#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 ℃

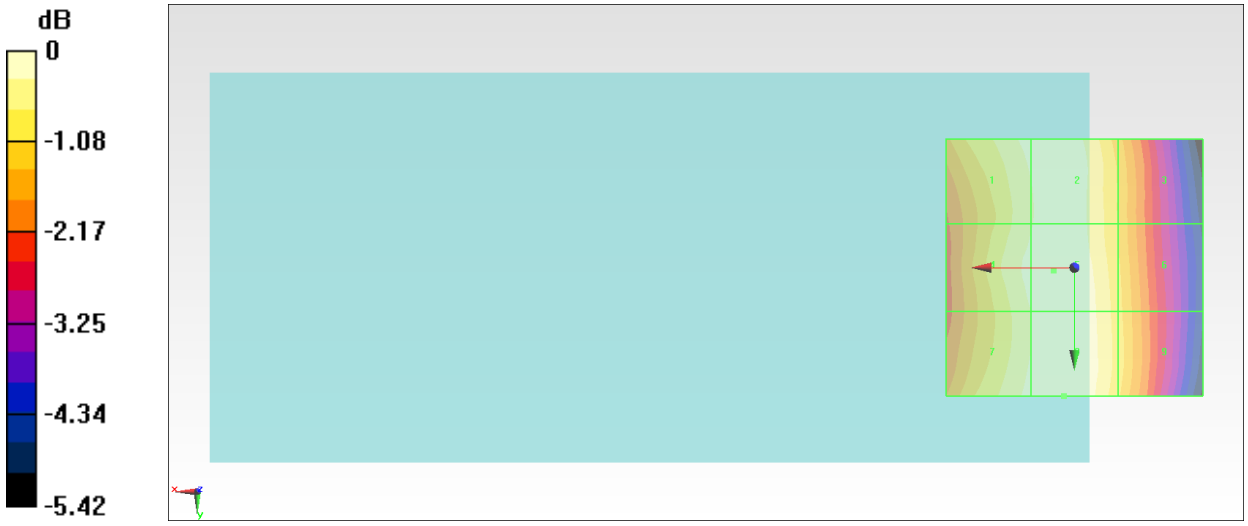
DASY5 Configuration:
- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 55.24 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 35.63 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **35.41 dBV/m**	Grid 2 **M4** **35.55 dBV/m**	Grid 3 **M4** **34.54 dBV/m**
Grid 4 **M4** **35.41 dBV/m**	Grid 5 **M4** **35.61 dBV/m**	Grid 6 **M4** **34.7 dBV/m**
Grid 7 **M4** **35.4 dBV/m**	Grid 8 **M4** **35.63 dBV/m**	Grid 9 **M4** **34.75 dBV/m**

Cursor:
Total = 35.63 dBV/m
E Category: M4
Location: 2, 25, 8.7 mm



0 dB = 60.49 V/m = 35.63 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5 ℃

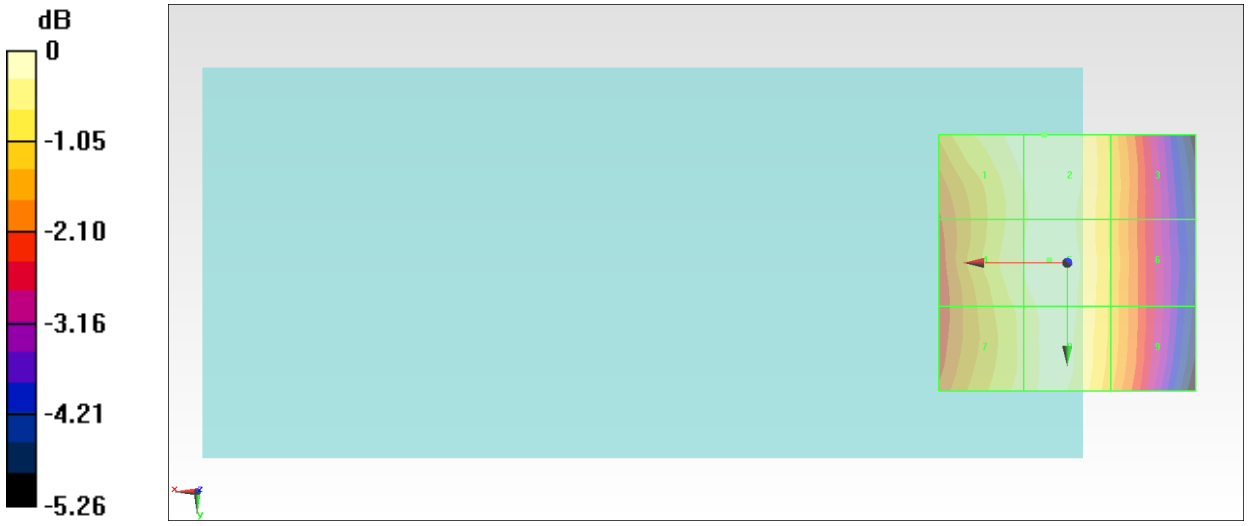
DASY5 Configuration:
- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 52.80 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 35.42 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **35.31 dBV/m**	Grid 2 **M4** **35.42 dBV/m**	Grid 3 **M4** **34.37 dBV/m**
Grid 4 **M4** **35.09 dBV/m**	Grid 5 **M4** **35.32 dBV/m**	Grid 6 **M4** **34.34 dBV/m**
Grid 7 **M4** **34.89 dBV/m**	Grid 8 **M4** **35.2 dBV/m**	Grid 9 **M4** **34.28 dBV/m**

Cursor:
Total = 35.42 dBV/m
E Category: M4
Location: 4.5, -25, 8.7 mm



0 dB = 59.00 V/m = 35.42 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 - SN4062; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- 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)

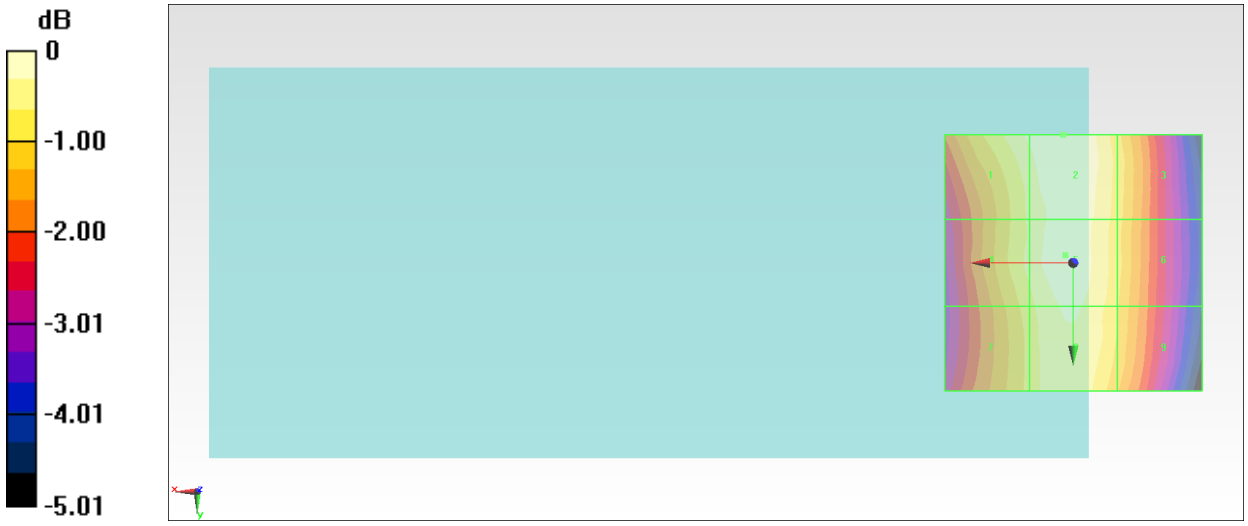
E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 51.27 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 35.14 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **34.89 dBV/m**	Grid 2 **M4** **35.14 dBV/m**	Grid 3 **M4** **34.38 dBV/m**
Grid 4 **M4** **34.59 dBV/m**	Grid 5 **M4** **34.98 dBV/m**	Grid 6 **M4** **34.3 dBV/m**
Grid 7 **M4** **34.35 dBV/m**	Grid 8 **M4** **34.85 dBV/m**	Grid 9 **M4** **34.18 dBV/m**

Cursor:
Total = 35.14 dBV/m
E Category: M4
Location: 2, -25, 8.7 mm



0 dB = 57.14 V/m = 35.14 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 ℃

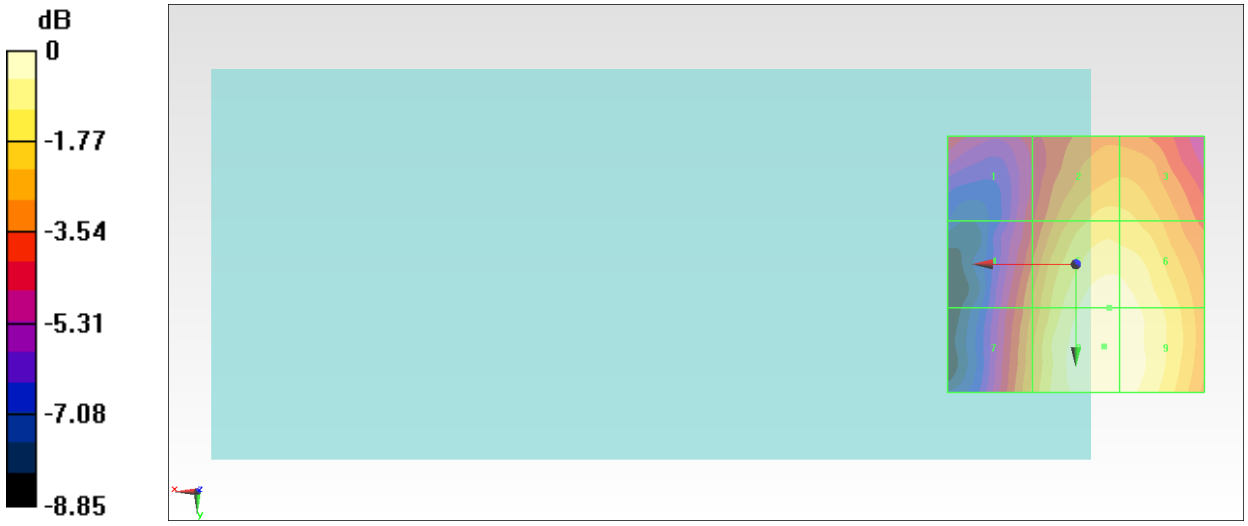
DASY5 Configuration:
- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 22.22 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.05 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.04 dBV/m**	Grid 2 **M4** **27.57 dBV/m**	Grid 3 **M4** **27.51 dBV/m**
Grid 4 **M4** **26.18 dBV/m**	Grid 5 **M4** **28.84 dBV/m**	Grid 6 **M4** **28.77 dBV/m**
Grid 7 **M4** **26.84 dBV/m**	Grid 8 **M4** **29.05 dBV/m**	Grid 9 **M4** **28.93 dBV/m**

Cursor:
Total = 29.05 dBV/m
E Category: M4
Location: -5.5, 16, 8.7 mm



0 dB = 28.33 V/m = 29.05 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 ℃

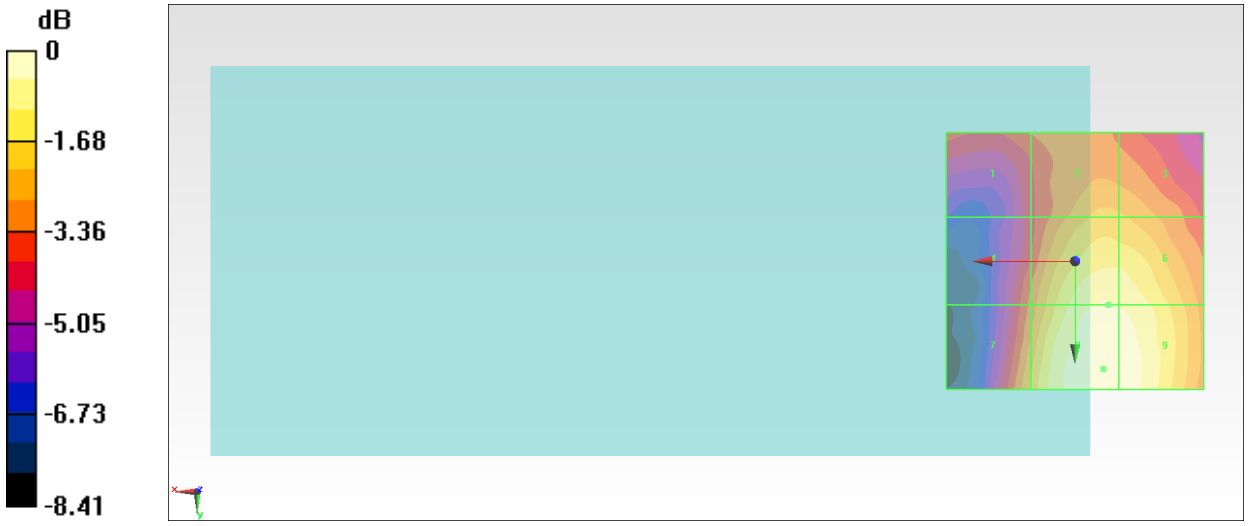
DASY5 Configuration:
- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (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 = 20.92 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.09 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.78 dBV/m**	Grid 2 **M4** **27.05 dBV/m**	Grid 3 **M4** **26.96 dBV/m**
Grid 4 **M4** **25.98 dBV/m**	Grid 5 **M4** **28.57 dBV/m**	Grid 6 **M4** **28.51 dBV/m**
Grid 7 **M4** **27.04 dBV/m**	Grid 8 **M4** **29.09 dBV/m**	Grid 9 **M4** **28.96 dBV/m**

Cursor:
Total = 29.09 dBV/m
E Category: M4
Location: -5.5, 21, 8.7 mm



0 dB = 28.47 V/m = 29.09 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- 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)

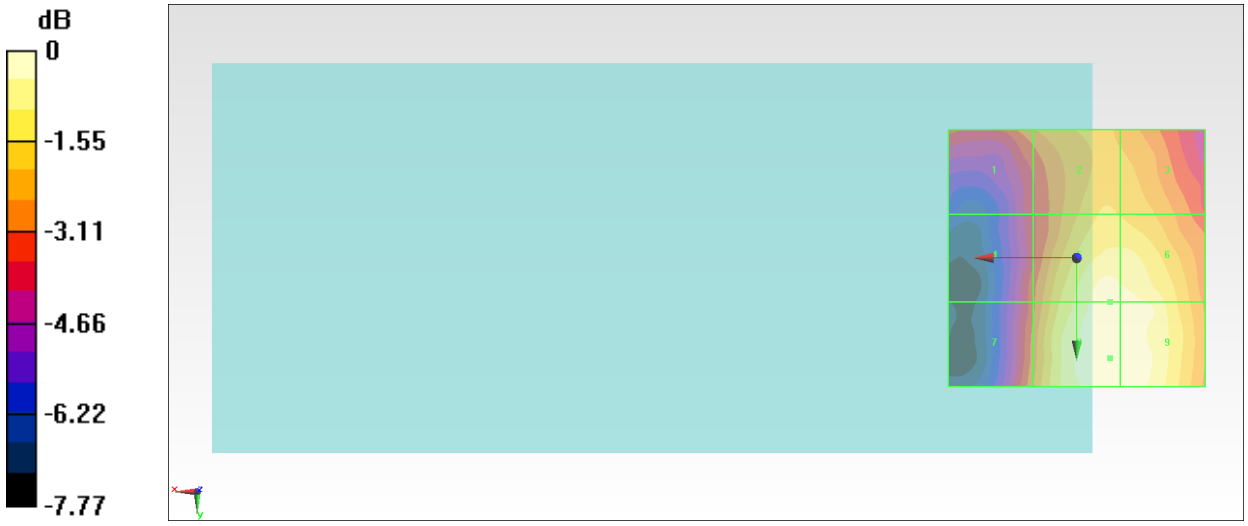
E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 18.61 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.92 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.28 dBV/m**	Grid 2 **M4** **26.46 dBV/m**	Grid 3 **M4** **26.34 dBV/m**
Grid 4 **M4** **24.68 dBV/m**	Grid 5 **M4** **27.66 dBV/m**	Grid 6 **M4** **27.6 dBV/m**
Grid 7 **M4** **25.34 dBV/m**	Grid 8 **M4** **27.92 dBV/m**	Grid 9 **M4** **27.86 dBV/m**

Cursor:
Total = 27.92 dBV/m
E Category: M4
Location: -6.5, 19.5, 8.7 mm



0 dB = 24.90 V/m = 27.92 dBV/m