

#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 : 23.6 °C

DASY5 Configuration

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn495; Calibrated: 2020/7/21

- 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 = 47.53 V/m; Power Drift = -0.16 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.98 dBV/m

Emission category: M4

MIF scaled E-field

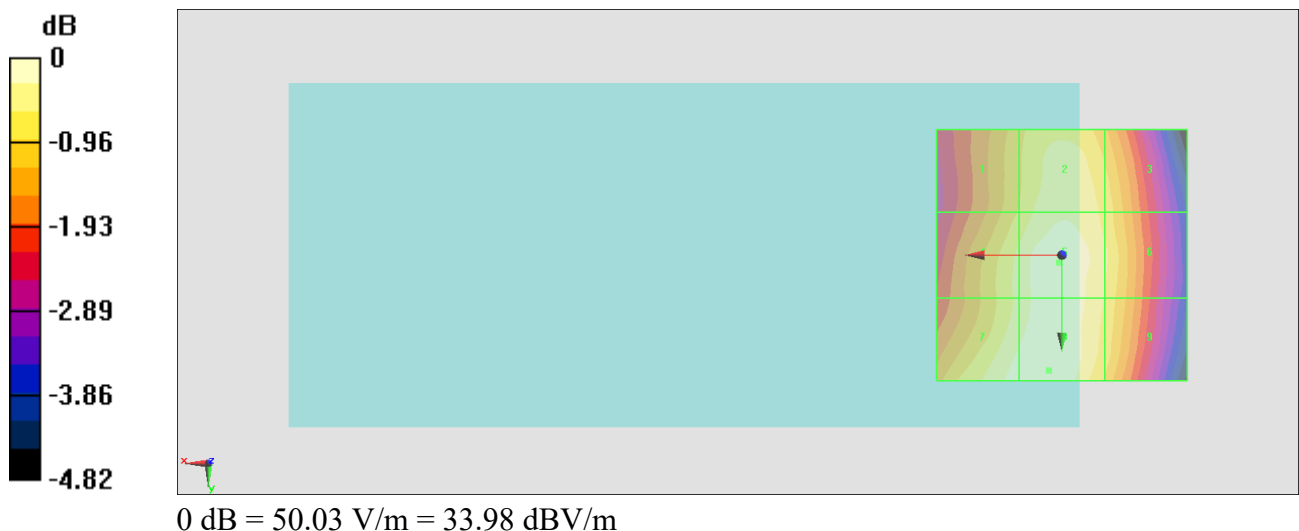
Grid 1 M4 33.07 dBV/m	Grid 2 M4 33.62 dBV/m	Grid 3 M4 33.25 dBV/m
Grid 4 M4 33.48 dBV/m	Grid 5 M4 33.9 dBV/m	Grid 6 M4 33.43 dBV/m
Grid 7 M4 33.83 dBV/m	Grid 8 M4 33.98 dBV/m	Grid 9 M4 33.33 dBV/m

Cursor:

Total = 33.98 dBV/m

E Category: M4

Location: 2.5, 23, 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 : 23.6 °C

DASY5 Configuration

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn495; Calibrated: 2020/7/21

- 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 = 48.57 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.33 dBV/m

Emission category: M4

MIF scaled E-field

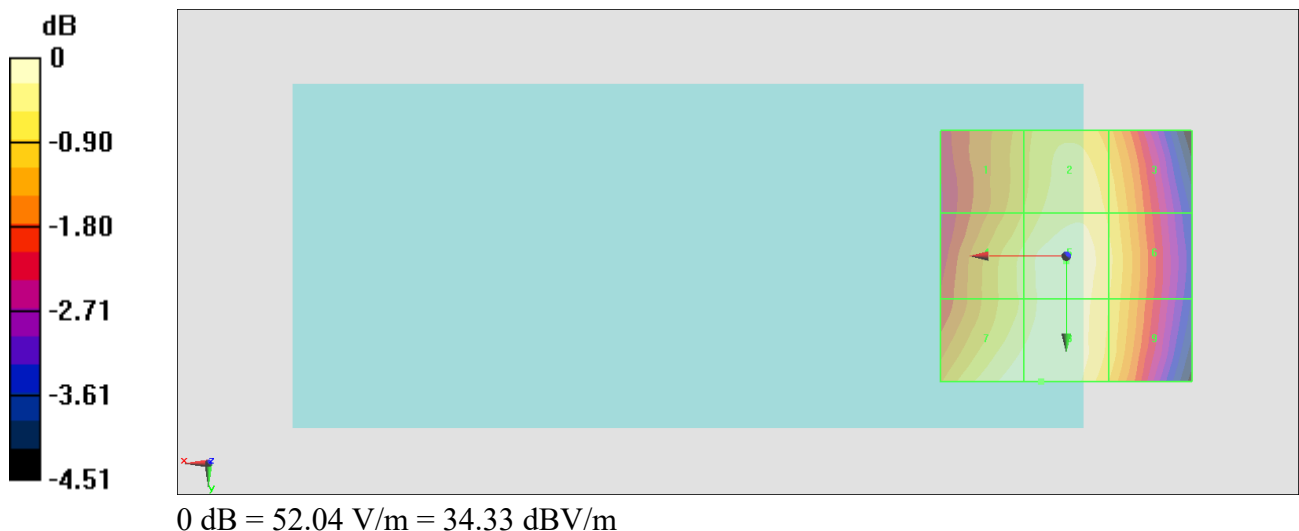
Grid 1 M4 33.45 dBV/m	Grid 2 M4 33.98 dBV/m	Grid 3 M4 33.67 dBV/m
Grid 4 M4 33.85 dBV/m	Grid 5 M4 34.24 dBV/m	Grid 6 M4 33.81 dBV/m
Grid 7 M4 34.26 dBV/m	Grid 8 M4 34.33 dBV/m	Grid 9 M4 33.74 dBV/m

Cursor:

Total = 34.33 dBV/m

E Category: M4

Location: 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 : 23.6 °C

DASY5 Configuration

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn495; Calibrated: 2020/7/21

- 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 = 48.42 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.32 dBV/m

Emission category: M4

MIF scaled E-field

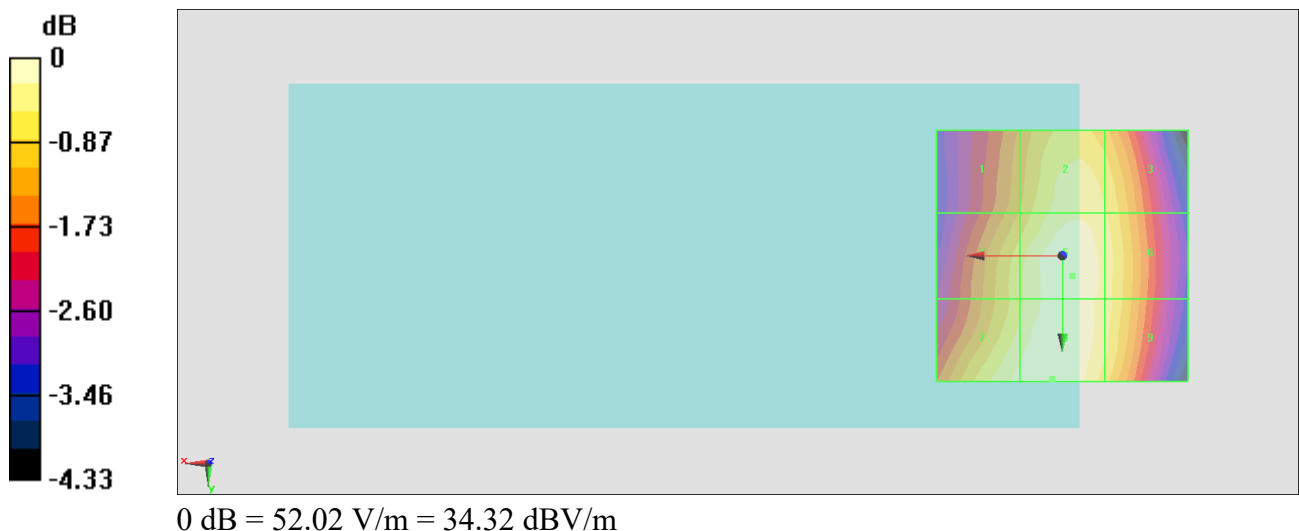
Grid 1 M4 33.2 dBV/m	Grid 2 M4 33.99 dBV/m	Grid 3 M4 33.78 dBV/m
Grid 4 M4 33.69 dBV/m	Grid 5 M4 34.25 dBV/m	Grid 6 M4 33.92 dBV/m
Grid 7 M4 34.14 dBV/m	Grid 8 M4 34.32 dBV/m	Grid 9 M4 33.9 dBV/m

Cursor:

Total = 34.32 dBV/m

E Category: M4

Location: 2, 24.5, 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 10.07 V/m; Power Drift = -0.15 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.43 dBV/m

Emission category: M4

MIF scaled E-field

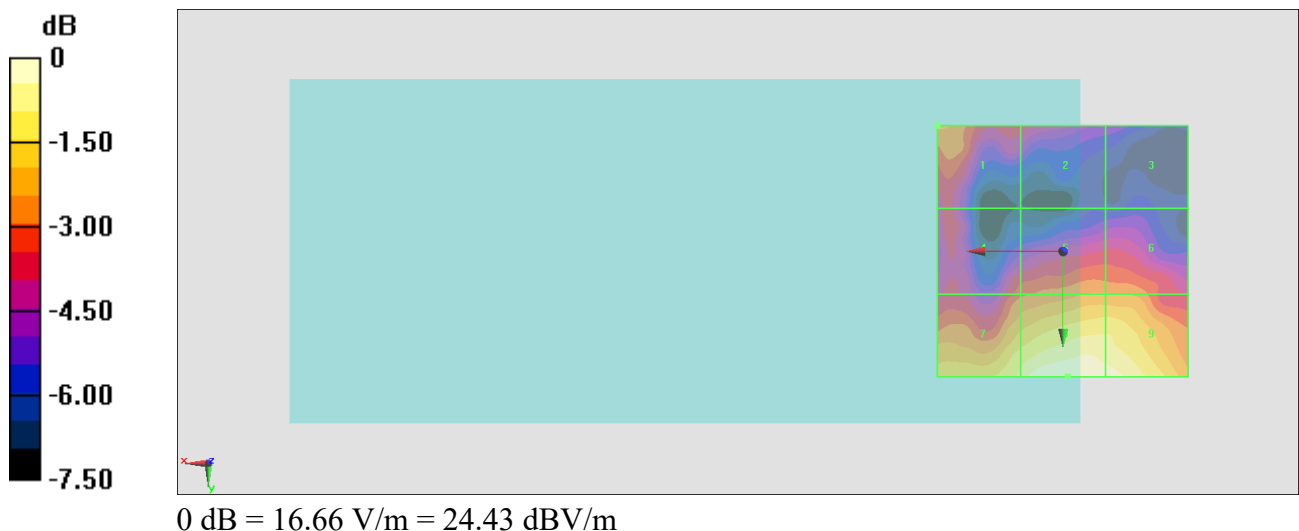
Grid 1 M4 22.03 dBV/m	Grid 2 M4 20.78 dBV/m	Grid 3 M4 19.54 dBV/m
Grid 4 M4 21.29 dBV/m	Grid 5 M4 22 dBV/m	Grid 6 M4 22 dBV/m
Grid 7 M4 23.59 dBV/m	Grid 8 M4 24.43 dBV/m	Grid 9 M4 24.26 dBV/m

Cursor:

Total = 24.43 dBV/m

E Category: M4

Location: -1, 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 9.952 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.99 dBV/m

Emission category: M4

MIF scaled E-field

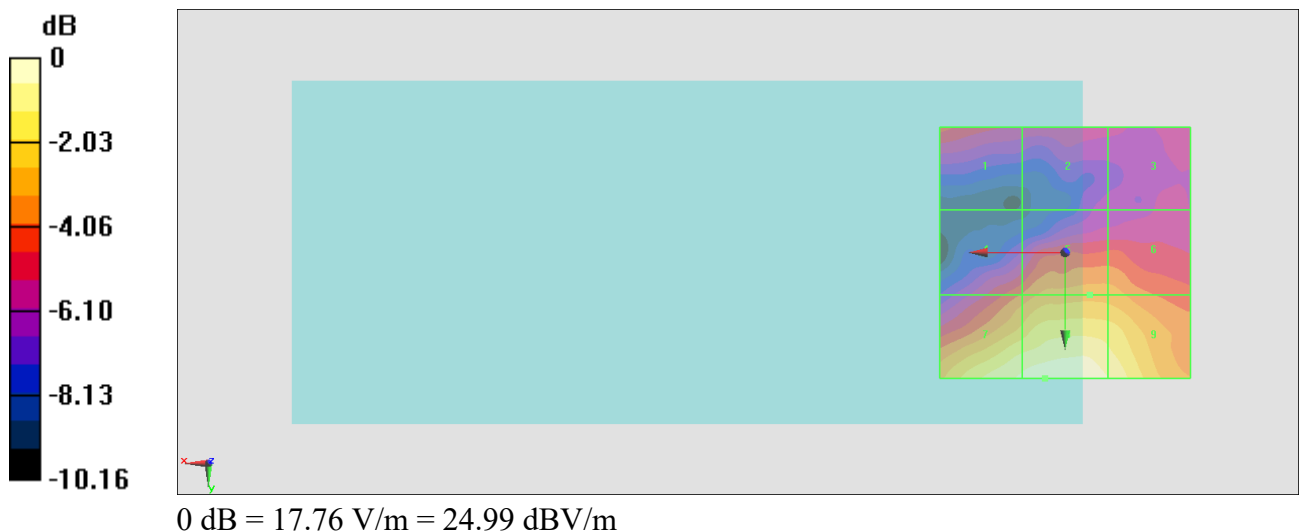
Grid 1 M4 20.62 dBV/m	Grid 2 M4 19.54 dBV/m	Grid 3 M4 19.26 dBV/m
Grid 4 M4 21.07 dBV/m	Grid 5 M4 22.05 dBV/m	Grid 6 M4 21.99 dBV/m
Grid 7 M4 24.51 dBV/m	Grid 8 M4 24.99 dBV/m	Grid 9 M4 24.35 dBV/m

Cursor:

Total = 24.99 dBV/m

E Category: M4

Location: 4, 25, 8.7 mm



#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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- 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 = 10.58 V/m; Power Drift = 0.11 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.21 dBV/m	Grid 2 M4 21.14 dBV/m	Grid 3 M4 19.44 dBV/m
Grid 4 M4 21.29 dBV/m	Grid 5 M4 22.79 dBV/m	Grid 6 M4 22.68 dBV/m
Grid 7 M4 23.8 dBV/m	Grid 8 M4 24.92 dBV/m	Grid 9 M4 24.51 dBV/m

Cursor:

Total = 24.92 dBV/m

E Category: M4

Location: -0.5, 25, 8.7 mm

