

Wi-Fi 2.4GHz Band

DUT: WiFi Digital Video Recorder;

Communication System: UID 0, WiFi (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.813$ S/m; $\epsilon_r = 39.185$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.5°C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(7.65, 7.65, 7.65) @ 2462 MHz; Calibrated: 2019/6/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2019/6/13
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Right/Main Ant/802.11b/Ch11/Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0532 W/kg

Configuration/Right/Main Ant/802.11b/Ch11/Zoom Scan (5x5x4)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.290 V/m; Power Drift = 1.10 dB

Peak SAR (extrapolated) = 0.0820 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.019 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 57.3%

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0703 W/kg

