#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: 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: 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 (6); SEMCAD X Version 14.6.9 (7117)

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 = 57.05 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
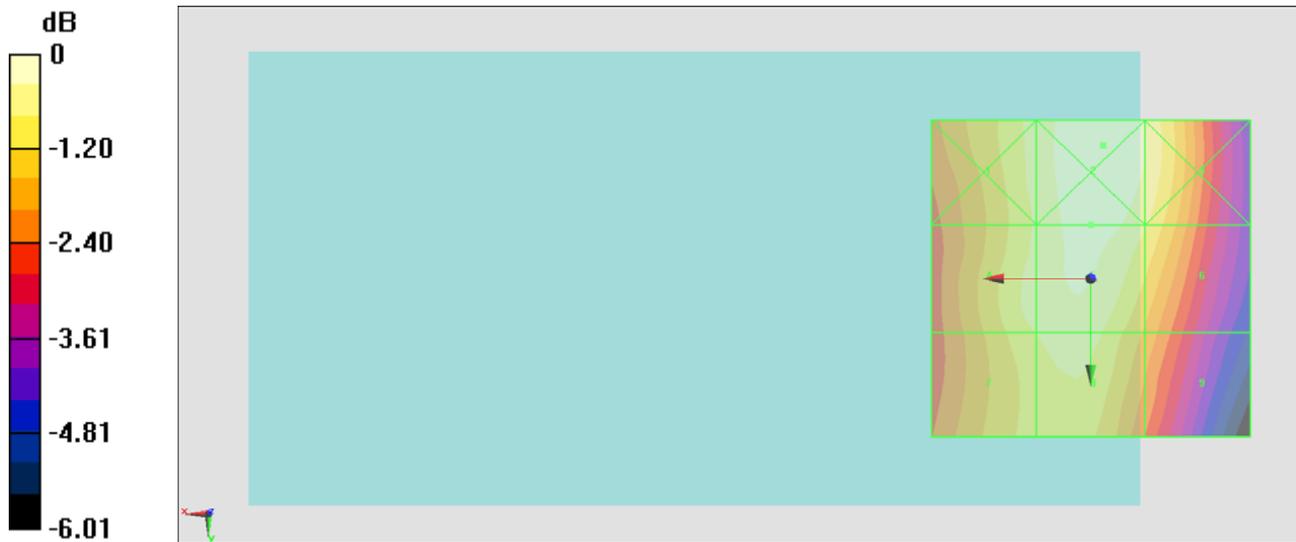RF audio interference level = 36.62 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **36.24 dBV/m**	Grid 2 **M4** **36.86 dBV/m**	Grid 3 **M4** **36.49 dBV/m**
Grid 4 **M4** **36.26 dBV/m**	Grid 5 **M4** **36.62 dBV/m**	Grid 6 **M4** **36.12 dBV/m**
Grid 7 **M4** **36.08 dBV/m**	Grid 8 **M4** **36.27 dBV/m**	Grid 9 **M4** **35.2 dBV/m**

Cursor:
Total = 36.86 dBV/m
E Category: M4
Location: -2, -21, 8.7 mm

0 dB = 69.68 V/m = 36.86 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 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: 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 (6); SEMCAD X Version 14.6.9 (7117)

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 = 56.55 V/m; Power Drift = -0.05 dB
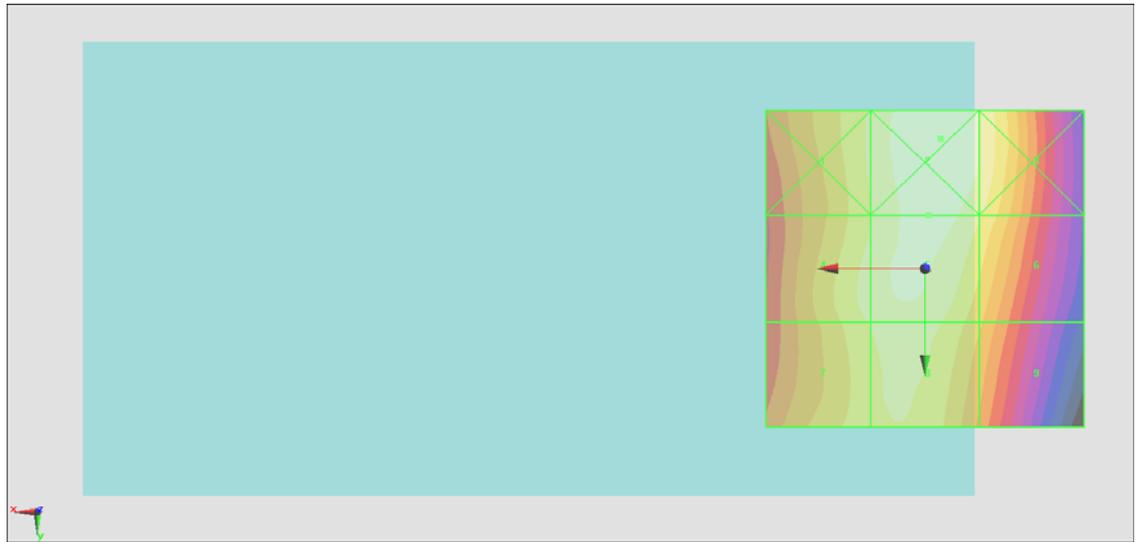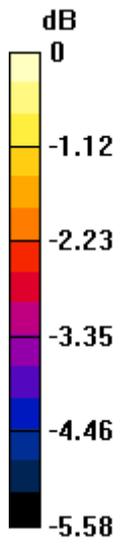Applied MIF = 3.63 dB
RF audio interference level = 36.56 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **36.14 dBV/m**	Grid 2 **M4** **36.79 dBV/m**	Grid 3 **M4** **36.43 dBV/m**
Grid 4 **M4** **36.24 dBV/m**	Grid 5 **M4** **36.56 dBV/m**	Grid 6 **M4** **36.12 dBV/m**
Grid 7 **M4** **36.09 dBV/m**	Grid 8 **M4** **36.29 dBV/m**	Grid 9 **M4** **35.38 dBV/m**

Cursor:
Total = 36.79 dBV/m
E Category: M4
Location: -2.5, -20.5, 8.7 mm

0 dB = 69.14 V/m = 36.79 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.6 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: 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 (6); SEMCAD X Version 14.6.9 (7117)

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 = 63.98 V/m; Power Drift = 0.20 dB

Applied MIF = 3.63 dB

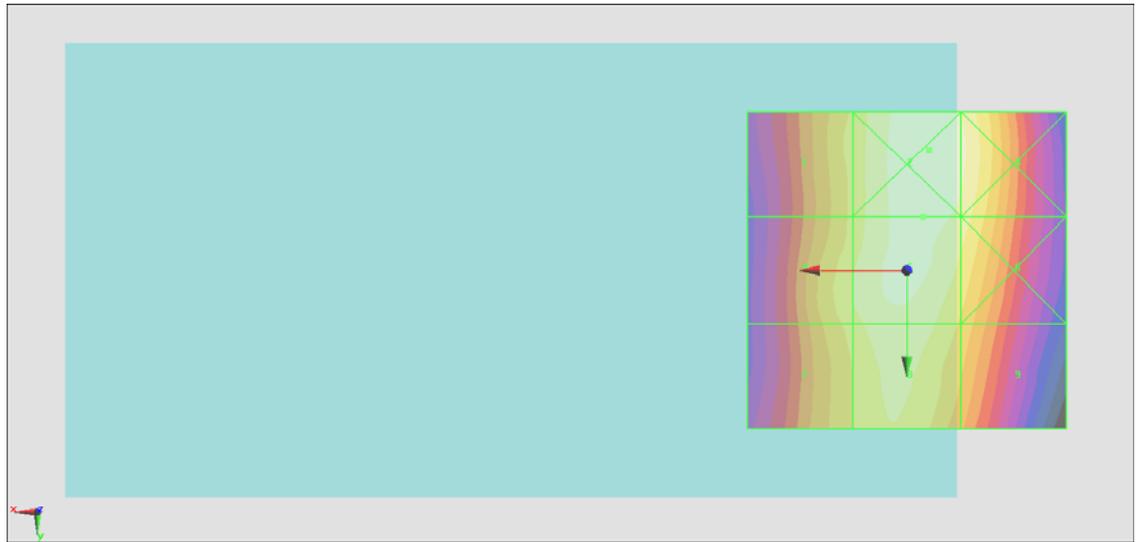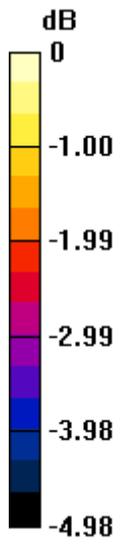RF audio interference level = 37.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 **M4** **37.25 dBV/m**	Grid 2 **M4** **38.08 dBV/m**	Grid 3 **M4** **37.84 dBV/m**
Grid 4 **M4** **37.42 dBV/m**	Grid 5 **M4** **37.92 dBV/m**	Grid 6 **M4** **37.62 dBV/m**
Grid 7 **M4** **37.27 dBV/m**	Grid 8 **M4** **37.64 dBV/m**	Grid 9 **M4** **37.02 dBV/m**

Cursor:
Total = 38.08 dBV/m
E Category: M4
Location: -3.5, -19, 8.7 mm

0 dB = 80.15 V/m = 38.08 dBV/m

#04_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: 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 (6); SEMCAD X Version 14.6.9 (7117)

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 = 23.89 V/m; Power Drift = -0.01 dB
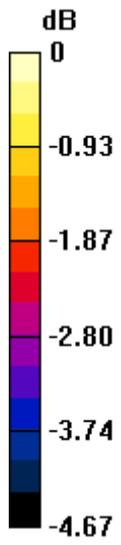Applied MIF = 3.63 dB
RF audio interference level = 30.11 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **27.85 dBV/m**	Grid 2 **M4** **29.17 dBV/m**	Grid 3 **M4** **29.17 dBV/m**
Grid 4 **M4** **28.38 dBV/m**	Grid 5 **M3** **30.11 dBV/m**	Grid 6 **M3** **30.03 dBV/m**
Grid 7 **M4** **29.02 dBV/m**	Grid 8 **M3** **30.32 dBV/m**	Grid 9 **M3** **30.21 dBV/m**

Cursor:
Total = 30.32 dBV/m
E Category: M3
Location: -4.5, 22, 8.7 mm

0 dB = 32.80 V/m = 30.32 dBV/m

#05_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: 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 (6); SEMCAD X Version 14.6.9 (7117)

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 = 21.94 V/m; Power Drift = -0.18 dB
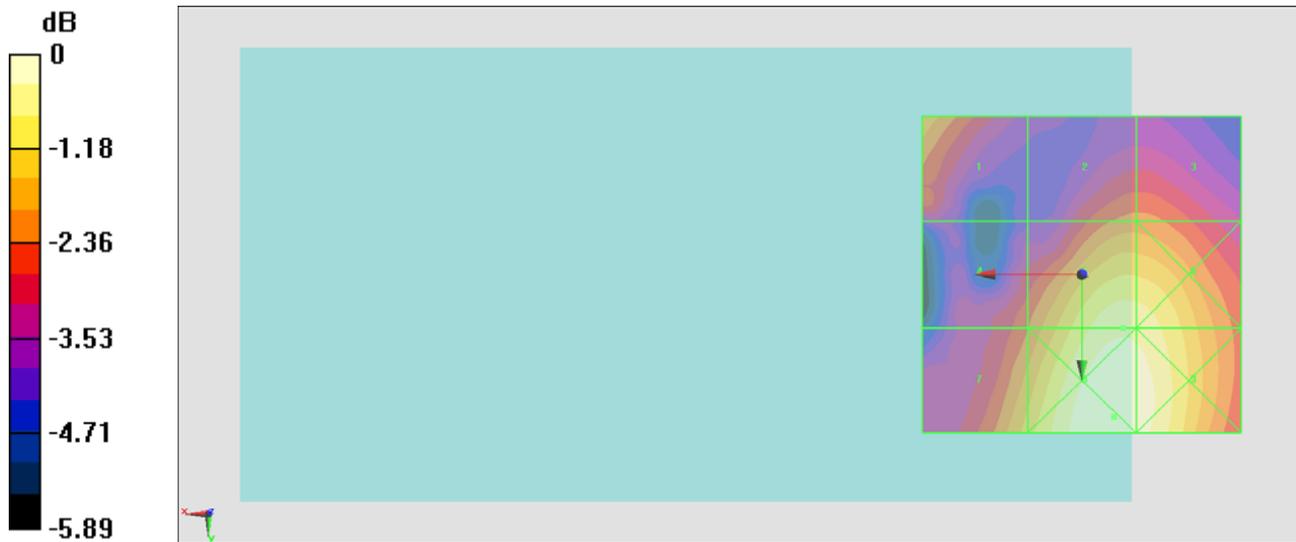Applied MIF = 3.63 dB
RF audio interference level = 29.73 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.6 dBV/m**	Grid 2 **M4** **28.01 dBV/m**	Grid 3 **M4** **28.01 dBV/m**
Grid 4 **M4** **27.84 dBV/m**	Grid 5 **M4** **29.73 dBV/m**	Grid 6 **M4** **29.69 dBV/m**
Grid 7 **M4** **28.84 dBV/m**	Grid 8 **M3** **30.2 dBV/m**	Grid 9 **M3** **30.09 dBV/m**

Cursor:
Total = 30.20 dBV/m
E Category: M3
Location: -5, 22.5, 8.7 mm

0 dB = 32.36 V/m = 30.20 dBV/m

#06_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: 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 (6); SEMCAD X Version 14.6.9 (7117)

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 = 20.95 V/m; Power Drift = -0.05 dB
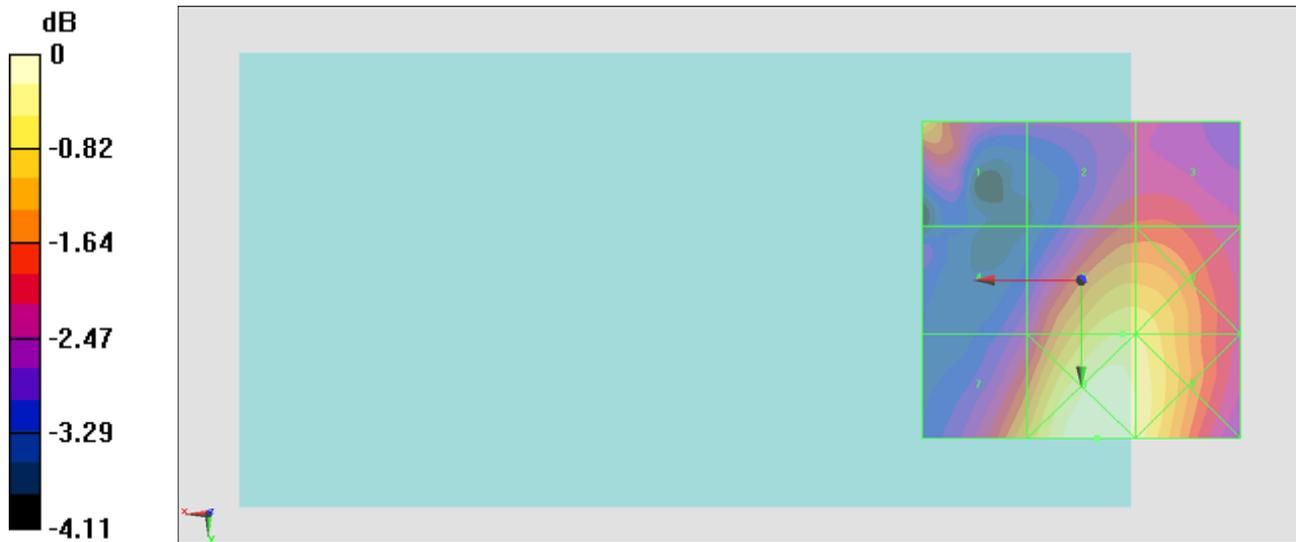Applied MIF = 3.63 dB
RF audio interference level = 29.55 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.3 dBV/m**	Grid 2 **M4** **28.22 dBV/m**	Grid 3 **M4** **28.25 dBV/m**
Grid 4 **M4** **27.68 dBV/m**	Grid 5 **M4** **29.55 dBV/m**	Grid 6 **M4** **29.52 dBV/m**
Grid 7 **M4** **29.05 dBV/m**	Grid 8 **M3** **30.07 dBV/m**	Grid 9 **M4** **29.81 dBV/m**

Cursor:
Total = 30.07 dBV/m
E Category: M3
Location: -2.5, 25, 8.7 mm

0 dB = 31.89 V/m = 30.07 dBV/m