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February 11, 2013

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**FILED/ACCEPTED**

FEB 11 2013

Federal Communications Commission  
Office of the Secretary

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12th Street, S.W.  
Washington, DC 20554

**Re: RM- 11664, Service Rules for the Fixed Service in the 41.0-42.5 GHz Band  
Ex Parte Communication**

Dear Ms. Dortch:

On behalf of the Fixed Wireless Communications Coalition, Inc. (FWCC),<sup>1</sup> pursuant to Section 1.1206(b)(1) of the Commission's Rules, I am electronically filing this written *ex parte* communication in the above-referenced docket.

On May 8, 2012, the FWCC filed a Petition for Rulemaking in this docket that sought service rules for the Fixed Service in the 41-42.5 GHz band. Included among our requests was a channelization scheme based on bandwidth multiples of 7 MHz bandwidth (7 MHz, 14 MHz, 28 MHz, 56 MHz, and 112 MHz).

<sup>1</sup> The FWCC is a coalition of companies, associations, and individuals interested in the Fixed Service—i.e., in terrestrial fixed microwave communications. Our membership includes manufacturers of microwave equipment, fixed microwave engineering firms, licensees of terrestrial fixed microwave systems and their associations, and communications service providers and their associations. The membership also includes railroads, public utilities, petroleum and pipeline entities, public safety agencies, cable TV providers, backhaul providers, and/or their respective associations, communications carriers, and telecom attorneys and engineers. Our members build, install, and use both licensed and unlicensed point-to-point, point-to-multipoint, and other fixed wireless systems, in frequency bands from 900 MHz to 95 GHz. For more information, see [www.fwcc.us](http://www.fwcc.us).

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On July 24, 2012, by Reply Comment, the FWCC withdrew its request as to the 41-42 GHz portion of the band, and left standing the request as to 42-42.5 GHz.

Today, the FWCC is filing a “Supplemental Petition for Rulemaking” that requests a non-Federal Fixed Service allocation and service rules at 42.5-43.5 GHz. A grant of that request, together with the 42-42.5 GHz request in this docket, will result in a contiguous Fixed Service band 1.5 GHz wide, over 42-43.5 GHz.

This letter will bring our request for 42-42.5 GHz into conformity with that for 42.5-43.5 GHz, so as to result in uniform rules across the entire 42-43.5 GHz band. Specifically, the FWCC amends its earlier request to add a proposed power limit and to revise the proposed channelization, as detailed below.

**Power.** We recommend that power limits be set at a maximum of 23 dBm in any 10 MHz of bandwidth (conducted power spectral density at the antenna flange).

**Channelization.** We propose that the Commission authorize channel bandwidths of 30, 40, 50, 60, 80, and 100 MHz, centered as shown in the following tables. For simplicity of manufacture, the difference between transmit and receive frequencies for every channel pair is consistent throughout at 750 MHz.

(1) 30 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
42030	42780
42060	42810
42090	42840
42120	42870
42150	42900
42180	42930
42210	42960
42240	42990
42270	43020
42300	43050
42330	43080
42360	43110

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42390	43140
42420	43170
42450	43200
42480	43230
42510	43260
42540	43290
42570	43320
42600	43350
42630	43380
42660	43410
42690	43440
42720	43470

(2) 40 MHz bandwidth channels:

<b>Transmit (receive) (MHz)</b>	<b>Receive (transmit) (MHz)</b>
42035	42785
42075	42825
42115	42865
42155	42905
42195	42945
42235	42985
42275	43025
42315	43065
42355	43105
42395	43145
42435	43185
42475	43225
42515	43265
42555	43305
42595	43345
42635	43385

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42675	43425
42715	43465

(3) 50 MHz bandwidth channels:

<b>Transmit (receive) (MHz)</b>	<b>Receive (transmit) (MHz)</b>
42050	42800
42100	42850
42150	42900
42200	42950
42250	43000
42300	43050
42350	43100
42400	43150
42450	43200
42500	43250
42550	43300
42600	43350
42650	43400
42700	43450

(4) 60 MHz bandwidth channels:

<b>Transmit (receive) (MHz)</b>	<b>Receive (transmit) (MHz)</b>
42045	42795
42105	42855
42165	42915
42225	42975
42285	42035
42345	42095
42405	43155

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42465	43215
42525	43275
42585	43335
42645	43395
42705	43455

(5) 80 MHz bandwidth channels:

<b>Transmit (receive) (MHz)</b>	<b>Receive (transmit) (MHz)</b>
42055	42805
42135	42885
42215	42965
42295	43045
42375	43125
42455	43205
42535	43285
42615	43365
42695	43445

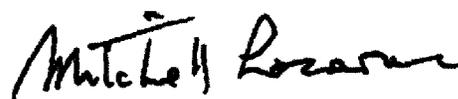
(6) 100 MHz bandwidth channels:

<b>Transmit (receive) (MHz)</b>	<b>Receive (transmit) (MHz)</b>
42075	42825
42175	42925
42275	43025
42375	43125
42475	43225
42575	43325
42675	43425

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We ask the Commission to expeditiously issue Notices of Proposed Rulemaking in this docket and in response to today's Petition for Rulemaking at 42.5-43.5 GHz.

Respectfully submitted,



Mitchell Lazarus  
Counsel for the Fixed Wireless  
Communications Coalition

cc: Courtesy Service List

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