#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: 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 = 91.54 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 39.65 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **38.94 dBV/m**	Grid 2 **M4** **39.45 dBV/m**	Grid 3 **M4** **38.84 dBV/m**
Grid 4 **M4** **39.13 dBV/m**	Grid 5 **M4** **39.65 dBV/m**	Grid 6 **M4** **39.12 dBV/m**
Grid 7 **M4** **38.93 dBV/m**	Grid 8 **M4** **39.44 dBV/m**	Grid 9 **M4** **38.91 dBV/m**

Cursor:
Total = 39.65 dBV/m
E Category: M4
Location: -0.5, 1, 8.7 mm

0 dB = 96.04 V/m = 39.65 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: 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 = 87.36 V/m; Power Drift = -0.07 dB
Applied MIF = 3.63 dB
RF audio interference level = 39.24 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **38.44 dBV/m**	Grid 2 **M4** **39 dBV/m**	Grid 3 **M4** **38.47 dBV/m**
Grid 4 **M4** **38.6 dBV/m**	Grid 5 **M4** **39.24 dBV/m**	Grid 6 **M4** **38.77 dBV/m**
Grid 7 **M4** **38.44 dBV/m**	Grid 8 **M4** **39.05 dBV/m**	Grid 9 **M4** **38.54 dBV/m**

Cursor:
Total = 39.24 dBV/m
E Category: M4
Location: -0.5, 0.5, 8.7 mm

0 dB = 91.64 V/m = 39.24 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: 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 = 69.73 V/m; Power Drift = 0.08 dB
Applied MIF = 3.63 dB
RF audio interference level = 37.37 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **36.49 dBV/m**	Grid 2 **M4** **37.17 dBV/m**	Grid 3 **M4** **36.79 dBV/m**
Grid 4 **M4** **36.57 dBV/m**	Grid 5 **M4** **37.37 dBV/m**	Grid 6 **M4** **36.99 dBV/m**
Grid 7 **M4** **36.26 dBV/m**	Grid 8 **M4** **37.07 dBV/m**	Grid 9 **M4** **36.69 dBV/m**

Cursor:
Total = 37.37 dBV/m
E Category: M4
Location: -1, -0.5, 8.7 mm

0 dB = 73.87 V/m = 37.37 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: 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 = 0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.55 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.19 dBV/m**	Grid 2 **M4** **25.66 dBV/m**	Grid 3 **M4** **25.79 dBV/m**
Grid 4 **M4** **25.43 dBV/m**	Grid 5 **M4** **28.09 dBV/m**	Grid 6 **M4** **28.06 dBV/m**
Grid 7 **M4** **27.41 dBV/m**	Grid 8 **M4** **28.55 dBV/m**	Grid 9 **M4** **28.44 dBV/m**

Cursor:
Total = 28.55 dBV/m
E Category: M4
Location: -5, 20.5, 8.7 mm

0 dB = 26.76 V/m = 28.55 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: 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 = 17.79 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.51 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.63 dBV/m**	Grid 2 **M4** **24.58 dBV/m**	Grid 3 **M4** **24.71 dBV/m**
Grid 4 **M4** **25.28 dBV/m**	Grid 5 **M4** **27.53 dBV/m**	Grid 6 **M4** **27.5 dBV/m**
Grid 7 **M4** **27.85 dBV/m**	Grid 8 **M4** **28.51 dBV/m**	Grid 9 **M4** **28.08 dBV/m**

Cursor:
Total = 28.51 dBV/m
E Category: M4
Location: 0, 25, 8.7 mm

0 dB = 26.65 V/m = 28.51 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: 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 = 18.71 V/m; Power Drift = -0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.93 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.41 dBV/m**	Grid 2 **M4** **25.94 dBV/m**	Grid 3 **M4** **26.16 dBV/m**
Grid 4 **M4** **25.83 dBV/m**	Grid 5 **M4** **28.53 dBV/m**	Grid 6 **M4** **28.53 dBV/m**
Grid 7 **M4** **28.04 dBV/m**	Grid 8 **M4** **28.93 dBV/m**	Grid 9 **M4** **28.82 dBV/m**

Cursor:
Total = 28.93 dBV/m
E Category: M4
Location: -4, 21.5, 8.7 mm

0 dB = 27.97 V/m = 28.93 dBV/m