



04-186: Unlicensed Operation in the TV Bands
Industry highlights and
Summary of our recommendations

Meeting with FCC

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TV Bands Proceeding Dashboard

Summary of Concerns, Proposals and Recommendations

	TVBD Mfr and ASPs	NSPs (Fixed & Wireless)	Microphone Mfr & End Users	TV Broadcasters
Business drivers	Connect consumers to online services	Provide stable wireless broadband service	Continuity of service Interference protection	
Proceeding goals	Maximize consumer convenience Minimize operational constraints	Stable, efficient unlicensed inventory management	Timely, priority access to channels Convenient DB registration	Slow, steady, secure
Concerns	Restricted access Onerous pricing Burdensome security	Service interruptions Channel preemption from microphones	TVBD Interference	
Key Bridge Recommendations to FCC	Neutral administrator Open standards Monitor pricing & consumer adoption	Policy guidance re: protected parties	Strong security between devices & database Clarify responsibilities and possibly delegate authority interference mediation TVBD testing & certification requirements	

Critical Path Requirements for Success

FCC Rules should consider economic incentives



A Sustainable Market for Unlicensed Operation

Create positive incentives for legal operation

Remove consumers from the payment equation



End-to-end TV bands security model

Mandatory for commercial operation

Rules must insist on reasonable device security



Industry self policing policy & mechanisms

Interference will happen, Industry should solve it first

All parties are responsible for interference avoidance

Industry must agree on interference mediation