Test Laboratory: BTL Date: 2020/8/21

WiFi-5G

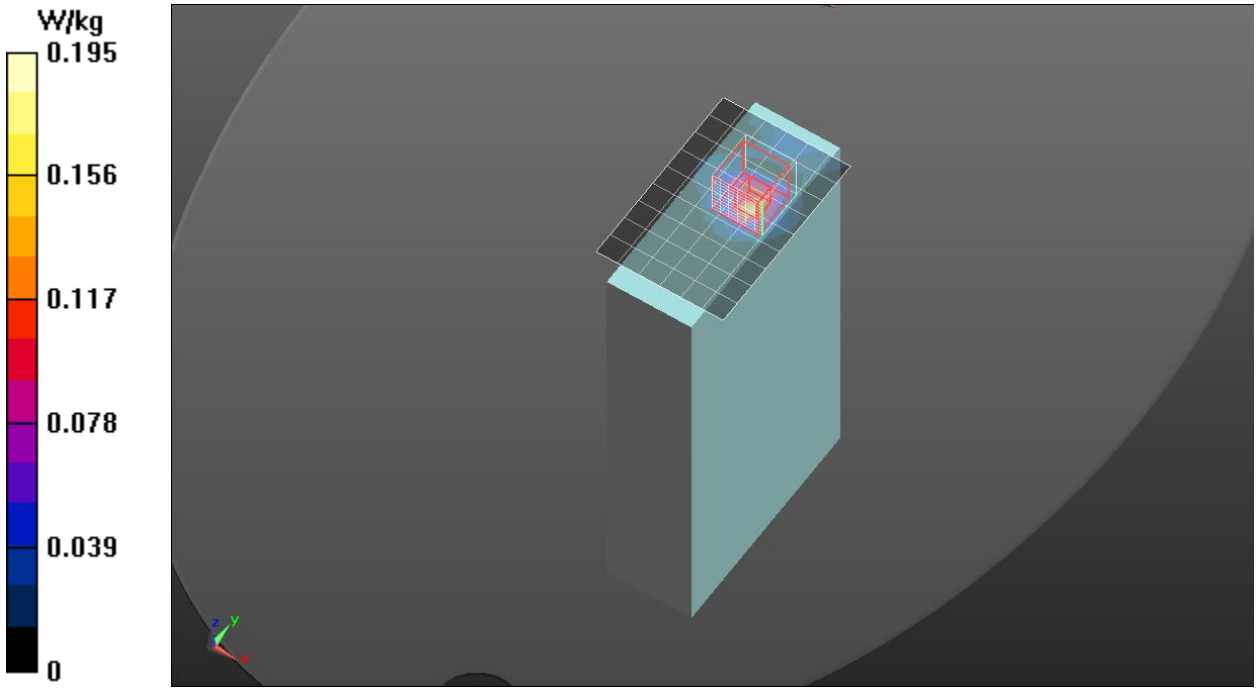
Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 5180 MHz; σ = 4.437 S/m; ε_r = 35.372; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2020/6/4
- Probe: EX3DV4 - SN7369; ConvF(5.13, 5.13, 5.13) @ 5180 MHz; Calibrated: 2020/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

Tire-pressure monitoring system/Edge4/802.11a/Main Ant/Ch 36/Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.158 W/kg

Tire-pressure monitoring system/Edge4/802.11a/Main Ant/Ch 36/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.038 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.019 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 47.7%
Maximum value of SAR (measured) = 0.195 W/kg



Test Laboratory: BTL Date: 2020/8/21

WiFi-5G

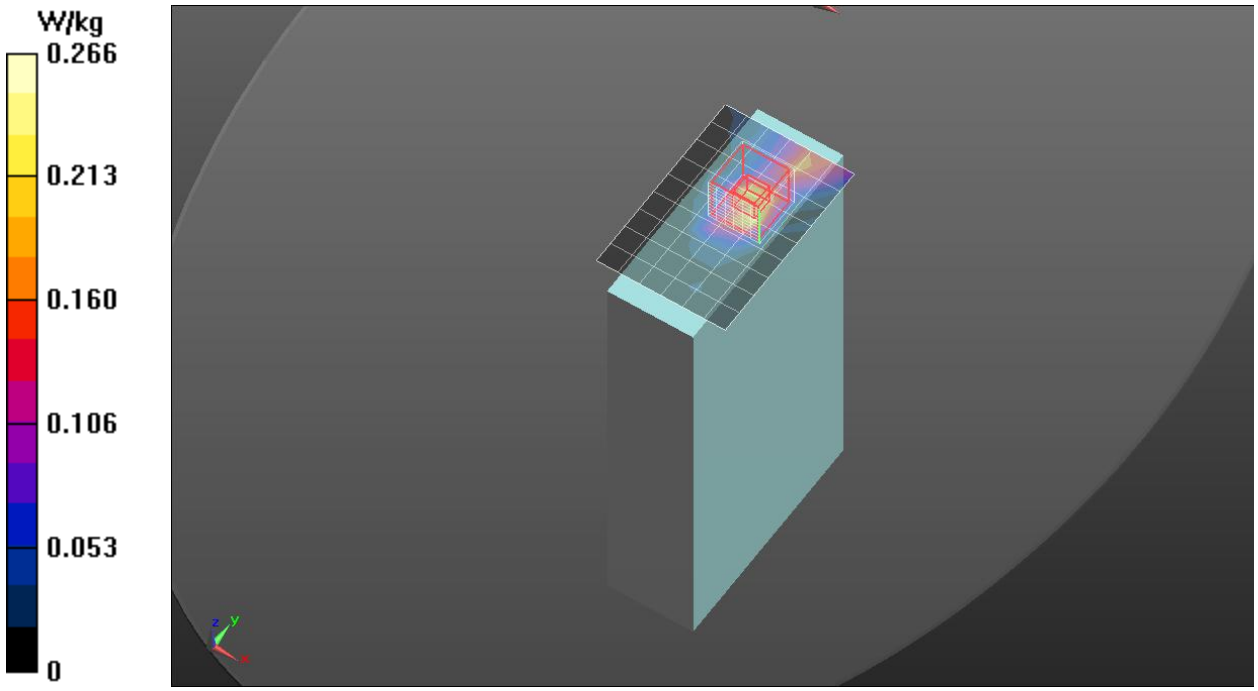
Frequency: 5755 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 5755 MHz; σ = 5.08 S/m; ε_r = 34.061; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2020/6/4
- Probe: EX3DV4 - SN7369; ConvF(4.68, 4.68, 4.68) @ 5755 MHz; Calibrated: 2020/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

Tire-pressure monitoring system/Edge4/802.11n40/Main Ant/Ch 151/Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.222 W/kg

Tire-pressure monitoring system/Edge4/802.11n40/Main Ant/Ch 151/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.034 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.028 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 46.5%
Maximum value of SAR (measured) = 0.266 W/kg



Test Laboratory: BTL Date: 2020/9/10

WiFi-2.4G

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.871 S/m; ε_r = 37.623; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2020/6/4
- Probe: EX3DV4 - SN7369; ConvF(7.6, 7.6, 7.6) @ 2437 MHz; Calibrated: 2020/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

Tire-pressure monitoring system/Edge4/802.11b/Main Ant/Ch 6/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.308 W/kg

Tire-pressure monitoring system/Edge4/802.11b/Main Ant/Ch 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.278 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.406 W/kg
SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.104 W/kg
Smallest distance from peaks to all points 3 dB below = 13.9 mm
Ratio of SAR at M2 to SAR at M1 = 50%
Maximum value of SAR (measured) = 0.329 W/kg