

### #01\_HAC\_E\_GSM850\_Voice\_Ch128;Ant 4

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- 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 = 28.50 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.75 dBV/m

**Emission category: M4**

MIF scaled E-field

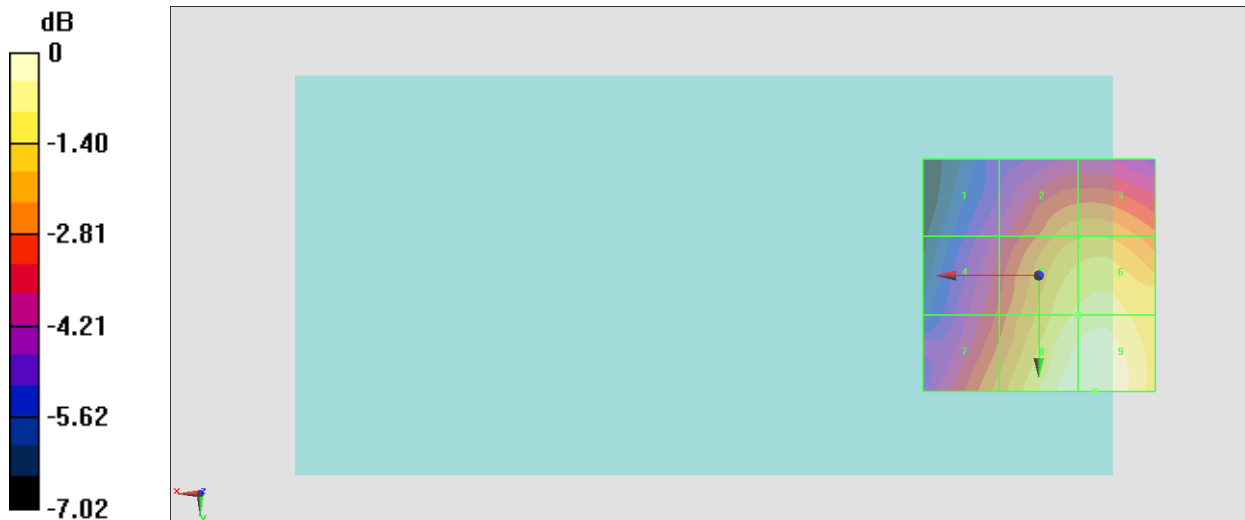
<b>Grid 1 M4</b> <b>28.8 dBV/m</b>	<b>Grid 2 M4</b> <b>30.81 dBV/m</b>	<b>Grid 3 M4</b> <b>30.88 dBV/m</b>
<b>Grid 4 M4</b> <b>29.66 dBV/m</b>	<b>Grid 5 M4</b> <b>31.95 dBV/m</b>	<b>Grid 6 M4</b> <b>32.14 dBV/m</b>
<b>Grid 7 M4</b> <b>30.67 dBV/m</b>	<b>Grid 8 M4</b> <b>32.67 dBV/m</b>	<b>Grid 9 M4</b> <b>32.75 dBV/m</b>

**Cursor:**

Total = 32.75 dBV/m

E Category: M4

Location: -12, 25, 9.7 mm



0 dB = 43.40 V/m = 32.75 dBV/m

## #02\_HAC\_E\_GSM850\_Voice\_Ch189;Ant 4

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz;Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- 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 = 28.07 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.21 dBV/m

**Emission category: M4**

MIF scaled E-field

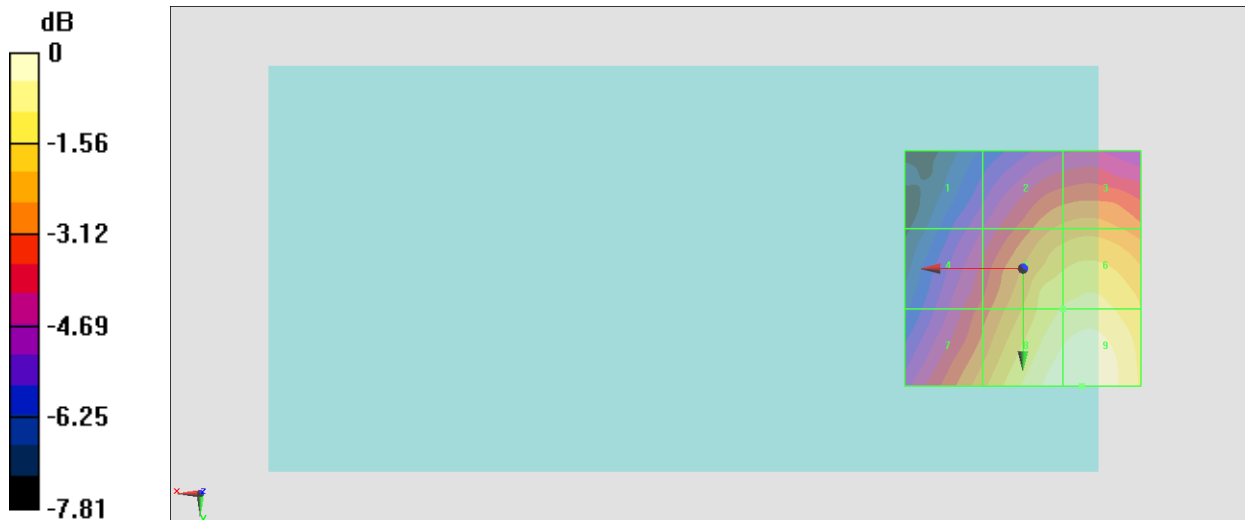
Grid 1 <b>M4</b> <b>28.56 dBV/m</b>	Grid 2 <b>M4</b> <b>30.77 dBV/m</b>	Grid 3 <b>M4</b> <b>30.92 dBV/m</b>
Grid 4 <b>M4</b> <b>29.82 dBV/m</b>	Grid 5 <b>M4</b> <b>32.21 dBV/m</b>	Grid 6 <b>M4</b> <b>32.42 dBV/m</b>
Grid 7 <b>M4</b> <b>31.01 dBV/m</b>	Grid 8 <b>M4</b> <b>33.1 dBV/m</b>	Grid 9 <b>M4</b> <b>33.21 dBV/m</b>

**Cursor:**

Total = 33.21 dBV/m

E Category: M4

Location: -12.5, 25, 9.7 mm



0 dB = 45.77 V/m = 33.21 dBV/m

### #03\_HAC\_E\_GSM850\_Voice\_Ch251;Ant 4

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- 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 = 27.61 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.30 dBV/m

**Emission category: M4**

MIF scaled E-field

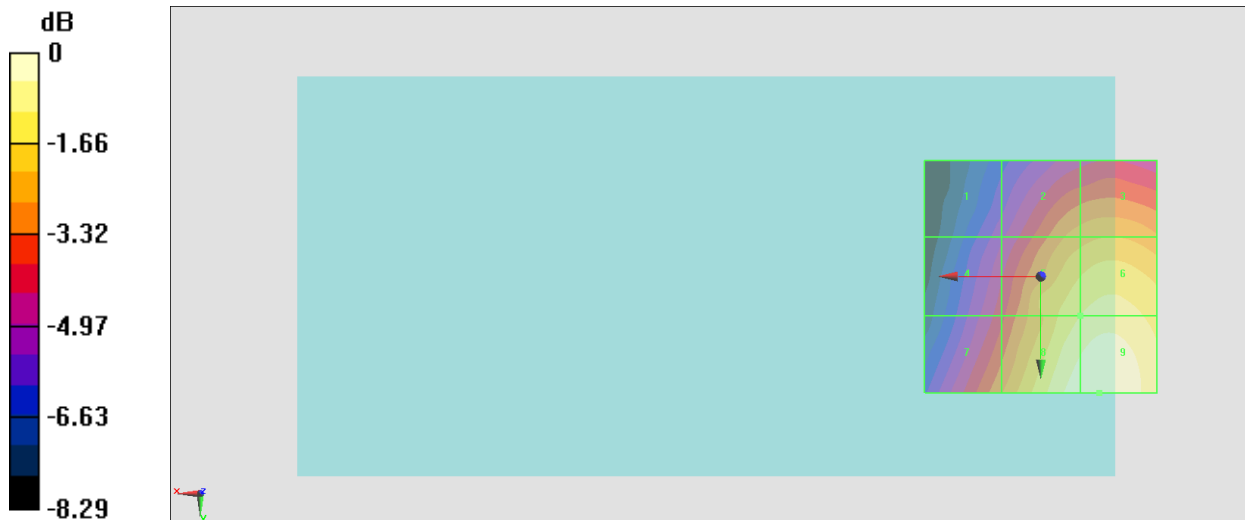
Grid 1 M4 28.22 dBV/m	Grid 2 M4 30.85 dBV/m	Grid 3 M4 31.11 dBV/m
Grid 4 M4 29.28 dBV/m	Grid 5 M4 32.21 dBV/m	Grid 6 M4 32.51 dBV/m
Grid 7 M4 30.51 dBV/m	Grid 8 M4 33.13 dBV/m	Grid 9 M4 33.3 dBV/m

**Cursor:**

Total = 33.30 dBV/m

E Category: M4

Location: -12.5, 25, 9.7 mm



0 dB = 46.25 V/m = 33.30 dBV/m

### #04\_HAC\_E\_GSM850\_Voice\_Ch251;Ant 4

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz;Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 29.87 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.59 dBV/m

**Emission category: M4**

MIF scaled E-field

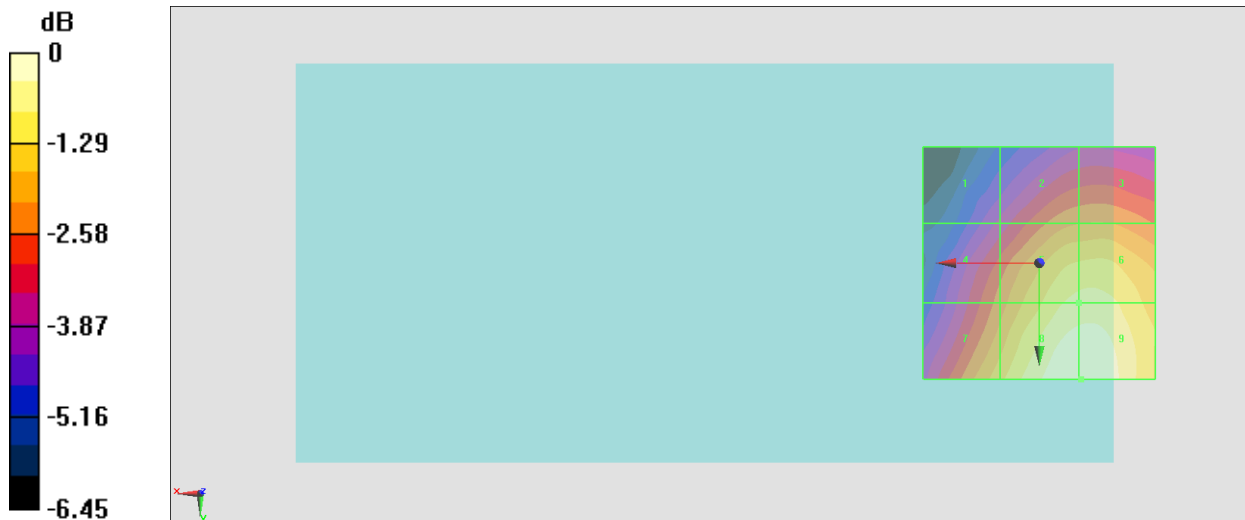
Grid 1 <b>M4</b> <b>28.88 dBV/m</b>	Grid 2 <b>M4</b> <b>30.43 dBV/m</b>	Grid 3 <b>M4</b> <b>30.49 dBV/m</b>
Grid 4 <b>M4</b> <b>30.22 dBV/m</b>	Grid 5 <b>M4</b> <b>31.87 dBV/m</b>	Grid 6 <b>M4</b> <b>31.91 dBV/m</b>
Grid 7 <b>M4</b> <b>31.18 dBV/m</b>	Grid 8 <b>M4</b> <b>32.59 dBV/m</b>	Grid 9 <b>M4</b> <b>32.59 dBV/m</b>

**Cursor:**

Total = 32.59 dBV/m

E Category: M4

Location: -9, 25, 8.7 mm



0 dB = 42.59 V/m = 32.59 dBV/m

### #05\_HAC\_E\_GSM850\_Voice\_Ch251;Ant 4

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 28.78 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.79 dBV/m

**Emission category: M4**

MIF scaled E-field

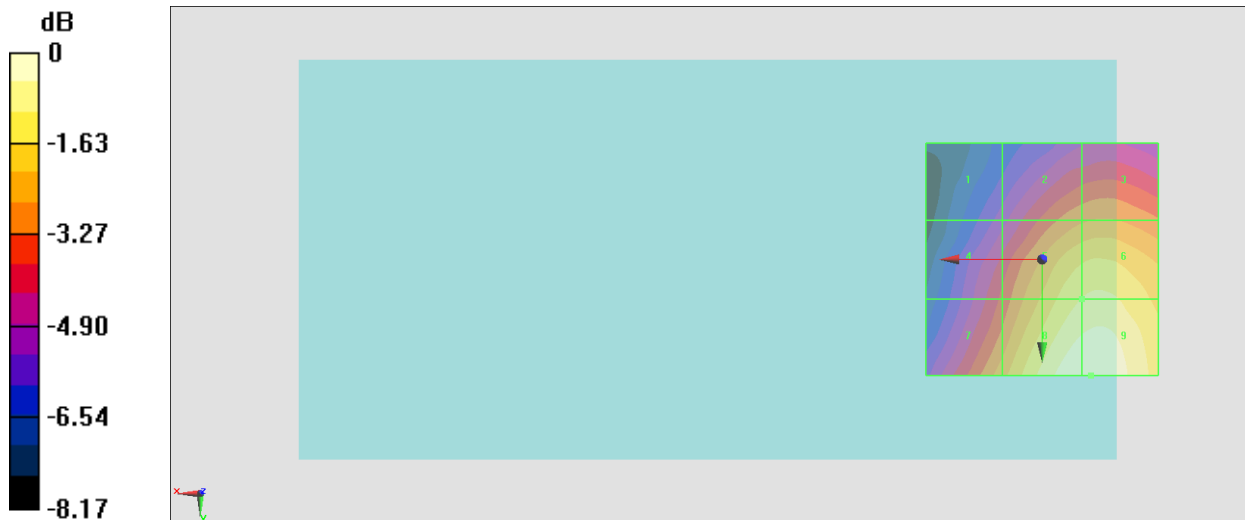
<b>Grid 1 M4</b> <b>27.7 dBV/m</b>	<b>Grid 2 M4</b> <b>29.97 dBV/m</b>	<b>Grid 3 M4</b> <b>30.12 dBV/m</b>
<b>Grid 4 M4</b> <b>29.17 dBV/m</b>	<b>Grid 5 M4</b> <b>31.71 dBV/m</b>	<b>Grid 6 M4</b> <b>31.84 dBV/m</b>
<b>Grid 7 M4</b> <b>30.46 dBV/m</b>	<b>Grid 8 M4</b> <b>32.75 dBV/m</b>	<b>Grid 9 M4</b> <b>32.79 dBV/m</b>

**Cursor:**

Total = 32.79 dBV/m

E Category: M4

Location: -10.5, 25, 8.7 mm



0 dB = 43.58 V/m = 32.79 dBV/m

### #06\_HAC\_E\_GSM850\_Voice\_Ch251;Ant 4

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- 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 = 30.13 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.66 dBV/m

**Emission category: M4**

MIF scaled E-field

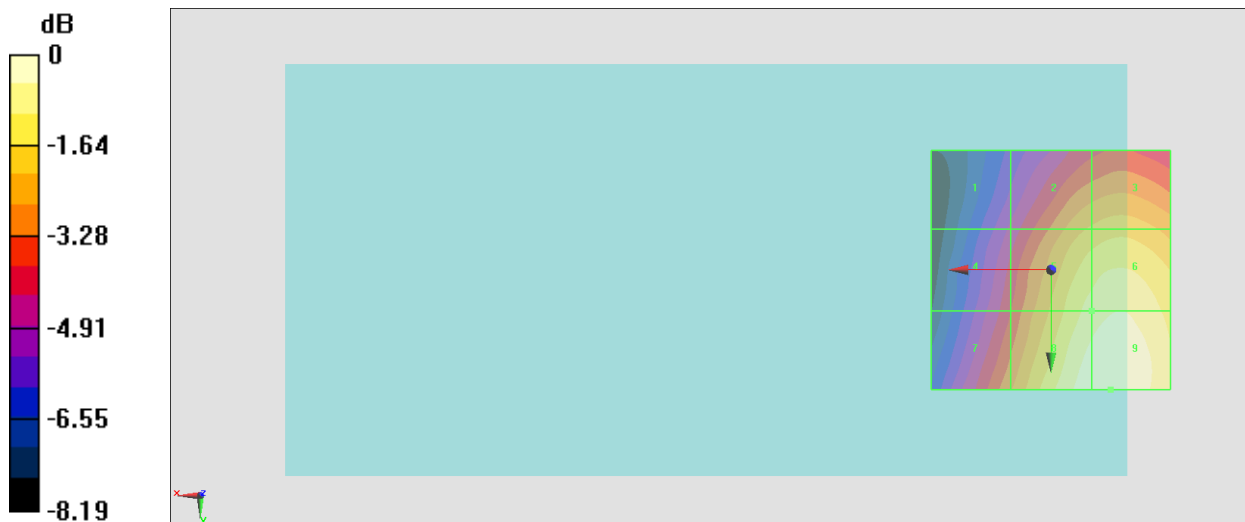
Grid 1 <b>M4</b> <b>28.9 dBV/m</b>	Grid 2 <b>M4</b> <b>31.59 dBV/m</b>	Grid 3 <b>M4</b> <b>31.84 dBV/m</b>
Grid 4 <b>M4</b> <b>29.83 dBV/m</b>	Grid 5 <b>M4</b> <b>32.81 dBV/m</b>	Grid 6 <b>M4</b> <b>33.11 dBV/m</b>
Grid 7 <b>M4</b> <b>30.89 dBV/m</b>	Grid 8 <b>M4</b> <b>33.51 dBV/m</b>	Grid 9 <b>M4</b> <b>33.66 dBV/m</b>

**Cursor:**

Total = 33.66 dBV/m

E Category: M4

Location: -12.5, 25, 9.7 mm



0 dB = 48.21 V/m = 33.66 dBV/m

### #07\_HAC\_E\_GSM850\_Voice\_Ch251;Ant 4

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- 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 = 28.20 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.28 dBV/m

**Emission category: M4**

MIF scaled E-field

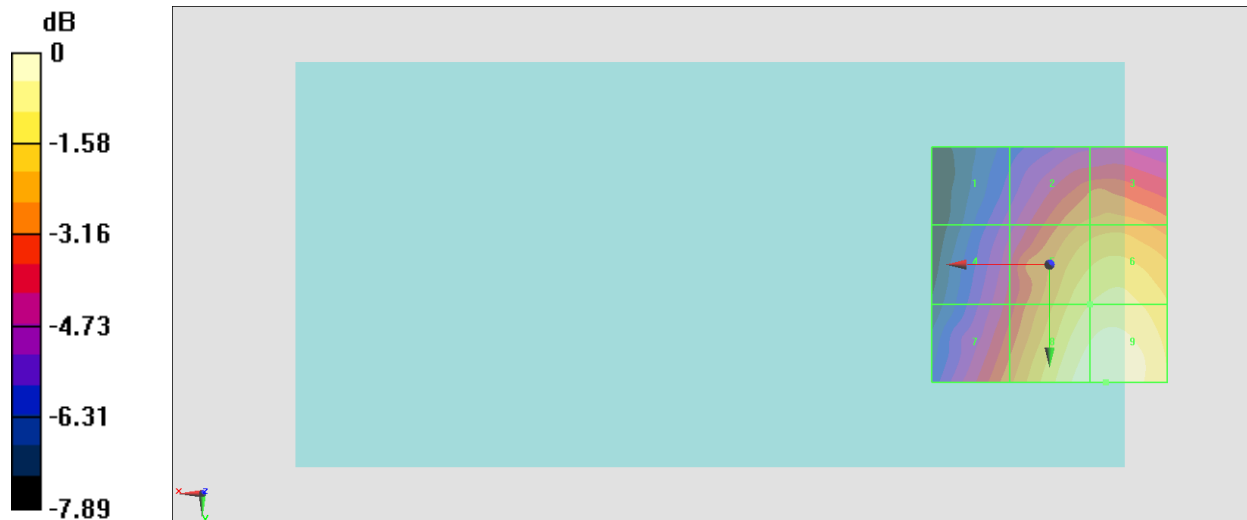
<b>Grid 1 M4</b> <b>28.35 dBV/m</b>	<b>Grid 2 M4</b> <b>30.81 dBV/m</b>	<b>Grid 3 M4</b> <b>30.95 dBV/m</b>
<b>Grid 4 M4</b> <b>29.35 dBV/m</b>	<b>Grid 5 M4</b> <b>32.24 dBV/m</b>	<b>Grid 6 M4</b> <b>32.47 dBV/m</b>
<b>Grid 7 M4</b> <b>30.54 dBV/m</b>	<b>Grid 8 M4</b> <b>33.16 dBV/m</b>	<b>Grid 9 M4</b> <b>33.28 dBV/m</b>

**Cursor:**

Total = 33.28 dBV/m

E Category: M4

Location: -12, 25, 9.7 mm



0 dB = 46.14 V/m = 33.28 dBV/m

### #08\_HAC\_E\_GSM1900\_Voice\_Ch512;Ant 4

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- 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 = 8.771 V/m; Power Drift = 0.18 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.19 dBV/m

**Emission category: M4**

MIF scaled E-field

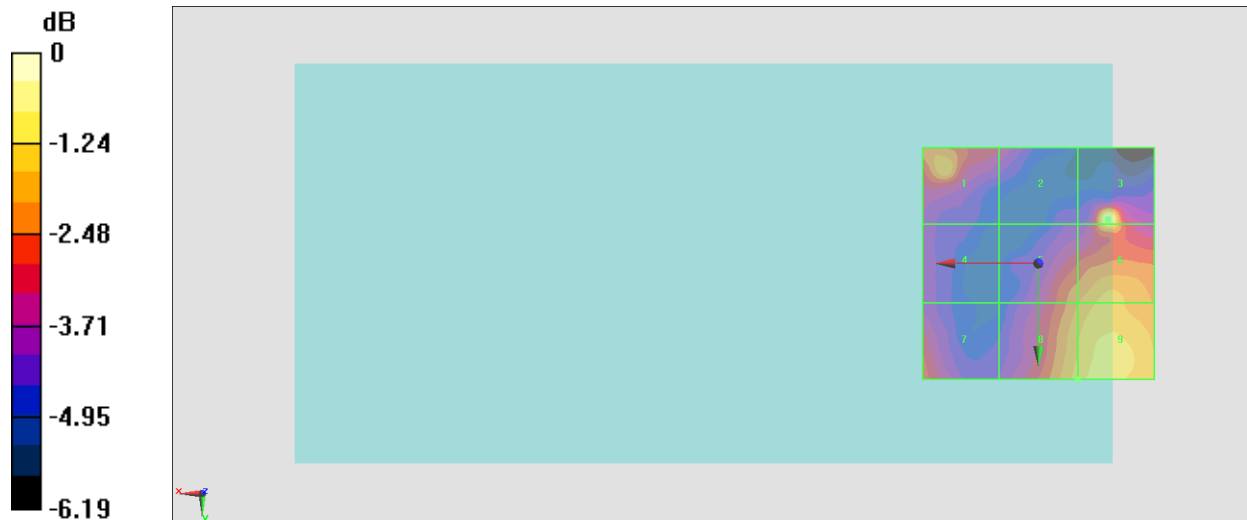
Grid 1 M4 23.54 dBV/m	Grid 2 M4 22 dBV/m	Grid 3 M4 25.19 dBV/m
Grid 4 M4 21.49 dBV/m	Grid 5 M4 23.11 dBV/m	Grid 6 M4 24.56 dBV/m
Grid 7 M4 22.65 dBV/m	Grid 8 M4 23.77 dBV/m	Grid 9 M4 24.21 dBV/m

#### Cursor:

Total = 25.19 dBV/m

E Category: M4

Location: -15, -9.5, 9.7 mm



0 dB = 18.18 V/m = 25.19 dBV/m



### #09\_HAC\_E\_GSM1900\_Voice\_Ch661;Ant 4

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- 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 = 9.941 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.59 dBV/m

**Emission category: M4**

MIF scaled E-field

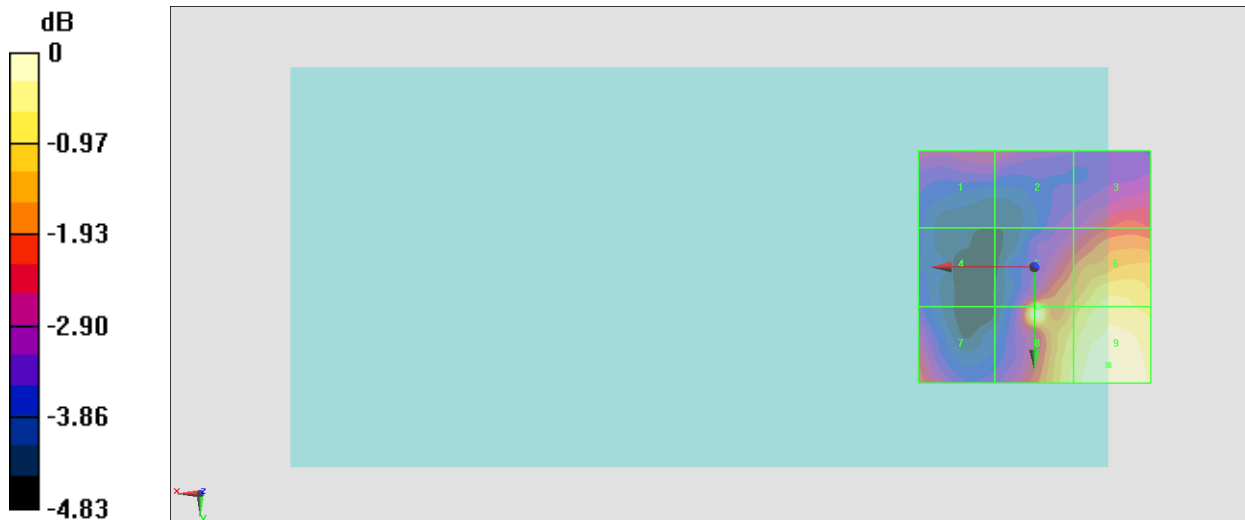
Grid 1 <b>M4</b> <b>23.1 dBV/m</b>	Grid 2 <b>M4</b> <b>23.08 dBV/m</b>	Grid 3 <b>M4</b> <b>23.52 dBV/m</b>
Grid 4 <b>M4</b> <b>22.17 dBV/m</b>	Grid 5 <b>M4</b> <b>24.63 dBV/m</b>	Grid 6 <b>M4</b> <b>25.09 dBV/m</b>
Grid 7 <b>M4</b> <b>23.67 dBV/m</b>	Grid 8 <b>M4</b> <b>25.4 dBV/m</b>	Grid 9 <b>M4</b> <b>25.59 dBV/m</b>

**Cursor:**

Total = 25.59 dBV/m

E Category: M4

Location: -16, 21, 9.7 mm



0 dB = 19.02 V/m = 25.58 dBV/m

### #10\_HAC\_E\_GSM1900\_Voice\_Ch810;Ant 4

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2022/3/28

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn376; Calibrated: 2021/11/22

- 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 = 7.163 V/m; Power Drift = 0.19 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.56 dBV/m

**Emission category: M4**

MIF scaled E-field

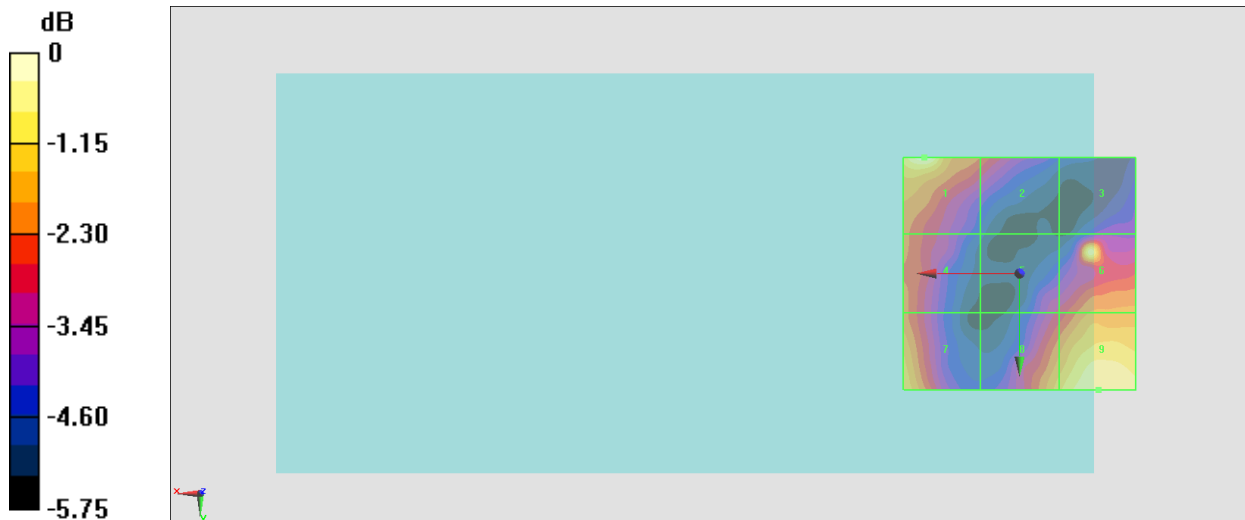
Grid 1 <b>M4</b> <b>25.56 dBV/m</b>	Grid 2 <b>M4</b> <b>23.29 dBV/m</b>	Grid 3 <b>M4</b> <b>21.68 dBV/m</b>
Grid 4 <b>M4</b> <b>23.45 dBV/m</b>	Grid 5 <b>M4</b> <b>22.64 dBV/m</b>	Grid 6 <b>M4</b> <b>25.07 dBV/m</b>
Grid 7 <b>M4</b> <b>24.42 dBV/m</b>	Grid 8 <b>M4</b> <b>24.3 dBV/m</b>	Grid 9 <b>M4</b> <b>25.12 dBV/m</b>

**Cursor:**

Total = 25.56 dBV/m

E Category: M4

Location: 20.5, -25, 9.7 mm



0 dB = 18.97 V/m = 25.56 dBV/m

### #11\_HAC\_E\_GSM1900\_Voice\_Ch661;Ant 4

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 7.885 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.44 dBV/m

**Emission category: M4**

MIF scaled E-field

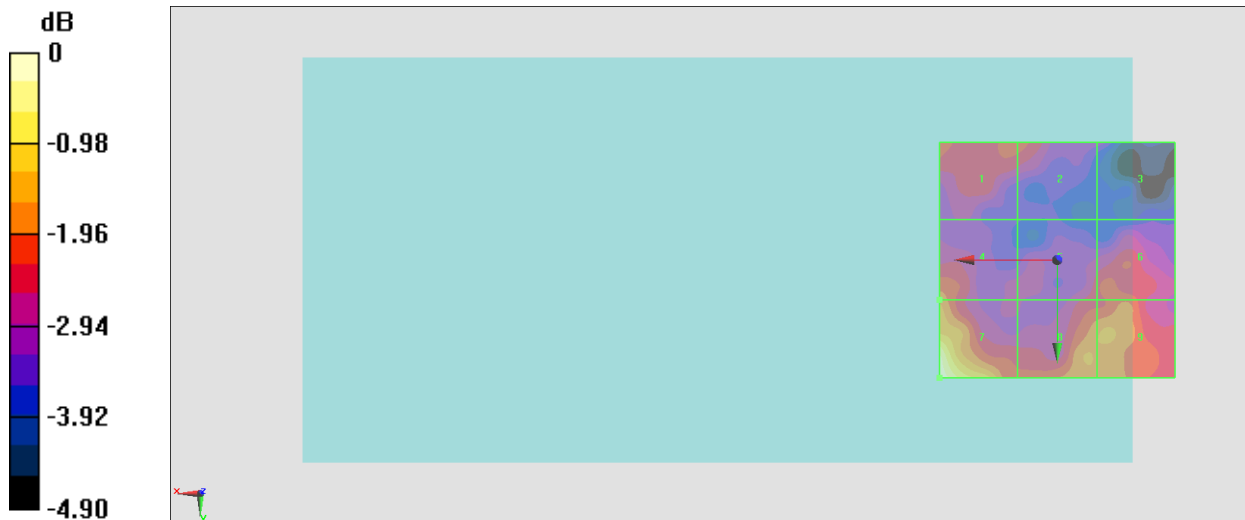
Grid 1 <b>M4</b> <b>20.53 dBV/m</b>	Grid 2 <b>M4</b> <b>20.31 dBV/m</b>	Grid 3 <b>M4</b> <b>19.48 dBV/m</b>
Grid 4 <b>M4</b> <b>20.76 dBV/m</b>	Grid 5 <b>M4</b> <b>20.08 dBV/m</b>	Grid 6 <b>M4</b> <b>20.43 dBV/m</b>
Grid 7 <b>M4</b> <b>22.44 dBV/m</b>	Grid 8 <b>M4</b> <b>20.84 dBV/m</b>	Grid 9 <b>M4</b> <b>20.88 dBV/m</b>

**Cursor:**

Total = 22.44 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 13.24 V/m = 22.44 dBV/m

## #12\_HAC\_E\_GSM1900\_Voice\_Ch661;Ant 4

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 8.963 V/m; Power Drift = -0.14 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.70 dBV/m

**Emission category: M4**

MIF scaled E-field

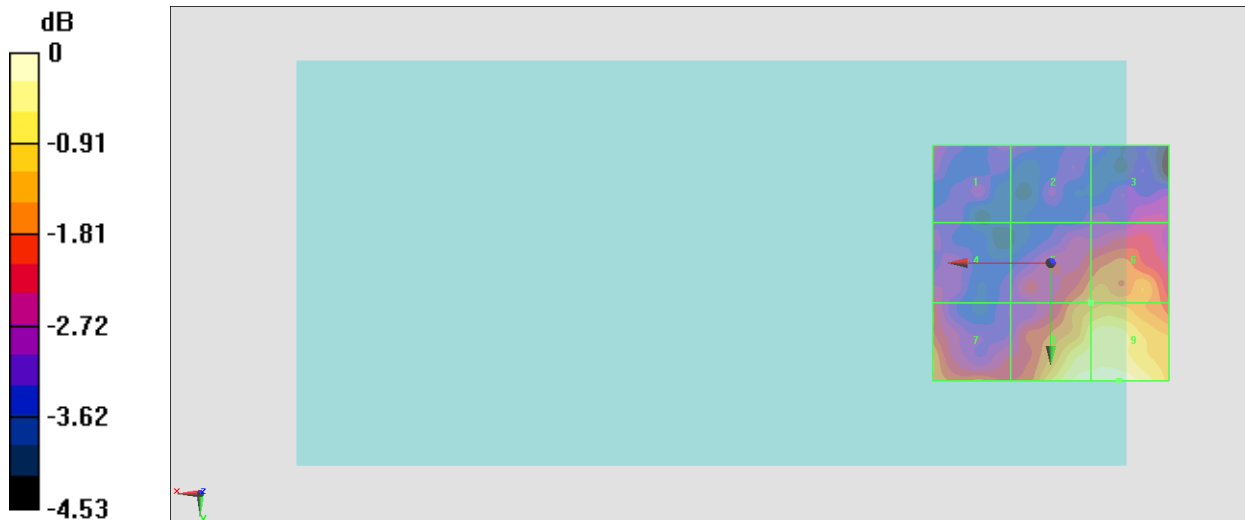
Grid 1 <b>M4</b> <b>20.24 dBV/m</b>	Grid 2 <b>M4</b> <b>19.83 dBV/m</b>	Grid 3 <b>M4</b> <b>20.12 dBV/m</b>
Grid 4 <b>M4</b> <b>20.46 dBV/m</b>	Grid 5 <b>M4</b> <b>21.34 dBV/m</b>	Grid 6 <b>M4</b> <b>21.5 dBV/m</b>
Grid 7 <b>M4</b> <b>21.27 dBV/m</b>	Grid 8 <b>M4</b> <b>22.54 dBV/m</b>	Grid 9 <b>M4</b> <b>22.7 dBV/m</b>

**Cursor:**

Total = 22.70 dBV/m

E Category: M4

Location: -14.5, 25, 8.7 mm



0 dB = 13.64 V/m = 22.70 dBV/m

### #13\_HAC\_E\_GSM1900\_Voice\_Ch661;Ant 4

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- 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 = 10.28 V/m; Power Drift = 0.15 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.10 dBV/m

**Emission category: M4**

MIF scaled E-field

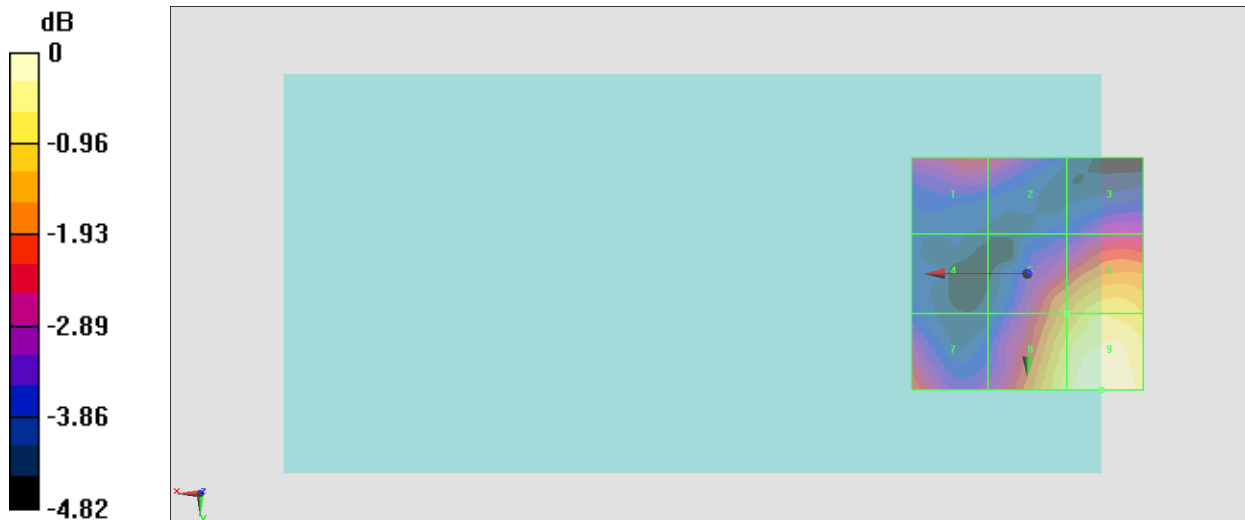
Grid 1 <b>M4</b> <b>23.93 dBV/m</b>	Grid 2 <b>M4</b> <b>23.86 dBV/m</b>	Grid 3 <b>M4</b> <b>23.36 dBV/m</b>
Grid 4 <b>M4</b> <b>22.47 dBV/m</b>	Grid 5 <b>M4</b> <b>24.75 dBV/m</b>	Grid 6 <b>M4</b> <b>25.44 dBV/m</b>
Grid 7 <b>M4</b> <b>24.28 dBV/m</b>	Grid 8 <b>M4</b> <b>25.66 dBV/m</b>	Grid 9 <b>M4</b> <b>26.1 dBV/m</b>

**Cursor:**

Total = 26.10 dBV/m

E Category: M4

Location: -16, 25, 9.7 mm



0 dB = 20.19 V/m = 26.10 dBV/m

### #14\_HAC\_E\_GSM1900\_Voice\_Ch661;Ant 4

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- 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 = 7.220 V/m; Power Drift = -0.18 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.23 dBV/m

**Emission category: M4**

MIF scaled E-field

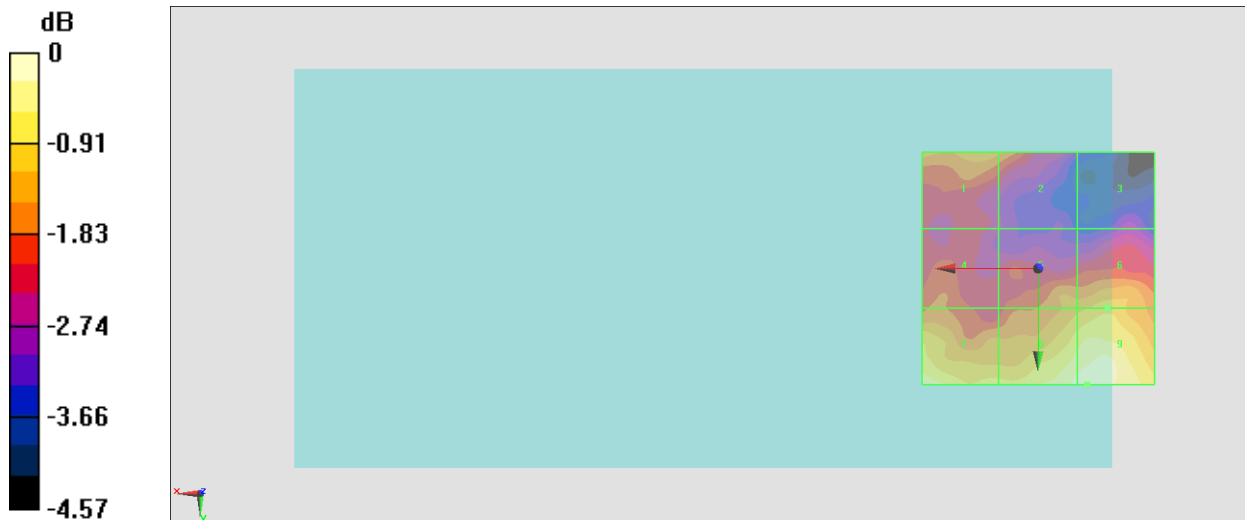
<b>Grid 1 M4</b> <b>20.96 dBV/m</b>	<b>Grid 2 M4</b> <b>20.82 dBV/m</b>	<b>Grid 3 M4</b> <b>19.37 dBV/m</b>
<b>Grid 4 M4</b> <b>20.46 dBV/m</b>	<b>Grid 5 M4</b> <b>20.91 dBV/m</b>	<b>Grid 6 M4</b> <b>21.2 dBV/m</b>
<b>Grid 7 M4</b> <b>21.88 dBV/m</b>	<b>Grid 8 M4</b> <b>22.13 dBV/m</b>	<b>Grid 9 M4</b> <b>22.23 dBV/m</b>

**Cursor:**

Total = 22.23 dBV/m

E Category: M4

Location: -10.5, 25, 9.7 mm



0 dB = 12.93 V/m = 22.23 dBV/m

**#15\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch39750;Ant 6**

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

**DASY5 Configuration**

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- 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 = 7.958 V/m; Power Drift = -0.18 dB

Applied MIF = -1.44 dB

RF audio interference level = 22.31 dBV/m

**Emission category: M4**

MIF scaled E-field

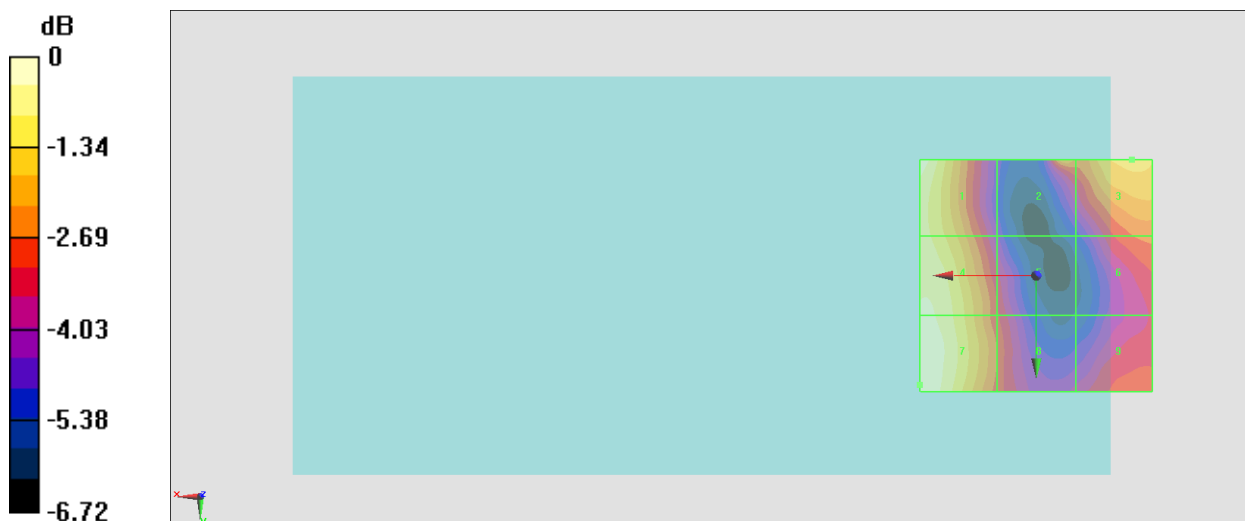
<b>Grid 1 M4</b> <b>22.22 dBV/m</b>	<b>Grid 2 M4</b> <b>20.61 dBV/m</b>	<b>Grid 3 M4</b> <b>21.11 dBV/m</b>
<b>Grid 4 M4</b> <b>21.94 dBV/m</b>	<b>Grid 5 M4</b> <b>19.28 dBV/m</b>	<b>Grid 6 M4</b> <b>19.75 dBV/m</b>
<b>Grid 7 M4</b> <b>22.31 dBV/m</b>	<b>Grid 8 M4</b> <b>19.62 dBV/m</b>	<b>Grid 9 M4</b> <b>19.47 dBV/m</b>

**Cursor:**

Total = 22.31 dBV/m

E Category: M4

Location: 25, 23.5, 9.7 mm



0 dB = 13.04 V/m = 22.31 dBV/m

### #16\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40620;Ant 6

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- 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 = 6.920 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.79 dBV/m

Emission category: **M4**

MIF scaled E-field

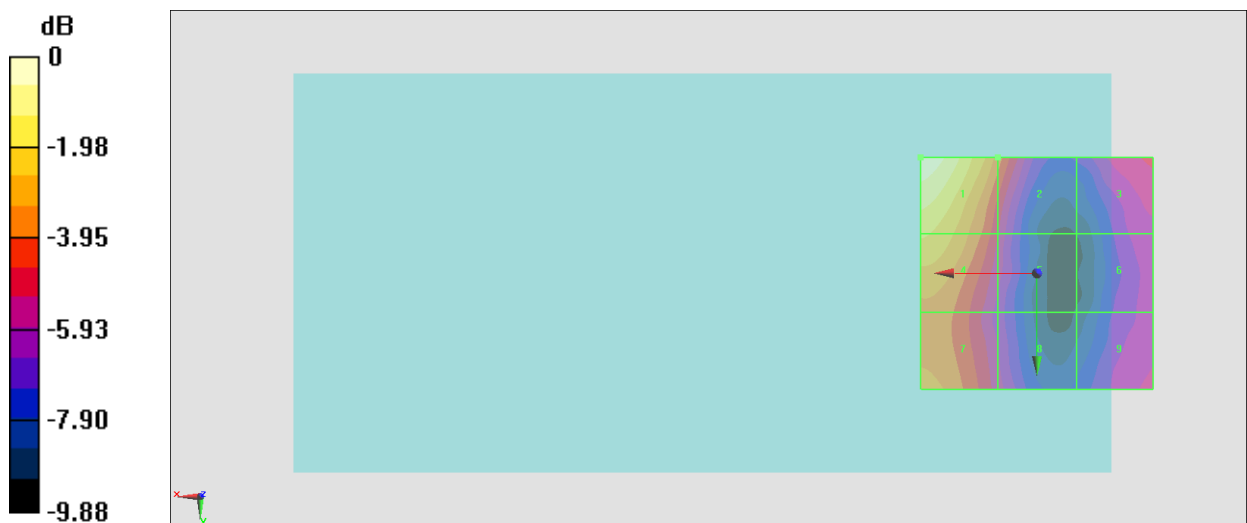
Grid 1 <b>M4</b> <b>24.79 dBV/m</b>	Grid 2 <b>M4</b> <b>21.28 dBV/m</b>	Grid 3 <b>M4</b> <b>19.69 dBV/m</b>
Grid 4 <b>M4</b> <b>22.94 dBV/m</b>	Grid 5 <b>M4</b> <b>19.61 dBV/m</b>	Grid 6 <b>M4</b> <b>18.69 dBV/m</b>
Grid 7 <b>M4</b> <b>21.77 dBV/m</b>	Grid 8 <b>M4</b> <b>19.26 dBV/m</b>	Grid 9 <b>M4</b> <b>19.03 dBV/m</b>

**Cursor:**

Total = 24.79 dBV/m

E Category: M4

Location: 25, -25, 9.7 mm



0 dB = 17.37 V/m = 24.80 dBV/m



### #17\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490;Ant 6

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- 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 = 8.270 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.02 dBV/m

Emission category: **M4**

MIF scaled E-field

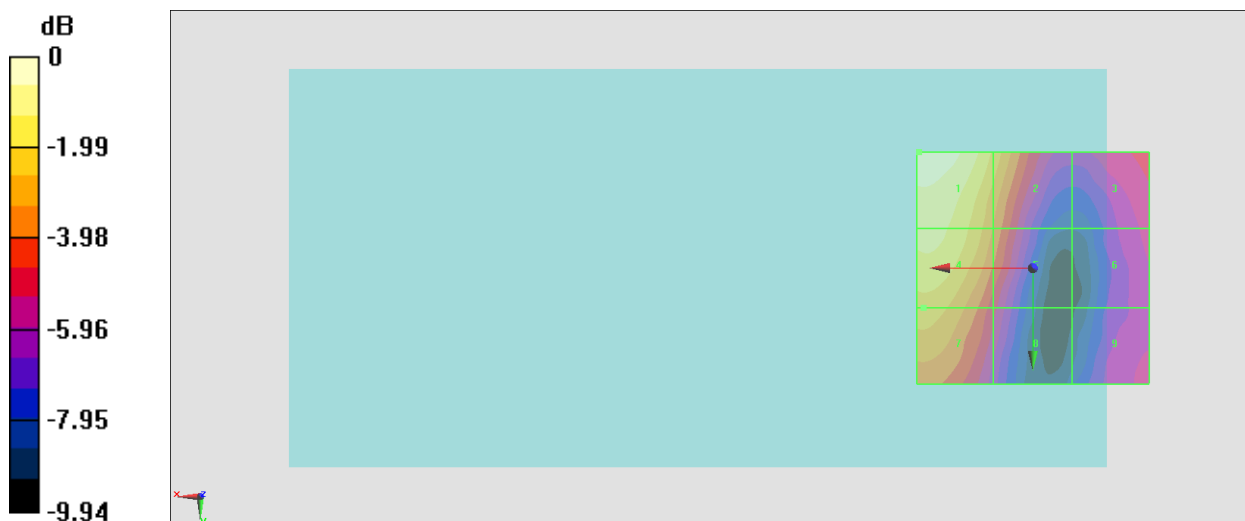
Grid 1 <b>M4</b> <b>25.02 dBV/m</b>	Grid 2 <b>M4</b> <b>22.92 dBV/m</b>	Grid 3 <b>M4</b> <b>19.92 dBV/m</b>
Grid 4 <b>M4</b> <b>23.95 dBV/m</b>	Grid 5 <b>M4</b> <b>21.66 dBV/m</b>	Grid 6 <b>M4</b> <b>19.24 dBV/m</b>
Grid 7 <b>M4</b> <b>22.75 dBV/m</b>	Grid 8 <b>M4</b> <b>20.01 dBV/m</b>	Grid 9 <b>M4</b> <b>19.16 dBV/m</b>

**Cursor:**

Total = 25.02 dBV/m

E Category: M4

Location: 24.5, -25, 9.7 mm



0 dB = 17.83 V/m = 25.02 dBV/m

### #18\_HAC\_E\_LTE Band 41 HPUE\_20M\_QPSK\_1\_0\_Ch41490;Ant 6

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- 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 = 7.525 V/m; Power Drift = -0.19 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.51 dBV/m

Emission category: M4

MIF scaled E-field

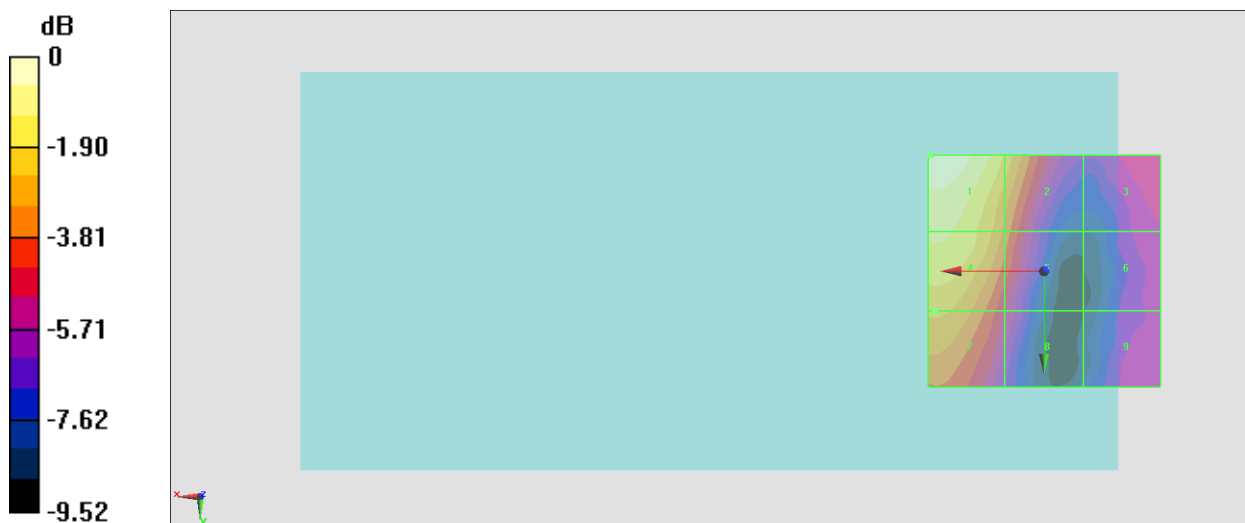
Grid 1 M4 23.51 dBV/m	Grid 2 M4 21.52 dBV/m	Grid 3 M4 18.33 dBV/m
Grid 4 M4 22.35 dBV/m	Grid 5 M4 20.13 dBV/m	Grid 6 M4 17.75 dBV/m
Grid 7 M4 21.11 dBV/m	Grid 8 M4 18.53 dBV/m	Grid 9 M4 17.79 dBV/m

**Cursor:**

Total = 23.51 dBV/m

E Category: M4

Location: 24.5, -25, 9.7 mm



0 dB = 14.97 V/m = 23.50 dBV/m

### #19\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490;Ant 6

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 8.975 V/m; Power Drift = 0.12 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.46 dBV/m

Emission category: **M4**

MIF scaled E-field

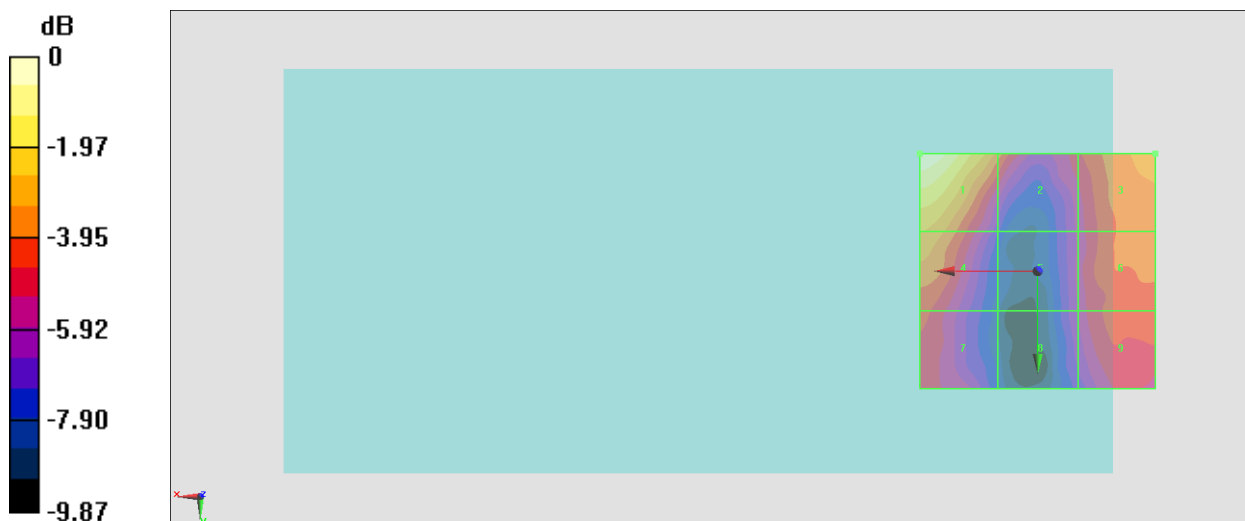
Grid 1 <b>M4</b> <b>23.46 dBV/m</b>	Grid 2 <b>M4</b> <b>19.95 dBV/m</b>	Grid 3 <b>M4</b> <b>20.5 dBV/m</b>
Grid 4 <b>M4</b> <b>20.87 dBV/m</b>	Grid 5 <b>M4</b> <b>17.84 dBV/m</b>	Grid 6 <b>M4</b> <b>20.01 dBV/m</b>
Grid 7 <b>M4</b> <b>19.15 dBV/m</b>	Grid 8 <b>M4</b> <b>17.64 dBV/m</b>	Grid 9 <b>M4</b> <b>19.18 dBV/m</b>

**Cursor:**

Total = 23.46 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 14.89 V/m = 23.46 dBV/m

### #20\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490;Ant 6

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 8.696 V/m; Power Drift = -0.18 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.84 dBV/m

Emission category: **M4**

MIF scaled E-field

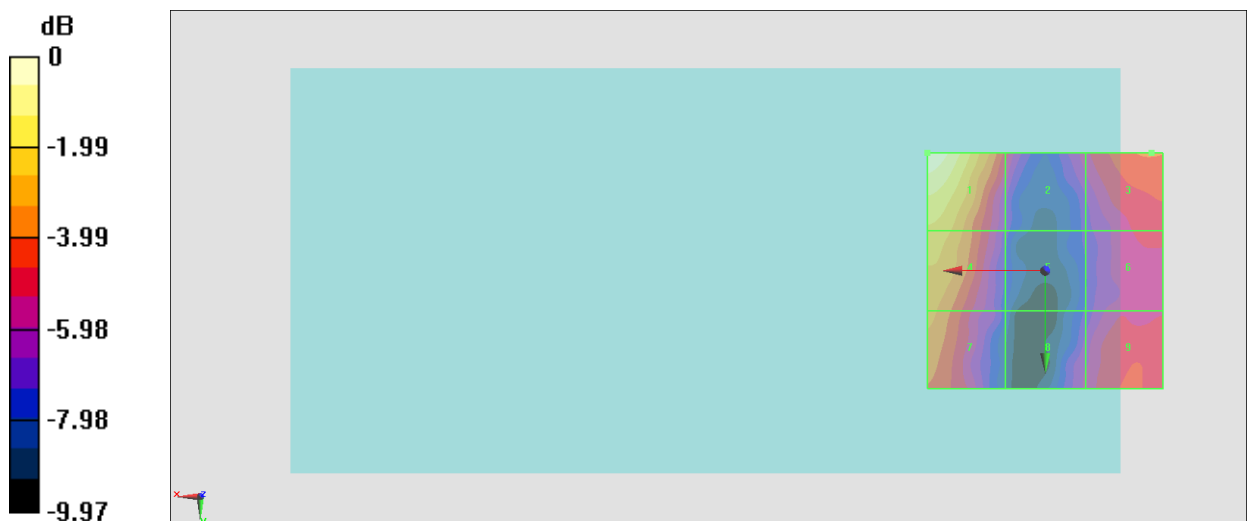
Grid 1 <b>M4</b> <b>23.84 dBV/m</b>	Grid 2 <b>M4</b> <b>19 dBV/m</b>	Grid 3 <b>M4</b> <b>19.96 dBV/m</b>
Grid 4 <b>M4</b> <b>21.74 dBV/m</b>	Grid 5 <b>M4</b> <b>17.03 dBV/m</b>	Grid 6 <b>M4</b> <b>18.82 dBV/m</b>
Grid 7 <b>M4</b> <b>20.79 dBV/m</b>	Grid 8 <b>M4</b> <b>18 dBV/m</b>	Grid 9 <b>M4</b> <b>19.27 dBV/m</b>

**Cursor:**

Total = 23.84 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 15.55 V/m = 23.83 dBV/m

### #21\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490;Ant 6

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- 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 = 14.07 V/m; Power Drift = 0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.44 dBV/m

Emission category: **M4**

MIF scaled E-field

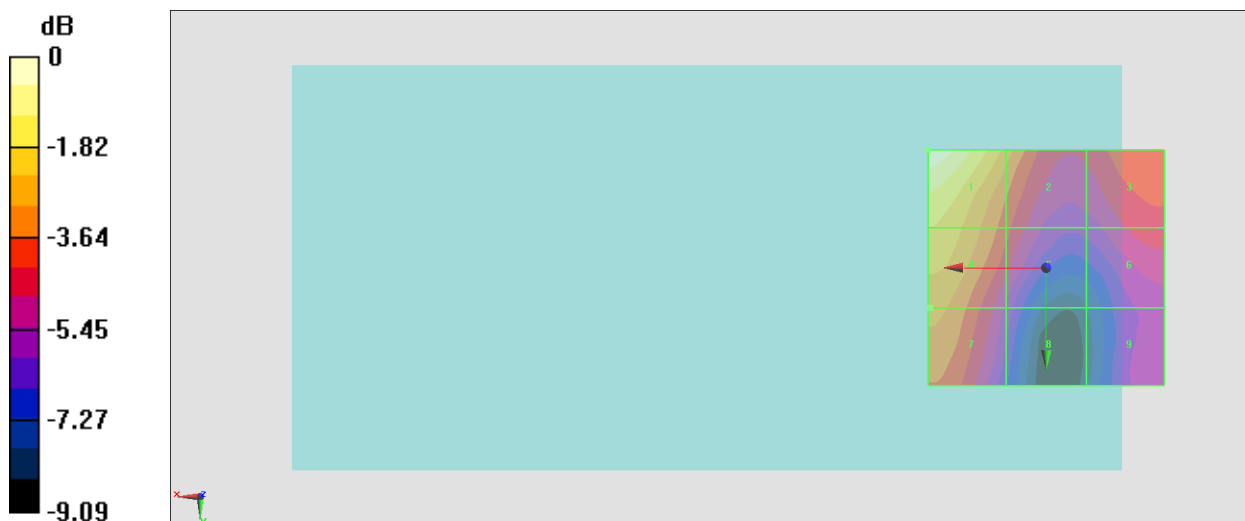
Grid 1 <b>M4</b> <b>27.44 dBV/m</b>	Grid 2 <b>M4</b> <b>24.79 dBV/m</b>	Grid 3 <b>M4</b> <b>23.62 dBV/m</b>
Grid 4 <b>M4</b> <b>25.66 dBV/m</b>	Grid 5 <b>M4</b> <b>23.43 dBV/m</b>	Grid 6 <b>M4</b> <b>22.93 dBV/m</b>
Grid 7 <b>M4</b> <b>24.61 dBV/m</b>	Grid 8 <b>M4</b> <b>21.87 dBV/m</b>	Grid 9 <b>M4</b> <b>21.74 dBV/m</b>

**Cursor:**

Total = 27.44 dBV/m

E Category: M4

Location: 25, -25, 9.7 mm



0 dB = 23.55 V/m = 27.44 dBV/m

## #22\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490;Ant 6

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- 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 = 7.637 V/m; Power Drift = -0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 22.89 dBV/m

Emission category: **M4**

MIF scaled E-field

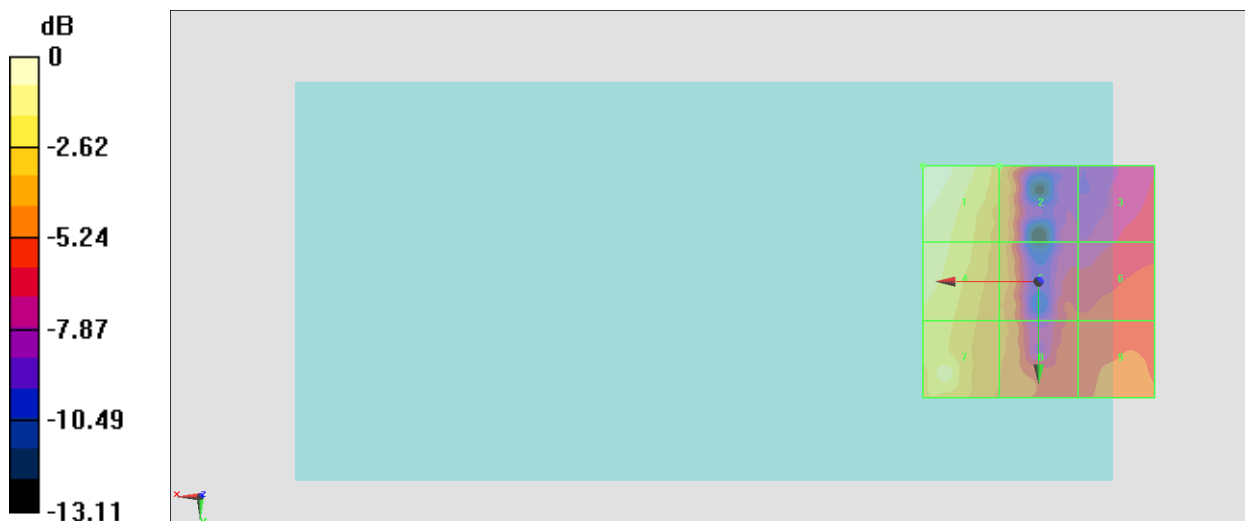
Grid 1 <b>M4</b> <b>22.89 dBV/m</b>	Grid 2 <b>M4</b> <b>19.85 dBV/m</b>	Grid 3 <b>M4</b> <b>16.51 dBV/m</b>
Grid 4 <b>M4</b> <b>21.87 dBV/m</b>	Grid 5 <b>M4</b> <b>18.99 dBV/m</b>	Grid 6 <b>M4</b> <b>17.35 dBV/m</b>
Grid 7 <b>M4</b> <b>21.58 dBV/m</b>	Grid 8 <b>M4</b> <b>18.68 dBV/m</b>	Grid 9 <b>M4</b> <b>17.99 dBV/m</b>

**Cursor:**

Total = 22.89 dBV/m

E Category: M4

Location: 25, -25, 9.7 mm



0 dB = 13.95 V/m = 22.89 dBV/m

**#23\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55340;Ant 12**

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 13.41 V/m; Power Drift = -0.12 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.48 dBV/m

**Emission category: M4**

MIF scaled E-field

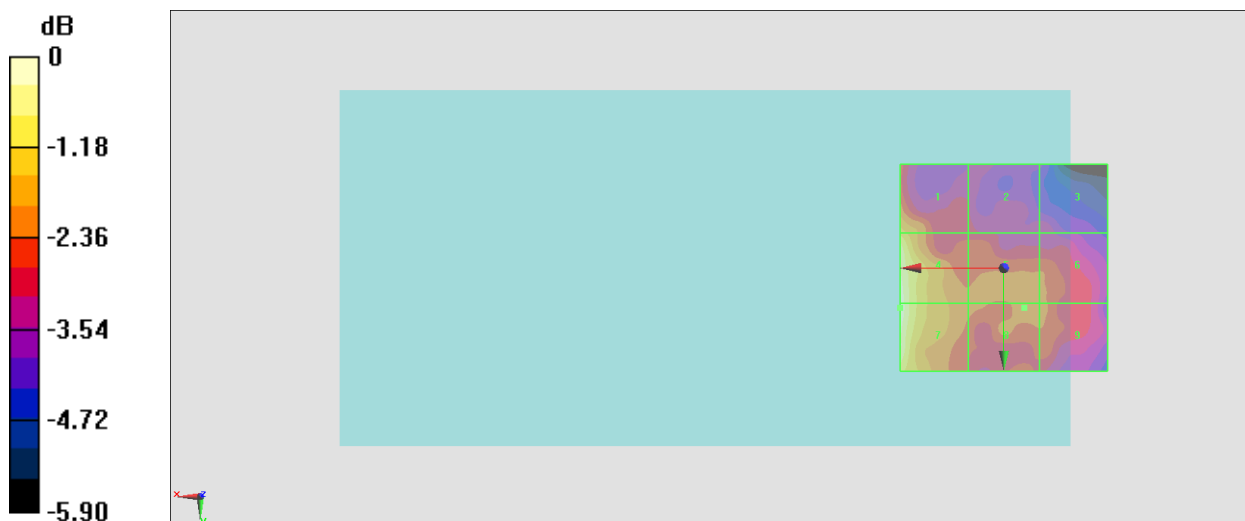
Grid 1 <b>M4</b> <b>19.2 dBV/m</b>	Grid 2 <b>M4</b> <b>17.61 dBV/m</b>	Grid 3 <b>M4</b> <b>17.24 dBV/m</b>
Grid 4 <b>M4</b> <b>20.46 dBV/m</b>	Grid 5 <b>M4</b> <b>18.41 dBV/m</b>	Grid 6 <b>M4</b> <b>18.28 dBV/m</b>
Grid 7 <b>M4</b> <b>20.48 dBV/m</b>	Grid 8 <b>M4</b> <b>18.43 dBV/m</b>	Grid 9 <b>M4</b> <b>18.28 dBV/m</b>

**Cursor:**

Total = 20.48 dBV/m

E Category: M4

Location: 25, 9.5, 8.7 mm



0 dB = 10.57 V/m = 20.48 dBV/m

**#24\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55830;Ant 12**

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3609 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3609 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 6.577 V/m; Power Drift = 0.15 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.01 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>16.68 dBV/m</b>	<b>Grid 2 M4</b> <b>13.56 dBV/m</b>	<b>Grid 3 M4</b> <b>14.72 dBV/m</b>
<b>Grid 4 M4</b> <b>19.92 dBV/m</b>	<b>Grid 5 M4</b> <b>16.22 dBV/m</b>	<b>Grid 6 M4</b> <b>15.84 dBV/m</b>
<b>Grid 7 M4</b> <b>20.01 dBV/m</b>	<b>Grid 8 M4</b> <b>16.54 dBV/m</b>	<b>Grid 9 M4</b> <b>16.56 dBV/m</b>

**Cursor:**

Total = 20.01 dBV/m

E Category: M4

Location: 25, 10.5, 8.7 mm



0 dB = 10.01 V/m = 20.01 dBV/m



**#25\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56640;Ant 12**

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 6.248 V/m; Power Drift = 0.12 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.46 dBV/m

**Emission category: M4**

MIF scaled E-field

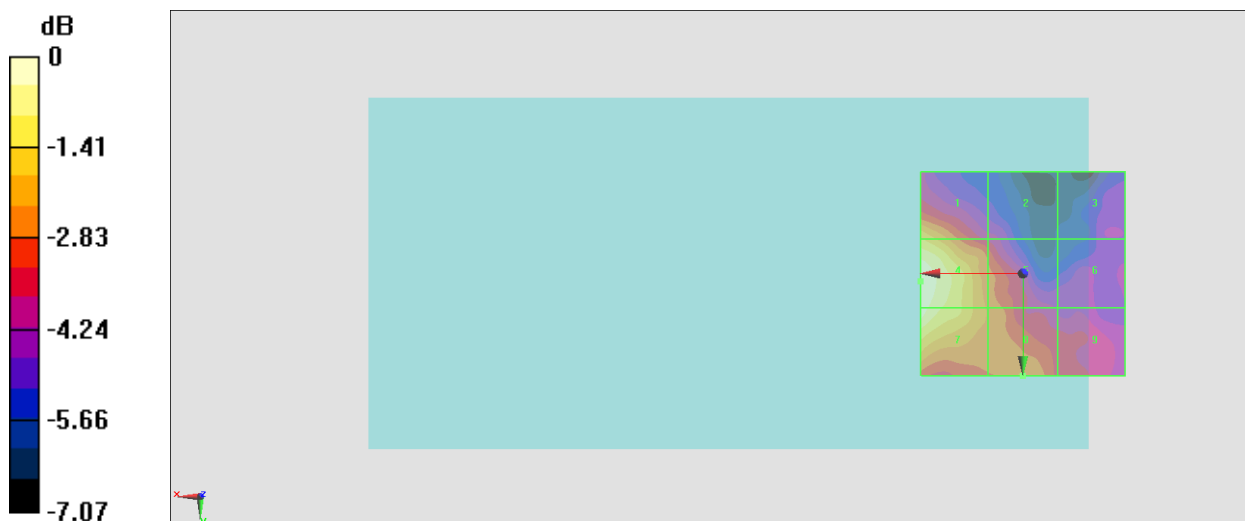
Grid 1 <b>M4</b> <b>17.11 dBV/m</b>	Grid 2 <b>M4</b> <b>14.55 dBV/m</b>	Grid 3 <b>M4</b> <b>13.82 dBV/m</b>
Grid 4 <b>M4</b> <b>18.46 dBV/m</b>	Grid 5 <b>M4</b> <b>16.04 dBV/m</b>	Grid 6 <b>M4</b> <b>14.38 dBV/m</b>
Grid 7 <b>M4</b> <b>18.31 dBV/m</b>	Grid 8 <b>M4</b> <b>16.15 dBV/m</b>	Grid 9 <b>M4</b> <b>15.01 dBV/m</b>

**Cursor:**

Total = 18.46 dBV/m

E Category: M4

Location: 25, 2, 8.7 mm



0 dB = 8.375 V/m = 18.46 dBV/m

**#26\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55340;Ant 12**

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 9.952 V/m; Power Drift = 0.38 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.13 dBV/m

**Emission category: M4**

MIF scaled E-field

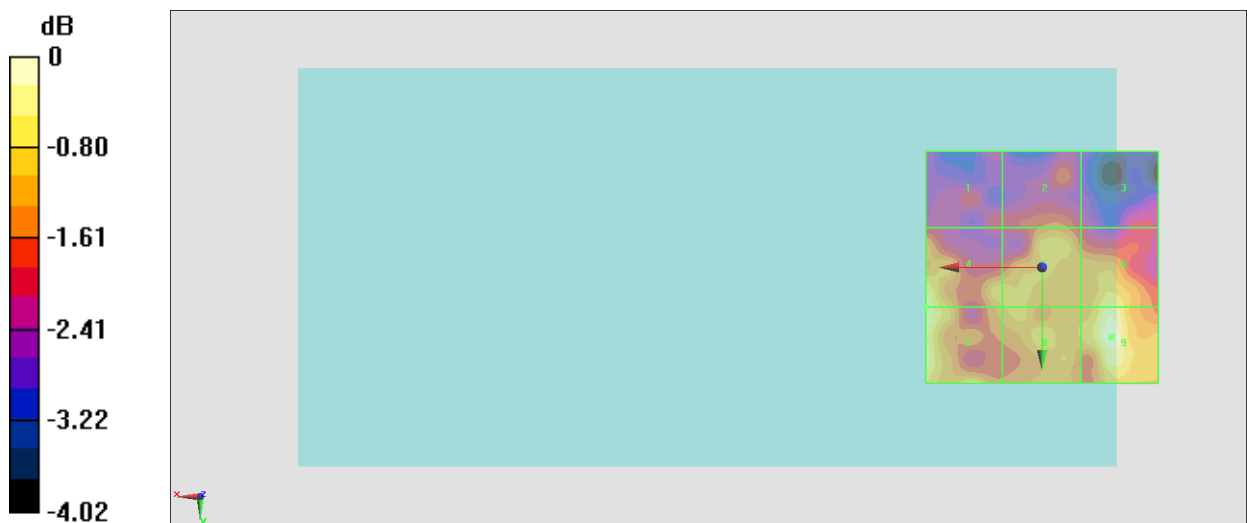
Grid 1 <b>M4</b> <b>15.25 dBV/m</b>	Grid 2 <b>M4</b> <b>15.72 dBV/m</b>	Grid 3 <b>M4</b> <b>15.16 dBV/m</b>
Grid 4 <b>M4</b> <b>16.86 dBV/m</b>	Grid 5 <b>M4</b> <b>16.29 dBV/m</b>	Grid 6 <b>M4</b> <b>16.69 dBV/m</b>
Grid 7 <b>M4</b> <b>16.9 dBV/m</b>	Grid 8 <b>M4</b> <b>16.32 dBV/m</b>	Grid 9 <b>M4</b> <b>17.13 dBV/m</b>

**Cursor:**

Total = 17.13 dBV/m

E Category: M4

Location: -15, 15, 8.7 mm



0 dB = 7.186 V/m = 17.13 dBV/m

**#27\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55340;Ant 12**

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 9.752 V/m; Power Drift = -0.17 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.18 dBV/m

**Emission category: M4**

MIF scaled E-field

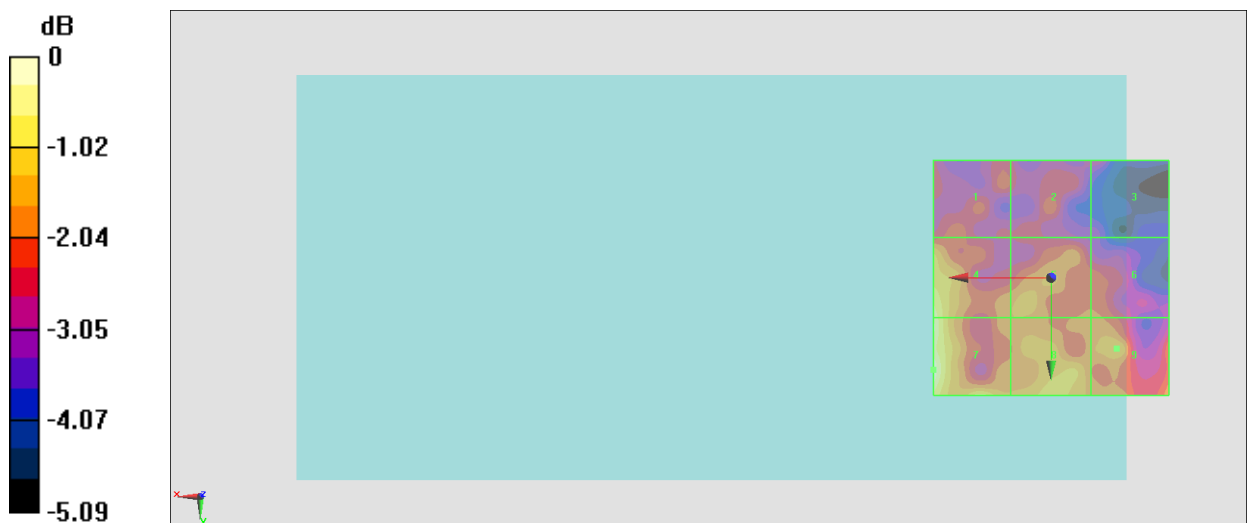
<b>Grid 1 M4</b> <b>15.02 dBV/m</b>	<b>Grid 2 M4</b> <b>15.05 dBV/m</b>	<b>Grid 3 M4</b> <b>14.53 dBV/m</b>
<b>Grid 4 M4</b> <b>16.86 dBV/m</b>	<b>Grid 5 M4</b> <b>15.68 dBV/m</b>	<b>Grid 6 M4</b> <b>15.26 dBV/m</b>
<b>Grid 7 M4</b> <b>17.18 dBV/m</b>	<b>Grid 8 M4</b> <b>16.06 dBV/m</b>	<b>Grid 9 M4</b> <b>15.79 dBV/m</b>

**Cursor:**

Total = 17.18 dBV/m

E Category: M4

Location: 25, 19.5, 8.7 mm



0 dB = 7.225 V/m = 17.18 dBV/m

**#28\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55340;Ant 12**

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 12.75 V/m; Power Drift = -0.16 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.21 dBV/m

**Emission category: M4**

MIF scaled E-field

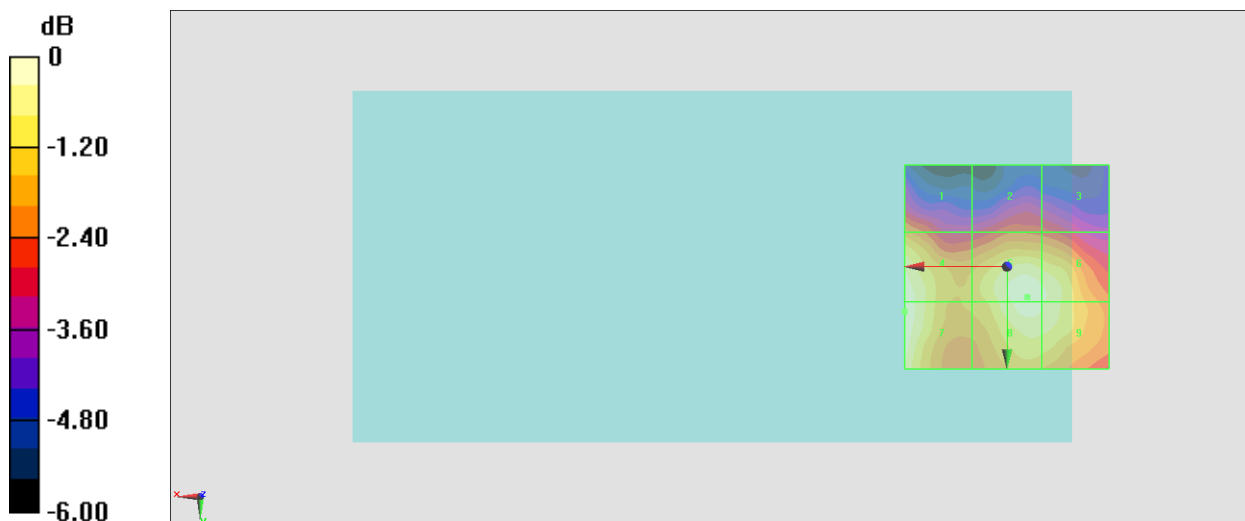
Grid 1 <b>M4</b> <b>17.41 dBV/m</b>	Grid 2 <b>M4</b> <b>16.79 dBV/m</b>	Grid 3 <b>M4</b> <b>16.64 dBV/m</b>
Grid 4 <b>M4</b> <b>19.17 dBV/m</b>	Grid 5 <b>M4</b> <b>19.07 dBV/m</b>	Grid 6 <b>M4</b> <b>18.91 dBV/m</b>
Grid 7 <b>M4</b> <b>19.21 dBV/m</b>	Grid 8 <b>M4</b> <b>19.06 dBV/m</b>	Grid 9 <b>M4</b> <b>18.87 dBV/m</b>

**Cursor:**

Total = 19.21 dBV/m

E Category: M4

Location: 25, 11, 8.7 mm



0 dB = 9.126 V/m = 19.21 dBV/m

**#29\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55340;Ant 12**

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 8.496 V/m; Power Drift = 0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.74 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>17.07 dBV/m</b>	Grid 2 <b>M4</b> <b>15.75 dBV/m</b>	Grid 3 <b>M4</b> <b>14.51 dBV/m</b>
Grid 4 <b>M4</b> <b>17.74 dBV/m</b>	Grid 5 <b>M4</b> <b>16.38 dBV/m</b>	Grid 6 <b>M4</b> <b>15.94 dBV/m</b>
Grid 7 <b>M4</b> <b>17.55 dBV/m</b>	Grid 8 <b>M4</b> <b>16.01 dBV/m</b>	Grid 9 <b>M4</b> <b>16.06 dBV/m</b>

**Cursor:**

Total = 17.74 dBV/m

E Category: M4

Location: 25, 4, 8.7 mm



0 dB = 7.705 V/m = 17.74 dBV/m

### #30\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55340;Ant 11

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 13.47 V/m; Power Drift = 0.08 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.36 dBV/m

Emission category: M4

MIF scaled E-field

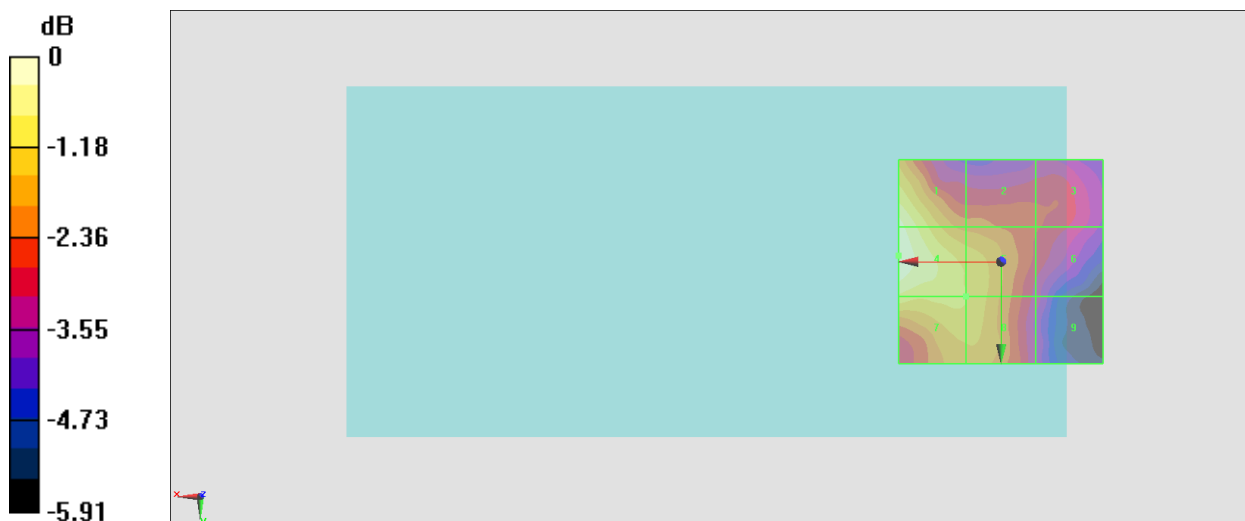
Grid 1 M4 21.14 dBV/m	Grid 2 M4 19.26 dBV/m	Grid 3 M4 18.69 dBV/m
Grid 4 M4 21.36 dBV/m	Grid 5 M4 20.19 dBV/m	Grid 6 M4 18.67 dBV/m
Grid 7 M4 20.5 dBV/m	Grid 8 M4 20.19 dBV/m	Grid 9 M4 18.05 dBV/m

#### Cursor:

Total = 21.36 dBV/m

E Category: M4

Location: 25, -1.5, 8.7 mm



0 dB = 11.69 V/m = 21.36 dBV/m

### #31\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55830;Ant 11

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3609 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3609 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 12.50 V/m; Power Drift = -0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.85 dBV/m

**Emission category: M4**

MIF scaled E-field

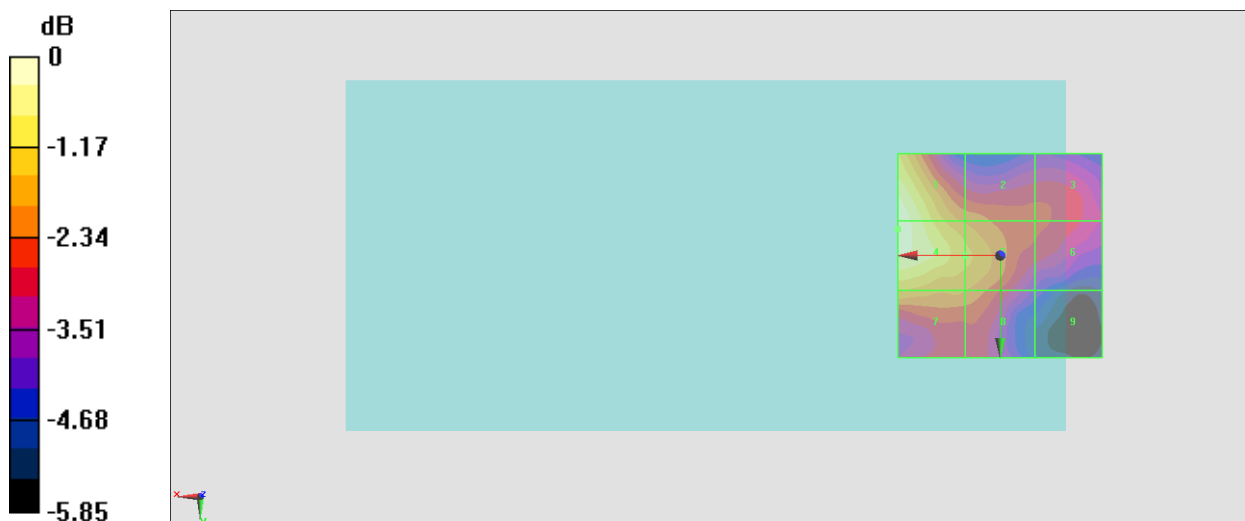
Grid 1 <b>M4</b> <b>20.81 dBV/m</b>	Grid 2 <b>M4</b> <b>18.82 dBV/m</b>	Grid 3 <b>M4</b> <b>18.29 dBV/m</b>
Grid 4 <b>M4</b> <b>20.85 dBV/m</b>	Grid 5 <b>M4</b> <b>19.36 dBV/m</b>	Grid 6 <b>M4</b> <b>18.27 dBV/m</b>
Grid 7 <b>M4</b> <b>19.35 dBV/m</b>	Grid 8 <b>M4</b> <b>18.91 dBV/m</b>	Grid 9 <b>M4</b> <b>16.89 dBV/m</b>

**Cursor:**

Total = 20.85 dBV/m

E Category: M4

Location: 25, -6.5, 8.7 mm



0 dB = 11.02 V/m = 20.84 dBV/m

### #32\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56640;Ant 11

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3609 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 15.21 V/m; Power Drift = 0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.80 dBV/m

Emission category: **M4**

MIF scaled E-field

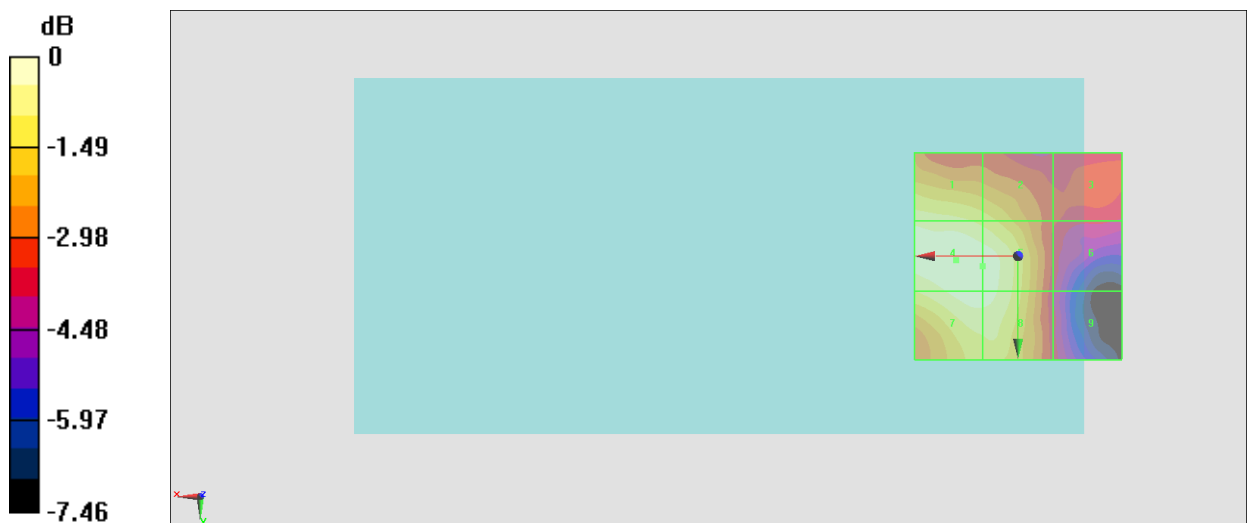
Grid 1 <b>M4</b> <b>21.16 dBV/m</b>	Grid 2 <b>M4</b> <b>20.63 dBV/m</b>	Grid 3 <b>M4</b> <b>18.58 dBV/m</b>
Grid 4 <b>M4</b> <b>21.8 dBV/m</b>	Grid 5 <b>M4</b> <b>21.63 dBV/m</b>	Grid 6 <b>M4</b> <b>18.46 dBV/m</b>
Grid 7 <b>M4</b> <b>21.58 dBV/m</b>	Grid 8 <b>M4</b> <b>21.53 dBV/m</b>	Grid 9 <b>M4</b> <b>18.15 dBV/m</b>

**Cursor:**

Total = 21.80 dBV/m

E Category: M4

Location: 15, 1, 8.7 mm



0 dB = 12.31 V/m = 21.81 dBV/m



### #33\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56640;Ant 11

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 10.42 V/m; Power Drift = -0.16 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.65 dBV/m

Emission category: **M4**

MIF scaled E-field

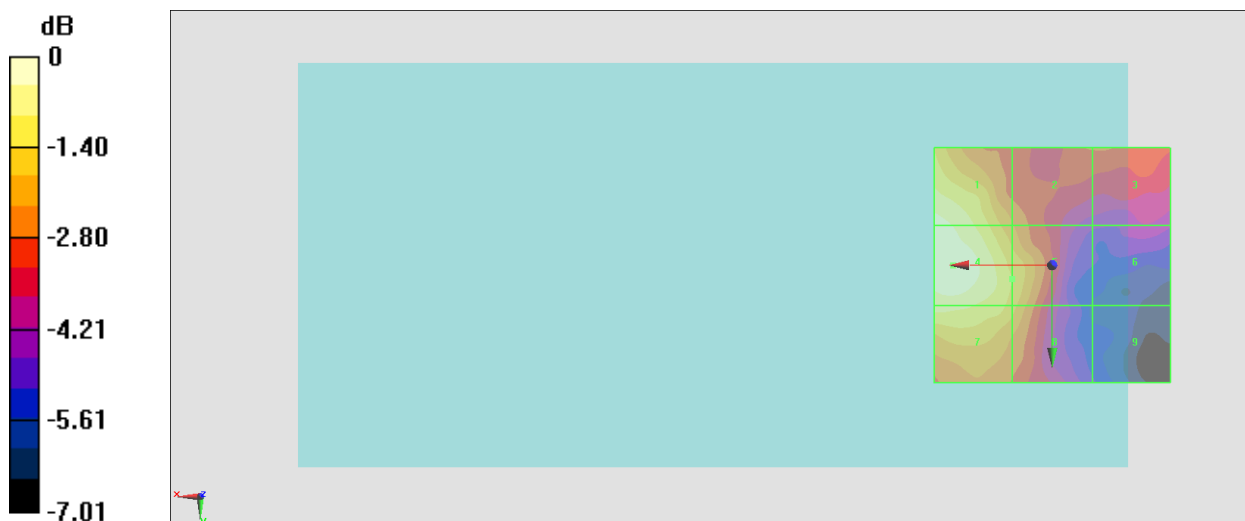
Grid 1 <b>M4</b> <b>20.39 dBV/m</b>	Grid 2 <b>M4</b> <b>18.38 dBV/m</b>	Grid 3 <b>M4</b> <b>17.92 dBV/m</b>
Grid 4 <b>M4</b> <b>20.65 dBV/m</b>	Grid 5 <b>M4</b> <b>19.24 dBV/m</b>	Grid 6 <b>M4</b> <b>16.42 dBV/m</b>
Grid 7 <b>M4</b> <b>19.93 dBV/m</b>	Grid 8 <b>M4</b> <b>19 dBV/m</b>	Grid 9 <b>M4</b> <b>15.67 dBV/m</b>

**Cursor:**

Total = 20.65 dBV/m

E Category: M4

Location: 21, 0, 8.7 mm



0 dB = 10.78 V/m = 20.65 dBV/m

### #34\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56640;Ant 11

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 11.49 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.39 dBV/m

**Emission category: M4**

MIF scaled E-field

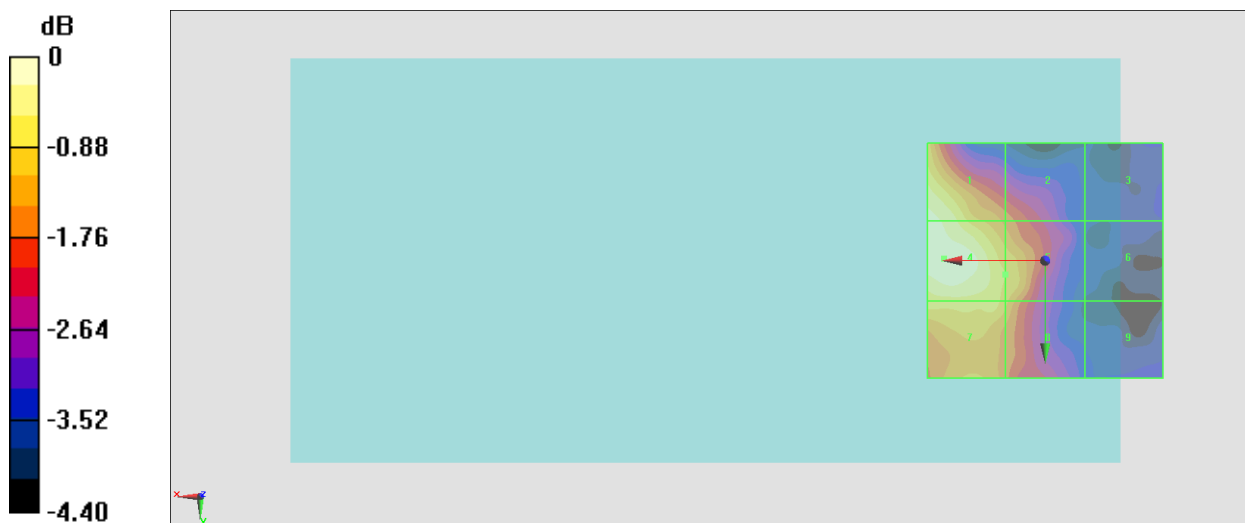
Grid 1 <b>M4</b> <b>20.21 dBV/m</b>	Grid 2 <b>M4</b> <b>18.84 dBV/m</b>	Grid 3 <b>M4</b> <b>17.05 dBV/m</b>
Grid 4 <b>M4</b> <b>20.39 dBV/m</b>	Grid 5 <b>M4</b> <b>19.53 dBV/m</b>	Grid 6 <b>M4</b> <b>16.86 dBV/m</b>
Grid 7 <b>M4</b> <b>19.71 dBV/m</b>	Grid 8 <b>M4</b> <b>19.34 dBV/m</b>	Grid 9 <b>M4</b> <b>17.07 dBV/m</b>

**Cursor:**

Total = 20.39 dBV/m

E Category: M4

Location: 21.5, -0.5, 8.7 mm



0 dB = 10.46 V/m = 20.39 dBV/m

### #35\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56640;Ant 11

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3609 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 11.95 V/m; Power Drift = -0.15 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.28 dBV/m

Emission category: **M4**

MIF scaled E-field

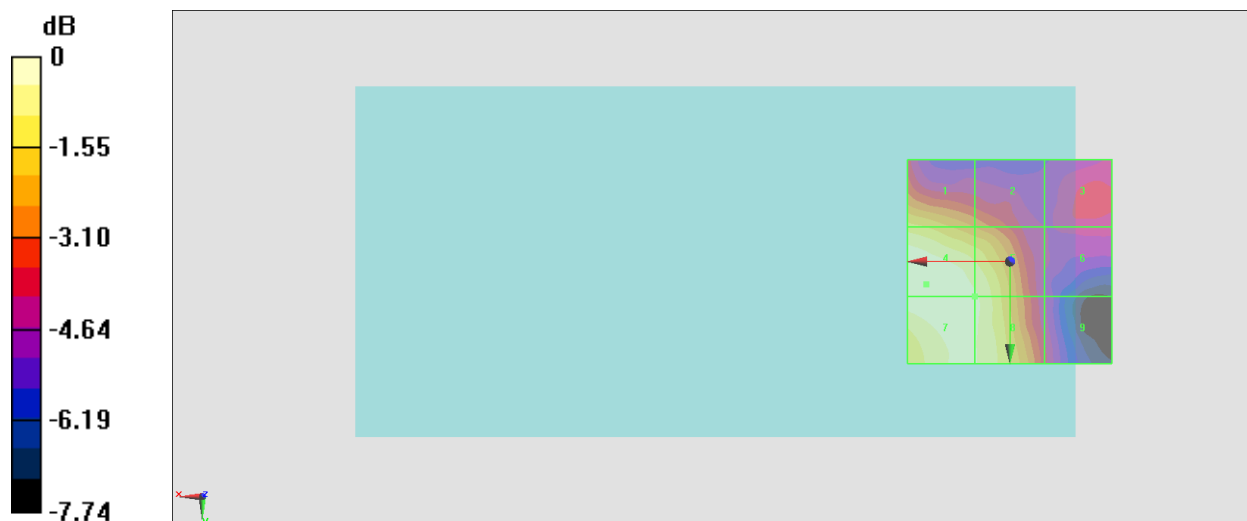
Grid 1 <b>M4</b> <b>19.98 dBV/m</b>	Grid 2 <b>M4</b> <b>18.69 dBV/m</b>	Grid 3 <b>M4</b> <b>17.45 dBV/m</b>
Grid 4 <b>M4</b> <b>21.28 dBV/m</b>	Grid 5 <b>M4</b> <b>20.86 dBV/m</b>	Grid 6 <b>M4</b> <b>16.97 dBV/m</b>
Grid 7 <b>M4</b> <b>21.22 dBV/m</b>	Grid 8 <b>M4</b> <b>20.91 dBV/m</b>	Grid 9 <b>M4</b> <b>17.34 dBV/m</b>

**Cursor:**

Total = 21.28 dBV/m

E Category: M4

Location: 20.5, 5.5, 8.7 mm



0 dB = 11.59 V/m = 21.28 dBV/m

### #36\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56640;Ant 11

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz;Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3609 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 13.40 V/m; Power Drift = 0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 22.05 dBV/m

Emission category: M4

MIF scaled E-field

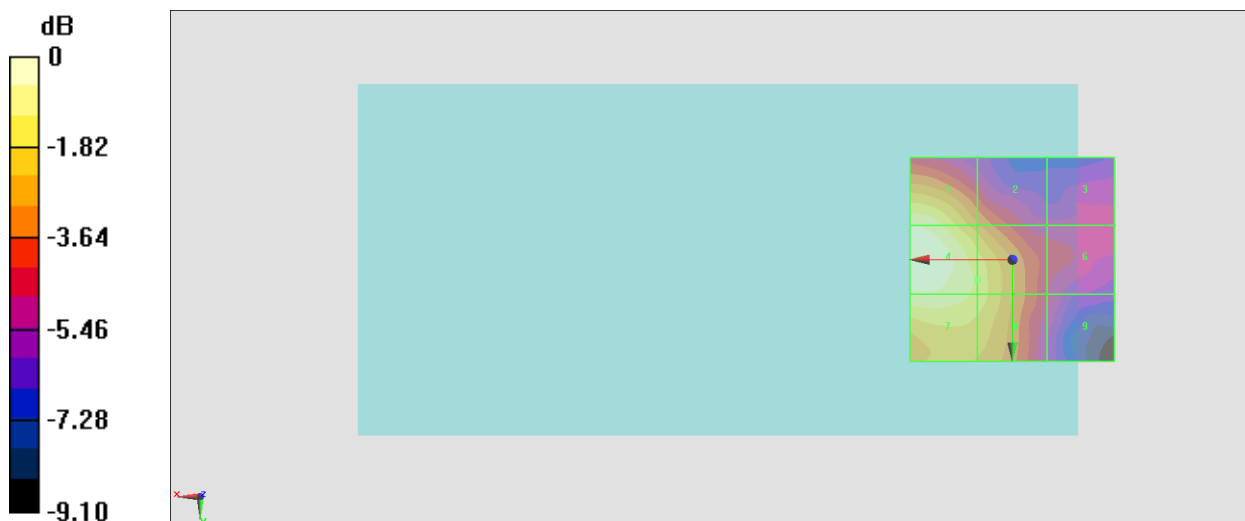
Grid 1 M4 21.4 dBV/m	Grid 2 M4 19.17 dBV/m	Grid 3 M4 16.95 dBV/m
Grid 4 M4 22.05 dBV/m	Grid 5 M4 20.7 dBV/m	Grid 6 M4 17.69 dBV/m
Grid 7 M4 21.35 dBV/m	Grid 8 M4 20.6 dBV/m	Grid 9 M4 17.32 dBV/m

#### Cursor:

Total = 22.05 dBV/m

E Category: M4

Location: 23, 0, 8.7 mm



0 dB = 12.66 V/m = 22.05 dBV/m

### #37\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch1;Ant 9+8

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz;Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 14.50 V/m; Power Drift = -0.15 dB

Applied MIF = 0.12 dB

RF audio interference level = 28.39 dBV/m

**Emission category: M4**

MIF scaled E-field

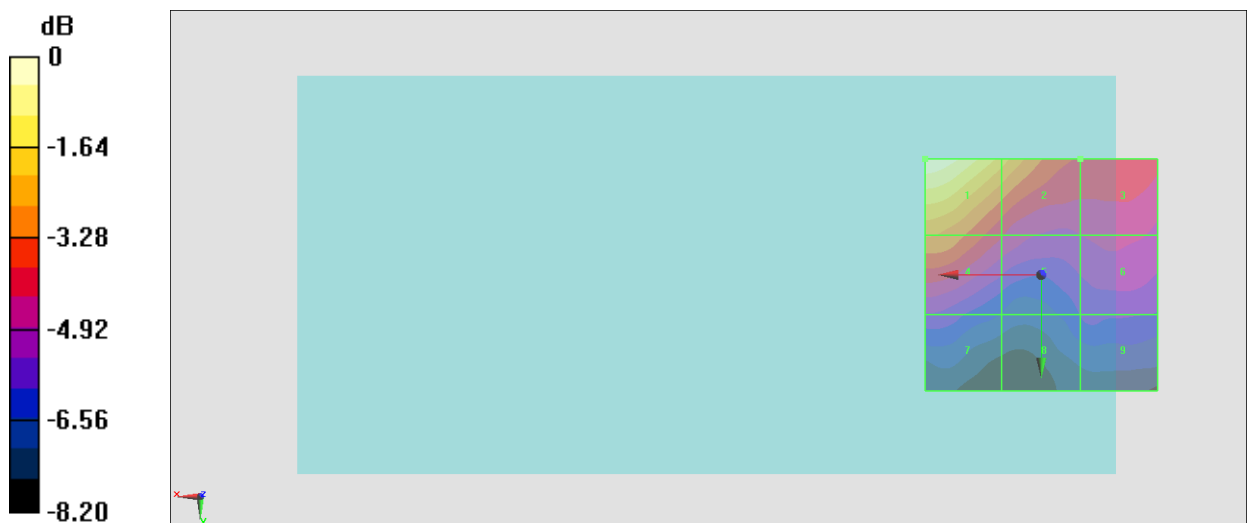
Grid 1 <b>M4</b> <b>28.39 dBV/m</b>	Grid 2 <b>M4</b> <b>26.53 dBV/m</b>	Grid 3 <b>M4</b> <b>24.53 dBV/m</b>
Grid 4 <b>M4</b> <b>25.71 dBV/m</b>	Grid 5 <b>M4</b> <b>24.09 dBV/m</b>	Grid 6 <b>M4</b> <b>23.7 dBV/m</b>
Grid 7 <b>M4</b> <b>22.9 dBV/m</b>	Grid 8 <b>M4</b> <b>22.43 dBV/m</b>	Grid 9 <b>M4</b> <b>22.6 dBV/m</b>

**Cursor:**

Total = 28.39 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 26.26 V/m = 28.39 dBV/m

### #38\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch6;Ant 9+8

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 16.65 V/m; Power Drift = 0.16 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.12 dBV/m

**Emission category: M4**

MIF scaled E-field

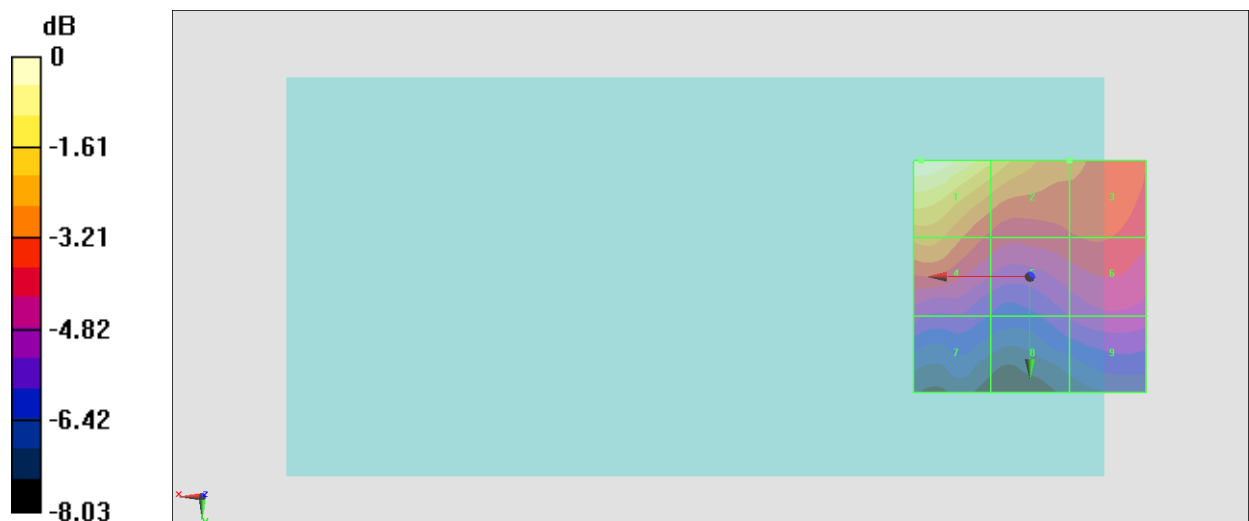
Grid 1 <b>M4</b> <b>29.12 dBV/m</b>	Grid 2 <b>M4</b> <b>27.64 dBV/m</b>	Grid 3 <b>M4</b> <b>26.04 dBV/m</b>
Grid 4 <b>M4</b> <b>26.67 dBV/m</b>	Grid 5 <b>M4</b> <b>25.3 dBV/m</b>	Grid 6 <b>M4</b> <b>25.46 dBV/m</b>
Grid 7 <b>M4</b> <b>24.02 dBV/m</b>	Grid 8 <b>M4</b> <b>23.82 dBV/m</b>	Grid 9 <b>M4</b> <b>24.2 dBV/m</b>

**Cursor:**

Total = 29.12 dBV/m

E Category: M4

Location: 23.5, -25, 8.7 mm



0 dB = 28.57 V/m = 29.12 dBV/m

### #39\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch11;Ant 9+8

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 14.01 V/m; Power Drift = 0.03 dB

Applied MIF = 0.12 dB

RF audio interference level = 26.28 dBV/m

**Emission category: M4**

MIF scaled E-field

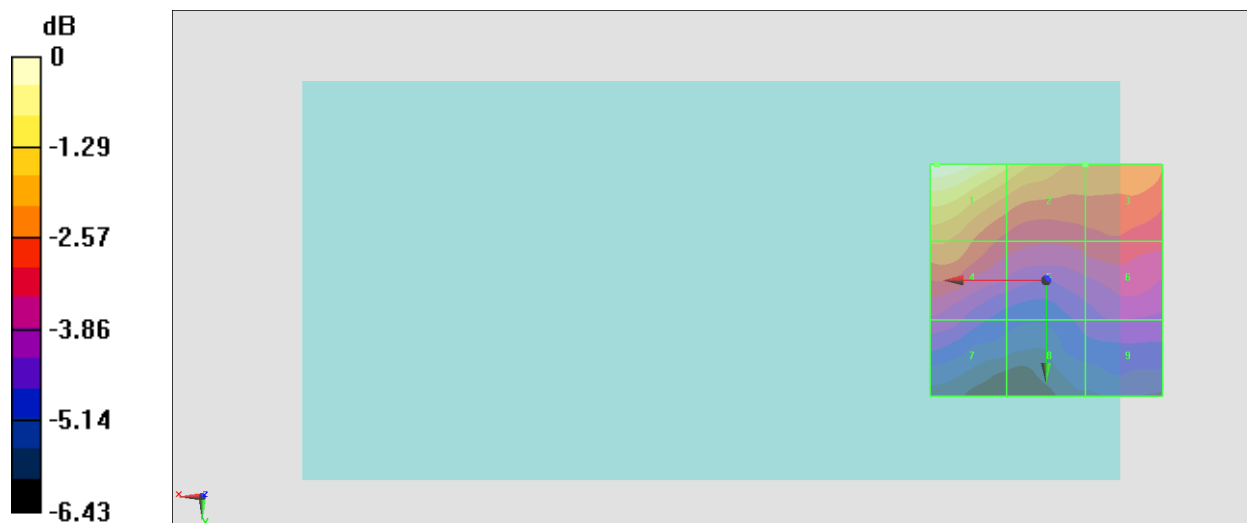
Grid 1 <b>M4</b> <b>26.28 dBV/m</b>	Grid 2 <b>M4</b> <b>25.16 dBV/m</b>	Grid 3 <b>M4</b> <b>24.1 dBV/m</b>
Grid 4 <b>M4</b> <b>24.21 dBV/m</b>	Grid 5 <b>M4</b> <b>23.14 dBV/m</b>	Grid 6 <b>M4</b> <b>23.22 dBV/m</b>
Grid 7 <b>M4</b> <b>22.35 dBV/m</b>	Grid 8 <b>M4</b> <b>21.8 dBV/m</b>	Grid 9 <b>M4</b> <b>22.03 dBV/m</b>

**Cursor:**

Total = 26.28 dBV/m

E Category: M4

Location: 23.5, -25, 8.7 mm



0 dB = 20.60 V/m = 26.28 dBV/m

### #40\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch6;Ant 9+8

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 18.71 V/m; Power Drift = 0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 27.55 dBV/m

**Emission category: M4**

MIF scaled E-field

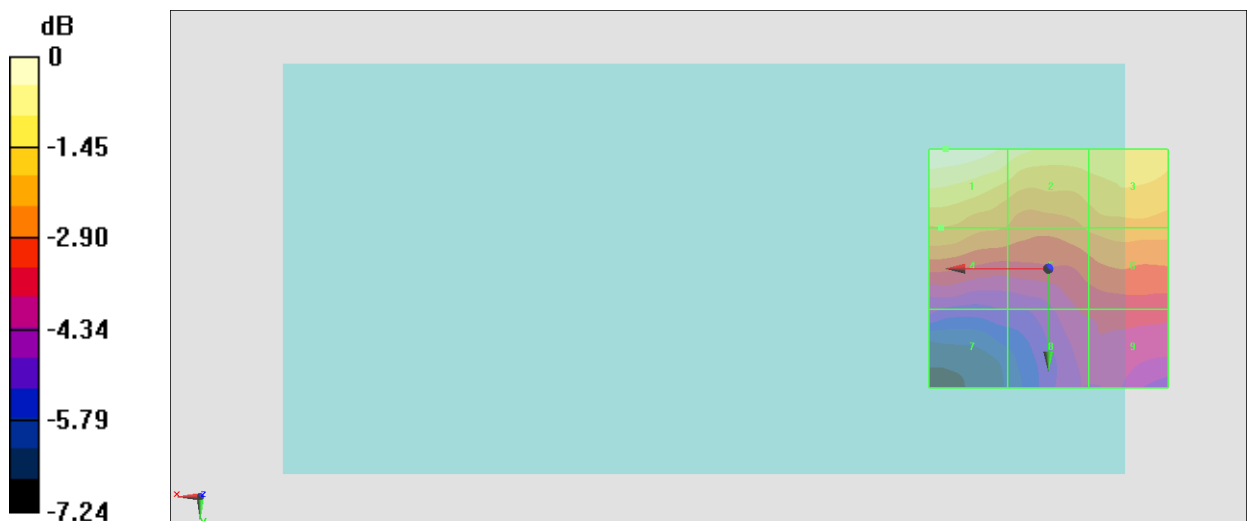
Grid 1 <b>M4</b> <b>27.55 dBV/m</b>	Grid 2 <b>M4</b> <b>26.94 dBV/m</b>	Grid 3 <b>M4</b> <b>26.41 dBV/m</b>
Grid 4 <b>M4</b> <b>25.6 dBV/m</b>	Grid 5 <b>M4</b> <b>25.22 dBV/m</b>	Grid 6 <b>M4</b> <b>25.43 dBV/m</b>
Grid 7 <b>M4</b> <b>22.95 dBV/m</b>	Grid 8 <b>M4</b> <b>23.79 dBV/m</b>	Grid 9 <b>M4</b> <b>23.98 dBV/m</b>

**Cursor:**

Total = 27.55 dBV/m

E Category: M4

Location: 21.5, -25, 7.7 mm



0 dB = 23.84 V/m = 27.55 dBV/m



### #41\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch6;Ant 9+8

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2022/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 16.33 V/m; Power Drift = 0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 28.03 dBV/m

Emission category: **M4**

MIF scaled E-field

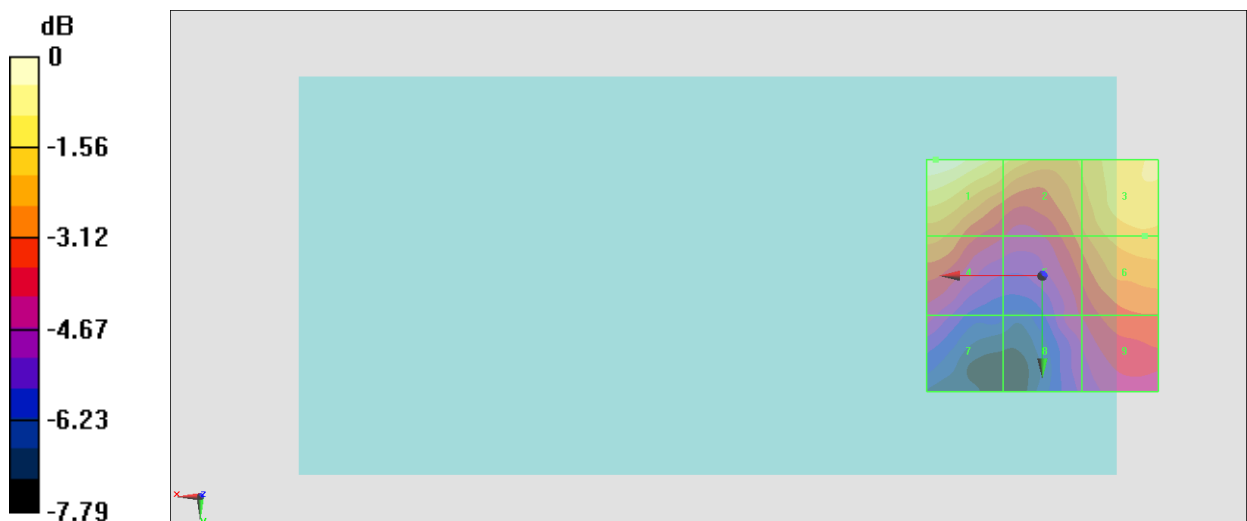
Grid 1 <b>M4</b> <b>28.03 dBV/m</b>	Grid 2 <b>M4</b> <b>26.7 dBV/m</b>	Grid 3 <b>M4</b> <b>27.06 dBV/m</b>
Grid 4 <b>M4</b> <b>25.6 dBV/m</b>	Grid 5 <b>M4</b> <b>25.24 dBV/m</b>	Grid 6 <b>M4</b> <b>26.35 dBV/m</b>
Grid 7 <b>M4</b> <b>23.67 dBV/m</b>	Grid 8 <b>M4</b> <b>23.94 dBV/m</b>	Grid 9 <b>M4</b> <b>24.9 dBV/m</b>

**Cursor:**

Total = 28.03 dBV/m

E Category: M4

Location: 23, -25, 7.7 mm



0 dB = 25.19 V/m = 28.02 dBV/m

### #42\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch6;Ant 9+8

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 20.29 V/m; Power Drift = -0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 28.89 dBV/m

Emission category: **M4**

MIF scaled E-field

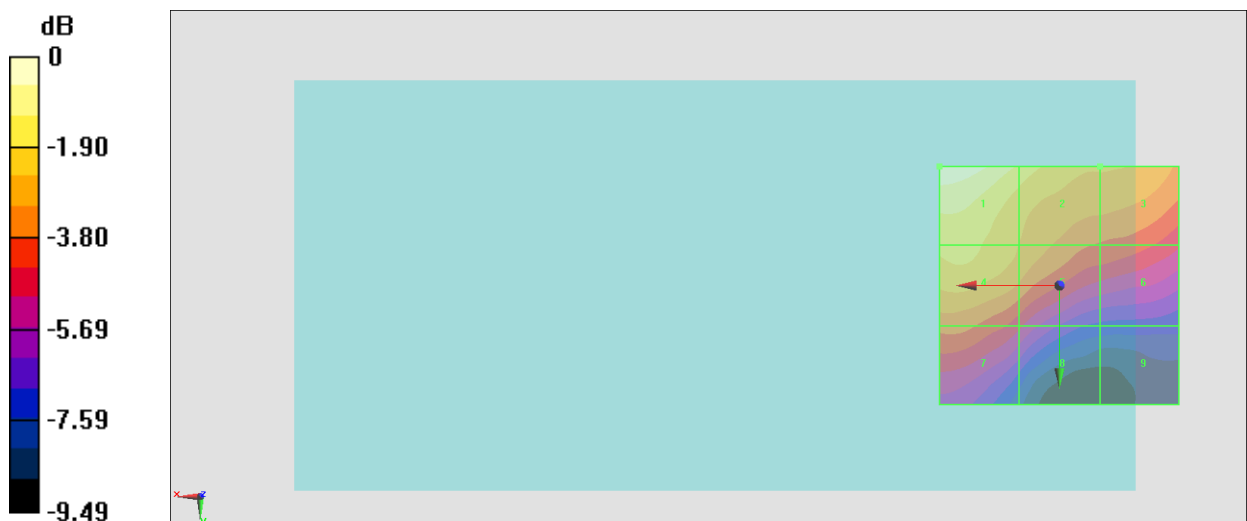
Grid 1 <b>M4</b> <b>28.89 dBV/m</b>	Grid 2 <b>M4</b> <b>27.55 dBV/m</b>	Grid 3 <b>M4</b> <b>26.46 dBV/m</b>
Grid 4 <b>M4</b> <b>27.24 dBV/m</b>	Grid 5 <b>M4</b> <b>26.36 dBV/m</b>	Grid 6 <b>M4</b> <b>25.05 dBV/m</b>
Grid 7 <b>M4</b> <b>25.36 dBV/m</b>	Grid 8 <b>M4</b> <b>24.03 dBV/m</b>	Grid 9 <b>M4</b> <b>21.78 dBV/m</b>

**Cursor:**

Total = 28.89 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 27.83 V/m = 28.89 dBV/m

### #43\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch6;Ant 9+8

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz;Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2526; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2022/3/28
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 15.03 V/m; Power Drift = 0.19 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.71 dBV/m

**Emission category: M4**

MIF scaled E-field

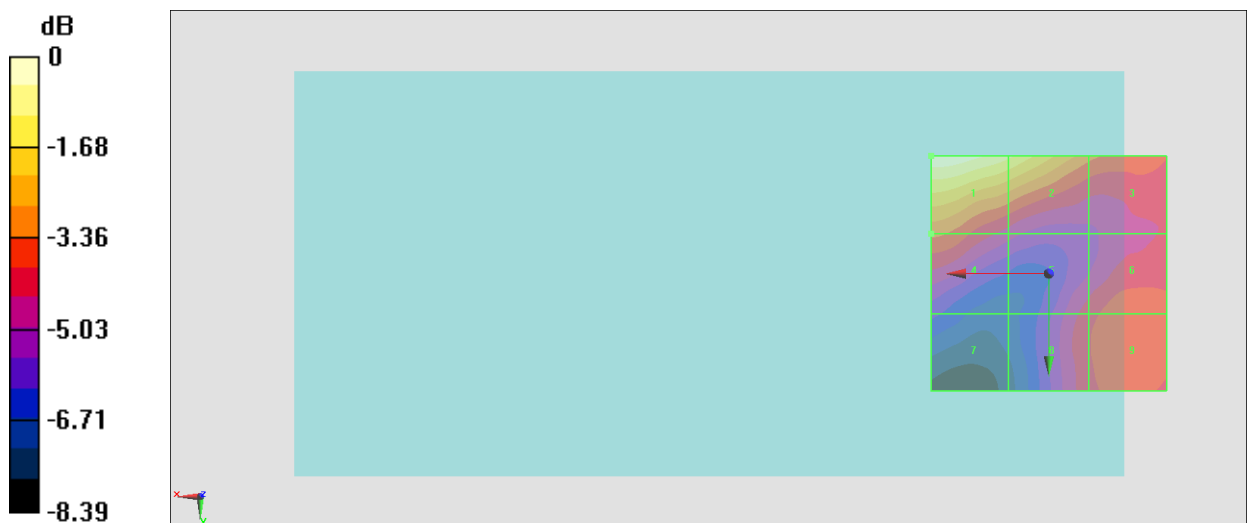
Grid 1 <b>M4</b> <b>29.71 dBV/m</b>	Grid 2 <b>M4</b> <b>28.74 dBV/m</b>	Grid 3 <b>M4</b> <b>26.57 dBV/m</b>
Grid 4 <b>M4</b> <b>26.5 dBV/m</b>	Grid 5 <b>M4</b> <b>25.55 dBV/m</b>	Grid 6 <b>M4</b> <b>26.15 dBV/m</b>
Grid 7 <b>M4</b> <b>23.77 dBV/m</b>	Grid 8 <b>M4</b> <b>25.76 dBV/m</b>	Grid 9 <b>M4</b> <b>26.3 dBV/m</b>

**Cursor:**

Total = 29.71 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 30.57 V/m = 29.71 dBV/m