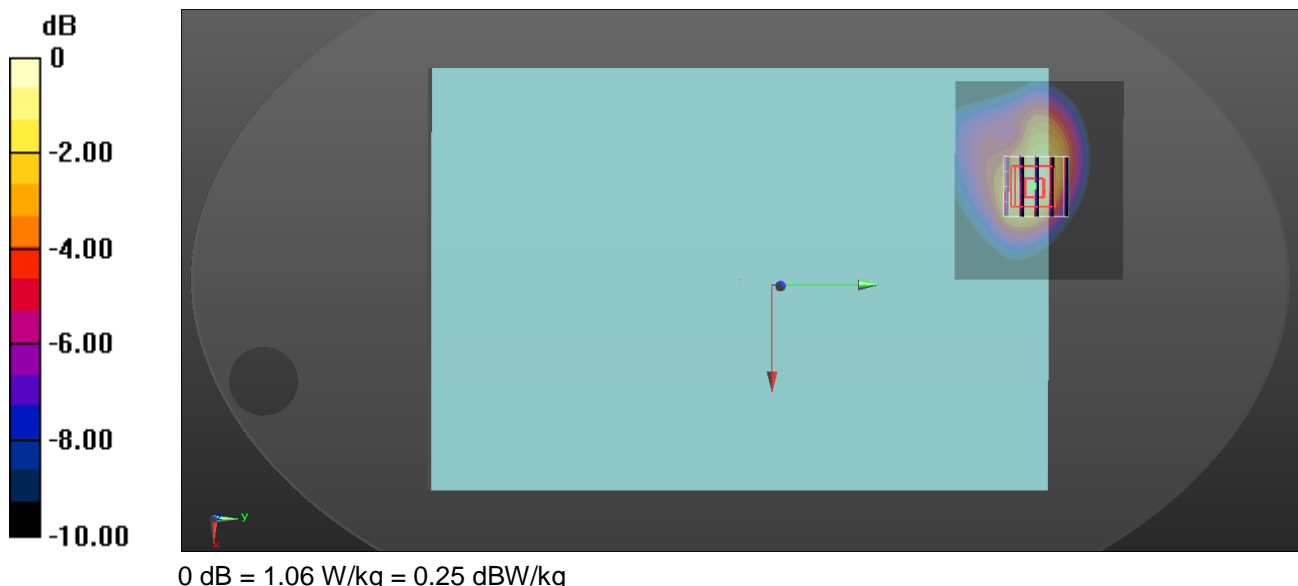
Communication System: UID 0, Generic LTE (0); Frequency: 821.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.866$ S/m; $\epsilon_r = 43.225$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN7647; ConvF(9.88, 9.88, 9.88) @ 821.5 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2023/12/7
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.08 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 29.91 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.426 W/kg
 Smallest distance from peaks to all points 3 dB below = 12.6 mm
 Ratio of SAR at M2 to SAR at M1 = 53.4%
 Maximum value of SAR (measured) = 1.06 W/kg



Date: 2024/1/16

864_LTE Band 30_QPSK10M_Rear Face_0mm_Ch27710_1RB_0offset_ANT Main

DUT: FM101-GL

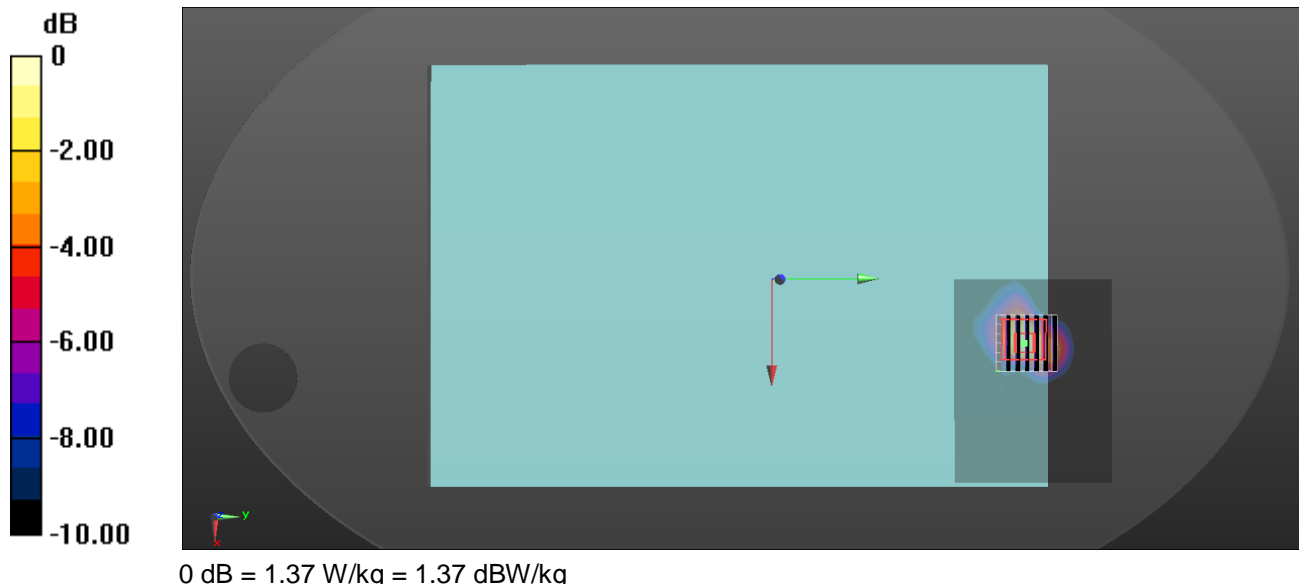
Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2310$ MHz; $\sigma = 1.695$ S/m; $\epsilon_r = 40.64$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN7647; ConvF(8.24, 8.24, 8.24) @ 2310 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2023/12/7
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.41 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.333 W/kg
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 47.4%
Maximum value of SAR (measured) = 1.37 W/kg



Date: 2024/1/14

890_LTE Band 38_QPSK20M_Rear Face_0mm_Ch38150_1RB_Offset_ANT Main

DUT: FM101-GL

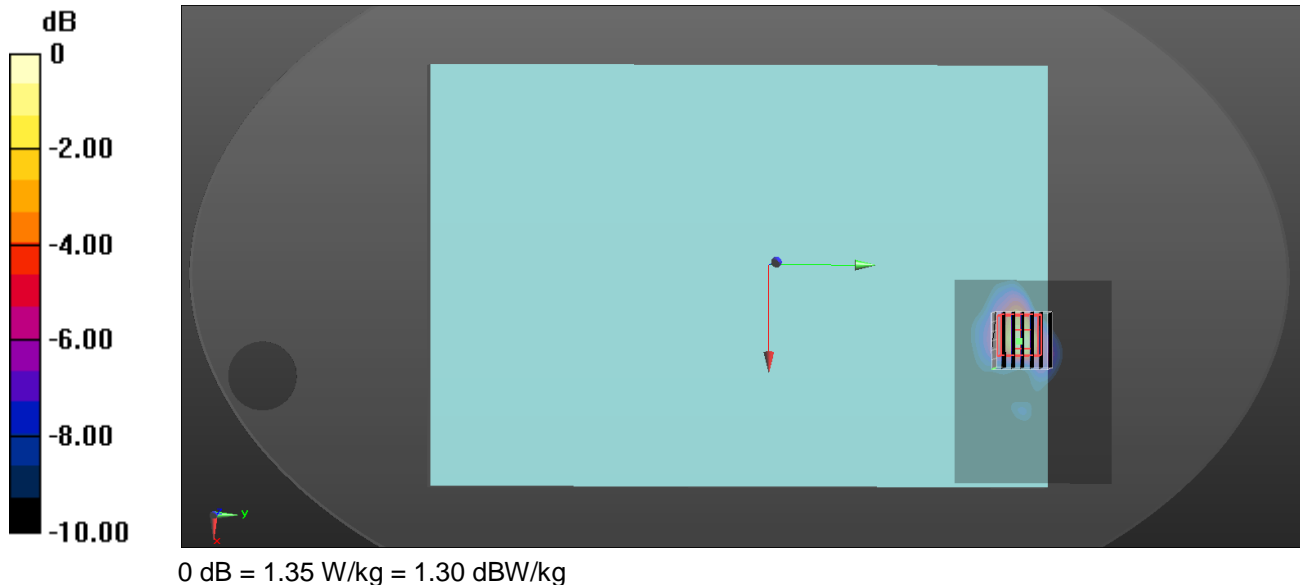
Communication System: UID 0, Generic LTE (0); Frequency: 2610 MHz; Duty Cycle: 1:1.58
 Medium parameters used: $f = 2610$ MHz; $\sigma = 1.9$ S/m; $\epsilon_r = 39.971$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN7647; ConvF(7.83, 7.83, 7.83) @ 2610 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2023/12/7
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.25 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 26.90 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 0.726 W/kg; SAR(10 g) = 0.298 W/kg
 Smallest distance from peaks to all points 3 dB below = 7.2 mm
 Ratio of SAR at M2 to SAR at M1 = 43.5%
 Maximum value of SAR (measured) = 1.35 W/kg



Date: 2024/1/15

936_LTE Band 41_QPSK20M_Rear Face_0mm_Ch41490_1RB_0offset_ANT Main_PC2

DUT: FM101-GL

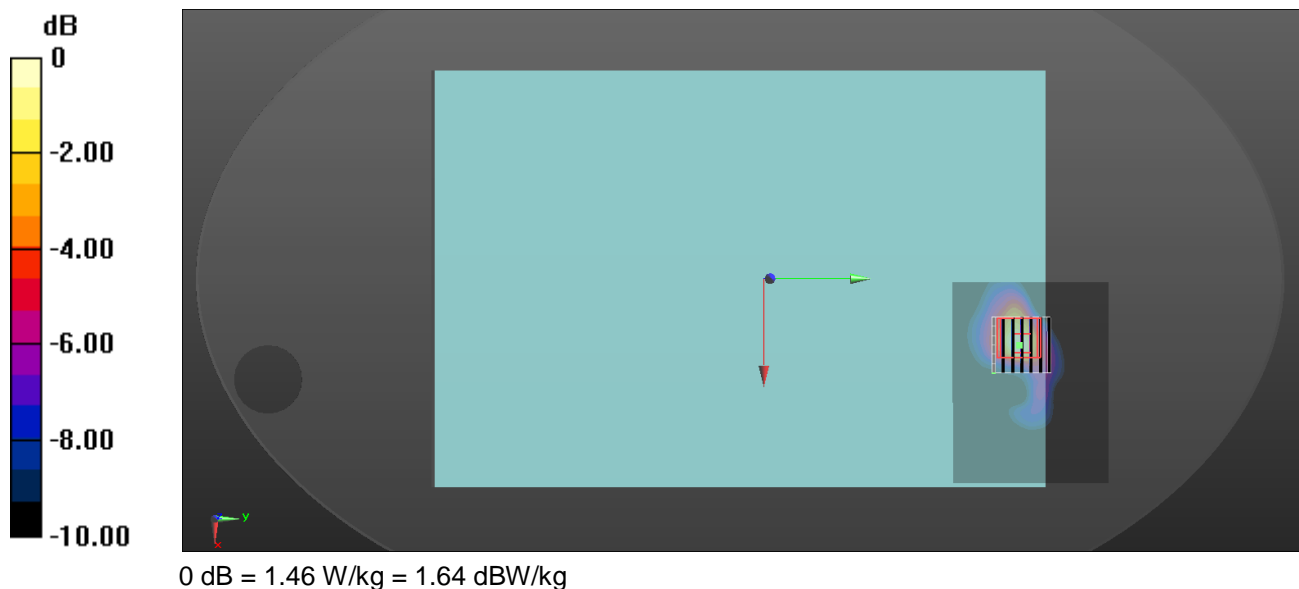
Communication System: UID 0, Generic LTE (0); Frequency: 2680 MHz; Duty Cycle: 1:2.309
 Medium parameters used: $f = 2680$ MHz; $\sigma = 1.98$ S/m; $\epsilon_r = 39.948$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS5

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN7647; ConvF(7.83, 7.83, 7.83) @ 2680 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2023/12/7
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.72 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 27.94 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.321 W/kg
 Smallest distance from peaks to all points 3 dB below = 7.6 mm
 Ratio of SAR at M2 to SAR at M1 = 47.6%
 Maximum value of SAR (measured) = 1.46 W/kg



Date: 2024/1/12

1035_LTE Band 48_QPSK20M_Rear Face_0mm_Ch55340_1RB_0offset_ANT Main

DUT: FM101-GL

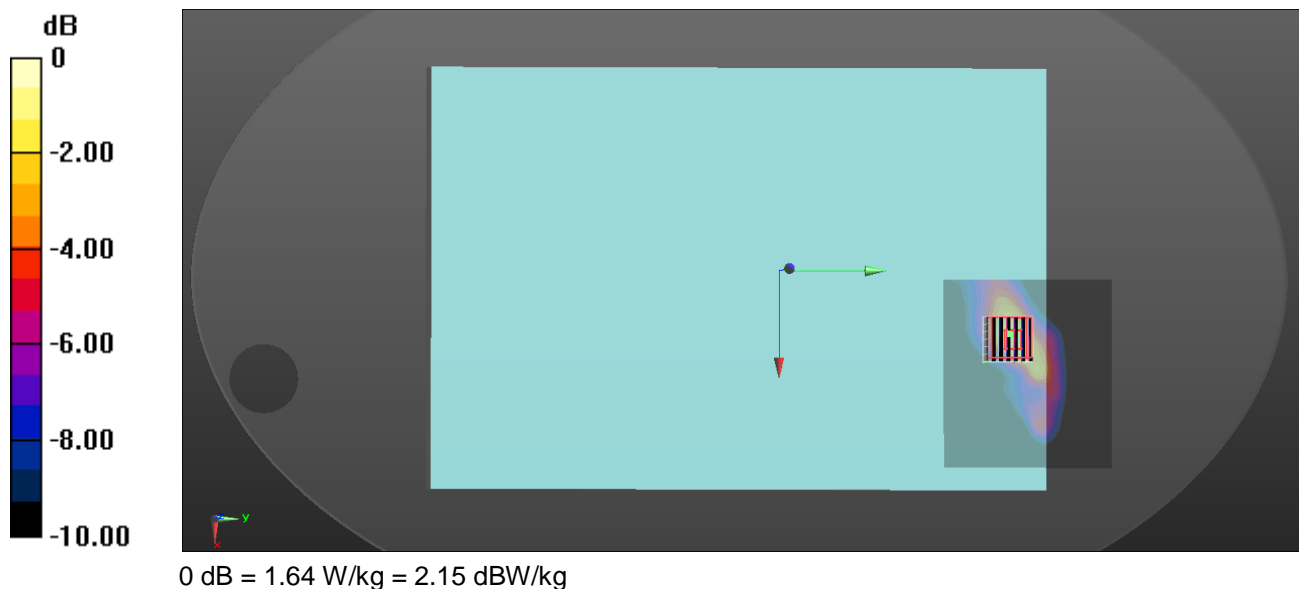
Communication System: UID 0, Generic LTE (0); Frequency: 3560 MHz; Duty Cycle: 1:1.58
 Medium parameters used: $f = 3560$ MHz; $\sigma = 2.816$ S/m; $\epsilon_r = 39.145$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(6.51, 6.6, 6.41) @ 3560 MHz; Calibrated: 2023/3/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 1.41 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 19.58 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 0.844 W/kg; SAR(10 g) = 0.326 W/kg
 Smallest distance from peaks to all points 3 dB below = 7.1 mm
 Ratio of SAR at M2 to SAR at M1 = 77.2%
 Maximum value of SAR (measured) = 1.64 W/kg



Date: 2024/1/19

998_LTE Band 66_QPSK20M_Rear Face_0mm_Ch132072_1RB_0offset_ANT Main

DUT: FM101-GL

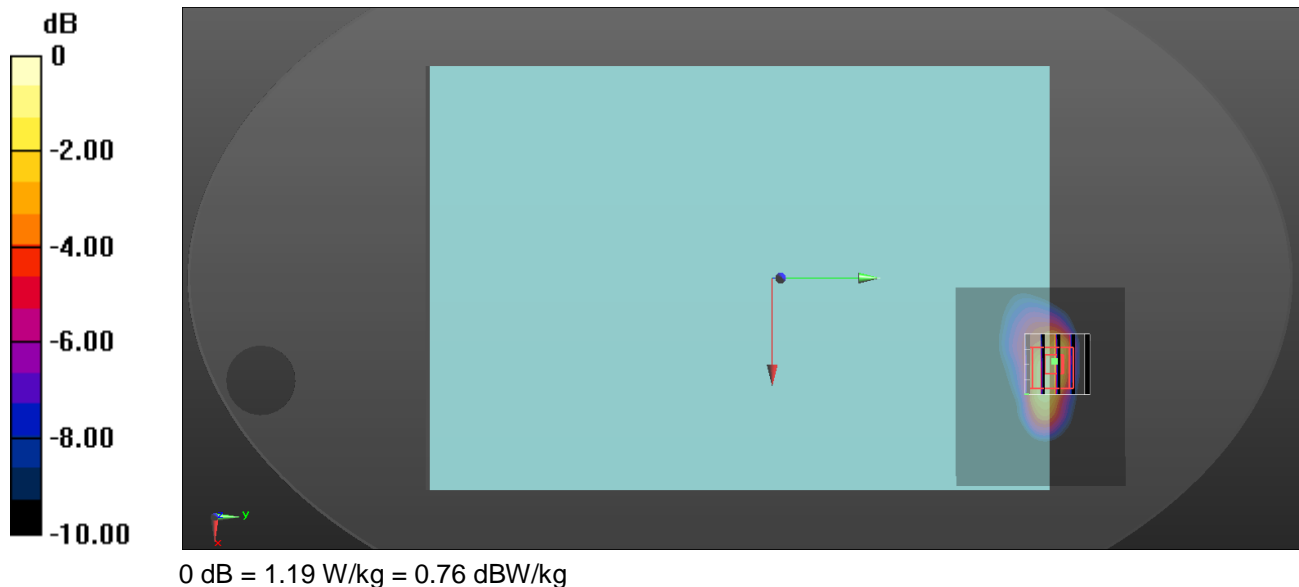
Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.315$ S/m; $\epsilon_r = 41.461$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS5

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN7647; ConvF(8.89, 8.89, 8.89) @ 1720 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2023/12/7
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.966 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 23.04 V/m; Power Drift = 0.08 dB
 Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.365 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.6 mm
 Ratio of SAR at M2 to SAR at M1 = 50.5%
 Maximum value of SAR (measured) = 1.19 W/kg



Date: 2024/1/21

1026_LTE Band 71_QPSK20M_Rear Face_0mm_Ch133322_1RB_0offset_ANT Main

DUT: FM101-GL

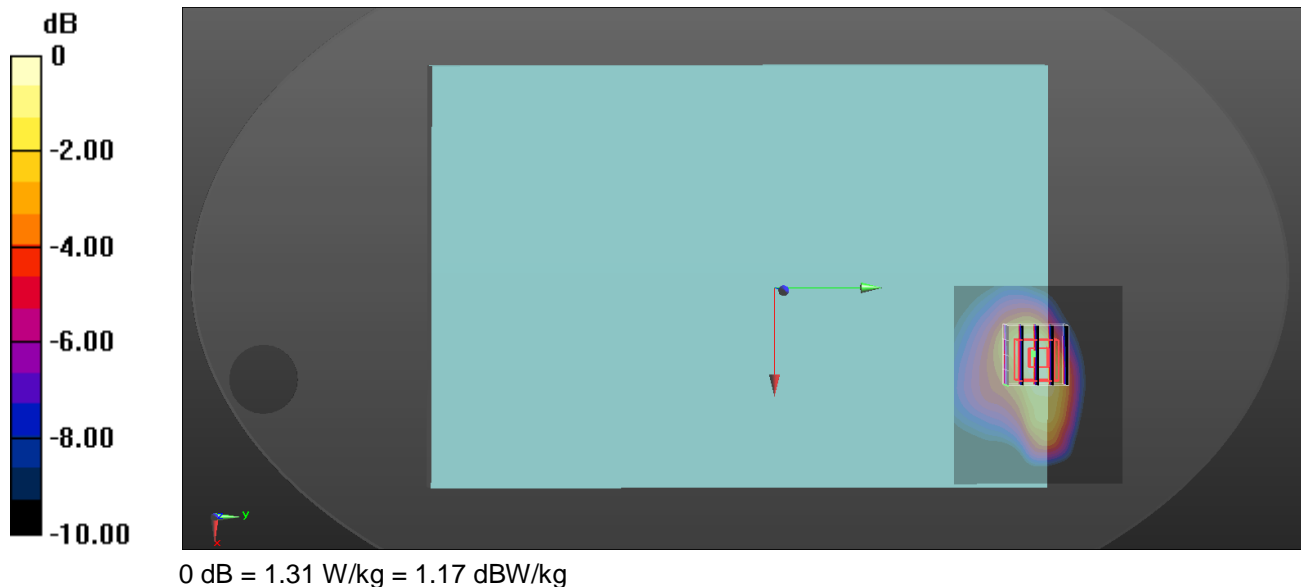
Communication System: UID 0, Generic LTE (0); Frequency: 683 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 683 \text{ MHz}$; $\sigma = 0.822 \text{ S/m}$; $\epsilon_r = 43.837$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS5

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN7647; ConvF(9.98, 9.98, 9.98) @ 683 MHz; Calibrated: 2023/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2023/12/7
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.33 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 38.04 V/m; Power Drift = -0.11 dB
 Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.498 W/kg
 Smallest distance from peaks to all points 3 dB below = 10.8 mm
 Ratio of SAR at M2 to SAR at M1 = 54.1%
 Maximum value of SAR (measured) = 1.31 W/kg



Date: 2024/1/10

2000_WLAN 2.4 GHz_802.11b_Top Side_0mm_Ch11_ANT Main

DUT: FM101-GL

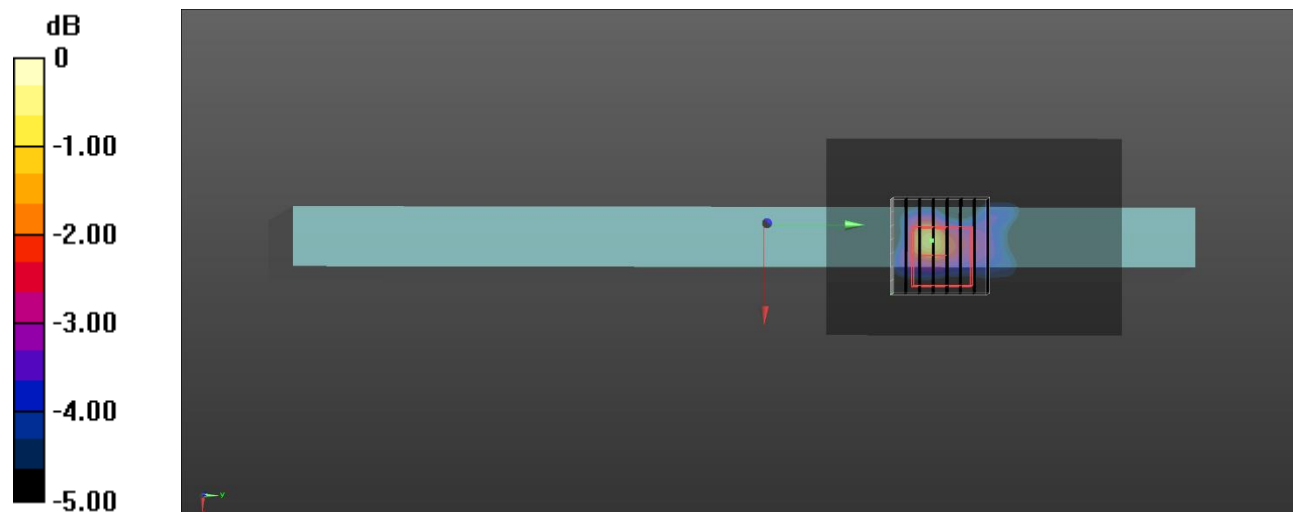
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2462 MHz; Duty Cycle: 1:1.001
 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.837$ S/m; $\epsilon_r = 40.022$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.33, 7.5, 7.2) @ 2462 MHz; Calibrated: 2023/3/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.620 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 20.59 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.122 W/kg
 Smallest distance from peaks to all points 3 dB below = 5.5 mm
 Ratio of SAR at M2 to SAR at M1 = 33%
 Maximum value of SAR (measured) = 0.618 W/kg



0 dB = 0.618 W/kg = -1.44 dBW/kg

Date: 2024/1/10

2001_WLAN 2.4 GHz_802.11b_Top Side_0mm_Ch1_ANT Aux

DUT: FM101-GL

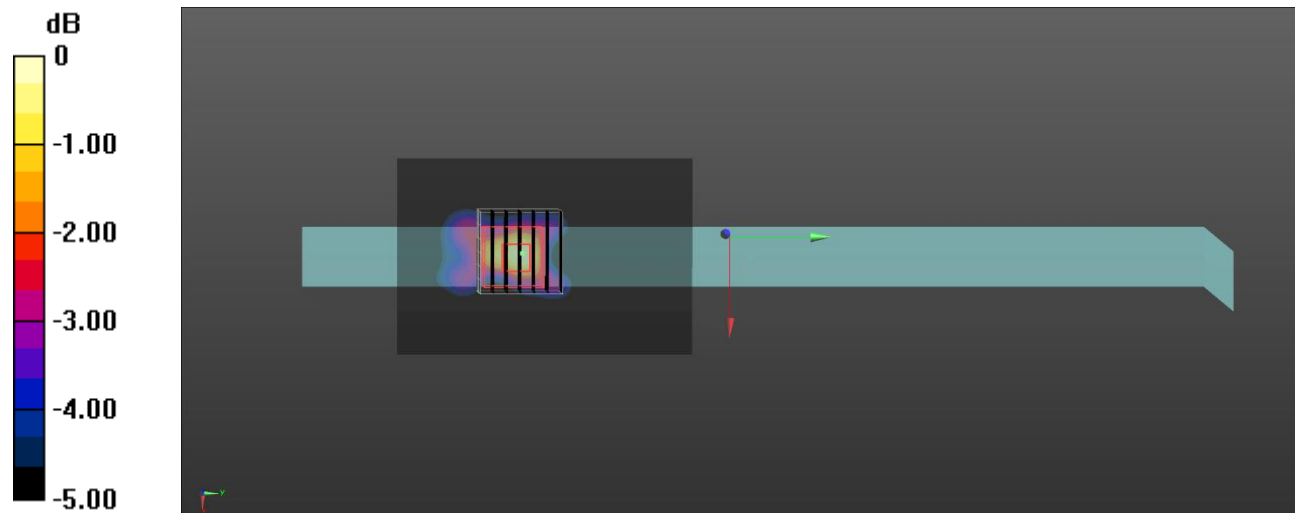
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.001
 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.797$ S/m; $\epsilon_r = 40.096$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.33, 7.5, 7.2) @ 2412 MHz; Calibrated: 2023/3/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.596 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 17.44 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 0.977 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.125 W/kg
 Smallest distance from peaks to all points 3 dB below = 8.2 mm
 Ratio of SAR at M2 to SAR at M1 = 37.6%
 Maximum value of SAR (measured) = 0.712 W/kg



Date: 2024/1/10

2002_Bluetooth_GFSK_Top Side_0mm_Ch39_ANT Aux

DUT: FM101-GL

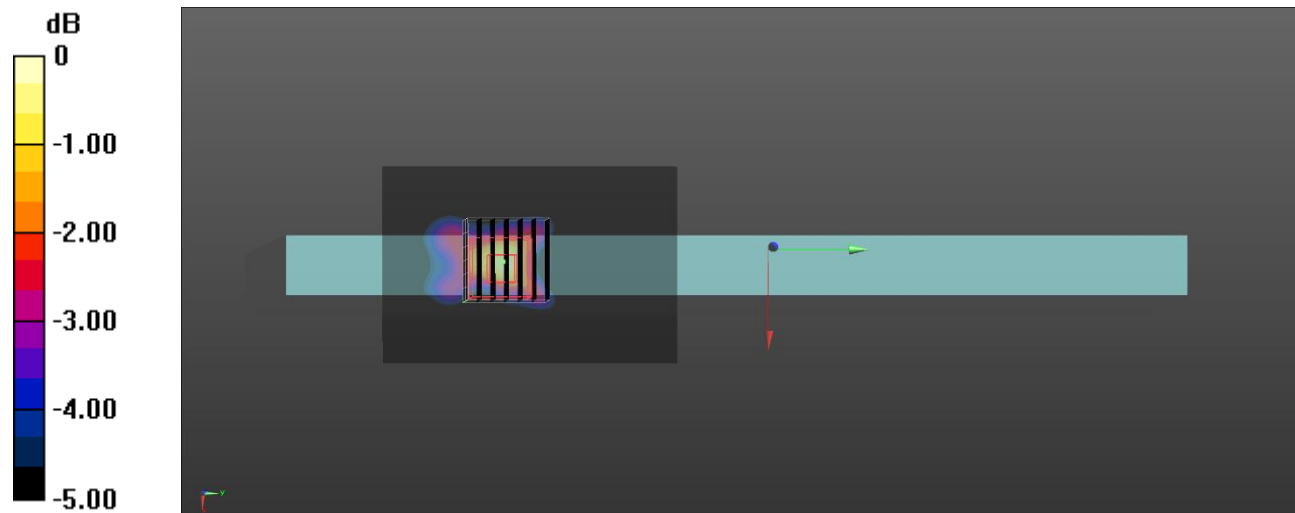
Communication System: UID 0, Bluetooth 3.0 (0); Frequency: 2441 MHz; Duty Cycle: 1:1.318
 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 40.046$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS5

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.33, 7.5, 7.2) @ 2441 MHz; Calibrated: 2023/3/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
 Maximum value of SAR (interpolated) = 0.0933 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 7.514 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.017 W/kg
 Smallest distance from peaks to all points 3 dB below = 8.2 mm
 Ratio of SAR at M2 to SAR at M1 = 33.2%
 Maximum value of SAR (measured) = 0.100 W/kg



Date: 2024/1/10

2003_WLAN 5 GHz_802.11ac_VHT80_Top Side_0mm_Ch58_ANT Main

DUT: FM101-GL

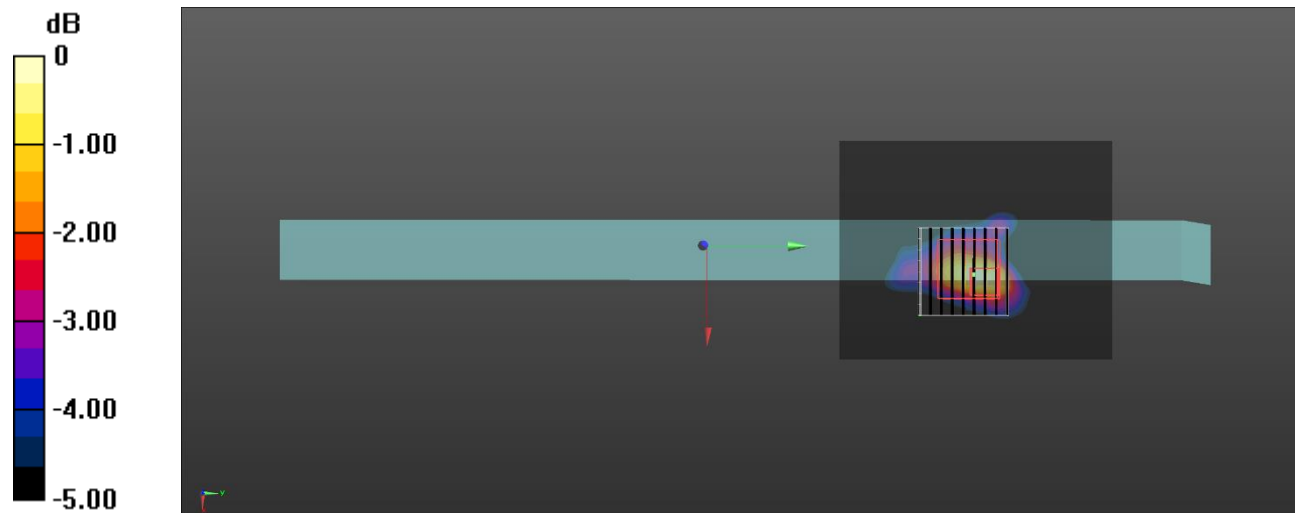
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5290 MHz;Duty Cycle: 1:1.028
Medium parameters used: $f = 5290$ MHz; $\sigma = 4.64$ S/m; $\epsilon_r = 35.446$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(5.24, 5.27, 5.14) @ 5290 MHz; Calibrated: 2023/3/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.491 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.43 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.044 W/kg
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 65.6%
Maximum value of SAR (measured) = 0.611 W/kg



0 dB = 0.611 W/kg = -2.52 dBW/kg

Date: 2024/1/10

2004_WLAN 5 GHz_802.11ac VHT80_Top Side_0mm_Ch58_ANT Aux

DUT: FM101-GL

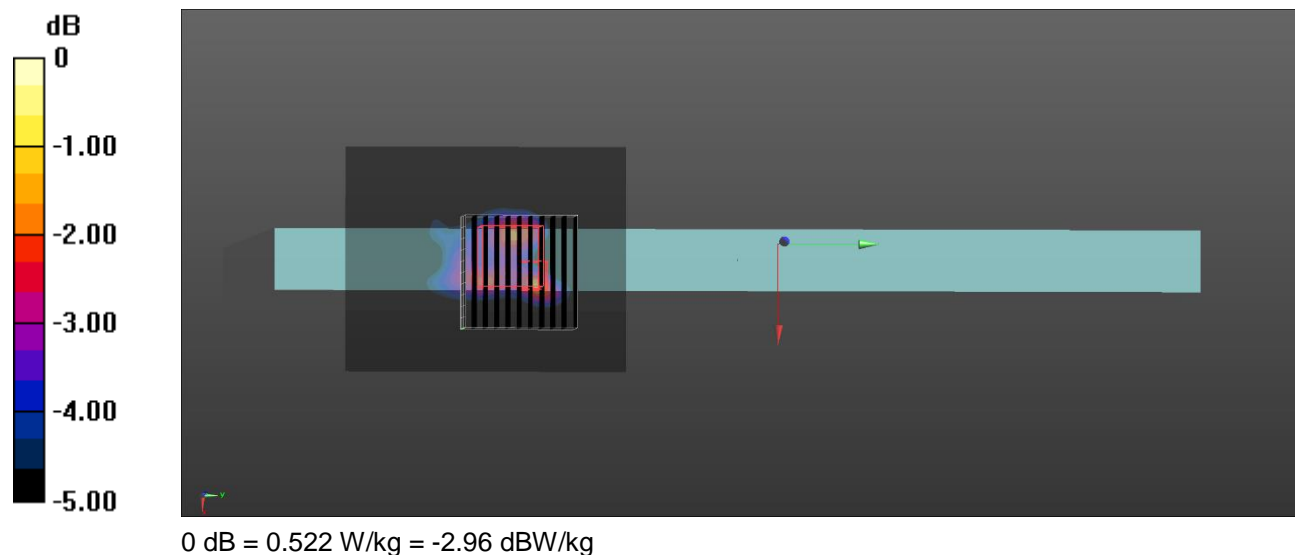
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5290 MHz;Duty Cycle: 1:1.028
Medium parameters used: $f = 5290$ MHz; $\sigma = 4.64$ S/m; $\epsilon_r = 35.446$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(5.24, 5.27, 5.14) @ 5290 MHz; Calibrated: 2023/3/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.348 W/kg

Zoom Scan (11x11x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.144 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.831 W/kg
SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.041 W/kg
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 66.3%
Maximum value of SAR (measured) = 0.522 W/kg



Date: 2024/1/10

2005_WLAN 5 GHz_802.11ac VHT80_Top Side_0mm_Ch106_ANT Main

DUT: FM101-GL

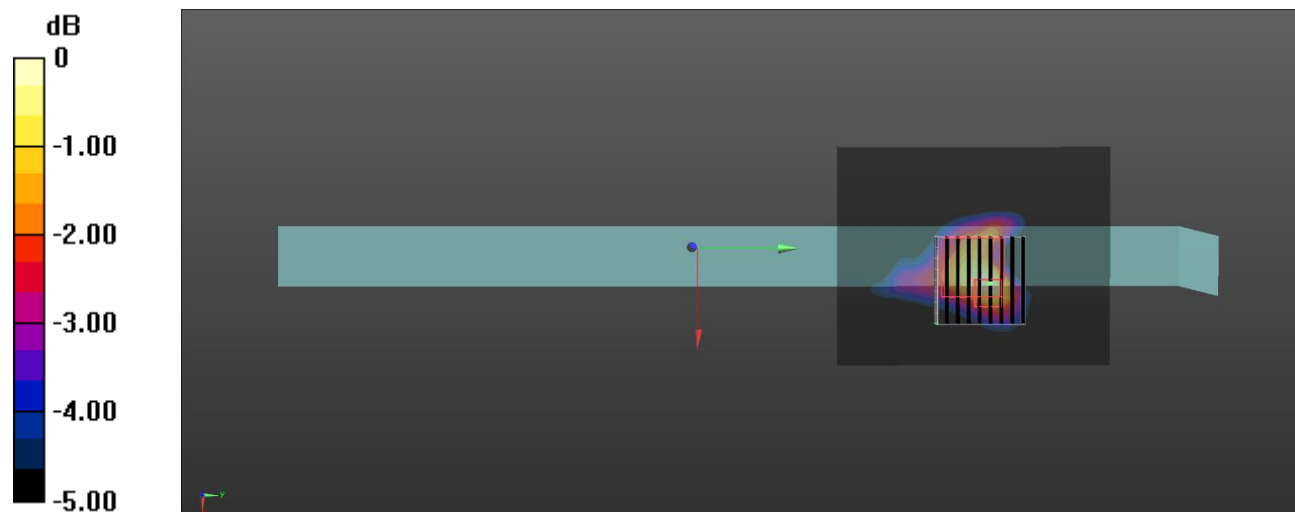
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5530 MHz;Duty Cycle: 1:1.028
Medium parameters used: $f = 5530$ MHz; $\sigma = 4.877$ S/m; $\epsilon_r = 35.182$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.5, 4.5, 4.41) @ 5530 MHz; Calibrated: 2023/3/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.493 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.142 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.855 W/kg
SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.071 W/kg
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 64.5%
Maximum value of SAR (measured) = 0.512 W/kg



0 dB = 0.512 W/kg = -3.01 dBW/kg

Date: 2024/1/10

2006_WLAN 5 GHz_802.11ac VHT80_Top Side_0mm_Ch106_ANT Aux

DUT: FM101-GL

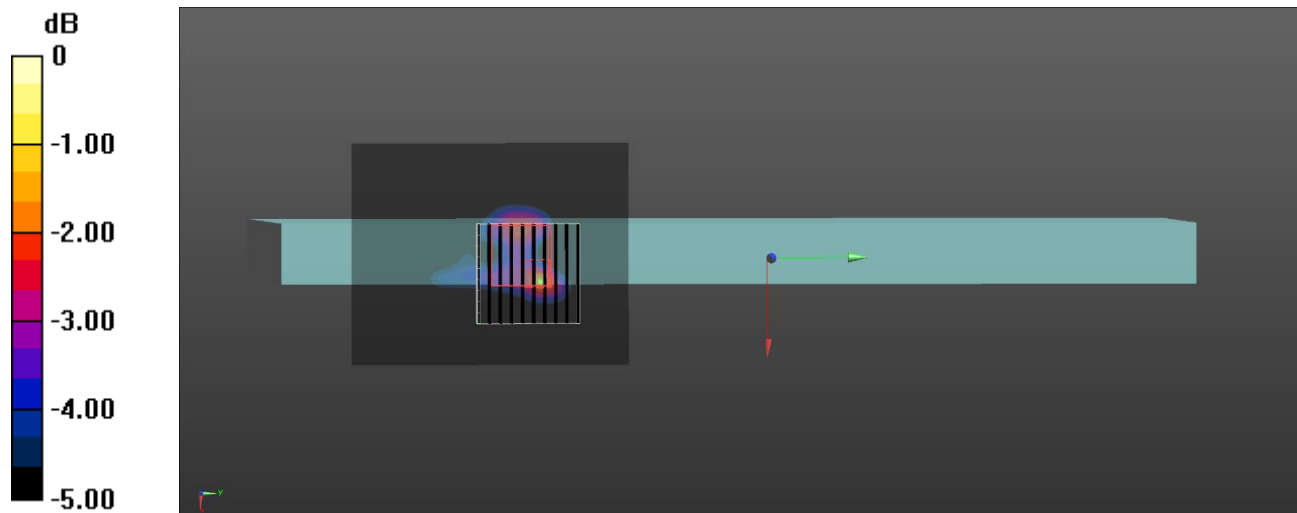
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5530 MHz;Duty Cycle: 1:1.028
 Medium parameters used: $f = 5530$ MHz; $\sigma = 4.877$ S/m; $\epsilon_r = 35.182$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.5, 4.5, 4.41) @ 5530 MHz; Calibrated: 2023/3/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.517 W/kg

Zoom Scan (10x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 8.258 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.039 W/kg
 Smallest distance from peaks to all points 3 dB below = 4.7 mm
 Ratio of SAR at M2 to SAR at M1 = 66.8%
 Maximum value of SAR (measured) = 0.672 W/kg



0 dB = 0.672 W/kg = -1.21 dBW/kg

Date: 2024/1/10

2007_WLAN 5 GHz_802.11n HT40_Top Side_0mm_Ch159_ANT Main

DUT: FM101-GL

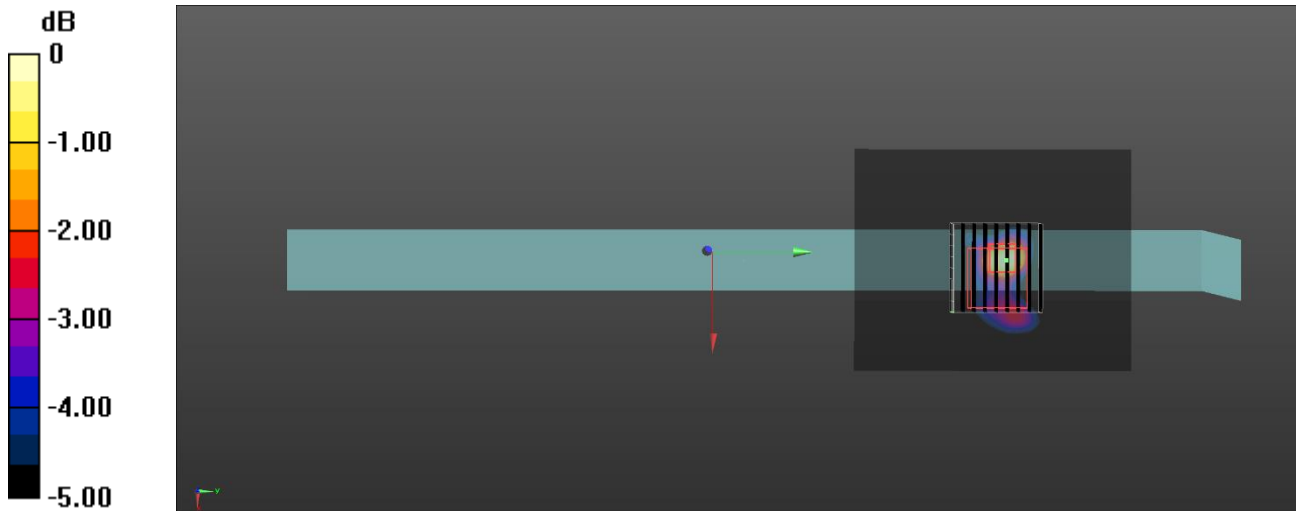
Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0); Frequency: 5795 MHz;Duty Cycle: 1:1.017
Medium parameters used: $f = 5795$ MHz; $\sigma = 5.163$ S/m; $\epsilon_r = 34.628$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.62, 4.66, 4.53) @ 5795 MHz; Calibrated: 2023/3/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.693 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.84 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.051 W/kg
Smallest distance from peaks to all points 3 dB below = 4.2 mm
Ratio of SAR at M2 to SAR at M1 = 58.6%
Maximum value of SAR (measured) = 0.538 W/kg



0 dB = 0.538 W/kg = -1.82 dBW/kg

Date: 2024/1/10

2008_WLAN 5 GHz_802.11n HT40_Top Side_0mm_Ch159_ANT Aux

DUT: FM101-GL

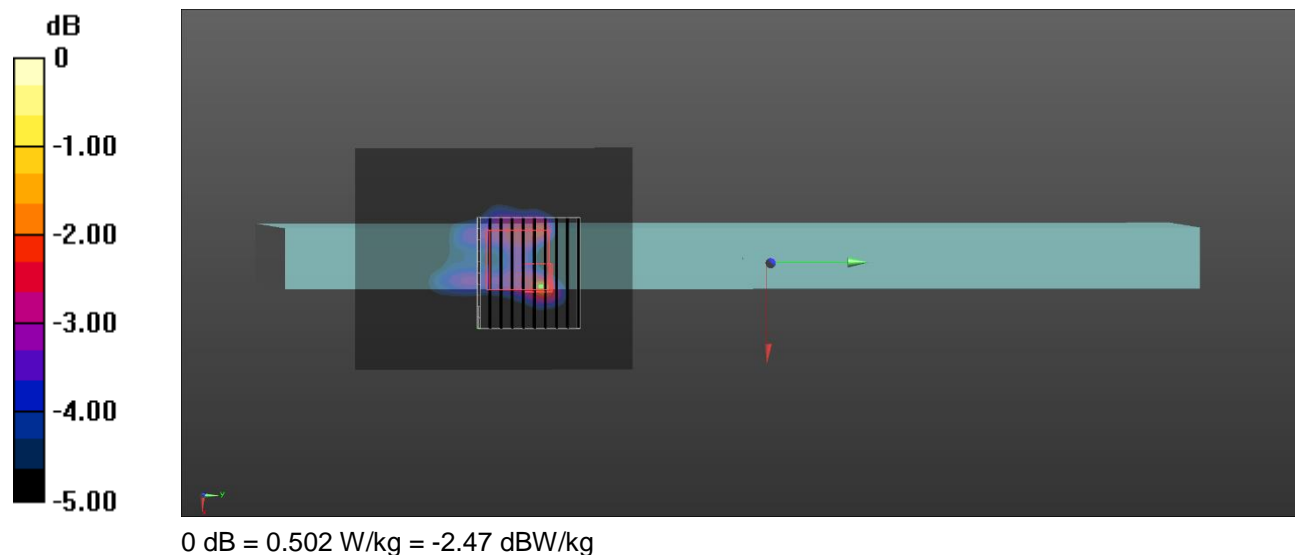
Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0); Frequency: 5795 MHz;Duty Cycle: 1:1.017
Medium parameters used: $f = 5795$ MHz; $\sigma = 5.163$ S/m; $\epsilon_r = 34.628$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.62, 4.66, 4.53) @ 5795 MHz; Calibrated: 2023/3/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.398 W/kg

Zoom Scan (11x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.542 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.970 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.038 W/kg
Smallest distance from peaks to all points 3 dB below = 4.7 mm
Ratio of SAR at M2 to SAR at M1 = 62.2%
Maximum value of SAR (measured) = 0.502 W/kg



Date: 2024/1/10

2009_WLAN 5 GHz_802.11ac_VHT160_Top Side_0mm_Ch163_ANT Main

DUT: FM101-GL

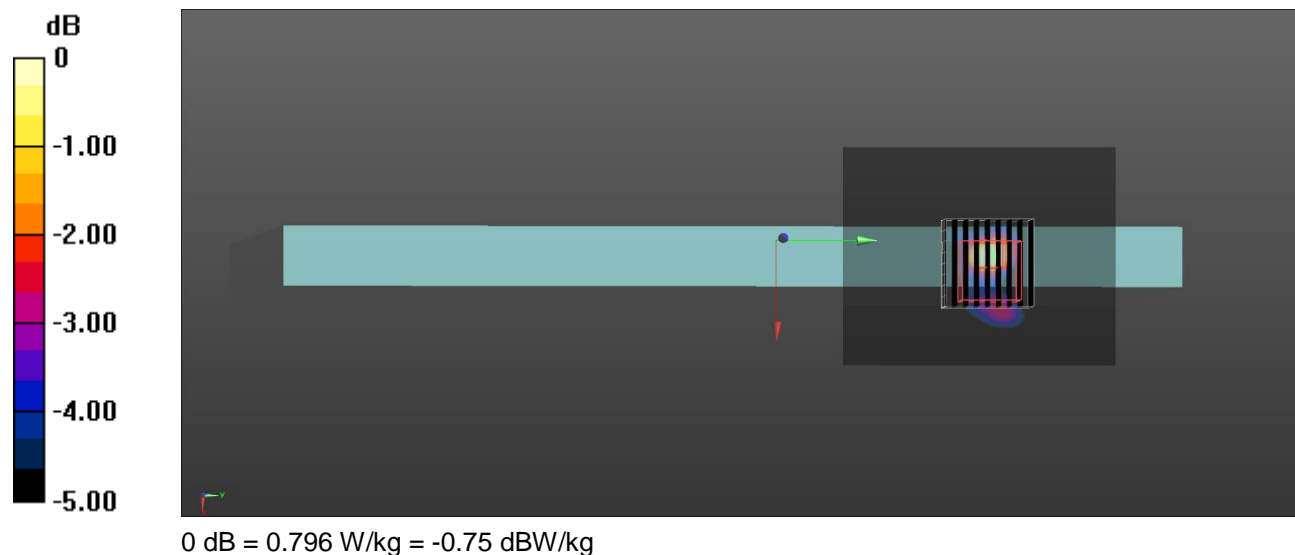
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5815 MHz;Duty Cycle: 1:1.017
 Medium parameters used: $f = 5815 \text{ MHz}$; $\sigma = 5.125 \text{ S/m}$; $\epsilon_r = 34.643$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.62, 4.66, 4.53) @ 5815 MHz; Calibrated: 2023/3/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.931 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 15.16 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.110 W/kg
 Smallest distance from peaks to all points 3 dB below = 4.4 mm
 Ratio of SAR at M2 to SAR at M1 = 60.2%
 Maximum value of SAR (measured) = 0.796 W/kg



Date: 2024/1/10

2010_WLAN 5 GHz_802.11ac VHT160_Top Side_0mm_Ch163_ANT Aux

DUT: FM101-GL

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5815 MHz;Duty Cycle: 1:1.017
 Medium parameters used: $f = 5815$ MHz; $\sigma = 5.125$ S/m; $\epsilon_r = 34.643$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.62, 4.66, 4.53) @ 5815 MHz; Calibrated: 2023/3/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.653 W/kg

Zoom Scan (11x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 9.112 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.089 W/kg
 Smallest distance from peaks to all points 3 dB below = 4.3 mm
 Ratio of SAR at M2 to SAR at M1 = 60%
 Maximum value of SAR (measured) = 0.628 W/kg

