

#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 : 23.7 °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 = 42.11 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.36 dBV/m

Emission category: M4

MIF scaled E-field

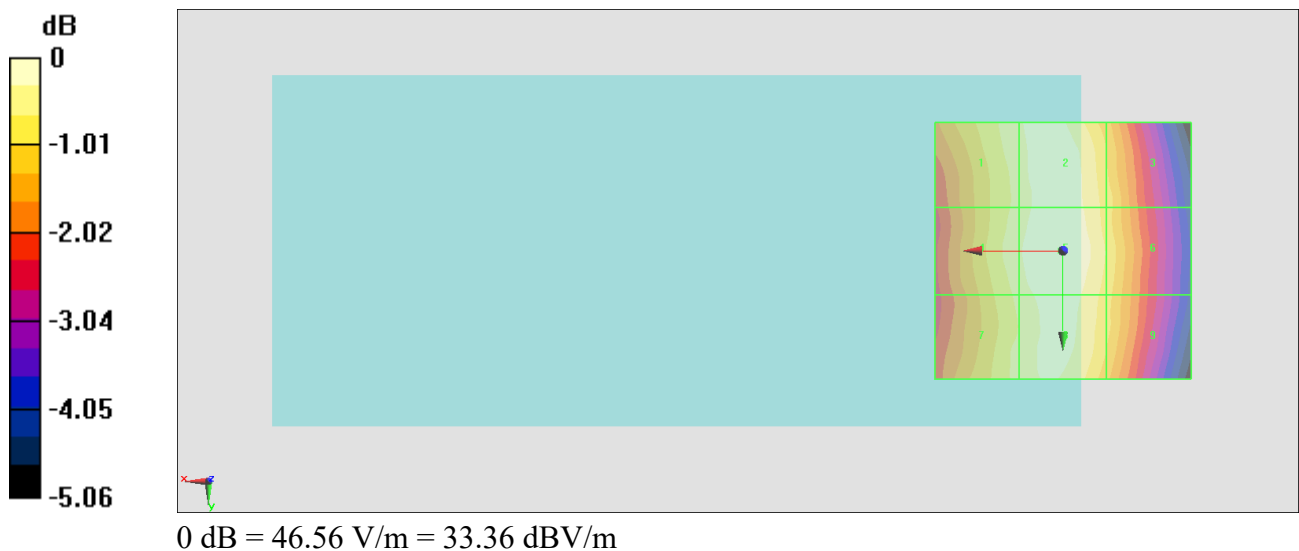
Grid 1 M4 32.97 dBV/m	Grid 2 M4 33.25 dBV/m	Grid 3 M4 32.54 dBV/m
Grid 4 M4 32.99 dBV/m	Grid 5 M4 33.36 dBV/m	Grid 6 M4 32.65 dBV/m
Grid 7 M4 32.83 dBV/m	Grid 8 M4 33.19 dBV/m	Grid 9 M4 32.51 dBV/m

Cursor:

Total = 33.36 dBV/m

E Category: M4

Location: 0.5, 0, 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 : 23.7 °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 = 42.09 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.51 dBV/m

Emission category: M4

MIF scaled E-field

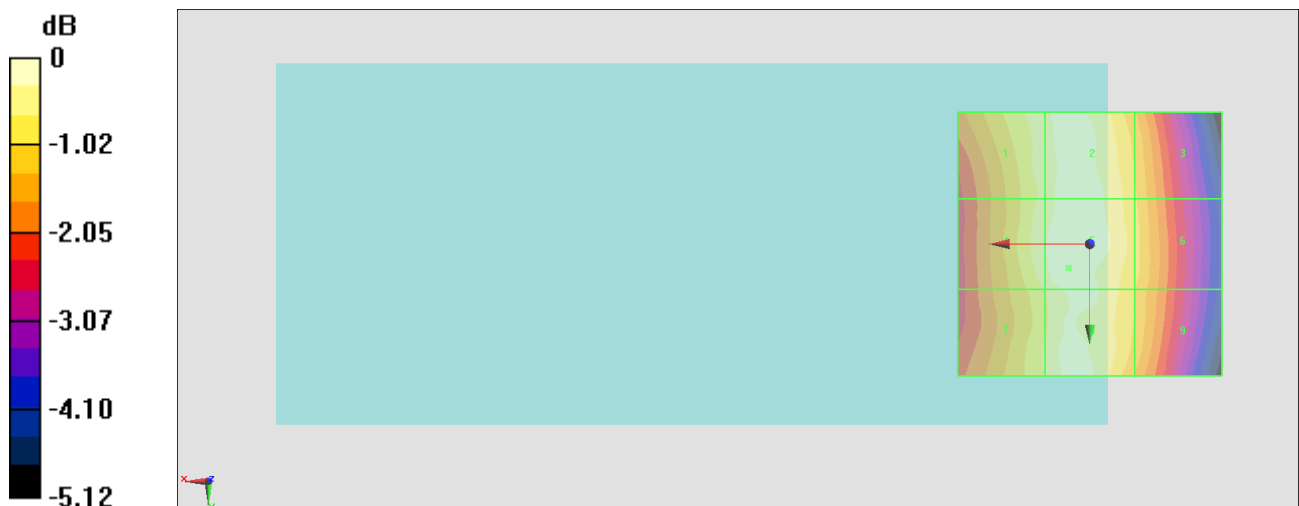
Grid 1 M4 33.09 dBV/m	Grid 2 M4 33.33 dBV/m	Grid 3 M4 32.55 dBV/m
Grid 4 M4 33.14 dBV/m	Grid 5 M4 33.51 dBV/m	Grid 6 M4 32.63 dBV/m
Grid 7 M4 32.88 dBV/m	Grid 8 M4 33.29 dBV/m	Grid 9 M4 32.5 dBV/m

Cursor:

Total = 33.51 dBV/m

E Category: M4

Location: 4, 4.5, 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 : 23.7 °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 = 45.78 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.04 dBV/m

Emission category: M4

MIF scaled E-field

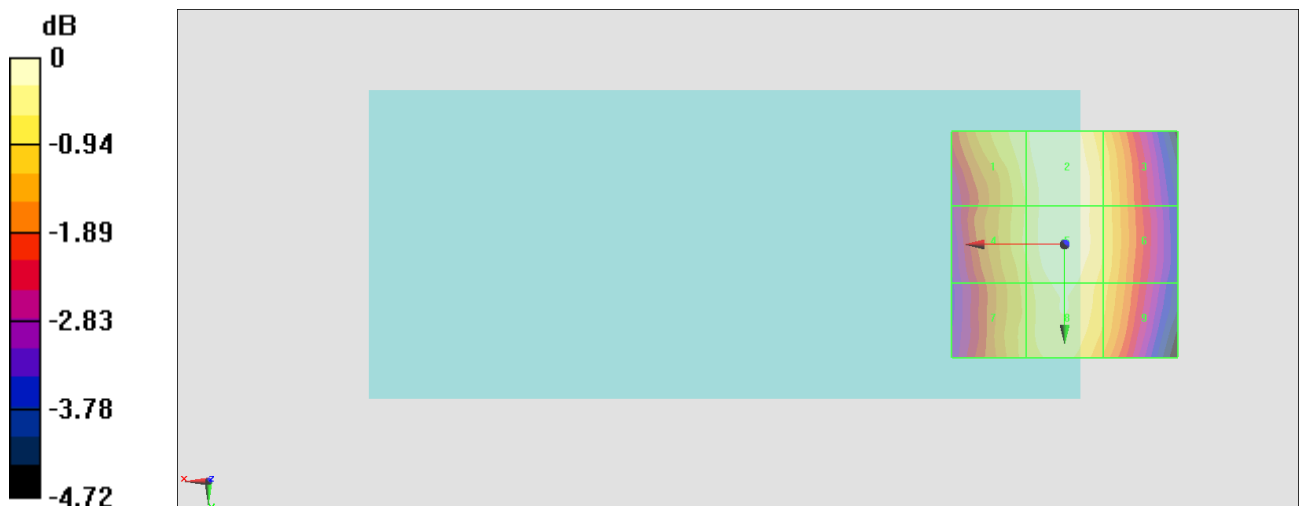
Grid 1 M4 33.68 dBV/m	Grid 2 M4 34.03 dBV/m	Grid 3 M4 33.41 dBV/m
Grid 4 M4 33.5 dBV/m	Grid 5 M4 34.04 dBV/m	Grid 6 M4 33.43 dBV/m
Grid 7 M4 33.28 dBV/m	Grid 8 M4 33.79 dBV/m	Grid 9 M4 33.26 dBV/m

Cursor:

Total = 34.04 dBV/m

E Category: M4

Location: 0, -0.5, 8.7 mm



0 dB = 50.36 V/m = 34.04 dBV/m

#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 : 23.7 °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 = 8.730 V/m; Power Drift = 0.16 dB

Applied MIF = 3.63 dB

RF audio interference level = 21.63 dBV/m

Emission category: M4

MIF scaled E-field

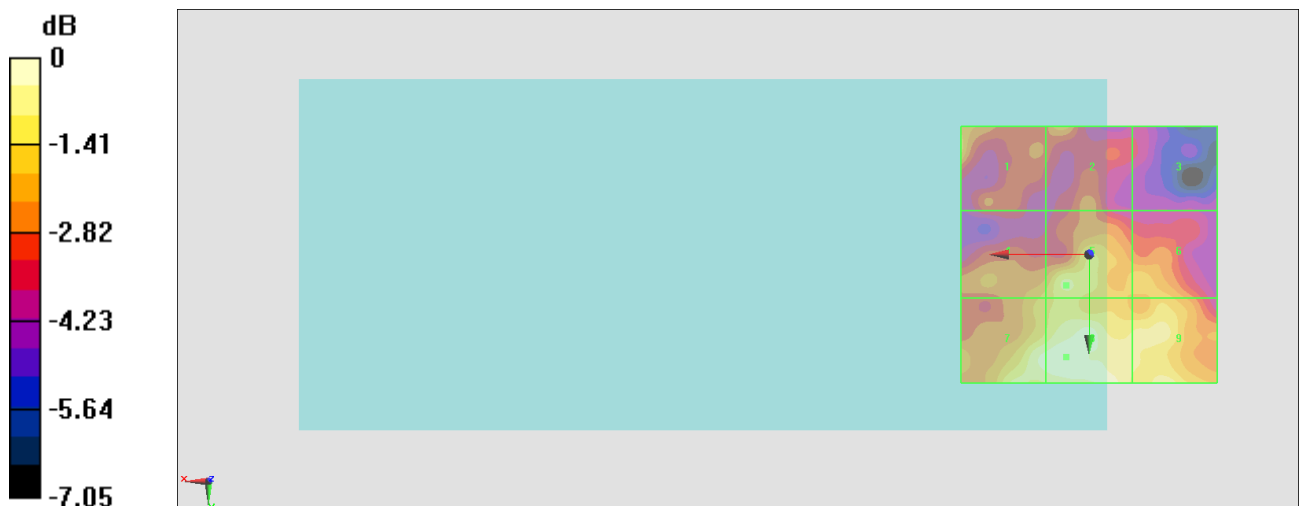
Grid 1 M4 20.08 dBV/m	Grid 2 M4 19.66 dBV/m	Grid 3 M4 18.03 dBV/m
Grid 4 M4 19.95 dBV/m	Grid 5 M4 20.85 dBV/m	Grid 6 M4 20.2 dBV/m
Grid 7 M4 21.32 dBV/m	Grid 8 M4 21.63 dBV/m	Grid 9 M4 21.06 dBV/m

Cursor:

Total = 21.63 dBV/m

E Category: M4

Location: 4.5, 20, 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 : 23.7 °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 = 8.788 V/m; Power Drift = 0.19 dB

Applied MIF = 3.63 dB

RF audio interference level = 21.98 dBV/m

Emission category: M4

MIF scaled E-field

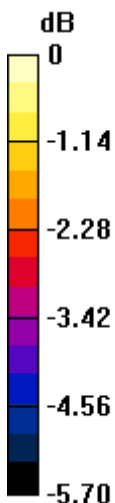
Grid 1 M4 20.34 dBV/m	Grid 2 M4 20.71 dBV/m	Grid 3 M4 18.96 dBV/m
Grid 4 M4 20.04 dBV/m	Grid 5 M4 21.44 dBV/m	Grid 6 M4 20.09 dBV/m
Grid 7 M4 21.41 dBV/m	Grid 8 M4 21.98 dBV/m	Grid 9 M4 21.05 dBV/m

Cursor:

Total = 21.98 dBV/m

E Category: M4

Location: 4.5, 20, 8.7 mm



0 dB = 12.56 V/m = 21.98 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 : 23.7 °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 = 9.303 V/m; Power Drift = 0.41 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.42 dBV/m

Emission category: M4

MIF scaled E-field

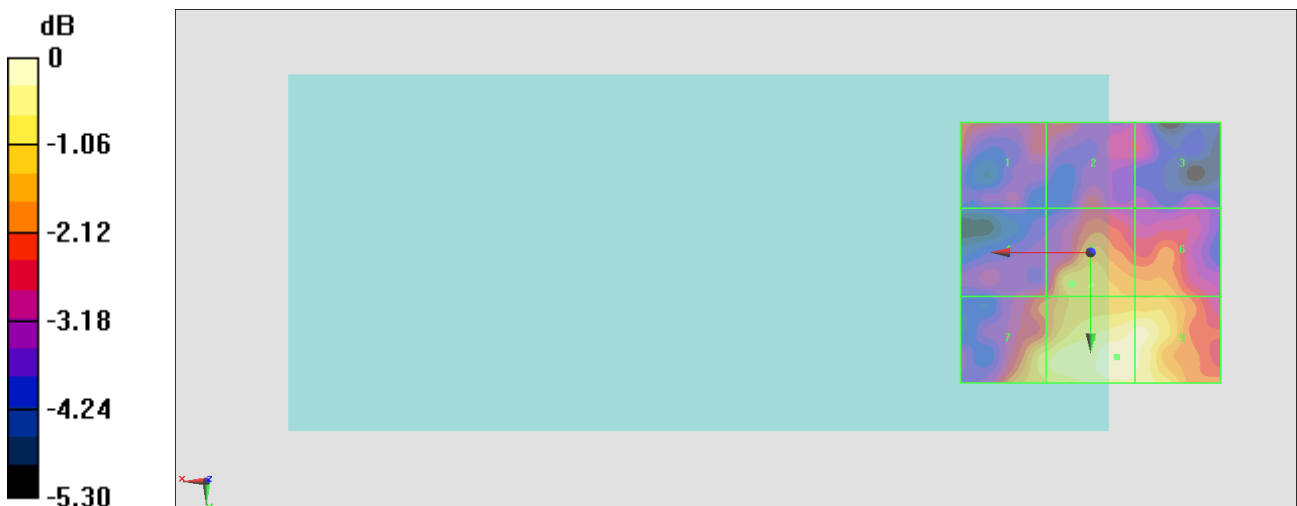
Grid 1 M4 20.35 dBV/m	Grid 2 M4 20.09 dBV/m	Grid 3 M4 19.65 dBV/m
Grid 4 M4 20.14 dBV/m	Grid 5 M4 21.38 dBV/m	Grid 6 M4 21.07 dBV/m
Grid 7 M4 21.68 dBV/m	Grid 8 M4 22.42 dBV/m	Grid 9 M4 22.23 dBV/m

Cursor:

Total = 22.42 dBV/m

E Category: M4

Location: -5, 20, 8.7 mm



0 dB = 13.21 V/m = 22.42 dBV/m