

## #01\_HAC\_E\_GSM850\_GSM Voice\_Ch128

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2018/12/10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

### 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 = 33.03 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.21 dBV/m

**Emission category: M4**

MIF scaled E-field

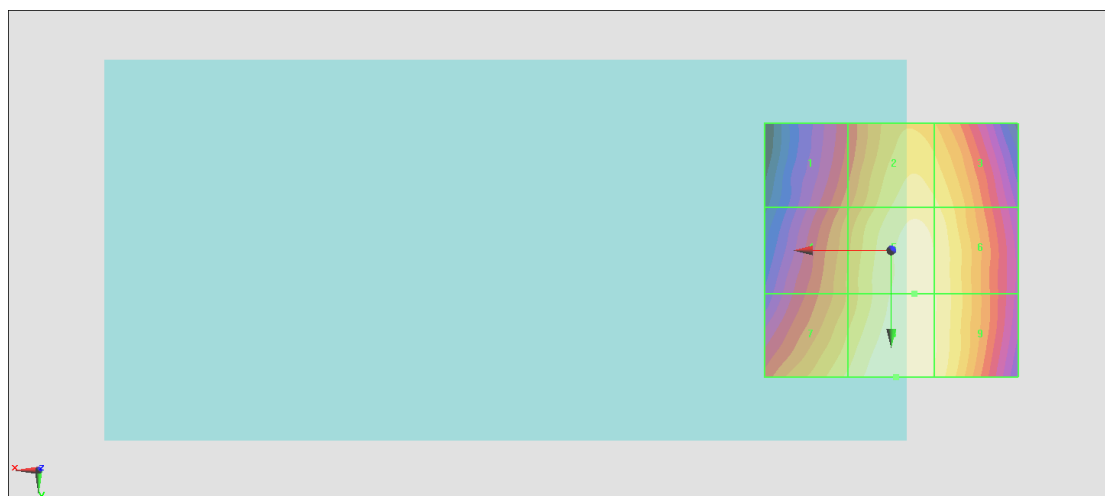
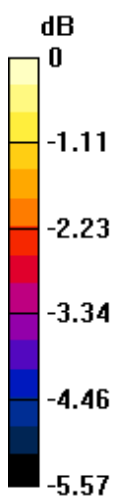
Grid 1 <b>M4</b> <b>30.28 dBV/m</b>	Grid 2 <b>M4</b> <b>31.72 dBV/m</b>	Grid 3 <b>M4</b> <b>31.57 dBV/m</b>
Grid 4 <b>M4</b> <b>30.8 dBV/m</b>	Grid 5 <b>M4</b> <b>32.05 dBV/m</b>	Grid 6 <b>M4</b> <b>31.87 dBV/m</b>
Grid 7 <b>M4</b> <b>31.57 dBV/m</b>	Grid 8 <b>M4</b> <b>32.21 dBV/m</b>	Grid 9 <b>M4</b> <b>31.89 dBV/m</b>

**Cursor:**

Total = 32.21 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 40.80 V/m = 32.21 dBV/m

## #02\_HAC\_E\_GSM850\_GSM Voice\_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2018/12/10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

### 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 = 42.33 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.63 dBV/m

**Emission category: M4**

MIF scaled E-field

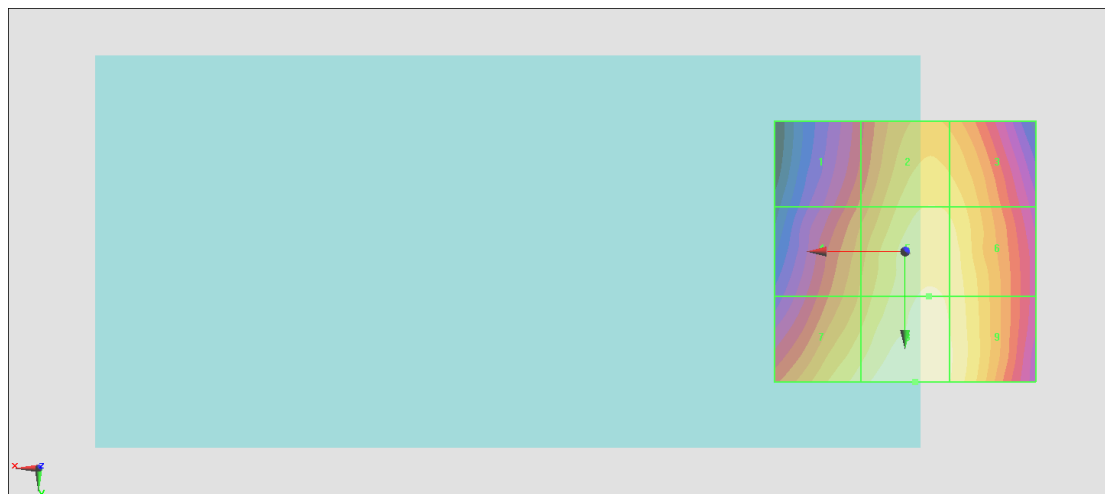
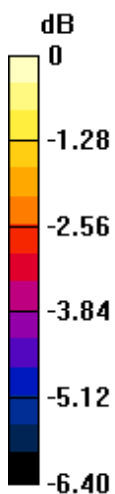
Grid 1 <b>M4</b> <b>32.21 dBV/m</b>	Grid 2 <b>M4</b> <b>33.8 dBV/m</b>	Grid 3 <b>M4</b> <b>33.69 dBV/m</b>
Grid 4 <b>M4</b> <b>33.01 dBV/m</b>	Grid 5 <b>M4</b> <b>34.28 dBV/m</b>	Grid 6 <b>M4</b> <b>34.12 dBV/m</b>
Grid 7 <b>M4</b> <b>34.01 dBV/m</b>	Grid 8 <b>M4</b> <b>34.63 dBV/m</b>	Grid 9 <b>M4</b> <b>34.27 dBV/m</b>

**Cursor:**

Total = 34.63 dBV/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 53.87 V/m = 34.63 dBV/m

### #03\_HAC\_E\_GSM850\_GSM Voice\_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2018/12/10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

### 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 = 23.43 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.68 dBV/m

**Emission category: M4**

MIF scaled E-field

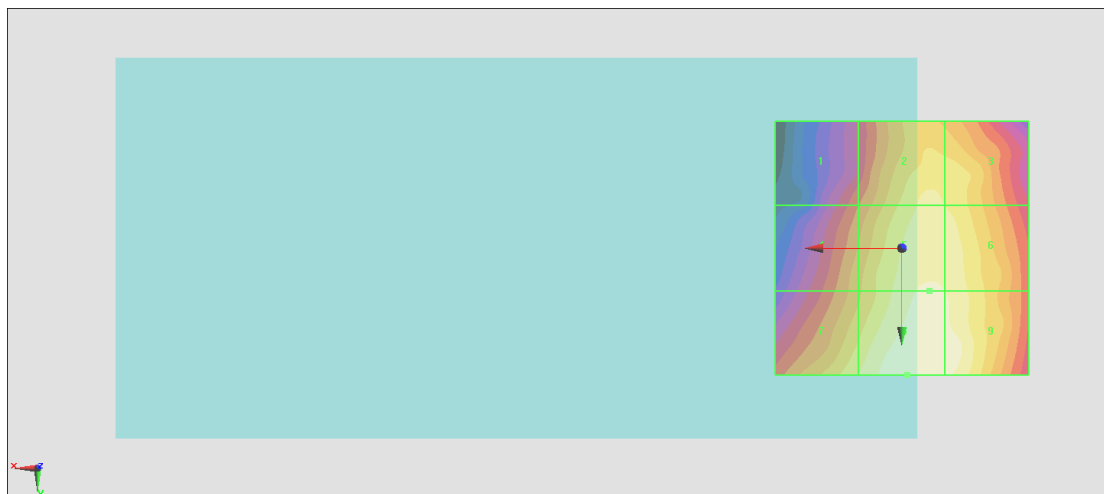
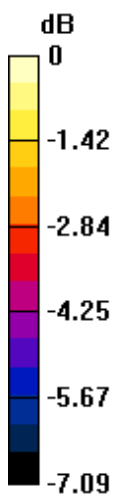
Grid 1 <b>M4</b> <b>26.85 dBV/m</b>	Grid 2 <b>M4</b> <b>28.89 dBV/m</b>	Grid 3 <b>M4</b> <b>28.73 dBV/m</b>
Grid 4 <b>M4</b> <b>27.7 dBV/m</b>	Grid 5 <b>M4</b> <b>29.32 dBV/m</b>	Grid 6 <b>M4</b> <b>29.21 dBV/m</b>
Grid 7 <b>M4</b> <b>28.77 dBV/m</b>	Grid 8 <b>M4</b> <b>29.68 dBV/m</b>	Grid 9 <b>M4</b> <b>29.61 dBV/m</b>

**Cursor:**

Total = 29.68 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 30.47 V/m = 29.68 dBV/m

## #04\_HAC\_E\_GSM1900\_GSM Voice\_Ch512

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2018/12/10

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn854; Calibrated: 2018/6/14

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

- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

### 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 = 5.927 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.24 dBV/m

**Emission category: M4**

MIF scaled E-field

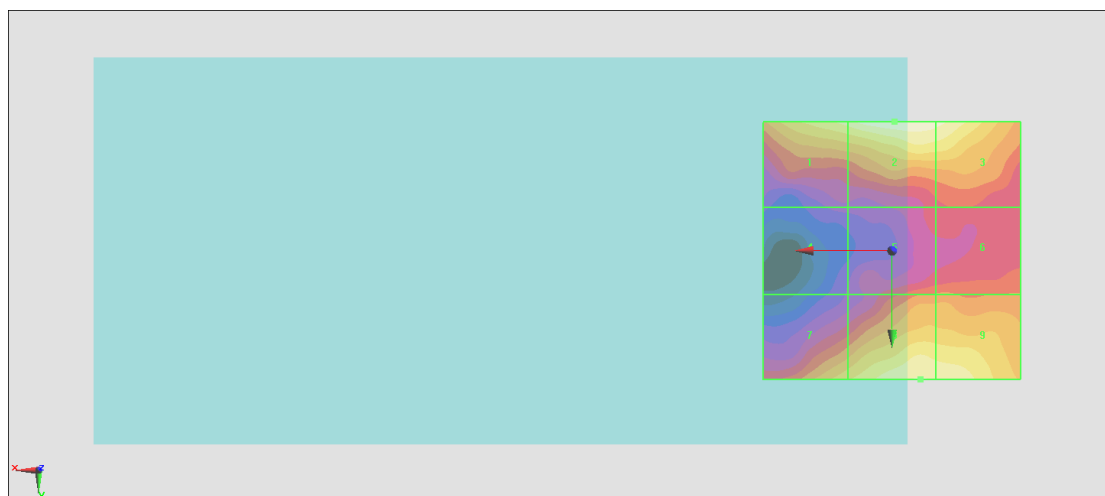
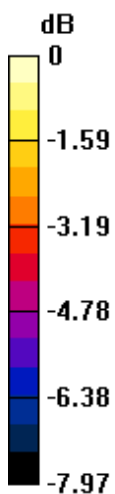
Grid 1 <b>M4</b> <b>23.48 dBV/m</b>	Grid 2 <b>M4</b> <b>24.24 dBV/m</b>	Grid 3 <b>M4</b> <b>23.9 dBV/m</b>
Grid 4 <b>M4</b> <b>19.27 dBV/m</b>	Grid 5 <b>M4</b> <b>21.15 dBV/m</b>	Grid 6 <b>M4</b> <b>21.22 dBV/m</b>
Grid 7 <b>M4</b> <b>22.61 dBV/m</b>	Grid 8 <b>M4</b> <b>23.75 dBV/m</b>	Grid 9 <b>M4</b> <b>23.67 dBV/m</b>

**Cursor:**

Total = 24.24 dBV/m

E Category: M4

Location: -0.5, -25, 8.7 mm



0 dB = 16.30 V/m = 24.24 dBV/m

## #05\_HAC\_E\_GSM1900\_GSM Voice\_Ch661

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2018/12/10

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn854; Calibrated: 2018/6/14

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

- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

### 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 = 6.370 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.69 dBV/m

**Emission category: M4**

MIF scaled E-field

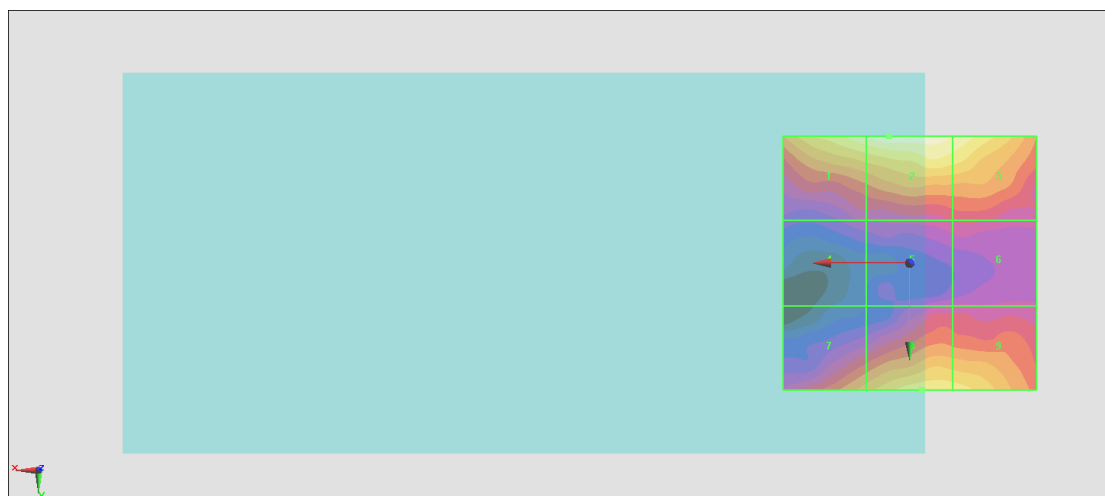
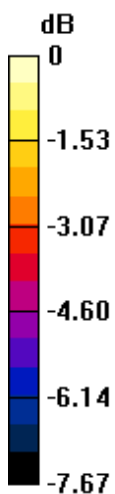
Grid 1 <b>M4</b> <b>24.23 dBV/m</b>	Grid 2 <b>M4</b> <b>24.69 dBV/m</b>	Grid 3 <b>M4</b> <b>24.16 dBV/m</b>
Grid 4 <b>M4</b> <b>20.17 dBV/m</b>	Grid 5 <b>M4</b> <b>20.68 dBV/m</b>	Grid 6 <b>M4</b> <b>20.77 dBV/m</b>
Grid 7 <b>M4</b> <b>22.47 dBV/m</b>	Grid 8 <b>M4</b> <b>23.56 dBV/m</b>	Grid 9 <b>M4</b> <b>23.45 dBV/m</b>

**Cursor:**

Total = 24.69 dBV/m

E Category: M4

Location: 4, -25, 8.7 mm



0 dB = 17.17 V/m = 24.70 dBV/m

## #06\_HAC\_E\_GSM1900\_GSM Voice\_Ch810

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2018/12/10

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn854; Calibrated: 2018/6/14

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

- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.798 V/m; Power Drift = 0.15 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.35 dBV/m

**Emission category: M4**

MIF scaled E-field

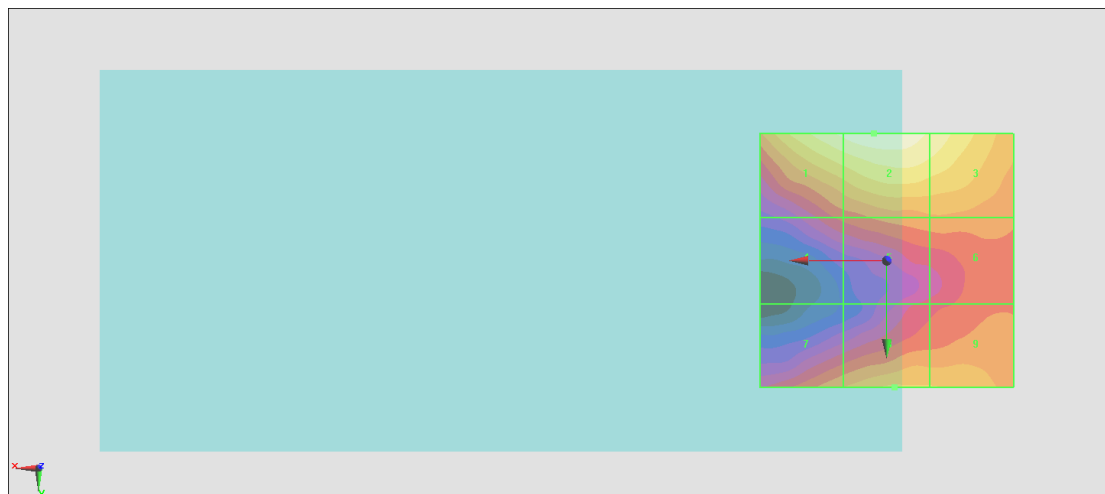
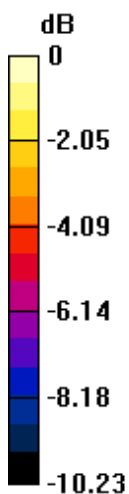
Grid 1 <b>M4</b> <b>26.87 dBV/m</b>	Grid 2 <b>M4</b> <b>27.35 dBV/m</b>	Grid 3 <b>M4</b> <b>26.57 dBV/m</b>
Grid 4 <b>M4</b> <b>22.85 dBV/m</b>	Grid 5 <b>M4</b> <b>23.82 dBV/m</b>	Grid 6 <b>M4</b> <b>23.86 dBV/m</b>
Grid 7 <b>M4</b> <b>23.98 dBV/m</b>	Grid 8 <b>M4</b> <b>24.8 dBV/m</b>	Grid 9 <b>M4</b> <b>24.72 dBV/m</b>

**Cursor:**

Total = 27.35 dBV/m

E Category: M4

Location: 2.5, -25, 8.7 mm



0 dB = 23.32 V/m = 27.35 dBV/m

### #07\_HAC\_E\_CDMA BC0\_1xRTT RC1 SO3\_Ch1013

Communication System: 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 : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 2018/12/10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.93 V/m; Power Drift = -0.03 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.49 dBV/m

Emission category: **M4**

MIF scaled E-field

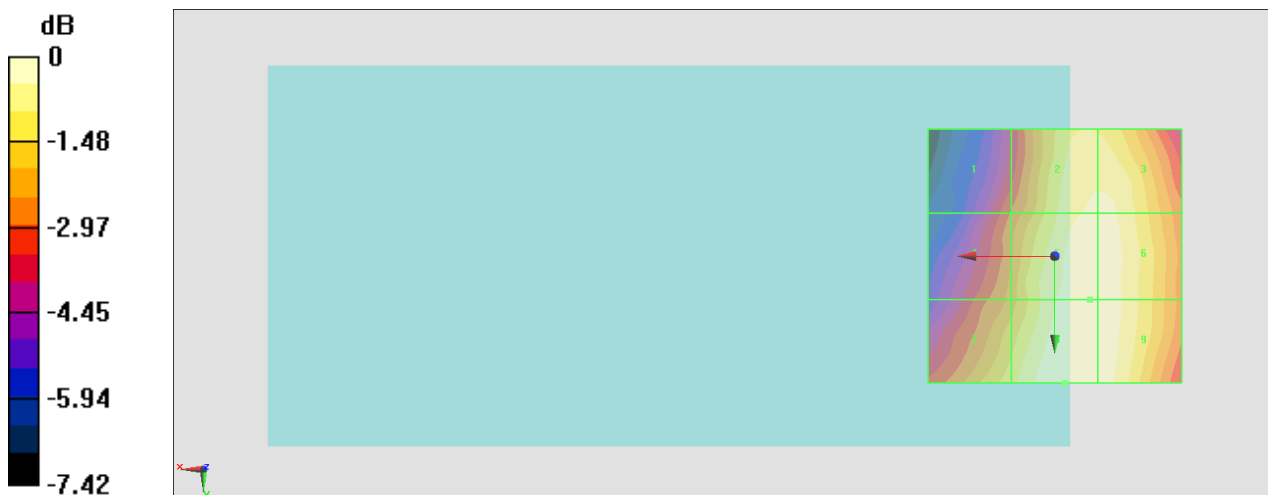
Grid 1 <b>M4</b> <b>23.61 dBV/m</b>	Grid 2 <b>M4</b> <b>26.18 dBV/m</b>	Grid 3 <b>M4</b> <b>26.18 dBV/m</b>
Grid 4 <b>M4</b> <b>24.31 dBV/m</b>	Grid 5 <b>M4</b> <b>26.45 dBV/m</b>	Grid 6 <b>M4</b> <b>26.43 dBV/m</b>
Grid 7 <b>M4</b> <b>25.37 dBV/m</b>	Grid 8 <b>M4</b> <b>26.49 dBV/m</b>	Grid 9 <b>M4</b> <b>26.45 dBV/m</b>

**Cursor:**

Total = 26.49 dBV/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 21.11 V/m = 26.49 dBV/m

## #08\_HAC\_E\_CDMA BC0\_1xRTT RC1 SO3\_Ch384

Communication System: 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 : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 2018/12/10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

### 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 = 16.67 V/m; Power Drift = -0.05 dB

Applied MIF = 3.26 dB

RF audio interference level = 25.87 dBV/m

**Emission category: M4**

MIF scaled E-field

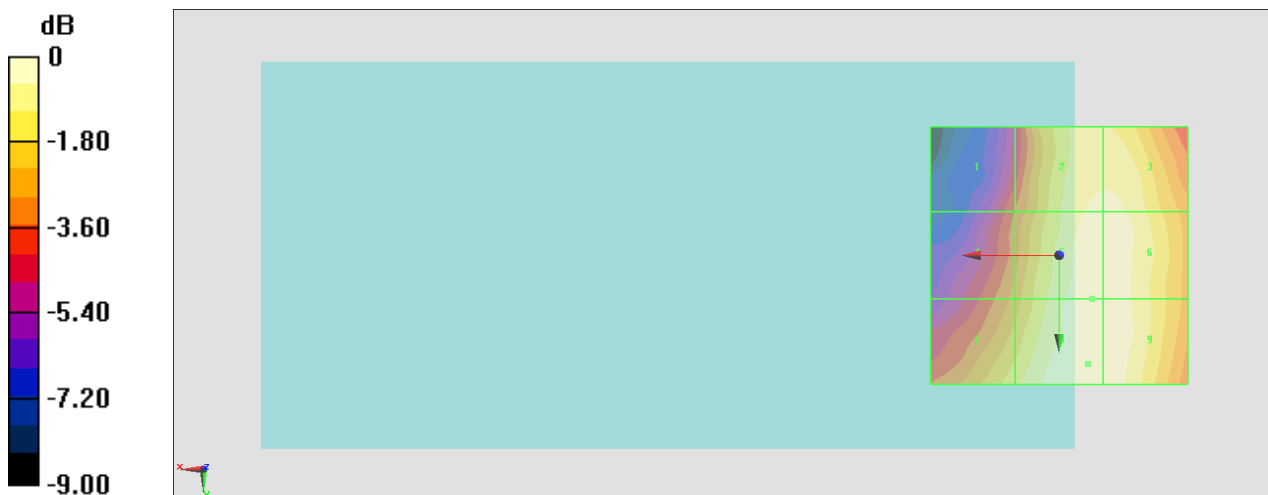
Grid 1 <b>M4</b> <b>22.34 dBV/m</b>	Grid 2 <b>M4</b> <b>25.46 dBV/m</b>	Grid 3 <b>M4</b> <b>25.46 dBV/m</b>
Grid 4 <b>M4</b> <b>23.19 dBV/m</b>	Grid 5 <b>M4</b> <b>25.73 dBV/m</b>	Grid 6 <b>M4</b> <b>25.71 dBV/m</b>
Grid 7 <b>M4</b> <b>24.51 dBV/m</b>	Grid 8 <b>M4</b> <b>25.87 dBV/m</b>	Grid 9 <b>M4</b> <b>25.77 dBV/m</b>

**Cursor:**

Total = 25.87 dBV/m

E Category: M4

Location: -5.5, 21, 8.7 mm



0 dB = 19.65 V/m = 25.87 dBV/m



### #09\_HAC\_E\_CDMA BC0\_1xRTT RC1 SO3\_Ch777

Communication System: 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 : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 2018/12/10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

### 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 = 16.55 V/m; Power Drift = -0.16 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.05 dBV/m

**Emission category: M4**

MIF scaled E-field

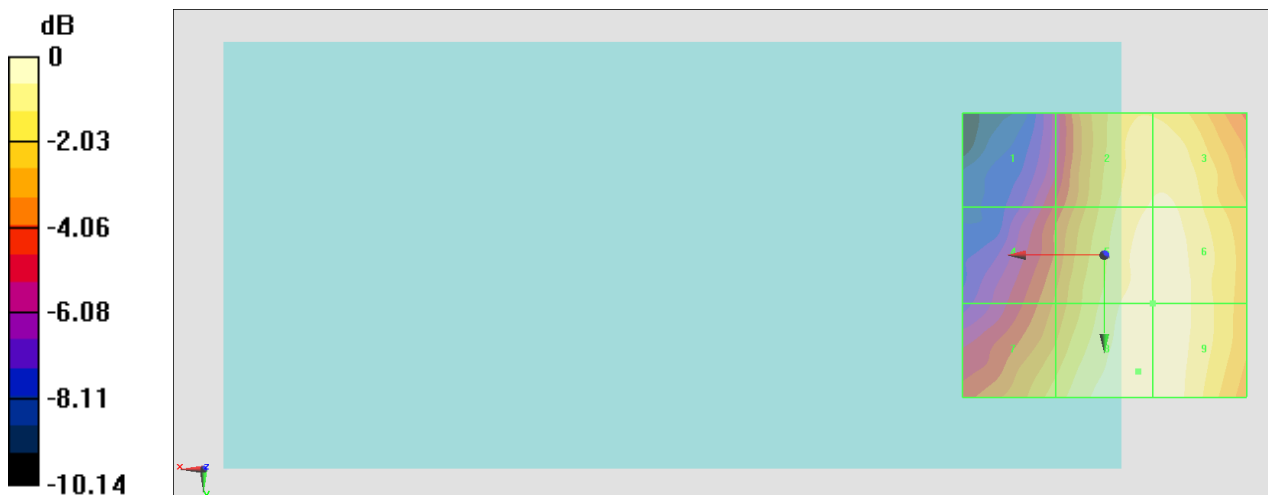
Grid 1 <b>M4</b> <b>21.51 dBV/m</b>	Grid 2 <b>M4</b> <b>25.45 dBV/m</b>	Grid 3 <b>M4</b> <b>25.5 dBV/m</b>
Grid 4 <b>M4</b> <b>22.84 dBV/m</b>	Grid 5 <b>M4</b> <b>25.88 dBV/m</b>	Grid 6 <b>M4</b> <b>25.9 dBV/m</b>
Grid 7 <b>M4</b> <b>24.39 dBV/m</b>	Grid 8 <b>M4</b> <b>26.05 dBV/m</b>	Grid 9 <b>M4</b> <b>25.98 dBV/m</b>

**Cursor:**

Total = 26.05 dBV/m

E Category: M4

Location: -6, 20.5, 8.7 mm



0 dB = 20.07 V/m = 26.05 dBV/m

## #10\_HAC\_E\_CDMA BC1\_1xRTT RC1 SO3\_Ch25

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 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 : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 2018/12/10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.997 V/m; Power Drift = -0.08 dB

Applied MIF = 3.26 dB

RF audio interference level = 22.72 dBV/m

**Emission category: M4**

MIF scaled E-field

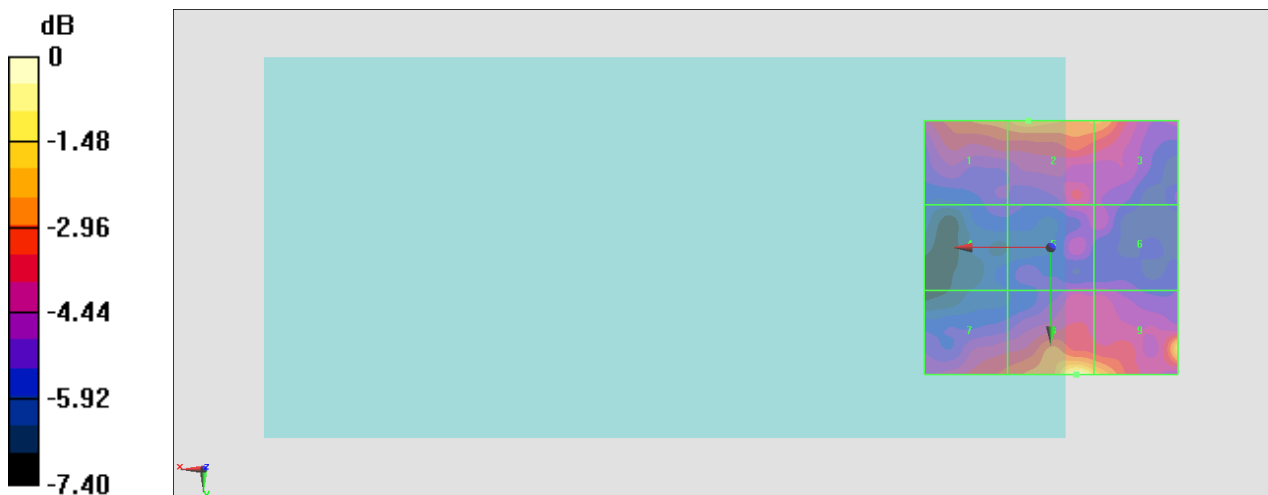
Grid 1 M4 <b>20.23 dBV/m</b>	Grid 2 M4 <b>20.79 dBV/m</b>	Grid 3 M4 <b>20.47 dBV/m</b>
Grid 4 M4 <b>17.66 dBV/m</b>	Grid 5 M4 <b>18.47 dBV/m</b>	Grid 6 M4 <b>18.14 dBV/m</b>
Grid 7 M4 <b>19.47 dBV/m</b>	Grid 8 M4 <b>22.72 dBV/m</b>	Grid 9 M4 <b>21.31 dBV/m</b>

**Cursor:**

Total = 22.72 dBV/m

E Category: M4

Location: -5, 25, 8.7 mm



0 dB = 13.68 V/m = 22.72 dBV/m

## #11\_HAC\_E\_CDMA BC1\_1xRTT RC1 SO3\_Ch600

Communication System: 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 : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2018/12/10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

### 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 = 5.234 V/m; Power Drift = -0.12 dB

Applied MIF = 3.26 dB

RF audio interference level = 21.80 dBV/m

**Emission category: M4**

MIF scaled E-field

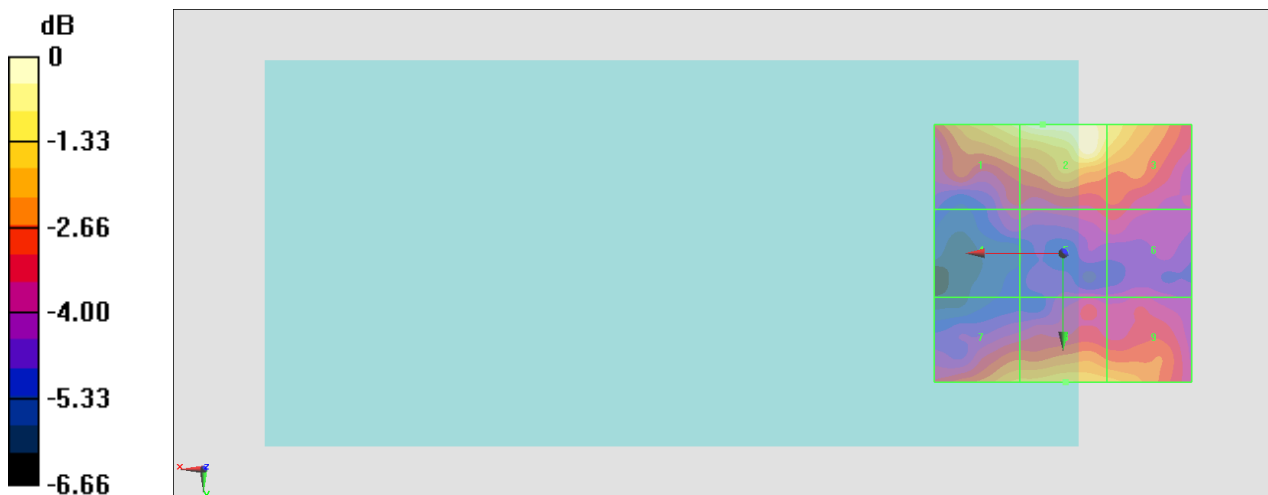
Grid 1 M4 <b>21.17 dBV/m</b>	Grid 2 M4 <b>21.8 dBV/m</b>	Grid 3 M4 <b>20.97 dBV/m</b>
Grid 4 M4 <b>18.11 dBV/m</b>	Grid 5 M4 <b>18.5 dBV/m</b>	Grid 6 M4 <b>18.54 dBV/m</b>
Grid 7 M4 <b>20.2 dBV/m</b>	Grid 8 M4 <b>20.54 dBV/m</b>	Grid 9 M4 <b>20.27 dBV/m</b>

**Cursor:**

Total = 21.80 dBV/m

E Category: M4

Location: 4, -25, 8.7 mm



0 dB = 12.30 V/m = 21.80 dBV/m

## #12\_HAC\_E\_CDMA BC1\_1xRTT RC1 SO3\_Ch1175

Communication System: 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 : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 2018/12/10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

### 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 = 5.373 V/m; Power Drift = -0.06 dB

Applied MIF = 3.26 dB

RF audio interference level = 22.79 dBV/m

**Emission category: M4**

MIF scaled E-field

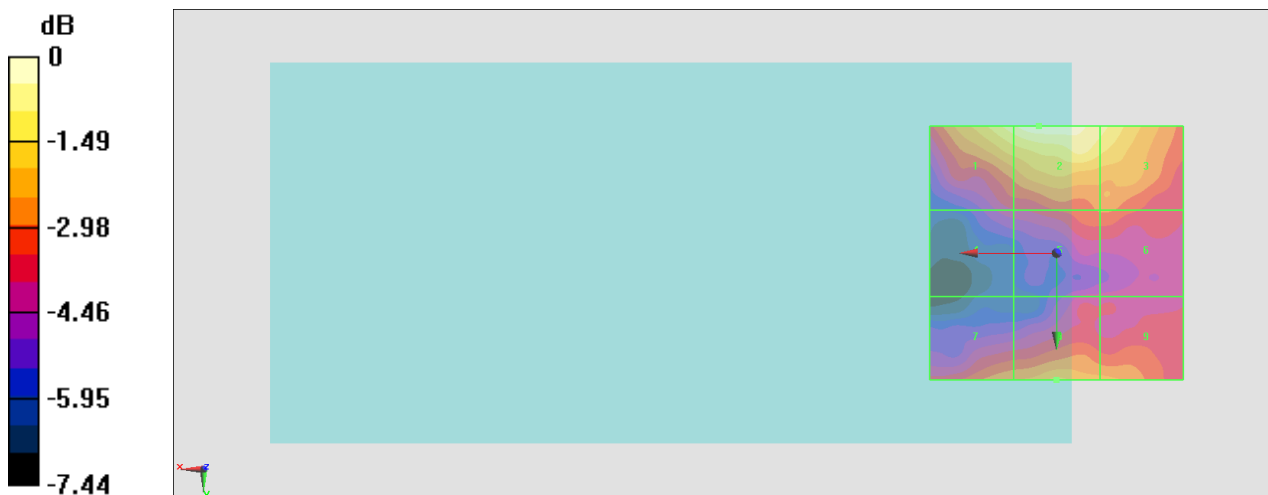
Grid 1 <b>M4</b> <b>22.16 dBV/m</b>	Grid 2 <b>M4</b> <b>22.79 dBV/m</b>	Grid 3 <b>M4</b> <b>22.02 dBV/m</b>
Grid 4 <b>M4</b> <b>18.78 dBV/m</b>	Grid 5 <b>M4</b> <b>19.89 dBV/m</b>	Grid 6 <b>M4</b> <b>19.93 dBV/m</b>
Grid 7 <b>M4</b> <b>20.34 dBV/m</b>	Grid 8 <b>M4</b> <b>20.97 dBV/m</b>	Grid 9 <b>M4</b> <b>20.55 dBV/m</b>

**Cursor:**

Total = 22.79 dBV/m

E Category: M4

Location: 3.5, -25, 8.7 mm



0 dB = 13.79 V/m = 22.79 dBV/m

### #13\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch1

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5893

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2018/12/10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

### 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 = 18.90 V/m; Power Drift = -0.06 dB

Applied MIF = 0.12 dB

RF audio interference level = 26.61 dBV/m

**Emission category: M4**

MIF scaled E-field

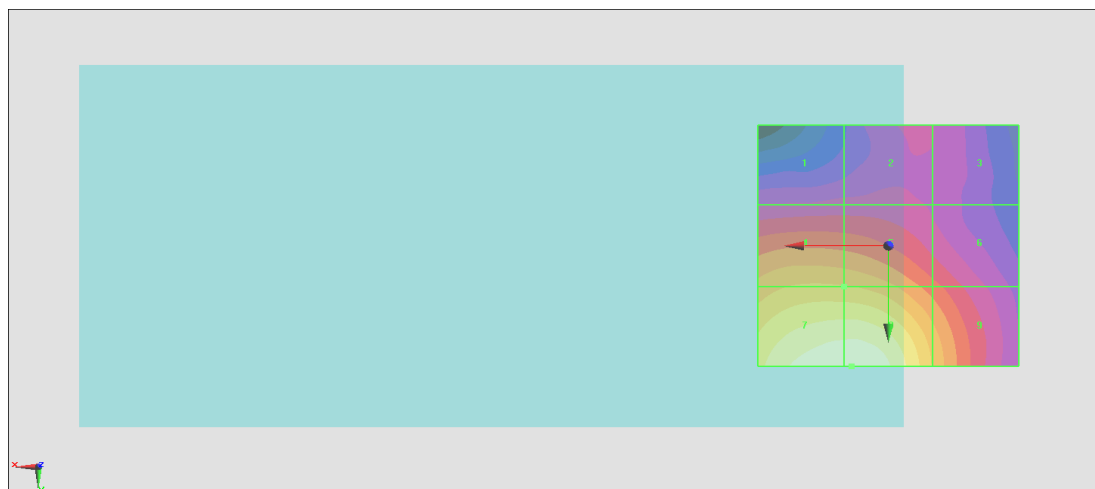
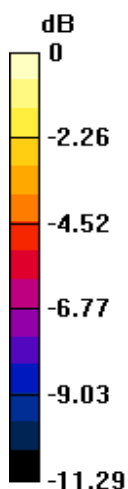
Grid 1 M4 <b>20.15 dBV/m</b>	Grid 2 M4 <b>20.21 dBV/m</b>	Grid 3 M4 <b>19.88 dBV/m</b>
Grid 4 M4 <b>23.76 dBV/m</b>	Grid 5 M4 <b>23.68 dBV/m</b>	Grid 6 M4 <b>21.7 dBV/m</b>
Grid 7 M4 <b>26.58 dBV/m</b>	Grid 8 M4 <b>26.61 dBV/m</b>	Grid 9 M4 <b>23.53 dBV/m</b>

**Cursor:**

Total = 26.61 dBV/m

E Category: M4

Location: 7, 25, 8.7 mm



0 dB = 21.40 V/m = 26.61 dBV/m

### #14\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch6

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5893

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2018/12/10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

### 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 = 19.38 V/m; Power Drift = -0.00 dB

Applied MIF = 0.12 dB

RF audio interference level = 27.51 dBV/m

**Emission category: M4**

MIF scaled E-field

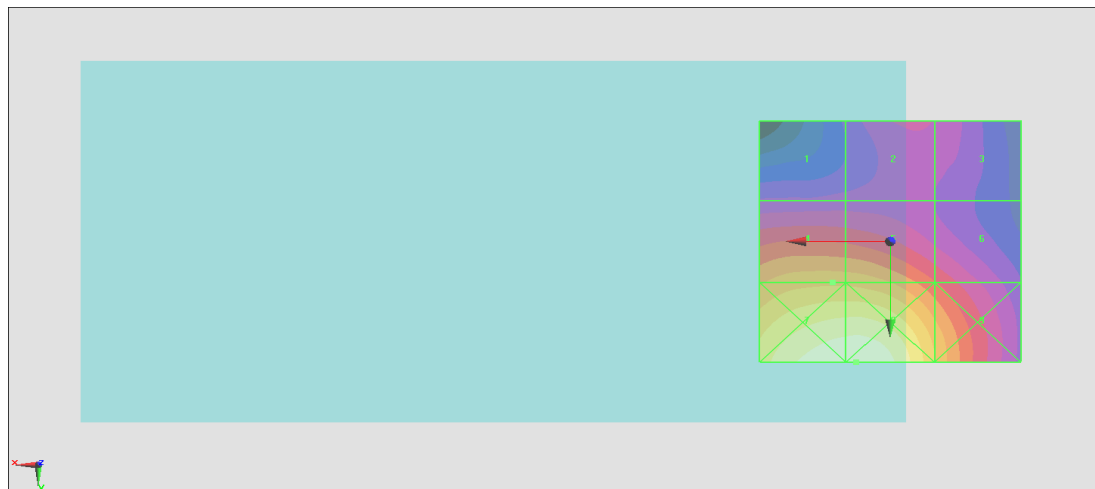
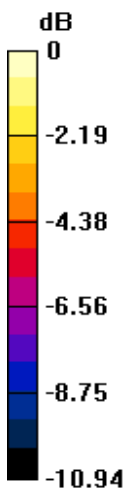
Grid 1 M4 <b>20.54 dBV/m</b>	Grid 2 M4 <b>21.08 dBV/m</b>	Grid 3 M4 <b>20.94 dBV/m</b>
Grid 4 M4 <b>24.45 dBV/m</b>	Grid 5 M4 <b>24.42 dBV/m</b>	Grid 6 M4 <b>22.5 dBV/m</b>
Grid 7 M4 <b>27.47 dBV/m</b>	Grid 8 M4 <b>27.51 dBV/m</b>	Grid 9 M4 <b>24.62 dBV/m</b>

**Cursor:**

Total = 27.51 dBV/m

E Category: M4

Location: 6.5, 25, 8.7 mm



0 dB = 23.74 V/m = 27.51 dBV/m

### #15\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch11

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5893

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2018/12/10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

### 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 = 15.88 V/m; Power Drift = 0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 25.55 dBV/m

**Emission category: M4**

MIF scaled E-field

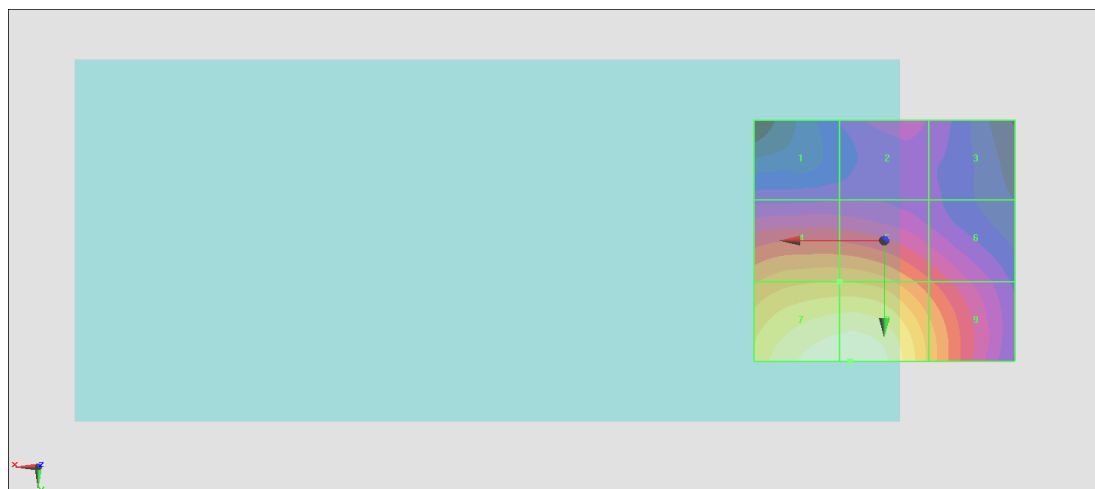
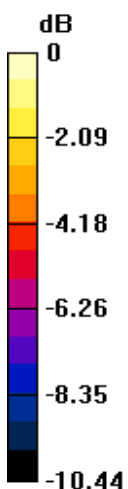
Grid 1 M4 <b>18.57 dBV/m</b>	Grid 2 M4 <b>18.99 dBV/m</b>	Grid 3 M4 <b>18.57 dBV/m</b>
Grid 4 M4 <b>22.78 dBV/m</b>	Grid 5 M4 <b>22.78 dBV/m</b>	Grid 6 M4 <b>20.87 dBV/m</b>
Grid 7 M4 <b>25.48 dBV/m</b>	Grid 8 M4 <b>25.55 dBV/m</b>	Grid 9 M4 <b>22.61 dBV/m</b>

**Cursor:**

Total = 25.55 dBV/m

E Category: M4

Location: 6.5, 25, 8.7 mm



0 dB = 18.96 V/m = 25.56 dBV/m