

#04 HAC_E_GSM850_Ch128_Keypad1**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 136.7 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 65.9 V/m; Power Drift = -0.094 dB

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

Peak E-field in V/m

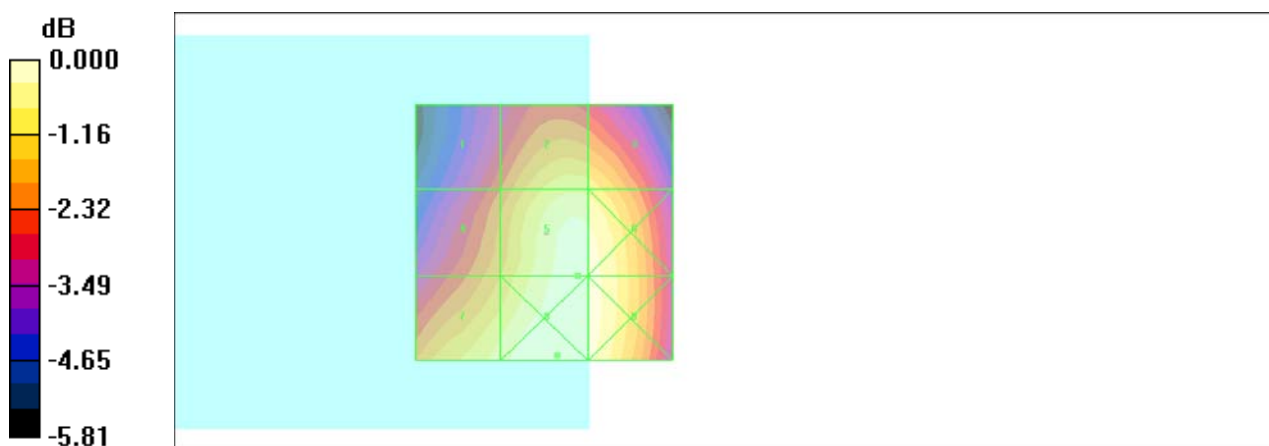
Grid 1 106.8 M4	Grid 2 126.6 M4	Grid 3 125.6 M4
Grid 4 116.9 M4	Grid 5 136.7 M4	Grid 6 136.2 M4
Grid 7 130.4 M4	Grid 8 139.5 M4	Grid 9 136.7 M4

Cursor:

Total = 139.5 V/m

E Category: M4

Location: -2.5, 24, 8.7 mm



0 dB = 139.5V/m

#05 HAC_E_GSM850_Ch189_Keypad1**DUT: 162005-01**

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 : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- 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 = 134.6 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 63.9 V/m; Power Drift = -0.012 dB

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

Peak E-field in V/m

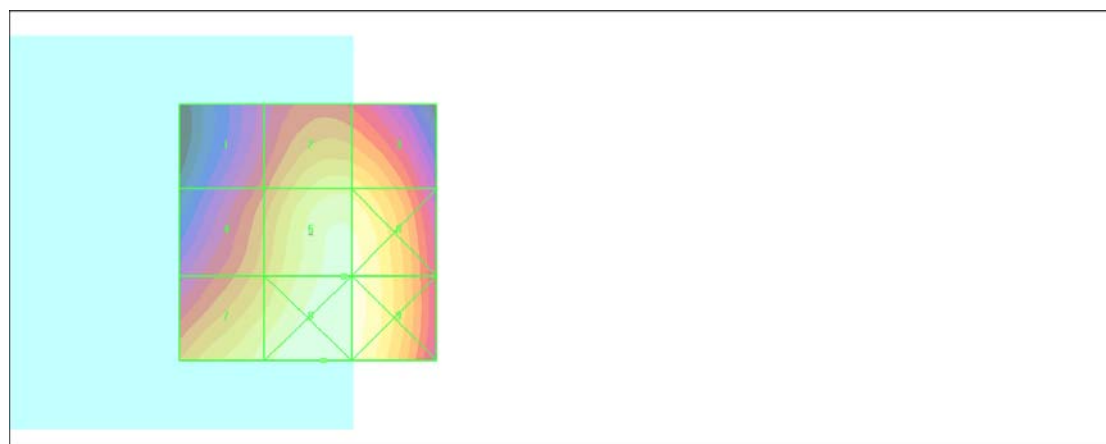
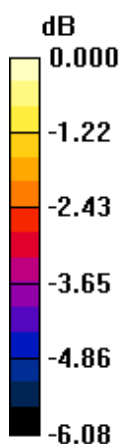
Grid 1 103.0 M4	Grid 2 124.4 M4	Grid 3 123.3 M4
Grid 4 114.2 M4	Grid 5 134.6 M4	Grid 6 134.2 M4
Grid 7 128.9 M4	Grid 8 138.1 M4	Grid 9 135.3 M4

Cursor:

Total = 138.1 V/m

E Category: M4

Location: -3, 25, 8.7 mm



0 dB = 138.1V/m

#06 HAC_E_GSM850_Ch251_Keypad1**DUT: 162005-01**

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 : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- 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 = 131.6 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 62.8 V/m; Power Drift = -0.006 dB

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

Peak E-field in V/m

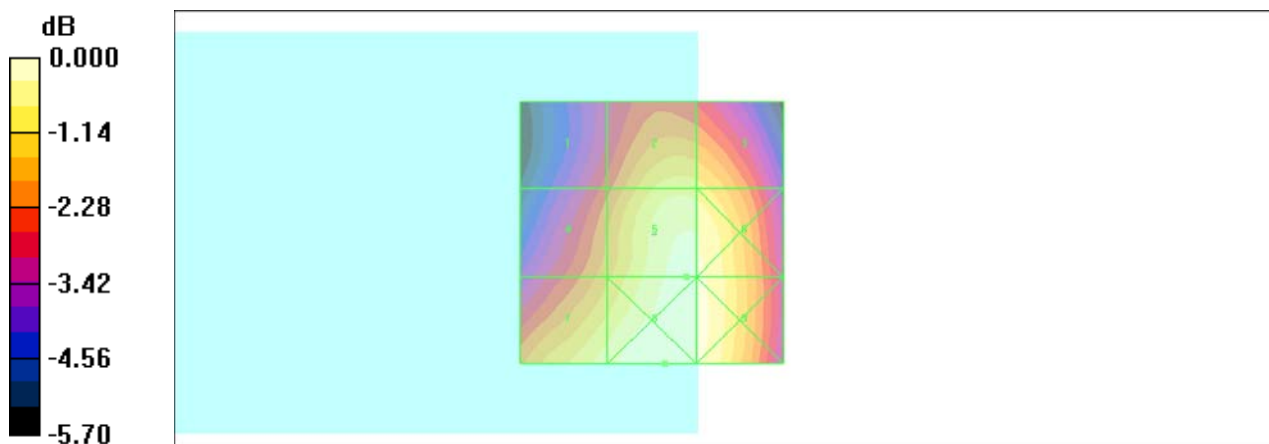
Grid 1 102.6 M4	Grid 2 122.0 M4	Grid 3 121.1 M4
Grid 4 112.7 M4	Grid 5 131.6 M4	Grid 6 131.1 M4
Grid 7 127.4 M4	Grid 8 135.4 M4	Grid 9 132.5 M4

Cursor:

Total = 135.4 V/m

E Category: M4

Location: -2.5, 25, 8.7 mm



#32 HAC_E_GSM850_Ch128_Keypad2**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 134.3 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 62.5 V/m; Power Drift = -0.111 dB

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

Peak E-field in V/m

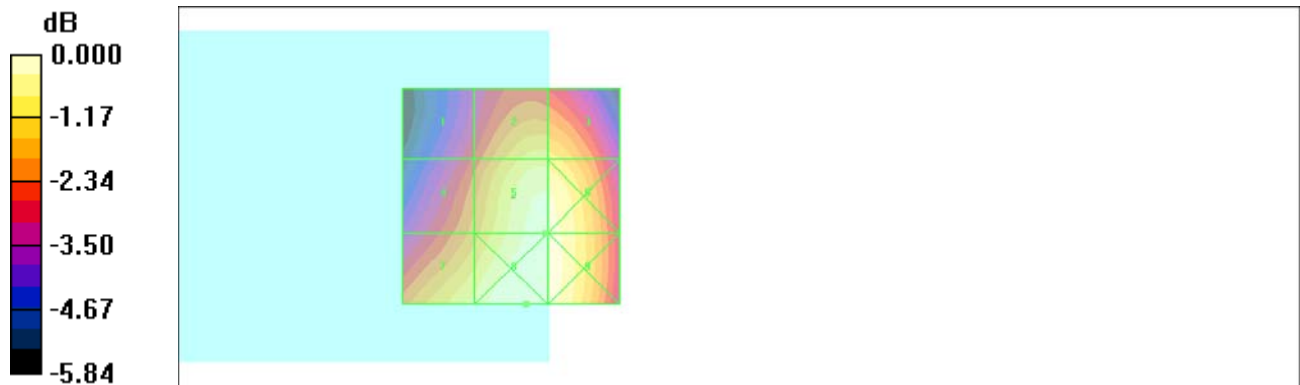
Grid 1 102.2 M4	Grid 2 123.8 M4	Grid 3 123.4 M4
Grid 4 113.0 M4	Grid 5 134.3 M4	Grid 6 134.3 M4
Grid 7 128.2 M4	Grid 8 137.8 M4	Grid 9 136.0 M4

Cursor:

Total = 137.8 V/m

E Category: M4

Location: -3.5, 25, 8.7 mm



0 dB = 137.8V/m

#01 HAC_E_GSM1900_Ch512_Keypad1**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 50.2 V/m

Probe Modulation Factor = 2.71

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 21.0 V/m; Power Drift = -0.023 dB

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

Peak E-field in V/m

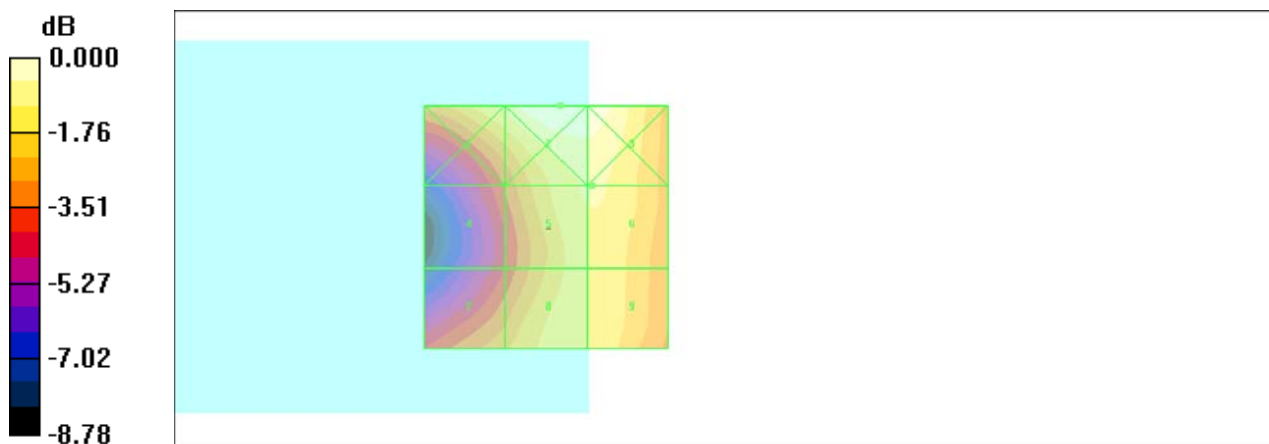
Grid 1 51.7 M3	Grid 2 57.1 M3	Grid 3 56.1 M3
Grid 4 38.5 M4	Grid 5 50.2 M3	Grid 6 50.2 M3
Grid 7 43.0 M4	Grid 8 49.4 M3	Grid 9 49.3 M3

Cursor:

Total = 57.1 V/m

E Category: M3

Location: -3, -25, 8.7 mm



#02 HAC_E_GSM1900_Ch661_Keypad1**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 54.3 V/m

Probe Modulation Factor = 2.71

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 22.9 V/m; Power Drift = -0.005 dB

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

Peak E-field in V/m

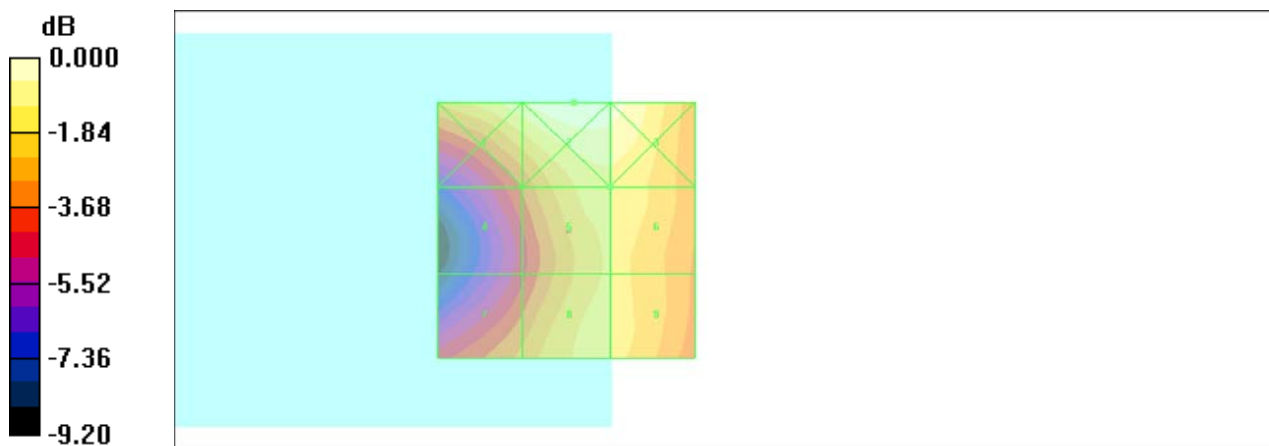
Grid 1 59.4 M3	Grid 2 64.0 M3	Grid 3 62.1 M3
Grid 4 42.6 M4	Grid 5 54.3 M3	Grid 6 54.3 M3
Grid 7 46.1 M4	Grid 8 53.3 M3	Grid 9 53.2 M3

Cursor:

Total = 64.0 V/m

E Category: M3

Location: -1.5, -25, 8.7 mm



0 dB = 64.0V/m

#03 HAC_E_GSM1900_Ch810_Keypad1**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 66.6 V/m

Probe Modulation Factor = 2.71

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 25.7 V/m; Power Drift = -0.004 dB

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

Peak E-field in V/m

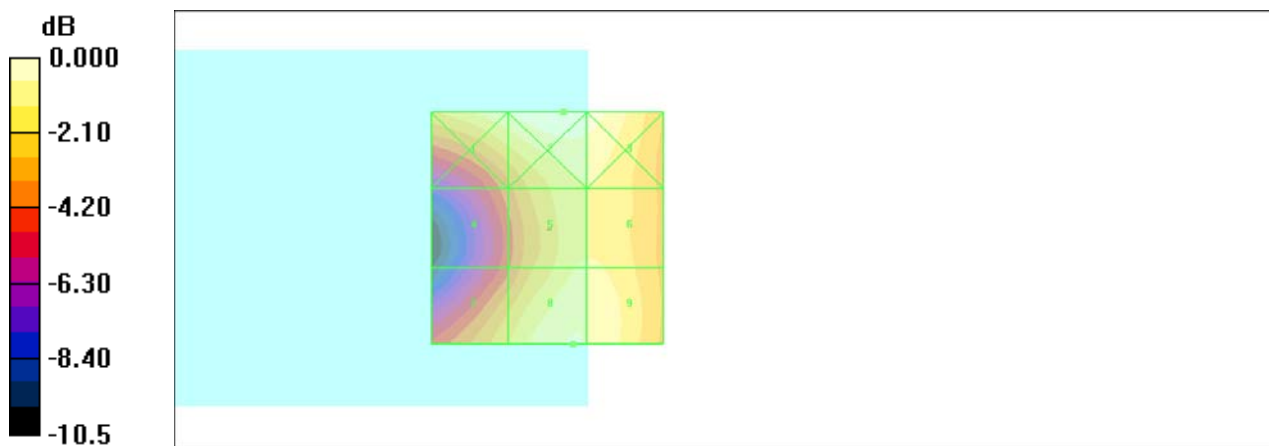
Grid 1	Grid 2	Grid 3
66.8 M3	71.9 M3	69.6 M3
Grid 4	Grid 5	Grid 6
46.8 M4	61.8 M3	61.8 M3
Grid 7	Grid 8	Grid 9
56.2 M3	66.6 M3	66.1 M3

Cursor:

Total = 71.9 V/m

E Category: M3

Location: -3.5, -25, 8.7 mm



0 dB = 71.9V/m

#31 HAC_E_GSM1900_Ch810_Keypad2**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 70.6 V/m

Probe Modulation Factor = 2.71

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 27.8 V/m; Power Drift = -0.012 dB

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

Peak E-field in V/m

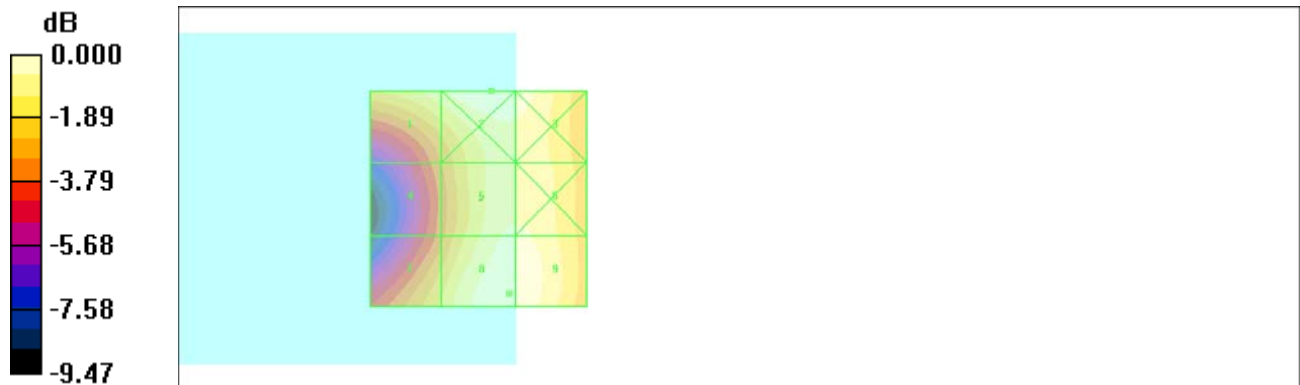
Grid 1 66.4 M3	Grid 2 71.8 M3	Grid 3 70.1 M3
Grid 4 50.1 M3	Grid 5 67.7 M3	Grid 6 67.8 M3
Grid 7 58.8 M3	Grid 8 70.6 M3	Grid 9 70.5 M3

Cursor:

Total = 71.8 V/m

E Category: M3

Location: -3, -25, 8.7 mm



0 dB = 71.8V/m

#13 HAC_E_WCDMA V_RMC12.2K_Ch4132_Keypad1**DUT: 162005-01**

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 : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- 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 = 51.2 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 66.8 V/m; Power Drift = -0.166 dB

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

Peak E-field in V/m

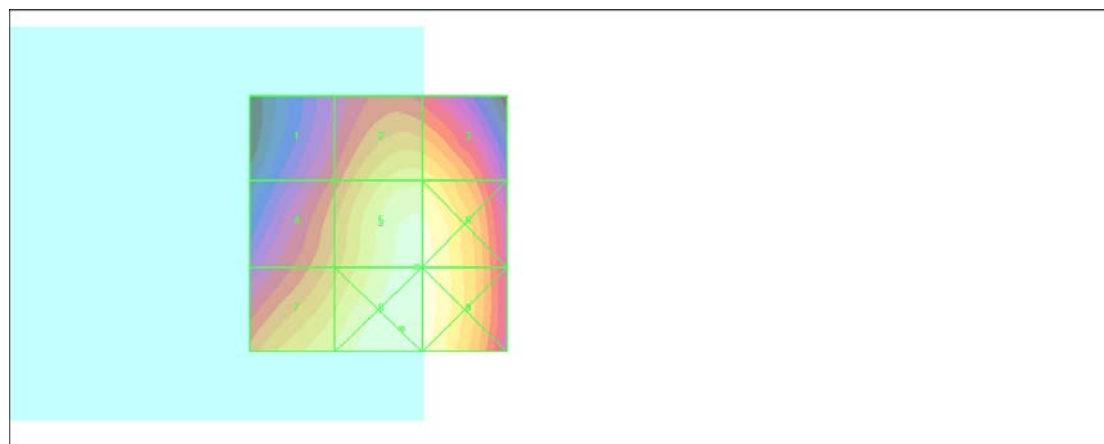
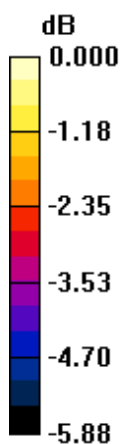
Grid 1	Grid 2	Grid 3
39.1 M4	47.4 M4	47.2 M4
Grid 4	Grid 5	Grid 6
43.1 M4	51.2 M4	51.2 M4
Grid 7	Grid 8	Grid 9
48.5 M4	52.6 M4	51.7 M4

Cursor:

Total = 52.6 V/m

E Category: M4

Location: -4.5, 20.5, 8.7 mm



0 dB = 52.6V/m

#14 HAC_E_WCDMA V_RMC12.2K_Ch4182_Keypad1**DUT: 162005-01**

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 : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- 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 = 50.4 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 65.8 V/m; Power Drift = -0.104 dB

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

Peak E-field in V/m

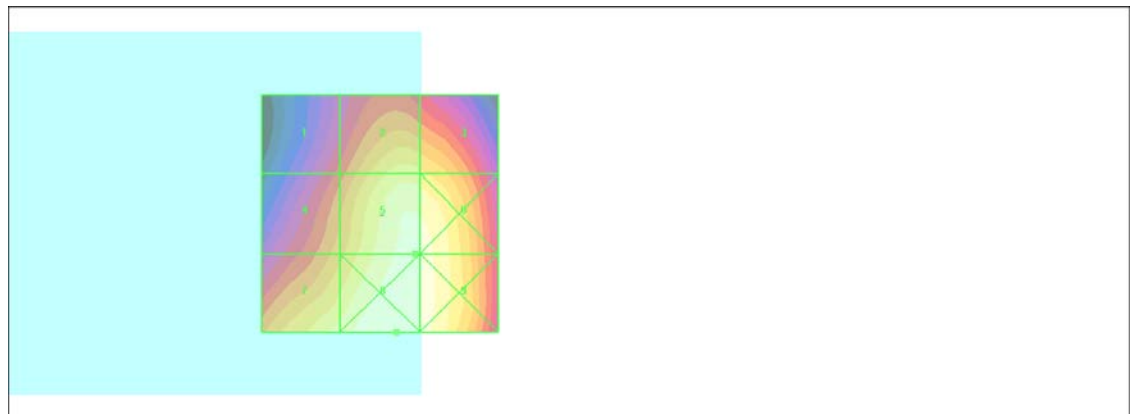
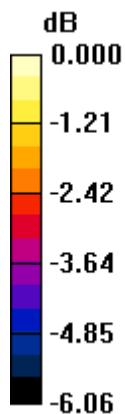
Grid 1 38.3 M4	Grid 2 46.3 M4	Grid 3 45.7 M4
Grid 4 42.5 M4	Grid 5 50.4 M4	Grid 6 50.4 M4
Grid 7 48.3 M4	Grid 8 51.9 M4	Grid 9 51.0 M4

Cursor:

Total = 51.9 V/m

E Category: M4

Location: -3.5, 25, 8.7 mm



0 dB = 51.9V/m

#15 HAC_E_WCDMA V_RMC12.2K_Ch4233_Keypad1**DUT: 162005-01**

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 : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- 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 = 52.7 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 67.4 V/m; Power Drift = -0.011 dB

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

Peak E-field in V/m

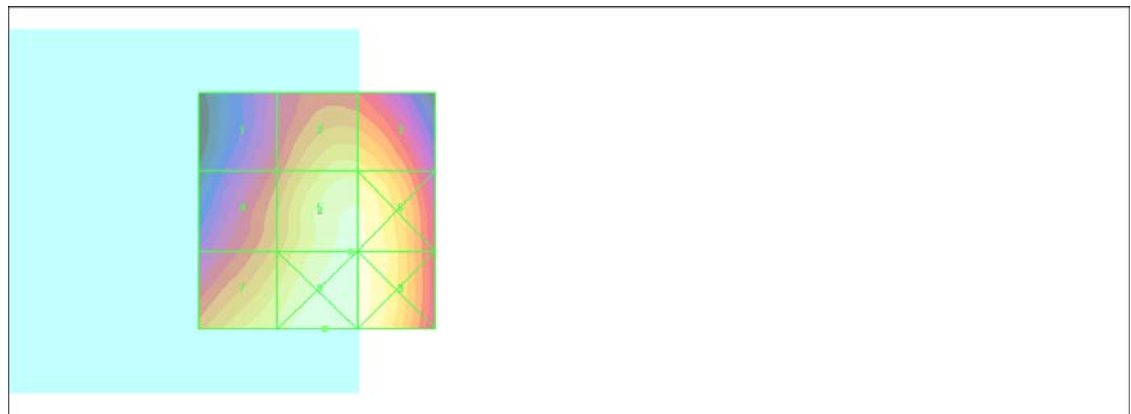
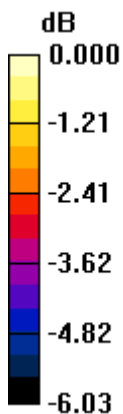
Grid 1 40.1 M4	Grid 2 48.8 M4	Grid 3 48.5 M4
Grid 4 44.4 M4	Grid 5 52.7 M4	Grid 6 52.6 M4
Grid 7 50.4 M4	Grid 8 54.4 M4	Grid 9 53.2 M4

Cursor:

Total = 54.4 V/m

E Category: M4

Location: -1.5, 25, 8.7 mm



0 dB = 54.4V/m

#35 HAC_E_WCDMA V_RMC12.2K_Ch4233_Keypad2**DUT: 162005-01**

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 : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- 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 = 52.1 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 = 0.053 dB

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

Peak E-field in V/m

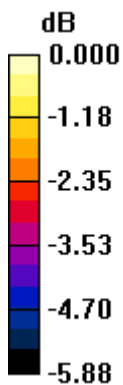
Grid 1 39.8 M4	Grid 2 48.6 M4	Grid 3 48.3 M4
Grid 4 43.7 M4	Grid 5 52.1 M4	Grid 6 52.1 M4
Grid 7 49.6 M4	Grid 8 53.6 M4	Grid 9 53.1 M4

Cursor:

Total = 53.6 V/m

E Category: M4

Location: -3.5, 25, 8.7 mm



0 dB = 53.6V/m

#10 HAC_E_WCDMA IV_RMC12.2K_Ch1312_Keypad1**DUT: 162005-01**

Communication System: WCDMA; Frequency: 1712.4 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 Sn905; Calibrated: 2011/6/24
- 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

Ch1312/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 28.4 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 28.8 V/m; Power Drift = -0.119 dB

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

Peak E-field in V/m

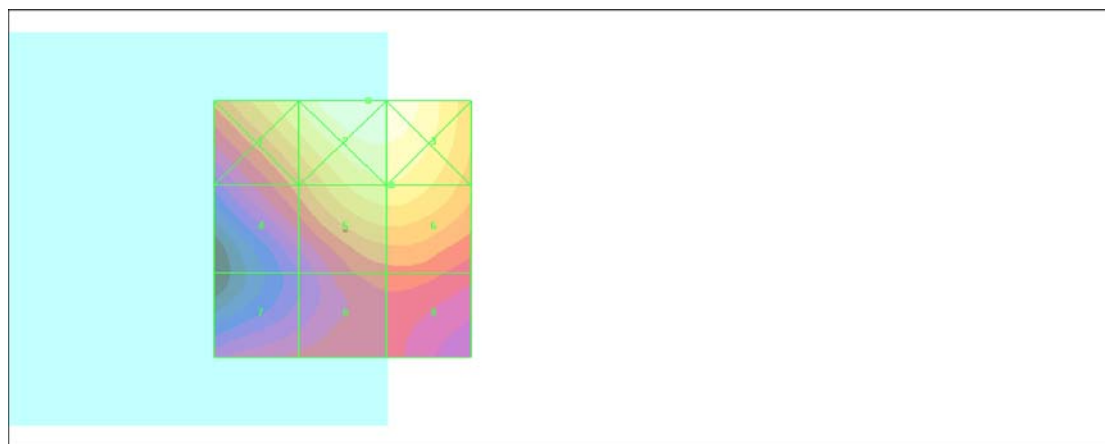
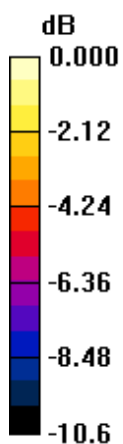
Grid 1	Grid 2	Grid 3
29.3 M4	33.8 M4	33.5 M4
Grid 4	Grid 5	Grid 6
21.7 M4	28.3 M4	28.4 M4
Grid 7	Grid 8	Grid 9
18.0 M4	20.2 M4	20.3 M4

Cursor:

Total = 33.8 V/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 33.8V/m

#11 HAC_E_WCDMA IV_RMC12.2K_Ch1413_Keypad1**DUT: 162005-01**

Communication System: WCDMA; Frequency: 1732.6 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 Sn905; Calibrated: 2011/6/24
- 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

Ch1413/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 32.0 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 33.3 V/m; Power Drift = 0.003 dB

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

Peak E-field in V/m

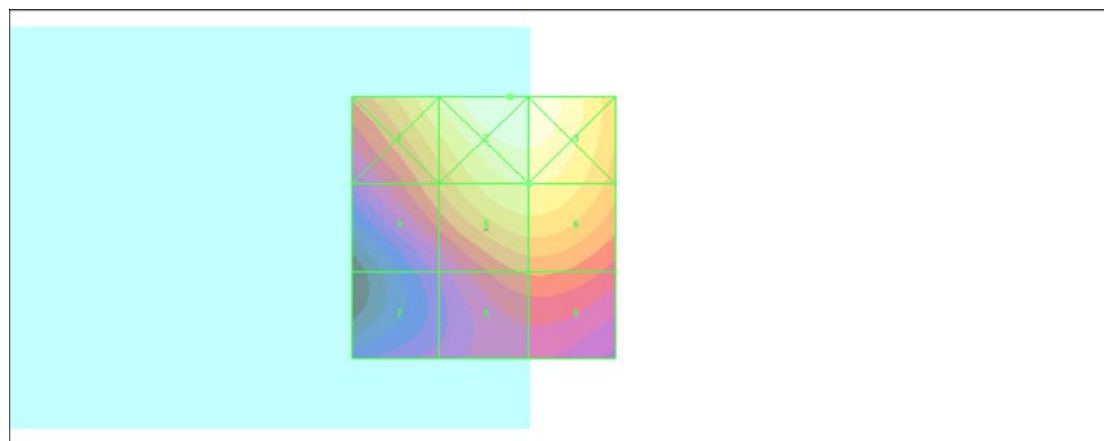
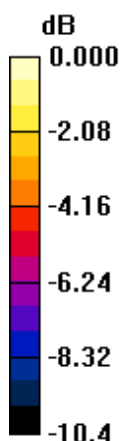
Grid 1 32.3 M4	Grid 2 37.2 M4	Grid 3 36.8 M4
Grid 4 25.3 M4	Grid 5 32.0 M4	Grid 6 32.0 M4
Grid 7 17.5 M4	Grid 8 23.3 M4	Grid 9 23.4 M4

Cursor:

Total = 37.2 V/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 37.2V/m

#12 HAC_E_WCDMA IV_RMC12.2K_Ch1513_Keypad1**DUT: 162005-01**

Communication System: WCDMA; Frequency: 1752.6 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 Sn905; Calibrated: 2011/6/24
- 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

Ch1513/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 31.8 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 34.3 V/m; Power Drift = 0.055 dB

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

Peak E-field in V/m

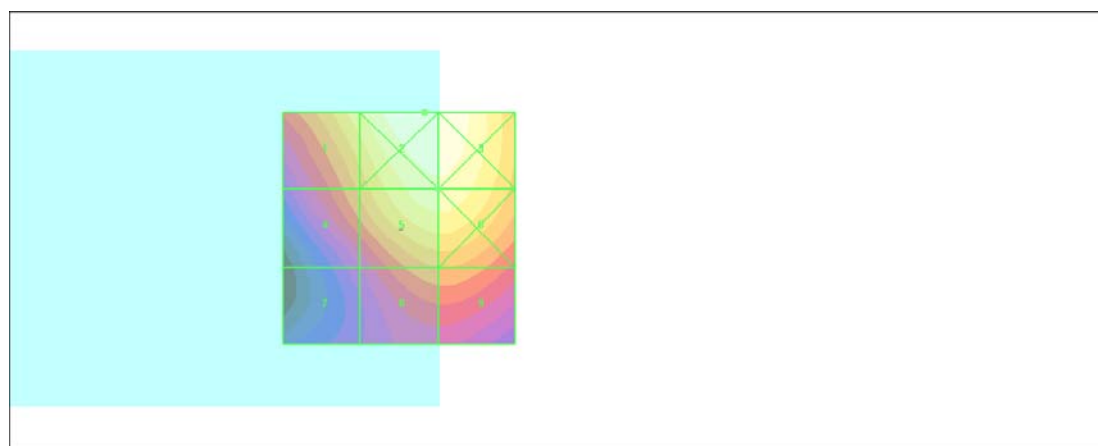
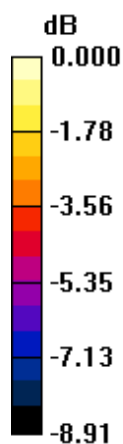
Grid 1	Grid 2	Grid 3
29.9 M4	34.8 M4	34.5 M4
Grid 4	Grid 5	Grid 6
25.2 M4	31.8 M4	31.8 M4
Grid 7	Grid 8	Grid 9
18.9 M4	24.8 M4	24.8 M4

Cursor:

Total = 34.8 V/m

E Category: M4

Location: -5.5, -25, 8.7 mm



0 dB = 34.8V/m

#34 HAC_E_WCDMA IV_RMC12.2K_Ch1413_Keypad2**DUT: 162005-01**

Communication System: WCDMA; Frequency: 1732.6 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 Sn905; Calibrated: 2011/6/24

- 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

Ch1413/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 31.5 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 32.4 V/m; Power Drift = -0.119 dB

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

Peak E-field in V/m

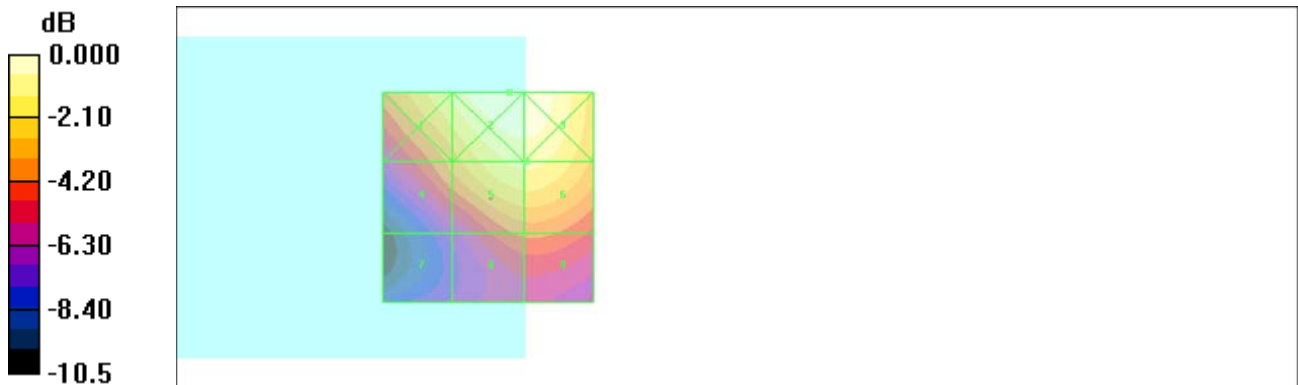
Grid 1 31.7 M4	Grid 2 36.2 M4	Grid 3 35.8 M4
Grid 4 25.1 M4	Grid 5 31.5 M4	Grid 6 31.5 M4
Grid 7 17.0 M4	Grid 8 22.8 M4	Grid 9 23.0 M4

Cursor:

Total = 36.2 V/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 36.2V/m

#07 HAC_E_WCDMA II_RMC12.2K_Ch9262_Keypad1**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 39.1 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 45.4 V/m; Power Drift = -0.073 dB

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

Peak E-field in V/m

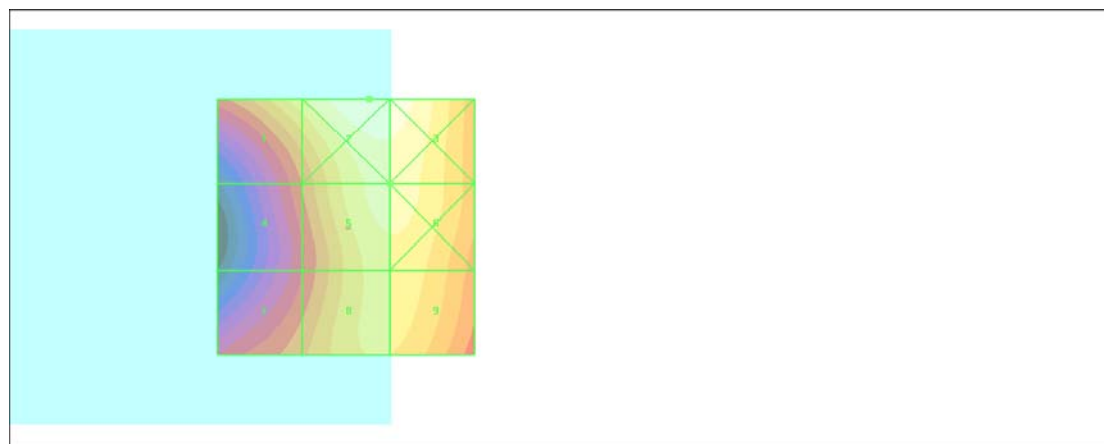
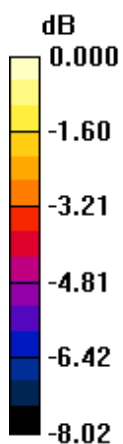
Grid 1	Grid 2	Grid 3
37.6 M4	43.0 M4	42.3 M4
Grid 4	Grid 5	Grid 6
29.9 M4	39.1 M4	39.1 M4
Grid 7	Grid 8	Grid 9
31.3 M4	37.1 M4	37.1 M4

Cursor:

Total = 43.0 V/m

E Category: M4

Location: -4.5, -25, 8.7 mm



0 dB = 43.0V/m

#08 HAC_E_WCDMA II_RMC12.2K_Ch9400_Keypad1**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 35.7 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 42.2 V/m; Power Drift = -0.176 dB

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

Peak E-field in V/m

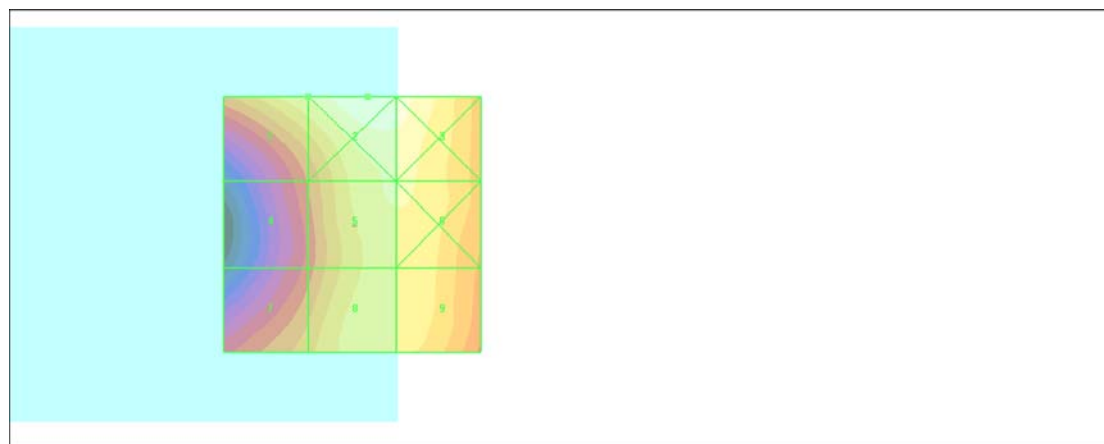
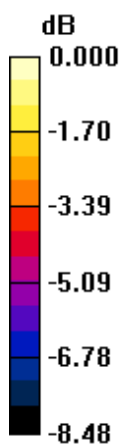
Grid 1	Grid 2	Grid 3
35.7 M4	40.1 M4	38.9 M4
Grid 4	Grid 5	Grid 6
27.4 M4	35.7 M4	35.8 M4
Grid 7	Grid 8	Grid 9
30.3 M4	34.6 M4	34.6 M4

Cursor:

Total = 40.1 V/m

E Category: M4

Location: -3, -25, 8.7 mm



0 dB = 40.1 V/m

#09 HAC_E_WCDMA II_RMC12.2K_Ch9538_Keypad1**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24

- 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 = 38.6 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 42.9 V/m; Power Drift = -0.008 dB

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

Peak E-field in V/m

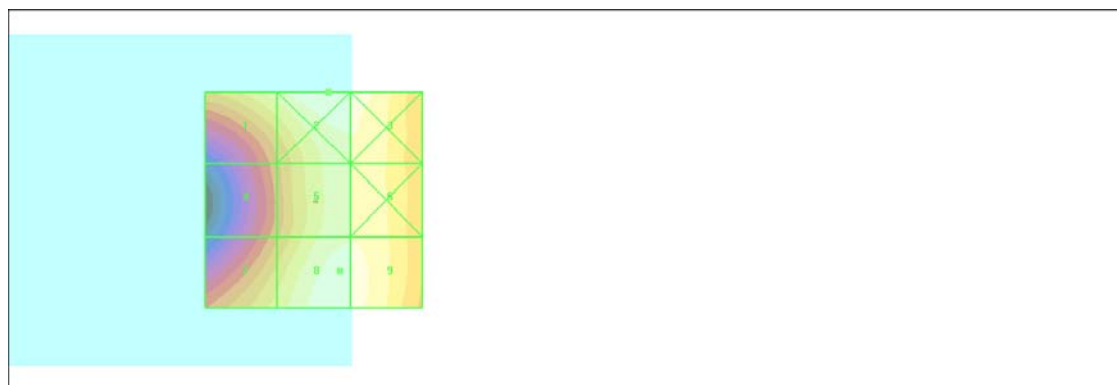
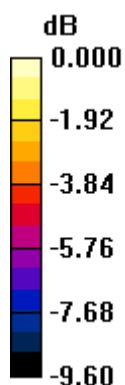
Grid 1 36.1 M4	Grid 2 40.0 M4	Grid 3 39.3 M4
Grid 4 27.3 M4	Grid 5 37.0 M4	Grid 6 37.1 M4
Grid 7 33.1 M4	Grid 8 38.6 M4	Grid 9 38.4 M4

Cursor:

Total = 40.0 V/m

E Category: M4

Location: -3.5, -25, 8.7 mm



0 dB = 40.0V/m

#33 HAC_E_WCDMA II_RMC12.2K_Ch9262_Keypad2**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 40.0 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 44.9 V/m; Power Drift = -0.076 dB

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

Peak E-field in V/m

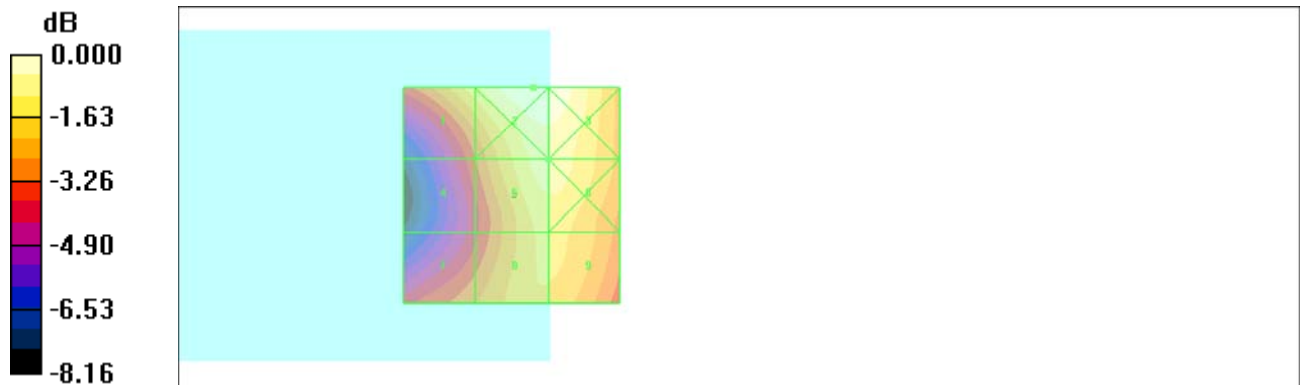
Grid 1 38.1 M4	Grid 2 44.0 M4	Grid 3 43.5 M4
Grid 4 30.1 M4	Grid 5 40.0 M4	Grid 6 40.0 M4
Grid 7 32.0 M4	Grid 8 37.3 M4	Grid 9 37.3 M4

Cursor:

Total = 44.0 V/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 44.0V/m

#19 HAC_H_GSM850_Ch128_Keypad1**DUT: 162005-01**

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 : 22.6 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- 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 = 0.361 A/m

Probe Modulation Factor = 2.54

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.146 A/m; Power Drift = -0.005 dB

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

Peak H-field in A/m

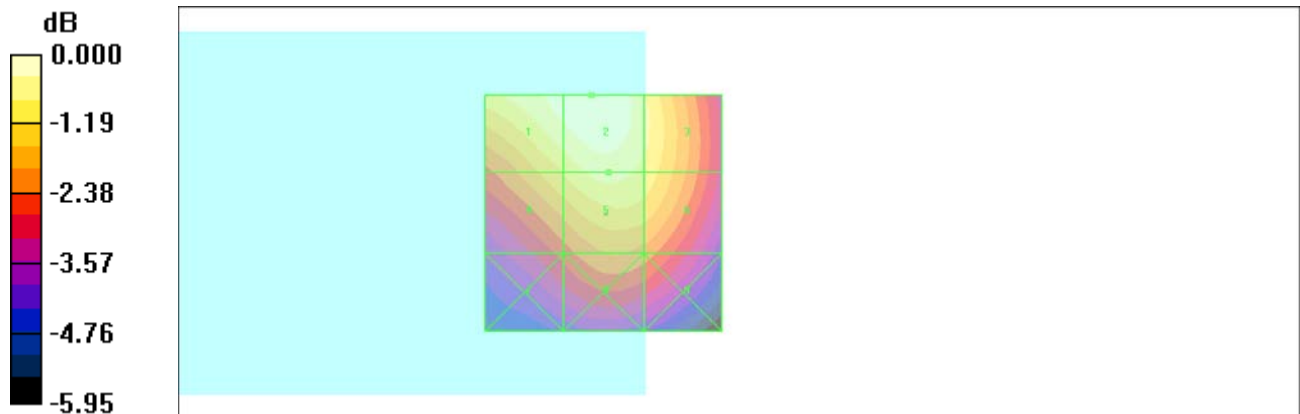
Grid 1 0.353 M4	Grid 2 0.361 M4	Grid 3 0.335 M4
Grid 4 0.315 M4	Grid 5 0.335 M4	Grid 6 0.325 M4
Grid 7 0.268 M4	Grid 8 0.288 M4	Grid 9 0.282 M4

Cursor:

Total = 0.361 A/m

H Category: M4

Location: 2.5, -25, 8.7 mm



0 dB = 0.361 A/m

#20 HAC_H_GSM850_Ch189_Keypad1**DUT: 162005-01**

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 : 22.6 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- 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 = 0.362 A/m

Probe Modulation Factor = 2.54

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.149 A/m; Power Drift = -0.028 dB

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

Peak H-field in A/m

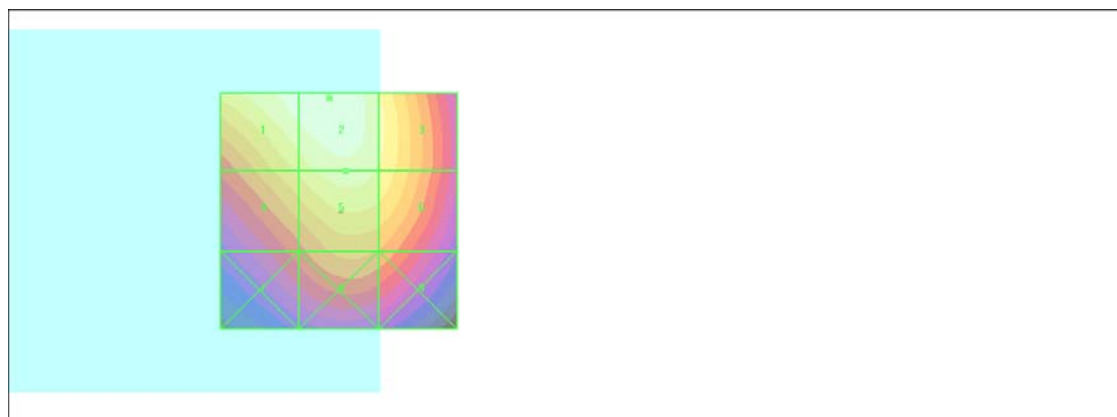
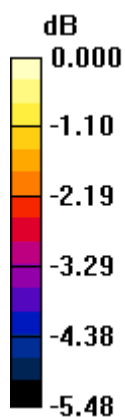
Grid 1 0.356 M4	Grid 2 0.362 M4	Grid 3 0.338 M4
Grid 4 0.322 M4	Grid 5 0.341 M4	Grid 6 0.331 M4
Grid 7 0.277 M4	Grid 8 0.298 M4	Grid 9 0.293 M4

Cursor:

Total = 0.362 A/m

H Category: M4

Location: 2, -24, 8.7 mm



0 dB = 0.362 A/m

#21 HAC_H_GSM850_Ch251_Keypad1**DUT: 162005-01**

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 : 22.6 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- 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 = 0.346 A/m

Probe Modulation Factor = 2.54

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.145 A/m; Power Drift = -0.001 dB

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

Peak H-field in A/m

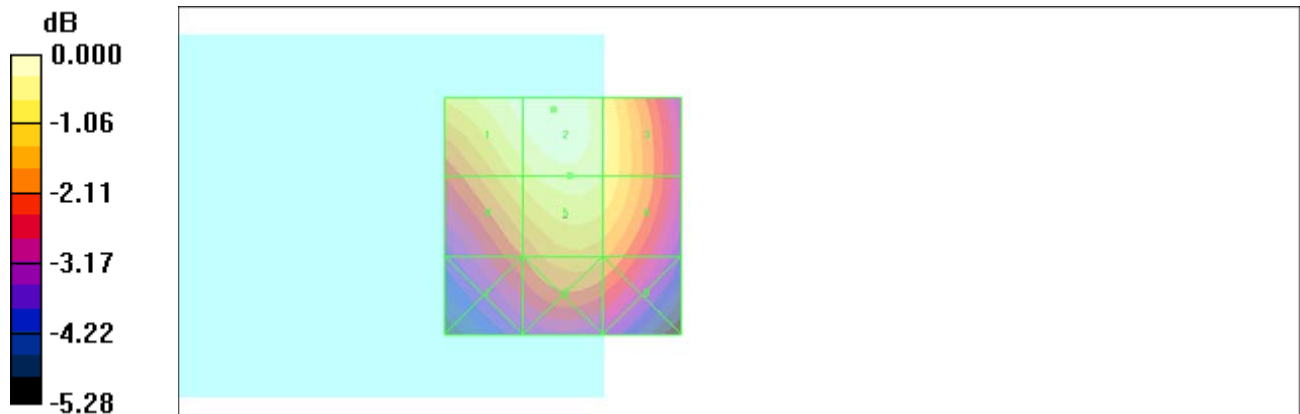
Grid 1 0.339 M4	Grid 2 0.346 M4	Grid 3 0.323 M4
Grid 4 0.312 M4	Grid 5 0.327 M4	Grid 6 0.319 M4
Grid 7 0.272 M4	Grid 8 0.291 M4	Grid 9 0.285 M4

Cursor:

Total = 0.346 A/m

H Category: M4

Location: 2, -22.5, 8.7 mm



0 dB = 0.346 A/m

#37 HAC_H_GSM850_Ch189_Keypad2**DUT: 162005-01**

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 : 22.6 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- 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 = 0.356 A/m

Probe Modulation Factor = 2.54

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.143 A/m; Power Drift = -0.008 dB

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

Peak H-field in A/m

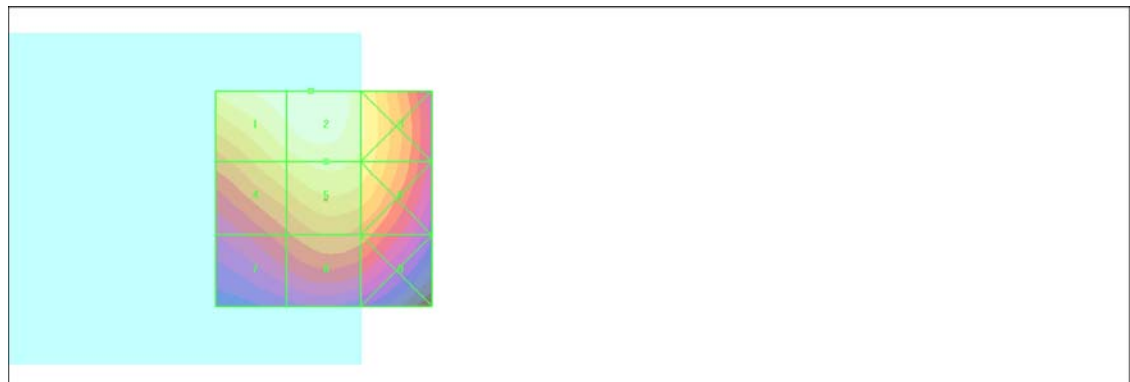
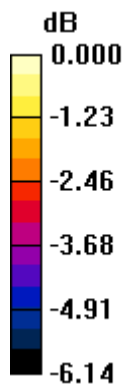
Grid 1 0.353 M4	Grid 2 0.356 M4	Grid 3 0.328 M4
Grid 4 0.315 M4	Grid 5 0.330 M4	Grid 6 0.320 M4
Grid 7 0.265 M4	Grid 8 0.282 M4	Grid 9 0.276 M4

Cursor:

Total = 0.356 A/m

H Category: M4

Location: 3, -25, 8.7 mm



0 dB = 0.356A/m

#16 HAC_H_GSM1900_Ch512_Keypad1**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 0.137 A/m

Probe Modulation Factor = 2.56

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.061 A/m; Power Drift = -0.071 dB

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

Peak H-field in A/m

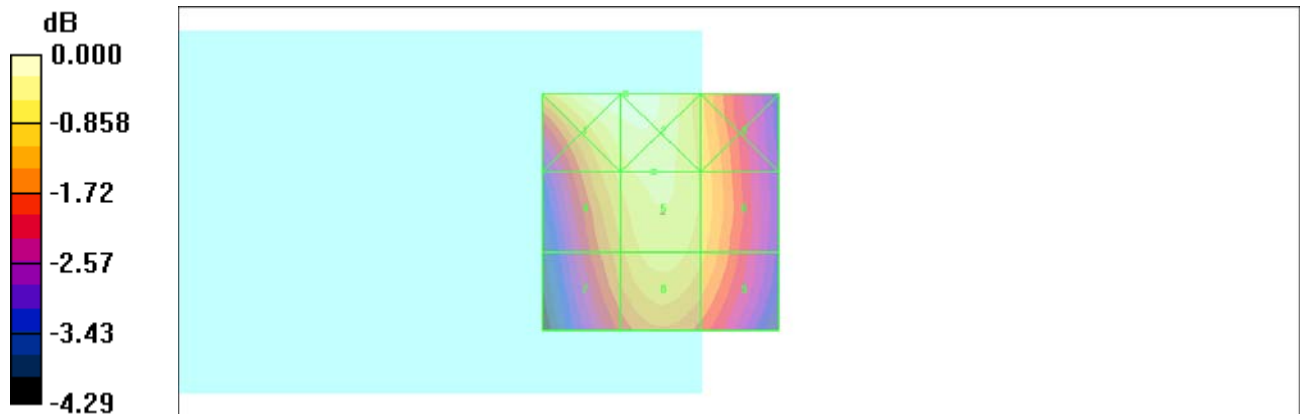
Grid 1 0.144 M3	Grid 2 0.144 M3	Grid 3 0.130 M4
Grid 4 0.132 M4	Grid 5 0.137 M4	Grid 6 0.130 M4
Grid 7 0.125 M4	Grid 8 0.133 M4	Grid 9 0.128 M4

Cursor:

Total = 0.144 A/m

H Category: M3

Location: 7.5, -25, 8.7 mm



0 dB = 0.144A/m

#17 HAC_H_GSM1900_Ch661_Keypad1**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 0.148 A/m

Probe Modulation Factor = 2.56

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.066 A/m; Power Drift = 0.020 dB

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

Peak H-field in A/m

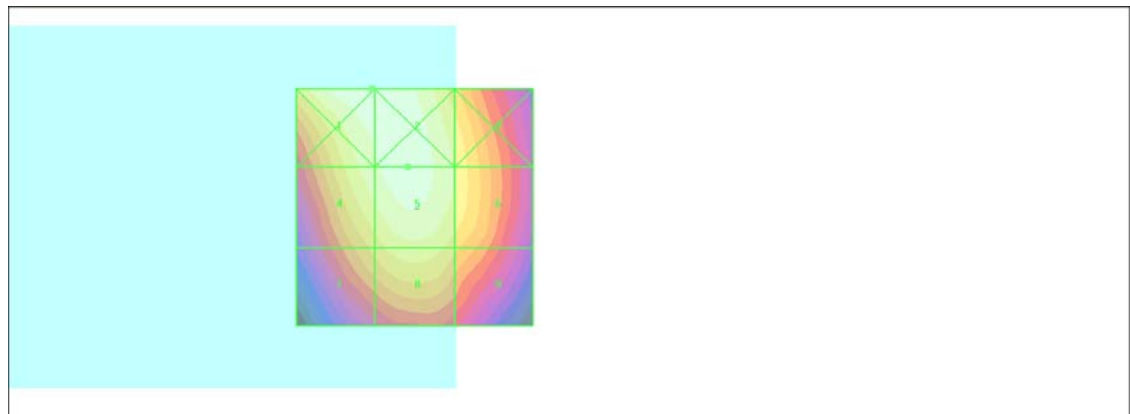
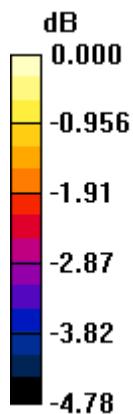
Grid 1 0.150 M3	Grid 2 0.150 M3	Grid 3 0.139 M4
Grid 4 0.144 M3	Grid 5 0.148 M3	Grid 6 0.139 M4
Grid 7 0.132 M4	Grid 8 0.138 M4	Grid 9 0.131 M4

Cursor:

Total = 0.150 A/m

H Category: M3

Location: 9, -25, 8.7 mm



0 dB = 0.150 A/m

#18 HAC_H_GSM1900_Ch810_Keypad1**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 0.145 A/m

Probe Modulation Factor = 2.56

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.065 A/m; Power Drift = -0.009 dB

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

Peak H-field in A/m

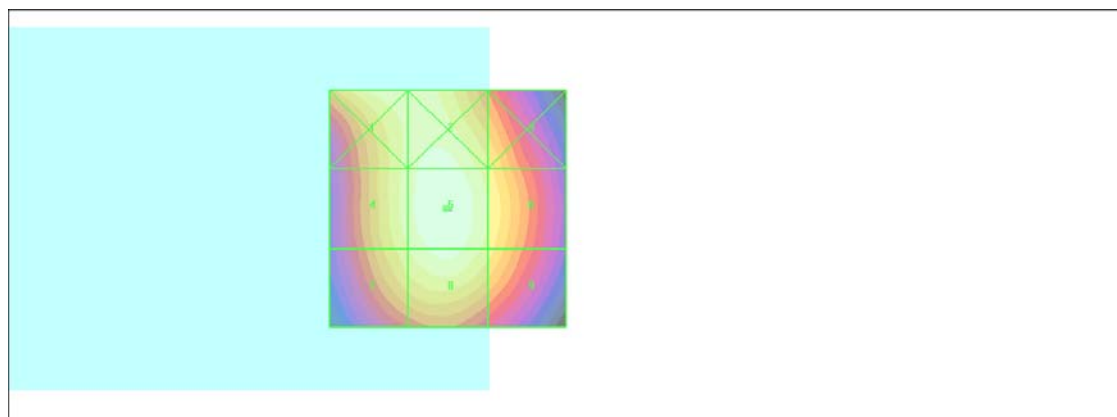
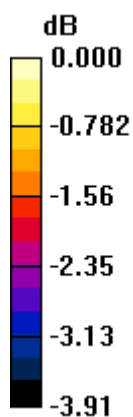
Grid 1 0.140 M4	Grid 2 0.143 M3	Grid 3 0.134 M4
Grid 4 0.139 M4	Grid 5 0.145 M3	Grid 6 0.137 M4
Grid 7 0.136 M4	Grid 8 0.142 M3	Grid 9 0.134 M4

Cursor:

Total = 0.145 A/m

H Category: M3

Location: 0.5, 0, 8.7 mm



0 dB = 0.145 A/m

#36 HAC_H_GSM1900_Ch661_Keypad2**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 0.158 A/m

Probe Modulation Factor = 2.56

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.068 A/m; Power Drift = 0.045 dB

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

Peak H-field in A/m

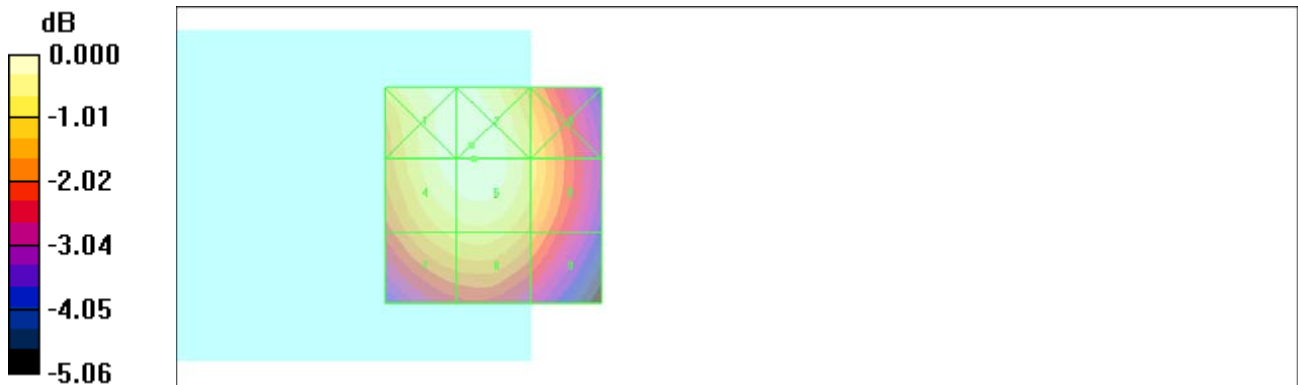
Grid 1 0.158 M3	Grid 2 0.159 M3	Grid 3 0.144 M3
Grid 4 0.157 M3	Grid 5 0.158 M3	Grid 6 0.144 M3
Grid 7 0.144 M3	Grid 8 0.145 M3	Grid 9 0.134 M4

Cursor:

Total = 0.159 A/m

H Category: M3

Location: 5, -11.5, 8.7 mm



0 dB = 0.159 A/m

#28 HAC_H_WCDMA V_RMC12.2K_Ch4132_Keypad1**DUT: 162005-01**

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 : 22.6 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- 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 = 0.118 A/m

Probe Modulation Factor = 0.840

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.151 A/m; Power Drift = -0.013 dB

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

Peak H-field in A/m

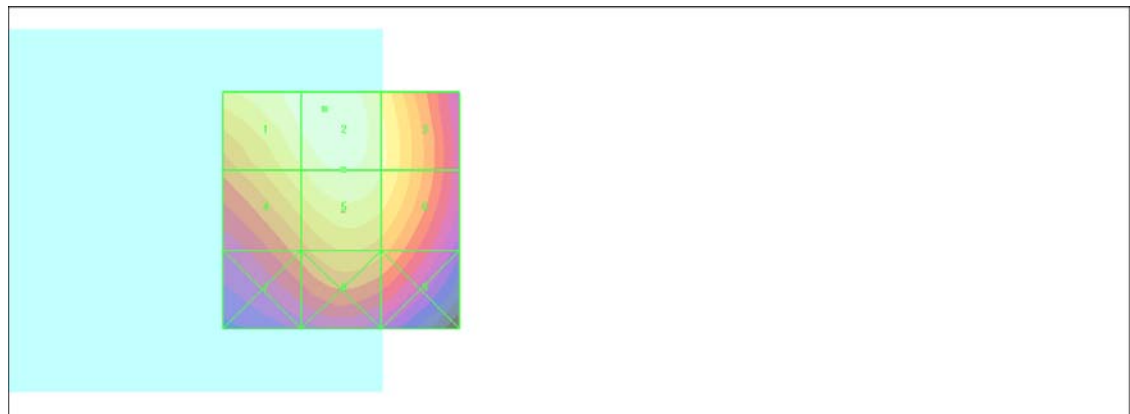
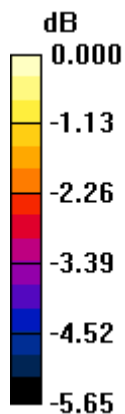
Grid 1 0.115 M4	Grid 2 0.118 M4	Grid 3 0.110 M4
Grid 4 0.107 M4	Grid 5 0.114 M4	Grid 6 0.109 M4
Grid 7 0.093 M4	Grid 8 0.099 M4	Grid 9 0.097 M4

Cursor:

Total = 0.118 A/m

H Category: M4

Location: 3.5, -21.5, 8.7 mm



0 dB = 0.118 A/m

#29 HAC_H_WCDMA V_RMC12.2K_Ch4182_Keypad1**DUT: 162005-01**

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 : 22.6 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- 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 = 0.130 A/m

Probe Modulation Factor = 0.840

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.159 A/m; Power Drift = 0.049 dB

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

Peak H-field in A/m

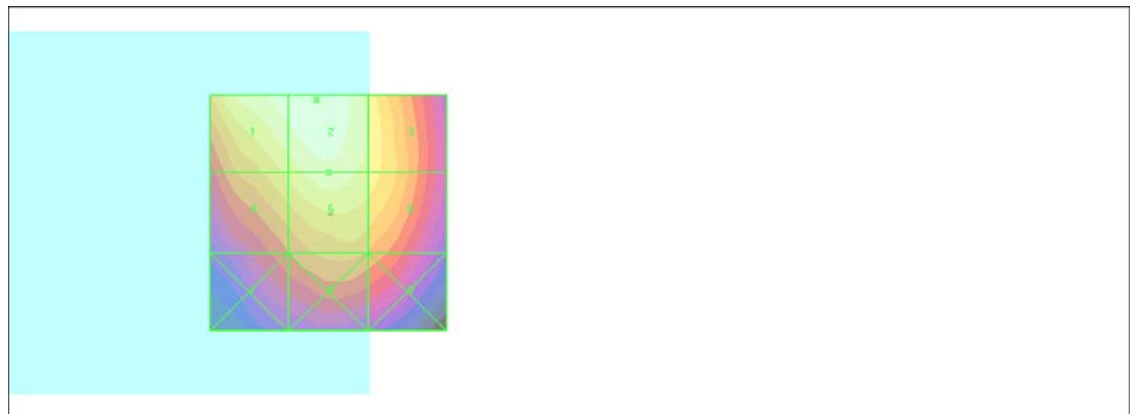
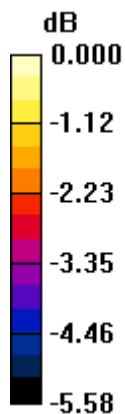
Grid 1 0.128 M4	Grid 2 0.130 M4	Grid 3 0.119 M4
Grid 4 0.116 M4	Grid 5 0.123 M4	Grid 6 0.117 M4
Grid 7 0.100 M4	Grid 8 0.107 M4	Grid 9 0.104 M4

Cursor:

Total = 0.130 A/m

H Category: M4

Location: 2.5, -24, 8.7 mm



0 dB = 0.130A/m

#30 HAC_H_WCDMA V_RMC12.2K_Ch4233_Keypad1**DUT: 162005-01**

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 : 22.6 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- 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 = 0.130 A/m

Probe Modulation Factor = 0.840

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.163 A/m; Power Drift = 0.050 dB

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

Peak H-field in A/m

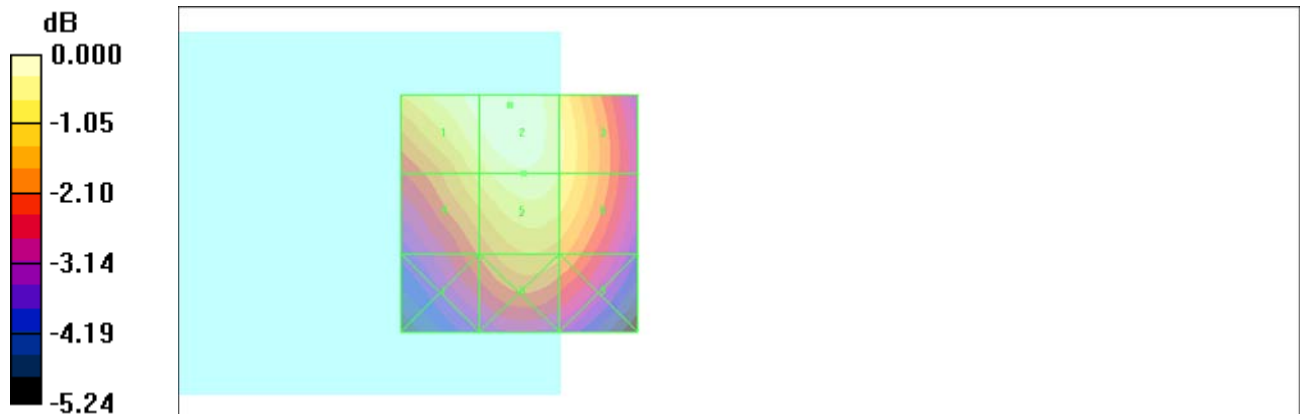
Grid 1 0.127 M4	Grid 2 0.130 M4	Grid 3 0.121 M4
Grid 4 0.117 M4	Grid 5 0.124 M4	Grid 6 0.120 M4
Grid 7 0.103 M4	Grid 8 0.111 M4	Grid 9 0.108 M4

Cursor:

Total = 0.130 A/m

H Category: M4

Location: 2, -23, 8.7 mm



#40 HAC_H_WCDMA V_RMC12.2K_Ch4233_Keypad2**DUT: 162005-01**

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 : 22.6 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- 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 = 0.120 A/m

Probe Modulation Factor = 0.840

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.146 A/m; Power Drift = -0.024 dB

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

Peak H-field in A/m

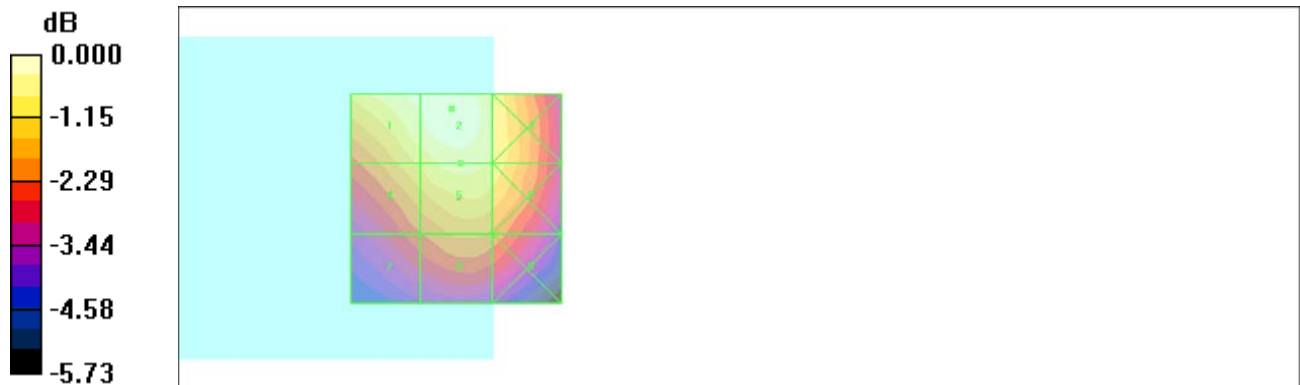
Grid 1 0.117 M4	Grid 2 0.120 M4	Grid 3 0.111 M4
Grid 4 0.106 M4	Grid 5 0.112 M4	Grid 6 0.109 M4
Grid 7 0.092 M4	Grid 8 0.097 M4	Grid 9 0.095 M4

Cursor:

Total = 0.120 A/m

H Category: M4

Location: 1, -21.5, 8.7 mm



0 dB = 0.120A/m

#25 HAC_H_WCDMA IV_RMC12.2K_Ch1312_Keypad1**DUT: 162005-01**

Communication System: WCDMA; Frequency: 1712.4 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 Sn905; Calibrated: 2011/6/24
- 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

Ch1312/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.084 A/m

Probe Modulation Factor = 0.890

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.101 A/m; Power Drift = -0.165 dB

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

Peak H-field in A/m

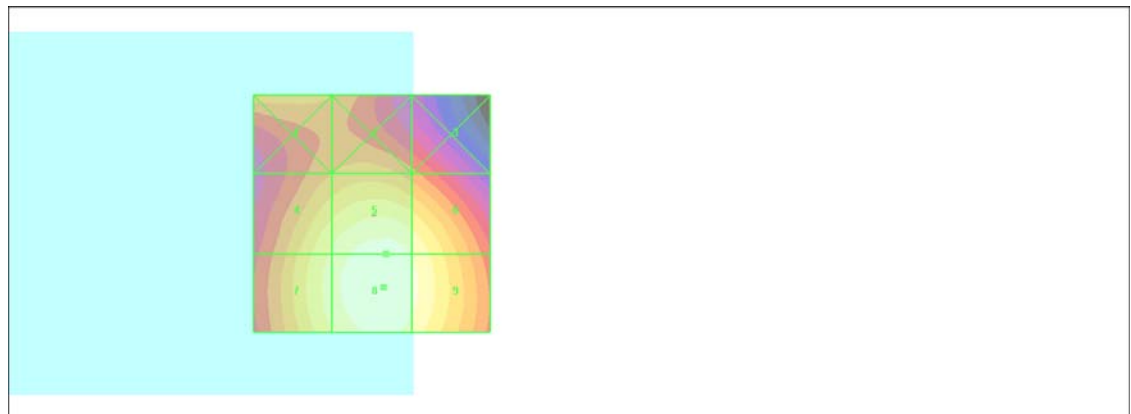
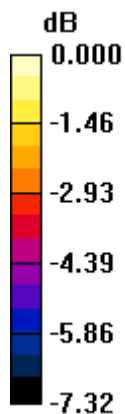
Grid 1 0.066 M4	Grid 2 0.066 M4	Grid 3 0.061 M4
Grid 4 0.076 M4	Grid 5 0.082 M4	Grid 6 0.079 M4
Grid 7 0.077 M4	Grid 8 0.084 M4	Grid 9 0.081 M4

Cursor:

Total = 0.084 A/m

H Category: M4

Location: -2.5, 15.5, 8.7 mm



0 dB = 0.084A/m

#26 HAC_H_WCDMA IV_RMC12.2K_Ch1413_Keypad1**DUT: 162005-01**

Communication System: WCDMA; Frequency: 1732.6 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 Sn905; Calibrated: 2011/6/24
- 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

Ch1413/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.079 A/m

Probe Modulation Factor = 0.890

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.091 A/m; Power Drift = -0.065 dB

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

Peak H-field in A/m

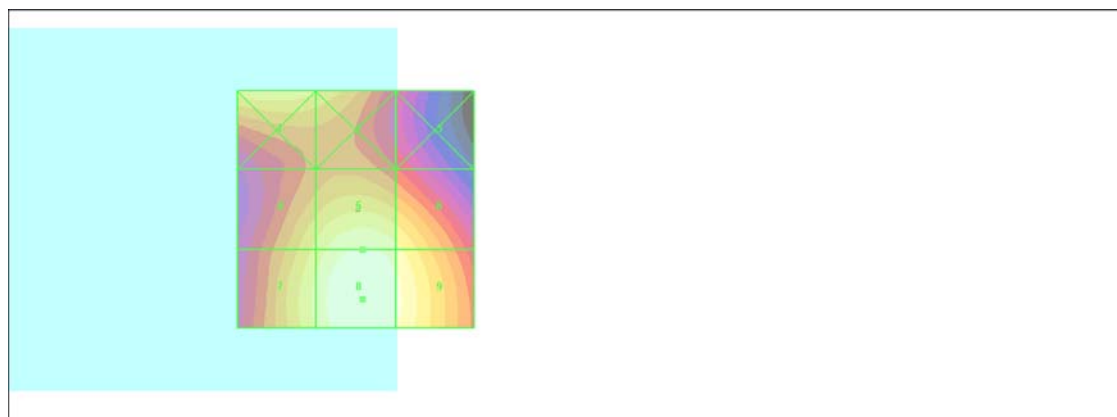
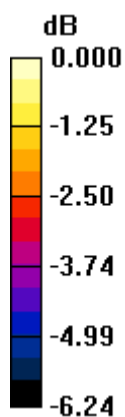
Grid 1 0.072 M4	Grid 2 0.069 M4	Grid 3 0.057 M4
Grid 4 0.069 M4	Grid 5 0.076 M4	Grid 6 0.073 M4
Grid 7 0.073 M4	Grid 8 0.079 M4	Grid 9 0.076 M4

Cursor:

Total = 0.079 A/m

H Category: M4

Location: -1.5, 19, 8.7 mm



0 dB = 0.079 A/m

#27 HAC_H_WCDMA IV_RMC12.2K_Ch1513_Keypad1**DUT: 162005-01**

Communication System: WCDMA; Frequency: 1752.6 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 Sn905; Calibrated: 2011/6/24
- 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

Ch1513/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.070 A/m

Probe Modulation Factor = 0.890

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.079 A/m; Power Drift = 0.137 dB

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

Peak H-field in A/m

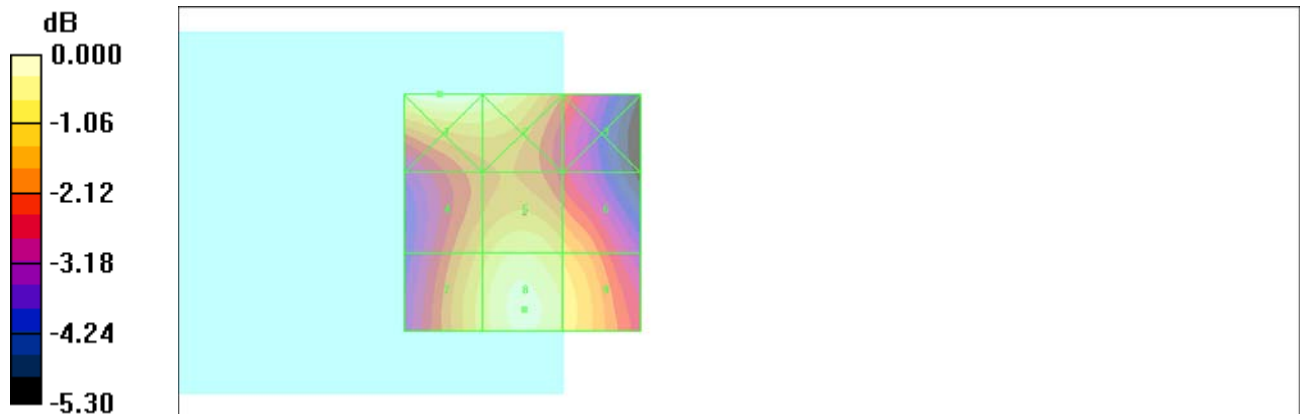
Grid 1 0.072 M4	Grid 2 0.070 M4	Grid 3 0.057 M4
Grid 4 0.062 M4	Grid 5 0.067 M4	Grid 6 0.063 M4
Grid 7 0.065 M4	Grid 8 0.070 M4	Grid 9 0.066 M4

Cursor:

Total = 0.072 A/m

H Category: M4

Location: 17.5, -25, 8.7 mm



0 dB = 0.072 A/m

#39 HAC_H_WCDMA IV_RMC12.2K_Ch1312_Keypad2**DUT: 162005-01**

Communication System: WCDMA; Frequency: 1712.4 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 Sn905; Calibrated: 2011/6/24
- 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

Ch1312/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.068 A/m

Probe Modulation Factor = 0.890

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.085 A/m; Power Drift = -0.009 dB

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

Peak H-field in A/m

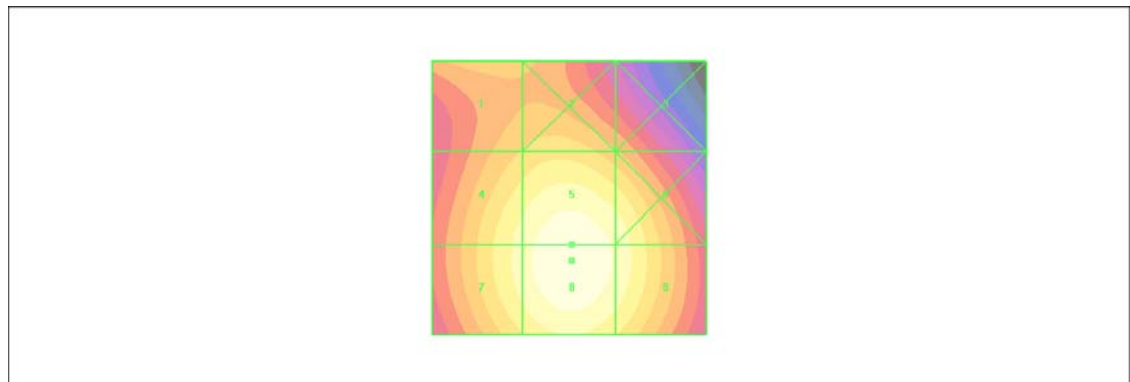
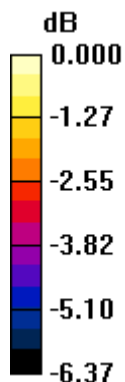
Grid 1 0.056 M4	Grid 2 0.058 M4	Grid 3 0.054 M4
Grid 4 0.063 M4	Grid 5 0.067 M4	Grid 6 0.064 M4
Grid 7 0.063 M4	Grid 8 0.068 M4	Grid 9 0.064 M4

Cursor:

Total = 0.068 A/m

H Category: M4

Location: -0.5, 11.5, 8.7 mm



0 dB = 0.068 A/m

#22 HAC_H_WCDMA II_RMC12.2K_Ch9262_Keypad1**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 0.083 A/m

Probe Modulation Factor = 0.890

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.103 A/m; Power Drift = 0.008 dB

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

Peak H-field in A/m

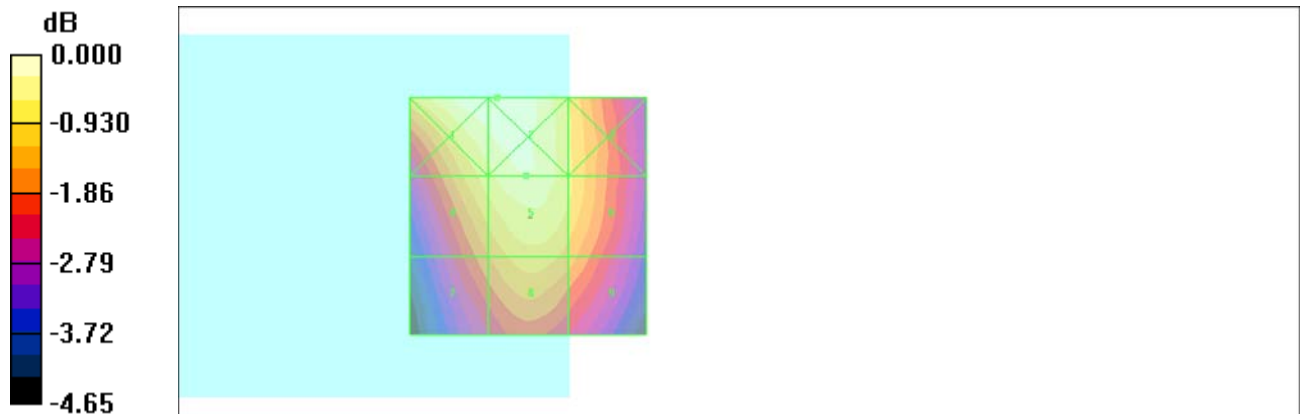
Grid 1 0.086 M4	Grid 2 0.086 M4	Grid 3 0.078 M4
Grid 4 0.079 M4	Grid 5 0.083 M4	Grid 6 0.078 M4
Grid 7 0.072 M4	Grid 8 0.076 M4	Grid 9 0.073 M4

Cursor:

Total = 0.086 A/m

H Category: M4

Location: 6.5, -25, 8.7 mm



0 dB = 0.086 A/m

#23 HAC_H_WCDMA II_RMC12.2K_Ch9400_Keypad1**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 0.086 A/m

Probe Modulation Factor = 0.890

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.109 A/m; Power Drift = -0.029 dB

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

Peak H-field in A/m

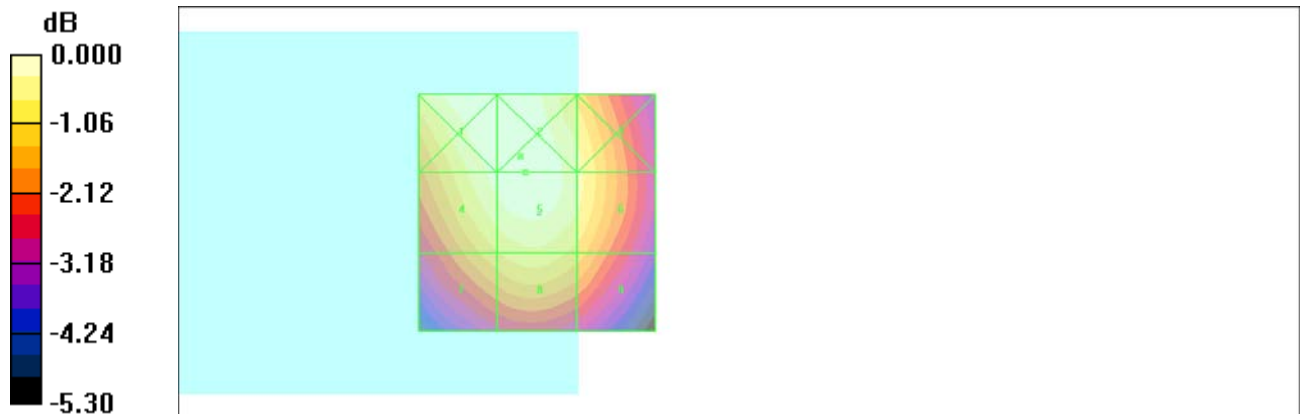
Grid 1 0.085 M4	Grid 2 0.086 M4	Grid 3 0.081 M4
Grid 4 0.084 M4	Grid 5 0.086 M4	Grid 6 0.081 M4
Grid 7 0.076 M4	Grid 8 0.079 M4	Grid 9 0.075 M4

Cursor:

Total = 0.086 A/m

H Category: M4

Location: 3.5, -12, 8.7 mm



0 dB = 0.086 A/m

#24 HAC_H_WCDMA II_RMC12.2K_Ch9538_Keypad1**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 0.089 A/m

Probe Modulation Factor = 0.890

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.114 A/m; Power Drift = 0.013 dB

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

Peak H-field in A/m

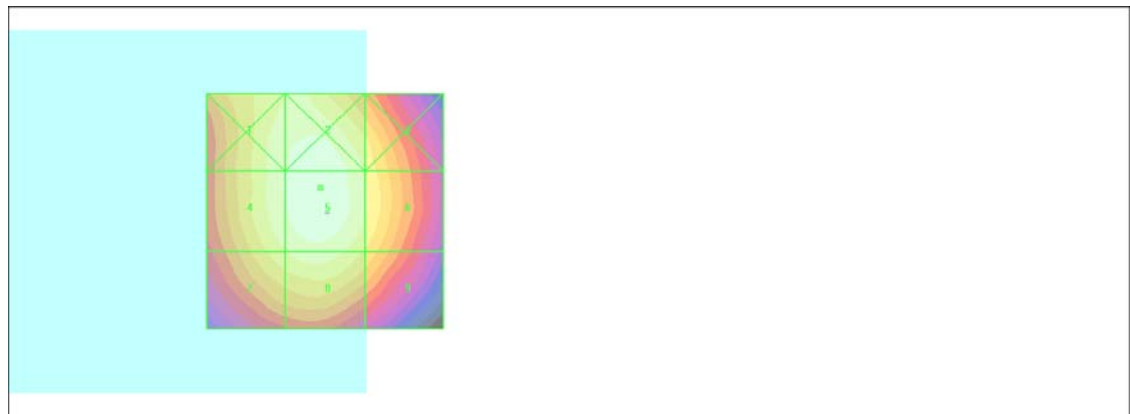
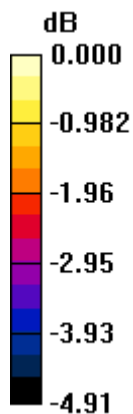
Grid 1 0.086 M4	Grid 2 0.088 M4	Grid 3 0.082 M4
Grid 4 0.086 M4	Grid 5 0.089 M4	Grid 6 0.083 M4
Grid 7 0.082 M4	Grid 8 0.085 M4	Grid 9 0.079 M4

Cursor:

Total = 0.089 A/m

H Category: M4

Location: 1, -5, 8.7 mm



0 dB = 0.089 A/m

#38 HAC_H_WCDMA II_RMC12.2K_Ch9538_Keypad2**DUT: 162005-01**

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 Sn905; Calibrated: 2011/6/24
- 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 = 0.097 A/m

Probe Modulation Factor = 0.890

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.122 A/m; Power Drift = -0.015 dB

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

Peak H-field in A/m

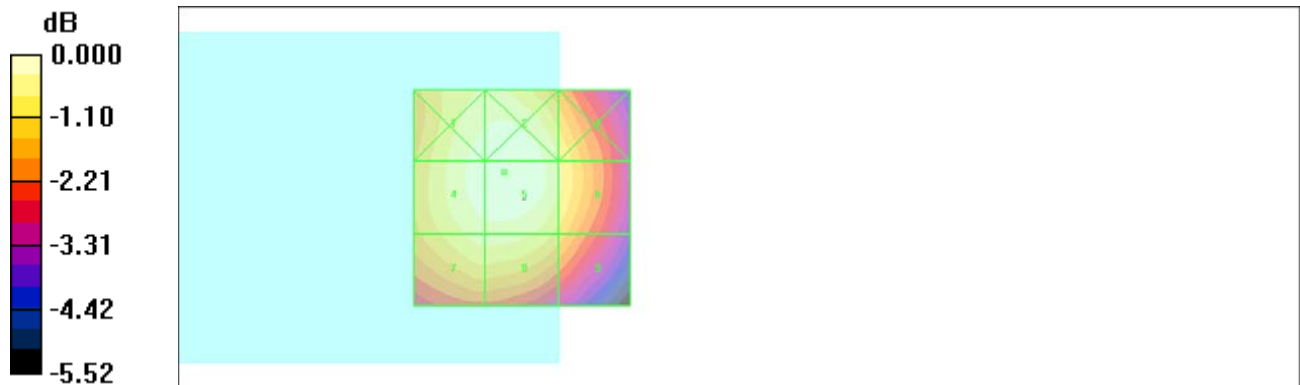
Grid 1 0.095 M4	Grid 2 0.097 M4	Grid 3 0.090 M4
Grid 4 0.096 M4	Grid 5 0.097 M4	Grid 6 0.090 M4
Grid 7 0.091 M4	Grid 8 0.091 M4	Grid 9 0.084 M4

Cursor:

Total = 0.097 A/m

H Category: M4

Location: 4, -6, 8.7 mm



0 dB = 0.097 A/m