# #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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

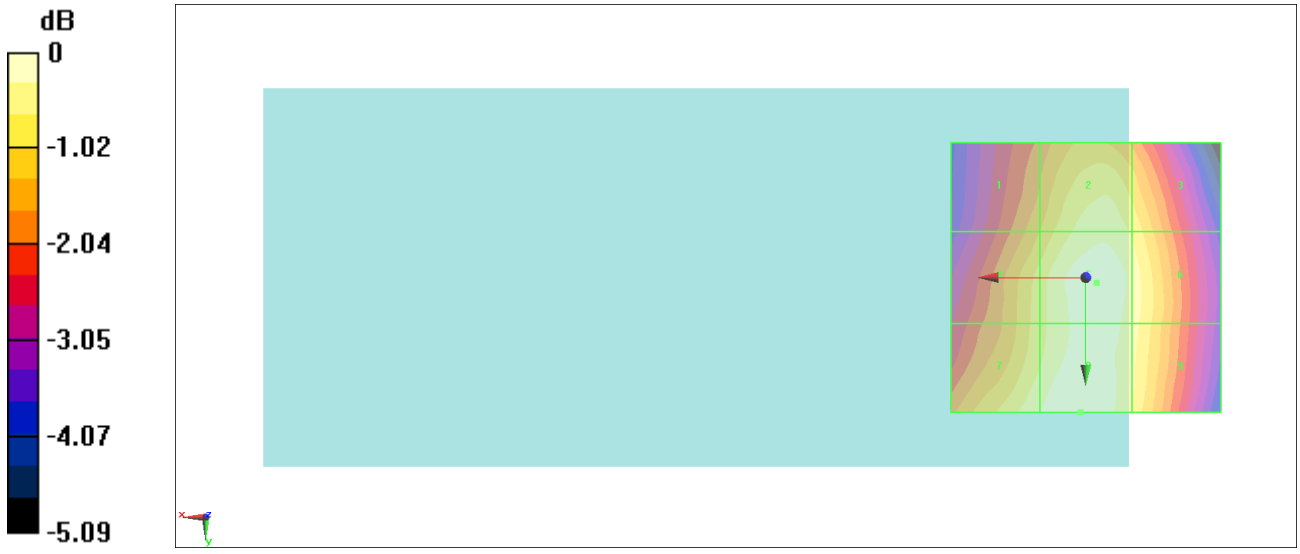
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 52.28 V/m; Power Drift = -0.13 dB
Applied MIF = 3.63 dB
RF audio interference level = 34.71 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **33.37 dBV/m** | Grid 2 **M4** **34.29 dBV/m** | Grid 3 **M4** **33.97 dBV/m** |
| Grid 4 **M4** **33.9 dBV/m** | Grid 5 **M4** **34.63 dBV/m** | Grid 6 **M4** **34.27 dBV/m** |
| Grid 7 **M4** **34.37 dBV/m** | Grid 8 **M4** **34.71 dBV/m** | Grid 9 **M4** **34.2 dBV/m** |

**Cursor:**
Total = 34.71 dBV/m
E Category: M4
Location: 1, 25, 8.7 mm




0 dB = 54.39 V/m = 34.71 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

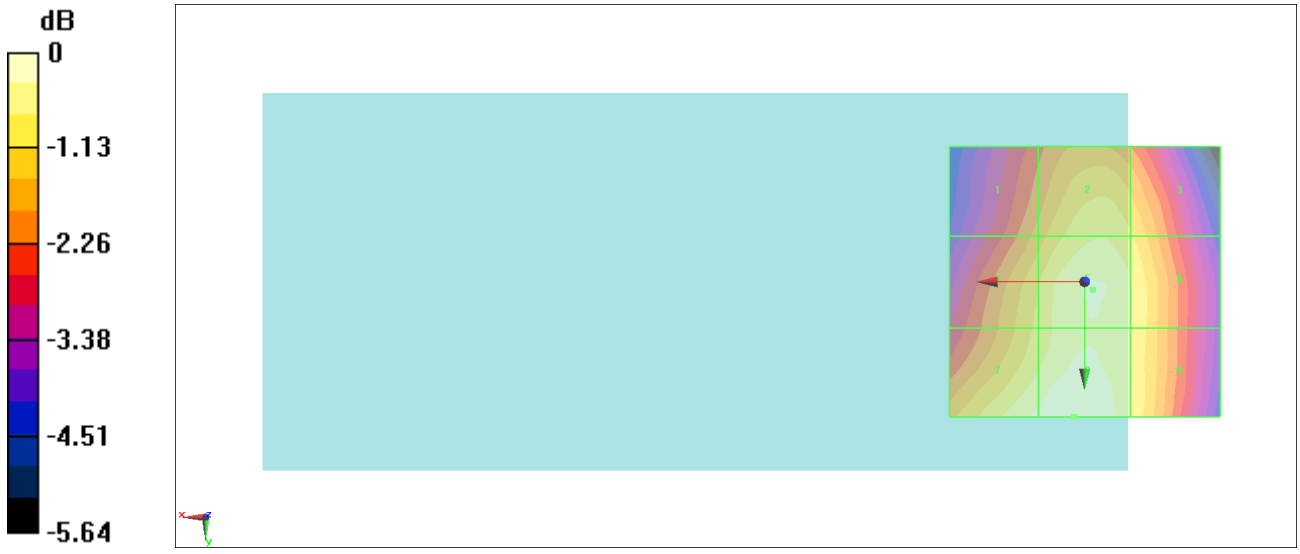
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 49.37 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 34.55 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **32.87 dBV/m** | Grid 2 **M4** **33.79 dBV/m** | Grid 3 **M4** **33.49 dBV/m** |
| Grid 4 **M4** **33.55 dBV/m** | Grid 5 **M4** **34.21 dBV/m** | Grid 6 **M4** **33.87 dBV/m** |
| Grid 7 **M4** **34.31 dBV/m** | Grid 8 **M4** **34.55 dBV/m** | Grid 9 **M4** **33.86 dBV/m** |

**Cursor:**
Total = 34.55 dBV/m
E Category: M4
Location: 2, 25, 8.7 mm




0 dB = 53.42 V/m = 34.55 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

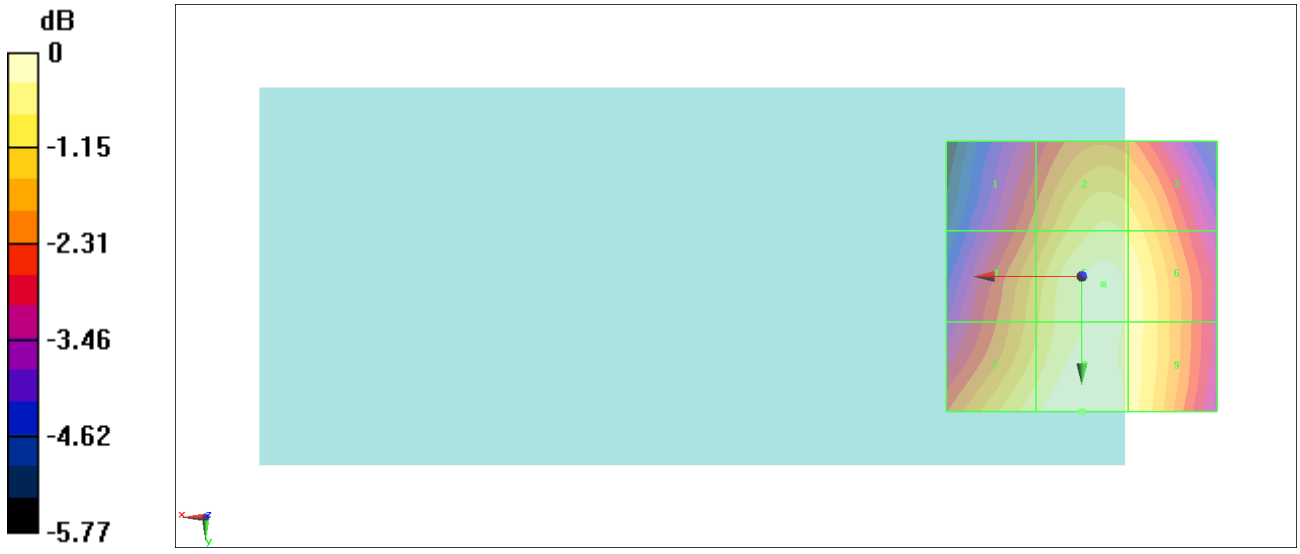
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 48.94 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 34.48 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **32.45 dBV/m** | Grid 2 **M4** **33.82 dBV/m** | Grid 3 **M4** **33.65 dBV/m** |
| Grid 4 **M4** **33.24 dBV/m** | Grid 5 **M4** **34.25 dBV/m** | Grid 6 **M4** **34.03 dBV/m** |
| Grid 7 **M4** **34.01 dBV/m** | Grid 8 **M4** **34.48 dBV/m** | Grid 9 **M4** **34.03 dBV/m** |

**Cursor:**
Total = 34.48 dBV/m
E Category: M4
Location: 0, 25, 8.7 mm




0 dB = 52.96 V/m = 34.48 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

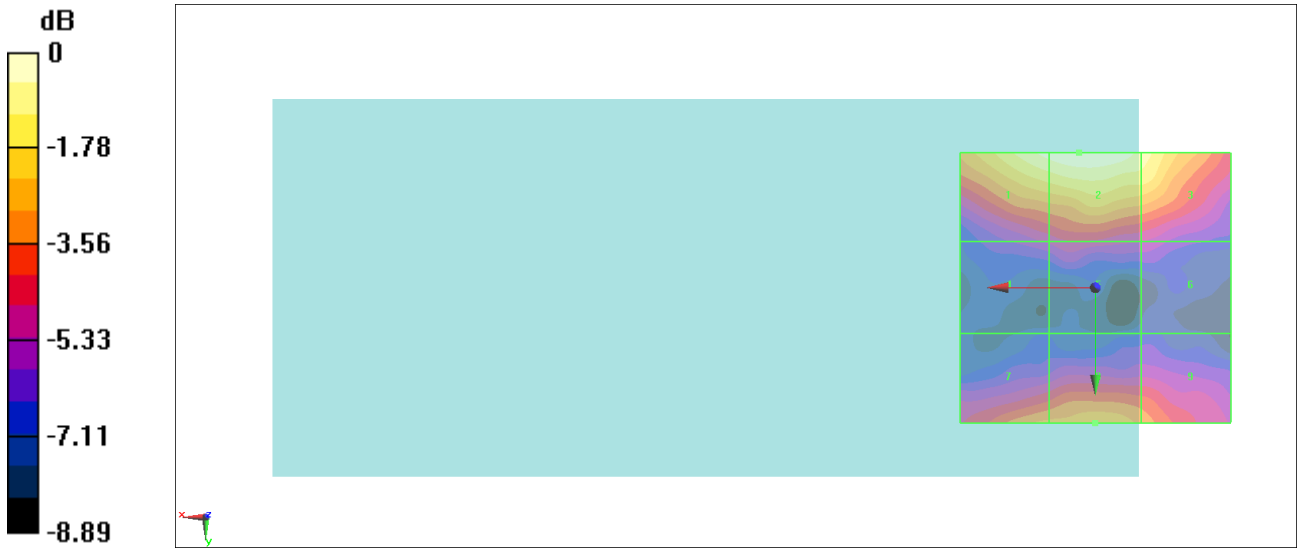
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 8.717 V/m; Power Drift = -0.09 dB
Applied MIF = 3.63 dB
RF audio interference level = 26.70 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **26.39 dBV/m** | Grid 2 **M4** **26.7 dBV/m** | Grid 3 **M4** **25.91 dBV/m** |
| Grid 4 **M4** **21.52 dBV/m** | Grid 5 **M4** **21.96 dBV/m** | Grid 6 **M4** **21.4 dBV/m** |
| Grid 7 **M4** **23.94 dBV/m** | Grid 8 **M4** **24.17 dBV/m** | Grid 9 **M4** **23.55 dBV/m** |

**Cursor:**
Total = 26.70 dBV/m
E Category: M4
Location: 3, -25, 8.7 mm




0 dB = 21.64 V/m = 26.71 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

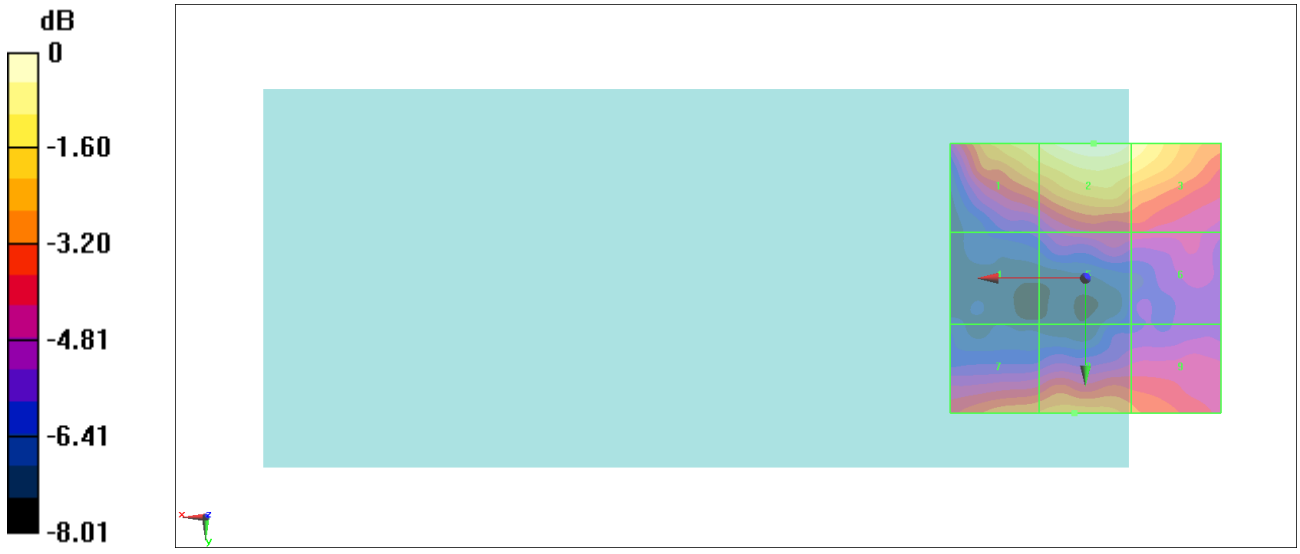
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 8.926 V/m; Power Drift = 0.14 dB
Applied MIF = 3.63 dB
RF audio interference level = 26.39 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **25.43 dBV/m** | Grid 2 **M4** **26.39 dBV/m** | Grid 3 **M4** **25.82 dBV/m** |
| Grid 4 **M4** **20.85 dBV/m** | Grid 5 **M4** **22.15 dBV/m** | Grid 6 **M4** **22.14 dBV/m** |
| Grid 7 **M4** **23.83 dBV/m** | Grid 8 **M4** **24.13 dBV/m** | Grid 9 **M4** **23.43 dBV/m** |

**Cursor:**
Total = 26.39 dBV/m
E Category: M4
Location: -1.5, -25, 8.7 mm




0 dB = 20.88 V/m = 26.39 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

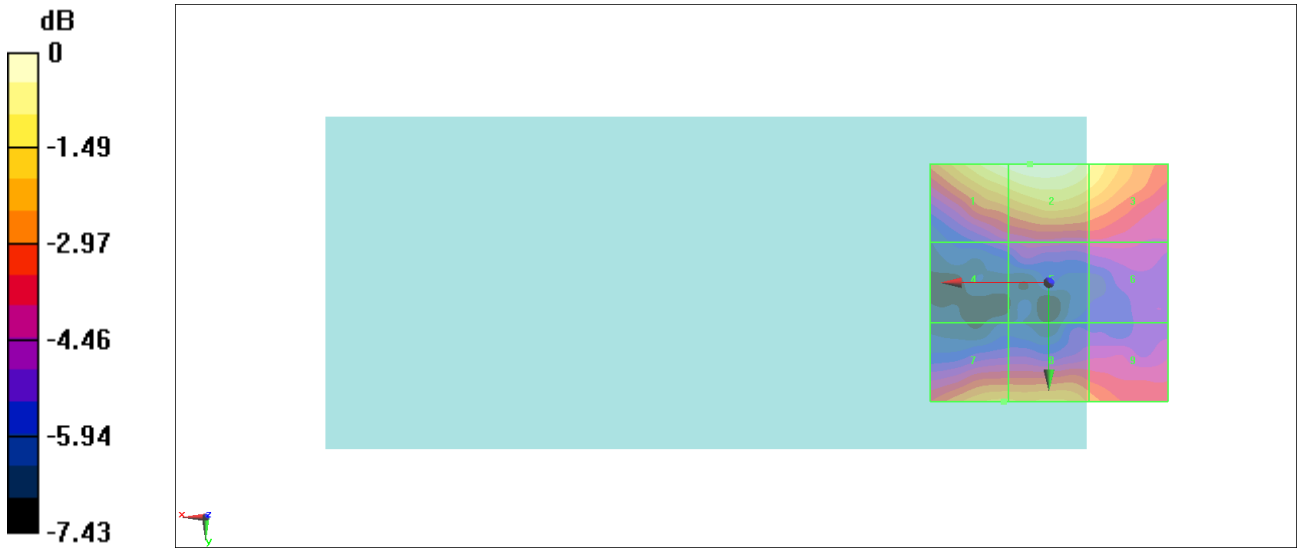
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 9.372 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 26.10 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **25.85 dBV/m** | Grid 2 **M4** **26.1 dBV/m** | Grid 3 **M4** **25.21 dBV/m** |
| Grid 4 **M4** **21.49 dBV/m** | Grid 5 **M4** **21.95 dBV/m** | Grid 6 **M4** **21.98 dBV/m** |
| Grid 7 **M4** **24.3 dBV/m** | Grid 8 **M4** **24.28 dBV/m** | Grid 9 **M4** **23.48 dBV/m** |

**Cursor:**
Total = 26.10 dBV/m
E Category: M4
Location: 4, -25, 8.7 mm




0 dB = 20.18 V/m = 26.10 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: 1:17.746
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

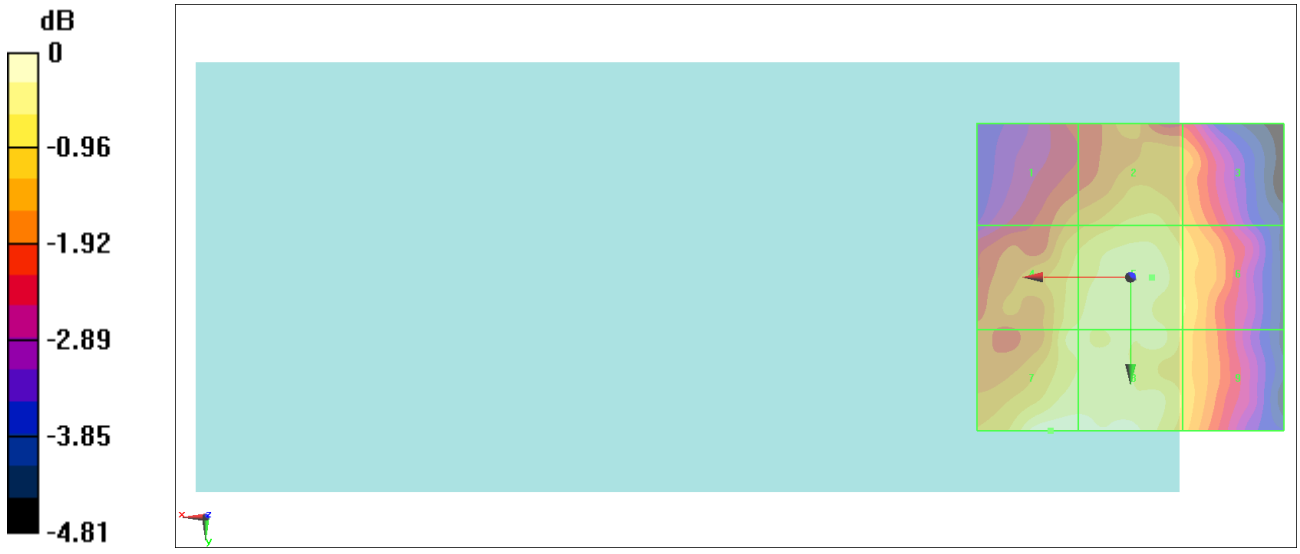
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 15.99 V/m; Power Drift = 0.07 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.24 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **22.87 dBV/m** | Grid 2 **M4** **23.42 dBV/m** | Grid 3 **M4** **22.99 dBV/m** |
| Grid 4 **M4** **23.68 dBV/m** | Grid 5 **M4** **23.81 dBV/m** | Grid 6 **M4** **23.33 dBV/m** |
| Grid 7 **M4** **24.24 dBV/m** | Grid 8 **M4** **24.15 dBV/m** | Grid 9 **M4** **23.25 dBV/m** |

**Cursor:**
Total = 24.24 dBV/m
E Category: M4
Location: 13, 25, 8.7 mm




0 dB = 16.30 V/m = 24.24 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: 1:17.746
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

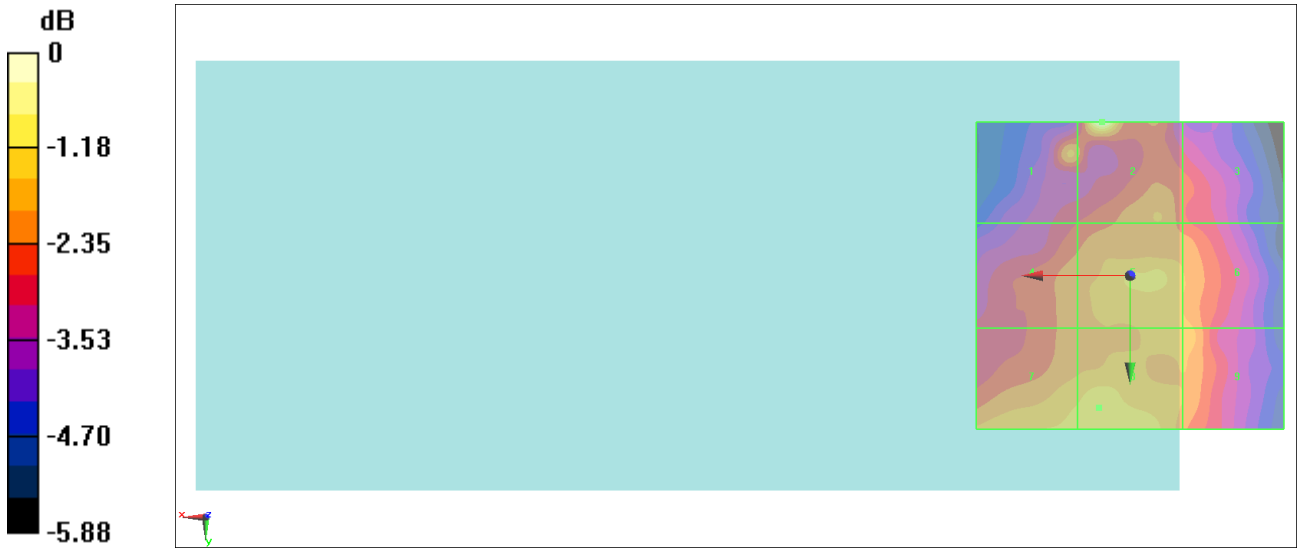
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 16.08 V/m; Power Drift = -0.15 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.16 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **23.31 dBV/m** | Grid 2 **M4** **25.16 dBV/m** | Grid 3 **M4** **22.66 dBV/m** |
| Grid 4 **M4** **23.13 dBV/m** | Grid 5 **M4** **23.71 dBV/m** | Grid 6 **M4** **23.44 dBV/m** |
| Grid 7 **M4** **23.7 dBV/m** | Grid 8 **M4** **23.86 dBV/m** | Grid 9 **M4** **23.5 dBV/m** |

**Cursor:**
Total = 25.16 dBV/m
E Category: M4
Location: 4.5, -25, 8.7 mm




0 dB = 18.12 V/m = 25.16 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: 1:17.746
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

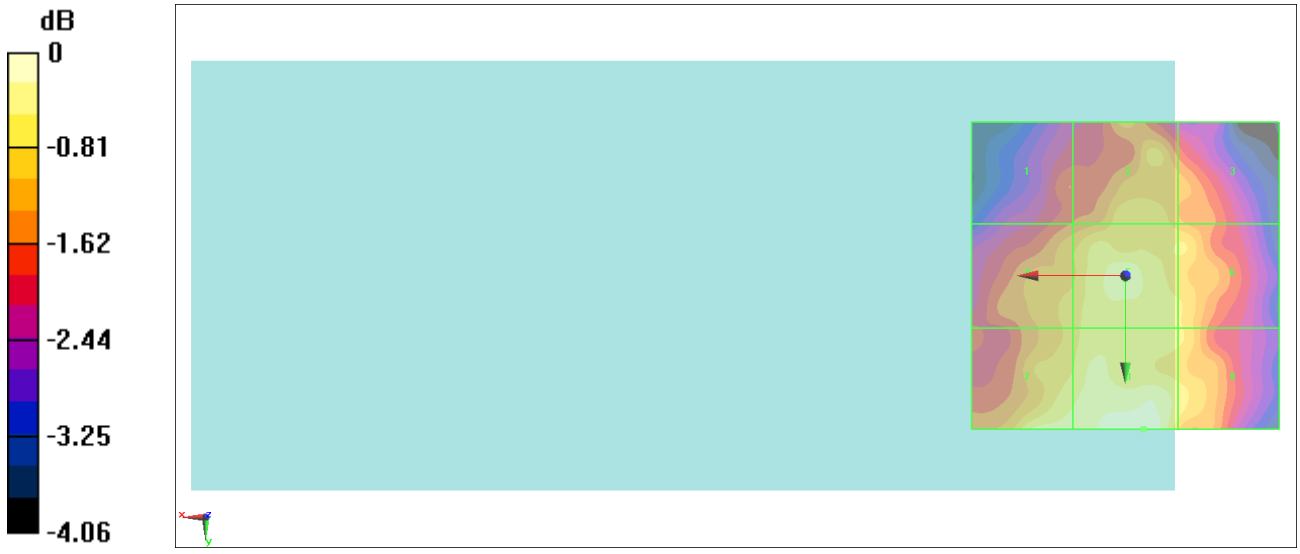
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 13.73 V/m; Power Drift = 0.01 dB
Applied MIF = 3.26 dB
RF audio interference level = 22.96 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **21.38 dBV/m** | Grid 2 **M4** **22.15 dBV/m** | Grid 3 **M4** **21.77 dBV/m** |
| Grid 4 **M4** **22.04 dBV/m** | Grid 5 **M4** **22.71 dBV/m** | Grid 6 **M4** **22.22 dBV/m** |
| Grid 7 **M4** **22.62 dBV/m** | Grid 8 **M4** **22.96 dBV/m** | Grid 9 **M4** **22.33 dBV/m** |

**Cursor:**
Total = 22.96 dBV/m
E Category: M4
Location: -3, 25, 8.7 mm




0 dB = 14.06 V/m = 22.96 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: 1:17.746
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

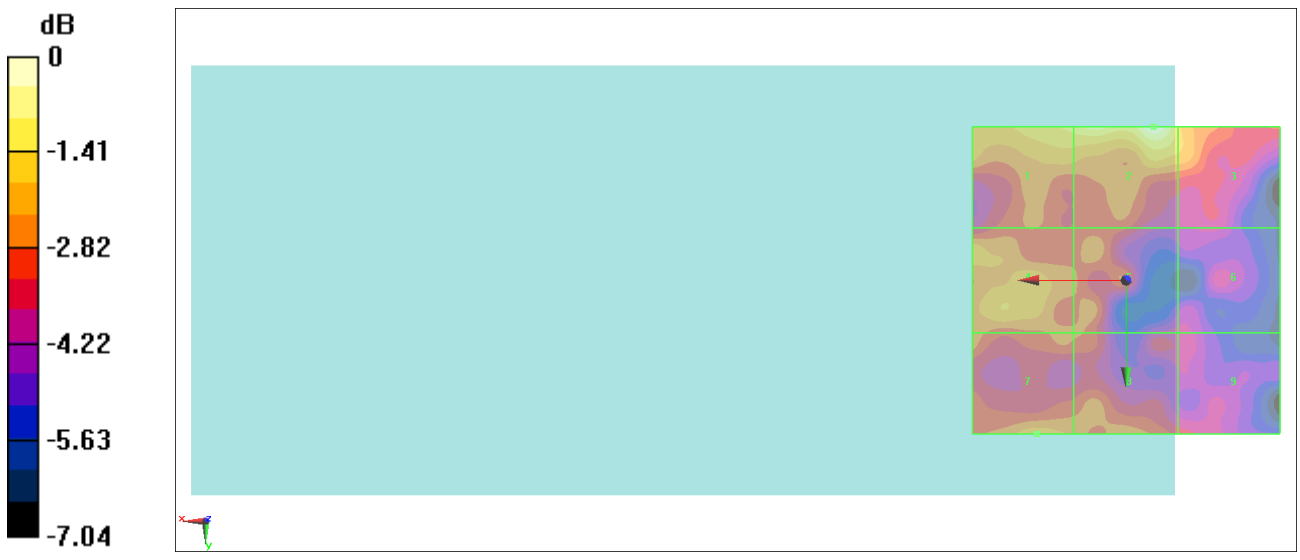
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 7.964 V/m; Power Drift = 0.09 dB
Applied MIF = 3.26 dB
RF audio interference level = 20.15 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **18.98 dBV/m** | Grid 2 **M4** **20.15 dBV/m** | Grid 3 **M4** **18.5 dBV/m** |
| Grid 4 **M4** **18.3 dBV/m** | Grid 5 **M4** **17.69 dBV/m** | Grid 6 **M4** **16.26 dBV/m** |
| Grid 7 **M4** **18.3 dBV/m** | Grid 8 **M4** **17.69 dBV/m** | Grid 9 **M4** **16.77 dBV/m** |

**Cursor:**
Total = 20.15 dBV/m
E Category: M4
Location: -4.5, -25, 8.7 mm




0 dB = 10.17 V/m = 20.15 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: 1:17.746
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

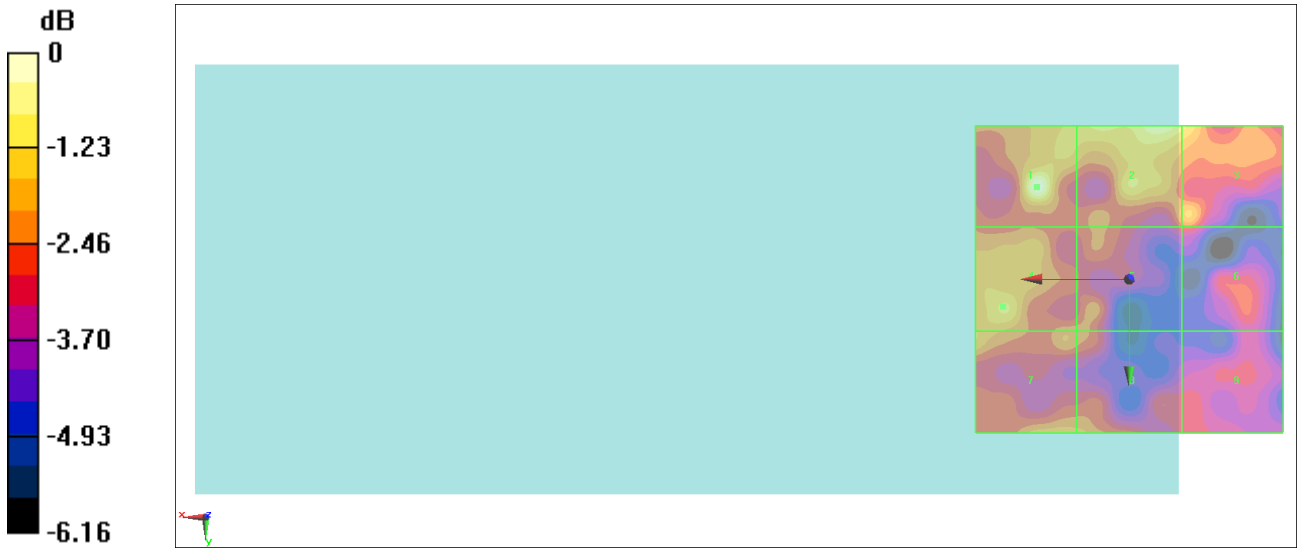
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 7.985 V/m; Power Drift = -0.09 dB
Applied MIF = 3.26 dB
RF audio interference level = 19.92 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **19.92 dBV/m** | Grid 2 **M4** **19.6 dBV/m** | Grid 3 **M4** **18.9 dBV/m** |
| Grid 4 **M4** **18.78 dBV/m** | Grid 5 **M4** **17.76 dBV/m** | Grid 6 **M4** **17.3 dBV/m** |
| Grid 7 **M4** **18.34 dBV/m** | Grid 8 **M4** **18.11 dBV/m** | Grid 9 **M4** **16.97 dBV/m** |

**Cursor:**
Total = 19.92 dBV/m
E Category: M4
Location: 15, -15, 8.7 mm




0 dB = 9.911 V/m = 19.92 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: 1:17.746
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

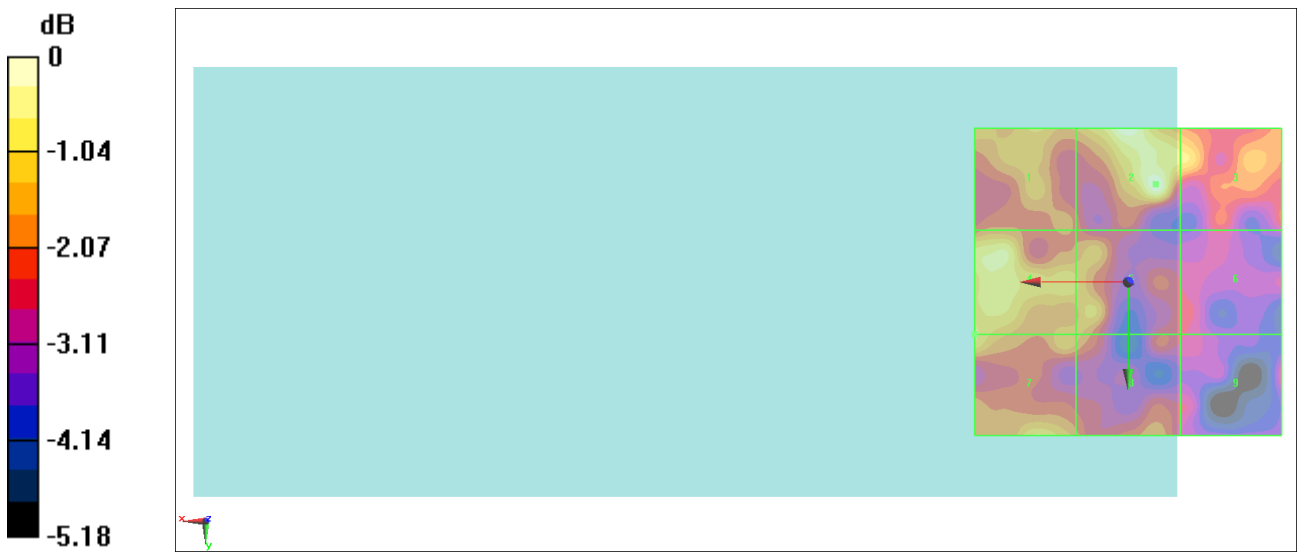
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 7.921 V/m; Power Drift = -0.10 dB
Applied MIF = 3.26 dB
RF audio interference level = 18.90 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **17.59 dBV/m** | Grid 2 **M4** **18.9 dBV/m** | Grid 3 **M4** **17.99 dBV/m** |
| Grid 4 **M4** **18.36 dBV/m** | Grid 5 **M4** **17.66 dBV/m** | Grid 6 **M4** **16.34 dBV/m** |
| Grid 7 **M4** **17.99 dBV/m** | Grid 8 **M4** **17.32 dBV/m** | Grid 9 **M4** **16.25 dBV/m** |

**Cursor:**
Total = 18.90 dBV/m
E Category: M4
Location: -4.5, -16, 8.7 mm




0 dB = 8.808 V/m = 18.90 dBV/m

# #13_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: 1:8.33105
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

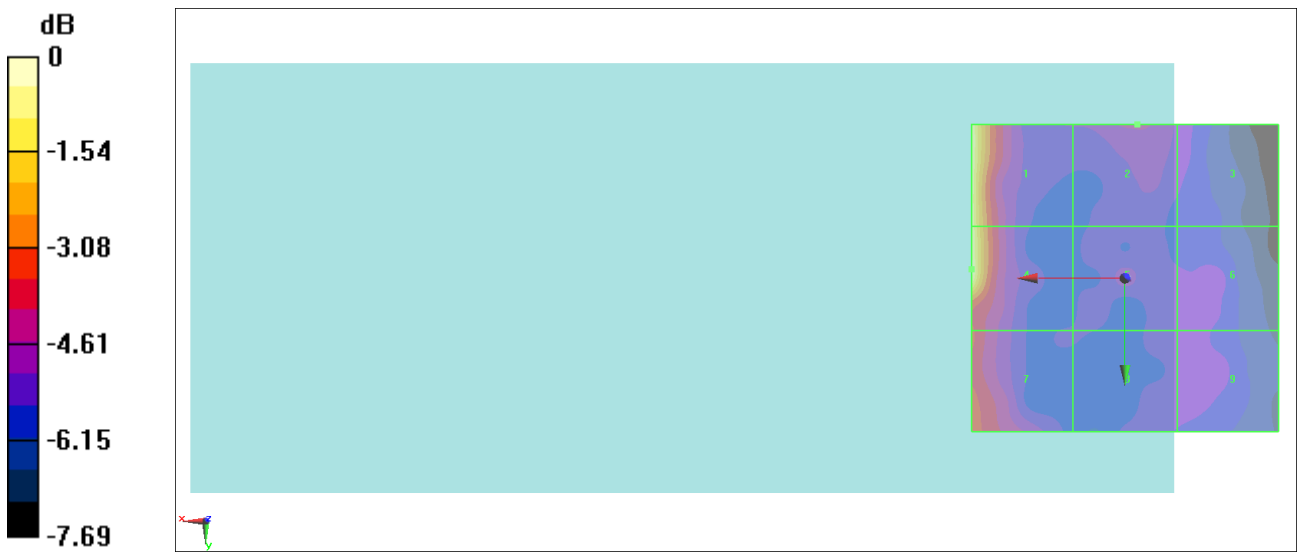
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 18.85 V/m; Power Drift = -0.10 dB
Applied MIF = -1.62 dB
RF audio interference level = 23.81 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **23.6 dBV/m** | Grid 2 **M4** **19.3 dBV/m** | Grid 3 **M4** **18.63 dBV/m** |
| Grid 4 **M4** **23.81 dBV/m** | Grid 5 **M4** **18.88 dBV/m** | Grid 6 **M4** **18.64 dBV/m** |
| Grid 7 **M4** **20.5 dBV/m** | Grid 8 **M4** **18.7 dBV/m** | Grid 9 **M4** **18.67 dBV/m** |

**Cursor:**
Total = 23.81 dBV/m
E Category: M4
Location: 25, -1.5, 8.7 mm




0 dB = 15.51 V/m = 23.81 dBV/m

# #14_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: 1:8.33105
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

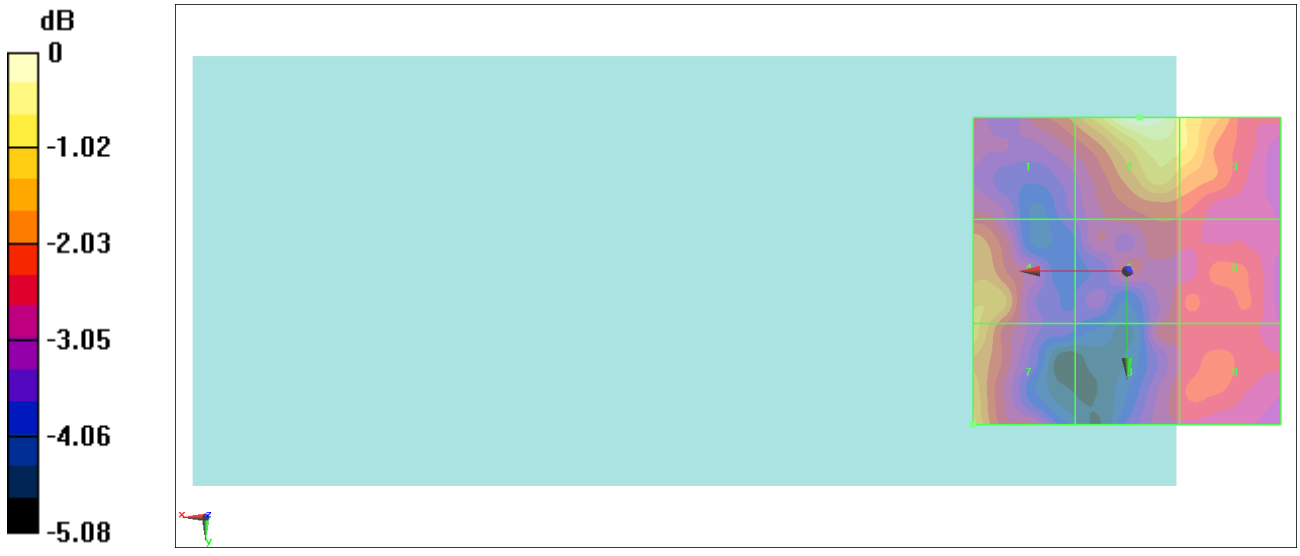
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 10.98 V/m; Power Drift = -0.07 dB
Applied MIF = -1.62 dB
RF audio interference level = 17.89 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **16.04 dBV/m** | Grid 2 **M4** **17.89 dBV/m** | Grid 3 **M4** **17.07 dBV/m** |
| Grid 4 **M4** **16.69 dBV/m** | Grid 5 **M4** **15.56 dBV/m** | Grid 6 **M4** **15.66 dBV/m** |
| Grid 7 **M4** **16.72 dBV/m** | Grid 8 **M4** **15.41 dBV/m** | Grid 9 **M4** **15.76 dBV/m** |

**Cursor:**
Total = 17.89 dBV/m
E Category: M4
Location: -2, -25, 8.7 mm




0 dB = 7.841 V/m = 17.89 dBV/m

# #15_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: 1:8.33105
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 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 = 11.92 V/m; Power Drift = -0.07 dB
Applied MIF = -1.62 dB
RF audio interference level = 20.56 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **20.01 dBV/m** | Grid 2 **M4** **13.96 dBV/m** | Grid 3 **M4** **13.39 dBV/m** |
| Grid 4 **M4** **20.56 dBV/m** | Grid 5 **M4** **13.78 dBV/m** | Grid 6 **M4** **12.74 dBV/m** |
| Grid 7 **M4** **20.45 dBV/m** | Grid 8 **M4** **12.99 dBV/m** | Grid 9 **M4** **12.32 dBV/m** |

**Cursor:**
Total = 20.56 dBV/m
E Category: M4
Location: 22.5, 3.5, 8.7 mm


0 dB = 10.67 V/m = 20.56 dBV/m

# #16_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: 1:8.33105
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

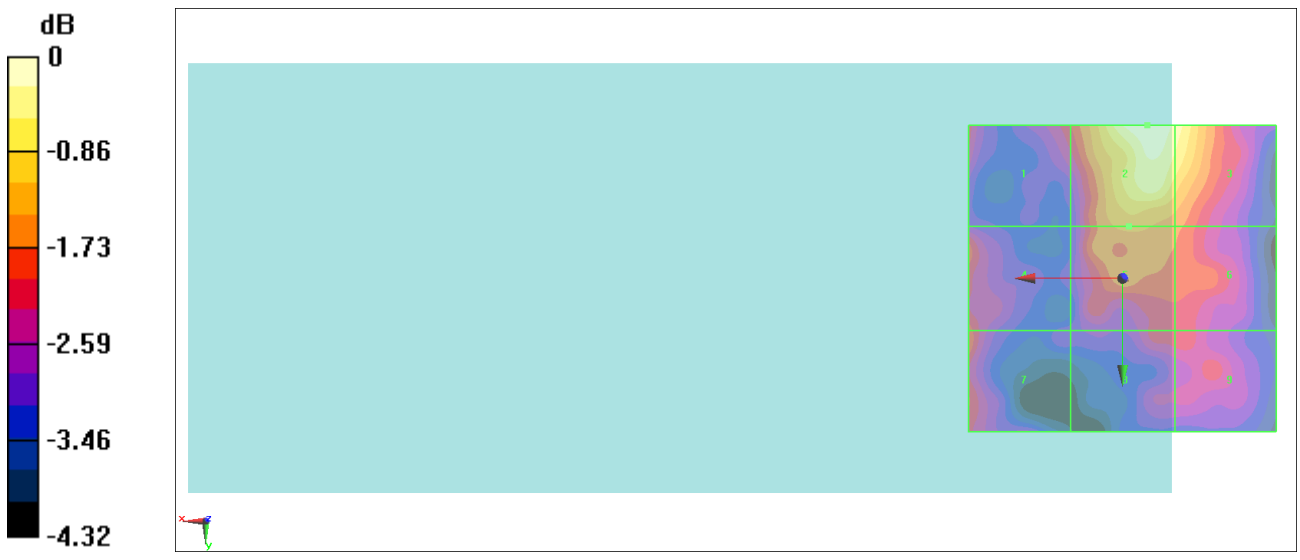
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 11.92 V/m; Power Drift = -0.01 dB
Applied MIF = -1.62 dB
RF audio interference level = 17.91 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **15.9 dBV/m** | Grid 2 **M4** **17.91 dBV/m** | Grid 3 **M4** **17.55 dBV/m** |
| Grid 4 **M4** **16.11 dBV/m** | Grid 5 **M4** **16.58 dBV/m** | Grid 6 **M4** **16.31 dBV/m** |
| Grid 7 **M4** **16.22 dBV/m** | Grid 8 **M4** **15.83 dBV/m** | Grid 9 **M4** **15.84 dBV/m** |

**Cursor:**
Total = 17.91 dBV/m
E Category: M4
Location: -4, -25, 8.7 mm




0 dB = 7.862 V/m = 17.91 dBV/m

# #17_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: 1:8.33105
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

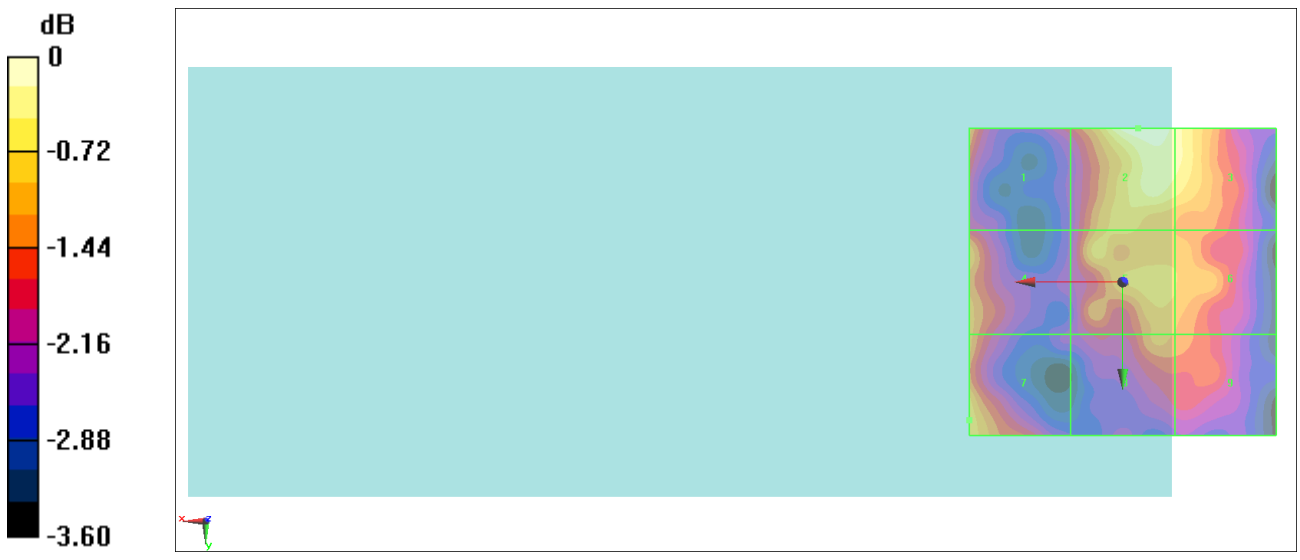
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 12.09 V/m; Power Drift = -0.08 dB
Applied MIF = -1.62 dB
RF audio interference level = 17.39 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **16.43 dBV/m** | Grid 2 **M4** **17.39 dBV/m** | Grid 3 **M4** **17.05 dBV/m** |
| Grid 4 **M4** **16.46 dBV/m** | Grid 5 **M4** **16.66 dBV/m** | Grid 6 **M4** **16.45 dBV/m** |
| Grid 7 **M4** **16.68 dBV/m** | Grid 8 **M4** **16.28 dBV/m** | Grid 9 **M4** **16.17 dBV/m** |

**Cursor:**
Total = 17.39 dBV/m
E Category: M4
Location: -2.5, -25, 8.7 mm




0 dB = 7.401 V/m = 17.39 dBV/m

# #18_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch1

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz;Duty Cycle: 1:12.5893
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

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 (2);SEMCAD X Version 14.6.12 (7470)

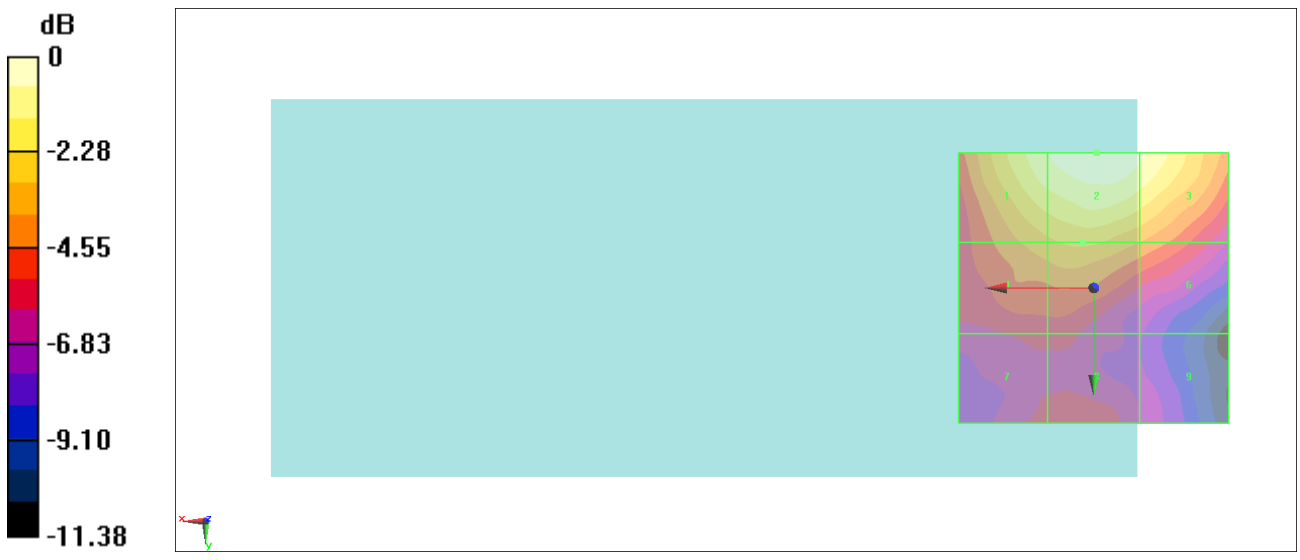
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 14.86 V/m; Power Drift = -0.12 dB
Applied MIF = 0.12 dB
RF audio interference level = 25.14 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.39 dBV/m** | Grid 2 **M4** **25.14 dBV/m** | Grid 3 **M4** **24.59 dBV/m** |
| Grid 4 **M4** **21.95 dBV/m** | Grid 5 **M4** **22.3 dBV/m** | Grid 6 **M4** **21.37 dBV/m** |
| Grid 7 **M4** **19.45 dBV/m** | Grid 8 **M4** **19.46 dBV/m** | Grid 9 **M4** **18.28 dBV/m** |

**Cursor:**
Total = 25.14 dBV/m
E Category: M4
Location: -0.5, -25, 8.7 mm




0 dB = 18.08 V/m = 25.14 dBV/m

# #19_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch6

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz;Duty Cycle: 1:12.5893
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

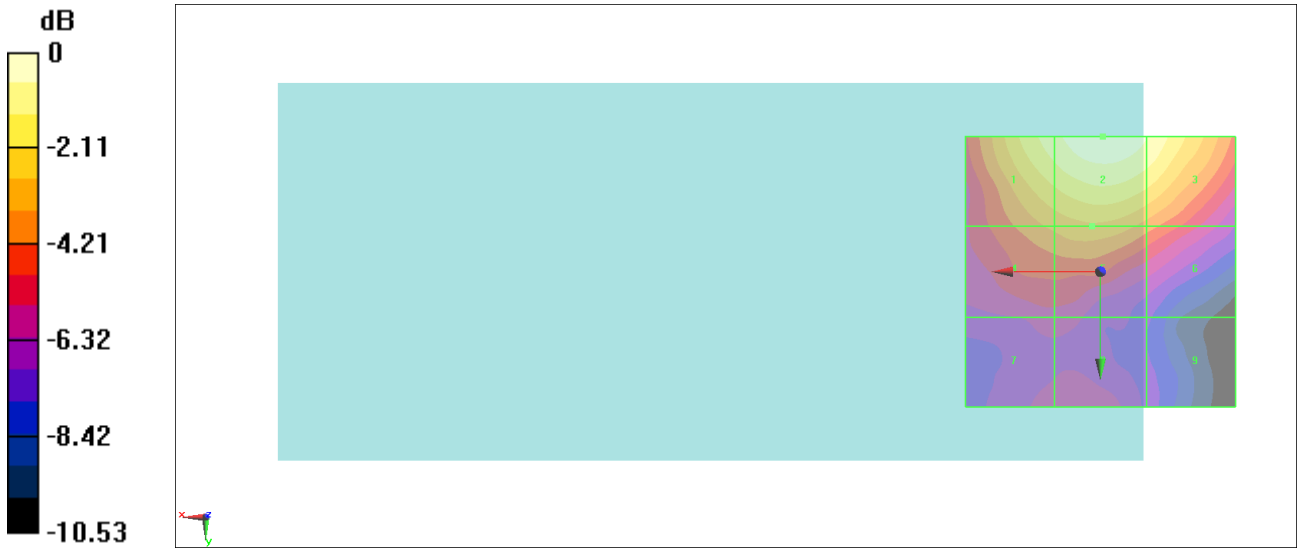
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 14.81 V/m; Power Drift = -0.02 dB
Applied MIF = 0.12 dB
RF audio interference level = 25.28 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.38 dBV/m** | Grid 2 **M4** **25.28 dBV/m** | Grid 3 **M4** **24.62 dBV/m** |
| Grid 4 **M4** **21.98 dBV/m** | Grid 5 **M4** **22.37 dBV/m** | Grid 6 **M4** **21.47 dBV/m** |
| Grid 7 **M4** **19.41 dBV/m** | Grid 8 **M4** **19.48 dBV/m** | Grid 9 **M4** **18.09 dBV/m** |

**Cursor:**
Total = 25.28 dBV/m
E Category: M4
Location: -0.5, -25, 8.7 mm




0 dB = 18.36 V/m = 25.28 dBV/m

# #20_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch11

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz;Duty Cycle: 1:12.5893
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 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)

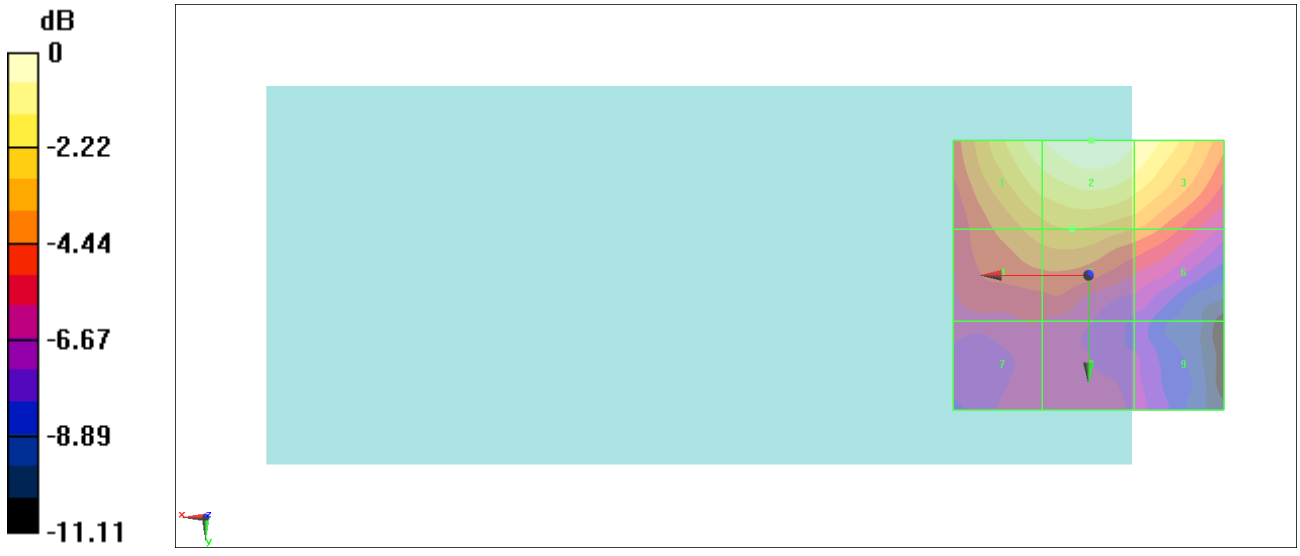
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 14.70 V/m; Power Drift = -0.08 dB
Applied MIF = 0.12 dB
RF audio interference level = 25.18 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.41 dBV/m** | Grid 2 **M4** **25.18 dBV/m** | Grid 3 **M4** **24.5 dBV/m** |
| Grid 4 **M4** **21.91 dBV/m** | Grid 5 **M4** **22.21 dBV/m** | Grid 6 **M4** **21.48 dBV/m** |
| Grid 7 **M4** **19.31 dBV/m** | Grid 8 **M4** **19.28 dBV/m** | Grid 9 **M4** **18.28 dBV/m** |

**Cursor:**
Total = 25.18 dBV/m
E Category: M4
Location: -0.5, -25, 8.7 mm




0 dB = 18.15 V/m = 25.18 dBV/m