

### #01\_HAC\_E\_GSM850\_Voice\_Ch128;Ant 0

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

### 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 = 74.00 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.73 dBV/m

**Emission category: M4**

MIF scaled E-field

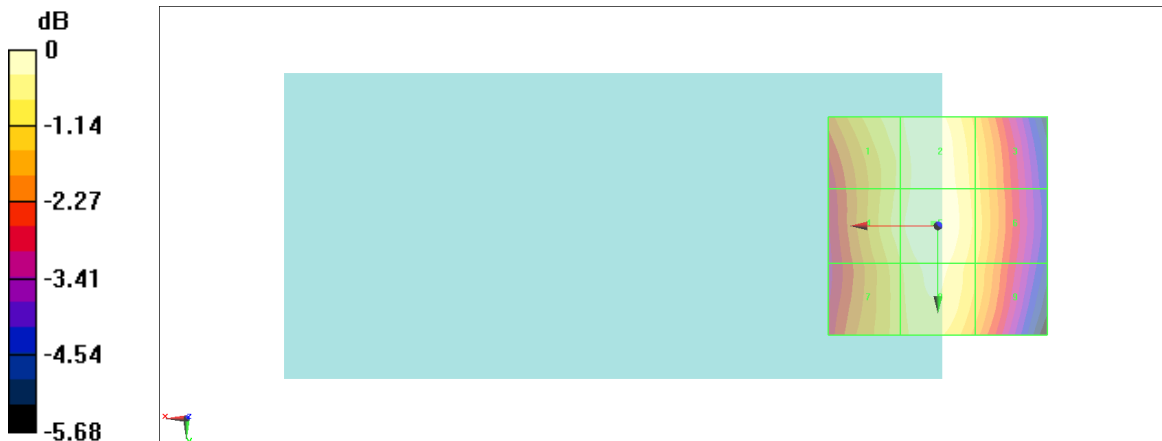
Grid 1 M4 37.3 dBV/m	Grid 2 M4 37.62 dBV/m	Grid 3 M4 36.79 dBV/m
Grid 4 M4 37.24 dBV/m	Grid 5 M4 37.73 dBV/m	Grid 6 M4 36.87 dBV/m
Grid 7 M4 36.95 dBV/m	Grid 8 M4 37.49 dBV/m	Grid 9 M4 36.67 dBV/m

**Cursor:**

Total = 37.73 dBV/m

E Category: M4

Location: 1, -0.5, 8.7 mm



0 dB = 76.97 V/m = 37.73 dBV/m

**#02\_HAC\_E\_GSM850\_Voice\_Ch189;Ant 0**

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 69.83 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.29 dBV/m

**Emission category: M4**

MIF scaled E-field

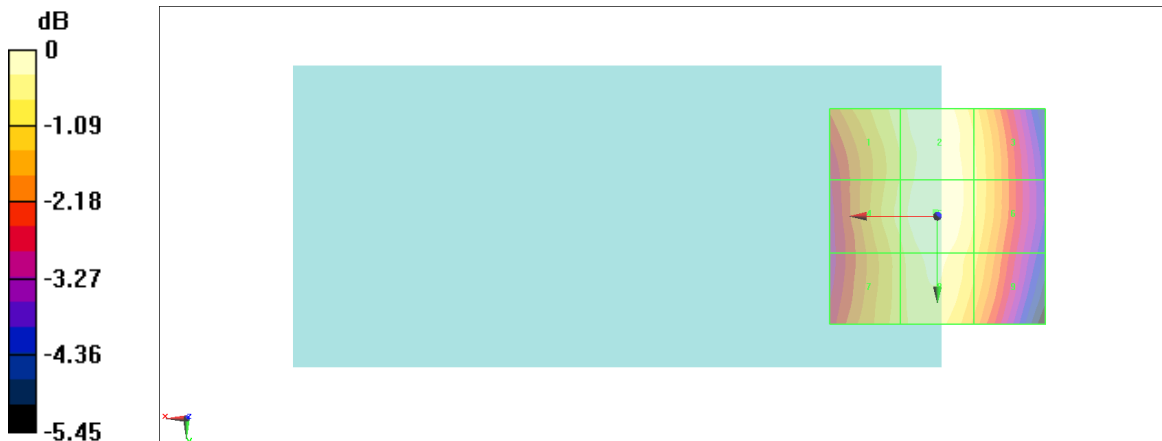
Grid 1 <b>M4</b> <b>36.8 dBV/m</b>	Grid 2 <b>M4</b> <b>37.21 dBV/m</b>	Grid 3 <b>M4</b> <b>36.65 dBV/m</b>
Grid 4 <b>M4</b> <b>36.75 dBV/m</b>	Grid 5 <b>M4</b> <b>37.29 dBV/m</b>	Grid 6 <b>M4</b> <b>36.66 dBV/m</b>
Grid 7 <b>M4</b> <b>36.48 dBV/m</b>	Grid 8 <b>M4</b> <b>37.05 dBV/m</b>	Grid 9 <b>M4</b> <b>36.36 dBV/m</b>

**Cursor:**

Total = 37.29 dBV/m

E Category: M4

Location: 0.5, -1, 8.7 mm



0 dB = 73.24 V/m = 37.29 dBV/m

**#03\_HAC\_E\_GSM850\_Voice\_Ch251;Ant 0**

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 69.42 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.34 dBV/m

**Emission category: M4**

MIF scaled E-field

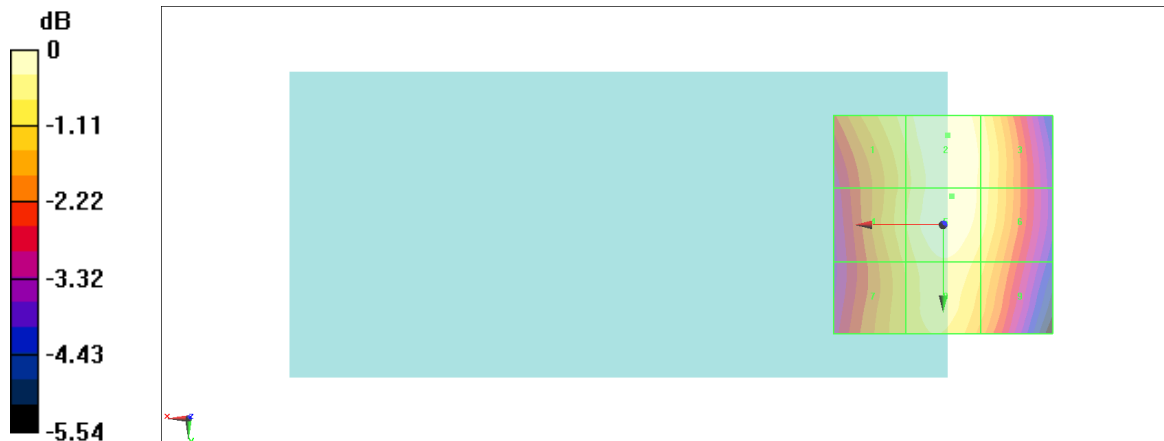
Grid 1 <b>M4</b> <b>36.8 dBV/m</b>	Grid 2 <b>M4</b> <b>37.34 dBV/m</b>	Grid 3 <b>M4</b> <b>36.93 dBV/m</b>
Grid 4 <b>M4</b> <b>36.58 dBV/m</b>	Grid 5 <b>M4</b> <b>37.29 dBV/m</b>	Grid 6 <b>M4</b> <b>36.88 dBV/m</b>
Grid 7 <b>M4</b> <b>36.32 dBV/m</b>	Grid 8 <b>M4</b> <b>36.94 dBV/m</b>	Grid 9 <b>M4</b> <b>36.41 dBV/m</b>

**Cursor:**

Total = 37.34 dBV/m

E Category: M4

Location: -1, -20.5, 8.7 mm



0 dB = 73.62 V/m = 37.34 dBV/m

### #04\_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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

### 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 = 131.7 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.99 dBV/m

**Emission category: M3**

MIF scaled E-field

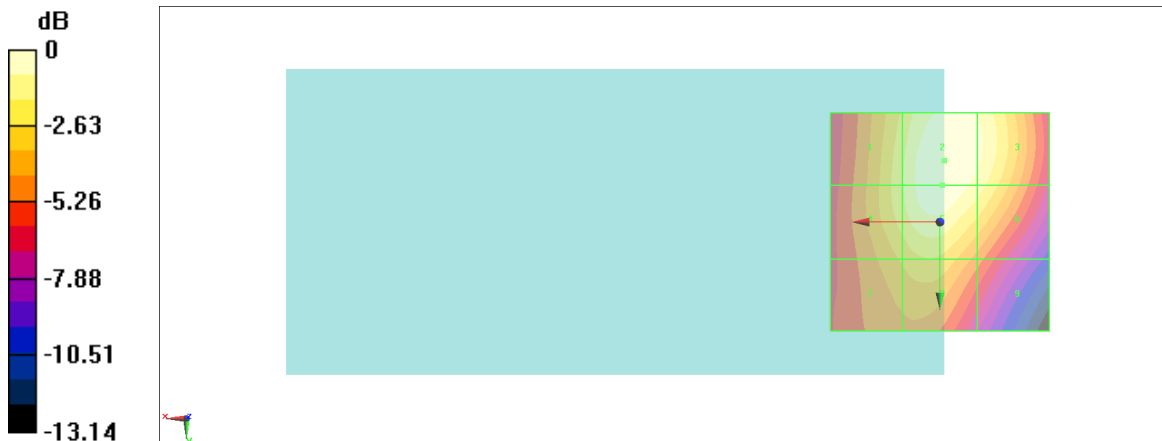
Grid 1 <b>M4</b> <b>39.18 dBV/m</b>	Grid 2 <b>M3</b> <b>40.99 dBV/m</b>	Grid 3 <b>M3</b> <b>40.34 dBV/m</b>
Grid 4 <b>M4</b> <b>39.19 dBV/m</b>	Grid 5 <b>M3</b> <b>40.83 dBV/m</b>	Grid 6 <b>M4</b> <b>39.74 dBV/m</b>
Grid 7 <b>M4</b> <b>37.67 dBV/m</b>	Grid 8 <b>M4</b> <b>38.34 dBV/m</b>	Grid 9 <b>M4</b> <b>36.19 dBV/m</b>

**Cursor:**

Total = 40.99 dBV/m

E Category: M3

Location: -1, -14, 8.7 mm



0 dB = 112.0 V/m = 40.98 dBV/m

**#05\_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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 129.9 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.92 dBV/m

**Emission category: M3**

MIF scaled E-field

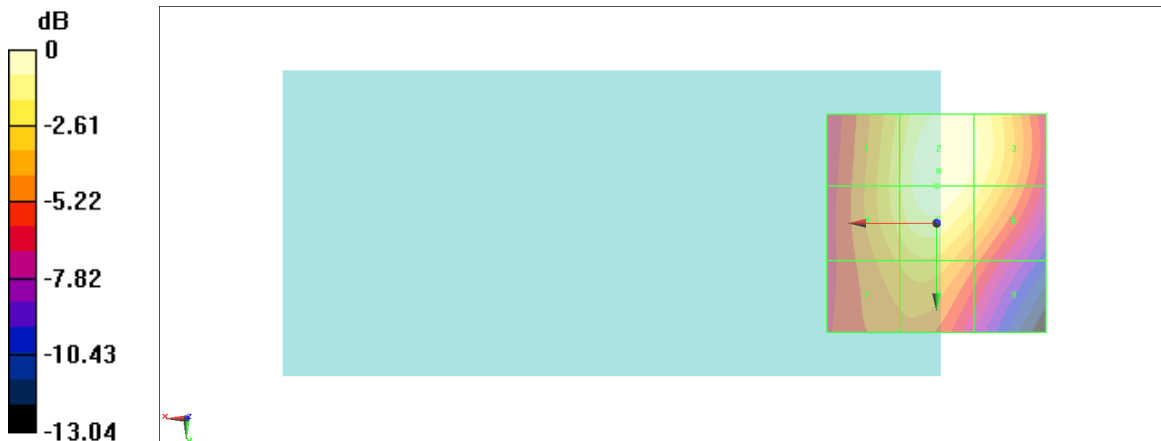
Grid 1 <b>M4</b> <b>39.09 dBV/m</b>	Grid 2 <b>M3</b> <b>40.92 dBV/m</b>	Grid 3 <b>M3</b> <b>40.3 dBV/m</b>
Grid 4 <b>M4</b> <b>39.09 dBV/m</b>	Grid 5 <b>M3</b> <b>40.78 dBV/m</b>	Grid 6 <b>M4</b> <b>39.67 dBV/m</b>
Grid 7 <b>M4</b> <b>37.57 dBV/m</b>	Grid 8 <b>M4</b> <b>38.23 dBV/m</b>	Grid 9 <b>M4</b> <b>36.13 dBV/m</b>

**Cursor:**

Total = 40.92 dBV/m

E Category: M3

Location: -0.5, -12, 8.7 mm



0 dB = 111.2 V/m = 40.92 dBV/m

**#06\_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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 129.2 V/m; Power Drift = 0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 41.16 dBV/m

**Emission category: M3**

MIF scaled E-field

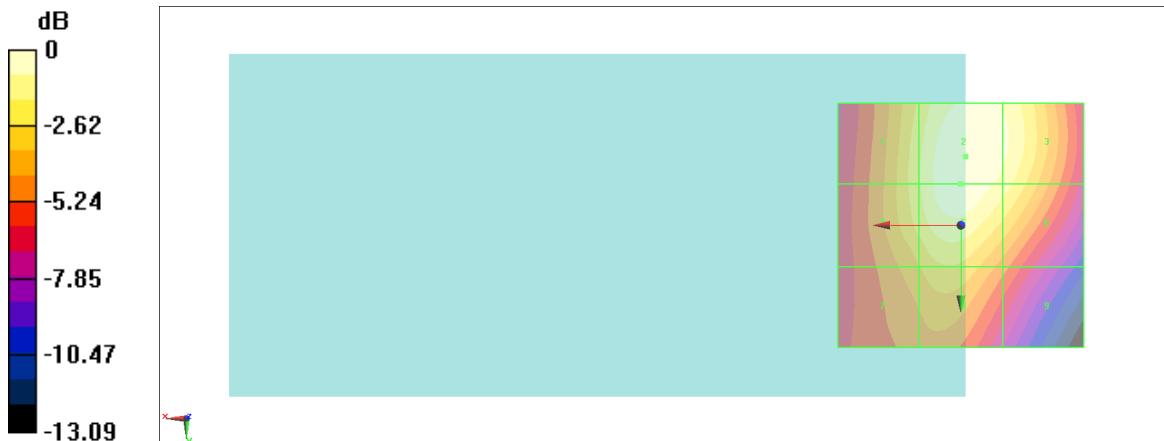
Grid 1 <b>M4</b> <b>39.35 dBV/m</b>	Grid 2 <b>M3</b> <b>41.16 dBV/m</b>	Grid 3 <b>M3</b> <b>40.52 dBV/m</b>
Grid 4 <b>M4</b> <b>39.34 dBV/m</b>	Grid 5 <b>M3</b> <b>41 dBV/m</b>	Grid 6 <b>M4</b> <b>39.91 dBV/m</b>
Grid 7 <b>M4</b> <b>37.64 dBV/m</b>	Grid 8 <b>M4</b> <b>38.51 dBV/m</b>	Grid 9 <b>M4</b> <b>36.36 dBV/m</b>

**Cursor:**

Total = 41.16 dBV/m

E Category: M3

Location: -1, -14, 8.7 mm



0 dB = 114.3 V/m = 41.16 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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 14.66 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.65 dBV/m

**Emission category: M4**

MIF scaled E-field

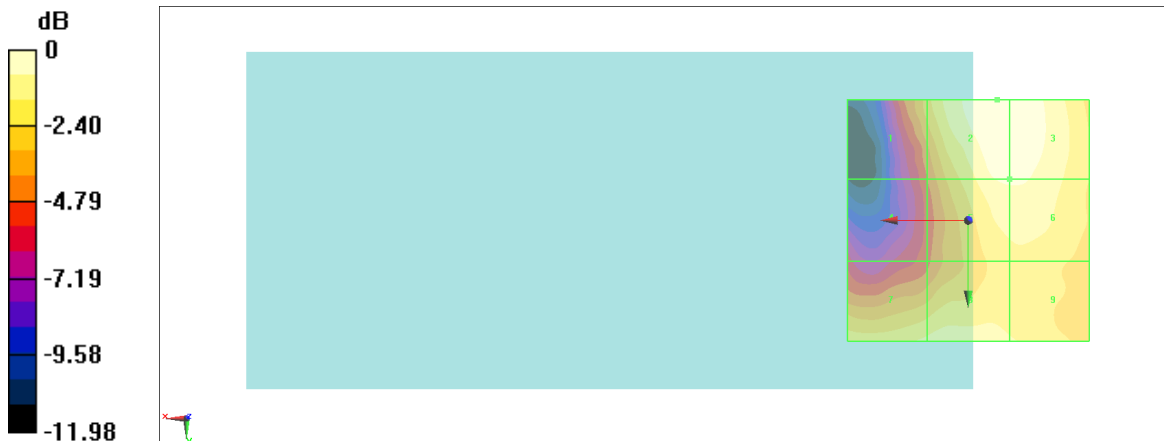
<b>Grid 1 M4</b> <b>23.91 dBV/m</b>	<b>Grid 2 M4</b> <b>26.65 dBV/m</b>	<b>Grid 3 M4</b> <b>26.62 dBV/m</b>
<b>Grid 4 M4</b> <b>21.87 dBV/m</b>	<b>Grid 5 M4</b> <b>26 dBV/m</b>	<b>Grid 6 M4</b> <b>26.01 dBV/m</b>
<b>Grid 7 M4</b> <b>25.27 dBV/m</b>	<b>Grid 8 M4</b> <b>25.6 dBV/m</b>	<b>Grid 9 M4</b> <b>25.19 dBV/m</b>

**Cursor:**

Total = 26.65 dBV/m

E Category: M4

Location: -6, -25, 8.7 mm



0 dB = 21.50 V/m = 26.65 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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 14.65 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.76 dBV/m

**Emission category: M4**

MIF scaled E-field

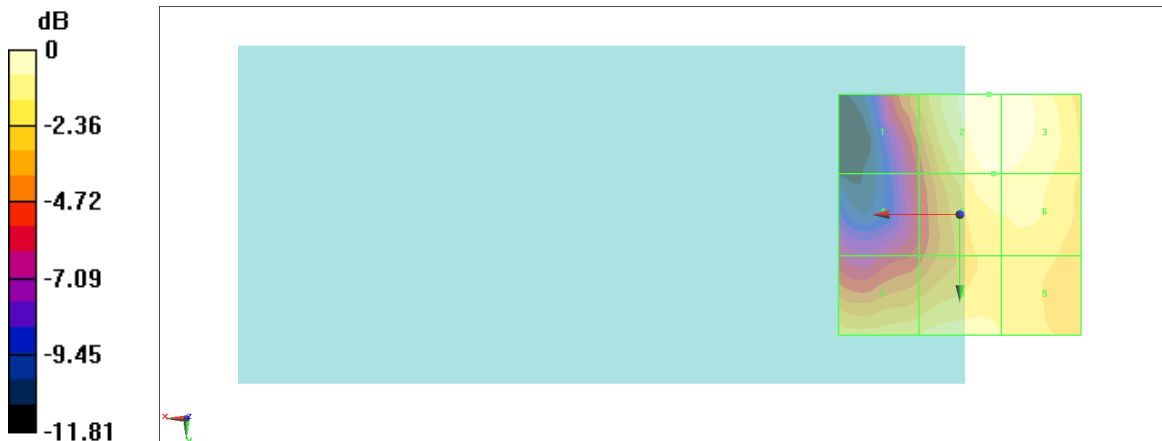
Grid 1 <b>M4</b> <b>23.78 dBV/m</b>	Grid 2 <b>M4</b> <b>26.76 dBV/m</b>	Grid 3 <b>M4</b> <b>26.66 dBV/m</b>
Grid 4 <b>M4</b> <b>21.74 dBV/m</b>	Grid 5 <b>M4</b> <b>26.02 dBV/m</b>	Grid 6 <b>M4</b> <b>25.97 dBV/m</b>
Grid 7 <b>M4</b> <b>25.23 dBV/m</b>	Grid 8 <b>M4</b> <b>25.74 dBV/m</b>	Grid 9 <b>M4</b> <b>25.23 dBV/m</b>

**Cursor:**

Total = 26.76 dBV/m

E Category: M4

Location: -6, -25, 8.7 mm



0 dB = 21.79 V/m = 26.77 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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 14.58 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.81 dBV/m

**Emission category: M4**

MIF scaled E-field

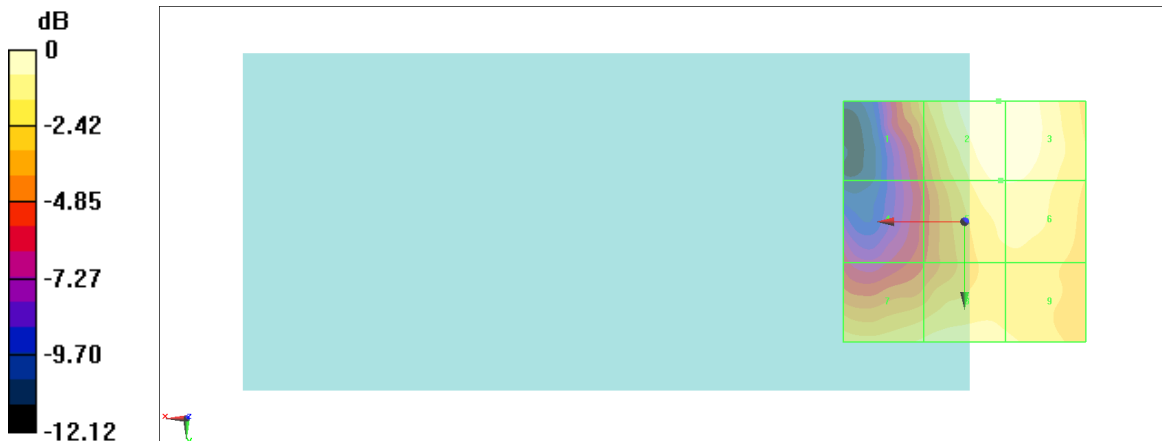
Grid 1 M4 24.15 dBV/m	Grid 2 M4 26.81 dBV/m	Grid 3 M4 26.8 dBV/m
Grid 4 M4 21.89 dBV/m	Grid 5 M4 26.06 dBV/m	Grid 6 M4 26.05 dBV/m
Grid 7 M4 25.4 dBV/m	Grid 8 M4 25.79 dBV/m	Grid 9 M4 25.44 dBV/m

**Cursor:**

Total = 26.81 dBV/m

E Category: M4

Location: -7, -25, 8.7 mm



0 dB = 21.91 V/m = 26.81 dBV/m

### #10\_HAC\_E\_GSM1900\_Voice\_Ch512;Ant 0

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

### 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 = 6.446 V/m; Power Drift = -0.19 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.55 dBV/m

**Emission category: M4**

MIF scaled E-field

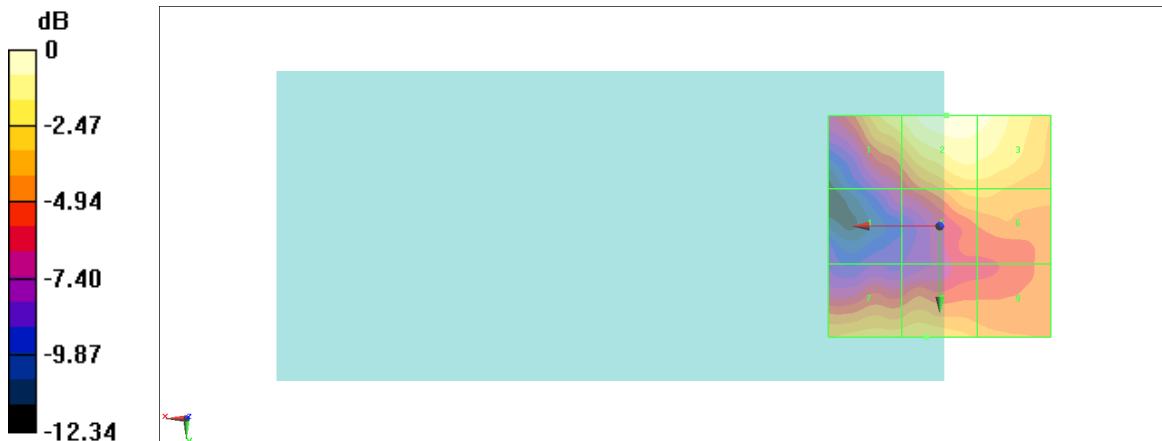
Grid 1 M4 <b>23.14 dBV/m</b>	Grid 2 M4 <b>24.55 dBV/m</b>	Grid 3 M4 <b>24.24 dBV/m</b>
Grid 4 M4 <b>18.18 dBV/m</b>	Grid 5 M4 <b>21.68 dBV/m</b>	Grid 6 M4 <b>21.68 dBV/m</b>
Grid 7 M4 <b>21.82 dBV/m</b>	Grid 8 M4 <b>22.05 dBV/m</b>	Grid 9 M4 <b>21.03 dBV/m</b>

**Cursor:**

Total = 24.55 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



0 dB = 16.89 V/m = 24.55 dBV/m

**#11\_HAC\_E\_GSM1900\_Voice\_Ch661;Ant 0**

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 6.488 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.67 dBV/m

**Emission category: M4**

MIF scaled E-field

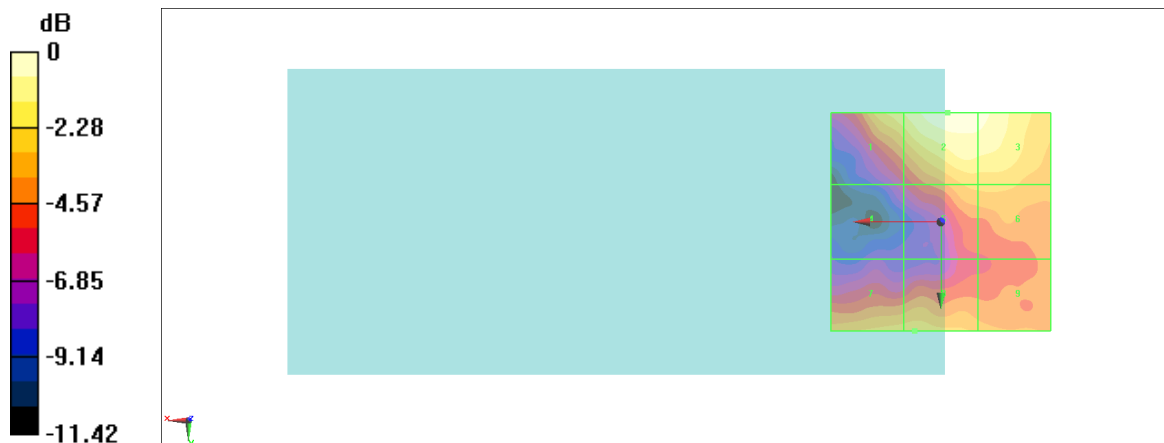
Grid 1 <b>M4</b> <b>23.2 dBV/m</b>	Grid 2 <b>M4</b> <b>24.67 dBV/m</b>	Grid 3 <b>M4</b> <b>24.27 dBV/m</b>
Grid 4 <b>M4</b> <b>18.56 dBV/m</b>	Grid 5 <b>M4</b> <b>21.85 dBV/m</b>	Grid 6 <b>M4</b> <b>21.92 dBV/m</b>
Grid 7 <b>M4</b> <b>22.09 dBV/m</b>	Grid 8 <b>M4</b> <b>22.17 dBV/m</b>	Grid 9 <b>M4</b> <b>21.37 dBV/m</b>

**Cursor:**

Total = 24.67 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



0 dB = 17.13 V/m = 24.68 dBV/m

### #12\_HAC\_E\_GSM1900\_Voice\_Ch810;Ant 0

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

### 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 = 6.342 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.57 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>23.23 dBV/m</b>	Grid 2 <b>M4</b> <b>24.57 dBV/m</b>	Grid 3 <b>M4</b> <b>24.22 dBV/m</b>
Grid 4 <b>M4</b> <b>18.5 dBV/m</b>	Grid 5 <b>M4</b> <b>21.69 dBV/m</b>	Grid 6 <b>M4</b> <b>21.66 dBV/m</b>
Grid 7 <b>M4</b> <b>22.02 dBV/m</b>	Grid 8 <b>M4</b> <b>22.16 dBV/m</b>	Grid 9 <b>M4</b> <b>21.26 dBV/m</b>

**Cursor:**

Total = 24.57 dBV/m

E Category: M4

Location: -1, -25, 8.7 mm



0 dB = 16.92 V/m = 24.57 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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 24.94 V/m; Power Drift = -0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.60 dBV/m

**Emission category: M4**

MIF scaled E-field

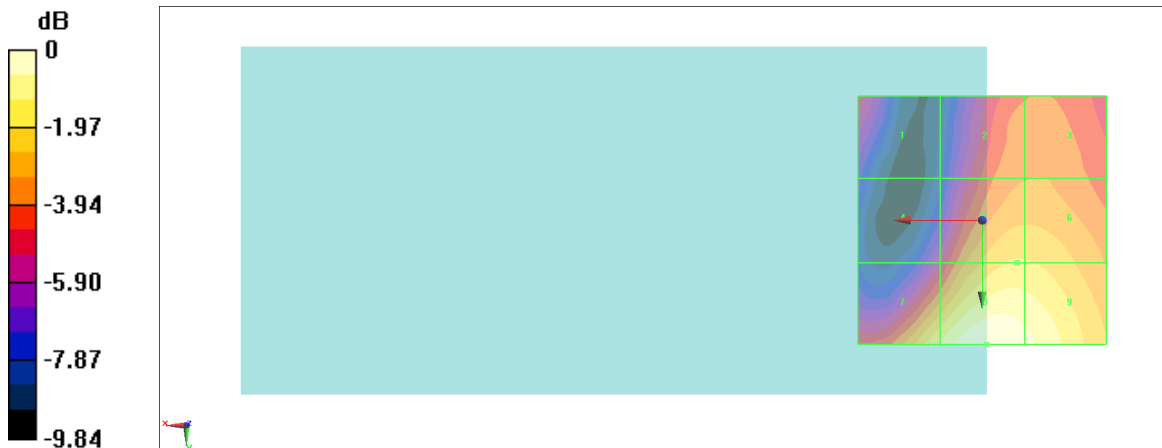
Grid 1 <b>M4</b> <b>22.73 dBV/m</b>	Grid 2 <b>M4</b> <b>24.29 dBV/m</b>	Grid 3 <b>M4</b> <b>24.34 dBV/m</b>
Grid 4 <b>M4</b> <b>22.25 dBV/m</b>	Grid 5 <b>M4</b> <b>25.72 dBV/m</b>	Grid 6 <b>M4</b> <b>25.69 dBV/m</b>
Grid 7 <b>M4</b> <b>26.44 dBV/m</b>	Grid 8 <b>M4</b> <b>27.6 dBV/m</b>	Grid 9 <b>M4</b> <b>27.18 dBV/m</b>

**Cursor:**

Total = 27.60 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 23.98 V/m = 27.60 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: 1:8.87156

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 22.52 V/m; Power Drift = -0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.64 dBV/m

**Emission category: M4**

MIF scaled E-field

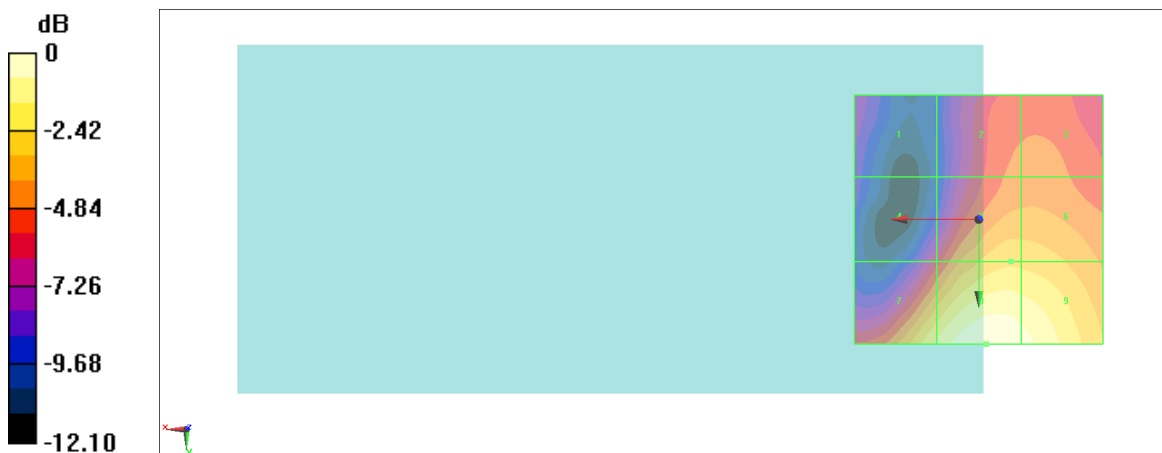
Grid 1 M4 <b>20.38 dBV/m</b>	Grid 2 M4 <b>23.13 dBV/m</b>	Grid 3 M4 <b>23.22 dBV/m</b>
Grid 4 M4 <b>21.6 dBV/m</b>	Grid 5 M4 <b>25.09 dBV/m</b>	Grid 6 M4 <b>25.04 dBV/m</b>
Grid 7 M4 <b>26.21 dBV/m</b>	Grid 8 M4 <b>27.64 dBV/m</b>	Grid 9 M4 <b>27.18 dBV/m</b>

**Cursor:**

Total = 27.64 dBV/m

E Category: M4

Location: -1.5, 25, 8.7 mm



0 dB = 24.10 V/m = 27.64 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: 1:8.87156

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 26.09 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.83 dBV/m

**Emission category: M4**

MIF scaled E-field

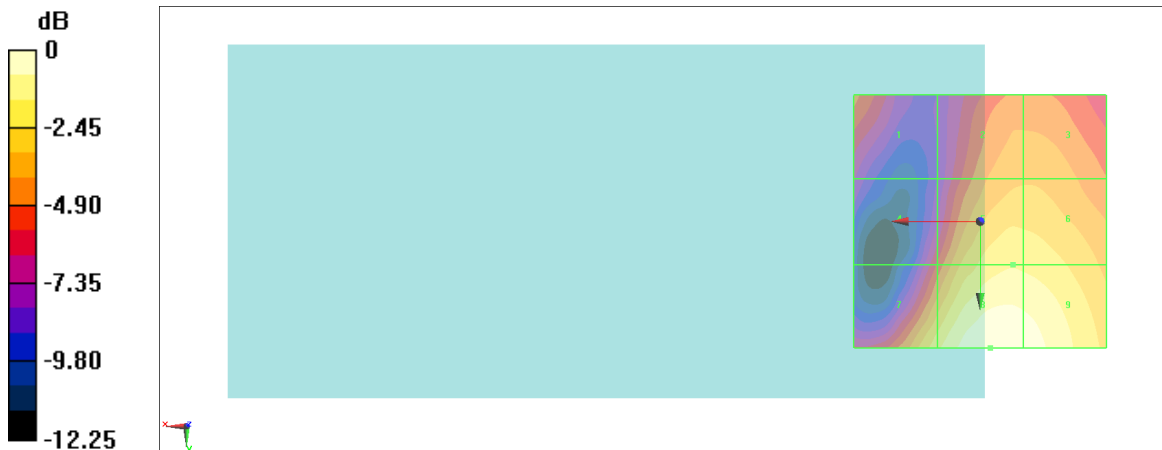
Grid 1 M4 <b>22.27 dBV/m</b>	Grid 2 M4 <b>23.48 dBV/m</b>	Grid 3 M4 <b>23.49 dBV/m</b>
Grid 4 M4 <b>21.27 dBV/m</b>	Grid 5 M4 <b>25.13 dBV/m</b>	Grid 6 M4 <b>25.07 dBV/m</b>
Grid 7 M4 <b>24.99 dBV/m</b>	Grid 8 M4 <b>26.83 dBV/m</b>	Grid 9 M4 <b>26.52 dBV/m</b>

**Cursor:**

Total = 26.83 dBV/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 21.96 V/m = 26.83 dBV/m

**#16\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490;Ant 2;HPUE**

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

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = -1.44 dB

RF audio interference level = 29.60 dBV/m

**Emission category: M4**

MIF scaled E-field

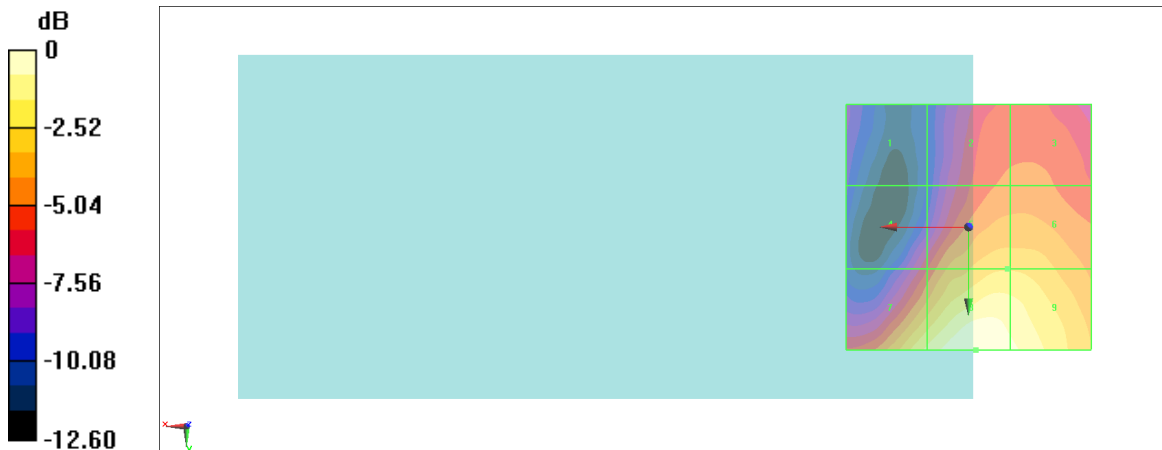
Grid 1 M4 21.62 dBV/m	Grid 2 M4 24.81 dBV/m	Grid 3 M4 24.9 dBV/m
Grid 4 M4 23.68 dBV/m	Grid 5 M4 27.01 dBV/m	Grid 6 M4 27.01 dBV/m
Grid 7 M4 28.16 dBV/m	Grid 8 M4 29.6 dBV/m	Grid 9 M4 29 dBV/m

**Cursor:**

Total = 29.60 dBV/m

E Category: M4

Location: -1.5, 25, 8.7 mm



0 dB = 30.20 V/m = 29.60 dBV/m



**#17\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch39750;Ant 0**

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

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 10.01 V/m; Power Drift = -0.19 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.01 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>14.4 dBV/m</b>	Grid 2 <b>M4</b> <b>16.56 dBV/m</b>	Grid 3 <b>M4</b> <b>16.32 dBV/m</b>
Grid 4 <b>M4</b> <b>14 dBV/m</b>	Grid 5 <b>M4</b> <b>15.58 dBV/m</b>	Grid 6 <b>M4</b> <b>15.39 dBV/m</b>
Grid 7 <b>M4</b> <b>18.01 dBV/m</b>	Grid 8 <b>M4</b> <b>13.92 dBV/m</b>	Grid 9 <b>M4</b> <b>13.94 dBV/m</b>

**Cursor:**

Total = 18.01 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 7.957 V/m = 18.01 dBV/m

**#18\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40620;Ant 0**

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

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 13.08 V/m; Power Drift = -0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.21 dBV/m

**Emission category: M4**

MIF scaled E-field

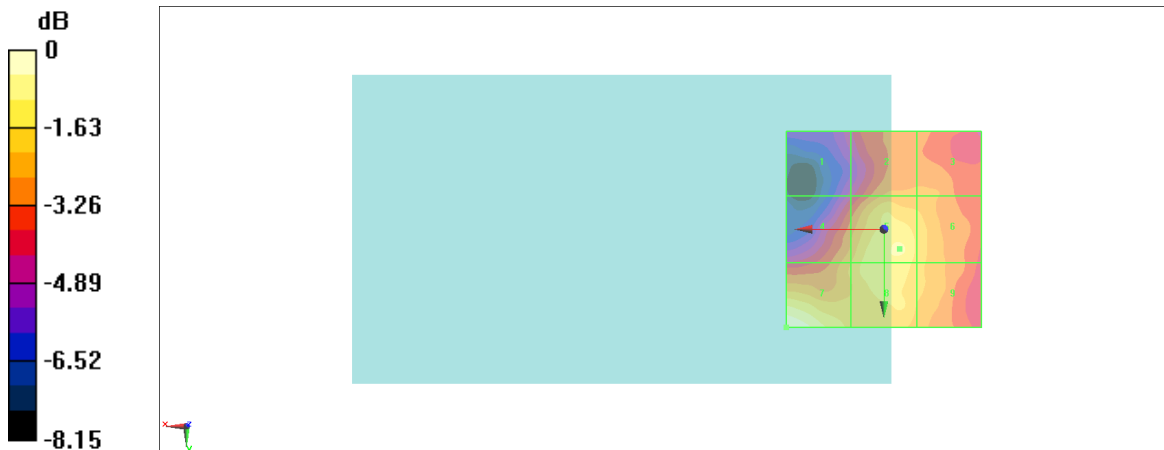
<b>Grid 1 M4</b> <b>14.74 dBV/m</b>	<b>Grid 2 M4</b> <b>16.72 dBV/m</b>	<b>Grid 3 M4</b> <b>16.71 dBV/m</b>
<b>Grid 4 M4</b> <b>17.01 dBV/m</b>	<b>Grid 5 M4</b> <b>18.22 dBV/m</b>	<b>Grid 6 M4</b> <b>17.46 dBV/m</b>
<b>Grid 7 M4</b> <b>19.21 dBV/m</b>	<b>Grid 8 M4</b> <b>18.01 dBV/m</b>	<b>Grid 9 M4</b> <b>17.34 dBV/m</b>

**Cursor:**

Total = 19.21 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 9.129 V/m = 19.21 dBV/m

**#19\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490;Ant 0**

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

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 9.525 V/m; Power Drift = 0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.84 dBV/m

**Emission category: M4**

MIF scaled E-field

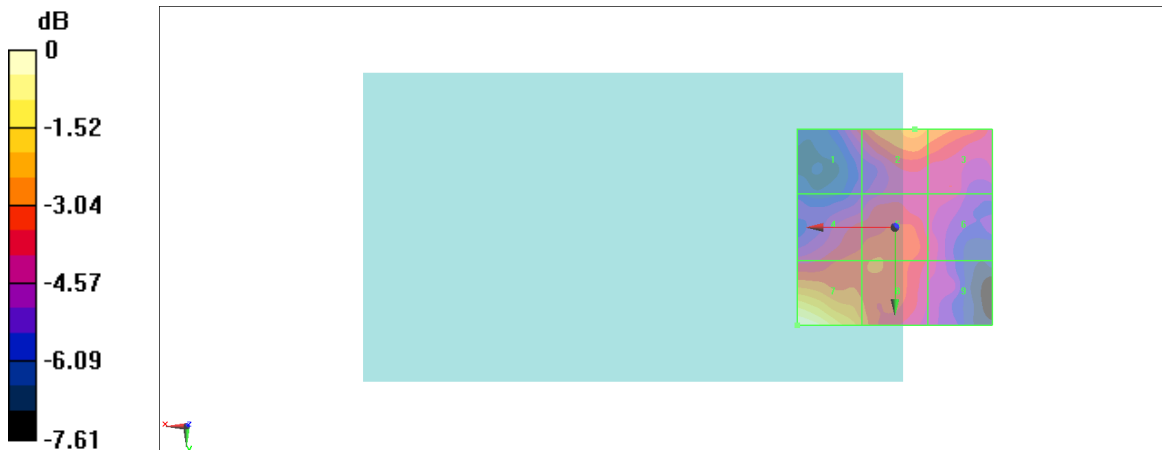
Grid 1 <b>M4</b> <b>15.21 dBV/m</b>	Grid 2 <b>M4</b> <b>16.54 dBV/m</b>	Grid 3 <b>M4</b> <b>16.29 dBV/m</b>
Grid 4 <b>M4</b> <b>15.66 dBV/m</b>	Grid 5 <b>M4</b> <b>15.85 dBV/m</b>	Grid 6 <b>M4</b> <b>14.84 dBV/m</b>
Grid 7 <b>M4</b> <b>18.84 dBV/m</b>	Grid 8 <b>M4</b> <b>16.44 dBV/m</b>	Grid 9 <b>M4</b> <b>14.71 dBV/m</b>

**Cursor:**

Total = 18.84 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 8.752 V/m = 18.84 dBV/m

**#20\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch39750;Ant 0;HPUE**

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

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 12.78 V/m; Power Drift = -0.17 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.20 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>14.68 dBV/m</b>	Grid 2 <b>M4</b> <b>17.12 dBV/m</b>	Grid 3 <b>M4</b> <b>17.22 dBV/m</b>
Grid 4 <b>M4</b> <b>15.03 dBV/m</b>	Grid 5 <b>M4</b> <b>17.05 dBV/m</b>	Grid 6 <b>M4</b> <b>16.6 dBV/m</b>
Grid 7 <b>M4</b> <b>19.2 dBV/m</b>	Grid 8 <b>M4</b> <b>16.32 dBV/m</b>	Grid 9 <b>M4</b> <b>15.86 dBV/m</b>

**Cursor:**

Total = 19.20 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 9.124 V/m = 19.20 dBV/m

**#21\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55340;Ant 6**

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 9.910 V/m; Power Drift = -0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 22.37 dBV/m

**Emission category: M4**

MIF scaled E-field

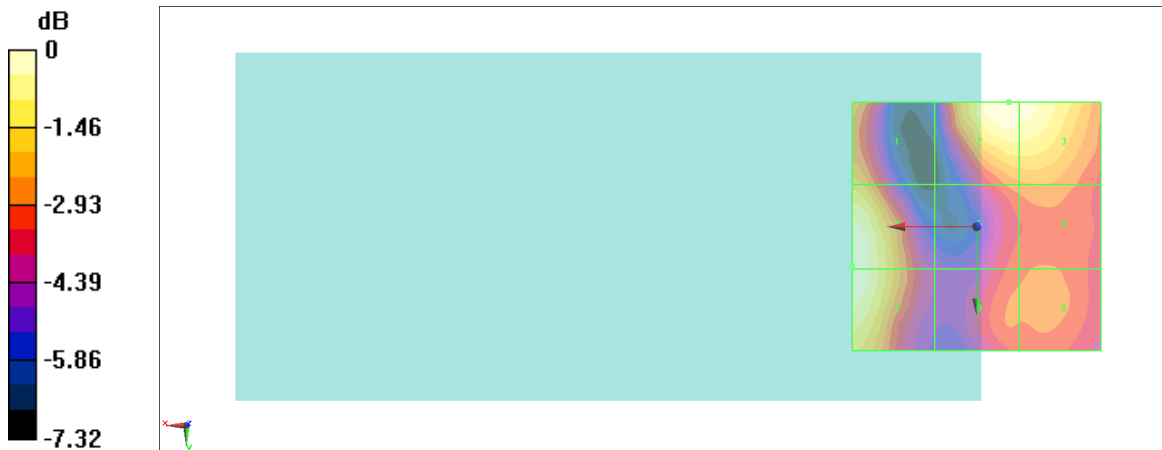
<b>Grid 1 M4</b> <b>20.7 dBV/m</b>	<b>Grid 2 M4</b> <b>22.35 dBV/m</b>	<b>Grid 3 M4</b> <b>22.27 dBV/m</b>
<b>Grid 4 M4</b> <b>22.37 dBV/m</b>	<b>Grid 5 M4</b> <b>19.81 dBV/m</b>	<b>Grid 6 M4</b> <b>19.98 dBV/m</b>
<b>Grid 7 M4</b> <b>22.37 dBV/m</b>	<b>Grid 8 M4</b> <b>19.56 dBV/m</b>	<b>Grid 9 M4</b> <b>19.8 dBV/m</b>

**Cursor:**

Total = 22.37 dBV/m

E Category: M4

Location: 25, 8, 8.7 mm



0 dB = 13.14 V/m = 22.37 dBV/m

**#22\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55830;Ant 6**

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3609 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 10.59 V/m; Power Drift = 0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.13 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>20.88 dBV/m</b>	Grid 2 <b>M4</b> <b>23.13 dBV/m</b>	Grid 3 <b>M4</b> <b>23.12 dBV/m</b>
Grid 4 <b>M4</b> <b>22.18 dBV/m</b>	Grid 5 <b>M4</b> <b>20.84 dBV/m</b>	Grid 6 <b>M4</b> <b>21.19 dBV/m</b>
Grid 7 <b>M4</b> <b>22.17 dBV/m</b>	Grid 8 <b>M4</b> <b>21.25 dBV/m</b>	Grid 9 <b>M4</b> <b>21.18 dBV/m</b>

**Cursor:**

Total = 23.13 dBV/m

E Category: M4

Location: -7, -25, 8.7 mm



0 dB = 14.35 V/m = 23.14 dBV/m

**#23\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56640;Ant 6**

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 11.90 V/m; Power Drift = -0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.22 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>21 dBV/m</b>	Grid 2 <b>M4</b> <b>23.21 dBV/m</b>	Grid 3 <b>M4</b> <b>23.22 dBV/m</b>
Grid 4 <b>M4</b> <b>21.24 dBV/m</b>	Grid 5 <b>M4</b> <b>21.83 dBV/m</b>	Grid 6 <b>M4</b> <b>22.09 dBV/m</b>
Grid 7 <b>M4</b> <b>22.03 dBV/m</b>	Grid 8 <b>M4</b> <b>21.31 dBV/m</b>	Grid 9 <b>M4</b> <b>20.99 dBV/m</b>

**Cursor:**

Total = 23.22 dBV/m

E Category: M4

Location: -10, -21.5, 8.7 mm



0 dB = 14.49 V/m = 23.22 dBV/m

**#24\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55340;Ant 7**

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 8.484 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.00 dBV/m

**Emission category: M4**

MIF scaled E-field

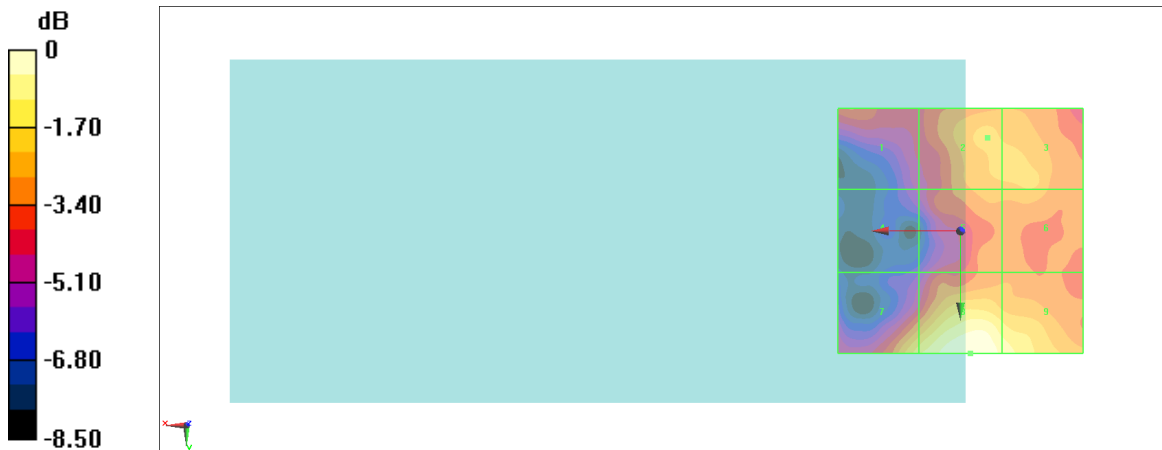
Grid 1 <b>M4</b> <b>14.67 dBV/m</b>	Grid 2 <b>M4</b> <b>15.98 dBV/m</b>	Grid 3 <b>M4</b> <b>15.94 dBV/m</b>
Grid 4 <b>M4</b> <b>13.13 dBV/m</b>	Grid 5 <b>M4</b> <b>15.57 dBV/m</b>	Grid 6 <b>M4</b> <b>15.72 dBV/m</b>
Grid 7 <b>M4</b> <b>16.74 dBV/m</b>	Grid 8 <b>M4</b> <b>18 dBV/m</b>	Grid 9 <b>M4</b> <b>17.28 dBV/m</b>

**Cursor:**

Total = 18.00 dBV/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 7.947 V/m = 18.00 dBV/m



**#25\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55830;Ant 7**

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 4.673 V/m; Power Drift = -0.15 dB

Applied MIF = -1.44 dB

RF audio interference level = 13.61 dBV/m

**Emission category: M4**

MIF scaled E-field

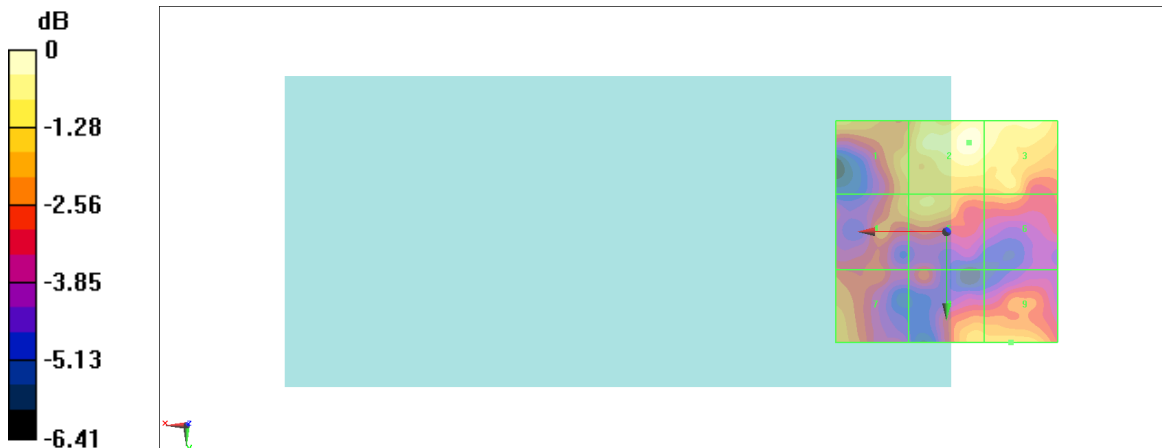
Grid 1 <b>M4</b> <b>12.37 dBV/m</b>	Grid 2 <b>M4</b> <b>13.61 dBV/m</b>	Grid 3 <b>M4</b> <b>13.06 dBV/m</b>
Grid 4 <b>M4</b> <b>12.02 dBV/m</b>	Grid 5 <b>M4</b> <b>12.42 dBV/m</b>	Grid 6 <b>M4</b> <b>11.89 dBV/m</b>
Grid 7 <b>M4</b> <b>11.83 dBV/m</b>	Grid 8 <b>M4</b> <b>12.32 dBV/m</b>	Grid 9 <b>M4</b> <b>12.48 dBV/m</b>

**Cursor:**

Total = 13.61 dBV/m

E Category: M4

Location: -5, -20, 8.7 mm



0 dB = 4.792 V/m = 13.61 dBV/m

**#26\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56640;Ant 7**

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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 5.487 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.01 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>14.95 dBV/m</b>	Grid 2 <b>M4</b> <b>16.02 dBV/m</b>	Grid 3 <b>M4</b> <b>15.5 dBV/m</b>
Grid 4 <b>M4</b> <b>17.86 dBV/m</b>	Grid 5 <b>M4</b> <b>15.11 dBV/m</b>	Grid 6 <b>M4</b> <b>13.62 dBV/m</b>
Grid 7 <b>M4</b> <b>18.01 dBV/m</b>	Grid 8 <b>M4</b> <b>15.69 dBV/m</b>	Grid 9 <b>M4</b> <b>15.82 dBV/m</b>

**Cursor:**

Total = 18.01 dBV/m

E Category: M4

Location: 25, 11, 8.7 mm



0 dB = 7.954 V/m = 18.01 dBV/m

**#27\_HAC\_E\_FR1\_n41\_100M\_BPSK\_1\_1\_Ch518598;Ant 2;HPUE**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz; Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2592.99 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 31.96 V/m; Power Drift = -0.01 dB

Applied MIF = -1.64 dB

RF audio interference level = 30.35 dBV/m

**Emission category: M3**

MIF scaled E-field

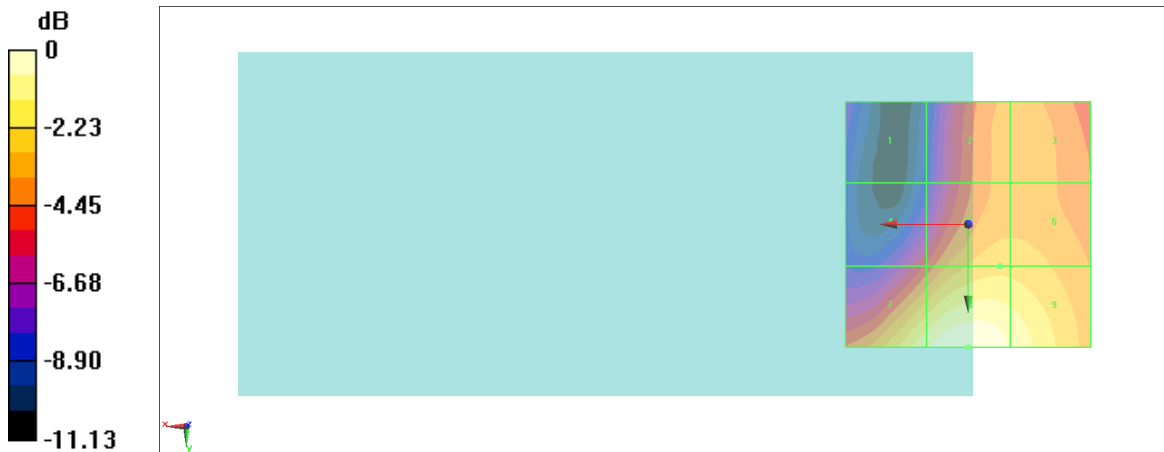
<b>Grid 1 M4</b> <b>23.04 dBV/m</b>	<b>Grid 2 M4</b> <b>26.98 dBV/m</b>	<b>Grid 3 M4</b> <b>27.03 dBV/m</b>
<b>Grid 4 M4</b> <b>25.39 dBV/m</b>	<b>Grid 5 M4</b> <b>27.91 dBV/m</b>	<b>Grid 6 M4</b> <b>27.88 dBV/m</b>
<b>Grid 7 M4</b> <b>29.54 dBV/m</b>	<b>Grid 8 M3</b> <b>30.35 dBV/m</b>	<b>Grid 9 M4</b> <b>29.62 dBV/m</b>

**Cursor:**

Total = 30.35 dBV/m

E Category: M3

Location: 0, 25, 8.7 mm



0 dB = 32.92 V/m = 30.35 dBV/m

**#28\_HAC\_E\_FR1\_n41\_100M\_BPSK\_1\_1\_Ch518598;Ant 2+1;ULMIMO**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz; Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2592.99 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 55.91 V/m; Power Drift = 0.10 dB

Applied MIF = -1.64 dB

RF audio interference level = 29.41 dBV/m

**Emission category: M4**

MIF scaled E-field

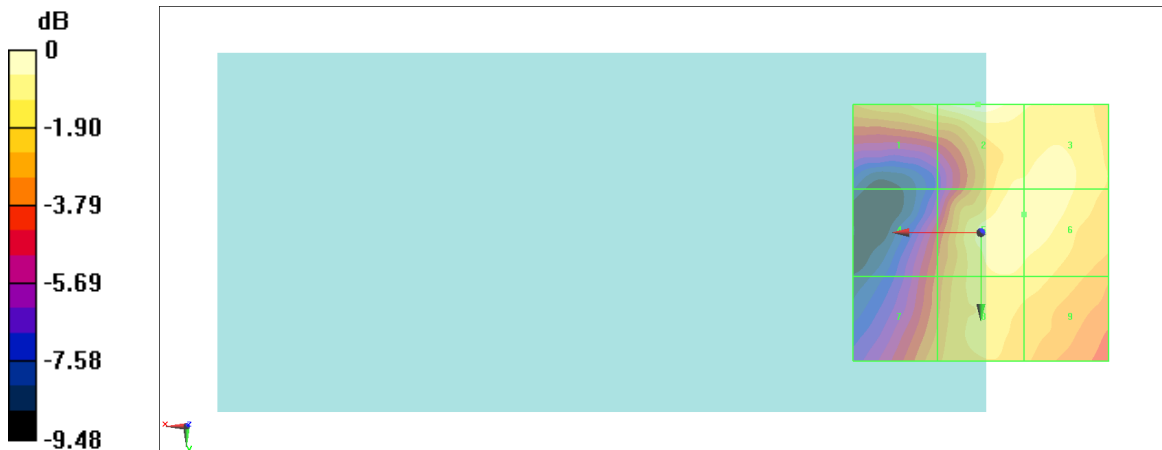
<b>Grid 1 M4</b> <b>28.44 dBV/m</b>	<b>Grid 2 M4</b> <b>29.41 dBV/m</b>	<b>Grid 3 M4</b> <b>28.43 dBV/m</b>
<b>Grid 4 M4</b> <b>25.83 dBV/m</b>	<b>Grid 5 M4</b> <b>28.62 dBV/m</b>	<b>Grid 6 M4</b> <b>28.64 dBV/m</b>
<b>Grid 7 M4</b> <b>26.77 dBV/m</b>	<b>Grid 8 M4</b> <b>28.12 dBV/m</b>	<b>Grid 9 M4</b> <b>27.95 dBV/m</b>

**Cursor:**

Total = 29.41 dBV/m

E Category: M4

Location: 0.5, -25, 8.7 mm



0 dB = 29.53 V/m = 29.41 dBV/m

**#29\_HAC\_E\_FR1\_n41\_100M\_BPSK\_1\_1\_Ch518598;Ant 0;HPUE**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz; Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2592.99 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 14.02 V/m; Power Drift = -0.05 dB

Applied MIF = -1.64 dB

RF audio interference level = 22.21 dBV/m

**Emission category: M4**

MIF scaled E-field

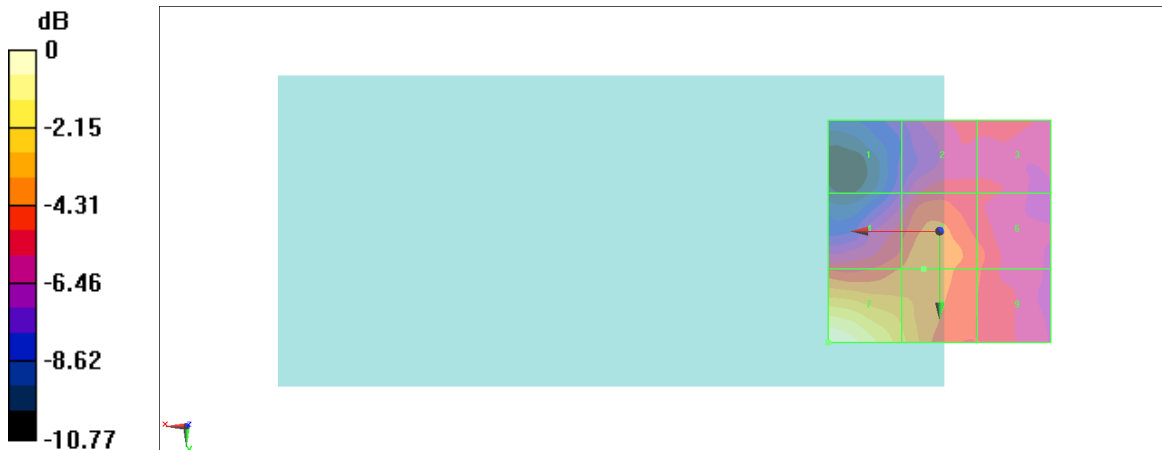
<b>Grid 1 M4</b> <b>15.21 dBV/m</b>	<b>Grid 2 M4</b> <b>16.97 dBV/m</b>	<b>Grid 3 M4</b> <b>16.81 dBV/m</b>
<b>Grid 4 M4</b> <b>18 dBV/m</b>	<b>Grid 5 M4</b> <b>18.51 dBV/m</b>	<b>Grid 6 M4</b> <b>17.45 dBV/m</b>
<b>Grid 7 M4</b> <b>22.21 dBV/m</b>	<b>Grid 8 M4</b> <b>19.6 dBV/m</b>	<b>Grid 9 M4</b> <b>17.32 dBV/m</b>

**Cursor:**

Total = 22.21 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 12.89 V/m = 22.21 dBV/m

**#30\_HAC\_E\_FR1\_n41\_100M\_BPSK\_1\_1\_Ch518598;Ant 0+5;ULMIMO**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz; Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2592.99 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test**

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.02 V/m; Power Drift = 0.09 dB

Applied MIF = -1.64 dB

RF audio interference level = 25.06 dBV/m

**Emission category: M4**

MIF scaled E-field

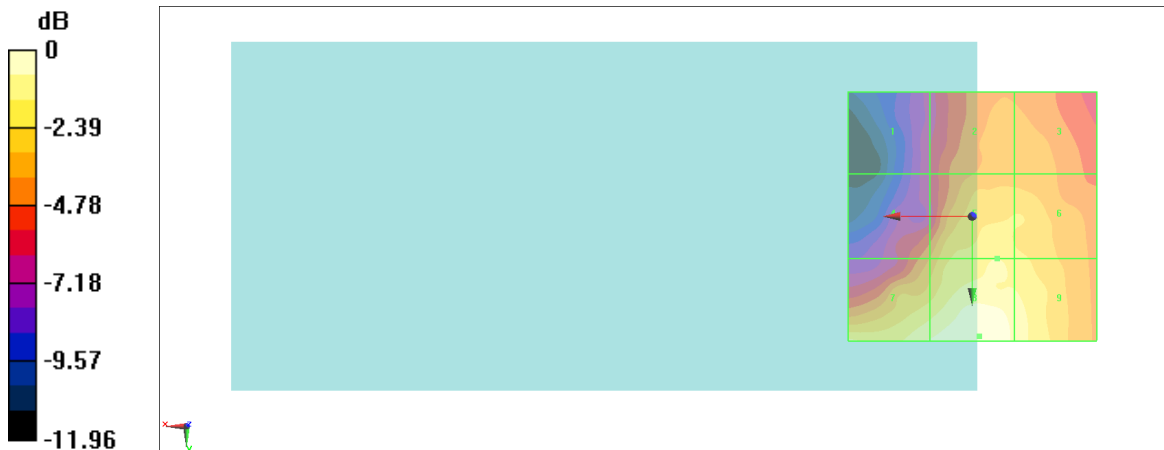
<b>Grid 1 M4</b> <b>18.78 dBV/m</b>	<b>Grid 2 M4</b> <b>21.59 dBV/m</b>	<b>Grid 3 M4</b> <b>21.59 dBV/m</b>
<b>Grid 4 M4</b> <b>21.14 dBV/m</b>	<b>Grid 5 M4</b> <b>23.46 dBV/m</b>	<b>Grid 6 M4</b> <b>23.07 dBV/m</b>
<b>Grid 7 M4</b> <b>24.36 dBV/m</b>	<b>Grid 8 M4</b> <b>25.06 dBV/m</b>	<b>Grid 9 M4</b> <b>24.05 dBV/m</b>

**Cursor:**

Total = 25.06 dBV/m

E Category: M4

Location: -1.5, 24, 8.7 mm



0 dB = 17.90 V/m = 25.06 dBV/m

**#31\_HAC\_E\_FR1\_n41\_100M\_BPSK\_1\_1\_Ch518598;Ant 1;HPUE**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz; Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2592.99 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 90.50 V/m; Power Drift = -0.04 dB

Applied MIF = -1.64 dB

RF audio interference level = 33.25 dBV/m

**Emission category: M3**

MIF scaled E-field

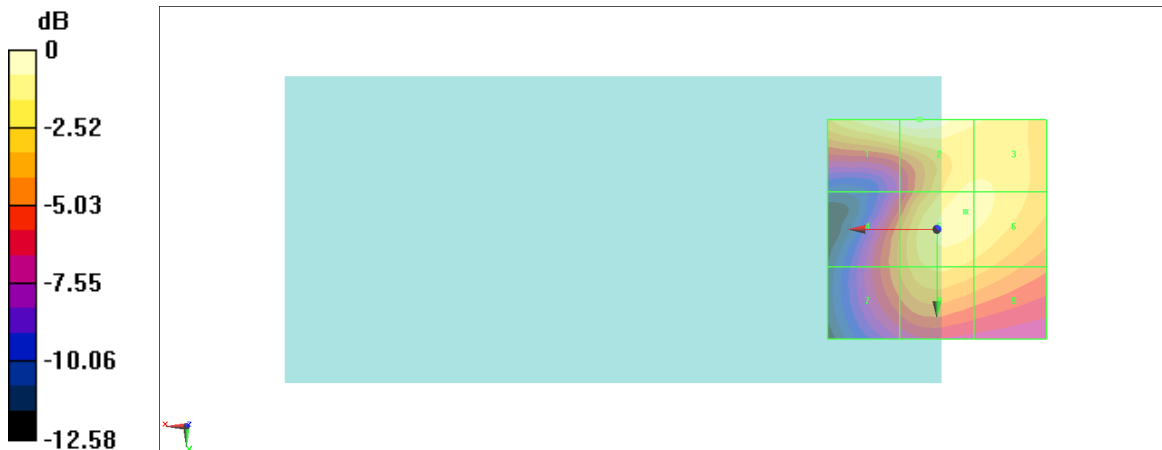
<b>Grid 1 M3</b> <b>32.99 dBV/m</b>	<b>Grid 2 M3</b> <b>33.25 dBV/m</b>	<b>Grid 3 M3</b> <b>31.77 dBV/m</b>
<b>Grid 4 M4</b> <b>29.3 dBV/m</b>	<b>Grid 5 M3</b> <b>31.94 dBV/m</b>	<b>Grid 6 M3</b> <b>31.88 dBV/m</b>
<b>Grid 7 M4</b> <b>29.18 dBV/m</b>	<b>Grid 8 M3</b> <b>30.95 dBV/m</b>	<b>Grid 9 M3</b> <b>30.39 dBV/m</b>

**Cursor:**

Total = 33.25 dBV/m

E Category: M3

Location: 4, -25, 8.7 mm



0 dB = 45.97 V/m = 33.25 dBV/m

**#32\_HAC\_E\_FR1\_n41\_100M\_BPSK\_1\_1\_Ch518598;Ant 2+5;ULMIMO**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz; Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2592.99 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 26.06 V/m; Power Drift = 0.04 dB

Applied MIF = -1.64 dB

RF audio interference level = 28.17 dBV/m

**Emission category: M4**

MIF scaled E-field

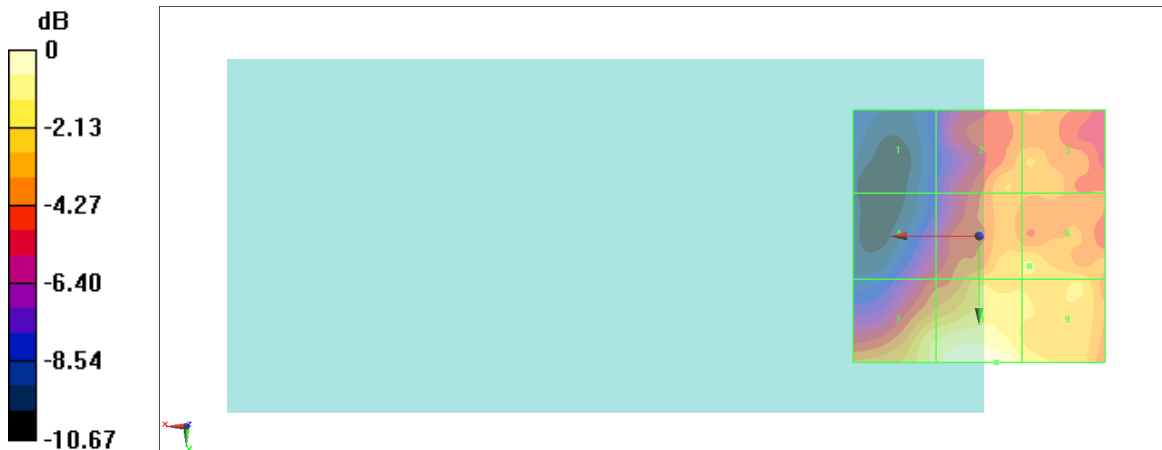
Grid 1 <b>M4</b> <b>20.4 dBV/m</b>	Grid 2 <b>M4</b> <b>25.38 dBV/m</b>	Grid 3 <b>M4</b> <b>25.39 dBV/m</b>
Grid 4 <b>M4</b> <b>23.4 dBV/m</b>	Grid 5 <b>M4</b> <b>26.08 dBV/m</b>	Grid 6 <b>M4</b> <b>26.16 dBV/m</b>
Grid 7 <b>M4</b> <b>27.1 dBV/m</b>	Grid 8 <b>M4</b> <b>28.17 dBV/m</b>	Grid 9 <b>M4</b> <b>27.05 dBV/m</b>

**Cursor:**

Total = 28.17 dBV/m

E Category: M4

Location: -3.5, 25, 8.7 mm



0 dB = 25.61 V/m = 28.17 dBV/m



**#33\_HAC\_E\_FR1\_n41\_100M\_BPSK\_1\_1\_Ch518598;Ant 5;HPUE**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz;Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2592.99 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 31.66 V/m; Power Drift = 0.01 dB

Applied MIF = -1.64 dB

RF audio interference level = 28.76 dBV/m

**Emission category: M4**

MIF scaled E-field

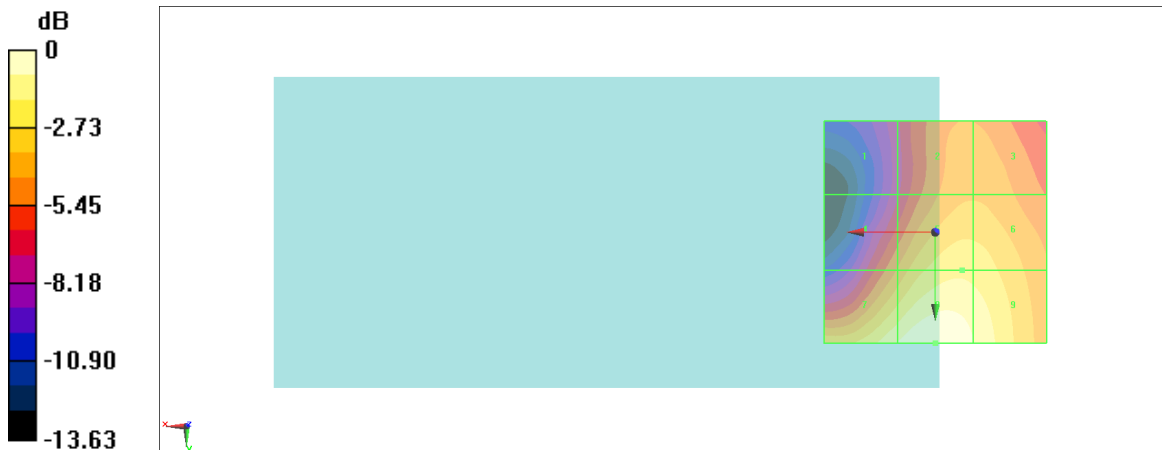
<b>Grid 1 M4</b> <b>21.38 dBV/m</b>	<b>Grid 2 M4</b> <b>25.03 dBV/m</b>	<b>Grid 3 M4</b> <b>25.03 dBV/m</b>
<b>Grid 4 M4</b> <b>24.36 dBV/m</b>	<b>Grid 5 M4</b> <b>26.76 dBV/m</b>	<b>Grid 6 M4</b> <b>26.66 dBV/m</b>
<b>Grid 7 M4</b> <b>27.95 dBV/m</b>	<b>Grid 8 M4</b> <b>28.76 dBV/m</b>	<b>Grid 9 M4</b> <b>27.91 dBV/m</b>

**Cursor:**

Total = 28.76 dBV/m

E Category: M4

Location: 0, 25, 8.7 mm



0 dB = 27.43 V/m = 28.76 dBV/m

**#34\_HAC\_E\_FR1\_n41\_100M\_BPSK\_1\_1\_Ch518598;Ant 0+1;ULMIMO**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz; Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2592.99 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 53.35 V/m; Power Drift = -0.09 dB

Applied MIF = -1.64 dB

RF audio interference level = 28.66 dBV/m

**Emission category: M4**

MIF scaled E-field

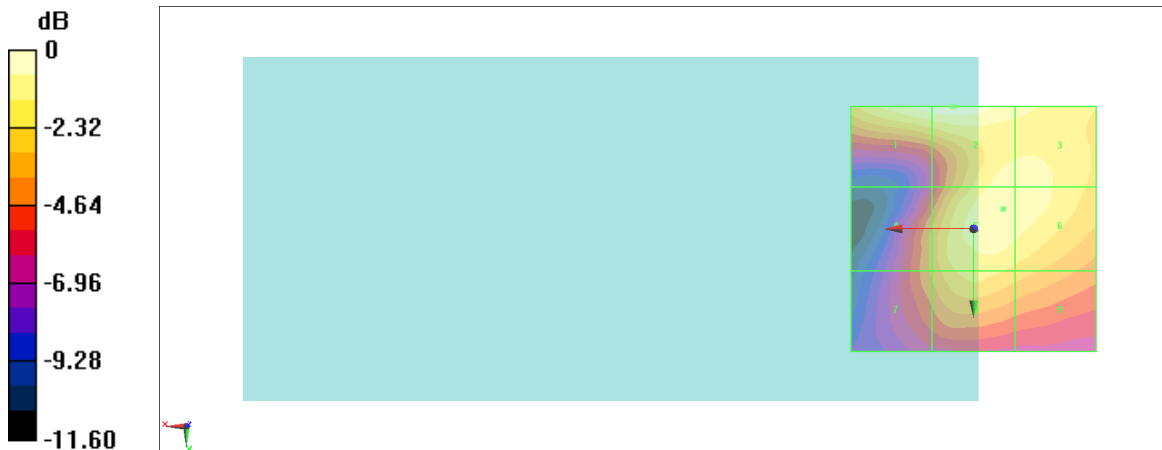
<b>Grid 1 M4</b> <b>28.41 dBV/m</b>	<b>Grid 2 M4</b> <b>28.66 dBV/m</b>	<b>Grid 3 M4</b> <b>27.6 dBV/m</b>
<b>Grid 4 M4</b> <b>25.11 dBV/m</b>	<b>Grid 5 M4</b> <b>27.74 dBV/m</b>	<b>Grid 6 M4</b> <b>27.65 dBV/m</b>
<b>Grid 7 M4</b> <b>24.97 dBV/m</b>	<b>Grid 8 M4</b> <b>26.74 dBV/m</b>	<b>Grid 9 M4</b> <b>26.08 dBV/m</b>

**Cursor:**

Total = 28.66 dBV/m

E Category: M4

Location: 4, -25, 8.7 mm



0 dB = 27.09 V/m = 28.66 dBV/m

**#35\_HAC\_E\_FR1 n77\_100M\_BPSK\_1\_1\_Ch656000;Ant 6;HPUE**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3840 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 20.38 V/m; Power Drift = -0.16 dB

Applied MIF = -1.64 dB

RF audio interference level = 27.03 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>27.03 dBV/m</b>	<b>Grid 2 M4</b> <b>26.76 dBV/m</b>	<b>Grid 3 M4</b> <b>26.8 dBV/m</b>
<b>Grid 4 M4</b> <b>22.3 dBV/m</b>	<b>Grid 5 M4</b> <b>25.3 dBV/m</b>	<b>Grid 6 M4</b> <b>25.44 dBV/m</b>
<b>Grid 7 M4</b> <b>25.01 dBV/m</b>	<b>Grid 8 M4</b> <b>24.05 dBV/m</b>	<b>Grid 9 M4</b> <b>23.45 dBV/m</b>

**Cursor:**

Total = 27.03 dBV/m

E Category: M4

Location: 23.5, -25, 8.7 mm



0 dB = 22.48 V/m = 27.04 dBV/m

**#36\_HAC\_E\_FR1\_n77\_100M\_BPSK\_1\_1\_Ch633332;Ant 6;HPUE**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3499.98 MHz; Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3499.98 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 19.68 V/m; Power Drift = -0.05 dB

Applied MIF = -1.64 dB

RF audio interference level = 26.86 dBV/m

**Emission category: M4**

MIF scaled E-field

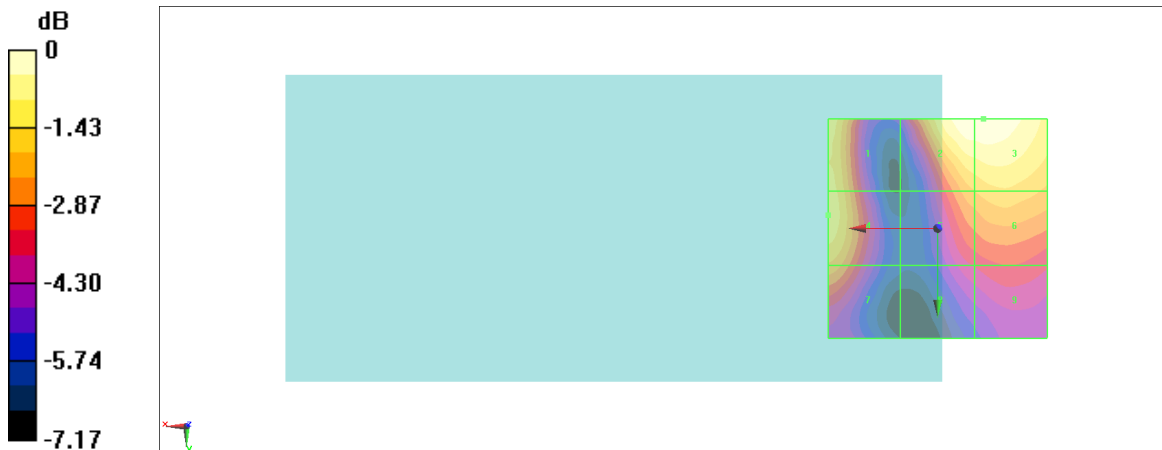
Grid 1 M4 25.88 dBV/m	Grid 2 M4 26.83 dBV/m	Grid 3 M4 26.86 dBV/m
Grid 4 M4 25.72 dBV/m	Grid 5 M4 24.95 dBV/m	Grid 6 M4 25.35 dBV/m
Grid 7 M4 24.86 dBV/m	Grid 8 M4 23.1 dBV/m	Grid 9 M4 23.52 dBV/m

**Cursor:**

Total = 26.86 dBV/m

E Category: M4

Location: -10.5, -25, 8.7 mm



0 dB = 22.02 V/m = 26.86 dBV/m

**#37\_HAC\_E\_FR1 n77\_100M\_BPSK\_1\_1\_Ch656000;Ant 6+1;ULMIMO**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3840 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 26.28 V/m; Power Drift = 0.12 dB

Applied MIF = -1.64 dB

RF audio interference level = 26.30 dBV/m

**Emission category: M4**

MIF scaled E-field

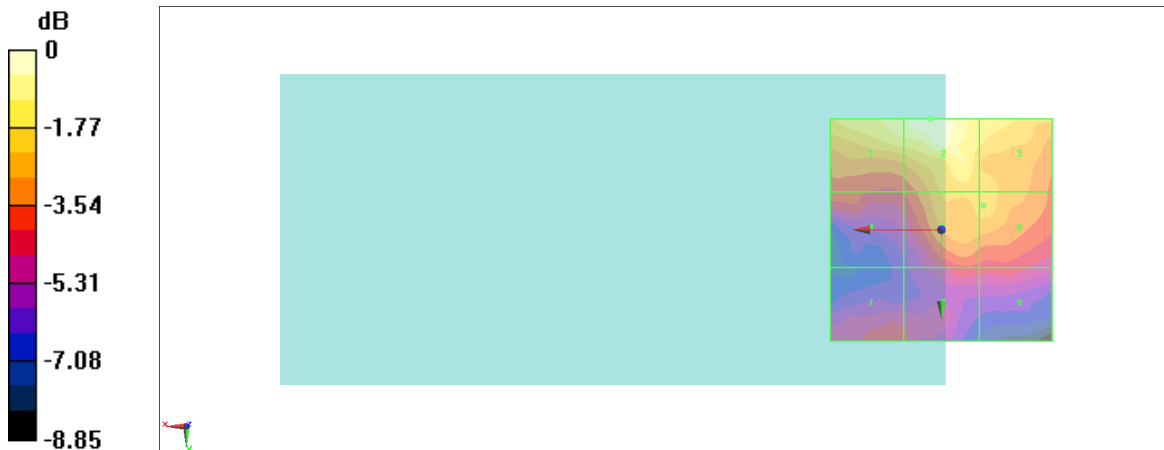
<b>Grid 1 M4</b> <b>25.63 dBV/m</b>	<b>Grid 2 M4</b> <b>26.3 dBV/m</b>	<b>Grid 3 M4</b> <b>25.06 dBV/m</b>
<b>Grid 4 M4</b> <b>22.45 dBV/m</b>	<b>Grid 5 M4</b> <b>24.29 dBV/m</b>	<b>Grid 6 M4</b> <b>24.34 dBV/m</b>
<b>Grid 7 M4</b> <b>22.22 dBV/m</b>	<b>Grid 8 M4</b> <b>22.12 dBV/m</b>	<b>Grid 9 M4</b> <b>22.02 dBV/m</b>

**Cursor:**

Total = 26.30 dBV/m

E Category: M4

Location: 2.5, -25, 8.7 mm



0 dB = 20.65 V/m = 26.30 dBV/m

**#38\_HAC\_E\_FR1\_n77\_100M\_BPSK\_1\_1\_Ch633332;Ant 6+1;ULMIMO**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3499.98 MHz; Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3499.98 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 29.85 V/m; Power Drift = 0.11 dB

Applied MIF = -1.64 dB

RF audio interference level = 27.86 dBV/m

**Emission category: M4**

MIF scaled E-field

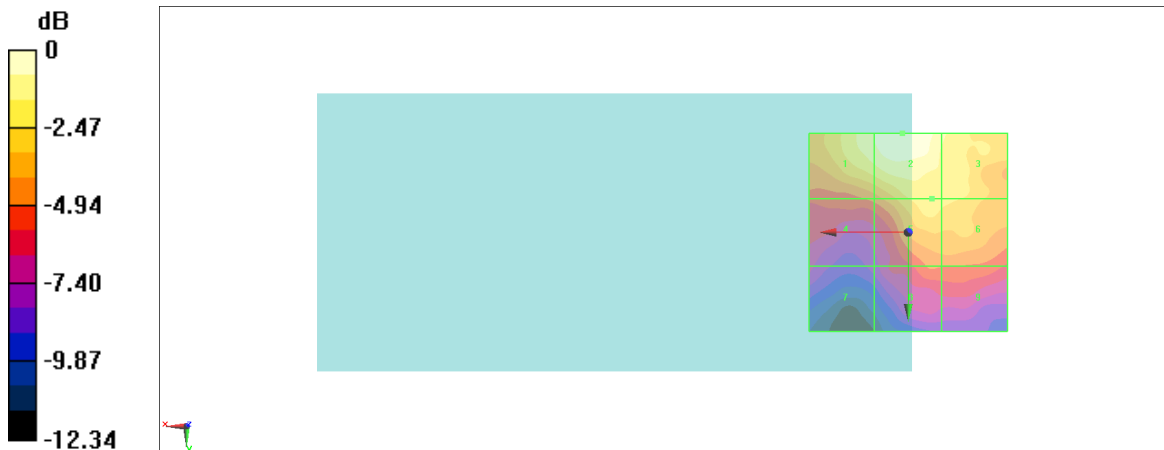
<b>Grid 1 M4</b> <b>27.08 dBV/m</b>	<b>Grid 2 M4</b> <b>27.86 dBV/m</b>	<b>Grid 3 M4</b> <b>26.47 dBV/m</b>
<b>Grid 4 M4</b> <b>23.32 dBV/m</b>	<b>Grid 5 M4</b> <b>25.78 dBV/m</b>	<b>Grid 6 M4</b> <b>25.67 dBV/m</b>
<b>Grid 7 M4</b> <b>20.8 dBV/m</b>	<b>Grid 8 M4</b> <b>23.08 dBV/m</b>	<b>Grid 9 M4</b> <b>22.99 dBV/m</b>

**Cursor:**

Total = 27.86 dBV/m

E Category: M4

Location: 1.5, -25, 8.7 mm



0 dB = 24.72 V/m = 27.86 dBV/m

**#39\_HAC\_E\_FR1\_n77\_100M\_BPSK\_1\_1\_Ch656000;Ant 7;HPUE**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3840 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 13.30 V/m; Power Drift = -0.07 dB

Applied MIF = -1.64 dB

RF audio interference level = 25.23 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>22.45 dBV/m</b>	<b>Grid 2 M4</b> <b>19.87 dBV/m</b>	<b>Grid 3 M4</b> <b>17.56 dBV/m</b>
<b>Grid 4 M4</b> <b>25.23 dBV/m</b>	<b>Grid 5 M4</b> <b>23.16 dBV/m</b>	<b>Grid 6 M4</b> <b>21.07 dBV/m</b>
<b>Grid 7 M4</b> <b>25.21 dBV/m</b>	<b>Grid 8 M4</b> <b>23.17 dBV/m</b>	<b>Grid 9 M4</b> <b>21.71 dBV/m</b>

**Cursor:**

Total = 25.23 dBV/m

E Category: M4

Location: 23, 7, 8.7 mm



0 dB = 18.26 V/m = 25.23 dBV/m

**#40\_HAC\_E\_FR1\_n77\_100M\_BPSK\_1\_1\_Ch633332;Ant 7;HPUE**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3499.98 MHz; Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3499.98 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 7.498 V/m; Power Drift = 0.13 dB

Applied MIF = -1.64 dB

RF audio interference level = 20.26 dBV/m

**Emission category: M4**

MIF scaled E-field

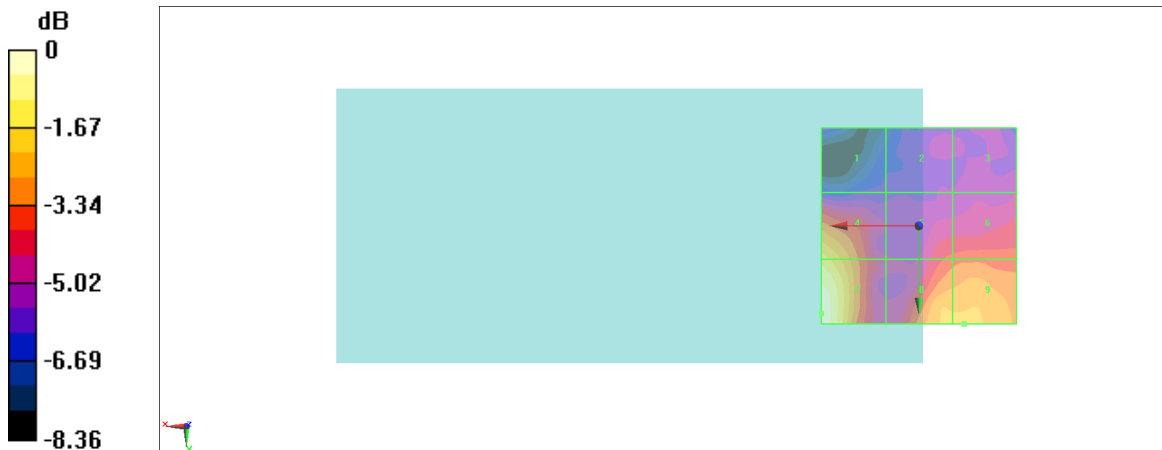
Grid 1 <b>M4</b> <b>14.95 dBV/m</b>	Grid 2 <b>M4</b> <b>15.15 dBV/m</b>	Grid 3 <b>M4</b> <b>15.37 dBV/m</b>
Grid 4 <b>M4</b> <b>18.9 dBV/m</b>	Grid 5 <b>M4</b> <b>16.62 dBV/m</b>	Grid 6 <b>M4</b> <b>16.8 dBV/m</b>
Grid 7 <b>M4</b> <b>20.26 dBV/m</b>	Grid 8 <b>M4</b> <b>18.17 dBV/m</b>	Grid 9 <b>M4</b> <b>18.19 dBV/m</b>

**Cursor:**

Total = 20.26 dBV/m

E Category: M4

Location: 25, 22.5, 8.7 mm



0 dB = 10.31 V/m = 20.26 dBV/m



**#41\_HAC\_E\_FR1 n77\_100M\_BPSK\_1\_1\_Ch656000;Ant 7+5;ULMIMO**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3840 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 22.23 V/m; Power Drift = 0.13 dB

Applied MIF = -1.64 dB

RF audio interference level = 25.33 dBV/m

**Emission category: M4**

MIF scaled E-field

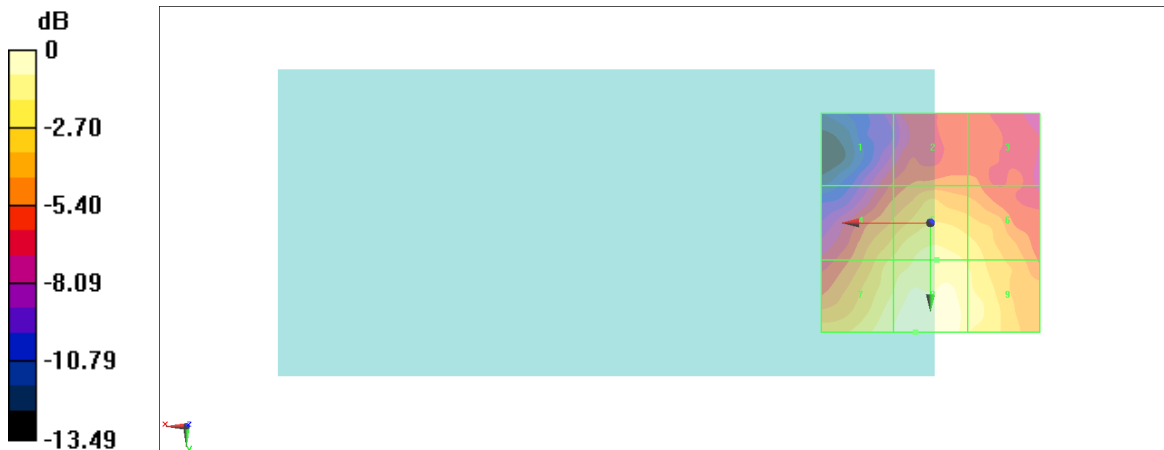
<b>Grid 1 M4</b> <b>19.3 dBV/m</b>	<b>Grid 2 M4</b> <b>20.46 dBV/m</b>	<b>Grid 3 M4</b> <b>20.36 dBV/m</b>
<b>Grid 4 M4</b> <b>22.85 dBV/m</b>	<b>Grid 5 M4</b> <b>24 dBV/m</b>	<b>Grid 6 M4</b> <b>23.4 dBV/m</b>
<b>Grid 7 M4</b> <b>24.54 dBV/m</b>	<b>Grid 8 M4</b> <b>25.33 dBV/m</b>	<b>Grid 9 M4</b> <b>24.34 dBV/m</b>

**Cursor:**

Total = 25.33 dBV/m

E Category: M4

Location: 3.5, 25, 8.7 mm



0 dB = 18.47 V/m = 25.33 dBV/m

**#42\_HAC\_E\_FR1 n77\_100M\_BPSK\_1\_1\_Ch633332;Ant 7+5;ULMIMO**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3499.98 MHz; Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3499.98 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 22.41 V/m; Power Drift = 0.10 dB

Applied MIF = -1.64 dB

RF audio interference level = 24.95 dBV/m

**Emission category: M4**

MIF scaled E-field

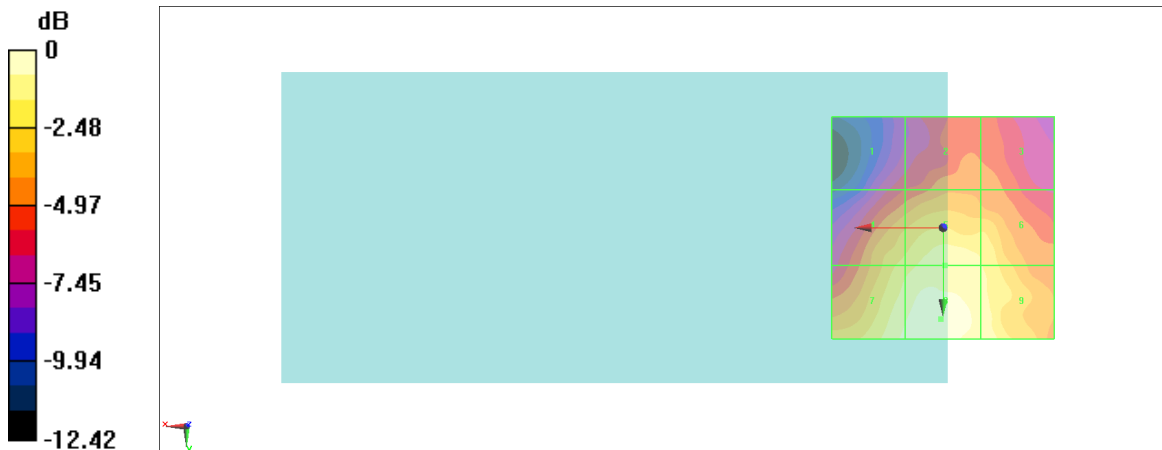
<b>Grid 1 M4</b> <b>19.22 dBV/m</b>	<b>Grid 2 M4</b> <b>20.72 dBV/m</b>	<b>Grid 3 M4</b> <b>20.7 dBV/m</b>
<b>Grid 4 M4</b> <b>22.93 dBV/m</b>	<b>Grid 5 M4</b> <b>23.84 dBV/m</b>	<b>Grid 6 M4</b> <b>23.34 dBV/m</b>
<b>Grid 7 M4</b> <b>24.33 dBV/m</b>	<b>Grid 8 M4</b> <b>24.95 dBV/m</b>	<b>Grid 9 M4</b> <b>23.99 dBV/m</b>

**Cursor:**

Total = 24.95 dBV/m

E Category: M4

Location: 0.5, 20.5, 8.7 mm



0 dB = 17.68 V/m = 24.95 dBV/m

**#43\_HAC\_E\_FR1\_n77\_100M\_BPSK\_1\_1\_Ch656000;Ant 1;HPUE**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3840 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 38.14 V/m; Power Drift = -0.01 dB

Applied MIF = -1.64 dB

RF audio interference level = 29.93 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>29.53 dBV/m</b>	<b>Grid 2 M4</b> <b>29.93 dBV/m</b>	<b>Grid 3 M4</b> <b>28.04 dBV/m</b>
<b>Grid 4 M4</b> <b>25.51 dBV/m</b>	<b>Grid 5 M4</b> <b>27.21 dBV/m</b>	<b>Grid 6 M4</b> <b>27.05 dBV/m</b>
<b>Grid 7 M4</b> <b>21.27 dBV/m</b>	<b>Grid 8 M4</b> <b>24.08 dBV/m</b>	<b>Grid 9 M4</b> <b>24.07 dBV/m</b>

**Cursor:**

Total = 29.93 dBV/m

E Category: M4

Location: 3.5, -25, 8.7 mm



0 dB = 31.37 V/m = 29.93 dBV/m

**#44\_HAC\_E\_FR1\_n77\_100M\_BPSK\_1\_1\_Ch633332;Ant 1;HPUE**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3499.98 MHz;Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3499.98 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 43.45 V/m; Power Drift = 0.00 dB

Applied MIF = -1.64 dB

RF audio interference level = 29.32 dBV/m

**Emission category: M4**

MIF scaled E-field

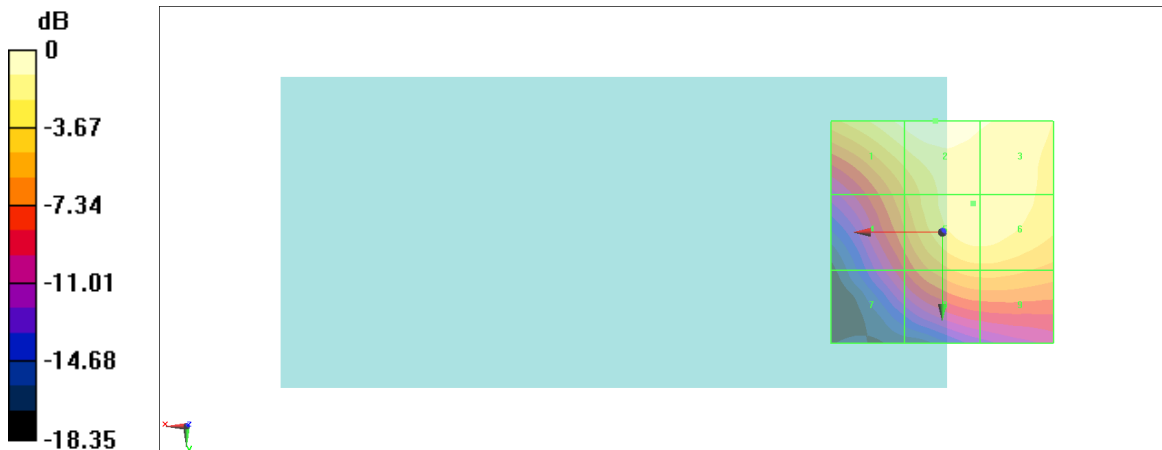
<b>Grid 1 M4</b> <b>28.57 dBV/m</b>	<b>Grid 2 M4</b> <b>29.32 dBV/m</b>	<b>Grid 3 M4</b> <b>28.41 dBV/m</b>
<b>Grid 4 M4</b> <b>24.36 dBV/m</b>	<b>Grid 5 M4</b> <b>28.1 dBV/m</b>	<b>Grid 6 M4</b> <b>28.08 dBV/m</b>
<b>Grid 7 M4</b> <b>20.79 dBV/m</b>	<b>Grid 8 M4</b> <b>25.11 dBV/m</b>	<b>Grid 9 M4</b> <b>25.14 dBV/m</b>

**Cursor:**

Total = 29.32 dBV/m

E Category: M4

Location: 1.5, -25, 8.7 mm



0 dB = 29.25 V/m = 29.32 dBV/m

**#45\_HAC\_E\_FR1\_n77\_100M\_BPSK\_1\_1\_Ch656000;Ant 6+5;ULMIMO**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3840 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 20.87 V/m; Power Drift = 0.18 dB

Applied MIF = -1.64 dB

RF audio interference level = 28.46 dBV/m

**Emission category: M4**

MIF scaled E-field

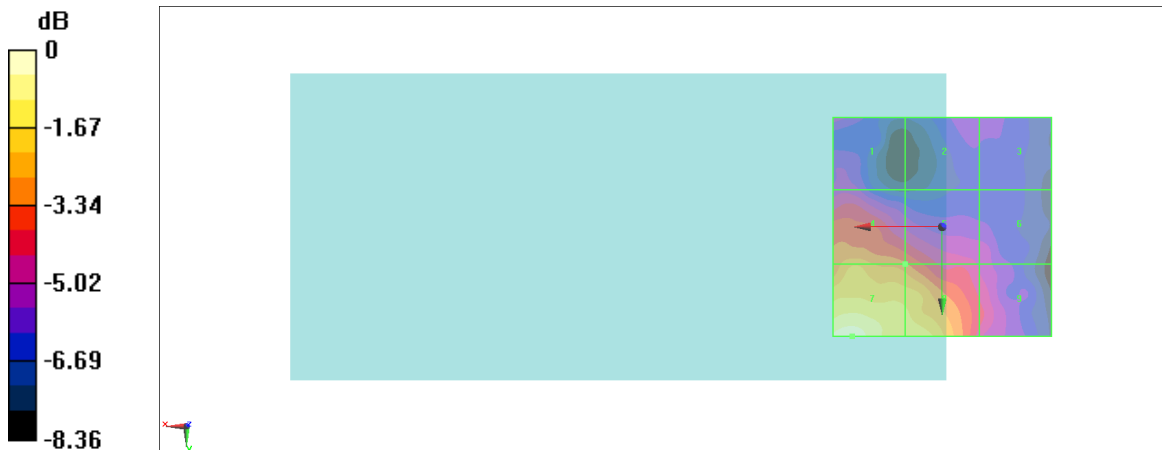
Grid 1 <b>M4</b> <b>23.4 dBV/m</b>	Grid 2 <b>M4</b> <b>22.68 dBV/m</b>	Grid 3 <b>M4</b> <b>22.63 dBV/m</b>
Grid 4 <b>M4</b> <b>26.16 dBV/m</b>	Grid 5 <b>M4</b> <b>25.26 dBV/m</b>	Grid 6 <b>M4</b> <b>23.35 dBV/m</b>
Grid 7 <b>M4</b> <b>28.46 dBV/m</b>	Grid 8 <b>M4</b> <b>27.37 dBV/m</b>	Grid 9 <b>M4</b> <b>24.23 dBV/m</b>

**Cursor:**

Total = 28.46 dBV/m

E Category: M4

Location: 20.5, 25, 8.7 mm



0 dB = 26.50 V/m = 28.46 dBV/m

**#46\_HAC\_E\_FR1\_n77\_100M\_BPSK\_1\_1\_Ch633332;Ant 6+5;ULMIMO**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3499.98 MHz; Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3499.98 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 24.62 V/m; Power Drift = 0.16 dB

Applied MIF = -1.64 dB

RF audio interference level = 25.55 dBV/m

**Emission category: M4**

MIF scaled E-field

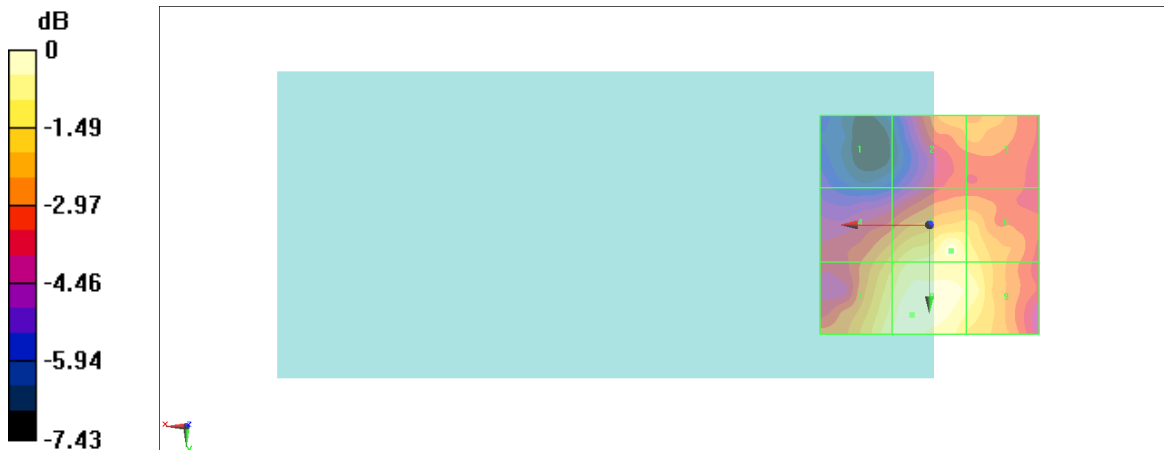
<b>Grid 1 M4</b> <b>20.54 dBV/m</b>	<b>Grid 2 M4</b> <b>23.56 dBV/m</b>	<b>Grid 3 M4</b> <b>23.46 dBV/m</b>
<b>Grid 4 M4</b> <b>23.86 dBV/m</b>	<b>Grid 5 M4</b> <b>25.23 dBV/m</b>	<b>Grid 6 M4</b> <b>24.56 dBV/m</b>
<b>Grid 7 M4</b> <b>25.02 dBV/m</b>	<b>Grid 8 M4</b> <b>25.55 dBV/m</b>	<b>Grid 9 M4</b> <b>25.03 dBV/m</b>

**Cursor:**

Total = 25.55 dBV/m

E Category: M4

Location: 4, 20.5, 8.7 mm



0 dB = 18.94 V/m = 25.55 dBV/m

**#47\_HAC\_E\_FR1 n77\_100M\_BPSK\_1\_1\_Ch656000;Ant 5;HPUE**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3840 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 26.21 V/m; Power Drift = -0.07 dB

Applied MIF = -1.64 dB

RF audio interference level = 31.36 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M4</b> <b>25.89 dBV/m</b>	Grid 2 <b>M4</b> <b>23.28 dBV/m</b>	Grid 3 <b>M4</b> <b>21.17 dBV/m</b>
Grid 4 <b>M4</b> <b>28.79 dBV/m</b>	Grid 5 <b>M4</b> <b>28.12 dBV/m</b>	Grid 6 <b>M4</b> <b>25.14 dBV/m</b>
Grid 7 <b>M3</b> <b>31.36 dBV/m</b>	Grid 8 <b>M3</b> <b>30.47 dBV/m</b>	Grid 9 <b>M4</b> <b>26.34 dBV/m</b>

**Cursor:**

Total = 31.36 dBV/m

E Category: M3

Location: 19.5, 25, 8.7 mm



0 dB = 36.99 V/m = 31.36 dBV/m

**#48\_HAC\_E\_FR1\_n77\_100M\_BPSK\_1\_1\_Ch633332;Ant 5;HPUE**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3499.98 MHz; Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3499.98 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 29.56 V/m; Power Drift = 0.01 dB

Applied MIF = -1.64 dB

RF audio interference level = 27.55 dBV/m

**Emission category: M4**

MIF scaled E-field

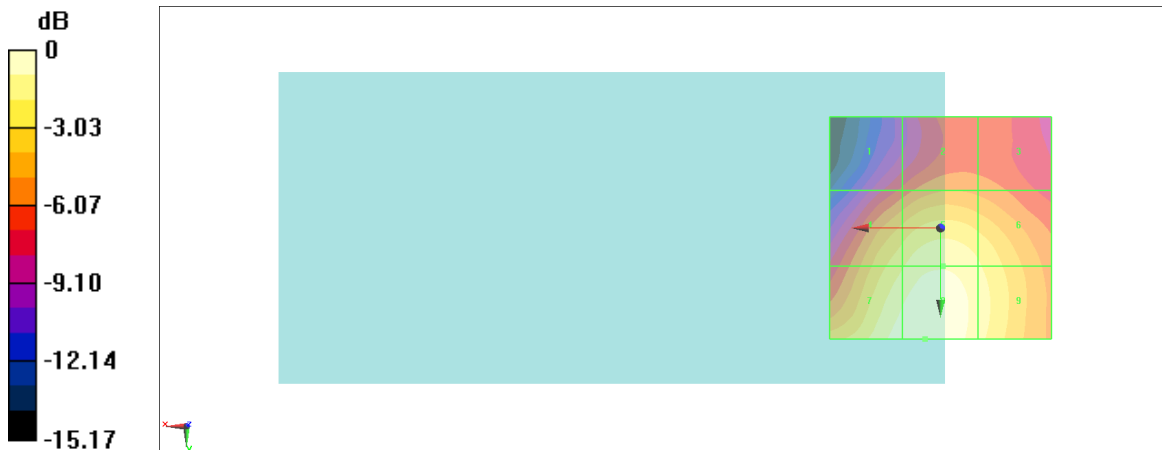
Grid 1 <b>M4</b> <b>20.85 dBV/m</b>	Grid 2 <b>M4</b> <b>22.5 dBV/m</b>	Grid 3 <b>M4</b> <b>22.2 dBV/m</b>
Grid 4 <b>M4</b> <b>25.44 dBV/m</b>	Grid 5 <b>M4</b> <b>26.44 dBV/m</b>	Grid 6 <b>M4</b> <b>25.67 dBV/m</b>
Grid 7 <b>M4</b> <b>27.16 dBV/m</b>	Grid 8 <b>M4</b> <b>27.55 dBV/m</b>	Grid 9 <b>M4</b> <b>26.12 dBV/m</b>

**Cursor:**

Total = 27.55 dBV/m

E Category: M4

Location: 3.5, 25, 8.7 mm



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



**#49\_HAC\_E\_FR1 n77\_100M\_BPSK\_1\_1\_Ch656000;Ant 7+1;ULMIMO**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3840 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 25.21 V/m; Power Drift = -0.11 dB

Applied MIF = -1.64 dB

RF audio interference level = 25.37 dBV/m

**Emission category: M4**

MIF scaled E-field

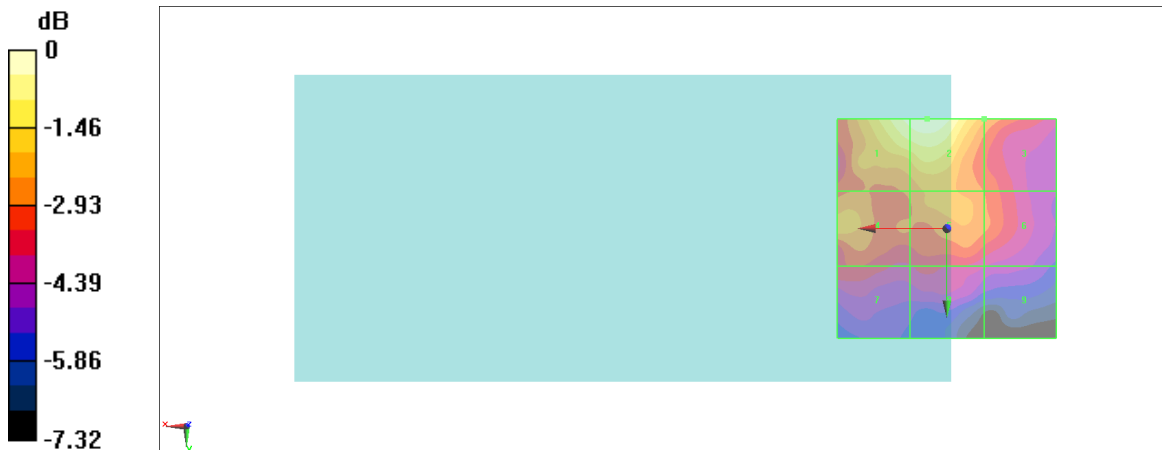
<b>Grid 1 M4</b> <b>25.1 dBV/m</b>	<b>Grid 2 M4</b> <b>25.37 dBV/m</b>	<b>Grid 3 M4</b> <b>23.11 dBV/m</b>
<b>Grid 4 M4</b> <b>23.21 dBV/m</b>	<b>Grid 5 M4</b> <b>23.1 dBV/m</b>	<b>Grid 6 M4</b> <b>22.64 dBV/m</b>
<b>Grid 7 M4</b> <b>21.98 dBV/m</b>	<b>Grid 8 M4</b> <b>21.71 dBV/m</b>	<b>Grid 9 M4</b> <b>21.05 dBV/m</b>

**Cursor:**

Total = 25.37 dBV/m

E Category: M4

Location: 4.5, -25, 8.7 mm



0 dB = 18.57 V/m = 25.37 dBV/m

**#50\_HAC\_E\_FR1\_n77\_100M\_BPSK\_1\_1\_Ch633332;Ant 7+1;ULMIMO**

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3499.98 MHz; Duty Cycle: 1:8.05008

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3499.98 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 26.78 V/m; Power Drift = 0.10 dB

Applied MIF = -1.64 dB

RF audio interference level = 26.46 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>26.14 dBV/m</b>	<b>Grid 2 M4</b> <b>26.46 dBV/m</b>	<b>Grid 3 M4</b> <b>24.43 dBV/m</b>
<b>Grid 4 M4</b> <b>22.16 dBV/m</b>	<b>Grid 5 M4</b> <b>24.39 dBV/m</b>	<b>Grid 6 M4</b> <b>24.3 dBV/m</b>
<b>Grid 7 M4</b> <b>18.03 dBV/m</b>	<b>Grid 8 M4</b> <b>20.94 dBV/m</b>	<b>Grid 9 M4</b> <b>20.91 dBV/m</b>

**Cursor:**

Total = 26.46 dBV/m

E Category: M4

Location: 5, -25, 8.7 mm



0 dB = 21.03 V/m = 26.46 dBV/m