

Appendix B

Detailed Test Results

1. GSM
GSM835 for Body
2. WCDMA
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4. WIFI
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WIFI 5G for Body

Test Laboratory: SGS-SAR Lab

Sky_M2 GSM850 GPRS 2TS 190CH Front side 10mm

DUT: Sky_M2; Type: Cloud Mobile; Serial: 354366610103522

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; $\sigma = 0.894$ S/m; $\epsilon_r = 42.997$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.29, 10.29, 10.29); Calibrated: 2023-01-06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2023-06-05
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.841 W/kg

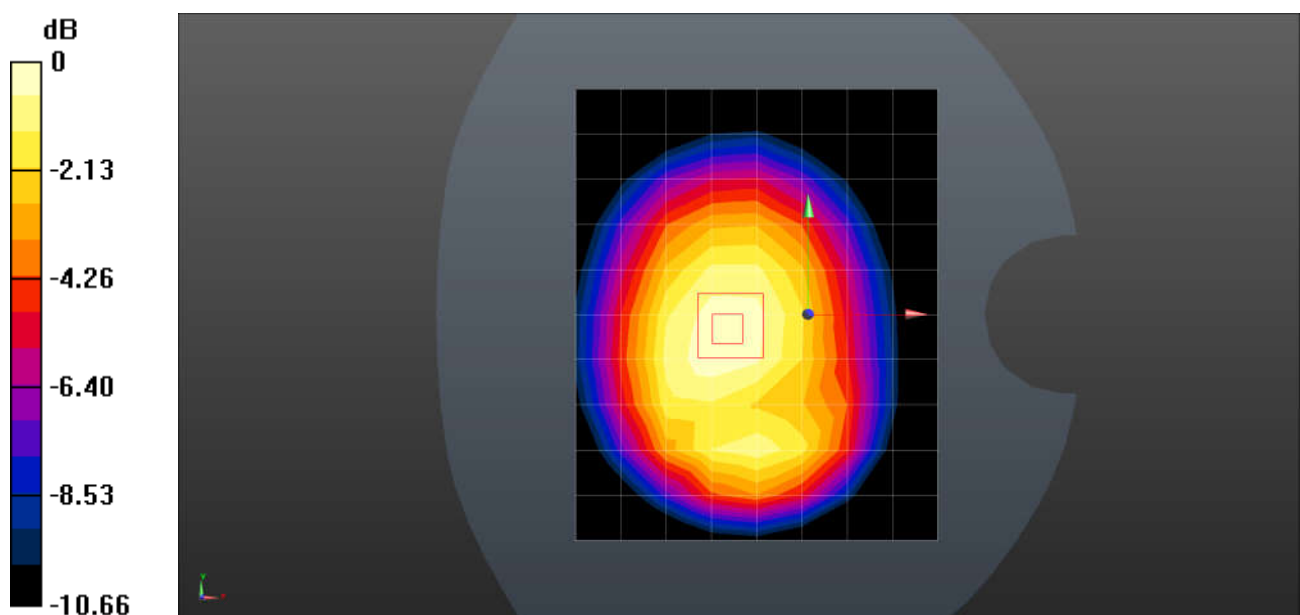
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.71 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.979 W/kg

SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.514 W/kg

Maximum value of SAR (measured) = 0.891 W/kg



0 dB = 0.891 W/kg = -0.50 dBW/kg

Test Laboratory: SGS-SAR Lab

Sky_M2 WCDMA IV RMC 1513CH Front side 10mm

DUT: Sky_M2; Type: Cloud Mobile; Serial: 354366610103522

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1753$ MHz; $\sigma = 1.343$ S/m; $\epsilon_r = 40.012$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.65, 8.65, 8.65); Calibrated: 2023-06-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2023-06-05
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.09 W/kg

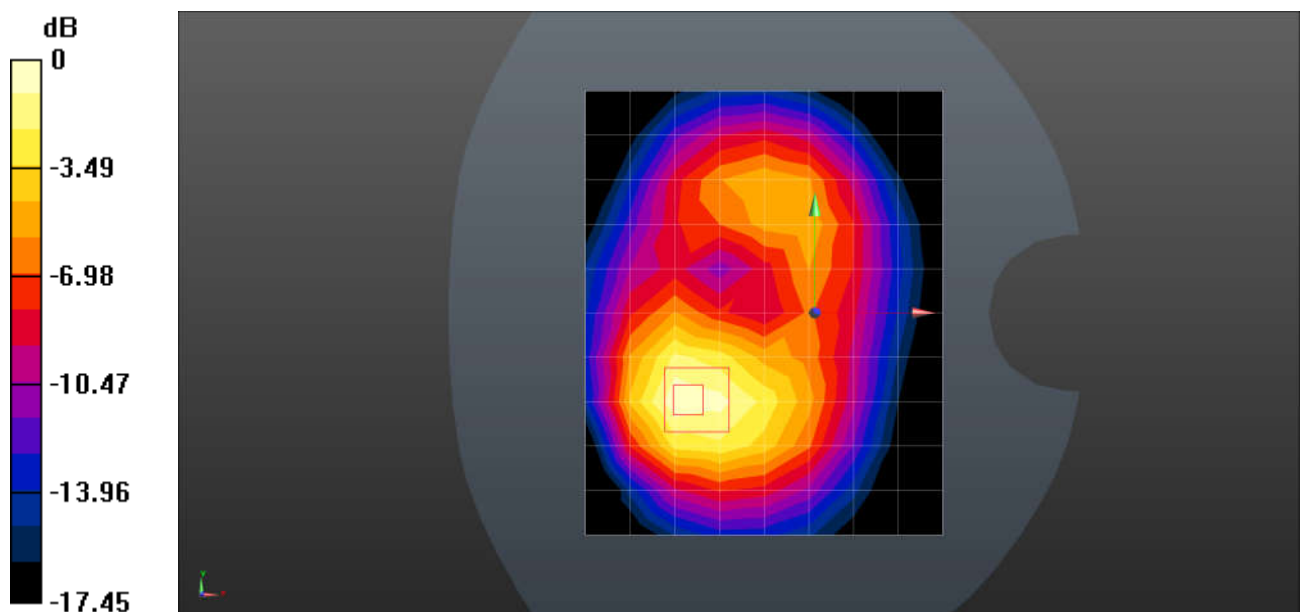
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.859 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.460 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

Sky_M2 LTE Band 2 20M QPSK 1RB50 19100CH Front side 10mm

DUT: Sky_M2; Type: Cloud Mobile; Serial: 354366610103522

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

Medium: HSL1950; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.388$ S/m; $\epsilon_r = 39.344$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.49, 8.49, 8.49); Calibrated: 2023-01-06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2023-06-05
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.01 W/kg

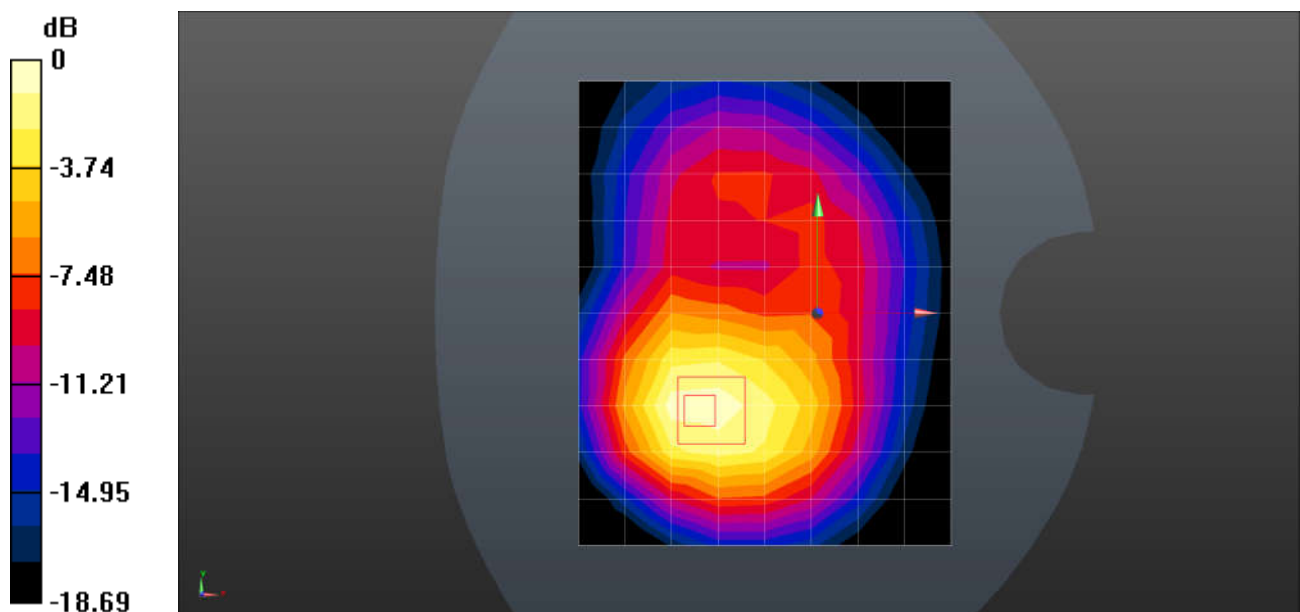
Configuration/Body/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.664 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.744 W/kg; SAR(10 g) = 0.441 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

Test Laboratory: SGS-SAR Lab

Sky_M2 LTE Band 7 20M QPSK 1RB50 21100CH Front side 10mm

DUT: Sky_M2; Type: Cloud Mobile; Serial: 354366610103522

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

Medium: HSL2600; Medium parameters used: $f = 2535$ MHz; $\sigma = 1.868$ S/m; $\epsilon_r = 38.942$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.9, 7.9, 7.9); Calibrated: 2023-01-06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2023-06-05
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x13x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.880 W/kg

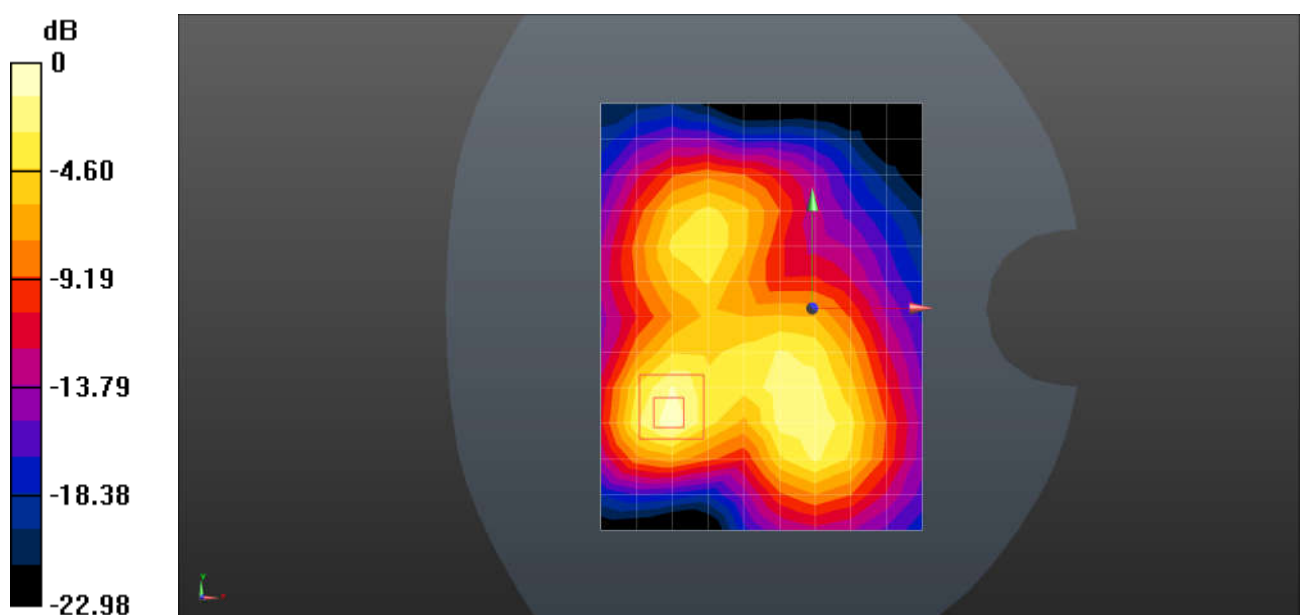
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.789 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.266 W/kg

Maximum value of SAR (measured) = 0.976 W/kg



0 dB = 0.976 W/kg = -0.11 dBW/kg

Test Laboratory: SGS-SAR Lab

Sky_M2 LTE Band 12 10M QPSK 1RB25 23095CH Front side 10mm

DUT: Sky_M2; Type: Cloud Mobile; Serial: 354366610103522

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; $\sigma = 0.855$ S/m; $\epsilon_r = 43.044$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(10.71, 10.71, 10.71); Calibrated: 2023-01-06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2023-06-05
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.547 W/kg

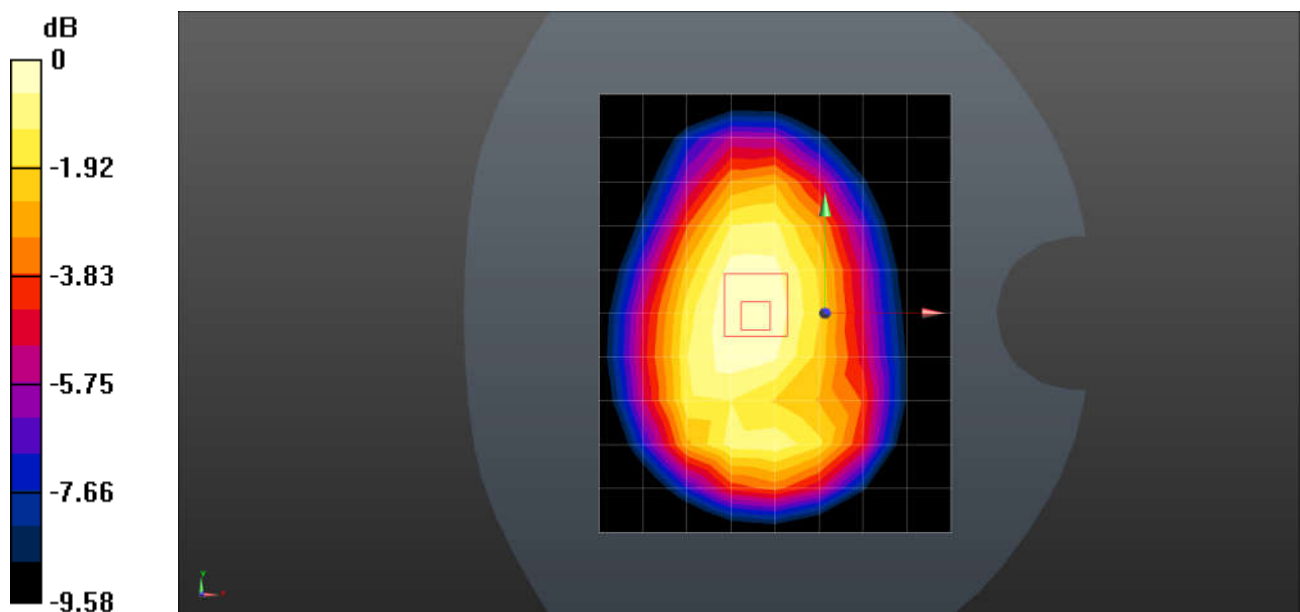
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.09 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.625 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.334 W/kg

Maximum value of SAR (measured) = 0.562 W/kg



0 dB = 0.562 W/kg = -2.50 dBW/kg

Test Laboratory: SGS-SAR Lab

Sky_M2 WIFI2.4G 802.11b 6CH Front side 10mm

DUT: Sky_M2; Type: Cloud Mobile; Serial: 354366610103522

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

Medium: HSL2450;Medium parameters used: $f = 2437$ MHz; $\sigma = 1.752$ S/m; $\epsilon_r = 40.338$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(7.9, 7.9, 7.9); Calibrated: 2023-01-06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2023-06-05
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x13x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.609 W/kg

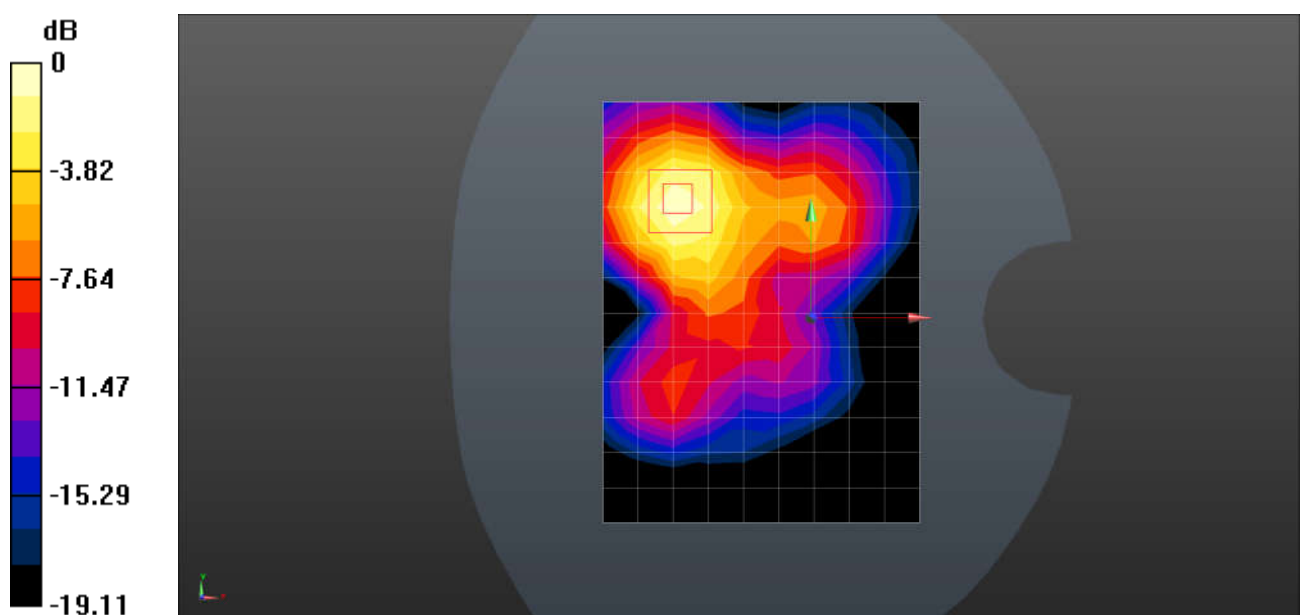
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.229 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.631 W/kg



0 dB = 0.631 W/kg = -2.00 dBW/kg

Test Laboratory: SGS-SAR Lab

Sky_M2 WIFI5G 802.11ac 80M 58CH Left side 10mm

DUT: Sky_M2; Type: Cloud Mobile; Serial: 354366610103522

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5290 MHz;Duty Cycle: 1:1

Medium: HSL5G;Medium parameters used: $f = 5290$ MHz; $\sigma = 4.855$ S/m; $\epsilon_r = 36.611$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(5.65, 5.65, 5.65); Calibrated: 2023-01-06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2023-06-05
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.249 W/kg

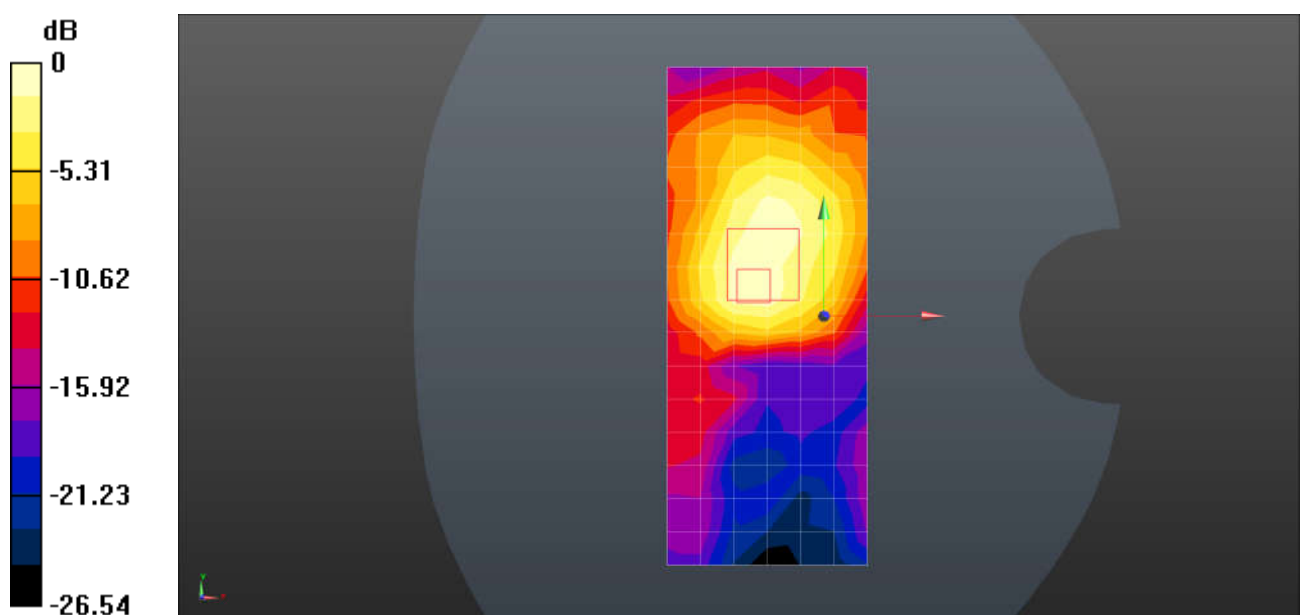
Configuration/Body/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.679 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.278 W/kg



0 dB = 0.278 W/kg = -5.56 dBW/kg

Test Laboratory: SGS-SAR Lab

Sky_M2 WIFI5G 802.11ac 80M 106CH Left side 10mm

DUT: Sky_M2; Type: Cloud Mobile; Serial: 354366610103522

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5530 MHz;Duty Cycle: 1:1

Medium: HSL5G;Medium parameters used: $f = 5530$ MHz; $\sigma = 5.122$ S/m; $\epsilon_r = 36.151$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(5.05, 5.05, 5.05); Calibrated: 2023-01-06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2023-06-05
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (7x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.203 W/kg

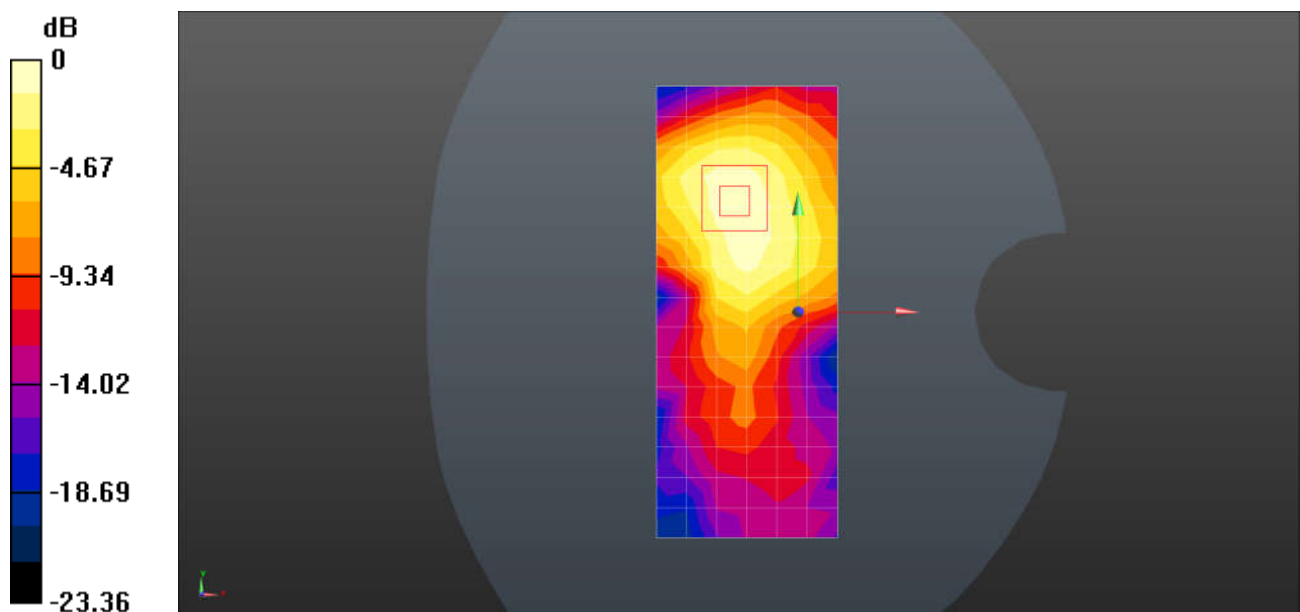
Configuration/Body/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.293 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.308 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.208 W/kg



0 dB = 0.208 W/kg = -6.82 dBW/kg

Test Laboratory: SGS-SAR Lab

Sky_M2 WIFI5G 802.11ac 80M 155CH Front side 10mm

DUT: Sky_M2; Type: Cloud Mobile; Serial: 354366610103522

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5775 MHz;Duty Cycle: 1:1

Medium: HSL5G;Medium parameters used: $f = 5775$ MHz; $\sigma = 5.419$ S/m; $\epsilon_r = 35.675$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(5.15, 5.15, 5.15); Calibrated: 2023-01-06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2023-06-05
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (11x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.460 W/kg

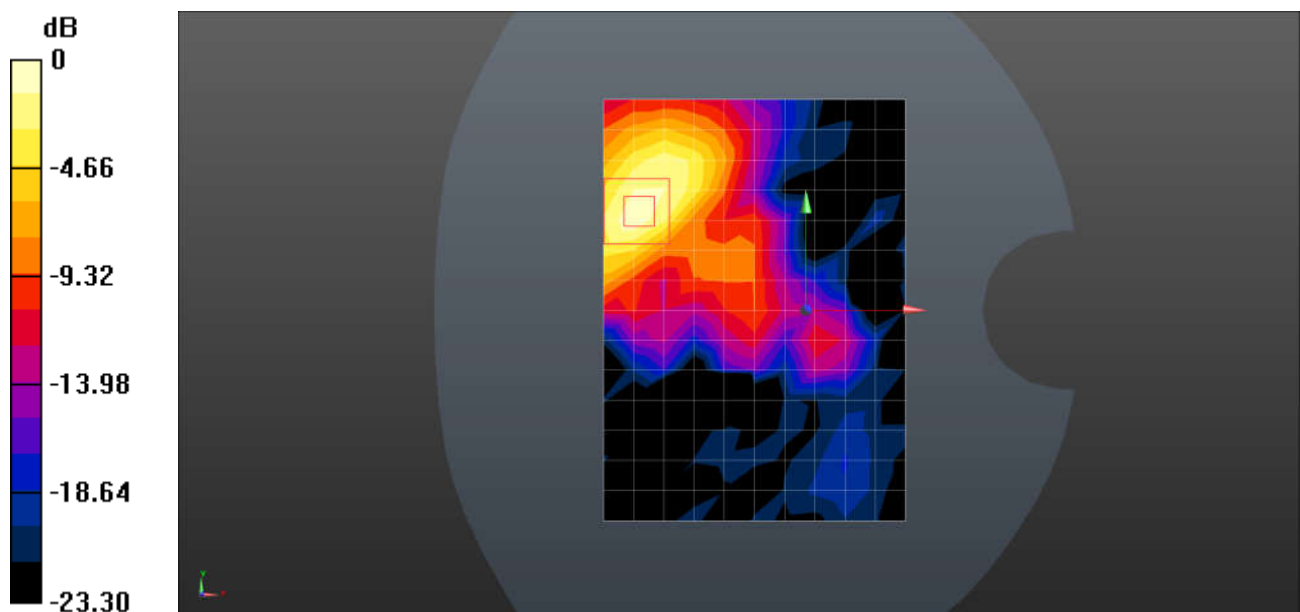
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.513 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.753 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.468 W/kg



0 dB = 0.468 W/kg = -3.30 dBW/kg