#01 HAC_E_CDMA2000 BC0_RC1_SO3_1-8 Rate_Ch1013

DUT: 2O1720

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

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3

Ambient Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2013/1/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1013/E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 35.88 V/m; Power Drift = -0.06 dB
Applied MIF = 0.74 dB
RF audio interference level = 29.49 dB V/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.72 dB V/m**	Grid 2 **M4** **29.4 dB V/m**	Grid 3 **M4** **29.01 dB V/m**
Grid 4 **M4** **28.82 dB V/m**	Grid 5 **M4** **29.49 dB V/m**	Grid 6 **M4** **29.16 dB V/m**
Grid 7 **M4** **28.59 dB V/m**	Grid 8 **M4** **29.27 dB V/m**	Grid 9 **M4** **28.92 dB V/m**

Cursor:
Total = 29.49 dB V/m
E Category: M4
Location: -1.5, -0.5, 8.7 mm

0 dB = 29.81 V/m = 29.49 dB V/m

#02 HAC_E_CDMA2000 BC0_RC1_SO3_1-8 Rate_Ch384

DUT: 2O1720

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

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3

Ambient Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2013/1/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch384/E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 37.22 V/m; Power Drift = 0.16 dB
Applied MIF = 0.74 dB
RF audio interference level = 29.82 dB V/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.18 dB V/m**	Grid 2 **M4** **29.7 dB V/m**	Grid 3 **M4** **29.28 dB V/m**
Grid 4 **M4** **29.33 dB V/m**	Grid 5 **M4** **29.82 dB V/m**	Grid 6 **M4** **29.41 dB V/m**
Grid 7 **M4** **29.04 dB V/m**	Grid 8 **M4** **29.68 dB V/m**	Grid 9 **M4** **29.18 dB V/m**

Cursor:
Total = 29.82 dB V/m
E Category: M4
Location: -1, 3, 8.7 mm

0 dB = 30.97 V/m = 29.82 dB V/m

#03 HAC_E_CDMA2000 BC0_RC1_SO3_1-8 Rate_Ch777

DUT: 2O1720

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

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3

Ambient Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2013/1/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch777/E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.16 V/m; Power Drift = -0.03 dB

Applied MIF = 0.74 dB

RF audio interference level = 30.17 dB V/m
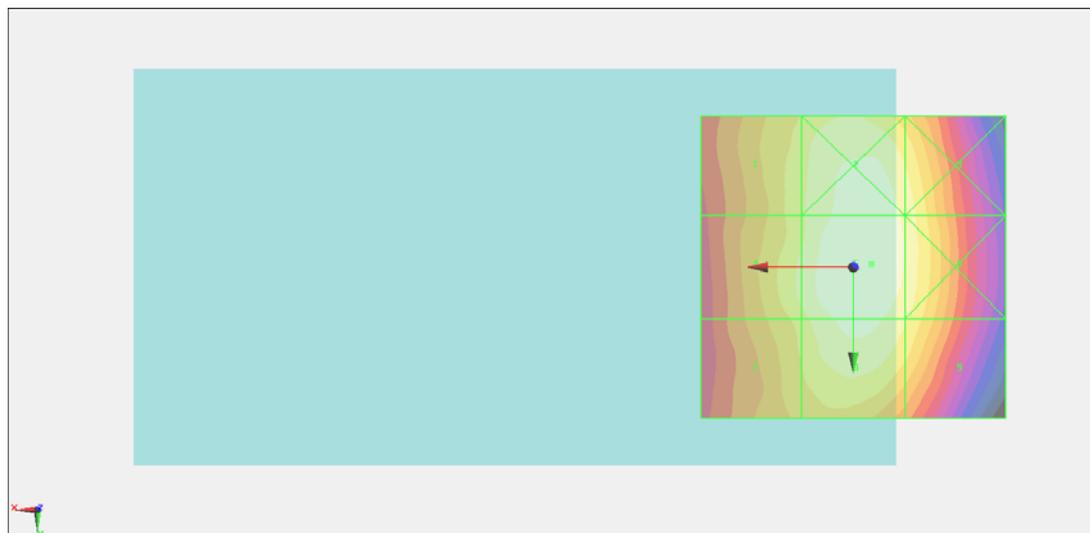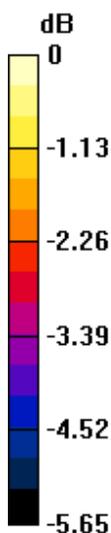
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.37 dB V/m**	Grid 2 **M4** **30.05 dB V/m**	Grid 3 **M4** **29.7 dB V/m**
Grid 4 **M4** **29.53 dB V/m**	Grid 5 **M4** **30.17 dB V/m**	Grid 6 **M4** **29.77 dB V/m**
Grid 7 **M4** **29.26 dB V/m**	Grid 8 **M4** **29.93 dB V/m**	Grid 9 **M4** **29.49 dB V/m**

Cursor:
Total = 30.17 dB V/m
E Category: M4
Location: -3, -0.5, 8.7 mm

0 dB = 32.25 V/m = 30.17 dB V/m

#04 HAC_E_CDMA2000 BC1_RC1_SO3_1-8 Rate_Ch25

DUT: 2O1720

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

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3

Ambient Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2013/1/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch25/E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 8.940 V/m; Power Drift = -0.08 dB
Applied MIF = 0.74 dB
RF audio interference level = 19.43 dB V/m
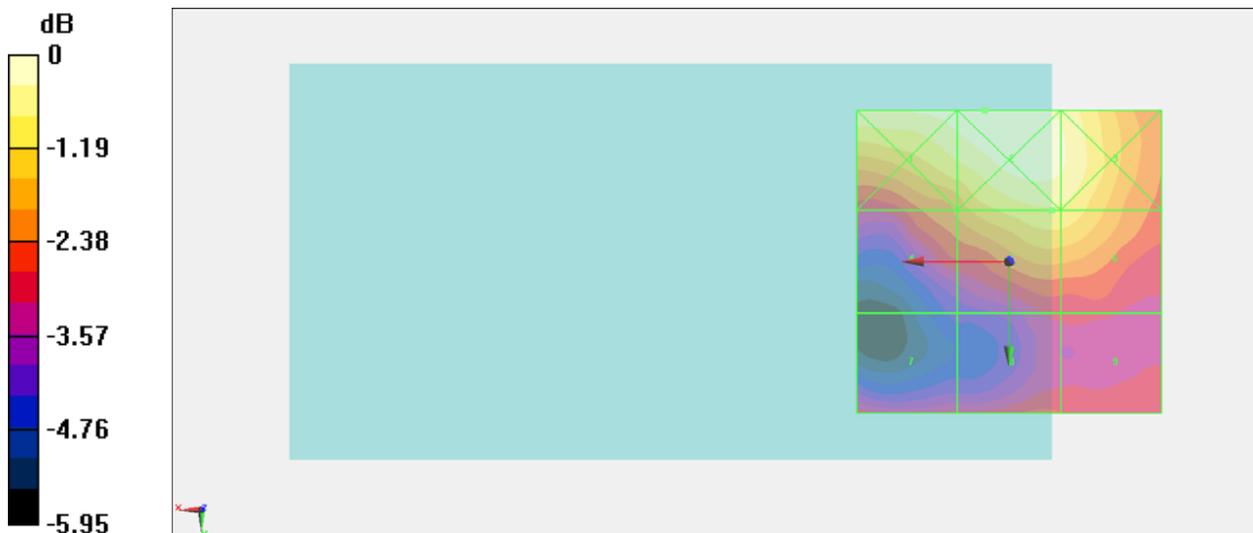**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **20.09 dB V/m**	Grid 2 **M4** **20.28 dB V/m**	Grid 3 **M4** **19.96 dB V/m**
Grid 4 **M4** **18.38 dB V/m**	Grid 5 **M4** **19.43 dB V/m**	Grid 6 **M4** **19.41 dB V/m**
Grid 7 **M4** **17.36 dB V/m**	Grid 8 **M4** **17.64 dB V/m**	Grid 9 **M4** **17.52 dB V/m**

Cursor:
Total = 20.28 dB V/m
E Category: M4
Location: 4, -25, 8.7 mm

0 dB = 10.32 V/m = 20.27 dB V/m

#05 HAC_E_CDMA2000 BC1_RC1_SO3_1-8 Rate_Ch600

DUT: 2O1720

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

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3

Ambient Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2013/1/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch600/E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 8.799 V/m; Power Drift = -0.09 dB
Applied MIF = 0.74 dB
RF audio interference level = 19.46 dB V/m
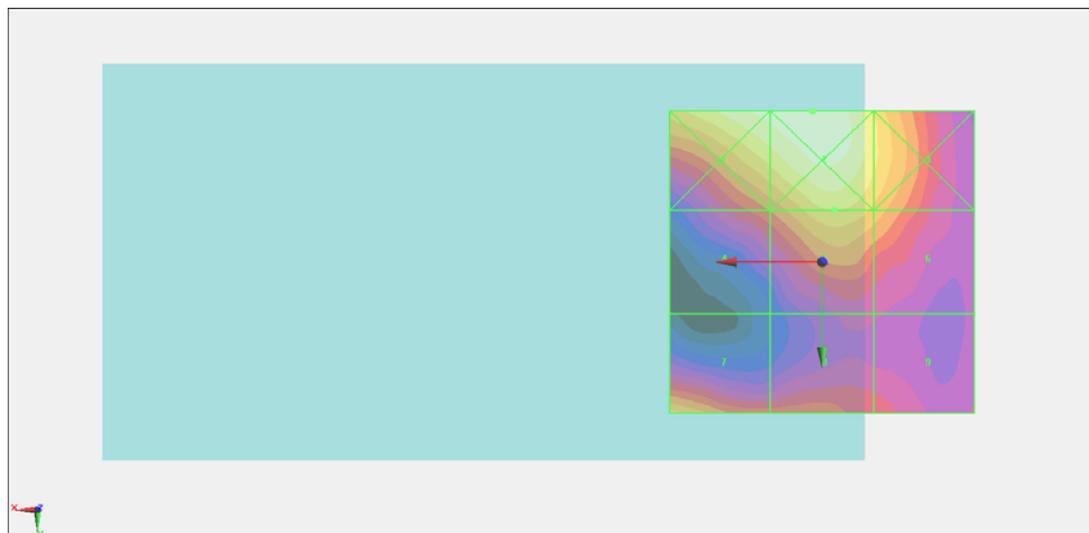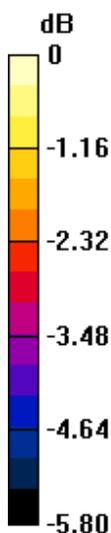**Emission category: M4**

MIF scaled E-field

Grid 1 **M4**	Grid 2 **M4**	Grid 3 **M4**
20.39 dB V/m	**20.62 dB V/m**	**19.59 dB V/m**
Grid 4 **M4**	Grid 5 **M4**	Grid 6 **M4**
18.34 dB V/m	**19.46 dB V/m**	**18.96 dB V/m**
Grid 7 **M4**	Grid 8 **M4**	Grid 9 **M4**
19.26 dB V/m	**18.34 dB V/m**	**17.78 dB V/m**

Cursor:
Total = 20.62 dB V/m
E Category: M4
Location: 1.5, -25, 8.7 mm

0 dB = 10.74 V/m = 20.62 dB V/m

#06 HAC_E_CDMA2000 BC1_RC1_SO3_1-8 Rate_Ch1175

DUT: 2O1720

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

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3

Ambient Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2013/1/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1175/E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 9.549 V/m; Power Drift = -0.14 dB
Applied MIF = 0.74 dB
RF audio interference level = 19.72 dB V/m
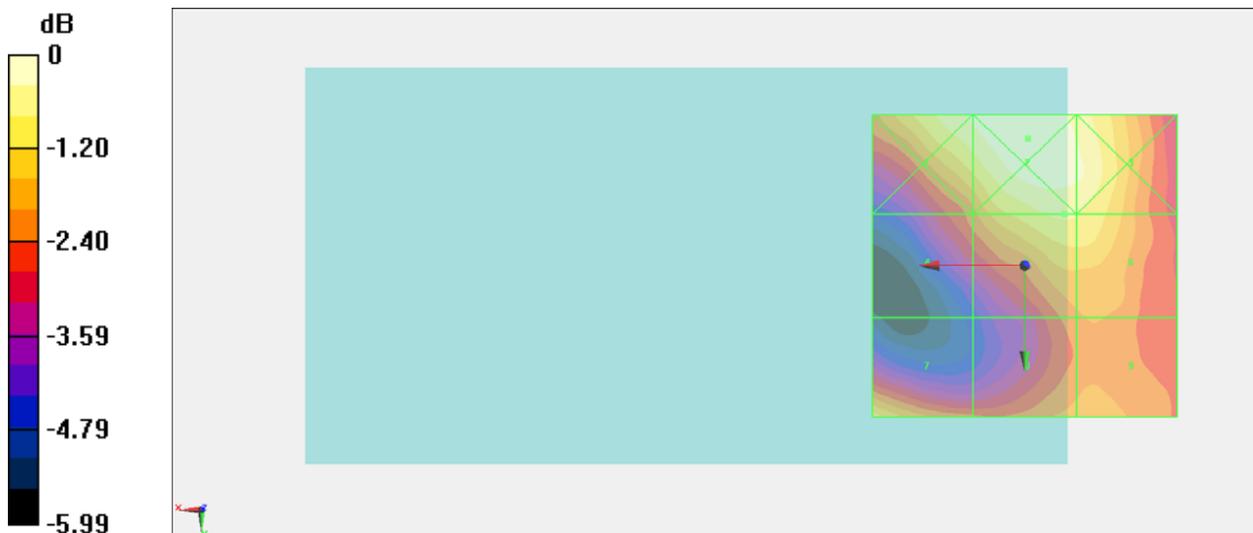**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **20.14 dB V/m**	Grid 2 **M4** **20.44 dB V/m**	Grid 3 **M4** **20.14 dB V/m**
Grid 4 **M4** **18.32 dB V/m**	Grid 5 **M4** **19.72 dB V/m**	Grid 6 **M4** **19.68 dB V/m**
Grid 7 **M4** **19.52 dB V/m**	Grid 8 **M4** **18.59 dB V/m**	Grid 9 **M4** **18.6 dB V/m**

Cursor:
Total = 20.44 dB V/m
E Category: M4
Location: -0.5, -21, 8.7 mm

0 dB = 10.53 V/m = 20.45 dB V/m

#07 HAC_E_CDMA2000 BC15_RC1_SO3_1-8 Rate_Ch25

DUT: 2O1720

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 1711.25 MHz;Duty Cycle: 1:19.8153

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3

Ambient Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2013/1/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch25/E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 11.90 V/m; Power Drift = 0.07 dB
Applied MIF = 0.74 dB
RF audio interference level = 21.90 dB V/m
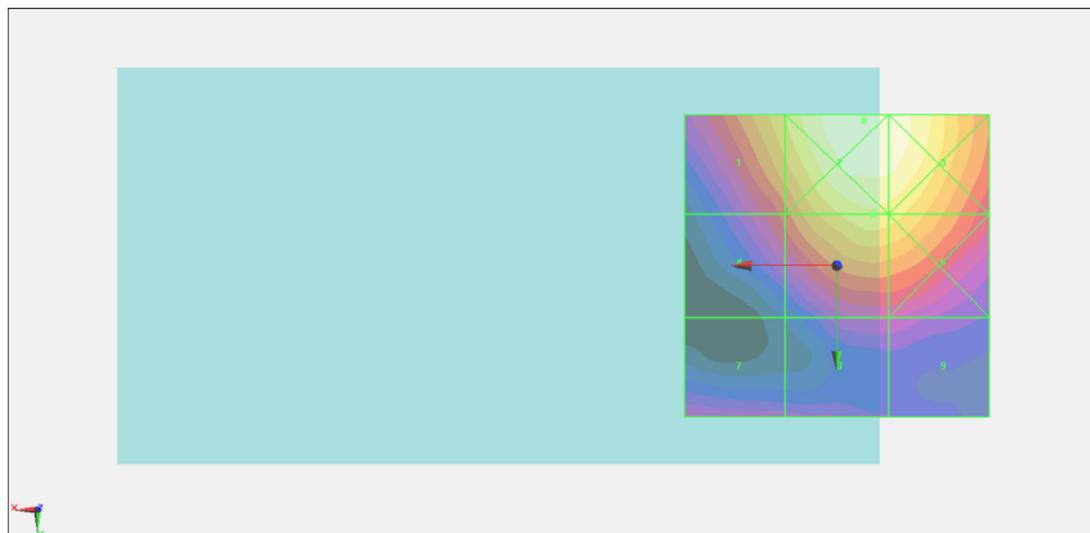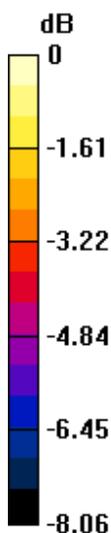**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **21.54 dB V/m**	Grid 2 **M4** **23.12 dB V/m**	Grid 3 **M4** **22.97 dB V/m**
Grid 4 **M4** **19.68 dB V/m**	Grid 5 **M4** **21.9 dB V/m**	Grid 6 **M4** **21.78 dB V/m**
Grid 7 **M4** **18.49 dB V/m**	Grid 8 **M4** **18.42 dB V/m**	Grid 9 **M4** **18.35 dB V/m**

Cursor:
Total = 23.12 dB V/m
E Category: M4
Location: -4.5, -24, 8.7 mm

0 dB = 14.33 V/m = 23.12 dB V/m

#08 HAC_E_CDMA2000 BC15_RC1_SO3_1-8 Rate_Ch425

DUT: 2O1720

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 1731.25 MHz;Duty Cycle: 1:19.8153

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3

Ambient Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2013/1/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch425/E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 12.12 V/m; Power Drift = 0.14 dB
Applied MIF = 0.74 dB
RF audio interference level = 22.13 dB V/m
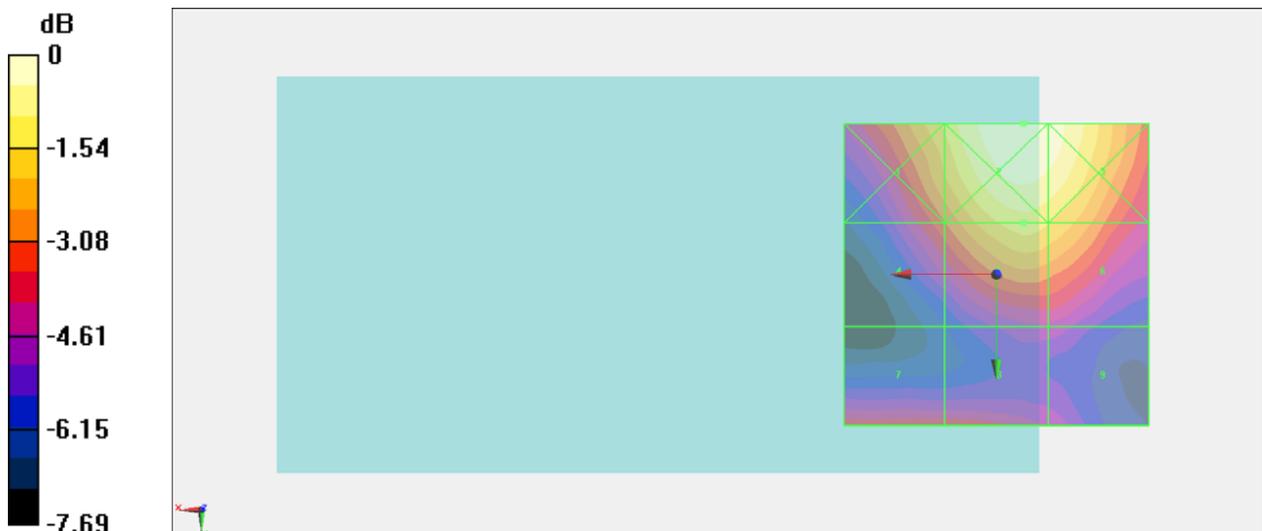**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **22.03 dB V/m**	Grid 2 **M4** **23.42 dB V/m**	Grid 3 **M4** **23.21 dB V/m**
Grid 4 **M4** **20.32 dB V/m**	Grid 5 **M4** **22.13 dB V/m**	Grid 6 **M4** **21.9 dB V/m**
Grid 7 **M4** **19.88 dB V/m**	Grid 8 **M4** **19.87 dB V/m**	Grid 9 **M4** **18.84 dB V/m**

Cursor:
Total = 23.42 dB V/m
E Category: M4
Location: -4.5, -25, 8.7 mm

0 dB = 14.82 V/m = 23.42 dB V/m

#09 HAC_E_CDMA2000 BC15_RC1_SO3_1-8 Rate_Ch875

DUT: 2O1720

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 1753.75 MHz;Duty Cycle: 1:19.8153

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3

Ambient Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2013/1/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch875/E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 11.90 V/m; Power Drift = -0.08 dB
Applied MIF = 0.74 dB
RF audio interference level = 21.23 dB V/m
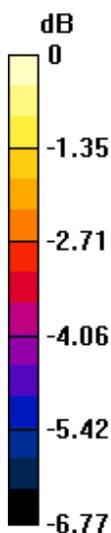**Emission category: M4**

MIF scaled E-field

Grid 1 **M4**	Grid 2 **M4**	Grid 3 **M4**
20.47 dB V/m	**21.87 dB V/m**	**21.8 dB V/m**
Grid 4 **M4**	Grid 5 **M4**	Grid 6 **M4**
19.41 dB V/m	**21.23 dB V/m**	**21.07 dB V/m**
Grid 7 **M4**	Grid 8 **M4**	Grid 9 **M4**
17.98 dB V/m	**19.07 dB V/m**	**18.92 dB V/m**

Cursor:
Total = 21.87 dB V/m
E Category: M4
Location: -5.5, -22, 8.7 mm

0 dB = 12.40 V/m = 21.87 dB V/m