

### #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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 57.73 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.03 dBV/m

**Emission category: M4**

MIF scaled E-field

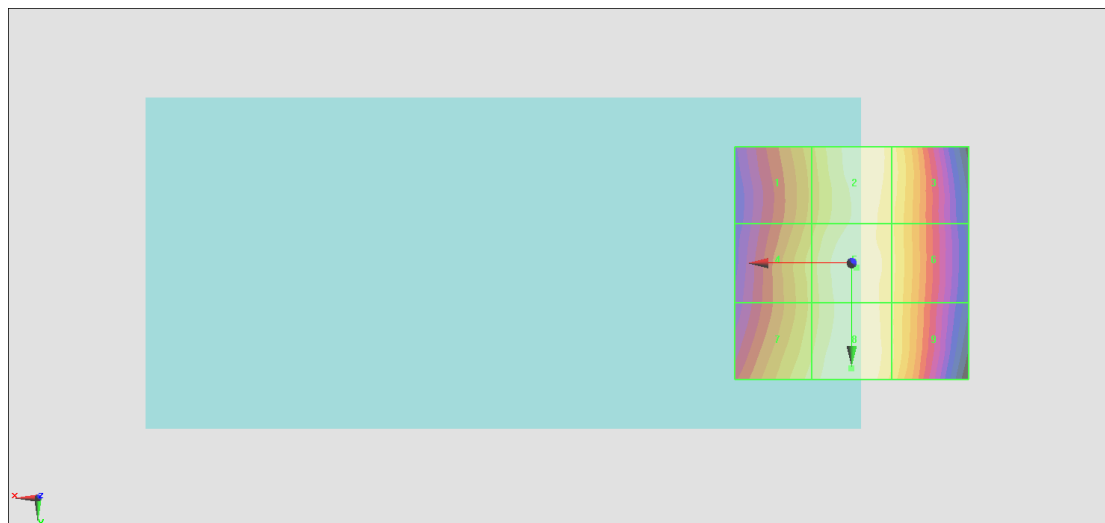
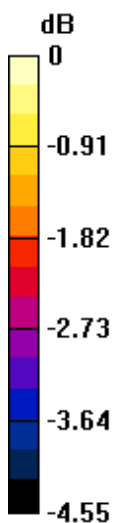
<b>Grid 1 M4</b> <b>35.06 dBV/m</b>	<b>Grid 2 M4</b> <b>35.92 dBV/m</b>	<b>Grid 3 M4</b> <b>35.62 dBV/m</b>
<b>Grid 4 M4</b> <b>35.3 dBV/m</b>	<b>Grid 5 M4</b> <b>35.96 dBV/m</b>	<b>Grid 6 M4</b> <b>35.54 dBV/m</b>
<b>Grid 7 M4</b> <b>35.57 dBV/m</b>	<b>Grid 8 M4</b> <b>36.03 dBV/m</b>	<b>Grid 9 M4</b> <b>35.51 dBV/m</b>

**Cursor:**

Total = 36.03 dBV/m

E Category: M4

Location: 0, 22.5, 8.7 mm



0 dB = 63.29 V/m = 36.03 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 : 23.5 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 55.75 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.84 dBV/m

**Emission category: M4**

MIF scaled E-field

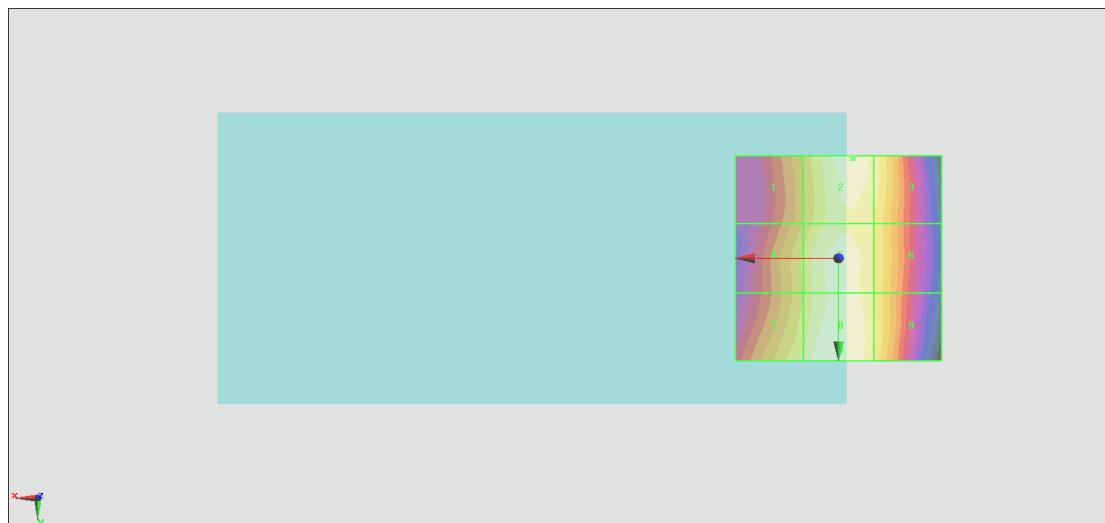
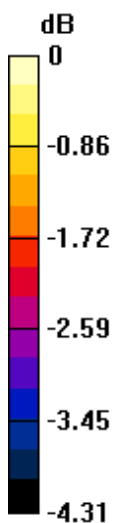
Grid 1 <b>M4</b> <b>34.76 dBV/m</b>	Grid 2 <b>M4</b> <b>35.71 dBV/m</b>	Grid 3 <b>M4</b> <b>35.47 dBV/m</b>
Grid 4 <b>M4</b> <b>35.05 dBV/m</b>	Grid 5 <b>M4</b> <b>35.67 dBV/m</b>	Grid 6 <b>M4</b> <b>35.29 dBV/m</b>
Grid 7 <b>M4</b> <b>35.38 dBV/m</b>	Grid 8 <b>M4</b> <b>35.84 dBV/m</b>	Grid 9 <b>M4</b> <b>35.35 dBV/m</b>

**Cursor:**

Total = 35.84 dBV/m

E Category: M4

Location: -0.5, 22.5, 8.7 mm



0 dB = 61.91 V/m = 35.84 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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 61.30 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.83 dBV/m

**Emission category: M4**

MIF scaled E-field

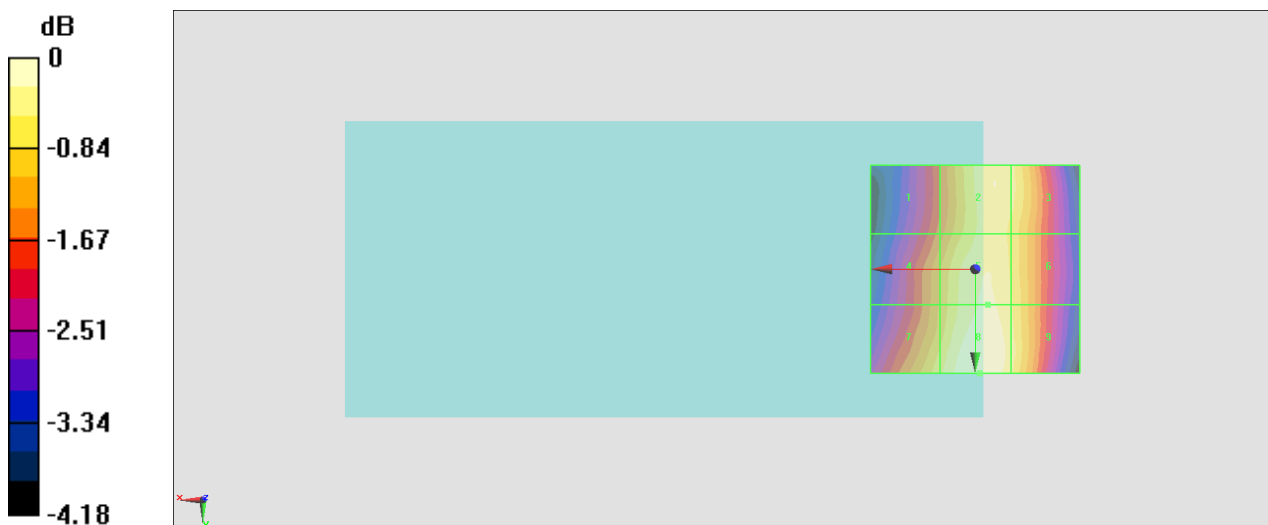
Grid 1 <b>M4</b> <b>35.31 dBV/m</b>	Grid 2 <b>M4</b> <b>36.56 dBV/m</b>	Grid 3 <b>M4</b> <b>36.4 dBV/m</b>
Grid 4 <b>M4</b> <b>35.75 dBV/m</b>	Grid 5 <b>M4</b> <b>36.6 dBV/m</b>	Grid 6 <b>M4</b> <b>36.32 dBV/m</b>
Grid 7 <b>M4</b> <b>36.21 dBV/m</b>	Grid 8 <b>M4</b> <b>36.83 dBV/m</b>	Grid 9 <b>M4</b> <b>36.44 dBV/m</b>

**Cursor:**

Total = 36.83 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 69.46 V/m = 36.83 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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 78.51 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 42.73 dBV/m

**Emission category: M3**

MIF scaled E-field

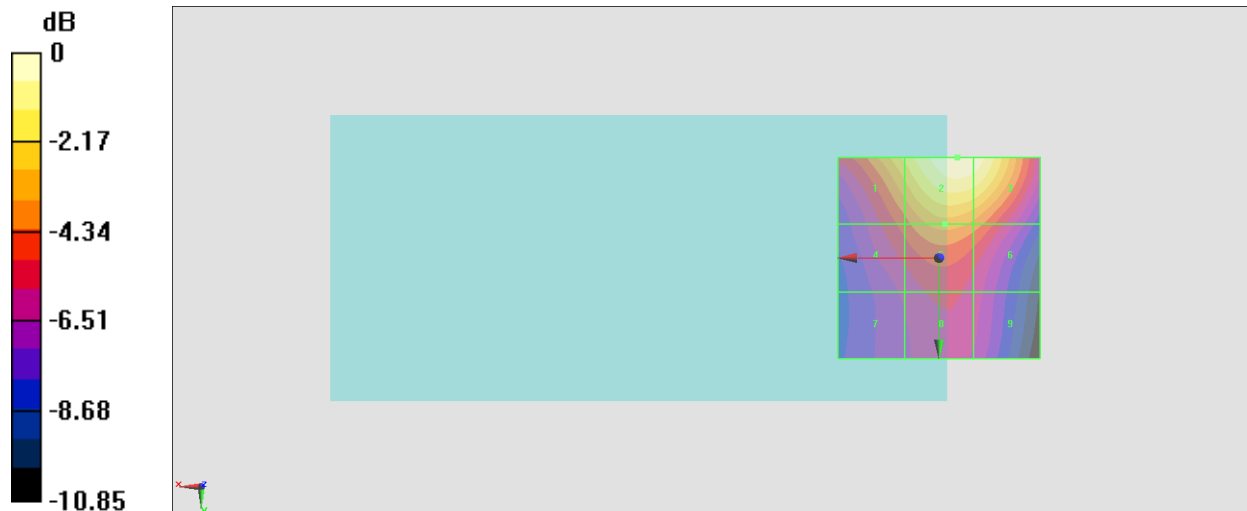
Grid 1 <b>M3</b> <b>40.75 dBV/m</b>	Grid 2 <b>M3</b> <b>42.73 dBV/m</b>	Grid 3 <b>M3</b> <b>42.54 dBV/m</b>
Grid 4 <b>M4</b> <b>38.11 dBV/m</b>	Grid 5 <b>M4</b> <b>39.5 dBV/m</b>	Grid 6 <b>M4</b> <b>38.91 dBV/m</b>
Grid 7 <b>M4</b> <b>36.43 dBV/m</b>	Grid 8 <b>M4</b> <b>37.14 dBV/m</b>	Grid 9 <b>M4</b> <b>36.67 dBV/m</b>

**Cursor:**

Total = 42.73 dBV/m

E Category: M3

Location: -4.5, -25, 8.7 mm



0 dB = 136.9 V/m = 42.73 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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 73.36 V/m; Power Drift = -0.17 dB

Applied MIF = 3.63 dB

RF audio interference level = 42.43 dBV/m

**Emission category: M3**

MIF scaled E-field

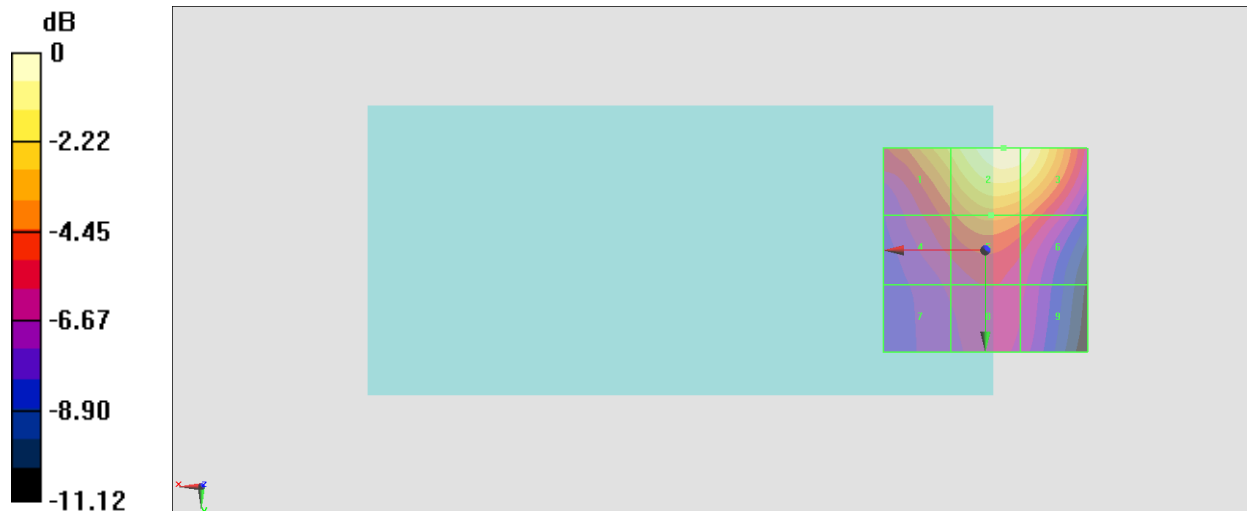
Grid 1 <b>M3</b> <b>40.45 dBV/m</b>	Grid 2 <b>M3</b> <b>42.43 dBV/m</b>	Grid 3 <b>M3</b> <b>42.22 dBV/m</b>
Grid 4 <b>M4</b> <b>37.73 dBV/m</b>	Grid 5 <b>M4</b> <b>39.06 dBV/m</b>	Grid 6 <b>M4</b> <b>38.46 dBV/m</b>
Grid 7 <b>M4</b> <b>35.97 dBV/m</b>	Grid 8 <b>M4</b> <b>36.54 dBV/m</b>	Grid 9 <b>M4</b> <b>36.04 dBV/m</b>

**Cursor:**

Total = 42.43 dBV/m

E Category: M3

Location: -4.5, -25, 8.7 mm



0 dB = 132.3 V/m = 42.43 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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 65.01 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 41.46 dBV/m

**Emission category: M3**

MIF scaled E-field

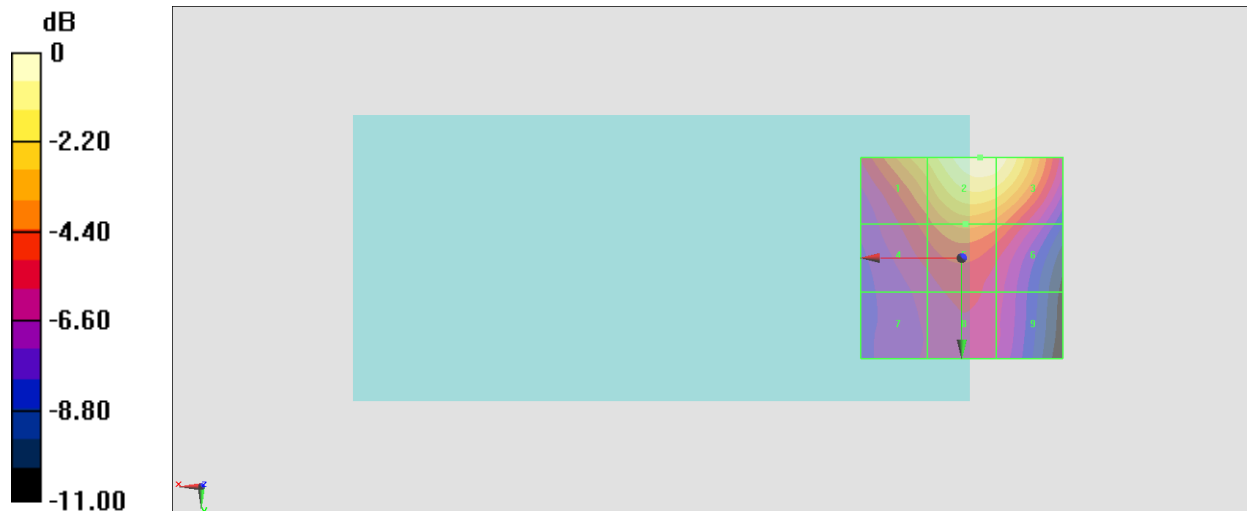
Grid 1 <b>M4</b> <b>39.47 dBV/m</b>	Grid 2 <b>M3</b> <b>41.46 dBV/m</b>	Grid 3 <b>M3</b> <b>41.27 dBV/m</b>
Grid 4 <b>M4</b> <b>36.81 dBV/m</b>	Grid 5 <b>M4</b> <b>38.07 dBV/m</b>	Grid 6 <b>M4</b> <b>37.45 dBV/m</b>
Grid 7 <b>M4</b> <b>35.27 dBV/m</b>	Grid 8 <b>M4</b> <b>35.77 dBV/m</b>	Grid 9 <b>M4</b> <b>35.23 dBV/m</b>

**Cursor:**

Total = 41.46 dBV/m

E Category: M3

Location: -4.5, -25, 8.7 mm



0 dB = 118.3 V/m = 41.46 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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 32.56 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.80 dBV/m

**Emission category: M3**

MIF scaled E-field

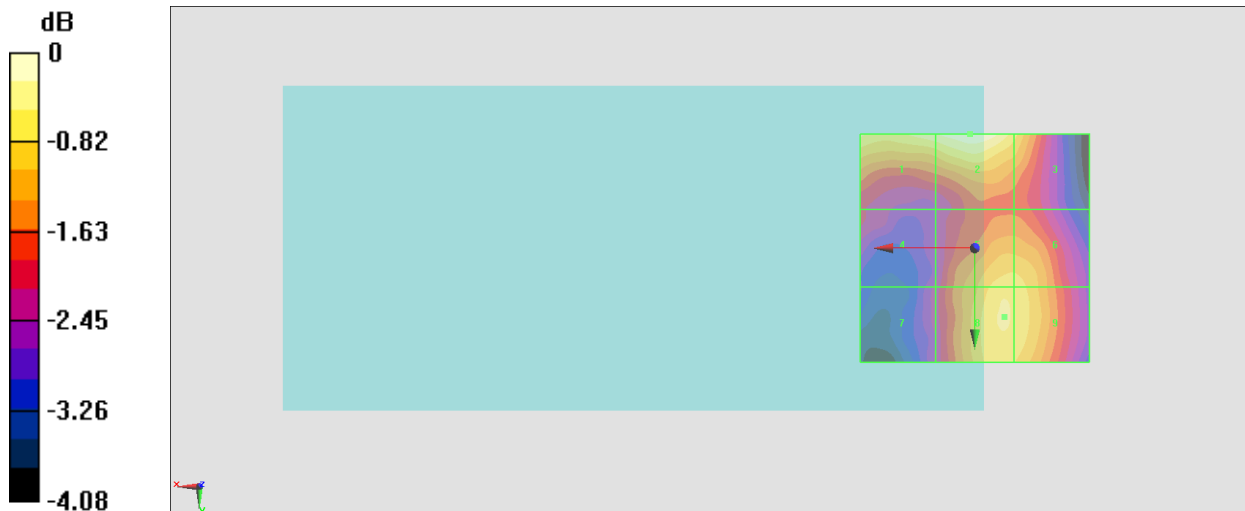
Grid 1 <b>M3</b> <b>31.54 dBV/m</b>	Grid 2 <b>M3</b> <b>31.8 dBV/m</b>	Grid 3 <b>M3</b> <b>31.15 dBV/m</b>
Grid 4 <b>M4</b> <b>29.72 dBV/m</b>	Grid 5 <b>M3</b> <b>31.17 dBV/m</b>	Grid 6 <b>M3</b> <b>31.14 dBV/m</b>
Grid 7 <b>M4</b> <b>29.55 dBV/m</b>	Grid 8 <b>M3</b> <b>31.29 dBV/m</b>	Grid 9 <b>M3</b> <b>31.23 dBV/m</b>

**Cursor:**

Total = 31.80 dBV/m

E Category: M3

Location: 1, -25, 8.7 mm



0 dB = 38.92 V/m = 31.80 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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 32.98 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.94 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M3</b> <b>32.91 dBV/m</b>	Grid 2 <b>M3</b> <b>32.94 dBV/m</b>	Grid 3 <b>M3</b> <b>32.31 dBV/m</b>
Grid 4 <b>M4</b> <b>29.92 dBV/m</b>	Grid 5 <b>M3</b> <b>31.19 dBV/m</b>	Grid 6 <b>M3</b> <b>31.16 dBV/m</b>
Grid 7 <b>M4</b> <b>29.56 dBV/m</b>	Grid 8 <b>M3</b> <b>31.29 dBV/m</b>	Grid 9 <b>M3</b> <b>31.23 dBV/m</b>

**Cursor:**

Total = 32.94 dBV/m

E Category: M3

Location: 0, -25, 8.7 mm



0 dB = 44.37 V/m = 32.94 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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 29.57 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.92 dBV/m

**Emission category: M3**

MIF scaled E-field

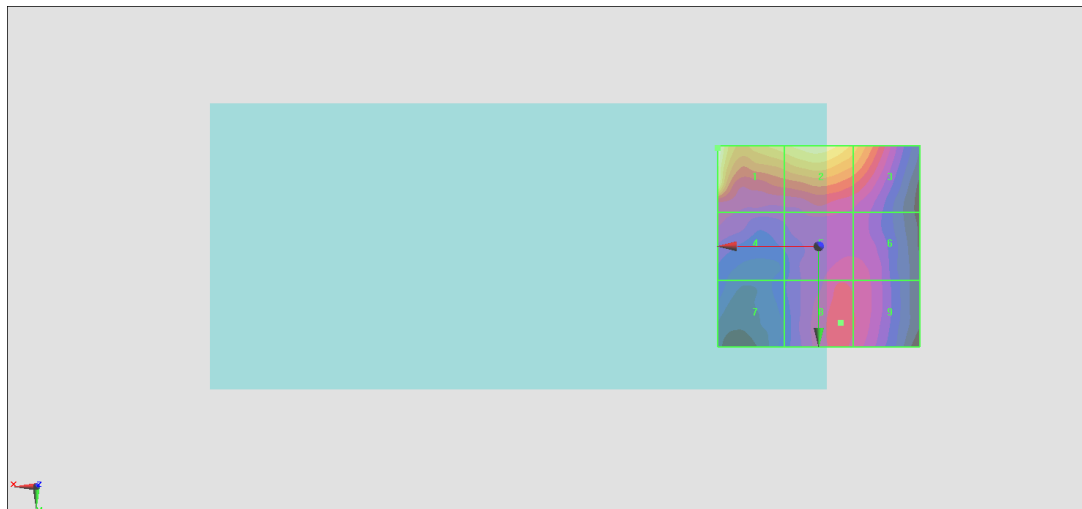
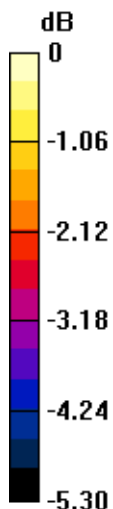
Grid 1 <b>M3</b> 32.92 dBV/m	Grid 2 <b>M3</b> 32.5 dBV/m	Grid 3 <b>M3</b> 31.75 dBV/m
Grid 4 <b>M4</b> 29.82 dBV/m	Grid 5 <b>M3</b> 30.08 dBV/m	Grid 6 <b>M3</b> 30.03 dBV/m
Grid 7 <b>M4</b> 29.06 dBV/m	Grid 8 <b>M3</b> 30.24 dBV/m	Grid 9 <b>M3</b> 30.15 dBV/m

**Cursor:**

Total = 32.92 dBV/m

E Category: M3

Location: 25, -24.5, 8.7 mm



0 dB = 44.28 V/m = 32.92 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 : 23.5 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.650 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.40 dBV/m

**Emission category: M4**

MIF scaled E-field

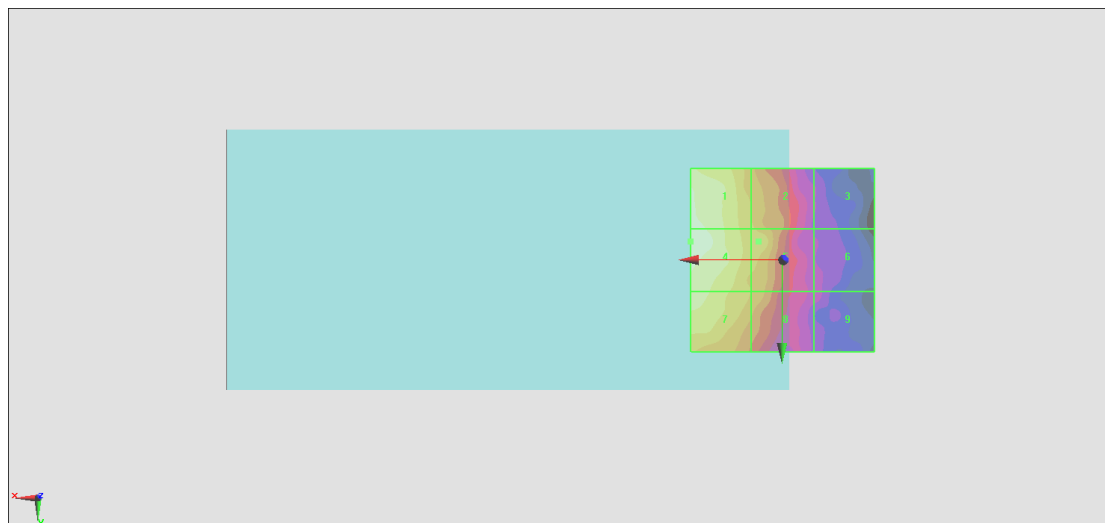
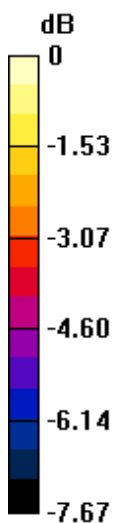
Grid 1 <b>M4</b> <b>24.1 dBV/m</b>	Grid 2 <b>M4</b> <b>22.48 dBV/m</b>	Grid 3 <b>M4</b> <b>19.41 dBV/m</b>
Grid 4 <b>M4</b> <b>24.4 dBV/m</b>	Grid 5 <b>M4</b> <b>22.78 dBV/m</b>	Grid 6 <b>M4</b> <b>19.62 dBV/m</b>
Grid 7 <b>M4</b> <b>23.78 dBV/m</b>	Grid 8 <b>M4</b> <b>22.34 dBV/m</b>	Grid 9 <b>M4</b> <b>19.62 dBV/m</b>

**Cursor:**

Total = 24.40 dBV/m

E Category: M4

Location: 25, -5, 8.7 mm



0 dB = 16.59 V/m = 24.40 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 : 23.5 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.11 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.07 dBV/m

**Emission category: M4**

MIF scaled E-field

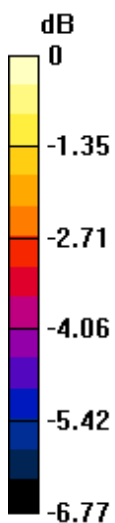
Grid 1 <b>M4</b> <b>28.07 dBV/m</b>	Grid 2 <b>M4</b> <b>23.45 dBV/m</b>	Grid 3 <b>M4</b> <b>23.24 dBV/m</b>
Grid 4 <b>M4</b> <b>27.43 dBV/m</b>	Grid 5 <b>M4</b> <b>25.26 dBV/m</b>	Grid 6 <b>M4</b> <b>25.16 dBV/m</b>
Grid 7 <b>M4</b> <b>26.8 dBV/m</b>	Grid 8 <b>M4</b> <b>27.14 dBV/m</b>	Grid 9 <b>M4</b> <b>26.62 dBV/m</b>

**Cursor:**

Total = 28.07 dBV/m

E Category: M4

Location: 25, -11.5, 8.7 mm



0 dB = 25.33 V/m = 28.07 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 : 23.5 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.65 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.22 dBV/m

**Emission category: M4**

MIF scaled E-field

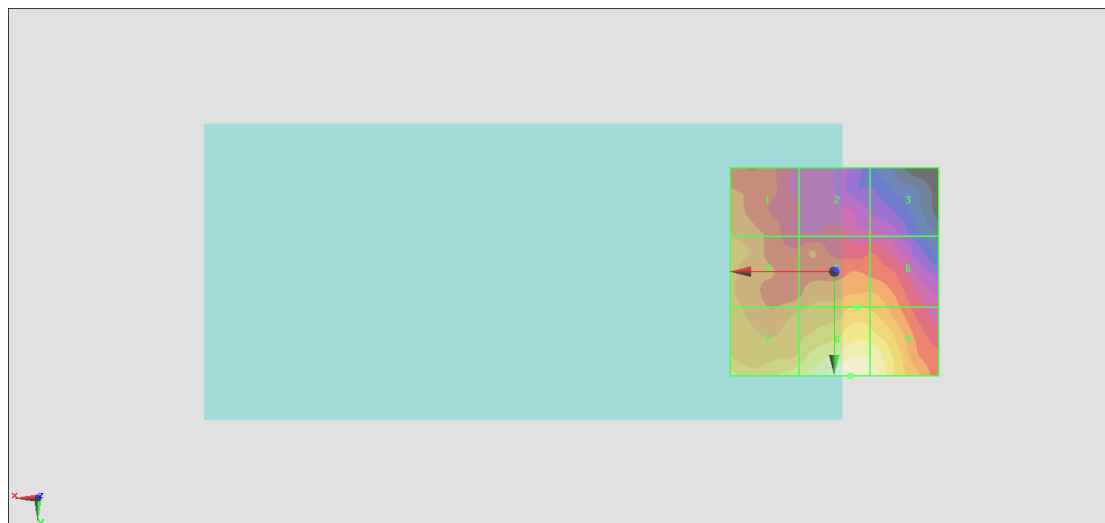
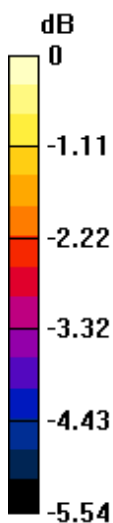
Grid 1 <b>M4</b> <b>24.41 dBV/m</b>	Grid 2 <b>M4</b> <b>23.52 dBV/m</b>	Grid 3 <b>M4</b> <b>23.07 dBV/m</b>
Grid 4 <b>M4</b> <b>24.66 dBV/m</b>	Grid 5 <b>M4</b> <b>24.81 dBV/m</b>	Grid 6 <b>M4</b> <b>24.72 dBV/m</b>
Grid 7 <b>M4</b> <b>25.49 dBV/m</b>	Grid 8 <b>M4</b> <b>26.22 dBV/m</b>	Grid 9 <b>M4</b> <b>26.02 dBV/m</b>

**Cursor:**

Total = 26.22 dBV/m

E Category: M4

Location: -4, 25, 8.7 mm



0 dB = 20.48 V/m = 26.23 dBV/m

### #13\_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: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.81 V/m; Power Drift = 0.12 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.73 dBV/m

**Emission category: M4**

MIF scaled E-field

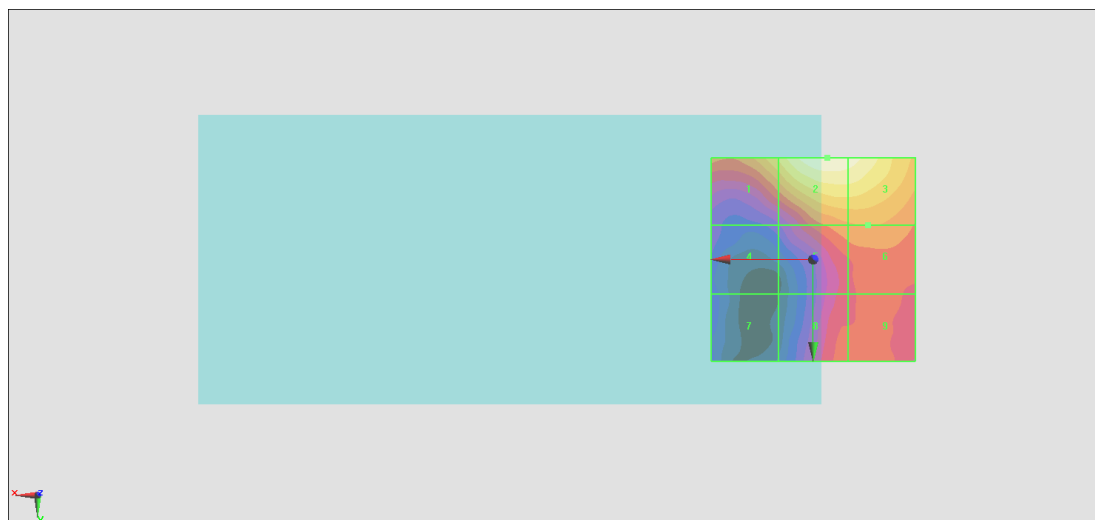
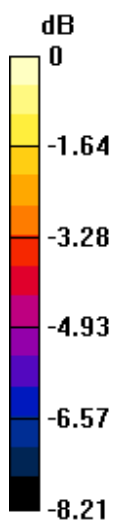
Grid 1 <b>M4</b> <b>23.24 dBV/m</b>	Grid 2 <b>M4</b> <b>24.73 dBV/m</b>	Grid 3 <b>M4</b> <b>24.51 dBV/m</b>
Grid 4 <b>M4</b> <b>19.25 dBV/m</b>	Grid 5 <b>M4</b> <b>21.92 dBV/m</b>	Grid 6 <b>M4</b> <b>22.04 dBV/m</b>
Grid 7 <b>M4</b> <b>18.79 dBV/m</b>	Grid 8 <b>M4</b> <b>21.11 dBV/m</b>	Grid 9 <b>M4</b> <b>21.16 dBV/m</b>

**Cursor:**

Total = 24.73 dBV/m

E Category: M4

Location: -3.5, -25, 8.7 mm



0 dB = 17.24 V/m = 24.73 dBV/m

### #14\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.30 V/m; Power Drift = 0.10 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.21 dBV/m

**Emission category: M4**

MIF scaled E-field

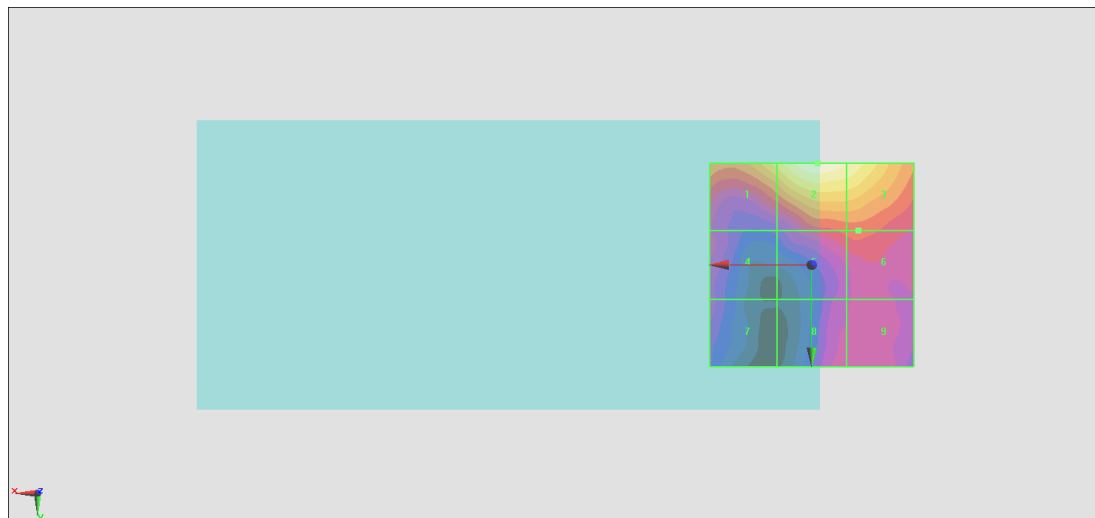
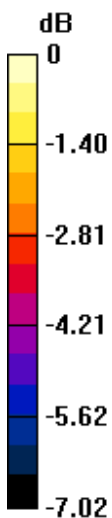
Grid 1 M4 <b>23.08 dBV/m</b>	Grid 2 M4 <b>24.21 dBV/m</b>	Grid 3 M4 <b>23.8 dBV/m</b>
Grid 4 M4 <b>20.24 dBV/m</b>	Grid 5 M4 <b>21.11 dBV/m</b>	Grid 6 M4 <b>21.17 dBV/m</b>
Grid 7 M4 <b>19.84 dBV/m</b>	Grid 8 M4 <b>20.26 dBV/m</b>	Grid 9 M4 <b>20.38 dBV/m</b>

**Cursor:**

Total = 24.21 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



0 dB = 16.25 V/m = 24.22 dBV/m

### #15\_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: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.50 V/m; Power Drift = 0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.01 dBV/m

**Emission category: M4**

MIF scaled E-field

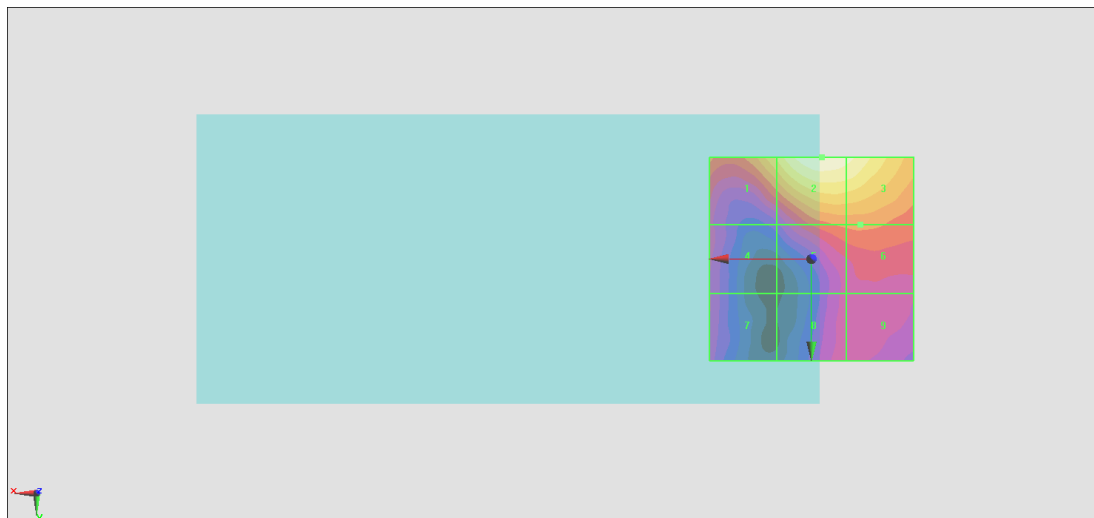
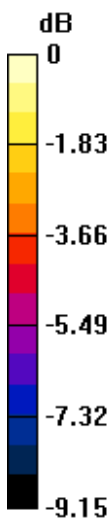
Grid 1 M4 <b>24.34 dBV/m</b>	Grid 2 M4 <b>26.01 dBV/m</b>	Grid 3 M4 <b>25.65 dBV/m</b>
Grid 4 M4 <b>20.92 dBV/m</b>	Grid 5 M4 <b>22.52 dBV/m</b>	Grid 6 M4 <b>22.58 dBV/m</b>
Grid 7 M4 <b>20.61 dBV/m</b>	Grid 8 M4 <b>20.81 dBV/m</b>	Grid 9 M4 <b>21.02 dBV/m</b>

**Cursor:**

Total = 26.01 dBV/m

E Category: M4

Location: -2.5, -25, 8.7 mm



0 dB = 19.98 V/m = 26.01 dBV/m

### #16\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.53 V/m; Power Drift = 0.12 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.00 dBV/m

**Emission category: M4**

MIF scaled E-field

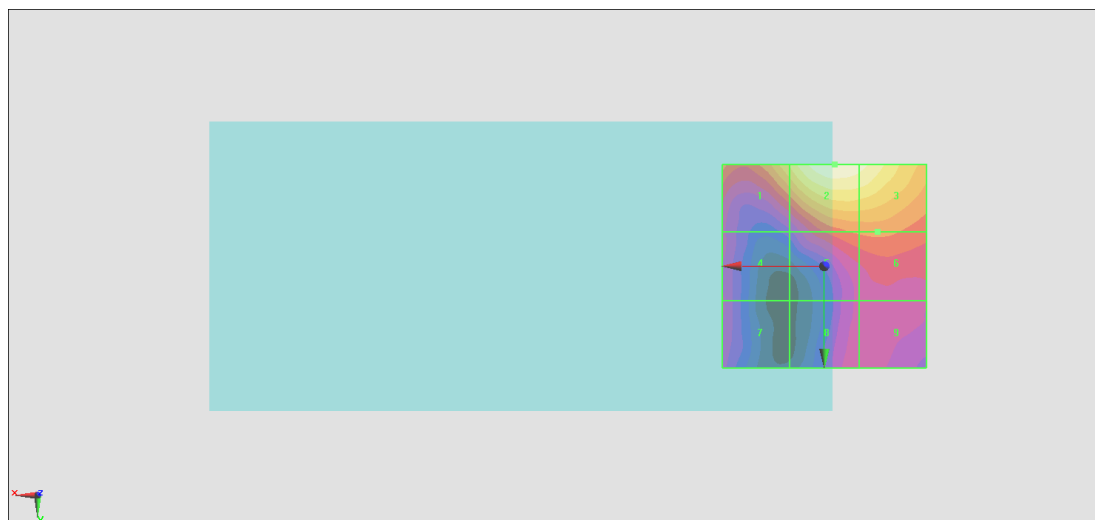
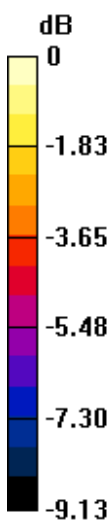
Grid 1 M4 <b>24.3 dBV/m</b>	Grid 2 M4 <b>26 dBV/m</b>	Grid 3 M4 <b>25.65 dBV/m</b>
Grid 4 M4 <b>20.79 dBV/m</b>	Grid 5 M4 <b>22.48 dBV/m</b>	Grid 6 M4 <b>22.57 dBV/m</b>
Grid 7 M4 <b>20.67 dBV/m</b>	Grid 8 M4 <b>20.82 dBV/m</b>	Grid 9 M4 <b>20.89 dBV/m</b>

**Cursor:**

Total = 26.00 dBV/m

E Category: M4

Location: -2.5, -25, 8.7 mm



0 dB = 19.95 V/m = 26.00 dBV/m



### #17\_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: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.56 V/m; Power Drift = 0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.78 dBV/m

**Emission category: M4**

MIF scaled E-field

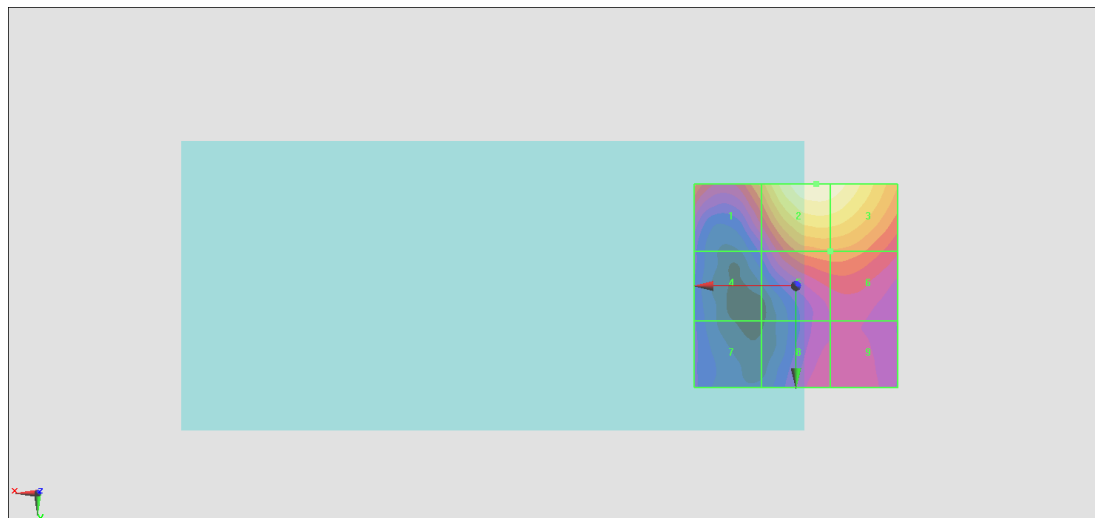
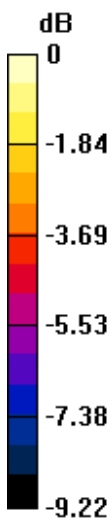
Grid 1 M4 <b>23.98 dBV/m</b>	Grid 2 M4 <b>26.78 dBV/m</b>	Grid 3 M4 <b>26.6 dBV/m</b>
Grid 4 M4 <b>20.31 dBV/m</b>	Grid 5 M4 <b>23.61 dBV/m</b>	Grid 6 M4 <b>23.61 dBV/m</b>
Grid 7 M4 <b>20.28 dBV/m</b>	Grid 8 M4 <b>21.81 dBV/m</b>	Grid 9 M4 <b>21.76 dBV/m</b>

**Cursor:**

Total = 26.78 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 21.83 V/m = 26.78 dBV/m

**#18\_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: 1:8.8736

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.35 V/m; Power Drift = 0.11 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.96 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>23.33 dBV/m</b>	Grid 2 <b>M4</b> <b>24.96 dBV/m</b>	Grid 3 <b>M4</b> <b>24.78 dBV/m</b>
Grid 4 <b>M4</b> <b>19.26 dBV/m</b>	Grid 5 <b>M4</b> <b>22.03 dBV/m</b>	Grid 6 <b>M4</b> <b>22.19 dBV/m</b>
Grid 7 <b>M4</b> <b>18.94 dBV/m</b>	Grid 8 <b>M4</b> <b>21.32 dBV/m</b>	Grid 9 <b>M4</b> <b>21.41 dBV/m</b>

**Cursor:**

Total = 24.96 dBV/m

E Category: M4

Location: -3, -25, 8.7 mm



0 dB = 17.71 V/m = 24.96 dBV/m

**#19\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40185;Ant 0\_HPUE**

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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.51 V/m; Power Drift = 0.14 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.63 dBV/m

**Emission category: M4**

MIF scaled E-field

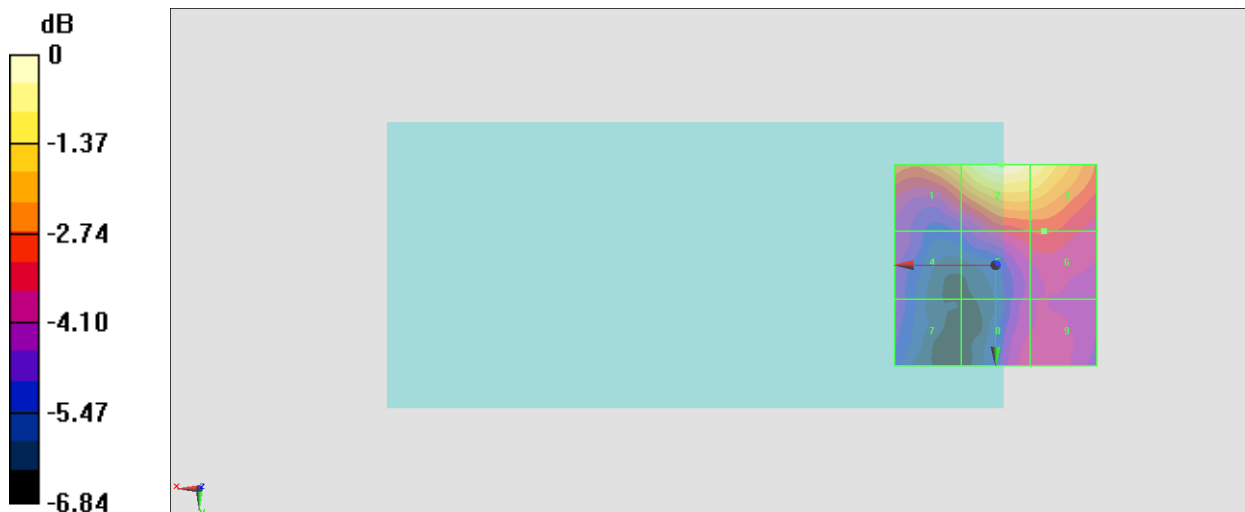
Grid 1 <b>M4</b> <b>23.42 dBV/m</b>	Grid 2 <b>M4</b> <b>24.63 dBV/m</b>	Grid 3 <b>M4</b> <b>24.24 dBV/m</b>
Grid 4 <b>M4</b> <b>20.54 dBV/m</b>	Grid 5 <b>M4</b> <b>21.48 dBV/m</b>	Grid 6 <b>M4</b> <b>21.54 dBV/m</b>
Grid 7 <b>M4</b> <b>20.27 dBV/m</b>	Grid 8 <b>M4</b> <b>20.7 dBV/m</b>	Grid 9 <b>M4</b> <b>20.77 dBV/m</b>

**Cursor:**

Total = 24.63 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



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

## #20\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40620;Ant 0\_HPUE

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

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.86 V/m; Power Drift = 0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.34 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.7 dBV/m</b>	Grid 2 <b>M4</b> <b>26.34 dBV/m</b>	Grid 3 <b>M4</b> <b>26.02 dBV/m</b>
Grid 4 <b>M4</b> <b>21.04 dBV/m</b>	Grid 5 <b>M4</b> <b>22.82 dBV/m</b>	Grid 6 <b>M4</b> <b>22.87 dBV/m</b>
Grid 7 <b>M4</b> <b>20.95 dBV/m</b>	Grid 8 <b>M4</b> <b>21.13 dBV/m</b>	Grid 9 <b>M4</b> <b>21.22 dBV/m</b>

**Cursor:**

Total = 26.34 dBV/m

E Category: M4

Location: -2, -25, 8.7 mm



0 dB = 20.76 V/m = 26.34 dBV/m

### #21\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41055;Ant 0\_HPUE

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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.18 V/m; Power Drift = 0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.16 dBV/m

**Emission category: M4**

MIF scaled E-field

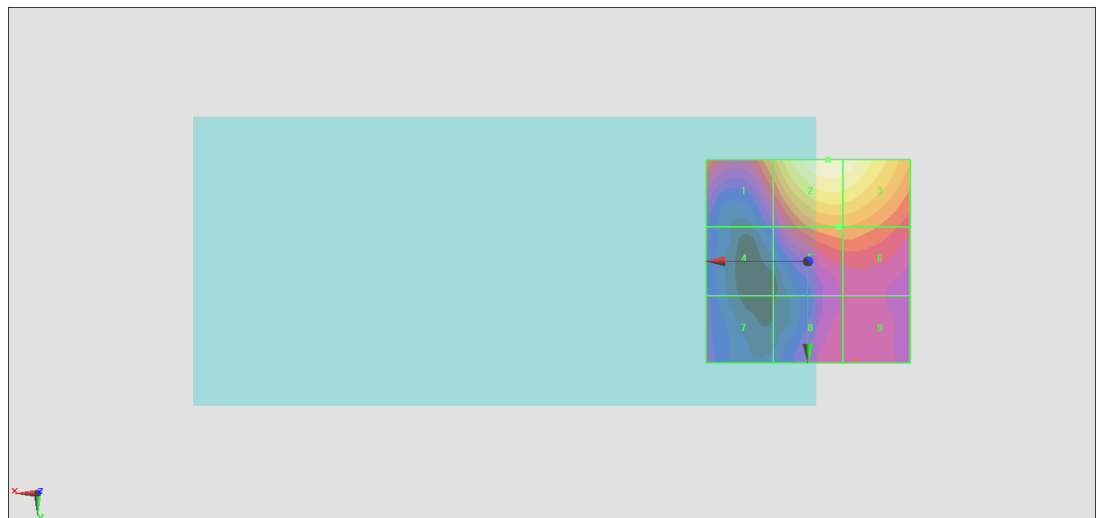
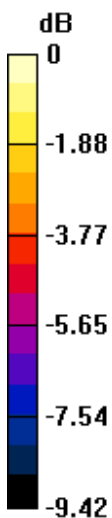
Grid 1 M4 <b>24.39 dBV/m</b>	Grid 2 M4 <b>27.16 dBV/m</b>	Grid 3 M4 <b>26.95 dBV/m</b>
Grid 4 M4 <b>20.71 dBV/m</b>	Grid 5 M4 <b>24.03 dBV/m</b>	Grid 6 M4 <b>24.02 dBV/m</b>
Grid 7 M4 <b>20.74 dBV/m</b>	Grid 8 M4 <b>22.13 dBV/m</b>	Grid 9 M4 <b>22.16 dBV/m</b>

**Cursor:**

Total = 27.16 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 22.80 V/m = 27.16 dBV/m

## #22\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490;Ant 0\_HPUE

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

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.16 V/m; Power Drift = 0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.19 dBV/m

**Emission category: M4**

MIF scaled E-field

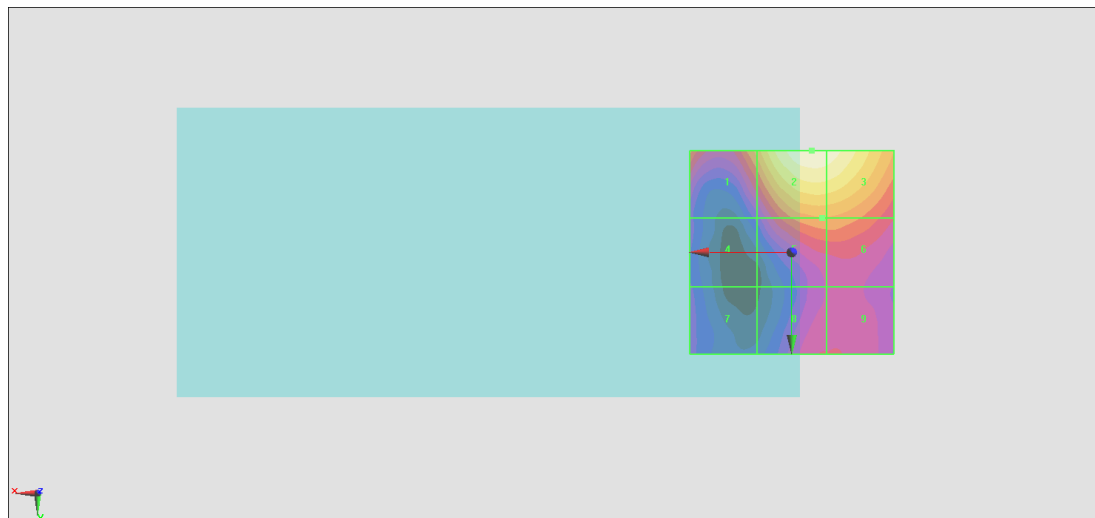
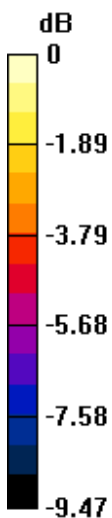
Grid 1 M4 <b>24.38 dBV/m</b>	Grid 2 M4 <b>27.19 dBV/m</b>	Grid 3 M4 <b>26.99 dBV/m</b>
Grid 4 M4 <b>20.62 dBV/m</b>	Grid 5 M4 <b>24 dBV/m</b>	Grid 6 M4 <b>23.99 dBV/m</b>
Grid 7 M4 <b>20.63 dBV/m</b>	Grid 8 M4 <b>22.18 dBV/m</b>	Grid 9 M4 <b>22.19 dBV/m</b>

**Cursor:**

Total = 27.19 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 22.87 V/m = 27.19 dBV/m

### #23\_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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.84 V/m; Power Drift = 0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.59 dBV/m

**Emission category: M4**

MIF scaled E-field

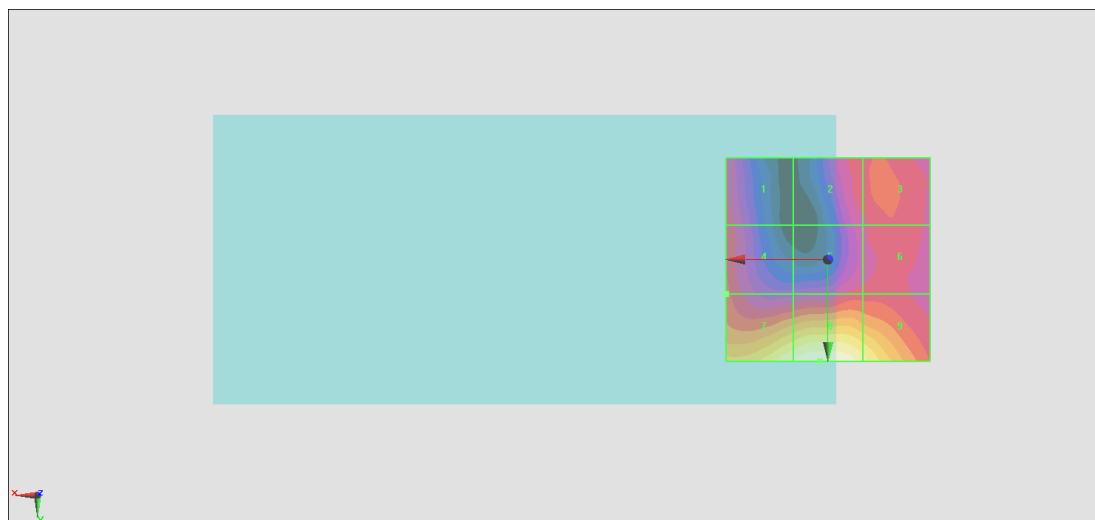
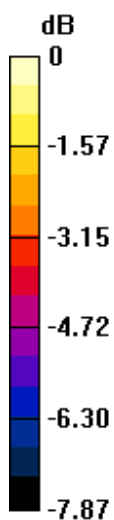
Grid 1 M4 <b>22.71 dBV/m</b>	Grid 2 M4 <b>22.82 dBV/m</b>	Grid 3 M4 <b>23.03 dBV/m</b>
Grid 4 M4 <b>23.16 dBV/m</b>	Grid 5 M4 <b>22.7 dBV/m</b>	Grid 6 M4 <b>22.86 dBV/m</b>
Grid 7 M4 <b>26.19 dBV/m</b>	Grid 8 M4 <b>26.59 dBV/m</b>	Grid 9 M4 <b>25.81 dBV/m</b>

**Cursor:**

Total = 26.59 dBV/m

E Category: M4

Location: 2, 25, 8.7 mm



0 dB = 21.34 V/m = 26.59 dBV/m

## #24\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_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 : 23.5 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.91 V/m; Power Drift = 0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.96 dBV/m

**Emission category: M4**

MIF scaled E-field

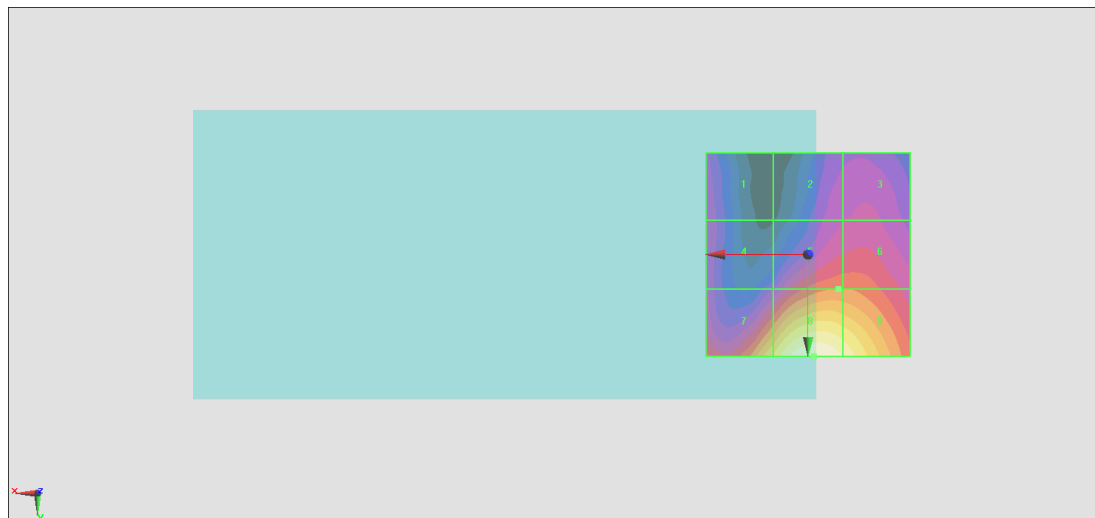
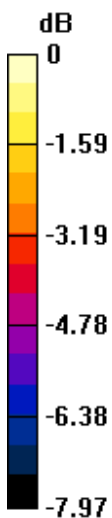
Grid 1 M4 <b>23.22 dBV/m</b>	Grid 2 M4 <b>23.15 dBV/m</b>	Grid 3 M4 <b>23.37 dBV/m</b>
Grid 4 M4 <b>23.38 dBV/m</b>	Grid 5 M4 <b>24.81 dBV/m</b>	Grid 6 M4 <b>24.8 dBV/m</b>
Grid 7 M4 <b>26.55 dBV/m</b>	Grid 8 M4 <b>27.96 dBV/m</b>	Grid 9 M4 <b>27.38 dBV/m</b>

**Cursor:**

Total = 27.96 dBV/m

E Category: M4

Location: -1.5, 25, 8.7 mm



0 dB = 24.99 V/m = 27.96 dBV/m



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

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

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.26 V/m; Power Drift = -0.10 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.18 dBV/m

**Emission category: M4**

MIF scaled E-field

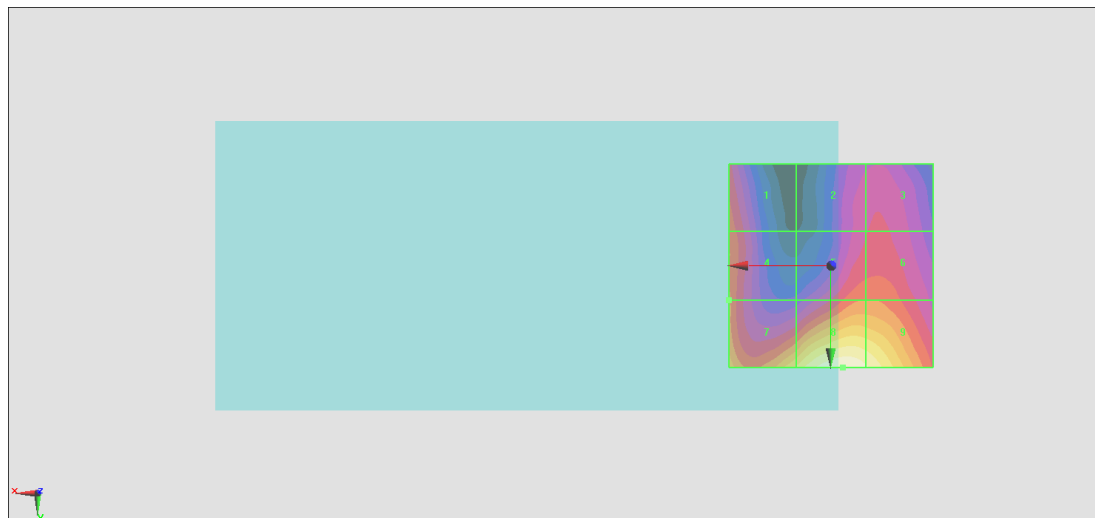
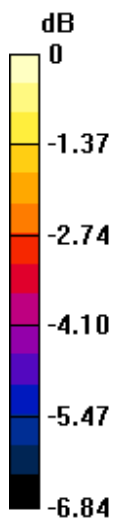
Grid 1 M4 <b>24.29 dBV/m</b>	Grid 2 M4 <b>23.5 dBV/m</b>	Grid 3 M4 <b>23.64 dBV/m</b>
Grid 4 M4 <b>24.57 dBV/m</b>	Grid 5 M4 <b>24.48 dBV/m</b>	Grid 6 M4 <b>24.48 dBV/m</b>
Grid 7 M4 <b>25.92 dBV/m</b>	Grid 8 M4 <b>27.18 dBV/m</b>	Grid 9 M4 <b>26.82 dBV/m</b>

**Cursor:**

Total = 27.18 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



0 dB = 22.85 V/m = 27.18 dBV/m

## #26\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_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 : 23.5 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.06 V/m; Power Drift = 0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.16 dBV/m

**Emission category: M4**

MIF scaled E-field

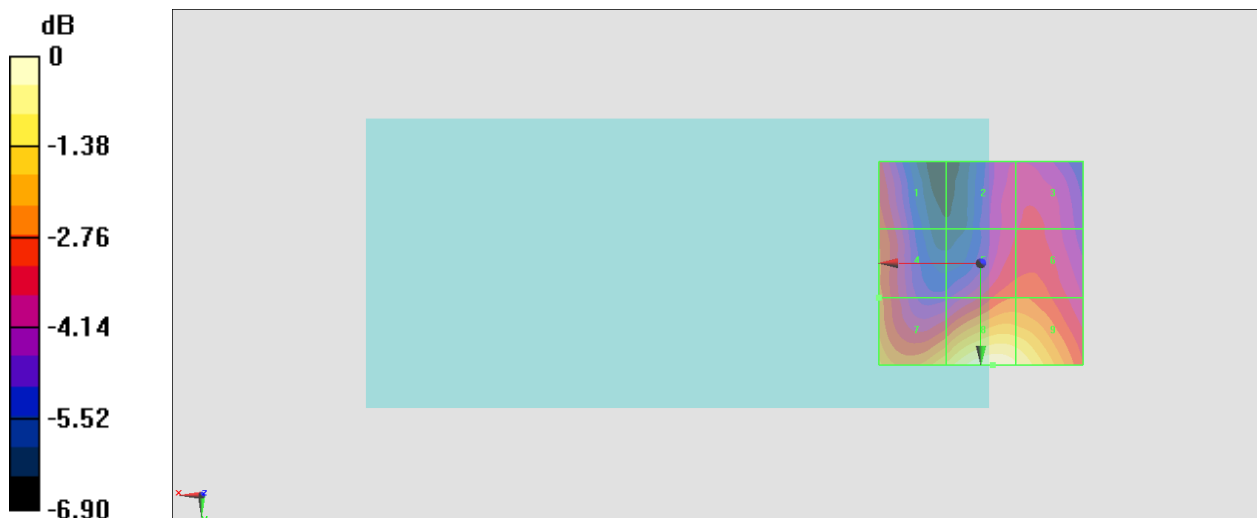
Grid 1 M4 <b>24.21 dBV/m</b>	Grid 2 M4 <b>23.45 dBV/m</b>	Grid 3 M4 <b>23.6 dBV/m</b>
Grid 4 M4 <b>24.62 dBV/m</b>	Grid 5 M4 <b>24.42 dBV/m</b>	Grid 6 M4 <b>24.43 dBV/m</b>
Grid 7 M4 <b>25.93 dBV/m</b>	Grid 8 M4 <b>27.16 dBV/m</b>	Grid 9 M4 <b>26.8 dBV/m</b>

**Cursor:**

Total = 27.16 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



0 dB = 22.79 V/m = 27.15 dBV/m

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

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

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.31 V/m; Power Drift = 0.10 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.63 dBV/m

**Emission category: M4**

MIF scaled E-field

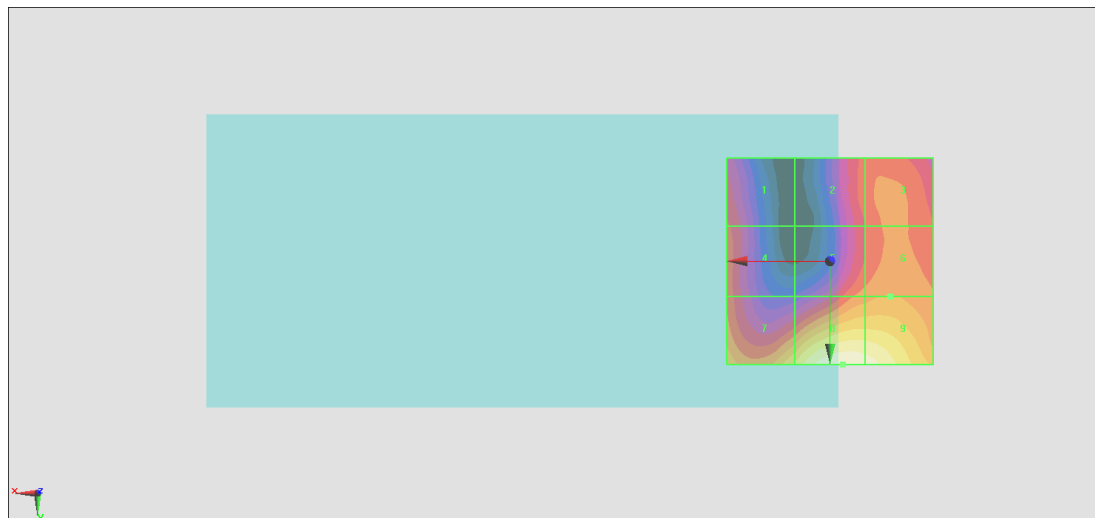
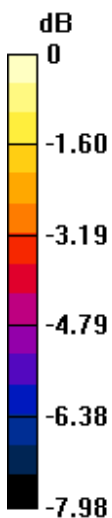
Grid 1 M4 <b>24.03 dBV/m</b>	Grid 2 M4 <b>24.21 dBV/m</b>	Grid 3 M4 <b>24.62 dBV/m</b>
Grid 4 M4 <b>24.4 dBV/m</b>	Grid 5 M4 <b>24.75 dBV/m</b>	Grid 6 M4 <b>25 dBV/m</b>
Grid 7 M4 <b>26.15 dBV/m</b>	Grid 8 M4 <b>27.63 dBV/m</b>	Grid 9 M4 <b>27.43 dBV/m</b>

**Cursor:**

Total = 27.63 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



0 dB = 24.07 V/m = 27.63 dBV/m

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

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

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

Ambient Temperature : 23.5 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.76 V/m; Power Drift = 0.10 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.64 dBV/m

**Emission category: M4**

MIF scaled E-field

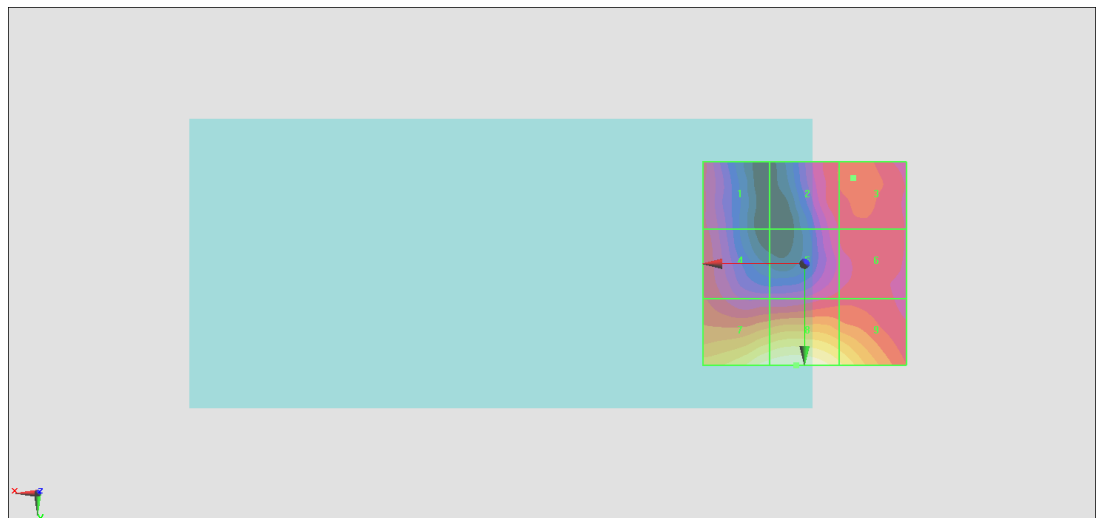
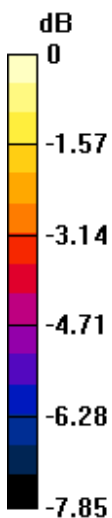
Grid 1 M4 <b>22.77 dBV/m</b>	Grid 2 M4 <b>23.04 dBV/m</b>	Grid 3 M4 <b>23.27 dBV/m</b>
Grid 4 M4 <b>23.08 dBV/m</b>	Grid 5 M4 <b>22.72 dBV/m</b>	Grid 6 M4 <b>22.91 dBV/m</b>
Grid 7 M4 <b>26.47 dBV/m</b>	Grid 8 M4 <b>26.64 dBV/m</b>	Grid 9 M4 <b>25.79 dBV/m</b>

**Cursor:**

Total = 26.64 dBV/m

E Category: M4

Location: 2, 25, 8.7 mm



0 dB = 21.48 V/m = 26.64 dBV/m

## #29\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40185;Ant 2\_HPUE

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 : 23.5 °C

### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.54 V/m; Power Drift = 0.10 dB

Applied MIF = -1.44 dB

RF audio interference level = 28.28 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 M4 <b>23.26 dBV/m</b>	Grid 2 M4 <b>23.32 dBV/m</b>	Grid 3 M4 <b>23.64 dBV/m</b>
Grid 4 M4 <b>23.49 dBV/m</b>	Grid 5 M4 <b>25.12 dBV/m</b>	Grid 6 M4 <b>25.1 dBV/m</b>
Grid 7 M4 <b>26.95 dBV/m</b>	Grid 8 M4 <b>28.28 dBV/m</b>	Grid 9 M4 <b>27.58 dBV/m</b>

**Cursor:**

Total = 28.28 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 25.93 V/m = 28.28 dBV/m

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

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

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.63 V/m; Power Drift = -0.00 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.45 dBV/m

**Emission category: M4**

MIF scaled E-field

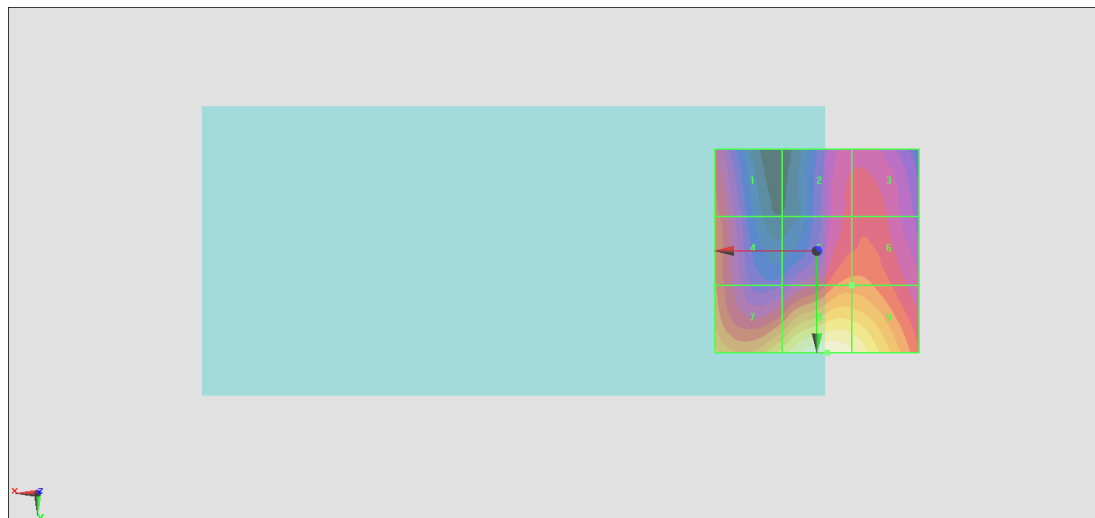
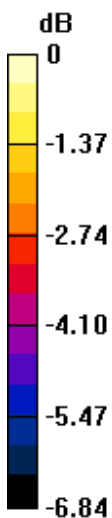
Grid 1 M4 24.47 dBV/m	Grid 2 M4 23.99 dBV/m	Grid 3 M4 24.13 dBV/m
Grid 4 M4 24.79 dBV/m	Grid 5 M4 24.96 dBV/m	Grid 6 M4 24.96 dBV/m
Grid 7 M4 26.35 dBV/m	Grid 8 M4 27.45 dBV/m	Grid 9 M4 27.09 dBV/m

**Cursor:**

Total = 27.45 dBV/m

E Category: M4

Location: -2.5, 25, 8.7 mm



0 dB = 23.58 V/m = 27.45 dBV/m

### #31\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41055;Ant 2\_HPUE

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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.35 V/m; Power Drift = -0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.42 dBV/m

**Emission category: M4**

MIF scaled E-field

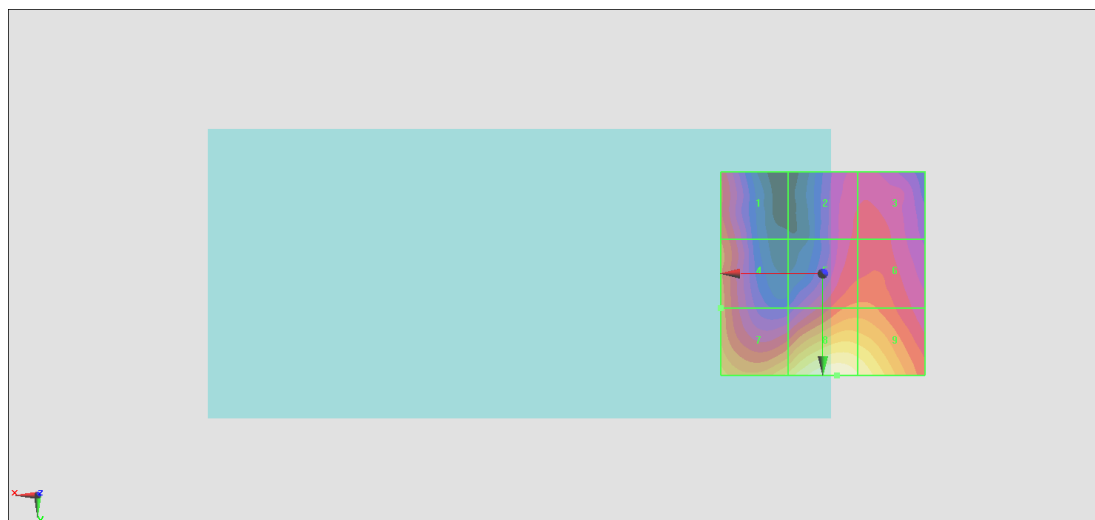
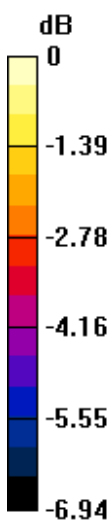
Grid 1 M4 <b>24.59 dBV/m</b>	Grid 2 M4 <b>23.87 dBV/m</b>	Grid 3 M4 <b>23.99 dBV/m</b>
Grid 4 M4 <b>24.95 dBV/m</b>	Grid 5 M4 <b>24.82 dBV/m</b>	Grid 6 M4 <b>24.82 dBV/m</b>
Grid 7 M4 <b>26.23 dBV/m</b>	Grid 8 M4 <b>27.42 dBV/m</b>	Grid 9 M4 <b>27.03 dBV/m</b>

**Cursor:**

Total = 27.42 dBV/m

E Category: M4

Location: -3.5, 25, 8.7 mm



0 dB = 23.50 V/m = 27.42 dBV/m

### #32\_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: 1:8.8736

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.41 V/m; Power Drift = -0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 28.08 dBV/m

**Emission category: M4**

MIF scaled E-field

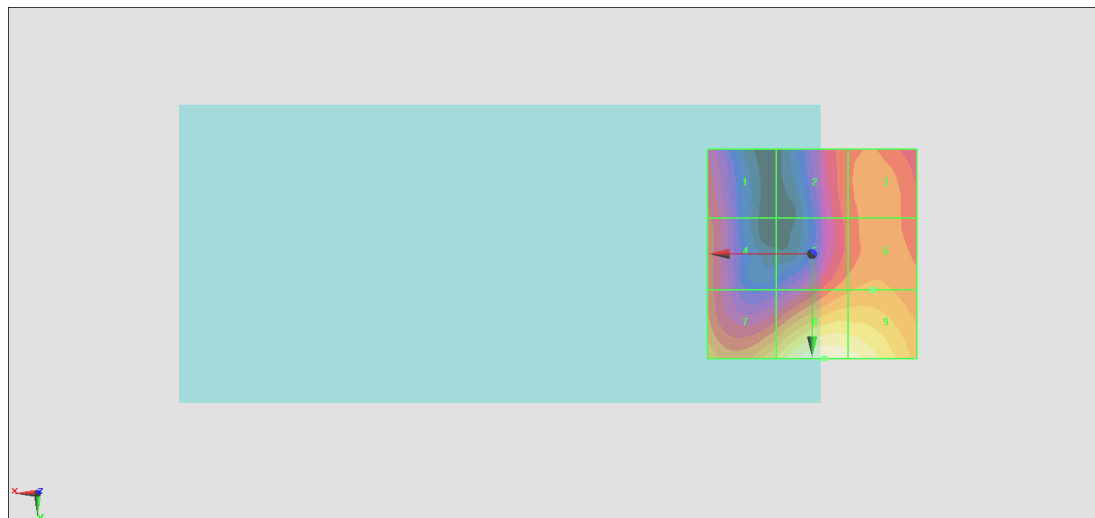
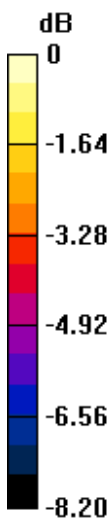
Grid 1 M4 <b>24.43 dBV/m</b>	Grid 2 M4 <b>24.68 dBV/m</b>	Grid 3 M4 <b>25.17 dBV/m</b>
Grid 4 M4 <b>24.76 dBV/m</b>	Grid 5 M4 <b>25.24 dBV/m</b>	Grid 6 M4 <b>25.49 dBV/m</b>
Grid 7 M4 <b>26.58 dBV/m</b>	Grid 8 M4 <b>28.08 dBV/m</b>	Grid 9 M4 <b>27.84 dBV/m</b>

**Cursor:**

Total = 28.08 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



0 dB = 25.35 V/m = 28.08 dBV/m



### #33\_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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.65 V/m; Power Drift = -0.15 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.44 dBV/m

**Emission category: M4**

MIF scaled E-field

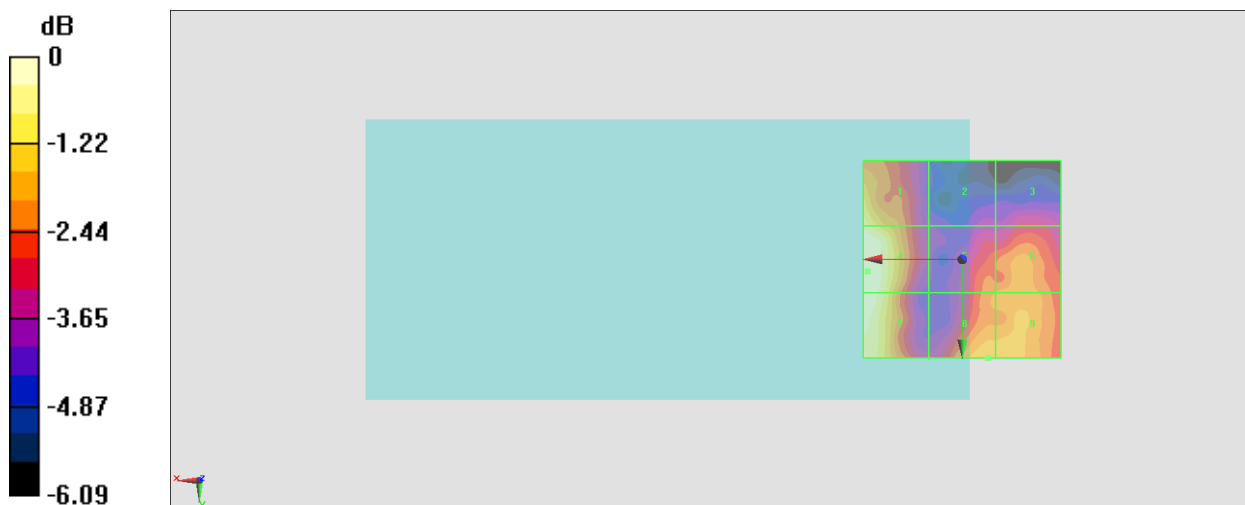
Grid 1 <b>M4</b> <b>20.95 dBV/m</b>	Grid 2 <b>M4</b> <b>17.64 dBV/m</b>	Grid 3 <b>M4</b> <b>18.34 dBV/m</b>
Grid 4 <b>M4</b> <b>21.44 dBV/m</b>	Grid 5 <b>M4</b> <b>19.46 dBV/m</b>	Grid 6 <b>M4</b> <b>19.79 dBV/m</b>
Grid 7 <b>M4</b> <b>21.43 dBV/m</b>	Grid 8 <b>M4</b> <b>20.19 dBV/m</b>	Grid 9 <b>M4</b> <b>20.1 dBV/m</b>

**Cursor:**

Total = 21.44 dBV/m

E Category: M4

Location: 24, 3, 8.7 mm



0 dB = 11.80 V/m = 21.44 dBV/m

### #34\_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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.49 V/m; Power Drift = -0.13 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.85 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>20.16 dBV/m</b>	Grid 2 <b>M4</b> <b>17.58 dBV/m</b>	Grid 3 <b>M4</b> <b>17.78 dBV/m</b>
Grid 4 <b>M4</b> <b>20.83 dBV/m</b>	Grid 5 <b>M4</b> <b>18.89 dBV/m</b>	Grid 6 <b>M4</b> <b>19.26 dBV/m</b>
Grid 7 <b>M4</b> <b>20.85 dBV/m</b>	Grid 8 <b>M4</b> <b>19.12 dBV/m</b>	Grid 9 <b>M4</b> <b>19.28 dBV/m</b>

**Cursor:**

Total = 20.85 dBV/m

E Category: M4

Location: 25, 9.5, 8.7 mm



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

### #35\_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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.92 V/m; Power Drift = -0.00 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.36 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>24.09 dBV/m</b>	Grid 2 <b>M4</b> <b>21.11 dBV/m</b>	Grid 3 <b>M4</b> <b>18.48 dBV/m</b>
Grid 4 <b>M4</b> <b>24.36 dBV/m</b>	Grid 5 <b>M4</b> <b>21.4 dBV/m</b>	Grid 6 <b>M4</b> <b>20.1 dBV/m</b>
Grid 7 <b>M4</b> <b>24.26 dBV/m</b>	Grid 8 <b>M4</b> <b>20.96 dBV/m</b>	Grid 9 <b>M4</b> <b>20.36 dBV/m</b>

**Cursor:**

Total = 24.36 dBV/m

E Category: M4

Location: 25, 1.5, 8.7 mm



0 dB = 16.51 V/m = 24.35 dBV/m

### #36\_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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.81 V/m; Power Drift = 0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.26 dBV/m

**Emission category: M4**

MIF scaled E-field

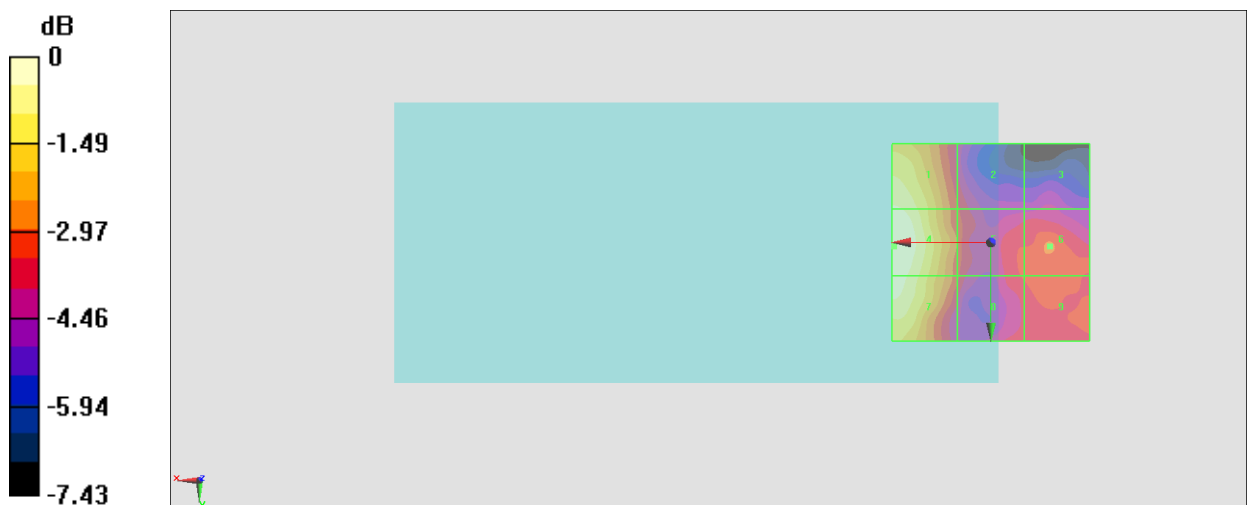
Grid 1 <b>M4</b> <b>20.85 dBV/m</b>	Grid 2 <b>M4</b> <b>17.9 dBV/m</b>	Grid 3 <b>M4</b> <b>16.98 dBV/m</b>
Grid 4 <b>M4</b> <b>21.26 dBV/m</b>	Grid 5 <b>M4</b> <b>18.27 dBV/m</b>	Grid 6 <b>M4</b> <b>18.38 dBV/m</b>
Grid 7 <b>M4</b> <b>21.18 dBV/m</b>	Grid 8 <b>M4</b> <b>17.94 dBV/m</b>	Grid 9 <b>M4</b> <b>18.04 dBV/m</b>

**Cursor:**

Total = 21.26 dBV/m

E Category: M4

Location: 24.5, 1, 8.7 mm



0 dB = 11.56 V/m = 21.26 dBV/m

### #37\_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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.15 V/m; Power Drift = -0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.31 dBV/m

**Emission category: M4**

MIF scaled E-field

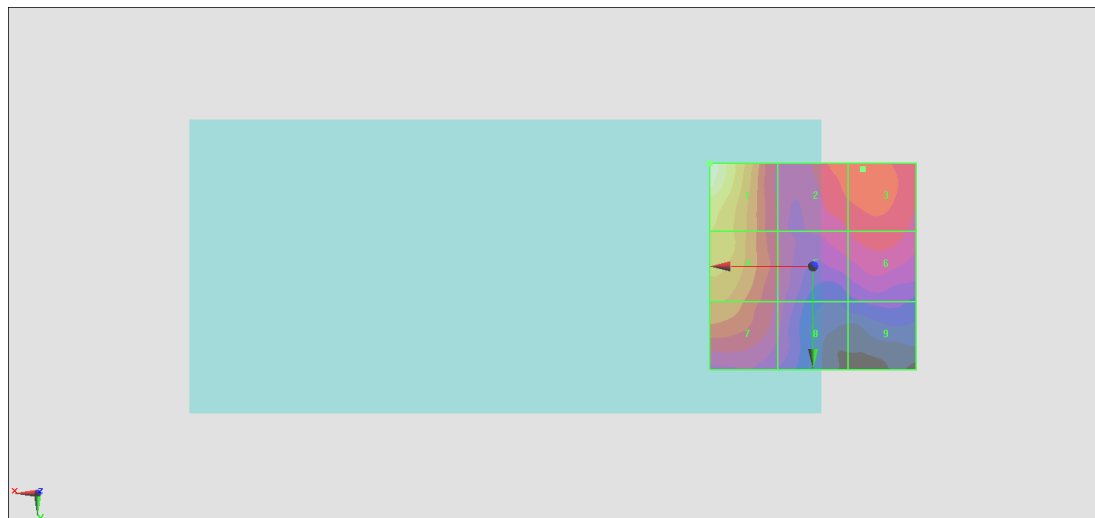
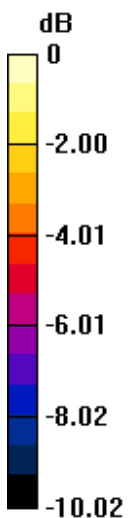
Grid 1 M4 <b>26.31 dBV/m</b>	Grid 2 M4 <b>22.01 dBV/m</b>	Grid 3 M4 <b>22.06 dBV/m</b>
Grid 4 M4 <b>24.31 dBV/m</b>	Grid 5 M4 <b>21.18 dBV/m</b>	Grid 6 M4 <b>21.39 dBV/m</b>
Grid 7 M4 <b>23 dBV/m</b>	Grid 8 M4 <b>20.76 dBV/m</b>	Grid 9 M4 <b>19.24 dBV/m</b>

**Cursor:**

Total = 26.31 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 20.67 V/m = 26.31 dBV/m

### #38\_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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3609 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.97 V/m; Power Drift = 0.19 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.34 dBV/m

**Emission category: M4**

MIF scaled E-field

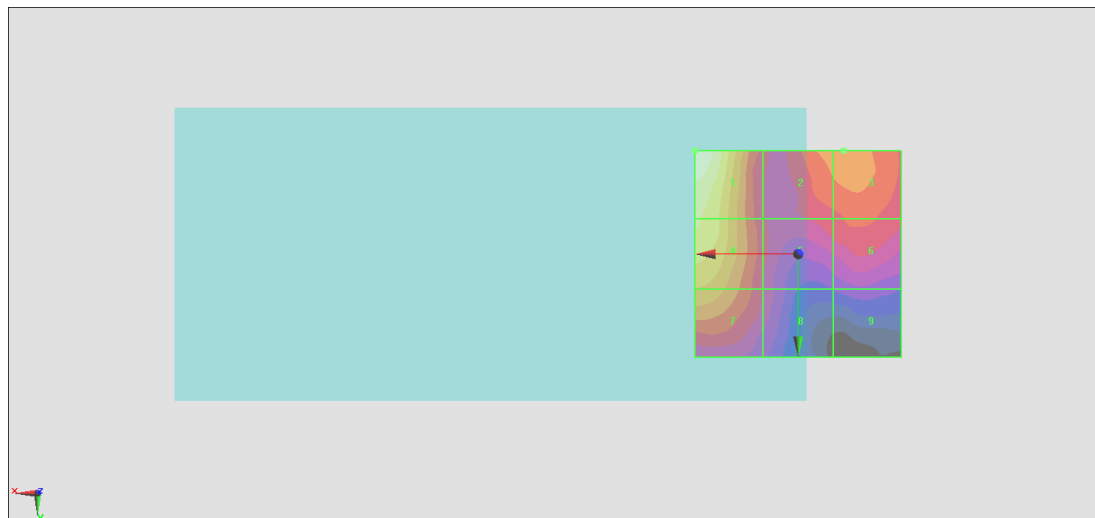
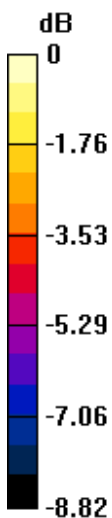
Grid 1 M4 <b>25.34 dBV/m</b>	Grid 2 M4 <b>22.14 dBV/m</b>	Grid 3 M4 <b>22.19 dBV/m</b>
Grid 4 M4 <b>24.18 dBV/m</b>	Grid 5 M4 <b>21.07 dBV/m</b>	Grid 6 M4 <b>21.44 dBV/m</b>
Grid 7 M4 <b>22.96 dBV/m</b>	Grid 8 M4 <b>20.66 dBV/m</b>	Grid 9 M4 <b>19.34 dBV/m</b>

**Cursor:**

Total = 25.34 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 18.49 V/m = 25.34 dBV/m

### #39\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56150;Ant 6

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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3641 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.00 V/m; Power Drift = 0.15 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.40 dBV/m

**Emission category: M4**

MIF scaled E-field

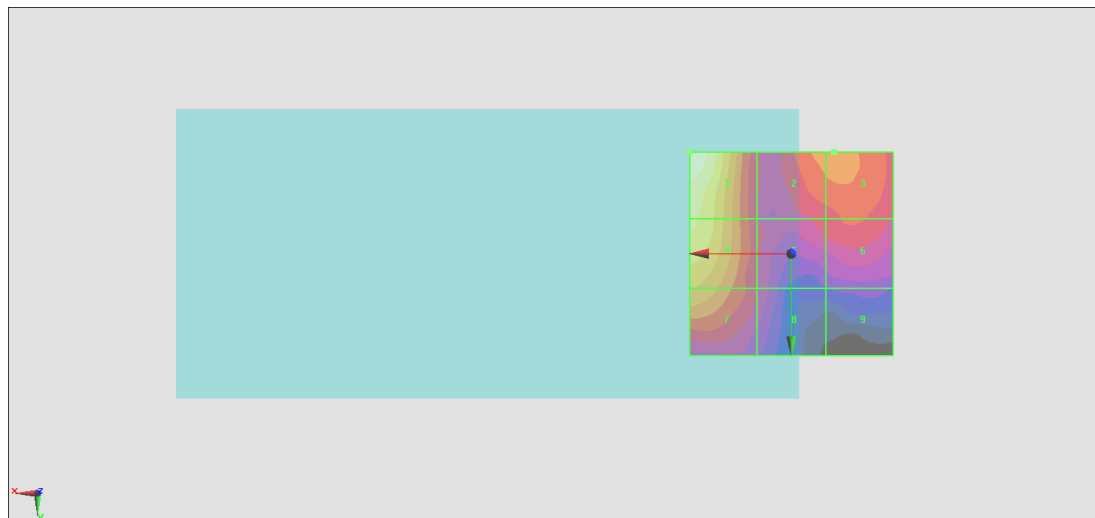
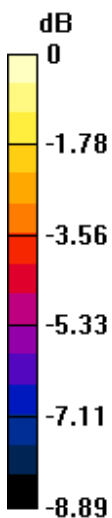
Grid 1 M4 <b>25.4 dBV/m</b>	Grid 2 M4 <b>22.07 dBV/m</b>	Grid 3 M4 <b>22.09 dBV/m</b>
Grid 4 M4 <b>24.28 dBV/m</b>	Grid 5 M4 <b>21.01 dBV/m</b>	Grid 6 M4 <b>21.38 dBV/m</b>
Grid 7 M4 <b>23.09 dBV/m</b>	Grid 8 M4 <b>20.72 dBV/m</b>	Grid 9 M4 <b>19.26 dBV/m</b>

**Cursor:**

Total = 25.40 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 18.62 V/m = 25.40 dBV/m

### #40\_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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.04 V/m; Power Drift = 0.14 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.38 dBV/m

**Emission category: M4**

MIF scaled E-field

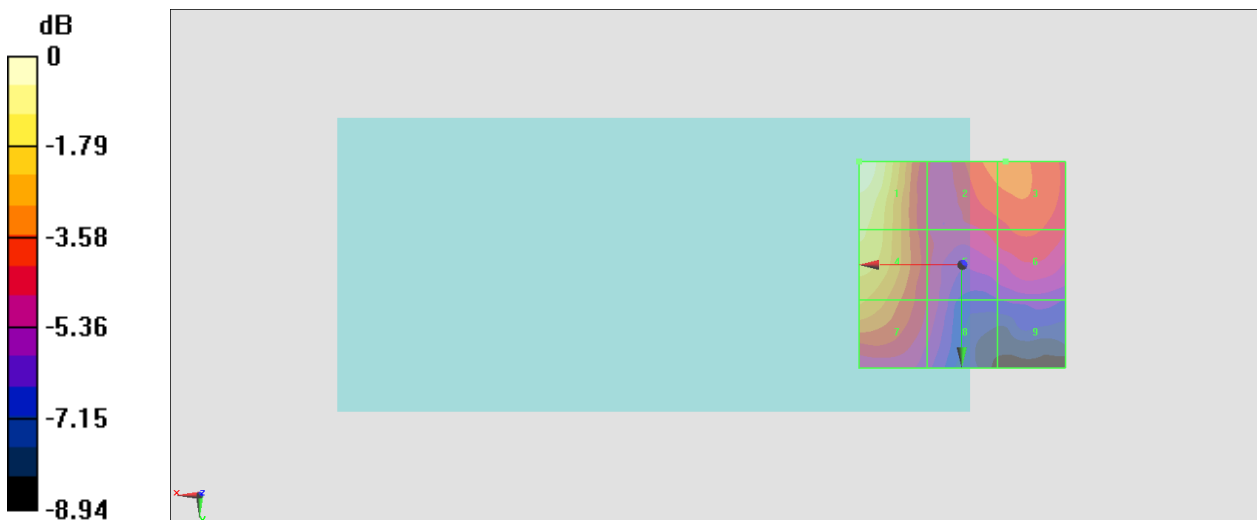
Grid 1 M4 <b>25.38 dBV/m</b>	Grid 2 M4 <b>22.08 dBV/m</b>	Grid 3 M4 <b>22.11 dBV/m</b>
Grid 4 M4 <b>24.24 dBV/m</b>	Grid 5 M4 <b>20.96 dBV/m</b>	Grid 6 M4 <b>21.4 dBV/m</b>
Grid 7 M4 <b>23.14 dBV/m</b>	Grid 8 M4 <b>20.64 dBV/m</b>	Grid 9 M4 <b>19.2 dBV/m</b>

**Cursor:**

Total = 25.38 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 18.59 V/m = 25.39 dBV/m



### #41\_HAC\_E\_WLAN 2.4GHz\_802.11g 6Mbps\_Ch1;Ant 3+4

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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 44.75 V/m; Power Drift = -0.03 dB

Applied MIF = 0.12 dB

RF audio interference level = 31.55 dBV/m

**Emission category: M3**

MIF scaled E-field

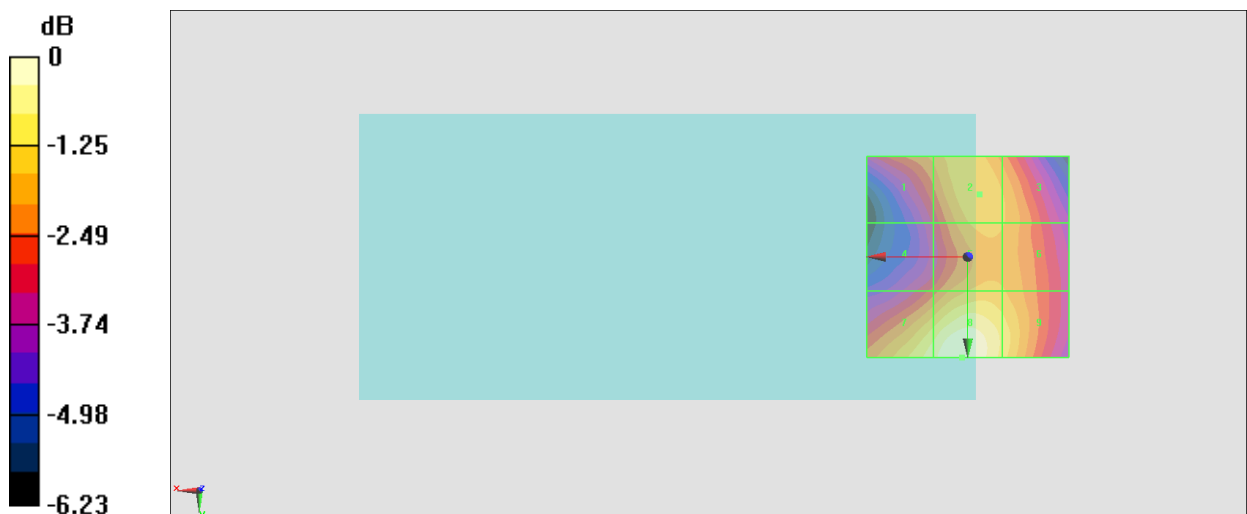
Grid 1 <b>M4</b> <b>29.62 dBV/m</b>	Grid 2 <b>M3</b> <b>30.28 dBV/m</b>	Grid 3 <b>M4</b> <b>29.98 dBV/m</b>
Grid 4 <b>M4</b> <b>28.87 dBV/m</b>	Grid 5 <b>M3</b> <b>30.09 dBV/m</b>	Grid 6 <b>M4</b> <b>29.95 dBV/m</b>
Grid 7 <b>M3</b> <b>31.01 dBV/m</b>	Grid 8 <b>M3</b> <b>31.55 dBV/m</b>	Grid 9 <b>M3</b> <b>30.63 dBV/m</b>

**Cursor:**

Total = 31.55 dBV/m

E Category: M3

Location: 1.5, 25, 8.7 mm



0 dB = 37.78 V/m = 31.55 dBV/m

### #42\_HAC\_E\_WLAN 2.4GHz\_802.11g 6Mbps\_Ch6;Ant 3+4

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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 59.13 V/m; Power Drift = 0.00 dB

Applied MIF = 0.12 dB

RF audio interference level = 34.38 dBV/m

**Emission category: M3**

MIF scaled E-field

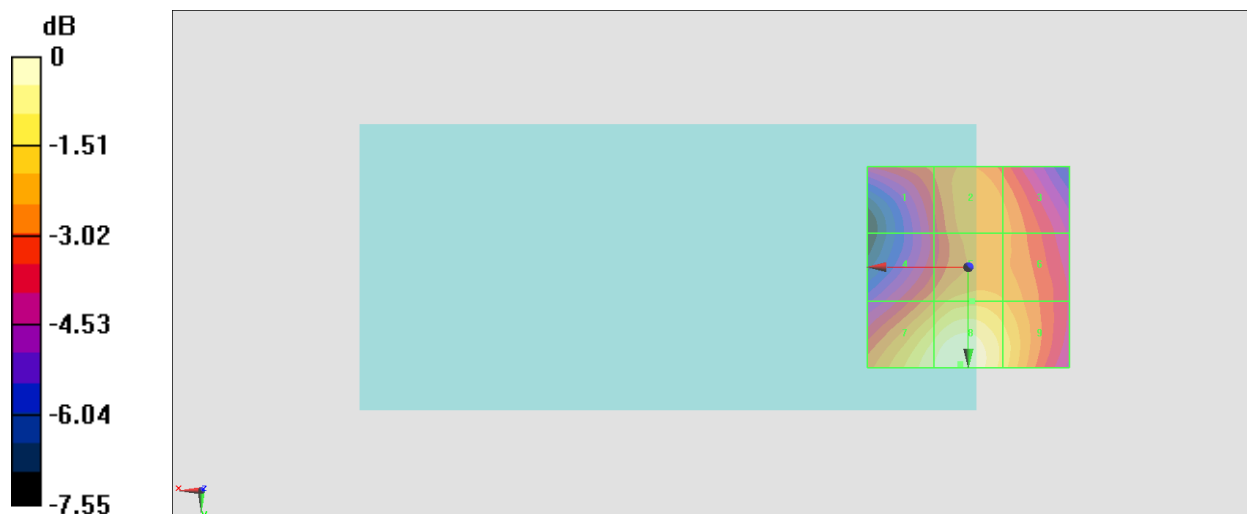
<b>Grid 1 M3</b> <b>31.54 dBV/m</b>	<b>Grid 2 M3</b> <b>32.37 dBV/m</b>	<b>Grid 3 M3</b> <b>32.09 dBV/m</b>
<b>Grid 4 M3</b> <b>31.89 dBV/m</b>	<b>Grid 5 M3</b> <b>32.73 dBV/m</b>	<b>Grid 6 M3</b> <b>32.43 dBV/m</b>
<b>Grid 7 M3</b> <b>33.89 dBV/m</b>	<b>Grid 8 M3</b> <b>34.38 dBV/m</b>	<b>Grid 9 M3</b> <b>33.24 dBV/m</b>

**Cursor:**

Total = 34.38 dBV/m

E Category: M3

Location: 2, 24, 8.7 mm



0 dB = 52.38 V/m = 34.38 dBV/m

### #43\_HAC\_E\_WLAN 2.4GHz\_802.11g 6Mbps\_Ch11;Ant 3+4

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 : 23.5 °C

#### DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 54.71 V/m; Power Drift = 0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 33.89 dBV/m

**Emission category: M3**

MIF scaled E-field

Grid 1 <b>M3</b> <b>31.25 dBV/m</b>	Grid 2 <b>M3</b> <b>31.85 dBV/m</b>	Grid 3 <b>M3</b> <b>31.55 dBV/m</b>
Grid 4 <b>M3</b> <b>31.63 dBV/m</b>	Grid 5 <b>M3</b> <b>32.39 dBV/m</b>	Grid 6 <b>M3</b> <b>32 dBV/m</b>
Grid 7 <b>M3</b> <b>33.4 dBV/m</b>	Grid 8 <b>M3</b> <b>33.89 dBV/m</b>	Grid 9 <b>M3</b> <b>32.76 dBV/m</b>

**Cursor:**

Total = 33.89 dBV/m

E Category: M3

Location: 2, 23, 8.7 mm



0 dB = 49.47 V/m = 33.89 dBV/m