

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 850\_flat\_ch128\_tasche\_back

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: Muscle 850 MHz Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.966$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.2, 6.2, 6.2); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 16.3 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.375 mW/g

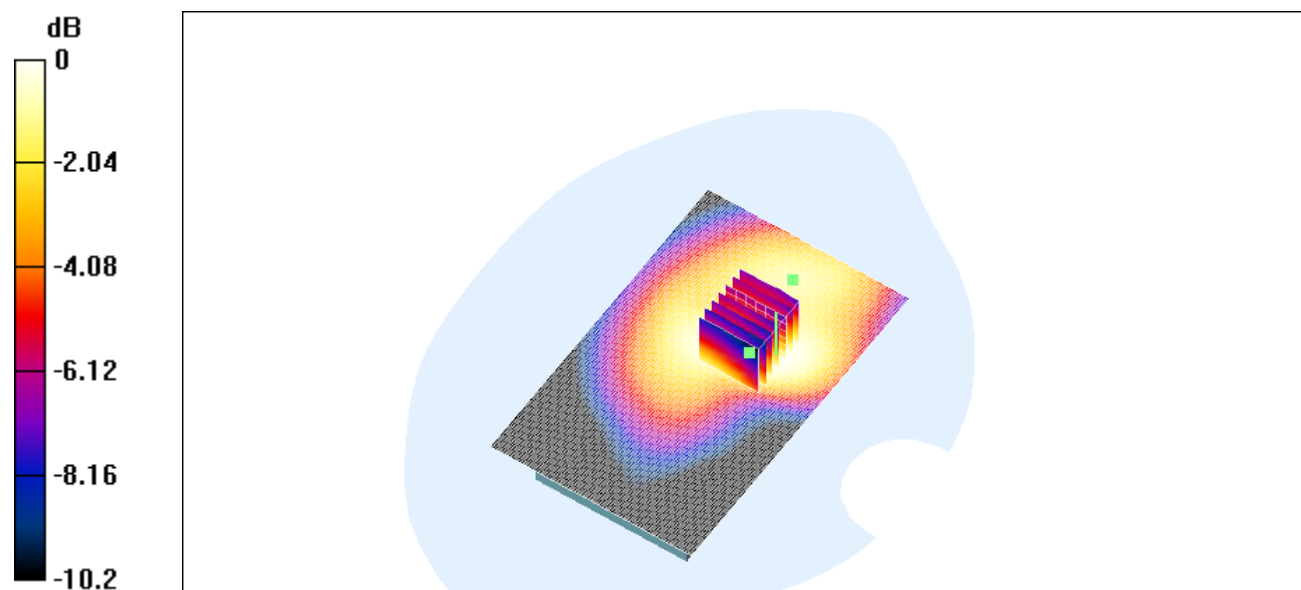
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.3 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.369 mW/g

Peak SAR (extrapolated) = 0.462 W/kg

**SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.247 mW/g**



0 dB = 0.369mW/g

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### 850\_flat\_ch189\_tasche\_back

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Muscle 850 MHz Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.2, 6.2, 6.2); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 22.1 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.627 mW/g

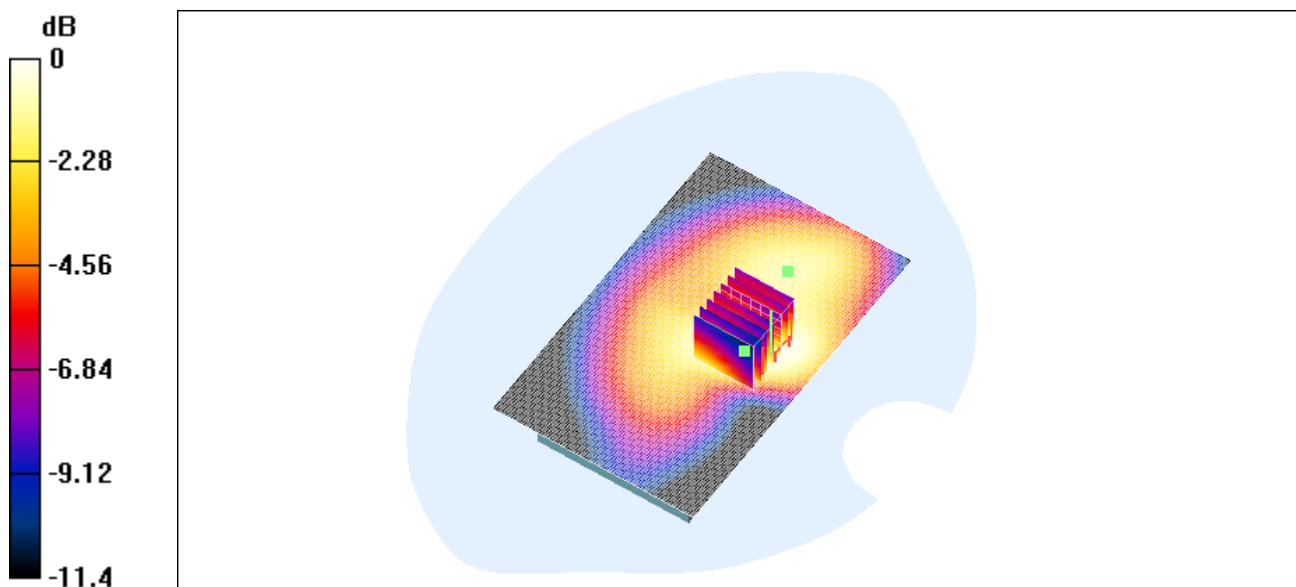
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.613 mW/g

Peak SAR (extrapolated) = 0.815 W/kg

**SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.398 mW/g**



0 dB = 0.613mW/g

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**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

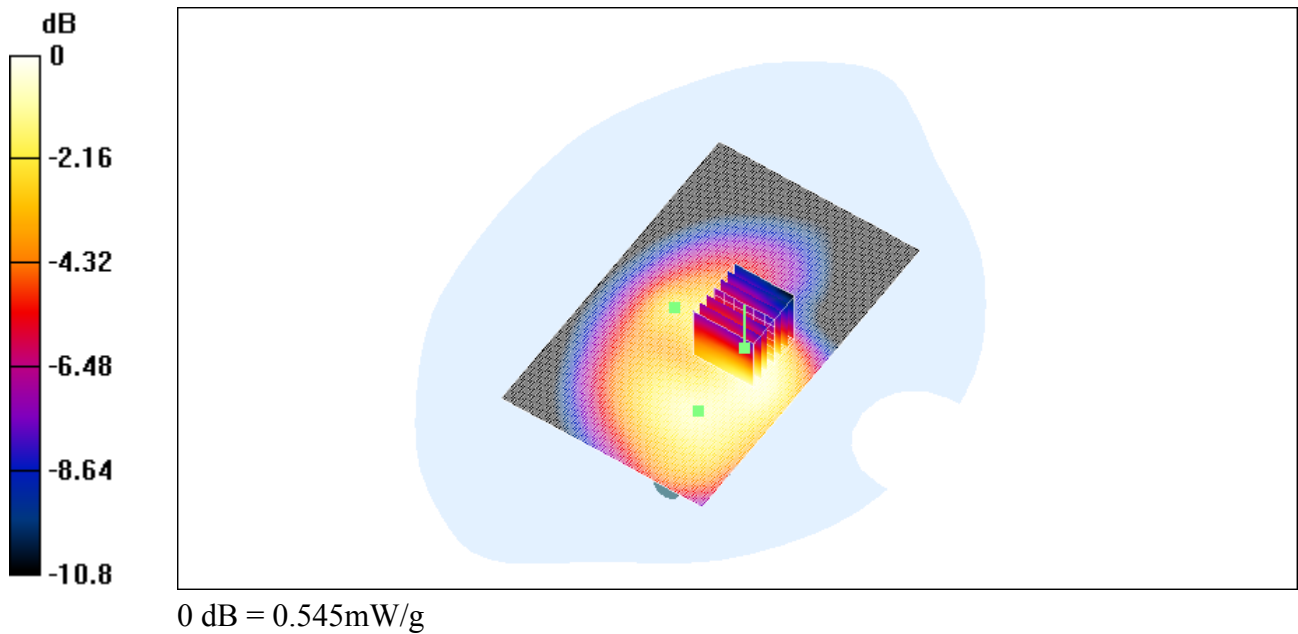
Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3  
Medium: Muscle 850 MHz Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.2, 6.2, 6.2); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm  
Reference Value = 22.3 V/m; Power Drift = -0.0 dB  
Maximum value of SAR (interpolated) = 0.532 mW/g

**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 22.3 V/m; Power Drift = -0.0 dB  
Maximum value of SAR (measured) = 0.545 mW/g  
Peak SAR (extrapolated) = 0.688 W/kg  
**SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.341 mW/g**



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### 850\_flat\_ch251\_tasche\_back

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: Muscle 850 MHz Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.985$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.2, 6.2, 6.2); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 19.4 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.450 mW/g

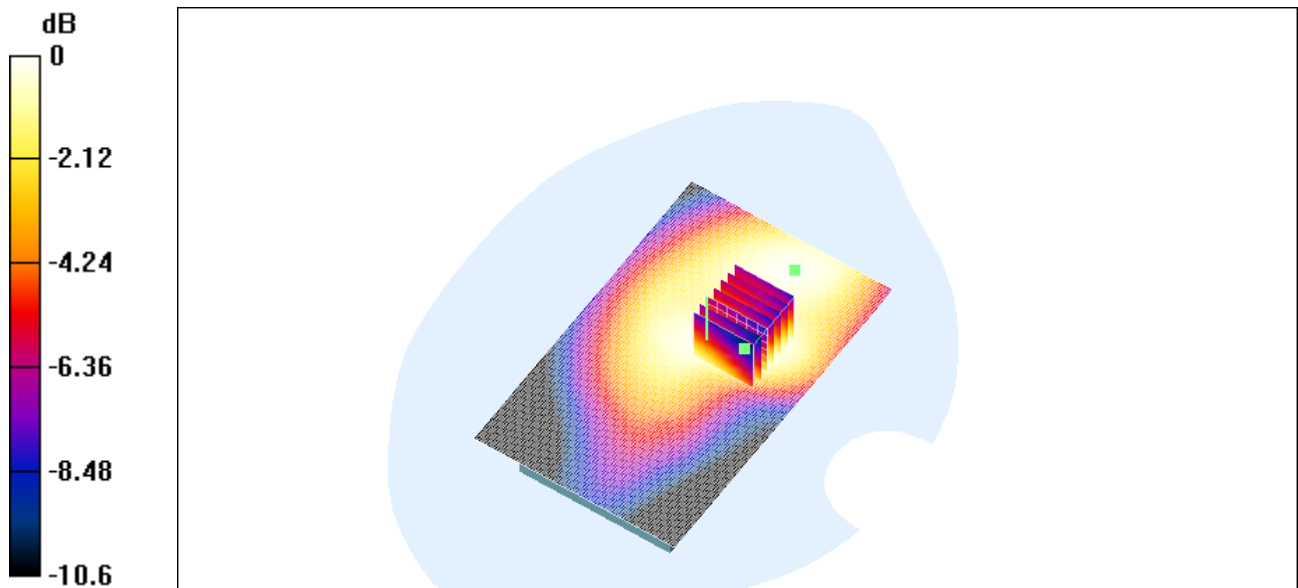
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.4 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.449 mW/g

Peak SAR (extrapolated) = 0.569 W/kg

**SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.302 mW/g**



0 dB = 0.449mW/g

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### 850\_flat\_ch189\_back

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Muscle 850 MHz Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.2, 6.2, 6.2); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 21.9 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.516 mW/g

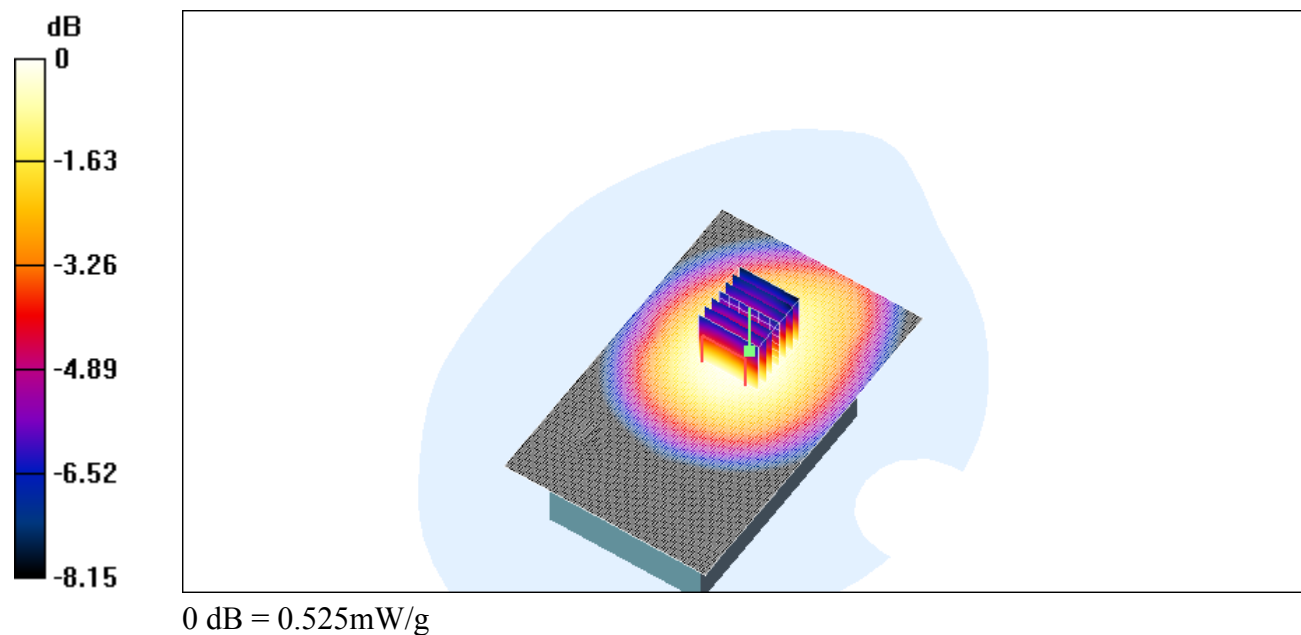
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.9 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.525 mW/g

Peak SAR (extrapolated) = 0.599 W/kg

**SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.378 mW/g**



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Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Muscle 850 MHz Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.2, 6.2, 6.2); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 17.6 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.419 mW/g

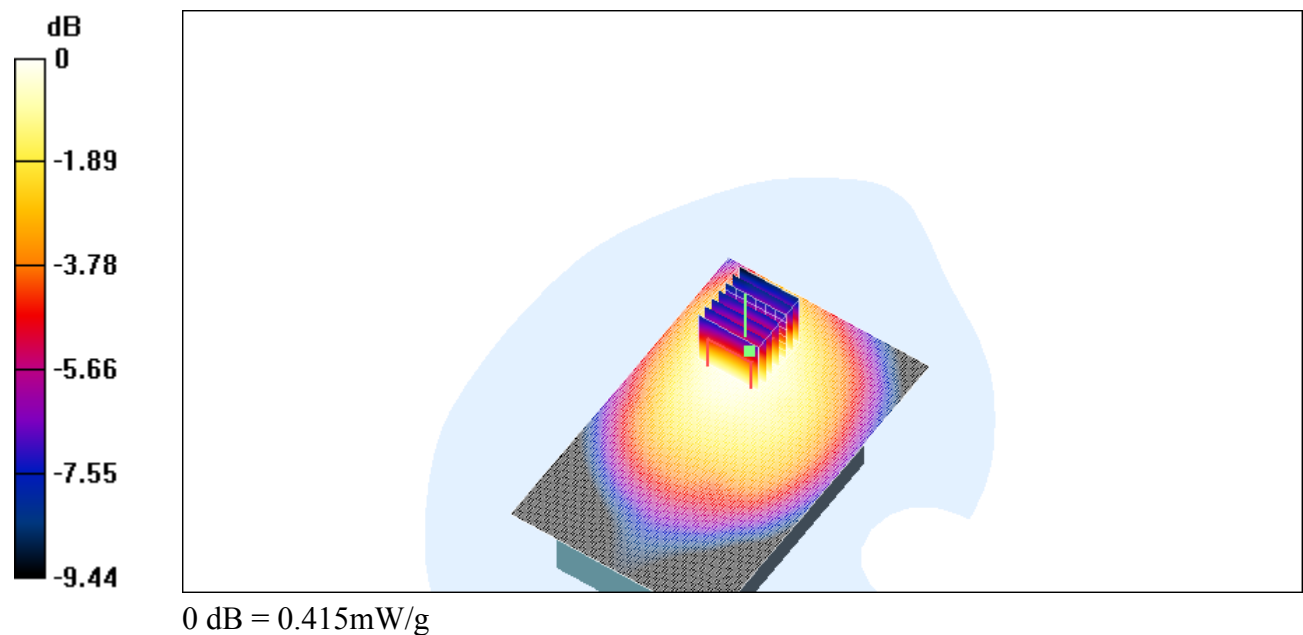
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.415 mW/g

Peak SAR (extrapolated) = 0.527 W/kg

**SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.287 mW/g**





## Appendix C

### Pictures



Appendix

A. Pictures



























