

#01_HAC_E_GSM850_Voice_Ch128

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.69961

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.8 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 38.80 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.71 dBV/m

Emission category: M4

MIF scaled E-field

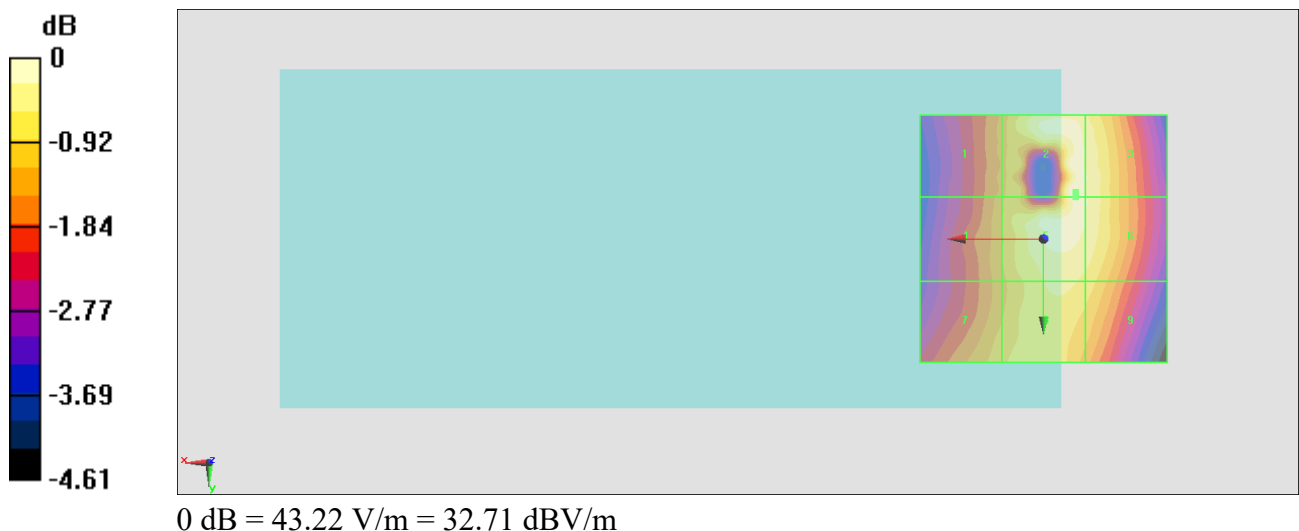
Grid 1 M4 31.37 dBV/m	Grid 2 M4 32.71 dBV/m	Grid 3 M4 32.46 dBV/m
Grid 4 M4 31.47 dBV/m	Grid 5 M4 32.63 dBV/m	Grid 6 M4 32.46 dBV/m
Grid 7 M4 31.7 dBV/m	Grid 8 M4 32.19 dBV/m	Grid 9 M4 32.01 dBV/m

Cursor:

Total = 32.71 dBV/m

E Category: M4

Location: -6.5, -9.5, 8.7 mm



#02_HAC_E_GSM850_Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.69961

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.8 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 38.81 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.70 dBV/m

Emission category: M4

MIF scaled E-field

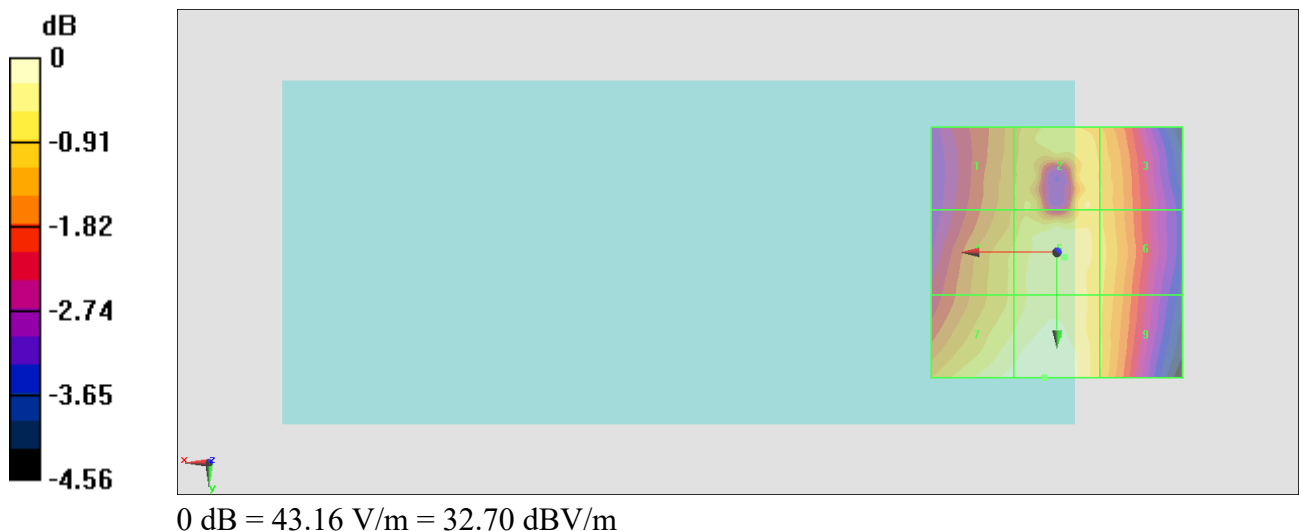
Grid 1 M4 31.54 dBV/m	Grid 2 M4 32.12 dBV/m	Grid 3 M4 31.85 dBV/m
Grid 4 M4 31.9 dBV/m	Grid 5 M4 32.36 dBV/m	Grid 6 M4 31.95 dBV/m
Grid 7 M4 32.54 dBV/m	Grid 8 M4 32.7 dBV/m	Grid 9 M4 31.88 dBV/m

Cursor:

Total = 32.70 dBV/m

E Category: M4

Location: 2.5, 25, 8.7 mm



#03_HAC_E_GSM850_Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.69961

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.8 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 40.12 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.28 dBV/m

Emission category: M4

MIF scaled E-field

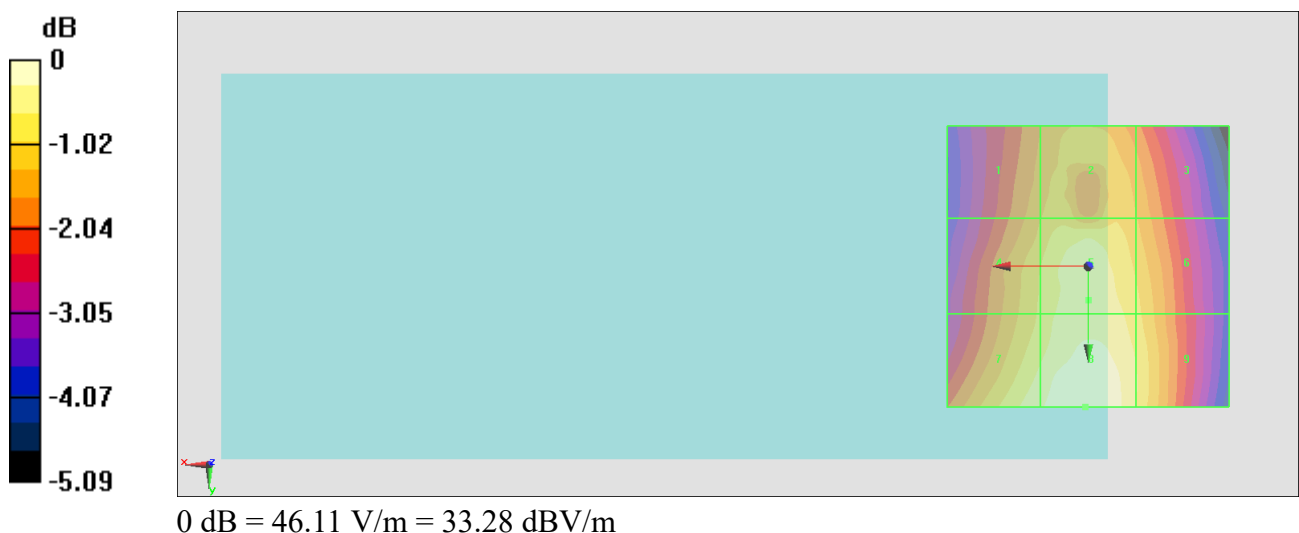
Grid 1 M4 31.91 dBV/m	Grid 2 M4 32.26 dBV/m	Grid 3 M4 31.95 dBV/m
Grid 4 M4 32.34 dBV/m	Grid 5 M4 32.84 dBV/m	Grid 6 M4 32.38 dBV/m
Grid 7 M4 32.9 dBV/m	Grid 8 M4 33.28 dBV/m	Grid 9 M4 32.63 dBV/m

Cursor:

Total = 33.28 dBV/m

E Category: M4

Location: 0.5, 25, 8.7 mm



#04_HAC_E_GSM1900_Voice_Ch512

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69961

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.8 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 5.562 V/m; Power Drift = 0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.43 dBV/m

Emission category: M4

MIF scaled E-field

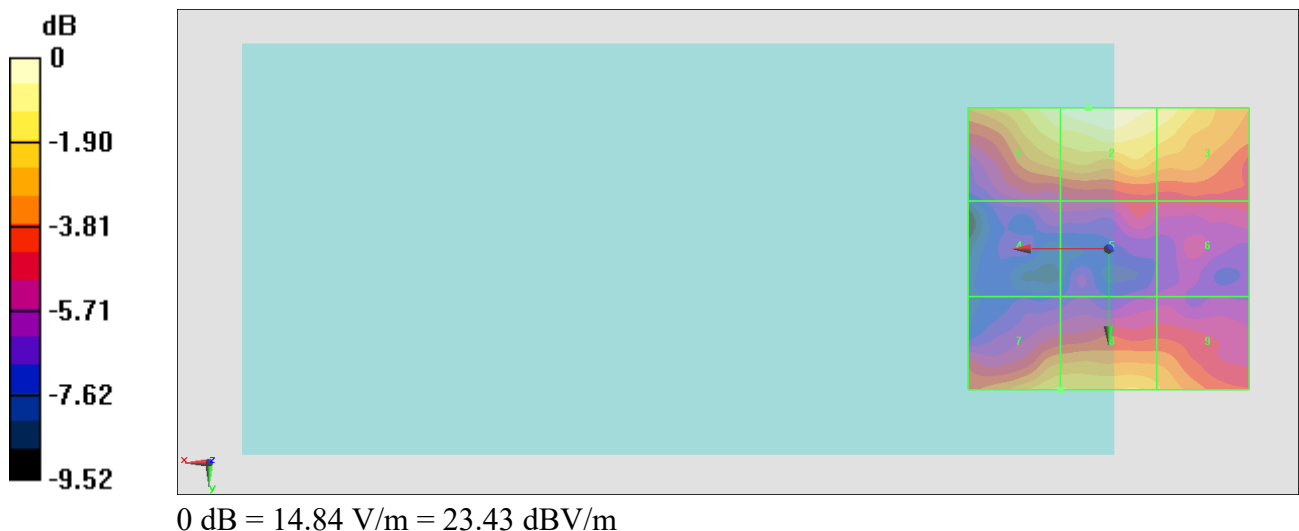
Grid 1 M4 22.94 dBV/m	Grid 2 M4 23.43 dBV/m	Grid 3 M4 22.86 dBV/m
Grid 4 M4 18.12 dBV/m	Grid 5 M4 18.75 dBV/m	Grid 6 M4 18.72 dBV/m
Grid 7 M4 21.66 dBV/m	Grid 8 M4 21.66 dBV/m	Grid 9 M4 21.07 dBV/m

Cursor:

Total = 23.43 dBV/m

E Category: M4

Location: 3.5, -25, 8.7 mm



#05_HAC_E_GSM1900_Voice_Ch661

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.8 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 5.296 V/m; Power Drift = 0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.07 dBV/m

Emission category: M4

MIF scaled E-field

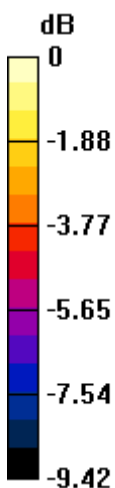
Grid 1 M4 22.72 dBV/m	Grid 2 M4 23.07 dBV/m	Grid 3 M4 22.55 dBV/m
Grid 4 M4 17.64 dBV/m	Grid 5 M4 17.86 dBV/m	Grid 6 M4 18.5 dBV/m
Grid 7 M4 21.65 dBV/m	Grid 8 M4 21.58 dBV/m	Grid 9 M4 20.65 dBV/m

Cursor:

Total = 23.07 dBV/m

E Category: M4

Location: 4, -25, 8.7 mm



0 dB = 14.23 V/m = 23.06 dBV/m

#06_HAC_E_GSM1900_Voice_Ch810

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69961

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.8 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 5.439 V/m; Power Drift = 0.15 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.18 dBV/m	Grid 2 M4 22.57 dBV/m	Grid 3 M4 21.97 dBV/m
Grid 4 M4 17.04 dBV/m	Grid 5 M4 18.61 dBV/m	Grid 6 M4 19.2 dBV/m
Grid 7 M4 20.19 dBV/m	Grid 8 M4 20.65 dBV/m	Grid 9 M4 20.01 dBV/m

Cursor:

Total = 22.57 dBV/m

E Category: M4

Location: 1, -25, 8.7 mm

