

#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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 53.58 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.21 dBV/m	Grid 2 M4 36.7 dBV/m	Grid 3 M4 36.19 dBV/m
Grid 4 M4 35.66 dBV/m	Grid 5 M4 36.24 dBV/m	Grid 6 M4 35.92 dBV/m
Grid 7 M4 35.2 dBV/m	Grid 8 M4 35.69 dBV/m	Grid 9 M4 35.15 dBV/m

Cursor:

Total = 36.70 dBV/m

E Category: M4

Location: 0, -25, 8.7 mm



#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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 56.06 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.60 dBV/m

Emission category: M4

MIF scaled E-field

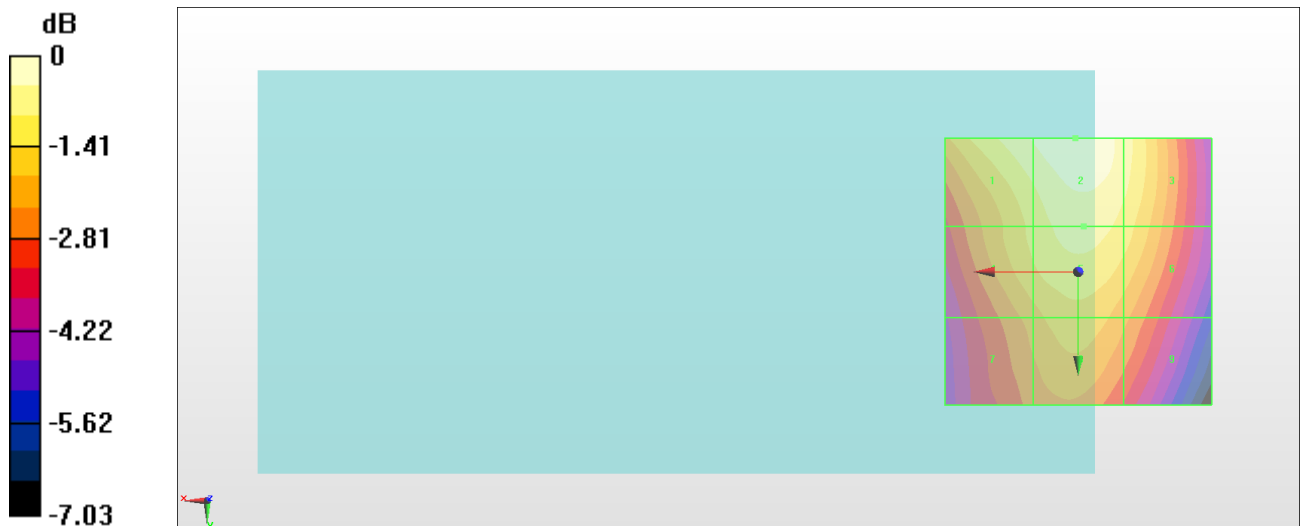
Grid 1 M4 37.18 dBV/m	Grid 2 M4 37.6 dBV/m	Grid 3 M4 36.95 dBV/m
Grid 4 M4 36.34 dBV/m	Grid 5 M4 36.86 dBV/m	Grid 6 M4 36.46 dBV/m
Grid 7 M4 35.52 dBV/m	Grid 8 M4 36.02 dBV/m	Grid 9 M4 35.42 dBV/m

Cursor:

Total = 37.60 dBV/m

E Category: M4

Location: 0.5, -25, 8.7 mm



0 dB = 75.84 V/m = 37.60 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: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 51.65 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.74 dBV/m

Emission category: M4

MIF scaled E-field

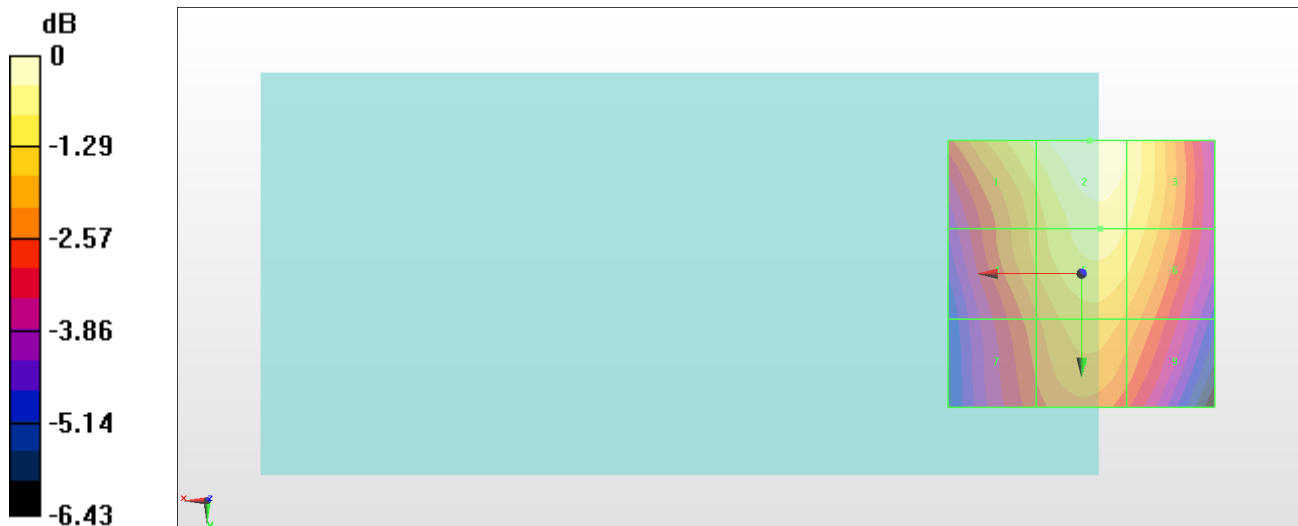
Grid 1 M4 36.06 dBV/m	Grid 2 M4 36.74 dBV/m	Grid 3 M4 36.3 dBV/m
Grid 4 M4 35.22 dBV/m	Grid 5 M4 36.12 dBV/m	Grid 6 M4 35.88 dBV/m
Grid 7 M4 34.53 dBV/m	Grid 8 M4 35.3 dBV/m	Grid 9 M4 34.94 dBV/m

Cursor:

Total = 36.74 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



0 dB = 68.74 V/m = 36.74 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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 5.170 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.93 dBV/m

Emission category: M4

MIF scaled E-field

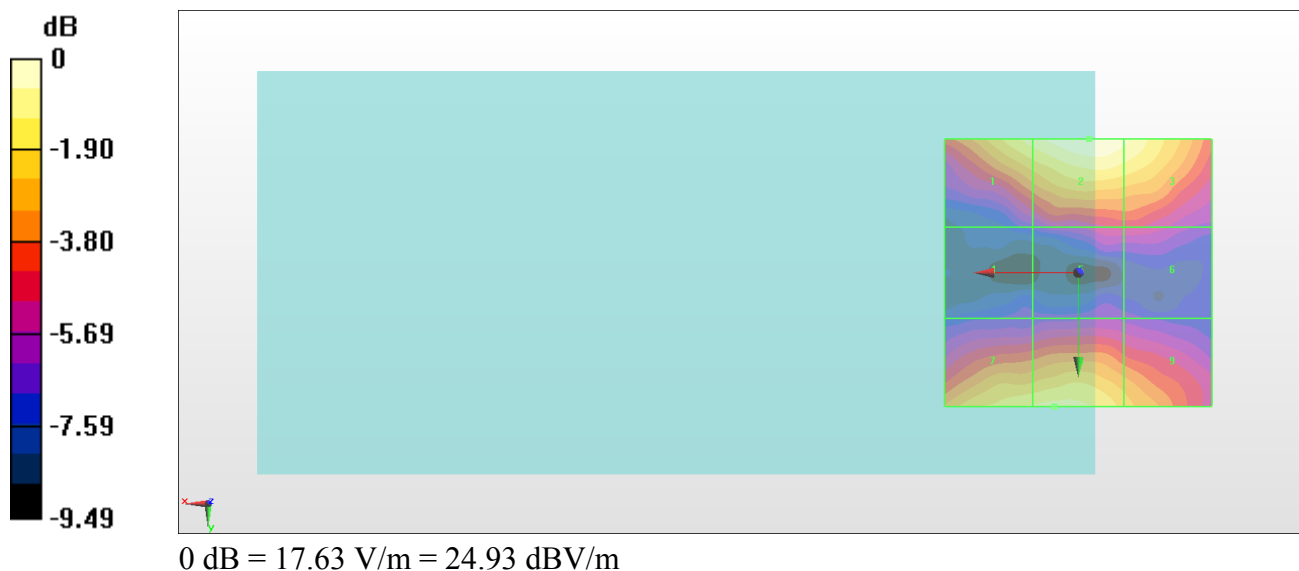
Grid 1 M4 24.03 dBV/m	Grid 2 M4 24.93 dBV/m	Grid 3 M4 24.46 dBV/m
Grid 4 M4 18.25 dBV/m	Grid 5 M4 19.98 dBV/m	Grid 6 M4 19.98 dBV/m
Grid 7 M4 23.76 dBV/m	Grid 8 M4 23.91 dBV/m	Grid 9 M4 22.76 dBV/m

Cursor:

Total = 24.93 dBV/m

E Category: M4

Location: -2, -25, 8.7 mm



#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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 5.139 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.32 dBV/m

Emission category: M4

MIF scaled E-field

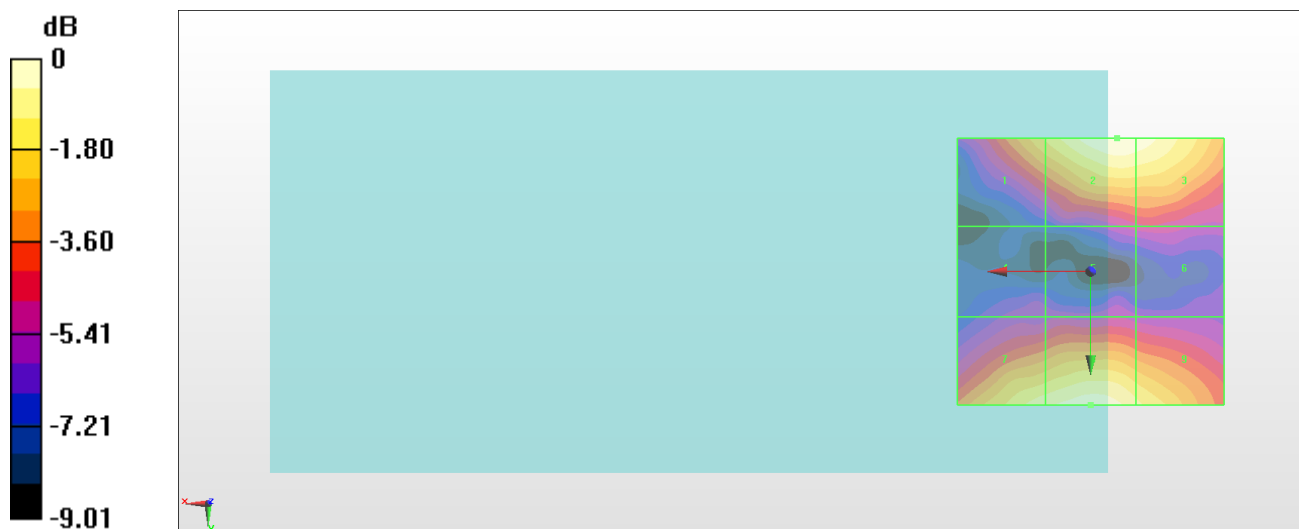
Grid 1 M4 23.63 dBV/m	Grid 2 M4 25.32 dBV/m	Grid 3 M4 25.15 dBV/m
Grid 4 M4 19.75 dBV/m	Grid 5 M4 20.3 dBV/m	Grid 6 M4 20.46 dBV/m
Grid 7 M4 24.61 dBV/m	Grid 8 M4 25.11 dBV/m	Grid 9 M4 24.32 dBV/m

Cursor:

Total = 25.32 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 18.45 V/m = 25.32 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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 5.877 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.8 dBV/m	Grid 2 M4 25.3 dBV/m	Grid 3 M4 25.1 dBV/m
Grid 4 M4 21.51 dBV/m	Grid 5 M4 21.64 dBV/m	Grid 6 M4 20.97 dBV/m
Grid 7 M4 26.03 dBV/m	Grid 8 M4 26.33 dBV/m	Grid 9 M4 25.2 dBV/m

Cursor:

Total = 26.33 dBV/m

E Category: M4

Location: 2, 25, 8.7 mm

