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: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:
- Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007Calibrated: 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

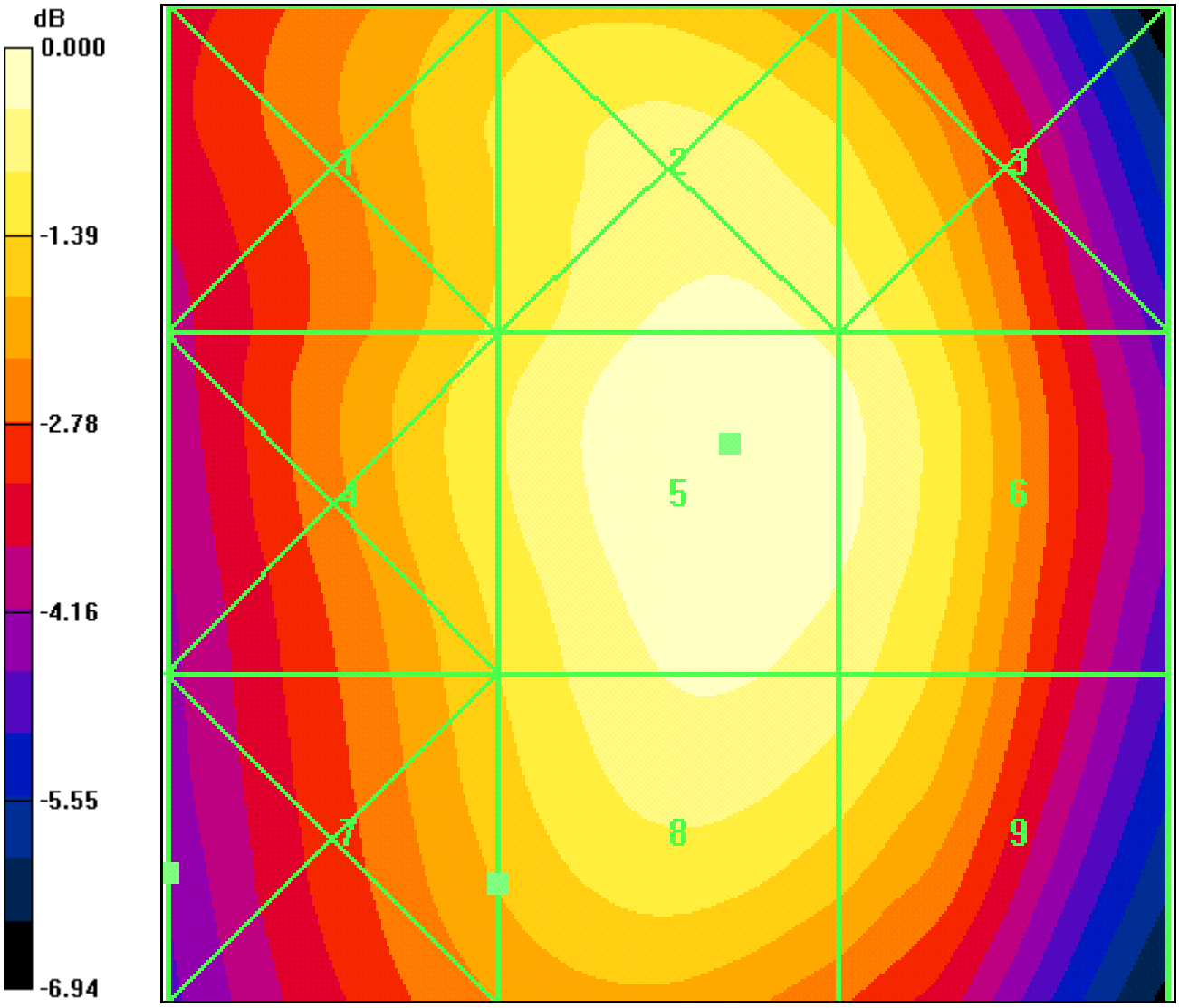
Peak E-field in V/m

Grid 1 **80.0**	Grid 2 **89.5**	Grid 3 **86.5**
Grid 4 **82.6**	Grid 5 **92.4**	Grid 6 **89.4**
Grid 7 **78.7**	Grid 8 **88.2**	Grid 9 **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 **0.185**	Grid 2 **0.131**	Grid 3 **0.083**
Grid 4 **0.205**	Grid 5 **0.142**	Grid 6 **0.091**
Grid 7 **0.221**	Grid 8 **0.152**	Grid 9 **0.094**



0 dB = 92.4V/m

Date/Time: 1/16/2008 1:26:22 PM

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: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:
- Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007Calibrated: 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

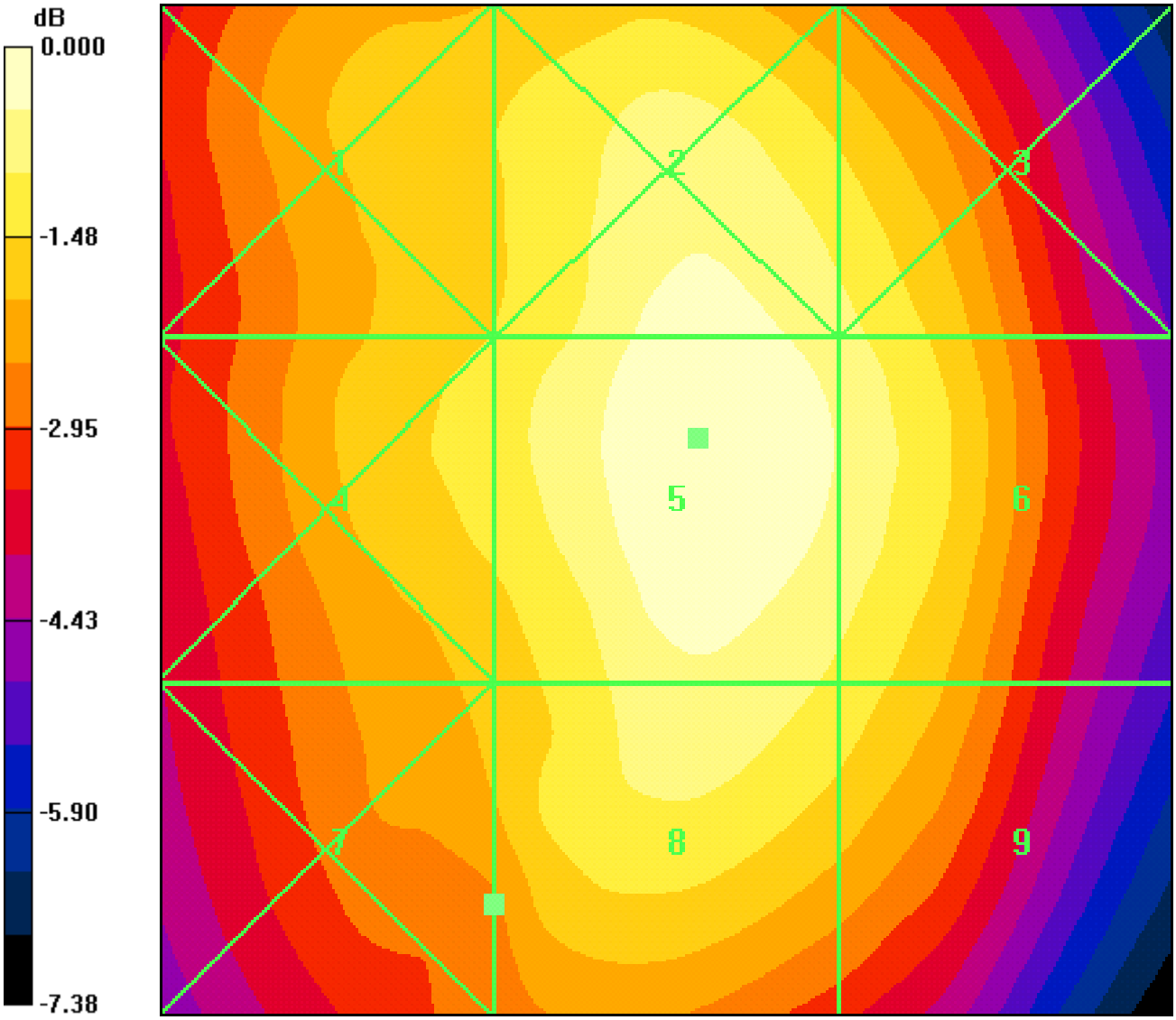
Peak E-field in V/m

Grid 1 **94.9**	Grid 2 **108.6**	Grid 3 **102.4**
Grid 4 **97.7**	Grid 5 **112.0**	Grid 6 **105.4**
Grid 7 **91.4**	Grid 8 **105.0**	Grid 9 **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 **0.214**	Grid 2 **0.151**	Grid 3 **0.094**
Grid 4 **0.235**	Grid 5 **0.161**	Grid 6 **0.102**
Grid 7 **0.254**	Grid 8 **0.175**	Grid 9 **0.107**



0 dB = 112.0V/m

Date/Time: 1/16/2008 11:53:38 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: 848.31 MHz;Duty Cycle: 1:1
Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:
- Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007Calibrated: 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

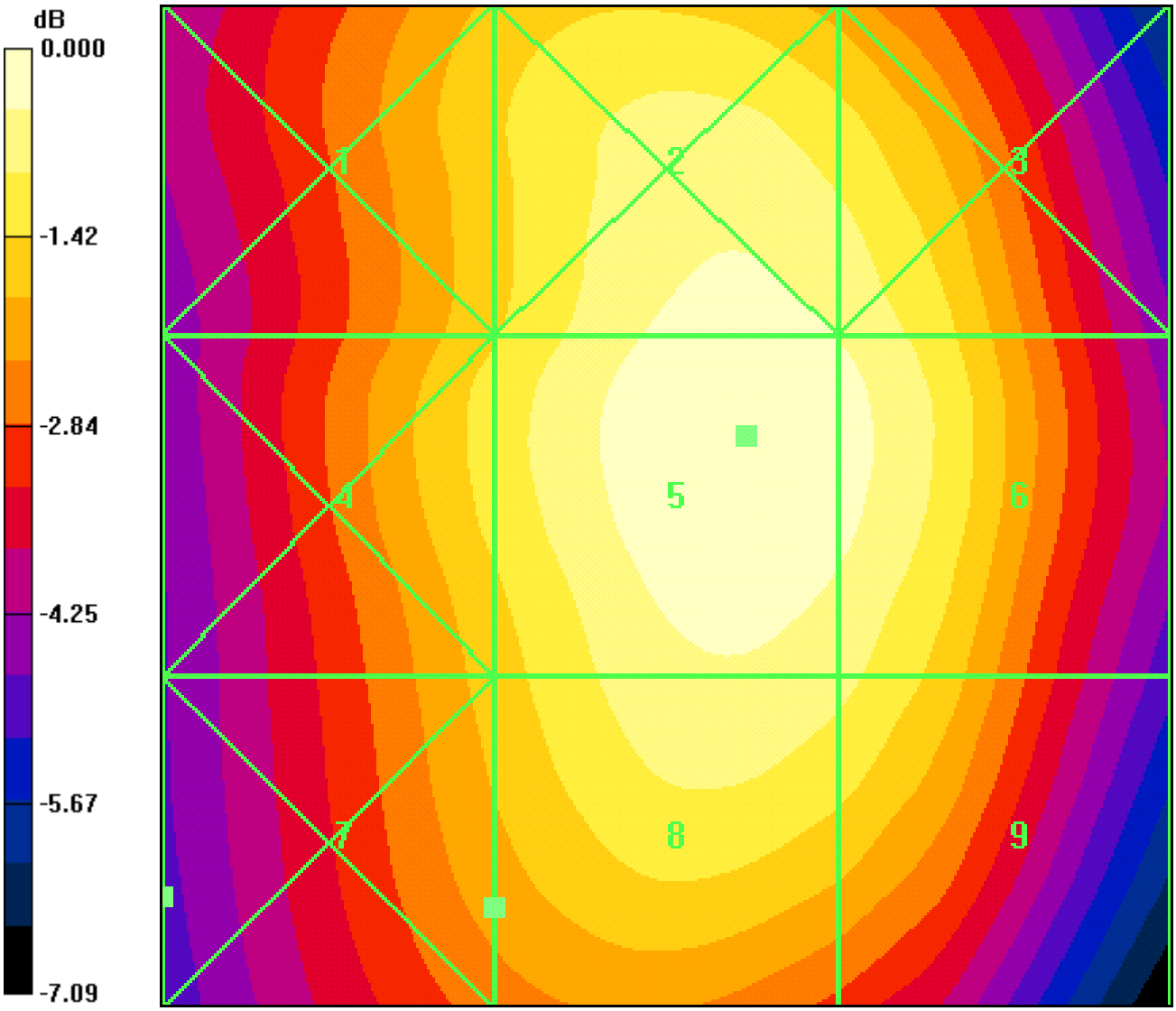
Peak E-field in V/m

Grid 1 **86.1**	Grid 2 **99.0**	Grid 3 **96.2**
Grid 4 **88.9**	Grid 5 **101.8**	Grid 6 **98.9**
Grid 7 **84.1**	Grid 8 **95.8**	Grid 9 **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 **0.183**	Grid 2 **0.131**	Grid 3 **0.080**
Grid 4 **0.203**	Grid 5 **0.135**	Grid 6 **0.079**
Grid 7 **0.221**	Grid 8 **0.148**	Grid 9 **0.088**



0 dB = 101.8V/m

Date/Time: 1/16/2008 1:38:56 PM

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: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:
- Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007Calibrated: 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

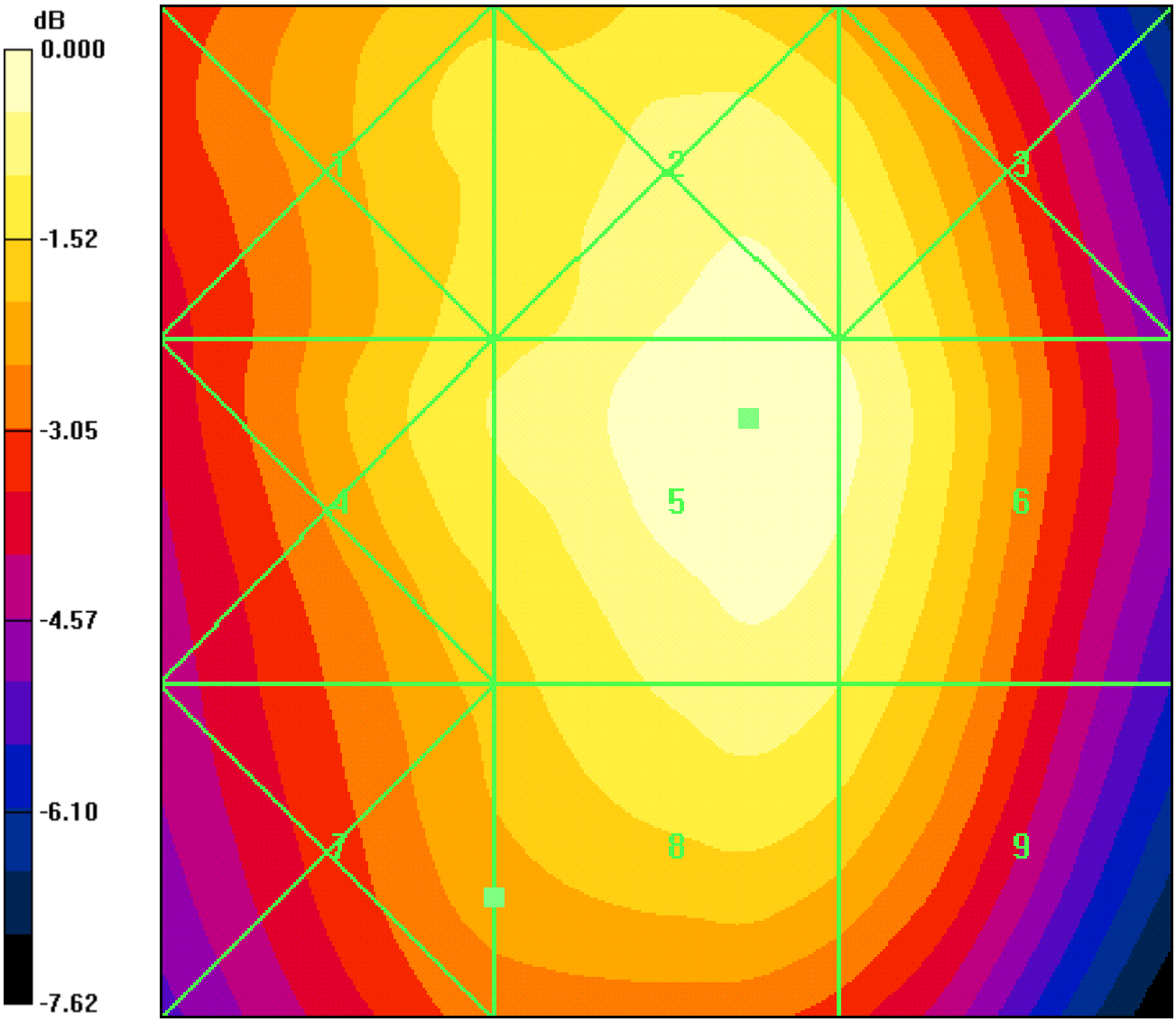
Peak E-field in V/m

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

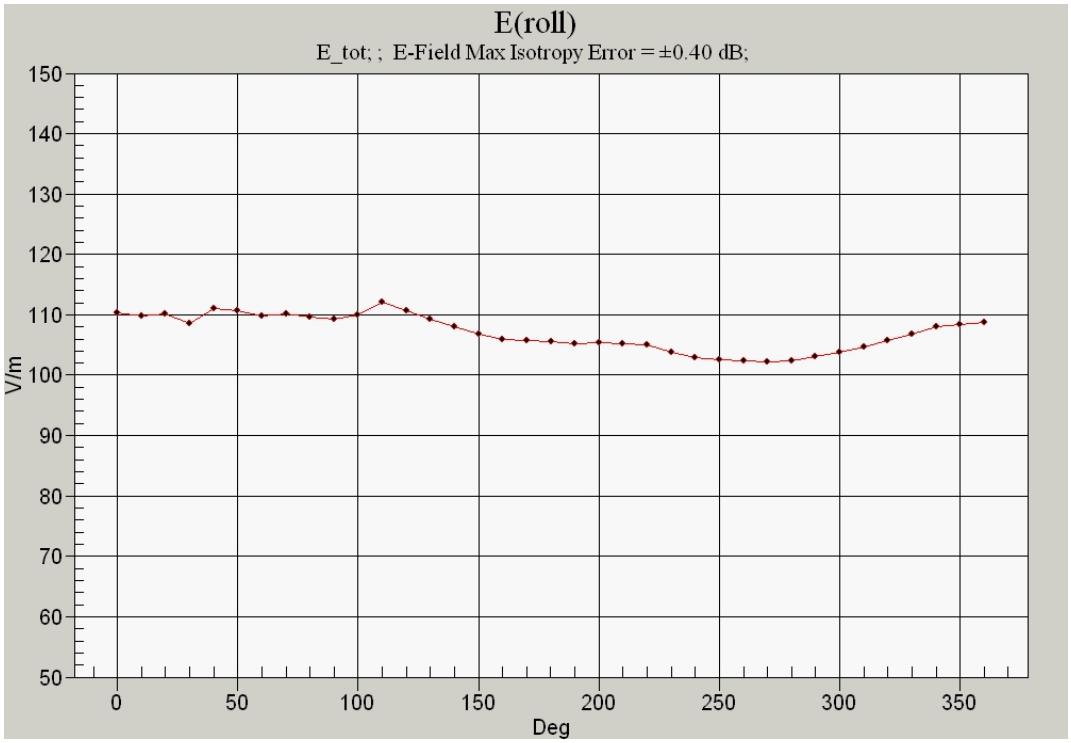
Ch383 Backlight On (360 Degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.163 A/m
Probe Modulation Factor = 1.00
Reference Value = 0.118 A/m; Power Drift = -0.088 dB

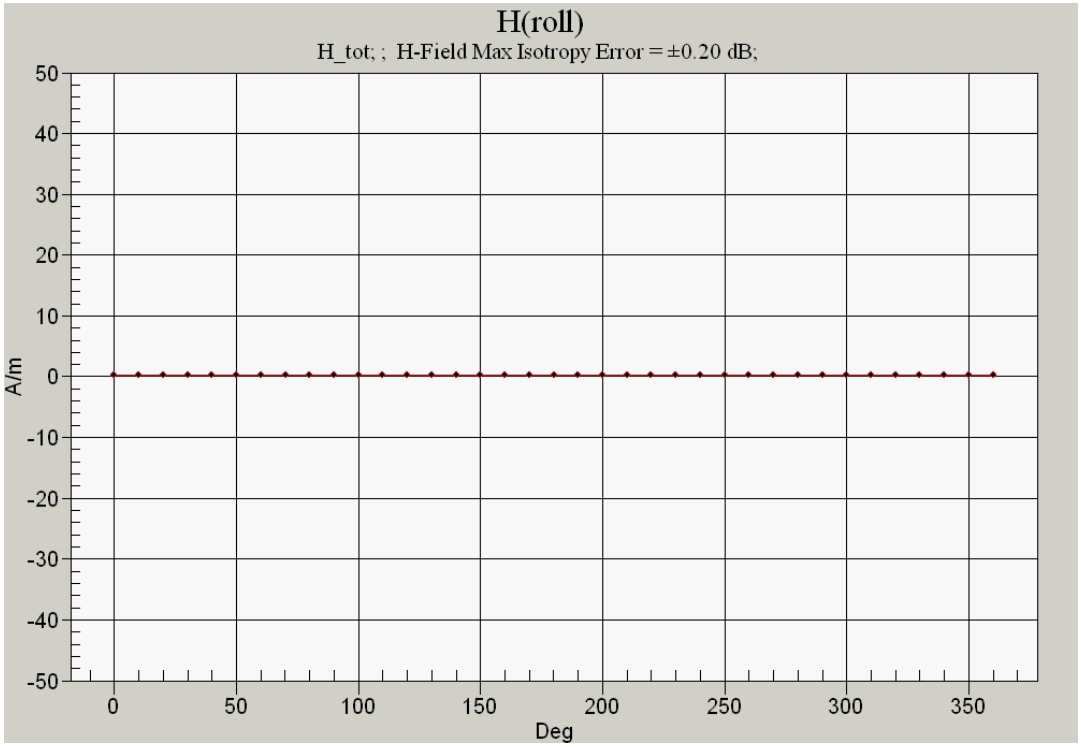
Peak H-field in A/m

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



0 dB = 111.1V/m


E(roll)
E_tot; ; E-Field Max Isotropy Error = ±0.40 dB;
V/m
Deg
150
140
130
120
110
100
90
80
70
60
50
0
50
100
150
200
250
300
350


H(roll)
H_tot; ; H-Field Max Isotropy Error = ±0.20 dB;
A/m
Deg
50
40
30
20
10
0
-10
-20
-30
-40
-50
0
50
100
150
200
250
300
350

Date/Time: 1/16/2008 1:46:06 PM

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: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:
- Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007Calibrated: 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

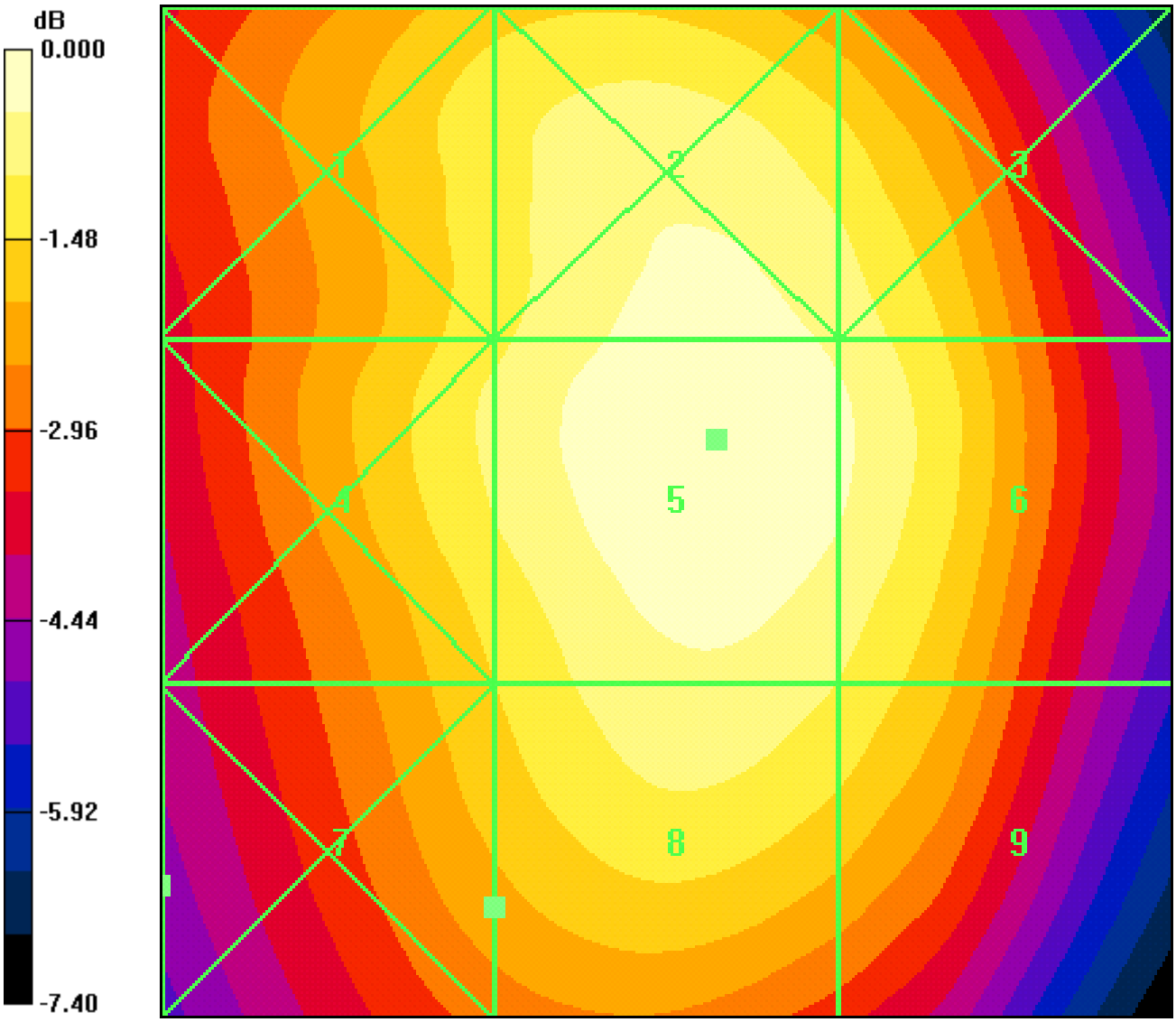
Peak E-field in V/m

Grid 1 **98.3**	Grid 2 **108.8**	Grid 3 **104.1**
Grid 4 **101.1**	Grid 5 **111.7**	Grid 6 **106.8**
Grid 7 **94.2**	Grid 8 **104.4**	Grid 9 **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 **0.198**	Grid 2 **0.142**	Grid 3 **0.088**
Grid 4 **0.210**	Grid 5 **0.143**	Grid 6 **0.088**
Grid 7 **0.228**	Grid 8 **0.154**	Grid 9 **0.091**



0 dB = 111.7V/m

Date/Time: 1/16/2008 2:26:15 PM

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: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:
- Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007Calibrated: 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_BTooth 0n/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

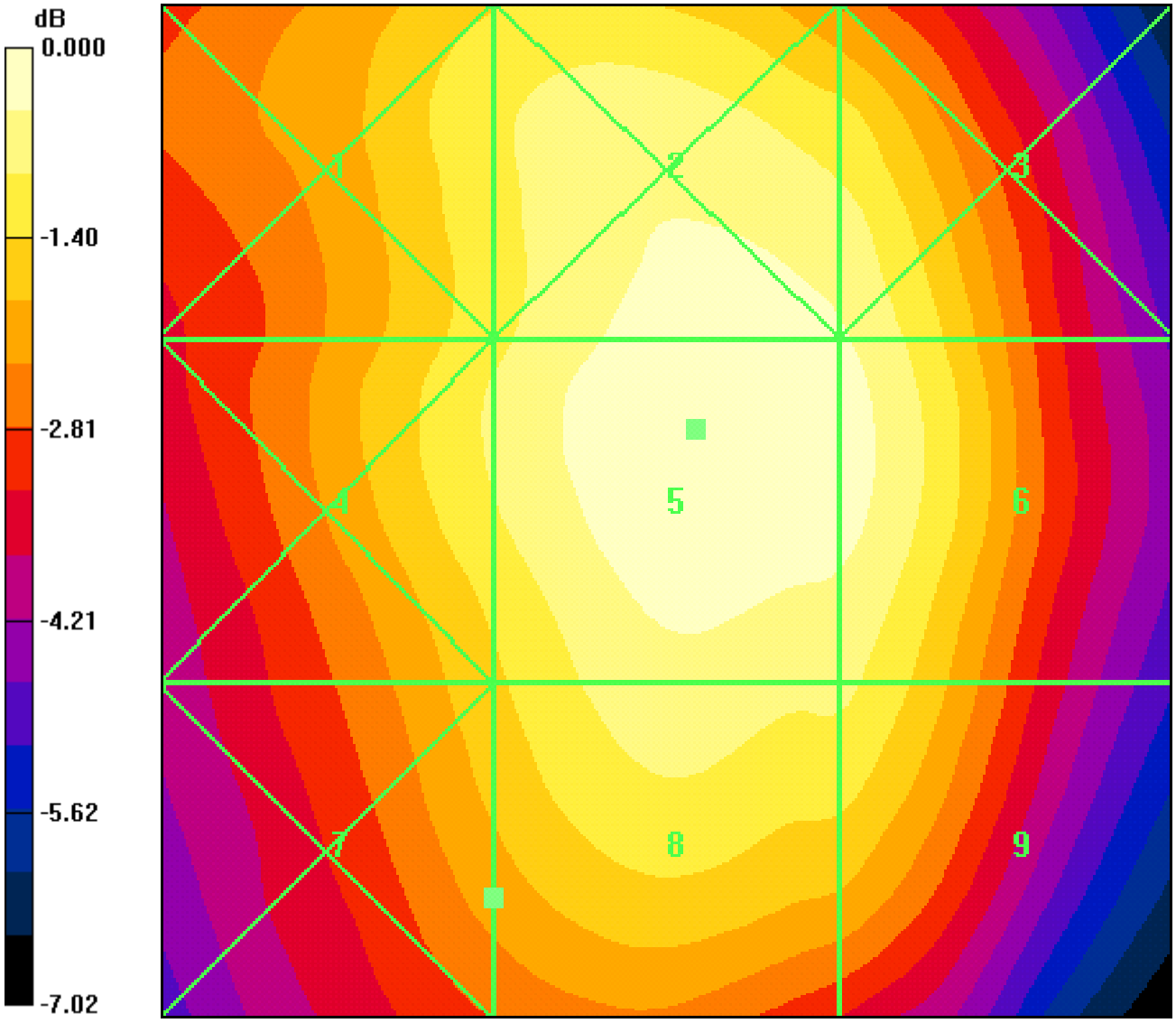
Peak E-field in V/m

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

Ch383_Backlight On, BTooth 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 **0.202**	Grid 2 **0.143**	Grid 3 **0.087**
Grid 4 **0.219**	Grid 5 **0.150**	Grid 6 **0.094**
Grid 7 **0.236**	Grid 8 **0.161**	Grid 9 **0.098**



0 dB = 109.9V/m

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: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom section: E Device Section Phantom section: H Device Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007Calibrated: 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

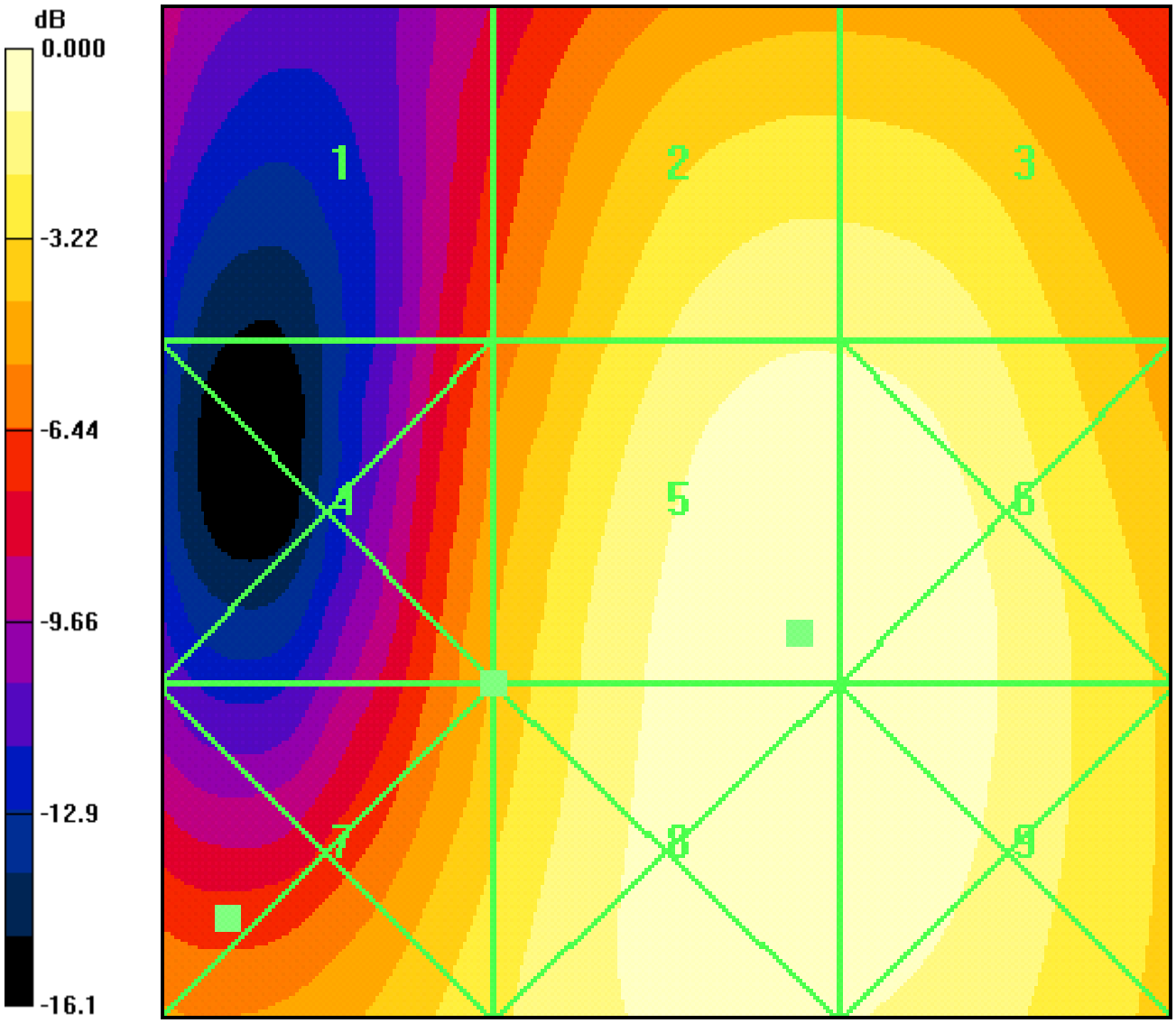
Peak E-field in V/m

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**



0 dB = 41.3V/m

Date/Time: 1/16/2008 10:26:33 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: 1880 MHz;Duty Cycle: 1:2.61
Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom section: E Device Section Phantom section: H Device Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007Calibrated: 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

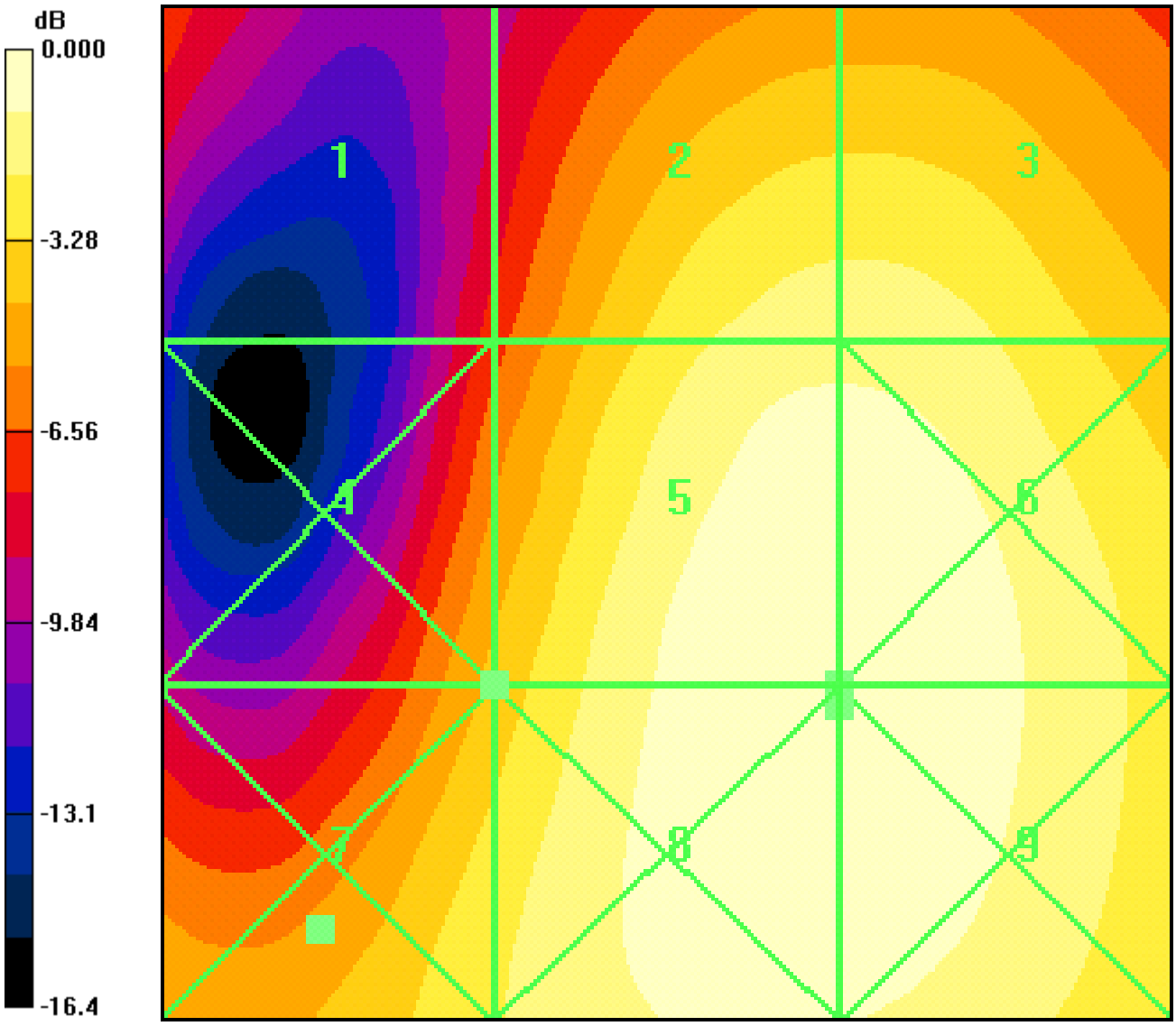
Peak E-field in V/m

Grid 1 **16.5**	Grid 2 **29.8**	Grid 3 **29.8**
Grid 4 **22.2**	Grid 5 **35.3**	Grid 6 **35.3**
Grid 7 **27.1**	Grid 8 **35.3**	Grid 9 **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 **0.088**	Grid 2 **0.086**	Grid 3 **0.068**
Grid 4 **0.113**	Grid 5 **0.111**	Grid 6 **0.088**
Grid 7 **0.129**	Grid 8 **0.123**	Grid 9 **0.094**



0 dB = 35.3V/m

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: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom section: E Device Section Phantom section: H Device Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007Calibrated: 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

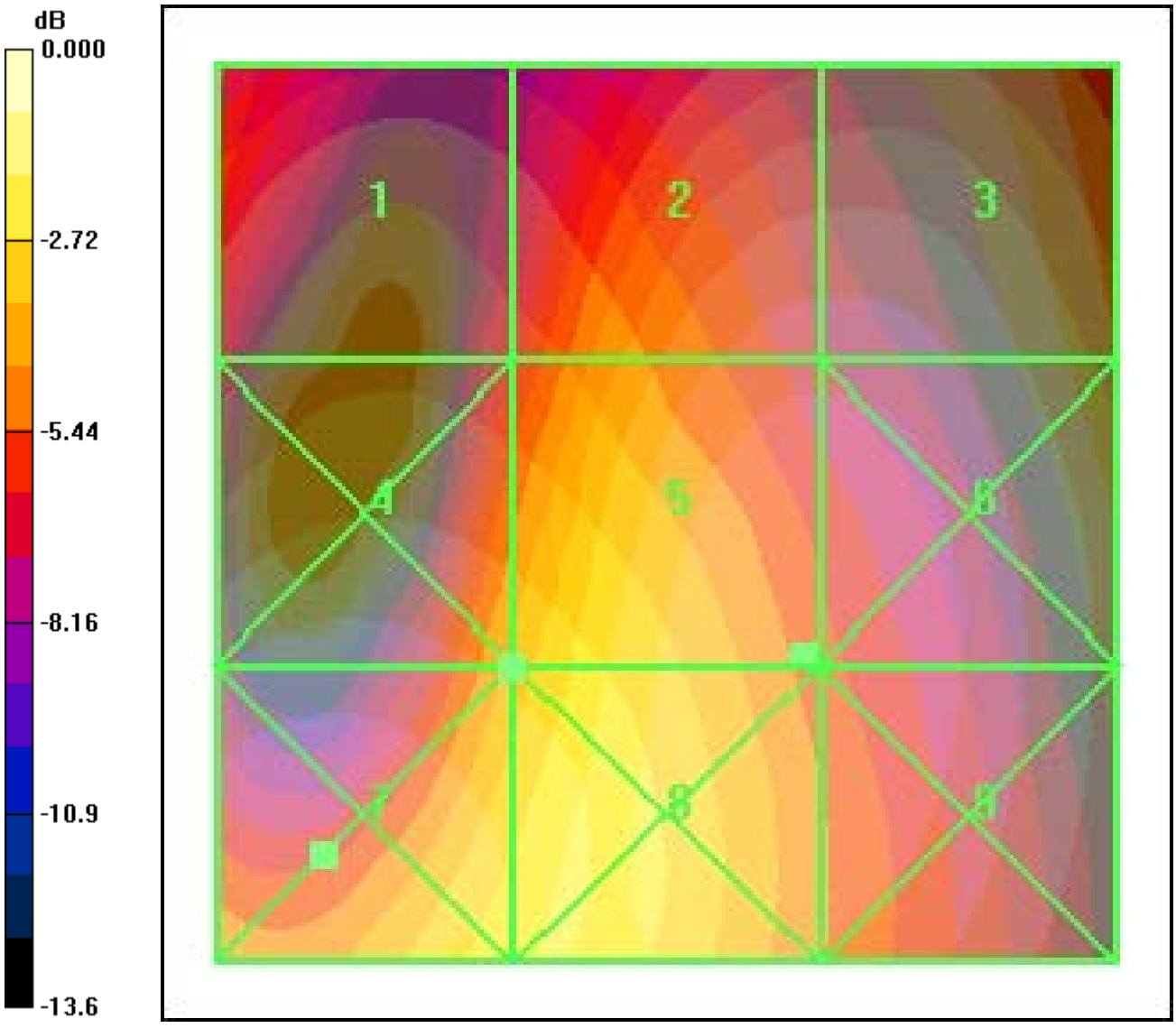
Peak E-field in V/m

Grid 1 **17.5**	Grid 2 **27.7**	Grid 3 **27.7**
Grid 4 **19.6**	Grid 5 **31.8**	Grid 6 **31.8**
Grid 7 **25.0**	Grid 8 **31.8**	Grid 9 **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 **0.089**	Grid 2 **0.087**	Grid 3 **0.066**
Grid 4 **0.107**	Grid 5 **0.102**	Grid 6 **0.076**
Grid 7 **0.118**	Grid 8 **0.110**	Grid 9 **0.080**



0 dB = 31.8V/m

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: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom section: E Device Section Phantom section: H Device Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007Calibrated: 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

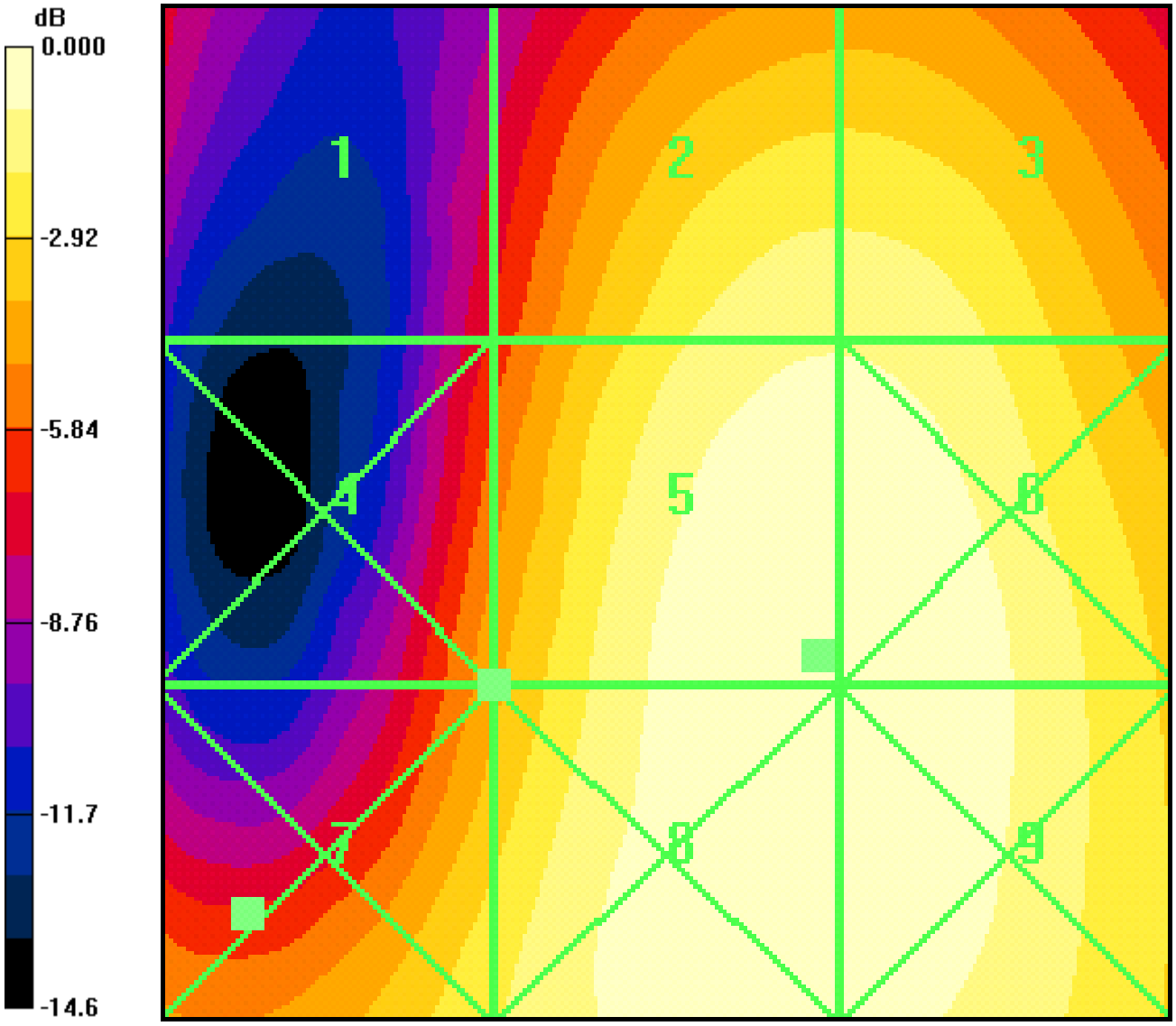
Peak E-field in V/m

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**

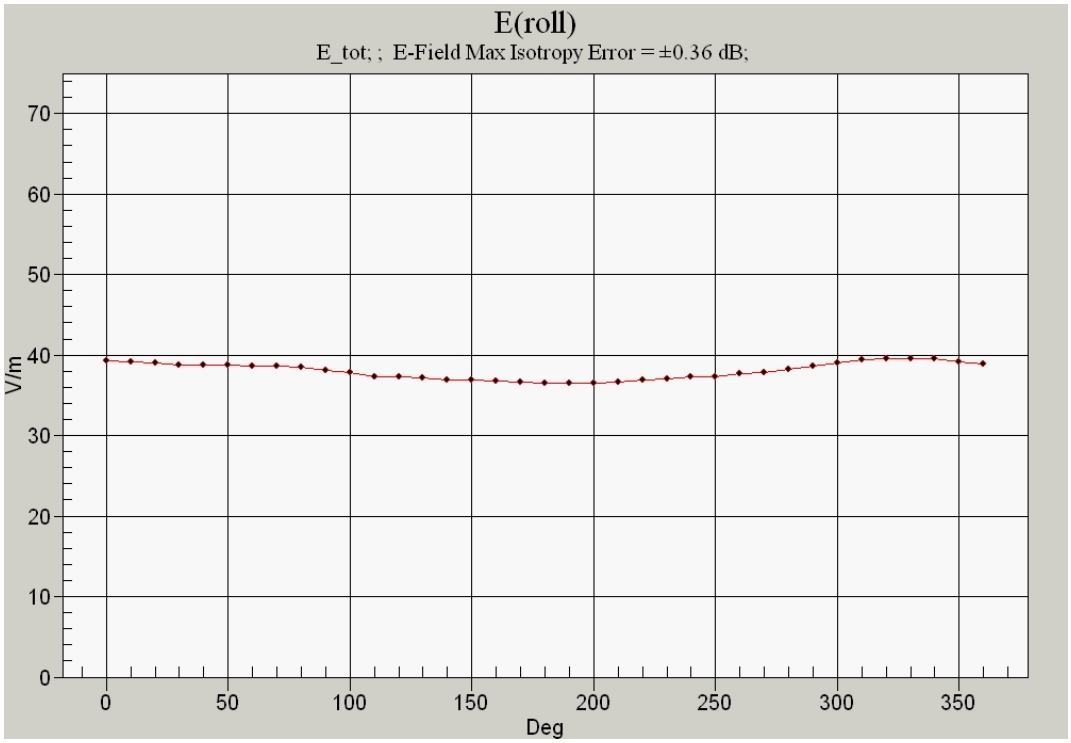
Ch25 Backlight On (360 Degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.131 A/m
Probe Modulation Factor = 1.00
Reference Value = 0.106 A/m; Power Drift = 0.079 dB

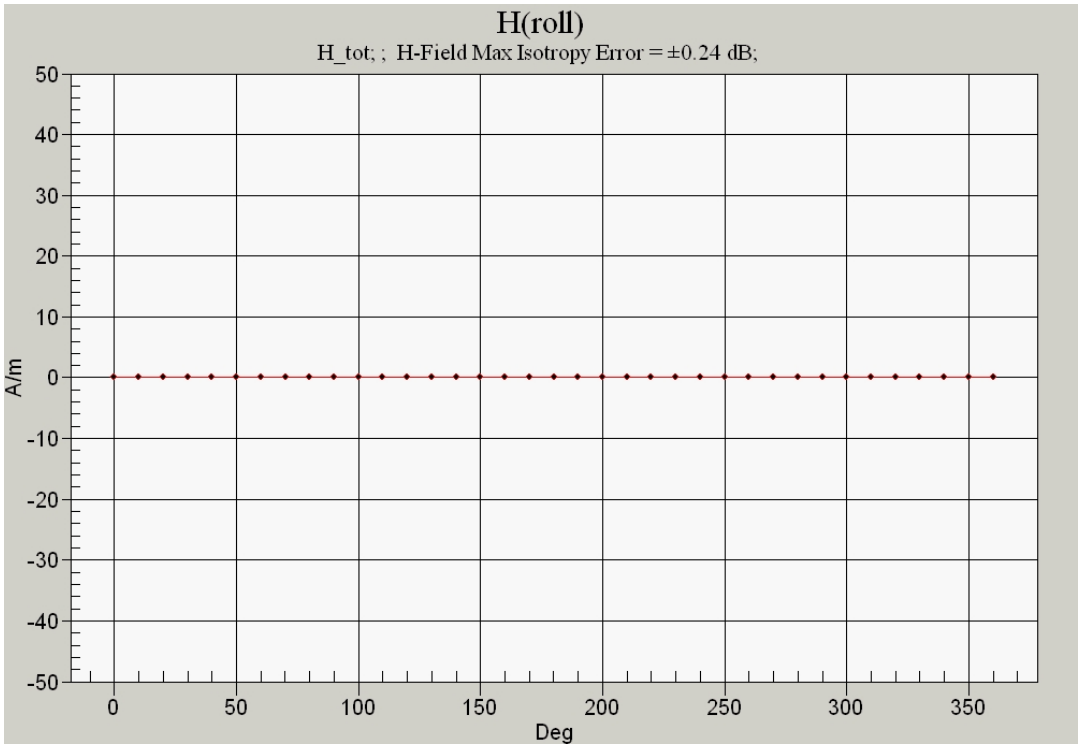
Peak H-field in A/m

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**



0 dB = 38.4V/m


E(roll)
E_tot; ; E-Field Max Isotropy Error = ±0.36 dB;
V/m
70
60
50
40
30
20
10
0
0
50
100
150
200
250
300
350
Deg


H(roll)
H_tot; ; H-Field Max Isotropy Error = ±0.24 dB;
A/m
50
40
30
20
10
0
-10
-20
-30
-40
-50
0
50
100
150
200
250
300
350
Deg

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: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom section: E Device Section Phantom section: H Device Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007Calibrated: 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

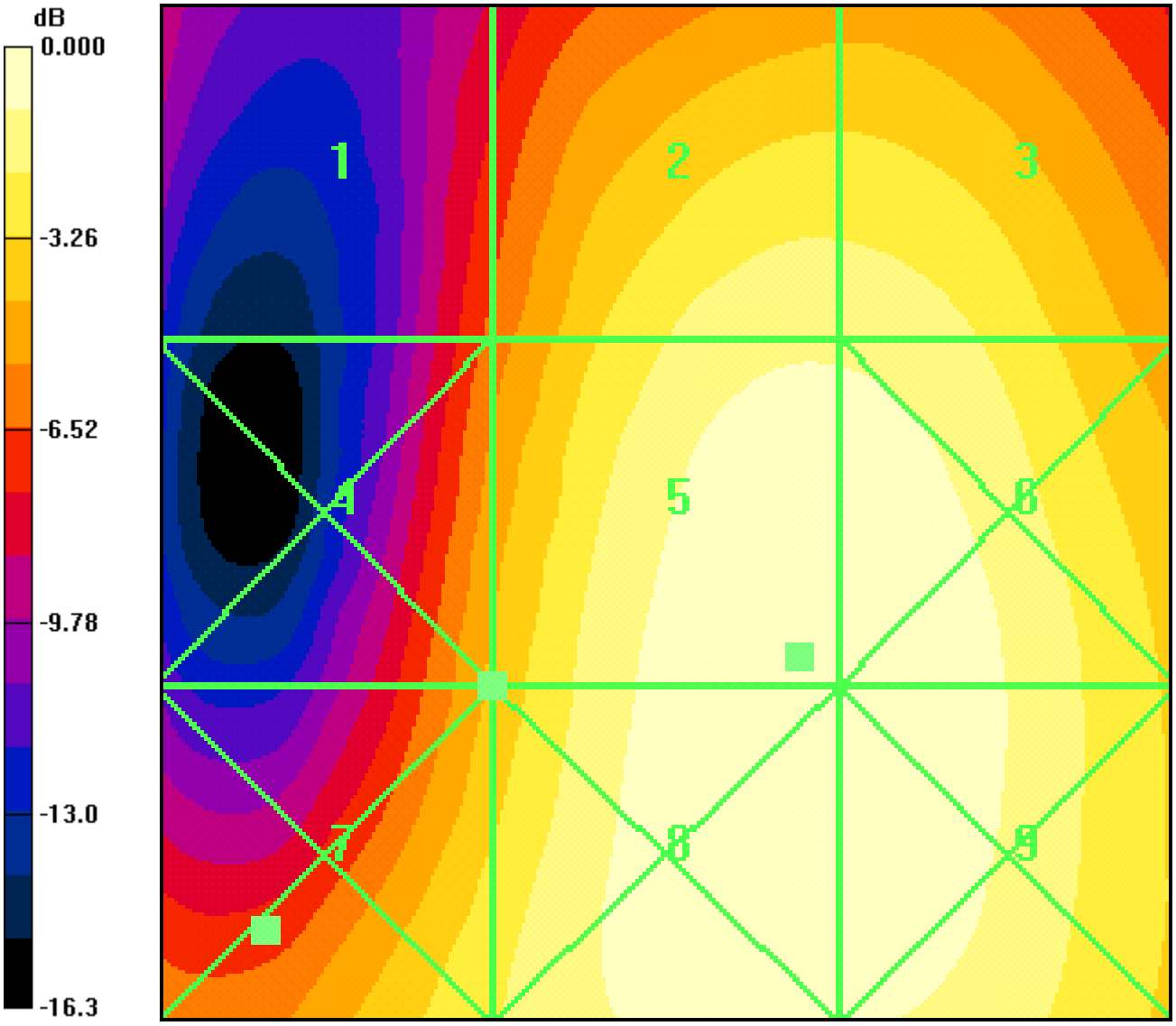
Peak E-field in V/m

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**



0 dB = 41.6V/m

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: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom section: E Device Section Phantom section: H Device Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029; ConvF(1, 1, 1); Calibrated: 4/20/2007Calibrated: 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

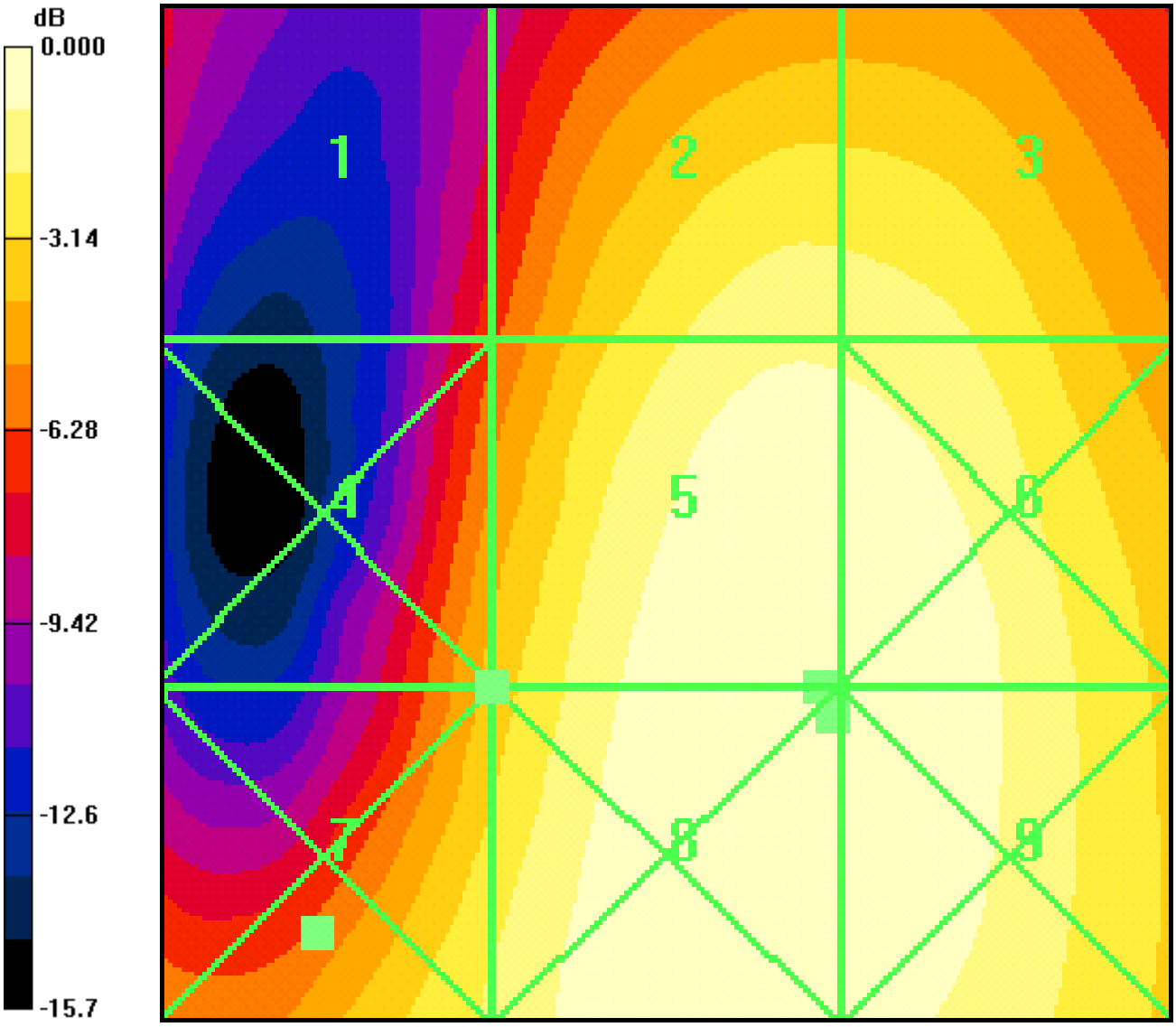
Peak E-field in V/m

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**



0 dB = 40.8V/m