

### #01\_HAC\_E\_GSM850\_Voice\_Ch128;Main

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 55.87 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.22 dBV/m

**Emission category: M4**

MIF scaled E-field

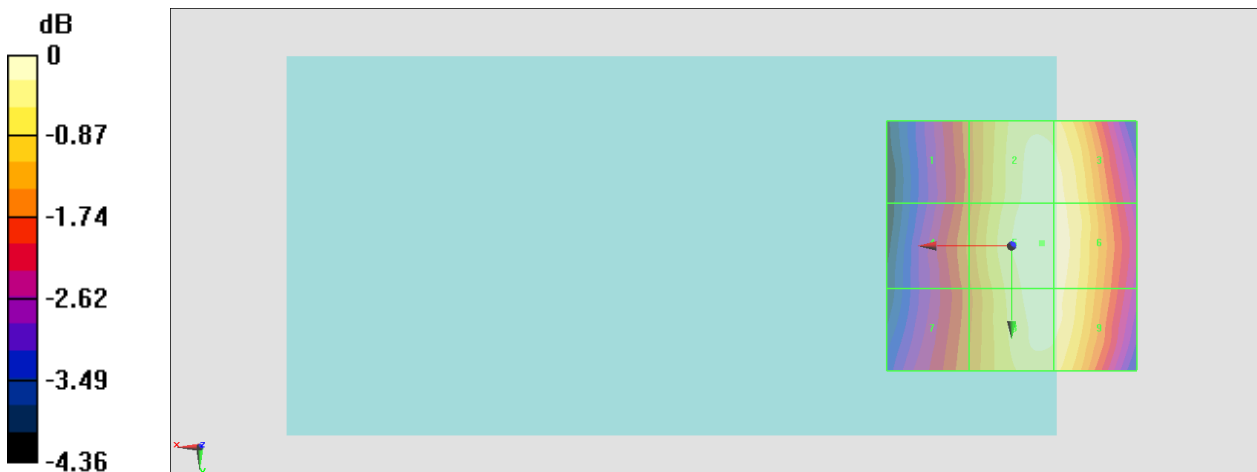
Grid 1 <b>M4</b> <b>34.69 dBV/m</b>	Grid 2 <b>M4</b> <b>36.12 dBV/m</b>	Grid 3 <b>M4</b> <b>36.09 dBV/m</b>
Grid 4 <b>M4</b> <b>34.87 dBV/m</b>	Grid 5 <b>M4</b> <b>36.22 dBV/m</b>	Grid 6 <b>M4</b> <b>36.19 dBV/m</b>
Grid 7 <b>M4</b> <b>34.8 dBV/m</b>	Grid 8 <b>M4</b> <b>36.1 dBV/m</b>	Grid 9 <b>M4</b> <b>36.07 dBV/m</b>

**Cursor:**

Total = 36.22 dBV/m

E Category: M4

Location: -6, -0.5, 8.7 mm



0 dB = 64.74 V/m = 36.22 dBV/m

## #02\_HAC\_E\_GSM850\_Voice\_Ch189;Main

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.6 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 50.76 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.68 dBV/m

**Emission category: M4**

MIF scaled E-field

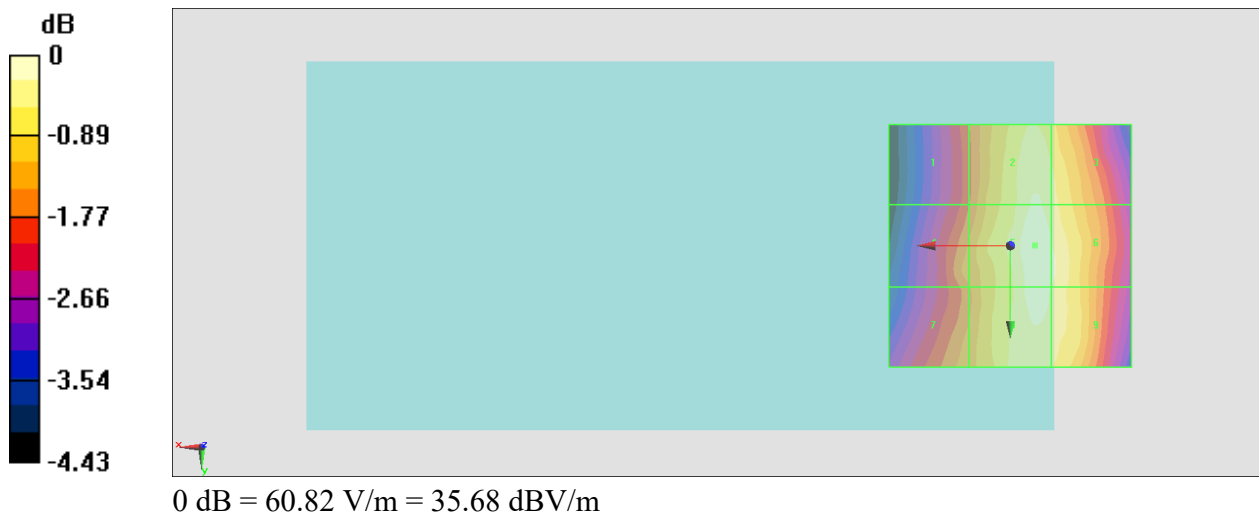
Grid 1 <b>M4</b> <b>33.91 dBV/m</b>	Grid 2 <b>M4</b> <b>35.42 dBV/m</b>	Grid 3 <b>M4</b> <b>35.22 dBV/m</b>
Grid 4 <b>M4</b> <b>34.39 dBV/m</b>	Grid 5 <b>M4</b> <b>35.68 dBV/m</b>	Grid 6 <b>M4</b> <b>35.46 dBV/m</b>
Grid 7 <b>M4</b> <b>34.42 dBV/m</b>	Grid 8 <b>M4</b> <b>35.55 dBV/m</b>	Grid 9 <b>M4</b> <b>35.38 dBV/m</b>

**Cursor:**

Total = 35.68 dBV/m

E Category: M4

Location: -5, 0, 8.7 mm



### #03\_HAC\_E\_GSM850\_Voice\_Ch251;Main

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 : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 46.15 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.76 dBV/m

**Emission category: M4**

MIF scaled E-field

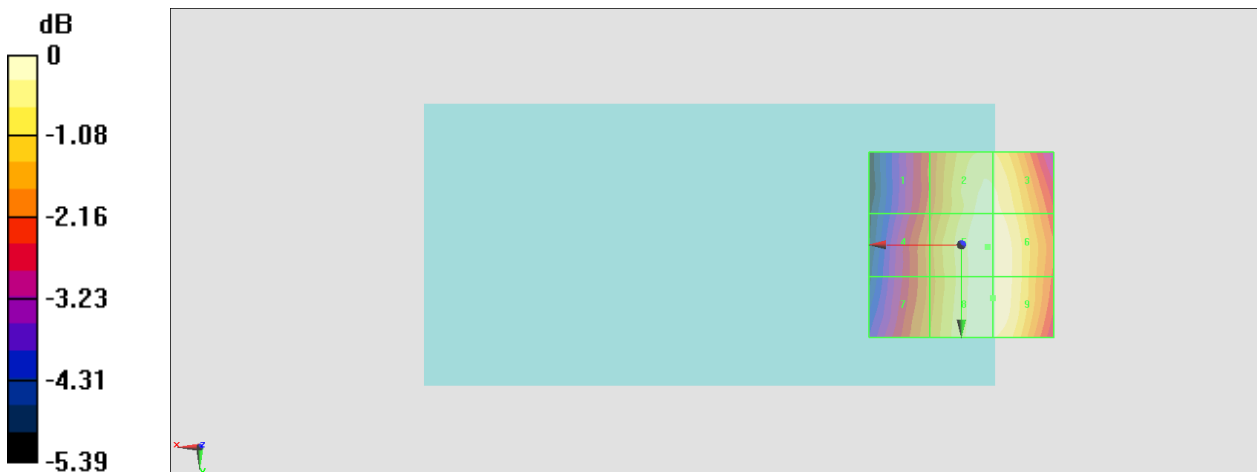
Grid 1 <b>M4</b> <b>32.84 dBV/m</b>	Grid 2 <b>M4</b> <b>34.56 dBV/m</b>	Grid 3 <b>M4</b> <b>34.54 dBV/m</b>
Grid 4 <b>M4</b> <b>33.17 dBV/m</b>	Grid 5 <b>M4</b> <b>34.76 dBV/m</b>	Grid 6 <b>M4</b> <b>34.74 dBV/m</b>
Grid 7 <b>M4</b> <b>33.34 dBV/m</b>	Grid 8 <b>M4</b> <b>34.76 dBV/m</b>	Grid 9 <b>M4</b> <b>34.76 dBV/m</b>

**Cursor:**

Total = 34.76 dBV/m

E Category: M4

Location: -8.5, 14.5, 8.7 mm



0 dB = 54.71 V/m = 34.76 dBV/m

### #04\_HAC\_E\_GSM1900\_Voice\_Ch512;Main

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 : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 12.40 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.94 dBV/m

**Emission category: M4**

MIF scaled E-field

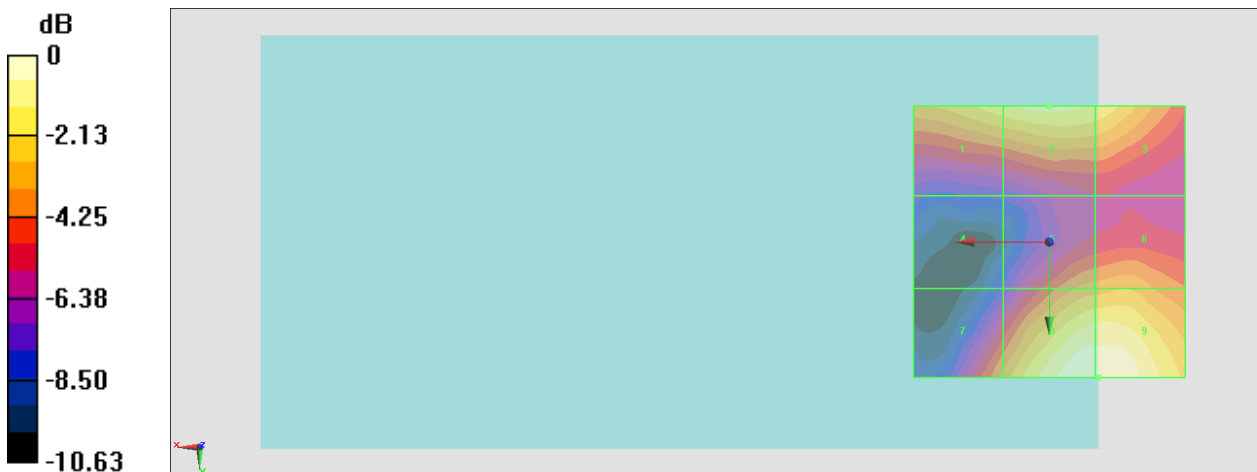
Grid 1 <b>M4</b> <b>28.38 dBV/m</b>	Grid 2 <b>M4</b> <b>28.84 dBV/m</b>	Grid 3 <b>M4</b> <b>28.47 dBV/m</b>
Grid 4 <b>M4</b> <b>22.54 dBV/m</b>	Grid 5 <b>M4</b> <b>26.78 dBV/m</b>	Grid 6 <b>M4</b> <b>27.06 dBV/m</b>
Grid 7 <b>M4</b> <b>26.68 dBV/m</b>	Grid 8 <b>M4</b> <b>29.93 dBV/m</b>	Grid 9 <b>M4</b> <b>29.94 dBV/m</b>

**Cursor:**

Total = 29.94 dBV/m

E Category: M4

Location: -9, 25, 8.7 mm



0 dB = 31.40 V/m = 29.94 dBV/m

### #05\_HAC\_E\_GSM1900\_Voice\_Ch661;Main

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 13.15 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.45 dBV/m

**Emission category: M3**

MIF scaled E-field

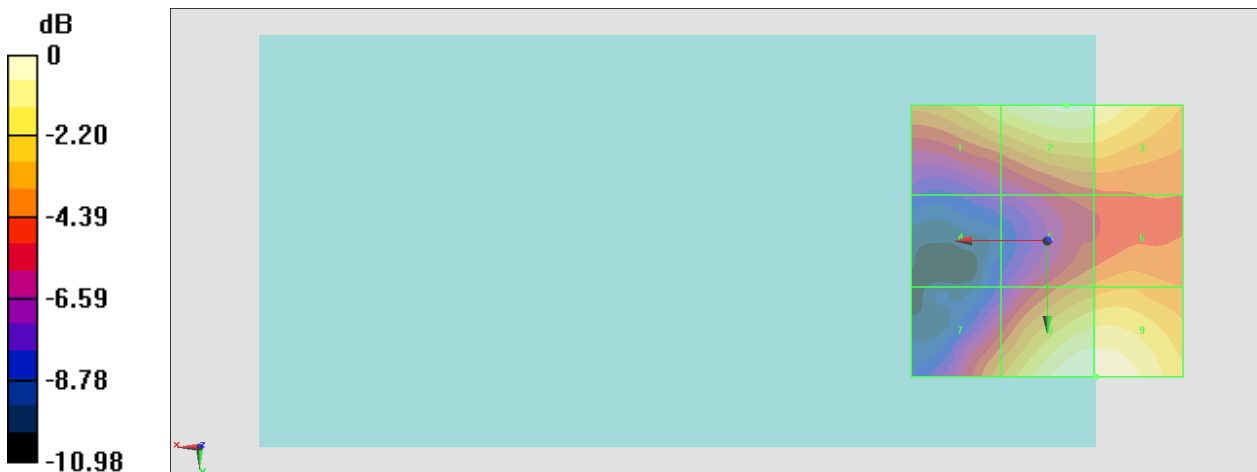
Grid 1 <b>M4</b> <b>29.07 dBV/m</b>	Grid 2 <b>M4</b> <b>29.99 dBV/m</b>	Grid 3 <b>M4</b> <b>29.87 dBV/m</b>
Grid 4 <b>M4</b> <b>23.6 dBV/m</b>	Grid 5 <b>M4</b> <b>27.06 dBV/m</b>	Grid 6 <b>M4</b> <b>27.46 dBV/m</b>
Grid 7 <b>M4</b> <b>27.41 dBV/m</b>	Grid 8 <b>M3</b> <b>30.44 dBV/m</b>	Grid 9 <b>M3</b> <b>30.45 dBV/m</b>

**Cursor:**

Total = 30.45 dBV/m

E Category: M3

Location: -9, 25, 8.7 mm



0 dB = 33.29 V/m = 30.45 dBV/m

## #06\_HAC\_E\_GSM1900\_Voice\_Ch810;Main

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 : 23.6 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 11.26 V/m; Power Drift = 0.14 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.00 dBV/m

**Emission category: M3**

MIF scaled E-field

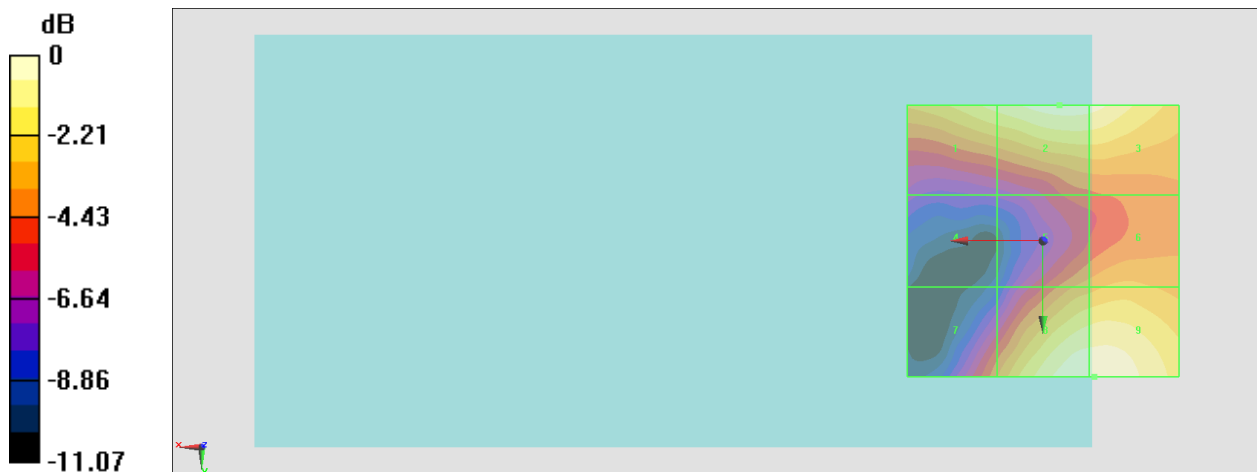
Grid 1 <b>M4</b> <b>28.88 dBV/m</b>	Grid 2 <b>M4</b> <b>29.67 dBV/m</b>	Grid 3 <b>M4</b> <b>29.58 dBV/m</b>
Grid 4 <b>M4</b> <b>23.12 dBV/m</b>	Grid 5 <b>M4</b> <b>26.77 dBV/m</b>	Grid 6 <b>M4</b> <b>27.32 dBV/m</b>
Grid 7 <b>M4</b> <b>26.26 dBV/m</b>	Grid 8 <b>M4</b> <b>29.98 dBV/m</b>	Grid 9 <b>M3</b> <b>30 dBV/m</b>

**Cursor:**

Total = 30.00 dBV/m

E Category: M3

Location: -9.5, 25, 8.7 mm



0 dB = 31.64 V/m = 30.00 dBV/m

### #07\_HAC\_E\_LTE Band 41\_QPSK\_1\_0\_Ch39750;Main

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz;Duty Cycle: 1:8.87156

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 12.19 V/m; Power Drift = 0.14 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.16 dBV/m

**Emission category: M4**

MIF scaled E-field

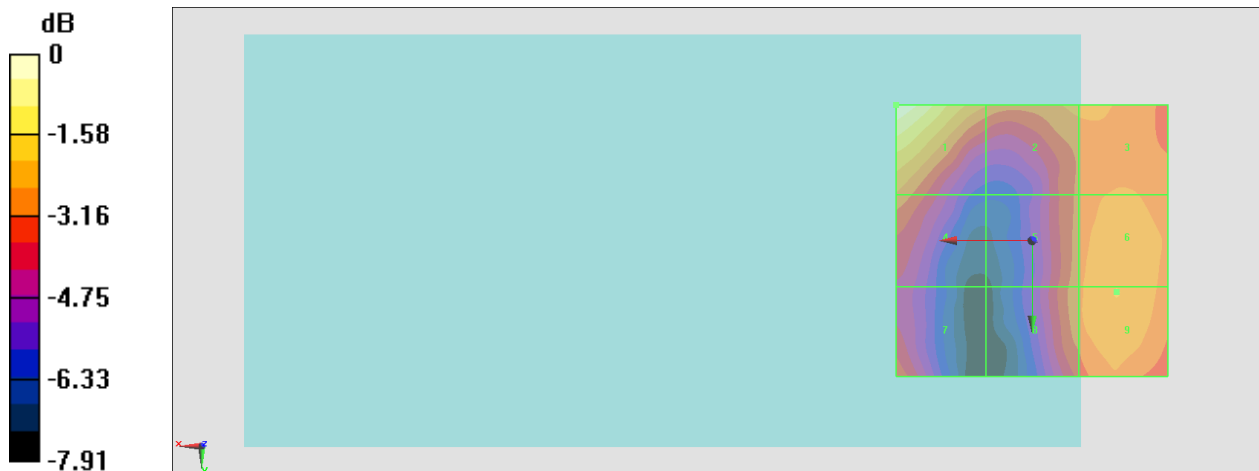
Grid 1 <b>M4</b> <b>24.16 dBV/m</b>	Grid 2 <b>M4</b> <b>21.74 dBV/m</b>	Grid 3 <b>M4</b> <b>21.77 dBV/m</b>
Grid 4 <b>M4</b> <b>21.46 dBV/m</b>	Grid 5 <b>M4</b> <b>21.37 dBV/m</b>	Grid 6 <b>M4</b> <b>22.05 dBV/m</b>
Grid 7 <b>M4</b> <b>20.88 dBV/m</b>	Grid 8 <b>M4</b> <b>21.41 dBV/m</b>	Grid 9 <b>M4</b> <b>22.06 dBV/m</b>

**Cursor:**

Total = 24.16 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 16.13 V/m = 24.15 dBV/m

### #08\_HAC\_E\_LTE Band 41\_QPSK\_1\_0\_Ch40185;Main

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 9.648 V/m; Power Drift = -0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 22.44 dBV/m

**Emission category: M4**

MIF scaled E-field

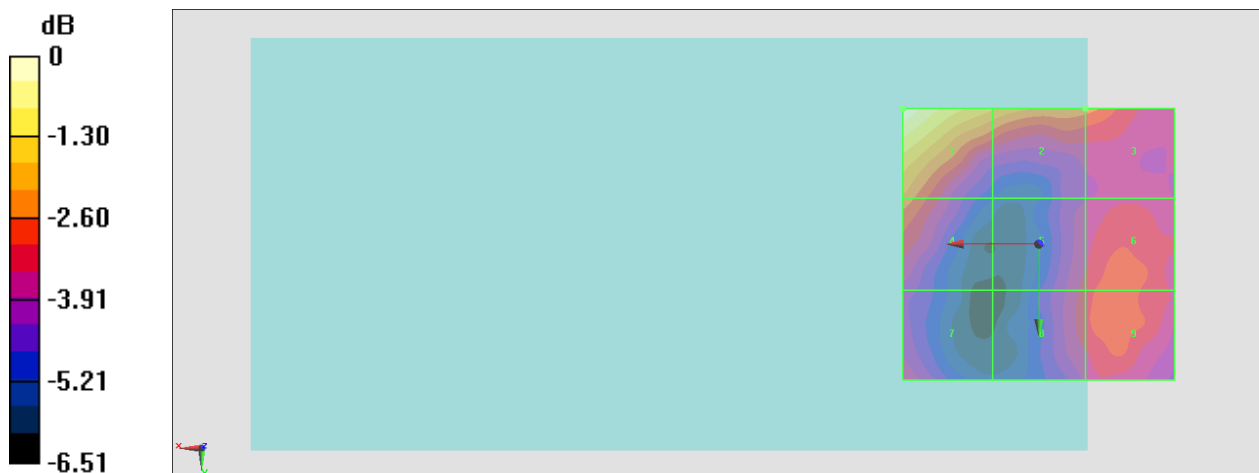
Grid 1 <b>M4</b> <b>22.44 dBV/m</b>	Grid 2 <b>M4</b> <b>20.81 dBV/m</b>	Grid 3 <b>M4</b> <b>20.1 dBV/m</b>
Grid 4 <b>M4</b> <b>20.2 dBV/m</b>	Grid 5 <b>M4</b> <b>19.18 dBV/m</b>	Grid 6 <b>M4</b> <b>19.72 dBV/m</b>
Grid 7 <b>M4</b> <b>19.01 dBV/m</b>	Grid 8 <b>M4</b> <b>19.29 dBV/m</b>	Grid 9 <b>M4</b> <b>19.74 dBV/m</b>

**Cursor:**

Total = 22.44 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 13.25 V/m = 22.44 dBV/m



### #09\_HAC\_E\_LTE Band 41\_QPSK\_1\_0\_Ch40620;Main

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz;Duty Cycle: 1:8.87156

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 8.944 V/m; Power Drift = 0.11 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.82 dBV/m

**Emission category: M4**

MIF scaled E-field

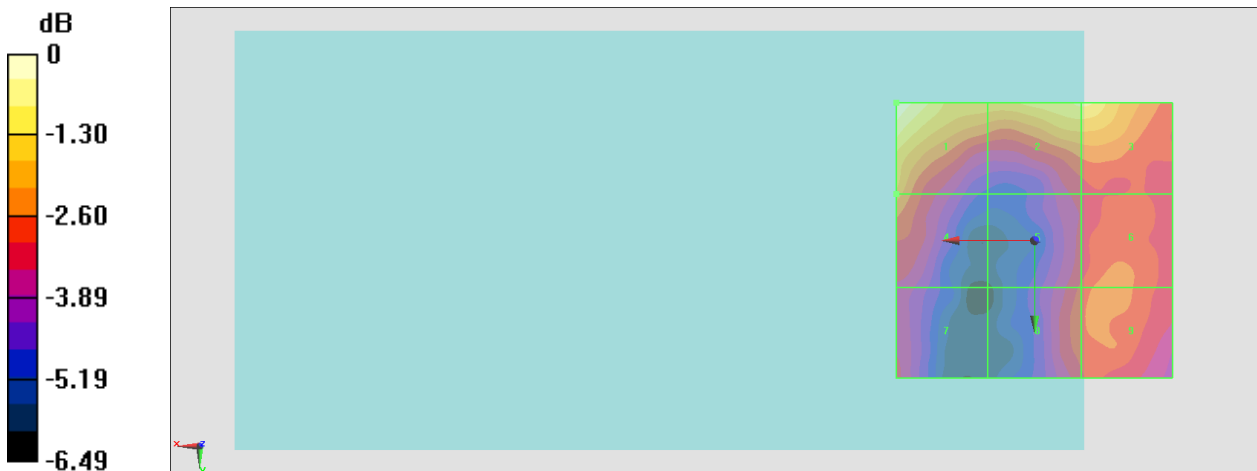
<b>Grid 1 M4</b> <b>20.82 dBV/m</b>	<b>Grid 2 M4</b> <b>20.09 dBV/m</b>	<b>Grid 3 M4</b> <b>20.09 dBV/m</b>
<b>Grid 4 M4</b> <b>18.95 dBV/m</b>	<b>Grid 5 M4</b> <b>17.92 dBV/m</b>	<b>Grid 6 M4</b> <b>18.51 dBV/m</b>
<b>Grid 7 M4</b> <b>17.6 dBV/m</b>	<b>Grid 8 M4</b> <b>18.15 dBV/m</b>	<b>Grid 9 M4</b> <b>18.56 dBV/m</b>

**Cursor:**

Total = 20.82 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 10.99 V/m = 20.82 dBV/m

### #10\_HAC\_E\_LTE Band 41\_QPSK\_1\_0\_Ch41055;Main

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 7.162 V/m; Power Drift = -0.14 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.38 dBV/m

**Emission category: M4**

MIF scaled E-field

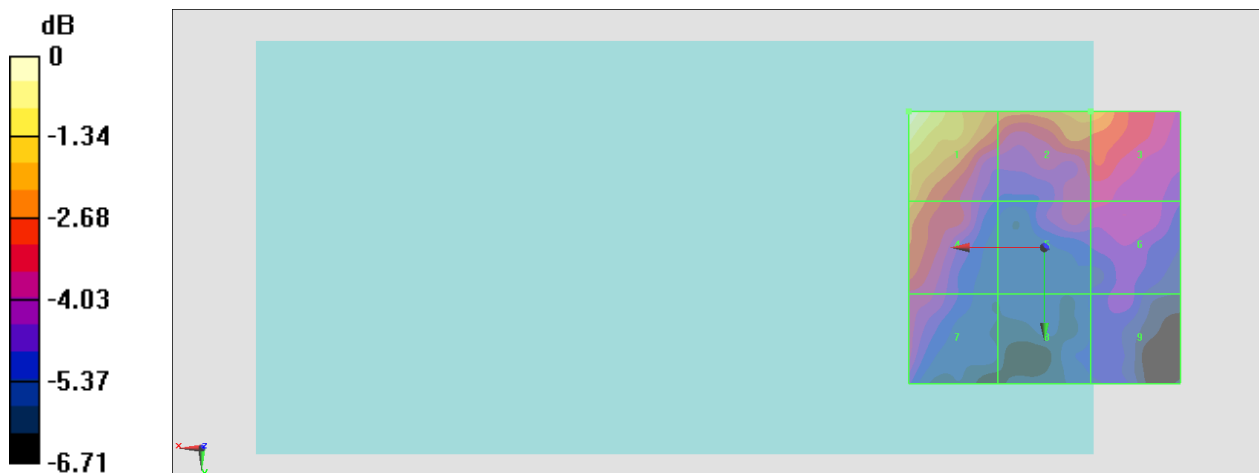
Grid 1 <b>M4</b> <b>19.38 dBV/m</b>	Grid 2 <b>M4</b> <b>17.43 dBV/m</b>	Grid 3 <b>M4</b> <b>17.43 dBV/m</b>
Grid 4 <b>M4</b> <b>17.45 dBV/m</b>	Grid 5 <b>M4</b> <b>15.66 dBV/m</b>	Grid 6 <b>M4</b> <b>15.54 dBV/m</b>
Grid 7 <b>M4</b> <b>15.71 dBV/m</b>	Grid 8 <b>M4</b> <b>14.14 dBV/m</b>	Grid 9 <b>M4</b> <b>14.73 dBV/m</b>

**Cursor:**

Total = 19.38 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 9.314 V/m = 19.38 dBV/m

### #11\_HAC\_E\_LTE Band 41\_QPSK\_1\_0\_Ch41490;Main

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz;Duty Cycle: 1:8.87156

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 6.894 V/m; Power Drift = 0.17 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.48 dBV/m

**Emission category: M4**

MIF scaled E-field

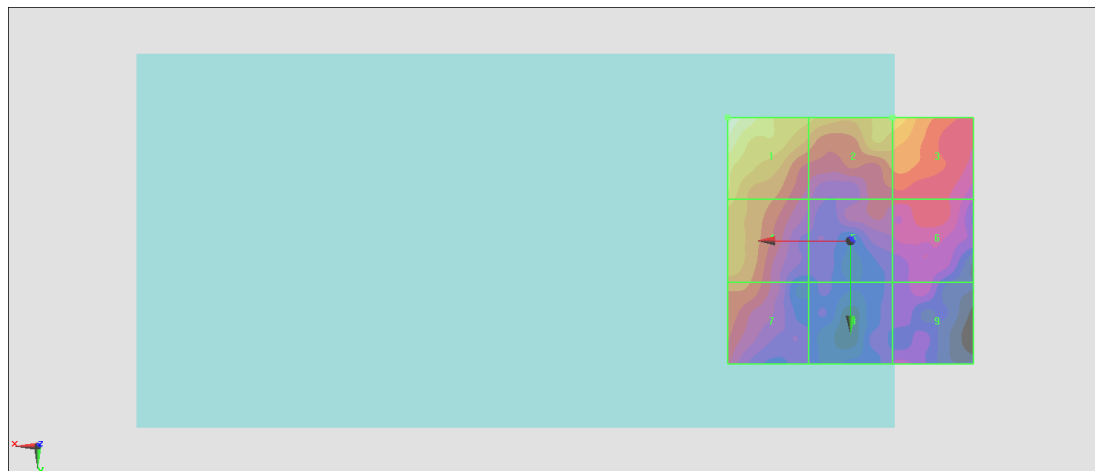
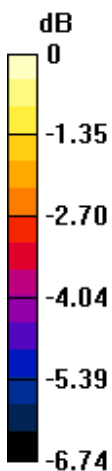
Grid 1 <b>M4</b> <b>18.48 dBV/m</b>	Grid 2 <b>M4</b> <b>16.93 dBV/m</b>	Grid 3 <b>M4</b> <b>16.93 dBV/m</b>
Grid 4 <b>M4</b> <b>17.02 dBV/m</b>	Grid 5 <b>M4</b> <b>15.12 dBV/m</b>	Grid 6 <b>M4</b> <b>15.3 dBV/m</b>
Grid 7 <b>M4</b> <b>16 dBV/m</b>	Grid 8 <b>M4</b> <b>14.09 dBV/m</b>	Grid 9 <b>M4</b> <b>14.31 dBV/m</b>

**Cursor:**

Total = 18.48 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 8.395 V/m = 18.48 dBV/m

## #12\_HAC\_E\_LTE Band 41 HPUE\_QPSK\_1\_0\_Ch39750;Main

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz;Duty Cycle: 1:8.87156

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 14.23 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.66 dBV/m

**Emission category: M4**

MIF scaled E-field

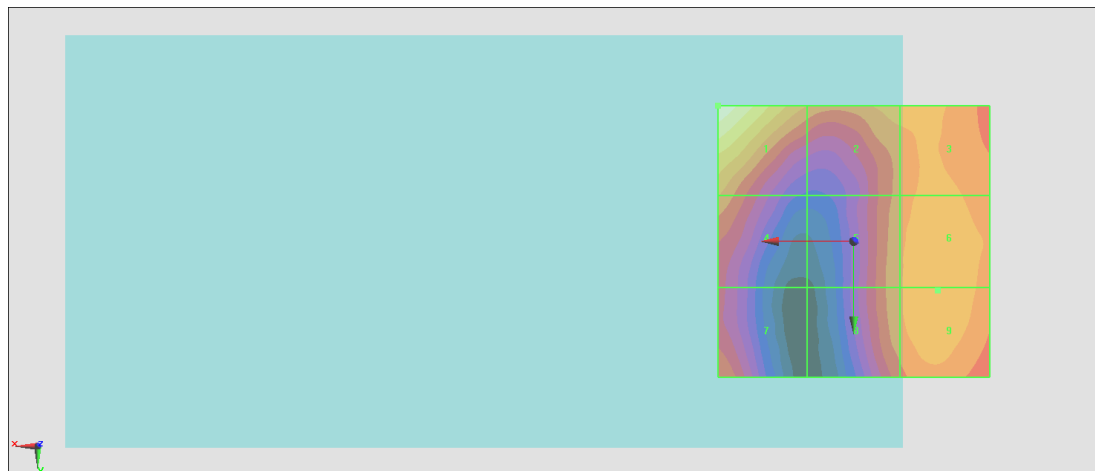
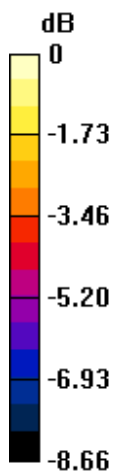
Grid 1 <b>M4</b> <b>25.66 dBV/m</b>	Grid 2 <b>M4</b> <b>23.08 dBV/m</b>	Grid 3 <b>M4</b> <b>23.1 dBV/m</b>
Grid 4 <b>M4</b> <b>22.84 dBV/m</b>	Grid 5 <b>M4</b> <b>22.72 dBV/m</b>	Grid 6 <b>M4</b> <b>23.34 dBV/m</b>
Grid 7 <b>M4</b> <b>22.27 dBV/m</b>	Grid 8 <b>M4</b> <b>22.71 dBV/m</b>	Grid 9 <b>M4</b> <b>23.35 dBV/m</b>

**Cursor:**

Total = 25.66 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 19.18 V/m = 25.66 dBV/m

### #13\_HAC\_E\_LTE Band 41 HPUE\_QPSK\_1\_0\_Ch40185;Main

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 11.43 V/m; Power Drift = -0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.93 dBV/m

**Emission category: M4**

MIF scaled E-field

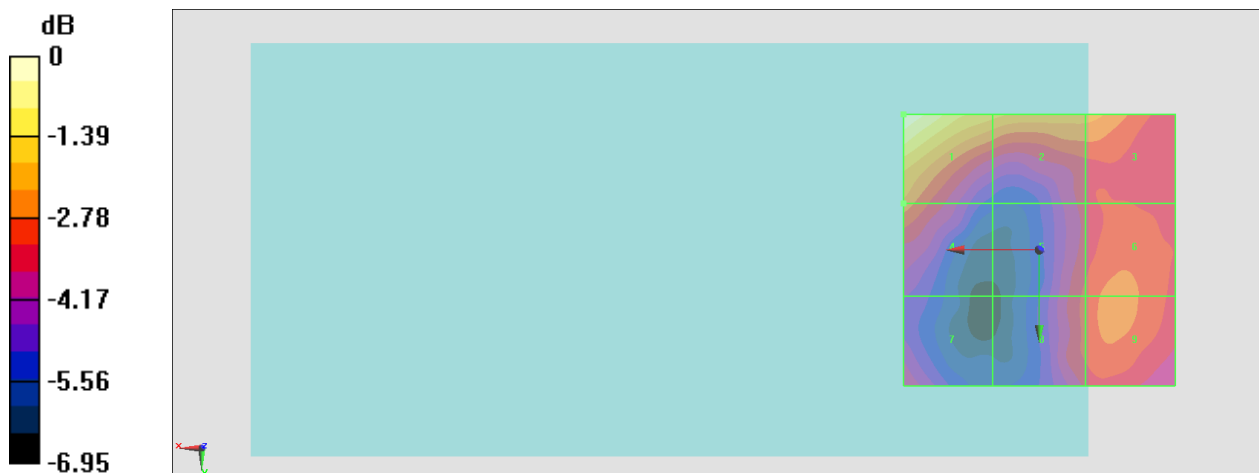
Grid 1 M4 <b>23.93 dBV/m</b>	Grid 2 M4 <b>22.31 dBV/m</b>	Grid 3 M4 <b>21.85 dBV/m</b>
Grid 4 M4 <b>21.48 dBV/m</b>	Grid 5 M4 <b>20.83 dBV/m</b>	Grid 6 M4 <b>21.33 dBV/m</b>
Grid 7 M4 <b>20.29 dBV/m</b>	Grid 8 M4 <b>20.87 dBV/m</b>	Grid 9 M4 <b>21.34 dBV/m</b>

**Cursor:**

Total = 23.93 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 15.72 V/m = 23.93 dBV/m

### #14\_HAC\_E\_LTE Band 41 HPUE\_QPSK\_1\_0\_Ch40620;Main

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz;Duty Cycle: 1:8.87156

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 8.096 V/m; Power Drift = -0.15 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.60 dBV/m

**Emission category: M4**

MIF scaled E-field

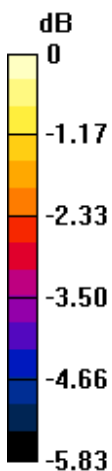
Grid 1 <b>M4</b> <b>19.6 dBV/m</b>	Grid 2 <b>M4</b> <b>18.46 dBV/m</b>	Grid 3 <b>M4</b> <b>18.4 dBV/m</b>
Grid 4 <b>M4</b> <b>17.75 dBV/m</b>	Grid 5 <b>M4</b> <b>16.22 dBV/m</b>	Grid 6 <b>M4</b> <b>16.83 dBV/m</b>
Grid 7 <b>M4</b> <b>16.54 dBV/m</b>	Grid 8 <b>M4</b> <b>16.48 dBV/m</b>	Grid 9 <b>M4</b> <b>16.9 dBV/m</b>

**Cursor:**

Total = 19.60 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 9.554 V/m = 19.60 dBV/m

### #15\_HAC\_E\_LTE Band 41 HPUE\_QPSK\_1\_0\_Ch41055;Main

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz;Duty Cycle: 1:8.87156

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 7.419 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.98 dBV/m

**Emission category: M4**

MIF scaled E-field

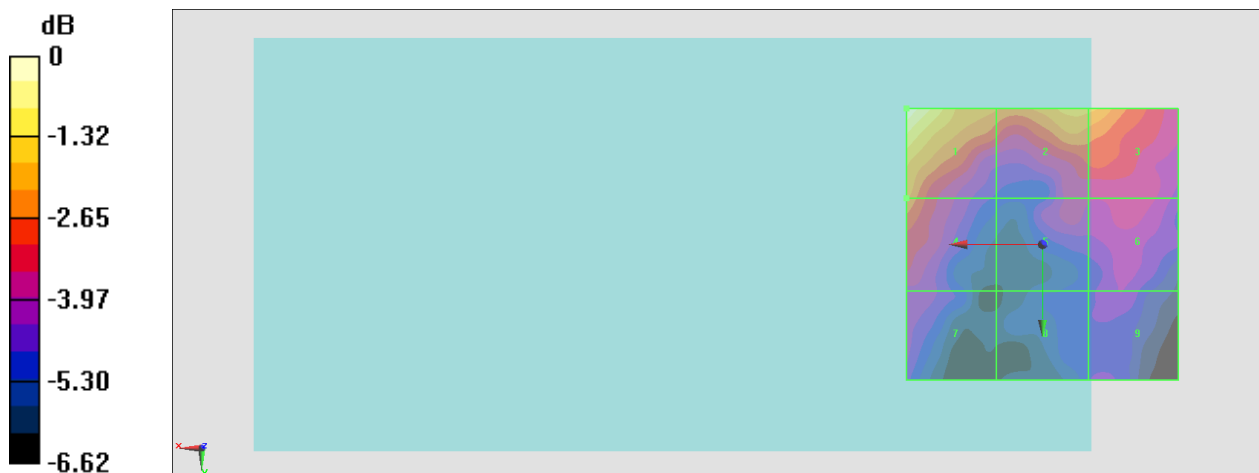
Grid 1 <b>M4</b> <b>19.98 dBV/m</b>	Grid 2 <b>M4</b> <b>18.41 dBV/m</b>	Grid 3 <b>M4</b> <b>18.37 dBV/m</b>
Grid 4 <b>M4</b> <b>17.91 dBV/m</b>	Grid 5 <b>M4</b> <b>16.29 dBV/m</b>	Grid 6 <b>M4</b> <b>16.32 dBV/m</b>
Grid 7 <b>M4</b> <b>15.91 dBV/m</b>	Grid 8 <b>M4</b> <b>15.13 dBV/m</b>	Grid 9 <b>M4</b> <b>15.59 dBV/m</b>

**Cursor:**

Total = 19.98 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 9.977 V/m = 19.98 dBV/m

### #16\_HAC\_E\_LTE Band 41 HPUE\_QPSK\_1\_0\_Ch41490;Main

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz;Duty Cycle: 1:8.87156

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 7.277 V/m; Power Drift = -0.11 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.02 dBV/m

**Emission category: M4**

MIF scaled E-field

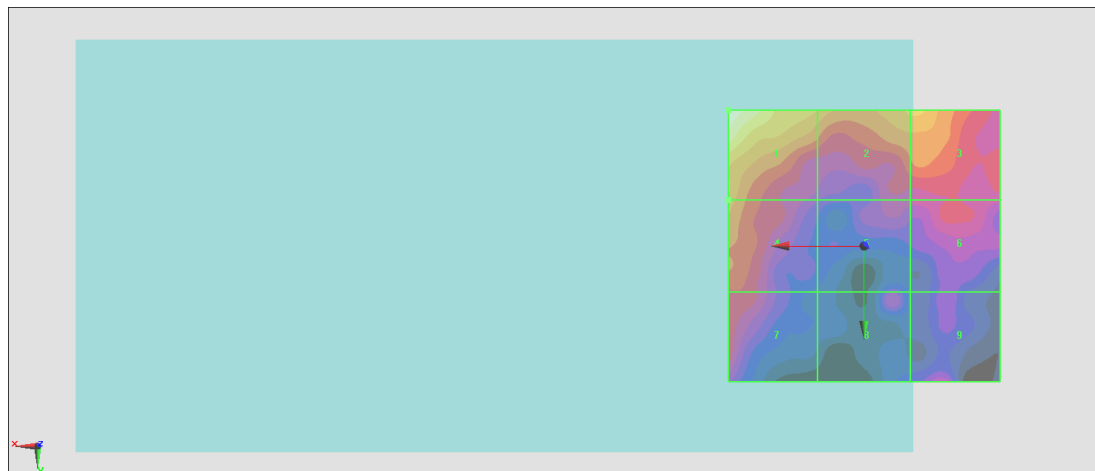
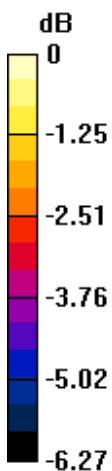
Grid 1 <b>M4</b> <b>19.02 dBV/m</b>	Grid 2 <b>M4</b> <b>17.48 dBV/m</b>	Grid 3 <b>M4</b> <b>17.5 dBV/m</b>
Grid 4 <b>M4</b> <b>17.28 dBV/m</b>	Grid 5 <b>M4</b> <b>15.58 dBV/m</b>	Grid 6 <b>M4</b> <b>15.86 dBV/m</b>
Grid 7 <b>M4</b> <b>16.12 dBV/m</b>	Grid 8 <b>M4</b> <b>15.3 dBV/m</b>	Grid 9 <b>M4</b> <b>15.26 dBV/m</b>

**Cursor:**

Total = 19.02 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 8.937 V/m = 19.02 dBV/m



### #17\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch1;Main

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 36.95 V/m; Power Drift = -0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 31.24 dBV/m

**Emission category: M3**

MIF scaled E-field

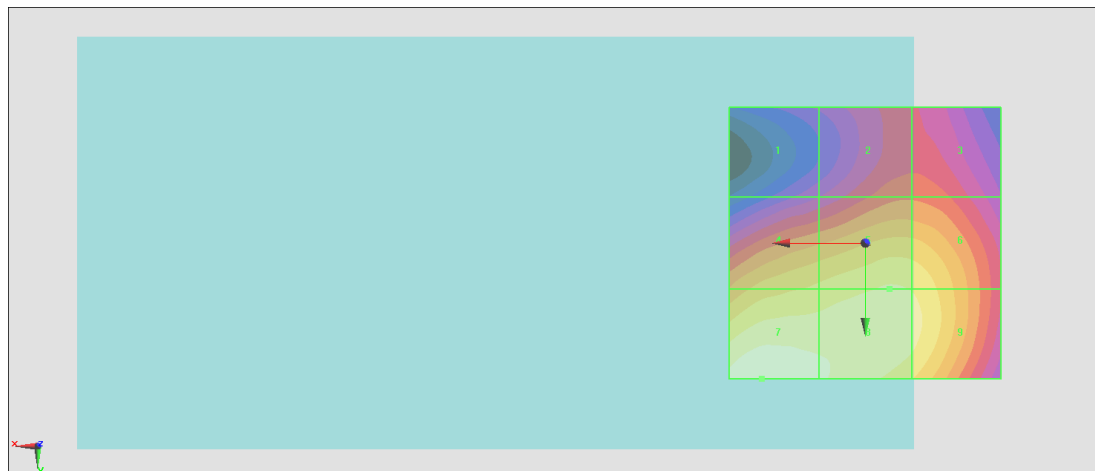
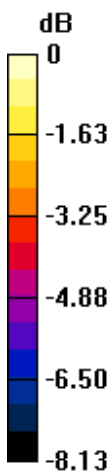
Grid 1 <b>M4</b> <b>26.38 dBV/m</b>	Grid 2 <b>M4</b> <b>27.93 dBV/m</b>	Grid 3 <b>M4</b> <b>27.92 dBV/m</b>
Grid 4 <b>M4</b> <b>29.75 dBV/m</b>	Grid 5 <b>M3</b> <b>30.23 dBV/m</b>	Grid 6 <b>M3</b> <b>30.13 dBV/m</b>
Grid 7 <b>M3</b> <b>31.24 dBV/m</b>	Grid 8 <b>M3</b> <b>30.78 dBV/m</b>	Grid 9 <b>M3</b> <b>30.38 dBV/m</b>

**Cursor:**

Total = 31.24 dBV/m

E Category: M3

Location: 19, 25, 8.7 mm



0 dB = 36.47 V/m = 31.24 dBV/m

## #18\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch6;Main

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 35.08 V/m; Power Drift = 0.00 dB

Applied MIF = 0.12 dB

RF audio interference level = 30.81 dBV/m

**Emission category: M3**

MIF scaled E-field

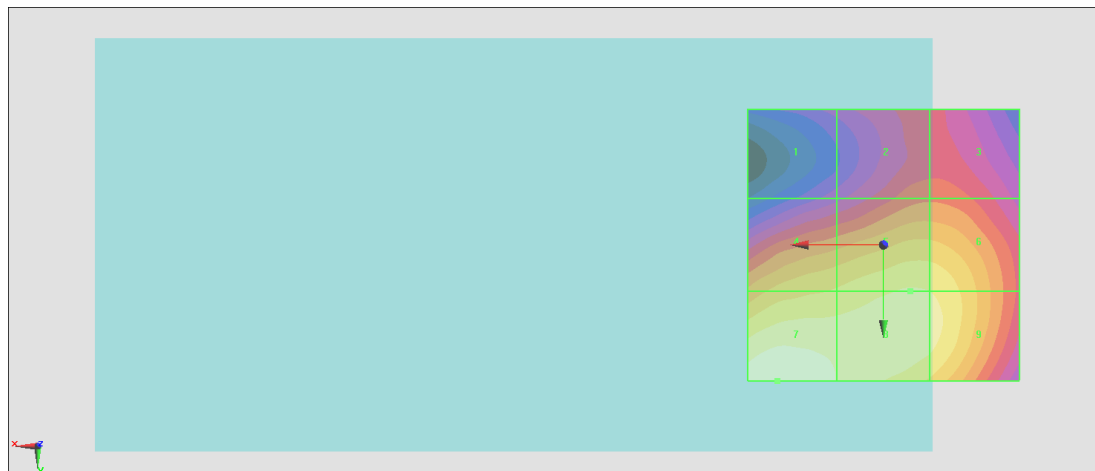
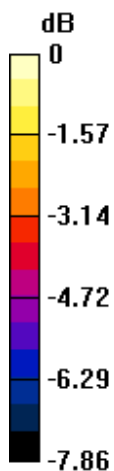
Grid 1 <b>M4</b> <b>25.98 dBV/m</b>	Grid 2 <b>M4</b> <b>27.59 dBV/m</b>	Grid 3 <b>M4</b> <b>27.59 dBV/m</b>
Grid 4 <b>M4</b> <b>29.31 dBV/m</b>	Grid 5 <b>M4</b> <b>29.83 dBV/m</b>	Grid 6 <b>M4</b> <b>29.76 dBV/m</b>
Grid 7 <b>M3</b> <b>30.81 dBV/m</b>	Grid 8 <b>M3</b> <b>30.27 dBV/m</b>	Grid 9 <b>M3</b> <b>30.01 dBV/m</b>

**Cursor:**

Total = 30.81 dBV/m

E Category: M3

Location: 19.5, 25, 8.7 mm



0 dB = 34.71 V/m = 30.81 dBV/m

### #19\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch11;Main

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 34.14 V/m; Power Drift = 0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 30.34 dBV/m

**Emission category: M3**

MIF scaled E-field

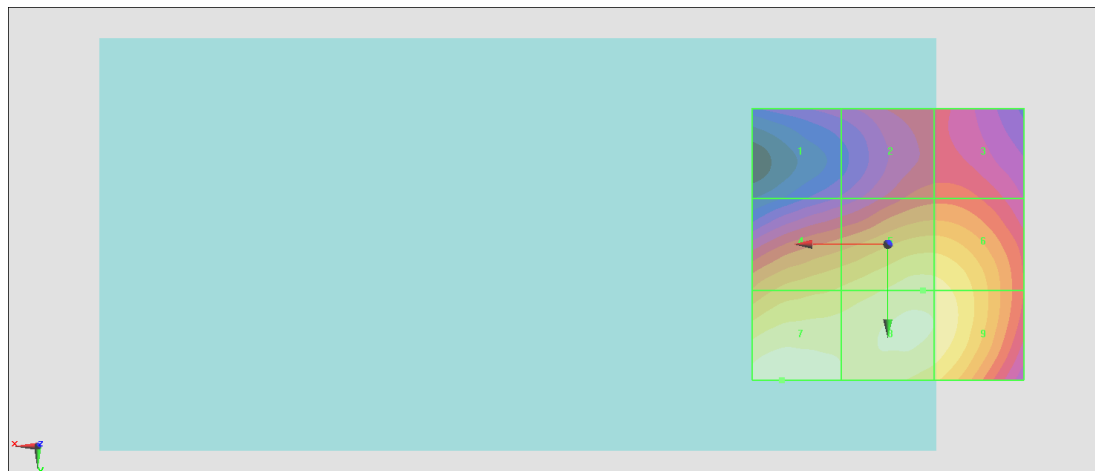
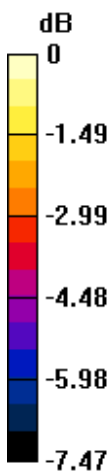
Grid 1 <b>M4</b> <b>25.75 dBV/m</b>	Grid 2 <b>M4</b> <b>27.2 dBV/m</b>	Grid 3 <b>M4</b> <b>27.21 dBV/m</b>
Grid 4 <b>M4</b> <b>28.94 dBV/m</b>	Grid 5 <b>M4</b> <b>29.61 dBV/m</b>	Grid 6 <b>M4</b> <b>29.58 dBV/m</b>
Grid 7 <b>M3</b> <b>30.34 dBV/m</b>	Grid 8 <b>M4</b> <b>29.96 dBV/m</b>	Grid 9 <b>M4</b> <b>29.85 dBV/m</b>

**Cursor:**

Total = 30.34 dBV/m

E Category: M3

Location: 19.5, 25, 8.7 mm



0 dB = 32.90 V/m = 30.34 dBV/m