#04_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, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3

Ambient Temperature：23.3 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 6.753 V/m; Power Drift = -0.19 dB

Applied MIF = 3.63 dB
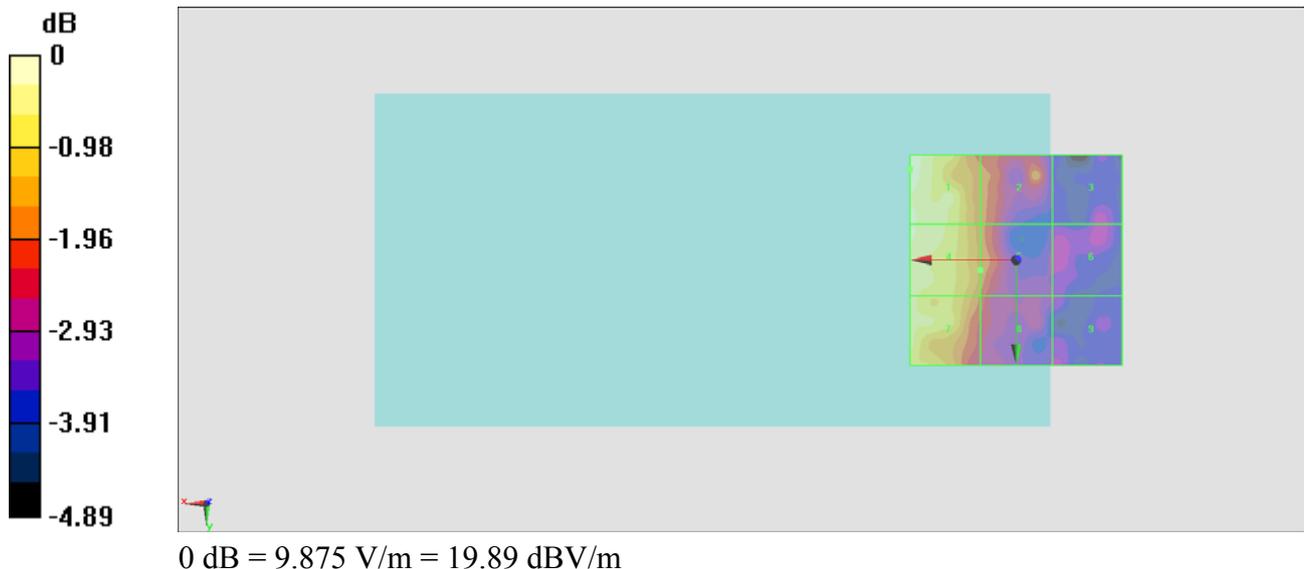
RF audio interference level = 19.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.89 dBV/m**	Grid 2 **M4** **18.16 dBV/m**	Grid 3 **M4** **16.82 dBV/m**
Grid 4 **M4** **19.68 dBV/m**	Grid 5 **M4** **18.21 dBV/m**	Grid 6 **M4** **16.96 dBV/m**
Grid 7 **M4** **19.43 dBV/m**	Grid 8 **M4** **17.91 dBV/m**	Grid 9 **M4** **16.75 dBV/m**

Cursor:
Total = 19.89 dBV/m
E Category: M4
Location: 25, -21.5, 8.7 mm

0 dB = 9.875 V/m = 19.89 dBV/m

#05_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, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：23.3 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 5.305 V/m; Power Drift = -0.09 dB
Applied MIF = 3.63 dB
RF audio interference level = 19.70 dBV/m
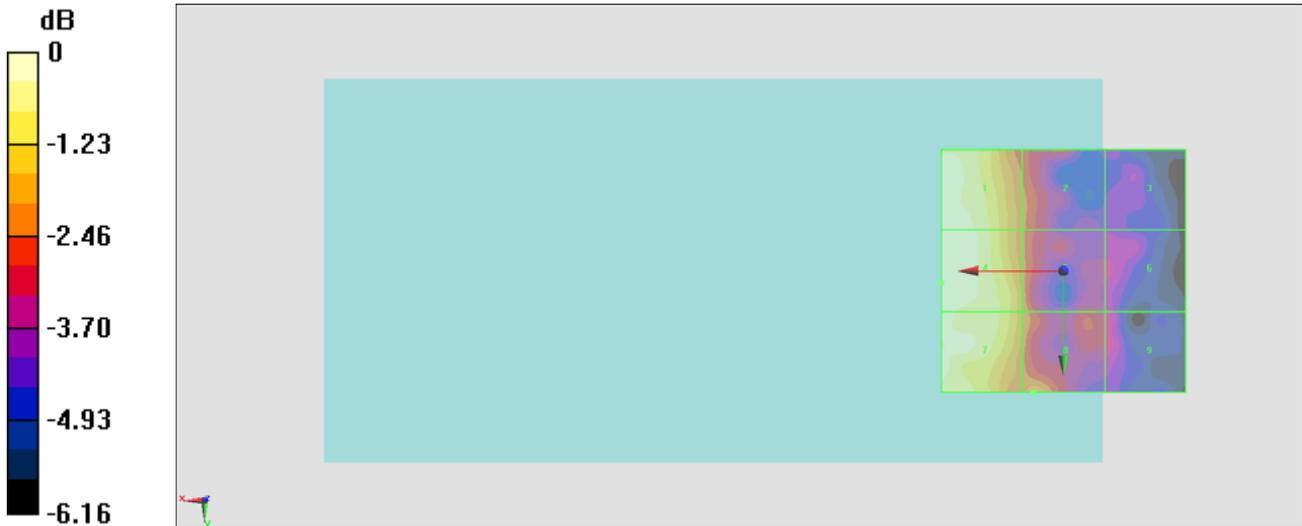**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **19.61 dBV/m**	Grid 2 **M4** **17.45 dBV/m**	Grid 3 **M4** **15.65 dBV/m**
Grid 4 **M4** **19.7 dBV/m**	Grid 5 **M4** **17.75 dBV/m**	Grid 6 **M4** **16.22 dBV/m**
Grid 7 **M4** **19.67 dBV/m**	Grid 8 **M4** **18.05 dBV/m**	Grid 9 **M4** **16.43 dBV/m**

Cursor:
Total = 19.70 dBV/m
E Category: M4
Location: 25, 2.5, 8.7 mm

0 dB = 9.659 V/m = 19.70 dBV/m

#06_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, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3

Ambient Temperature：23.3 ℃

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 4.898 V/m; Power Drift = -0.14 dB

Applied MIF = 3.63 dB

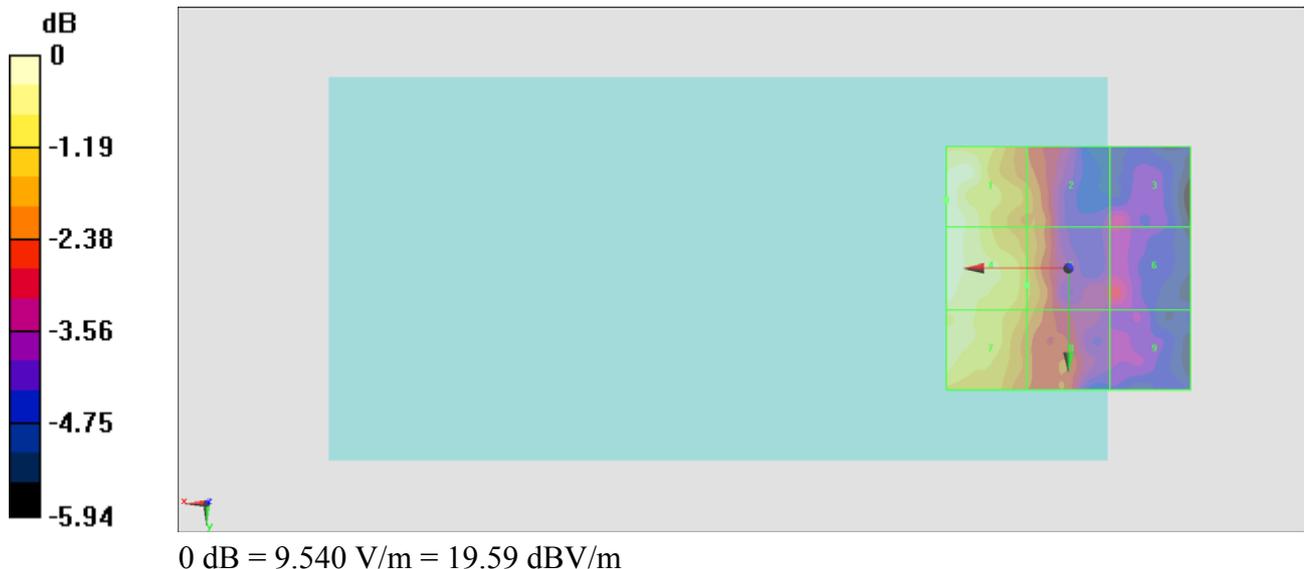RF audio interference level = 19.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.59 dBV/m**	Grid 2 **M4** **17.86 dBV/m**	Grid 3 **M4** **16.27 dBV/m**
Grid 4 **M4** **19.52 dBV/m**	Grid 5 **M4** **18.14 dBV/m**	Grid 6 **M4** **16.6 dBV/m**
Grid 7 **M4** **19.04 dBV/m**	Grid 8 **M4** **17.9 dBV/m**	Grid 9 **M4** **15.87 dBV/m**

Cursor:
Total = 19.59 dBV/m
E Category: M4
Location: 25, -14, 8.7 mm

0 dB = 9.540 V/m = 19.59 dBV/m

#07_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, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：23.3 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 21.39 V/m; Power Drift = -0.07 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.97 dBV/m
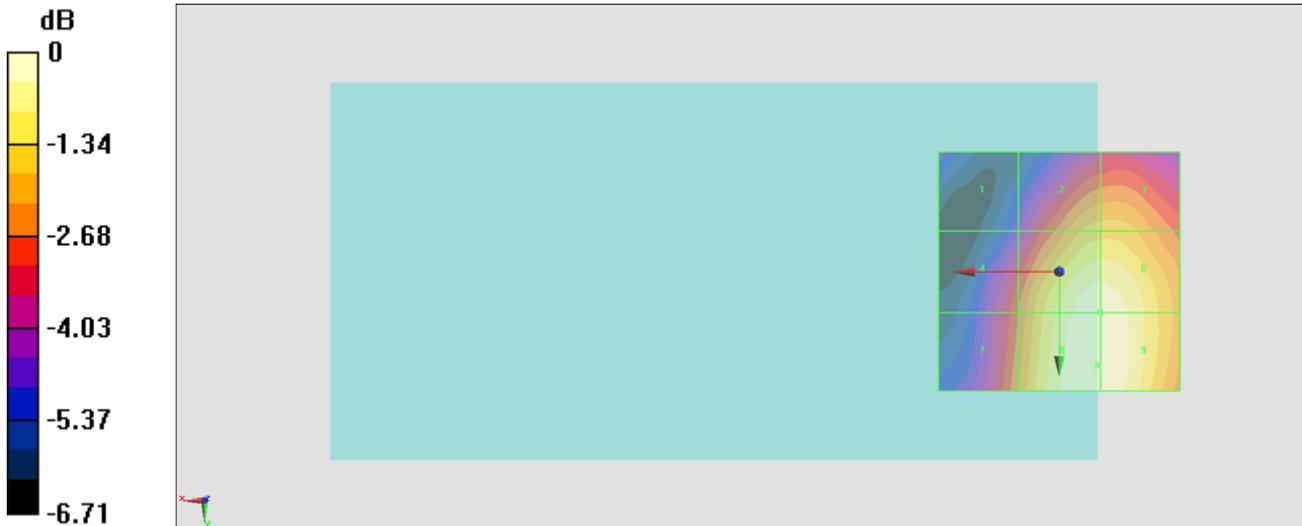**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **25.58 dBV/m**	Grid 2 **M4** **28.44 dBV/m**	Grid 3 **M4** **28.46 dBV/m**
Grid 4 **M4** **27.29 dBV/m**	Grid 5 **M4** **29.84 dBV/m**	Grid 6 **M4** **29.84 dBV/m**
Grid 7 **M4** **27.75 dBV/m**	Grid 8 **M4** **29.97 dBV/m**	Grid 9 **M4** **29.97 dBV/m**

Cursor:
Total = 29.97 dBV/m
E Category: M4
Location: -8, 19.5, 8.7 mm

0 dB = 31.51 V/m = 29.97 dBV/m

#08_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, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3

Ambient Temperature：23.3 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 19.88 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.41 dBV/m
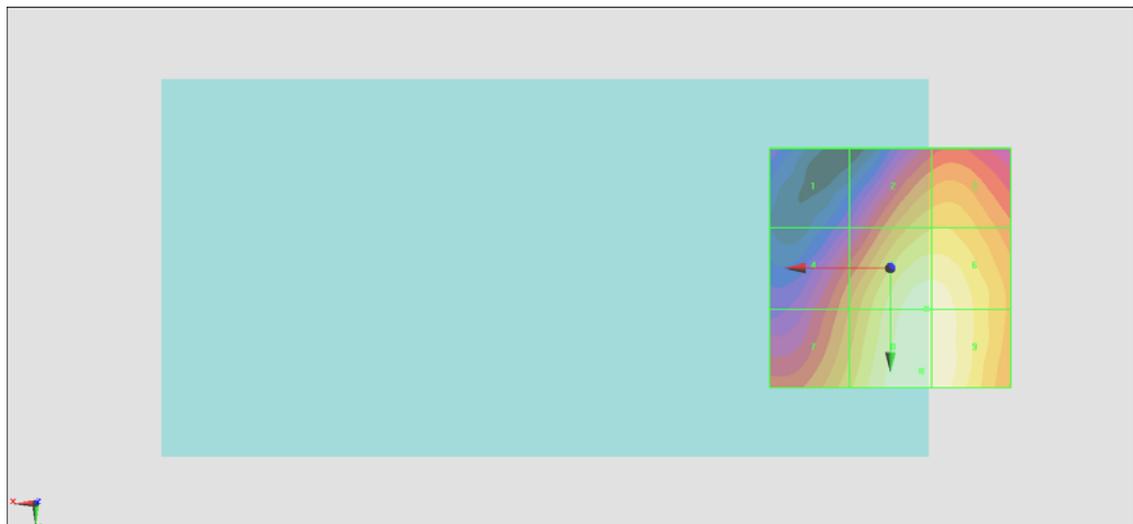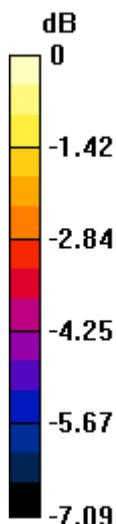
Emission category: M4

MIF scaled E-field

Grid 1 **M4** 24.86 dBV/m	Grid 2 **M4** 27.96 dBV/m	Grid 3 **M4** 28.01 dBV/m
Grid 4 **M4** 27.06 dBV/m	Grid 5 **M4** 29.22 dBV/m	Grid 6 **M4** 29.21 dBV/m
Grid 7 **M4** 27.88 dBV/m	Grid 8 **M4** 29.41 dBV/m	Grid 9 **M4** 29.37 dBV/m

Cursor:
Total = 29.41 dBV/m
E Category: M4
Location: -6.5, 21.5, 8.7 mm

0 dB = 29.55 V/m = 29.41 dBV/m

#09_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: σ = 0 S/m, ε_r = 1; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃

DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 20.26 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.16 dBV/m
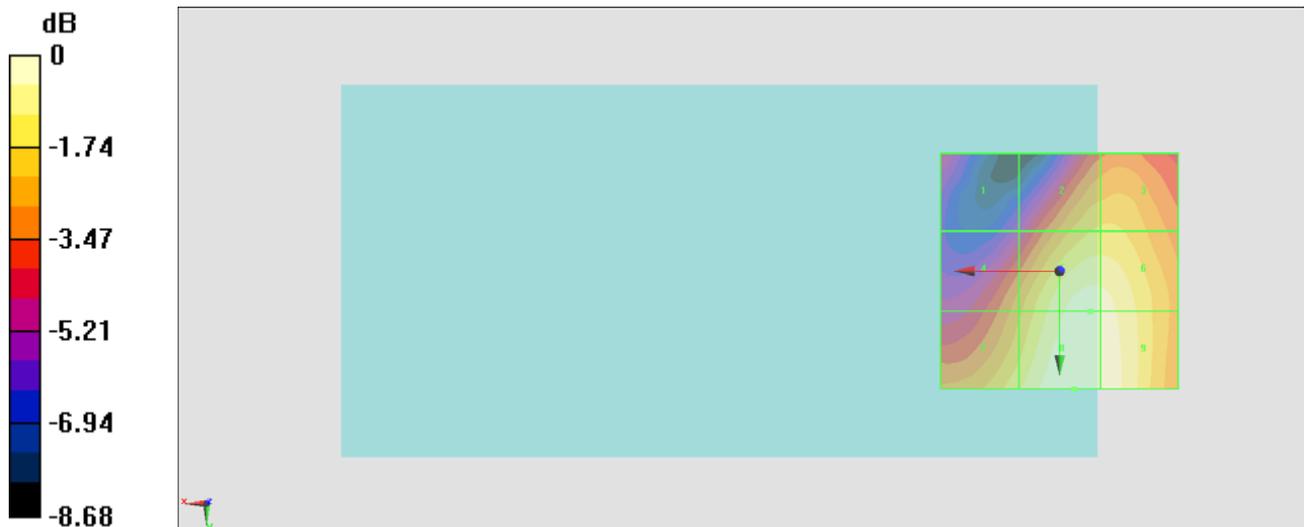**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** 24.78 dBV/m	Grid 2 **M4** 27.54 dBV/m	Grid 3 **M4** 27.57 dBV/m
Grid 4 **M4** 26.72 dBV/m	Grid 5 **M4** 28.87 dBV/m	Grid 6 **M4** 28.82 dBV/m
Grid 7 **M4** 27.95 dBV/m	Grid 8 **M4** 29.16 dBV/m	Grid 9 **M4** 29.06 dBV/m

Cursor:
Total = 29.16 dBV/m
E Category: M4
Location: -3, 25, 8.7 mm

0 dB = 28.71 V/m = 29.16 dBV/m