

Appendix C - Highest Measurement Plots

Date: 2024/1/18

15_WCDMA Band II_RMC12.2kbps_Rear Face_0mm_Ch9262_ANT Main_P-Sensor_w

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; $\sigma = 1.395$ S/m; $\epsilon_r = 41.417$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5

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 - SN3977; ConvF(8.06, 7.55, 8.06) @ 1852.4 MHz; Calibrated: 2023/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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) = 1.20 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 25.43 V/m; Power Drift = 0.01 dB

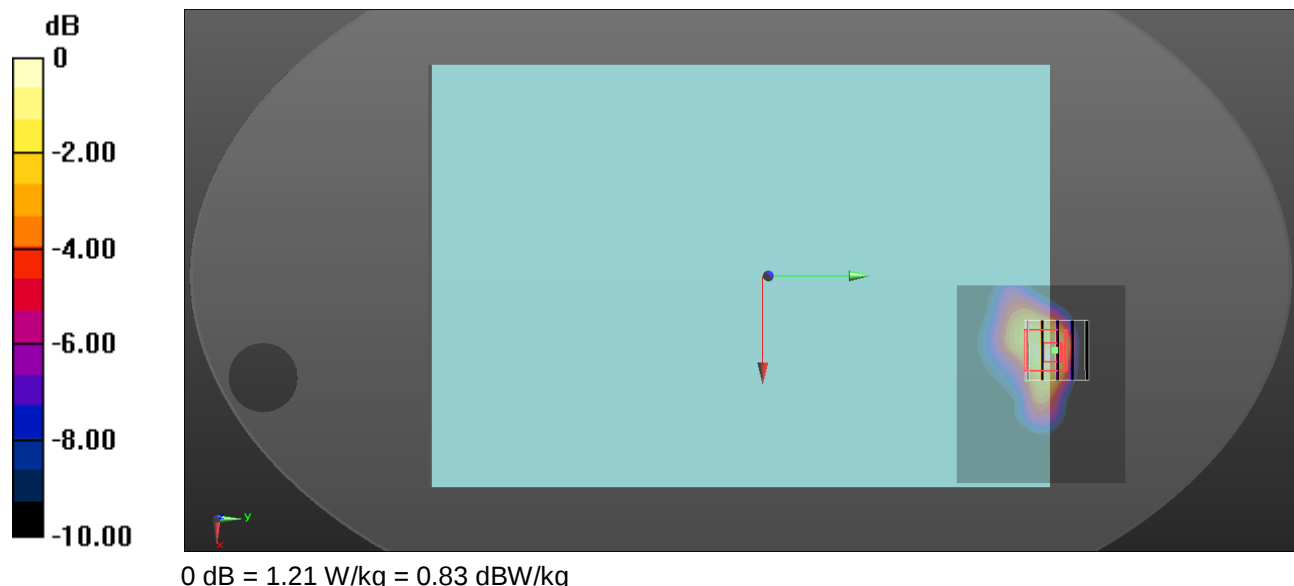
Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.408 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 51.4%

Maximum value of SAR (measured) = 1.21 W/kg



Date: 2024/1/16

32_WCDMA Band IV_RMC12.2kbps_Rear Face_0mm_Ch1312_ANT Main_P-Sensor_w

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; $\sigma = 1.318$ S/m; $\epsilon_r = 41.738$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5

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 - SN3977; ConvF(8.46, 7.94, 8.46) @ 1712.4 MHz; Calibrated: 2023/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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) = 0.998 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 24.63 V/m; Power Drift = -0.14 dB

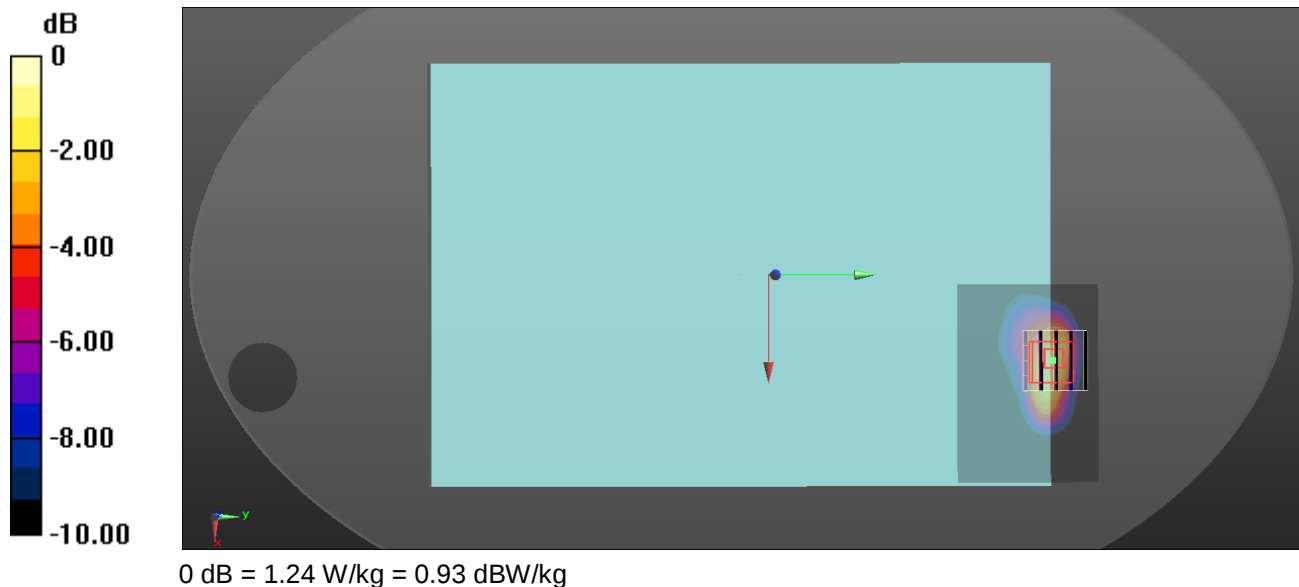
Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.394 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 51.5%

Maximum value of SAR (measured) = 1.24 W/kg



Date: 2024/1/14

53_WCDMA Band V_RMC12.2kbps_Bottom of laptop_0mm_Ch4233_ANT Main_P-Sensor_w

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; $\sigma = 0.885$ S/m; $\epsilon_r = 43.528$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5

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 - SN3977; ConvF(9.65, 9.15, 9.53) @ 846.6 MHz; Calibrated: 2023/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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) = 1.20 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 31.29 V/m; Power Drift = -0.04 dB

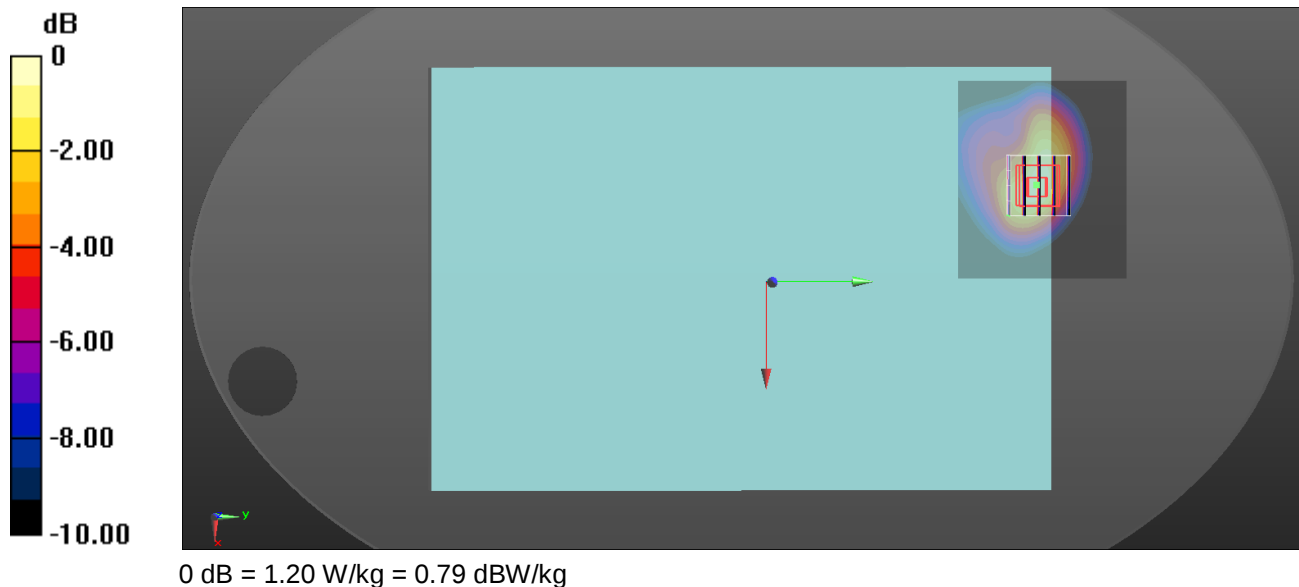
Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.800 W/kg; SAR(10 g) = 0.465 W/kg

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 56.1%

Maximum value of SAR (measured) = 1.20 W/kg



Date: 2024/1/17

703_LTE Band 4_QPSK20M_Bottom of laptop_0mm_Ch20050_1RB_0offset_ANT Main_P-Sensor_w

DUT: FM101-GL

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 41.781$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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 - SN3977; ConvF(8.46, 7.94, 8.46) @ 1720 MHz; Calibrated: 2023/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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) = 1.20 W/kg

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

Reference Value = 28.78 V/m; Power Drift = 0.00 dB

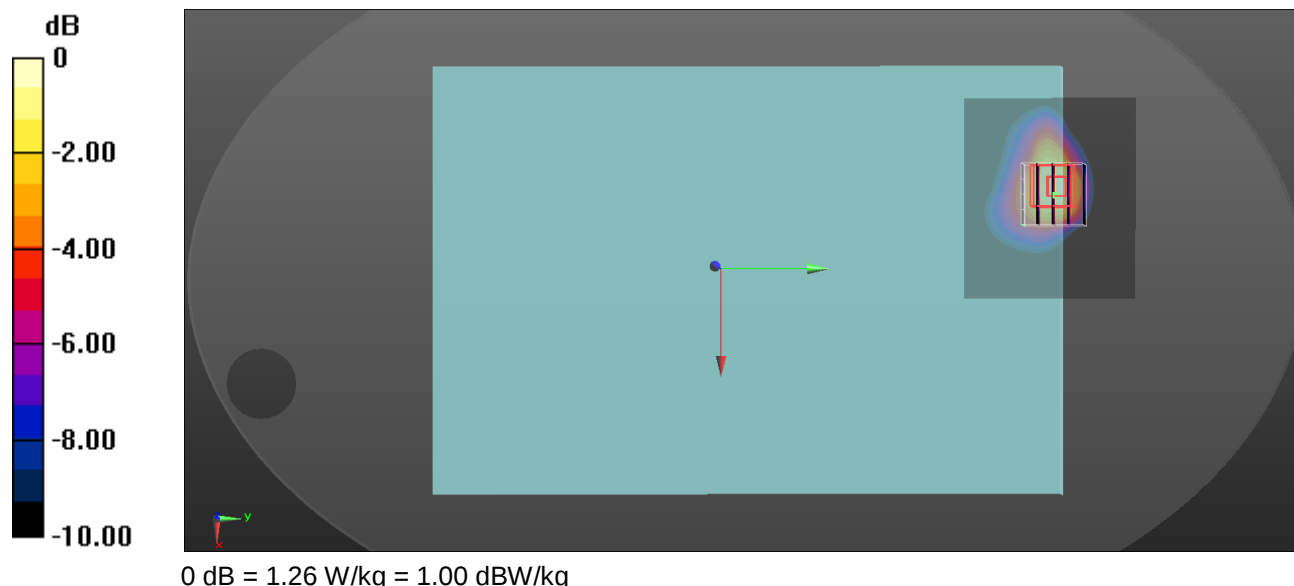
Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.83 W/kg; SAR(10 g) = 0.457 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 54.5%

Maximum value of SAR (measured) = 1.26 W/kg



Date: 2024/1/14

723_LTE Band 5_QPSK10M_Bottom of laptop_0mm_Ch20450_1RB_0offset_ANT Main_P-Sensor_w

DUT: FM101-GL

Communication System: UID 0, Generic LTE (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 829$ MHz; $\sigma = 0.877$ S/m; $\epsilon_r = 43.561$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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 - SN3977; ConvF(9.65, 9.15, 9.53) @ 829 MHz; Calibrated: 2023/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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 = 30.17 V/m; Power Drift = -0.18 dB

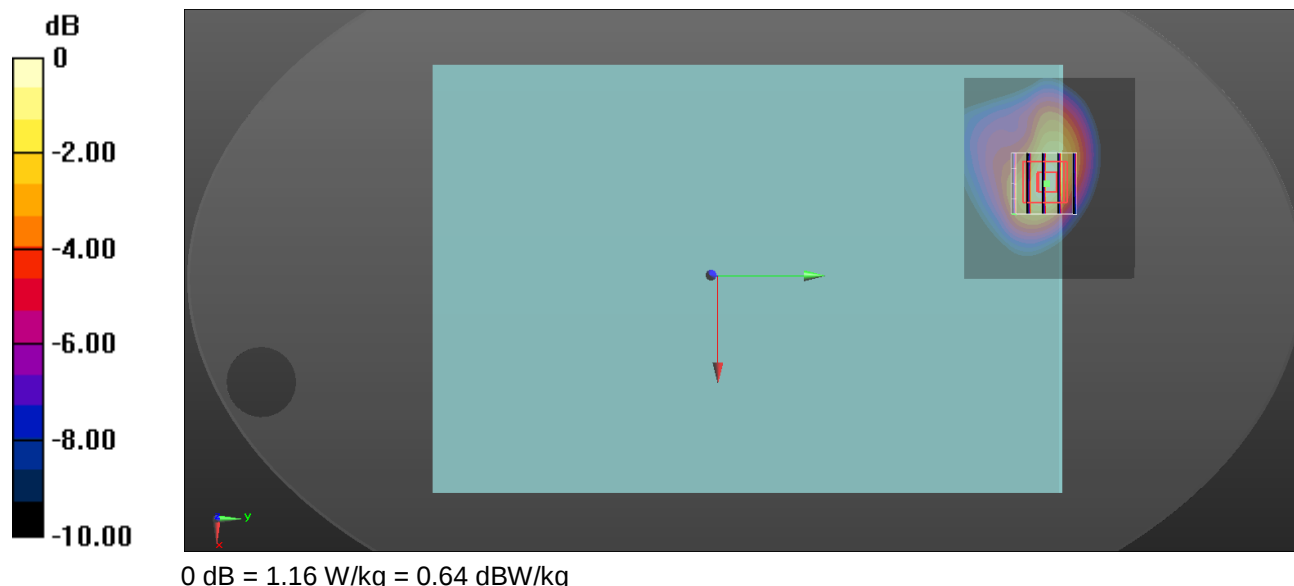
Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.433 W/kg

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 55.6%

Maximum value of SAR (measured) = 1.16 W/kg



Date: 2024/1/20

168_LTE Band 7_QPSK20M_Rear Face_0mm_Ch21350_1RB_0offset_ANT Main_P-Sensor_w

DUT: FM101-GL

Communication System: UID 0, Generic LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.883$ S/m; $\epsilon_r = 40.417$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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 - SN3977; ConvF(7.33, 7.04, 7.58) @ 2560 MHz; Calibrated: 2023/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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) = 1.29 W/kg

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

Reference Value = 27.35 V/m; Power Drift = -0.12 dB

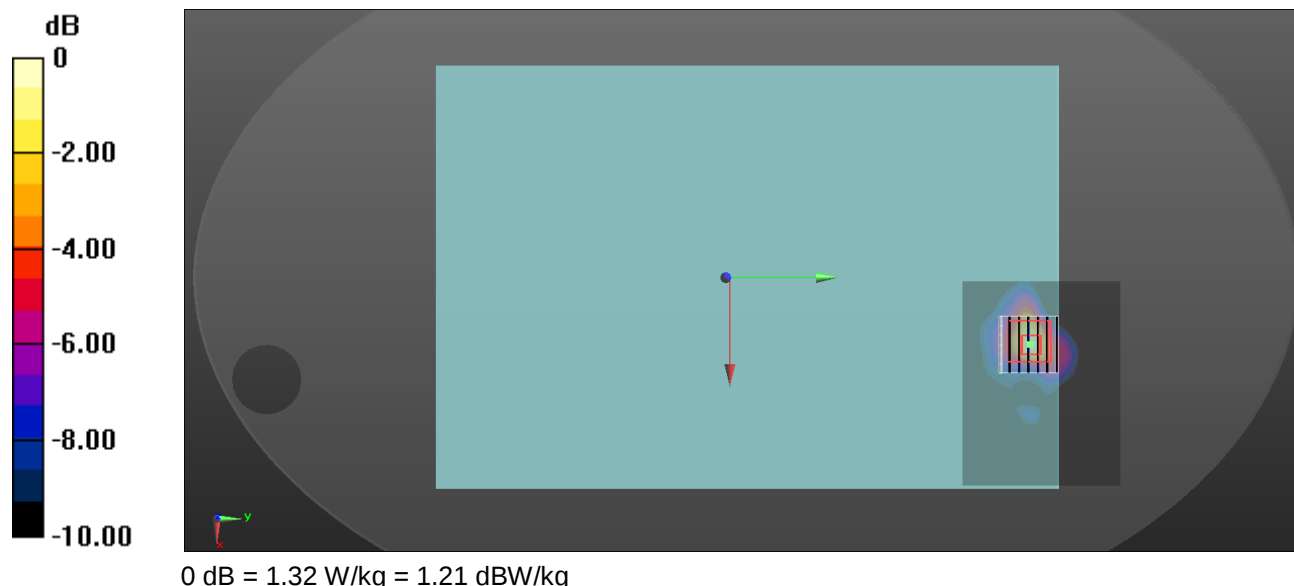
Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.305 W/kg

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 44.9%

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



Date: 2024/1/12

785_LTE Band 12_QPSK10M_Bottom of laptop_0mm_Ch23130_1RB_0offset_ANT Main_P-Sensor_w

DUT: FM101-GL

Communication System: UID 0, Generic LTE (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711$ MHz; $\sigma = 0.834$ S/m; $\epsilon_r = 43.981$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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 - SN3977; ConvF(9.74, 9.13, 9.41) @ 711 MHz; Calibrated: 2023/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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) = 1.24 W/kg

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

Reference Value = 35.83 V/m; Power Drift = -0.15 dB

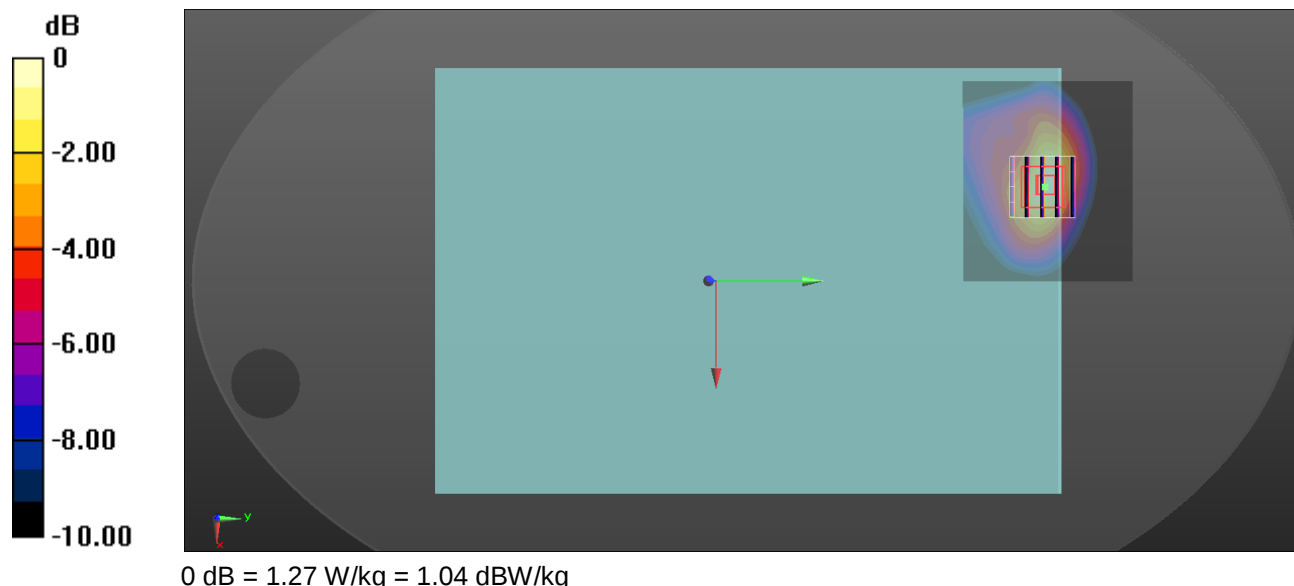
Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.470 W/kg

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 53.6%

Maximum value of SAR (measured) = 1.27 W/kg



Date: 2024/1/12

229_LTE Band 13_QPSK10M_Bottom of laptop_0mm_Ch23230_1RB_0offset_ANT Main_P-Sensor_w

DUT: FM101-GL

Communication System: UID 0, Generic LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.858 \text{ S/m}$; $\epsilon_r = 43.744$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5

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 - SN3977; ConvF(9.74, 9.13, 9.41) @ 782 MHz; Calibrated: 2023/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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) = 1.20 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.22 V/m; Power Drift = -0.19 dB

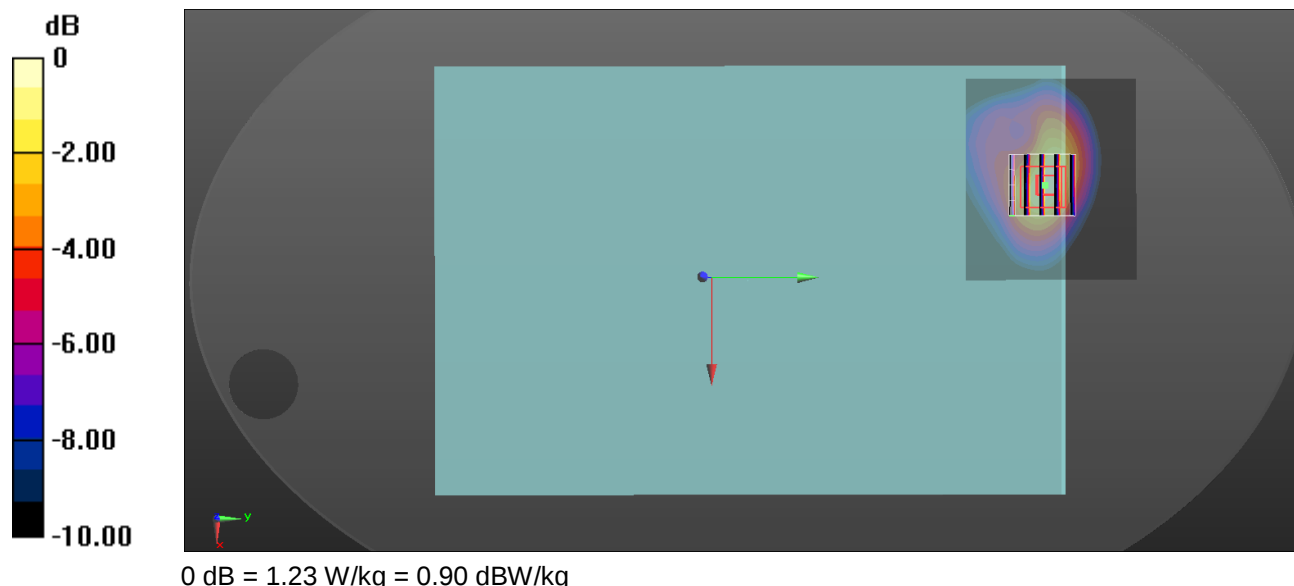
Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.468 W/kg

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 56.4%

Maximum value of SAR (measured) = 1.23 W/kg



Date: 2024/1/13

259_LTE Band 14_QPSK10M_Bottom of laptop_0mm_Ch23330_1RB_0offset_ANT Main_P-Sensor_w

DUT: FM101-GL

Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 793$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 43.711$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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 - SN3977; ConvF(9.74, 9.13, 9.41) @ 793 MHz; Calibrated: 2023/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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) = 1.01 W/kg

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

Reference Value = 29.49 V/m; Power Drift = -0.18 dB

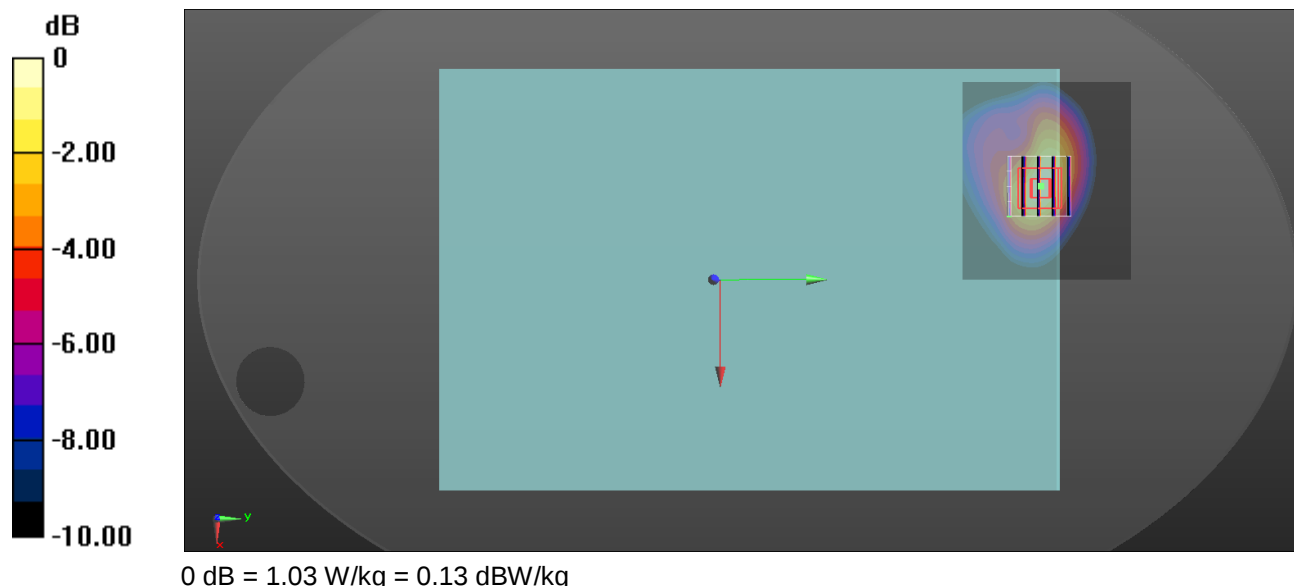
Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.395 W/kg

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 56.3%

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



Date: 2024/1/18

803_LTE Band 25_QPSK20M_Bottom of laptop_0mm_Ch26140_1RB_0offset_ANT Main_P-Sensor_w

DUT: FM101-GL

Communication System: UID 0, Generic LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.4$ S/m; $\epsilon_r = 41.406$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(8.06, 7.55, 8.06) @ 1860 MHz; Calibrated: 2023/3/21
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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) = 1.33 W/kg

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

Reference Value = 27.85 V/m; Power Drift = 0.04 dB

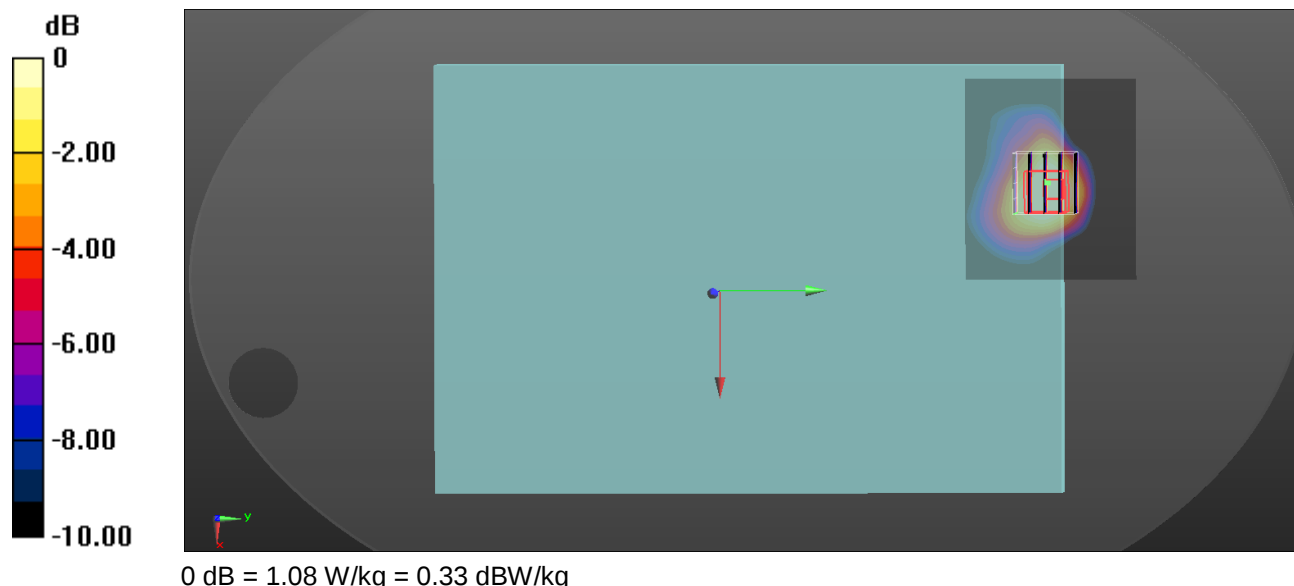
Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.766 W/kg; SAR(10 g) = 0.449 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 51.7%

Maximum value of SAR (measured) = 1.08 W/kg



Date: 2024/1/15

833_LTE Band 26_QPSK15M_Bottom of laptop_0mm_Ch26765_1RB_0offset_ANT Main_P-Sensor_w

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; $\sigma = 0.871$ S/m; $\epsilon_r = 43.494$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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 - SN3977; ConvF(9.65, 9.15, 9.53) @ 821.5 MHz; Calibrated: 2023/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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 = 30.51 V/m; Power Drift = -0.17 dB

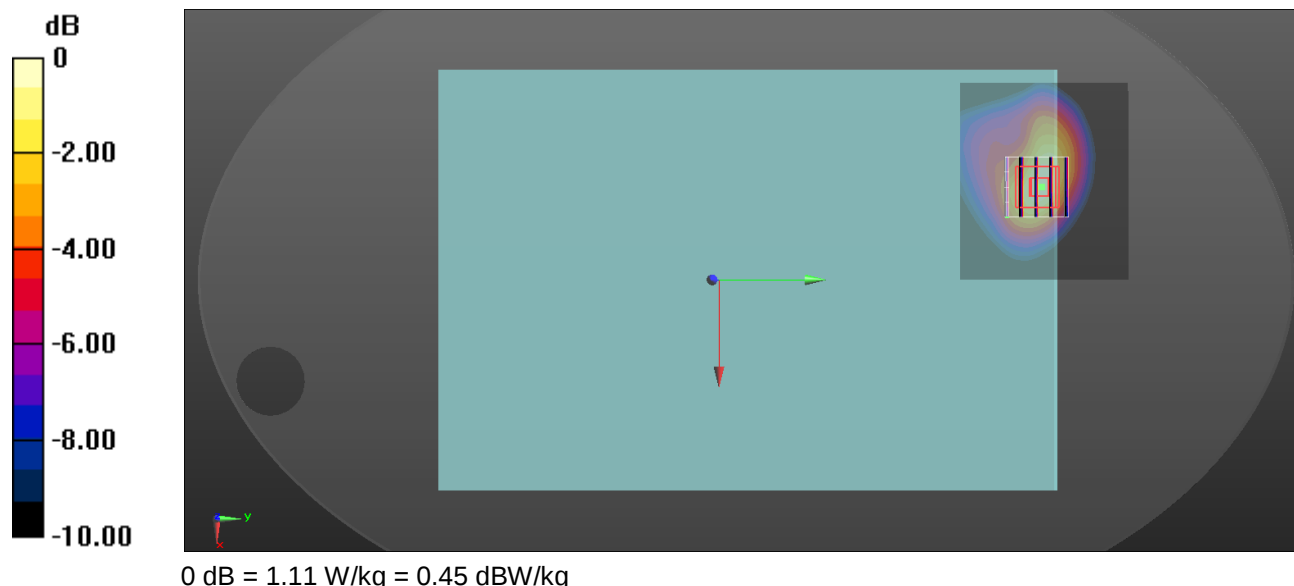
Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.439 W/kg

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 56.5%

Maximum value of SAR (measured) = 1.11 W/kg



Date: 2024/1/19

864_LTE Band 30_QPSK10M_Rear Face_0mm_Ch27710_1RB_0offset_ANT Main_P-Sensor_w

DUT: FM101-GL

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2310$ MHz; $\sigma = 1.705$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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 - SN3977; ConvF(8.02, 7.51, 8.06) @ 2310 MHz; Calibrated: 2023/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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) = 1.29 W/kg

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

Reference Value = 27.81 V/m; Power Drift = -0.12 dB

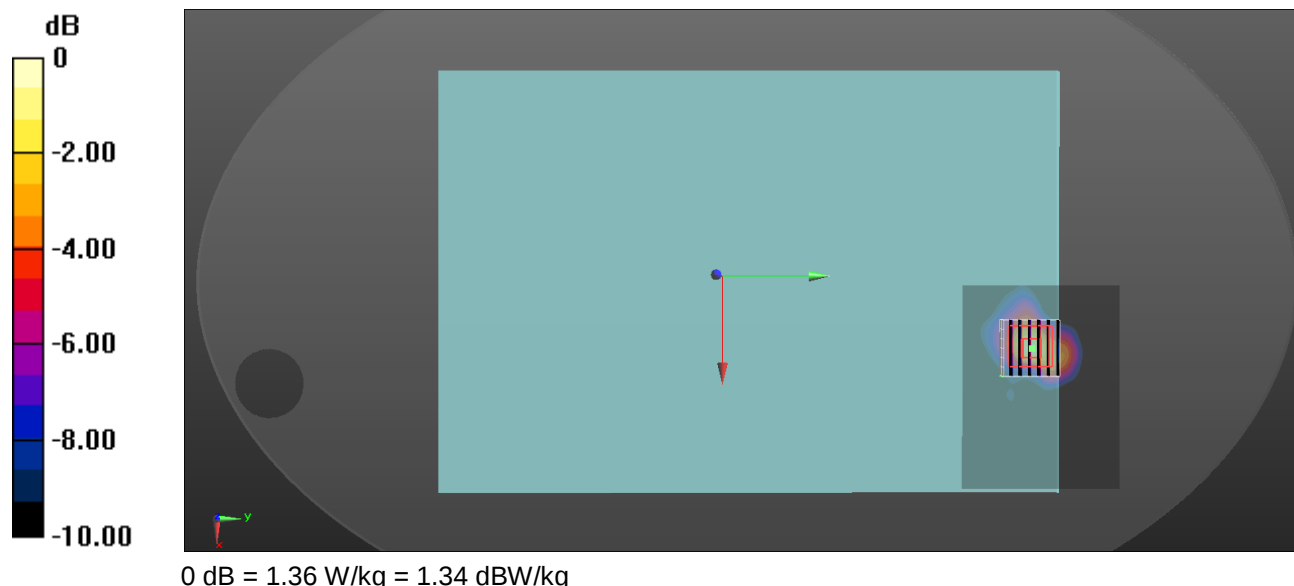
Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.340 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 48.4%

Maximum value of SAR (measured) = 1.36 W/kg



Date: 2024/1/21

890_LTE Band 38_QPSK20M_Rear Face_0mm_Ch38150_1RB_0offset_ANT Main_P-Sensor_w

DUT: FM101-GL

Communication System: UID 0, Generic LTE (0); Frequency: 2610 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2610$ MHz; $\sigma = 1.914$ S/m; $\epsilon_r = 40.25$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5

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 - SN3977; ConvF(7.33, 7.04, 7.58) @ 2610 MHz; Calibrated: 2023/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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) = 1.22 W/kg

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

Reference Value = 27.19 V/m; Power Drift = 0.02 dB

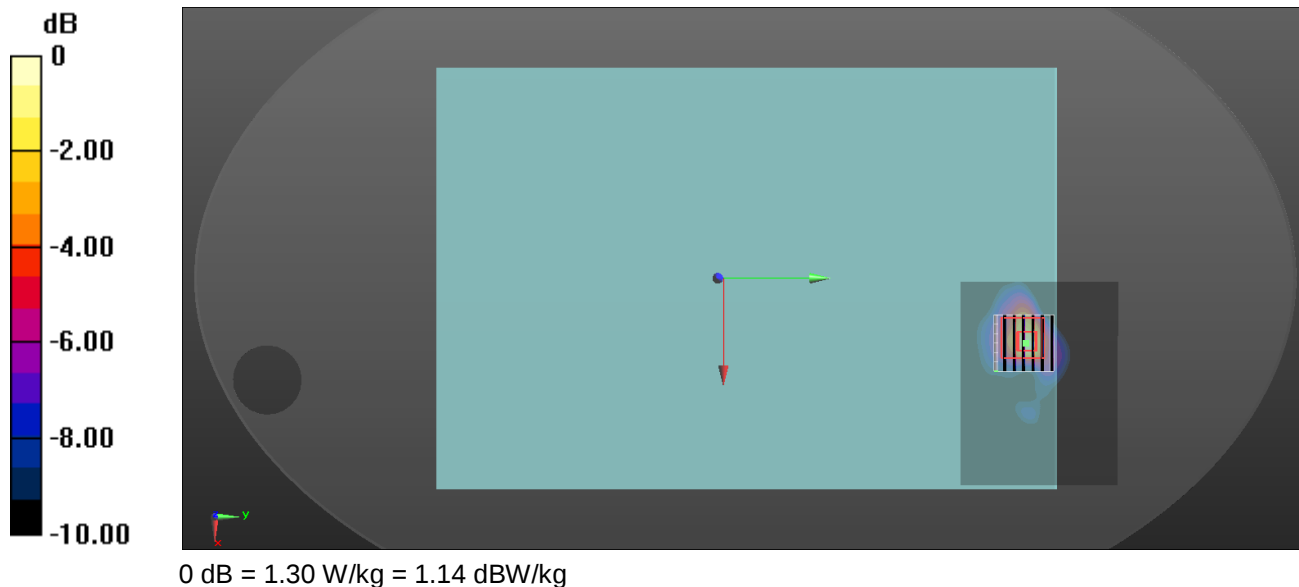
Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.302 W/kg

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 44.2%

Maximum value of SAR (measured) = 1.30 W/kg



Date: 2024/1/22

936_LTE Band 41_QPSK20M_Rear Face_0mm_Ch41490_1RB_0offset_ANT Main_P-Sensor_w

DUT: FM101-GL

Communication System: UID 0, Generic LTE (0); Frequency: 2680 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2680$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 40.259$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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 - SN3977; ConvF(7.33, 7.04, 7.58) @ 2680 MHz; Calibrated: 2023/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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) = 1.77 W/kg

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

Reference Value = 28.18 V/m; Power Drift = -0.02 dB

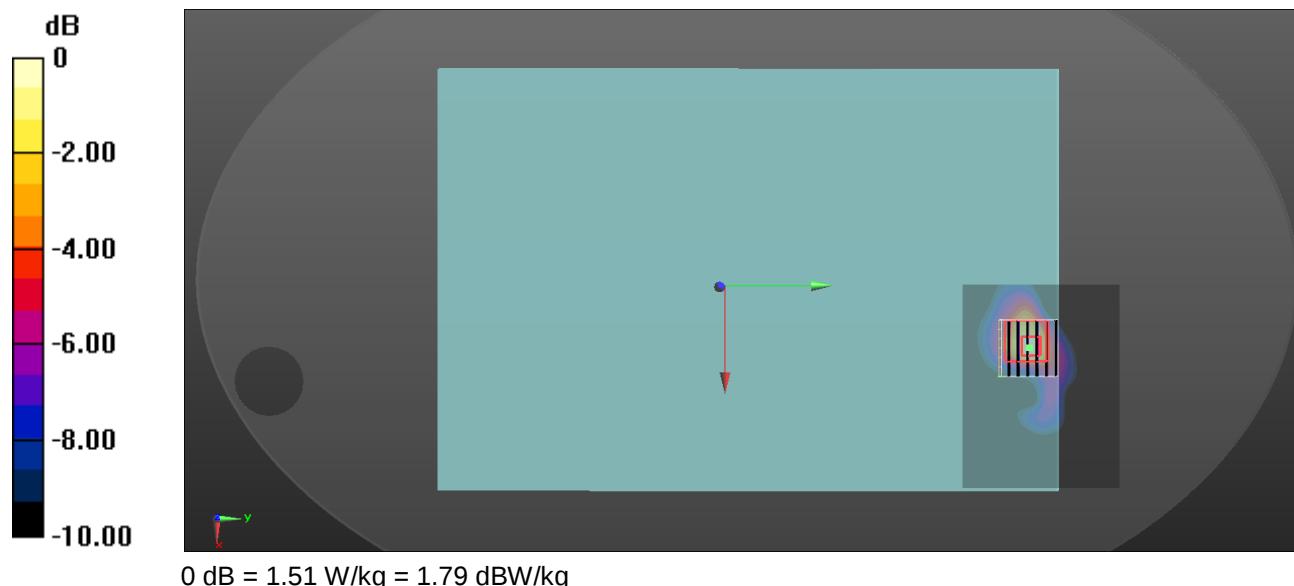
Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.796 W/kg; SAR(10 g) = 0.328 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 44.3%

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



Date: 2024/1/23

1035_LTE Band 48_QPSK20M_Rear Face_0mm_Ch55340_1RB_0offset_ANT Main_P-Sensor_w

DUT: FM101-GL

Communication System: UID 0, Generic LTE (0); Frequency: 3560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3560$ MHz; $\sigma = 2.832$ S/m; $\epsilon_r = 39.517$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB 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: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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) = 1.45 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 19.79 V/m; Power Drift = -0.18 dB

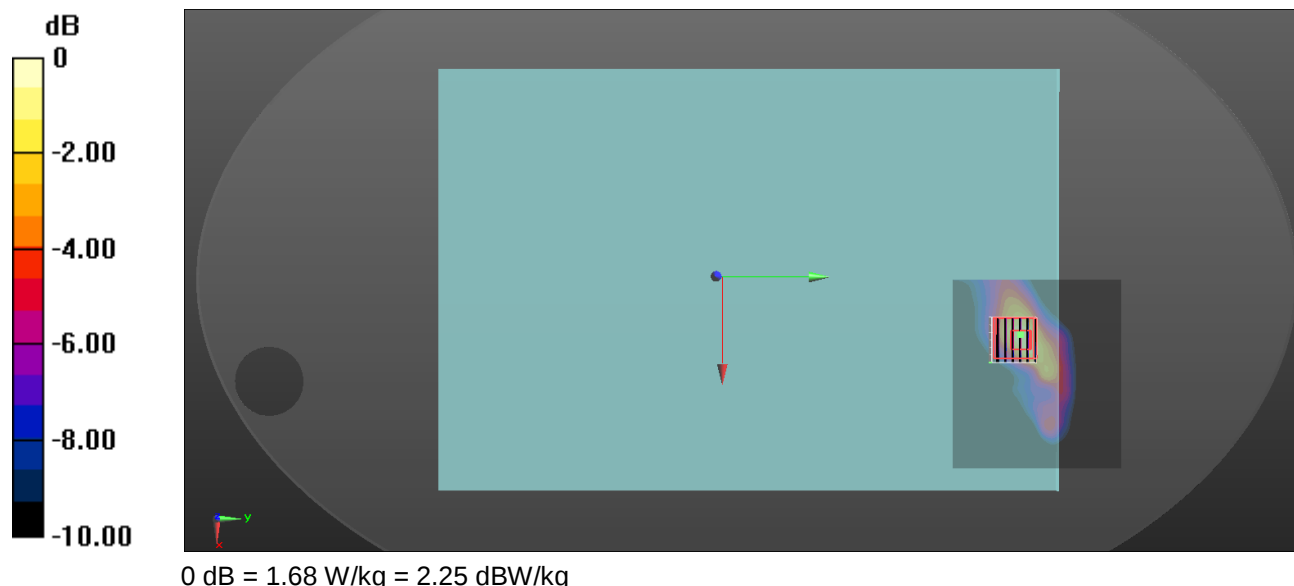
Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 0.862 W/kg; SAR(10 g) = 0.334 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 76.8%

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



Date: 2024/1/17

998_LTE Band 66_QPSK20M_Rear Face_0mm_Ch132072_1RB_0offset_ANT Main_P-Sensor_w

DUT: FM101-GL

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 41.781$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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 - SN3977; ConvF(8.46, 7.94, 8.46) @ 1720 MHz; Calibrated: 2023/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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) = 0.957 W/kg

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

Reference Value = 22.84 V/m; Power Drift = -0.10 dB

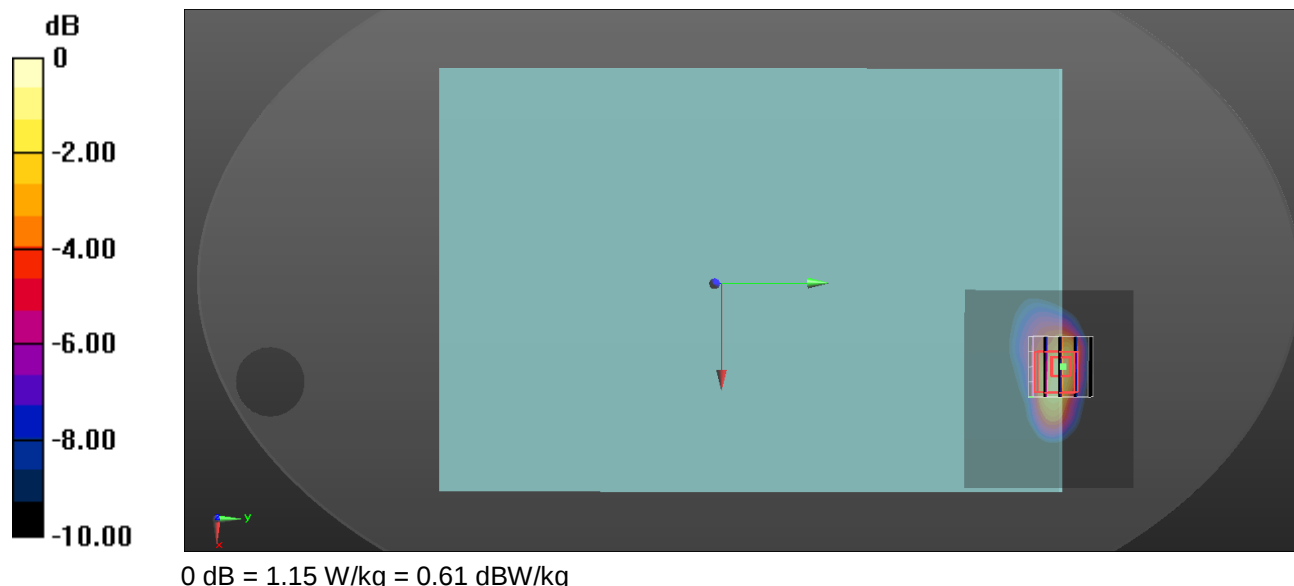
Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.690 W/kg; SAR(10 g) = 0.356 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 49.8%

Maximum value of SAR (measured) = 1.15 W/kg



Date: 2024/1/13

1026_LTE Band 71_QPSK20M_Rear Face_0mm_Ch133322_1RB_0offset_ANT Main_P-Sensor_w

DUT: FM101-GL

Communication System: UID 0, Generic LTE (0); Frequency: 683 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 683$ MHz; $\sigma = 0.826$ S/m; $\epsilon_r = 44.101$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5

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 - SN3977; ConvF(9.74, 9.13, 9.41) @ 683 MHz; Calibrated: 2023/3/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- 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) = 1.39 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 38.58 V/m; Power Drift = 0.06 dB

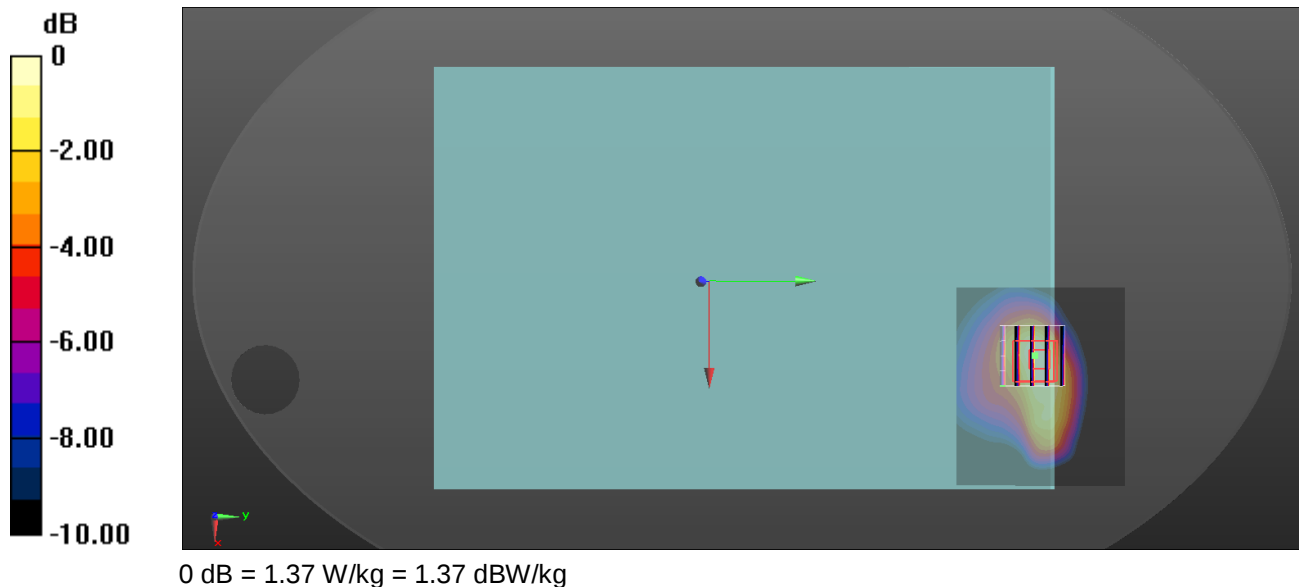
Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.511 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 51.4%

Maximum value of SAR (measured) = 1.37 W/kg



Date: 2024/1/11

2000_WLAN 2.4 GHz_802.11b_Top Side_0mm_Ch6_ANT Main

DUT: FM101-GL

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.008

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.806$ S/m; $\epsilon_r = 39.969$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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) @ 2437 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) = 0.472 W/kg

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

Reference Value = 17.42 V/m; Power Drift = -0.04 dB

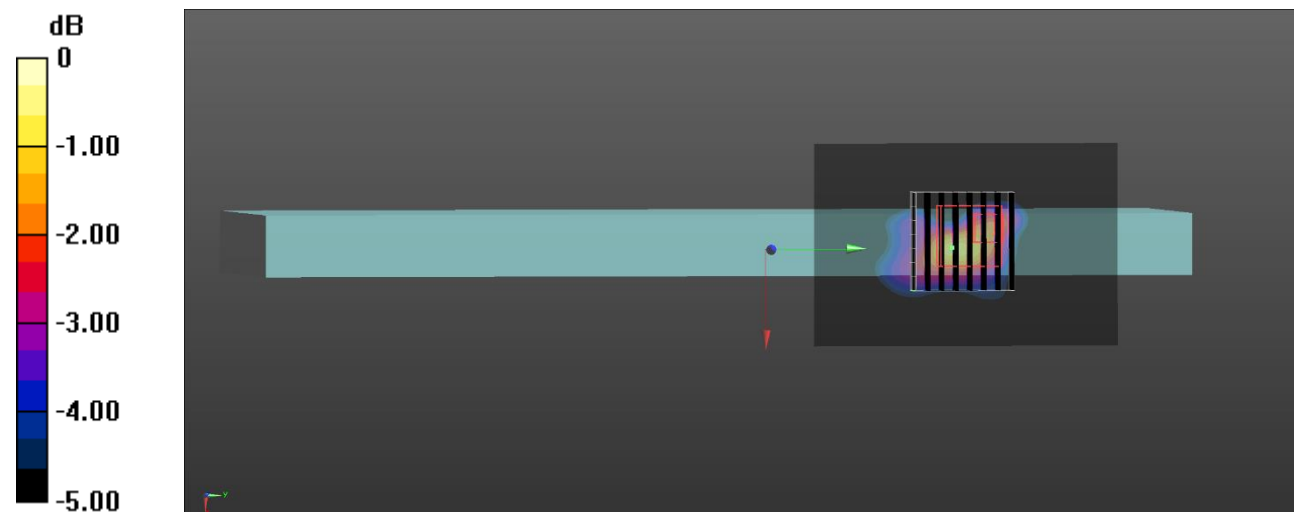
Peak SAR (extrapolated) = 0.952 W/kg

SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.139 W/kg

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 35.2%

Maximum value of SAR (measured) = 0.587 W/kg



0 dB = 0.587 W/kg = -2.28 dBW/kg

Date: 2024/1/11

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: 1:1.007

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.786$ S/m; $\epsilon_r = 40.011$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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) = 0.537 W/kg

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

Reference Value = 18.11 V/m; Power Drift = -0.04 dB

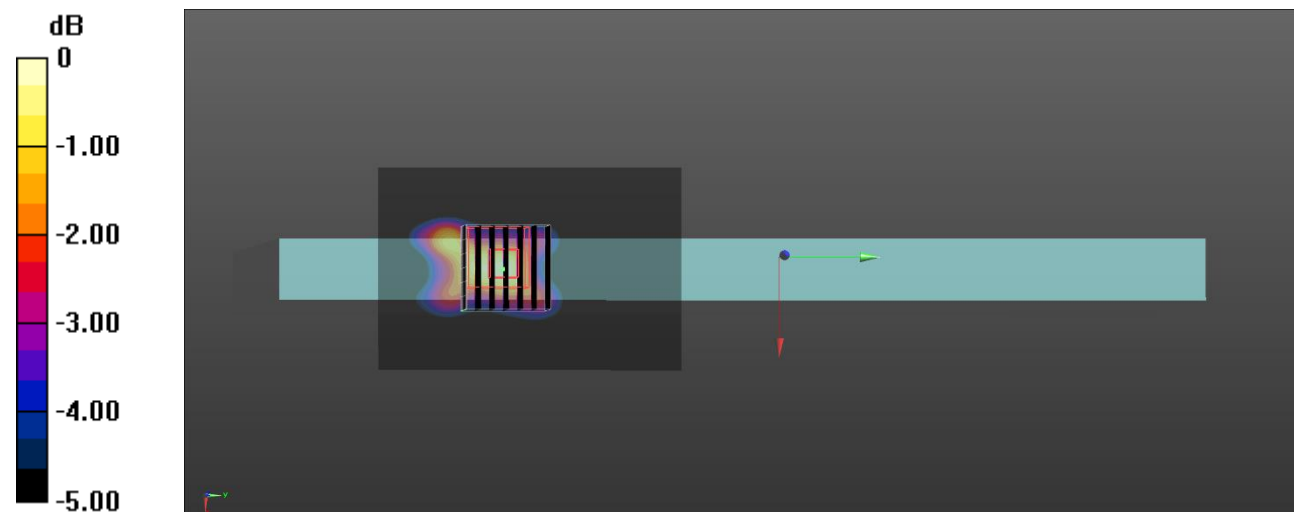
Peak SAR (extrapolated) = 0.915 W/kg

SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.143 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 38.2%

Maximum value of SAR (measured) = 0.638 W/kg



Date: 2024/1/11

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: 1:1.3

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.809$ S/m; $\epsilon_r = 39.961$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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) = 0.0271 W/kg

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

Reference Value = 3.247 V/m; Power Drift = 0.12 dB

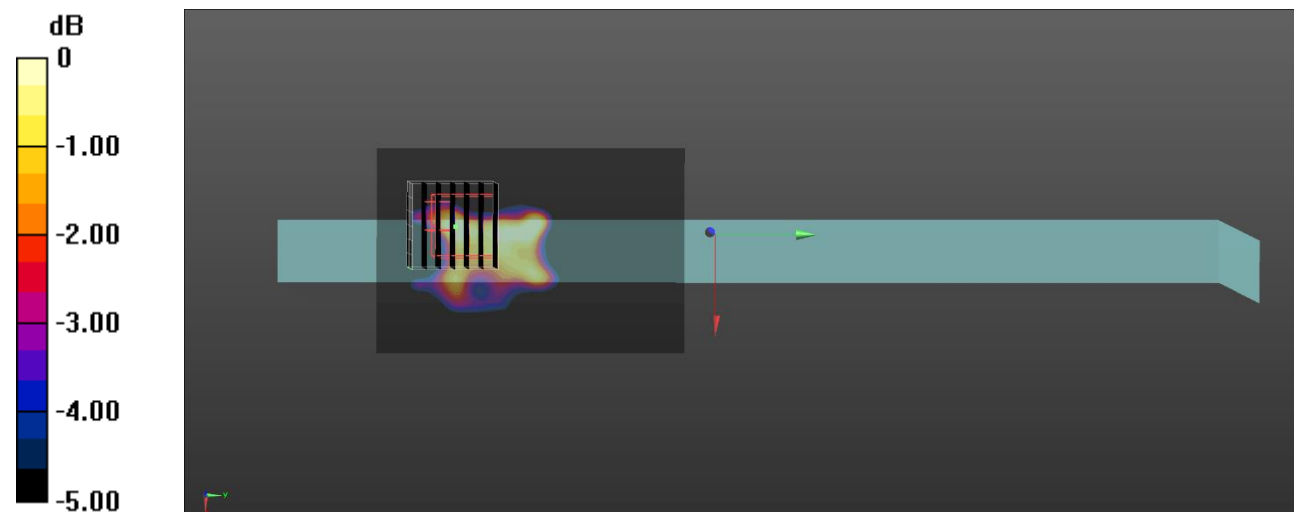
Peak SAR (extrapolated) = 0.0366 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.00892 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 32.5%

Maximum value of SAR (measured) = 0.0211 W/kg



0 dB = 0.0211 W/kg = -16.83 dBW/kg

Date: 2024/1/11

2003_WLAN 5 GHz_802.11ac VHT160_Top Side_0mm_Ch50_ANT Main

DUT: FM101-GL

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5250 MHz;Duty Cycle: 1:1.015

Medium parameters used: $f = 5250$ MHz; $\sigma = 4.6$ S/m; $\epsilon_r = 35.446$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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) @ 5250 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) = 0.558 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.29 V/m; Power Drift = 0.11 dB

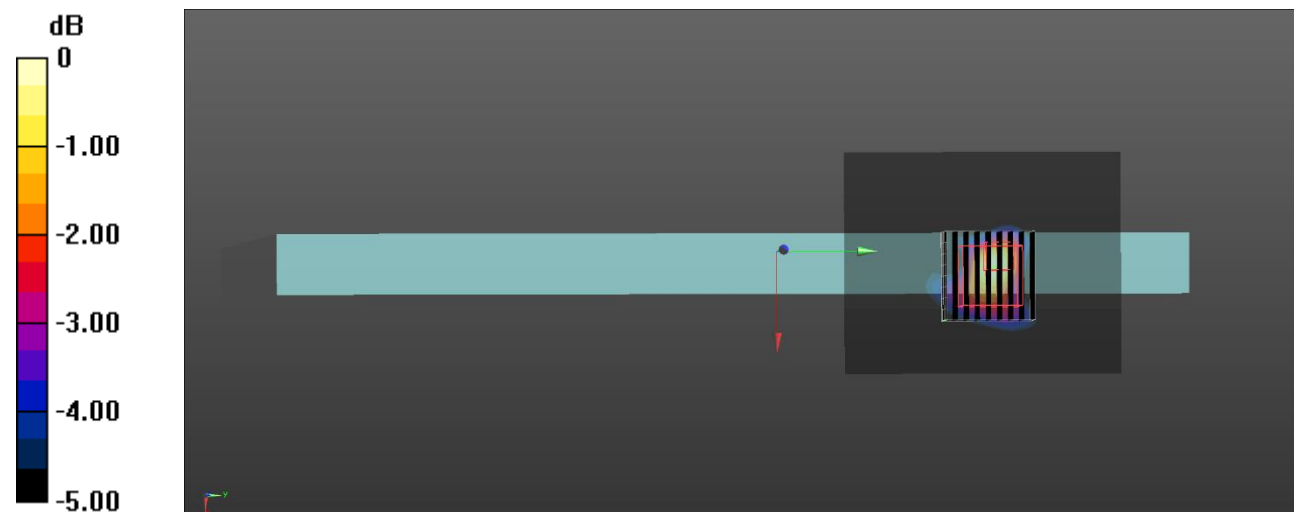
Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.079 W/kg

Smallest distance from peaks to all points 3 dB below = 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 62.1%

Maximum value of SAR (measured) = 0.544 W/kg



0 dB = 0.544 W/kg = -2.61 dBW/kg

Date: 2024/1/11

2004_WLAN 5 GHz_802.11ac VHT160_Top Side_0mm_Ch50_ANT Aux

DUT: FM101-GL

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5250 MHz;Duty Cycle: 1:1.016

Medium parameters used: $f = 5250$ MHz; $\sigma = 4.6$ S/m; $\epsilon_r = 35.446$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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) @ 5250 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) = 0.483 W/kg

Zoom Scan (10x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.412 V/m; Power Drift = -0.06 dB

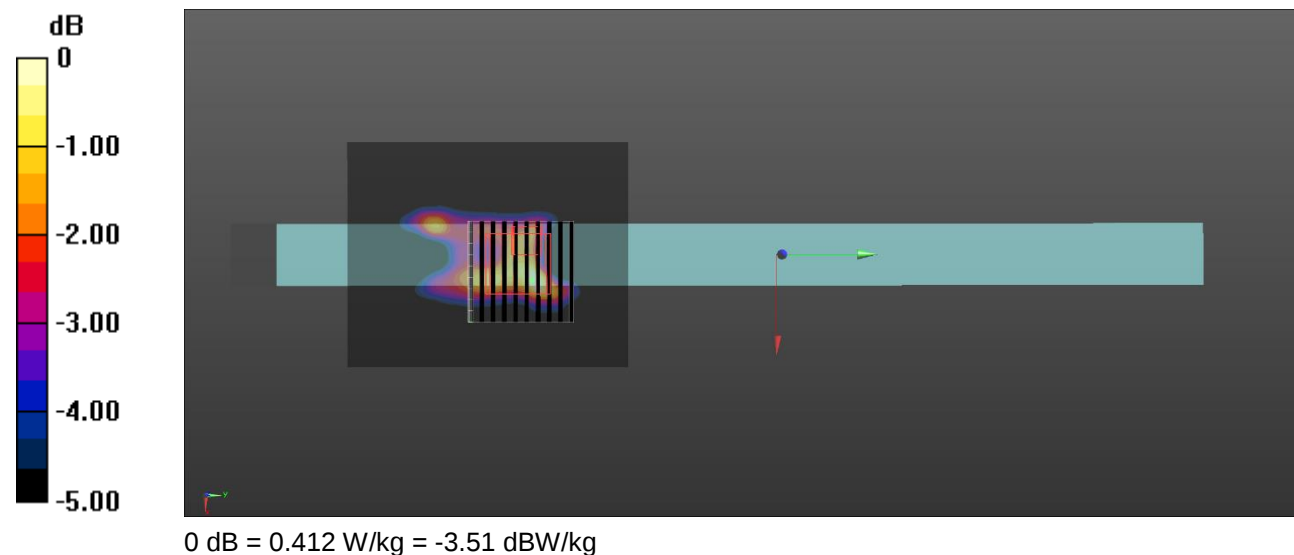
Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.067 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) = 0.412 W/kg



Date: 2024/1/10

2005_WLAN 5 GHz_802.11ac VHT80_Top Side_0mm_Ch138_ANT Main

DUT: FM101-GL

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.031

Medium parameters used: $f = 5690$ MHz; $\sigma = 5.153$ S/m; $\epsilon_r = 34.69$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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) @ 5690 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) = 0.787 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.51 V/m; Power Drift = 0.08 dB

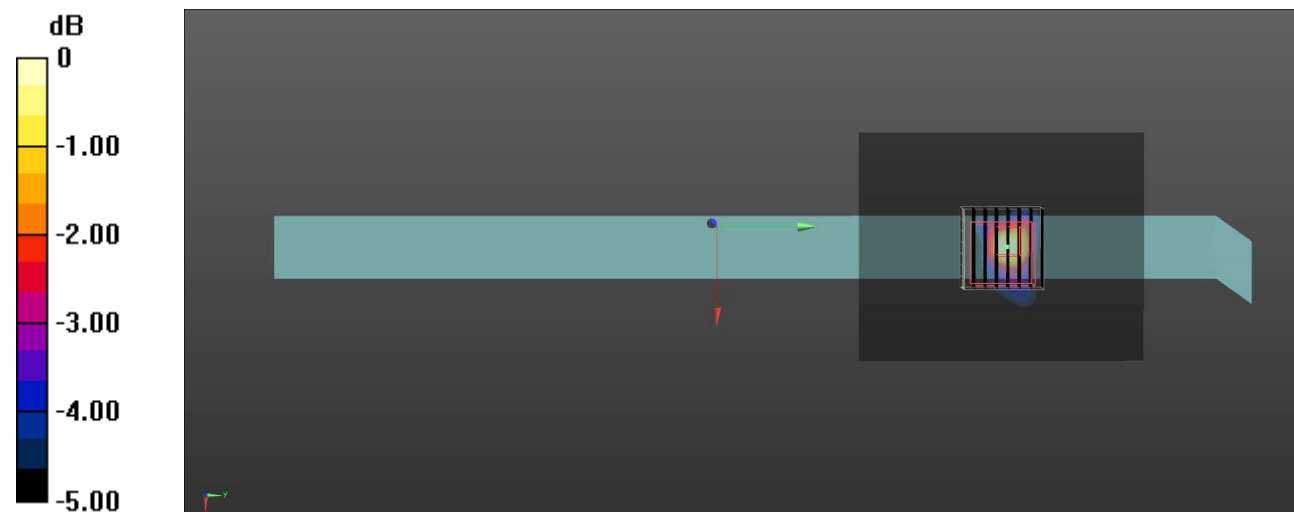
Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.058 W/kg

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 61%

Maximum value of SAR (measured) = 0.712 W/kg



0 dB = 0.712 W/kg = -1.38 dBW/kg

Date: 2024/1/11

2006_WLAN 5 GHz_802.11ac VHT80_Top Side_0mm_Ch138_ANT Aux

DUT: FM101-GL

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.028

Medium parameters used: $f = 5690$ MHz; $\sigma = 5.153$ S/m; $\epsilon_r = 34.69$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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) @ 5690 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) = 0.681 W/kg

Zoom Scan (11x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.561 V/m; Power Drift = 0.15 dB

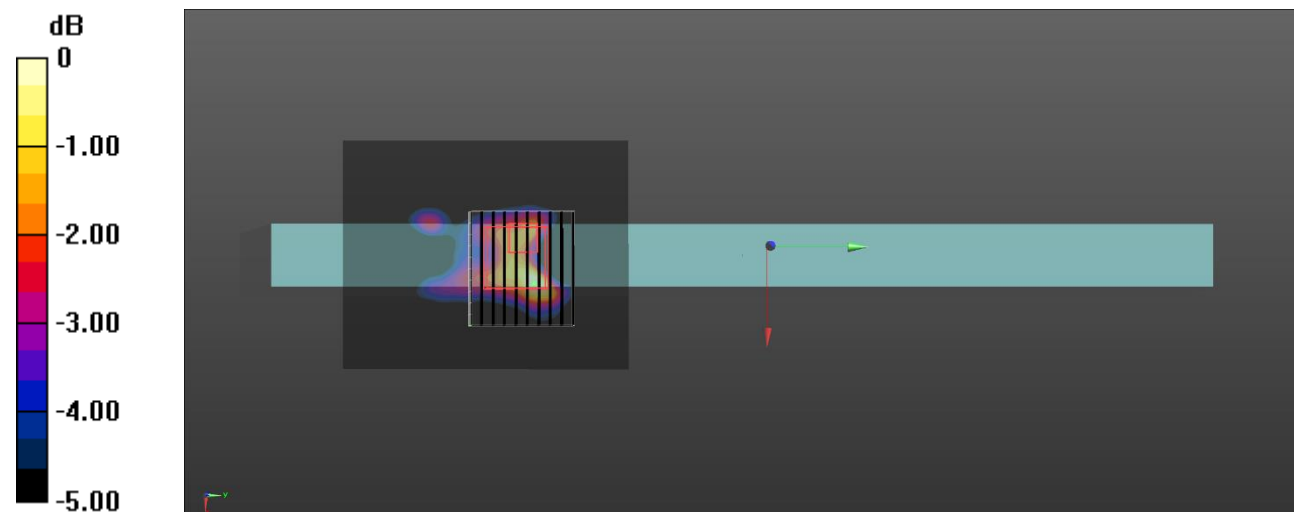
Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.069 W/kg

Smallest distance from peaks to all points 3 dB below = 4.3 mm

Ratio of SAR at M2 to SAR at M1 = 61.1%

Maximum value of SAR (measured) = 0.521 W/kg



0 dB = 0.521 W/kg = -1.78 dBW/kg

Date: 2024/1/11

2007_WLAN 5 GHz_802.11ac VHT80_Top Side_0mm_Ch155_ANT Main

DUT: FM101-GL

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1.031

Medium parameters used: $f = 5775$ MHz; $\sigma = 5.201$ S/m; $\epsilon_r = 34.747$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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) @ 5775 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) = 0.750 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.12 V/m; Power Drift = 0.09 dB

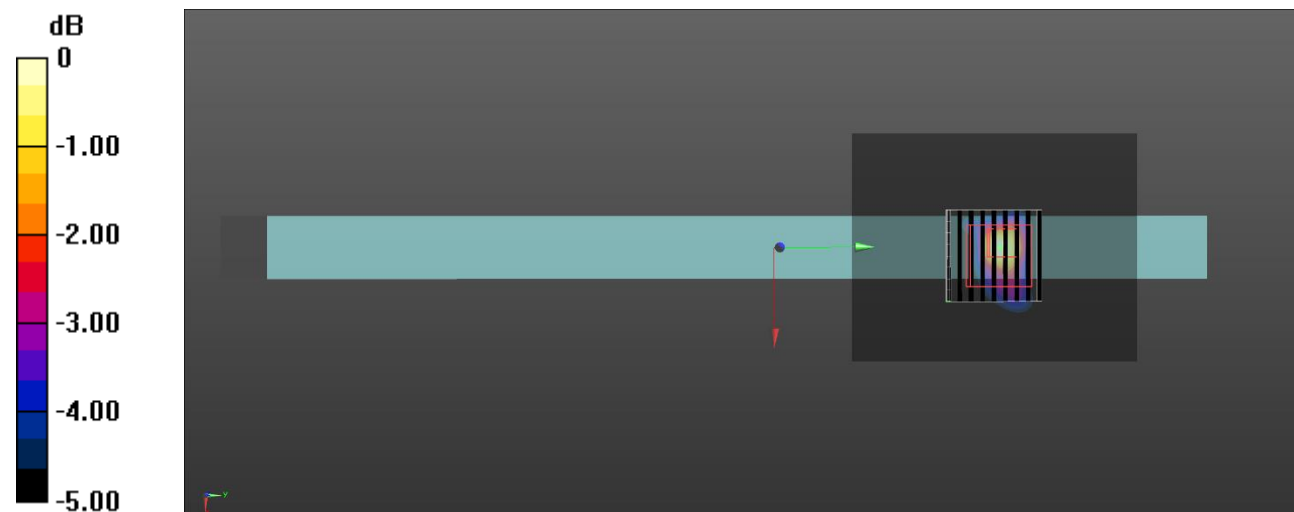
Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.074 W/kg

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 60.2%

Maximum value of SAR (measured) = 0.643 W/kg



Date: 2024/1/11

2008_WLAN 5 GHz_802.11ac VHT80_Top Side_0mm_Ch155_ANT Aux

DUT: FM101-GL

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1.028

Medium parameters used: $f = 5775$ MHz; $\sigma = 5.201$ S/m; $\epsilon_r = 34.747$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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) @ 5775 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) = 0.592 W/kg

Zoom Scan (11x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.942 V/m; Power Drift = -0.04 dB

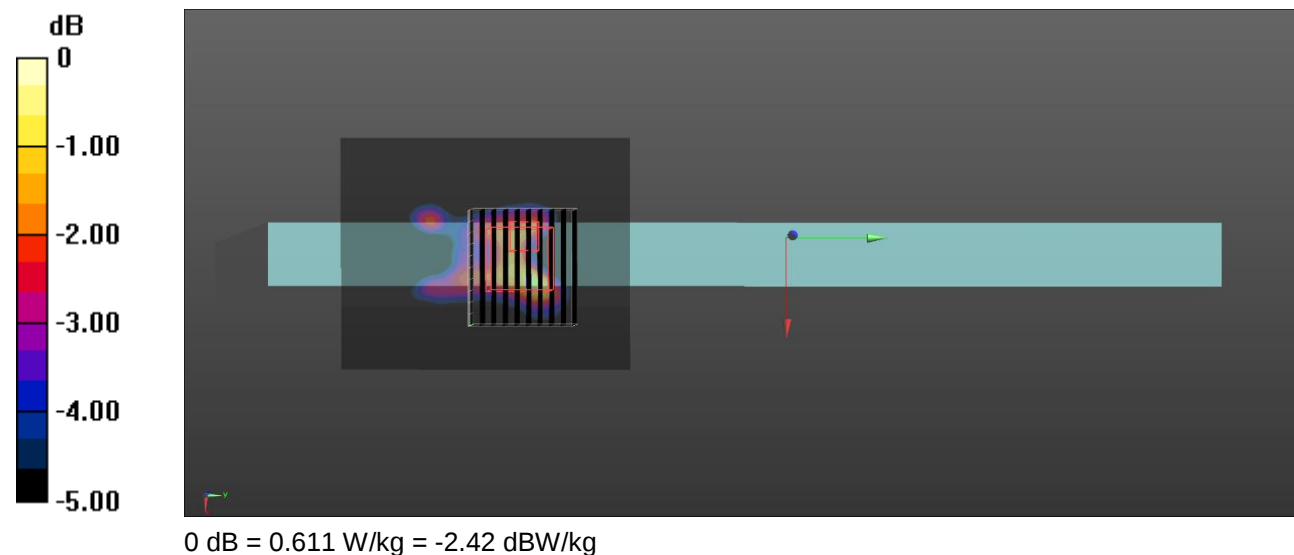
Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.063 W/kg

Smallest distance from peaks to all points 3 dB below = 4.3 mm

Ratio of SAR at M2 to SAR at M1 = 59.6%

Maximum value of SAR (measured) = 0.611 W/kg



Date: 2024/1/11

2009_WLAN 5 GHz_802.11ac VHT160_Top Side_0mm_Ch163_ANT Main

DUT: FM101-GL

Communication System: UID 0, IEEE 802.11ac(6GHz)VHT160 (0); Frequency: 5815 MHz;Duty Cycle: 1:1.015

Medium parameters used: $f = 5815$ MHz; $\sigma = 5.132$ S/m; $\epsilon_r = 34.665$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5

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) = 1.21 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.72 V/m; Power Drift = 0.09 dB

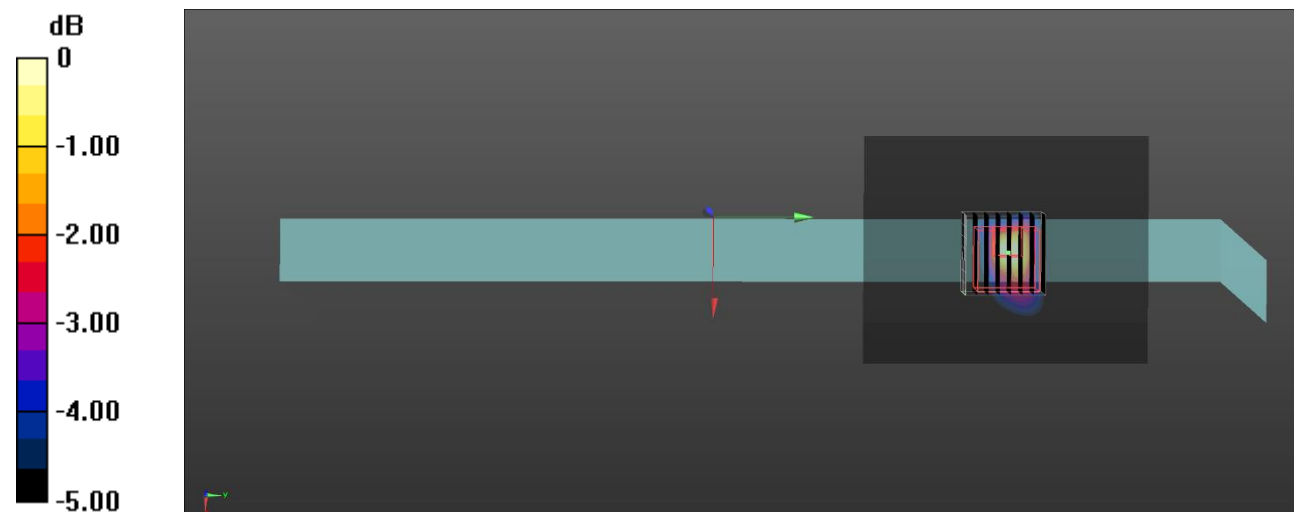
Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.125 W/kg

Smallest distance from peaks to all points 3 dB below = 4.7 mm

Ratio of SAR at M2 to SAR at M1 = 58.9%

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



0 dB = 1.03 W/kg = 0.512 dBW/kg

Date: 2024/1/11

2010_WLAN 5 GHz_802.11ac VHT160_Top Side_0mm_Ch163_ANT Aux

DUT: FM101-GL

Communication System: UID 0, IEEE 802.11ac(6GHz)VHT160 (0); Frequency: 5815 MHz;Duty Cycle: 1:1.016
Medium parameters used: $f = 5815$ MHz; $\sigma = 5.132$ S/m; $\epsilon_r = 34.665$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5

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) = 0.819 W/kg

Zoom Scan (11x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.84 V/m; Power Drift = 0.05 dB

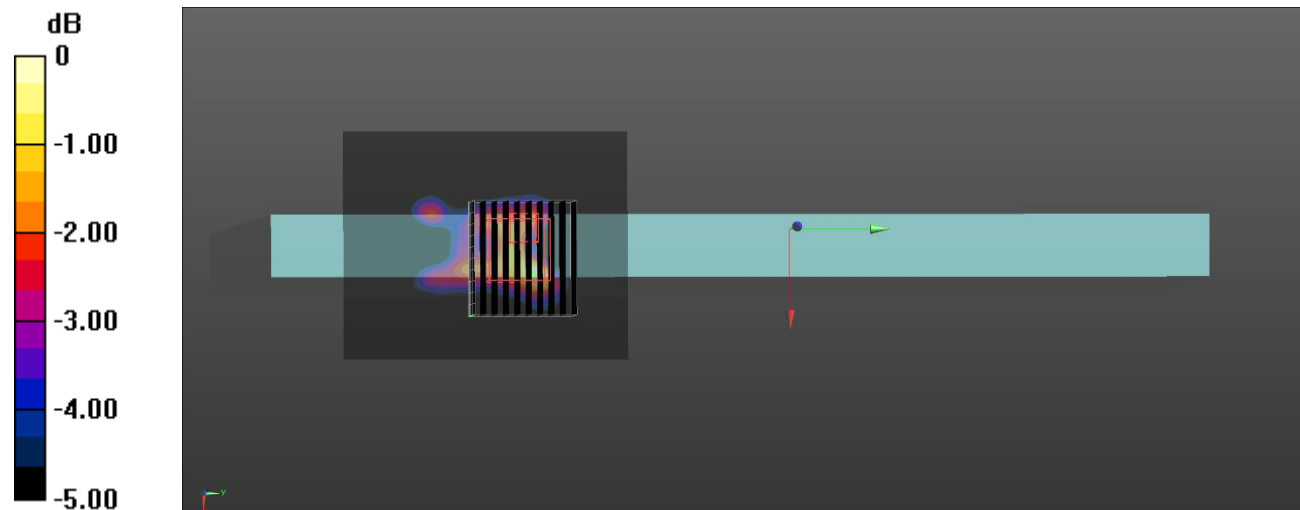
Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.101 W/kg

Smallest distance from peaks to all points 3 dB below = 4.3 mm

Ratio of SAR at M2 to SAR at M1 = 59.9%

Maximum value of SAR (measured) = 0.764 W/kg



Test Date : 2024-01-11 | Ambient Temp : 22.7 °C | Tissue Temp : 22.1 °C

Test Mode

2011_WLAN 6 GHz_80211ax HE160_Top Side_0mm_Ch47_ANT Main

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
FIBOCOM	FM101-GL	861023050418623	Convertible PC

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	U-NII-5	WLAN, 10554 - AAE	6185.000, 47	5.6	5.53	34.1

Hardware Setup

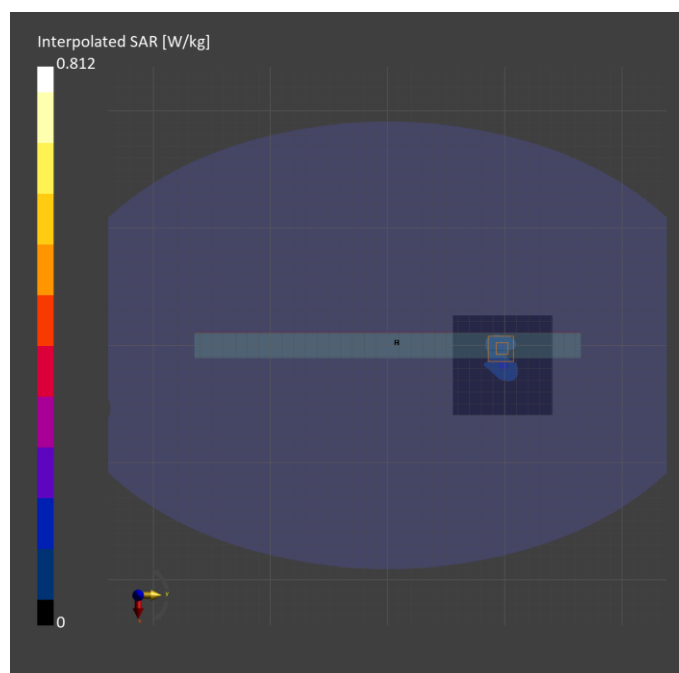
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	H51T72N2	EX3DV4 - SN3847 / 2023-03-23	DAE4 Sn541 / 2023-03-22

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.106	0.131
psSAR-10g [W/kg]	0.035	0.041
psAPD (1.0 cm ² , sq) [W/m ²]		1.31
psAPD (4.0 cm ² , sq) [W/m ²]		0.937
Power Drift [dB]		0.09
TSL Correction	Positive only	Positive only
M2 / M1 [%]		57.7
Dist 3dB Peak [mm]		4.8



Test Date : 2024-01-11 | Ambient Temp : 22.7 °C | Tissue Temp : 22.1 °C

Test Mode

2012_WLAN 6 GHz_80211ax HE160_Top Side_0mm_Ch207_ANT Aux

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
FIBOCOM	FM101-GL	861023050418623	Convertible PC

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	U-NII-8	WLAN, 10554 - AAE	6985.000, 207	5.6	6.54	32.3

Hardware Setup

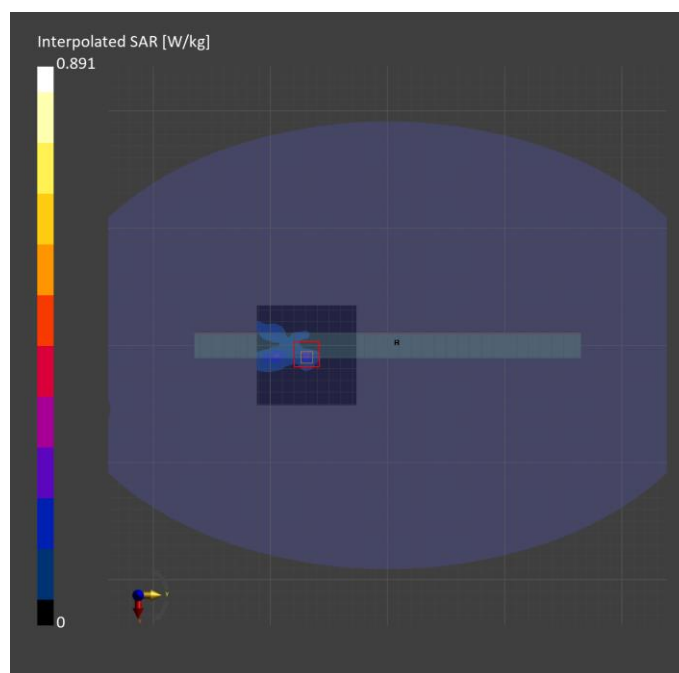
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	H51T72N2	EX3DV4 - SN3847 / 2023-03-23	DAE4 Sn541 / 2023-03-22

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.172	0.174
psSAR-10g [W/kg]	0.052	0.041
psAPD (1.0 cm ² , sq) [W/m ²]		1.74
psAPD (4.0 cm ² , sq) [W/m ²]		0.996
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		56.2
Dist 3dB Peak [mm]		4.9



Test Date : 2024-01-11 | Ambient Temp : 22.6 °C

Test Mode

2013_WLAN 6 GHz_80211ax HE160_Top Side_2mm_Ch15_ANT Main

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
FIBOCOM	FM101-GL	861023050418623	Convertible PC

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	U-NII-5	WLAN, 10755 - AAC	6025.0, 15	1.0

Hardware Setup

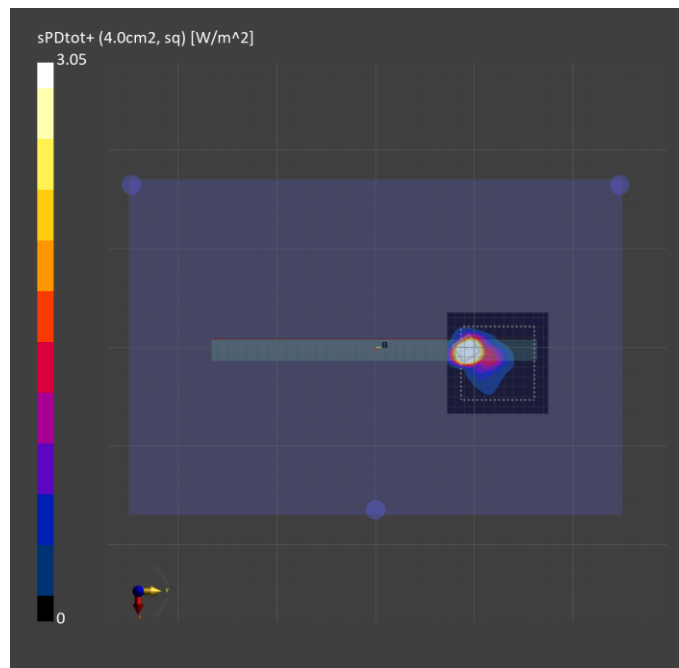
Phantom	Medium	Probe / Calibration Date	DAE / Calibration Date
mmWave - 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz / 2023-08-18	DAE4 Sn541 / 2023-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	100.0 x 100.0
Grid Steps [mm]	0.0502 x 0.0502
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Avg. Area [cm ²]	4.00
psPD n+ [W/m ²]	1.38
psPD tot+ [W/m ²]	3.04
psPD mod+ [W/m ²]	9.1
E max [V/m]	70.8
Power Drift [dB]	0.03



Test Date : 2024-01-11 | Ambient Temp : 22.6 °C

Test Mode

2014_WLAN 6 GHz_80211ax HE160_Top Side_2mm_Ch111_ANT Aux

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
FIBOCOM	FM101-GL	861023050418623	Convertible PC

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	U-NII-6	WLAN, 10755 - AAC	6505.0, 111	1.0

Hardware Setup

Phantom	Medium	Probe / Calibration Date	DAE / Calibration Date
mmWave - 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz / 2023-08-18	DAE4 Sn541 / 2023-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	92.0 x 92.0
Grid Steps [mm]	0.0542 x 0.0542
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Avg. Area [cm ²]	4.00
psPD n+ [W/m ²]	1.17
psPD tot+ [W/m ²]	2.59
psPD mod+ [W/m ²]	5.31
E max [V/m]	59.1
Power Drift [dB]	0.06

