

Date/Time: 7/28/2006 9:26:03 AM

Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-800 ST Battery BackLight ON OPEN 07-28-06

Communication System: CDMA-800; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123; Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004; Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-800 ch1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.071 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.054 A/m; Power Drift = 0.076 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.094	Grid 2 0.070	Grid 3 0.040
Grid 4 0.094	Grid 5 0.071	Grid 6 0.040
Grid 7 0.089	Grid 8 0.062	Grid 9 0.036

CDMA-800 ch1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 45.9 V/m

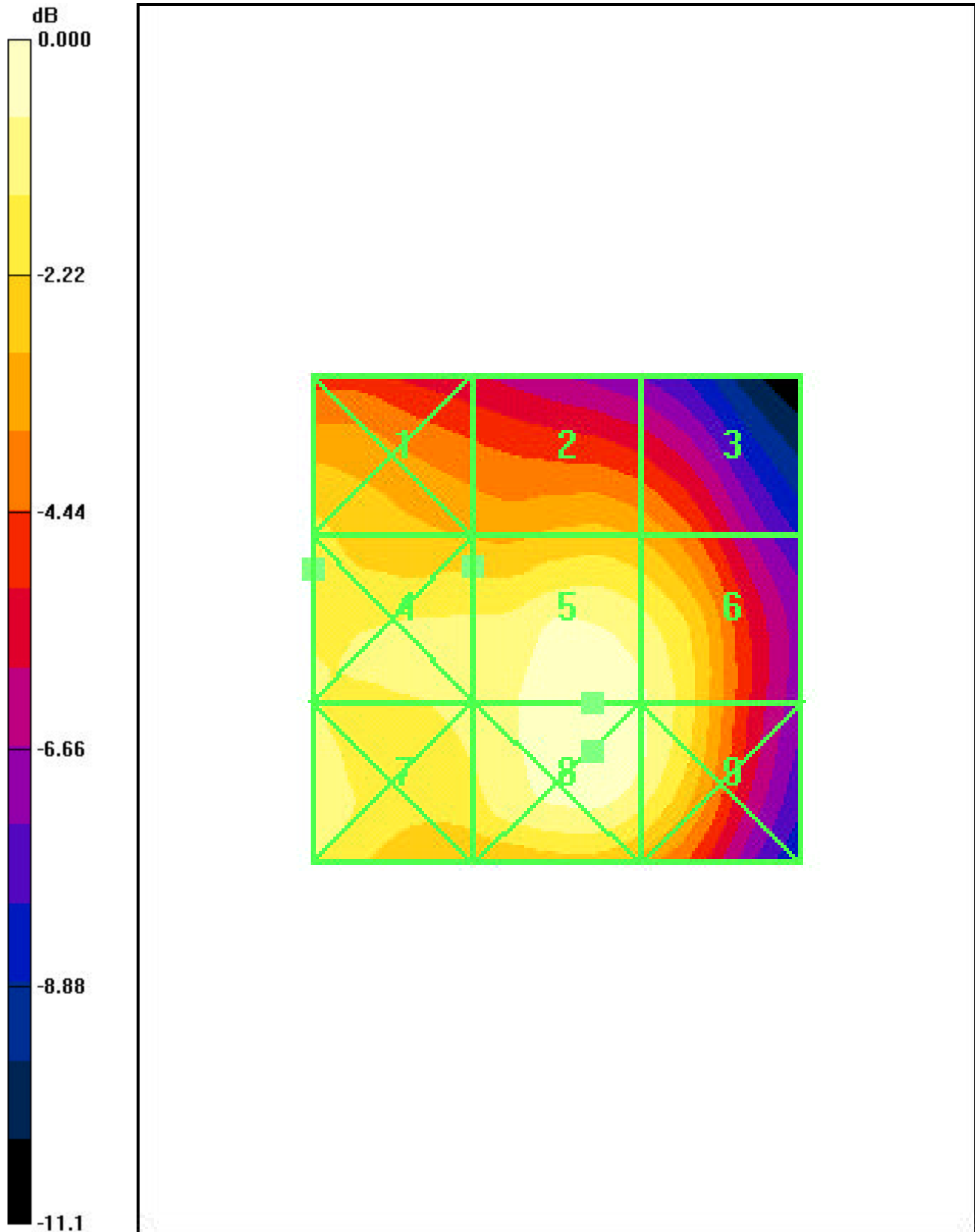
Probe Modulation Factor = 1.00

Reference Value = 46.4 V/m; Power Drift = -0.005 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 39.2	Grid 2 37.1	Grid 3 35.9
Grid 4 42.8	Grid 5 45.9	Grid 6 44.2
Grid 7 43.3	Grid 8 46.5	Grid 9 44.3



0 dB = 0.094A/m

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Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-800 ST Battery BackLight ON OPEN 07-28-06

Communication System: CDMA-800; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-800 ch383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.093 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.067 A/m; Power Drift = -0.016 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.117	Grid 2 0.086	Grid 3 0.038
Grid 4 0.118	Grid 5 0.093	Grid 6 0.043
Grid 7 0.118	Grid 8 0.088	Grid 9 0.049

CDMA-800 ch383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 65.3 V/m

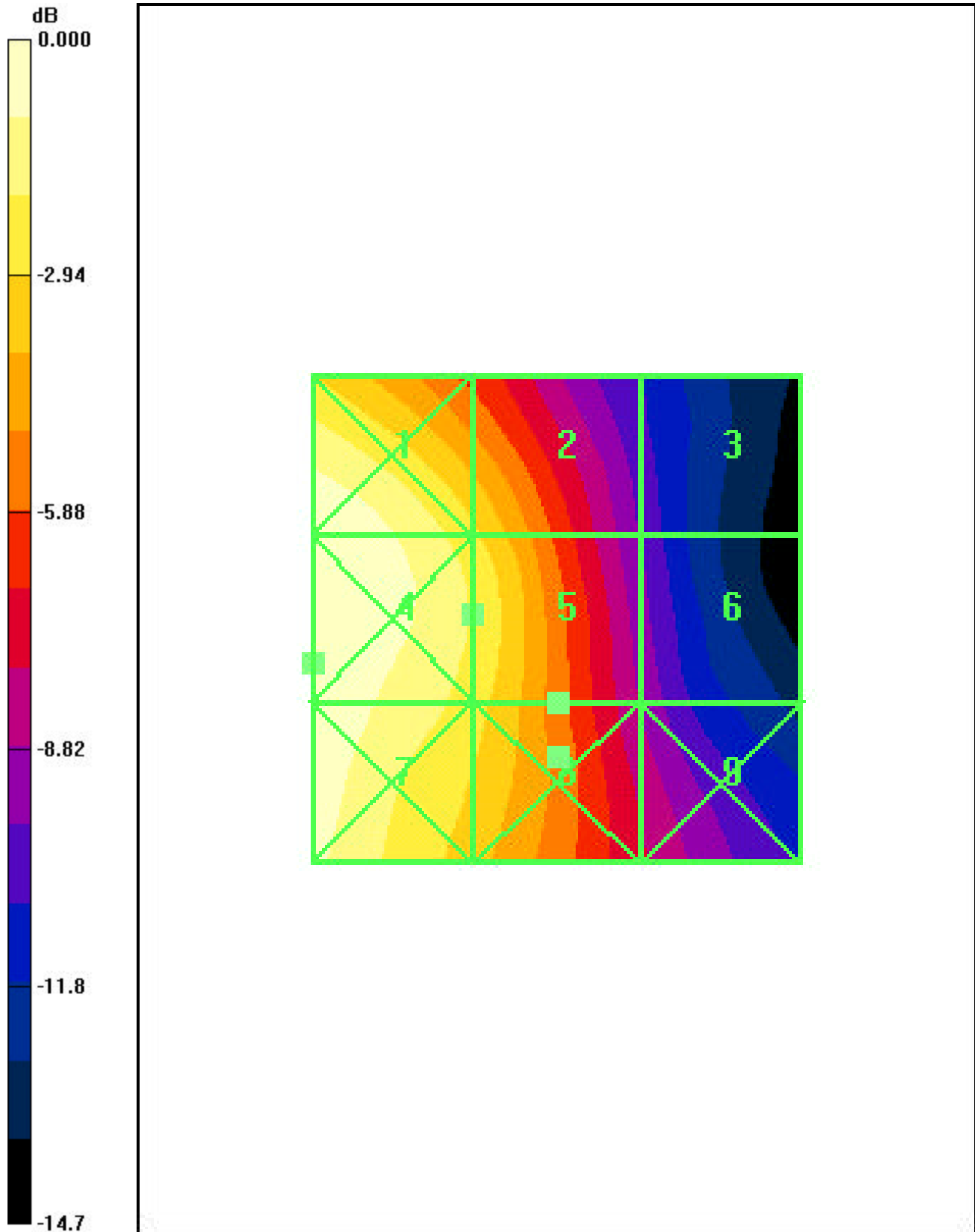
Probe Modulation Factor = 1.00

Reference Value = 68.9 V/m; Power Drift = -0.029 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

Grid 1 56.7	Grid 2 52.4	Grid 3 49.1
Grid 4 63.9	Grid 5 65.3	Grid 6 61.3
Grid 7 63.2	Grid 8 66.7	Grid 9 61.3



0 dB = 0.118A/m

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Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-800 ST Battery BackLight ON OPEN 07-28-06

Communication System: CDMA-800; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123; Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004; Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-800 ch777/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.087 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.065 A/m; Power Drift = -0.066 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.112	Grid 2 0.084	Grid 3 0.040
Grid 4 0.114	Grid 5 0.087	Grid 6 0.040
Grid 7 0.112	Grid 8 0.078	Grid 9 0.043

CDMA-800 ch777/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 60.3 V/m

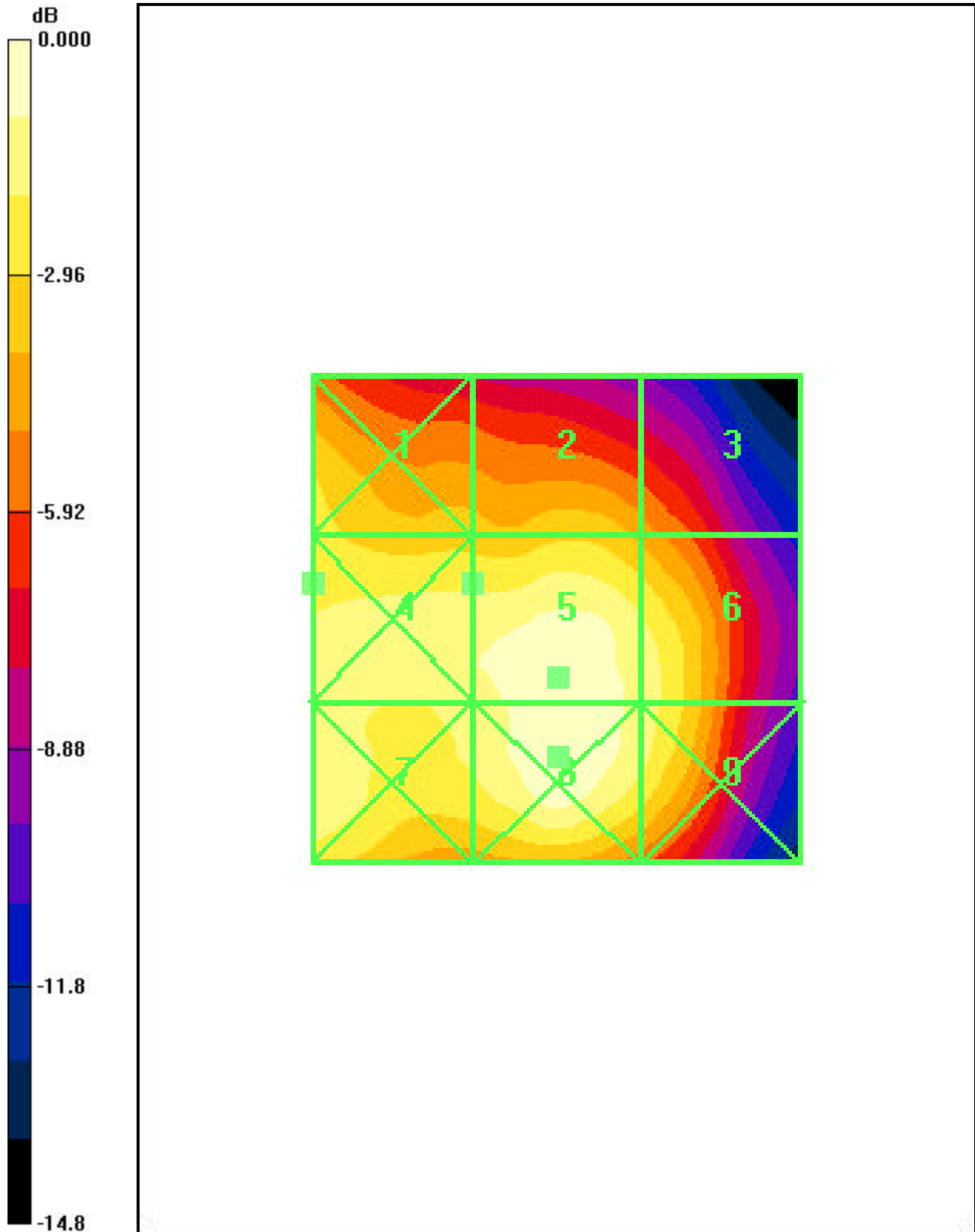
Probe Modulation Factor = 1.00

Reference Value = 64.1 V/m; Power Drift = -0.006 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 53.0	Grid 2 50.8	Grid 3 47.6
Grid 4 57.5	Grid 5 60.3	Grid 6 56.6
Grid 7 56.4	Grid 8 61.0	Grid 9 56.5



0 dB = 0.114A/m

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Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-800 ST Battery BackLight OFF OPEN 07-28-06

Communication System: CDMA-800; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123; Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004; Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-800 ch383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.090 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.068 A/m; Power Drift = -0.072 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.110	Grid 2 0.082	Grid 3 0.039
Grid 4 0.110	Grid 5 0.090	Grid 6 0.043
Grid 7 0.116	Grid 8 0.087	Grid 9 0.050

CDMA-800 ch383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 71.1 V/m

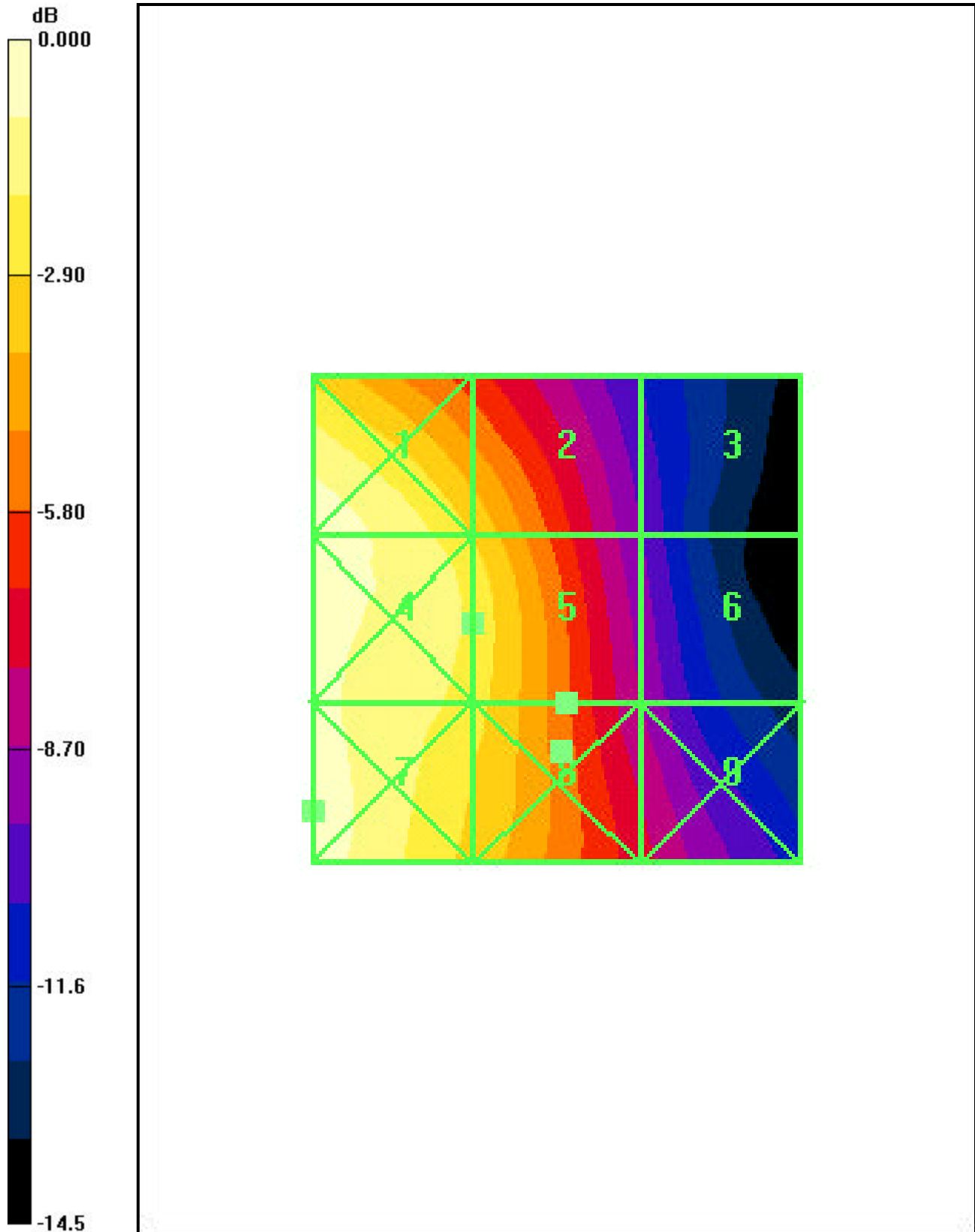
Probe Modulation Factor = 1.00

Reference Value = 71.8 V/m; Power Drift = -0.059 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

Grid 1 56.1	Grid 2 55.7	Grid 3 52.1
Grid 4 65.7	Grid 5 71.1	Grid 6 66.0
Grid 7 65.0	Grid 8 72.2	Grid 9 66.1



0 dB = 0.116A/m

Date/Time: 7/28/2006 3:54:46 PM

Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-800 EXT Battery BackLight ON OPEN 07-28-06

Communication System: CDMA-800; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123; Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004; Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-800 ch383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.095 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.070 A/m; Power Drift = 0.037 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.118	Grid 2 0.089	Grid 3 0.041
Grid 4 0.122	Grid 5 0.095	Grid 6 0.046
Grid 7 0.123	Grid 8 0.091	Grid 9 0.053

CDMA-800 ch383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 66.6 V/m

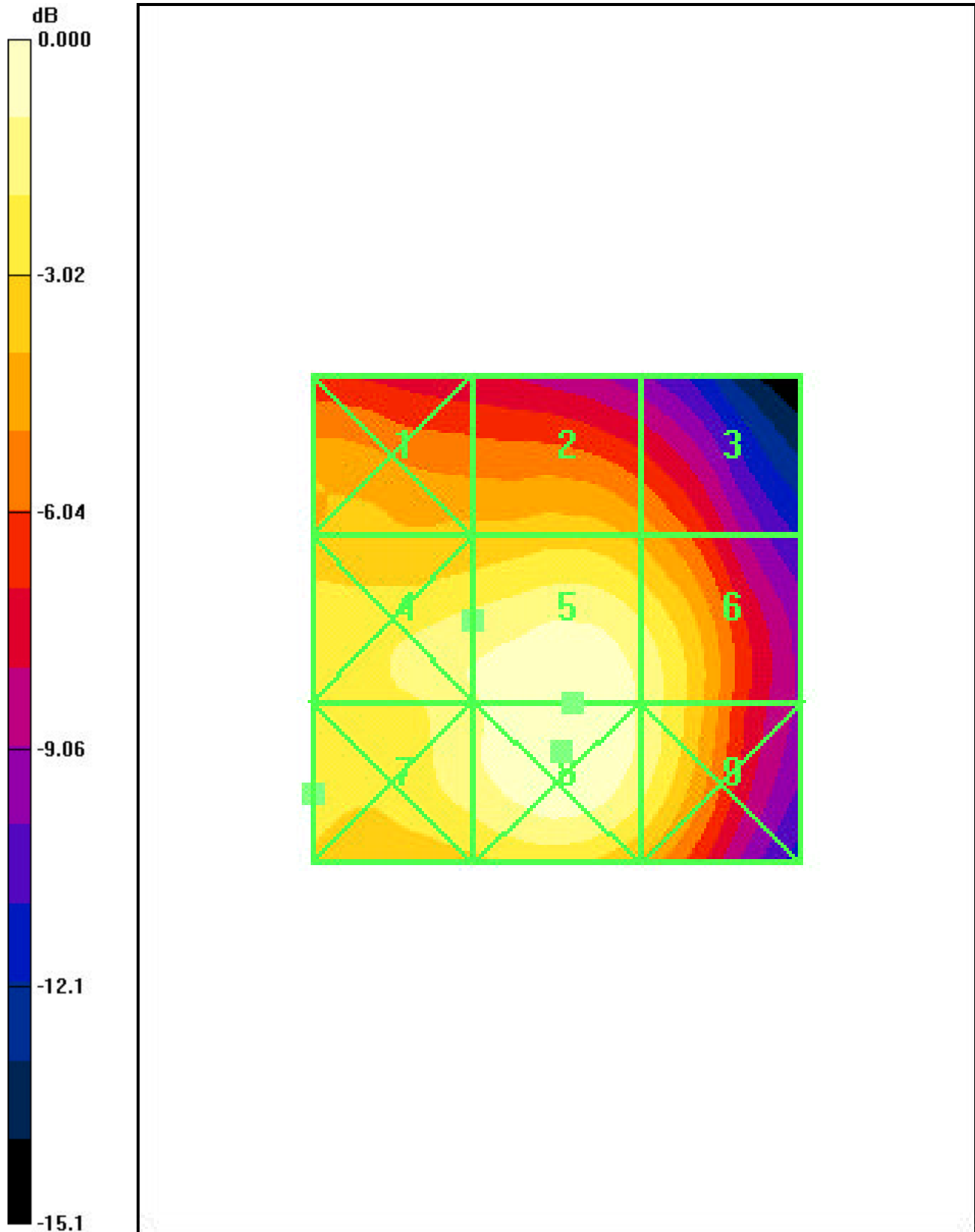
Probe Modulation Factor = 1.00

Reference Value = 65.0 V/m; Power Drift = 0.071 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

Grid 1 51.6	Grid 2 52.4	Grid 3 48.8
Grid 4 62.7	Grid 5 66.6	Grid 6 61.8
Grid 7 61.9	Grid 8 67.2	Grid 9 61.8



0 dB = 0.123A/m

Date/Time: 7/28/2006 4:07:01 PM

Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-800 EXT Battery BackLight OFF OPEN 07-28-06

Communication System: CDMA-800; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123; Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004; Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-800 ch383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.093 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.072 A/m; Power Drift = 0.063 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.114	Grid 2 0.085	Grid 3 0.042
Grid 4 0.118	Grid 5 0.093	Grid 6 0.047
Grid 7 0.119	Grid 8 0.091	Grid 9 0.052

CDMA-800 ch383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 70.7 V/m

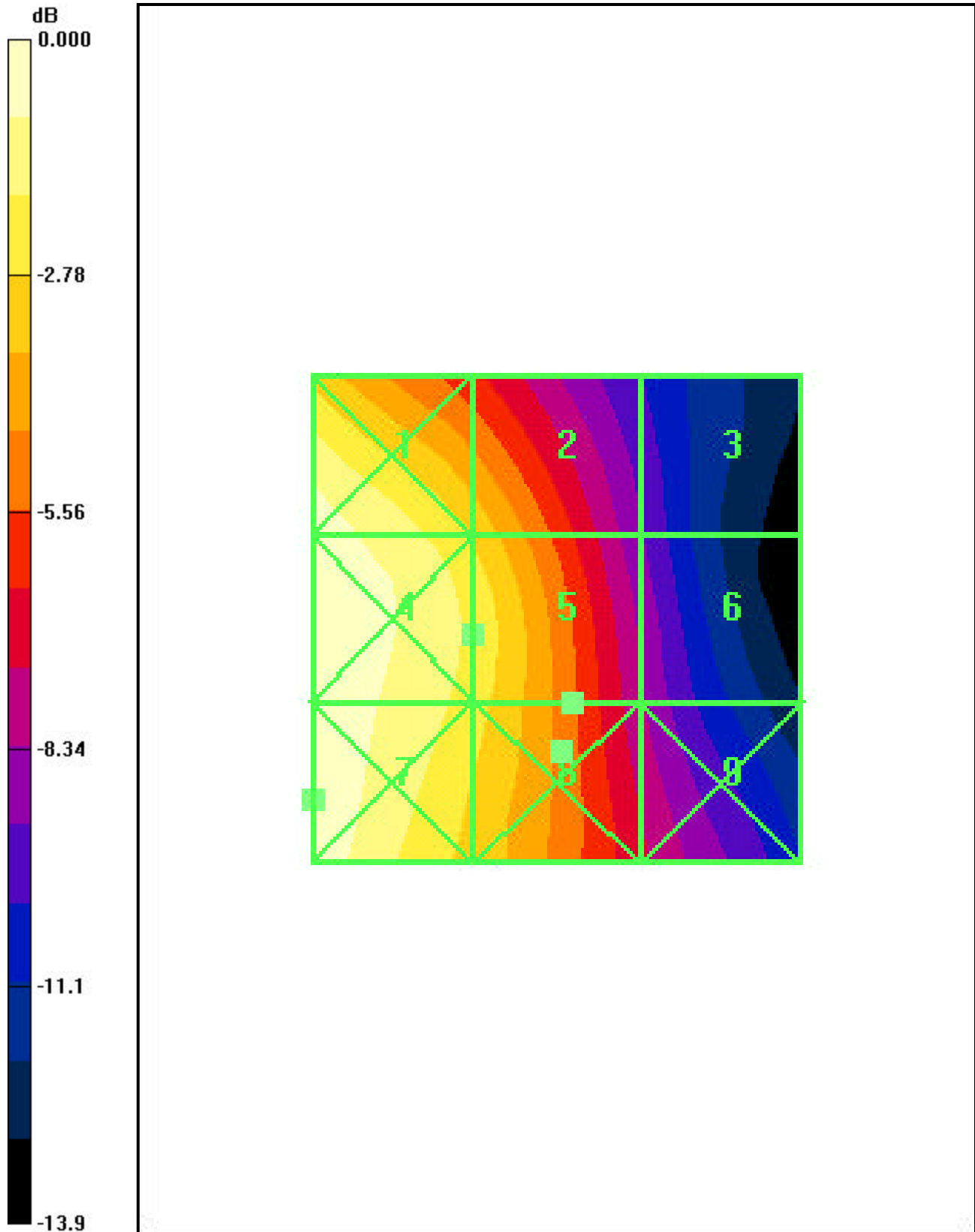
Probe Modulation Factor = 1.00

Reference Value = 71.5 V/m; Power Drift = 0.024 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

Grid 1 53.1	Grid 2 55.2	Grid 3 51.7
Grid 4 64.8	Grid 5 70.7	Grid 6 65.2
Grid 7 64.0	Grid 8 71.3	Grid 9 65.2



0 dB = 0.119A/m

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Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-800 BT ON ST Battery BackLight ON OPEN 07-31-06

Communication System: CDMA-800; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123; Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004; Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-800 ch383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.085 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.063 A/m; Power Drift = -0.026 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.105	Grid 2 0.081	Grid 3 0.040
Grid 4 0.108	Grid 5 0.085	Grid 6 0.044
Grid 7 0.110	Grid 8 0.082	Grid 9 0.050

CDMA-800 ch383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 67.2 V/m

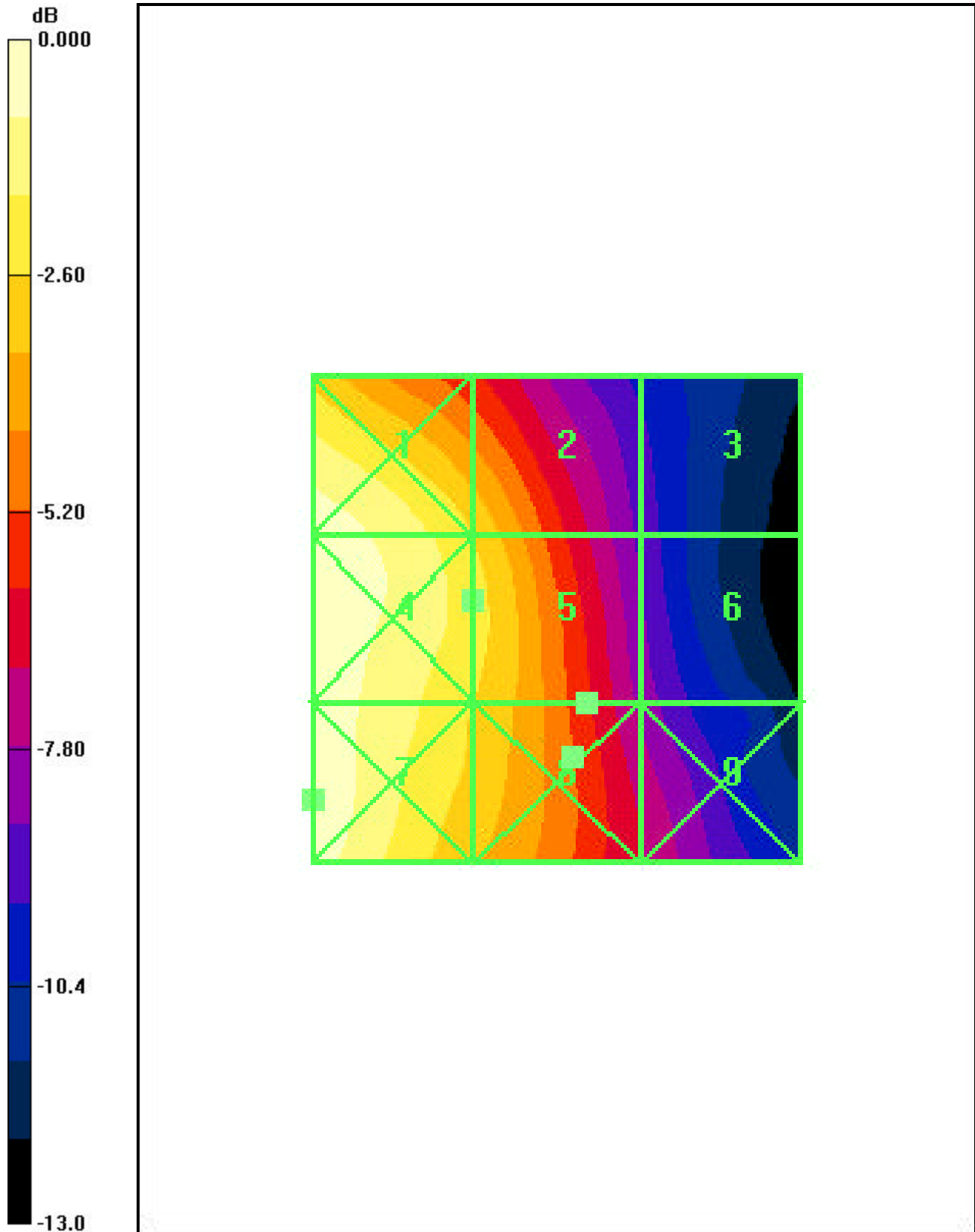
Probe Modulation Factor = 1.00

Reference Value = 69.2 V/m; Power Drift = -0.053 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

Grid 1 53.6	Grid 2 51.6	Grid 3 49.2
Grid 4 62.1	Grid 5 67.2	Grid 6 63.3
Grid 7 61.8	Grid 8 68.6	Grid 9 63.9



0 dB = 0.110A/m

Date/Time: 7/28/2006 9:46:55 AM

Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-800 ST Battery BackLight ON OPEN 07-28-06

Communication System: CDMA-800; Frequency: 836.49 MHz; Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123; Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004; Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-800 ch383 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.091 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.064 A/m; Power Drift = 0.056 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.116	Grid 2 0.085	Grid 3 0.037
Grid 4 0.118	Grid 5 0.091	Grid 6 0.041
Grid 7 0.115	Grid 8 0.086	Grid 9 0.048

CDMA-800 ch383 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 67.6 V/m

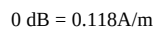
Probe Modulation Factor = 1.00

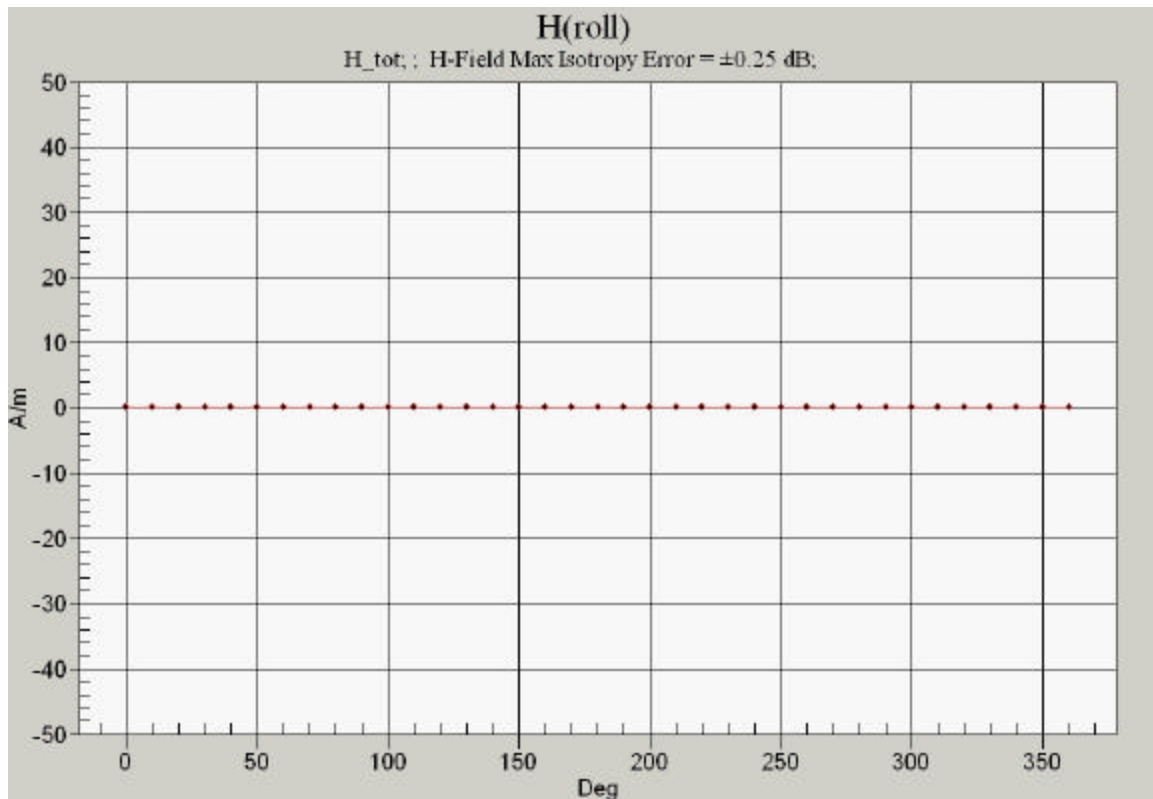
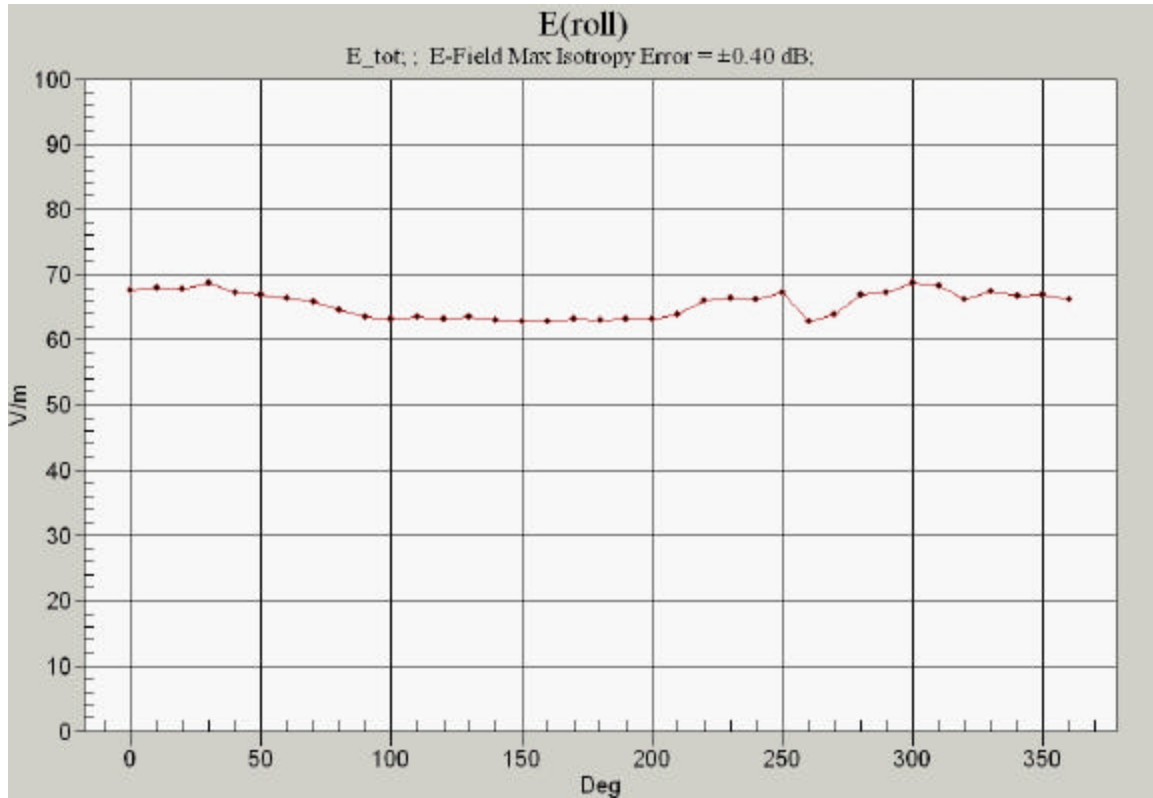
Reference Value = 70.8 V/m; Power Drift = -0.095 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

Grid 1 53.8	Grid 2 55.0	Grid 3 50.8
Grid 4 63.1	Grid 5 67.6	Grid 6 62.7
Grid 7 62.0	Grid 8 67.5	Grid 9 62.7





1900 MHZ

Date/Time: 7/28/2006 11:28:01 AM

Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-1900 ST Battery BackLight ON OPEN 07-28-06

Communication System: CDMA-1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123 Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004 Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-1900 ch25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.096 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.073 A/m; Power Drift = -0.013 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.121	Grid 2 0.087	Grid 3 0.055
Grid 4 0.132	Grid 5 0.095	Grid 6 0.058
Grid 7 0.135	Grid 8 0.096	Grid 9 0.059

CDMA-1900 ch25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 33.4 V/m

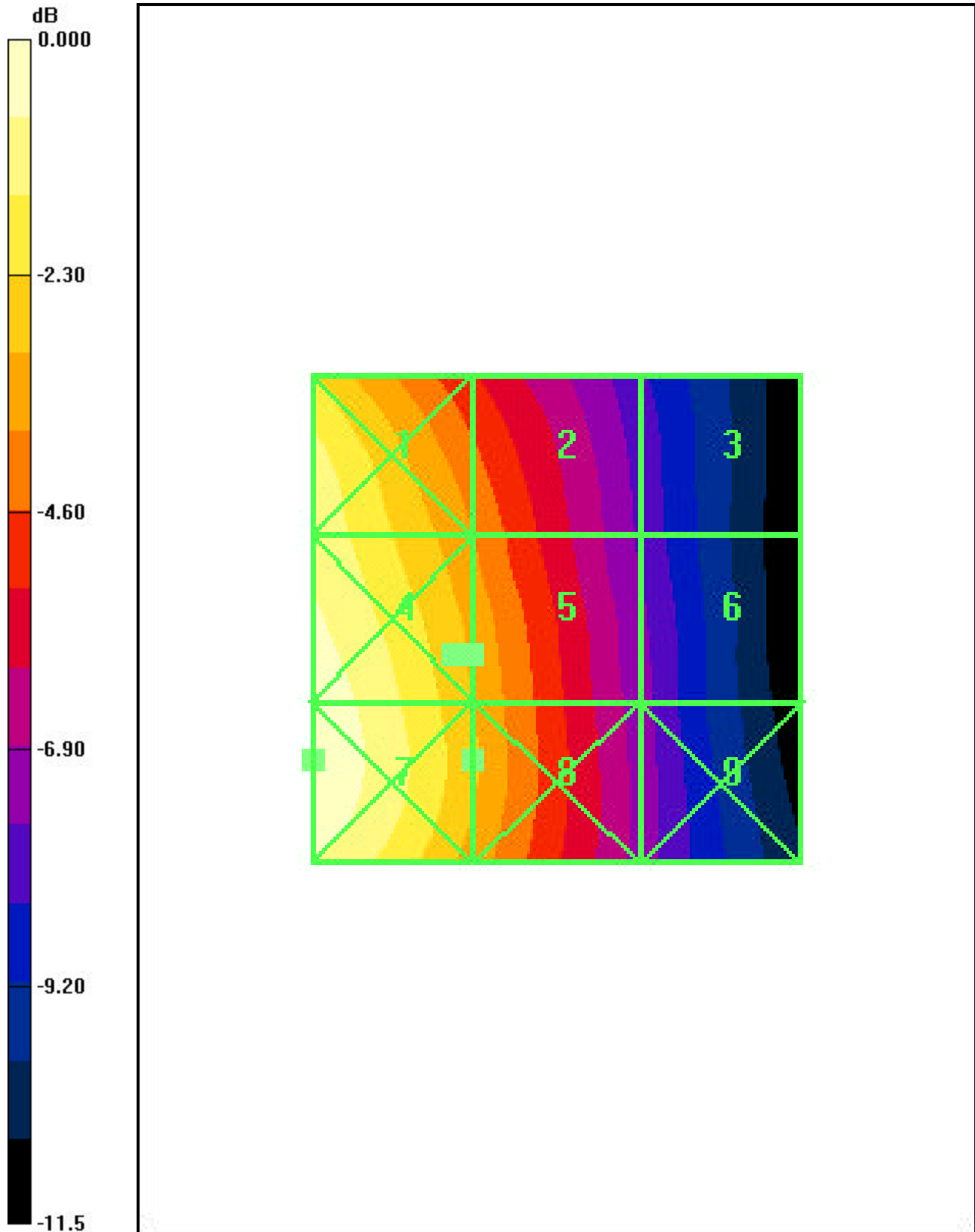
Probe Modulation Factor = 1.00

Reference Value = 31.2 V/m; Power Drift = -0.035 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 30.6	Grid 2 30.2	Grid 3 26.4
Grid 4 33.4	Grid 5 33.0	Grid 6 28.5
Grid 7 31.5	Grid 8 31.2	Grid 9 28.1



0 dB = 0.135A/m

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Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-1900 ST Battery BackLight ON OPEN 07-28-06

Communication System: CDMA-1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123; Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004; Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-1900 ch600/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.095 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.074 A/m; Power Drift = -0.056 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.123	Grid 2 0.087	Grid 3 0.057
Grid 4 0.128	Grid 5 0.095	Grid 6 0.061
Grid 7 0.129	Grid 8 0.094	Grid 9 0.061

CDMA-1900 ch600/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 28.6 V/m

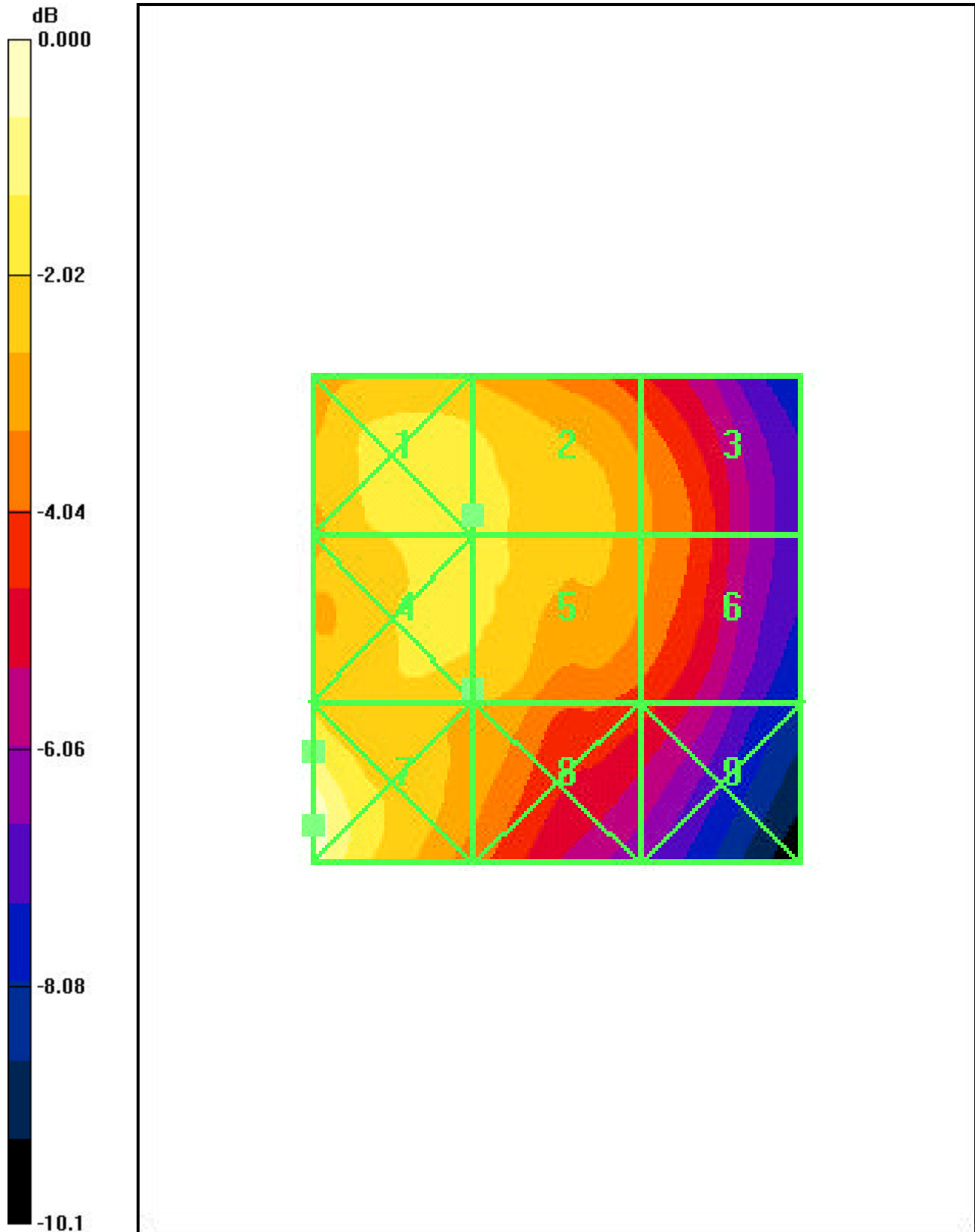
Probe Modulation Factor = 1.00

Reference Value = 26.8 V/m; Power Drift = -0.100 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 28.6	Grid 2 28.4	Grid 3 25.0
Grid 4 28.3	Grid 5 28.2	Grid 6 25.0
Grid 7 32.7	Grid 8 26.0	Grid 9 22.4



0 dB = 0.129A/m

Date/Time: 7/28/2006 1:45:49 PM

Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-1900 ST Battery BackLight ON OPEN 07-28-06

Communication System: CDMA-1900; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-1900 ch1175/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

Reference Value = 0.082 A/m; Power Drift = -0.058 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.139	Grid 2 0.099	Grid 3 0.059
Grid 4 0.136	Grid 5 0.102	Grid 6 0.064
Grid 7 0.135	Grid 8 0.102	Grid 9 0.064

CDMA-1900 ch1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 33.4 V/m

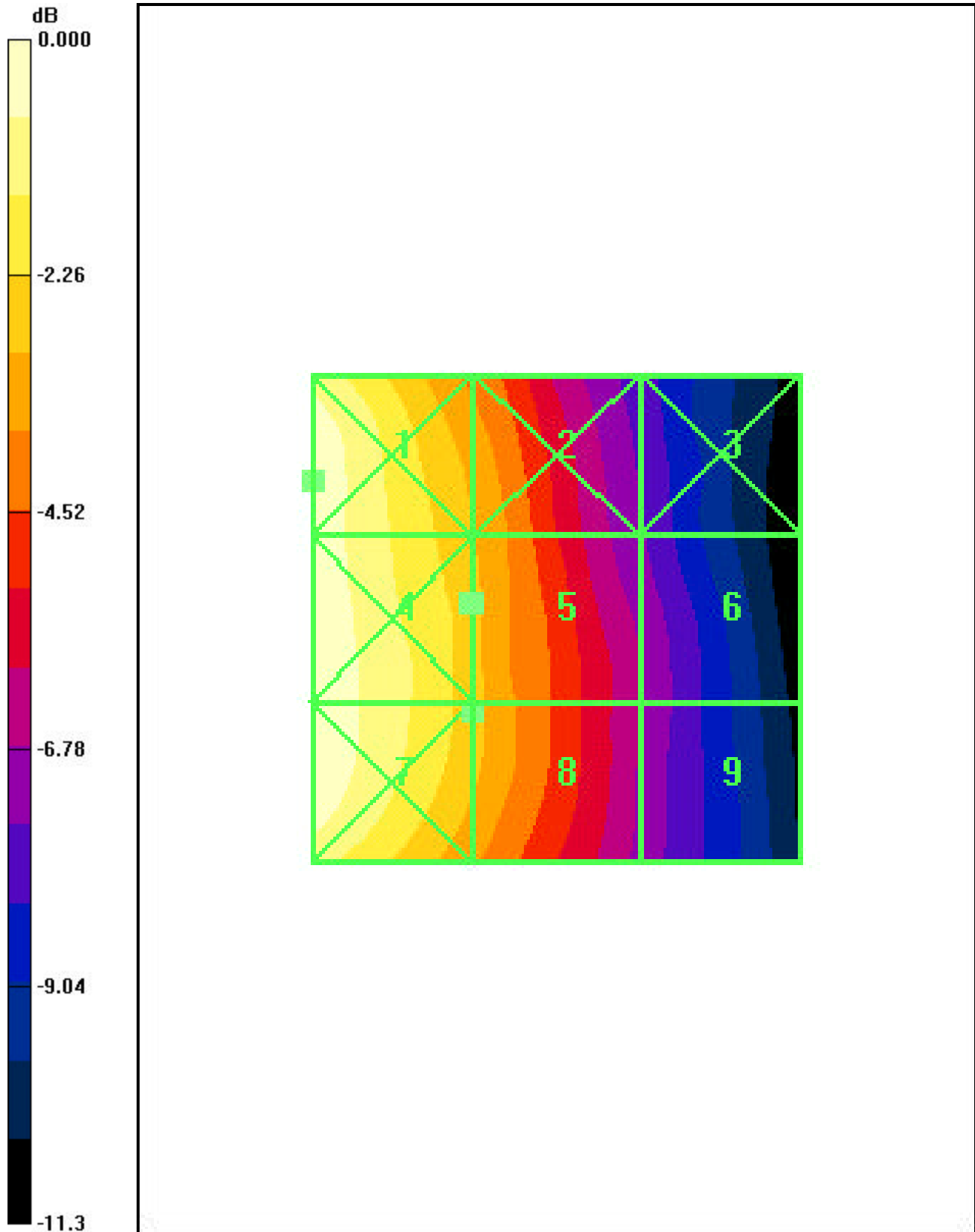
Probe Modulation Factor = 1.00

Reference Value = 34.5 V/m; Power Drift = -0.024 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 33.1	Grid 2 33.1	Grid 3 29.3
Grid 4 33.4	Grid 5 33.3	Grid 6 29.4
Grid 7 30.1	Grid 8 29.4	Grid 9 26.7



0 dB = 0.139A/m

Date/Time: 7/28/2006 4:36:12 PM

Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-1900 ST Battery BackLitght OFF OPEN 07-28-06

Communication System: CDMA-1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-1900 ch25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.094 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.070 A/m; Power Drift = -0.069 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.120	Grid 2 0.084	Grid 3 0.054
Grid 4 0.131	Grid 5 0.093	Grid 6 0.056
Grid 7 0.134	Grid 8 0.094	Grid 9 0.058

CDMA-1900 ch25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 35.5 V/m

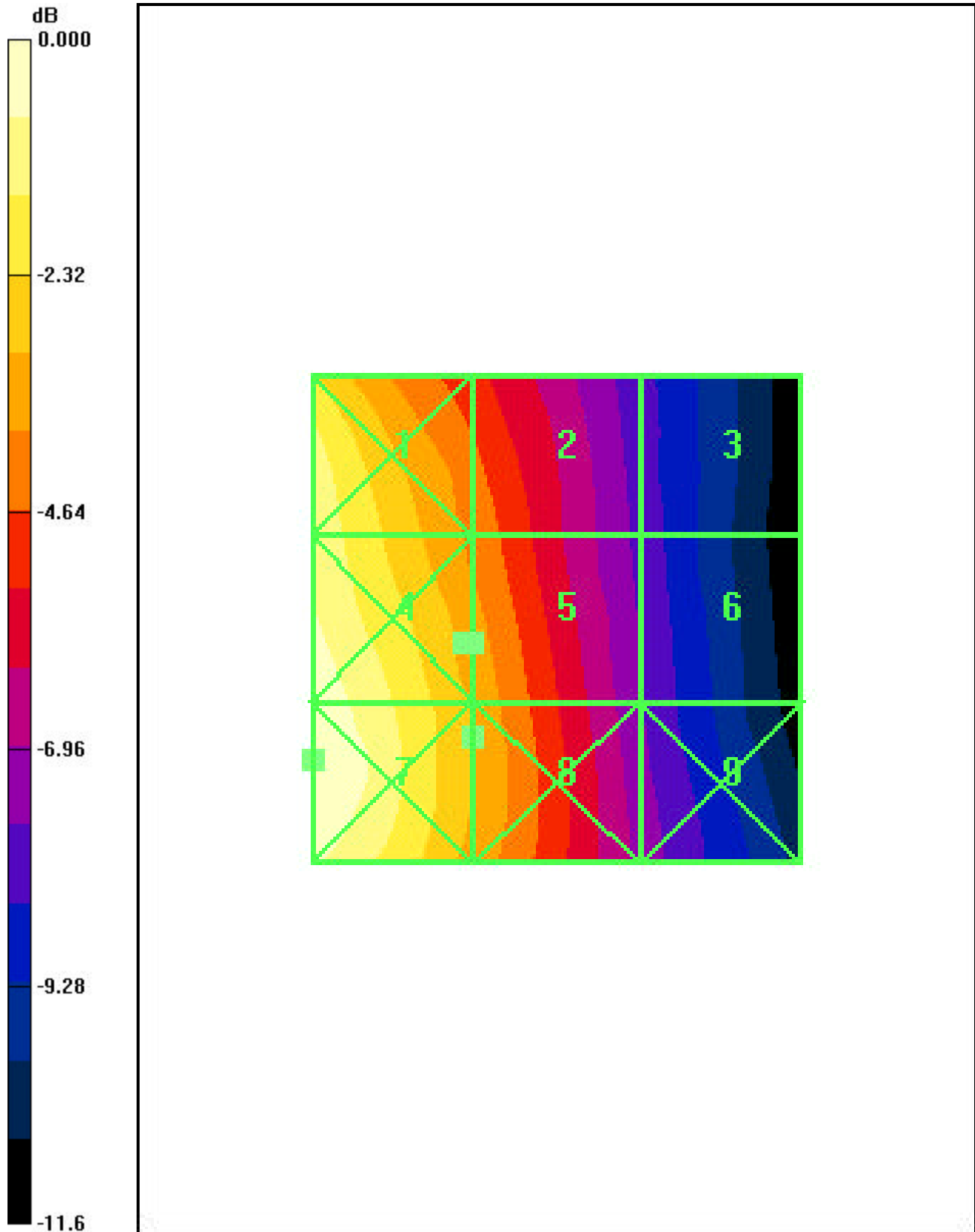
Probe Modulation Factor = 1.00

Reference Value = 33.9 V/m; Power Drift = -0.008 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 33.1	Grid 2 32.6	Grid 3 29.2
Grid 4 35.5	Grid 5 35.5	Grid 6 31.3
Grid 7 33.6	Grid 8 33.6	Grid 9 30.2



0 dB = 0.134A/m

Date/Time: 7/28/2006 4:41:46 PM

Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-1900 ST Battery BackLitght OFF OPEN 07-28-06

Communication System: CDMA-1900; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-1900 ch1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.097 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.077 A/m; Power Drift = 0.039 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.136	Grid 2 0.094	Grid 3 0.055
Grid 4 0.135	Grid 5 0.097	Grid 6 0.060
Grid 7 0.134	Grid 8 0.096	Grid 9 0.061

CDMA-1900 ch1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 32.9 V/m

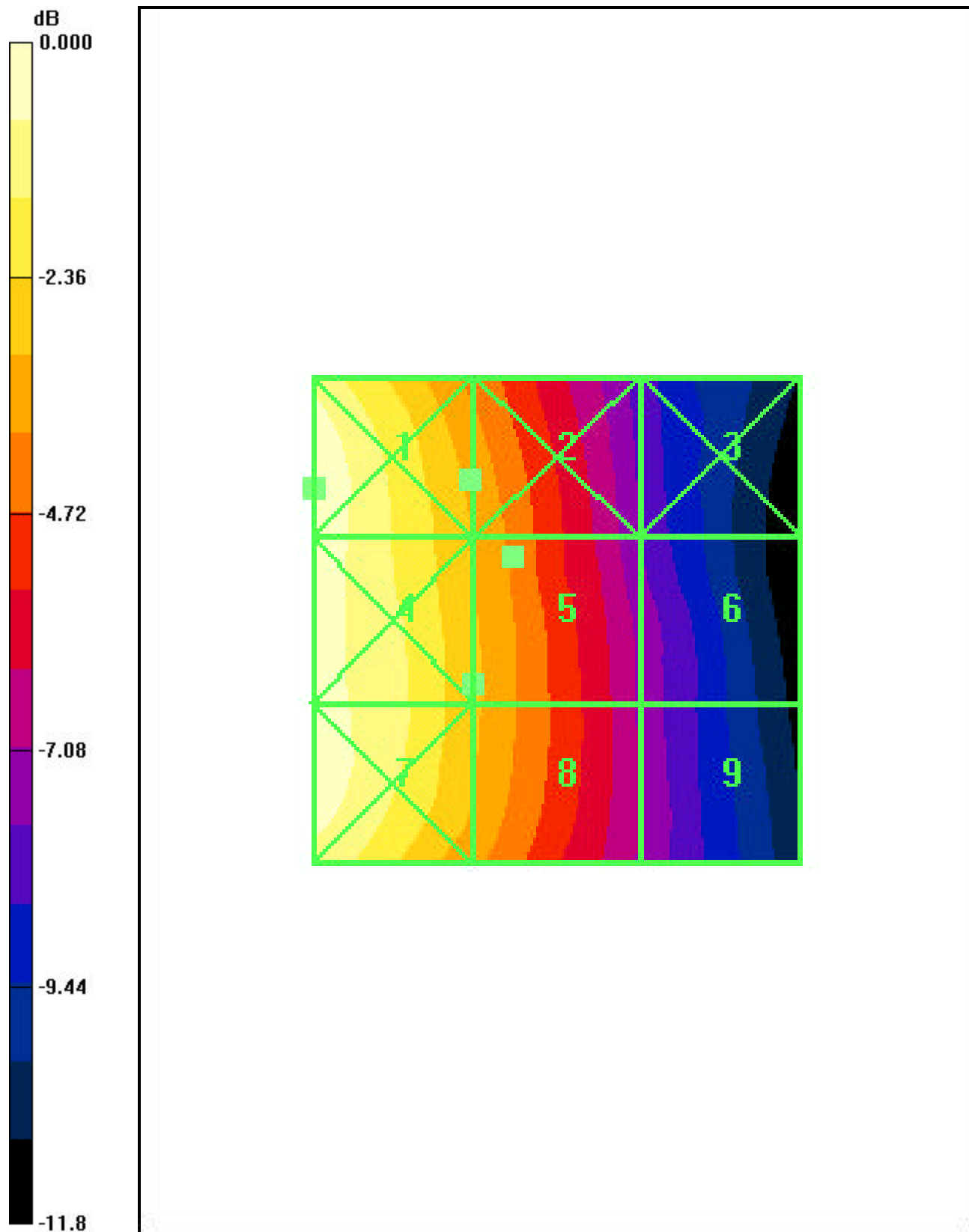
Probe Modulation Factor = 1.00

Reference Value = 34.1 V/m; Power Drift = 0.022 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 33.4	Grid 2 33.4	Grid 3 30.3
Grid 4 32.8	Grid 5 32.9	Grid 6 30.4
Grid 7 29.9	Grid 8 28.5	Grid 9 26.8



0 dB = 0.136A/m

Date/Time: 7/28/2006 2:14:20 PM

Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-1900 EXT Battery BackLight ON OPEN 07-28-06

Communication System: CDMA-1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-1900 ch25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.092 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.065 A/m; Power Drift = 0.078 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.108	Grid 2 0.078	Grid 3 0.048
Grid 4 0.123	Grid 5 0.088	Grid 6 0.054
Grid 7 0.130	Grid 8 0.092	Grid 9 0.058

CDMA-1900 ch25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 33.1 V/m

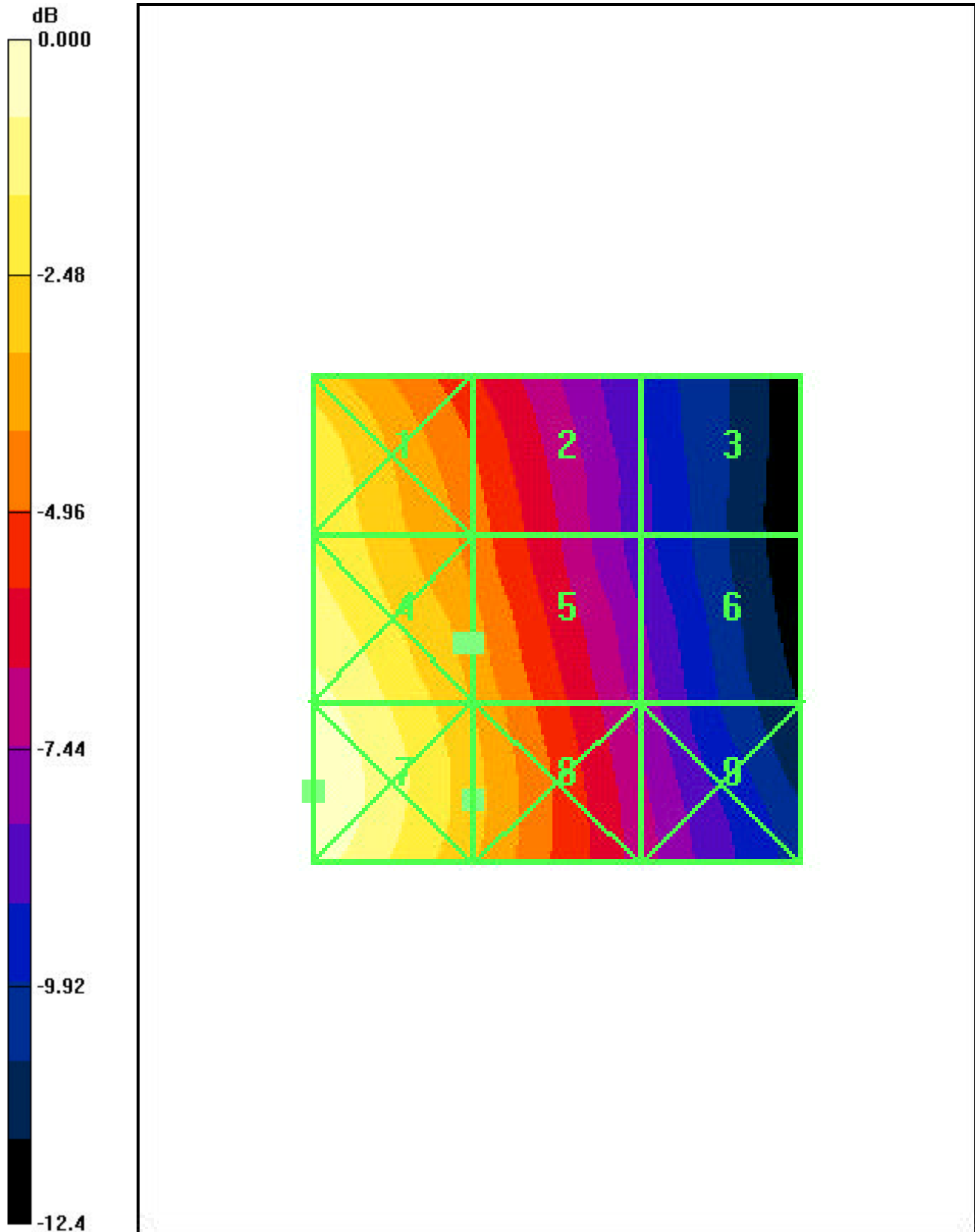
Probe Modulation Factor = 1.00

Reference Value = 31.7 V/m; Power Drift = -0.017 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 31.0	Grid 2 30.9	Grid 3 27.2
Grid 4 33.1	Grid 5 33.0	Grid 6 29.6
Grid 7 31.3	Grid 8 31.3	Grid 9 28.4



0 dB = 0.130A/m

Date/Time: 7/28/2006 2:21:42 PM

Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-1900 EXT Battery BackLight ON OPEN 07-28-06

Communication System: CDMA-1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123; Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004; Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-1900 ch1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.099 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.075 A/m; Power Drift = 0.064 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.129	Grid 2 0.090	Grid 3 0.056
Grid 4 0.132	Grid 5 0.099	Grid 6 0.063
Grid 7 0.133	Grid 8 0.099	Grid 9 0.063

CDMA-1900 ch1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 32.7 V/m

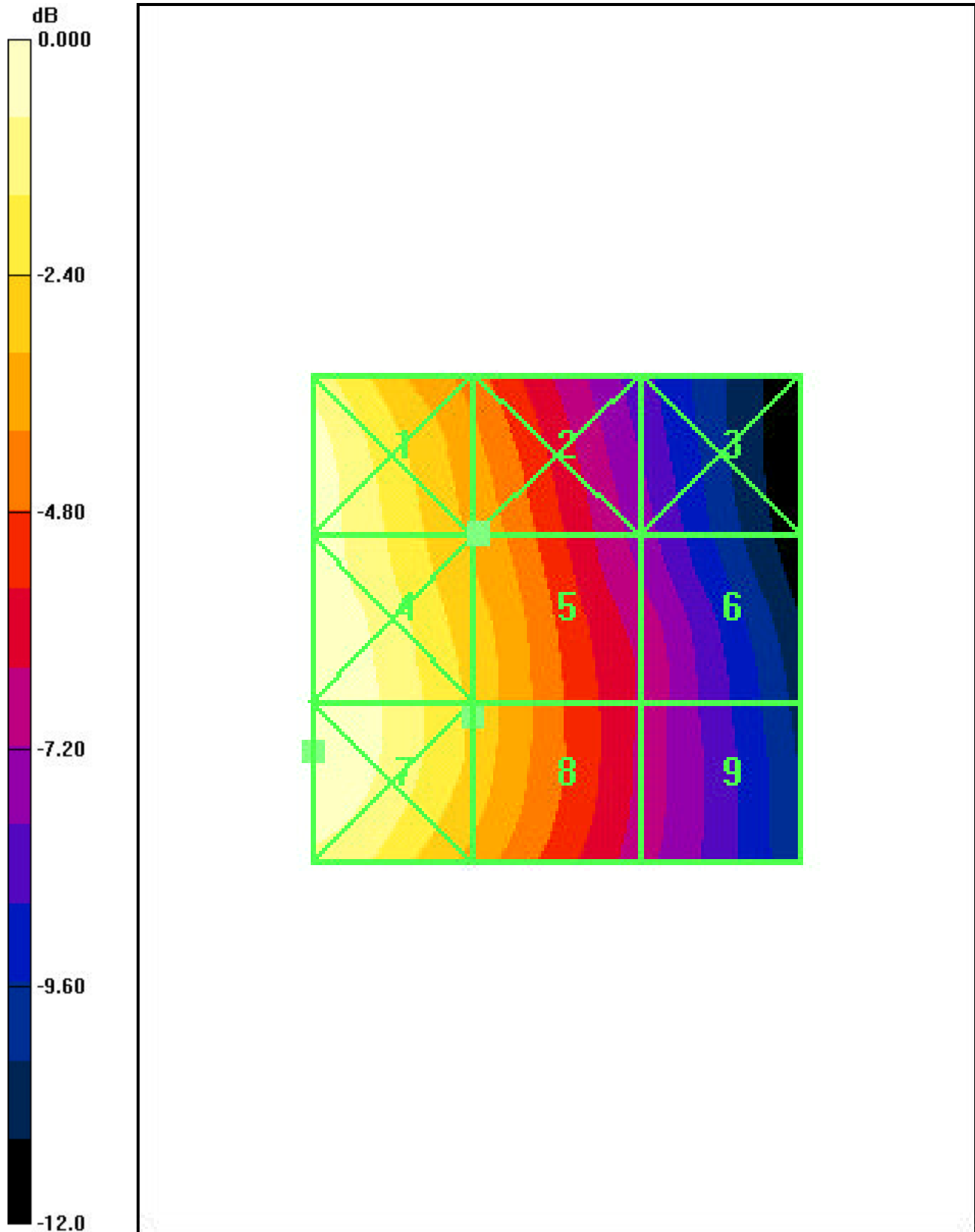
Probe Modulation Factor = 1.00

Reference Value = 32.5 V/m; Power Drift = 0.012 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 32.7	Grid 2 32.7	Grid 3 29.2
Grid 4 32.7	Grid 5 32.7	Grid 6 29.5
Grid 7 28.2	Grid 8 28.2	Grid 9 26.4



0 dB = 0.133A/m

Date/Time: 7/28/2006 2:31:31 PM

Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-1900 EXT Battery BackLight OFF OPEN 07-28-06

Communication System: CDMA-1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-1900 ch25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.093 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.067 A/m; Power Drift = -0.097 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.108	Grid 2 0.077	Grid 3 0.049
Grid 4 0.125	Grid 5 0.090	Grid 6 0.055
Grid 7 0.131	Grid 8 0.093	Grid 9 0.059

CDMA-1900 ch25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 33.1 V/m

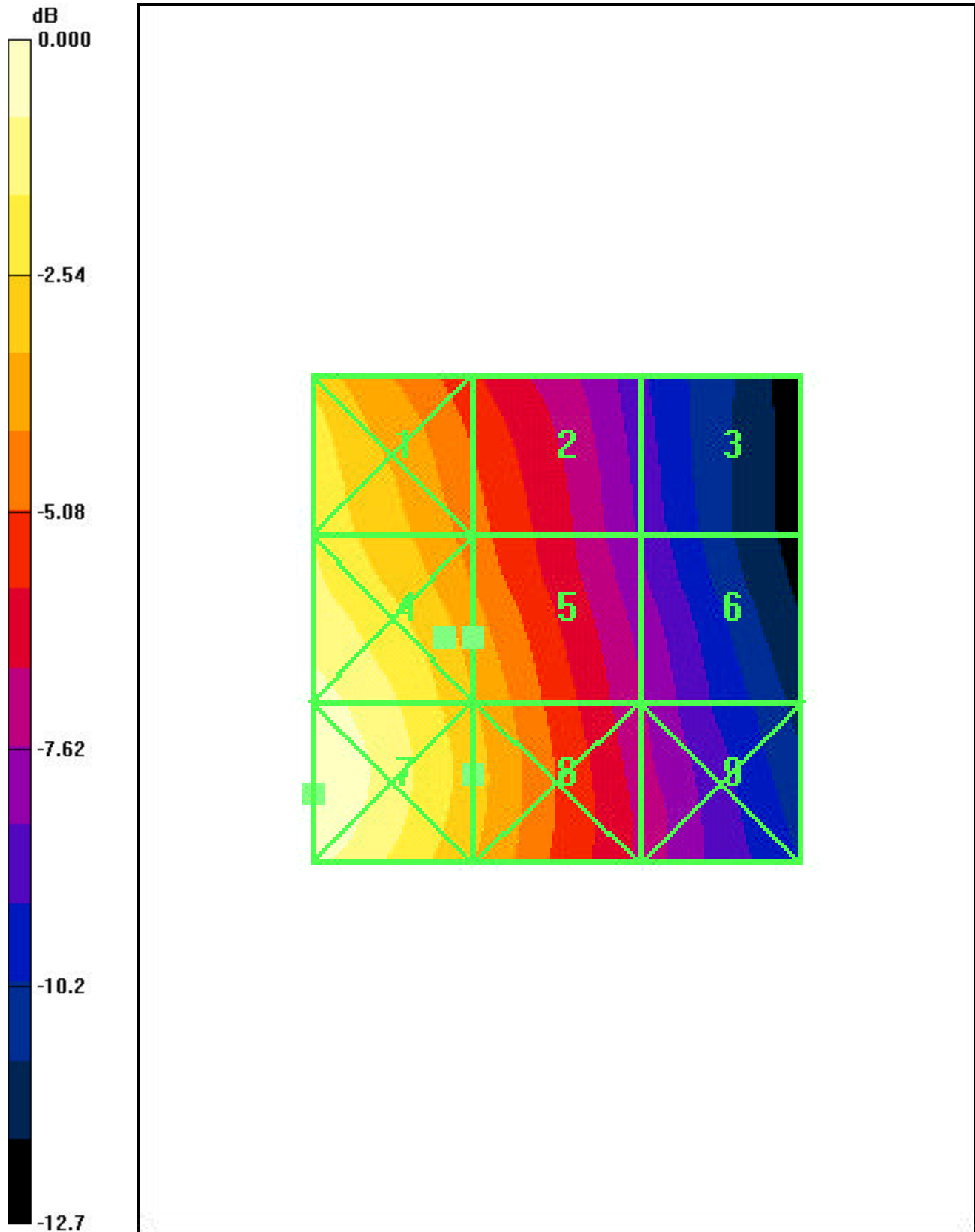
Probe Modulation Factor = 1.00

Reference Value = 32.5 V/m; Power Drift = 0.028 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 31.4	Grid 2 30.7	Grid 3 26.8
Grid 4 33.1	Grid 5 32.8	Grid 6 28.2
Grid 7 31.1	Grid 8 31.0	Grid 9 27.4



0 dB = 0.131A/m

Date/Time: 7/28/2006 2:36:30 PM

Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-1900 EXT Battery BackLight OFF OPEN 07-28-06

Communication System: CDMA-1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-1900 ch1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.094 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.074 A/m; Power Drift = 0.085 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.129	Grid 2 0.086	Grid 3 0.055
Grid 4 0.130	Grid 5 0.094	Grid 6 0.060
Grid 7 0.130	Grid 8 0.094	Grid 9 0.061

CDMA-1900 ch1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 33.3 V/m

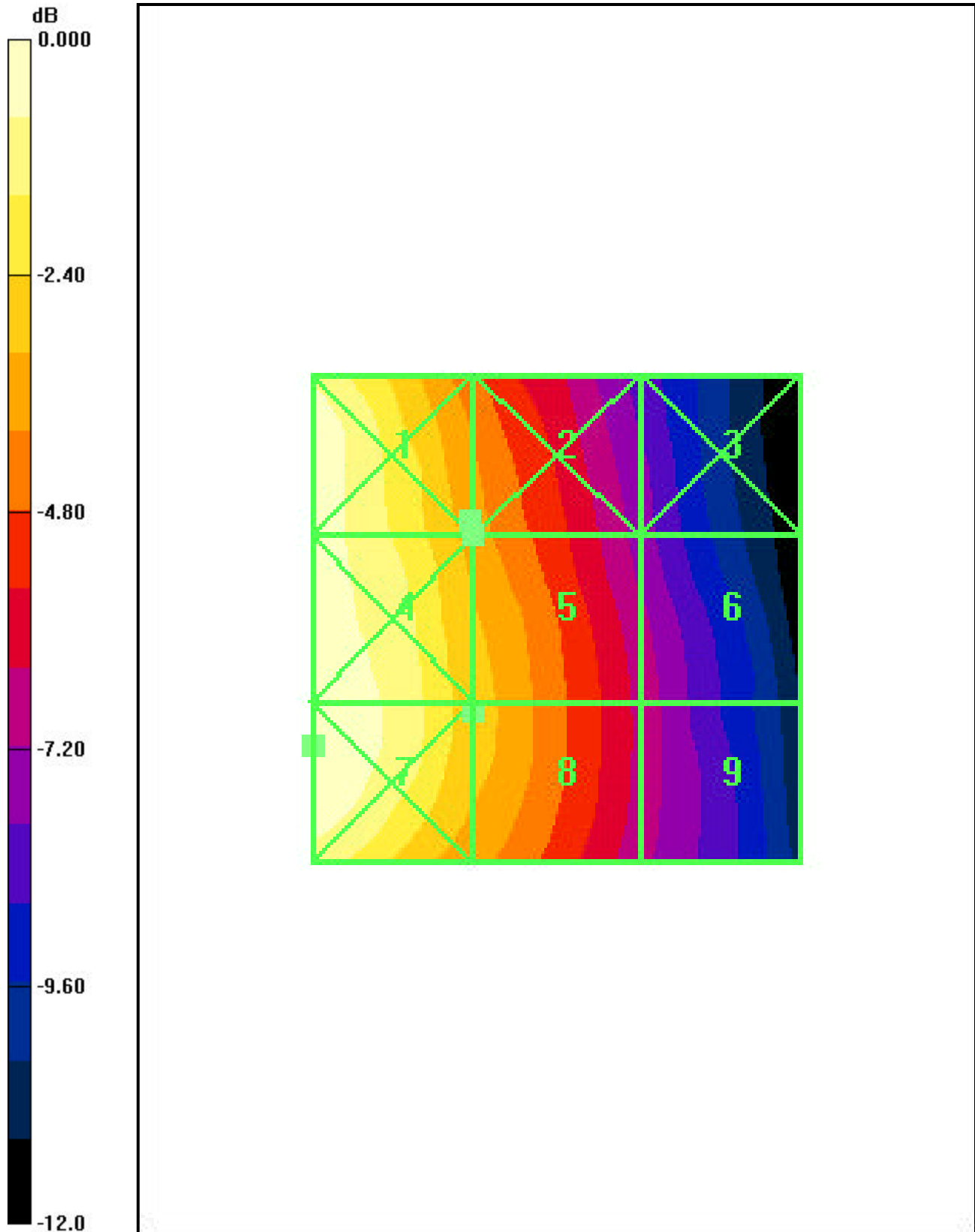
Probe Modulation Factor = 1.00

Reference Value = 32.2 V/m; Power Drift = -0.092 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 33.3	Grid 2 33.3	Grid 3 29.5
Grid 4 33.3	Grid 5 33.2	Grid 6 29.5
Grid 7 28.7	Grid 8 28.2	Grid 9 25.1



0 dB = 0.130A/m

Date/Time: 7/31/2006 2:55:19 PM

Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-1900 BT ON ST Battery BackLitght ON OPEN 07-31-06

Communication System: CDMA-1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-1900 ch25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.093 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.071 A/m; Power Drift = -0.016 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.115	Grid 2 0.086	Grid 3 0.058
Grid 4 0.126	Grid 5 0.093	Grid 6 0.059
Grid 7 0.129	Grid 8 0.093	Grid 9 0.059

CDMA-1900 ch25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 33.7 V/m

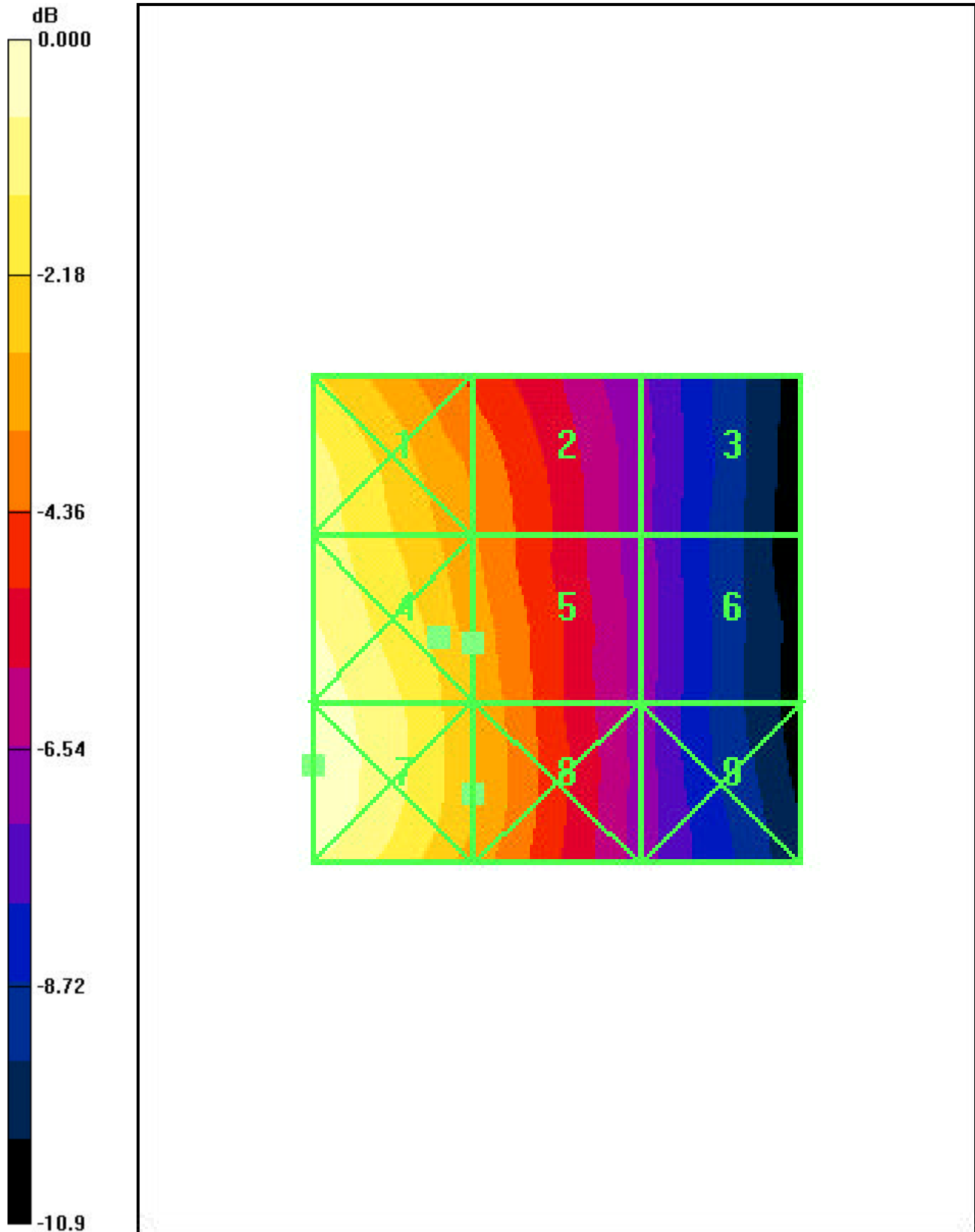
Probe Modulation Factor = 1.00

Reference Value = 34.1 V/m; Power Drift = -0.054 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 32.2	Grid 2 31.3	Grid 3 27.3
Grid 4 33.7	Grid 5 33.7	Grid 6 29.7
Grid 7 31.9	Grid 8 31.9	Grid 9 28.7



0 dB = 0.129A/m

Date/Time: 7/31/2006 3:01:49 PM

Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-1900 BT ON ST Battery BackLitght ON OPEN 07-31-06

Communication System: CDMA-1900; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-1900 ch1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.095 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.078 A/m; Power Drift = 0.000 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.130	Grid 2 0.093	Grid 3 0.057
Grid 4 0.130	Grid 5 0.095	Grid 6 0.061
Grid 7 0.128	Grid 8 0.094	Grid 9 0.061

CDMA-1900 ch1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 34.7 V/m

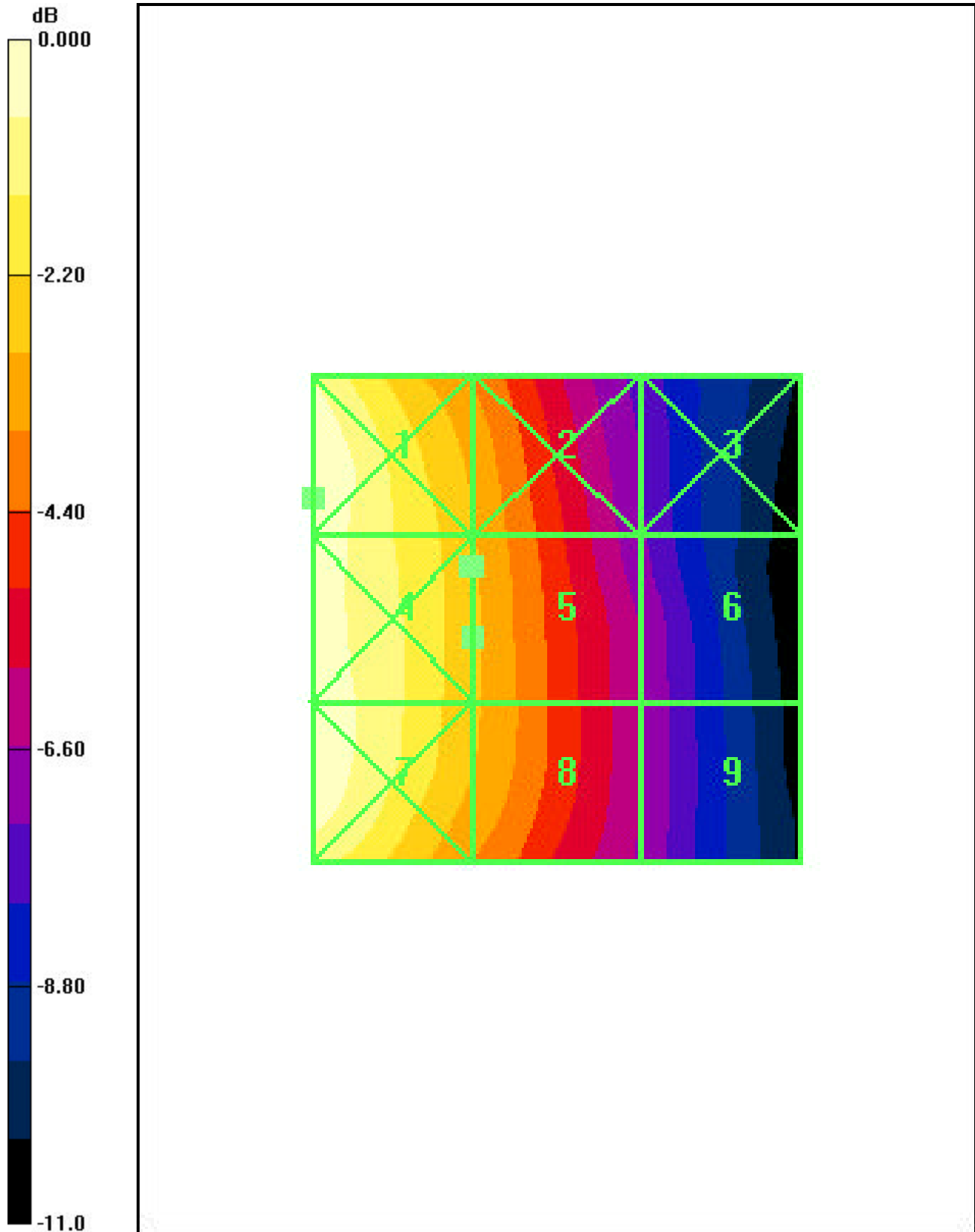
Probe Modulation Factor = 1.00

Reference Value = 34.2 V/m; Power Drift = 0.062 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 34.6	Grid 2 34.6	Grid 3 30.2
Grid 4 34.7	Grid 5 34.7	Grid 6 30.5
Grid 7 30.5	Grid 8 30.5	Grid 9 27.6



0 dB = 0.130A/m

Date/Time: 7/28/2006 12:03:02 PM

Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-1900 ST Battery BackLight ON OPEN 07-28-06

Communication System: CDMA-1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-1900 ch25 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.092 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.069 A/m; Power Drift = 0.100 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.114	Grid 2 0.079	Grid 3 0.051
Grid 4 0.128	Grid 5 0.090	Grid 6 0.056
Grid 7 0.134	Grid 8 0.092	Grid 9 0.059

CDMA-1900 ch25 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 35.1 V/m

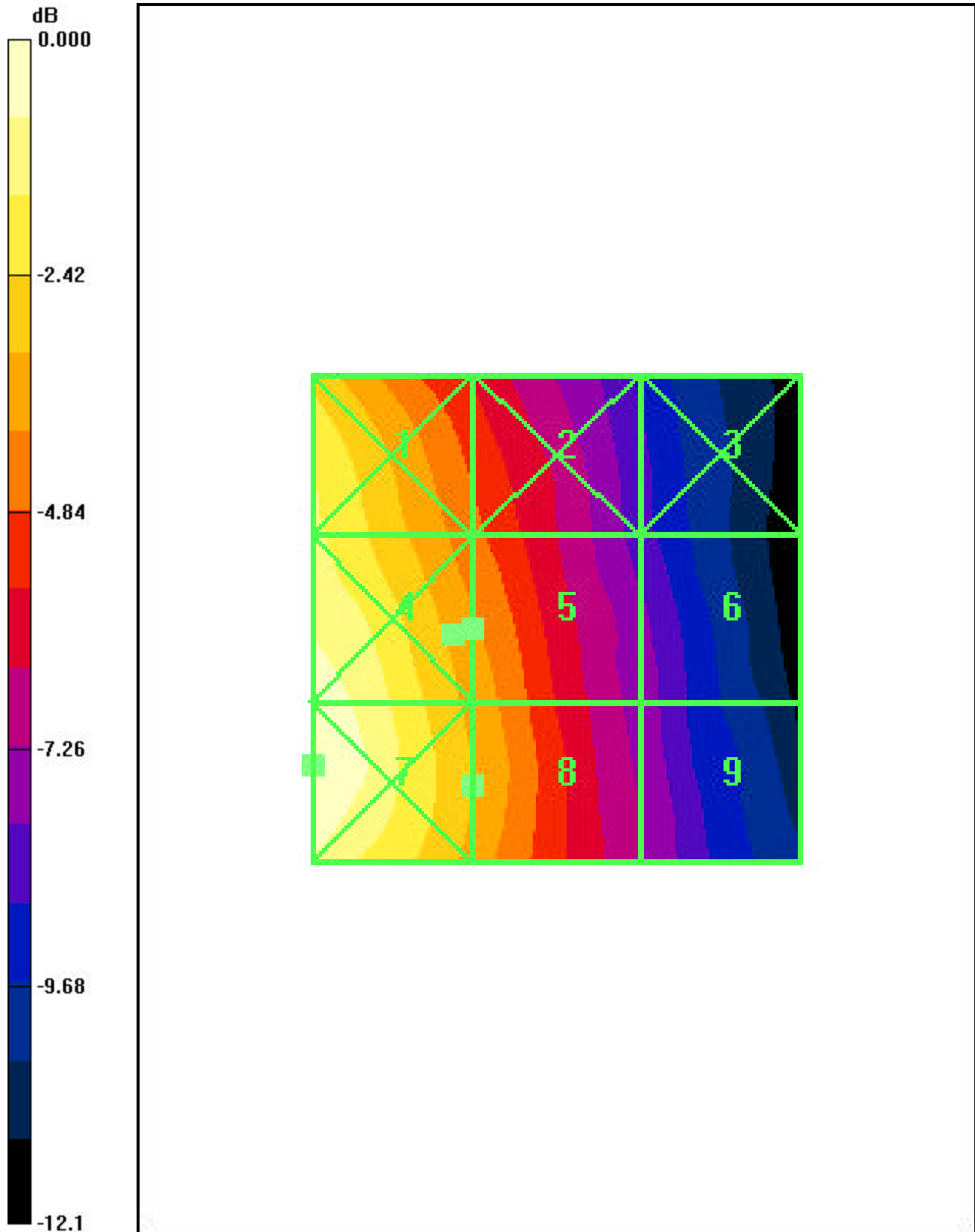
Probe Modulation Factor = 1.00

Reference Value = 33.8 V/m; Power Drift = -0.038 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 33.4	Grid 2 33.0	Grid 3 28.8
Grid 4 35.1	Grid 5 34.9	Grid 6 30.8
Grid 7 32.9	Grid 8 32.7	Grid 9 29.6



0 dB = 0.134A/m

Date/Time: 7/28/2006 1:20:15 PM

Test Laboratory: Kyocera Wireless Corp.

H-FIELD_H_Device, Thunder_Sabre #9823 CDMA-1900 ST Battery BackLight ON OPEN 07-28-06

Communication System: CDMA-1900; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom section: H Device Section Phantom section: E Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); Calibrated: 9/2/2004Calibrated: 10/21/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

CDMA-1900 ch1175 (360 degree)/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

Reference Value = 0.078 A/m; Power Drift = -0.079 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.133	Grid 2 0.095	Grid 3 0.056
Grid 4 0.133	Grid 5 0.102	Grid 6 0.062
Grid 7 0.135	Grid 8 0.102	Grid 9 0.063

CDMA-1900 ch1175 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 33.5 V/m

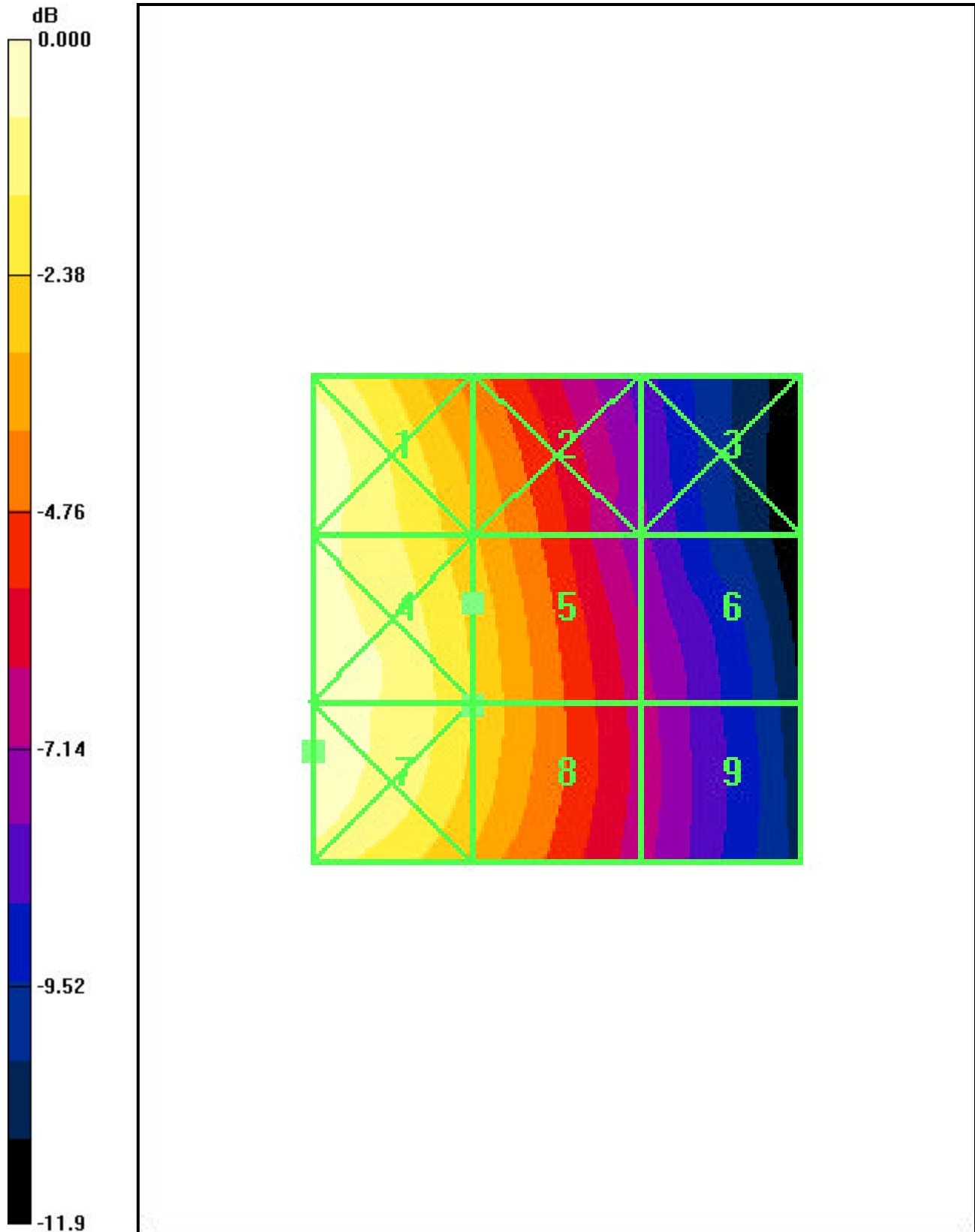
Probe Modulation Factor = 1.00

Reference Value = 33.8 V/m; Power Drift = -0.038 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 33.0	Grid 2 33.0	Grid 3 29.8
Grid 4 33.5	Grid 5 33.5	Grid 6 29.8
Grid 7 31.0	Grid 8 29.7	Grid 9 27.1



0 dB = 0.135A/m

