



Appendix B

1. LTE Cat M1
LTE Cat M1 Band 2
LTE Cat M1 Band 12
LTE Cat M1 Band 13
LTE Cat M1 Band 26(5)
LTE Cat M1 Band 66(4)
2. Bluetooth

Test Laboratory: SGS-SAR Lab

GD201E LTE Cat M1 Band 2 20M QPSK 1RB0 Ch18900 Front side 5 mm

DUT: GD201E; Type: LTE OBDII Dongle; Serial: 864080072808451

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium: HSL1950;Medium parameters used: $f = 1880$ MHz; $\sigma = 1.336$ S/m; $\epsilon_r = 39.49$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(8.6, 8.6, 8.6); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.182 W/kg

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

Reference Value = 10.44 V/m; Power Drift = -0.05 dB

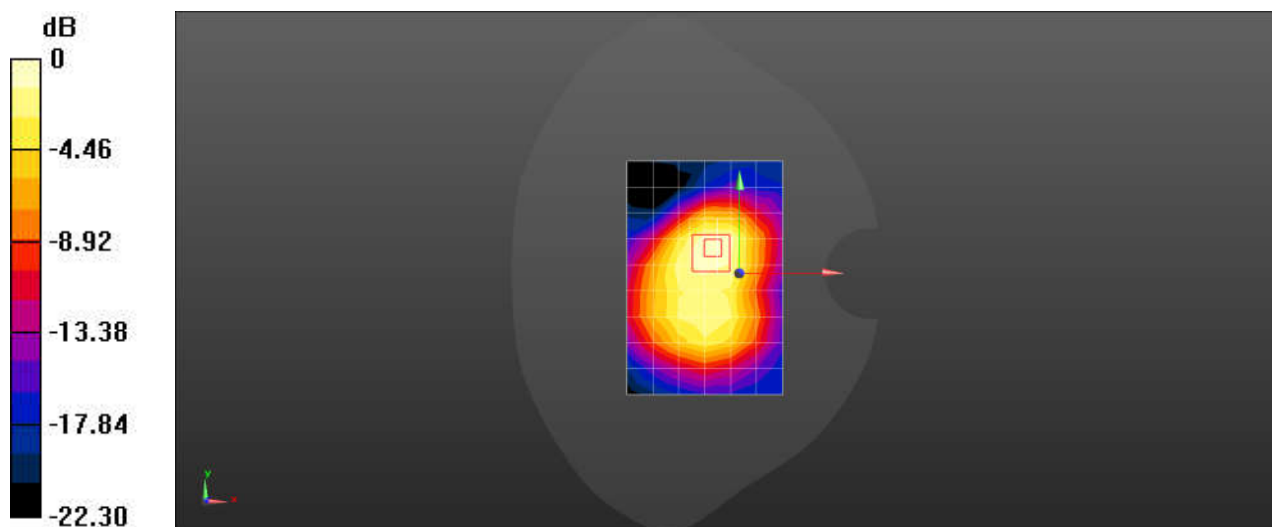
Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.082 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 59.3%

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



0 dB = 0.202 W/kg = -6.95 dBW/kg

Test Laboratory: SGS-SAR Lab

GD201E LTE Cat M1 Band 12 10M QPSK 1RB0 Ch23095 Front side 5 mm

DUT: GD201E; Type: LTE OBDII Dongle; Serial: 864080072808451

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 42.534$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(10.76, 10.76, 10.76); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.0560 W/kg

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

Reference Value = 7.077 V/m; Power Drift = -0.08 dB

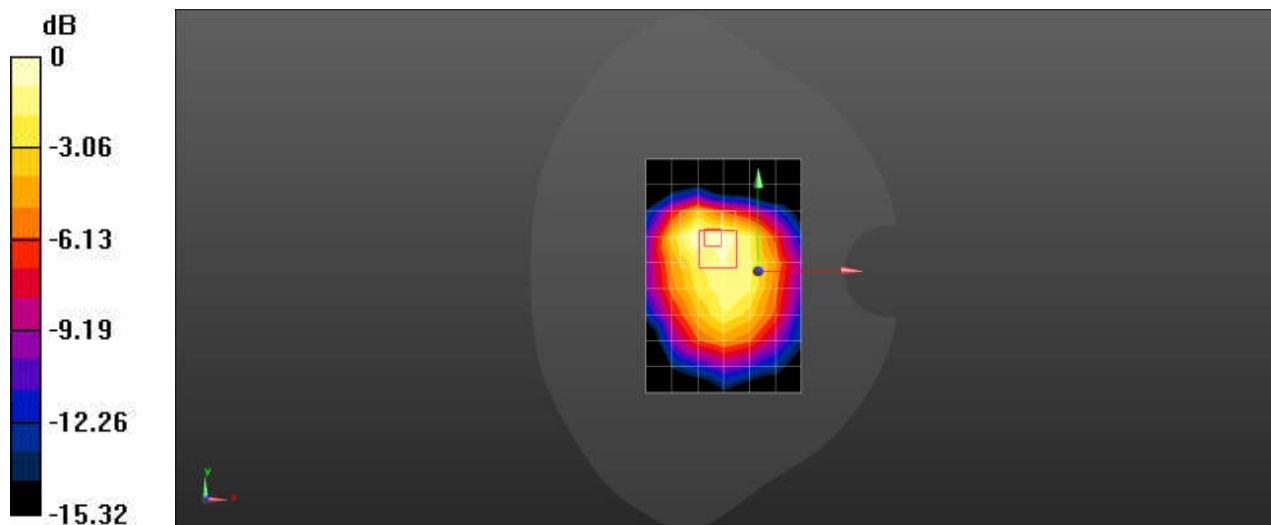
Peak SAR (extrapolated) = 0.0820 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.024 W/kg

Smallest distance from peaks to all points 3 dB below = 12 mm

Ratio of SAR at M2 to SAR at M1 = 53.4%

Maximum value of SAR (measured) = 0.0529 W/kg



0 dB = 0.0529 W/kg = -12.77 dBW/kg

Test Laboratory: SGS-SAR Lab

GD201E LTE Cat M1 Band 13 10M QPSK 1RB0 Ch23230 Front side 5 mm

DUT: GD201E; Type: LTE OBDII Dongle; Serial: 864080072808451

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 782 MHz;Duty Cycle: 1:1

Medium: HSL750;Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.895 \text{ S/m}$; $\epsilon_r = 41.735$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(10.76, 10.76, 10.76); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0488 W/kg

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

Reference Value = 6.691 V/m ; Power Drift = -0.01 dB

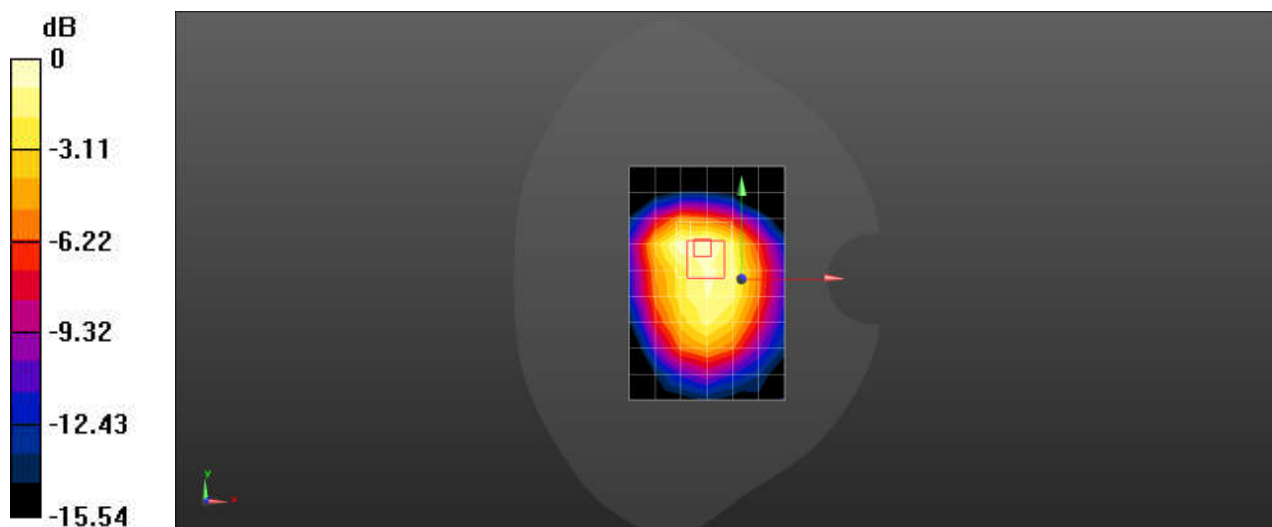
Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 g) = 0.031 W/kg ; SAR(10 g) = 0.020 W/kg

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 46.1%

Maximum value of SAR (measured) = 0.0462 W/kg



0 dB = 0.0462 W/kg = -13.35 dBW/kg

Test Laboratory: SGS-SAR Lab

GD201E LTE Cat M1 Band 26 15M QPSK 1RB0 Ch26865 Front side 5 mm

DUT: GD201E; Type: LTE OBDII Dongle; Serial: 864080072808451

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 831.5 MHz;Duty Cycle: 1:1

Medium: HSL835;Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 42.401$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(10.34, 10.34, 10.34); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0464 W/kg

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

Reference Value = 7.302 V/m; Power Drift = -0.03 dB

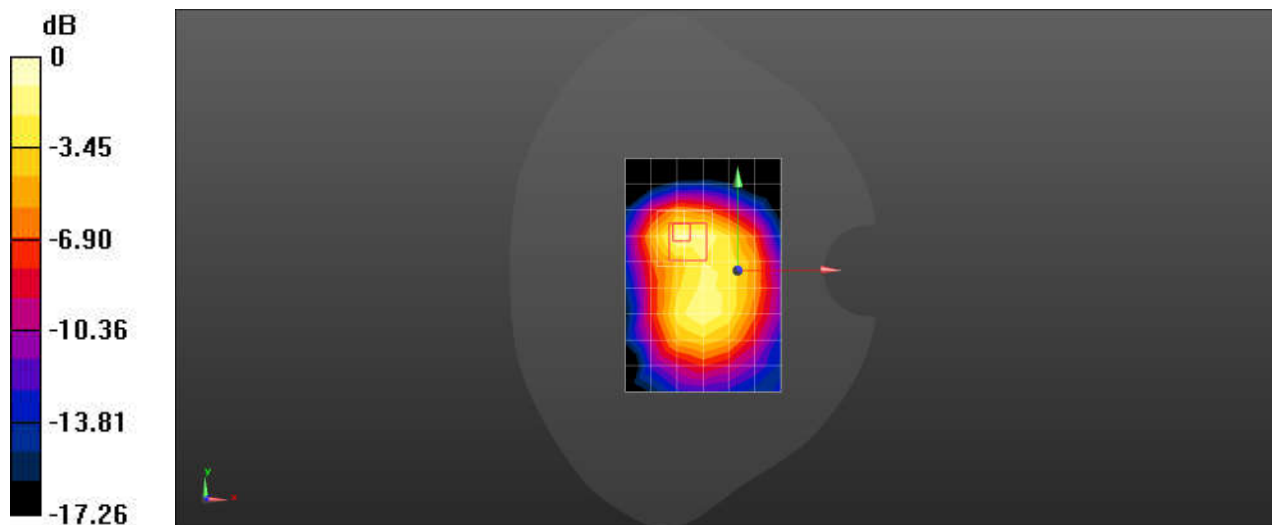
Peak SAR (extrapolated) = 0.0900 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.020 W/kg

Smallest distance from peaks to all points 3 dB below = 11 mm

Ratio of SAR at M2 to SAR at M1 = 49.5%

Maximum value of SAR (measured) = 0.0574 W/kg



0 dB = 0.0574 W/kg = -12.41 dBW/kg

Test Laboratory: SGS-SAR Lab

GD201E LTE Cat M1 Band 66 20M QPSK 1RB0 Ch132322 Front side 5 mm

DUT: GD201E; Type: LTE OBDII Dongle; Serial: 864080072808451

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.324$ S/m; $\epsilon_r = 39.076$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(8.95, 8.95, 8.95); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) = 0.0887 W/kg

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

Reference Value = 7.014 V/m; Power Drift = -0.04 dB

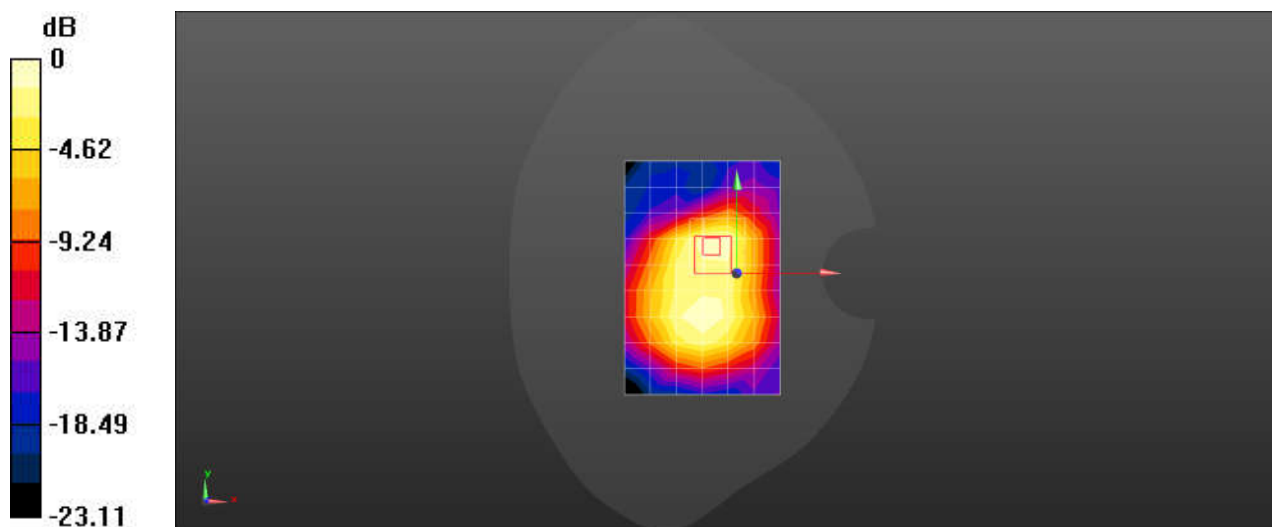
Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.035 W/kg

Smallest distance from peaks to all points 3 dB below = 11.6 mm

Ratio of SAR at M2 to SAR at M1 = 50.4%

Maximum value of SAR (measured) = 0.0966 W/kg



0 dB = 0.0966 W/kg = -10.15 dBW/kg

Test Laboratory: SGS-SAR Lab

GD201E BLE 1Mbps Ch39 Right side 5mm

DUT: GD201E; Type: LTE OBDII Dongle; Serial: 864080072776450

Communication System: UID 0, BLE(0); Frequency: 2480 MHz; Duty Cycle: 1:3.197

Medium: HSL2450; Medium parameters used: $f = 2480$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 38.795$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(8.03, 8.03, 8.03); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0463 W/kg

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

Reference Value = 4.573 V/m; Power Drift = 0.03 dB

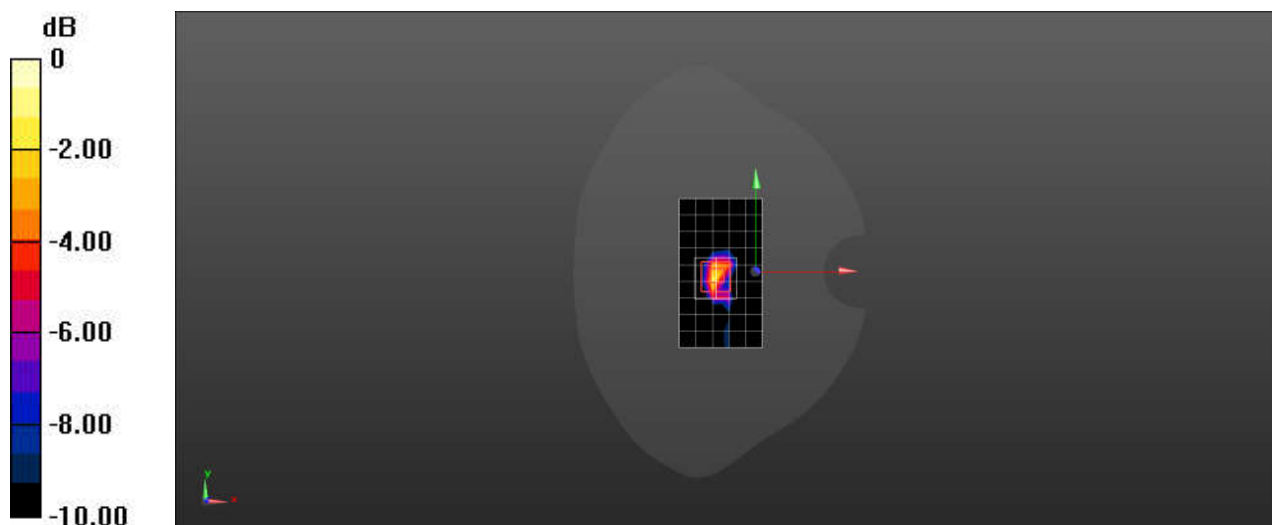
Peak SAR (extrapolated) = 0.0630 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.016 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 42.6%

Maximum value of SAR (measured) = 0.0392 W/kg



0 dB = 0.0392 W/kg = -14.07 dBW/kg



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