

Date/Time: 4/26/2011 9:22:12 PM

Test Laboratory: Motorola - GSM 850 with Accessory

DUT: TA014000R5; FCC ID: IHDP56LS2

Procedure Notes: Pwr Step: 5; Antenna Position: Internal; Battery Model #: SNN5865A

Accessory Model: SJYN0737A (S/N AC023B66D)

Device Position: Body Worn, Bottom Surface of Accessory with DUT attached, 0 mm from Phantom

Communication System: GPRS 850 Cl 10; Frequency: 836.6 MHz; Channel Number: 190; Duty Cycle: 1:4.15

Medium: Low Freq Body

Medium parameters used: $f = 835$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.86, 5.86, 5.86); Calibrated: 8/11/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn434; Calibrated: 1/13/2011
- Phantom: R#4 Glycol SAM (extended range), Rev.1 (25-Mar-05); Type: SAM v4.0; Serial: TP-1250;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

SAM DUT Against Flat Section/Area Scan - Normal Body (15mm) (21x6x1):

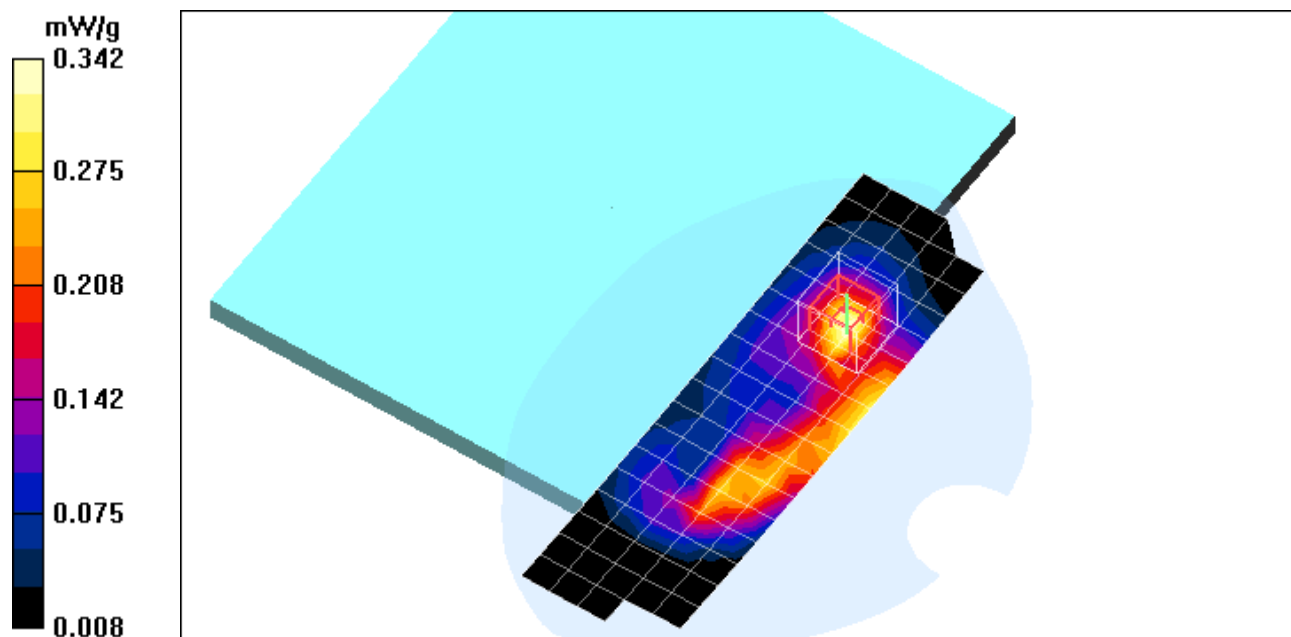
Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 0.330 mW/g

SAM DUT Against Flat Section/5x5x7 Zoom Scan (<=3GHz) (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = -0.128 dB; Peak SAR (extrapolated) = 0.572 W/kg

SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.176 mW/g; Maximum value of SAR (measured) = 0.342 mW/g



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Test Laboratory: Motorola - WCDMA 850 with Accessory

DUT: TA014000R5; FCC ID: IHDP56LS2

Procedure Notes: Pwr Step: All Up Bits; Antenna Position: Internal; Battery Model #: SNN5893A
Accessory Model: SJYN0737A (S/N AC023B66D)

Device Position: Body Worn, Bottom Surface of Accessory with DUT attached, 0 mm from Phantom
Communication System: WCDMA 850; Frequency: 836 MHz; Channel Number: 4180; Duty Cycle: 1:1

Medium: Low Freq Body

Medium parameters used: $f = 835$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.86, 5.86, 5.86); Calibrated: 8/11/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn434; Calibrated: 1/13/2011
- Phantom: R#4 Glycol SAM (extended range), Rev.1 (25-Mar-05); Type: SAM v4.0; Serial: TP-1250;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

SAM DUT Against Flat Section/Area Scan - Normal Body (15mm) (21x6x1):

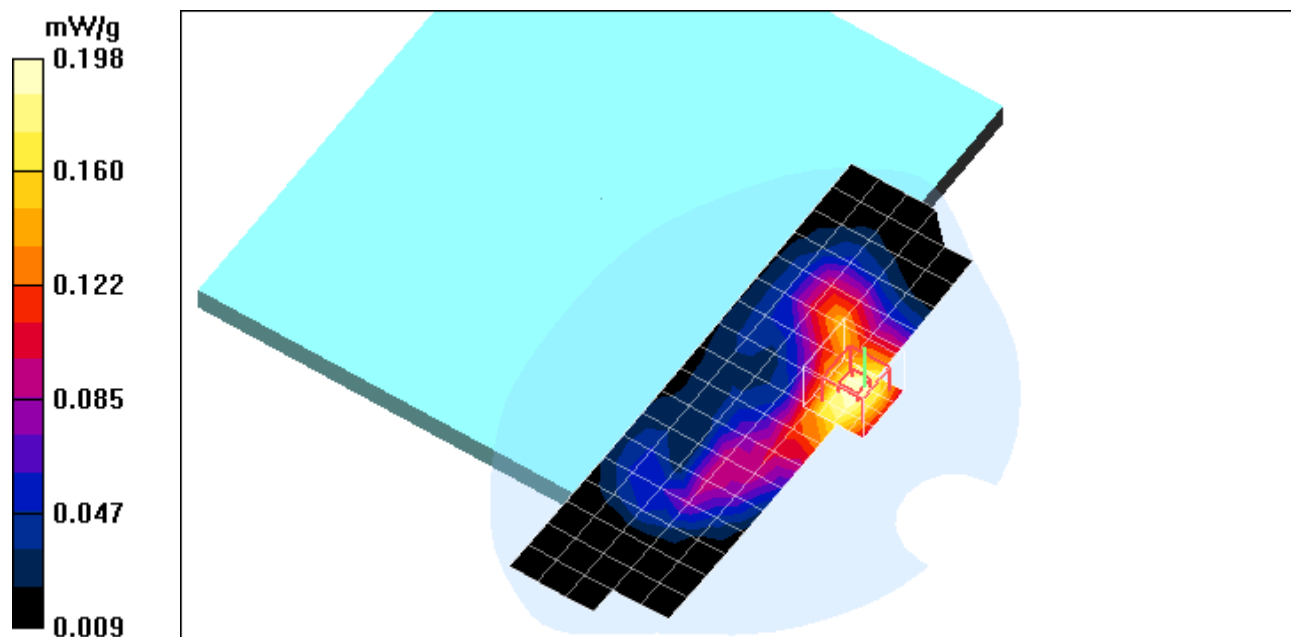
Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 0.192 mW/g

SAM DUT Against Flat Section/5x5x7 Zoom Scan (<=3GHz) (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = 0.037 dB; Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.128 mW/g; Maximum value of SAR (measured) = 0.198 mW/g



Date/Time: 4/26/2011 11:56:22 PM

Test Laboratory: Motorola - GSM 1900 with Accessory

DUT: TA014000R5; FCC ID: IHDP56LS2

Procedure Notes: Pwr Step: 0; Antenna Position: Internal; Battery Model #: SNN5893A

Accessory Model: SJYN7037A (S/N AC023B66D)

Device Position: Body Worn, Bottom Surface of Accessory with DUT attached, 0 mm from Phantom

Communication System: GPRS 1900 CI 10; Frequency: 1880 MHz; Channel Number: 661; Duty Cycle: 1:4.15

Medium: Regular Glycol Body 1750/1880

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3183; ConvF(4.84, 4.84, 4.84); Calibrated: 7/14/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 4/14/2011
- Phantom: R1_Glycol, SAM (extended range), Rev.1 (25-Mar-05); Type: SAM v4.0; Serial: TP-1139;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

SAM DUT Against Flat Section/Area Scan - Normal Body (15mm) (21x6x1):

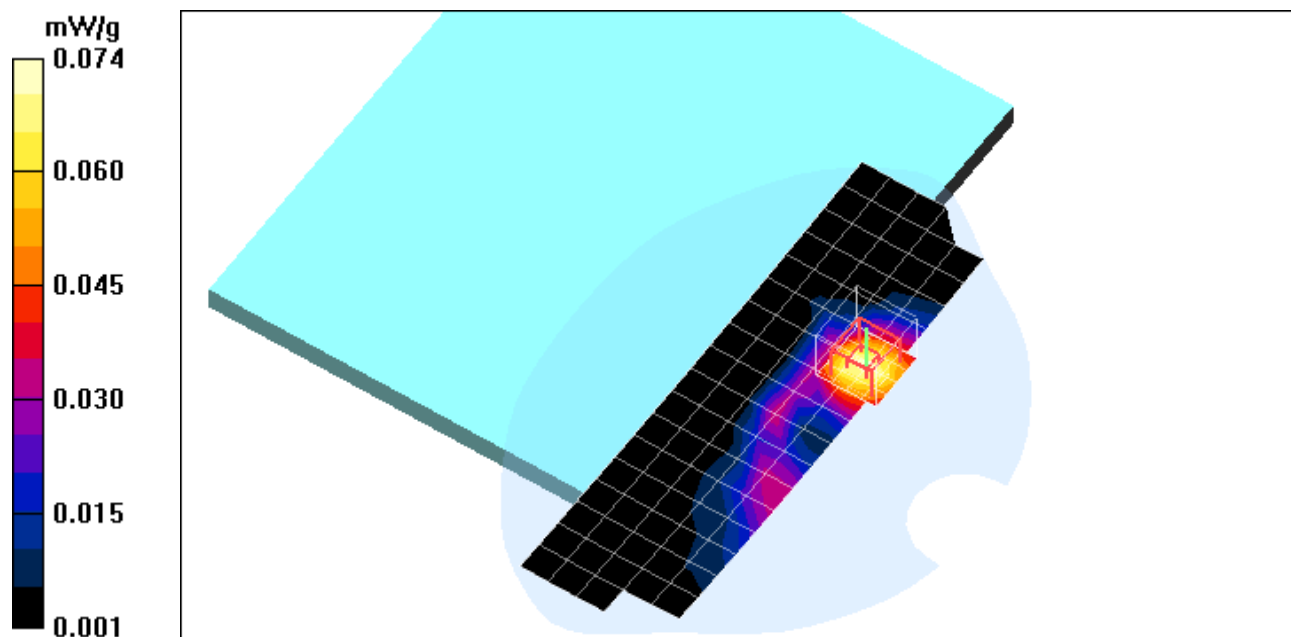
Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 0.070 mW/g

SAM DUT Against Flat Section/5x5x7 Zoom Scan (<=3GHz) (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.21 V/m; Power Drift = 0.249 dB; Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.041 mW/g; Maximum value of SAR (measured) = 0.074 mW/g



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Test Laboratory: Motorola - WCDMA 1900 with Accessory

DUT: TA014000R5; FCC ID: IHDP56LS2

Procedure Notes: Pwr Step: All Up Bits; Antenna Position: Internal; Battery Model #: SNN5865A
Accessory Model: SJYN7037A (S/N AC023B66D)

Device Position: Body Worn, Bottom Surface of Accessory with DUT attached, 0 mm from Phantom
Communication System: WCDMA 1900; Frequency: 1880 MHz; Channel Number: 9400; Duty Cycle: 1:1

Medium: Regular Glycol Body 1750/1880

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3183; ConvF(4.84, 4.84, 4.84); Calibrated: 7/14/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 4/14/2011
- Phantom: R1_Glycol, SAM (extended range), Rev.1 (25-Mar-05); Type: SAM v4.0; Serial: TP-1139;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

SAM DUT Against Flat Section/Area Scan - Normal Body (15mm) (21x6x1):

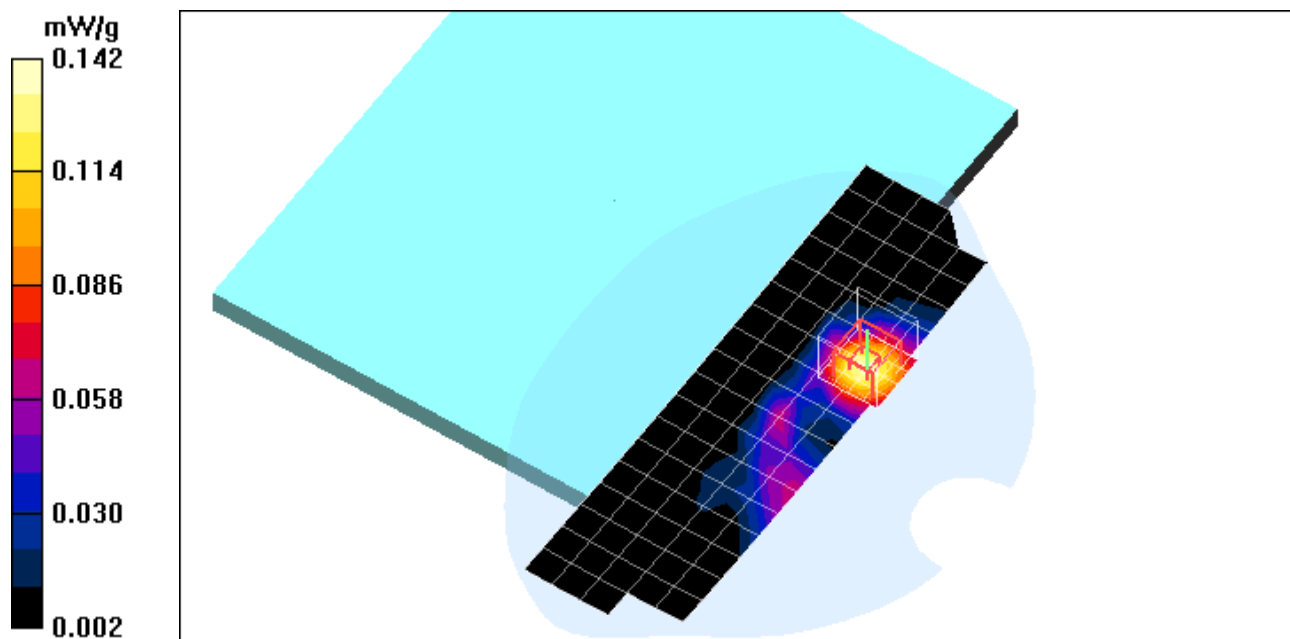
Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 0.143 mW/g

SAM DUT Against Flat Section/5x5x7 Zoom Scan (<=3GHz) (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.31 V/m; Power Drift = 0.001 dB; Peak SAR (extrapolated) = 0.210 W/kg

SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.077 mW/g; Maximum value of SAR (measured) = 0.142 mW/g



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Test Laboratory: Motorola - Wi-Fi 2450 with Accessory

DUT: TA0140008Z; FCC ID: IHDP56LS2

Procedure Notes: Pwr Step: N/A; Antenna Position: Internal; Battery Model #: SNN5893A

Accessory Model: SJYN7037A (S/N AC023B66D)

Device Position: Body Worn, Bottom Surface of Accessory with DUT attached, 0 mm from Phantom

Device Mode: 802.11b mode, 5.5 Mbps data rate

Communication System: Wi-Fi 2450; Frequency: 2462 MHz; Channel Number: 11; Duty Cycle: 1:1

Medium: 2450 Glycol Body

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 47.9$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.33, 4.33, 4.33); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 9/20/2010
- Phantom: R#2 Glycol SAM (extended range), Rev.1 (25-Mar-05); Type: SAM v4.0; Serial: TP-1136;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

SAM DUT Against Flat Section/Area Scan - Normal Body (15mm) (21x6x1):

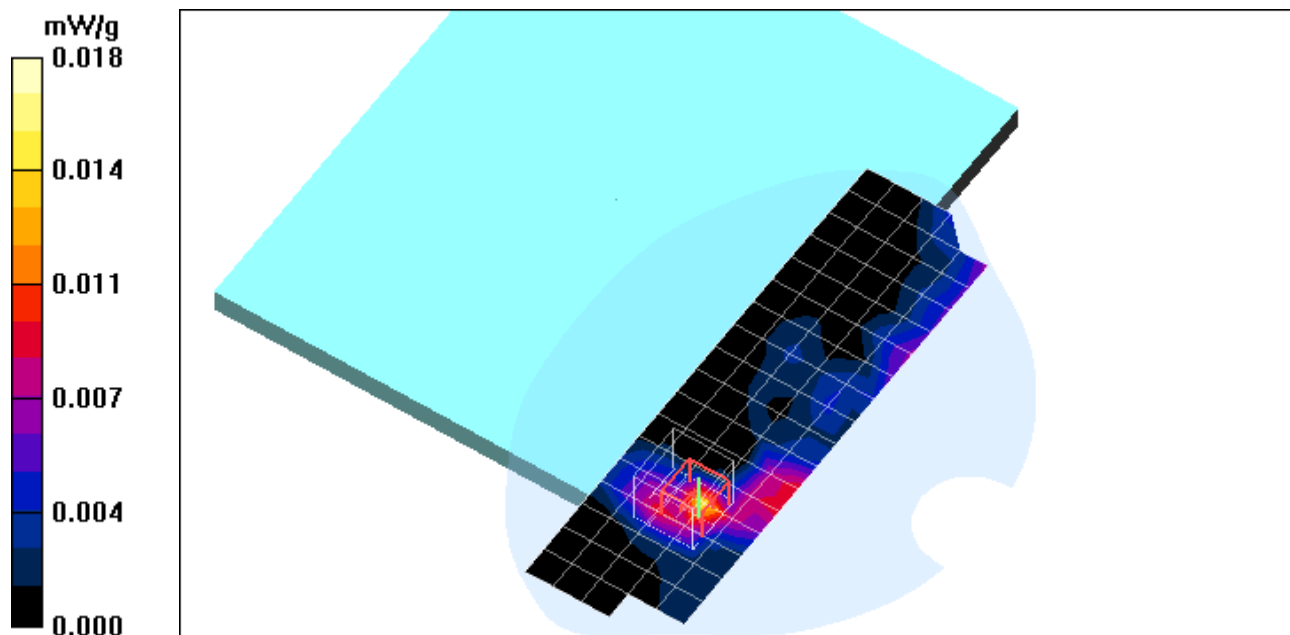
Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (measured) = 0.015 mW/g

SAM DUT Against Flat Section/5x5x7 Zoom Scan (<=3GHz) (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.50 V/m; Power Drift = -0.933 dB; Peak SAR (extrapolated) = 0.027 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00639 mW/g; Maximum value of SAR (measured) = 0.018 mW/g



Date/Time: 4/27/2011 11:33:12 AM

Test Laboratory: Motorola - Wi-Fi 5210 with Accessory

DUT: TA0140008Z; FCC ID: IHDP56LS2

Procedure Notes: Pwr Step: N/A; Antenna Position: Internal; Battery Model #: SNN5893A

Accessory Model: SJYN7037A (S/N AC023B66D)

Device Position: Body Worn, Bottom Surface of Accessory with DUT attached, 0 mm from Phantom

Device Mode: 802.11a mode, 54 Mbps data rate

Communication System: 5210MHz Band; Frequency: 5200 MHz; Channel Number: 40; Duty Cycle: 1:1

Medium: 5-6 GHz SPEAG Tissue BODY

Medium parameters used: $f = 5210$ MHz; $\sigma = 5.93$ mho/m; $\epsilon_r = 46.3$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: EX3DV4 - SN3730; ConvF(4.07, 4.07, 4.07); Calibrated: 7/16/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn440; Calibrated: 11/11/2010
- Phantom: R#3 5Ghz BODY SAM (extended range), Rev.1 (25-Mar-05); Type: SAM v4.0; Serial: TP-1106;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

SAM DUT Against Flat Section/Area Scan - Normal Body (10mm) (31x8x1):

Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.028 mW/g

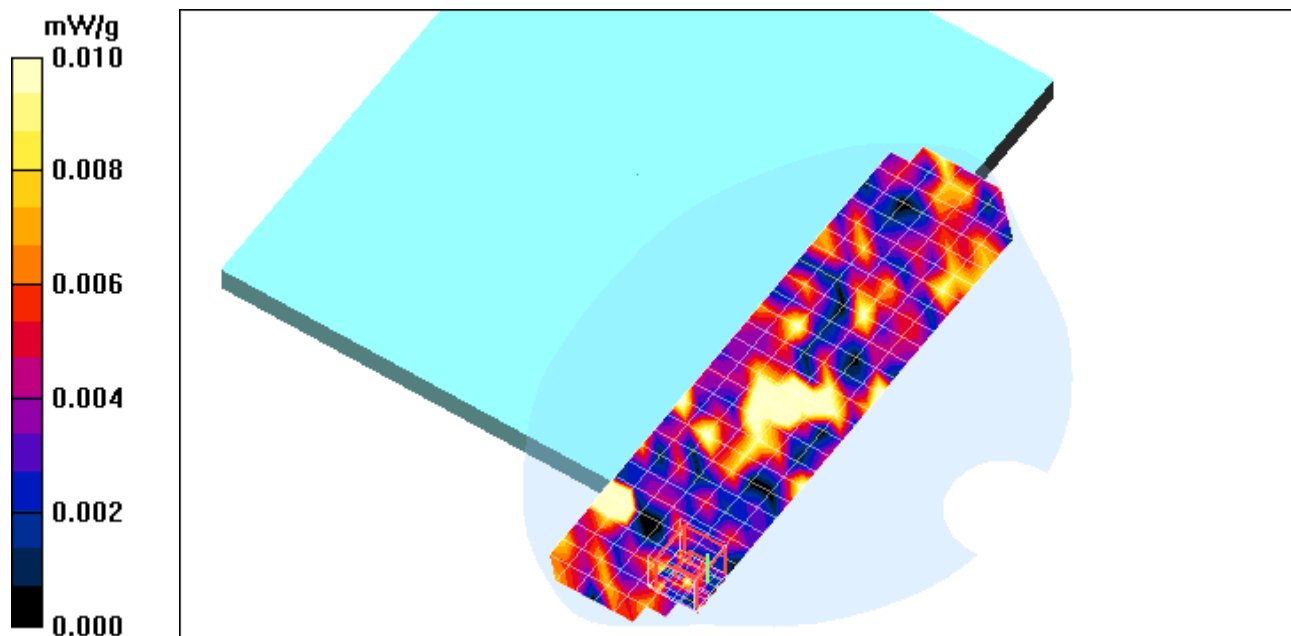
SAM DUT Against Flat Section/7x7x12 Zoom Scan (5-6GHz) (7x7x6)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.14 V/m; Power Drift = 0.458 dB; Peak SAR (extrapolated) = 0.023 W/kg

SAR(1 g) = 0.000769 mW/g; SAR(10 g) = 0.00024 mW/g;

Maximum value of SAR (measured) = 0.015 mW/g



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Test Laboratory: Motorola - Wi-Fi 5785 with Accessory

DUT: TA0140008Z; FCC ID: IHDP56LS2

Procedure Notes: Pwr Step: N/A; Antenna Position: Internal; Battery Model #: SNN5893A

Accessory Model: SJYN7037A (S/N AC023B66D)

Device Position: Body Worn, Bottom Surface of Accessory with DUT attached, 0 mm from Phantom

Device Mode: 802.11a mode, 6 Mbps data rate

Communication System: 5785MHz Band; Frequency: 5765 MHz; Channel Number: 153; Duty Cycle: 1:1

Medium: 5-6 GHz SPEAG Tissue BODY

Medium parameters used: $f = 5785$ MHz; $\sigma = 6.78$ mho/m; $\epsilon_r = 45.1$; $\rho = 1000$ kg/m³

DASY4 Configuration:

- Probe: EX3DV4 - SN3730; ConvF(3.53, 3.53, 3.53); Calibrated: 7/16/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn440; Calibrated: 11/11/2010
- Phantom: R#3 5Ghz BODY SAM (extended range), Rev.1 (25-Mar-05); Type: SAM v4.0; Serial: TP-1106;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

SAM DUT Against Flat Section/Area Scan - Normal Body (10mm) (31x8x1):

Measurement grid: dx=10mm, dy=10mm; Maximum value of SAR (measured) = 0.033 mW/g

SAM DUT Against Flat Section/7x7x12 Zoom Scan (5-6GHz) (7x7x6)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.17 V/m; Power Drift = -0.364 dB; Peak SAR (extrapolated) = 0.032 W/kg

SAR(1 g) = 0.00317 mW/g; SAR(10 g) = 0.000803 mW/g;

Maximum value of SAR (measured) = 0.034 mW/g

