# Annex C Plots of System Performance Check

Test Laboratory: SAR Lab. of Kehu-Morlab Test Laboratory Date: 10/28/2019

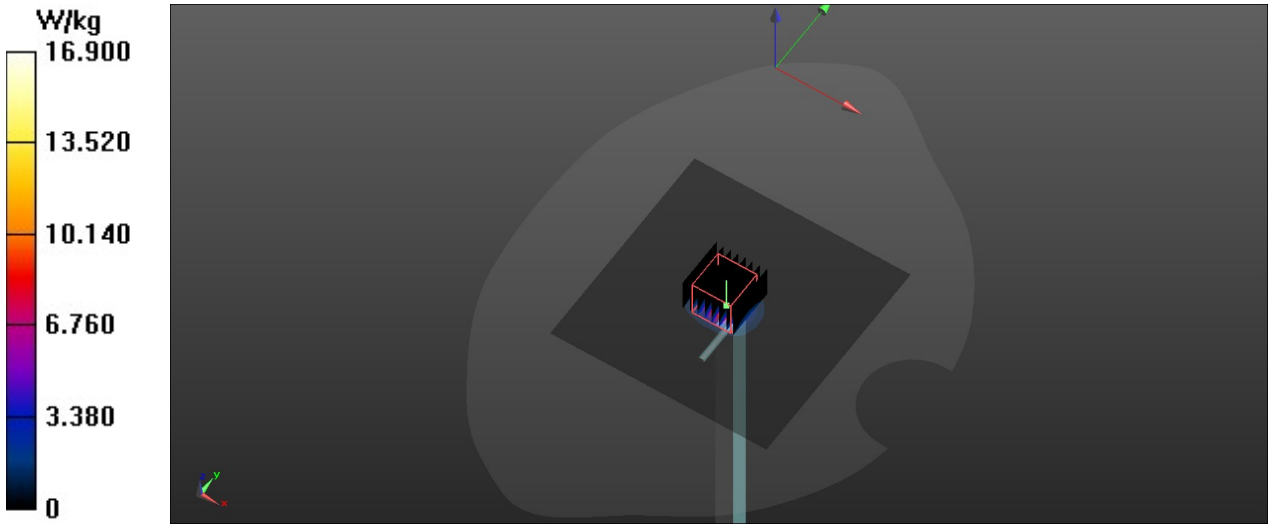
## D5GHzV2-1176-5250

Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: HBBL 600-6G Medium parameters used: f = 5250 MHz; $\sigma$ = 4.71 S/m; $\varepsilon_r$ = 34.601; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(4.99, 4.99, 4.99) @ 5250 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn871; Calibrated: 6/27/2019
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**System Verification/D5GHz_10mm/Area Scan (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.9 W/kg

**System Verification/D5GHz_10mm/Zoom Scan (8x8x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 62.08 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 39.9 W/kg
**SAR(1 g) = 8.05 W/kg; SAR(10 g) = 2.31 W/kg**
Maximum value of SAR (measured) = 17.9 W/kg



Test Laboratory: SAR Lab. of Kehu-Morlab Test Laboratory Date: 10/29/2019

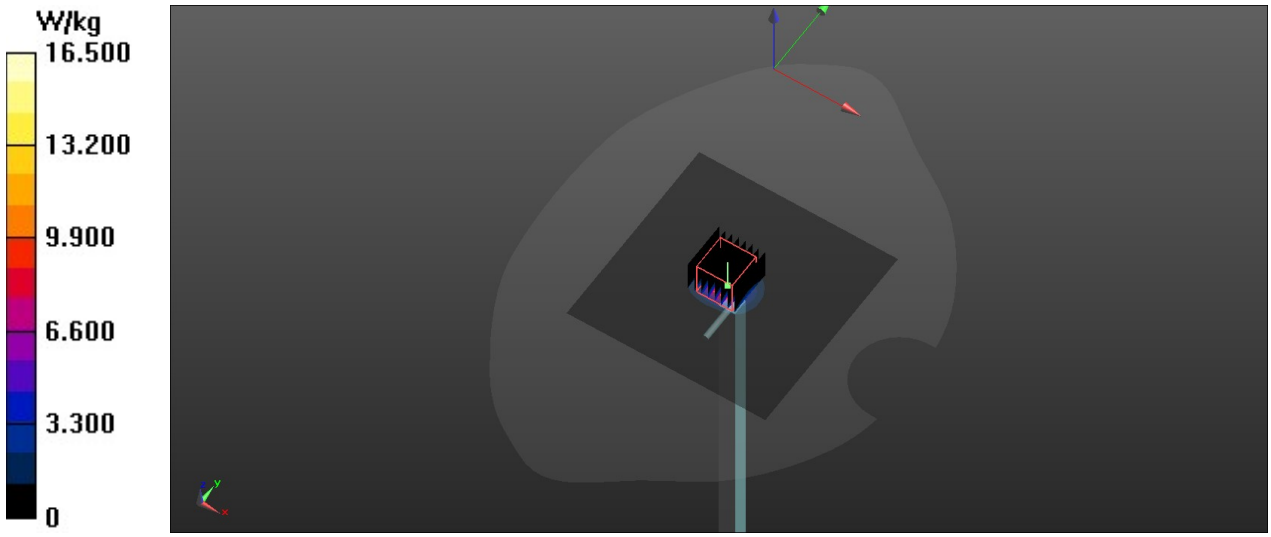
## D5GHzV2-1176-5750

Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: HBBL 600-6G Medium parameters used (extrapolated): f = 5750 MHz; $\sigma$ = 5.443 S/m; $\varepsilon_r$ = 33.737; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.4 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(4.29, 4.29, 4.29) @ 5750 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn871; Calibrated: 6/27/2019
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**System Verification/D5GHz_10mm/Area Scan (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.5 W/kg

**System Verification/D5GHz_10mm/Zoom Scan (8x8x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 56.94 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 36.6 W/kg
**SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.29 W/kg**
Maximum value of SAR (measured) = 17.1 W/kg



Test Laboratory: SAR Lab. of Kehu-Morlab Test Laboratory Date: 12/31/2019

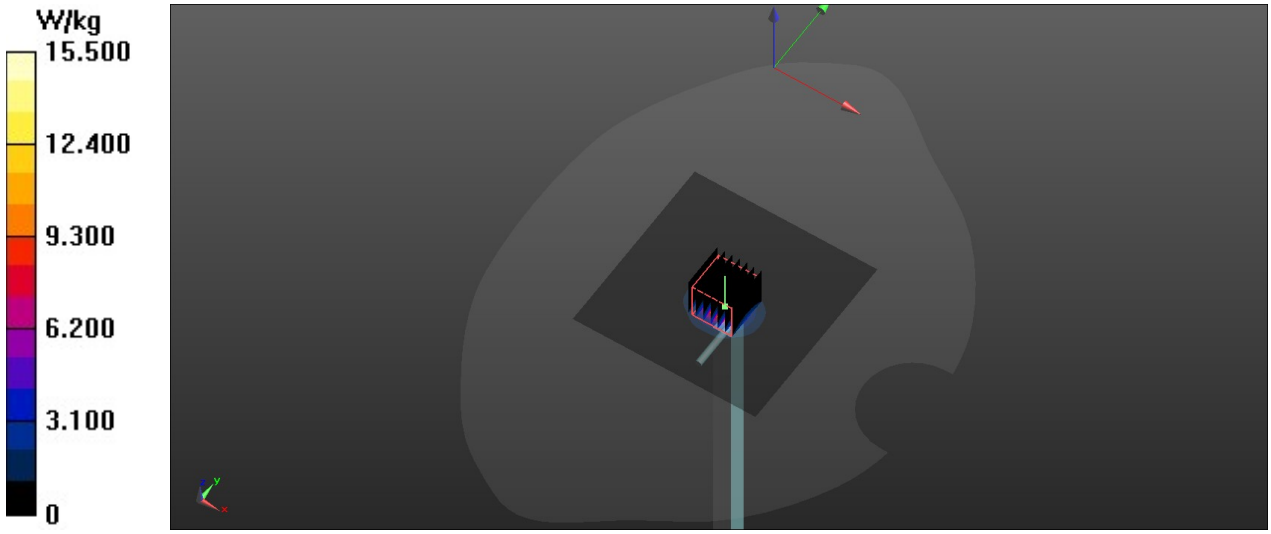
## D5GHzV2-1176-5250

Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: HBBL 600-6G Medium parameters used: f = 5250 MHz; $\sigma$ = 4.83 S/m; $\varepsilon_r$ = 35.246; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(4.99, 4.99, 4.99) @ 5250 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn871; Calibrated: 6/27/2019
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**System Verification/D5GHz_10mm/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 15.5 W/kg

**System Verification/D5GHz_10mm/Zoom Scan (7x7x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 60.79 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 32.4 W/kg
**SAR(1 g) = 7.97 W/kg; SAR(10 g) = 2.3 W/kg**
Maximum value of SAR (measured) = 16.8 W/kg



Test Laboratory: SAR Lab. of Kehu-Morlab Test Laboratory Date: 12/31/2019

## D5GHzV2-1176-5750

Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: HBBL 600-6G Medium parameters used: f = 5750 MHz; $\sigma$ = 5.248 S/m; $\varepsilon_r$ = 35.642; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(4.29, 4.29, 4.29) @ 5750 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn871; Calibrated: 6/27/2019
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**System Verification/D5GHz_10mm/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.4 W/kg

**System Verification/D5GHz_10mm/Zoom Scan (7x7x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 59.96 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 37.7 W/kg
**SAR(1 g) = 8.29 W/kg; SAR(10 g) = 2.37 W/kg**
Maximum value of SAR (measured) = 17.7 W/kg