



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd

Report No.: SUCR241100048401
Rev.: 01

Appendix B
Detailed Test Results

1. LTE
LTE Band 2
LTE Band 5
LTE Band 7
LTE Band 66
2. WIFI 2.4G

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Test Laboratory: SGS-SAR Lab

Q181 Mini LTE Band 2 20M QPSK 1RB0 Ch19100 Top side 0 mm

DUT: Q181 Mini; Type: Cloud Soundbox; Serial: 868228075084460

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL1950; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.394$ S/m; $\epsilon_r = 40.64$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.5, 8.5, 8.5); Calibrated: 2024/04/29
- 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) = 5.37 W/kg

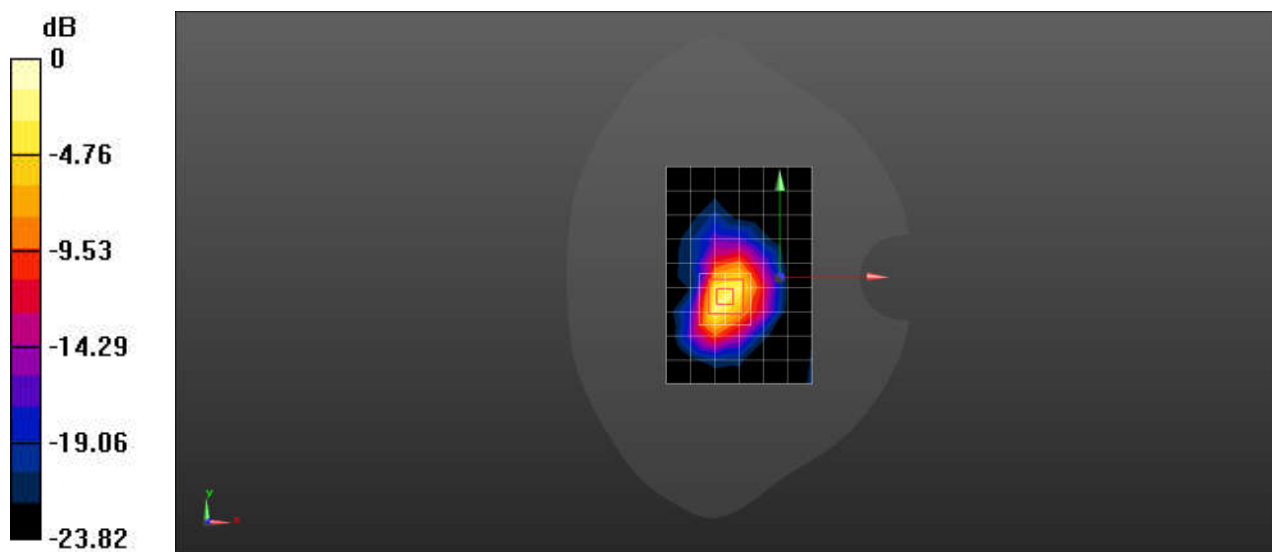
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.43 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 11.3 W/kg

SAR(1 g) = 5.52 W/kg; SAR(10 g) = 2.45 W/kg

Maximum value of SAR (measured) = 9.56 W/kg



0 dB = 9.56 W/kg = 9.80 dBW/kg

Test Laboratory: SGS-SAR Lab

Q181 Mini LTE Band 5 10M QPSK 1RB0 Ch20525 Back side 0 mm

DUT: Q181 Mini; Type: Cloud Soundbox; Serial: 868228075084460

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 41.041$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.35, 10.35, 10.35); Calibrated: 2024/04/29
- 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 (9x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.340 W/kg

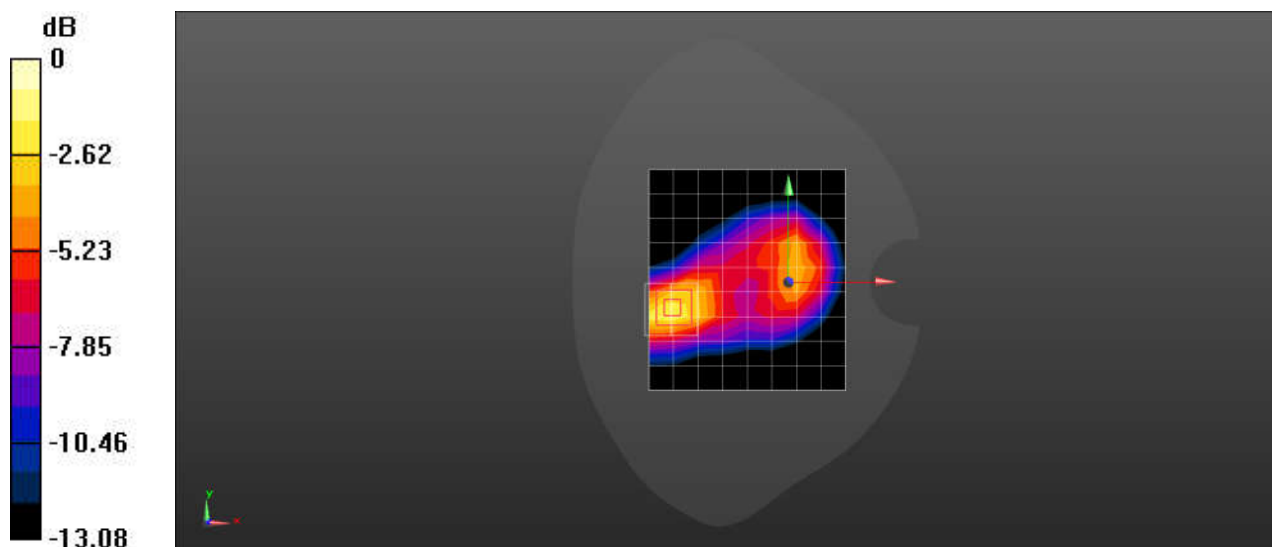
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.55 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.601 W/kg

SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.175 W/kg

Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.508 W/kg = -2.94 dBW/kg

Test Laboratory: SGS-SAR Lab

Q181 Mini LTE Band 7 20M QPSK 1RB0 Ch20850 Top side 0 mm

DUT: Q181 Mini; Type: Cloud Soundbox; Serial: 868228075084460

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium: HSL2600;Medium parameters used: $f = 2510$ MHz; $\sigma = 1.887$ S/m; $\epsilon_r = 38.888$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.1, 8.1, 8.1); Calibrated: 2024/04/29
- 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 (9x12x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 11.1 W/kg

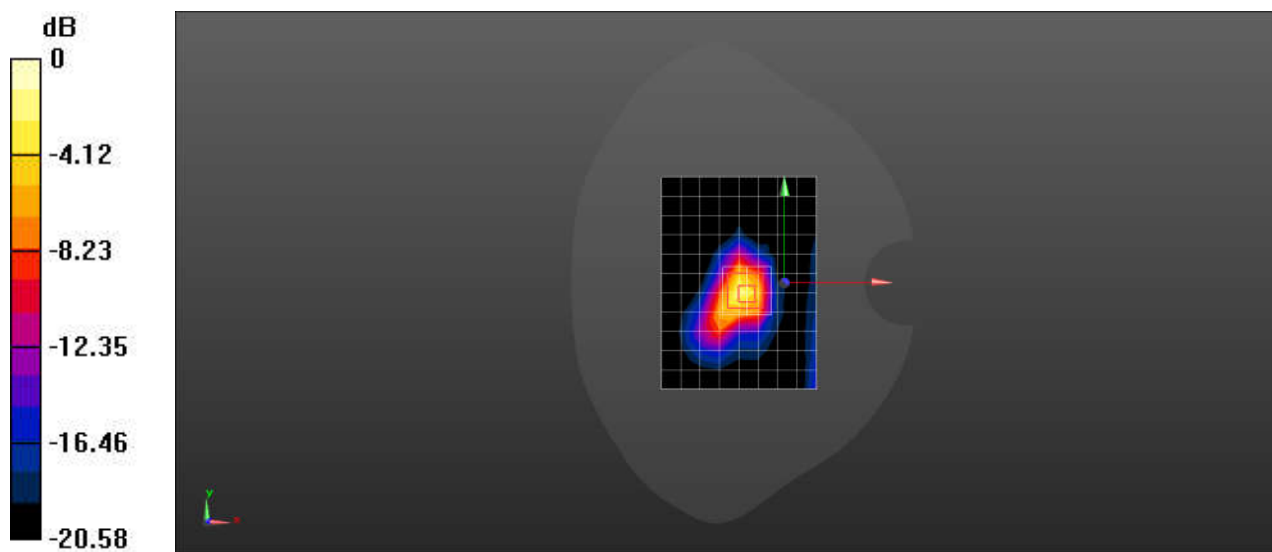
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 84.09 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 19.6 W/kg

SAR(1 g) = 8.86 W/kg; SAR(10 g) = 3.59 W/kg

Maximum value of SAR (measured) = 15.8 W/kg



0 dB = 15.8 W/kg = 11.99 dBW/kg

Test Laboratory: SGS-SAR Lab

Q181 Mini LTE Band 66 20M QPSK 1RB0 Ch132322 Top side 0 mm

DUT: Q181 Mini; Type: Cloud Soundbox; Serial: 868228075084460

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

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.308$ S/m; $\epsilon_r = 40.213$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.86, 8.86, 8.86); Calibrated: 2024/04/29
- 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) = 3.95 W/kg

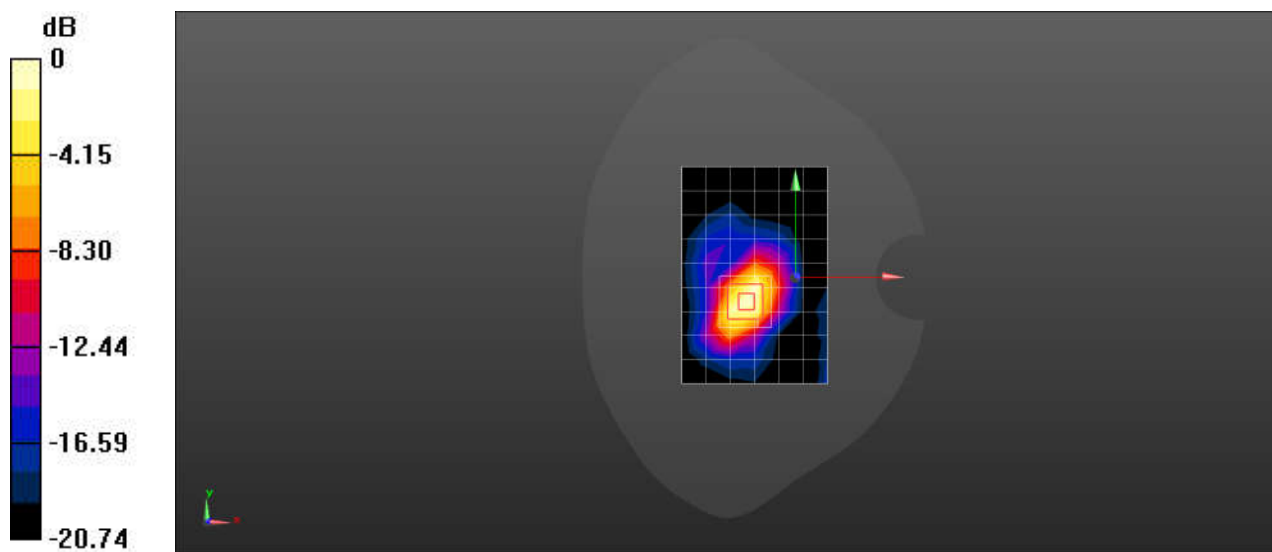
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.90 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 6.61 W/kg

SAR(1 g) = 3.17 W/kg; SAR(10 g) = 1.65 W/kg

Maximum value of SAR (measured) = 4.64 W/kg



0 dB = 4.64 W/kg = 6.67 dBW/kg

Test Laboratory: SGS-SAR Lab

Q181 Mini WIFI2.4G 802.11b Ch6 Bottom side 0 mm

DUT: Q181 Mini; Type: Cloud Soundbox; Serial: 868228075084460

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

Medium: HSL2450;Medium parameters used: $f = 2437$ MHz; $\sigma = 1.758$ S/m; $\epsilon_r = 37.992$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.1, 8.1, 8.1); Calibrated: 2024/04/29
- 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 (9x12x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.00693 W/kg

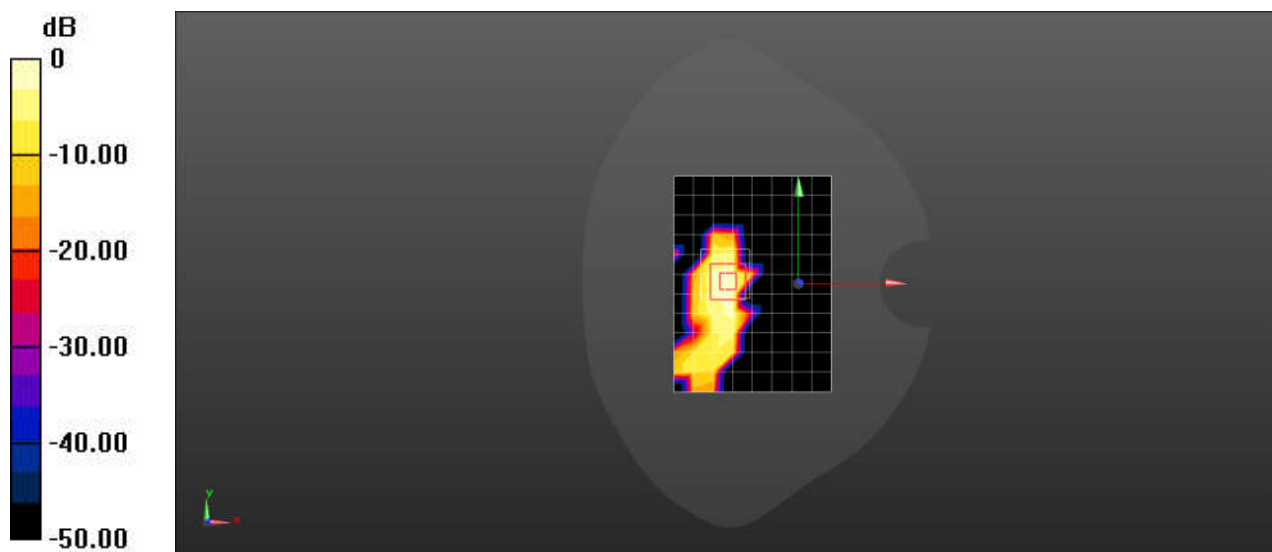
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.2070 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0150 W/kg

SAR(1 g) = 0.0058 W/kg; SAR(10 g) = 0.00204 W/kg

Maximum value of SAR (measured) = 0.0103 W/kg



0 dB = 0.0103 W/kg = -19.87 dBW/kg