



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

Report No.: SUCR250200012901

Rev.: 01

Appendix B

Detailed Test Results

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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.

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

South of No. 6 Plant, No. 1, RunSheng Road, Suzhou Industrial Park,
Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

t (86-512) 6229 2980
www.sgsgroup.com.cn

Test Laboratory: SGS-SAR Lab

Q161 Pro GSM850 GPRS 2TS Ch190 Bottom side 0mm

DUT: Q161 Pro; Type: SoundBox; Serial: 867567053398220

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium: HSL835; Medium parameters used: $f = 837$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 42.177$; $\rho = 1000$ 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 (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.288 W/kg

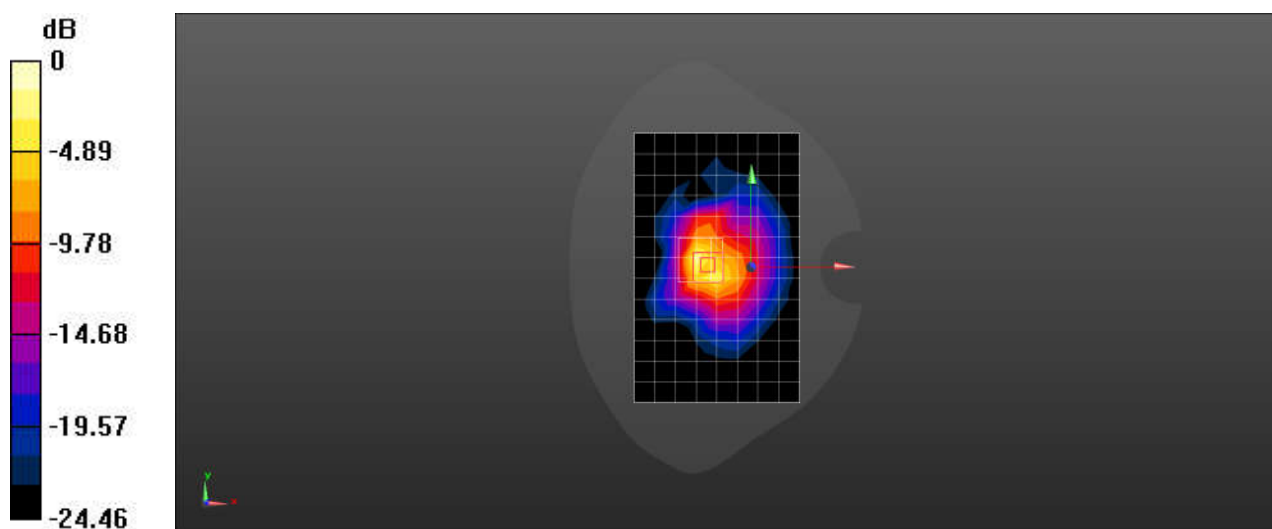
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.08 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.930 W/kg

SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.089 W/kg

Maximum value of SAR (measured) = 0.427 W/kg



0 dB = 0.427 W/kg = -3.70 dBW/kg

Test Laboratory: SGS-SAR Lab

Q161 Pro GSM1900 GPRS 2TS Ch661 Front side 0mm

DUT: Q161 Pro; Type: SoundBox; Serial: 867567053398220

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: HSL1950; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.336$ S/m; $\epsilon_r = 39.255$; $\rho = 1000$ 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 (9x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.745 W/kg

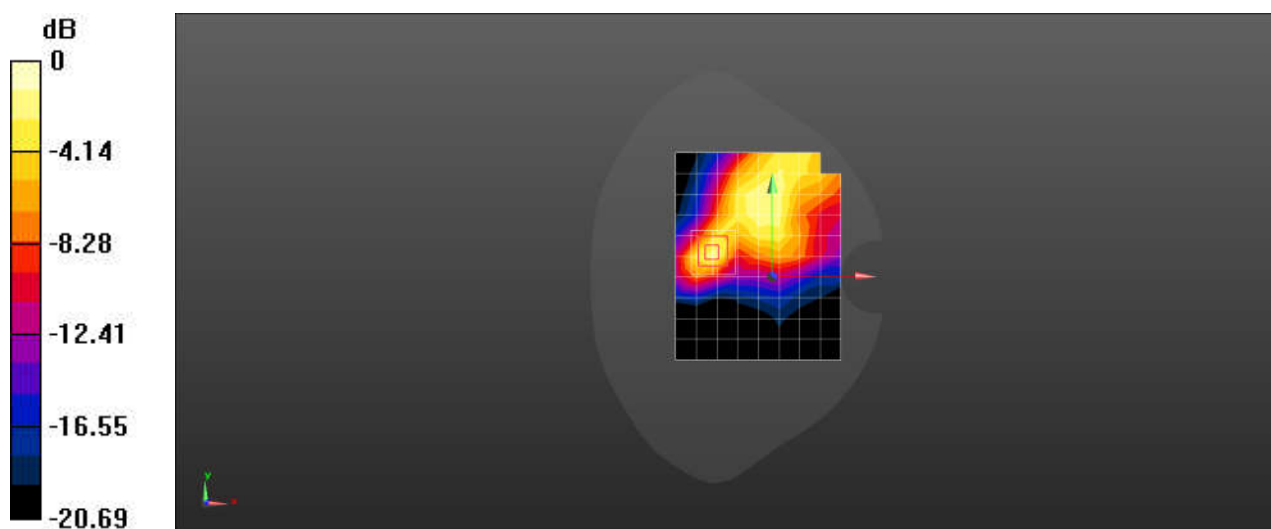
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.528 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.248 W/kg

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



0 dB = 1.11 W/kg = 0.45 dBW/kg

Test Laboratory: SGS-SAR Lab

Q161 Pro LTE Band 2 20M QPSK 1RB0 Ch18900 Front side 0mm

DUT: Q161 Pro; Type: SoundBox; Serial: 867567053398220

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; $\epsilon_r = 39.255$; $\rho = 1000$ 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 (10x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.32 W/kg

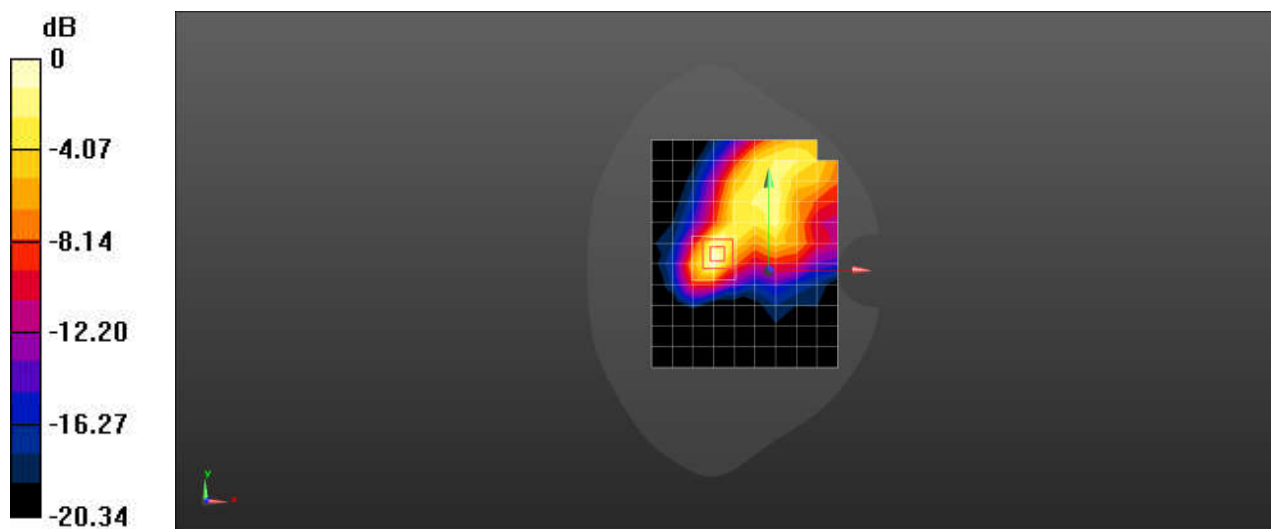
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.19 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.349 W/kg

Maximum value of SAR (measured) = 1.33 W/kg



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

Test Laboratory: SGS-SAR Lab

Q161 Pro LTE Band 5 10M QPSK 1RB0 Ch20525 Bottom side 0mm

DUT: Q161 Pro; Type: SoundBox; Serial: 867567053398220

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; $\sigma = 0.901$ S/m; $\epsilon_r = 42.294$; $\rho = 1000$ 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 (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.292 W/kg

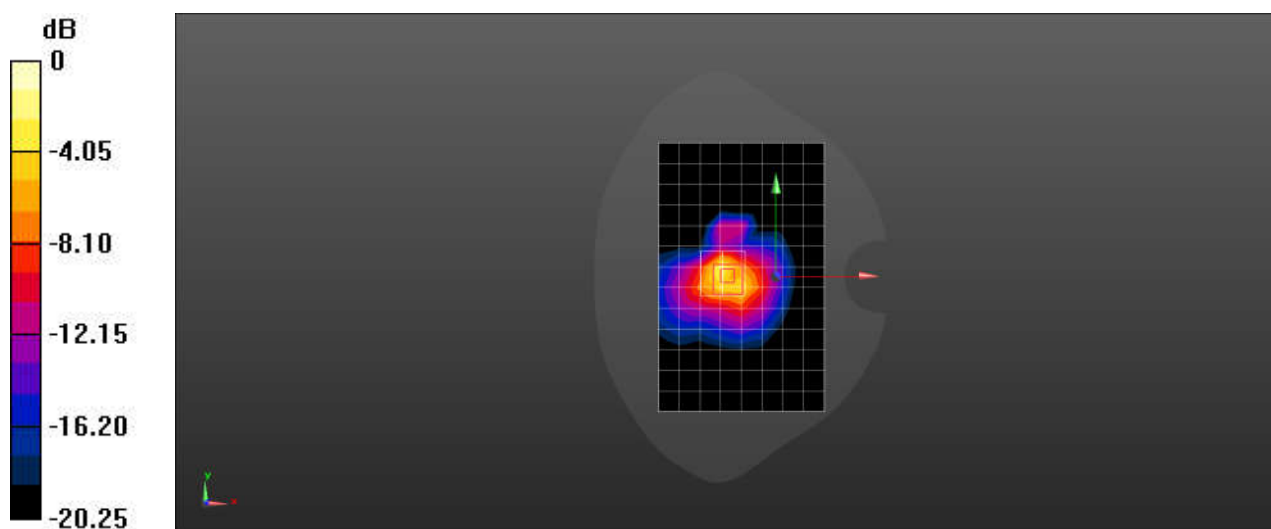
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.78 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.734 W/kg

SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.501 W/kg



0 dB = 0.501 W/kg = -3.00 dBW/kg

Test Laboratory: SGS-SAR Lab

Q161 Pro LTE Band 7 20M QPSK 1RB0 Ch21100 Bottom side 0mm

DUT: Q161 Pro; Type: SoundBox; Serial: 867567053398220

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2535$ MHz; $\sigma = 1.917$ S/m; $\epsilon_r = 38.758$; $\rho = 1000$ 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 (7x12x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 6.84 W/kg

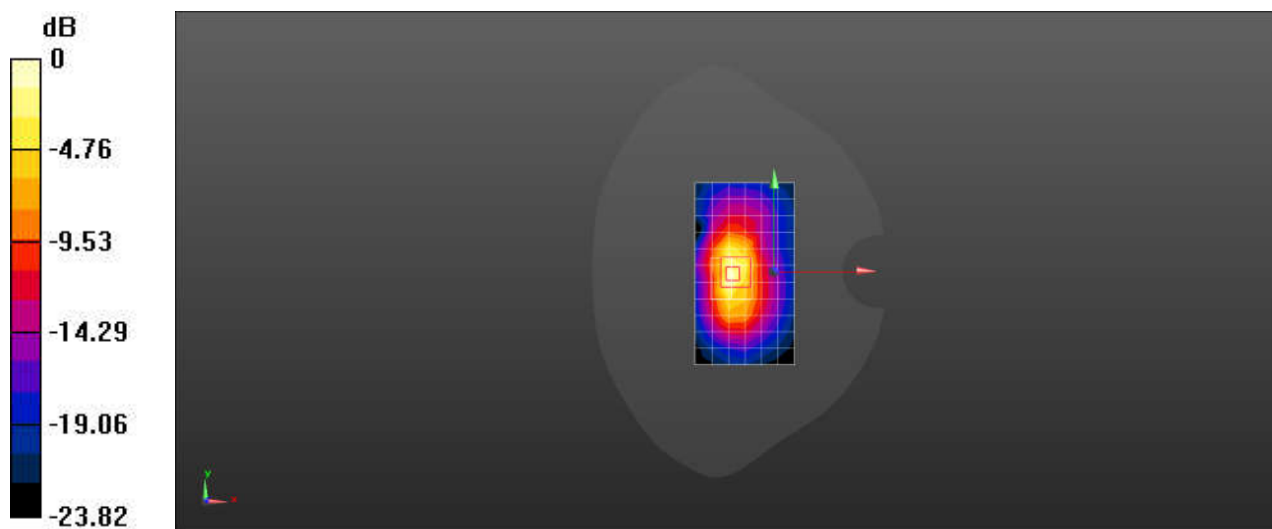
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.68 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 9.98 W/kg

SAR(1 g) = 3.5 W/kg; SAR(10 g) = 1.48 W/kg

Maximum value of SAR (measured) = 7.13 W/kg



Test Laboratory: SGS-SAR Lab

Q161 Pro LTE Band 66 20M QPSK 1RB0 Ch132322 Front side 0mm

DUT: Q161 Pro; Type: SoundBox; Serial: 867567053398220

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; $\epsilon_r = 38.846$; $\rho = 1000$ 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 (10x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.639 W/kg

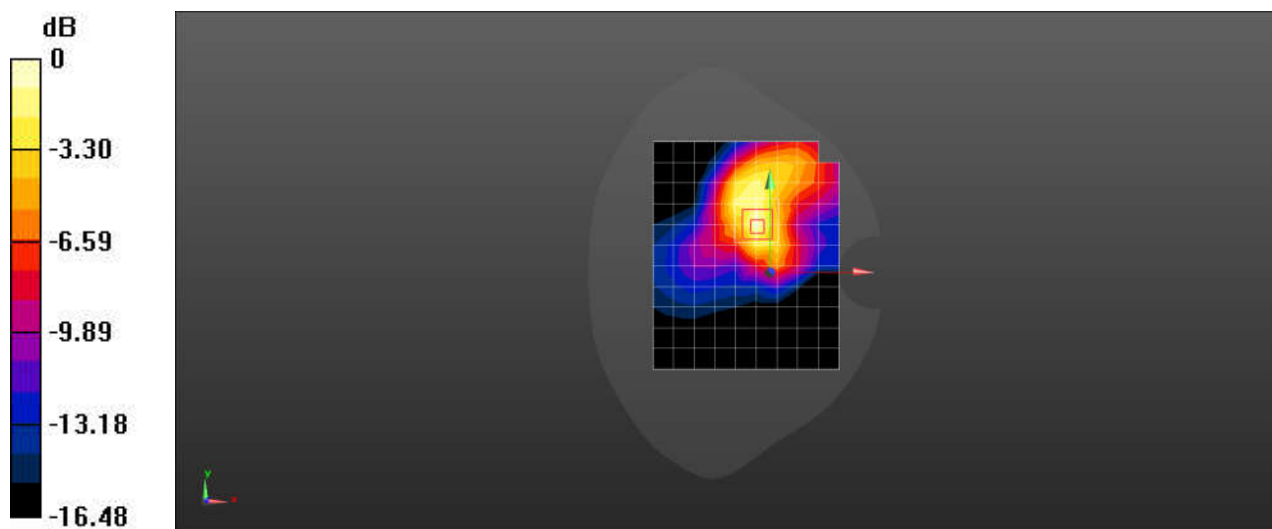
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.236 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.833 W/kg

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.235 W/kg

Maximum value of SAR (measured) = 0.679 W/kg



0 dB = 0.679 W/kg = -1.68 dBW/kg

Test Laboratory: SGS-SAR Lab

Q161 Pro WIFI2.4G 802.11b Ch11 Left side 0mm

DUT: Q161 Pro; Type: SoundBox; Serial: 867567053398220

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz;Duty Cycle: 1:1.011

Medium: HSL2450;Medium parameters used: $f = 2462$ MHz; $\sigma = 1.831$ S/m; $\epsilon_r = 38.732$; $\rho = 1000$ 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 (7x12x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.87 W/kg

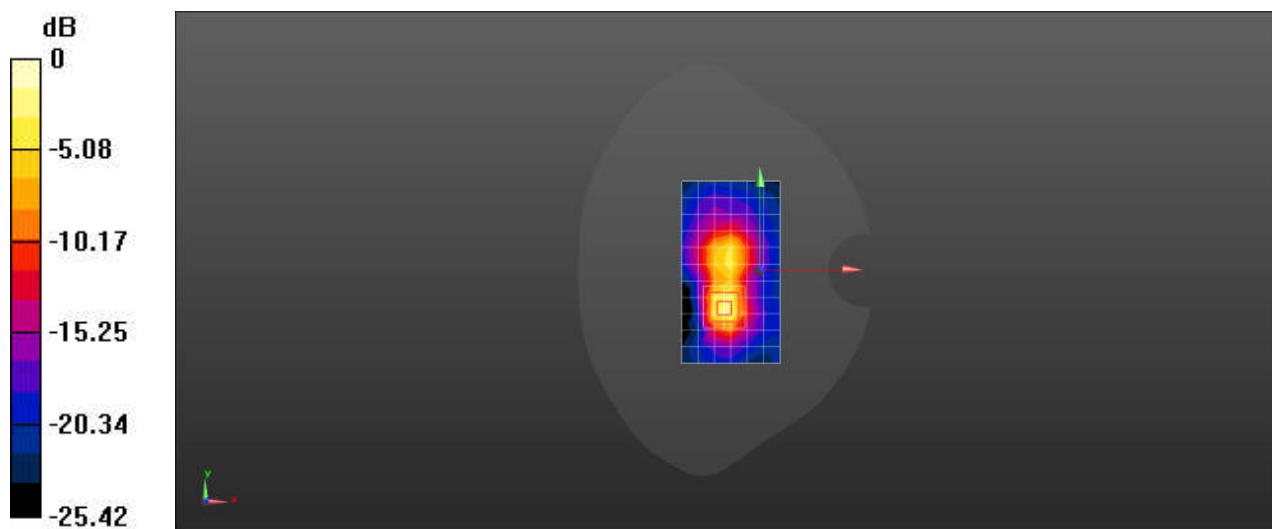
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.73 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 4.07 W/kg

SAR(1 g) = 1.54 W/kg; SAR(10 g) = 0.589 W/kg

Maximum value of SAR (measured) = 2.92 W/kg



0 dB = 2.92 W/kg = 4.65 dBW/kg