

#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/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 8.759 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.92 dBV/m

Emission category: M4

MIF scaled E-field

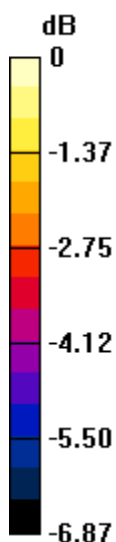
Grid 1 M4 22.4 dBV/m	Grid 2 M4 22.38 dBV/m	Grid 3 M4 20.71 dBV/m
Grid 4 M4 22.83 dBV/m	Grid 5 M4 22.05 dBV/m	Grid 6 M4 20.6 dBV/m
Grid 7 M4 22.92 dBV/m	Grid 8 M4 21.79 dBV/m	Grid 9 M4 19.44 dBV/m

Cursor:

Total = 22.92 dBV/m

E Category: M4

Location: 15, 9.5, 8.7 mm



0 dB = 14.00 V/m = 22.92 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/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 8.368 V/m; Power Drift = 0.68 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.09 dBV/m

Emission category: M4

MIF scaled E-field

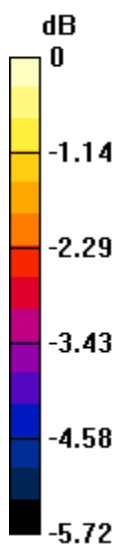
Grid 1 M4 22.45 dBV/m	Grid 2 M4 22.34 dBV/m	Grid 3 M4 20.82 dBV/m
Grid 4 M4 22.99 dBV/m	Grid 5 M4 22.09 dBV/m	Grid 6 M4 20.57 dBV/m
Grid 7 M4 23.09 dBV/m	Grid 8 M4 21.78 dBV/m	Grid 9 M4 19.72 dBV/m

Cursor:

Total = 23.09 dBV/m

E Category: M4

Location: 15, 9.5, 8.7 mm



0 dB = 14.27 V/m = 23.09 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/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 8.949 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.27 dBV/m

Emission category: M4

MIF scaled E-field

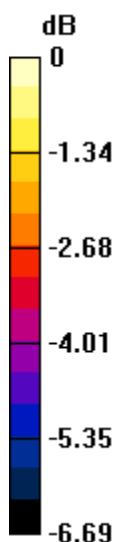
Grid 1 M4 22.85 dBV/m	Grid 2 M4 22.47 dBV/m	Grid 3 M4 21.1 dBV/m
Grid 4 M4 23.21 dBV/m	Grid 5 M4 22.2 dBV/m	Grid 6 M4 20.88 dBV/m
Grid 7 M4 23.27 dBV/m	Grid 8 M4 22.09 dBV/m	Grid 9 M4 19.64 dBV/m

Cursor:

Total = 23.27 dBV/m

E Category: M4

Location: 15, 9.5, 8.7 mm



0 dB = 14.58 V/m = 23.28 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/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 8.401 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.13 dBV/m

Emission category: M4

MIF scaled E-field

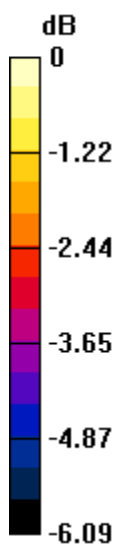
Grid 1 M4 22.55 dBV/m	Grid 2 M4 22.45 dBV/m	Grid 3 M4 20.92 dBV/m
Grid 4 M4 23.02 dBV/m	Grid 5 M4 22.17 dBV/m	Grid 6 M4 20.65 dBV/m
Grid 7 M4 23.13 dBV/m	Grid 8 M4 21.99 dBV/m	Grid 9 M4 19.66 dBV/m

Cursor:

Total = 23.13 dBV/m

E Category: M4

Location: 15, 9.5, 8.7 mm



0 dB = 14.33 V/m = 23.12 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/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 8.575 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.27 dBV/m

Emission category: M4

MIF scaled E-field

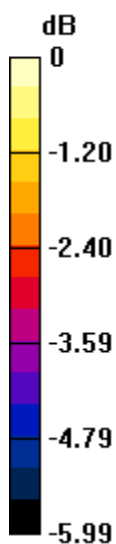
Grid 1 M4 22.76 dBV/m	Grid 2 M4 22.62 dBV/m	Grid 3 M4 21.07 dBV/m
Grid 4 M4 23.19 dBV/m	Grid 5 M4 22.34 dBV/m	Grid 6 M4 20.95 dBV/m
Grid 7 M4 23.27 dBV/m	Grid 8 M4 22.4 dBV/m	Grid 9 M4 19.94 dBV/m

Cursor:

Total = 23.27 dBV/m

E Category: M4

Location: 15, 9.5, 8.7 mm



0 dB = 14.57 V/m = 23.27 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/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 8.636 V/m; Power Drift = 0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.25 dBV/m

Emission category: M4

MIF scaled E-field

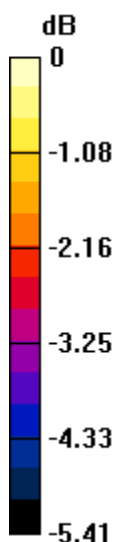
Grid 1 M4 22.91 dBV/m	Grid 2 M4 22.85 dBV/m	Grid 3 M4 21.01 dBV/m
Grid 4 M4 23.24 dBV/m	Grid 5 M4 22.75 dBV/m	Grid 6 M4 20.85 dBV/m
Grid 7 M4 23.25 dBV/m	Grid 8 M4 22.58 dBV/m	Grid 9 M4 19.89 dBV/m

Cursor:

Total = 23.25 dBV/m

E Category: M4

Location: 14.5, 9, 8.7 mm



0 dB = 14.54 V/m = 23.25 dBV/m