

#01 HAC_E_GSM850_Ch251

DUT: 190794

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: DAE3 Sn495; Calibrated: 2011/4/28
- 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 = 153.3 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 75.5 V/m; Power Drift = -0.024 dB

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

Peak E-field in V/m

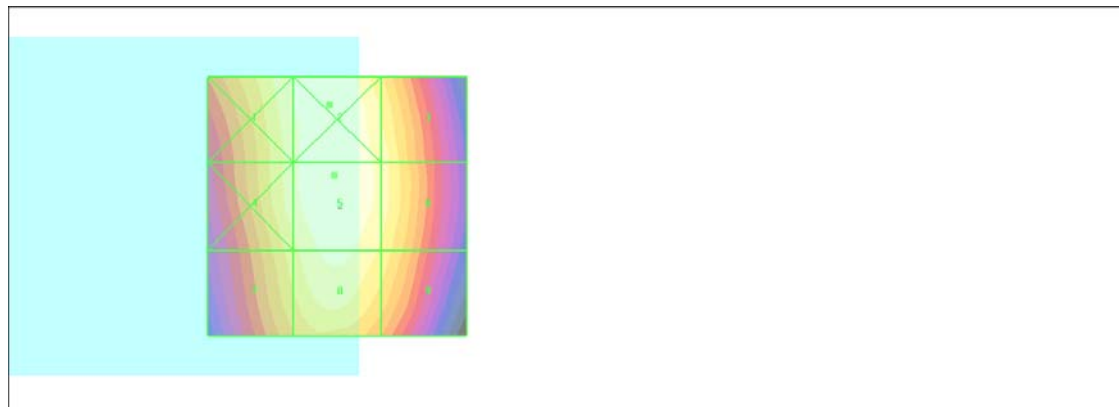
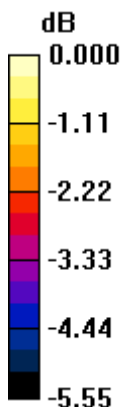
Grid 1 147.7 M4	Grid 2 153.4 M3	Grid 3 144.4 M4
Grid 4 145.4 M4	Grid 5 153.3 M3	Grid 6 144.4 M4
Grid 7 138.7 M4	Grid 8 148.8 M4	Grid 9 139.6 M4

Cursor:

Total = 153.4 V/m

E Category: M3

Location: 1.5, -19.5, 8.7 mm



0 dB = 153.4V/m

#02 HAC_E_GSM1900_Ch810

DUT: 190794

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: DAE3 Sn495; Calibrated: 2011/4/28
- 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 = 44.2 V/m

Probe Modulation Factor = 2.70

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 15.3 V/m; Power Drift = -0.038 dB

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

Peak E-field in V/m

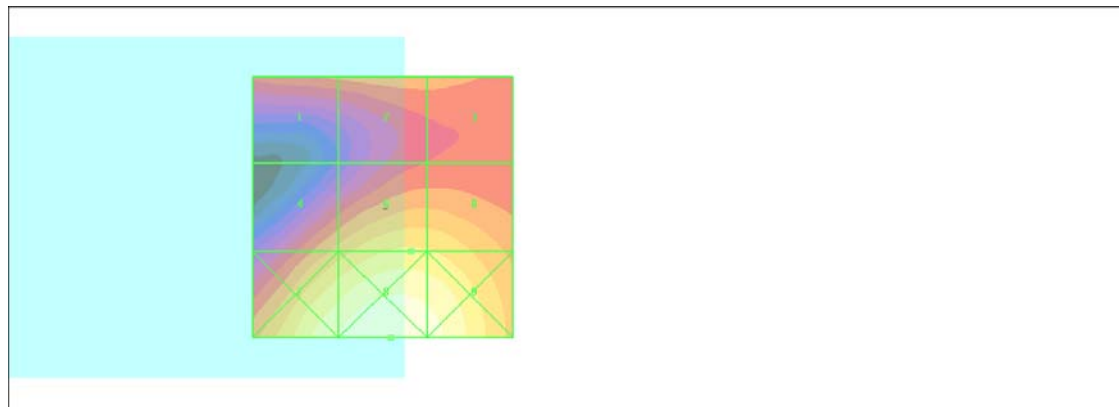
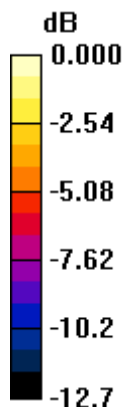
Grid 1 33.3 M4	Grid 2 34.7 M4	Grid 3 34.3 M4
Grid 4 37.3 M4	Grid 5 44.2 M4	Grid 6 43.7 M4
Grid 7 53.1 M3	Grid 8 58.0 M3	Grid 9 55.2 M3

Cursor:

Total = 58.0 V/m

E Category: M3

Location: -1.5, 25, 8.7 mm



0 dB = 58.0V/m

#03 HAC_E_WCDMA_IV_RMC12.2K_Ch1513

DUT: 190794

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 : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- 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 = 33.3 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 34.0 V/m; Power Drift = -0.071 dB

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

Peak E-field in V/m

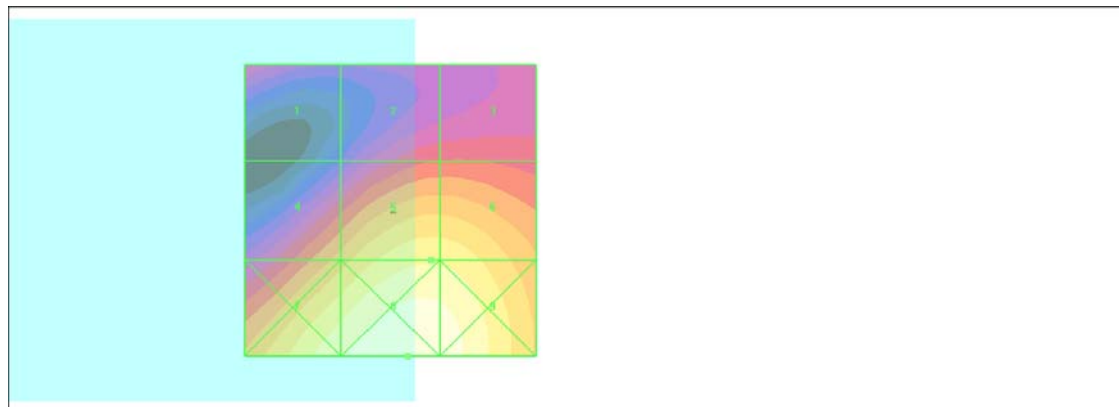
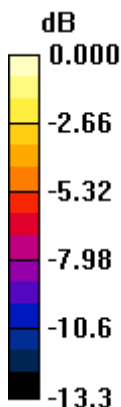
Grid 1 18.5 M4	Grid 2 20.4 M4	Grid 3 20.5 M4
Grid 4 26.2 M4	Grid 5 33.3 M4	Grid 6 33.2 M4
Grid 7 37.1 M4	Grid 8 41.4 M4	Grid 9 39.9 M4

Cursor:

Total = 41.4 V/m

E Category: M4

Location: -3, 25, 8.7 mm



0 dB = 41.4V/m

#04 HAC_H_GSM850_Ch251

DUT: 190794

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: DAE3 Sn495; Calibrated: 2011/4/28
- 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 = 0.159 A/m

Probe Modulation Factor = 1.42

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.059 A/m; Power Drift = 0.177 dB

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

Peak H-field in A/m

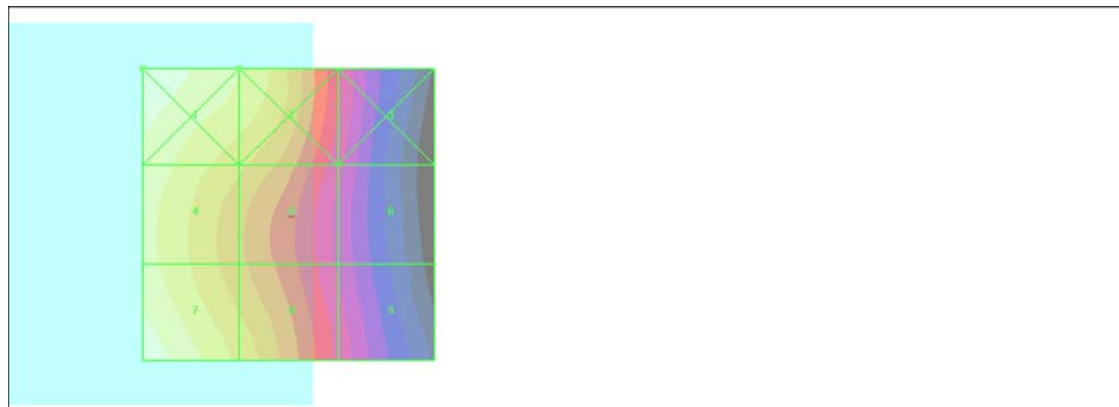
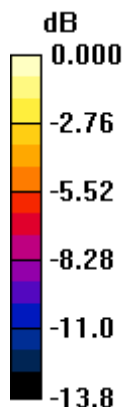
Grid 1 0.163 M4	Grid 2 0.132 M4	Grid 3 0.071 M4
Grid 4 0.142 M4	Grid 5 0.110 M4	Grid 6 0.065 M4
Grid 7 0.159 M4	Grid 8 0.116 M4	Grid 9 0.068 M4

Cursor:

Total = 0.163 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.163A/m

#05 HAC_H_GSM1900_Ch810

DUT: 190794

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 : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- 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 = 0.064 A/m

Probe Modulation Factor = 1.28

Device Reference Point: 0.000, 0.000, -6.30 mm

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

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

Peak H-field in A/m

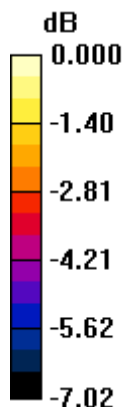
Grid 1 0.059 M4	Grid 2 0.064 M4	Grid 3 0.064 M4
Grid 4 0.061 M4	Grid 5 0.064 M4	Grid 6 0.064 M4
Grid 7 0.085 M4	Grid 8 0.062 M4	Grid 9 0.057 M4

Cursor:

Total = 0.085 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.085A/m

#06 HAC_H_WCDMA IV_RMC12.2k_CH1513

DUT: 190794

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 : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- 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 = 0.046 A/m

Probe Modulation Factor = 0.510

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

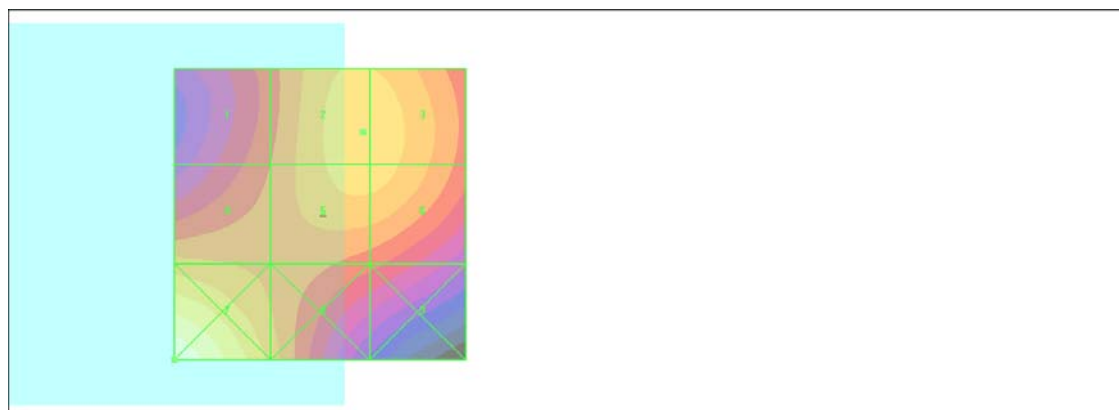
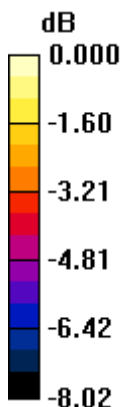
Grid 1 0.039 M4	Grid 2 0.046 M4	Grid 3 0.046 M4
Grid 4 0.042 M4	Grid 5 0.045 M4	Grid 6 0.045 M4
Grid 7 0.056 M4	Grid 8 0.043 M4	Grid 9 0.037 M4

Cursor:

Total = 0.056 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.056A/m