

Date/Time: 1/16/2008 11:42:07 AM

File Name: [FCC_E-FIELD, S4000-DV1_#1087 Std Battery, CDMA-800, Jan 16, 08.da4](#)

File Name: [FCC_H-FIELD, S4000-DV1_#1087 Std Battery, CDMA-800, Jan 16, 08.da4](#)

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

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 section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007 Calibrated: 7/17/2007

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn494; Calibrated: 3/14/2007

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

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch1013_Backlight On/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 92.4 V/m

Probe Modulation Factor = 1.00

Reference Value = 97.5 V/m; Power Drift = -0.026 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
80.0	89.5	86.5
Grid 4	Grid 5	Grid 6
82.6	92.4	89.4
Grid 7	Grid 8	Grid 9
78.7	88.2	85.2

Ch1013_Backlight On/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

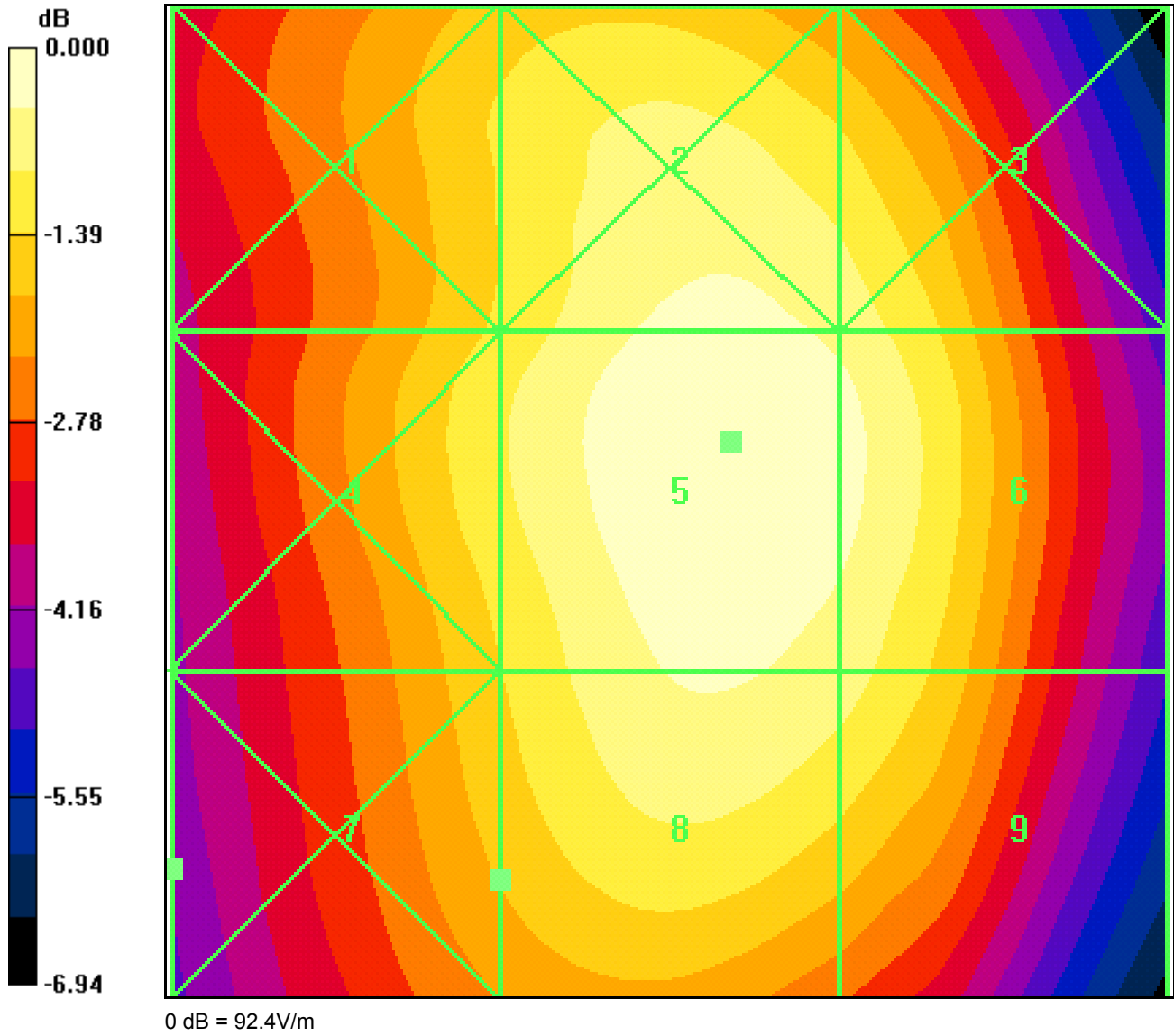
Maximum value of peak Total field = 0.152 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.109 A/m; Power Drift = 0.076 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.185	0.131	0.083
Grid 4	Grid 5	Grid 6
0.205	0.142	0.091
Grid 7	Grid 8	Grid 9
0.221	0.152	0.094



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File Name: [FCC_E-FIELD, S4000-DV1 #1087 Std Battery, CDMA-800, Jan 16, 08.da4](#)

File Name: [FCC_H-FIELD, S4000-DV1 #1087 Std Battery, CDMA-800, Jan 16, 08.da4](#)

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

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 section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007 Calibrated: 7/17/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch383_Backlight On/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 112.0 V/m

Probe Modulation Factor = 1.00

Reference Value = 116.1 V/m; Power Drift = 0.038 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
94.9	108.6	102.4
Grid 4	Grid 5	Grid 6
97.7	112.0	105.4
Grid 7	Grid 8	Grid 9
91.4	105.0	98.7

Ch383_Backlight On/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

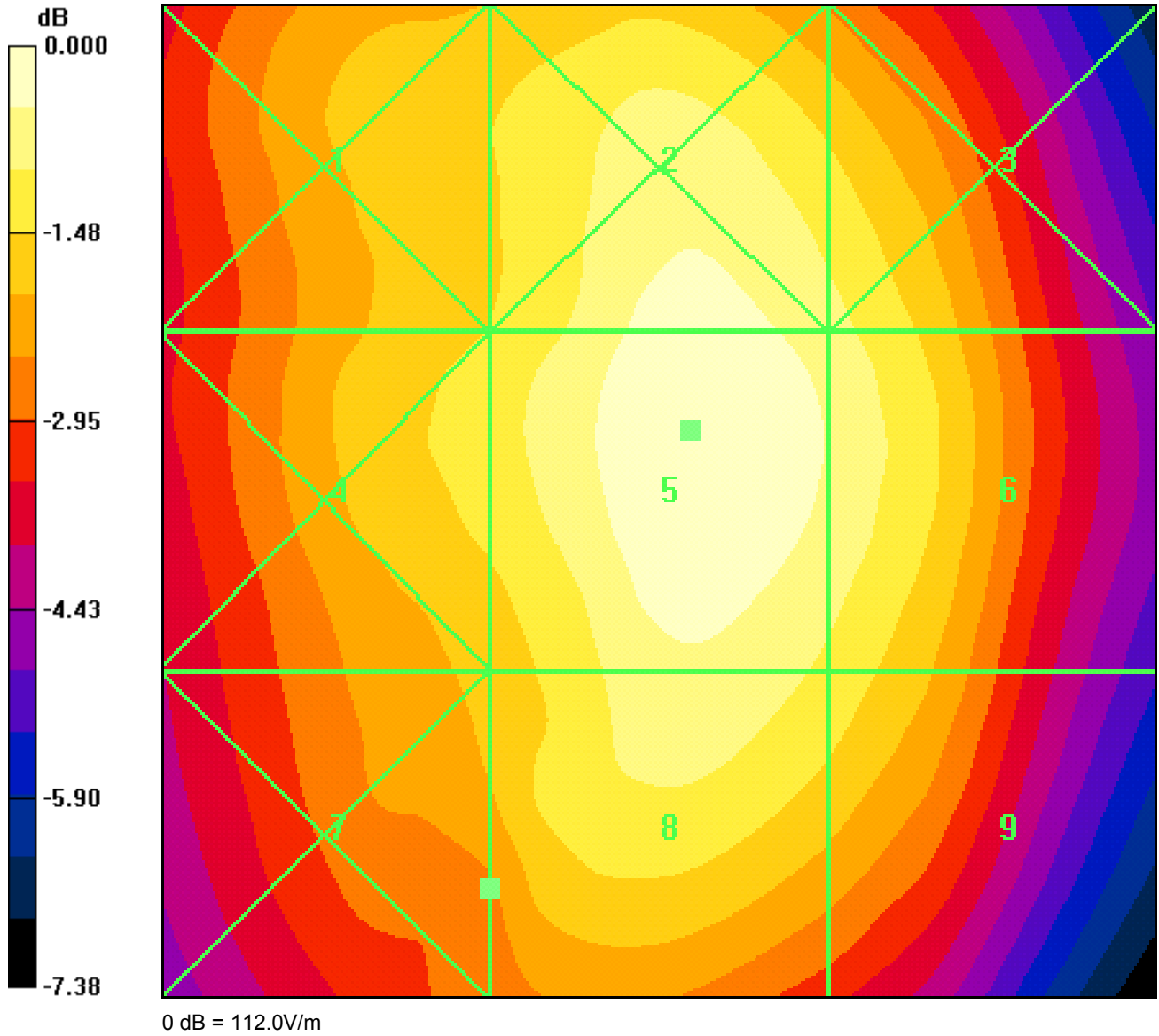
Maximum value of peak Total field = 0.175 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.124 A/m; Power Drift = -0.037 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.214	0.151	0.094
Grid 4	Grid 5	Grid 6
0.235	0.161	0.102
Grid 7	Grid 8	Grid 9
0.254	0.175	0.107



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File Name: [FCC_E-FIELD, S4000-DV1 #1087 Std Battery, CDMA-800, Jan 16, 08.da4](#)

File Name: [FCC_H-FIELD, S4000-DV1 #1087 Std Battery, CDMA-800, Jan 16, 08.da4](#)

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

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 section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007 Calibrated: 7/17/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch777_Backlight 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

Reference Value = 106.3 V/m; Power Drift = -0.099 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
86.1	99.0	96.2
Grid 4	Grid 5	Grid 6
88.9	101.8	98.9
Grid 7	Grid 8	Grid 9
84.1	95.8	92.8

Ch777_Backlight On/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

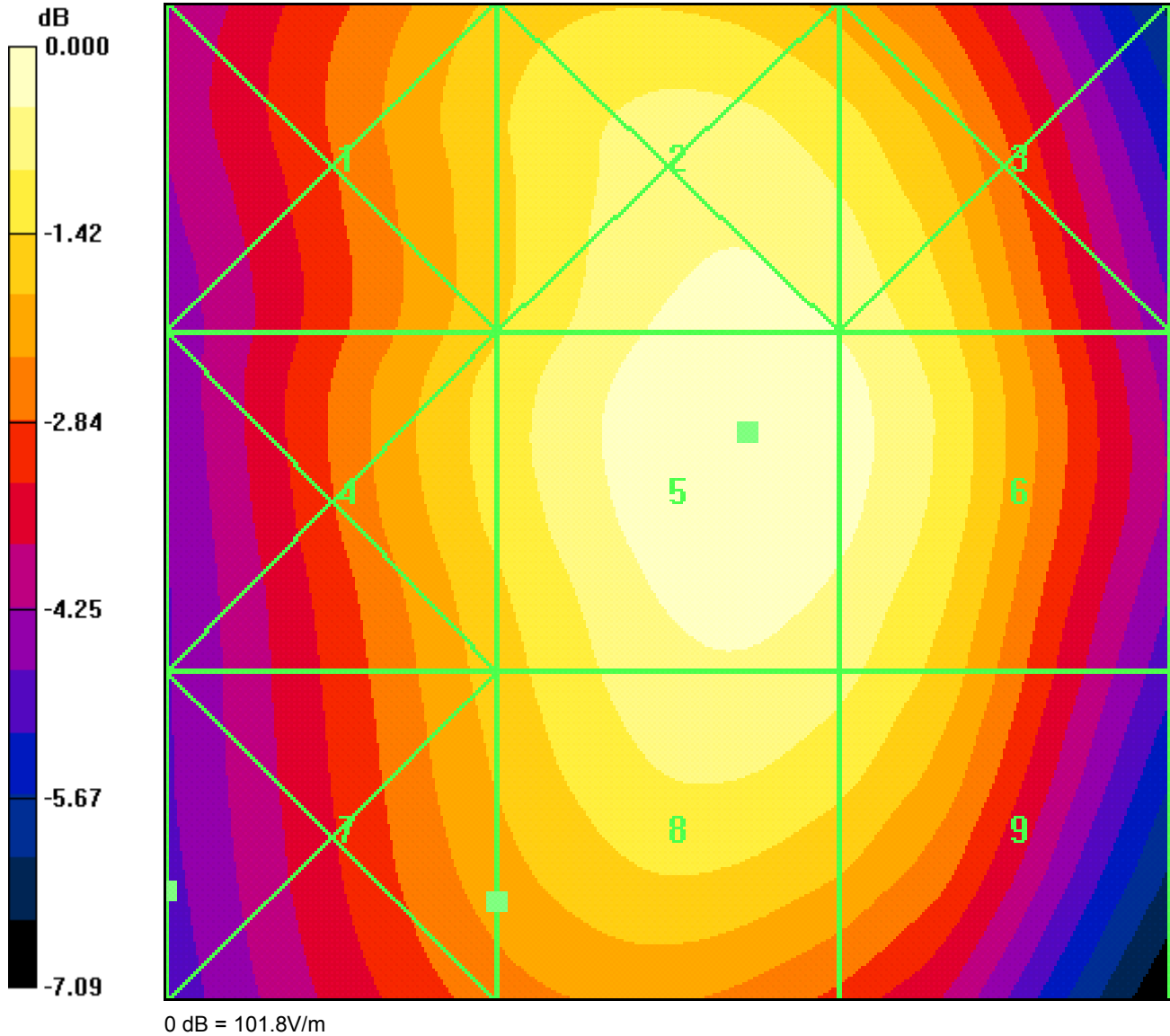
Maximum value of peak Total field = 0.148 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.103 A/m; Power Drift = -0.037 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.183	0.131	0.080
Grid 4	Grid 5	Grid 6
0.203	0.135	0.079
Grid 7	Grid 8	Grid 9
0.221	0.148	0.088



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File Name: [FCC E-FIELD, S4000-DV1 #1087 Std Battery, CDMA-800, Jan 16, 08.da4](#)

File Name: [FCC H-FIELD, S4000-DV1 #1087 Std Battery, CDMA-800, Jan 16, 08.da4](#)

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

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 section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007 Calibrated: 7/17/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch383 Backlight On (360 Degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 111.1 V/m

Probe Modulation Factor = 1.00

Reference Value = 112.6 V/m; Power Drift = 0.062 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
97.1	108.2	104.5
Grid 4	Grid 5	Grid 6
99.3	111.1	106.9
Grid 7	Grid 8	Grid 9
90.3	102.3	98.8

Ch383 Backlight On (360 Degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

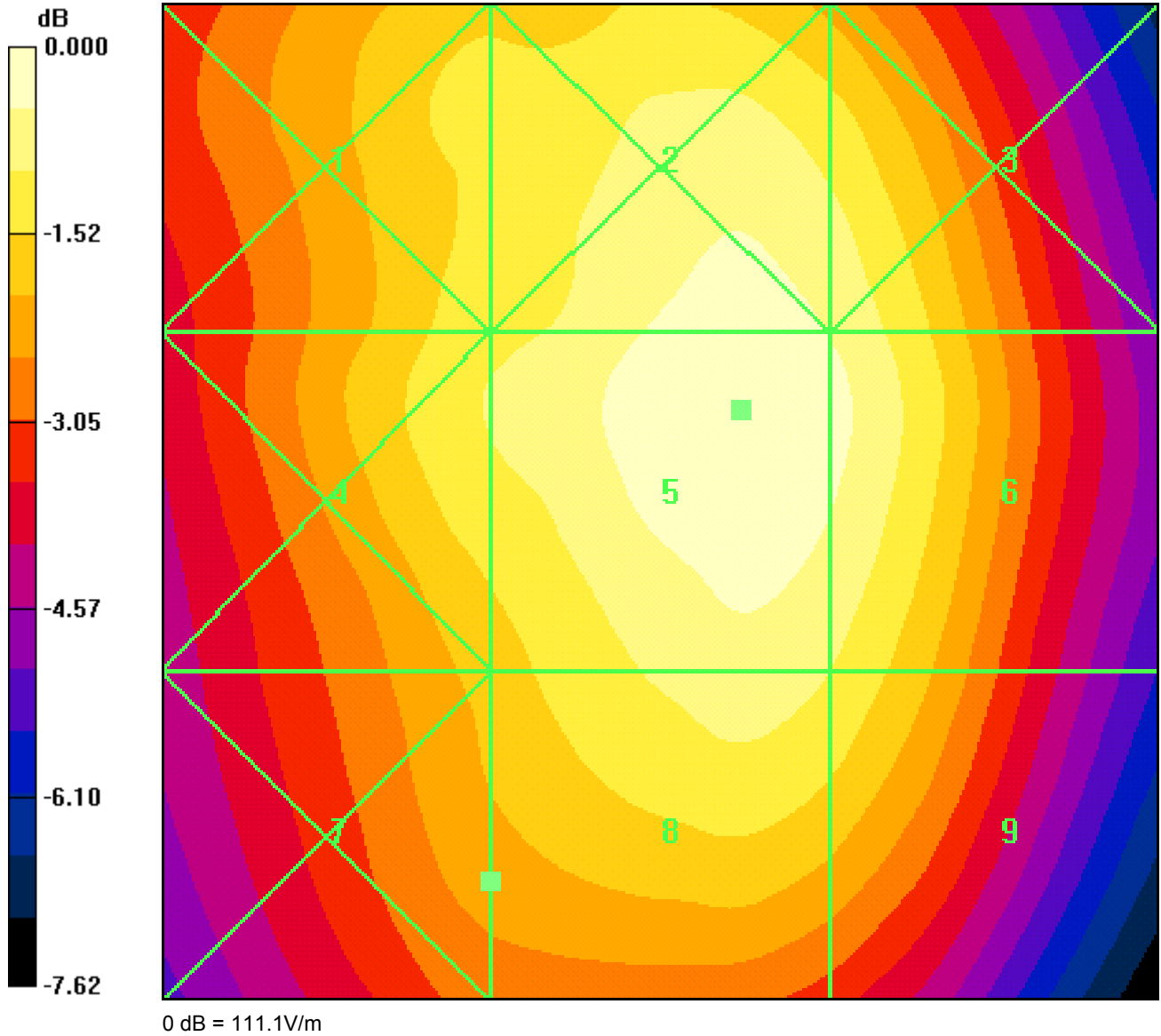
Maximum value of peak Total field = 0.163 A/m

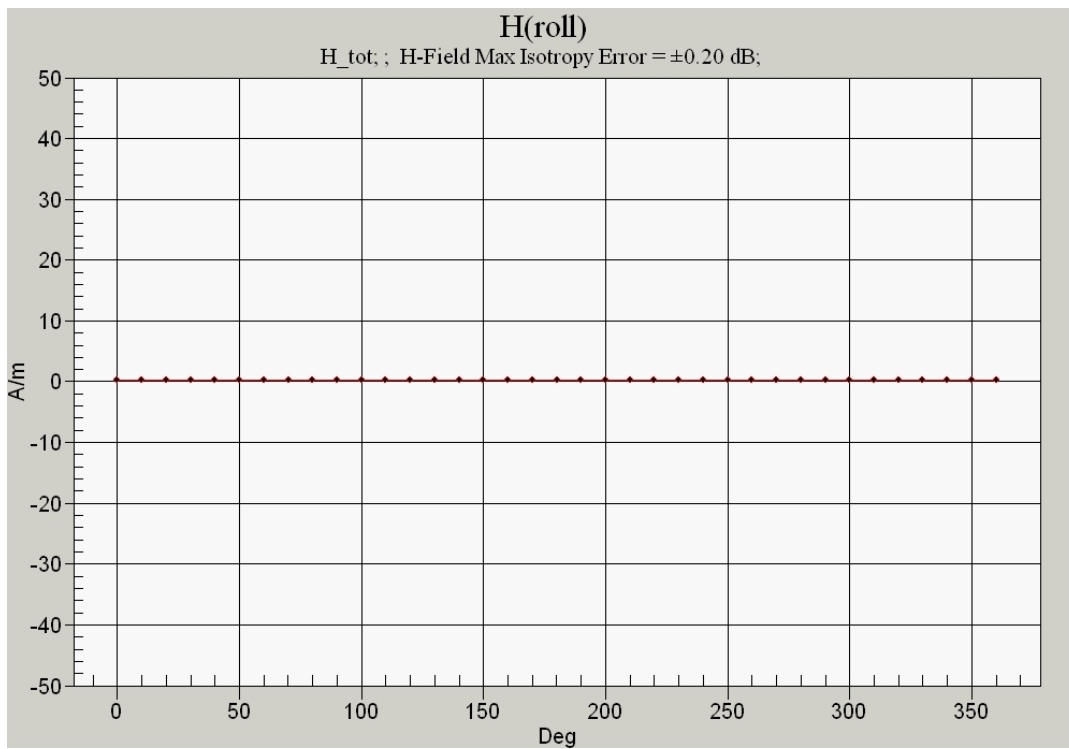
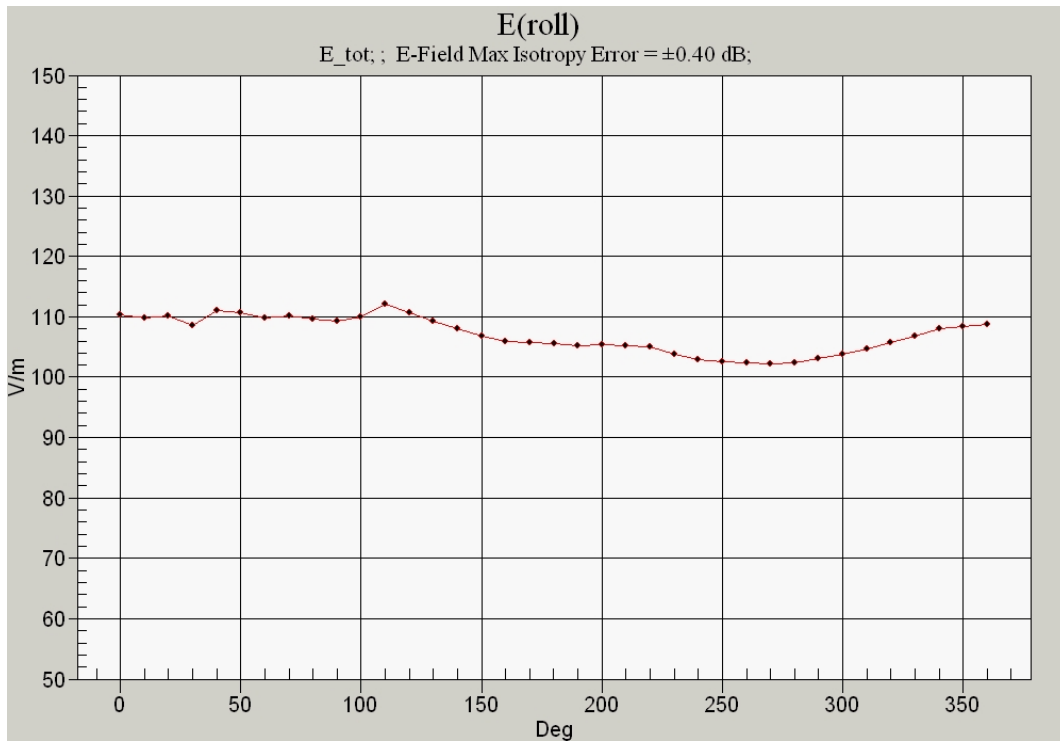
Probe Modulation Factor = 1.00

Reference Value = 0.118 A/m; Power Drift = -0.088 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.200	0.149	0.094
Grid 4	Grid 5	Grid 6
0.216	0.153	0.097
Grid 7	Grid 8	Grid 9
0.238	0.163	0.100





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File Name: [FCC E-FIELD, S4000-DV1 #1087 Std Battery, CDMA-800, Jan 16, 08.da4](#)

File Name: [FCC H-FIELD, S4000-DV1 #1087 Std Battery, CDMA-800, Jan 16, 08.da4](#)

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

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 section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007 Calibrated: 7/17/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch383 Backlight Off/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 111.7 V/m

Probe Modulation Factor = 1.00

Reference Value = 118.0 V/m; Power Drift = -0.097 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
98.3	108.8	104.1
Grid 4	Grid 5	Grid 6
101.1	111.7	106.8
Grid 7	Grid 8	Grid 9
94.2	104.4	99.5

Ch383 Backlight Off/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

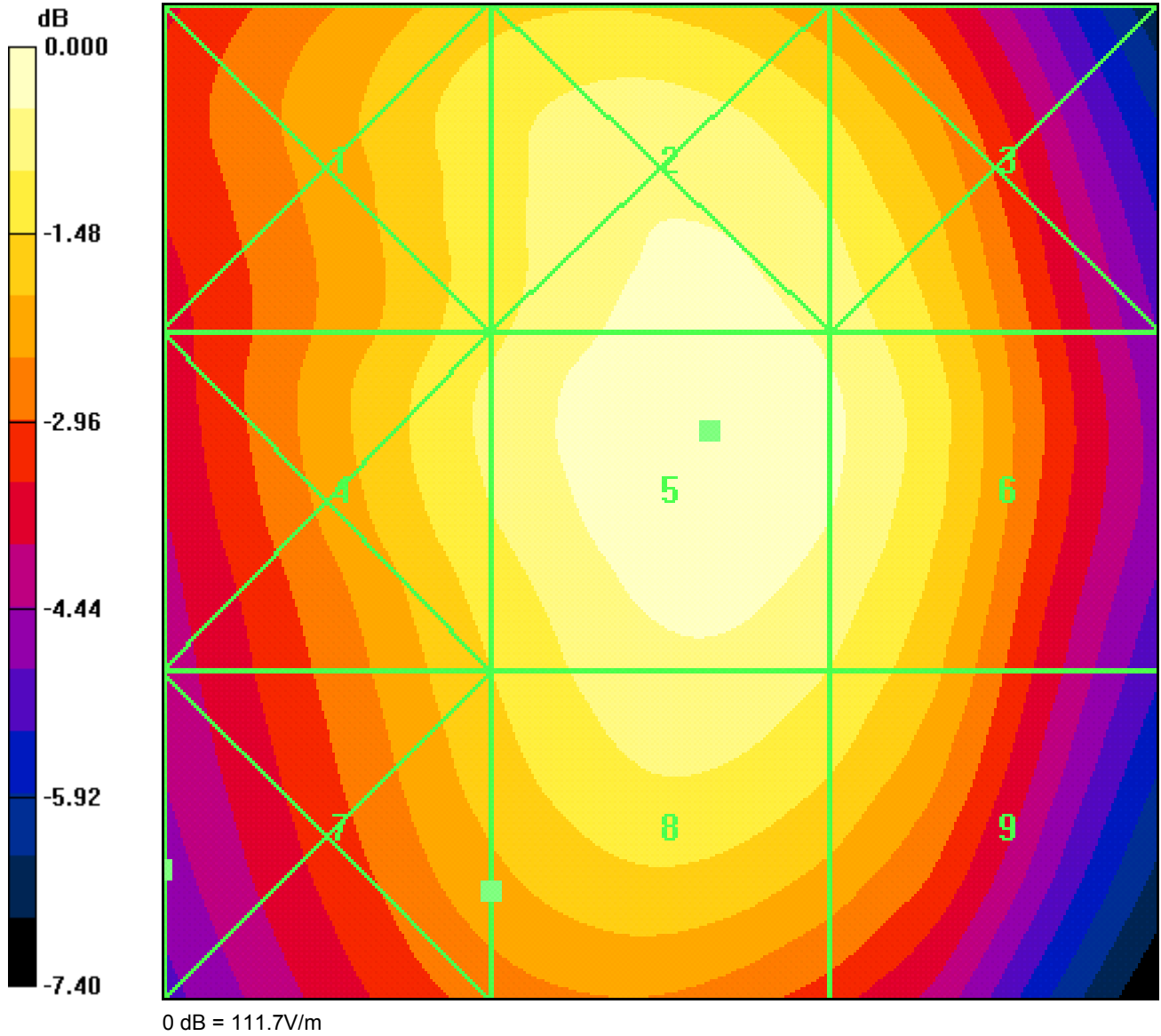
Maximum value of peak Total field = 0.154 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.112 A/m; Power Drift = -0.048 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.198	0.142	0.088
Grid 4	Grid 5	Grid 6
0.210	0.143	0.088
Grid 7	Grid 8	Grid 9
0.228	0.154	0.091



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File Name: [FCC_E-FIELD, S4000-DV1 #1087 Std Battery, CDMA-800, Jan 16, 08.da4](#)

File Name: [FCC_H-FIELD, S4000-DV1 #1087 Std Battery, CDMA-800, Jan 16, 08.da4](#)

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

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 section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007 Calibrated: 7/17/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch383_Backlight On_BT00th On/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 109.9 V/m

Probe Modulation Factor = 1.00

Reference Value = 117.1 V/m; Power Drift = -0.096 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
97.7	107.7	104.9
Grid 4	Grid 5	Grid 6
99.6	109.9	107.1
Grid 7	Grid 8	Grid 9
92.5	102.5	99.8

Ch383_Backlight On, BT00th ON/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

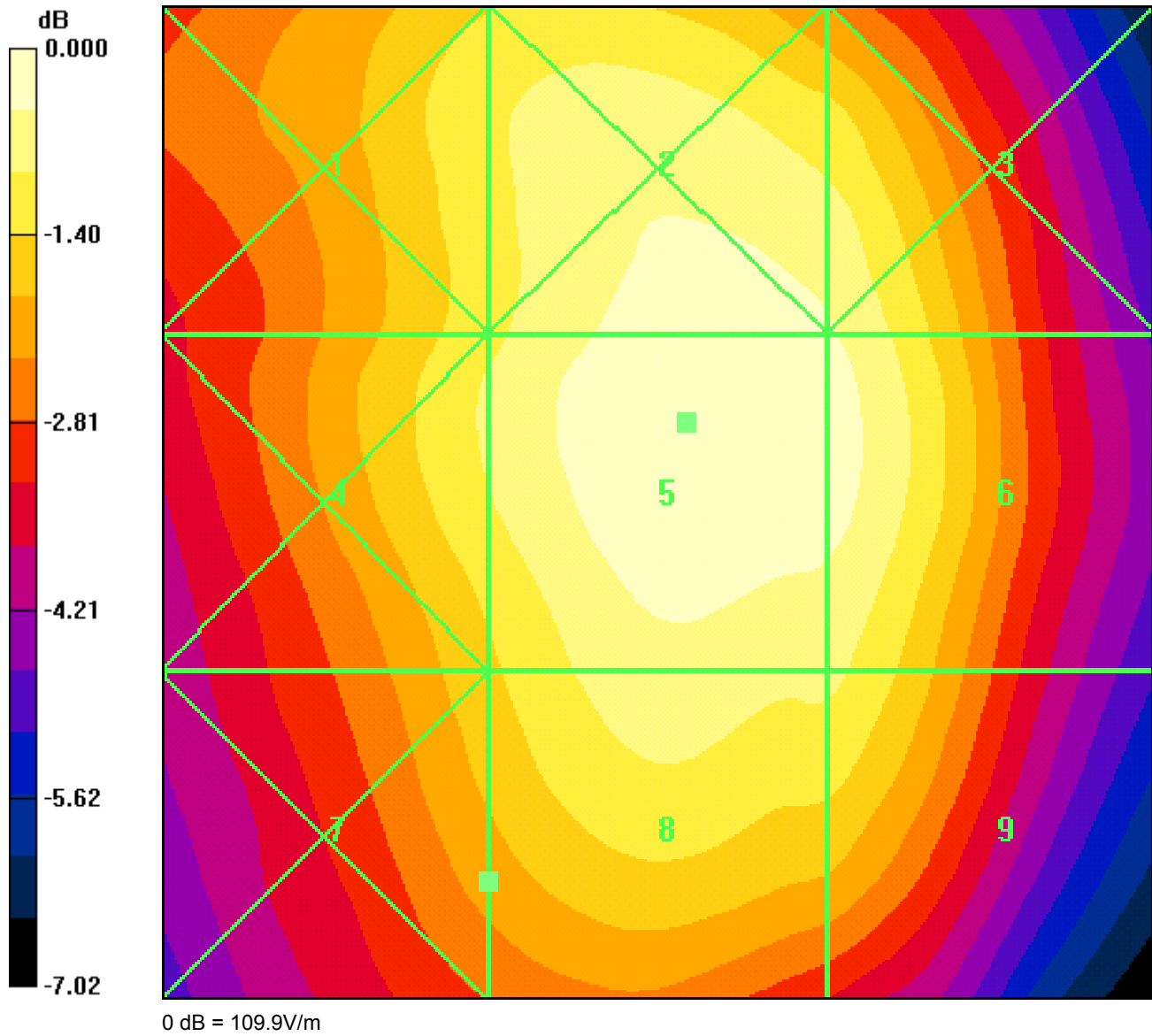
Maximum value of peak Total field = 0.161 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.115 A/m; Power Drift = -0.065 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.202	0.143	0.087
Grid 4	Grid 5	Grid 6
0.219	0.150	0.094
Grid 7	Grid 8	Grid 9
0.236	0.161	0.098



Date/Time: 1/16/2008 11:00:47 AM

File Name: [FCC E-FIELD, S4000-DV1 #1087 Std Battery, CDMA-1900, Jan 16, 08.da4](#)

File Name: [FCC H-FIELD, S4000-DV1 #1087 Std Battery, CDMA-1900, Jan 16, 08.da4](#)

Communication System: CDMA-1900; Frequency: 1851.25 MHz; Duty Cycle: 1:2.61

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 section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007 Calibrated: 7/17/2007

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn494; Calibrated: 3/14/2007

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

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch25_Backlight On/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 41.3 V/m

Probe Modulation Factor = 1.00

Reference Value = 39.2 V/m; Power Drift = 0.094 dB

Peak E-field in V/m

Grid 1 20.3	Grid 2 36.1	Grid 3 36.0
Grid 4 25.6	Grid 5 41.3	Grid 6 41.0
Grid 7 31.3	Grid 8 41.2	Grid 9 40.9

Ch25_Backlight On/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

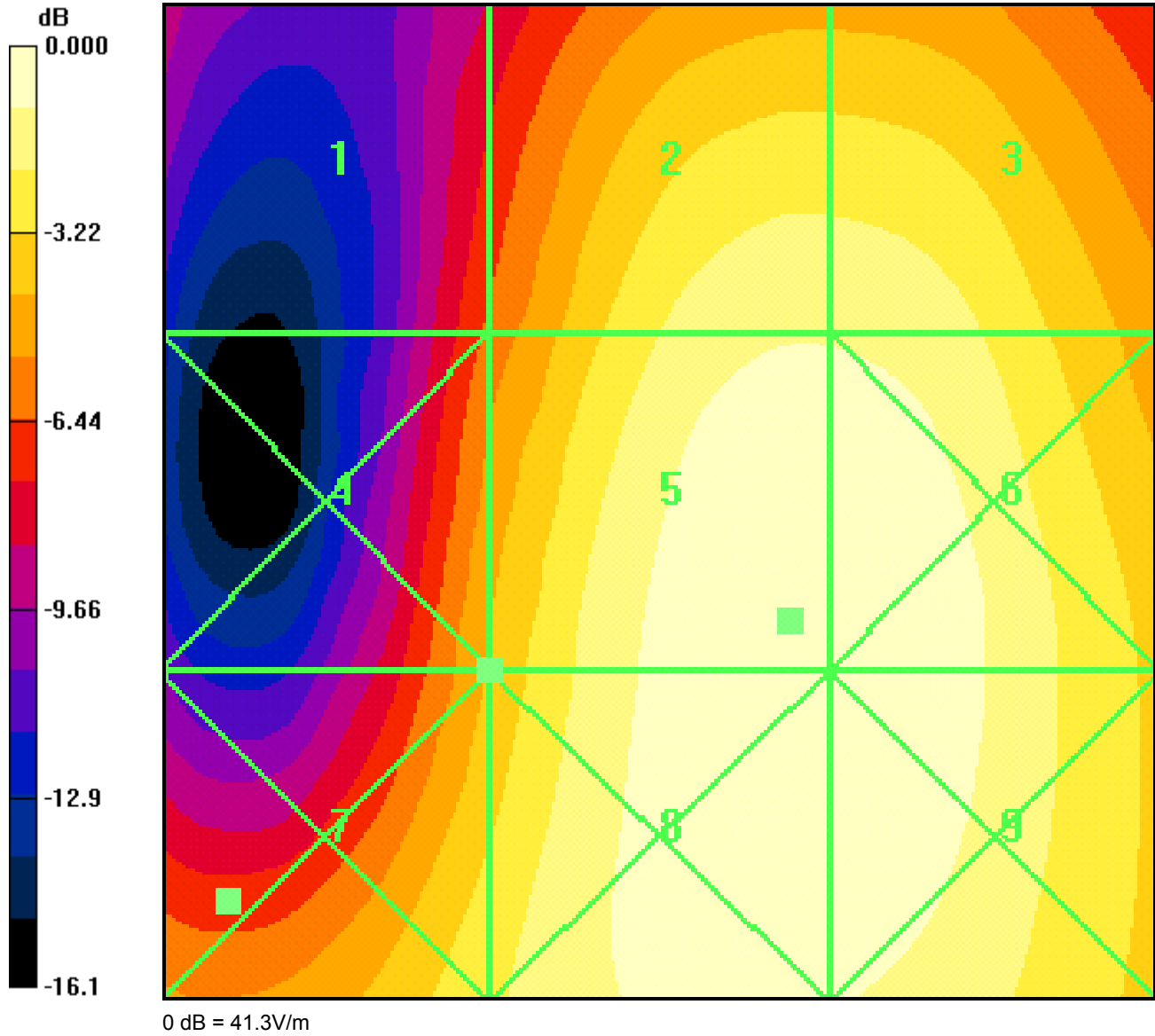
Maximum value of peak Total field = 0.126 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.105 A/m; Power Drift = 0.005 dB

Peak H-field in A/m

Grid 1 0.107	Grid 2 0.100	Grid 3 0.070
Grid 4 0.136	Grid 5 0.126	Grid 6 0.093
Grid 7 0.156	Grid 8 0.141	Grid 9 0.102



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File Name: [FCC_E-FIELD_S4000-DV1_#1087 Std Battery_CDMA-1900_Jan 16, 08.da4](#)

File Name: [FCC_H-FIELD_S4000-DV1_#1087 Std Battery_CDMA-1900_Jan 16, 08.da4](#)

Communication System: CDMA-1900; Frequency: 1880 MHz; Duty Cycle: 1:2.61

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 section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007 Calibrated: 7/17/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch600_Backlight On/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 35.3 V/m

Probe Modulation Factor = 1.00

Reference Value = 31.5 V/m; Power Drift = -0.089 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
16.5	29.8	29.8
Grid 4	Grid 5	Grid 6
22.2	35.3	35.3
Grid 7	Grid 8	Grid 9
27.1	35.3	35.3

Ch600_Backlight On/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

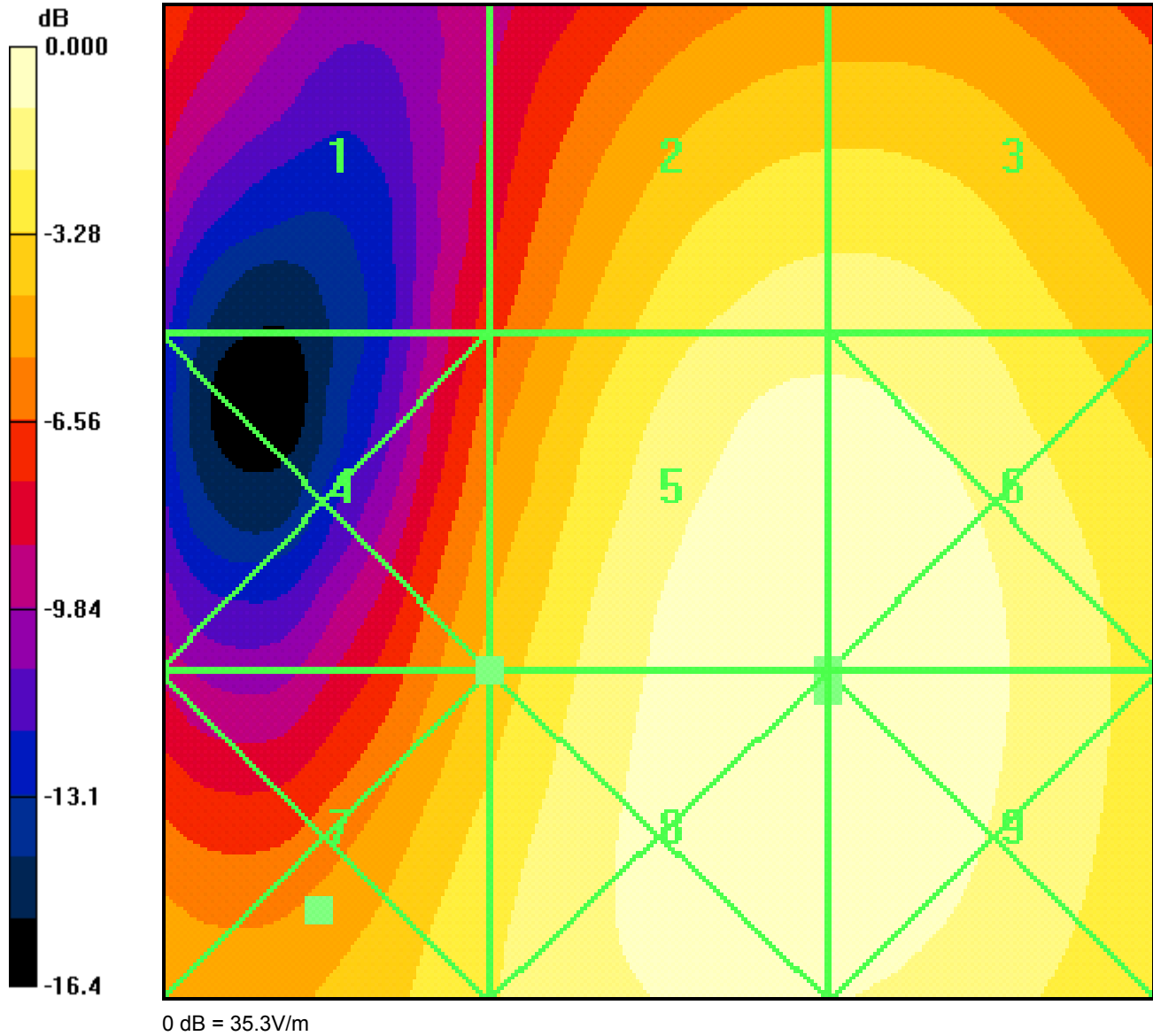
Maximum value of peak Total field = 0.111 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.096 A/m; Power Drift = 0.013 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.088	0.086	0.068
Grid 4	Grid 5	Grid 6
0.113	0.111	0.088
Grid 7	Grid 8	Grid 9
0.129	0.123	0.094



Date/Time: 1/16/2008 10:32:04 AM

File Name: [FCC_E-FIELD_S4000-DV1_#1087 Std Battery_CDMA-1900_Jan 16, 08.da4](#)

File Name: [FCC_H-FIELD_S4000-DV1_#1087 Std Battery_CDMA-1900_Jan 16, 08.da4](#)

Communication System: CDMA-1900; Frequency: 1908.75 MHz; Duty Cycle: 1:2.61

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 section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007 Calibrated: 7/17/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch1175_Backlight On/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 31.8 V/m

Probe Modulation Factor = 1.00

Reference Value = 28.9 V/m; Power Drift = -0.045 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
17.5	27.7	27.7
Grid 4	Grid 5	Grid 6
19.6	31.8	31.8
Grid 7	Grid 8	Grid 9
25.0	31.8	31.8

Ch1175_Backlight On/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

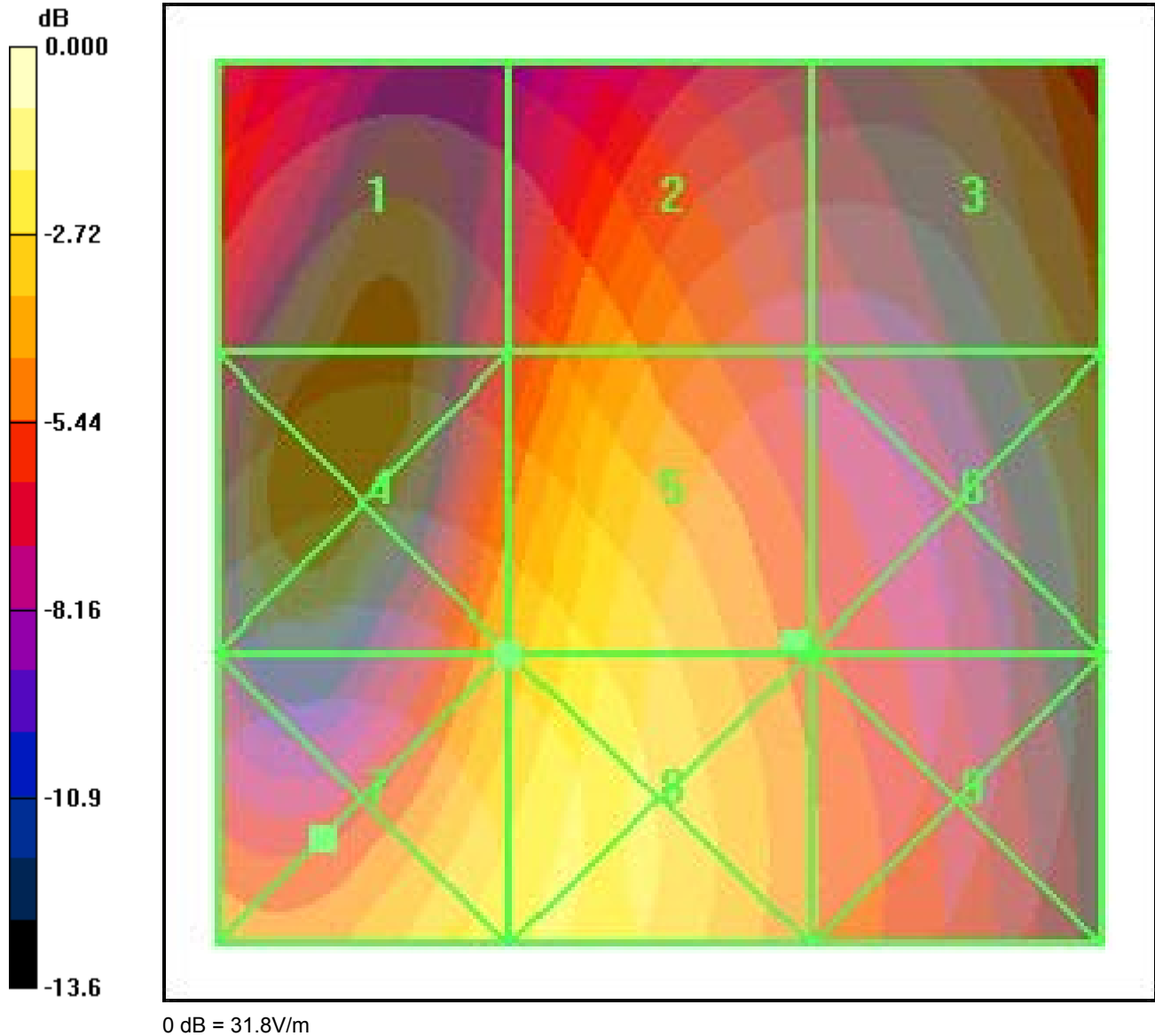
Maximum value of peak Total field = 0.102 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.087 A/m; Power Drift = 0.032 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.089	0.087	0.066
Grid 4	Grid 5	Grid 6
0.107	0.102	0.076
Grid 7	Grid 8	Grid 9
0.118	0.110	0.080



Date/Time: 1/16/2008 10:44:40 AM

File Name: [FCC_E-FIELD_S4000-DV1_#1087 Std Battery_CDMA-1900_Jan 16, 08.da4](#)

File Name: [FCC_H-FIELD_S4000-DV1_#1087 Std Battery_CDMA-1900_Jan 16, 08.da4](#)

Communication System: CDMA-1900; Frequency: 1851.25 MHz; Duty Cycle: 1:2.61

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 section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007 Calibrated: 7/17/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch25 Backlight On (360 Degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 38.4 V/m

Probe Modulation Factor = 1.00

Reference Value = 36.2 V/m; Power Drift = 0.040 dB

Peak E-field in V/m

Grid 1 18.0	Grid 2 34.0	Grid 3 34.0
Grid 4 23.7	Grid 5 38.4	Grid 6 38.3
Grid 7 30.2	Grid 8 38.3	Grid 9 38.3

Ch25 Backlight On (360 Degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

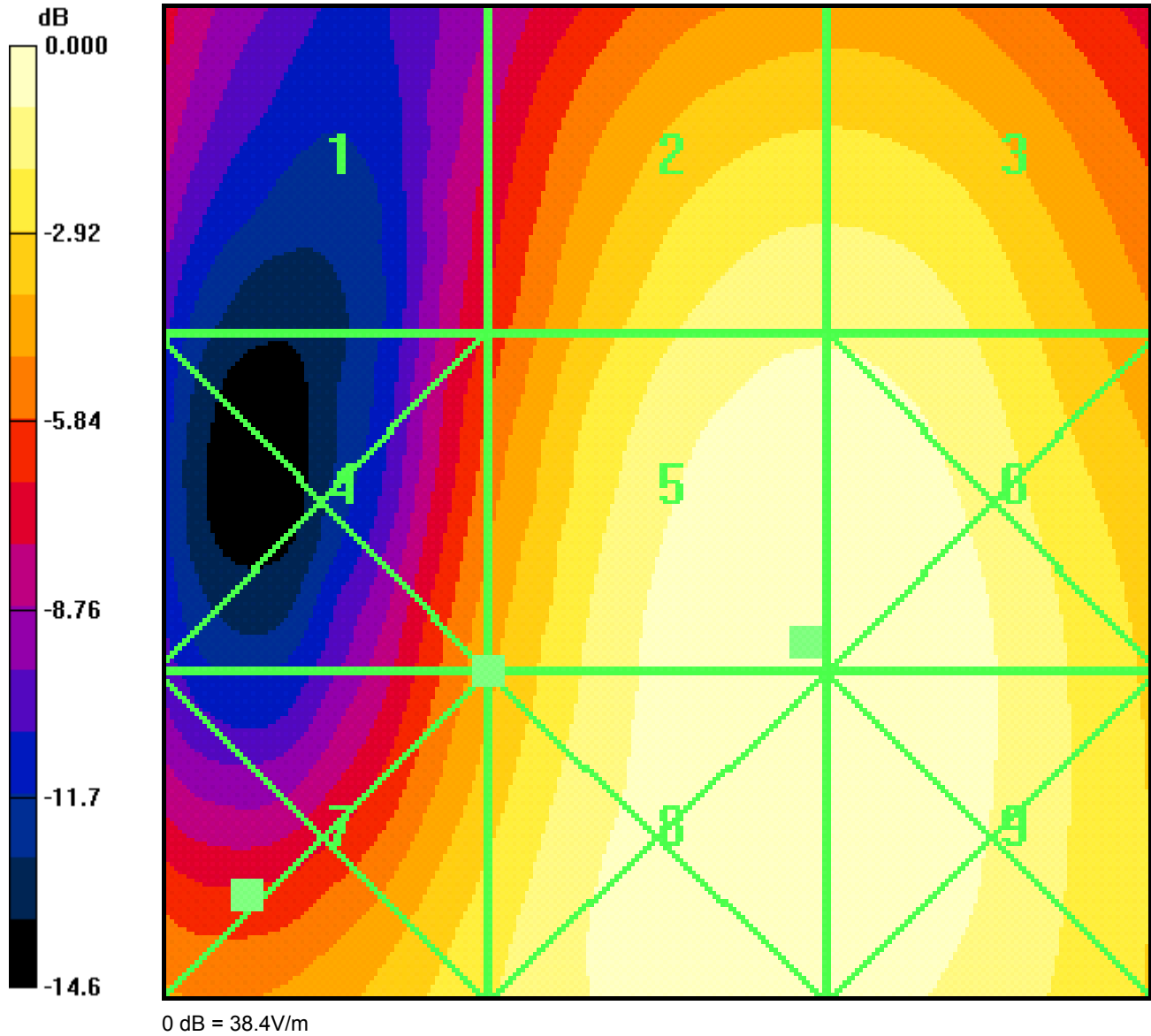
Maximum value of peak Total field = 0.131 A/m

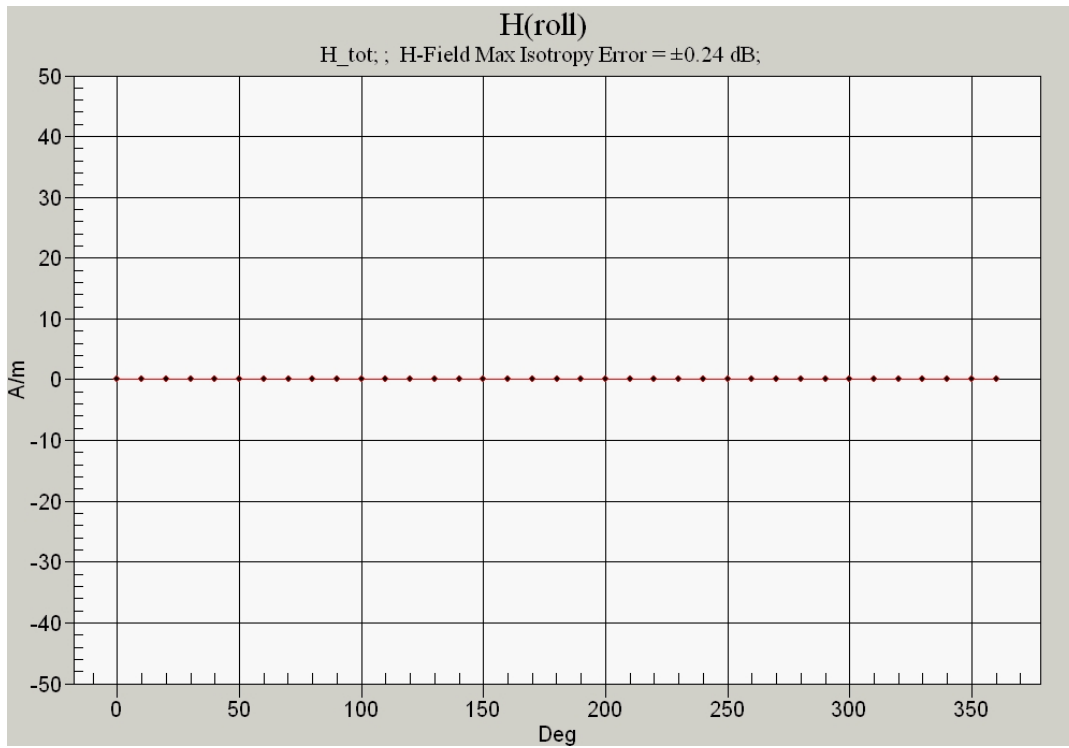
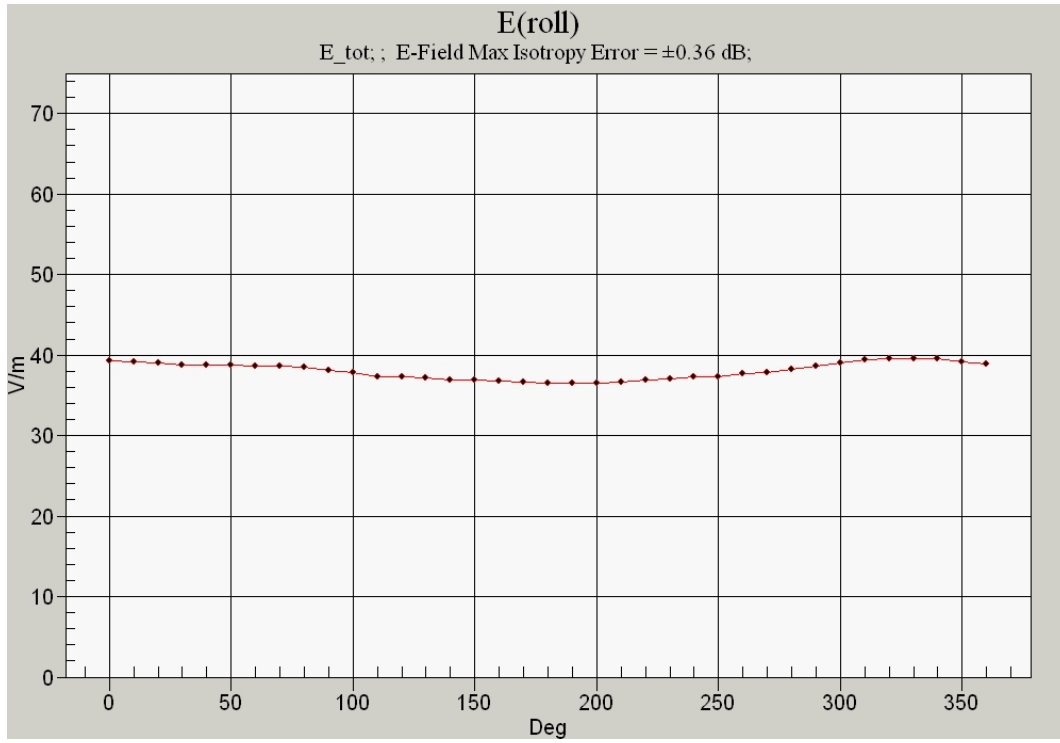
Probe Modulation Factor = 1.00

Reference Value = 0.106 A/m; Power Drift = 0.079 dB

Peak H-field in A/m

Grid 1 0.111	Grid 2 0.105	Grid 3 0.073
Grid 4 0.138	Grid 5 0.131	Grid 6 0.096
Grid 7 0.156	Grid 8 0.144	Grid 9 0.103





Date/Time: 1/16/2008 11:05:40 AM

File Name: [FCC_E-FIELD_S4000-DV1_#1087 Std Battery_CDMA-1900_Jan 16, 08.da4](#)

File Name: [FCC_H-FIELD_S4000-DV1_#1087 Std Battery_CDMA-1900_Jan 16, 08.da4](#)

Communication System: CDMA-1900; Frequency: 1851.25 MHz; Duty Cycle: 1:2.61

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 section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007 Calibrated: 7/17/2007

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn494; Calibrated: 3/14/2007

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

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch25 Backlight Off/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 41.6 V/m

Probe Modulation Factor = 1.00

Reference Value = 39.6 V/m; Power Drift = -0.093 dB

Peak E-field in V/m

Grid 1 20.6	Grid 2 35.9	Grid 3 35.8
Grid 4 25.9	Grid 5 41.6	Grid 6 41.4
Grid 7 32.0	Grid 8 41.6	Grid 9 41.4

Ch25 Backlight Off/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

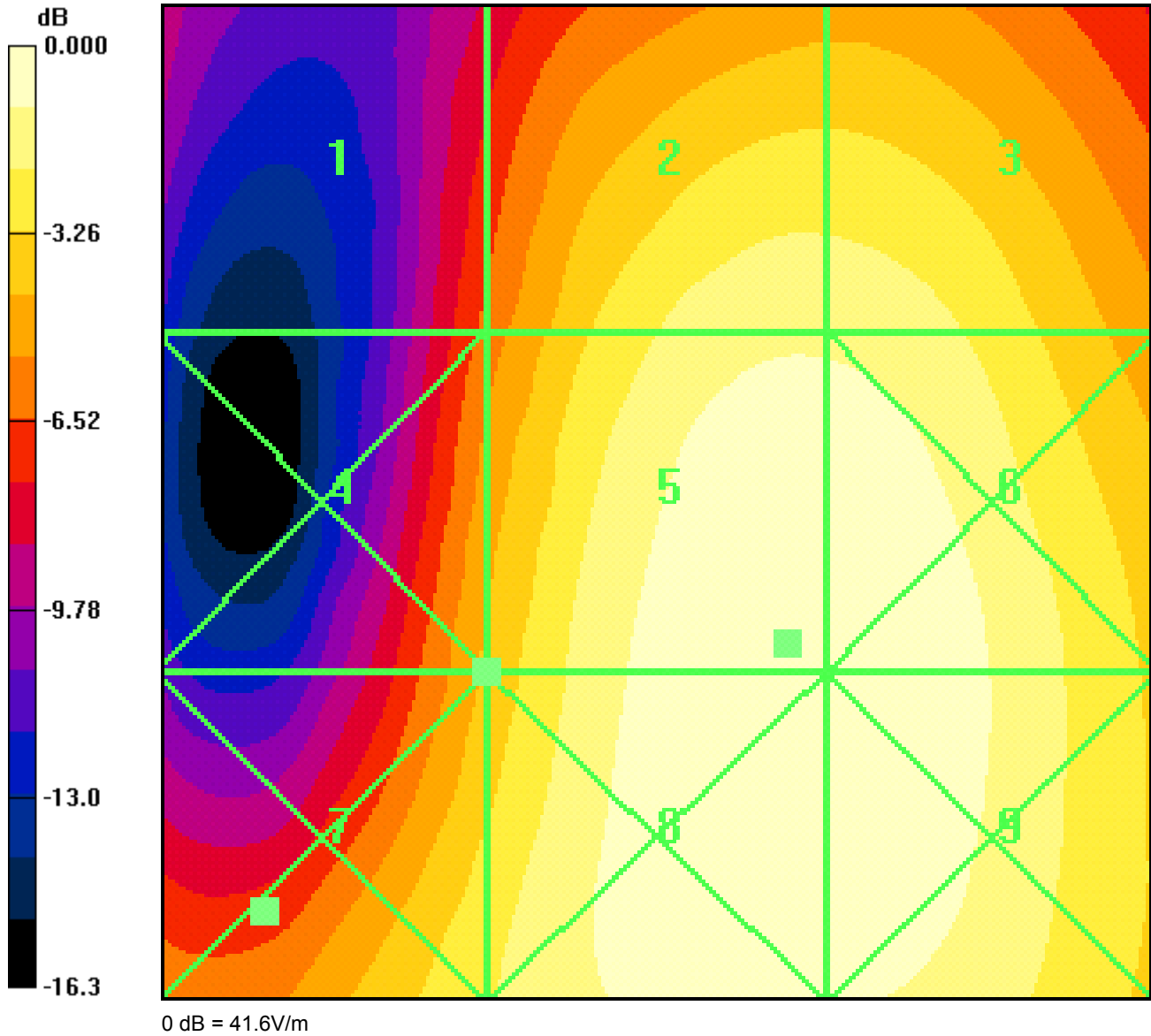
Maximum value of peak Total field = 0.133 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.109 A/m; Power Drift = -0.089 dB

Peak H-field in A/m

Grid 1 0.116	Grid 2 0.106	Grid 3 0.074
Grid 4 0.142	Grid 5 0.133	Grid 6 0.097
Grid 7 0.160	Grid 8 0.147	Grid 9 0.104



Date/Time: 1/16/2008 11:15:57 AM

File Name: [FCC E-FIELD, S4000-DV1 #1087 Std Battery, CDMA-1900, Jan 16, 08.da4](#)

File Name: [FCC H-FIELD, S4000-DV1 #1087 Std Battery, CDMA-1900, Jan 16, 08.da4](#)

Communication System: CDMA-1900; Frequency: 1851.25 MHz; Duty Cycle: 1:2.61

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 section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007 Calibrated: 7/17/2007

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn494; Calibrated: 3/14/2007

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

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch25_Backlight Off, BTooth On/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 40.7 V/m

Probe Modulation Factor = 1.00

Reference Value = 37.9 V/m; Power Drift = -0.043 dB

Peak E-field in V/m

Grid 1 19.2	Grid 2 35.4	Grid 3 35.0
Grid 4 26.3	Grid 5 40.7	Grid 6 40.7
Grid 7 33.0	Grid 8 40.8	Grid 9 40.7

Ch25_Backlight Off, BTooth On/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.124 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.103 A/m; Power Drift = -0.084 dB

Peak H-field in A/m

Grid 1 0.107	Grid 2 0.101	Grid 3 0.071
Grid 4 0.132	Grid 5 0.124	Grid 6 0.091
Grid 7 0.147	Grid 8 0.137	Grid 9 0.098

