

# #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 : 23.4 °C

## DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 67.78 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.45 dBV/m

**Emission category: M4**

MIF scaled E-field

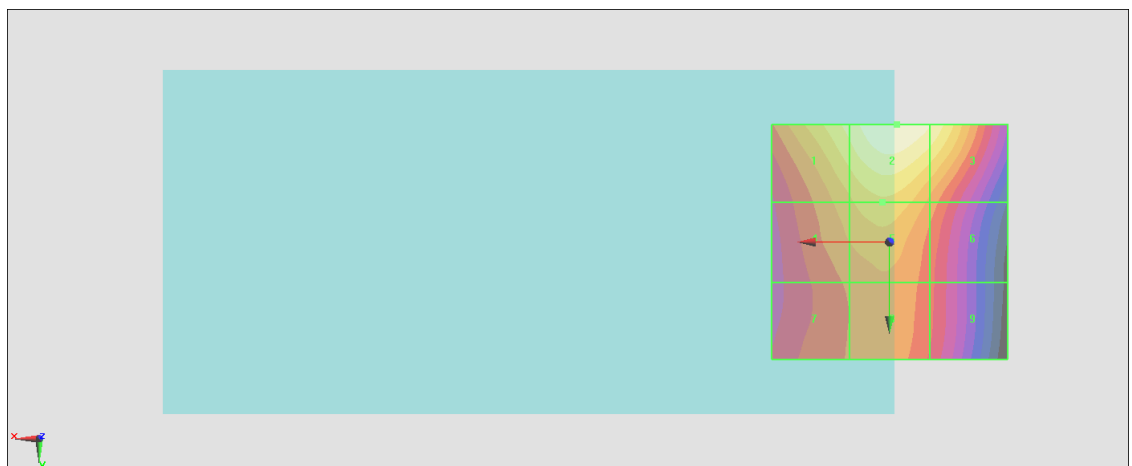
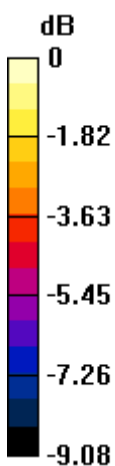
Grid 1 <b>M4</b> <b>38.51 dBV/m</b>	Grid 2 <b>M4</b> <b>39.45 dBV/m</b>	Grid 3 <b>M4</b> <b>38.93 dBV/m</b>
Grid 4 <b>M4</b> <b>36.92 dBV/m</b>	Grid 5 <b>M4</b> <b>37.52 dBV/m</b>	Grid 6 <b>M4</b> <b>36.27 dBV/m</b>
Grid 7 <b>M4</b> <b>35.97 dBV/m</b>	Grid 8 <b>M4</b> <b>36.34 dBV/m</b>	Grid 9 <b>M4</b> <b>35.44 dBV/m</b>

**Cursor:**

Total = 39.45 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



0 dB = 93.91 V/m = 39.45 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 : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 65.63 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.07 dBV/m

**Emission category: M4**

MIF scaled E-field

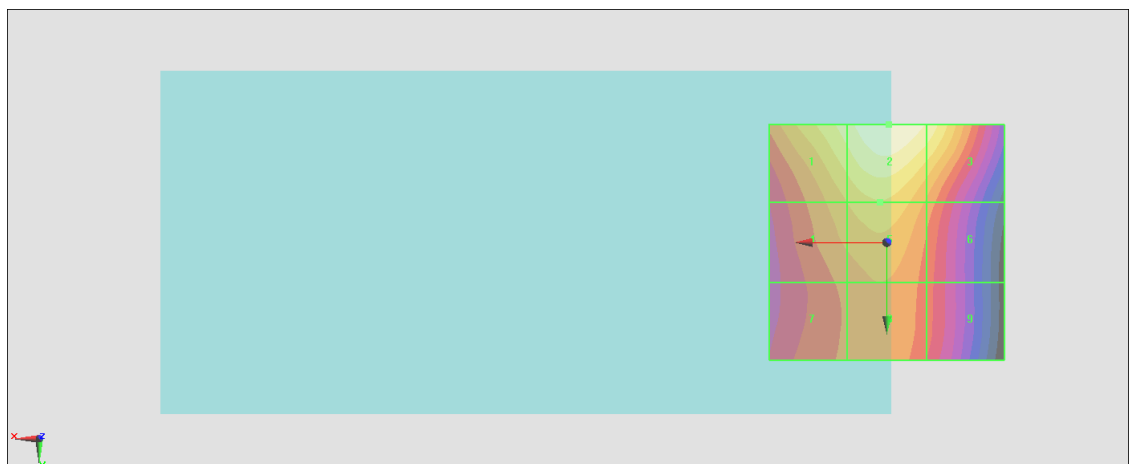
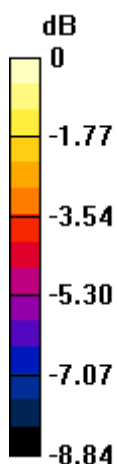
Grid 1 <b>M4</b> <b>38.24 dBV/m</b>	Grid 2 <b>M4</b> <b>39.07 dBV/m</b>	Grid 3 <b>M4</b> <b>38.41 dBV/m</b>
Grid 4 <b>M4</b> <b>36.72 dBV/m</b>	Grid 5 <b>M4</b> <b>37.26 dBV/m</b>	Grid 6 <b>M4</b> <b>36 dBV/m</b>
Grid 7 <b>M4</b> <b>35.77 dBV/m</b>	Grid 8 <b>M4</b> <b>36.13 dBV/m</b>	Grid 9 <b>M4</b> <b>35.25 dBV/m</b>

**Cursor:**

Total = 39.07 dBV/m

E Category: M4

Location: -0.5, -25, 8.7 mm



0 dB = 89.84 V/m = 39.07 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 : 23.4 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 67.83 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.01 dBV/m

**Emission category: M4**

MIF scaled E-field

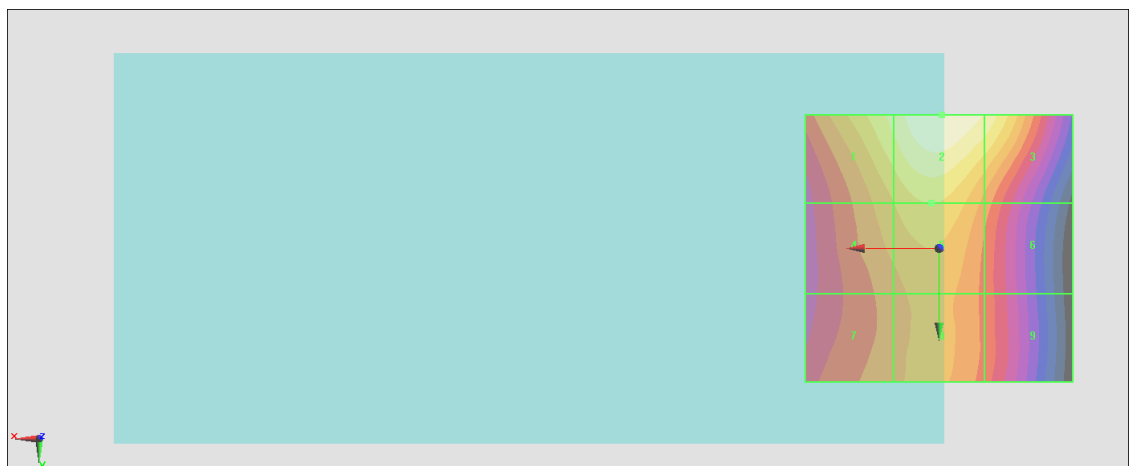
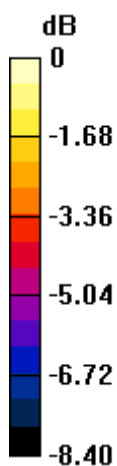
Grid 1 <b>M4</b> <b>38.13 dBV/m</b>	Grid 2 <b>M4</b> <b>39.01 dBV/m</b>	Grid 3 <b>M4</b> <b>38.42 dBV/m</b>
Grid 4 <b>M4</b> <b>36.77 dBV/m</b>	Grid 5 <b>M4</b> <b>37.36 dBV/m</b>	Grid 6 <b>M4</b> <b>36.01 dBV/m</b>
Grid 7 <b>M4</b> <b>36.09 dBV/m</b>	Grid 8 <b>M4</b> <b>36.41 dBV/m</b>	Grid 9 <b>M4</b> <b>35.54 dBV/m</b>

**Cursor:**

Total = 39.01 dBV/m

E Category: M4

Location: -0.5, -25, 8.7 mm



0 dB = 89.25 V/m = 39.01 dBV/m

### #04\_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 : 23.4 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 52.24 V/m; Power Drift = -0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.02 dBV/m

**Emission category: M4**

MIF scaled E-field

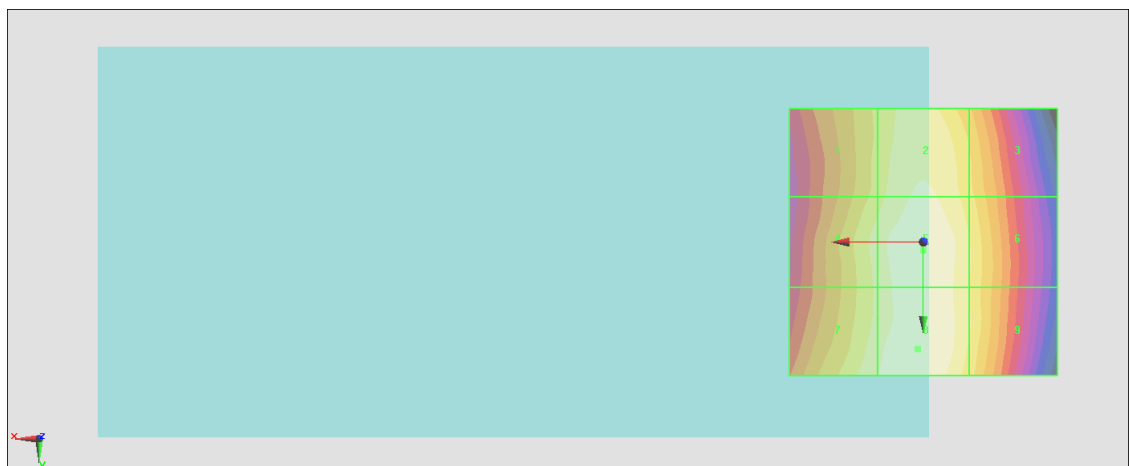
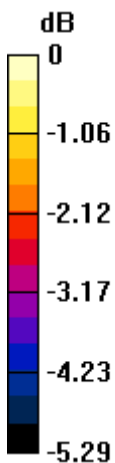
Grid 1 <b>M4</b> <b>34.16 dBV/m</b>	Grid 2 <b>M4</b> <b>34.73 dBV/m</b>	Grid 3 <b>M4</b> <b>34.11 dBV/m</b>
Grid 4 <b>M4</b> <b>34.5 dBV/m</b>	Grid 5 <b>M4</b> <b>35 dBV/m</b>	Grid 6 <b>M4</b> <b>34.36 dBV/m</b>
Grid 7 <b>M4</b> <b>34.66 dBV/m</b>	Grid 8 <b>M4</b> <b>35.02 dBV/m</b>	Grid 9 <b>M4</b> <b>34.37 dBV/m</b>

**Cursor:**

Total = 35.02 dBV/m

E Category: M4

Location: 1, 20, 8.7 mm



0 dB = 56.36 V/m = 35.02 dBV/m

### #05\_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 : 23.4 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 57.00 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.84 dBV/m

**Emission category: M4**

MIF scaled E-field

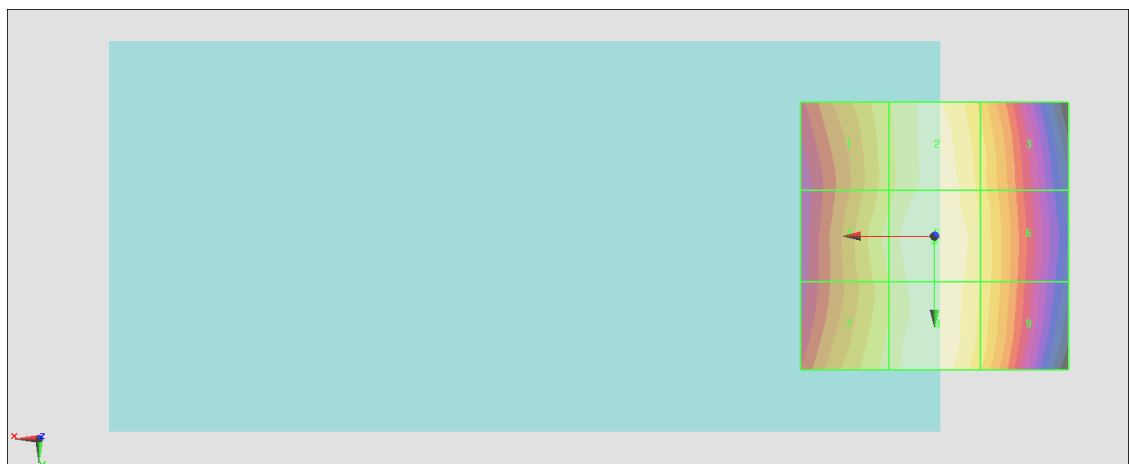
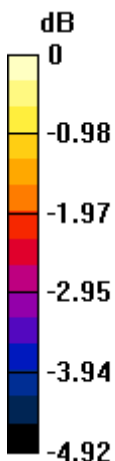
Grid 1 <b>M4</b> <b>35.15 dBV/m</b>	Grid 2 <b>M4</b> <b>35.64 dBV/m</b>	Grid 3 <b>M4</b> <b>35.07 dBV/m</b>
Grid 4 <b>M4</b> <b>35.32 dBV/m</b>	Grid 5 <b>M4</b> <b>35.84 dBV/m</b>	Grid 6 <b>M4</b> <b>35.2 dBV/m</b>
Grid 7 <b>M4</b> <b>35.35 dBV/m</b>	Grid 8 <b>M4</b> <b>35.73 dBV/m</b>	Grid 9 <b>M4</b> <b>35.18 dBV/m</b>

**Cursor:**

Total = 35.84 dBV/m

E Category: M4

Location: 0, 1, 8.7 mm



0 dB = 61.92 V/m = 35.84 dBV/m

### #06\_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 : 23.4 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 54.99 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.53 dBV/m

**Emission category: M4**

MIF scaled E-field

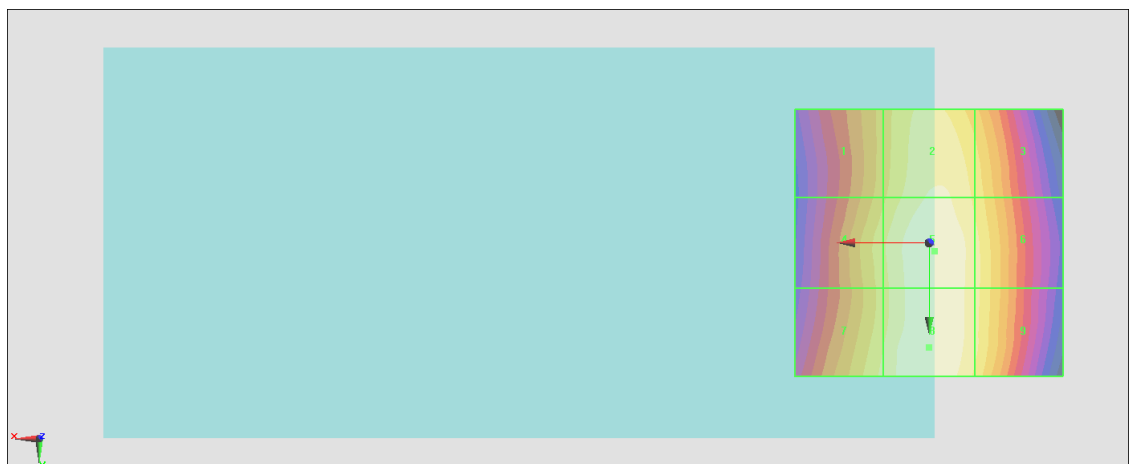
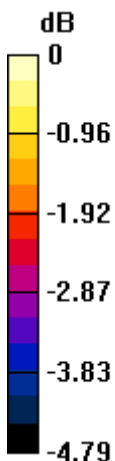
Grid 1 <b>M4</b> <b>34.52 dBV/m</b>	Grid 2 <b>M4</b> <b>35.26 dBV/m</b>	Grid 3 <b>M4</b> <b>34.82 dBV/m</b>
Grid 4 <b>M4</b> <b>34.85 dBV/m</b>	Grid 5 <b>M4</b> <b>35.52 dBV/m</b>	Grid 6 <b>M4</b> <b>35.04 dBV/m</b>
Grid 7 <b>M4</b> <b>35 dBV/m</b>	Grid 8 <b>M4</b> <b>35.53 dBV/m</b>	Grid 9 <b>M4</b> <b>35.02 dBV/m</b>

**Cursor:**

Total = 35.53 dBV/m

E Category: M4

Location: 0, 19.5, 8.7 mm



0 dB = 59.77 V/m = 35.53 dBV/m

### #07\_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 : 23.4 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 18.44 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.11 dBV/m

**Emission category: M4**

MIF scaled E-field

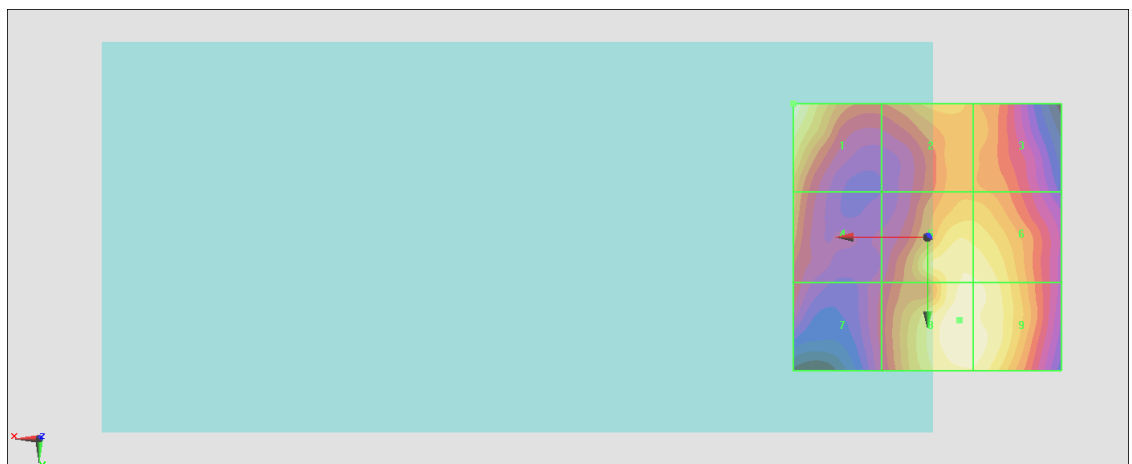
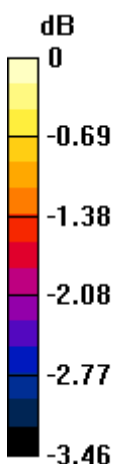
Grid 1 <b>M4</b> <b>27.11 dBV/m</b>	Grid 2 <b>M4</b> <b>26.34 dBV/m</b>	Grid 3 <b>M4</b> <b>26.15 dBV/m</b>
Grid 4 <b>M4</b> <b>26.1 dBV/m</b>	Grid 5 <b>M4</b> <b>26.92 dBV/m</b>	Grid 6 <b>M4</b> <b>26.92 dBV/m</b>
Grid 7 <b>M4</b> <b>25.54 dBV/m</b>	Grid 8 <b>M4</b> <b>27.1 dBV/m</b>	Grid 9 <b>M4</b> <b>27.03 dBV/m</b>

**Cursor:**

Total = 27.11 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 22.68 V/m = 27.11 dBV/m

### #08\_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 : 23.4 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 18.08 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.81 dBV/m

**Emission category: M4**

MIF scaled E-field

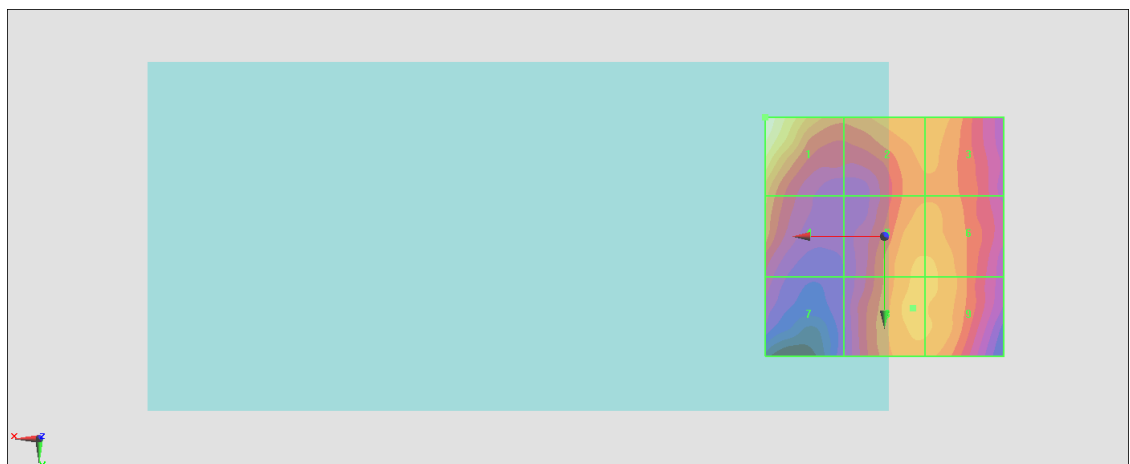
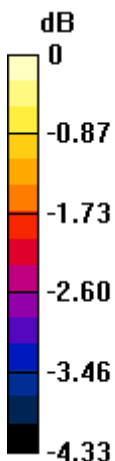
Grid 1 <b>M4</b> <b>27.81 dBV/m</b>	Grid 2 <b>M4</b> <b>26.64 dBV/m</b>	Grid 3 <b>M4</b> <b>26.62 dBV/m</b>
Grid 4 <b>M4</b> <b>26.5 dBV/m</b>	Grid 5 <b>M4</b> <b>26.74 dBV/m</b>	Grid 6 <b>M4</b> <b>26.73 dBV/m</b>
Grid 7 <b>M4</b> <b>25.5 dBV/m</b>	Grid 8 <b>M4</b> <b>26.8 dBV/m</b>	Grid 9 <b>M4</b> <b>26.74 dBV/m</b>

**Cursor:**

Total = 27.81 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 24.58 V/m = 27.81 dBV/m



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

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 : 23.4 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 17.26 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.98 dBV/m

**Emission category: M4**

MIF scaled E-field

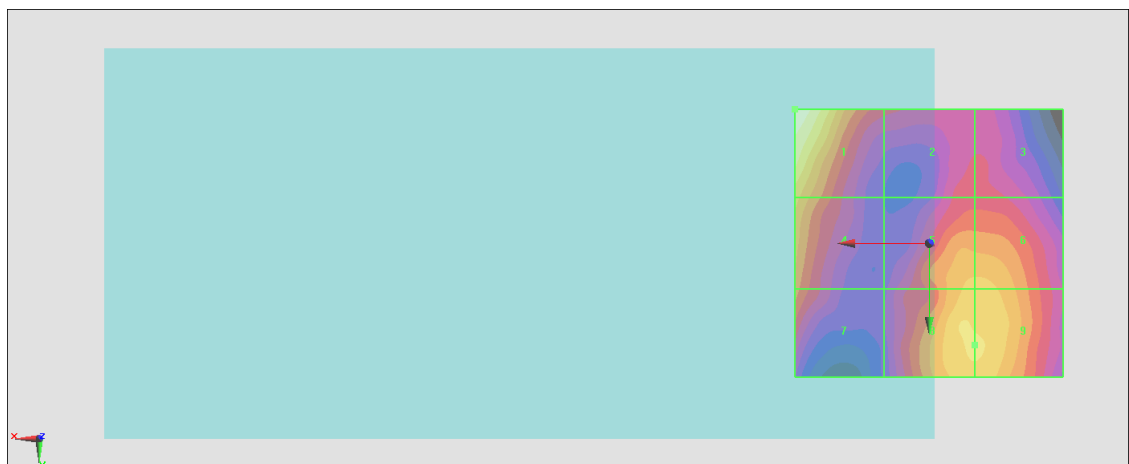
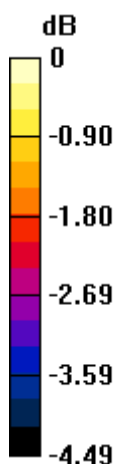
Grid 1 <b>M4</b> <b>27.98 dBV/m</b>	Grid 2 <b>M4</b> <b>25.78 dBV/m</b>	Grid 3 <b>M4</b> <b>25.77 dBV/m</b>
Grid 4 <b>M4</b> <b>26.93 dBV/m</b>	Grid 5 <b>M4</b> <b>26.9 dBV/m</b>	Grid 6 <b>M4</b> <b>26.91 dBV/m</b>
Grid 7 <b>M4</b> <b>26.36 dBV/m</b>	Grid 8 <b>M4</b> <b>27.13 dBV/m</b>	Grid 9 <b>M4</b> <b>27.13 dBV/m</b>

**Cursor:**

Total = 27.98 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 25.07 V/m = 27.98 dBV/m

## #10\_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 : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2020/12/18

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn854; Calibrated: 2020/5/26

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.95 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.20 dBV/m

**Emission category: M4**

MIF scaled E-field

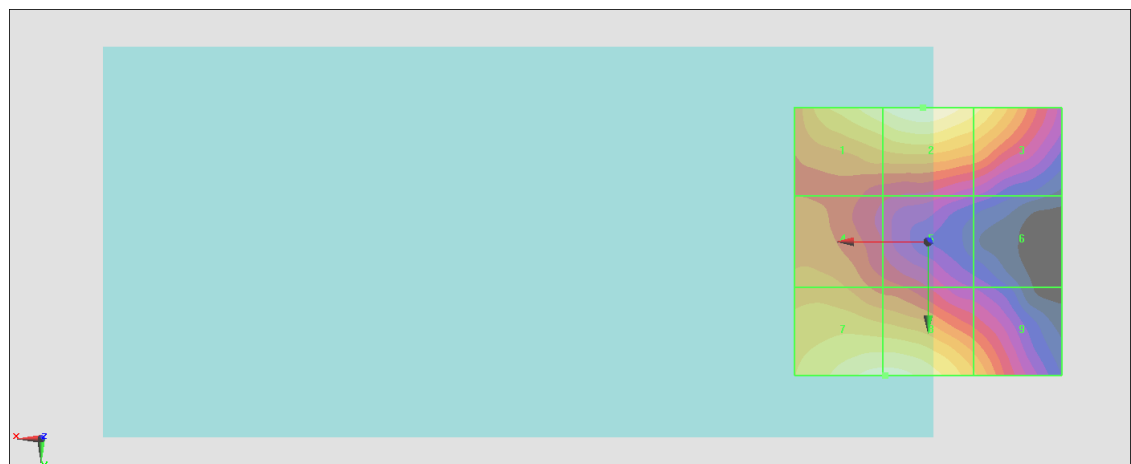
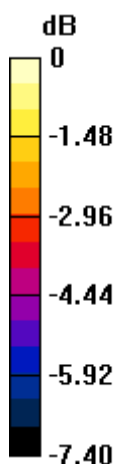
Grid 1 <b>M4</b> <b>27.74 dBV/m</b>	Grid 2 <b>M4</b> <b>28.2 dBV/m</b>	Grid 3 <b>M4</b> <b>27.44 dBV/m</b>
Grid 4 <b>M4</b> <b>26.02 dBV/m</b>	Grid 5 <b>M4</b> <b>25.05 dBV/m</b>	Grid 6 <b>M4</b> <b>23.27 dBV/m</b>
Grid 7 <b>M4</b> <b>27.95 dBV/m</b>	Grid 8 <b>M4</b> <b>27.95 dBV/m</b>	Grid 9 <b>M4</b> <b>26.37 dBV/m</b>

**Cursor:**

Total = 28.20 dBV/m

E Category: M4

Location: 1, -25, 8.7 mm



0 dB = 25.71 V/m = 28.20 dBV/m

## #11\_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 : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020/12/18

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn854; Calibrated: 2020/5/26

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.59 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.91 dBV/m

**Emission category: M4**

MIF scaled E-field

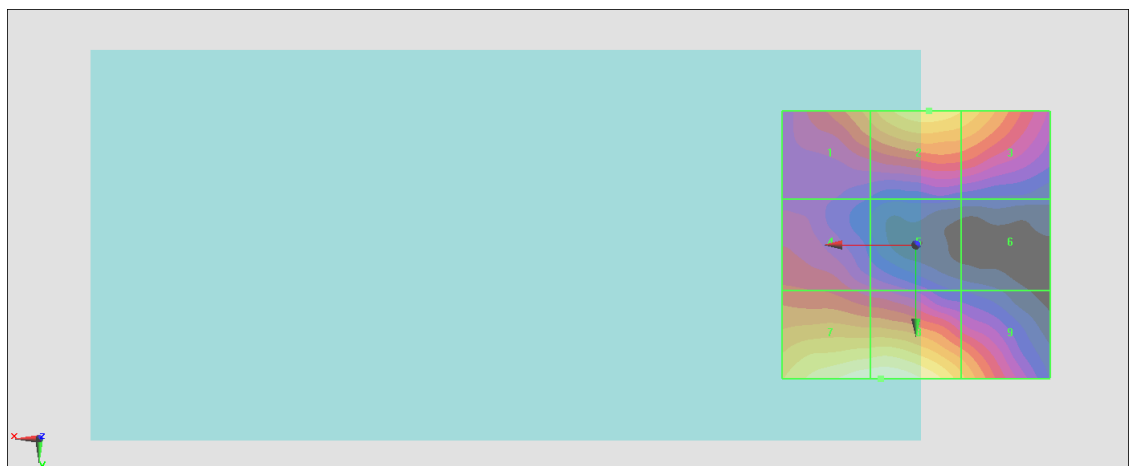
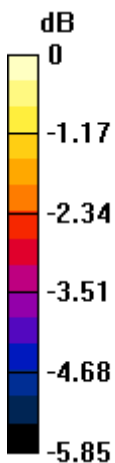
Grid 1 <b>M4</b> <b>27.18 dBV/m</b>	Grid 2 <b>M4</b> <b>28.06 dBV/m</b>	Grid 3 <b>M4</b> <b>27.75 dBV/m</b>
Grid 4 <b>M4</b> <b>26.31 dBV/m</b>	Grid 5 <b>M4</b> <b>25.56 dBV/m</b>	Grid 6 <b>M4</b> <b>24.26 dBV/m</b>
Grid 7 <b>M4</b> <b>28.87 dBV/m</b>	Grid 8 <b>M4</b> <b>28.91 dBV/m</b>	Grid 9 <b>M4</b> <b>27.49 dBV/m</b>

**Cursor:**

Total = 28.91 dBV/m

E Category: M4

Location: 6.5, 25, 8.7 mm



0 dB = 27.88 V/m = 28.91 dBV/m

## #12\_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 : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2020/12/18

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn854; Calibrated: 2020/5/26

- 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 = 13.57 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.58 dBV/m

**Emission category: M4**

MIF scaled E-field

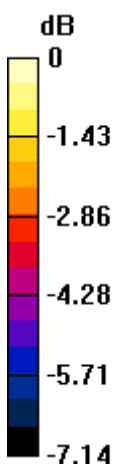
Grid 1 <b>M4</b> <b>27.49 dBV/m</b>	Grid 2 <b>M4</b> <b>28.19 dBV/m</b>	Grid 3 <b>M4</b> <b>27.68 dBV/m</b>
Grid 4 <b>M4</b> <b>26.23 dBV/m</b>	Grid 5 <b>M4</b> <b>26.08 dBV/m</b>	Grid 6 <b>M4</b> <b>25.02 dBV/m</b>
Grid 7 <b>M4</b> <b>29.3 dBV/m</b>	Grid 8 <b>M4</b> <b>29.58 dBV/m</b>	Grid 9 <b>M4</b> <b>28.65 dBV/m</b>

**Cursor:**

Total = 29.58 dBV/m

E Category: M4

Location: 3.5, 25, 8.7 mm



0 dB = 30.12 V/m = 29.58 dBV/m

### #13\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_49\_Ch39750;Ant 0

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 : 23.4 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 14.59 V/m; Power Drift = -0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.42 dBV/m

**Emission category: M4**

MIF scaled E-field

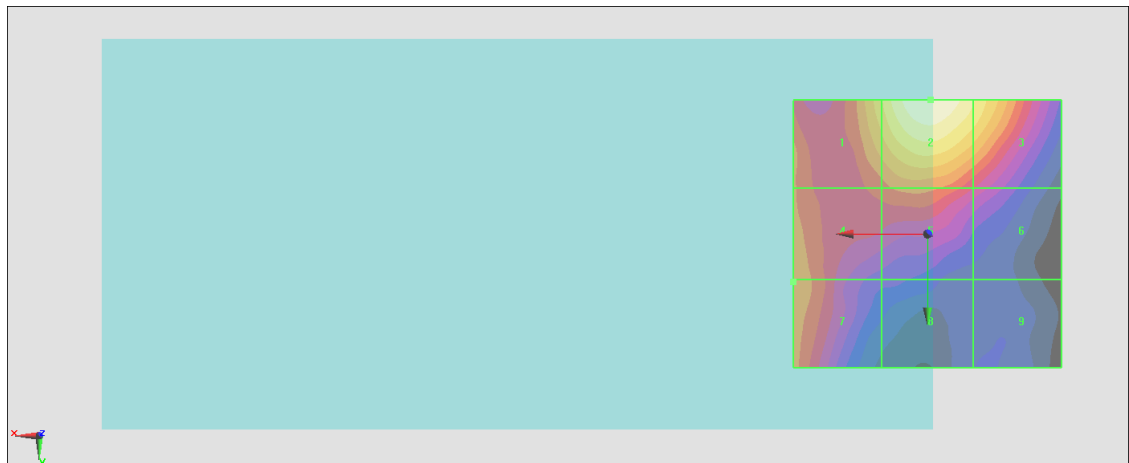
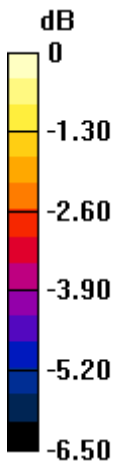
Grid 1 <b>M4</b> <b>22.11 dBV/m</b>	Grid 2 <b>M4</b> <b>23.42 dBV/m</b>	Grid 3 <b>M4</b> <b>22.61 dBV/m</b>
Grid 4 <b>M4</b> <b>21.27 dBV/m</b>	Grid 5 <b>M4</b> <b>20.99 dBV/m</b>	Grid 6 <b>M4</b> <b>19.96 dBV/m</b>
Grid 7 <b>M4</b> <b>21.27 dBV/m</b>	Grid 8 <b>M4</b> <b>18.85 dBV/m</b>	Grid 9 <b>M4</b> <b>18.31 dBV/m</b>

**Cursor:**

Total = 23.42 dBV/m

E Category: M4

Location: -0.5, -25, 8.7 mm



0 dB = 14.82 V/m = 23.42 dBV/m

### #14\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_49\_Ch40185;Ant 0

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 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 : 23.4 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 13.88 V/m; Power Drift = -0.12 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.45 dBV/m

**Emission category: M4**

MIF scaled E-field

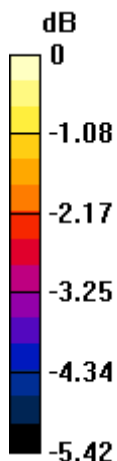
<b>Grid 1 M4</b> <b>21.12 dBV/m</b>	<b>Grid 2 M4</b> <b>21.11 dBV/m</b>	<b>Grid 3 M4</b> <b>20.42 dBV/m</b>
<b>Grid 4 M4</b> <b>21.28 dBV/m</b>	<b>Grid 5 M4</b> <b>19.98 dBV/m</b>	<b>Grid 6 M4</b> <b>18.92 dBV/m</b>
<b>Grid 7 M4</b> <b>21.45 dBV/m</b>	<b>Grid 8 M4</b> <b>19.09 dBV/m</b>	<b>Grid 9 M4</b> <b>17.81 dBV/m</b>

**Cursor:**

Total = 21.45 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 11.81 V/m = 21.44 dBV/m

### #15\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_49\_Ch40620;Ant 0

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 : 23.4 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.23 V/m; Power Drift = -0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.18 dBV/m

**Emission category: M4**

MIF scaled E-field

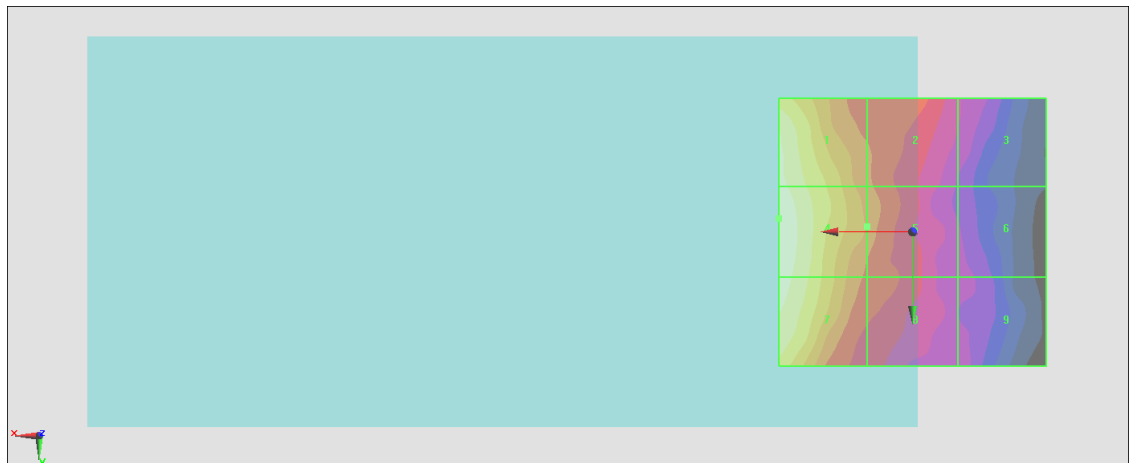
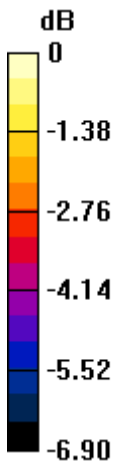
<b>Grid 1 M4</b> <b>20.92 dBV/m</b>	<b>Grid 2 M4</b> <b>18.59 dBV/m</b>	<b>Grid 3 M4</b> <b>17.14 dBV/m</b>
<b>Grid 4 M4</b> <b>21.18 dBV/m</b>	<b>Grid 5 M4</b> <b>18.81 dBV/m</b>	<b>Grid 6 M4</b> <b>16.87 dBV/m</b>
<b>Grid 7 M4</b> <b>20.96 dBV/m</b>	<b>Grid 8 M4</b> <b>18.36 dBV/m</b>	<b>Grid 9 M4</b> <b>16.91 dBV/m</b>

**Cursor:**

Total = 21.18 dBV/m

E Category: M4

Location: 25, -2.5, 8.7 mm



0 dB = 11.46 V/m = 21.18 dBV/m

### #16\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_49\_Ch41055;Ant 0

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 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 : 23.4 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 9.972 V/m; Power Drift = -0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.16 dBV/m

**Emission category: M4**

MIF scaled E-field

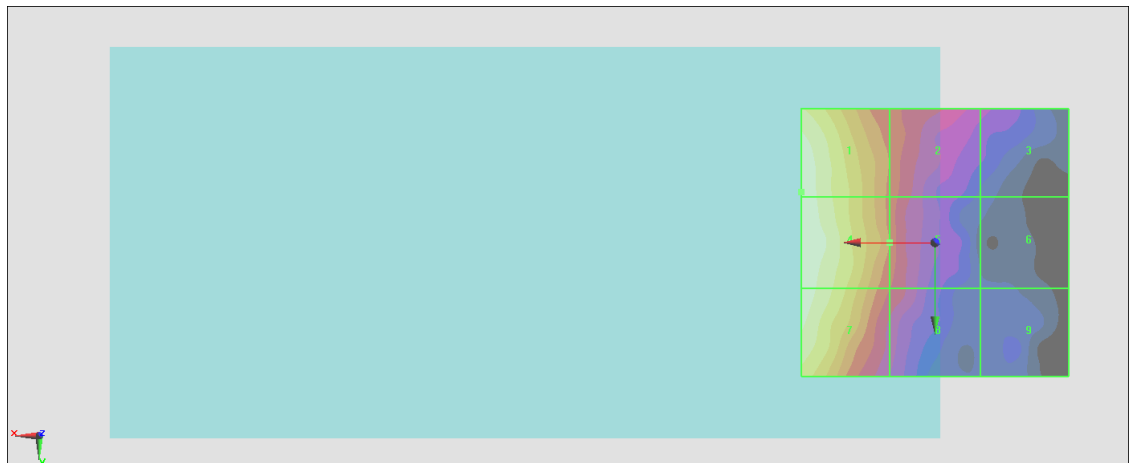
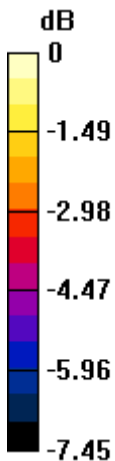
Grid 1 <b>M4</b> <b>21.16 dBV/m</b>	Grid 2 <b>M4</b> <b>18.16 dBV/m</b>	Grid 3 <b>M4</b> <b>16.44 dBV/m</b>
Grid 4 <b>M4</b> <b>21.15 dBV/m</b>	Grid 5 <b>M4</b> <b>18.19 dBV/m</b>	Grid 6 <b>M4</b> <b>15.06 dBV/m</b>
Grid 7 <b>M4</b> <b>21.01 dBV/m</b>	Grid 8 <b>M4</b> <b>17.73 dBV/m</b>	Grid 9 <b>M4</b> <b>15.45 dBV/m</b>

**Cursor:**

Total = 21.16 dBV/m

E Category: M4

Location: 25, -9.5, 8.7 mm



0 dB = 11.43 V/m = 21.16 dBV/m



**#17\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_49\_Ch41490;Ant 0**

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 : 23.4 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.47 V/m; Power Drift = 0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.23 dBV/m

**Emission category: M4**

MIF scaled E-field

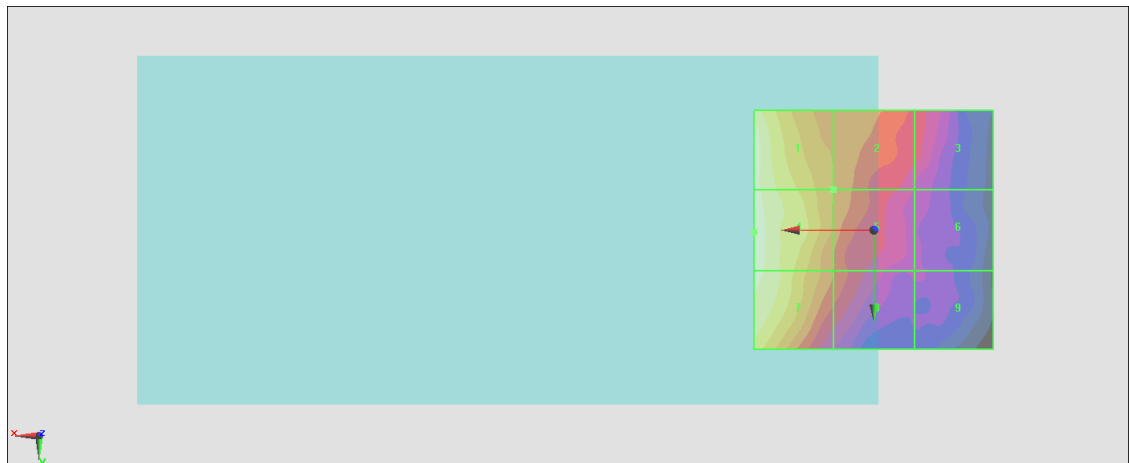
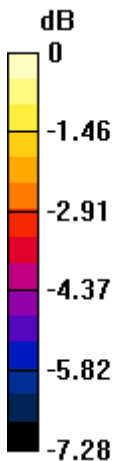
<b>Grid 1 M4</b> <b>21.07 dBV/m</b>	<b>Grid 2 M4</b> <b>18.82 dBV/m</b>	<b>Grid 3 M4</b> <b>17.73 dBV/m</b>
<b>Grid 4 M4</b> <b>21.23 dBV/m</b>	<b>Grid 5 M4</b> <b>18.82 dBV/m</b>	<b>Grid 6 M4</b> <b>16.84 dBV/m</b>
<b>Grid 7 M4</b> <b>20.97 dBV/m</b>	<b>Grid 8 M4</b> <b>18.34 dBV/m</b>	<b>Grid 9 M4</b> <b>16.5 dBV/m</b>

**Cursor:**

Total = 21.23 dBV/m

E Category: M4

Location: 25, 0.5, 8.7 mm



0 dB = 11.53 V/m = 21.24 dBV/m

### #18\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_49\_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 : 23.4 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 14.36 V/m; Power Drift = -0.13 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.93 dBV/m

**Emission category: M4**

MIF scaled E-field

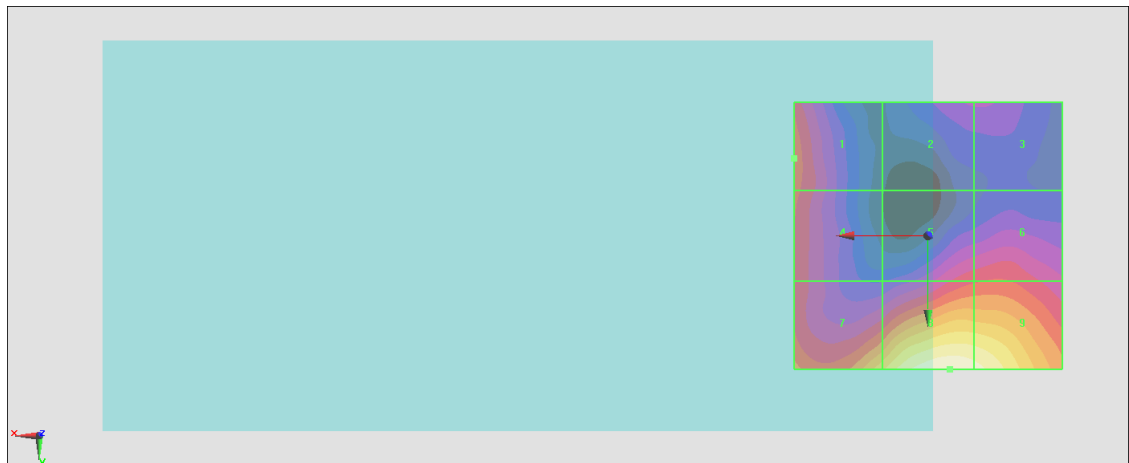
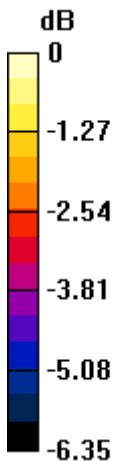
<b>Grid 1 M4</b> <b>22.3 dBV/m</b>	<b>Grid 2 M4</b> <b>20.8 dBV/m</b>	<b>Grid 3 M4</b> <b>20.81 dBV/m</b>
<b>Grid 4 M4</b> <b>22.15 dBV/m</b>	<b>Grid 5 M4</b> <b>21.91 dBV/m</b>	<b>Grid 6 M4</b> <b>22.04 dBV/m</b>
<b>Grid 7 M4</b> <b>23.6 dBV/m</b>	<b>Grid 8 M4</b> <b>24.93 dBV/m</b>	<b>Grid 9 M4</b> <b>24.72 dBV/m</b>

**Cursor:**

Total = 24.93 dBV/m

E Category: M4

Location: -4, 25, 8.7 mm



0 dB = 17.64 V/m = 24.93 dBV/m

## #19\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_49\_Ch40185;Ant 2

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 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 : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.93 V/m; Power Drift = -0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.51 dBV/m

**Emission category: M4**

MIF scaled E-field

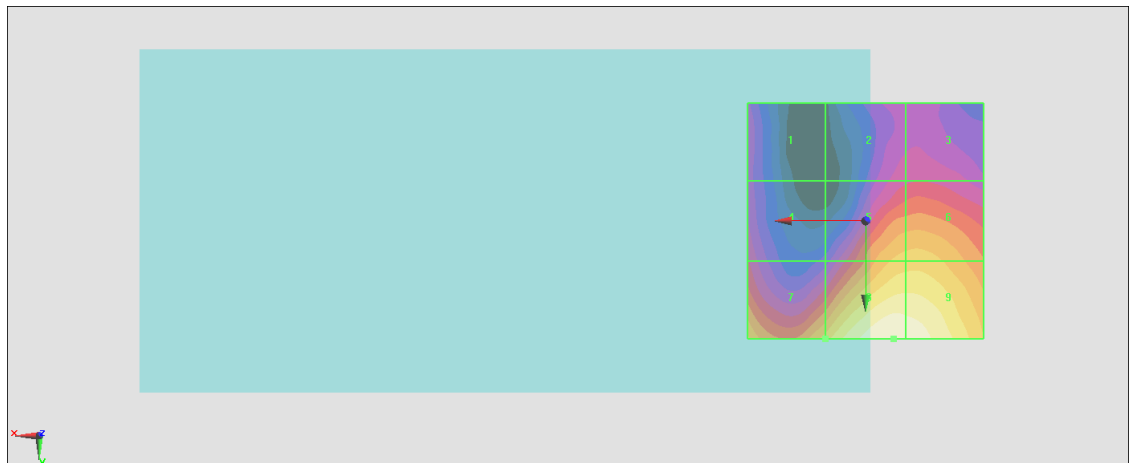
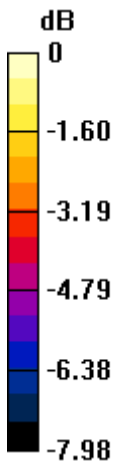
Grid 1 <b>M4</b> <b>19.65 dBV/m</b>	Grid 2 <b>M4</b> <b>20.16 dBV/m</b>	Grid 3 <b>M4</b> <b>20.27 dBV/m</b>
Grid 4 <b>M4</b> <b>20.38 dBV/m</b>	Grid 5 <b>M4</b> <b>22.64 dBV/m</b>	Grid 6 <b>M4</b> <b>22.69 dBV/m</b>
Grid 7 <b>M4</b> <b>22.66 dBV/m</b>	Grid 8 <b>M4</b> <b>24.51 dBV/m</b>	Grid 9 <b>M4</b> <b>24.43 dBV/m</b>

**Cursor:**

Total = 24.51 dBV/m

E Category: M4

Location: -6, 25, 8.7 mm



0 dB = 16.81 V/m = 24.51 dBV/m

## #20\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_49\_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 : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.70 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.03 dBV/m

**Emission category: M4**

MIF scaled E-field

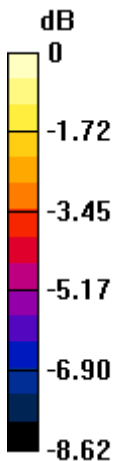
Grid 1 <b>M4</b> <b>20.58 dBV/m</b>	Grid 2 <b>M4</b> <b>19.64 dBV/m</b>	Grid 3 <b>M4</b> <b>19.74 dBV/m</b>
Grid 4 <b>M4</b> <b>20.19 dBV/m</b>	Grid 5 <b>M4</b> <b>22.24 dBV/m</b>	Grid 6 <b>M4</b> <b>22.22 dBV/m</b>
Grid 7 <b>M4</b> <b>23.97 dBV/m</b>	Grid 8 <b>M4</b> <b>25.03 dBV/m</b>	Grid 9 <b>M4</b> <b>24.41 dBV/m</b>

**Cursor:**

Total = 25.03 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 17.84 V/m = 25.03 dBV/m

## #21\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_49\_Ch41055;Ant 2

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 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 : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 14.17 V/m; Power Drift = -0.11 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.92 dBV/m

**Emission category: M4**

MIF scaled E-field

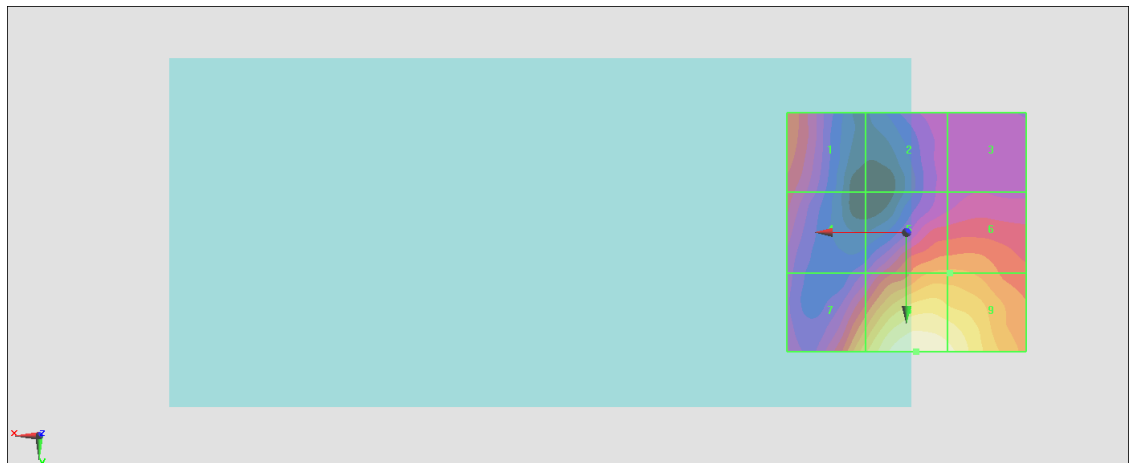
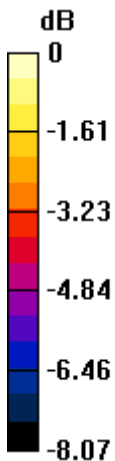
Grid 1 <b>M4</b> <b>20.71 dBV/m</b>	Grid 2 <b>M4</b> <b>18.95 dBV/m</b>	Grid 3 <b>M4</b> <b>19.11 dBV/m</b>
Grid 4 <b>M4</b> <b>19.93 dBV/m</b>	Grid 5 <b>M4</b> <b>21.37 dBV/m</b>	Grid 6 <b>M4</b> <b>21.37 dBV/m</b>
Grid 7 <b>M4</b> <b>22.22 dBV/m</b>	Grid 8 <b>M4</b> <b>23.92 dBV/m</b>	Grid 9 <b>M4</b> <b>23.58 dBV/m</b>

**Cursor:**

Total = 23.92 dBV/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 15.70 V/m = 23.92 dBV/m

## #22\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_49\_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 : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.86 V/m; Power Drift = -0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 22.44 dBV/m

**Emission category: M4**

MIF scaled E-field

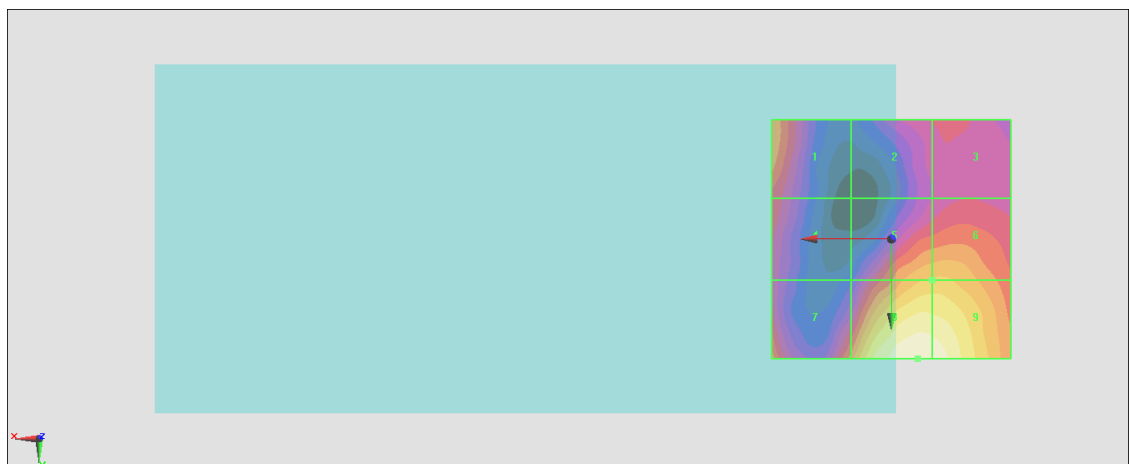
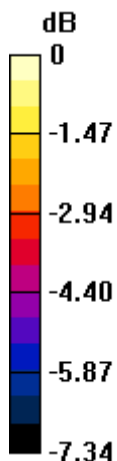
Grid 1 <b>M4</b> <b>19.99 dBV/m</b>	Grid 2 <b>M4</b> <b>18.6 dBV/m</b>	Grid 3 <b>M4</b> <b>18.72 dBV/m</b>
Grid 4 <b>M4</b> <b>18.97 dBV/m</b>	Grid 5 <b>M4</b> <b>20.56 dBV/m</b>	Grid 6 <b>M4</b> <b>20.59 dBV/m</b>
Grid 7 <b>M4</b> <b>19.81 dBV/m</b>	Grid 8 <b>M4</b> <b>22.44 dBV/m</b>	Grid 9 <b>M4</b> <b>22.33 dBV/m</b>

**Cursor:**

Total = 22.44 dBV/m

E Category: M4

Location: -5.5, 25, 8.7 mm



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

## #23\_HAC\_E\_LTE Band 38\_20M\_QPSK\_1\_0\_Ch37850;Ant 0\_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2580 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 : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2580 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.81 V/m; Power Drift = 0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.27 dBV/m

**Emission category: M4**

MIF scaled E-field

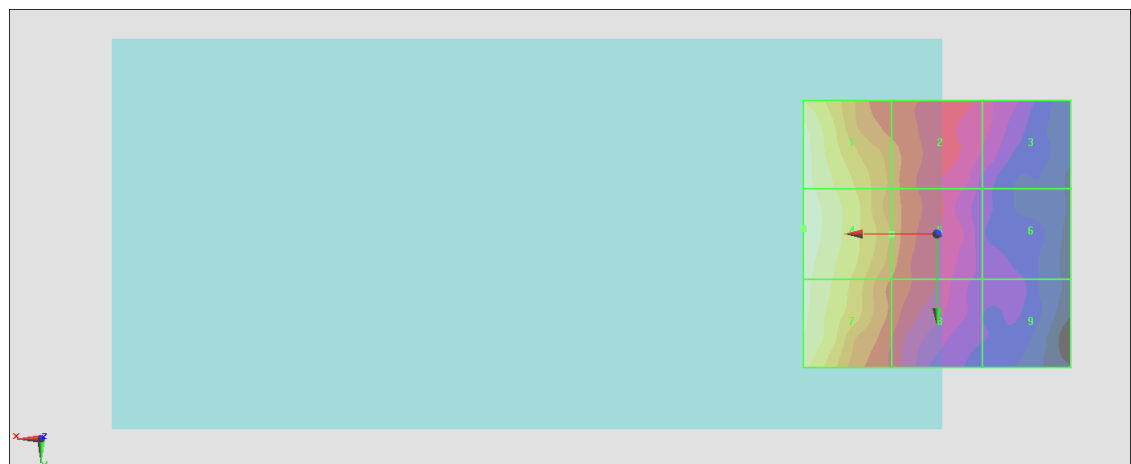
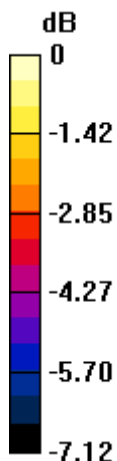
Grid 1 <b>M4</b> <b>21.06 dBV/m</b>	Grid 2 <b>M4</b> <b>18.76 dBV/m</b>	Grid 3 <b>M4</b> <b>17.26 dBV/m</b>
Grid 4 <b>M4</b> <b>21.27 dBV/m</b>	Grid 5 <b>M4</b> <b>18.85 dBV/m</b>	Grid 6 <b>M4</b> <b>16.44 dBV/m</b>
Grid 7 <b>M4</b> <b>20.98 dBV/m</b>	Grid 8 <b>M4</b> <b>18.41 dBV/m</b>	Grid 9 <b>M4</b> <b>16.44 dBV/m</b>

**Cursor:**

Total = 21.27 dBV/m

E Category: M4

Location: 25, -1, 8.7 mm



0 dB = 11.58 V/m = 21.27 dBV/m

**#24\_HAC\_E\_LTE Band 38\_20M\_QPSK\_1\_0\_Ch38000;Ant 0\_HPUE**

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2595 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 : 23.4 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2595 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.77 V/m; Power Drift = 0.08 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.15 dBV/m

**Emission category: M4**

MIF scaled E-field

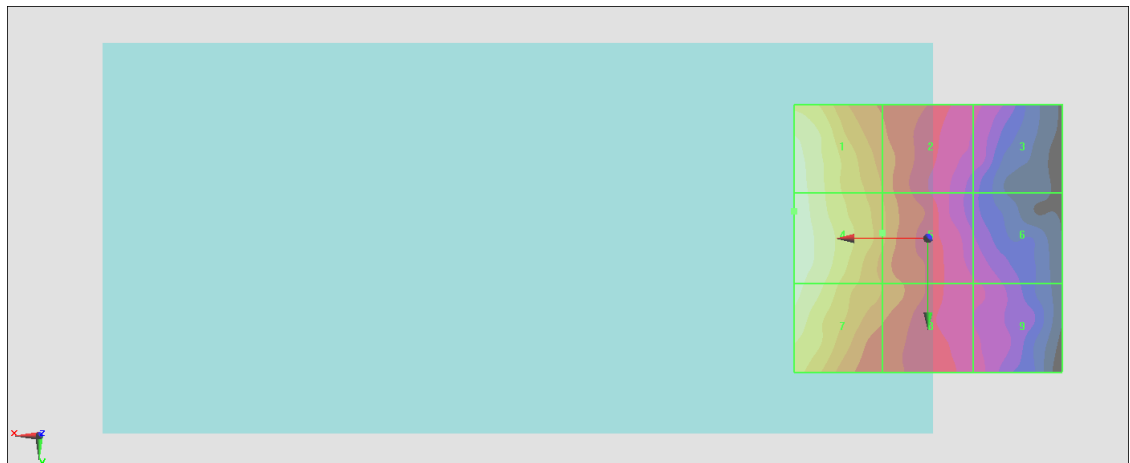
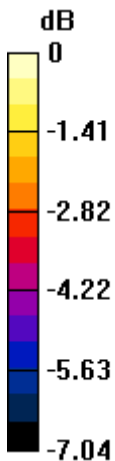
Grid 1 <b>M4</b> <b>21.06 dBV/m</b>	Grid 2 <b>M4</b> <b>18.8 dBV/m</b>	Grid 3 <b>M4</b> <b>17.12 dBV/m</b>
Grid 4 <b>M4</b> <b>21.15 dBV/m</b>	Grid 5 <b>M4</b> <b>18.96 dBV/m</b>	Grid 6 <b>M4</b> <b>17.03 dBV/m</b>
Grid 7 <b>M4</b> <b>20.86 dBV/m</b>	Grid 8 <b>M4</b> <b>18.79 dBV/m</b>	Grid 9 <b>M4</b> <b>17.21 dBV/m</b>

**Cursor:**

Total = 21.15 dBV/m

E Category: M4

Location: 25, -5, 8.7 mm



0 dB = 11.42 V/m = 21.15 dBV/m



## #25\_HAC\_E\_LTE Band 38\_20M\_QPSK\_1\_0\_Ch38150;Ant 0\_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2610 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 : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2610 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.84 V/m; Power Drift = -0.11 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.36 dBV/m

**Emission category: M4**

MIF scaled E-field

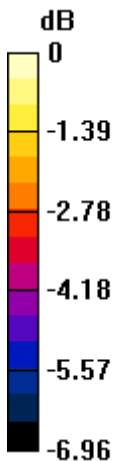
Grid 1 <b>M4</b> <b>21.19 dBV/m</b>	Grid 2 <b>M4</b> <b>18.96 dBV/m</b>	Grid 3 <b>M4</b> <b>17.48 dBV/m</b>
Grid 4 <b>M4</b> <b>21.36 dBV/m</b>	Grid 5 <b>M4</b> <b>19.11 dBV/m</b>	Grid 6 <b>M4</b> <b>17.28 dBV/m</b>
Grid 7 <b>M4</b> <b>20.94 dBV/m</b>	Grid 8 <b>M4</b> <b>18.71 dBV/m</b>	Grid 9 <b>M4</b> <b>17.38 dBV/m</b>

**Cursor:**

Total = 21.36 dBV/m

E Category: M4

Location: 25, -3.5, 8.7 mm



0 dB = 11.70 V/m = 21.36 dBV/m

## #26\_HAC\_E\_LTE Band 38\_20M\_QPSK\_1\_99\_Ch37850;Ant2\_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2580 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 : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2580 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 13.45 V/m; Power Drift = -0.17 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.46 dBV/m

**Emission category: M4**

MIF scaled E-field

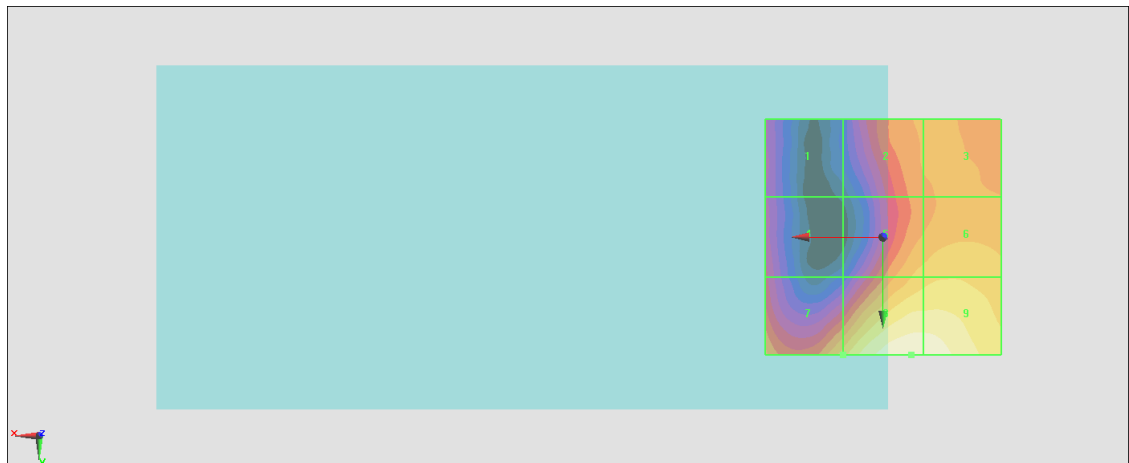
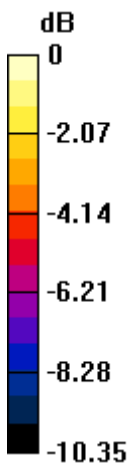
Grid 1 <b>M4</b> <b>18.64 dBV/m</b>	Grid 2 <b>M4</b> <b>21.09 dBV/m</b>	Grid 3 <b>M4</b> <b>21.24 dBV/m</b>
Grid 4 <b>M4</b> <b>19.25 dBV/m</b>	Grid 5 <b>M4</b> <b>22.07 dBV/m</b>	Grid 6 <b>M4</b> <b>22.37 dBV/m</b>
Grid 7 <b>M4</b> <b>22.09 dBV/m</b>	Grid 8 <b>M4</b> <b>24.46 dBV/m</b>	Grid 9 <b>M4</b> <b>24.37 dBV/m</b>

**Cursor:**

Total = 24.46 dBV/m

E Category: M4

Location: -6, 25, 8.7 mm



0 dB = 16.72 V/m = 24.46 dBV/m

**#27\_HAC\_E\_LTE Band 38\_20M\_QPSK\_1\_99\_Ch38000;Ant 2\_HPUE**

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2595 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 : 23.4 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2595 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 13.52 V/m; Power Drift = -0.11 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.30 dBV/m

**Emission category: M4**

MIF scaled E-field

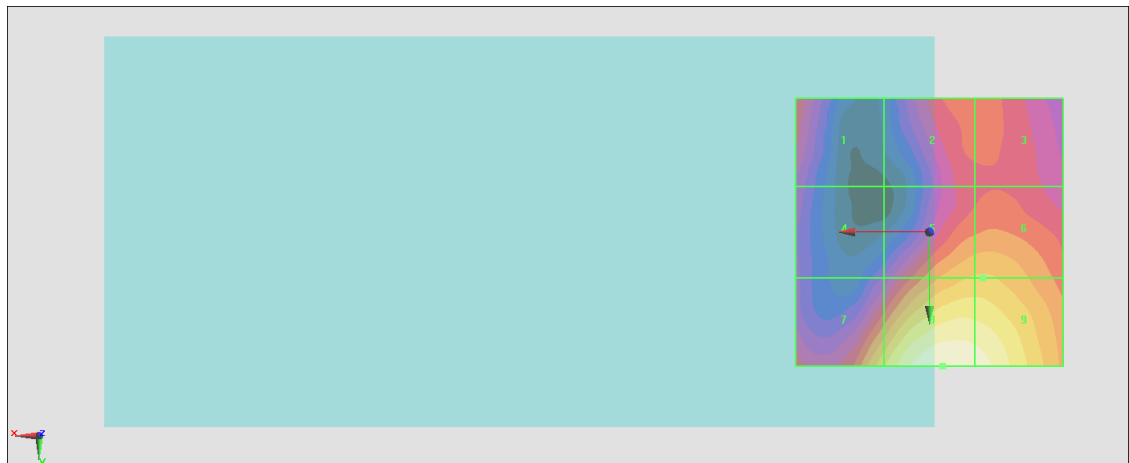
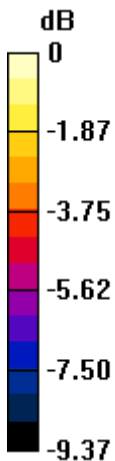
Grid 1 <b>M4</b> <b>20.12 dBV/m</b>	Grid 2 <b>M4</b> <b>20.3 dBV/m</b>	Grid 3 <b>M4</b> <b>20.22 dBV/m</b>
Grid 4 <b>M4</b> <b>18.64 dBV/m</b>	Grid 5 <b>M4</b> <b>21.88 dBV/m</b>	Grid 6 <b>M4</b> <b>21.91 dBV/m</b>
Grid 7 <b>M4</b> <b>22.39 dBV/m</b>	Grid 8 <b>M4</b> <b>24.3 dBV/m</b>	Grid 9 <b>M4</b> <b>24.08 dBV/m</b>

**Cursor:**

Total = 24.30 dBV/m

E Category: M4

Location: -2.5, 25, 8.7 mm



0 dB = 16.40 V/m = 24.30 dBV/m

## #29\_HAC\_E\_LTE Band 38\_20M\_QPSK\_1\_99\_Ch38150;Ant 2\_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2610 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 : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2610 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 14.86 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.46 dBV/m

**Emission category: M4**

MIF scaled E-field

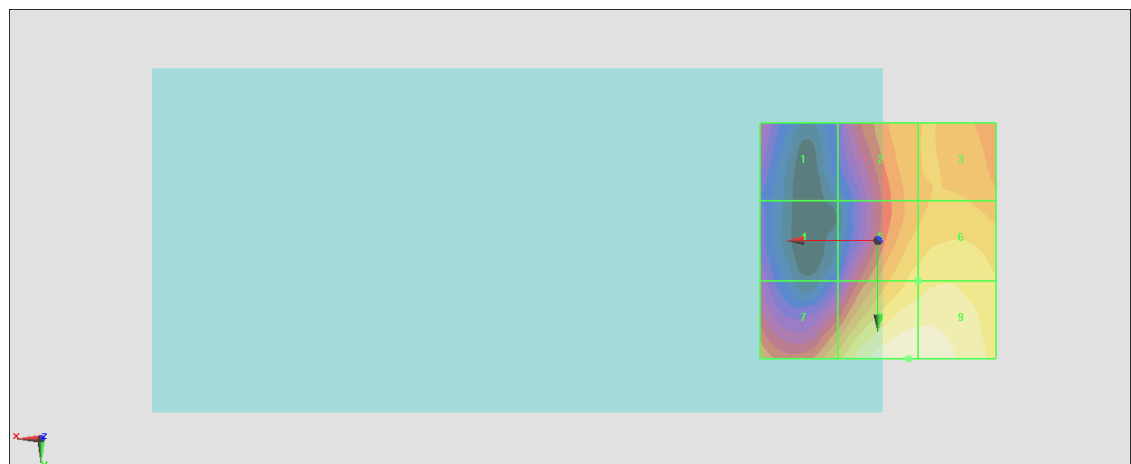
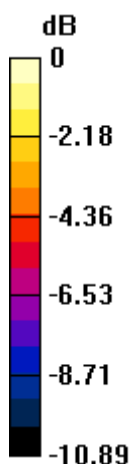
Grid 1 <b>M4</b> <b>18.63 dBV/m</b>	Grid 2 <b>M4</b> <b>21.54 dBV/m</b>	Grid 3 <b>M4</b> <b>21.66 dBV/m</b>
Grid 4 <b>M4</b> <b>18.05 dBV/m</b>	Grid 5 <b>M4</b> <b>22.63 dBV/m</b>	Grid 6 <b>M4</b> <b>22.98 dBV/m</b>
Grid 7 <b>M4</b> <b>21.99 dBV/m</b>	Grid 8 <b>M4</b> <b>24.46 dBV/m</b>	Grid 9 <b>M4</b> <b>24.42 dBV/m</b>

**Cursor:**

Total = 24.46 dBV/m

E Category: M4

Location: -6.5, 25, 8.7 mm



0 dB = 16.72 V/m = 24.46 dBV/m

## #29\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55340;Ant 2

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 : 23.4 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.00 V/m; Power Drift = -0.14 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.67 dBV/m

**Emission category: M4**

MIF scaled E-field

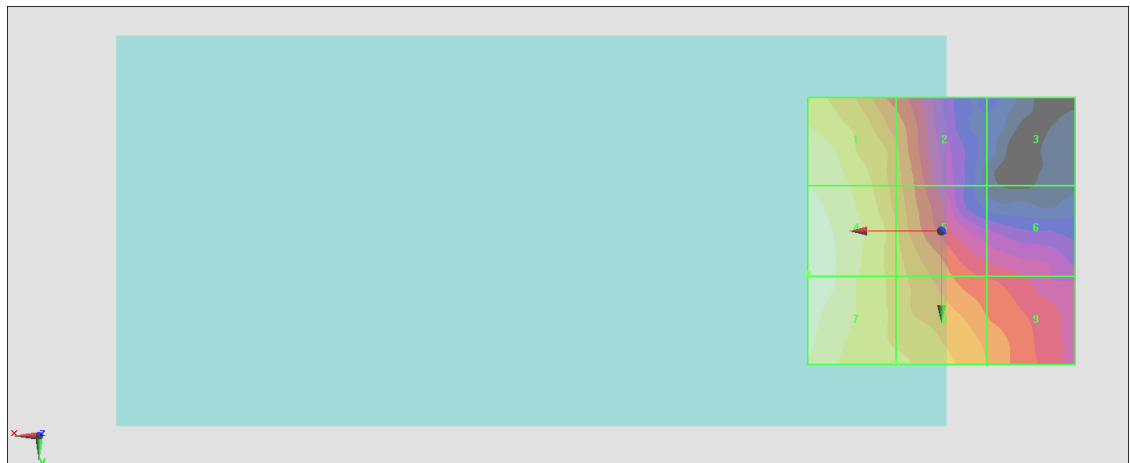
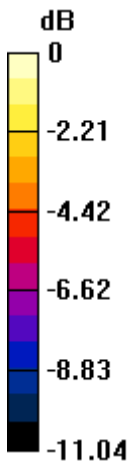
Grid 1 <b>M4</b> <b>20.94 dBV/m</b>	Grid 2 <b>M4</b> <b>18.36 dBV/m</b>	Grid 3 <b>M4</b> <b>13.15 dBV/m</b>
Grid 4 <b>M4</b> <b>21.67 dBV/m</b>	Grid 5 <b>M4</b> <b>19.12 dBV/m</b>	Grid 6 <b>M4</b> <b>16.48 dBV/m</b>
Grid 7 <b>M4</b> <b>21.67 dBV/m</b>	Grid 8 <b>M4</b> <b>19.58 dBV/m</b>	Grid 9 <b>M4</b> <b>17.97 dBV/m</b>

**Cursor:**

Total = 21.67 dBV/m

E Category: M4

Location: 25, 8, 8.7 mm



0 dB = 12.12 V/m = 21.67 dBV/m

### #30\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55830;Ant 2

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 : 23.4 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 3609 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.87 V/m; Power Drift = -0.13 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.38 dBV/m

**Emission category: M4**

MIF scaled E-field

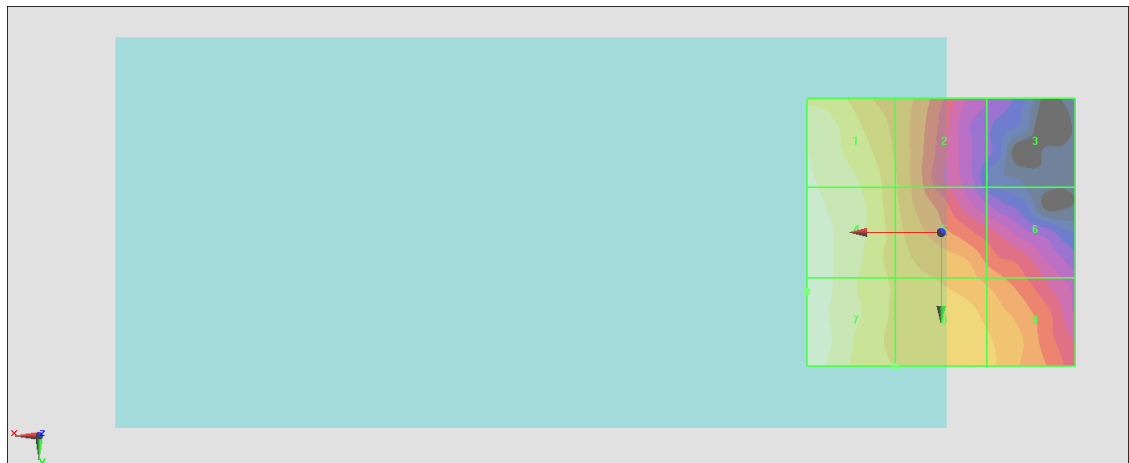
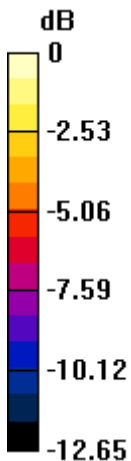
<b>Grid 1 M4</b> <b>20.76 dBV/m</b>	<b>Grid 2 M4</b> <b>18.13 dBV/m</b>	<b>Grid 3 M4</b> <b>13.11 dBV/m</b>
<b>Grid 4 M4</b> <b>21.32 dBV/m</b>	<b>Grid 5 M4</b> <b>18.64 dBV/m</b>	<b>Grid 6 M4</b> <b>16.93 dBV/m</b>
<b>Grid 7 M4</b> <b>21.38 dBV/m</b>	<b>Grid 8 M4</b> <b>18.84 dBV/m</b>	<b>Grid 9 M4</b> <b>18.22 dBV/m</b>

**Cursor:**

Total = 21.38 dBV/m

E Category: M4

Location: 25, 11, 8.7 mm



0 dB = 11.72 V/m = 21.38 dBV/m

### #31\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56150;Ant 2

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3641 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 : 23.4 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 3641 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 9.070 V/m; Power Drift = -0.14 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.81 dBV/m

**Emission category: M4**

MIF scaled E-field

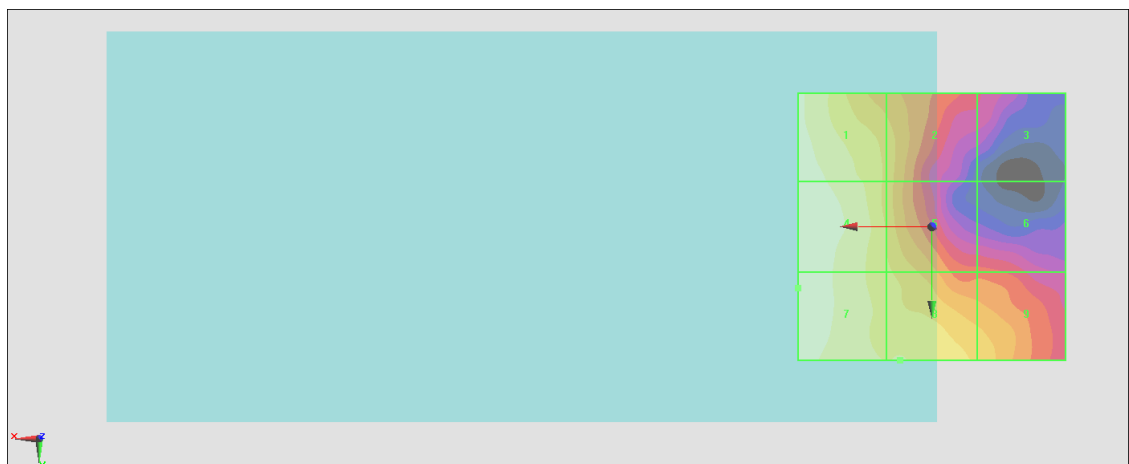
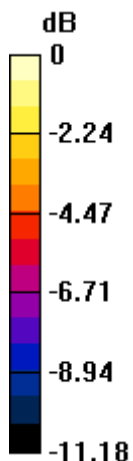
Grid 1 <b>M4</b> <b>20.43 dBV/m</b>	Grid 2 <b>M4</b> <b>18.36 dBV/m</b>	Grid 3 <b>M4</b> <b>15.03 dBV/m</b>
Grid 4 <b>M4</b> <b>20.76 dBV/m</b>	Grid 5 <b>M4</b> <b>18.75 dBV/m</b>	Grid 6 <b>M4</b> <b>15.98 dBV/m</b>
Grid 7 <b>M4</b> <b>20.81 dBV/m</b>	Grid 8 <b>M4</b> <b>19.35 dBV/m</b>	Grid 9 <b>M4</b> <b>18.45 dBV/m</b>

**Cursor:**

Total = 20.81 dBV/m

E Category: M4

Location: 25, 11.5, 8.7 mm



0 dB = 10.98 V/m = 20.81 dBV/m

### #32\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56640;Ant 2

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 : 23.4 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 9.992 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.97 dBV/m

**Emission category: M4**

MIF scaled E-field

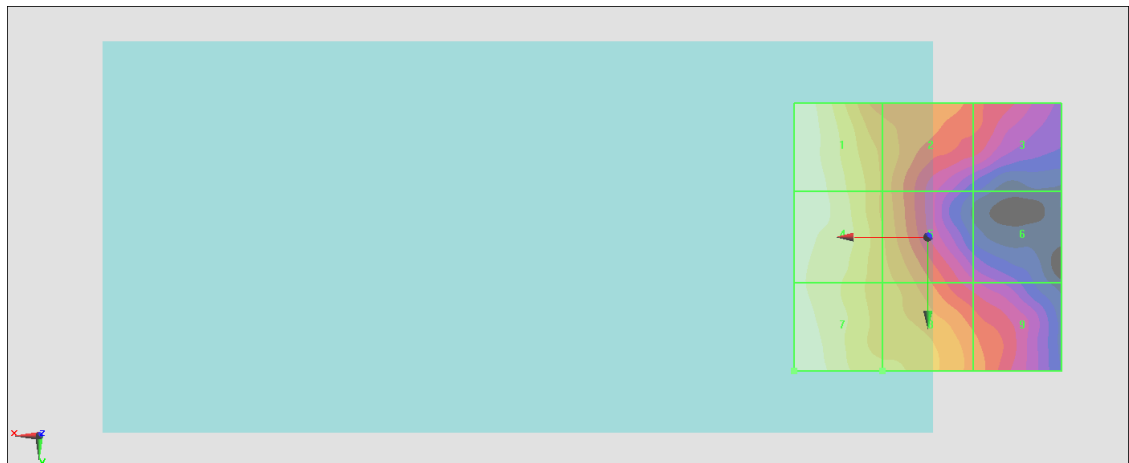
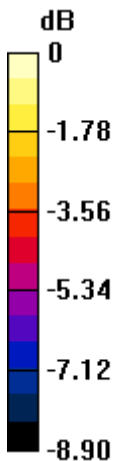
Grid 1 <b>M4</b> <b>20.93 dBV/m</b>	Grid 2 <b>M4</b> <b>18.5 dBV/m</b>	Grid 3 <b>M4</b> <b>17.1 dBV/m</b>
Grid 4 <b>M4</b> <b>20.71 dBV/m</b>	Grid 5 <b>M4</b> <b>18.81 dBV/m</b>	Grid 6 <b>M4</b> <b>15.82 dBV/m</b>
Grid 7 <b>M4</b> <b>20.97 dBV/m</b>	Grid 8 <b>M4</b> <b>19.34 dBV/m</b>	Grid 9 <b>M4</b> <b>17.82 dBV/m</b>

**Cursor:**

Total = 20.97 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 11.18 V/m = 20.97 dBV/m



### #33\_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 : 23.4 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.53 V/m; Power Drift = -0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 22.14 dBV/m

**Emission category: M4**

MIF scaled E-field

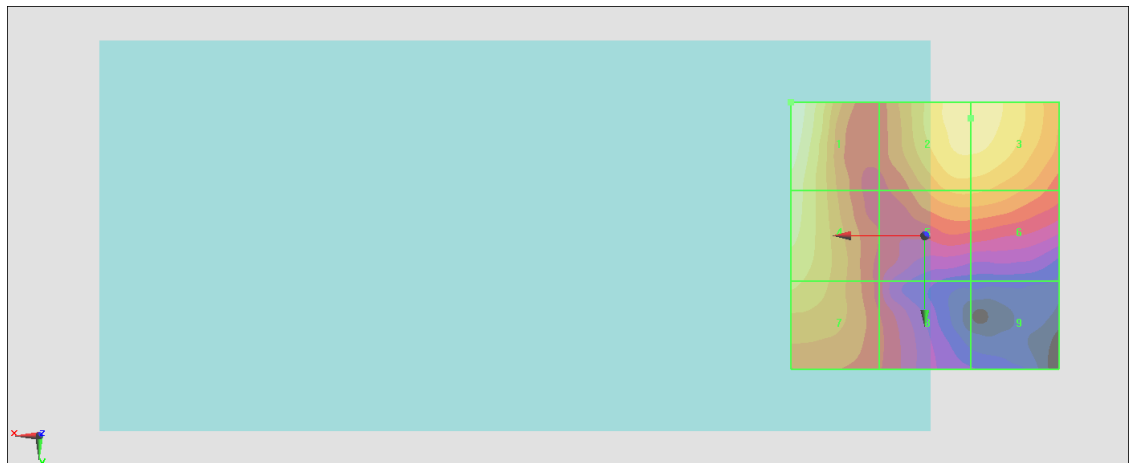
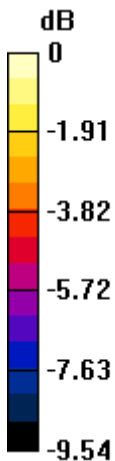
Grid 1 <b>M4</b> <b>22.14 dBV/m</b>	Grid 2 <b>M4</b> <b>21.2 dBV/m</b>	Grid 3 <b>M4</b> <b>21.2 dBV/m</b>
Grid 4 <b>M4</b> <b>21.34 dBV/m</b>	Grid 5 <b>M4</b> <b>19.78 dBV/m</b>	Grid 6 <b>M4</b> <b>19.75 dBV/m</b>
Grid 7 <b>M4</b> <b>20.4 dBV/m</b>	Grid 8 <b>M4</b> <b>17.86 dBV/m</b>	Grid 9 <b>M4</b> <b>15.26 dBV/m</b>

**Cursor:**

Total = 22.14 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 12.79 V/m = 22.14 dBV/m

**#34\_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: 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 : 23.4 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 3609 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.67 V/m; Power Drift = 0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.57 dBV/m

**Emission category: M4**

MIF scaled E-field

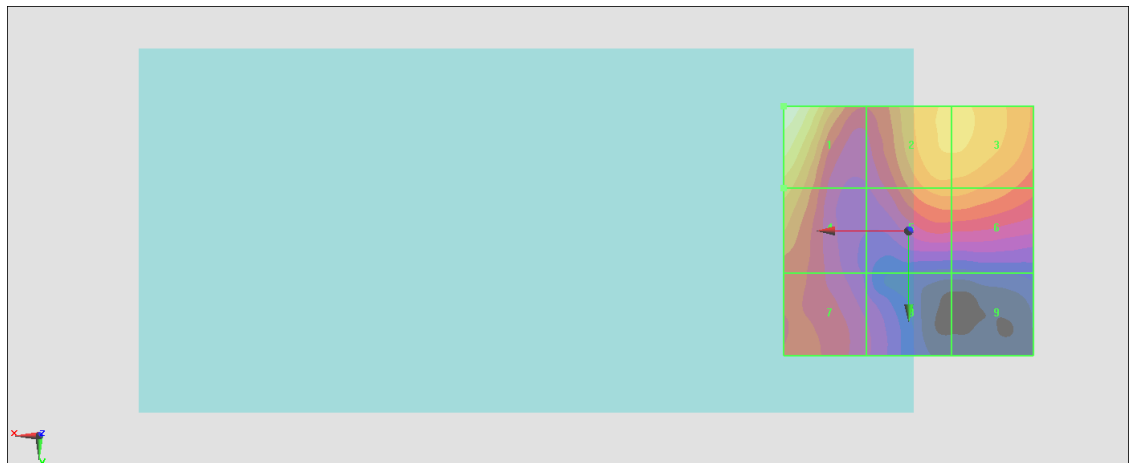
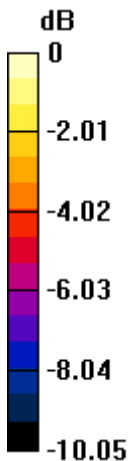
Grid 1 <b>M4</b> <b>24.57 dBV/m</b>	Grid 2 <b>M4</b> <b>22.75 dBV/m</b>	Grid 3 <b>M4</b> <b>22.76 dBV/m</b>
Grid 4 <b>M4</b> <b>22.22 dBV/m</b>	Grid 5 <b>M4</b> <b>21.58 dBV/m</b>	Grid 6 <b>M4</b> <b>21.55 dBV/m</b>
Grid 7 <b>M4</b> <b>20.21 dBV/m</b>	Grid 8 <b>M4</b> <b>18.73 dBV/m</b>	Grid 9 <b>M4</b> <b>16.82 dBV/m</b>

**Cursor:**

Total = 24.57 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 16.92 V/m = 24.57 dBV/m

### #35\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56150;Ant 7

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3641 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 : 23.4 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 3641 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.25 V/m; Power Drift = 0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.77 dBV/m

**Emission category: M4**

MIF scaled E-field

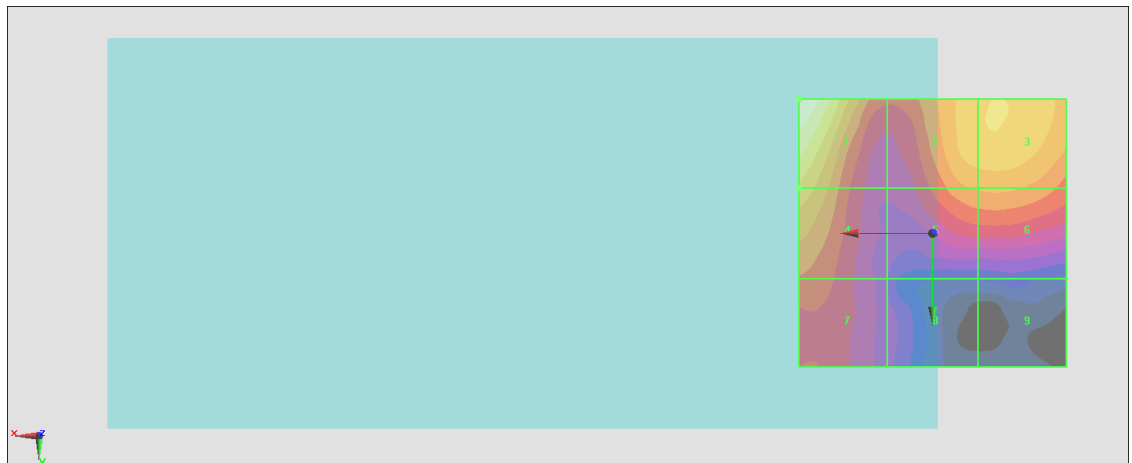
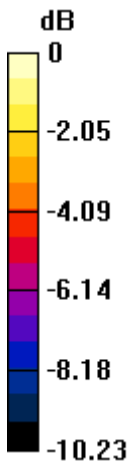
Grid 1 <b>M4</b> <b>24.77 dBV/m</b>	Grid 2 <b>M4</b> <b>22.64 dBV/m</b>	Grid 3 <b>M4</b> <b>22.78 dBV/m</b>
Grid 4 <b>M4</b> <b>22.59 dBV/m</b>	Grid 5 <b>M4</b> <b>21.45 dBV/m</b>	Grid 6 <b>M4</b> <b>21.54 dBV/m</b>
Grid 7 <b>M4</b> <b>20.64 dBV/m</b>	Grid 8 <b>M4</b> <b>18.32 dBV/m</b>	Grid 9 <b>M4</b> <b>17.02 dBV/m</b>

**Cursor:**

Total = 24.77 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 17.32 V/m = 24.77 dBV/m

### #36\_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 : 23.4 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 13.84 V/m; Power Drift = -0.14 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.79 dBV/m

**Emission category: M4**

MIF scaled E-field

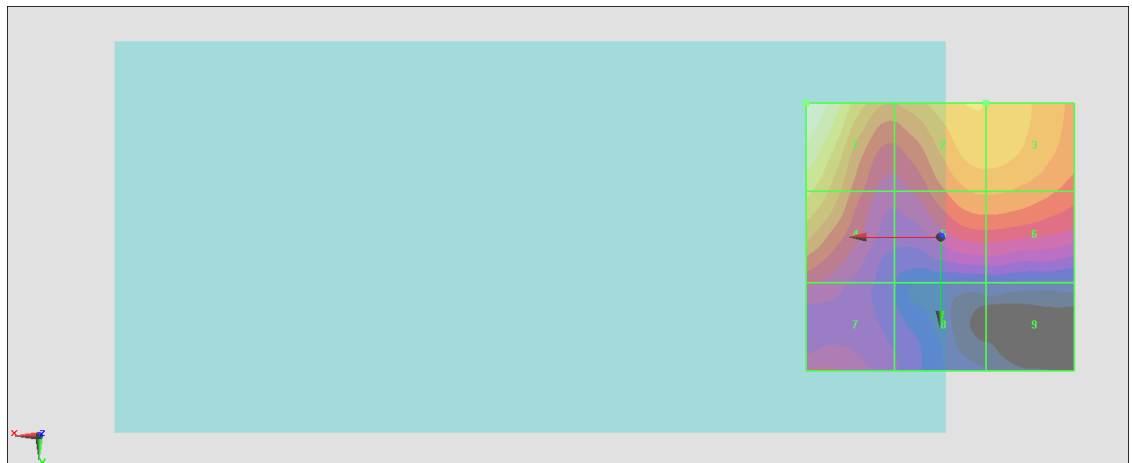
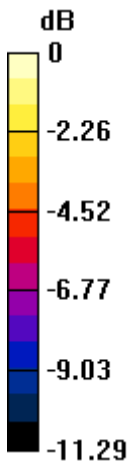
<b>Grid 1 M4</b> <b>25.79 dBV/m</b>	<b>Grid 2 M4</b> <b>23.59 dBV/m</b>	<b>Grid 3 M4</b> <b>23.53 dBV/m</b>
<b>Grid 4 M4</b> <b>23.75 dBV/m</b>	<b>Grid 5 M4</b> <b>22.13 dBV/m</b>	<b>Grid 6 M4</b> <b>22.13 dBV/m</b>
<b>Grid 7 M4</b> <b>20.01 dBV/m</b>	<b>Grid 8 M4</b> <b>18.43 dBV/m</b>	<b>Grid 9 M4</b> <b>16.91 dBV/m</b>

**Cursor:**

Total = 25.79 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 19.47 V/m = 25.79 dBV/m

### #37\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch1;Ant 3

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 : 23.4 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 19.42 V/m; Power Drift = -0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 27.12 dBV/m

**Emission category: M4**

MIF scaled E-field

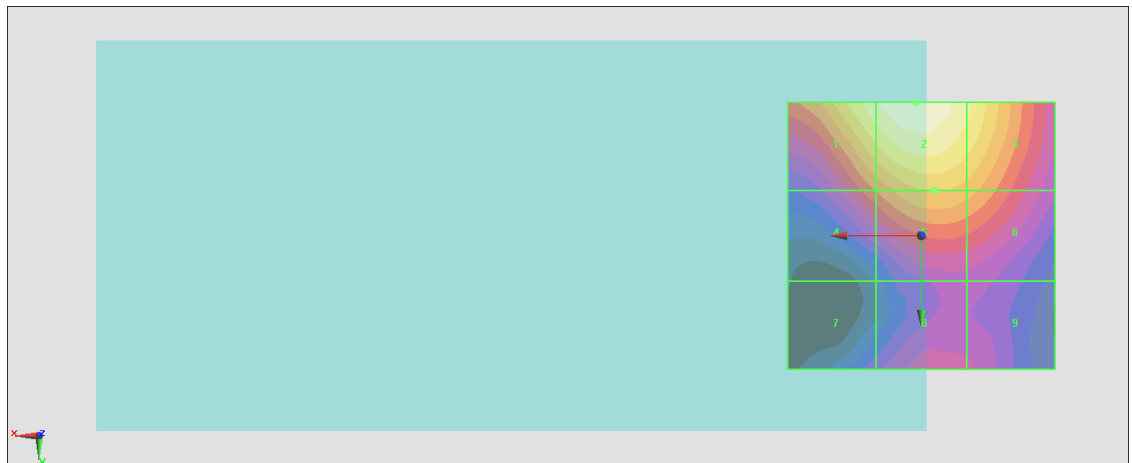
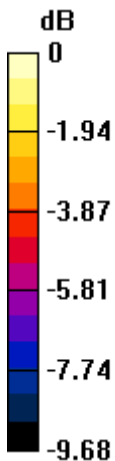
Grid 1 <b>M4</b> <b>26.4 dBV/m</b>	Grid 2 <b>M4</b> <b>27.12 dBV/m</b>	Grid 3 <b>M4</b> <b>26.05 dBV/m</b>
Grid 4 <b>M4</b> <b>23.31 dBV/m</b>	Grid 5 <b>M4</b> <b>24.62 dBV/m</b>	Grid 6 <b>M4</b> <b>24.23 dBV/m</b>
Grid 7 <b>M4</b> <b>20.56 dBV/m</b>	Grid 8 <b>M4</b> <b>21.69 dBV/m</b>	Grid 9 <b>M4</b> <b>21.49 dBV/m</b>

**Cursor:**

Total = 27.12 dBV/m

E Category: M4

Location: 1, -25, 8.7 mm



0 dB = 22.71 V/m = 27.12 dBV/m

### #38\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch6;Ant 3

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 : 23.4 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 26.13 V/m; Power Drift = -0.05 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.29 dBV/m

**Emission category: M4**

MIF scaled E-field

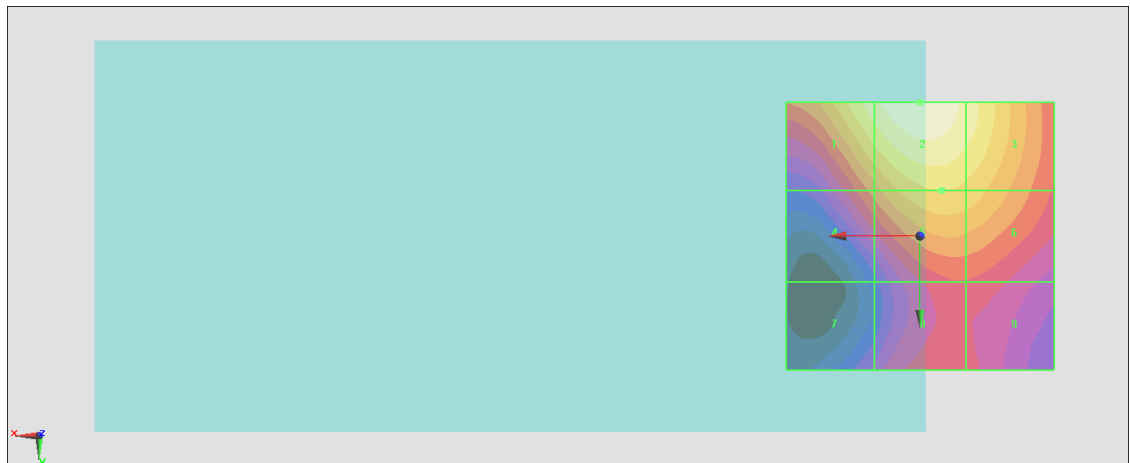
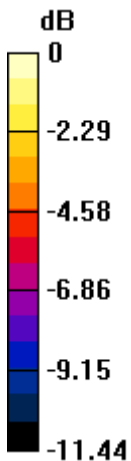
Grid 1 <b>M4</b> <b>28.34 dBV/m</b>	Grid 2 <b>M4</b> <b>29.29 dBV/m</b>	Grid 3 <b>M4</b> <b>28.31 dBV/m</b>
Grid 4 <b>M4</b> <b>25.11 dBV/m</b>	Grid 5 <b>M4</b> <b>27 dBV/m</b>	Grid 6 <b>M4</b> <b>26.77 dBV/m</b>
Grid 7 <b>M4</b> <b>22.03 dBV/m</b>	Grid 8 <b>M4</b> <b>23.93 dBV/m</b>	Grid 9 <b>M4</b> <b>23.91 dBV/m</b>

**Cursor:**

Total = 29.29 dBV/m

E Category: M4

Location: 0, -25, 8.7 mm



0 dB = 29.13 V/m = 29.29 dBV/m

### #39\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch11;Ant 3

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 : 23.4 °C

**DASY5 Configuration**

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- 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 = 22.07 V/m; Power Drift = -0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 27.57 dBV/m

**Emission category: M4**

MIF scaled E-field

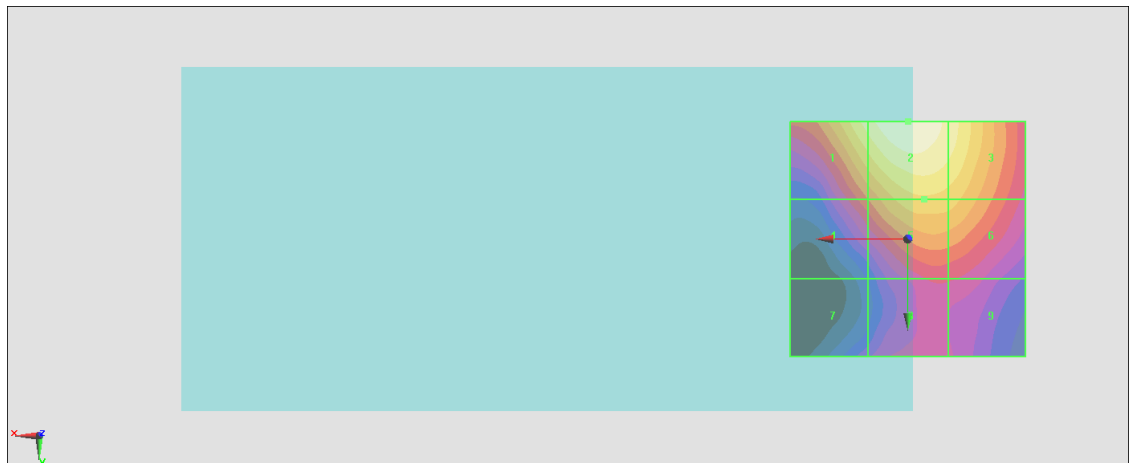
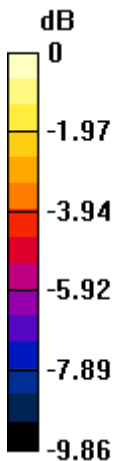
Grid 1 <b>M4</b> <b>26.63 dBV/m</b>	Grid 2 <b>M4</b> <b>27.57 dBV/m</b>	Grid 3 <b>M4</b> <b>26.72 dBV/m</b>
Grid 4 <b>M4</b> <b>23.64 dBV/m</b>	Grid 5 <b>M4</b> <b>25.48 dBV/m</b>	Grid 6 <b>M4</b> <b>25.27 dBV/m</b>
Grid 7 <b>M4</b> <b>20.91 dBV/m</b>	Grid 8 <b>M4</b> <b>22.46 dBV/m</b>	Grid 9 <b>M4</b> <b>22.42 dBV/m</b>

**Cursor:**

Total = 27.57 dBV/m

E Category: M4

Location: 0, -25, 8.7 mm



0 dB = 23.89 V/m = 27.56 dBV/m