

## HAC-RF Emission

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

### Dipole E-Field measurement 835MHz/835 MHz/Hearing Aid Compatibility Test at 15mm distance (41x361x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 124.0 V/m; Power Drift = 0.01 dB

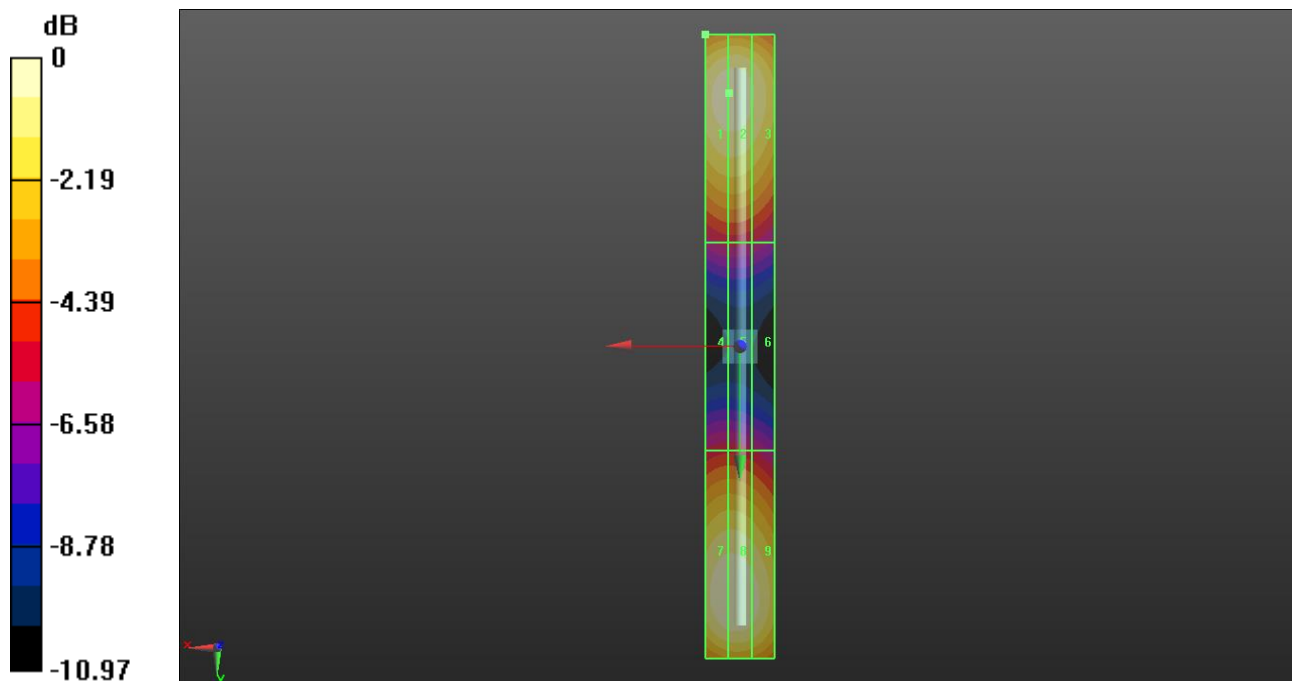
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 116.1 V/m

Near-field category: **M4 (AWF 0 dB)**

PMF scaled E-field

|                        |                        |                        |
|------------------------|------------------------|------------------------|
| Grid 1 M4<br>113.5 V/m | Grid 2 M4<br>113.6 V/m | Grid 3 M4<br>107.9 V/m |
| Grid 4 M4<br>63.25 V/m | Grid 5 M4<br>63.25 V/m | Grid 6 M4<br>60.13 V/m |
| Grid 7 M4<br>115.6 V/m | Grid 8 M4<br>116.1 V/m | Grid 9 M4<br>111.5 V/m |



0 dB = 116.1 V/m = 41.30 dBV/m

## HAC-RF Emission

Communication System: UID 0, CW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

### Dipole E-Field measurement 1880MHz/1880 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 146.3 V/m; Power Drift = -0.01 dB

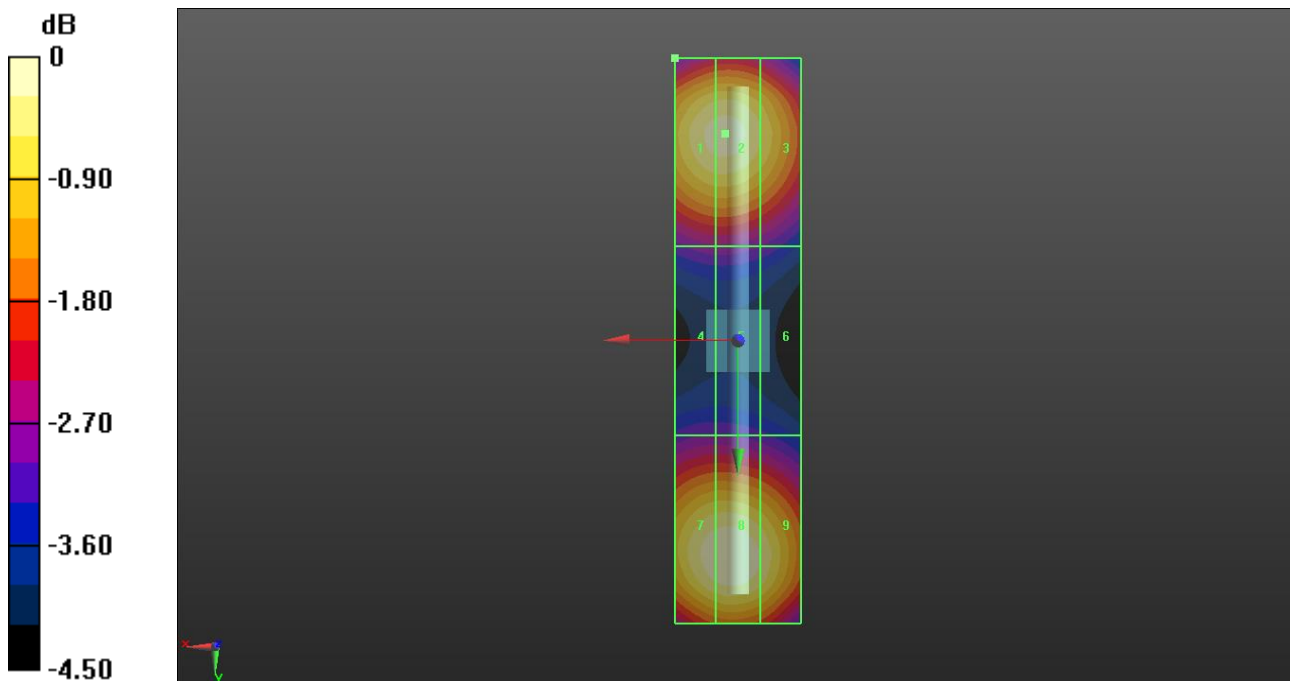
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.54 V/m

Near-field category: **M3 (AWF 0 dB)**

PMF scaled E-field

|                        |                        |                        |
|------------------------|------------------------|------------------------|
| Grid 1 M3<br>85.77 V/m | Grid 2 M3<br>85.95 V/m | Grid 3 M3<br>82.07 V/m |
| Grid 4 M3<br>63.79 V/m | Grid 5 M3<br>63.81 V/m | Grid 6 M4<br>62.12 V/m |
| Grid 7 M3<br>86.95 V/m | Grid 8 M3<br>87.54 V/m | Grid 9 M3<br>84.64 V/m |



0 dB = 87.54 V/m = 38.84 dBV/m

## LTE Band 41

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

### Dipole E-Field measurement 2600MHz/2600 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 72.79 V/m; Power Drift = 0.00 dB

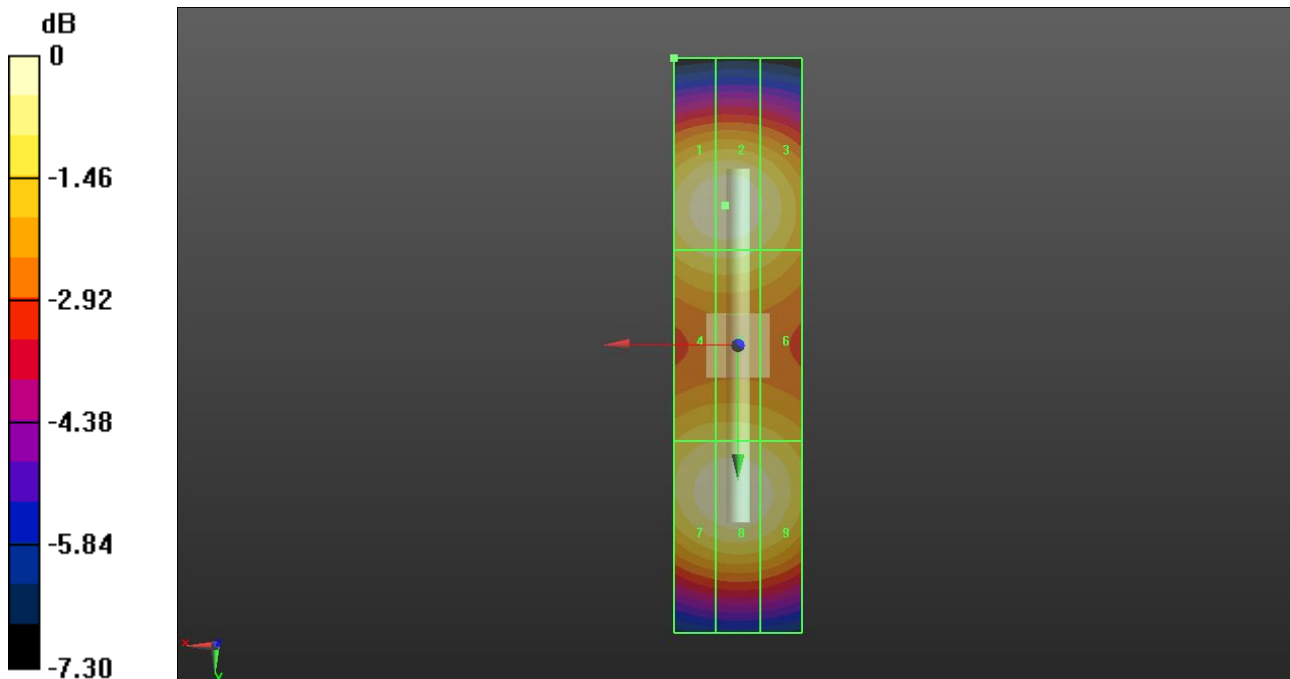
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.61 V/m

Near-field category: **M3 (AWF 0 dB)**

PMF scaled E-field

|                        |                        |                        |
|------------------------|------------------------|------------------------|
| Grid 1 M3<br>87.85 V/m | Grid 2 M3<br>88.22 V/m | Grid 3 M3<br>84.38 V/m |
| Grid 4 M3<br>81.39 V/m | Grid 5 M3<br>81.56 V/m | Grid 6 M3<br>78.94 V/m |
| Grid 7 M3<br>87.57 V/m | Grid 8 M3<br>88.61 V/m | Grid 9 M3<br>86.32 V/m |



0 dB = 88.61 V/m = 38.95 dBV/m