

§1.1307 (b) (3) - RF EXPOSURE

Applicable Standard

According to KDB 447498 D04 Interim General RF Exposure Guidance.

1-mW Test Exemption:

Per § 1.1307(b)(3)(i)(A), a single RF source is exempt RF device (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance. This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions. This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption.

Result

For worst case:

Frequency (MHz)	Maximum EIRP (dBm)	Maximum EIRP (mW)	Exemption Limit (mW)	Test Exemption
2402-2480	-5.88	0.26	1	Yes

Note: the maximum E-Field strength is 89.32dBuV/m@3m. So the EIRP=89.32-95.2=-5.88dBm

Result: Compliant