Appendix B

Detailed Test Results

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

Date: 2023-05-20

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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

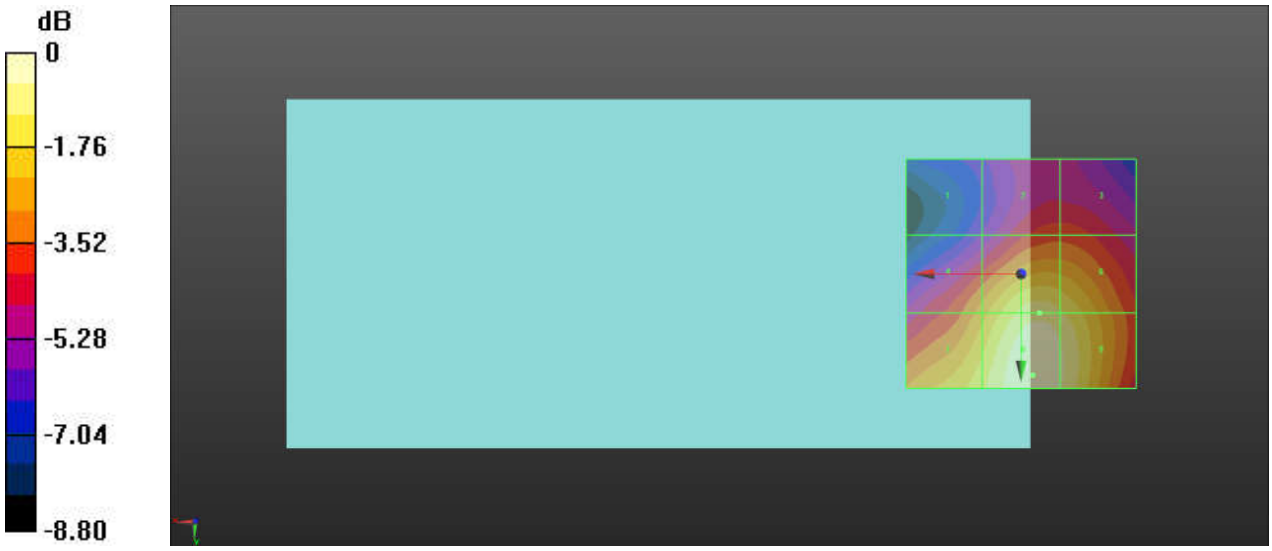
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2022-06-10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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



0 dB = 25.85 V/m = 28.25 dBV/m

Date: 2023-05-20

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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

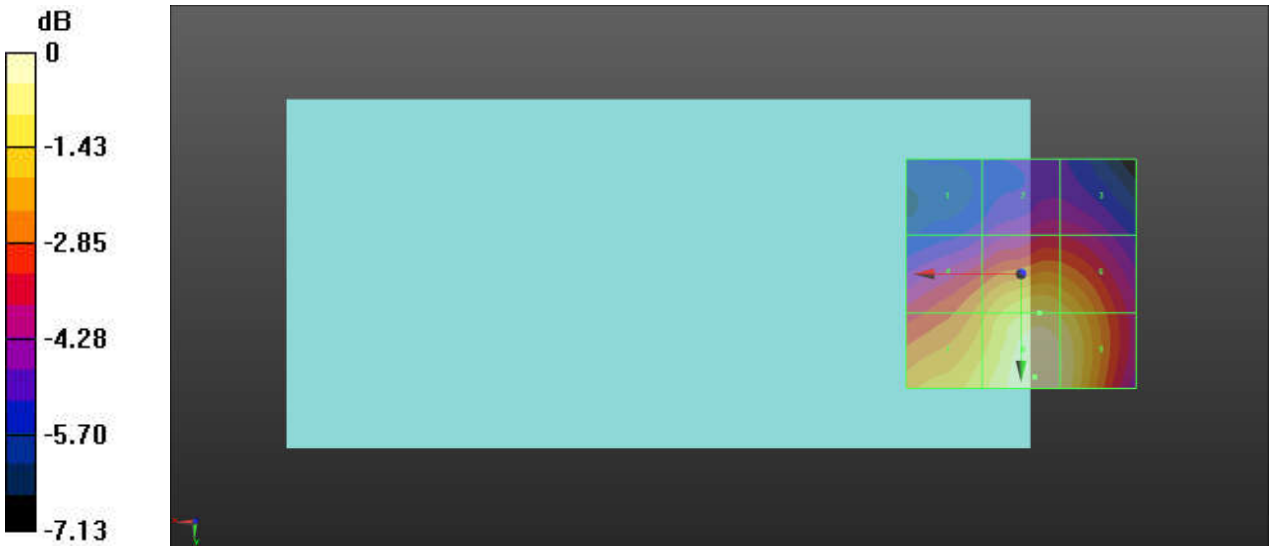
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2022-06-10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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



0 dB = 25.89 V/m = 28.26 dBV/m

Date: 2023-05-20

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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

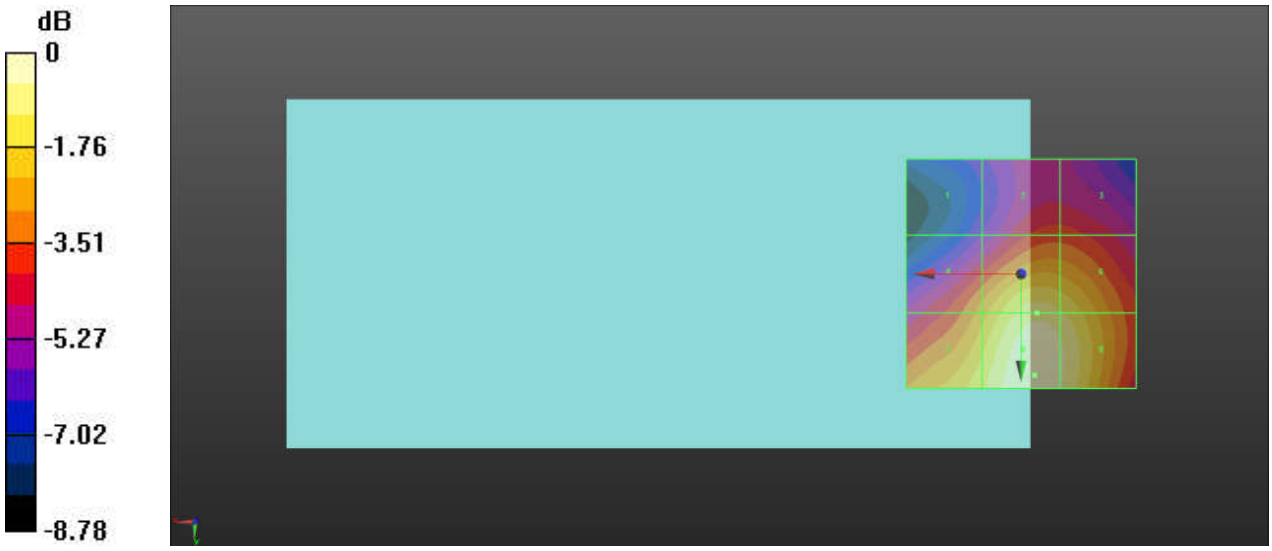
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2022-06-10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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



0 dB = 25.71 V/m = 28.20 dBV/m