

**CELL channel 1013 Closed Position Bluetooth Off**

Date: 6/12/2009

Communication System: CDMA\_Triband, Frequency: 824.7 MHz, Duty Cycle: 1:1  
Medium: Air\_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: HAC Test Arch, Phantom section: RF Section

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 8/18/2008

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C

**CELL\_1013/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 78.4 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 105.0 V/m; Power Drift = -0.005 dB

Peak E-field in V/m

Grid 1 <b>71.5 M4</b>	Grid 2 <b>74.9 M4</b>	Grid 3 <b>70.1 M4</b>
<b>Grid 4</b> <b>74.3 M4</b>	<b>Grid 5</b> <b>78.4 M4</b>	Grid 6 <b>74.0 M4</b>
<b>Grid 7</b> <b>73.4 M4</b>	<b>Grid 8</b> <b>77.5 M4</b>	Grid 9 <b>73.4 M4</b>

**CELL\_1013/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.115 A/m

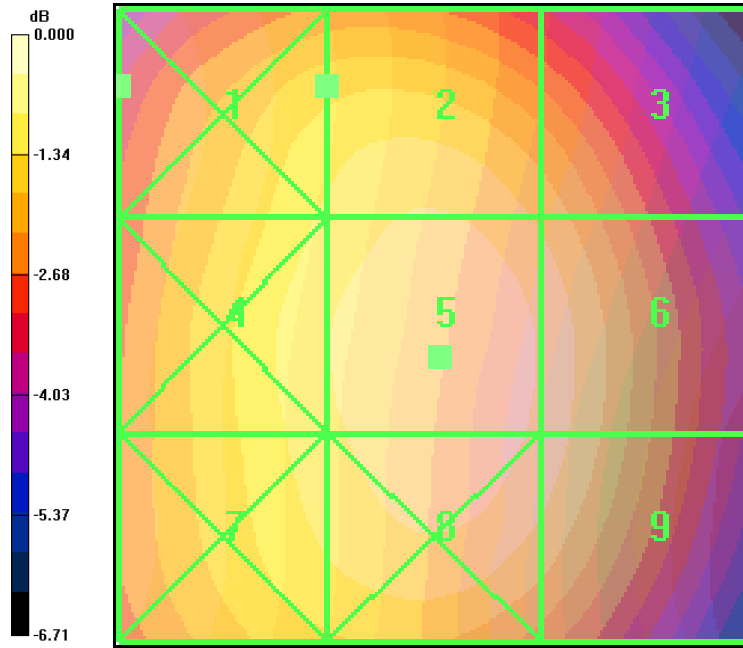
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.088 A/m; Power Drift = 0.043 dB

Peak H-field in A/m

<b>Grid 1</b> <b>0.161 M4</b>	Grid 2 <b>0.115 M4</b>	Grid 3 <b>0.072 M4</b>
<b>Grid 4</b> <b>0.153 M4</b>	<b>Grid 5</b> <b>0.111 M4</b>	Grid 6 <b>0.065 M4</b>
<b>Grid 7</b> <b>0.149 M4</b>	Grid 8 <b>0.104 M4</b>	Grid 9 <b>0.055 M4</b>



0 dB = 78.4V/m

**CELL Channel 383 Closed Position Bluetooth Off**

Date: 6/12/2009

Communication System: CDMA\_Triband, Frequency: 836.49 MHz, Duty Cycle: 1:1  
Medium: Air\_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: HAC Test Arch, Phantom section: RF Section

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 8/18/2008

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8̄ 1 deg C, Liquid T = 22.0̄ 1 deg C

**CELL\_383/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 70.0 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 96.0 V/m; Power Drift = -0.201 dB

Peak E-field in V/m

Grid 1 <b>63.4 M4</b>	Grid 2 <b>66.0 M4</b>	Grid 3 <b>62.1 M4</b>
Grid 4 <b>66.7 M4</b>	Grid 5 <b>70.0 M4</b>	Grid 6 <b>66.6 M4</b>
Grid 7 <b>65.7 M4</b>	Grid 8 <b>69.5 M4</b>	Grid 9 <b>66.2 M4</b>

**CELL\_383/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.086 A/m

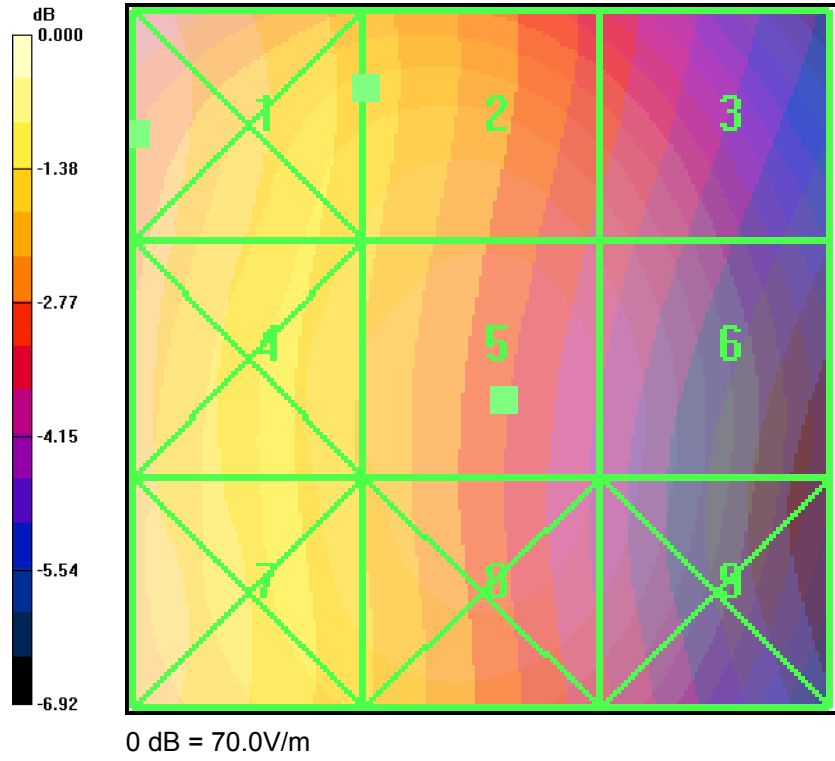
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.067 A/m; Power Drift = 0.139 dB

Peak H-field in A/m

Grid 1 <b>0.130 M4</b>	Grid 2 <b>0.086 M4</b>	Grid 3 <b>0.053 M4</b>
Grid 4 <b>0.126 M4</b>	Grid 5 <b>0.082 M4</b>	Grid 6 <b>0.047 M4</b>
Grid 7 <b>0.124 M4</b>	Grid 8 <b>0.082 M4</b>	Grid 9 <b>0.045 M4</b>



**CELL Channel 777 Closed Position Bluetooth Off**

Date: 6/12/2009

Communication System: CDMA\_Triband, Frequency: 848.31 MHz, Duty Cycle: 1:1  
Medium: Air\_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: HAC Test Arch, Phantom section: RF Section

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 8/18/2008

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C

**CELL\_777/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 68.1 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 86.9 V/m; Power Drift = 0.158

Peak E-field in V/m

Grid 1 <b>61.5 M4</b>	Grid 2 <b>65.5 M4</b>	Grid 3 <b>59.9 M4</b>
Grid 4 <b>64.0 M4</b>	Grid 5 <b>68.1 M4</b>	Grid 6 <b>64.1 M4</b>
Grid 7 <b>63.4 M4</b>	Grid 8 <b>67.3 M4</b>	Grid 9 <b>63.5 M4</b>

**CELL\_777/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.089 A/m

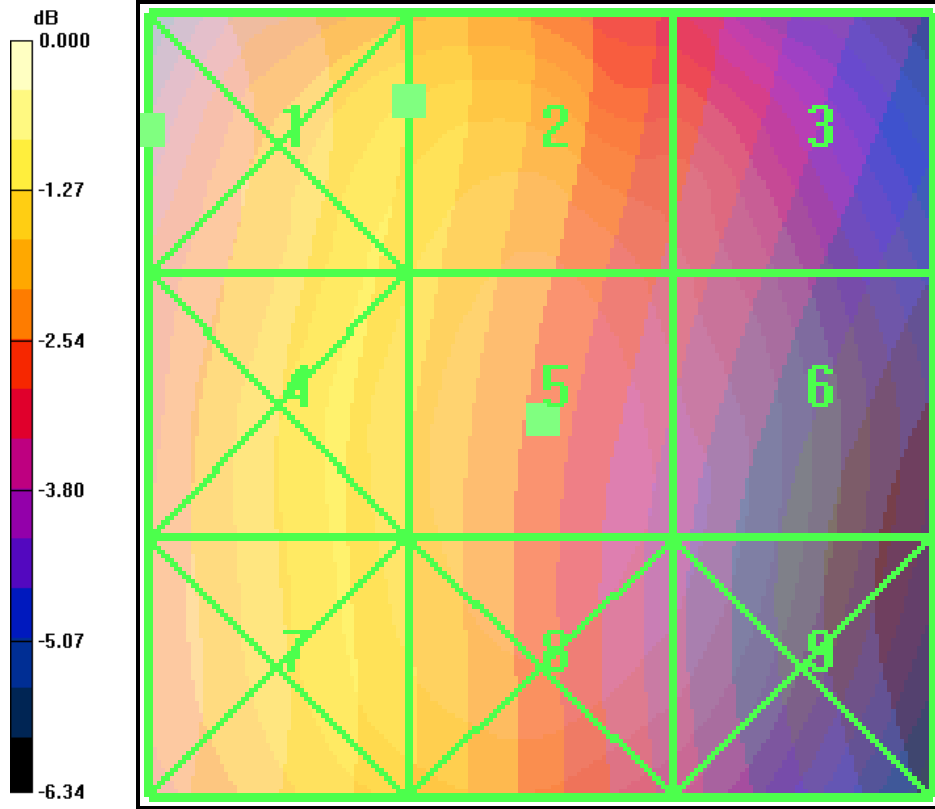
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.064 A/m; Power Drift = -0.103 dB

Peak H-field in A/m

Grid 1 <b>0.122 M4</b>	Grid 2 <b>0.089 M4</b>	Grid 3 <b>0.057 M4</b>
Grid 4 <b>0.119 M4</b>	Grid 5 <b>0.085 M4</b>	Grid 6 <b>0.051 M4</b>
Grid 7 <b>0.117 M4</b>	Grid 8 <b>0.081 M4</b>	Grid 9 <b>0.045 M4</b>



0 dB = 68.1V/m

**CELL Channel 1013 Closed Position 360 degrees**

Date: 6/12/2009

Communication System: CDMA\_Triband, Frequency: 836.49 MHz Frequency: 824.7 MHz, Duty Cycle: 1:1  
Medium: Air\_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: HAC Test Arch, Phantom section: RF Section

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 8/18/2008

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 1 deg C, Liquid T = 22.0 1 deg C

**CELL\_1013 (360 degree)/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 72.6 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 97.3 V/m; Power Drift = -0.026 dB

Peak E-field in V/m

Grid 1 <b>66.1 M4</b>	Grid 2 <b>68.7 M4</b>	Grid 3 <b>64.5 M4</b>
Grid 4 <b>69.2 M4</b>	Grid 5 <b>72.6 M4</b>	Grid 6 <b>69.0 M4</b>
Grid 7 <b>68.6 M4</b>	Grid 8 <b>72.0 M4</b>	Grid 9 <b>68.6 M4</b>

**CELL\_1013 (360 degree)/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.118 A/m

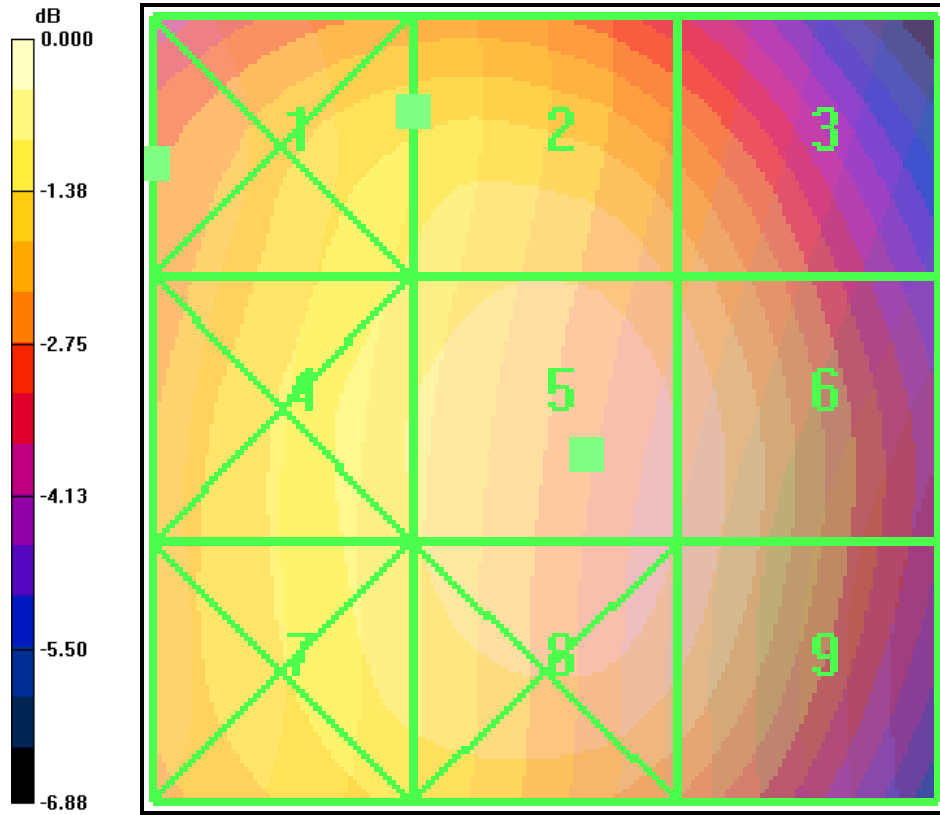
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.083 A/m; Power Drift = 0.043 dB

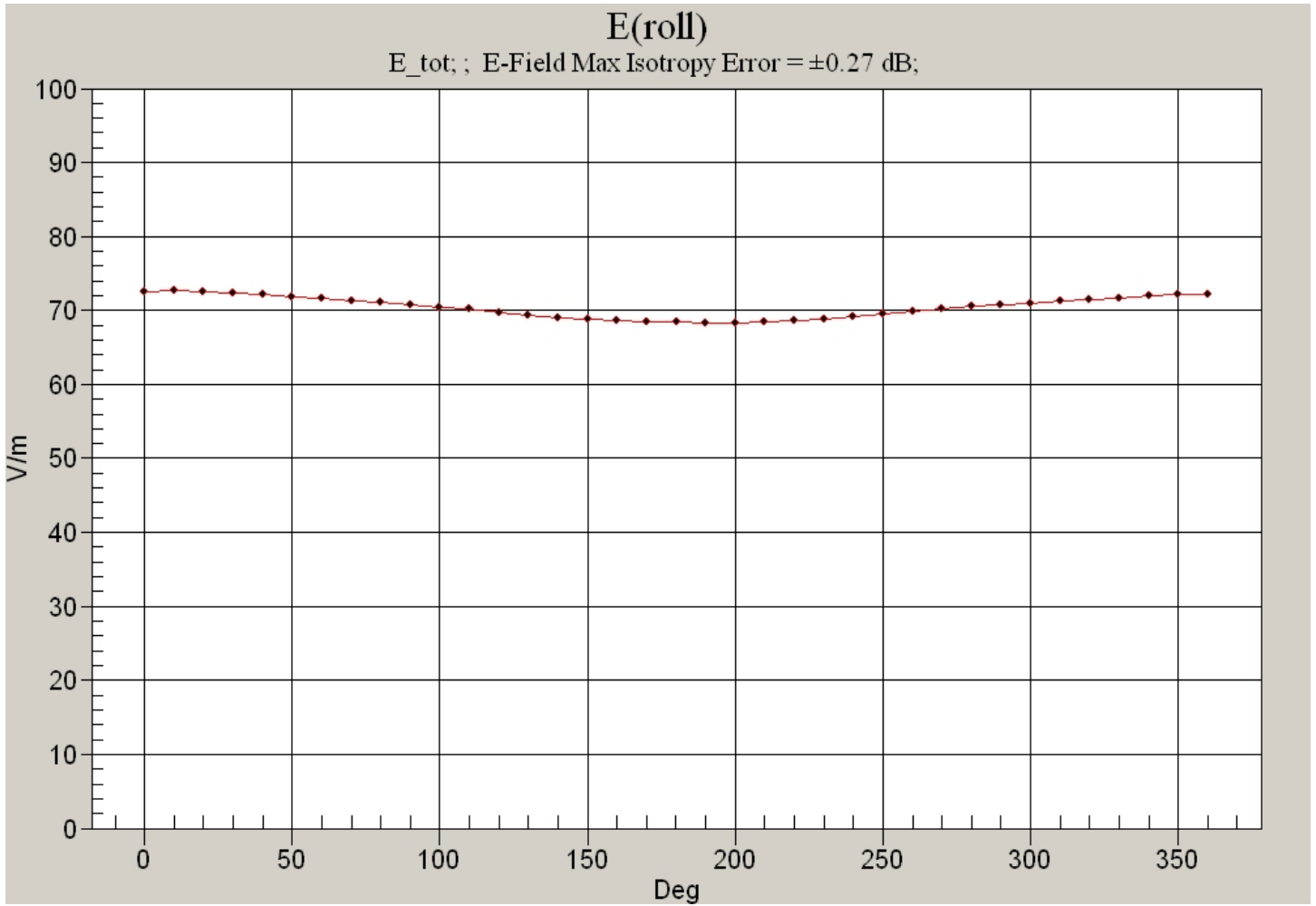
Peak H-field in A/m

Grid 1 <b>0.164 M4</b>	Grid 2 <b>0.118 M4</b>	Grid 3 <b>0.075 M4</b>
Grid 4 <b>0.159 M4</b>	Grid 5 <b>0.113 M4</b>	Grid 6 <b>0.069 M4</b>
Grid 7 <b>0.153 M4</b>	Grid 8 <b>0.107 M4</b>	Grid 9 <b>0.060 M4</b>



0 dB = 72.6V/m





**CELL Channel 1013 Closed Position Bluetooth On**

Date: 6/12/2009

Communication System: CDMA\_Triband, Frequency: 836.49 MHz Frequency: 824.7 MHz, Duty Cycle: 1:1  
Medium: Air\_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: HAC Test Arch, Phantom section: RF Section

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 8/18/2008

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

**CELL\_1013\_BT ON/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 73.5 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 99.4 V/m; Power Drift = -0.121 dB

Peak E-field in V/m

Grid 1 <b>66.6 M4</b>	Grid 2 <b>69.5 M4</b>	Grid 3 <b>64.2 M4</b>
Grid 4 <b>70.1 M4</b>	Grid 5 <b>73.5 M4</b>	Grid 6 <b>68.8 M4</b>
Grid 7 <b>69.7 M4</b>	Grid 8 <b>73.1 M4</b>	Grid 9 <b>68.4 M4</b>

**CELL\_1013\_BTooth ON/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.107 A/m

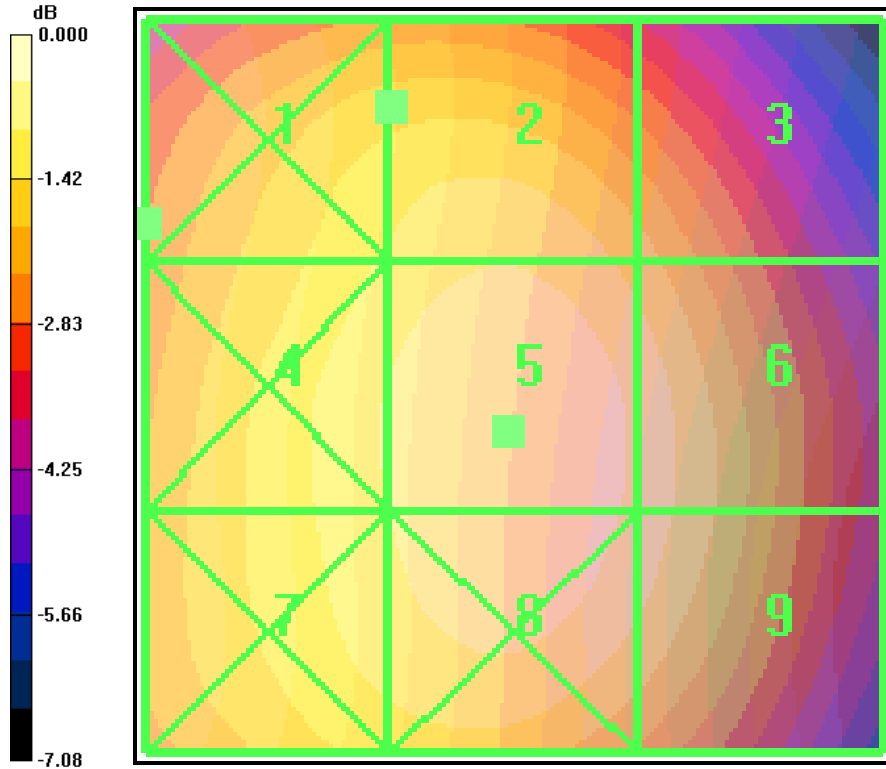
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.078 A/m; Power Drift = 0.186 dB

Peak H-field in A/m

Grid 1 <b>0.145 M4</b>	Grid 2 <b>0.107 M4</b>	Grid 3 <b>0.068 M4</b>
Grid 4 <b>0.144 M4</b>	Grid 5 <b>0.104 M4</b>	Grid 6 <b>0.063 M4</b>
Grid 7 <b>0.144 M4</b>	Grid 8 <b>0.100 M4</b>	Grid 9 <b>0.056 M4</b>



0 dB = 73.5V/m

**CDMA 1700 Channel 25 Closed Bluetooth Off**

Date: 6/12/2009

Communication System: CDMA\_Triband, Frequency: 1711.25 MHz, Duty Cycle: 1:1  
 Medium: Air\_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: HAC Test Arch, Phantom section: RF Section

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 8/18/2008  
 Sensor-Surface: (Fix Surface),  
 Electronics: DAE4 Sn530, Calibrated: 3/12/2009  
 Measurement SW: DASY4, V4.7 Build 71  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

**AWS\_25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 38.1 V/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 40.8 V/m; Power Drift = -0.264 dB

Peak E-field in V/m

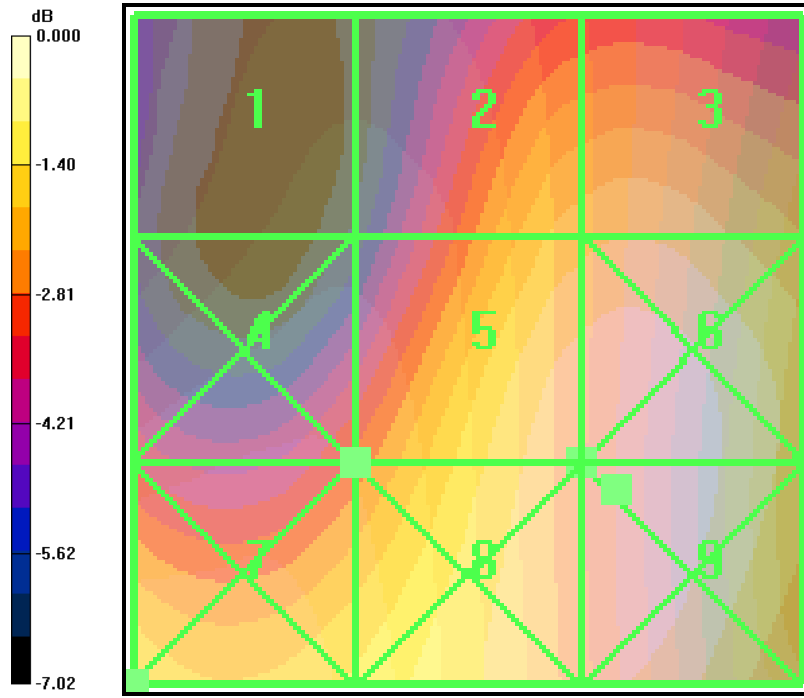
Grid 1 <b>21.1 M4</b>	Grid 2 <b>33.8 M4</b>	Grid 3 <b>34.4 M4</b>
Grid 4 <b>26.8 M4</b>	Grid 5 <b>38.1 M4</b>	Grid 6 <b>38.4 M4</b>
Grid 7 <b>33.0 M4</b>	Grid 8 <b>38.2 M4</b>	Grid 9 <b>38.4 M4</b>

**AWS\_25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.105 A/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 0.108 A/m; Power Drift = 0.141 dB

Peak H-field in A/m

Grid 1 <b>0.097 M4</b>	Grid 2 <b>0.097 M4</b>	Grid 3 <b>0.080 M4</b>
Grid 4 <b>0.106 M4</b>	Grid 5 <b>0.105 M4</b>	Grid 6 <b>0.080 M4</b>
Grid 7 <b>0.118 M4</b>	Grid 8 <b>0.109 M4</b>	Grid 9 <b>0.080 M4</b>



0 dB = 38.4V/m

**CDMA 1700 Channel 450 Closed Bluetooth Off**

Date: 6/12/2009

Communication System: CDMA\_Triband, Frequency: 1732.5 MHz, Duty Cycle: 1:1  
Medium: Air\_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: HAC Test Arch, Phantom section: RF Section

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 8/18/2008

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

**AWS\_450/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

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 35.9 V/m; Power Drift = 0.017 dB

Peak E-field in V/m

Grid 1 <b>23.8 M4</b>	Grid 2 <b>28.7 M4</b>	Grid 3 <b>29.6 M4</b>
Grid 4 <b>26.6 M4</b>	Grid 5 <b>35.1 M4</b>	Grid 6 <b>35.4 M4</b>
Grid 7 <b>33.6 M4</b>	Grid 8 <b>36.6 M4</b>	Grid 9 <b>36.5 M4</b>

**AWS\_450/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.105 A/m

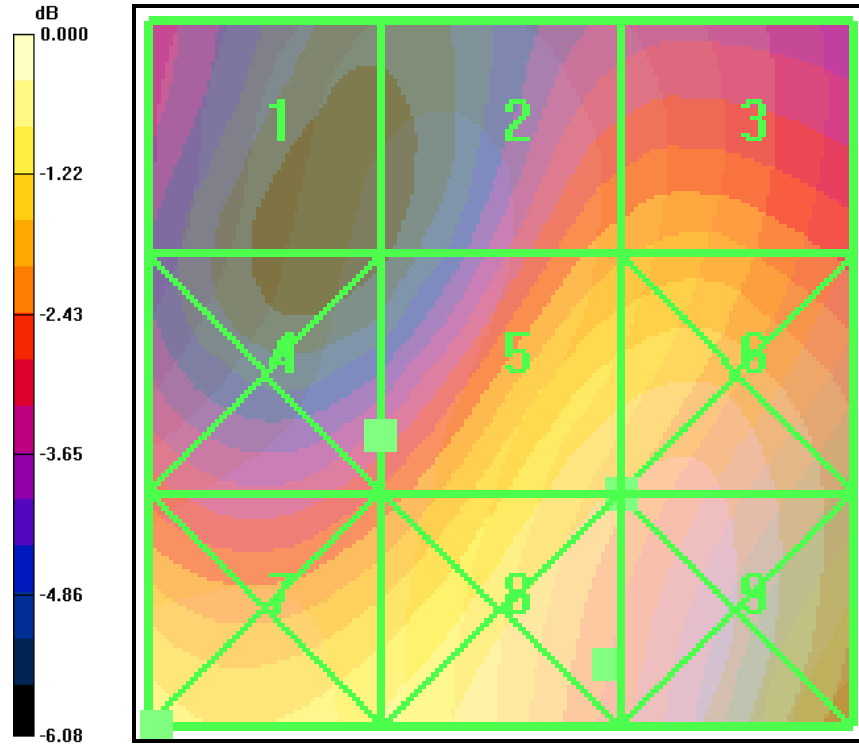
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.115 A/m; Power Drift = -0.089 dB

Peak H-field in A/m

Grid 1 <b>0.105 M4</b>	Grid 2 <b>0.105 M4</b>	Grid 3 <b>0.097 M4</b>
Grid 4 <b>0.106 M4</b>	Grid 5 <b>0.105 M4</b>	Grid 6 <b>0.097 M4</b>
Grid 7 <b>0.113 M4</b>	Grid 8 <b>0.105 M4</b>	Grid 9 <b>0.087 M4</b>



0 dB = 36.6V/m

**CDMA 1700 Channel 875 Closed Bluetooth Off**

Date: 6/12/2009

Communication System: CDMA\_Triband, Frequency: 1753.75 MHz, Duty Cycle: 1:1  
Medium: Air\_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: HAC Test Arch, Phantom section: RF Section

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 8/18/2008

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

**AWS\_875/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 38.7 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 42.0 V/m; Power Drift = -0.046 dB

Peak E-field in V/m

Grid 1 <b>23.8 M4</b>	Grid 2 <b>31.3 M4</b>	Grid 3 <b>31.5 M4</b>
<b>31.1 M4</b>	<b>38.0 M4</b>	Grid 6 <b>37.9 M4</b>
<b>37.0 M4</b>	<b>39.1 M4</b>	Grid 9 <b>38.7 M4</b>

**AWS\_875/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.121 A/m

Probe Modulation Factor = 1.00

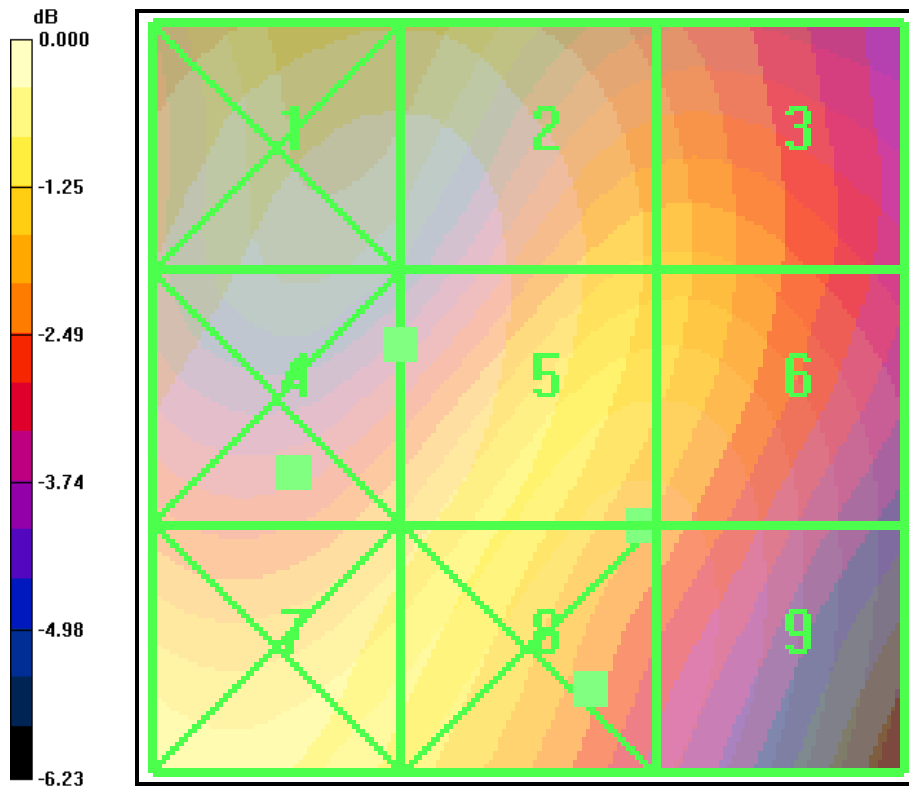
Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.127 A/m; Power Drift = -0.083 dB

Peak H-field in A/m

<b>0.121 M4</b>	Grid 2 <b>0.121 M4</b>	Grid 3 <b>0.102 M4</b>
<b>0.122 M4</b>	<b>0.121 M4</b>	Grid 6 <b>0.102 M4</b>
<b>0.122 M4</b>	Grid 8 <b>0.118 M4</b>	Grid 9 <b>0.091 M4</b>





0 dB = 39.1V/m

**CDMA 1700 Channel 875 Closed 360 degrees**

Date: 6/12/2009

Communication System: CDMA\_Triband, Frequency: 1711.25 MHz Frequency: 1753.75 MHz, Duty Cycle: 1:1  
Medium: Air\_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: HAC Test Arch, Phantom section: RF Section

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 8/18/2008

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

**AWS\_875 (360 degree)/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 39.1 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 40.7 V/m; Power Drift = -0.136 dB

Peak E-field in V/m

Grid 1 <b>24.8 M4</b>	Grid 2 <b>31.5 M4</b>	Grid 3 <b>32.2 M4</b>
Grid 4 <b>28.6 M4</b>	Grid 5 <b>38.9 M4</b>	Grid 6 <b>39.1 M4</b>
Grid 7 <b>36.6 M4</b>	Grid 8 <b>40.5 M4</b>	Grid 9 <b>40.3 M4</b>

**AWS\_875 (360 degree)/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.126 A/m

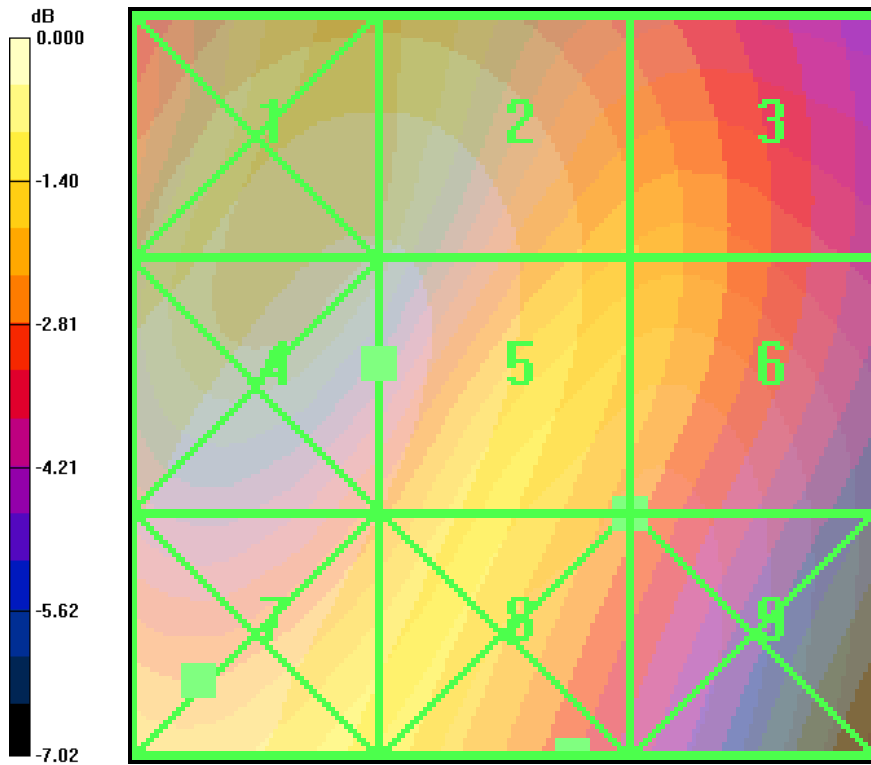
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

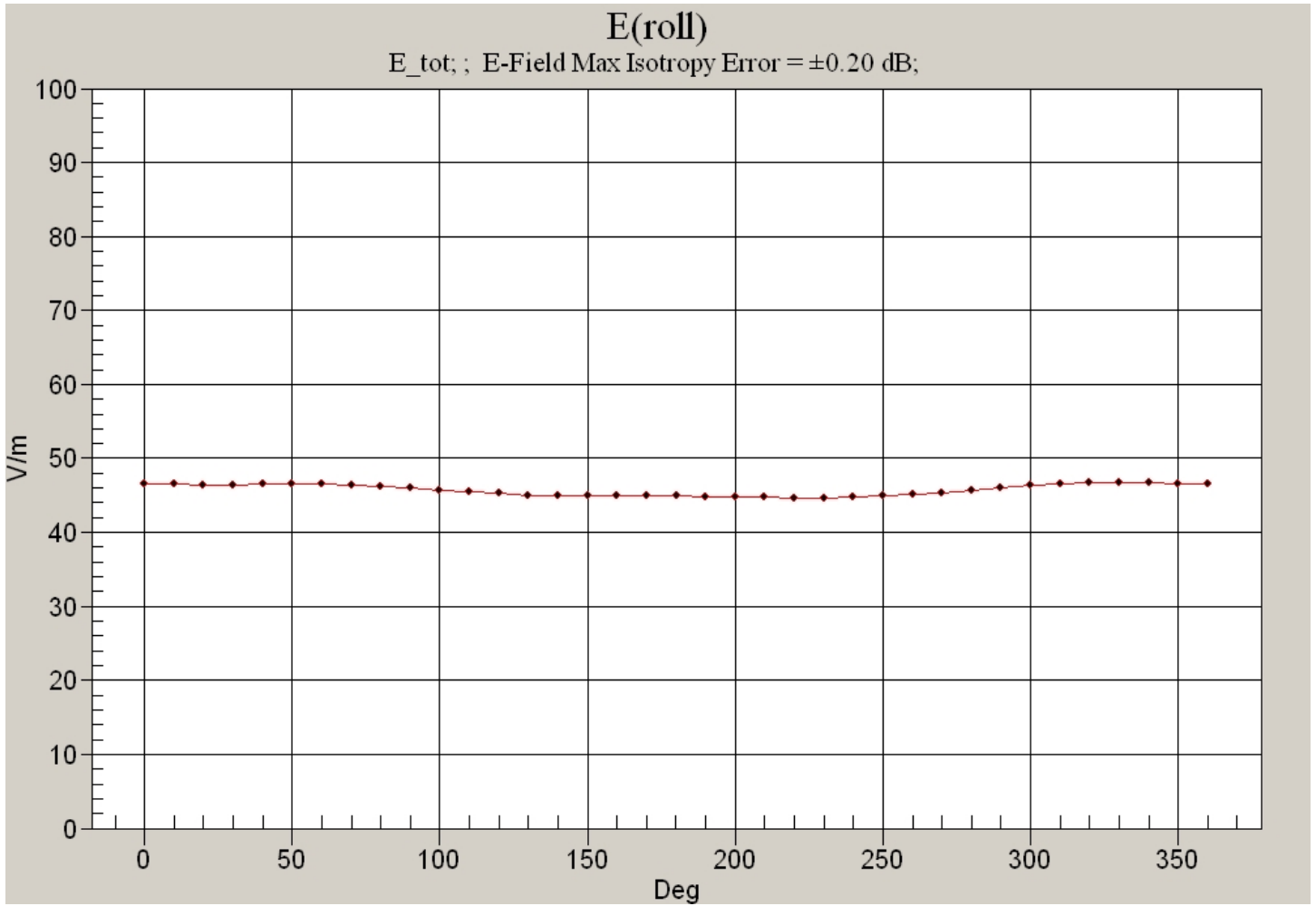
Reference Value = 0.127 A/m; Power Drift = 0.158 dB

Peak H-field in A/m

Grid 1 <b>0.125 M4</b>	Grid 2 <b>0.124 M4</b>	Grid 3 <b>0.105 M4</b>
Grid 4 <b>0.128 M4</b>	Grid 5 <b>0.126 M4</b>	Grid 6 <b>0.105 M4</b>
Grid 7 <b>0.131 M4</b>	Grid 8 <b>0.124 M4</b>	Grid 9 <b>0.095 M4</b>



0 dB = 40.5V/m



**CDMA 1700 Channel 875 Closed Bluetooth On**

Date: 6/12/2009

Communication System: CDMA\_Triband, Frequency: 1711.25 MHz Frequency: 1753.75 MHz, Duty Cycle: 1:1  
Medium: Air\_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: HAC Test Arch, Phantom section: RF Section

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 8/18/2008

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

**AWS\_875\_BT ON/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 37.0 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 37.7 V/m; Power Drift = -0.058 dB

Peak E-field in V/m

Grid 1 <b>27.0 M4</b>	Grid 2 <b>30.4 M4</b>	Grid 3 <b>30.9 M4</b>
Grid 4 <b>28.4 M4</b>	Grid 5 <b>37.0 M4</b>	Grid 6 <b>37.0 M4</b>
Grid 7 <b>34.8 M4</b>	Grid 8 <b>38.4 M4</b>	Grid 9 <b>38.3 M4</b>

**AWS\_875\_BTooth ON/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.121 A/m

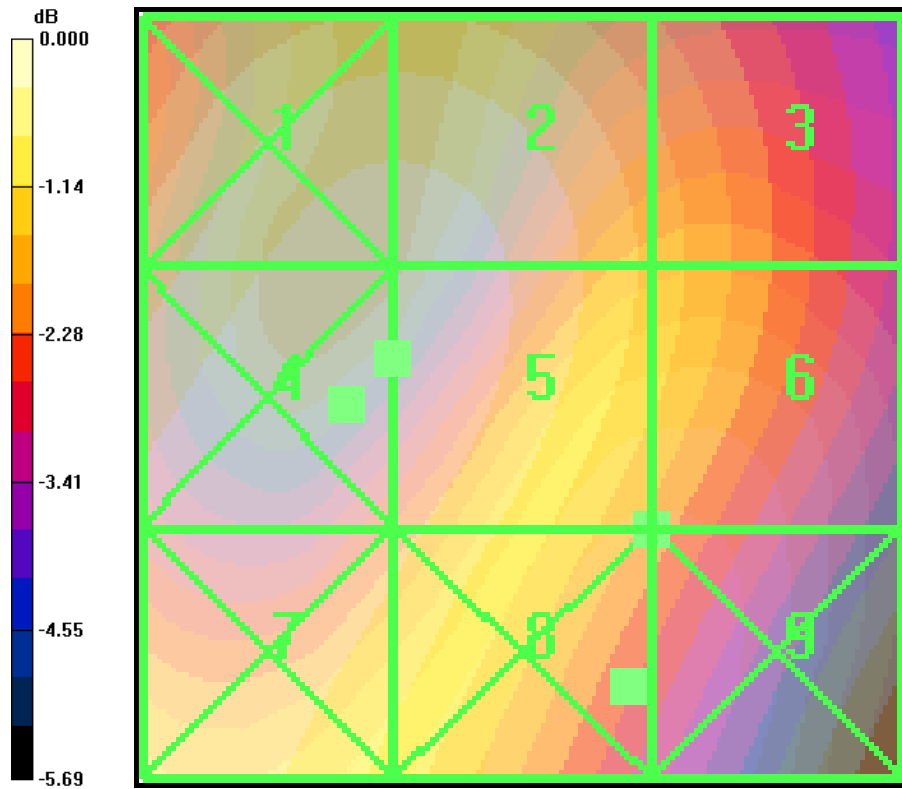
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.127 A/m; Power Drift = -0.038 dB

Peak H-field in A/m

Grid 1 <b>0.120 M4</b>	Grid 2 <b>0.120 M4</b>	Grid 3 <b>0.103 M4</b>
Grid 4 <b>0.122 M4</b>	Grid 5 <b>0.121 M4</b>	Grid 6 <b>0.103 M4</b>
Grid 7 <b>0.121 M4</b>	Grid 8 <b>0.118 M4</b>	Grid 9 <b>0.093 M4</b>



0 dB = 38.4V/m

**CDMA 1900 Channel 25 Closed Bluetooth Off**

Date: 6/12/2009

Communication System: CDMA\_Triband, Frequency: 1850 MHz, Duty Cycle: 1:1  
Medium: Air\_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: HAC Test Arch, Phantom section: RF Section

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 8/18/2008

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**PCS\_25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 31.2 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 31.4 V/m; Power Drift = 0.060 dB

Peak E-field in V/m

Grid 1 <b>22.3 M4</b>	Grid 2 <b>25.1 M4</b>	Grid 3 <b>25.7 M4</b>
Grid 4 <b>19.7 M4</b>	Grid 5 <b>31.0 M4</b>	Grid 6 <b>31.2 M4</b>
Grid 7 <b>24.5 M4</b>	Grid 8 <b>31.8 M4</b>	Grid 9 <b>31.8 M4</b>

**PCS\_25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.088 A/m

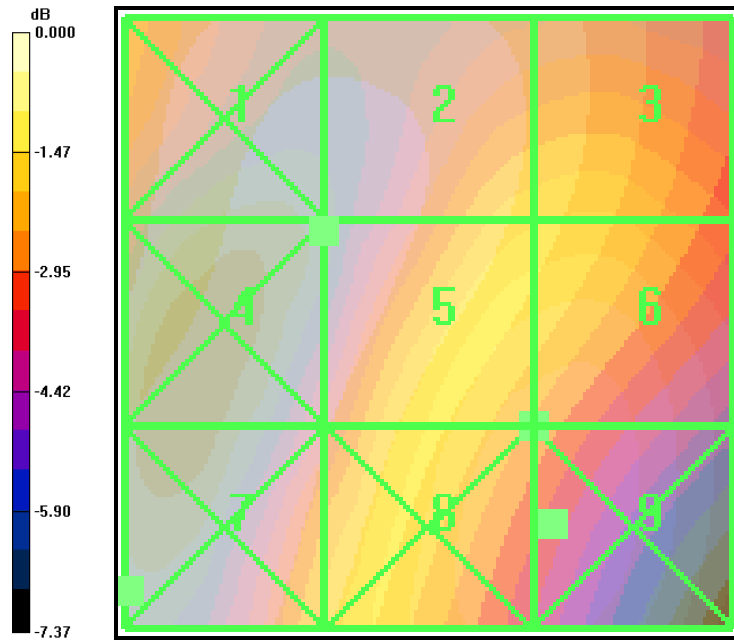
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.089 A/m; Power Drift = 0.108 dB

Peak H-field in A/m

Grid 1 <b>0.088 M4</b>	Grid 2 <b>0.088 M4</b>	Grid 3 <b>0.080 M4</b>
Grid 4 <b>0.089 M4</b>	Grid 5 <b>0.088 M4</b>	Grid 6 <b>0.078 M4</b>
Grid 7 <b>0.091 M4</b>	Grid 8 <b>0.086 M4</b>	Grid 9 <b>0.065 M4</b>



0 dB = 31.8V/m



**CDMA 1900 Channel 600 Closed Bluetooth Off**

Date: 6/12/2009

Communication System: CDMA\_Triband, Frequency: 1880 MHz, Duty Cycle: 1:1  
Medium: Air\_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: HAC Test Arch, Phantom section: RF Section

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 8/18/2008

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**PCS\_600/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 34.9 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 34.7 V/m; Power Drift = -0.055 dB

Peak E-field in V/m

Grid 1 <b>24.1 M4</b>	Grid 2 <b>28.1 M4</b>	Grid 3 <b>28.3 M4</b>
Grid 4 <b>24.5 M4</b>	Grid 5 <b>34.9 M4</b>	Grid 6 <b>34.9 M4</b>
Grid 7 <b>29.1 M4</b>	Grid 8 <b>36.1 M4</b>	Grid 9 <b>36.1 M4</b>

**PCS\_600/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.104 A/m

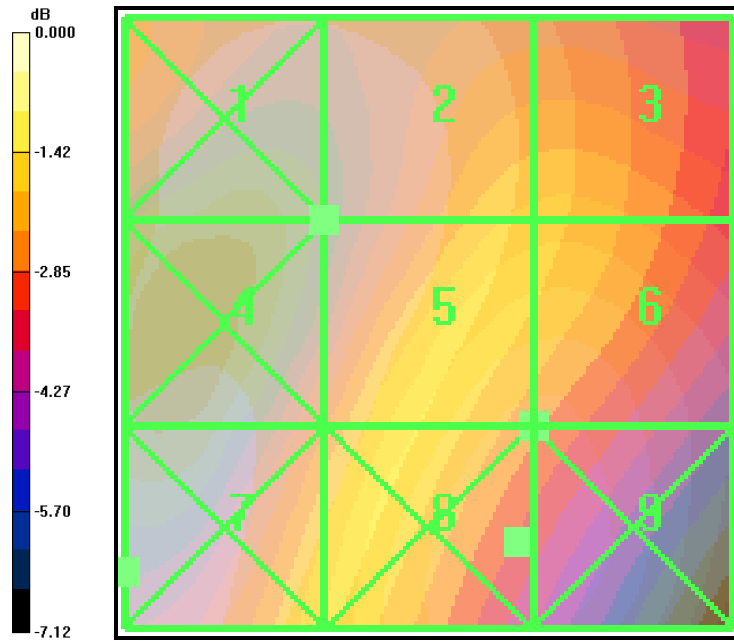
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.104 A/m; Power Drift = 0.013 dB

Peak H-field in A/m

Grid 1 <b>0.105 M4</b>	Grid 2 <b>0.104 M4</b>	Grid 3 <b>0.090 M4</b>
Grid 4 <b>0.108 M4</b>	Grid 5 <b>0.104 M4</b>	Grid 6 <b>0.089 M4</b>
Grid 7 <b>0.113 M4</b>	Grid 8 <b>0.102 M4</b>	Grid 9 <b>0.076 M4</b>



**CDMA 1900 Channel 1175 Closed Bluetooth Off**

Date: 6/12/2009

Communication System: CDMA\_Triband, Frequency: 1910 MHz, Duty Cycle: 1:1  
Medium: Air\_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: HAC Test Arch, Phantom section: RF Section

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 8/18/2008

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**PCS\_1175/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 31.5 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 30.7 V/m; Power Drift = 0.097 dB

Peak E-field in V/m

Grid 1 <b>24.9 M4</b>	Grid 2 <b>25.7 M4</b>	Grid 3 <b>26.2 M4</b>
Grid 4 <b>20.8 M4</b>	Grid 5 <b>30.9 M4</b>	Grid 6 <b>31.1 M4</b>
Grid 7 <b>23.2 M4</b>	Grid 8 <b>31.5 M4</b>	Grid 9 <b>31.5 M4</b>

**PCS\_1175/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.099 A/m

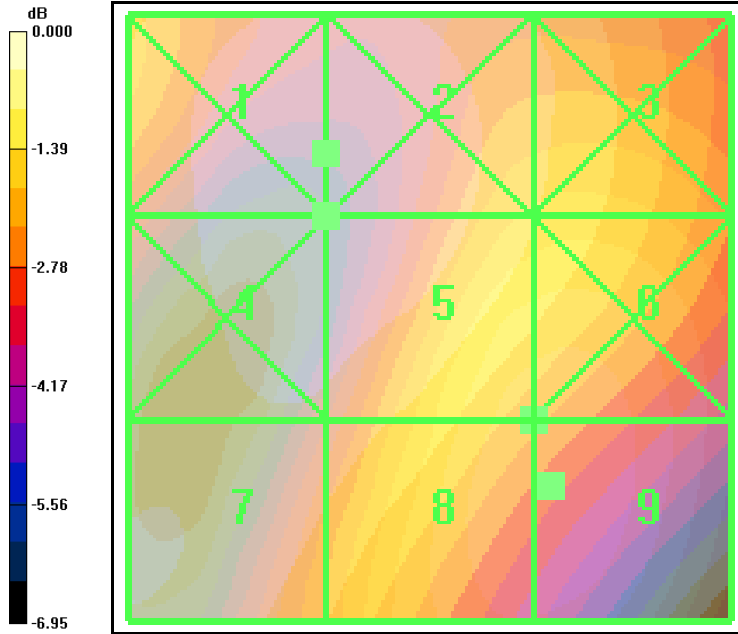
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.100 A/m; Power Drift = 0.048 dB

Peak H-field in A/m

Grid 1 <b>0.100 M4</b>	Grid 2 <b>0.100 M4</b>	Grid 3 <b>0.089 M4</b>
Grid 4 <b>0.099 M4</b>	Grid 5 <b>0.099 M4</b>	Grid 6 <b>0.088 M4</b>
Grid 7 <b>0.094 M4</b>	Grid 8 <b>0.091 M4</b>	Grid 9 <b>0.073 M4</b>



0 dB = 31.5V/m

**CDMA 1900 Channel 1175 Closed 360 degrees**

Date: 6/12/2009

Communication System: CDMA\_Triband, Frequency: 1910 MHz Frequency: 1880 MHz, Duty Cycle: 1:1  
Medium: Air\_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: HAC Test Arch, Phantom section: RF Section

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 8/18/2008

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

**PCS\_600 (360 degree)/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 38.0 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 37.3 V/m; Power Drift = -0.070 dB

Peak E-field in V/m

Grid 1 <b>26.0 M4</b>	Grid 2 <b>30.3 M4</b>	Grid 3 <b>30.7 M4</b>
Grid 4 <b>25.1 M4</b>	Grid 5 <b>37.9 M4</b>	Grid 6 <b>38.0 M4</b>
Grid 7 <b>30.3 M4</b>	Grid 8 <b>39.1 M4</b>	Grid 9 <b>39.1 M4</b>

**PCS\_600 (360 degree)/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.100 A/m

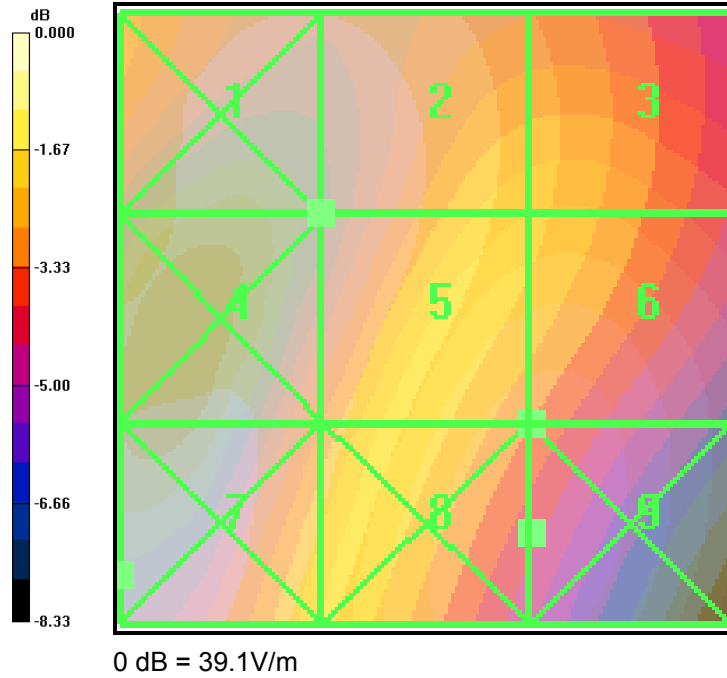
Probe Modulation Factor = 1.00

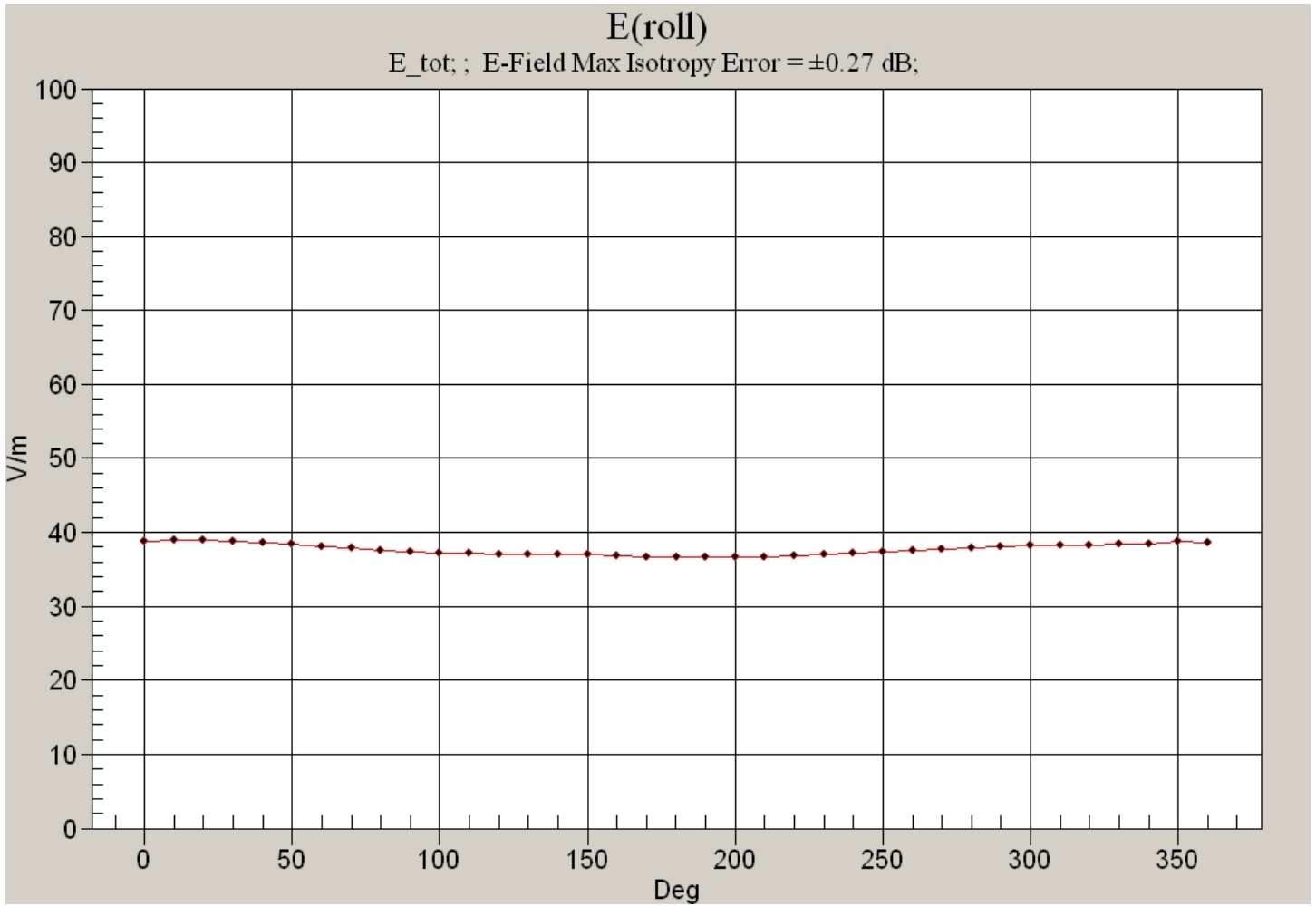
Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.099 A/m; Power Drift = 0.045 dB

Peak H-field in A/m

Grid 1 <b>0.100 M4</b>	Grid 2 <b>0.100 M4</b>	Grid 3 <b>0.087 M4</b>
Grid 4 <b>0.103 M4</b>	Grid 5 <b>0.100 M4</b>	Grid 6 <b>0.086 M4</b>
Grid 7 <b>0.109 M4</b>	Grid 8 <b>0.098 M4</b>	Grid 9 <b>0.073 M4</b>





**CDMA 1900 Channel 1175 Closed Bluetooth On**

Date: 6/12/2009

Communication System: CDMA\_Triband, Frequency: 1910 MHz Frequency: 1880 MHz, Duty Cycle: 1:1  
Medium: Air\_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: HAC Test Arch, Phantom section: RF Section

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 3/10/2009 Calibrated: 8/18/2008

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 3/12/2009

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**PCS\_600\_BT ON/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 34.3 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 32.7 V/m; Power Drift = 0.160 dB

Peak E-field in V/m

Grid 1 <b>26.0 M4</b>	Grid 2 <b>27.8 M4</b>	Grid 3 <b>28.4 M4</b>
Grid 4 <b>22.9 M4</b>	Grid 5 <b>34.3 M4</b>	Grid 6 <b>34.5 M4</b>
Grid 7 <b>28.0 M4</b>	Grid 8 <b>35.5 M4</b>	Grid 9 <b>35.5 M4</b>

**PCS\_600\_BTooth ON/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.104 A/m

Probe Modulation Factor = 1.00

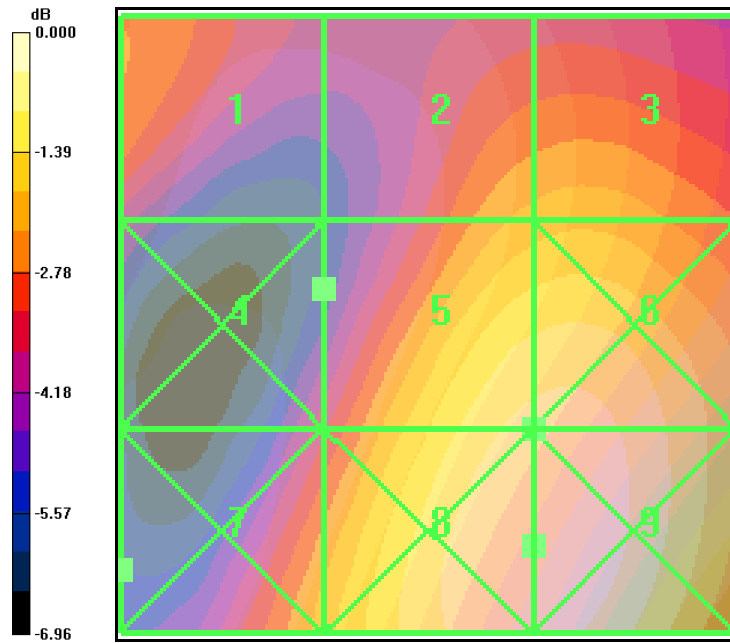
Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.103 A/m; Power Drift = 0.067 dB

Peak H-field in A/m

Grid 1 <b>0.103 M4</b>	Grid 2 <b>0.103 M4</b>	Grid 3 <b>0.090 M4</b>
Grid 4 <b>0.108 M4</b>	Grid 5 <b>0.104 M4</b>	Grid 6 <b>0.089 M4</b>
Grid 7 <b>0.112 M4</b>	Grid 8 <b>0.102 M4</b>	Grid 9 <b>0.077 M4</b>





0 dB = 35.5V/m