

Test Date: 26 September 2005

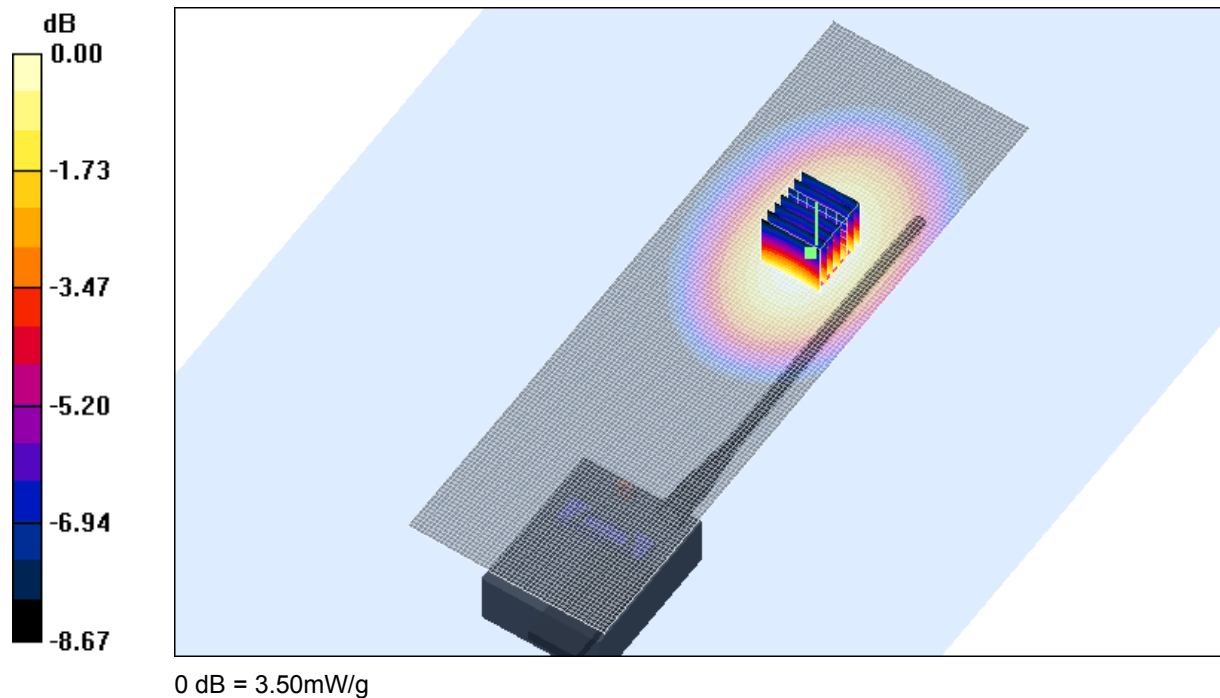
File Name: [TPA-AA-204 SPK MIC Battery \(TPA-BA-203\) 810 MHz Face Frontal \(DAE442 Probe1377\) 26-09-05.da4](#)

DUT: Tait 810 MHz Handheld Transceiver; Type: TPA-AA-204, Antenna TPA-AN-023; Serial: **Not Specified**

- * Communication System: CW 810 MHz; Frequency: 762 MHz; Duty Cycle: 1:1
- * Medium parameters used: $\sigma = 0.877582$ mho/m, $\epsilon_r = 42.0414$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(6.25, 6.25, 6.25)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 1 Test/Area Scan (51x161x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 3.59 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 64.5 V/m; Power Drift = -0.293 dB
Peak SAR (extrapolated) = 4.96 W/kg
SAR(1 g) = 3.33 mW/g; SAR(10 g) = 2.35 mW/g
Maximum value of SAR (measured) = 3.50 mW/g



SAR MEASUREMENT PLOT 7

Ambient Temperature
Liquid Temperature
Humidity

20.0 Degrees Celsius
19.6 Degrees Celsius
48.0 %



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DUT: Tait 810 MHz Handheld Transceiver; Type: TPA-AA-204, Antenna TPA-AN-023; Serial: **Not Specified**

* Communication System: CW 810 MHz; Frequency: 825 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 0.939961$ mho/m, $\epsilon_r = 41.1913$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(6.07, 6.07, 6.07)

- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 5 Test/Area Scan (51x161x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 4.75 mW/g

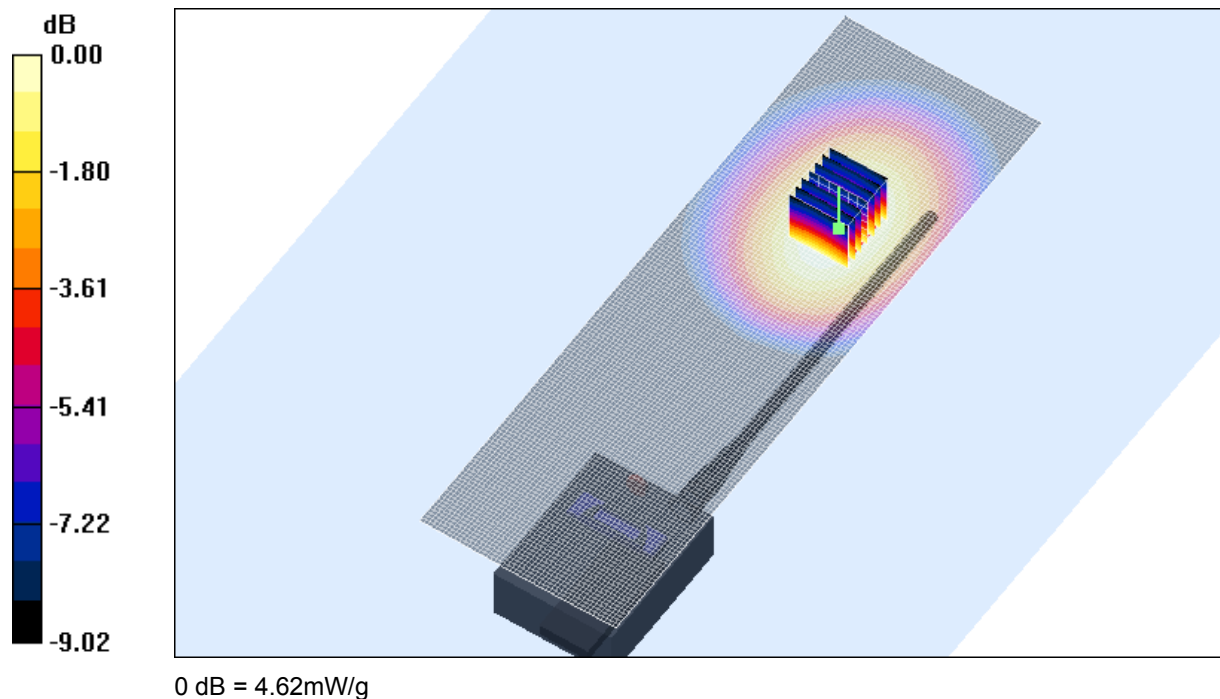
Channel 5 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 68.4 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 6.59 W/kg

SAR(1 g) = 4.39 mW/g; SAR(10 g) = 3.07 mW/g

Maximum value of SAR (measured) = 4.62 mW/g



SAR MEASUREMENT PLOT 8

Ambient Temperature
Liquid Temperature
Humidity

20.0 Degrees Celsius
19.6 Degrees Celsius
48.0 %

Test Date: 26 September 2005

File Name: [TPA-AA-204 SPK MIC Battery \(TPA-BA-203\) 810 MHz Face Frontal \(DAE442 Probe1377\) 26-09-05.da4](#)

DUT: Tait 810 MHz Handheld Transceiver; Type: TPA-AA-204, Antenna TPA-AN-023; Serial: **Not Specified**

* Communication System: CW 810 MHz; Frequency: 870 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 0.981205$ mho/m, $\epsilon_r = 40.6567$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(6.07, 6.07, 6.07)

- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 7 Test/Area Scan (51x161x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 3.91 mW/g

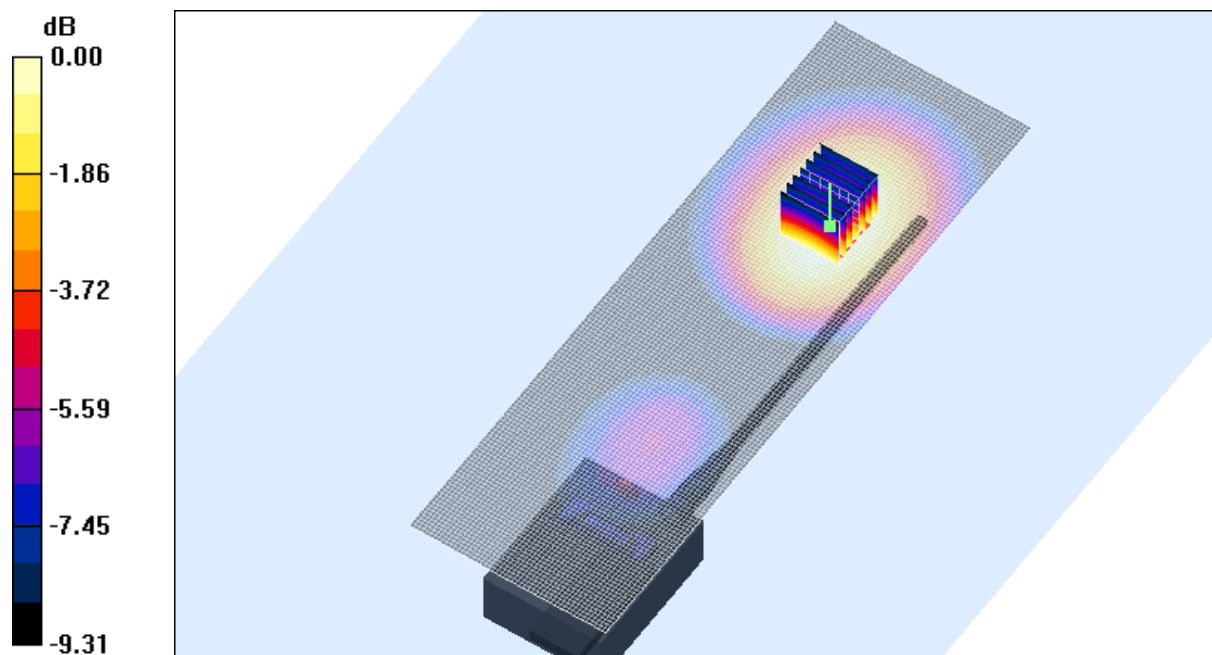
Channel 7 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.7 V/m; Power Drift = -0.370 dB

Peak SAR (extrapolated) = 4.73 W/kg

SAR(1 g) = 3.55 mW/g; SAR(10 g) = 2.52 mW/g

Maximum value of SAR (measured) = 3.77 mW/g



0 dB = 3.77mW/g

SAR MEASUREMENT PLOT 9

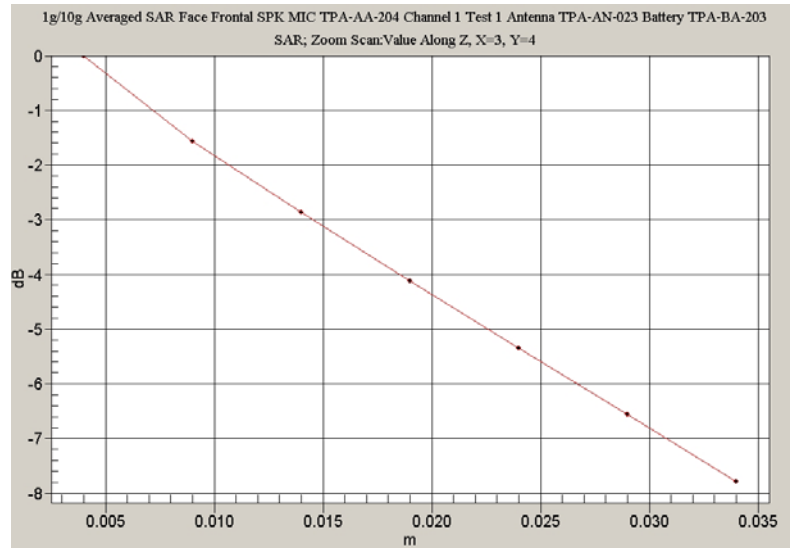
Ambient Temperature
Liquid Temperature
Humidity

20.0 Degrees Celsius
19.6 Degrees Celsius
48.0 %

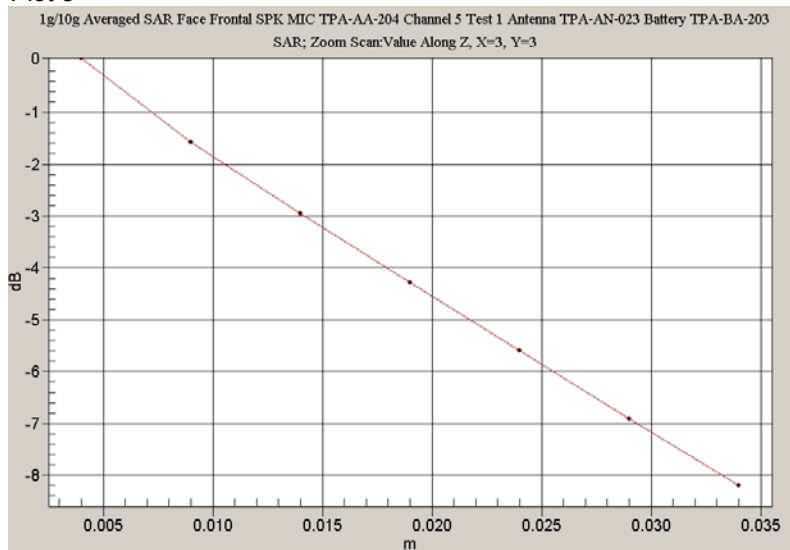


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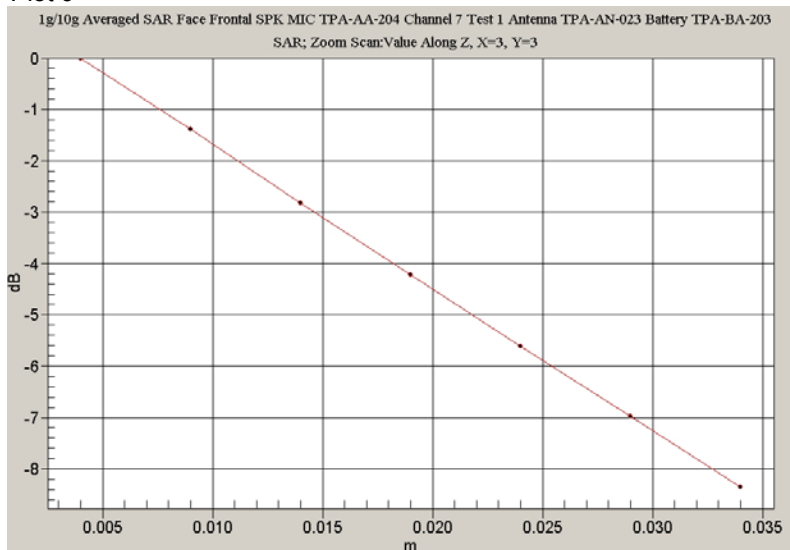
Z-Axis scan for Plot 7



Z-Axis scan for Plot 8



Z-Axis scan for Plot 9



Test Date: 26 September 2005

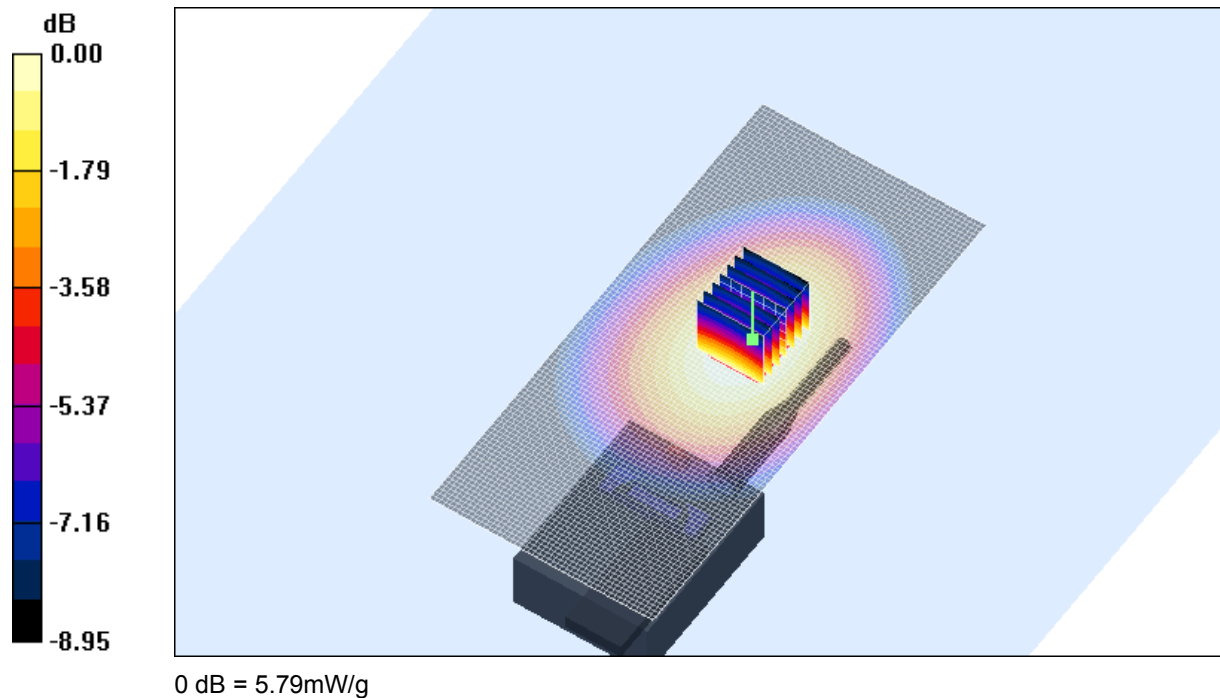
File Name: [TPA-AA-204 SPK MIC Battery \(TPA-BA-203\) 810 MHz Face Frontal Antenna MINI \(DAE442 Probe1377\) 26-09-05.da4](#)

DUT: Tait 810 MHz Handheld Transceiver; Type: TPA-AA-204, Antenna TPA-AN-021; Serial: **Not Specified**

- * Communication System: CW 810 MHz; Frequency: 762 MHz; Duty Cycle: 1:1
- * Medium parameters used: $\sigma = 0.877582$ mho/m, $\epsilon_r = 42.0414$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(6.25, 6.25, 6.25)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 1 Test/Area Scan (51x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 5.96 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 67.2 V/m; Power Drift = -0.231 dB
Peak SAR (extrapolated) = 8.32 W/kg
SAR(1 g) = 5.51 mW/g; SAR(10 g) = 3.87 mW/g
Maximum value of SAR (measured) = 5.79 mW/g



SAR MEASUREMENT PLOT 10

Ambient Temperature
Liquid Temperature
Humidity

20.0 Degrees Celsius
19.6 Degrees Celsius
48.0 %



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Test Date: 26 September 2005

File Name: [TPA-AA-204 SPK MIC Battery \(TPA-BA-203\) 810 MHz Face Frontal Antenna MINI \(DAE442 Probe1377\) 26-09-05.da4](#)

DUT: Tait 810 MHz Handheld Transceiver; Type: TPA-AA-204, Antenna TPA-AN-021; Serial: **Not Specified**

* Communication System: CW 810 MHz; Frequency: 825 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 0.939961$ mho/m, $\epsilon_r = 41.1913$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(6.07, 6.07, 6.07)

- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 5 Test/Area Scan (51x111x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.77 mW/g

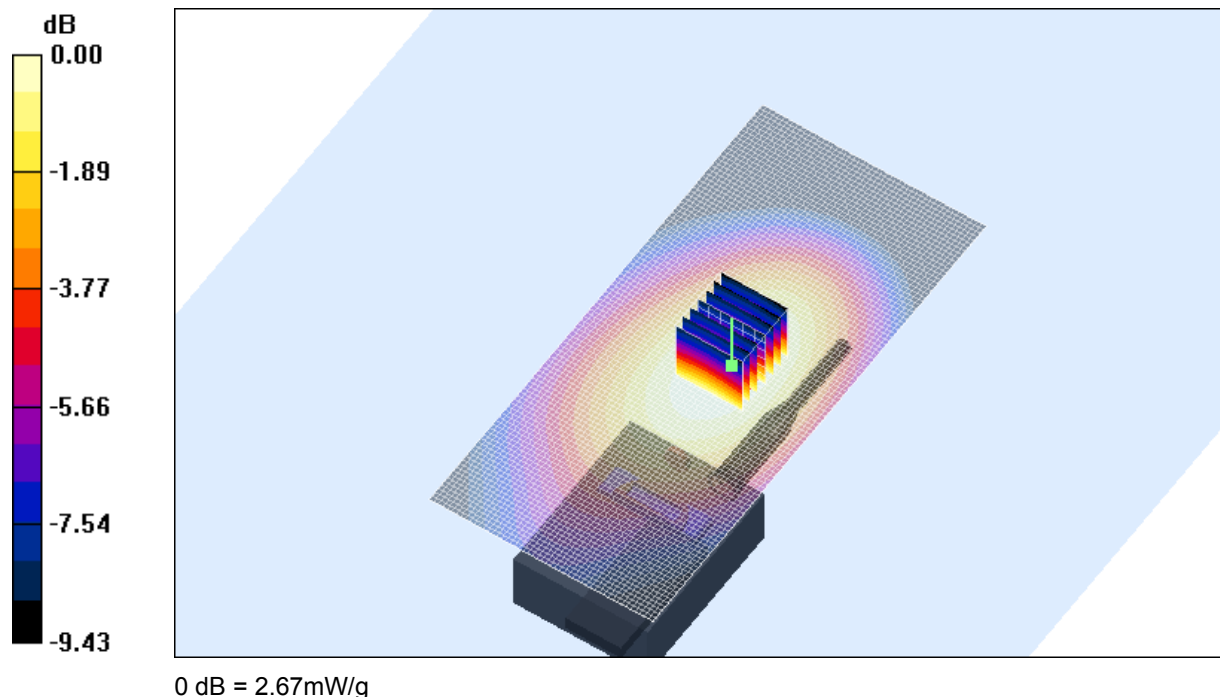
Channel 5 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 39.1 V/m; Power Drift = -0.276 dB

Peak SAR (extrapolated) = 3.89 W/kg

SAR(1 g) = 2.54 mW/g; SAR(10 g) = 1.76 mW/g

Maximum value of SAR (measured) = 2.67 mW/g



SAR MEASUREMENT PLOT 11

Ambient Temperature
Liquid Temperature
Humidity

20.0 Degrees Celsius
19.6 Degrees Celsius
48.0 %



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Test Date: 26 September 2005

File Name: [TPA-AA-204 SPK MIC Battery \(TPA-BA-203\) 810 MHz Face Frontal Antenna MINI \(DAE442 Probe1377\) 26-09-05.da4](#)

DUT: Tait 810 MHz Handheld Transceiver; Type: TPA-AA-204, Antenna TPA-AN-021; Serial: **Not Specified**

* Communication System: CW 810 MHz; Frequency: 870 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 0.981205$ mho/m, $\epsilon_r = 40.6567$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(6.07, 6.07, 6.07)

- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 7 Test/Area Scan (51x111x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.68 mW/g

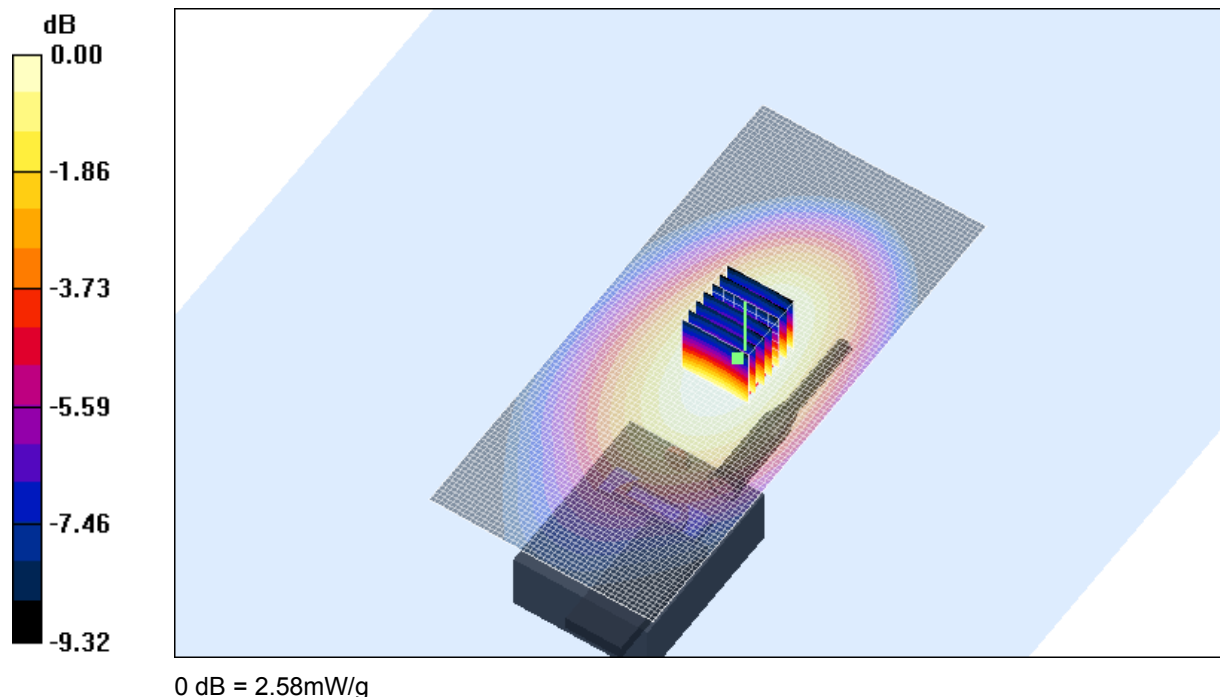
Channel 7 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 44.7 V/m; Power Drift = -0.329 dB

Peak SAR (extrapolated) = 3.31 W/kg

SAR(1 g) = 2.43 mW/g; SAR(10 g) = 1.72 mW/g

Maximum value of SAR (measured) = 2.58 mW/g



SAR MEASUREMENT PLOT 12

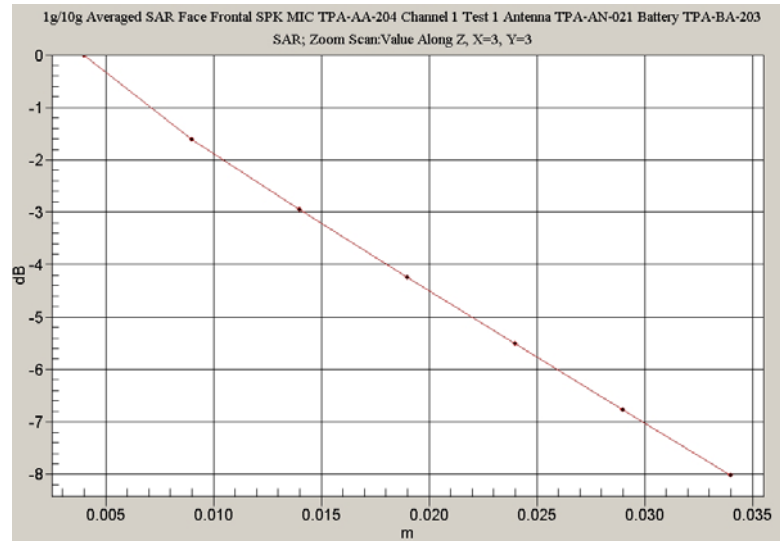
Ambient Temperature
Liquid Temperature
Humidity

20.0 Degrees Celsius
19.6 Degrees Celsius
48.0 %

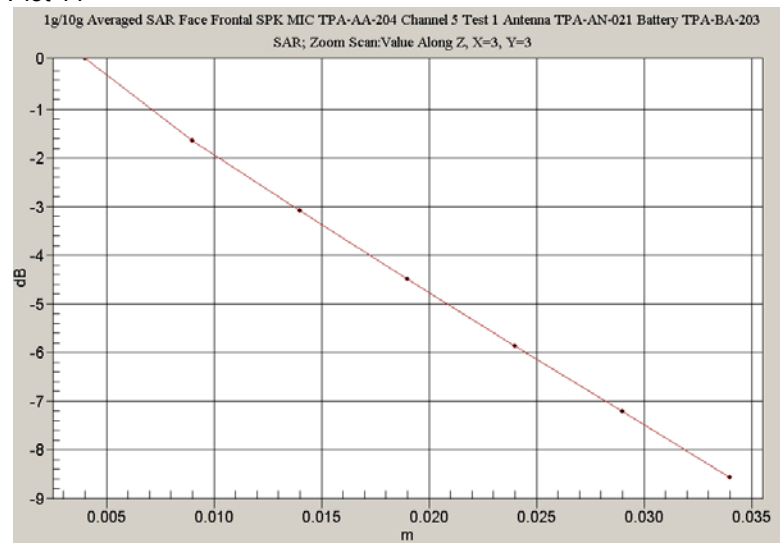


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Z-Axis scan for Plot 10



Z-Axis scan for Plot 11



Z-Axis scan for Plot 12

