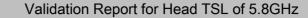


Validation Report for Head TSL of 5.6GHz Test Laboratory: BTL.Inc Date: 2020/11/28 System Check_H5600_1128 DUT: Dipole D5GHzV2; Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1 Medium parameters used: f = 5600 MHz; σ = 5.156 S/m; ϵ_r = 35.266; ρ = 1000 kg/m³ Ambient Temperature: 23.1 °C; Liquid Temperature: 22.3 °C DASY Configuration: Probe: EX3DV4 - SN7544; ConvF(4.82, 4.82, 4.82) @ 5600 MHz; Calibrated: 2020/10/29 Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 23.0 Electronics: DAE4 Sn1390; Calibrated: 2020/11/6 • Phantom: SAM Left v5.0; Type: Twin SAM; Serial: TP:1896 DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450) Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 5.67 W/kg Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm Reference Value = 38.73 V/m; Power Drift = 0.07 dB Peak SAR (extrapolated) = 44.9 W/kg SAR(1 g) = 8.23 W/kg; SAR(10 g) = 2.3 W/kgMaximum value of SAR (measured) = 7.76 W/kg W/kg 7.760 6.208 4.656 3.104 1.552



Test Laboratory: BTL Inc.

Date: 2020/11/28

System Check_H5800_1128

DUT: Dipole D5GHzV2;

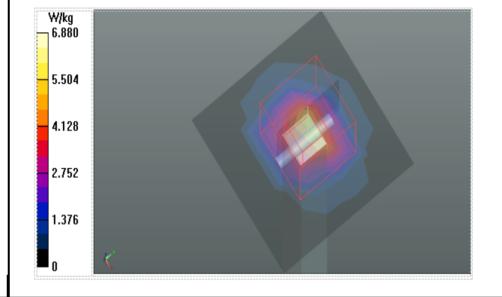
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1 Medium parameters used: f= 5800 MHz; σ = 5.19 S/m; ϵ_r = 34.169; ρ = 1000 kg/m³ Ambient Temperature: 23.1 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 SN7544; ConvF(4.8, 4.8, 4.8) @ 5800 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6
- Phantom: SAM Left v5.0; Type: Twin SAM; Serial: TP:1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 4.95 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm Reference Value = 35.90 V/m; Power Drift = -0.01 dB Peak SAR (extrapolated) = 42.9 W/kg SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.12 W/kg Maximum value of SAR (measured) = 6.88 W/kg



Calibrator: Seven Lu

Approver:

Herbort Liv