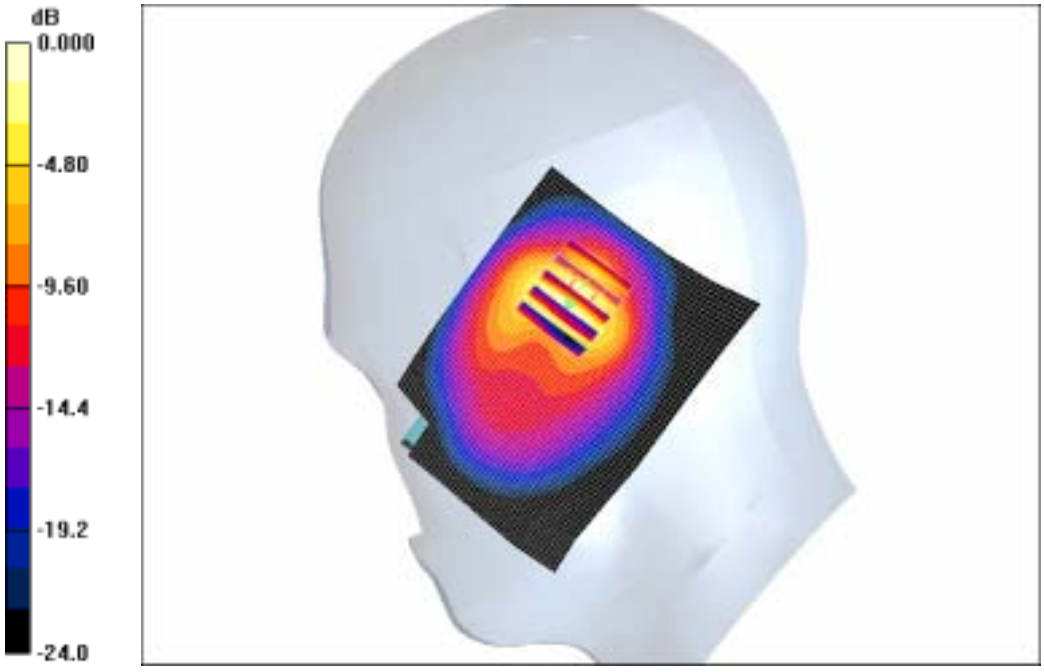
SAMSUNG FCC ID : A3LSGHP310 1900MHz GSM1900 Head SAR
DUT: SGH-P310; Serial: FD-133-J
Program Name: SGH-P310 GSM1900 Right (Job No. : FD-133)
Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard with BT ON
Procedure Notes: Meas.Tissue Temp(celsius)-22.1, Ambient Temp-22.6;Test Date-28/Aug/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.37 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard with BT ON/Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.809 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard with BT ON/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.14 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.938 mW/g
Maximum value of SAR (measured) = 1.10 mW/g

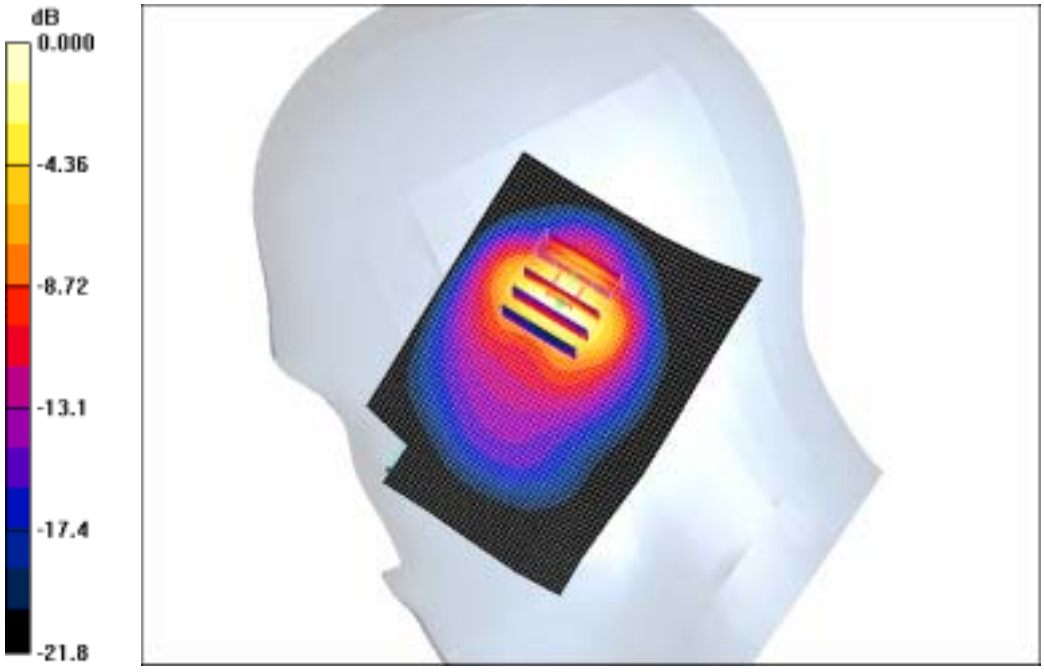


0 dB = 1.10mW/g

SAMSUNG FCC ID : A3LSGHP310 1900MHz GSM1900 Head SAR
DUT: SGH-P310; Serial: FD-133-J
Program Name: SGH-P310 GSM1900 Right (Job No. : FD-133)
Procedure Name: Ear/Tilt, Ch.512, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-22.1, Ambient Temp-22.6;Test Date-28/Aug/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.37 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.02 mW/g

Ear/Tilt, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.3 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.915 mW/g
Maximum value of SAR (measured) = 0.916 mW/g

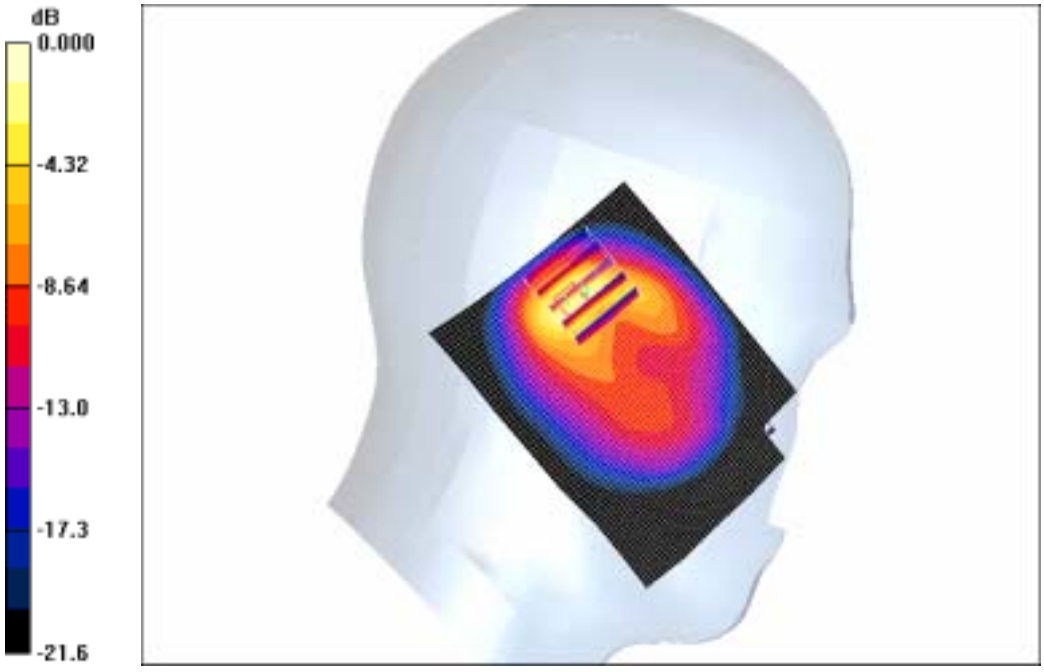


0 dB = 0.916mW/g

SAMSUNG FCC ID : A3LSGHP310 1900MHz GSM1900 Head SAR
DUT: SGH-P310; Serial: FD-133-J
Program Name: SGH-P310 GSM1900 Left (Job No. : FD-133)
Procedure Name: Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-22.1, Ambient Temp-22.6;Test Date-28/Aug/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.37 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.551 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.34 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.643 mW/g
Maximum value of SAR (measured) = 0.770 mW/g



0 dB = 0.770mW/g

SAMSUNG FCC ID : A3LSGHP310 1900MHz GSM1900 Head SAR
DUT: SGH-P310; Serial: FD-133-J
Program Name: SGH-P310 GSM1900 Left (Job No. : FD-133)
Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-22.1, Ambient Temp-22.6;Test Date-28/Aug/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.37 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.813 mW/g

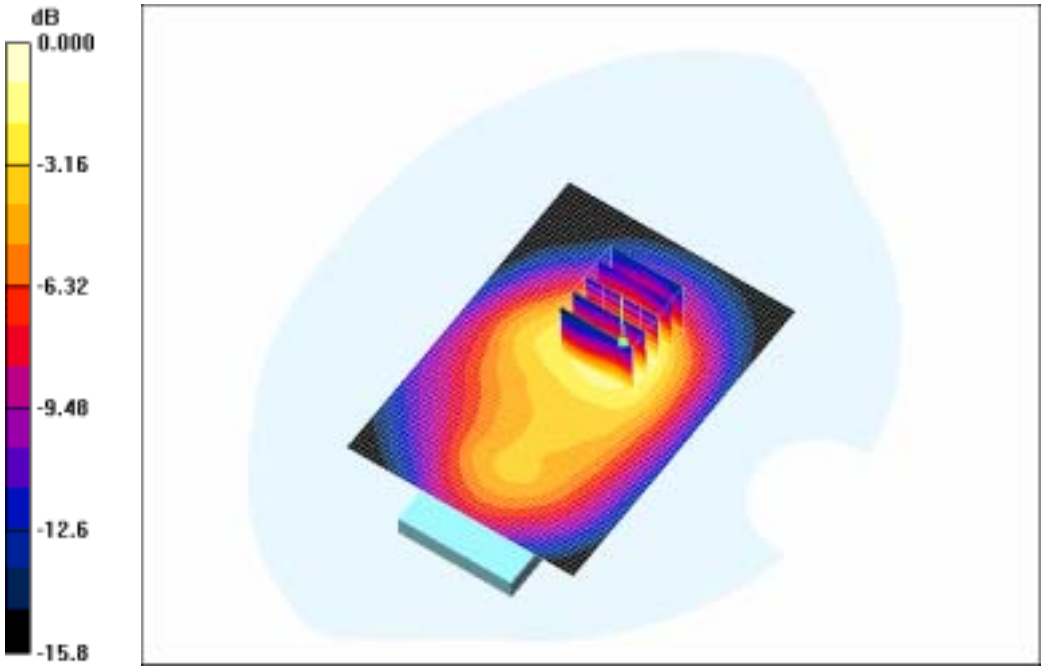
Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.61 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.709 mW/g
Maximum value of SAR (measured) = 0.784 mW/g

0 dB = 0.784mW/g

SAMSUNG FCC ID : A3LSGHP310 1900MHz GPRS1900 Body SAR
DUT: SGH-P310; Serial: FD-133-J
Program Name: SGH-P310 GPRS1900 Body (Job No. : FD-133)
Procedure Name: Body, Ch.810, Ant.Intenna, Bat.Standard With BT ON
Procedure Notes: Meas.Tissue Temp(celsius)-21.7, Ambient Temp-22.4;Test Date-28/Aug/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM1900 GPRS; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1909.8 MHz; σ = 1.51 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(4.5, 4.5, 4.5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch.810, Ant.Intenna, Bat.Standard With BT ON/Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.157 mW/g

Body, Ch.810, Ant.Intenna, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.32 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 0.196 W/kg
SAR(1 g) = 0.134 mW/g
Maximum value of SAR (measured) = 0.148 mW/g



0 dB = 0.148mW/g

SAMSUNG FCC ID : A3LSGHP310 1900MHz GSM1900 Head SAR
DUT: SGH-P310; Serial: FD-133-J
Program Name: SGH-P310 GSM1900 Right (Job No. : FD-133)
Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard with BT ON
Procedure Notes: Meas.Tissue Temp(celsius)-22.1, Ambient Temp-22.6;Test Date-28/Aug/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.37 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard with BT ON/Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.809 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard with BT ON/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.14 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.938 mW/g
Maximum value of SAR (measured) = 1.10 mW/g

SAMSUNG FCC ID : A3LSGHP310 1900MHz GPRS1900 Body SAR
DUT: SGH-P310; Serial: FD-133-J
Program Name: SGH-P310 GPRS1900 Body (Job No. : FD-133)
Procedure Name: Body, Ch.810, Ant.Intenna, Bat.Standard With BT ON
Procedure Notes: Meas.Tissue Temp(celsius)-21.7, Ambient Temp-22.4;Test Date-28/Aug/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM1900 GPRS; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1909.8 MHz; σ = 1.51 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(4.5, 4.5, 4.5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch.810, Ant.Intenna, Bat.Standard With BT ON/Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.157 mW/g

Body, Ch.810, Ant.Intenna, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.32 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 0.196 W/kg
SAR(1 g) = 0.134 mW/g
Maximum value of SAR (measured) = 0.148 mW/g