01 HAC RF_CDMA2000 BC0_RC1_SO3_Voice_Eighth Rate_Ch1013_E

DUT: 352301A

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 824.7 MHz;Duty Cycle: 1:19.8153

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.4 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch1013/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 = 27.90 V/m; Power Drift = 0.08 dB
Applied MIF = 0.74 dB
RF audio interference level = 27.38 dBV/m
Emission category: M4
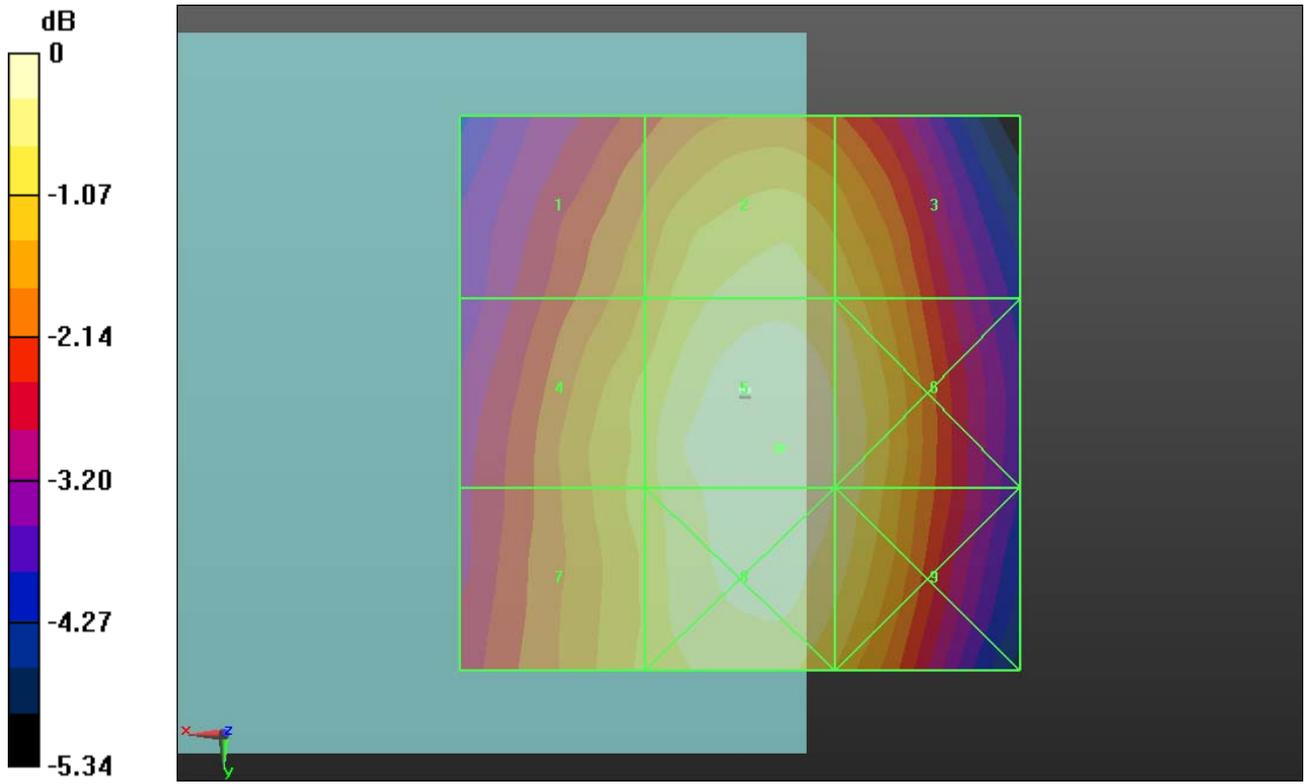
MIF scaled E-field

Grid 1 **M4** **25.98 dBV/m**	Grid 2 **M4** **26.9 dBV/m**	Grid 3 **M4** **26.64 dBV/m**
Grid 4 **M4** **26.51 dBV/m**	Grid 5 **M4** **27.38 dBV/m**	Grid 6 **M4** **27.08 dBV/m**
Grid 7 **M4** **26.51 dBV/m**	Grid 8 **M4** **27.35 dBV/m**	Grid 9 **M4** **27.02 dBV/m**

Cursor:
Total = 27.38 dBV/m
E Category: M4
Location: -3.5, 5, 8.7 mm

0 dB = 23.38 V/m = 27.38 dBV/m

02 HAC RF_CDMA2000 BC0_RC1_SO3_Voice_Eighth Rate_Ch384_E

DUT: 352301A

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 836.52 MHz;Duty Cycle: 1:19.8153

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.4 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch384/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 = 29.73 V/m; Power Drift = 0.03 dB

Applied MIF = 0.74 dB

RF audio interference level = 27.98 dBV/m
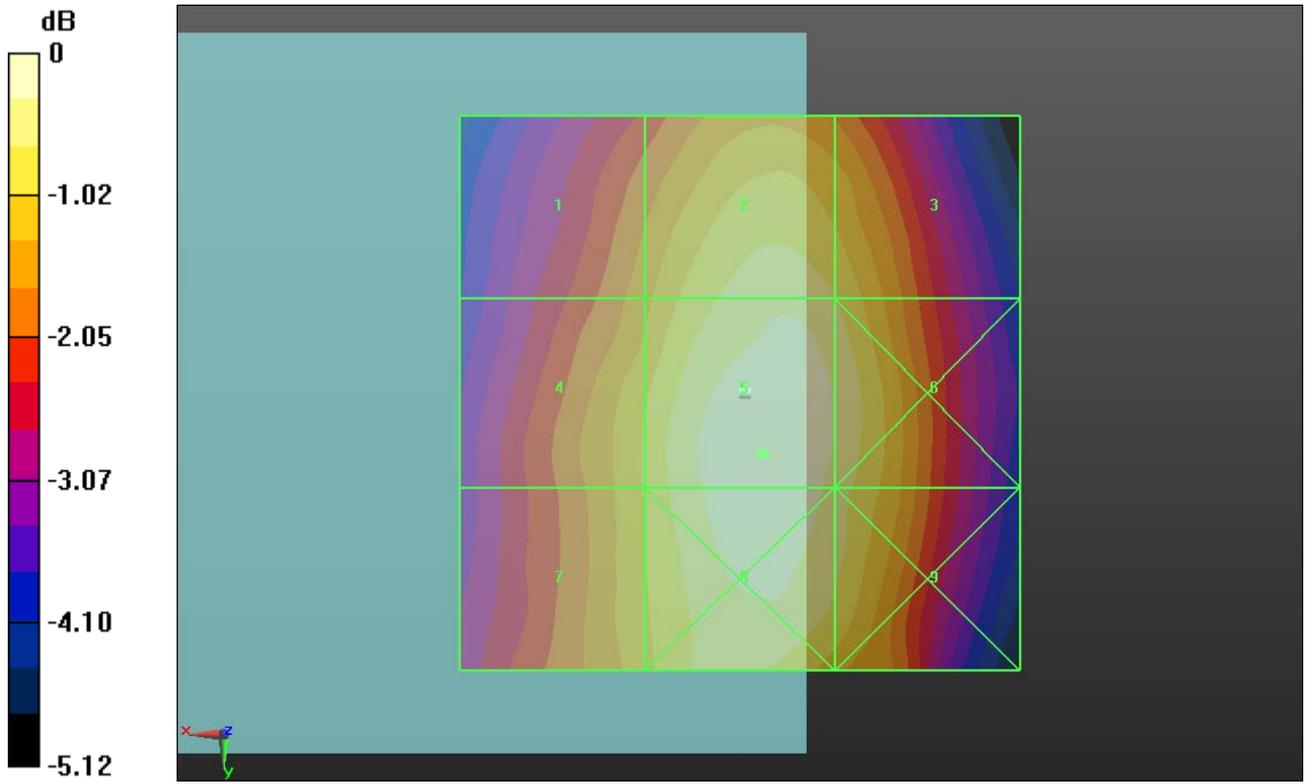
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.53 dBV/m**	Grid 2 **M4** **27.56 dBV/m**	Grid 3 **M4** **27.3 dBV/m**
Grid 4 **M4** **27.01 dBV/m**	Grid 5 **M4** **27.98 dBV/m**	Grid 6 **M4** **27.64 dBV/m**
Grid 7 **M4** **26.99 dBV/m**	Grid 8 **M4** **27.94 dBV/m**	Grid 9 **M4** **27.52 dBV/m**

Cursor:
Total = 27.98 dBV/m
E Category: M4
Location: -2, 5.5, 8.7 mm

0 dB = 25.07 V/m = 27.98 dBV/m

03 HAC RF_CDMA2000 BC0_RC1_SO3_Voice_Eighth Rate_Ch777_E

DUT: 352301A

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 848.31 MHz;Duty Cycle: 1:19.8153

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.4 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch777/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 = 30.47 V/m; Power Drift = 0.17 dB

Applied MIF = 0.74 dB

RF audio interference level = 28.44 dBV/m
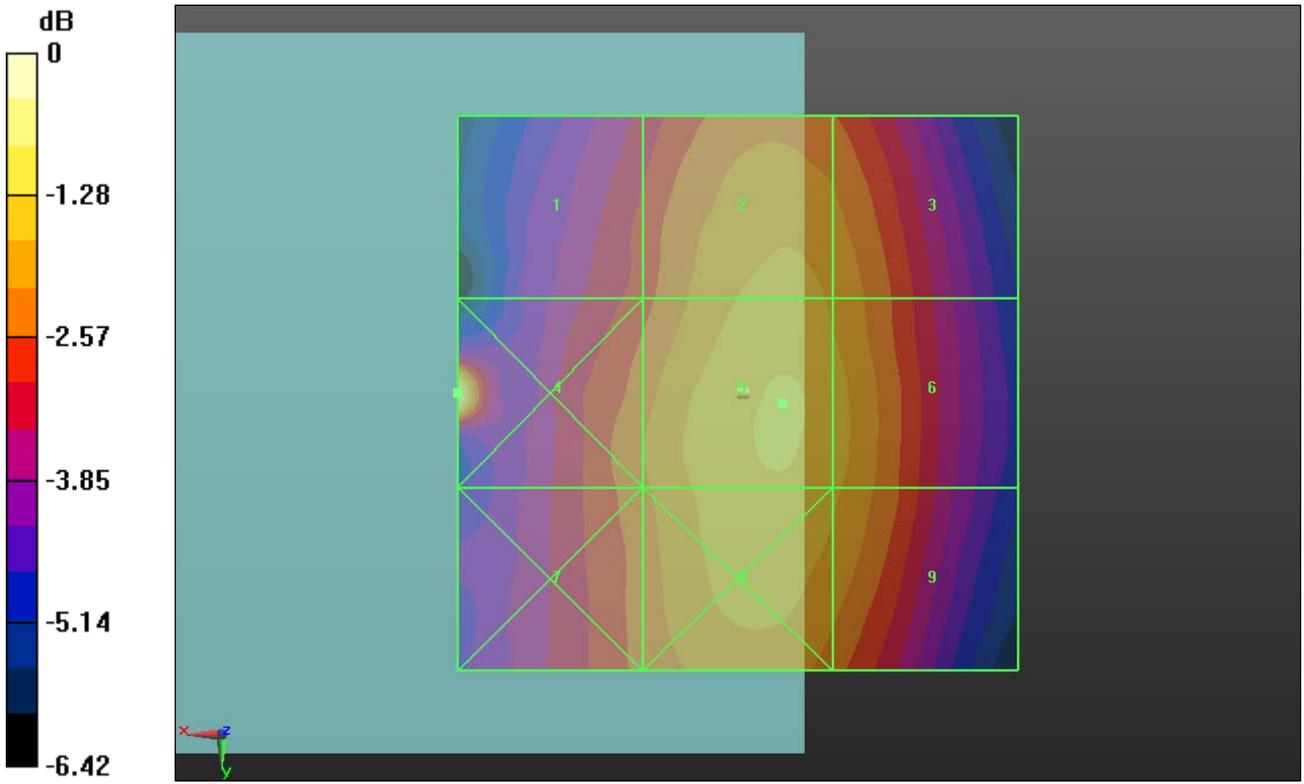
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.92 dBV/m**	Grid 2 **M4** **28.1 dBV/m**	Grid 3 **M4** **27.89 dBV/m**
Grid 4 **M4** **29.65 dBV/m**	Grid 5 **M4** **28.44 dBV/m**	Grid 6 **M4** **28.15 dBV/m**
Grid 7 **M4** **27.42 dBV/m**	Grid 8 **M4** **28.32 dBV/m**	Grid 9 **M4** **28.03 dBV/m**

Cursor:
Total = 29.65 dBV/m
E Category: M4
Location: 25, 0, 8.7 mm

0 dB = 30.36 V/m = 29.65 dBV/m

04 HAC RF_CDMA2000 BC1_RC1_SO3_Voice_Eighth Rate_Ch25_E

DUT: 352301A

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 1851.25 MHz;Duty Cycle: 1:19.8153

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.4 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch25/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 = 12.13 V/m; Power Drift = -0.02 dB

Applied MIF = 0.74 dB

RF audio interference level = 22.51 dBV/m
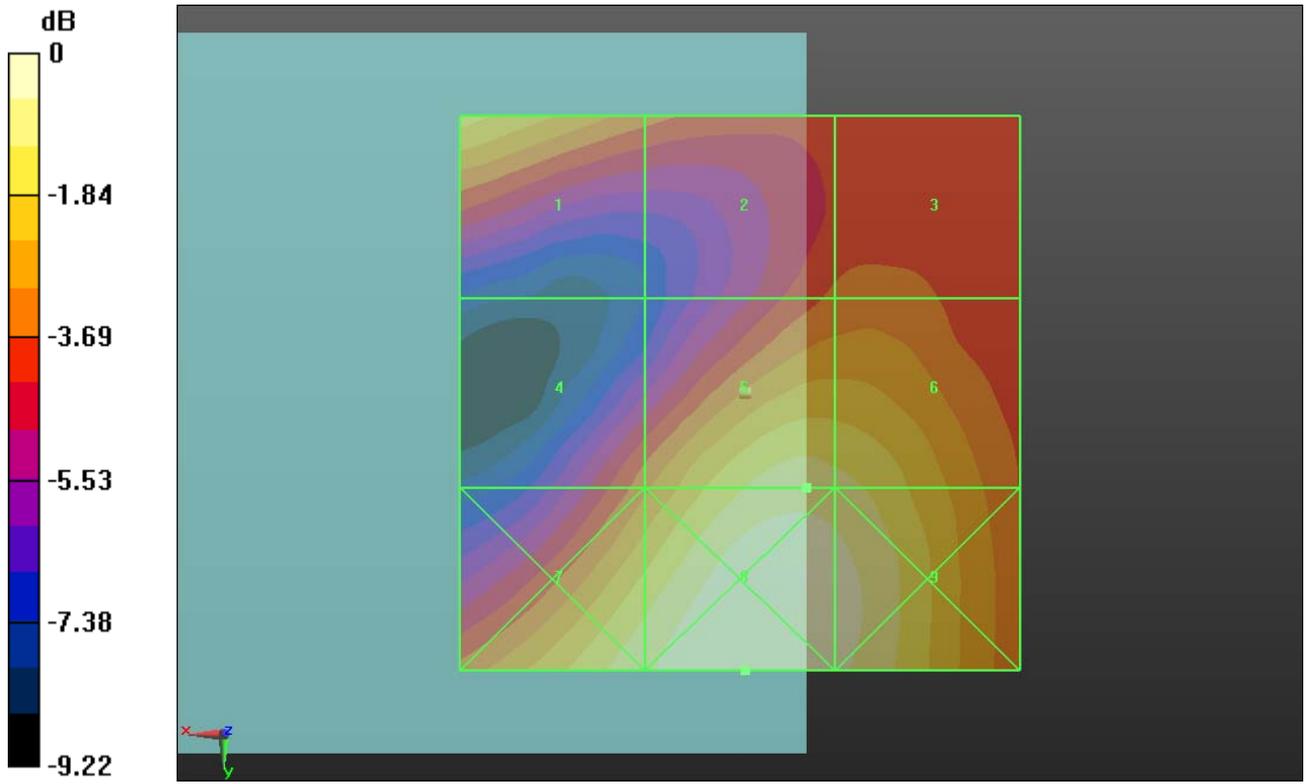
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.83 dBV/m**	Grid 2 **M4** **20.03 dBV/m**	Grid 3 **M4** **20.05 dBV/m**
Grid 4 **M4** **20.15 dBV/m**	Grid 5 **M4** **22.51 dBV/m**	Grid 6 **M4** **22.4 dBV/m**
Grid 7 **M4** **22.67 dBV/m**	Grid 8 **M4** **23.39 dBV/m**	Grid 9 **M4** **23.07 dBV/m**

Cursor:
Total = 23.39 dBV/m
E Category: M4
Location: -0.5, 25, 8.7 mm

0 dB = 14.77 V/m = 23.39 dBV/m

05 HAC RF_CDMA2000 BC1_RC1_SO3_Voice_Eighth Rate_Ch600_E

DUT: 352301A

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 1880 MHz;Duty Cycle: 1:19.8153

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.4 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch600/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 = 11.82 V/m; Power Drift = 0.14 dB

Applied MIF = 0.74 dB

RF audio interference level = 22.76 dBV/m

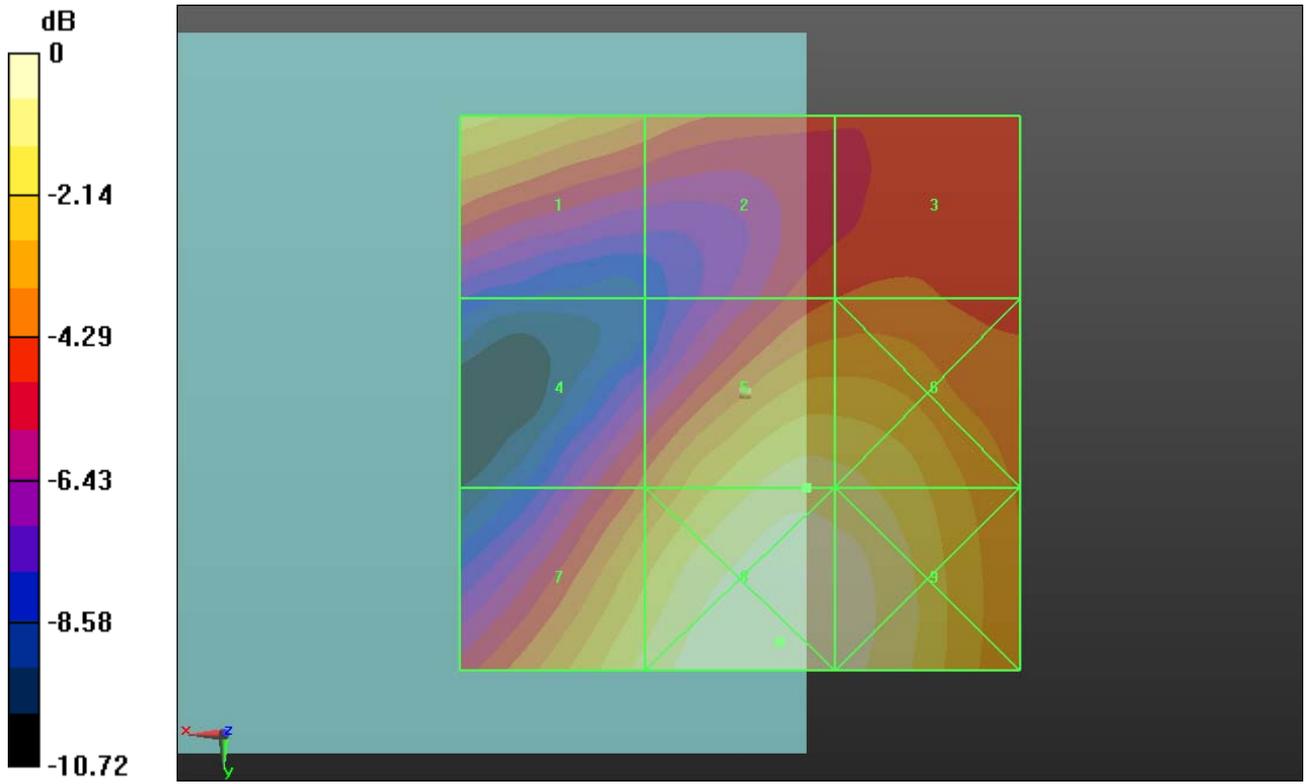**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **21.97 dBV/m**	Grid 2 **M4** **20.29 dBV/m**	Grid 3 **M4** **19.73 dBV/m**
Grid 4 **M4** **19.81 dBV/m**	Grid 5 **M4** **22.76 dBV/m**	Grid 6 **M4** **22.64 dBV/m**
Grid 7 **M4** **22.62 dBV/m**	Grid 8 **M4** **23.77 dBV/m**	Grid 9 **M4** **23.5 dBV/m**

Cursor:
Total = 23.77 dBV/m
E Category: M4
Location: -3.5, 22.5, 8.7 mm

0 dB = 15.44 V/m = 23.77 dBV/m

06 HAC RF_CDMA2000 BC1_RC1_SO3_Voice_Eighth Rate_Ch1175_E

DUT: 352301A

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 1908.75 MHz;Duty Cycle: 1:19.8153

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.4 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch1175/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 = 11.28 V/m; Power Drift = 0.10 dB
Applied MIF = 0.74 dB
RF audio interference level = 22.54 dBV/m
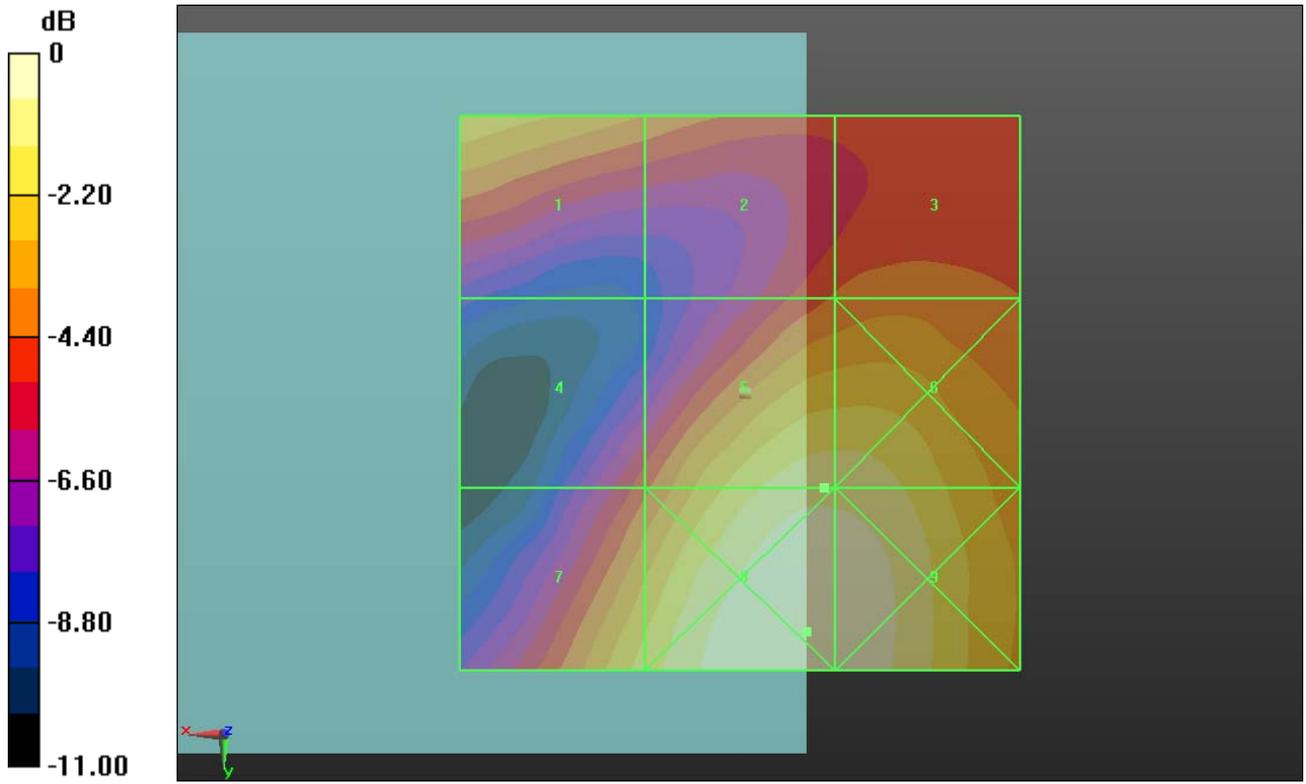**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **21.16 dBV/m**	Grid 2 **M4** **19.82 dBV/m**	Grid 3 **M4** **19.57 dBV/m**
Grid 4 **M4** **18.88 dBV/m**	Grid 5 **M4** **22.54 dBV/m**	Grid 6 **M4** **22.53 dBV/m**
Grid 7 **M4** **21.66 dBV/m**	Grid 8 **M4** **23.49 dBV/m**	Grid 9 **M4** **23.42 dBV/m**

Cursor:
Total = 23.49 dBV/m
E Category: M4
Location: -6, 21.5, 8.7 mm

0 dB = 14.94 V/m = 23.49 dBV/m

07 HAC RF_CDMA2000 BC10_RC1_SO3_Voice_Eighth Rate_Ch476_E

DUT: 352301A

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 817.9 MHz;Duty Cycle: 1:19.8153

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.4 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch476/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 = 29.63 V/m; Power Drift = -0.04 dB
Applied MIF = 0.74 dB
RF audio interference level = 27.92 dBV/m
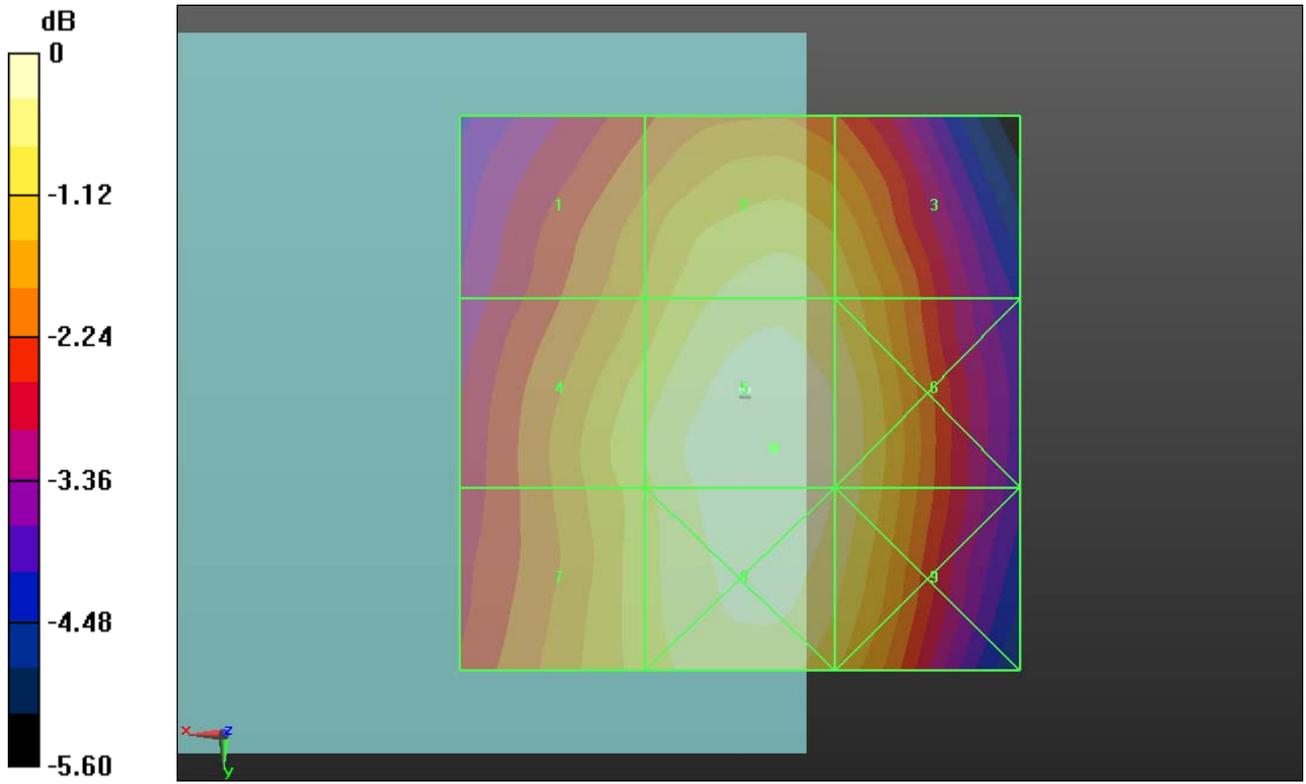**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **26.51 dBV/m**	Grid 2 **M4** **27.44 dBV/m**	Grid 3 **M4** **27.14 dBV/m**
Grid 4 **M4** **27.19 dBV/m**	Grid 5 **M4** **27.92 dBV/m**	Grid 6 **M4** **27.58 dBV/m**
Grid 7 **M4** **27.07 dBV/m**	Grid 8 **M4** **27.87 dBV/m**	Grid 9 **M4** **27.54 dBV/m**

Cursor:
Total = 27.92 dBV/m
E Category: M4
Location: -3, 5, 8.7 mm

0 dB = 24.89 V/m = 27.92 dBV/m

08 HAC RF_CDMA2000 BC10_RC1_SO3_Voice_Eighth Rate_Ch580_E

DUT: 352301A

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 820.5 MHz;Duty Cycle: 1:19.8153

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.4 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch580/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 = 28.56 V/m; Power Drift = 0.06 dB
Applied MIF = 0.74 dB
RF audio interference level = 27.63 dBV/m
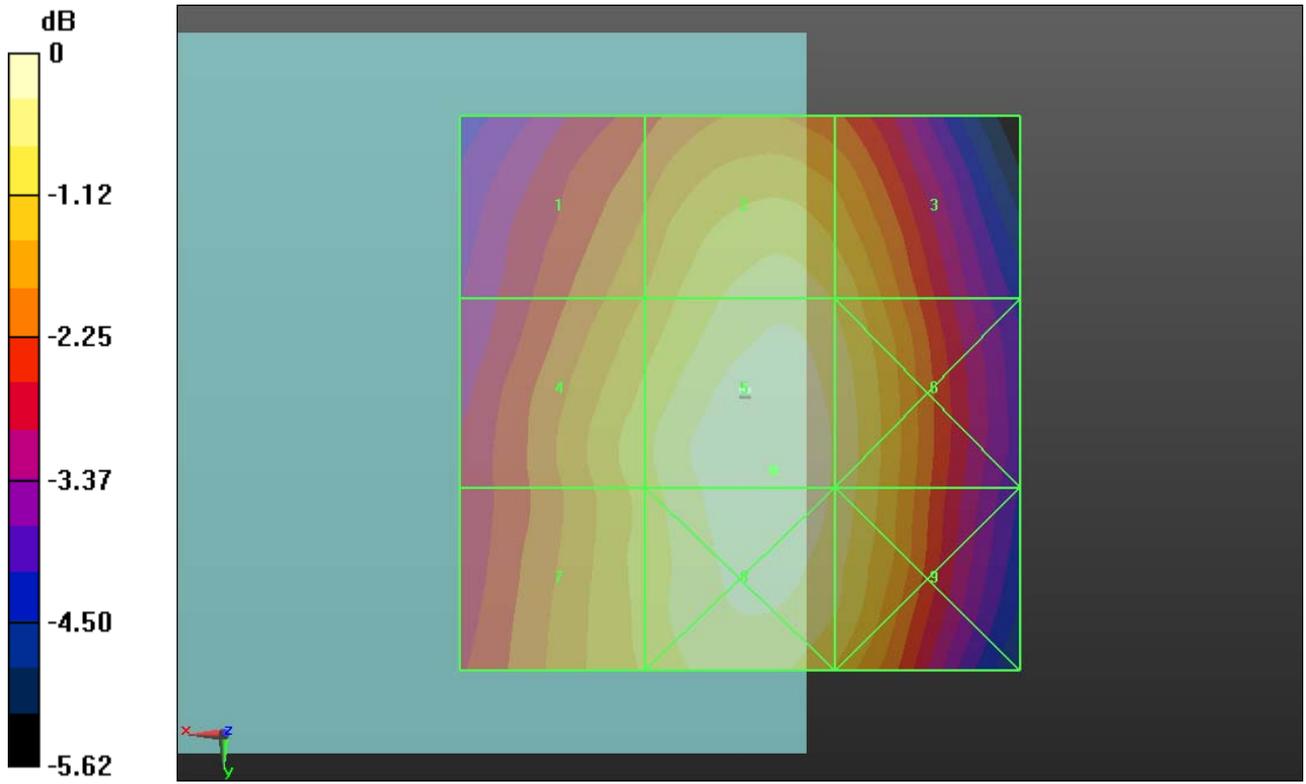**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **26.17 dBV/m**	Grid 2 **M4** **27.12 dBV/m**	Grid 3 **M4** **26.84 dBV/m**
Grid 4 **M4** **26.79 dBV/m**	Grid 5 **M4** **27.63 dBV/m**	Grid 6 **M4** **27.21 dBV/m**
Grid 7 **M4** **26.69 dBV/m**	Grid 8 **M4** **27.62 dBV/m**	Grid 9 **M4** **27.18 dBV/m**

Cursor:
Total = 27.63 dBV/m
E Category: M4
Location: -3, 7, 8.7 mm

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

09 HAC RF_CDMA2000 BC10_RC1_SO3_Voice_Eighth Rate_Ch684_E

DUT: 352301A

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 823.1 MHz;Duty Cycle: 1:19.8153

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.4 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch684/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 = 28.31 V/m; Power Drift = 0.06 dB
Applied MIF = 0.74 dB
RF audio interference level = 27.59 dBV/m
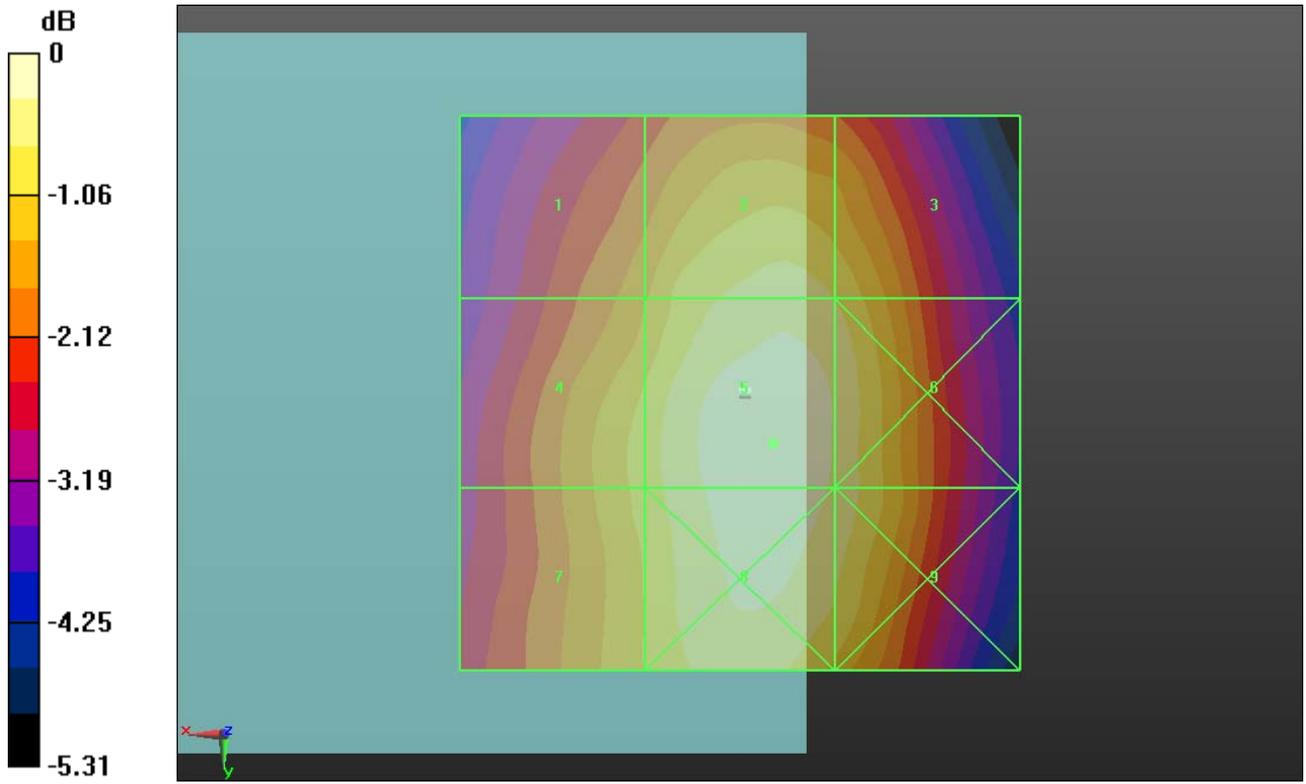**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **26.15 dBV/m**	Grid 2 **M4** **27.1 dBV/m**	Grid 3 **M4** **26.88 dBV/m**
Grid 4 **M4** **26.72 dBV/m**	Grid 5 **M4** **27.59 dBV/m**	Grid 6 **M4** **27.22 dBV/m**
Grid 7 **M4** **26.69 dBV/m**	Grid 8 **M4** **27.5 dBV/m**	Grid 9 **M4** **27.18 dBV/m**

Cursor:
Total = 27.59 dBV/m
E Category: M4
Location: -3, 4.5, 8.7 mm

0 dB = 23.97 V/m = 27.59 dBV/m