Appendix B

Detailed Test Results

1. GSM
GSM850 for Head & Body
GSM1900 for Head & Body
2. WCDMA
WCDMA Band II for Head & Body
WCDMA Band V for Head & Body
3. LTE
LTE Band 5 for Head & Body
LTE Band 7 for Head & Body
LTE Band 38 for Head & Body
4. WIFI
WIFI 2.4G for Head & Body

Test Laboratory: SGS-SAR Lab

5028D GSM 850 GSM 190CH Left cheek

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: 85M7ROVWJFGQCUU4

Communication System: UID 0, GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium: HSL835;Medium parameters used: f = 837 MHz; σ = 0.912 S/m; ε_r = 41.599; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.34, 10.34, 10.34); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: SAM 8; Type: SAM; Serial: 1063
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
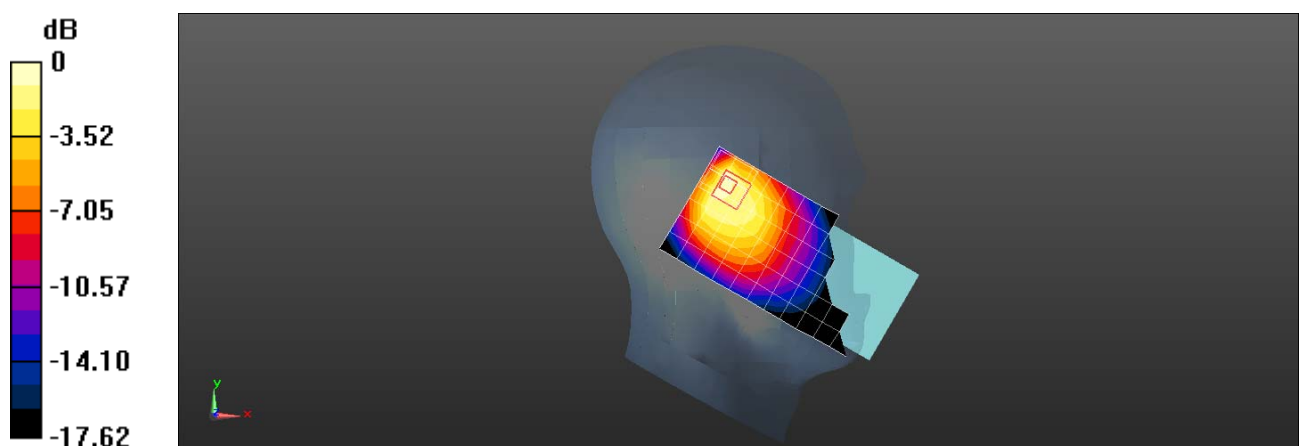Maximum value of SAR (measured) = 0.814 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.15 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.387 W/kg
Maximum value of SAR (measured) = 0.918 W/kg

0 dB = 0.918 W/kg = -0.37 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D GSM850 GPRS 4TS 190CH Right side 10mm

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: 85M7ROVWJFGQCUU4

Communication System: UID 0, GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:2.075

Medium: HSL835;Medium parameters used: f = 837 MHz; σ = 0.912 S/m; ε_r = 41.599; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.34, 10.34, 10.34); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: SAM 8; Type: SAM; Serial: 1063
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm
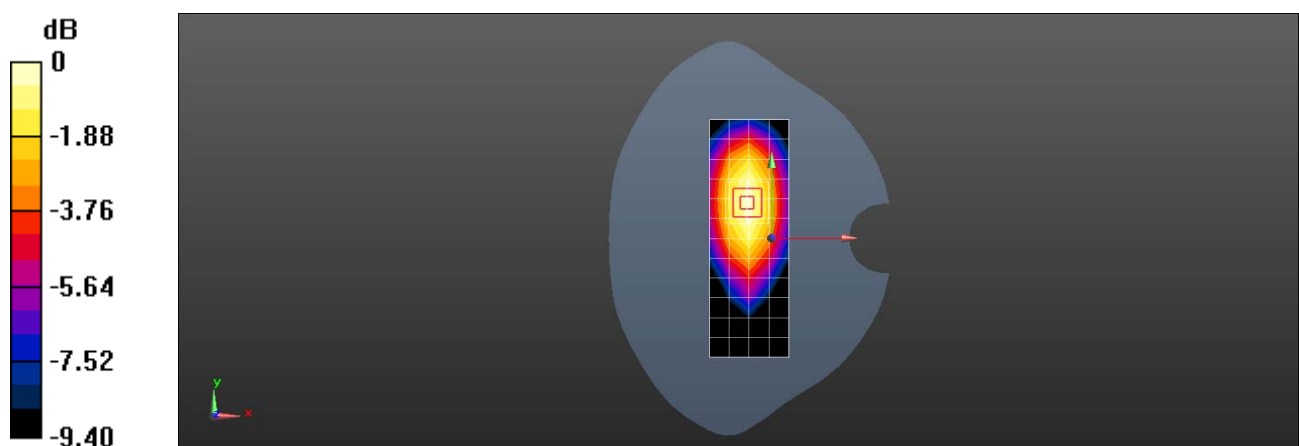Maximum value of SAR (measured) = 0.233 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.20 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.277 W/kg
SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.132 W/kg
Maximum value of SAR (measured) = 0.237 W/kg

0 dB = 0.237 W/kg = -6.25 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D GSM 1900 GSM 661CH Right cheek

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: 85M7ROVWJFGQCUU4

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042

Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.367 S/m; ε_r = 38.922; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.31, 7.31, 7.31); Calibrated: 2019-06-19;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
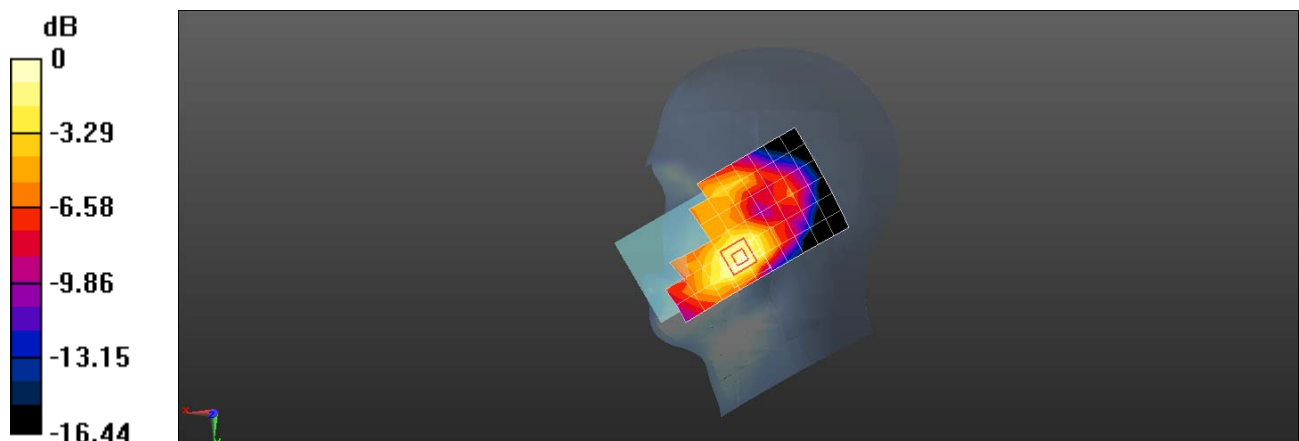Maximum value of SAR (measured) = 0.123 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.478 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.159 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.138 W/kg

0 dB = 0.138 W/kg = -8.60 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D GSM 1900 GPRS 4TS 661CH Bottom side 10mm

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: 85M7ROVWJFGQCUU4

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1880 MHz;Duty Cycle: 1:2.0797

Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.367 S/m; ε_r = 38.922; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.31, 7.31, 7.31); Calibrated: 2019-06-19;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
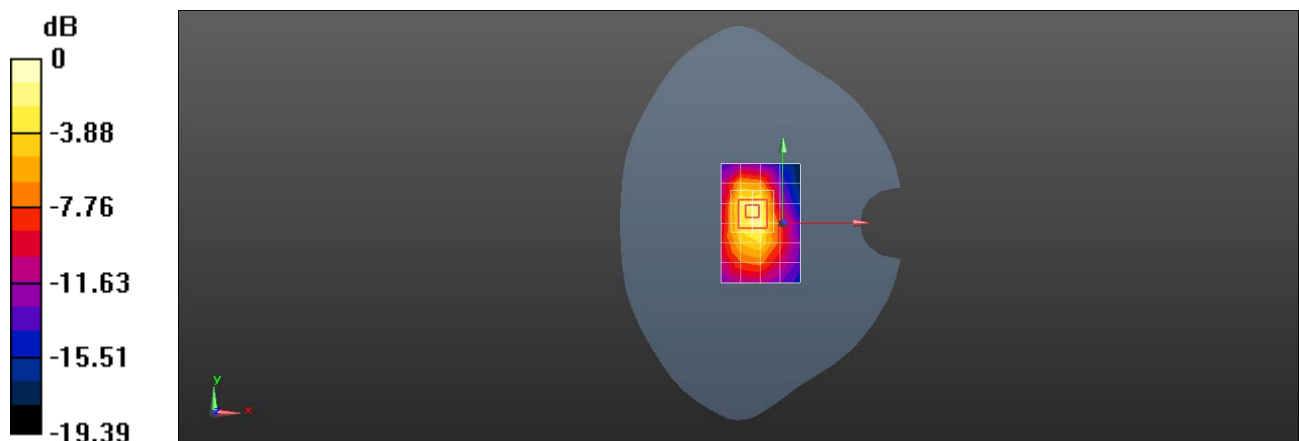Maximum value of SAR (measured) = 0.510 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.65 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.852 W/kg
SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.245 W/kg
Maximum value of SAR (measured) = 0.727 W/kg

0 dB = 0.727 W/kg = -1.38 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D WCDMA Band II 9400CH Right cheek

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: 85M7ROVWJFGQCUU4

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.367 S/m; ε_r = 38.922; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.31, 7.31, 7.31); Calibrated: 2019-06-19;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
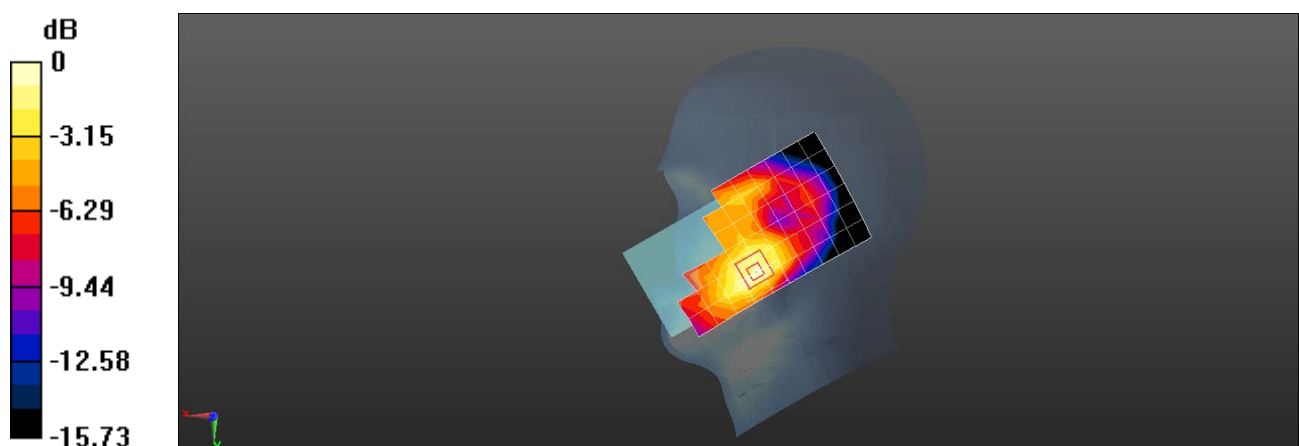Maximum value of SAR (measured) = 0.278 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.560 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.140 W/kg
Maximum value of SAR (measured) = 0.307 W/kg

0 dB = 0.307 W/kg = -5.13 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D WCDMA Band II 9400CH Bottom side 10mm

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: 85M7ROVWJFGQCUU4

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.367 S/m; ε_r = 38.922; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.31, 7.31, 7.31); Calibrated: 2019-06-19;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
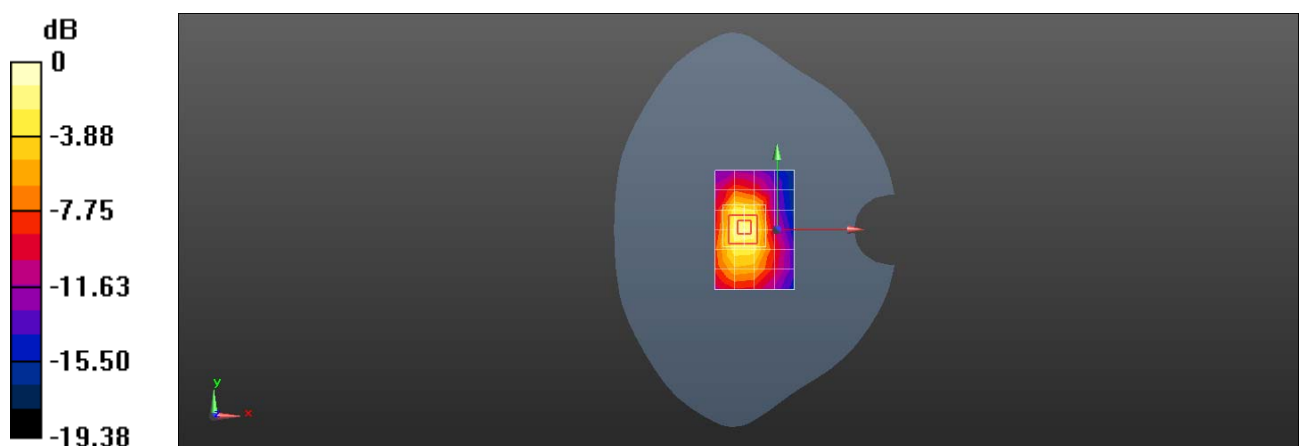Maximum value of SAR (measured) = 0.947 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.778 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.636 W/kg; SAR(10 g) = 0.335 W/kg
Maximum value of SAR (measured) = 0.991 W/kg

0 dB = 0.991 W/kg = -0.04 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D WCDMA Band V 4233CH Right cheek

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: 85M7ROVWJFGQCUU4

Communication System: UID 0, WCDMA Band V; Frequency: 846.6 MHz;Duty Cycle: 1:1

Medium: HSL835;Medium parameters used: f = 847 MHz; σ = 0.919 S/m; ε_r = 41.492; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.34, 10.34, 10.34); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: SAM 8; Type: SAM; Serial: 1063
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
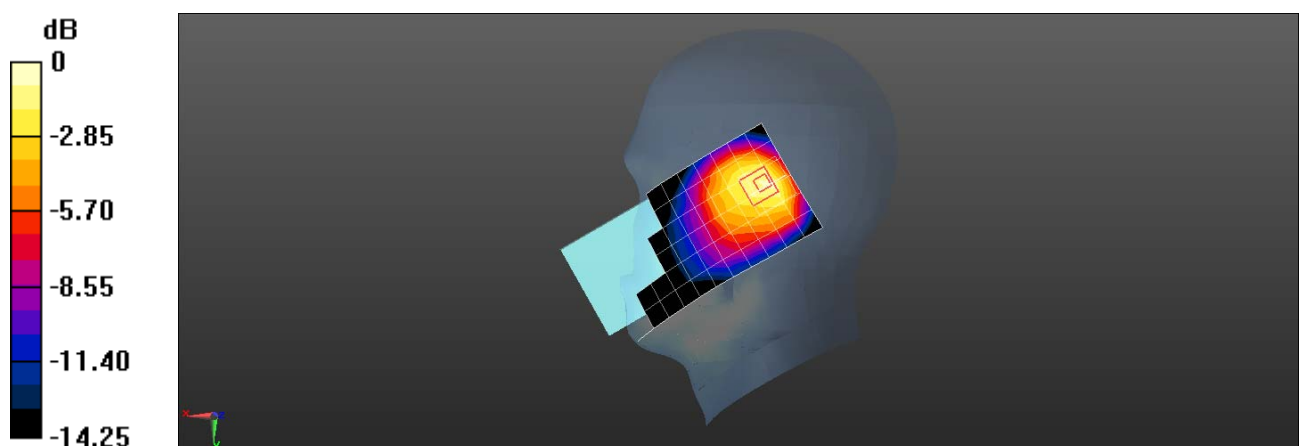Maximum value of SAR (measured) = 0.958 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.62 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.472 W/kg
Maximum value of SAR (measured) = 1.08 W/kg

0 dB = 1.08 W/kg = 0.33 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D WCDMA Band V 4182CH Back side 10mm

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: SG55BYXK8X7LQGZD

Communication System: UID 0, WCDMA Band V; Frequency: 836.4 MHz;Duty Cycle: 1:1

Medium: HSL835;Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.909 S/m; ε_r = 41.614; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.34, 10.34, 10.34); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: SAM 8; Type: SAM; Serial: 1063
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
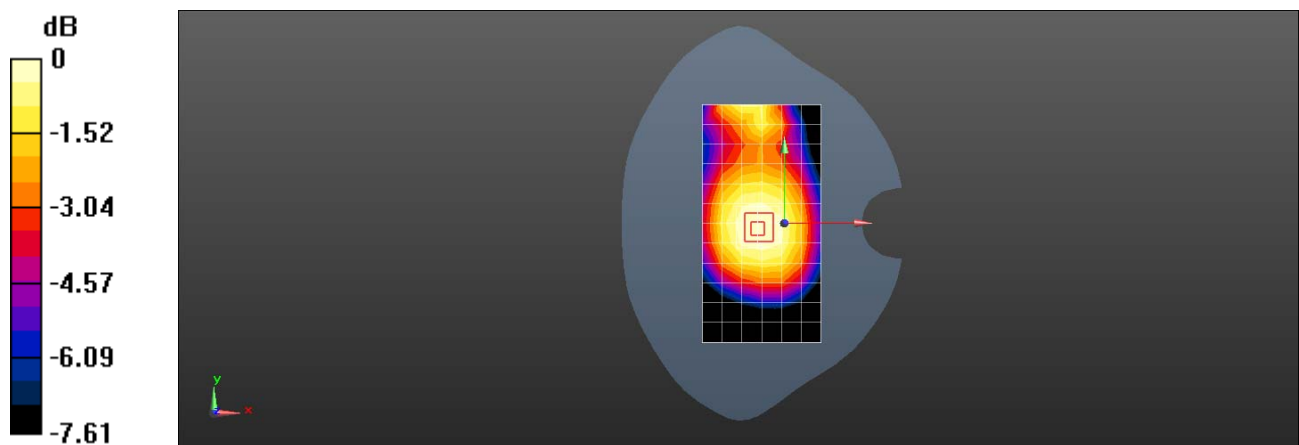Maximum value of SAR (measured) = 0.275 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.82 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.302 W/kg
SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.186 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

0 dB = 0.275 W/kg = -5.61 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D LTE Band 5 10M QPSK 1RB25 20450CH Left cheek

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: 85M7ROVWJFGQCUU4

Communication System: UID 0, LTE Band 5 10MHz; Frequency: 829 MHz;Duty Cycle: 1:1

Medium: HSL835;Medium parameters used: f = 829 MHz; σ = 0.934 S/m; ε_r = 41.801; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.34, 10.34, 10.34); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: SAM 8; Type: SAM; Serial: 1063
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
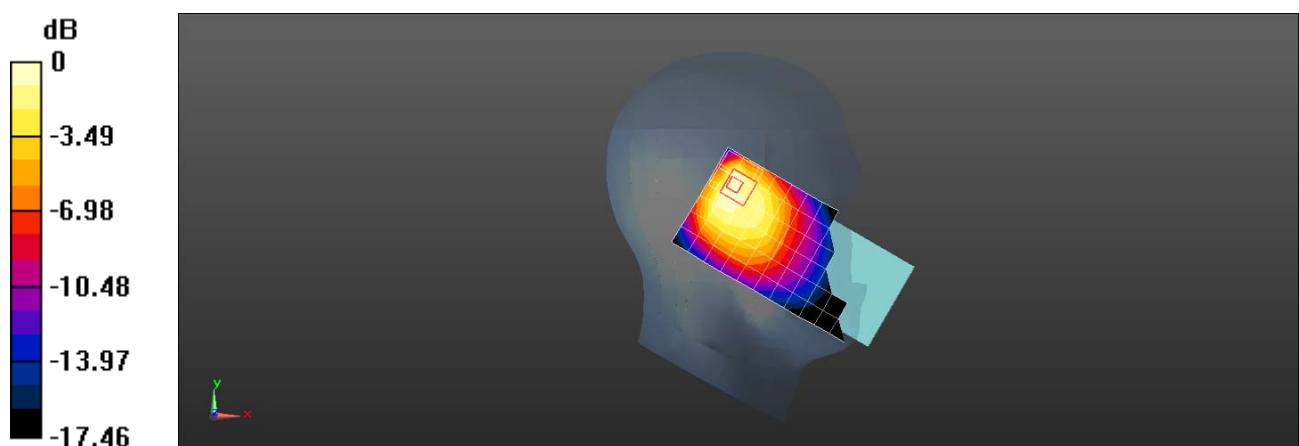Maximum value of SAR (measured) = 0.942 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.69 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.696 W/kg; SAR(10 g) = 0.456 W/kg
Maximum value of SAR (measured) = 1.01 W/kg

0 dB = 1.01 W/kg = 0.04 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D LTE Band 5 10M QPSK 1RB25 20450CH Back side 10mm

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: 85M7ROVWJFGQCUU4

Communication System: UID 0, LTE Band 5 10MHz; Frequency: 829 MHz;Duty Cycle: 1:1

Medium: HSL835;Medium parameters used: f = 829 MHz; σ = 0.934 S/m; ε_r = 41.801; ρ = 1000 kg/m^3
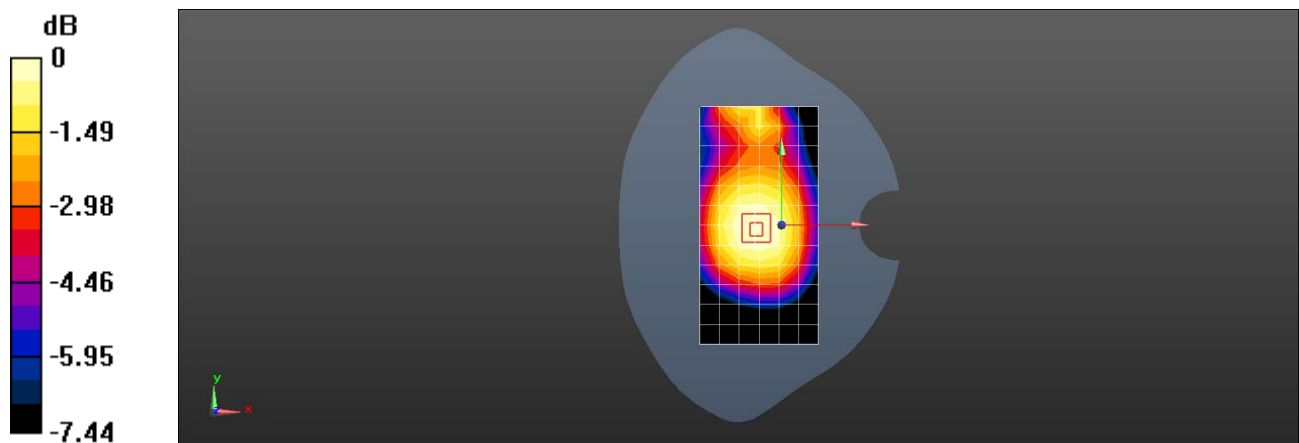
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.34, 10.34, 10.34); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: SAM 8; Type: SAM; Serial: 1063
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.306 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.50 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.335 W/kg
SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.207 W/kg

0 dB = 0.306 W/kg = -5.14 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D LTE Band 7 20M QPSK 50BR0 21100CH Right cheek

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: 4DDQTKLJVC49SGLV

Communication System: UID 0, LTE Band 7 20MHz; Frequency: 2535 MHz;Duty Cycle: 1:1

Medium: HSL2600;Medium parameters used: f = 2535 MHz; σ = 1.92 S/m; ε_r = 40.416; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
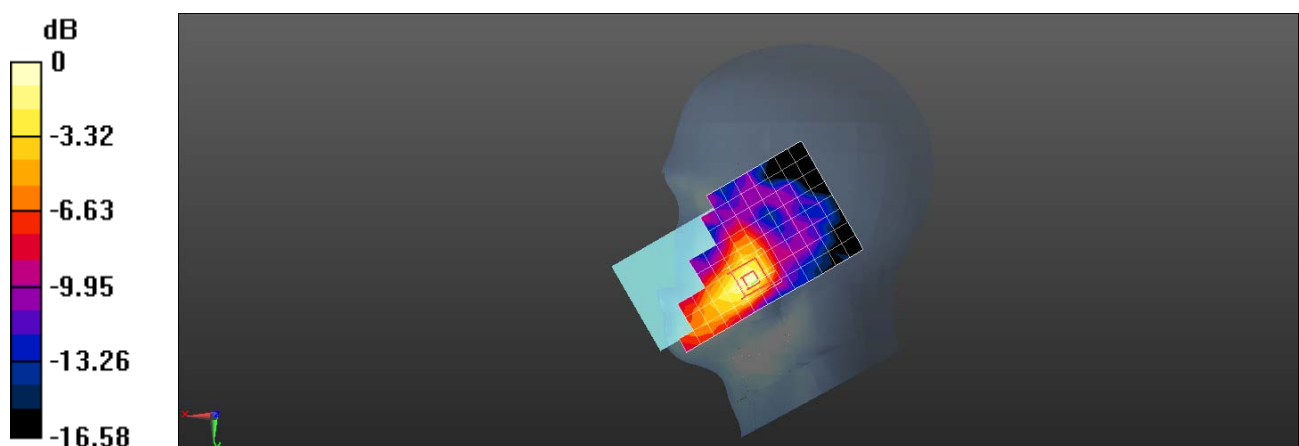Maximum value of SAR (measured) = 0.139 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.935 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.197 W/kg
SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.051 W/kg
Maximum value of SAR (measured) = 0.143 W/kg

0 dB = 0.143 W/kg = -8.45 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D LTE Band 7 QPSK 20M 50BR0 21100CH Bottom side 10mm

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: 4DDQTKLJVC49SGLV

Communication System: UID 0, LTE Band 7 20MHz; Frequency: 2535 MHz;Duty Cycle: 1:1

Medium: HSL2600;Medium parameters used: f = 2535 MHz; σ = 1.9 S/m; ε_r = 40.416; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
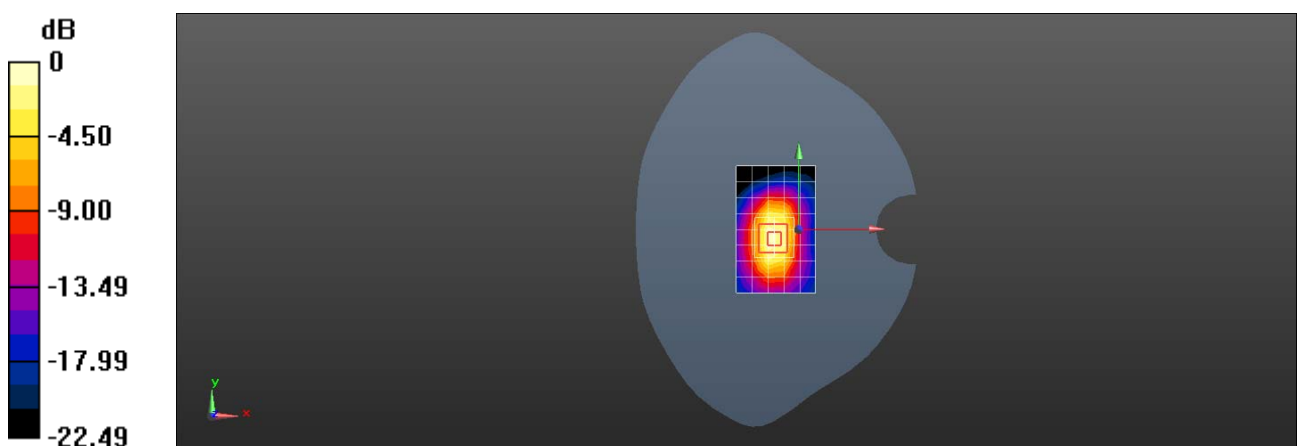Maximum value of SAR (measured) = 1.42 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.17 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.540 W/kg
Maximum value of SAR (measured) = 1.71 W/kg

0 dB = 1.71 W/kg = 2.33 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D LTE Band 7 20M QPSK 50RB0 21100CH Bottom side 0mm

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: OVROJ7KFMVWOQWLF

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

Medium: HSL2600;Medium parameters used: f = 2535 MHz; σ = 1.875 S/m; ε_r = 39.637; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
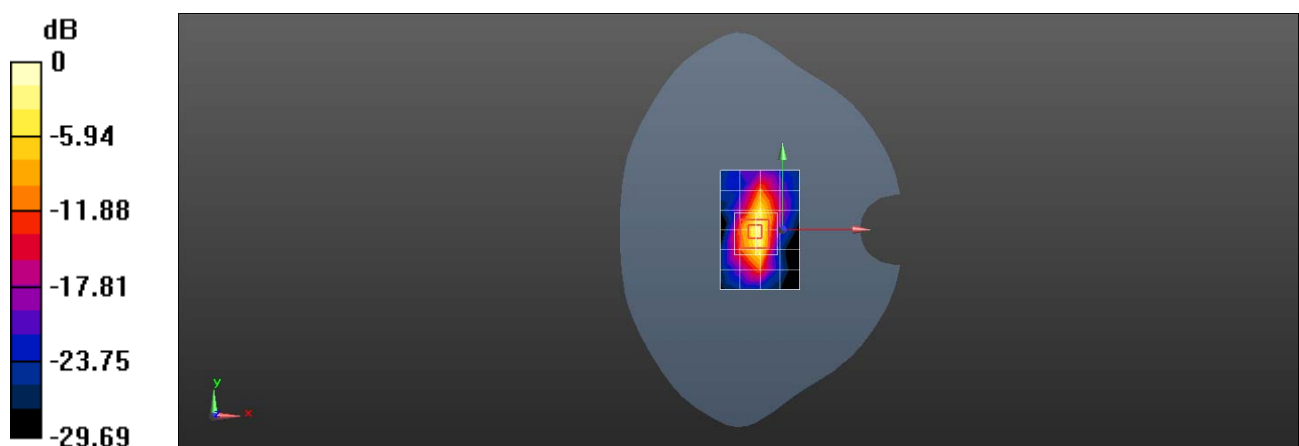Maximum value of SAR (measured) = 5.10 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 41.38 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 9.47 W/kg
SAR(1 g) = 3.67 W/kg; SAR(10 g) = 1.38 W/kg
Maximum value of SAR (measured) = 7.40 W/kg

0 dB = 7.40 W/kg = 8.69 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D LTE Band 38 QPSK 20M 1BR50 37850CH Right cheek

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: 4DDQTKLJVC49SGLV

Communication System: UID 0, LTE Band 38 20MHz; Frequency: 2580 MHz;Duty Cycle: 1:1.579

Medium: HSL2600;Medium parameters used: f = 2580 MHz; σ = 1.971 S/m; ε_r = 40.254; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
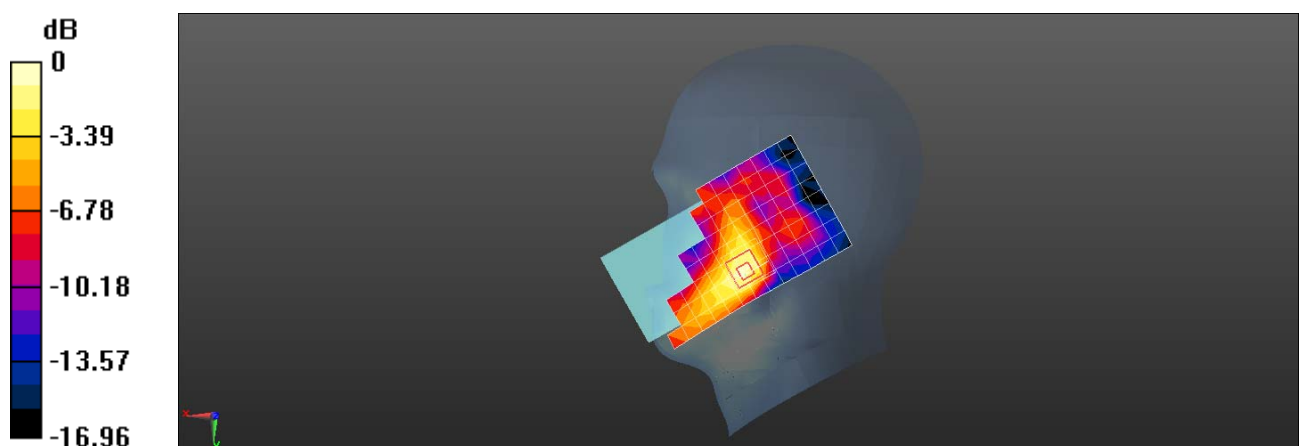Maximum value of SAR (measured) = 0.169 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.476 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.225 W/kg
SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.066 W/kg
Maximum value of SAR (measured) = 0.173 W/kg

0 dB = 0.173 W/kg = -7.62 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D LTE Band 38 QPSK 20M 1BR50 38000CH Bottom side 10mm

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: 4DDQTKLJVC49SGLV

Communication System: UID 0, LTE Band 38 20MHz; Frequency: 2595 MHz;Duty Cycle: 1:1.579

Medium: HSL2600;Medium parameters used: f = 2595 MHz; σ = 1.948 S/m; ε_r = 40.199; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
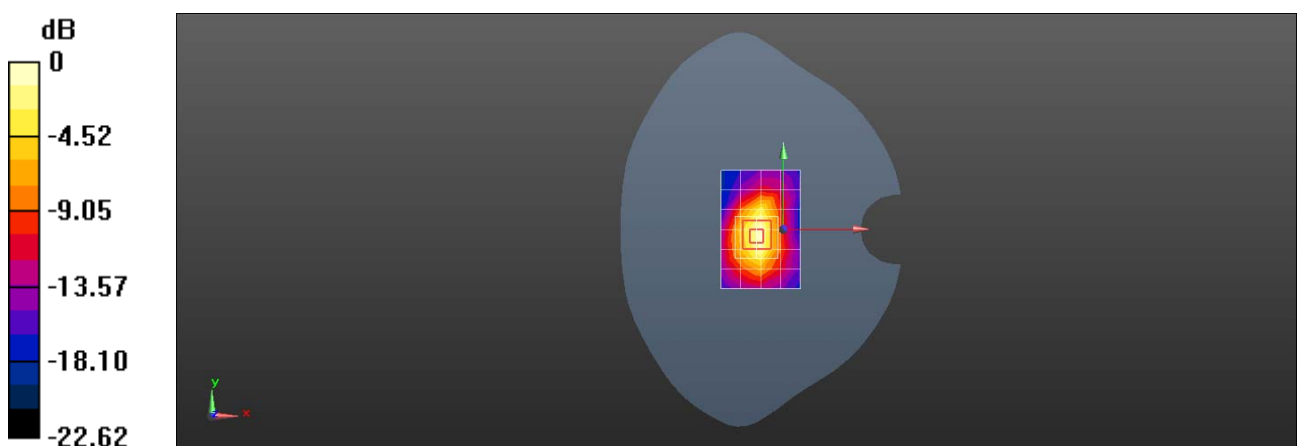Maximum value of SAR (measured) = 1.47 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.76 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.15 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.483 W/kg
Maximum value of SAR (measured) = 1.59 W/kg

0 dB = 1.59 W/kg = 2.01 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D LTE Band 38 QPSK 20M 1BR50 38150CH Bottom side 0mm

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: 4DDQTKLJVC49SGLV

Communication System: UID 0, LTE Band 38 20MHz; Frequency: 2610 MHz;Duty Cycle: 1:1.579

Medium: HSL2600;Medium parameters used: f = 2610 MHz; σ = 1.964 S/m; ε_r = 40.189; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.74, 7.74, 7.74); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
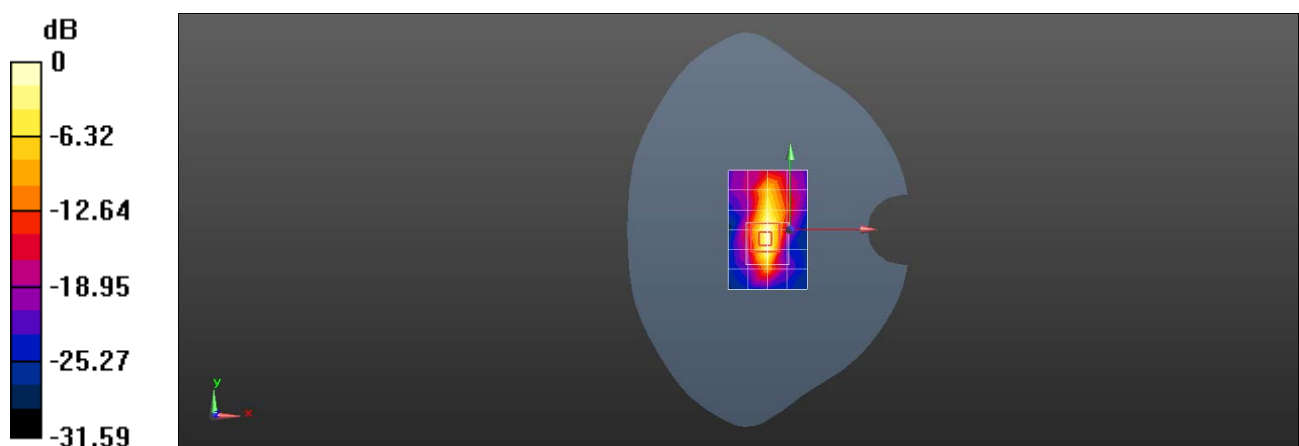Maximum value of SAR (measured) = 9.38 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.84 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 15.0 W/kg
SAR(1 g) = 5.77 W/kg; SAR(10 g) = 2.09 W/kg
Maximum value of SAR (measured) = 9.96 W/kg

0 dB = 9.96 W/kg = 9.98 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D WIFI 2.4G 802.11b 1CH Right cheek

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: OVROJ7KFMVWOQWLF

Communication System: UID 0, wifi2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1.006

Medium: HSL2450;Medium parameters used: f = 2412 MHz; σ = 1.747 S/m; $ε_r$ = 40.846; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.87, 7.87, 7.87); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
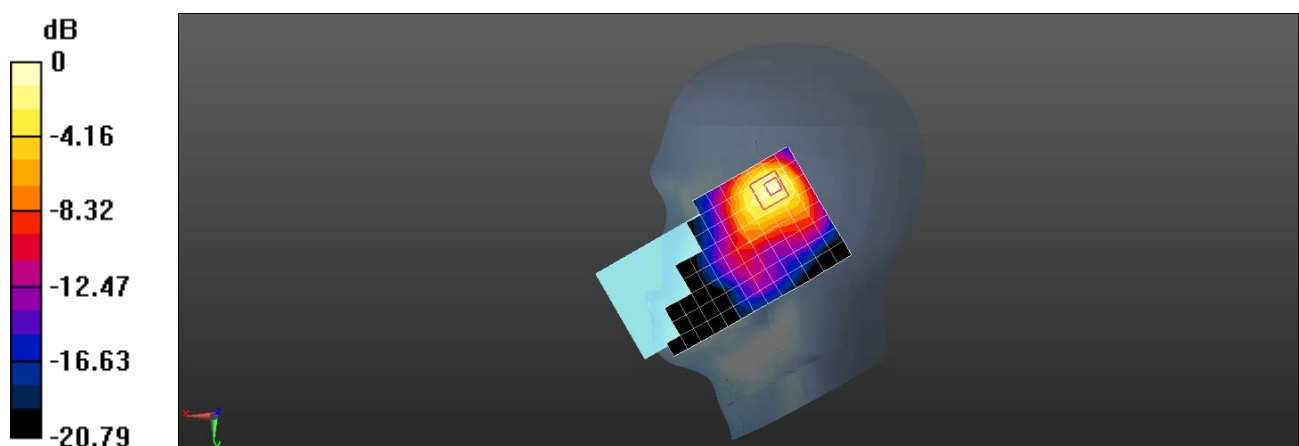Maximum value of SAR (measured) = 0.593 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.118 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.848 W/kg
SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.224 W/kg
Maximum value of SAR (measured) = 0.623 W/kg

0 dB = 0.623 W/kg = -2.06 dBW/kg

Test Laboratory: SGS-SAR Lab

5028D WIFI 2.4G 802.11b 1CH Back side 10mm

DUT: 5028D; Type: LTE/WCDMA/GSM mobile phone; Serial: OVROJ7KFMVWOQWLF

Communication System: UID 0, wifi2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1.006

Medium: HSL2450;Medium parameters used: f = 2412 MHz; σ = 1.747 S/m; ε_r = 40.846; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.87, 7.87, 7.87); Calibrated: 2019-10-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
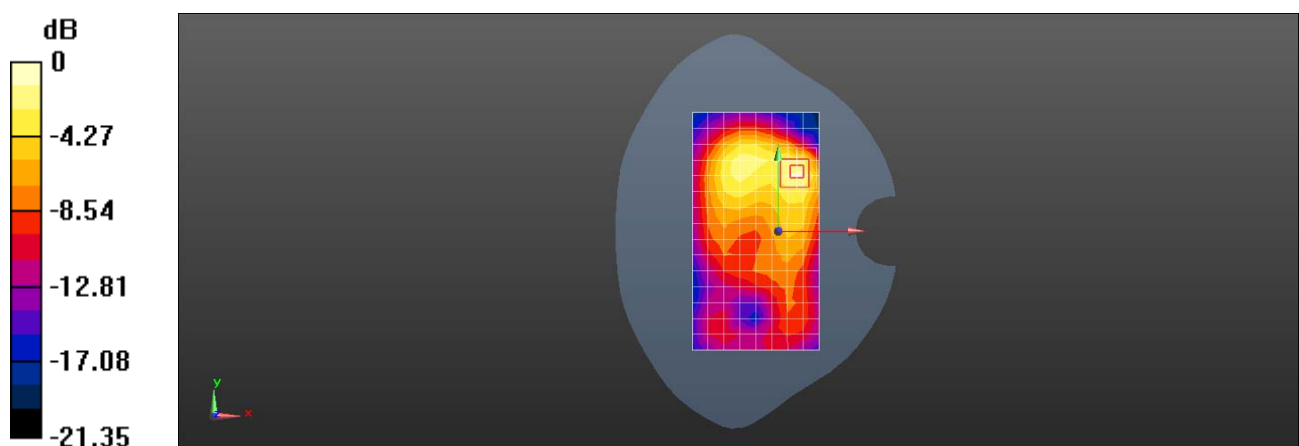Maximum value of SAR (measured) = 0.333 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.073 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.573 W/kg
SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.125 W/kg
Maximum value of SAR (measured) = 0.405 W/kg

0 dB = 0.405 W/kg = -3.93 dBW/kg