



Measurement Results(CDMA Body SAR without Holster)

Mixture Type : 835 MHz Muscle

FREQUENCY		Modulation	Begin/End POWER*			Device Test Position	Antenna Position	Device Test Position	SAR (W/kg)
MHz	Ch.		(dBm)		Battery				
824.70	1013	CDMA	25.08	25.02	Standard	1.5 cm [w/o Holster]	Intenna	Front	0.281
836.52	384	CDMA	25.05	24.99	Standard	1.5 cm [w/o Holster]	Intenna	Front	0.221
848.31	777	CDMA	25.15	25.12	Standard	1.5 cm [w/o Holster]	Intenna	Front	0.241
ANSI / IEEE C95.1 1992 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure / General Population						1.6W/kg (mW/g) averaged over 1 gram			

NOTES:

- The test data reported are the worst-case SAR value with the antenna-head position set in a typical configuration. Test procedures used are according to FCC/OET Bulletin 65, Supp.C [July 2001].
 - All modes of operation were investigated, and the worst-case results are reported.
 - Tissue parameters and temperatures are listed on the SAR plot.
 - Liquid tissue depth is 15.2 ± 0.2cm
 - Battery is fully charged for all readings.
- *Power Measured ☒ Conducted
6. Battery Option ☒ Standard ☐ Extended ☐ Slim
7. Phantom Configuration ☐ Left Head ☒ Flat Phantom ☐ Right Head
8. SAR Configuration ☐ Head ☒ Body ☐ Hand
9. Test Signal Call Mode ☐ Manu. Test Codes ☒ Base Station Simulator
10. Body SAR was tested under RC3/SO32.
11. Test Configuration ☐ With Holster ☒ Without Holster

Report Number: FE-169-S1



Measurement Results(PCS Body SAR without Holster)

Mixture Type : 1900 MHz Muscle

FREQUENCY		Modulation	Begin/End POWER*			Device Test Position	Antenna Position	Device Test Position	SAR (W/kg)
MHz	Ch.		(dBm)		Battery				
1851.25	25	CDMA	25.18	25.15	Front	1.5 cm [w/o Holster]	Intenna	Front	0.073
1880.00	600	CDMA	25.13	25.10	Front	1.5 cm [w/o Holster]	Intenna	Front	0.116
1908.75	1175	CDMA	25.27	25.25	Front	1.5 cm [w/o Holster]	Intenna	Front	0.102
ANSI / IEEE C95.1 1992 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure / General Population						1.6W/kg (mW/g) averaged over 1 gram			

NOTES:

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 - All modes of operation were investigated, and the worst-case results are reported.
 - Tissue parameters and temperatures are listed on the SAR plot.
 - Liquid tissue depth is 15.2 ± 0.2cm
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- *Power Measured ☒ Conducted
6. Battery Option ☒ Standard ☐ Extended ☐ Slim
7. Phantom Configuration ☐ Left Head ☒ Flat Phantom ☐ Right Head
8. SAR Configuration ☐ Head ☒ Body ☐ Hand
9. Test Signal Call Mode ☐ Manu. Test Codes ☒ Base Station Simulator
10. Body SAR was tested under RC3/SO32.
11. Test Configuration ☐ With Holster ☒ Without Holster

Report Number: FE-169-S1

SAMSUNG FCC ID : A3LSCHR300 - - CDMA Body SAR

DUT: SCH-R300(Body); Serial: FE-169-E

Program Name: SCH-R300 CDMA Body (Job No. : FE-169)

Procedure Name: Body, Ch. 1013, Ant. Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-22.2 Tissue Temp(celsius)-22.0; Test Date-07/Sep/2007

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.59, 5.59, 5.59); Calibrated: 2007-05-31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn724; Calibrated: 2007-04-12
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1425
- Measurement SW: DASY5, V5.0 Build 87; Postprocessing SW: SEMCAD, V1.8 Build 176

Body, Ch. 1013, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 0.369 W/kg

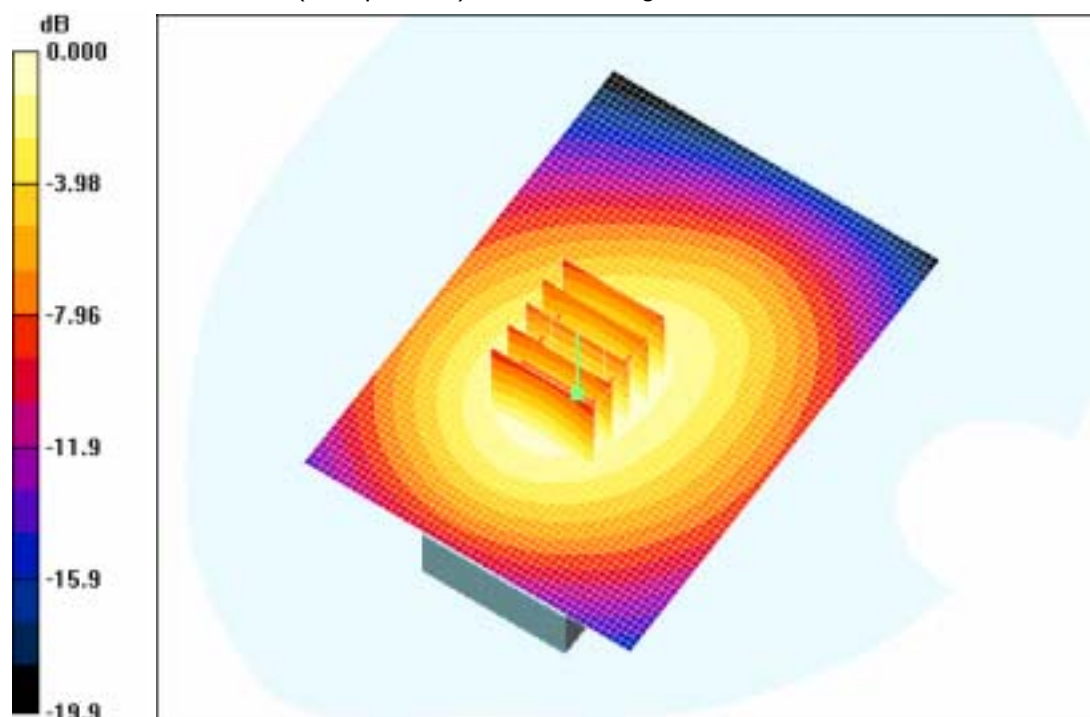
SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (measured) = 0.298 mW/g

Body, Ch. 1013, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.305 mW/g



0 dB = 0.305mW/g

SAMSUNG FCC ID : A3LSCHR300 - - PCS Body SAR

DUT: SCH-R300(Body); Serial: FE-169-E

Program Name: SCH-R300 PCS Body (Job No. : FE-169)

Procedure Name: Body, Ch. 0600, Ant. Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-22.0 Tissue Temp(celsius)-21.9; Test Date-06/Sep/2007

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.82, 4.82, 4.82); Calibrated: 2007-05-31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn724; Calibrated: 2007-04-12
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1425
- Measurement SW: DASY5, V5.0 Build 87; Postprocessing SW: SEMCAD, V1.8 Build 176

Body, Ch. 0600, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.68 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 0.191 W/kg

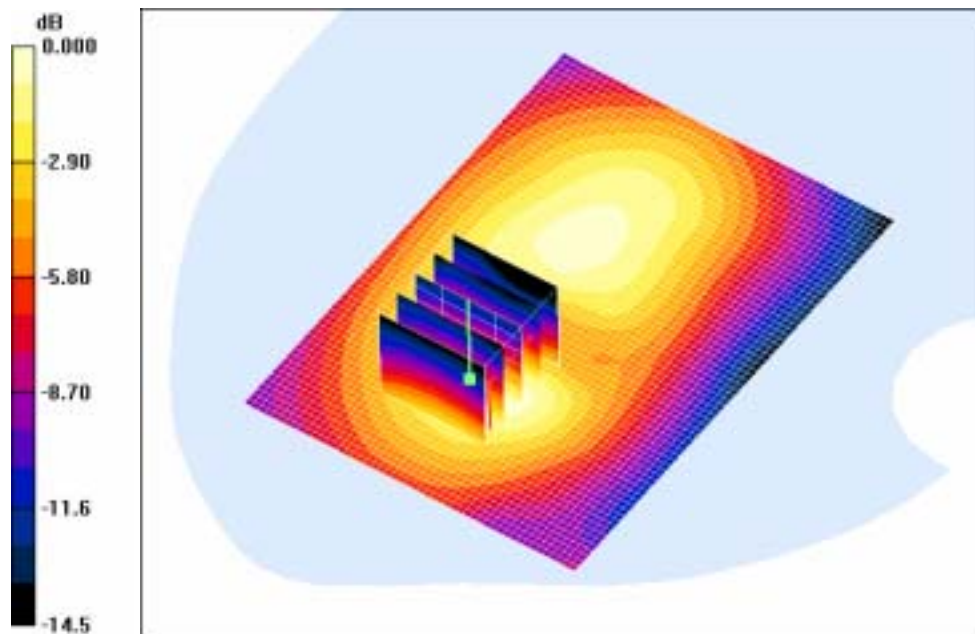
SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.122 mW/g

Body, Ch. 0600, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.124 mW/g



0 dB = 0.124mW/g