

**#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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2019/1/30
- 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 = 70.97 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 38.66 dBV/m

**Emission category: M4**

MIF scaled E-field

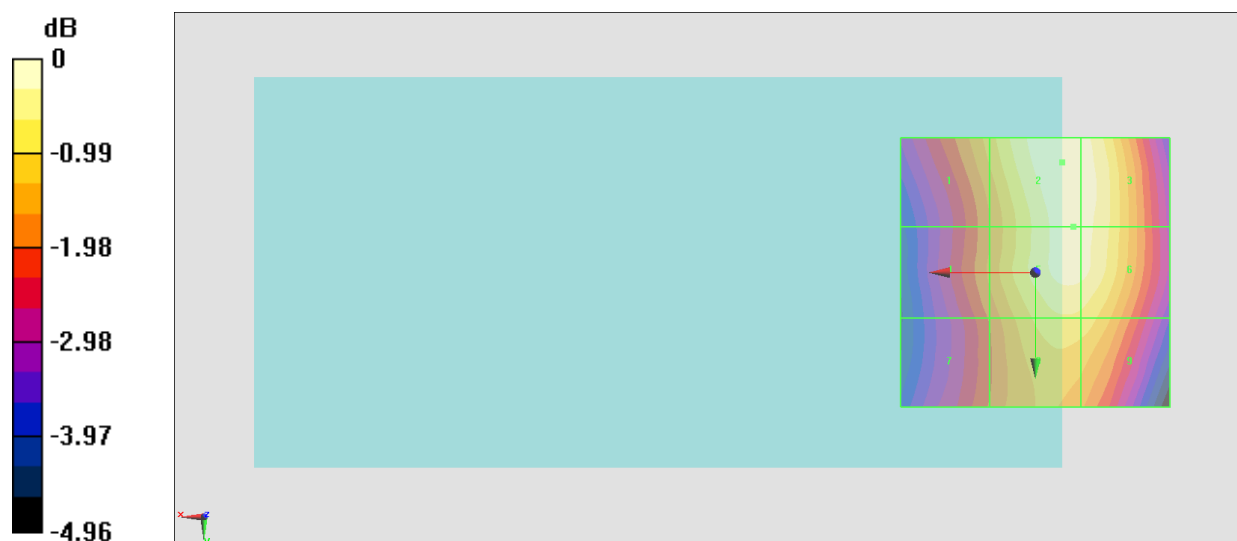
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>37.51 dBV/m</b> | Grid 2 <b>M4</b><br><b>38.66 dBV/m</b> | Grid 3 <b>M4</b><br><b>38.57 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>37.09 dBV/m</b> | Grid 5 <b>M4</b><br><b>38.5 dBV/m</b>  | Grid 6 <b>M4</b><br><b>38.47 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>36.73 dBV/m</b> | Grid 8 <b>M4</b><br><b>37.95 dBV/m</b> | Grid 9 <b>M4</b><br><b>37.91 dBV/m</b> |

**Cursor:**

Total = 38.66 dBV/m

E Category: M4

Location: -5, -20.5, 7.7 mm



0 dB = 85.69 V/m = 38.66 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2019/1/30
- 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 = 73.84 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.48 dBV/m

**Emission category: M4**

MIF scaled E-field

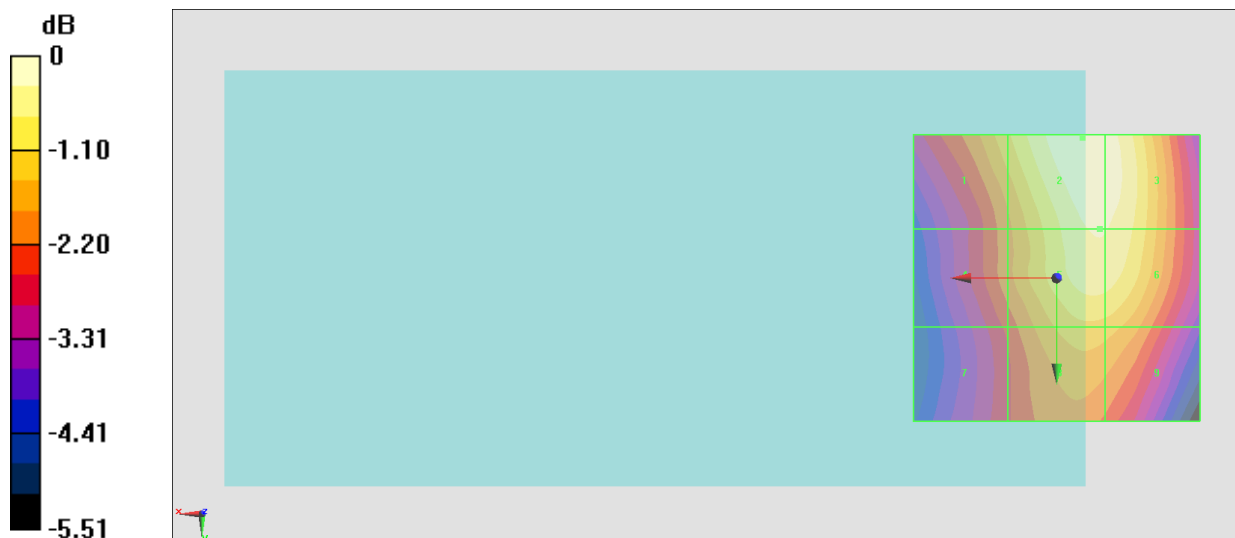
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>38.32 dBV/m</b> | Grid 2 <b>M4</b><br><b>39.48 dBV/m</b> | Grid 3 <b>M4</b><br><b>39.38 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>37.55 dBV/m</b> | Grid 5 <b>M4</b><br><b>39.14 dBV/m</b> | Grid 6 <b>M4</b><br><b>39.12 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>37.05 dBV/m</b> | Grid 8 <b>M4</b><br><b>38.29 dBV/m</b> | Grid 9 <b>M4</b><br><b>38.21 dBV/m</b> |

**Cursor:**

Total = 39.48 dBV/m

E Category: M4

Location: -4.5, -24.5, 7.7 mm



0 dB = 94.14 V/m = 39.48 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2019/1/30
- 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 = 73.12 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.79 dBV/m

**Emission category: M4**

MIF scaled E-field

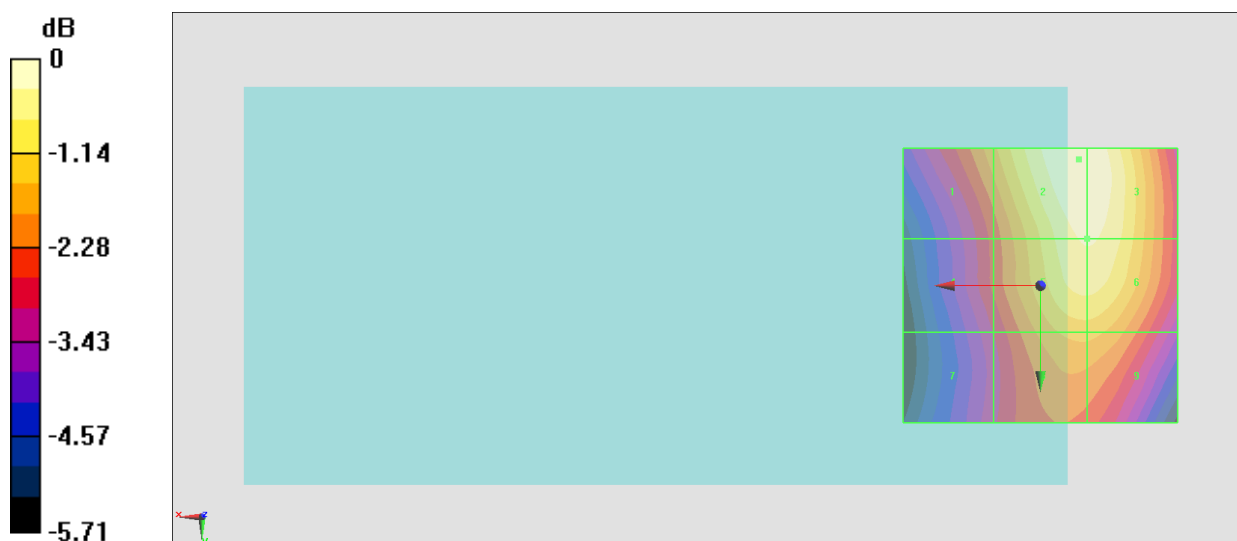
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>38.18 dBV/m</b> | Grid 2 <b>M4</b><br><b>39.79 dBV/m</b> | Grid 3 <b>M4</b><br><b>39.77 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>37.3 dBV/m</b>  | Grid 5 <b>M4</b><br><b>39.45 dBV/m</b> | Grid 6 <b>M4</b><br><b>39.45 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>36.78 dBV/m</b> | Grid 8 <b>M4</b><br><b>38.43 dBV/m</b> | Grid 9 <b>M4</b><br><b>38.42 dBV/m</b> |

**Cursor:**

Total = 39.79 dBV/m

E Category: M4

Location: -7, -23, 7.7 mm



0 dB = 97.62 V/m = 39.79 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2019/1/30
- 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 = 29.01 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.92 dBV/m

**Emission category: M3**

MIF scaled E-field

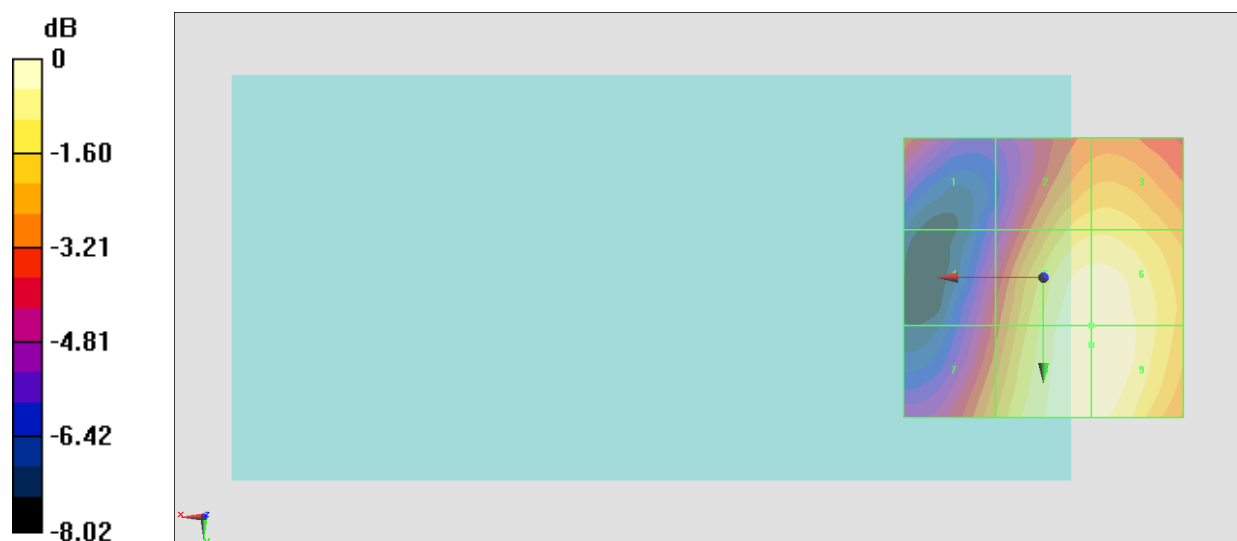
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>28.74 dBV/m</b> | Grid 2 <b>M3</b><br><b>30.72 dBV/m</b> | Grid 3 <b>M3</b><br><b>30.77 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>28.49 dBV/m</b> | Grid 5 <b>M3</b><br><b>31.89 dBV/m</b> | Grid 6 <b>M3</b><br><b>31.89 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>29.83 dBV/m</b> | Grid 8 <b>M3</b><br><b>31.92 dBV/m</b> | Grid 9 <b>M3</b><br><b>31.92 dBV/m</b> |

**Cursor:**

Total = 31.92 dBV/m

E Category: M3

Location: -8.5, 12, 7.7 mm



0 dB = 39.45 V/m = 31.92 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30
- 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 = 32.56 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.09 dBV/m

**Emission category: M3**

MIF scaled E-field

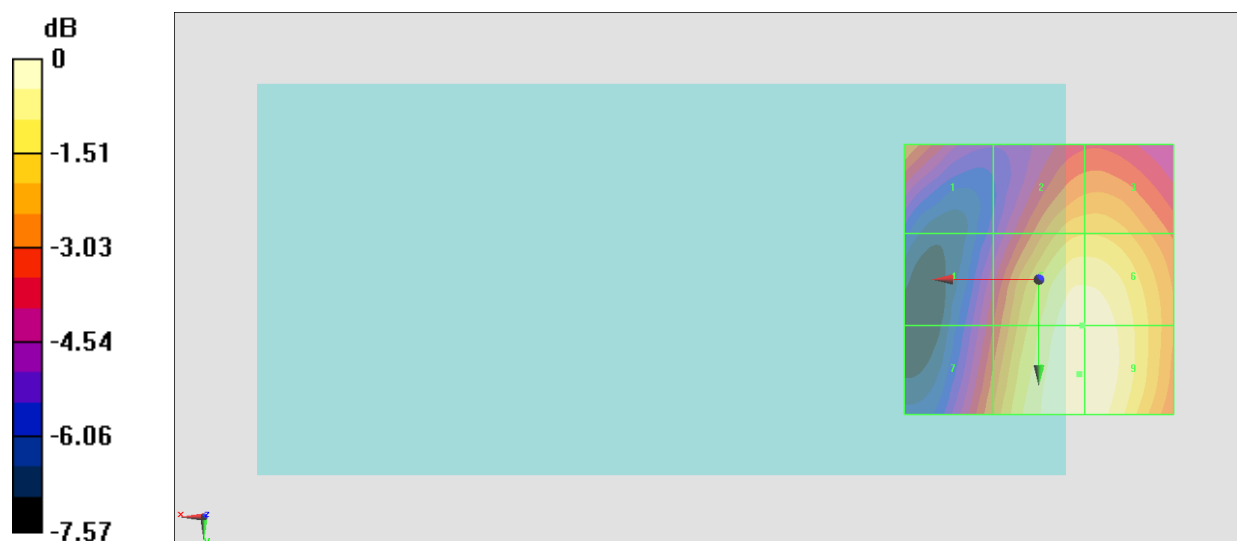
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M3</b><br><b>30.68 dBV/m</b> | Grid 2 <b>M3</b><br><b>31.55 dBV/m</b> | Grid 3 <b>M3</b><br><b>31.55 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>29.56 dBV/m</b> | Grid 5 <b>M3</b><br><b>32.94 dBV/m</b> | Grid 6 <b>M3</b><br><b>32.94 dBV/m</b> |
| Grid 7 <b>M3</b><br><b>30.64 dBV/m</b> | Grid 8 <b>M3</b><br><b>33.09 dBV/m</b> | Grid 9 <b>M3</b><br><b>33.08 dBV/m</b> |

**Cursor:**

Total = 33.09 dBV/m

E Category: M3

Location: -7.5, 17.5, 7.7 mm



0 dB = 45.14 V/m = 33.09 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2019/1/30
- 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 = 35.15 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.62 dBV/m

**Emission category: M3**

MIF scaled E-field

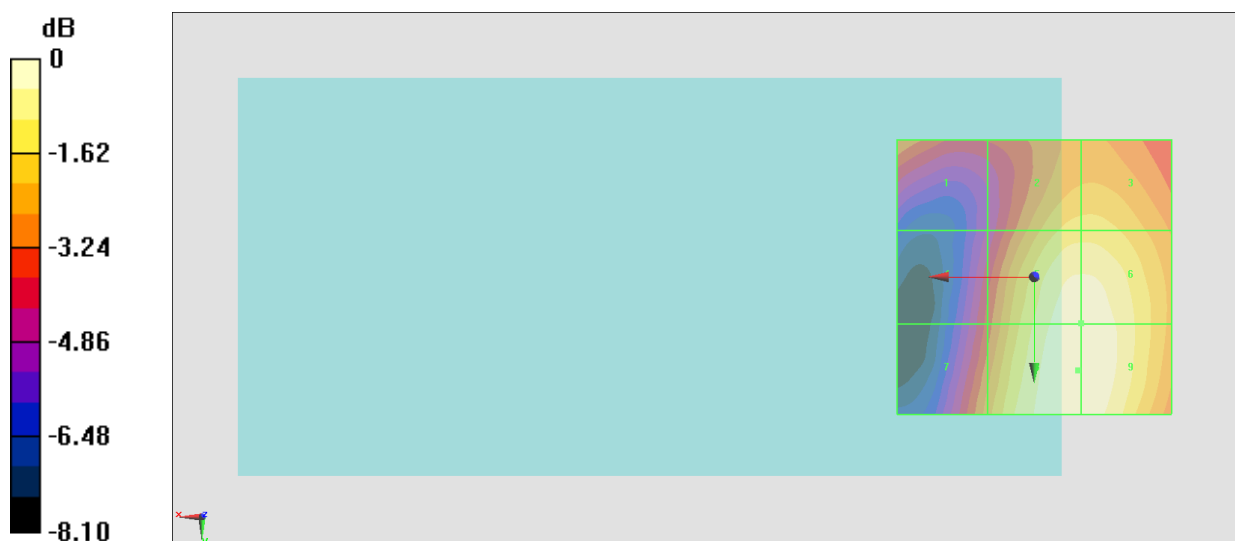
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M3</b><br><b>31.05 dBV/m</b> | Grid 2 <b>M3</b><br><b>32.3 dBV/m</b>  | Grid 3 <b>M3</b><br><b>32.31 dBV/m</b> |
| Grid 4 <b>M3</b><br><b>30.1 dBV/m</b>  | Grid 5 <b>M3</b><br><b>33.47 dBV/m</b> | Grid 6 <b>M3</b><br><b>33.47 dBV/m</b> |
| Grid 7 <b>M3</b><br><b>31.23 dBV/m</b> | Grid 8 <b>M3</b><br><b>33.62 dBV/m</b> | Grid 9 <b>M3</b><br><b>33.62 dBV/m</b> |

**Cursor:**

Total = 33.62 dBV/m

E Category: M3

Location: -8, 17, 7.7 mm



0 dB = 47.98 V/m = 33.62 dBV/m

**#07\_HAC\_E\_GSM1900\_GSM Voice\_Ch810;Battery 2**

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) @ 1909.8 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- 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 = 35.24 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.65 dBV/m

**Emission category: M3**

MIF scaled E-field

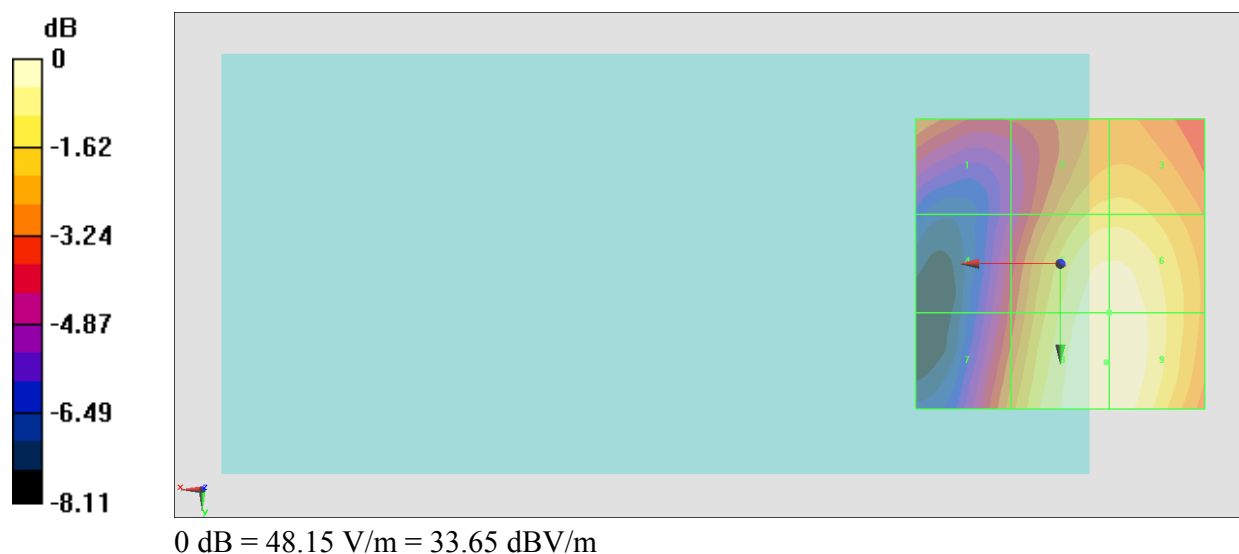
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M3</b><br><b>31.07 dBV/m</b> | Grid 2 <b>M3</b><br><b>32.33 dBV/m</b> | Grid 3 <b>M3</b><br><b>32.34 dBV/m</b> |
| Grid 4 <b>M3</b><br><b>30.12 dBV/m</b> | Grid 5 <b>M3</b><br><b>33.5 dBV/m</b>  | Grid 6 <b>M3</b><br><b>33.5 dBV/m</b>  |
| Grid 7 <b>M3</b><br><b>31.26 dBV/m</b> | Grid 8 <b>M3</b><br><b>33.65 dBV/m</b> | Grid 9 <b>M3</b><br><b>33.65 dBV/m</b> |

**Cursor:**

Total = 33.65 dBV/m

E Category: M3

Location: -8, 17, 7.7 mm



**#08\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 2019/1/30
- 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 = 27.68 V/m; Power Drift = -0.07 dB

Applied MIF = 3.26 dB

RF audio interference level = 30.21 dBV/m

**Emission category: M4**

MIF scaled E-field

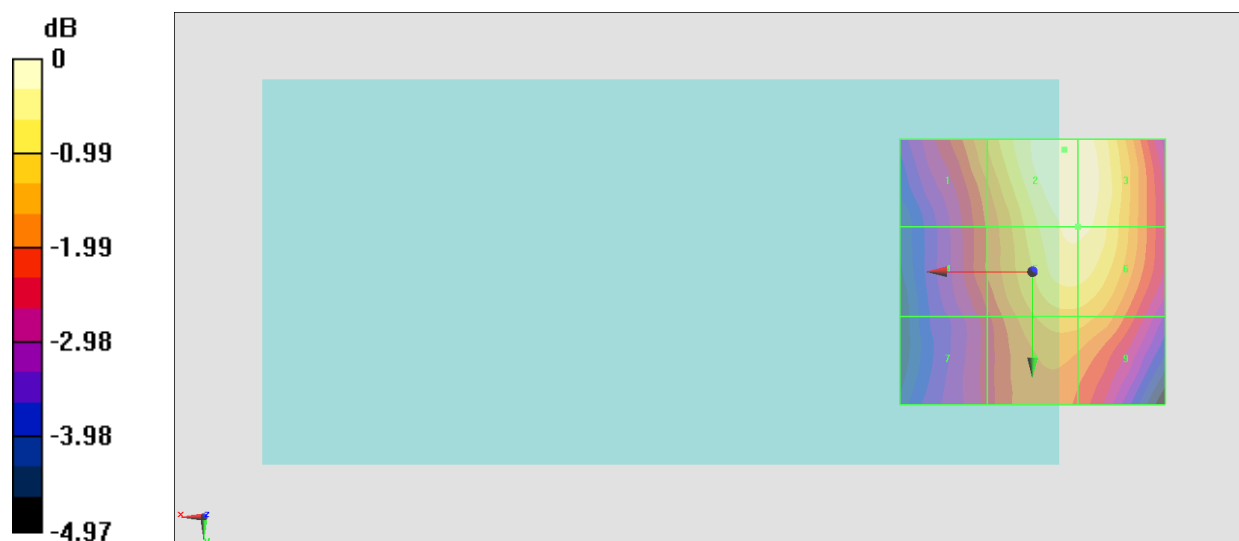
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>28.93 dBV/m</b> | Grid 2 <b>M4</b><br><b>30.21 dBV/m</b> | Grid 3 <b>M4</b><br><b>30.18 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>28.28 dBV/m</b> | Grid 5 <b>M4</b><br><b>29.99 dBV/m</b> | Grid 6 <b>M4</b><br><b>29.99 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>27.8 dBV/m</b>  | Grid 8 <b>M4</b><br><b>29.1 dBV/m</b>  | Grid 9 <b>M4</b><br><b>29.07 dBV/m</b> |

**Cursor:**

Total = 30.21 dBV/m

E Category: M4

Location: -6, -23, 8.7 mm



0 dB = 32.38 V/m = 30.21 dBV/m



**#09\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 2019/1/30
- 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 = 27.05 V/m; Power Drift = 0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 30.27 dBV/m

**Emission category: M4**

MIF scaled E-field

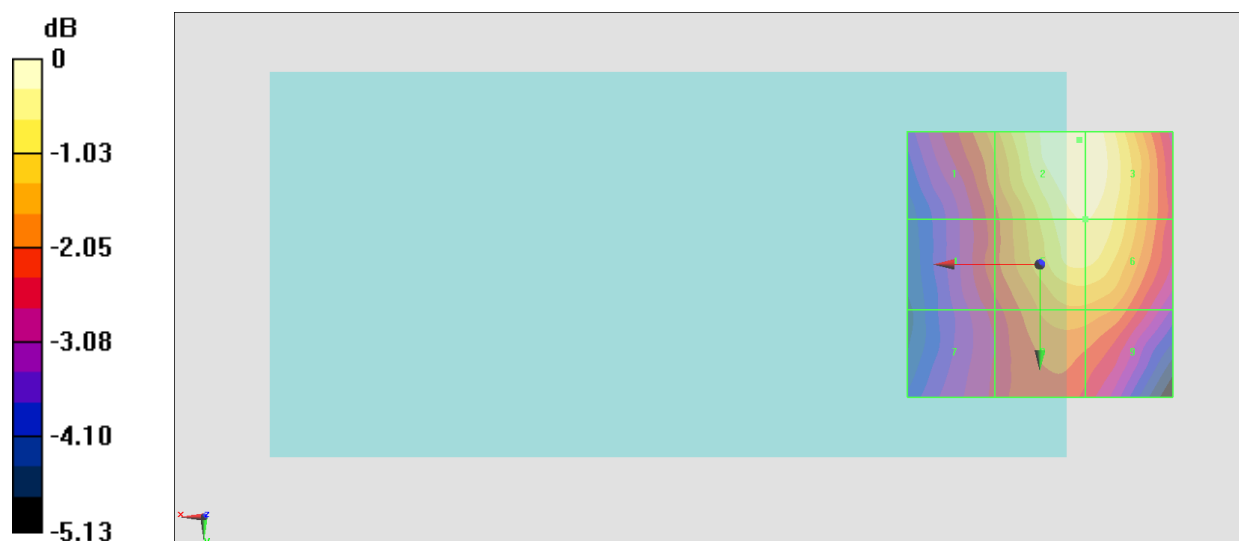
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>28.79 dBV/m</b> | Grid 2 <b>M4</b><br><b>30.27 dBV/m</b> | Grid 3 <b>M4</b><br><b>30.26 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>28.13 dBV/m</b> | Grid 5 <b>M4</b><br><b>29.94 dBV/m</b> | Grid 6 <b>M4</b><br><b>29.94 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>27.72 dBV/m</b> | Grid 8 <b>M4</b><br><b>28.86 dBV/m</b> | Grid 9 <b>M4</b><br><b>28.83 dBV/m</b> |

**Cursor:**

Total = 30.27 dBV/m

E Category: M4

Location: -7.5, -23.5, 8.7 mm



0 dB = 32.62 V/m = 30.27 dBV/m

**#10\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 2019/1/30
- 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 = 27.19 V/m; Power Drift = 0.12 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.81 dBV/m

**Emission category: M4**

MIF scaled E-field

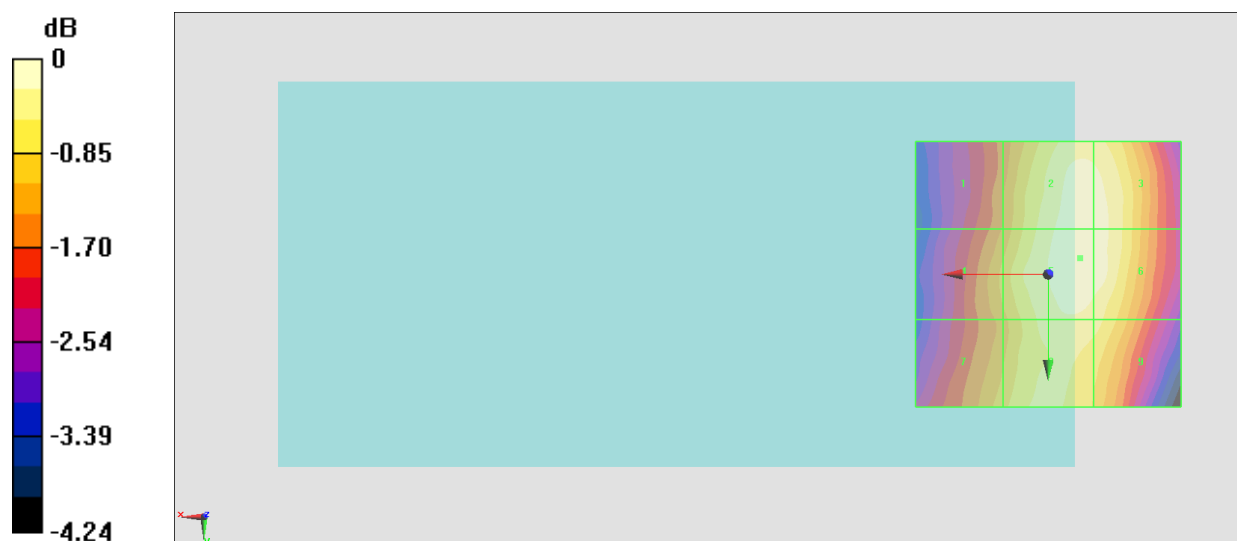
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>27.45 dBV/m</b> | Grid 2 <b>M4</b><br><b>28.72 dBV/m</b> | Grid 3 <b>M4</b><br><b>28.71 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>27.78 dBV/m</b> | Grid 5 <b>M4</b><br><b>28.81 dBV/m</b> | Grid 6 <b>M4</b><br><b>28.76 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>27.86 dBV/m</b> | Grid 8 <b>M4</b><br><b>28.49 dBV/m</b> | Grid 9 <b>M4</b><br><b>28.38 dBV/m</b> |

**Cursor:**

Total = 28.81 dBV/m

E Category: M4

Location: -6, -3, 8.7 mm



0 dB = 27.57 V/m = 28.81 dBV/m

**#11\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 2019/1/30
- 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 = 16.89 V/m; Power Drift = 0.02 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.22 dBV/m

**Emission category: M4**

MIF scaled E-field

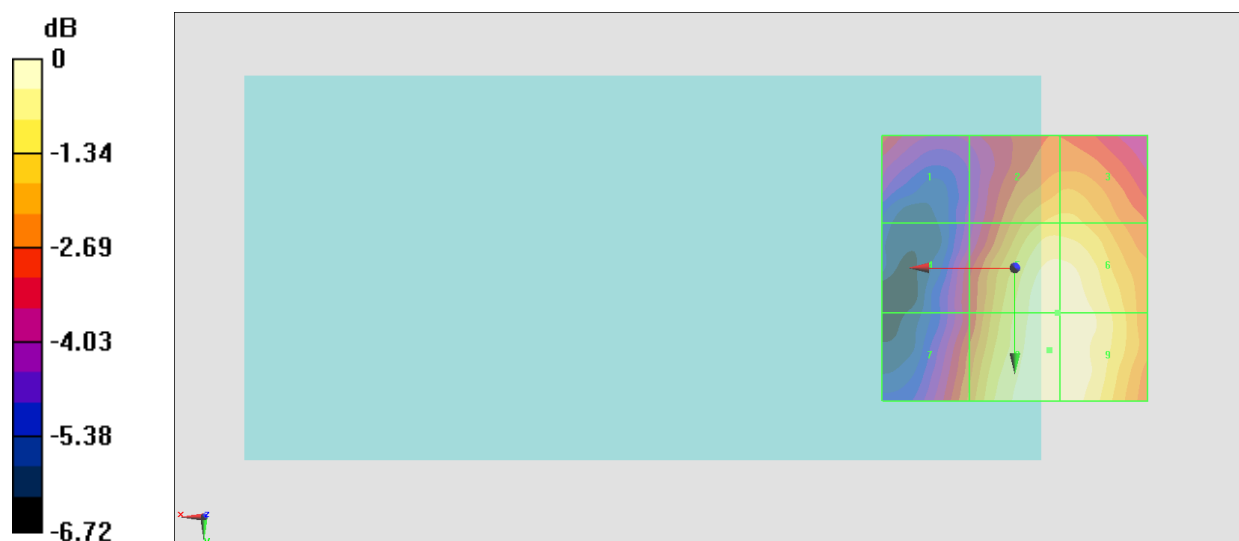
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>23.42 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.07 dBV/m</b> | Grid 3 <b>M4</b><br><b>25.07 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.15 dBV/m</b> | Grid 5 <b>M4</b><br><b>26.13 dBV/m</b> | Grid 6 <b>M4</b><br><b>26.13 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>24.14 dBV/m</b> | Grid 8 <b>M4</b><br><b>26.22 dBV/m</b> | Grid 9 <b>M4</b><br><b>26.19 dBV/m</b> |

**Cursor:**

Total = 26.22 dBV/m

E Category: M4

Location: -6.5, 15.5, 8.7 mm



0 dB = 20.45 V/m = 26.21 dBV/m

## #12\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30
- 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 = 18.03 V/m; Power Drift = 0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.72 dBV/m

**Emission category: M4**

MIF scaled E-field

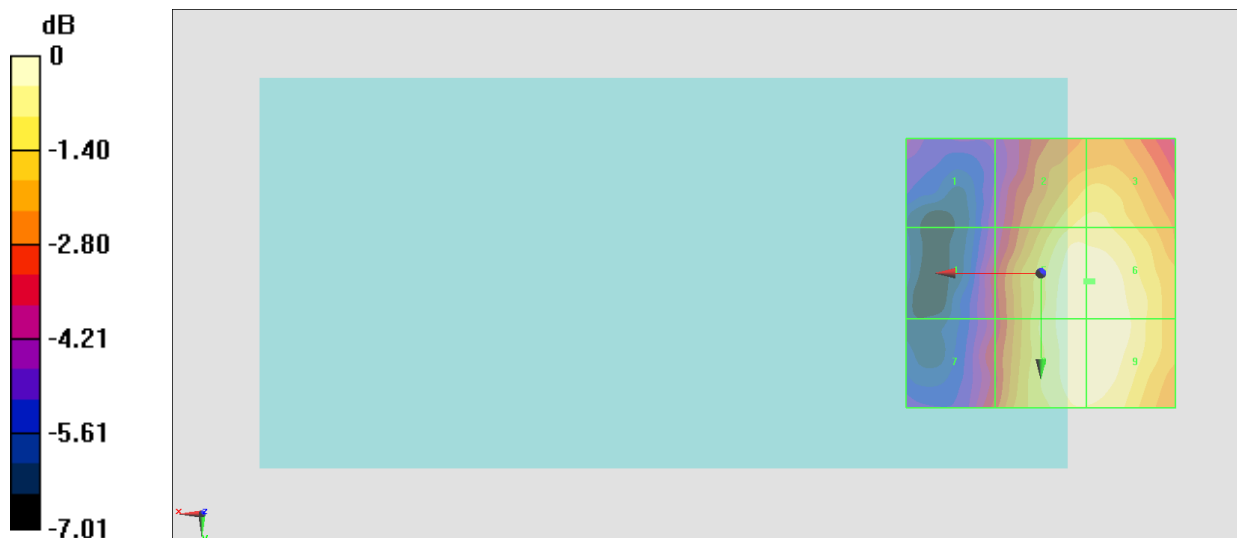
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.8 dBV/m</b>  | Grid 2 <b>M4</b><br><b>26.01 dBV/m</b> | Grid 3 <b>M4</b><br><b>26.03 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.3 dBV/m</b>  | Grid 5 <b>M4</b><br><b>26.72 dBV/m</b> | Grid 6 <b>M4</b><br><b>26.72 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.74 dBV/m</b> | Grid 8 <b>M4</b><br><b>26.68 dBV/m</b> | Grid 9 <b>M4</b><br><b>26.69 dBV/m</b> |

**Cursor:**

Total = 26.72 dBV/m

E Category: M4

Location: -9.5, 1.5, 8.7 mm



0 dB = 21.69 V/m = 26.73 dBV/m

**#13\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 2019/1/30
- 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 = 18.29 V/m; Power Drift = 0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.74 dBV/m

**Emission category: M4**

MIF scaled E-field

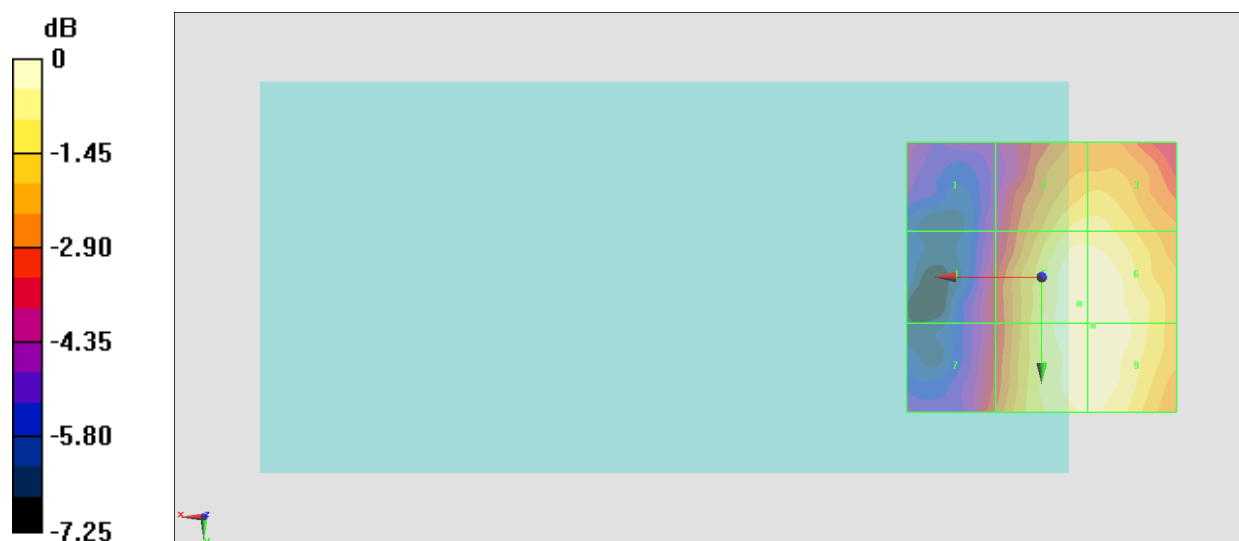
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.84 dBV/m</b> | Grid 2 <b>M4</b><br><b>26.06 dBV/m</b> | Grid 3 <b>M4</b><br><b>26.06 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.44 dBV/m</b> | Grid 5 <b>M4</b><br><b>26.73 dBV/m</b> | Grid 6 <b>M4</b><br><b>26.74 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.92 dBV/m</b> | Grid 8 <b>M4</b><br><b>26.73 dBV/m</b> | Grid 9 <b>M4</b><br><b>26.74 dBV/m</b> |

**Cursor:**

Total = 26.74 dBV/m

E Category: M4

Location: -9.5, 9, 8.7 mm



0 dB = 21.73 V/m = 26.74 dBV/m

**#14\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 2019/1/30
- 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 = 17.81 V/m; Power Drift = -0.00 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.68 dBV/m

**Emission category: M4**

MIF scaled E-field

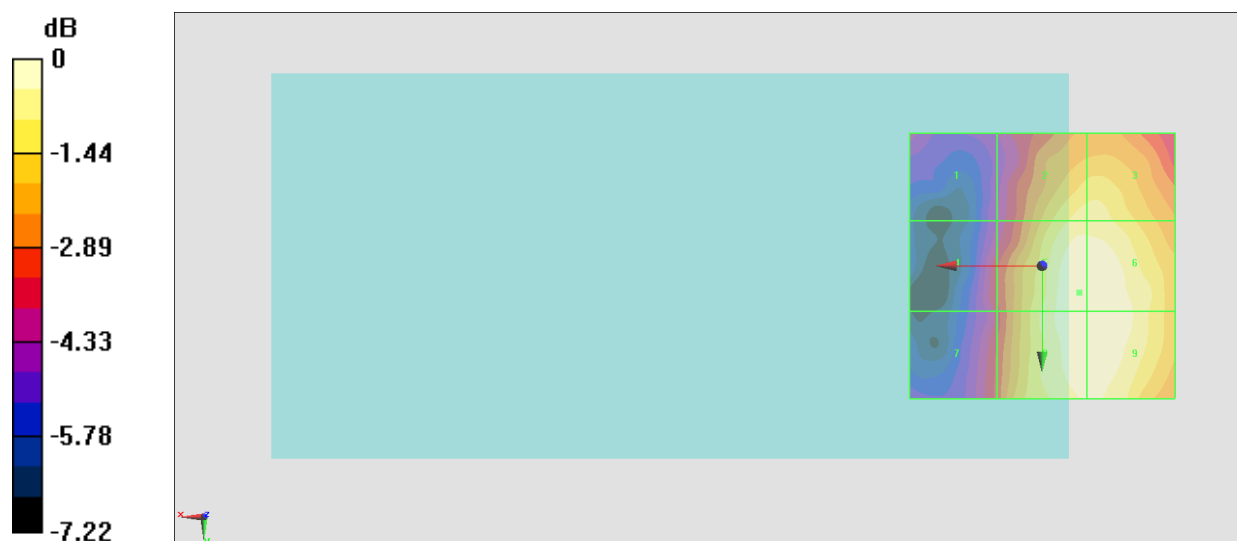
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.68 dBV/m</b> | Grid 2 <b>M4</b><br><b>26.04 dBV/m</b> | Grid 3 <b>M4</b><br><b>26.06 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.33 dBV/m</b> | Grid 5 <b>M4</b><br><b>26.68 dBV/m</b> | Grid 6 <b>M4</b><br><b>26.67 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.54 dBV/m</b> | Grid 8 <b>M4</b><br><b>26.65 dBV/m</b> | Grid 9 <b>M4</b><br><b>26.65 dBV/m</b> |

**Cursor:**

Total = 26.68 dBV/m

E Category: M4

Location: -7, 5, 8.7 mm



0 dB = 21.59 V/m = 26.69 dBV/m

**#15\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 820.5 MHz; Calibrated: 2019/1/30
- 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 = 17.84 V/m; Power Drift = 0.05 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.71 dBV/m

**Emission category: M4**

MIF scaled E-field

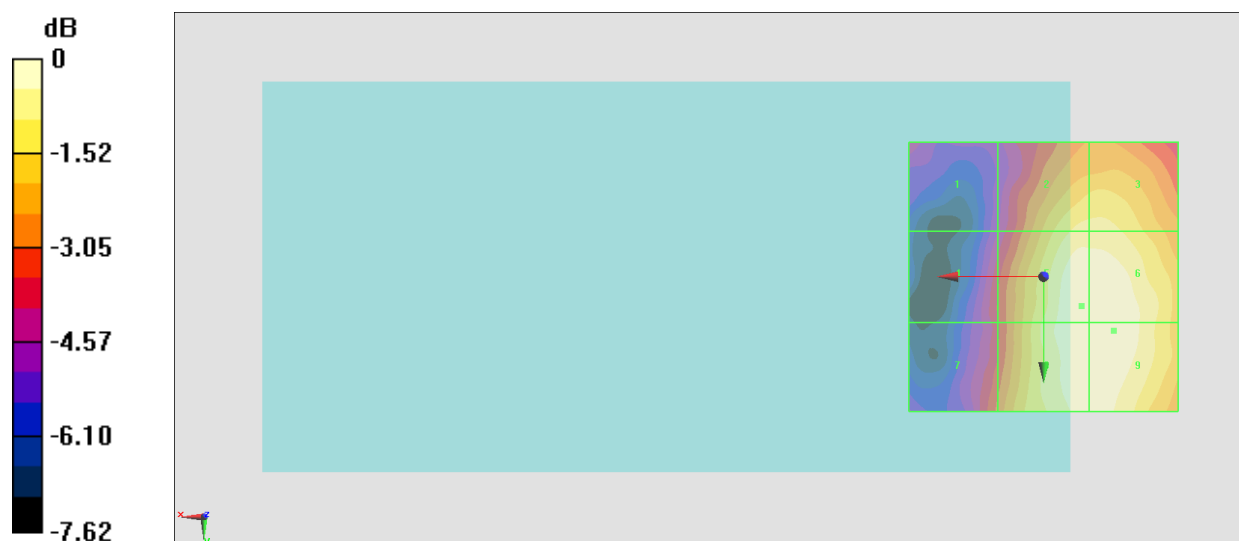
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.78 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.93 dBV/m</b> | Grid 3 <b>M4</b><br><b>25.94 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.24 dBV/m</b> | Grid 5 <b>M4</b><br><b>26.7 dBV/m</b>  | Grid 6 <b>M4</b><br><b>26.69 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.82 dBV/m</b> | Grid 8 <b>M4</b><br><b>26.68 dBV/m</b> | Grid 9 <b>M4</b><br><b>26.71 dBV/m</b> |

**Cursor:**

Total = 26.71 dBV/m

E Category: M4

Location: -13, 10, 8.7 mm



0 dB = 21.65 V/m = 26.71 dBV/m

**#16\_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:  $\sigma = 0$  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) @ 823.1 MHz; Calibrated: 2019/1/30
- 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 = 16.66 V/m; Power Drift = 0.06 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.21 dBV/m

**Emission category: M4**

MIF scaled E-field

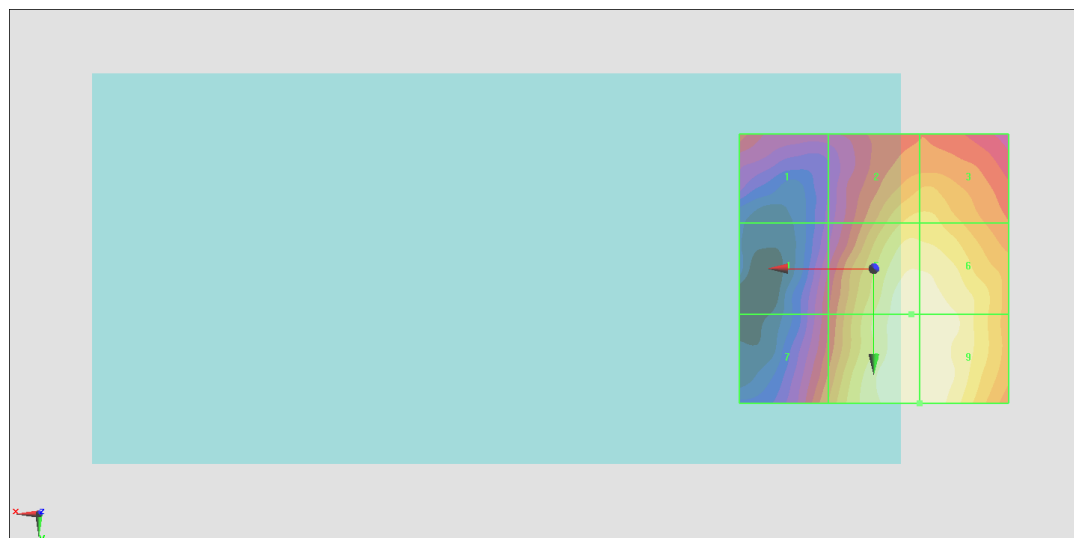
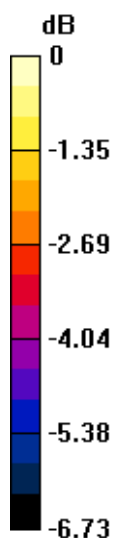
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>23.41 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.07 dBV/m</b> | Grid 3 <b>M4</b><br><b>25.07 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.01 dBV/m</b> | Grid 5 <b>M4</b><br><b>26.06 dBV/m</b> | Grid 6 <b>M4</b><br><b>26.04 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>24.01 dBV/m</b> | Grid 8 <b>M4</b><br><b>26.21 dBV/m</b> | Grid 9 <b>M4</b><br><b>26.21 dBV/m</b> |

**Cursor:**

Total = 26.21 dBV/m

E Category: M4

Location: -8.5, 25, 8.7 mm



0 dB = 20.44 V/m = 26.21 dBV/m



**#17\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2019/1/30
- 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 = 18.38 V/m; Power Drift = 0.06 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.39 dBV/m

**Emission category: M4**

MIF scaled E-field

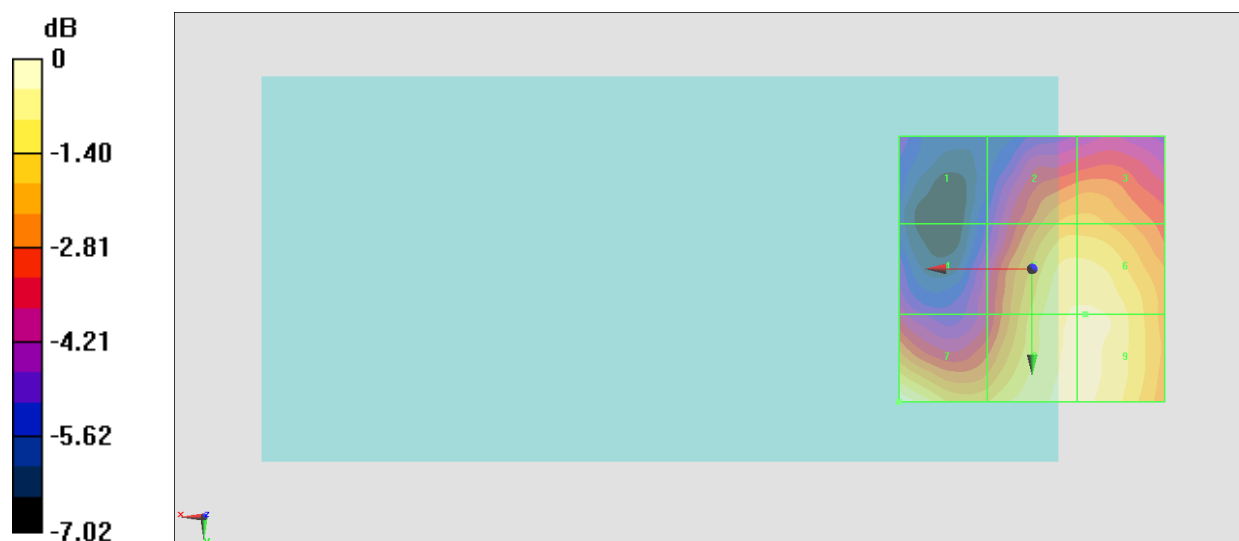
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>18.8 dBV/m</b>  | Grid 2 <b>M4</b><br><b>21.77 dBV/m</b> | Grid 3 <b>M4</b><br><b>21.78 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>19.66 dBV/m</b> | Grid 5 <b>M4</b><br><b>23.01 dBV/m</b> | Grid 6 <b>M4</b><br><b>23.03 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.39 dBV/m</b> | Grid 8 <b>M4</b><br><b>23.07 dBV/m</b> | Grid 9 <b>M4</b><br><b>23.1 dBV/m</b>  |

**Cursor:**

Total = 23.39 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 14.78 V/m = 23.39 dBV/m

**#18\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2019/1/30
- 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 = 16.46 V/m; Power Drift = 0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.43 dBV/m

**Emission category: M4**

MIF scaled E-field

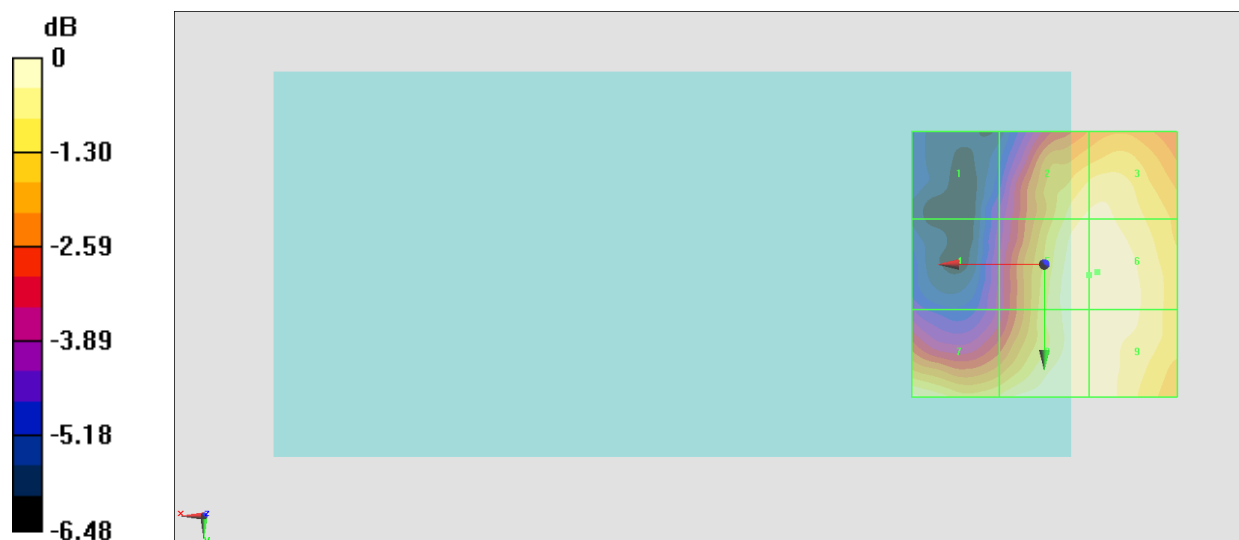
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>17.23 dBV/m</b> | Grid 2 <b>M4</b><br><b>21.09 dBV/m</b> | Grid 3 <b>M4</b><br><b>21.14 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>17.75 dBV/m</b> | Grid 5 <b>M4</b><br><b>21.42 dBV/m</b> | Grid 6 <b>M4</b><br><b>21.43 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.21 dBV/m</b> | Grid 8 <b>M4</b><br><b>21.39 dBV/m</b> | Grid 9 <b>M4</b><br><b>21.37 dBV/m</b> |

**Cursor:**

Total = 21.43 dBV/m

E Category: M4

Location: -10, 1.5, 8.7 mm



0 dB = 11.79 V/m = 21.43 dBV/m

**#19\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2019/1/30
- 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 = 14.46 V/m; Power Drift = 0.02 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.53 dBV/m

**Emission category: M4**

MIF scaled E-field

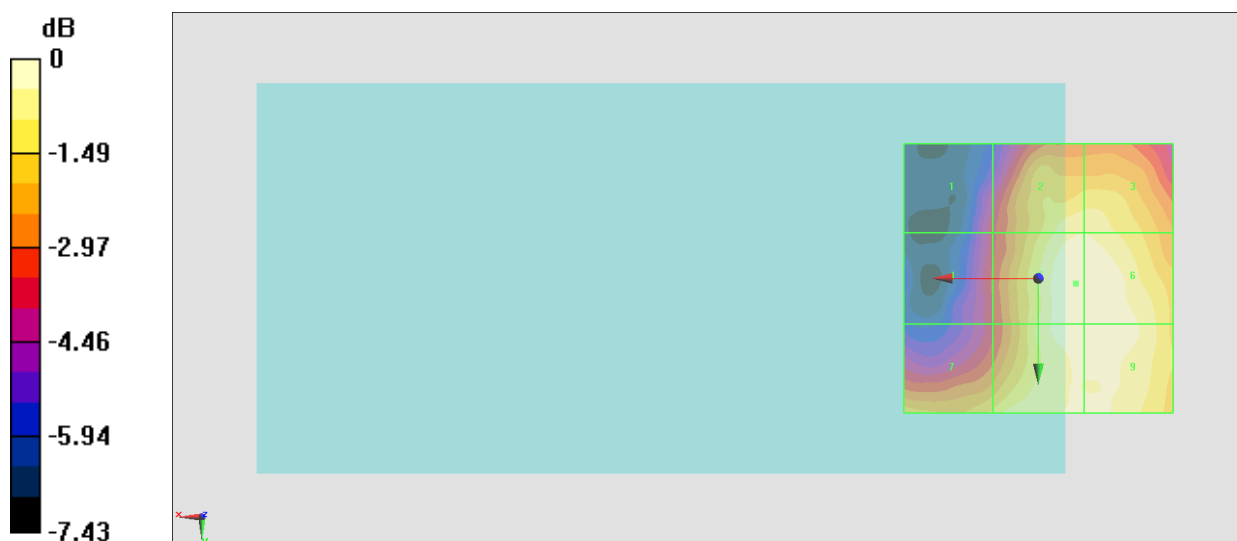
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>16.91 dBV/m</b> | Grid 2 <b>M4</b><br><b>20.01 dBV/m</b> | Grid 3 <b>M4</b><br><b>20.01 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>17.22 dBV/m</b> | Grid 5 <b>M4</b><br><b>20.53 dBV/m</b> | Grid 6 <b>M4</b><br><b>20.51 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>19.17 dBV/m</b> | Grid 8 <b>M4</b><br><b>20.41 dBV/m</b> | Grid 9 <b>M4</b><br><b>20.41 dBV/m</b> |

**Cursor:**

Total = 20.53 dBV/m

E Category: M4

Location: -7, 1, 8.7 mm



0 dB = 10.63 V/m = 20.53 dBV/m

**#20\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2019/1/30
- 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 = 11.98 V/m; Power Drift = -0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 19.84 dBV/m

**Emission category: M4**

MIF scaled E-field

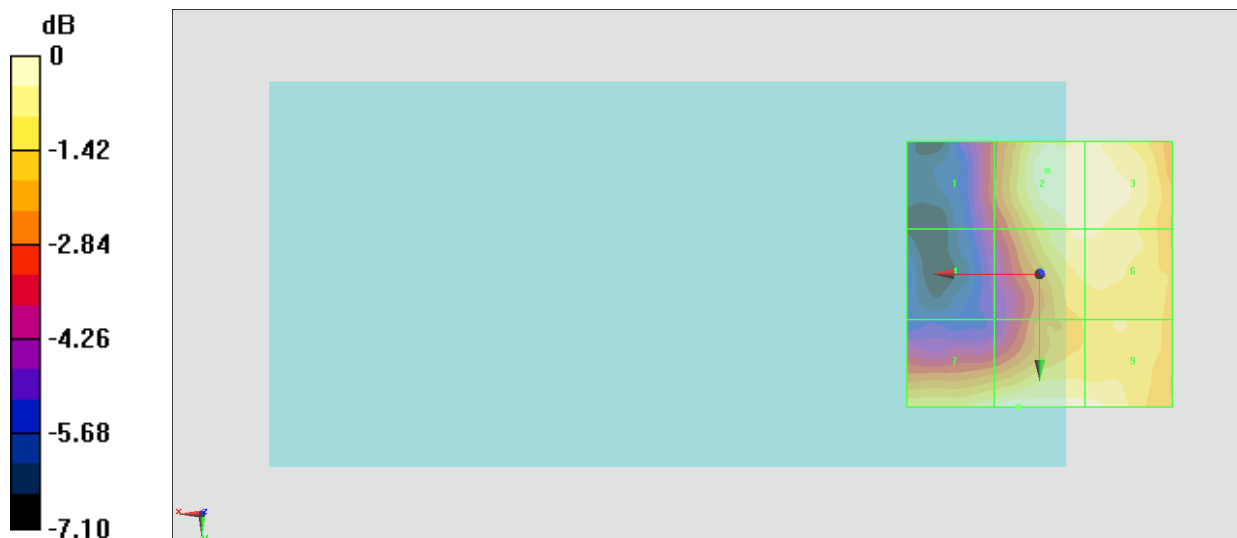
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>17.01 dBV/m</b> | Grid 2 <b>M4</b><br><b>19.77 dBV/m</b> | Grid 3 <b>M4</b><br><b>19.72 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>16.22 dBV/m</b> | Grid 5 <b>M4</b><br><b>19.44 dBV/m</b> | Grid 6 <b>M4</b><br><b>19.44 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>19.44 dBV/m</b> | Grid 8 <b>M4</b><br><b>19.84 dBV/m</b> | Grid 9 <b>M4</b><br><b>19.64 dBV/m</b> |

**Cursor:**

Total = 19.84 dBV/m

E Category: M4

Location: 4, 25, 8.7 mm



0 dB = 9.816 V/m = 19.84 dBV/m

**#21\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2019/1/30
- 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 = 8.780 V/m; Power Drift = -0.10 dB

Applied MIF = -1.62 dB

RF audio interference level = 19.80 dBV/m

**Emission category: M4**

MIF scaled E-field

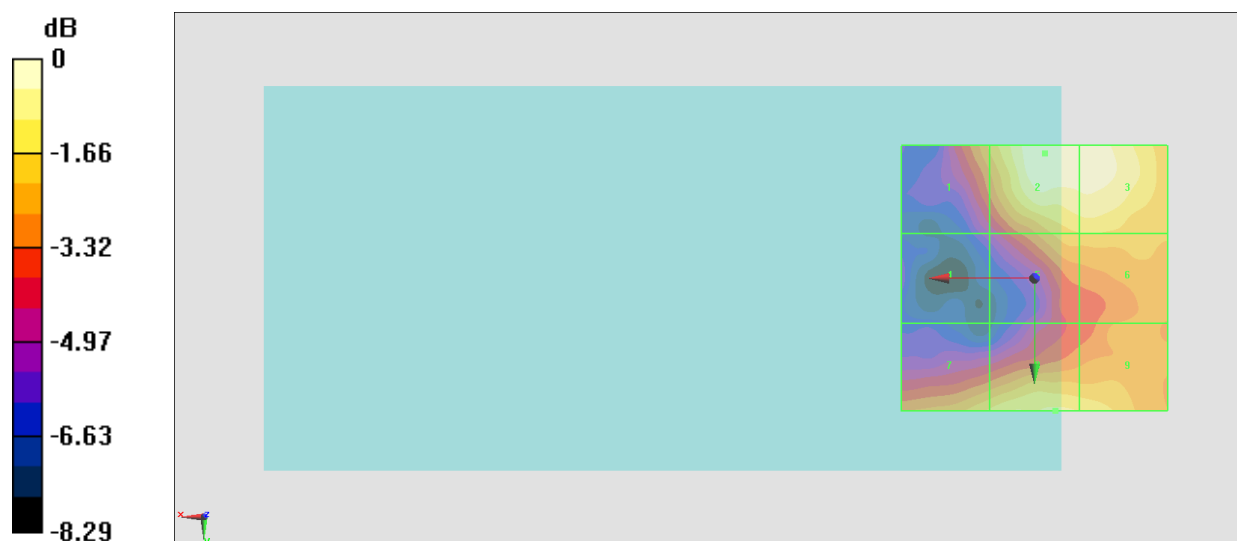
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>17.72 dBV/m</b> | Grid 2 <b>M4</b><br><b>19.8 dBV/m</b>  | Grid 3 <b>M4</b><br><b>19.68 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>14.87 dBV/m</b> | Grid 5 <b>M4</b><br><b>18.14 dBV/m</b> | Grid 6 <b>M4</b><br><b>18.2 dBV/m</b>  |
| Grid 7 <b>M4</b><br><b>18.28 dBV/m</b> | Grid 8 <b>M4</b><br><b>18.86 dBV/m</b> | Grid 9 <b>M4</b><br><b>18.7 dBV/m</b>  |

**Cursor:**

Total = 19.80 dBV/m

E Category: M4

Location: -2, -23.5, 8.7 mm



0 dB = 9.775 V/m = 19.80 dBV/m

**#22\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2019/1/30
- 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 = -1.62 dB

RF audio interference level = 25.81 dBV/m

**Emission category: M4**

MIF scaled E-field

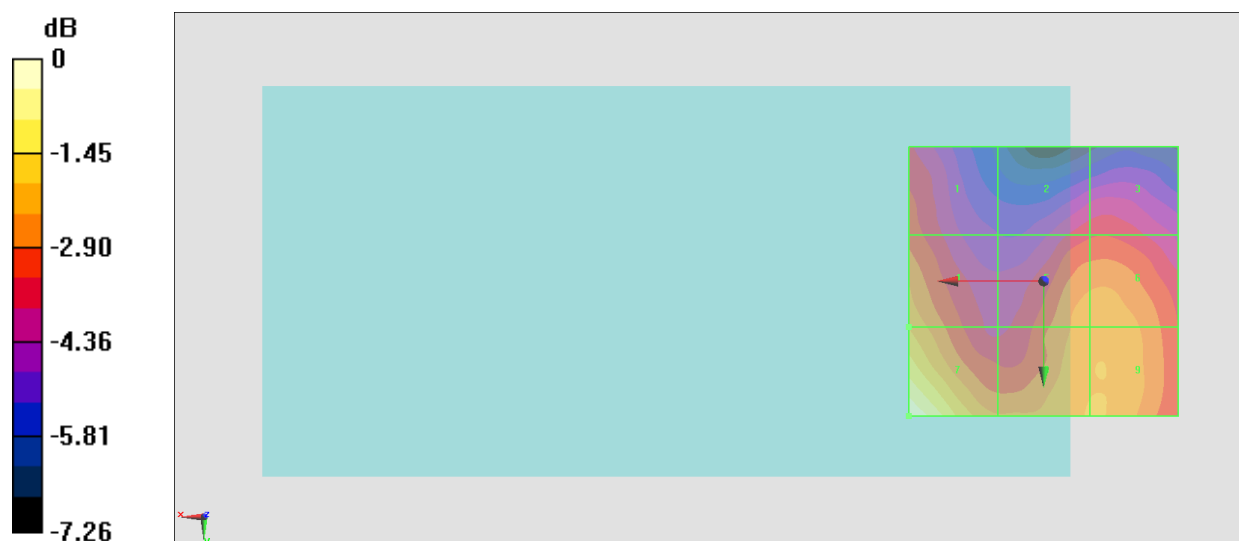
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.74 dBV/m</b> | Grid 2 <b>M4</b><br><b>22.35 dBV/m</b> | Grid 3 <b>M4</b><br><b>22.43 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.86 dBV/m</b> | Grid 5 <b>M4</b><br><b>23.68 dBV/m</b> | Grid 6 <b>M4</b><br><b>23.75 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>25.81 dBV/m</b> | Grid 8 <b>M4</b><br><b>23.92 dBV/m</b> | Grid 9 <b>M4</b><br><b>23.93 dBV/m</b> |

**Cursor:**

Total = 25.81 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 19.51 V/m = 25.81 dBV/m

**#23\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2019/1/30
- 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 = 17.95 V/m; Power Drift = 0.09 dB

Applied MIF = -1.62 dB

RF audio interference level = 24.32 dBV/m

**Emission category: M4**

MIF scaled E-field

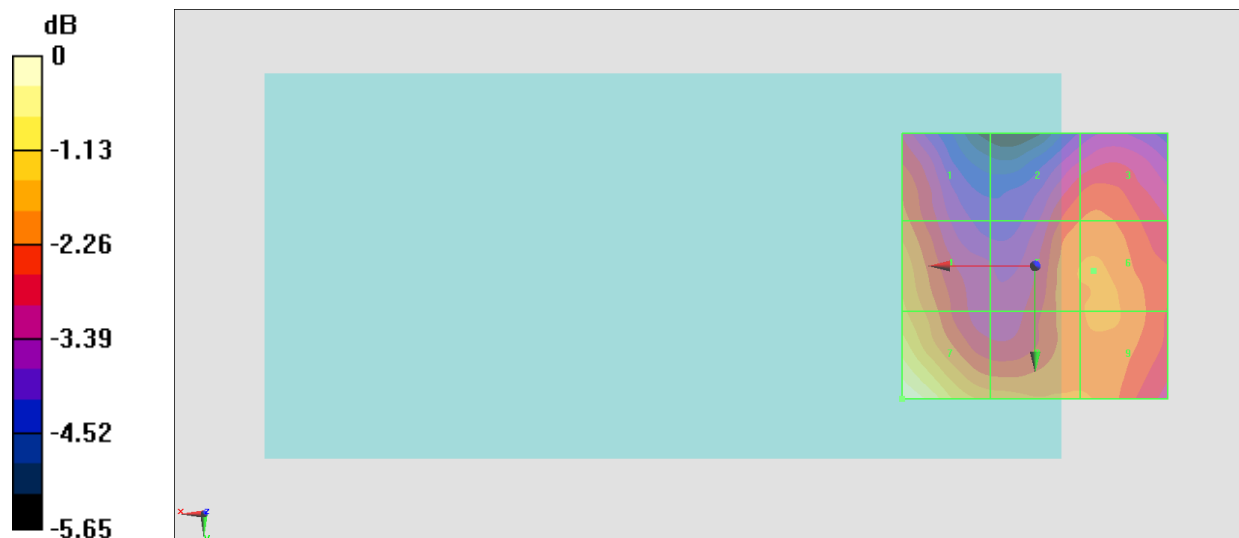
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.23 dBV/m</b> | Grid 2 <b>M4</b><br><b>22.08 dBV/m</b> | Grid 3 <b>M4</b><br><b>22.18 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.91 dBV/m</b> | Grid 5 <b>M4</b><br><b>22.47 dBV/m</b> | Grid 6 <b>M4</b><br><b>22.53 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>24.32 dBV/m</b> | Grid 8 <b>M4</b><br><b>22.71 dBV/m</b> | Grid 9 <b>M4</b><br><b>22.53 dBV/m</b> |

**Cursor:**

Total = 24.32 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 16.45 V/m = 24.32 dBV/m

**#24\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2019/1/30
- 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 = 14.98 V/m; Power Drift = 0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.57 dBV/m

**Emission category: M4**

MIF scaled E-field

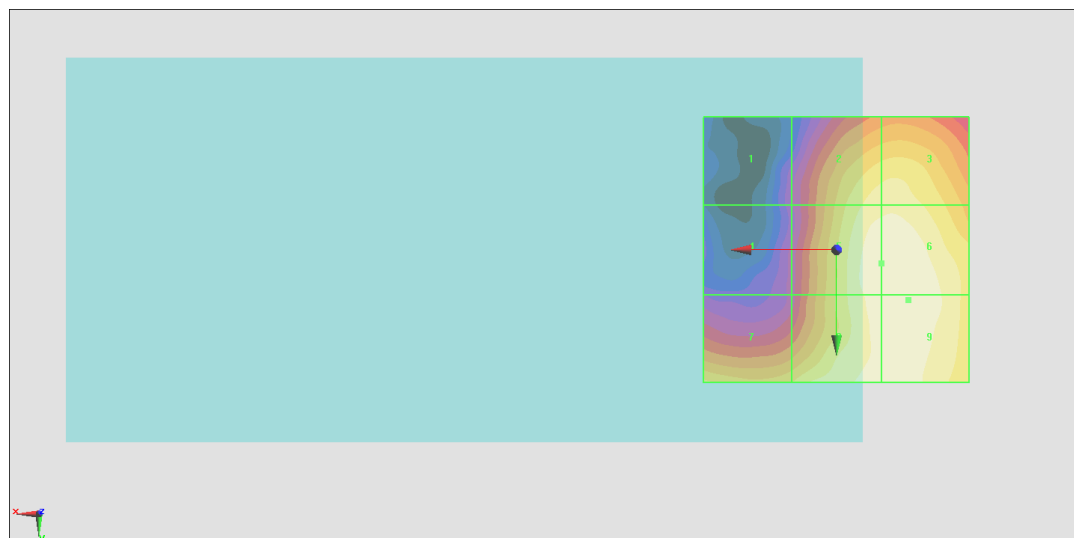
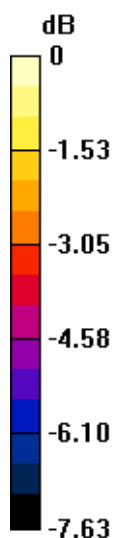
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>16.95 dBV/m</b> | Grid 2 <b>M4</b><br><b>20.92 dBV/m</b> | Grid 3 <b>M4</b><br><b>20.97 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>17.28 dBV/m</b> | Grid 5 <b>M4</b><br><b>21.48 dBV/m</b> | Grid 6 <b>M4</b><br><b>21.56 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>20.25 dBV/m</b> | Grid 8 <b>M4</b><br><b>21.39 dBV/m</b> | Grid 9 <b>M4</b><br><b>21.57 dBV/m</b> |

**Cursor:**

Total = 21.57 dBV/m

E Category: M4

Location: -13.5, 9.5, 8.7 mm



0 dB = 11.98 V/m = 21.57 dBV/m



**#25\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2019/1/30
- 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 = 12.17 V/m; Power Drift = 0.07 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.90 dBV/m

**Emission category: M4**

MIF scaled E-field

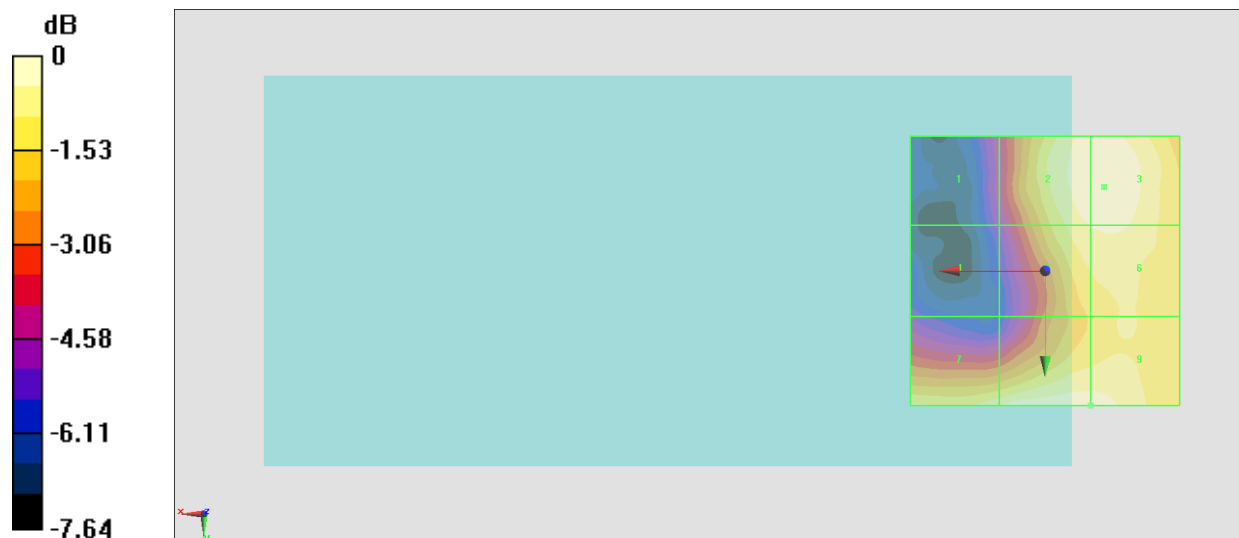
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>16.85 dBV/m</b> | Grid 2 <b>M4</b><br><b>20.81 dBV/m</b> | Grid 3 <b>M4</b><br><b>20.9 dBV/m</b>  |
| Grid 4 <b>M4</b><br><b>16.12 dBV/m</b> | Grid 5 <b>M4</b><br><b>20.41 dBV/m</b> | Grid 6 <b>M4</b><br><b>20.52 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>20.34 dBV/m</b> | Grid 8 <b>M4</b><br><b>20.8 dBV/m</b>  | Grid 9 <b>M4</b><br><b>20.8 dBV/m</b>  |

**Cursor:**

Total = 20.90 dBV/m

E Category: M4

Location: -11, -15.5, 8.7 mm



0 dB = 11.09 V/m = 20.90 dBV/m

**#26\_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 : 23.5 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2019/1/30
- 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 = 8.704 V/m; Power Drift = 0.18 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.05 dBV/m

**Emission category: M4**

MIF scaled E-field

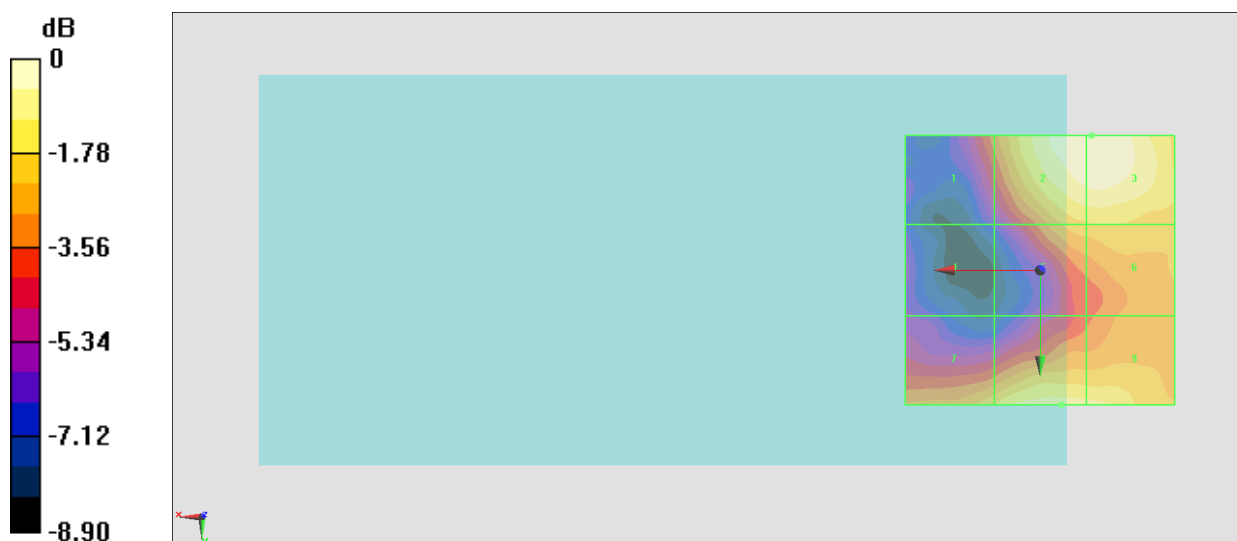
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>17.87 dBV/m</b> | Grid 2 <b>M4</b><br><b>21.03 dBV/m</b> | Grid 3 <b>M4</b><br><b>21.05 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>15.46 dBV/m</b> | Grid 5 <b>M4</b><br><b>19.18 dBV/m</b> | Grid 6 <b>M4</b><br><b>19.3 dBV/m</b>  |
| Grid 7 <b>M4</b><br><b>19.28 dBV/m</b> | Grid 8 <b>M4</b><br><b>20.17 dBV/m</b> | Grid 9 <b>M4</b><br><b>20.13 dBV/m</b> |

**Cursor:**

Total = 21.05 dBV/m

E Category: M4

Location: -9.5, -25, 8.7 mm



0 dB = 11.28 V/m = 21.05 dBV/m