

#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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2013/12/18
- 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 = 66.00 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.43 dBV/m	Grid 2 M4 37.9 dBV/m	Grid 3 M4 37.61 dBV/m
Grid 4 M4 37.21 dBV/m	Grid 5 M4 37.93 dBV/m	Grid 6 M4 37.61 dBV/m
Grid 7 M4 36.9 dBV/m	Grid 8 M4 37.52 dBV/m	Grid 9 M4 37.27 dBV/m

Cursor:

Total = 37.93 dBV/m

E Category: M4

Location: -4, -5, 8.7 mm



0 dB = 78.76 V/m = 37.93 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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2013/12/18
- 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 = 70.94 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 38.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 38.24 dBV/m	Grid 2 M4 38.7 dBV/m	Grid 3 M4 38.43 dBV/m
Grid 4 M4 37.84 dBV/m	Grid 5 M4 38.66 dBV/m	Grid 6 M4 38.41 dBV/m
Grid 7 M4 37.45 dBV/m	Grid 8 M4 38.2 dBV/m	Grid 9 M4 37.97 dBV/m

Cursor:

Total = 38.70 dBV/m

E Category: M4

Location: -3, -14.5, 8.7 mm



0 dB = 86.06 V/m = 38.70 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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2013/12/18
- 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 = 63.69 V/m; Power Drift = 0.04 dB
 Applied MIF = 3.63 dB
 RF audio interference level = 37.74 dBV/m

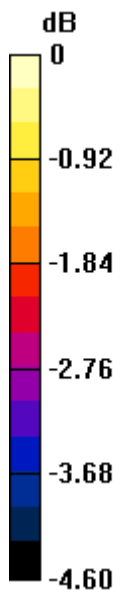
Emission category: M4

MIF scaled E-field

Grid 1 M4 37.08 dBV/m	Grid 2 M4 37.71 dBV/m	Grid 3 M4 37.54 dBV/m
Grid 4 M4 36.76 dBV/m	Grid 5 M4 37.74 dBV/m	Grid 6 M4 37.54 dBV/m
Grid 7 M4 36.44 dBV/m	Grid 8 M4 37.4 dBV/m	Grid 9 M4 37.24 dBV/m

Cursor:

Total = 37.74 dBV/m
 E Category: M4
 Location: -4, -1, 8.7 mm



0 dB = 77.11 V/m = 37.74 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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2013/12/18
- 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 = 26.88 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.56 dBV/m

Emission category: M3

MIF scaled E-field

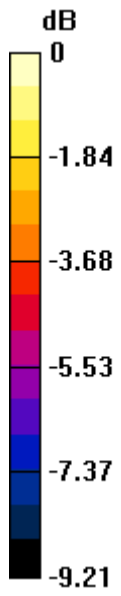
Grid 1 M4 26.98 dBV/m	Grid 2 M3 31.6 dBV/m	Grid 3 M3 31.6 dBV/m
Grid 4 M4 26.86 dBV/m	Grid 5 M3 31.56 dBV/m	Grid 6 M3 31.57 dBV/m
Grid 7 M4 29.7 dBV/m	Grid 8 M3 30.47 dBV/m	Grid 9 M3 30.48 dBV/m

Cursor:

Total = 31.60 dBV/m

E Category: M3

Location: -9, -12, 8.7 mm



0 dB = 38.01 V/m = 31.60 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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2013/12/18
- 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 = 31.86 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.98 dBV/m

Emission category: M3

MIF scaled E-field

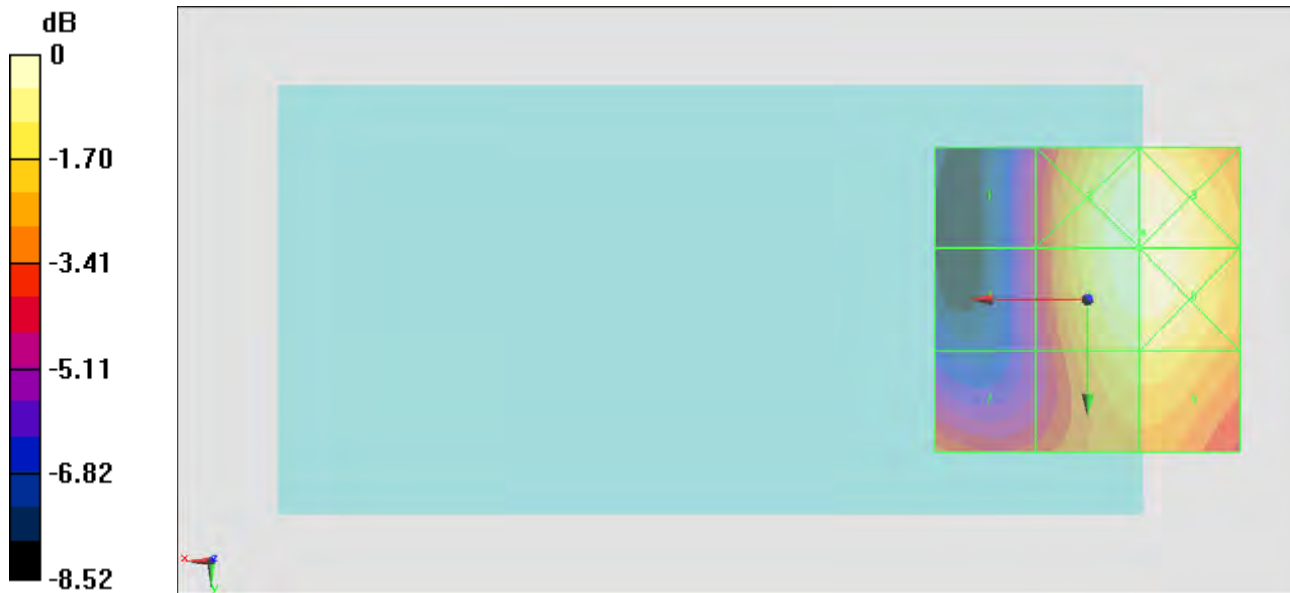
Grid 1 M4 28.65 dBV/m	Grid 2 M3 33 dBV/m	Grid 3 M3 33.01 dBV/m
Grid 4 M4 28.57 dBV/m	Grid 5 M3 32.98 dBV/m	Grid 6 M3 32.99 dBV/m
Grid 7 M4 29.95 dBV/m	Grid 8 M3 31.89 dBV/m	Grid 9 M3 31.91 dBV/m

Cursor:

Total = 33.01 dBV/m

E Category: M3

Location: -9, -11, 8.7 mm



0 dB = 44.70 V/m = 33.01 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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2013/12/18
- 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 = 33.21 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.18 dBV/m

Emission category: M3

MIF scaled E-field

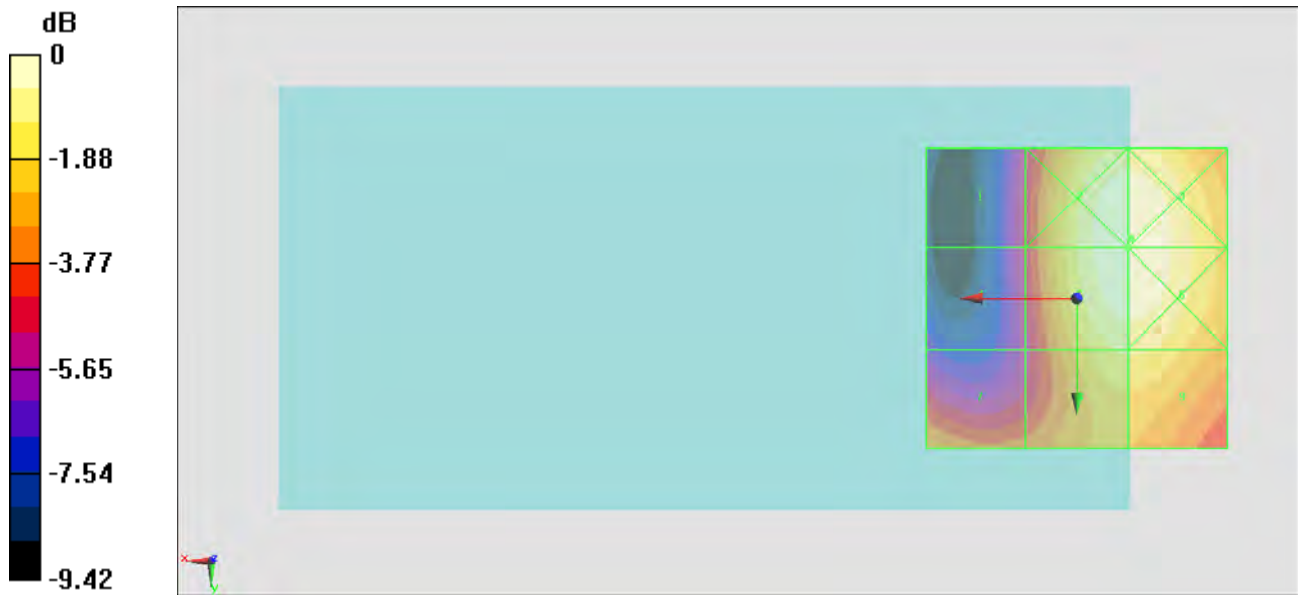
Grid 1 M4 28.5 dBV/m	Grid 2 M3 33.19 dBV/m	Grid 3 M3 33.19 dBV/m
Grid 4 M4 28.45 dBV/m	Grid 5 M3 33.18 dBV/m	Grid 6 M3 33.19 dBV/m
Grid 7 M3 30.66 dBV/m	Grid 8 M3 32.05 dBV/m	Grid 9 M3 32.06 dBV/m

Cursor:

Total = 33.19 dBV/m

E Category: M3

Location: -9, -10, 8.7 mm



0 dB = 45.68 V/m = 33.19 dBV/m