

Date/Time: 3/19/2008 9:04:13 AM

Test Laboratory: Compliance Certification Services Inc.

HAC_E_Dipole_-835MHz

DUT: HAC-Dipole 835 MHz; Type: D835V3; Serial: 1031

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan 10mm above CD 835 MHz/Hearing Aid Compatibility Test

(41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 158.1 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 113.5 V/m; Power Drift = 0.006 dB

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

Peak E-field in V/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 154.0 M4 | Grid 2 159.6 M4 | Grid 3 155.3 M4 |
| Grid 4 78.1 M4 | Grid 5 83.1 M4 | Grid 6 82.2 M4 |
| Grid 7 143.3 M4 | Grid 8 158.1 M4 | Grid 9 146.2 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

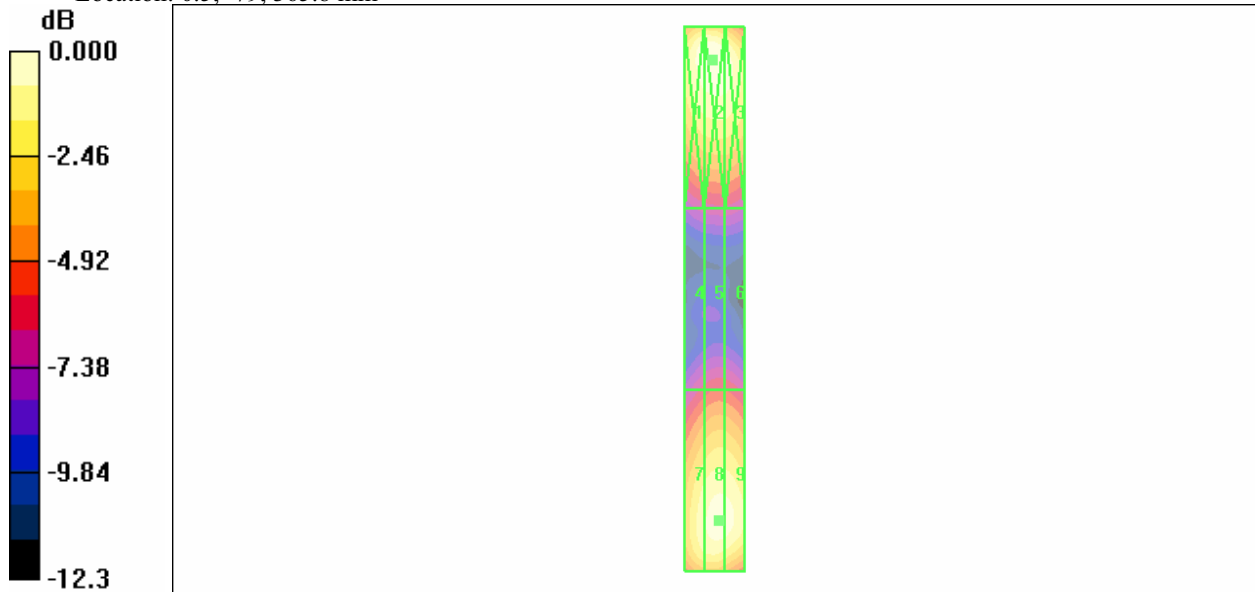
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 159.6 V/m

E Category: M4

Location: 0.5, -79, 365.8 mm



0 dB = 159.6V/m

Date/Time: 3/19/2008 9:25:31 AM

Test Laboratory: Compliance Certification Services Inc.

HAC_E_Dipole_-835MHz(AM 80%)

DUT: HAC-Dipole 835 MHz; Type: D835V3; Serial: 1031

Communication System: AM 80%; Frequency: 835 MHz; Duty Cycle: 1:1

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan 10mm above CD 835 MHz/Hearing Aid Compatibility Test

(41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 97.8 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 71.2 V/m; Power Drift = 0.010 dB

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

Peak E-field in V/m

| | | |
|--------------------------|--------------------------|--------------------------|
| Grid 1 97.6 M4 | Grid 2 98.8 M4 | Grid 3 95.0 M4 |
| Grid 4 49.4 M4 | Grid 5 54.4 M4 | Grid 6 53.1 M4 |
| Grid 7 95.6 M4 | Grid 8 97.8 M4 | Grid 9 95.2 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

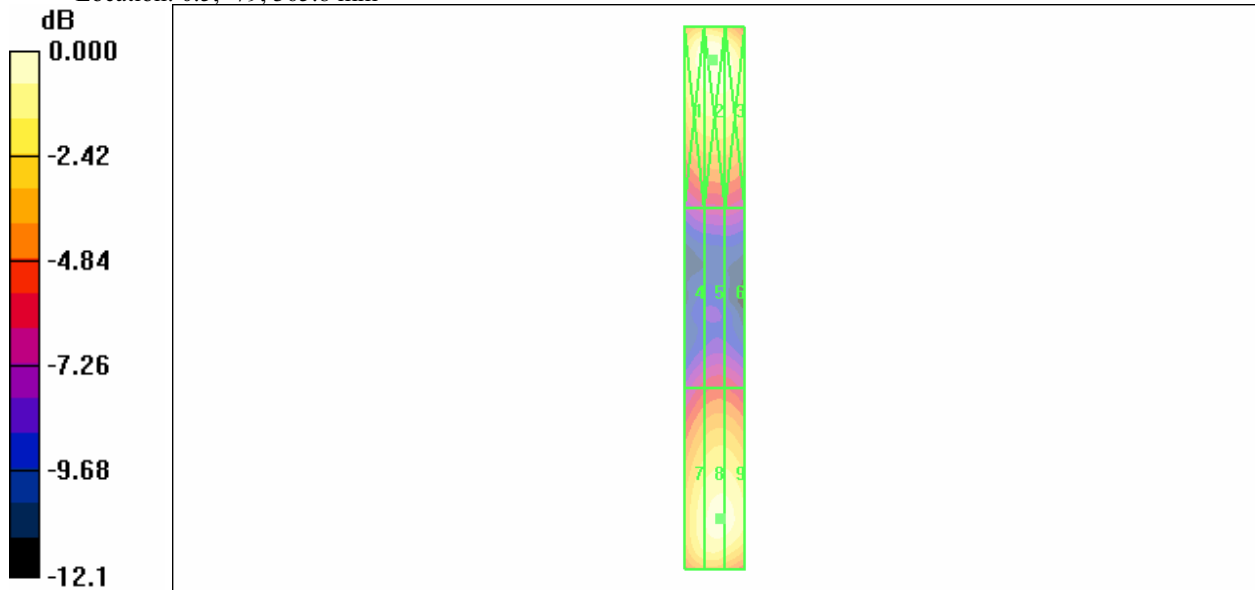
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 98.8 V/m

E Category: M4

Location: 0.5, -79, 365.8 mm



0 dB = 99.8V/m

Date/Time: 3/19/2008 9:51:05 AM

Test Laboratory: Compliance Certification Services Inc.

HAC_E_Dipole_-835MHz-GSM

DUT: HAC-Dipole 835 MHz; Type: D835V3; Serial: 1031

Communication System: GSM; Frequency: 835 MHz; Duty Cycle: 1:1

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

Phantom section: E Device Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan 10mm above CD 835 MHz/Hearing Aid Compatibility Test

(41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 71.1 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 21.2 V/m; Power Drift = 0.004 dB

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

Peak E-field in V/m

| | | |
|--------------------------|--------------------------|--------------------------|
| Grid 1 63.7 M4 | Grid 2 77.6 M4 | Grid 3 67.2 M4 |
| Grid 4 32.6 M4 | Grid 5 33.2 M4 | Grid 6 32.4 M4 |
| Grid 7 62.8 M4 | Grid 8 71.1 M4 | Grid 9 60.1 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

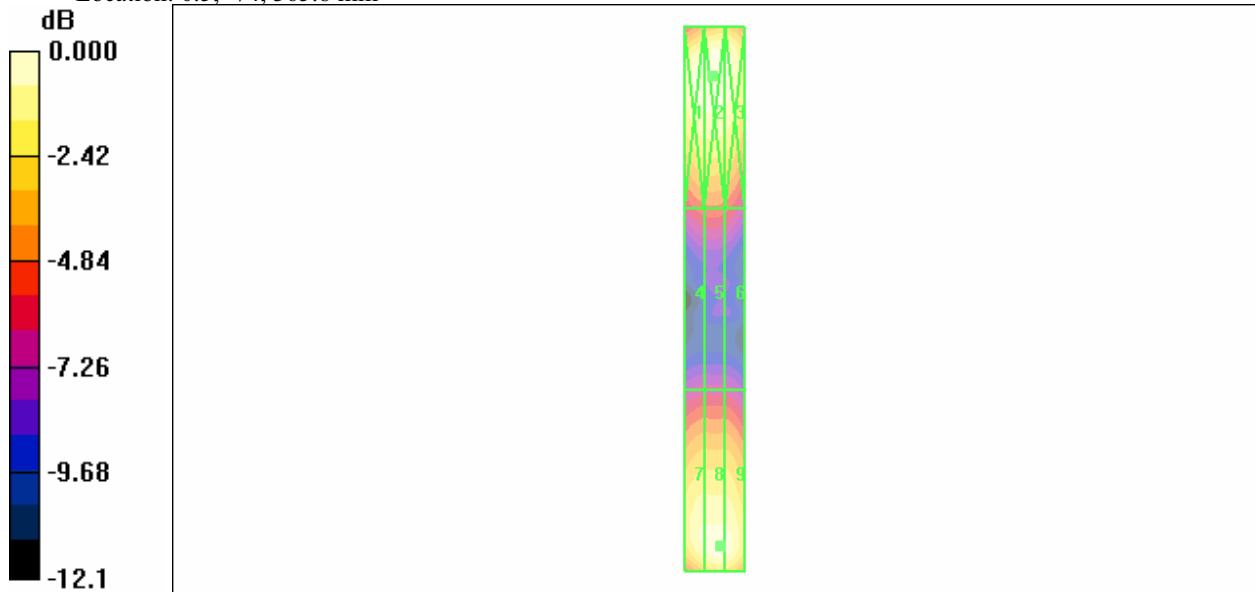
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 77.6 V/m

E Category: M4

Location: 0.5, -74, 365.8 mm



Date/Time: 3/19/2008 10:17:09 AM

Test Laboratory: Compliance Certification Services Inc.

HAC_E_Dipole_-835MHz(CDMA)

DUT: HAC-Dipole 835 MHz; Type: D835V3; Serial: 1031

Communication System: CDMA ; Frequency: 835 MHz; Duty Cycle: 1:1

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan 10mm above CD 835 MHz/Hearing Aid Compatibility Test

(41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 144.6 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 110.1 V/m; Power Drift = 0.012 dB

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

Peak E-field in V/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 150.4 M4 | Grid 2 156.0 M4 | Grid 3 152.6 M4 |
| Grid 4 78.4 M4 | Grid 5 82.2 M4 | Grid 6 79.6 M4 |
| Grid 7 143.8 M4 | Grid 8 144.6 M4 | Grid 9 143.2 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

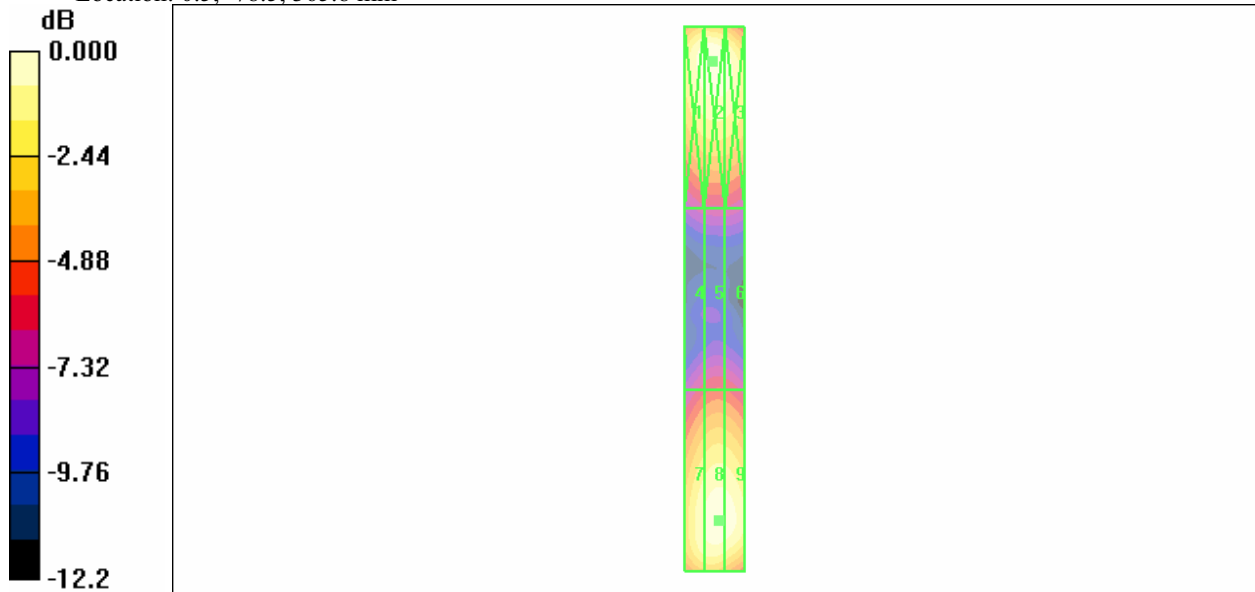
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 156.0 V/m

E Category: M4

Location: 0.5, -78.5, 365.8 mm



0 dB = 156.0V/m

Date/Time: 3/19/2008 10:42:09 AM

Test Laboratory: Compliance Certification Services Inc.

HAC_E_Dipole_-1880MHz

DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: 1024

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

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan 10mm above CD 1880 MHz/Hearing Aid Compatibility Test

(41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 135.8 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 134.8 V/m; Power Drift = 0.011 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 129.4 M2 | Grid 2 136.6 M2 | Grid 3 127.7 M2 |
| Grid 4 82.2 M3 | Grid 5 85.5 M3 | Grid 6 84.1 M3 |
| Grid 7 126.4 M2 | Grid 8 135.8 M2 | Grid 9 126.8 M2 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

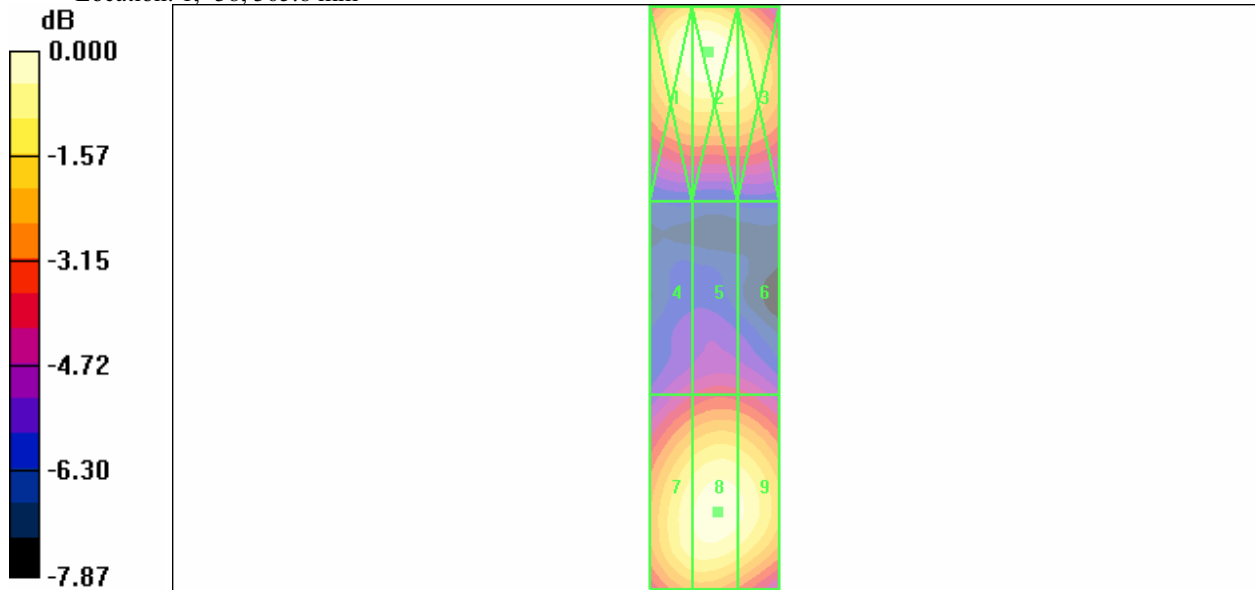
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 136.6 V/m

E Category: M2

Location: 1, -38, 365.8 mm



0 dB = 136.6V/m

Date/Time: 3/19/2008 11:05:09 AM

Test Laboratory: Compliance Certification Services Inc.

HAC_E_Dipole_-1880MHz(AM 80%)

DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: 1024

Communication System: AM 80%; Frequency: 1880 MHz; Duty Cycle: 1:1

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan 10mm above CD 1880 MHz/Hearing Aid Compatibility Test

(41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 83.6 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 84.4 V/m; Power Drift = 0.018 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

| | | |
|--------------------------|--------------------------|--------------------------|
| Grid 1 82.2 M3 | Grid 2 83.5 M3 | Grid 3 78.8 M3 |
| Grid 4 54.5 M4 | Grid 5 57.2 M4 | Grid 6 54.6 M4 |
| Grid 7 78.1 M3 | Grid 8 83.6 M3 | Grid 9 80.4 M3 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

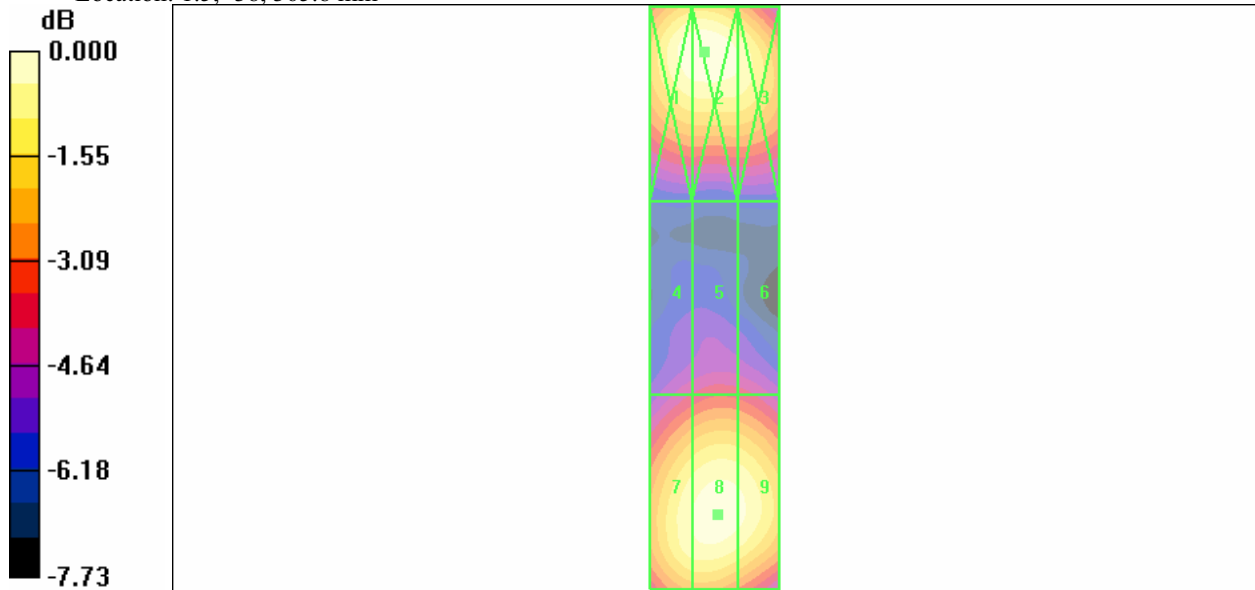
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 83.5 V/m

E Category: M3

Location: 1.5, -38, 365.8 mm



0 dB = 83.5V/m

Date/Time: 3/19/2008 11:28:15 AM

Test Laboratory: Compliance Certification Services Inc.

HAC_E_Dipole_-1880MHz-GSM

DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: 1024

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

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

Phantom section: E Dipole Section

Measurement Standard: DAS4 (High Precision Assessment)

DAS4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan 10mm above CD 1880 MHz/Hearing Aid Compatibility Test

(41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 63.2 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 52.1 V/m; Power Drift = 0.013 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

| | | |
|--------------------------|--------------------------|--------------------------|
| Grid 1 59.9 M3 | Grid 2 64.4 M3 | Grid 3 57.5 M3 |
| Grid 4 38.4 M4 | Grid 5 35.8 M4 | Grid 6 36.6 M4 |
| Grid 7 47.6 M4 | Grid 8 63.2 M3 | Grid 9 48.9 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

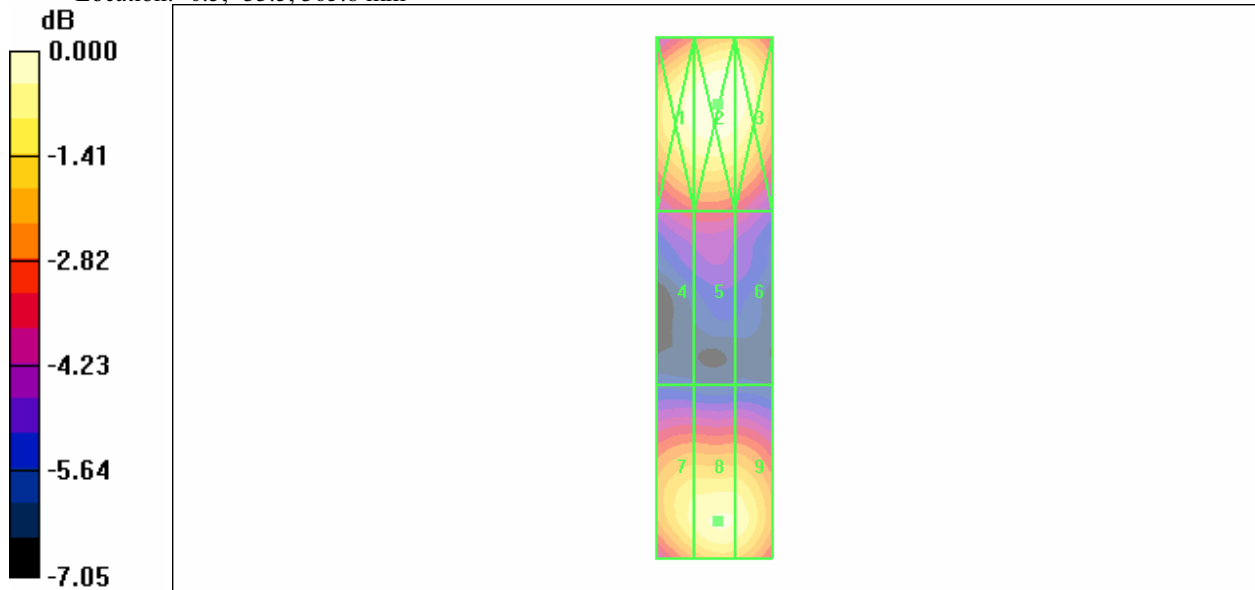
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 64.4 V/m

E Category: M3

Location: -0.5, -33.5, 365.8 mm



0 dB = 64.4V/m

Date/Time: 3/19/2008 11:55:31 AM

Test Laboratory: Compliance Certification Services Inc.

HAC_E_Dipole_-1880MHz(WCDMA)

DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: 1024

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

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan 10mm above CD 1880 MHz/Hearing Aid Compatibility Test

(41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 122.4 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 125.6 V/m; Power Drift = 0.014 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 123.2 M2 | Grid 2 126.0 M2 | Grid 3 124.1 M2 |
| Grid 4 77.2 M3 | Grid 5 82.3 M3 | Grid 6 78.9 M3 |
| Grid 7 119.6 M2 | Grid 8 122.4 M2 | Grid 9 118.8 M2 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

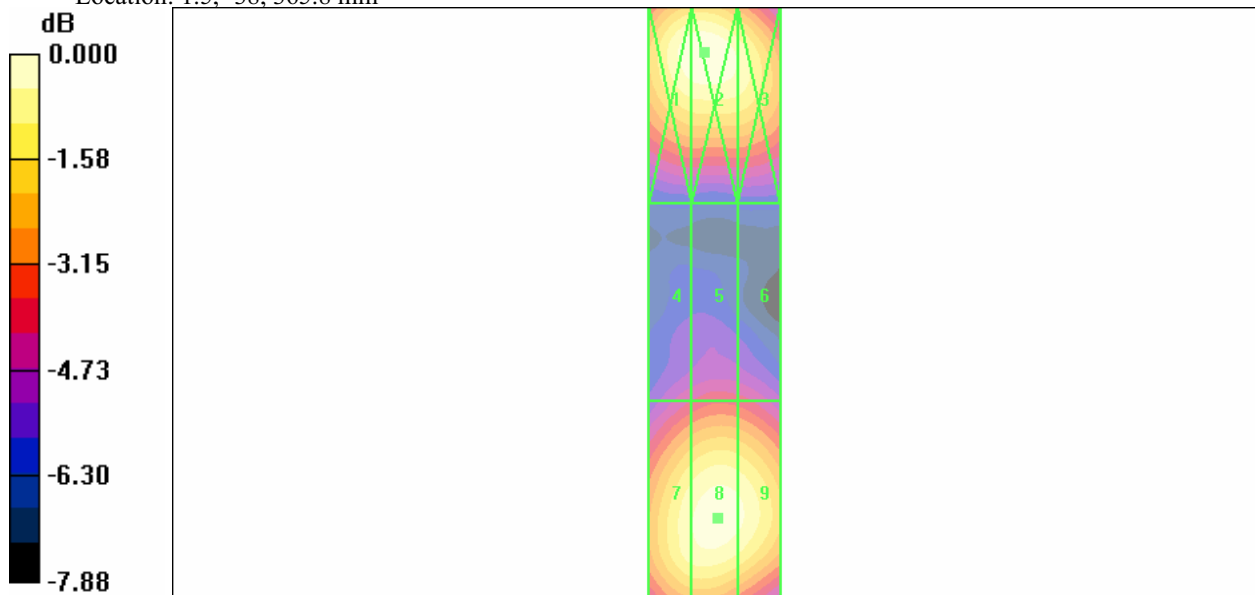
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 126.0 V/m

E Category: M2

Location: 1.5, -38, 365.8 mm



0 dB = 126.0V/m

Date/Time: 3/19/2008 1:21:05 PM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_Dipole_835MHz-CW

DUT: HAC-Dipole 835 MHz; Type: CD835V3; Serial: 1031

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

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

Phantom section: H Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan 10mm above CD 835 MHz/Hearing Aid Compatibility Test

(41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.463 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.485 A/m; Power Drift = 0.015 dB

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

Peak H-field in A/m

| | | |
|-----------------|-----------------|-----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.390 M4 | 0.418 M4 | 0.398 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.422 M4 | 0.463 M4 | 0.448 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.372 M4 | 0.401 M4 | 0.397 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

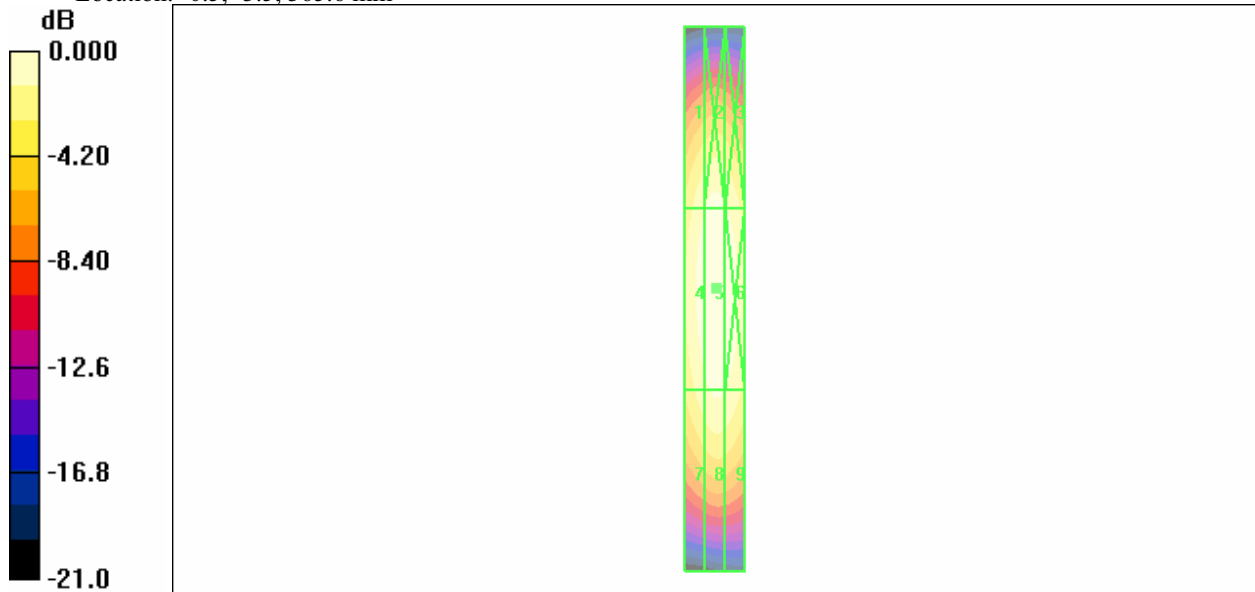
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.463 A/m

H Category: M4

Location: -0.5, -3.5, 365.6 mm



0 dB = 0.463A/m

Date/Time: 3/19/2008 1:44:20 PM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_Dipole_835MHz-AM

DUT: HAC-Dipole 835 MHz; Type: CD835V3; Serial: 1031

Communication System: AM 80%; Frequency: 835 MHz; Duty Cycle: 1:1

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

Phantom section: H Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan 10mm above CD 835 MHz/Hearing Aid Compatibility Test

(41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.288 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.320 A/m; Power Drift = 0.012 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.232 M4 | Grid 2 0.256 M4 | Grid 3 0.245 M4 |
| Grid 4 0.268 M4 | Grid 5 0.291 M4 | Grid 6 0.279 M4 |
| Grid 7 0.229 M4 | Grid 8 0.254 M4 | Grid 9 0.248 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

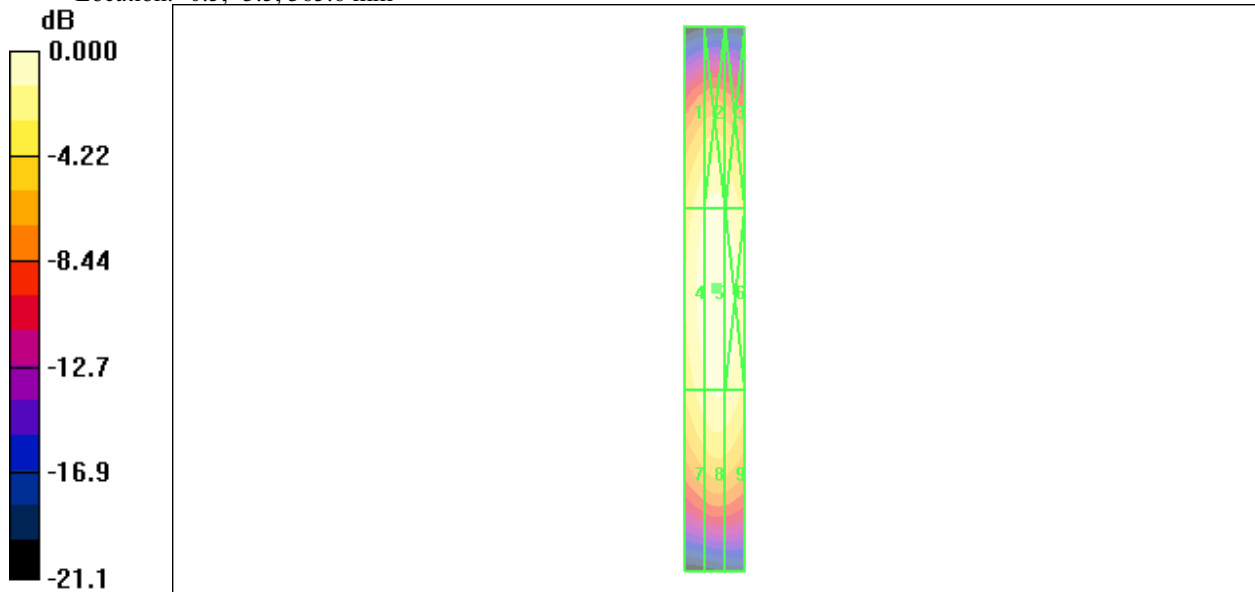
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.291 A/m

H Category: M4

Location: -0.5, -3.5, 365.6 mm



0 dB = 0.291A/m

Date/Time: 3/19/2008 2:08:14 PM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_Dipole_835MHz-GSM

DUT: HAC-Dipole 835 MHz; Type: D835V3; Serial: 1031

Communication System: GSM; Frequency: 835 MHz; Duty Cycle: 1:1

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

Phantom section: H Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan 10mm above CD 835 MHz/Hearing Aid Compatibility Test

(41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.212 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.171 A/m; Power Drift = 0.011 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.186 M4 | Grid 2 0.196 M4 | Grid 3 0.194 M4 |
| Grid 4 0.201 M4 | Grid 5 0.212 M4 | Grid 6 0.208 M4 |
| Grid 7 0.185 M4 | Grid 8 0.195 M4 | Grid 9 0.192 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

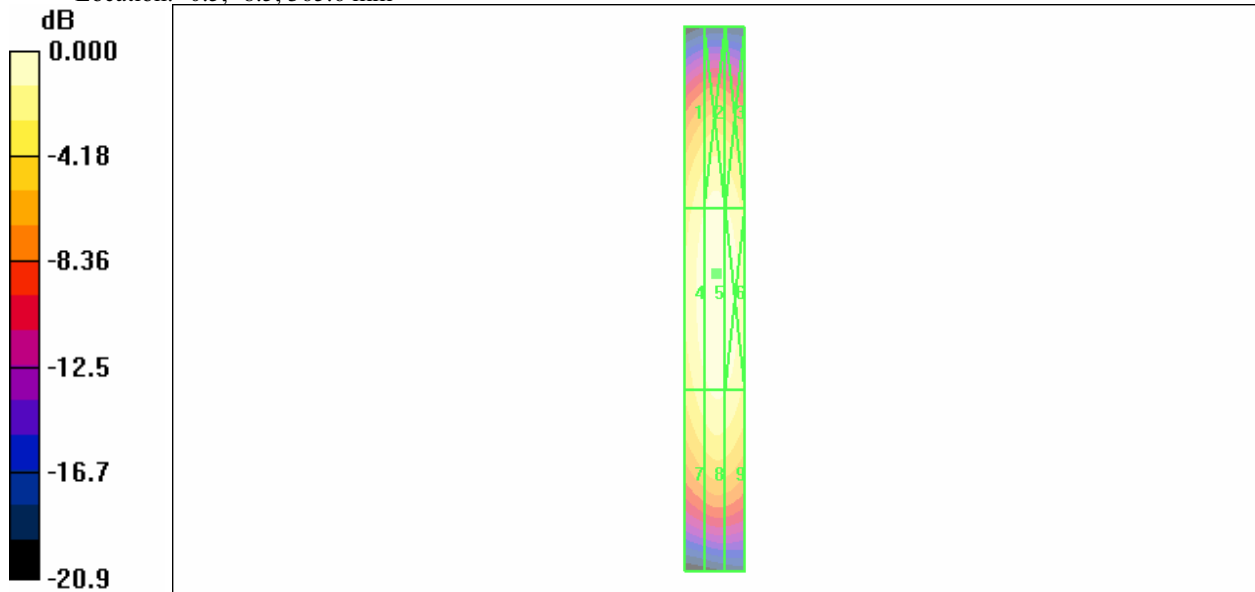
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.212 A/m

H Category: M4

Location: -0.5, -8.5, 365.6 mm



0 dB = 0.212A/m

Date/Time: 3/19/2008 2:32:33 PM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_Dipole_835MHz-WCDMA

DUT: HAC-Dipole 835 MHz; Type: D835V3; Serial: 1031

Communication System: CDMA; Frequency: 835 MHz; Duty Cycle: 1:1

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

Phantom section: H Dipole Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan 10mm above CD 835 MHz/Hearing Aid Compatibility Test

(41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.441 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.468 A/m; Power Drift = 0.010 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.367 M4 | Grid 2 0.390 M4 | Grid 3 0.369 M4 |
| Grid 4 0.414 M4 | Grid 5 0.441 M4 | Grid 6 0.418 M4 |
| Grid 7 0.356 M4 | Grid 8 0.382 M4 | Grid 9 0.366 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

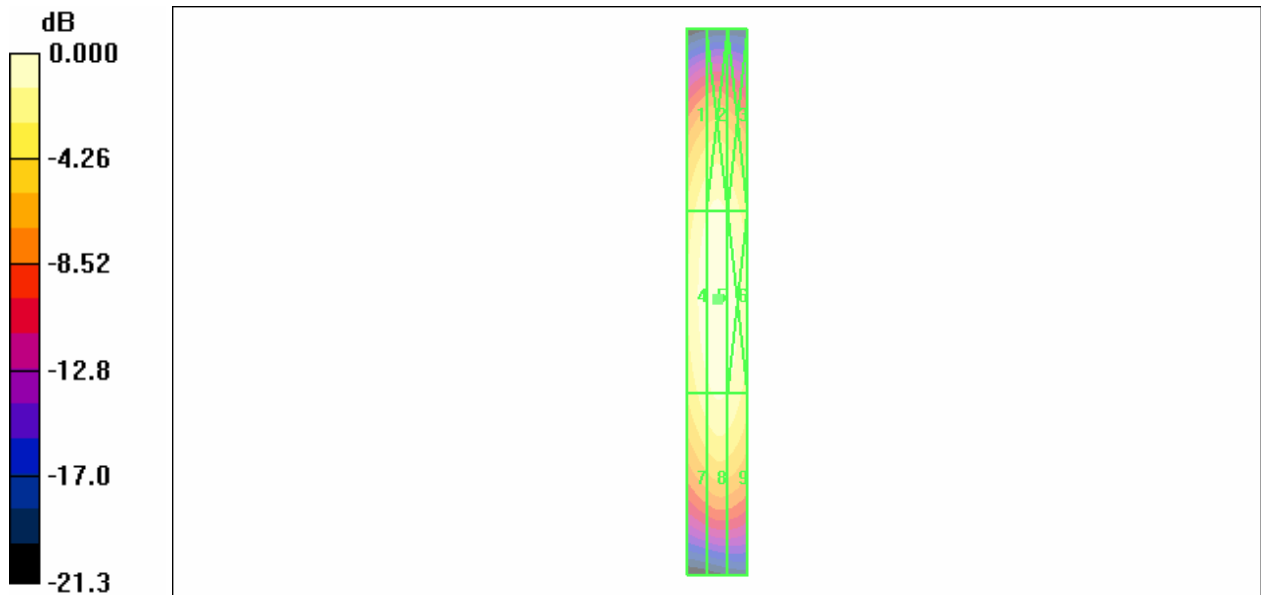
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.441 A/m

H Category: M4

Location: 0, -1, 365.6 mm



0 dB = 0.441A/m

Date/Time: 3/19/2008 2:53:06 PM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_Dipole_1880MHz-CW

DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: 1024

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

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

Phantom section: H Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H3DV6 probe tip 10mm above Device Reference/Hearing Aid

Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.458 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.522 A/m; Power Drift = 0.034 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

| | | |
|-----------------|-----------------|-----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.403 M2 | 0.431 M2 | 0.416 M2 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.435 M2 | 0.458 M2 | 0.478 M2 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.400 M2 | 0.420 M2 | 0.408 M2 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

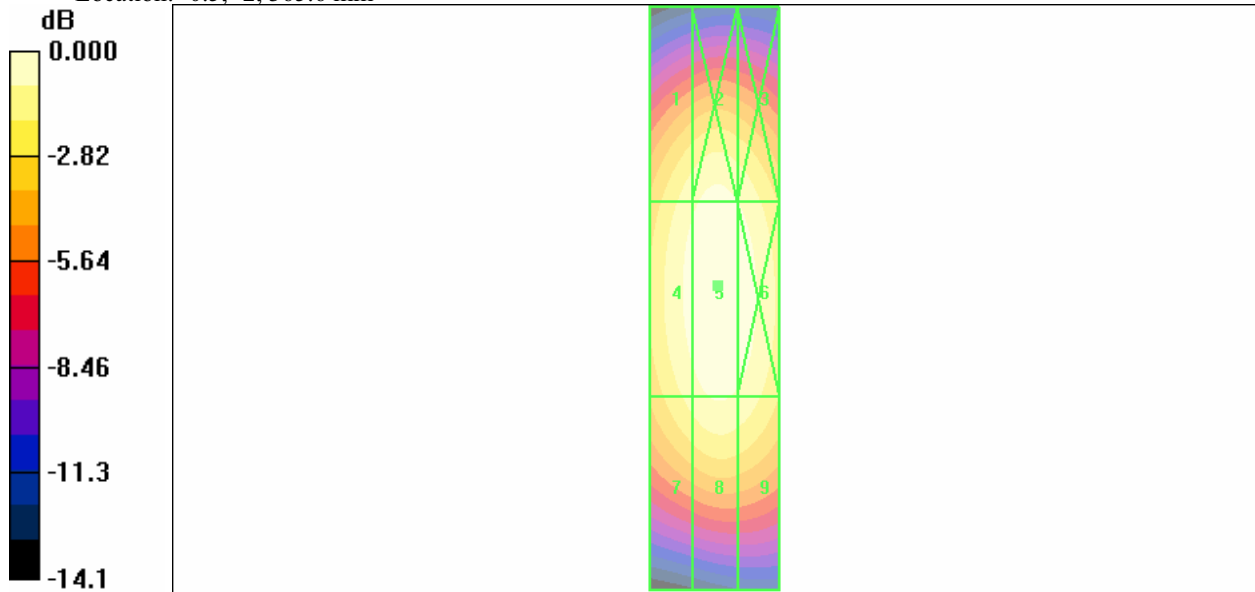
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.458 A/m

H Category: M2

Location: -0.5, -2, 365.6 mm



0 dB = 0.458A/m

Date/Time: 3/19/2008 3:18:02 PM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_Dipole_1880MHz-AM

DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: 1024

Communication System: AM 80%; Frequency: 1880 MHz; Duty Cycle: 1:1

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

Phantom section: H Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H3DV6 probe tip 10mm above Device Reference/Hearing Aid

Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.323 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.350 A/m; Power Drift = 0.011 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.274 M3 | Grid 2 0.299 M3 | Grid 3 0.288 M3 |
| Grid 4 0.296 M3 | Grid 5 0.323 M3 | Grid 6 0.302 M3 |
| Grid 7 0.257 M3 | Grid 8 0.295 M3 | Grid 9 0.275 M3 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

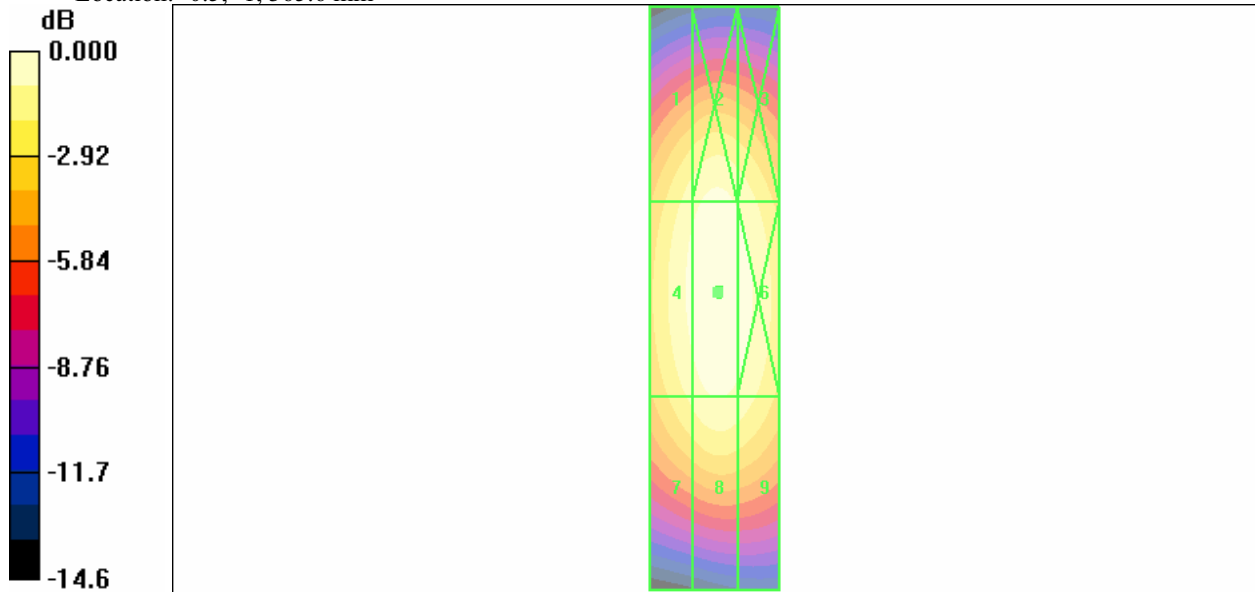
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.323 A/m

H Category: M3

Location: -0.5, -1, 365.6 mm



0 dB = 0.323A/m

Date/Time: 3/19/2008 3:49:22 PM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_Dipole_1880MHz-GSM

DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: 1024

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

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

Phantom section: H Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H3DV6 probe tip 10mm above Device Reference/Hearing Aid

Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.222 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.175 A/m; Power Drift = 0.0008 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.204 M3 | Grid 2 0.213 M3 | Grid 3 0.208 M3 |
| Grid 4 0.216 M3 | Grid 5 0.222 M3 | Grid 6 0.215 M3 |
| Grid 7 0.204 M3 | Grid 8 0.207 M3 | Grid 9 0.203 M3 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

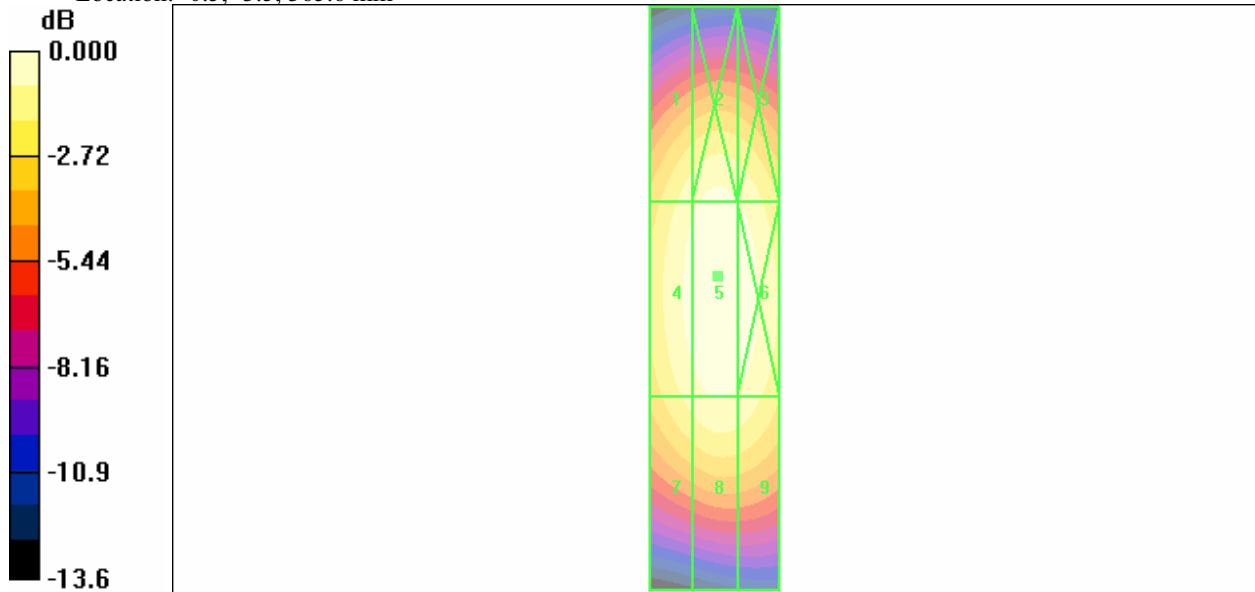
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.222 A/m

H Category: M3

Location: -0.5, -3.5, 365.6 mm



0 dB = 0.222A/m

Date/Time: 3/19/2008 4:21:44 PM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_Dipole_1880MHz-WCDMA

DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: 1024

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

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

Phantom section: H Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H3DV6 probe tip 10mm above Device Reference/Hearing Aid

Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.450 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.480 A/m; Power Drift = 0.011 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

| | | |
|-----------------|-----------------|-----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.398 M2 | 0.413 M2 | 0.375 M2 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.432 M2 | 0.450 M2 | 0.424 M2 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.394 M2 | 0.421 M2 | 0.392 M2 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

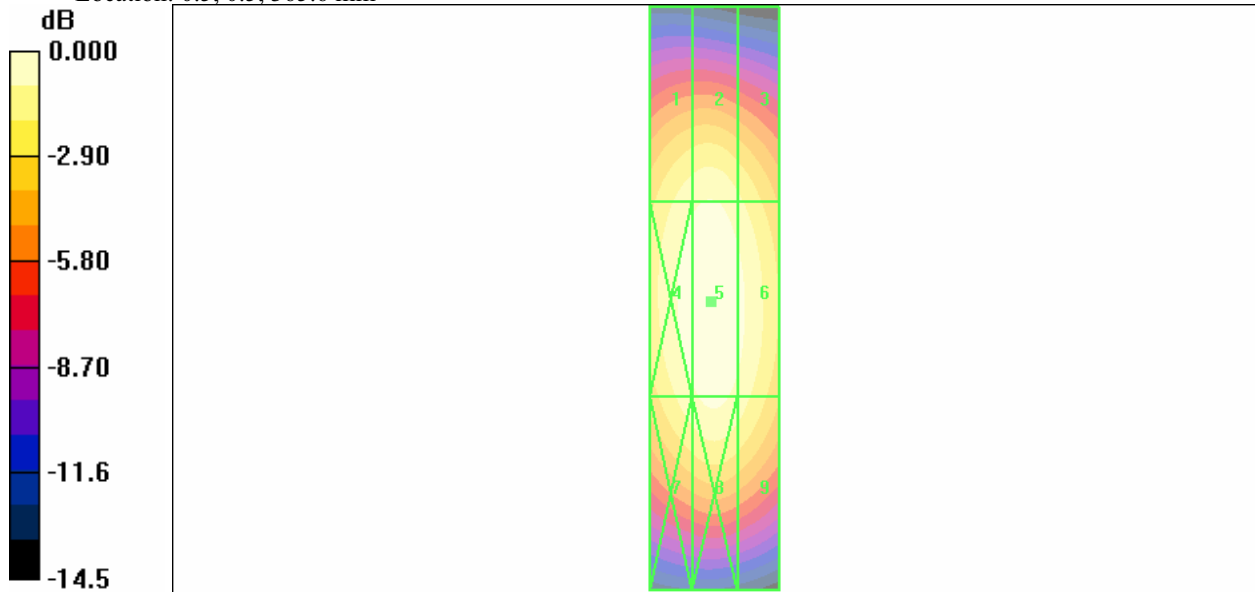
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.450 A/m

H Category: M2

Location: 0.5, 0.5, 365.6 mm



0 dB = 0.450A/m

Date/Time: 3/19/2008 5:55:36 PM

HAC_E_SCAN_GSM 835 ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -Low/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 105.7 V/m

Probe Modulation Factor = 2.22

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 46.7 V/m; Power Drift = 0.015 dB

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

Peak E-field in V/m

| | | |
|--------------------------|---------------------------|---------------------------|
| Grid 1 73.7 M4 | Grid 2 115.9 M4 | Grid 3 115.3 M4 |
| Grid 4 56.2 M4 | Grid 5 105.7 M4 | Grid 6 107.1 M4 |
| Grid 7 49.6 M4 | Grid 8 90.5 M4 | Grid 9 93.5 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

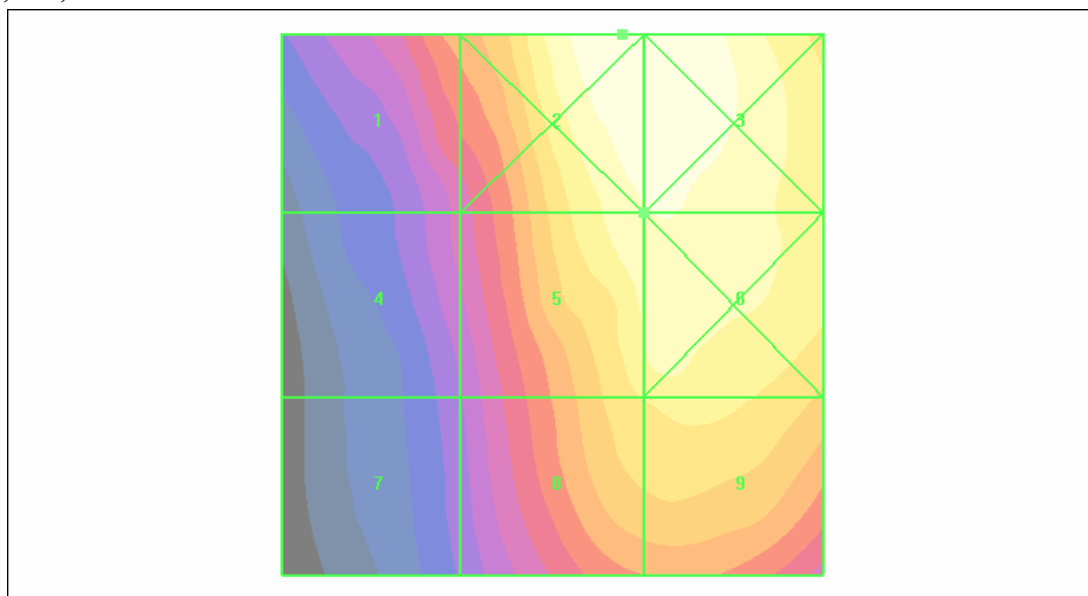
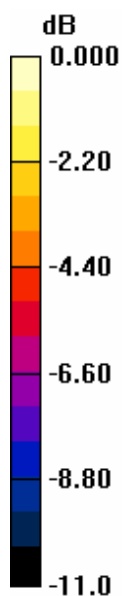
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 115.9 V/m

E Category: M4

Location: -6.5, -25, 365.8 mm



0 dB = 115.9V/m

Date/Time: 3/19/2008 5:44:10 PM

HAC_E_SCAN_GSM 835 ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -Middle/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 119.2 V/m

Probe Modulation Factor = 2.22

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 52.8 V/m; Power Drift = 0.012 dB

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

Peak E-field in V/m

| | | |
|--------------------------|---------------------------|---------------------------|
| Grid 1 88.2 M4 | Grid 2 131.9 M4 | Grid 3 133.2 M4 |
| Grid 4 73.8 M4 | Grid 5 119.2 M4 | Grid 6 122.8 M4 |
| Grid 7 67.6 M4 | Grid 8 106.5 M4 | Grid 9 108.8 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

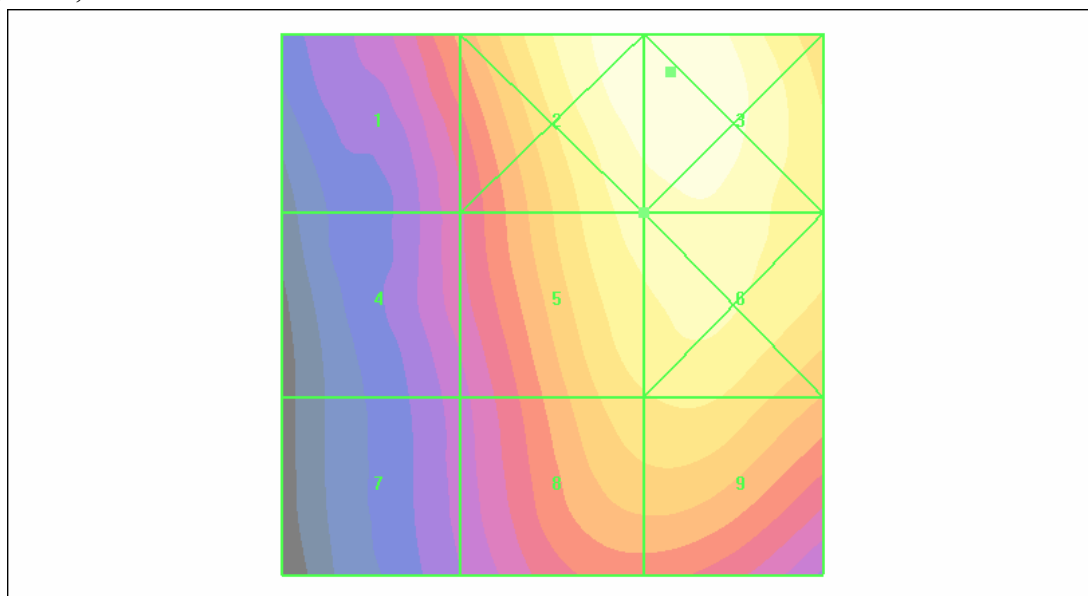
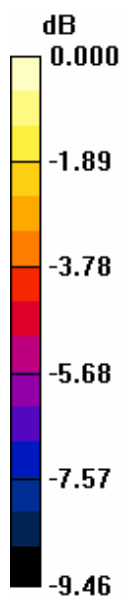
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 133.2 V/m

E Category: M4

Location: -11, -21.5, 365.8 mm



0 dB = 133.2V/m

Date/Time: 3/19/2008 6:04:23 PM

HAC_E_SCAN_GSM 835 ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -High/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 132.4 V/m

Probe Modulation Factor = 2.22

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 58.6 V/m; Power Drift = 0.008 dB

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

Peak E-field in V/m

| | | |
|----------------|-----------------|-----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 95.2 M4 | 146.4 M4 | 142.2 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 88.8 M4 | 132.4 M4 | 136.3 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 82.9 M4 | 121.4 M4 | 122.7 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

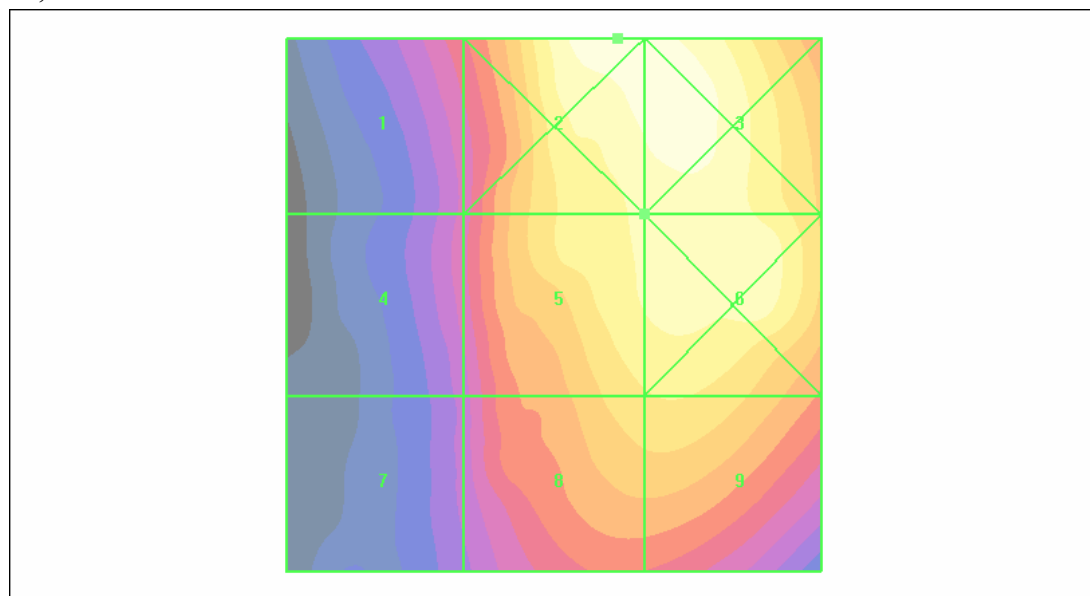
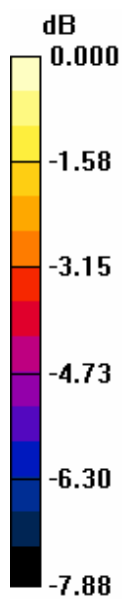
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 146.4 V/m

E Category: M4

Location: -6, -25, 365.8 mm



0 dB = 146.4V/m

Date/Time: 3/19/2008 6:55:00 PM

HAC_E_SCAN_PCS1900 ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -Low/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 34.4 V/m

Probe Modulation Factor = 2.15

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 14.9 V/m; Power Drift = 0.019 dB

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

Peak E-field in V/m

| | | |
|----------------|----------------|----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 30.4 M4 | 34.4 M4 | 34.4 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 23.8 M4 | 34.3 M4 | 34.3 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 37.7 M4 | 42.7 M4 | 41.4 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

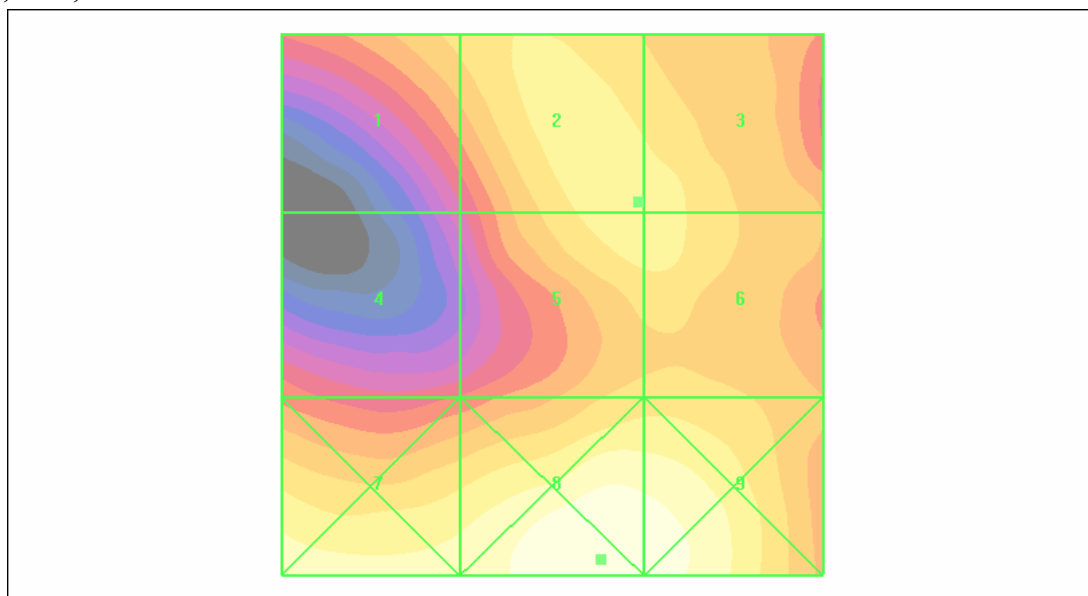
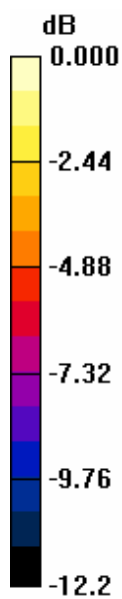
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 42.7 V/m

E Category: M4

Location: -4.5, 23.5, 365.8 mm



0 dB = 42.7V/m

Date/Time: 3/19/2008 6:45:49 PM

HAC_E_SCAN_PCS1900 ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -Middle/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 35.3 V/m

Probe Modulation Factor = 2.15

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 14.7 V/m; Power Drift = 0.018 dB

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

Peak E-field in V/m

| | | |
|----------------|----------------|----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 33.1 M4 | 35.3 M4 | 34.1 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 21.6 M4 | 33.9 M4 | 33.4 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 33.7 M4 | 38.8 M4 | 38.4 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

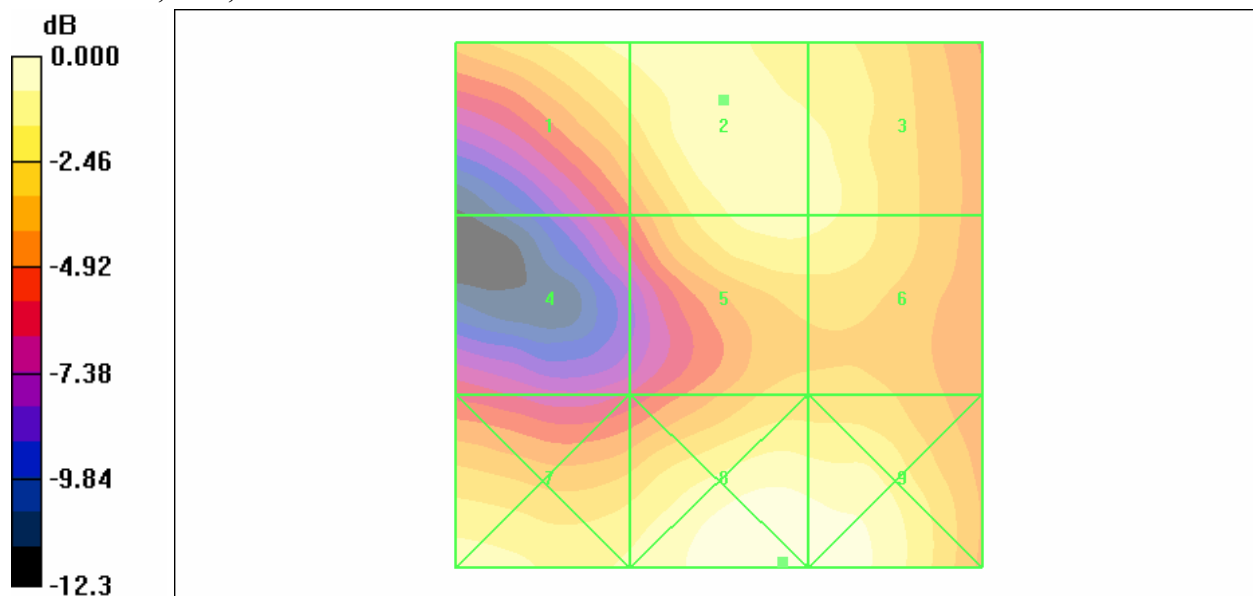
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 38.8 V/m

E Category: M4

Location: -6, 24.5, 365.8 mm



0 dB = 38.8V/m

Date/Time: 3/19/2008 7:04:58 PM

HAC_E_SCAN_PCS1900 ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -High/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 30.7 V/m

Probe Modulation Factor = 2.15

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 13.0 V/m; Power Drift = 0.046 dB

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

Peak E-field in V/m

| | | |
|--------------------------|--------------------------|--------------------------|
| Grid 1 29.5 M4 | Grid 2 30.7 M4 | Grid 3 29.5 M4 |
| Grid 4 19.2 M4 | Grid 5 30.0 M4 | Grid 6 28.9 M4 |
| Grid 7 27.9 M4 | Grid 8 34.5 M4 | Grid 9 34.2 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

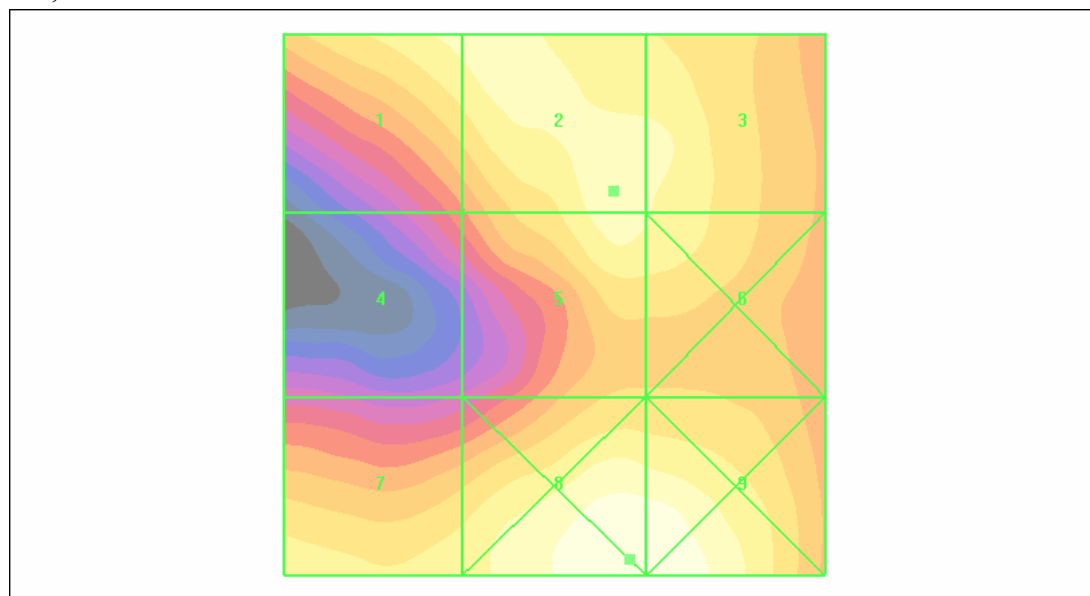
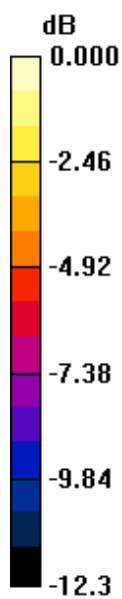
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 34.5 V/m

E Category: M4

Location: -7, 23.5, 365.8 mm



0 dB = 34.5V/m

Date/Time: 3/19/2008 9:00:54 PM

HAC_E_SCAN_WCDMA Band v ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -Low/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 68.5 V/m

Probe Modulation Factor = 1.09

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 61.5 V/m; Power Drift = 0.014 dB

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

Peak E-field in V/m

| | | |
|--------------------------|--------------------------|--------------------------|
| Grid 1 49.5 M4 | Grid 2 77.9 M4 | Grid 3 78.6 M4 |
| Grid 4 40.8 M4 | Grid 5 68.5 M4 | Grid 6 70.7 M4 |
| Grid 7 35.4 M4 | Grid 8 60.3 M4 | Grid 9 61.9 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

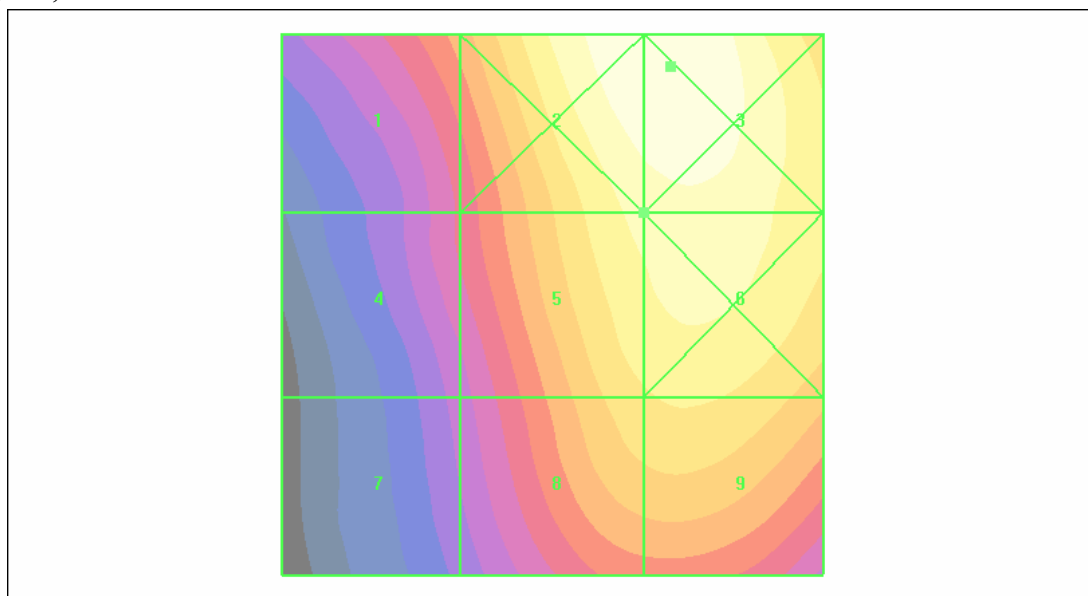
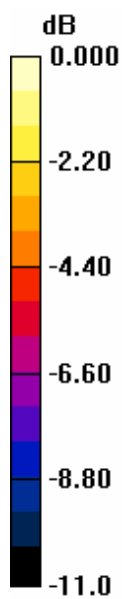
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 78.6 V/m

E Category: M4

Location: -11, -22, 365.8 mm



0 dB = 78.6V/m

Date/Time: 3/19/2008 8:49:27 PM

HAC_E_SCAN_WCDMA Band v ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.6 MHz; Duty Cycle: 1:1

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -Middle/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 70.4 V/m

Probe Modulation Factor = 1.09

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 63.3 V/m; Power Drift = 0.031 dB

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

Peak E-field in V/m

| | | |
|----------------|----------------|----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 50.2 M4 | 78.1 M4 | 78.6 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 43.2 M4 | 70.4 M4 | 72.3 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 39.1 M4 | 62.1 M4 | 63.1 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

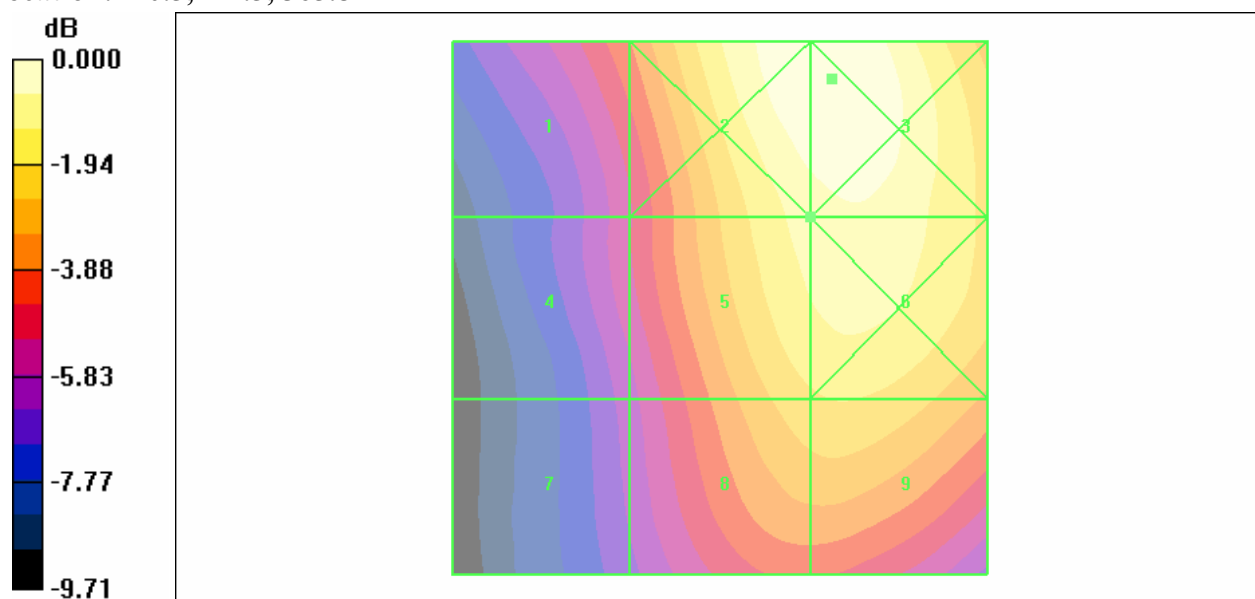
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 78.6 V/m

E Category: M4

Location: -10.5, -21.5, 365.8 mm



0 dB = 78.6V/m

Date/Time: 3/19/2008 9:09:24 PM

HAC_E_SCAN_WCDMA Band v ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**E Scan - ER probe tip 15mm above Device -High/Hearing Aid Compatibility Test
(101x101x1): Measurement grid: dx=5mm, dy=5mm**

Maximum value of peak Total field = 84.2 V/m

Probe Modulation Factor = 1.09

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 75.8 V/m; Power Drift = 0.013 dB

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

Peak E-field in V/m

| | | |
|--------------------------|--------------------------|--------------------------|
| Grid 1 60.8 M4 | Grid 2 89.9 M4 | Grid 3 90.3 M4 |
| Grid 4 55.3 M4 | Grid 5 84.2 M4 | Grid 6 85.6 M4 |
| Grid 7 51.0 M4 | Grid 8 76.4 M4 | Grid 9 77.0 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

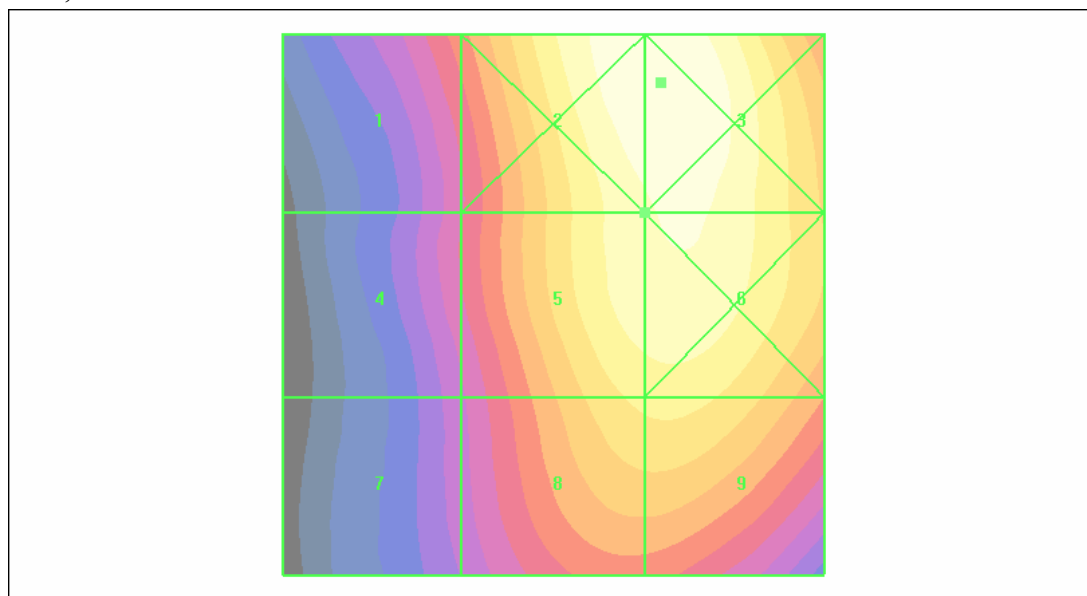
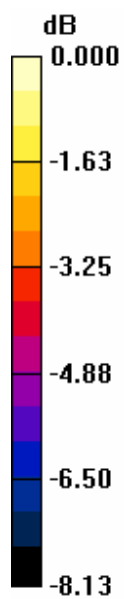
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 90.3 V/m

E Category: M4

Location: -10, -20.5, 365.8 mm



0 dB = 90.3V/m

Date/Time: 3/19/2008 7:55:18 PM

HAC_E_SCAN_WCDMA Band II ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -Low/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 70.5 V/m

Probe Modulation Factor = 1.11

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 62.4 V/m; Power Drift = 0.006 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

| | | |
|--------------------------|--------------------------|--------------------------|
| Grid 1 63.4 M3 | Grid 2 70.5 M3 | Grid 3 68.5 M3 |
| Grid 4 42.9 M4 | Grid 5 69.6 M3 | Grid 6 68.5 M3 |
| Grid 7 69.3 M3 | Grid 8 81.3 M3 | Grid 9 80.8 M3 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

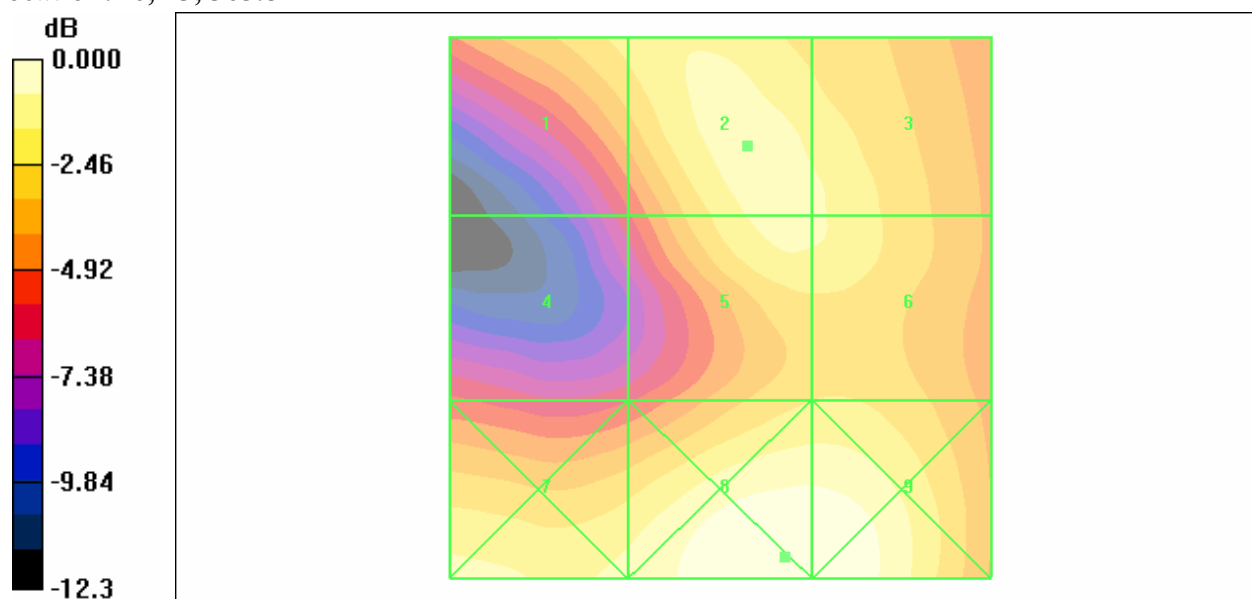
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 81.3 V/m

E Category: M3

Location: -6, 23, 365.8 mm



0 dB = 81.3V/m

Date/Time: 3/19/2008 7:45:15 PM

HAC_E_SCAN_WCDMA Band II ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -Middle/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 75.4 V/m

Probe Modulation Factor = 1.11

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 67.0 V/m; Power Drift = 0.011 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

| | | |
|----------------|----------------|----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 70.5 M3 | 75.4 M3 | 71.9 M3 |
| Grid 4 | Grid 5 | Grid 6 |
| 45.5 M4 | 72.6 M3 | 71.2 M3 |
| Grid 7 | Grid 8 | Grid 9 |
| 68.1 M3 | 82.3 M3 | 81.5 M3 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

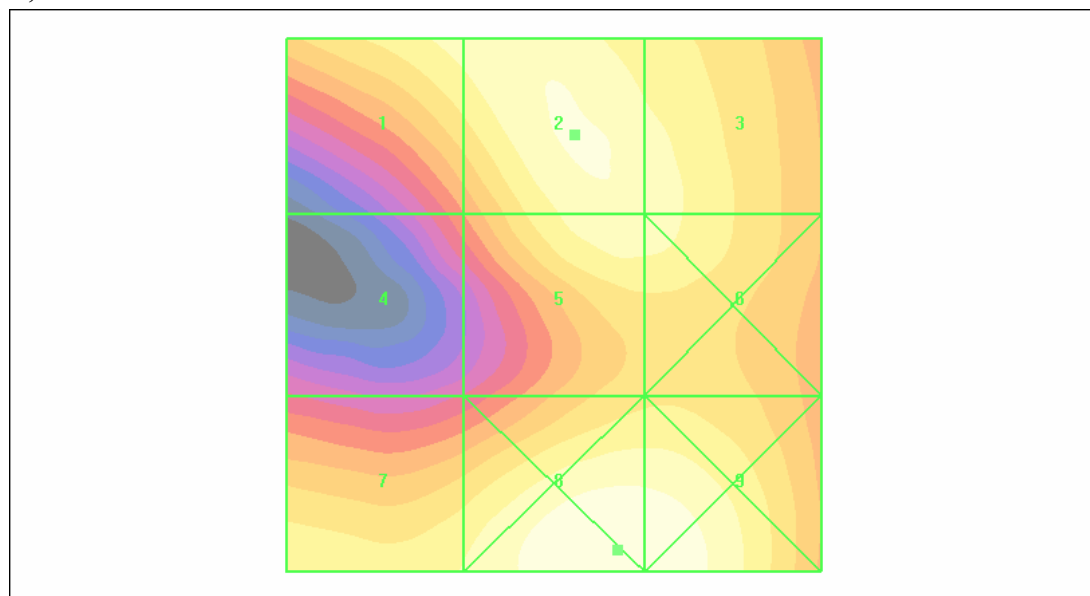
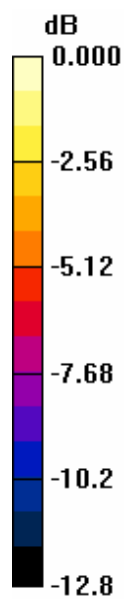
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 82.3 V/m

E Category: M3

Location: -6, 23, 365.8 mm



0 dB = 82.3V/m

Date/Time: 3/19/2008 8:06:57 PM

HAC_E_SCAN_WCDMA Band II ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -High/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 67.5 V/m

Probe Modulation Factor = 1.11

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 59.8 V/m; Power Drift = 0.003 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

| | | |
|----------------|----------------|----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 63.4 M3 | 67.5 M3 | 64.5 M3 |
| Grid 4 | Grid 5 | Grid 6 |
| 41.2 M4 | 64.8 M3 | 63.6 M3 |
| Grid 7 | Grid 8 | Grid 9 |
| 59.9 M4 | 73.0 M3 | 72.4 M3 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

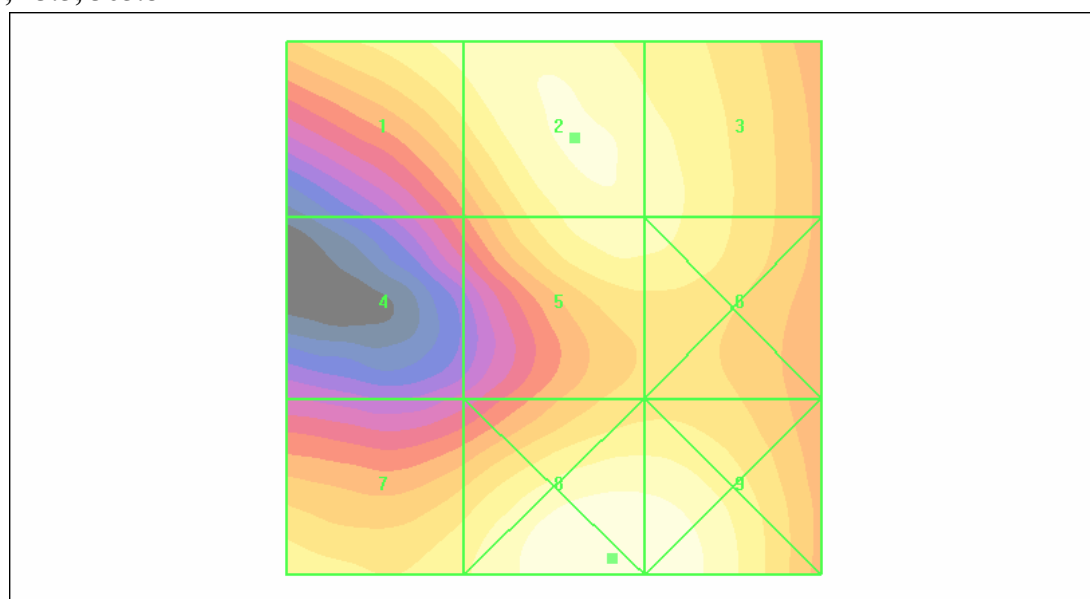
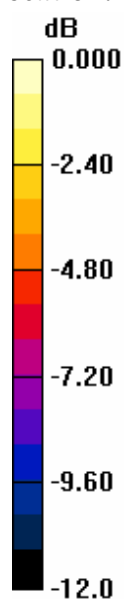
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 73.0 V/m

E Category: M3

Location: -5.5, 23.5, 365.8 mm



0 dB = 73.0V/m

Date/Time: 3/20/2008 1:47:28 AM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_GSM 835 ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DAS4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -Low/Hearing Aid Compatibility

Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.382 A/m

Probe Modulation Factor = 2.18

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.159 A/m; Power Drift = 0.007 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.320 M4 | Grid 2 0.382 M4 | Grid 3 0.366 M4 |
| Grid 4 0.304 M4 | Grid 5 0.382 M4 | Grid 6 0.366 M4 |
| Grid 7 0.240 M4 | Grid 8 0.320 M4 | Grid 9 0.312 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

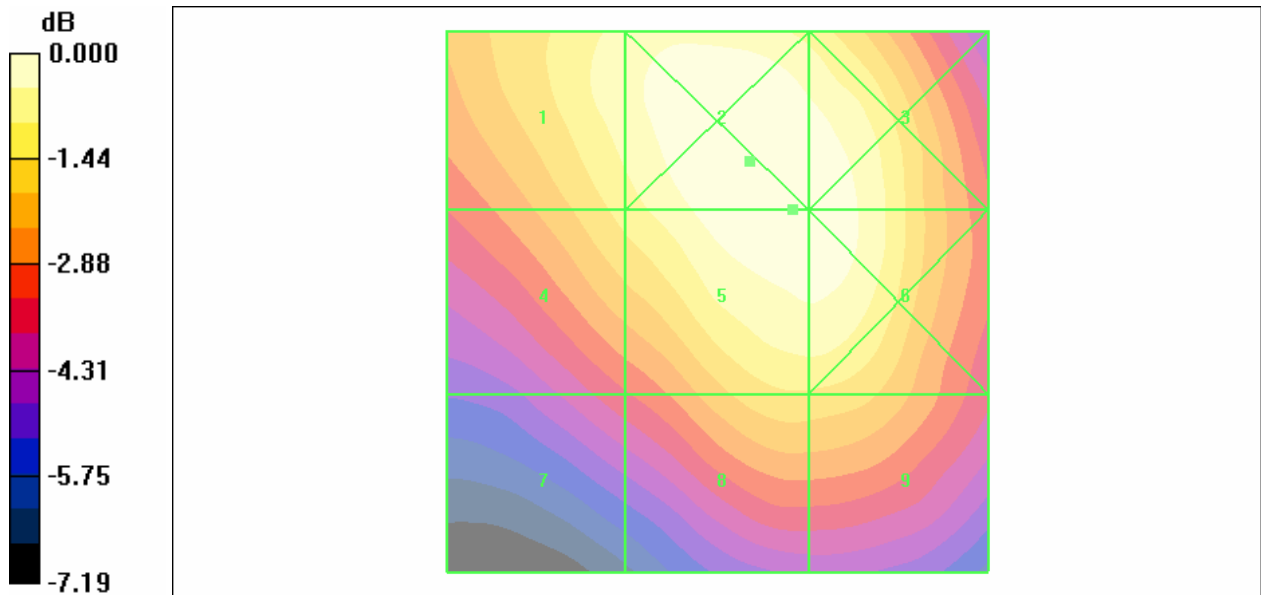
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.382 A/m

H Category: M4

Location: -4, -9.5 365.6 mm



0 dB = 0.382A/m

Date/Time: 3/20/2008 1:37:56 AM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_GSM 835 ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -Middle/Hearing Aid

Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.385 A/m

Probe Modulation Factor = 2.18

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.168 A/m; Power Drift = 0.013 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.353 M4 | Grid 2 0.386 M4 | Grid 3 0.366 M4 |
| Grid 4 0.330 M4 | Grid 5 0.385 M4 | Grid 6 0.366 M4 |
| Grid 7 0.257 M4 | Grid 8 0.333 M4 | Grid 9 0.325 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

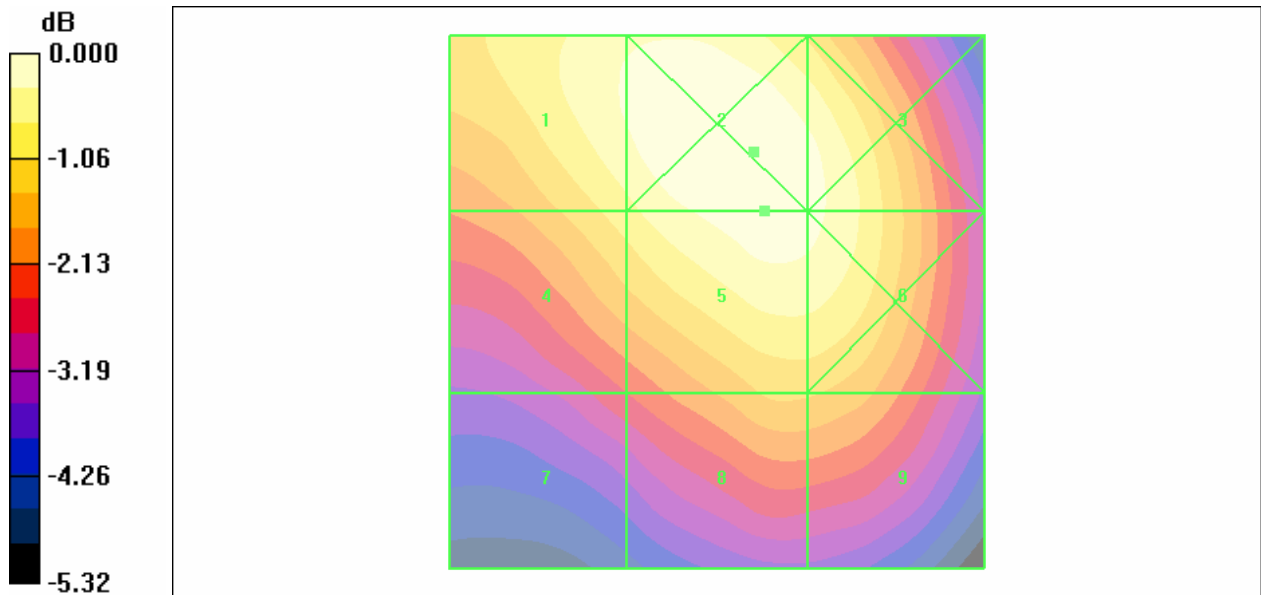
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.386 A/m

H Category: M4

Location: -3.5, -10.5, 365.6 mm



0 dB = 0.386A/m

Date/Time: 3/20/2007 1:57:45 AM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_GSM 835 ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -High/Hearing Aid

Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.342 A/m

Probe Modulation Factor = 2.13

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.148 A/m; Power Drift = 0.006 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.330 M4 | Grid 2 0.350 M4 | Grid 3 0.324 M4 |
| Grid 4 0.309 M4 | Grid 5 0.342 M4 | Grid 6 0.323 M4 |
| Grid 7 0.258 M4 | Grid 8 0.297 M4 | Grid 9 0.286 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

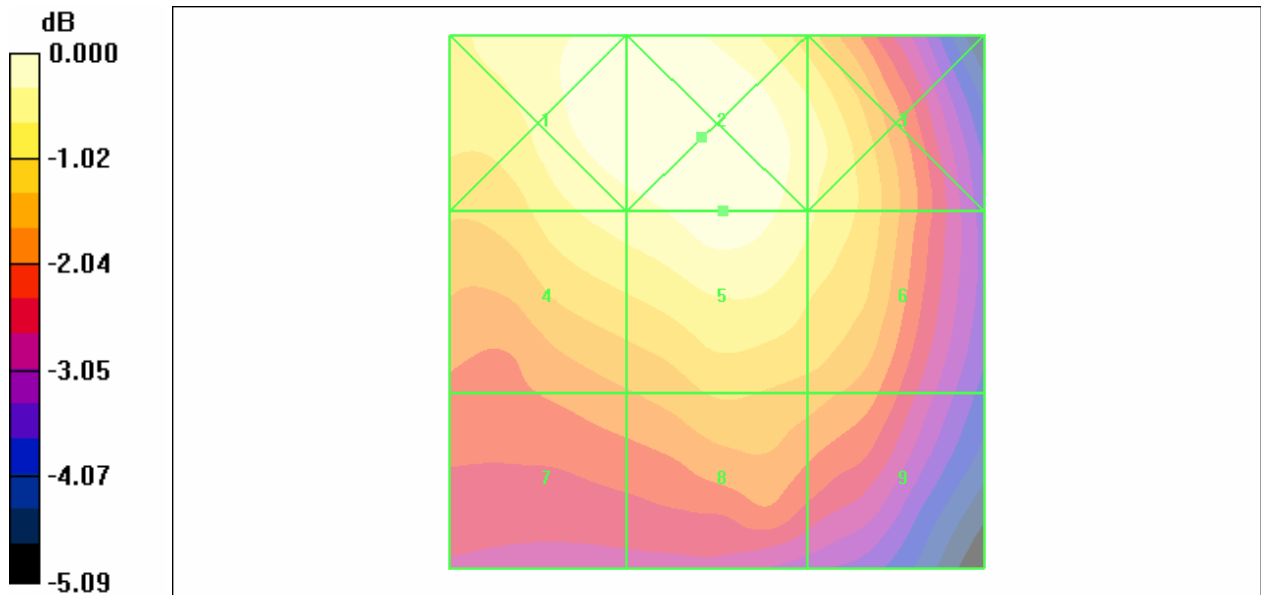
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.350 A/m

H Category: M4

Location: 0.5, -15.5, 365.6 mm



0 dB = 0.350A/m

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_PCS1900 ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -Low/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.124 A/m

Probe Modulation Factor = 2.06

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.051 A/m; Power Drift = 0.008 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.093 M4 | Grid 2 0.122 M4 | Grid 3 0.118 M4 |
| Grid 4 0.101 M4 | Grid 5 0.124 M4 | Grid 6 0.122 M4 |
| Grid 7 0.100 M4 | Grid 8 0.116 M4 | Grid 9 0.115 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

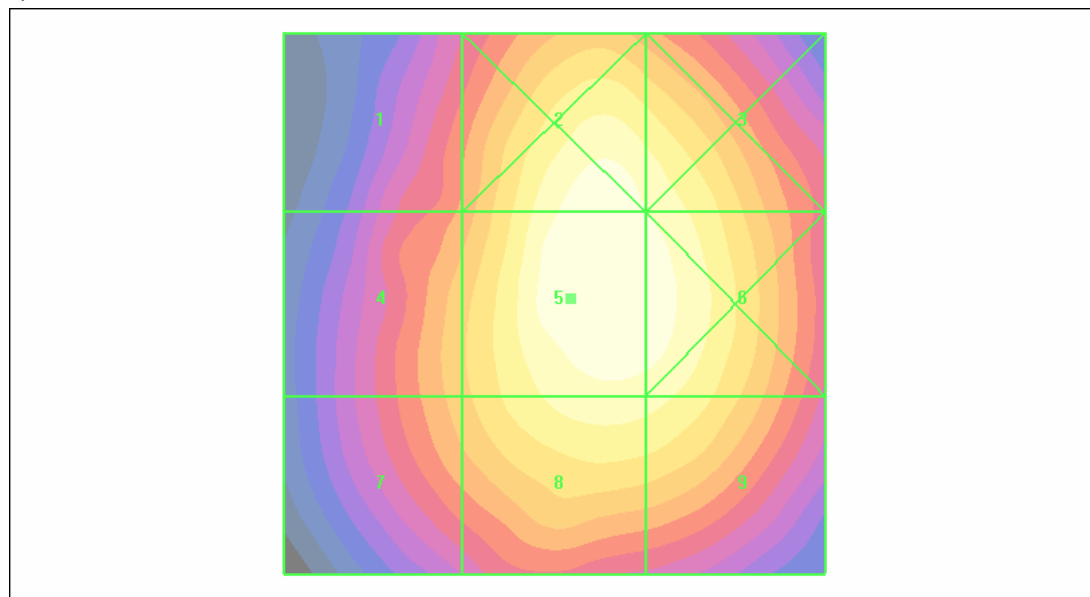
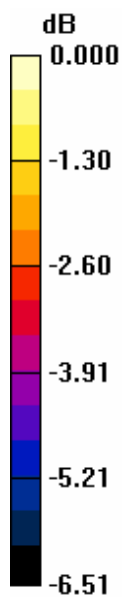
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.124 A/m

H Category: M4

Location: -1.5, -0.5, 365.6 mm



0 dB = 0.124A/m

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_PCS1900 ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -Middle/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.116 A/m

Probe Modulation Factor = 2.06

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.048 A/m; Power Drift = 0.011 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.085 M4 | Grid 2 0.109 M4 | Grid 3 0.108 M4 |
| Grid 4 0.095 M4 | Grid 5 0.116 M4 | Grid 6 0.116 M4 |
| Grid 7 0.092 M4 | Grid 8 0.112 M4 | Grid 9 0.112 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

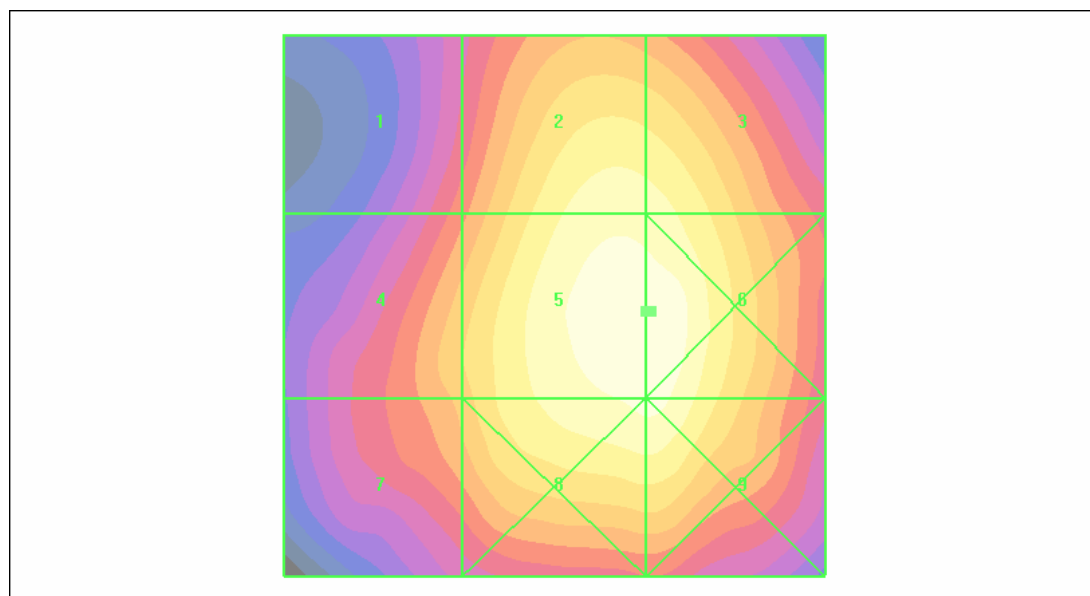
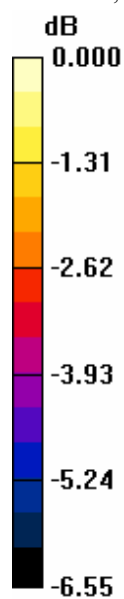
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.116 A/m

H Category: M4

Location: -9, 0.5, 365.6 mm



0 dB = 0.116A/m

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_PCS1900 ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DAS4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -High/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.104 A/m

Probe Modulation Factor = 2.06

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.041 A/m; Power Drift = 0.027 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.078 M4 | Grid 2 0.099 M4 | Grid 3 0.098 M4 |
| Grid 4 0.089 M4 | Grid 5 0.104 M4 | Grid 6 0.102 M4 |
| Grid 7 0.089 M4 | Grid 8 0.103 M4 | Grid 9 0.099 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

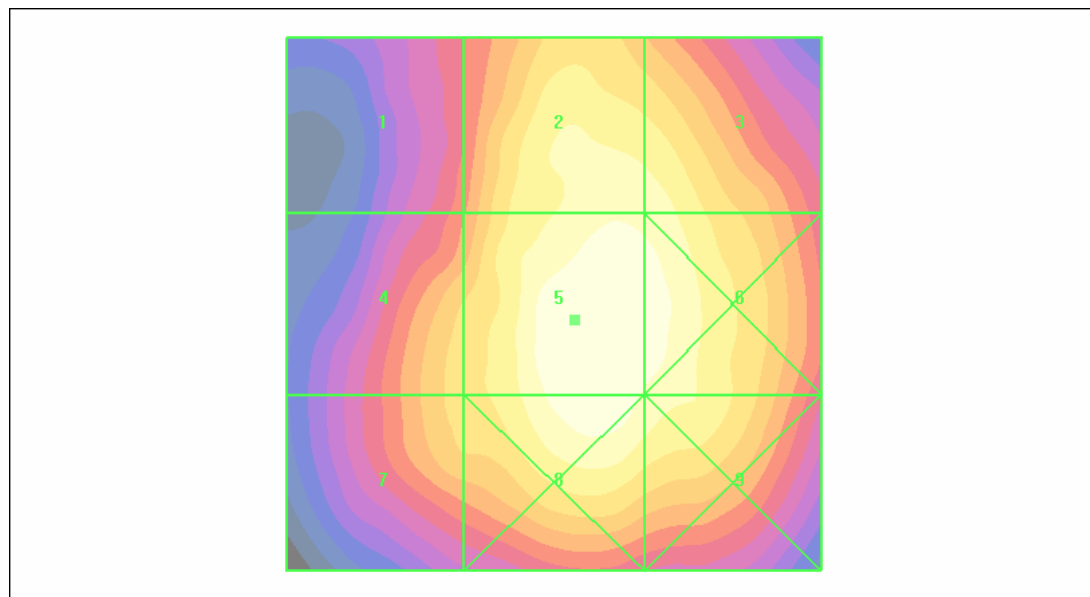
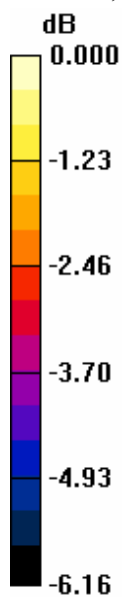
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.104 A/m

H Category: M4

Location: -2, 1.5, 365.6 mm



0 dB = 0.104A/m

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_WCDMA Band V ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -Low/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.230 A/m

Probe Modulation Factor = 1.05

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.212 A/m; Power Drift = 0.098 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.193 M4 | Grid 2 0.230 M4 | Grid 3 0.217 M4 |
| Grid 4 0.186 M4 | Grid 5 0.230 M4 | Grid 6 0.218 M4 |
| Grid 7 0.143 M4 | Grid 8 0.193 M4 | Grid 9 0.189 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

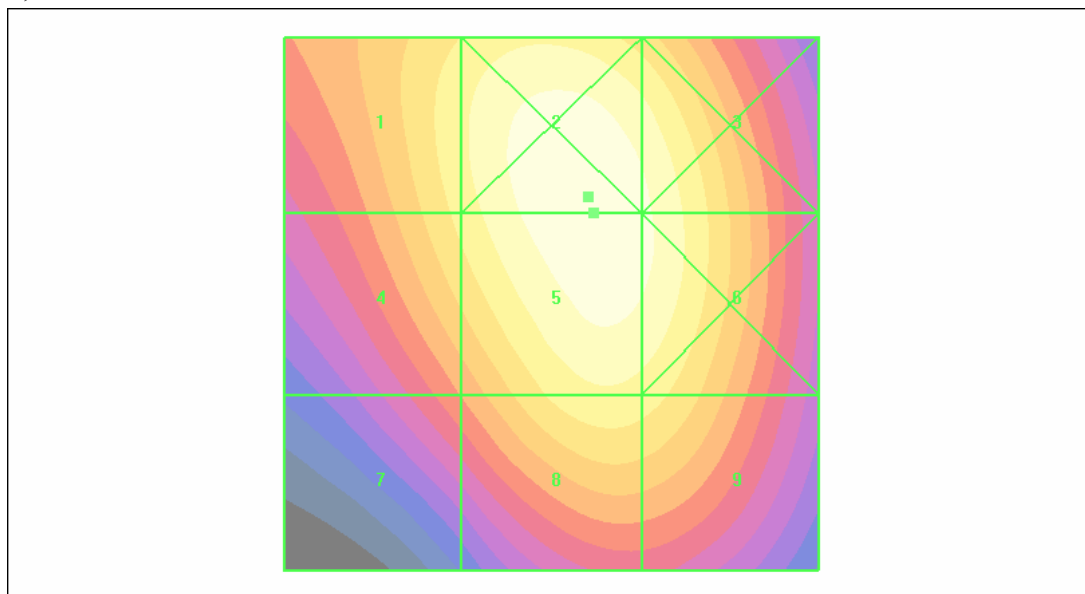
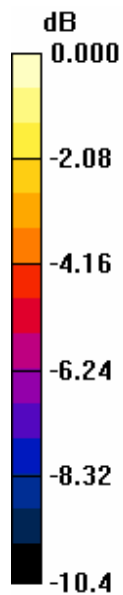
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.230 A/m

H Category: M4

Location: -3.5, -10, 365.6 mm



0 dB = 0.230A/m

Date/Time: 3/19/2008 11:00:12 PM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_WCDMA Band V ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.6 MHz; Duty Cycle: 1:1

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -Middle/Hearing Aid

Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.202 A/m

Probe Modulation Factor = 1.05

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.184 A/m; Power Drift = 0.039 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.179 M4 | Grid 2 0.202 M4 | Grid 3 0.191 M4 |
| Grid 4 0.173 M4 | Grid 5 0.202 M4 | Grid 6 0.191 M4 |
| Grid 7 0.141 M4 | Grid 8 0.175 M4 | Grid 9 0.170 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

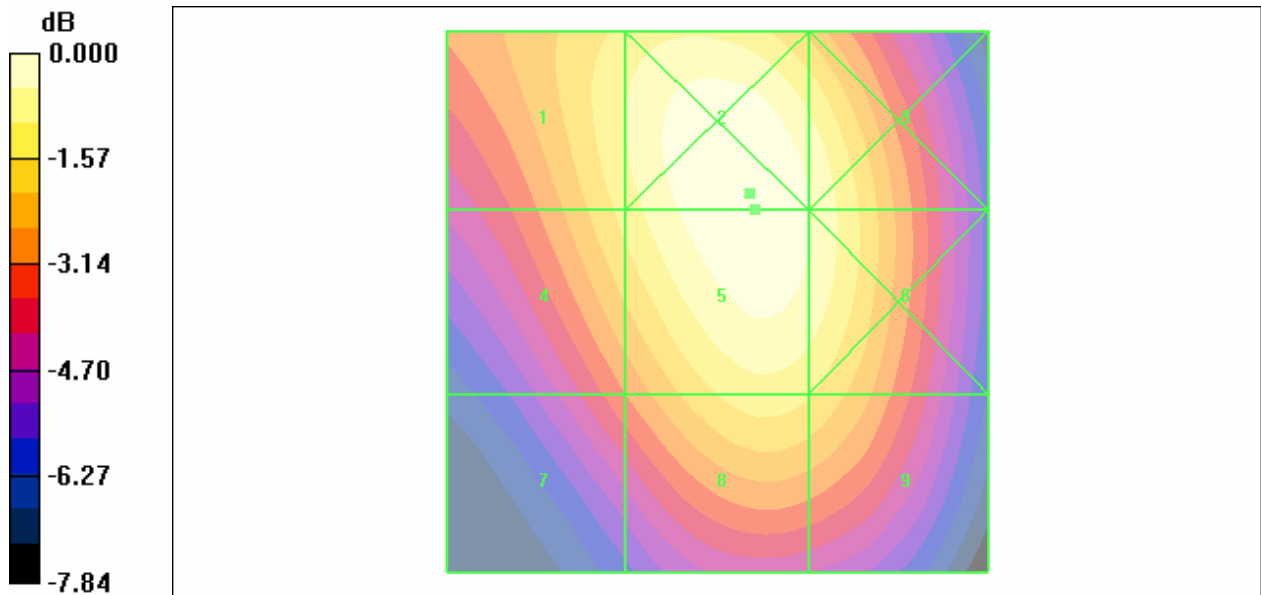
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.202 A/m

H Category: M4

Location: -3, -10, 365.6 mm



0 dB = 0.202A/m

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_WCDMA Band V ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -High/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.208 A/m

Probe Modulation Factor = 1.05

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.192 A/m; Power Drift = 0.006 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.193 M4 | Grid 2 0.209 M4 | Grid 3 0.196 M4 |
| Grid 4 0.185 M4 | Grid 5 0.208 M4 | Grid 6 0.196 M4 |
| Grid 7 0.157 M4 | Grid 8 0.182 M4 | Grid 9 0.175 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

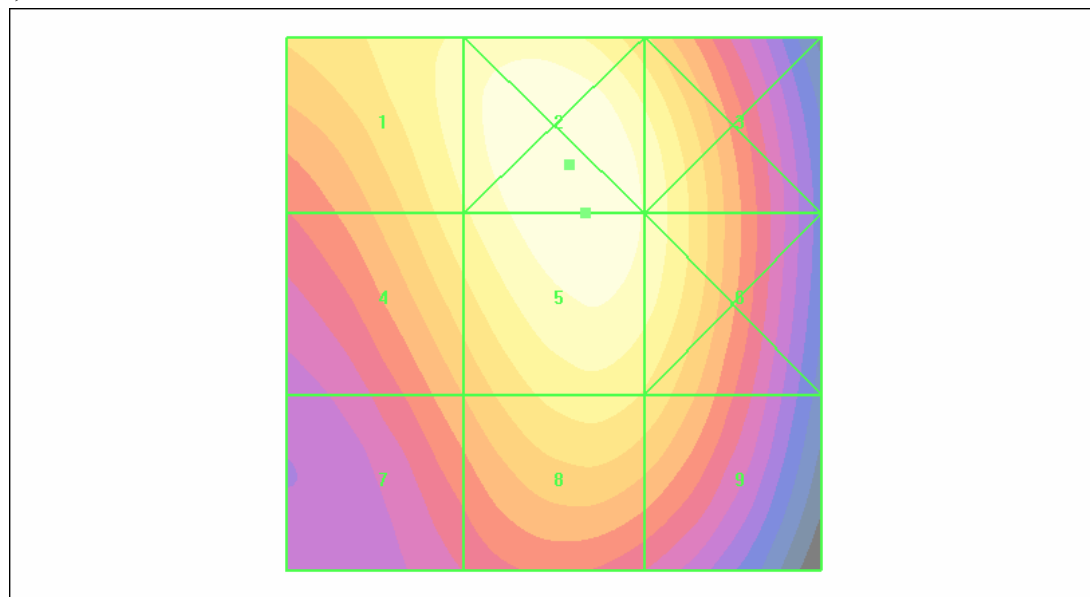
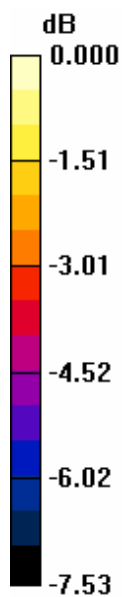
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.209 A/m

H Category: M4

Location: -1.5, -13, 365.6 mm



0 dB = 0.209A/m

Date/Time: 3/19/2008 10:11:22 PM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_WCDMA Band II ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DAS4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -Low/Hearing Aid Compatibility

Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.240 A/m

Probe Modulation Factor = 1.02

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.228 A/m; Power Drift = 0.018 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.192 M3 | Grid 2 0.236 M3 | Grid 3 0.234 M3 |
| Grid 4 0.203 M3 | Grid 5 0.240 M3 | Grid 6 0.238 M3 |
| Grid 7 0.200 M3 | Grid 8 0.233 M3 | Grid 9 0.228 M3 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

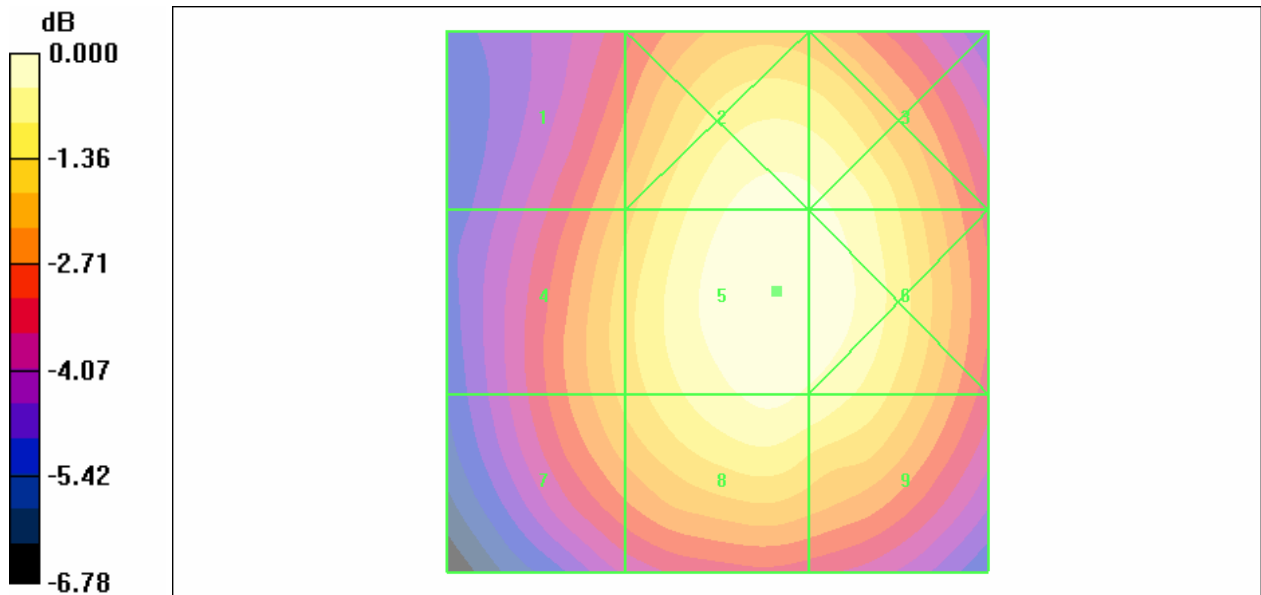
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.240 A/m

H Category: M3

Location: -5.5, -1, 365.6 mm



0 dB = 0.240A/m

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_WCDMA Band II ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -Middle/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.248 A/m

Probe Modulation Factor = 1.02

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.241 A/m; Power Drift = 0.044 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.187 M4 | Grid 2 0.233 M3 | Grid 3 0.231 M3 |
| Grid 4 0.203 M3 | Grid 5 0.248 M3 | Grid 6 0.240 M3 |
| Grid 7 0.202 M3 | Grid 8 0.233 M3 | Grid 9 0.230 M3 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

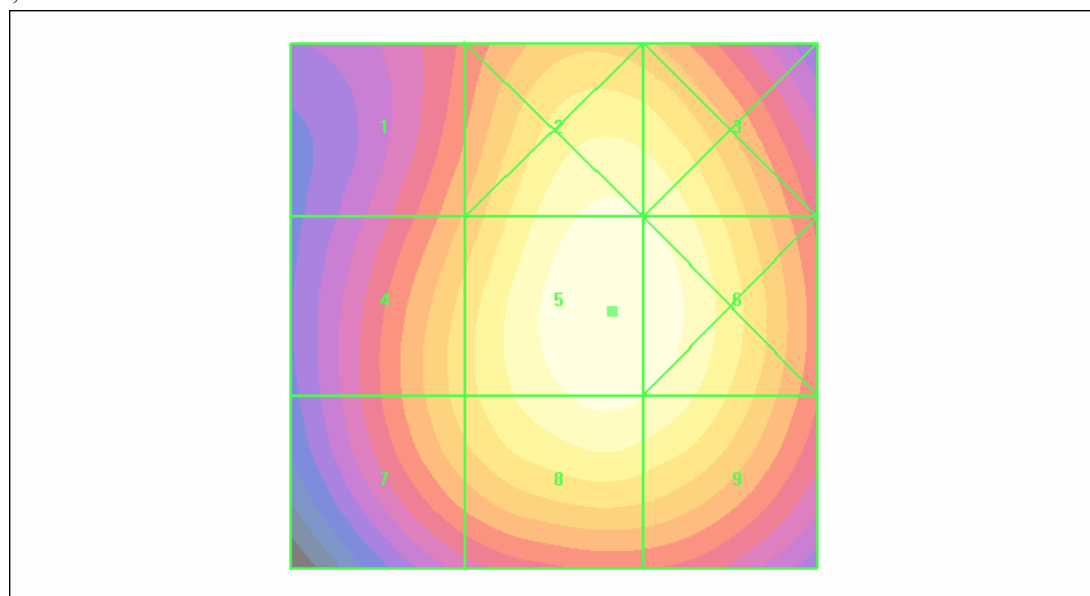
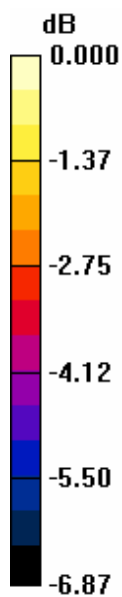
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.248 A/m

H Category: M3

Location: -5.5, 0.5, 365.6 mm



0 dB = 0.248A/m

Date/Time: 3/19/2008 10:21:25 PM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_WCDMA Band II ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: H Device Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -High/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.219 A/m

Probe Modulation Factor = 1.02

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.207 A/m; Power Drift = 0.012 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.171 M4 | Grid 2 0.212 M3 | Grid 3 0.208 M3 |
| Grid 4 0.188 M4 | Grid 5 0.219 M3 | Grid 6 0.215 M3 |
| Grid 7 0.185 M4 | Grid 8 0.211 M3 | Grid 9 0.207 M3 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

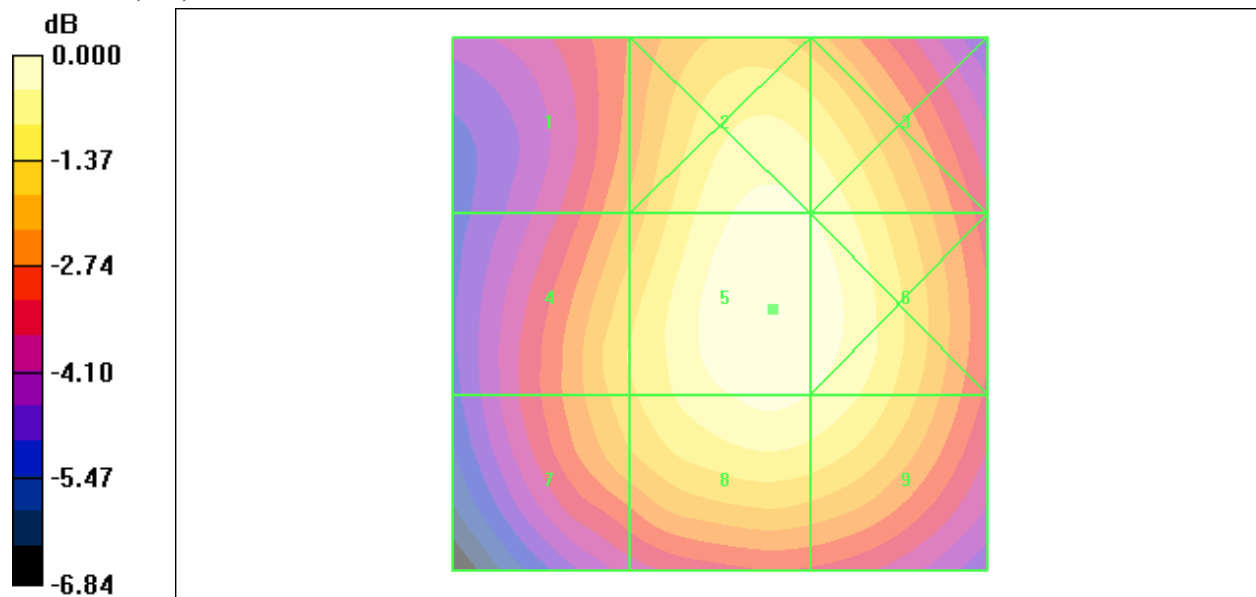
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.219 A/m

H Category: M3

Location: -5, 0.5, 365.6 mm



0 dB = 0.219A/m

Date/Time: 3/19/2008 6:26:45 PM

HAC_E_SCAN_GSM 835 ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -Low/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 101.7 V/m

Probe Modulation Factor = 2.22

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 45.1 V/m; Power Drift = 0.006 dB

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

Peak E-field in V/m

| | | |
|--------------------------|---------------------------|---------------------------|
| Grid 1 78.1 M4 | Grid 2 119.5 M4 | Grid 3 120.0 M4 |
| Grid 4 60.9 M4 | Grid 5 101.7 M4 | Grid 6 105.7 M4 |
| Grid 7 51.6 M4 | Grid 8 90.9 M4 | Grid 9 93.6 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

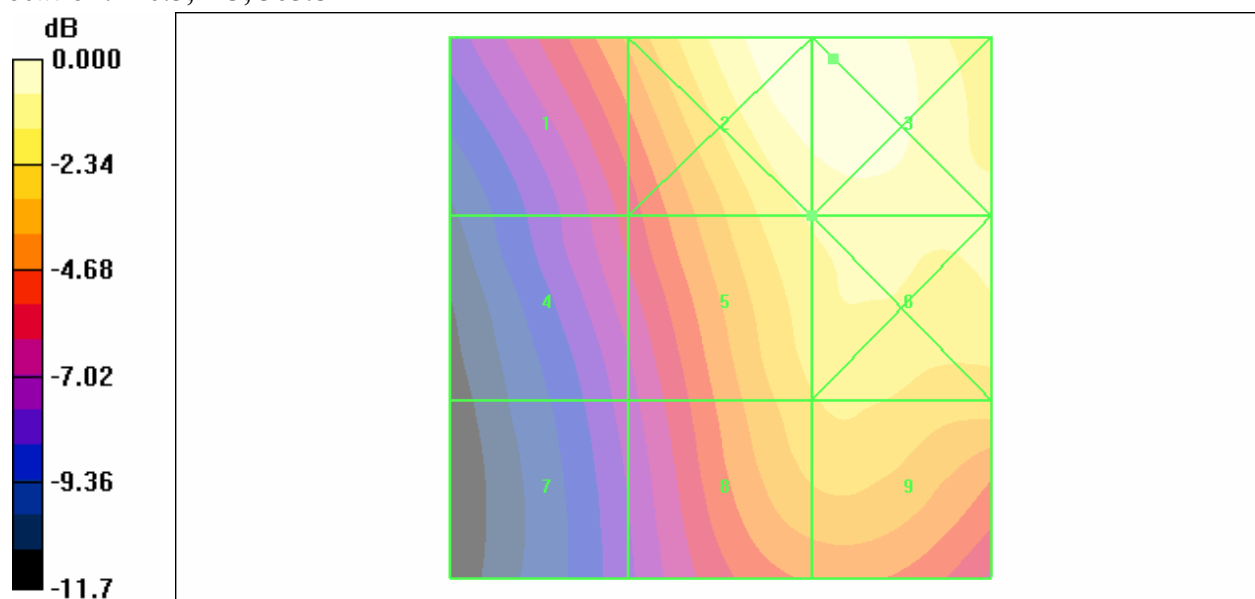
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 120.0 V/m

E Category: M4

Location: -10.5, -23, 365.8 mm



0 dB = 120.0V/m

Date/Time: 3/19/2008 6:16:37 PM

HAC_E_SCAN_GSM 835 ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -Middle/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 120.2 V/m

Probe Modulation Factor = 2.22

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 53.0 V/m; Power Drift = 0.013 dB

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

Peak E-field in V/m

| | | |
|--------------------------|---------------------------|---------------------------|
| Grid 1 90.8 M4 | Grid 2 136.3 M4 | Grid 3 136.6 M4 |
| Grid 4 73.8 M4 | Grid 5 120.2 M4 | Grid 6 122.4 M4 |
| Grid 7 65.9 M4 | Grid 8 104.4 M4 | Grid 9 106.8 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

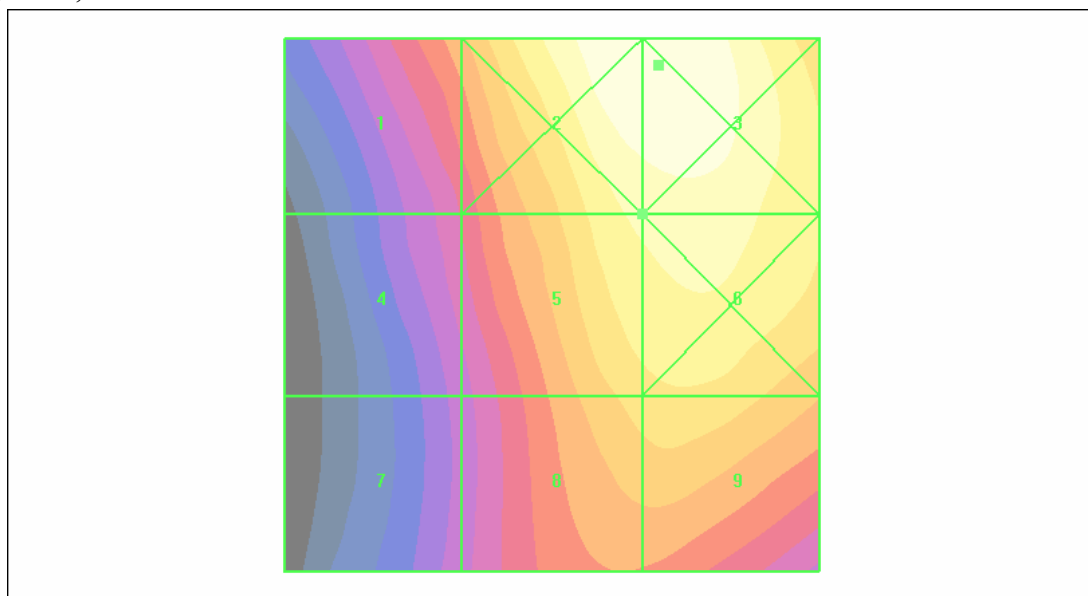
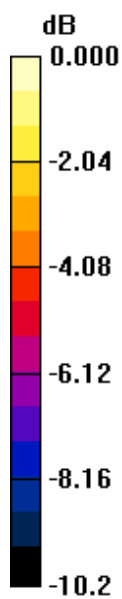
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 136.6 V/m

E Category: M4

Location: -10, -22.5, 365.8 mm



0 dB = 136.6V/m

HAC_E_SCAN_GSM 835 ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -High/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 136.2 V/m

Probe Modulation Factor = 2.22

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 59.9 V/m; Power Drift = 0.010 dB

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

Peak E-field in V/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 104.0 M4 | Grid 2 150.9 M3 | Grid 3 151.2 M3 |
| Grid 4 89.1 M4 | Grid 5 136.2 M4 | Grid 6 139.3 M4 |
| Grid 7 88.7 M4 | Grid 8 125.3 M4 | Grid 9 123.6 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

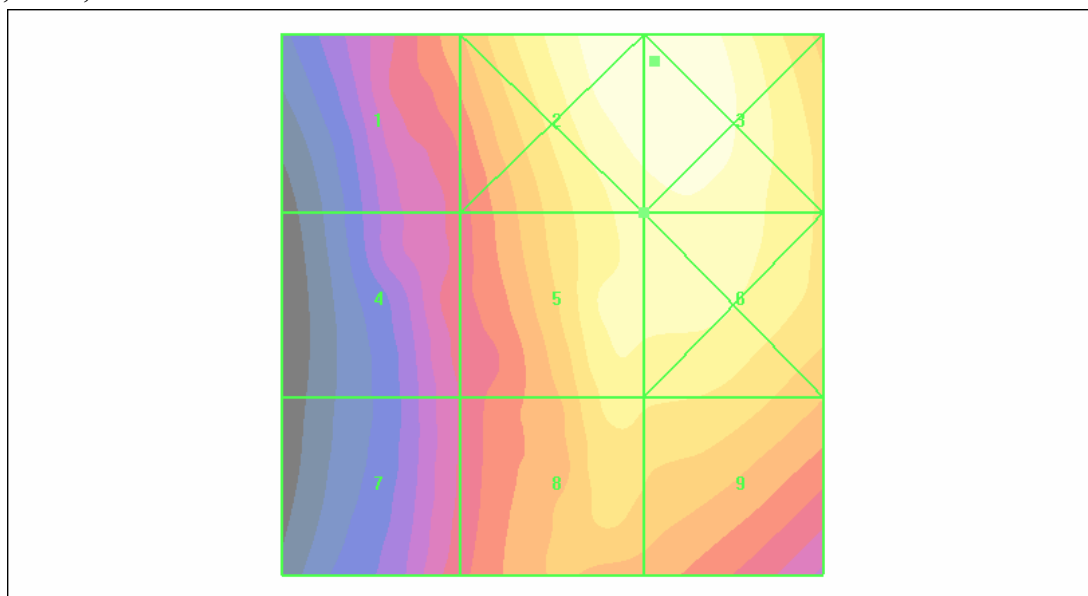
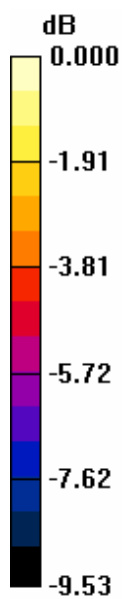
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 151.2 V/m

E Category: M3

Location: -9.5, -22.5, 365.8 mm



0 dB = 151.2V/m

Date/Time: 3/19/2008 7:23:48 PM

HAC_E_SCAN_PCS1900 ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -Low/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 41.3 V/m

Probe Modulation Factor = 2.15

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 19.0 V/m; Power Drift = 0.031 dB

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

Peak E-field in V/m

| | | |
|----------------|----------------|----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 34.0 M4 | 39.1 M4 | 36.5 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 34.6 M4 | 41.3 M4 | 41.3 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 28.9 M4 | 48.8 M3 | 48.6 M3 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

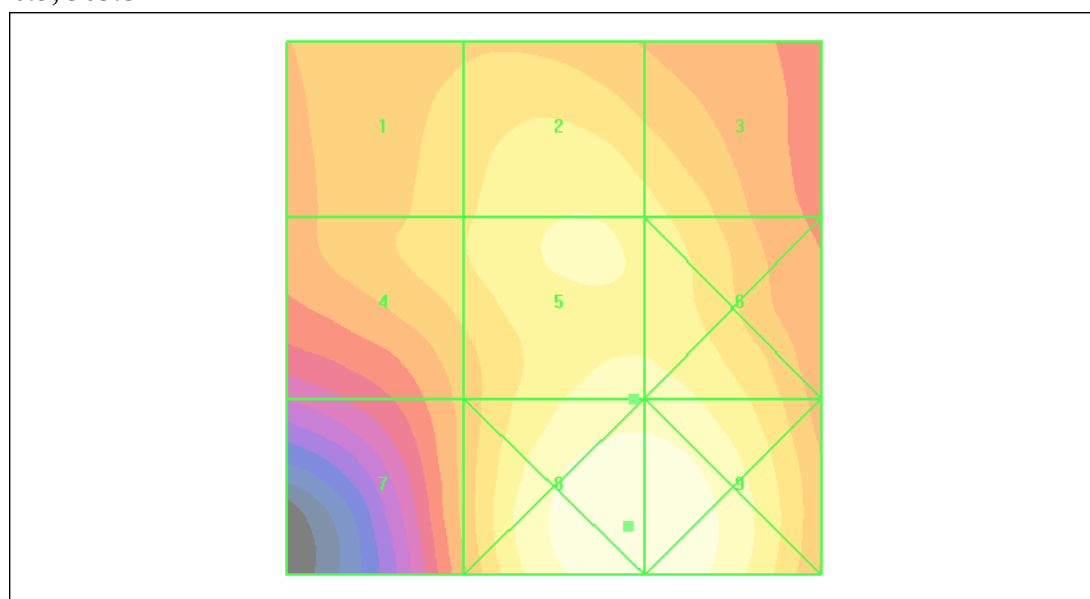
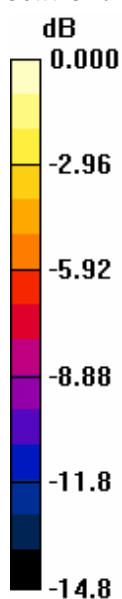
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 48.8 V/m

E Category: M3

Location: -7, 20.5, 365.8 mm



0 dB = 48.8V/m

Date/Time: 3/19/2008 7:14:54 PM

HAC_E_SCAN_PCS1900 ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -Middle/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 36.1 V/m

Probe Modulation Factor = 2.15

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 16.4 V/m; Power Drift = 0.021 dB

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

Peak E-field in V/m

| | | |
|----------------|----------------|----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 32.1 M4 | 35.7 M4 | 33.9 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 32.5 M4 | 36.1 M4 | 35.8 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 27.2 M4 | 42.2 M4 | 42.1 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

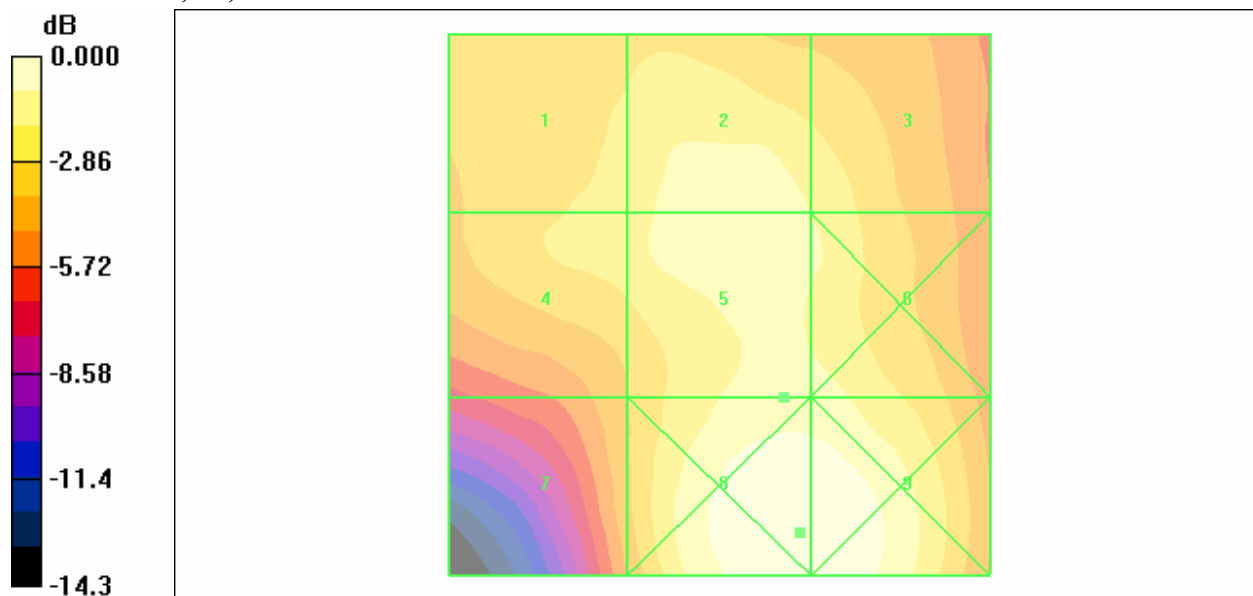
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 42.2 V/m

E Category: M4

Location: -7.5, 21, 365.8 mm



0 dB = 42.2V/m

Date/Time: 3/19/2008 7:33:55 PM

HAC_E_SCAN_PCS1900 ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -High/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 32.0 V/m

Probe Modulation Factor = 2.15

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 14.2 V/m; Power Drift = 0.030 dB

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

Peak E-field in V/m

| | | |
|----------------|----------------|----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 28.1 M4 | 31.5 M4 | 30.3 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 28.2 M4 | 32.0 M4 | 31.3 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 24.5 M4 | 38.5 M4 | 37.6 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

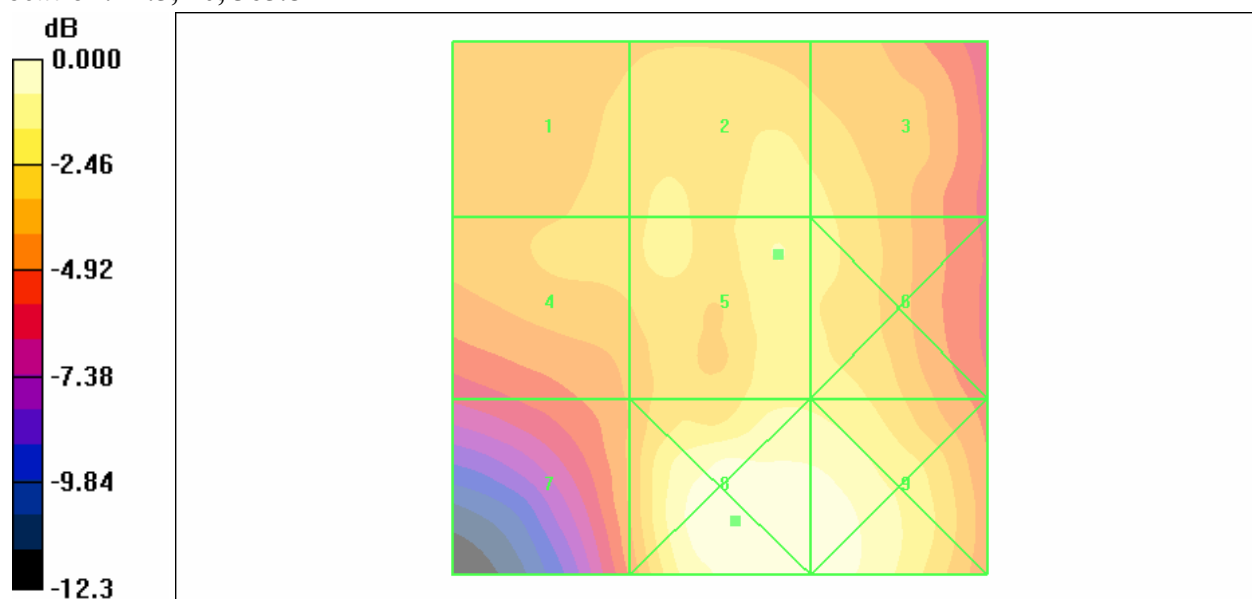
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 38.5 V/m

E Category: M4

Location: -1.5, 20, 365.8 mm



0 dB = 38.5V/m

Date/Time: 3/19/2008 9:30:02 PM

HAC_E_SCAN_WCDMA Band v ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -Low/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 69.3 V/m

Probe Modulation Factor = 1.09

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 62.1 V/m; Power Drift = 0.056 dB

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

Peak E-field in V/m

| | | |
|----------------|----------------|----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 52.7 M4 | 80.6 M4 | 81.2 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 41.8 M4 | 69.3 M4 | 72.2 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 34.4 M4 | 59.8 M4 | 61.9 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

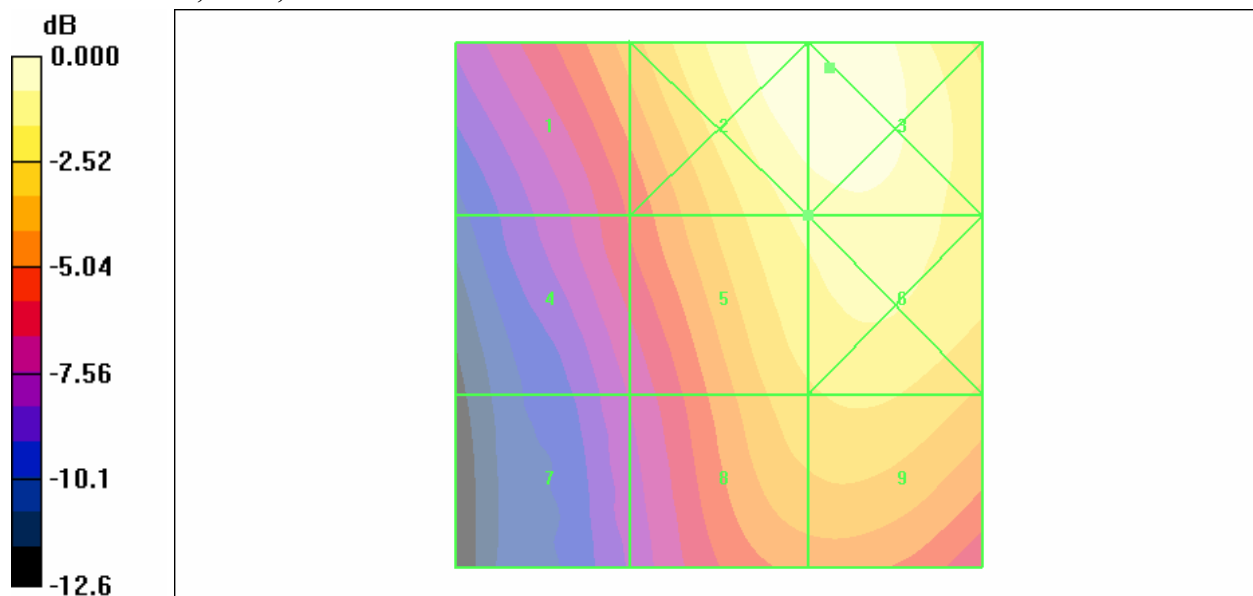
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 81.2 V/m

E Category: M4

Location: -10.5, -22.5, 365.8 mm



0 dB = 81.2V/m

Date/Time: 3/19/2008 9:20:06 PM

HAC_E_SCAN_WCDMA Band v ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.6 MHz; Duty Cycle: 1:1

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -Middle/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 70.3 V/m

Probe Modulation Factor = 1.09

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 62.9 V/m; Power Drift = 0.042 dB

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

Peak E-field in V/m

| | | |
|----------------|----------------|----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 52.3 M4 | 79.6 M4 | 79.9 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 43.1 M4 | 70.3 M4 | 72.6 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 36.1 M4 | 61.6 M4 | 63.2 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

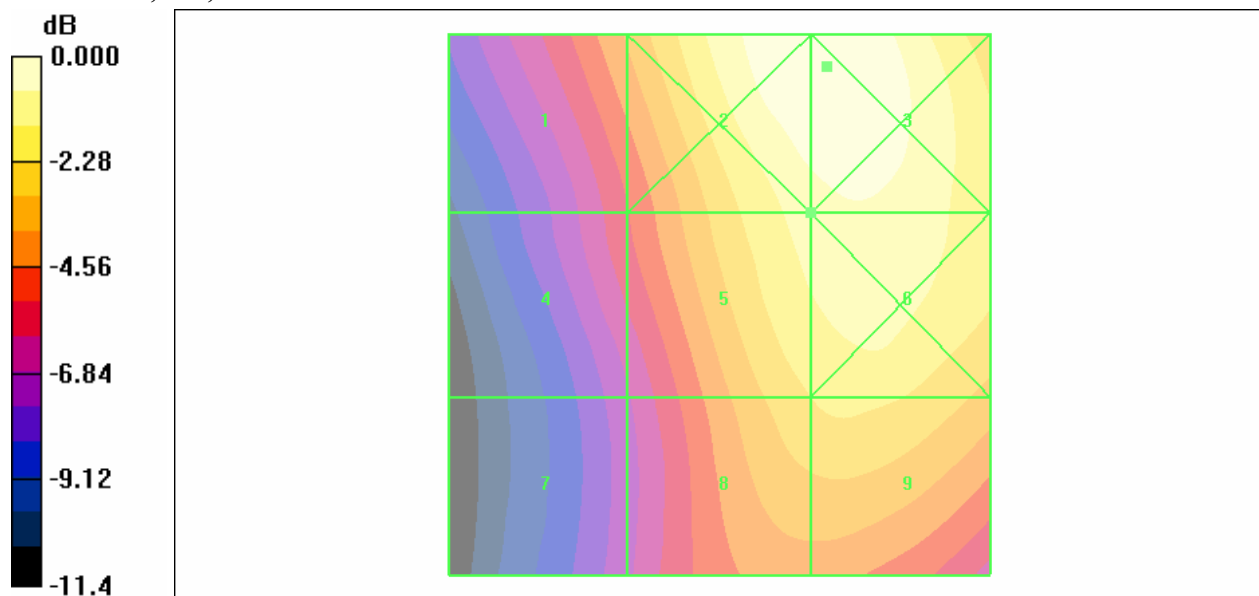
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 79.9 V/m

E Category: M4

Location: -10, -22, 365.8 mm



0 dB = 79.9V/m

Date/Time: 3/19/2008 9:41:06 PM

HAC_E_SCAN_WCDMA Band v ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -High/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 84.1 V/m

Probe Modulation Factor = 1.09

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 76.2 V/m; Power Drift = 0.002 dB

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

Peak E-field in V/m

| | | |
|--------------------------|--------------------------|--------------------------|
| Grid 1 62.9 M4 | Grid 2 92.8 M4 | Grid 3 93.1 M4 |
| Grid 4 53.5 M4 | Grid 5 84.1 M4 | Grid 6 86.2 M4 |
| Grid 7 48.3 M4 | Grid 8 74.2 M4 | Grid 9 75.4 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

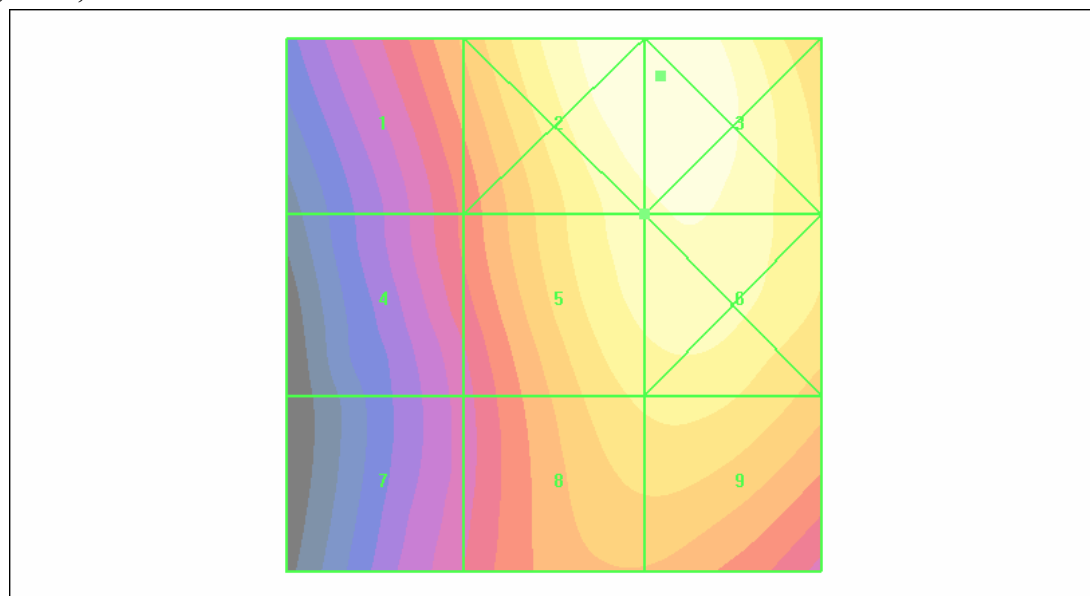
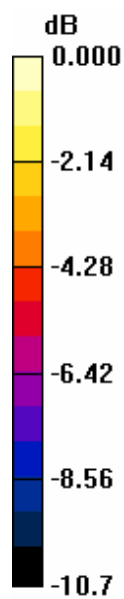
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 93.1 V/m

E Category: M4

Location: -10, -21.5, 365.8 mm



0 dB = 93.1V/m

Date/Time: 3/19/2008 8:26:01 PM

HAC_E_SCAN_WCDMA Band II ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**E Scan - ER probe tip 15mm above Device -Low/Hearing Aid Compatibility Test
(101x101x1): Measurement grid: dx=5mm, dy=5mm**

Maximum value of peak Total field = 73.2 V/m

Probe Modulation Factor = 1.11

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 65.1 V/m; Power Drift = 0.008 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

| | | |
|--------------------------|--------------------------|--------------------------|
| Grid 1 62.5 M4 | Grid 2 72.2 M3 | Grid 3 68.1 M3 |
| Grid 4 63.7 M3 | Grid 5 73.2 M3 | Grid 6 73.2 M3 |
| Grid 7 53.3 M4 | Grid 8 84.6 M3 | Grid 9 84.3 M3 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

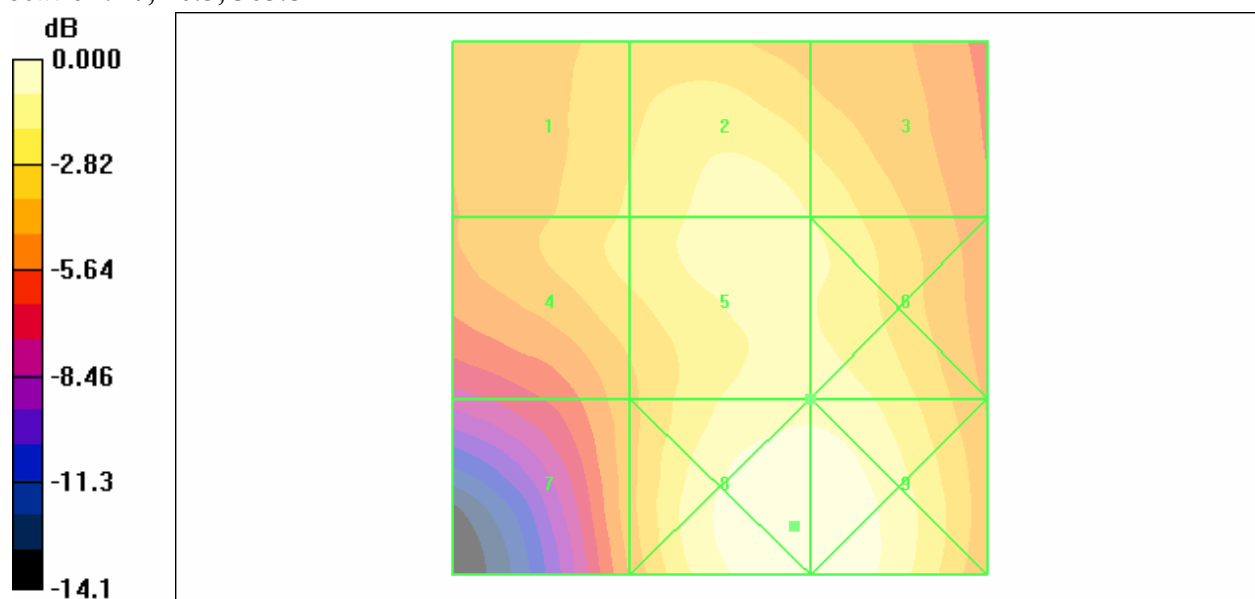
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 84.6 V/m

E Category: M3

Location: -7, 20.5, 365.8 mm



0 dB = 84.6V/m

HAC_E_SCAN_WCDMA Band II ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -Middle/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 75.8 V/m

Probe Modulation Factor = 1.11

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 66.7 V/m; Power Drift = 0.017 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

| | | |
|----------------|----------------|----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 65.1 M3 | 75.5 M3 | 71.3 M3 |
| Grid 4 | Grid 5 | Grid 6 |
| 66.3 M3 | 75.8 M3 | 71.9 M3 |
| Grid 7 | Grid 8 | Grid 9 |
| 54.8 M4 | 83.8 M3 | 83.3 M3 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

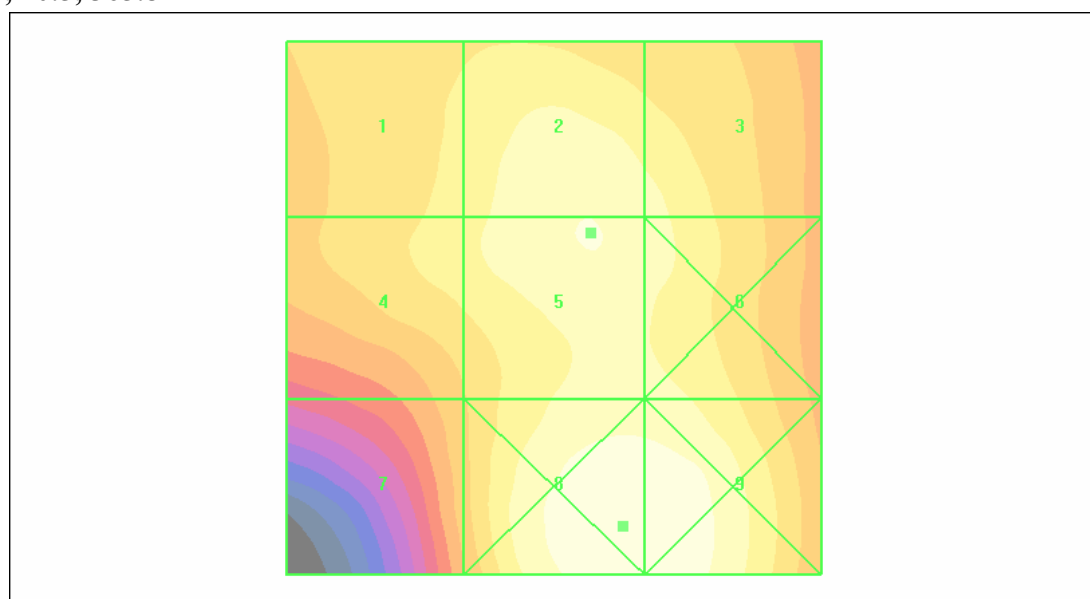
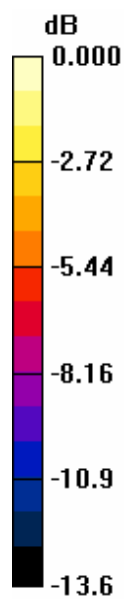
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 83.8 V/m

E Category: M3

Location: -6.5, 20.5, 365.8 mm



0 dB = 83.8V/m

HAC_E_SCAN_WCDMA Band II ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: E Dipole Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1); Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

E Scan - ER probe tip 15mm above Device -High/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 69.2 V/m

Probe Modulation Factor = 1.11

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 60.8 V/m; Power Drift = 0.010 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak E-field in V/m

| | | |
|--------------------------|--------------------------|--------------------------|
| Grid 1 60.0 M4 | Grid 2 69.1 M3 | Grid 3 65.8 M3 |
| Grid 4 61.4 M4 | Grid 5 69.2 M3 | Grid 6 66.2 M3 |
| Grid 7 53.2 M4 | Grid 8 75.7 M3 | Grid 9 75.1 M3 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |

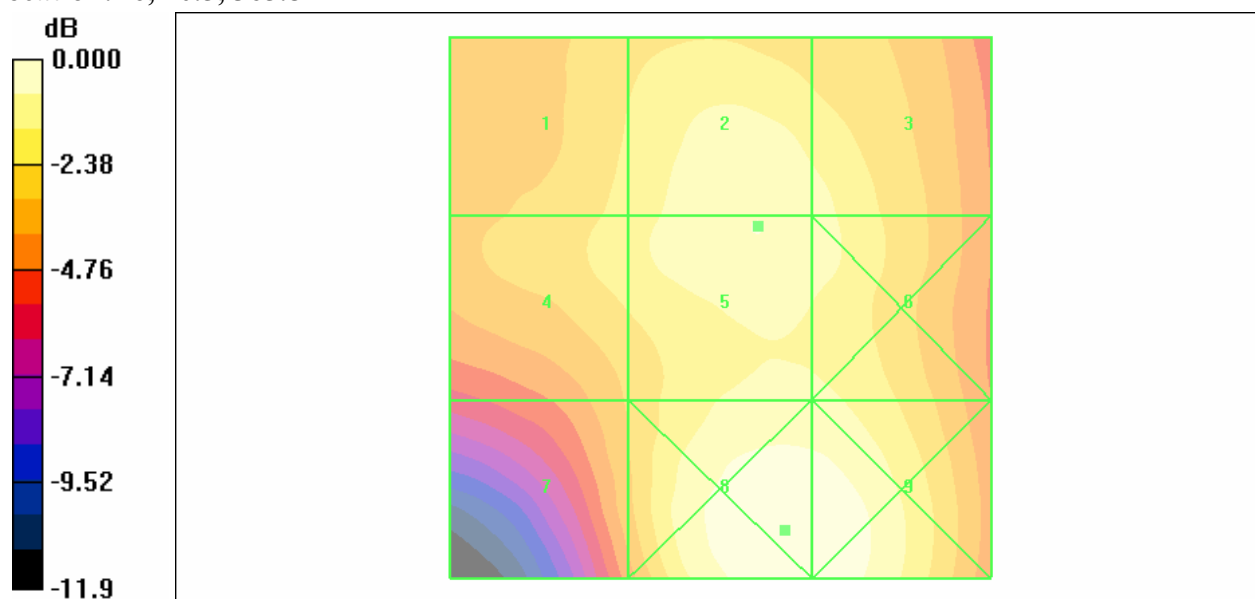
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
|----------|----------|---|--|
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 75.7 V/m

E Category: M3

Location: -6, 20.5, 365.8 mm



0 dB = 75.7V/m

Date/Time: 3/20/2008 2:20:19 AM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_GSM 835 ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DAS4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -Low/Hearing Aid Compatibility

Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.392 A/m

Probe Modulation Factor = 2.18

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.171 A/m; Power Drift = 0.006 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.335 M4 | Grid 2 0.392 M4 | Grid 3 0.372 M4 |
| Grid 4 0.322 M4 | Grid 5 0.392 M4 | Grid 6 0.374 M4 |
| Grid 7 0.259 M4 | Grid 8 0.334 M4 | Grid 9 0.327 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

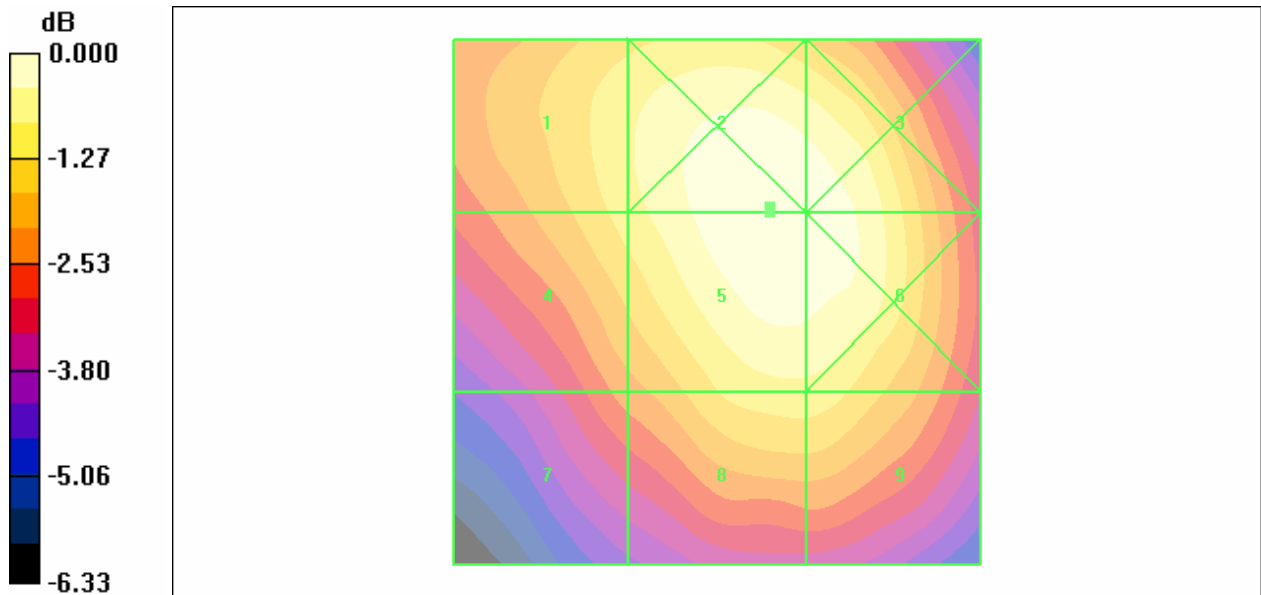
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.392 A/m

H Category: M4

Location: -3.5, -9.5, 365.6 mm



0 dB = 0.392A/m

Date/Time: 3/20/2008 2:08:26 AM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_GSM 835 ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DAS4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -Middle/Hearing Aid

Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.398 A/m

Probe Modulation Factor = 2.18

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.172 A/m; Power Drift = 0.002 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.357 M4 | Grid 2 0.398 M4 | Grid 3 0.374 M4 |
| Grid 4 0.341 M4 | Grid 5 0.398 M4 | Grid 6 0.375 M4 |
| Grid 7 0.287 M4 | Grid 8 0.347 M4 | Grid 9 0.337 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

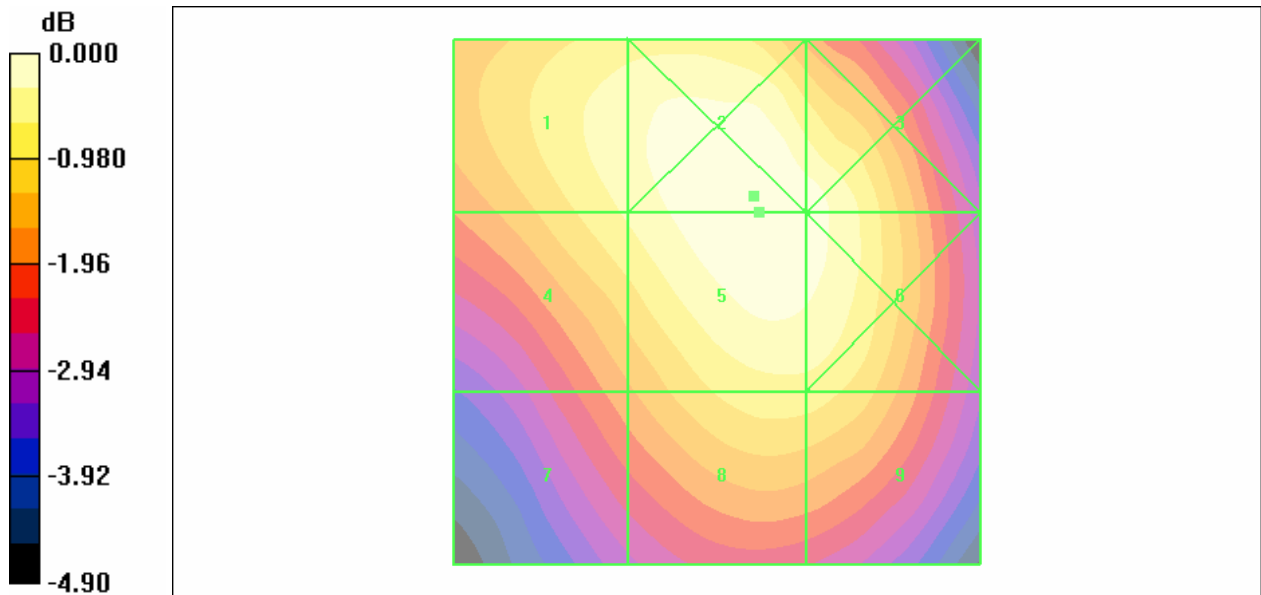
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.398 A/m

H Category: M4

Location: -3.5, -10, 365.6 mm



0 dB = 0.276A/m

Date/Time: 3/20/2008 2:30:45 AM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_GSM 835 ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DAS4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -High/Hearing Aid

Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.375 A/m

Probe Modulation Factor = 2.18

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.161 A/m; Power Drift = 0.015 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.355 M4 | Grid 2 0.377 M4 | Grid 3 0.312 M4 |
| Grid 4 0.350 M4 | Grid 5 0.375 M4 | Grid 6 0.351 M4 |
| Grid 7 0.312 M4 | Grid 8 0.343 M4 | Grid 9 0.324 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

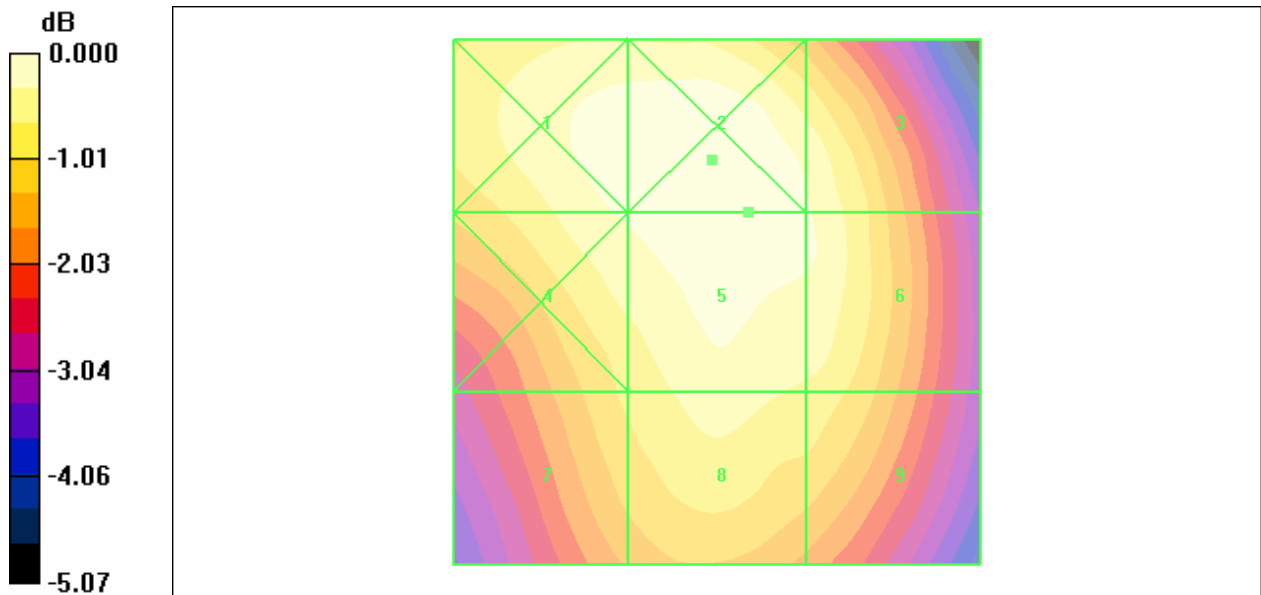
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.377 A/m

H Category: M4

Location: 0, -13.5, 365.6 mm



0 dB = 0.377A/m

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_PCS1900 ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -Low/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.130 A/m

Probe Modulation Factor = 2.06

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.053 A/m; Power Drift = 0.081 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.097 M4 | Grid 2 0.130 M4 | Grid 3 0.129 M4 |
| Grid 4 0.093 M4 | Grid 5 0.130 M4 | Grid 6 0.129 M4 |
| Grid 7 0.093 M4 | Grid 8 0.111 M4 | Grid 9 0.111 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

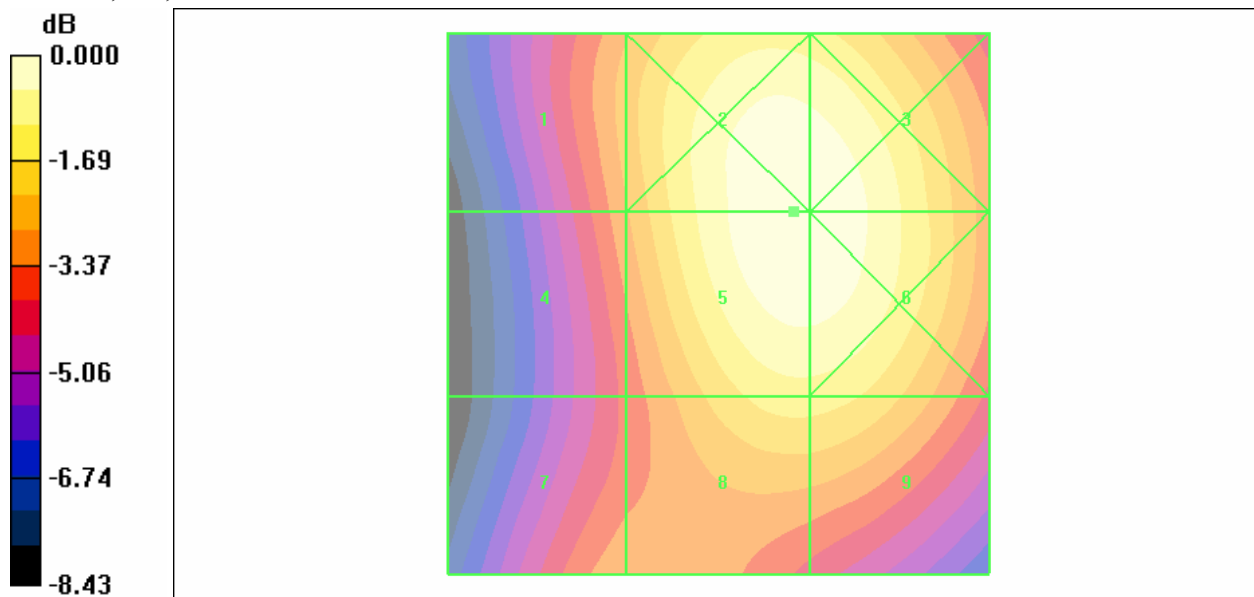
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.130 A/m

H Category: M4

Location: -7, -8.5, 365.6 mm



0 dB = 0.130A/m

Date/Time: 3/20/2008 1:11:54 AM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_PCS1900 ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -Middle/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.119 A/m

Probe Modulation Factor = 2.06

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.049 A/m; Power Drift = 0.051 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.092 M4 | Grid 2 0.119 M4 | Grid 3 0.118 M4 |
| Grid 4 0.089 M4 | Grid 5 0.119 M4 | Grid 6 0.118 M4 |
| Grid 7 0.086 M4 | Grid 8 0.105 M4 | Grid 9 0.105 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

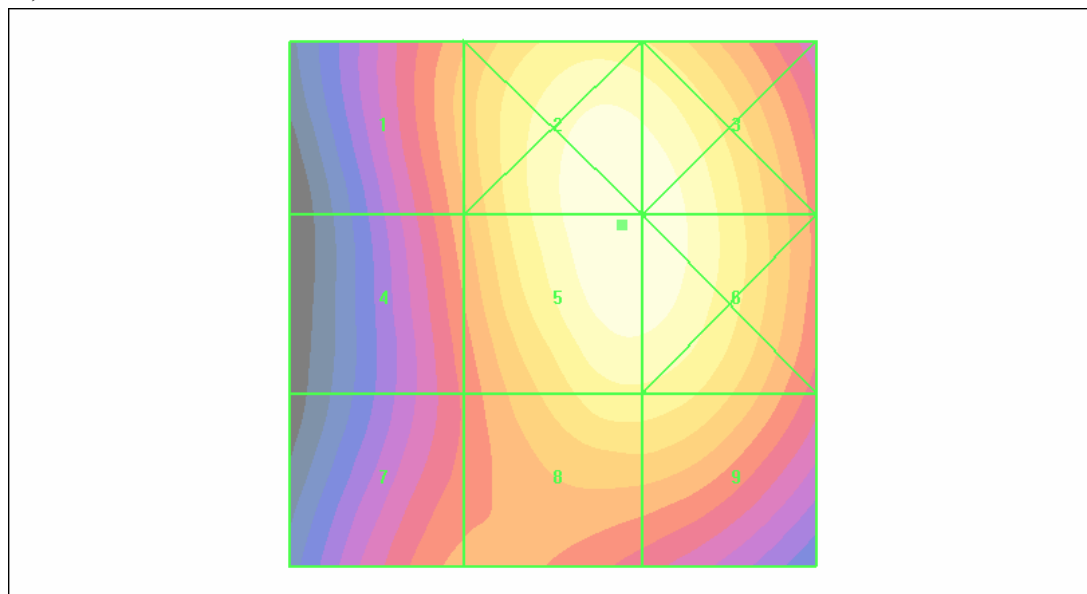
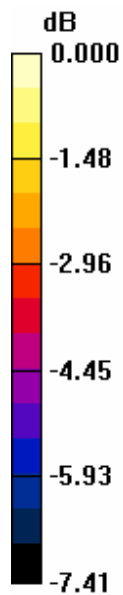
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.119 A/m

H Category: M4

Location: -6.5, -7.5, 365.6 mm



0 dB = 0.119A/m

Date/Time: 3/20/2008 1:27:54 AM

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_PCS1900 ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

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

Phantom section: H Device Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -High/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.110 A/m

Probe Modulation Factor = 2.06

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.044 A/m; Power Drift = 0.031 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.090 M4 | Grid 2 0.110 M4 | Grid 3 0.109 M4 |
| Grid 4 0.086 M4 | Grid 5 0.110 M4 | Grid 6 0.109 M4 |
| Grid 7 0.079 M4 | Grid 8 0.097 M4 | Grid 9 0.097 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

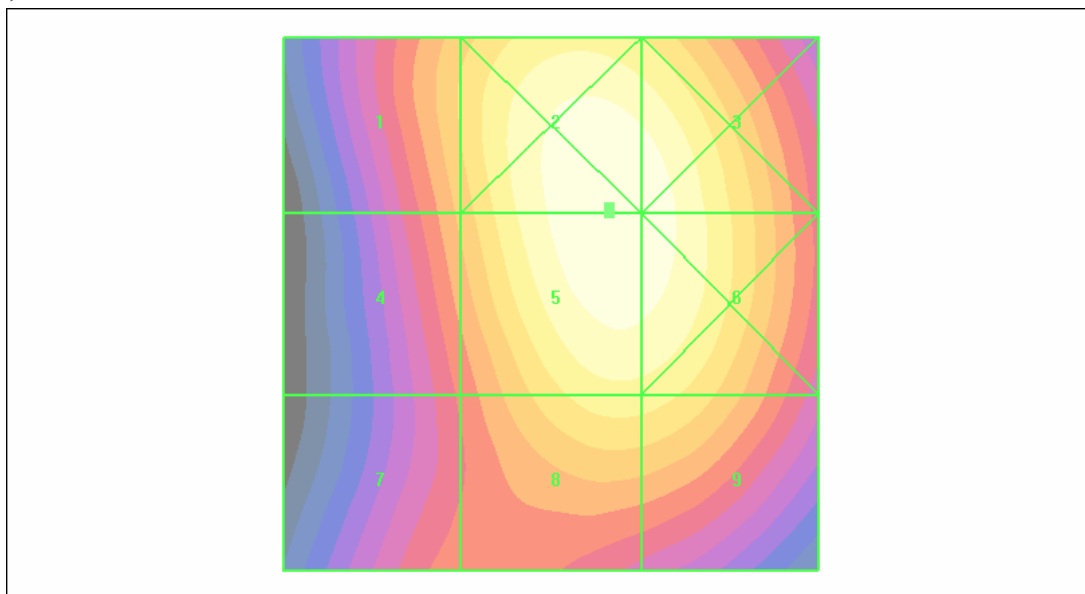
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.110 A/m

H Category: M4

Location: -5.5, -9, 365.6 mm



0 dB = 0.110A/m

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_WCDMA Band V ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -Low/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.210 A/m

Probe Modulation Factor = 1.05

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.192 A/m; Power Drift = 0.008 dB

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

Peak H-field in A/m

| | | |
|-----------------|-----------------|-----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.186 M4 | 0.211 M4 | 0.201 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.181 M4 | 0.210 M4 | 0.201 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.148 M4 | 0.182 M4 | 0.179 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |

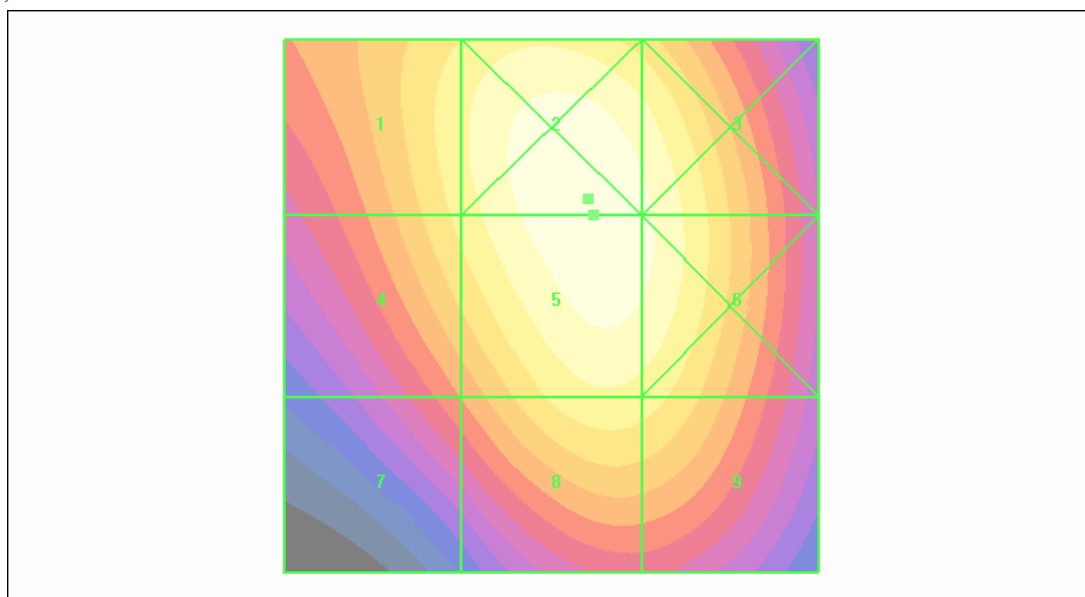
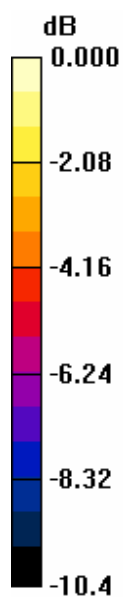
| M4 | 0 | <63.1 | <0.19 |
|----------|----------|---|--|
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.211 A/m

H Category: M4

Location: -3, -10, 365.6 mm



0 dB = 0.211A/m

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_WCDMA Band V ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.6 MHz; Duty Cycle: 1:1

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -Middle/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.194 A/m

Probe Modulation Factor = 1.05

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.177 A/m; Power Drift = 0.039 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.175 M4 | Grid 2 0.195 M4 | Grid 3 0.186 M4 |
| Grid 4 0.170 M4 | Grid 5 0.194 M4 | Grid 6 0.186 M4 |
| Grid 7 0.144 M4 | Grid 8 0.173 M4 | Grid 9 0.169 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |

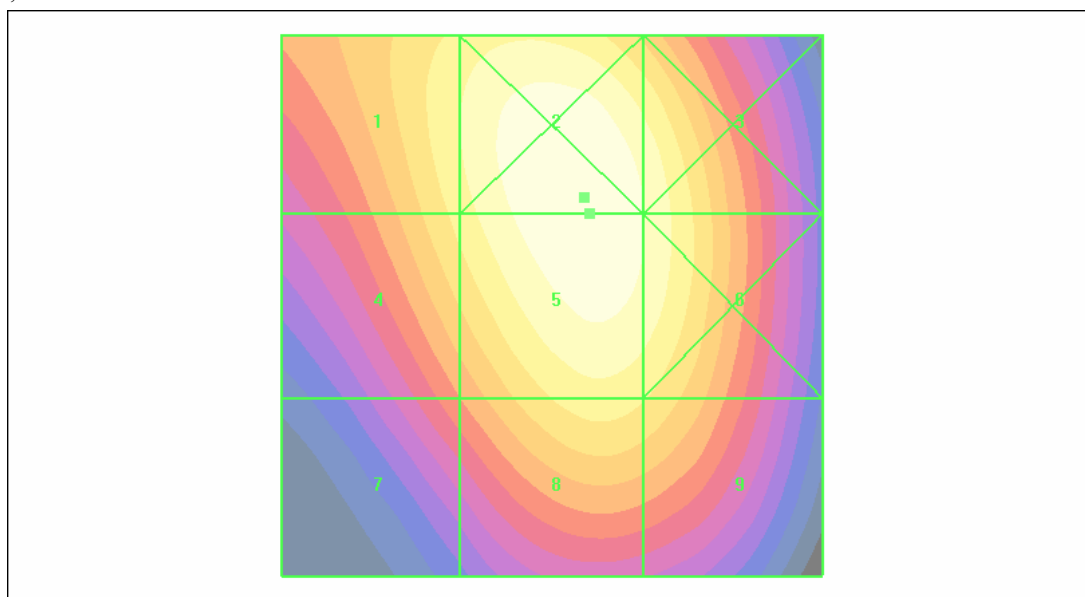
| M4 | 0 | <63.1 | <0.19 |
|----------|----------|---|--|
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.195 A/m

H Category: M4

Location: -3, -9.5, 365.6 mm



0 dB = 0.202A/m

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_WCDMA Band V ULTIMATE 9502 close

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -High/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.209 A/m

Probe Modulation Factor = 1.05

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.191 A/m; Power Drift = 0.002 dB

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

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.197 M4 | Grid 2 0.209 M4 | Grid 3 0.198 M4 |
| Grid 4 0.193 M4 | Grid 5 0.209 M4 | Grid 6 0.198 M4 |
| Grid 7 0.176 M4 | Grid 8 0.194 M4 | Grid 9 0.185 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |

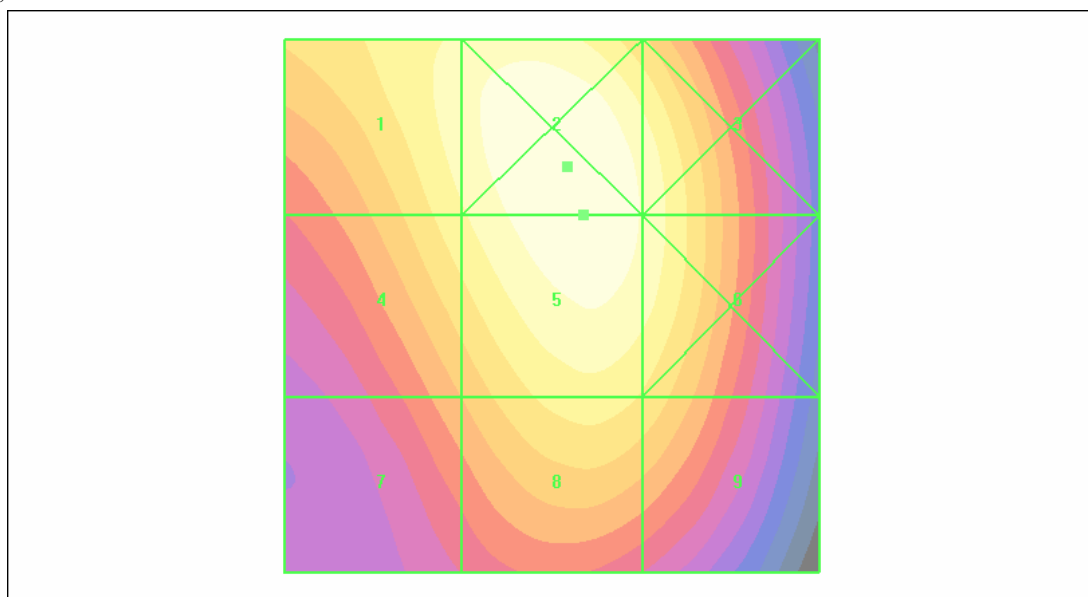
| M4 | 0 | <63.1 | <0.19 |
|----------|----------|---|--|
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.209 A/m

H Category: M4

Location: -3, -9.5, 365.6 mm



0 dB = 0.209A/m

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_WCDMA Band II ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -Low/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.224 A/m

Probe Modulation Factor = 1.02

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.211 A/m; Power Drift = 0.057 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.172 M4 | Grid 2 0.224 M3 | Grid 3 0.223 M3 |
| Grid 4 0.166 M4 | Grid 5 0.224 M3 | Grid 6 0.223 M3 |
| Grid 7 0.165 M4 | Grid 8 0.197 M3 | Grid 9 0.196 M3 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

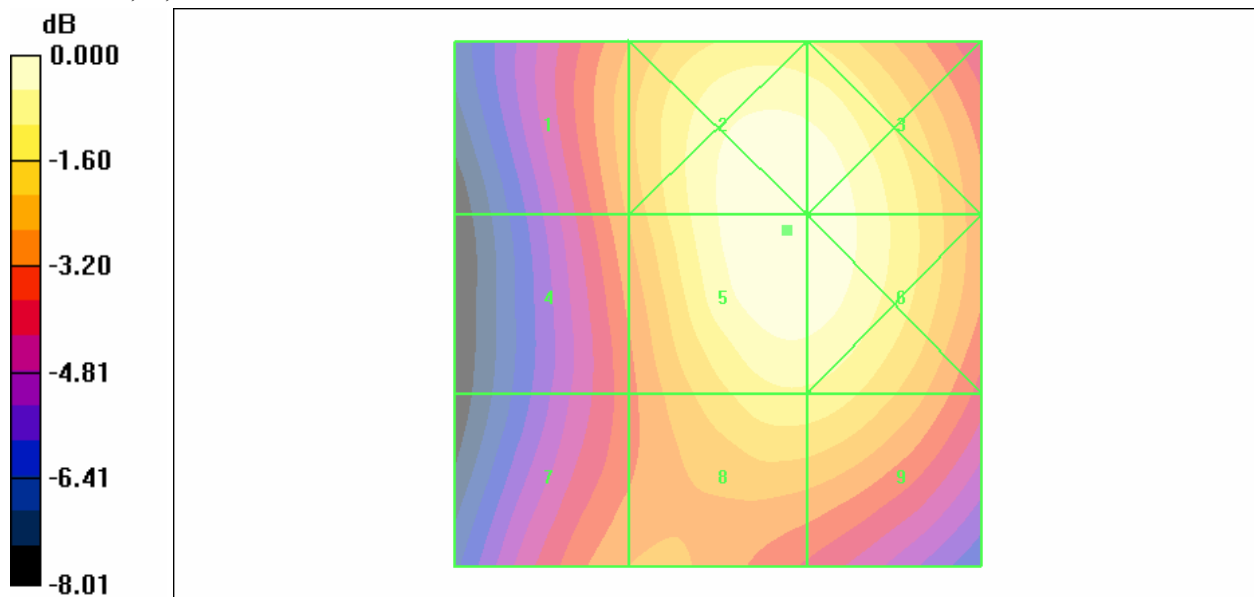
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.224 A/m

H Category: M3

Location: -6.5, -7, 365.6 mm



0 dB = 0.224A/m

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_WCDMA Band II ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -Middle/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.234 A/m

Probe Modulation Factor = 1.02

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.222 A/m; Power Drift = 0.020 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.186 M4 | Grid 2 0.233 M3 | Grid 3 0.232 M3 |
| Grid 4 0.177 M4 | Grid 5 0.234 M3 | Grid 6 0.232 M3 |
| Grid 7 0.180 M4 | Grid 8 0.209 M3 | Grid 9 0.209 M3 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

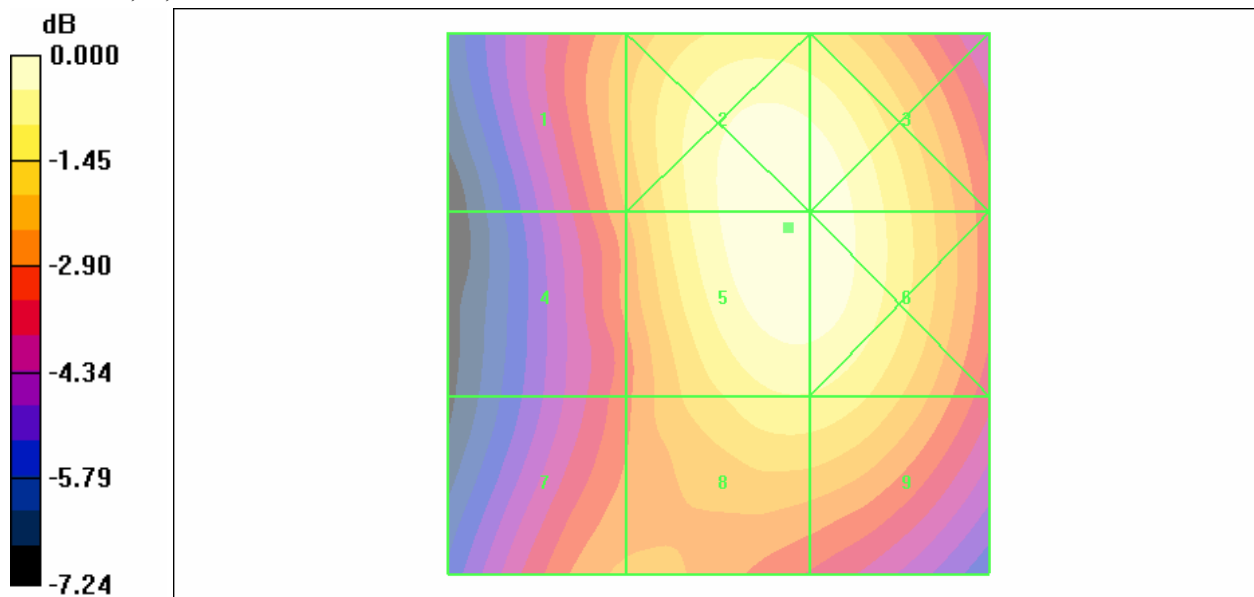
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.234 A/m

H Category: M3

Location: -6.5, -7, 365.6 mm



0 dB = 0.234A/m

Test Laboratory: Compliance Certification Services Inc.

HAC_H_SCAN_WCDMA Band II ULTIMATE 9502 slide

DUT: ULTIMATE 9502; Type: ATLAS; Serial: N/A

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

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

Phantom section: H Device Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ; Calibrated: 4/20/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DAS4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

H Scan - H probe tip 15mm above Device -High/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.211 A/m

Probe Modulation Factor = 1.02

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.199 A/m; Power Drift = 0.022 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Peak H-field in A/m

| | | |
|---------------------------|---------------------------|---------------------------|
| Grid 1 0.173 M4 | Grid 2 0.211 M3 | Grid 3 0.207 M3 |
| Grid 4 0.167 M4 | Grid 5 0.211 M3 | Grid 6 0.207 M3 |
| Grid 7 0.160 M4 | Grid 8 0.188 M4 | Grid 9 0.187 M4 |

| Category | AWF (dB) | Limits for E-Field Emissions (V/m) > 960MHz | Limits for H-Field Emissions (A/m) > 960MHz |
|----------|----------|---|---|
| M1 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M2 | 0 | 112.2 - 199.5 | 0.34 - 0.6 |
| | -5 | 84.1 - 149.6 | 0.25 - 0.45 |
| M3 | 0 | 63.1 - 112.2 | 0.19 - 0.34 |

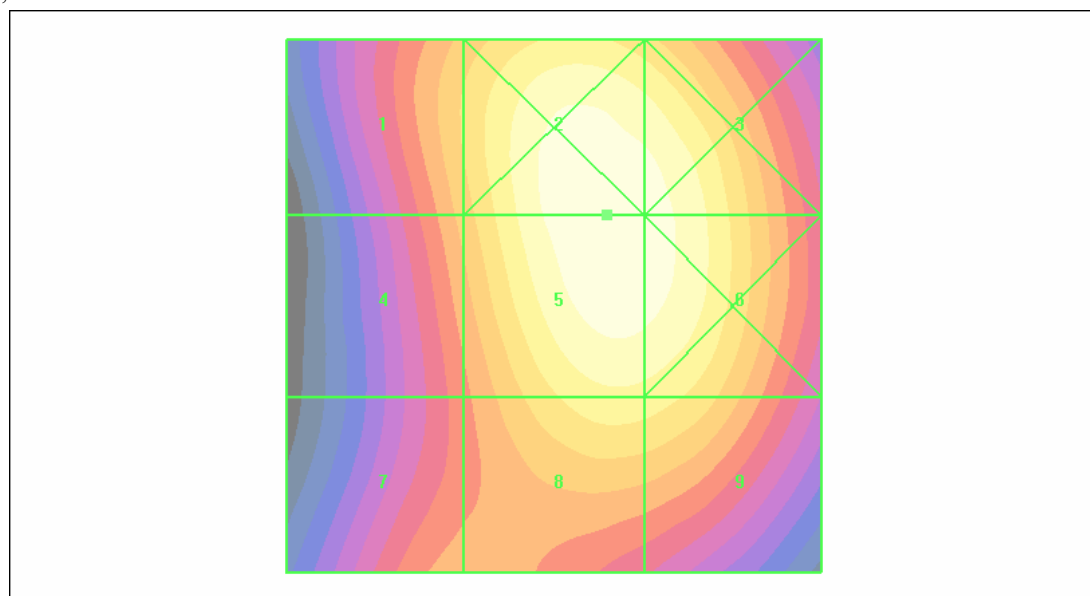
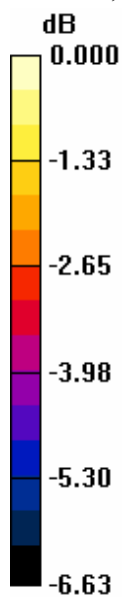
| | -5 | 47.3 - 84.1 | 0.14 - 0.25 |
|----------|----------|---|--|
| M4 | 0 | <63.1 | <0.19 |
| | -5 | <47.3 | <0.14 |
| Category | AWF (dB) | Limits for E-Field Emissions (V/m) < 960MHz | Limits for H-Field Emissions (A/m) < 960 MHz |
| M1 | 0 | 631 - 1122 | 1.91 - 3.39 |
| | -5 | 473.2 - 841.4 | 1.43 - 2.54 |
| M2 | 0 | 354.8 - 631 | 1.07 - 1.91 |
| | -5 | 266.1 - 473.2 | 0.8 - 1.43 |
| M3 | 0 | 199.5 - 354.8 | 0.6 - 1.07 |
| | -5 | 149.6 - 266.1 | 0.45 - 0.8 |
| M4 | 0 | <199.5 | <0.6 |
| | -5 | <149.6 | <0.45 |

Cursor:

Total = 0.211 A/m

H Category: M3

Location: -5, -8.5, 365.6 mm



0 dB = 0.211A/m