

SAR exclusion for W-LAN stand alone

According to the below FCC KDB#447498 D01 Section 3), W-LAN stand alone SAR is excluded.

FCC KDB#447498 D01 Section 3)

- 3) Transmitters and modules for use in portable exposure conditions that allow simultaneous transmission
- b) SAR is not required for the following simultaneous transmission conditions
- i) When excluded by the procedures in KDB 616217 or KDB 648474.
 - ii) When specific requirements for simultaneous transmission SAR evaluation have not been established for the host platform or device configuration:
 - (1) for the antennas that are located < 5 cm from persons, where
 - (a) The closest antenna separation distance is ≥ 5 cm for all simultaneous transmitting antennas within the host or device; and
 - (b) The sum of the 1-g SAR is < 1.6 W/kg for all simultaneous transmitting antennas that require stand-alone SAR evaluation or the SAR to peak location separation ratios are < 0.3 for all simultaneous transmitting antenna pairs and
 - (c) The output power is $\leq 60/f_{\text{(GHz)}}$ mW for any simultaneous transmitting antenna(s) for which stand-alone SAR evaluation is not required.

The power threshold of $60/f_{\text{(GHz)}}$ (Source-Based Time Average of Conducted power) for W-LAN of this device is 24.9mW and the maximum W-LAN average output power of this device is 7.044 mW.

Therefore SAR for W-LAN stand alone is excluded.