

### #01\_HAC\_E\_GSM1900\_GSM Voice\_Ch810

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3  
 Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.4 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- 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 = 21.58 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.88 dBV/m

**Emission category: M4**

MIF scaled E-field

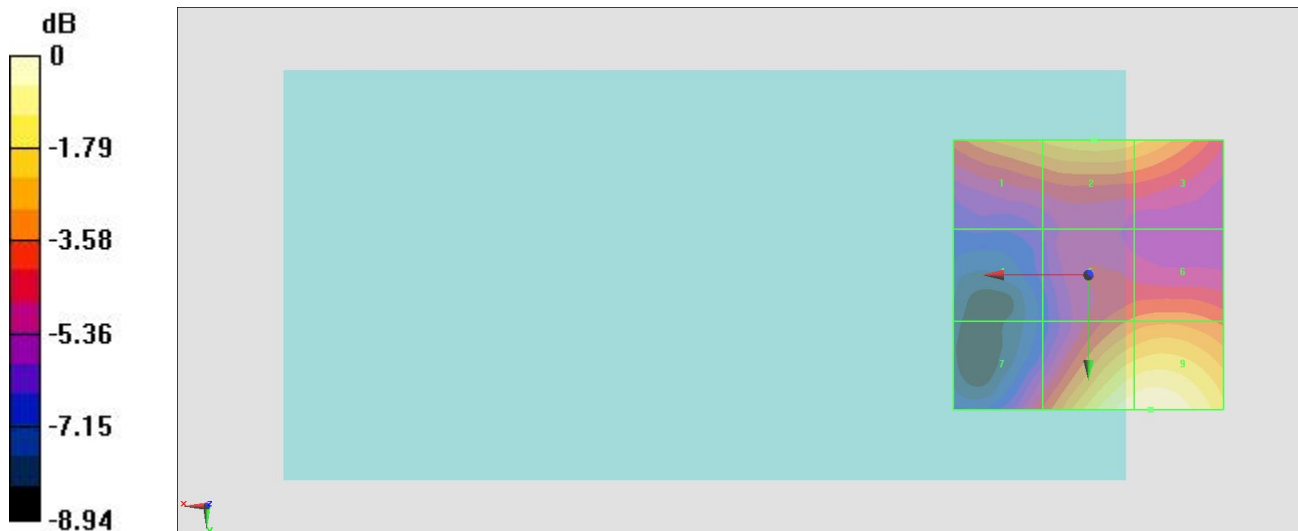
Grid 1 <b>M4</b> <b>27.59 dBV/m</b>	Grid 2 <b>M4</b> <b>28.03 dBV/m</b>	Grid 3 <b>M4</b> <b>27.72 dBV/m</b>
Grid 4 <b>M4</b> <b>24.04 dBV/m</b>	Grid 5 <b>M4</b> <b>26.48 dBV/m</b>	Grid 6 <b>M4</b> <b>26.77 dBV/m</b>
Grid 7 <b>M4</b> <b>25.79 dBV/m</b>	Grid 8 <b>M4</b> <b>29.76 dBV/m</b>	Grid 9 <b>M4</b> <b>29.88 dBV/m</b>

**Cursor:**

Total = 29.88 dBV/m

E Category: M4

Location: -11.5, 25, 8.7 mm



0 dB = 31.17 V/m = 29.87 dBV/m