Test Laboratory: TUV Inc. Date: 2024/9/2

04_NII-3_GFSK_Front Face_5mm_Ch2

DUT: 5.8GHz microphone

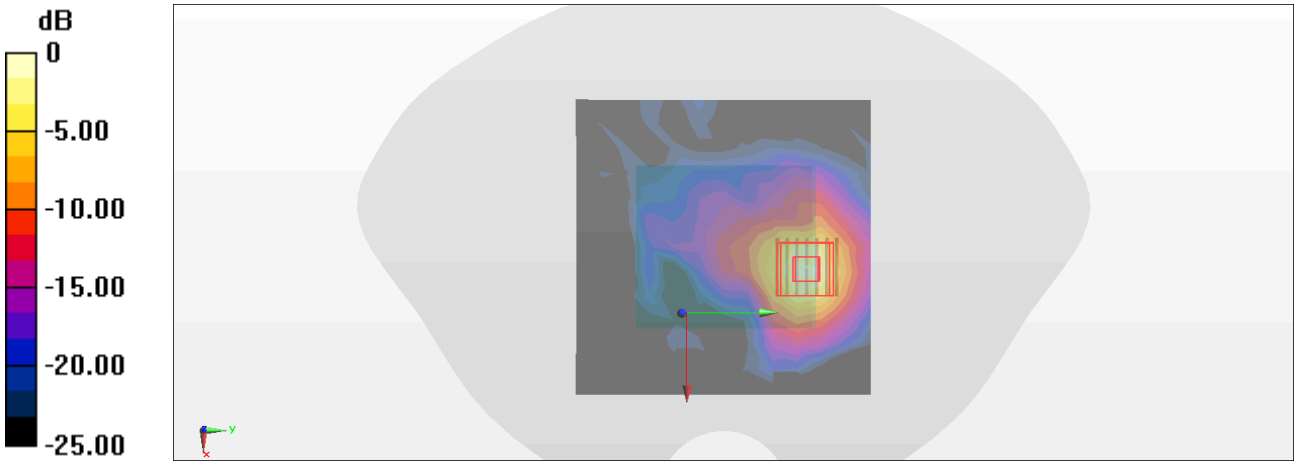
Communication System: NII-3; Frequency: 5787 MHz; Duty Cycle: 1:1.238
Medium: HSL5G_240902 Medium parameters used: f = 5787 MHz; σ = 5.222 S/m; ε_r = 34.976; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃;Liquid Temperature：22.6℃

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2024/4/22
- Probe: EX3DV4 - SN7400; ConvF(4.77, 4.77, 4.77) @ 5787 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -24.0, 23.0
- Phantom: Right_Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: TP-1467
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (13x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.76 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.361 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 3.68 W/kg
SAR(1 g) = 0.882 W/kg; SAR(10 g) = 0.299 W/kg
Maximum value of SAR (measured) = 2.12 W/kg



0 dB = 2.12 W/kg = 3.26 dBW/kg

Test Laboratory: TUV Inc. Date: 2024/9/2

01_NII-3_GFSK_Front Face_0mm_Ch1

DUT: 5.8GHz microphone

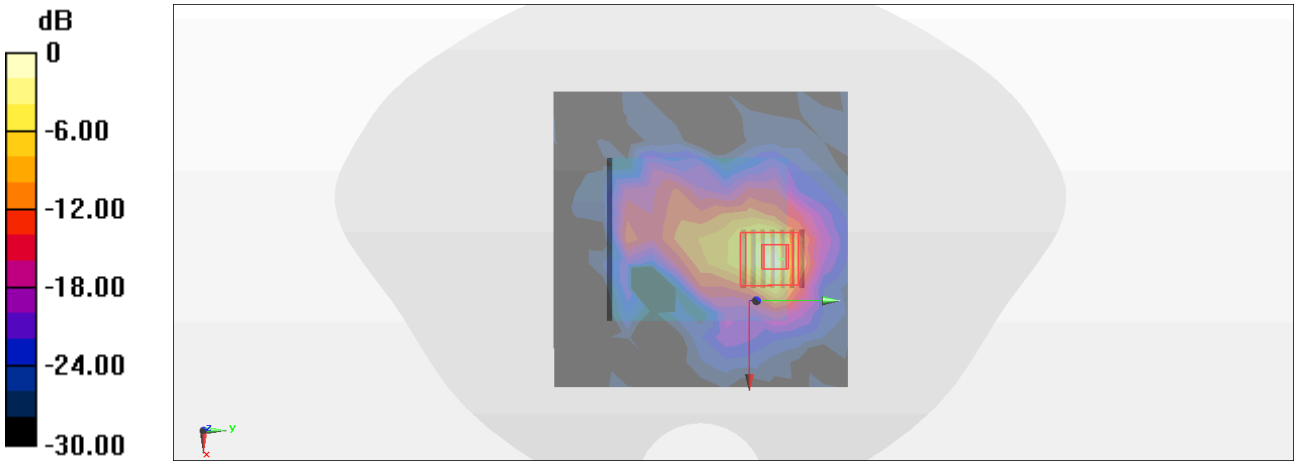
Communication System: NII-3; Frequency: 5735 MHz; Duty Cycle: 1:1.238
Medium: HSL5G_240902 Medium parameters used: f = 5735 MHz; σ = 5.173 S/m; ε_r = 35.056; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃;Liquid Temperature：22.6℃

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2024/4/22
- Probe: EX3DV4 - SN7400; ConvF(4.77, 4.77, 4.77) @ 5735 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -24.0, 23.0
- Phantom: Right_Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: TP-1467
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (13x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 5.17 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.455 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 10.7 W/kg
SAR(1 g) = 2.12 W/kg; SAR(10 g) = 0.583 W/kg
Maximum value of SAR (measured) = 5.54 W/kg



0 dB = 5.54 W/kg = 7.44 dBW/kg