



APPENDIX A: TEST DATA

A1: E-FIELD & H-FIELD TEST PLOTS

Test Laboratory: Advance Data Technology

E-CDMA850-Ch1013

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ ;
 Phantom section: E Device Section ;
 Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above Device Reference Low Channel 1013/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **133.3** V/m

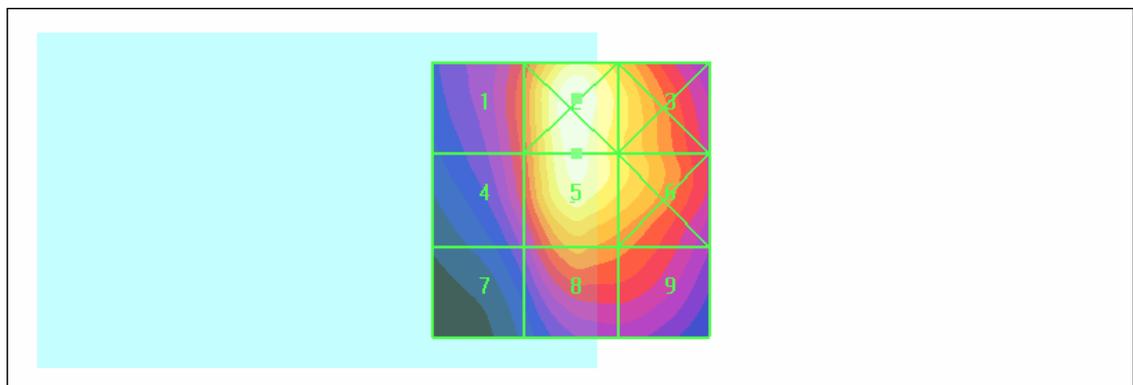
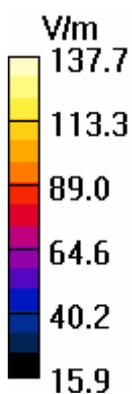
Probe Modulation Factor = 1.03

Reference Value = 124.1 V/m; Power Drift = -0.100 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
89.2	137.7	119.4
Grid 4	Grid 5	Grid 6
84.6	133.3	118.6
Grid 7	Grid 8	Grid 9
59.2	100.4	92.6



Test Laboratory: Advance Data Technology

E-CDMA850-Ch384

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 836.5 MHz

Communication System: CDMA ; Frequency: 836.5 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ ;
 Phantom section: E Device Section ;
 Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above Device Reference Mid Channel 384/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **114.7** V/m

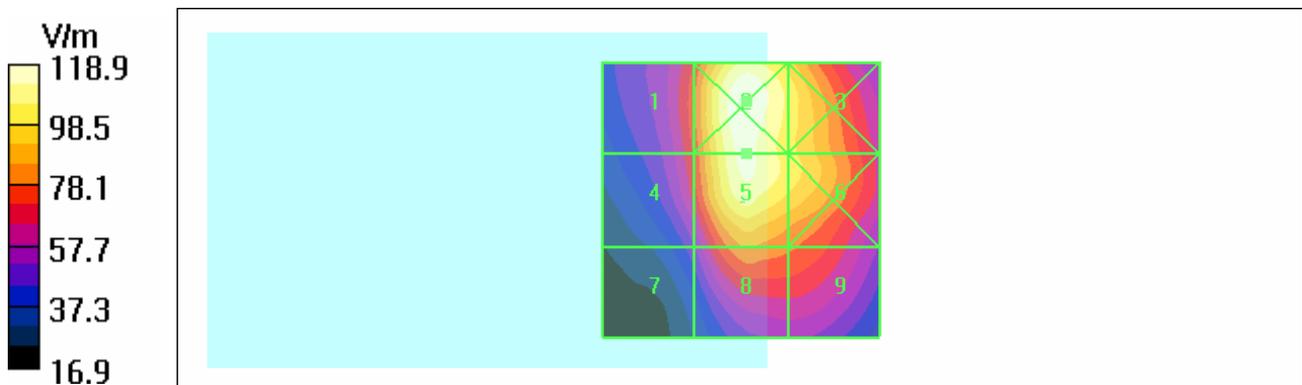
Probe Modulation Factor = 1.03

Reference Value = 107.0 V/m; Power Drift = -0.005 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
76.7	118.9	103.9
Grid 4	Grid 5	Grid 6
72.4	114.7	103.3
Grid 7	Grid 8	Grid 9
50.0	85.5	79.9



Test Laboratory: Advance Data Technology

E-CDMA850-Ch777

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 848.3 MHz

Communication System: CDMA ; Frequency: 848.3 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ ;
 Phantom section: E Device Section ;
 Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above Device Reference High Channel 777/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **117.1** V/m

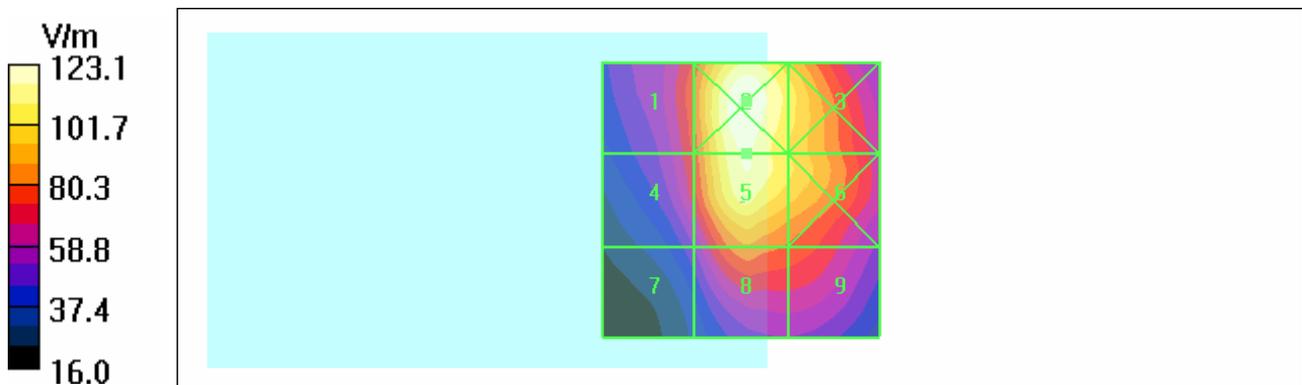
Probe Modulation Factor = 1.03

Reference Value = 108.1 V/m; Power Drift = -0.038 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
80.2	123.1	106.4
Grid 4	Grid 5	Grid 6
75.2	117.1	103.7
Grid 7	Grid 8	Grid 9
51.8	86.6	79.4



Test Laboratory: Advance Data Technology

E-CDMA850-Ch1013-Bat.B

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ ;
 Phantom section: E Device Section ;
 Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above Device Reference Low Channel 1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **132.0** V/m

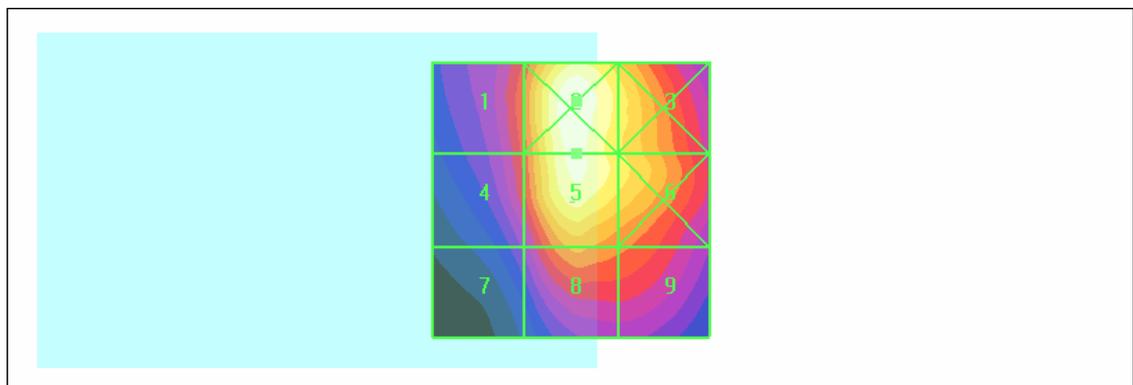
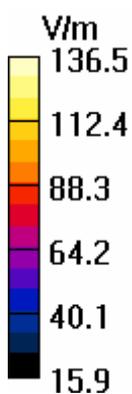
Probe Modulation Factor = 1.03

Reference Value = 123.4 V/m; Power Drift = -0.014 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
88.3	136.5	118.2
Grid 4	Grid 5	Grid 6
83.4	132.0	117.4
Grid 7	Grid 8	Grid 9
58.8	99.2	91.2



Test Laboratory: Advance Data Technology

E-CDMA850-Ch1013-BackLight Off

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ ;
 Phantom section: E Device Section ;
 Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above Device Reference Low Channel 1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **130.7** V/m

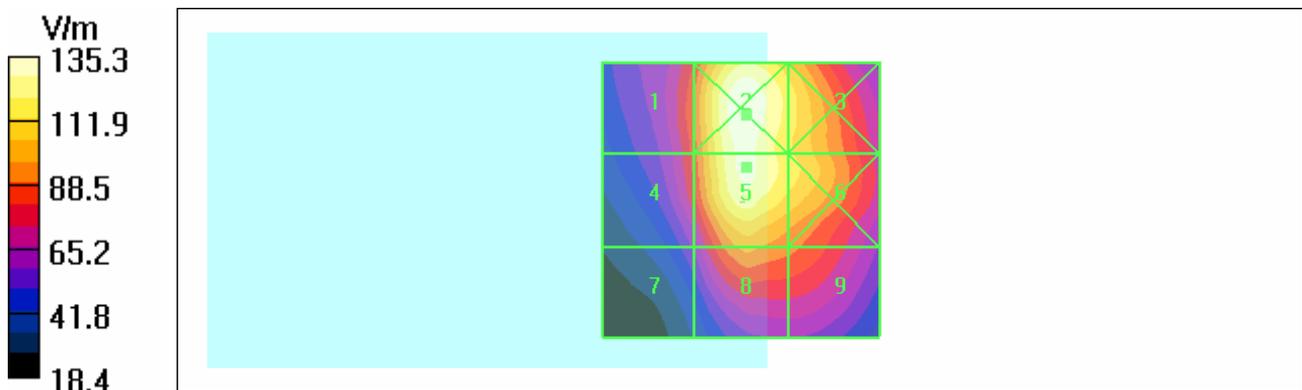
Probe Modulation Factor = 1.03

Reference Value = 128.9 V/m; Power Drift = -0.060 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
88.3	135.3	117.1
Grid 4	Grid 5	Grid 6
84.1	130.7	116.8
Grid 7	Grid 8	Grid 9
59.4	99.0	91.6



Test Laboratory: Advance Data Technology

E-CDMA1900-Ch25

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz

Communication System: CDMA ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ ;
 Phantom section: E Device Section ;
 Measurement Standard: DASY4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above Device Reference Low Channel 25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **68.8** V/m

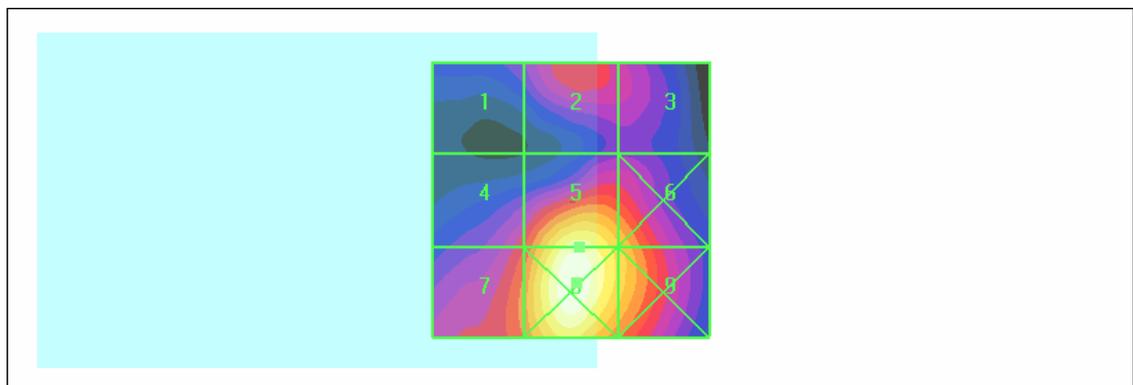
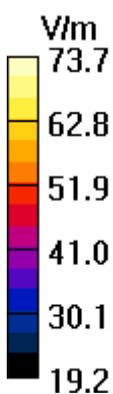
Probe Modulation Factor = 1.04

Reference Value = 47.8 V/m; Power Drift = -0.103 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
37.3	47.9	43.7
Grid 4	Grid 5	Grid 6
47.9	68.8	60.3
Grid 7	Grid 8	Grid 9
53.7	73.7	62.3



Test Laboratory: Advance Data Technology

E-CDMA1900-Ch600

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1880 MHz

Communication System: CDMA ; Frequency: 1880 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ ;
 Phantom section: E Device Section ;
 Measurement Standard: DASY4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above Device Reference Mid Channel 600/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 69.5 V/m

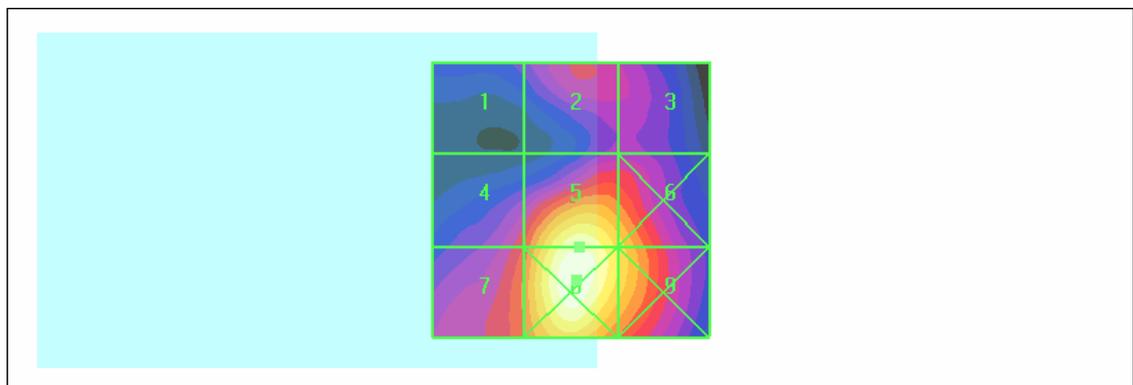
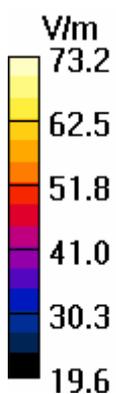
Probe Modulation Factor = 1.04

Reference Value = 50.1 V/m; Power Drift = -0.118 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
36.0	45.4	42.6
Grid 4	Grid 5	Grid 6
48.7	69.5	61.5
Grid 7	Grid 8	Grid 9
52.8	73.2	62.8



Test Laboratory: Advance Data Technology

E-CDMA1900-Ch1175

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz

Communication System: CDMA ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ ;
 Phantom section: E Device Section ;
 Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above Device Reference High Channel 1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **70.6** V/m

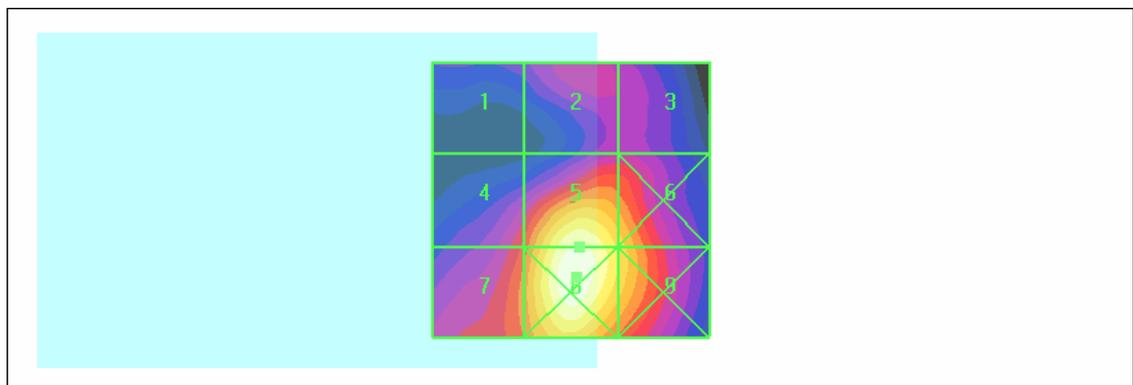
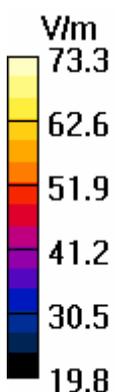
Probe Modulation Factor = 1.04

Reference Value = 53.2 V/m; Power Drift = -0.086 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
37.1	43.9	41.5
Grid 4	Grid 5	Grid 6
49.5	70.6	62.0
Grid 7	Grid 8	Grid 9
53.8	73.3	62.9



Test Laboratory: Advance Data Technology

E-CDMA1900-Ch1175-Bat.B

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz

Communication System: CDMA ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ ;
 Phantom section: E Device Section ;
 Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above Device Reference High Channel 1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 69.0 V/m

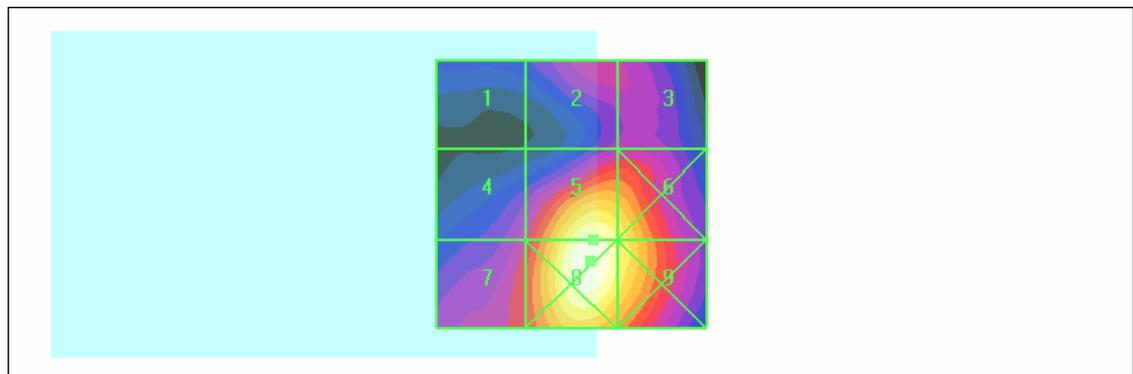
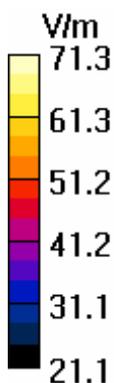
Probe Modulation Factor = 1.04

Reference Value = 49.1 V/m; Power Drift = -0.092 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
34.5	43.1	42.1
Grid 4	Grid 5	Grid 6
43.9	69.0	64.8
Grid 7	Grid 8	Grid 9
48.3	71.3	65.7



Test Laboratory: Advance Data Technology

E-CDMA1900-Ch1175-BackLight Off

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz

Communication System: CDMA ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ ;
 Phantom section: E Device Section ;
 Measurement Standard: DASY4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above Device Reference High Channel 1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **66.2** V/m

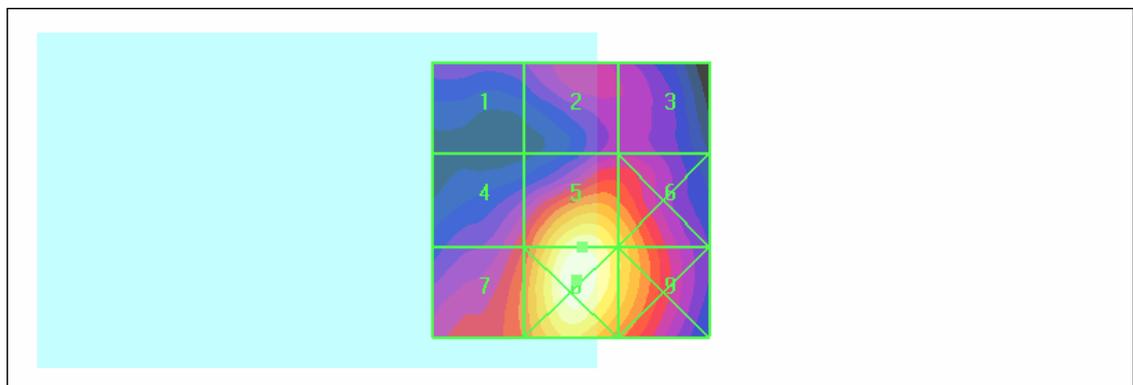
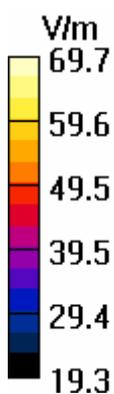
Probe Modulation Factor = 1.04

Reference Value = 48.1 V/m; Power Drift = -0.065 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
36.0	41.7	39.9
Grid 4	Grid 5	Grid 6
46.1	66.2	59.3
Grid 7	Grid 8	Grid 9
50.9	69.7	60.6



Test Laboratory: Advance Data Technology

H-CDMA850-Ch1013

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³ ;
 Phantom section: H Device Section ;
 Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above Device Reference Low Channel 1013/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.468 A/m

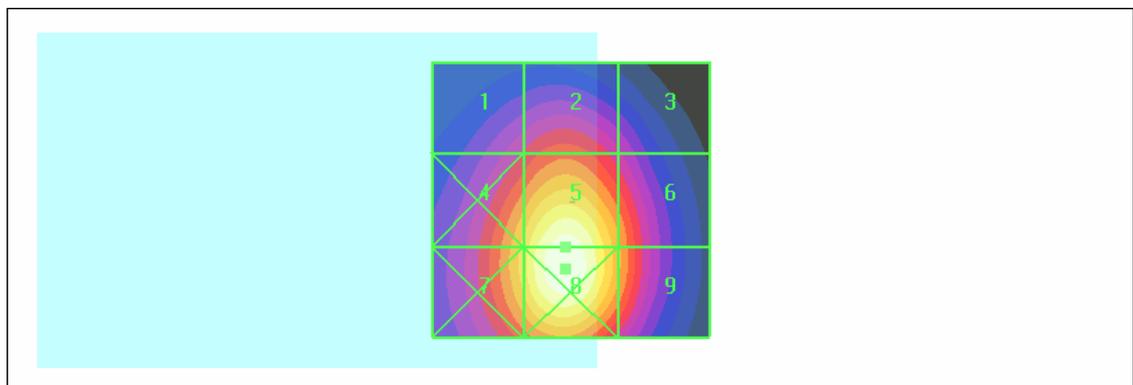
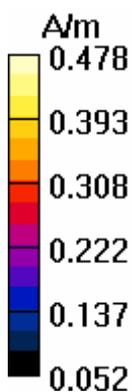
Probe Modulation Factor = 1.02

Reference Value = 0.365 A/m; Power Drift = -0.001 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.255	0.300	0.234
Grid 4	Grid 5	Grid 6
0.376	0.468	0.346
Grid 7	Grid 8	Grid 9
0.382	0.478	0.349



Test Laboratory: Advance Data Technology

H-CDMA850-Ch384

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 836.5 MHz

Communication System: CDMA ; Frequency: 836.5 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³ ;
 Phantom section: H Device Section ;
 Measurement Standard: DASY4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above Device Reference Mid Channel 384/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.404 A/m

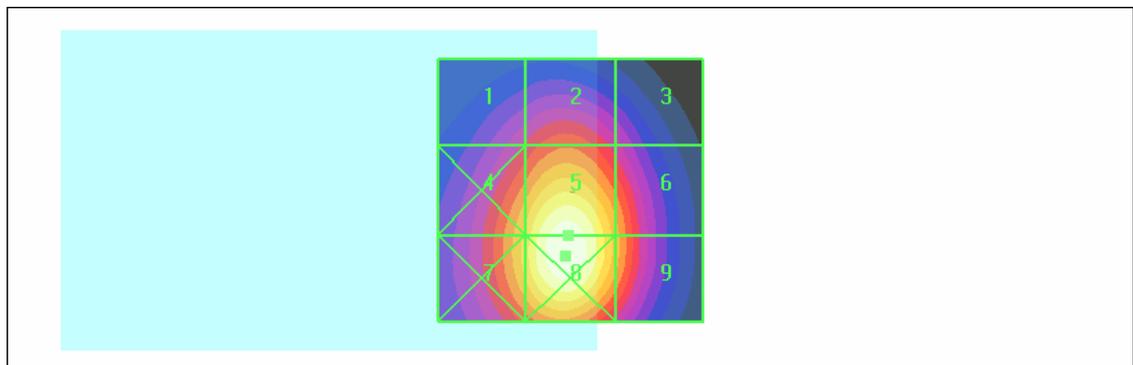
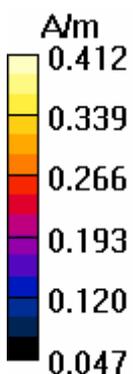
Probe Modulation Factor = 1.02

Reference Value = 0.317 A/m; Power Drift = -0.041 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.222	0.264	0.206
Grid 4	Grid 5	Grid 6
0.324	0.404	0.303
Grid 7	Grid 8	Grid 9
0.329	0.412	0.306



Test Laboratory: Advance Data Technology

H-CDMA850-Ch777

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 848.3 MHz

Communication System: CDMA ; Frequency: 848.3 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³ ;
 Phantom section: H Device Section ;
 Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above Device Reference High Channel 777/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.410 A/m

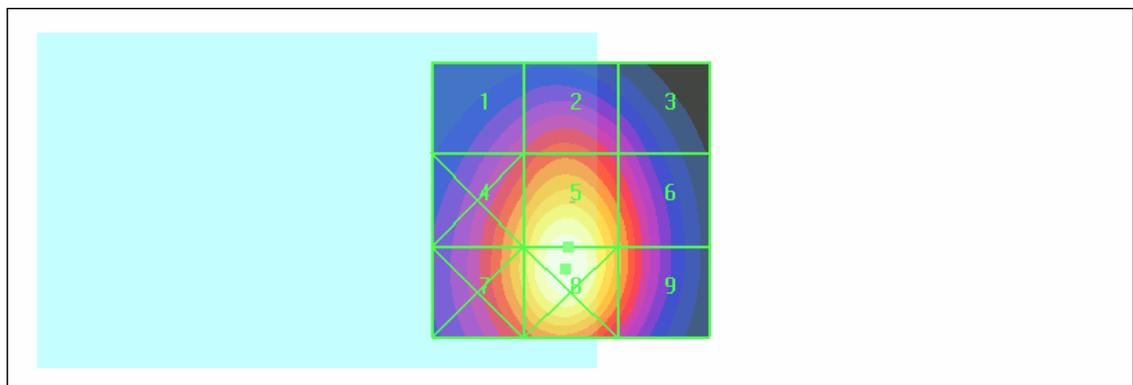
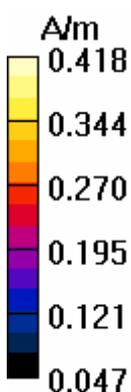
Probe Modulation Factor = 1.02

Reference Value = 0.327 A/m; Power Drift = -0.005 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.222	0.264	0.208
Grid 4	Grid 5	Grid 6
0.327	0.410	0.306
Grid 7	Grid 8	Grid 9
0.332	0.418	0.308



Test Laboratory: Advance Data Technology

H-CDMA850-Ch1013-Bat.B

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³ ;
 Phantom section: H Device Section ;
 Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above Device Reference Low Channel 1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.462 A/m

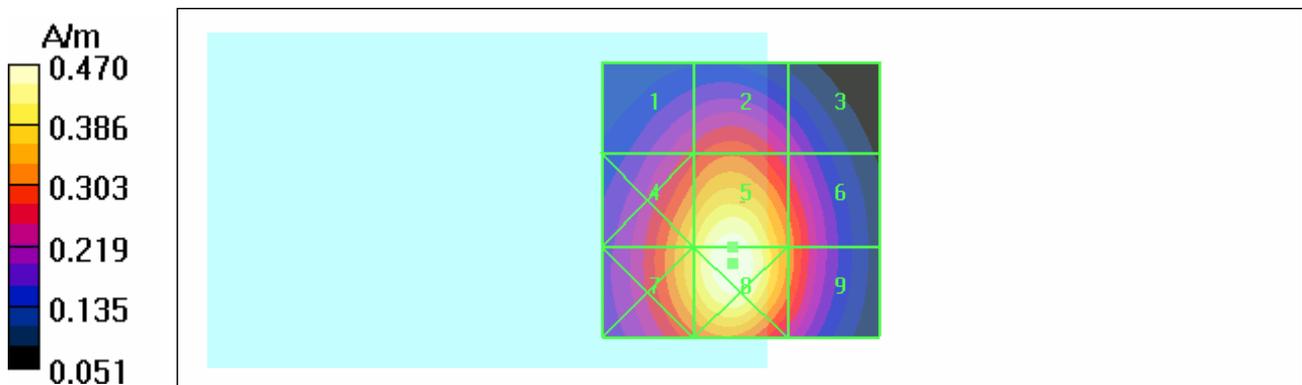
Probe Modulation Factor = 1.02

Reference Value = 0.360 A/m; Power Drift = -0.039 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.261	0.300	0.226
Grid 4	Grid 5	Grid 6
0.384	0.462	0.327
Grid 7	Grid 8	Grid 9
0.389	0.470	0.328



Test Laboratory: Advance Data Technology

H-CDMA850-Ch1013-BackLight OFF

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³ ;
 Phantom section: H Device Section ;
 Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above Device Reference Low Channel 1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **0.458** A/m

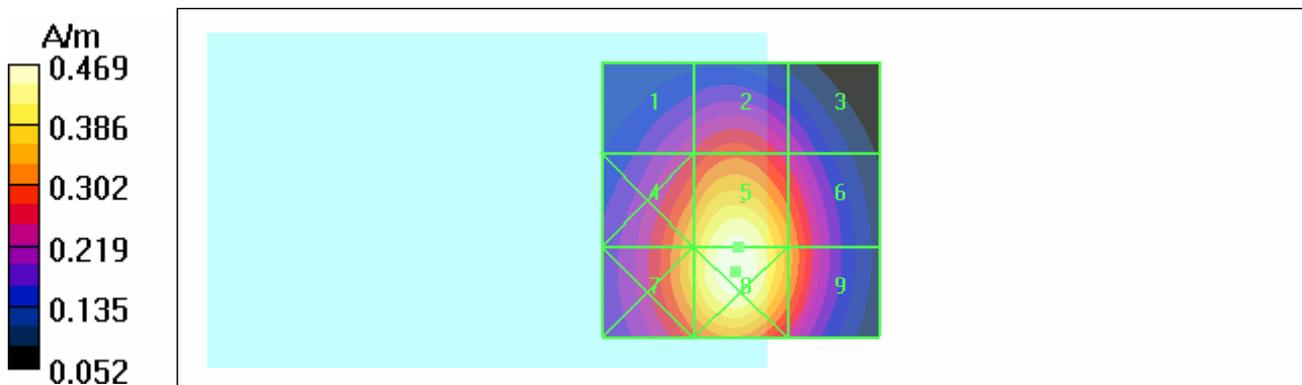
Probe Modulation Factor = 1.02

Reference Value = 0.360 A/m; Power Drift = -0.113 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.250	0.296	0.231
Grid 4	Grid 5	Grid 6
0.367	0.458	0.344
Grid 7	Grid 8	Grid 9
0.374	0.469	0.347



Test Laboratory: Advance Data Technology

H-CDMA1900-Ch25

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz

Communication System: CDMA ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³ ;
 Phantom section: H Device Section ;
 Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above Device Reference Low Channel 25/Hearing Aid

Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.149 A/m

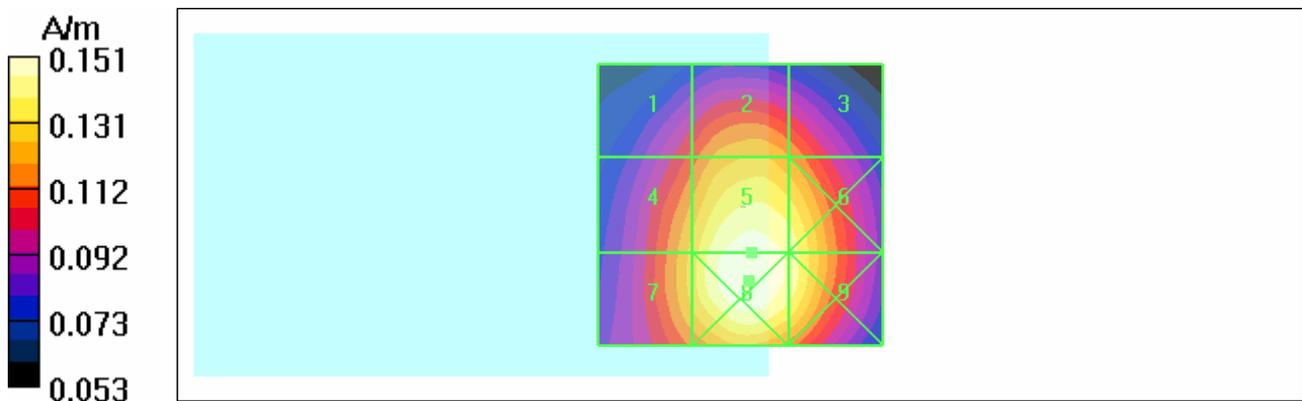
Probe Modulation Factor = 1.05

Reference Value = 0.131 A/m; Power Drift = -0.318 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.108	0.126	0.119
Grid 4	Grid 5	Grid 6
0.128	0.149	0.142
Grid 7	Grid 8	Grid 9
0.129	0.151	0.143



Test Laboratory: Advance Data Technology

H-CDMA1900-Ch600

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1880 MHz

Communication System: CDMA ; Frequency: 1880 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³ ;
 Phantom section: H Device Section ;
 Measurement Standard: DASY4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above Device Reference Mid Channel 600/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **0.164** A/m

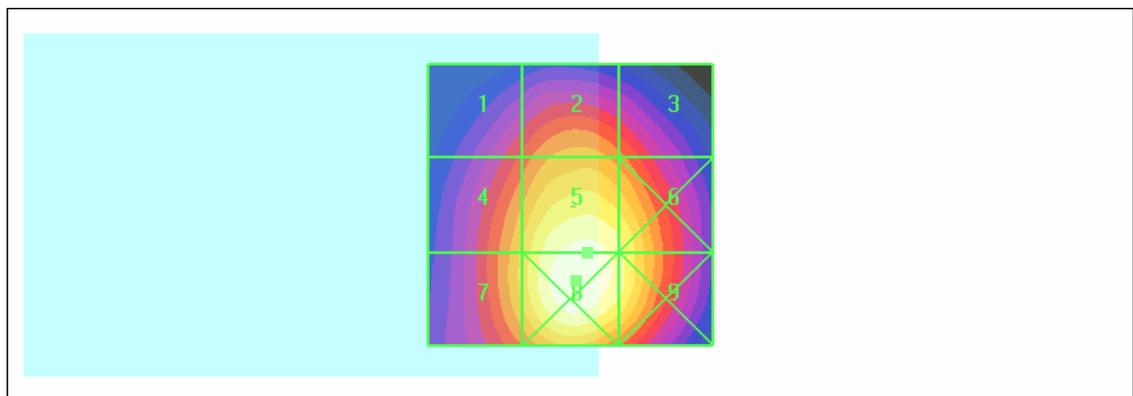
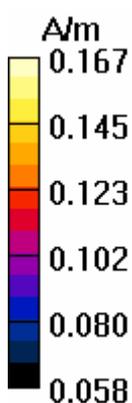
Probe Modulation Factor = 1.05

Reference Value = 0.140 A/m; Power Drift = -0.086 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.119	0.135	0.127
Grid 4	Grid 5	Grid 6
0.139	0.164	0.155
Grid 7	Grid 8	Grid 9
0.141	0.167	0.156



Test Laboratory: Advance Data Technology

H-CDMA1900-Ch1175

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz

Communication System: CDMA ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³ ;
 Phantom section: H Device Section ;
 Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above Device Reference High Channel 1175/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **0.214** A/m

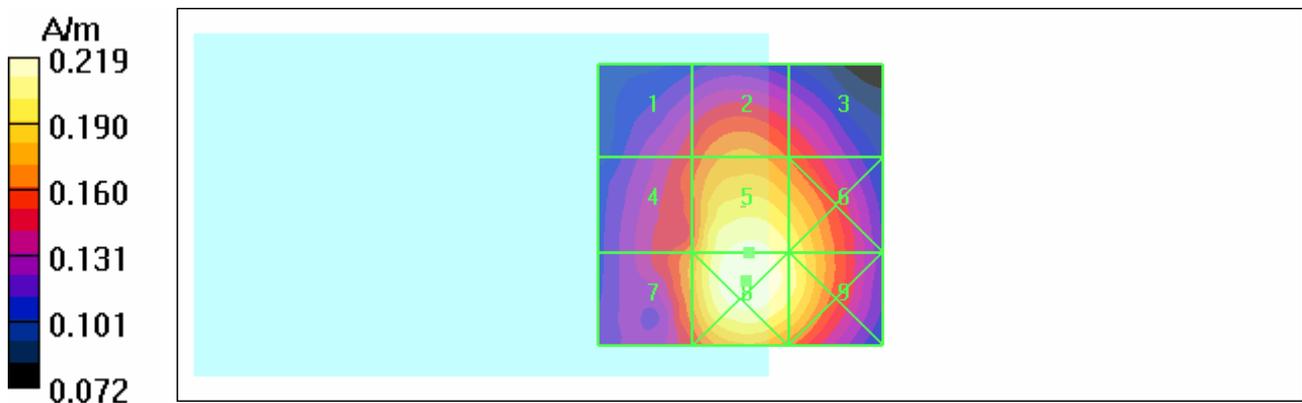
Probe Modulation Factor = 1.05

Reference Value = 0.178 A/m; Power Drift = -0.319 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.152	0.174	0.160
Grid 4	Grid 5	Grid 6
0.169	0.214	0.202
Grid 7	Grid 8	Grid 9
0.175	0.219	0.205



Test Laboratory: Advance Data Technology

H-CDMA1900-Ch1175-Bat.B

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz

Communication System: CDMA ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³ ;
 Phantom section: H Device Section ;
 Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above Device Reference High Channel 1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **0.211** A/m

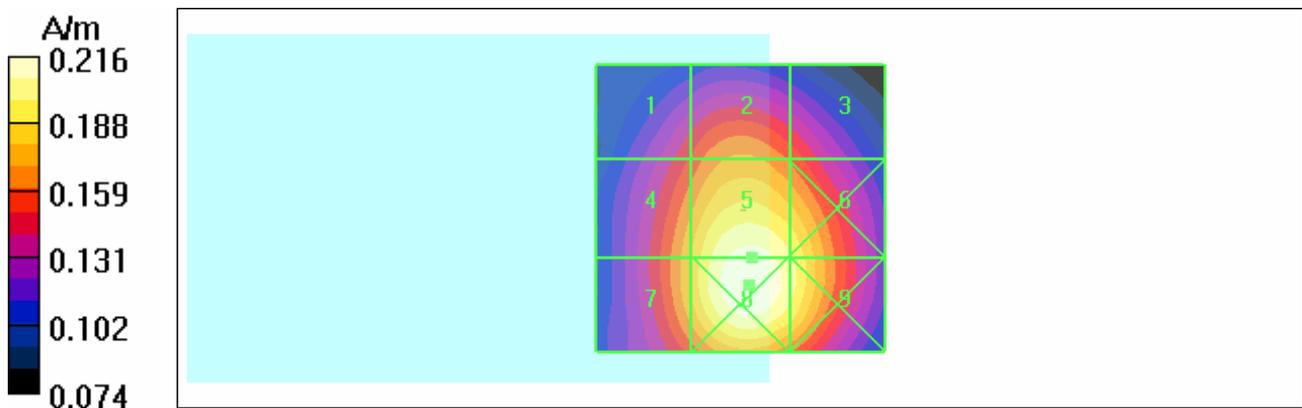
Probe Modulation Factor = 1.05

Reference Value = 0.177 A/m; Power Drift = -0.216 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.152	0.172	0.159
Grid 4	Grid 5	Grid 6
0.179	0.211	0.199
Grid 7	Grid 8	Grid 9
0.180	0.216	0.202



Test Laboratory: Advance Data Technology

H-CDMA1900-Ch1175-BackLight OFF

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz

Communication System: CDMA ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1 Modulation type: OQPSK
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³ ;
 Phantom section: H Device Section ;
 Measurement Standard: DASY4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above Device Reference High Channel 1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **0.208** A/m

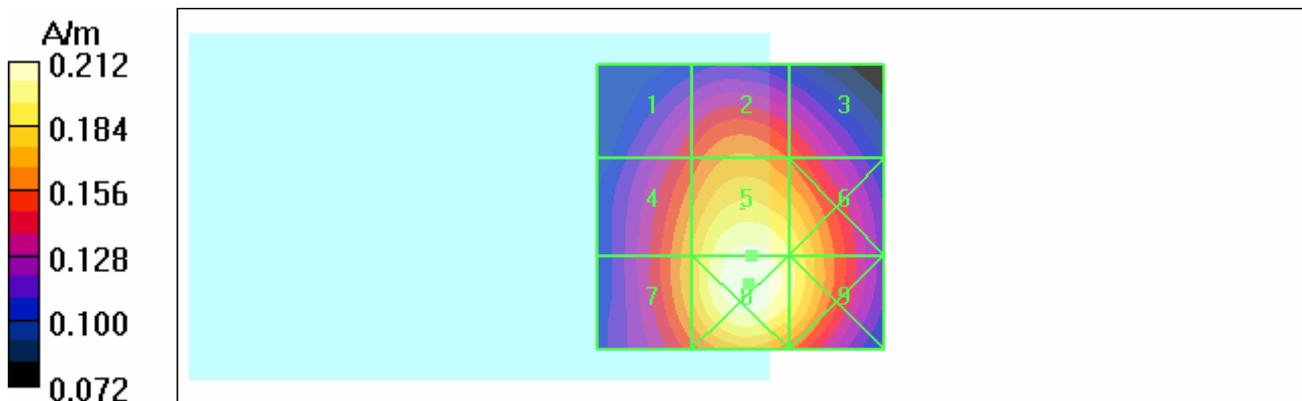
Probe Modulation Factor = 1.05

Reference Value = 0.171 A/m; Power Drift = -0.33 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.144	0.170	0.152
Grid 4	Grid 5	Grid 6
0.164	0.208	0.185
Grid 7	Grid 8	Grid 9
0.163	0.212	0.187



A2: PMF TEST PLOTS

Test Laboratory: Advance Data Technology

E-836.5MHz (CW)

DUT: HAC-Dipole 835 MHz ; Type: D835V3 ; Serial: 1041 ; Test Frequency: 836.5 MHz

Communication System: CW ; Frequency: 836.5 MHz; Duty Cycle: 1:1; Modulation type: CW

Medium: Air;Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section Measurement Standard: DASY4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above CD835 Dipole/Hearing Aid Compatibility Test

(41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **177.5** V/m

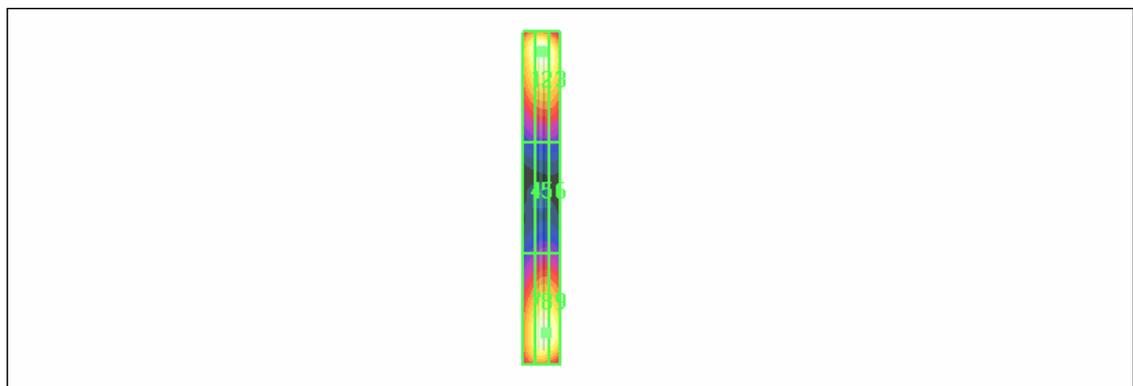
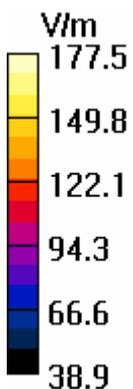
Probe Modulation Factor = 1.00

Reference Value = 129.0 V/m; Power Drift = -0.009 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
172.6	177.5	173.5
Grid 4	Grid 5	Grid 6
86.7	93.2	92.3
Grid 7	Grid 8	Grid 9
163.0	176.0	174.9



Test Laboratory: Advance Data Technology

E-836.5MHz (AM 80%)

DUT: HAC-Dipole 835 MHz ; Type: D835V3 ; Serial: 1041 ; Test Frequency: 836.5 MHz

Communication System: AM ; Frequency: 836.5 MHz; Duty Cycle: 1:1; Modulation type: AM

Medium: Air;Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section Measurement Standard: DASY4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above CD835 Dipole/Hearing Aid Compatibility Test

(41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **165.1** V/m

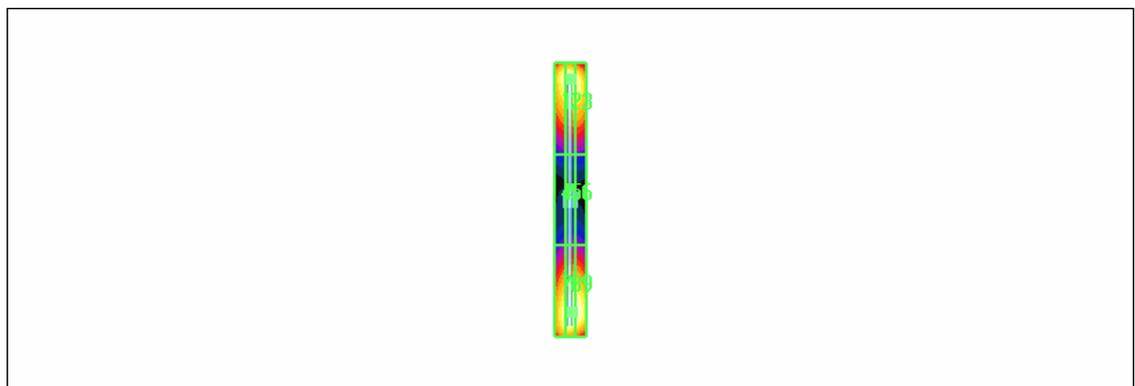
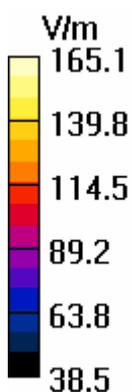
Probe Modulation Factor = 1.00

Reference Value = 112.2 V/m; Power Drift = -0.021 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
158.9	161.5	158.9
Grid 4	Grid 5	Grid 6
84.0	88.5	87.8
Grid 7	Grid 8	Grid 9
157.6	165.1	164.4



Test Laboratory: Advance Data Technology

E-836.5MHz (WD)

DUT: HAC-Dipole 835 MHz ; Type: D835V3 ; Serial: 1041 ; Test Frequency: 836.5 MHz

Communication System: CDMA ; Frequency: 836.5 MHz; Duty Cycle: 1:1; Modulation type: OQPSK
 Medium: Air;Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom section: E Dipole Section Measurement Standard: DASY4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above CD835 Dipole/Hearing Aid Compatibility Test

(41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **173.1** V/m

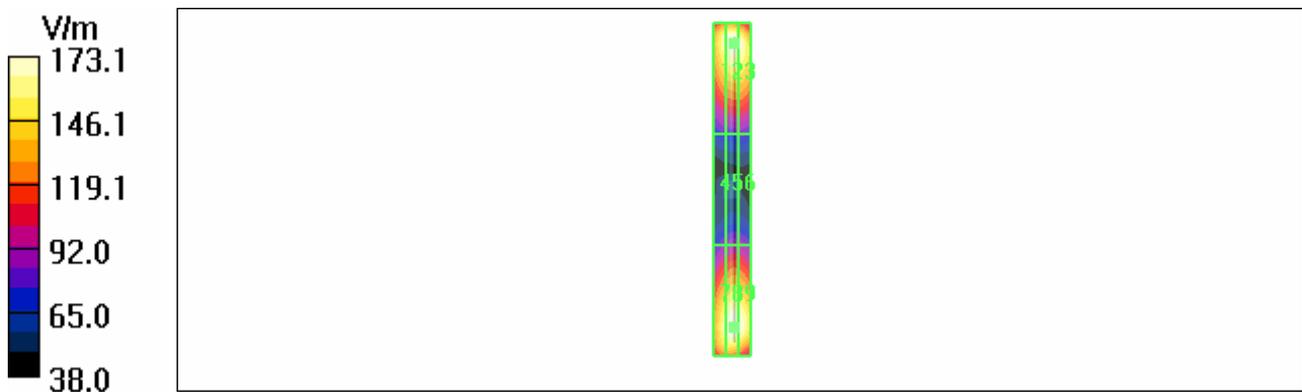
Probe Modulation Factor = 1.00

Reference Value = 135.1 V/m; Power Drift = -0.131 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
165.3	172.4	170.7
Grid 4	Grid 5	Grid 6
86.1	91.5	90.3
Grid 7	Grid 8	Grid 9
163.3	173.1	171.6



Test Laboratory: Advance Data Technology

H-836.5MHz (CW)

DUT: HAC-Dipole 835 MHz ; Type: D835V3 ; Serial: 1041 ; Test Frequency: 836.5 MHz

Communication System: CW ; Frequency: 836.5 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: Air;Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Dipole Section Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above CD835 Dipole/Hearing Aid Compatibility Test

(41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **0.502** A/m

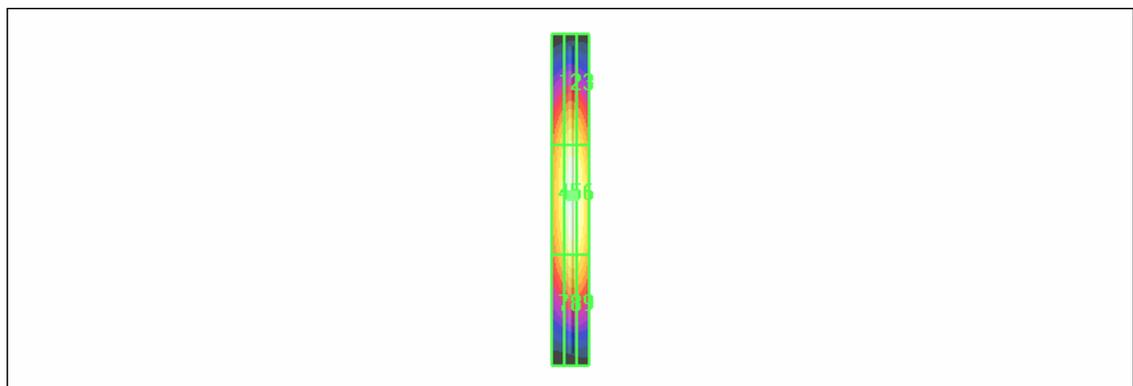
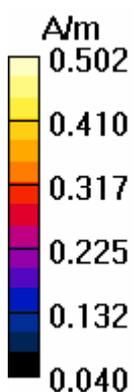
Probe Modulation Factor = 1.00

Reference Value = 0.534 A/m; Power Drift = -0.005 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.415	0.449	0.432
Grid 4	Grid 5	Grid 6
0.458	0.502	0.488
Grid 7	Grid 8	Grid 9
0.397	0.443	0.436



Test Laboratory: Advance Data Technology

H-836.5MHz (AM 80%)

DUT: HAC-Dipole 835 MHz ; Type: D835V3 ; Serial: 1041 ; Test Frequency: 835 MHz

Communication System: AM ; Frequency: 835 MHz; Duty Cycle: 1:1; Modulation type: AM

Medium: Air;Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Dipole Section Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above CD835 Dipole/Hearing Aid Compatibility Test

(41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **0.469** A/m

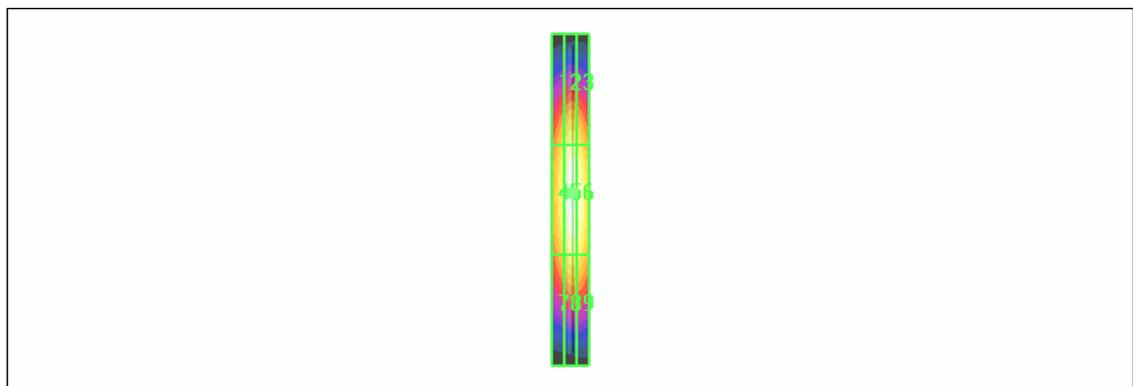
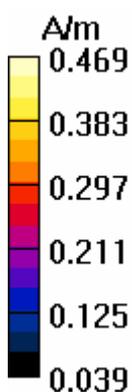
Probe Modulation Factor = 1.00

Reference Value = 0.496 A/m; Power Drift = -0.073 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.382	0.418	0.403
Grid 4	Grid 5	Grid 6
0.427	0.469	0.455
Grid 7	Grid 8	Grid 9
0.369	0.407	0.399



Test Laboratory: Advance Data Technology

H-836.5MHz (WD)

DUT: HAC-Dipole 835 MHz ; Type: D835V3 ; Serial: 1041 ; Test Frequency: 836.6 MHz

Communication System: CDMA ; Frequency: 836.6 MHz; Duty Cycle: 1:1; Modulation type: OQPSK
 Medium: Air;Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: H Dipole Section Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above CD835 Dipole/Hearing Aid Compatibility Test

(41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **0.491** A/m

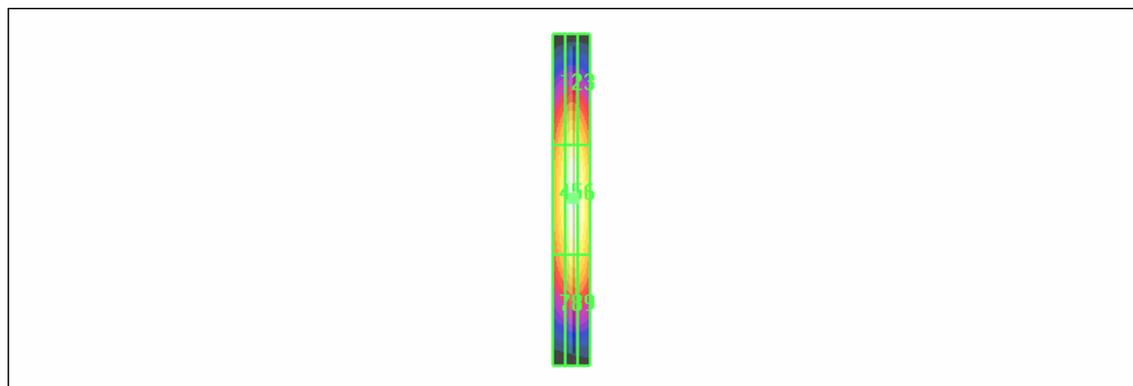
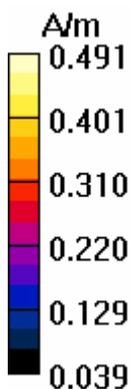
Probe Modulation Factor = 1.00

Reference Value = 0.559 A/m; Power Drift = -0.006 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.402	0.434	0.416
Grid 4	Grid 5	Grid 6
0.446	0.491	0.475
Grid 7	Grid 8	Grid 9
0.385	0.431	0.422



Test Laboratory: Advance Data Technology

E-1880MHz (CW)

DUT: HAC Dipole 1880 MHz ; Type: CD1880V3 ; Serial: 1032 ; Test Frequency: 1880 MHz

Communication System: CW ; Frequency: 1880 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: Air;Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom section: E Dipole Section Measurement Standard: DASY4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above CD1880 Dipole/Hearing Aid Compatibility Test

(41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **127.7** V/m

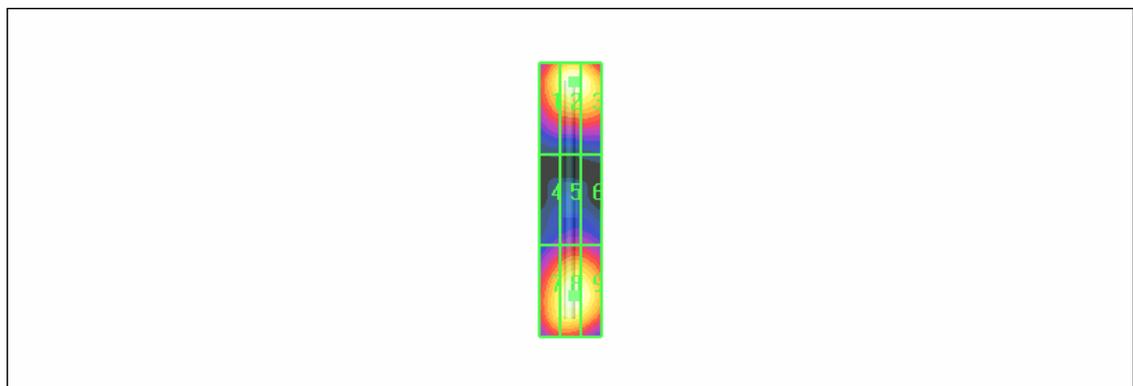
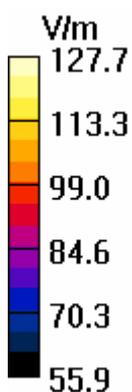
Probe Modulation Factor = 1.00

Reference Value = 127.6 V/m; Power Drift = -0.025 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
120.1	127.7	126.0
Grid 4	Grid 5	Grid 6
82.6	88.7	88.0
Grid 7	Grid 8	Grid 9
119.6	126.4	124.8



Test Laboratory: Advance Data Technology

E-1880MHz (AM 80%)

DUT: HAC Dipole 1880 MHz ; Type: CD1880V3 ; Serial: 1032 ; Test Frequency: 1880 MHz

Communication System: AM ; Frequency: 1880 MHz; Duty Cycle: 1:1; Modulation type: AM
 Medium: Air;Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom section: E Dipole Section Measurement Standard: DASY4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above CD1880 Dipole/Hearing Aid Compatibility Test

(41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **120.3** V/m

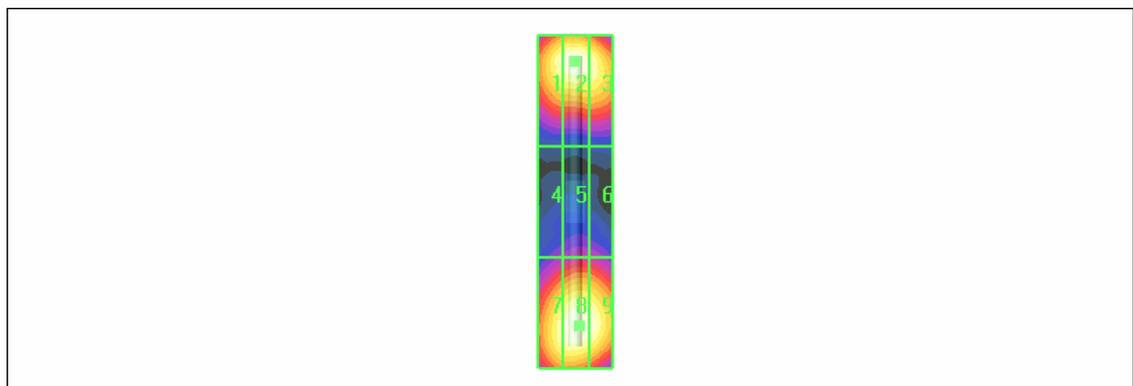
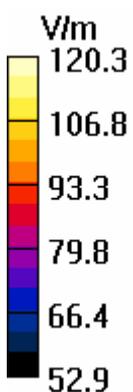
Probe Modulation Factor = 1.00

Reference Value = 120.6 V/m; Power Drift = -0.048 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
117.1	120.3	117.2
Grid 4	Grid 5	Grid 6
77.7	82.0	81.2
Grid 7	Grid 8	Grid 9
115.7	120.2	119.0



Test Laboratory: Advance Data Technology

E-1880MHz (WD)

DUT: HAC Dipole 1880 MHz ; Type: CD1880V3 ; Serial: 1032 ; Test Frequency: 1880 MHz

Communication System: CDMA ; Frequency: 1880 MHz; Duty Cycle: 1:1; Modulation type: OQPSK
 Medium: Air; Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom section: E Dipole Section Measurement Standard: DASY4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above CD1880 Dipole/Hearing Aid Compatibility Test

(41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 122.7 V/m

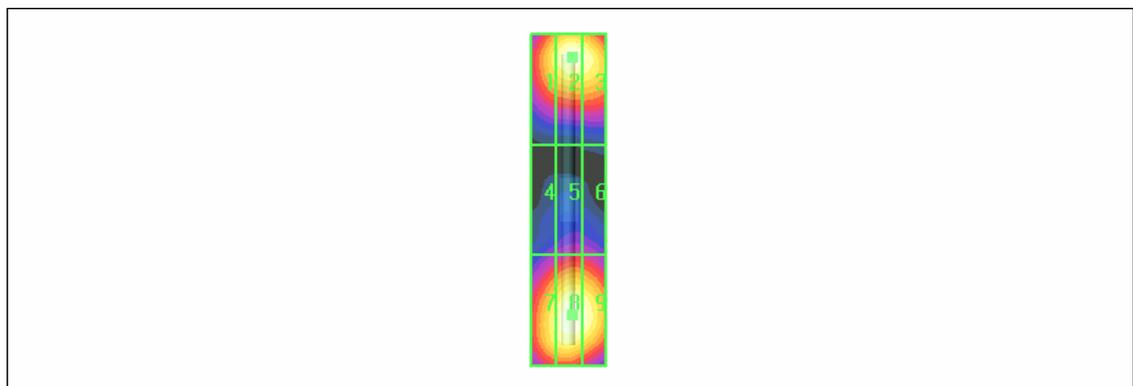
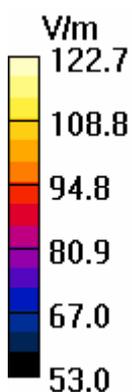
Probe Modulation Factor = 1.00

Reference Value = 129.7 V/m; Power Drift = -0.120 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
113.0	121.4	119.8
Grid 4	Grid 5	Grid 6
79.2	85.3	84.5
Grid 7	Grid 8	Grid 9
115.6	122.7	120.7



Test Laboratory: Advance Data Technology

H-1880MHz (CW)

DUT: HAC Dipole 1880 MHz ; Type: CD1880V3 ; Serial: 1032 ; Test Frequency: 1880 MHz

Communication System: CW ; Frequency: 1880 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: Air;Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: H Dipole Section Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above CD1880 Dipole/Hearing Aid Compatibility Test

(41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **0.451** A/m

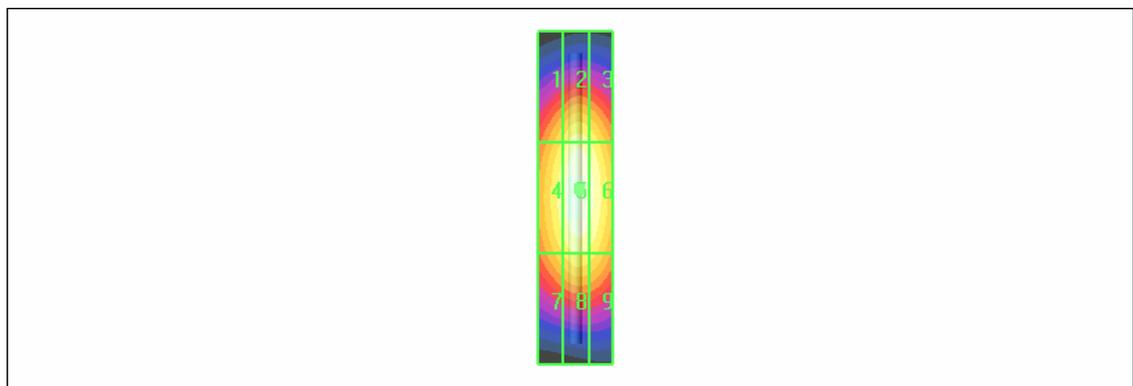
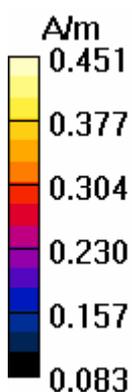
Probe Modulation Factor = 1.00

Reference Value = 0.476 A/m; Power Drift = -0.004 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.383	0.419	0.407
Grid 4	Grid 5	Grid 6
0.418	0.451	0.439
Grid 7	Grid 8	Grid 9
0.376	0.404	0.395



Test Laboratory: Advance Data Technology

H-1880MHz (AM 80%)

DUT: HAC Dipole 1880 MHz ; Type: CD1880V3 ; Serial: 1032 ; Test Frequency: 1880 MHz

Communication System: AM ; Frequency: 1880 MHz; Duty Cycle: 1:1; Modulation type: AM
 Medium: Air;Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: H Dipole Section Measurement Standard: DASY4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above CD1880 Dipole/Hearing Aid Compatibility Test

(41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **0.417** A/m

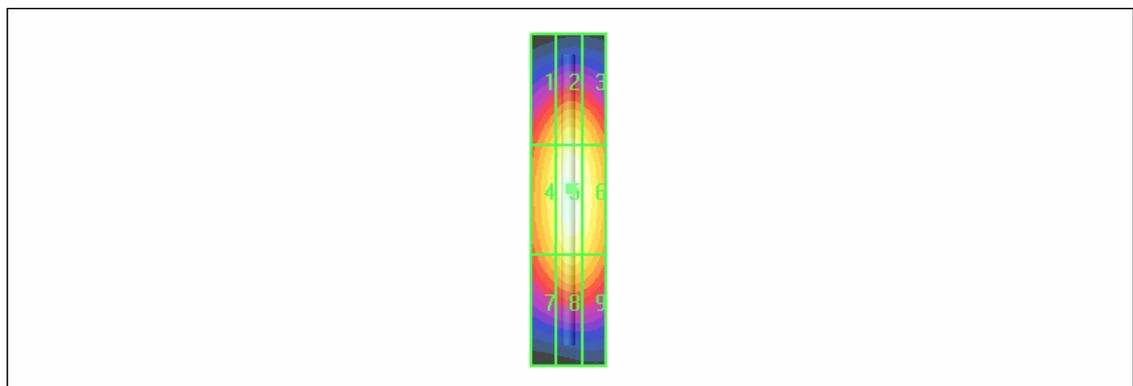
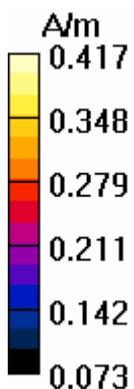
Probe Modulation Factor = 1.00

Reference Value = 0.468 A/m; Power Drift = -0.009 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.346	0.382	0.367
Grid 4	Grid 5	Grid 6
0.381	0.417	0.401
Grid 7	Grid 8	Grid 9
0.337	0.368	0.356



Test Laboratory: Advance Data Technology

H-1880MHz (WD)

DUT: HAC Dipole 1880 MHz ; Type: CD1880V3 ; Serial: 1032 ; Test Frequency: 1880 MHz

Communication System: CDMA ; Frequency: 1880 MHz; Duty Cycle: 1:1; Modulation type: OQPSK
 Medium: Air; Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: H Dipole Section Measurement Standard: DASY4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above CD1880 Dipole/Hearing Aid Compatibility Test

(41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **0.430** A/m

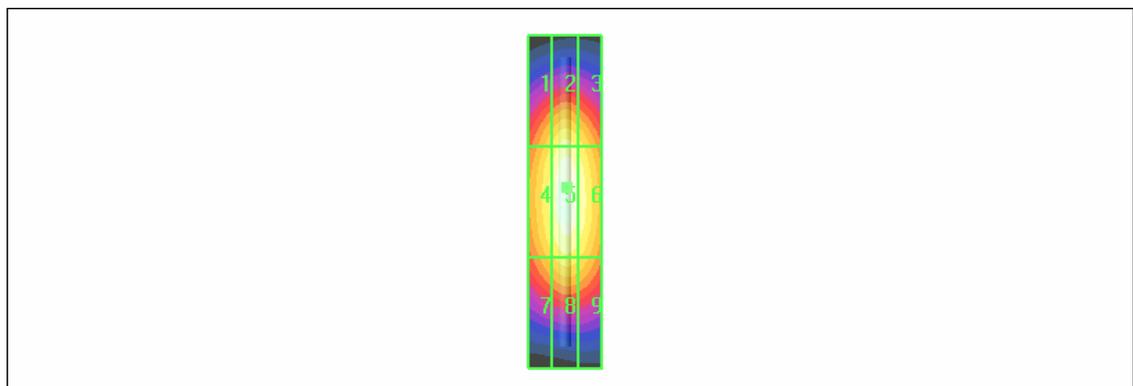
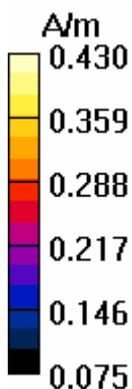
Probe Modulation Factor = 1.00

Reference Value = 0.518 A/m; Power Drift = -0.046 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.362	0.397	0.376
Grid 4	Grid 5	Grid 6
0.395	0.430	0.407
Grid 7	Grid 8	Grid 9
0.350	0.378	0.365



A3: SYSTEM VALIDATION TEST PLOTS

Test Laboratory: Advance Data Technology

E-835MHz (System Validation)

DUT: HAC-Dipole 835 MHz ; Type: D835V3 ; Serial: 1041 ; Test Frequency: 835 MHz

Communication System: CW ; Frequency: 835 MHz; Duty Cycle: 1:1; Modulation type: CW

Medium: Air;Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section Measurement Standard: DASY4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above CD835 Dipole/Hearing Aid Compatibility Test

(41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **166.1** V/m

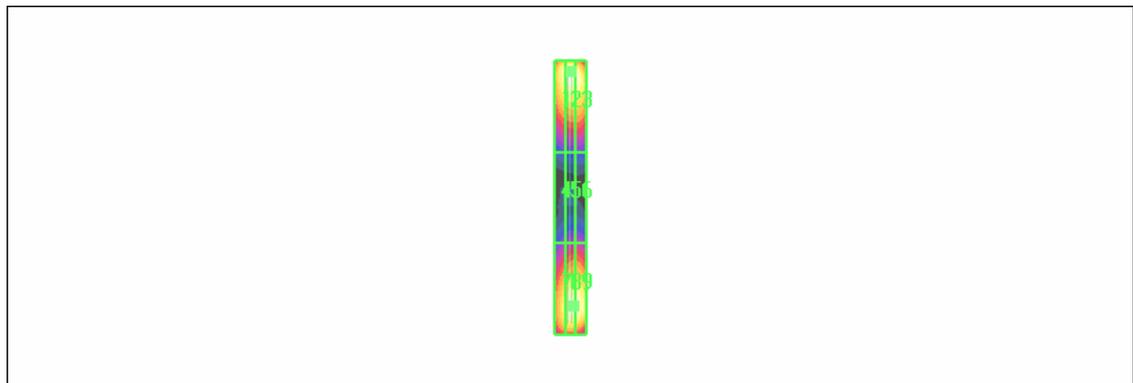
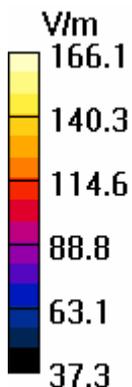
Probe Modulation Factor = 1.00

Reference Value = 123.6 V/m; Power Drift = 0.029 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
161.1	166.1	163.5
Grid 4	Grid 5	Grid 6
83.9	91.4	90.9
Grid 7	Grid 8	Grid 9
150.6	164.0	163.2



Test Laboratory: Advance Data Technology

H-835MHz (System Validation)

DUT: HAC-Dipole 835 MHz ; Type: D835V3 ; Serial: 1041 ; Test Frequency: 835 MHz

Communication System: CW ; Frequency: 835 MHz; Duty Cycle: 1:1; Modulation type: CW

Medium: Air;Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Dipole Section Measurement Standard: DASY4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above CD835 Dipole/Hearing Aid Compatibility Test

(41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **0.470** A/m

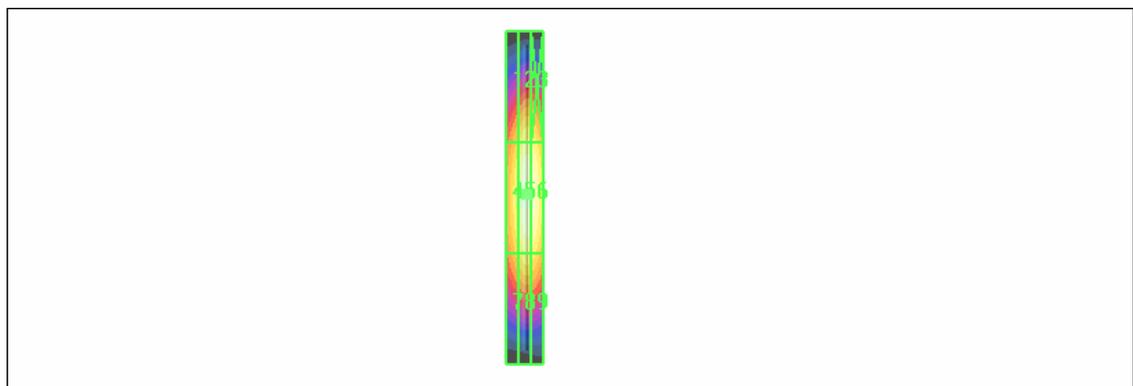
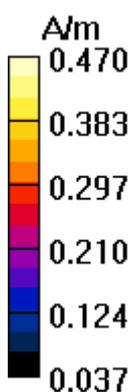
Probe Modulation Factor = 1.00

Reference Value = 0.495 A/m; Power Drift = 0.012 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.373	0.421	0.416
Grid 4	Grid 5	Grid 6
0.422	0.470	0.462
Grid 7	Grid 8	Grid 9
0.372	0.412	0.405



Test Laboratory: Advance Data Technology

E-1880MHz (System Validation)

DUT: HAC Dipole 1880 MHz ; Type: CD1880V3 ; Serial: 1032 ; Test Frequency: 1880 MHz

Communication System: CW ; Frequency: 1880 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: Air;Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom section: E Dipole Section Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: ER3DV6 - SN2293 ; ConvF(1, 1, 1) ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

E Scan - ER probe center 10mm above CD1880 Dipole/Hearing Aid Compatibility Test

(41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 129.6 V/m

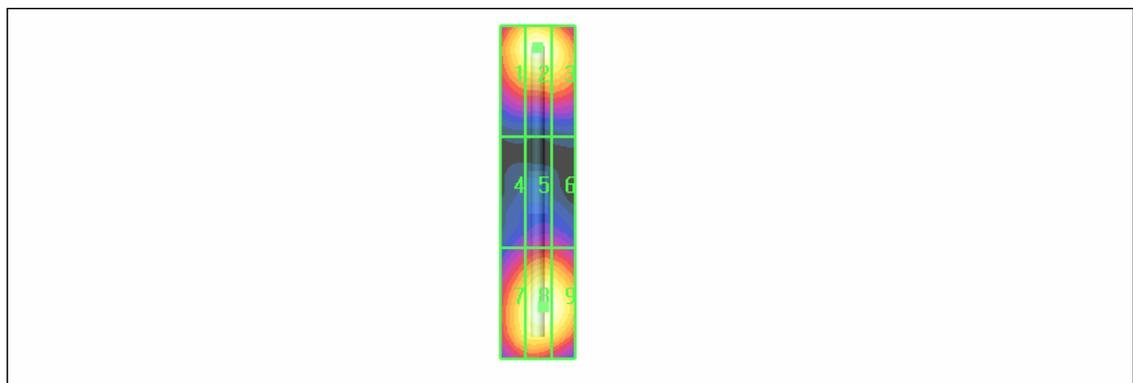
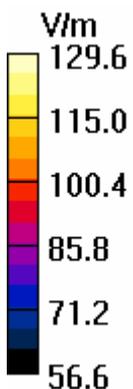
Probe Modulation Factor = 1.00

Reference Value = 129.7 V/m; Power Drift = -0.032 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
124.5	128.8	125.3
Grid 4	Grid 5	Grid 6
85.1	91.4	90.8
Grid 7	Grid 8	Grid 9
121.4	129.6	128.5



Test Laboratory: Advance Data Technology

H-1880MHz (System Validation)

DUT: HAC Dipole 1880 MHz ; Type: CD1880V3 ; Serial: 1032 ; Test Frequency: 1880 MHz

Communication System: CW ; Frequency: 1880 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: Air;Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: H Dipole Section Measurement Standard: DAS4 (High Precision Assessment);

DASY4 Configuration:

- Probe: H3DV6 - SN6124 ; ; Calibrated: 2007/1/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial:
- Measurement SW: DAS4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

H Scan - ER probe center 10mm above CD1880 Dipole/Hearing Aid Compatibility Test

(41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = **0.461** A/m

Probe Modulation Factor = 1.00

Reference Value = 0.485 A/m; Power Drift = -0.013 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.388	0.433	0.425
Grid 4	Grid 5	Grid 6
0.421	0.461	0.453
Grid 7	Grid 8	Grid 9
0.375	0.408	0.401

