

March 1999

doc.: IEEE 802.11-99/068

RF Lighting Background

- Apr. '98: FCC NPRM (ET Docket 98-42)
 - Rules for RF lighting in 2.45 GHz ISM Band
 - No limit on in-band emissions in 2.45 GHz ISM band
 - IEEE 802.11 submitted comments in opposition
- Nov. '98: OET Recommendation to Commission
 - OET recommends adoption of proposed rules
 - OET felt that Part 15 community had no standing in Part 18 matter
- Dec. '98: Part 15 direct appeal to Commission
 - Commission delayed approval of proposed rule
 - directed parties (RF Lighting / Part 15) to seek resolution
- Jan. '99: Part 15 and RF Lighting Interests met
 - Part 15 proposed 20 mV/m @ 3 m limit --- immediately rejected
 - Part 15 provided data on impact of RF lights on ISM radios
- Mar. '99: Part 15 Submitted Alternative Proposal

Submission

Slide 1

Jim Zyren, Harris Semiconductor

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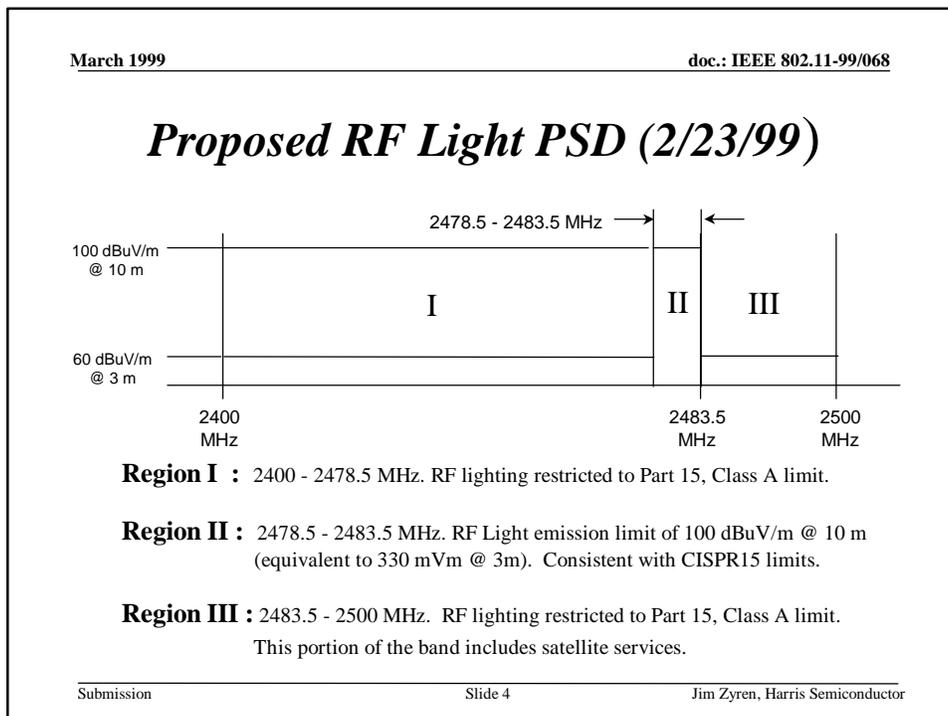
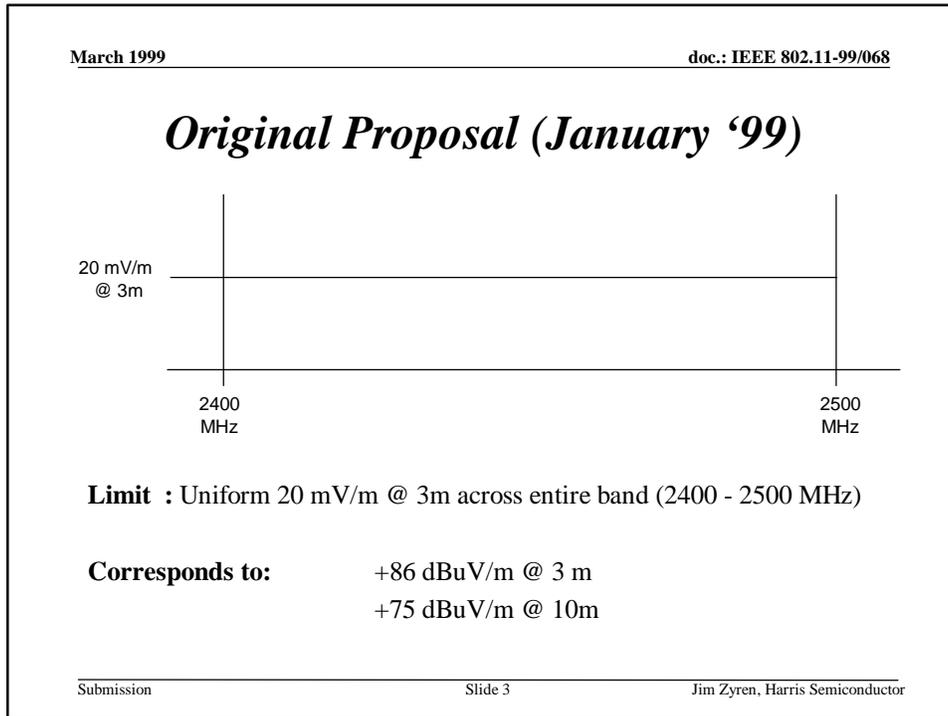
Interested Parties

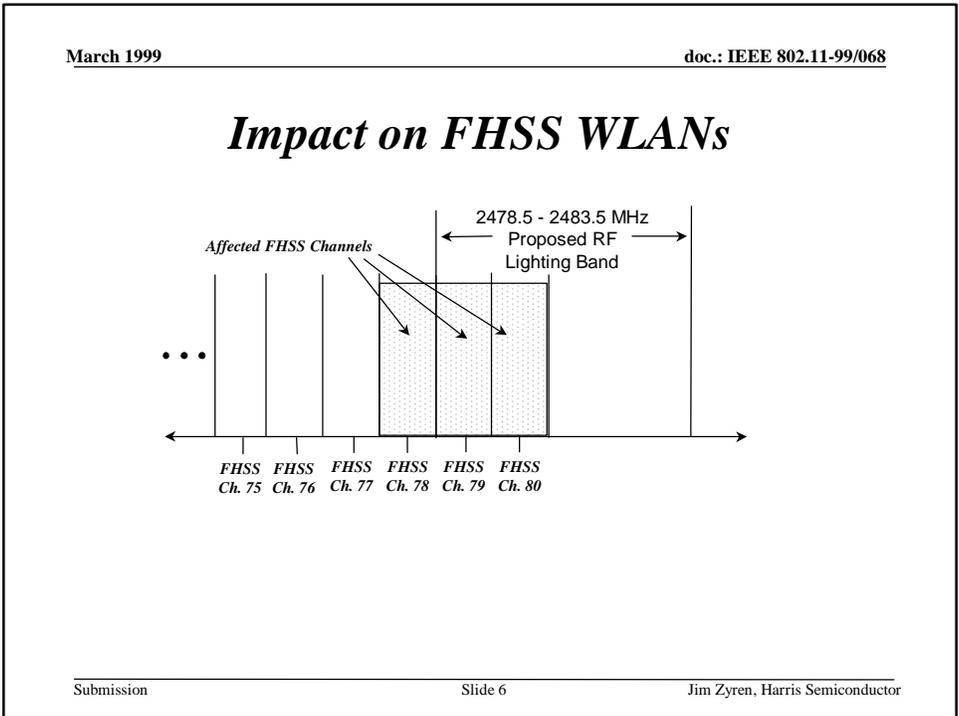
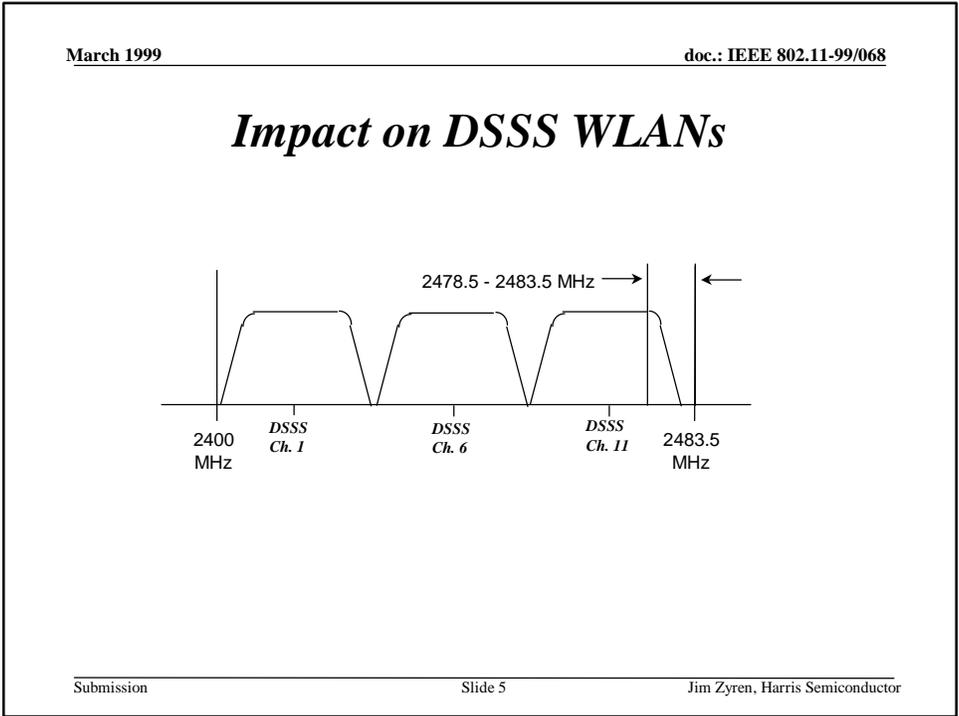
- *Communications Interests*
 - Part 15
 - Harris
 - Symbol
 - 3COM
 - Ericsson
 - Bluetooth Promoters
 - Metricom
 - Part 15 Coalition
 - IEEE 802.11
 - Mobile Satellite Service (MSS)
 - AirTouch
- *RF Lighting Interests*
 - Fusion Lighting

Submission

Slide 2

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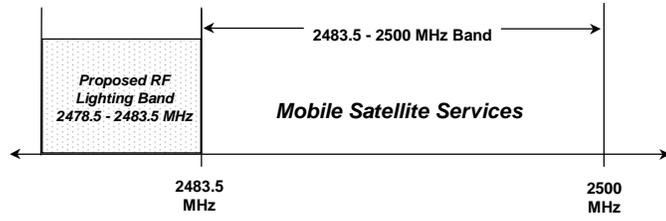




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Impact on 2483.5 - 2500 MHz Band



Submission

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