# Appendix B

## Detailed Test Results

| |
|---|
| WIFI 802.11b 1CH Back Side 0mm |
| WIFI 802.11b 1CH Right Side 0mm |
| WIFI 802.11b 1CH Bottom Side 0mm |
| WIFI 802.11b 6CH Right Side 0mm |
| WIFI 802.11b 11CH Right Side 0mm |
| WIFI 802.11b 6CH Back Side 0mm |
| WIFI 802.11b 11CH Back Side 0mm |
| WIFI 802.11b 11CH Back Side 0mm -Repeat |

Date/Time: 2013-9-3 14:11:56

Test Laboratory: SGS-SAR Lab

## HSTNH-K13C WiFi 802.11b 1CH Back Side 0mm

### DUT: HSTNH-K13C; Type: Tablet ; Serial: NA

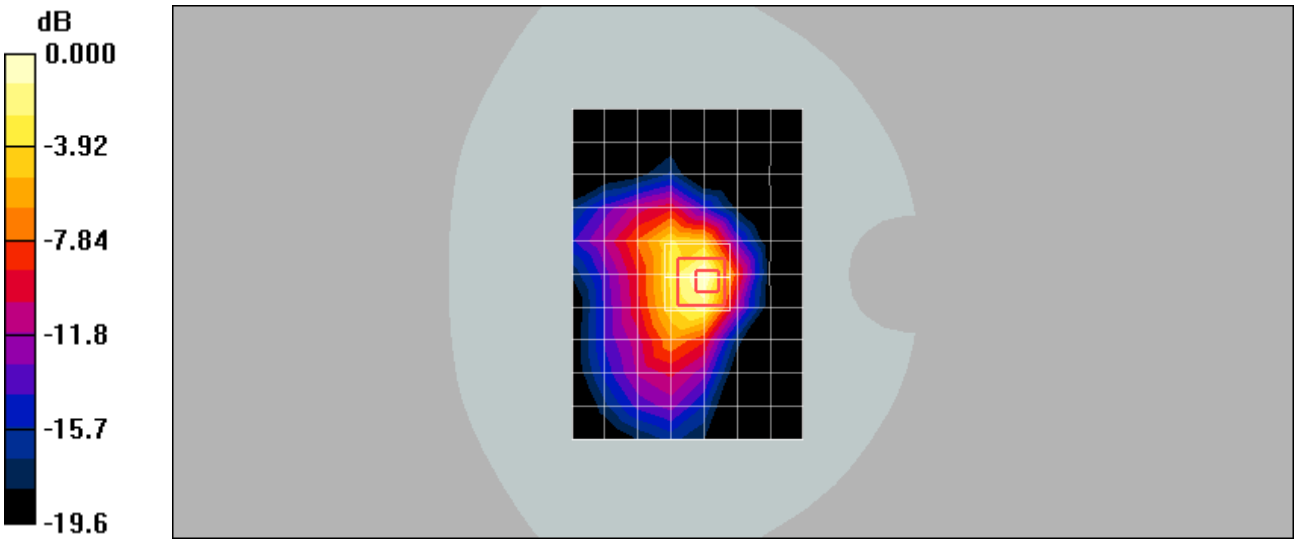
Communication System: 802.11b/g; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used: f = 2412 MHz; $\sigma$ = 1.92 mho/m; $\varepsilon_r$ = 51.9; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.2, 4.2, 4.2); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.01 mW/g

**Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.7 V/m; Power Drift = -0.052 dB
Peak SAR (extrapolated) = 1.82 W/kg
**SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.368 mW/g**
Maximum value of SAR (measured) = 0.925 mW/g




0 dB = 0.925mW/g

Date/Time: 2013-9-3 14:41:54

Test Laboratory: SGS-SAR Lab

## HSTNH-K13C WiFi 802.11b 1CH Right Side 0mm

### DUT: HSTNH-K13C; Type: Tablet ; Serial: NA

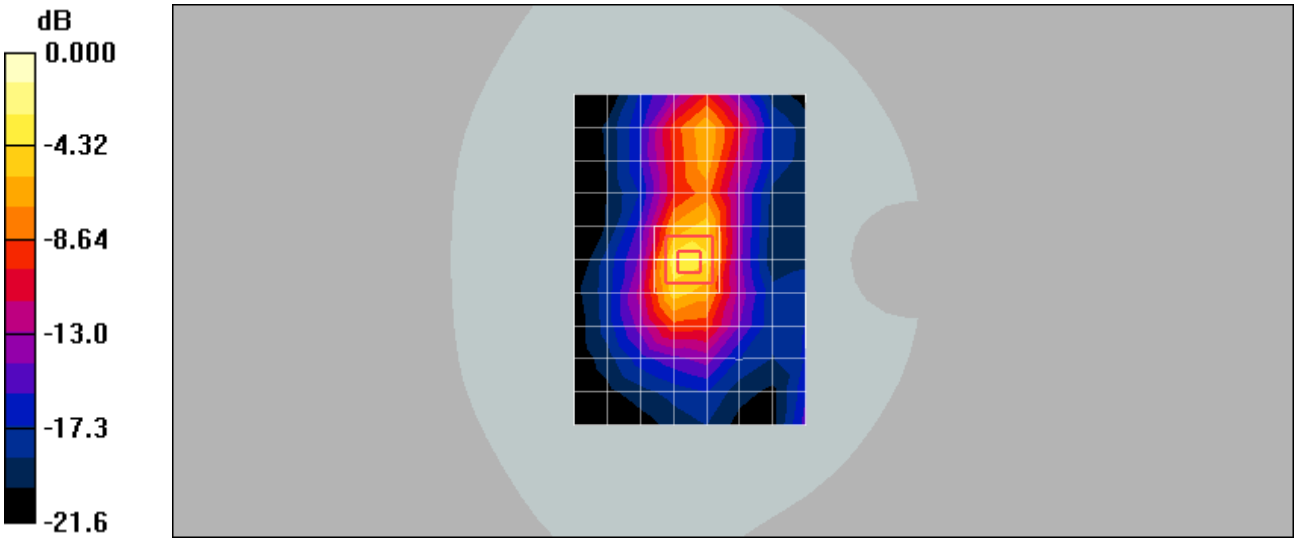
Communication System: 802.11b/g; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used: f = 2412 MHz; $\sigma$ = 1.92 mho/m; $\varepsilon_r$ = 51.9; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.2, 4.2, 4.2); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.417 mW/g

**Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.2 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 1.75 W/kg
**SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.306 mW/g**
Maximum value of SAR (measured) = 0.916 mW/g




0 dB = 0.916mW/g

Date/Time: 2013-9-3 16:34:15

Test Laboratory: SGS-SAR Lab

## HSTNH-K13C WiFi 802.11b 1CH Bottom Side 0mm

### DUT: HSTNH-K13C; Type: Tablet ; Serial: NA

Communication System: 802.11b/g; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used: f = 2412 MHz; $\sigma$ = 1.92 mho/m; $\varepsilon_r$ = 51.9; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

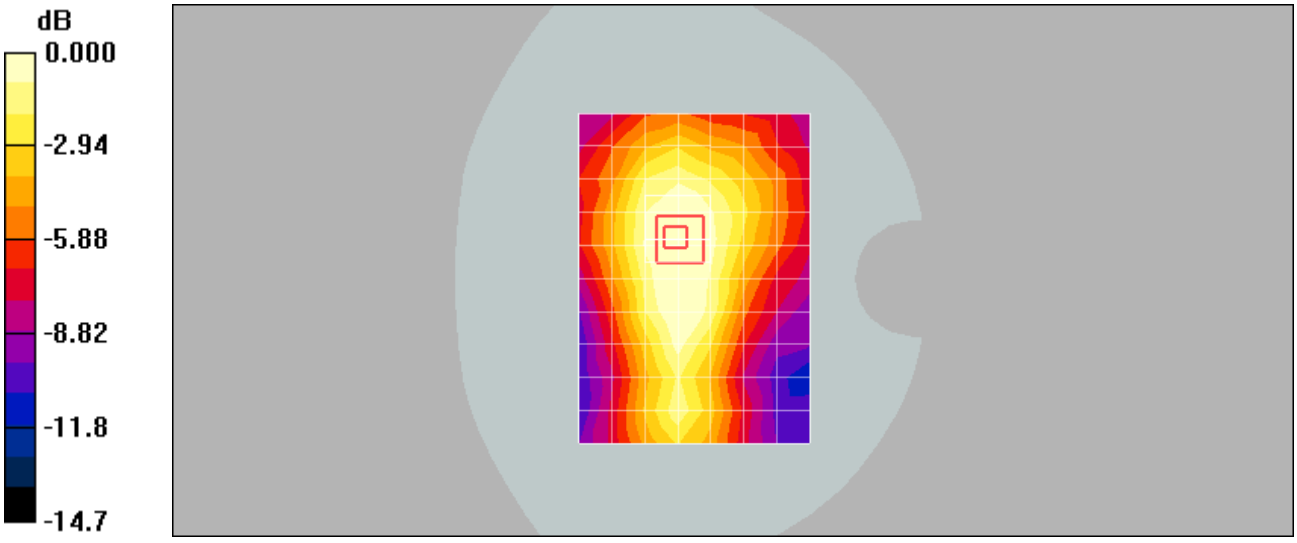
DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.2, 4.2, 4.2); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.081 mW/g

**Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.30 V/m; Power Drift = -0.182 dB
Peak SAR (extrapolated) = 0.101 W/kg
**SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.036 mW/g**

Maximum value of SAR (measured) = 0.065 mW/g




0 dB = 0.065mW/g

Date/Time: 2013-9-3 15:16:05

Test Laboratory: SGS-SAR Lab

## HSTNH-K13C WiFi 802.11b 6CH Right Side 0mm

### DUT: HSTNH-K13C; Type: Tablet ; Serial: NA

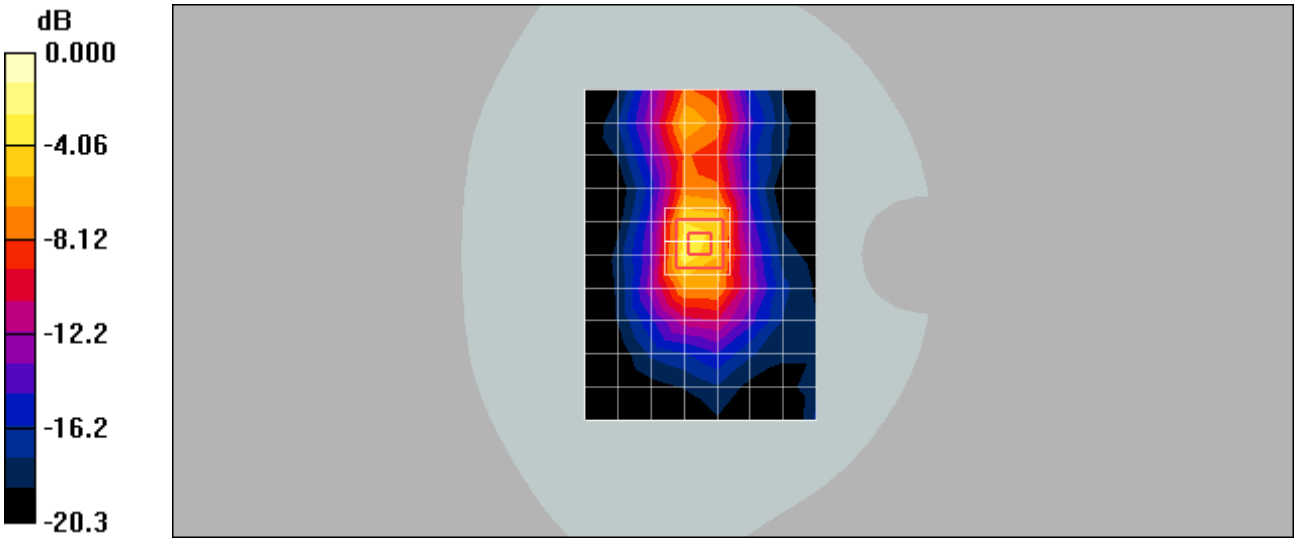
Communication System: 802.11b/g; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used: f = 2437 MHz; $\sigma$ = 1.94 mho/m; $\varepsilon_r$ = 51.8; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.2, 4.2, 4.2); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.455 mW/g

**Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.3 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 1.70 W/kg
**SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.298 mW/g**
Maximum value of SAR (measured) = 0.908 mW/g




0 dB = 0.908mW/g

Date/Time: 2013-9-3 15:58:53

Test Laboratory: SGS-SAR Lab

## HSTNH-K13C WiFi 802.11b 11CH Right Side 0mm

### DUT: HSTNH-K13C; Type: Tablet ; Serial: NA

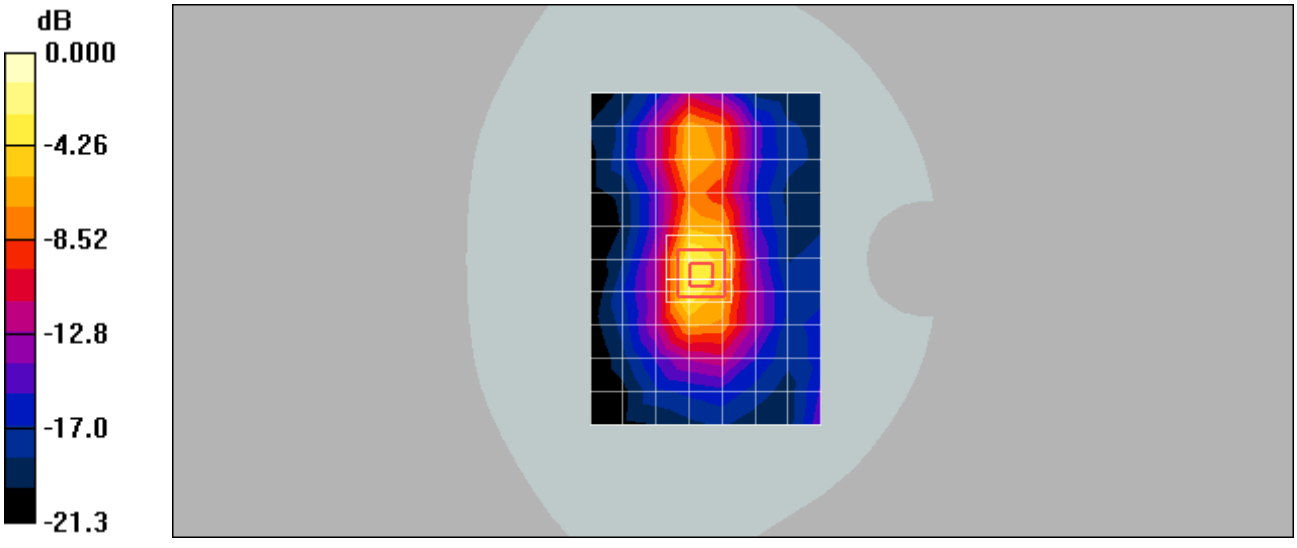
Communication System: 802.11b/g; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used: f = 2462 MHz; $\sigma$ = 1.98 mho/m; $\varepsilon_r$ = 51.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.2, 4.2, 4.2); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.437 mW/g

**Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.6 V/m; Power Drift = -0.193 dB
Peak SAR (extrapolated) = 1.53 W/kg
**SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.263 mW/g**
Maximum value of SAR (measured) = 0.793 mW/g




0 dB = 0.793mW/g

Date/Time: 2013-9-3 17:04:42

Test Laboratory: SGS-SAR Lab

## HSTNH-K13C WiFi 802.11b 6CH Back Side 0mm

### DUT: HSTNH-K13C; Type: Tablet ; Serial: NA

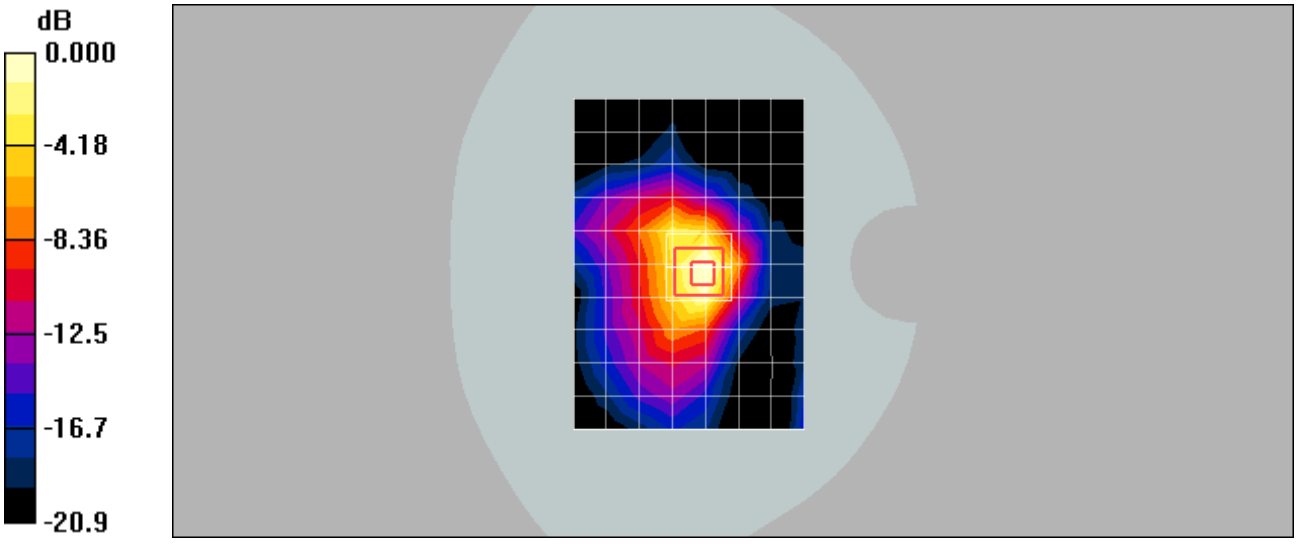
Communication System: 802.11b/g; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used: f = 2437 MHz; $\sigma$ = 1.94 mho/m; $\varepsilon_r$ = 51.8; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.2, 4.2, 4.2); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.18 mW/g

**Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.6 V/m; Power Drift = -0.195 dB
Peak SAR (extrapolated) = 1.89 W/kg
**SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.368 mW/g**
Maximum value of SAR (measured) = 0.927 mW/g




0 dB = 0.927mW/g

Date/Time: 2013-9-3 17:48:13

Test Laboratory: SGS-SAR Lab

## HSTNH-K13C WiFi 802.11b 11CH Back Side 0mm

### DUT: HSTNH-K13C; Type: Tablet ; Serial: NA

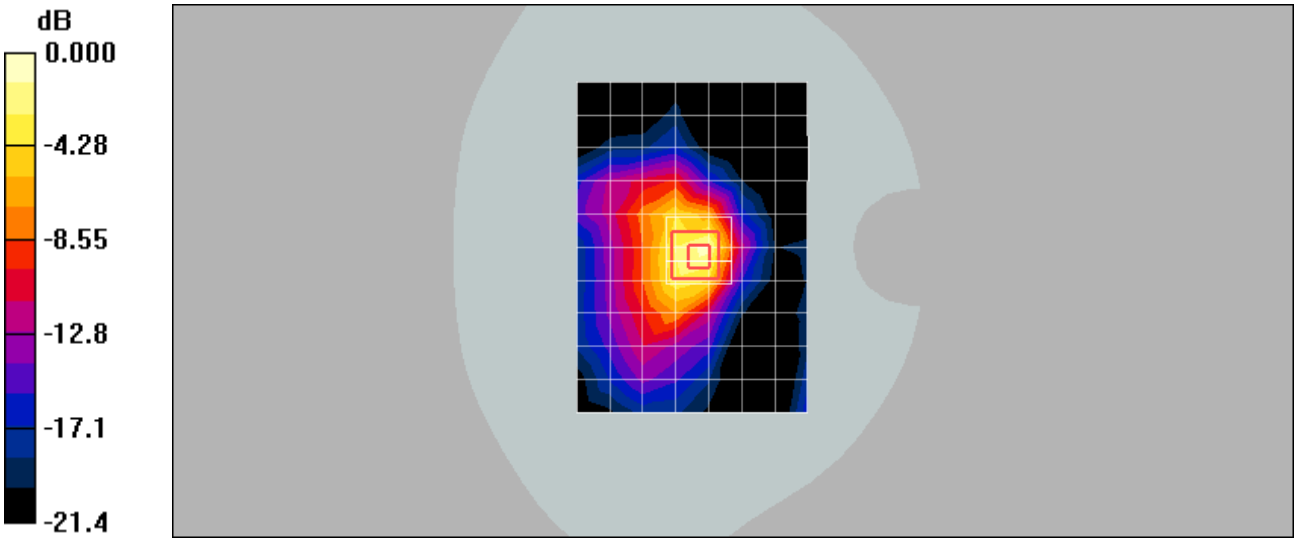
Communication System: 802.11b/g; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used: f = 2462 MHz; $\sigma$ = 1.98 mho/m; $\varepsilon_r$ = 51.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:

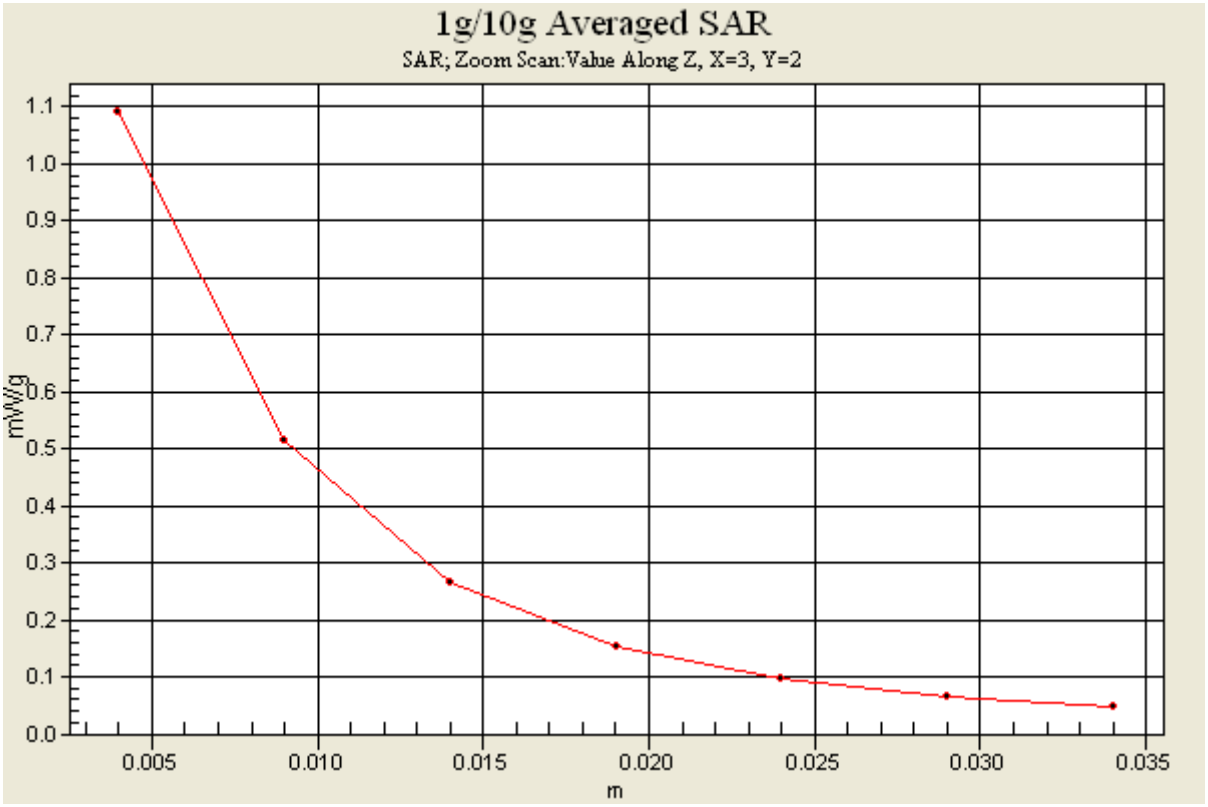
- Probe: ES3DV3 - SN3088; ConvF(4.2, 4.2, 4.2); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.932 mW/g

**Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.6 V/m; Power Drift = -0.139 dB
Peak SAR (extrapolated) = 2.20 W/kg
**SAR(1 g) = 0.952 mW/g; SAR(10 g) = 0.428 mW/g**
Maximum value of SAR (measured) = 1.09 mW/g




0 dB = 1.09mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=2
mW/g
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 2013-9-3 18:20:17

Test Laboratory: SGS-SAR Lab

## HSTNH-K13C WiFi 802.11b 11CH Back Side 0mm -Repeat

### DUT: HSTNH-K13C; Type: Tablet ; Serial: NA

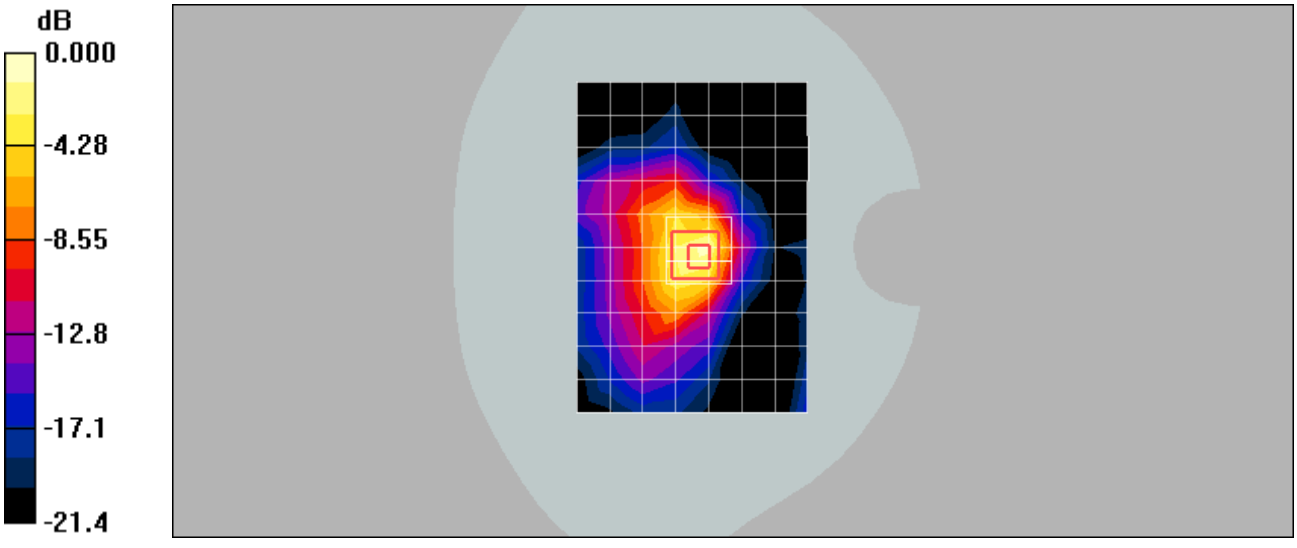
Communication System: 802.11b/g; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used: f = 2462 MHz; $\sigma$ = 1.98 mho/m; $\varepsilon_r$ = 51.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.2, 4.2, 4.2); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (8x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.913 mW/g

**Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.2 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 2.12 W/kg
**SAR(1 g) = 0.907 mW/g; SAR(10 g) = 0.392 mW/g**
Maximum value of SAR (measured) = 1.01 mW/g




0 dB = 1.01mW/g