

Plot 1

Date/Time: 2/4/2013 4:14:19 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: Handset; Serial: 12359J0038

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 20.1C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), z = 8.7
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASYS2 52.8.5(1059);

GSM 850_Device E-Field measurement/GSM 824 MHz/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 51.42 V/m; Power Drift = 0.04 dB

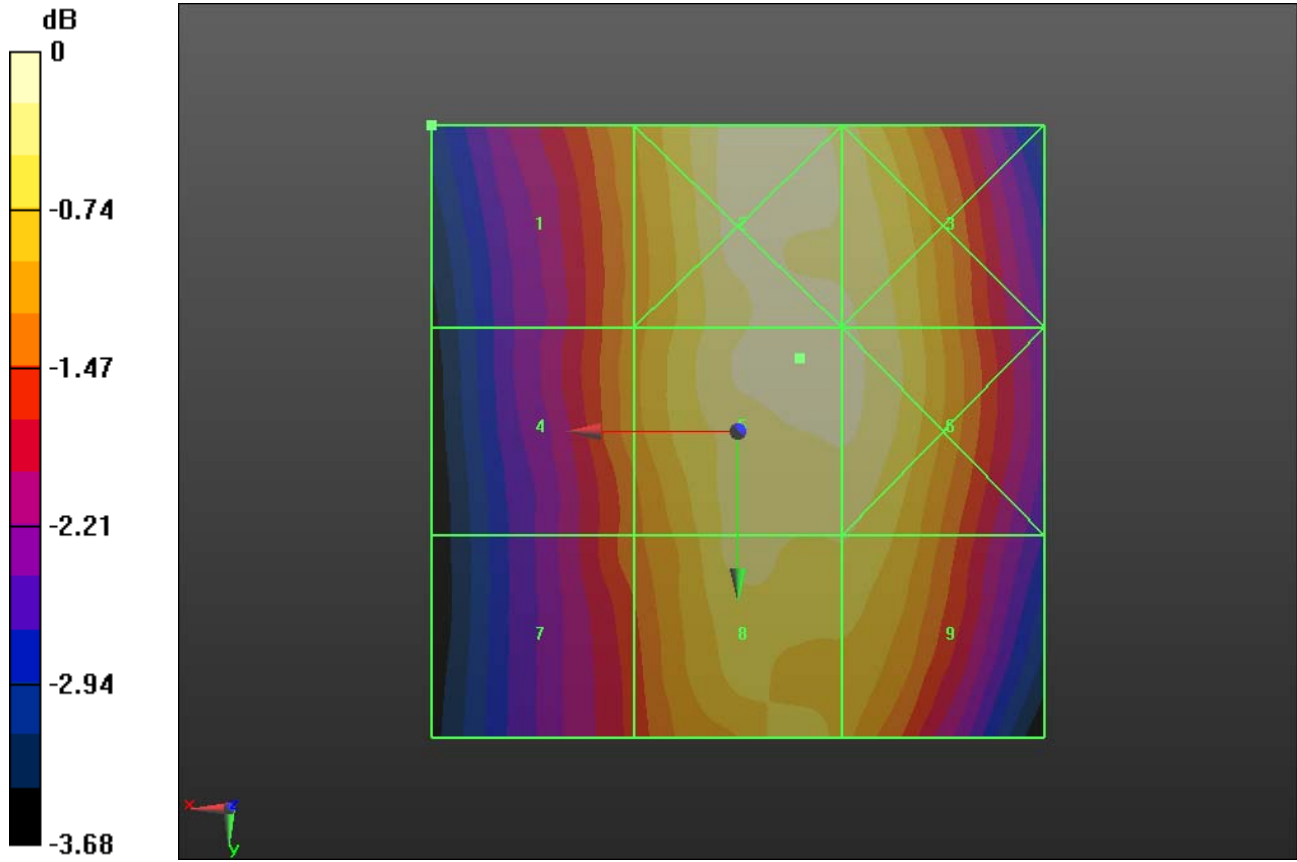
Applied MIF = 3.63 dB

RF audio interference level = 36.25 dB V/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.44 dB V/m	Grid 2 M4 36.4 dB V/m	Grid 3 M4 36.2 dB V/m
Grid 4 M4 35.36 dB V/m	Grid 5 M4 36.25 dB V/m	Grid 6 M4 36.25 dB V/m
Grid 7 M4 35.1 dB V/m	Grid 8 M4 36.06 dB V/m	Grid 9 M4 35.93 dB V/m



0 dB = 66.07 V/m = 36.40 dB V/m

Plot 2

Date/Time: 2/4/2013 4:26:33 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: Handset; Serial: 12359J0038

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 20.8 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), z = 8.7
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASYS2 52.8.5(1059);

GSM 850_Device E-Field measurement/GSM 836 MHz/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 63.02 V/m; Power Drift = 0.00 dB

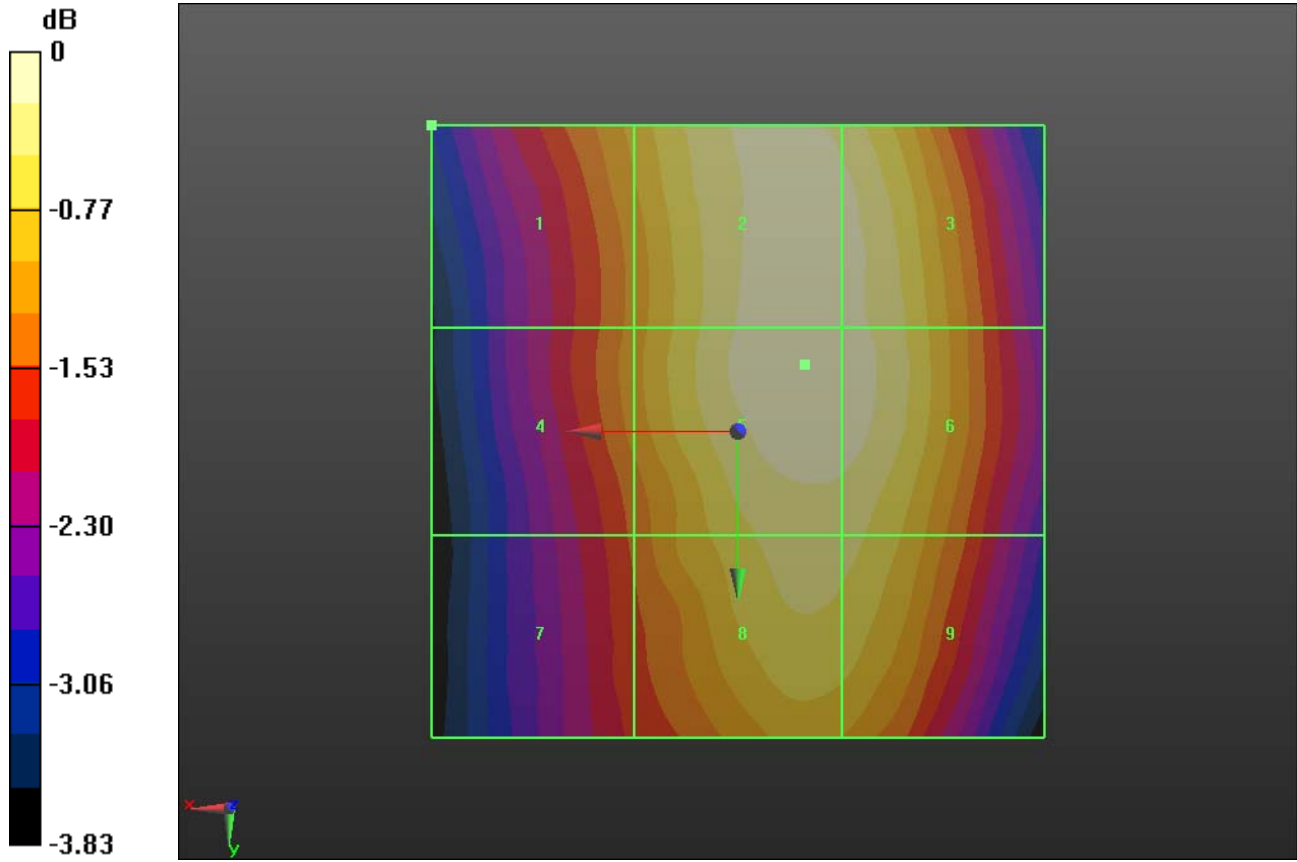
Applied MIF = 3.63 dB

RF audio interference level = 38.07 dB V/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.14 dB V/m	Grid 2 M4 38.02 dB V/m	Grid 3 M4 37.95 dB V/m
Grid 4 M4 36.96 dB V/m	Grid 5 M4 38.07 dB V/m	Grid 6 M4 38.01 dB V/m
Grid 7 M4 36.61 dB V/m	Grid 8 M4 37.71 dB V/m	Grid 9 M4 37.66 dB V/m



0 dB = 80.05 V/m = 38.07 dB V/m

Plot 3

Date/Time: 2/4/2013 4:33:10 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: Handset; Serial: 12359J0038

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 20.8 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), z = 8.7
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASY52 52.8.5(1059);

GSM 850_Device E-Field measurement/GSM 848 MHz/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 63.72 V/m; Power Drift = -0.00 dB

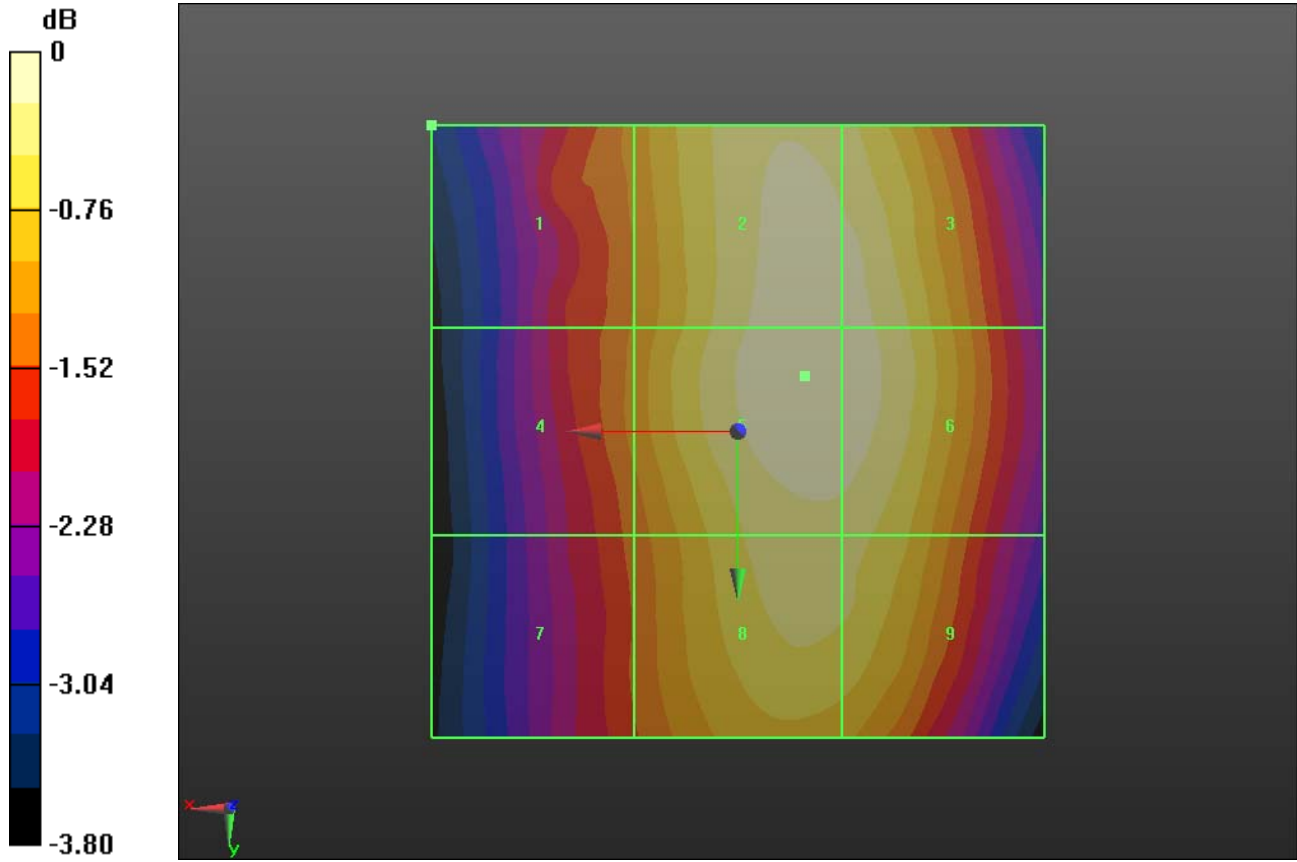
Applied MIF = 3.63 dB

RF audio interference level = 38.17 dB V/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.02 dB V/m	Grid 2 M4 38.12 dB V/m	Grid 3 M4 38.08 dB V/m
Grid 4 M4 37.01 dB V/m	Grid 5 M4 38.17 dB V/m	Grid 6 M4 38.12 dB V/m
Grid 7 M4 36.76 dB V/m	Grid 8 M4 37.87 dB V/m	Grid 9 M4 37.81 dB V/m



0 dB = 81.01 V/m = 38.17 dB V/m

Plot 4

Date/Time: 2/4/2013 4:44:06 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: Handset; Serial: 12359J0038

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 20.8 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), $z = 8.7$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASY52 52.8.5(1059);

GSM 1900_Device E-Field measurement/GSM 1850 MHz/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm,

dy=5mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.16 V/m; Power Drift = -0.01 dB

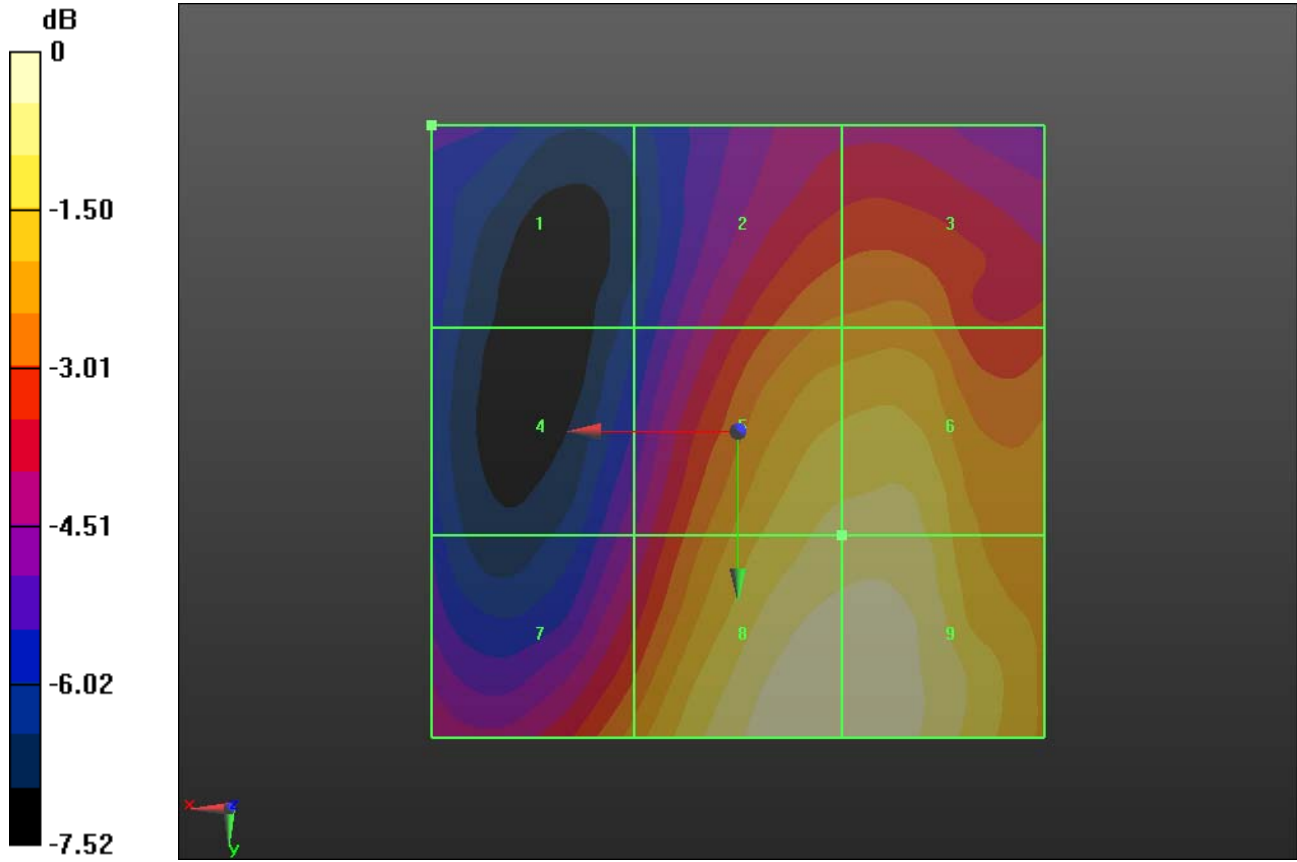
Applied MIF = 3.63 dB

RF audio interference level = 26.48 dB V/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.32 dB V/m	Grid 2 M4 24.12 dB V/m	Grid 3 M4 24.26 dB V/m
Grid 4 M4 21.95 dB V/m	Grid 5 M4 25.69 dB V/m	Grid 6 M4 25.77 dB V/m
Grid 7 M4 24.21 dB V/m	Grid 8 M4 26.48 dB V/m	Grid 9 M4 26.45 dB V/m



0 dB = 21.09 V/m = 26.48 dB V/m

Plot 5

Date/Time: 2/4/2013 4:55:36 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: Handset; Serial: 12359J0038

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 21.0 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), $z = 8.7$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASY52 52.8.5(1059);

GSM 1900_Device E-Field measurement/GSM 1880 MHz/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: $dx=5\text{mm}$,
 $dy=5\text{mm}$

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.16 V/m; Power Drift = -0.04 dB

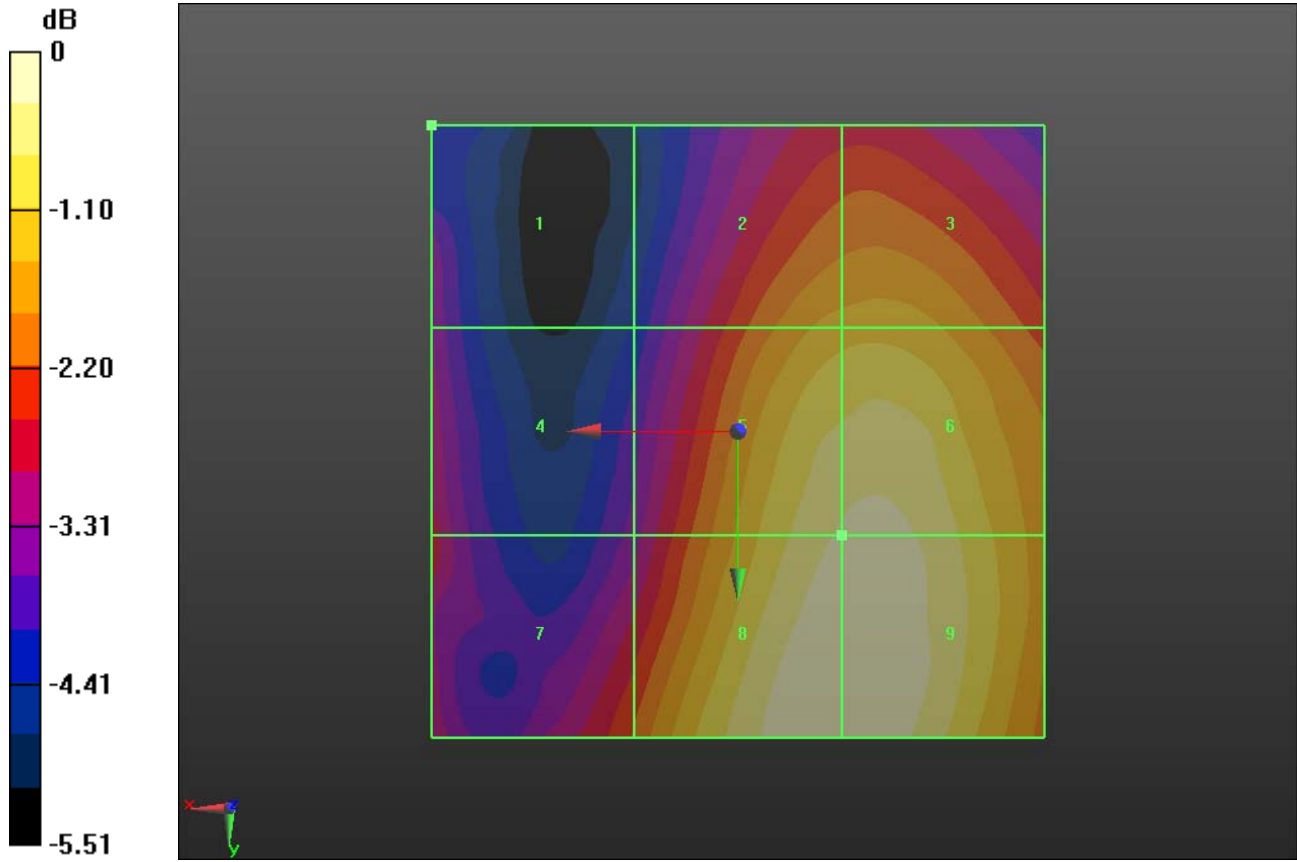
Applied MIF = 3.63 dB

RF audio interference level = 26.37 dB V/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.07 dB V/m	Grid 2 M4 25.06 dB V/m	Grid 3 M4 25.13 dB V/m
Grid 4 M4 23.68 dB V/m	Grid 5 M4 26.05 dB V/m	Grid 6 M4 26.13 dB V/m
Grid 7 M4 24.21 dB V/m	Grid 8 M4 26.37 dB V/m	Grid 9 M4 26.37 dB V/m



0 dB = 20.81 V/m = 26.37 dB V/m

Plot 6

Date/Time: 2/4/2013 5:03:45 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: Handset; Serial: 12359J0038

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 21.2 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), $z = 8.7$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASYS2 52.8.5(1059);

GSM 1900_Device E-Field measurement/GSM 1910 MHz/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm,

dy=5mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.86 V/m; Power Drift = -0.04 dB

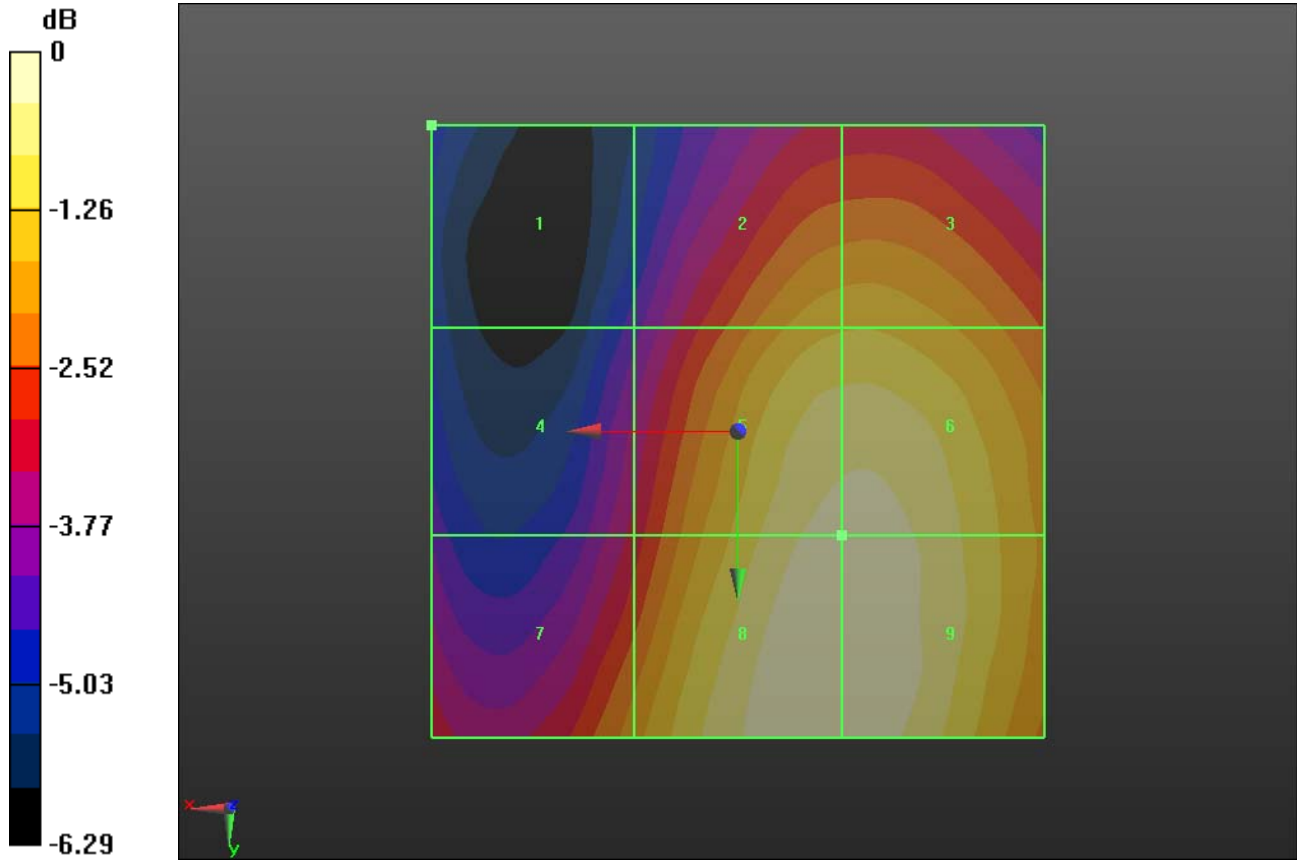
Applied MIF = 3.63 dB

RF audio interference level = 27.63 dB V/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.26 dB V/m	Grid 2 M4 26.33 dB V/m	Grid 3 M4 26.36 dB V/m
Grid 4 M4 24.46 dB V/m	Grid 5 M4 27.35 dB V/m	Grid 6 M4 27.36 dB V/m
Grid 7 M4 25.79 dB V/m	Grid 8 M4 27.63 dB V/m	Grid 9 M4 27.62 dB V/m



0 dB = 24.06 V/m = 27.63 dB V/m

Plot 7

Date/Time: 2/4/2013 5:33:04 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: phone; Serial: 12359J003C

Communication System: UMTS-FDD (WCDMA); Frequency: 826.4 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 21.5 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), z = 8.7
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASYS2 52.8.5(1059);

WCDMA FDD V_Device E-Field measurement/WCDMA 826**MHz/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 51.44 V/m; Power Drift = 0.03 dB

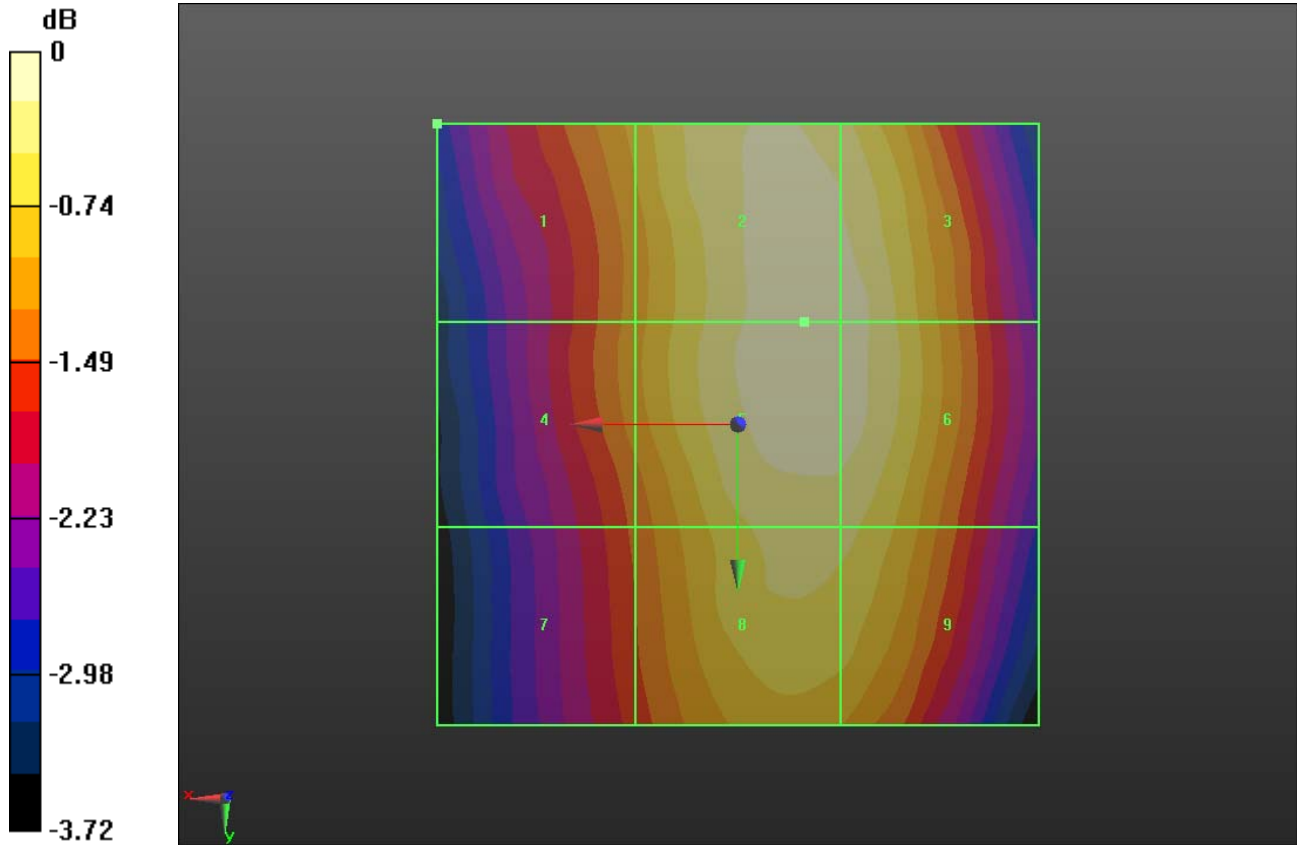
Applied MIF = -27.23 dB

RF audio interference level = 5.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 4.62 dBV/m	Grid 2 M4 5.52 dBV/m	Grid 3 M4 5.44 dBV/m
Grid 4 M4 4.47 dBV/m	Grid 5 M4 5.51 dBV/m	Grid 6 M4 5.44 dBV/m
Grid 7 M4 4.11 dBV/m	Grid 8 M4 5.14 dBV/m	Grid 9 M4 5.11 dBV/m



0 dB = 1.887 V/m = 5.52 dBV/m

Plot 8

Date/Time: 2/4/2013 5:38:45 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: phone; Serial: 12359J003C

Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 21.5 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), z = 8.7
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASYS2 52.8.5(1059);

WCDMA FDD V_Device E-Field measurement/WCDMA 836**MHz/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 54.61 V/m; Power Drift = -0.05 dB

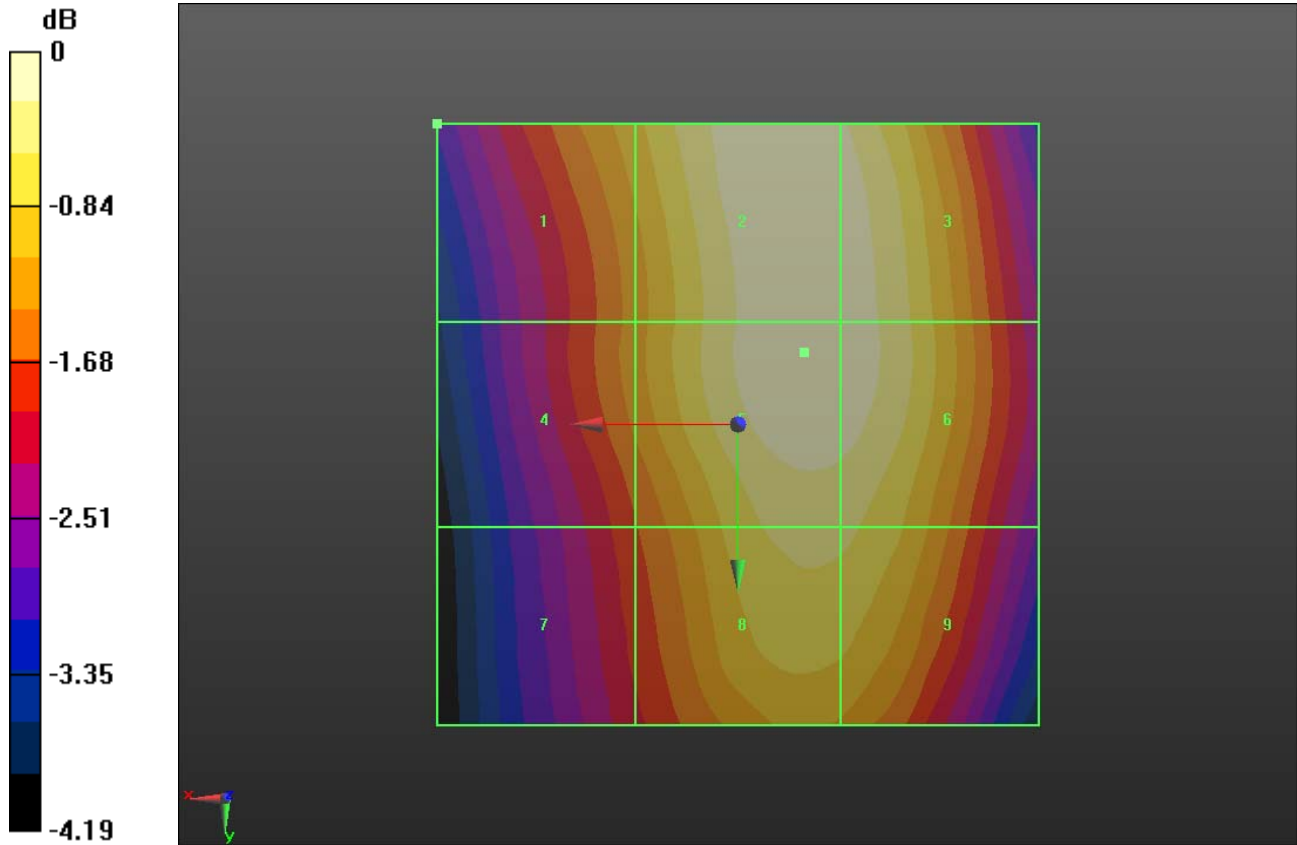
Applied MIF = -27.23 dB

RF audio interference level = 6.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 5.11 dBV/m	Grid 2 M4 6.02 dBV/m	Grid 3 M4 5.95 dBV/m
Grid 4 M4 4.8 dBV/m	Grid 5 M4 6.01 dBV/m	Grid 6 M4 5.96 dBV/m
Grid 7 M4 4.33 dBV/m	Grid 8 M4 5.56 dBV/m	Grid 9 M4 5.53 dBV/m



0 dB = 1.999 V/m = 6.02 dBV/m

Plot 9

Date/Time: 2/4/2013 5:44:35 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: phone; Serial: 12359J003C

Communication System: UMTS-FDD (WCDMA); Frequency: 846.6 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 21.5 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), z = 8.7
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASYS2 52.8.5(1059);

WCDMA FDD V_Device E-Field measurement/WCDMA 846

MHz/Hearing Aid Compatibility Test (101x101x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 59.35 V/m; Power Drift = -0.08 dB

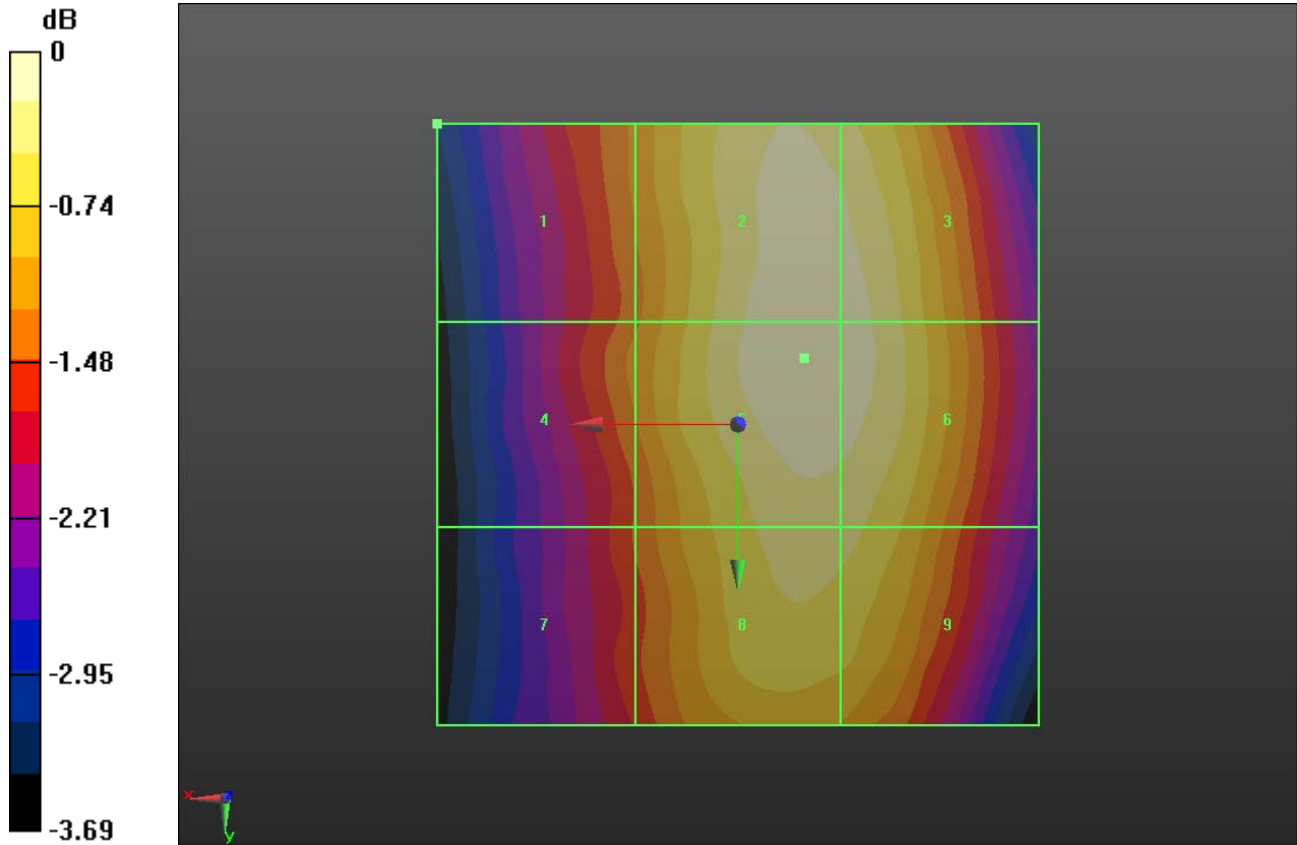
Applied MIF = -27.23 dB

RF audio interference level = 6.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 5.48 dBV/m	Grid 2 M4 6.59 dBV/m	Grid 3 M4 6.56 dBV/m
Grid 4 M4 5.5 dBV/m	Grid 5 M4 6.64 dBV/m	Grid 6 M4 6.58 dBV/m
Grid 7 M4 5.2 dBV/m	Grid 8 M4 6.27 dBV/m	Grid 9 M4 6.25 dBV/m



0 dB = 2.147 V/m = 6.64 dBV/m

Plot 10

Date/Time: 2/4/2013 5:14:58 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: Handset; Serial: 12359J0038

Communication System: UMTS-FDD (WCDMA); Frequency: 1852.4 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 21.2 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), $z = 8.7$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASY52 52.8.5(1059);

WCDMA FDD II_Device E-Field measurement/WCDMA 1852

MHz/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.59 V/m; Power Drift = 0.11 dB

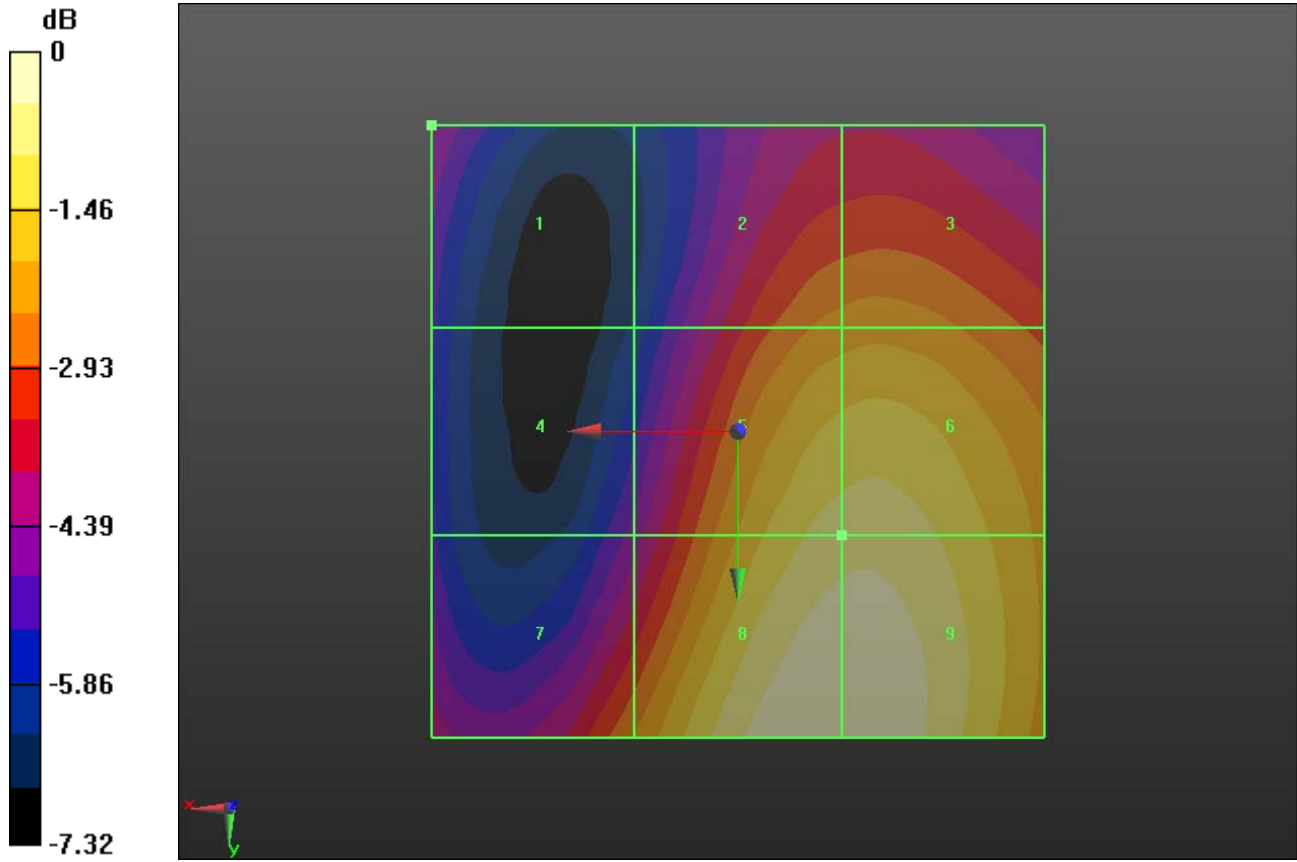
Applied MIF = -27.23 dB

RF audio interference level = -0.76 dB V/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 -5 dB V/m	Grid 2 M4 -2.98 dB V/m	Grid 3 M4 -2.88 dB V/m
Grid 4 M4 -5.38 dB V/m	Grid 5 M4 -1.48 dB V/m	Grid 6 M4 -1.42 dB V/m
Grid 7 M4 -3.16 dB V/m	Grid 8 M4 -0.76 dB V/m	Grid 9 M4 -0.77 dB V/m



0 dB = 0.9158 V/m = -0.76 dB V/m

Plot 11

Date/Time: 2/4/2013 5:20:57 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: Handset; Serial: 12359J0038

Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 21.3 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), $z = 8.7$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASYS2 52.8.5(1059);

WCDMA FDD II_Device E-Field measurement/WCDMA 1880

MHz/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.38 V/m; Power Drift = 0.17 dB

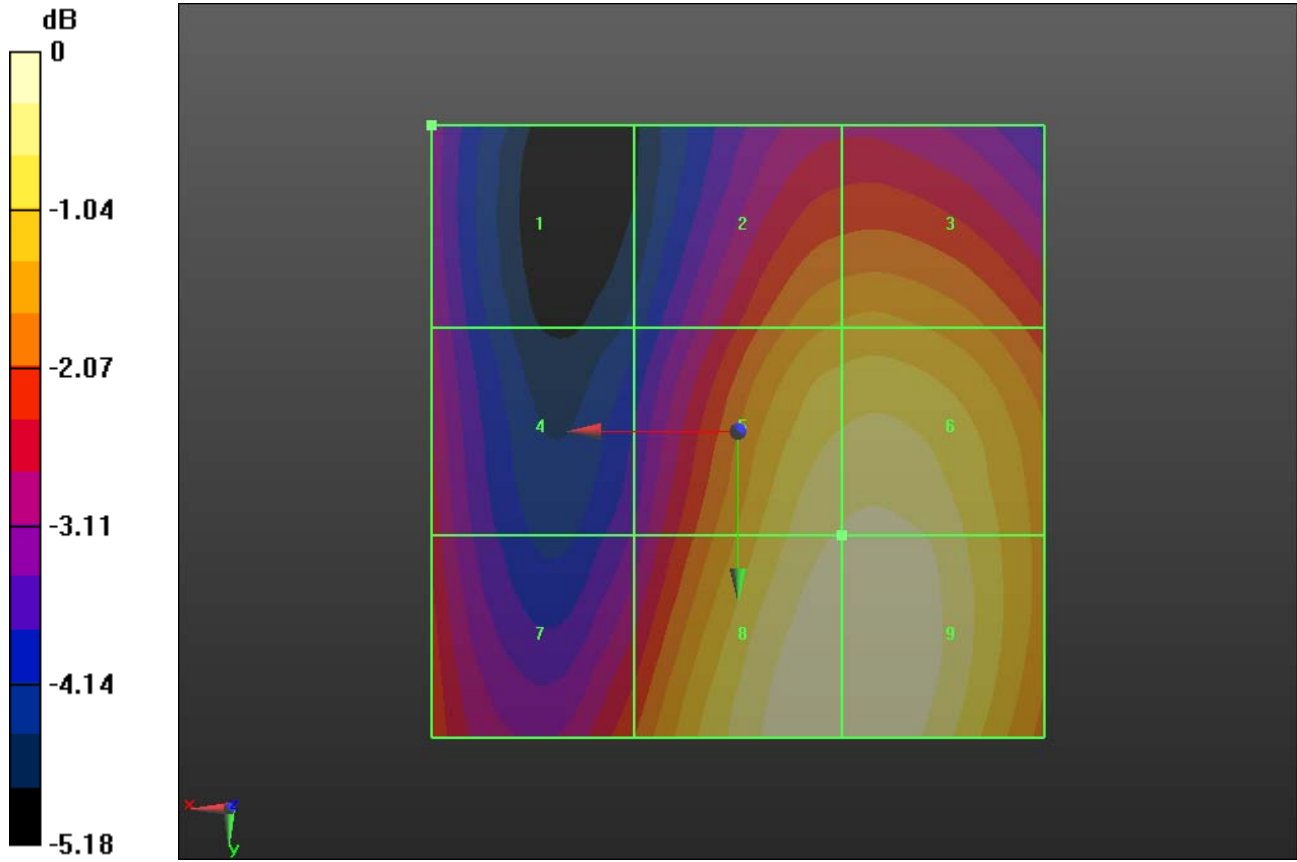
Applied MIF = -27.23 dB

RF audio interference level = -1.16 dB V/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 -4.13 dB V/m	Grid 2 M4 -2.48 dB V/m	Grid 3 M4 -2.41 dB V/m
Grid 4 M4 -3.66 dB V/m	Grid 5 M4 -1.48 dB V/m	Grid 6 M4 -1.41 dB V/m
Grid 7 M4 -3.23 dB V/m	Grid 8 M4 -1.17 dB V/m	Grid 9 M4 -1.16 dB V/m



0 dB = 0.8745 V/m = -1.16 dB V/m

Plot 12

Date/Time: 2/4/2013 5:26:44 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: Handset; Serial: 12359J0038

Communication System: UMTS-FDD (WCDMA); Frequency: 1907.6 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 21.3 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), $z = 8.7$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASYS2 52.8.5(1059);

WCDMA FDD II_Device E-Field measurement/WCDMA 1908

MHz/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.07 V/m; Power Drift = -0.09 dB

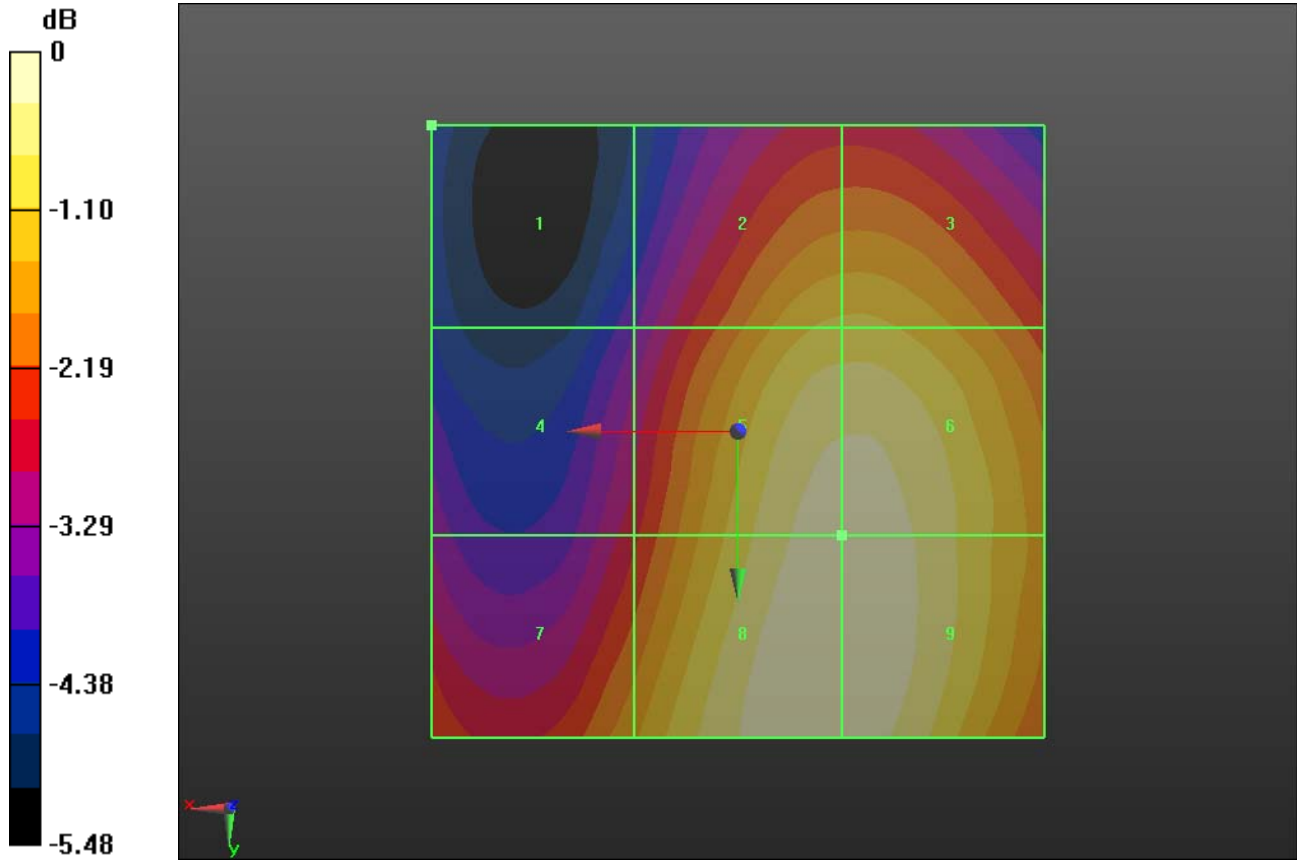
Applied MIF = -27.23 dB

RF audio interference level = -0.65 dB V/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 -4.33 dB V/m	Grid 2 M4 -1.64 dB V/m	Grid 3 M4 -1.63 dB V/m
Grid 4 M4 -3.28 dB V/m	Grid 5 M4 -0.8 dB V/m	Grid 6 M4 -0.8 dB V/m
Grid 7 M4 -2.16 dB V/m	Grid 8 M4 -0.65 dB V/m	Grid 9 M4 -0.65 dB V/m



0 dB = 0.9281 V/m = -0.65 dB V/m

Plot 13

Date/Time: 2/4/2013 5:56:11 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: Handset; Serial: 12359J0038

Communication System: CDMA2000 (1xRTT, RC3); Frequency: 824.7 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 21.7 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), $z = 8.7$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASYS2 52.8.5(1059);

CDMA BC0_Device E-Field measurement/CDMA 824

MHz/Hearing Aid Compatibility Test (101x101x1): Interpolated grid:

 $dx=0.5000$ mm, $dy=0.5000$ mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 56.12 V/m; Power Drift = -0.07 dB

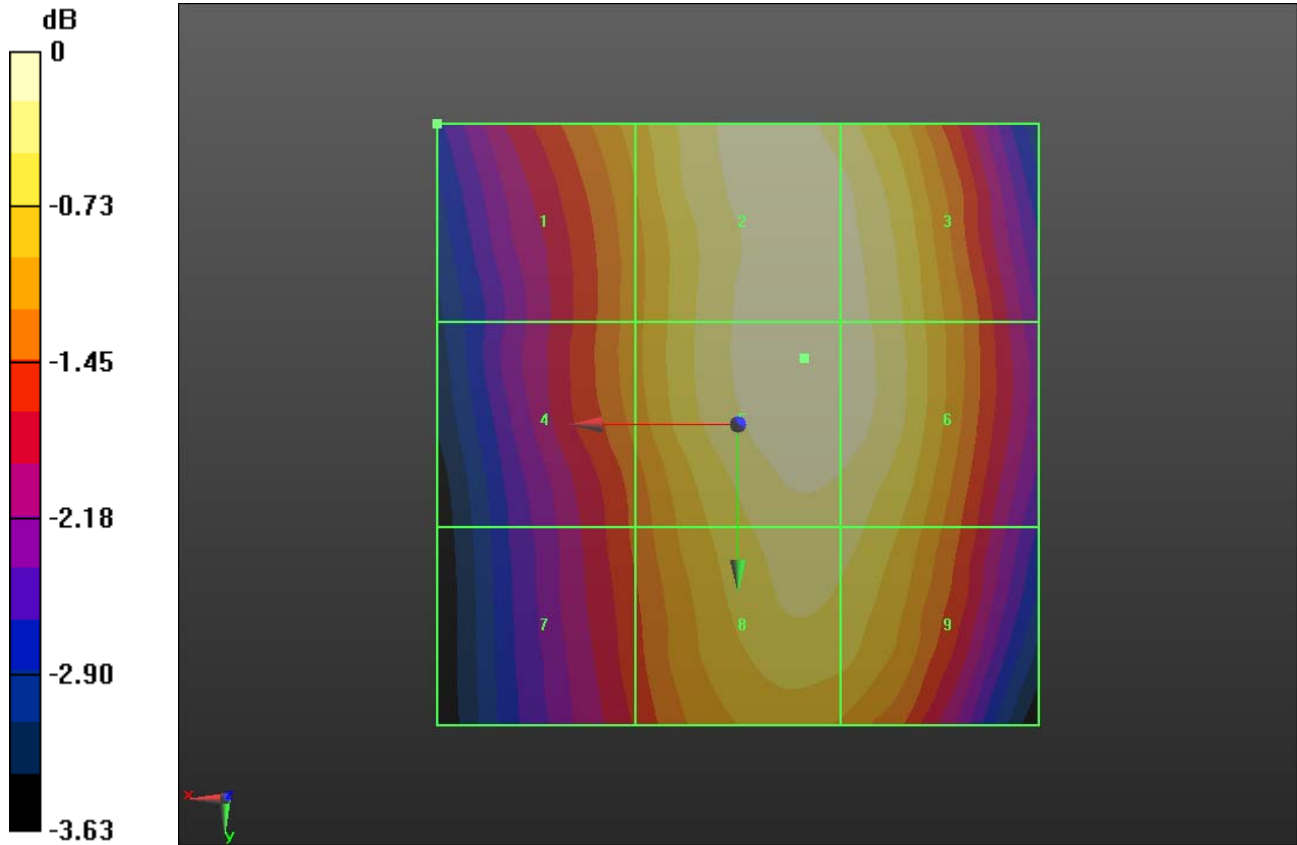
Applied MIF = -19.71 dB

RF audio interference level = 13.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.83 dBV/m	Grid 2 M4 13.62 dBV/m	Grid 3 M4 13.57 dBV/m
Grid 4 M4 12.63 dBV/m	Grid 5 M4 13.66 dBV/m	Grid 6 M4 13.61 dBV/m
Grid 7 M4 12.28 dBV/m	Grid 8 M4 13.32 dBV/m	Grid 9 M4 13.29 dBV/m



0 dB = 4.820 V/m = 13.66 dBV/m

Plot 14

Date/Time: 2/4/2013 6:02:29 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: Handset; Serial: 12359J0038

Communication System: CDMA2000 (1xRTT, RC3); Frequency: 836.52 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 21.7 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), $z = 8.7$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASYS2 52.8.5(1059);

CDMA BC0_Device E-Field measurement/CDMA 836

MHz/Hearing Aid Compatibility Test (101x101x1): Interpolated grid:

 $dx=0.5000$ mm, $dy=0.5000$ mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 59.74 V/m; Power Drift = 0.03 dB

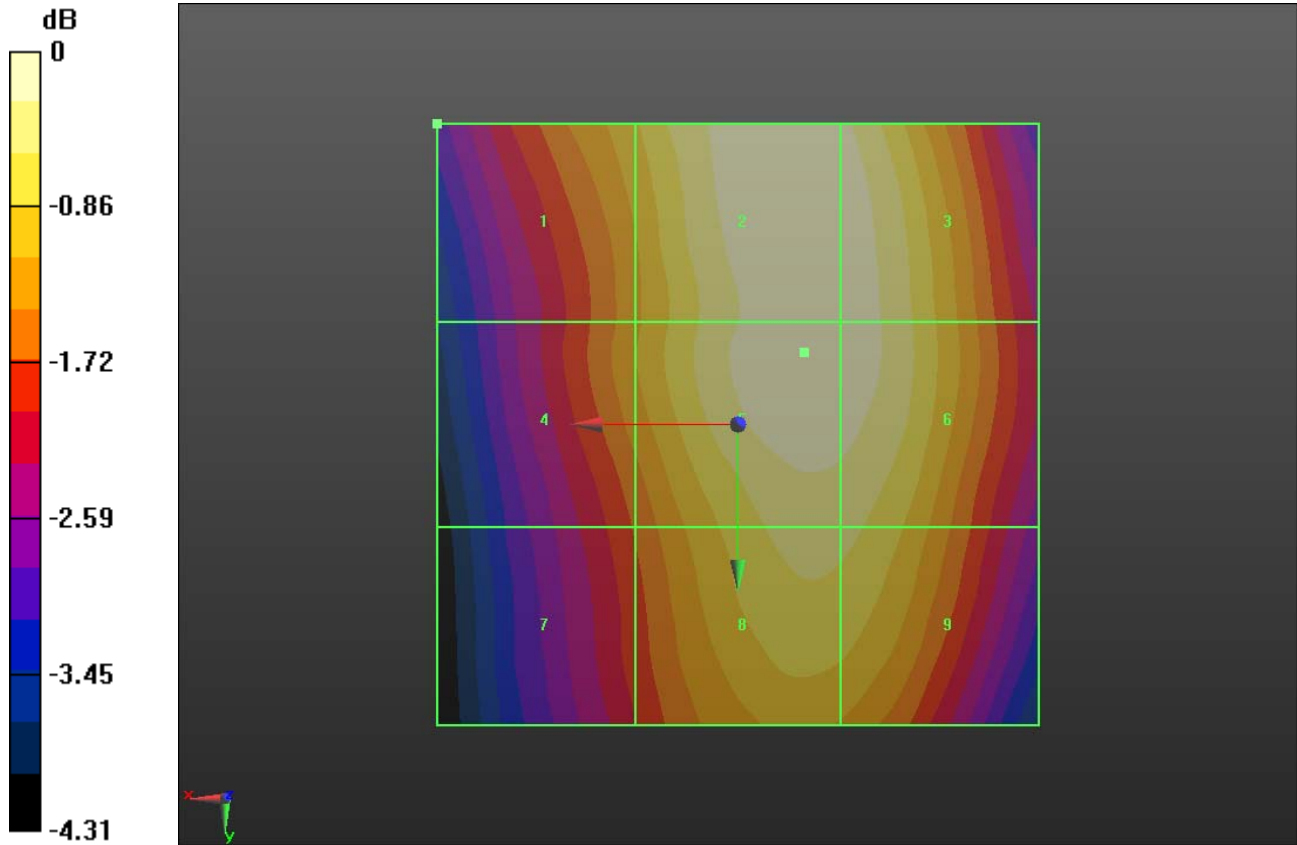
Applied MIF = -19.71 dB

RF audio interference level = 14.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.48 dBV/m	Grid 2 M4 14.36 dBV/m	Grid 3 M4 14.31 dBV/m
Grid 4 M4 13.21 dBV/m	Grid 5 M4 14.36 dBV/m	Grid 6 M4 14.31 dBV/m
Grid 7 M4 12.69 dBV/m	Grid 8 M4 13.92 dBV/m	Grid 9 M4 13.89 dBV/m



0 dB = 5.227 V/m = 14.37 dBV/m

Plot 15

Date/Time: 2/4/2013 6:08:15 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: Handset; Serial: 12359J0038

Communication System: CDMA2000 (1xRTT, RC3); Frequency: 848.31 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 21.7 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), $z = 8.7$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASYS2 52.8.5(1059);

CDMA BC0_Device E-Field measurement/CDMA 848

MHz/Hearing Aid Compatibility Test (101x101x1): Interpolated grid:

 $dx=0.5000$ mm, $dy=0.5000$ mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 67.43 V/m; Power Drift = -0.02 dB

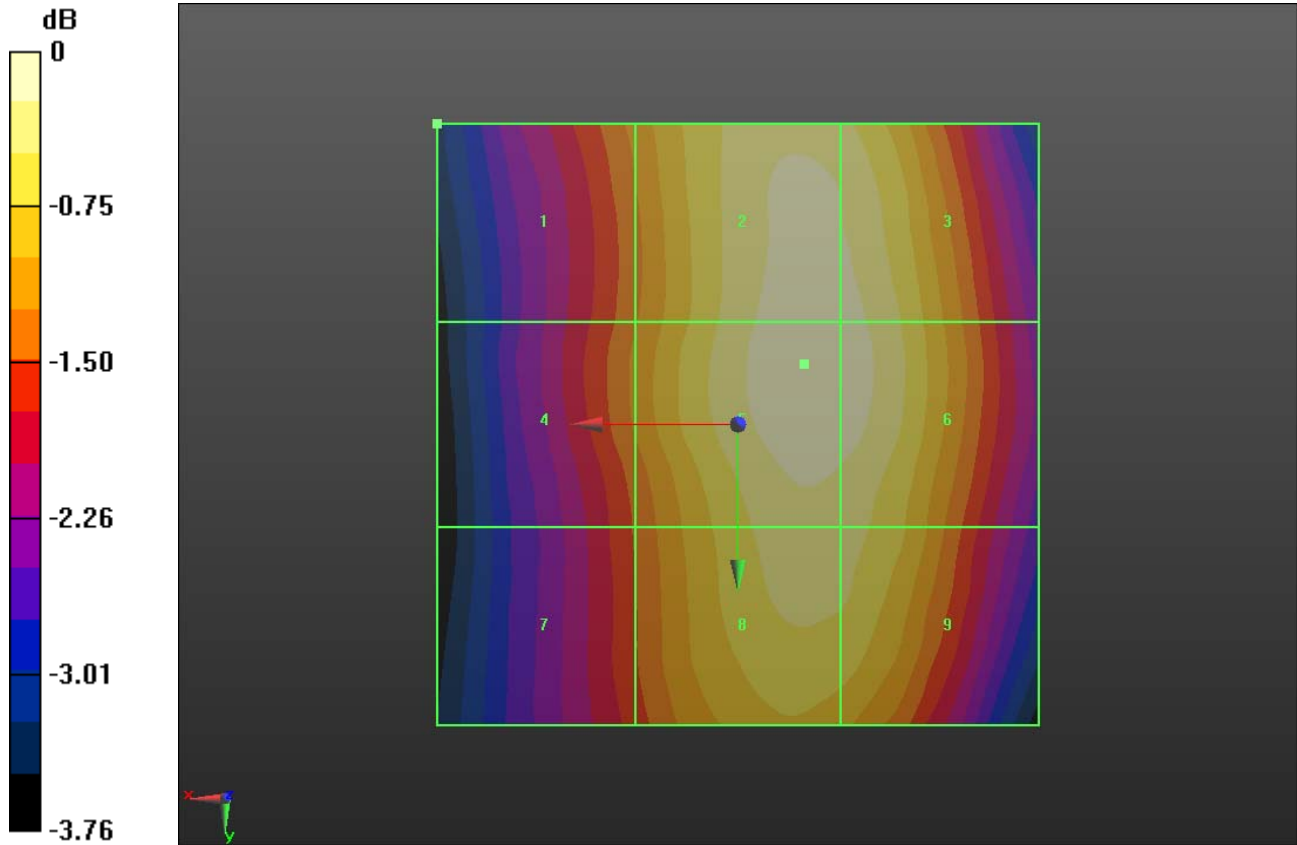
Applied MIF = -19.71 dB

RF audio interference level = 15.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.21 dBV/m	Grid 2 M4 15.28 dBV/m	Grid 3 M4 15.24 dBV/m
Grid 4 M4 14.18 dBV/m	Grid 5 M4 15.36 dBV/m	Grid 6 M4 15.29 dBV/m
Grid 7 M4 13.89 dBV/m	Grid 8 M4 15.02 dBV/m	Grid 9 M4 14.99 dBV/m



0 dB = 5.859 V/m = 15.36 dBV/m

Plot 16

Date/Time: 2/4/2013 6:16:56 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: Handset; Serial: 12359J0038

Communication System: CDMA2000 (1xRTT, RC3); Frequency: 1851.25 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 21.8 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), z = 8.7
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASY52 52.8.5(1059);

CDMA BC1_Device E-Field measurement/CDMA 1851

MHz/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.49 V/m; Power Drift = 0.04 dB

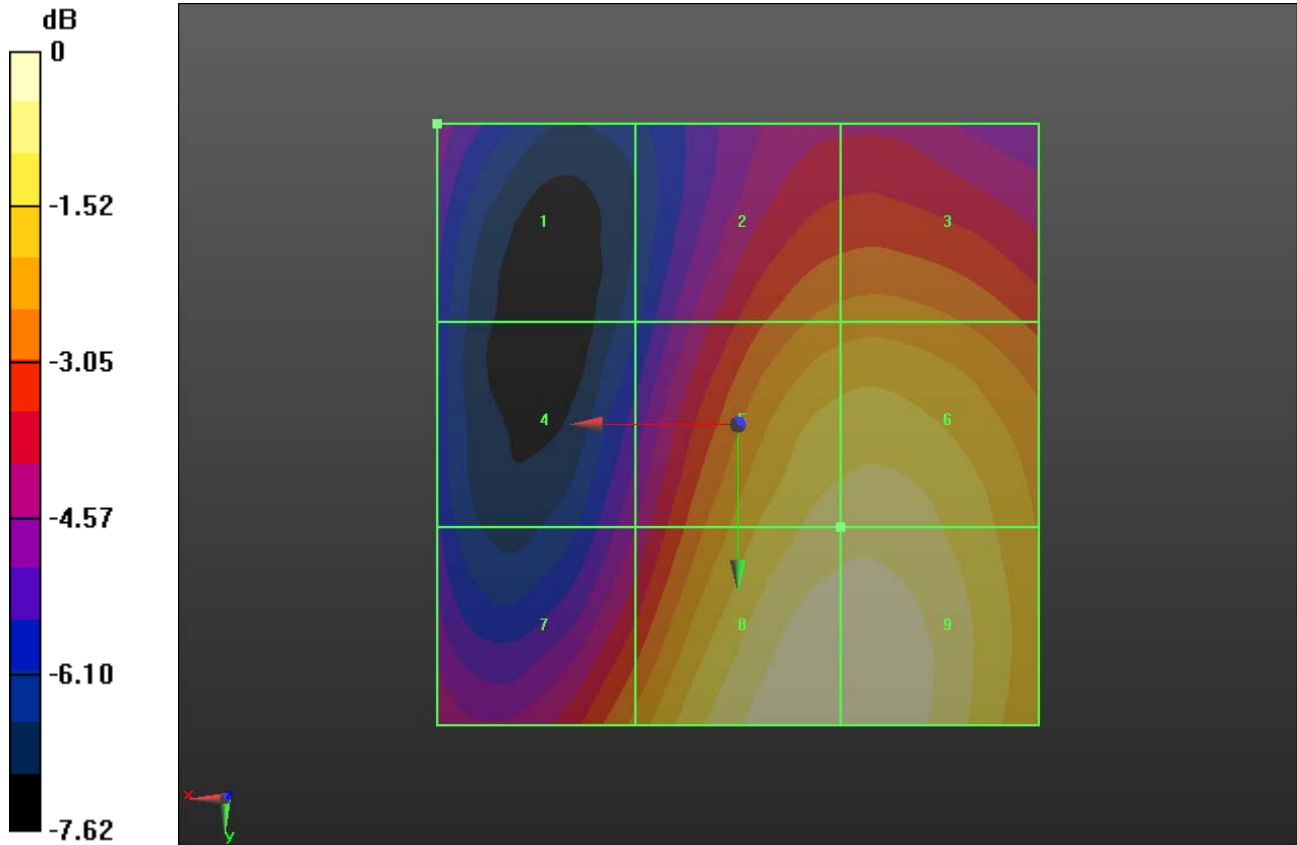
Applied MIF = -19.71 dB

RF audio interference level = 7.43 dB V/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 2.81 dB V/m	Grid 2 M4 5.13 dB V/m	Grid 3 M4 5.22 dB V/m
Grid 4 M4 2.9 dB V/m	Grid 5 M4 6.7 dB V/m	Grid 6 M4 6.76 dB V/m
Grid 7 M4 5.08 dB V/m	Grid 8 M4 7.43 dB V/m	Grid 9 M4 7.42 dB V/m



0 dB = 2.351 V/m = 7.43 dB V/m

Plot 17

Date/Time: 2/4/2013 6:23:27 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: Handset; Serial: 12359J0038

Communication System: CDMA2000 (1xRTT, RC3); Frequency: 1880 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 21.8 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), $z = 8.7$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASY52 52.8.5(1059);

CDMA BC1_Device E-Field measurement/CDMA 1880

MHz/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.47 V/m; Power Drift = -0.04 dB

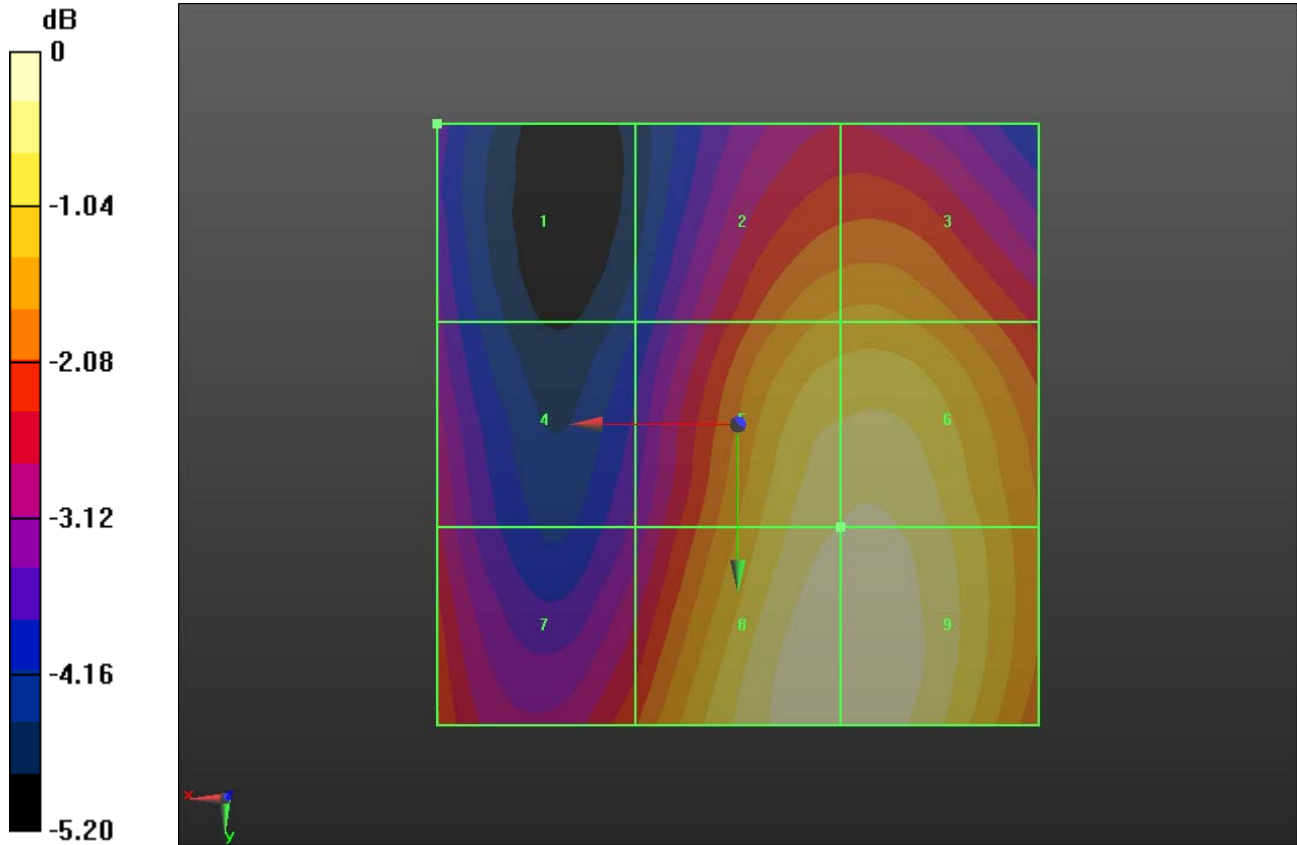
Applied MIF = -19.71 dB

RF audio interference level = 7.16 dB V/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 3.86 dB V/m	Grid 2 M4 5.87 dB V/m	Grid 3 M4 5.92 dB V/m
Grid 4 M4 4.52 dB V/m	Grid 5 M4 6.82 dB V/m	Grid 6 M4 6.86 dB V/m
Grid 7 M4 5.16 dB V/m	Grid 8 M4 7.15 dB V/m	Grid 9 M4 7.16 dB V/m



0 dB = 2.279 V/m = 7.15 dB V/m

Plot 18

Date/Time: 2/4/2013 6:40:46 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Honeywell D70E - SL9090; Type: Handset; Serial: 12359J0038

Communication System: CDMA2000 (1xRTT, RC3); Frequency: 1908.75 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 21.8 C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), $z = 8.7$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASYS2 52.8.5(1059);

CDMA BC1_Device E-Field measurement/CDMA 1908

MHz/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.47 V/m; Power Drift = -0.19 dB

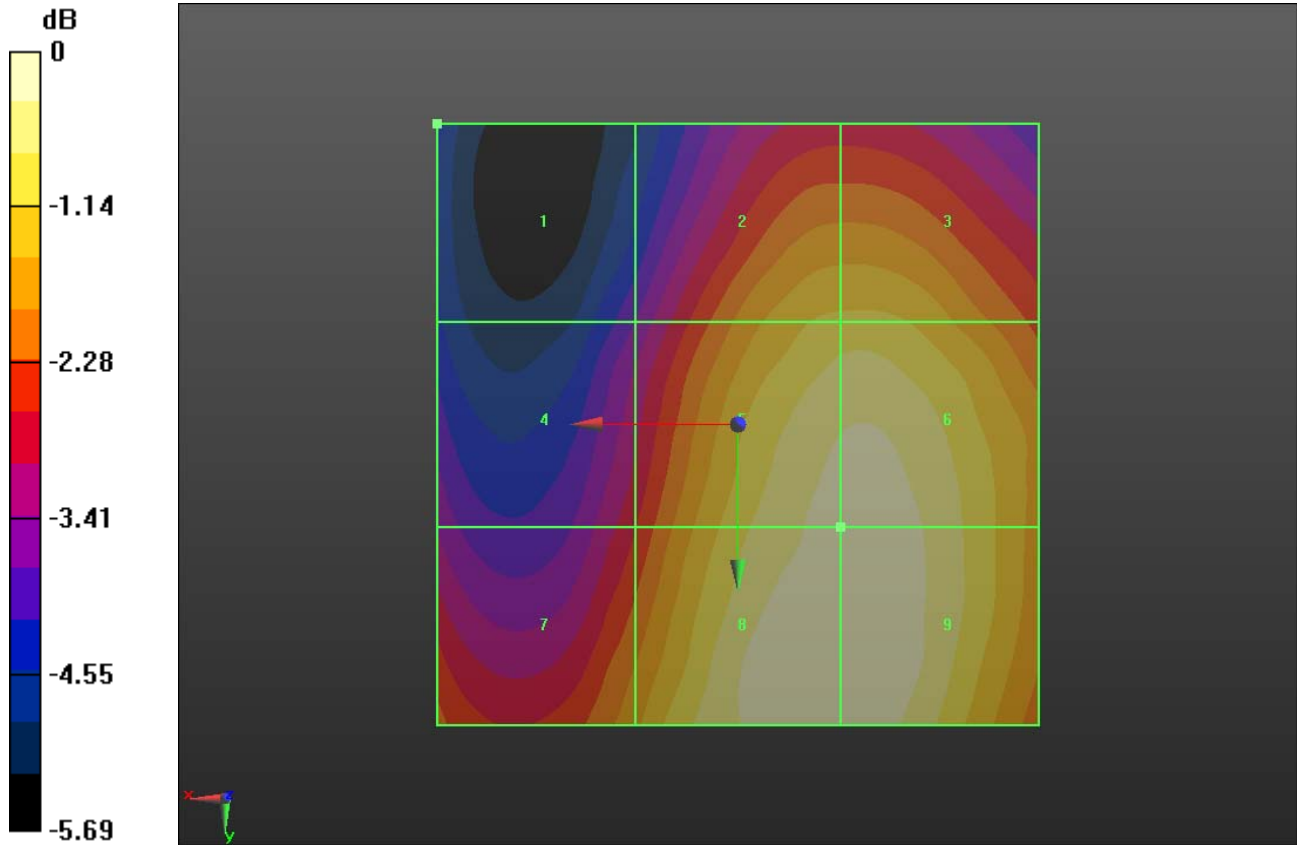
Applied MIF = -19.71 dB

RF audio interference level = 6.85 dB V/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 3.09 dB V/m	Grid 2 M4 5.81 dB V/m	Grid 3 M4 5.83 dB V/m
Grid 4 M4 4.19 dB V/m	Grid 5 M4 6.73 dB V/m	Grid 6 M4 6.78 dB V/m
Grid 7 M4 5.25 dB V/m	Grid 8 M4 6.85 dB V/m	Grid 9 M4 6.85 dB V/m



0 dB = 2.200 V/m = 6.85 dB V/m

Plot 19

Date/Time: 2/4/2013 2:54:22 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: HAC-Dipole 835 MHz; Type: D835V3; Serial: 1160

Communication System: CW; Frequency: 835 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 20.1C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), $z = 9.7$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASYS2 52.8.5(1059);

Dipole E-Field measurement/E Scan - measurement distance from the probe sensor center to CD835 Dipole = 15mm/Hearing Aid

Compatibility Test (41x361x1): Interpolated grid: $dx=0.5000$ mm, $dy=0.5000$ mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 127.4 V/m; Power Drift = -0.05 dB

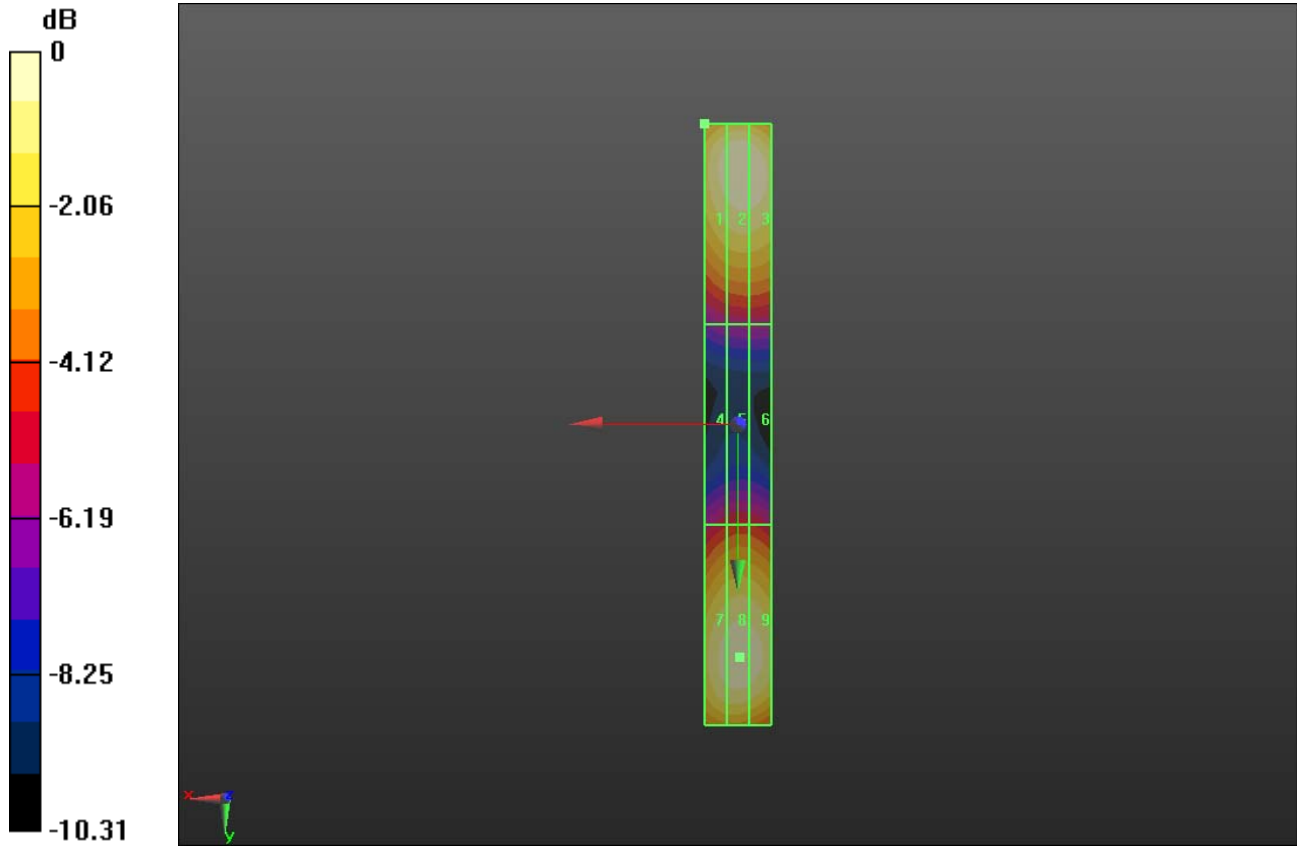
Applied MIF = 0.00 dB

RF audio interference level = 40.90 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 40.6 dBV/m	Grid 2 M3 40.9 dBV/m	Grid 3 M3 40.81 dBV/m
Grid 4 M4 36.01 dBV/m	Grid 5 M4 36.28 dBV/m	Grid 6 M4 36.2 dBV/m
Grid 7 M3 40.55 dBV/m	Grid 8 M3 40.78 dBV/m	Grid 9 M3 40.67 dBV/m



0 dB = 110.9 V/m = 40.90 dBV/m

Plot 20

Date/Time: 2/4/2013 3:12:38 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: 1144

Communication System: CW; Frequency: 835 MHz

Medium: Air

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Test Technician: Josie; Air Temperature: 20.1C; Comments: ;

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 11/9/2012;
- Sensor-Surface: (Fix Surface), $z = 9.7$
- Electronics: DAE4 Sn1233; Calibrated: 11/6/2012
- Phantom: HAC Test Arch; Type: SD HAC P01 BB; Serial: 1142
- DASYS2 52.8.5(1059);

Dipole E-Field measurement/E Scan - measurement distance from the probe sensor center to CD835 Dipole = 15mm/Hearing Aid

Compatibility Test (41x361x1): Interpolated grid: $dx=0.5000$ mm, $dy=0.5000$ mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 135.8 V/m; Power Drift = 0.06 dB

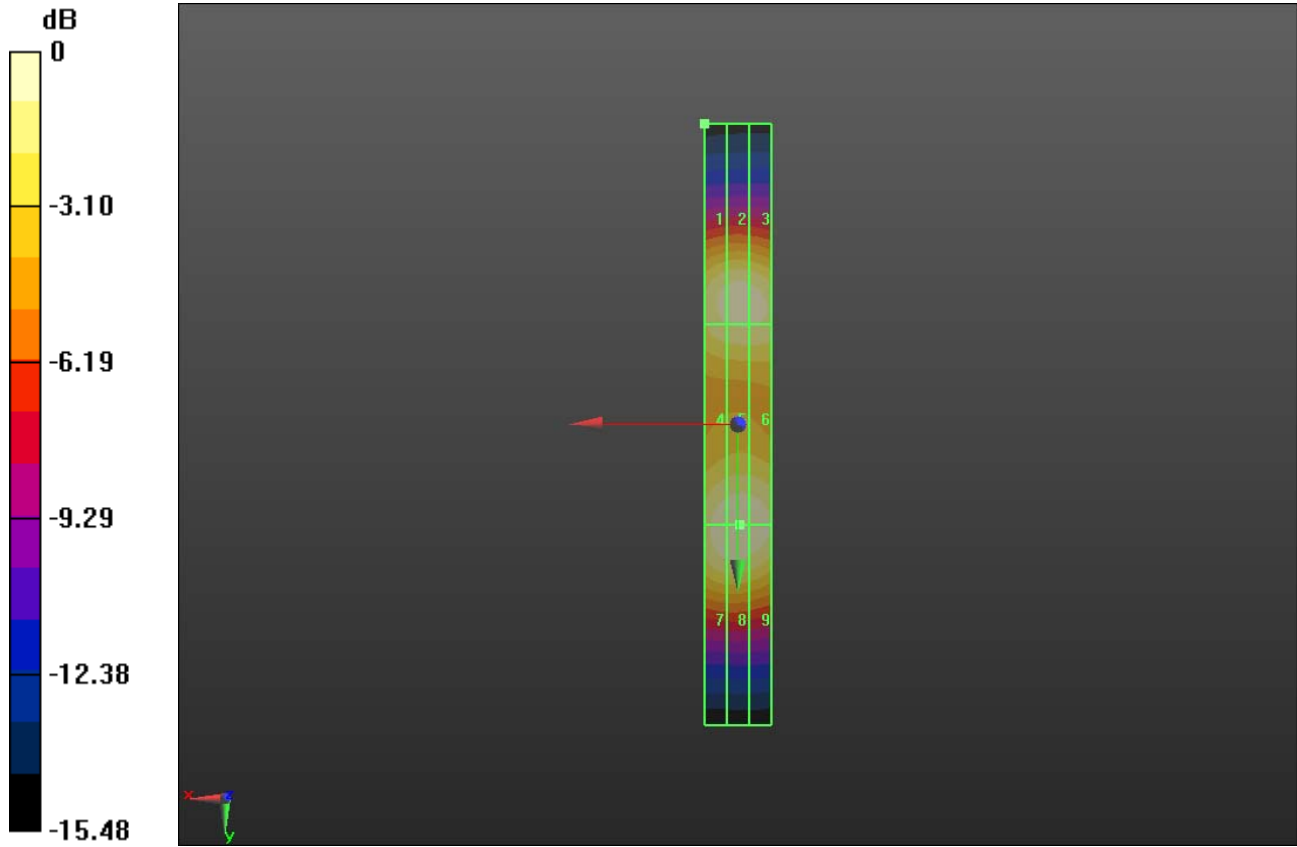
Applied MIF = 0.00 dB

RF audio interference level = 38.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 38.39 dBV/m	Grid 2 M4 38.66 dBV/m	Grid 3 M4 38.56 dBV/m
Grid 4 M4 38.76 dBV/m	Grid 5 M4 38.99 dBV/m	Grid 6 M4 38.87 dBV/m
Grid 7 M4 38.78 dBV/m	Grid 8 M4 38.99 dBV/m	Grid 9 M4 38.88 dBV/m



0 dB = 89.06 V/m = 38.99 dBV/m