

# #01\_HAC\_E\_GSM850\_Voice\_Ch128;Ant 1

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 : 23.6 °C

## DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2021/1/25
- 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 = 28.66 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.05 dBV/m

**Emission category: M4**

MIF scaled E-field

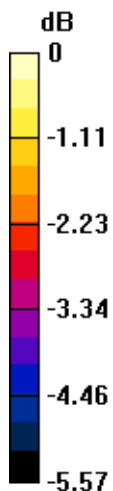
Grid 1 <b>M4</b> <b>28.86 dBV/m</b>	Grid 2 <b>M4</b> <b>29.85 dBV/m</b>	Grid 3 <b>M4</b> <b>29.29 dBV/m</b>
Grid 4 <b>M4</b> <b>28.91 dBV/m</b>	Grid 5 <b>M4</b> <b>30.05 dBV/m</b>	Grid 6 <b>M4</b> <b>29.36 dBV/m</b>
Grid 7 <b>M4</b> <b>28.87 dBV/m</b>	Grid 8 <b>M4</b> <b>29.62 dBV/m</b>	Grid 9 <b>M4</b> <b>29.05 dBV/m</b>

**Cursor:**

Total = 30.05 dBV/m

E Category: M4

Location: -0.5, -0.5, 8.7 mm



0 dB = 31.82 V/m = 30.05 dBV/m

## #02\_HAC\_E\_GSM850\_Voice\_Ch189;Ant 1

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 : 23.6 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2021/1/25
- 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 = 27.73 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.51 dBV/m

**Emission category: M4**

MIF scaled E-field

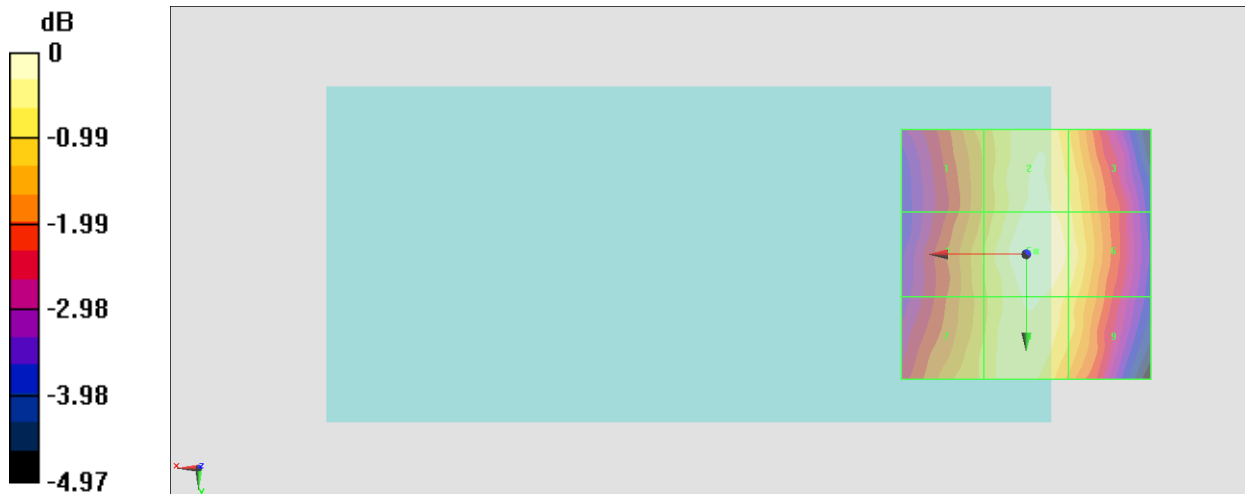
Grid 1 <b>M4</b> <b>28.4 dBV/m</b>	Grid 2 <b>M4</b> <b>29.3 dBV/m</b>	Grid 3 <b>M4</b> <b>28.93 dBV/m</b>
Grid 4 <b>M4</b> <b>28.55 dBV/m</b>	Grid 5 <b>M4</b> <b>29.51 dBV/m</b>	Grid 6 <b>M4</b> <b>29.12 dBV/m</b>
Grid 7 <b>M4</b> <b>28.62 dBV/m</b>	Grid 8 <b>M4</b> <b>29.23 dBV/m</b>	Grid 9 <b>M4</b> <b>28.76 dBV/m</b>

**Cursor:**

Total = 29.51 dBV/m

E Category: M4

Location: -2, -0.5, 8.7 mm



0 dB = 29.90 V/m = 29.51 dBV/m

### #03\_HAC\_E\_GSM850\_Voice\_Ch251;Ant 1

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 : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2021/1/25
- 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 = 26.23 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.08 dBV/m

**Emission category: M4**

MIF scaled E-field

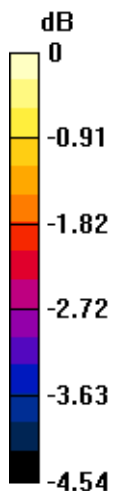
Grid 1 <b>M4</b> <b>27.71 dBV/m</b>	Grid 2 <b>M4</b> <b>28.89 dBV/m</b>	Grid 3 <b>M4</b> <b>28.65 dBV/m</b>
Grid 4 <b>M4</b> <b>27.97 dBV/m</b>	Grid 5 <b>M4</b> <b>29.08 dBV/m</b>	Grid 6 <b>M4</b> <b>28.81 dBV/m</b>
Grid 7 <b>M4</b> <b>28.02 dBV/m</b>	Grid 8 <b>M4</b> <b>28.82 dBV/m</b>	Grid 9 <b>M4</b> <b>28.57 dBV/m</b>

**Cursor:**

Total = 29.08 dBV/m

E Category: M4

Location: -3.5, -0.5, 8.7 mm



0 dB = 28.46 V/m = 29.08 dBV/m

### #04\_HAC\_E\_GSM850\_Voice\_Ch128;Ant 3

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 : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2021/1/25
- 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 = 34.29 V/m; Power Drift = -0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.17 dBV/m

**Emission category: M4**

MIF scaled E-field

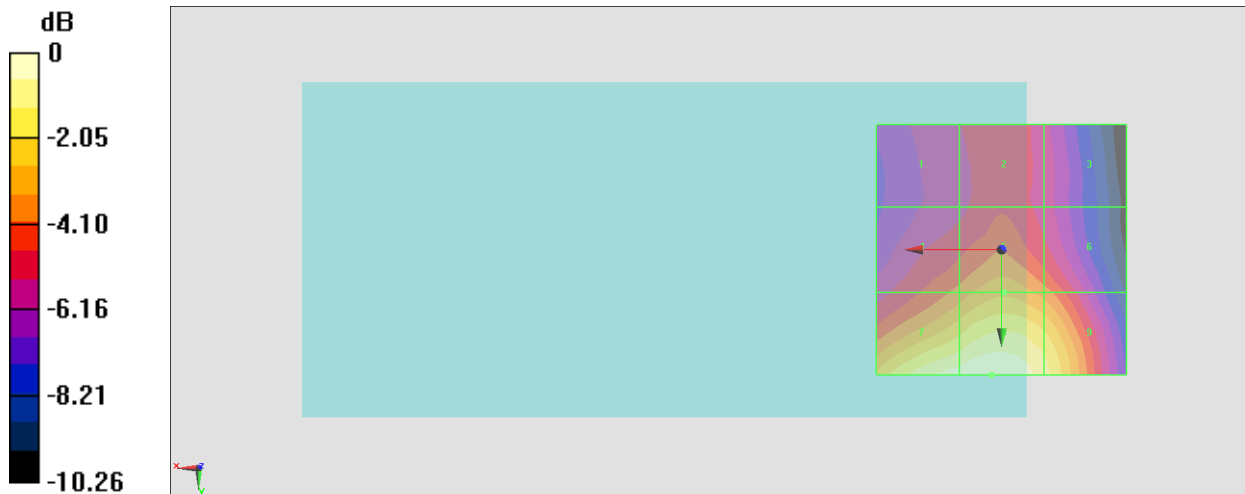
<b>Grid 1 M4</b> <b>29.69 dBV/m</b>	<b>Grid 2 M4</b> <b>30.35 dBV/m</b>	<b>Grid 3 M4</b> <b>29.45 dBV/m</b>
<b>Grid 4 M4</b> <b>31.36 dBV/m</b>	<b>Grid 5 M4</b> <b>32.28 dBV/m</b>	<b>Grid 6 M4</b> <b>31.44 dBV/m</b>
<b>Grid 7 M4</b> <b>34.93 dBV/m</b>	<b>Grid 8 M4</b> <b>35.17 dBV/m</b>	<b>Grid 9 M4</b> <b>34.12 dBV/m</b>

**Cursor:**

Total = 35.17 dBV/m

E Category: M4

Location: 2, 25, 8.7 mm



0 dB = 57.36 V/m = 35.17 dBV/m

**#05\_HAC\_E\_GSM850\_Voice\_Ch189;Ant 3**

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 : 23.6 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2021/1/25
- 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 = 35.52 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.77 dBV/m

**Emission category: M4**

MIF scaled E-field

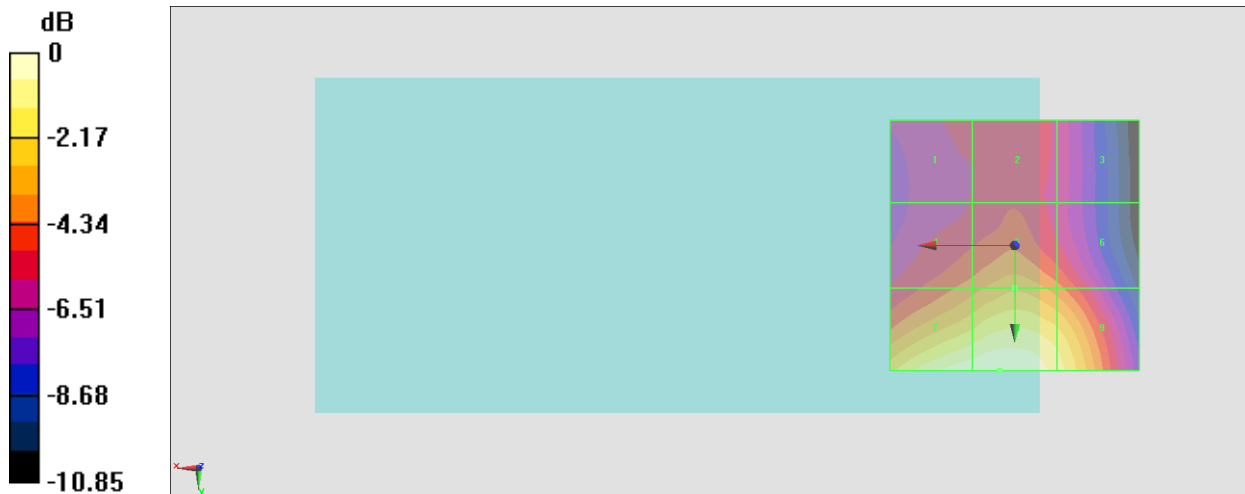
<b>Grid 1 M4</b> <b>30.37 dBV/m</b>	<b>Grid 2 M4</b> <b>30.7 dBV/m</b>	<b>Grid 3 M4</b> <b>29.82 dBV/m</b>
<b>Grid 4 M4</b> <b>31.86 dBV/m</b>	<b>Grid 5 M4</b> <b>32.74 dBV/m</b>	<b>Grid 6 M4</b> <b>31.76 dBV/m</b>
<b>Grid 7 M4</b> <b>35.6 dBV/m</b>	<b>Grid 8 M4</b> <b>35.77 dBV/m</b>	<b>Grid 9 M4</b> <b>34.73 dBV/m</b>

**Cursor:**

Total = 35.77 dBV/m

E Category: M4

Location: 3, 25, 8.7 mm



0 dB = 61.43 V/m = 35.77 dBV/m

### #06\_HAC\_E\_GSM850\_Voice\_Ch251;Ant 3

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 : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2021/1/25
- 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 = 37.21 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.45 dBV/m

**Emission category: M4**

MIF scaled E-field

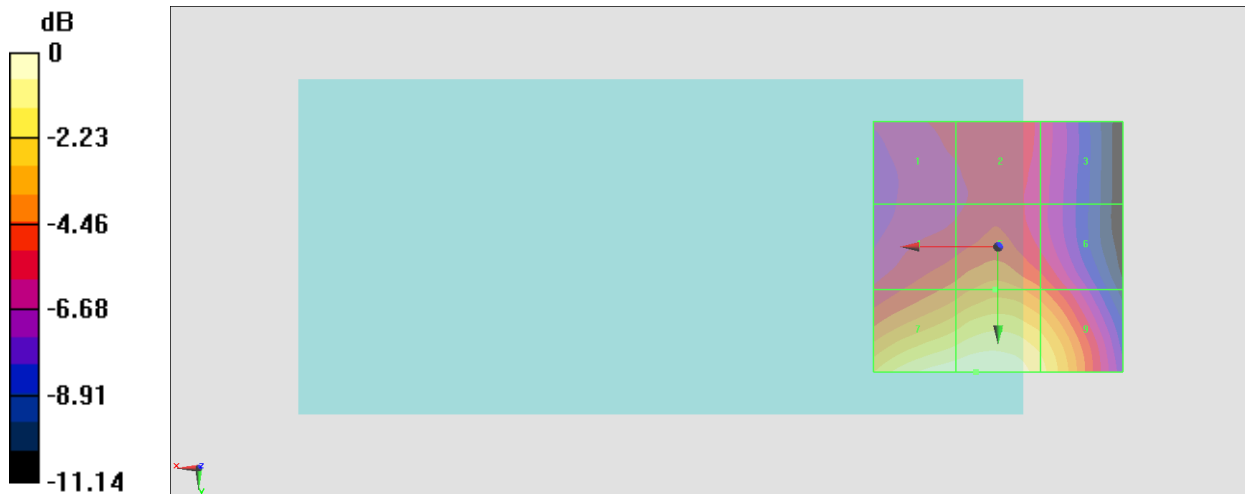
Grid 1 <b>M4</b> <b>30.79 dBV/m</b>	Grid 2 <b>M4</b> <b>31.13 dBV/m</b>	Grid 3 <b>M4</b> <b>30.34 dBV/m</b>
Grid 4 <b>M4</b> <b>32.33 dBV/m</b>	Grid 5 <b>M4</b> <b>33.13 dBV/m</b>	Grid 6 <b>M4</b> <b>32.13 dBV/m</b>
Grid 7 <b>M4</b> <b>36.29 dBV/m</b>	Grid 8 <b>M4</b> <b>36.45 dBV/m</b>	Grid 9 <b>M4</b> <b>35.27 dBV/m</b>

**Cursor:**

Total = 36.45 dBV/m

E Category: M4

Location: 4.5, 25, 8.7 mm



0 dB = 66.43 V/m = 36.45 dBV/m

## #07\_HAC\_E\_GSM1900\_Voice\_Ch512;Ant 2

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 : 23.6 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2021/1/25
- 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 = 5.345 V/m; Power Drift = -0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 20.99 dBV/m

**Emission category: M4**

MIF scaled E-field

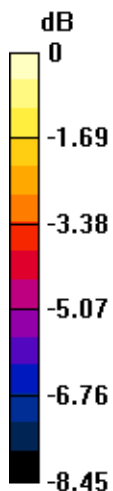
Grid 1 <b>M4</b> <b>19.36 dBV/m</b>	Grid 2 <b>M4</b> <b>20.19 dBV/m</b>	Grid 3 <b>M4</b> <b>16.05 dBV/m</b>
Grid 4 <b>M4</b> <b>19.33 dBV/m</b>	Grid 5 <b>M4</b> <b>20.99 dBV/m</b>	Grid 6 <b>M4</b> <b>15.61 dBV/m</b>
Grid 7 <b>M4</b> <b>19.3 dBV/m</b>	Grid 8 <b>M4</b> <b>18.11 dBV/m</b>	Grid 9 <b>M4</b> <b>15.83 dBV/m</b>

**Cursor:**

Total = 20.99 dBV/m

E Category: M4

Location: 1, 0, 8.7 mm



0 dB = 11.21 V/m = 20.99 dBV/m

## #08\_HAC\_E\_GSM1900\_Voice\_Ch661;Ant 2

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 : 23.6 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2021/1/25
- 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 = 4.547 V/m; Power Drift = 0.18 dB

Applied MIF = 3.63 dB

RF audio interference level = 17.23 dBV/m

**Emission category: M4**

MIF scaled E-field

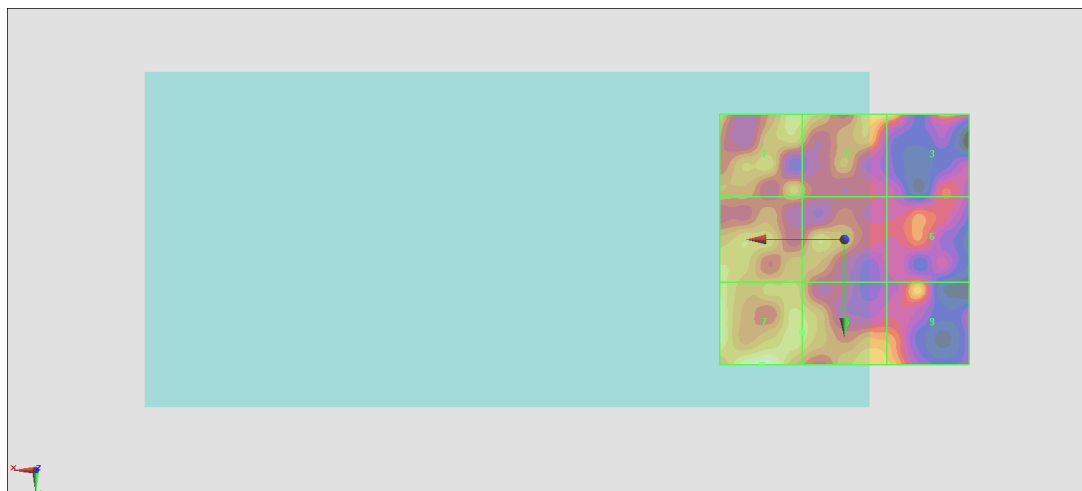
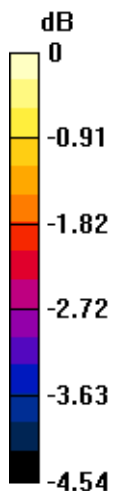
Grid 1 <b>M4</b> <b>16.51 dBV/m</b>	Grid 2 <b>M4</b> <b>16.48 dBV/m</b>	Grid 3 <b>M4</b> <b>16.32 dBV/m</b>
Grid 4 <b>M4</b> <b>16.54 dBV/m</b>	Grid 5 <b>M4</b> <b>16.35 dBV/m</b>	Grid 6 <b>M4</b> <b>15.55 dBV/m</b>
Grid 7 <b>M4</b> <b>17.23 dBV/m</b>	Grid 8 <b>M4</b> <b>16.49 dBV/m</b>	Grid 9 <b>M4</b> <b>16.23 dBV/m</b>

**Cursor:**

Total = 17.23 dBV/m

E Category: M4

Location: 16.5, 25, 8.7 mm



0 dB = 7.271 V/m = 17.23 dBV/m



## #09\_HAC\_E\_GSM1900\_Voice\_Ch810;Ant 2

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 : 23.6 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2021/1/25
- 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 = 4.738 V/m; Power Drift = -0.15 dB

Applied MIF = 3.63 dB

RF audio interference level = 17.19 dBV/m

**Emission category: M4**

MIF scaled E-field

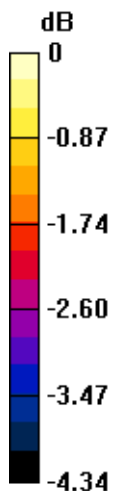
Grid 1 <b>M4</b> <b>17.19 dBV/m</b>	Grid 2 <b>M4</b> <b>16.41 dBV/m</b>	Grid 3 <b>M4</b> <b>16.01 dBV/m</b>
Grid 4 <b>M4</b> <b>16.6 dBV/m</b>	Grid 5 <b>M4</b> <b>16.62 dBV/m</b>	Grid 6 <b>M4</b> <b>15.94 dBV/m</b>
Grid 7 <b>M4</b> <b>16.61 dBV/m</b>	Grid 8 <b>M4</b> <b>16.61 dBV/m</b>	Grid 9 <b>M4</b> <b>16.33 dBV/m</b>

**Cursor:**

Total = 17.19 dBV/m

E Category: M4

Location: 15.5, -15, 8.7 mm



0 dB = 7.236 V/m = 17.19 dBV/m

### #10\_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 : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2021/1/25
- 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 = 5.545 V/m; Power Drift = 0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 21.11 dBV/m

**Emission category: M4**

MIF scaled E-field

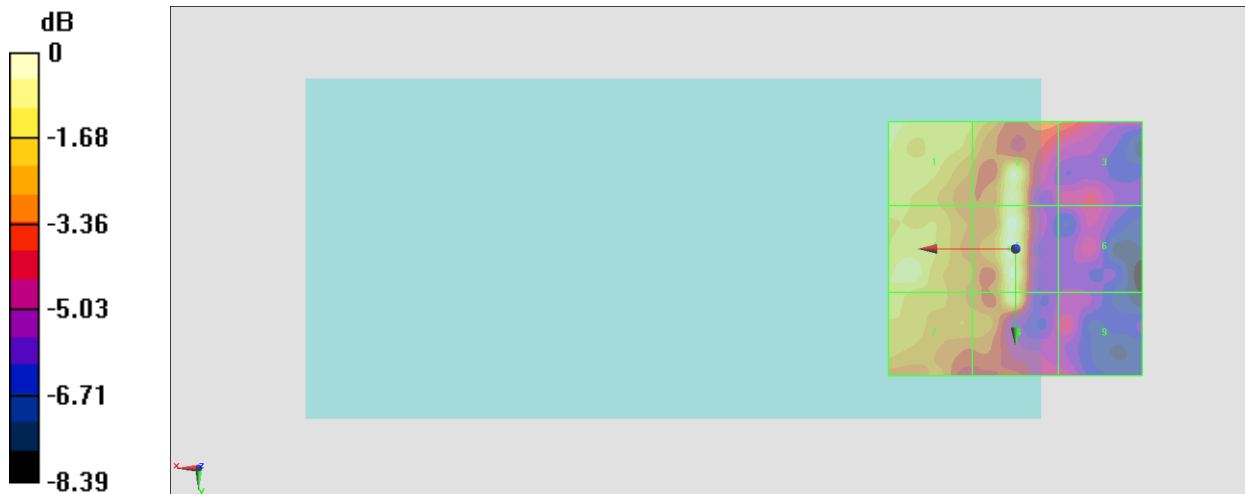
Grid 1 <b>M4</b> <b>20.67 dBV/m</b>	Grid 2 <b>M4</b> <b>20.64 dBV/m</b>	Grid 3 <b>M4</b> <b>17.94 dBV/m</b>
Grid 4 <b>M4</b> <b>20.28 dBV/m</b>	Grid 5 <b>M4</b> <b>21.11 dBV/m</b>	Grid 6 <b>M4</b> <b>16.64 dBV/m</b>
Grid 7 <b>M4</b> <b>19.97 dBV/m</b>	Grid 8 <b>M4</b> <b>20.47 dBV/m</b>	Grid 9 <b>M4</b> <b>16.75 dBV/m</b>

**Cursor:**

Total = 21.11 dBV/m

E Category: M4

Location: 1, 0, 8.7 mm



0 dB = 11.37 V/m = 21.12 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 : 23.6 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2021/1/25
- 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 = 5.799 V/m; Power Drift = 0.19 dB

Applied MIF = 3.63 dB

RF audio interference level = 21.20 dBV/m

**Emission category: M4**

MIF scaled E-field

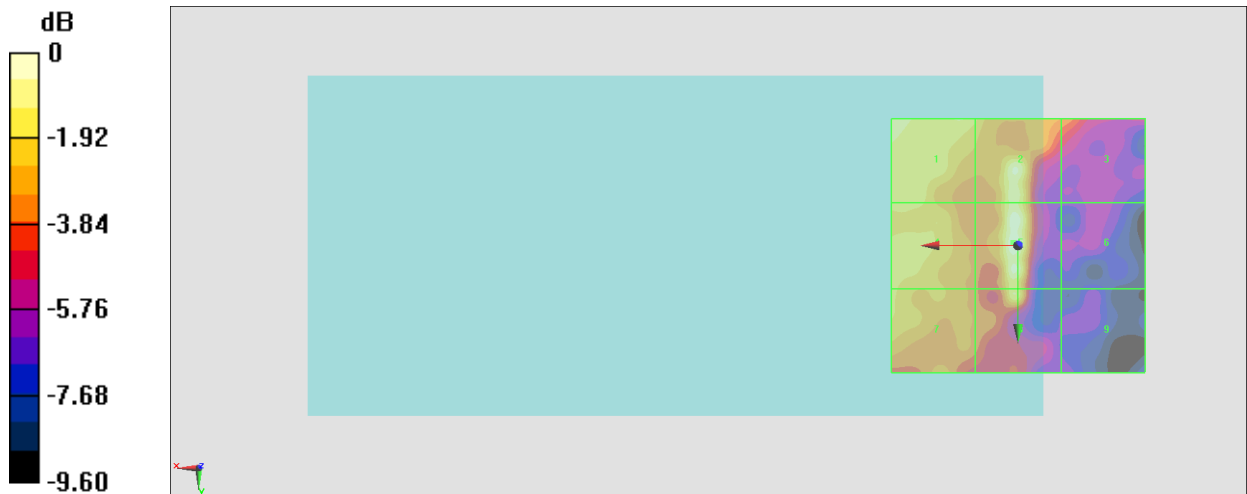
Grid 1 <b>M4</b> <b>20.63 dBV/m</b>	Grid 2 <b>M4</b> <b>20.71 dBV/m</b>	Grid 3 <b>M4</b> <b>18.03 dBV/m</b>
Grid 4 <b>M4</b> <b>19.59 dBV/m</b>	Grid 5 <b>M4</b> <b>21.2 dBV/m</b>	Grid 6 <b>M4</b> <b>15.23 dBV/m</b>
Grid 7 <b>M4</b> <b>19.49 dBV/m</b>	Grid 8 <b>M4</b> <b>19.97 dBV/m</b>	Grid 9 <b>M4</b> <b>14.67 dBV/m</b>

**Cursor:**

Total = 21.20 dBV/m

E Category: M4

Location: 1, -0.5, 8.7 mm



0 dB = 11.48 V/m = 21.20 dBV/m

## #12\_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 : 23.6 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2021/1/25
- 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 = 5.916 V/m; Power Drift = -0.18 dB

Applied MIF = 3.63 dB

RF audio interference level = 20.97 dBV/m

**Emission category: M4**

MIF scaled E-field

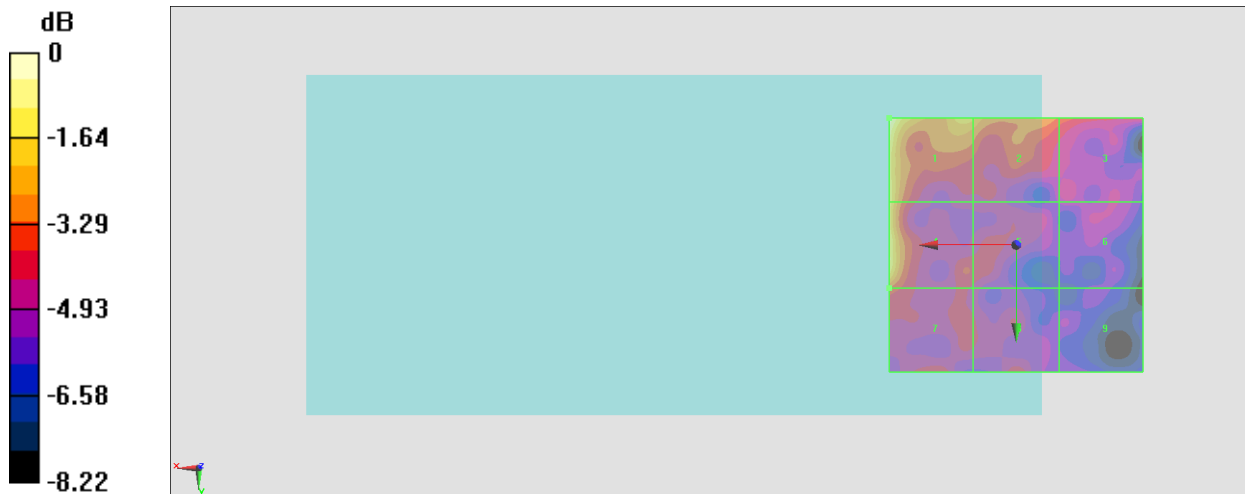
Grid 1 <b>M4</b> <b>20.97 dBV/m</b>	Grid 2 <b>M4</b> <b>18.97 dBV/m</b>	Grid 3 <b>M4</b> <b>17.61 dBV/m</b>
Grid 4 <b>M4</b> <b>20.07 dBV/m</b>	Grid 5 <b>M4</b> <b>17.08 dBV/m</b>	Grid 6 <b>M4</b> <b>16.15 dBV/m</b>
Grid 7 <b>M4</b> <b>17.66 dBV/m</b>	Grid 8 <b>M4</b> <b>17.02 dBV/m</b>	Grid 9 <b>M4</b> <b>15.6 dBV/m</b>

**Cursor:**

Total = 20.97 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 11.19 V/m = 20.98 dBV/m

### #13\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch39750;Ant 2

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 : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2021/1/25
- 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 = 8.605 V/m; Power Drift = -0.13 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.14 dBV/m

Emission category: M4

MIF scaled E-field

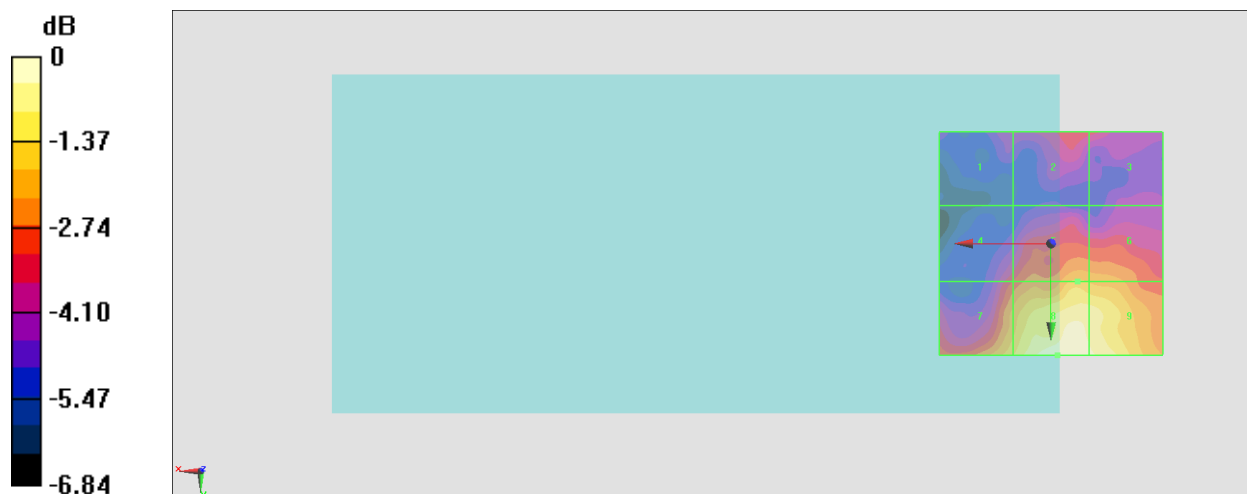
Grid 1 M4 14.14 dBV/m	Grid 2 M4 14.99 dBV/m	Grid 3 M4 14.75 dBV/m
Grid 4 M4 15 dBV/m	Grid 5 M4 16.45 dBV/m	Grid 6 M4 16.28 dBV/m
Grid 7 M4 16.76 dBV/m	Grid 8 M4 18.14 dBV/m	Grid 9 M4 17.81 dBV/m

**Cursor:**

Total = 18.14 dBV/m

E Category: M4

Location: -1.5, 25, 8.7 mm



0 dB = 8.070 V/m = 18.14 dBV/m

### #14\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40620;Ant 2

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2021/1/25
- 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 = 9.173 V/m; Power Drift = -0.13 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.92 dBV/m

**Emission category: M4**

MIF scaled E-field

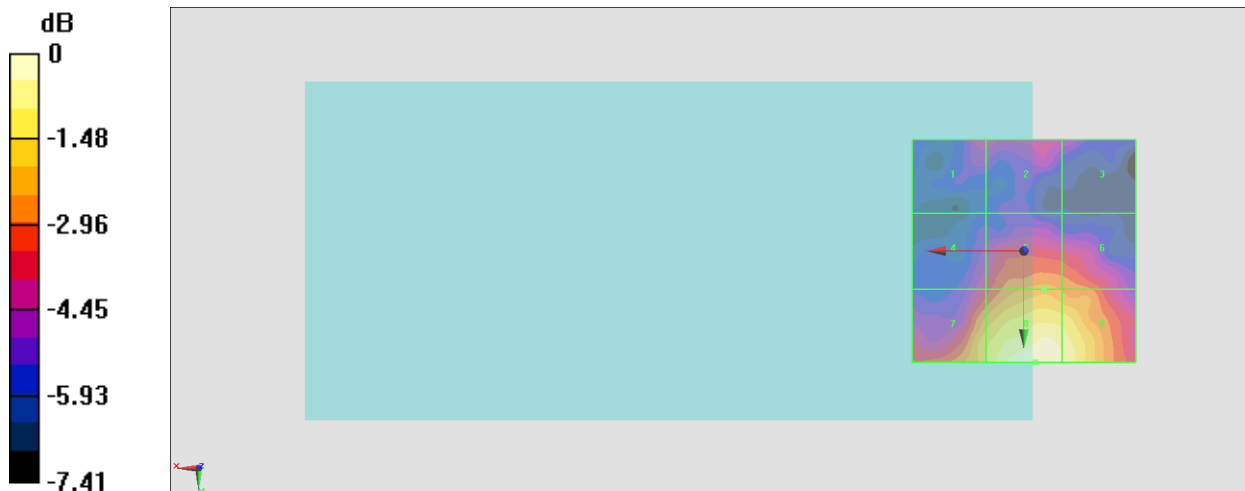
Grid 1 <b>M4</b> <b>14.94 dBV/m</b>	Grid 2 <b>M4</b> <b>14.94 dBV/m</b>	Grid 3 <b>M4</b> <b>14.63 dBV/m</b>
Grid 4 <b>M4</b> <b>15.19 dBV/m</b>	Grid 5 <b>M4</b> <b>16.7 dBV/m</b>	Grid 6 <b>M4</b> <b>16.38 dBV/m</b>
Grid 7 <b>M4</b> <b>17.39 dBV/m</b>	Grid 8 <b>M4</b> <b>18.92 dBV/m</b>	Grid 9 <b>M4</b> <b>18.43 dBV/m</b>

**Cursor:**

Total = 18.92 dBV/m

E Category: M4

Location: -2.5, 25, 8.7 mm



0 dB = 8.835 V/m = 18.92 dBV/m

### #15\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490;Ant 2

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2021/1/25
- 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 = 7.686 V/m; Power Drift = 0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.88 dBV/m

Emission category: M4

MIF scaled E-field

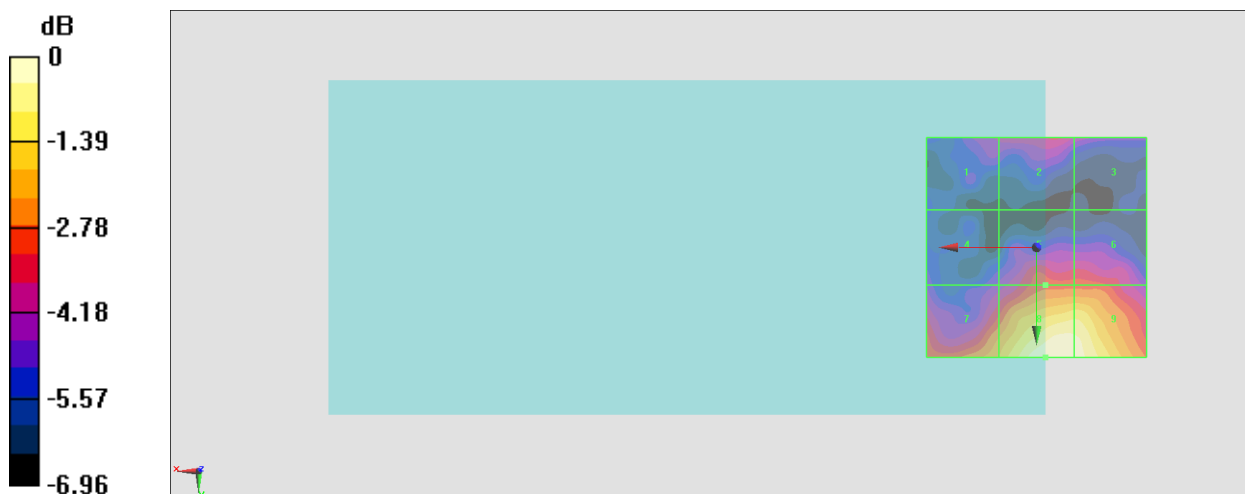
Grid 1 M4 <b>14.87 dBV/m</b>	Grid 2 M4 <b>15.32 dBV/m</b>	Grid 3 M4 <b>14.74 dBV/m</b>
Grid 4 M4 <b>14.44 dBV/m</b>	Grid 5 M4 <b>15.93 dBV/m</b>	Grid 6 M4 <b>15.92 dBV/m</b>
Grid 7 M4 <b>17.06 dBV/m</b>	Grid 8 M4 <b>18.88 dBV/m</b>	Grid 9 M4 <b>18.67 dBV/m</b>

**Cursor:**

Total = 18.88 dBV/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 8.791 V/m = 18.88 dBV/m

### #16\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch39750;Ant 4

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2021/1/25
- 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 = 13.14 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.35 dBV/m

Emission category: **M4**

MIF scaled E-field

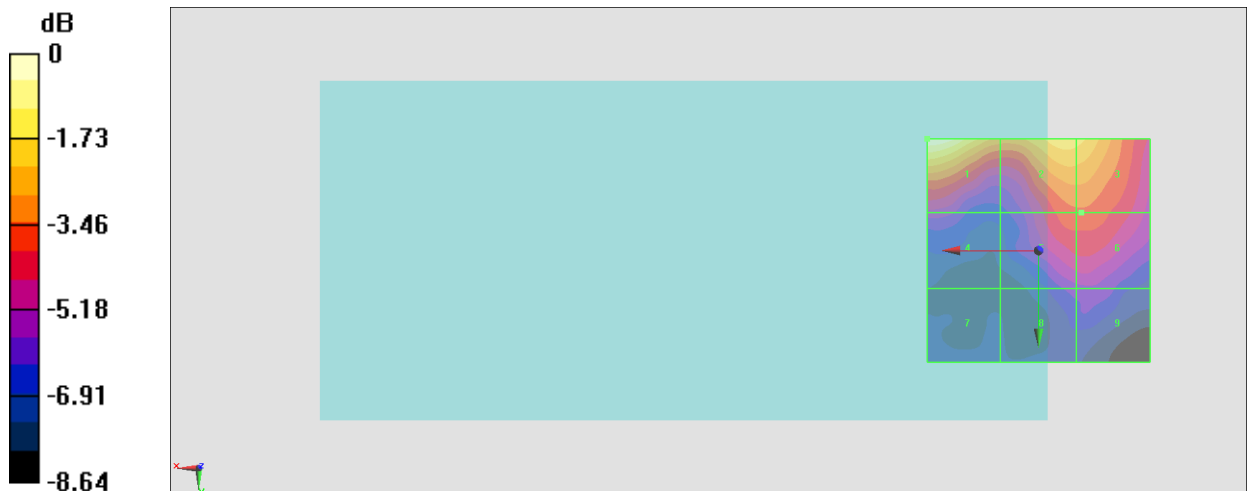
Grid 1 <b>M4</b> <b>23.35 dBV/m</b>	Grid 2 <b>M4</b> <b>22.01 dBV/m</b>	Grid 3 <b>M4</b> <b>21.88 dBV/m</b>
Grid 4 <b>M4</b> <b>18 dBV/m</b>	Grid 5 <b>M4</b> <b>19.77 dBV/m</b>	Grid 6 <b>M4</b> <b>19.78 dBV/m</b>
Grid 7 <b>M4</b> <b>16.4 dBV/m</b>	Grid 8 <b>M4</b> <b>17.38 dBV/m</b>	Grid 9 <b>M4</b> <b>17.5 dBV/m</b>

**Cursor:**

Total = 23.35 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 14.70 V/m = 23.35 dBV/m



### #17\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40620;Ant 4

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2021/1/25
- 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 = 17.84 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.03 dBV/m

**Emission category: M4**

MIF scaled E-field

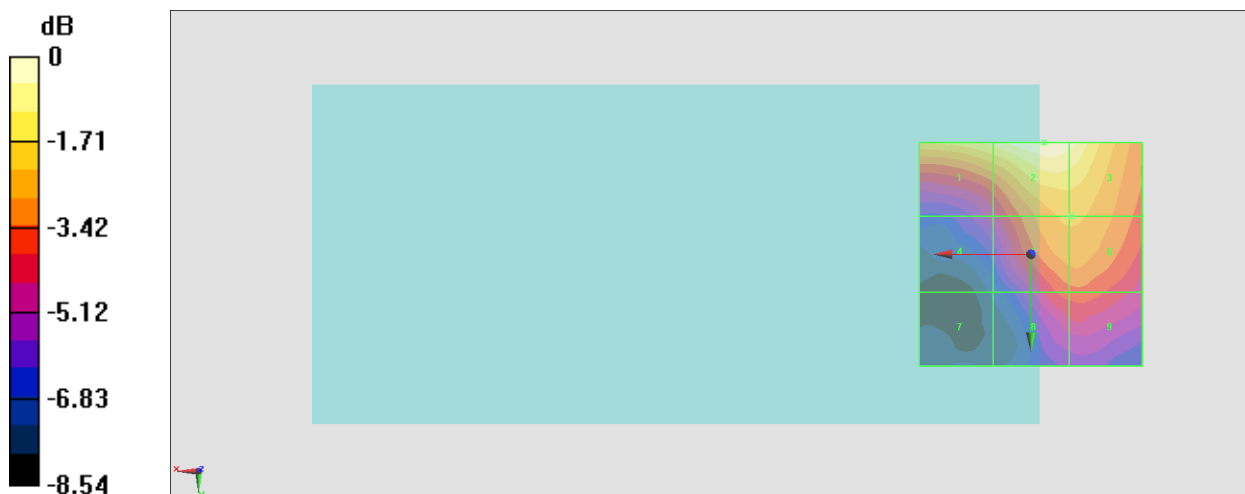
Grid 1 <b>M4</b> <b>23.16 dBV/m</b>	Grid 2 <b>M4</b> <b>24.03 dBV/m</b>	Grid 3 <b>M4</b> <b>23.68 dBV/m</b>
Grid 4 <b>M4</b> <b>19.23 dBV/m</b>	Grid 5 <b>M4</b> <b>21.88 dBV/m</b>	Grid 6 <b>M4</b> <b>21.88 dBV/m</b>
Grid 7 <b>M4</b> <b>16.85 dBV/m</b>	Grid 8 <b>M4</b> <b>20.35 dBV/m</b>	Grid 9 <b>M4</b> <b>20.43 dBV/m</b>

**Cursor:**

Total = 24.03 dBV/m

E Category: M4

Location: -3, -25, 8.7 mm



0 dB = 15.91 V/m = 24.03 dBV/m

### #18\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490;Ant 4

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 : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2021/1/25
- 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 = 18.59 V/m; Power Drift = -0.00 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.61 dBV/m

**Emission category: M4**

MIF scaled E-field

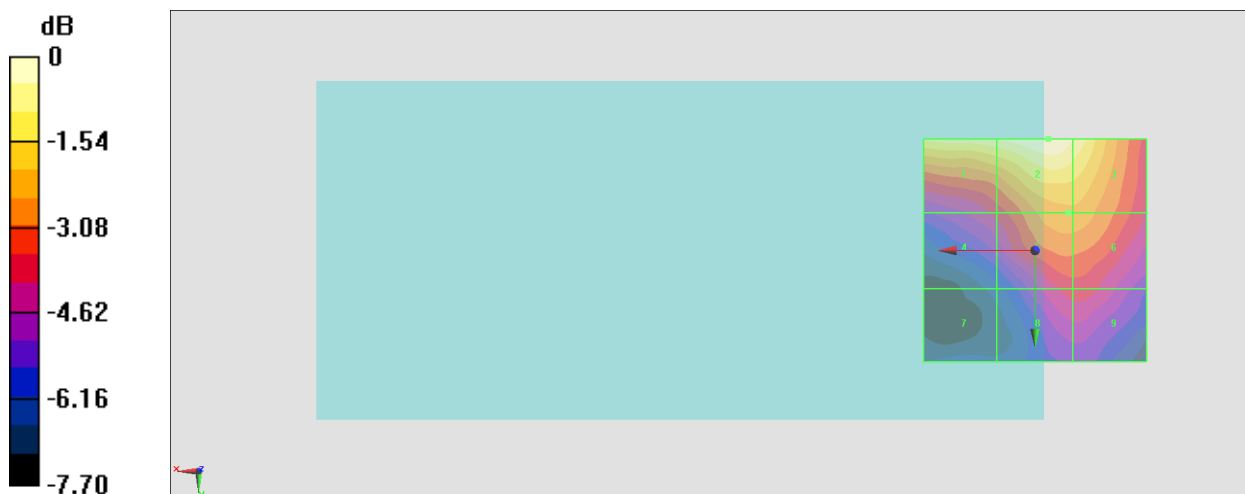
Grid 1 <b>M4</b> <b>24.14 dBV/m</b>	Grid 2 <b>M4</b> <b>24.61 dBV/m</b>	Grid 3 <b>M4</b> <b>24.12 dBV/m</b>
Grid 4 <b>M4</b> <b>20.74 dBV/m</b>	Grid 5 <b>M4</b> <b>22.43 dBV/m</b>	Grid 6 <b>M4</b> <b>22.42 dBV/m</b>
Grid 7 <b>M4</b> <b>18.36 dBV/m</b>	Grid 8 <b>M4</b> <b>20.81 dBV/m</b>	Grid 9 <b>M4</b> <b>20.84 dBV/m</b>

**Cursor:**

Total = 24.61 dBV/m

E Category: M4

Location: -3, -25, 8.7 mm



0 dB = 17.00 V/m = 24.61 dBV/m

### #19\_HAC\_E\_LTE Band 42\_20M\_QPSK\_1\_0\_Ch43190;Ant 5

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2021/1/25
- 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 = 13.81 V/m; Power Drift = 0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.16 dBV/m

**Emission category: M4**

MIF scaled E-field

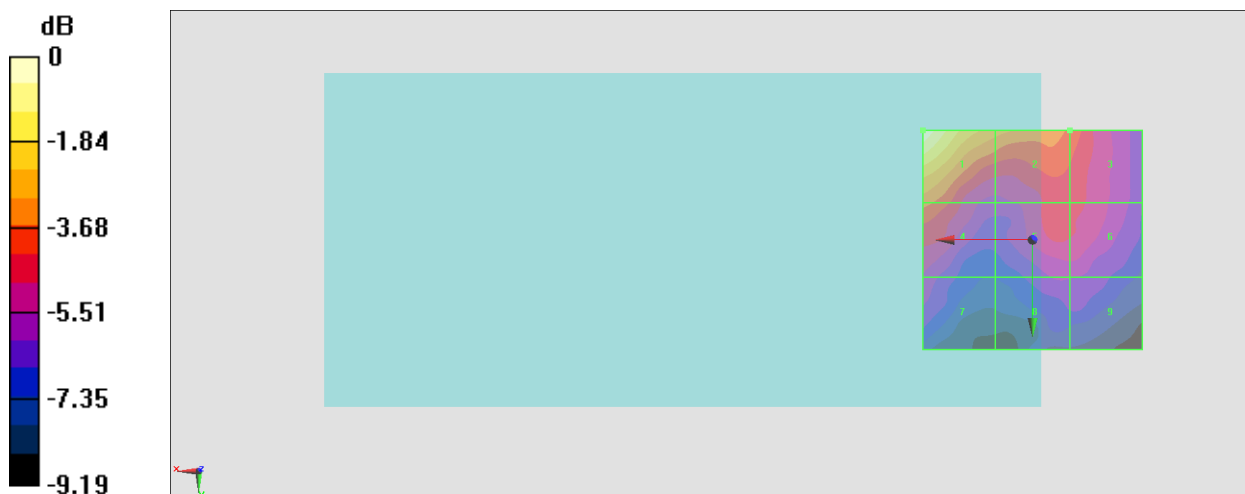
Grid 1 <b>M4</b> <b>24.16 dBV/m</b>	Grid 2 <b>M4</b> <b>21.43 dBV/m</b>	Grid 3 <b>M4</b> <b>20.34 dBV/m</b>
Grid 4 <b>M4</b> <b>20.76 dBV/m</b>	Grid 5 <b>M4</b> <b>19.65 dBV/m</b>	Grid 6 <b>M4</b> <b>19.56 dBV/m</b>
Grid 7 <b>M4</b> <b>18.62 dBV/m</b>	Grid 8 <b>M4</b> <b>18.14 dBV/m</b>	Grid 9 <b>M4</b> <b>18.1 dBV/m</b>

**Cursor:**

Total = 24.16 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 16.14 V/m = 24.16 dBV/m

### #20\_HAC\_E\_LTE Band 42\_20M\_QPSK\_1\_0\_Ch43340;Ant 5

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3575 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3575 MHz; Calibrated: 2021/1/25
- 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 = 14.94 V/m; Power Drift = 0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.37 dBV/m

Emission category: M4

MIF scaled E-field

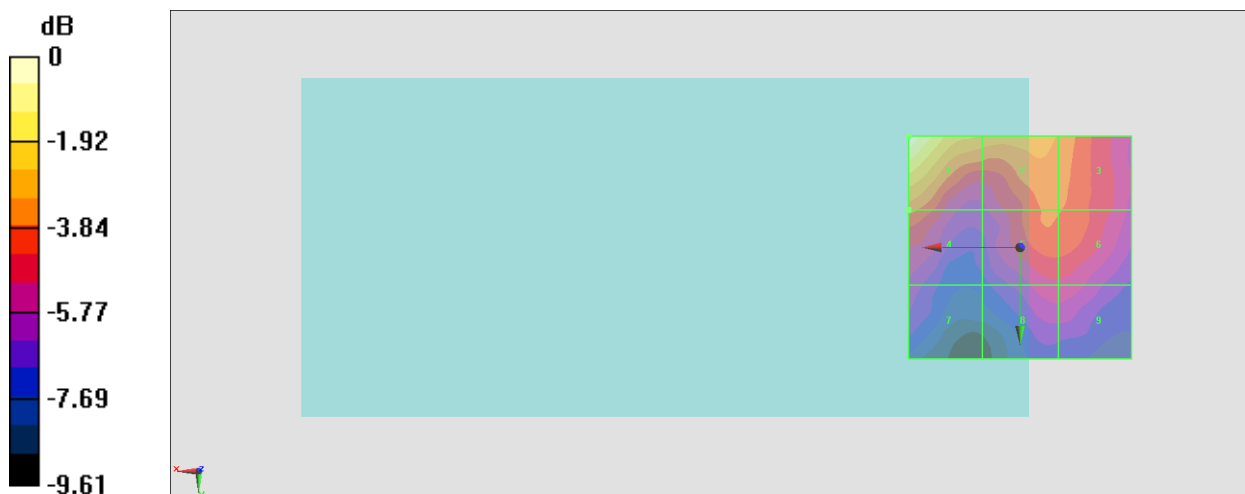
Grid 1 M4 24.37 dBV/m	Grid 2 M4 21.75 dBV/m	Grid 3 M4 21.15 dBV/m
Grid 4 M4 20.8 dBV/m	Grid 5 M4 20.63 dBV/m	Grid 6 M4 20.58 dBV/m
Grid 7 M4 18.41 dBV/m	Grid 8 M4 19.09 dBV/m	Grid 9 M4 19.08 dBV/m

**Cursor:**

Total = 24.37 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 16.53 V/m = 24.37 dBV/m

### #21\_HAC\_E\_LTE Band 42\_20M\_QPSK\_1\_0\_Ch43490;Ant 5

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3590 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3590 MHz; Calibrated: 2021/1/25
- 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 = 14.69 V/m; Power Drift = -0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.31 dBV/m

Emission category: M4

MIF scaled E-field

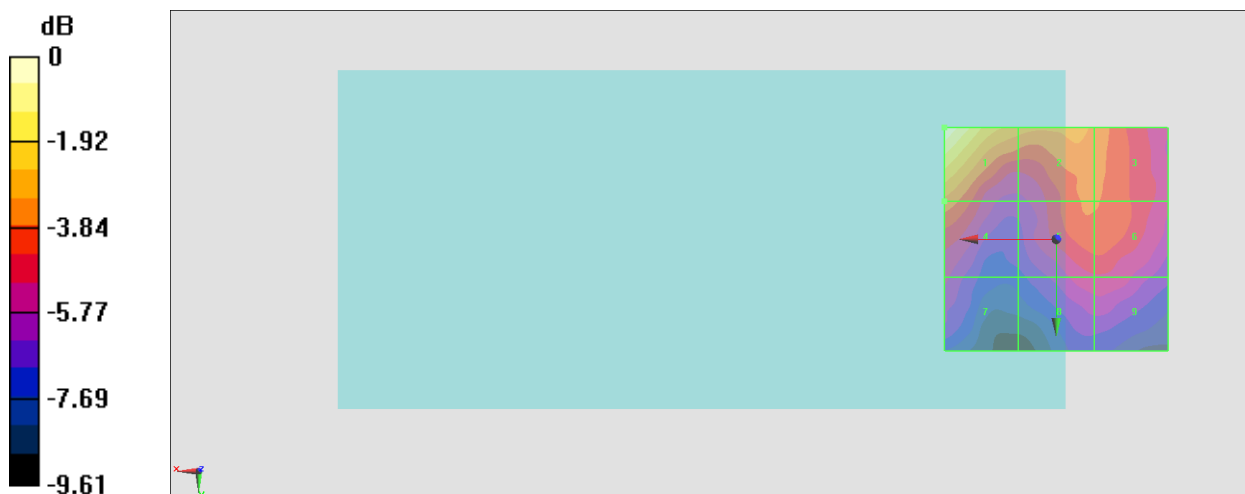
Grid 1 M4 24.31 dBV/m	Grid 2 M4 21.47 dBV/m	Grid 3 M4 20.98 dBV/m
Grid 4 M4 20.94 dBV/m	Grid 5 M4 20.54 dBV/m	Grid 6 M4 20.52 dBV/m
Grid 7 M4 18.72 dBV/m	Grid 8 M4 19.07 dBV/m	Grid 9 M4 19.08 dBV/m

**Cursor:**

Total = 24.31 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 16.42 V/m = 24.31 dBV/m

## #22\_HAC\_E\_LTE Band 42\_20M\_QPSK\_1\_0\_Ch43190;Ant 4

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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2021/1/25
- 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 = 19.75 V/m; Power Drift = 0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.63 dBV/m

Emission category: **M4**

MIF scaled E-field

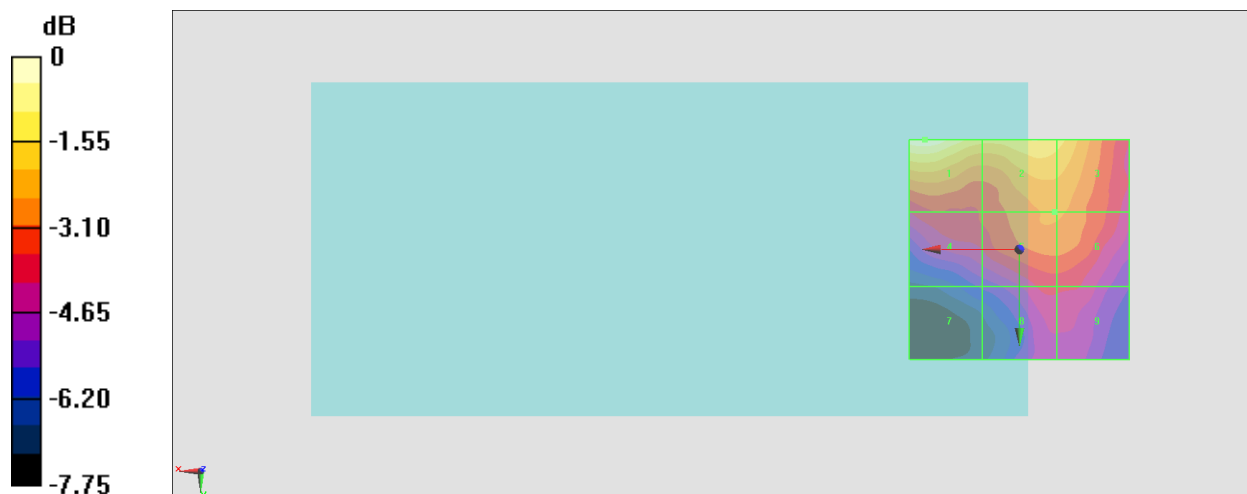
Grid 1 <b>M4</b> <b>24.63 dBV/m</b>	Grid 2 <b>M4</b> <b>23.65 dBV/m</b>	Grid 3 <b>M4</b> <b>23.35 dBV/m</b>
Grid 4 <b>M4</b> <b>21.08 dBV/m</b>	Grid 5 <b>M4</b> <b>22.14 dBV/m</b>	Grid 6 <b>M4</b> <b>22.13 dBV/m</b>
Grid 7 <b>M4</b> <b>19.07 dBV/m</b>	Grid 8 <b>M4</b> <b>20.69 dBV/m</b>	Grid 9 <b>M4</b> <b>20.67 dBV/m</b>

**Cursor:**

Total = 24.63 dBV/m

E Category: M4

Location: 21.5, -25, 8.7 mm



0 dB = 17.04 V/m = 24.63 dBV/m

### #23\_HAC\_E\_LTE Band 42\_20M\_QPSK\_1\_0\_Ch43340;Ant 4

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3575 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3575 MHz; Calibrated: 2021/1/25
- 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 = 20.43 V/m; Power Drift = -0.08 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.66 dBV/m

**Emission category: M4**

MIF scaled E-field

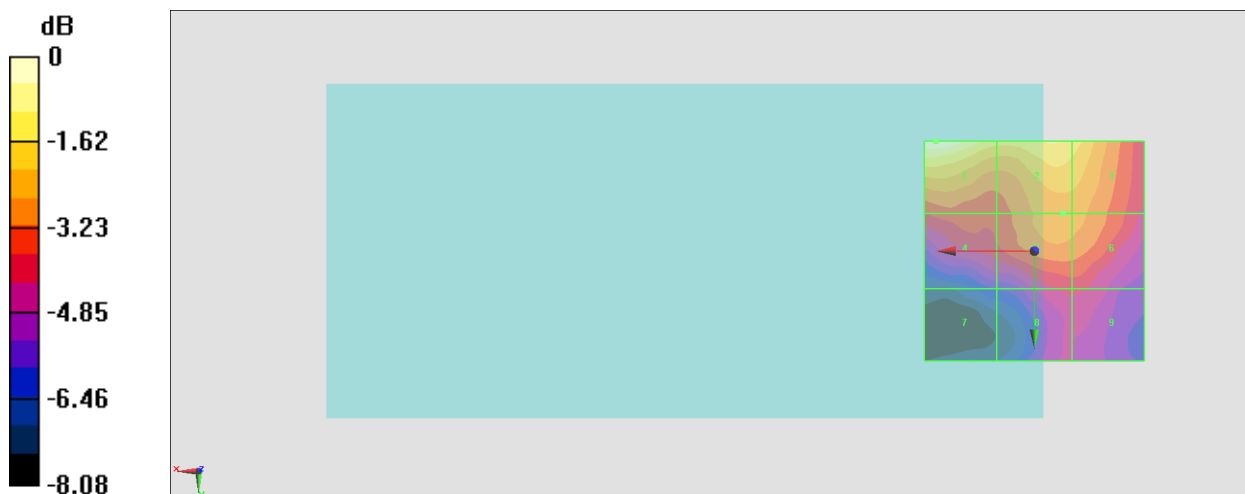
Grid 1 <b>M4</b> <b>24.66 dBV/m</b>	Grid 2 <b>M4</b> <b>23.66 dBV/m</b>	Grid 3 <b>M4</b> <b>23.37 dBV/m</b>
Grid 4 <b>M4</b> <b>21.22 dBV/m</b>	Grid 5 <b>M4</b> <b>22.26 dBV/m</b>	Grid 6 <b>M4</b> <b>22.22 dBV/m</b>
Grid 7 <b>M4</b> <b>18.83 dBV/m</b>	Grid 8 <b>M4</b> <b>20.53 dBV/m</b>	Grid 9 <b>M4</b> <b>20.53 dBV/m</b>

**Cursor:**

Total = 24.66 dBV/m

E Category: M4

Location: 22.5, -25, 8.7 mm



0 dB = 17.10 V/m = 24.66 dBV/m

### #24\_HAC\_E\_LTE Band 42\_20M\_QPSK\_1\_0\_Ch43490;Ant 4

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3590 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3590 MHz; Calibrated: 2021/1/25
- 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 = 20.11 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.66 dBV/m

Emission category: M4

MIF scaled E-field

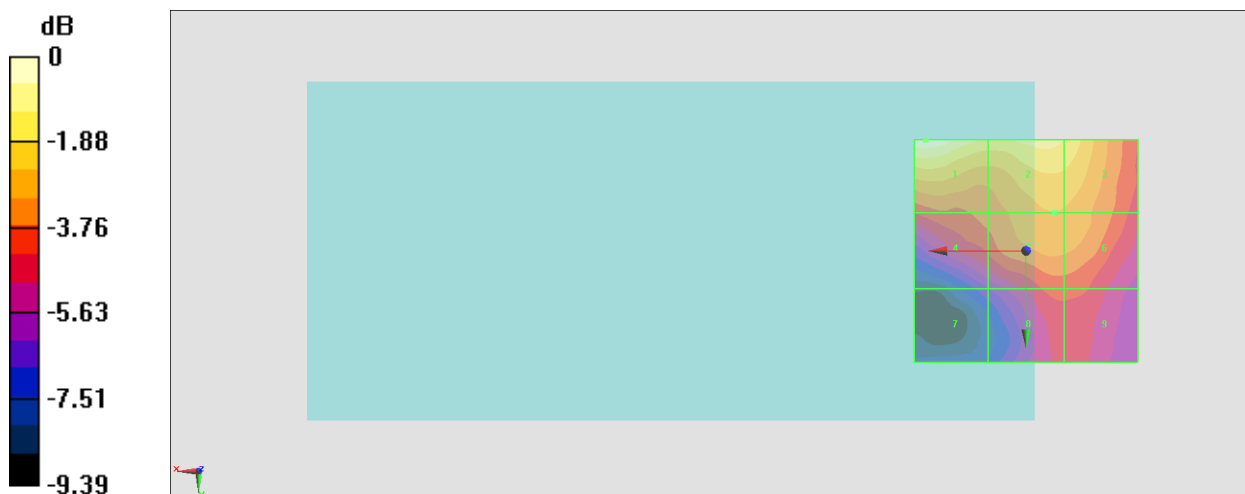
Grid 1 M4 24.66 dBV/m	Grid 2 M4 23.71 dBV/m	Grid 3 M4 23.44 dBV/m
Grid 4 M4 21.17 dBV/m	Grid 5 M4 22.16 dBV/m	Grid 6 M4 22.11 dBV/m
Grid 7 M4 18.4 dBV/m	Grid 8 M4 20.55 dBV/m	Grid 9 M4 20.54 dBV/m

**Cursor:**

Total = 24.66 dBV/m

E Category: M4

Location: 22.5, -25, 8.7 mm



0 dB = 17.10 V/m = 24.66 dBV/m



### #25\_HAC\_E\_WLAN 2.4GHz\_802.11g 6Mbps\_Ch1;Ant 7+8

Communication System: IEEE 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2021/1/25
- 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 = 50.47 V/m; Power Drift = -0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.34 dBV/m

Emission category: **M4**

MIF scaled E-field

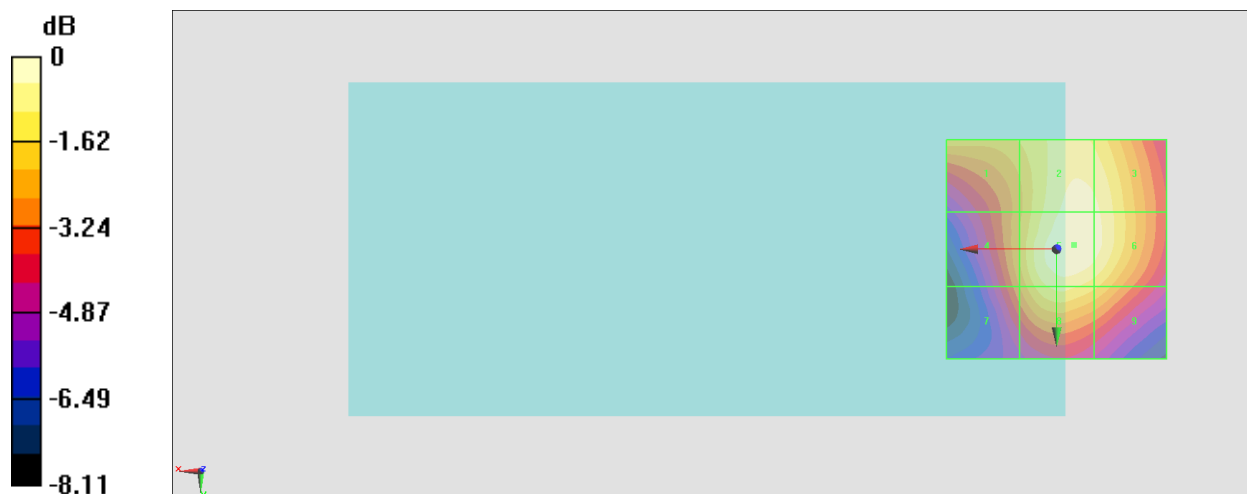
Grid 1 <b>M4</b> <b>27.79 dBV/m</b>	Grid 2 <b>M4</b> <b>29.1 dBV/m</b>	Grid 3 <b>M4</b> <b>28.95 dBV/m</b>
Grid 4 <b>M4</b> <b>27.23 dBV/m</b>	Grid 5 <b>M4</b> <b>29.34 dBV/m</b>	Grid 6 <b>M4</b> <b>29.07 dBV/m</b>
Grid 7 <b>M4</b> <b>26.63 dBV/m</b>	Grid 8 <b>M4</b> <b>28.47 dBV/m</b>	Grid 9 <b>M4</b> <b>27.87 dBV/m</b>

**Cursor:**

Total = 29.34 dBV/m

E Category: M4

Location: -4, -1, 8.7 mm



0 dB = 29.32 V/m = 29.34 dBV/m

## #26\_HAC\_E\_WLAN 2.4GHz\_802.11g 6Mbps\_Ch6;Ant 7+8

Communication System IEEE 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 : 23.6 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2021/1/25
- 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 = 46.67 V/m; Power Drift = -0.11 dB

Applied MIF = 0.12 dB

RF audio interference level = 28.89 dBV/m

**Emission category: M4**

MIF scaled E-field

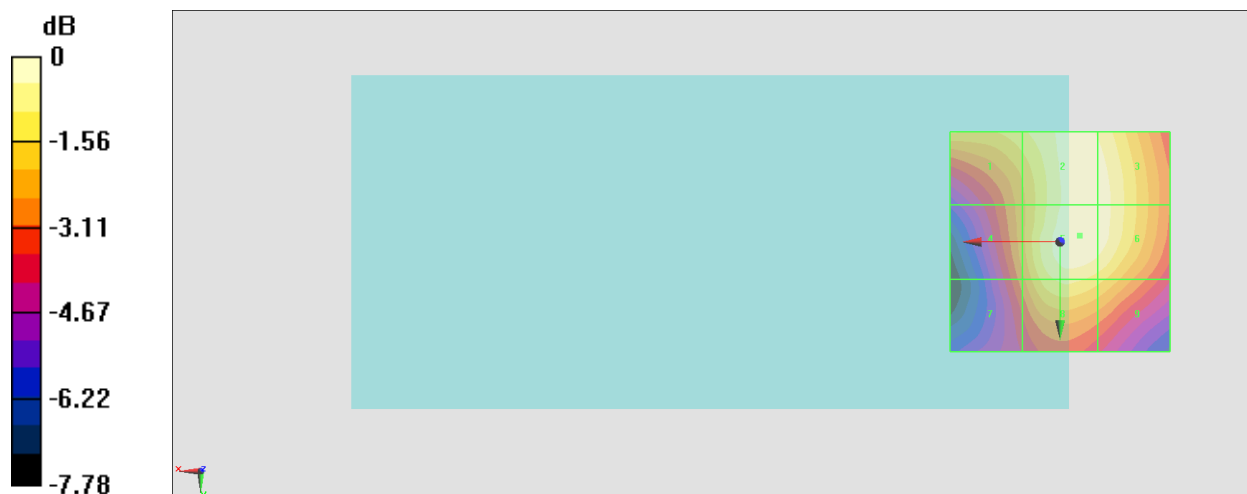
Grid 1 <b>M4</b> <b>27.75 dBV/m</b>	Grid 2 <b>M4</b> <b>28.78 dBV/m</b>	Grid 3 <b>M4</b> <b>28.7 dBV/m</b>
Grid 4 <b>M4</b> <b>26.69 dBV/m</b>	Grid 5 <b>M4</b> <b>28.89 dBV/m</b>	Grid 6 <b>M4</b> <b>28.7 dBV/m</b>
Grid 7 <b>M4</b> <b>26.15 dBV/m</b>	Grid 8 <b>M4</b> <b>28.03 dBV/m</b>	Grid 9 <b>M4</b> <b>27.57 dBV/m</b>

**Cursor:**

Total = 28.89 dBV/m

E Category: M4

Location: -4.5, -1.5, 8.7 mm



0 dB = 27.82 V/m = 28.89 dBV/m

### #27\_HAC\_E\_WLAN 2.4GHz\_802.11g 6Mbps\_Ch11;Ant 7+8

Communication System: IEEE 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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2021/1/25
- 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 = 45.71 V/m; Power Drift = -0.03 dB

Applied MIF = 0.12 dB

RF audio interference level = 28.80 dBV/m

Emission category: **M4**

MIF scaled E-field

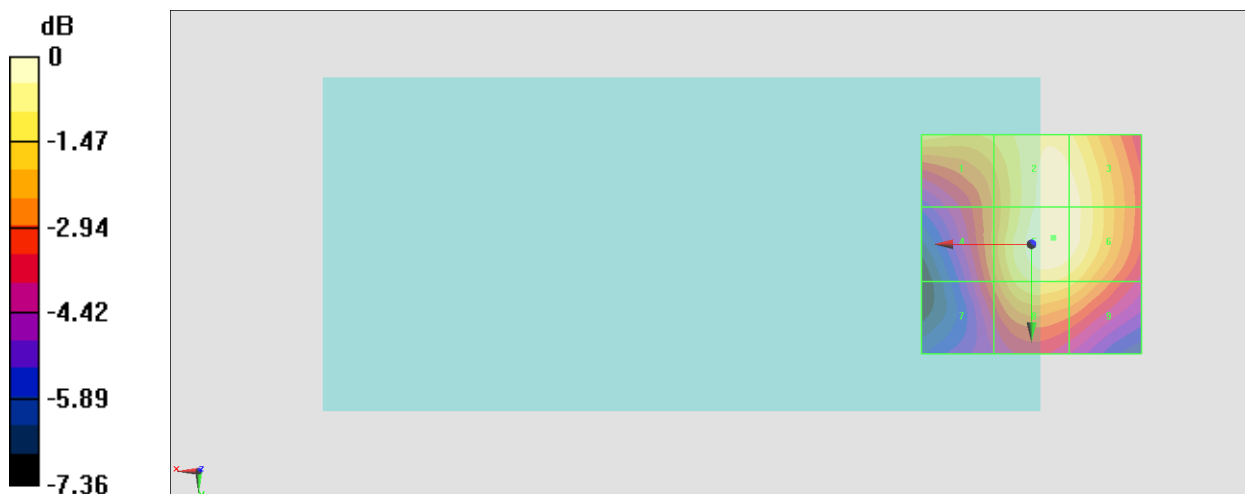
Grid 1 <b>M4</b> <b>27.77 dBV/m</b>	Grid 2 <b>M4</b> <b>28.68 dBV/m</b>	Grid 3 <b>M4</b> <b>28.59 dBV/m</b>
Grid 4 <b>M4</b> <b>26.57 dBV/m</b>	Grid 5 <b>M4</b> <b>28.8 dBV/m</b>	Grid 6 <b>M4</b> <b>28.63 dBV/m</b>
Grid 7 <b>M4</b> <b>26.07 dBV/m</b>	Grid 8 <b>M4</b> <b>27.89 dBV/m</b>	Grid 9 <b>M4</b> <b>27.54 dBV/m</b>

**Cursor:**

Total = 28.80 dBV/m

E Category: M4

Location: -5, -1.5, 8.7 mm



0 dB = 27.53 V/m = 28.80 dBV/m