

RF Spectrum Ad Hoc – Minutes December 4, 2012

Provided the IEEE-SA Patent Policy link. Everyone on the call was familiar with the patent policy.

- <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf>

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Discussed exclusion sub-bands

Discussed possible minimum bandwidth for exclusion sub-bands. One suggestion was 500 kHz. The number of subcarriers would depend on the selection of the subcarrier spacing.

Discussed whether exclusion sub-bands address egress and ingress. Egress control would be to limit impact on some wireless systems like LTE. There was at least one example where an operator turned off a QAM channel in a large city (NYC) to limit egress.

For egress control either exclusion sub-bands could be used or adaptive bit loading.

We need to specify the characteristics of the protected services to understand how exclusion sub-bands will be needed to protect these services.

Included two new items under recommendations to the Task Force

- Exclusion sub-bands are configured by the operator
- Exclusion sub-bands are for reducing the channel bandwidth, protection of legacy cable services and for controlling egress in specific spectrum

Attendance

Person	Affiliation
Edward Boyd	Broadcom
Alan Brown	Aurora
Jim Farmer	Aurora Networks
Marek Hajduczenia	ZTE
Mark Laubach	Broadcom
Benny Lewandowski	CTDI
Leo Montreuil	Broadcom
Christian Pietsch	Qualcomm
Bill Powell	Alcatel Lucent
Duane Remein	Huawei
Steve Shellhammer	Qualcomm
Tom Staniec	Cohere Communications
Ron Wolfe	Aurora Networks