

**Channel 1013 Open Position Bluetooth Off**

Date: 5/14/2009

Communication System: CDMA\_Triband; 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: 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: 4/15/2009
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of peak Total field = 50.2 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 61.6 V/m; Power Drift = 0.072 dB

Peak E-field in V/m

Grid 1 <b>38.9 M4</b>	Grid 2 <b>47.0 M4</b>	Grid 3 <b>46.9 M4</b>
Grid 4 <b>42.3 M4</b>	Grid 5 <b>50.2 M4</b>	Grid 6 <b>50.0 M4</b>
Grid 7 <b>45.4 M4</b>	Grid 8 <b>50.2 M4</b>	Grid 9 <b>50.0 M4</b>

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

Maximum value of peak Total field = 0.097 A/m

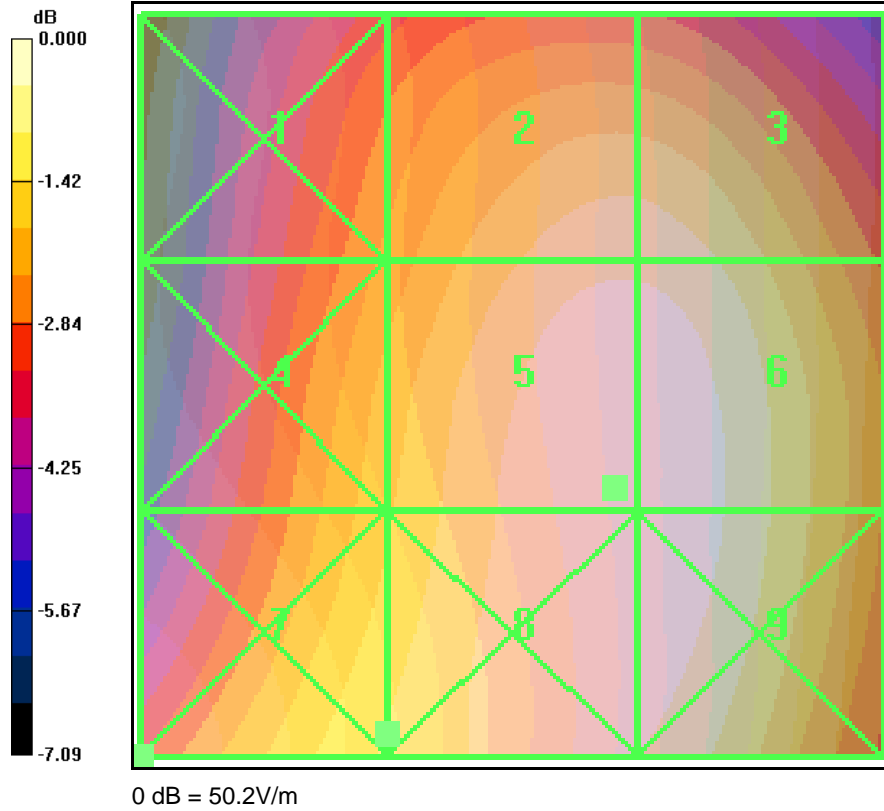
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.077 A/m; Power Drift = -0.120 dB

Peak H-field in A/m

Grid 1 <b>0.106 M4</b>	Grid 2 <b>0.085 M4</b>	Grid 3 <b>0.063 M4</b>
Grid 4 <b>0.111 M4</b>	Grid 5 <b>0.089 M4</b>	Grid 6 <b>0.064 M4</b>
Grid 7 <b>0.127 M4</b>	Grid 8 <b>0.097 M4</b>	Grid 9 <b>0.065 M4</b>



**Channel 383 Open Position Bluetooth Off**

Date: 5/14/2009

Communication System: CDMA\_Triband; 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: 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: 4/15/2009  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA;  
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**CELL\_383/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 64.2 V/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 78.1 V/m; Power Drift = 0.015 dB

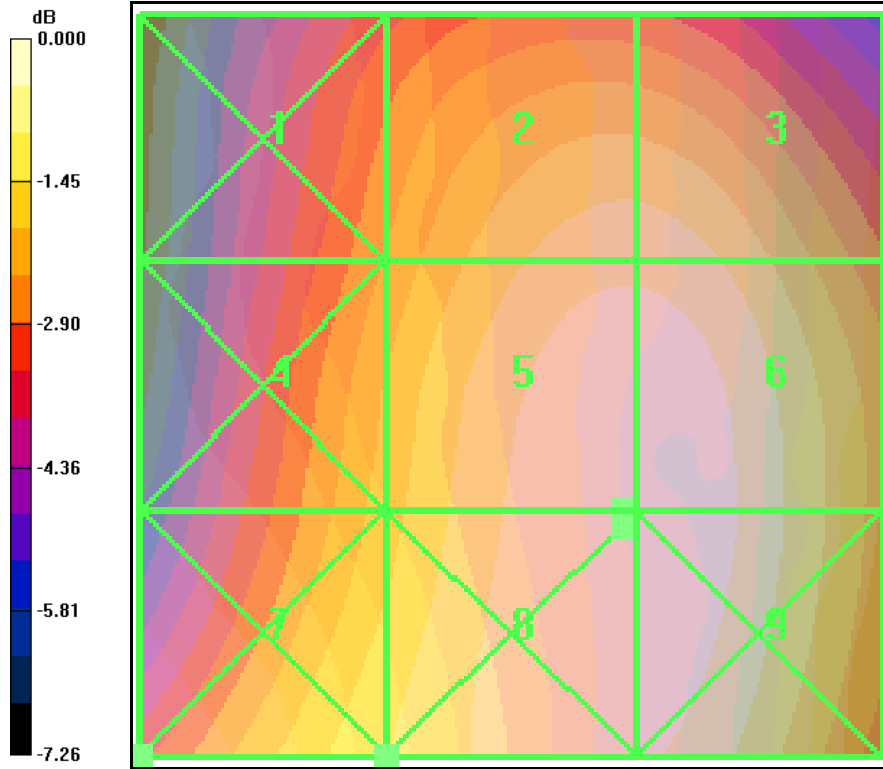
Peak E-field in V/m

Grid 1 <b>48.9 M4</b>	Grid 2 <b>59.9 M4</b>	Grid 3 <b>59.9 M4</b>
Grid 4 <b>53.0 M4</b>	Grid 5 <b>64.2 M4</b>	Grid 6 <b>64.2 M4</b>
Grid 7 <b>57.4 M4</b>	Grid 8 <b>64.3 M4</b>	Grid 9 <b>64.2 M4</b>

**CELL\_383/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.108 A/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 0.086 A/m; Power Drift = -0.149 dB

Peak H-field in A/m

Grid 1 <b>0.120 M4</b>	Grid 2 <b>0.094 M4</b>	Grid 3 <b>0.073 M4</b>
Grid 4 <b>0.121 M4</b>	Grid 5 <b>0.097 M4</b>	Grid 6 <b>0.072 M4</b>
Grid 7 <b>0.143 M4</b>	Grid 8 <b>0.108 M4</b>	Grid 9 <b>0.070 M4</b>



0 dB = 64.3V/m

**Channel 777 Open Position Bluetooth Off**

Date: 5/14/2009

Communication System: CDMA\_Triband; 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: RF Section  
 DASY4 Configuration:  
 - Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123; ConvF(1, 1, 1); Calibrated: 4/17/2009 Calibrated: 8/18/2008  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE4 Sn530; Calibrated: 4/15/2009  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA;  
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**CELL\_777/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 64.6 V/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 80.3 V/m; Power Drift = -0.033 dB

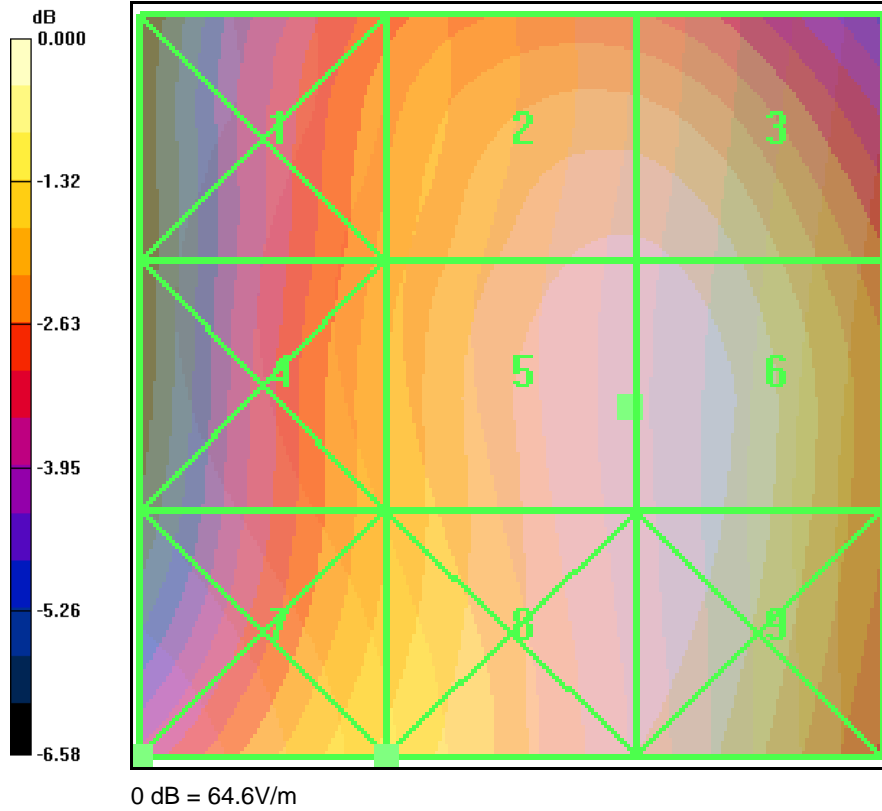
Peak E-field in V/m

Grid 1 <b>51.2 M4</b>	Grid 2 <b>62.2 M4</b>	Grid 3 <b>62.2 M4</b>
Grid 4 <b>52.8 M4</b>	Grid 5 <b>64.6 M4</b>	Grid 6 <b>64.6 M4</b>
Grid 7 <b>56.2 M4</b>	Grid 8 <b>64.1 M4</b>	Grid 9 <b>64.1 M4</b>

**CELL\_777/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  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 0.101 A/m; Power Drift = 0.149 dB

Peak H-field in A/m

Grid 1 <b>0.140 M4</b>	Grid 2 <b>0.114 M4</b>	Grid 3 <b>0.085 M4</b>
Grid 4 <b>0.142 M4</b>	Grid 5 <b>0.113 M4</b>	Grid 6 <b>0.083 M4</b>
Grid 7 <b>0.162 M4</b>	Grid 8 <b>0.124 M4</b>	Grid 9 <b>0.085 M4</b>



**Channel 777 Open Position 360 degrees**

Date: 5/14/2009

Communication System: CDMA\_Triband; 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: 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: 4/15/2009  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA;  
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**CELL\_777 (360 degree)/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 66.5 V/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 82.9 V/m; Power Drift = -0.118 dB

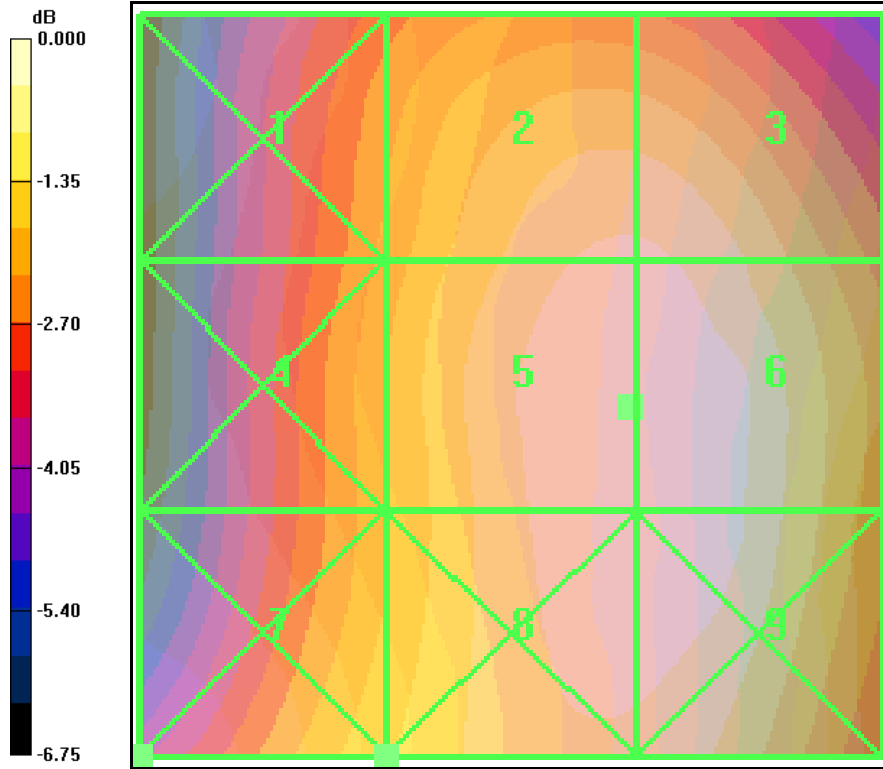
Peak E-field in V/m

Grid 1 <b>52.3 M4</b>	Grid 2 <b>63.9 M4</b>	Grid 3 <b>63.9 M4</b>
Grid 4 <b>54.1 M4</b>	Grid 5 <b>66.5 M4</b>	Grid 6 <b>66.5 M4</b>
Grid 7 <b>56.6 M4</b>	Grid 8 <b>65.7 M4</b>	Grid 9 <b>65.7 M4</b>

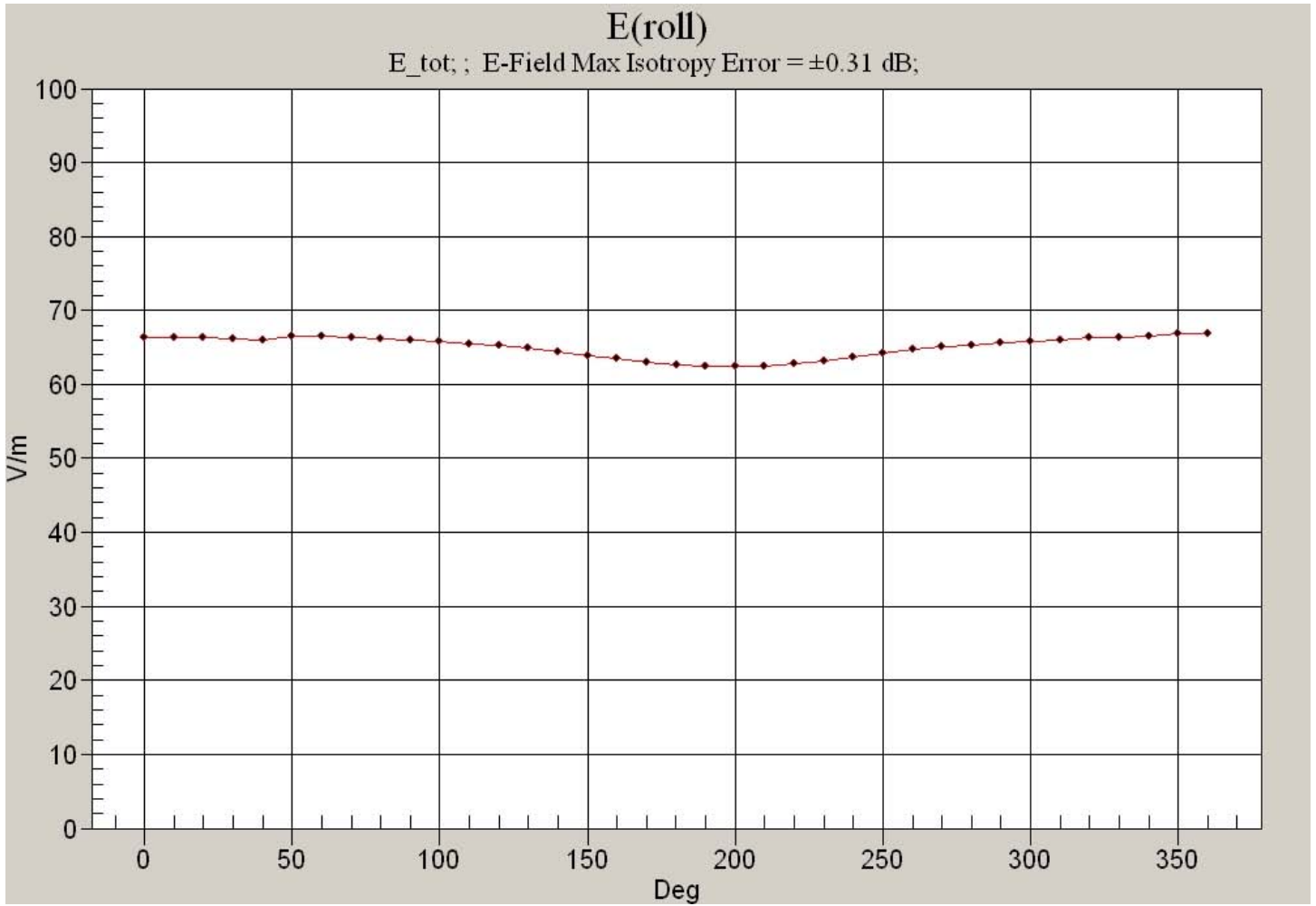
**CELL\_777 (360 degree)/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.125 A/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 0.099 A/m; Power Drift = 0.063 dB

Peak H-field in A/m

Grid 1 <b>0.148 M4</b>	Grid 2 <b>0.116 M4</b>	Grid 3 <b>0.090 M4</b>
Grid 4 <b>0.140 M4</b>	Grid 5 <b>0.114 M4</b>	Grid 6 <b>0.087 M4</b>
Grid 7 <b>0.161 M4</b>	Grid 8 <b>0.125 M4</b>	Grid 9 <b>0.086 M4</b>







**Channel 777 Open Position Bluetooth On**

Date: 5/14/2009

Communication System: CDMA\_Triband; 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: 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: 4/15/2009
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of peak Total field = 69.4 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 = 0.011 dB

Peak E-field in V/m

Grid 1 <b>55.7 M4</b>	Grid 2 <b>66.6 M4</b>	Grid 3 <b>66.5 M4</b>
Grid 4 <b>57.6 M4</b>	Grid 5 <b>69.4 M4</b>	Grid 6 <b>69.3 M4</b>
Grid 7 <b>58.0 M4</b>	Grid 8 <b>68.5 M4</b>	Grid 9 <b>68.4 M4</b>

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

Maximum value of peak Total field = 0.133 A/m

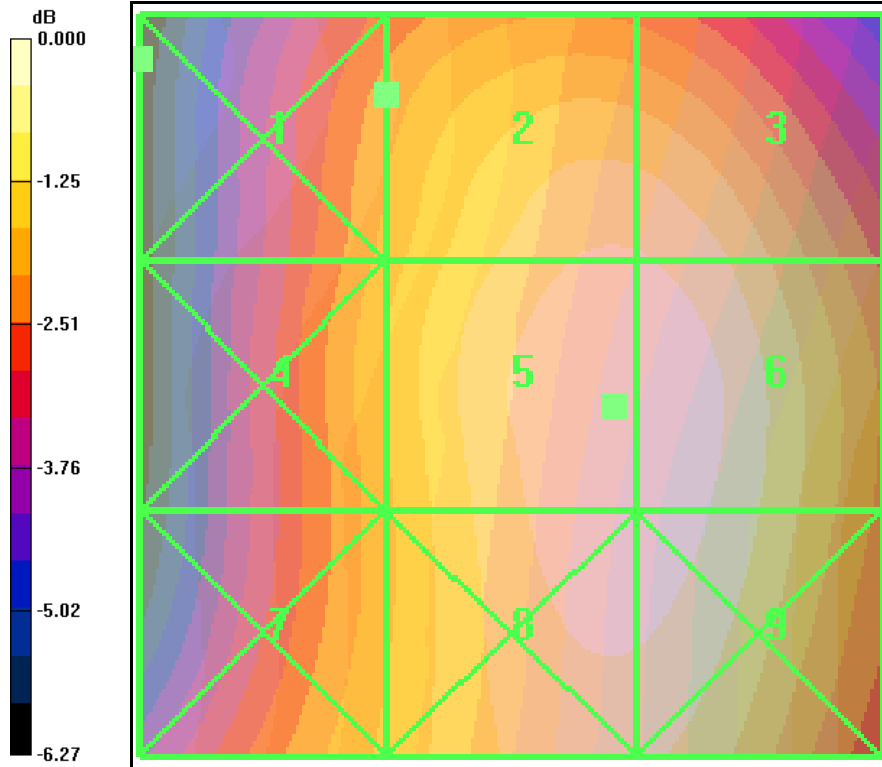
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.104 A/m; Power Drift = -0.136 dB

Peak H-field in A/m

Grid 1 <b>0.171 M4</b>	Grid 2 <b>0.133 M4</b>	Grid 3 <b>0.091 M4</b>
Grid 4 <b>0.158 M4</b>	Grid 5 <b>0.125 M4</b>	Grid 6 <b>0.084 M4</b>
Grid 7 <b>0.152 M4</b>	Grid 8 <b>0.115 M4</b>	Grid 9 <b>0.074 M4</b>



0 dB = 69.4V/m

**CDMA 1700 Channel 25 Open Bluetooth Off**

Date: 5/14/2009

Communication System: CDMA\_Triband; Frequency: 1711.25 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: 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: 4/15/2009
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of peak Total field = 33.1 V/m  
Probe Modulation Factor = 1.00  
Device Reference Point: 0.000, 0.000, -6.30 mm  
Reference Value = 23.0 V/m; Power Drift = 0.078 dB

Peak E-field in V/m

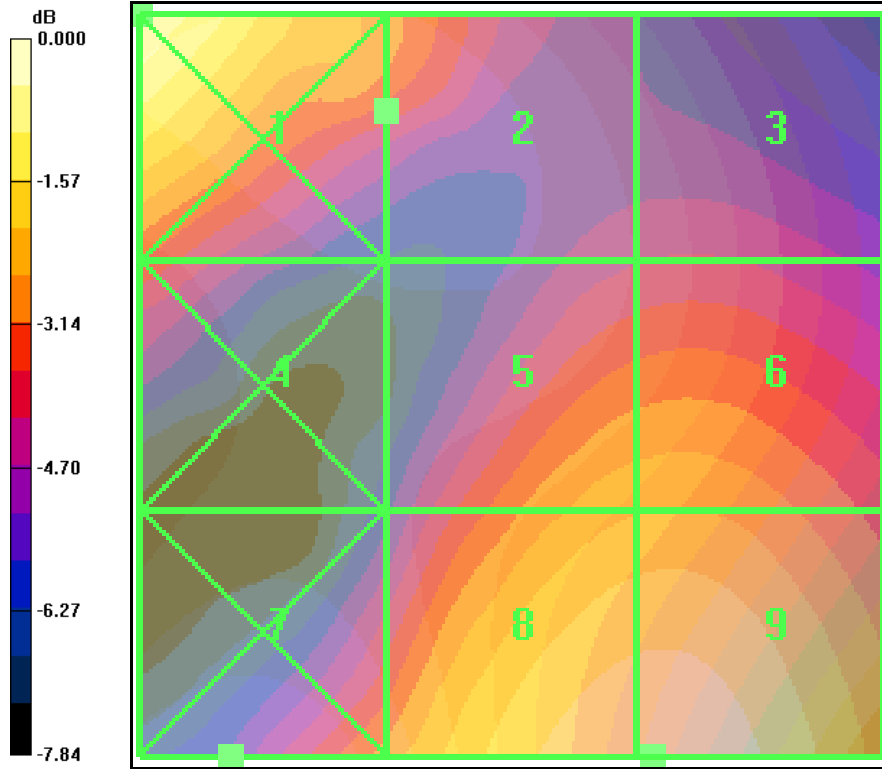
Grid 1 <b>35.5 M4</b>	Grid 2 <b>25.5 M4</b>	Grid 3 <b>20.8 M4</b>
Grid 4 <b>23.4 M4</b>	Grid 5 <b>27.8 M4</b>	Grid 6 <b>28.1 M4</b>
Grid 7 <b>25.5 M4</b>	Grid 8 <b>33.1 M4</b>	Grid 9 <b>33.1 M4</b>

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

Maximum value of peak Total field = 0.078 A/m  
Probe Modulation Factor = 1.00  
Device Reference Point: 0.000, 0.000, -6.30 mm  
Reference Value = 0.079 A/m; Power Drift = -0.126 dB

Peak H-field in A/m

Grid 1 <b>0.078 M4</b>	Grid 2 <b>0.078 M4</b>	Grid 3 <b>0.073 M4</b>
Grid 4 <b>0.076 M4</b>	Grid 5 <b>0.076 M4</b>	Grid 6 <b>0.073 M4</b>
Grid 7 <b>0.081 M4</b>	Grid 8 <b>0.077 M4</b>	Grid 9 <b>0.068 M4</b>



0 dB = 35.5V/m

**CDMA 1700 Channel 450 Open Bluetooth Off**

Date: 5/14/2009

Communication System: CDMA\_Triband; Frequency: 1732.5 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: 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: 4/15/2009  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA;  
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**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 = 24.3 V/m; Power Drift = 0.032 dB

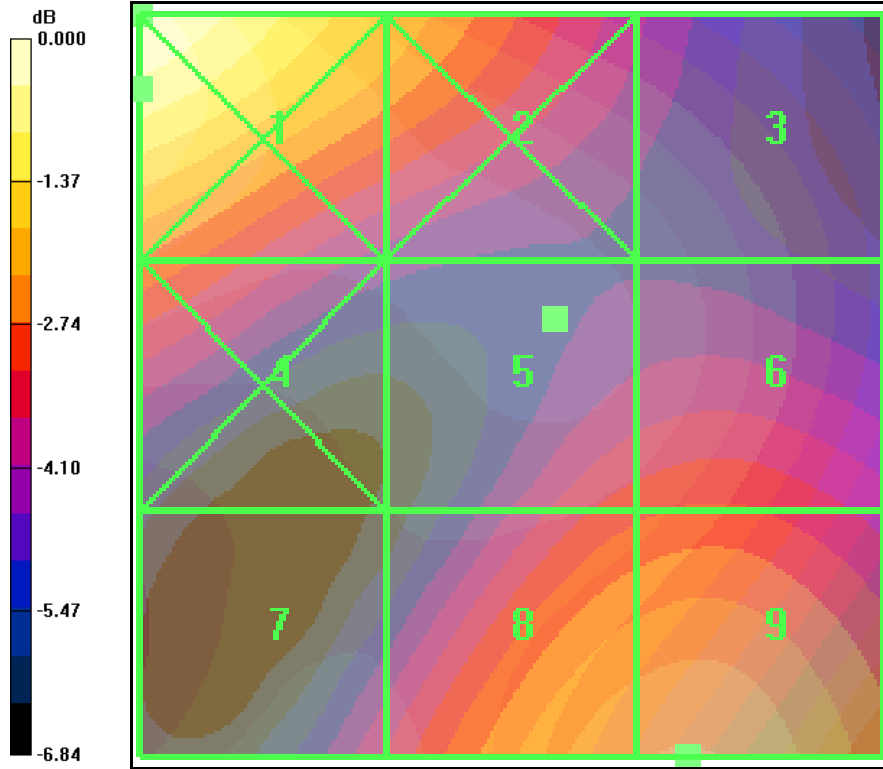
Peak E-field in V/m

Grid 1 <b>40.9 M4</b>	Grid 2 <b>33.1 M4</b>	Grid 3 <b>24.5 M4</b>
Grid 4 <b>29.7 M4</b>	Grid 5 <b>28.0 M4</b>	Grid 6 <b>28.7 M4</b>
Grid 7 <b>25.7 M4</b>	Grid 8 <b>34.8 M4</b>	Grid 9 <b>35.1 M4</b>

**AWS\_450/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.091 A/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 0.097 A/m; Power Drift = 0.159 dB

Peak H-field in A/m

Grid 1 <b>0.098 M4</b>	Grid 2 <b>0.090 M4</b>	Grid 3 <b>0.088 M4</b>
Grid 4 <b>0.092 M4</b>	Grid 5 <b>0.091 M4</b>	Grid 6 <b>0.089 M4</b>
Grid 7 <b>0.088 M4</b>	Grid 8 <b>0.087 M4</b>	Grid 9 <b>0.085 M4</b>



**CDMA 1700 Channel 875 Open Bluetooth Off**

Date: 5/14/2009

Communication System: CDMA\_Triband; Frequency: 1753.75 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: 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: 4/15/2009  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA;  
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**AWS\_875/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 29.8 V/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 24.8 V/m; Power Drift = 0.077 dB

Peak E-field in V/m

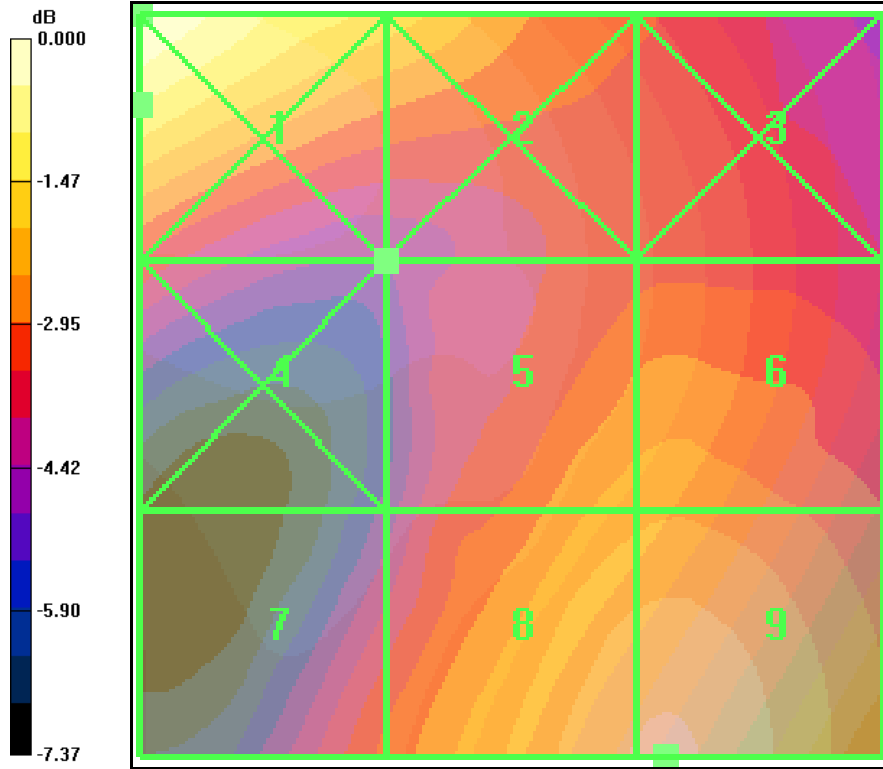
Grid 1 <b>33.0 M4</b>	Grid 2 <b>27.3 M4</b>	Grid 3 <b>22.4 M4</b>
Grid 4 <b>22.0 M4</b>	Grid 5 <b>25.9 M4</b>	Grid 6 <b>26.2 M4</b>
Grid 7 <b>22.7 M4</b>	Grid 8 <b>29.6 M4</b>	Grid 9 <b>29.8 M4</b>

**AWS\_875/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 = 0.091 A/m; Power Drift = 0.011 dB

Peak H-field in A/m

Grid 1 <b>0.094 M4</b>	Grid 2 <b>0.089 M4</b>	Grid 3 <b>0.078 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>0.083 M4</b>	Grid 8 <b>0.082 M4</b>	Grid 9 <b>0.072 M4</b>





**CDMA 1700 Channel 450 Open 360 degrees**

Date: 5/14/2009

Communication System: CDMA\_Triband; Frequency: 1732.5 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: 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: 4/15/2009  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA;  
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**AWS\_450 (360 degree)/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 35.7 V/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 25.0 V/m; Power Drift = 0.035 dB

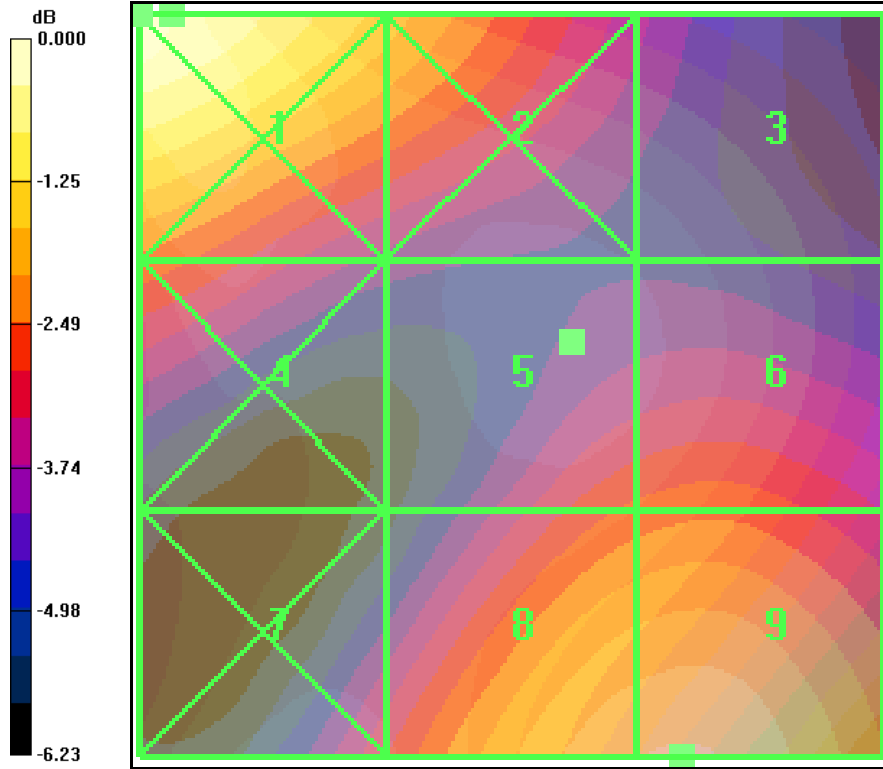
Peak E-field in V/m

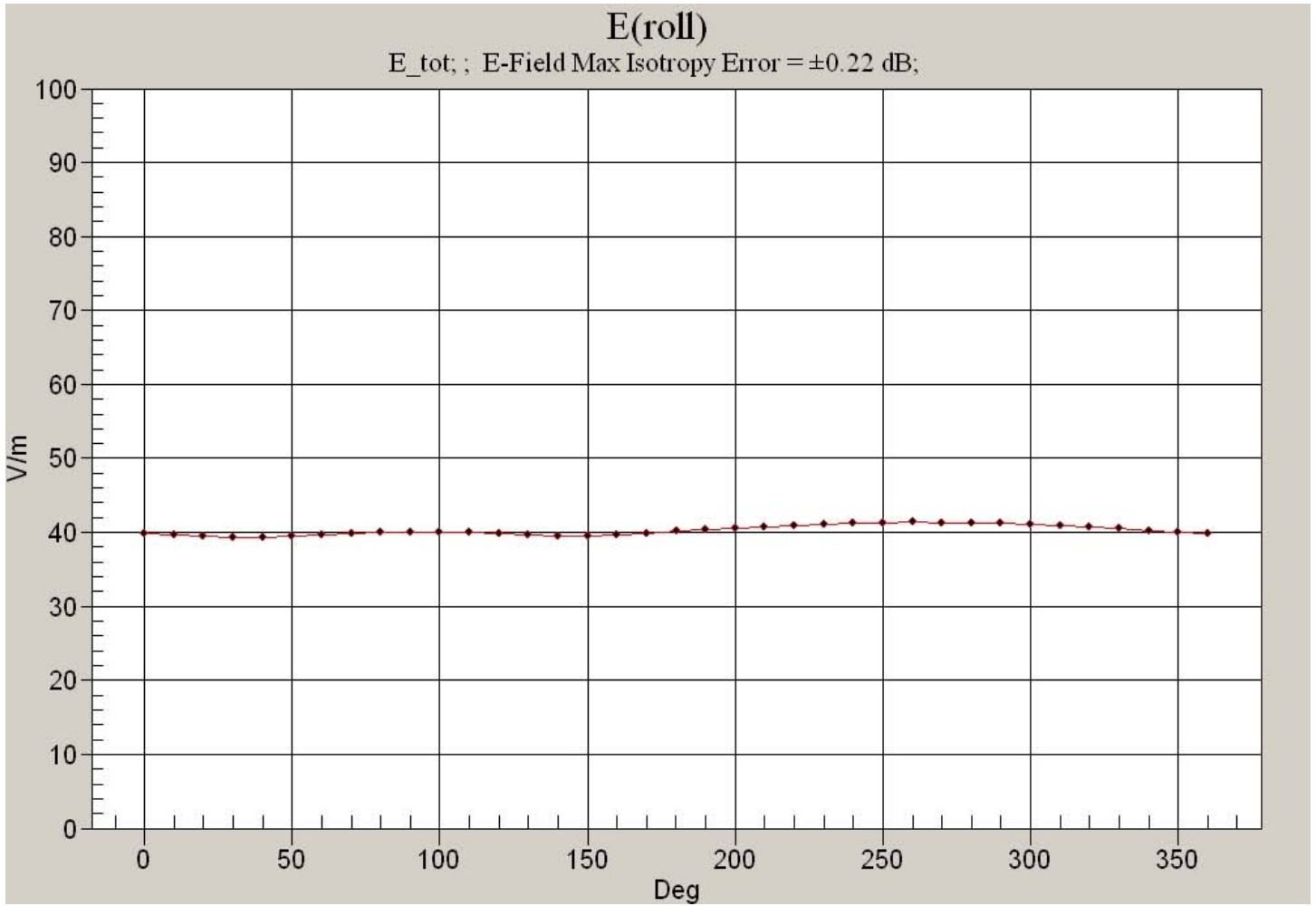
Grid 1 <b>39.1 M4</b>	Grid 2 <b>33.2 M4</b>	Grid 3 <b>24.7 M4</b>
Grid 4 <b>29.1 M4</b>	Grid 5 <b>28.4 M4</b>	Grid 6 <b>29.1 M4</b>
Grid 7 <b>26.6 M4</b>	Grid 8 <b>35.5 M4</b>	Grid 9 <b>35.7 M4</b>

**AWS\_450 (360 degree)/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.090 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 = -0.069 dB

Peak H-field in A/m

Grid 1 <b>0.097 M4</b>	Grid 2 <b>0.089 M4</b>	Grid 3 <b>0.088 M4</b>
Grid 4 <b>0.089 M4</b>	Grid 5 <b>0.090 M4</b>	Grid 6 <b>0.089 M4</b>
Grid 7 <b>0.090 M4</b>	Grid 8 <b>0.089 M4</b>	Grid 9 <b>0.086 M4</b>





**CDMA 1700 Channel 450 Open Bluetooth On**

Date: 5/14/2009

Communication System: CDMA\_Triband; Frequency: 1732.5 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: 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: 4/15/2009  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA;  
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**AWS\_450\_BTooth ON/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 = 24.8 V/m; Power Drift = 0.022 dB

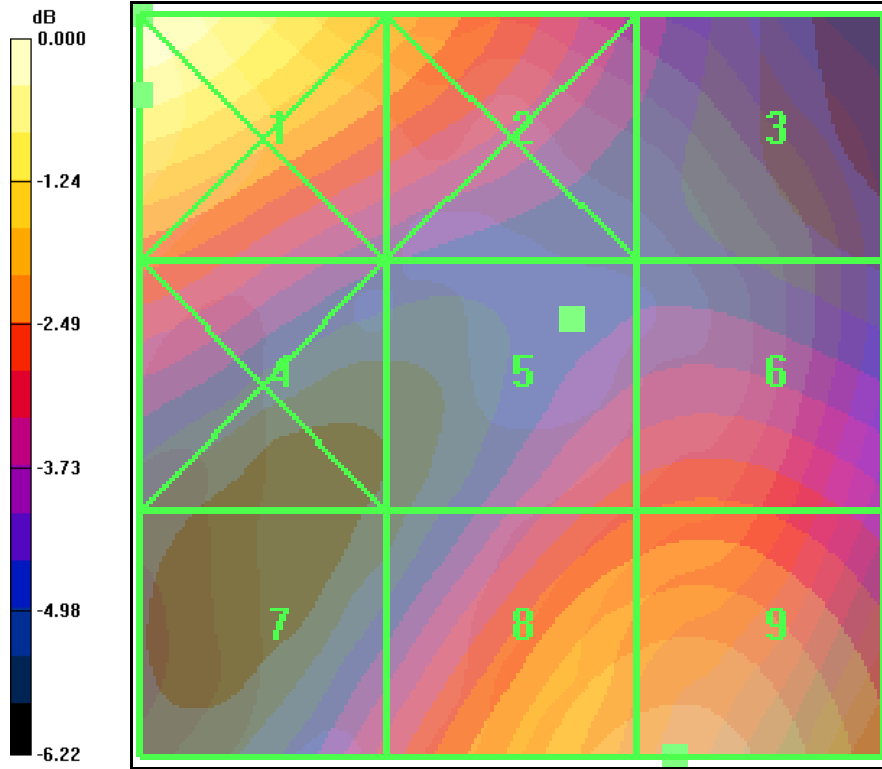
Peak E-field in V/m

Grid 1	Grid 2	Grid 3
<b>39.5 M4</b>	<b>32.3 M4</b>	<b>24.2 M4</b>
Grid 4	Grid 5	Grid 6
<b>28.8 M4</b>	<b>28.2 M4</b>	<b>28.8 M4</b>
Grid 7	Grid 8	Grid 9
<b>26.3 M4</b>	<b>35.0 M4</b>	<b>35.1 M4</b>

**AWS\_450\_BTooth ON/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.092 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 = -0.044 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.095 M4</b>	<b>0.090 M4</b>	<b>0.088 M4</b>
Grid 4	Grid 5	Grid 6
<b>0.090 M4</b>	<b>0.092 M4</b>	<b>0.090 M4</b>
Grid 7	Grid 8	Grid 9
<b>0.090 M4</b>	<b>0.089 M4</b>	<b>0.084 M4</b>



**CDMA 1900 Channel 25 Open Bluetooth Off**

Date: 5/14/2009

Communication System: CDMA\_Triband; Frequency: 1850 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: 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: 4/15/2009  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA;  
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**PCS\_25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 36.1 V/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 27.1 V/m; Power Drift = 0.142 dB

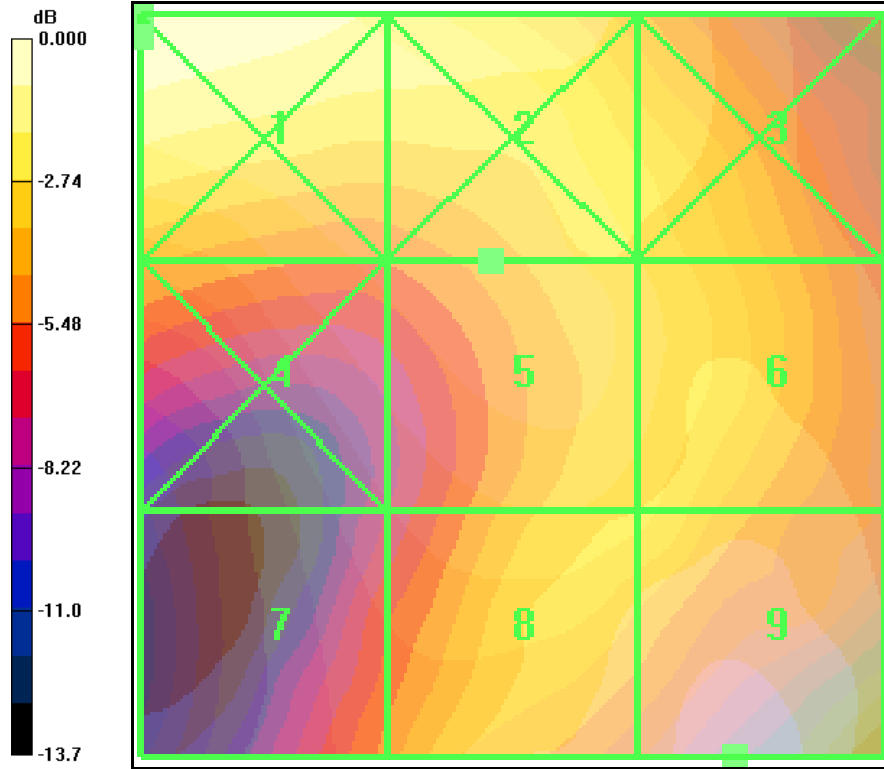
Peak E-field in V/m

Grid 1	Grid 2	Grid 3
<b>38.2 M4</b>	<b>34.0 M4</b>	<b>29.9 M4</b>
Grid 4	Grid 5	Grid 6
<b>23.2 M4</b>	<b>27.9 M4</b>	<b>30.2 M4</b>
Grid 7	Grid 8	Grid 9
<b>21.4 M4</b>	<b>33.4 M4</b>	<b>36.1 M4</b>

**PCS\_25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.109 A/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 0.114 A/m; Power Drift = -0.005 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.110 M4</b>	<b>0.109 M4</b>	<b>0.103 M4</b>
Grid 4	Grid 5	Grid 6
<b>0.107 M4</b>	<b>0.109 M4</b>	<b>0.105 M4</b>
Grid 7	Grid 8	Grid 9
<b>0.099 M4</b>	<b>0.103 M4</b>	<b>0.100 M4</b>



0 dB = 38.2V/m



**CDMA 1900 Channel 600 Open Bluetooth Off**

Date: 5/14/2009

Communication System: CDMA\_Triband; 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: 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: 4/15/2009
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of peak Total field = 26.8 V/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 17.0 V/m; Power Drift = -0.139 dB

Peak E-field in V/m

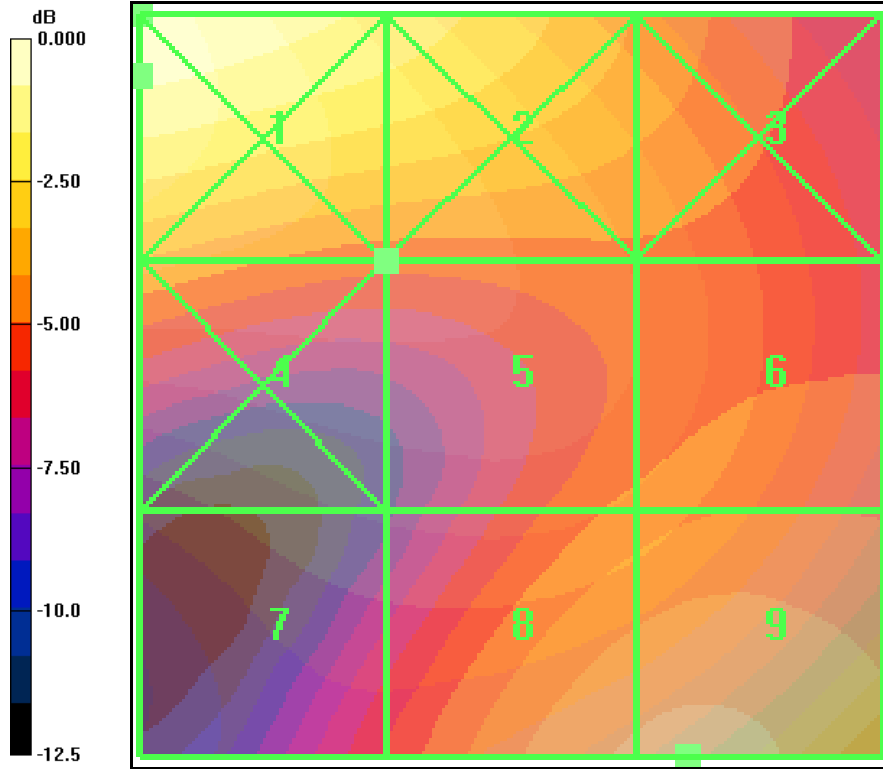
Grid 1	Grid 2	Grid 3
34.6 M4	30.6 M4	23.4 M4
Grid 4	Grid 5	Grid 6
21.4 M4	20.3 M4	21.6 M4
Grid 7	Grid 8	Grid 9
17.9 M4	26.4 M4	26.8 M4

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

Maximum value of peak Total field = 0.085 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 = -0.098 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.097 M4	0.086 M4	0.078 M4
Grid 4	Grid 5	Grid 6
0.088 M4	0.085 M4	0.078 M4
Grid 7	Grid 8	Grid 9
0.075 M4	0.076 M4	0.073 M4



0 dB = 34.6V/m

**CDMA 1900 Channel 1175 Open Bluetooth Off**

Date: 5/14/2009

Communication System: CDMA\_Triband; Frequency: 1910 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: 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: 4/15/2009  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA;  
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**PCS\_1175/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 32.9 V/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 29.0 V/m; Power Drift = 0.069 dB

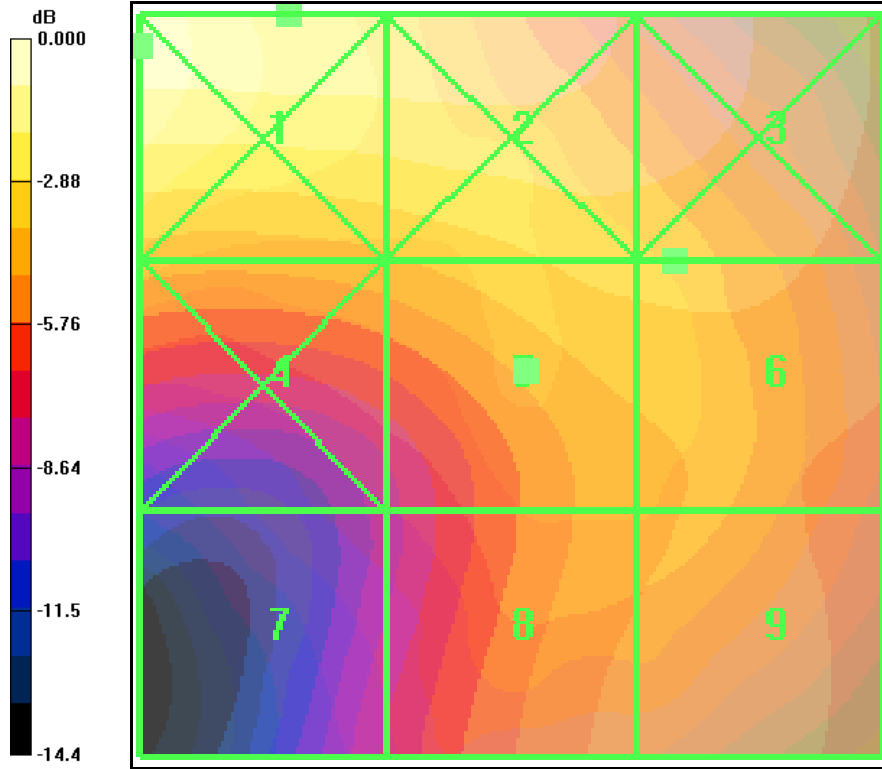
Peak E-field in V/m

Grid 1	Grid 2	Grid 3
43.9 M4	43.4 M4	38.6 M4
Grid 4	Grid 5	Grid 6
27.7 M4	32.8 M4	32.9 M4
Grid 7	Grid 8	Grid 9
18.5 M4	29.5 M4	30.1 M4

**PCS\_1175/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 = 0.127 A/m; Power Drift = -0.018 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.141 M4	0.122 M4	0.113 M4
Grid 4	Grid 5	Grid 6
0.121 M4	0.118 M4	0.117 M4
Grid 7	Grid 8	Grid 9
0.102 M4	0.113 M4	0.112 M4



0 dB = 43.9V/m

**CDMA 1900 Channel 25 Open 360 degrees**

Date: 5/14/2009

Communication System: CDMA\_Triband; Frequency: 1850 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: 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: 4/15/2009  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA;  
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**PCS\_25 (360 degree)/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 33.0 V/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 26.8 V/m; Power Drift = -0.172 dB

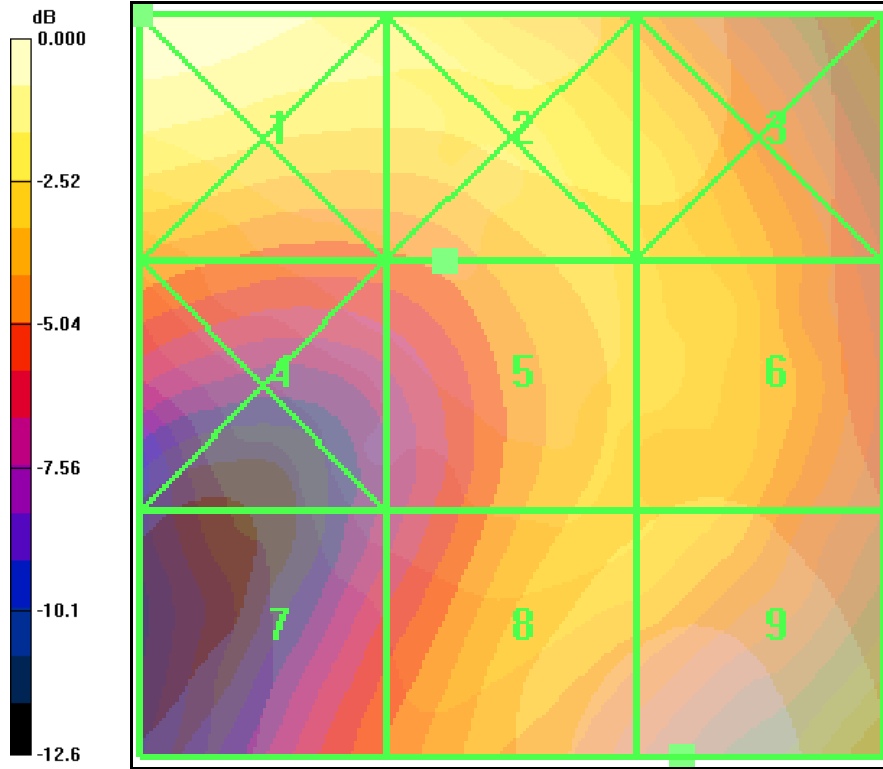
Peak E-field in V/m

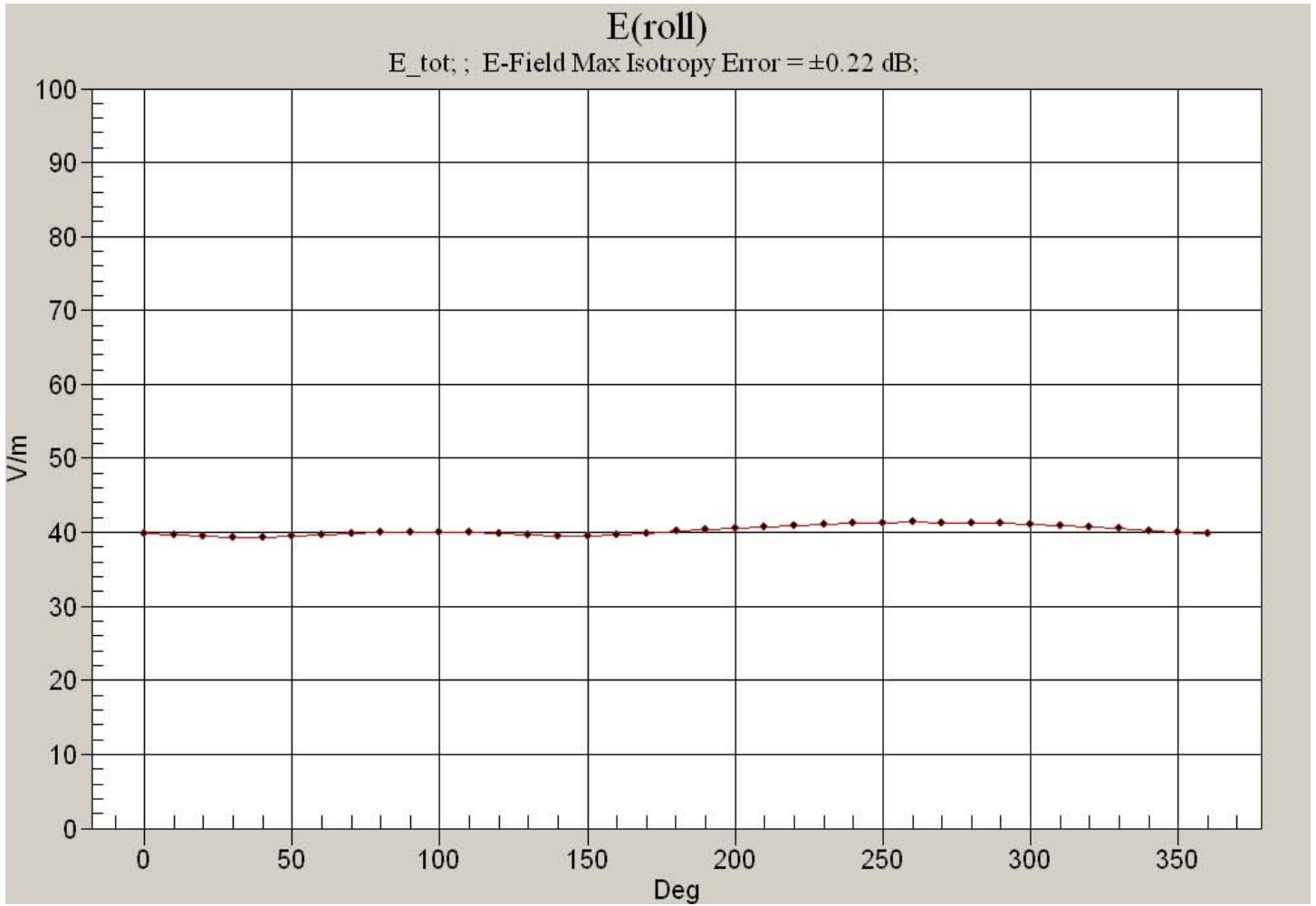
Grid 1	Grid 2	Grid 3
<b>37.5 M4</b>	<b>33.0 M4</b>	<b>30.2 M4</b>
Grid 4	Grid 5	Grid 6
<b>22.7 M4</b>	<b>27.6 M4</b>	<b>28.4 M4</b>
Grid 7	Grid 8	Grid 9
<b>21.3 M4</b>	<b>32.7 M4</b>	<b>33.0 M4</b>

**PCS\_25 (360 degree)/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.108 A/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 0.114 A/m; Power Drift = -0.155 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.111 M4</b>	<b>0.109 M4</b>	<b>0.102 M4</b>
Grid 4	Grid 5	Grid 6
<b>0.107 M4</b>	<b>0.108 M4</b>	<b>0.103 M4</b>
Grid 7	Grid 8	Grid 9
<b>0.098 M4</b>	<b>0.101 M4</b>	<b>0.098 M4</b>





**CDMA 1900 Channel 25 Open Bluetooth On**

Date: 5/14/2009

Communication System: CDMA\_Triband; Frequency: 1850 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: 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: 4/15/2009  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA;  
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**PCS\_25\_BTtooth ON/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 32.8 V/m  
 Probe Modulation Factor = 1.00  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 27.2 V/m; Power Drift = -0.188 dB

Peak E-field in V/m

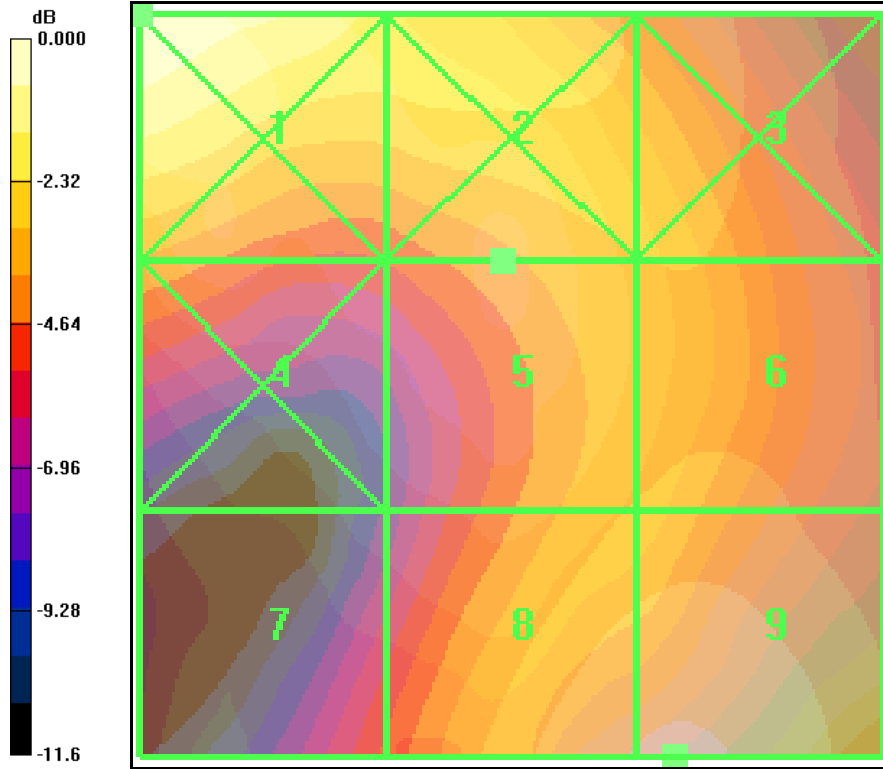
Grid 1	Grid 2	Grid 3
<b>38.7 M4</b>	<b>31.9 M4</b>	<b>29.4 M4</b>
Grid 4	Grid 5	Grid 6
<b>24.7 M4</b>	<b>27.4 M4</b>	<b>28.1 M4</b>
Grid 7	Grid 8	Grid 9
<b>21.2 M4</b>	<b>32.5 M4</b>	<b>32.8 M4</b>

**PCS\_25\_BTtooth 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 = 0.108 A/m; Power Drift = 0.074 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.110 M4</b>	<b>0.107 M4</b>	<b>0.096 M4</b>
Grid 4	Grid 5	Grid 6
<b>0.104 M4</b>	<b>0.107 M4</b>	<b>0.098 M4</b>
Grid 7	Grid 8	Grid 9
<b>0.096 M4</b>	<b>0.099 M4</b>	<b>0.093 M4</b>





0 dB = 38.7V/m