#01 HAC_E_CDMA2000 BC1_RC3+SO55_Ch25

DUT: 230757

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3

Ambient Temperature：22.6 ℃

DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of peak Total field = 55.2 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 63.8 V/m; Power Drift = -0.092 dB

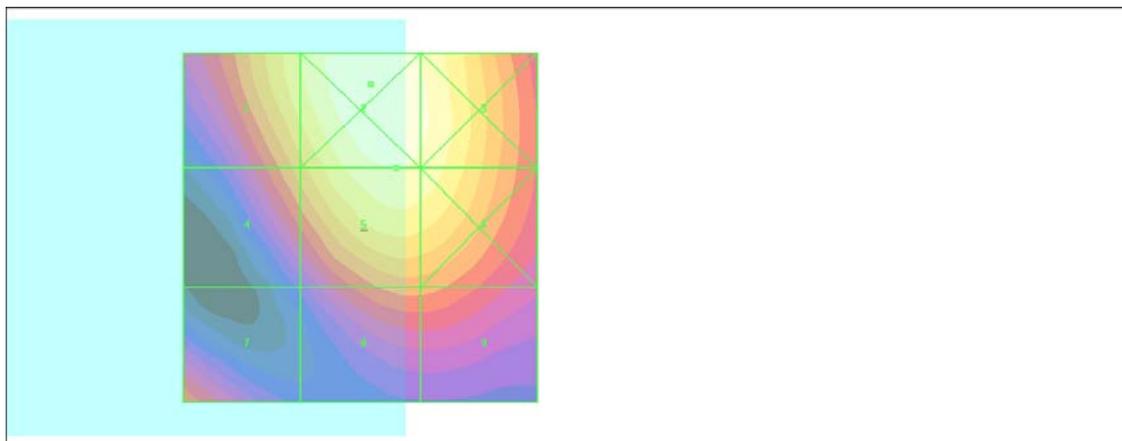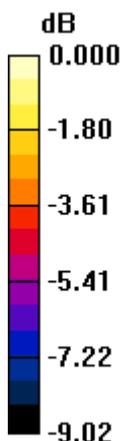**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
51.2 M4	**59.1 M4**	**56.0 M4**
Grid 4	Grid 5	Grid 6
43.5 M4	**55.2 M4**	**54.1 M4**
Grid 7	Grid 8	Grid 9
38.7 M4	**40.4 M4**	**40.2 M4**

Cursor:
Total = 59.1 V/m
E Category: M4
Location: -1.5, -20.5, 8.7 mm

0 dB = 59.1V/m

#02 HAC_E_CDMA2000 BC1_RC3+SO55_Ch600

DUT: 230757

Communication System: CDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.6 ℃

DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch600/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 50.0 V/m
Probe Modulation Factor = 0.980
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 55.0 V/m; Power Drift = -0.040 dB
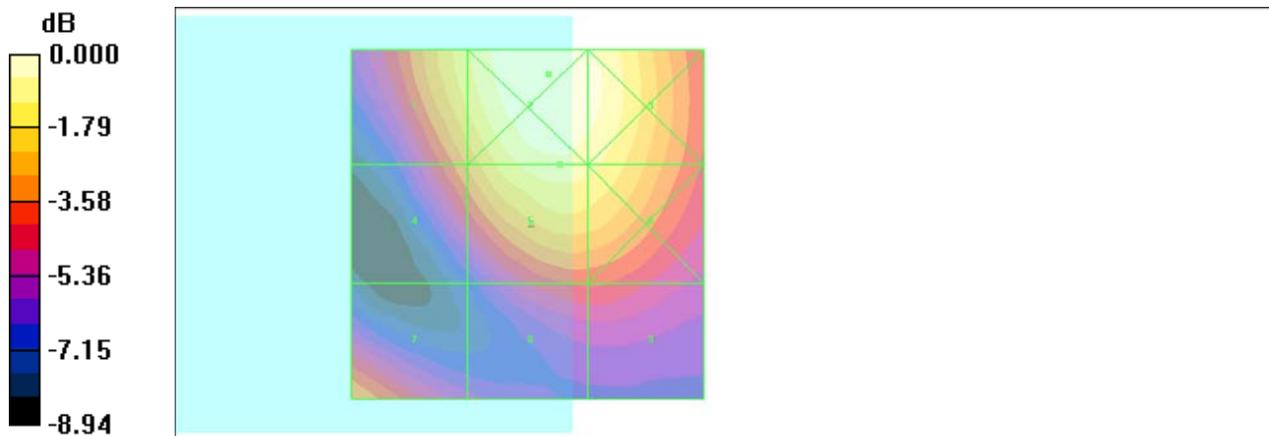**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
47.3 M4	**54.7 M4**	**52.9 M4**
Grid 4	Grid 5	Grid 6
39.2 M4	**50.0 M4**	**48.7 M4**
Grid 7	Grid 8	Grid 9
39.2 M4	**34.3 M4**	**34.3 M4**

Cursor:
Total = 54.7 V/m
E Category: M4
Location: -3, -21.5, 8.7 mm

0 dB = 54.7V/m

#03 HAC_E_CDMA2000 BC1_RC3+SO55_Ch1175

DUT: 230757

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3

Ambient Temperature：22.6 ℃

DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 46.2 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 50.1 V/m; Power Drift = -0.107 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)
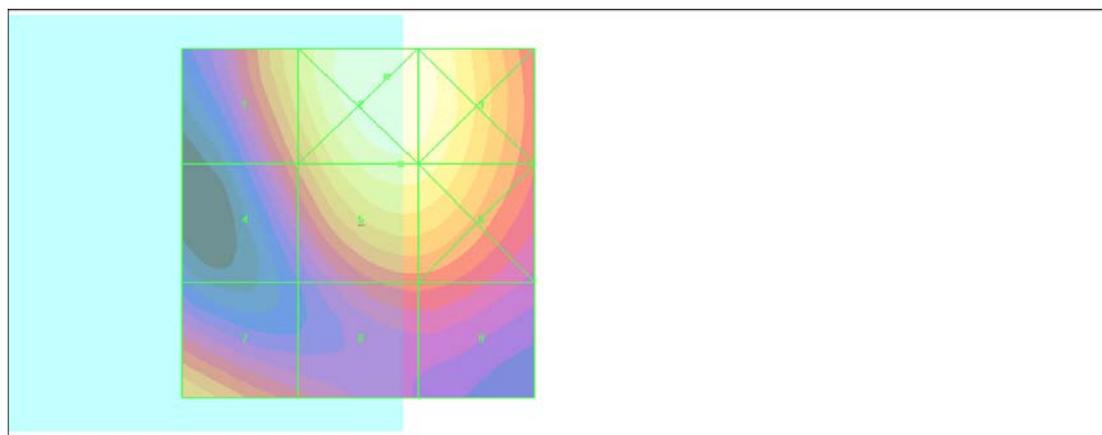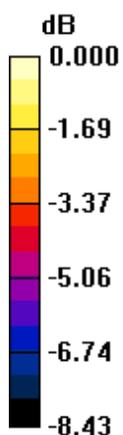
Peak E-field in V/m

Grid 1	Grid 2	Grid 3
41.7 M4	**50.2 M4**	**49.0 M4**
Grid 4	Grid 5	Grid 6
34.8 M4	**46.2 M4**	**45.8 M4**
Grid 7	Grid 8	Grid 9
39.2 M4	**32.9 M4**	**32.9 M4**

Cursor:
Total = 50.2 V/m
E Category: M4
Location: -4, -21, 8.7 mm

0 dB = 50.2V/m

#04 HAC_H_CDMA2000 BC1_RC3+SO55_Ch25

DUT: 230757

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.6 ℃

DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.118 A/m
Probe Modulation Factor = 0.810
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.139 A/m; Power Drift = 0.075 dB
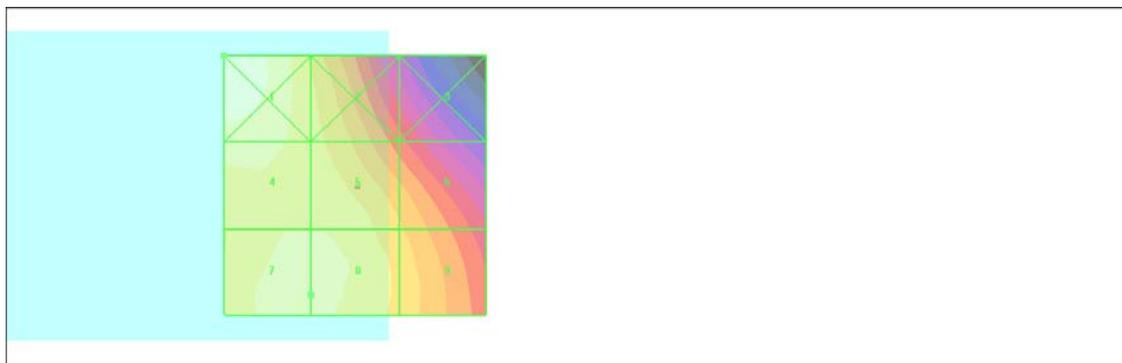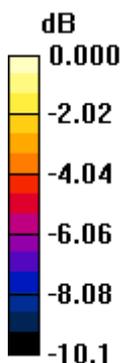**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.132 M4	**0.108 M4**	**0.079 M4**
Grid 4	Grid 5	Grid 6
0.118 M4	**0.113 M4**	**0.098 M4**
Grid 7	Grid 8	Grid 9
0.117 M4	**0.116 M4**	**0.103 M4**

Cursor:
Total = 0.132 A/m
H Category: M4
Location: 25, -25, 8.7 mm

0 dB = 0.132A/m

#05 HAC_H_CDMA2000 BC1_RC3+SO55_Ch600

DUT: 230757

Communication System: CDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.6 ℃

DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch600/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.108 A/m
Probe Modulation Factor = 0.810
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.133 A/m; Power Drift = 0.080 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)
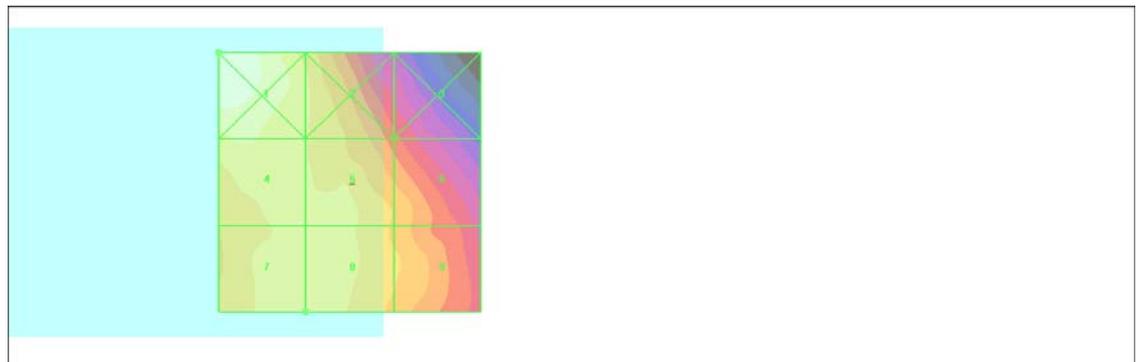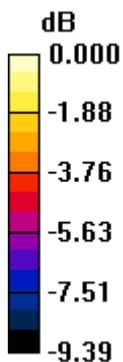
Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.124 M4	**0.102 M4**	**0.077 M4**
Grid 4	Grid 5	Grid 6
0.108 M4	**0.103 M4**	**0.093 M4**
Grid 7	Grid 8	Grid 9
0.105 M4	**0.104 M4**	**0.094 M4**

Cursor:
Total = 0.124 A/m
H Category: M4
Location: 25, -25, 8.7 mm

0 dB = 0.124A/m

#06 HAC_H_CDMA2000 BC1_RC3+SO55_Ch1175

DUT: 230757

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3

Ambient Temperature：22.6 ℃

DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.099 A/m

Probe Modulation Factor = 0.810

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.126 A/m; Power Drift = -0.090 dB

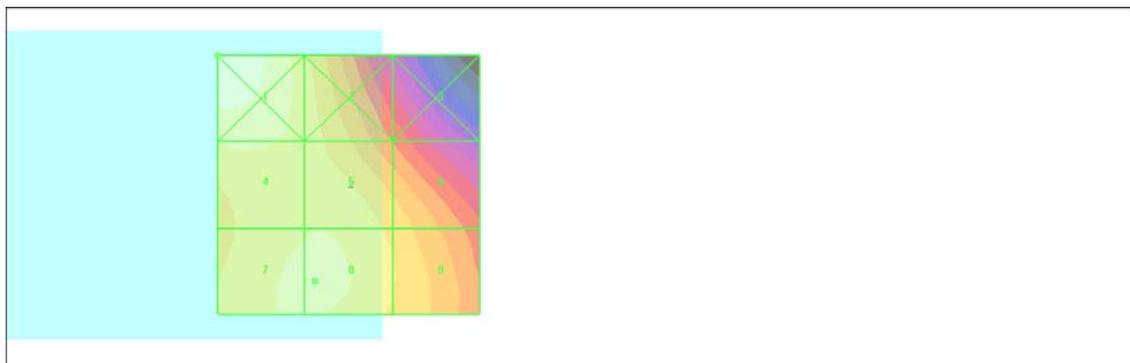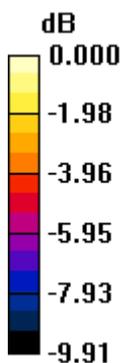**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

Grid 1 **0.113 M4**	Grid 2 **0.094 M4**	Grid 3 **0.072 M4**
Grid 4 **0.099 M4**	Grid 5 **0.097 M4**	Grid 6 **0.088 M4**
Grid 7 **0.098 M4**	Grid 8 **0.098 M4**	Grid 9 **0.090 M4**

Cursor:
Total = 0.113 A/m
H Category: M4
Location: 25, -25, 8.7 mm

0 dB = 0.113A/m