

File Name: [E-FIELD LightPipe-Dualband DV2 #3180, 800Mhz, July10, 08.da4](#)

File Name: [H-FIELD LightPipe-Dualband DV2 #3180, 800Mhz, July10, 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/m<sup>3</sup> Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:  
 - Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123; ConvF(1, 1, 1); Calibrated: 4/17/2008 Calibrated: 9/14/2007  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE4 Sn603; Calibrated: 10/15/2007  
 - 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 = 75.1 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 78.7 V/m; Power Drift = -0.214 dB

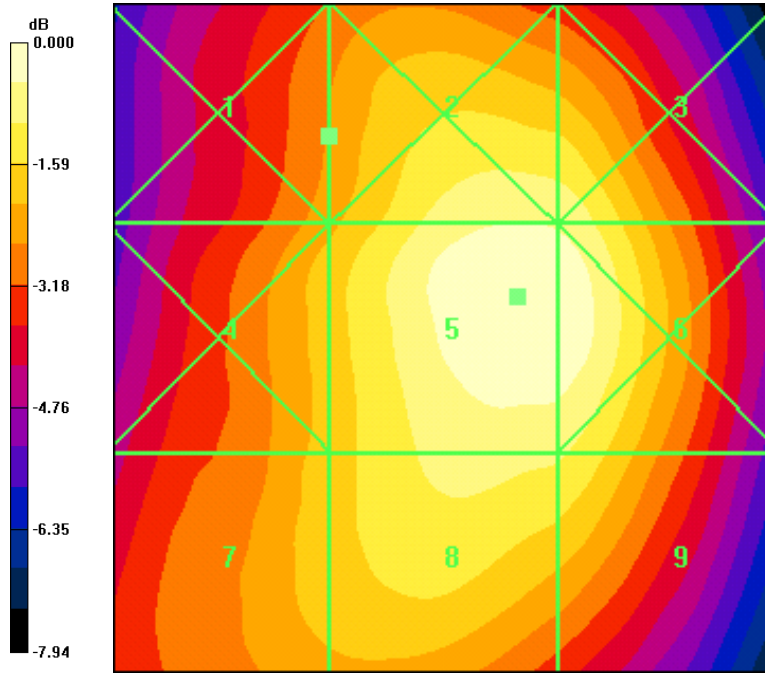
Peak E-field in V/m

Grid 1	Grid 2	Grid 3
57.8	70.6	70.2
Grid 4	Grid 5	Grid 6
61.0	75.1	74.3
Grid 7	Grid 8	Grid 9
61.1	68.3	67.1

**Ch1013\_Backlight On/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.138 A/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.075 A/m; Power Drift = 0.035 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.138	0.099	0.056
Grid 4	Grid 5	Grid 6
0.133	0.096	0.057
Grid 7	Grid 8	Grid 9
0.138	0.095	0.058



0 dB = 75.1V/m

Date: 7/10/2008

File Name: [E-FIELD OVFKWC-K3801 #3180, 800Mhz, July10, 08.da4](#)

File Name: [H-FIELD OVFKWC-K3801 #3180, 800Mhz, July10, 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/m<sup>3</sup> Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123; ConvF(1, 1, 1); Calibrated: 4/17/2008 Calibrated: 9/14/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn603; Calibrated: 10/15/2007
- 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 = 91.1 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 95.6 V/m; Power Drift = -0.215 dB

Peak E-field in V/m

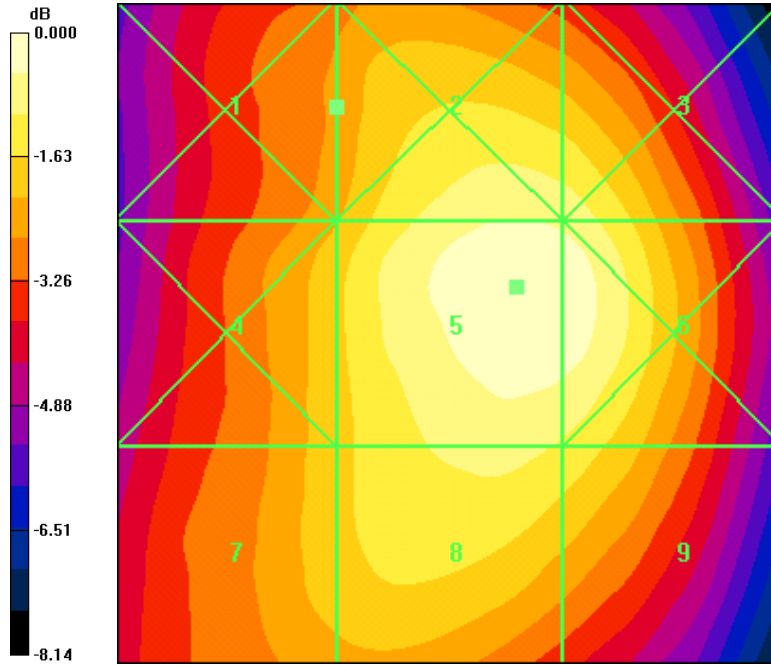
Grid 1	Grid 2	Grid 3
70.5	85.7	84.3
Grid 4	Grid 5	Grid 6
74.5	91.1	89.6
Grid 7	Grid 8	Grid 9
74.1	82.2	79.6

**Ch383\_Backlight On/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 = 0.087 A/m; Power Drift = 0.045 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.168	0.121	0.071
Grid 4	Grid 5	Grid 6
0.161	0.115	0.069
Grid 7	Grid 8	Grid 9
0.163	0.113	0.067



0 dB = 91.1V/m

Date: 7/10/2008

File Name: [E-FIELD OVFKWC-K3801 #3180, 800Mhz, July10, 08.da4](#)

File Name: [H-FIELD OVFKWC-K3801 #3180, 800Mhz, July10, 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/m<sup>3</sup> Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341Probe: H3DV6 - SN6123; ConvF(1, 1, 1); Calibrated: 4/17/2008Calibrated: 9/14/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn603; Calibrated: 10/15/2007
- 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 = 91.4 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 94.9 V/m; Power Drift = -0.027 dB

Peak E-field in V/m

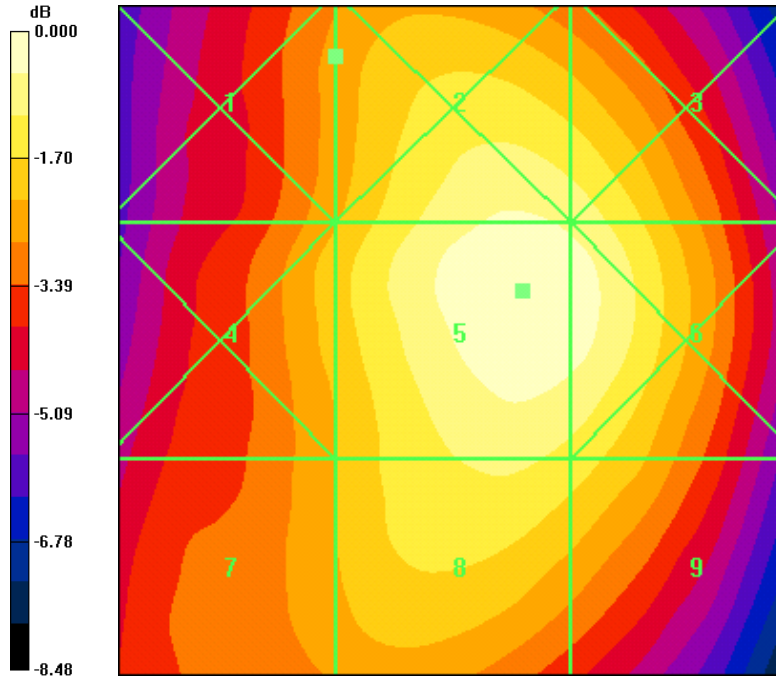
Grid 1	Grid 2	Grid 3
69.9	86.7	84.4
Grid 4	Grid 5	Grid 6
73.2	91.4	89.0
Grid 7	Grid 8	Grid 9
70.4	81.4	78.3

**Ch777\_Backlight On\_BT00th On/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.160 A/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.086 A/m; Power Drift = 0.063 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.183	0.134	0.081
Grid 4	Grid 5	Grid 6
0.167	0.119	0.071
Grid 7	Grid 8	Grid 9
0.160	0.108	0.062



0 dB = 91.4V/m

Date: 7/10/2008

File Name: [E-FIELD\\_OVFKWC-K3801\\_#3180\\_800Mhz\\_July10\\_08.da4](#)

File Name: [H-FIELD\\_OVFKWC-K3801\\_#3180\\_800Mhz\\_July10\\_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/m<sup>3</sup> Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123; ConvF(1, 1, 1); Calibrated: 4/17/2008 Calibrated: 9/14/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn603; Calibrated: 10/15/2007
- 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 = 93.2 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 95.2 V/m; Power Drift = 0.178 dB

Peak E-field in V/m

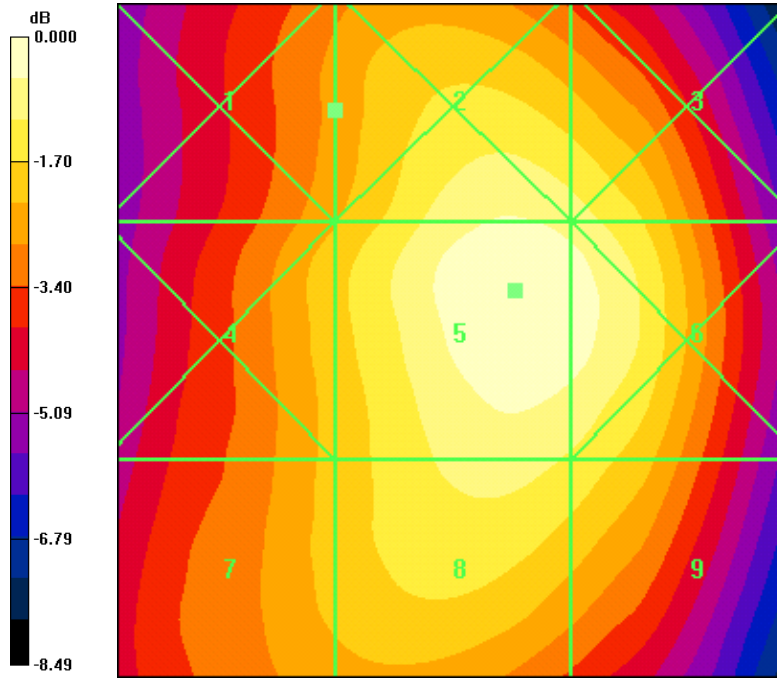
Grid 1	Grid 2	Grid 3
71.4	87.9	85.0
Grid 4	Grid 5	Grid 6
75.2	93.2	90.5
Grid 7	Grid 8	Grid 9
73.8	84.2	81.0

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

Maximum value of peak Total field = 0.155 A/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.083 A/m; Power Drift = -0.031 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.164	0.118	0.068
Grid 4	Grid 5	Grid 6
0.156	0.112	0.067
Grid 7	Grid 8	Grid 9
0.155	0.107	0.063



0 dB = 93.2V/m



Date: 7/10/2008

File Name: [E-FIELD\\_OVFKWC-K3801\\_#3180\\_800Mhz\\_July10\\_08.da4](#)

File Name: [H-FIELD\\_OVFKWC-K3801\\_#3180\\_800Mhz\\_July10\\_08.da4](#)

Communication System: CDMA; Frequency: 824.7 MHz; Frequency: 836.49 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341; Probe: H3DV6 - SN6123; ConvF(1, 1, 1); Calibrated: 4/17/2008; Calibrated: 9/14/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn603; Calibrated: 10/15/2007
- 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 = 94.3 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 95.8 V/m; Power Drift = -0.107 dB

Peak E-field in V/m

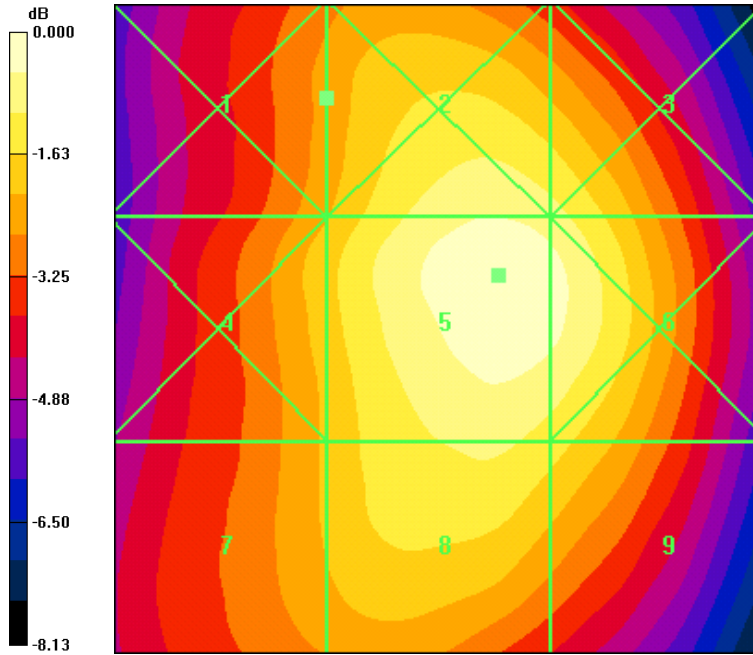
Grid 1	Grid 2	Grid 3
73.2	88.7	85.6
Grid 4	Grid 5	Grid 6
76.7	94.3	90.9
Grid 7	Grid 8	Grid 9
74.3	84.5	80.7

**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 = 0.087 A/m; Power Drift = 0.164 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.168	0.124	0.074
Grid 4	Grid 5	Grid 6
0.160	0.116	0.071
Grid 7	Grid 8	Grid 9
0.163	0.110	0.067



0 dB = 94.3V/m

Date: 7/10/2008

File Name: [E-FIELD\\_OVFKWC-K3801\\_#3180\\_800Mhz\\_July10\\_08.da4](#)

File Name: [H-FIELD\\_OVFKWC-K3801\\_#3180\\_800Mhz\\_July10\\_08.da4](#)

Communication System: CDMA; Frequency: 824.7 MHz; Frequency: 836.49 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341; Probe: H3DV6 - SN6123; ConvF(1, 1, 1); Calibrated: 4/17/2008; Calibrated: 9/14/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn603; Calibrated: 10/15/2007
- 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\_BTtooth On/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 92.5 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 95.9 V/m; Power Drift = -0.097 dB

Peak E-field in V/m

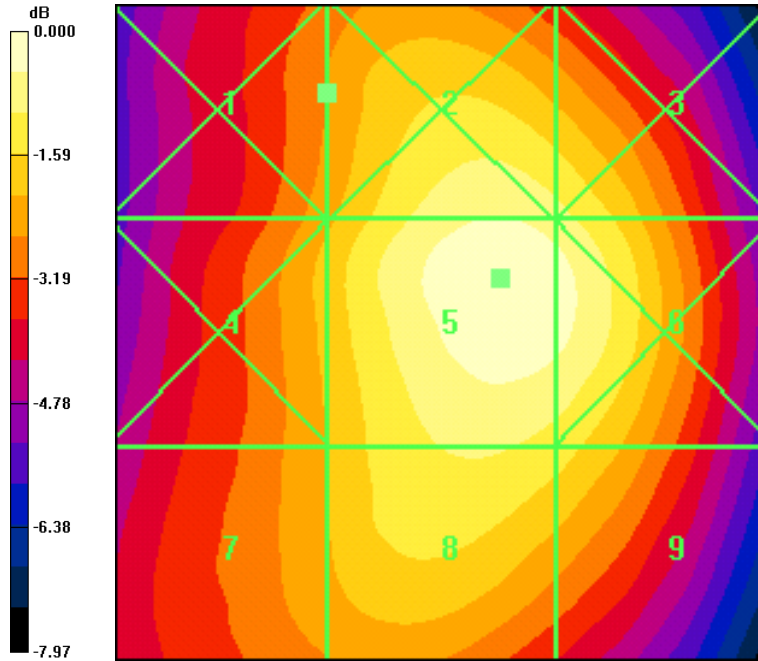
Grid 1	Grid 2	Grid 3
71.4	87.4	84.3
Grid 4	Grid 5	Grid 6
74.5	92.5	89.6
Grid 7	Grid 8	Grid 9
72.9	82.7	79.6

**Ch383\_Backlight On\_BTtooth On/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.165 A/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.091 A/m; Power Drift = -0.033 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.170	0.126	0.072
Grid 4	Grid 5	Grid 6
0.161	0.117	0.070
Grid 7	Grid 8	Grid 9
0.165	0.114	0.065



0 dB = 92.5V/m

Date: 7/10/2008

File Name: [E-FIELD\\_OVFKWC-K3801\\_#3180\\_800Mhz\\_July10\\_08.da4](#)

File Name: [H-FIELD\\_OVFKWC-K3801\\_#3180\\_800Mhz\\_July10\\_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/m<sup>3</sup> Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123; ConvF(1, 1, 1); Calibrated: 4/17/2008 Calibrated: 9/14/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn603; Calibrated: 10/15/2007
- 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 Off/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 100.1 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 102.7 V/m; Power Drift = -0.076 dB

Peak E-field in V/m

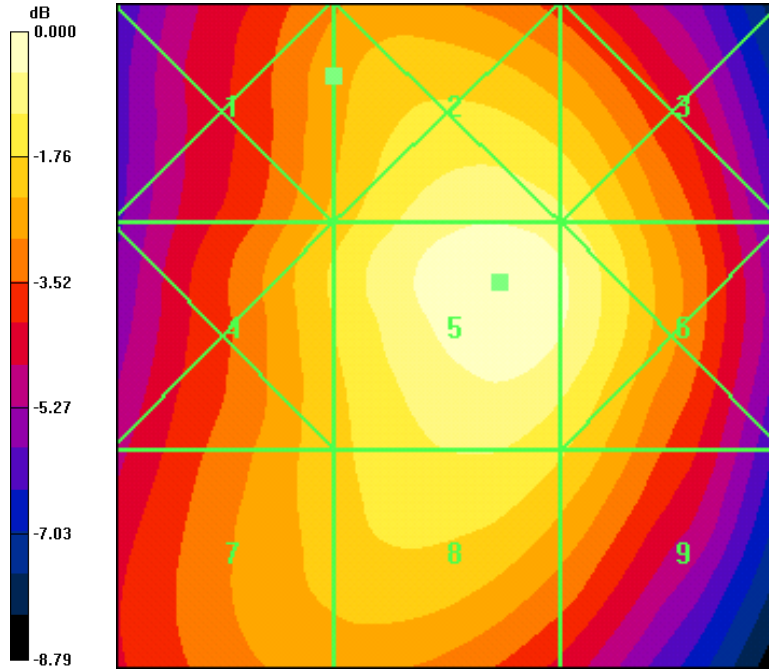
Grid 1	Grid 2	Grid 3
78.4	93.6	89.5
Grid 4	Grid 5	Grid 6
82.7	100.1	94.9
Grid 7	Grid 8	Grid 9
80.0	87.9	82.7

**Ch777 Backlight Off/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.151 A/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.084 A/m; Power Drift = -0.420 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.173	0.125	0.076
Grid 4	Grid 5	Grid 6
0.159	0.113	0.066
Grid 7	Grid 8	Grid 9
0.151	0.100	0.056



0 dB = 100.1V/m

Date: 7/10/2008

File Name: [E-FIELD\\_OVFKWC-K3801\\_#3180\\_800Mhz\\_July10\\_08.da4](#)

File Name: [H-FIELD\\_OVFKWC-K3801\\_#3180\\_800Mhz\\_July10\\_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/m<sup>3</sup> Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123; ConvF(1, 1, 1); Calibrated: 4/17/2008 Calibrated: 9/14/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn603; Calibrated: 10/15/2007
- 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 (360 Degree)/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 98.0 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 98.0 V/m; Power Drift = 0.188 dB

Peak E-field in V/m

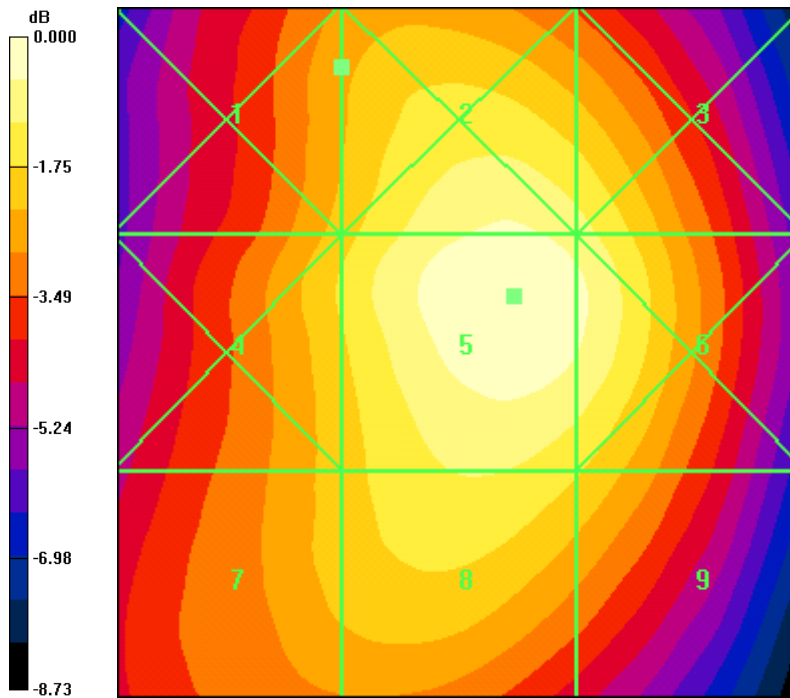
Grid 1	Grid 2	Grid 3
77.7	93.1	88.5
Grid 4	Grid 5	Grid 6
81.0	98.0	93.3
Grid 7	Grid 8	Grid 9
77.6	86.1	80.9

**Ch777 Backlight On (360 Degree)/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.157 A/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.084 A/m; Power Drift = -0.093 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.182	0.130	0.079
Grid 4	Grid 5	Grid 6
0.164	0.116	0.069
Grid 7	Grid 8	Grid 9
0.157	0.105	0.060



0 dB = 98.0V/m



Date: 7/10/2008

File Name: [E-FIELD\\_OVFKWC-K3801\\_#3180\\_800Mhz\\_July10\\_08.da4](#)

File Name: [H-FIELD\\_OVFKWC-K3801\\_#3180\\_800Mhz\\_July10\\_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/m<sup>3</sup> Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341Probe: H3DV6 - SN6123; ConvF(1, 1, 1); Calibrated: 4/17/2008Calibrated: 9/14/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn603; Calibrated: 10/15/2007
- 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\_BT00th 0n/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 97.3 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 101.7 V/m; Power Drift = -0.054 dB

Peak E-field in V/m

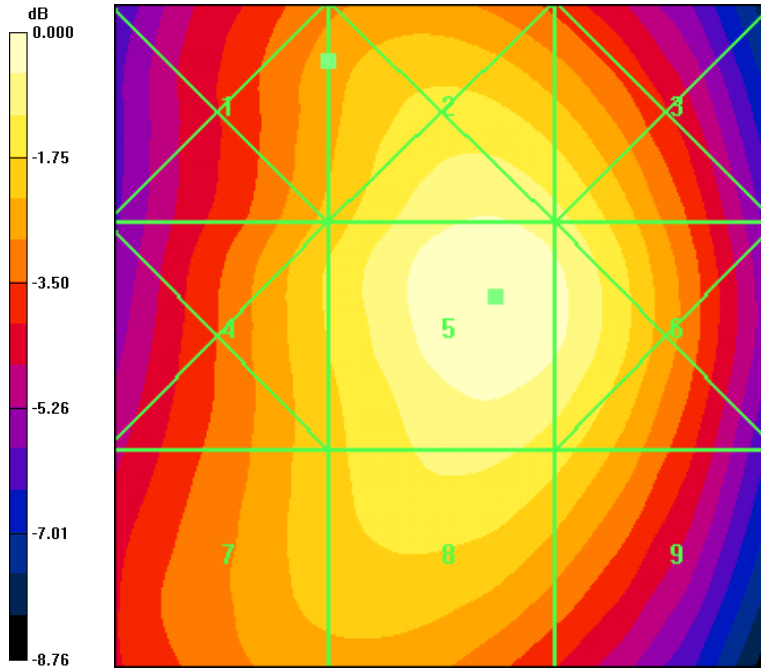
Grid 1	Grid 2	Grid 3
76.4	91.8	87.4
Grid 4	Grid 5	Grid 6
80.4	97.3	92.9
Grid 7	Grid 8	Grid 9
77.9	87.0	82.0

**Ch777\_Backlight On\_BT00th 0n/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.160 A/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.086 A/m; Power Drift = 0.063 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.183	0.134	0.081
Grid 4	Grid 5	Grid 6
0.167	0.119	0.071
Grid 7	Grid 8	Grid 9
0.160	0.108	0.062



0 dB = 97.3V/m

Date: 7/10/2008

File Name: [E-FIELD\\_OVFKWC-K3801\\_#3180\\_1900Mhz\\_July10\\_08.da4](#)

File Name: [H-FIELD\\_OVFKWC-K3801\\_#3180\\_1900Mhz\\_July09\\_08.da4](#)

Communication System: CDMA-1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123; ConvF(1, 1, 1); Calibrated: 4/17/2008 Calibrated: 9/14/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn603; Calibrated: 10/15/2007
- 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 = 58.1 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 54.9 V/m; Power Drift = 0.169 dB

Peak E-field in V/m

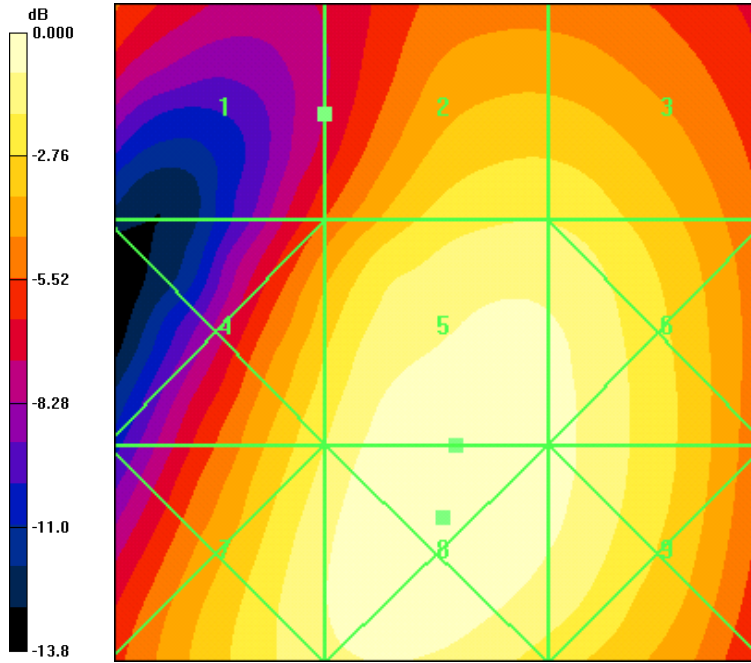
Grid 1	Grid 2	Grid 3
32.7	47.0	46.8
Grid 4	Grid 5	Grid 6
46.9	56.9	54.4
Grid 7	Grid 8	Grid 9
52.0	58.1	54.4

**Ch25\_Backlight On/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.160 A/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.121 A/m; Power Drift = -0.067 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.160	0.149	0.111
Grid 4	Grid 5	Grid 6
0.161	0.146	0.107
Grid 7	Grid 8	Grid 9
0.171	0.131	0.080



0 dB = 58.1V/m

Date: 7/10/2008

File Name: [E-FIELD\\_OVFKWC-K3801\\_#3180\\_1900Mhz\\_July10\\_08.da4](#)

File Name: [H-FIELD\\_OVFKWC-K3801\\_#3180\\_1900Mhz\\_July09\\_08.da4](#)

Communication System: CDMA-1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123; ConvF(1, 1, 1); Calibrated: 4/17/2008 Calibrated: 9/14/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn603; Calibrated: 10/15/2007
- 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 = 66.4 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 67.7 V/m; Power Drift = -0.208 dB

Peak E-field in V/m

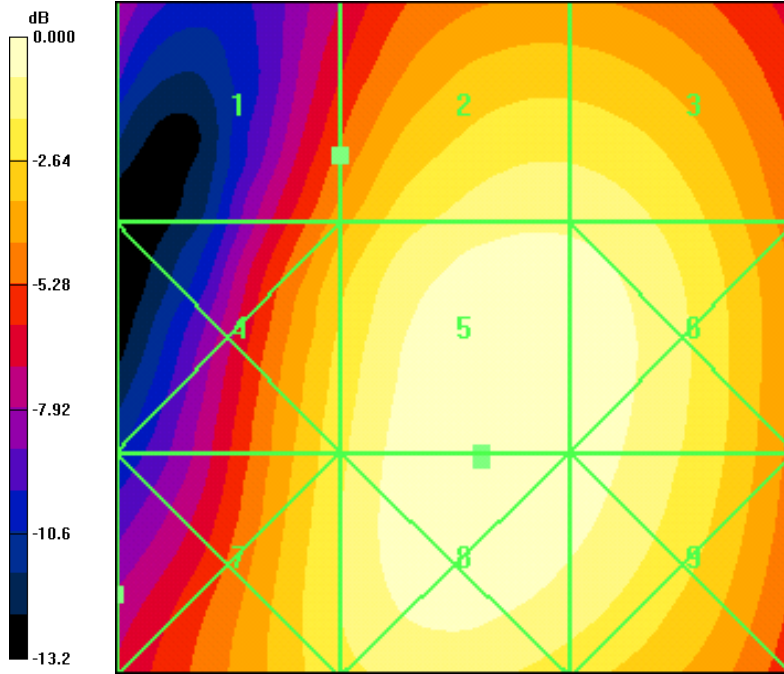
Grid 1	Grid 2	Grid 3
42.4	59.2	58.9
Grid 4	Grid 5	Grid 6
52.8	66.4	64.5
Grid 7	Grid 8	Grid 9
54.5	66.4	63.8

**Ch600\_Backlight On/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.186 A/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.138 A/m; Power Drift = -0.062 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.186	0.163	0.110
Grid 4	Grid 5	Grid 6
0.196	0.163	0.105
Grid 7	Grid 8	Grid 9
0.211	0.163	0.092



0 dB = 66.4V/m

Date: 7/10/2008

File Name: [E-FIELD\\_OVFKWC-K3801\\_#3180\\_1900Mhz\\_July10\\_08.da4](#)

File Name: [H-FIELD\\_OVFKWC-K3801\\_#3180\\_1900Mhz\\_July09\\_08.da4](#)

Communication System: CDMA-1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:  
 - Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123; ConvF(1, 1, 1); Calibrated: 4/17/2008 Calibrated: 9/14/2007  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE4 Sn603; Calibrated: 10/15/2007  
 - 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 = 45.9 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 44.7 V/m; Power Drift = -0.040 dB

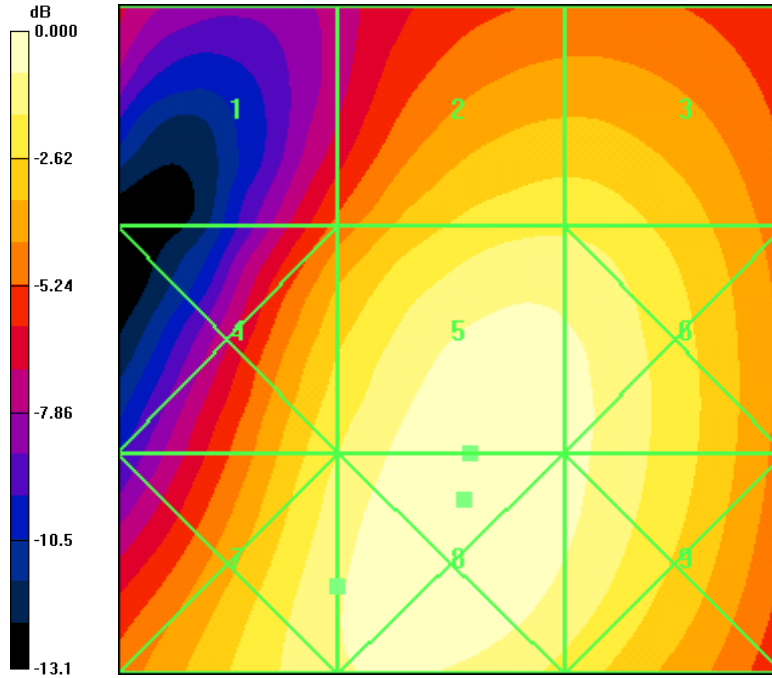
Peak E-field in V/m

Grid 1	Grid 2	Grid 3
26.3	37.3	37.3
Grid 4	Grid 5	Grid 6
37.9	45.9	43.5
Grid 7	Grid 8	Grid 9
41.7	46.4	43.4

**Ch1175\_Backlight On/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.122 A/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.093 A/m; Power Drift = 0.087 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.122	0.110	0.079
Grid 4	Grid 5	Grid 6
0.138	0.112	0.077
Grid 7	Grid 8	Grid 9
0.153	0.116	0.067



0 dB = 46.4V/m



Date: 7/10/2008

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File Name: [H-FIELD\\_OVFKWC-K3801\\_#3180\\_1900Mhz\\_July09\\_08.da4](#)

Communication System: CDMA-1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123; ConvF(1, 1, 1); Calibrated: 4/17/2008 Calibrated: 9/14/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn603; Calibrated: 10/15/2007
- 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 Off/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 63.2 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 65.2 V/m; Power Drift = -0.113 dB

Peak E-field in V/m

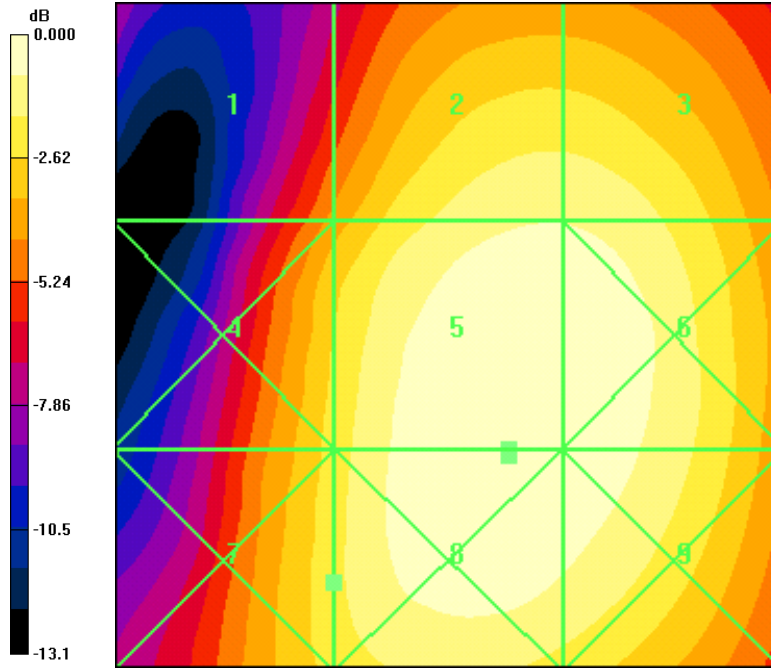
Grid 1	Grid 2	Grid 3
39.9	57.0	56.9
Grid 4	Grid 5	Grid 6
49.0	63.2	62.3
Grid 7	Grid 8	Grid 9
50.3	63.2	61.7

**Ch600 Backlight Off/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.181 A/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.130 A/m; Power Drift = -0.012 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.181	0.159	0.108
Grid 4	Grid 5	Grid 6
0.191	0.158	0.102
Grid 7	Grid 8	Grid 9
0.207	0.160	0.090



0 dB = 63.2V/m

Date: 7/10/2008

File Name: [E-FIELD\\_OVFKWC-K3801\\_#3180\\_1900Mhz\\_July10\\_08.da4](#)

File Name: [H-FIELD\\_OVFKWC-K3801\\_#3180\\_1900Mhz\\_July09\\_08.da4](#)

Communication System: CDMA-1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123; ConvF(1, 1, 1); Calibrated: 4/17/2008 Calibrated: 9/14/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn603; Calibrated: 10/15/2007
- 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 (360 Degree)/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 62.1 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 65.1 V/m; Power Drift = -0.138 dB

Peak E-field in V/m

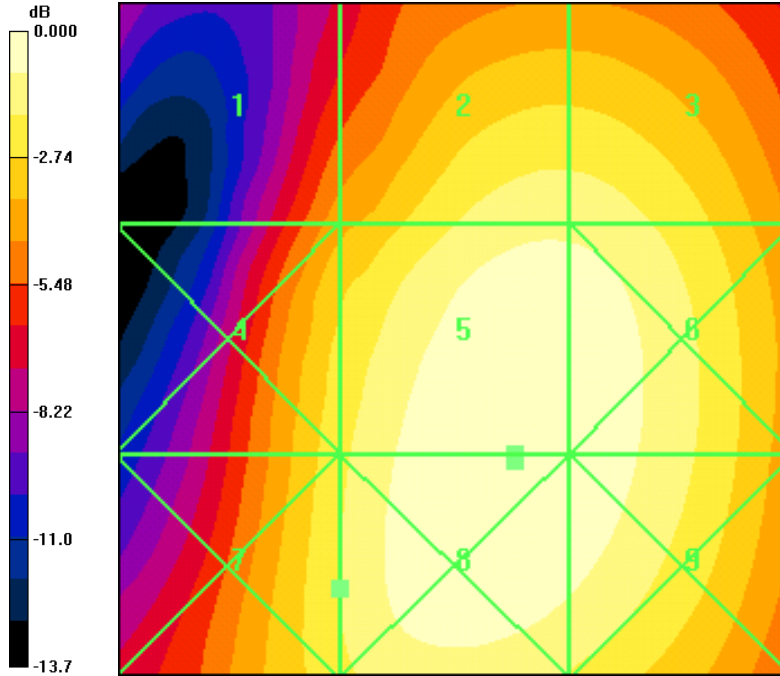
Grid 1	Grid 2	Grid 3
39.2	54.6	54.5
Grid 4	Grid 5	Grid 6
48.8	62.1	60.9
Grid 7	Grid 8	Grid 9
50.3	62.1	60.7

**Ch600 Backlight On (360 Degree)/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.178 A/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.129 A/m; Power Drift = 0.169 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.178	0.158	0.111
Grid 4	Grid 5	Grid 6
0.190	0.157	0.105
Grid 7	Grid 8	Grid 9
0.204	0.159	0.089



0 dB = 62.1V/m

Date: 7/10/2008

File Name: [E-FIELD\\_OVFKWC-K3801\\_#3180\\_1900Mhz\\_July10\\_08.da4](#)

File Name: [H-FIELD\\_OVFKWC-K3801\\_#3180\\_1900Mhz\\_July09\\_08.da4](#)

Communication System: CDMA-1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: E Device Section Phantom section: H Device Section

DASY4 Configuration:  
 - Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123; ConvF(1, 1, 1); Calibrated: 4/17/2008 Calibrated: 9/14/2007  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE4 Sn603; Calibrated: 10/15/2007  
 - 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, BTooth On/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 62.8 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 64.1 V/m; Power Drift = -0.072 dB

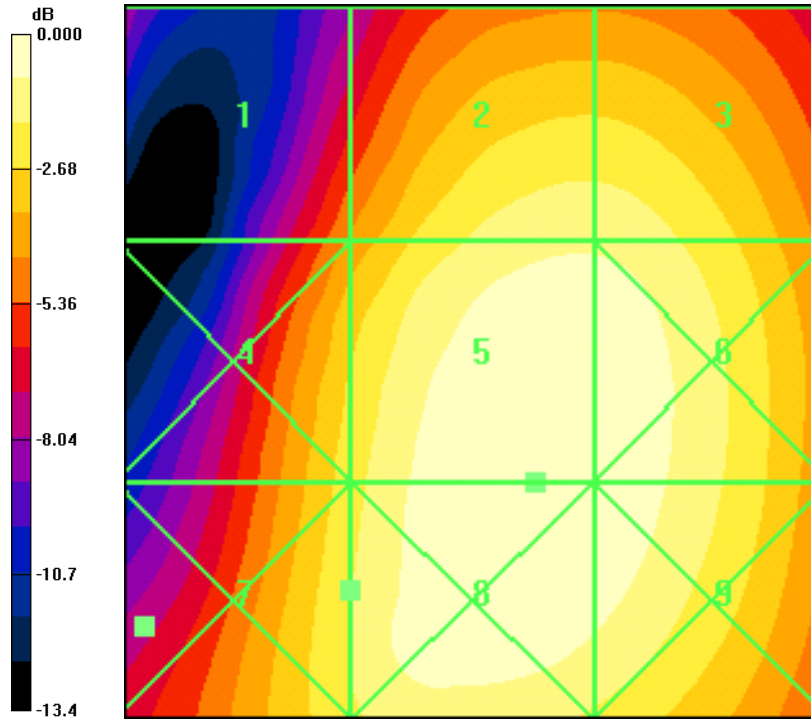
Peak E-field in V/m

Grid 1	Grid 2	Grid 3
38.5	55.6	55.6
Grid 4	Grid 5	Grid 6
49.0	62.8	62.0
Grid 7	Grid 8	Grid 9
51.5	62.8	61.7

**Ch600 Backlight On BTooth On/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.181 A/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.132 A/m; Power Drift = 0.180 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.181	0.163	0.112
Grid 4	Grid 5	Grid 6
0.192	0.163	0.106
Grid 7	Grid 8	Grid 9
0.203	0.165	0.092



0 dB = 62.8V/m