

Test Laboratory: Kyocera Wireless Corporation

File Name: [Validation_E_Dipole_Probe SN2282, Dipole SN1020, set to probe sensor center for 835Mhz 05-17-06.da4](#)

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

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

Phantom section: E Dipole Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); 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, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

E Scan 10mm above CD835MHz/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 176.6 V/m

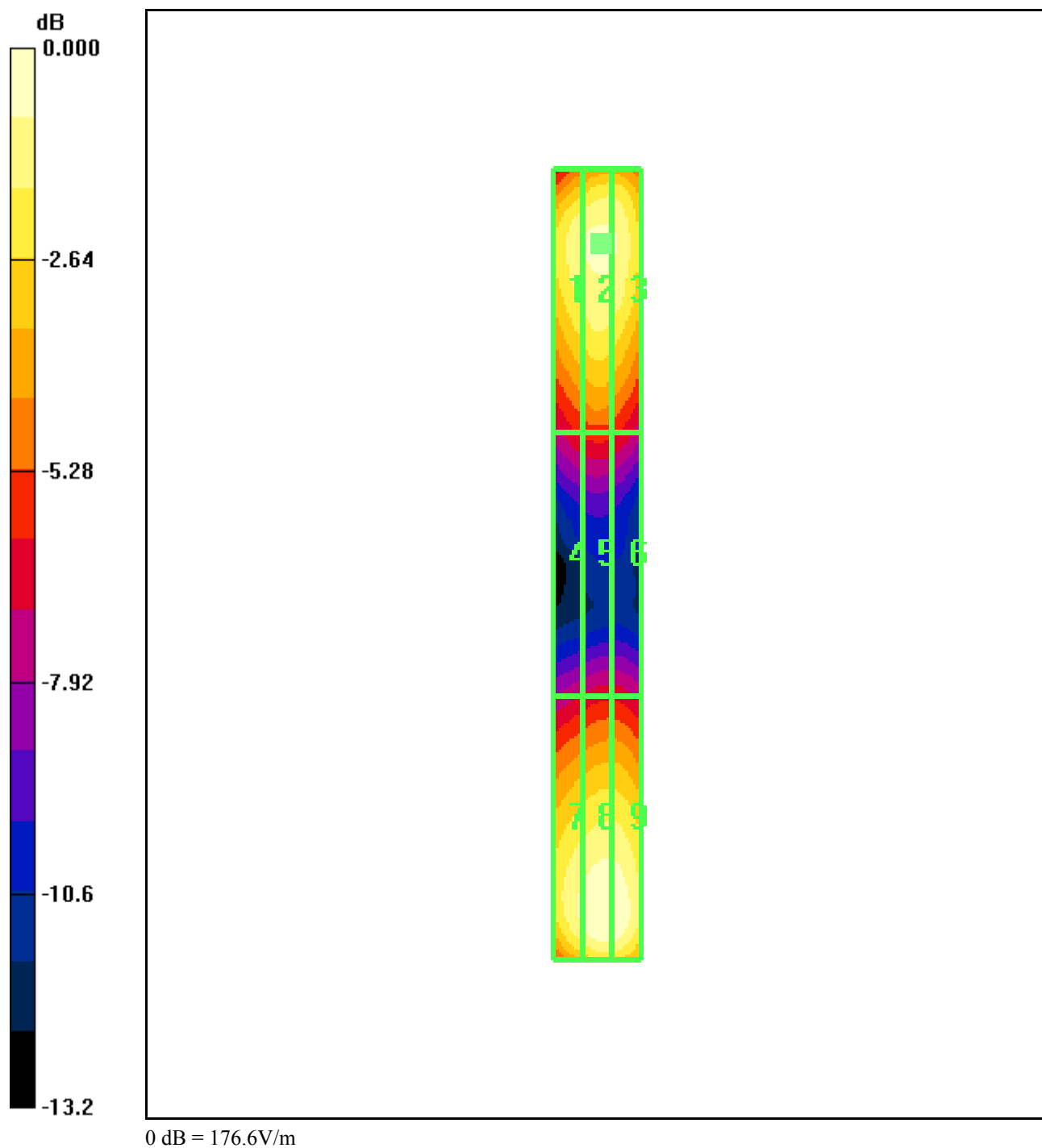
Probe Modulation Factor = 1.00

Reference Value = 52.1 V/m; Power Drift = 0.022 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
158.8	164.1	162.3
Grid 4	Grid 5	Grid 6
89.3	92.1	90.1
Grid 7	Grid 8	Grid 9
164.6	176.6	175.9



Test Laboratory: Kyocera Wireless Corporation

File Name: Validation_E_Dipole_Probe SN2282, Dipole SN1015, set to probe sensor center for 1880Mhz, 05-17-06.da4

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

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

Phantom section: E Dipole Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); 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, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

E Scan 10mm above CD1880MHz/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 143.7 V/m

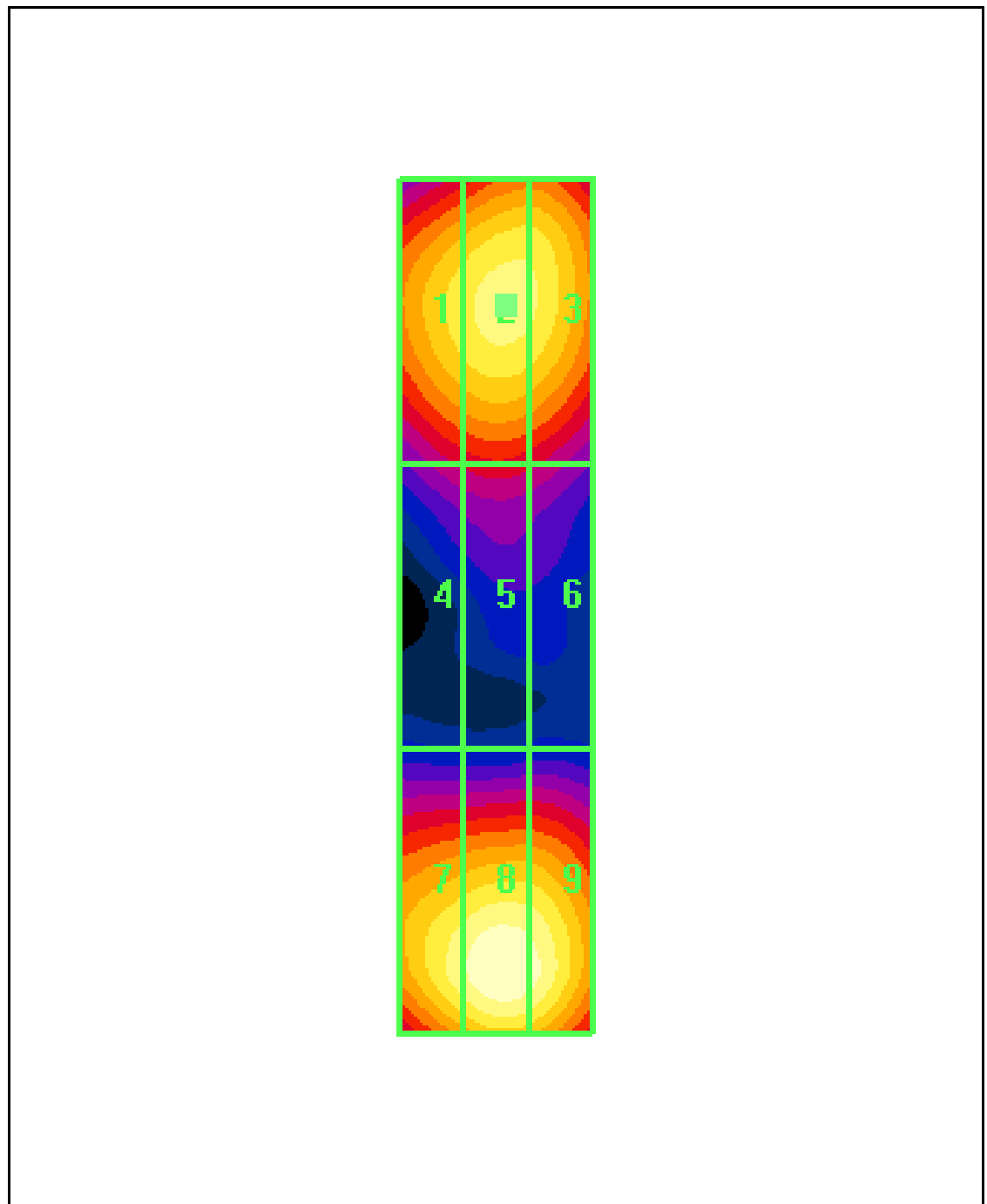
Probe Modulation Factor = 1.00

Reference Value = 69.5 V/m; Power Drift = 0.096 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
124.1	130.7	128.8
Grid 4	Grid 5	Grid 6
88.6	91.8	88.7
Grid 7	Grid 8	Grid 9
133.8	143.7	139.5



0 dB = 143.7V/m

Test Laboratory: Kyocera Wireless Corporation

File Name: [Validation_H_Dipole_Probe SN6029, Dipole SN1020, set to probe sensor center for 835Mhz, 05-17-06.da4](#)

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

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

Phantom section: H Dipole Section

DASY4 Configuration:

- Probe: H3DV5 - SN6029; ; Calibrated: 6/13/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

H Scan 10mm above CD835MHz/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.495 A/m

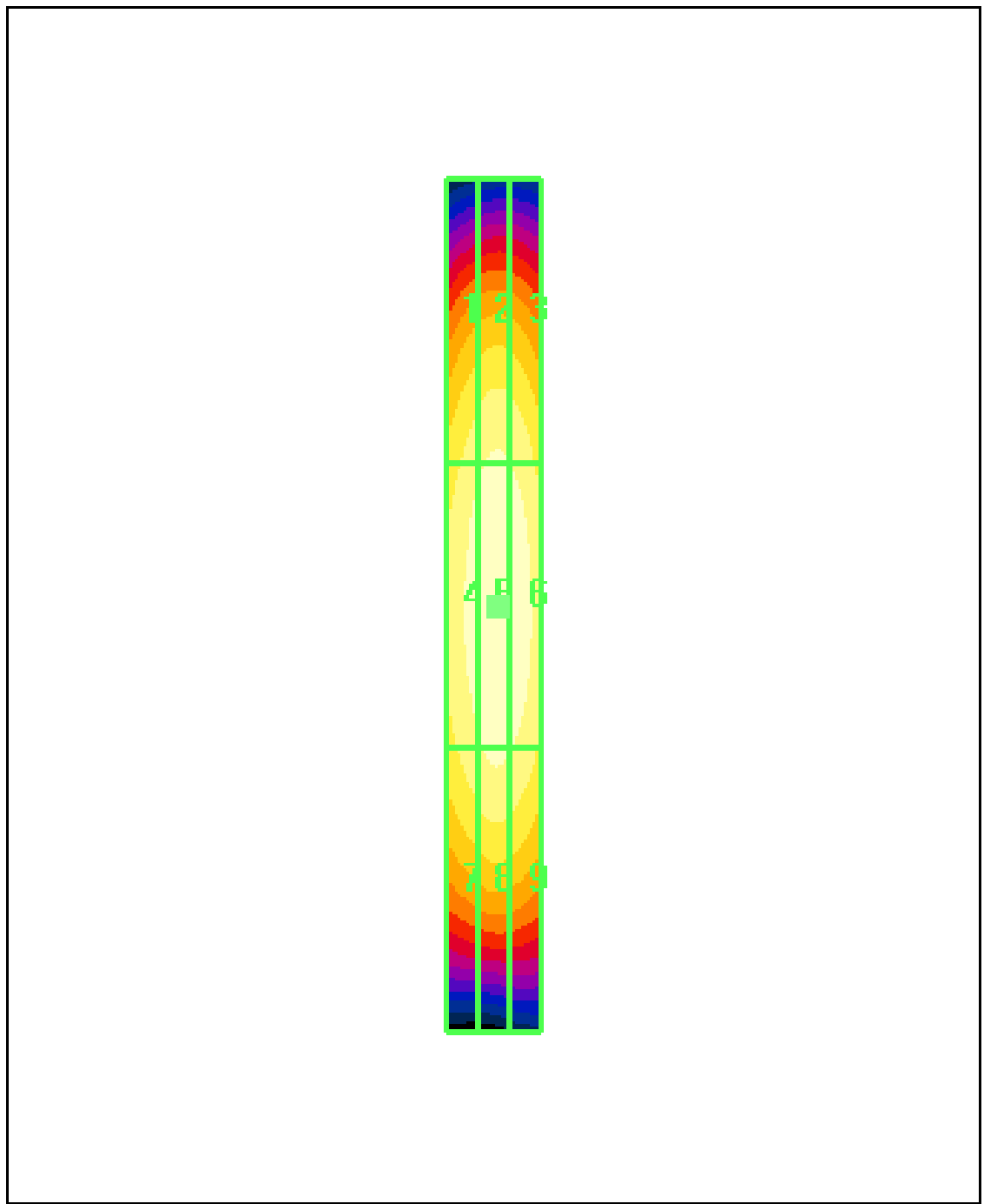
Probe Modulation Factor = 1.00

Reference Value = 0.517 A/m; Power Drift = 0.078 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.399	0.430	0.418
Grid 4	Grid 5	Grid 6
0.458	0.495	0.479
Grid 7	Grid 8	Grid 9
0.402	0.435	0.421



0 dB = 0.495A/m

Test Laboratory: Kyocera Wireless Corporation

File Name: [Validation_H_Dipole_Probe SN6029, Dipole SN1015, set to probe sensor center for 1880Mhz, 05-17-06.da4](#)

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

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

Phantom section: H Dipole Section

DASY4 Configuration:

- Probe: H3DV5 - SN6029; ; Calibrated: 6/13/2005

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn530; Calibrated: 1/16/2006

- Phantom: HAC Test Arch; Type: SD HAC P01 BA;

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

H Scan 10mm above CD1880MHz/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.492 A/m

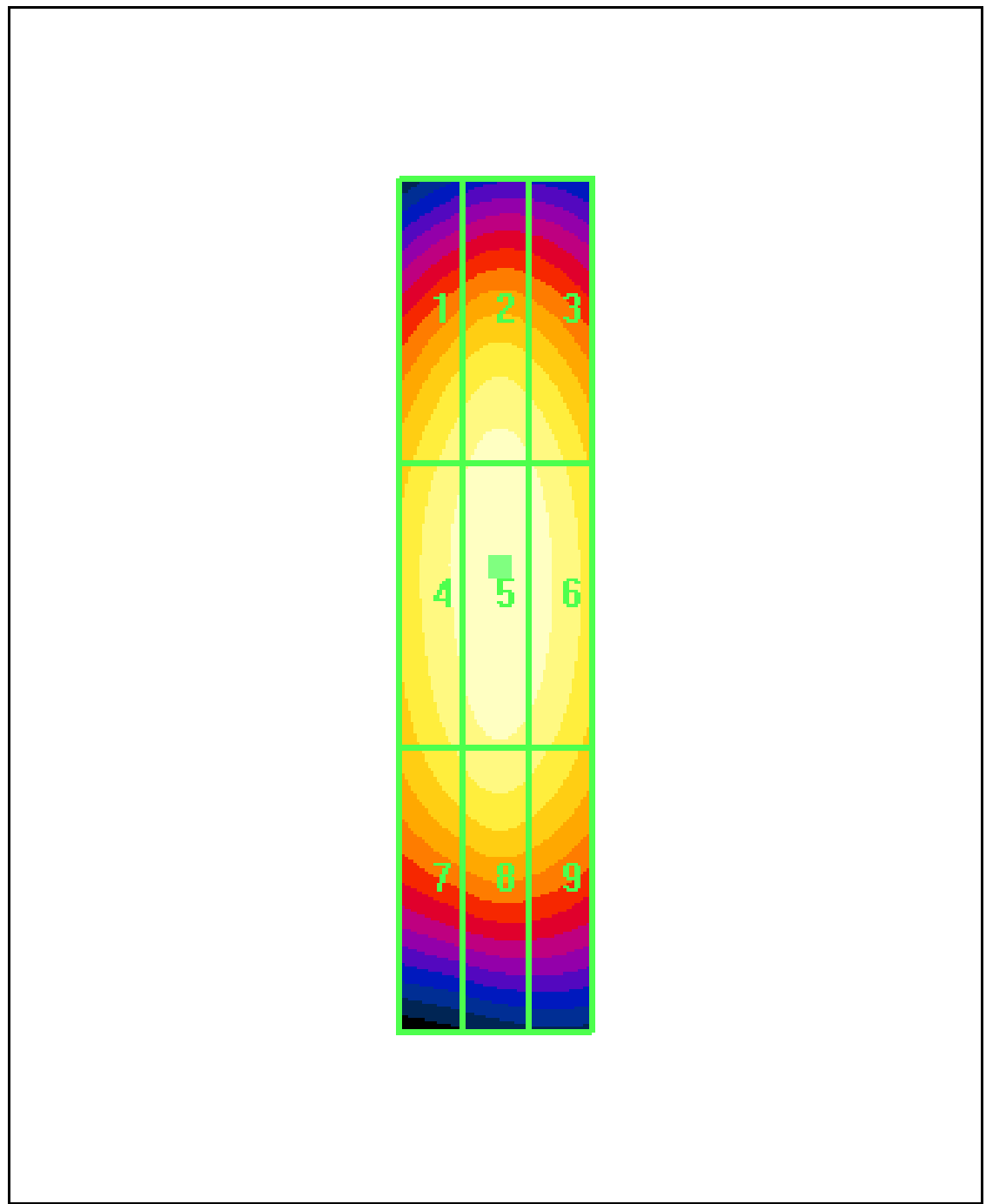
Probe Modulation Factor = 1.00

Reference Value = 0.487 A/m; Power Drift = 0.013 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.431	0.467	0.446
Grid 4	Grid 5	Grid 6
0.459	0.492	0.472
Grid 7	Grid 8	Grid 9
0.406	0.435	0.418



0 dB = 0.492A/m

Test Laboratory: Kyocera Wireless Corporation

File Name: [Validation_E_Dipole_Probe SN2282, Dipole SN1020, set to probe sensor center for 835Mhz 05-22-06.da4](#)

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

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

Phantom section: E Dipole Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); 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, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

E Scan 10mm above CD835MHz/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 176.0 V/m

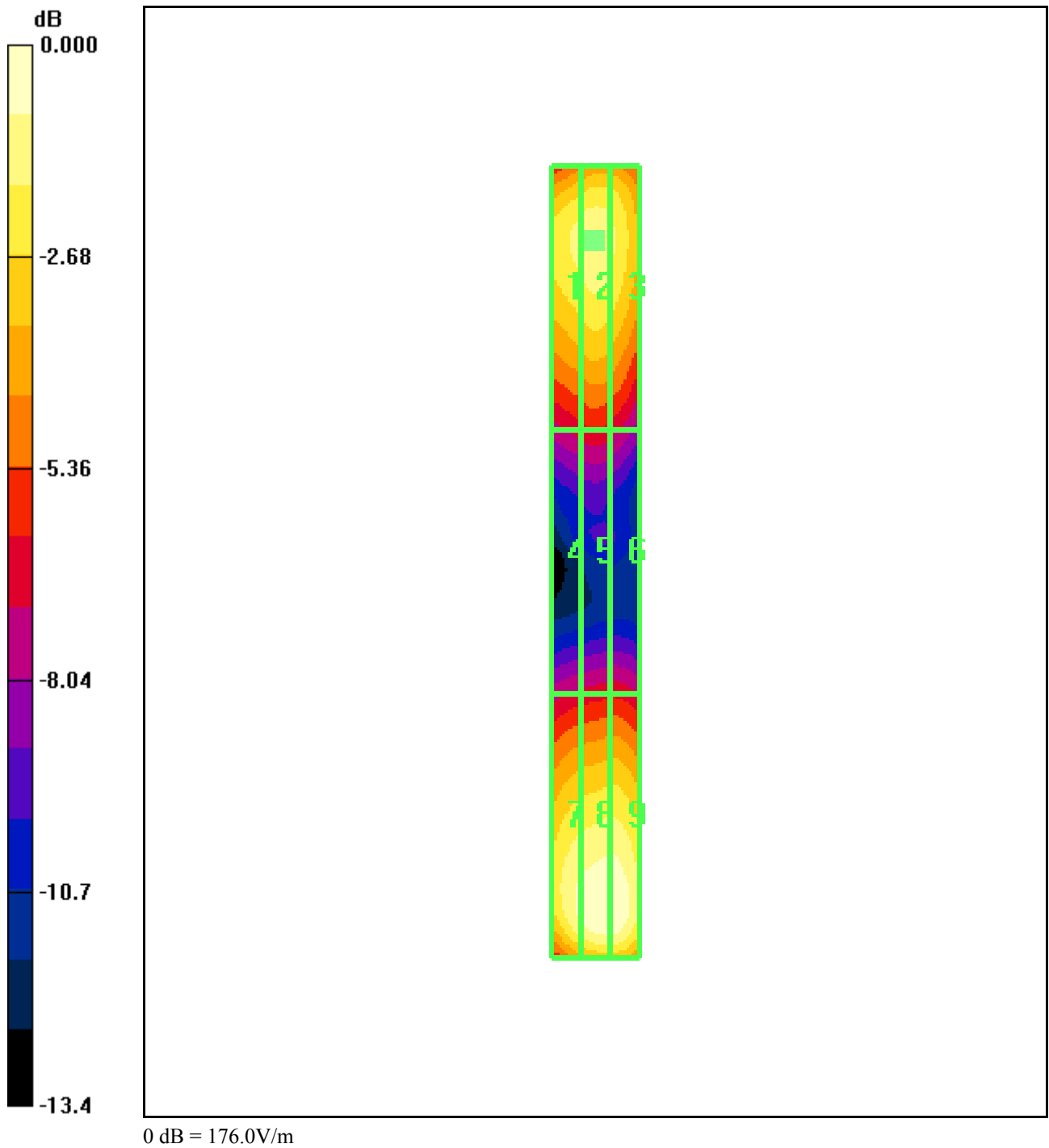
Probe Modulation Factor = 1.00

Reference Value = 50.9 V/m; Power Drift = 0.001 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
148.9	153.8	147.0
Grid 4	Grid 5	Grid 6
81.8	85.4	84.3
Grid 7	Grid 8	Grid 9
164.0	176.0	175.8



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File Name: [Validation_H_Dipole_Probe SN6029, Dipole SN1020, set to probe sensor center for 835Mhz, 05-22-06.da4](#)

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

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

Phantom section: H Dipole Section

DASY4 Configuration:

- Probe: H3DV5 - SN6029; ; Calibrated: 6/13/2005
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 1/16/2006
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

H Scan 10mm above CD835MHz/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.481 A/m

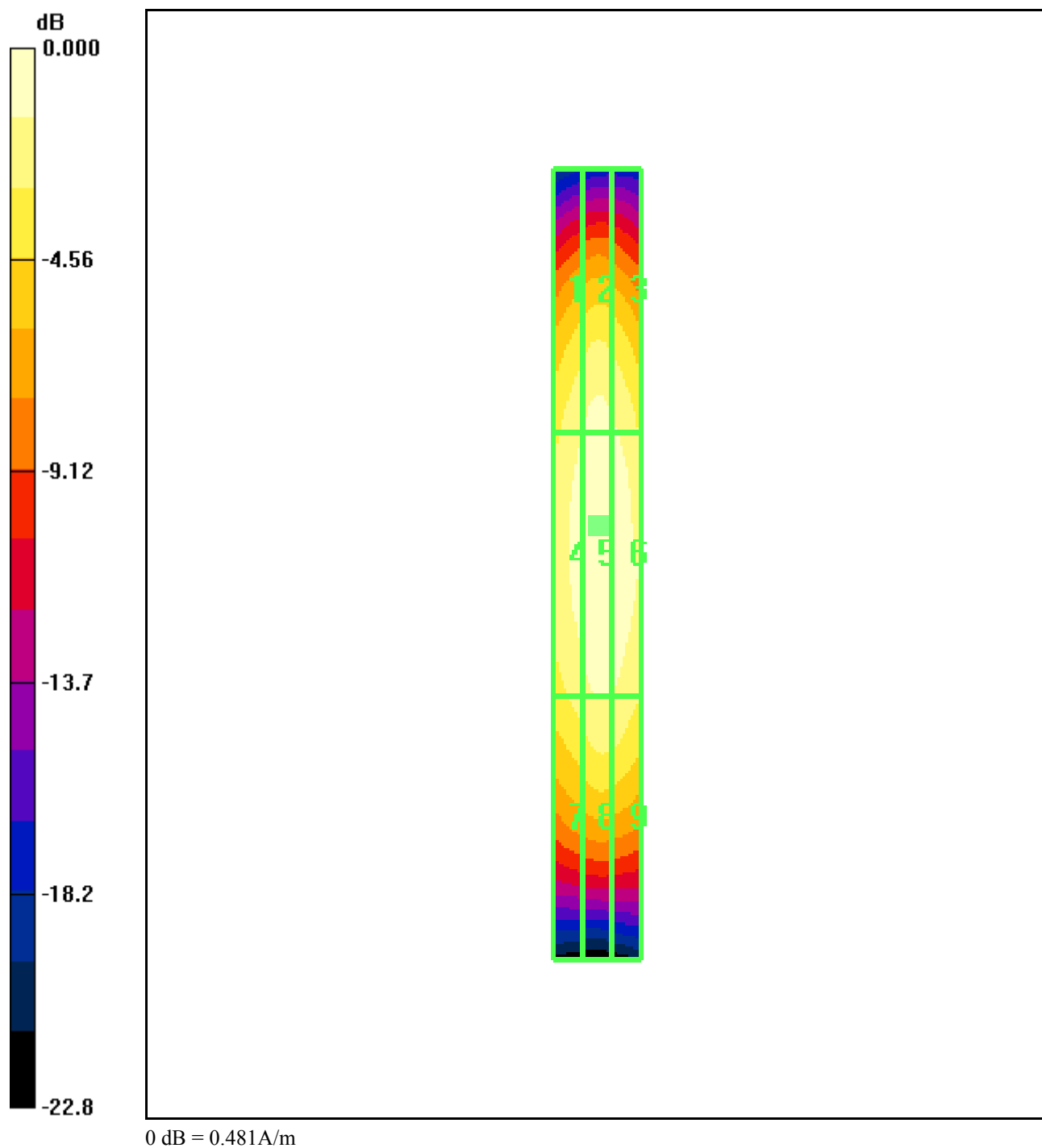
Probe Modulation Factor = 1.00

Reference Value = 0.486 A/m; Power Drift = -0.011 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.402	0.435	0.415
Grid 4	Grid 5	Grid 6
0.442	0.481	0.460
Grid 7	Grid 8	Grid 9
0.370	0.408	0.400



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File Name: [Validation_E_Dipole_Probe SN2282, Dipole SN1015, set to probe sensor center for 1880Mhz, 05-22-06.da4](#)

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

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

Phantom section: E Dipole Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2282; ConvF(1, 1, 1); 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, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

E Scan 10mm above CD1880MHz/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 145.9 V/m

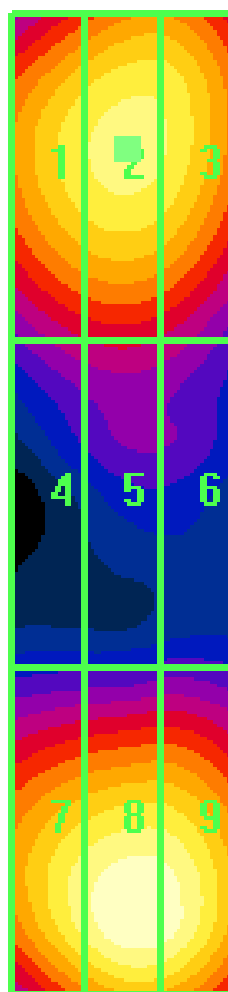
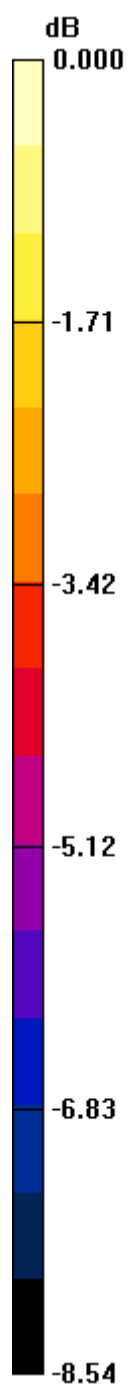
Probe Modulation Factor = 1.00

Reference Value = 68.3 V/m; Power Drift = -0.066 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
127.1	132.2	129.5
Grid 4	Grid 5	Grid 6
86.2	88.6	85.8
Grid 7	Grid 8	Grid 9
133.9	145.9	143.7



0 dB = 145.9V/m

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File Name: [Validation_H_Dipole_Probe SN6029, Dipole SN1015, set to probe sensor center for 1880Mhz, 05-22-06.da4](#)

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

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

Phantom section: H Dipole Section

DASY4 Configuration:

- Probe: H3DV5 - SN6029; ; Calibrated: 6/13/2005

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn530; Calibrated: 1/16/2006

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- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

H Scan 10mm above CD1880MHz/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.497 A/m

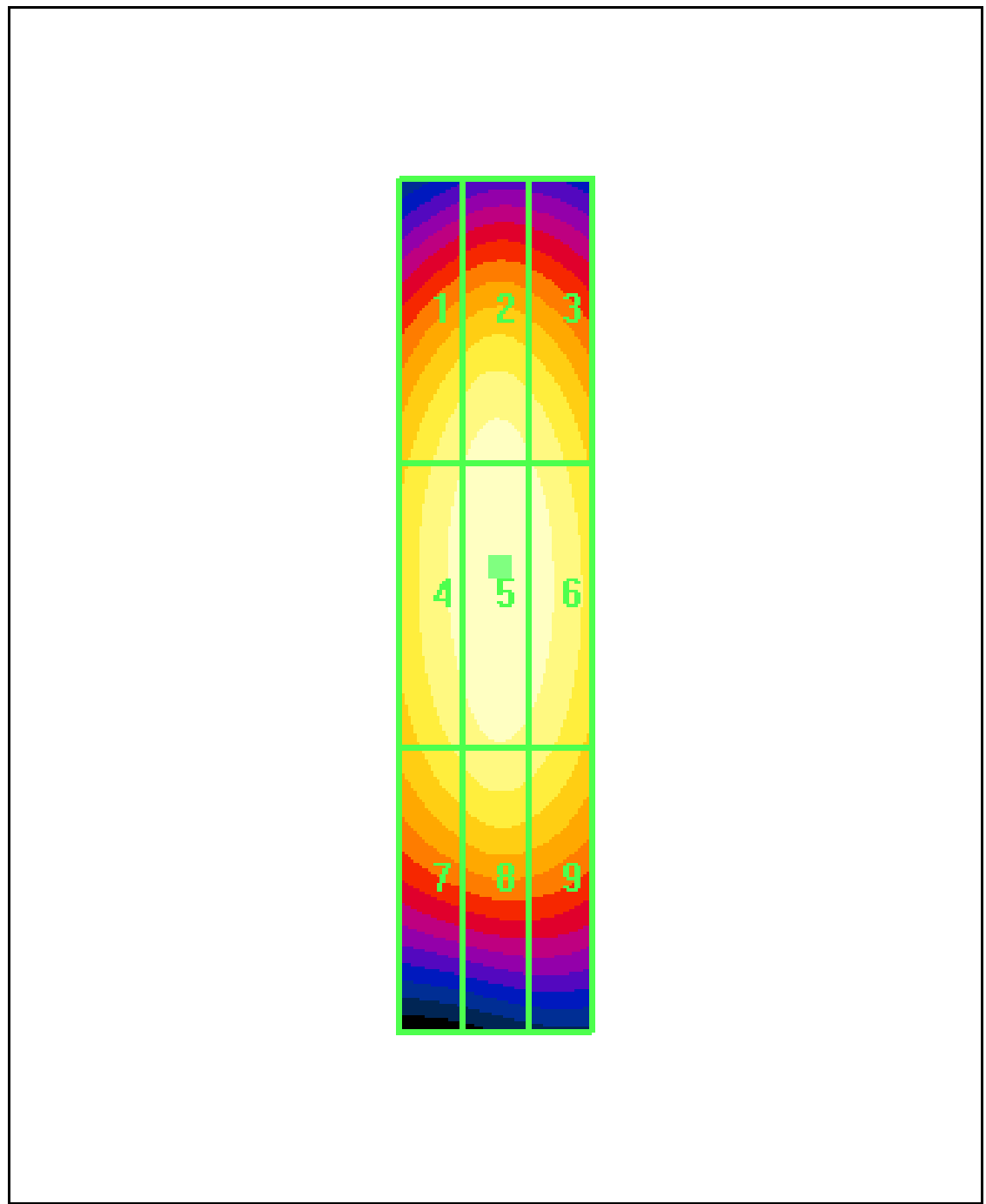
Probe Modulation Factor = 1.00

Reference Value = 0.497 A/m; Power Drift = -0.053 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.442	0.473	0.450
Grid 4	Grid 5	Grid 6
0.464	0.497	0.477
Grid 7	Grid 8	Grid 9
0.408	0.438	0.423



0 dB = 0.497A/m