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 IV for Head & Body
WCDMA Band V for Head & Body
3. LTE
LTE Band 2 for Head & Body
LTE Band 4 for Head & Body
LTE Band 5 for Head & Body
LTE Band 7 for Head & Body
LTE Band 12 for Head & Body
LTE Band 13 for Head & Body
LTE Band 17 for Head & Body
LTE Band 38 for Head & Body
LTE Band 41 for Head & Body
LTE Band 66 for Head & Body
4. 5G NR
NR Band n5 for Head & Body
NR Band n7 for Head & Body
NR Band n38 for Head & Body
NR Band n41 for Head & Body
NR Band n66 for Head & Body
NR Band n77 for Head & Body
5. WIFI
WIFI 2.4G for Head & Body
WIFI 5G for Head & Body

6. BT
BT for Head & Body

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G GSM 850 GSM 190CH Right cheek Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

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

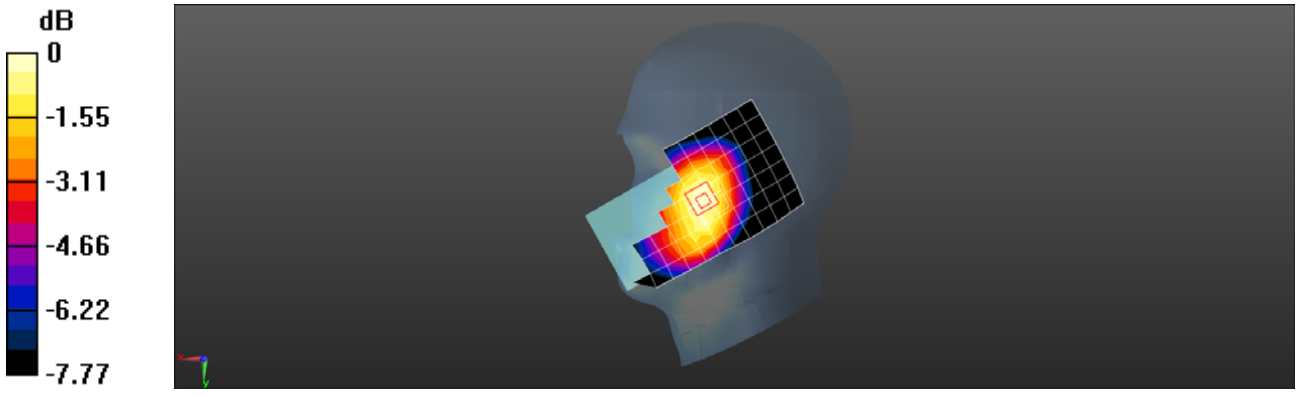
Medium: HSL835;Medium parameters used: f = 837 MHz; σ = 0.938 S/m; ε_r = 42.36; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.283 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.674 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.339 W/kg
SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.220 W/kg
Maximum value of SAR (measured) = 0.296 W/kg



0 dB = 0.296 W/kg = -5.29 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G GSM 850 GSM 190CH Back side 15mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

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

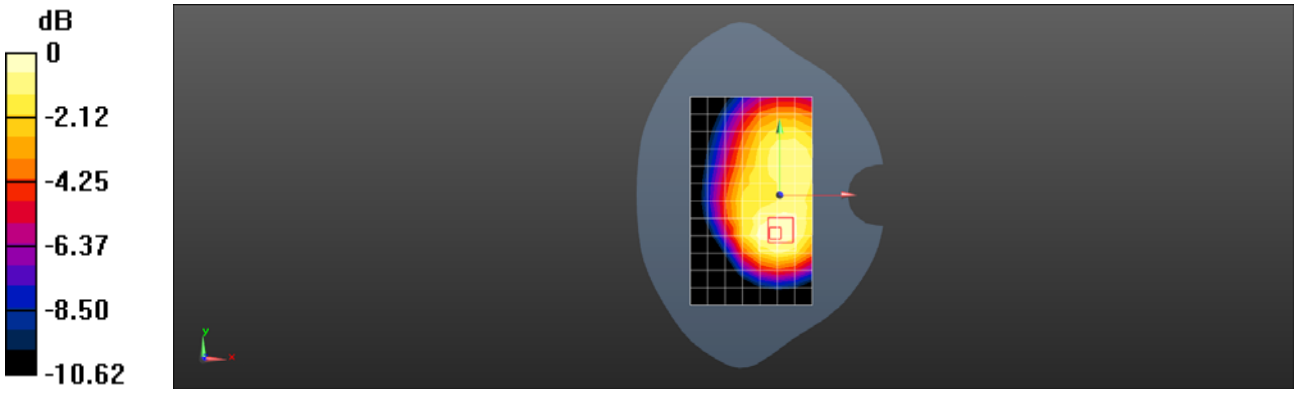
Medium: HSL835;Medium parameters used: f = 837 MHz; σ = 0.938 S/m; ε_r = 42.36; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.264 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.82 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.173 W/kg
Maximum value of SAR (measured) = 0.258 W/kg



0 dB = 0.258 W/kg = -5.88 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G GSM 850 GPRS 4TS 190CH Back side 10mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, GSM 850 4TS; Frequency: 836.6 MHz;Duty Cycle: 1:2.075

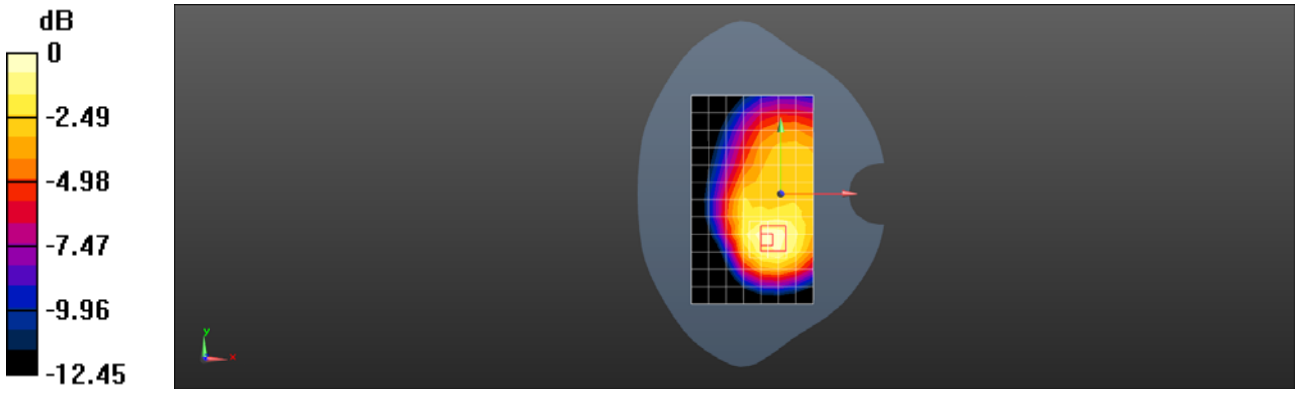
Medium: HSL835;Medium parameters used: f = 837 MHz; σ = 0.938 S/m; ε_r = 42.36; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.399 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.89 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.611 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 0.429 W/kg



0 dB = 0.429 W/kg = -3.68 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G GSM 850 GSM 190CH Right cheek Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.3

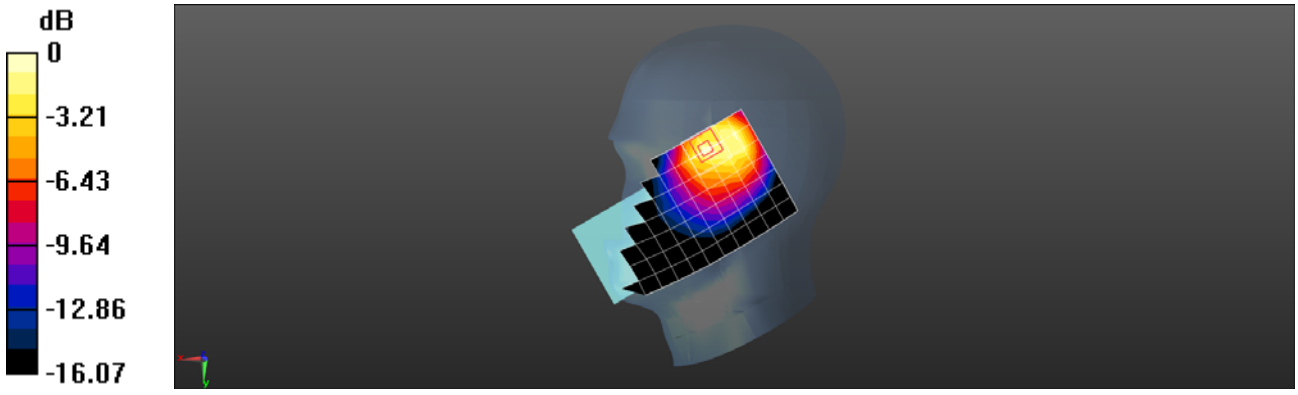
Medium: HSL835;Medium parameters used: f = 837 MHz; σ = 0.938 S/m; ε_r = 42.36; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.731 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.15 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.293 W/kg
Maximum value of SAR (measured) = 0.743 W/kg



0 dB = 0.743 W/kg = -1.29 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G GSM 850 GSM 190CH Back side 15mm Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.3

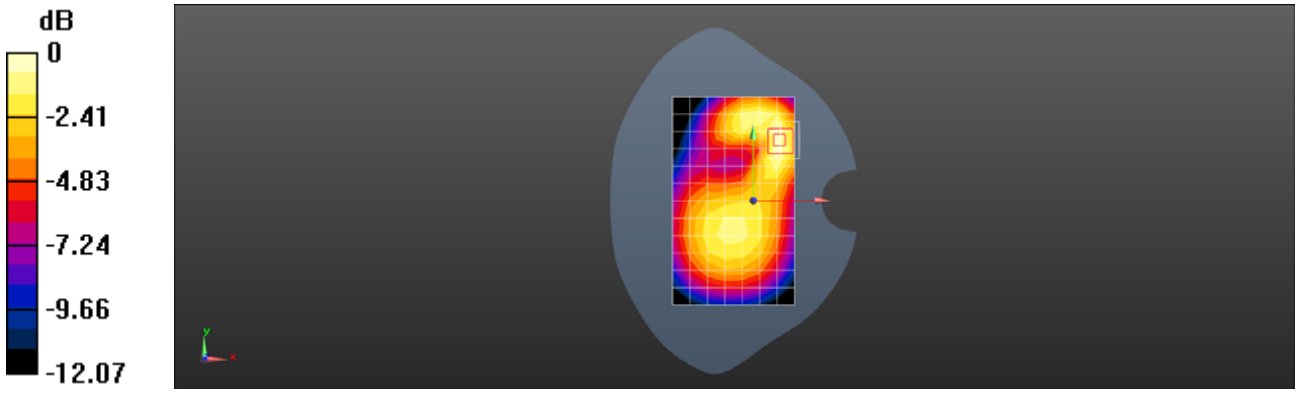
Medium: HSL835;Medium parameters used: f = 837 MHz; σ = 0.938 S/m; ε_r = 42.36; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.278 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.62 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.370 W/kg
SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.144 W/kg
Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.281 W/kg = -5.51 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G GSM 850 GPRS 4TS 190CH Left side 10mm Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.075

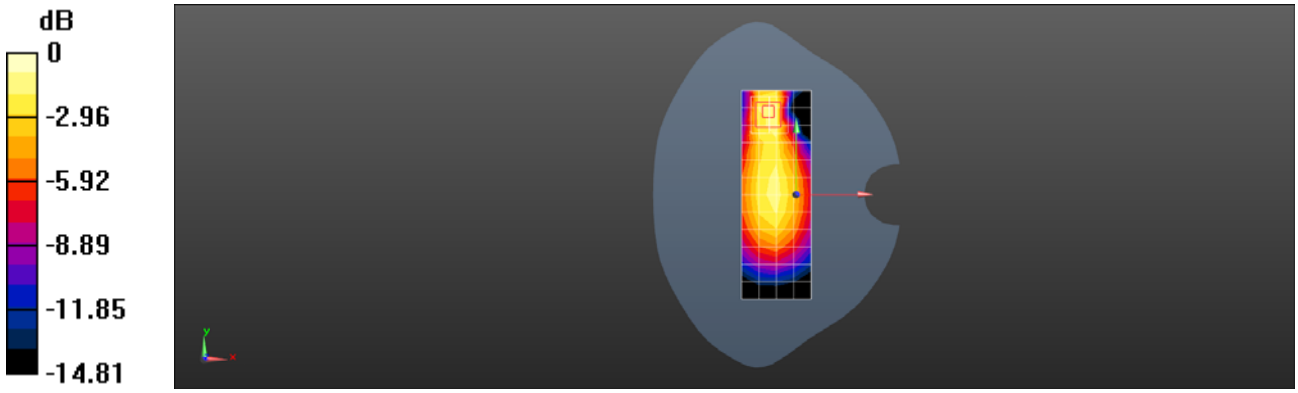
Medium: HSL835;Medium parameters used: f = 837 MHz; σ = 0.938 S/m; ε_r = 42.36; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.185 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.44 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.367 W/kg
SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.111 W/kg
Maximum value of SAR (measured) = 0.249 W/kg



0 dB = 0.249 W/kg = -6.04 dBW/kg

Date: 2020-12-24

Test Laboratory: SGS-SAR Lab

M2101K9G GSM 1900 GSM 661CH Right cheek Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3

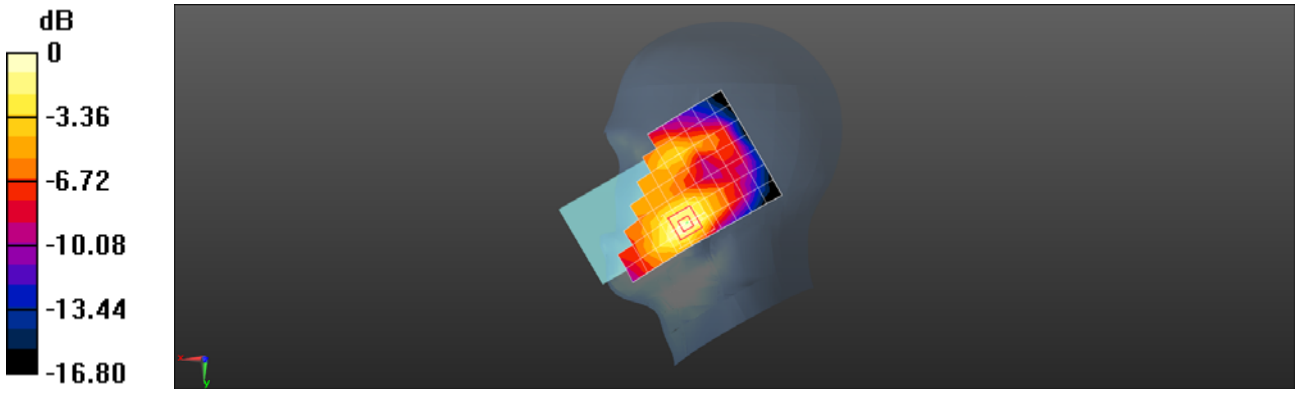
Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.408 S/m; ε_r = 40.502; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.104 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.406 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.159 W/kg
SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.059 W/kg
Maximum value of SAR (measured) = 0.110 W/kg



0 dB = 0.110 W/kg = -9.59 dBW/kg

Date: 2020-12-24

Test Laboratory: SGS-SAR Lab

M2101K9G GSM 1900 GSM 661CH Back side 15mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3

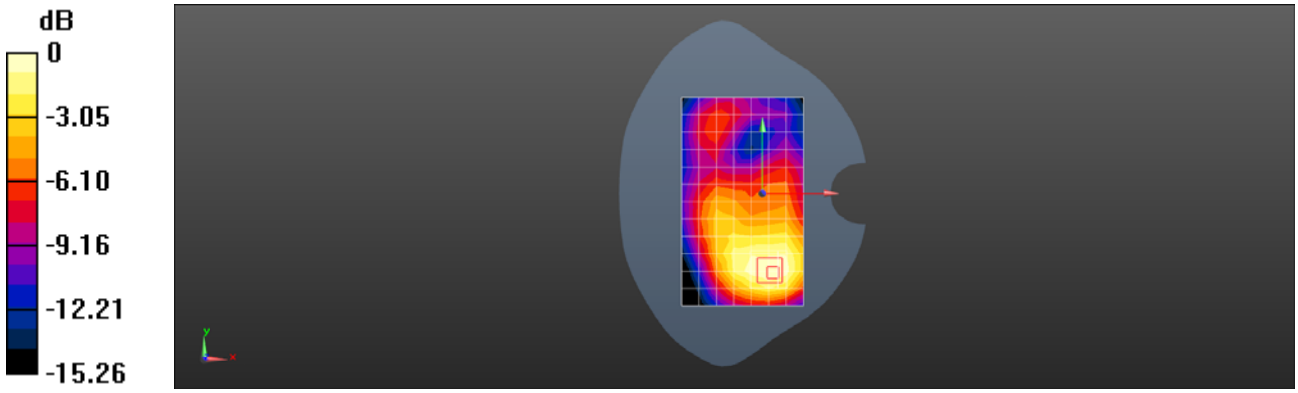
Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.408 S/m; ε_r = 40.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.290 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.350 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.445 W/kg
SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.162 W/kg
Maximum value of SAR (measured) = 0.282 W/kg



0 dB = 0.282 W/kg = -5.50 dBW/kg

Date: 2020-12-24

Test Laboratory: SGS-SAR Lab

M2101K9G GSM 1900 GPRS 4TS 661CH Bottom side 10mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075

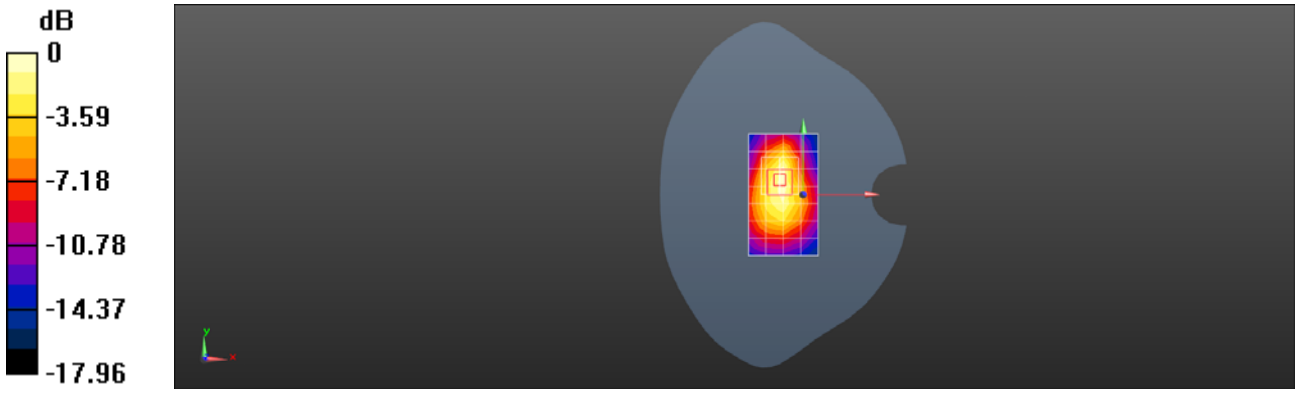
Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.408 S/m; ε_r = 40.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.489 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.23 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.856 W/kg
SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.251 W/kg
Maximum value of SAR (measured) = 0.520 W/kg



0 dB = 0.520 W/kg = -2.84 dBW/kg

Date: 2020-12-24

Test Laboratory: SGS-SAR Lab

M2101K9G GSM 1900 GSM 661CH Left cheek Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3

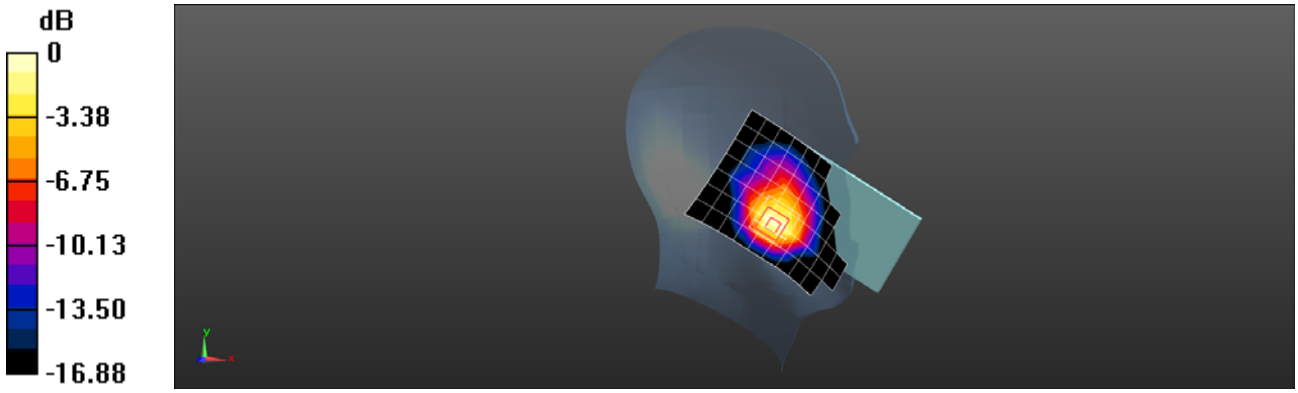
Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.408 S/m; ε_r = 40.502; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.802 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.181 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.76 W/kg; SAR(10 g) = 0.387 W/kg
Maximum value of SAR (measured) = 0.784 W/kg



0 dB = 0.784 W/kg = -1.06 dBW/kg

Date: 2020-12-24

Test Laboratory: SGS-SAR Lab

M2101K9G GSM 1900 GSM 661CH Back side 15mm Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3

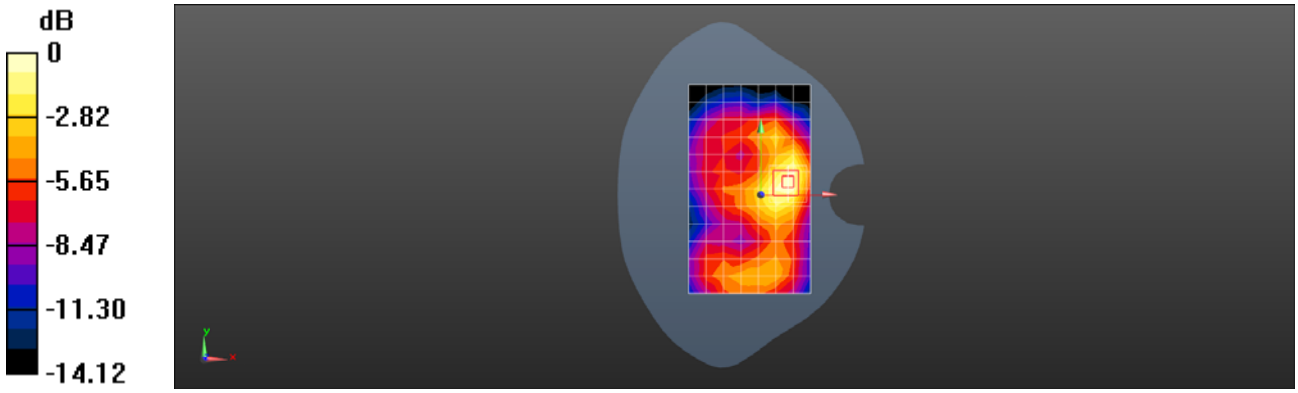
Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.408 S/m; ε_r = 40.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.104 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.232 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.173 W/kg
SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.116 W/kg



0 dB = 0.116 W/kg = -9.36 dBW/kg

Date: 2020-12-24

Test Laboratory: SGS-SAR Lab

M2101K9G GSM 1900 GPRS 4TS 661CH Left side 10mm Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075

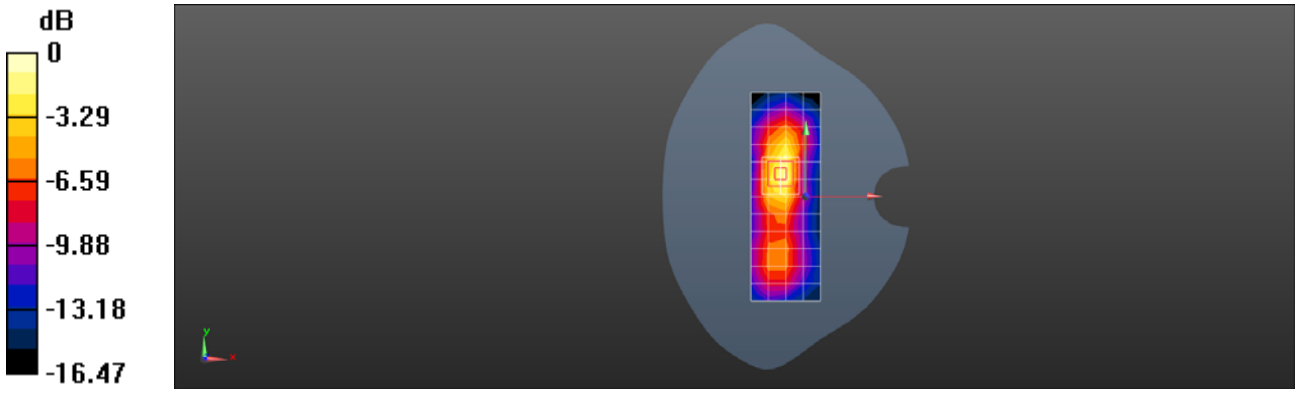
Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.408 S/m; ε_r = 40.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.277 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.73 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.485 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.145 W/kg
Maximum value of SAR (measured) = 0.322 W/kg



0 dB = 0.322 W/kg = -4.92 dBW/kg

Date: 2020-12-24

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band II 9400CH Right cheek Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

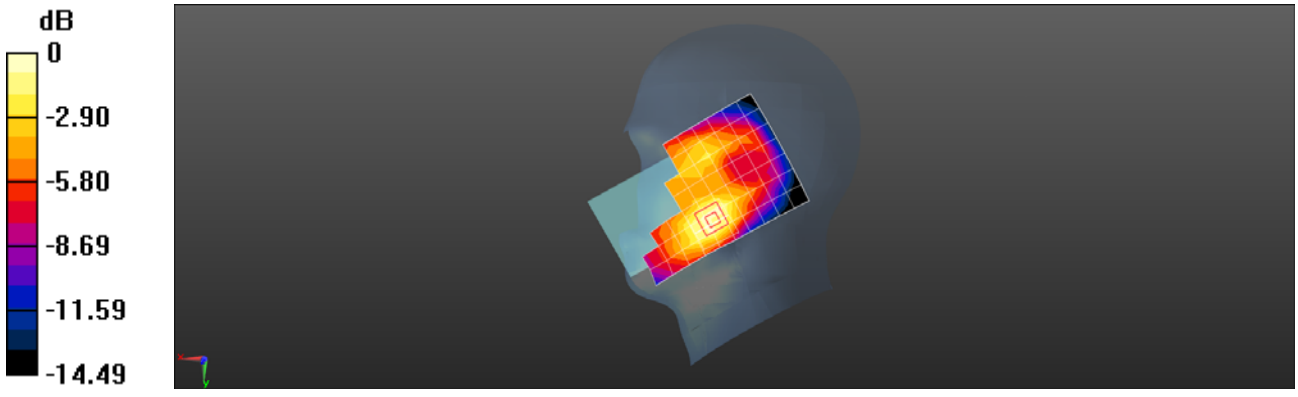
Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.408 S/m; ε_r = 40.502; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.248 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.189 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.361 W/kg
SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.163 W/kg
Maximum value of SAR (measured) = 0.274 W/kg



0 dB = 0.274 W/kg = -5.62 dBW/kg

Date: 2020-12-24

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band II 9400CH Back side 15mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

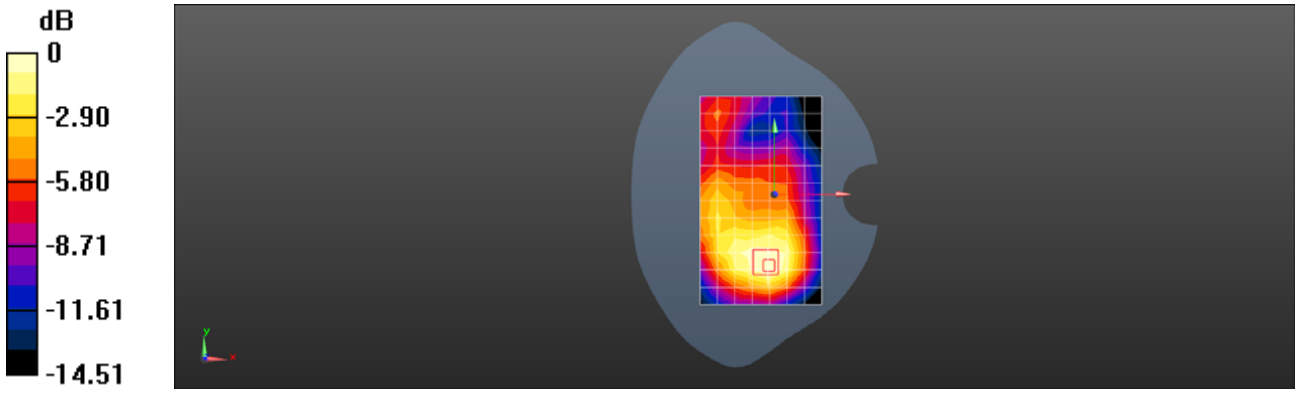
Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.408 S/m; ε_r = 40.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.988 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.59 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.873 W/kg; SAR(10 g) = 0.548 W/kg
Maximum value of SAR (measured) = 0.924 W/kg



0 dB = 0.924 W/kg = -0.34 dBW/kg

Date: 2020-12-24

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band II 9400CH Bottom side 10mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

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

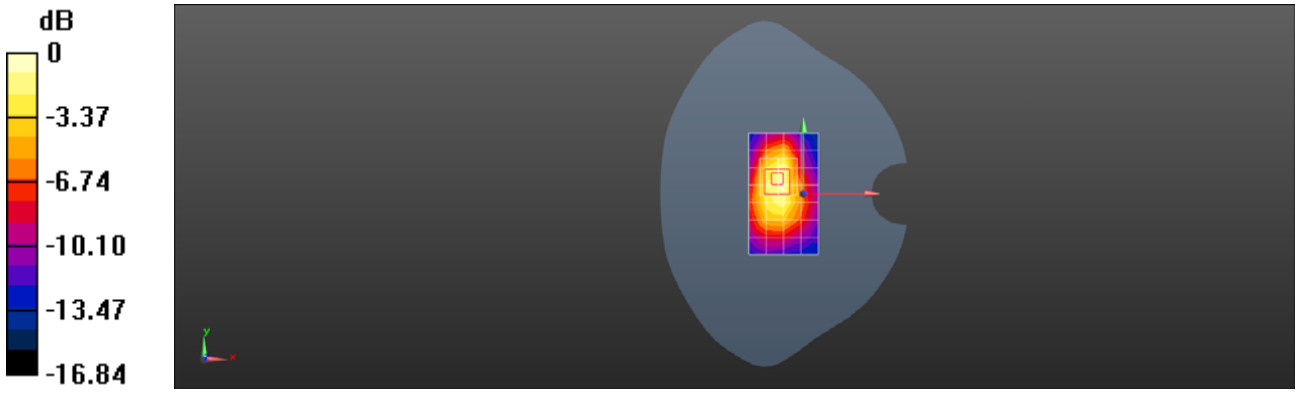
Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.408 S/m; ε_r = 40.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.544 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.89 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.998 W/kg
SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.308 W/kg
Maximum value of SAR (measured) = 0.639 W/kg



0 dB = 0.639 W/kg = -1.94 dBW/kg

Date: 2020-12-24

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band II 9400CH Bottom side 0mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

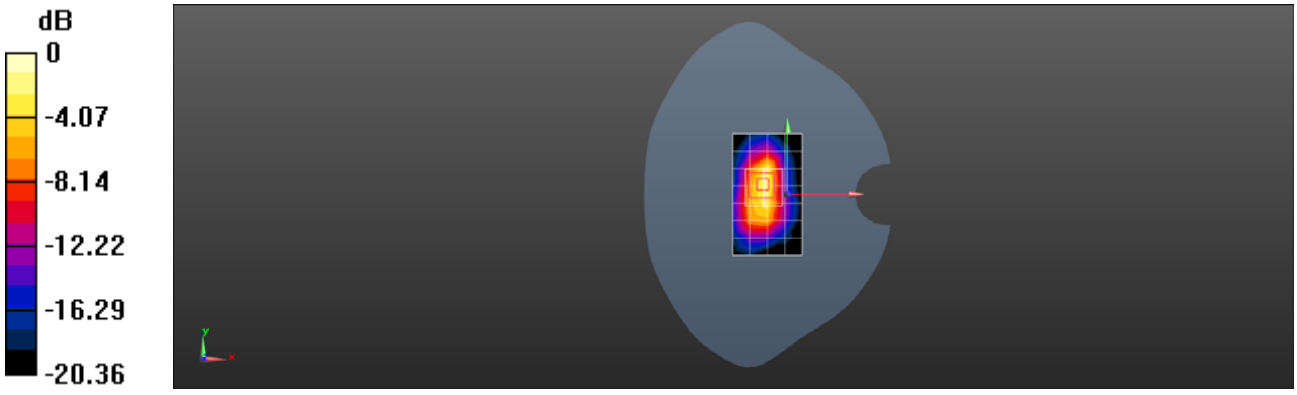
Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.408 S/m; ε_r = 40.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.28 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 47.06 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 11.9 W/kg
SAR(1 g) = 4.71 W/kg; SAR(10 g) = 1.94 W/kg
Maximum value of SAR (measured) = 6.12 W/kg



0 dB = 6.12 W/kg = 7.87 dBW/kg

Date: 2020-12-24

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band II 9400CH Left cheek Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

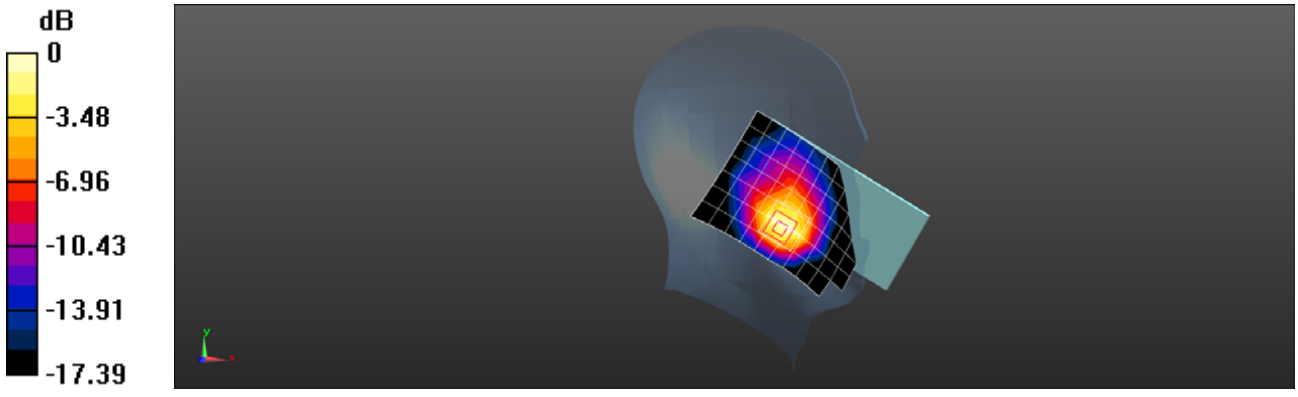
Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.408 S/m; ε_r = 40.502; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.720 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.310 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.687 W/kg; SAR(10 g) = 0.337 W/kg
Maximum value of SAR (measured) = 0.701 W/kg



0 dB = 0.701 W/kg = -1.54 dBW/kg

Date: 2020-12-24

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band II 9400CH Back side 15mm Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

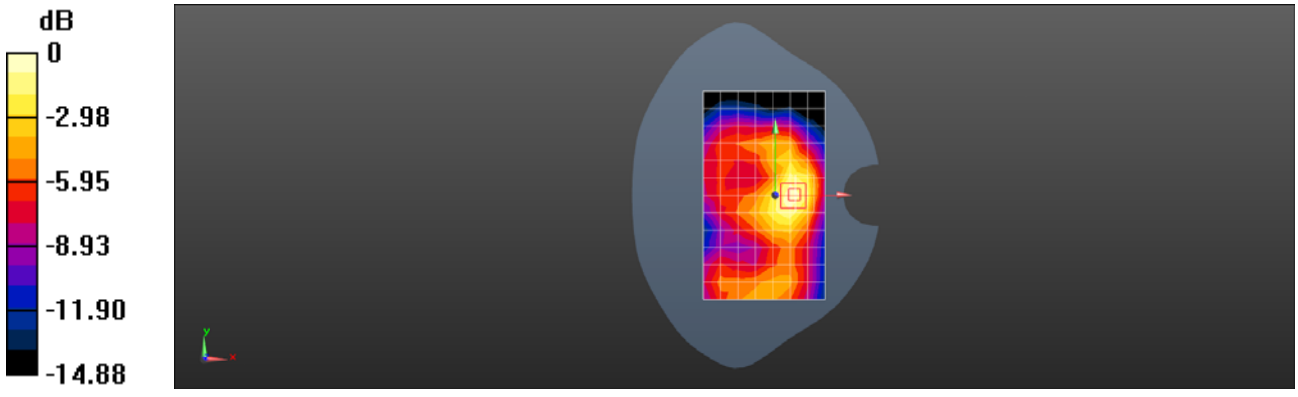
Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.408 S/m; ε_r = 40.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.256 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.175 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.399 W/kg
SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.137 W/kg
Maximum value of SAR (measured) = 0.262 W/kg



0 dB = 0.262 W/kg = -5.82 dBW/kg

Date: 2020-12-24

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band II 9400CH Left side 10mm Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

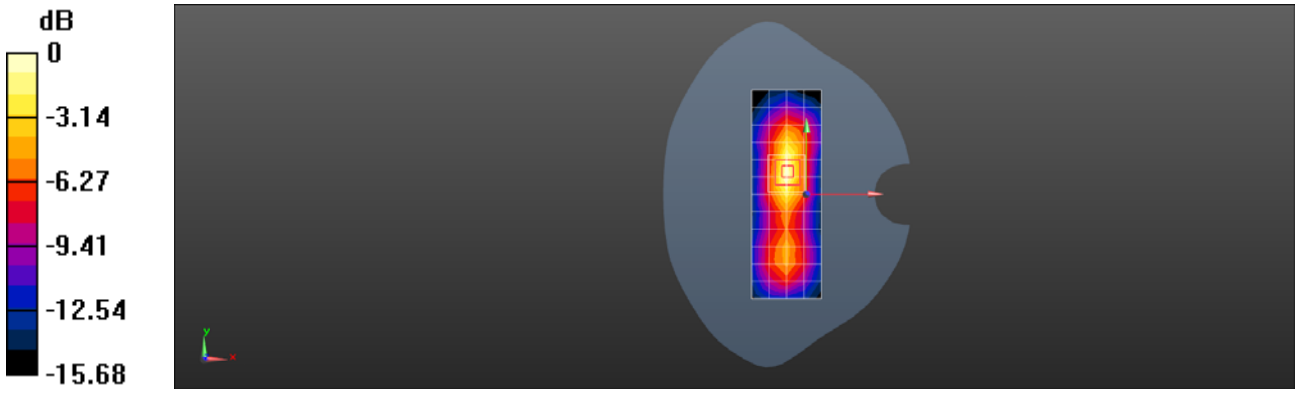
Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.408 S/m; ε_r = 40.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.360 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.74 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.530 W/kg
SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 0.351 W/kg



0 dB = 0.351 W/kg = -4.55 dBW/kg

Date: 2020-12-23

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band IV 1412CH Left cheek Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1

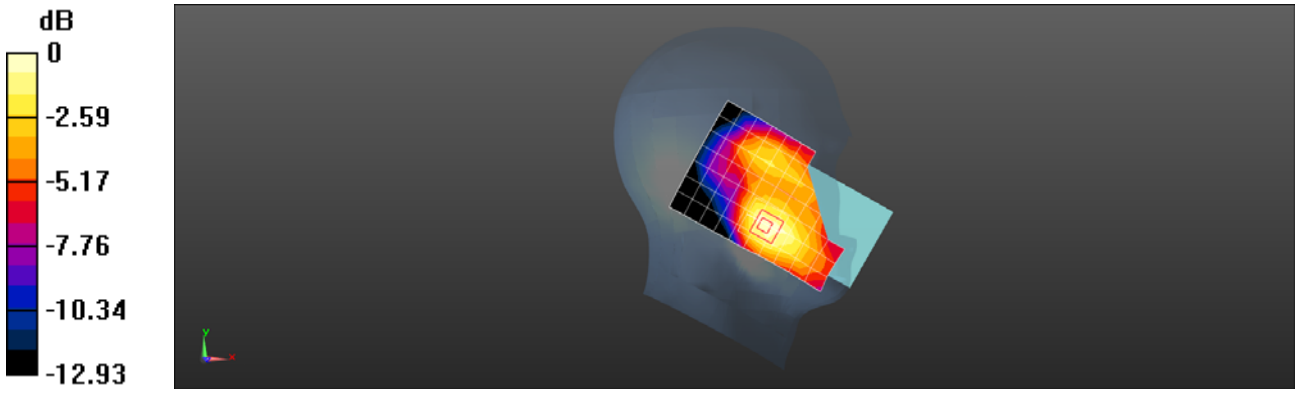
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.4 MHz; σ = 1.38 S/m; ε_r = 40.575; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.280 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.891 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.378 W/kg
SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.190 W/kg
Maximum value of SAR (measured) = 0.303 W/kg



0 dB = 0.303 W/kg = -5.19 dBW/kg

Date: 2020-12-23

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band IV 1412CH Back side 15mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1

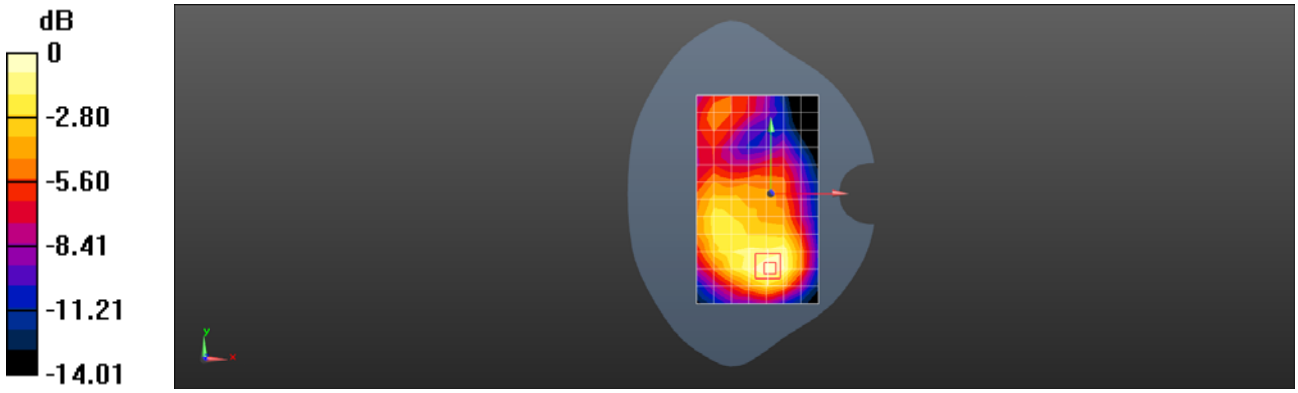
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.4 MHz; σ = 1.38 S/m; ε_r = 40.575; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.720 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.13 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.950 W/kg
SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.382 W/kg
Maximum value of SAR (measured) = 0.674 W/kg



0 dB = 0.674 W/kg = -1.71 dBW/kg

Date: 2020-12-23

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band IV 1412CH Bottom side 10mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1

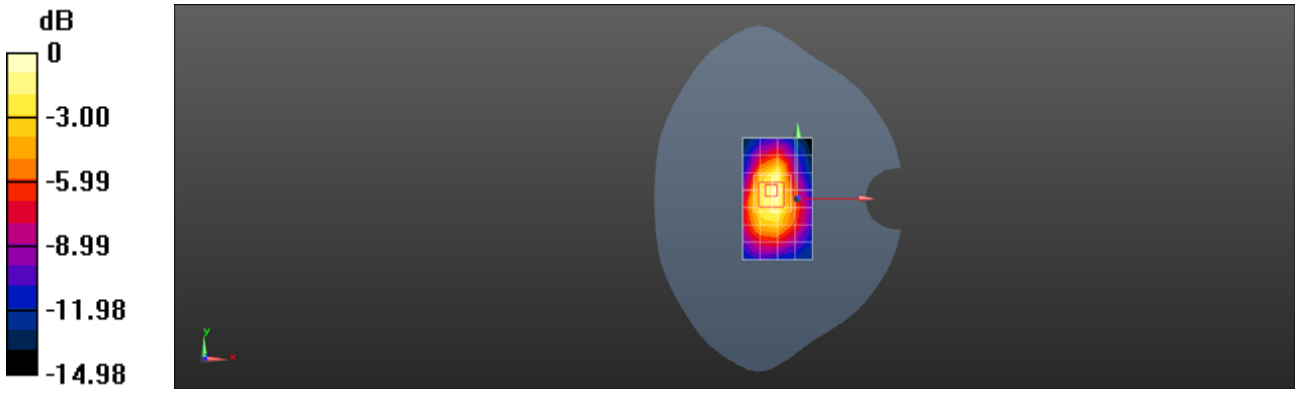
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.4 MHz; σ = 1.38 S/m; ε_r = 40.575; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.590 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.16 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.969 W/kg
SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.335 W/kg
Maximum value of SAR (measured) = 0.658 W/kg



0 dB = 0.658 W/kg = -1.82 dBW/kg

Date: 2020-12-23

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band IV 1412CH Bottom side 0mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1

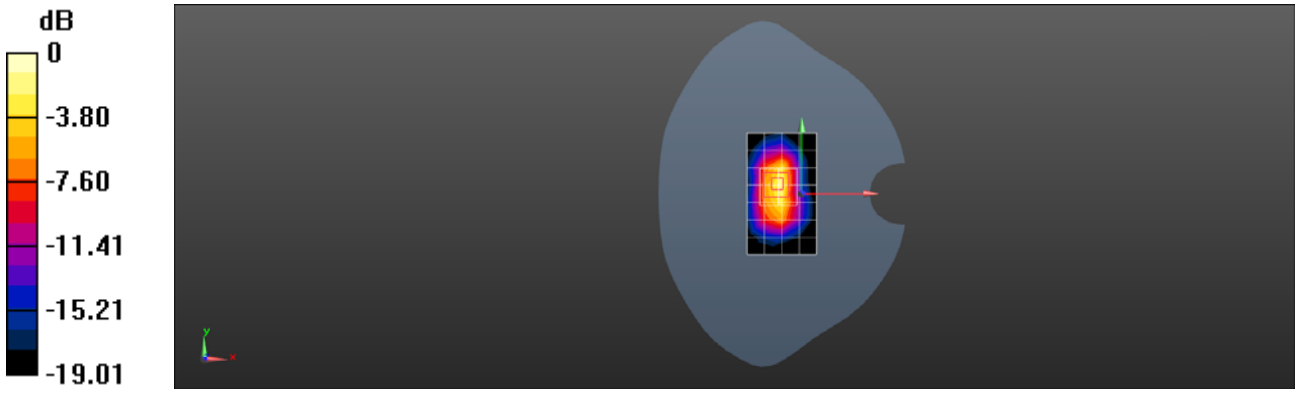
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.4 MHz; σ = 1.38 S/m; ε_r = 40.575; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.35 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.40 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 6.32 W/kg
SAR(1 g) = 2.55 W/kg; SAR(10 g) = 1.08 W/kg
Maximum value of SAR (measured) = 3.27 W/kg



0 dB = 3.27 W/kg = 5.15 dBW/kg

Date: 2020-12-23

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band IV 1412CH Left cheek Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1

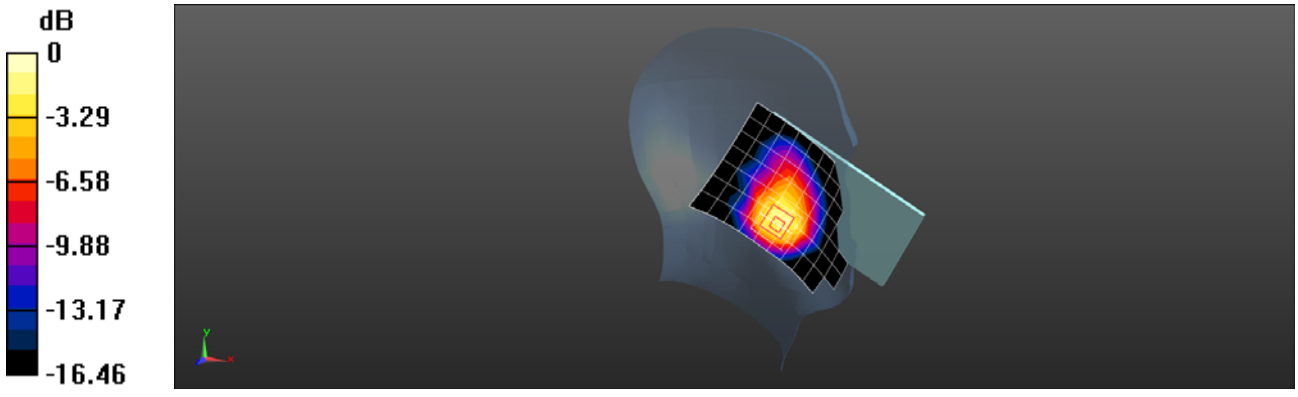
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.4 MHz; σ = 1.38 S/m; ε_r = 40.575; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.629 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.532 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.358 W/kg
Maximum value of SAR (measured) = 0.776 W/kg



0 dB = 0.776 W/kg = -1.10 dBW/kg

Date: 2020-12-23

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band IV 1412CH Back side 15mm Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1

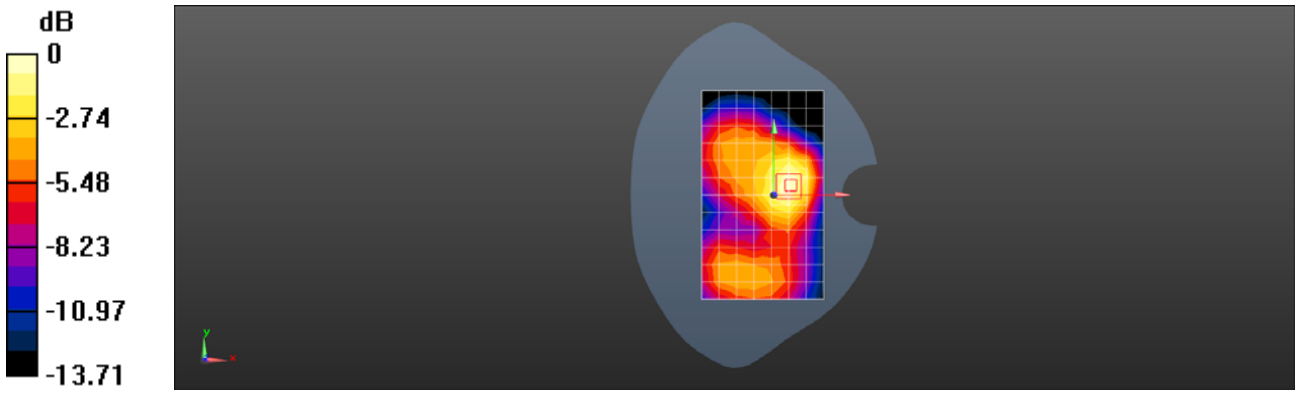
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.4 MHz; σ = 1.38 S/m; ε_r = 40.575; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.148 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.781 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.237 W/kg
SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.154 W/kg



0 dB = 0.154 W/kg = -8.12 dBW/kg

Date: 2020-12-23

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band IV 1412CH Left side 10mm Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1

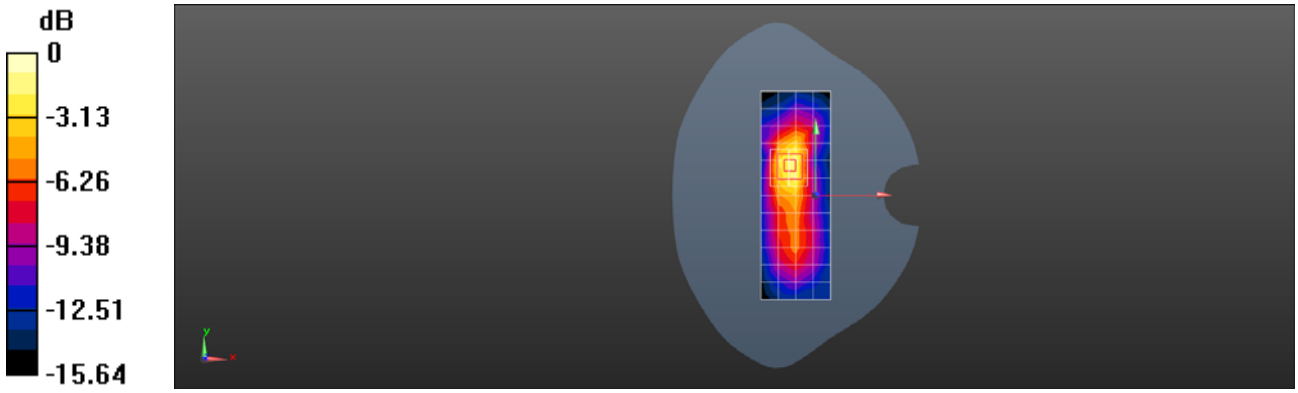
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.4 MHz; σ = 1.38 S/m; ε_r = 40.575; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.223 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.484 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.418 W/kg
SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.130 W/kg
Maximum value of SAR (measured) = 0.286 W/kg



0 dB = 0.286 W/kg = -5.44 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band V RMC 4182CH Right cheek Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz;Duty Cycle: 1:1

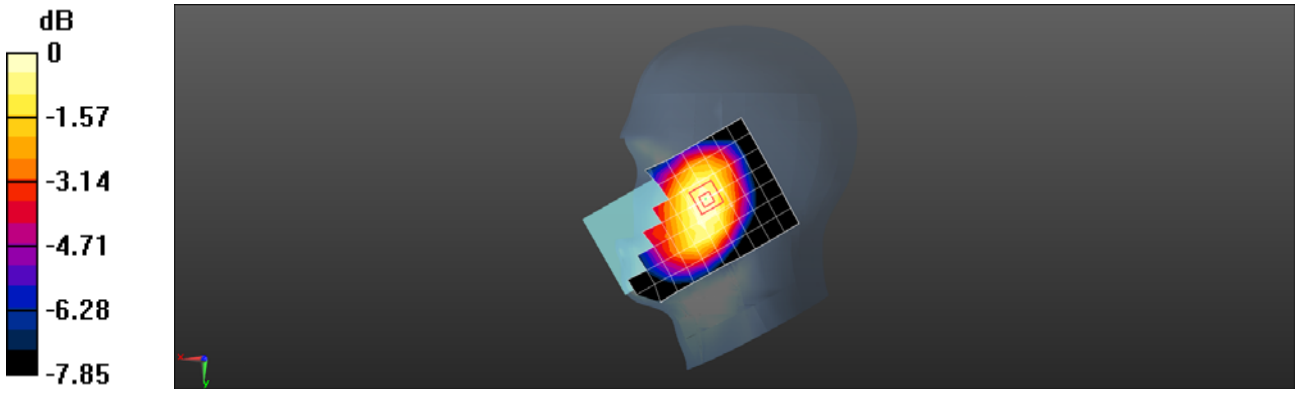
Medium: HSL835;Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.937 S/m; ε_r = 42.364; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.323 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.465 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.365 W/kg
SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.234 W/kg
Maximum value of SAR (measured) = 0.327 W/kg



0 dB = 0.327 W/kg = -4.85 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band V 4182CH Back side 15mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz;Duty Cycle: 1:1

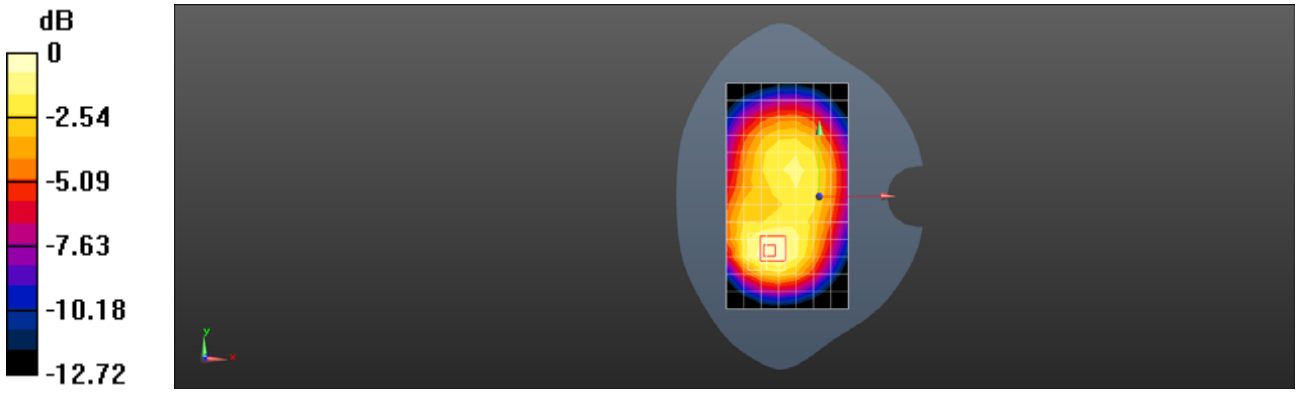
Medium: HSL835;Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.937 S/m; ε_r = 42.364; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.376 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.38 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.517 W/kg
SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.238 W/kg
Maximum value of SAR (measured) = 0.407 W/kg



0 dB = 0.407 W/kg = -3.90 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band V 4182CH Back side 10mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz;Duty Cycle: 1:1

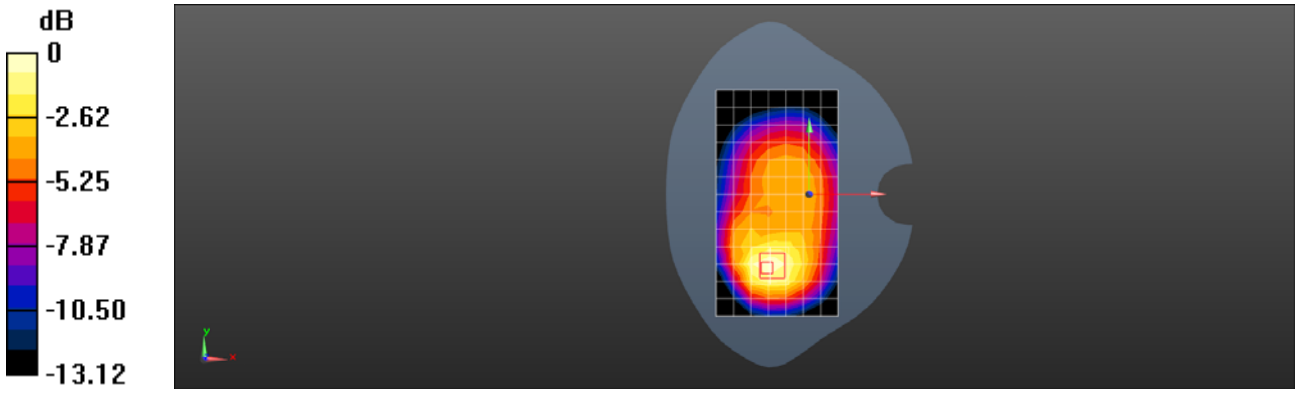
Medium: HSL835;Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.937 S/m; ε_r = 42.364; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.540 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.85 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.744 W/kg
SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.300 W/kg
Maximum value of SAR (measured) = 0.543 W/kg



0 dB = 0.543 W/kg = -2.65 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band V RMC 4182CH Right cheek Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz;Duty Cycle: 1:1

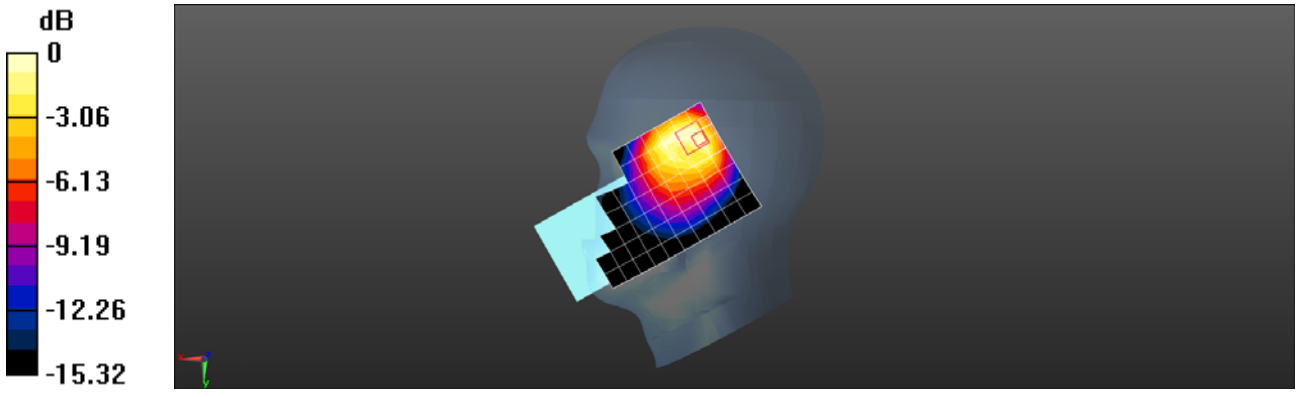
Medium: HSL835;Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.937 S/m; ε_r = 42.364; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.743 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.04 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.296 W/kg
Maximum value of SAR (measured) = 0.702 W/kg



0 dB = 0.702 W/kg = -1.54 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band V 4182CH Back side 15mm Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz;Duty Cycle: 1:1

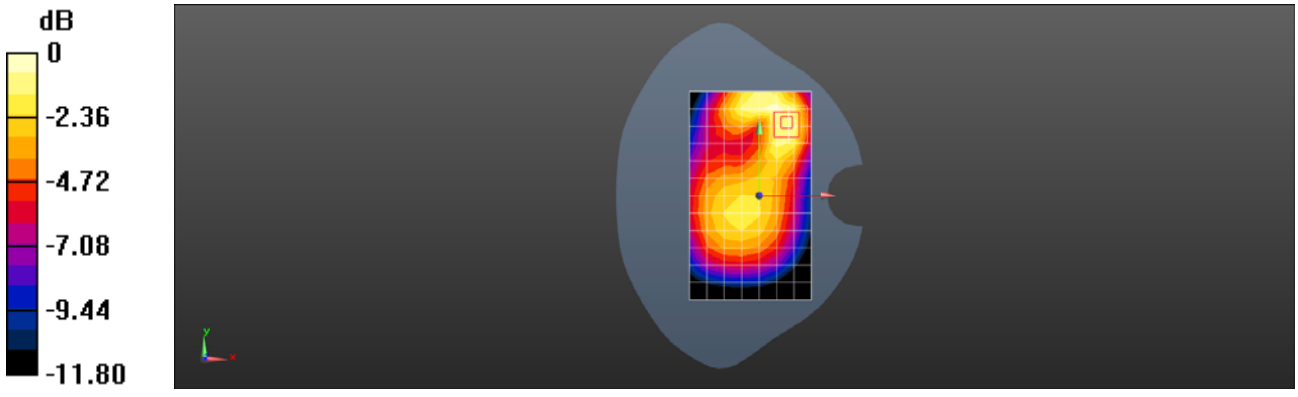
Medium: HSL835;Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.937 S/m; ε_r = 42.364; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.206 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.56 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.297 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 0.221 W/kg



0 dB = 0.221 W/kg = -6.56 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G WCDMA Band V RMC 4182CH Back side 10mm Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz;Duty Cycle: 1:1

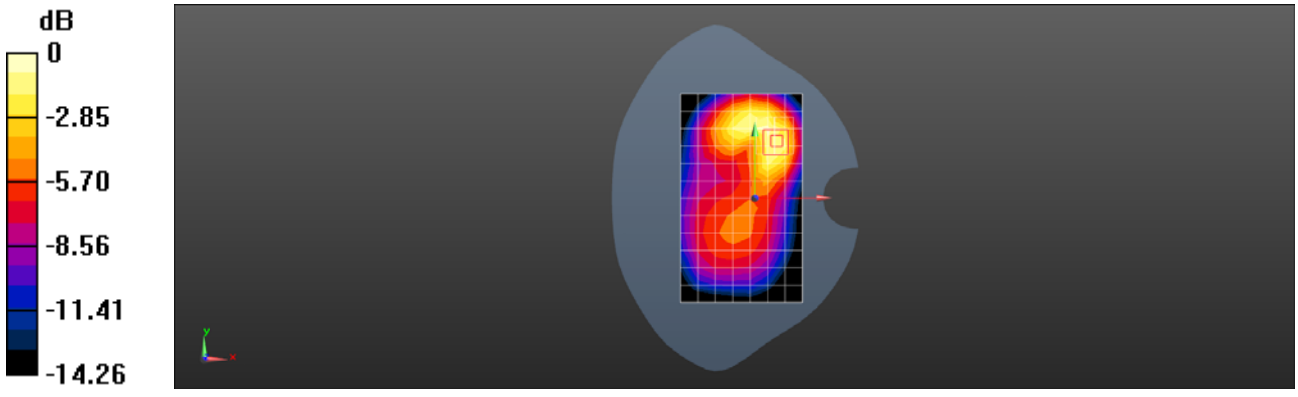
Medium: HSL835;Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.937 S/m; ε_r = 42.364; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.222 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.929 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.350 W/kg
SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.115 W/kg
Maximum value of SAR (measured) = 0.251 W/kg



0 dB = 0.251 W/kg = -6.00 dBW/kg

Date: 2020-12-25

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 2 20M QPSK 1RB0 18700CH Left cheek Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

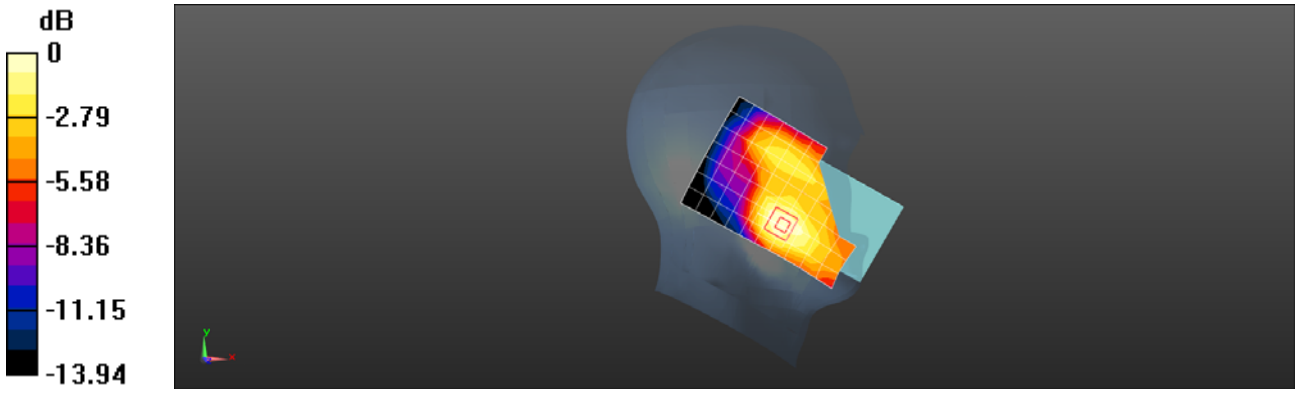
Medium: HSL1900;Medium parameters used: f = 1860 MHz; σ = 1.439 S/m; ε_r = 40.287; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.277 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.855 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.365 W/kg
SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.173 W/kg
Maximum value of SAR (measured) = 0.282 W/kg



0 dB = 0.282 W/kg = -5.50 dBW/kg

Date: 2020-12-25

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 2 20M QPSK 1RB50 18900CH Back side 15mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz;Duty Cycle: 1:1

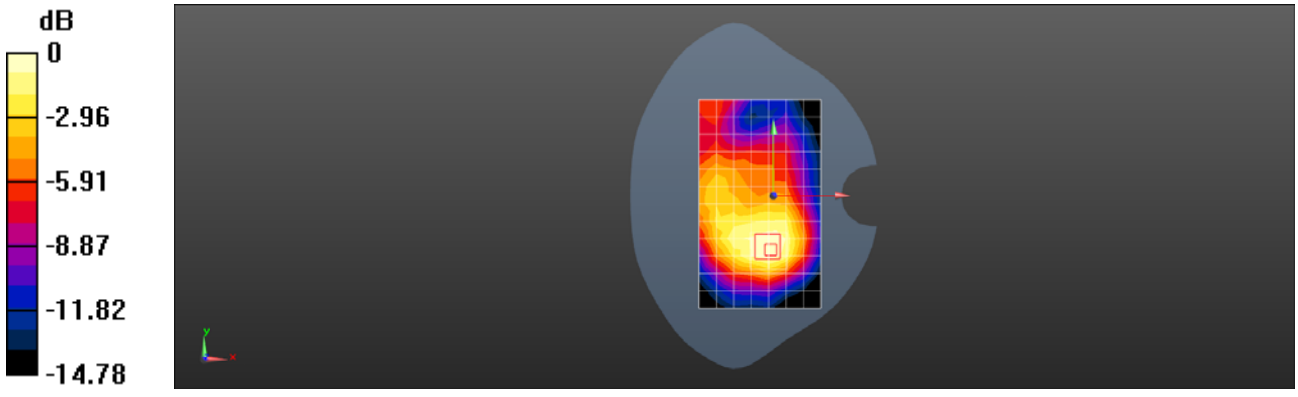
Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.46 S/m; ε_r = 40.224; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.766 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.76 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.467 W/kg
Maximum value of SAR (measured) = 0.790 W/kg



0 dB = 0.790 W/kg = -1.02 dBW/kg

Date: 2020-12-25

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 2 20M QPSK 50RB50 19100CH Bottom side 10mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

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

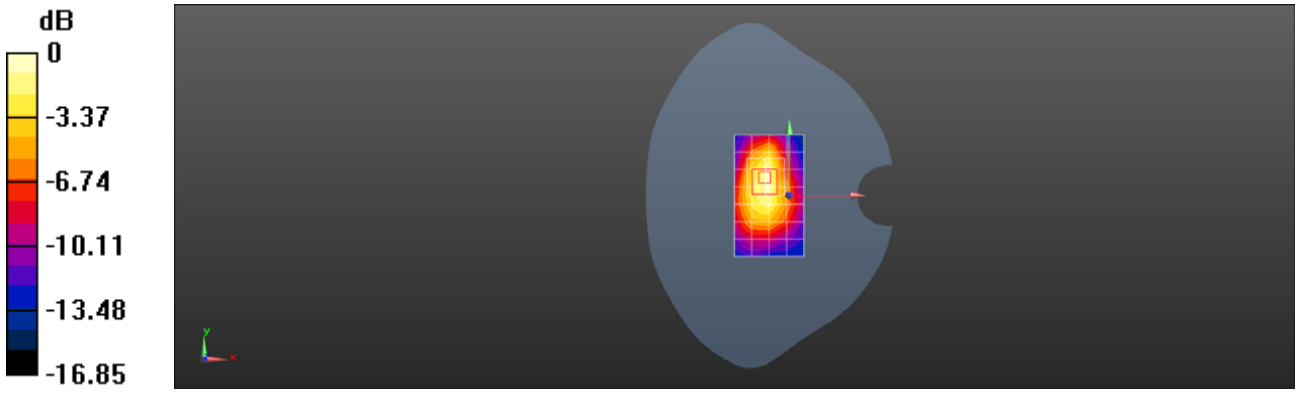
Medium: HSL1900;Medium parameters used: f = 1900 MHz; σ = 1.479 S/m; ε_r = 40.16; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.608 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.41 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.335 W/kg
Maximum value of SAR (measured) = 0.691 W/kg



0 dB = 0.691 W/kg = -1.61 dBW/kg

Date: 2020-12-25

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 2 20M QPSK 50RB50 19100CH Bottom side 0mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

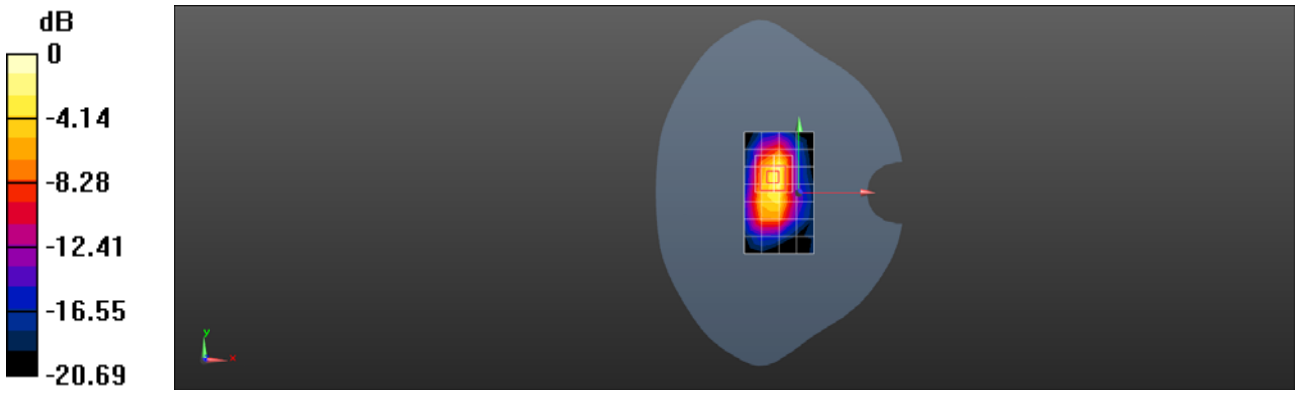
Medium: HSL1900;Medium parameters used: f = 1900 MHz; σ = 1.479 S/m; ε_r = 40.16; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.62 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.25 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 8.24 W/kg
SAR(1 g) = 3.35 W/kg; SAR(10 g) = 1.4 W/kg
Maximum value of SAR (measured) = 4.14 W/kg



0 dB = 4.14 W/kg = 6.17 dBW/kg

Date: 2020-12-25

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 2 20M QPSK 50RB50 19100CH Left cheek Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

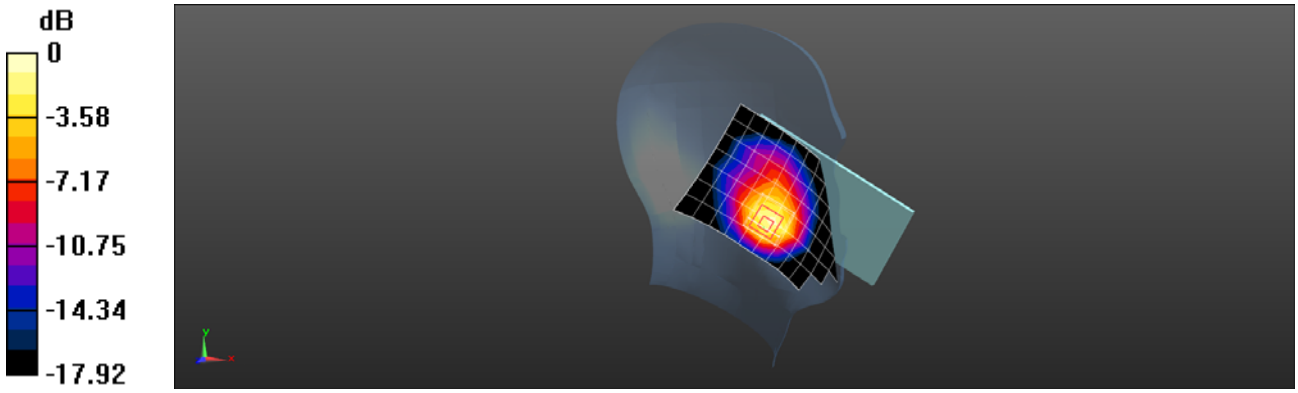
Medium: HSL1900;Medium parameters used: f = 1900 MHz; σ = 1.479 S/m; ε_r = 40.16; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.470 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.850 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.925 W/kg
SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.229 W/kg
Maximum value of SAR (measured) = 0.505 W/kg



0 dB = 0.505 W/kg = -2.97 dBW/kg

Date: 2020-12-25

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 2 20M QPSK 1RB99 18900CH Back side 15mm Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz;Duty Cycle: 1:1

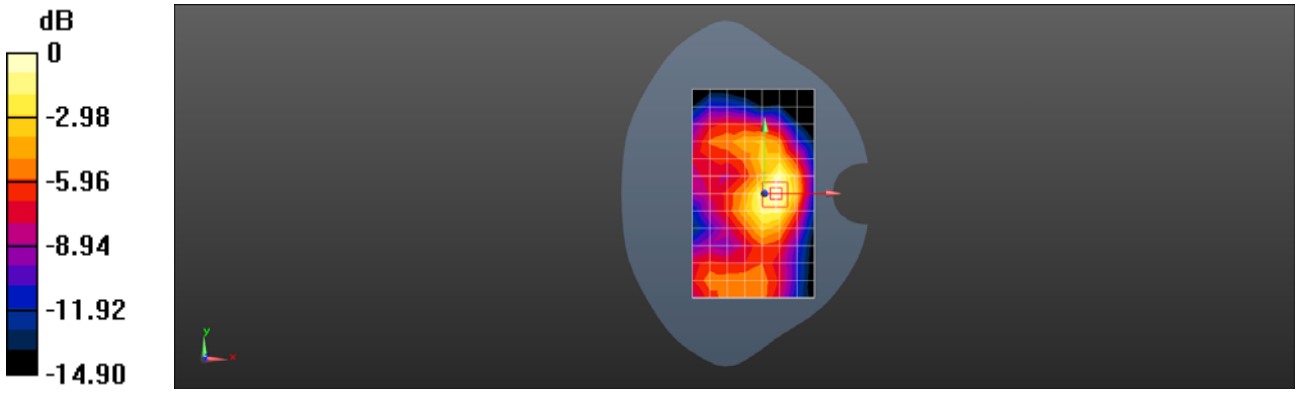
Medium: HSL1900;Medium parameters used: f = 1880 MHz; σ = 1.46 S/m; ε_r = 40.224; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.363 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.419 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.551 W/kg
SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.194 W/kg
Maximum value of SAR (measured) = 0.372 W/kg



0 dB = 0.372 W/kg = -4.29 dBW/kg

Date: 2020-12-25

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 2 20M QPSK 50RB50 19100CH Left side 10mm Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

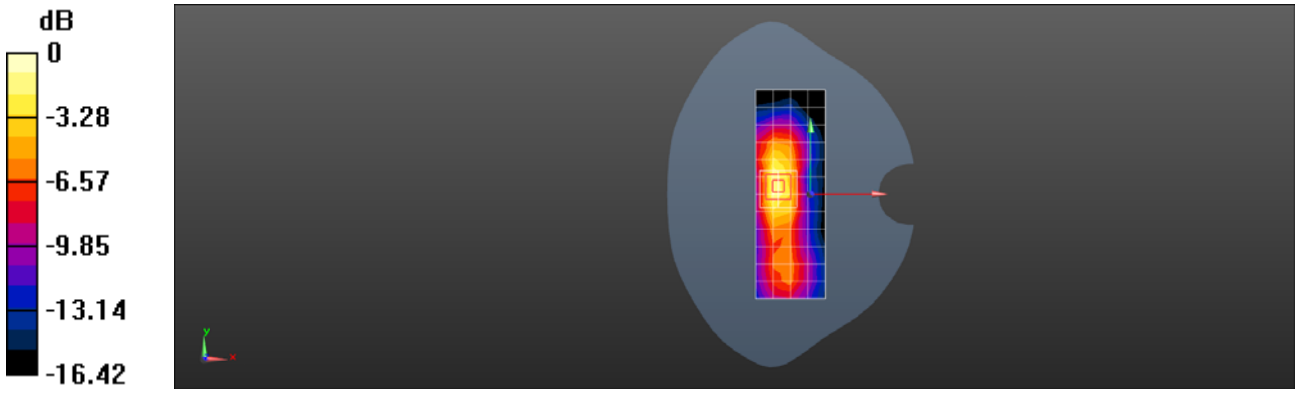
Medium: HSL1900;Medium parameters used: f = 1900 MHz; σ = 1.479 S/m; ε_r = 40.16; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.35, 7.35, 7.35); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.217 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.637 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.399 W/kg
SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.270 W/kg



0 dB = 0.270 W/kg = -5.69 dBW/kg

Date: 2020-12-26

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 4 20M QPSK 1RB0 20175CH Right cheek Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

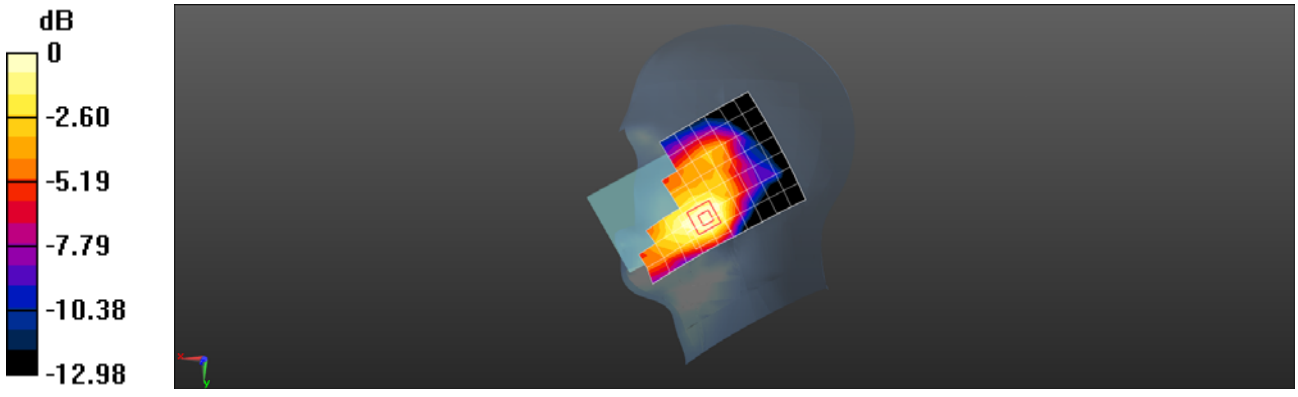
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.315 S/m; ε_r = 40.753; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0869 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.560 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.057 W/kg
Maximum value of SAR (measured) = 0.0886 W/kg



0 dB = 0.0886 W/kg = -10.53 dBW/kg

Date: 2020-12-26

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 4 20M QPSK 1RB0 20175CH Back side 15mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

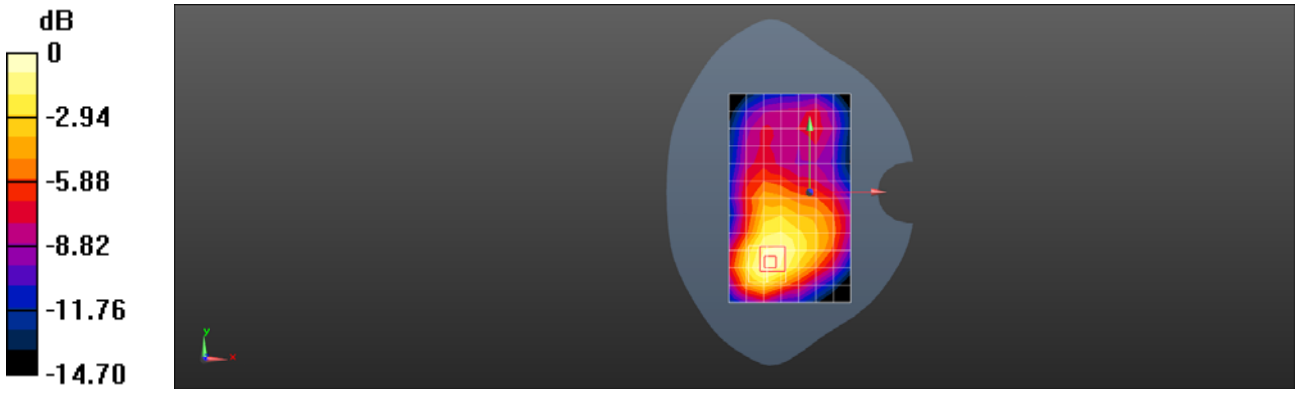
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.315 S/m; ε_r = 40.753; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.205 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.561 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.207 W/kg



0 dB = 0.207 W/kg = -6.84 dBW/kg

Date: 2020-12-26

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 4 20M QPSK 50RB0 20175CH Back side 10mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

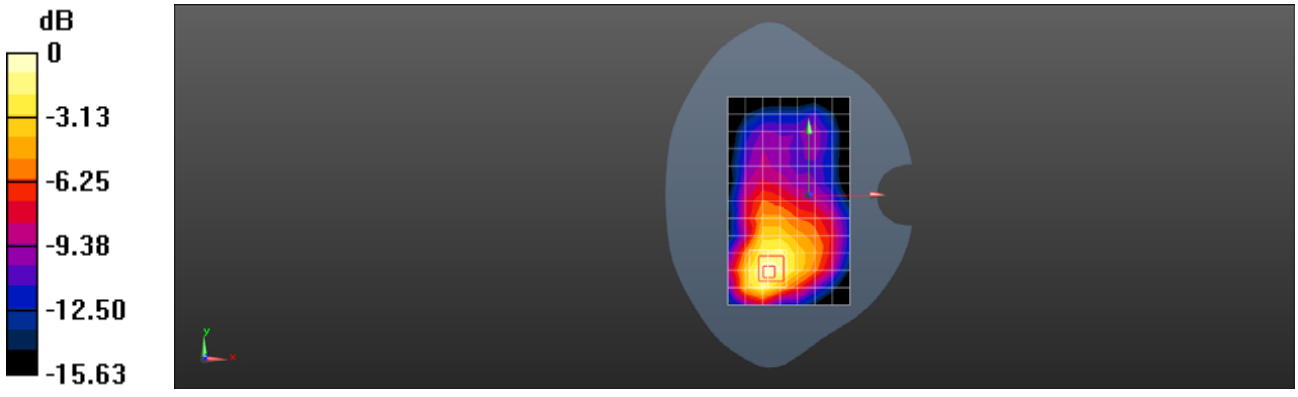
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.315 S/m; ε_r = 40.753; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.342 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.597 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.507 W/kg
SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.192 W/kg
Maximum value of SAR (measured) = 0.361 W/kg



0 dB = 0.361 W/kg = -4.42 dBW/kg

Date: 2020-12-26

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 4 20M QPSK 1RB0 20300CH Left cheek Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

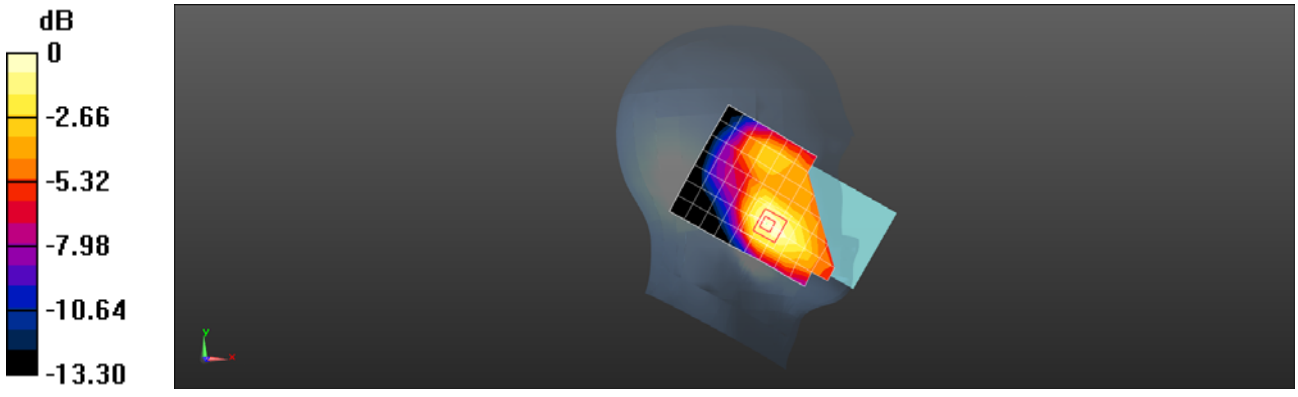
Medium: HSL1750;Medium parameters used: f = 1745 MHz; σ = 1.327 S/m; ε_r = 40.712; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.299 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.382 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.371 W/kg
SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.182 W/kg
Maximum value of SAR (measured) = 0.296 W/kg



0 dB = 0.296 W/kg = -5.29 dBW/kg

Date: 2020-12-26

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 4 20M QPSK 1RB0 20300CH Back side 15mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

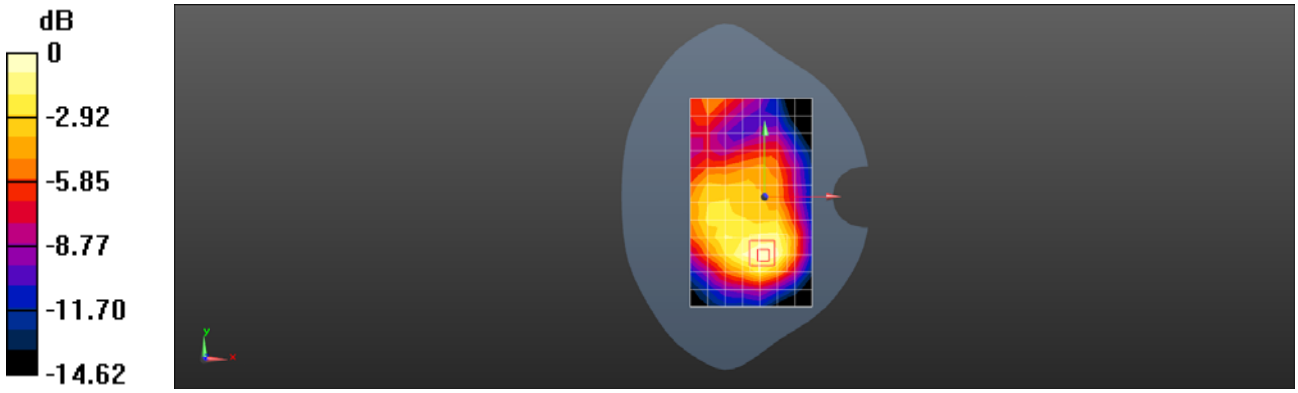
Medium: HSL1750;Medium parameters used: f = 1745 MHz; σ = 1.327 S/m; ε_r = 40.712; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.656 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.07 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.905 W/kg
SAR(1 g) = 0.593 W/kg; SAR(10 g) = 0.365 W/kg
Maximum value of SAR (measured) = 0.639 W/kg



0 dB = 0.639 W/kg = -1.94 dBW/kg

Date: 2020-12-26

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 4 20M QPSK 1RB0 20300CH Bottom side 10mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

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

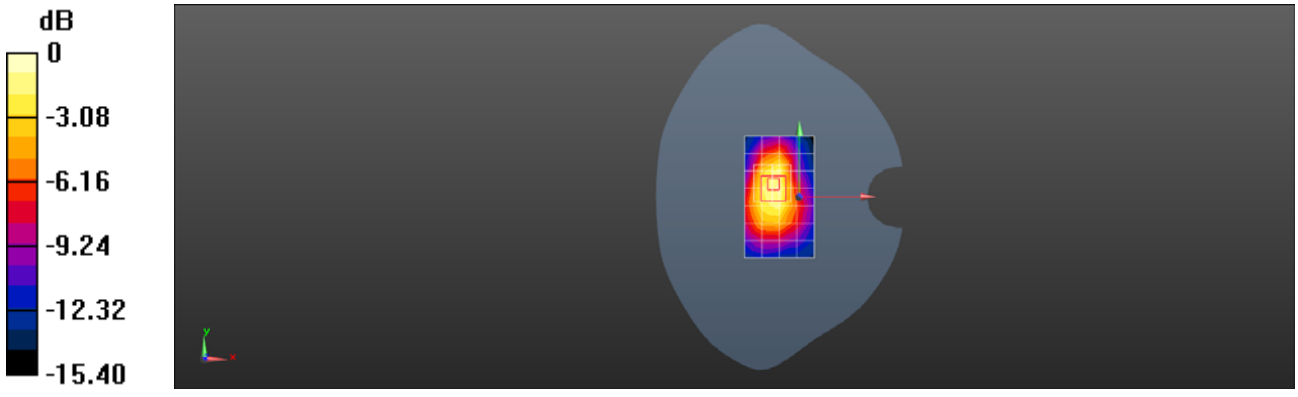
Medium: HSL1750;Medium parameters used: f = 1745 MHz; σ = 1.327 S/m; ε_r = 40.712; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.504 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.69 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.883 W/kg
SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.296 W/kg
Maximum value of SAR (measured) = 0.595 W/kg



0 dB = 0.595 W/kg = -2.25 dBW/kg

Date: 2020-12-26

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 4 20M QPSK 1RB0 20300CH Bottom side 0mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

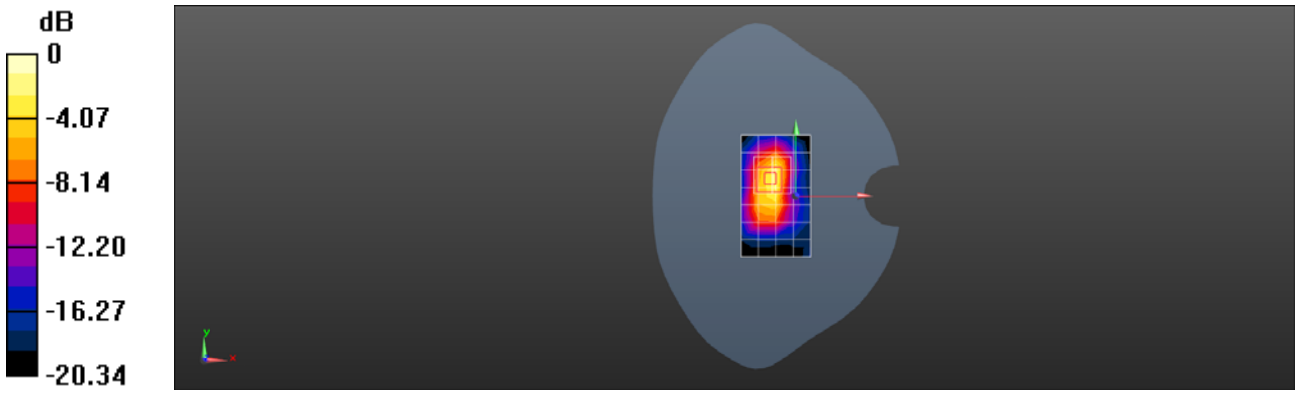
Medium: HSL1750;Medium parameters used: f = 1745 MHz; σ = 1.327 S/m; ε_r = 40.712; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.68 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.46 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 5.33 W/kg
SAR(1 g) = 2.17 W/kg; SAR(10 g) = 0.902 W/kg
Maximum value of SAR (measured) = 2.55 W/kg



0 dB = 2.55 W/kg = 4.07 dBW/kg

Date: 2020-12-26

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 4 20M QPSK 1RB0 20175CH Left cheek Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

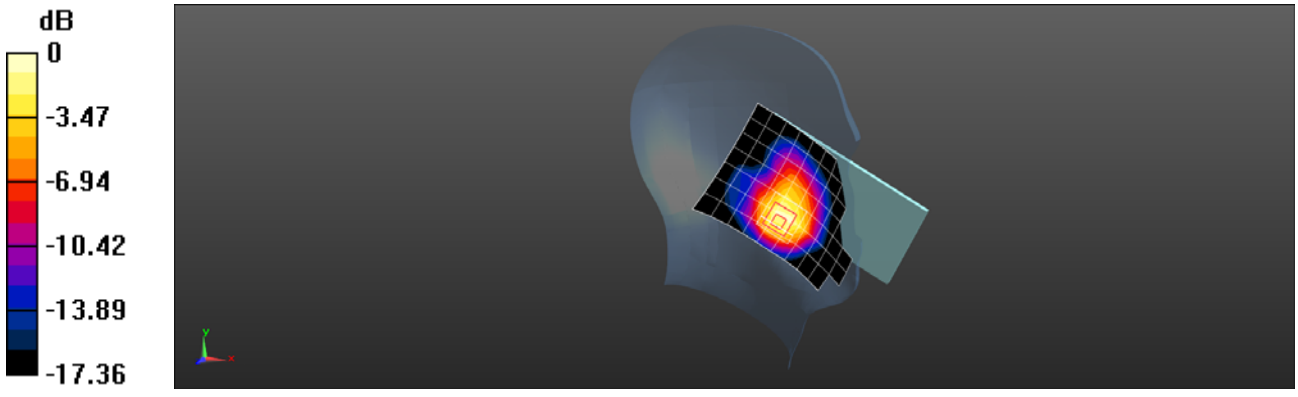
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.315 S/m; ε_r = 40.753; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.466 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.995 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.942 W/kg
SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.262 W/kg
Maximum value of SAR (measured) = 0.536 W/kg



0 dB = 0.536 W/kg = -2.71 dBW/kg

Date: 2020-12-26

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 4 20M QPSK 1RB0 20175CH Back side 15mm Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

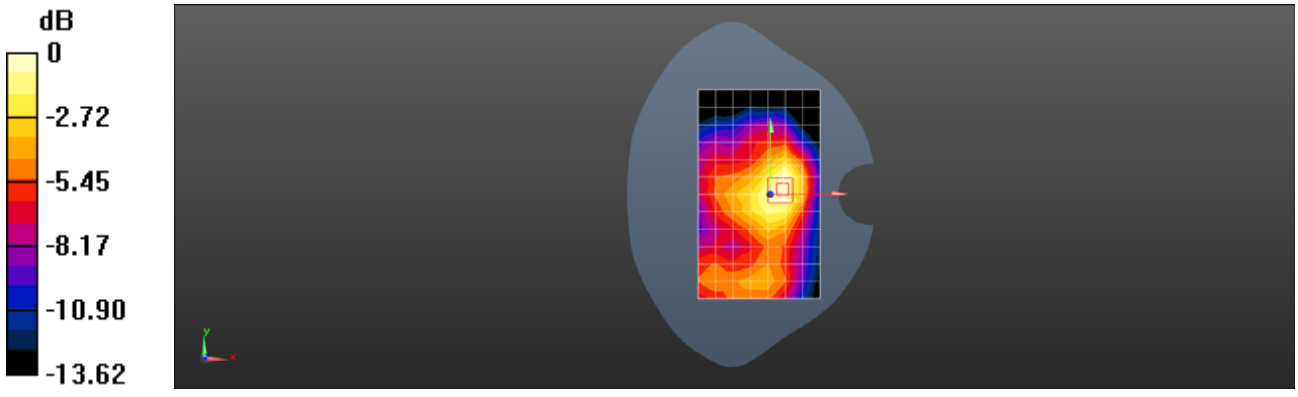
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.315 S/m; ε_r = 40.753; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.249 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.24 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.368 W/kg
SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.143 W/kg
Maximum value of SAR (measured) = 0.252 W/kg



0 dB = 0.252 W/kg = -5.99 dBW/kg

Date: 2020-12-26

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 4 20M QPSK 1RB0 20175CH Left side 10mm Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

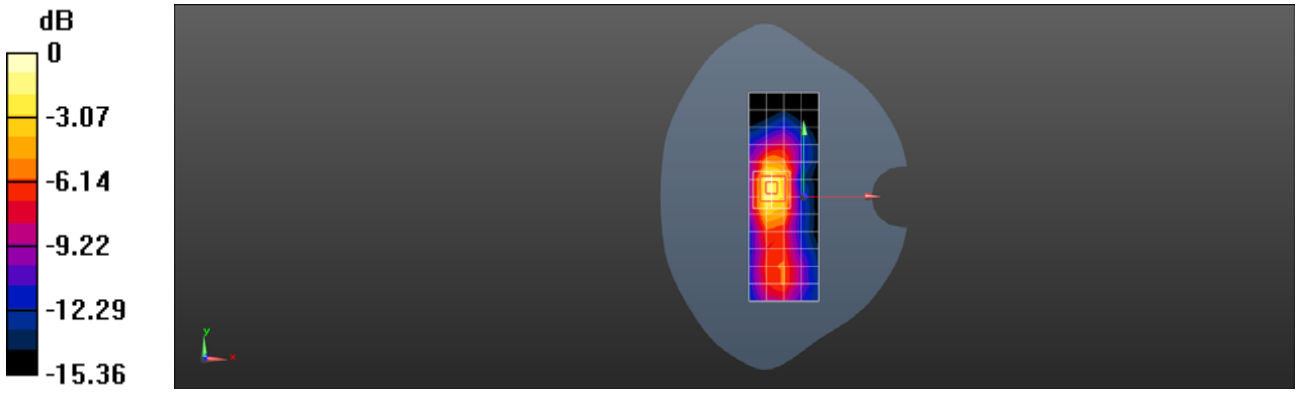
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.315 S/m; ε_r = 40.753; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.237 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.67 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.449 W/kg
SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.139 W/kg
Maximum value of SAR (measured) = 0.305 W/kg



0 dB = 0.305 W/kg = -5.16 dBW/kg

Date: 2020-12-26

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 4 20M QPSK 50RB0 20300CH Right cheek Ant5

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

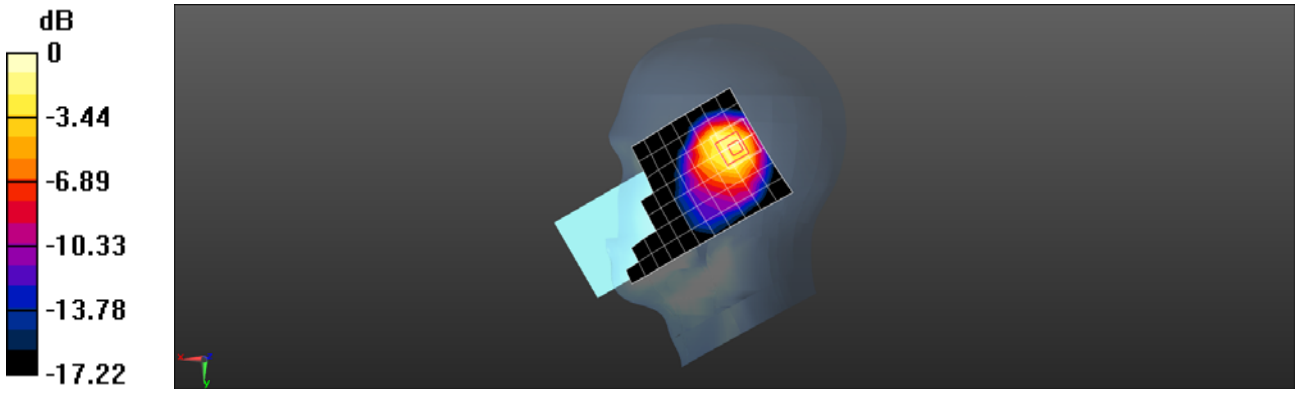
Medium: HSL1750;Medium parameters used: f = 1745 MHz; σ = 1.327 S/m; ε_r = 40.712; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.685 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.22 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.417 W/kg
Maximum value of SAR (measured) = 0.872 W/kg



0 dB = 0.872 W/kg = -0.59 dBW/kg

Date: 2020-12-26

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 4 20M QPSK 1RB99 20300CH Back side 15mm Ant5

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

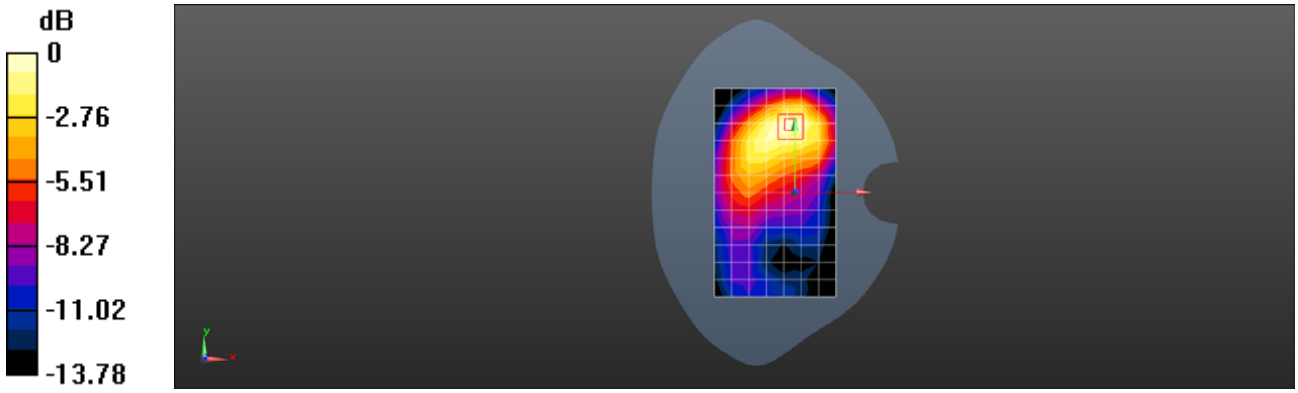
Medium: HSL1750;Medium parameters used: f = 1745 MHz; σ = 1.327 S/m; ε_r = 40.712; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.583 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.370 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.796 W/kg
SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.323 W/kg
Maximum value of SAR (measured) = 0.574 W/kg



0 dB = 0.574 W/kg = -2.41 dBW/kg

Date: 2020-12-26

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 4 20M QPSK 50RB0 20300CH Back side 10mm Ant5

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

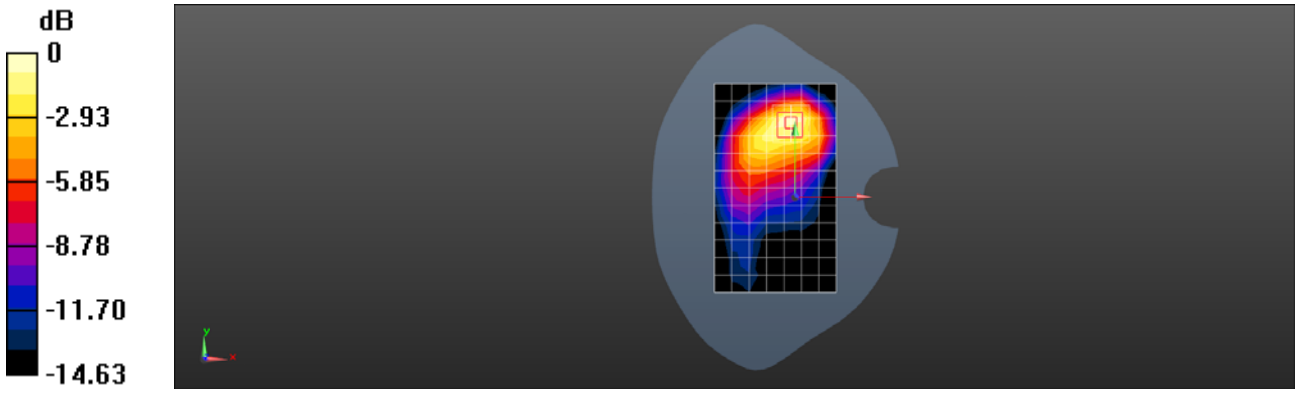
Medium: HSL1750;Medium parameters used: f = 1745 MHz; σ = 1.327 S/m; ε_r = 40.712; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.68, 7.68, 7.68); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.236 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.476 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.371 W/kg
SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.134 W/kg
Maximum value of SAR (measured) = 0.261 W/kg



0 dB = 0.261 W/kg = -5.83 dBW/kg

Date: 2021/01/03

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 4 20M QPSK 1RB0 20175CH Right cheek Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 864376026015007

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

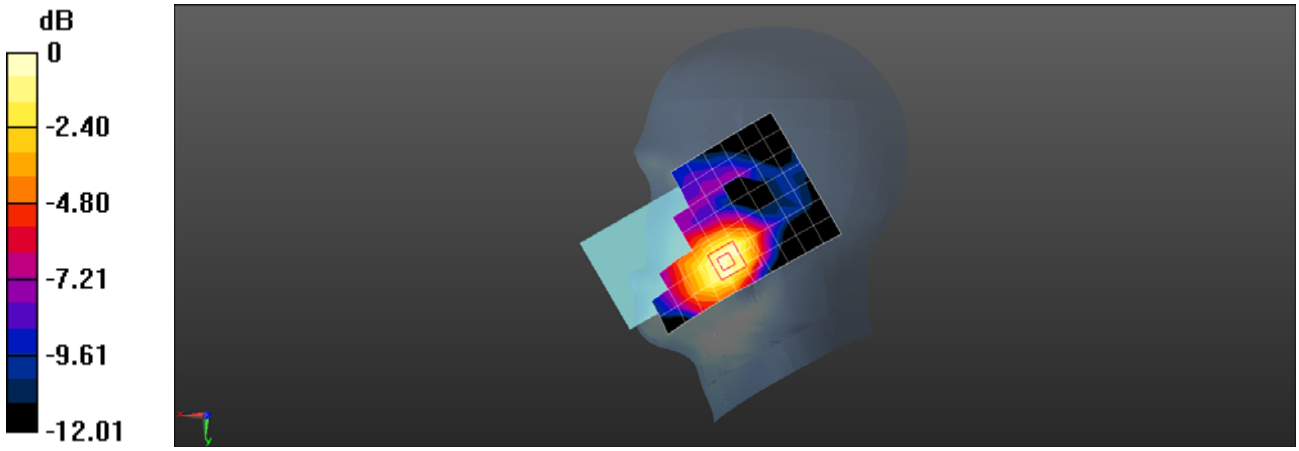
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.322 S/m; ε_r = 40.319; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.78, 8.78, 8.78); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0257 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.264 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0360 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.0282 W/kg



0 dB = 0.0282 W/kg = -15.50 dBW/kg

Date: 2021/01/03

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 4 20M QPSK 1RB0 20175CH Back side 15mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 864376026015007

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

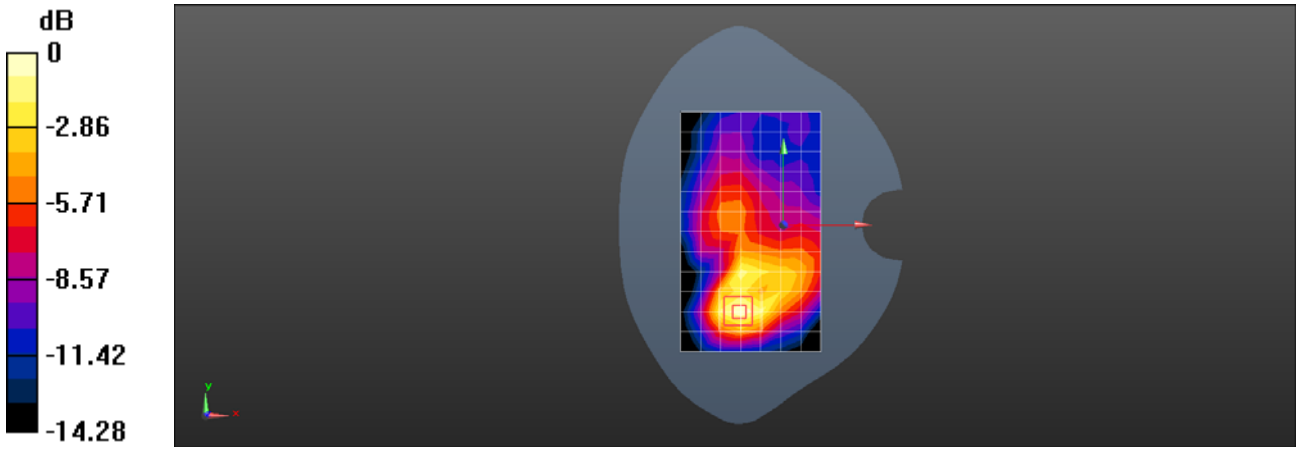
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.322 S/m; ε_r = 40.319; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.78, 8.78, 8.78); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0470 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.813 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0630 W/kg
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.0467 W/kg



0 dB = 0.0467 W/kg = -13.31 dBW/kg

Date: 2021/01/03

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 4 20M QPSK 50RB0 20300CH Back side 10mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 864376026015007

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

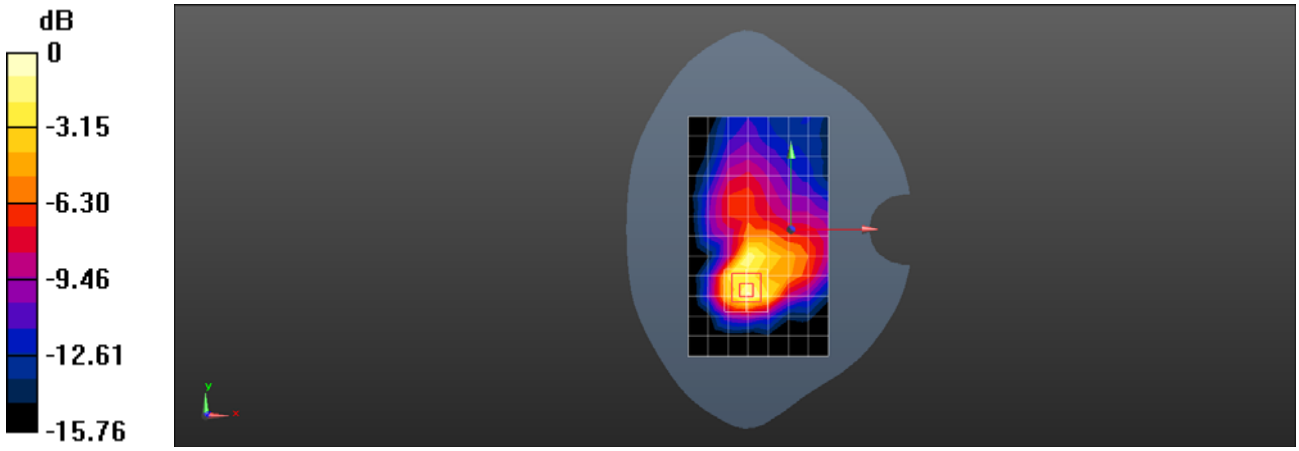
Medium: HSL1750;Medium parameters used (interpolated): f = 1745 MHz; σ = 1.333 S/m; ε_r = 40.26; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.78, 8.78, 8.78); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0726 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.730 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.0826 W/kg



0 dB = 0.0826 W/kg = -10.83 dBW/kg

Date: 2021/01/03

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 4 20M QPSK 50RB0 20175CH Right tilted Ant5

DUT: M2101K9G; Type: Mobile Phone; Serial: 864376026015007

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

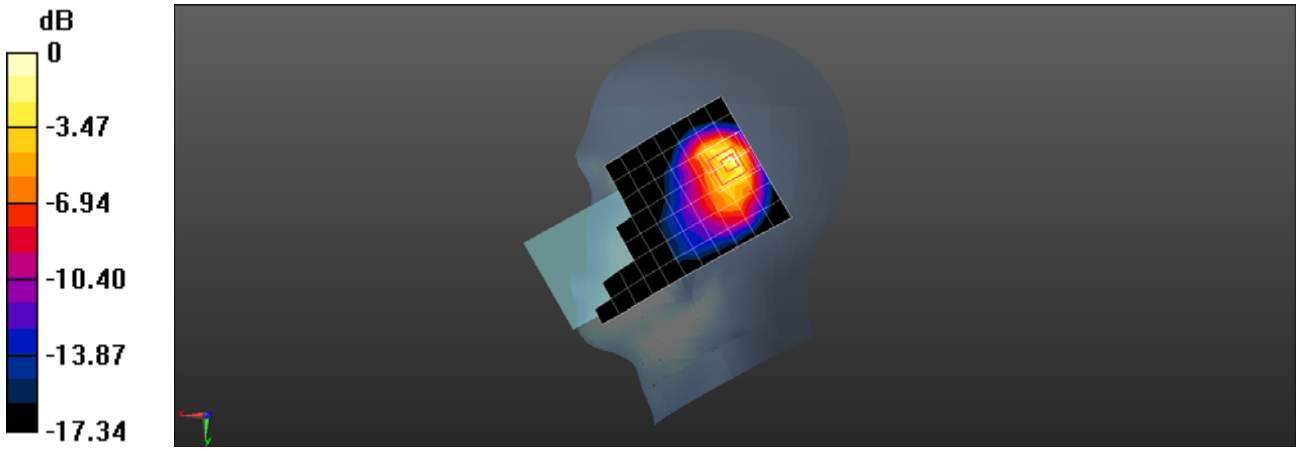
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.322 S/m; ε_r = 40.319; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.78, 8.78, 8.78); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.888 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.61 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.836 W/kg; SAR(10 g) = 0.421 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



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

Date: 2021/01/03

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 4 20M QPSK 1RB0 20175CH Back side 15mm Ant5

DUT: M2101K9G; Type: Mobile Phone; Serial: 864376026015007

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

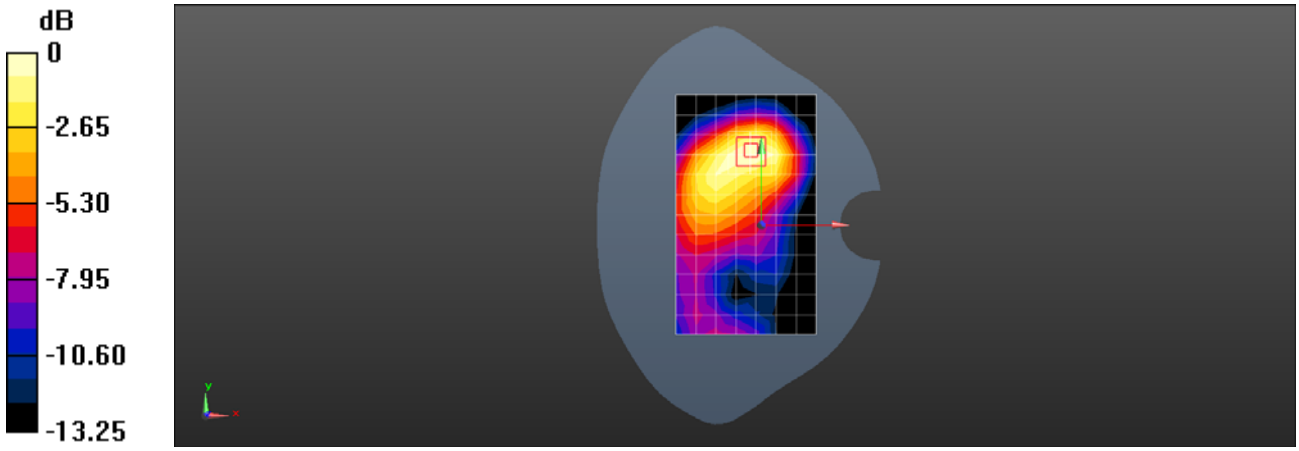
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.322 S/m; ε_r = 40.319; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.78, 8.78, 8.78); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.522 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.29 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.695 W/kg
SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.278 W/kg
Maximum value of SAR (measured) = 0.491 W/kg



0 dB = 0.491 W/kg = -3.09 dBW/kg

Date: 2021/01/03

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 4 20M QPSK 1RB0 20175CH Back side 10mm Ant5

DUT: M2101K9G; Type: Mobile Phone; Serial: 864376026015007

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

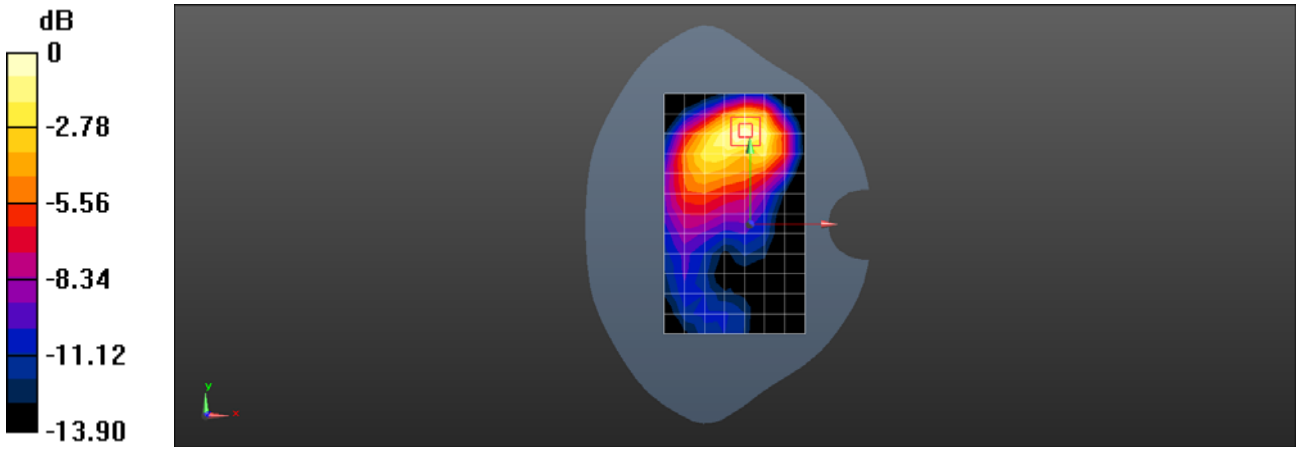
Medium: HSL1750;Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.322 S/m; ε_r = 40.319; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.78, 8.78, 8.78); Calibrated: 2020/10/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.280 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.695 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 0.421 W/kg
SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.147 W/kg
Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.276 W/kg = -5.59 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 5 10M QPSK 1RB0 20600CH Right cheek Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, LTE Band 5 10MHz; Frequency: 844 MHz;Duty Cycle: 1:1

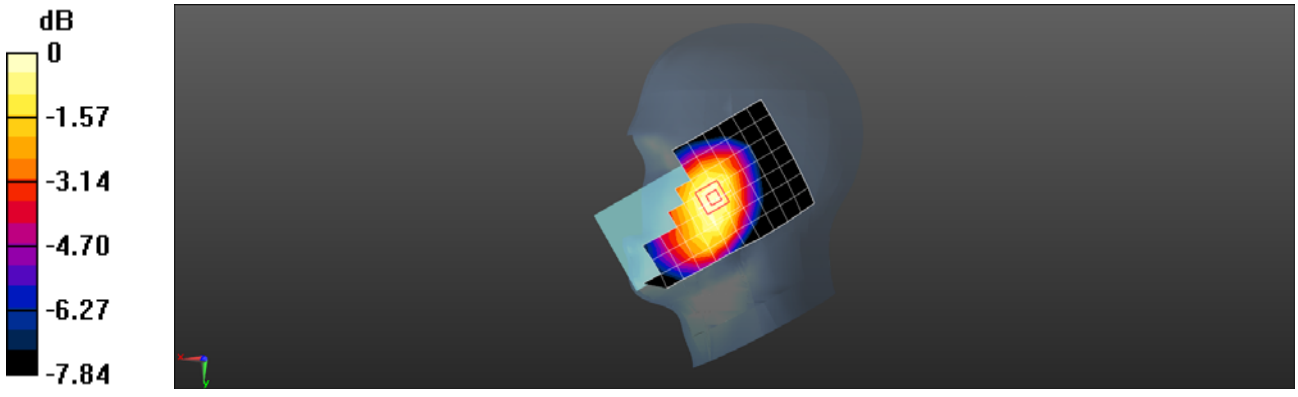
Medium: HSL835;Medium parameters used: f = 844 MHz; σ = 0.942 S/m; ε_r = 42.322; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.366 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.054 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.287 W/kg
Maximum value of SAR (measured) = 0.383 W/kg



0 dB = 0.383 W/kg = -4.17 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 5 10M QPSK 1RB0 20600CH Back side 15mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, LTE Band 5 10MHz; Frequency: 844 MHz;Duty Cycle: 1:1

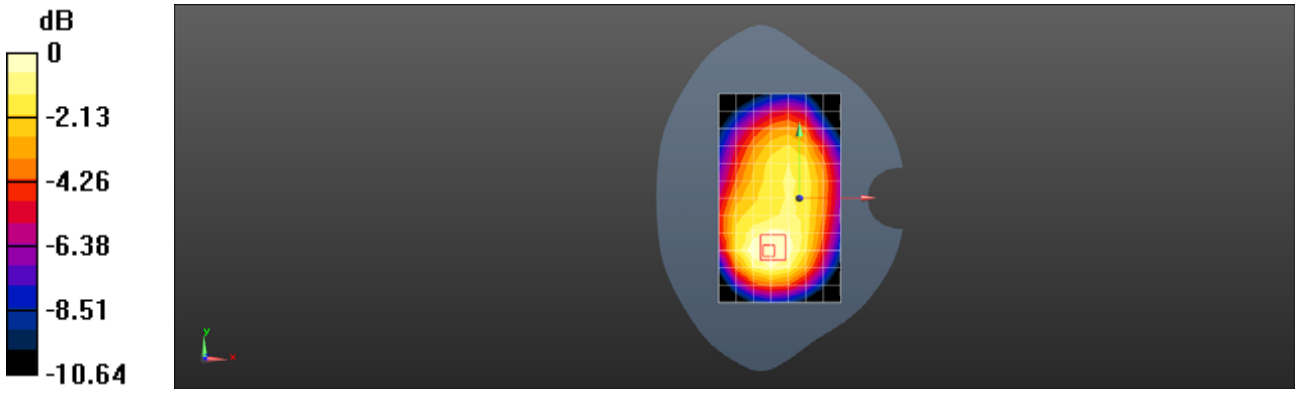
Medium: HSL835;Medium parameters used: f = 844 MHz; σ = 0.942 S/m; ε_r = 42.322; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.456 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.61 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.544 W/kg
SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.277 W/kg
Maximum value of SAR (measured) = 0.418 W/kg



0 dB = 0.418 W/kg = -3.79 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 5 10M QPSK 25RB13 20600CH Back side 10mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, LTE Band 5 10MHz; Frequency: 844 MHz;Duty Cycle: 1:1

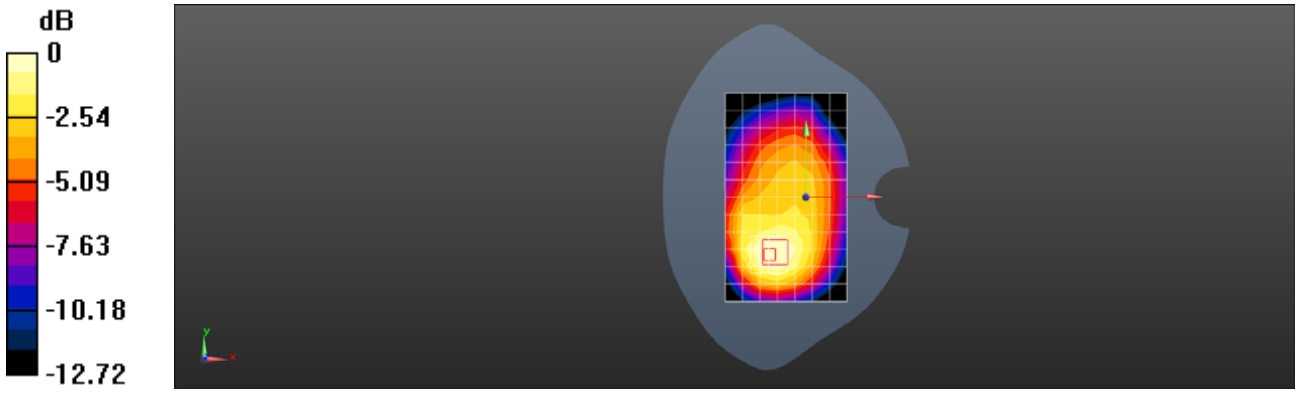
Medium: HSL835;Medium parameters used: f = 844 MHz; σ = 0.942 S/m; ε_r = 42.322; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.534 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.13 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.712 W/kg
SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.317 W/kg
Maximum value of SAR (measured) = 0.510 W/kg



0 dB = 0.510 W/kg = -2.92 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 5 10M QPSK 25RB13 20450CH Right cheek Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 829 MHz;Duty Cycle: 1:1

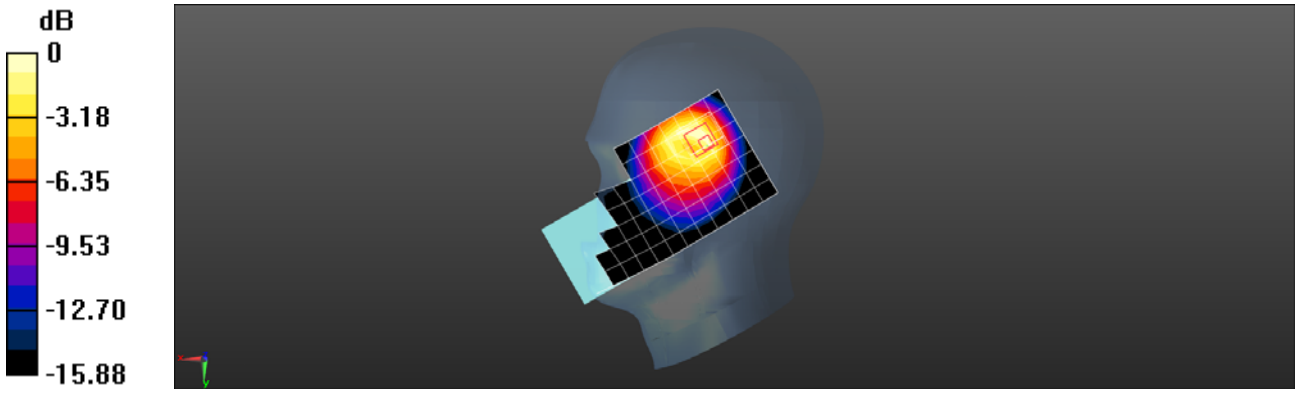
Medium: HSL835;Medium parameters used (interpolated): f = 829 MHz; σ = 0.933 S/m; ε_r = 42.406; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.752 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.44 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.296 W/kg
Maximum value of SAR (measured) = 0.751 W/kg



0 dB = 0.751 W/kg = -1.24 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 5 10M QPSK 25RB25 20525CH Back side 15mm Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

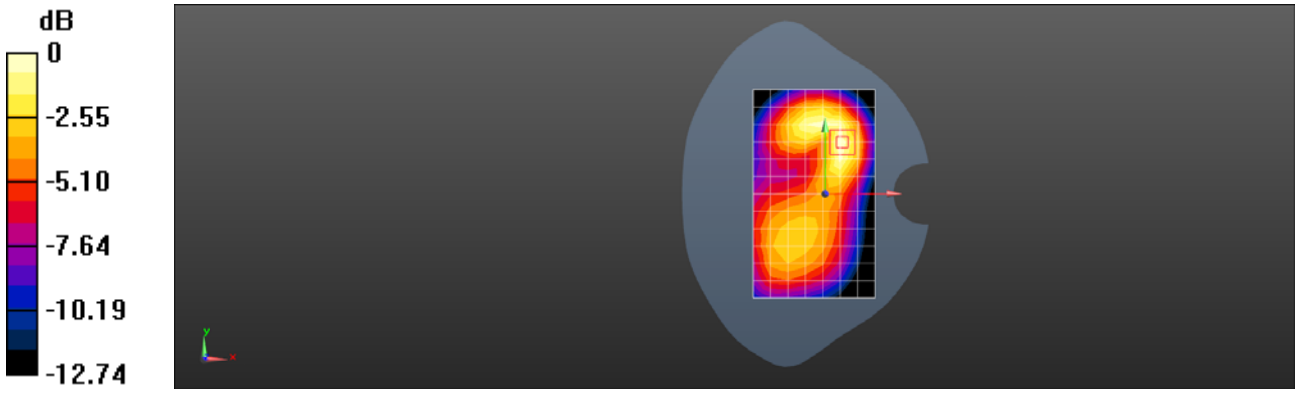
Medium: HSL835;Medium parameters used: f = 837 MHz; σ = 0.938 S/m; ε_r = 42.36; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.224 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.452 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.284 W/kg
SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.106 W/kg
Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg = -6.42 dBW/kg

Date: 2020-12-20

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 5 10M QPSK 25RB13 20450CH Left side 10mm Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 829 MHz;Duty Cycle: 1:1

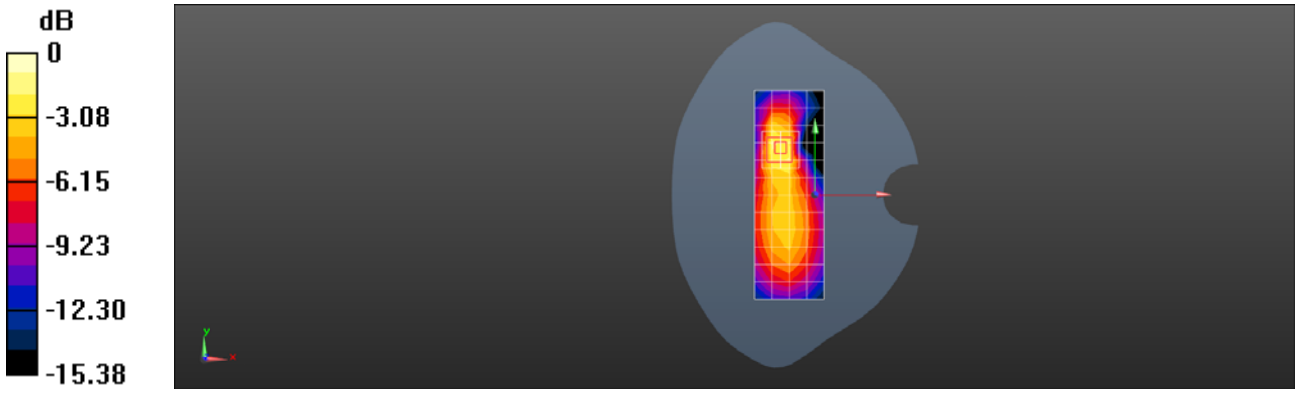
Medium: HSL835;Medium parameters used: f = 829 MHz; σ = 0.933 S/m; ε_r = 42.406; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.8, 8.8, 8.8); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.199 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.35 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.394 W/kg
SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.298 W/kg



0 dB = 0.298 W/kg = -5.26 dBW/kg

Date: 2020-12-27

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 7 20M QPSK 1RB50 20850CH Right cheek Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

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

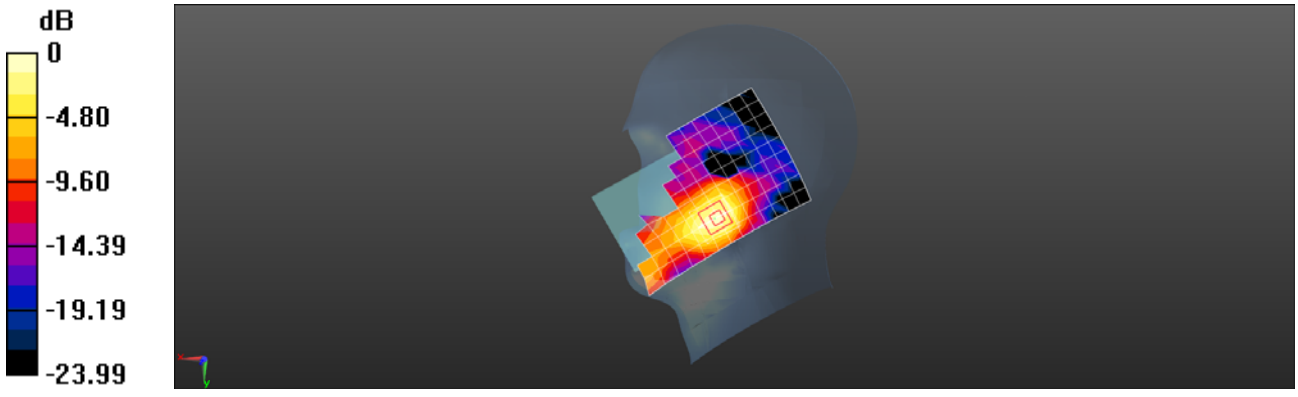
Medium: HSL2600;Medium parameters used: f = 2510 MHz; σ = 1.862 S/m; ε_r = 38.108; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.348 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.661 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.423 W/kg
SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.133 W/kg
Maximum value of SAR (measured) = 0.338 W/kg



0 dB = 0.338 W/kg = -4.71 dBW/kg

Date: 2020-12-27

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 7 20M QPSK 1RB50 20850CH Front side 15mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

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

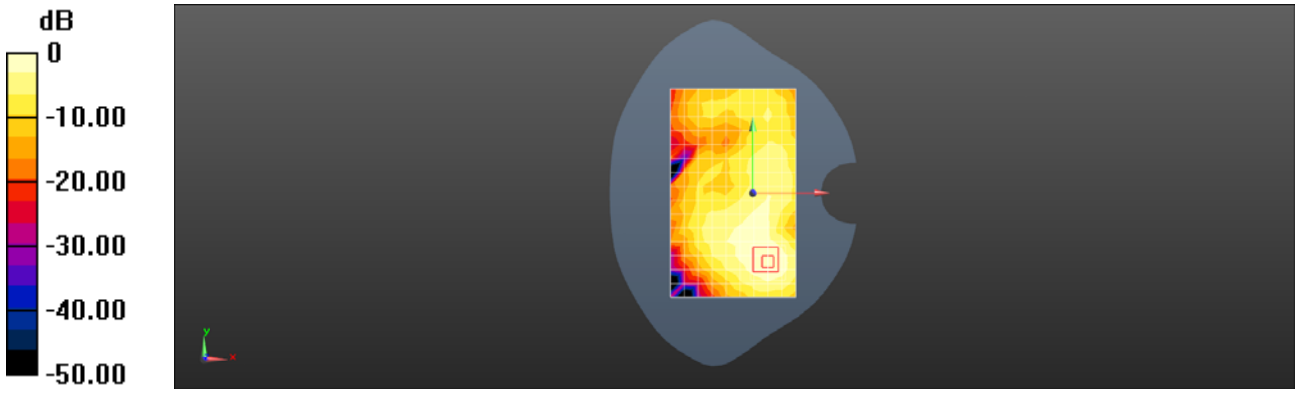
Medium: HSL2600;Medium parameters used: f = 2510 MHz; σ = 1.862 S/m; ε_r = 38.108; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.189 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.831 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.244 W/kg
SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.070 W/kg
Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.190 W/kg = -7.21 dBW/kg

Date: 2020-12-27

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 7 20M QPSK 1RB99 20850CH Front side 10mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

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

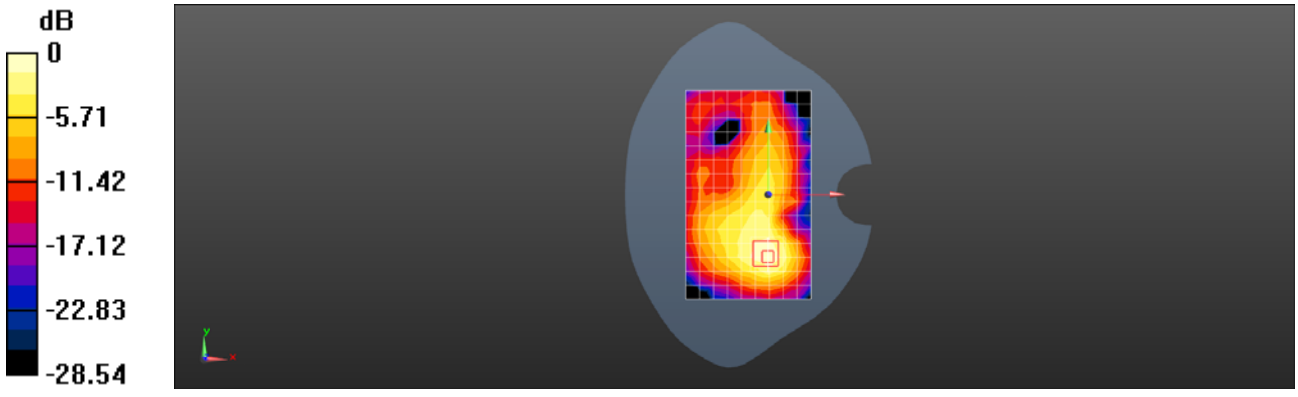
Medium: HSL2600;Medium parameters used: f = 2510 MHz; σ = 1.862 S/m; ε_r = 38.108; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.427 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.589 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.530 W/kg
SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.162 W/kg
Maximum value of SAR (measured) = 0.417 W/kg



0 dB = 0.417 W/kg = -3.80 dBW/kg

Date: 2020-12-27

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 7 20M QPSK 1RB0 20850CH Left cheek Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

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

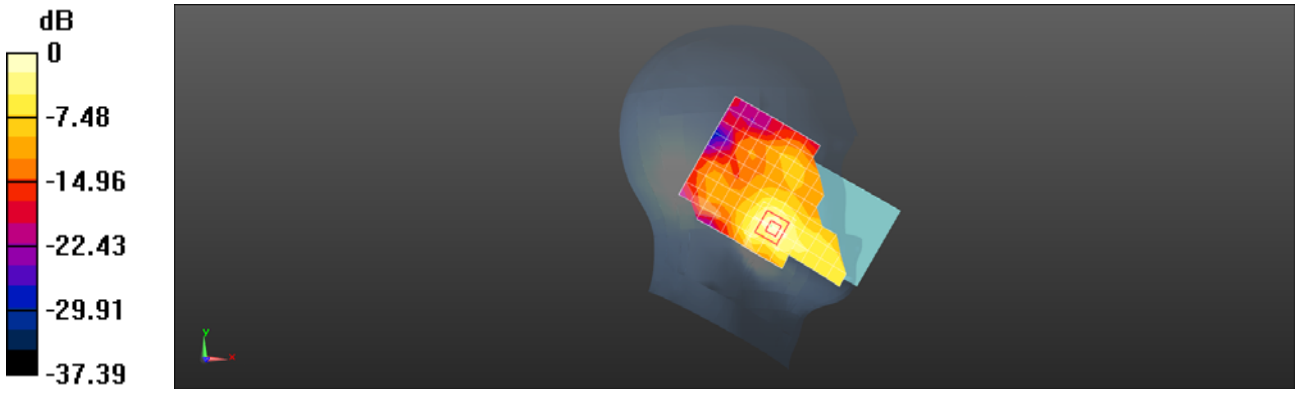
Medium: HSL2600;Medium parameters used: f = 2510 MHz; σ = 1.862 S/m; ε_r = 38.108; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.440 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.733 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.580 W/kg
SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.139 W/kg
Maximum value of SAR (measured) = 0.434 W/kg



0 dB = 0.434 W/kg = -3.63 dBW/kg

Date: 2020-12-27

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 7 20M QPSK 1RB0 20850CH Back side 15mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

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

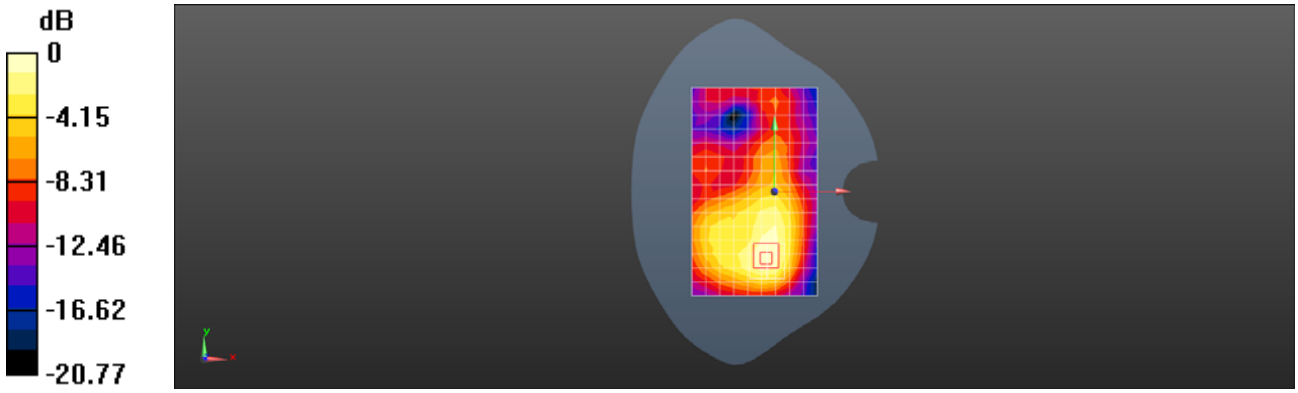
Medium: HSL2600;Medium parameters used: f = 2510 MHz; σ = 1.862 S/m; ε_r = 38.108; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.478 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.534 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.666 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.195 W/kg
Maximum value of SAR (measured) = 0.507 W/kg



0 dB = 0.507 W/kg = -2.95 dBW/kg

Date: 2020-12-27

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 7 20M QPSK 50RB25 20850CH Back side 10mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

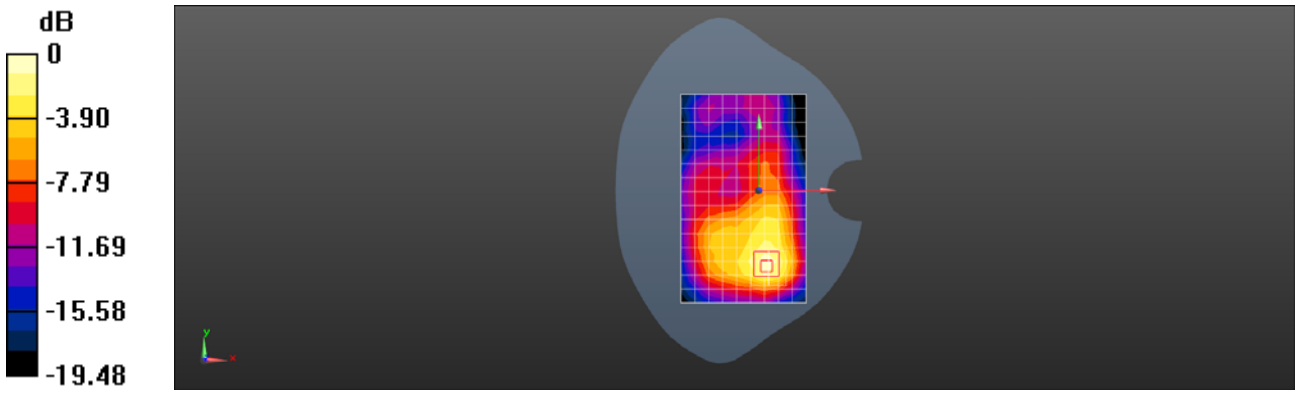
Medium: HSL2600;Medium parameters used: f = 2510 MHz; σ = 1.862 S/m; ε_r = 38.108; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.268 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.591 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.495 W/kg
SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.137 W/kg
Maximum value of SAR (measured) = 0.293 W/kg



0 dB = 0.293 W/kg = -5.33 dBW/kg

Date: 2020-12-27

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 7 20M QPSK 50RB50 20850CH Right cheek Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

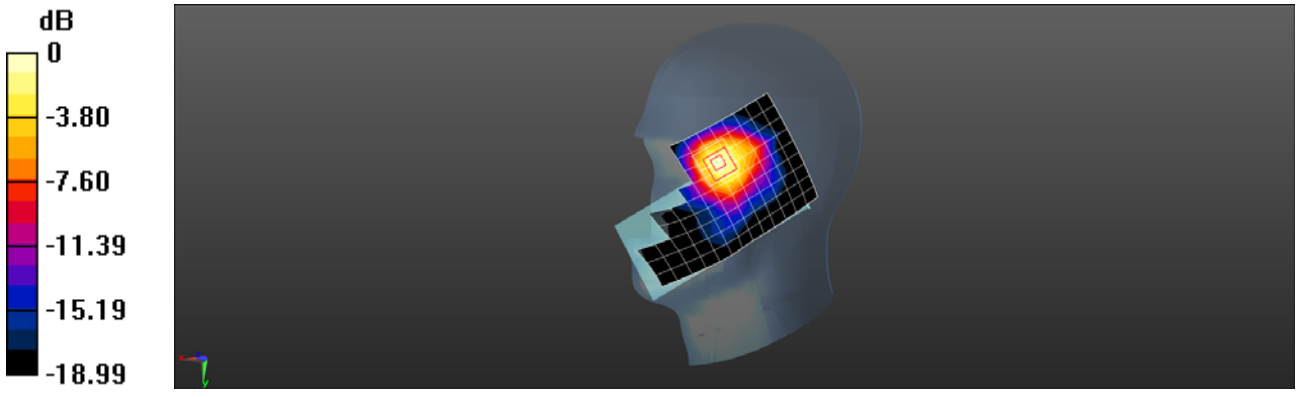
Medium: HSL2600;Medium parameters used: f = 2510 MHz; σ = 1.862 S/m; ε_r = 38.108; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.649 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.923 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.651 W/kg; SAR(10 g) = 0.337 W/kg
Maximum value of SAR (measured) = 0.750 W/kg



0 dB = 0.750 W/kg = -1.25 dBW/kg

Date: 2020-12-27

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 7 20M QPSK 50RB50 20850CH Back side 15mm Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

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

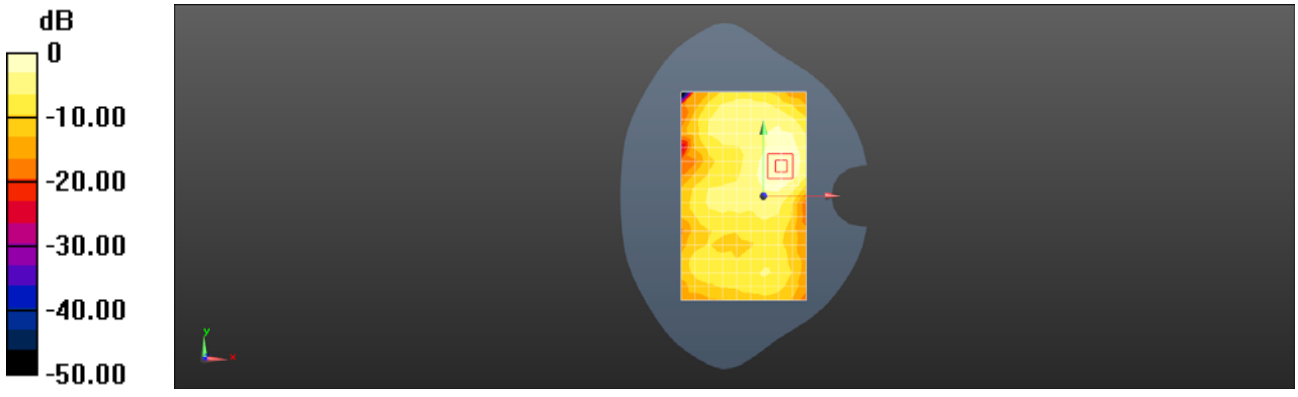
Medium: HSL2600;Medium parameters used: f = 2510 MHz; σ = 1.862 S/m; ε_r = 38.108; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.219 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.870 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.301 W/kg
SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.086 W/kg
Maximum value of SAR (measured) = 0.229 W/kg



0 dB = 0.229 W/kg = -6.40 dBW/kg

Date: 2020-12-27

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 7 20M QPSK 50RB50 21350CH Left side 10mm Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz;Duty Cycle: 1:1

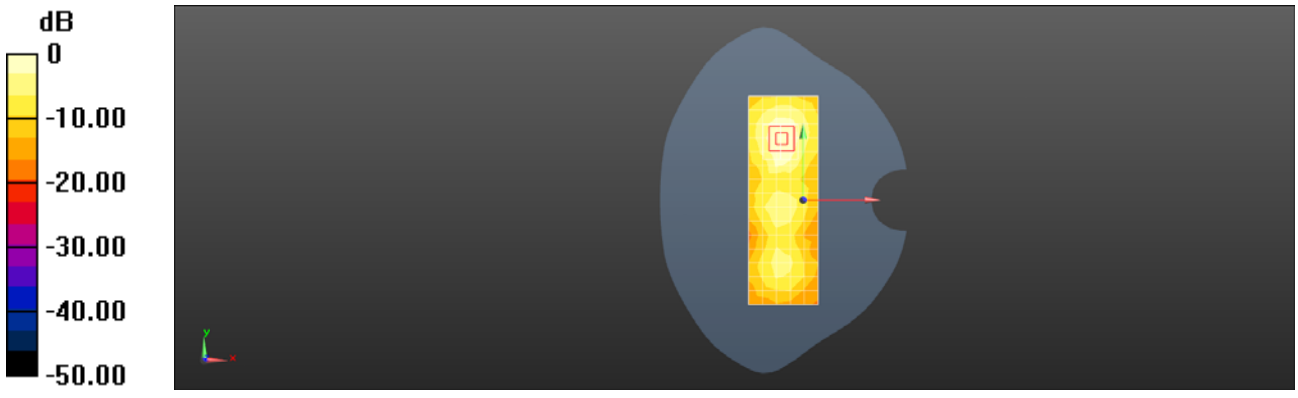
Medium: HSL2600;Medium parameters used: f = 2560 MHz; σ = 1.924 S/m; ε_r = 37.882; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.286 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.722 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.413 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.108 W/kg
Maximum value of SAR (measured) = 0.308 W/kg



0 dB = 0.308 W/kg = -5.11 dBW/kg

Date: 2020-12-27

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 7 20M QPSK 50RB50 20850CH Right tilted Ant5

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

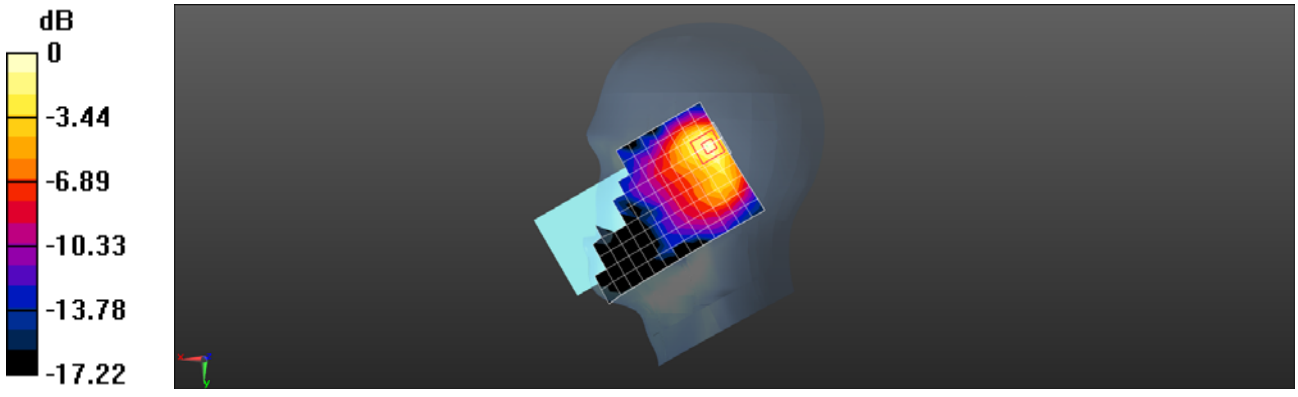
Medium: HSL2600;Medium parameters used: f = 2510 MHz; σ = 1.862 S/m; ε_r = 38.108; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.641 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.22 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.390 W/kg
Maximum value of SAR (measured) = 0.815 W/kg



0 dB = 0.815 W/kg = -0.89 dBW/kg

Date: 2020-12-27

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 7 20M QPSK 1RB99 20850CH Back side 15mm Ant5

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

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

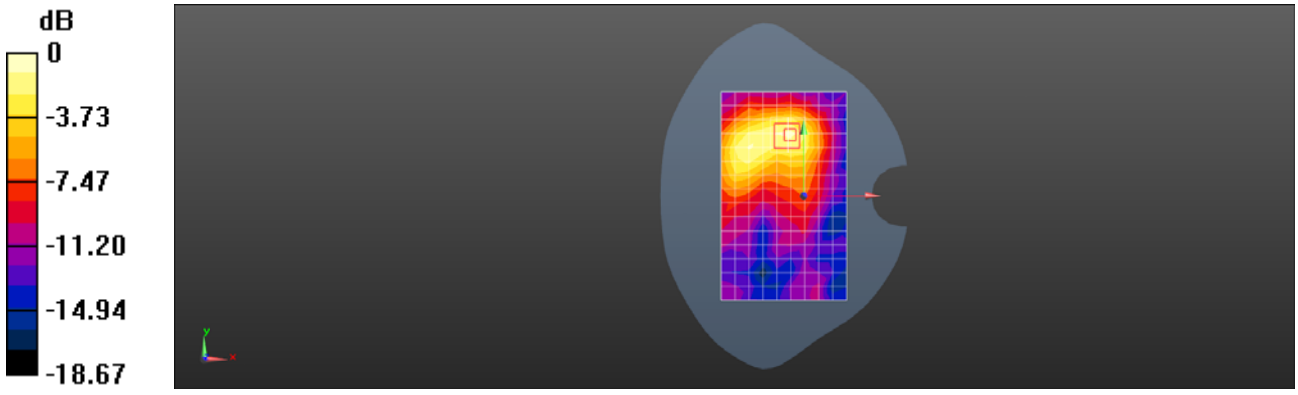
Medium: HSL2600;Medium parameters used: f = 2510 MHz; σ = 1.862 S/m; ε_r = 38.108; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (10x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.356 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.441 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.565 W/kg
SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.132 W/kg
Maximum value of SAR (measured) = 0.418 W/kg



0 dB = 0.418 W/kg = -3.79 dBW/kg

Date: 2020-12-27

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 7 20M QPSK 50RB50 21350CH Back side 10mm Ant5

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz;Duty Cycle: 1:1

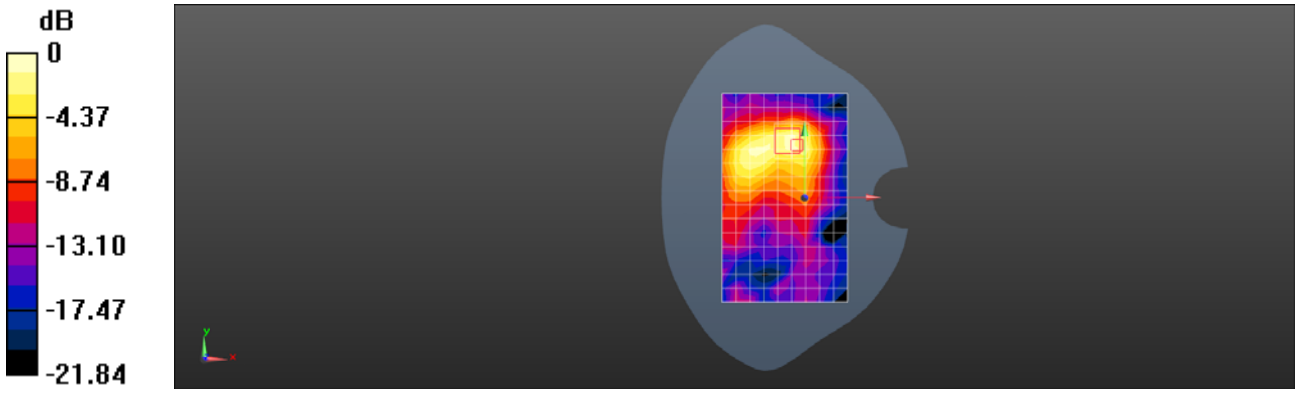
Medium: HSL2600;Medium parameters used: f = 2560 MHz; σ = 1.924 S/m; ε_r = 37.882; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.271 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.781 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.489 W/kg
SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.086 W/kg
Maximum value of SAR (measured) = 0.298 W/kg



0 dB = 0.298 W/kg = -5.26 dBW/kg

Date: 2021/01/04

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 7 20M QPSK 1RB99 21100CH Right cheek Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050086821

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2535.5 MHz;Duty Cycle: 1:1

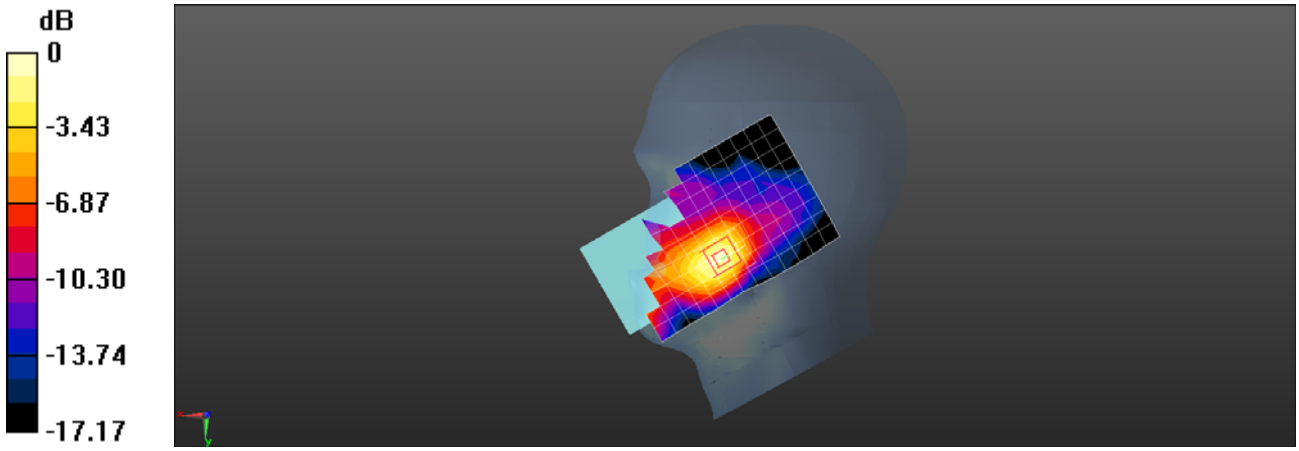
Medium: HSL2600;Medium parameters used: f = 2535.5 MHz; σ = 1.95 S/m; ε_r = 39.18; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.88, 6.88, 6.88); Calibrated: 2020/05/09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.325 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.134 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.509 W/kg
SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.172 W/kg
Maximum value of SAR (measured) = 0.347 W/kg



0 dB = 0.347 W/kg = -4.60 dBW/kg

Date: 2021/01/04

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 7 20M QPSK 1RB99 21100CH Front side 15mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050086821

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2535.5 MHz;Duty Cycle: 1:1

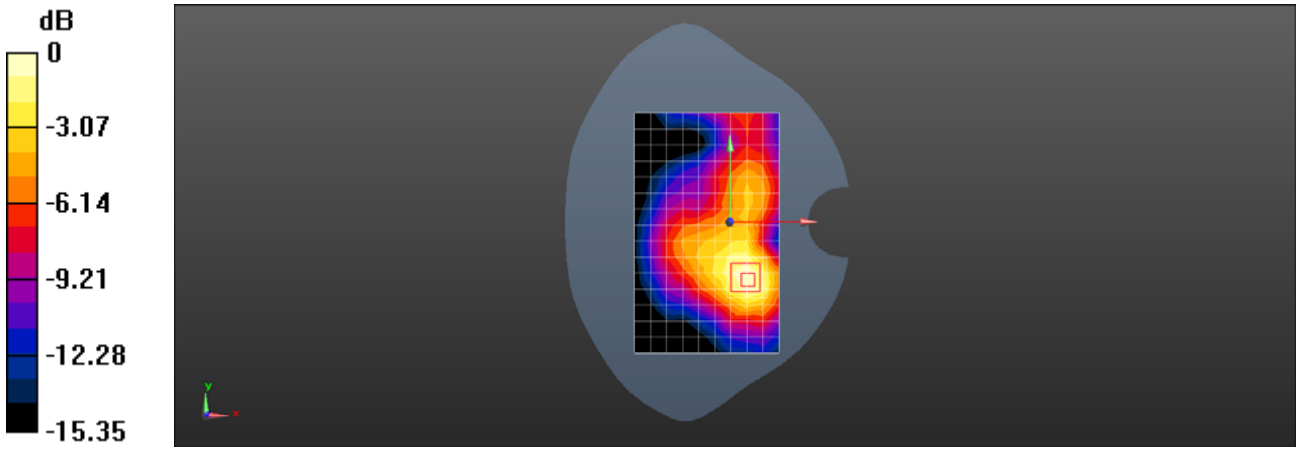
Medium: HSL2600;Medium parameters used: f = 2535.5 MHz; σ = 1.95 S/m; ε_r = 39.18; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.88, 6.88, 6.88); Calibrated: 2020/05/09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.438 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.051 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.630 W/kg
SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.222 W/kg
Maximum value of SAR (measured) = 0.424 W/kg



0 dB = 0.424 W/kg = -3.73 dBW/kg

Date: 2021/01/04

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 7 20M QPSK 50RB25 21350CH Front side 10mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 864376026015007

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz;Duty Cycle: 1:1

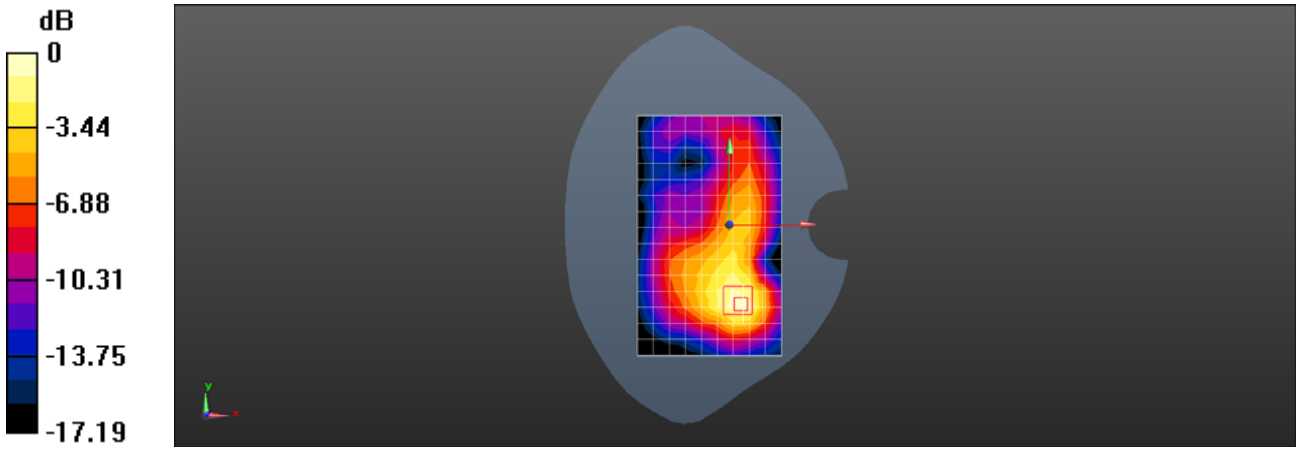
Medium: HSL2600;Medium parameters used: f = 2560 MHz; σ = 1.985 S/m; ε_r = 39.08; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.88, 6.88, 6.88); Calibrated: 2020/05/09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.253 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.567 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.439 W/kg
SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.283 W/kg



0 dB = 0.283 W/kg = -5.48 dBW/kg

Date: 2021/01/04

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 7 20M QPSK 50RB25 21100CH Left cheek Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050086821

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2535.5 MHz;Duty Cycle: 1:1

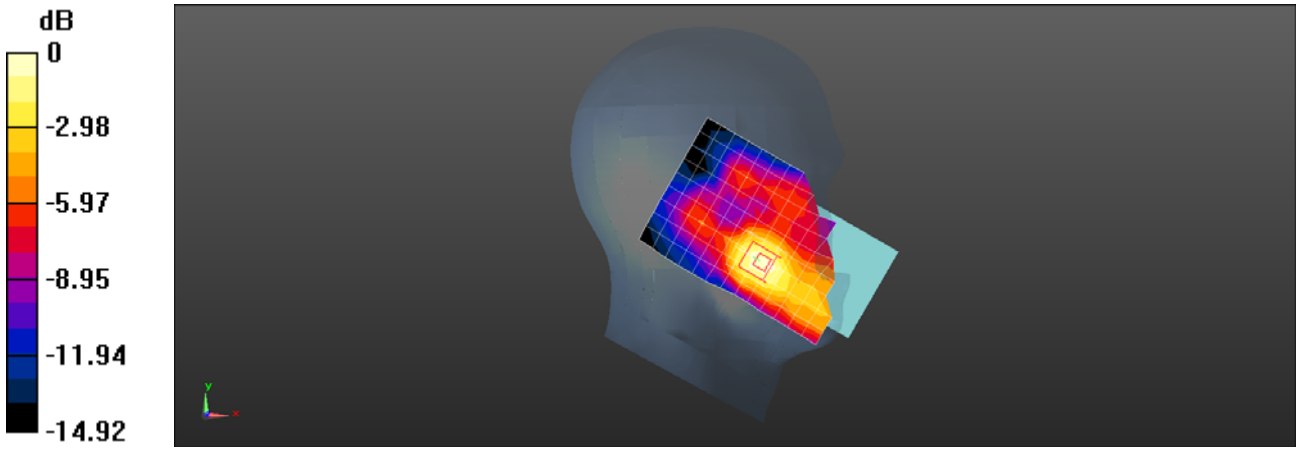
Medium: HSL2600;Medium parameters used: f = 2535.5 MHz; σ = 1.95 S/m; ε_r = 39.18; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.88, 6.88, 6.88); Calibrated: 2020/05/09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.118 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.023 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.175 W/kg
SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.063 W/kg
Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.121 W/kg = -9.17 dBW/kg

Date: 2021/01/04

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 7 20M QPSK 1RB99 21100CH Front side 15mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050086821

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2535.5 MHz;Duty Cycle: 1:1

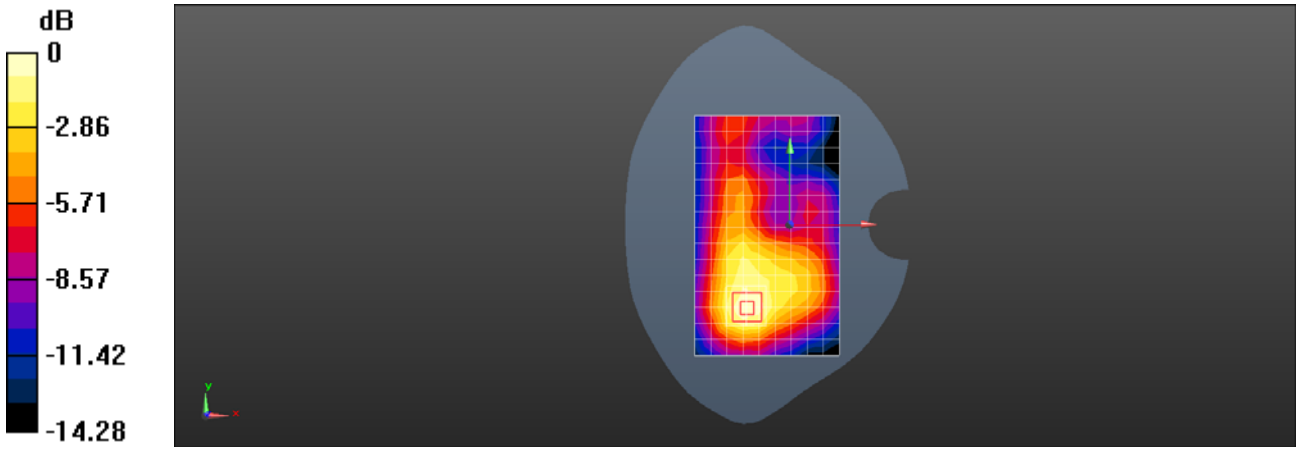
Medium: HSL2600;Medium parameters used: f = 2535.5 MHz; σ = 1.95 S/m; ε_r = 39.18; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.88, 6.88, 6.88); Calibrated: 2020/05/09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.216 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.238 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.107 W/kg
Maximum value of SAR (measured) = 0.204 W/kg



0 dB = 0.204 W/kg = -6.90 dBW/kg

Date: 2021/01/04

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 7 20M QPSK 50RB50 21350CH Back side 10mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 864376026015007

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz;Duty Cycle: 1:1

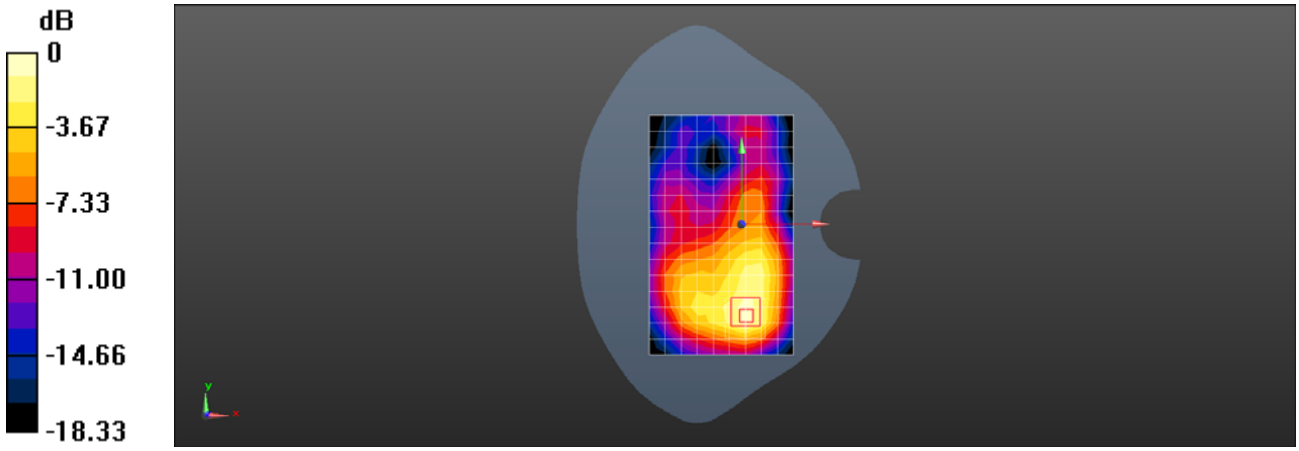
Medium: HSL2600;Medium parameters used: f = 2560 MHz; σ = 1.985 S/m; ε_r = 39.08; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.88, 6.88, 6.88); Calibrated: 2020/05/09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.232 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.140 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.413 W/kg
SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.257 W/kg



0 dB = 0.257 W/kg = -5.90 dBW/kg

Date: 2021/01/04

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 7 20M QPSK 50RB25 20850CH Right cheek Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 864376026015007

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

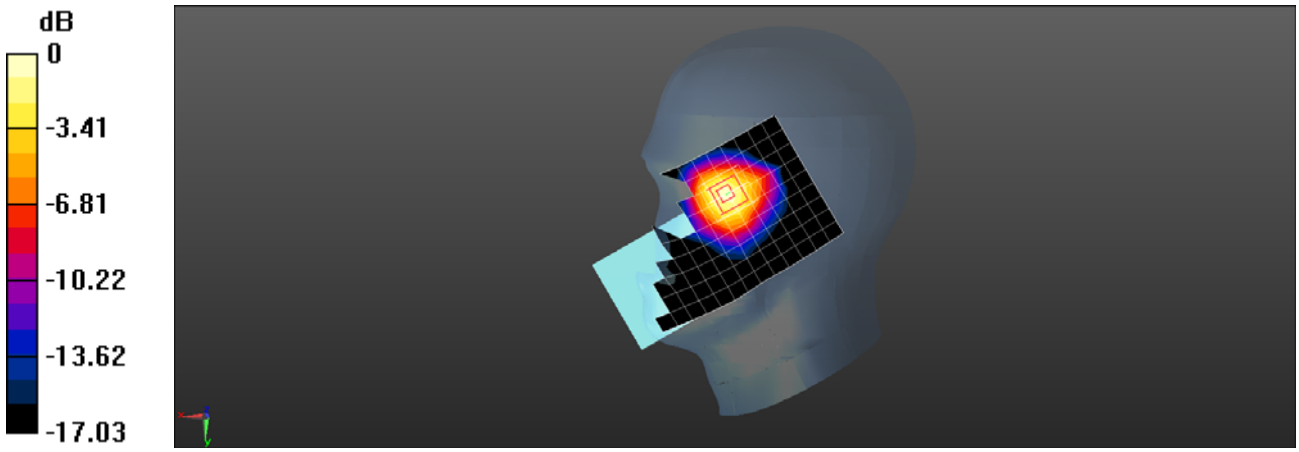
Medium: HSL2600;Medium parameters used: f = 2510 MHz; σ = 1.926 S/m; ε_r = 39.266; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.88, 6.88, 6.88); Calibrated: 2020/05/09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.313 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.488 W/kg
SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.150 W/kg
Maximum value of SAR (measured) = 0.319 W/kg



0 dB = 0.319 W/kg = -4.96 dBW/kg

Date: 2021/01/04

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 7 20M QPSK 50RB0 20850CH Back side 15mm Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 864376026015007

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

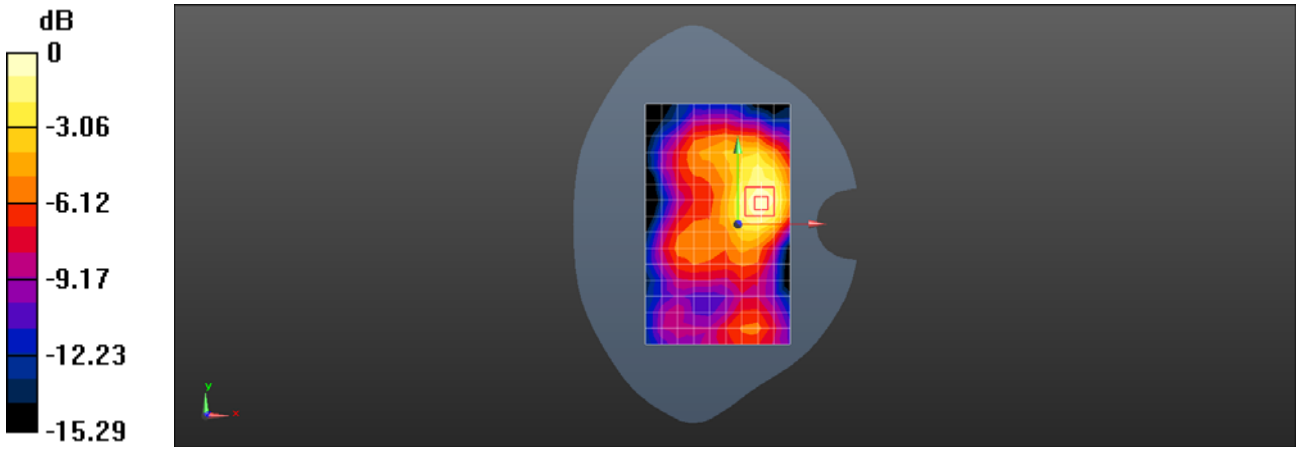
Medium: HSL2600;Medium parameters used: f = 2510 MHz; σ = 1.926 S/m; ε_r = 39.266; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.88, 6.88, 6.88); Calibrated: 2020/05/09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0691 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.272 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.114 W/kg
SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.035 W/kg
Maximum value of SAR (measured) = 0.0682 W/kg



0 dB = 0.0682 W/kg = -11.66 dBW/kg

Date: 2021/01/04

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 7 20M QPSK 50RB25 20850CH Left side 10mm Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 864376026015007

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

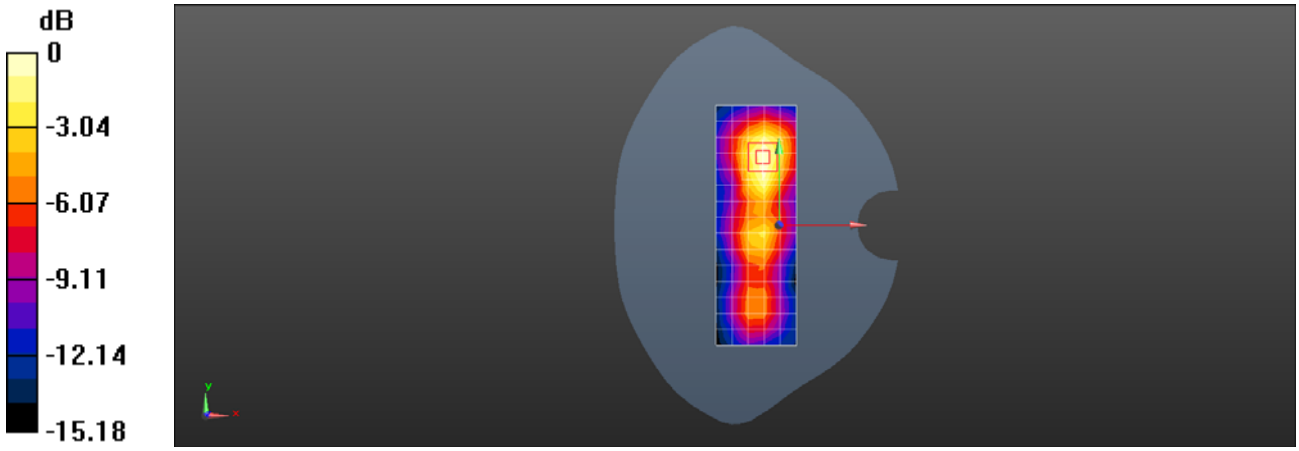
Medium: HSL2600;Medium parameters used: f = 2510 MHz; σ = 1.926 S/m; ε_r = 39.266; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.88, 6.88, 6.88); Calibrated: 2020/05/09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0722 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.160 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.034 W/kg
Maximum value of SAR (measured) = 0.0715 W/kg



0 dB = 0.0715 W/kg = -11.46 dBW/kg

Date: 2021/01/04

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 7 20M QPSK 1RB99 20850CH Right tilted Ant5

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050079784

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

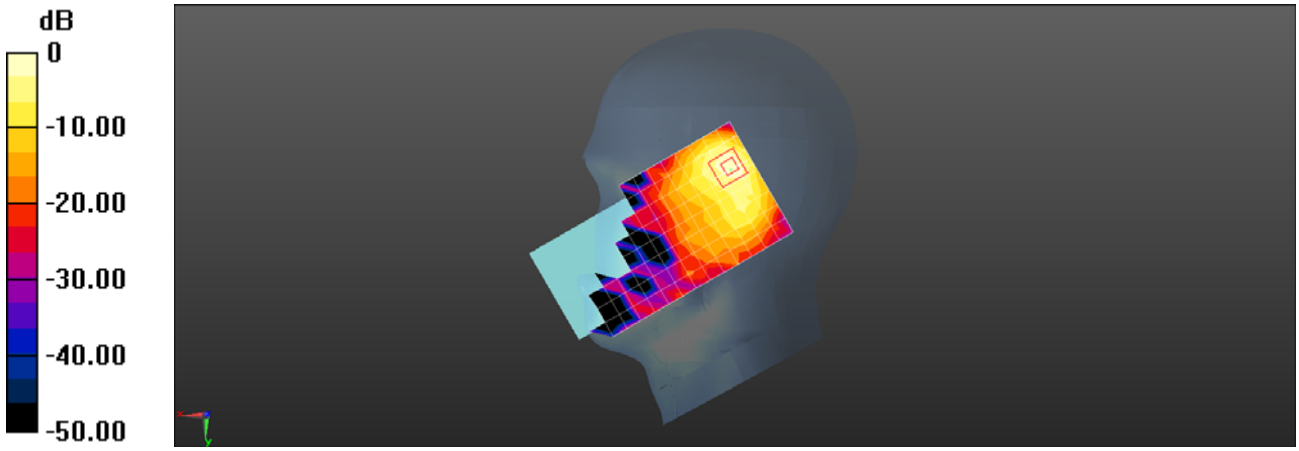
Medium: HSL2600;Medium parameters used: f = 2510 MHz; σ = 1.894 S/m; ε_r = 40.528; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.88, 6.88, 6.88); Calibrated: 2020/05/09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- 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) = 0.378 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.434 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.988 W/kg
SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.174 W/kg
Maximum value of SAR (measured) = 0.488 W/kg



0 dB = 0.488 W/kg = -3.12 dBW/kg

Date: 2021/01/04

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 7 20M QPSK 1RB0 21100CH Back side 15mm Ant5

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050086821

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2535.5 MHz;Duty Cycle: 1:1

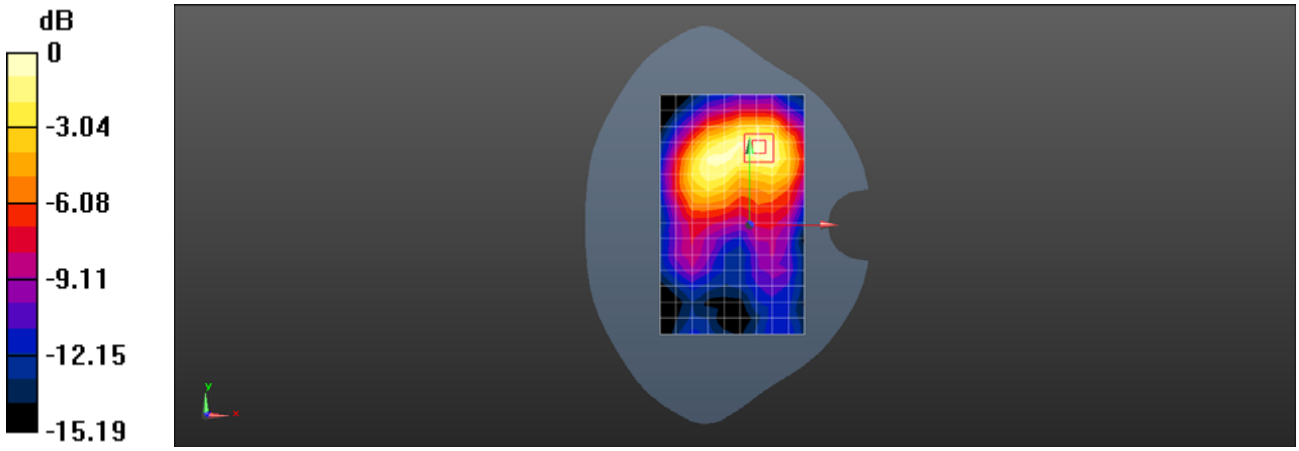
Medium: HSL2600;Medium parameters used: f = 2535.5 MHz; σ = 1.95 S/m; ε_r = 39.18; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.88, 6.88, 6.88); Calibrated: 2020/05/09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.416 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.043 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.644 W/kg
SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.207 W/kg
Maximum value of SAR (measured) = 0.408 W/kg



0 dB = 0.408 W/kg = -3.89 dBW/kg

Date: 2021/01/04

Test Laboratory: SGS-SAR Lab

M2101K9G ENDC LTE Band 7 20M QPSK 50RB25 20850CH Back side 10mm Ant5

DUT: M2101K9G; Type: Mobile Phone; Serial: 864376026015007

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

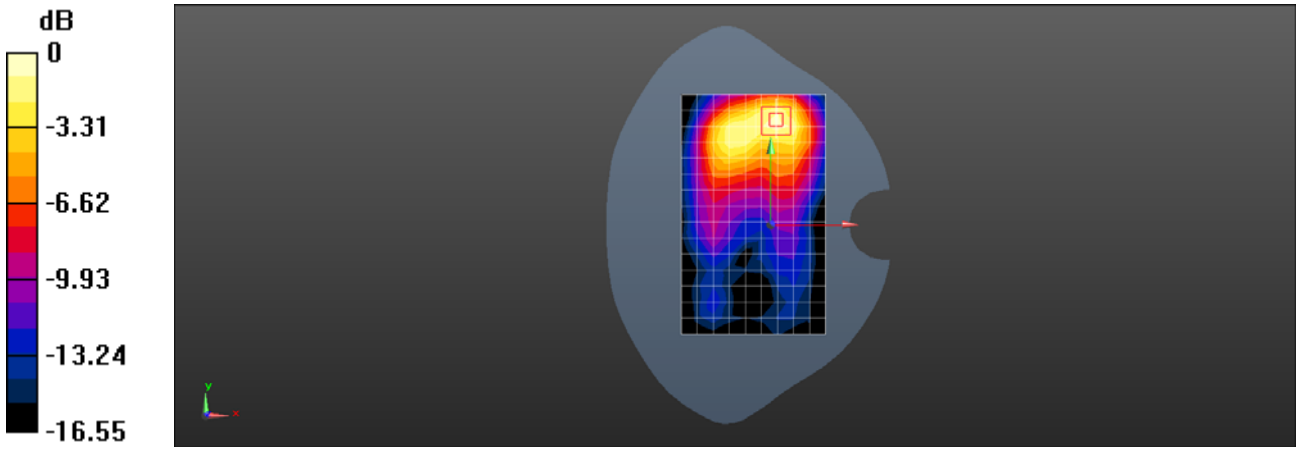
Medium: HSL2600;Medium parameters used: f = 2510 MHz; σ = 1.926 S/m; ε_r = 39.266; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.88, 6.88, 6.88); Calibrated: 2020/05/09;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2020/06/12
- Phantom: SAM 10; Type: SAM; Serial: 1563
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.208 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.195 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.394 W/kg
SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.106 W/kg
Maximum value of SAR (measured) = 0.231 W/kg



0 dB = 0.231 W/kg = -6.36 dBW/kg

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 12 10M QPSK 1RB49 23130CH Right cheek Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

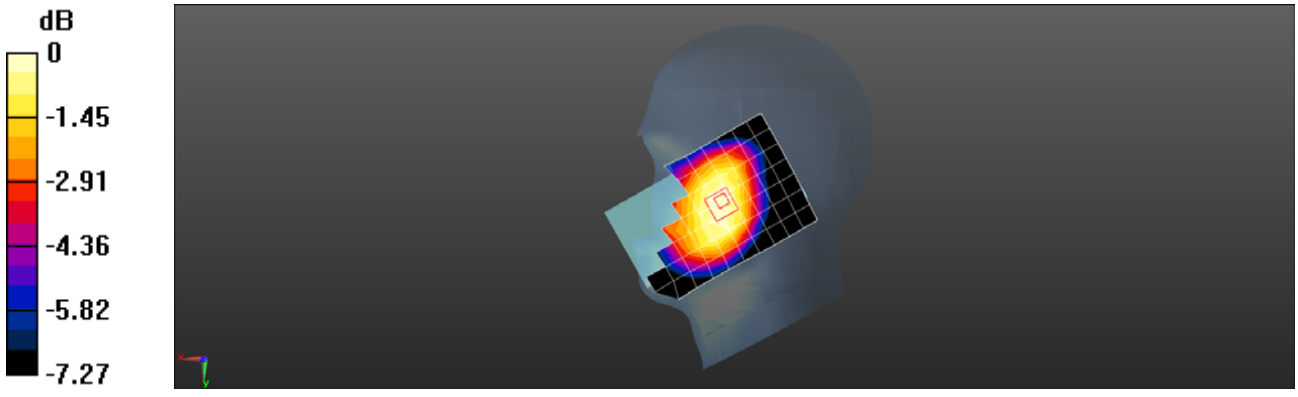
Medium: HSL750;Medium parameters used: f = 711 MHz; σ = 0.867 S/m; ε_r = 41.326; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.137 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.468 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.153 W/kg
SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.103 W/kg
Maximum value of SAR (measured) = 0.137 W/kg



0 dB = 0.137 W/kg = -8.63 dBW/kg

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 12 10M QPSK 1RB49 23130CH Back side 15mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

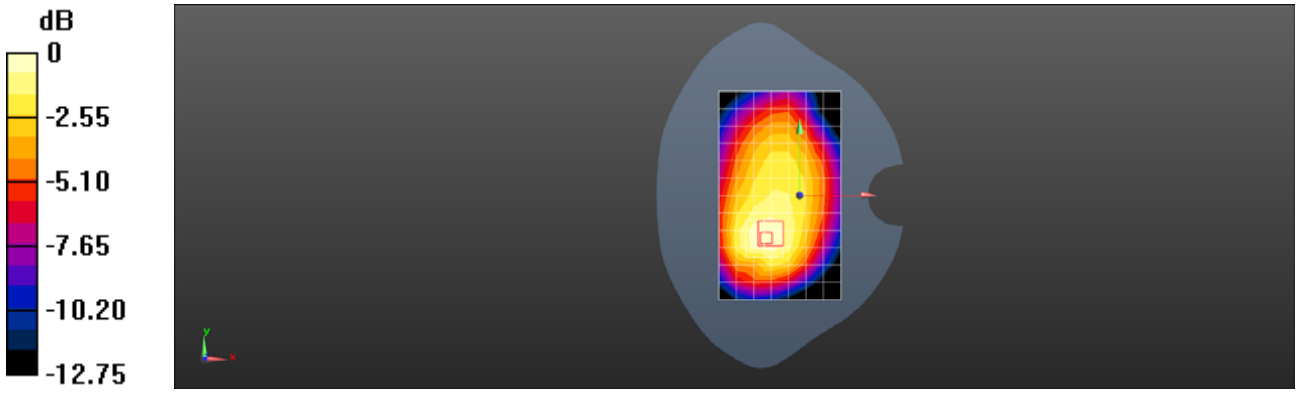
Medium: HSL750;Medium parameters used: f = 711 MHz; σ = 0.867 S/m; ε_r = 41.326; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.215 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.07 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.280 W/kg
SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.144 W/kg
Maximum value of SAR (measured) = 0.226 W/kg



0 dB = 0.226 W/kg = -6.46 dBW/kg

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 12 10M QPSK 1RB49 23130CH Back side 10mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

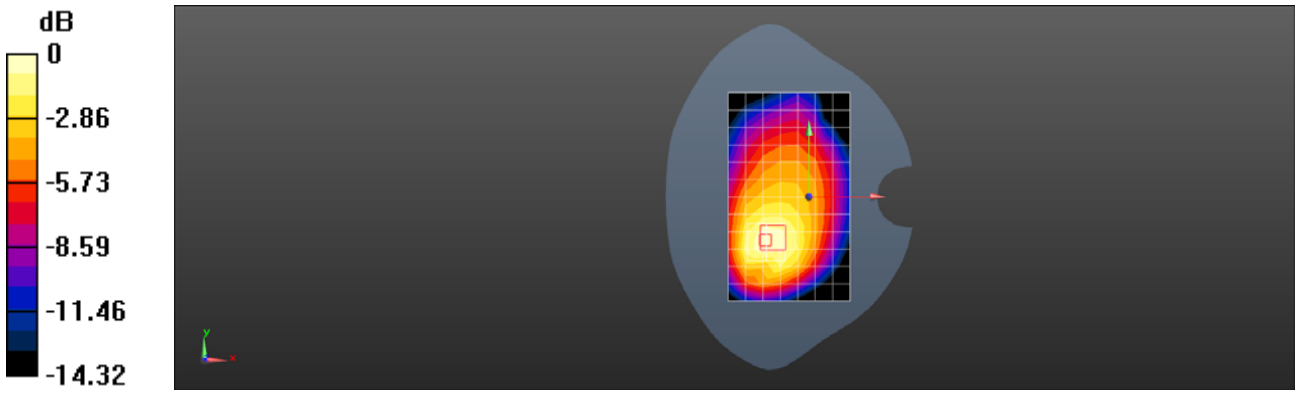
Medium: HSL750;Medium parameters used: f = 711 MHz; σ = 0.867 S/m; ε_r = 41.326; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.430 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.69 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.638 W/kg
SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.269 W/kg
Maximum value of SAR (measured) = 0.468 W/kg



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

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 12 10M QPSK 25RB25 23060CH Right cheek Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 704 MHz;Duty Cycle: 1:1

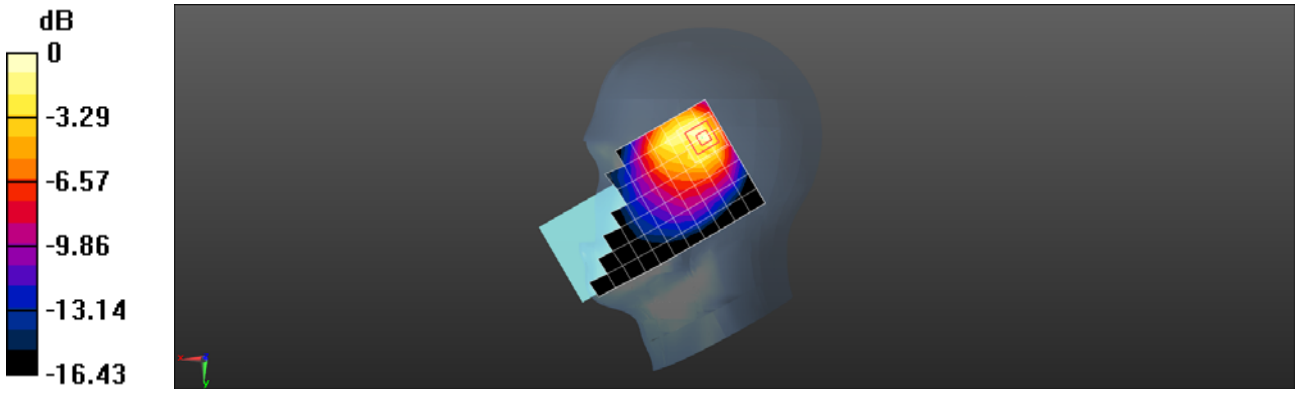
Medium: HSL750;Medium parameters used: f = 704 MHz; σ = 0.86 S/m; ε_r = 41.407; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.783 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.85 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.311 W/kg
Maximum value of SAR (measured) = 0.859 W/kg



0 dB = 0.859 W/kg = -0.66 dBW/kg

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 12 10M QPSK 25RB13 23130CH Back side 15mm Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

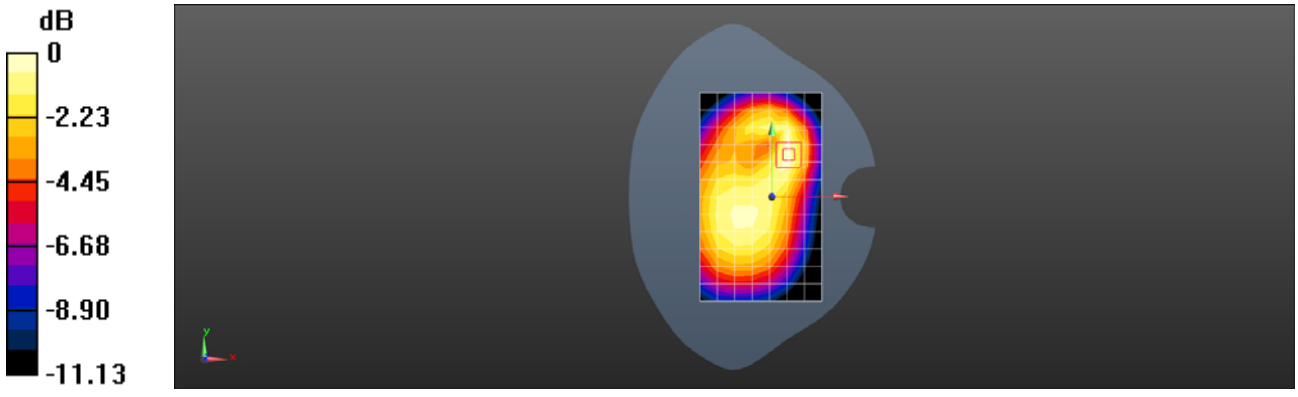
Medium: HSL750;Medium parameters used: f = 711 MHz; σ = 0.867 S/m; ε_r = 41.326; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): 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 = 16.46 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.370 W/kg
SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.162 W/kg
Maximum value of SAR (measured) = 0.311 W/kg



0 dB = 0.311 W/kg = -5.07 dBW/kg

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 12 10M QPSK 25RB25 23060CH Left side 10mm Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 704 MHz;Duty Cycle: 1:1

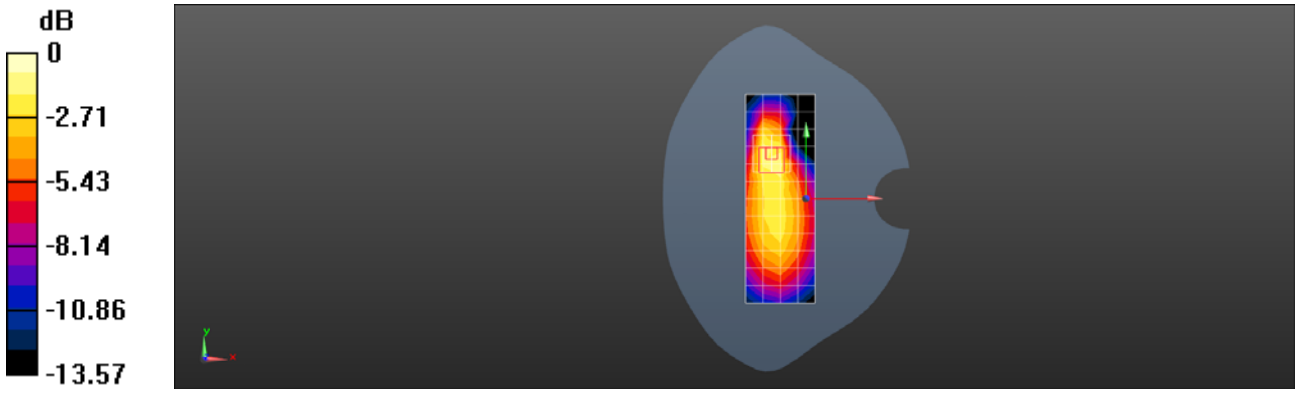
Medium: HSL750;Medium parameters used: f = 704 MHz; σ = 0.86 S/m; ε_r = 41.407; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.284 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.80 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.476 W/kg
SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.169 W/kg
Maximum value of SAR (measured) = 0.375 W/kg



0 dB = 0.375 W/kg = -4.26 dBW/kg

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 13 10M QPSK 1RB49 23230CH Right cheek Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

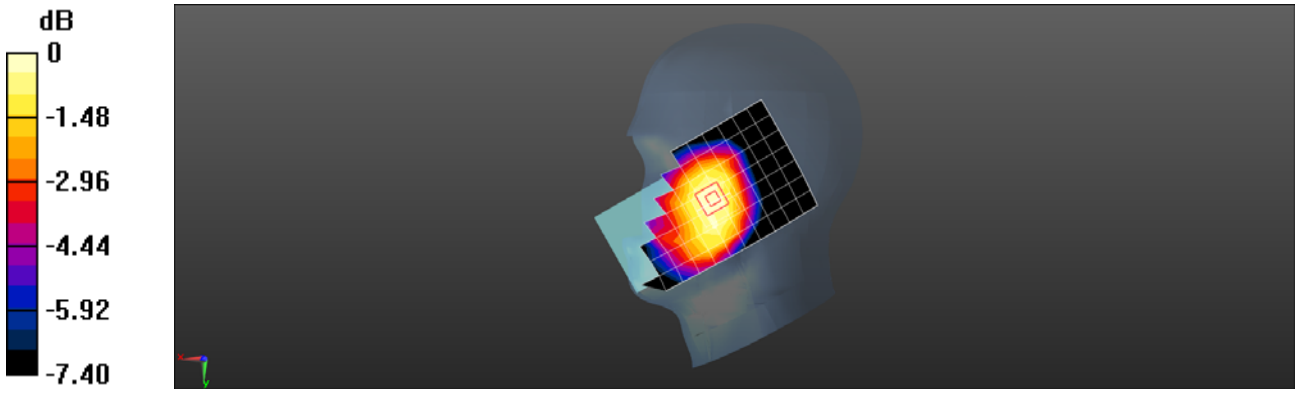
Medium: HSL750;Medium parameters used: f = 782 MHz; σ = 0.874 S/m; ε_r = 40.287; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.209 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.601 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.162 W/kg
Maximum value of SAR (measured) = 0.217 W/kg



0 dB = 0.217 W/kg = -6.64 dBW/kg

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 13 10M QPSK 1RB49 23230CH Back side 15mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

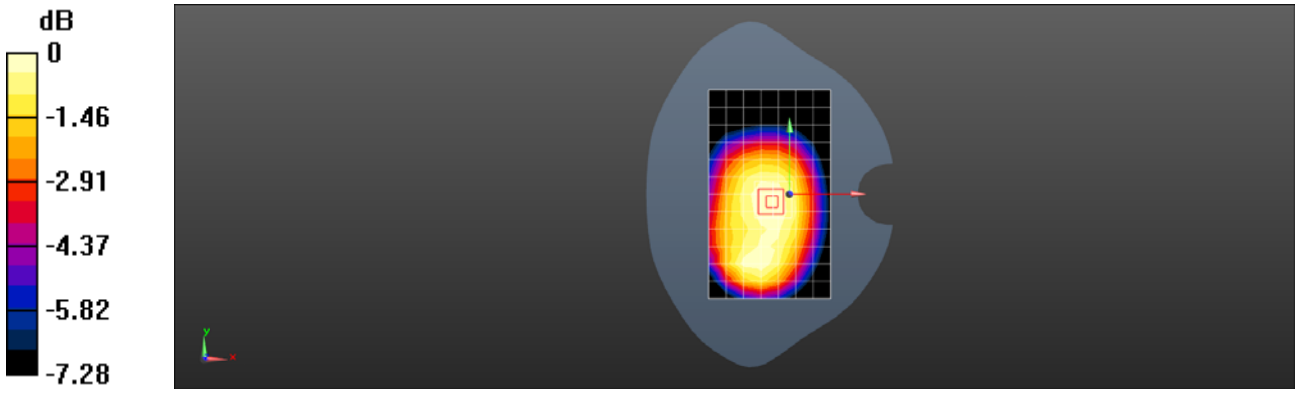
Medium: HSL750;Medium parameters used: f = 782 MHz; σ = 0.874 S/m; ε_r = 40.287; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.294 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.97 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.337 W/kg
SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.212 W/kg
Maximum value of SAR (measured) = 0.297 W/kg



0 dB = 0.297 W/kg = -5.27 dBW/kg

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 13 10M QPSK 1RB49 23230CH Back side 10mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

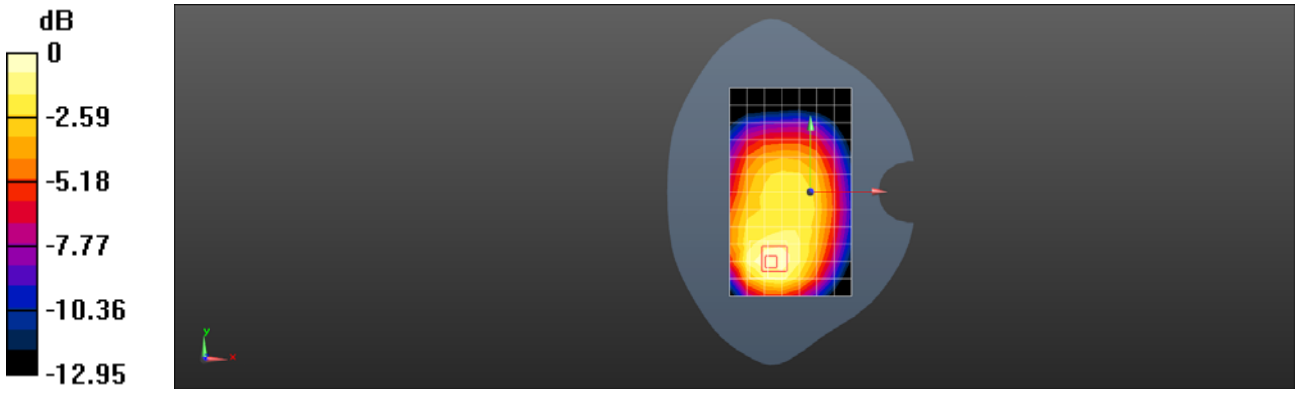
Medium: HSL750;Medium parameters used: f = 782 MHz; σ = 0.874 S/m; ε_r = 40.287; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.476 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.48 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.618 W/kg
SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.283 W/kg
Maximum value of SAR (measured) = 0.474 W/kg



0 dB = 0.474 W/kg = -3.24 dBW/kg

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 13 10M QPSK 1RB25 23230CH Right cheek Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

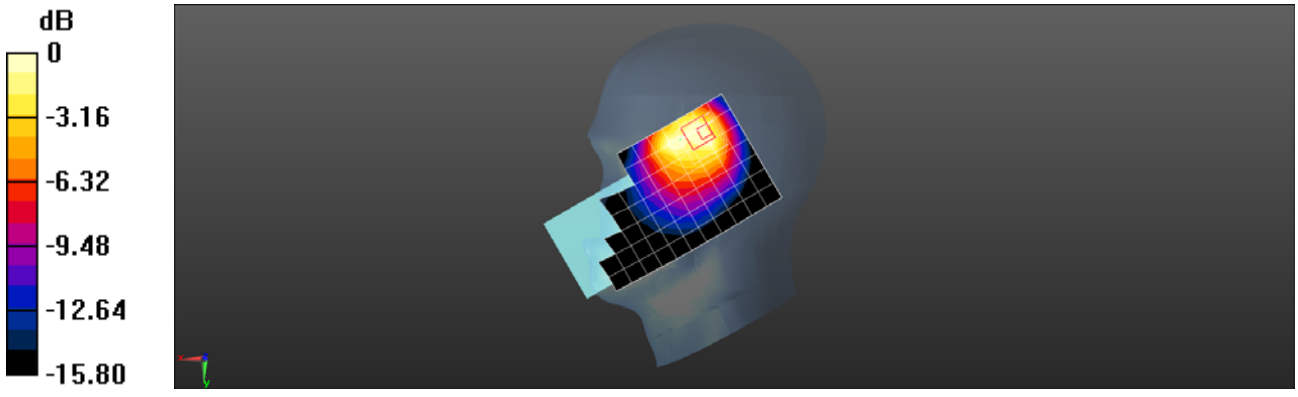
Medium: HSL750;Medium parameters used: f = 782 MHz; σ = 0.874 S/m; ε_r = 40.287; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.737 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.09 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.301 W/kg
Maximum value of SAR (measured) = 0.731 W/kg



0 dB = 0.731 W/kg = -1.18 dBW/kg

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 13 10M QPSK 25RB13 23230CH Back side 15mm Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

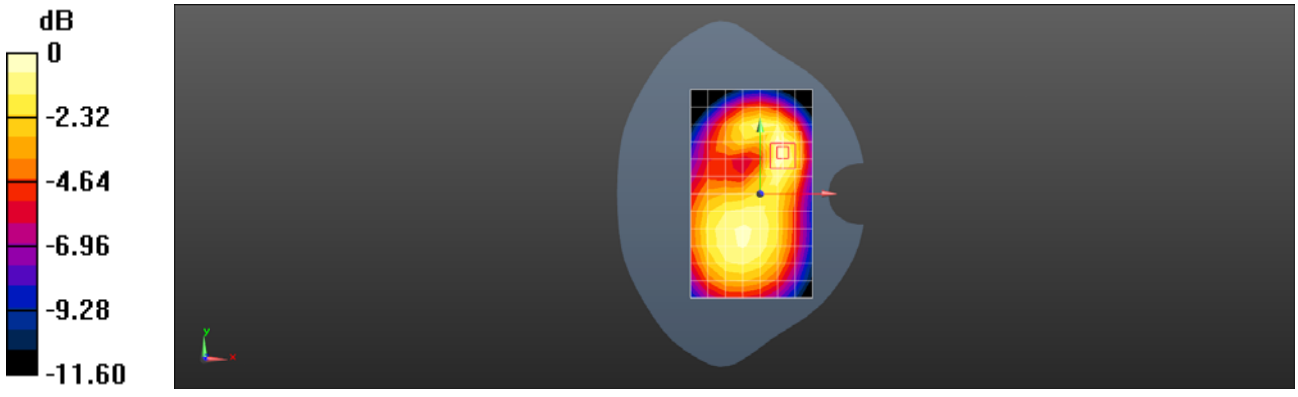
Medium: HSL750;Medium parameters used: f = 782 MHz; σ = 0.874 S/m; ε_r = 40.287; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.124 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.481 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.172 W/kg
SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.071 W/kg
Maximum value of SAR (measured) = 0.132 W/kg



0 dB = 0.132 W/kg = -8.79 dBW/kg

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 13 10M QPSK 25RB13 23230CH Back side 10mm Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

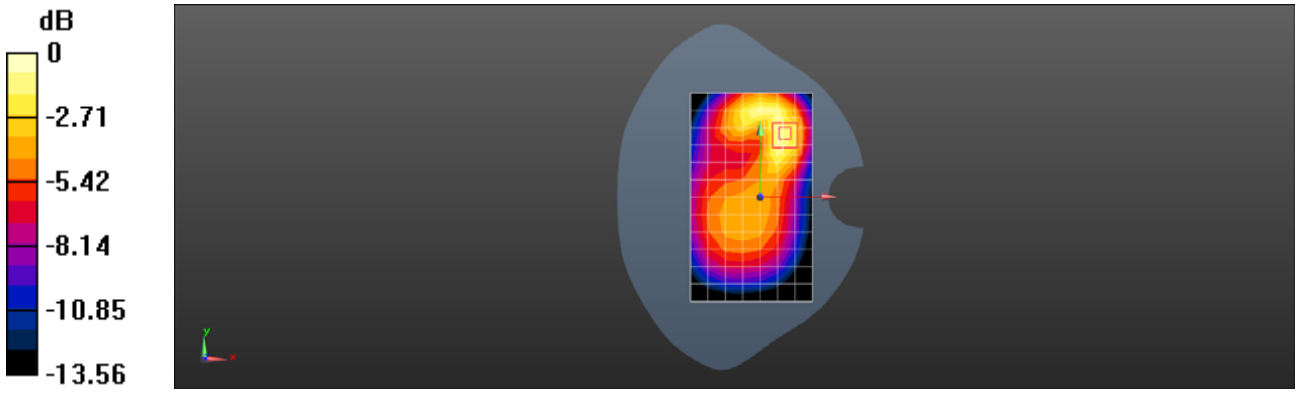
Medium: HSL750;Medium parameters used: f = 782 MHz; σ = 0.874 S/m; ε_r = 40.287; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.199 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.856 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.108 W/kg
Maximum value of SAR (measured) = 0.233 W/kg



0 dB = 0.233 W/kg = -6.33 dBW/kg

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 17 10M QPSK 1RB49 23800CH Left cheek Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

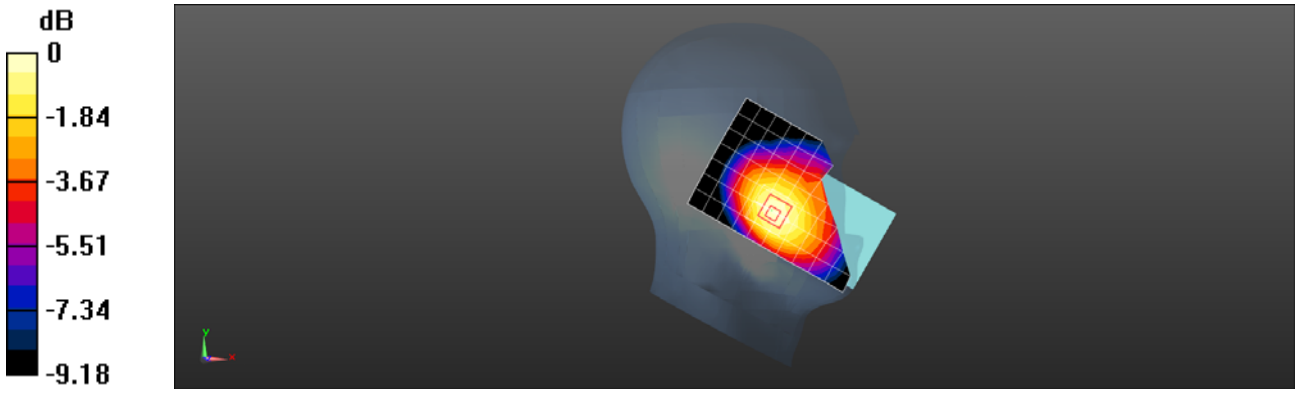
Medium: HSL750;Medium parameters used: f = 711 MHz; σ = 0.867 S/m; ε_r = 41.326; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.112 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.209 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.130 W/kg
SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.081 W/kg
Maximum value of SAR (measured) = 0.112 W/kg



0 dB = 0.112 W/kg = -9.51 dBW/kg

Date: 2021-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 17 10M QPSK 1RB49 23800CH Back side 15mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

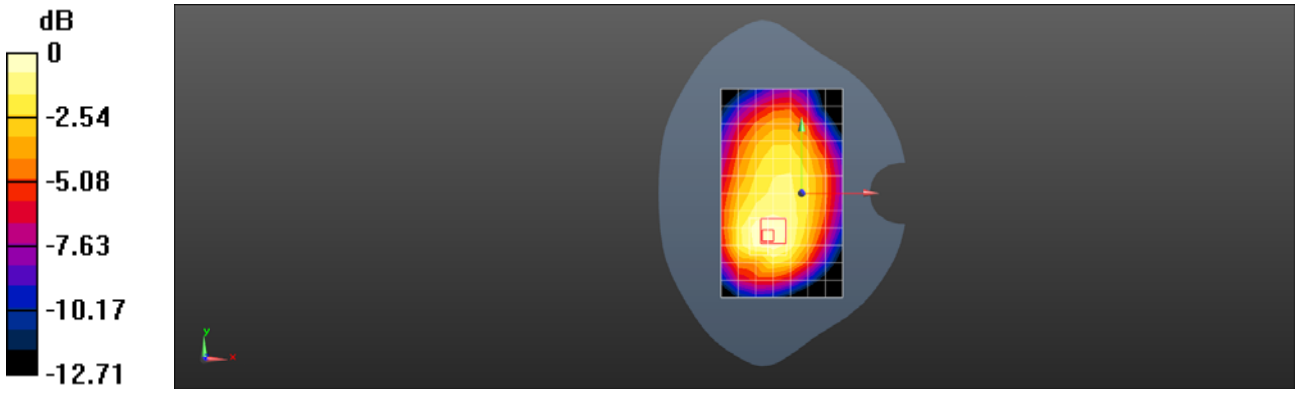
Medium: HSL750;Medium parameters used: f = 711 MHz; σ = 0.867 S/m; ε_r = 41.326; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.207 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.16 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.268 W/kg
SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.140 W/kg
Maximum value of SAR (measured) = 0.217 W/kg



0 dB = 0.217 W/kg = -6.64 dBW/kg

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 17 10M QPSK 1RB49 23800CH Back side 10mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

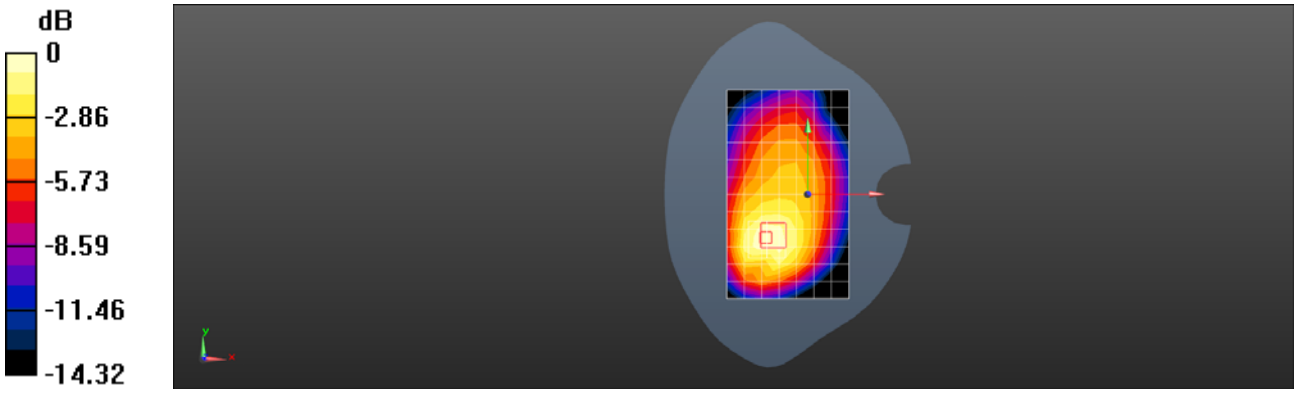
Medium: HSL750;Medium parameters used: f = 711 MHz; σ = 0.867 S/m; ε_r = 41.326; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.323 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.84 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.486 W/kg
SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.207 W/kg
Maximum value of SAR (measured) = 0.357 W/kg



0 dB = 0.357 W/kg = -4.47 dBW/kg

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 17 10M QPSK 25RB25 23800CH Right cheek Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

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

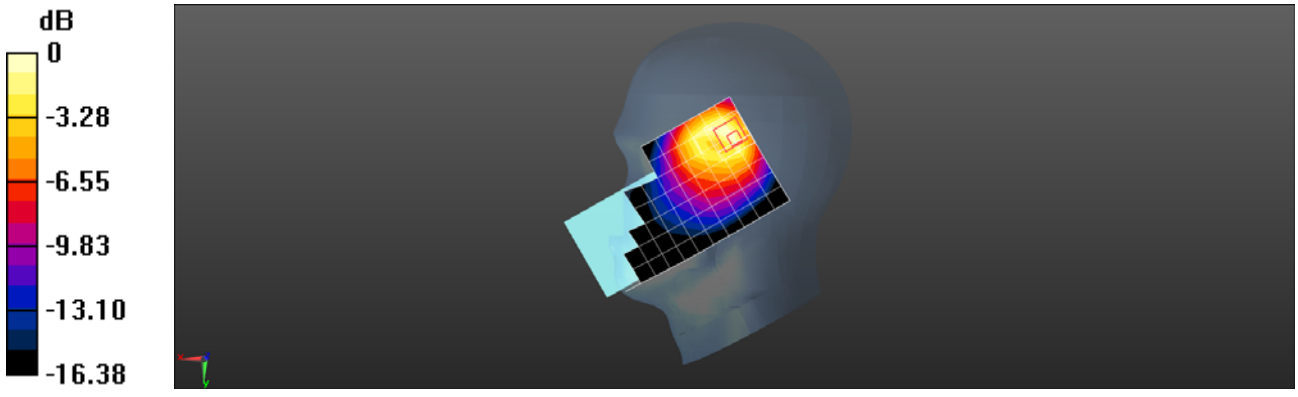
Medium: HSL750;Medium parameters used: f = 711 MHz; σ = 0.867 S/m; ε_r = 41.326; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.974 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.85 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.366 W/kg
Maximum value of SAR (measured) = 0.974 W/kg



0 dB = 0.974 W/kg = -0.11 dBW/kg

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 17 10M QPSK 1RB49 23790CH Back side 15mm Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050077747

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 710 MHz;Duty Cycle: 1:1

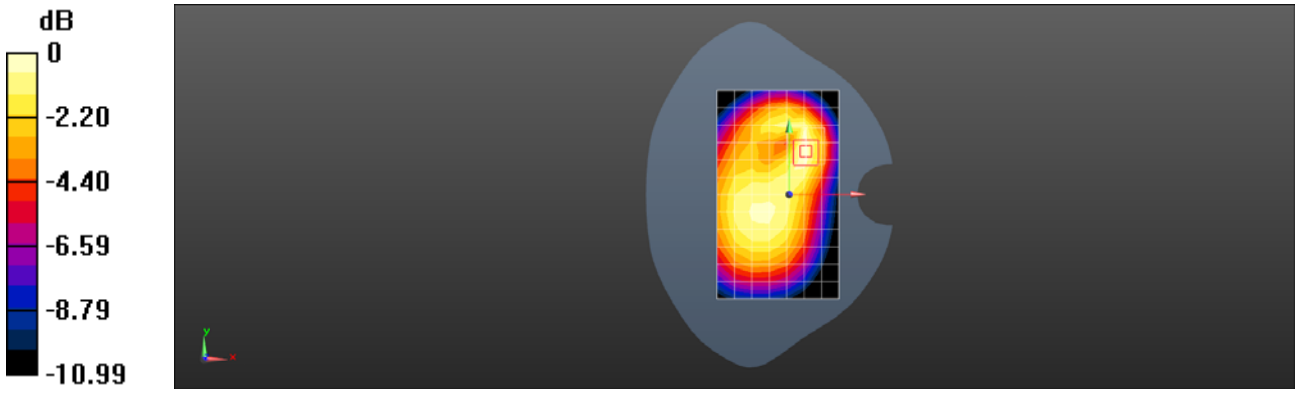
Medium: HSL750;Medium parameters used: f = 710 MHz; σ = 0.868 S/m; ε_r = 41.359; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.344 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.46 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.410 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.178 W/kg
Maximum value of SAR (measured) = 0.345 W/kg



0 dB = 0.345 W/kg = -4.62 dBW/kg

Date: 2020-12-21

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 17 10M QPSK 25RB25 23800CH Left side 10mm Ant4

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050088108

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

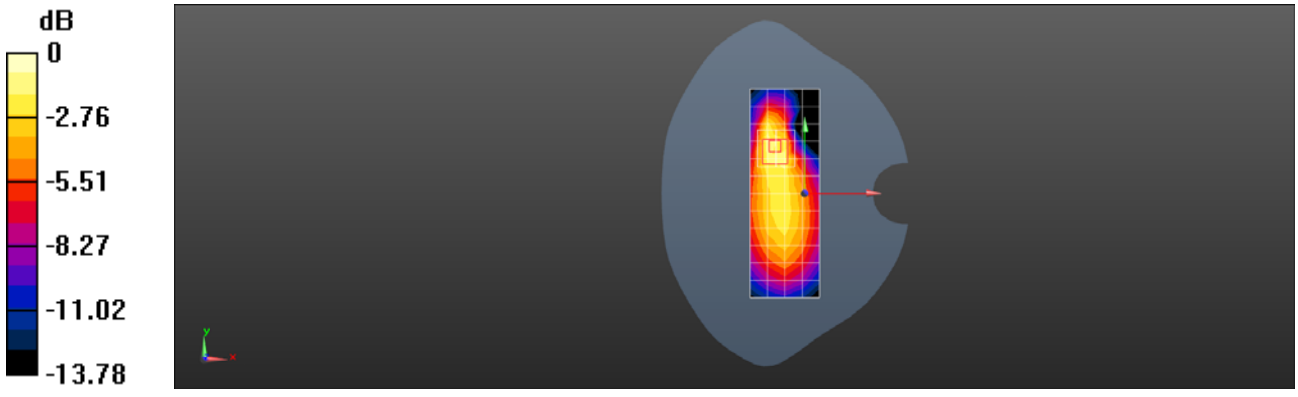
Medium: HSL750;Medium parameters used: f = 711 MHz; σ = 0.867 S/m; ε_r = 41.326; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(9.15, 9.15, 9.15); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.353 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.26 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.590 W/kg
SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.204 W/kg
Maximum value of SAR (measured) = 0.462 W/kg



0 dB = 0.462 W/kg = -3.35 dBW/kg

Date: 2020-12-28

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 38 20M QPSK 1RB0 38150CH Right cheek Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz;Duty Cycle: 1:1.58

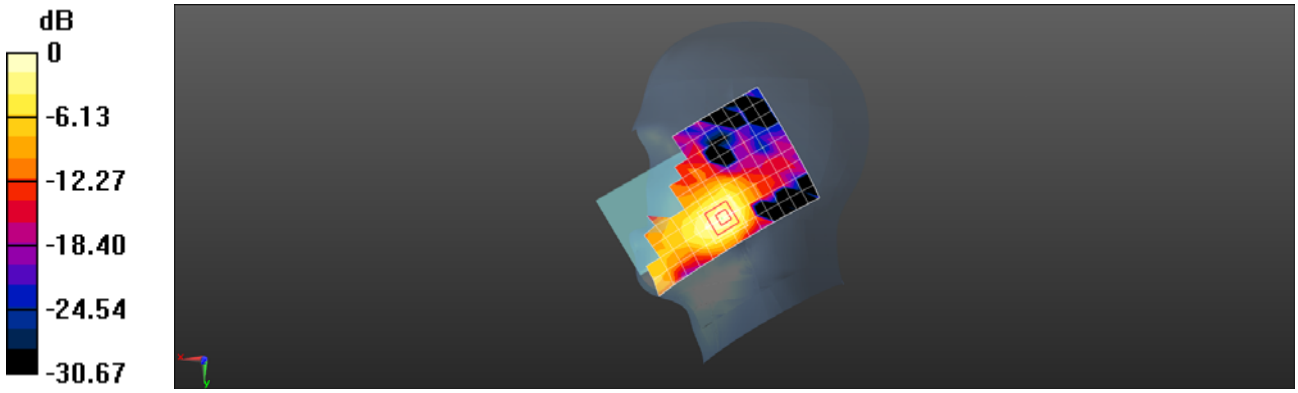
Medium: HSL2600;Medium parameters used: f = 2610 MHz; σ = 2.014 S/m; ε_r = 38.578; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.229 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.9970 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.089 W/kg
Maximum value of SAR (measured) = 0.234 W/kg



0 dB = 0.234 W/kg = -6.31 dBW/kg

Date: 2020-12-28

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 38 20M QPSK 1RB0 38150CH Front side 15mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz;Duty Cycle: 1:1.58

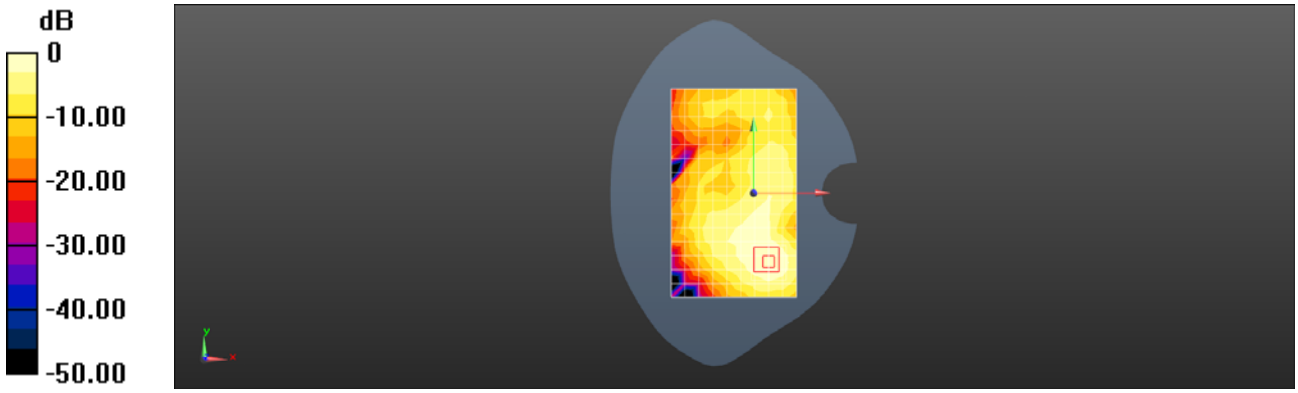
Medium: HSL2600;Medium parameters used: f = 2610 MHz; σ = 2.014 S/m; ε_r = 38.578; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.184 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.841 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.072 W/kg
Maximum value of SAR (measured) = 0.195 W/kg



0 dB = 0.195 W/kg = -7.10 dBW/kg

Date: 2020-12-28

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 38 20M QPSK 1RB0 38150CH Front side 10mm Ant1

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz;Duty Cycle: 1:1.58

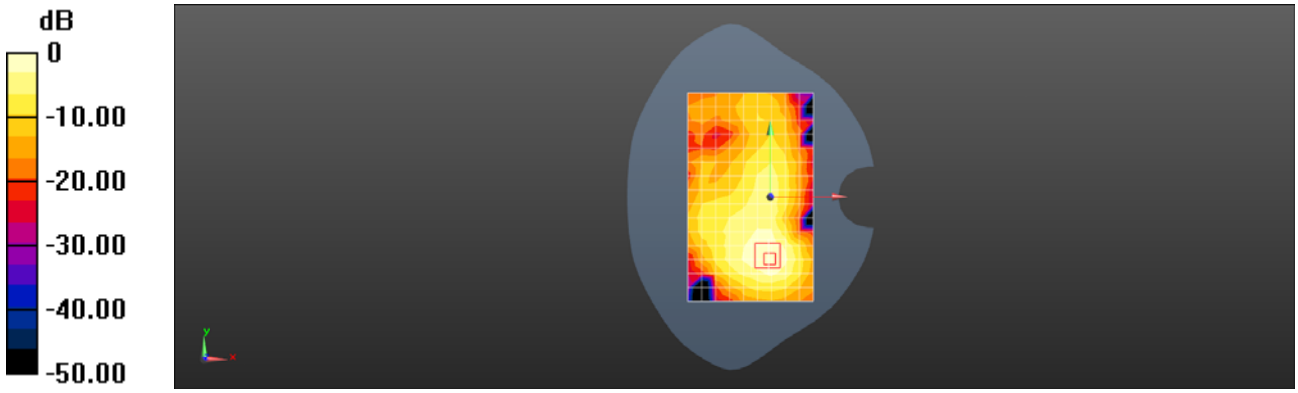
Medium: HSL2600;Medium parameters used: f = 2610 MHz; σ = 2.014 S/m; ε_r = 38.578; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.426 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.986 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.534 W/kg
SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.159 W/kg
Maximum value of SAR (measured) = 0.417 W/kg



0 dB = 0.417 W/kg = -3.80 dBW/kg

Date: 2020-12-28

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 38 20M QPSK 1RB50 37850CH Left cheek Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2580 MHz;Duty Cycle: 1:1.58

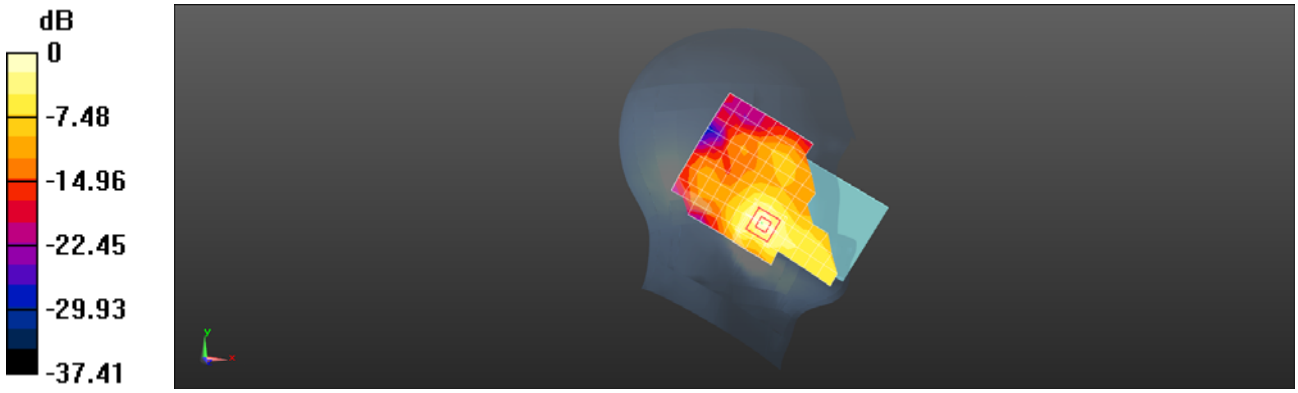
Medium: HSL2600;Medium parameters used: f = 2580 MHz; σ = 1.97 S/m; ε_r = 38.625; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.419 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.738 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.554 W/kg
SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.132 W/kg
Maximum value of SAR (measured) = 0.414 W/kg



0 dB = 0.414 W/kg = -3.83 dBW/kg

Date: 2020-12-28

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 38 20M QPSK 1RB50 37850CH Back side 15mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2580 MHz;Duty Cycle: 1:1.58

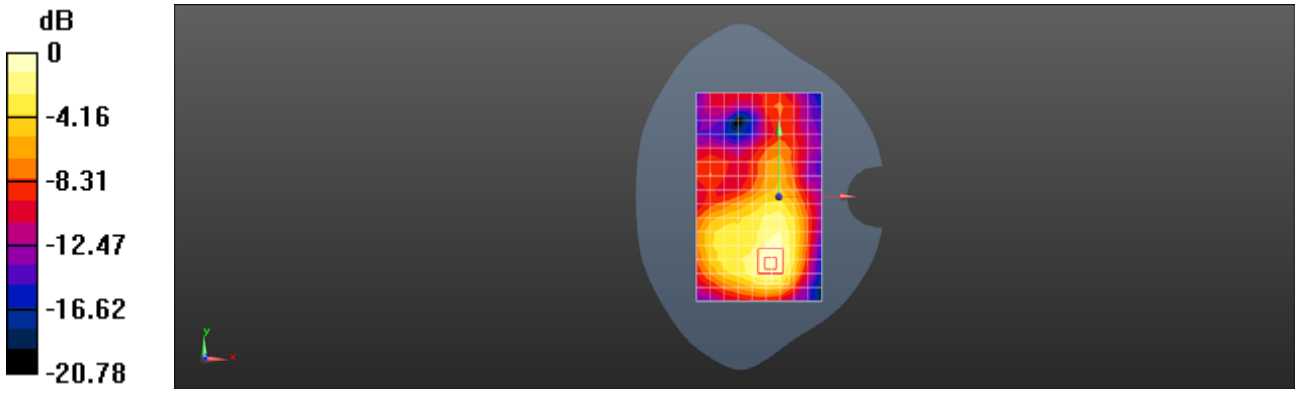
Medium: HSL2600;Medium parameters used: f = 2580 MHz; σ = 1.97 S/m; ε_r = 38.625; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.457 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.551 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.636 W/kg
SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.186 W/kg
Maximum value of SAR (measured) = 0.484 W/kg



0 dB = 0.484 W/kg = -3.15 dBW/kg

Date: 2020-12-28

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 38 20M QPSK 50RB50 37850CH Back side 10mm Ant2

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2580 MHz;Duty Cycle: 1:1.58

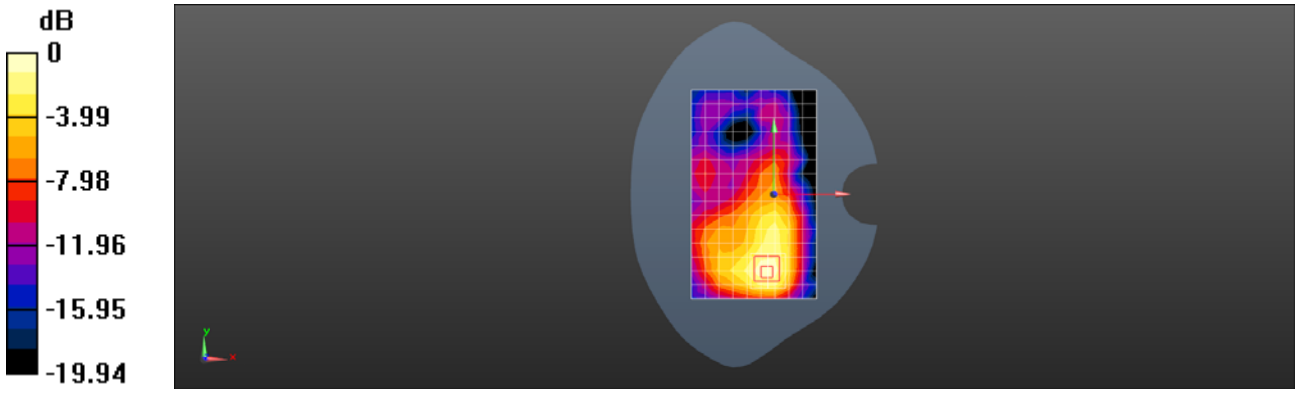
Medium: HSL2600;Medium parameters used: f = 2580 MHz; σ = 1.97 S/m; ε_r = 38.625; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.486 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.989 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.692 W/kg
SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.189 W/kg
Maximum value of SAR (measured) = 0.523 W/kg



0 dB = 0.523 W/kg = -2.81 dBW/kg

Date: 2020-12-28

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 38 20M QPSK 50RB25 38150CH Left cheek Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz;Duty Cycle: 1:1.58

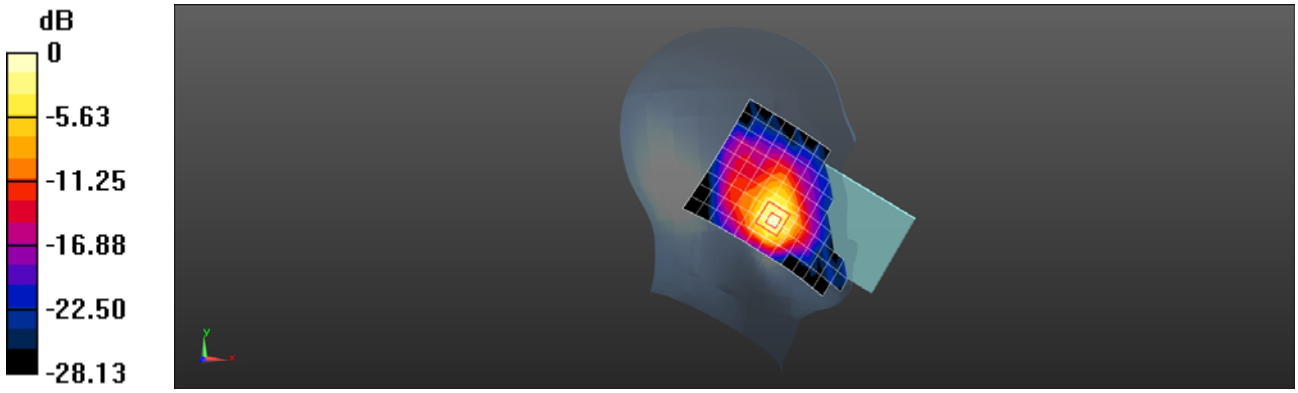
Medium: HSL2600;Medium parameters used: f = 2610 MHz; σ = 2.014 S/m; ε_r = 38.578; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.13 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.971 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.349 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

Date: 2020-12-28

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 38 20M QPSK 50RB25 37850CH Back side 15mm Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2580 MHz;Duty Cycle: 1:1.58

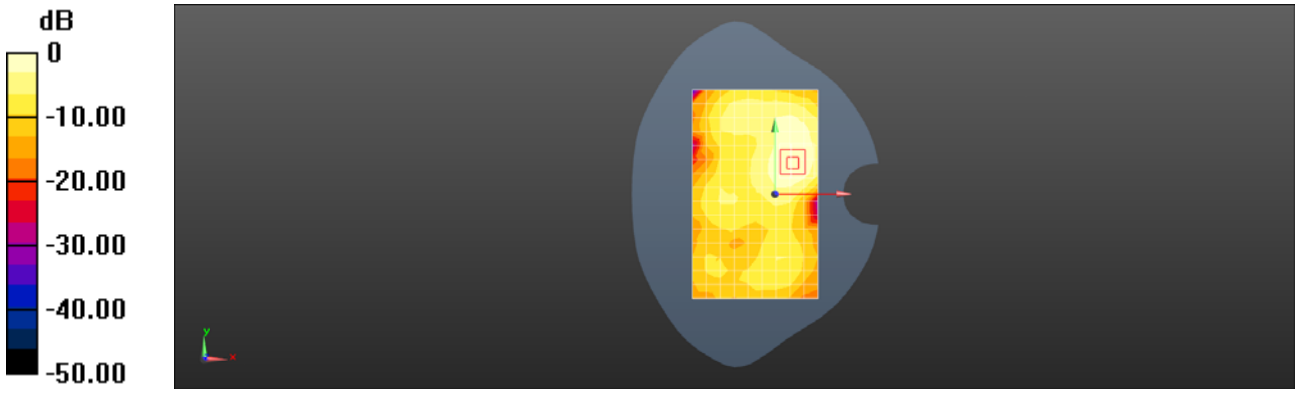
Medium: HSL2600;Medium parameters used: f = 2580 MHz; σ = 1.978 S/m; ε_r = 38.682; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.233 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.154 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.090 W/kg
Maximum value of SAR (measured) = 0.233 W/kg



0 dB = 0.233 W/kg = -6.33 dBW/kg

Date: 2020-12-28

Test Laboratory: SGS-SAR Lab

M2101K9G LTE Band 38 20M QPSK 50RB25 38150CH Left side 10mm Ant3

DUT: M2101K9G; Type: Mobile Phone; Serial: 861775050087381

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz;Duty Cycle: 1:1.58

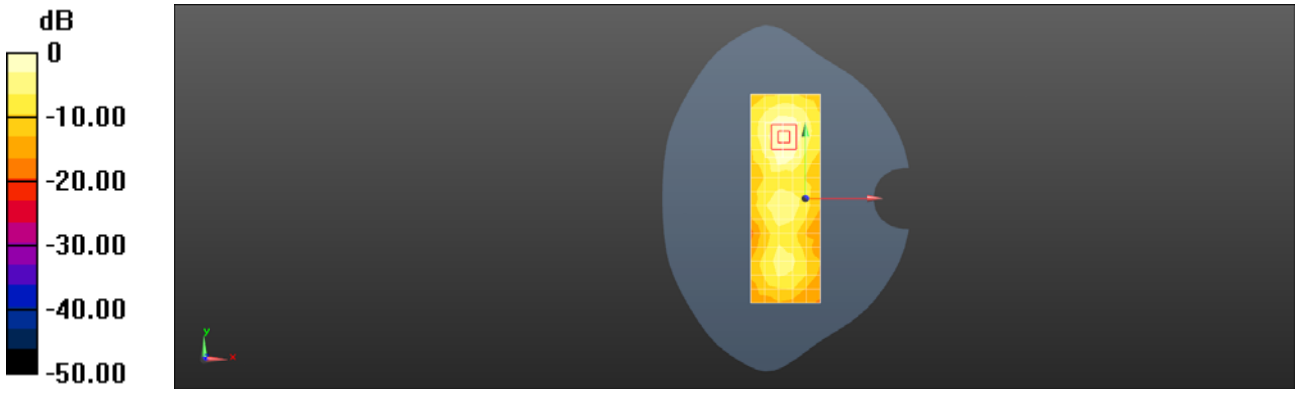
Medium: HSL2600;Medium parameters used: f = 2610 MHz; σ = 2.014 S/m; ε_r = 38.578; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-07-29
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 4.7.80(0); SEMCAD X 14.6.13(7474)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.260 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.501 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.378 W/kg
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.097 W/kg
Maximum value of SAR (measured) = 0.280 W/kg



0 dB = 0.280 W/kg = -5.53 dBW/kg