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Wireless LANs

Summation of Raytheon Proposal for TGb

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We at Raytheon realize that OQPSK might be some complexity increase over QPSK, but we still feel that it yields an average power efficiency advantage. This is especially true over Lucent's PPM. We feel that power efficiency is very important.

We also feel that at least three channels are required, as is bandwidth fairness to stations (vs. Micrilor's near-far problem and its adverse effect on some stations).

Further, we believe that Walsh coding provides good performance with low complexity, but agree that Offset might require further evaluation.

After a proposal is chosen, it is normal to refine the draft standard. In the event we are not chosen, we support the Harris proposal as being the one most likely being able to consider incorporating our ideas.