

### #01\_HAC\_E\_GSM1900\_GSM Voice\_Ch661

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.3  
 Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 23.6 °C

#### DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- 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 = 24.68 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.51 dBV/m

**Emission category: M4**

MIF scaled E-field

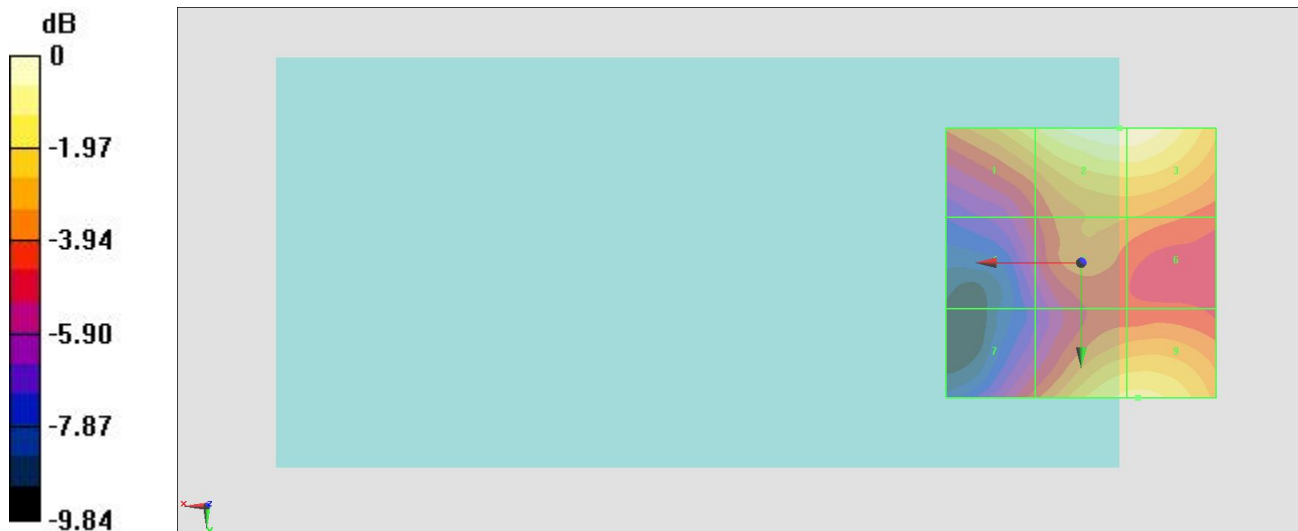
Grid 1 <b>M4</b> <b>28.16 dBV/m</b>	Grid 2 <b>M4</b> <b>29.51 dBV/m</b>	Grid 3 <b>M4</b> <b>29.49 dBV/m</b>
Grid 4 <b>M4</b> <b>24.81 dBV/m</b>	Grid 5 <b>M4</b> <b>26.37 dBV/m</b>	Grid 6 <b>M4</b> <b>26.3 dBV/m</b>
Grid 7 <b>M4</b> <b>25.41 dBV/m</b>	Grid 8 <b>M4</b> <b>28.42 dBV/m</b>	Grid 9 <b>M4</b> <b>28.47 dBV/m</b>

**Cursor:**

Total = 29.51 dBV/m

E Category: M4

Location: -7, -25, 8.7 mm



0 dB = 29.90 V/m = 29.51 dBV/m