

Appendix C – Highest Test Plots

Date: 2024/2/28

1_WCDMA Band II_RMC12.2Kbps_Top Side _0 mm_Ch9262_ANT Main_Sample 1_INPAQ

DUT: FM101-GL

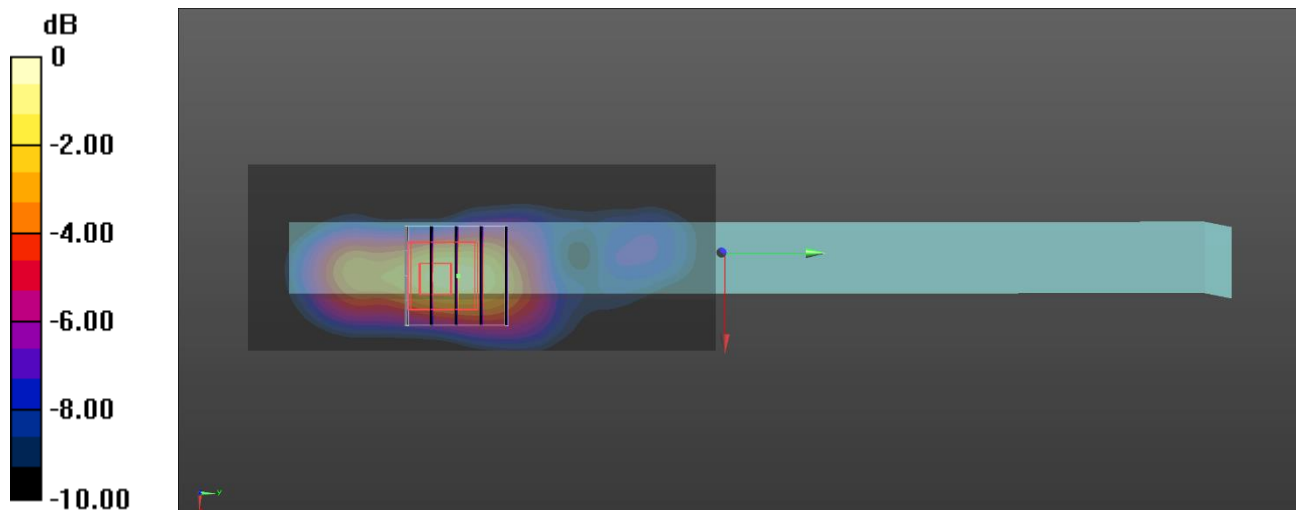
Communication System: UID 0, WCDMA Band II (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.403$ S/m; $\epsilon_r = 41.178$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

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) @ 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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.09 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.25 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.430 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 51.7%
Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

Date: 2024/2/27

2_WCDMA Band IV_RMC12.2Kbps_Top Side_0 mm_Ch1312_ANT Main_Sample 1_INPAQ

DUT: FM101-GL

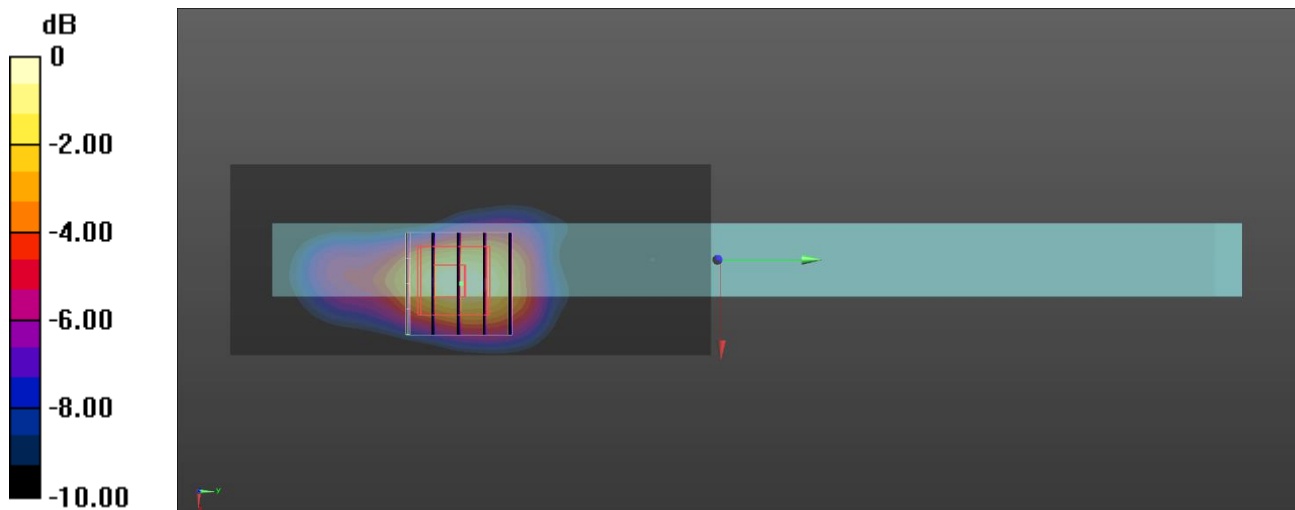
Communication System: UID 0, WCDMA Band IV (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.33$ S/m; $\epsilon_r = 41.565$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS5

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) @ 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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.31 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 30.65 V/m; Power Drift = -0.11 dB
 Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.473 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.3 mm
 Ratio of SAR at M2 to SAR at M1 = 52.9%
 Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg

Date: 2024/2/25

3_WCDMA Band V_RMC12.2Kbps_Top Side_0 mm_Ch4233_ANT Main_Sample 1_INPAQ

DUT: FM101-GL

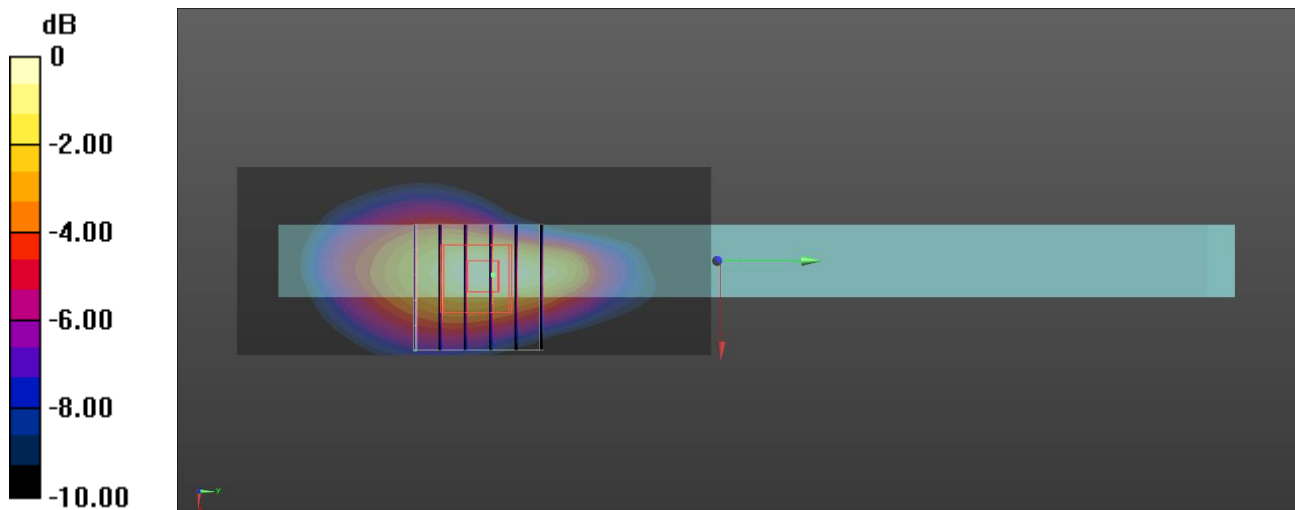
Communication System: UID 0, WCDMA Band V (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 847$ MHz; $\sigma = 0.947$ S/m; $\epsilon_r = 43.66$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.49 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 41.65 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.571 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 52.4%
Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

Date: 2024/2/25

4_LTE Band 5_QPSK10M_Top Side_0 mm_Ch20525_1RB_Offset_ANT Main_Sample 1_INPAQ

DUT: FM101-GL

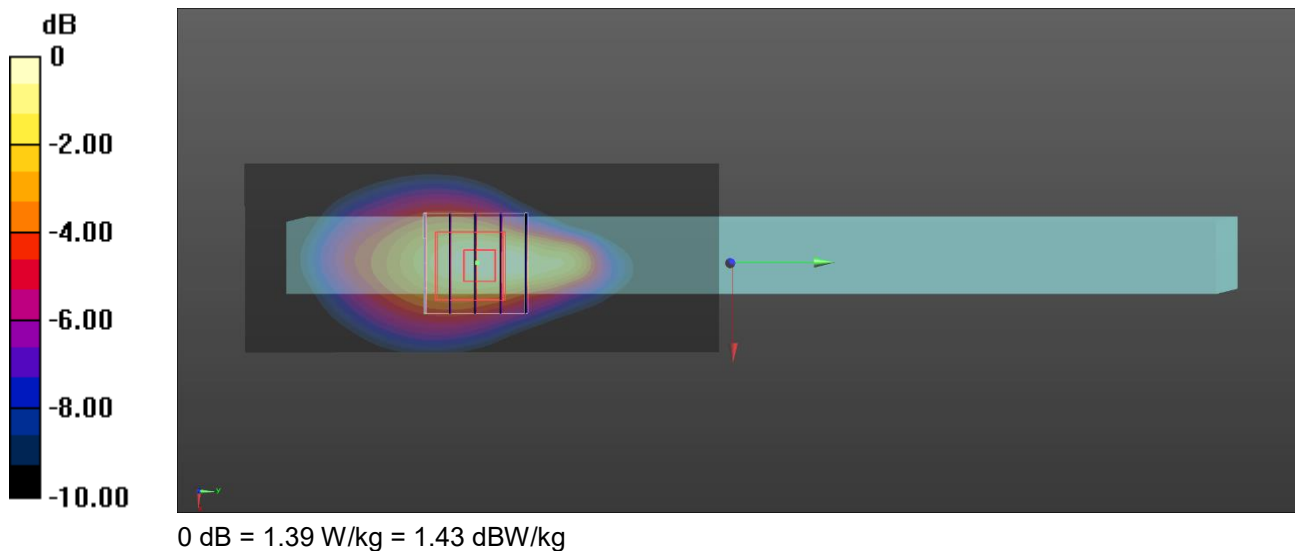
Communication System: UID 0, Generic LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 43.696$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

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) @ 836.5 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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.36 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.99 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.876 W/kg; SAR(10 g) = 0.506 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 51.5%
Maximum value of SAR (measured) = 1.39 W/kg



Date: 2024/3/1

5_LTE Band 7_QPSK20M_Top Side_0 mm_Ch21100_1RB_Offset_ANT Main_Sample 1_INPAQ

DUT: FM101-GL

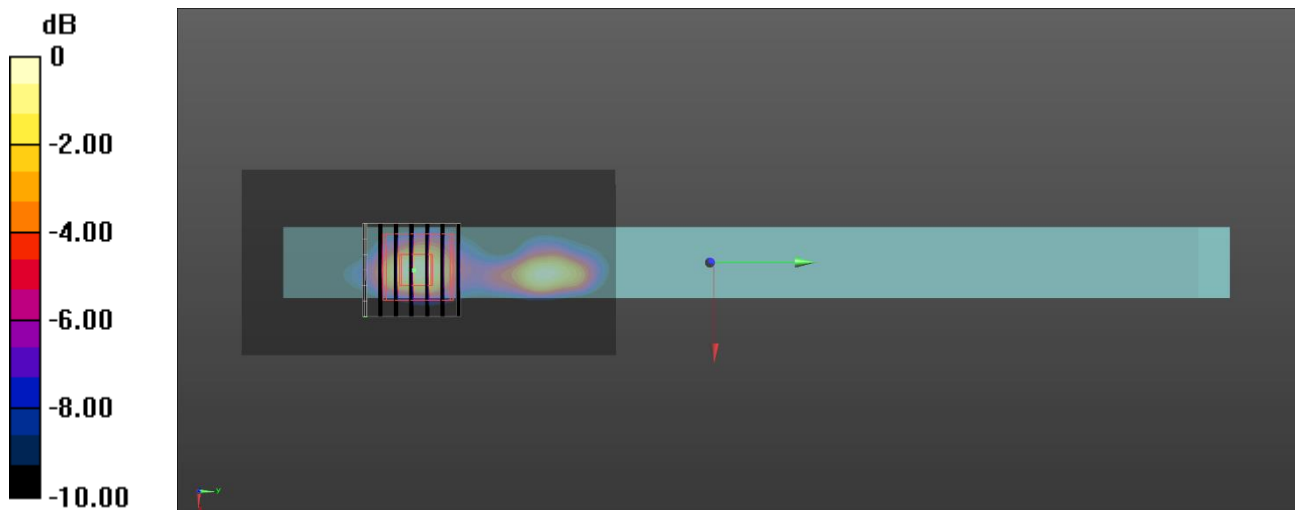
Communication System: UID 0, Generic LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535$ MHz; $\sigma = 1.822$ S/m; $\epsilon_r = 39.986$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

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) @ 2535 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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.44 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.22 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.299 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) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

Date: 2024/2/23

6_LTE Band 12_QPSK10M_Top Side_0 mm_Ch23095_1RB_0offset_ANT Main_Sample 1_INPAQ

DUT: FM101-GL

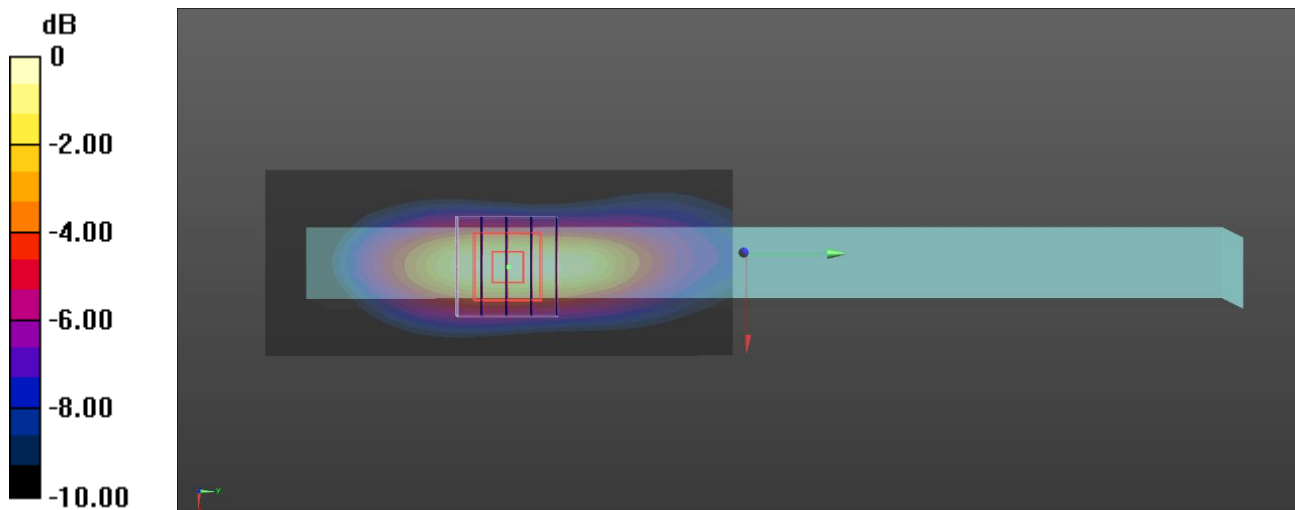
Communication System: UID 0, Generic LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 44.368$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

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) @ 707.5 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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.41 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 41.58 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 0.901 W/kg; SAR(10 g) = 0.510 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 50.8%
Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

Date: 2024/2/23

7_LTE Band 13_QPSK10M_Top Side_0 mm_Ch23230_1RB_0offset_ANT Main_Sample 1_INPAQ

DUT: FM101-GL

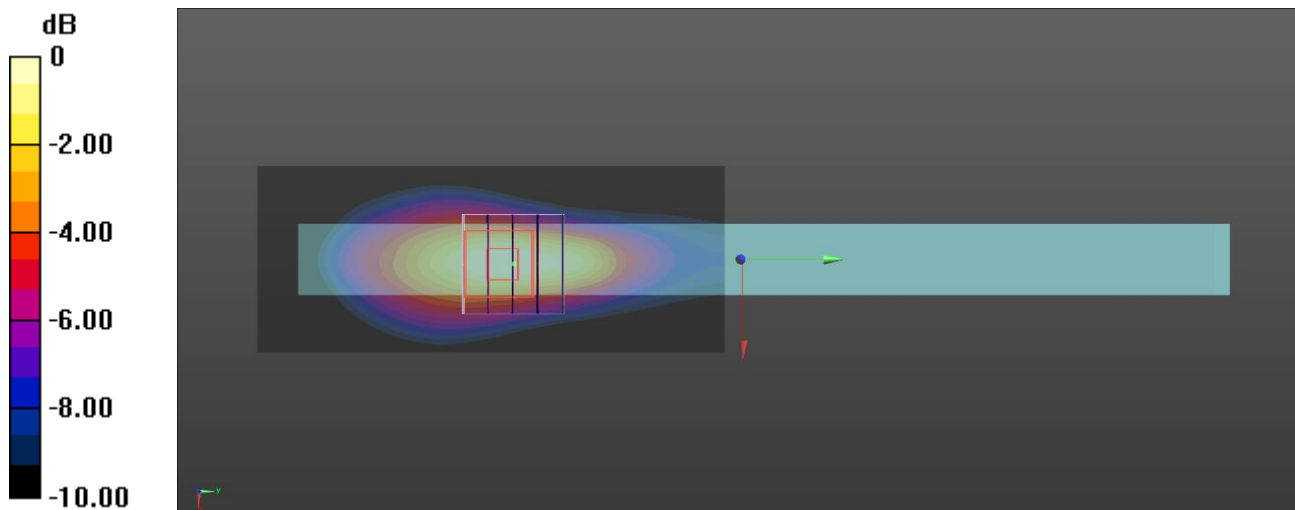
Communication System: UID 0, Generic LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.927 \text{ S/m}$; $\epsilon_r = 44.124$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASYS

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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.47 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 40.84 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 0.948 W/kg; SAR(10 g) = 0.547 W/kg
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 53.1%
Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

Date: 2024/2/24

8_LTE Band 14_QPSK10M_Top Side_0 mm_Ch23330_1RB_0offset_ANT Main_Sample 1_INPAQ

DUT: FM101-GL

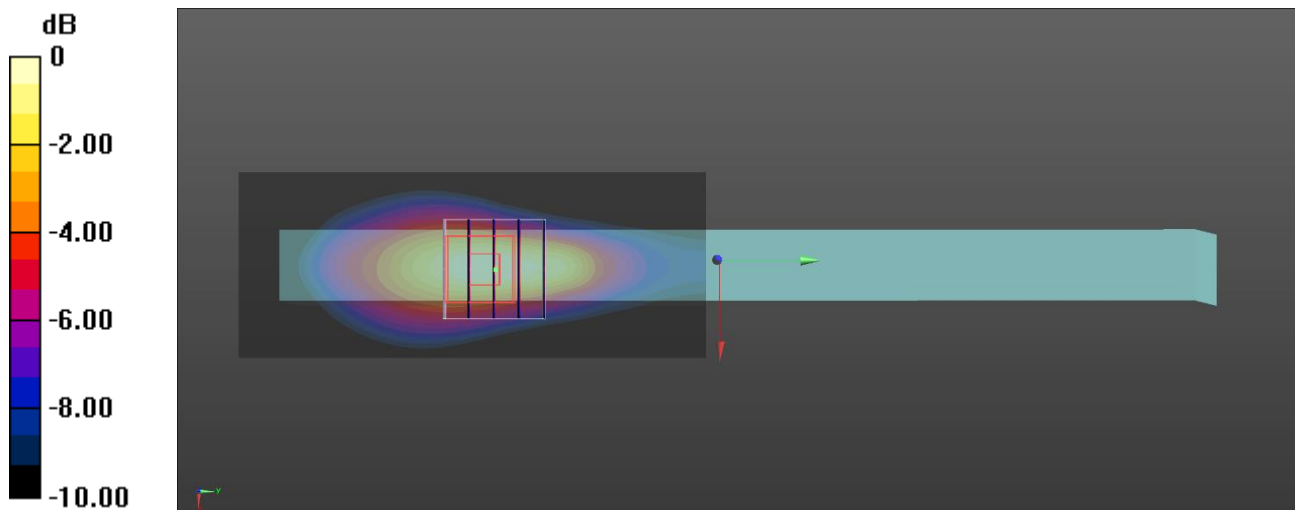
Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.929 \text{ S/m}$; $\epsilon_r = 43.999$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS

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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.32 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 38.65 V/m; Power Drift = -0.13 dB
 Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.491 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.6 mm
 Ratio of SAR at M2 to SAR at M1 = 52.6%
 Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg

Date: 2024/2/28

9_LTE Band 25_QPSK20M_Top Side_0 mm_Ch26140_1RB_0offset_ANT Main_Sample 1_INPAQ

DUT: FM101-GL

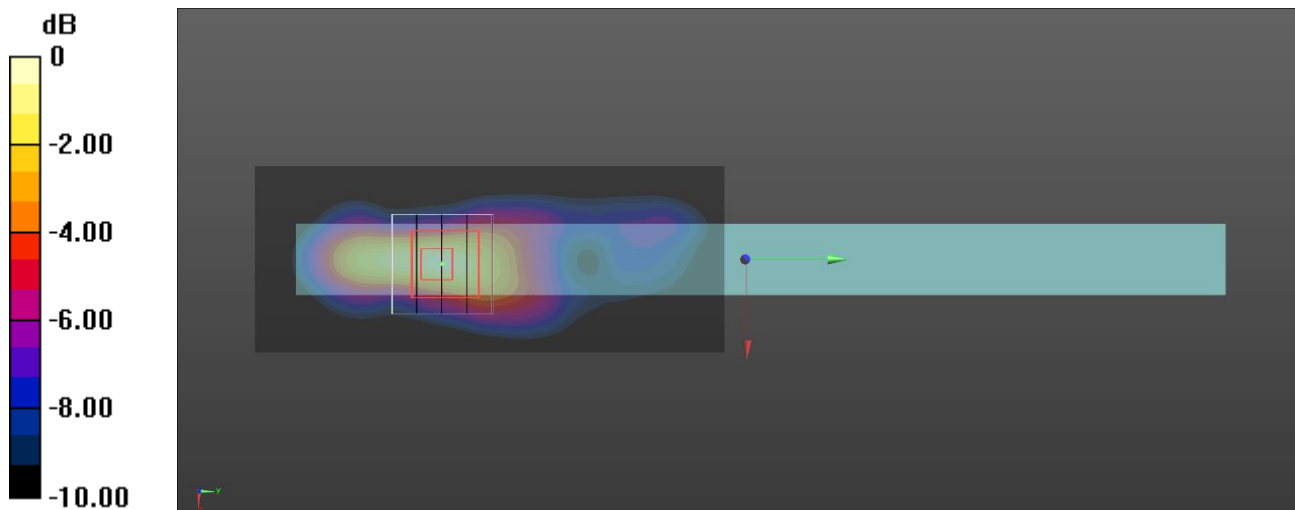
Communication System: UID 0, Generic LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 41.16$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS

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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Maximum value of SAR (interpolated) = 1.28 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 29.42 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.433 W/kg
 Smallest distance from peaks to all points 3 dB below = 8.6 mm
 Ratio of SAR at M2 to SAR at M1 = 49.1%
 Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

Date: 2024/2/26

10_LTE Band 26_QPSK15M_Top Side_0 mm_Ch26765_1RB_Offset_ANT Main_Sample 1_INPAQ

DUT: FM101-GL

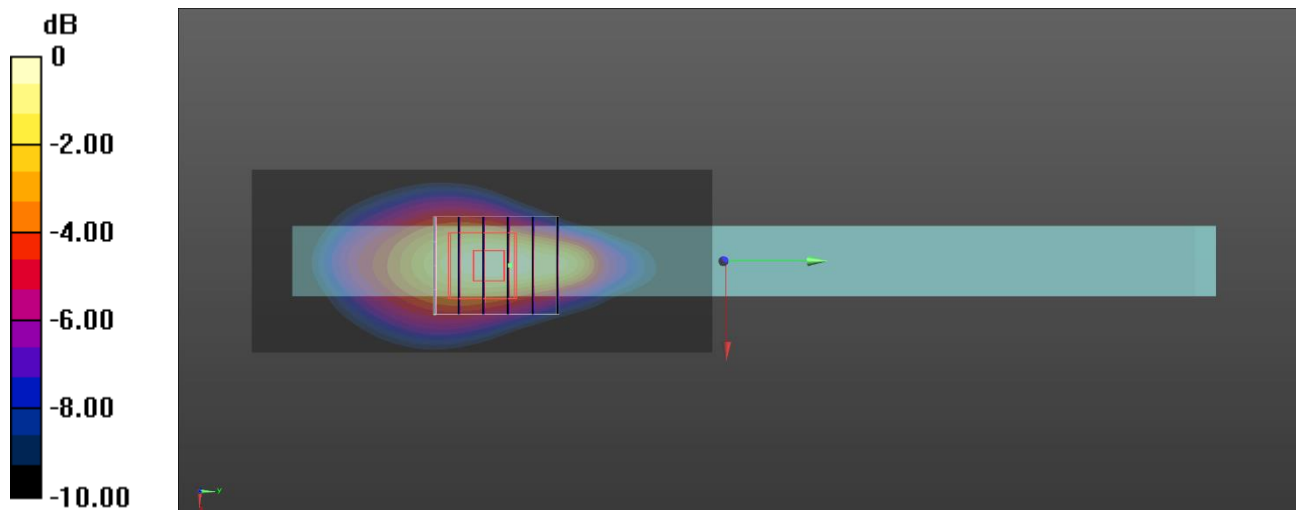
Communication System: UID 0, Generic LTE (0); Frequency: 821.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 43.699$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.47 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 40.95 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.547 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 51.3%
Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

Date: 2024/2/29

11_LTE Band 30_QPSK10M_Top Side_0 mm_Ch27710_1RB_Offset_ANT Main_Sample 1_INPAQ

DUT: FM101-GL

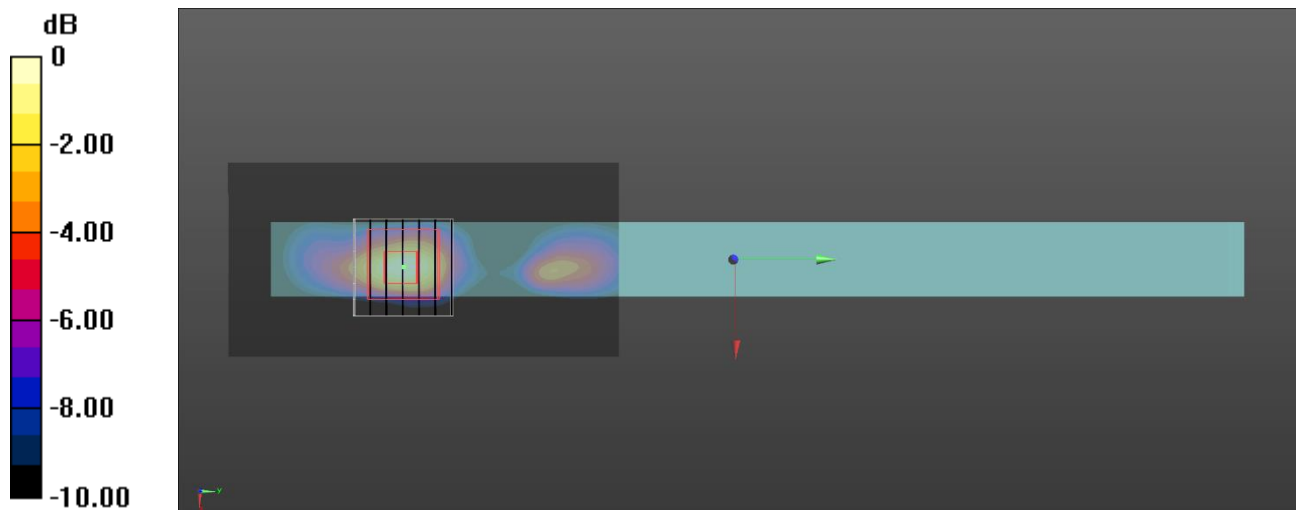
Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2310$ MHz; $\sigma = 1.663$ S/m; $\epsilon_r = 40.422$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.43 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 26.19 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.326 W/kg
Smallest distance from peaks to all points 3 dB below = 6.3 mm
Ratio of SAR at M2 to SAR at M1 = 46.3%
Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

Date: 2024/3/2

12_LTE Band 41_QPSK20M_Top Side_0 mm_Ch40185_1RB_Offset_ANT Main_Sample 1_INPAQ

DUT: FM101-GL

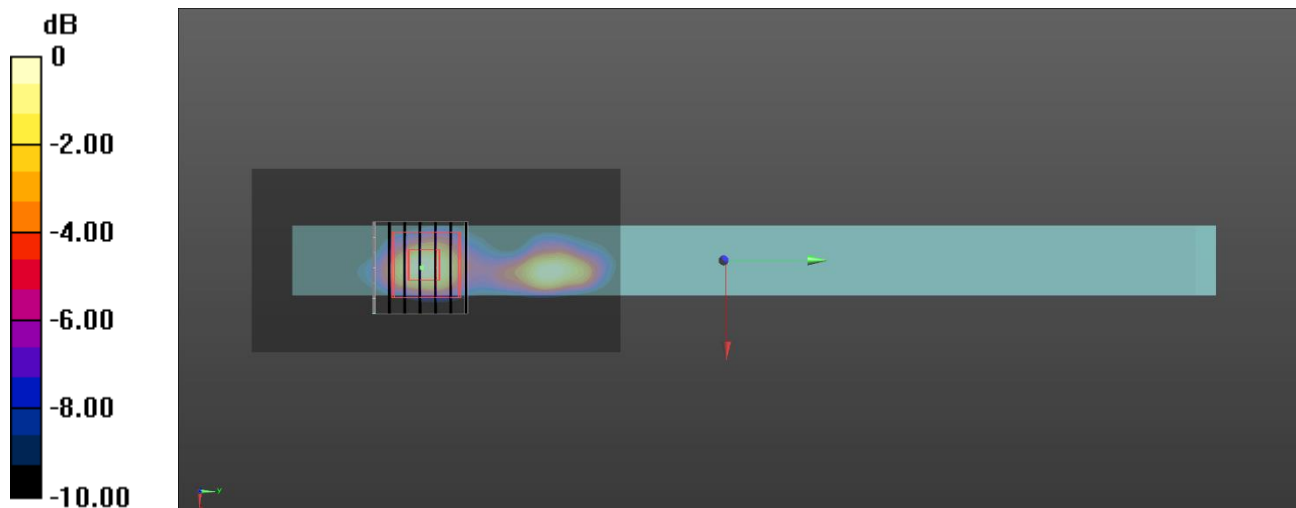
Communication System: UID 0, Generic LTE (0); Frequency: 2549.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2549.5$ MHz; $\sigma = 1.825$ S/m; $\epsilon_r = 40.03$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS

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) @ 2549.5 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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.60 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 29.31 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 0.834 W/kg; SAR(10 g) = 0.330 W/kg
 Smallest distance from peaks to all points 3 dB below = 6.3 mm
 Ratio of SAR at M2 to SAR at M1 = 45.2%
 Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

Date: 2024/3/4

13_LTE Band 48_QPSK20M_Top Side_0 mm_Ch56640_1RB_Offset_ANT Main_Sample 1_INPAQ

DUT: FM101-GL

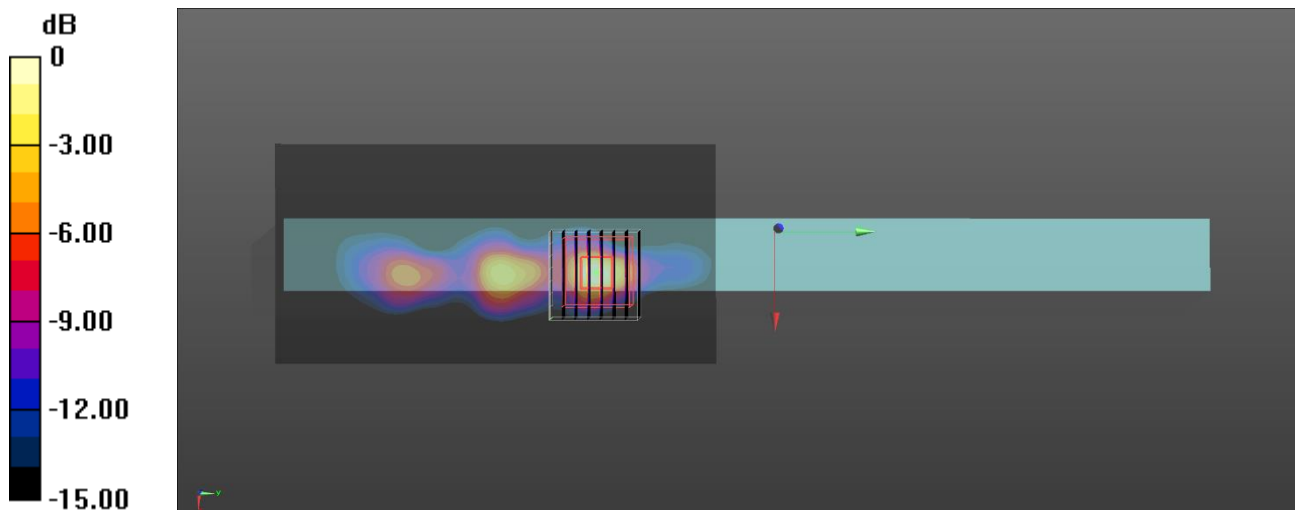
Communication System: UID 0, Generic LTE (0); Frequency: 3690 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3690$ MHz; $\sigma = 2.903$ S/m; $\epsilon_r = 38.895$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS

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(6.66, 6.66, 6.66) @ 3690 MHz; Calibrated: 2024/2/21
- 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 (71x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
 Maximum value of SAR (interpolated) = 2.47 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm
 Reference Value = 9.065 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 3.55 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.312 W/kg
 Smallest distance from peaks to all points 3 dB below = 5.4 mm
 Ratio of SAR at M2 to SAR at M1 = 73.8%
 Maximum value of SAR (measured) = 2.41 W/kg



0 dB = 2.41 W/kg = 3.82 dBW/kg

Date: 2024/2/27

14_LTE Band 66_QPSK20M_Top Side_0 mm_Ch132322_1RB_0offset_ANT Main_Sample 1_INPAQ

DUT: FM101-GL

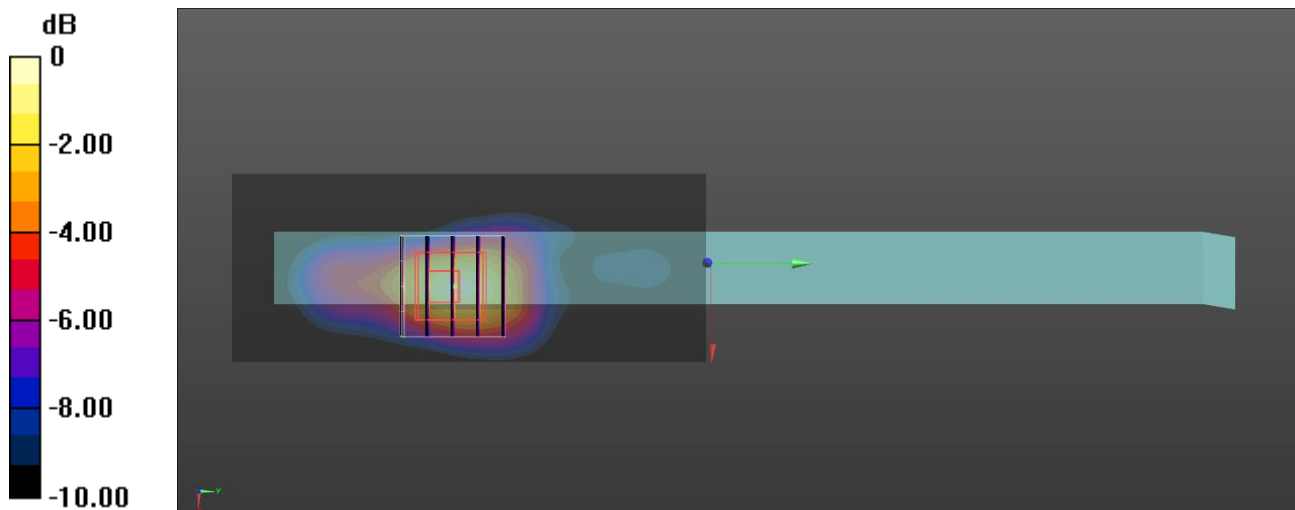
Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.345$ S/m; $\epsilon_r = 41.511$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS

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) @ 1745 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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.42 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 32.50 V/m; Power Drift = -0.11 dB
 Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 0.965 W/kg; SAR(10 g) = 0.528 W/kg
 Smallest distance from peaks to all points 3 dB below = 8.6 mm
 Ratio of SAR at M2 to SAR at M1 = 51.1%
 Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

Date: 2024/2/24

15_LTE Band 71_QPSK20M_Top Side_0 mm_Ch133372_1RB_0offset_ANT Main_Sample 1_INPAQ

DUT: FM101-GL

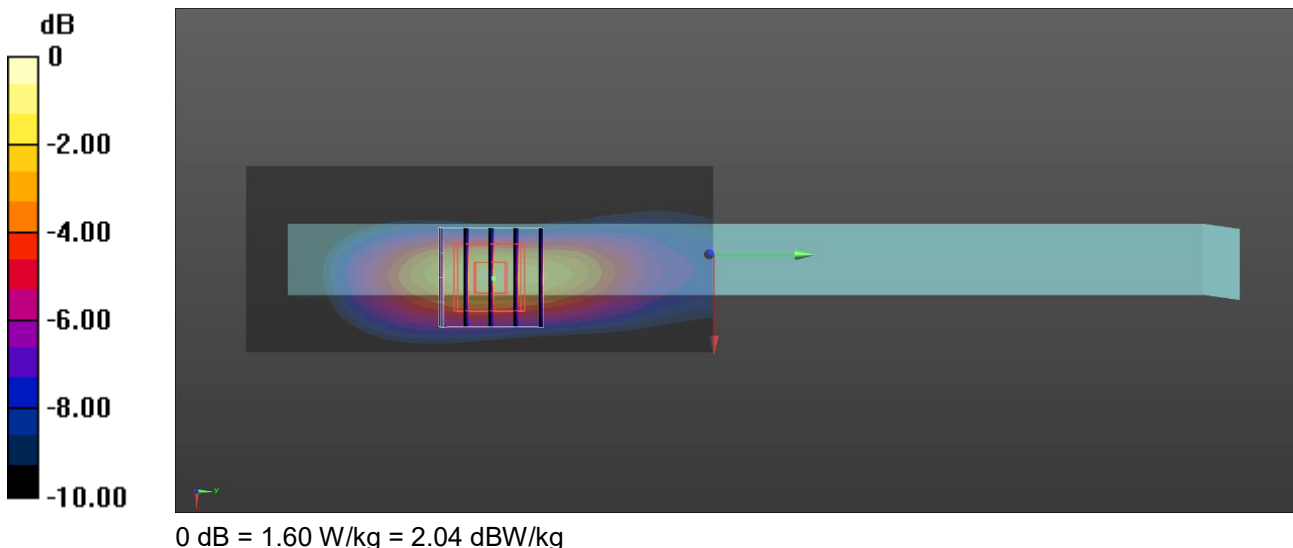
Communication System: UID 0, Generic LTE (0); Frequency: 688 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 688 \text{ MHz}$; $\sigma = 0.892 \text{ S/m}$; $\epsilon_r = 44.34$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASYS5

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) @ 688 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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x101x1): 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 = 40.33 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.493 W/kg
 Smallest distance from peaks to all points 3 dB below = 8.2 mm
 Ratio of SAR at M2 to SAR at M1 = 45.2%
 Maximum value of SAR (measured) = 1.60 W/kg



Date: 2024/3/12

16_WLAN 2.4 GHz_802.11b_Left Side_0 mm_Ch6_ANT 0_Sample 1_INPAQ

DUT: FM101-GL

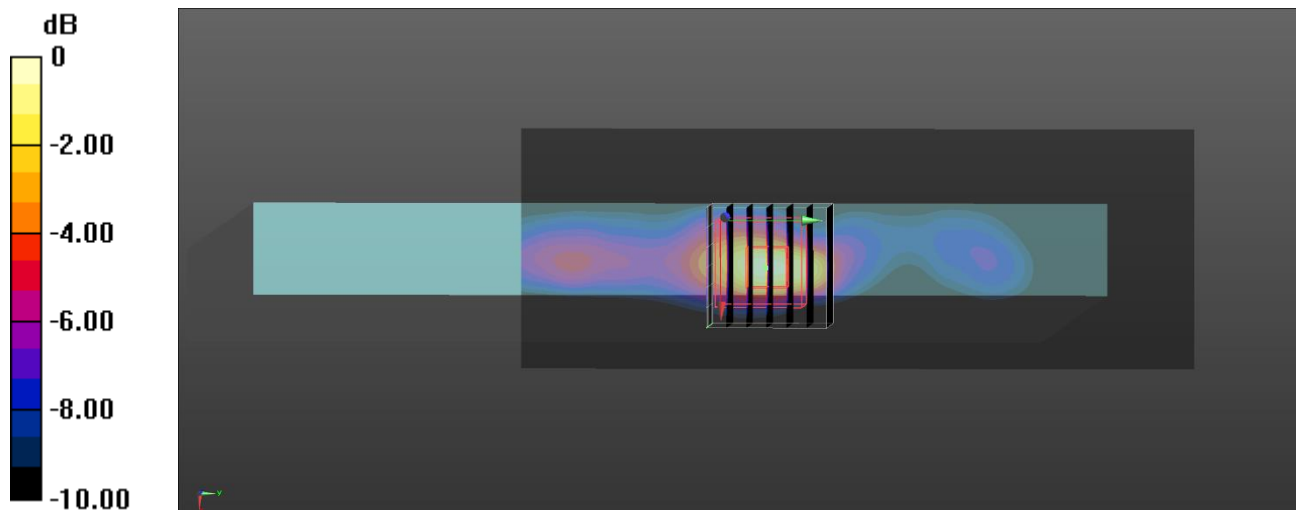
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.002
 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.796$ S/m; $\epsilon_r = 40.483$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS5

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(8.05, 8.05, 8.05) @ 2437 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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.975 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 18.70 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.212 W/kg
 Smallest distance from peaks to all points 3 dB below = 5.1 mm
 Ratio of SAR at M2 to SAR at M1 = 35.6%
 Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

Date: 2024/3/12

17_Bluetooth_GFSK_Rear Face_0 mm_Ch0_ANT 1_Sample 1_INPAQ

DUT: FM101-GL

Communication System: UID 0, Bluetooth 3.0 (0); Frequency: 2402 MHz;Duty Cycle: 1:1.308
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.769$ S/m; $\epsilon_r = 40.549$; $\rho = 1000$ 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(8.05, 8.05, 8.05) @ 2402 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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0999 W/kg

Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.264 V/m; Power Drift = -0.02 dB

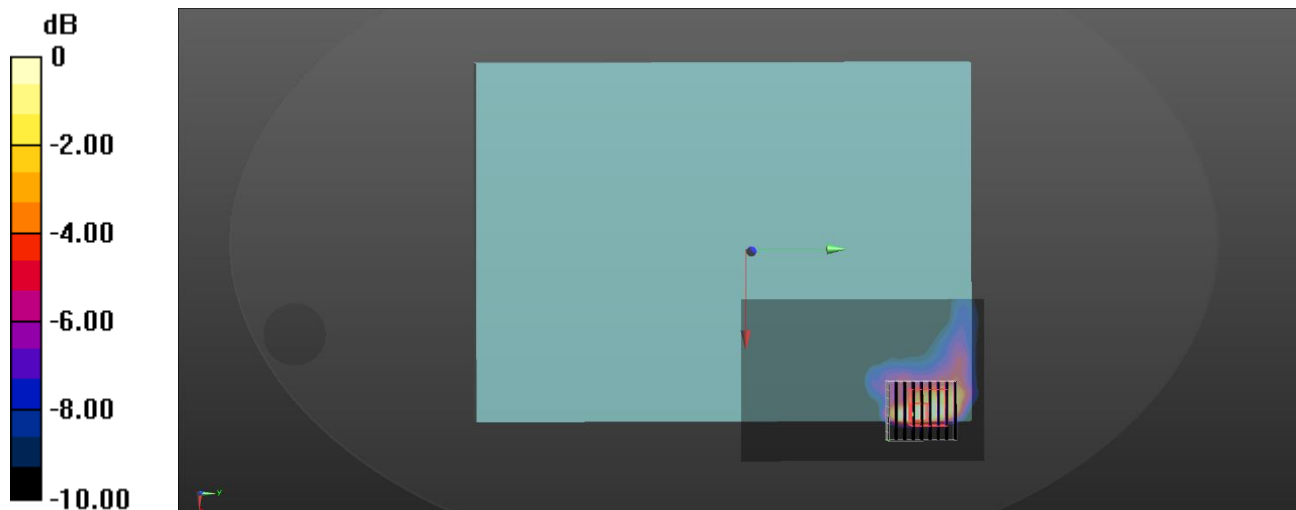
Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.019 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 17.5 mm)

Ratio of SAR at M2 to SAR at M1 = 43.2%

Maximum value of SAR (measured) = 0.0731 W/kg



0 dB = 0.0731 W/kg = -11.36 dBW/kg

Date: 2024/3/13

18_WLAN 5 GHz_802.11ac VHT80_Front Side of laptop_0 mm_Ch58_ANT 1_Sample 1_INPAQ

DUT: FM101-GL

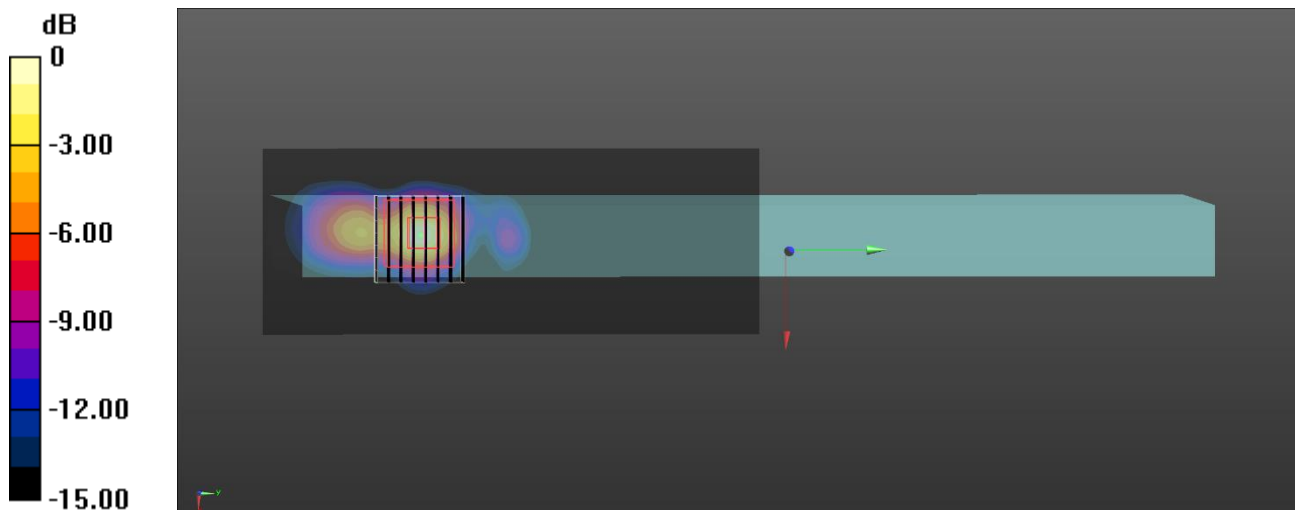
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5290 MHz;Duty Cycle: 1:1.053
Medium parameters used: $f = 5290$ MHz; $\sigma = 4.715$ S/m; $\epsilon_r = 35.038$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

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(5.6, 5.6, 5.6) @ 5290 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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.90 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.52 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 3.36 W/kg
SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.212 W/kg
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 64.6%
Maximum value of SAR (measured) = 2.07 W/kg



0 dB = 2.07 W/kg = 3.16 dBW/kg

Date: 2024/3/14

19_WLAN 5 GHz_802.11ac VHT80_Front Side of laptop_0 mm_Ch138_ANT 1_Sample 1_INPAQ

DUT: FM101-GL

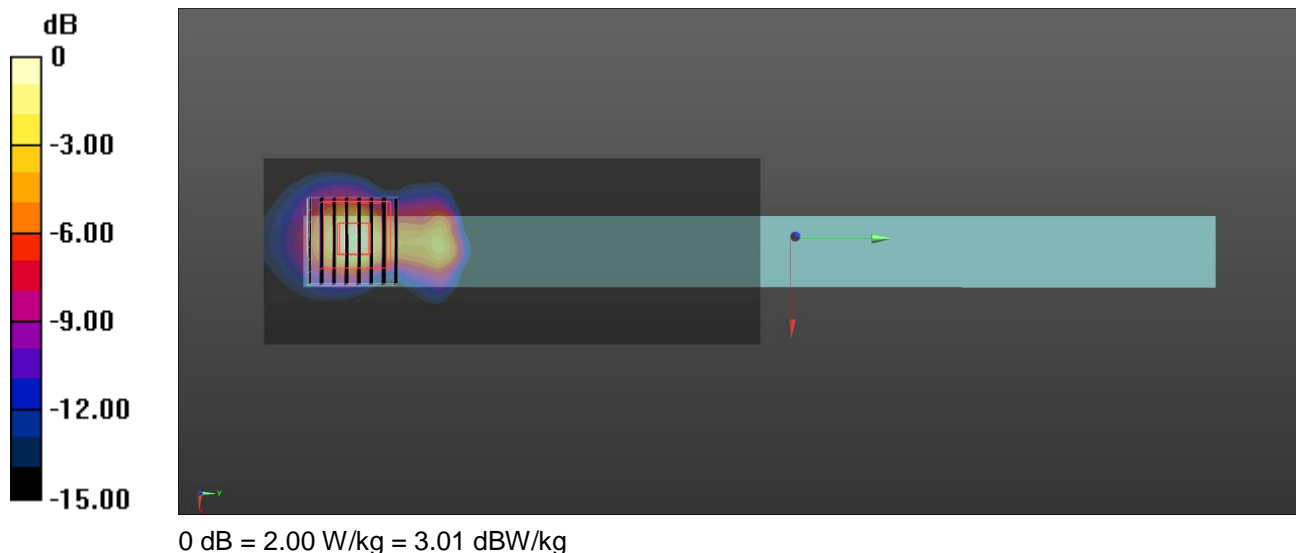
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.053
Medium parameters used: $f = 5690$ MHz; $\sigma = 5.2$ S/m; $\epsilon_r = 34.354$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS

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(5.08, 5.08, 5.08) @ 5690 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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.01 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 18.52 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.44 W/kg
SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.235 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 62.3%
Maximum value of SAR (measured) = 2.00 W/kg



Date: 2024/3/15

20_WLAN 5 GHz_802.11ac VHT80_Front Side of laptop_0 mm_Ch155_ANT 1_Sample 1_INPAQ

DUT: FM101-GL

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1.053
Medium parameters used: $f = 5775$ MHz; $\sigma = 5.266$ S/m; $\epsilon_r = 34.46$; $\rho = 1000$ 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(5.05, 5.05, 5.05) @ 5775 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: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.95 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 18.34 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 3.40 W/kg
SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.225 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 61.4%
Maximum value of SAR (measured) = 1.93 W/kg

