#01_HAC_E_GSM850_GSM Voice_Ch128

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz;Duty Cycle: 1:8.6896
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Ch128/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 55.90 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.88 dBV/m
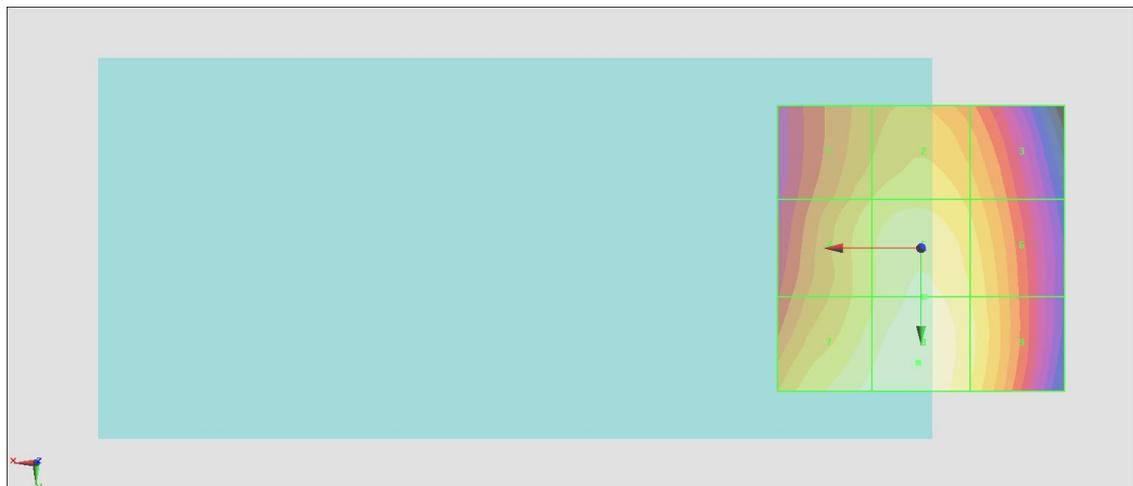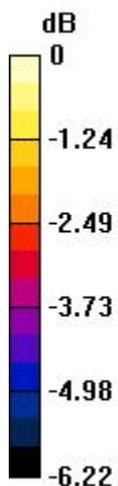**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **35.66 dBV/m**	Grid 2 **M4** **35.96 dBV/m**	Grid 3 **M4** **35.51 dBV/m**
Grid 4 **M4** **36.01 dBV/m**	Grid 5 **M4** **36.57 dBV/m**	Grid 6 **M4** **36.07 dBV/m**
Grid 7 **M4** **36.6 dBV/m**	Grid 8 **M4** **36.88 dBV/m**	Grid 9 **M4** **36.22 dBV/m**

Cursor:
Total = 36.88 dBV/m
E Category: M4
Location: 0.5, 20, 8.7 mm

0 dB = 69.83 V/m = 36.88 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz;Duty Cycle: 1:8.6896

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

Ambient Temperature：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Ch189/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 61.77 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.82 dBV/m
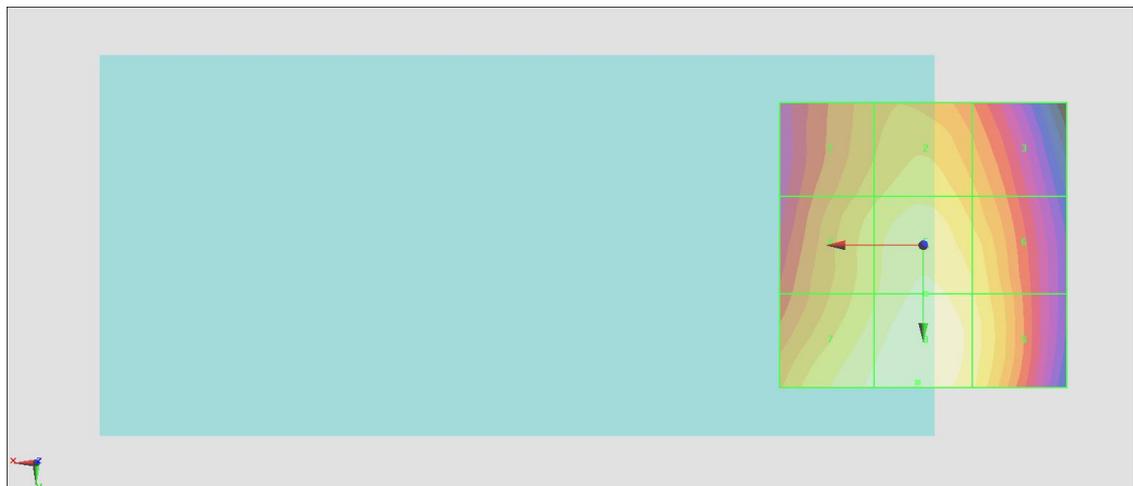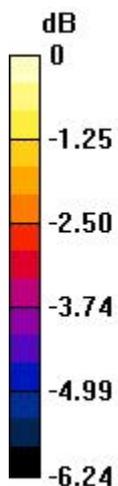
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **36.48 dBV/m**	Grid 2 **M4** **36.91 dBV/m**	Grid 3 **M4** **36.31 dBV/m**
Grid 4 **M4** **36.94 dBV/m**	Grid 5 **M4** **37.49 dBV/m**	Grid 6 **M4** **37.05 dBV/m**
Grid 7 **M4** **37.52 dBV/m**	Grid 8 **M4** **37.82 dBV/m**	Grid 9 **M4** **37.24 dBV/m**

Cursor:
Total = 37.82 dBV/m
E Category: M4
Location: 1, 24, 8.7 mm

0 dB = 77.79 V/m = 37.82 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz;Duty Cycle: 1:8.6896
Medium: Air Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Ch251/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 58.15 V/m; Power Drift = -0.07 dB
Applied MIF = 3.63 dB
RF audio interference level = 37.16 dBV/m
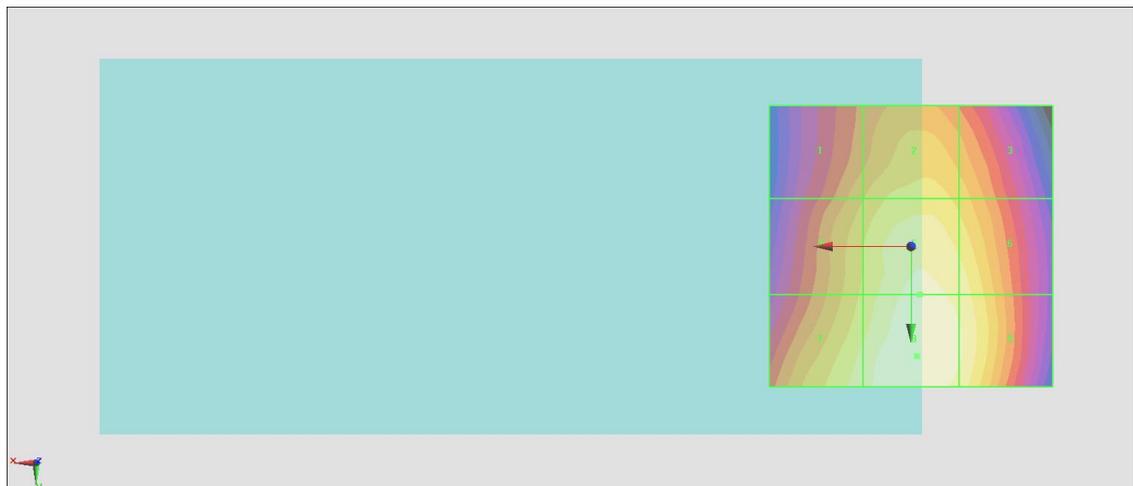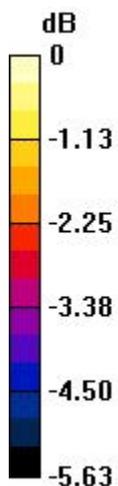**Emission category: M4**

MIF scaled E-field

Grid 1 **M4**	Grid 2 **M4**	Grid 3 **M4**
35.64 dBV/m	**36.23 dBV/m**	**35.91 dBV/m**
Grid 4 **M4**	Grid 5 **M4**	Grid 6 **M4**
36.11 dBV/m	**36.91 dBV/m**	**36.65 dBV/m**
Grid 7 **M4**	Grid 8 **M4**	Grid 9 **M4**
36.64 dBV/m	**37.16 dBV/m**	**36.83 dBV/m**

Cursor:
Total = 37.16 dBV/m
E Category: M4
Location: -1, 19.5, 8.7 mm

0 dB = 72.07 V/m = 37.16 dBV/m

#04_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz;Duty Cycle: 1:8.6896
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Ch189/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 52.95 V/m; Power Drift = -0.10 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.33 dBV/m
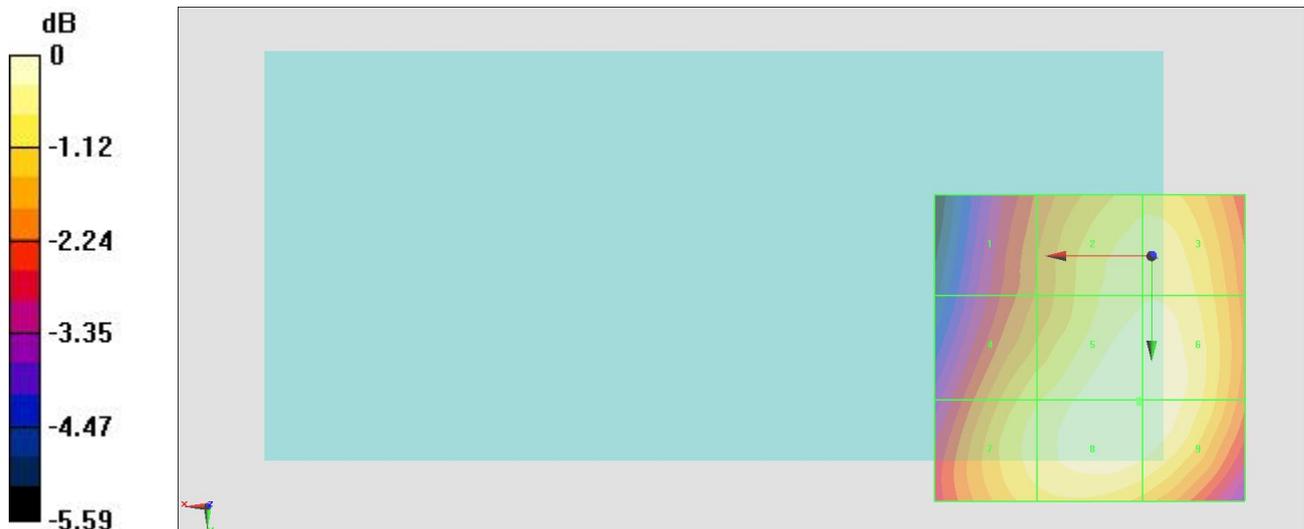**Emission category: M4**

MIF scaled E-field

Grid 1 **M4**	Grid 2 **M4**	Grid 3 **M4**
34.54 dBV/m	**35.92 dBV/m**	**35.95 dBV/m**
Grid 4 **M4**	Grid 5 **M4**	Grid 6 **M4**
35.54 dBV/m	**36.33 dBV/m**	**36.33 dBV/m**
Grid 7 **M4**	Grid 8 **M4**	Grid 9 **M4**
35.8 dBV/m	**36.33 dBV/m**	**36.33 dBV/m**

Cursor:
Total = 36.33 dBV/m
E Category: M4
Location: 2, 24, 8.7 mm

0 dB = 65.54 V/m = 36.33 dBV/m

#05_HAC_E_GSM1900_GSM Voice_Ch512

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz;Duty Cycle: 1:8.6896
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Ch512/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 13.21 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.39 dBV/m
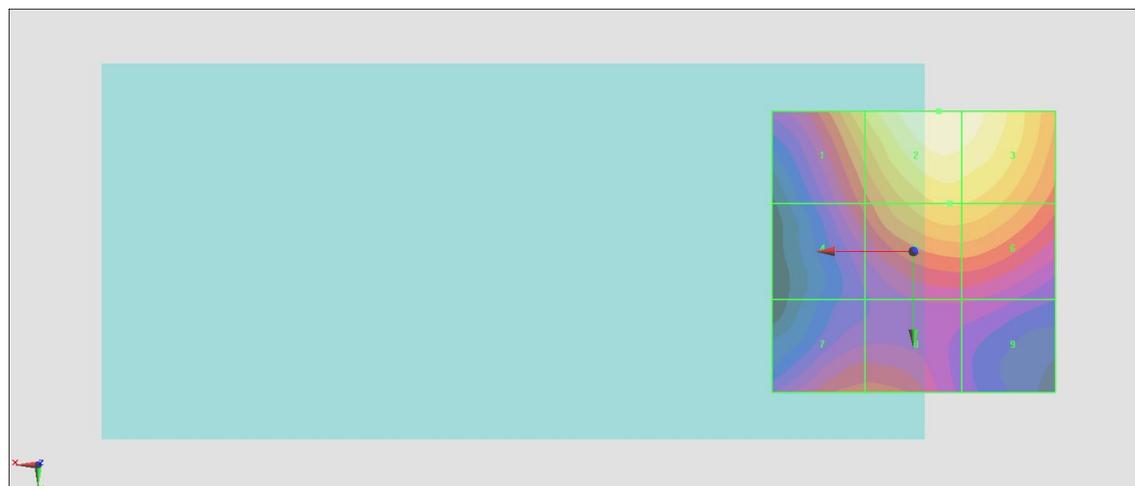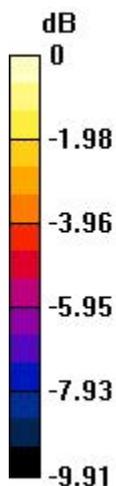**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** 26.61 dBV/m	Grid 2 **M4** 28.39 dBV/m	Grid 3 **M4** 28.16 dBV/m
Grid 4 **M4** 24.12 dBV/m	Grid 5 **M4** 26.48 dBV/m	Grid 6 **M4** 26.43 dBV/m
Grid 7 **M4** 24.07 dBV/m	Grid 8 **M4** 24.1 dBV/m	Grid 9 **M4** 22.62 dBV/m

Cursor:
Total = 28.39 dBV/m
E Category: M4
Location: -4.5, -25, 8.7 mm

0 dB = 26.26 V/m = 28.39 dBV/m

#06_HAC_E_GSM1900_GSM Voice_Ch661

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz;Duty Cycle: 1:8.6896
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Ch661/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 13.19 V/m; Power Drift = 0.08 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.31 dBV/m
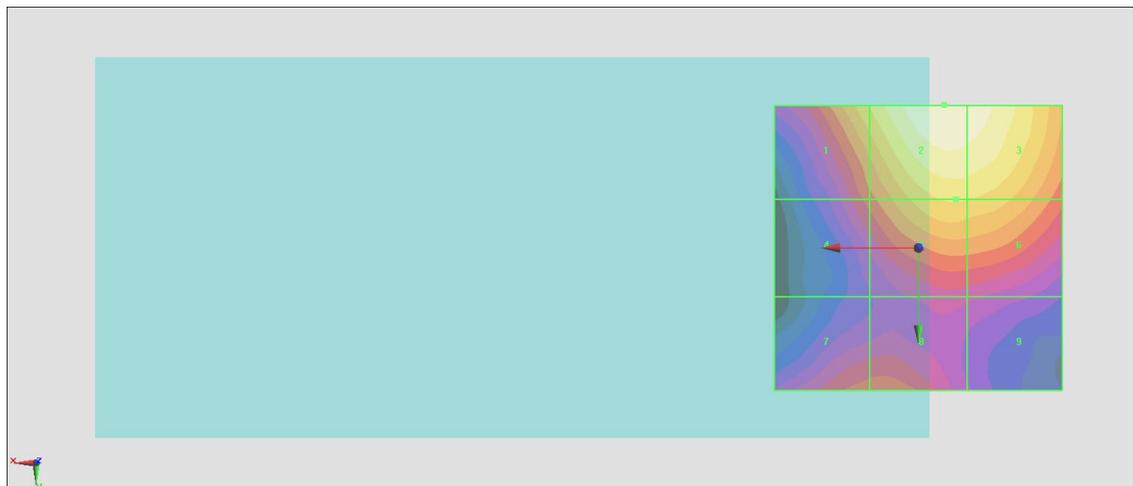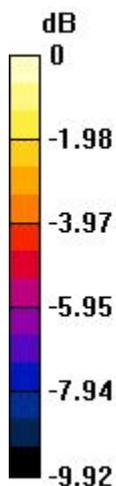**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **26.4 dBV/m**	Grid 2 **M4** **28.31 dBV/m**	Grid 3 **M4** **28.13 dBV/m**
Grid 4 **M4** **24.05 dBV/m**	Grid 5 **M4** **26.41 dBV/m**	Grid 6 **M4** **26.35 dBV/m**
Grid 7 **M4** **24.05 dBV/m**	Grid 8 **M4** **24.15 dBV/m**	Grid 9 **M4** **22.61 dBV/m**

Cursor:
Total = 28.31 dBV/m
E Category: M4
Location: -4.5, -25, 8.7 mm

0 dB = 26.03 V/m = 28.31 dBV/m

#07_HAC_E_GSM1900_GSM Voice_Ch810

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz;Duty Cycle: 1:8.6896
Medium: Air Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Ch810/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 13.29 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.30 dBV/m
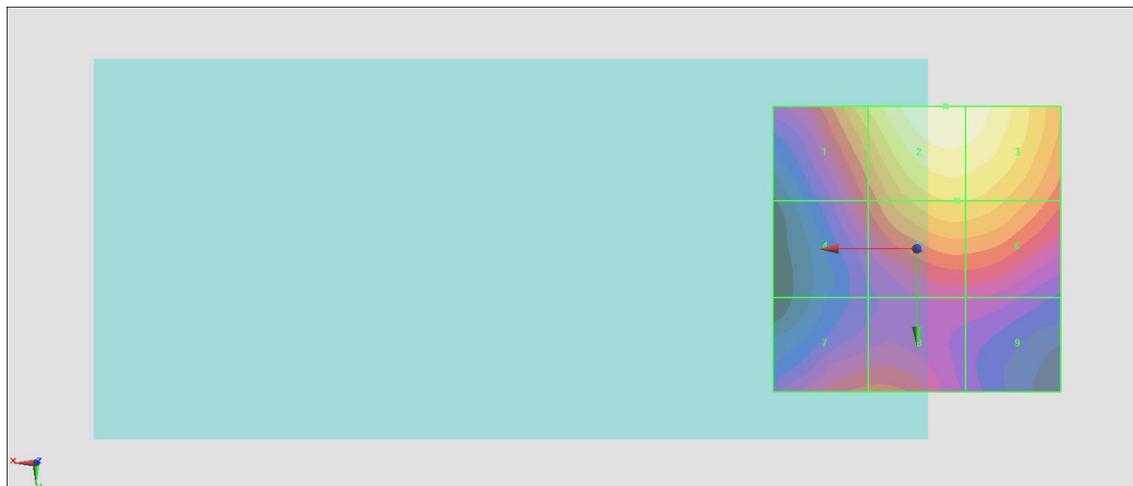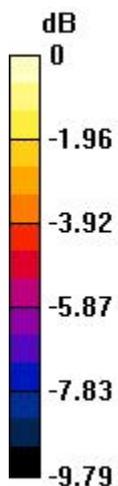**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** 26.43 dBV/m	Grid 2 **M4** 28.3 dBV/m	Grid 3 **M4** 28.13 dBV/m
Grid 4 **M4** 23.9 dBV/m	Grid 5 **M4** 26.38 dBV/m	Grid 6 **M4** 26.36 dBV/m
Grid 7 **M4** 24.01 dBV/m	Grid 8 **M4** 24.05 dBV/m	Grid 9 **M4** 22.55 dBV/m

Cursor:
Total = 28.30 dBV/m
E Category: M4
Location: -5, -25, 8.7 mm

0 dB = 25.99 V/m = 28.30 dBV/m

#08_HAC_E_GSM1900_GSM Voice_Ch512

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz;Duty Cycle: 1:8.6896
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：23.6 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Ch512/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 17.11 V/m; Power Drift = 0.08 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.79 dBV/m
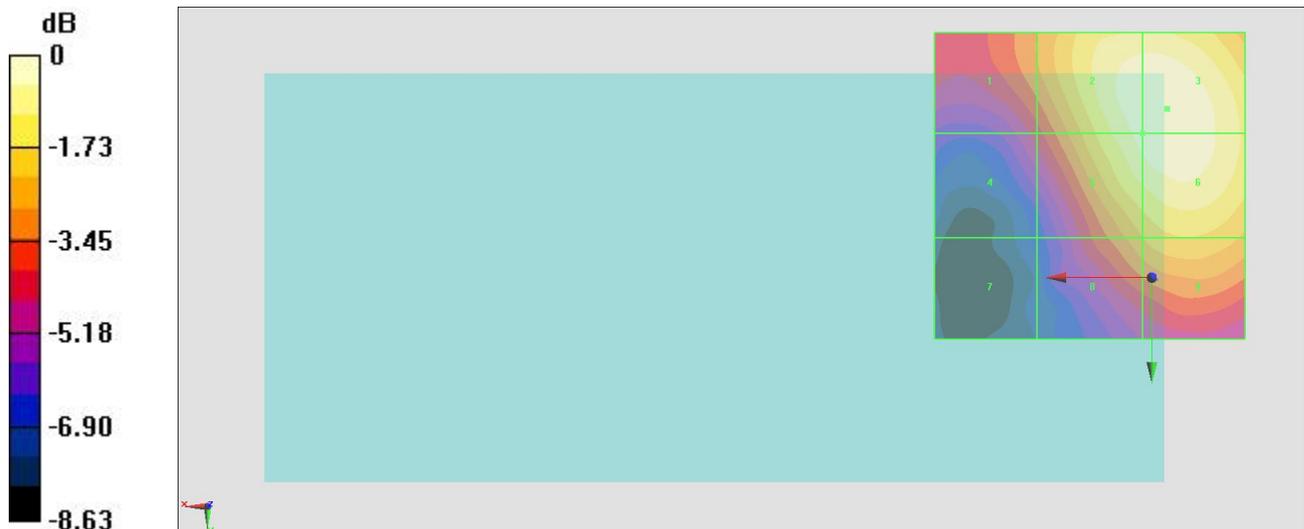**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **26.97 dBV/m**	Grid 2 **M4** **29.65 dBV/m**	Grid 3 **M4** **29.79 dBV/m**
Grid 4 **M4** **25.52 dBV/m**	Grid 5 **M4** **29.44 dBV/m**	Grid 6 **M4** **29.73 dBV/m**
Grid 7 **M4** **23.16 dBV/m**	Grid 8 **M4** **27.49 dBV/m**	Grid 9 **M4** **28.07 dBV/m**

Cursor:
Total = 29.79 dBV/m
E Category: M4
Location: -2.5, -27.5, 8.7 mm

0 dB = 30.88 V/m = 29.79 dBV/m