



Report No.: SEWM2304000111RG010

Rev.: 01

Page: 1 of 1

Appendix B

Detailed Test Results

1. WLAN2.4G
WLAN2.4G for E-Field Emission

Test Laboratory: SGS-SAR Lab

U680AA HAC-RF-WiFi 2.4G 802.11g 1CH

DUT: U680AA; Type: Smart Phone; Serial: 861745060002092

Communication System: UID 10013 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps);
Frequency: 2412 MHz; Duty Cycle: 1:8.8308

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 Sn1324; Calibrated: 2022-10-17
- 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 6 3/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 = 36.07 V/m; Power Drift = 0.01 dB

Applied MIF = -3.16 dB

RF audio interference level = 28.25 dBV/m

Emission category: M4

MIF scaled E-field

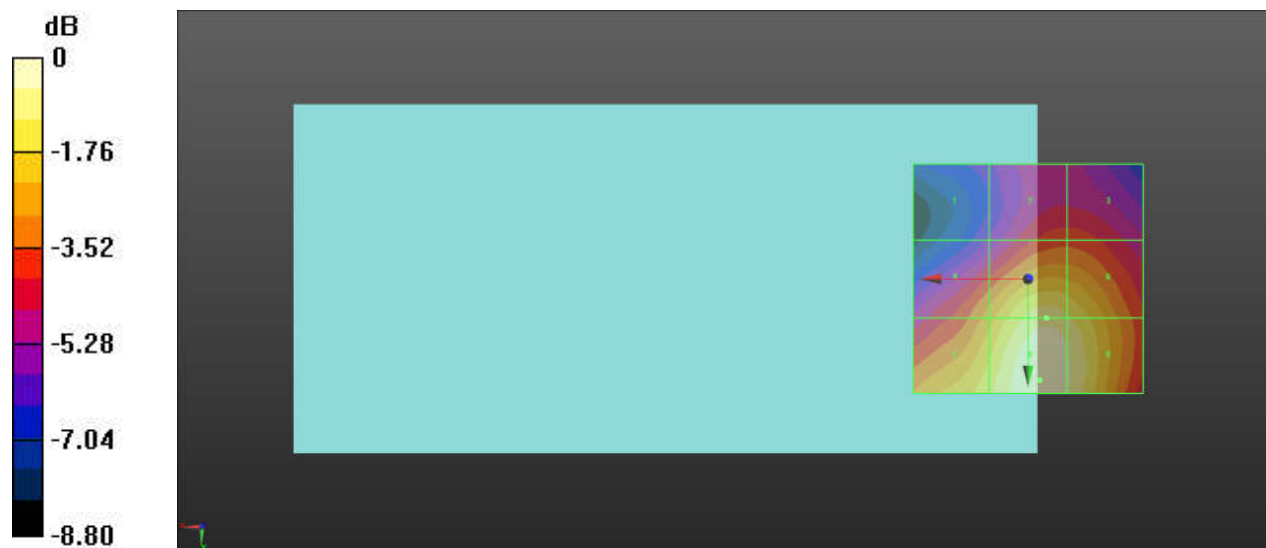
Grid 1 M4 22.51 dBV/m	Grid 2 M4 24.53 dBV/m	Grid 3 M4 24.53 dBV/m
Grid 4 M4 25.65 dBV/m	Grid 5 M4 27.47 dBV/m	Grid 6 M4 27.17 dBV/m
Grid 7 M4 26.95 dBV/m	Grid 8 M4 28.25 dBV/m	Grid 9 M4 27.79 dBV/m

Cursor:

Total = 28.25 dBV/m

E Category: M4

Location: -2.5, 22, 7.7 mm



Test Laboratory: SGS-SAR Lab

U680AA HAC-RF-WiFi 2.4G 802.11g 6CH

DUT: U680AA; Type: Smart Phone; Serial: 861745060002092

Communication System: UID 10013 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps);
Frequency: 2437 MHz; Duty Cycle: 1:8.8308

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 Sn1324; Calibrated: 2022-10-17
- 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 6 2/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 = 37.27 V/m; Power Drift = -0.04 dB

Applied MIF = -3.16 dB

RF audio interference level = 28.26 dBV/m

Emission category: M4

MIF scaled E-field

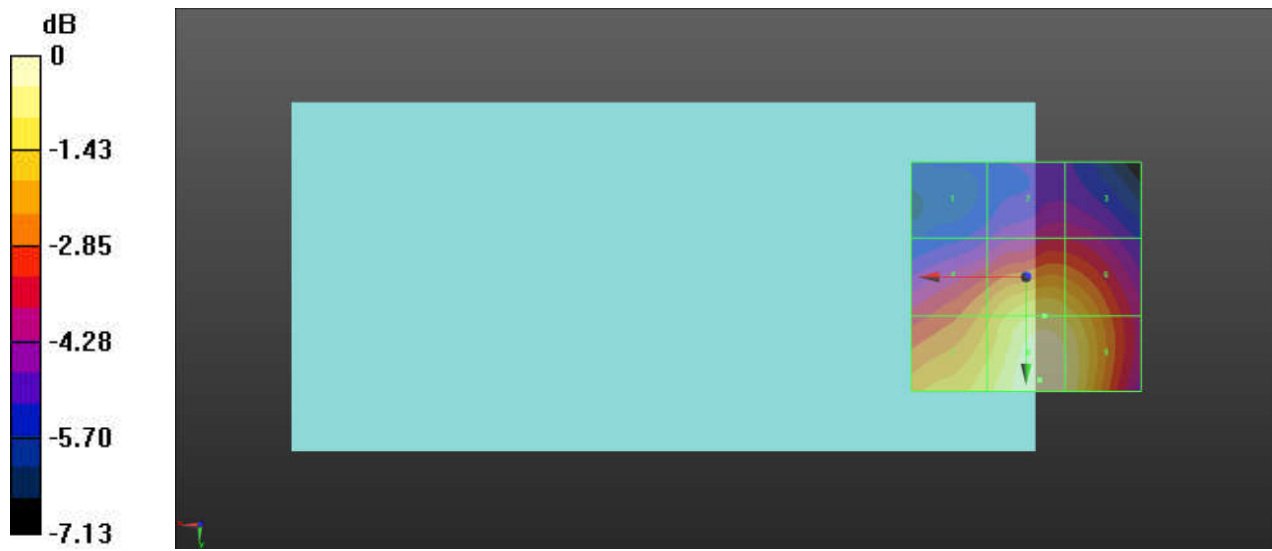
Grid 1 M4 23.44 dBV/m	Grid 2 M4 24.48 dBV/m	Grid 3 M4 24.45 dBV/m
Grid 4 M4 26.18 dBV/m	Grid 5 M4 27.46 dBV/m	Grid 6 M4 27.2 dBV/m
Grid 7 M4 27.2 dBV/m	Grid 8 M4 28.26 dBV/m	Grid 9 M4 27.87 dBV/m

Cursor:

Total = 28.26 dBV/m

E Category: M4

Location: -3, 22.5, 7.7 mm



Test Laboratory: SGS-SAR Lab

U680AA HAC-RF-WiFi 2.4G 802.11g 11CH

DUT: U680AA; Type: Smart Phone; Serial: 861745060002092

Communication System: UID 10013 - CAA, IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps);
Frequency: 2462 MHz; Duty Cycle: 1:8.8308

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 Sn1324; Calibrated: 2022-10-17
- 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 6 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 = 36.11 V/m; Power Drift = 0.06 dB

Applied MIF = -3.16 dB

RF audio interference level = 28.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.42 dBV/m	Grid 2 M4 24.44 dBV/m	Grid 3 M4 24.43 dBV/m
Grid 4 M4 25.59 dBV/m	Grid 5 M4 27.4 dBV/m	Grid 6 M4 27.14 dBV/m
Grid 7 M4 26.93 dBV/m	Grid 8 M4 28.2 dBV/m	Grid 9 M4 27.77 dBV/m

Cursor:

Total = 28.20 dBV/m

E Category: M4

Location: -3, 22, 7.7 mm

