



Appendix B

Detailed Test Results

WiFi 802.11b 6CH Back Side 0mm
WiFi 802.11b 6CH Left Side 0mm
WiFi 802.11b 6CH Top Side 0mm
WiFi 802.11b 1CH Back Side 0mm
WiFi 802.11b 11CH Back Side 0mm
WiFi 802.11b 6CH Back Side 0mm-repeat

Test Laboratory: SGS-SAR Lab

HSTNN-N03C WiFi 802.11b 6CH Back Side 0mm

DUT: HSTNN-N03C; Type: MID; Serial: NA

Communication System: 802.11b/g; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.02, 4.02, 4.02); Calibrated: 2013-6-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- 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) = 1.25 mW/g

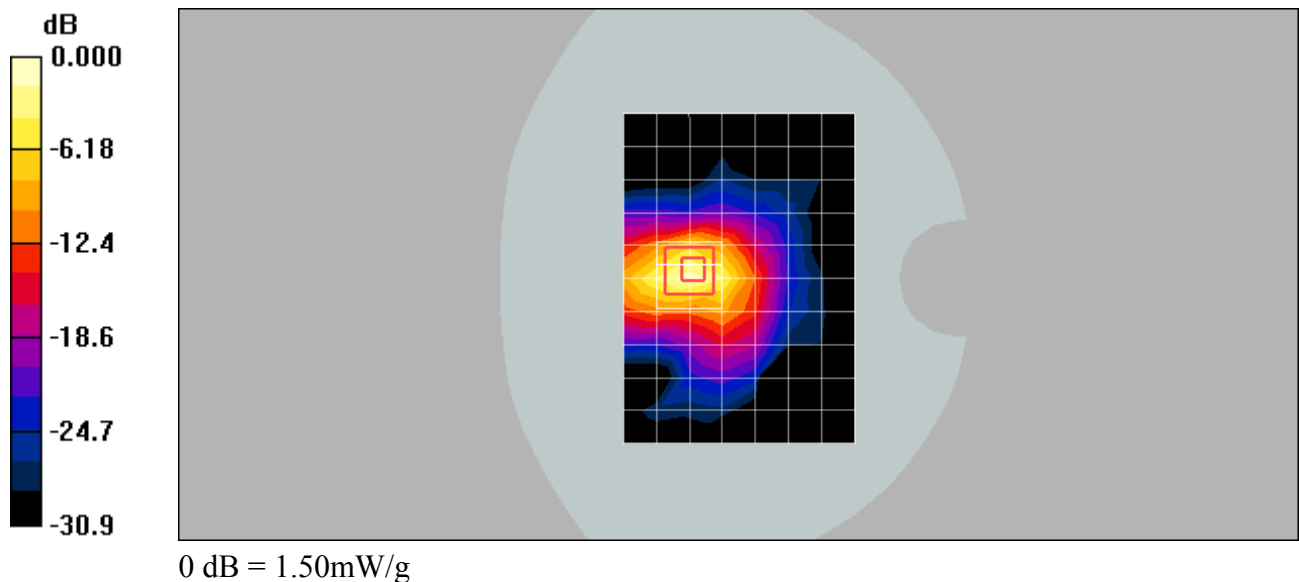
Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 5.46 W/kg

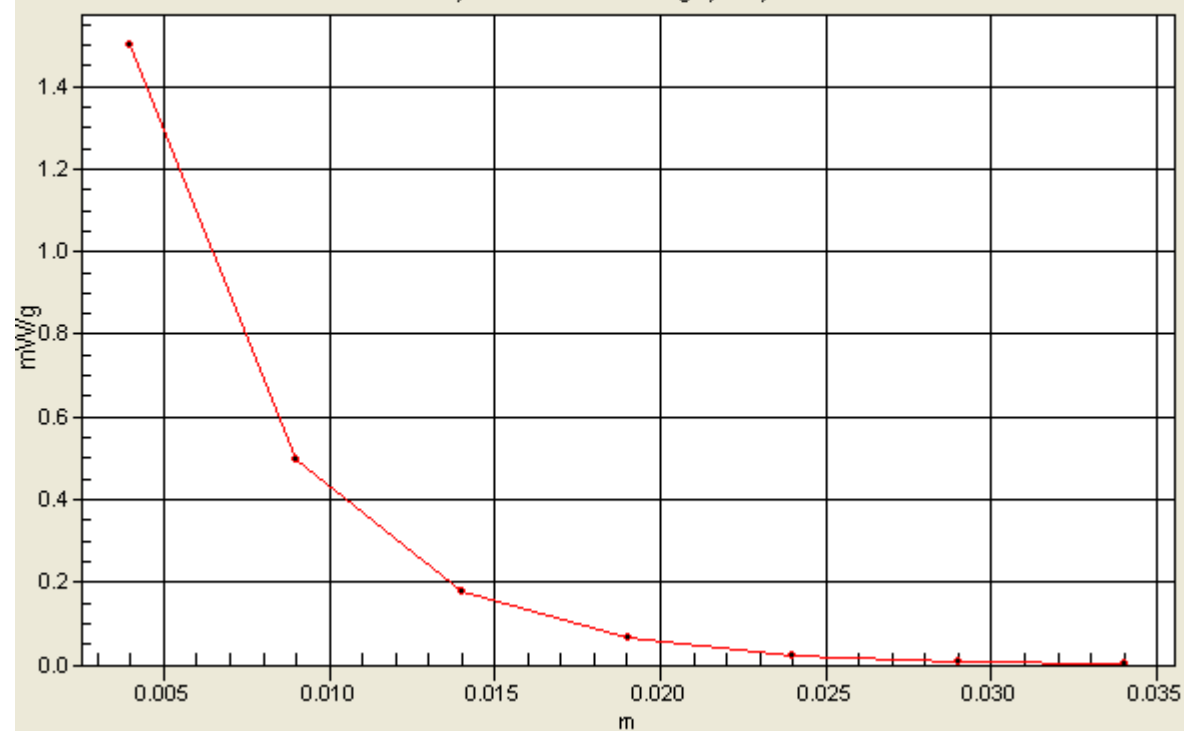
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.451 mW/g

Maximum value of SAR (measured) = 1.50 mW/g



1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=3, Y=4



Test Laboratory: SGS-SAR Lab

HSTNN-N03C WiFi 802.11b 6CH Left Side 0mm

DUT: HSTNN-N03C; Type: MID; Serial: NA

Communication System: 802.11b/g; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.02, 4.02, 4.02); Calibrated: 2013-6-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- 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) = 0.248 mW/g

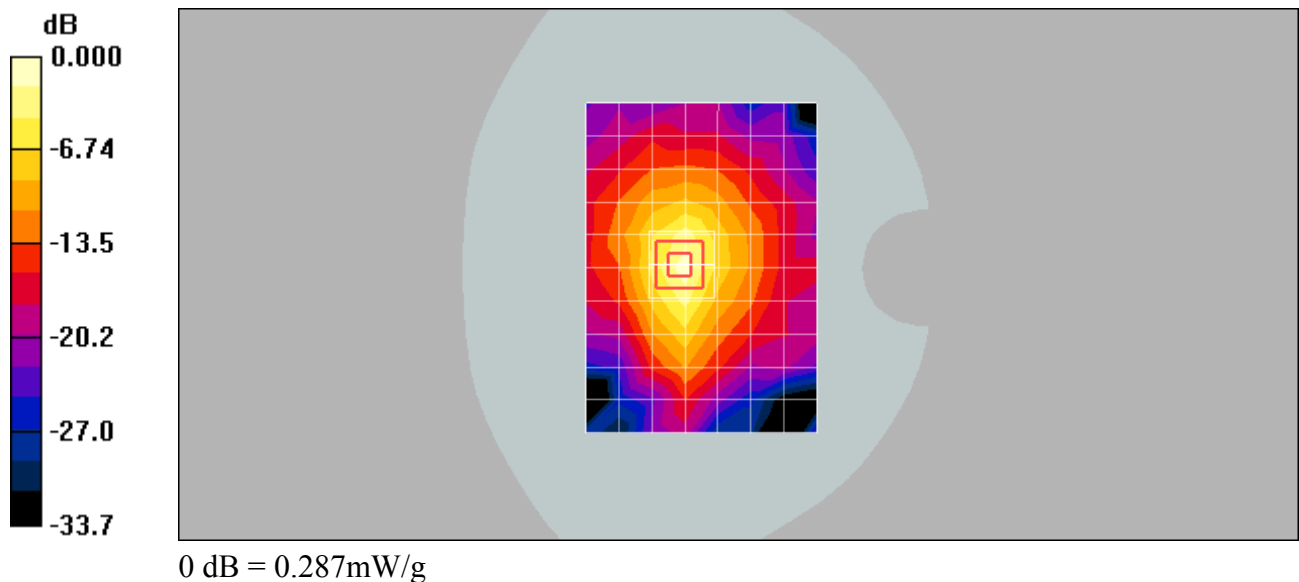
Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.53 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.096 mW/g

Maximum value of SAR (measured) = 0.287 mW/g



Test Laboratory: SGS-SAR Lab

HSTNN-N03C WiFi 802.11b 6CH Top Side 0mm

DUT: HSTNN-N03C; Type: MID; Serial: NA

Communication System: 802.11b/g; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.02, 4.02, 4.02); Calibrated: 2013-6-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- 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) = 0.571 mW/g

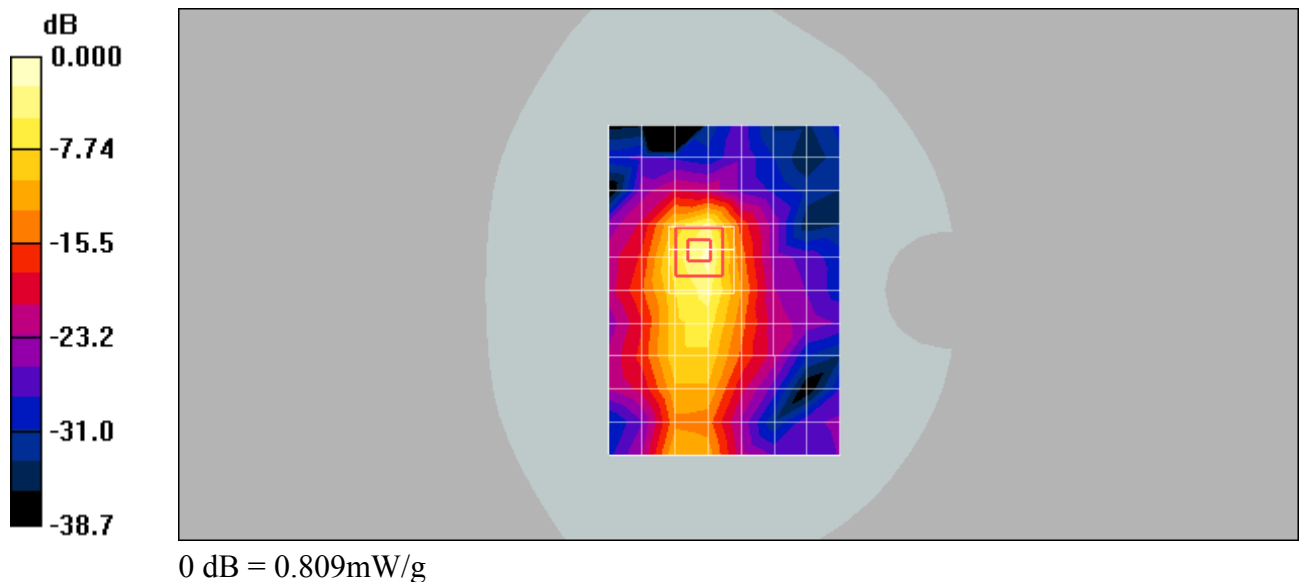
Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 0.684 mW/g; SAR(10 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.809 mW/g



Test Laboratory: SGS-SAR Lab

HSTNN-N03C WiFi 802.11b 1CH Back Side 0mm

DUT: HSTNN-N03C; Type: MID; Serial: NA

Communication System: 802.11b/g; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.9$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.02, 4.02, 4.02); Calibrated: 2013-6-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- 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) = 1.45 mW/g

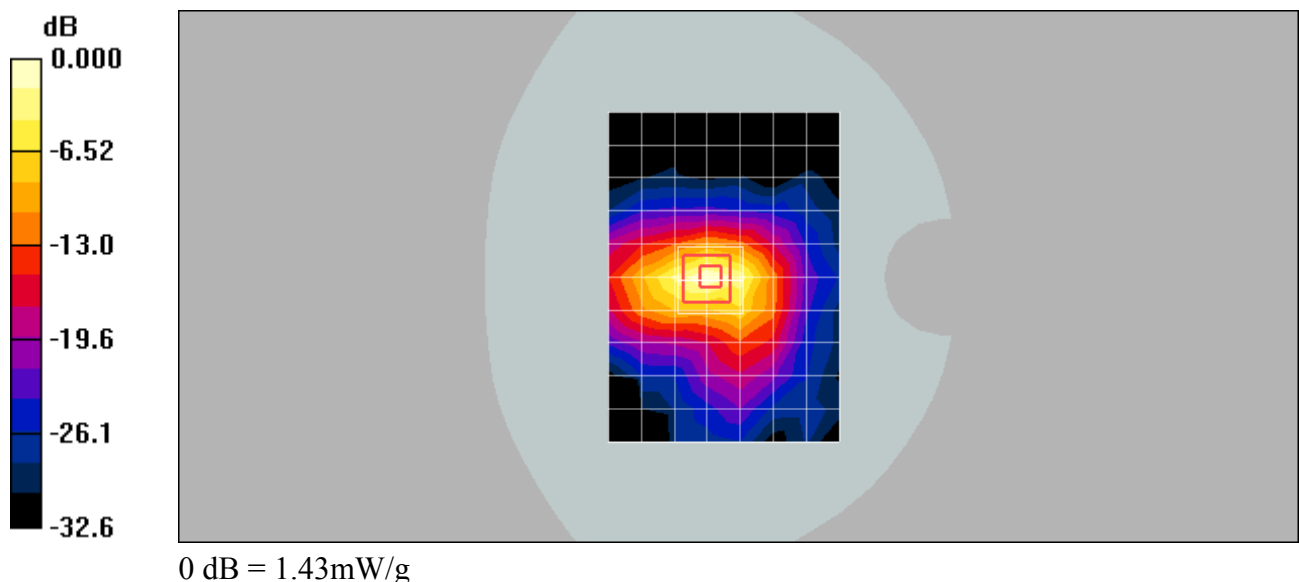
Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.6 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 4.86 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.430 mW/g

Maximum value of SAR (measured) = 1.43 mW/g



Test Laboratory: SGS-SAR Lab

HSTNN-N03C WiFi 802.11b 11CH Back Side 0mm

DUT: HSTNN-N03C; Type: MID; Serial: NA

Communication System: 802.11b/g; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.02, 4.02, 4.02); Calibrated: 2013-6-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- 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) = 0.919 mW/g

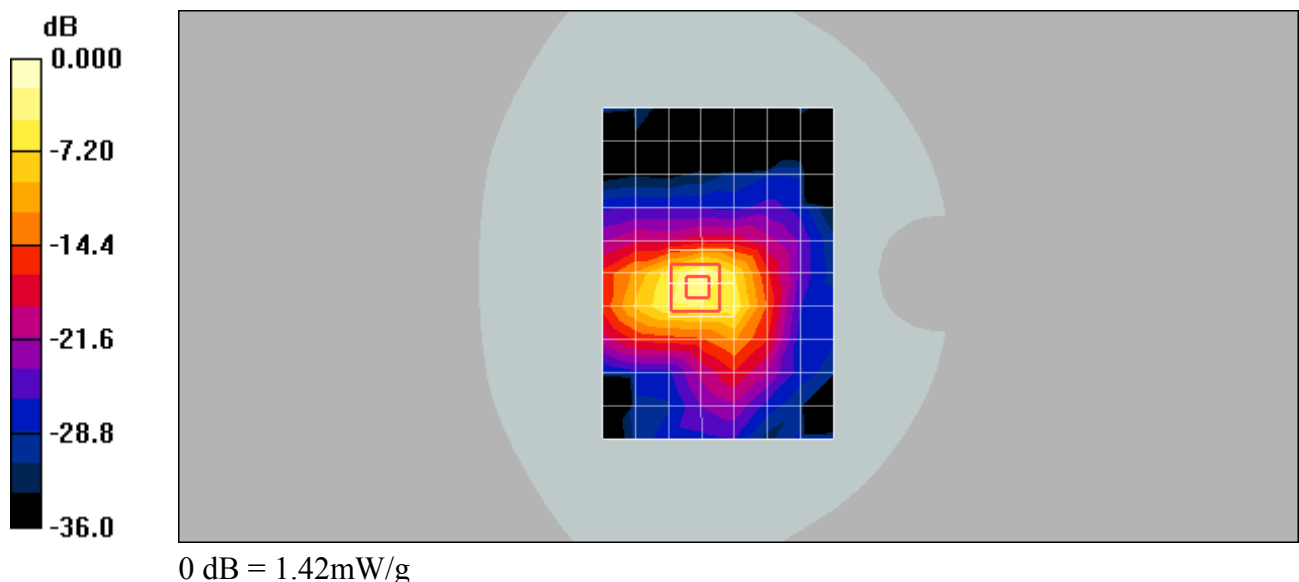
Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.6 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 4.78 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (measured) = 1.42 mW/g



Test Laboratory: SGS-SAR Lab

HSTNN-N03C WiFi 802.11b 6CH Back Side 0mm-repeat

DUT: HSTNN-N03C; Type: MID; Serial: NA

Communication System: 802.11b/g; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.02, 4.02, 4.02); Calibrated: 2013-6-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- 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) = 0.935 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.5 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 5.54 W/kg

SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.451 mW/g

Maximum value of SAR (measured) = 1.68 mW/g

