



Report No.: SEWM2302000050RG08

Rev.: 01

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Appendix B

Detailed Test Results

1. GSM
GSM1900 for E-Field Emission

Test Laboratory: SGS-SAR Lab

SV55216 HAC-RF-GSM1900 512CH**DUT: SV55216; Type: Smart Phone; Serial: 356566229915301**

Communication System: UID 10021 - DAB, 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
Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2022-06-10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the**Device 4/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 = 13.76 V/m; Power Drift = 0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.47 dBV/m

Emission category: M4

MIF scaled E-field

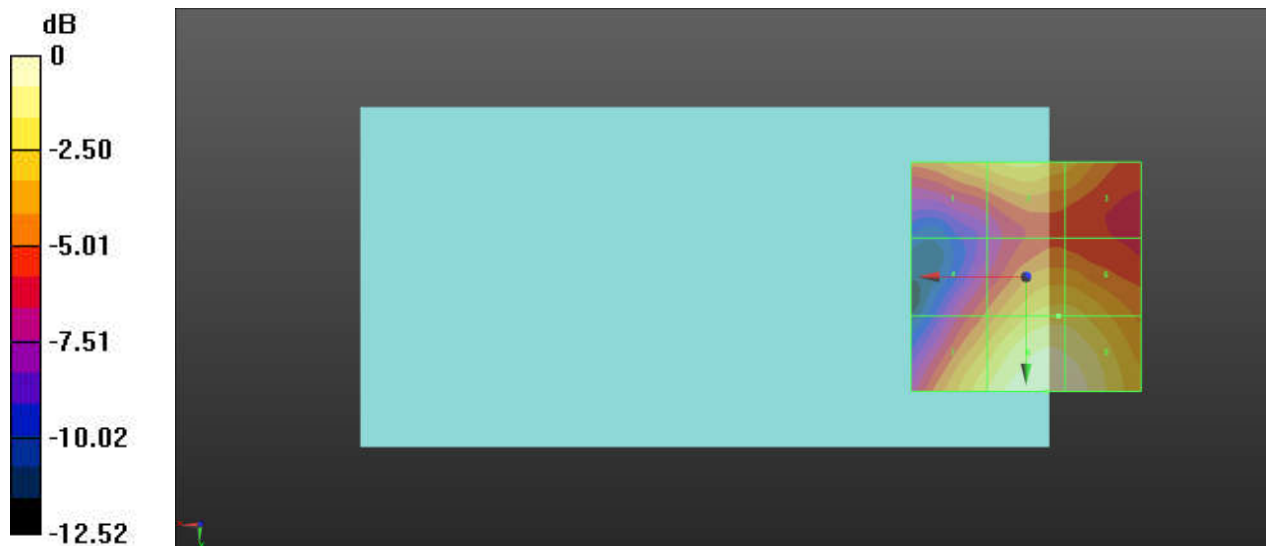
Grid 1 M4 25.59 dBV/m	Grid 2 M4 26.32 dBV/m	Grid 3 M4 25.62 dBV/m
Grid 4 M4 23.78 dBV/m	Grid 5 M4 26.49 dBV/m	Grid 6 M4 26.47 dBV/m
Grid 7 M4 26.85 dBV/m	Grid 8 M4 28.47 dBV/m	Grid 9 M4 28.31 dBV/m

Cursor:

Total = 28.47 dBV/m

E Category: M4

Location: -4.5, 25, 7.7 mm



0 dB = 26.52 V/m = 28.47 dBV/m