

#07 HAC_E_GSM850_Ch128

DUT: 1D0154

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 : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- 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

Ch128/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 189.0 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 94.5 V/m; Power Drift = 0.004 dB

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

Peak E-field in V/m

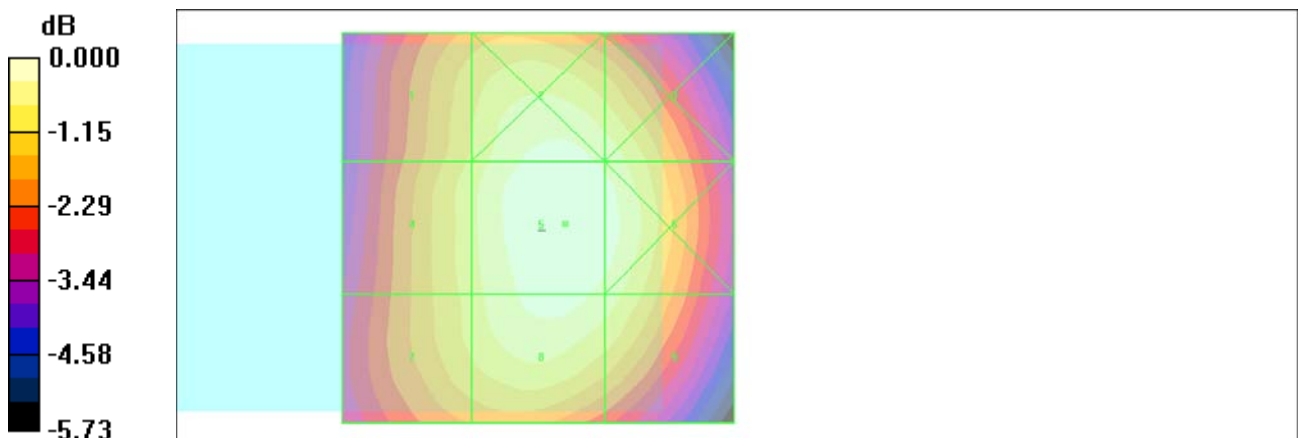
Grid 1 167.4 M3	Grid 2 184.2 M3	Grid 3 179.2 M3
Grid 4 171.3 M3	Grid 5 189.0 M3	Grid 6 185.0 M3
Grid 7 169.4 M3	Grid 8 183.9 M3	Grid 9 178.0 M3

Cursor:

Total = 189.0 V/m

E Category: M3

Location: -3.5, -0.5, 8.7 mm



0 dB = 189.0V/m

#08 HAC_E_GSM850_Ch189

DUT: 1D0154

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 : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- 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

Ch661/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 197.4 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 98.0 V/m; Power Drift = -0.006 dB

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

Peak E-field in V/m

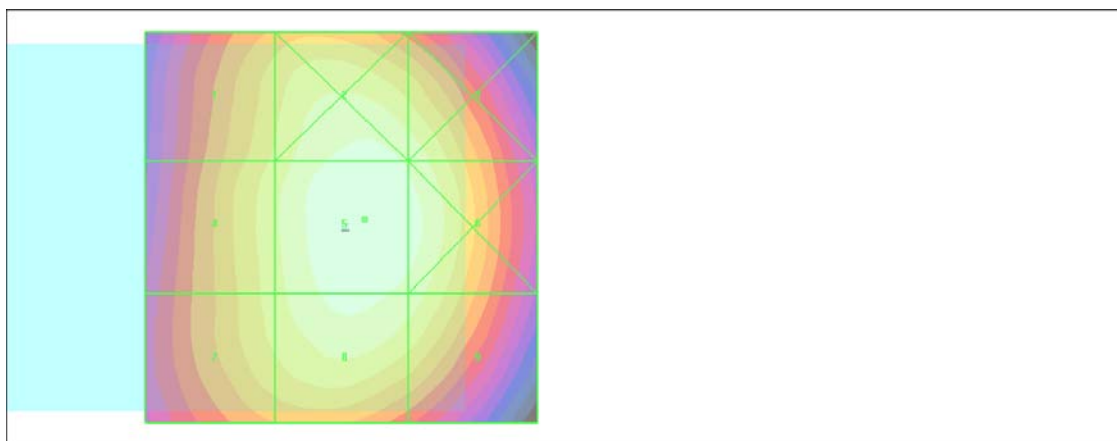
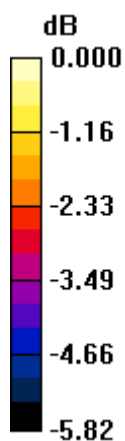
Grid 1 174.6 M3	Grid 2 192.5 M3	Grid 3 187.3 M3
Grid 4 179.1 M3	Grid 5 197.4 M3	Grid 6 192.9 M3
Grid 7 177.1 M3	Grid 8 191.8 M3	Grid 9 185.7 M3

Cursor:

Total = 197.4 V/m

E Category: M3

Location: -3, -1, 8.7 mm



0 dB = 197.4V/m

#09 HAC_E_GSM850_Ch251

DUT: 1D0154

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 : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- 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

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

Maximum value of peak Total field = 215.3 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 106.4 V/m; Power Drift = 0.039 dB

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

Peak E-field in V/m

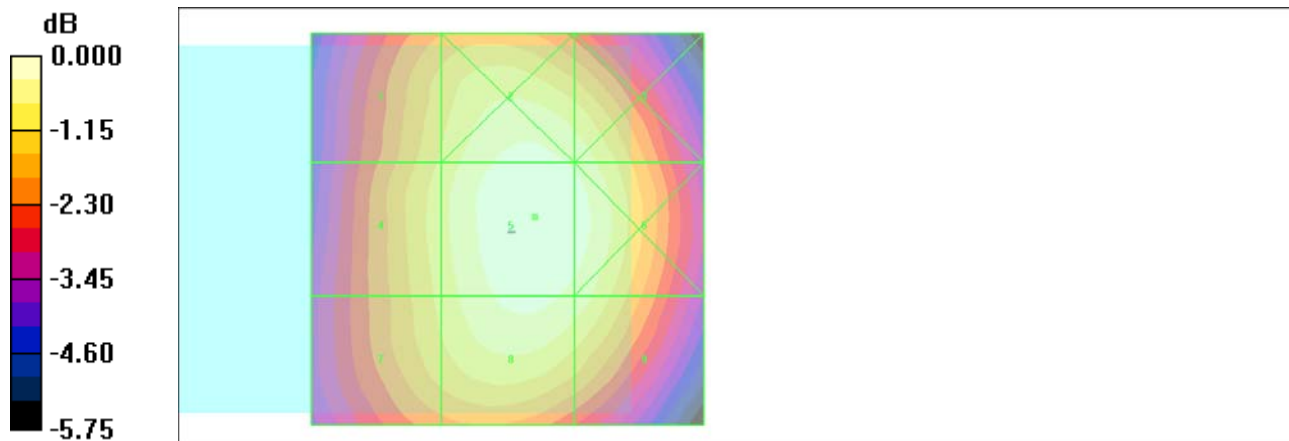
Grid 1 190.2 M3	Grid 2 209.7 M3	Grid 3 204.4 M3
Grid 4 194.4 M3	Grid 5 215.3 M3	Grid 6 211.1 M3
Grid 7 191.3 M3	Grid 8 208.8 M3	Grid 9 203.0 M3

Cursor:

Total = 215.3 V/m

E Category: M3

Location: -3.5, -1.5, 8.7 mm



0 dB = 215.3V/m

#01 HAC_E_GSM1900_Ch512

DUT: 1D0154

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 : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- 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

Ch512/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 43.4 V/m

Probe Modulation Factor = 2.67

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 16.4 V/m; Power Drift = 0.045 dB

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

Peak E-field in V/m

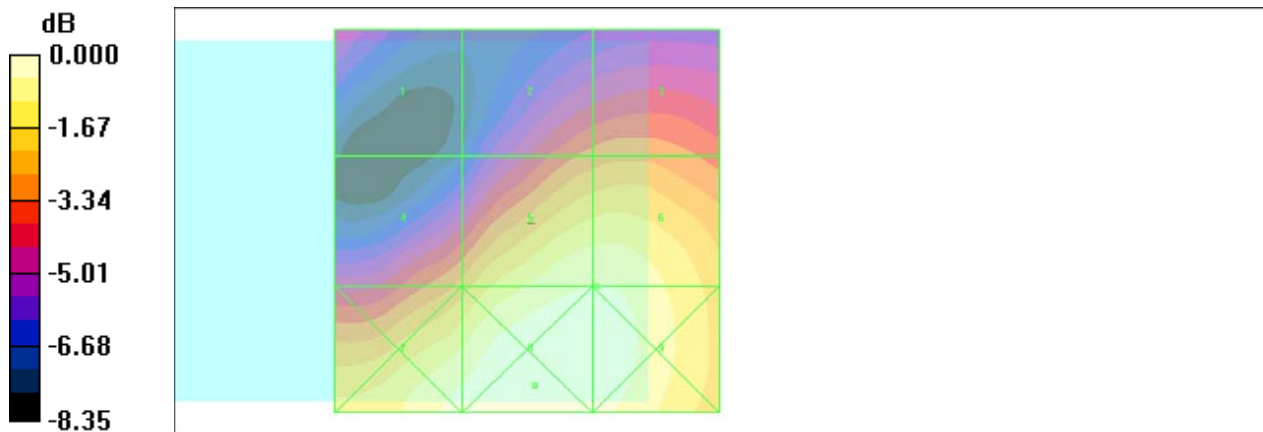
Grid 1	Grid 2	Grid 3
26.1 M4	32.3 M4	33.1 M4
Grid 4	Grid 5	Grid 6
34.4 M4	43.4 M4	43.4 M4
Grid 7	Grid 8	Grid 9
44.4 M4	46.1 M4	45.3 M4

Cursor:

Total = 46.1 V/m

E Category: M4

Location: -1, 21.5, 8.7 mm



0 dB = 46.1V/m

#02 HAC_E_GSM1900_Ch661

DUT: 1D0154

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 : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- 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

Ch661/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 48.0 V/m

Probe Modulation Factor = 2.67

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 18.3 V/m; Power Drift = 0.008 dB

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

Peak E-field in V/m

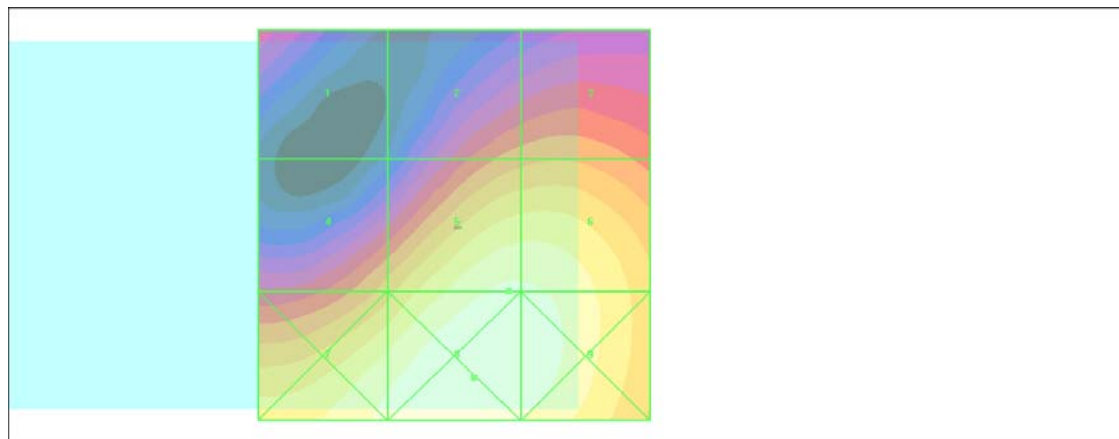
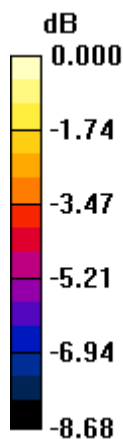
Grid 1 28.8 M4	Grid 2 35.3 M4	Grid 3 36.1 M4
Grid 4 37.7 M4	Grid 5 48.0 M3	Grid 6 47.9 M3
Grid 7 48.1 M3	Grid 8 50.6 M3	Grid 9 49.7 M3

Cursor:

Total = 50.6 V/m

E Category: M3

Location: -2.5, 19.5, 8.7 mm



0 dB = 50.6V/m

#03 HAC_E_GSM1900_Ch810

DUT: 1D0154

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 : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14

- 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

Ch810/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 47.9 V/m

Probe Modulation Factor = 2.67

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 18.0 V/m; Power Drift = 0.120 dB

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

Peak E-field in V/m

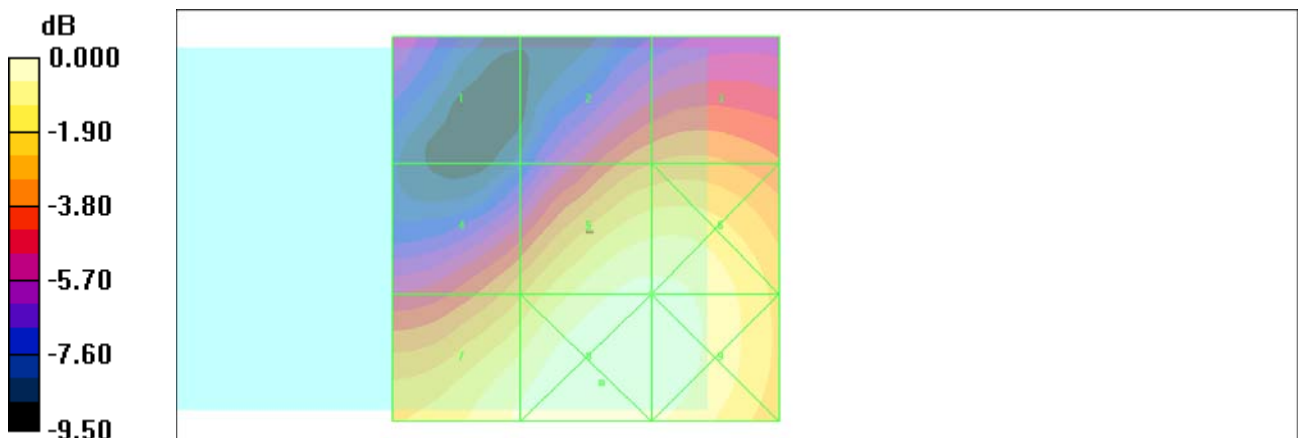
Grid 1 26.1 M4	Grid 2 34.9 M4	Grid 3 35.8 M4
Grid 4 37.1 M4	Grid 5 47.9 M3	Grid 6 47.9 M3
Grid 7 47.3 M3	Grid 8 50.2 M3	Grid 9 49.6 M3

Cursor:

Total = 50.2 V/m

E Category: M3

Location: -2, 20, 8.7 mm



0 dB = 50.2V/m

#19 HAC_E_WCDMA V_RMC12.2k_Ch4132

DUT: 1D0154

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 : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- 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

Ch4132/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 79.5 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 106.4 V/m; Power Drift = -0.082 dB

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

Peak E-field in V/m

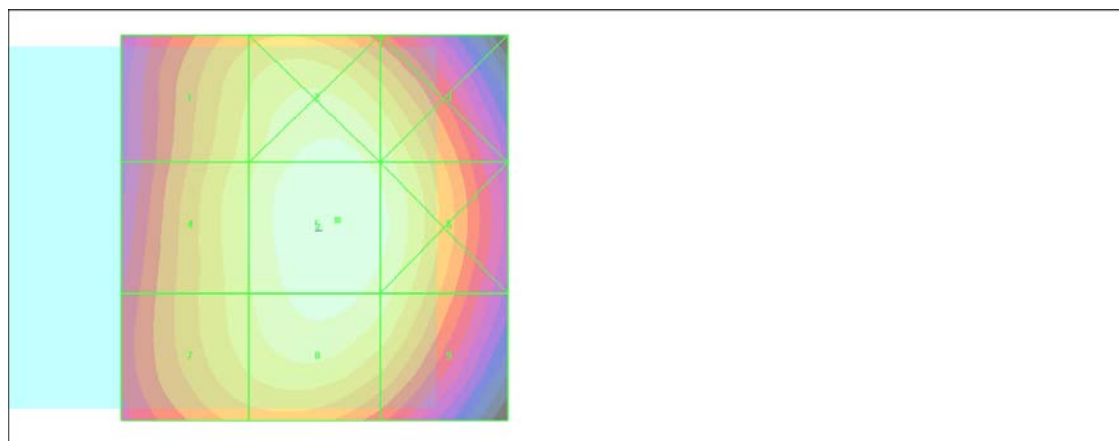
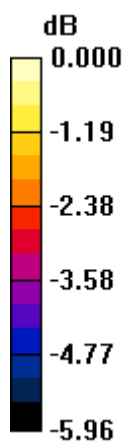
Grid 1 71.5 M4	Grid 2 77.6 M4	Grid 3 74.5 M4
Grid 4 73.0 M4	Grid 5 79.5 M4	Grid 6 77.1 M4
Grid 7 72.2 M4	Grid 8 77.4 M4	Grid 9 74.2 M4

Cursor:

Total = 79.5 V/m

E Category: M4

Location: -3, -1, 8.7 mm



0 dB = 79.5V/m

#20 HAC_E_WCDMA V_RMC12.2k_Ch4182

DUT: 1D0154

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 : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- 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

Ch4182/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 64.7 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 85.8 V/m; Power Drift = 0.078 dB

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

Peak E-field in V/m

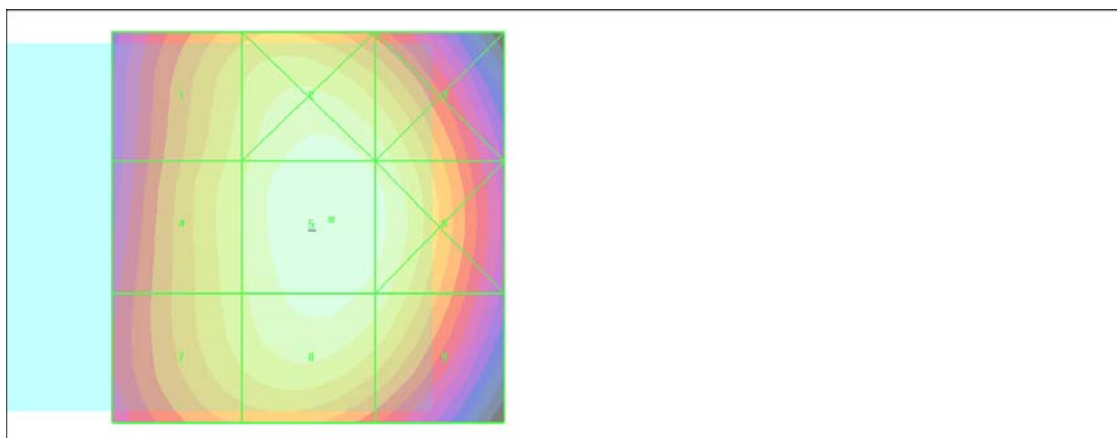
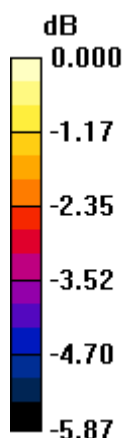
Grid 1 58.2 M4	Grid 2 63.2 M4	Grid 3 61.0 M4
Grid 4 59.3 M4	Grid 5 64.7 M4	Grid 6 63.0 M4
Grid 7 58.6 M4	Grid 8 62.9 M4	Grid 9 60.6 M4

Cursor:

Total = 64.7 V/m

E Category: M4

Location: -3, -1, 8.7 mm



0 dB = 64.7V/m

#21 HAC_E_WCDMA V_RMC12.2k_Ch4233

DUT: 1D0154

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 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

Ch4233/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 81.1 V/m
 Probe Modulation Factor = 0.980
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 108.1 V/m; Power Drift = 0.012 dB

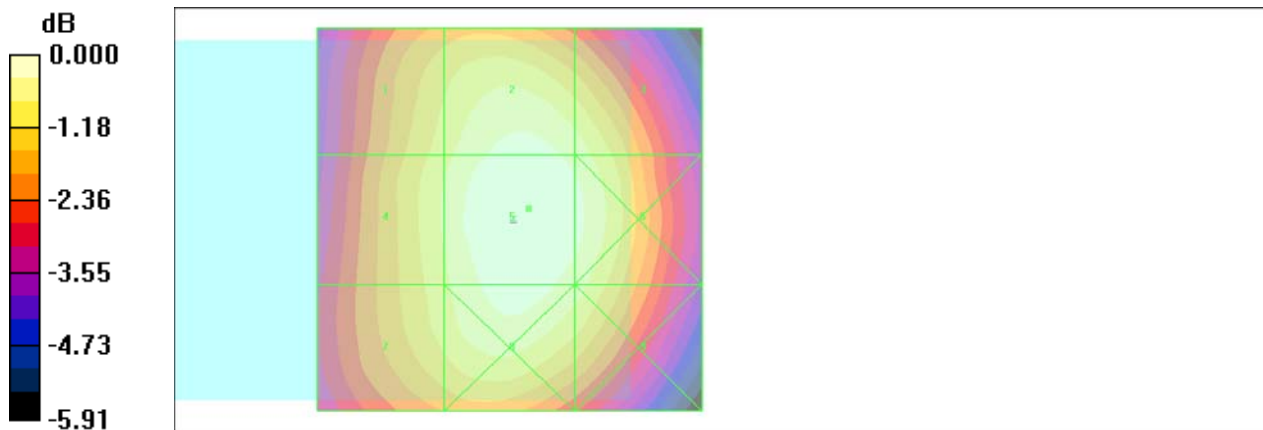
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
72.9 M4	79.0 M4	76.2 M4
Grid 4	Grid 5	Grid 6
74.6 M4	81.1 M4	78.7 M4
Grid 7	Grid 8	Grid 9
73.3 M4	79.1 M4	75.7 M4

Cursor:

Total = 81.1 V/m
 E Category: M4
 Location: -2.5, -1.5, 8.7 mm



0 dB = 81.1V/m

#13 HAC_E_WCDMA II_RMC12.2k_Ch9262

DUT: 1D0154

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 : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- 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

Ch9262/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 22.7 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 23.4 V/m; Power Drift = -0.031 dB

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

Peak E-field in V/m

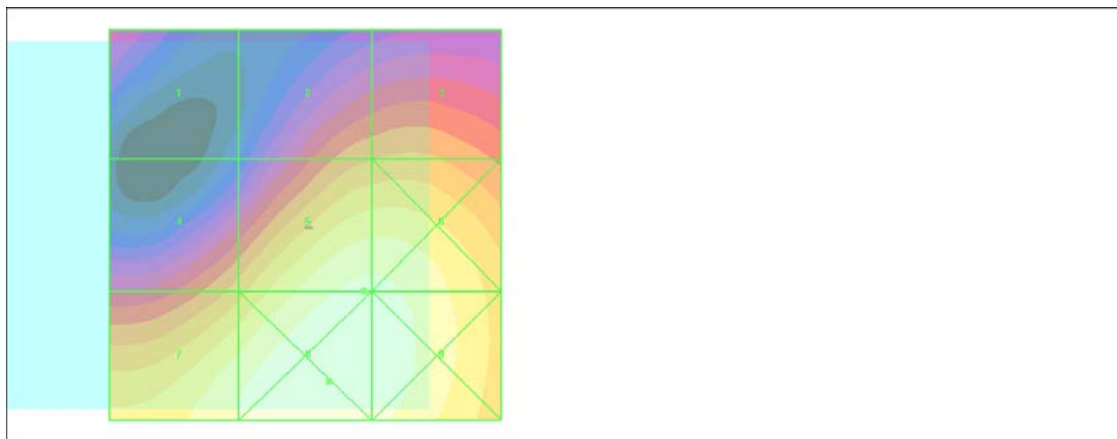
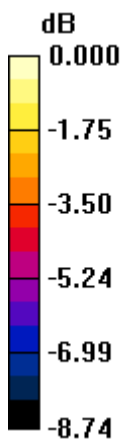
Grid 1 13.4 M4	Grid 2 17.1 M4	Grid 3 17.4 M4
Grid 4 17.8 M4	Grid 5 22.7 M4	Grid 6 22.7 M4
Grid 7 22.5 M4	Grid 8 23.9 M4	Grid 9 23.5 M4

Cursor:

Total = 23.9 V/m

E Category: M4

Location: -3, 20, 8.7 mm



0 dB = 23.9V/m

#14 HAC_E_WCDMA II_RMC12.2k_Ch9400

DUT: 1D0154

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 : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- 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

Ch9400/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 25.2 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 27.3 V/m; Power Drift = 0.012 dB

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

Peak E-field in V/m

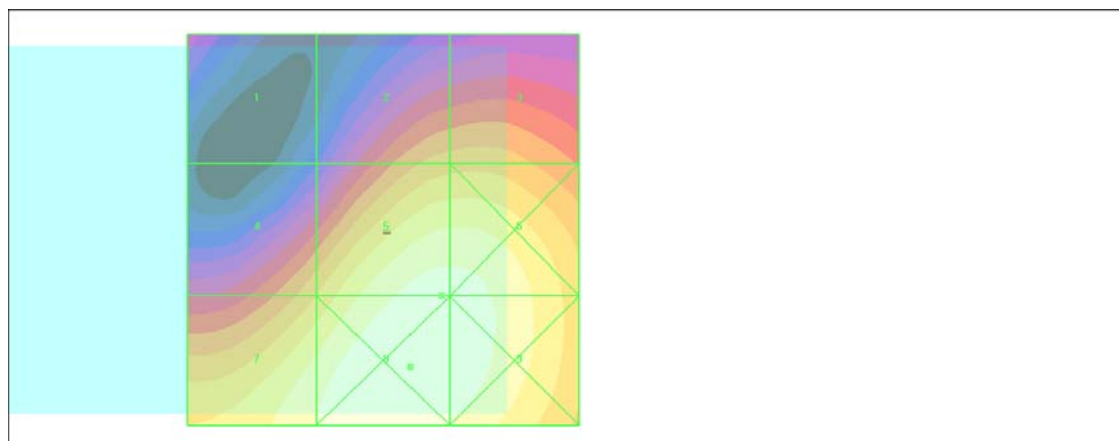
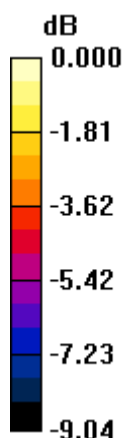
Grid 1 13.7 M4	Grid 2 19.2 M4	Grid 3 19.4 M4
Grid 4 19.8 M4	Grid 5 25.2 M4	Grid 6 25.2 M4
Grid 7 24.3 M4	Grid 8 26.1 M4	Grid 9 25.7 M4

Cursor:

Total = 26.1 V/m

E Category: M4

Location: -3.5, 17.5, 8.7 mm



0 dB = 26.1V/m

#15 HAC_E_WCDMA II_RMC12.2k_Ch9538

DUT: 1D0154

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 : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- 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

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

Maximum value of peak Total field = 25.4 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 27.1 V/m; Power Drift = 0.081 dB

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

Peak E-field in V/m

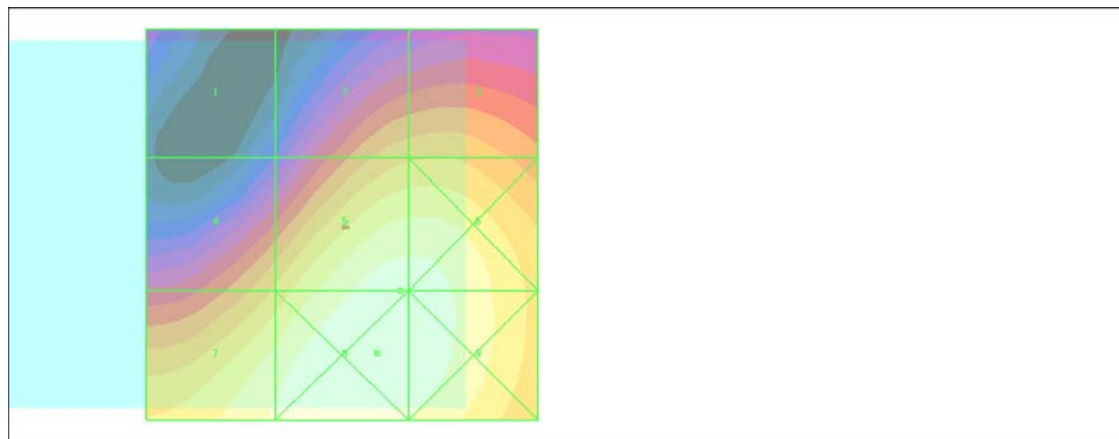
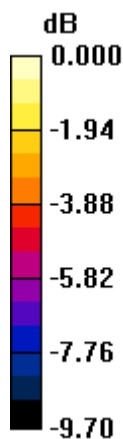
Grid 1 12.2 M4	Grid 2 19.2 M4	Grid 3 19.5 M4
Grid 4 19.7 M4	Grid 5 25.4 M4	Grid 6 25.3 M4
Grid 7 24.5 M4	Grid 8 26.2 M4	Grid 9 25.8 M4

Cursor:

Total = 26.2 V/m

E Category: M4

Location: -4.5, 16.5, 8.7 mm



0 dB = 26.2V/m

#10 HAC_H_GSM850_Ch128

DUT: 1D0154

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 : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- 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

Ch128/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.402 A/m

Probe Modulation Factor = 2.54

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.088 A/m; Power Drift = -0.106 dB

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

Peak H-field in A/m

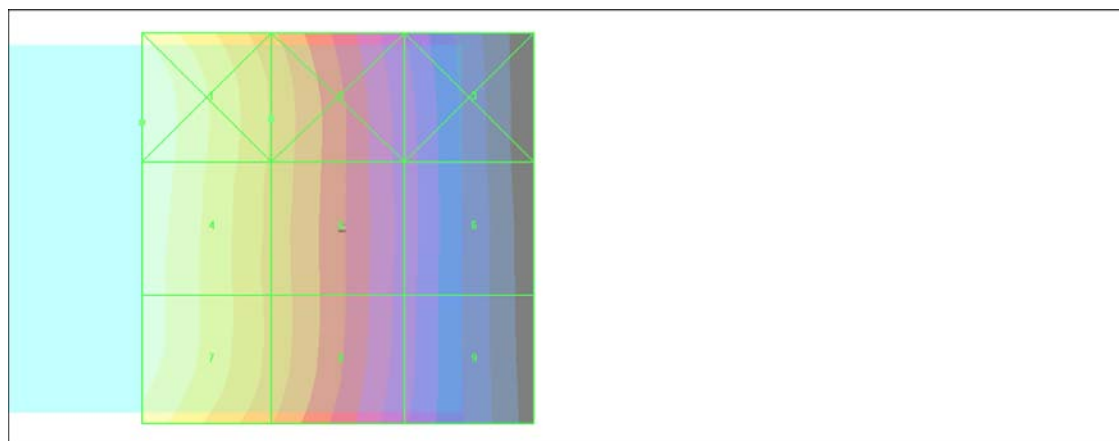
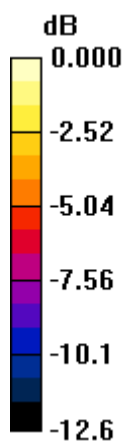
Grid 1 0.406 M4	Grid 2 0.274 M4	Grid 3 0.163 M4
Grid 4 0.402 M4	Grid 5 0.272 M4	Grid 6 0.164 M4
Grid 7 0.393 M4	Grid 8 0.270 M4	Grid 9 0.162 M4

Cursor:

Total = 0.406 A/m

H Category: M4

Location: 25, -13.5, 8.7 mm



0 dB = 0.406A/m

#11 HAC_H_GSM850_Ch189

DUT: 1D0154

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 : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- 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

Ch189/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.407 A/m

Probe Modulation Factor = 2.54

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.088 A/m; Power Drift = -0.010 dB

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

Peak H-field in A/m

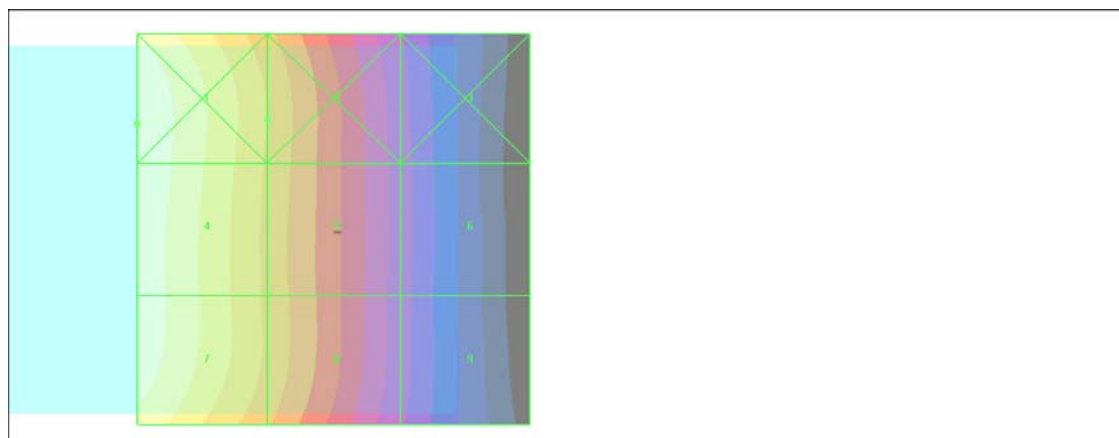
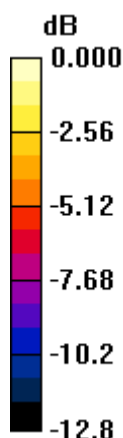
Grid 1 0.410 M4	Grid 2 0.277 M4	Grid 3 0.162 M4
Grid 4 0.407 M4	Grid 5 0.274 M4	Grid 6 0.163 M4
Grid 7 0.400 M4	Grid 8 0.274 M4	Grid 9 0.162 M4

Cursor:

Total = 0.410 A/m

H Category: M4

Location: 25, -13.5, 8.7 mm



0 dB = 0.410A/m

#12 HAC_H_GSM850_Ch251

DUT: 1D0154

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 : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- 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

Ch251/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.445 A/m

Probe Modulation Factor = 2.54

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.096 A/m; Power Drift = 0.052 dB

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

Peak H-field in A/m

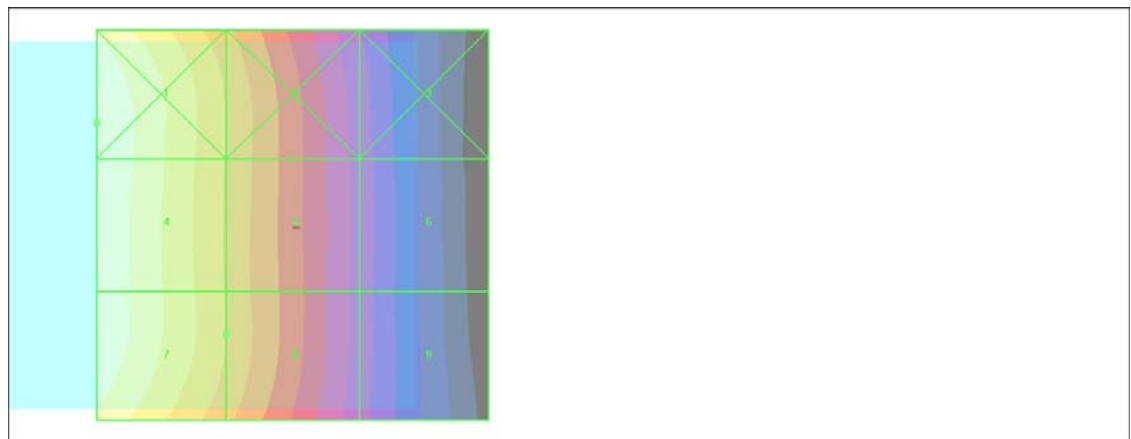
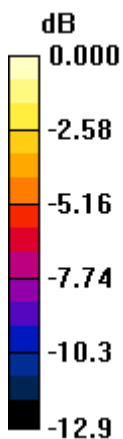
Grid 1 0.446 M4	Grid 2 0.301 M4	Grid 3 0.176 M4
Grid 4 0.445 M4	Grid 5 0.300 M4	Grid 6 0.178 M4
Grid 7 0.438 M4	Grid 8 0.301 M4	Grid 9 0.176 M4

Cursor:

Total = 0.446 A/m

H Category: M4

Location: 25, -13, 8.7 mm



0 dB = 0.446A/m

#04 HAC_H_GSM1900_Ch512

DUT: 1D0154

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 : 22.6 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- 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

Ch512/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.118 A/m

Probe Modulation Factor = 2.49

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.043 A/m; Power Drift = 0.042 dB

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

Peak H-field in A/m

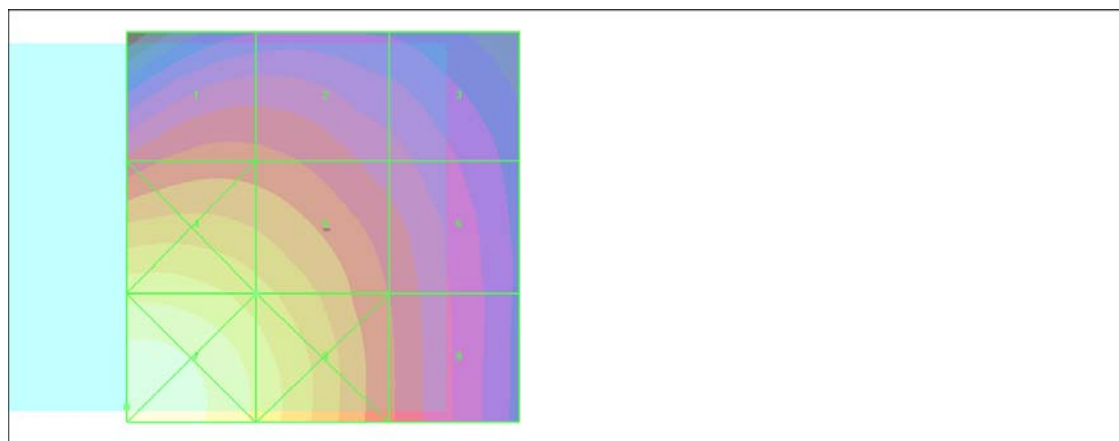
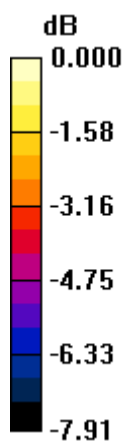
Grid 1 0.099 M4	Grid 2 0.099 M4	Grid 3 0.088 M4
Grid 4 0.128 M4	Grid 5 0.118 M4	Grid 6 0.096 M4
Grid 7 0.147 M3	Grid 8 0.129 M4	Grid 9 0.097 M4

Cursor:

Total = 0.147 A/m

H Category: M3

Location: 25, 23, 8.7 mm



0 dB = 0.147A/m

#05 HAC_H_GSM1900_Ch661

DUT: 1D0154

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 : 22.6 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- 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

Ch661/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.137 A/m
 Probe Modulation Factor = 2.49
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 0.050 A/m; Power Drift = -0.058 dB

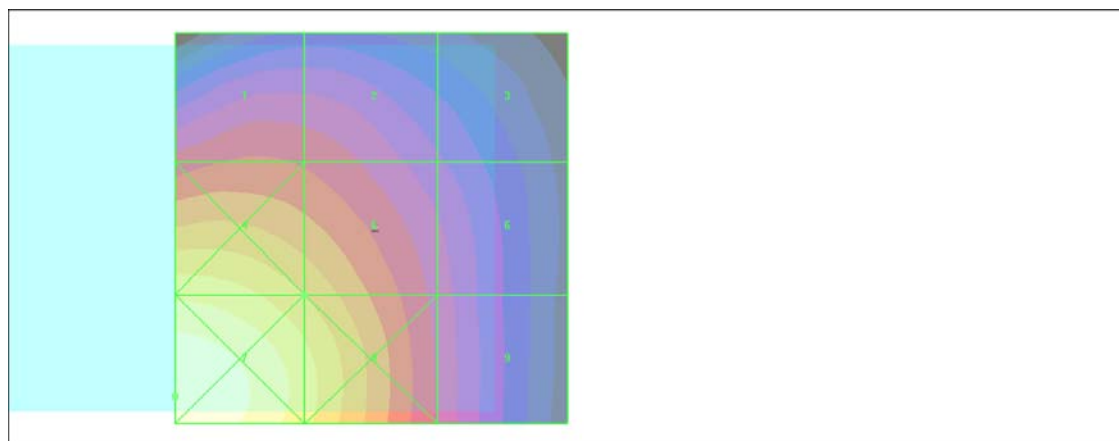
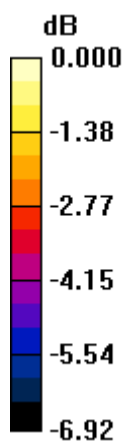
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 0.118 M4	Grid 2 0.117 M4	Grid 3 0.101 M4
Grid 4 0.151 M3	Grid 5 0.137 M4	Grid 6 0.109 M4
Grid 7 0.170 M3	Grid 8 0.149 M3	Grid 9 0.111 M4

Cursor:

Total = 0.170 A/m
 H Category: M3
 Location: 25, 21.5, 8.7 mm



0 dB = 0.170A/m

#06 HAC_H_GSM1900_Ch810

DUT: 1D0154

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 : 22.6 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- 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

Ch810/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.147 A/m

Probe Modulation Factor = 2.49

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.048 A/m; Power Drift = -0.037 dB

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

Peak H-field in A/m

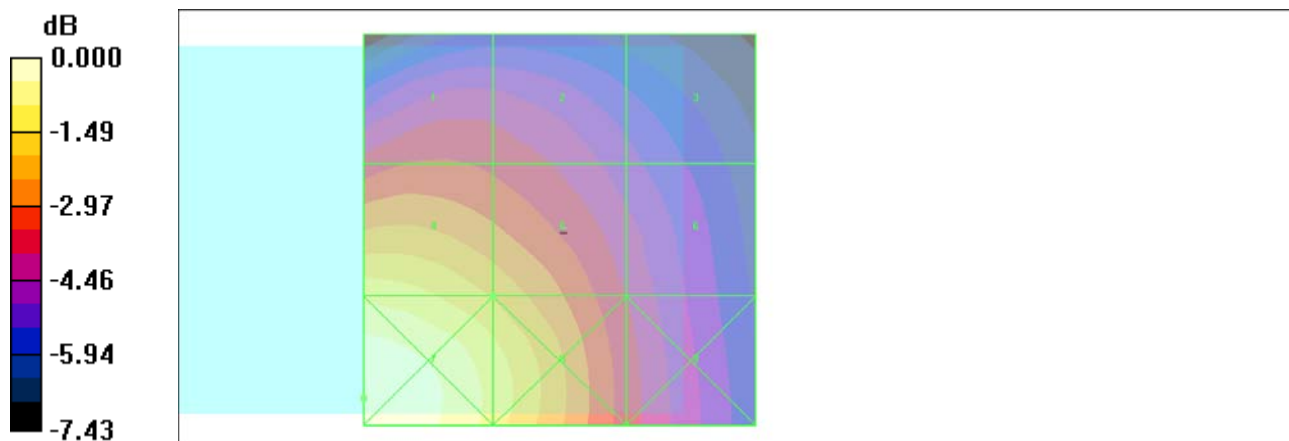
Grid 1 0.113 M4	Grid 2 0.111 M4	Grid 3 0.097 M4
Grid 4 0.147 M3	Grid 5 0.132 M4	Grid 6 0.106 M4
Grid 7 0.167 M3	Grid 8 0.146 M3	Grid 9 0.109 M4

Cursor:

Total = 0.167 A/m

H Category: M3

Location: 25, 21.5, 8.7 mm



0 dB = 0.167A/m

#22 HAC_H_WCDMA V_RMC12.2K_Ch4132

DUT: 1D0154

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 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

Ch4132/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.133 A/m

Probe Modulation Factor = 0.840

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.091 A/m; Power Drift = -0.175 dB

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

Peak H-field in A/m

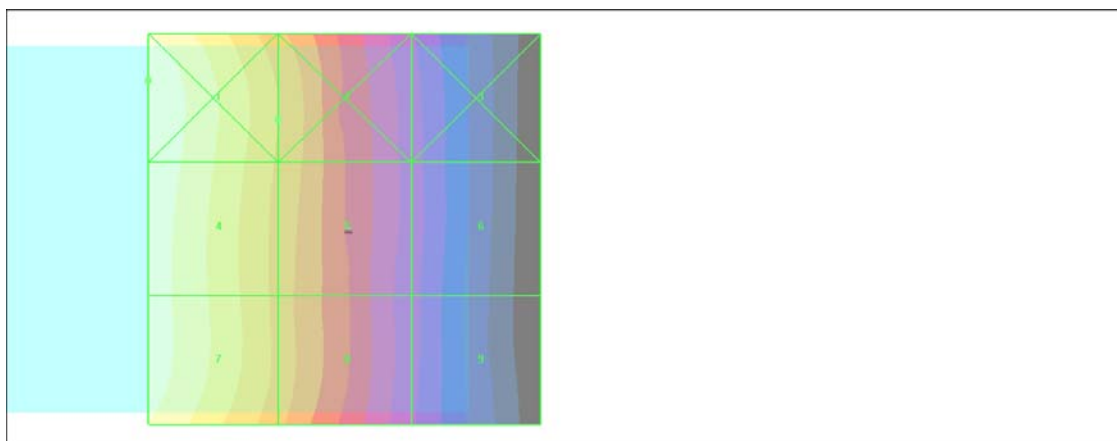
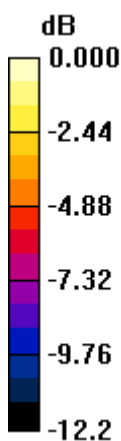
Grid 1 0.137 M4	Grid 2 0.094 M4	Grid 3 0.057 M4
Grid 4 0.133 M4	Grid 5 0.093 M4	Grid 6 0.057 M4
Grid 7 0.131 M4	Grid 8 0.092 M4	Grid 9 0.056 M4

Cursor:

Total = 0.137 A/m

H Category: M4

Location: 25, -19, 8.7 mm



0 dB = 0.137A/m

#23 HAC_H_WCDMA V_RMC12.2K_Ch4182

DUT: 1D0154

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 : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- 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

Ch4182/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.105 A/m

Probe Modulation Factor = 0.840

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.070 A/m; Power Drift = 0.116 dB

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

Peak H-field in A/m

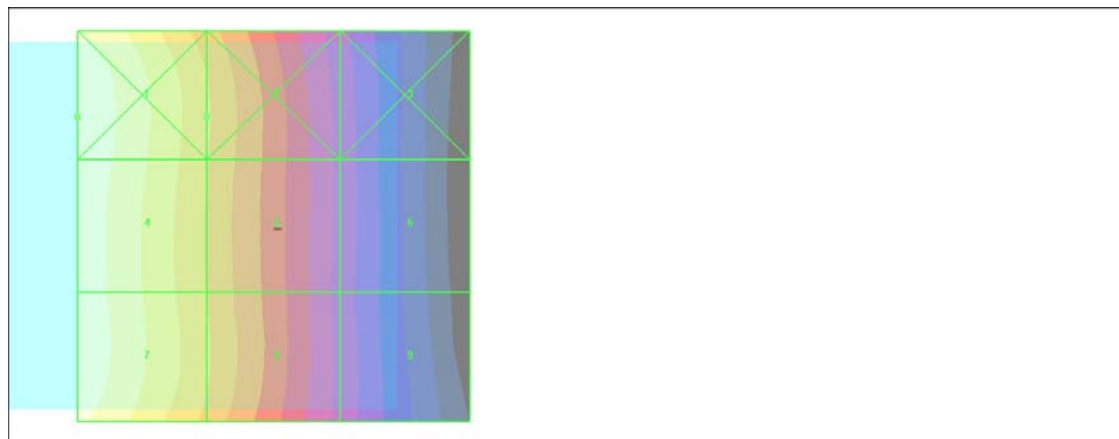
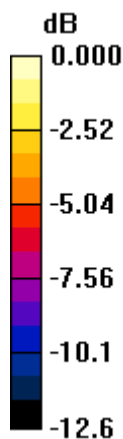
Grid 1 0.107 M4	Grid 2 0.074 M4	Grid 3 0.044 M4
Grid 4 0.105 M4	Grid 5 0.073 M4	Grid 6 0.044 M4
Grid 7 0.105 M4	Grid 8 0.074 M4	Grid 9 0.044 M4

Cursor:

Total = 0.107 A/m

H Category: M4

Location: 25, -14, 8.7 mm



0 dB = 0.107A/m

#24 HAC_H_WCDMA V_RMC12.2K_Ch4233

DUT: 1D0154

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 : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- 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

Ch4233/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.137 A/m

Probe Modulation Factor = 0.840

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.092 A/m; Power Drift = 0.031 dB

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

Peak H-field in A/m

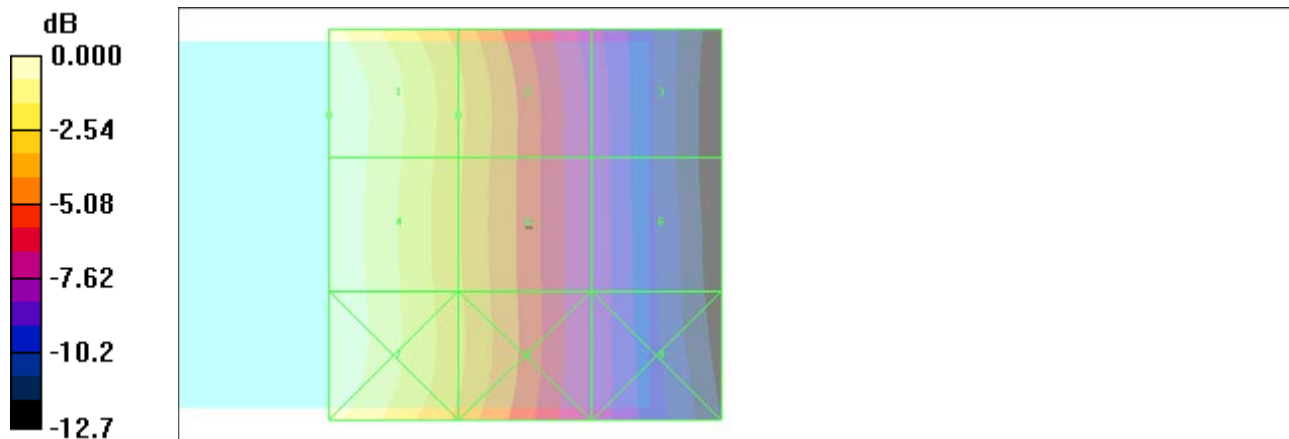
Grid 1 0.137 M4	Grid 2 0.095 M4	Grid 3 0.056 M4
Grid 4 0.136 M4	Grid 5 0.094 M4	Grid 6 0.056 M4
Grid 7 0.137 M4	Grid 8 0.095 M4	Grid 9 0.056 M4

Cursor:

Total = 0.137 A/m

H Category: M4

Location: 25, -14, 8.7 mm



0 dB = 0.137A/m

#16 HAC_H_WCDMA II_RMC12.2K_Ch9262

DUT: 1D0154

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 : 22.6 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- 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

Ch9262/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.064 A/m

Probe Modulation Factor = 0.890

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.061 A/m; Power Drift = 0.049 dB

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

Peak H-field in A/m

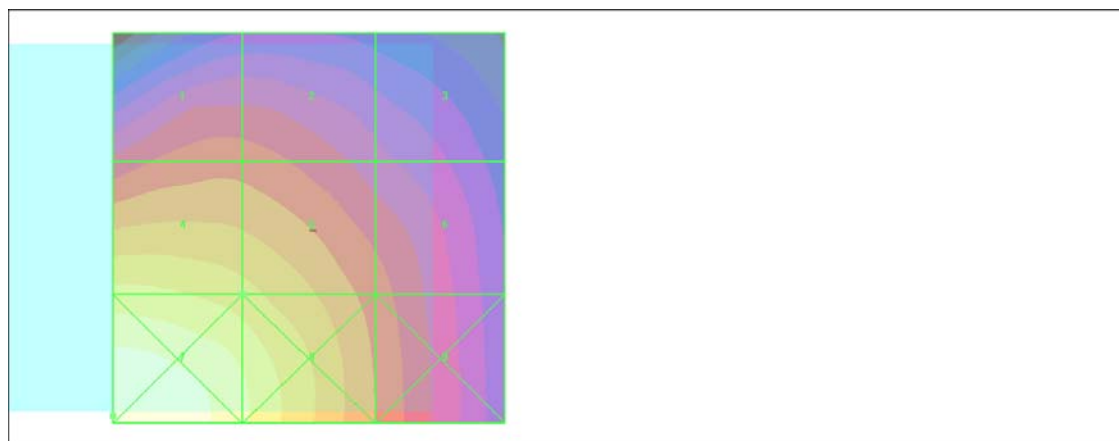
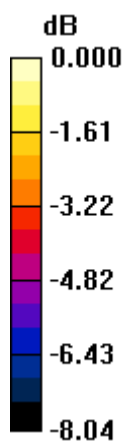
Grid 1 0.051 M4	Grid 2 0.051 M4	Grid 3 0.044 M4
Grid 4 0.064 M4	Grid 5 0.060 M4	Grid 6 0.050 M4
Grid 7 0.075 M4	Grid 8 0.067 M4	Grid 9 0.052 M4

Cursor:

Total = 0.075 A/m

H Category: M4

Location: 25, 24, 8.7 mm



0 dB = 0.075A/m

#17 HAC_H_WCDMA II_RMC12.2K_Ch9400

DUT: 1D0154

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 : 22.6 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- 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

Ch9400/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.072 A/m

Probe Modulation Factor = 0.890

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.069 A/m; Power Drift = 0.002 dB

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

Peak H-field in A/m

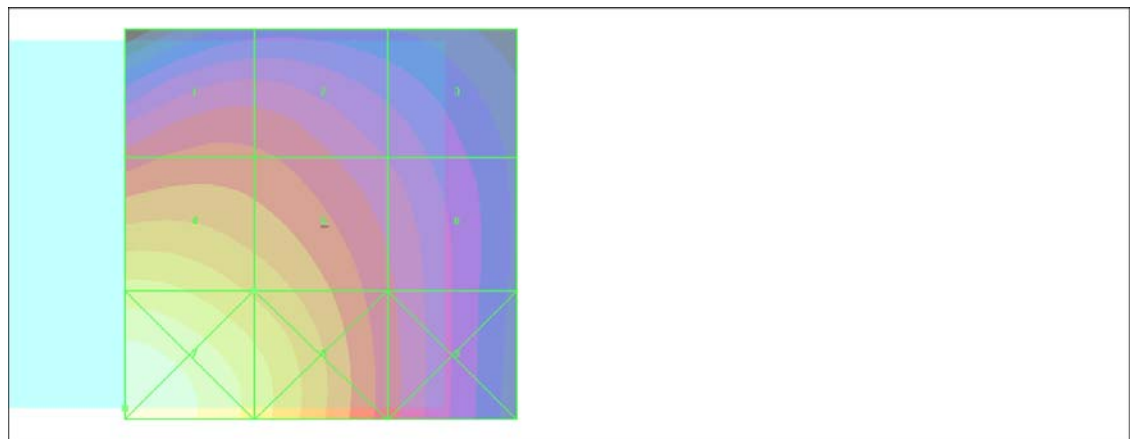
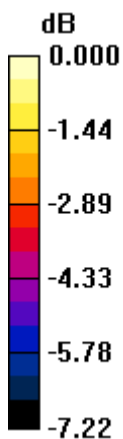
Grid 1 0.058 M4	Grid 2 0.057 M4	Grid 3 0.050 M4
Grid 4 0.072 M4	Grid 5 0.066 M4	Grid 6 0.054 M4
Grid 7 0.083 M4	Grid 8 0.073 M4	Grid 9 0.055 M4

Cursor:

Total = 0.083 A/m

H Category: M4

Location: 25, 23.5, 8.7 mm



0 dB = 0.083A/m

#18 HAC_H_WCDMA II_RMC12.2K_Ch9538

DUT: 1D0154

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 : 22.6 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- 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

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

Maximum value of peak Total field = 0.069 A/m

Probe Modulation Factor = 0.890

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.066 A/m; Power Drift = 0.038 dB

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

Peak H-field in A/m

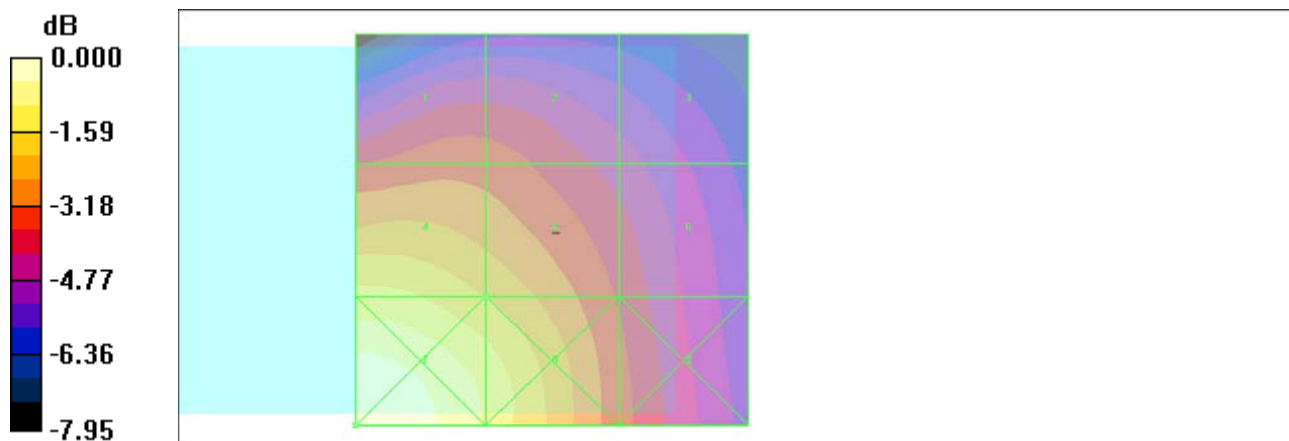
Grid 1 0.055 M4	Grid 2 0.055 M4	Grid 3 0.048 M4
Grid 4 0.069 M4	Grid 5 0.063 M4	Grid 6 0.053 M4
Grid 7 0.081 M4	Grid 8 0.071 M4	Grid 9 0.054 M4

Cursor:

Total = 0.081 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.081A/m