

CDMA 800 Channel 1013 Bluetooth Off

Date: 9/21/2009

Communication System: CDMA_Triband, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: Air_1, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

Temperature: Room T = 21.8̄ 1 deg C, Liquid T = 22.0̄ 1 deg C

CELL_1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 73.5 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 99.8 V/m; Power Drift = -0.101 dB

Peak E-field in V/m

Grid 1 69.7 M4	Grid 2 71.9 M4	Grid 3 65.4 M4
Grid 4 70.9 M4	Grid 5 73.5 M4	Grid 6 67.5 M4
Grid 7 68.3 M4	Grid 8 70.6 M4	Grid 9 64.9 M4

CELL_1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.102 A/m

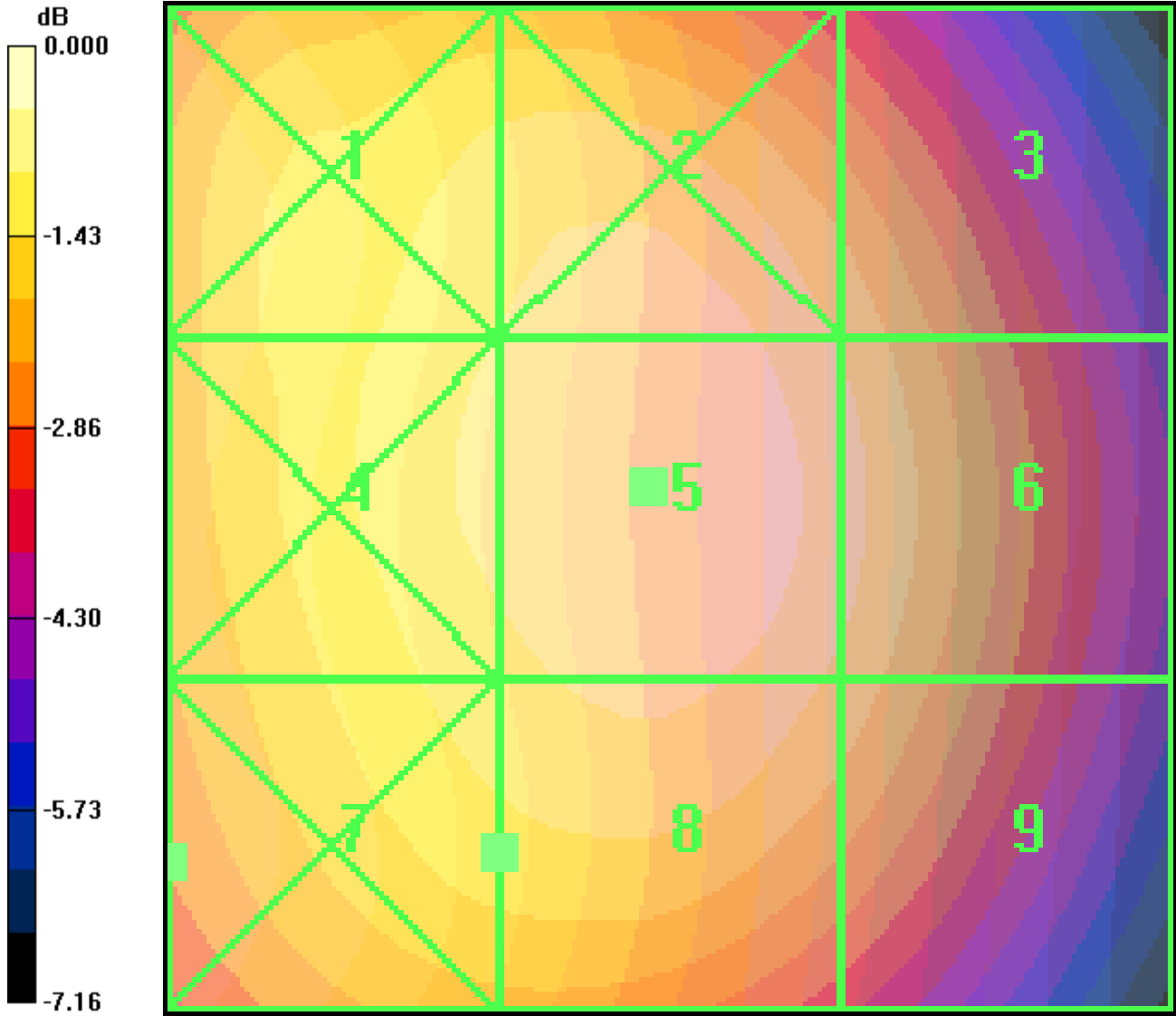
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.077 A/m; Power Drift = -0.128 dB

Peak H-field in A/m

Grid 1 0.149 M4	Grid 2 0.101 M4	Grid 3 0.056 M4
Grid 4 0.146 M4	Grid 5 0.099 M4	Grid 6 0.057 M4
Grid 7 0.149 M4	Grid 8 0.102 M4	Grid 9 0.056 M4



0 dB = 73.5V/m

CDMA 800 Channel 383 Bluetooth Off

Date: 9/21/2009

Communication System: CDMA_Triband, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: Air_1, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

Temperature: Room T = 21.8̄ 1 deg C, Liquid T = 22.0̄ 1 deg C

CELL_383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 93.2 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 132.0 V/m; Power Drift = -0.121 dB

Peak E-field in V/m

Grid 1 88.6 M4	Grid 2 91.9 M4	Grid 3 85.0 M4
Grid 4 89.5 M4	Grid 5 93.2 M4	Grid 6 87.3 M4
Grid 7 85.6 M4	Grid 8 89.1 M4	Grid 9 83.3 M4

CELL_383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.122 A/m

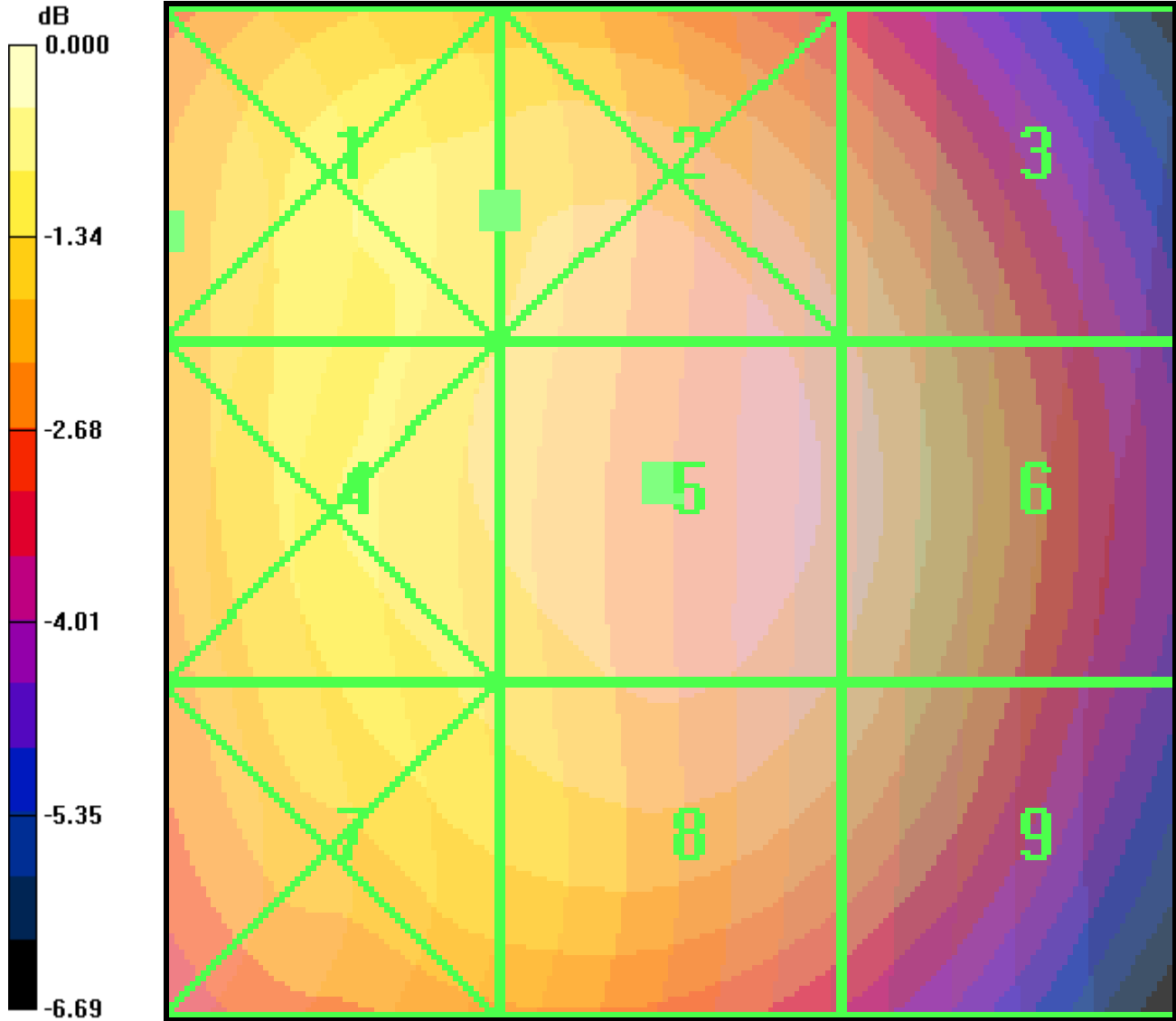
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.093 A/m; Power Drift = -0.029 dB

Peak H-field in A/m

Grid 1 0.180 M4	Grid 2 0.122 M4	Grid 3 0.069 M4
Grid 4 0.176 M4	Grid 5 0.119 M4	Grid 6 0.069 M4
Grid 7 0.180 M4	Grid 8 0.122 M4	Grid 9 0.067 M4



0 dB = 93.2V/m

CDMA 800 Channel 777 Bluetooth Off

Date: 9/21/200

Communication System: CDMA_Triband, Frequency: 848.31 MHz, Duty Cycle: 1:1
Medium: Air_1, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

Temperature: Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C

CELL_777/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 94.0 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 124.4 V/m; Power Drift = -0.111 dB

Peak E-field in V/m

Grid 1 85.4 M4	Grid 2 92.2 M4	Grid 3 86.4 M4
Grid 4 86.7 M4	Grid 5 94.0 M4	Grid 6 89.1 M4
Grid 7 84.6 M4	Grid 8 90.2 M4	Grid 9 85.8 M4

CELL_777/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.133 A/m

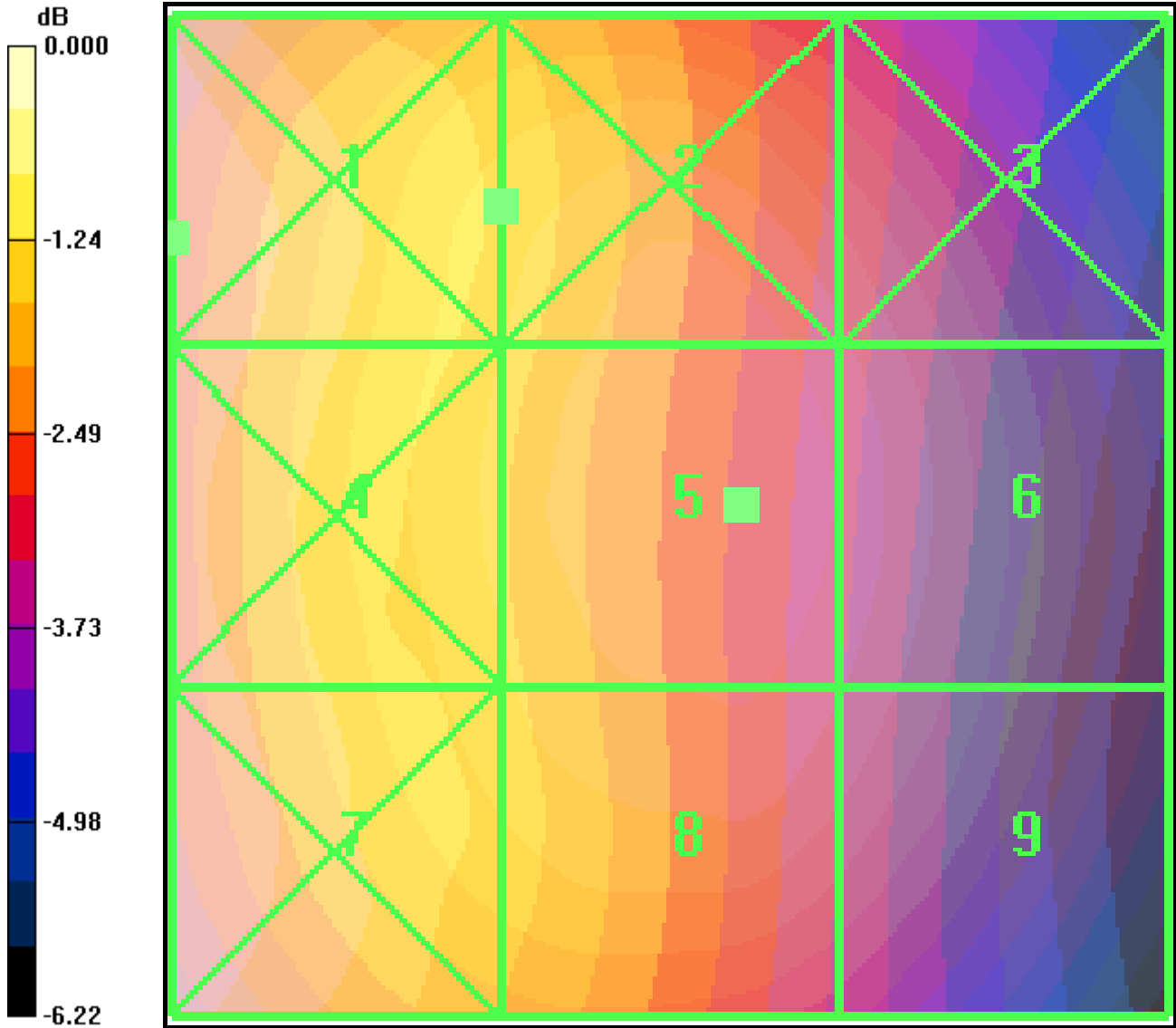
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.101 A/m; Power Drift = -0.103 dB

Peak H-field in A/m

Grid 1 0.187 M4	Grid 2 0.133 M4	Grid 3 0.078 M4
Grid 4 0.182 M4	Grid 5 0.128 M4	Grid 6 0.075 M4
Grid 7 0.185 M4	Grid 8 0.130 M4	Grid 9 0.072 M4



CDMA 800 Channel 777 360 degrees

Date: 9/21/2009

Communication System: CDMA_Triband, Frequency: 848.31 MHz, Duty Cycle: 1:1
Medium: Air_1, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

Temperature: Room T = 21.8 °C, Liquid T = 22.0 °C

CELL_777 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 101.2 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 137.7 V/m; Power Drift = -0.090 dB

Peak E-field in V/m

Grid 1 93.4 M4	Grid 2 99.4 M4	Grid 3 94.1 M4
Grid 4 94.3 M4	Grid 5 101.2 M4	Grid 6 96.3 M4
Grid 7 90.9 M4	Grid 8 97.4 M4	Grid 9 92.6 M4

CELL_777 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.129 A/m

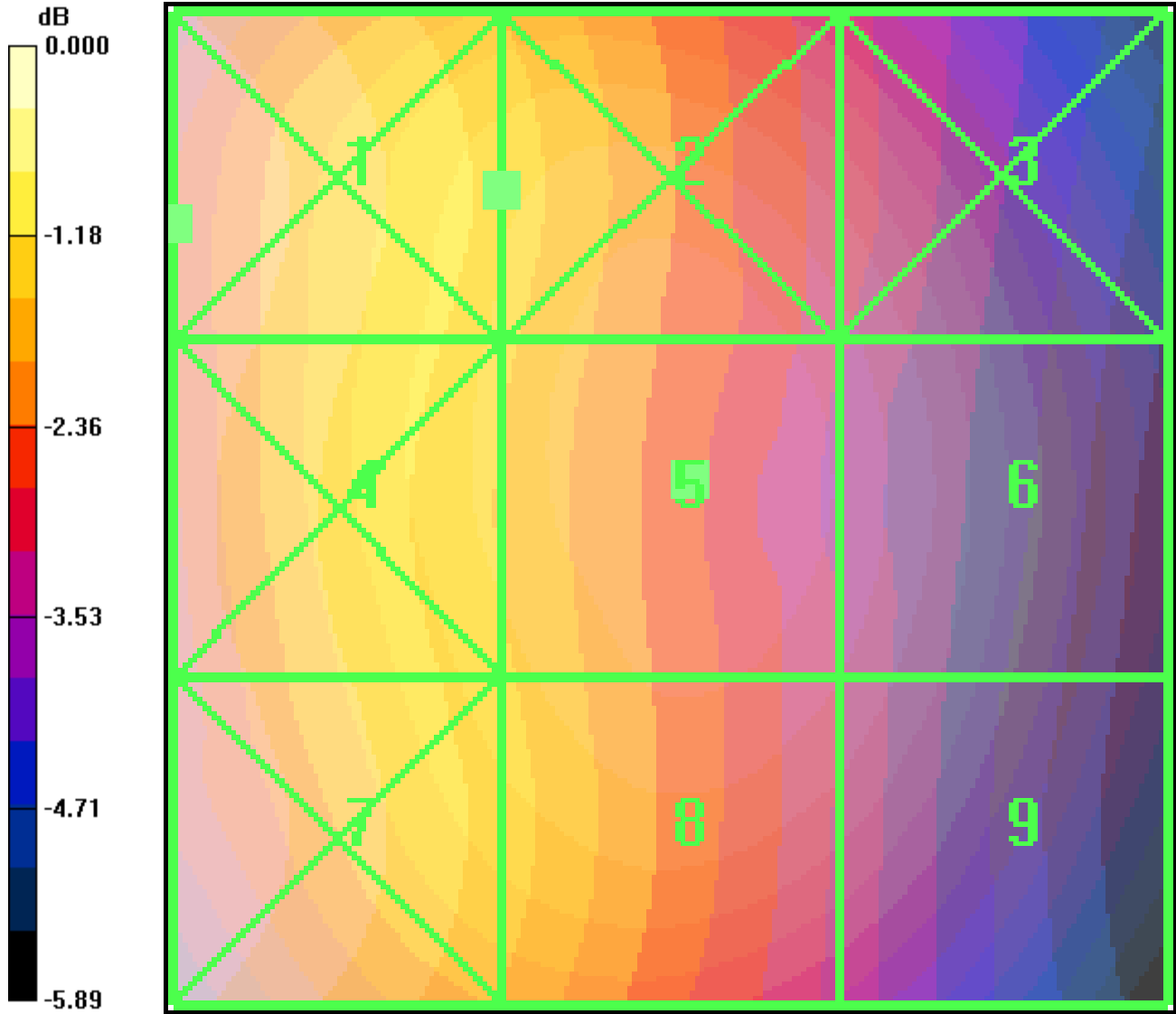
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

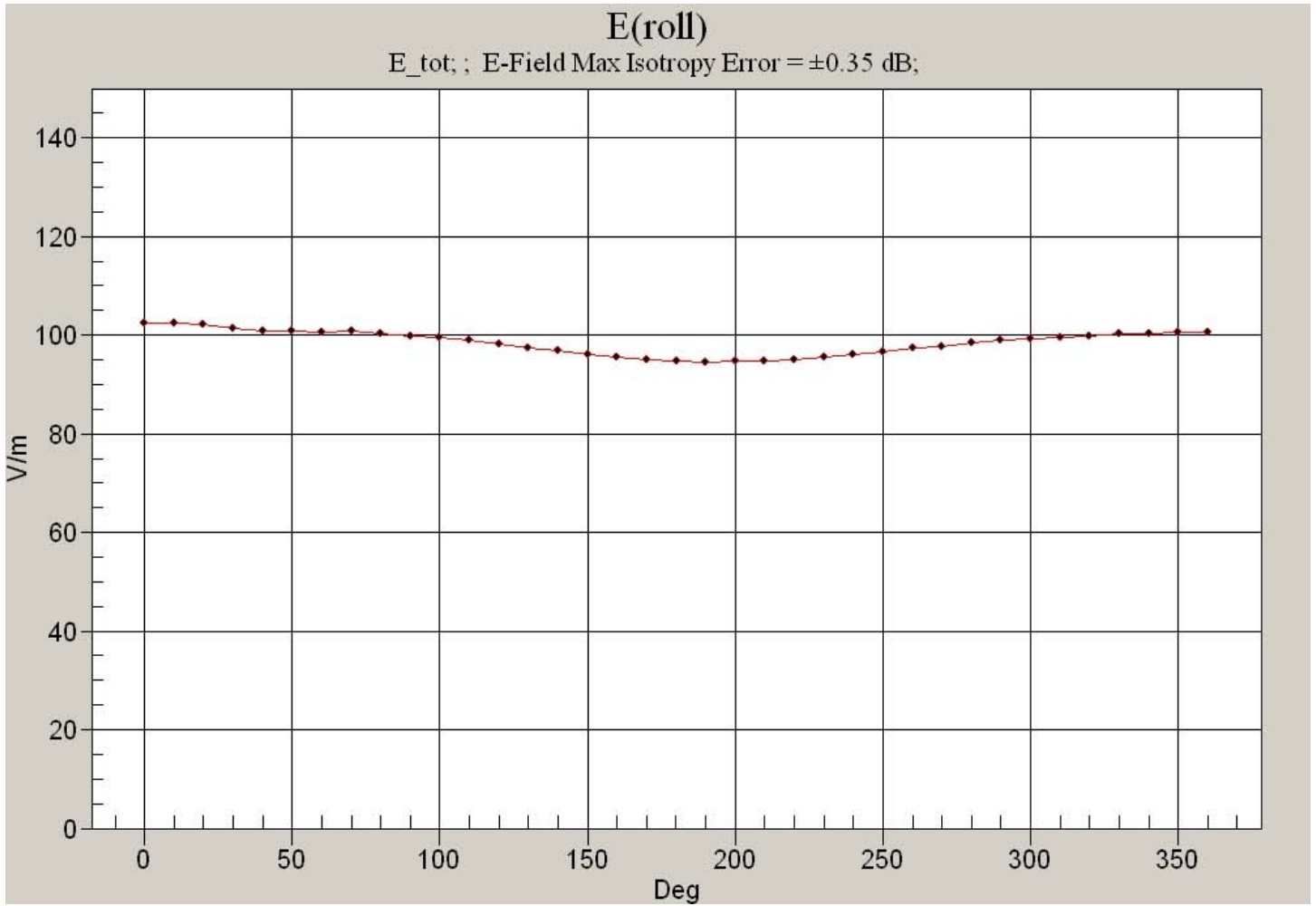
Reference Value = 0.098 A/m; Power Drift = 0.123 dB

Peak H-field in A/m

Grid 1 0.184 M4	Grid 2 0.129 M4	Grid 3 0.077 M4
Grid 4 0.179 M4	Grid 5 0.125 M4	Grid 6 0.074 M4
Grid 7 0.183 M4	Grid 8 0.128 M4	Grid 9 0.072 M4



0 dB = 101.2V/m



CDMA 800 Channel 777 Bluetooth On

Date: 9/21/2009

Communication System: CDMA_Triband, Frequency: 848.31 MHz, Duty Cycle: 1:1
Medium: Air_1, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

Temperature: Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C

CELL_777_BT ON/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 101.8 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 138.3 V/m; Power Drift = -0.076 dB

Peak E-field in V/m

Grid 1 94.6 M4	Grid 2 99.8 M4	Grid 3 94.3 M4
Grid 4 95.4 M4	Grid 5 101.8 M4	Grid 6 96.6 M4
Grid 7 91.7 M4	Grid 8 98.3 M4	Grid 9 93.0 M4

CELL_777_BTooth ON/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.129 A/m

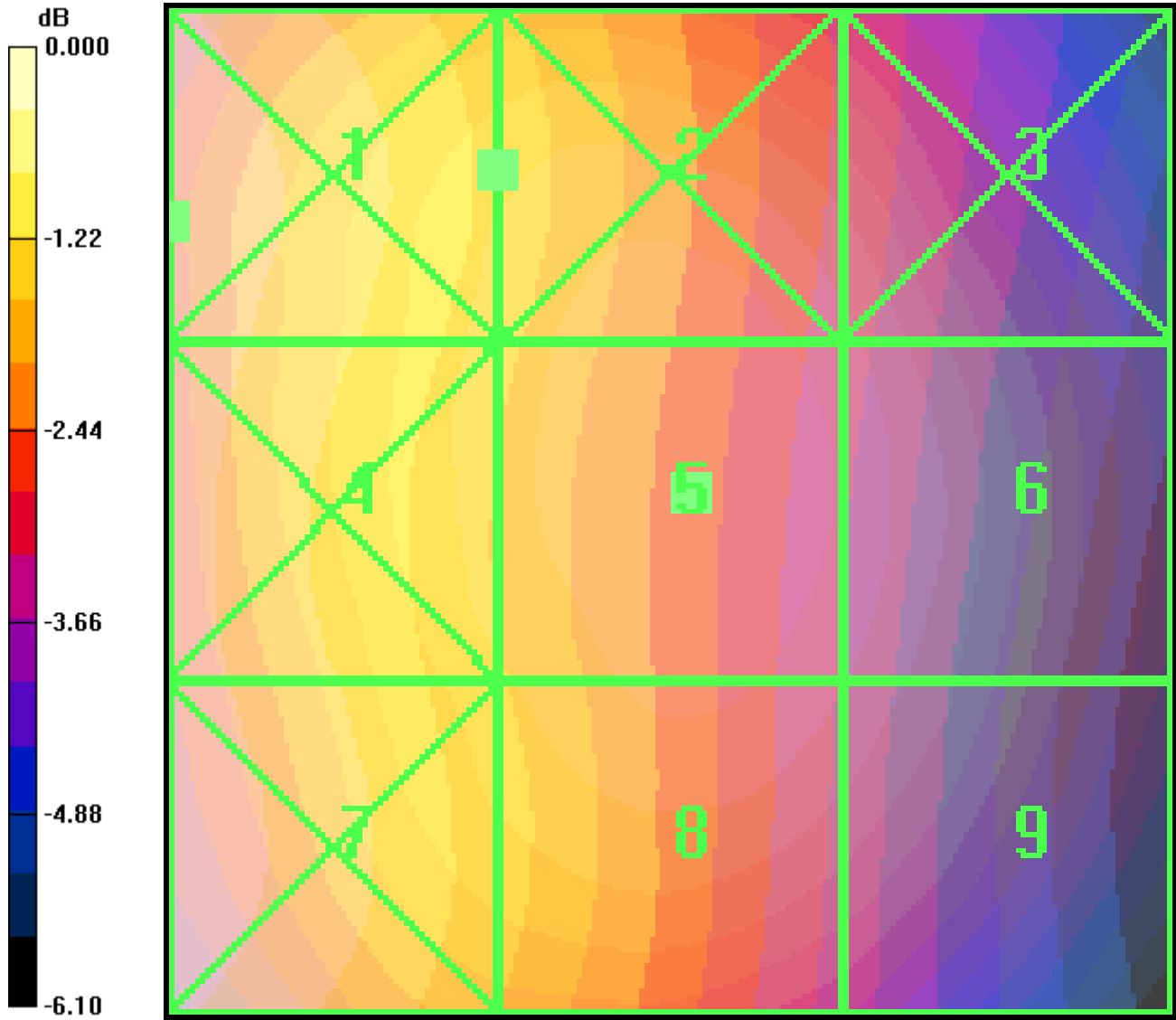
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.099 A/m; Power Drift = -0.238 dB

Peak H-field in A/m

Grid 1 0.187 M4	Grid 2 0.129 M4	Grid 3 0.075 M4
Grid 4 0.184 M4	Grid 5 0.124 M4	Grid 6 0.072 M4
Grid 7 0.184 M4	Grid 8 0.125 M4	Grid 9 0.068 M4



0 dB = 101.8V/m

CDMA 1700 Channel 25 Bluetooth Off

Date: 9/21/2009

Communication System: CDMA_Triband, Frequency: 1711.25 MHz, Duty Cycle: 1:1
 Medium: Air_1, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom: HAC Test Arch, Phantom section: RF Section
DASY4 Configuration:
 Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 7/16/2009
 Sensor-Surface: (Fix Surface),
 Electronics: DAE4 Sn530, Calibrated: 3/12/2009
 Measurement SW: DASY4, V4.7 Build 71
 Postprocessing SW: SEMCAD, V1.8 Build 184
 Temperature: Room T = 21.8̄ 1 deg C, Liquid T = 22.0̄ 1 deg C

AWS_25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 46.7 V/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 58.0 V/m; Power Drift = -0.066 dB

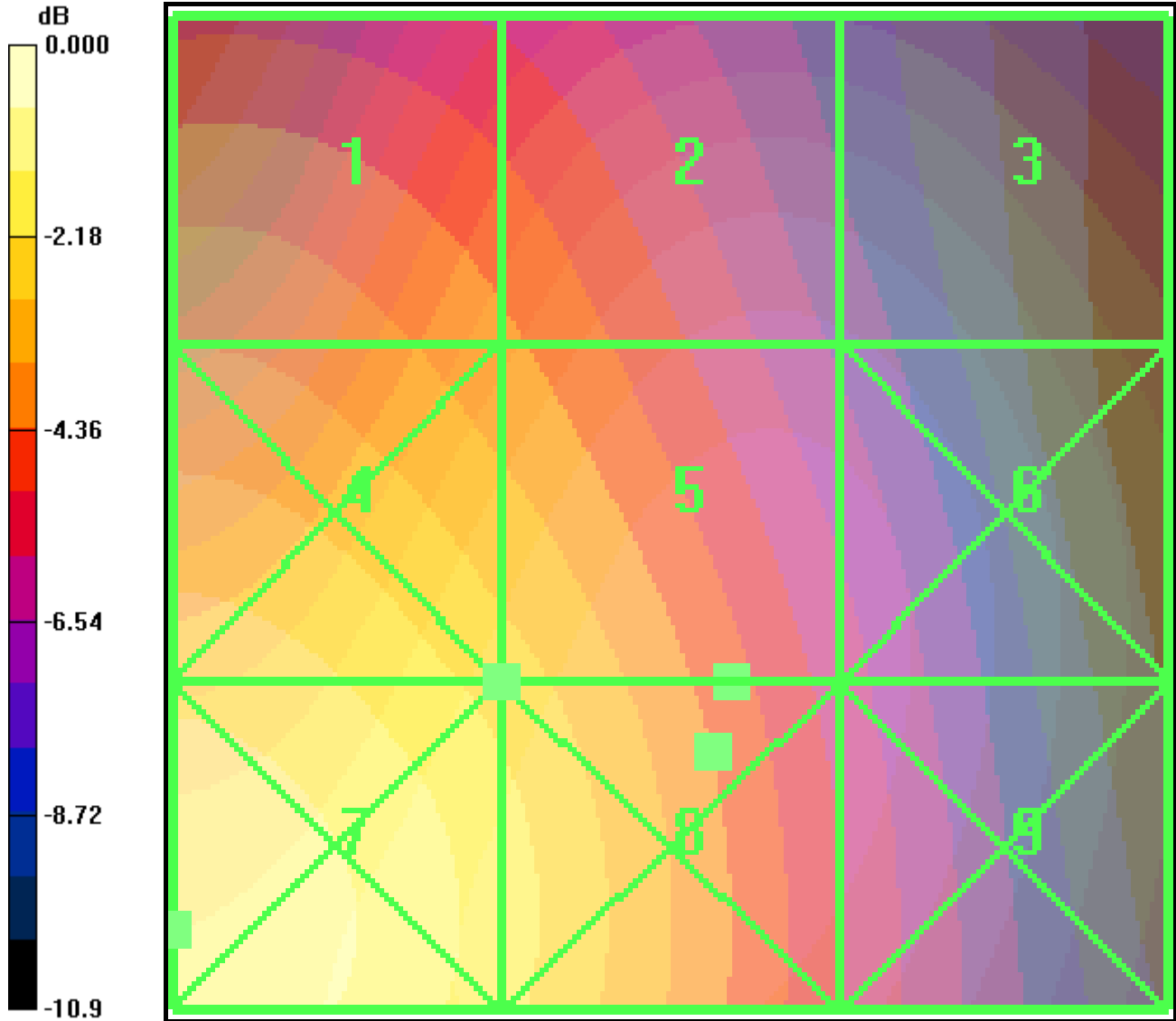
Peak E-field in V/m

Grid 1 32.7 M4	Grid 2 40.7 M4	Grid 3 40.1 M4
Grid 4 41.0 M4	Grid 5 46.7 M4	Grid 6 45.3 M4
Grid 7 44.1 M4	Grid 8 46.9 M4	Grid 9 45.3 M4

AWS_25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.114 A/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 0.092 A/m; Power Drift = 0.113 dB

Peak H-field in A/m

Grid 1 0.108 M4	Grid 2 0.093 M4	Grid 3 0.062 M4
Grid 4 0.139 M4	Grid 5 0.114 M4	Grid 6 0.073 M4
Grid 7 0.156 M4	Grid 8 0.125 M4	Grid 9 0.076 M4



0 dB = 46.9V/m

Date: 9/21/2009

CDMA 1700 Channel 450 Closed Bluetooth Off

Communication System: CDMA_Triband, Frequency: 1732.5 MHz, Duty Cycle: 1:1
 Medium: Air_1, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom: HAC Test Arch, Phantom section: RF Section
DASY4 Configuration:
 Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 7/16/2009
 Sensor-Surface: (Fix Surface),
 Electronics: DAE4 Sn530, Calibrated: 3/12/2009
 Measurement SW: DASY4, V4.7 Build 71
 Postprocessing SW: SEMCAD, V1.8 Build 184
 Temperature: Room T = 21.8̄ 1 deg C, Liquid T = 22.0̄ 1 deg C

AWS_450/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 51.5 V/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 61.5 V/m; Power Drift = -0.072 dB

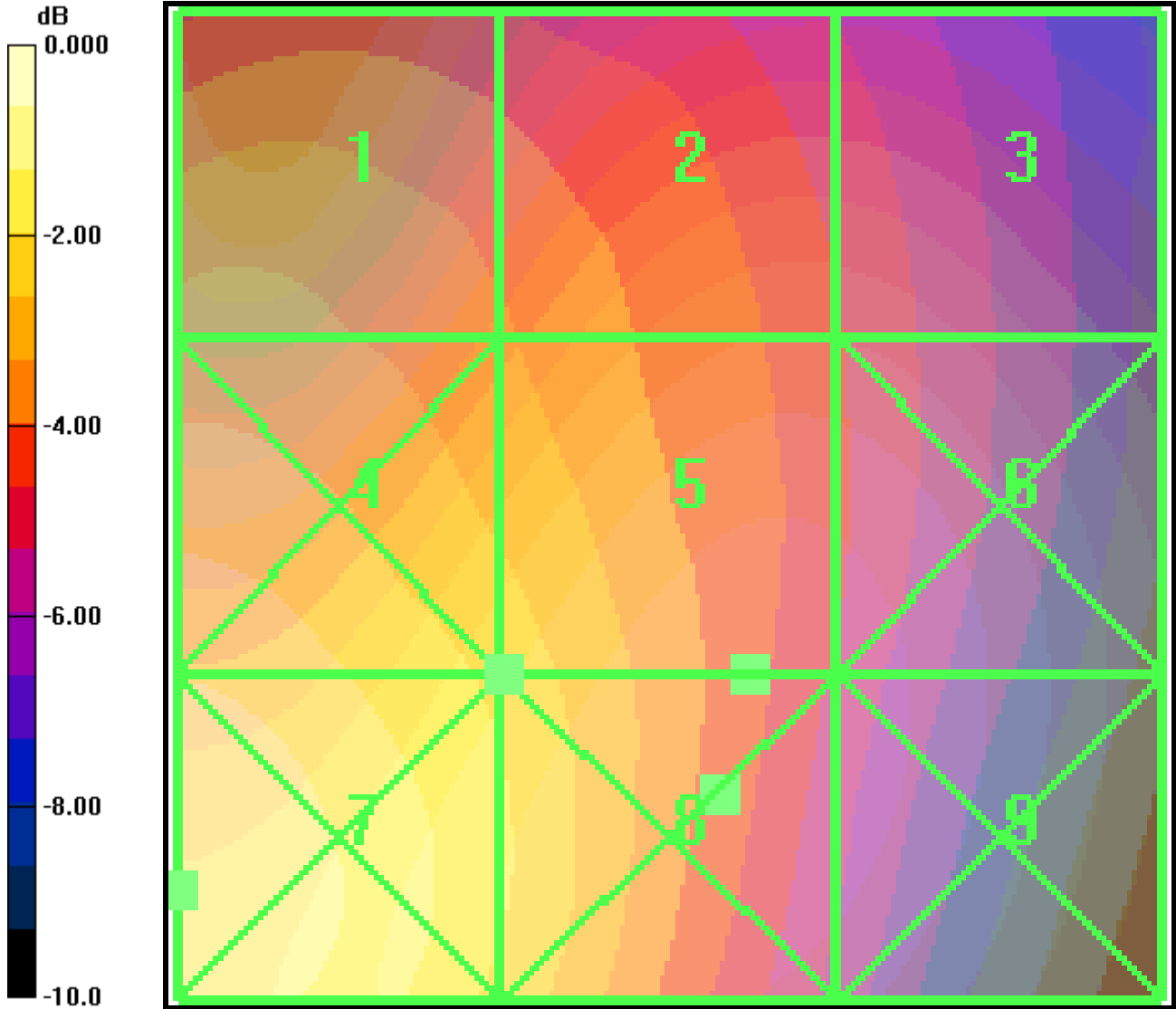
Peak E-field in V/m

Grid 1 31.7 M4	Grid 2 41.7 M4	Grid 3 41.5 M4
Grid 4 44.1 M4	Grid 5 51.5 M4	Grid 6 50.5 M4
Grid 7 48.6 M4	Grid 8 52.2 M4	Grid 9 50.8 M4

AWS_450/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.125 A/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 0.113 A/m; Power Drift = 0.047 dB

Peak H-field in A/m

Grid 1 0.123 M4	Grid 2 0.112 M4	Grid 3 0.090 M4
Grid 4 0.147 M4	Grid 5 0.125 M4	Grid 6 0.090 M4
Grid 7 0.159 M4	Grid 8 0.129 M4	Grid 9 0.088 M4



0 dB = 52.2V/m

CDMA 1700 Channel 875 Bluetooth Off

Date: 9/21/2009

Communication System: CDMA_Triband, Frequency: 1753.75 MHz, Duty Cycle: 1:1

Medium: Air_1, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

Temperature: Room T = 21.8̄ 1 deg C, Liquid T = 22.0̄ 1 deg C

AWS_875/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 48.9 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 59.7 V/m; Power Drift = -0.091 dB

Peak E-field in V/m

Grid 1 33.2 M4	Grid 2 41.1 M4	Grid 3 40.6 M4
Grid 4 42.2 M4	Grid 5 48.9 M4	Grid 6 47.8 M4
Grid 7 44.9 M4	Grid 8 49.0 M4	Grid 9 47.9 M4

AWS_875/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.116 A/m

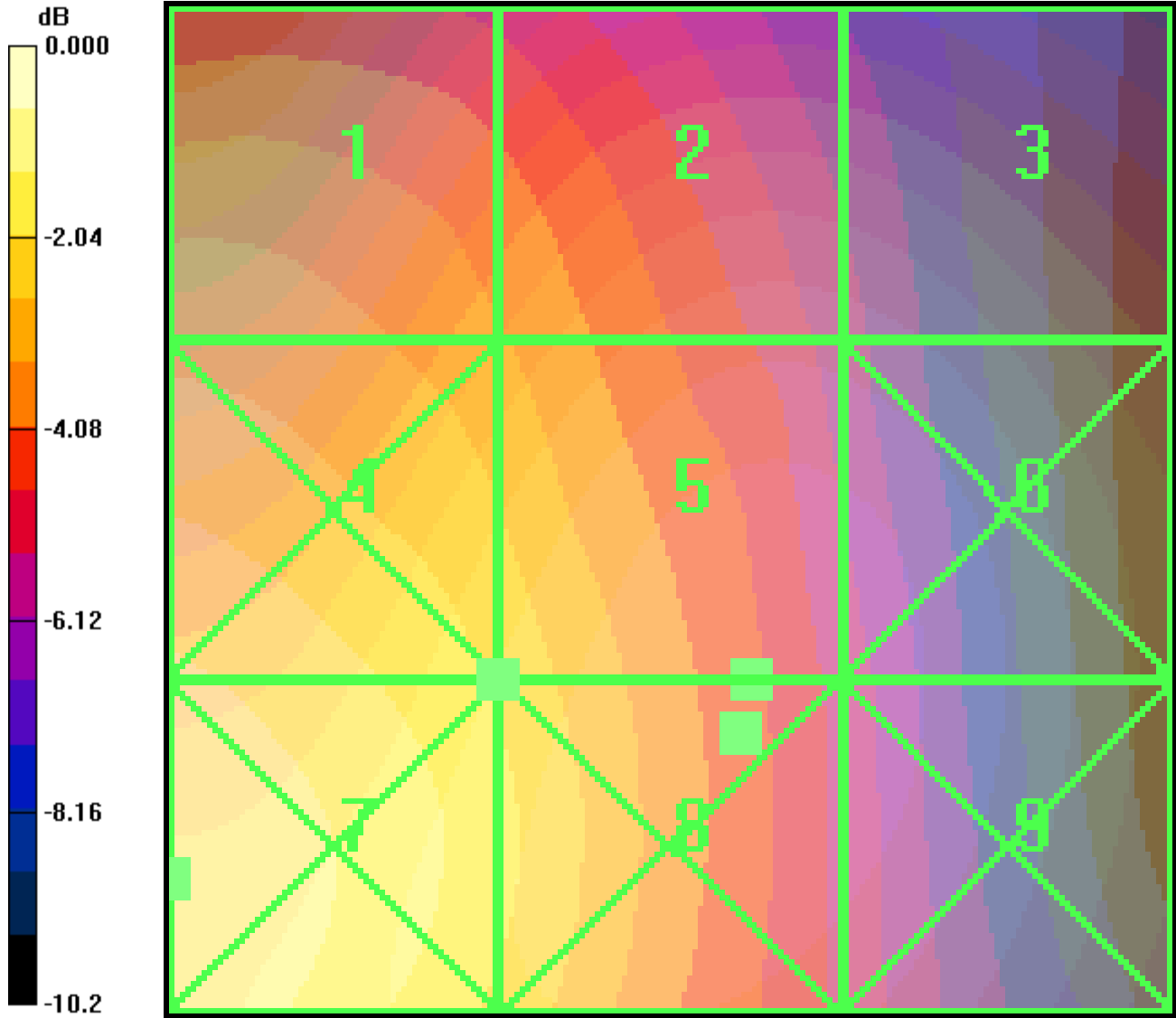
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.099 A/m; Power Drift = -0.003 dB

Peak H-field in A/m

Grid 1 0.115 M4	Grid 2 0.101 M4	Grid 3 0.070 M4
Grid 4 0.141 M4	Grid 5 0.116 M4	Grid 6 0.077 M4
Grid 7 0.150 M4	Grid 8 0.121 M4	Grid 9 0.077 M4



0 dB = 49.0V/m

CDMA 1700 Channel 450 360 degrees

Date: 9/21/2009

Communication System: CDMA_Triband, Frequency: 1732.5 MHz, Duty Cycle: 1:1

Medium: Air_1, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

Temperature: Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C

AWS_450 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 52.0 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 62.1 V/m; Power Drift = -0.195 dB

Peak E-field in V/m

Grid 1 30.9 M4	Grid 2 42.4 M4	Grid 3 42.3 M4
Grid 4 43.7 M4	Grid 5 52.0 M4	Grid 6 51.3 M4
Grid 7 49.5 M4	Grid 8 52.7 M4	Grid 9 51.6 M4

AWS_450 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.129 A/m

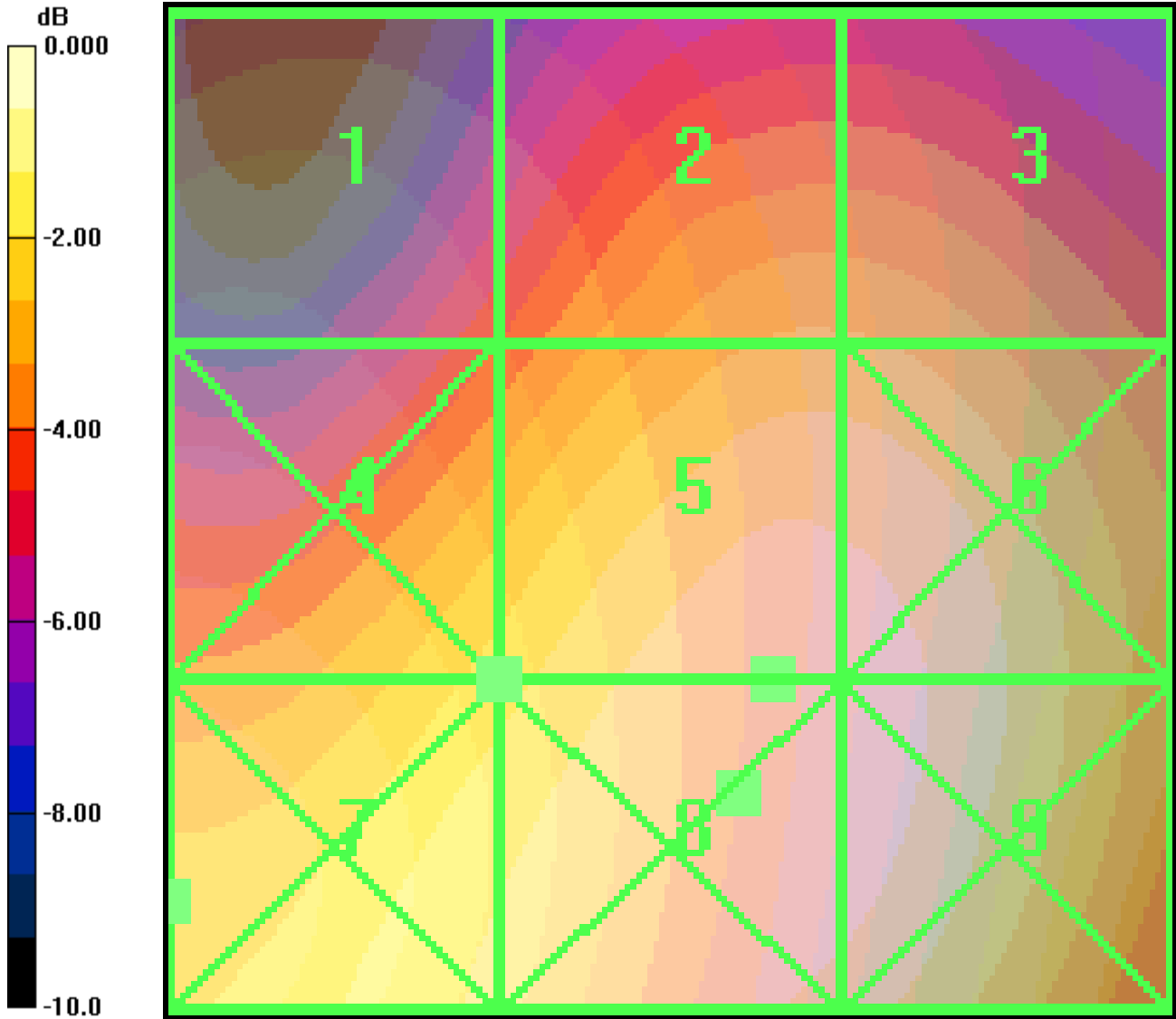
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

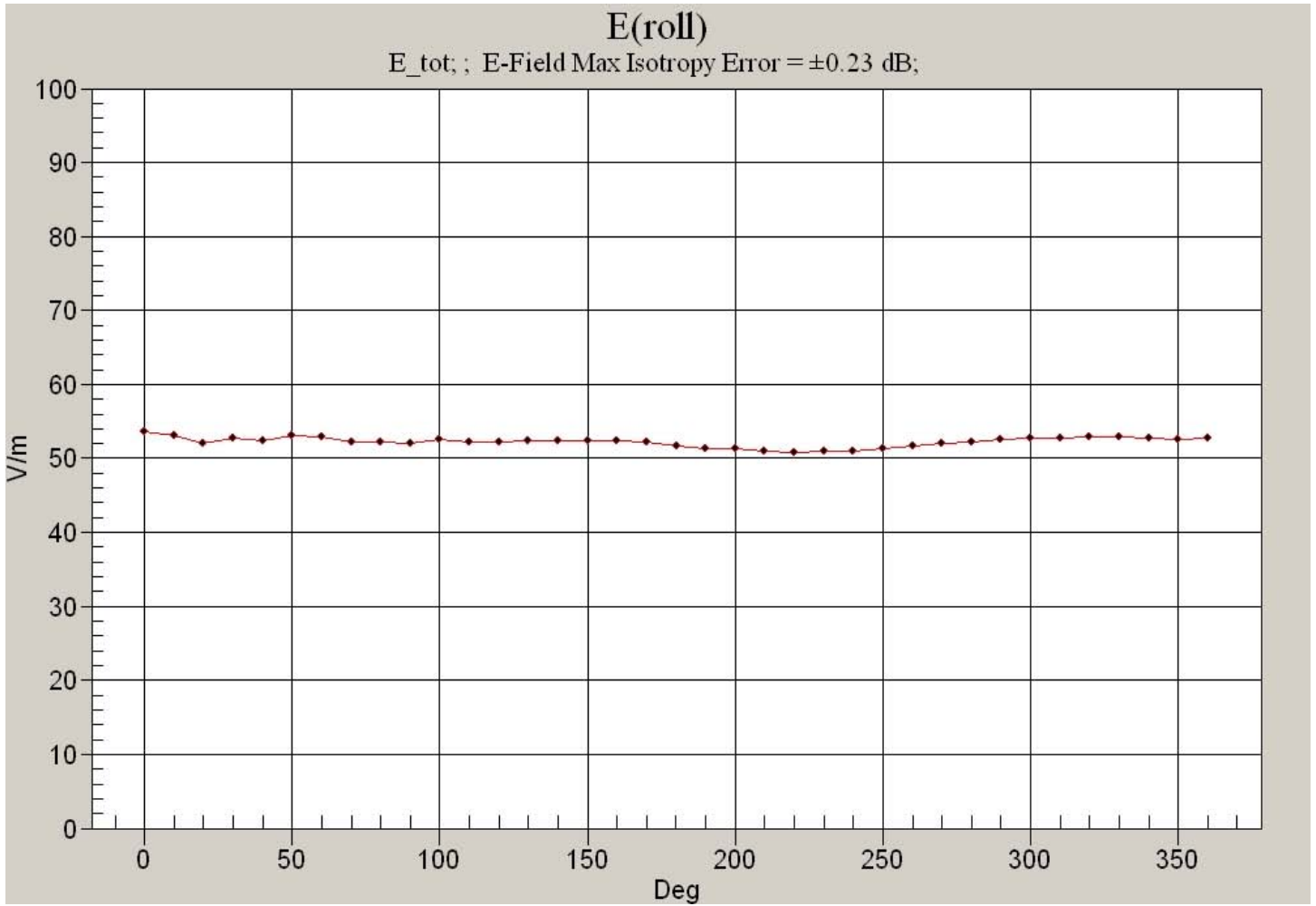
Reference Value = 0.119 A/m; Power Drift = -0.051 dB

Peak H-field in A/m

Grid 1 0.128 M4	Grid 2 0.117 M4	Grid 3 0.092 M4
Grid 4 0.152 M4	Grid 5 0.129 M4	Grid 6 0.093 M4
Grid 7 0.164 M4	Grid 8 0.132 M4	Grid 9 0.091 M4



0 dB = 52.7V/m



CDMA 1700 Channel 450 Bluetooth On

Date: 9/21/2009

Communication System: CDMA_Triband, Frequency: 1732.5 MHz, Duty Cycle: 1:1
 Medium: Air_1, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom: HAC Test Arch, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 7/16/2009
 Sensor-Surface: (Fix Surface),
 Electronics: DAE4 Sn530, Calibrated: 3/12/2009
 Measurement SW: DASY4, V4.7 Build 71
 Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

AWS_450_BT ON/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 52.1 V/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 61.2 V/m; Power Drift = -0.007 dB

Peak E-field in V/m

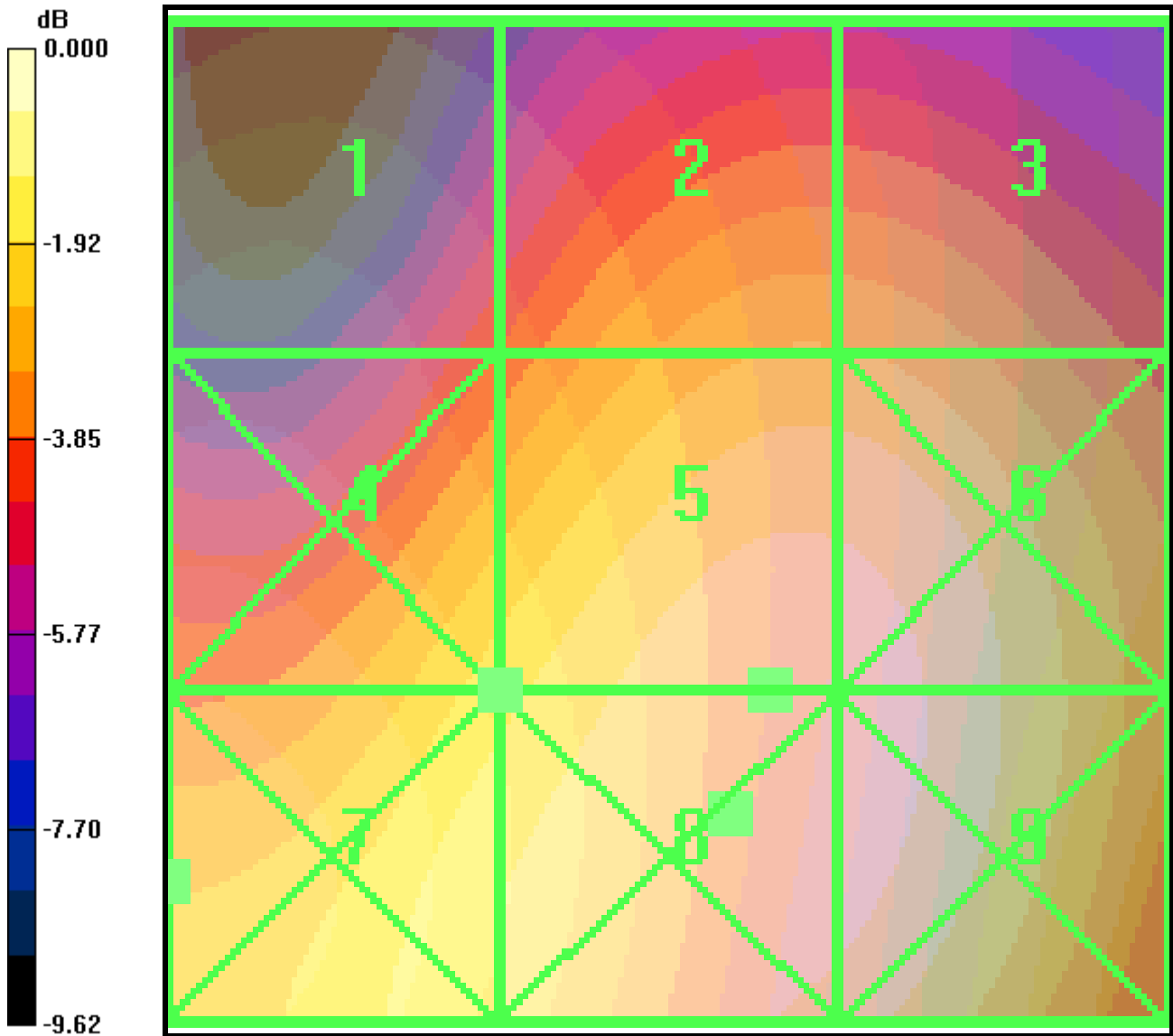
Grid 1 31.7 M4	Grid 2 42.7 M4	Grid 3 42.6 M4
Grid 4 44.2 M4	Grid 5 52.1 M4	Grid 6 51.5 M4
Grid 7 49.2 M4	Grid 8 52.8 M4	Grid 9 51.7 M4

AWS_450_BTooth ON/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.129 A/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 0.118 A/m; Power Drift = -0.136 dB

Peak H-field in A/m

Grid 1 0.128 M4	Grid 2 0.116 M4	Grid 3 0.090 M4
Grid 4 0.153 M4	Grid 5 0.129 M4	Grid 6 0.091 M4
Grid 7 0.164 M4	Grid 8 0.133 M4	Grid 9 0.089 M4



0 dB = 52.8V/m

CDMA 1900 Channel 25 Bluetooth Off

Date: 9/21/2009

Communication System: CDMA_Triband, Frequency: 1850 MHz, Duty Cycle: 1:1

Medium: Air_1, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

PCS_25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 51.2 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 61.3 V/m; Power Drift = -0.197 dB

Peak E-field in V/m

Grid 1 28.8 M4	Grid 2 43.5 M4	Grid 3 43.5 M4
Grid 4 35.0 M4	Grid 5 51.2 M4	Grid 6 51.1 M4
Grid 7 37.6 M4	Grid 8 51.1 M4	Grid 9 51.1 M4

PCS_25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.156 A/m

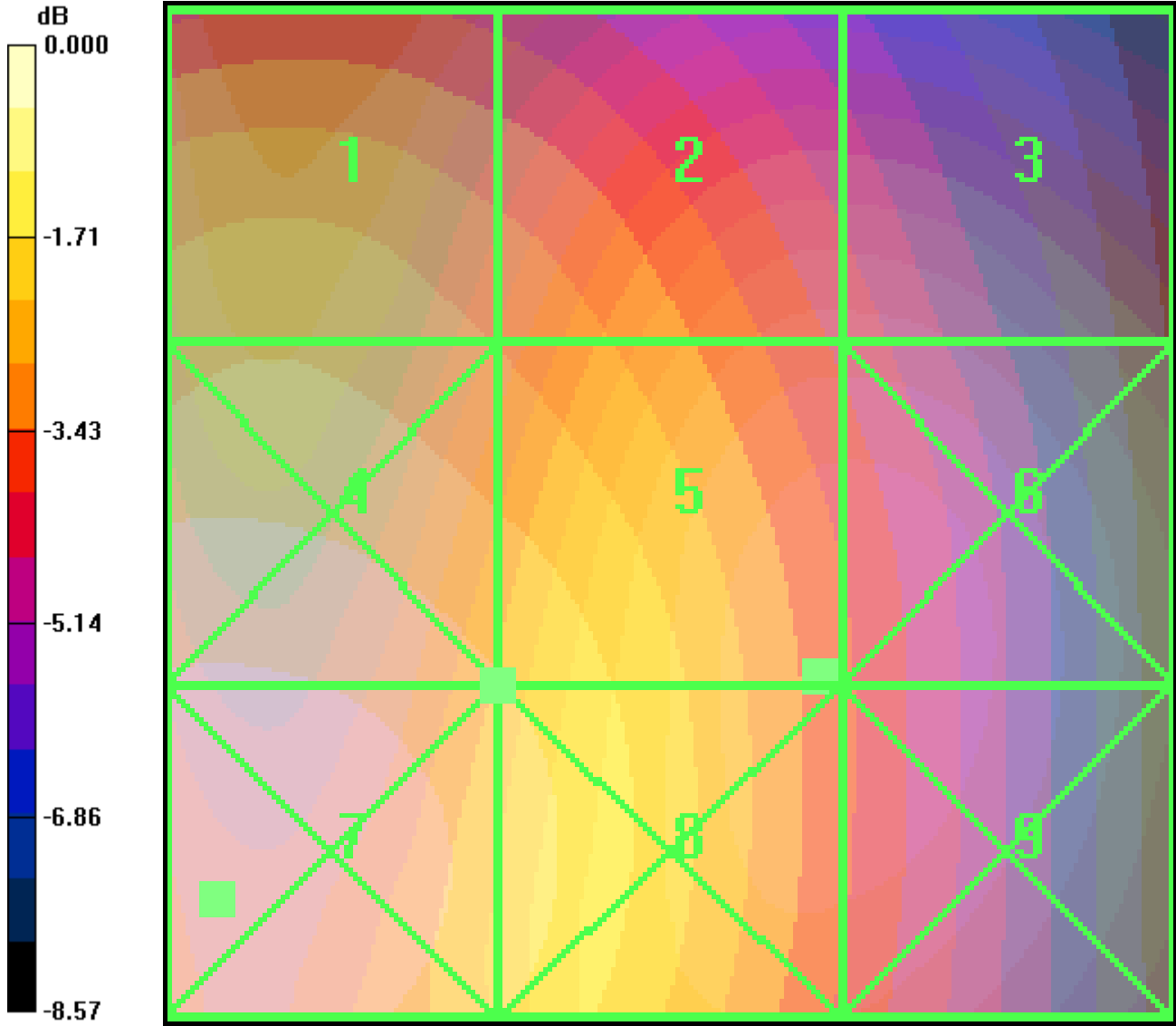
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.140 A/m; Power Drift = 0.074 dB

Peak H-field in A/m

Grid 1 0.144 M4	Grid 2 0.134 M4	Grid 3 0.099 M4
Grid 4 0.169 M4	Grid 5 0.156 M4	Grid 6 0.110 M4
Grid 7 0.179 M4	Grid 8 0.162 M4	Grid 9 0.110 M4



0 dB = 51.2V/m

CDMA 1900 Channel 600 Bluetooth Off

Date: 9/21/2009

Communication System: CDMA_Triband, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: Air_1, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom: HAC Test Arch, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 7/16/2009
 Sensor-Surface: (Fix Surface),
 Electronics: DAE4 Sn530, Calibrated: 3/12/2009
 Measurement SW: DASY4, V4.7 Build 71
 Postprocessing SW: SEMCAD, V1.8 Build 184
Temperature: Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C

PCS_600/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 46.3 V/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 59.2 V/m; Power Drift = 0.052 dB

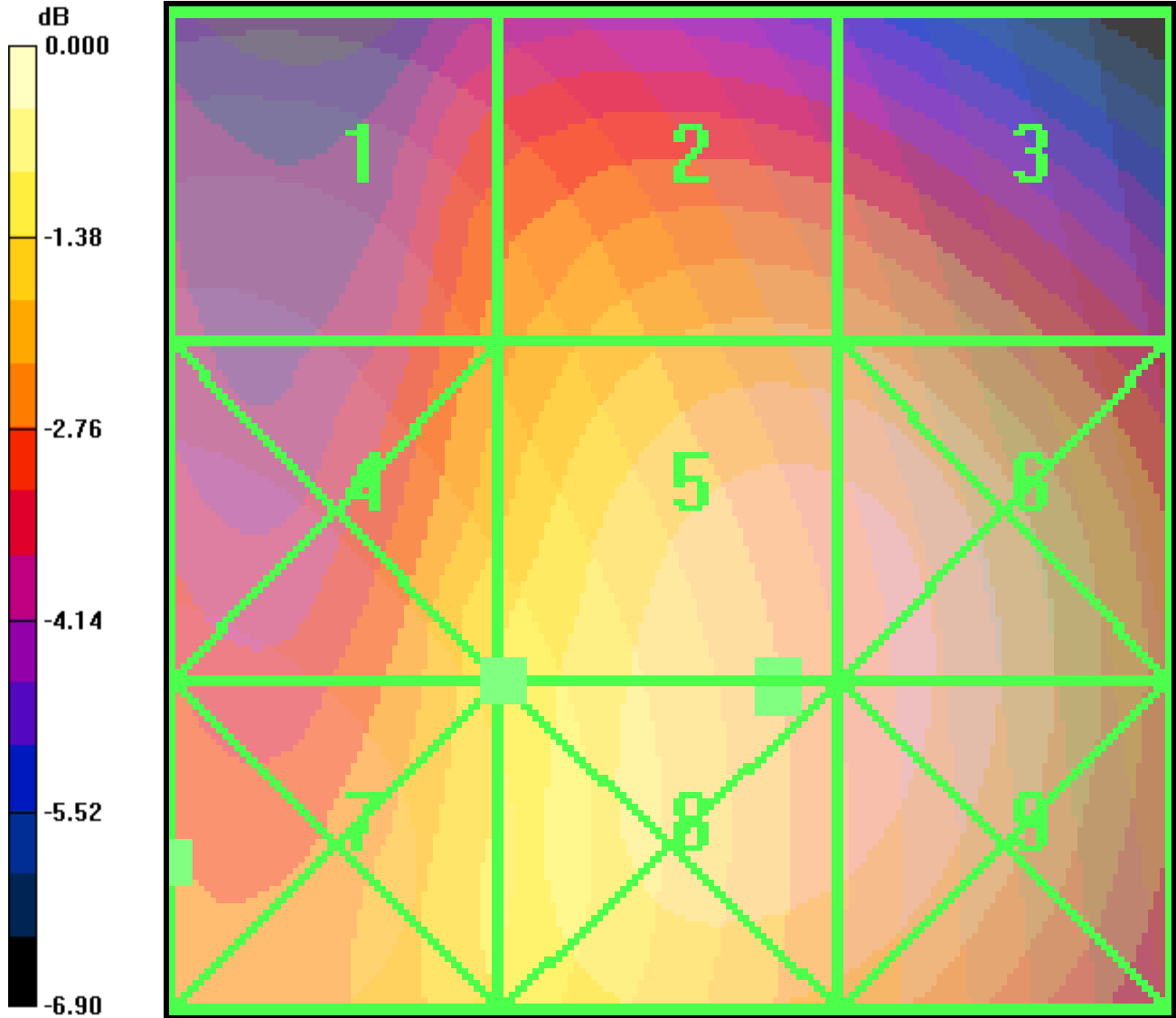
Peak E-field in V/m

Grid 1 34.8 M4	Grid 2 40.3 M4	Grid 3 39.8 M4
Grid 4 39.4 M4	Grid 5 46.3 M4	Grid 6 46.0 M4
Grid 7 40.2 M4	Grid 8 46.3 M4	Grid 9 46.0 M4

PCS_600/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.150 A/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 0.128 A/m; Power Drift = 0.248 dB

Peak H-field in A/m

Grid 1 0.146 M4	Grid 2 0.129 M4	Grid 3 0.089 M4
Grid 4 0.173 M4	Grid 5 0.150 M4	Grid 6 0.103 M4
Grid 7 0.180 M4	Grid 8 0.156 M4	Grid 9 0.104 M4



0 dB = 46.3V/m

CDMA 1900 Channel 1175 Bluetooth Off

Date: 9/21/2009

Communication System: CDMA_Triband, Frequency: 1910 MHz, Duty Cycle: 1:1

Medium: Air_1, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

PCS_1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 46.1 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 62.0 V/m; Power Drift = -0.038 dB

Peak E-field in V/m

Grid 1 38.8 M4	Grid 2 43.3 M4	Grid 3 41.4 M4
Grid 4 39.5 M4	Grid 5 46.1 M4	Grid 6 44.2 M4
Grid 7 39.0 M4	Grid 8 45.9 M4	Grid 9 43.5 M4

PCS_1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.127 A/m

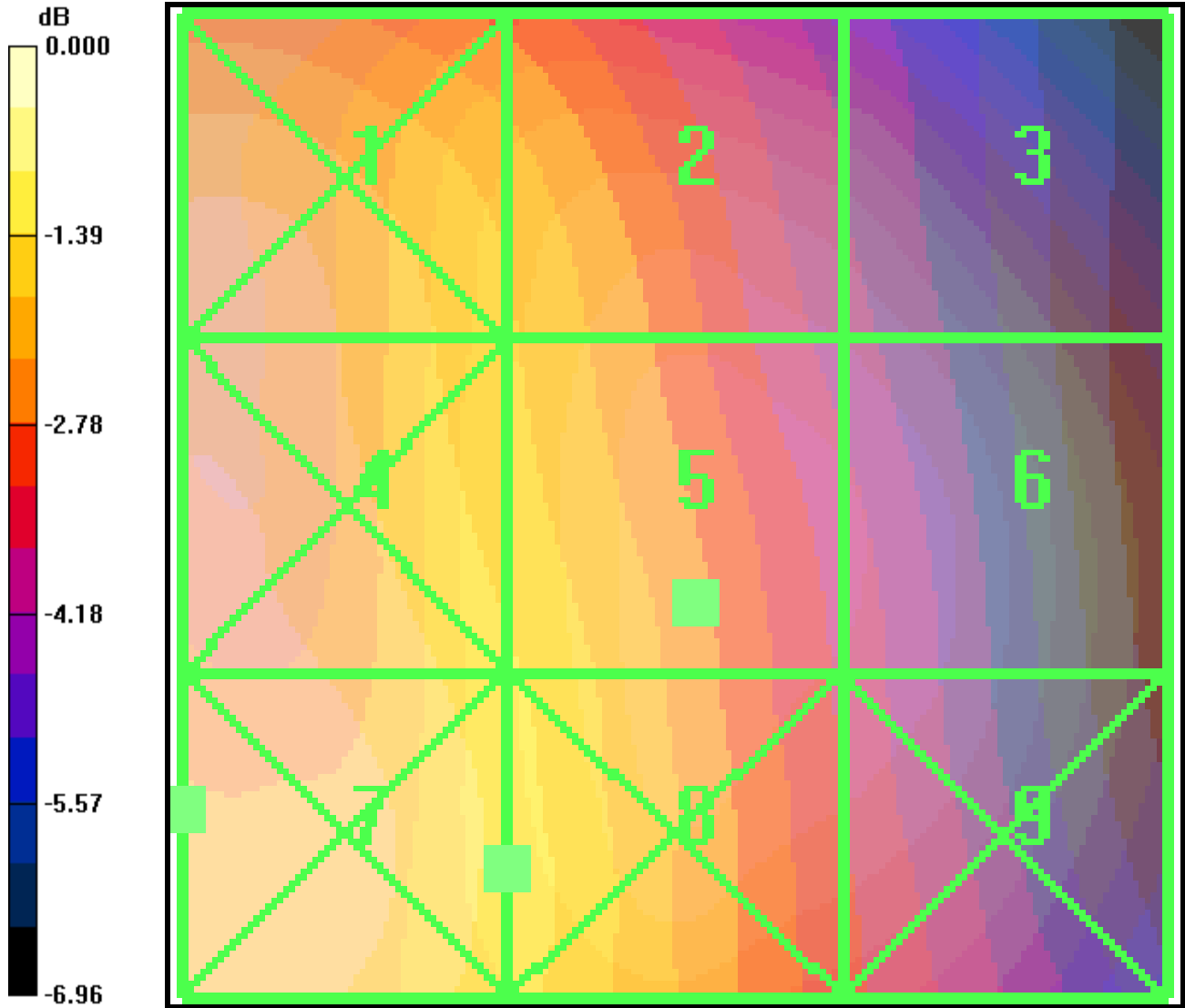
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.105 A/m; Power Drift = -0.151 dB

Peak H-field in A/m

Grid 1 0.140 M4	Grid 2 0.113 M4	Grid 3 0.073 M4
Grid 4 0.150 M4	Grid 5 0.122 M4	Grid 6 0.080 M4
Grid 7 0.153 M4	Grid 8 0.127 M4	Grid 9 0.084 M4



0 dB = 46.1V/m

CDMA 1900 Channel 25 360 degrees

Date: 9/21/2009

Communication System: CDMA_Triband, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: Air_1, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

Temperature: Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C

PCS_25 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 48.6 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 62.4 V/m; Power Drift = -0.230 dB

Peak E-field in V/m

Grid 1 34.9 M4	Grid 2 42.2 M4	Grid 3 41.9 M4
Grid 4 40.6 M4	Grid 5 48.6 M4	Grid 6 48.4 M4
Grid 7 41.7 M4	Grid 8 48.6 M4	Grid 9 48.4 M4

PCS_25 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.149 A/m

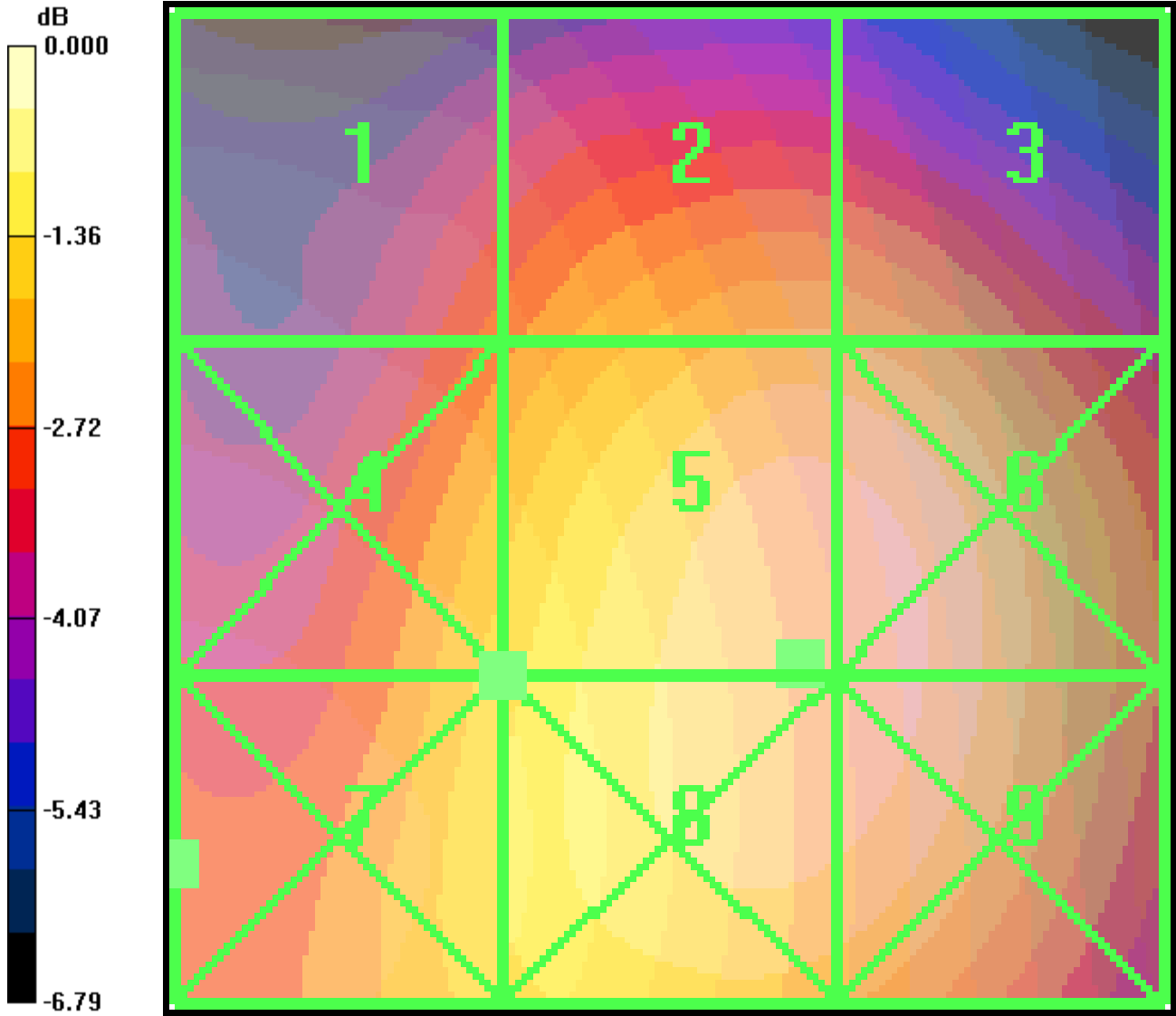
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

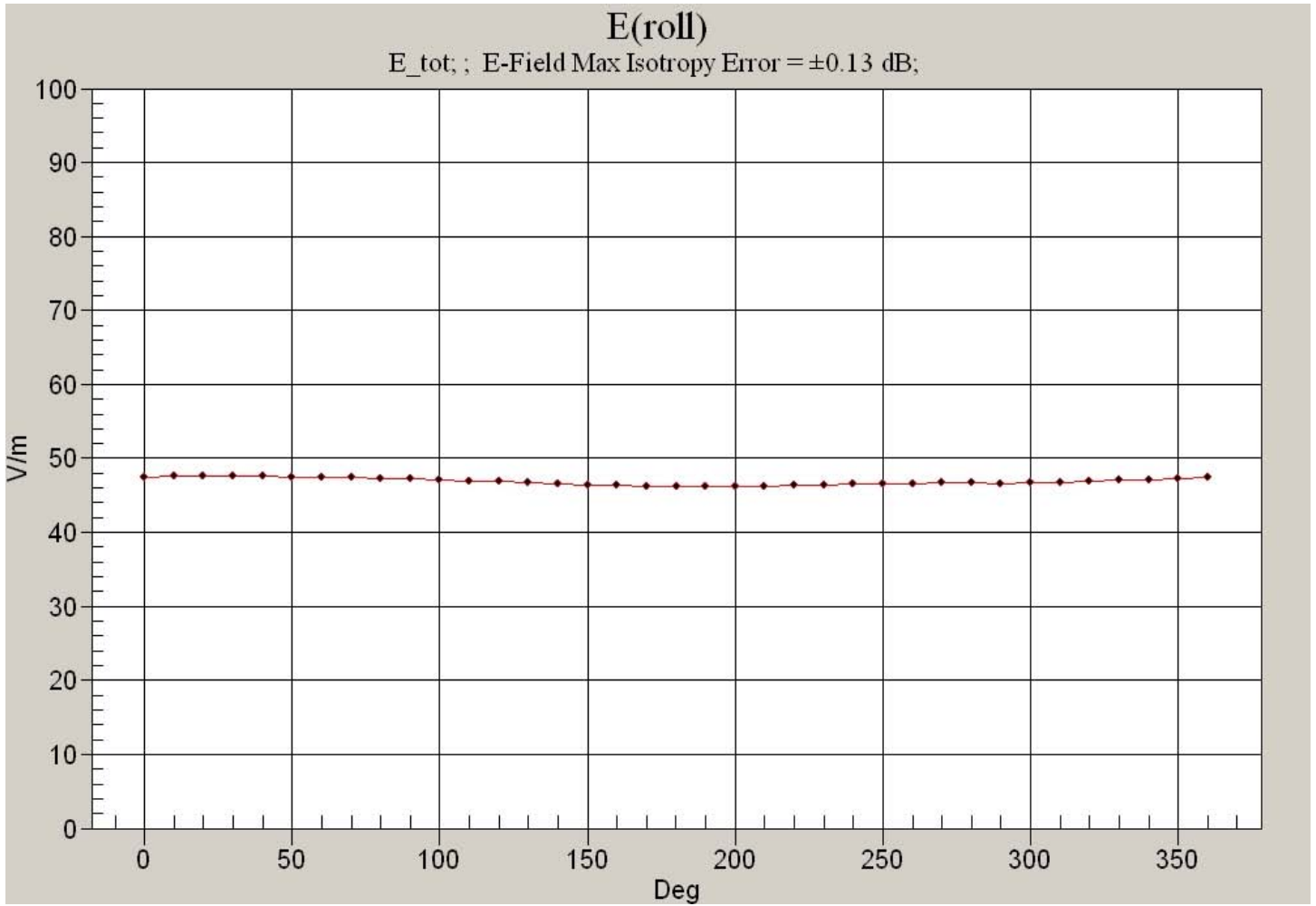
Reference Value = 0.128 A/m; Power Drift = -0.135 dB

Peak H-field in A/m

Grid 1 0.145 M4	Grid 2 0.130 M4	Grid 3 0.086 M4
Grid 4 0.168 M4	Grid 5 0.149 M4	Grid 6 0.099 M4
Grid 7 0.177 M4	Grid 8 0.154 M4	Grid 9 0.101 M4



0 dB = 48.6V/m



CDMA 1900 Channel 25 Bluetooth On

Date: 9/21/2009

Communication System: CDMA_Triband, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: Air_1, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

PCS_25_BT ON/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 47.0 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 58.5 V/m; Power Drift = 0.137 dB

Peak E-field in V/m

Grid 1 34.8 M4	Grid 2 40.4 M4	Grid 3 40.4 M4
Grid 4 40.1 M4	Grid 5 47.0 M4	Grid 6 47.0 M4
Grid 7 41.0 M4	Grid 8 47.0 M4	Grid 9 47.0 M4

PCS_25_BTooth ON/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.149 A/m

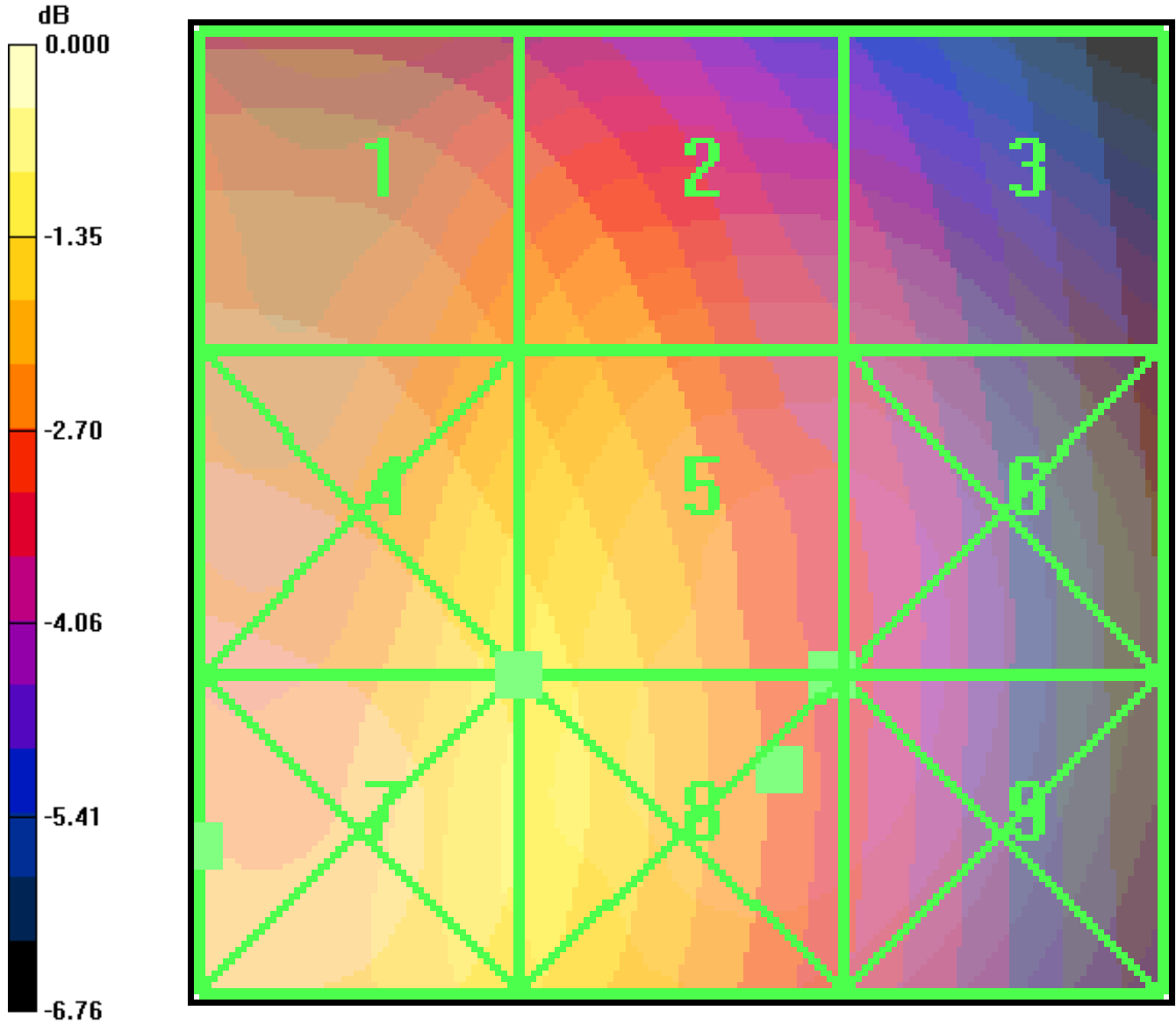
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.131 A/m; Power Drift = 0.094 dB

Peak H-field in A/m

Grid 1 0.145 M4	Grid 2 0.130 M4	Grid 3 0.091 M4
Grid 4 0.169 M4	Grid 5 0.149 M4	Grid 6 0.101 M4
Grid 7 0.177 M4	Grid 8 0.152 M4	Grid 9 0.101 M4



0 dB = 47.0V/m