

### #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/m<sup>3</sup>  
 Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**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 = 38.69 V/m; Power Drift = 0.17 dB  
 Applied MIF = 3.63 dB  
 RF audio interference level = 34.05 dBV/m

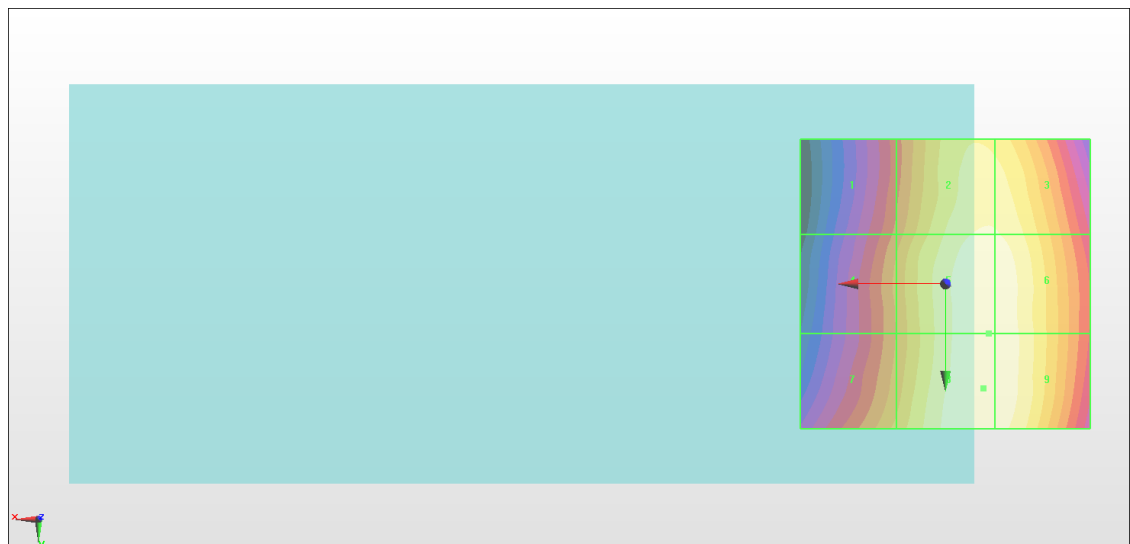
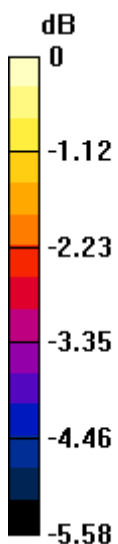
**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>31.97 dBV/m</b>	<b>Grid 2 M4</b> <b>33.75 dBV/m</b>	<b>Grid 3 M4</b> <b>33.73 dBV/m</b>
<b>Grid 4 M4</b> <b>32.32 dBV/m</b>	<b>Grid 5 M4</b> <b>34.03 dBV/m</b>	<b>Grid 6 M4</b> <b>34.02 dBV/m</b>
<b>Grid 7 M4</b> <b>32.69 dBV/m</b>	<b>Grid 8 M4</b> <b>34.05 dBV/m</b>	<b>Grid 9 M4</b> <b>34.04 dBV/m</b>

**Cursor:**

Total = 34.05 dBV/m  
 E Category: M4  
 Location: -6.5, 18, 8.7 mm



0 dB = 50.43 V/m = 34.05 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/m<sup>3</sup>

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

### 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 = 40.31 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.20 dBV/m

**Emission category: M4**

MIF scaled E-field

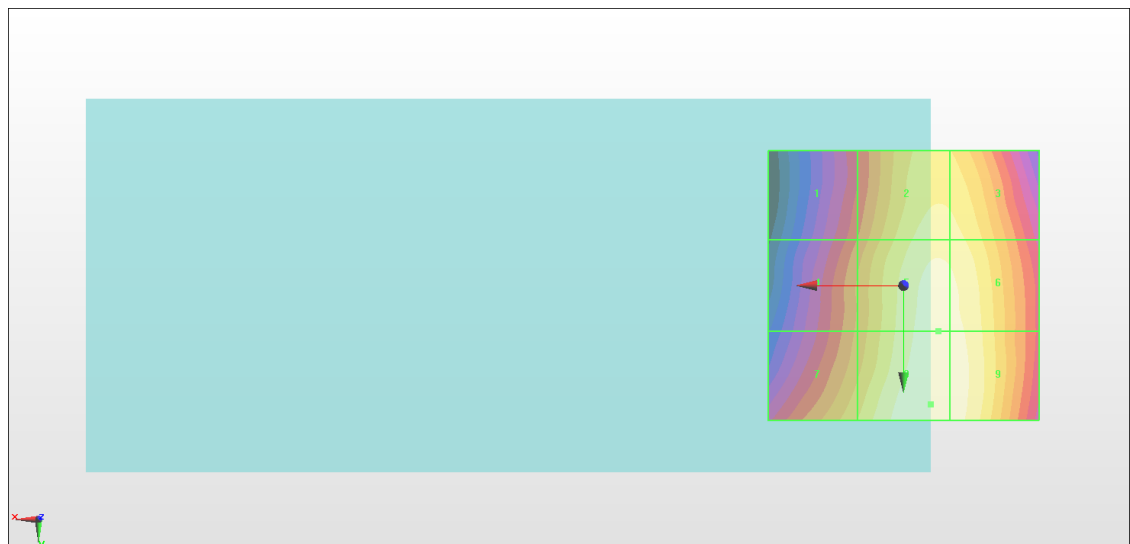
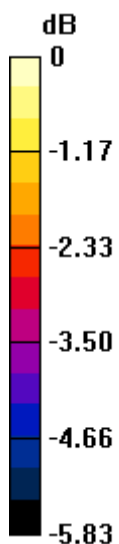
Grid 1 <b>M4</b> <b>31.89 dBV/m</b>	Grid 2 <b>M4</b> <b>33.67 dBV/m</b>	Grid 3 <b>M4</b> <b>33.63 dBV/m</b>
Grid 4 <b>M4</b> <b>32.36 dBV/m</b>	Grid 5 <b>M4</b> <b>34.03 dBV/m</b>	Grid 6 <b>M4</b> <b>33.99 dBV/m</b>
Grid 7 <b>M4</b> <b>33.06 dBV/m</b>	Grid 8 <b>M4</b> <b>34.2 dBV/m</b>	Grid 9 <b>M4</b> <b>34.1 dBV/m</b>

**Cursor:**

Total = 34.20 dBV/m

E Category: M4

Location: -5, 22, 8.7 mm



0 dB = 51.29 V/m = 34.20 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/m<sup>3</sup>  
 Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**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 = 30.74 V/m; Power Drift = 0.04 dB  
 Applied MIF = 3.63 dB  
 RF audio interference level = 32.16 dBV/m

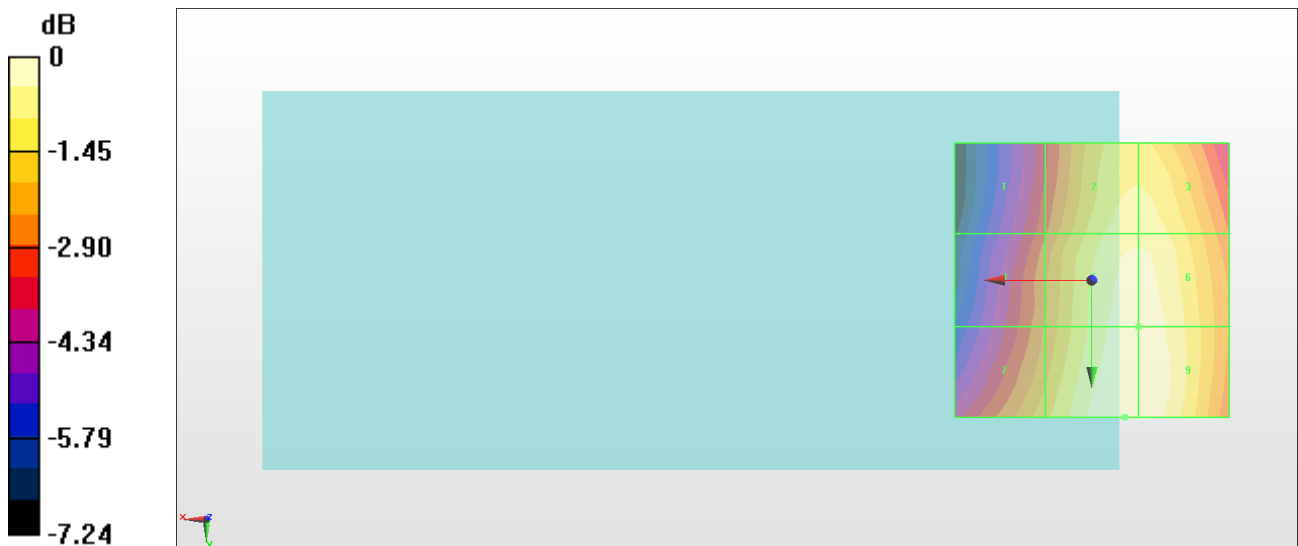
**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>29.23 dBV/m</b>	<b>Grid 2 M4</b> <b>31.53 dBV/m</b>	<b>Grid 3 M4</b> <b>31.52 dBV/m</b>
<b>Grid 4 M4</b> <b>29.79 dBV/m</b>	<b>Grid 5 M4</b> <b>32 dBV/m</b>	<b>Grid 6 M4</b> <b>32 dBV/m</b>
<b>Grid 7 M4</b> <b>30.59 dBV/m</b>	<b>Grid 8 M4</b> <b>32.16 dBV/m</b>	<b>Grid 9 M4</b> <b>32.13 dBV/m</b>

**Cursor:**

Total = 32.16 dBV/m  
 E Category: M4  
 Location: -6, 25, 8.7 mm



0 dB = 40.57 V/m = 32.16 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/m<sup>3</sup>  
 Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**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 = 6.139 V/m; Power Drift = 0.12 dB  
 Applied MIF = 3.63 dB  
 RF audio interference level = 23.02 dBV/m

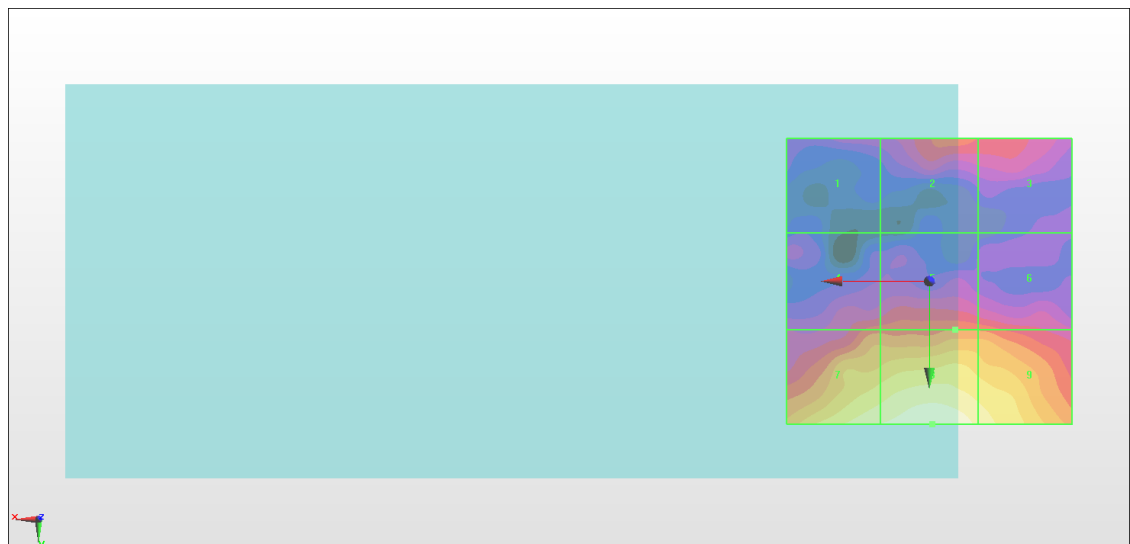
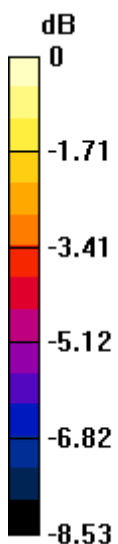
**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>17.95 dBV/m</b>	<b>Grid 2 M4</b> <b>19.43 dBV/m</b>	<b>Grid 3 M4</b> <b>19.02 dBV/m</b>
<b>Grid 4 M4</b> <b>19.38 dBV/m</b>	<b>Grid 5 M4</b> <b>19.66 dBV/m</b>	<b>Grid 6 M4</b> <b>19.55 dBV/m</b>
<b>Grid 7 M4</b> <b>22.47 dBV/m</b>	<b>Grid 8 M4</b> <b>23.02 dBV/m</b>	<b>Grid 9 M4</b> <b>22.27 dBV/m</b>

**Cursor:**

Total = 23.02 dBV/m  
 E Category: M4  
 Location: -0.5, 25, 8.7 mm



0 dB = 14.15 V/m = 23.02 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/m<sup>3</sup>  
 Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**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 = 5.653 V/m; Power Drift = 0.17 dB  
 Applied MIF = 3.63 dB  
 RF audio interference level = 22.78 dBV/m

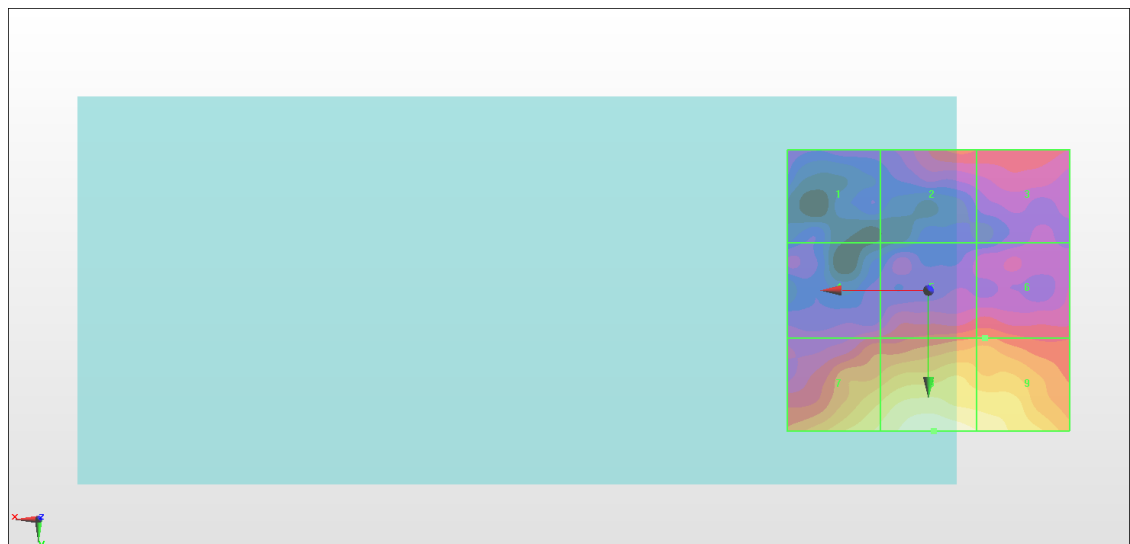
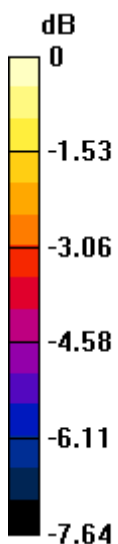
**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>17.86 dBV/m</b>	<b>Grid 2 M4</b> <b>19.43 dBV/m</b>	<b>Grid 3 M4</b> <b>19.25 dBV/m</b>
<b>Grid 4 M4</b> <b>18.9 dBV/m</b>	<b>Grid 5 M4</b> <b>19.81 dBV/m</b>	<b>Grid 6 M4</b> <b>19.86 dBV/m</b>
<b>Grid 7 M4</b> <b>21.92 dBV/m</b>	<b>Grid 8 M4</b> <b>22.78 dBV/m</b>	<b>Grid 9 M4</b> <b>22.3 dBV/m</b>

**Cursor:**

Total = 22.78 dBV/m  
 E Category: M4  
 Location: -1, 25, 8.7 mm



0 dB = 13.77 V/m = 22.78 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/m<sup>3</sup>  
 Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**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 = 5.134 V/m; Power Drift = 0.17 dB  
 Applied MIF = 3.63 dB  
 RF audio interference level = 24.08 dBV/m

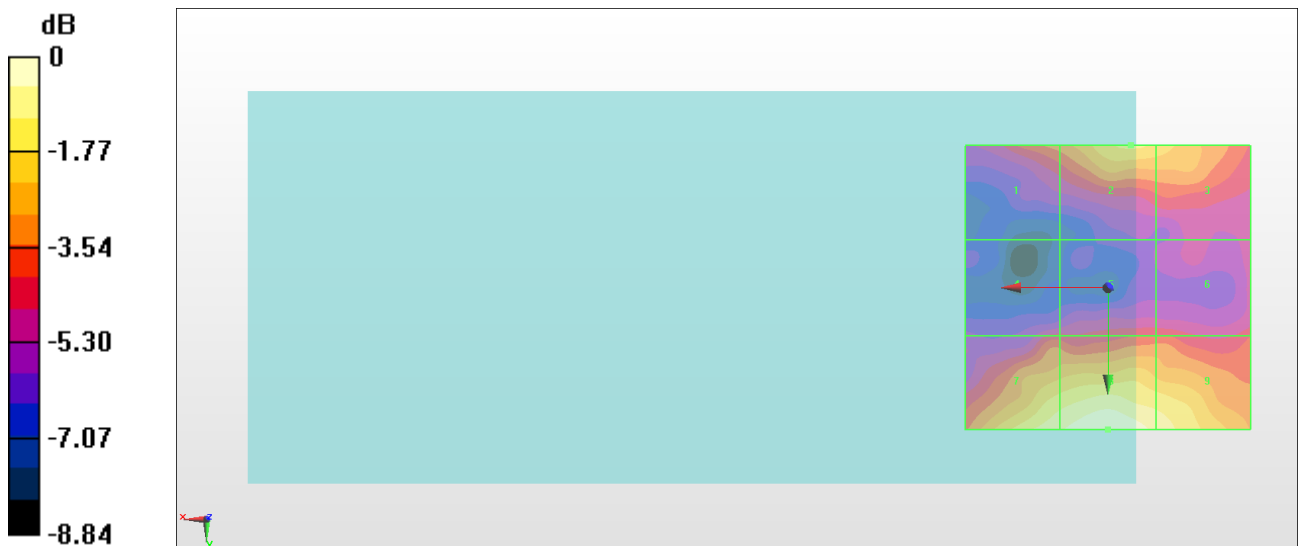
**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>20.92 dBV/m</b>	<b>Grid 2 M4</b> <b>22.46 dBV/m</b>	<b>Grid 3 M4</b> <b>22.1 dBV/m</b>
<b>Grid 4 M4</b> <b>19.63 dBV/m</b>	<b>Grid 5 M4</b> <b>20.05 dBV/m</b>	<b>Grid 6 M4</b> <b>20.07 dBV/m</b>
<b>Grid 7 M4</b> <b>23.44 dBV/m</b>	<b>Grid 8 M4</b> <b>24.08 dBV/m</b>	<b>Grid 9 M4</b> <b>23.31 dBV/m</b>

**Cursor:**

Total = 24.08 dBV/m  
 E Category: M4  
 Location: 0, 25, 8.7 mm



0 dB = 15.99 V/m = 24.08 dBV/m