

## #01\_HAC\_E\_GSM850\_Voice\_Ch128;Ant 2

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 = 79.07 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.10 dBV/m

**Emission category: M4**

MIF scaled E-field

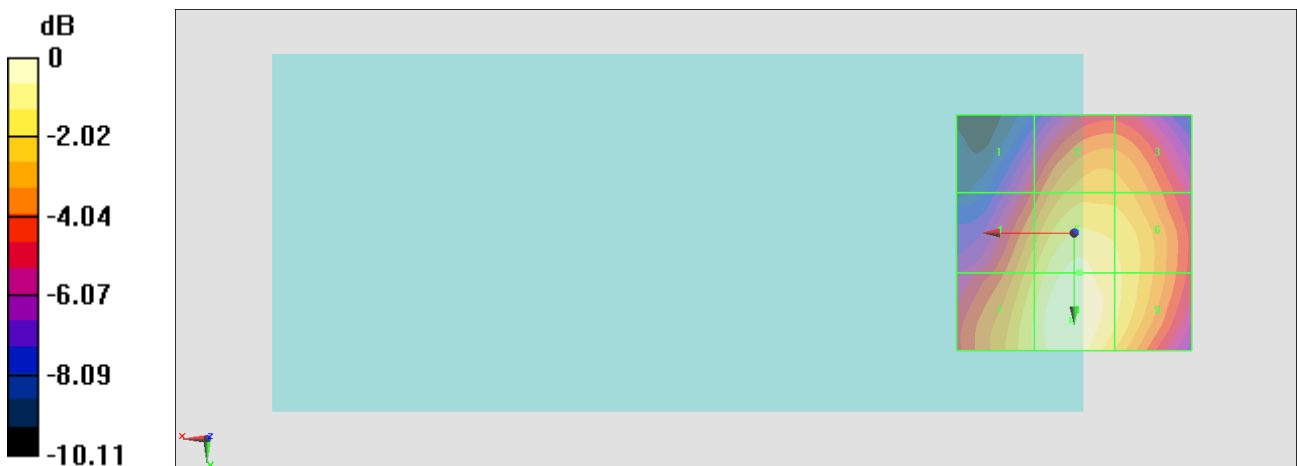
Grid 1 <b>M4</b> <b>32.6 dBV/m</b>	Grid 2 <b>M4</b> <b>34.93 dBV/m</b>	Grid 3 <b>M4</b> <b>34.83 dBV/m</b>
Grid 4 <b>M4</b> <b>35.06 dBV/m</b>	Grid 5 <b>M4</b> <b>36.63 dBV/m</b>	Grid 6 <b>M4</b> <b>35.97 dBV/m</b>
Grid 7 <b>M4</b> <b>35.91 dBV/m</b>	Grid 8 <b>M4</b> <b>37.1 dBV/m</b>	Grid 9 <b>M4</b> <b>36.02 dBV/m</b>

**Cursor:**

Total = 37.10 dBV/m

E Category: M4

Location: 0.5, 18.5, 8.7 mm



0 dB = 71.60 V/m = 37.10 dBV/m

## #02\_HAC\_E\_GSM850\_Voice\_Ch189;Ant 2

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 = 81.37 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.66 dBV/m

**Emission category: M4**

MIF scaled E-field

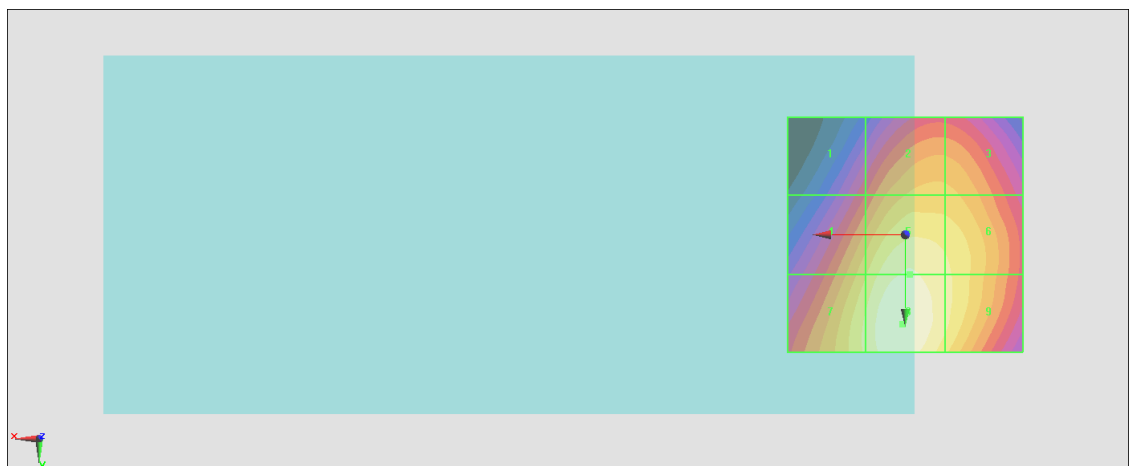
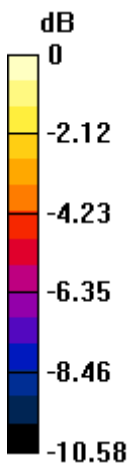
Grid 1 <b>M4</b> <b>32.73 dBV/m</b>	Grid 2 <b>M4</b> <b>35.16 dBV/m</b>	Grid 3 <b>M4</b> <b>35.1 dBV/m</b>
Grid 4 <b>M4</b> <b>35.45 dBV/m</b>	Grid 5 <b>M4</b> <b>37.04 dBV/m</b>	Grid 6 <b>M4</b> <b>36.44 dBV/m</b>
Grid 7 <b>M4</b> <b>36.44 dBV/m</b>	Grid 8 <b>M4</b> <b>37.66 dBV/m</b>	Grid 9 <b>M4</b> <b>36.52 dBV/m</b>

**Cursor:**

Total = 37.66 dBV/m

E Category: M4

Location: 0.5, 19, 8.7 mm



0 dB = 76.36 V/m = 37.66 dBV/m

### #03\_HAC\_E\_GSM850\_Voice\_Ch251;Ant 2

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 = 78.91 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.68 dBV/m

**Emission category: M4**

MIF scaled E-field

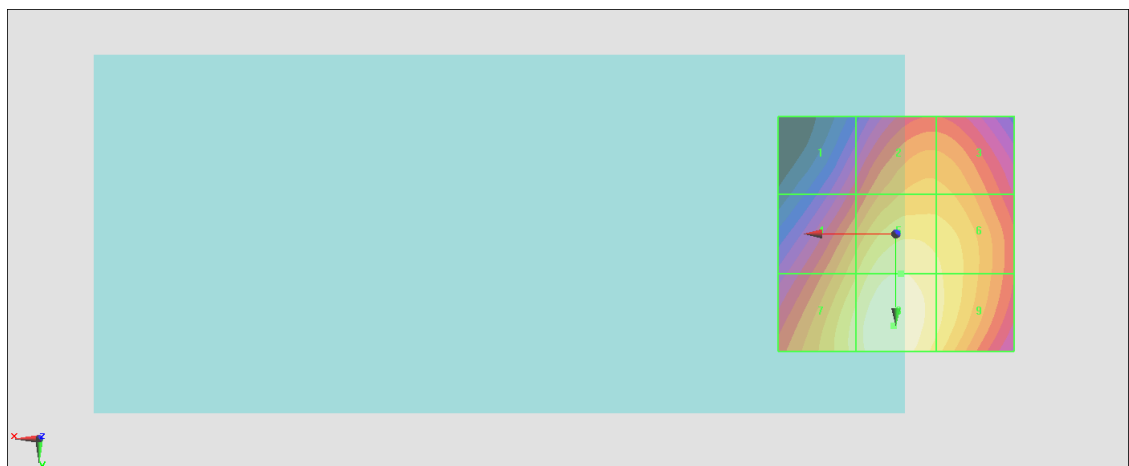
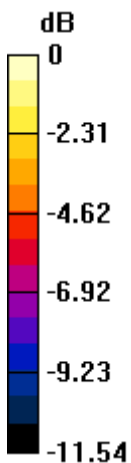
Grid 1 <b>M4</b> <b>32.15 dBV/m</b>	Grid 2 <b>M4</b> <b>34.96 dBV/m</b>	Grid 3 <b>M4</b> <b>34.92 dBV/m</b>
Grid 4 <b>M4</b> <b>35.31 dBV/m</b>	Grid 5 <b>M4</b> <b>36.98 dBV/m</b>	Grid 6 <b>M4</b> <b>36.34 dBV/m</b>
Grid 7 <b>M4</b> <b>36.54 dBV/m</b>	Grid 8 <b>M4</b> <b>37.68 dBV/m</b>	Grid 9 <b>M4</b> <b>36.5 dBV/m</b>

**Cursor:**

Total = 37.68 dBV/m

E Category: M4

Location: 0.5, 19.5, 8.7 mm



0 dB = 76.59 V/m = 37.68 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 = 18.70 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.12 dBV/m

**Emission category: M4**

MIF scaled E-field

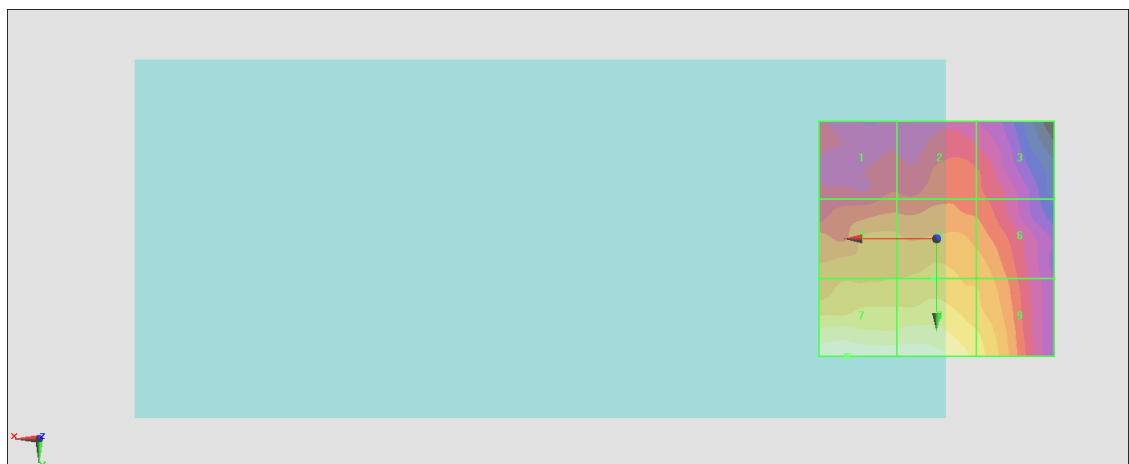
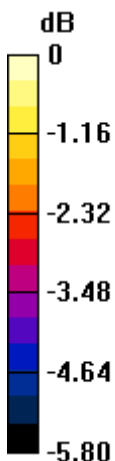
Grid 1 <b>M4</b> <b>25.53 dBV/m</b>	Grid 2 <b>M4</b> <b>25.78 dBV/m</b>	Grid 3 <b>M4</b> <b>25.61 dBV/m</b>
Grid 4 <b>M4</b> <b>26.59 dBV/m</b>	Grid 5 <b>M4</b> <b>26.76 dBV/m</b>	Grid 6 <b>M4</b> <b>26.51 dBV/m</b>
Grid 7 <b>M4</b> <b>28.12 dBV/m</b>	Grid 8 <b>M4</b> <b>28.1 dBV/m</b>	Grid 9 <b>M4</b> <b>27.21 dBV/m</b>

**Cursor:**

Total = 28.12 dBV/m

E Category: M4

Location: 19, 25, 8.7 mm



0 dB = 25.48 V/m = 28.12 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 = 21.39 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.14 dBV/m

**Emission category: M4**

MIF scaled E-field

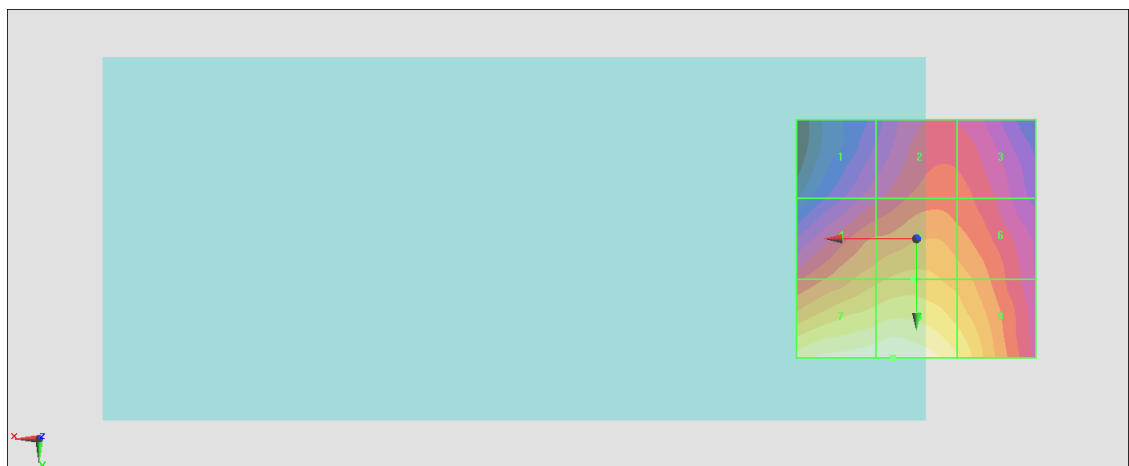
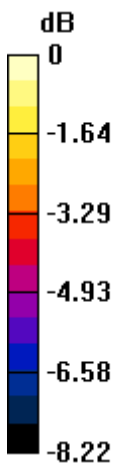
Grid 1 <b>M4</b> <b>25.65 dBV/m</b>	Grid 2 <b>M4</b> <b>26.71 dBV/m</b>	Grid 3 <b>M4</b> <b>26.59 dBV/m</b>
Grid 4 <b>M4</b> <b>27.82 dBV/m</b>	Grid 5 <b>M4</b> <b>28.17 dBV/m</b>	Grid 6 <b>M4</b> <b>27.75 dBV/m</b>
Grid 7 <b>M4</b> <b>30.04 dBV/m</b>	Grid 8 <b>M4</b> <b>30.14 dBV/m</b>	Grid 9 <b>M4</b> <b>29.13 dBV/m</b>

**Cursor:**

Total = 30.14 dBV/m

E Category: M4

Location: 5, 25, 8.7 mm



0 dB = 32.14 V/m = 30.14 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 = 23.35 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.90 dBV/m

**Emission category: M4**

MIF scaled E-field

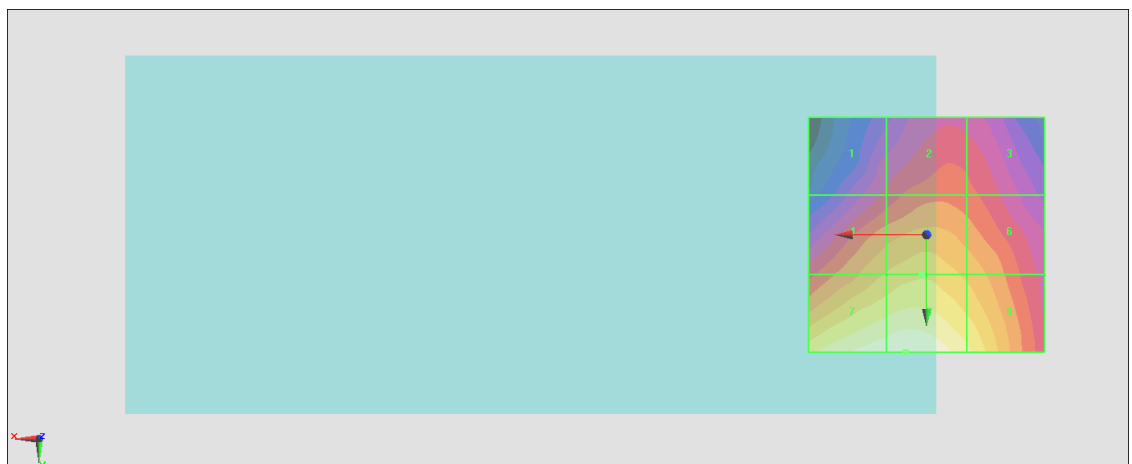
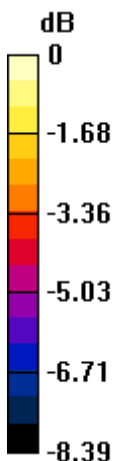
Grid 1 <b>M4</b> <b>26.63 dBV/m</b>	Grid 2 <b>M4</b> <b>27.46 dBV/m</b>	Grid 3 <b>M4</b> <b>27.23 dBV/m</b>
Grid 4 <b>M4</b> <b>28.74 dBV/m</b>	Grid 5 <b>M4</b> <b>29.14 dBV/m</b>	Grid 6 <b>M4</b> <b>28.56 dBV/m</b>
Grid 7 <b>M4</b> <b>30.81 dBV/m</b>	Grid 8 <b>M4</b> <b>30.9 dBV/m</b>	Grid 9 <b>M4</b> <b>29.95 dBV/m</b>

**Cursor:**

Total = 30.90 dBV/m

E Category: M4

Location: 4.5, 25, 8.7 mm



0 dB = 35.07 V/m = 30.90 dBV/m

### #07\_HAC\_E\_GSM1900\_Voice\_Ch512;Ant 1

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 = 9.315 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.63 dBV/m

**Emission category: M4**

MIF scaled E-field

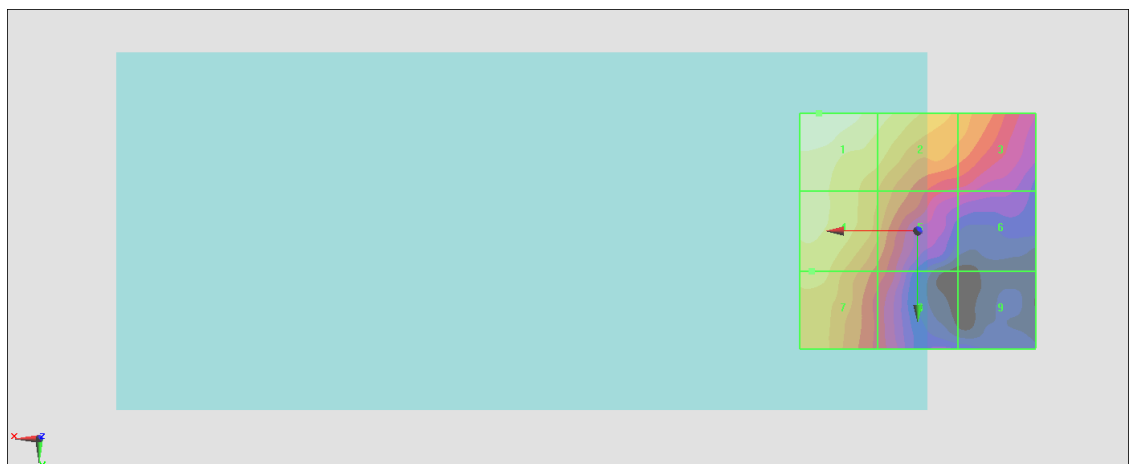
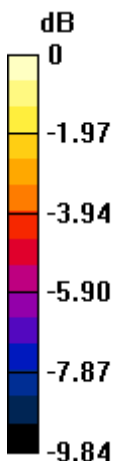
Grid 1 <b>M4</b> <b>25.63 dBV/m</b>	Grid 2 <b>M4</b> <b>24.63 dBV/m</b>	Grid 3 <b>M4</b> <b>22.78 dBV/m</b>
Grid 4 <b>M4</b> <b>24.55 dBV/m</b>	Grid 5 <b>M4</b> <b>23.03 dBV/m</b>	Grid 6 <b>M4</b> <b>20.17 dBV/m</b>
Grid 7 <b>M4</b> <b>23.97 dBV/m</b>	Grid 8 <b>M4</b> <b>21.46 dBV/m</b>	Grid 9 <b>M4</b> <b>18.44 dBV/m</b>

**Cursor:**

Total = 25.63 dBV/m

E Category: M4

Location: 21, -25, 8.7 mm



0 dB = 19.12 V/m = 25.63 dBV/m

## #08\_HAC\_E\_GSM1900\_Voice\_Ch661;Ant 1

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 = 11.15 V/m; Power Drift = -0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.44 dBV/m

**Emission category: M4**

MIF scaled E-field

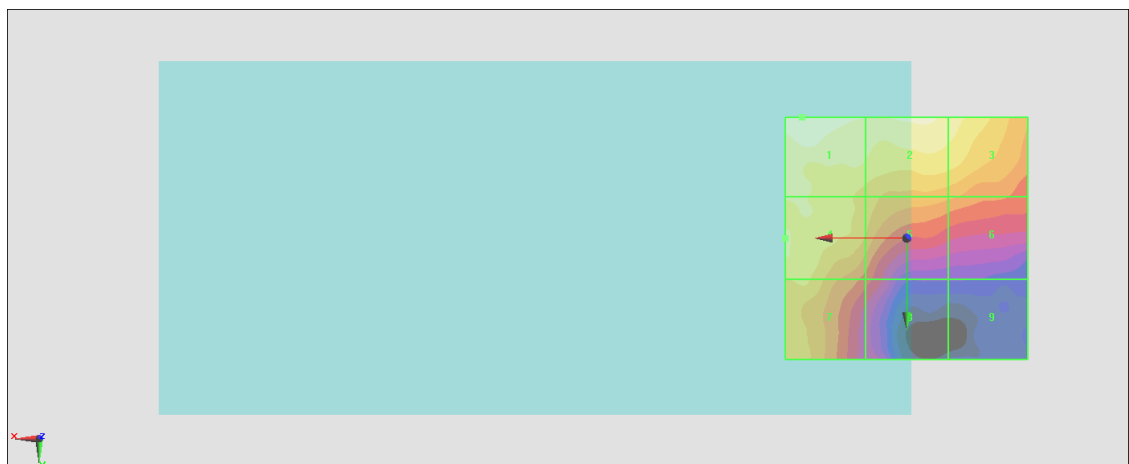
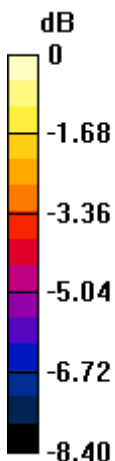
Grid 1 <b>M4</b> <b>25.44 dBV/m</b>	Grid 2 <b>M4</b> <b>25.04 dBV/m</b>	Grid 3 <b>M4</b> <b>24.63 dBV/m</b>
Grid 4 <b>M4</b> <b>24.44 dBV/m</b>	Grid 5 <b>M4</b> <b>23.57 dBV/m</b>	Grid 6 <b>M4</b> <b>22.78 dBV/m</b>
Grid 7 <b>M4</b> <b>23.86 dBV/m</b>	Grid 8 <b>M4</b> <b>21.82 dBV/m</b>	Grid 9 <b>M4</b> <b>19.38 dBV/m</b>

**Cursor:**

Total = 25.44 dBV/m

E Category: M4

Location: 21.5, -25, 8.7 mm



0 dB = 18.71 V/m = 25.44 dBV/m



## #09\_HAC\_E\_GSM1900\_Voice\_Ch810;Ant 1

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 = 9.279 V/m; Power Drift = 0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.00 dBV/m

**Emission category: M4**

MIF scaled E-field

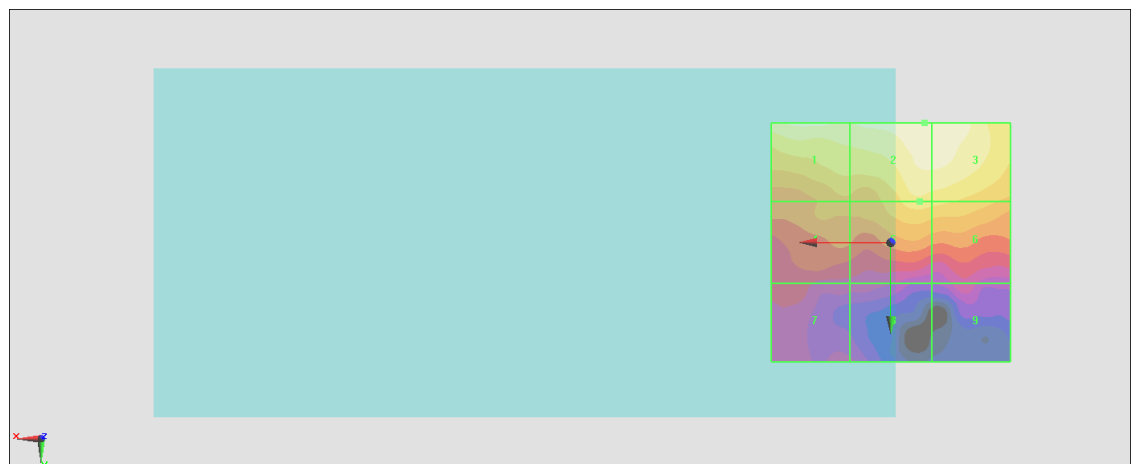
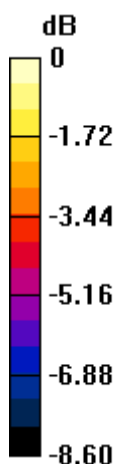
Grid 1 <b>M4</b> <b>23.6 dBV/m</b>	Grid 2 <b>M4</b> <b>24 dBV/m</b>	Grid 3 <b>M4</b> <b>23.98 dBV/m</b>
Grid 4 <b>M4</b> <b>21.54 dBV/m</b>	Grid 5 <b>M4</b> <b>22.63 dBV/m</b>	Grid 6 <b>M4</b> <b>22.48 dBV/m</b>
Grid 7 <b>M4</b> <b>19.99 dBV/m</b>	Grid 8 <b>M4</b> <b>19.23 dBV/m</b>	Grid 9 <b>M4</b> <b>19.35 dBV/m</b>

**Cursor:**

Total = 24.00 dBV/m

E Category: M4

Location: -7, -25, 8.7 mm



0 dB = 15.85 V/m = 24.00 dBV/m

### #10\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch39750;Ant 1

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 = 10.54 V/m; Power Drift = 0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.35 dBV/m

**Emission category: M4**

MIF scaled E-field

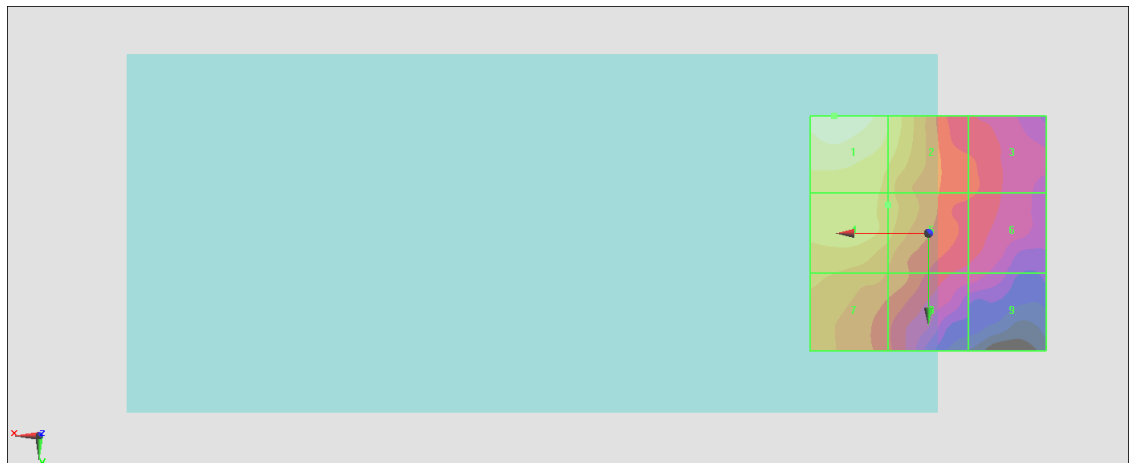
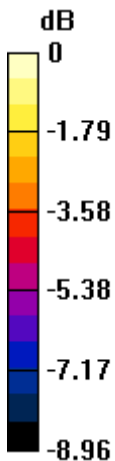
<b>Grid 1 M4</b> <b>20.35 dBV/m</b>	<b>Grid 2 M4</b> <b>19.25 dBV/m</b>	<b>Grid 3 M4</b> <b>16.36 dBV/m</b>
<b>Grid 4 M4</b> <b>18.97 dBV/m</b>	<b>Grid 5 M4</b> <b>18.27 dBV/m</b>	<b>Grid 6 M4</b> <b>16.28 dBV/m</b>
<b>Grid 7 M4</b> <b>18.13 dBV/m</b>	<b>Grid 8 M4</b> <b>17.32 dBV/m</b>	<b>Grid 9 M4</b> <b>15.39 dBV/m</b>

**Cursor:**

Total = 20.35 dBV/m

E Category: M4

Location: 20, -25, 8.7 mm



0 dB = 10.41 V/m = 20.35 dBV/m

### #11\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40185;Ant 1

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 = 11.40 V/m; Power Drift = -0.10 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.36 dBV/m

**Emission category: M4**

MIF scaled E-field

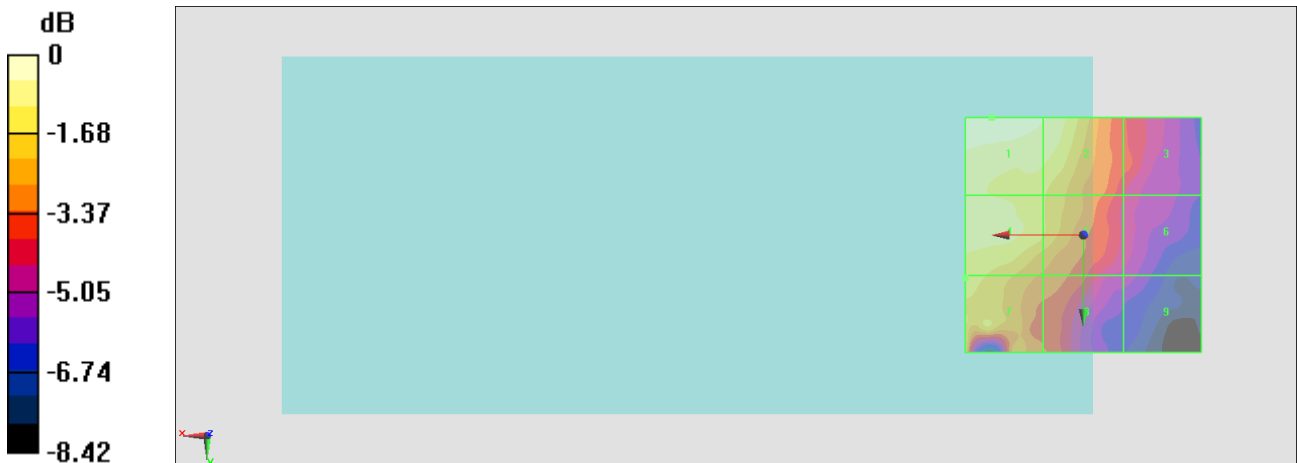
<b>Grid 1 M4</b> <b>20.36 dBV/m</b>	<b>Grid 2 M4</b> <b>19.88 dBV/m</b>	<b>Grid 3 M4</b> <b>16.74 dBV/m</b>
<b>Grid 4 M4</b> <b>19.54 dBV/m</b>	<b>Grid 5 M4</b> <b>18.77 dBV/m</b>	<b>Grid 6 M4</b> <b>15.94 dBV/m</b>
<b>Grid 7 M4</b> <b>19.09 dBV/m</b>	<b>Grid 8 M4</b> <b>17.47 dBV/m</b>	<b>Grid 9 M4</b> <b>15.15 dBV/m</b>

**Cursor:**

Total = 20.36 dBV/m

E Category: M4

Location: 19.5, -25, 8.7 mm



0 dB = 10.43 V/m = 20.37 dBV/m

## #12\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40620;Ant 1

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 = 11.13 V/m; Power Drift = -0.12 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.37 dBV/m

**Emission category: M4**

MIF scaled E-field

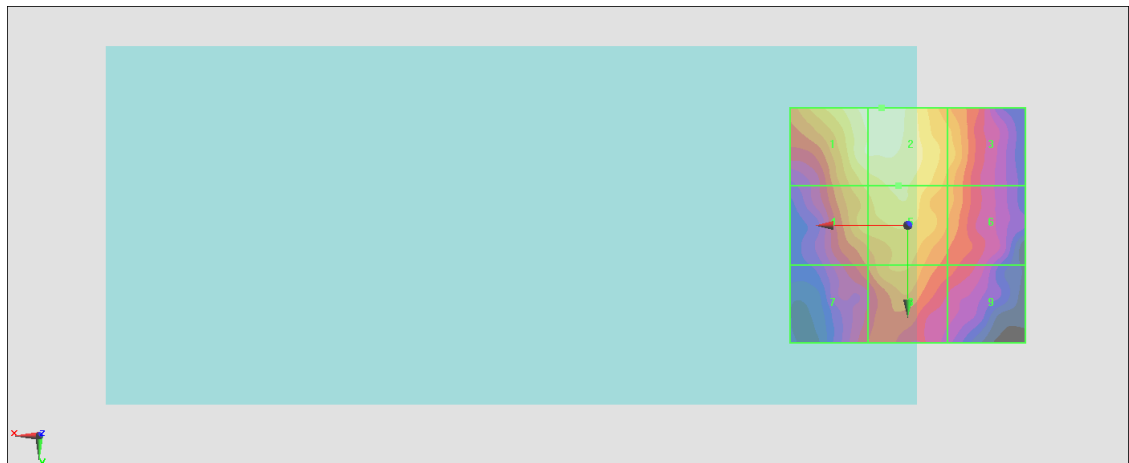
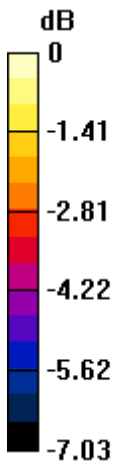
<b>Grid 1 M4</b> <b>18.15 dBV/m</b>	<b>Grid 2 M4</b> <b>18.37 dBV/m</b>	<b>Grid 3 M4</b> <b>16.81 dBV/m</b>
<b>Grid 4 M4</b> <b>17.12 dBV/m</b>	<b>Grid 5 M4</b> <b>17.52 dBV/m</b>	<b>Grid 6 M4</b> <b>16.29 dBV/m</b>
<b>Grid 7 M4</b> <b>15.62 dBV/m</b>	<b>Grid 8 M4</b> <b>16.59 dBV/m</b>	<b>Grid 9 M4</b> <b>15.37 dBV/m</b>

**Cursor:**

Total = 18.37 dBV/m

E Category: M4

Location: 5.5, -25, 8.7 mm



0 dB = 8.289 V/m = 18.37 dBV/m

### #13\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41055;Ant 1

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 = 12.24 V/m; Power Drift = -0.13 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.34 dBV/m

**Emission category: M4**

MIF scaled E-field

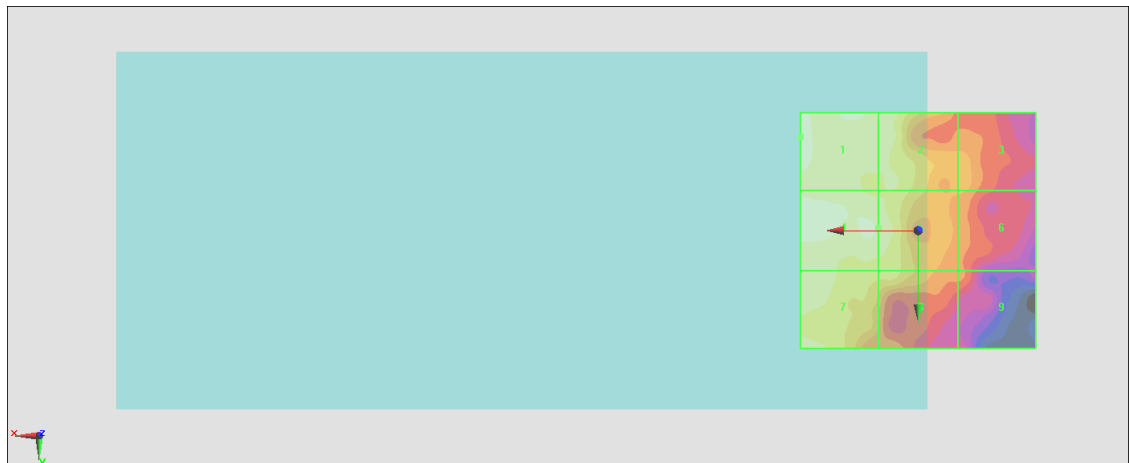
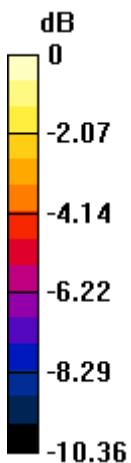
<b>Grid 1 M4</b> <b>19.34 dBV/m</b>	<b>Grid 2 M4</b> <b>18.51 dBV/m</b>	<b>Grid 3 M4</b> <b>16.3 dBV/m</b>
<b>Grid 4 M4</b> <b>19.1 dBV/m</b>	<b>Grid 5 M4</b> <b>18.57 dBV/m</b>	<b>Grid 6 M4</b> <b>16.06 dBV/m</b>
<b>Grid 7 M4</b> <b>18.6 dBV/m</b>	<b>Grid 8 M4</b> <b>17.69 dBV/m</b>	<b>Grid 9 M4</b> <b>15.51 dBV/m</b>

**Cursor:**

Total = 19.34 dBV/m

E Category: M4

Location: 25, -20, 8.7 mm



0 dB = 9.265 V/m = 19.34 dBV/m

### #14\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490;Ant 1

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 = 9.619 V/m; Power Drift = -0.13 dB

Applied MIF = -1.44 dB

RF audio interference level = 15.55 dBV/m

**Emission category: M4**

MIF scaled E-field

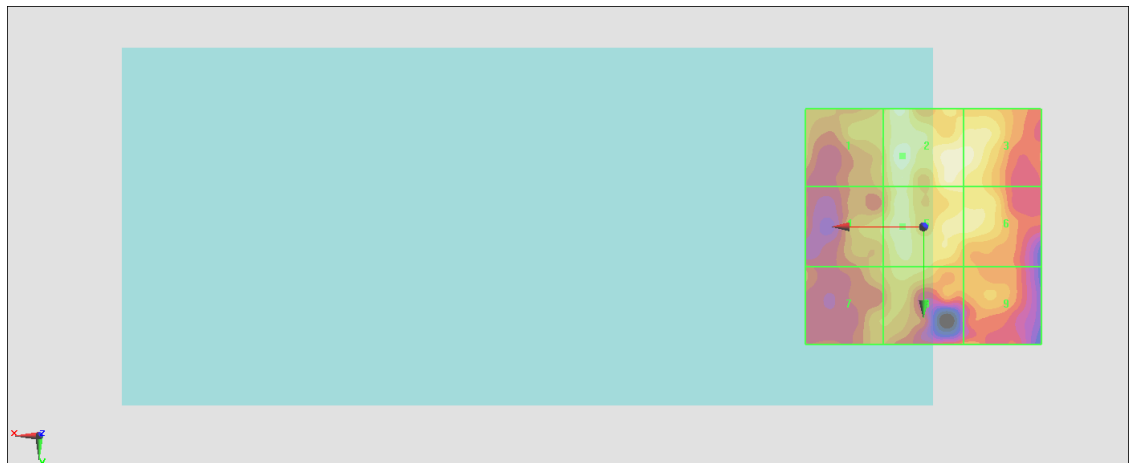
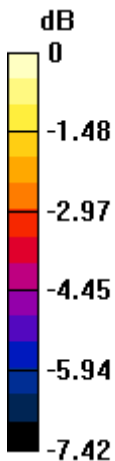
<b>Grid 1 M4</b> <b>14.16 dBV/m</b>	<b>Grid 2 M4</b> <b>15.55 dBV/m</b>	<b>Grid 3 M4</b> <b>15.27 dBV/m</b>
<b>Grid 4 M4</b> <b>14.19 dBV/m</b>	<b>Grid 5 M4</b> <b>15.09 dBV/m</b>	<b>Grid 6 M4</b> <b>14.86 dBV/m</b>
<b>Grid 7 M4</b> <b>13.69 dBV/m</b>	<b>Grid 8 M4</b> <b>14.44 dBV/m</b>	<b>Grid 9 M4</b> <b>13.68 dBV/m</b>

**Cursor:**

Total = 15.55 dBV/m

E Category: M4

Location: 4.5, -15, 8.7 mm



0 dB = 5.988 V/m = 15.55 dBV/m

### #15\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55340;Ant 9

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 = 23.67 V/m; Power Drift = -0.13 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.22 dBV/m

**Emission category: M4**

MIF scaled E-field

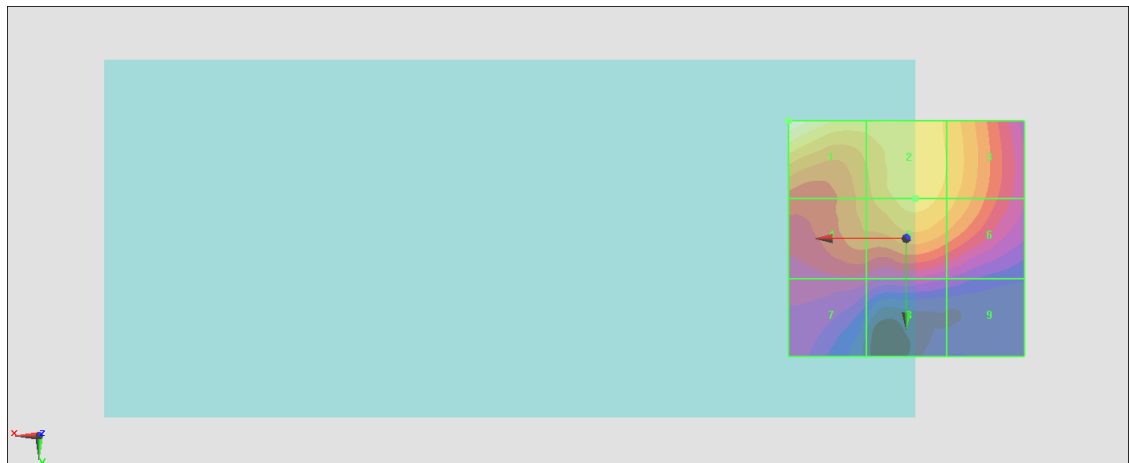
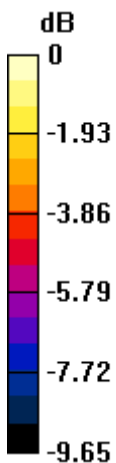
<b>Grid 1 M4</b> <b>26.22 dBV/m</b>	<b>Grid 2 M4</b> <b>24.99 dBV/m</b>	<b>Grid 3 M4</b> <b>24.29 dBV/m</b>
<b>Grid 4 M4</b> <b>23.37 dBV/m</b>	<b>Grid 5 M4</b> <b>24.54 dBV/m</b>	<b>Grid 6 M4</b> <b>24 dBV/m</b>
<b>Grid 7 M4</b> <b>21 dBV/m</b>	<b>Grid 8 M4</b> <b>20.77 dBV/m</b>	<b>Grid 9 M4</b> <b>19.81 dBV/m</b>

**Cursor:**

Total = 26.22 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 20.47 V/m = 26.22 dBV/m

## #16\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55830;Ant 9

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 = 19.03 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.69 dBV/m

**Emission category: M4**

MIF scaled E-field

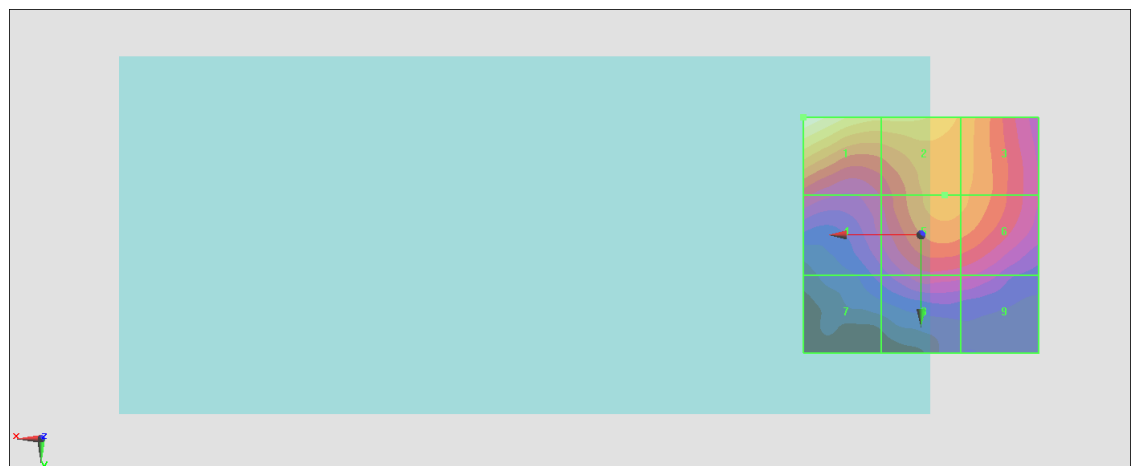
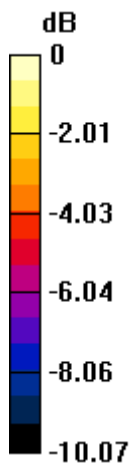
Grid 1 <b>M4</b> <b>25.69 dBV/m</b>	Grid 2 <b>M4</b> <b>23.92 dBV/m</b>	Grid 3 <b>M4</b> <b>22.88 dBV/m</b>
Grid 4 <b>M4</b> <b>20.61 dBV/m</b>	Grid 5 <b>M4</b> <b>22.69 dBV/m</b>	Grid 6 <b>M4</b> <b>22.51 dBV/m</b>
Grid 7 <b>M4</b> <b>18.66 dBV/m</b>	Grid 8 <b>M4</b> <b>20.18 dBV/m</b>	Grid 9 <b>M4</b> <b>19.92 dBV/m</b>

**Cursor:**

Total = 25.69 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 19.24 V/m = 25.68 dBV/m



### #17\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56150;Ant 9

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 = 18.52 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.28 dBV/m

**Emission category: M4**

MIF scaled E-field

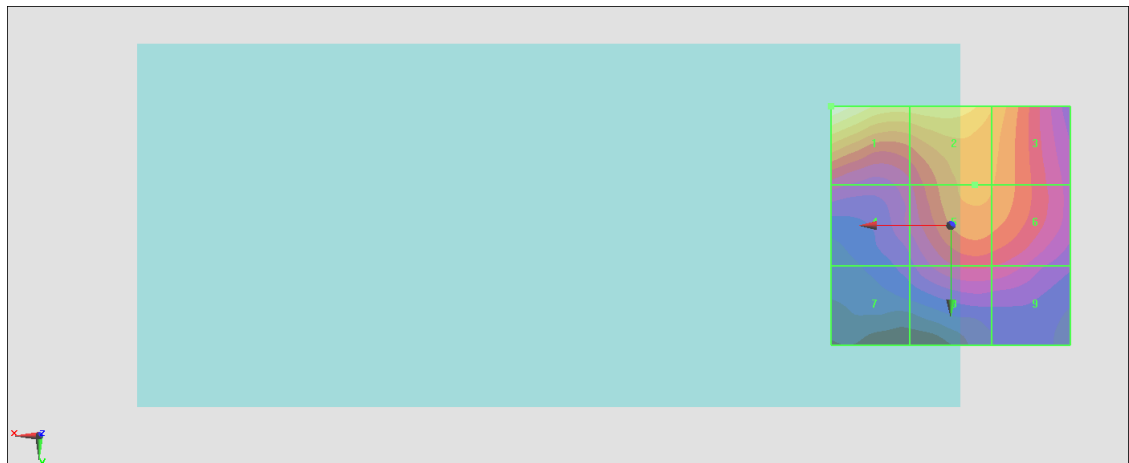
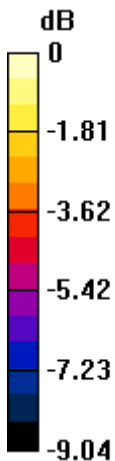
<b>Grid 1 M4</b> <b>25.28 dBV/m</b>	<b>Grid 2 M4</b> <b>24.02 dBV/m</b>	<b>Grid 3 M4</b> <b>22.97 dBV/m</b>
<b>Grid 4 M4</b> <b>20.39 dBV/m</b>	<b>Grid 5 M4</b> <b>22.47 dBV/m</b>	<b>Grid 6 M4</b> <b>22.32 dBV/m</b>
<b>Grid 7 M4</b> <b>19.1 dBV/m</b>	<b>Grid 8 M4</b> <b>20.6 dBV/m</b>	<b>Grid 9 M4</b> <b>20.5 dBV/m</b>

**Cursor:**

Total = 25.28 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 18.37 V/m = 25.28 dBV/m

### #18\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56640;Ant 9

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 = 18.07 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.66 dBV/m

**Emission category: M4**

MIF scaled E-field

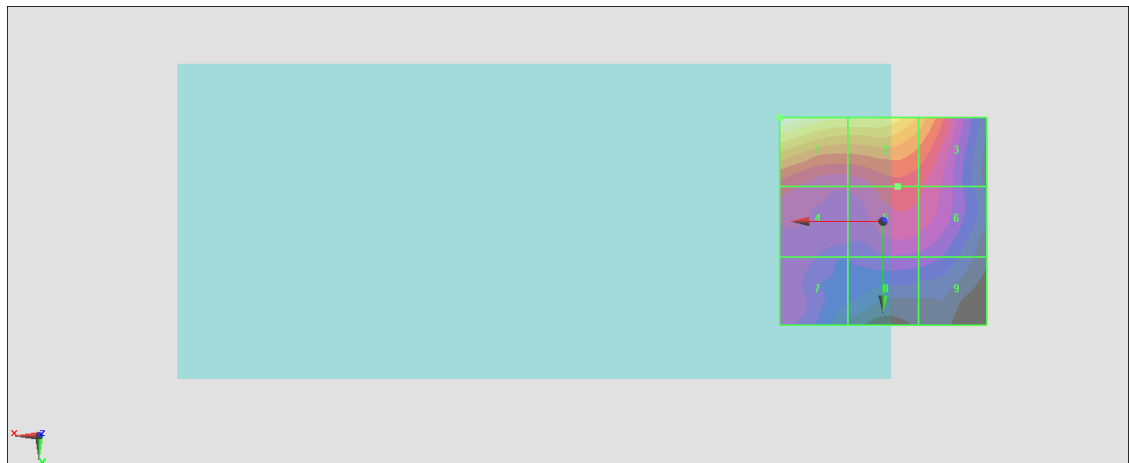
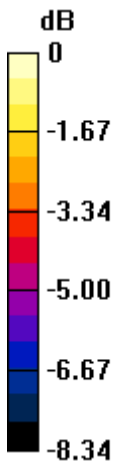
Grid 1 <b>M4</b> <b>25.66 dBV/m</b>	Grid 2 <b>M4</b> <b>24.65 dBV/m</b>	Grid 3 <b>M4</b> <b>23.38 dBV/m</b>
Grid 4 <b>M4</b> <b>21.56 dBV/m</b>	Grid 5 <b>M4</b> <b>21.6 dBV/m</b>	Grid 6 <b>M4</b> <b>21.38 dBV/m</b>
Grid 7 <b>M4</b> <b>20.39 dBV/m</b>	Grid 8 <b>M4</b> <b>20.08 dBV/m</b>	Grid 9 <b>M4</b> <b>19.96 dBV/m</b>

**Cursor:**

Total = 25.66 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 19.19 V/m = 25.66 dBV/m

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

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

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

Ambient Temperature : 23.4 °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 = 5.544 V/m; Power Drift = -0.10 dB

Applied MIF = -1.44 dB

RF audio interference level = 13.67 dBV/m

**Emission category: M4**

MIF scaled E-field

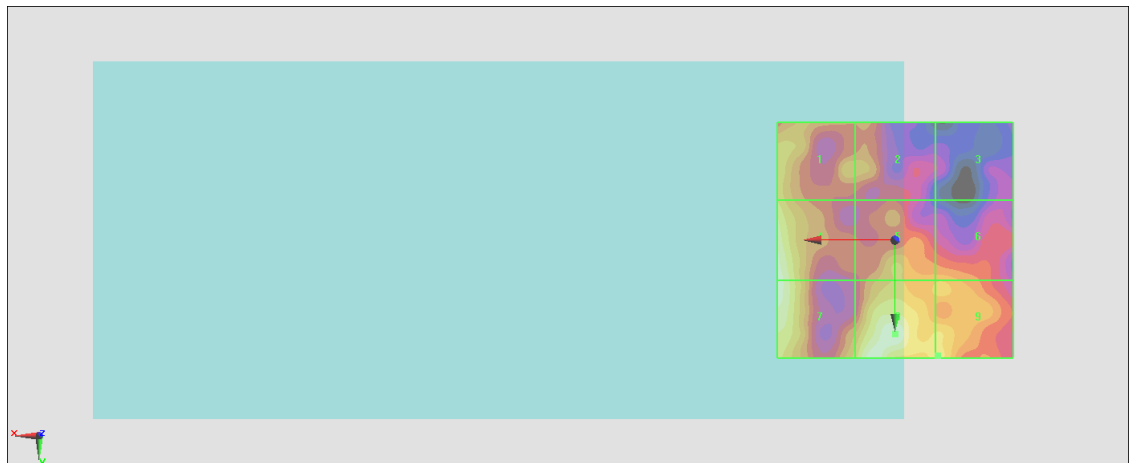
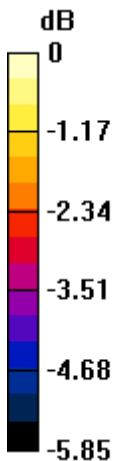
<b>Grid 1 M4</b> <b>12.56 dBV/m</b>	<b>Grid 2 M4</b> <b>11.99 dBV/m</b>	<b>Grid 3 M4</b> <b>10.22 dBV/m</b>
<b>Grid 4 M4</b> <b>13.57 dBV/m</b>	<b>Grid 5 M4</b> <b>12.21 dBV/m</b>	<b>Grid 6 M4</b> <b>12.06 dBV/m</b>
<b>Grid 7 M4</b> <b>13.56 dBV/m</b>	<b>Grid 8 M4</b> <b>13.67 dBV/m</b>	<b>Grid 9 M4</b> <b>12.67 dBV/m</b>

**Cursor:**

Total = 13.67 dBV/m

E Category: M4

Location: 0, 20, 8.7 mm



0 dB = 4.826 V/m = 13.67 dBV/m

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

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

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

Ambient Temperature : 23.4 °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 = 5.461 V/m; Power Drift = -0.13 dB

Applied MIF = -1.44 dB

RF audio interference level = 13.82 dBV/m

**Emission category: M4**

MIF scaled E-field

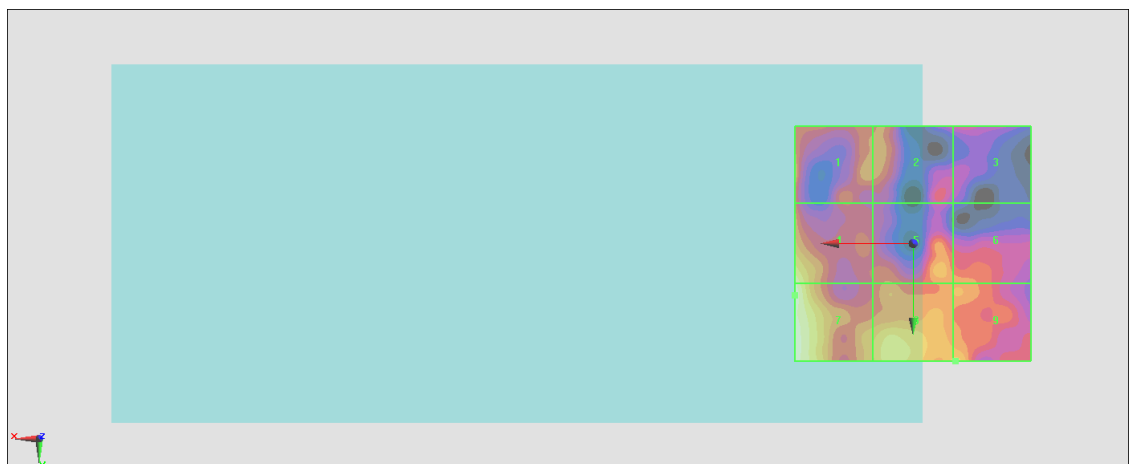
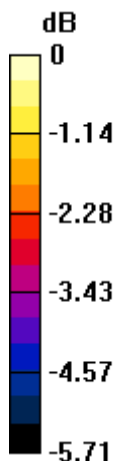
<b>Grid 1 M4</b> <b>12.12 dBV/m</b>	<b>Grid 2 M4</b> <b>11.9 dBV/m</b>	<b>Grid 3 M4</b> <b>10.96 dBV/m</b>
<b>Grid 4 M4</b> <b>13.56 dBV/m</b>	<b>Grid 5 M4</b> <b>12.18 dBV/m</b>	<b>Grid 6 M4</b> <b>11.84 dBV/m</b>
<b>Grid 7 M4</b> <b>13.82 dBV/m</b>	<b>Grid 8 M4</b> <b>12.99 dBV/m</b>	<b>Grid 9 M4</b> <b>12.48 dBV/m</b>

**Cursor:**

Total = 13.82 dBV/m

E Category: M4

Location: 25, 11, 8.7 mm



0 dB = 4.912 V/m = 13.83 dBV/m

## #21\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56150;Ant 11

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 = 6.075 V/m; Power Drift = -0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 14.21 dBV/m

**Emission category: M4**

MIF scaled E-field

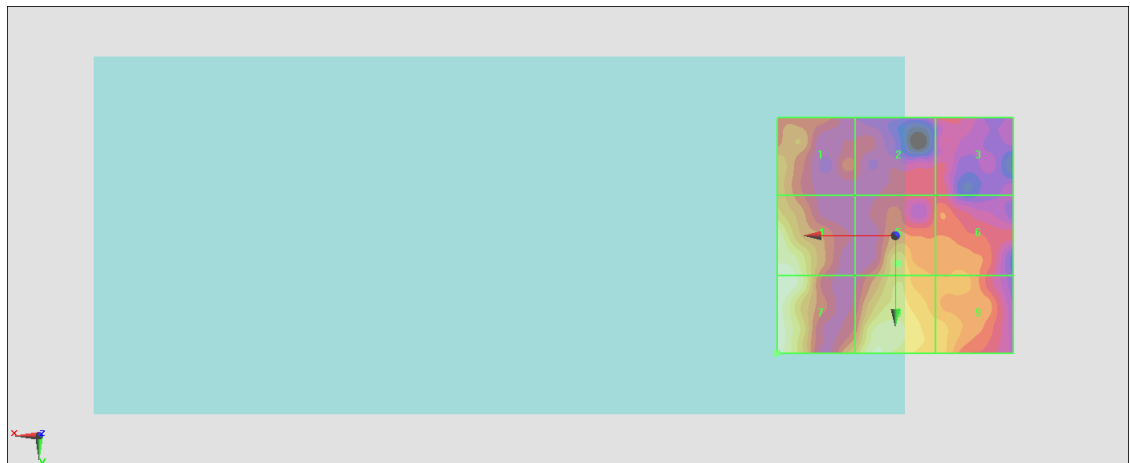
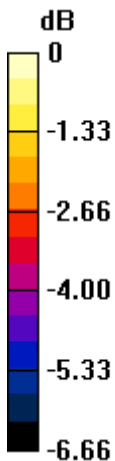
Grid 1 <b>M4</b> <b>12.47 dBV/m</b>	Grid 2 <b>M4</b> <b>11.1 dBV/m</b>	Grid 3 <b>M4</b> <b>11.05 dBV/m</b>
Grid 4 <b>M4</b> <b>14.13 dBV/m</b>	Grid 5 <b>M4</b> <b>12.82 dBV/m</b>	Grid 6 <b>M4</b> <b>12.15 dBV/m</b>
Grid 7 <b>M4</b> <b>14.21 dBV/m</b>	Grid 8 <b>M4</b> <b>13.88 dBV/m</b>	Grid 9 <b>M4</b> <b>12.77 dBV/m</b>

**Cursor:**

Total = 14.21 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 5.136 V/m = 14.21 dBV/m

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

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 6.653 V/m; Power Drift = -0.18 dB

Applied MIF = -1.44 dB

RF audio interference level = 15.55 dBV/m

**Emission category: M4**

MIF scaled E-field

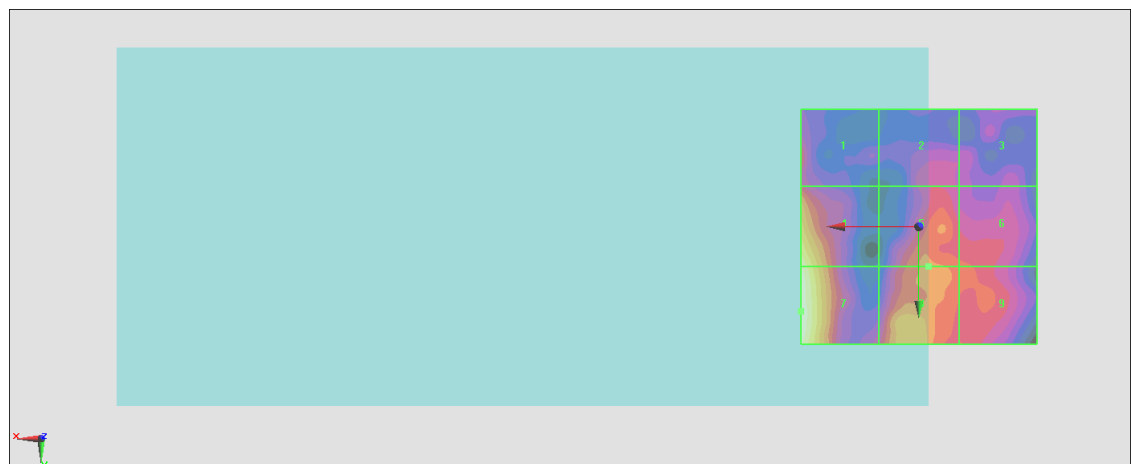
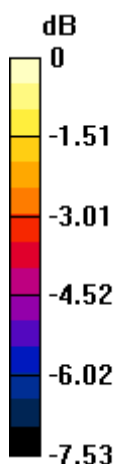
<b>Grid 1 M4</b> <b>12.22 dBV/m</b>	<b>Grid 2 M4</b> <b>11.56 dBV/m</b>	<b>Grid 3 M4</b> <b>11.05 dBV/m</b>
<b>Grid 4 M4</b> <b>15.13 dBV/m</b>	<b>Grid 5 M4</b> <b>12.71 dBV/m</b>	<b>Grid 6 M4</b> <b>12.28 dBV/m</b>
<b>Grid 7 M4</b> <b>15.55 dBV/m</b>	<b>Grid 8 M4</b> <b>13.53 dBV/m</b>	<b>Grid 9 M4</b> <b>12.41 dBV/m</b>

**Cursor:**

Total = 15.55 dBV/m

E Category: M4

Location: 25, 18, 8.7 mm



0 dB = 5.994 V/m = 15.55 dBV/m

### #23\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch1;Ant 4+5

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 = 31.58 V/m; Power Drift = -0.07 dB

Applied MIF = 0.12 dB

RF audio interference level = 27.72 dBV/m

**Emission category: M4**

MIF scaled E-field

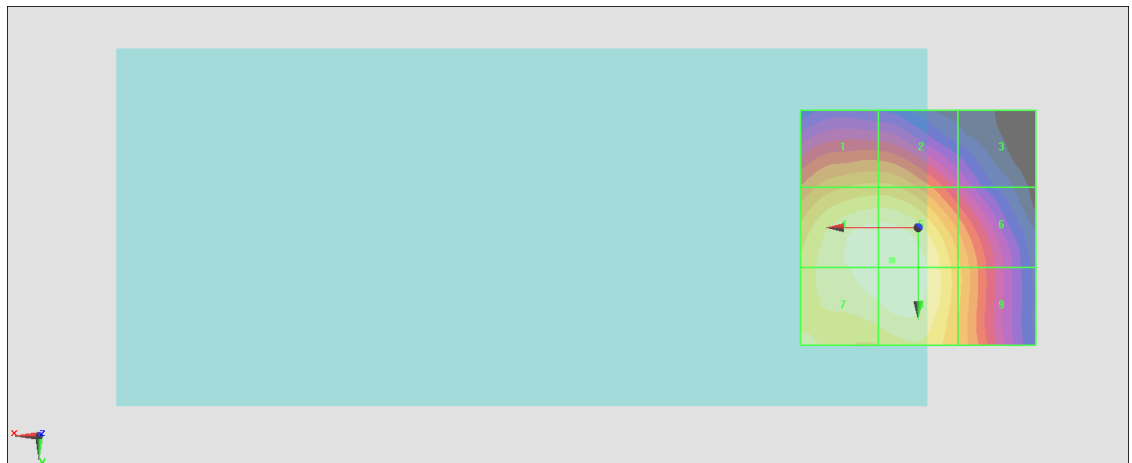
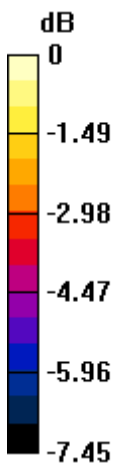
<b>Grid 1 M4</b> <b>25.94 dBV/m</b>	<b>Grid 2 M4</b> <b>25.94 dBV/m</b>	<b>Grid 3 M4</b> <b>23.51 dBV/m</b>
<b>Grid 4 M4</b> <b>27.66 dBV/m</b>	<b>Grid 5 M4</b> <b>27.72 dBV/m</b>	<b>Grid 6 M4</b> <b>25.87 dBV/m</b>
<b>Grid 7 M4</b> <b>27.6 dBV/m</b>	<b>Grid 8 M4</b> <b>27.71 dBV/m</b>	<b>Grid 9 M4</b> <b>25.93 dBV/m</b>

**Cursor:**

Total = 27.72 dBV/m

E Category: M4

Location: 5.5, 7, 8.7 mm



0 dB = 24.32 V/m = 27.72 dBV/m

## #24\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch6;Ant 4+5

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 = 60.21 V/m; Power Drift = -0.00 dB

Applied MIF = 0.12 dB

RF audio interference level = 32.89 dBV/m

**Emission category: M3**

MIF scaled E-field

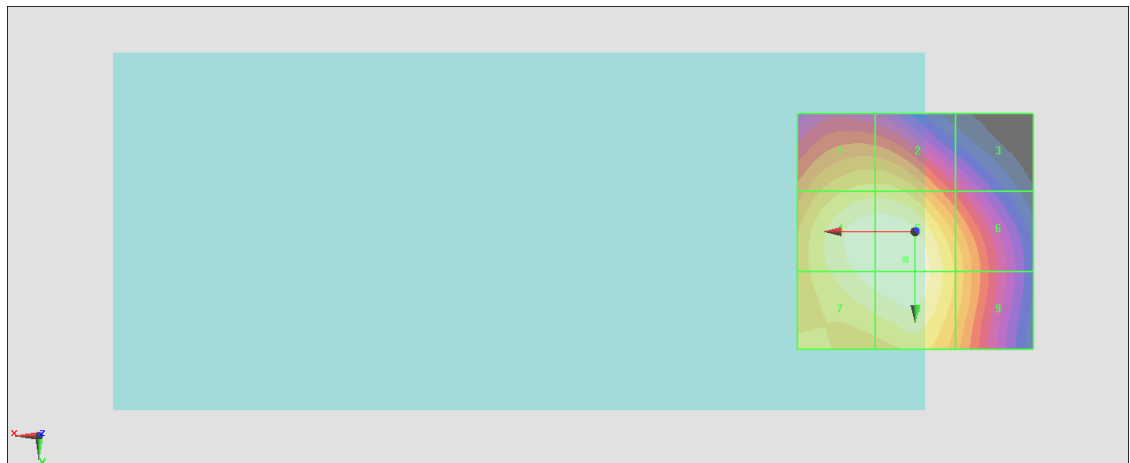
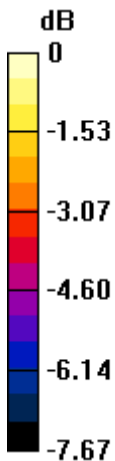
Grid 1 <b>M3</b> <b>31.64 dBV/m</b>	Grid 2 <b>M3</b> <b>31.65 dBV/m</b>	Grid 3 <b>M4</b> <b>29.13 dBV/m</b>
Grid 4 <b>M3</b> <b>32.86 dBV/m</b>	Grid 5 <b>M3</b> <b>32.89 dBV/m</b>	Grid 6 <b>M3</b> <b>31.28 dBV/m</b>
Grid 7 <b>M3</b> <b>32.67 dBV/m</b>	Grid 8 <b>M3</b> <b>32.84 dBV/m</b>	Grid 9 <b>M3</b> <b>31.29 dBV/m</b>

**Cursor:**

Total = 32.89 dBV/m

E Category: M3

Location: 2, 6, 8.7 mm



0 dB = 44.09 V/m = 32.89 dBV/m



### #25\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch11;Ant 4+5

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 = 33.14 V/m; Power Drift = -0.05 dB

Applied MIF = 0.12 dB

RF audio interference level = 27.64 dBV/m

**Emission category: M4**

MIF scaled E-field

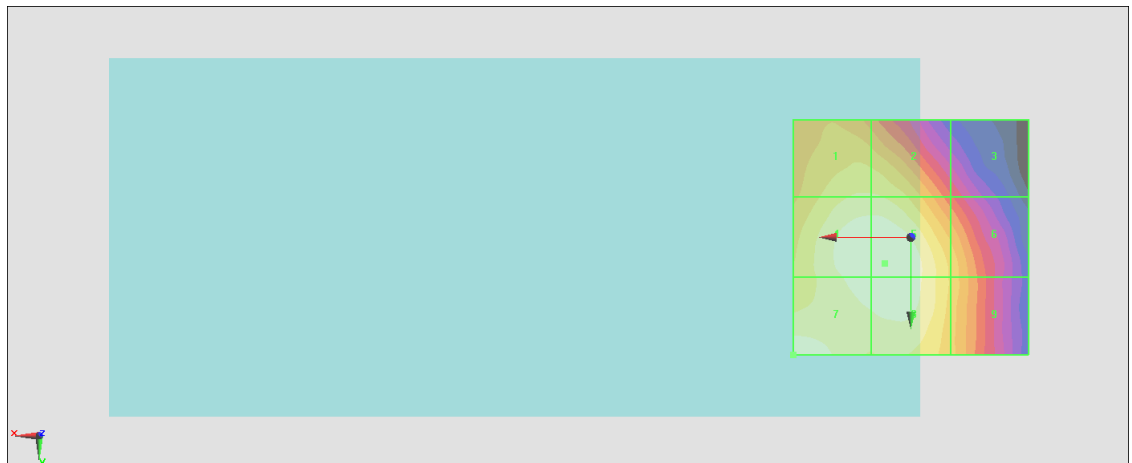
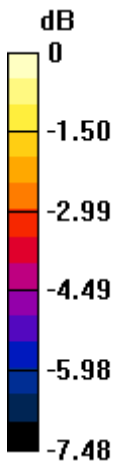
<b>Grid 1 M4</b> <b>26.75 dBV/m</b>	<b>Grid 2 M4</b> <b>26.74 dBV/m</b>	<b>Grid 3 M4</b> <b>24.29 dBV/m</b>
<b>Grid 4 M4</b> <b>27.59 dBV/m</b>	<b>Grid 5 M4</b> <b>27.63 dBV/m</b>	<b>Grid 6 M4</b> <b>26.05 dBV/m</b>
<b>Grid 7 M4</b> <b>27.64 dBV/m</b>	<b>Grid 8 M4</b> <b>27.59 dBV/m</b>	<b>Grid 9 M4</b> <b>26.06 dBV/m</b>

**Cursor:**

Total = 27.64 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 24.11 V/m = 27.64 dBV/m

### #41\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch6;Ant 4+5;AeroActive Cooler

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 = 50.24 V/m; Power Drift = -0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 31.51 dBV/m

**Emission category: M3**

MIF scaled E-field

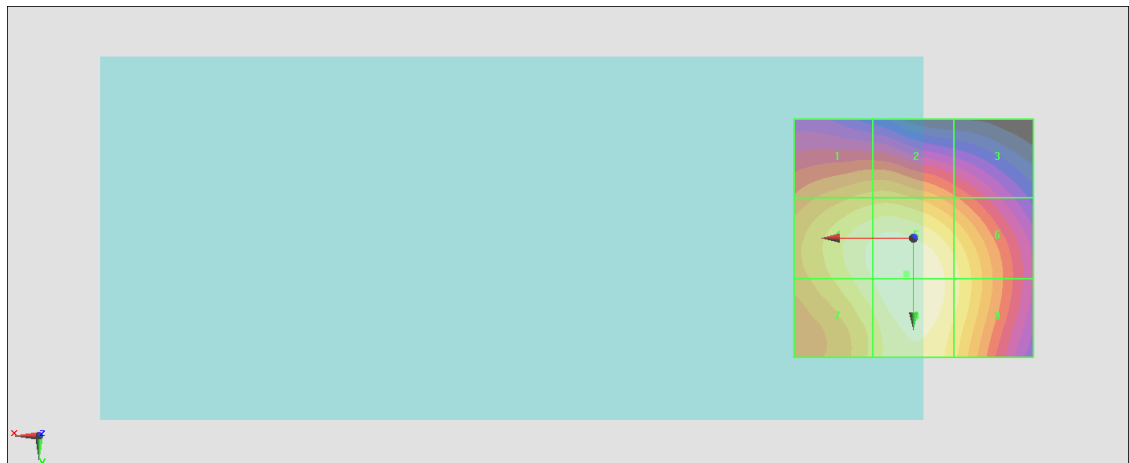
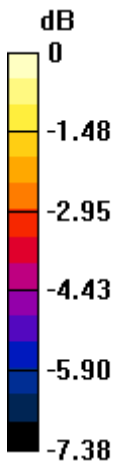
Grid 1 <b>M4</b> <b>29.79 dBV/m</b>	Grid 2 <b>M4</b> <b>29.84 dBV/m</b>	Grid 3 <b>M4</b> <b>28.68 dBV/m</b>
Grid 4 <b>M3</b> <b>31.17 dBV/m</b>	Grid 5 <b>M3</b> <b>31.51 dBV/m</b>	Grid 6 <b>M3</b> <b>30.72 dBV/m</b>
Grid 7 <b>M3</b> <b>31.03 dBV/m</b>	Grid 8 <b>M3</b> <b>31.51 dBV/m</b>	Grid 9 <b>M3</b> <b>30.74 dBV/m</b>

**Cursor:**

Total = 31.51 dBV/m

E Category: M3

Location: 1.5, 7.5, 8.7 mm



0 dB = 37.64 V/m = 31.51 dBV/m

## #26\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch36;Ant 4+5

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5180 MHz; Duty Cycle: 1:11.3789

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) @ 5180 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 = 19.35 V/m; Power Drift = -0.01 dB

Applied MIF = -3.15 dB

RF audio interference level = 24.15 dBV/m

**Emission category: M4**

MIF scaled E-field

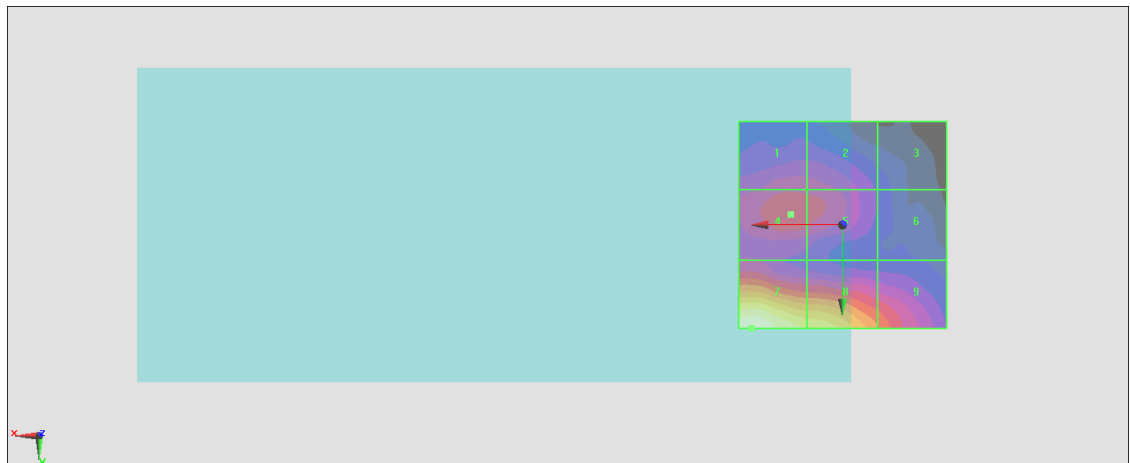
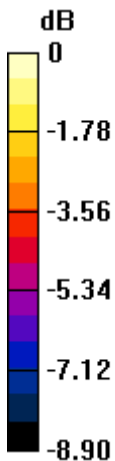
Grid 1 <b>M4</b> <b>19.34 dBV/m</b>	Grid 2 <b>M4</b> <b>19.27 dBV/m</b>	Grid 3 <b>M4</b> <b>17.55 dBV/m</b>
Grid 4 <b>M4</b> <b>19.88 dBV/m</b>	Grid 5 <b>M4</b> <b>19.73 dBV/m</b>	Grid 6 <b>M4</b> <b>17.66 dBV/m</b>
Grid 7 <b>M4</b> <b>24.15 dBV/m</b>	Grid 8 <b>M4</b> <b>22.95 dBV/m</b>	Grid 9 <b>M4</b> <b>20.66 dBV/m</b>

**Cursor:**

Total = 24.15 dBV/m

E Category: M4

Location: 22, 25, 8.7 mm



0 dB = 16.12 V/m = 24.15 dBV/m

## #27\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch40;Ant 4+5

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:11.3789

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) @ 5200 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 = 18.05 V/m; Power Drift = 0.09 dB

Applied MIF = -3.15 dB

RF audio interference level = 24.40 dBV/m

**Emission category: M4**

MIF scaled E-field

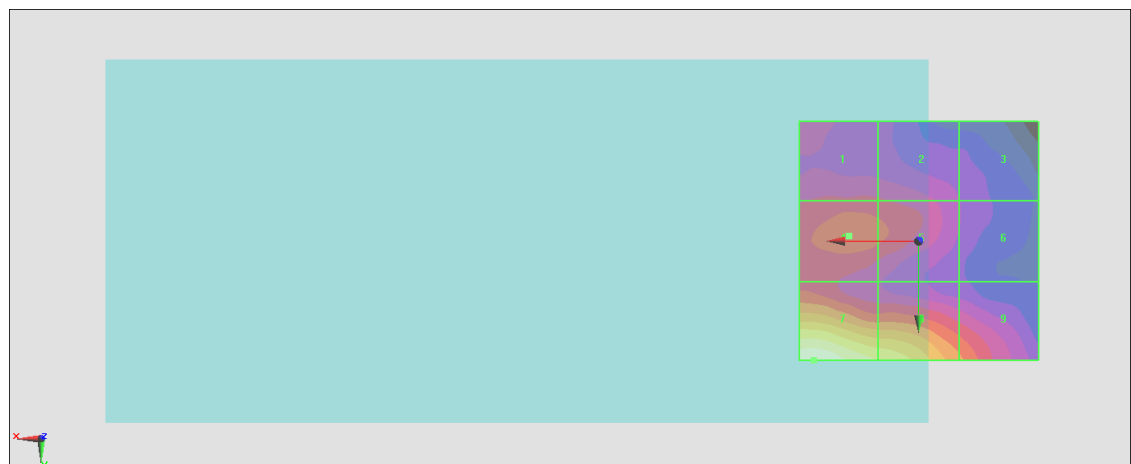
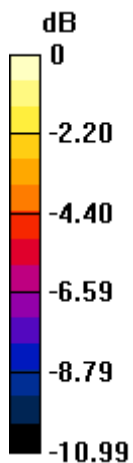
<b>Grid 1 M4</b> <b>18.76 dBV/m</b>	<b>Grid 2 M4</b> <b>18.68 dBV/m</b>	<b>Grid 3 M4</b> <b>17.11 dBV/m</b>
<b>Grid 4 M4</b> <b>19.75 dBV/m</b>	<b>Grid 5 M4</b> <b>19.48 dBV/m</b>	<b>Grid 6 M4</b> <b>17.16 dBV/m</b>
<b>Grid 7 M4</b> <b>24.4 dBV/m</b>	<b>Grid 8 M4</b> <b>22.95 dBV/m</b>	<b>Grid 9 M4</b> <b>20.23 dBV/m</b>

**Cursor:**

Total = 24.40 dBV/m

E Category: M4

Location: 22, 25, 8.7 mm



0 dB = 16.60 V/m = 24.40 dBV/m

## #28\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch44;Ant 4+5

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:11.3789

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) @ 5220 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 = 18.58 V/m; Power Drift = 0.07 dB

Applied MIF = -3.15 dB

RF audio interference level = 24.23 dBV/m

**Emission category: M4**

MIF scaled E-field

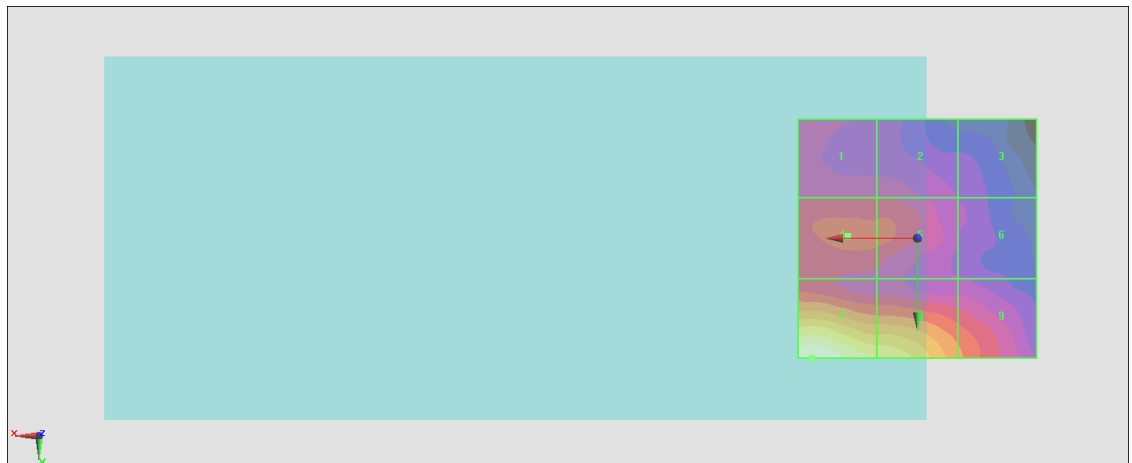
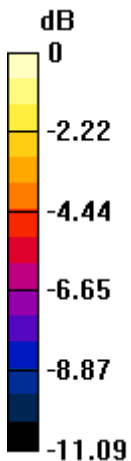
Grid 1 <b>M4</b> <b>18.41 dBV/m</b>	Grid 2 <b>M4</b> <b>18.39 dBV/m</b>	Grid 3 <b>M4</b> <b>16.85 dBV/m</b>
Grid 4 <b>M4</b> <b>19.41 dBV/m</b>	Grid 5 <b>M4</b> <b>19.32 dBV/m</b>	Grid 6 <b>M4</b> <b>17.09 dBV/m</b>
Grid 7 <b>M4</b> <b>24.23 dBV/m</b>	Grid 8 <b>M4</b> <b>22.81 dBV/m</b>	Grid 9 <b>M4</b> <b>20.03 dBV/m</b>

**Cursor:**

Total = 24.23 dBV/m

E Category: M4

Location: 22, 25, 8.7 mm



0 dB = 16.28 V/m = 24.23 dBV/m

## #29\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch48;Ant 4+5

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:11.3789

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) @ 5240 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 = 19.03 V/m; Power Drift = 0.03 dB

Applied MIF = -3.15 dB

RF audio interference level = 24.54 dBV/m

**Emission category: M4**

MIF scaled E-field

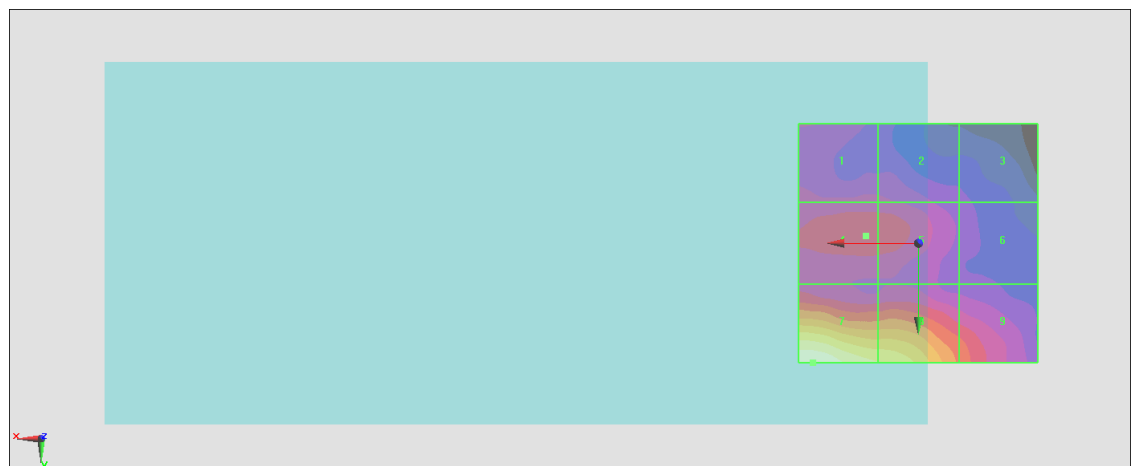
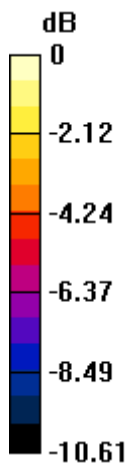
Grid 1 <b>M4</b> <b>18.54 dBV/m</b>	Grid 2 <b>M4</b> <b>18.48 dBV/m</b>	Grid 3 <b>M4</b> <b>17.05 dBV/m</b>
Grid 4 <b>M4</b> <b>19.41 dBV/m</b>	Grid 5 <b>M4</b> <b>19.36 dBV/m</b>	Grid 6 <b>M4</b> <b>17.42 dBV/m</b>
Grid 7 <b>M4</b> <b>24.54 dBV/m</b>	Grid 8 <b>M4</b> <b>23.2 dBV/m</b>	Grid 9 <b>M4</b> <b>20.16 dBV/m</b>

**Cursor:**

Total = 24.54 dBV/m

E Category: M4

Location: 22, 25, 8.7 mm



0 dB = 16.86 V/m = 24.54 dBV/m

### #30\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch52;Ant 4+5

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:11.3789

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) @ 5260 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 = 18.54 V/m; Power Drift = -0.13 dB

Applied MIF = -3.15 dB

RF audio interference level = 24.34 dBV/m

**Emission category: M4**

MIF scaled E-field

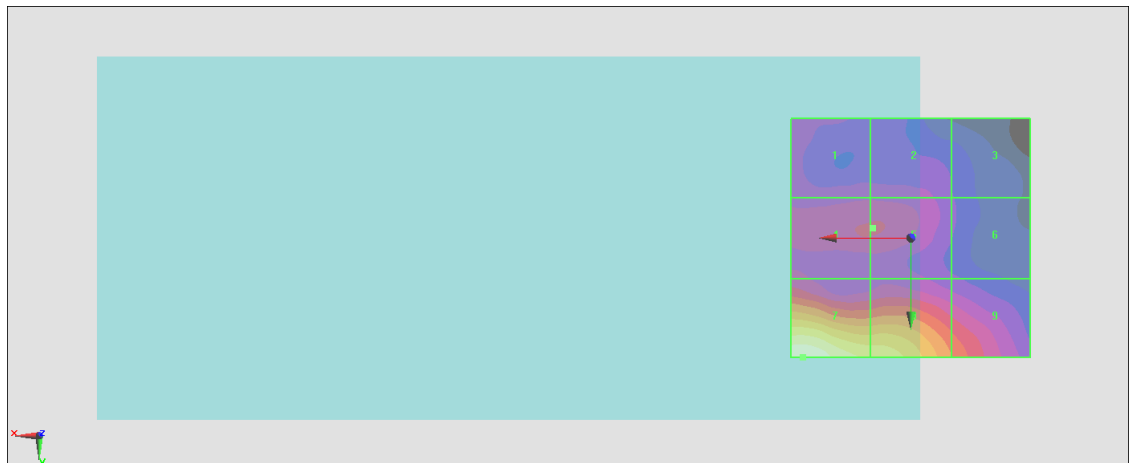
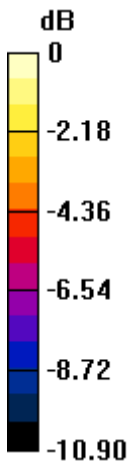
<b>Grid 1 M4</b> <b>17.69 dBV/m</b>	<b>Grid 2 M4</b> <b>17.69 dBV/m</b>	<b>Grid 3 M4</b> <b>16.47 dBV/m</b>
<b>Grid 4 M4</b> <b>18.61 dBV/m</b>	<b>Grid 5 M4</b> <b>18.61 dBV/m</b>	<b>Grid 6 M4</b> <b>16.59 dBV/m</b>
<b>Grid 7 M4</b> <b>24.34 dBV/m</b>	<b>Grid 8 M4</b> <b>22.75 dBV/m</b>	<b>Grid 9 M4</b> <b>20.04 dBV/m</b>

**Cursor:**

Total = 24.34 dBV/m

E Category: M4

Location: 22.5, 25, 8.7 mm



0 dB = 16.48 V/m = 24.34 dBV/m

### #31\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch56;Ant 4+5

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:11.3789

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) @ 5280 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 = 18.68 V/m; Power Drift = -0.01 dB

Applied MIF = -3.15 dB

RF audio interference level = 24.65 dBV/m

**Emission category: M4**

MIF scaled E-field

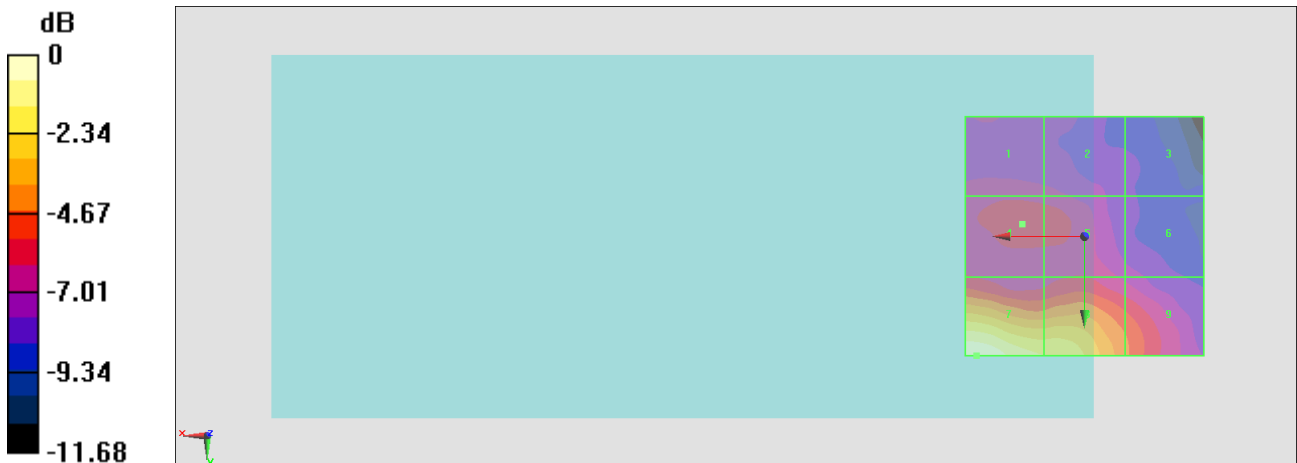
<b>Grid 1 M4</b> <b>18.28 dBV/m</b>	<b>Grid 2 M4</b> <b>18.05 dBV/m</b>	<b>Grid 3 M4</b> <b>16.46 dBV/m</b>
<b>Grid 4 M4</b> <b>19.05 dBV/m</b>	<b>Grid 5 M4</b> <b>18.91 dBV/m</b>	<b>Grid 6 M4</b> <b>17.48 dBV/m</b>
<b>Grid 7 M4</b> <b>24.65 dBV/m</b>	<b>Grid 8 M4</b> <b>23.14 dBV/m</b>	<b>Grid 9 M4</b> <b>20.21 dBV/m</b>

**Cursor:**

Total = 24.65 dBV/m

E Category: M4

Location: 22.5, 25, 8.7 mm



0 dB = 17.09 V/m = 24.65 dBV/m



### #32\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch60;Ant 4+5

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:11.3789

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) @ 5300 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 = 18.06 V/m; Power Drift = 0.17 dB

Applied MIF = -3.15 dB

RF audio interference level = 24.63 dBV/m

**Emission category: M4**

MIF scaled E-field

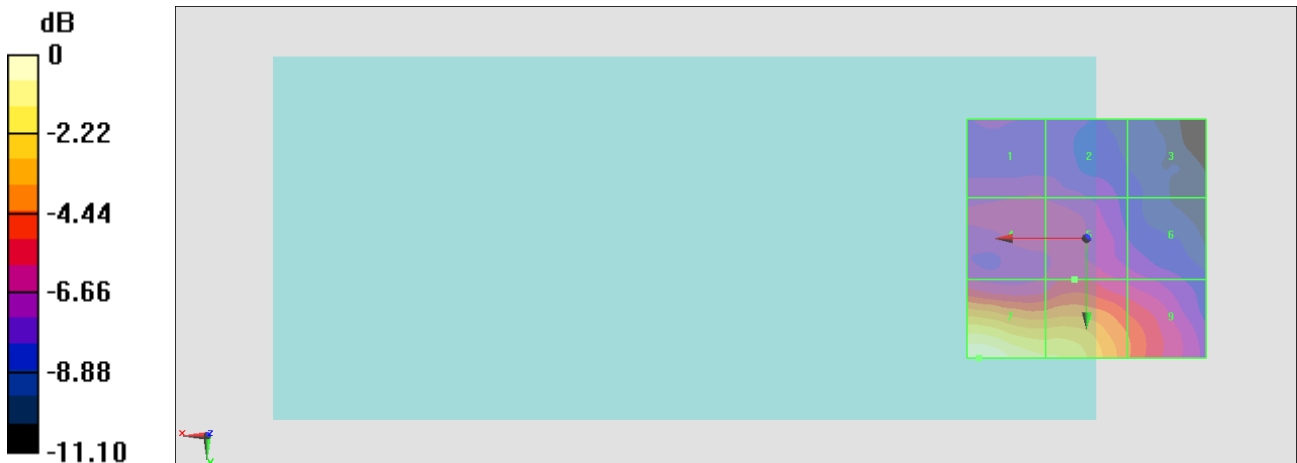
<b>Grid 1 M4</b> <b>18.09 dBV/m</b>	<b>Grid 2 M4</b> <b>17.99 dBV/m</b>	<b>Grid 3 M4</b> <b>16.27 dBV/m</b>
<b>Grid 4 M4</b> <b>18.59 dBV/m</b>	<b>Grid 5 M4</b> <b>18.81 dBV/m</b>	<b>Grid 6 M4</b> <b>17.78 dBV/m</b>
<b>Grid 7 M4</b> <b>24.63 dBV/m</b>	<b>Grid 8 M4</b> <b>23.24 dBV/m</b>	<b>Grid 9 M4</b> <b>20.38 dBV/m</b>

**Cursor:**

Total = 24.63 dBV/m

E Category: M4

Location: 22.5, 25, 8.7 mm



0 dB = 17.05 V/m = 24.63 dBV/m

### #33\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch64;Ant 4+5

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5320 MHz; Duty Cycle: 1:11.3789

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) @ 5320 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 = 18.13 V/m; Power Drift = 0.13 dB

Applied MIF = -3.15 dB

RF audio interference level = 25.00 dBV/m

**Emission category: M4**

MIF scaled E-field

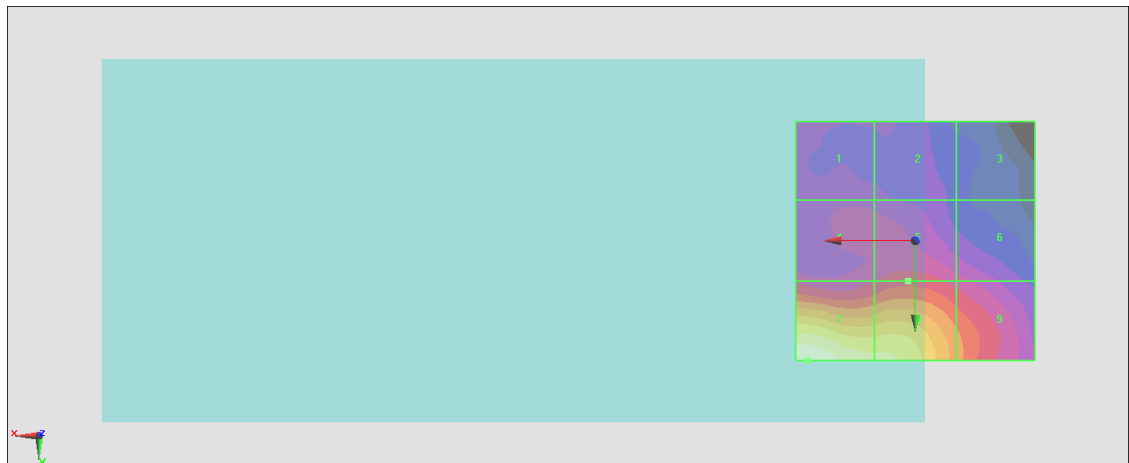
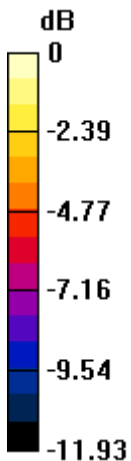
<b>Grid 1 M4</b> <b>17.68 dBV/m</b>	<b>Grid 2 M4</b> <b>17.5 dBV/m</b>	<b>Grid 3 M4</b> <b>15.95 dBV/m</b>
<b>Grid 4 M4</b> <b>18.69 dBV/m</b>	<b>Grid 5 M4</b> <b>19.21 dBV/m</b>	<b>Grid 6 M4</b> <b>18.33 dBV/m</b>
<b>Grid 7 M4</b> <b>25 dBV/m</b>	<b>Grid 8 M4</b> <b>23.65 dBV/m</b>	<b>Grid 9 M4</b> <b>20.65 dBV/m</b>

**Cursor:**

Total = 25.00 dBV/m

E Category: M4

Location: 22.5, 25, 8.7 mm



0 dB = 17.79 V/m = 25.00 dBV/m

### #34\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch100;Ant 4+5

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5500 MHz; Duty Cycle: 1:11.3789

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) @ 5500 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 = 16.90 V/m; Power Drift = -0.04 dB

Applied MIF = -3.15 dB

RF audio interference level = 24.80 dBV/m

**Emission category: M4**

MIF scaled E-field

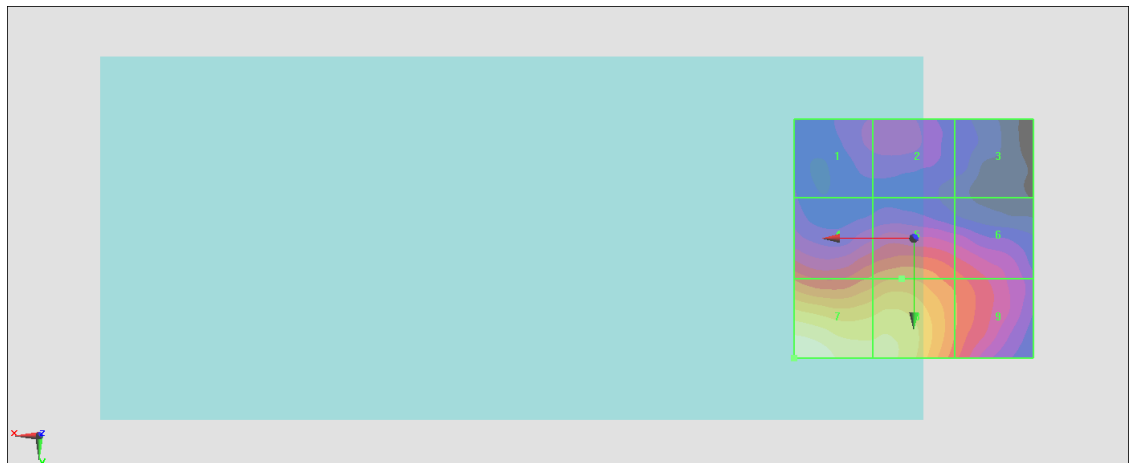
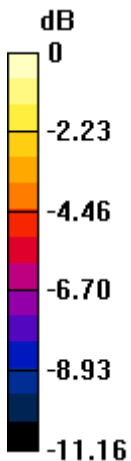
<b>Grid 1 M4</b> <b>17.64 dBV/m</b>	<b>Grid 2 M4</b> <b>17.84 dBV/m</b>	<b>Grid 3 M4</b> <b>16.44 dBV/m</b>
<b>Grid 4 M4</b> <b>20.59 dBV/m</b>	<b>Grid 5 M4</b> <b>21.13 dBV/m</b>	<b>Grid 6 M4</b> <b>19.99 dBV/m</b>
<b>Grid 7 M4</b> <b>24.8 dBV/m</b>	<b>Grid 8 M4</b> <b>23.62 dBV/m</b>	<b>Grid 9 M4</b> <b>20.51 dBV/m</b>

**Cursor:**

Total = 24.80 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



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

### #35\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch116;Ant 4+5

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5580 MHz; Duty Cycle: 1:11.3789

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) @ 5580 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 = 14.51 V/m; Power Drift = 0.15 dB

Applied MIF = -3.15 dB

RF audio interference level = 23.83 dBV/m

**Emission category: M4**

MIF scaled E-field

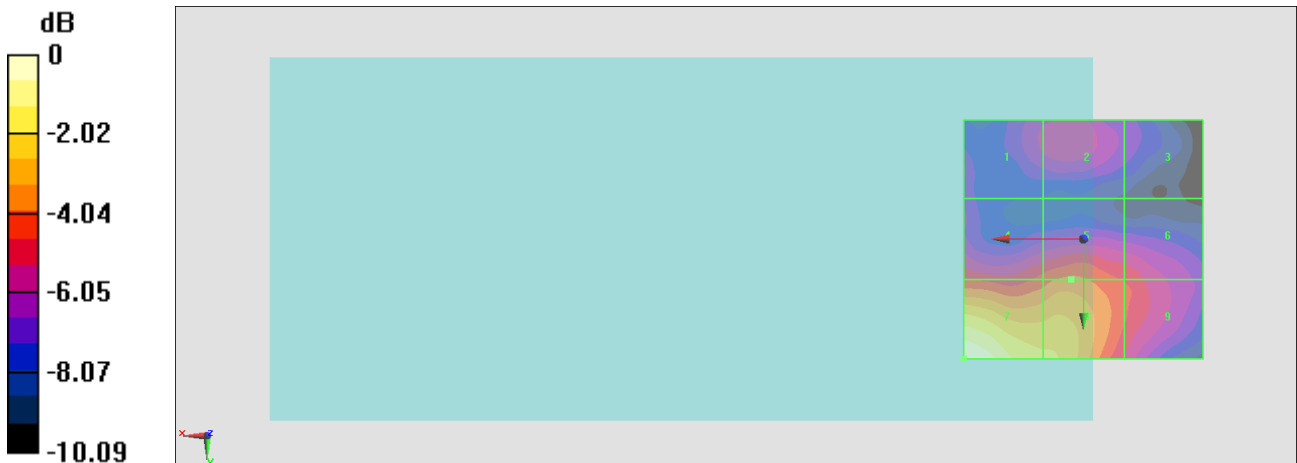
<b>Grid 1 M4</b> <b>17.98 dBV/m</b>	<b>Grid 2 M4</b> <b>18.44 dBV/m</b>	<b>Grid 3 M4</b> <b>16.98 dBV/m</b>
<b>Grid 4 M4</b> <b>19.45 dBV/m</b>	<b>Grid 5 M4</b> <b>19.98 dBV/m</b>	<b>Grid 6 M4</b> <b>19.08 dBV/m</b>
<b>Grid 7 M4</b> <b>23.83 dBV/m</b>	<b>Grid 8 M4</b> <b>21.95 dBV/m</b>	<b>Grid 9 M4</b> <b>19.35 dBV/m</b>

**Cursor:**

Total = 23.83 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



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

### #36\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch132;Ant 4+5

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5660 MHz; Duty Cycle: 1:11.3789

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) @ 5660 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 = 13.96 V/m; Power Drift = 0.06 dB

Applied MIF = -3.15 dB

RF audio interference level = 22.38 dBV/m

**Emission category: M4**

MIF scaled E-field

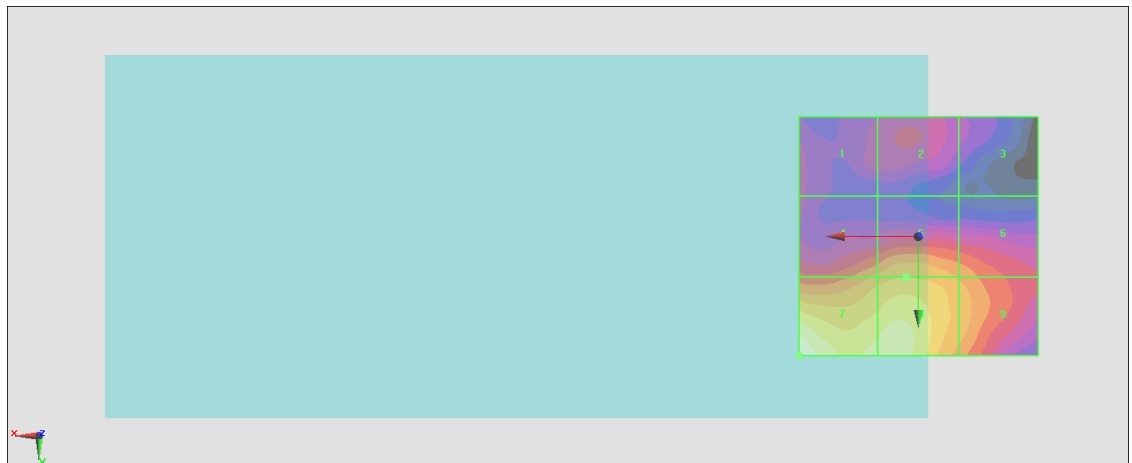
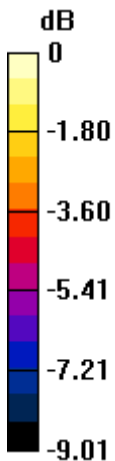
<b>Grid 1 M4</b> <b>17.4 dBV/m</b>	<b>Grid 2 M4</b> <b>17.69 dBV/m</b>	<b>Grid 3 M4</b> <b>16.67 dBV/m</b>
<b>Grid 4 M4</b> <b>19.55 dBV/m</b>	<b>Grid 5 M4</b> <b>20.02 dBV/m</b>	<b>Grid 6 M4</b> <b>19.3 dBV/m</b>
<b>Grid 7 M4</b> <b>22.38 dBV/m</b>	<b>Grid 8 M4</b> <b>21.55 dBV/m</b>	<b>Grid 9 M4</b> <b>19.79 dBV/m</b>

**Cursor:**

Total = 22.38 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 13.15 V/m = 22.38 dBV/m

### #37\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch140;Ant 4+5

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5700 MHz; Duty Cycle: 1:11.3789

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) @ 5700 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 = 14.09 V/m; Power Drift = 0.06 dB

Applied MIF = -3.15 dB

RF audio interference level = 22.39 dBV/m

**Emission category: M4**

MIF scaled E-field

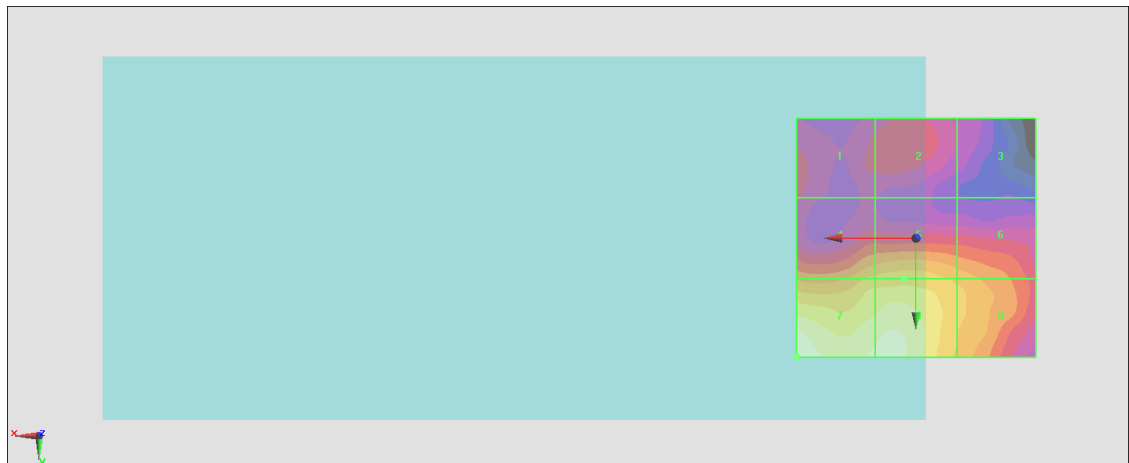
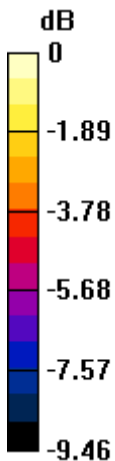
<b>Grid 1 M4</b> <b>17.87 dBV/m</b>	<b>Grid 2 M4</b> <b>17.96 dBV/m</b>	<b>Grid 3 M4</b> <b>16.8 dBV/m</b>
<b>Grid 4 M4</b> <b>20.07 dBV/m</b>	<b>Grid 5 M4</b> <b>20.23 dBV/m</b>	<b>Grid 6 M4</b> <b>19.7 dBV/m</b>
<b>Grid 7 M4</b> <b>22.39 dBV/m</b>	<b>Grid 8 M4</b> <b>22.07 dBV/m</b>	<b>Grid 9 M4</b> <b>20.11 dBV/m</b>

**Cursor:**

Total = 22.39 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 13.16 V/m = 22.39 dBV/m

### #38\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch149;Ant 4+5

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3789

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) @ 5745 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 = 14.88 V/m; Power Drift = 0.03 dB

Applied MIF = -3.15 dB

RF audio interference level = 23.19 dBV/m

**Emission category: M4**

MIF scaled E-field

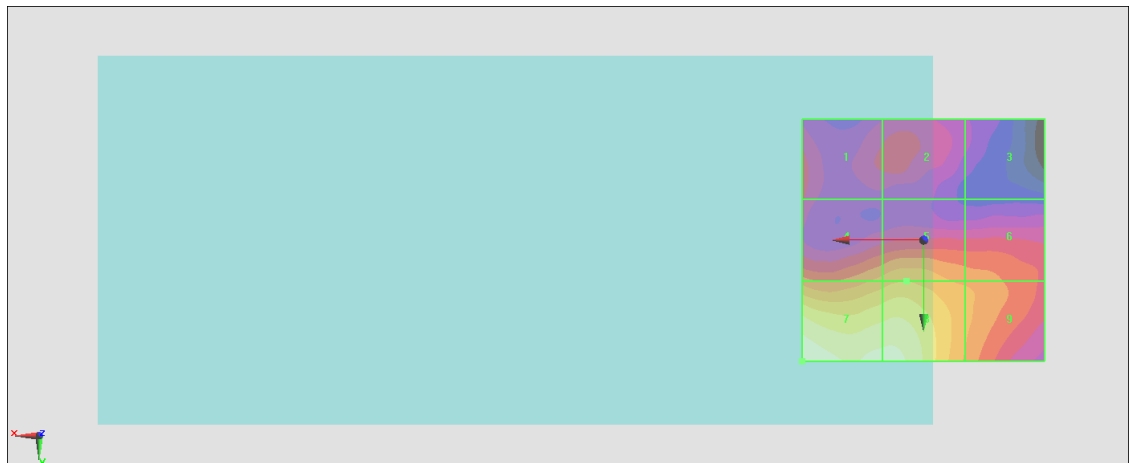
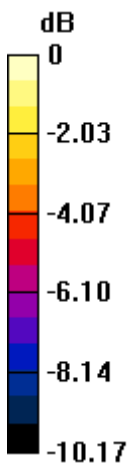
Grid 1 <b>M4</b> <b>18.25 dBV/m</b>	Grid 2 <b>M4</b> <b>18.1 dBV/m</b>	Grid 3 <b>M4</b> <b>16.65 dBV/m</b>
Grid 4 <b>M4</b> <b>20.12 dBV/m</b>	Grid 5 <b>M4</b> <b>20.48 dBV/m</b>	Grid 6 <b>M4</b> <b>19.69 dBV/m</b>
Grid 7 <b>M4</b> <b>23.19 dBV/m</b>	Grid 8 <b>M4</b> <b>22.79 dBV/m</b>	Grid 9 <b>M4</b> <b>20.03 dBV/m</b>

**Cursor:**

Total = 23.19 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 14.43 V/m = 23.19 dBV/m

### #39\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch157;Ant 4+5

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3789

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) @ 5785 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 = 14.30 V/m; Power Drift = -0.01 dB

Applied MIF = -3.15 dB

RF audio interference level = 22.42 dBV/m

**Emission category: M4**

MIF scaled E-field

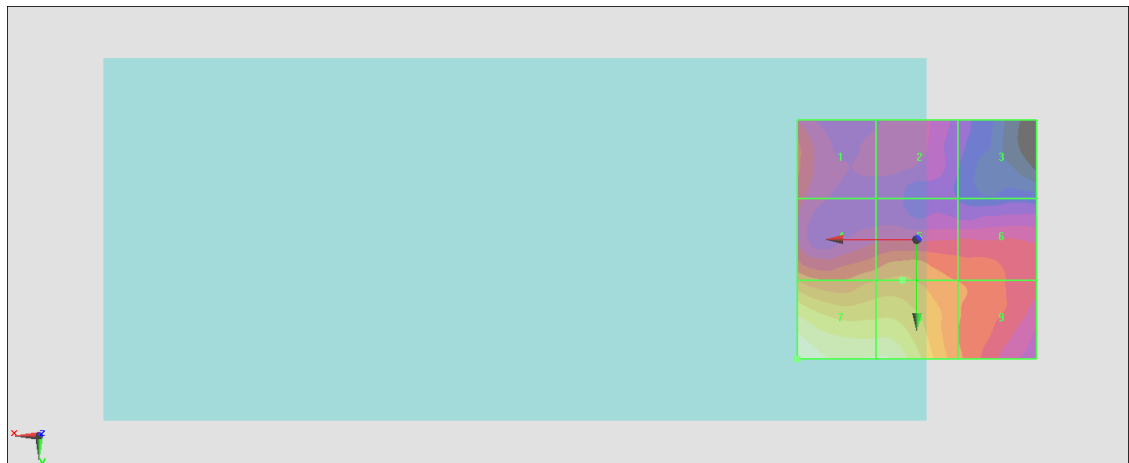
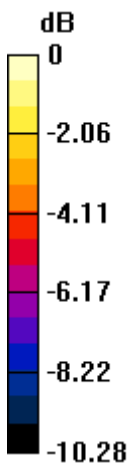
<b>Grid 1 M4</b> <b>17.89 dBV/m</b>	<b>Grid 2 M4</b> <b>16.87 dBV/m</b>	<b>Grid 3 M4</b> <b>15.31 dBV/m</b>
<b>Grid 4 M4</b> <b>19.02 dBV/m</b>	<b>Grid 5 M4</b> <b>19.13 dBV/m</b>	<b>Grid 6 M4</b> <b>18.3 dBV/m</b>
<b>Grid 7 M4</b> <b>22.42 dBV/m</b>	<b>Grid 8 M4</b> <b>21.85 dBV/m</b>	<b>Grid 9 M4</b> <b>18.56 dBV/m</b>

**Cursor:**

Total = 22.42 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 13.21 V/m = 22.42 dBV/m



## #40\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch165;Ant 4+5

Communication System: IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3789

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) @ 5825 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 = 15.20 V/m; Power Drift = 0.10 dB

Applied MIF = -3.15 dB

RF audio interference level = 22.23 dBV/m

**Emission category: M4**

MIF scaled E-field

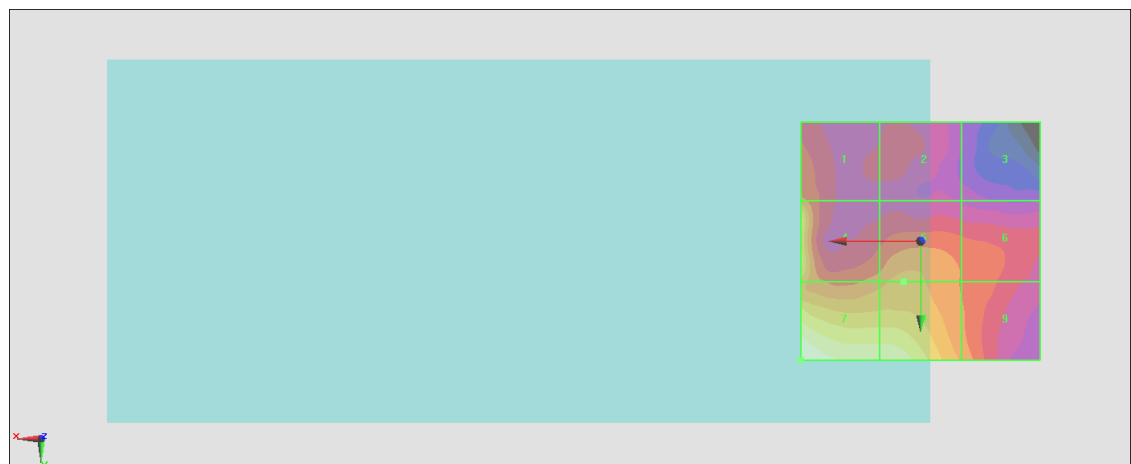
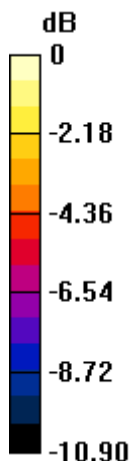
Grid 1 <b>M4</b> <b>18.28 dBV/m</b>	Grid 2 <b>M4</b> <b>16.8 dBV/m</b>	Grid 3 <b>M4</b> <b>15.58 dBV/m</b>
Grid 4 <b>M4</b> <b>20.49 dBV/m</b>	Grid 5 <b>M4</b> <b>18.85 dBV/m</b>	Grid 6 <b>M4</b> <b>17.87 dBV/m</b>
Grid 7 <b>M4</b> <b>22.23 dBV/m</b>	Grid 8 <b>M4</b> <b>21.56 dBV/m</b>	Grid 9 <b>M4</b> <b>18.54 dBV/m</b>

**Cursor:**

Total = 22.23 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



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