

### #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 : 23.7 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 66.61 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.63 dBV/m

**Emission category: M4**

MIF scaled E-field

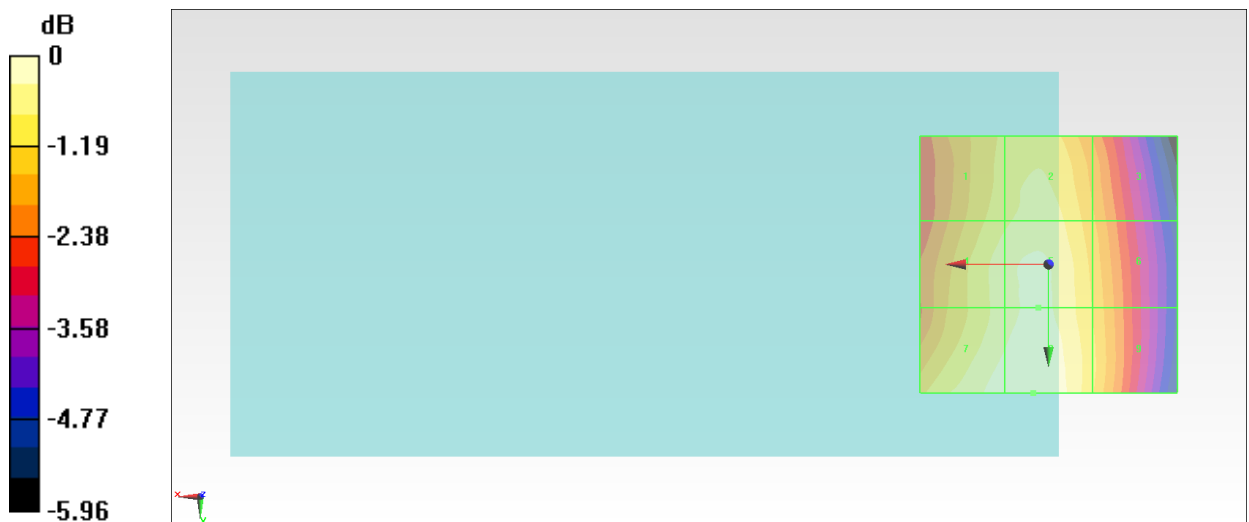
<b>Grid 1 M4</b> <b>36.75 dBV/m</b>	<b>Grid 2 M4</b> <b>37.05 dBV/m</b>	<b>Grid 3 M4</b> <b>36.14 dBV/m</b>
<b>Grid 4 M4</b> <b>37.08 dBV/m</b>	<b>Grid 5 M4</b> <b>37.31 dBV/m</b>	<b>Grid 6 M4</b> <b>36.43 dBV/m</b>
<b>Grid 7 M4</b> <b>37.52 dBV/m</b>	<b>Grid 8 M4</b> <b>37.63 dBV/m</b>	<b>Grid 9 M4</b> <b>36.57 dBV/m</b>

**Cursor:**

Total = 37.63 dBV/m

E Category: M4

Location: 3, 25, 8.7 mm



0 dB = 76.08 V/m = 37.63 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 : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 65.71 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.43 dBV/m

**Emission category: M4**

MIF scaled E-field

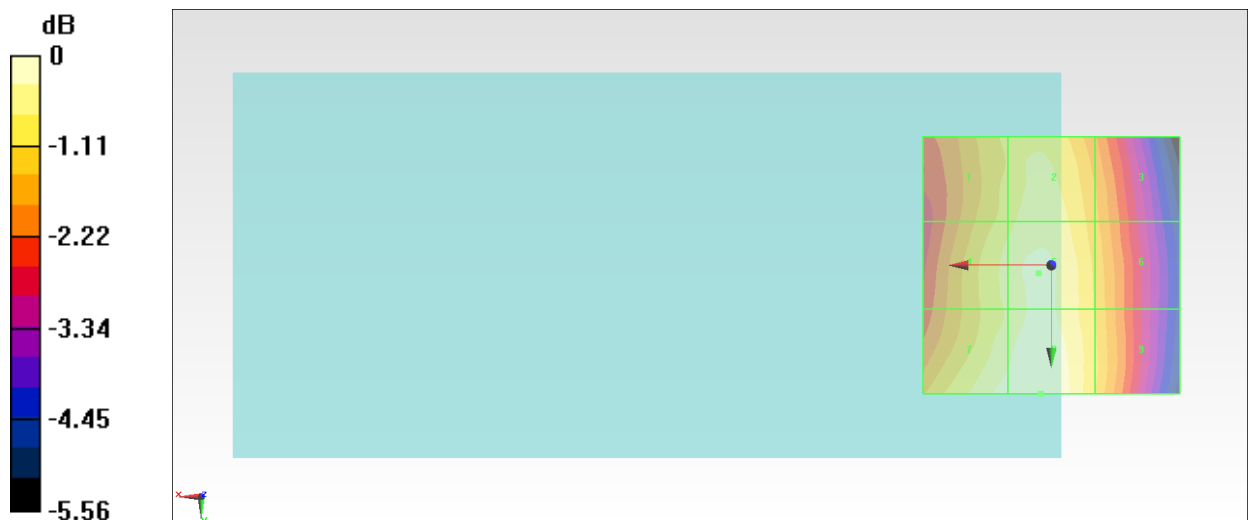
<b>Grid 1 M4</b> <b>36.55 dBV/m</b>	<b>Grid 2 M4</b> <b>36.91 dBV/m</b>	<b>Grid 3 M4</b> <b>36.08 dBV/m</b>
<b>Grid 4 M4</b> <b>36.84 dBV/m</b>	<b>Grid 5 M4</b> <b>37.15 dBV/m</b>	<b>Grid 6 M4</b> <b>36.29 dBV/m</b>
<b>Grid 7 M4</b> <b>37.24 dBV/m</b>	<b>Grid 8 M4</b> <b>37.43 dBV/m</b>	<b>Grid 9 M4</b> <b>36.41 dBV/m</b>

**Cursor:**

Total = 37.43 dBV/m

E Category: M4

Location: 2, 25, 8.7 mm



0 dB = 74.38 V/m = 37.43 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 : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 67.94 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.59 dBV/m

**Emission category: M4**

MIF scaled E-field

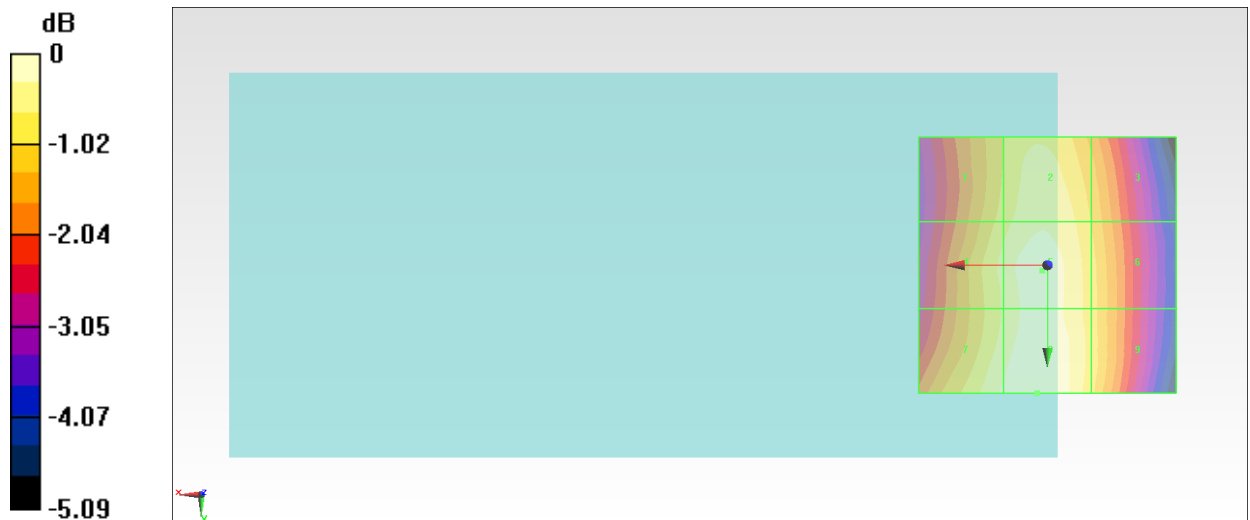
Grid 1 <b>M4</b> <b>36.77 dBV/m</b>	Grid 2 <b>M4</b> <b>37.23 dBV/m</b>	Grid 3 <b>M4</b> <b>36.57 dBV/m</b>
Grid 4 <b>M4</b> <b>37.05 dBV/m</b>	Grid 5 <b>M4</b> <b>37.45 dBV/m</b>	Grid 6 <b>M4</b> <b>36.75 dBV/m</b>
Grid 7 <b>M4</b> <b>37.33 dBV/m</b>	Grid 8 <b>M4</b> <b>37.59 dBV/m</b>	Grid 9 <b>M4</b> <b>36.79 dBV/m</b>

**Cursor:**

Total = 37.59 dBV/m

E Category: M4

Location: 2, 25, 8.7 mm



0 dB = 75.80 V/m = 37.59 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 : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 6.195 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.17 dBV/m

**Emission category: M4**

MIF scaled E-field

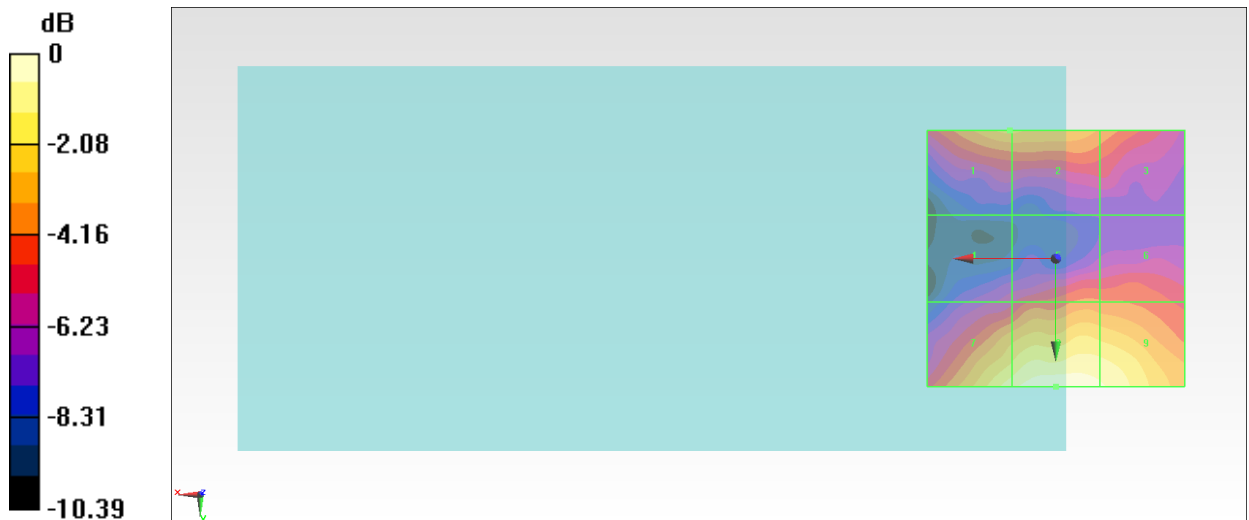
<b>Grid 1 M4</b> <b>22.65 dBV/m</b>	<b>Grid 2 M4</b> <b>22.64 dBV/m</b>	<b>Grid 3 M4</b> <b>21.64 dBV/m</b>
<b>Grid 4 M4</b> <b>19.53 dBV/m</b>	<b>Grid 5 M4</b> <b>21.27 dBV/m</b>	<b>Grid 6 M4</b> <b>21.15 dBV/m</b>
<b>Grid 7 M4</b> <b>24.3 dBV/m</b>	<b>Grid 8 M4</b> <b>25.17 dBV/m</b>	<b>Grid 9 M4</b> <b>24.6 dBV/m</b>

**Cursor:**

Total = 25.17 dBV/m

E Category: M4

Location: 0, 25, 8.7 mm



0 dB = 18.13 V/m = 25.17 dBV/m

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

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

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

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 5.113 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.28 dBV/m

**Emission category: M4**

MIF scaled E-field

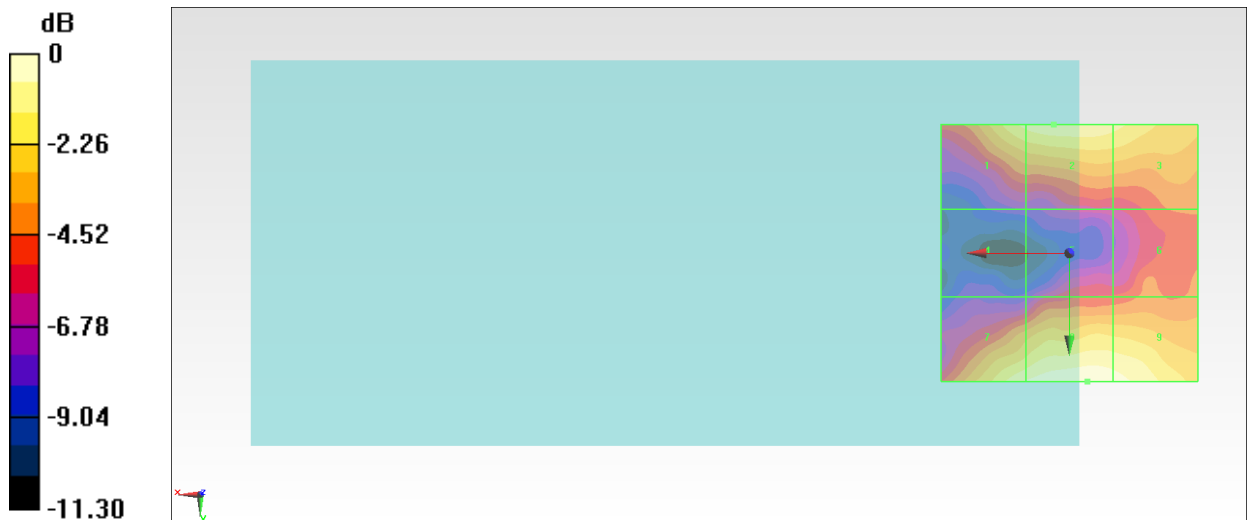
<b>Grid 1 M4</b> <b>23.04 dBV/m</b>	<b>Grid 2 M4</b> <b>23.49 dBV/m</b>	<b>Grid 3 M4</b> <b>23.06 dBV/m</b>
<b>Grid 4 M4</b> <b>16.76 dBV/m</b>	<b>Grid 5 M4</b> <b>19.17 dBV/m</b>	<b>Grid 6 M4</b> <b>20.09 dBV/m</b>
<b>Grid 7 M4</b> <b>23.61 dBV/m</b>	<b>Grid 8 M4</b> <b>24.28 dBV/m</b>	<b>Grid 9 M4</b> <b>23.92 dBV/m</b>

**Cursor:**

Total = 24.28 dBV/m

E Category: M4

Location: -3.5, 25, 8.7 mm



0 dB = 16.37 V/m = 24.28 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 : 23.7 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**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 = 5.971 V/m; Power Drift = 0.11 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.64 dBV/m

**Emission category: M4**

MIF scaled E-field

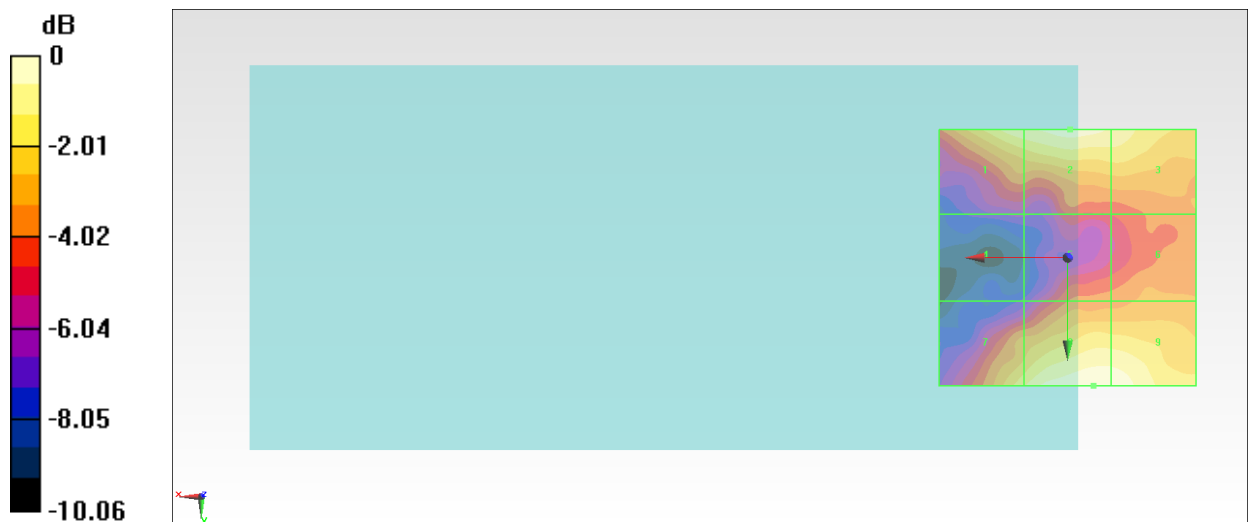
<b>Grid 1 M4</b> <b>23 dBV/m</b>	<b>Grid 2 M4</b> <b>23.36 dBV/m</b>	<b>Grid 3 M4</b> <b>22.88 dBV/m</b>
<b>Grid 4 M4</b> <b>17.28 dBV/m</b>	<b>Grid 5 M4</b> <b>20.02 dBV/m</b>	<b>Grid 6 M4</b> <b>20.49 dBV/m</b>
<b>Grid 7 M4</b> <b>22.27 dBV/m</b>	<b>Grid 8 M4</b> <b>23.64 dBV/m</b>	<b>Grid 9 M4</b> <b>23.58 dBV/m</b>

**Cursor:**

Total = 23.64 dBV/m

E Category: M4

Location: -5, 25, 8.7 mm



0 dB = 15.21 V/m = 23.64 dBV/m

### #07\_HAC\_E\_CDMA BC0\_ 1xRTT, RC1 SO3, 1/8th Rate\_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 : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 45.00 V/m; Power Drift = -0.04 dB

Applied MIF = 3.26 dB

RF audio interference level = 33.78 dBV/m

**Emission category: M4**

MIF scaled E-field

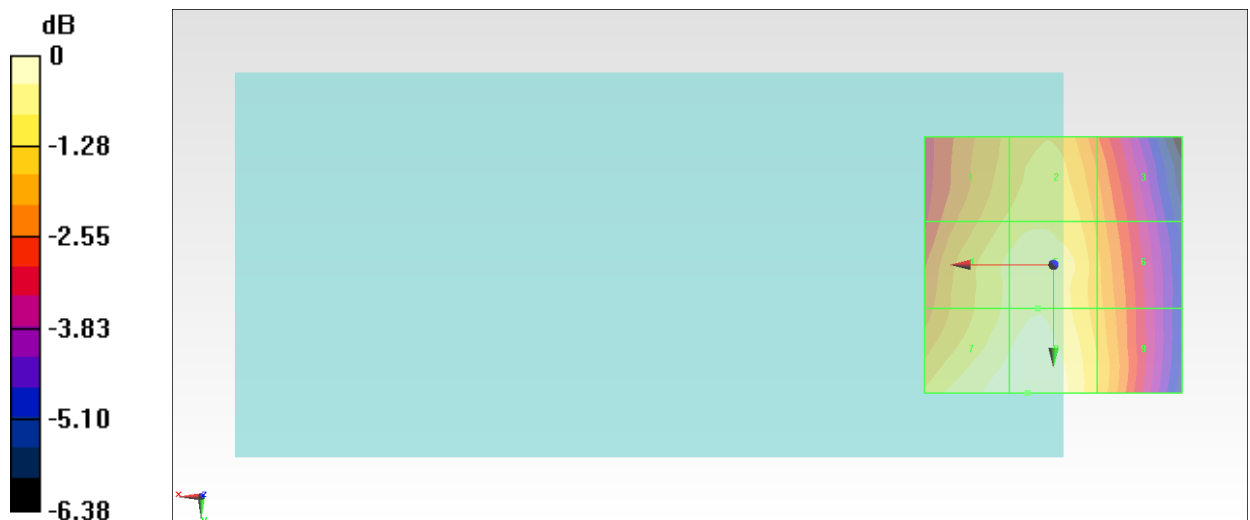
Grid 1 <b>M4</b> <b>32.61 dBV/m</b>	Grid 2 <b>M4</b> <b>32.86 dBV/m</b>	Grid 3 <b>M4</b> <b>31.97 dBV/m</b>
Grid 4 <b>M4</b> <b>33.07 dBV/m</b>	Grid 5 <b>M4</b> <b>33.34 dBV/m</b>	Grid 6 <b>M4</b> <b>32.29 dBV/m</b>
Grid 7 <b>M4</b> <b>33.7 dBV/m</b>	Grid 8 <b>M4</b> <b>33.78 dBV/m</b>	Grid 9 <b>M4</b> <b>32.57 dBV/m</b>

**Cursor:**

Total = 33.78 dBV/m

E Category: M4

Location: 5, 25, 8.7 mm



0 dB = 48.87 V/m = 33.78 dBV/m

**#08\_HAC\_E\_CDMA BC0\_ 1xRTT, RC1 SO3, 1/8th Rate\_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 : 23.7 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**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 = 46.59 V/m; Power Drift = 0.03 dB

Applied MIF = 3.26 dB

RF audio interference level = 34.23 dBV/m

**Emission category: M4**

MIF scaled E-field

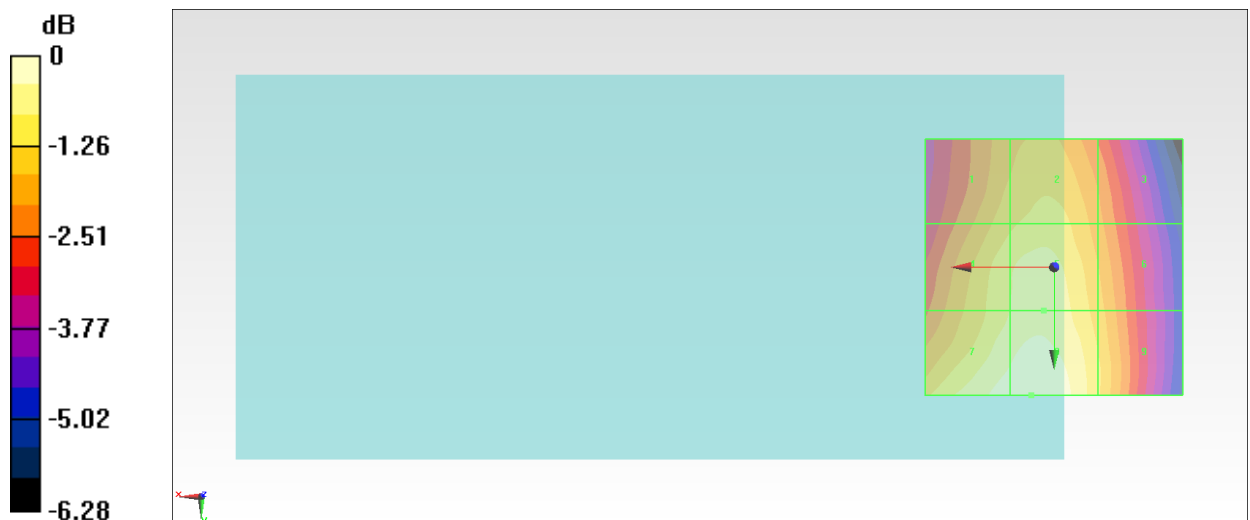
Grid 1 <b>M4</b> <b>32.89 dBV/m</b>	Grid 2 <b>M4</b> <b>33.2 dBV/m</b>	Grid 3 <b>M4</b> <b>32.32 dBV/m</b>
Grid 4 <b>M4</b> <b>33.41 dBV/m</b>	Grid 5 <b>M4</b> <b>33.69 dBV/m</b>	Grid 6 <b>M4</b> <b>32.77 dBV/m</b>
Grid 7 <b>M4</b> <b>34.1 dBV/m</b>	Grid 8 <b>M4</b> <b>34.23 dBV/m</b>	Grid 9 <b>M4</b> <b>33.07 dBV/m</b>

**Cursor:**

Total = 34.23 dBV/m

E Category: M4

Location: 4.5, 25, 8.7 mm



0 dB = 51.46 V/m = 34.23 dBV/m



**#09\_HAC\_E\_CDMA BC0\_ 1xRTT, RC1 SO3, 1/8th Rate\_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 : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**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 = 43.14 V/m; Power Drift = -0.13 dB

Applied MIF = 3.26 dB

RF audio interference level = 33.18 dBV/m

**Emission category: M4**

MIF scaled E-field

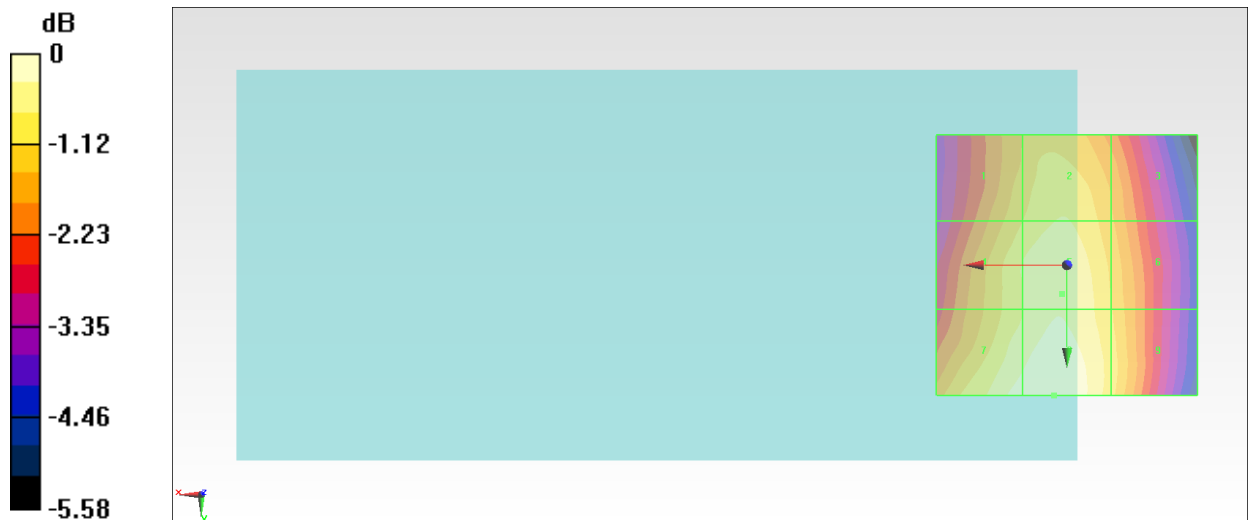
<b>Grid 1 M4</b> <b>32.07 dBV/m</b>	<b>Grid 2 M4</b> <b>32.46 dBV/m</b>	<b>Grid 3 M4</b> <b>31.77 dBV/m</b>
<b>Grid 4 M4</b> <b>32.47 dBV/m</b>	<b>Grid 5 M4</b> <b>32.81 dBV/m</b>	<b>Grid 6 M4</b> <b>32.09 dBV/m</b>
<b>Grid 7 M4</b> <b>33.02 dBV/m</b>	<b>Grid 8 M4</b> <b>33.18 dBV/m</b>	<b>Grid 9 M4</b> <b>32.28 dBV/m</b>

**Cursor:**

Total = 33.18 dBV/m

E Category: M4

Location: 2.5, 25, 8.7 mm



0 dB = 45.61 V/m = 33.18 dBV/m

### #10\_HAC\_E\_CDMA BC1\_ 1xRTT, RC1 SO3, 1/8th Rate\_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 : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 19.01 V/m; Power Drift = 0.11 dB

Applied MIF = 3.26 dB

RF audio interference level = 30.21 dBV/m

**Emission category: M3**

MIF scaled E-field

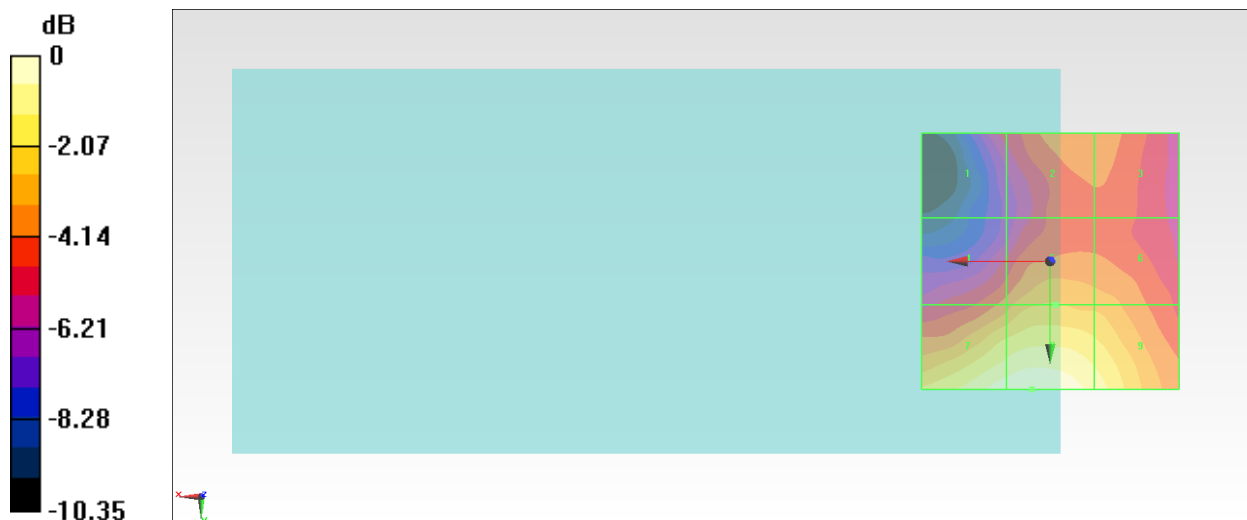
Grid 1 <b>M4</b> <b>25.19 dBV/m</b>	Grid 2 <b>M4</b> <b>26.72 dBV/m</b>	Grid 3 <b>M4</b> <b>26.64 dBV/m</b>
Grid 4 <b>M4</b> <b>26.47 dBV/m</b>	Grid 5 <b>M4</b> <b>27.53 dBV/m</b>	Grid 6 <b>M4</b> <b>27.28 dBV/m</b>
Grid 7 <b>M3</b> <b>30 dBV/m</b>	Grid 8 <b>M3</b> <b>30.21 dBV/m</b>	Grid 9 <b>M4</b> <b>29.3 dBV/m</b>

**Cursor:**

Total = 30.21 dBV/m

E Category: M3

Location: 3.5, 25, 8.7 mm



0 dB = 32.40 V/m = 30.21 dBV/m

### #11\_HAC\_E\_CDMA BC1\_ 1xRTT, RC1 SO3, 1/8th Rate\_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 : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 0.10 dB

Applied MIF = 3.26 dB

RF audio interference level = 30.79 dBV/m

**Emission category: M3**

MIF scaled E-field

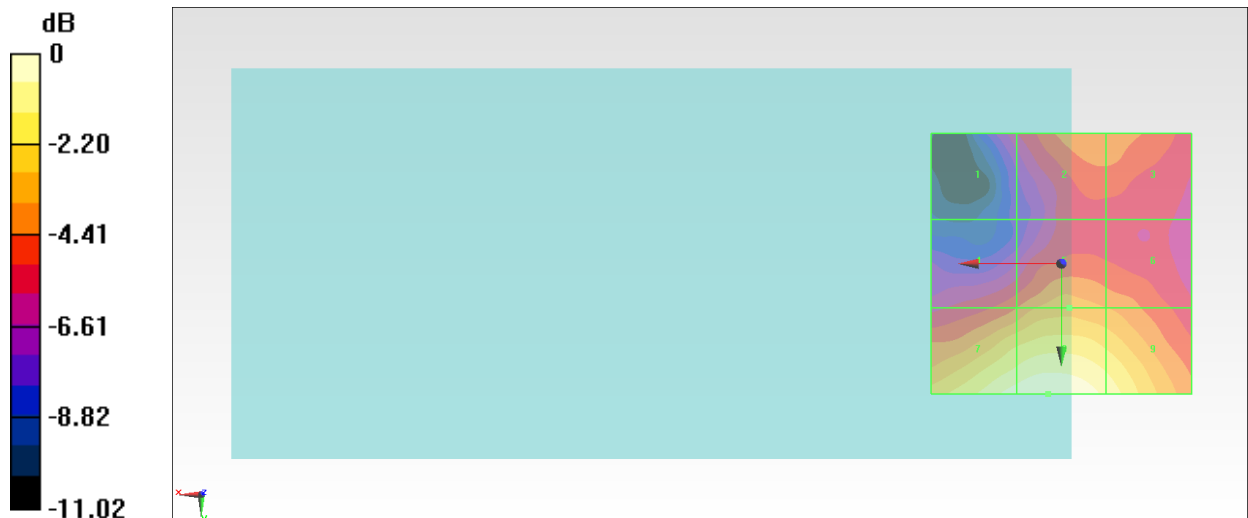
Grid 1 <b>M4</b> <b>24.94 dBV/m</b>	Grid 2 <b>M4</b> <b>27.12 dBV/m</b>	Grid 3 <b>M4</b> <b>26.97 dBV/m</b>
Grid 4 <b>M4</b> <b>26.42 dBV/m</b>	Grid 5 <b>M4</b> <b>27.56 dBV/m</b>	Grid 6 <b>M4</b> <b>27.16 dBV/m</b>
Grid 7 <b>M3</b> <b>30.49 dBV/m</b>	Grid 8 <b>M3</b> <b>30.79 dBV/m</b>	Grid 9 <b>M4</b> <b>29.87 dBV/m</b>

**Cursor:**

Total = 30.79 dBV/m

E Category: M3

Location: 2.5, 25, 8.7 mm



0 dB = 34.65 V/m = 30.79 dBV/m

### #12\_HAC\_E\_CDMA BC1\_ 1xRTT, RC1 SO3, 1/8th Rate\_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 : 23.7 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**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 = 14.40 V/m; Power Drift = 0.06 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.50 dBV/m

**Emission category: M4**

MIF scaled E-field

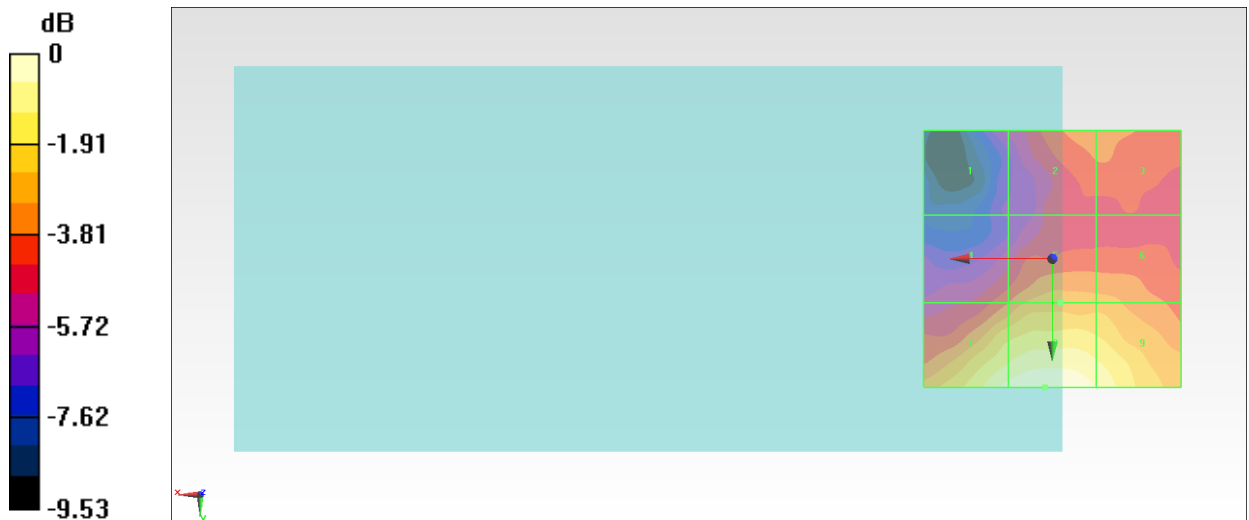
<b>Grid 1 M4</b> <b>23.17 dBV/m</b>	<b>Grid 2 M4</b> <b>24.96 dBV/m</b>	<b>Grid 3 M4</b> <b>24.91 dBV/m</b>
<b>Grid 4 M4</b> <b>24.72 dBV/m</b>	<b>Grid 5 M4</b> <b>25.69 dBV/m</b>	<b>Grid 6 M4</b> <b>25.66 dBV/m</b>
<b>Grid 7 M4</b> <b>28.12 dBV/m</b>	<b>Grid 8 M4</b> <b>28.5 dBV/m</b>	<b>Grid 9 M4</b> <b>27.87 dBV/m</b>

**Cursor:**

Total = 28.50 dBV/m

E Category: M4

Location: 1.5, 25, 8.7 mm



0 dB = 26.62 V/m = 28.50 dBV/m

### #13\_HAC\_E\_CDMA BC10\_ 1xRTT, RC1 SO3, 1/8th Rate\_Ch476

Communication System: 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 : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 25.03 V/m; Power Drift = 0.04 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.81 dBV/m

**Emission category: M4**

MIF scaled E-field

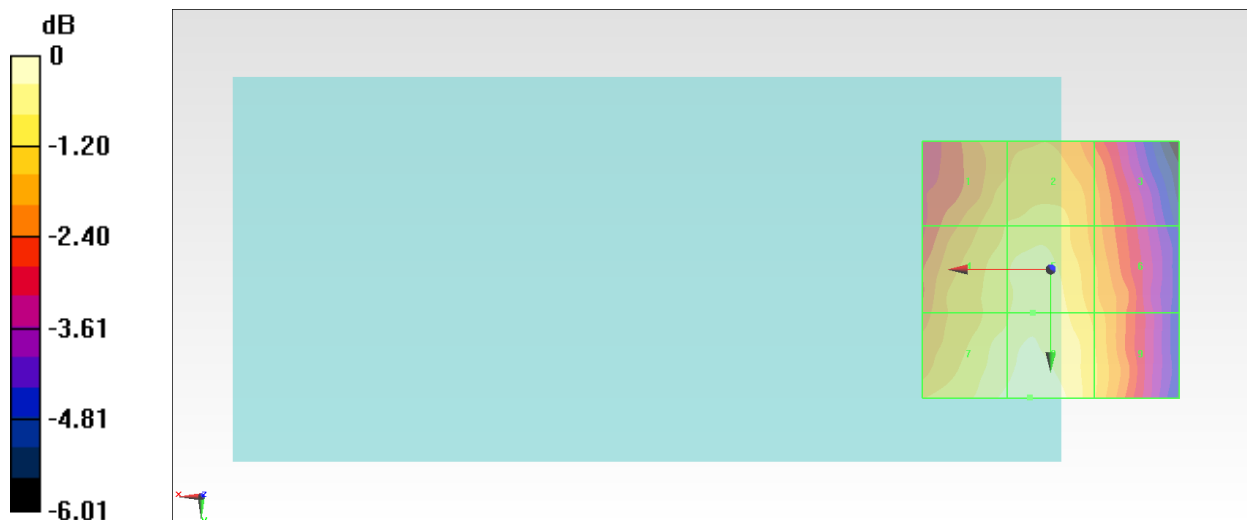
<b>Grid 1 M4</b> <b>27.63 dBV/m</b>	<b>Grid 2 M4</b> <b>27.9 dBV/m</b>	<b>Grid 3 M4</b> <b>27.03 dBV/m</b>
<b>Grid 4 M4</b> <b>27.98 dBV/m</b>	<b>Grid 5 M4</b> <b>28.32 dBV/m</b>	<b>Grid 6 M4</b> <b>27.49 dBV/m</b>
<b>Grid 7 M4</b> <b>28.55 dBV/m</b>	<b>Grid 8 M4</b> <b>28.81 dBV/m</b>	<b>Grid 9 M4</b> <b>27.7 dBV/m</b>

**Cursor:**

Total = 28.81 dBV/m

E Category: M4

Location: 4, 25, 8.7 mm



0 dB = 27.58 V/m = 28.81 dBV/m

### #14\_HAC\_E\_CDMA BC10\_ 1xRTT, RC1 SO3, 1/8th Rate\_Ch580

Communication System: 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 : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 820.5 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 25.76 V/m; Power Drift = 0.04 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.94 dBV/m

**Emission category: M4**

MIF scaled E-field

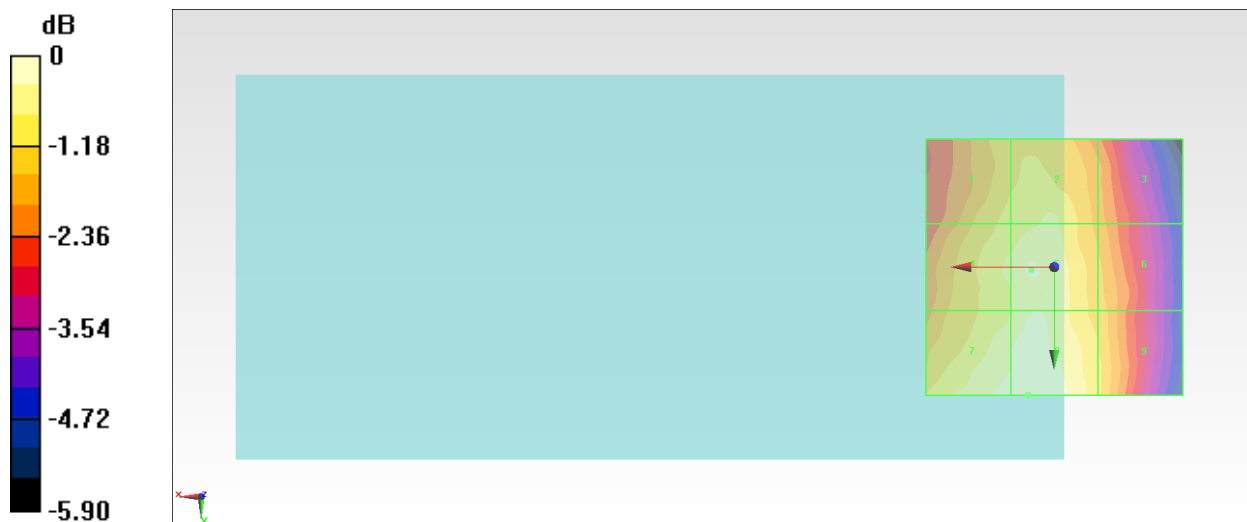
<b>Grid 1 M4</b> <b>27.92 dBV/m</b>	<b>Grid 2 M4</b> <b>28.23 dBV/m</b>	<b>Grid 3 M4</b> <b>27.22 dBV/m</b>
<b>Grid 4 M4</b> <b>28.27 dBV/m</b>	<b>Grid 5 M4</b> <b>28.59 dBV/m</b>	<b>Grid 6 M4</b> <b>27.62 dBV/m</b>
<b>Grid 7 M4</b> <b>28.78 dBV/m</b>	<b>Grid 8 M4</b> <b>28.94 dBV/m</b>	<b>Grid 9 M4</b> <b>27.88 dBV/m</b>

**Cursor:**

Total = 28.94 dBV/m

E Category: M4

Location: 5, 25, 8.7 mm



0 dB = 27.99 V/m = 28.94 dBV/m

### #15\_HAC\_E\_CDMA BC10\_ 1xRTT, RC1 SO3, 1/8th Rate\_Ch684

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 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 : 23.7 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**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 = 25.80 V/m; Power Drift = 0.07 dB

Applied MIF = 3.26 dB

RF audio interference level = 29.06 dBV/m

**Emission category: M4**

MIF scaled E-field

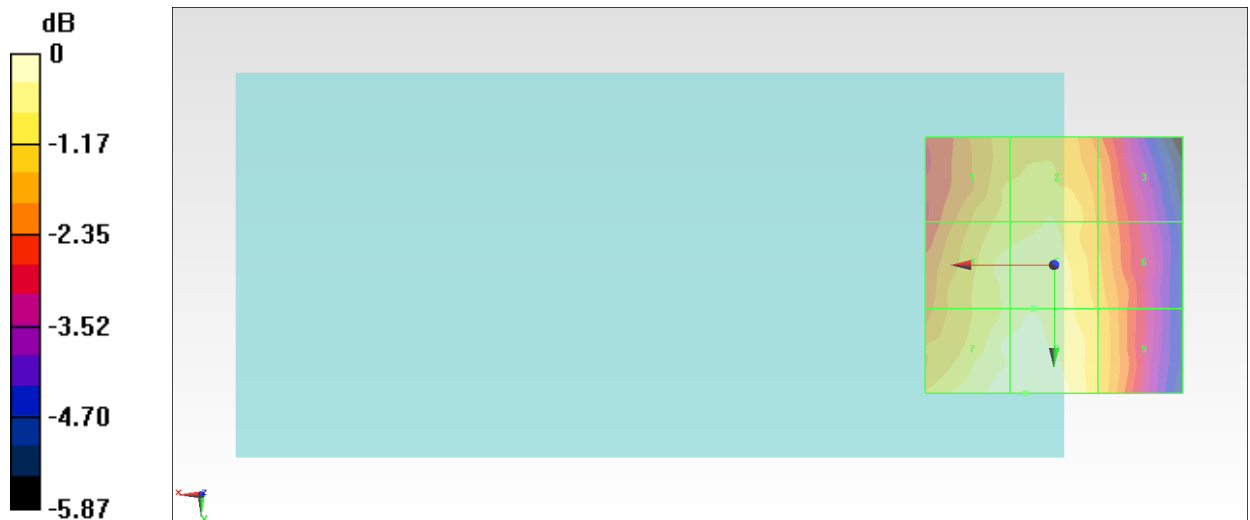
<b>Grid 1 M4</b> <b>28.07 dBV/m</b>	<b>Grid 2 M4</b> <b>28.3 dBV/m</b>	<b>Grid 3 M4</b> <b>27.44 dBV/m</b>
<b>Grid 4 M4</b> <b>28.5 dBV/m</b>	<b>Grid 5 M4</b> <b>28.63 dBV/m</b>	<b>Grid 6 M4</b> <b>27.83 dBV/m</b>
<b>Grid 7 M4</b> <b>28.98 dBV/m</b>	<b>Grid 8 M4</b> <b>29.06 dBV/m</b>	<b>Grid 9 M4</b> <b>27.97 dBV/m</b>

**Cursor:**

Total = 29.06 dBV/m

E Category: M4

Location: 5.5, 25, 8.7 mm



0 dB = 28.37 V/m = 29.06 dBV/m

### #16\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch39750

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2506 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.7 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.65 V/m; Power Drift = 0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.62 dBV/m

**Emission category: M4**

MIF scaled E-field

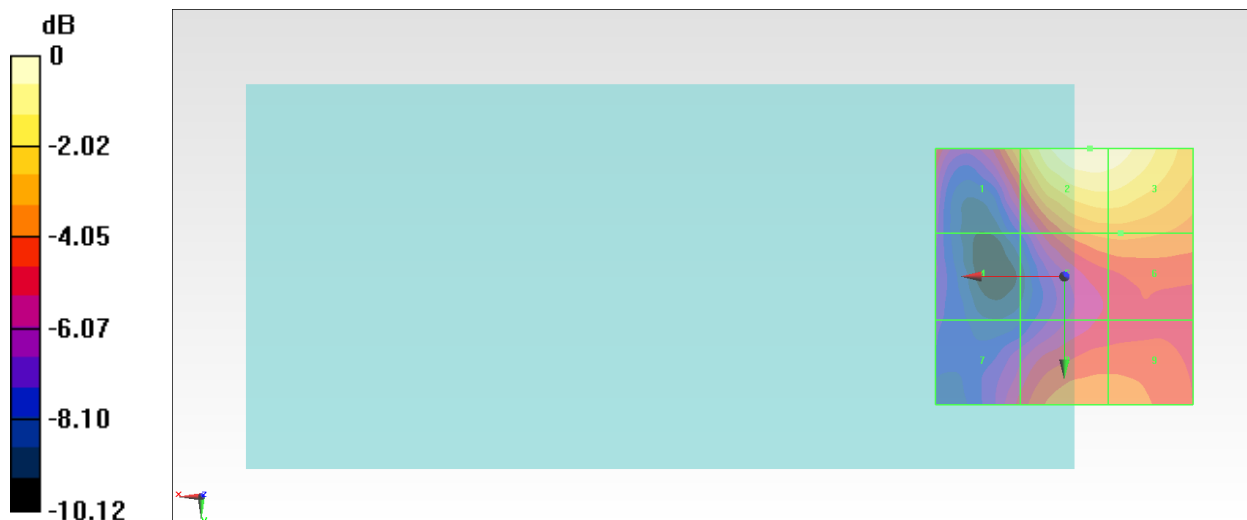
<b>Grid 1 M4</b> <b>23.08 dBV/m</b>	<b>Grid 2 M4</b> <b>25.62 dBV/m</b>	<b>Grid 3 M4</b> <b>25.45 dBV/m</b>
<b>Grid 4 M4</b> <b>19.16 dBV/m</b>	<b>Grid 5 M4</b> <b>22.51 dBV/m</b>	<b>Grid 6 M4</b> <b>22.55 dBV/m</b>
<b>Grid 7 M4</b> <b>20.53 dBV/m</b>	<b>Grid 8 M4</b> <b>22.19 dBV/m</b>	<b>Grid 9 M4</b> <b>22.09 dBV/m</b>

**Cursor:**

Total = 25.62 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 19.11 V/m = 25.63 dBV/m



### #17\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40185

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2549.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 13.80 V/m; Power Drift = 0.13 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.50 dBV/m

**Emission category: M4**

MIF scaled E-field

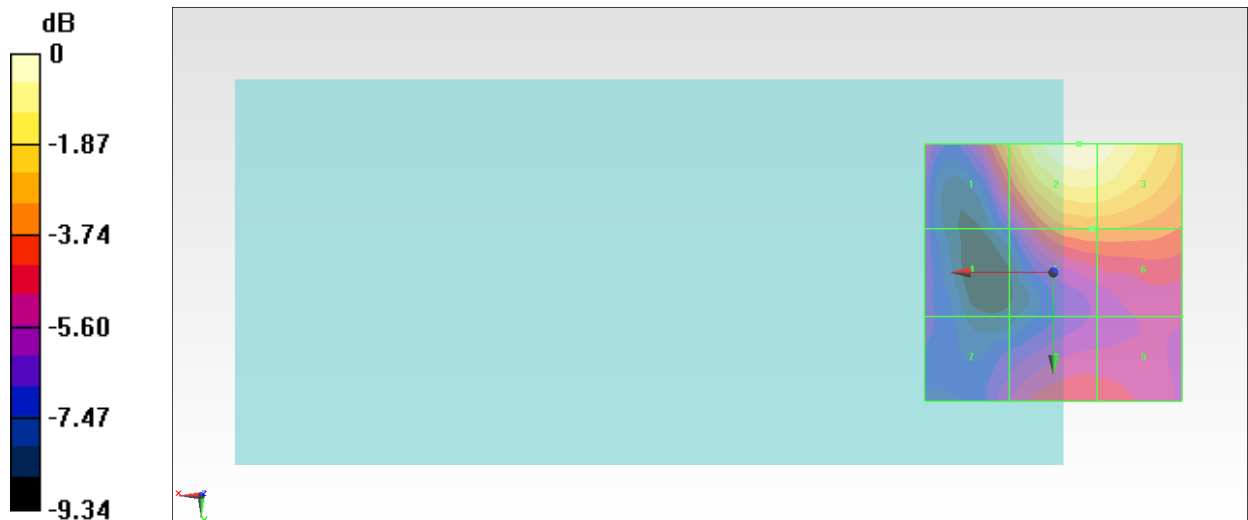
Grid 1 <b>M4</b> <b>23.09 dBV/m</b>	Grid 2 <b>M4</b> <b>25.5 dBV/m</b>	Grid 3 <b>M4</b> <b>25.29 dBV/m</b>
Grid 4 <b>M4</b> <b>19.29 dBV/m</b>	Grid 5 <b>M4</b> <b>22.42 dBV/m</b>	Grid 6 <b>M4</b> <b>22.42 dBV/m</b>
Grid 7 <b>M4</b> <b>19.9 dBV/m</b>	Grid 8 <b>M4</b> <b>21.16 dBV/m</b>	Grid 9 <b>M4</b> <b>21.01 dBV/m</b>

**Cursor:**

Total = 25.50 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 18.84 V/m = 25.50 dBV/m

### #18\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40620

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2593 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.7 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 14.27 V/m; Power Drift = 0.13 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.30 dBV/m

**Emission category: M4**

MIF scaled E-field

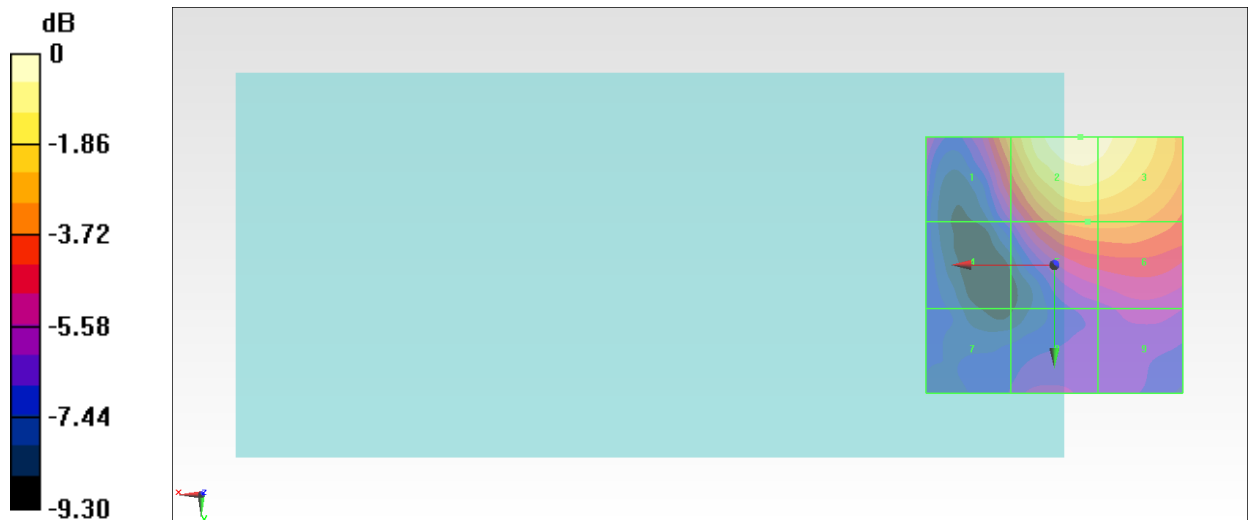
<b>Grid 1 M4</b> <b>22.75 dBV/m</b>	<b>Grid 2 M4</b> <b>25.3 dBV/m</b>	<b>Grid 3 M4</b> <b>24.99 dBV/m</b>
<b>Grid 4 M4</b> <b>19.09 dBV/m</b>	<b>Grid 5 M4</b> <b>22.56 dBV/m</b>	<b>Grid 6 M4</b> <b>22.54 dBV/m</b>
<b>Grid 7 M4</b> <b>18.59 dBV/m</b>	<b>Grid 8 M4</b> <b>19.32 dBV/m</b>	<b>Grid 9 M4</b> <b>19.51 dBV/m</b>

**Cursor:**

Total = 25.30 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 18.41 V/m = 25.30 dBV/m

### #19\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41055

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2636.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 16.47 V/m; Power Drift = 0.14 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.75 dBV/m

**Emission category: M4**

MIF scaled E-field

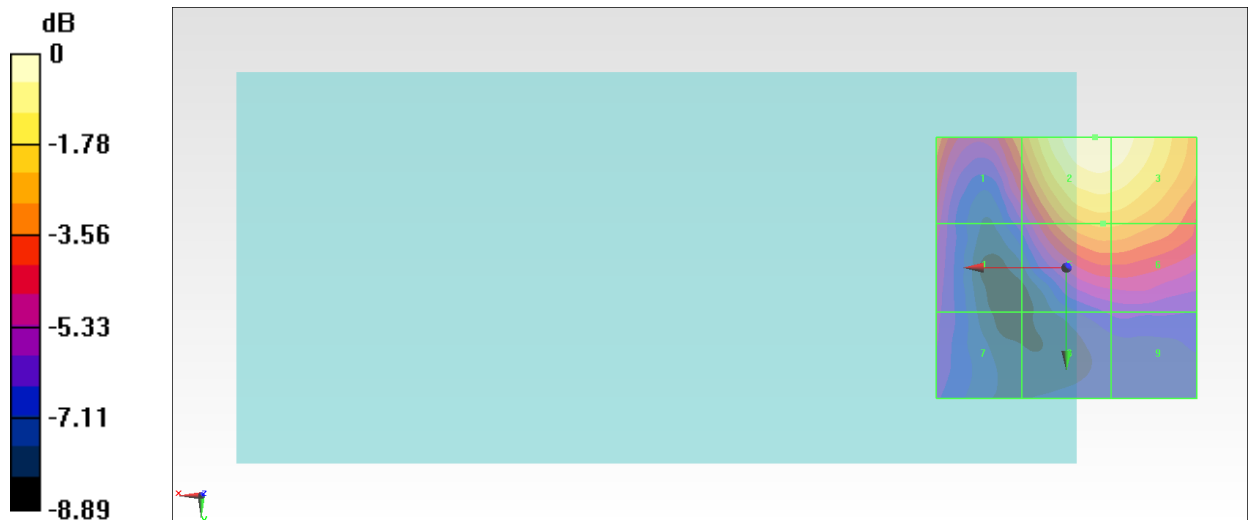
Grid 1 <b>M4</b> <b>22.97 dBV/m</b>	Grid 2 <b>M4</b> <b>25.75 dBV/m</b>	Grid 3 <b>M4</b> <b>25.6 dBV/m</b>
Grid 4 <b>M4</b> <b>20.89 dBV/m</b>	Grid 5 <b>M4</b> <b>23.56 dBV/m</b>	Grid 6 <b>M4</b> <b>23.53 dBV/m</b>
Grid 7 <b>M4</b> <b>20.04 dBV/m</b>	Grid 8 <b>M4</b> <b>19.37 dBV/m</b>	Grid 9 <b>M4</b> <b>19.5 dBV/m</b>

**Cursor:**

Total = 25.75 dBV/m

E Category: M4

Location: -5.5, -25, 8.7 mm



0 dB = 19.39 V/m = 25.75 dBV/m

### #20\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2680 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.7 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 17.82 V/m; Power Drift = 0.10 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.80 dBV/m

**Emission category: M4**

MIF scaled E-field

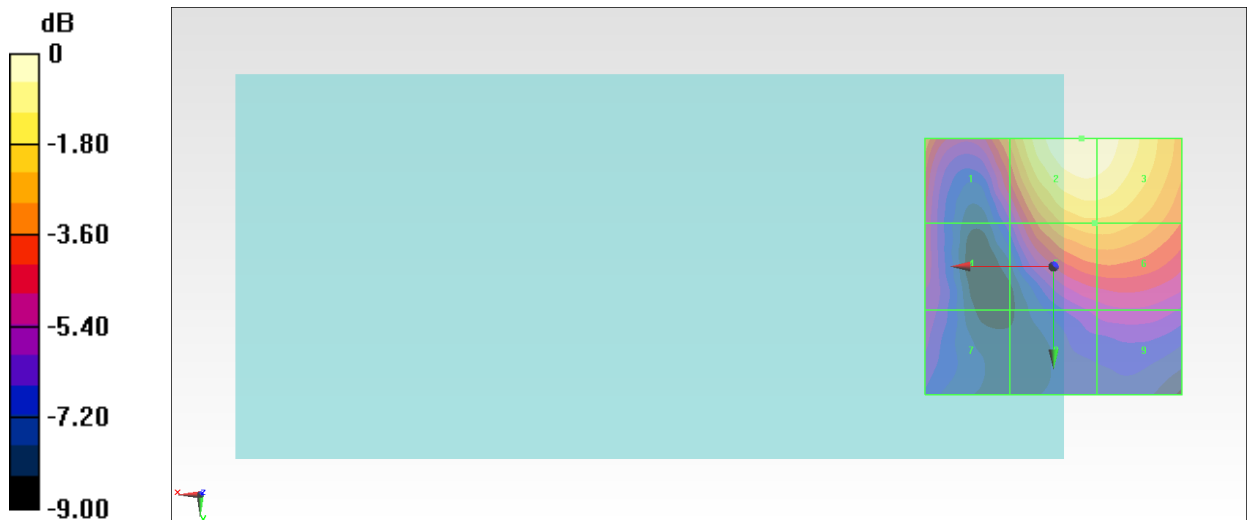
<b>Grid 1 M4</b> <b>23.05 dBV/m</b>	<b>Grid 2 M4</b> <b>25.8 dBV/m</b>	<b>Grid 3 M4</b> <b>25.64 dBV/m</b>
<b>Grid 4 M4</b> <b>21.07 dBV/m</b>	<b>Grid 5 M4</b> <b>23.84 dBV/m</b>	<b>Grid 6 M4</b> <b>23.83 dBV/m</b>
<b>Grid 7 M4</b> <b>20.25 dBV/m</b>	<b>Grid 8 M4</b> <b>20.08 dBV/m</b>	<b>Grid 9 M4</b> <b>20.35 dBV/m</b>

**Cursor:**

Total = 25.80 dBV/m

E Category: M4

Location: -5.5, -25, 8.7 mm



0 dB = 19.50 V/m = 25.80 dBV/m

### #21\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch39750

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2506 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.7 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 12.19 V/m; Power Drift = 0.15 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.98 dBV/m

**Emission category: M4**

MIF scaled E-field

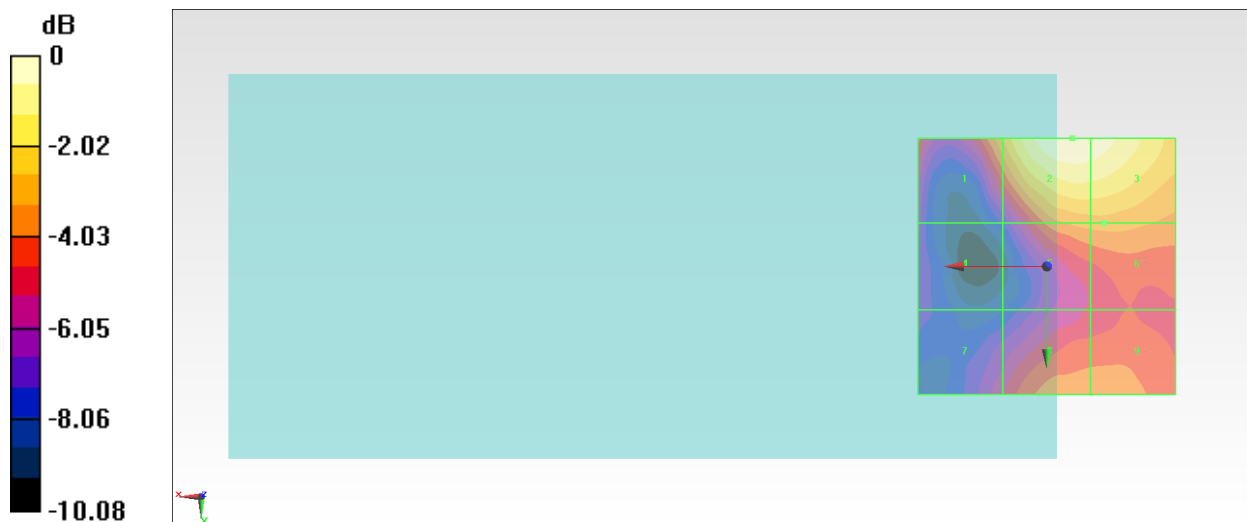
<b>Grid 1 M4</b> <b>21.37 dBV/m</b>	<b>Grid 2 M4</b> <b>23.98 dBV/m</b>	<b>Grid 3 M4</b> <b>23.81 dBV/m</b>
<b>Grid 4 M4</b> <b>17.56 dBV/m</b>	<b>Grid 5 M4</b> <b>20.93 dBV/m</b>	<b>Grid 6 M4</b> <b>20.99 dBV/m</b>
<b>Grid 7 M4</b> <b>18.64 dBV/m</b>	<b>Grid 8 M4</b> <b>20.46 dBV/m</b>	<b>Grid 9 M4</b> <b>20.45 dBV/m</b>

**Cursor:**

Total = 23.98 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 15.80 V/m = 23.97 dBV/m

## #22\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40185

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2549.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 11.73 V/m; Power Drift = 0.14 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.80 dBV/m

**Emission category: M4**

MIF scaled E-field

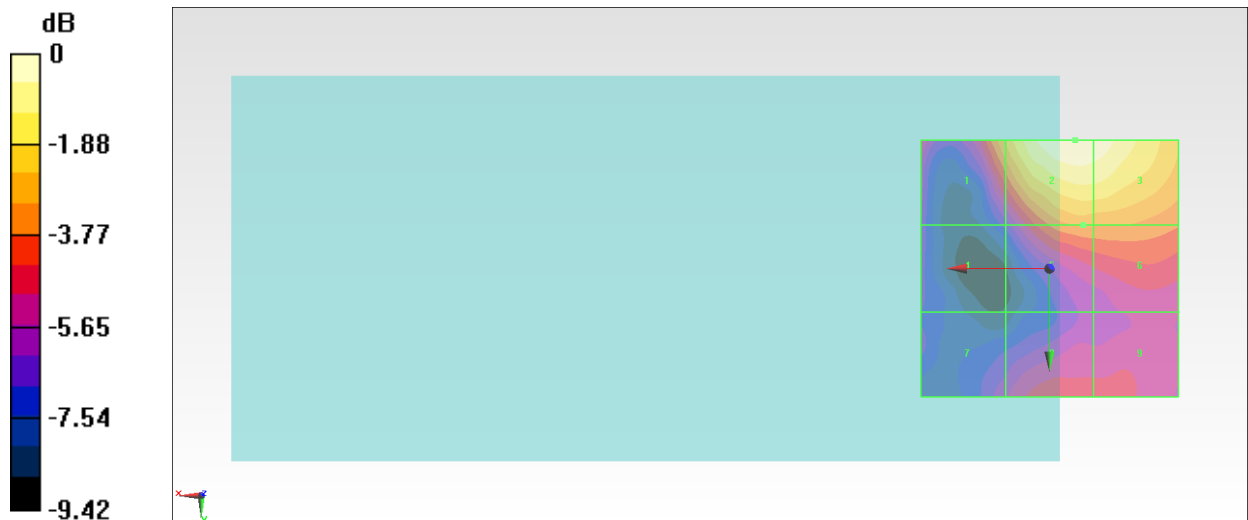
Grid 1 <b>M4</b> <b>21.45 dBV/m</b>	Grid 2 <b>M4</b> <b>23.8 dBV/m</b>	Grid 3 <b>M4</b> <b>23.67 dBV/m</b>
Grid 4 <b>M4</b> <b>17.64 dBV/m</b>	Grid 5 <b>M4</b> <b>20.78 dBV/m</b>	Grid 6 <b>M4</b> <b>20.74 dBV/m</b>
Grid 7 <b>M4</b> <b>18.11 dBV/m</b>	Grid 8 <b>M4</b> <b>19.17 dBV/m</b>	Grid 9 <b>M4</b> <b>19.14 dBV/m</b>

**Cursor:**

Total = 23.80 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 15.49 V/m = 23.80 dBV/m

### #23\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40620

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2593 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.7 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 12.36 V/m; Power Drift = 0.13 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.56 dBV/m

**Emission category: M4**

MIF scaled E-field

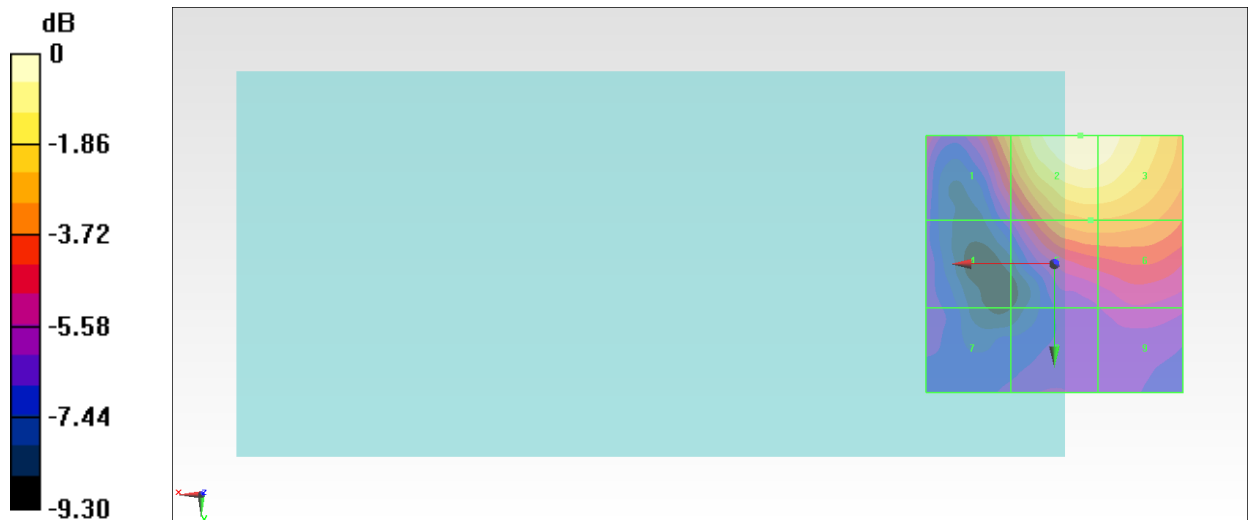
<b>Grid 1 M4</b> <b>21.09 dBV/m</b>	<b>Grid 2 M4</b> <b>23.56 dBV/m</b>	<b>Grid 3 M4</b> <b>23.39 dBV/m</b>
<b>Grid 4 M4</b> <b>17.43 dBV/m</b>	<b>Grid 5 M4</b> <b>21.02 dBV/m</b>	<b>Grid 6 M4</b> <b>21.01 dBV/m</b>
<b>Grid 7 M4</b> <b>17.28 dBV/m</b>	<b>Grid 8 M4</b> <b>17.46 dBV/m</b>	<b>Grid 9 M4</b> <b>17.94 dBV/m</b>

**Cursor:**

Total = 23.56 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 15.06 V/m = 23.56 dBV/m

### #24\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41055

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2636.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.84 V/m; Power Drift = -0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.83 dBV/m

**Emission category: M4**

MIF scaled E-field

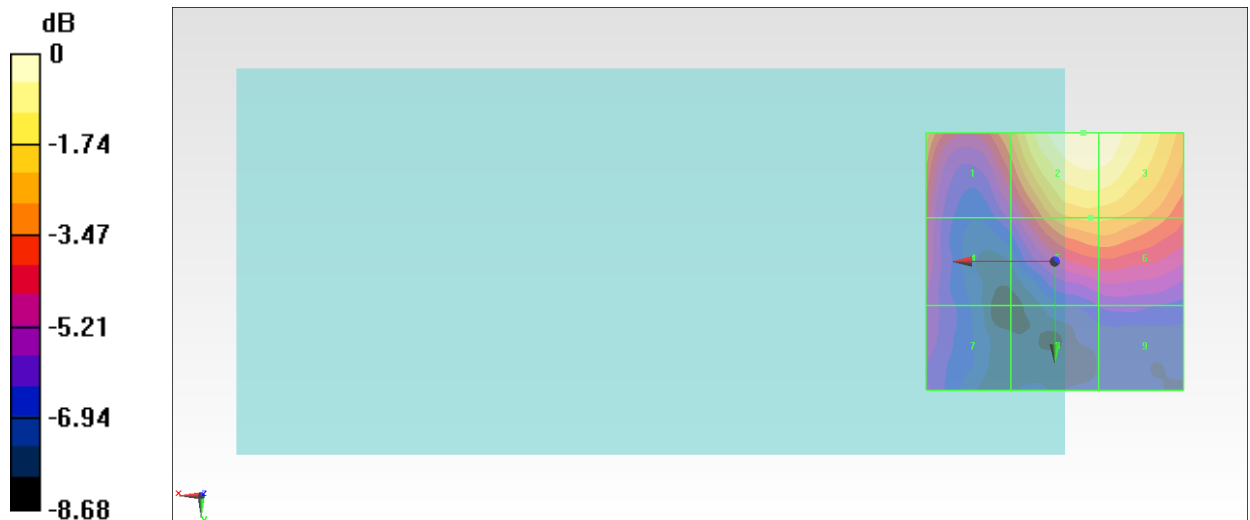
Grid 1 <b>M4</b> <b>21.38 dBV/m</b>	Grid 2 <b>M4</b> <b>23.83 dBV/m</b>	Grid 3 <b>M4</b> <b>23.73 dBV/m</b>
Grid 4 <b>M4</b> <b>19.49 dBV/m</b>	Grid 5 <b>M4</b> <b>21.68 dBV/m</b>	Grid 6 <b>M4</b> <b>21.66 dBV/m</b>
Grid 7 <b>M4</b> <b>18.51 dBV/m</b>	Grid 8 <b>M4</b> <b>17.53 dBV/m</b>	Grid 9 <b>M4</b> <b>17.73 dBV/m</b>

**Cursor:**

Total = 23.83 dBV/m

E Category: M4

Location: -5.5, -25, 8.7 mm



0 dB = 15.54 V/m = 23.83 dBV/m



### #25\_HAC\_E\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch41490

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2680 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.7 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### 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 = 15.04 V/m; Power Drift = -0.05 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.03 dBV/m

**Emission category: M4**

MIF scaled E-field

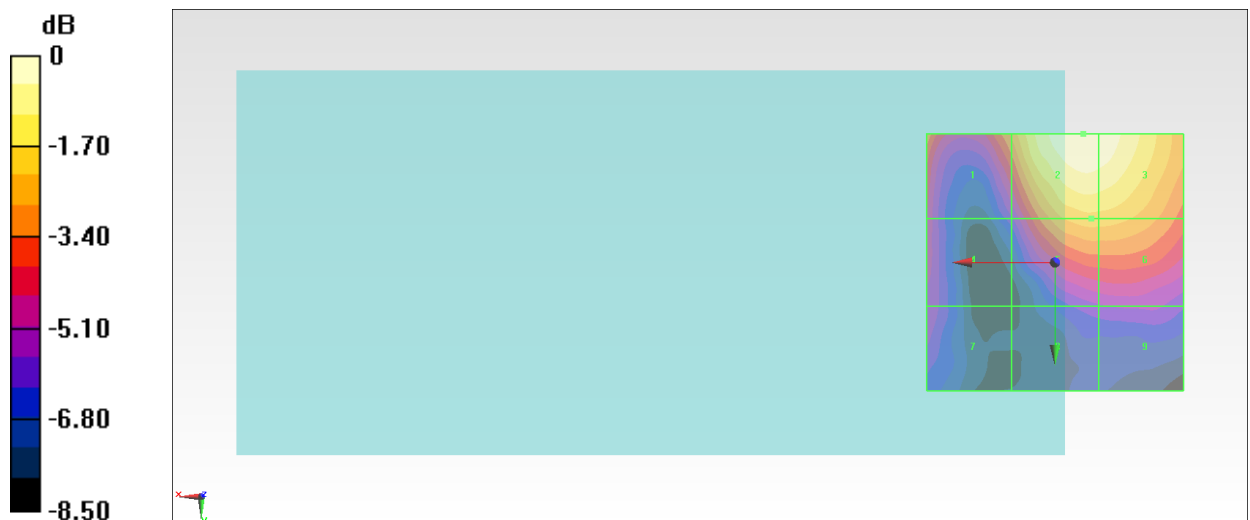
<b>Grid 1 M4</b> <b>21.29 dBV/m</b>	<b>Grid 2 M4</b> <b>24.03 dBV/m</b>	<b>Grid 3 M4</b> <b>23.91 dBV/m</b>
<b>Grid 4 M4</b> <b>19.59 dBV/m</b>	<b>Grid 5 M4</b> <b>22.09 dBV/m</b>	<b>Grid 6 M4</b> <b>22.07 dBV/m</b>
<b>Grid 7 M4</b> <b>18.91 dBV/m</b>	<b>Grid 8 M4</b> <b>18.29 dBV/m</b>	<b>Grid 9 M4</b> <b>18.51 dBV/m</b>

**Cursor:**

Total = 24.03 dBV/m

E Category: M4

Location: -5.5, -25, 8.7 mm



0 dB = 15.90 V/m = 24.03 dBV/m

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

Communication System: 802.11g; Frequency: 2412 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27

- 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 = 33.72 V/m; Power Drift = 0.03 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.15 dBV/m

**Emission category: M4**

MIF scaled E-field

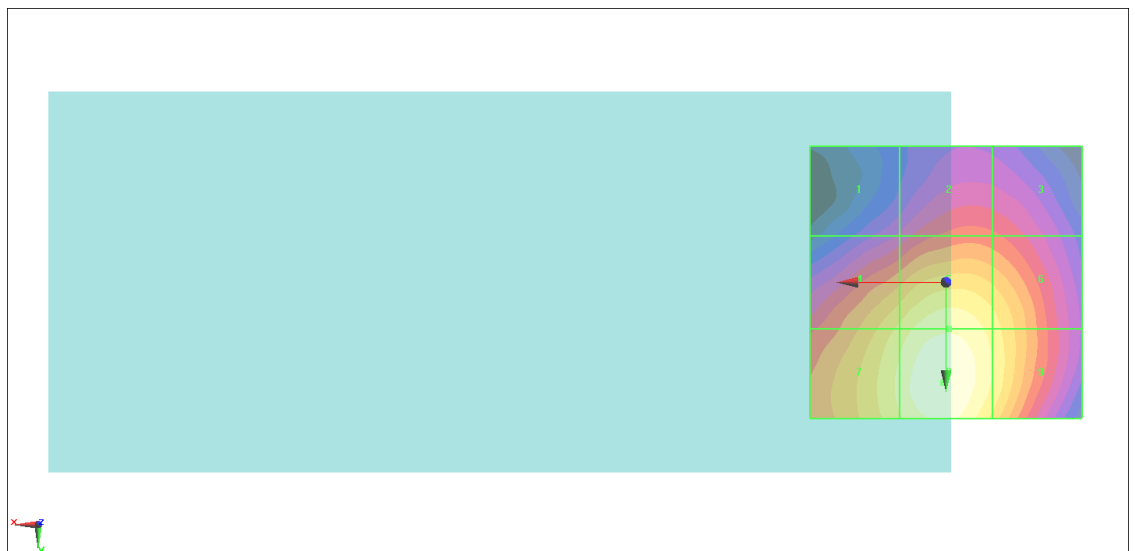
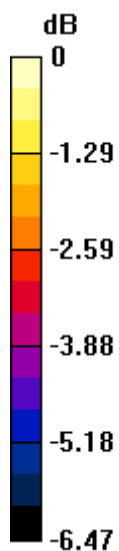
Grid 1 <b>M4</b> <b>25.41 dBV/m</b>	Grid 2 <b>M4</b> <b>26.38 dBV/m</b>	Grid 3 <b>M4</b> <b>26.26 dBV/m</b>
Grid 4 <b>M4</b> <b>27.97 dBV/m</b>	Grid 5 <b>M4</b> <b>28.65 dBV/m</b>	Grid 6 <b>M4</b> <b>28.1 dBV/m</b>
Grid 7 <b>M4</b> <b>28.42 dBV/m</b>	Grid 8 <b>M4</b> <b>29.15 dBV/m</b>	Grid 9 <b>M4</b> <b>28.3 dBV/m</b>

**Cursor:**

Total = 29.15 dBV/m

E Category: M4

Location: 0.5, 18.5, 8.7 mm



0 dB = 28.66 V/m = 29.15 dBV/m

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

Communication System: 802.11g ; Frequency: 2437 MHz;Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27

- 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 = 39.08 V/m; Power Drift = -0.08 dB

Applied MIF = 0.12 dB

RF audio interference level = 30.22 dBV/m

**Emission category: M3**

MIF scaled E-field

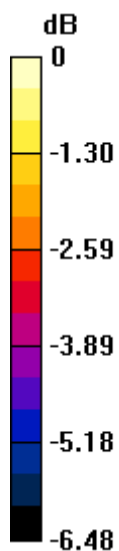
Grid 1 <b>M4</b> <b>26.37 dBV/m</b>	Grid 2 <b>M4</b> <b>27.5 dBV/m</b>	Grid 3 <b>M4</b> <b>27.3 dBV/m</b>
Grid 4 <b>M4</b> <b>28.96 dBV/m</b>	Grid 5 <b>M4</b> <b>29.74 dBV/m</b>	Grid 6 <b>M4</b> <b>29.15 dBV/m</b>
Grid 7 <b>M4</b> <b>29.45 dBV/m</b>	Grid 8 <b>M3</b> <b>30.22 dBV/m</b>	Grid 9 <b>M4</b> <b>29.34 dBV/m</b>

**Cursor:**

Total = 30.22 dBV/m

E Category: M3

Location: 0.5, 19, 8.7 mm



0 dB = 32.45 V/m = 30.22 dBV/m

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

Communication System: 802.11g; Frequency: 2437 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27

- 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 = 39.12 V/m; Power Drift = -0.08 dB

Applied MIF = 0.12 dB

RF audio interference level = 30.43 dBV/m

**Emission category: M3**

MIF scaled E-field

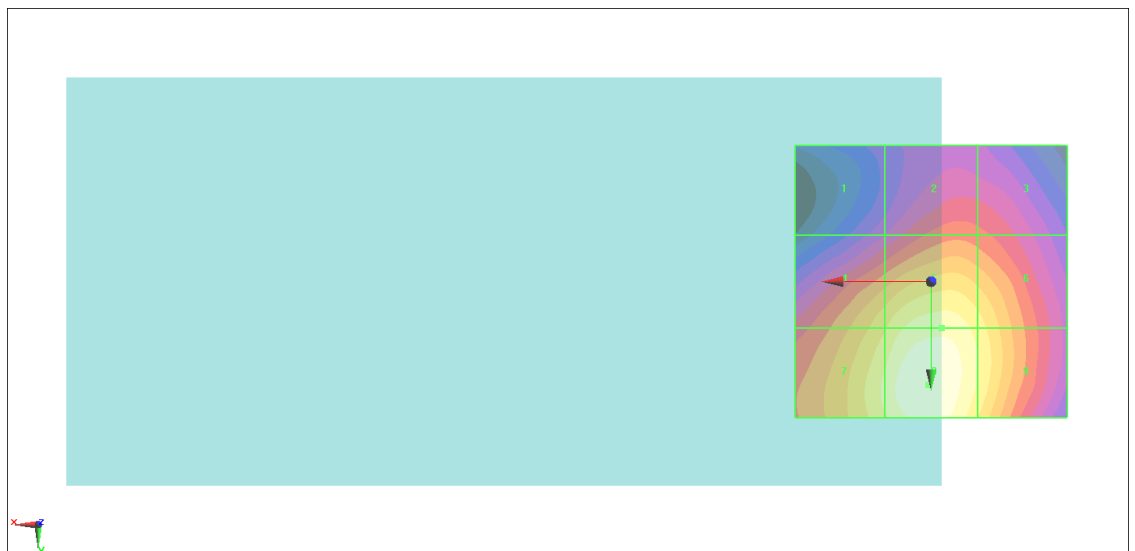
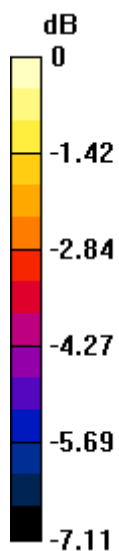
Grid 1 <b>M4</b> <b>26.19 dBV/m</b>	Grid 2 <b>M4</b> <b>27.47 dBV/m</b>	Grid 3 <b>M4</b> <b>27.33 dBV/m</b>
Grid 4 <b>M4</b> <b>28.96 dBV/m</b>	Grid 5 <b>M4</b> <b>29.82 dBV/m</b>	Grid 6 <b>M4</b> <b>29.29 dBV/m</b>
Grid 7 <b>M4</b> <b>29.61 dBV/m</b>	Grid 8 <b>M3</b> <b>30.43 dBV/m</b>	Grid 9 <b>M4</b> <b>29.53 dBV/m</b>

**Cursor:**

Total = 30.43 dBV/m

E Category: M3

Location: 0.5, 19, 8.7 mm



0 dB = 33.23 V/m = 30.43 dBV/m