

RF Exposure Attestation

Re: Standalone SAR Test Exclusion

FCC ID: EW4DWMW082

Based on the criteria for Standalone SAR test exclusion listed in Section 4.3.1. of KDB 447498 D01 General RF Exposure Guidance v05r01:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0,$

Where:

max. power of channel is rounded to the nearest mW
min. test separation distance is the greater of 5 mm and the actual minimum separation distance (rounded to the nearest mm)

An assessment was made using the above-stated formula to determine this product's eligibility for SAR test exclusion, and this process is illustrated in the table below:

1. Measured or Actual Value

Max. power of Channel: 3.98mW (6.0dBm)
Min. test separation distance: 0mm
(original worst value 802.11b is 5.5dBm + 0.5dBm = 6.0dBm)

2. Values used for Computation

Max. power of Channel: 4mW
Min. test separation distance: 5mm

3. Results

$[(4\text{mW})/(5\text{mm})][\sqrt{2.480}] = 1.24$

The computed value is <3, therefore, this product qualifies for Standalone SAR test exclusion.