

Dipole Verification Plots

DUT: Dipole 835 MHz D835V2; Type: D835V2; Serial: D835V2 - SN:4d163

Communication System: CW; Frequency: 835MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 41.745$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.02, 10.02, 10.02); Calibrated: 12/3/2013;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 11/22/2013

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

Measurement SW: DASY52, Version 52.8 (8)

Test date: November. 7, 2014; Ambient Temp: 23.6; Tissue Temp: 22.9

835 MHz System Verification

Area Scan (5x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 3.13 W/kg

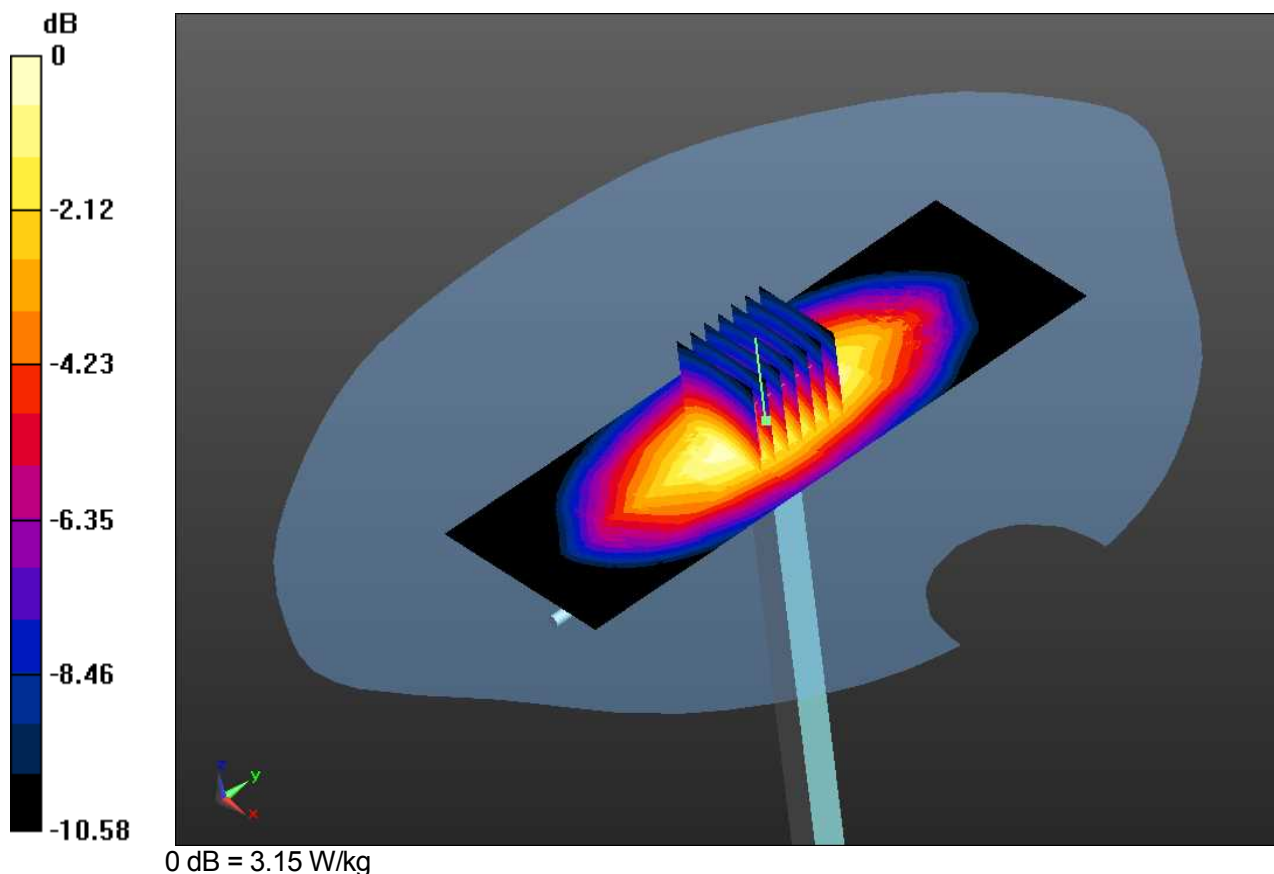
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 60.59 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.15 W/kg

SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.63 W/kg

Maximum value of SAR (measured) = 3.15 W/kg



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 Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799
 Measurement SW: DASY52, Version 52.8 (8)

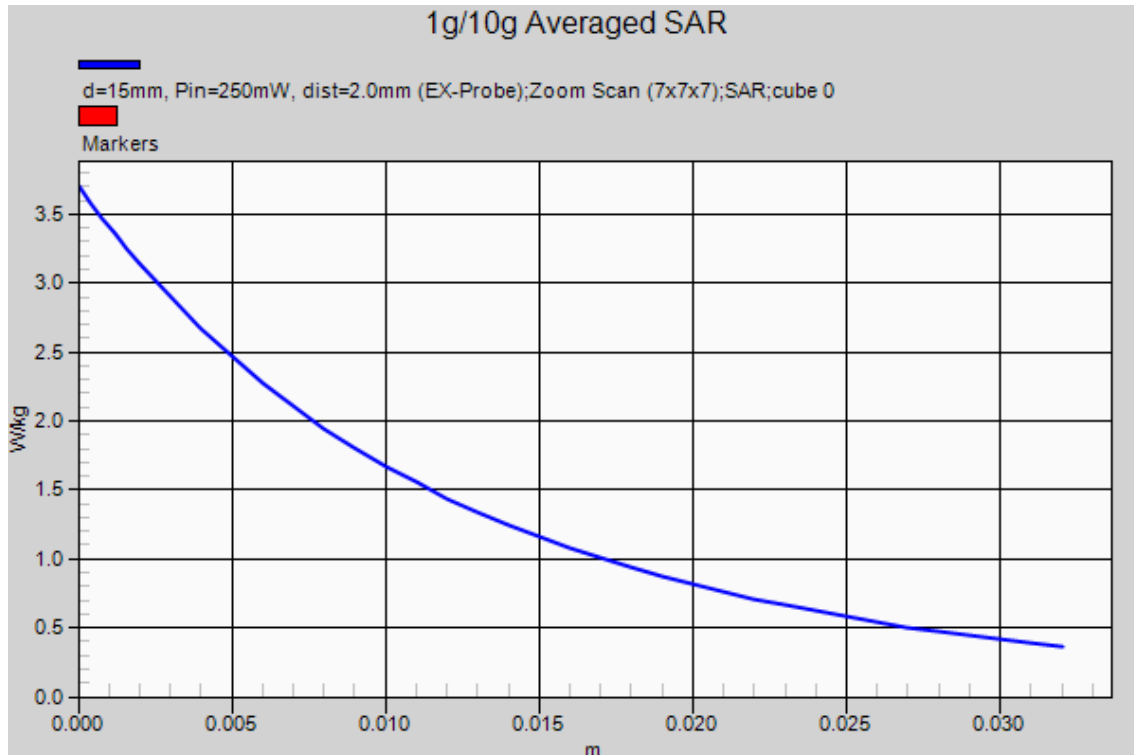
Test date: November. 7, 2014; Ambient Temp: 23.6; Tissue Temp: 22.9

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Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
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DUT: Dipole 835 MHz D835V2; Type: D835V2; Serial: D835V2 - SN:4d163

Communication System: CW; Frequency: 835MHz
 Medium parameters used: $f = 835$ MHz; $\sigma = 1.021$ S/m; $\epsilon_r = 54.406$; $\rho = 1000$ kg/m³
 Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(9.78, 9.78, 9.78); Calibrated: 12/3/2013;
 Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
 Electronics: DAE4 Sn1409; Calibrated: 11/22/2013
 Phantom: ELI v5.0 (20deg probe tilt) TP;1230; Type: QDOVA002AA; Serial: TP:1230
 Measurement SW: DASY52, Version 52.8 (8)

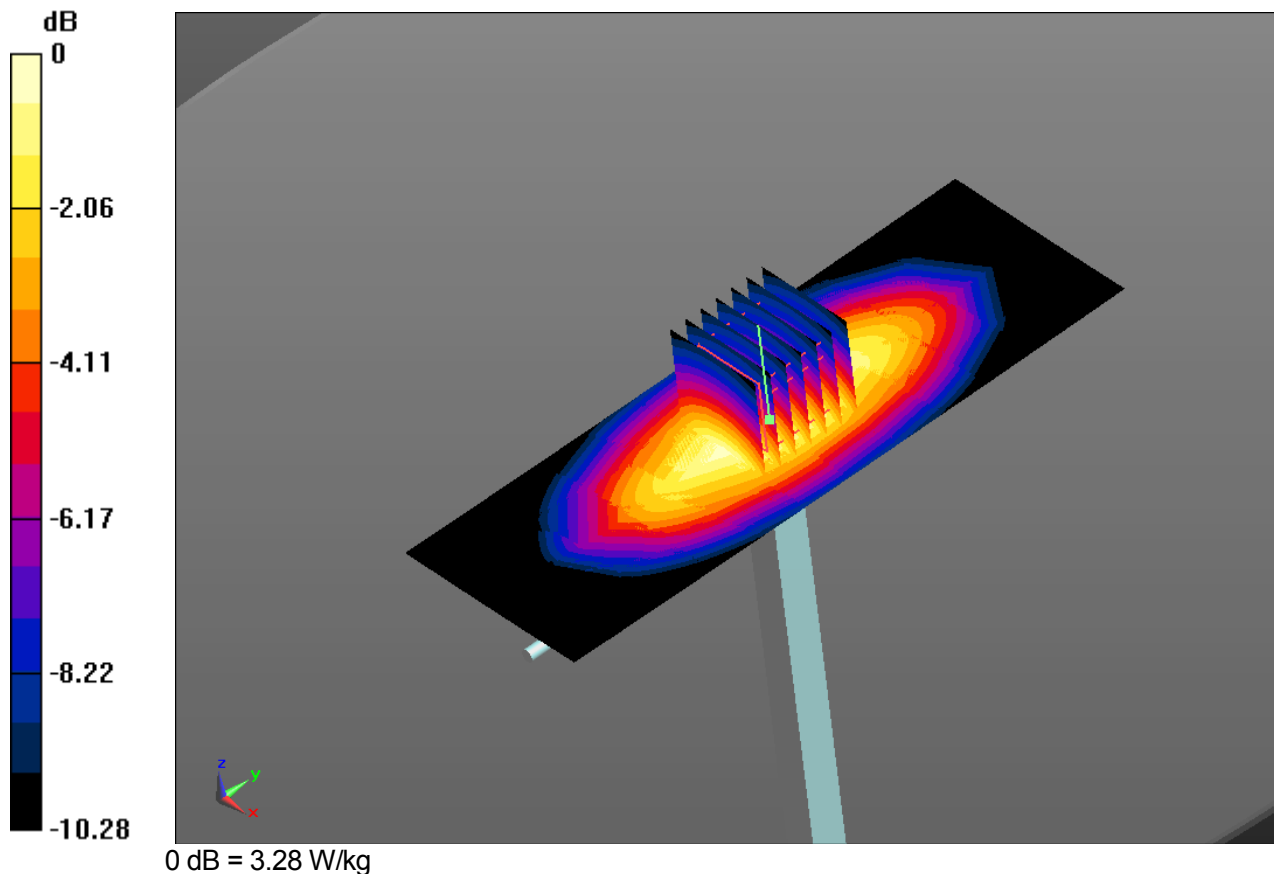
Test date: November. 7, 2014; Ambient Temp: 23.6; Tissue Temp: 22.9

835 MHz System Verification

Area Scan (5x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 3.32 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 58.36 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 3.88 W/kg

SAR(1 g) = 2.59 W/kg; SAR(10 g) = 1.71 W/kg
 Maximum value of SAR (measured) = 3.28 W/kg



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Communication System: CW; Frequency: 835MHz
 Medium parameters used: $f = 835$ MHz; $\sigma = 1.021$ S/m; $\epsilon_r = 54.406$; $\rho = 1000$ kg/m³
 Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(9.78, 9.78, 9.78); Calibrated: 12/3/2013;
 Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
 Electronics: DAE4 Sn1409; Calibrated: 11/22/2013
 Phantom: ELI v5.0 (20deg probe tilt) TP;1230; Type: QDOVA002AA; Serial: TP:1230
 Measurement SW: DASY52, Version 52.8 (8)

Test date: November. 7, 2014; Ambient Temp: 23.6; Tissue Temp: 22.9

835 MHz System Verification

Area Scan (5x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
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Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 58.36 V/m; Power Drift = -0.05 dB
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