

#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 : 23.5 °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: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 74.34 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.80 dBV/m

Emission category: M4

MIF scaled E-field

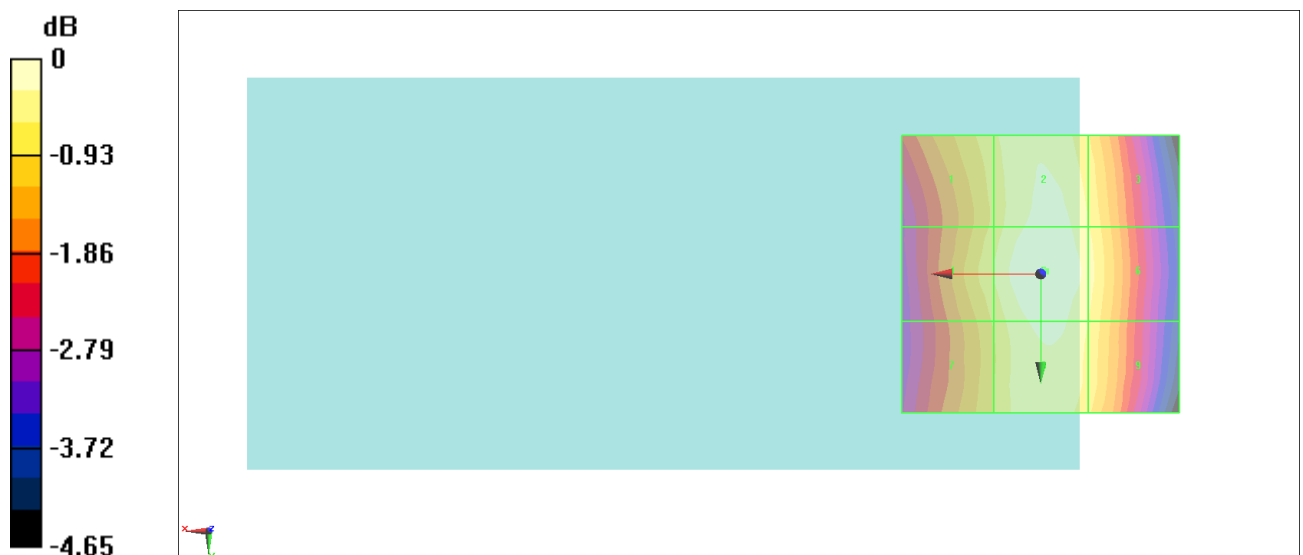
Grid 1 M4 37.12 dBV/m	Grid 2 M4 37.61 dBV/m	Grid 3 M4 37.22 dBV/m
Grid 4 M4 37.19 dBV/m	Grid 5 M4 37.8 dBV/m	Grid 6 M4 37.35 dBV/m
Grid 7 M4 36.92 dBV/m	Grid 8 M4 37.57 dBV/m	Grid 9 M4 37.19 dBV/m

Cursor:

Total = 37.80 dBV/m

E Category: M4

Location: -1, -0.5, 8.7 mm



0 dB = 77.65 V/m = 37.80 dBV/m

#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 : 23.5 °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: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 73.18 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.73 dBV/m

Emission category: M4

MIF scaled E-field

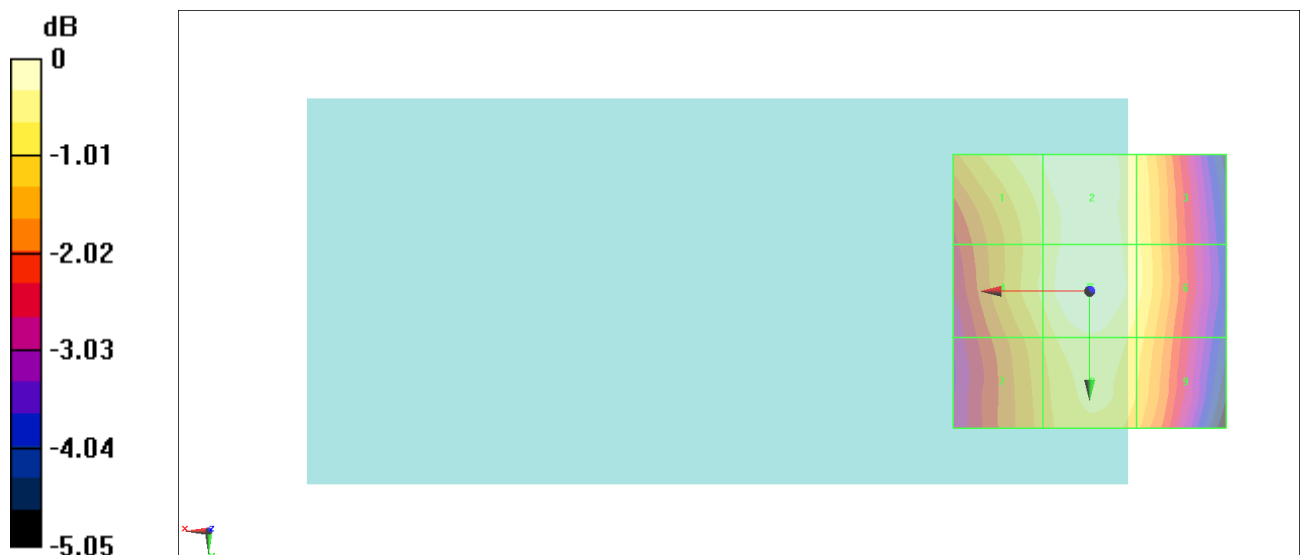
Grid 1 M4 37.47 dBV/m	Grid 2 M4 37.72 dBV/m	Grid 3 M4 37.15 dBV/m
Grid 4 M4 37.16 dBV/m	Grid 5 M4 37.73 dBV/m	Grid 6 M4 37.21 dBV/m
Grid 7 M4 36.78 dBV/m	Grid 8 M4 37.36 dBV/m	Grid 9 M4 36.91 dBV/m

Cursor:

Total = 37.73 dBV/m

E Category: M4

Location: 0, -1, 8.7 mm



0 dB = 77.00 V/m = 37.73 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 : 23.5 °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: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 68.68 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.27 dBV/m

Emission category: M4

MIF scaled E-field

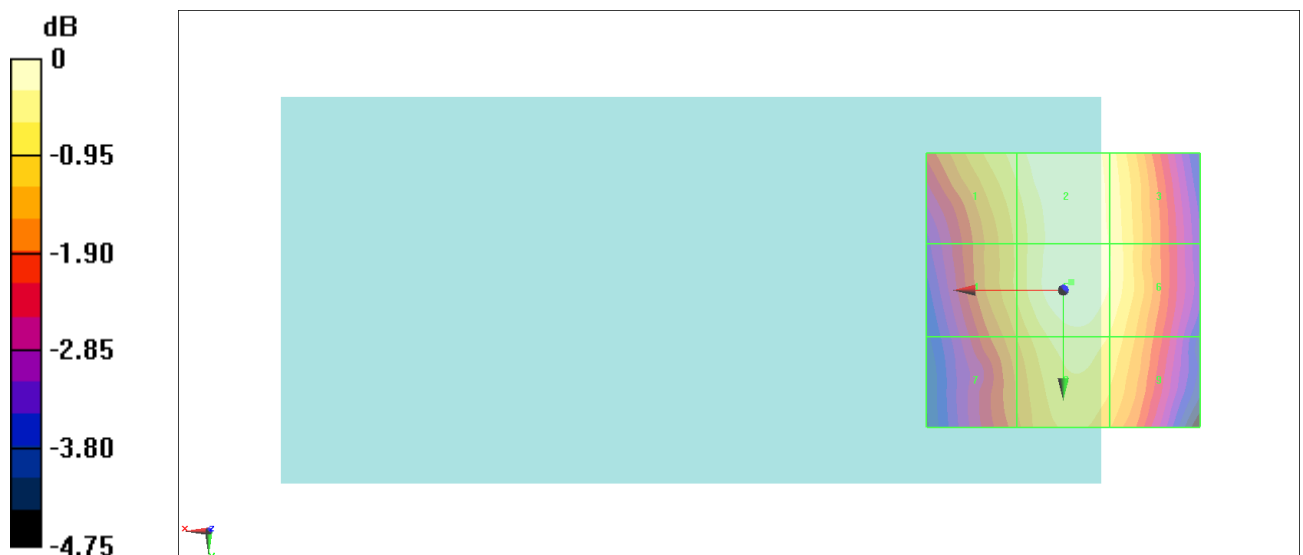
Grid 1 M4 36.8 dBV/m	Grid 2 M4 37.26 dBV/m	Grid 3 M4 36.94 dBV/m
Grid 4 M4 36.41 dBV/m	Grid 5 M4 37.27 dBV/m	Grid 6 M4 36.99 dBV/m
Grid 7 M4 36.03 dBV/m	Grid 8 M4 36.86 dBV/m	Grid 9 M4 36.61 dBV/m

Cursor:

Total = 37.27 dBV/m

E Category: M4

Location: -1.5, -1.5, 8.7 mm



0 dB = 73.05 V/m = 37.27 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 : 23.5 °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: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 25.48 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.26 dBV/m

Emission category: M3

MIF scaled E-field

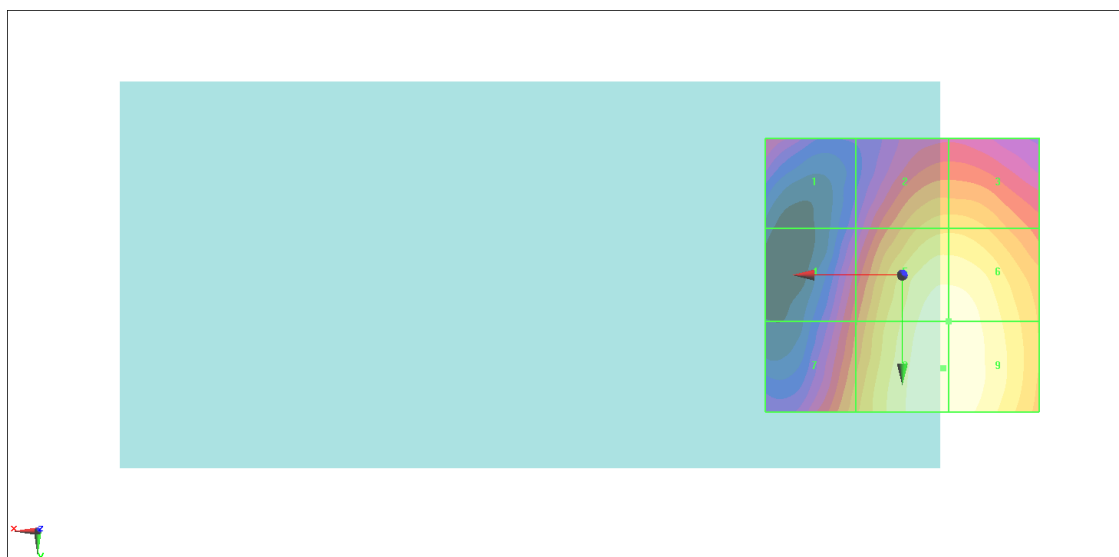
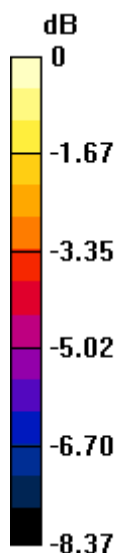
Grid 1 M4 25.99 dBV/m	Grid 2 M4 28.47 dBV/m	Grid 3 M4 28.47 dBV/m
Grid 4 M4 26.8 dBV/m	Grid 5 M3 30.13 dBV/m	Grid 6 M3 30.13 dBV/m
Grid 7 M4 27.9 dBV/m	Grid 8 M3 30.26 dBV/m	Grid 9 M3 30.26 dBV/m

Cursor:

Total = 30.26 dBV/m

E Category: M3

Location: -7.5, 17, 8.7 mm



0 dB = 32.60 V/m = 30.26 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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 29.75 V/m; Power Drift = -0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.32 dBV/m

Emission category: M3

MIF scaled E-field

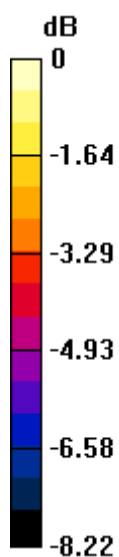
Grid 1 M4 26.95 dBV/m	Grid 2 M4 29.34 dBV/m	Grid 3 M4 29.29 dBV/m
Grid 4 M4 28.27 dBV/m	Grid 5 M3 31.01 dBV/m	Grid 6 M3 30.97 dBV/m
Grid 7 M4 29.21 dBV/m	Grid 8 M3 31.32 dBV/m	Grid 9 M3 31.28 dBV/m

Cursor:

Total = 31.32 dBV/m

E Category: M3

Location: -6, 20, 8.7 mm



0 dB = 36.82 V/m = 31.32 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 : 23.5 °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: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 30.08 V/m; Power Drift = -0.14 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.14 dBV/m

Emission category: M3

MIF scaled E-field

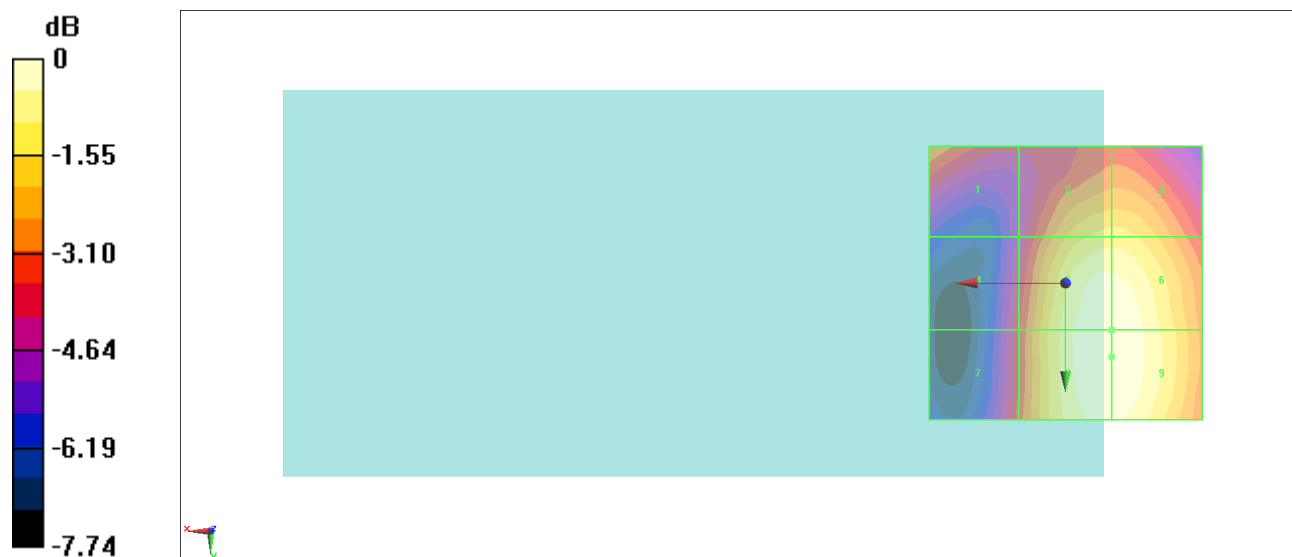
Grid 1 M4 28.65 dBV/m	Grid 2 M4 29.84 dBV/m	Grid 3 M4 29.84 dBV/m
Grid 4 M4 27.51 dBV/m	Grid 5 M3 31.08 dBV/m	Grid 6 M3 31.08 dBV/m
Grid 7 M4 27.83 dBV/m	Grid 8 M3 31.14 dBV/m	Grid 9 M3 31.14 dBV/m

Cursor:

Total = 31.14 dBV/m

E Category: M3

Location: -8.5, 13.5, 8.7 mm



0 dB = 36.05 V/m = 31.14 dBV/m