

Appendix B

Detailed Test Results

1. LTE
LTE Band 12 for Body
LTE Band 13 for Body
LTE Band 25 for Body
LTE Band 26 for Body
2. WIFI
WIFI 2.4G for Body
3. BT
BT for Body

Test Laboratory: SGS-SAR Lab

GLMT23A01 LTE Band 12 10M QPSK 1RB25 23130CH Front side 5mm

DUT: GLMT23A01; Type: Revolutionary Intelligent KeyChain; Serial: 353682680194659

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz;Duty Cycle: 1:1

Medium: HSL750;Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.852 \text{ S/m}$; $\epsilon_r = 43.631$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(10.33, 10.33, 10.33); Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2023/11/3
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.329 W/kg

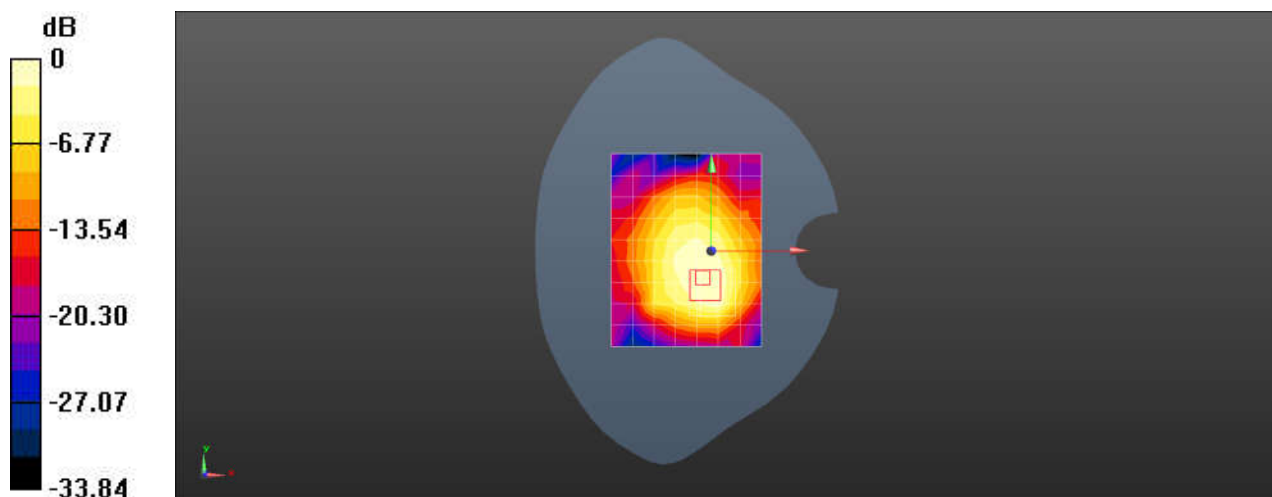
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.66 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.244 W/kg ; SAR(10 g) = 0.149 W/kg

Maximum value of SAR (measured) = 0.327 W/kg



Test Laboratory: SGS-SAR Lab

GLMT23A01 LTE Band 13 10M QPSK 1RB25 23230CH Front side 5mm

DUT: GLMT23A01; Type: Revolutionary Intelligent KeyChain; Serial: 353682680194659

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

Medium: HSL750;Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.89 \text{ S/m}$; $\epsilon_r = 43.287$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(10.33, 10.33, 10.33); Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2023/11/3
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.352 W/kg

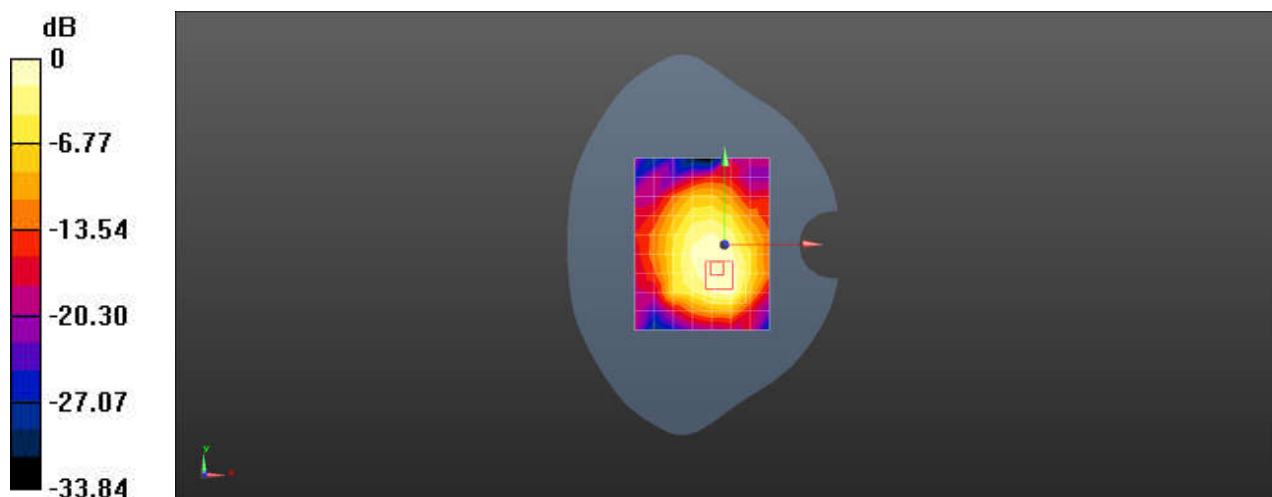
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.85 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.427 W/kg

SAR(1 g) = 0.260 W/kg ; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 0.349 W/kg



$0 \text{ dB} = 0.352 \text{ W/kg} = -4.53 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

GLMT23A01 LTE Band 25 20M QPSK 1RB50 26140CH Front side 5mm

DUT: GLMT23A01; Type: Revolutionary Intelligent KeyChain; Serial: 353682680194659

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1860 MHz;Duty Cycle: 1:1

Medium: HSL1950;Medium parameters used: $f = 1860$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 40.844$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.31, 8.31, 8.31); Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2023/11/3
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.32 W/kg

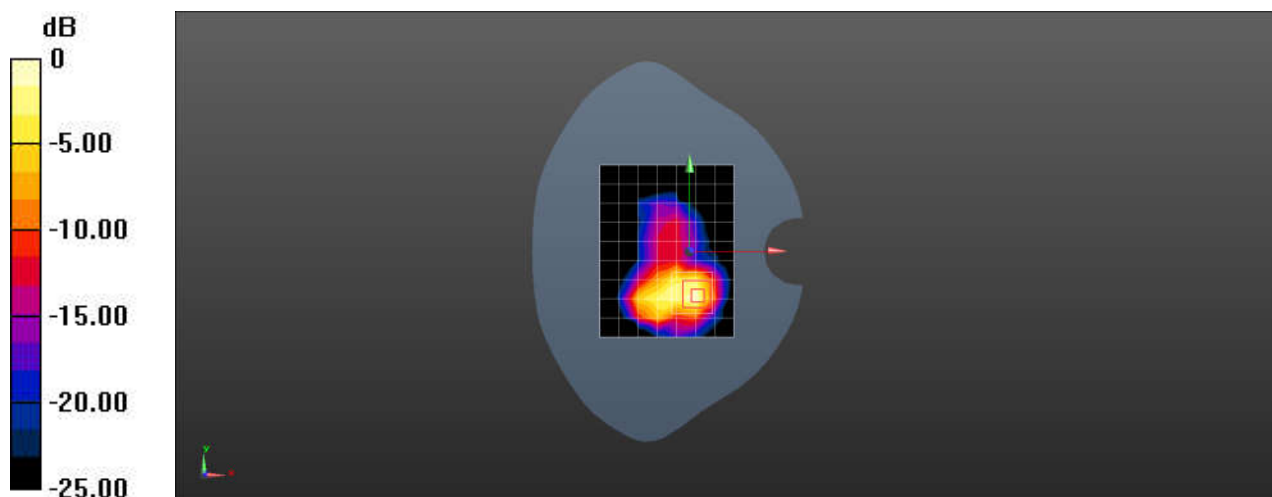
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.379 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.184 W/kg

Maximum value of SAR (measured) = 1.42 W/kg



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

Test Laboratory: SGS-SAR Lab

GLMT23A01 LTE Band 26 15M QPSK 1RB38 26865CH Front side 5mm

DUT: GLMT23A01; Type: Revolutionary Intelligent KeyChain; Serial: 353682680194659

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; $\sigma = 0.91$ S/m; $\epsilon_r = 41.595$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.93, 9.93, 9.93); Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2023/11/3
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.411 W/kg

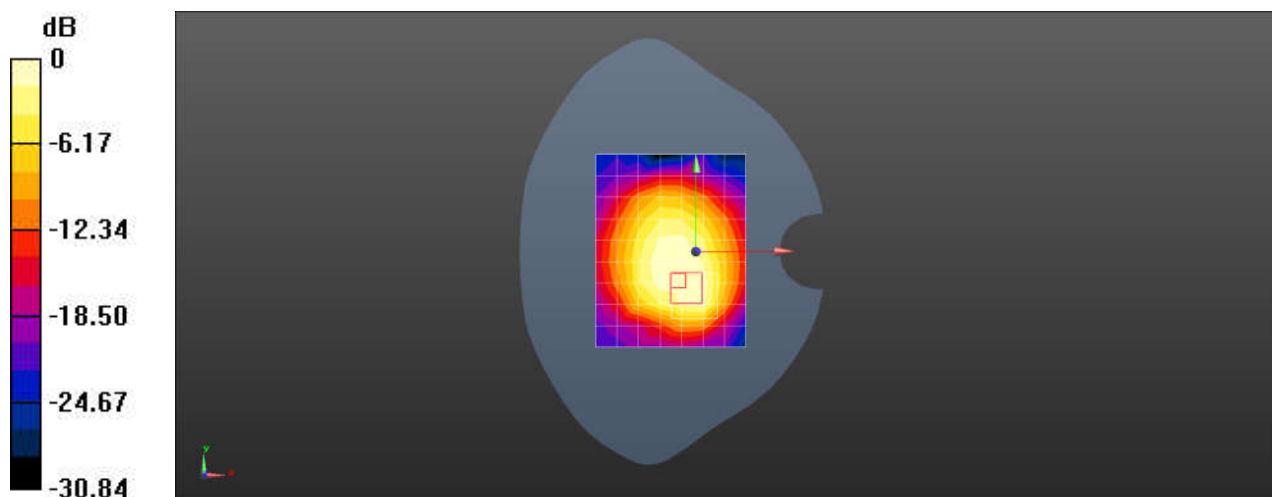
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.63 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.149 W/kg

Maximum value of SAR (measured) = 0.452 W/kg



0 dB = 0.411 W/kg = -3.86 dBW/kg

Test Laboratory: SGS-SAR Lab

GLMT23A01 WIFI2.4G 802.11b 6CH Back side 5mm

DUT: GLMT23A01; Type: Revolutionary Intelligent KeyChain; Serial: 353682680194659

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1.005

Medium: HSL2450;Medium parameters used: $f = 2437$ MHz; $\sigma = 1.801$ S/m; $\epsilon_r = 38.545$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.8, 7.8, 7.8); Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2023/11/3
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x12x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.825 W/kg

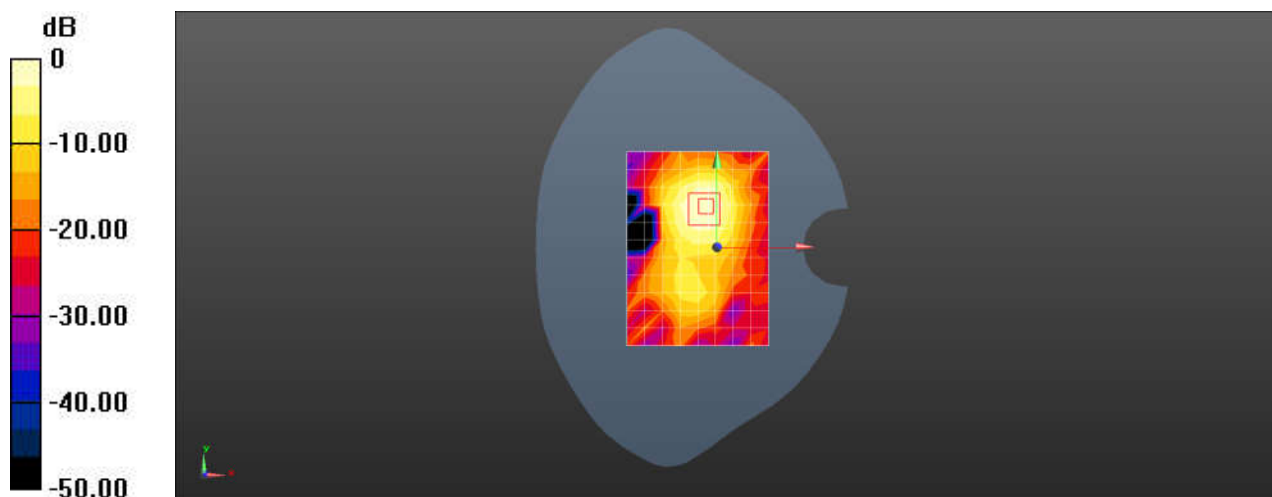
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.441 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.625 W/kg; SAR(10 g) = 0.308 W/kg

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



0 dB = 0.825 W/kg = -0.84 dBW/kg

Test Laboratory: SGS-SAR Lab

GLMT23A01 Bluetooth DH5 0CH Back side 5mm

DUT: GLMT23A01; Type: Revolutionary Intelligent KeyChain; Serial: 353682680194659

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:3.448

Medium: HSL2450; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.758$ S/m; $\epsilon_r = 38.667$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.8, 7.8, 7.8); Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2023/11/3
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x12x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0318 W/kg

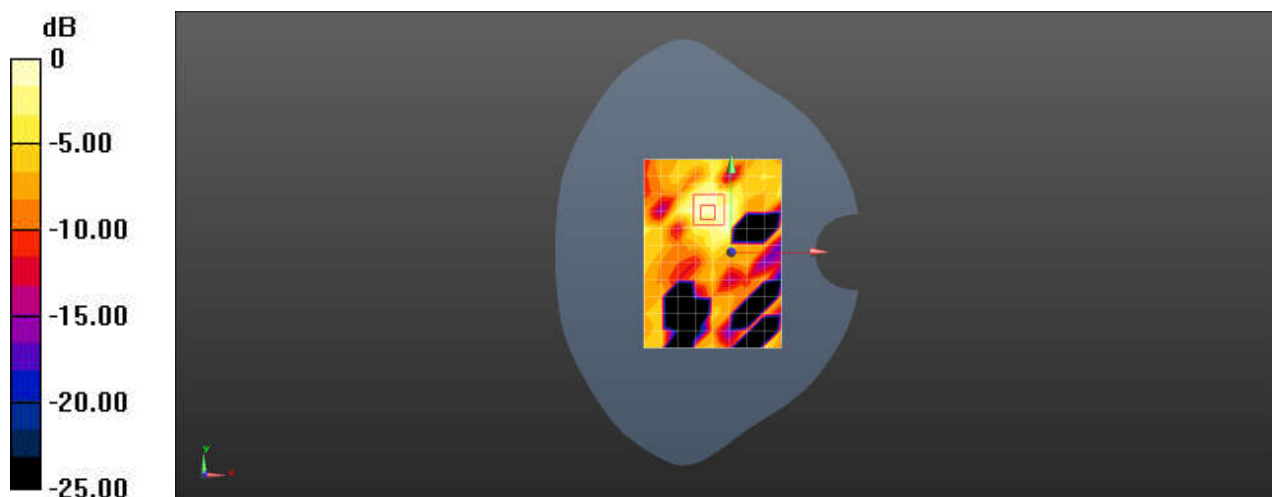
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.439 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0582 W/kg



0 dB = 0.0318 W/kg = -14.98 dBW/kg