

#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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/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 = 70.27 V/m; Power Drift = 0.22 dB

Applied MIF = 3.63 dB

RF audio interference level = 38.66 dBV/m

Emission category: M4

MIF scaled E-field

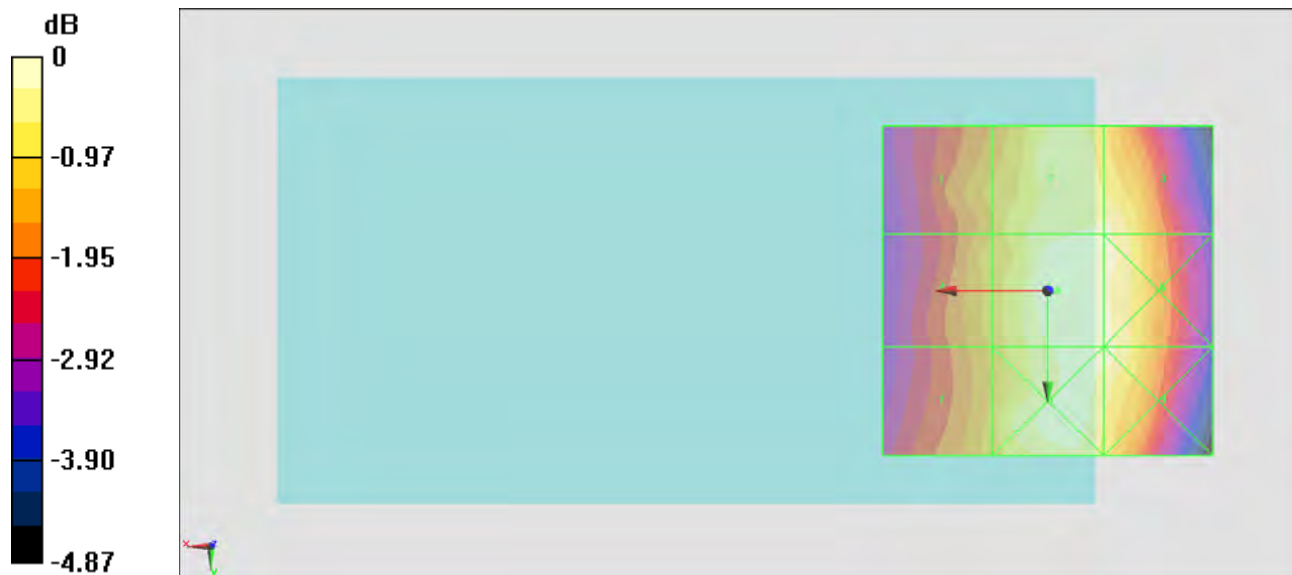
Grid 1 M4 37.46 dBV/m	Grid 2 M4 38.41 dBV/m	Grid 3 M4 38.41 dBV/m
Grid 4 M4 37.57 dBV/m	Grid 5 M4 38.66 dBV/m	Grid 6 M4 38.48 dBV/m
Grid 7 M4 37.54 dBV/m	Grid 8 M4 38.5 dBV/m	Grid 9 M4 38.46 dBV/m

Cursor:

Total = 38.66 dBV/m

E Category: M4

Location: -1.5, 0, 8.7 mm



0 dB = 85.70 V/m = 38.66 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch189/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 = 76.90 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.33 dBV/m

Emission category: M4

MIF scaled E-field

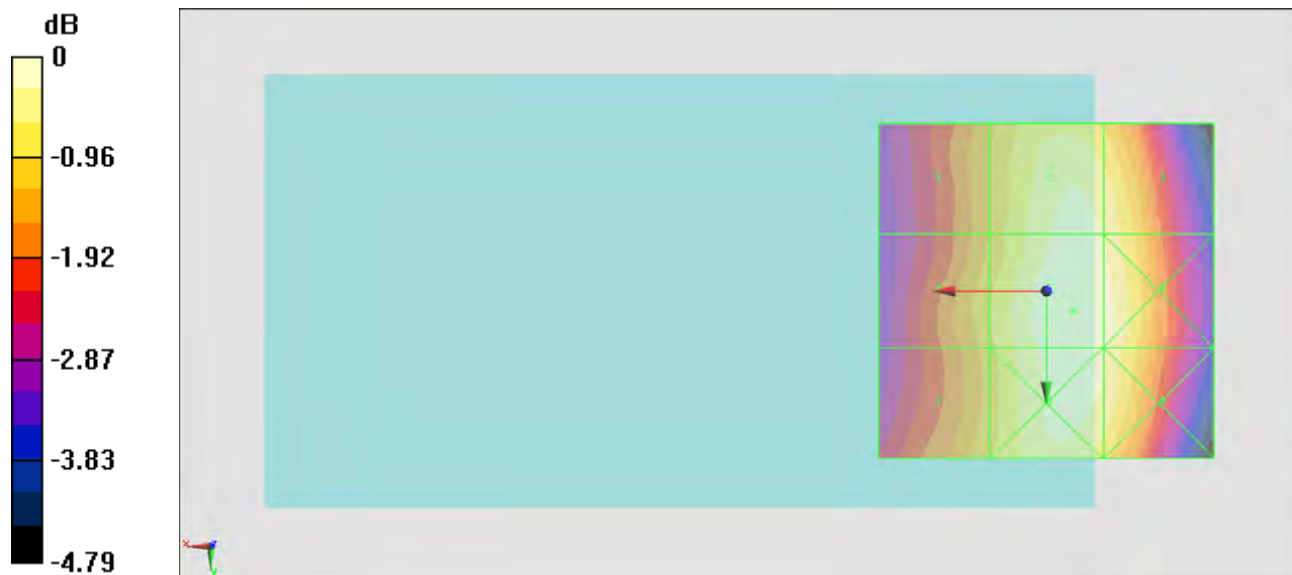
Grid 1 M4 38.09 dBV/m	Grid 2 M4 39.16 dBV/m	Grid 3 M4 39.02 dBV/m
Grid 4 M4 38.35 dBV/m	Grid 5 M4 39.33 dBV/m	Grid 6 M4 39.19 dBV/m
Grid 7 M4 38.34 dBV/m	Grid 8 M4 39.28 dBV/m	Grid 9 M4 39.09 dBV/m

Cursor:

Total = 39.33 dBV/m

E Category: M4

Location: -4, 3, 8.7 mm



0 dB = 92.62 V/m = 39.33 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch251/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 = 84.79 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.31 dBV/m

Emission category: M3

MIF scaled E-field

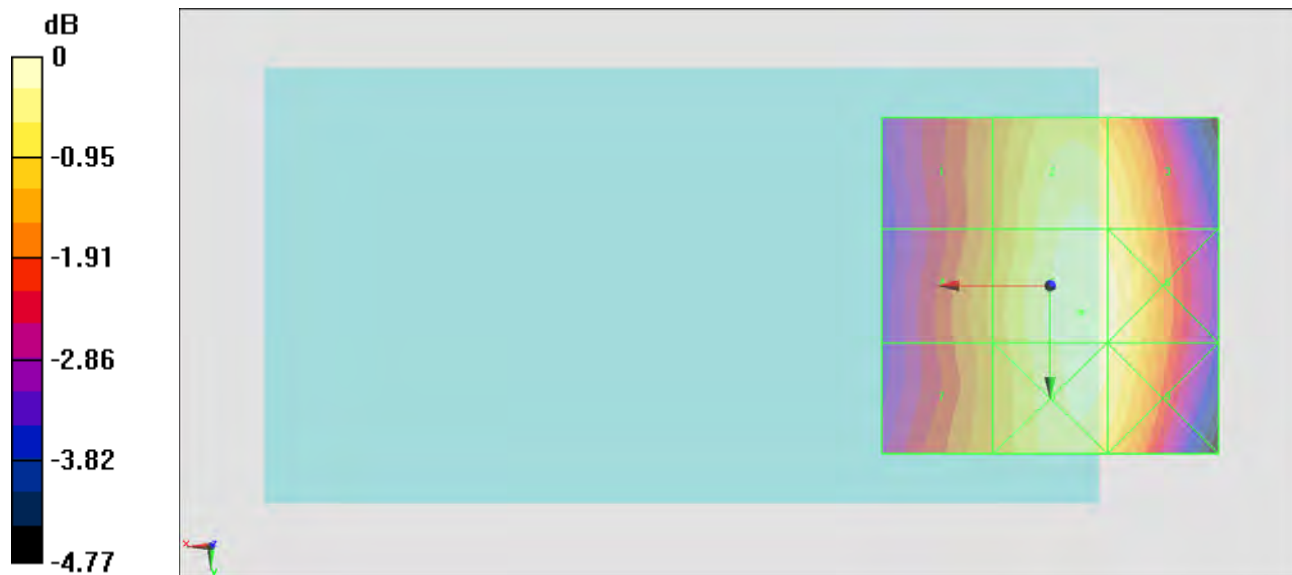
Grid 1 M4 38.89 dBV/m	Grid 2 M3 40.07 dBV/m	Grid 3 M4 39.93 dBV/m
Grid 4 M4 39.16 dBV/m	Grid 5 M3 40.31 dBV/m	Grid 6 M3 40.16 dBV/m
Grid 7 M4 39.08 dBV/m	Grid 8 M3 40.22 dBV/m	Grid 9 M3 40.08 dBV/m

Cursor:

Total = 40.31 dBV/m

E Category: M3

Location: -4.5, 4, 8.7 mm



0 dB = 103.6 V/m = 40.31 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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch512/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 = 28.38 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.41 dBV/m

Emission category: M3

MIF scaled E-field

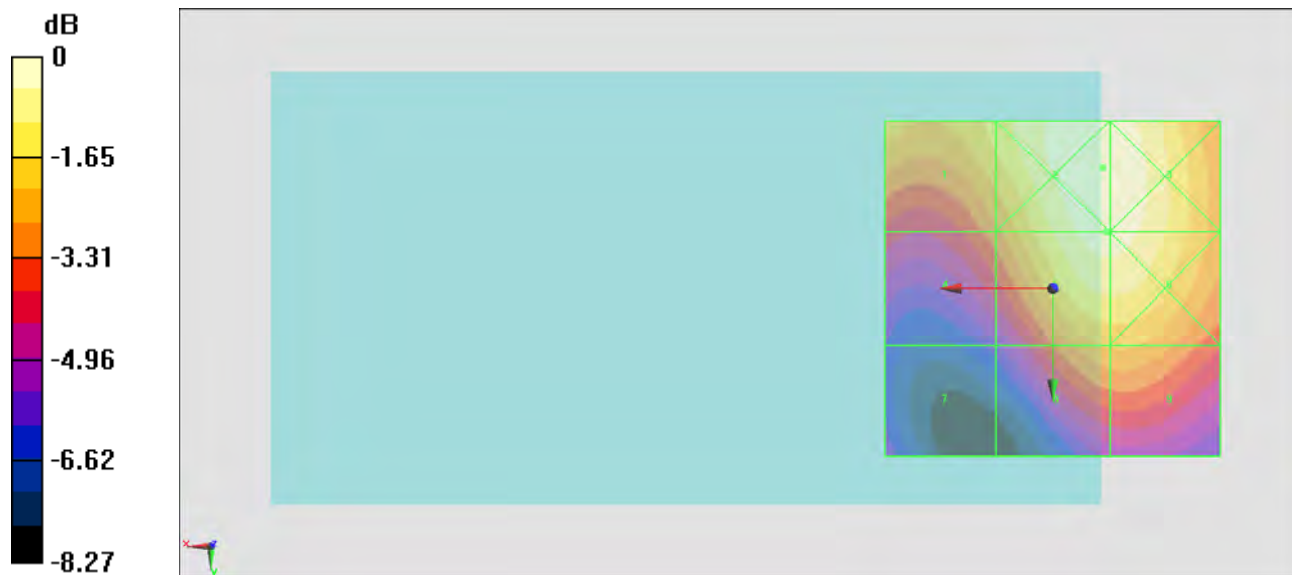
Grid 1 M3 31.27 dBV/m	Grid 2 M3 32.71 dBV/m	Grid 3 M3 32.7 dBV/m
Grid 4 M4 29.81 dBV/m	Grid 5 M3 32.41 dBV/m	Grid 6 M3 32.4 dBV/m
Grid 7 M4 27.18 dBV/m	Grid 8 M3 30.58 dBV/m	Grid 9 M3 30.62 dBV/m

Cursor:

Total = 32.71 dBV/m

E Category: M3

Location: -7.5, -18, 8.7 mm



0 dB = 43.21 V/m = 32.71 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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch661/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 = 27.73 V/m; Power Drift = 0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.64 dBV/m

Emission category: M3

MIF scaled E-field

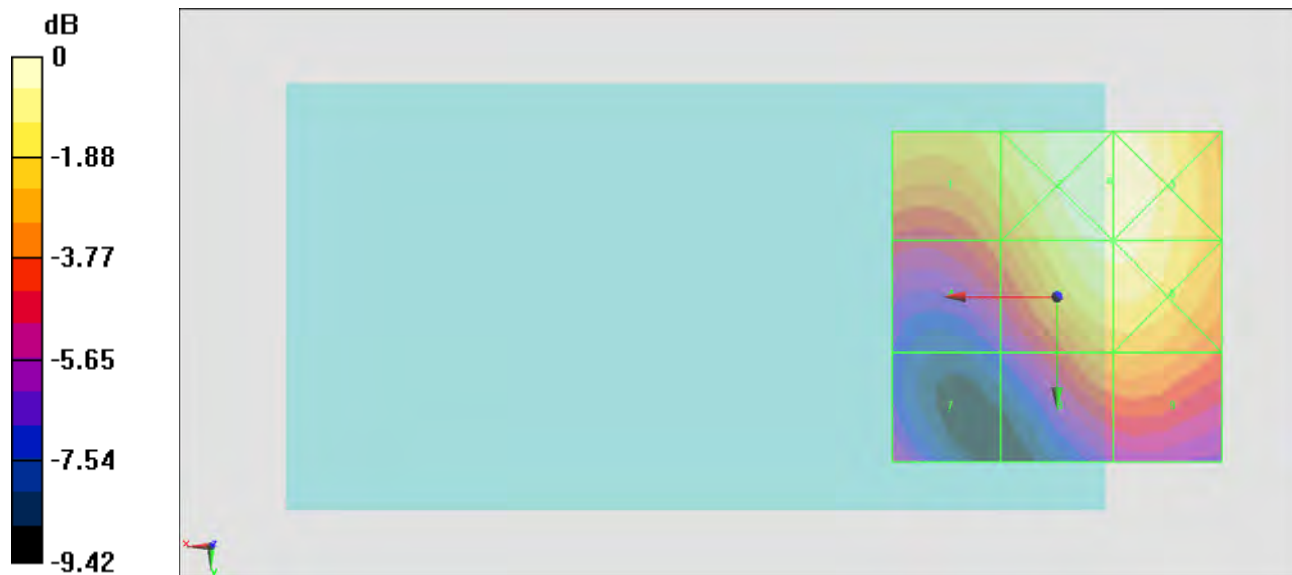
Grid 1 M3 31.53 dBV/m	Grid 2 M3 32.99 dBV/m	Grid 3 M3 32.98 dBV/m
Grid 4 M4 29.79 dBV/m	Grid 5 M3 32.64 dBV/m	Grid 6 M3 32.64 dBV/m
Grid 7 M4 27.71 dBV/m	Grid 8 M3 30.52 dBV/m	Grid 9 M3 30.61 dBV/m

Cursor:

Total = 32.99 dBV/m

E Category: M3

Location: -8, -17.5, 8.7 mm



0 dB = 44.61 V/m = 32.99 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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch810/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 = 26.55 V/m; Power Drift = -0.22 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.14 dBV/m

Emission category: M3

MIF scaled E-field

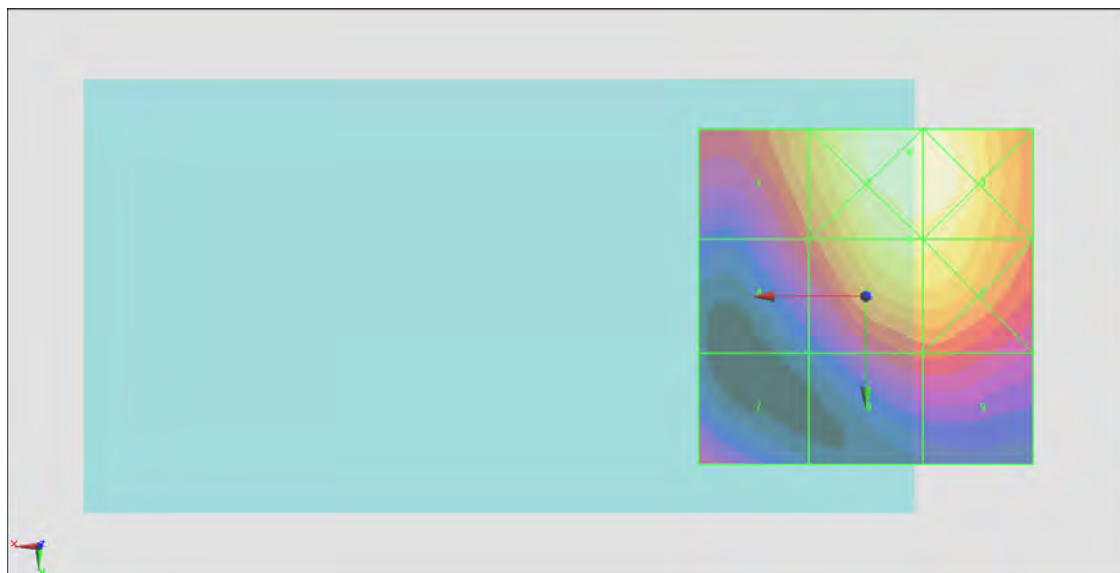
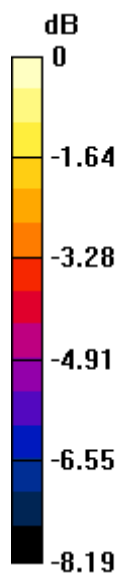
Grid 1 M3 30.92 dBV/m	Grid 2 M3 32.94 dBV/m	Grid 3 M3 32.9 dBV/m
Grid 4 M4 29.44 dBV/m	Grid 5 M3 32.14 dBV/m	Grid 6 M3 32.09 dBV/m
Grid 7 M4 28.74 dBV/m	Grid 8 M4 29.33 dBV/m	Grid 9 M4 29.35 dBV/m

Cursor:

Total = 32.94 dBV/m

E Category: M3

Location: -6.5, -21.5, 8.7 mm



0 dB = 44.34 V/m = 32.94 dBV/m