

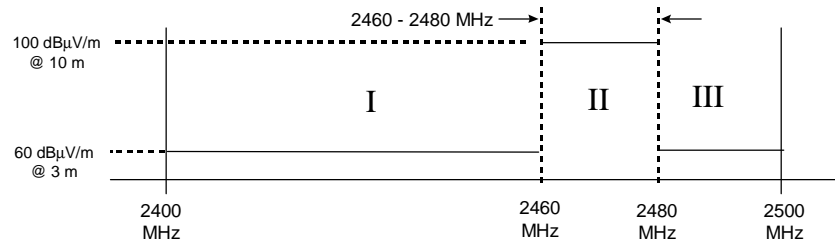
NPRM 98-42 Study Group Update

Jim Zyren

NPRM 98-42

- Recommended authorization of RF Lights operating in 2.45 GHz ISM band
 - NO LIMIT on in-band emissions!
 - Only FDA limits on human exposure apply
 - Final OET recommendation sent to Commission in December, 1998
- Part 15 Interests appealed directly to Commission
 - Commission delayed final resolution pending efforts of interested parties to seek resolution

Latest Proposal (July 99)



Region I : 2400 - 2460 MHz. RF lighting restricted to 1 mV/m (avg)

Region II : 2460 - 2480 MHz. RF Light emission limit of 100 dBμV/m @ 10 m (equivalent to 330 mV/m @ 3m). Consistent with CISPR15 limits.

Region III : 2480 - 2500 MHz. RF lighting restricted to 1 mV/m (avg)
This portion of the band includes satellite services.

Motion

- Submit a revised letter to the FCC and Fusion Lighting on spurious emission levels