

Clarice Thompson

From: James Burtle
Sent: Friday, May 02, 2008 11:58 AM
To: Clarice Thompson
Subject: FW: WDSXGN, 0159-EX-ST-2008; STA for Red Bull Air Races

Clarice,

Please make this part of the record for WDSXGN.

Thanks,

Jim

From: bfitpc@aol.com [mailto:bfitpc@aol.com]
Sent: Friday, May 02, 2008 11:48 AM
To: louislibin@broad-comm.com
Cc: Leann Nguyen; dsumner@arrl.org; prinaldo@arrl.org; dhenderson@arrl.org; howard@pactv.com; James Burtle
Subject: WD9XGN, 0159-EX-ST-2008; STA for Red Bull Air Races

Lou: I have just been made aware of the above-referenced STA grant, covering a period just before the Red Bull air races in San **Diego**. Some of the frequencies included in this STA are completely inappropriate, relative to interference inevitably to be caused to the Amateur Radio Service. There is no coordination requirement with the American Radio Relay League, Incorporated in this STA, though there should have been. We would strongly recommend that you avoid the use of the following frequencies included in this STA, because in our view, interference to licensed Amateur Radio stations is very likely:

All **428** MHz channels; all **433** MHz channels; the frequencies **434.65** MHz and **441.7** MHz; and the frequency **2300** MHz.

In southern California, all of these frequencies are actively used by Amateur Radio operators. **428** MHz is used for television; **433-435** MHz is used for repeater and auxiliary links; **441** MHz is used for television repeater inputs; and the band **2300-2305** MHz, and especially **2304** MHz, is heavily used by Amateur Radio operators for weak signal long distance narrowband communications using extremely sensitive receivers. Your STA application indicates that your use of the UHF channels will be at either **5** watts or **400 mW**, and the **2300** MHz operation will be using **8** MHz COFDM emissions at **2** watts ERP, from aircraft up to **250** meters in the air. These operating parameters create a very significant interference potential to Amateur Radio, most especially at **2300** MHz.

Had you contacted me or the ARRL prior to filing this application, we would have informed you of this, and perhaps directed you to the volunteer frequency coordinators for the Amateur Service to obtain replacements that would have had less of an impact.

Should any interference be suffered by licensed Amateur Radio stations as the result of this commercial operation that you are conducting for one of Broad Comm's clients, we will pursue available administrative remedies. Please consider making no use of the above frequencies, and please consider coordinating future **STAs** on behalf of your broadcast network clients with ARRL in advance of filing,

5/2/2008

to the extent that you propose to use Amateur Radio allocations. Most often, **ARRL** does not oppose the use of Amateur allocations on a short-term basis. Your proposed use of the above channels is, however, extremely ill-advised.

Regards, Chris Imlay

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