Appendix B

Detailed Test Results

1. GSM
GSM850 for E-Field Emission
GSM1900 for E-Field Emission
2. LTE
LTE Band 41 for E-Field Emission
3.WIFI
WIFI 2.4G for E-Field Emission

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-GSM850 GSM Voice 128CH

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz;Duty Cycle: 1:8.6896

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

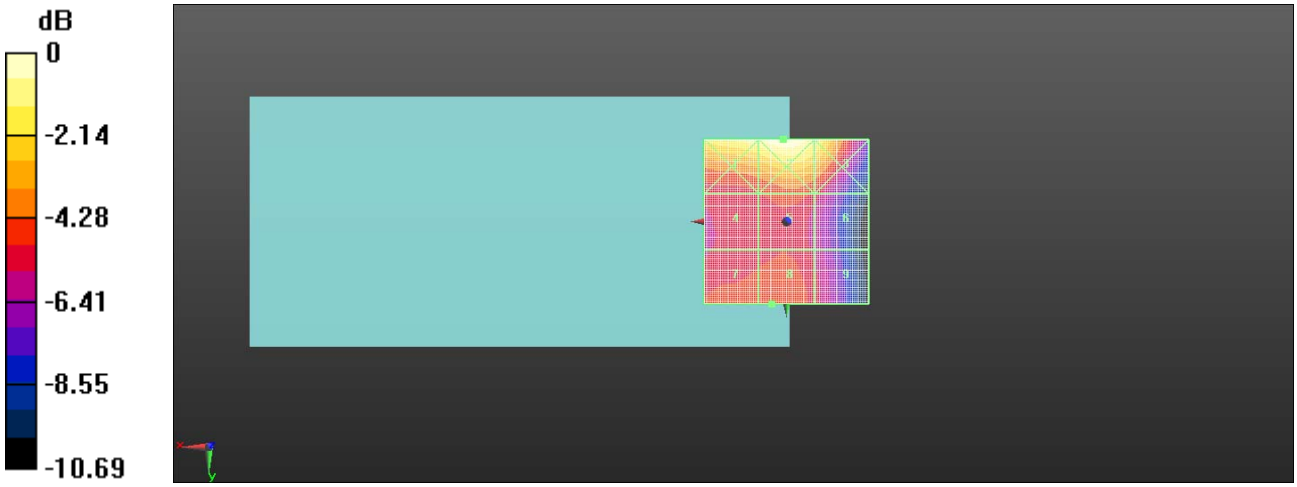
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 45.41 V/m; Power Drift = -0.00 dB
Applied MIF = 3.63 dB
RF audio interference level = 34.69 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **38.26 dBV/m**	Grid 2 **M4** **38.94 dBV/m**	Grid 3 **M4** **37.75 dBV/m**
Grid 4 **M4** **33.92 dBV/m**	Grid 5 **M4** **34.4 dBV/m**	Grid 6 **M4** **33.73 dBV/m**
Grid 7 **M4** **34.6 dBV/m**	Grid 8 **M4** **34.69 dBV/m**	Grid 9 **M4** **33.63 dBV/m**

Cursor:
Total = 38.94 dBV/m
E Category: M4
Location: 1, -25, 7.7 mm



0 dB = 88.39 V/m = 38.93 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-GSM850 GSM Voice 190CH

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz;Duty Cycle: 1:8.6896

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

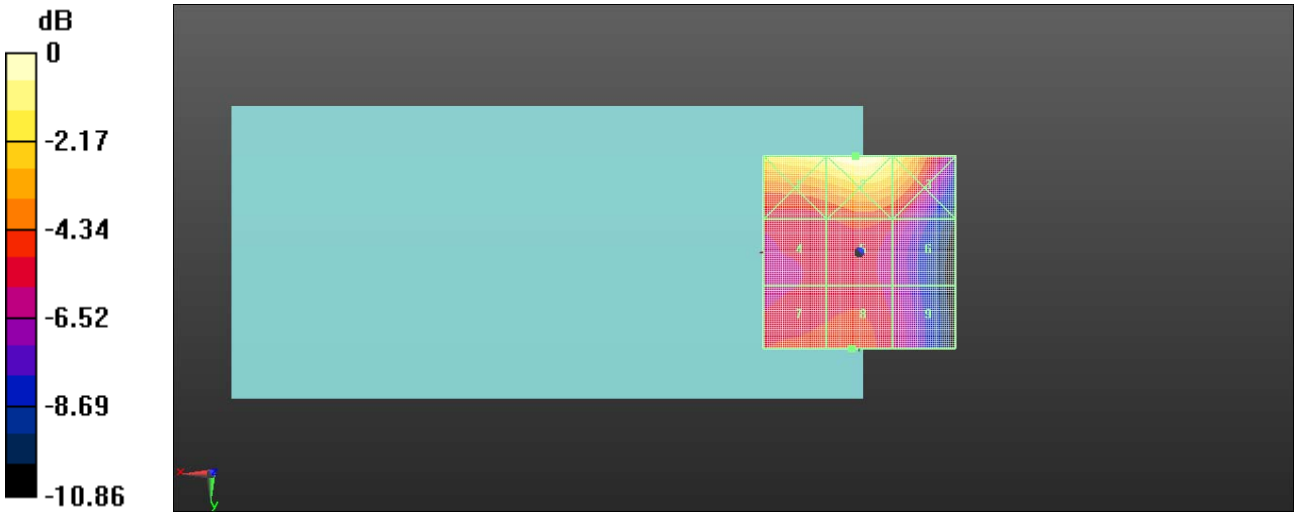
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 45.23 V/m; Power Drift = -0.17 dB
Applied MIF = 3.63 dB
RF audio interference level = 34.60 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **38.6 dBV/m**	Grid 2 **M4** **39.16 dBV/m**	Grid 3 **M4** **38.02 dBV/m**
Grid 4 **M4** **33.98 dBV/m**	Grid 5 **M4** **34.45 dBV/m**	Grid 6 **M4** **33.78 dBV/m**
Grid 7 **M4** **34.49 dBV/m**	Grid 8 **M4** **34.6 dBV/m**	Grid 9 **M4** **33.51 dBV/m**

Cursor:
Total = 39.16 dBV/m
E Category: M4
Location: 1, -25, 7.7 mm



0 dB = 90.61 V/m = 39.14 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-GSM850 GSM Voice 251CH

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz;Duty Cycle: 1:8.6896

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

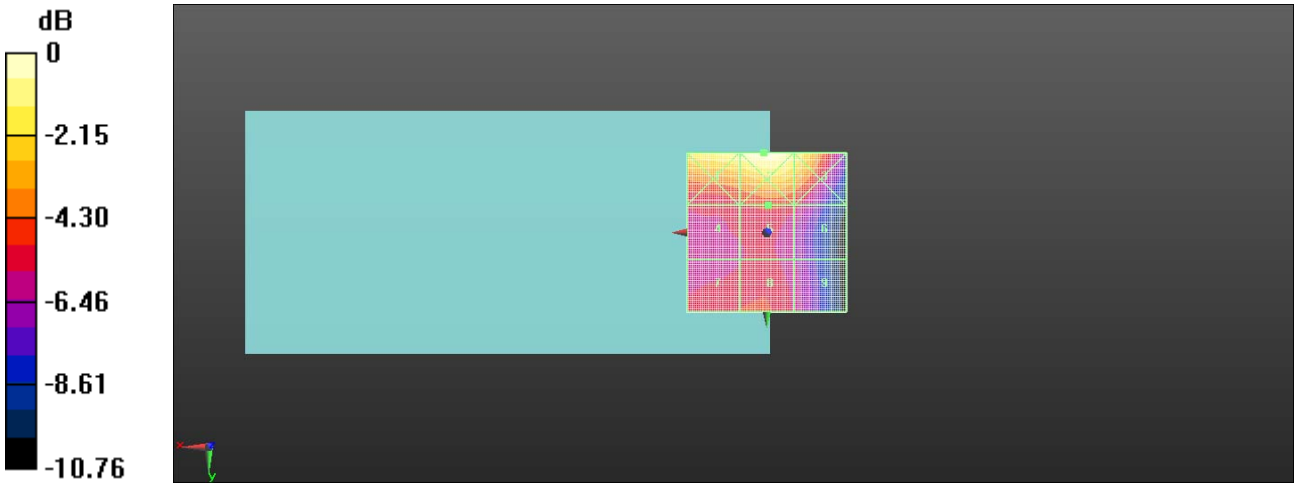
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 45.00 V/m; Power Drift = 0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 34.66 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **38.8 dBV/m**	Grid 2 **M4** **39.41 dBV/m**	Grid 3 **M4** **38.29 dBV/m**
Grid 4 **M4** **34.19 dBV/m**	Grid 5 **M4** **34.66 dBV/m**	Grid 6 **M4** **34.06 dBV/m**
Grid 7 **M4** **34.46 dBV/m**	Grid 8 **M4** **34.57 dBV/m**	Grid 9 **M4** **33.56 dBV/m**

Cursor:
Total = 39.41 dBV/m
E Category: M4
Location: 1, -25, 7.7 mm



0 dB = 93.31 V/m = 39.40 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-GSM1900 GSM Voice 512CH

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz;Duty Cycle: 1:8.6896

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

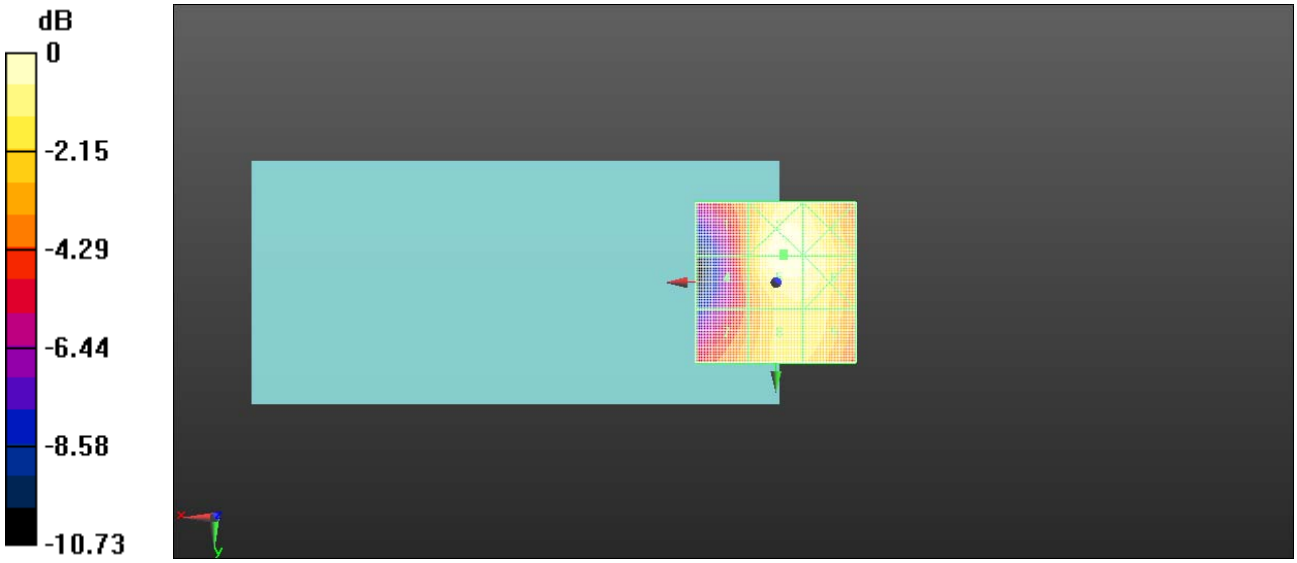
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 39.20 V/m; Power Drift = -0.10 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.32 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **30.28 dBV/m**	Grid 2 **M3** **33.33 dBV/m**	Grid 3 **M3** **32.93 dBV/m**
Grid 4 **M3** **30.31 dBV/m**	Grid 5 **M3** **33.32 dBV/m**	Grid 6 **M3** **32.93 dBV/m**
Grid 7 **M3** **30.32 dBV/m**	Grid 8 **M3** **31.86 dBV/m**	Grid 9 **M3** **31.84 dBV/m**

Cursor:
Total = 33.33 dBV/m
E Category: M3
Location: -2.5, -9, 8.7 mm



0 dB = 46.06 V/m = 33.27 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-GSM1900 GSM Voice 661CH

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz;Duty Cycle: 1:8.6896

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

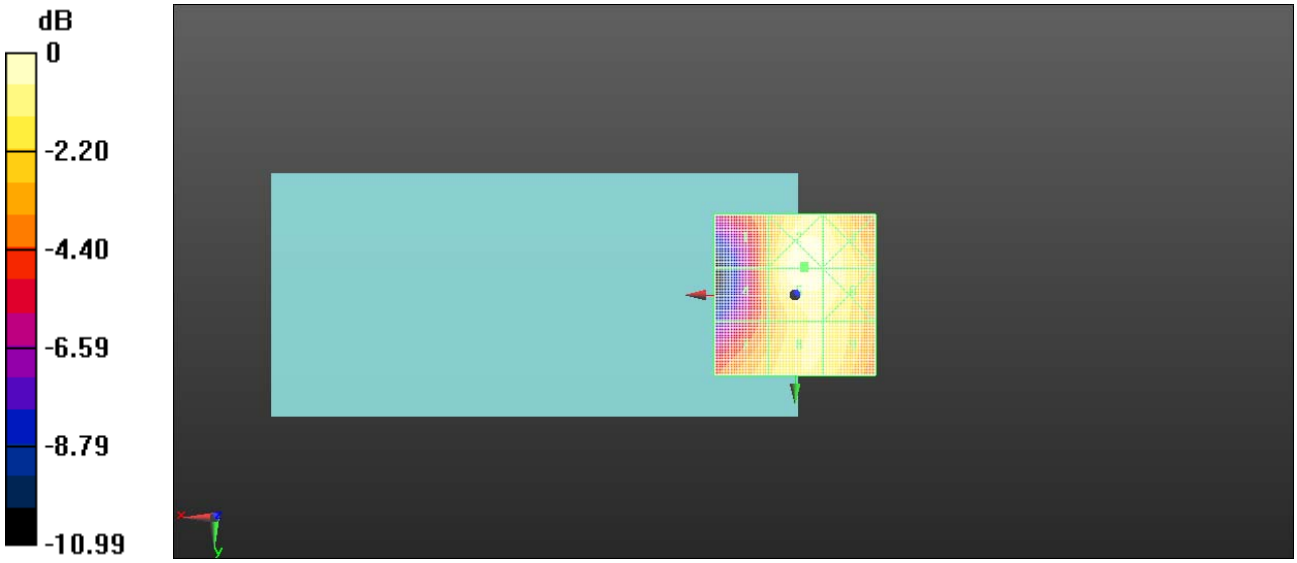
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 39.01 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.25 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **30.2 dBV/m**	Grid 2 **M3** **33.25 dBV/m**	Grid 3 **M3** **32.91 dBV/m**
Grid 4 **M3** **30.23 dBV/m**	Grid 5 **M3** **33.25 dBV/m**	Grid 6 **M3** **32.91 dBV/m**
Grid 7 **M3** **30.89 dBV/m**	Grid 8 **M3** **31.88 dBV/m**	Grid 9 **M3** **31.84 dBV/m**

Cursor:
Total = 33.25 dBV/m
E Category: M3
Location: -3, -9, 8.7 mm



0 dB = 45.86 V/m = 33.23 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-GSM1900 GSM Voice 810CH

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz;Duty Cycle: 1:8.6896

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

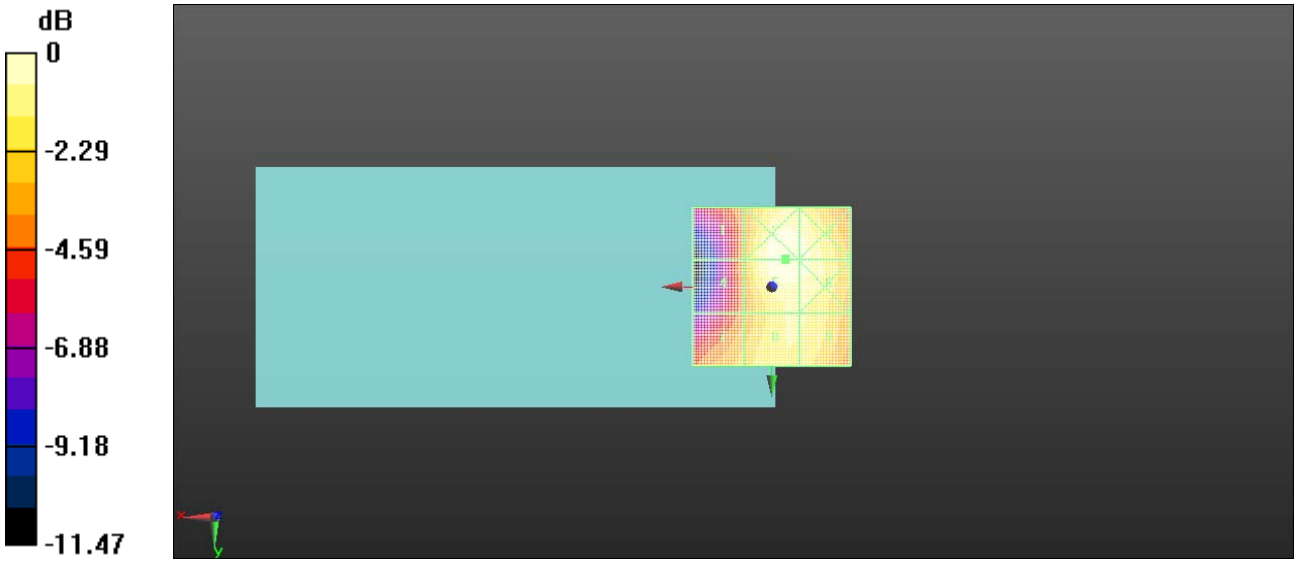
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 38.33 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.30 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **29.9 dBV/m**	Grid 2 **M3** **33.3 dBV/m**	Grid 3 **M3** **33.02 dBV/m**
Grid 4 **M4** **29.94 dBV/m**	Grid 5 **M3** **33.3 dBV/m**	Grid 6 **M3** **33.02 dBV/m**
Grid 7 **M3** **30.71 dBV/m**	Grid 8 **M3** **31.88 dBV/m**	Grid 9 **M3** **31.88 dBV/m**

Cursor:
Total = 33.30 dBV/m
E Category: M3
Location: -4.5, -9, 8.7 mm



0 dB = 46.19 V/m = 33.29 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-LTE Band 41 PC3 20M QPSK 1RB0 39750CH

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2506 MHz;Duty Cycle: 1:8.33681

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

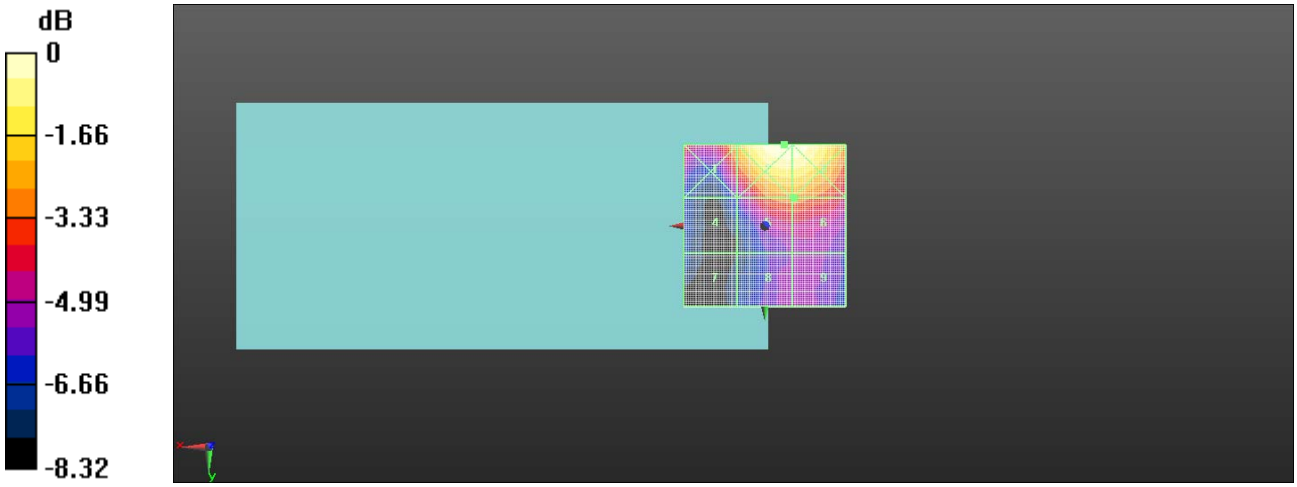
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 10.07 V/m; Power Drift = 0.01 dB
Applied MIF = -1.62 dB
RF audio interference level = 19.81 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.5 dBV/m**	Grid 2 **M4** **22.76 dBV/m**	Grid 3 **M4** **22.7 dBV/m**
Grid 4 **M4** **17.02 dBV/m**	Grid 5 **M4** **19.81 dBV/m**	Grid 6 **M4** **19.81 dBV/m**
Grid 7 **M4** **15.96 dBV/m**	Grid 8 **M4** **17.51 dBV/m**	Grid 9 **M4** **17.58 dBV/m**

Cursor:
Total = 22.76 dBV/m
E Category: M4
Location: -6, -25, 7.7 mm



0 dB = 13.73 V/m = 22.75 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-LTE Band 41 PC3 20M QPSK 1RB0 40185CH

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2549.5 MHz;Duty Cycle: 1:8.33681

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

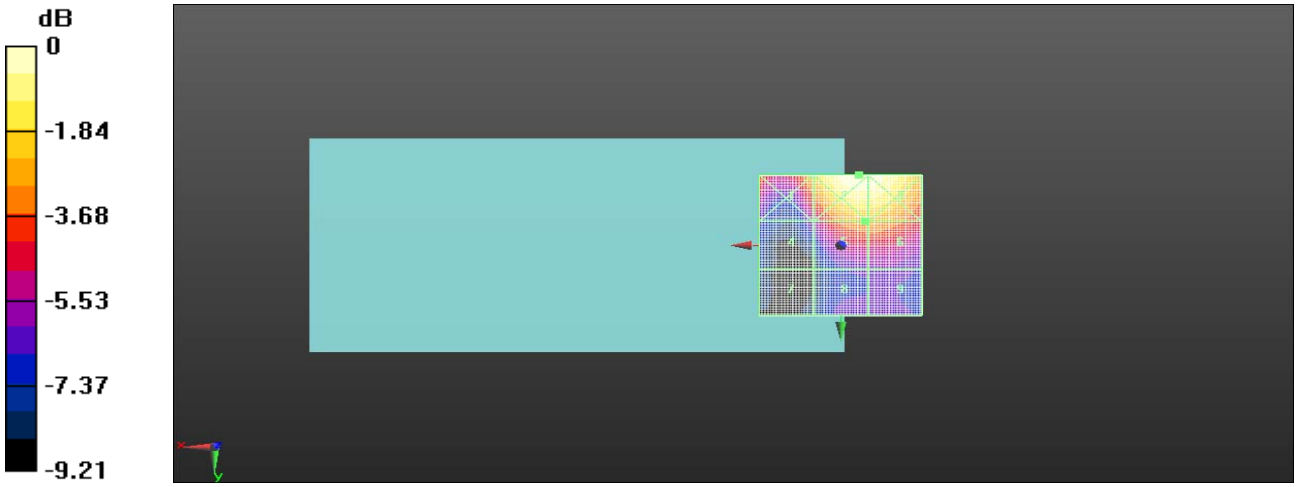
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 11.23 V/m; Power Drift = -0.07 dB
Applied MIF = -1.62 dB
RF audio interference level = 20.54 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.12 dBV/m**	Grid 2 **M4** **23.38 dBV/m**	Grid 3 **M4** **23.24 dBV/m**
Grid 4 **M4** **17.88 dBV/m**	Grid 5 **M4** **20.54 dBV/m**	Grid 6 **M4** **20.54 dBV/m**
Grid 7 **M4** **15.96 dBV/m**	Grid 8 **M4** **17.29 dBV/m**	Grid 9 **M4** **17.34 dBV/m**

Cursor:
Total = 23.38 dBV/m
E Category: M4
Location: -5.5, -25, 7.7 mm



0 dB = 14.76 V/m = 23.38 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-LTE Band 41 PC3 20M QPSK 1RB0 40620CH

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2593 MHz;Duty Cycle: 1:8.33681

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

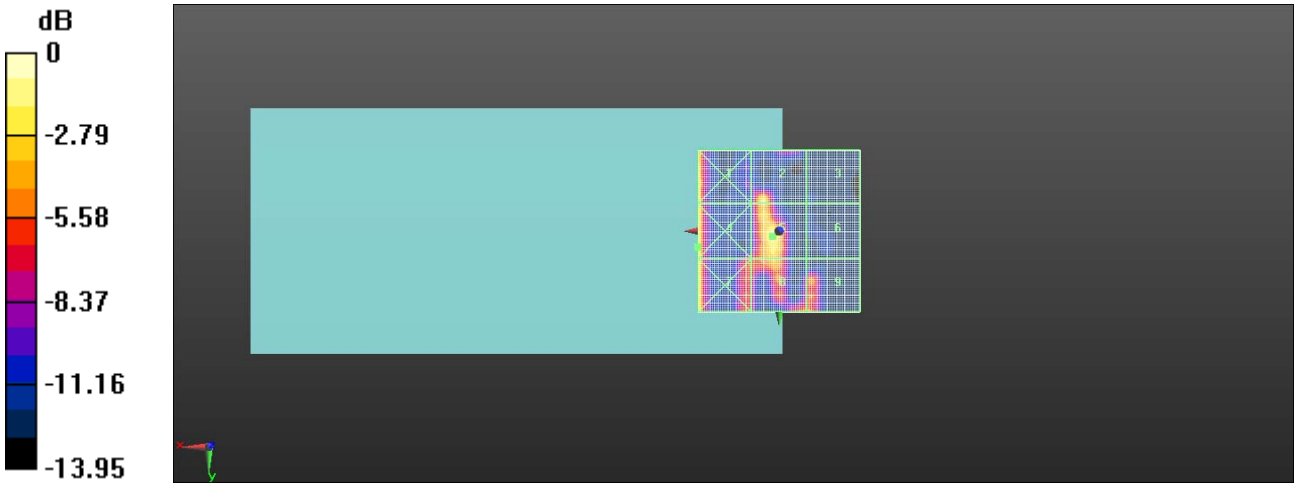
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 8.100 V/m; Power Drift = -0.05 dB
Applied MIF = -1.62 dB
RF audio interference level = 20.08 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.08 dBV/m**	Grid 2 **M4** **19.25 dBV/m**	Grid 3 **M4** **9.5 dBV/m**
Grid 4 **M4** **21.34 dBV/m**	Grid 5 **M4** **20.08 dBV/m**	Grid 6 **M4** **9.72 dBV/m**
Grid 7 **M4** **21.25 dBV/m**	Grid 8 **M4** **18.09 dBV/m**	Grid 9 **M4** **16.98 dBV/m**

Cursor:
Total = 21.34 dBV/m
E Category: M4
Location: 25, 5, 7.7 mm



0 dB = 11.66 V/m = 21.33 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-LTE Band 41 PC3 20M QPSK 1RB0 41055CH

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2636.5 MHz;Duty Cycle: 1:8.33681

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

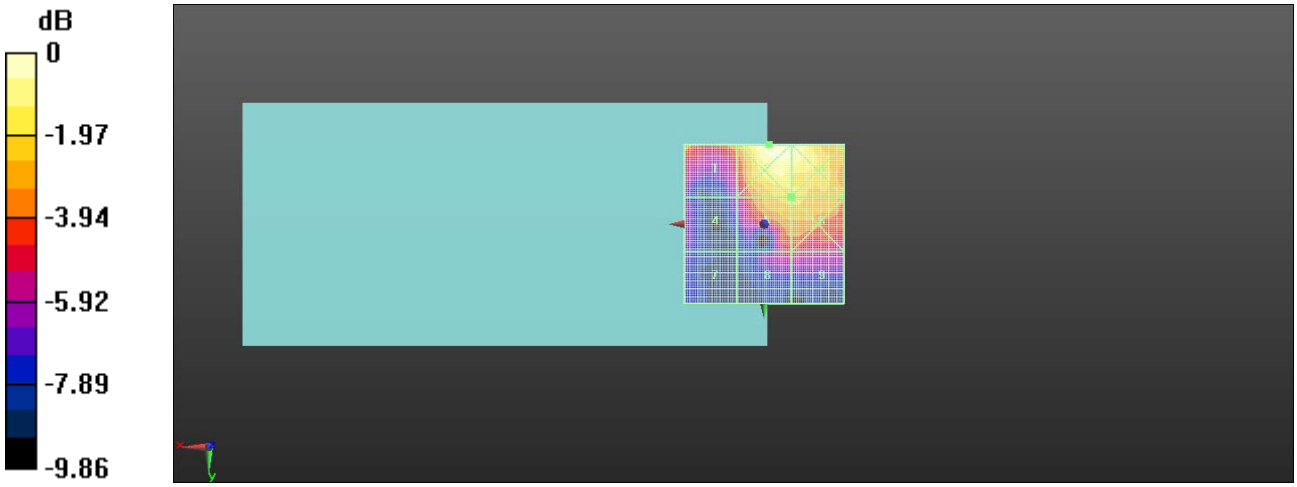
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 11.63 V/m; Power Drift = 0.02 dB
Applied MIF = -1.62 dB
RF audio interference level = 20.17 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.85 dBV/m**	Grid 2 **M4** **22.45 dBV/m**	Grid 3 **M4** **22.31 dBV/m**
Grid 4 **M4** **16.44 dBV/m**	Grid 5 **M4** **20.17 dBV/m**	Grid 6 **M4** **20.19 dBV/m**
Grid 7 **M4** **15.77 dBV/m**	Grid 8 **M4** **17.38 dBV/m**	Grid 9 **M4** **17.35 dBV/m**

Cursor:
Total = 22.45 dBV/m
E Category: M4
Location: -1.5, -25, 7.7 mm



0 dB = 13.01 V/m = 22.29 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-LTE Band 41 PC3 20M QPSK 1RB0 41490CH

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2680 MHz;Duty Cycle: 1:8.33681

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

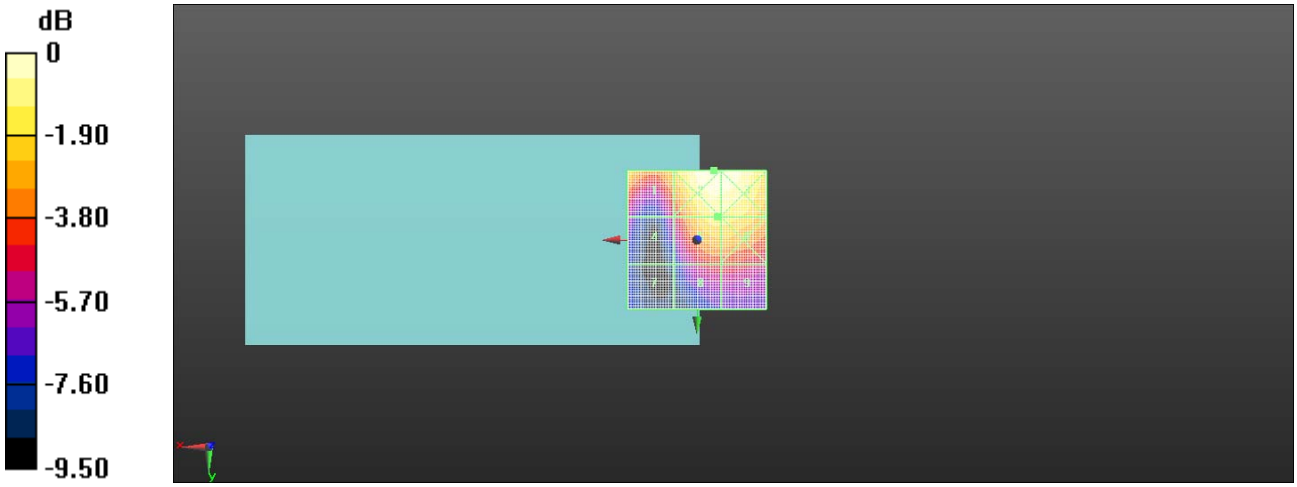
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 14.45 V/m; Power Drift = -0.02 dB
Applied MIF = -1.62 dB
RF audio interference level = 21.49 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.39 dBV/m**	Grid 2 **M4** **22.9 dBV/m**	Grid 3 **M4** **22.79 dBV/m**
Grid 4 **M4** **17.73 dBV/m**	Grid 5 **M4** **21.49 dBV/m**	Grid 6 **M4** **21.48 dBV/m**
Grid 7 **M4** **16.07 dBV/m**	Grid 8 **M4** **18.57 dBV/m**	Grid 9 **M4** **18.57 dBV/m**

Cursor:
Total = 22.90 dBV/m
E Category: M4
Location: -6, -25, 7.7 mm



0 dB = 13.94 V/m = 22.89 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-LTE Band 41 PC2 20M QPSK 1RB0 39750CH

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2506 MHz;Duty Cycle: 1:8.33681

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

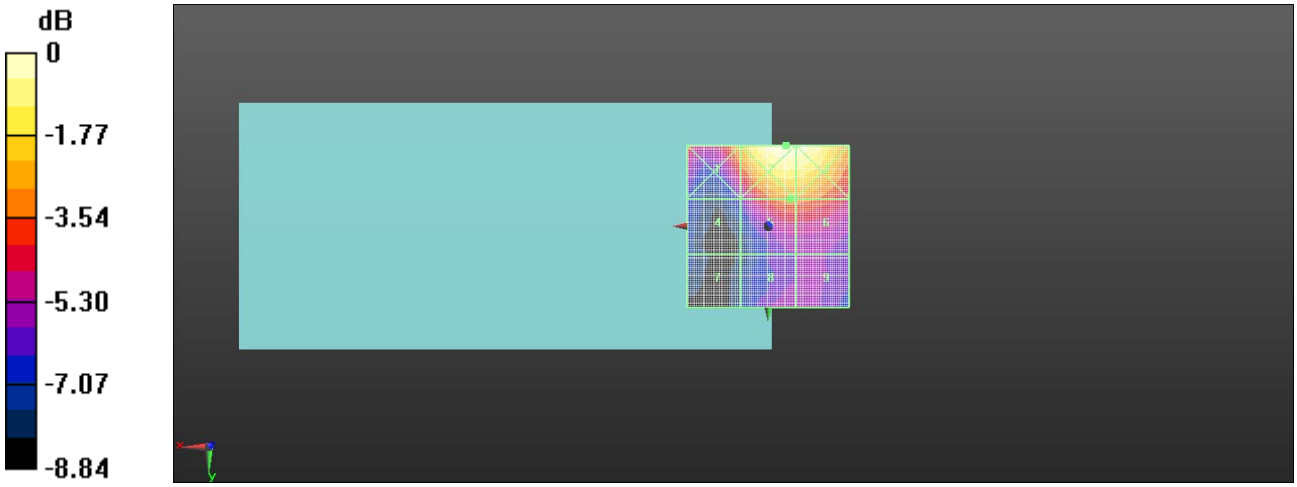
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 11.39 V/m; Power Drift = -0.10 dB
Applied MIF = -1.62 dB
RF audio interference level = 20.86 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.54 dBV/m**	Grid 2 **M4** **24 dBV/m**	Grid 3 **M4** **23.87 dBV/m**
Grid 4 **M4** **17.96 dBV/m**	Grid 5 **M4** **20.86 dBV/m**	Grid 6 **M4** **20.83 dBV/m**
Grid 7 **M4** **16.95 dBV/m**	Grid 8 **M4** **18.33 dBV/m**	Grid 9 **M4** **18.38 dBV/m**

Cursor:
Total = 24.00 dBV/m
E Category: M4
Location: -5.5, -25, 7.7 mm



0 dB = 15.84 V/m = 24.00 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-LTE Band 41 PC2 20M QPSK 1RB0 40185CH

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2549.5 MHz;Duty Cycle: 1:8.33681

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

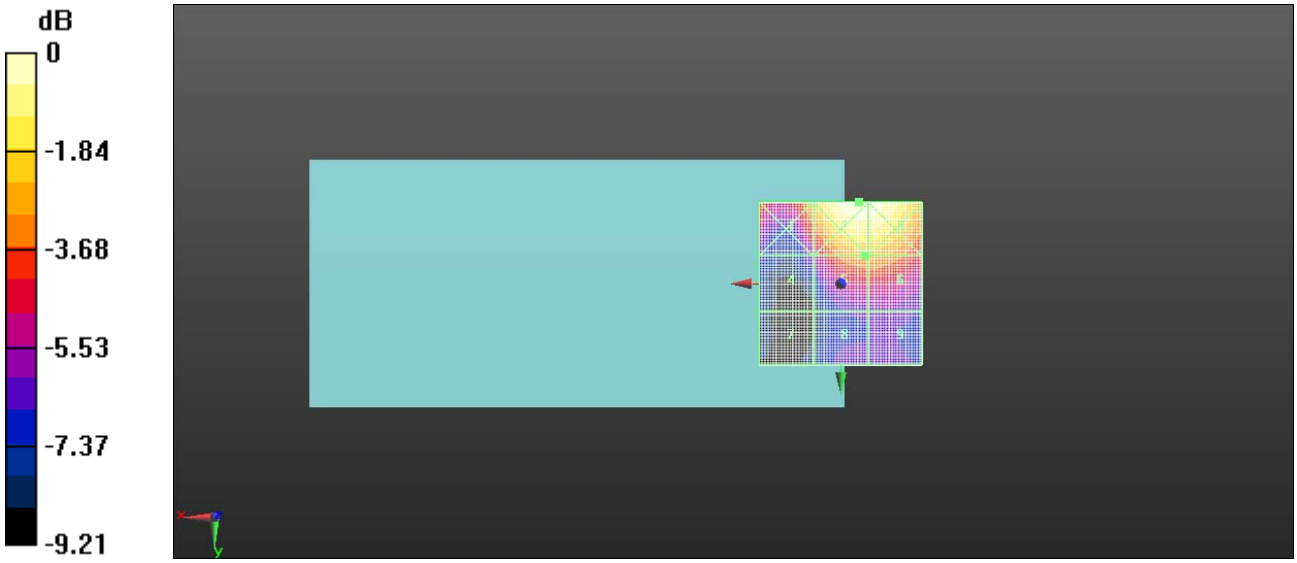
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 12.95 V/m; Power Drift = -0.09 dB
Applied MIF = -1.62 dB
RF audio interference level = 21.73 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.18 dBV/m**	Grid 2 **M4** **24.5 dBV/m**	Grid 3 **M4** **24.38 dBV/m**
Grid 4 **M4** **18.7 dBV/m**	Grid 5 **M4** **21.73 dBV/m**	Grid 6 **M4** **21.72 dBV/m**
Grid 7 **M4** **16.86 dBV/m**	Grid 8 **M4** **18.38 dBV/m**	Grid 9 **M4** **18.51 dBV/m**

Cursor:
Total = 24.50 dBV/m
E Category: M4
Location: -5.5, -25, 7.7 mm



0 dB = 16.77 V/m = 24.49 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-LTE Band 41 PC2 20M QPSK 1RB0 40620CH

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2593 MHz;Duty Cycle: 1:8.33681

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

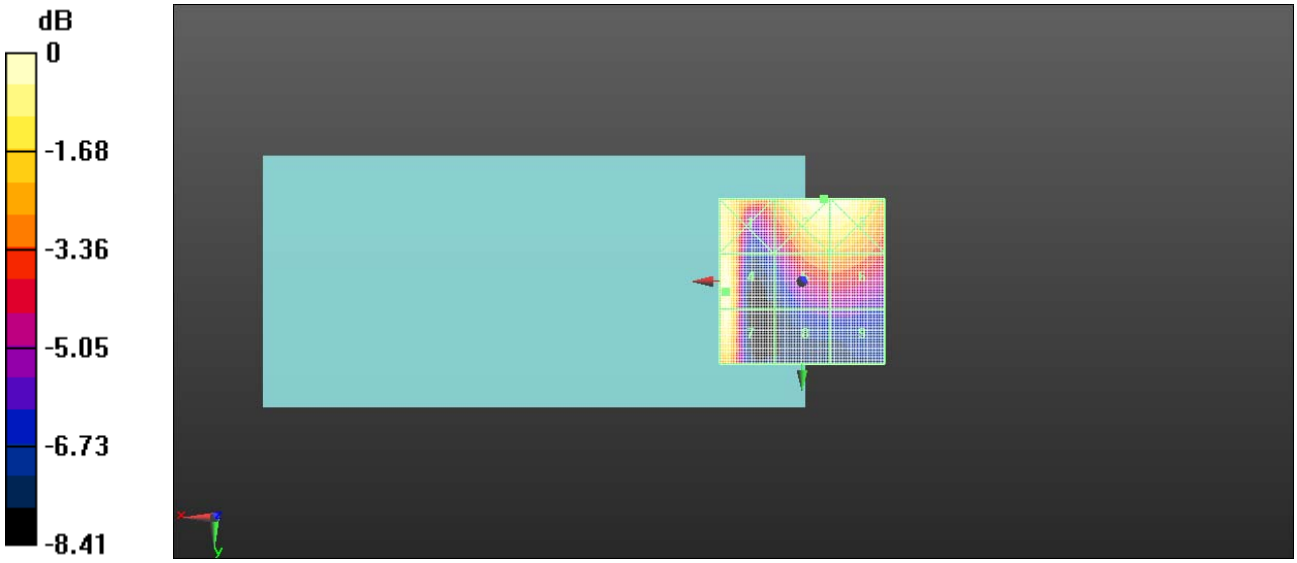
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 15.47 V/m; Power Drift = -0.04 dB
Applied MIF = -1.62 dB
RF audio interference level = 24.69 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.34 dBV/m**	Grid 2 **M4** **24.81 dBV/m**	Grid 3 **M4** **24.77 dBV/m**
Grid 4 **M4** **24.69 dBV/m**	Grid 5 **M4** **22.42 dBV/m**	Grid 6 **M4** **22.43 dBV/m**
Grid 7 **M4** **24.64 dBV/m**	Grid 8 **M4** **18.97 dBV/m**	Grid 9 **M4** **18.99 dBV/m**

Cursor:
Total = 24.81 dBV/m
E Category: M4
Location: -6.5, -25, 7.7 mm



0 dB = 17.31 V/m = 24.77 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-LTE Band 41 PC2 20M QPSK 1RB0 41055CH

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2636.5 MHz;Duty Cycle: 1:8.33681

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

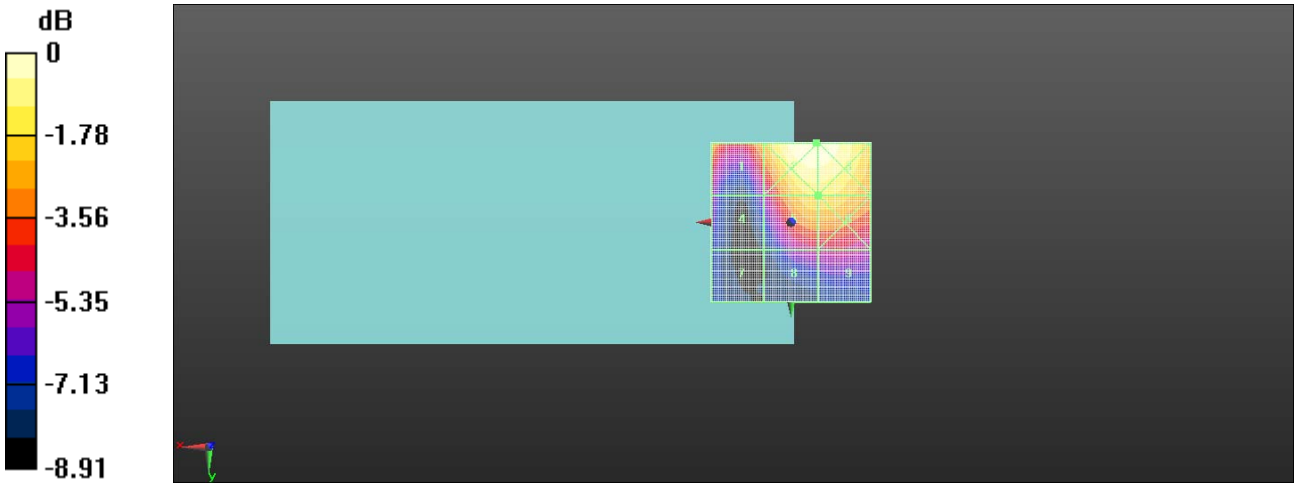
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 15.12 V/m; Power Drift = -0.11 dB
Applied MIF = -1.62 dB
RF audio interference level = 22.31 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.68 dBV/m**	Grid 2 **M4** **23.99 dBV/m**	Grid 3 **M4** **23.99 dBV/m**
Grid 4 **M4** **18.77 dBV/m**	Grid 5 **M4** **22.31 dBV/m**	Grid 6 **M4** **22.31 dBV/m**
Grid 7 **M4** **17.34 dBV/m**	Grid 8 **M4** **18.95 dBV/m**	Grid 9 **M4** **19.2 dBV/m**

Cursor:
Total = 23.99 dBV/m
E Category: M4
Location: -8, -25, 7.7 mm



0 dB = 15.74 V/m = 23.94 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-LTE Band 41 PC2 20M QPSK 1RB0 41490CH

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2680 MHz;Duty Cycle: 1:8.33681

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

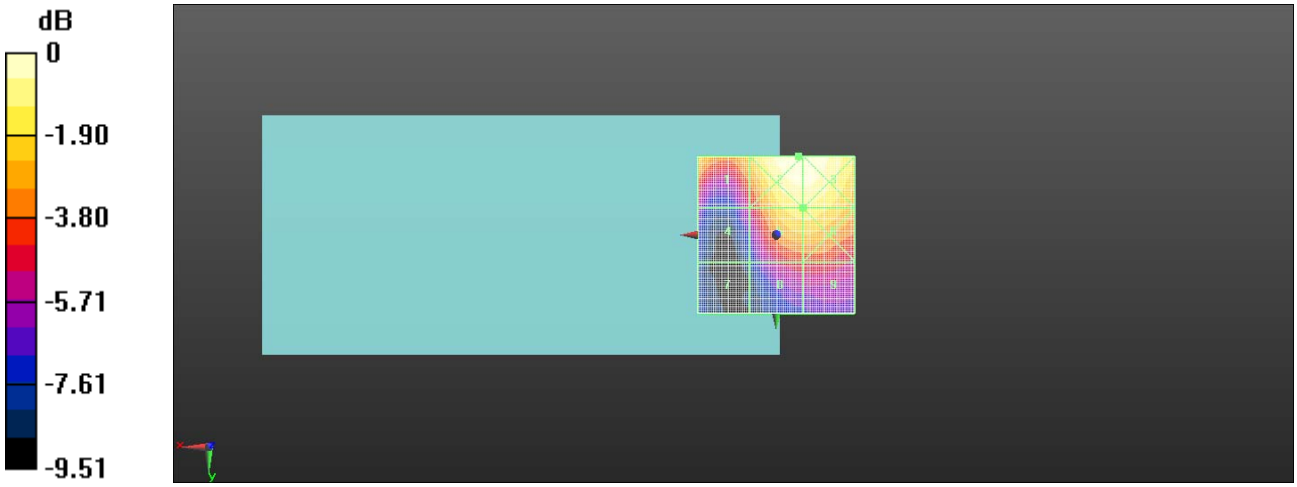
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 16.46 V/m; Power Drift = -0.04 dB
Applied MIF = -1.62 dB
RF audio interference level = 22.66 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.4 dBV/m**	Grid 2 **M4** **24.08 dBV/m**	Grid 3 **M4** **24.06 dBV/m**
Grid 4 **M4** **18.87 dBV/m**	Grid 5 **M4** **22.66 dBV/m**	Grid 6 **M4** **22.67 dBV/m**
Grid 7 **M4** **16.67 dBV/m**	Grid 8 **M4** **19.69 dBV/m**	Grid 9 **M4** **19.78 dBV/m**

Cursor:
Total = 24.08 dBV/m
E Category: M4
Location: -7, -25, 7.7 mm



0 dB = 15.93 V/m = 24.04 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11b 1CH Ant9

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps);

Frequency: 2412 MHz;Duty Cycle: 1:2.29087

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

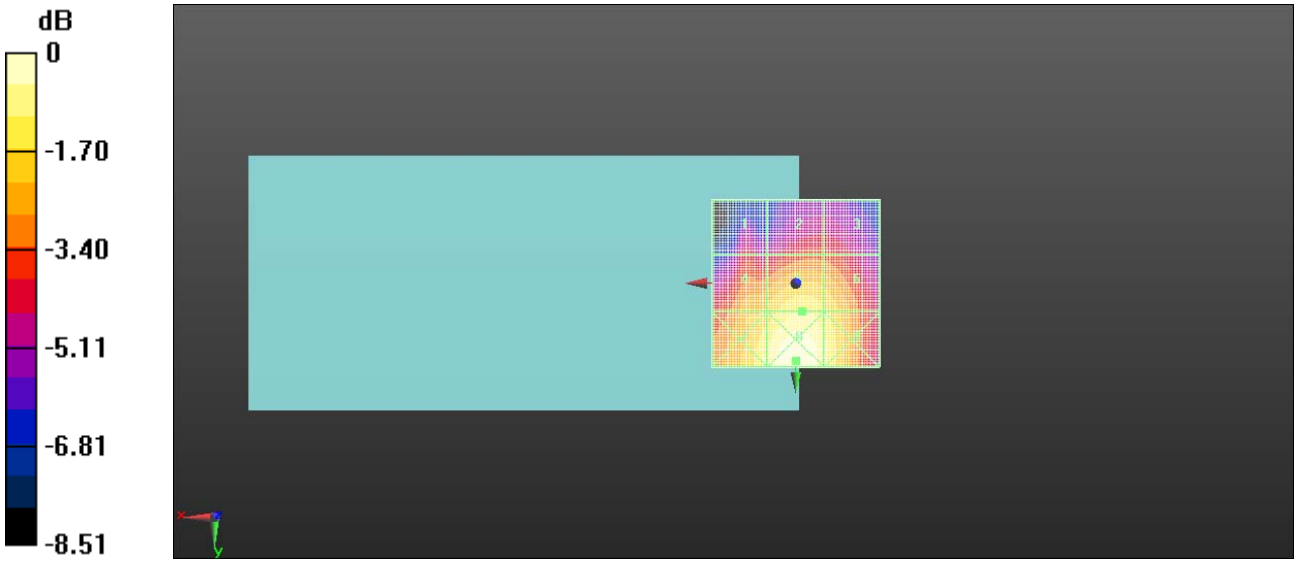
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 30.17 V/m; Power Drift = -0.16 dB
Applied MIF = -2.02 dB
RF audio interference level = 26.23 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.28 dBV/m**	Grid 2 **M4** **23.77 dBV/m**	Grid 3 **M4** **23.71 dBV/m**
Grid 4 **M4** **25.3 dBV/m**	Grid 5 **M4** **26.23 dBV/m**	Grid 6 **M4** **25.81 dBV/m**
Grid 7 **M4** **26.43 dBV/m**	Grid 8 **M4** **27.38 dBV/m**	Grid 9 **M4** **26.42 dBV/m**

Cursor:
Total = 27.38 dBV/m
E Category: M4
Location: 0, 23, 8.7 mm



0 dB = 23.30 V/m = 27.35 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11b 6CH Ant9

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps);

Frequency: 2437 MHz;Duty Cycle: 1:2.29087

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

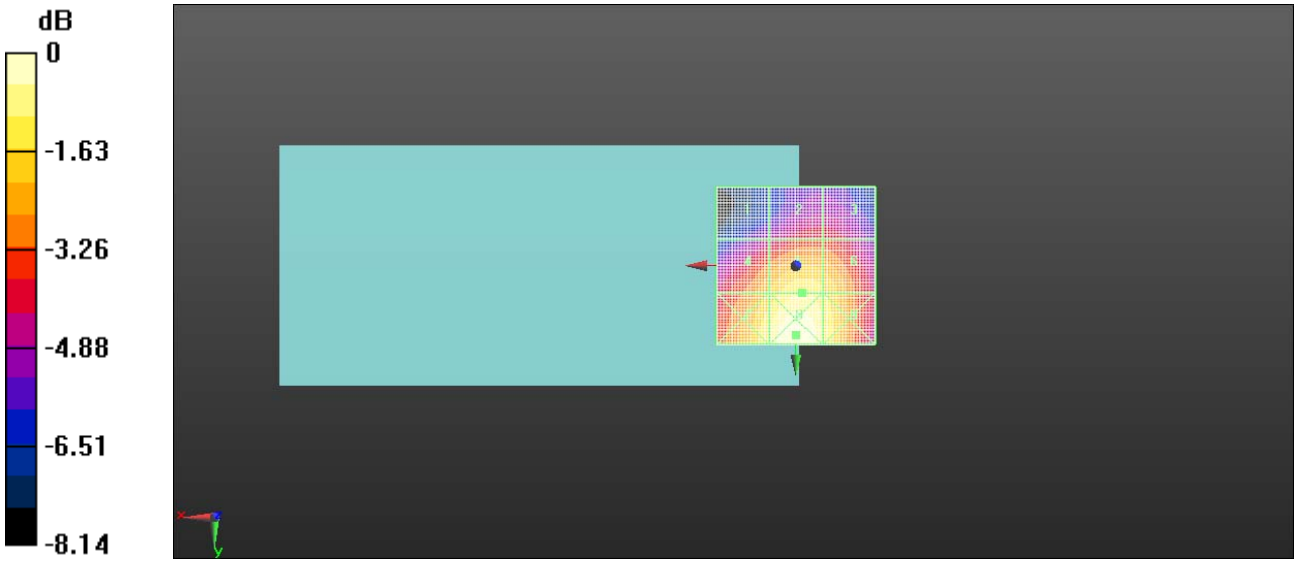
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 17.94 V/m; Power Drift = -0.06 dB
Applied MIF = -2.02 dB
RF audio interference level = 21.84 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.05 dBV/m**	Grid 2 **M4** **19.22 dBV/m**	Grid 3 **M4** **19.19 dBV/m**
Grid 4 **M4** **20.86 dBV/m**	Grid 5 **M4** **21.84 dBV/m**	Grid 6 **M4** **21.43 dBV/m**
Grid 7 **M4** **21.97 dBV/m**	Grid 8 **M4** **22.95 dBV/m**	Grid 9 **M4** **21.99 dBV/m**

Cursor:
Total = 22.95 dBV/m
E Category: M4
Location: 0, 22, 8.7 mm



0 dB = 13.99 V/m = 22.92 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11b 11CH Ant9

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps);

Frequency: 2462 MHz;Duty Cycle: 1:2.29087

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

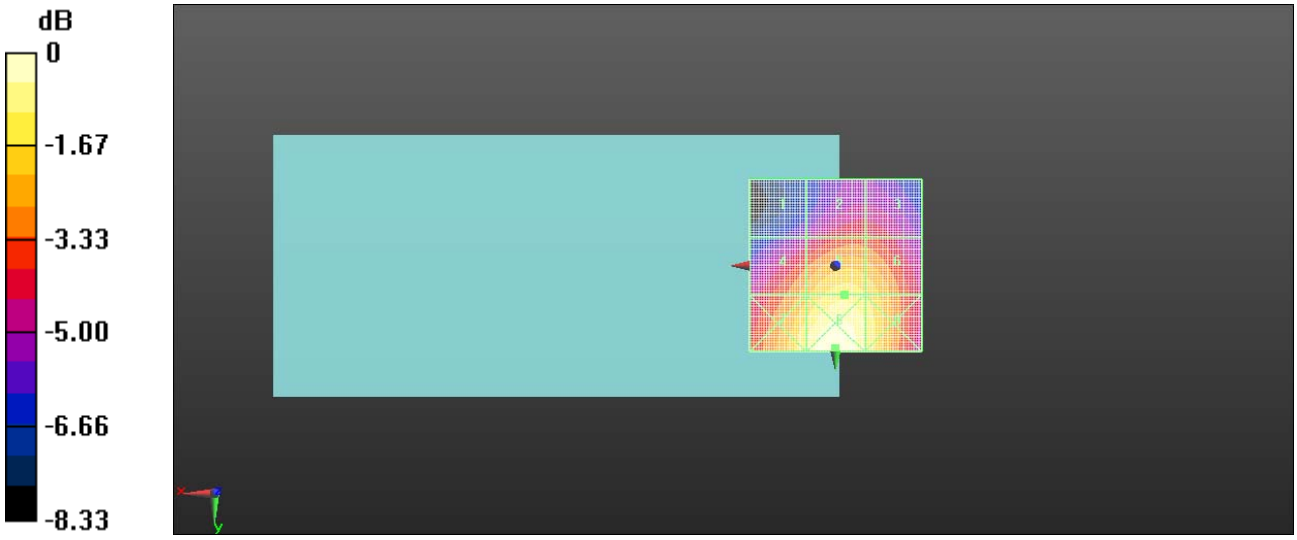
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 25.97 V/m; Power Drift = 0.03 dB
Applied MIF = -2.02 dB
RF audio interference level = 25.06 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.2 dBV/m**	Grid 2 **M4** **22.63 dBV/m**	Grid 3 **M4** **22.6 dBV/m**
Grid 4 **M4** **23.95 dBV/m**	Grid 5 **M4** **25.06 dBV/m**	Grid 6 **M4** **24.72 dBV/m**
Grid 7 **M4** **25.34 dBV/m**	Grid 8 **M4** **26.35 dBV/m**	Grid 9 **M4** **25.36 dBV/m**

Cursor:
Total = 26.35 dBV/m
E Category: M4
Location: 0, 24, 8.7 mm



0 dB = 20.76 V/m = 26.34 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11g 1CH Ant9

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);

Frequency: 2412 MHz;Duty Cycle: 1:12.5893

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

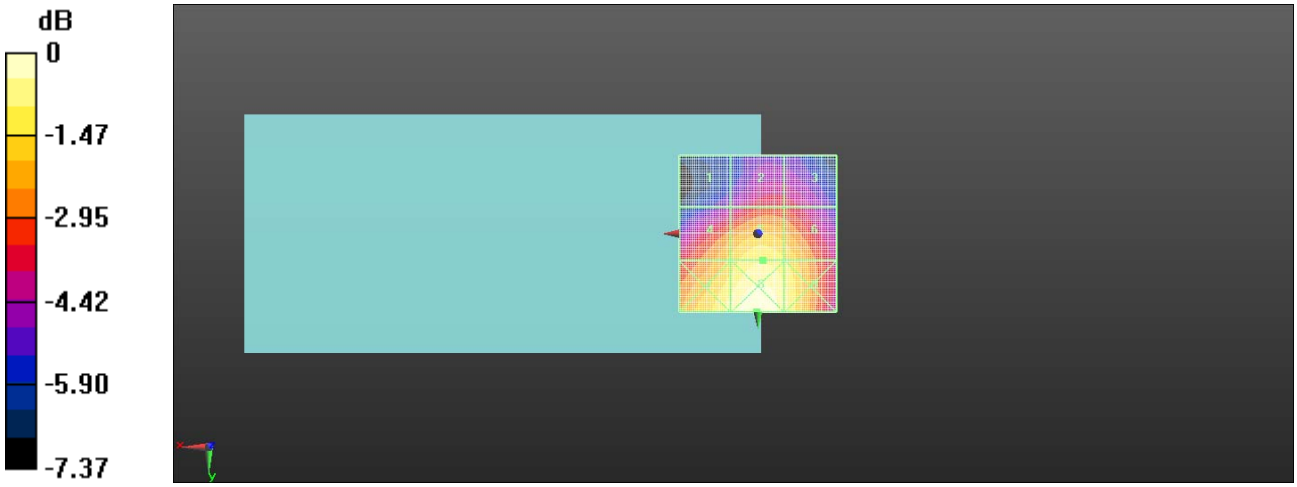
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 28.36 V/m; Power Drift = -0.08 dB
Applied MIF = 0.12 dB
RF audio interference level = 27.50 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.93 dBV/m**	Grid 2 **M4** **25.17 dBV/m**	Grid 3 **M4** **25.05 dBV/m**
Grid 4 **M4** **26.75 dBV/m**	Grid 5 **M4** **27.5 dBV/m**	Grid 6 **M4** **27.1 dBV/m**
Grid 7 **M4** **27.83 dBV/m**	Grid 8 **M4** **28.52 dBV/m**	Grid 9 **M4** **27.67 dBV/m**

Cursor:
Total = 28.52 dBV/m
E Category: M4
Location: 0.5, 25, 7.7 mm



0 dB = 26.67 V/m = 28.52 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11g 6CH Ant9

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);

Frequency: 2437 MHz;Duty Cycle: 1:12.5893

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

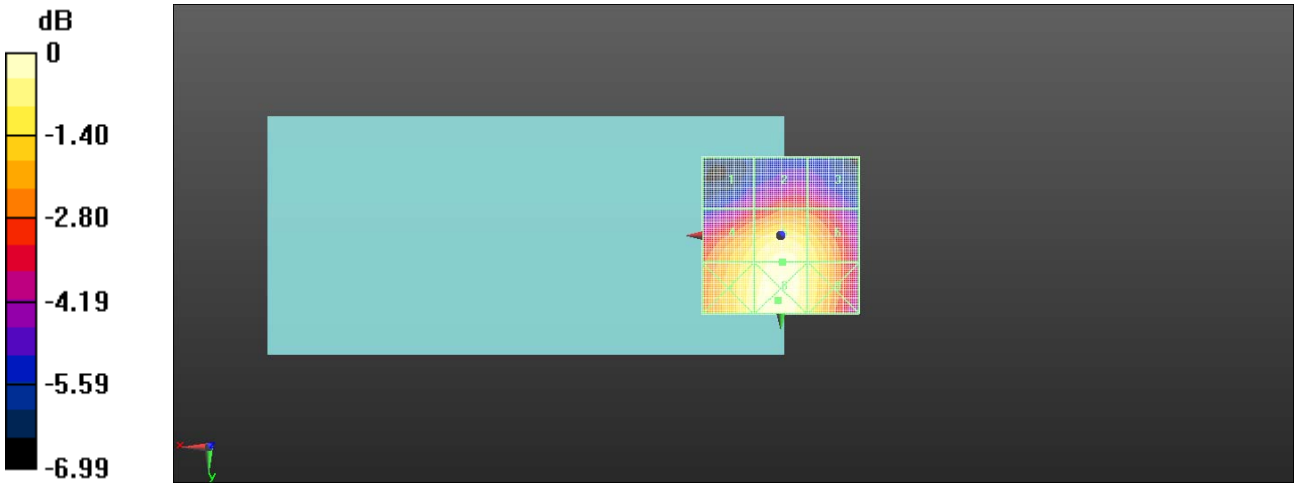
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 19.45 V/m; Power Drift = -0.00 dB
Applied MIF = 0.12 dB
RF audio interference level = 23.72 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.31 dBV/m**	Grid 2 **M4** **21.21 dBV/m**	Grid 3 **M4** **21.02 dBV/m**
Grid 4 **M4** **23.06 dBV/m**	Grid 5 **M4** **23.72 dBV/m**	Grid 6 **M4** **23.15 dBV/m**
Grid 7 **M4** **23.41 dBV/m**	Grid 8 **M4** **24.01 dBV/m**	Grid 9 **M4** **23.19 dBV/m**

Cursor:
Total = 24.01 dBV/m
E Category: M4
Location: 1, 20.5, 7.7 mm



0 dB = 15.85 V/m = 24.00 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11g 11CH Ant9

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);

Frequency: 2462 MHz;Duty Cycle: 1:12.5893

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

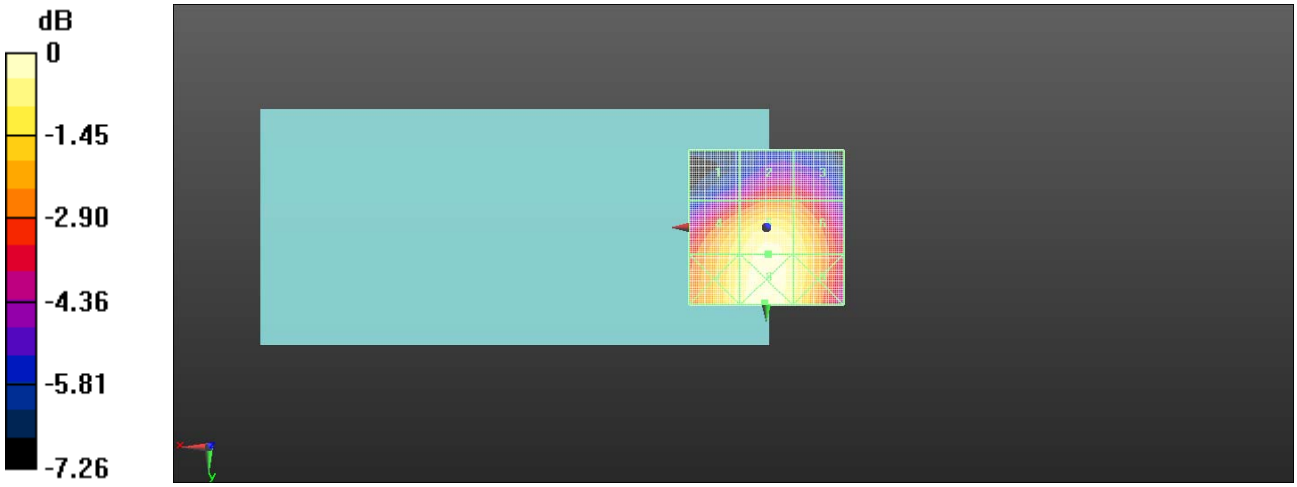
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 28.23 V/m; Power Drift = -0.02 dB
Applied MIF = 0.12 dB
RF audio interference level = 26.96 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.33 dBV/m**	Grid 2 **M4** **24.51 dBV/m**	Grid 3 **M4** **24.4 dBV/m**
Grid 4 **M4** **26.22 dBV/m**	Grid 5 **M4** **26.96 dBV/m**	Grid 6 **M4** **26.44 dBV/m**
Grid 7 **M4** **26.52 dBV/m**	Grid 8 **M4** **27.22 dBV/m**	Grid 9 **M4** **26.5 dBV/m**

Cursor:
Total = 27.22 dBV/m
E Category: M4
Location: 0.5, 24.5, 7.7 mm



0 dB = 22.95 V/m = 27.22 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11b 1CH Ant10

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps);

Frequency: 2412 MHz;Duty Cycle: 1:2.29087

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

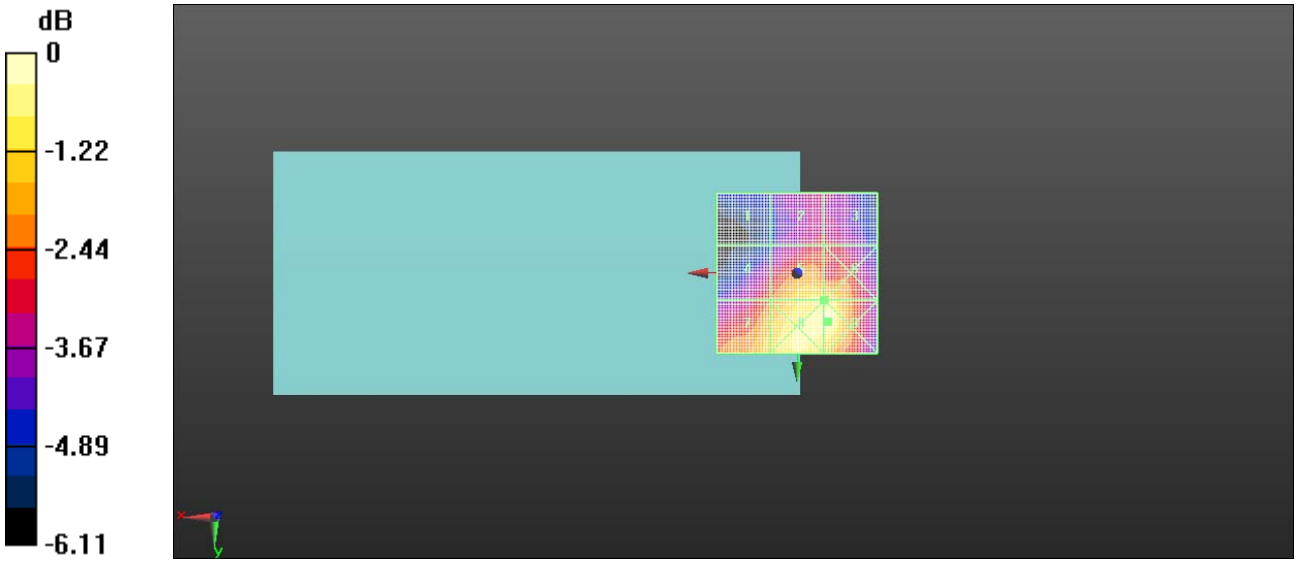
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 10.42 V/m; Power Drift = 0.00 dB
Applied MIF = -2.02 dB
RF audio interference level = 17.08 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.65 dBV/m**	Grid 2 **M4** **14.97 dBV/m**	Grid 3 **M4** **14.97 dBV/m**
Grid 4 **M4** **15.57 dBV/m**	Grid 5 **M4** **17.08 dBV/m**	Grid 6 **M4** **17.09 dBV/m**
Grid 7 **M4** **16.63 dBV/m**	Grid 8 **M4** **17.96 dBV/m**	Grid 9 **M4** **18.03 dBV/m**

Cursor:
Total = 18.03 dBV/m
E Category: M4
Location: -9.5, 15, 8.7 mm



0 dB = 7.922 V/m = 17.98 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11b 6CH Ant10

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps);

Frequency: 2437 MHz;Duty Cycle: 1:2.29087

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

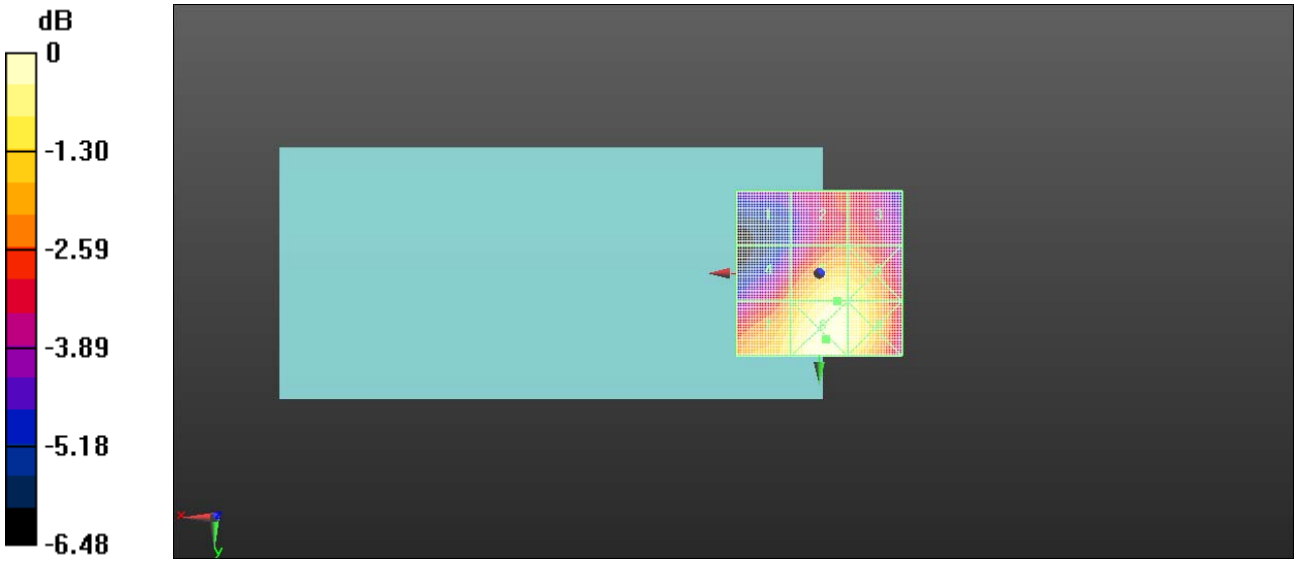
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 9.995 V/m; Power Drift = 0.03 dB
Applied MIF = -2.02 dB
RF audio interference level = 16.86 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.19 dBV/m**	Grid 2 **M4** **14.76 dBV/m**	Grid 3 **M4** **14.76 dBV/m**
Grid 4 **M4** **15.19 dBV/m**	Grid 5 **M4** **16.86 dBV/m**	Grid 6 **M4** **16.71 dBV/m**
Grid 7 **M4** **16.43 dBV/m**	Grid 8 **M4** **17.31 dBV/m**	Grid 9 **M4** **16.95 dBV/m**

Cursor:
Total = 17.31 dBV/m
E Category: M4
Location: -2, 20, 8.7 mm



0 dB = 7.300 V/m = 17.27 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11b 11CH Ant10

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps);

Frequency: 2462 MHz;Duty Cycle: 1:2.29087

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

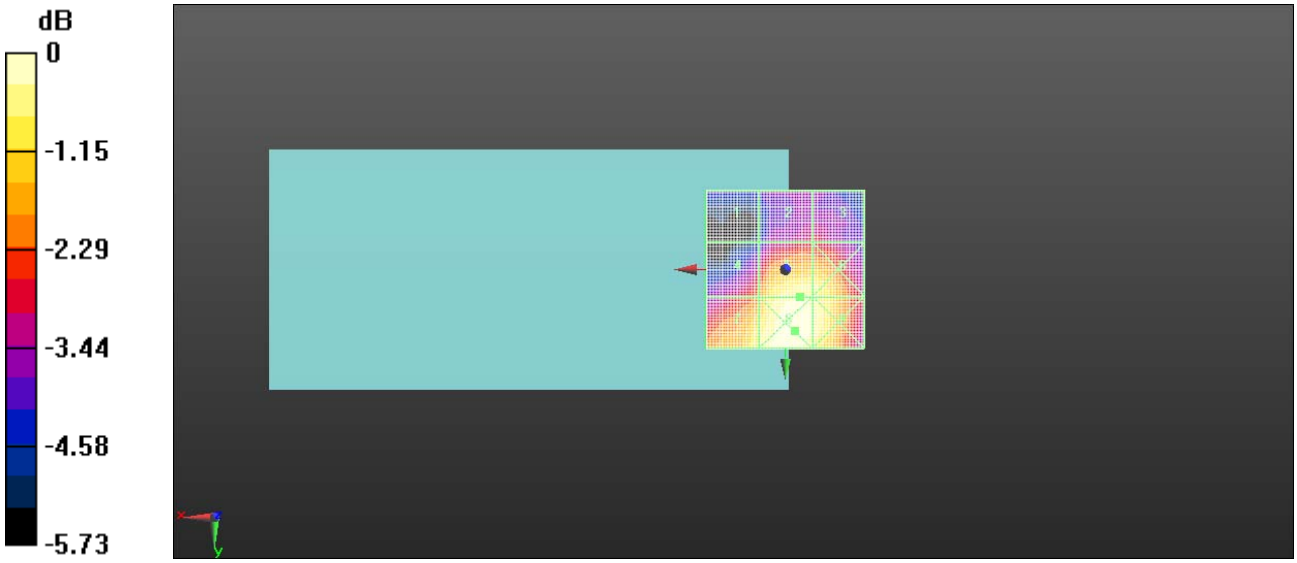
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 7.524 V/m; Power Drift = -0.08 dB
Applied MIF = -2.02 dB
RF audio interference level = 14.17 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **10.74 dBV/m**	Grid 2 **M4** **11.74 dBV/m**	Grid 3 **M4** **11.76 dBV/m**
Grid 4 **M4** **12.52 dBV/m**	Grid 5 **M4** **14.17 dBV/m**	Grid 6 **M4** **14.01 dBV/m**
Grid 7 **M4** **13.86 dBV/m**	Grid 8 **M4** **14.56 dBV/m**	Grid 9 **M4** **14.24 dBV/m**

Cursor:
Total = 14.56 dBV/m
E Category: M4
Location: -3, 19.5, 8.7 mm



0 dB = 5.306 V/m = 14.50 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11g 1CH Ant10

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);

Frequency: 2412 MHz;Duty Cycle: 1:12.5893

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

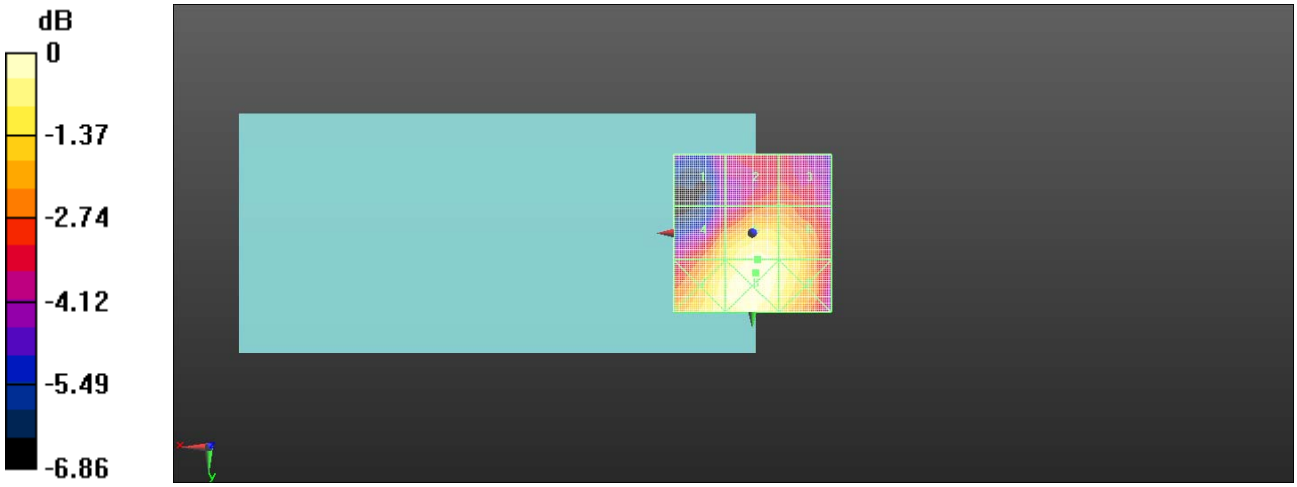
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 12.92 V/m; Power Drift = -0.12 dB
Applied MIF = 0.12 dB
RF audio interference level = 20.72 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.17 dBV/m**	Grid 2 **M4** **18.28 dBV/m**	Grid 3 **M4** **18.28 dBV/m**
Grid 4 **M4** **19.61 dBV/m**	Grid 5 **M4** **20.72 dBV/m**	Grid 6 **M4** **20.25 dBV/m**
Grid 7 **M4** **20.39 dBV/m**	Grid 8 **M4** **20.91 dBV/m**	Grid 9 **M4** **20.36 dBV/m**

Cursor:
Total = 20.91 dBV/m
E Category: M4
Location: -1, 12.5, 7.7 mm



0 dB = 11.09 V/m = 20.90 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11g 6CH Ant10

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);

Frequency: 2437 MHz;Duty Cycle: 1:12.5893

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

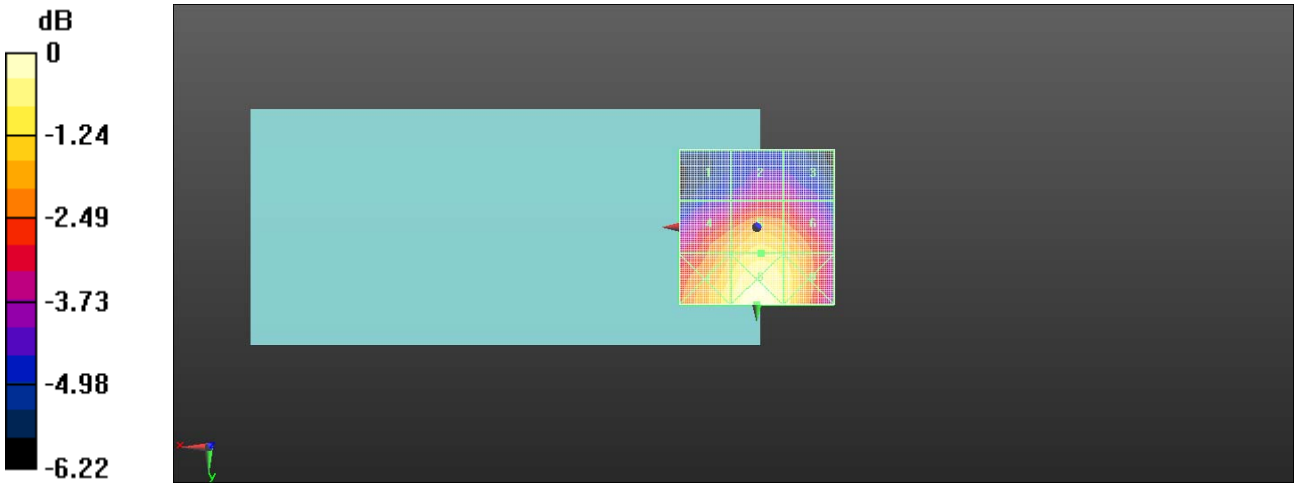
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 18.30 V/m; Power Drift = -0.12 dB
Applied MIF = 0.12 dB
RF audio interference level = 23.62 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.4 dBV/m**	Grid 2 **M4** **21.35 dBV/m**	Grid 3 **M4** **21.35 dBV/m**
Grid 4 **M4** **22.9 dBV/m**	Grid 5 **M4** **23.62 dBV/m**	Grid 6 **M4** **23.31 dBV/m**
Grid 7 **M4** **23.75 dBV/m**	Grid 8 **M4** **24.62 dBV/m**	Grid 9 **M4** **23.85 dBV/m**

Cursor:
Total = 24.62 dBV/m
E Category: M4
Location: 0, 25, 7.7 mm



0 dB = 17.02 V/m = 24.62 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11g 11CH Ant10

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);

Frequency: 2462 MHz;Duty Cycle: 1:12.5893

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

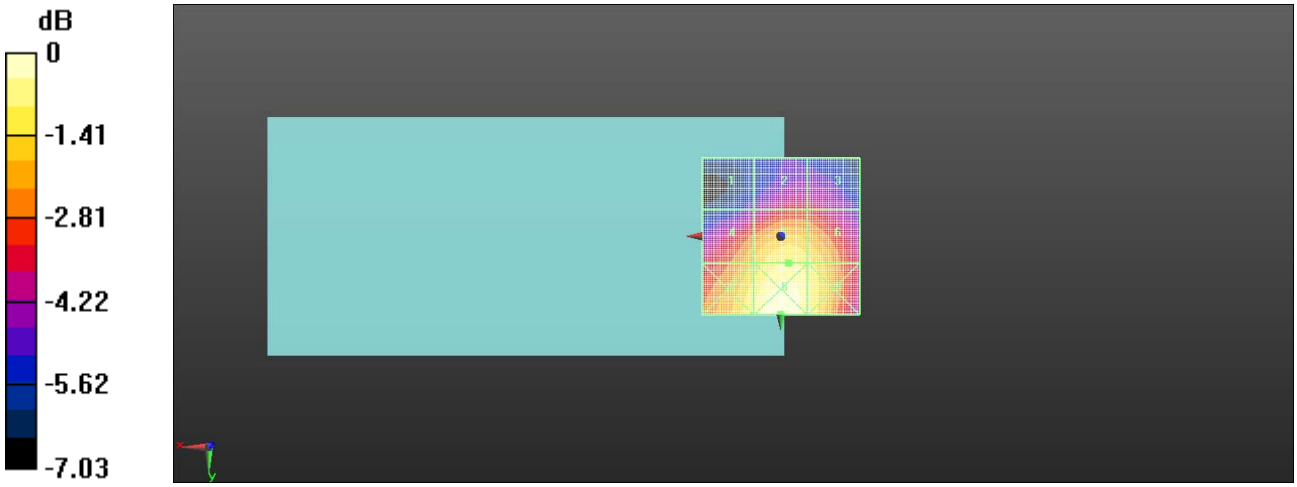
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 26.40 V/m; Power Drift = -0.01 dB
Applied MIF = 0.12 dB
RF audio interference level = 26.88 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.18 dBV/m**	Grid 2 **M4** **24.46 dBV/m**	Grid 3 **M4** **24.41 dBV/m**
Grid 4 **M4** **26 dBV/m**	Grid 5 **M4** **26.88 dBV/m**	Grid 6 **M4** **26.55 dBV/m**
Grid 7 **M4** **26.96 dBV/m**	Grid 8 **M4** **27.75 dBV/m**	Grid 9 **M4** **26.95 dBV/m**

Cursor:
Total = 27.75 dBV/m
E Category: M4
Location: 0, 25, 7.7 mm



0 dB = 24.41 V/m = 27.75 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11b 1CH MIMO

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps);

Frequency: 2412 MHz;Duty Cycle: 1:2.29087

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

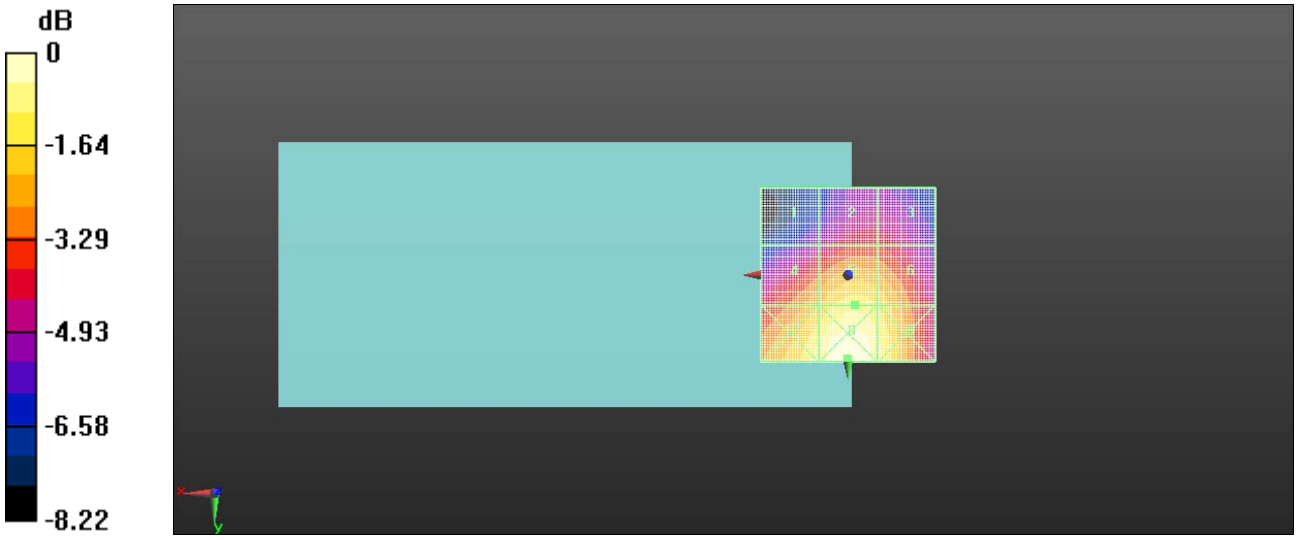
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 31.50 V/m; Power Drift = -0.11 dB
Applied MIF = -2.02 dB
RF audio interference level = 26.83 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.15 dBV/m**	Grid 2 **M4** **24.39 dBV/m**	Grid 3 **M4** **24.32 dBV/m**
Grid 4 **M4** **25.91 dBV/m**	Grid 5 **M4** **26.83 dBV/m**	Grid 6 **M4** **26.43 dBV/m**
Grid 7 **M4** **27.29 dBV/m**	Grid 8 **M4** **28.13 dBV/m**	Grid 9 **M4** **27.23 dBV/m**

Cursor:
Total = 28.13 dBV/m
E Category: M4
Location: 0, 24, 8.7 mm



0 dB = 25.47 V/m = 28.12 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11b 6CH MIMO

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps);

Frequency: 2437 MHz;Duty Cycle: 1:2.29087

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

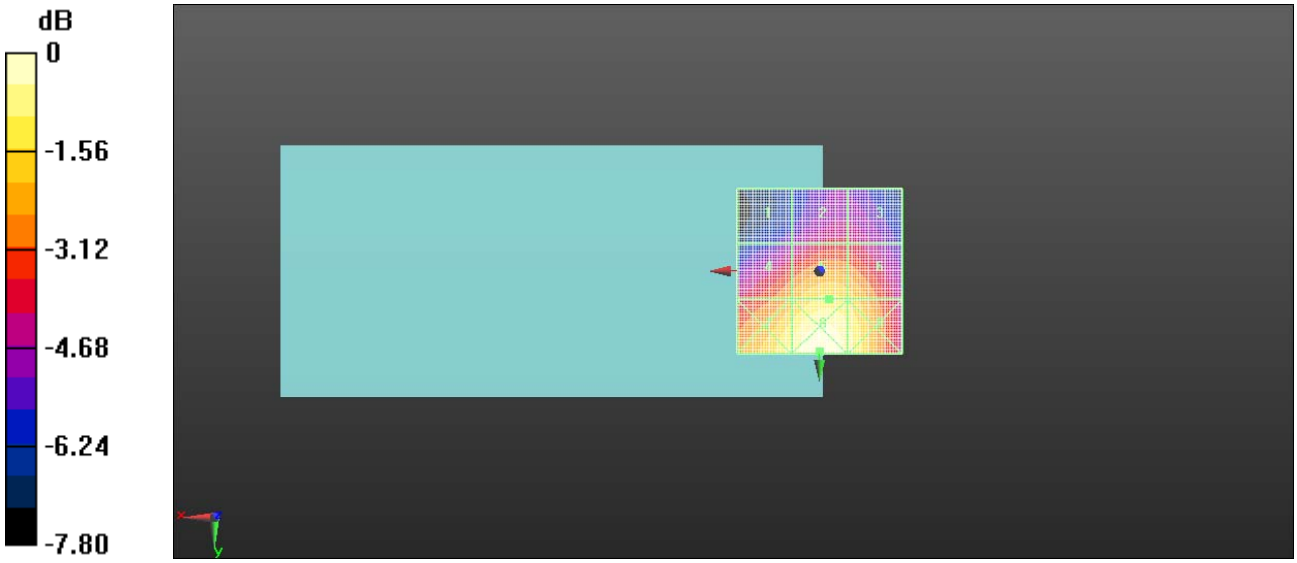
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 24.72 V/m; Power Drift = 0.01 dB
Applied MIF = -2.02 dB
RF audio interference level = 24.90 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.14 dBV/m**	Grid 2 **M4** **22.35 dBV/m**	Grid 3 **M4** **22.29 dBV/m**
Grid 4 **M4** **23.9 dBV/m**	Grid 5 **M4** **24.9 dBV/m**	Grid 6 **M4** **24.57 dBV/m**
Grid 7 **M4** **25.45 dBV/m**	Grid 8 **M4** **26.26 dBV/m**	Grid 9 **M4** **25.5 dBV/m**

Cursor:
Total = 26.26 dBV/m
E Category: M4
Location: 0, 24.5, 8.7 mm



0 dB = 20.54 V/m = 26.25 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11b 11CH MIMO

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps);

Frequency: 2462 MHz;Duty Cycle: 1:2.29087

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

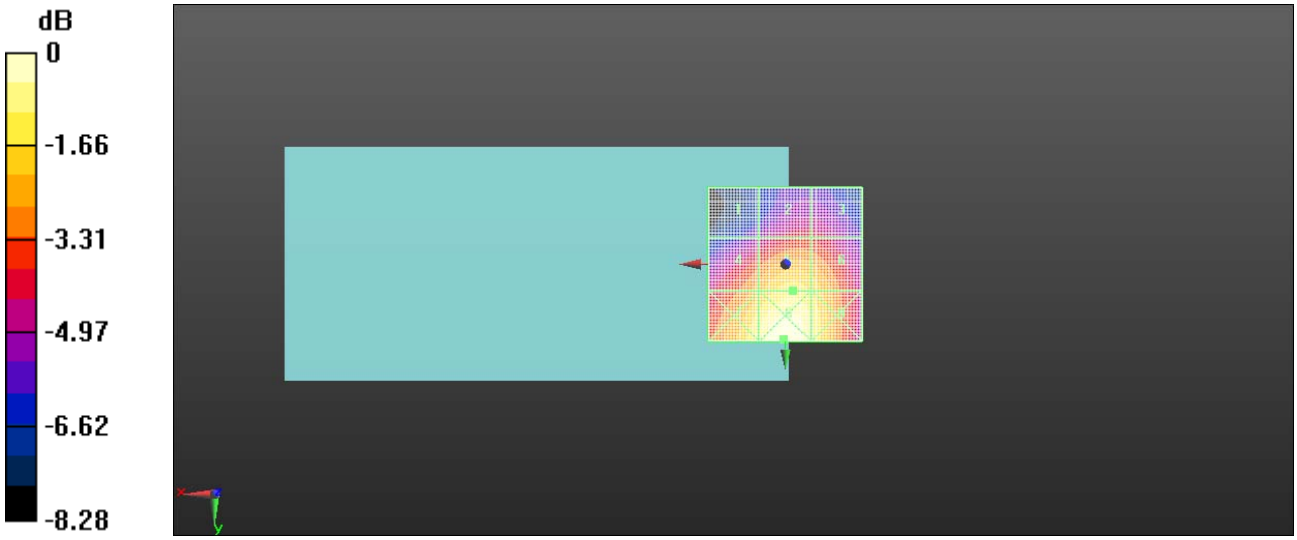
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 26.72 V/m; Power Drift = -0.09 dB
Applied MIF = -2.02 dB
RF audio interference level = 25.32 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.46 dBV/m**	Grid 2 **M4** **22.73 dBV/m**	Grid 3 **M4** **22.67 dBV/m**
Grid 4 **M4** **24.3 dBV/m**	Grid 5 **M4** **25.32 dBV/m**	Grid 6 **M4** **24.92 dBV/m**
Grid 7 **M4** **25.78 dBV/m**	Grid 8 **M4** **26.64 dBV/m**	Grid 9 **M4** **25.67 dBV/m**

Cursor:
Total = 26.64 dBV/m
E Category: M4
Location: 0.5, 24.5, 8.7 mm



0 dB = 21.48 V/m = 26.64 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11g 1CH MIMO

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);

Frequency: 2412 MHz;Duty Cycle: 1:12.5893

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

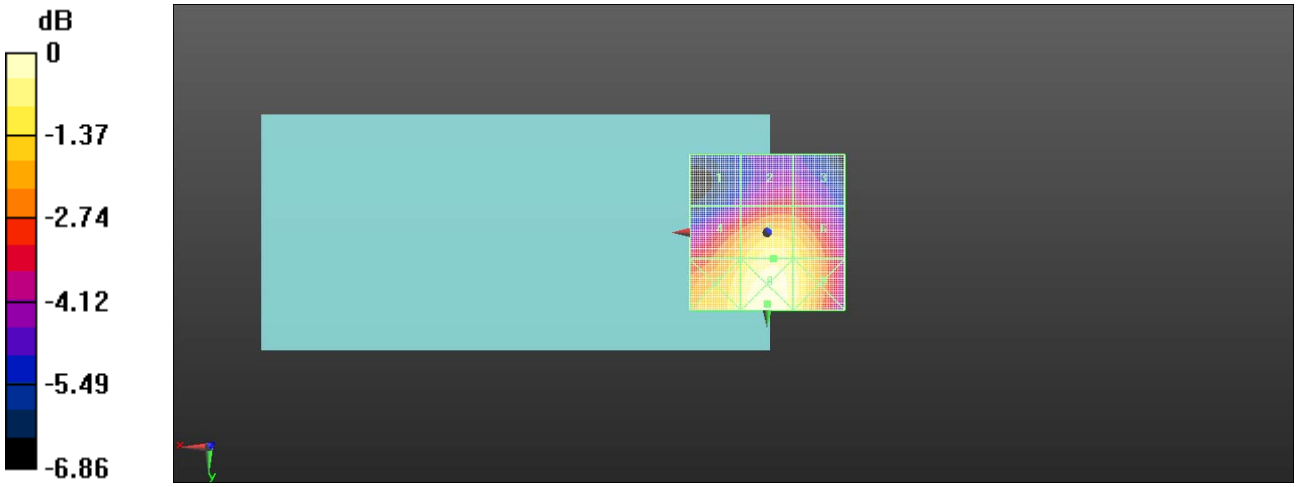
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 30.61 V/m; Power Drift = -0.12 dB
Applied MIF = 0.12 dB
RF audio interference level = 27.99 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.1 dBV/m**	Grid 2 **M4** **25.37 dBV/m**	Grid 3 **M4** **25.35 dBV/m**
Grid 4 **M4** **27.09 dBV/m**	Grid 5 **M4** **27.99 dBV/m**	Grid 6 **M4** **27.59 dBV/m**
Grid 7 **M4** **27.85 dBV/m**	Grid 8 **M4** **28.59 dBV/m**	Grid 9 **M4** **27.9 dBV/m**

Cursor:
Total = 28.59 dBV/m
E Category: M4
Location: 0, 23, 7.7 mm



0 dB = 26.84 V/m = 28.58 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11g 6CH MIMO

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);

Frequency: 2437 MHz;Duty Cycle: 1:12.5893

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

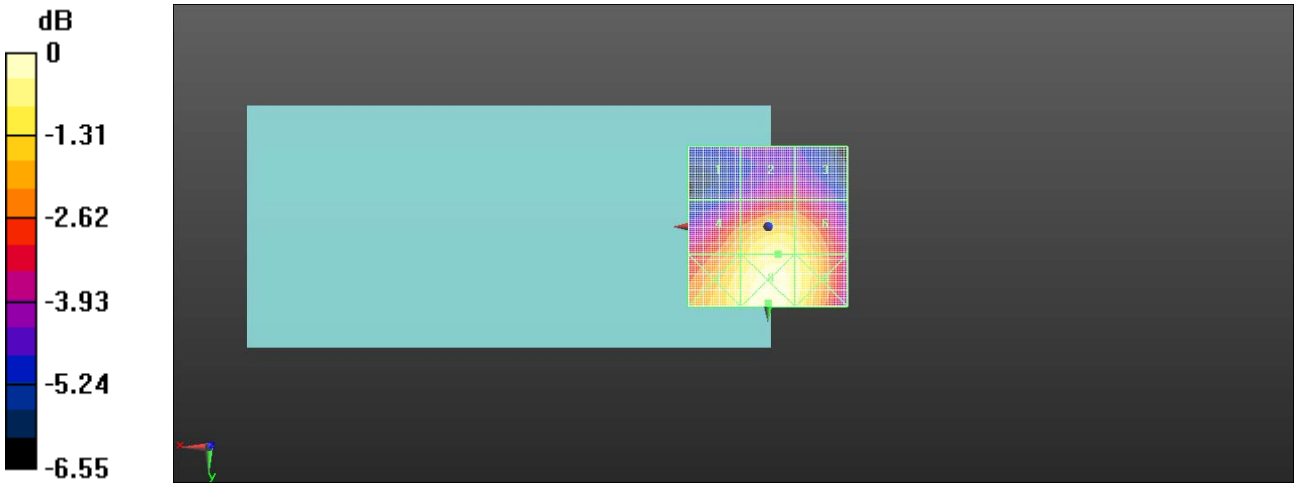
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 22.66 V/m; Power Drift = 0.01 dB
Applied MIF = 0.12 dB
RF audio interference level = 25.46 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.78 dBV/m**	Grid 2 **M4** **22.86 dBV/m**	Grid 3 **M4** **22.85 dBV/m**
Grid 4 **M4** **24.53 dBV/m**	Grid 5 **M4** **25.46 dBV/m**	Grid 6 **M4** **25.18 dBV/m**
Grid 7 **M4** **25.37 dBV/m**	Grid 8 **M4** **26.08 dBV/m**	Grid 9 **M4** **25.48 dBV/m**

Cursor:
Total = 26.08 dBV/m
E Category: M4
Location: 0, 24, 7.7 mm



0 dB = 20.11 V/m = 26.07 dBV/m

Date: 2021-06-19

Test Laboratory: SGS-SAR Lab

N1374DL HAC-RF-WiFi 2.4G 802.11g 11CH MIMO

DUT: N1374DL; Type: Smart Phone; Serial: 357923770011247

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);

Frequency: 2462 MHz;Duty Cycle: 1:12.5893

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

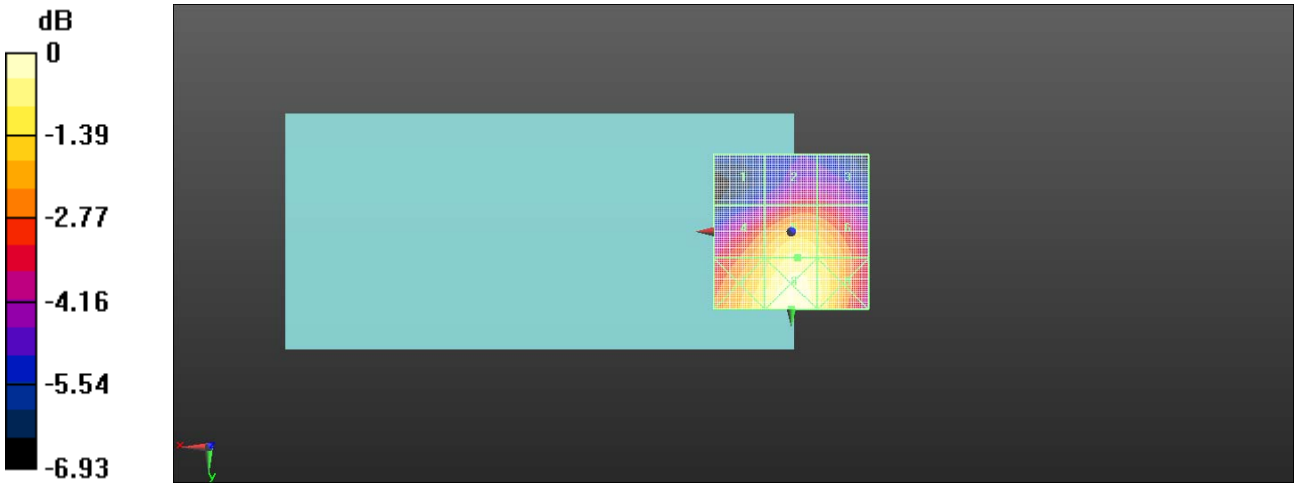
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2021-05-28
- Sensor-Surface: 0mm (Fix Surface), Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2021-04-09
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Device E-Field measurement/E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 27.49 V/m; Power Drift = 0.07 dB
Applied MIF = 0.12 dB
RF audio interference level = 27.27 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.46 dBV/m**	Grid 2 **M4** **24.77 dBV/m**	Grid 3 **M4** **24.66 dBV/m**
Grid 4 **M4** **26.32 dBV/m**	Grid 5 **M4** **27.27 dBV/m**	Grid 6 **M4** **26.87 dBV/m**
Grid 7 **M4** **27.23 dBV/m**	Grid 8 **M4** **28 dBV/m**	Grid 9 **M4** **27.28 dBV/m**

Cursor:
Total = 28.00 dBV/m
E Category: M4
Location: 0, 25, 7.7 mm



0 dB = 25.12 V/m = 28.00 dBV/m