

#04 HAC_E_GSM850_Ch189

DUT: 121001

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH189/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 129.7 V/m

Probe Modulation Factor = 2.65

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 59.7 V/m; Power Drift = -0.047 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak E-field in V/m

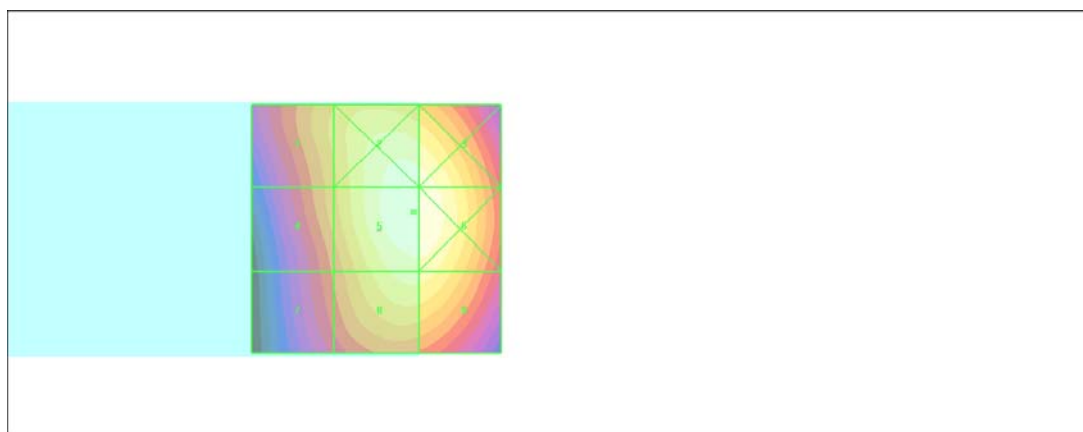
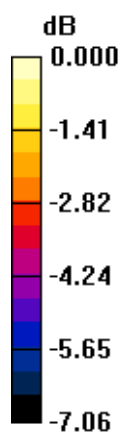
Grid 1 106.5 M4	Grid 2 127.9 M4	Grid 3 127.3 M4
Grid 4 103.2 M4	Grid 5 129.7 M4	Grid 6 129.5 M4
Grid 7 95.1 M4	Grid 8 119.9 M4	Grid 9 119.8 M4

Cursor:

Total = 129.7 V/m

E Category: M4

Location: -7.5, -3.5, 8.7 mm



0 dB = 129.7V/m

#05 HAC_E_GSM850_Ch128

DUT: 121001

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH128/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 126.2 V/m

Probe Modulation Factor = 2.65

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 57.8 V/m; Power Drift = -0.031 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak E-field in V/m

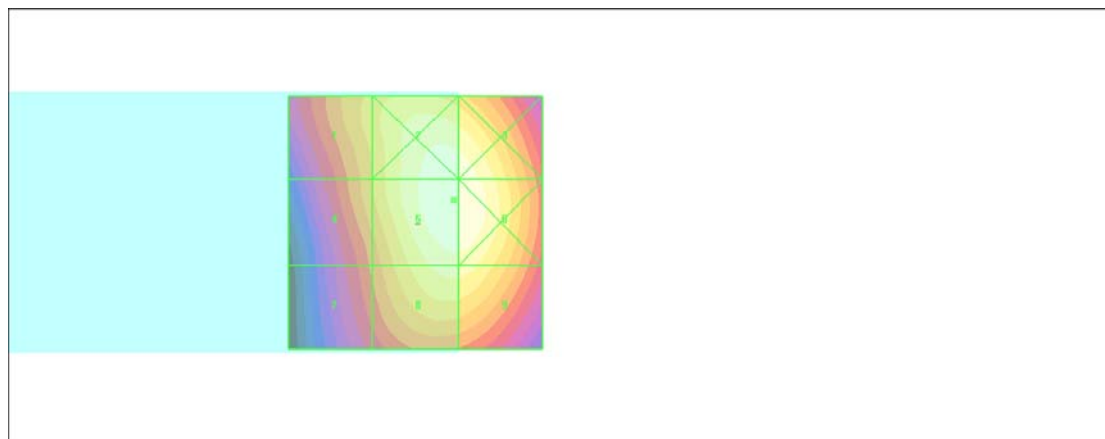
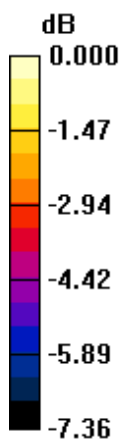
Grid 1 104.2 M4	Grid 2 124.7 M4	Grid 3 124.3 M4
Grid 4 100.5 M4	Grid 5 126.2 M4	Grid 6 126.1 M4
Grid 7 91.4 M4	Grid 8 116.1 M4	Grid 9 116.1 M4

Cursor:

Total = 126.2 V/m

E Category: M4

Location: -7.5, -4.5, 8.7 mm



0 dB = 126.2V/m

#06 HAC_E_GSM850_Ch251

DUT: 121001

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH251/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 141.8 V/m

Probe Modulation Factor = 2.65

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 65.4 V/m; Power Drift = 0.004 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak E-field in V/m

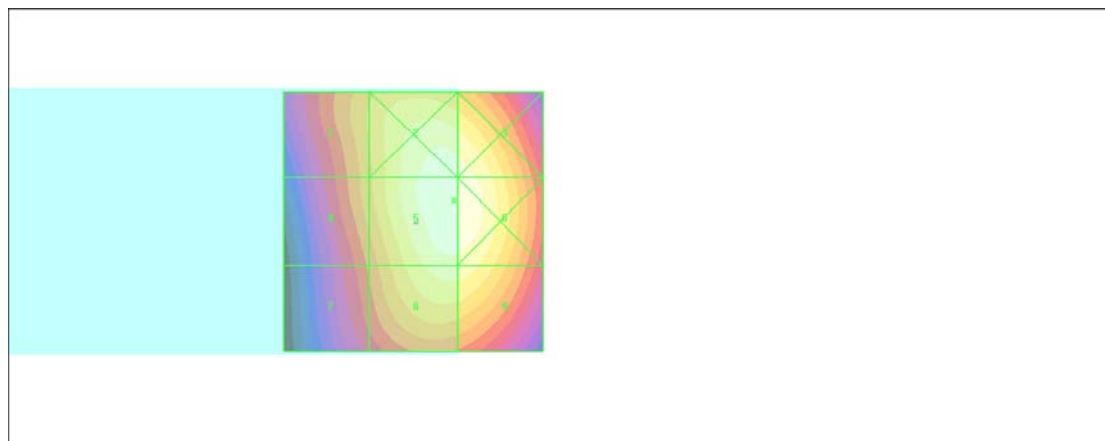
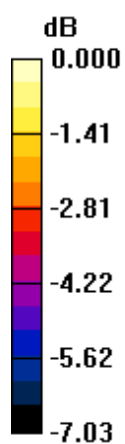
Grid 1 115.4 M4	Grid 2 139.2 M4	Grid 3 138.5 M4
Grid 4 113.0 M4	Grid 5 141.8 M4	Grid 6 141.7 M4
Grid 7 104.1 M4	Grid 8 131.7 M4	Grid 9 131.6 M4

Cursor:

Total = 141.8 V/m

E Category: M4

Location: -8, -4, 8.7 mm



0 dB = 141.8V/m

#01 HAC_E_GSM1900_Ch661

DUT: 121001

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH661/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 65.5 V/m

Probe Modulation Factor = 2.70

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 23.7 V/m; Power Drift = 0.005 dB

Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

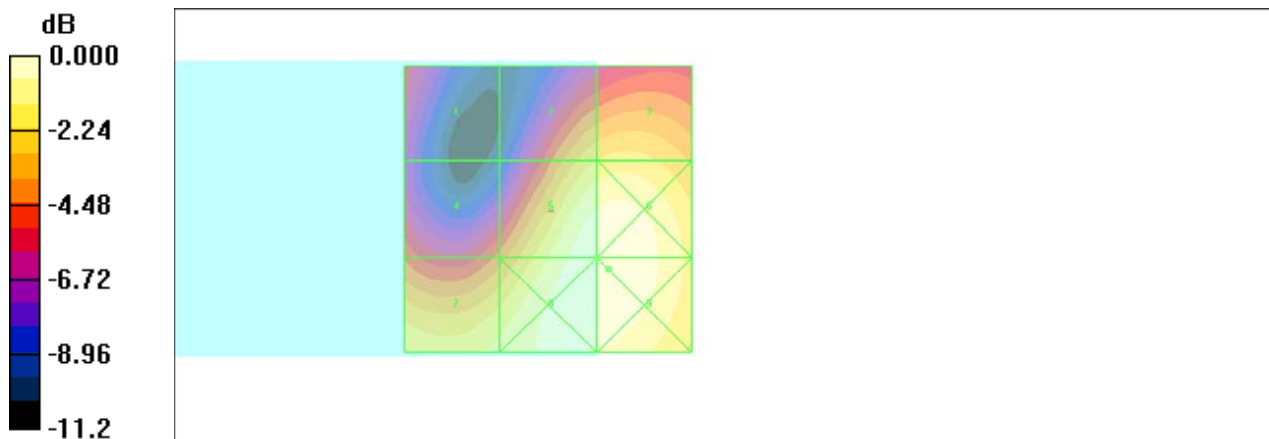
Grid 1 35.3 M4	Grid 2 51.2 M3	Grid 3 53.4 M3
Grid 4 41.1 M4	Grid 5 65.5 M3	Grid 6 66.1 M3
Grid 7 57.2 M3	Grid 8 66.0 M3	Grid 9 66.4 M3

Cursor:

Total = 66.4 V/m

E Category: M3

Location: -10.5, 10.5, 8.7 mm



#02 HAC_E_GSM1900_Ch512

DUT: 121001

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH512/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 60.7 V/m

Probe Modulation Factor = 2.70

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 21.9 V/m; Power Drift = 0.063 dB

Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

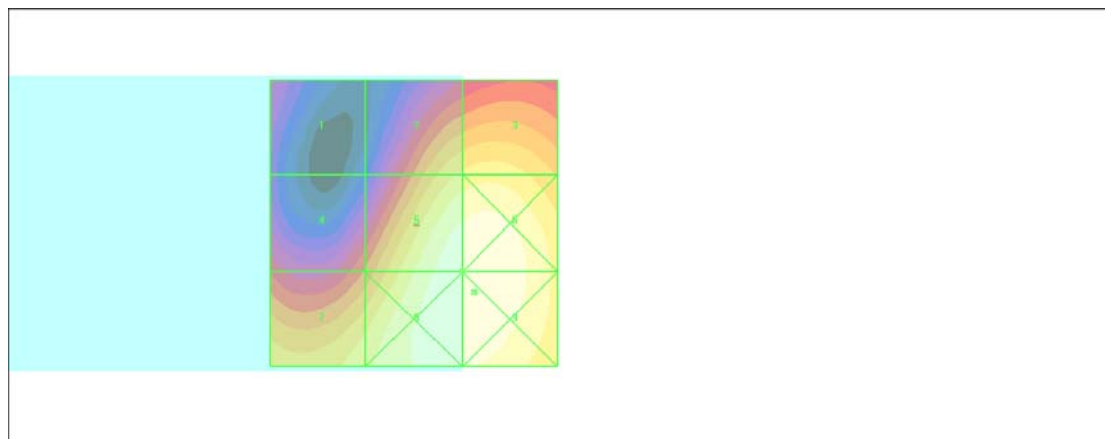
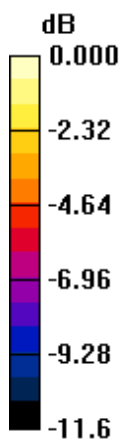
Grid 1 28.4 M4	Grid 2 48.1 M3	Grid 3 50.0 M3
Grid 4 36.7 M4	Grid 5 60.7 M3	Grid 6 61.3 M3
Grid 7 50.4 M3	Grid 8 61.4 M3	Grid 9 61.6 M3

Cursor:

Total = 61.6 V/m

E Category: M3

Location: -10.5, 12, 8.7 mm



0 dB = 61.6V/m

#03 HAC_E_GSM1900_Ch810**DUT: 121001**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH810/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 76.7 V/m

Probe Modulation Factor = 2.70

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 27.4 V/m; Power Drift = 0.040 dB

Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

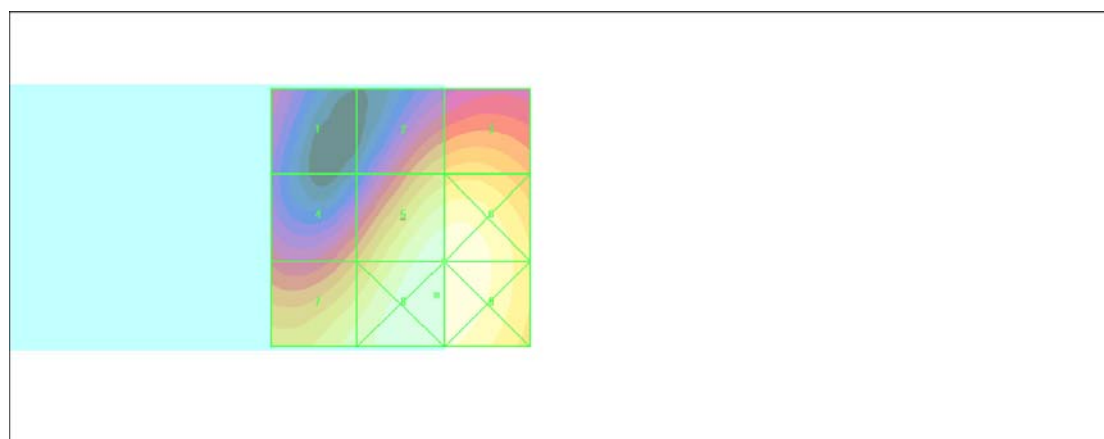
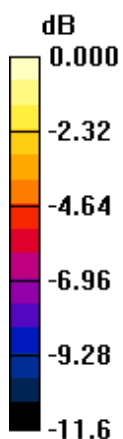
Grid 1	Grid 2	Grid 3
37.2 M4	56.0 M3	58.1 M3
Grid 4	Grid 5	Grid 6
50.3 M3	76.7 M3	76.9 M3
Grid 7	Grid 8	Grid 9
68.4 M3	78.2 M3	78.0 M3

Cursor:

Total = 78.2 V/m

E Category: M3

Location: -7, 15, 8.7 mm



0 dB = 78.2V/m

#07 HAC_E_WCDMA V_RMC12.2k_CH4182

DUT: 121001

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH4182/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 48.5 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 59.2 V/m; Power Drift = -0.073 dB

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

Peak E-field in V/m

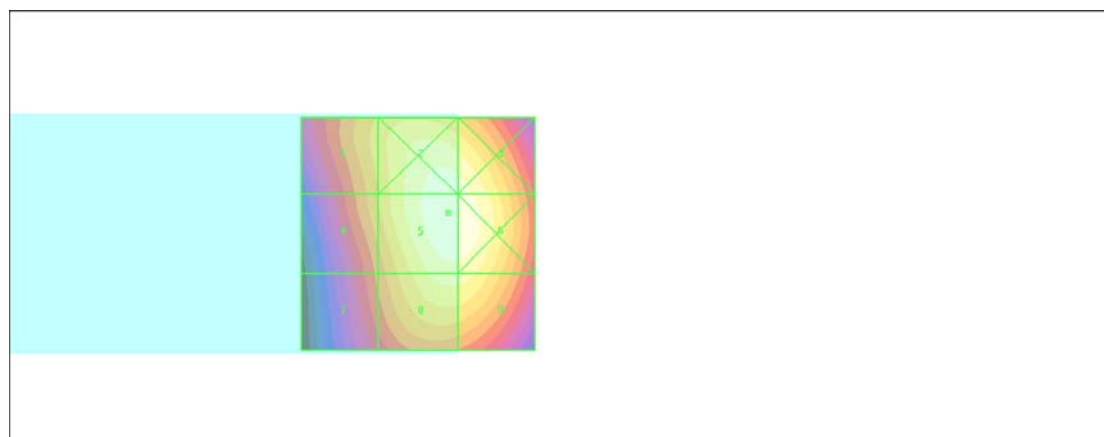
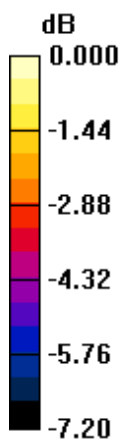
Grid 1	Grid 2	Grid 3
40.1 M4	47.8 M4	47.4 M4
Grid 4	Grid 5	Grid 6
38.9 M4	48.5 M4	48.3 M4
Grid 7	Grid 8	Grid 9
35.5 M4	44.8 M4	44.7 M4

Cursor:

Total = 48.5 V/m

E Category: M4

Location: -6.5, -4.5, 8.7 mm



0 dB = 48.5V/m

#08 HAC_E_WCDMA V_RMC12.2k_CH4132

DUT: 121001

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH4132/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 44.1 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 53.5 V/m; Power Drift = -0.021 dB

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

Peak E-field in V/m

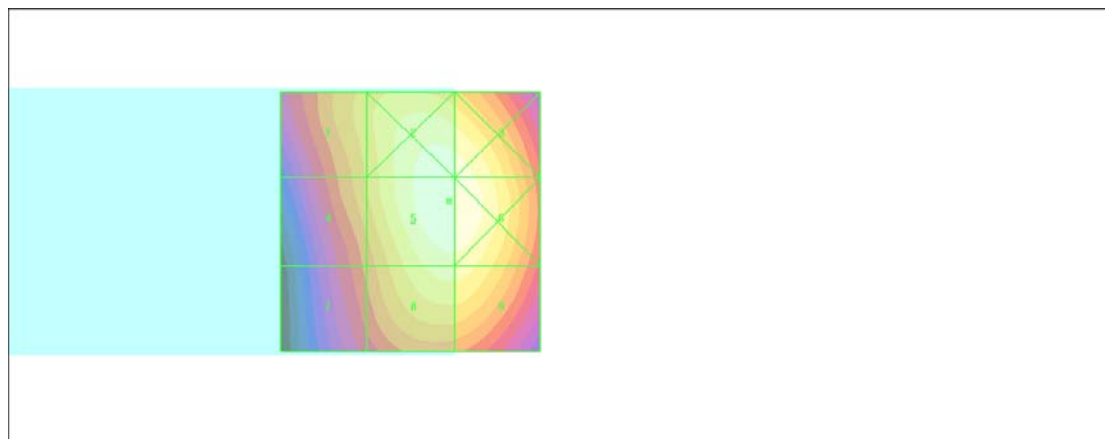
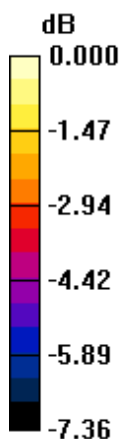
Grid 1 36.6 M4	Grid 2 43.5 M4	Grid 3 43.2 M4
Grid 4 35.3 M4	Grid 5 44.1 M4	Grid 6 44.0 M4
Grid 7 32.1 M4	Grid 8 40.7 M4	Grid 9 40.7 M4

Cursor:

Total = 44.1 V/m

E Category: M4

Location: -7.5, -4, 8.7 mm



0 dB = 44.1 V/m

#09 HAC_E_WCDMA V_RMC12.2k_CH4233

DUT: 121001

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH4233/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 50.6 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 62.4 V/m; Power Drift = -0.120 dB

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

Peak E-field in V/m

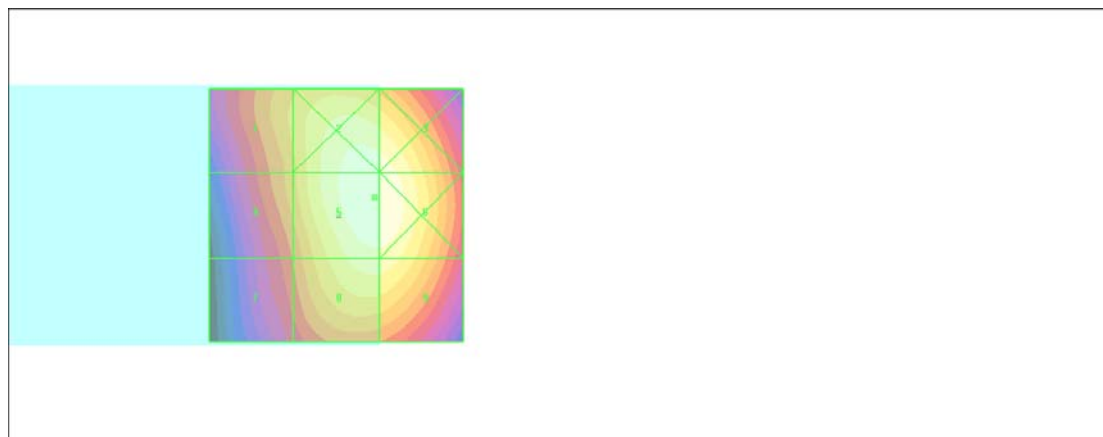
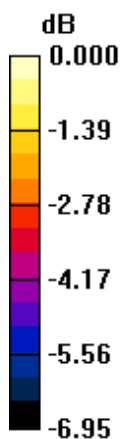
Grid 1	Grid 2	Grid 3
41.5 M4	49.8 M4	49.5 M4
Grid 4	Grid 5	Grid 6
40.3 M4	50.6 M4	50.6 M4
Grid 7	Grid 8	Grid 9
37.0 M4	47.1 M4	47.1 M4

Cursor:

Total = 50.6 V/m

E Category: M4

Location: -7.5, -3.5, 8.7 mm



0 dB = 50.6V/m

#10 HAC_E_WCDMA II_RMC12.2k_CH9400**DUT: 121001**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH9400/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 32.4 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 32.5 V/m; Power Drift = -0.030 dB

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

Peak E-field in V/m

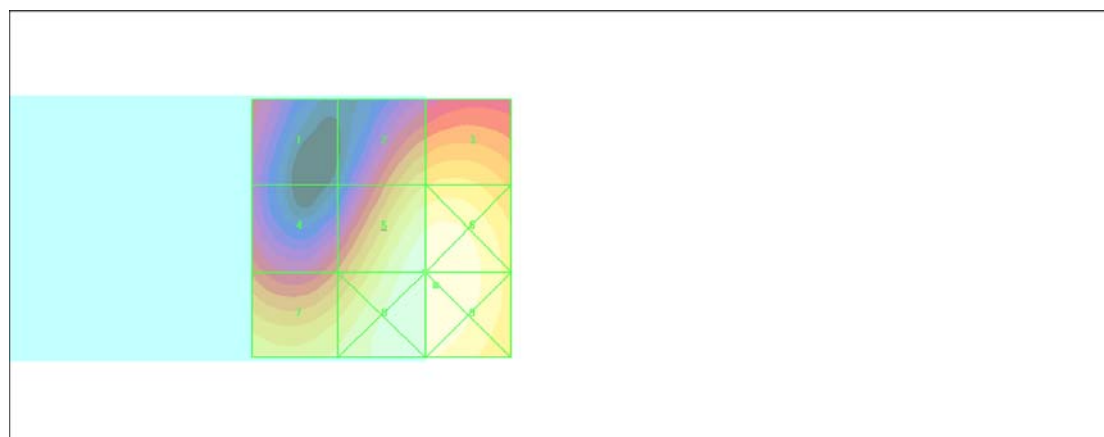
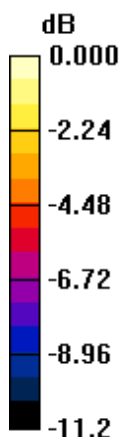
Grid 1 17.3 M4	Grid 2 25.1 M4	Grid 3 26.1 M4
Grid 4 19.9 M4	Grid 5 32.4 M4	Grid 6 32.7 M4
Grid 7 28.1 M4	Grid 8 32.7 M4	Grid 9 32.8 M4

Cursor:

Total = 32.8 V/m

E Category: M4

Location: -10.5, 11, 8.7 mm



0 dB = 32.8V/m

#11 HAC_E_WCDMA II_RMC12.2k_CH9262

DUT: 121001

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH9262/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 36.3 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 35.2 V/m; Power Drift = 0.116 dB

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

Peak E-field in V/m

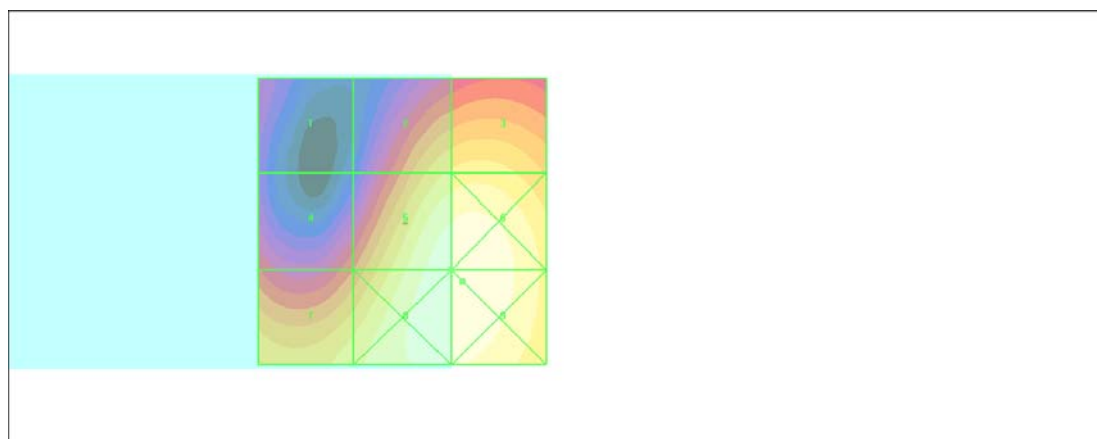
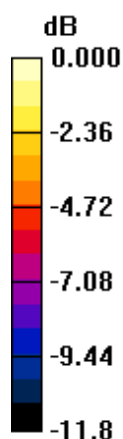
Grid 1 16.6 M4	Grid 2 28.6 M4	Grid 3 29.6 M4
Grid 4 21.5 M4	Grid 5 36.3 M4	Grid 6 36.7 M4
Grid 7 29.9 M4	Grid 8 36.6 M4	Grid 9 36.9 M4

Cursor:

Total = 36.9 V/m

E Category: M4

Location: -10.5, 10.5, 8.7 mm



0 dB = 36.9V/m

#12 HAC_E_WCDMA II_RMC12.2k_CH9538

DUT: 121001

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH9538/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 33.2 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 32.2 V/m; Power Drift = 0.013 dB

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

Peak E-field in V/m

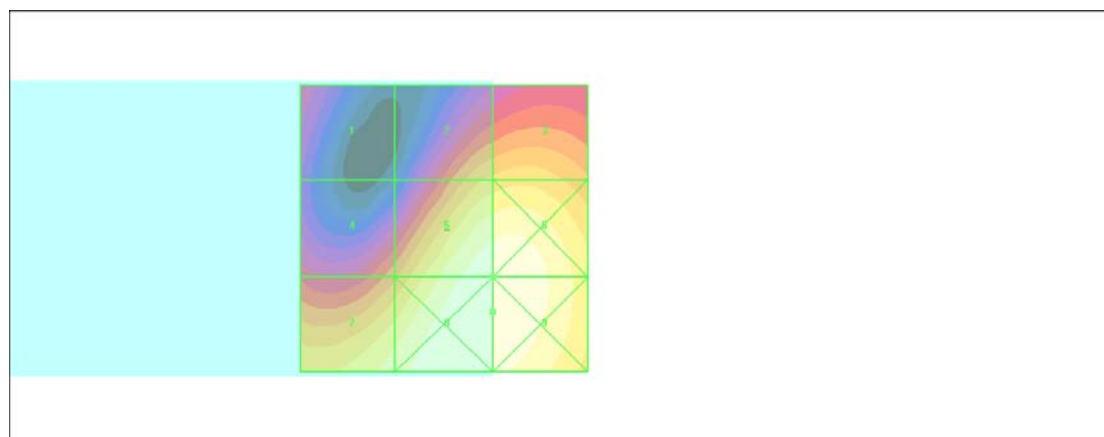
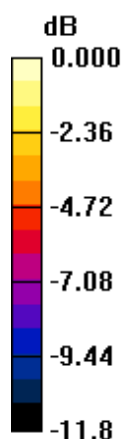
Grid 1 16.1 M4	Grid 2 24.1 M4	Grid 3 25.1 M4
Grid 4 21.2 M4	Grid 5 33.2 M4	Grid 6 33.3 M4
Grid 7 29.5 M4	Grid 8 33.8 M4	Grid 9 33.8 M4

Cursor:

Total = 33.8 V/m

E Category: M4

Location: -8.5, 14.5, 8.7 mm



0 dB = 33.8V/m

#16 HAC_H GSM850_Ch189

DUT: 121001

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH189/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.161 A/m

Probe Modulation Factor = 1.46

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.066 A/m; Power Drift = -0.013 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

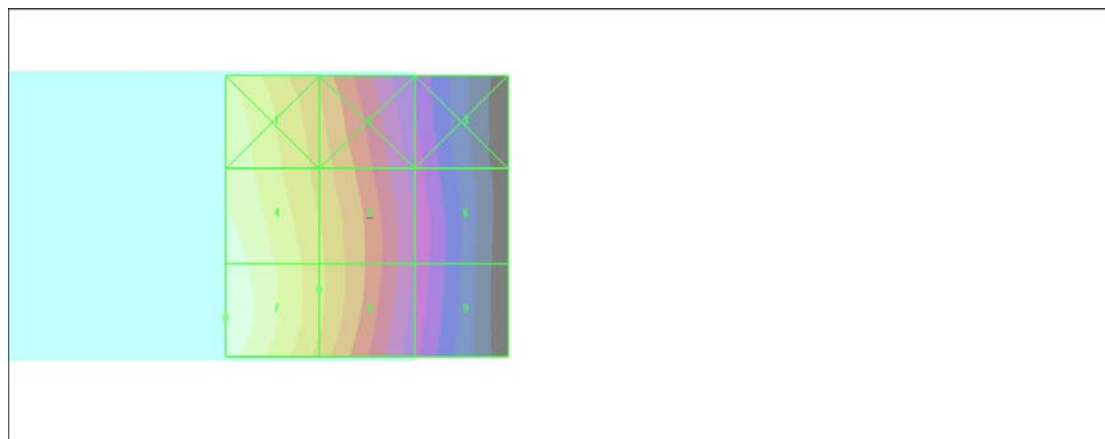
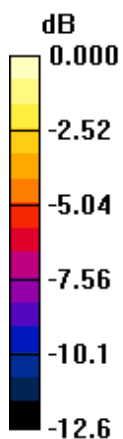
Grid 1 0.142 M4	Grid 2 0.106 M4	Grid 3 0.065 M4
Grid 4 0.156 M4	Grid 5 0.112 M4	Grid 6 0.068 M4
Grid 7 0.161 M4	Grid 8 0.113 M4	Grid 9 0.067 M4

Cursor:

Total = 0.161 A/m

H Category: M4

Location: 25, 18, 8.7 mm



0 dB = 0.161 A/m

#17 HAC_H GSM850_Ch128

DUT: 121001

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH128/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.151 A/m

Probe Modulation Factor = 1.46

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.060 A/m; Power Drift = 0.016 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

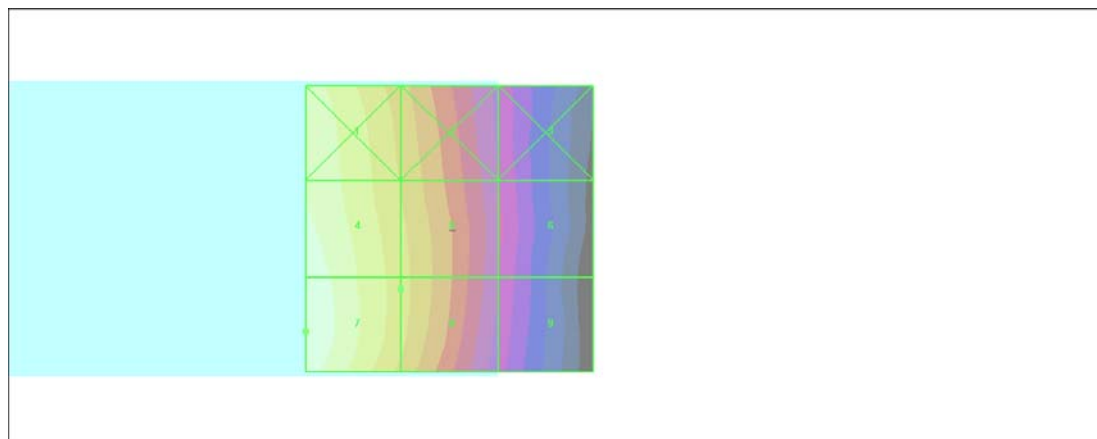
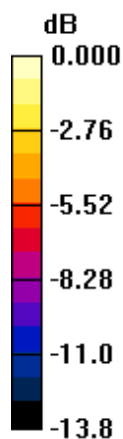
Grid 1 0.135 M4	Grid 2 0.098 M4	Grid 3 0.059 M4
Grid 4 0.146 M4	Grid 5 0.103 M4	Grid 6 0.060 M4
Grid 7 0.151 M4	Grid 8 0.103 M4	Grid 9 0.059 M4

Cursor:

Total = 0.151 A/m

H Category: M4

Location: 25, 18, 8.7 mm



#18 HAC_H GSM850_Ch251

DUT: 121001

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH251/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.174 A/m

Probe Modulation Factor = 1.46

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.072 A/m; Power Drift = 0.002 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

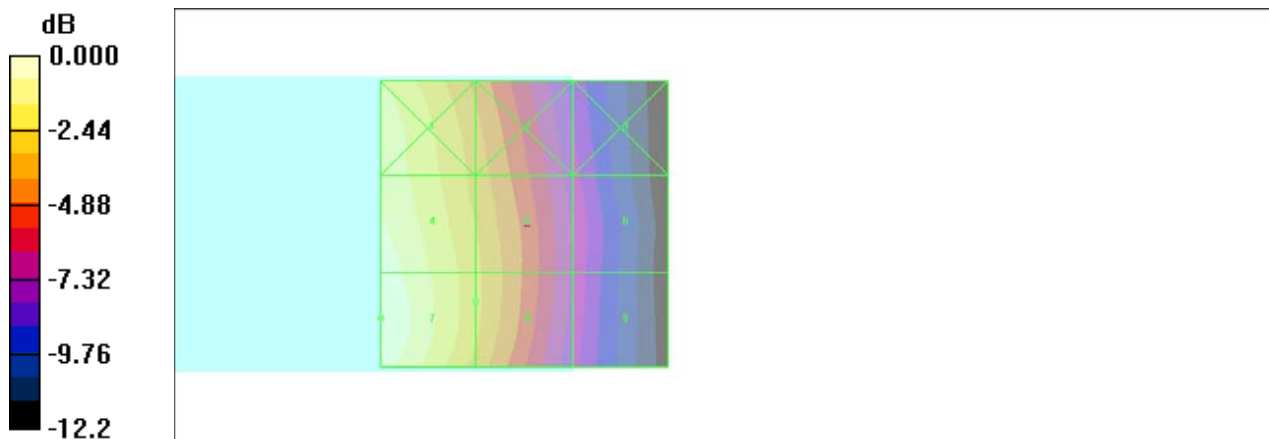
Grid 1 0.155 M4	Grid 2 0.116 M4	Grid 3 0.071 M4
Grid 4 0.169 M4	Grid 5 0.123 M4	Grid 6 0.075 M4
Grid 7 0.174 M4	Grid 8 0.123 M4	Grid 9 0.074 M4

Cursor:

Total = 0.174 A/m

H Category: M4

Location: 25, 16.5, 8.7 mm



#13 HAC_H GSM1900_Ch661

DUT: 121001

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH661/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.103 A/m

Probe Modulation Factor = 1.28

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.075 A/m; Power Drift = 0.054 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

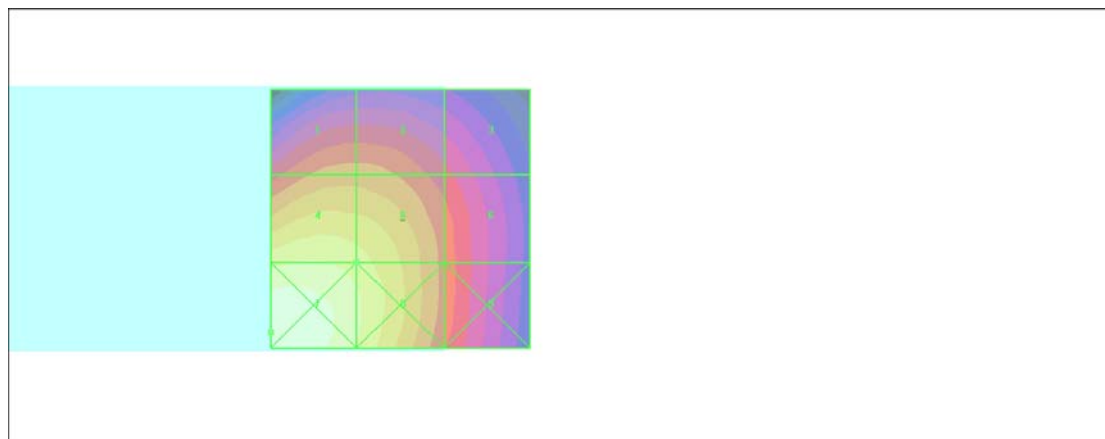
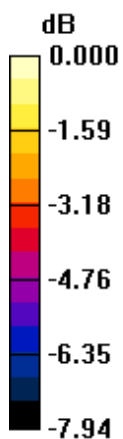
Grid 1 0.083 M4	Grid 2 0.083 M4	Grid 3 0.073 M4
Grid 4 0.103 M4	Grid 5 0.100 M4	Grid 6 0.079 M4
Grid 7 0.116 M4	Grid 8 0.104 M4	Grid 9 0.079 M4

Cursor:

Total = 0.116 A/m

H Category: M4

Location: 25, 22, 8.7 mm



0 dB = 0.116 A/m

#14 HAC_H GSM1900_Ch512**DUT: 121001**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH512/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.093 A/m

Probe Modulation Factor = 1.28

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.066 A/m; Power Drift = -0.058 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

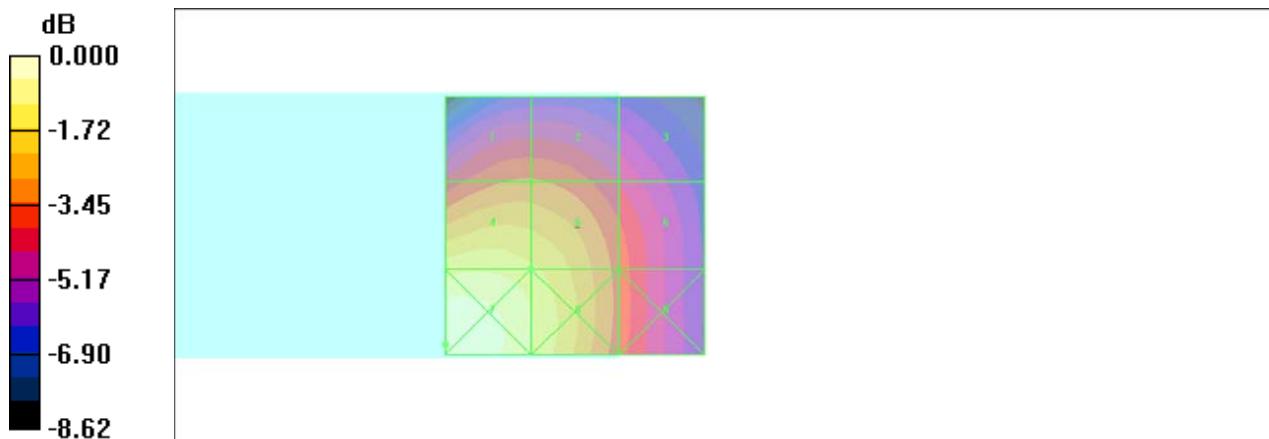
Grid 1 0.073 M4	Grid 2 0.073 M4	Grid 3 0.063 M4
Grid 4 0.093 M4	Grid 5 0.089 M4	Grid 6 0.070 M4
Grid 7 0.107 M4	Grid 8 0.094 M4	Grid 9 0.071 M4

Cursor:

Total = 0.107 A/m

H Category: M4

Location: 25, 23, 8.7 mm



0 dB = 0.107 A/m

#15 HAC_H GSM1900_Ch810

DUT: 121001

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH810/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.113 A/m

Probe Modulation Factor = 1.28

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.082 A/m; Power Drift = 0.003 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

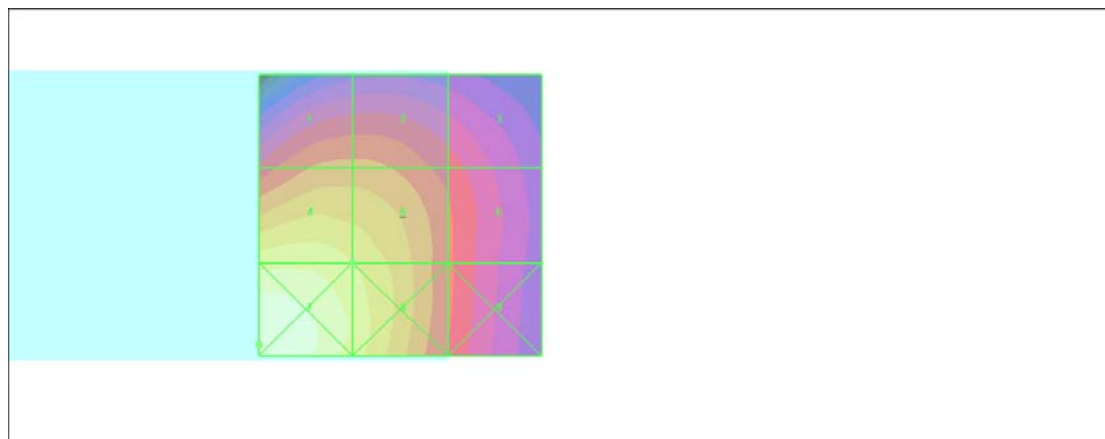
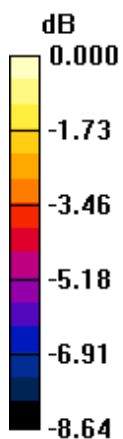
Grid 1 0.090 M4	Grid 2 0.090 M4	Grid 3 0.080 M4
Grid 4 0.113 M4	Grid 5 0.108 M4	Grid 6 0.084 M4
Grid 7 0.131 M4	Grid 8 0.113 M4	Grid 9 0.084 M4

Cursor:

Total = 0.131 A/m

H Category: M4

Location: 25, 23, 8.7 mm



0 dB = 0.131 A/m

#19 HAC_H WCDMA V_RMC12.2K_Ch4182**DUT: 121001**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH4182/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.087 A/m

Probe Modulation Factor = 0.830

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.064 A/m; Power Drift = -0.046 dB

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

Peak H-field in A/m

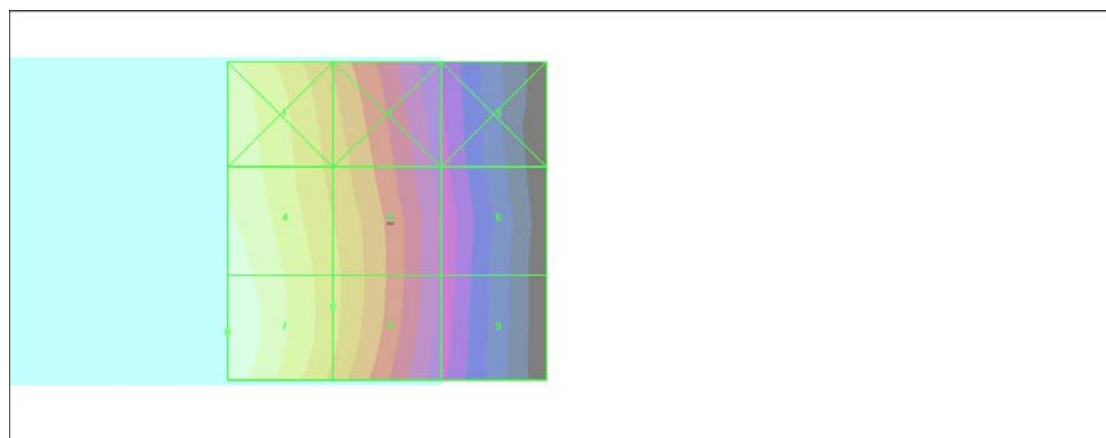
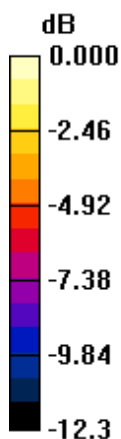
Grid 1 0.078 M4	Grid 2 0.058 M4	Grid 3 0.036 M4
Grid 4 0.084 M4	Grid 5 0.061 M4	Grid 6 0.037 M4
Grid 7 0.087 M4	Grid 8 0.062 M4	Grid 9 0.037 M4

Cursor:

Total = 0.087 A/m

H Category: M4

Location: 25, 17.5, 8.7 mm



0 dB = 0.087A/m

#20 HAC_H WCDMA V_RMC12.2K_Ch4132**DUT: 121001**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH4132/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.076 A/m

Probe Modulation Factor = 0.830

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.055 A/m; Power Drift = -0.020 dB

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

Peak H-field in A/m

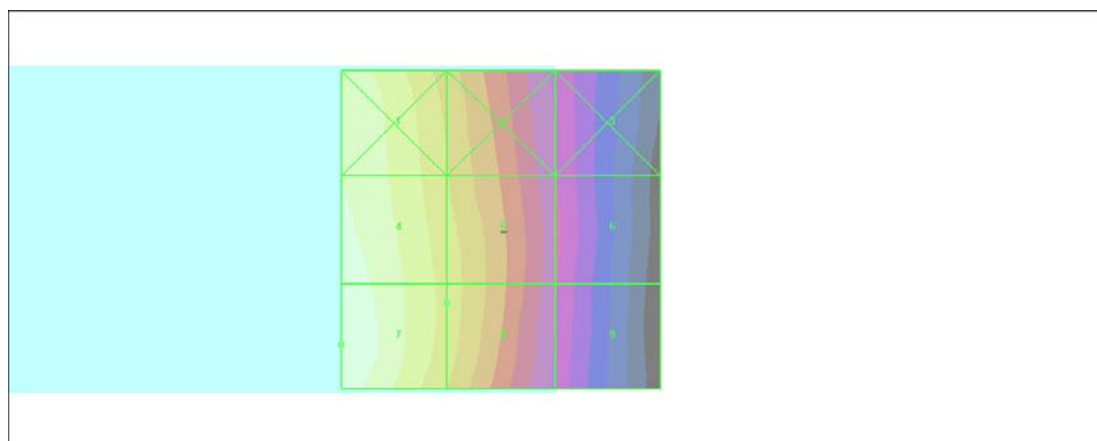
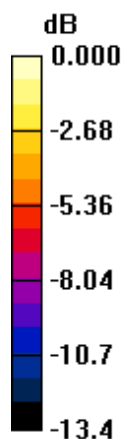
Grid 1 0.069 M4	Grid 2 0.051 M4	Grid 3 0.031 M4
Grid 4 0.074 M4	Grid 5 0.054 M4	Grid 6 0.031 M4
Grid 7 0.076 M4	Grid 8 0.054 M4	Grid 9 0.031 M4

Cursor:

Total = 0.076 A/m

H Category: M4

Location: 25, 18, 8.7 mm



0 dB = 0.076A/m

#21 HAC_H WCDMA V_RMC12.2K_Ch4233

DUT: 121001

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH4233/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.091 A/m

Probe Modulation Factor = 0.830

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.068 A/m; Power Drift = -0.018 dB

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

Peak H-field in A/m

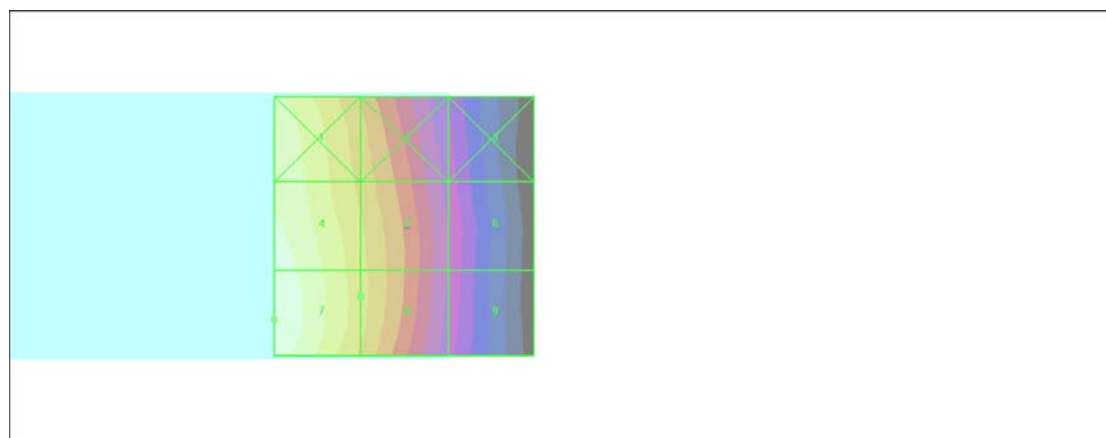
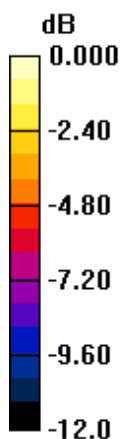
Grid 1 0.082 M4	Grid 2 0.062 M4	Grid 3 0.038 M4
Grid 4 0.089 M4	Grid 5 0.065 M4	Grid 6 0.040 M4
Grid 7 0.091 M4	Grid 8 0.065 M4	Grid 9 0.040 M4

Cursor:

Total = 0.091 A/m

H Category: M4

Location: 25, 18, 8.7 mm



0 dB = 0.091A/m

#22 HAC_H WCDMA II_RMC12.2K_Ch9400**DUT: 121001**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH9400/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.054 A/m

Probe Modulation Factor = 0.520

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.099 A/m; Power Drift = 0.064 dB

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

Peak H-field in A/m

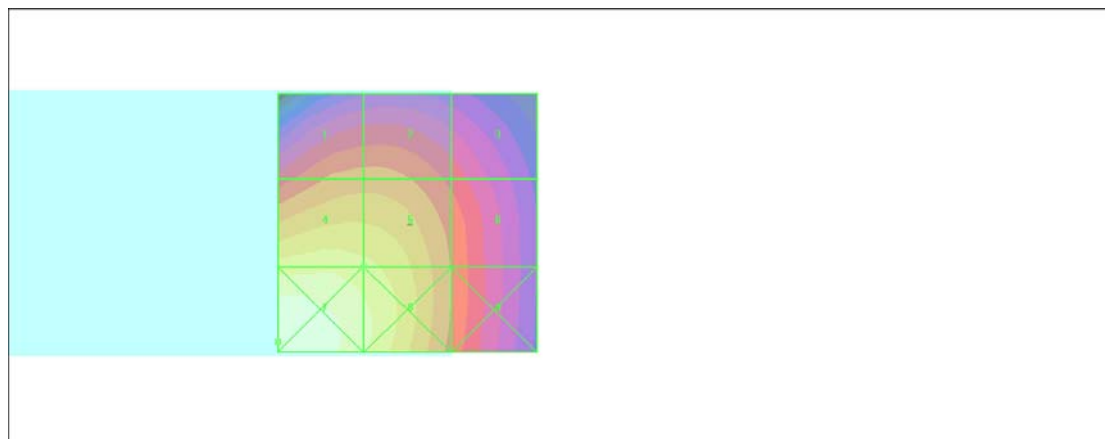
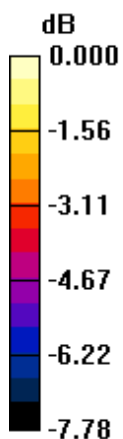
Grid 1 0.045 M4	Grid 2 0.045 M4	Grid 3 0.040 M4
Grid 4 0.054 M4	Grid 5 0.053 M4	Grid 6 0.043 M4
Grid 7 0.062 M4	Grid 8 0.056 M4	Grid 9 0.043 M4

Cursor:

Total = 0.062 A/m

H Category: M4

Location: 25, 23, 8.7 mm



0 dB = 0.062A/m

#23 HAC_H WCDMA II_RMC12.2K_Ch9262

DUT: 121001

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

CH9262/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.060 A/m

Probe Modulation Factor = 0.520

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.105 A/m; Power Drift = -0.008 dB

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

Peak H-field in A/m

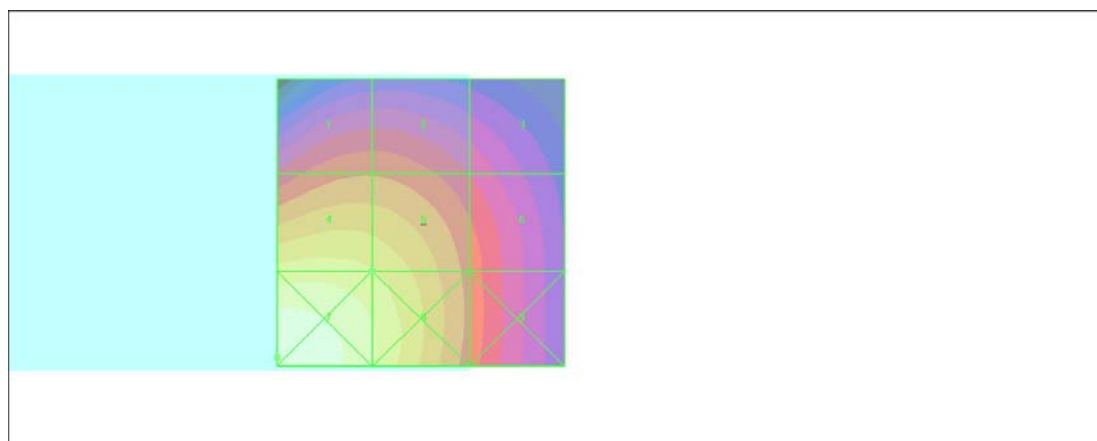
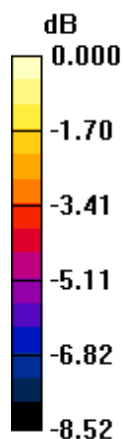
Grid 1 0.047 M4	Grid 2 0.047 M4	Grid 3 0.042 M4
Grid 4 0.060 M4	Grid 5 0.058 M4	Grid 6 0.046 M4
Grid 7 0.070 M4	Grid 8 0.062 M4	Grid 9 0.047 M4

Cursor:

Total = 0.070 A/m

H Category: M4

Location: 25, 23.5, 8.7 mm



0 dB = 0.070 A/m

#24 HAC_H WCDMA II_RMC12.2K_Ch9538**DUT: 121001**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 22.4 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch9538/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.051 A/m

Probe Modulation Factor = 0.520

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.093 A/m; Power Drift = -0.027 dB

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

Peak H-field in A/m

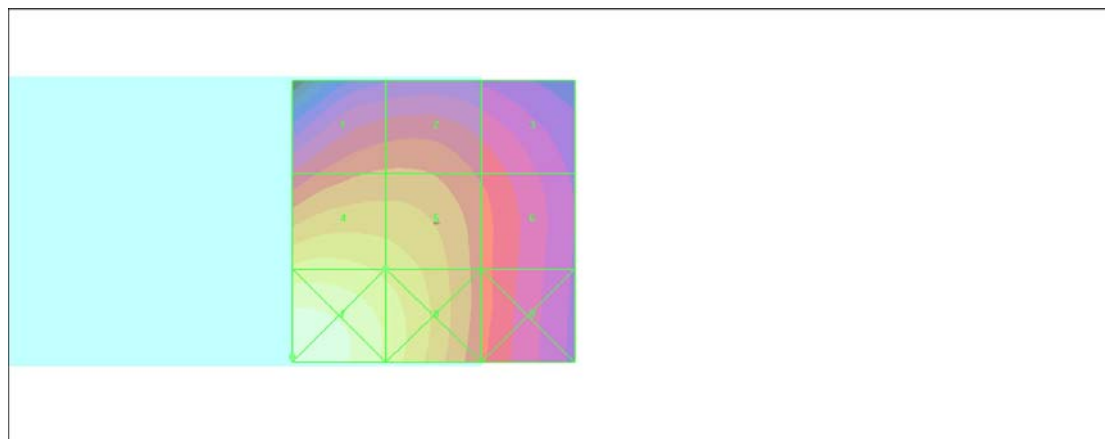
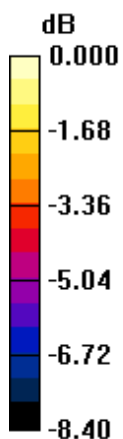
Grid 1 0.041 M4	Grid 2 0.041 M4	Grid 3 0.038 M4
Grid 4 0.051 M4	Grid 5 0.049 M4	Grid 6 0.039 M4
Grid 7 0.060 M4	Grid 8 0.052 M4	Grid 9 0.040 M4

Cursor:

Total = 0.060 A/m

H Category: M4

Location: 25, 24, 8.7 mm



0 dB = 0.060 A/m