



REPORT No. : SZ19030080S01

## Annex D Plots of RF Test Results

### HAC RF\_GSM850\_GSM Voice\_Ch128\_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch128/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 = 6.047 V/m; Power Drift = -0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 18.19 dBV/m

**Emission category: M4**

MIF scaled E-field

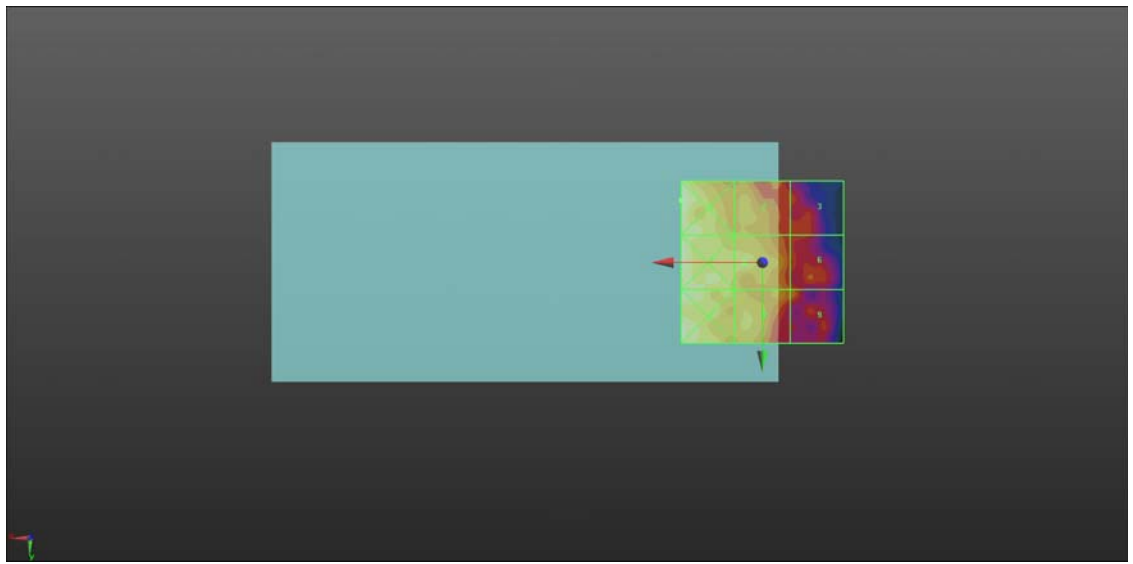
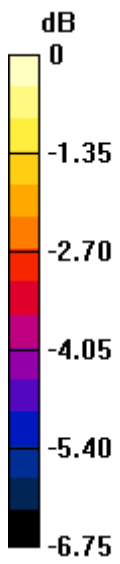
<b>Grid 1 M4</b> <b>19.02 dBV/m</b>	<b>Grid 2 M4</b> <b>17.4 dBV/m</b>	<b>Grid 3 M4</b> <b>16.32 dBV/m</b>
<b>Grid 4 M4</b> <b>18.92 dBV/m</b>	<b>Grid 5 M4</b> <b>18.19 dBV/m</b>	<b>Grid 6 M4</b> <b>16.46 dBV/m</b>
<b>Grid 7 M4</b> <b>18.78 dBV/m</b>	<b>Grid 8 M4</b> <b>17.76 dBV/m</b>	<b>Grid 9 M4</b> <b>16.59 dBV/m</b>

**Cursor:**

Total = 19.02 dBV/m

E Category: M4

Location: 25, -19, 8.7 mm



0 dB = 8.928 V/m = 19.02 dBV/m

**HAC RF\_GSM850\_GSM Voice\_Ch189\_E**

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**189/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 = 6.919 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 18.48 dBV/m

**Emission category: M4**

MIF scaled E-field

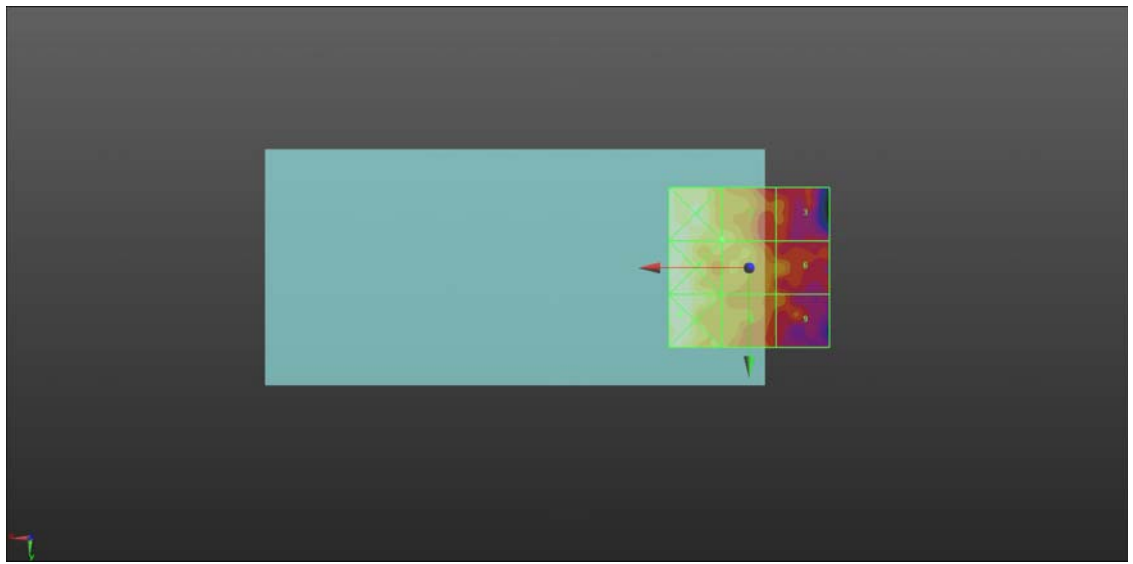
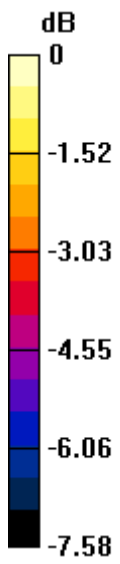
<b>Grid 1 M4</b> <b>19.66 dBV/m</b>	<b>Grid 2 M4</b> <b>18.48 dBV/m</b>	<b>Grid 3 M4</b> <b>17.07 dBV/m</b>
<b>Grid 4 M4</b> <b>19.74 dBV/m</b>	<b>Grid 5 M4</b> <b>18.47 dBV/m</b>	<b>Grid 6 M4</b> <b>17.65 dBV/m</b>
<b>Grid 7 M4</b> <b>19.82 dBV/m</b>	<b>Grid 8 M4</b> <b>18.18 dBV/m</b>	<b>Grid 9 M4</b> <b>17.26 dBV/m</b>

**Cursor:**

Total = 19.82 dBV/m

E Category: M4

Location: 21.5, 14.5, 8.7 mm



0 dB = 9.796 V/m = 19.82 dBV/m

### HAC RF\_GSM850\_GSM Voice\_Ch251\_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch251/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 = 5.961 V/m; Power Drift = 0.16 dB

Applied MIF = 3.63 dB

RF audio interference level = 17.94 dBV/m

**Emission category: M4**

MIF scaled E-field

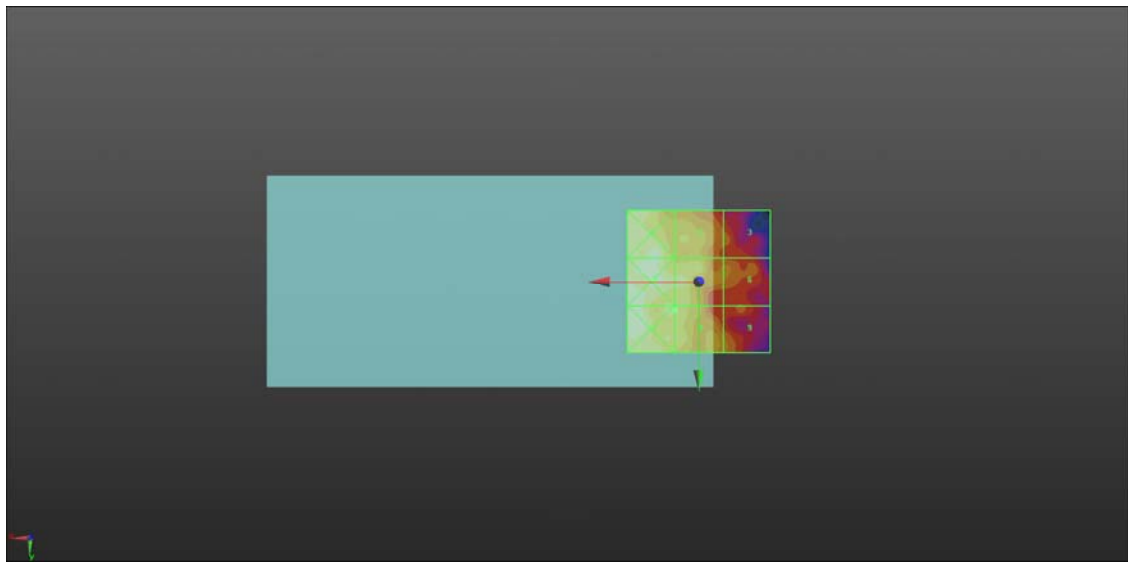
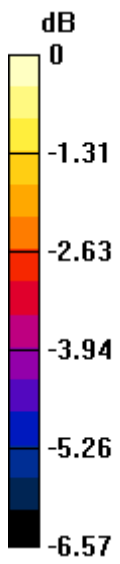
<b>Grid 1 M4</b> <b>18.5 dBV/m</b>	<b>Grid 2 M4</b> <b>17.31 dBV/m</b>	<b>Grid 3 M4</b> <b>16.26 dBV/m</b>
<b>Grid 4 M4</b> <b>18.56 dBV/m</b>	<b>Grid 5 M4</b> <b>17.87 dBV/m</b>	<b>Grid 6 M4</b> <b>16.53 dBV/m</b>
<b>Grid 7 M4</b> <b>18.4 dBV/m</b>	<b>Grid 8 M4</b> <b>17.94 dBV/m</b>	<b>Grid 9 M4</b> <b>16.65 dBV/m</b>

**Cursor:**

Total = 18.56 dBV/m

E Category: M4

Location: 15.5, -0.5, 8.7 mm



0 dB = 8.468 V/m = 18.56 dBV/m

### HAC RF\_GSM1900\_GSM Voice\_Ch512\_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch512/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 = 5.941 V/m; Power Drift = -0.18 dB

Applied MIF = 3.63 dB

RF audio interference level = 17.98 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>18.53 dBV/m</b>	<b>Grid 2 M4</b> <b>17.79 dBV/m</b>	<b>Grid 3 M4</b> <b>16.8 dBV/m</b>
<b>Grid 4 M4</b> <b>18.89 dBV/m</b>	<b>Grid 5 M4</b> <b>17.98 dBV/m</b>	<b>Grid 6 M4</b> <b>16.89 dBV/m</b>
<b>Grid 7 M4</b> <b>18.68 dBV/m</b>	<b>Grid 8 M4</b> <b>17.7 dBV/m</b>	<b>Grid 9 M4</b> <b>16.2 dBV/m</b>

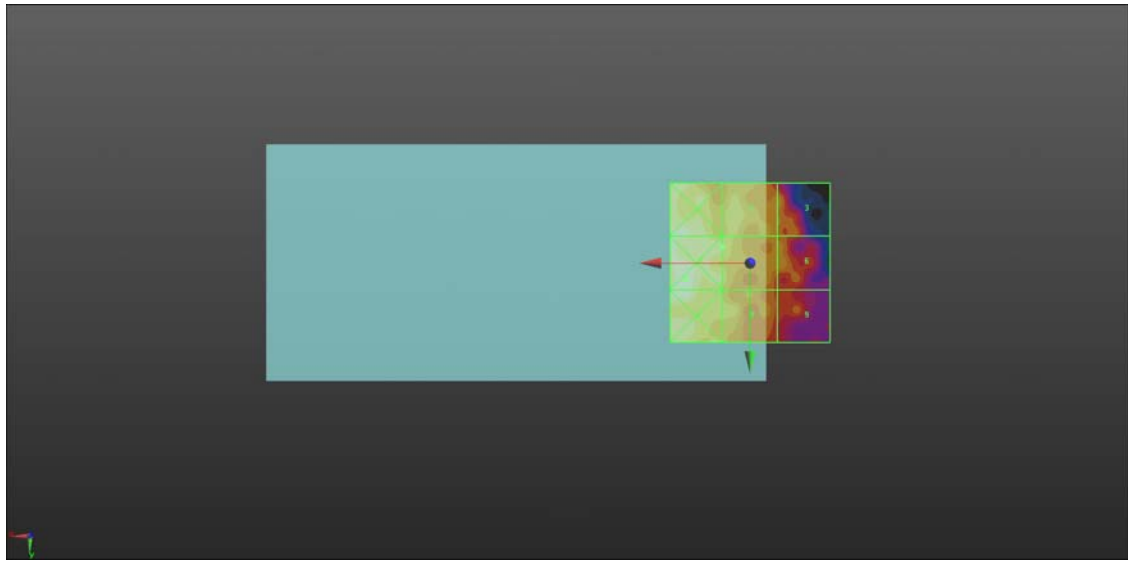
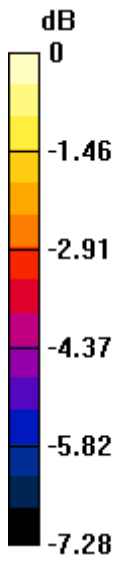
**Cursor:**

Total = 18.89 dBV/m

E Category: M4

Location: 20, 5, 8.7 mm





0 dB = 8.800 V/m = 18.89 dBV/m

### HAC RF\_GSM1900\_GSM Voice\_Ch661\_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch661/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 = 5.835 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 18.29 dBV/m

**Emission category: M4**

MIF scaled E-field

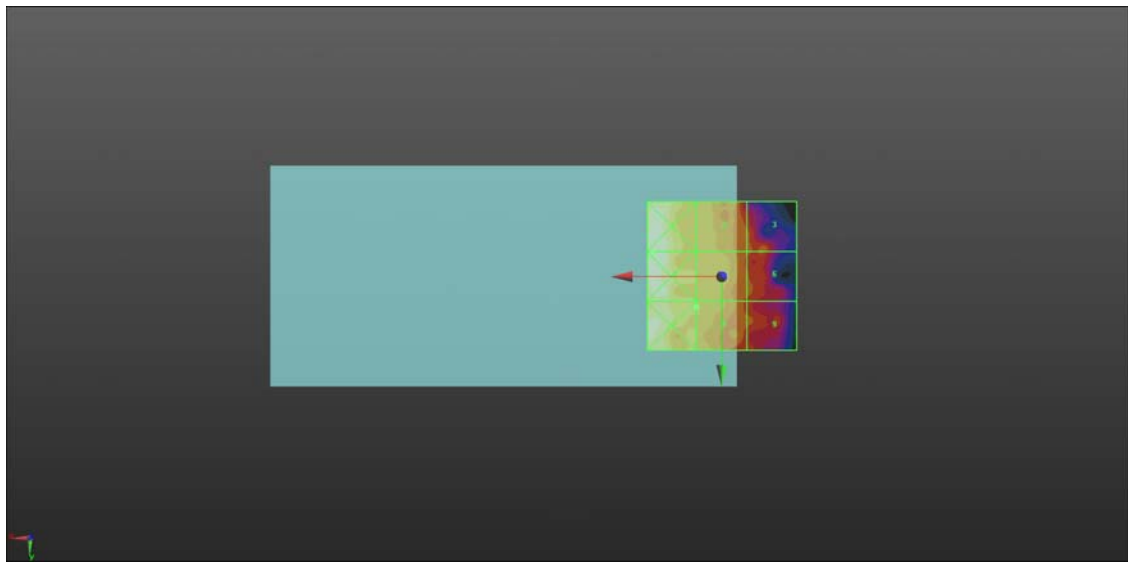
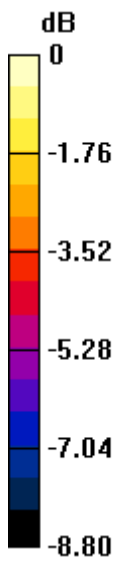
<b>Grid 1 M4</b> <b>19.8 dBV/m</b>	<b>Grid 2 M4</b> <b>18.03 dBV/m</b>	<b>Grid 3 M4</b> <b>16.52 dBV/m</b>
<b>Grid 4 M4</b> <b>19.8 dBV/m</b>	<b>Grid 5 M4</b> <b>18.15 dBV/m</b>	<b>Grid 6 M4</b> <b>16.48 dBV/m</b>
<b>Grid 7 M4</b> <b>19.47 dBV/m</b>	<b>Grid 8 M4</b> <b>18.29 dBV/m</b>	<b>Grid 9 M4</b> <b>16.47 dBV/m</b>

**Cursor:**

Total = 19.80 dBV/m

E Category: M4

Location: 23, -8, 8.7 mm



0 dB = 9.773 V/m = 19.80 dBV/m

### HAC RF\_GSM1900\_GSM Voice\_Ch810\_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch810/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 = 5.960 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 18.33 dBV/m

**Emission category: M4**

MIF scaled E-field

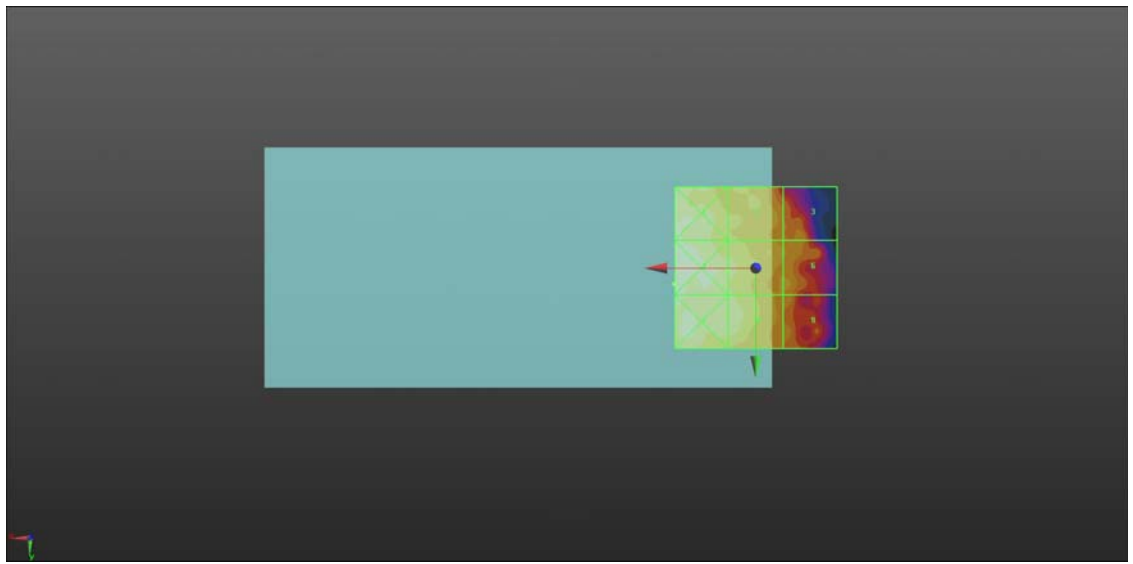
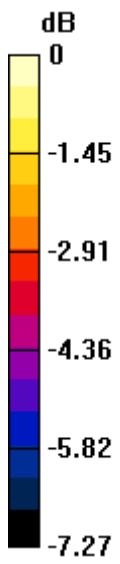
<b>Grid 1 M4</b> <b>18.71 dBV/m</b>	<b>Grid 2 M4</b> <b>17.85 dBV/m</b>	<b>Grid 3 M4</b> <b>16.97 dBV/m</b>
<b>Grid 4 M4</b> <b>19.01 dBV/m</b>	<b>Grid 5 M4</b> <b>18.33 dBV/m</b>	<b>Grid 6 M4</b> <b>17.29 dBV/m</b>
<b>Grid 7 M4</b> <b>18.79 dBV/m</b>	<b>Grid 8 M4</b> <b>18.26 dBV/m</b>	<b>Grid 9 M4</b> <b>17.06 dBV/m</b>

**Cursor:**

Total = 19.01 dBV/m

E Category: M4

Location: 25, 5, 8.7 mm



0 dB = 8.926 V/m = 19.01 dBV/m

**HAC RF\_CDMA2000\_BC0\_1xRTT,RC1SO3,1/8th Rate\_Ch1013\_E**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1013/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 = 5.552 V/m; Power Drift = -0.16 dB

Applied MIF = 3.26 dB

RF audio interference level = 17.40 dBV/m

**Emission category: M4**

MIF scaled E-field

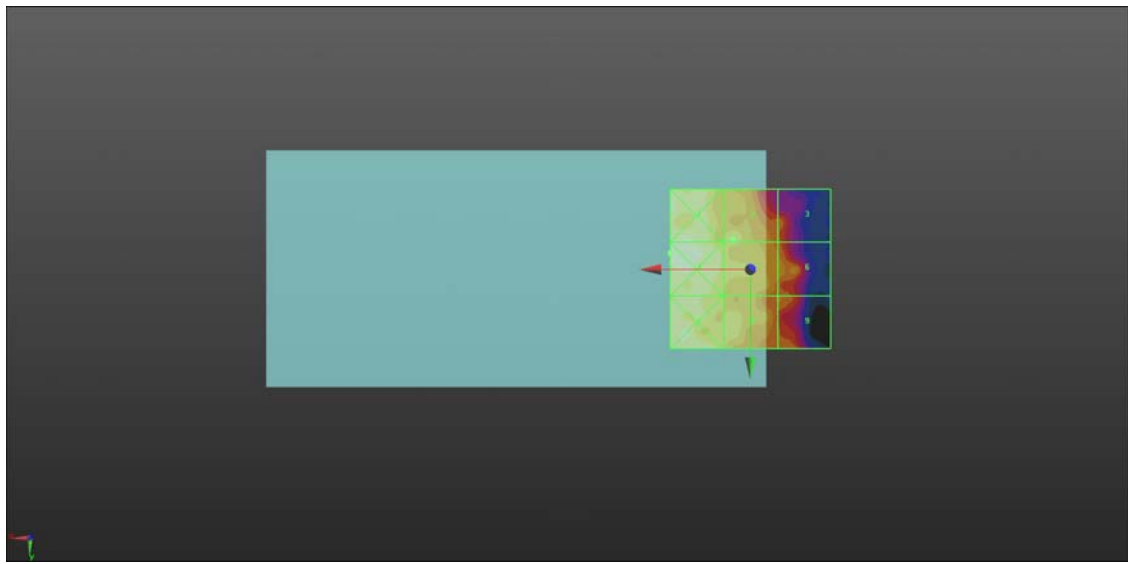
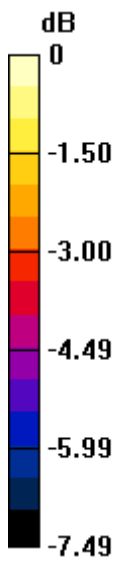
<b>Grid 1 M4</b> <b>18.18 dBV/m</b>	<b>Grid 2 M4</b> <b>17.4 dBV/m</b>	<b>Grid 3 M4</b> <b>15.78 dBV/m</b>
<b>Grid 4 M4</b> <b>18.42 dBV/m</b>	<b>Grid 5 M4</b> <b>17.34 dBV/m</b>	<b>Grid 6 M4</b> <b>16.27 dBV/m</b>
<b>Grid 7 M4</b> <b>18.01 dBV/m</b>	<b>Grid 8 M4</b> <b>17.27 dBV/m</b>	<b>Grid 9 M4</b> <b>16 dBV/m</b>

**Cursor:**

Total = 18.42 dBV/m

E Category: M4

Location: 25, -5, 8.7 mm



0 dB = 8.333 V/m = 18.42 dBV/m

**HAC RF\_CDMA2000\_BC0\_1xRTT,RC1SO3,1/8th Rate\_Ch384\_E**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch384/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 = 5.786 V/m; Power Drift = 0.07 dB

Applied MIF = 3.26 dB

RF audio interference level = 17.95 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>18.01 dBV/m</b>	<b>Grid 2 M4</b> <b>17.58 dBV/m</b>	<b>Grid 3 M4</b> <b>16.82 dBV/m</b>
<b>Grid 4 M4</b> <b>18.63 dBV/m</b>	<b>Grid 5 M4</b> <b>17.95 dBV/m</b>	<b>Grid 6 M4</b> <b>16.76 dBV/m</b>
<b>Grid 7 M4</b> <b>18.49 dBV/m</b>	<b>Grid 8 M4</b> <b>17.88 dBV/m</b>	<b>Grid 9 M4</b> <b>16.58 dBV/m</b>

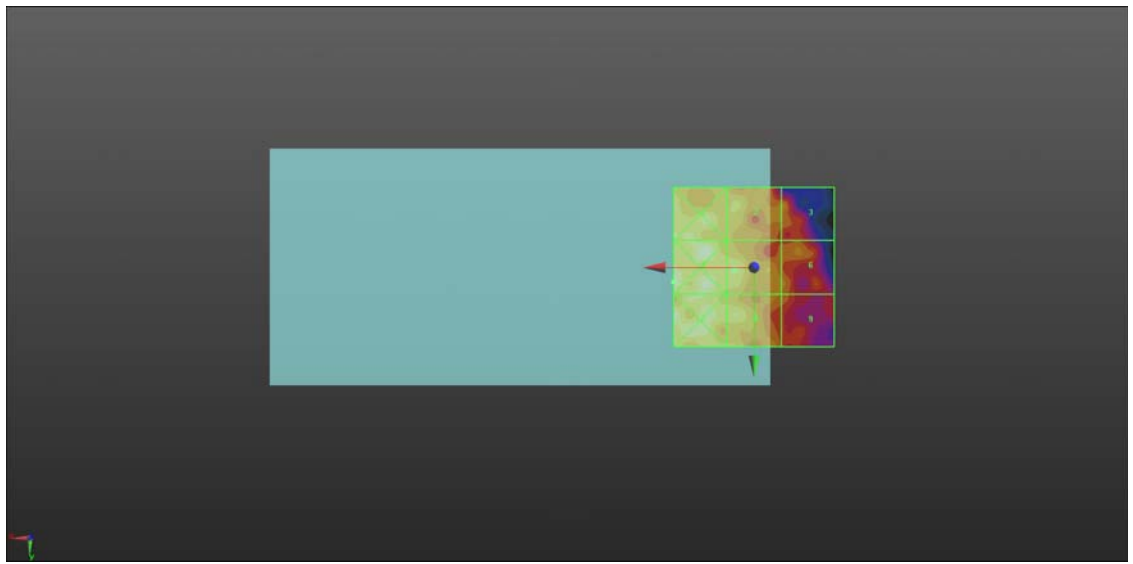
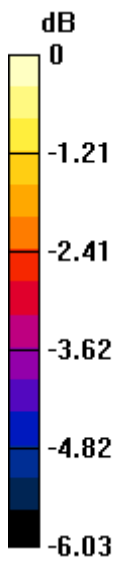
**Cursor:**

Total = 18.63 dBV/m

E Category: M4

Location: 25, 4.5, 8.7 mm





0 dB = 8.538 V/m = 18.63 dBV/m

**HAC RF\_CDMA2000\_BC0\_1xRTT,RC1SO3,1/8th Rate\_Ch777\_E**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch777/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 = 5.478 V/m; Power Drift = 0.19 dB

Applied MIF = 3.26 dB

RF audio interference level = 16.89 dBV/m

**Emission category: M4**

MIF scaled E-field

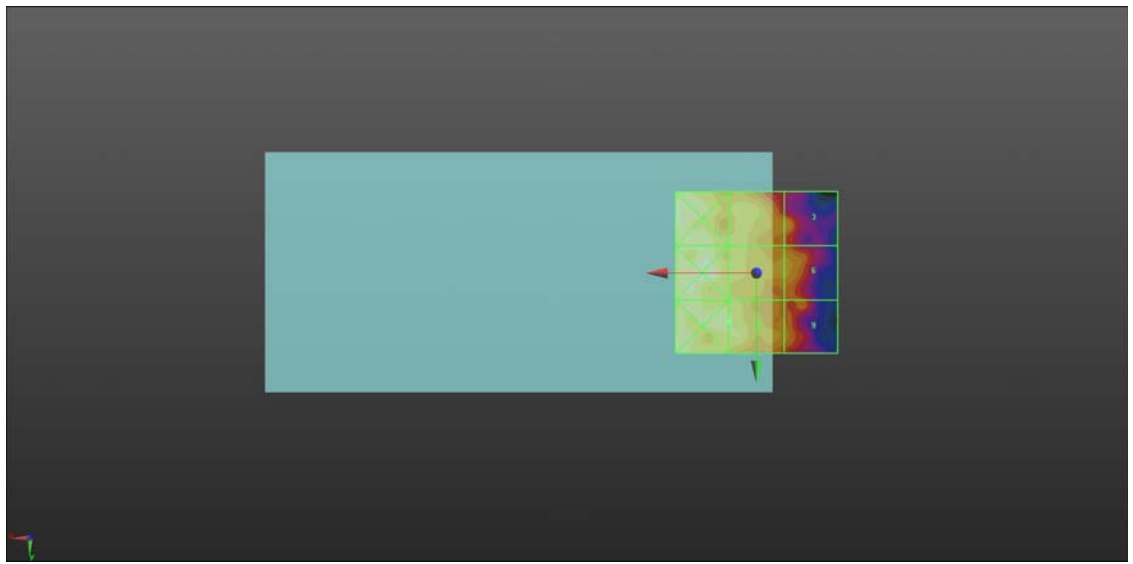
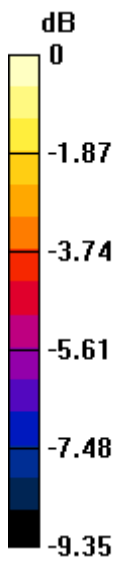
<b>Grid 1 M4</b> <b>17.62 dBV/m</b>	<b>Grid 2 M4</b> <b>16.48 dBV/m</b>	<b>Grid 3 M4</b> <b>15.47 dBV/m</b>
<b>Grid 4 M4</b> <b>17.91 dBV/m</b>	<b>Grid 5 M4</b> <b>16.39 dBV/m</b>	<b>Grid 6 M4</b> <b>15.73 dBV/m</b>
<b>Grid 7 M4</b> <b>17.48 dBV/m</b>	<b>Grid 8 M4</b> <b>16.89 dBV/m</b>	<b>Grid 9 M4</b> <b>15.25 dBV/m</b>

**Cursor:**

Total = 17.91 dBV/m

E Category: M4

Location: 15.5, -0.5, 8.7 mm



0 dB = 7.858 V/m = 17.91 dBV/m

**HAC RF\_CDMA2000\_BC1\_1xRTT,RC1SO3,1/8th Rate\_Ch25\_E**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.7419

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch25/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 = 5.859 V/m; Power Drift = -0.16 dB

Applied MIF = 3.26 dB

RF audio interference level = 17.61 dBV/m

**Emission category: M4**

MIF scaled E-field

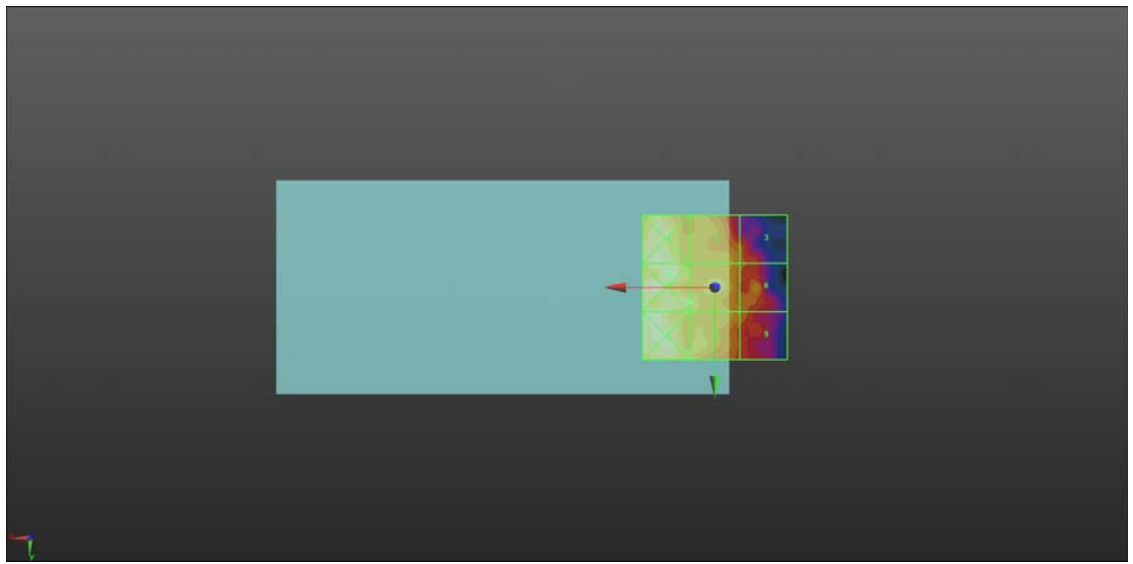
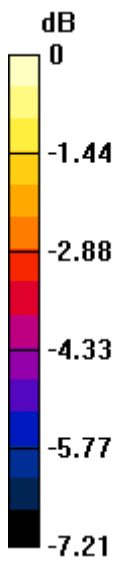
<b>Grid 1 M4</b> <b>18.22 dBV/m</b>	<b>Grid 2 M4</b> <b>17.1 dBV/m</b>	<b>Grid 3 M4</b> <b>16.1 dBV/m</b>
<b>Grid 4 M4</b> <b>18.59 dBV/m</b>	<b>Grid 5 M4</b> <b>17.61 dBV/m</b>	<b>Grid 6 M4</b> <b>16.46 dBV/m</b>
<b>Grid 7 M4</b> <b>18.33 dBV/m</b>	<b>Grid 8 M4</b> <b>17.4 dBV/m</b>	<b>Grid 9 M4</b> <b>16.16 dBV/m</b>

**Cursor:**

Total = 18.59 dBV/m

E Category: M4

Location: 15.5, -5, 8.7 mm



0 dB = 8.501 V/m = 18.59 dBV/m

**HAC RF\_CDMA2000\_BC1\_1xRTT,RC1SO3,1/8th Rate\_Ch600\_E**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz;Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch600/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 = 5.872 V/m; Power Drift = -0.09 dB

Applied MIF = 3.26 dB

RF audio interference level = 17.83 dBV/m

**Emission category: M4**

MIF scaled E-field

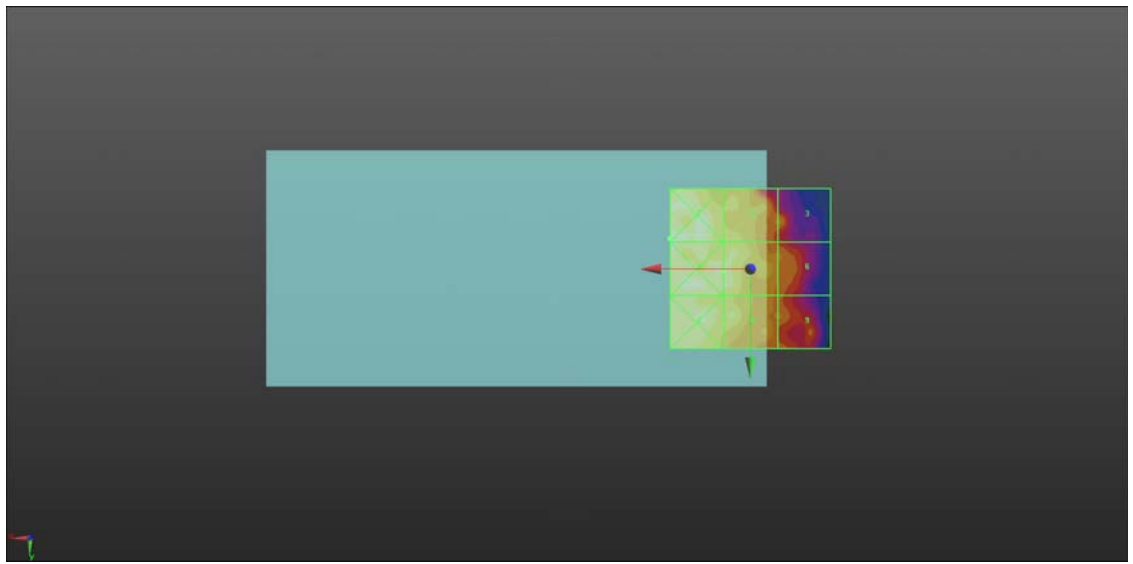
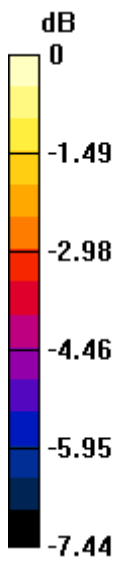
<b>Grid 1 M4</b> <b>18.42 dBV/m</b>	<b>Grid 2 M4</b> <b>17.24 dBV/m</b>	<b>Grid 3 M4</b> <b>16.06 dBV/m</b>
<b>Grid 4 M4</b> <b>18.38 dBV/m</b>	<b>Grid 5 M4</b> <b>17.83 dBV/m</b>	<b>Grid 6 M4</b> <b>16.04 dBV/m</b>
<b>Grid 7 M4</b> <b>18.06 dBV/m</b>	<b>Grid 8 M4</b> <b>17.51 dBV/m</b>	<b>Grid 9 M4</b> <b>15.99 dBV/m</b>

**Cursor:**

Total = 18.42 dBV/m

E Category: M4

Location: 25, -9.5, 8.7 mm



0 dB = 8.337 V/m = 18.42 dBV/m

**HAC RF\_CDMA2000\_BC1\_1xRTT,RC1SO3,1/8th Rate\_Ch1175\_E**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1175/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 = 5.759 V/m; Power Drift = -0.04 dB

Applied MIF = 3.26 dB

RF audio interference level = 17.59 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>17.23 dBV/m</b>	<b>Grid 3 M4</b> <b>15.76 dBV/m</b>
<b>Grid 4 M4</b> <b>17.93 dBV/m</b>	<b>Grid 5 M4</b> <b>17.59 dBV/m</b>	<b>Grid 6 M4</b> <b>15.95 dBV/m</b>
<b>Grid 7 M4</b> <b>17.62 dBV/m</b>	<b>Grid 8 M4</b> <b>17.22 dBV/m</b>	<b>Grid 9 M4</b> <b>15.52 dBV/m</b>

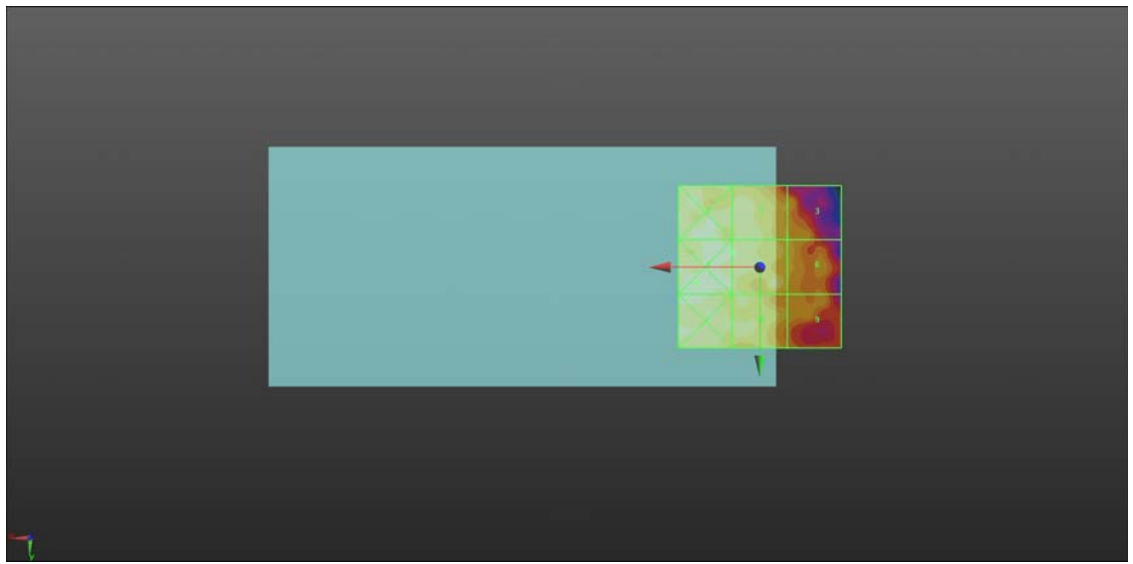
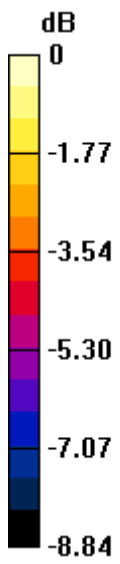
**Cursor:**

Total = 17.93 dBV/m

E Category: M4

Location: 19.5, 5, 8.7 mm





0 dB = 7.878 V/m = 17.93 dBV/m

**HAC RF\_CDMA2000\_BC10\_1xRTT,RC1SO3,1/8th Rate\_Ch476\_E**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch476/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 = 5.972 V/m; Power Drift = -0.02 dB

Applied MIF = 3.26 dB

RF audio interference level = 17.58 dBV/m

**Emission category: M4**

MIF scaled E-field

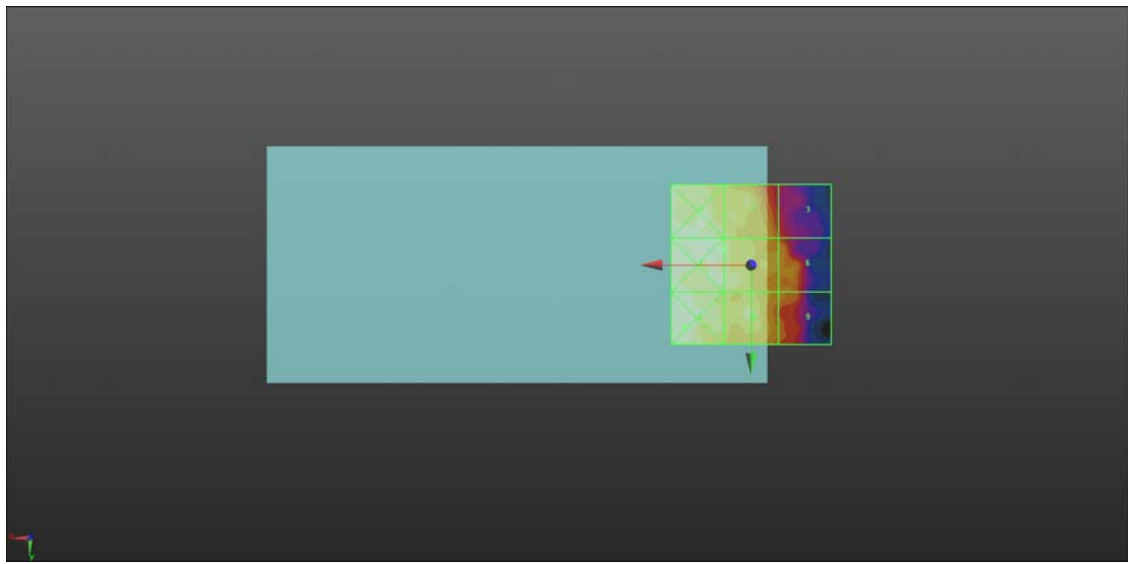
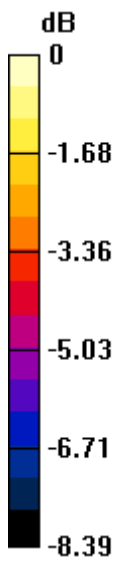
<b>Grid 1 M4</b> <b>17.98 dBV/m</b>	<b>Grid 2 M4</b> <b>17.2 dBV/m</b>	<b>Grid 3 M4</b> <b>14.79 dBV/m</b>
<b>Grid 4 M4</b> <b>18.02 dBV/m</b>	<b>Grid 5 M4</b> <b>17.58 dBV/m</b>	<b>Grid 6 M4</b> <b>15.86 dBV/m</b>
<b>Grid 7 M4</b> <b>18.04 dBV/m</b>	<b>Grid 8 M4</b> <b>17.21 dBV/m</b>	<b>Grid 9 M4</b> <b>15.57 dBV/m</b>

**Cursor:**

Total = 18.04 dBV/m

E Category: M4

Location: 20.5, 19.5, 8.7 mm



0 dB = 7.984 V/m = 18.04 dBV/m

**HAC RF\_CDMA2000\_BC10\_1xRTT,RC1SO3,1/8th Rate\_Ch580\_E**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch580/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 = 5.271 V/m; Power Drift = 0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 17.06 dBV/m

**Emission category: M4**

MIF scaled E-field

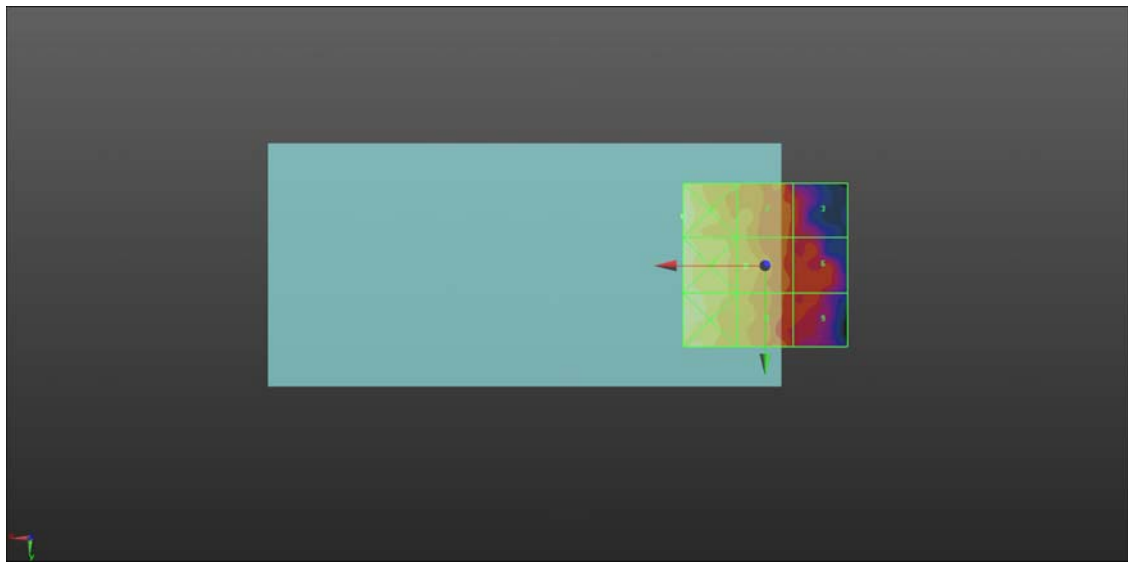
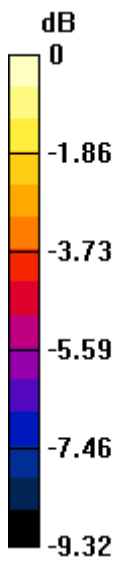
<b>Grid 1 M4</b> <b>18.86 dBV/m</b>	<b>Grid 2 M4</b> <b>16.72 dBV/m</b>	<b>Grid 3 M4</b> <b>15.03 dBV/m</b>
<b>Grid 4 M4</b> <b>18.6 dBV/m</b>	<b>Grid 5 M4</b> <b>17.06 dBV/m</b>	<b>Grid 6 M4</b> <b>15.16 dBV/m</b>
<b>Grid 7 M4</b> <b>18.32 dBV/m</b>	<b>Grid 8 M4</b> <b>16.79 dBV/m</b>	<b>Grid 9 M4</b> <b>15.09 dBV/m</b>

**Cursor:**

Total = 18.86 dBV/m

E Category: M4

Location: 25, -15, 8.7 mm



0 dB = 8.765 V/m = 18.86 dBV/m

**HAC RF\_CDMA2000\_BC10\_1xRTT,RC1SO3,1/8th Rate\_Ch684\_E**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch684/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 = 5.892 V/m; Power Drift = -0.10 dB

Applied MIF = 3.26 dB

RF audio interference level = 17.99 dBV/m

**Emission category: M4**

MIF scaled E-field

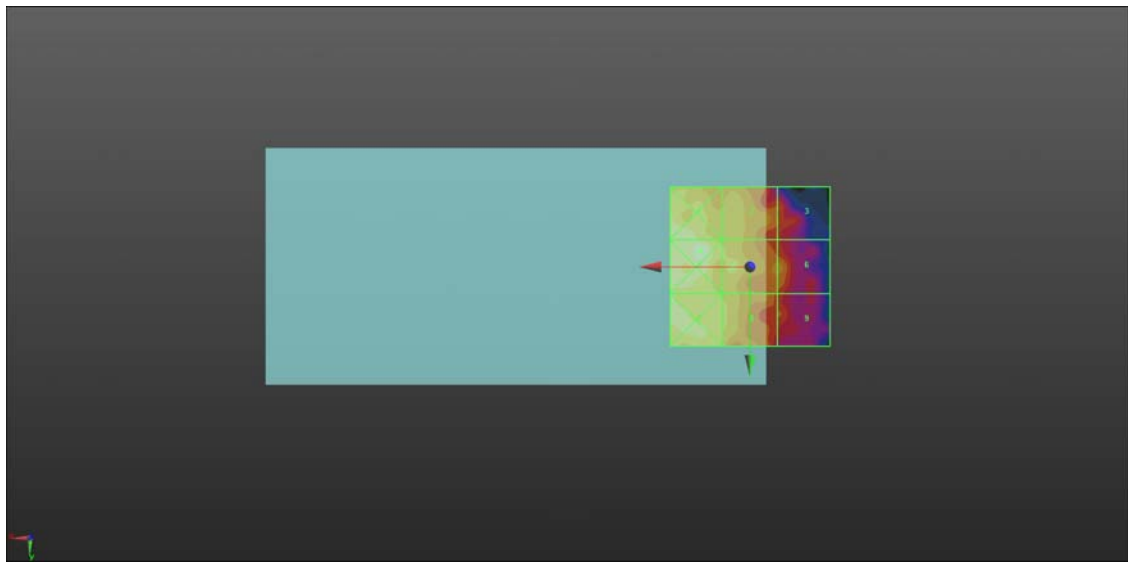
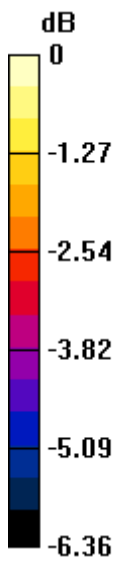
<b>Grid 1 M4</b> <b>18.61 dBV/m</b>	<b>Grid 2 M4</b> <b>17.72 dBV/m</b>	<b>Grid 3 M4</b> <b>16.56 dBV/m</b>
<b>Grid 4 M4</b> <b>19.01 dBV/m</b>	<b>Grid 5 M4</b> <b>17.99 dBV/m</b>	<b>Grid 6 M4</b> <b>17.06 dBV/m</b>
<b>Grid 7 M4</b> <b>18.36 dBV/m</b>	<b>Grid 8 M4</b> <b>17.93 dBV/m</b>	<b>Grid 9 M4</b> <b>16.51 dBV/m</b>

**Cursor:**

Total = 19.01 dBV/m

E Category: M4

Location: 15.5, -5, 8.7 mm



0 dB = 8.918 V/m = 19.01 dBV/m

**HAC RF\_LTE Band 41\_20MHz\_QPSK\_1RB 49Offset\_Ch39750\_E**

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
 Frequency: 2506 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch39750/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 = 5.883 V/m; Power Drift = -0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 12.25 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>12.78 dBV/m</b>	<b>Grid 2 M4</b> <b>11.97 dBV/m</b>	<b>Grid 3 M4</b> <b>10.33 dBV/m</b>
<b>Grid 4 M4</b> <b>12.89 dBV/m</b>	<b>Grid 5 M4</b> <b>12.25 dBV/m</b>	<b>Grid 6 M4</b> <b>10.5 dBV/m</b>
<b>Grid 7 M4</b> <b>13.07 dBV/m</b>	<b>Grid 8 M4</b> <b>12.13 dBV/m</b>	<b>Grid 9 M4</b> <b>10.43 dBV/m</b>

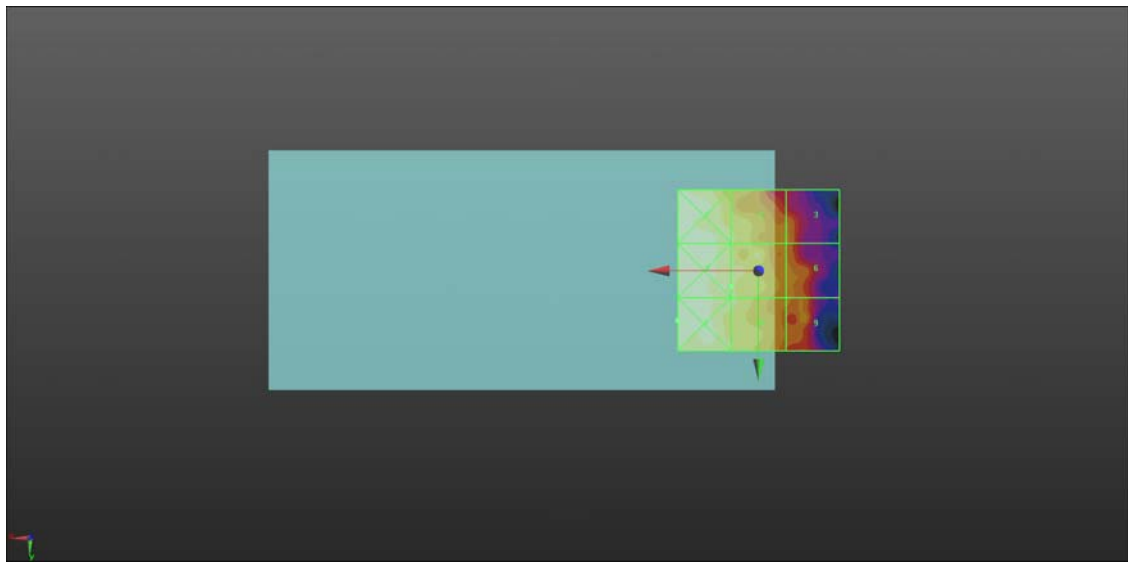
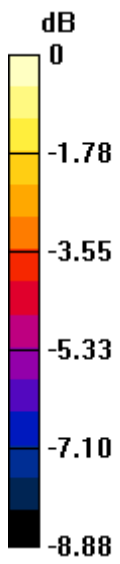
**Cursor:**

Total = 13.07 dBV/m

E Category: M4

Location: 25, 15.5, 8.7 mm





0 dB = 4.504 V/m = 13.07 dBV/m

**HAC RF\_LTE Band 41\_20MHz\_QPSK\_1RB 49Offset\_Ch40185\_E**

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
 Frequency: 2549.5 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch40185/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 = 5.771 V/m; Power Drift = 0.17 dB

Applied MIF = -1.62 dB

RF audio interference level = 12.50 dBV/m

**Emission category: M4**

MIF scaled E-field

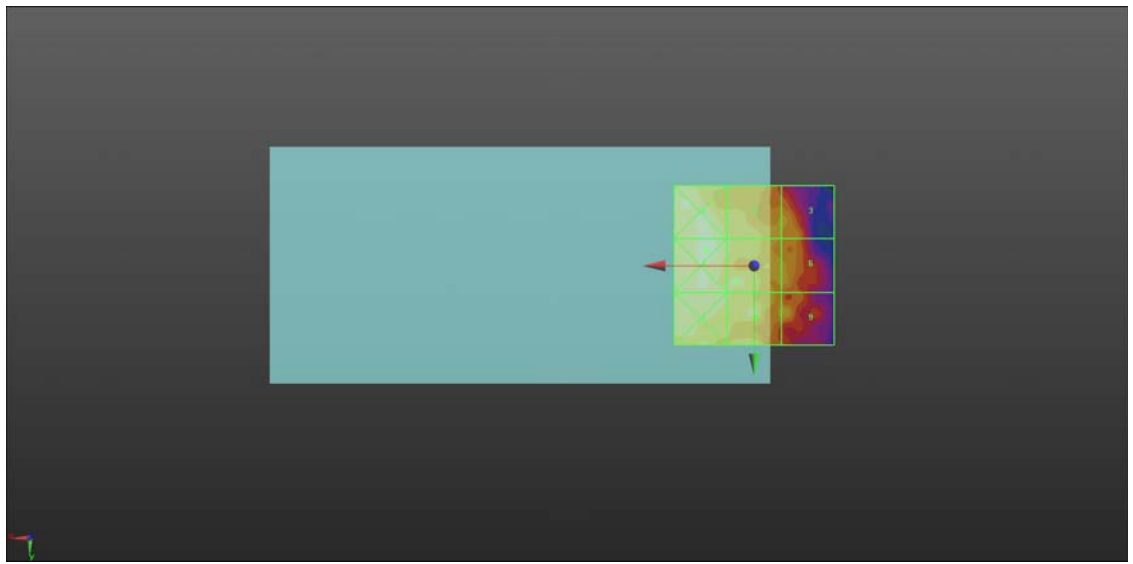
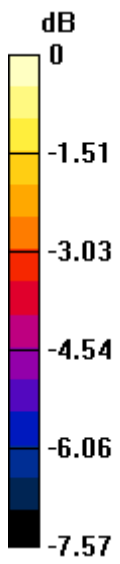
<b>Grid 1 M4</b> <b>12.86 dBV/m</b>	<b>Grid 2 M4</b> <b>12.22 dBV/m</b>	<b>Grid 3 M4</b> <b>11.36 dBV/m</b>
<b>Grid 4 M4</b> <b>13.18 dBV/m</b>	<b>Grid 5 M4</b> <b>12.5 dBV/m</b>	<b>Grid 6 M4</b> <b>11.39 dBV/m</b>
<b>Grid 7 M4</b> <b>12.64 dBV/m</b>	<b>Grid 8 M4</b> <b>12.45 dBV/m</b>	<b>Grid 9 M4</b> <b>11.69 dBV/m</b>

**Cursor:**

Total = 13.18 dBV/m

E Category: M4

Location: 15, -5, 8.7 mm



0 dB = 4.562 V/m = 13.18 dBV/m

**HAC RF\_LTE Band 41\_20MHz\_QPSK\_1RB 49Offset\_Ch40620\_E**

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
 Frequency: 2593 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch40620/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 = 5.715 V/m; Power Drift = -0.00 dB

Applied MIF = -1.62 dB

RF audio interference level = 12.40 dBV/m

**Emission category: M4**

MIF scaled E-field

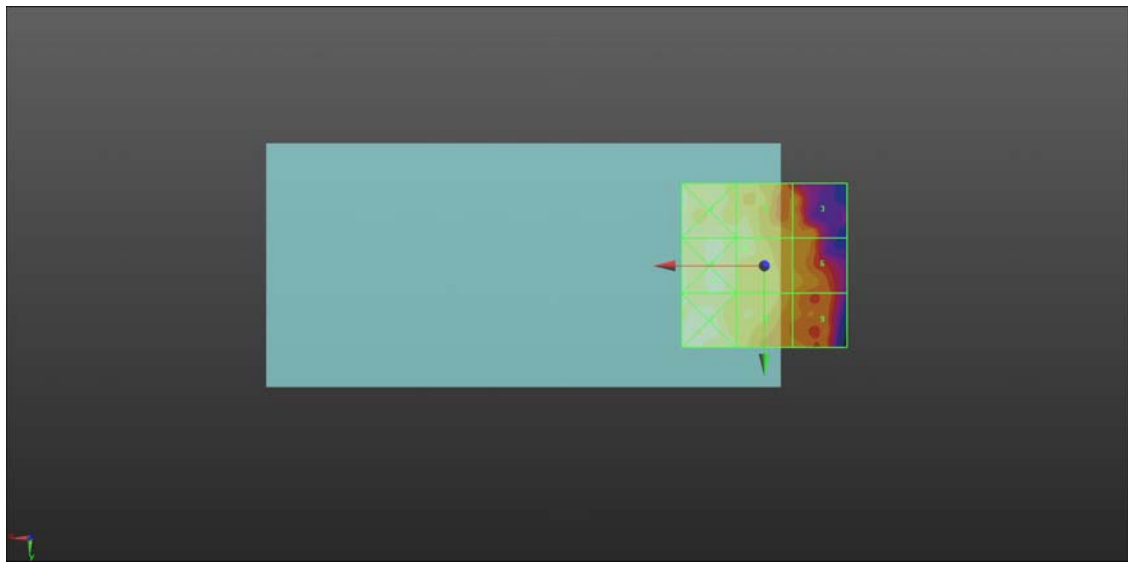
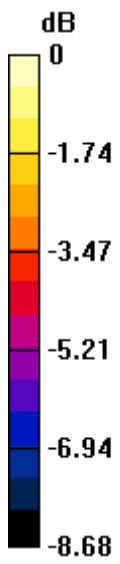
<b>Grid 1 M4</b> <b>12.94 dBV/m</b>	<b>Grid 2 M4</b> <b>12.22 dBV/m</b>	<b>Grid 3 M4</b> <b>10.81 dBV/m</b>
<b>Grid 4 M4</b> <b>13.06 dBV/m</b>	<b>Grid 5 M4</b> <b>12.4 dBV/m</b>	<b>Grid 6 M4</b> <b>11.14 dBV/m</b>
<b>Grid 7 M4</b> <b>12.87 dBV/m</b>	<b>Grid 8 M4</b> <b>12.05 dBV/m</b>	<b>Grid 9 M4</b> <b>10.91 dBV/m</b>

**Cursor:**

Total = 13.06 dBV/m

E Category: M4

Location: 15, 5, 8.7 mm



0 dB = 4.500 V/m = 13.06 dBV/m

**HAC RF\_LTE Band 41\_20MHz\_QPSK\_1RB 49Offset\_Ch41055\_E**

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
 Frequency: 2636.5 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch41055/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 = 5.622 V/m; Power Drift = -0.06 dB

Applied MIF = -1.62 dB

RF audio interference level = 12.36 dBV/m

**Emission category: M4**

MIF scaled E-field

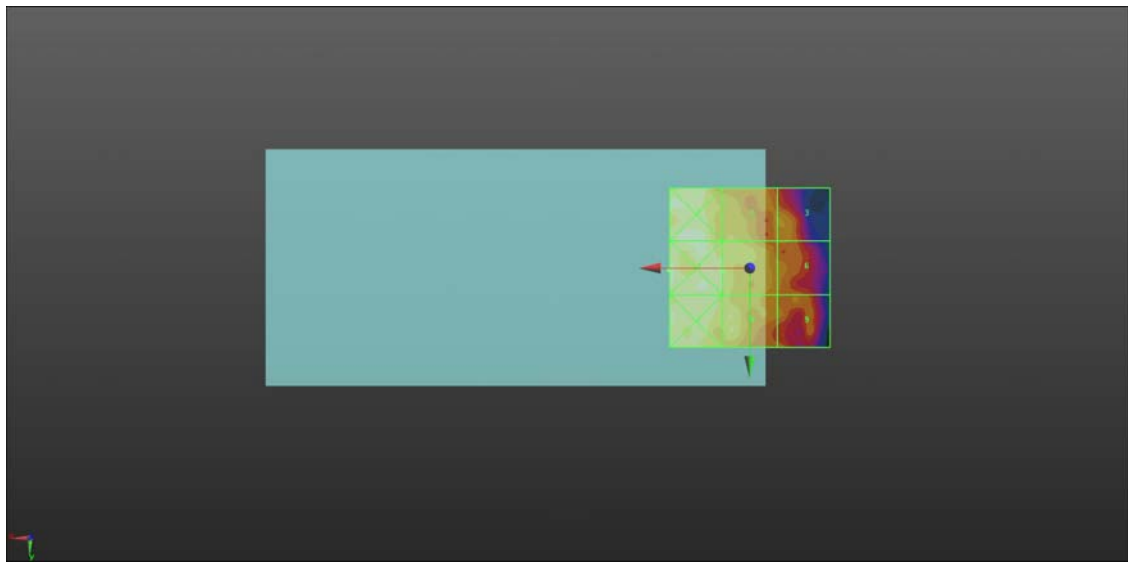
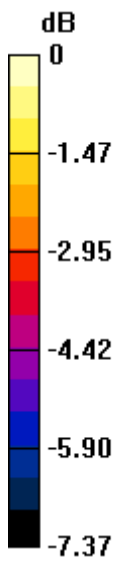
<b>Grid 1 M4</b> <b>12.95 dBV/m</b>	<b>Grid 2 M4</b> <b>11.77 dBV/m</b>	<b>Grid 3 M4</b> <b>11.34 dBV/m</b>
<b>Grid 4 M4</b> <b>13.18 dBV/m</b>	<b>Grid 5 M4</b> <b>12.36 dBV/m</b>	<b>Grid 6 M4</b> <b>11.08 dBV/m</b>
<b>Grid 7 M4</b> <b>12.95 dBV/m</b>	<b>Grid 8 M4</b> <b>12.24 dBV/m</b>	<b>Grid 9 M4</b> <b>10.9 dBV/m</b>

**Cursor:**

Total = 13.18 dBV/m

E Category: M4

Location: 25, 0.5, 8.7 mm



0 dB = 4.559 V/m = 13.18 dBV/m

**HAC RF\_LTE Band 41\_20MHz\_QPSK\_1RB 49Offset\_Ch41490\_E**

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
 Frequency: 2680 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.3 °C

**DASY5 Configuration:**

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch41490/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 = 5.534 V/m; Power Drift = 0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 12.45 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>12.91 dBV/m</b>	<b>Grid 2 M4</b> <b>12.02 dBV/m</b>	<b>Grid 3 M4</b> <b>11.15 dBV/m</b>
<b>Grid 4 M4</b> <b>12.92 dBV/m</b>	<b>Grid 5 M4</b> <b>12.32 dBV/m</b>	<b>Grid 6 M4</b> <b>11.42 dBV/m</b>
<b>Grid 7 M4</b> <b>13.1 dBV/m</b>	<b>Grid 8 M4</b> <b>12.45 dBV/m</b>	<b>Grid 9 M4</b> <b>11.27 dBV/m</b>

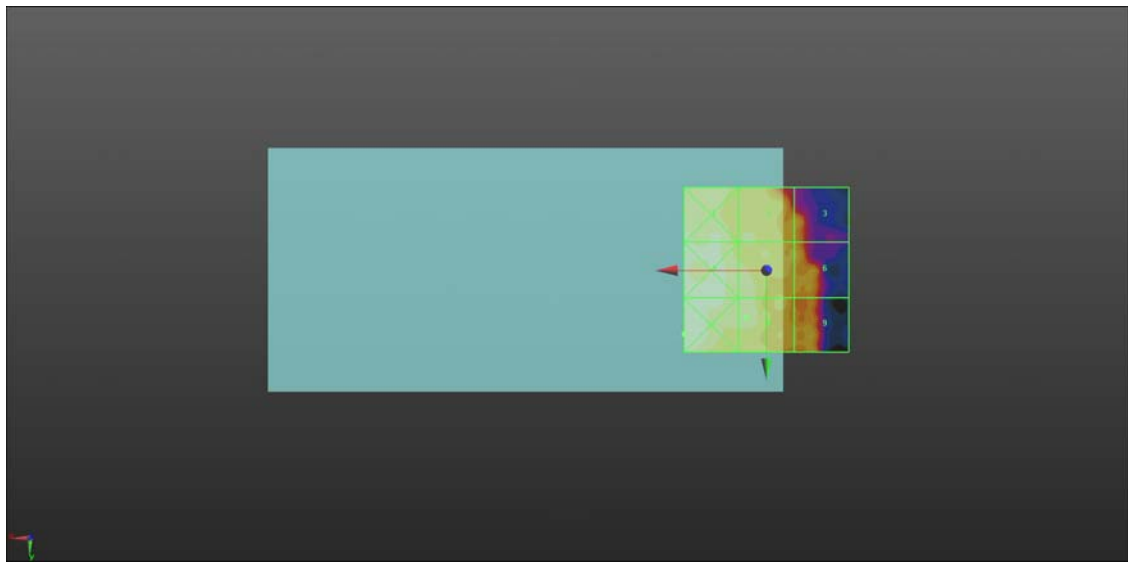
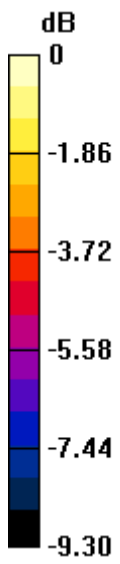
**Cursor:**

Total = 13.10 dBV/m

E Category: M4

Location: 25, 19.5, 8.7 mm





0 dB = 4.518 V/m = 13.10 dBV/m