#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：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- 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 = 77.87 V/m; Power Drift = -0.07 dB
Applied MIF = 3.63 dB
RF audio interference level = 38.86 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **36.82 dBV/m**	Grid 2 **M4** **38.39 dBV/m**	Grid 3 **M4** **38.24 dBV/m**
Grid 4 **M4** **37.28 dBV/m**	Grid 5 **M4** **38.86 dBV/m**	Grid 6 **M4** **38.7 dBV/m**
Grid 7 **M4** **37.13 dBV/m**	Grid 8 **M4** **38.73 dBV/m**	Grid 9 **M4** **38.56 dBV/m**

Cursor:
Total = 38.86 dBV/m
E Category: M4
Location: -5, 2, 8.7 mm

0 dB = 87.66 V/m = 38.86 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：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- 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 = 90.82 V/m; Power Drift = -0.07 dB
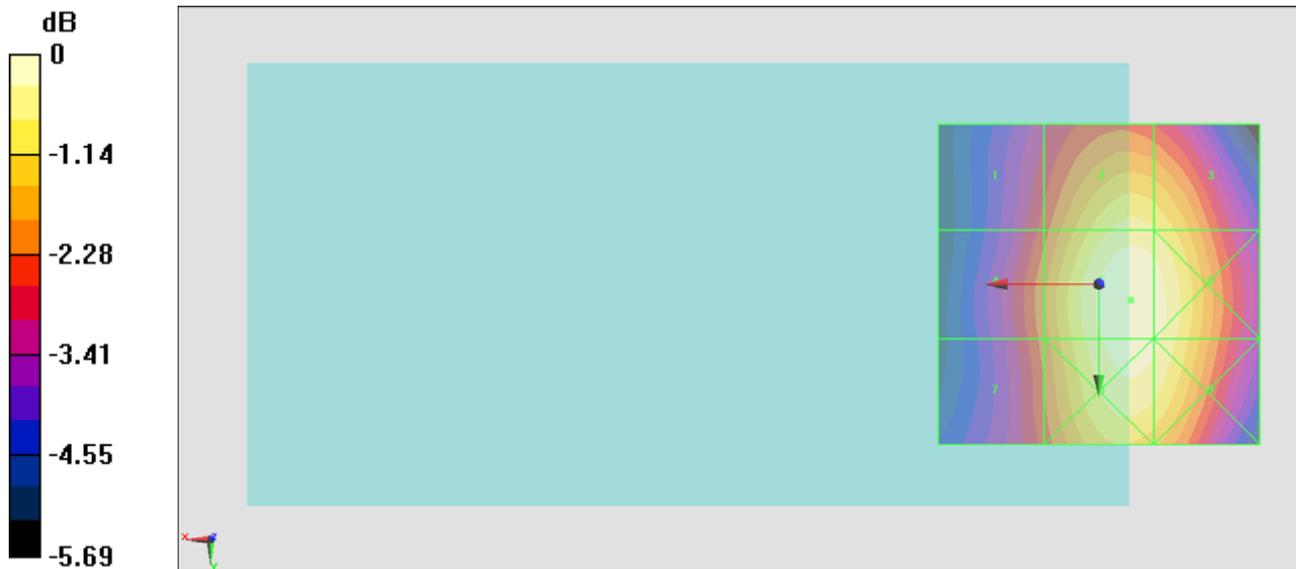Applied MIF = 3.63 dB
RF audio interference level = 40.15 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** 37.73 dBV/m	Grid 2 **M4** 39.58 dBV/m	Grid 3 **M4** 39.43 dBV/m
Grid 4 **M4** 38.21 dBV/m	Grid 5 **M3** 40.15 dBV/m	Grid 6 **M3** 40 dBV/m
Grid 7 **M4** 38.09 dBV/m	Grid 8 **M3** 40.02 dBV/m	Grid 9 **M4** 39.88 dBV/m

Cursor:
Total = 40.15 dBV/m
E Category: M3
Location: -5, 2.5, 8.7 mm

0 dB = 101.7 V/m = 40.15 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: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- 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 = 94.05 V/m; Power Drift = -0.12 dB
Applied MIF = 3.63 dB
RF audio interference level = 40.35 dBV/m
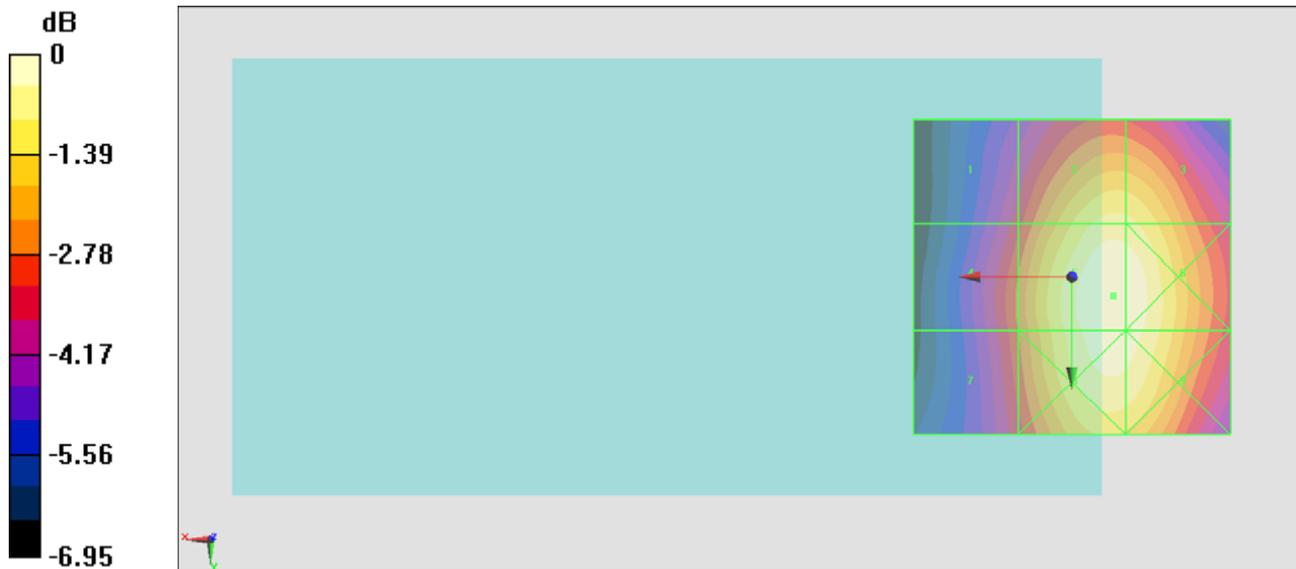**Emission category: M3**

MIF scaled E-field

Grid 1 **M4** **36.96 dBV/m**	Grid 2 **M4** **39.63 dBV/m**	Grid 3 **M4** **39.59 dBV/m**
Grid 4 **M4** **37.7 dBV/m**	Grid 5 **M3** **40.35 dBV/m**	Grid 6 **M3** **40.3 dBV/m**
Grid 7 **M4** **37.58 dBV/m**	Grid 8 **M3** **40.23 dBV/m**	Grid 9 **M3** **40.17 dBV/m**

Cursor:
Total = 40.35 dBV/m
E Category: M3
Location: -6.5, 3, 8.7 mm

0 dB = 104.2 V/m = 40.36 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：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- 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 = 21.77 V/m; Power Drift = 0.17 dB
Applied MIF = 3.63 dB
RF audio interference level = 32.15 dBV/m
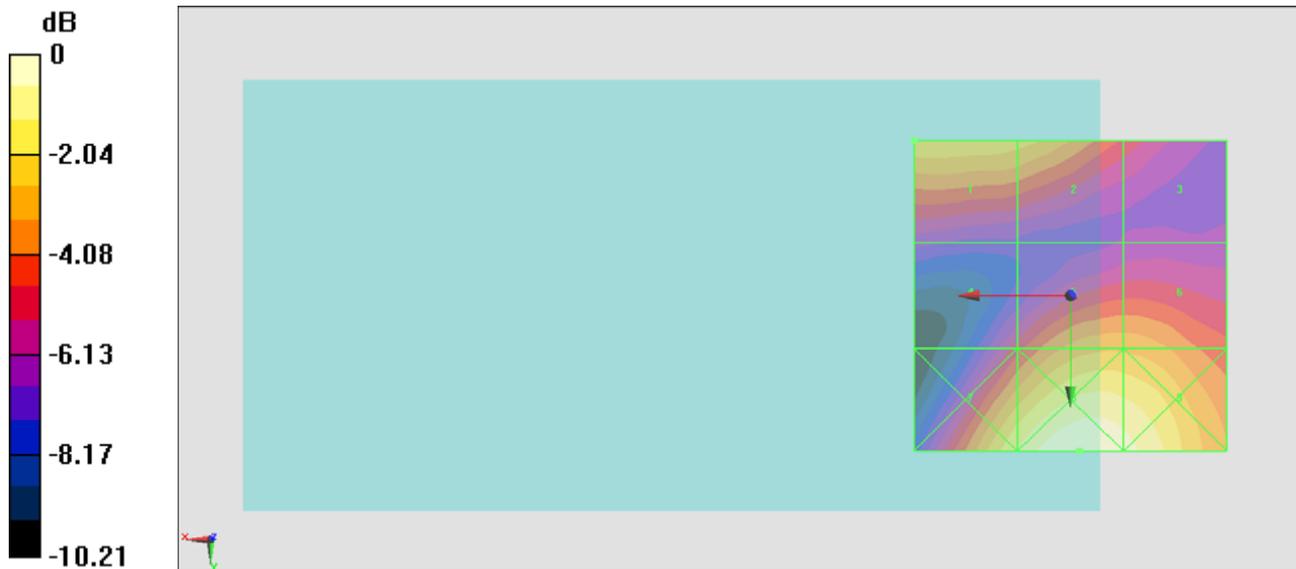**Emission category: M3**

MIF scaled E-field

Grid 1 **M3** **32.15 dBV/m**	Grid 2 **M3** **31.73 dBV/m**	Grid 3 **M4** **29.26 dBV/m**
Grid 4 **M4** **29.09 dBV/m**	Grid 5 **M3** **31.33 dBV/m**	Grid 6 **M3** **31.3 dBV/m**
Grid 7 **M3** **32.87 dBV/m**	Grid 8 **M3** **34.13 dBV/m**	Grid 9 **M3** **33.74 dBV/m**

Cursor:
Total = 34.13 dBV/m
E Category: M3
Location: -1.5, 25, 8.7 mm

0 dB = 50.90 V/m = 34.13 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：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- 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 = 22.49 V/m; Power Drift = 0.14 dB
Applied MIF = 3.63 dB
RF audio interference level = 31.94 dBV/m
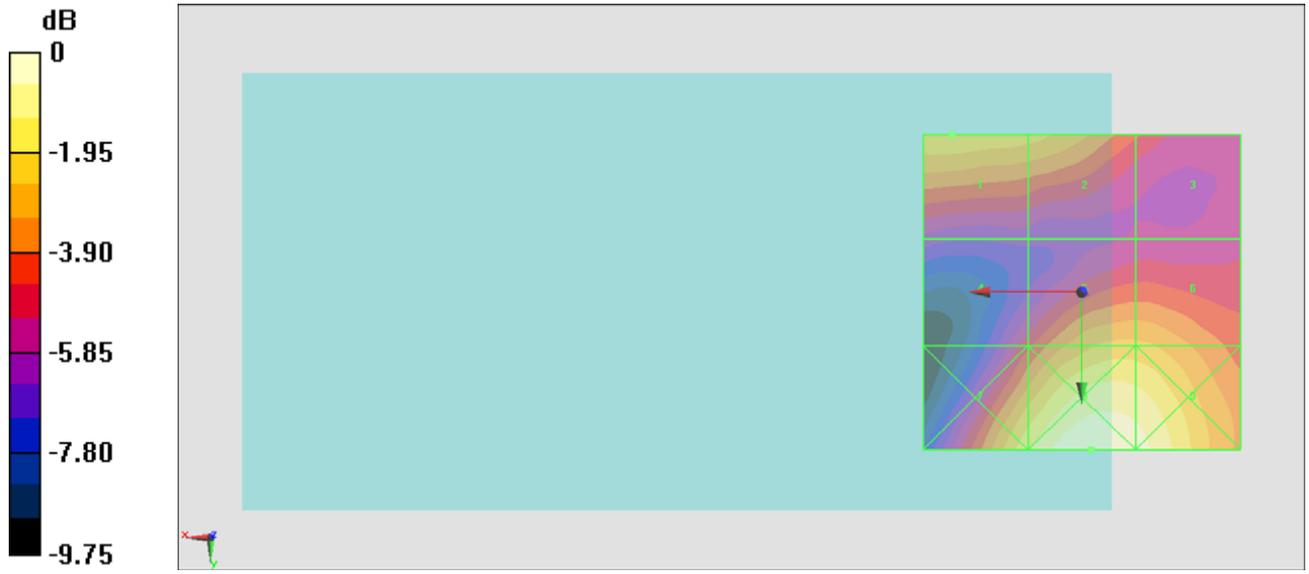**Emission category: M3**

MIF scaled E-field

Grid 1 **M3** **31.94 dBV/m**	Grid 2 **M3** **31.65 dBV/m**	Grid 3 **M4** **29.55 dBV/m**
Grid 4 **M4** **29.24 dBV/m**	Grid 5 **M3** **31.55 dBV/m**	Grid 6 **M3** **31.52 dBV/m**
Grid 7 **M3** **32.53 dBV/m**	Grid 8 **M3** **33.92 dBV/m**	Grid 9 **M3** **33.59 dBV/m**

Cursor:
Total = 33.92 dBV/m
E Category: M3
Location: -1.5, 25, 8.7 mm

0 dB = 49.67 V/m = 33.92 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: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- 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 = 22.06 V/m; Power Drift = 0.19 dB

Applied MIF = 3.63 dB

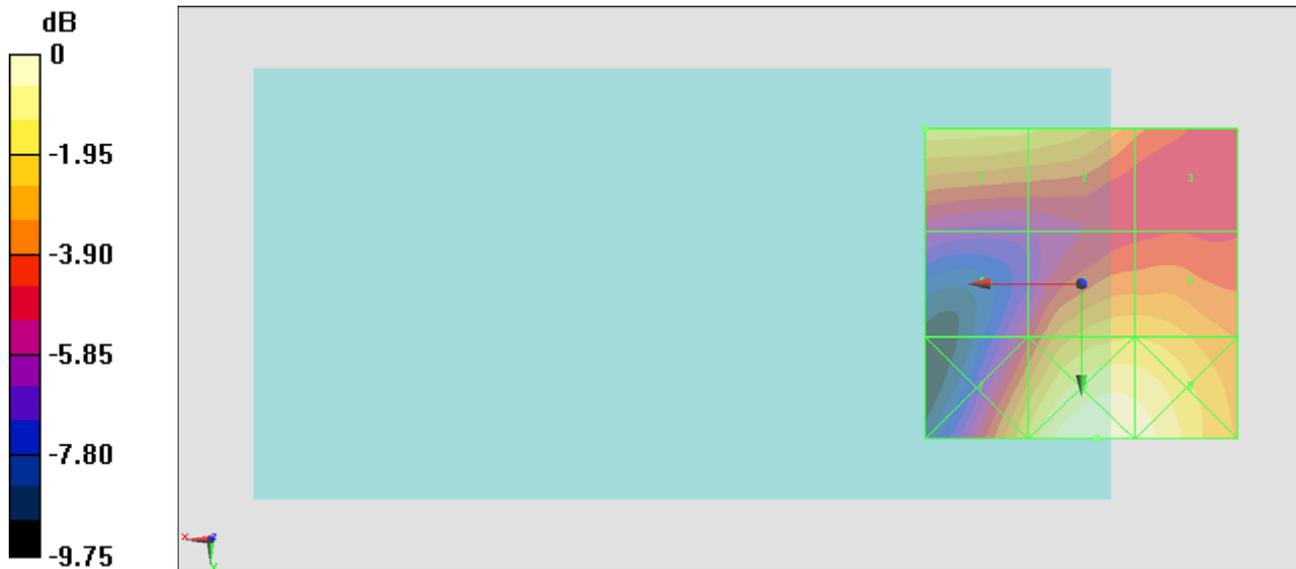RF audio interference level = 31.65 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 **M3** **31.65 dBV/m**	Grid 2 **M3** **31.48 dBV/m**	Grid 3 **M4** **29.63 dBV/m**
Grid 4 **M4** **28.44 dBV/m**	Grid 5 **M3** **31.25 dBV/m**	Grid 6 **M3** **31.24 dBV/m**
Grid 7 **M3** **31.43 dBV/m**	Grid 8 **M3** **33.24 dBV/m**	Grid 9 **M3** **33.04 dBV/m**

Cursor:
Total = 33.24 dBV/m
E Category: M3
Location: -2.5, 25, 8.7 mm

0 dB = 45.94 V/m = 33.24 dBV/m