

CASE REPORT EB-05-AT-032

8.2 HRS Spent on 30N36

Utility Field:  Safety  Confidential  Congressional  Unlicensed Source: Suspense Date Status **CLOSED**

Start Date 3/18/200 Office AT HQ# Local# Logged by

COMPLAINANT SUBJECT  
Name ~~XXXXXXXXXXXXXXXXXX~~ ~~XXXXXXXXXXXXXXXXXX~~

Company

Address ~~XXXXXXXXXXXXXXXXXX~~ ~~XXXXXXXXXXXXXXXXXX~~

City ~~XXXXXXXXXX~~ ~~XXXX~~ ~~XXXXXXXXXX~~ ~~XXXX~~

Pri Phone ~~XXXXXXXXXX~~ Fax Pri Phone ~~XXXXXXXXXX~~ Fax

Alt Phone ~~XXXXXXXXXX~~ Alt Phone

Call Sign N4DA Freq MHz Call Sign Freq MHz

Xmtr City State Twr# Lat Long

Activity Enforcement - General ActCode 30N36 Rule Part 15B

Project Radiators Unintentional Part 15B Action Plan Involved Not a WSR Item

GENERAL CASE DESCRIPTION

- Information Transfer
- Investigation
- HFDF Bearing
- Unlicensed
- Comm Prob Resolution
- Inspection
- Inquiry/Complaint
- Safety

C-Alt Contact

C-Alt Call or ID

S-Contacts

Tower Owner

Other Site Info:

Problem Radio frequency interference involving Mr. ~~XXXXXXXXXX~~, ~~XXXXXXXXXX~~, ~~XXXXXXXXXX~~, CA  
Description: ~~XXXX~~. Part 15 problem regarding an alarm system or something on the alarm panel.

RULE VIOLATIONS

WORK EVENTS

Event Date	Agent	Event Type	IN	OUT	Travel Cost	Problem Resolution
3/18/2005	<del>XXXX</del>	OPEN				
5/19/2005	<del>XXXX</del>	UPDATE	4.0		\$0.00	<del>XXXX</del> , <del>XXXX</del> , <del>XXXX</del> went to the subject's house. We used the FIM-41 meter to verify that rf energy was coming for somewhere within the house. We walked all around the house and most indications showed the source to be close to the power entry point. We talked to <del>XXXXXXXXXX</del> . She didn't want to let us in the house, but she said they would cooperate. She assumed that one or more of the neighbors were trying to run her family out of the neighborhood.
5/20/2005	<del>XXXX</del>	UPDATE	0.2			I talked with <del>XXXXXXXXXX</del> , who agreed to meet me at his house on May 25 at 4:00 pm to shut off the breakers to determine the circuit the device was on.

CASE REPORT EB-05-AT-032

5/25/2005	<del>OPEN</del>	CLOSED	4.0	<p>Went to <del>XXXXXXXXXX</del>'s house. Listened to the ix on his antennas (500' beverage and colinear verticals and tri-beam) and receiver, a Yaesu FT1000D. I characterized the noise as much as possible by attaching his antennas directly to the R&amp;S FSH-2 and characterizing the ix pattern. The FIM-41 was also tuned to the 3.77 MHz which was the strongest of the interfering signals. Nulls indicated a broadband noise signal was coming from the direction of the <del>XXXXXXXXXX</del> house. With this information I went to the <del>XXXXXXXXXX</del>'s house and worked with <del>XXXXXXXXXX</del> <del>XXXXXXXXXX</del> as he turned off the house breakers one at a time while watching the FIM-41. As he turned off one of the breakers the ix disappeared. We found a computer and the alarm system on that breaker. By eliminating them one at a time we determined the computer was the culprit. He said that his children had put the computer together and it remained on all of the time. He agreed to replace the computer and in the mean time leave it disconnected.</p>	
Totals Hours / Travel -			0.2	8.0	\$0.00



FEDERAL COMMUNICATIONS COMMISSION  
ENFORCEMENT BUREAU  
memorandum

TO: ~~Franklin D. Smith~~, District Director  
FCC Atlanta

FROM: ~~Mark J. Smith~~, Enforcement Bureau *MJK*

SUBJECT: Radio Frequency Interference: Request for Enforcement Action Against Mr. ~~Franklin D. Smith~~  
~~Franklin D. Smith, 12345 Main St., Atlanta, GA 30300~~; Case #2679; Complainant  
~~Franklin D. Smith, 12345 Main St., Atlanta, GA 30300~~.

DATE: March 16, 2005

We request enforcement action against the residents of ~~12345 Main St., Atlanta, GA~~, for Part 15 violations resulting in debilitating interference to the above named complainant. After letters and e mails, we are still unable to get any cooperation from the residents. Complainant is a radio service technician and has isolated the interference to an alarm panel area in the house at ~~12345 Main St.~~

Relevant materials are attached, including contact information for the complainant. Complainant knows the ~~residents'~~ general schedule:

Thank you!

Enclosures: 21 pages

*Thanks Frank -*  
*[Signature]*

~~XXXXXXXXXXXX~~

---

**From:** ~~XXXXXXXXXX [mailto:XXXXXXXXXXXX@XXXXX.XXX]~~  
**Sent:** Monday, March 14, 2005 7:37 AM  
**To:** ~~XXXXXXXXXX~~  
**Subject:** RE:

I can't do anything until after we close on the house which will be next month.

-----Original Message-----

**From:** ~~XXXXXXXXXX [mailto:XXXXXXXXXXXX@XXXXX.XXX]~~  
**Sent:** Wednesday, March 09, 2005 1:55 PM  
**To:** ~~XXXXXXXXXX~~  
**Subject:**

Hello. You may not have gotten my message--I was out of town on another computer. But in response to your offer to let a licensed and bonded alarm company check things out, I had asked for contact info-- numbers & best times to call. Do you still want to try that remedy? I'd suggest that, because you may get a new alarm system out of it, since ~~XXXX~~ has said he'd pay for anything that needs to be done. At any rate, let me know as soon as you can. Thanks

\*\*\* Non-Public: For Internal Use Only \*\*\*

3/14/2005

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~~XXXXXXXXXXXXXXXXXXXX~~

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From: ~~XXXXXXXXXXXXXXXXXXXX~~  
Sent: Thursday, February 24, 2005 11:30 AM  
To: ~~XXXXXXXXXXXXXXXXXXXX~~  
Subject: Re: Neighbor interference problem

Mr. ~~XXXXXXXXXXXXXXXXXXXX~~

As we have discussed, my neighbor is operating a device that is causing interference to licensed communication. That is against the law, as you have informed him.

Yet, the interference continues, and the second letter, which was to more explicitly and absolutely require his compliance in eliminating the cause of interference, has not been issued as you promised.

I certainly apologize if I take an overly simplistic view of this situation, but it seems a straightforward problem with a simple remedy. There may be reasons why no progress has been made on this seemingly simple problem, but if so, they are certainly obscure to me.

Is it possible that FCC has softened its attitude toward interference with Amateur Radio Communication?

Whatever the reason, some sort of action on this matter is required.

I not only use my home for amateur radio operation, but operate my business; which is repair and service of HF transceivers. see <http://www.n4da.com> It is very difficult to evaluate receiver performance with this type of noise in the area. It is not only affecting my hobby; but my livelihood as well.

I will reluctantly pursue other avenues of relief; if you confirm that no further action is planned.

3/4/2005

~~XXXXXXXXXXXXXXXXXXXX~~

From: ~~XXXXXXXXXXXXXXXXXXXX~~  
Sent: Monday, February 28, 2005 12:08 PM  
To: ~~XXXXXXXXXXXXXXXXXXXX~~  
Subject: Neighbor interference and alarm company

Ok I have the info on an Alarm company:

**ADT**

Contact Name: ~~XXXXXXXXXXXXXXXXXXXX~~ residential service manager  
Phone number : ~~770-517-5100~~

I talked to Mr. ~~XXXXXXXXXXXX~~ this morning and he understands the situation and is willing to work with us. He is waiting to receive your call.

*I believe it should be made clear to Ms. ~~XXXXXXXXXXXX~~ that this about the noise not just the alarm system.* If it turns out not to be the alarm system; I would like the ADT service technician to turn off the house AC power; circuit breaker by circuit breaker. In this manner we can isolate the noise to an individual breaker and from there an individual device. I do not believe this will be difficult to find; since we know the noise has gone away during a power outage. I explained this to Mr. ~~XXXXXXXXXXXX~~. This is the procedure I was going to try, but was never given the chance. *Ms. ~~XXXXXXXXXXXX~~ needs to understand this. The ADT technician is there to find the noise not necessarily repair the alarm system.* It is also important that the ADT technician contact me during the service call to confirm when and if the noise goes away; otherwise we have no way of knowing if we are solving the problem.

If you need to contact me by phone: business ~~770-517-5100~~ or if an answering machine

cell: ~~XXXXXXXXXXXX~~. I think this problem will soon be solved. Thanks for all your help. --- ~~XXXXXXXXXXXXXXXXXXXX~~

~~XXXXXXXXXXXXXXXXXXXX~~

To: ~~XXXXXXXXXX~~  
Subject: RE: Interference

OK i will be in touch with them. They had agreed to let the burglar alarm guy in, but they have not answered my request for the contact info and best times and numbers to call. I'll see what is going on.

\*\*\* Non-Public: For Internal Use Only \*\*\*

-----Original Message-----

From: ~~XXXXXXXXXX~~ [mailto:~~XXXXXXXXXXXXXXXXXXXX@XXXXXX~~]  
Sent: Tuesday, March 08, 2005 3:11 PM  
To: ~~XXXXXXXXXX~~  
Subject: Interference

Have you heard anything from Ms. ~~XXXXXXXXXX~~ regarding a time for a service call? If you have not heard anything at this point; I do not think you are going to. Needless to say; I still have the noise. It would not be any inconvenience for her to agree to a service call; since she has been home every afternoon for the past week. Unfortunately, I do not believe these people will ever voluntarily cooperate with anyone. It will probably be necessary to move the process to the next level, but that is your call to make. I hope something proves fruitful soon. This is really becoming tiresome. I would like to thank you again for all your help.

If there is anything you can think of that I can do; please let me know. I have raked my brain, but I just can not think of anything that I have not already tried. I look forward to hearing your thoughts.-----

~~XXXXXXXXXXXXXXXXXXXX~~



FEDERAL COMMUNICATIONS COMMISSION  
Gettysburg, PA 17325-7245

2/8/05 Note to file. Telephone conversation with Lord.

[REDACTED] is a radio technician and repairs electronics for a living. He says that the [REDACTED] keep to themselves and were not cooperative, even though he explained that he lived right behind them and pointed out his house.

He said that they did unplug the charger for the alarm system battery but the interference didn't go away. He thinks it still could be the alarm system because the battery is still connected and it would take several days or a week for it to go out if the charger was left unplugged.

He said he talked to the manufacturer of the alarm system and was told that it could happen for various reasons, one being a voltage surge from lightning. The system could possibly be reset and solve the problem, according to the manufacturer. Manufacturer said also that the system was obsolete and no longer supported.

[REDACTED] went back over to the [REDACTED] with a new service manual for them for the alarm system, which explained how to re-set it, but [REDACTED] refused to take it.

Complainant [REDACTED] said he used an am radio set on 3.8 MHz and a directional antenna to find the source, during the time the [REDACTED] let him in the house. He said the signal nulled off the ends of the directional antenna when pointed right at the Alarm service panel.

[REDACTED] offered to pay for whatever needed repair or replacement, no matter what it was, and the offer continues he says.

*[Handwritten signature]*  
2/8/05



**SENDER: COMPLETE THIS SECTION**

1 Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
2 Print your name and address on the reverse so that we can return the card to you.  
3 Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:  
*Ms. [Handwritten Name]*  
*[Handwritten Address]*  
*[Handwritten Address]*

Article Number  
(Transfer from service label)

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature *[Handwritten Signature]*  Agent  
 Addressee

B. Received by (Printed Name) *[Handwritten Name]* C. Date of Delivery *2-17*

D. Is delivery address different from item 1?  Yes  
if YES, enter delivery address below:  No  
*RECEIVED & INSPECTED*  
*FEB 18 2005*  
*FCC-GBG MAIL ROOM*

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

7003 0500 0000 9845 9804



FEDERAL COMMUNICATIONS COMMISSION  
Gettysburg, PA 17325-7245

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

February 8, 2005

Mr. ~~XXXXXXXXXX~~  
~~XXXXXXXXXX~~  
~~XXXXXXXXXX~~

RE: Warning Notice: Radio Frequency Interference

Dear Mr. ~~XXXXXX~~:

The Federal Communications Commission notified you by letter dated December 27, 2004 that it has received complaints of harmful radio interference apparently caused by consumer electronic equipment inside your residence.

In the December 27 letter, you were advised that this problem, if unresolved, could be a violation of FCC rules and could result in a monetary forfeiture (fine) for each occurrence. The letter explained the responsibility of consumers in regard to radio interference from incidental radiators. The interference from your residence is apparently resulting from a defective alarm system or doorbell transformer, or some other device near the alarm system control panel. If the alarm system is defective (and malfunctions are sometimes caused by lightning), temporarily disconnecting the charger and the battery would quickly indicate that. Disconnecting the doorbell transformer momentarily would indicate whether the problem was from the transformer.

You were requested to advise this office within 30 days of what steps you were taking to correct this reported interference problem, but you have not done so. The complainant, a licensed radio operator, reports that the interference continues. We note also that the complainant has offered to pay for repair or replacement of whatever device is causing the interference. In order to avoid enforcement action, please advise this office within 20 days of receiving this letter of what action you have made, or intend to make, in order to identify and correct the source of these radio emissions.

If you have any questions about this matter, please contact me at 717-338-2502.

Sincerely,

Special Counsel  
Enforcement Bureau

CC: FCC South Central Regional Director

~~XXXXXXXXXXXXXXXXXXXX~~

From: ~~XXXXXXXXXXXXXXXXXXXX~~  
Sent: Monday, February 07, 2005 3:20 PM  
To: ~~XXXXXXXXXXXXXXXXXXXX~~  
Subject: Re: Neighbor interference problem

Yes, it is there loud as ever!

----- Original Message -----  
From: ~~XXXXXXXXXXXXXXXXXXXX~~  
To: ~~XXXXXXXXXXXXXXXXXXXX~~  
Sent: Monday, February 07, 2005 1:38 PM  
Subject: Neighbor interference problem

Are you still hearing it ?

\*\*\* Non-Public: For Internal Use Only \*\*\*

~~XXXXXXXXXXXXXXXXXXXX~~

From: ~~XXXXXXXXXXXXXXXXXXXX~~  
Sent: Monday, January 31, 2005 3:01 PM  
To: ~~XXXXXXXXXXXXXXXXXXXX~~  
Subject: Re: Neighbor interference problem

Also, just a further bit of information. There were several times the weekend when the interference went away. Friday afternoon from 4:00pm to 4:45PM and Saturday From 6:45AM until 2:00PM. The noise was completely gone during these times. In addition there was a power failure in the neighborhood from 12:00 AM until 1:30AM Sunday morning. During the time of the power failure the interference was gone. I was using a battery powered HF radio to listen for it. This does increase the likelihood; that it my be some other device in his house; other than alarm system generating the interference. If it is the alarm system. It seems likely that the interference should be there with the power off. The system powers off of a battery in the event of a power failure. Of cause it is possible he has removed the battery. In any case; the noise is still coming from his house alarm system or not

I can not explain why the noise was gone during the other times. I can only guess he was experimenting with the alarm system; or had some other device off or unplugged. Whatever is causing the interference; it was off during those times. Those are the only times I have not had the interference in over 7 months. Of course it is still there today.

----- Original Message -----  
From: ~~XXXXXXXXXXXXXXXXXXXX~~  
To: ~~XXXXXXXXXXXXXXXXXXXX~~  
Sent: Monday, January 31, 2005 2:16 PM  
Subject: RE: Neighbor interference problem

Tnx

\*\*\* Non-Public: For Internal Use Only \*\*\*

-----Original Message-----  
From: ~~XXXXXXXXXXXXXXXXXXXX~~  
Sent: Wednesday, January 26, 2005 10:20 AM  
To: ~~XXXXXXXXXXXXXXXXXXXX~~  
Subject: Re: Neighbor interference problem

OH YES! It is coming from his house. There is no doubt about that. I wanted be absolutely sure of this. This morning I drove around the neighborhood with my mobile rig on 80 meters. At 3.762 Mhz the signal in his drive way is 20db over S9. At 600 feet from his house. in any direction. it drops to s5. This is on a mobile antenna. I can still hear the interference at over 3/4 mile from his house; although it is weak. I had previously confirmed this, but I just wanted to double check. As to the alarm system causing the interference. I am 99% sure it is the culprit. According to Mr. ~~XXXXXXXXXX~~'s own verbal admission; the alarm system is not operational. Why he does not just turn it off; is beyond my comprehension.

----- Original Message -----  
From: ~~XXXXXXXXXXXXXXXXXXXX~~  
To: ~~XXXXXXXXXXXXXXXXXXXX~~  
Sent: Tuesday, January 25, 2005 4:12 PM  
Subject: RE: Neighbor interference problem

Can you tell if it is still coming from his house ?

~~XXXXXXXXXXXXXXXXXXXX~~

From: ~~XXXXXXXXXXXXXXXXXXXX~~  
Sent: Monday, January 31, 2005 2:30 PM  
To: ~~XXXXXXXXXXXXXXXXXXXX~~  
Subject: Re: Neighbor interference problem

Just an update on the situation. I called Mr. ~~XXXXXXXX~~ Yesterday morning. I can not talk to him directly. No one answers the phone, although I know he is home. I left a message on his answering machine stating the following:

1. I did not want to bother him, but I was still experiencing the interference.
2. I would pay for the repair or replacement of any items causing the radio interference. This would include the entire alarm system.
3. I would pay for a 1 years worth of security alarm monitoring by ADT or any other company of his choice.
4. In addition; I would pay for his time and trouble in this matter.
5. I stated: if any of this interested him; to please call me. I left my phone number.

I so far have not received a response. I really do not expect one. I really do not know what more I can do.

----- Original Message -----  
From: ~~XXXXXXXXXXXXXXXXXXXX~~  
To: ~~XXXXXXXXXXXXXXXXXXXX~~  
Sent: Monday, January 31, 2005 2:16 PM  
Subject: RE: Neighbor interference problem

Tnx

\*\*\* Non-Public: For Internal Use Only \*\*\*

-----Original Message-----  
From: ~~XXXXXXXXXXXXXXXXXXXX~~ [mailto:~~XXXXXXXXXXXXXXXXXXXX~~]  
Sent: Wednesday, January 26, 2005 10:20 AM  
To: ~~XXXXXXXXXXXXXXXXXXXX~~  
Subject: Re: Neighbor interference problem

OH YES! It is coming from his house. There is no doubt about that. I wanted be absolutely sure of this. This morning I drove around the neighborhood with my mobile rig on 80 meters. At 3.762 Mhz the signal in his drive way is 20db over S9. At 600 feet from his house, in any direction, it drops to s5. This is on a mobile antenna. I can still hear the interference at over 3/4 mile from his house; although it is weak. I had previously confirmed this, but I just wanted to double check. As to the alarm system causing the interference. I am 99% sure it is the culprit. According to Mr. ~~XXXXXXXX~~'s own verbal admission; the alarm system is not operational. Why he does not just turn it off; is beyond my comprehension.

----- Original Message -----  
From: ~~XXXXXXXXXXXXXXXXXXXX~~  
To: ~~XXXXXXXXXXXXXXXXXXXX~~  
Sent: Tuesday, January 25, 2005 4:12 PM  
Subject: RE: Neighbor interference problem

~~XXXXXXXXXXXXXXXXXXXX~~

From: ~~XXXXXXXXXXXXXXXXXXXX~~  
Sent: Tuesday, January 25, 2005 1:44 PM  
To: ~~XXXXXXXXXXXXXXXXXXXX~~  
Subject: Re: Neighbor interference problem

Well I am still hearing the interference. I am wondering if they have powered down the alarm system or had it repaired; if so the noise is not coming from the alarm system. I find this hard to believe. My best guess is he has done nothing; but I can not be absolutely certain of this. I am reluctant to contact him. I fear I might make the situation worse. You might inquire of him if anything has been done; since the interference continues. I will leave the next step up to your judgement. Thanks again ---- ~~XXXXXXXXXXXX~~

----- Original Message -----

From: ~~XXXXXXXXXXXXXXXXXXXX~~  
To: ~~XXXXXXXXXXXX~~  
Sent: Tuesday, January 25, 2005 9:55 AM  
Subject: RE: Neighbor interference problem

They sent an e mail asking about the situation, and I replied with their obligations. I'll take it to the next step if you are still hearing it.

\*\*\* Non-Public: For Internal Use Only \*\*\*

-----Original Message-----

From: ~~XXXXXXXXXXXXXXXXXXXX~~  
Sent: Tuesday, January 25, 2005 9:40 AM  
To: ~~XXXXXXXXXXXXXXXXXXXX~~  
Subject: Re: Neighbor interference problem

I was wondering if you have heard anything from Mr. ~~XXXXXXXXXXXX~~ concerning the letter you sent to him on Dec 27, 2004. I have heard nothing from him, and I still have the interference. Thanks for all your help.----- ~~XXXXXXXXXXXX~~

----- Original Message -----

From: ~~XXXXXXXXXXXXXXXXXXXX~~  
To: ~~XXXXXXXXXXXX~~  
Sent: Thursday, December 23, 2004 11:42 AM  
Subject: Neighbor interference problem

Hi. I have your fax and will have something out on this next week. Thanks

\*\*\* Non-Public: For Internal Use Only \*\*\*

~~XXXXXXXXXXXXXXXXXXXX~~

From: ~~XXXXXXXXXXXXXXXXXXXX~~  
Sent: Friday, January 21, 2005 10:55 AM  
To: ~~XXXXXXXXXXXXXXXXXXXX~~  
Subject: Radio Frequency Interference complaint

Good morning. We have your e mail of January 19. Well, we can certainly understand why you wouldn't want him to re-wire the alarm system. However, it would appear that it needs to be checked out. As the letter explained it is apparently radiating radio frequency signals that are causing interference, and the manufacturer says that it may be defective or have been damaged by lightning. The alarm system, if it is causing interference, would not have to be on to do so, but would of course have to be plugged in.

We respectfully disagree that this is a case of "absolutely absurd use of intimidation by a nul". since we deal with such interference cases every month, coming from battery chargers, cattle fences, aquarium heaters and so forth. If you are not using the alarm unit, have you unplugged it? You may want to try that, and it may be the safe thing to do anyhow if you are not using it. If it is indeed defective, and left plugged in, it could be hazard. For example, it is not uncommon for defective doorbell transformers to start fires. If plugged in, but not activated, probably all it is doing is charging the battery anyhow.

As the letter pointed out, numerous consumer devices radiate radio energy and that's fine as long as it is within the limits of FCC Part 15. How about we try this. Could you unplug it at a certain time, or for a period of a few days, let me know, and I'll check with the complainant to see if the noise is gone? If it is easier to discuss by phone, I'll be glad to call. Thank you and have a nice weekend.

\*\*\* Non-Public: For Internal Use Only \*\*\*

~~XXXXXXXXXXXXXXXXXXXX~~

From: ~~XXXXXXXXXXXXXXXXXXXX~~  
Sent: Wednesday, January 19, 2005 11:19 AM  
To: ~~XXXXXXXXXXXXXXXXXXXX~~  
Subject: receipt of letter

CASE #EB-2005-2679

~~XXXXXXXXXXXXXXXXXXXX~~

We received a letter from your office regarding some type of possible radio interference. We have a neighbor that came by the house that wanted to search the inside of our house with a home made box of some sort. He admitted that he didn't even know if the thing worked. Trying to be nice, my husband let him in while he walked around with this home made metal detector. He claimed a "noise" was coming from our alarm system and he would pay to have it fixed. A few days later he shows up with a manual and wants to rewire our alarm system. He is not a licensed electrician nor does he know any thing about alarm system technology. He became immediately irate when we refused to let him diddle with our wiring and began to threaten us.

Our alarm system is not in use and is disconnected. We have lived in our house for two years and have never activated or turned on the alarm system. I can't believe the FCC is taken the word of this disturbed man without investigating the source of the "noise" with a qualified technician and proper equipment. Since moving his antenna we have been having interference with our satellite. What's to say he is even legally operating his system.

I would appreciate your response on this absolutely absurd use of intimidation by a nut manipulating the government because he has a "noise" in his radio. We moved from our last home to get away from weirdoes and now they are knocking at our door. We just want to be left alone.

Looking forward to your response,

~~XXXXXXXXXXXXXXXXXXXX~~  
~~XXXXXXXXXXXXXXXXXXXX~~  
~~XXXXXXXXXXXXXXXXXXXX~~  
~~XXXXXXXXXXXXXXXXXXXX~~  
~~XXXXXXXXXXXXXXXXXXXX~~





Kiker

**SENDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:  
Mr. ~~XXXXXXXXXXXXXXXXXXXX~~  
~~XXXXXXXXXXXXXXXXXXXX~~  
~~XXXXXXXXXXXXXXXXXXXX~~  
~~XXXXXXXXXXXXXXXXXXXX~~

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
X *[Signature]*  Agent  Addressee

B. Received by (Printed Name) *[Signature]* C. Date of Delivery  
*[Signature]* 12-31

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No  
FBI  
JAN 11 2005

3. Service Type *FOU-GDC*  
 Certified Mail  Express Mail *LI.C.V.*  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

Article Number (Transfer from service label) 7003 0500 0000 9845 8814



FEDERAL COMMUNICATIONS COMMISSION  
Gettysburg, PA 17325-7245

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

December 27, 2004

Mr. ~~XXXXXXXXXX~~  
~~XXXXXXXXXX~~  
Cartersville, GA ~~XXXX~~

RE: Case #EB-2005-2679

Dear Mr. ~~XXXXXX~~:

The Federal Communications Commission has received a complaint that a security alarm system in your residence is causing harmful radio interference to a licensed operator in the Amateur Radio Service. The operator is ~~XXXXXXXXXX~~ of ~~XXXXXXXXXX~~.

The FCC has the responsibility to require that such problems be rectified within a reasonable time. Under FCC rules, such equipment is classified as an "incidental radiator." This term is used to describe equipment that does not intentionally generate any radio-frequency energy, but that may create such energy as an incidental part of its intended operation.

To help you better understand your responsibilities under FCC rules, here are the most important rules relating to radio and television interference from incidental radiators:

Title 47, CFR Section 15.5 General conditions of operation.

(b) Operation of an intentional, unintentional, or incidental radiator is subject to the conditions that no harmful interference is caused and that interference must be accepted that may be caused by the operation of an authorized radio station, by another intentional or unintentional radiator, by industrial, scientific and medical (ISM) equipment, or by an incidental radiator.

(c) The operator of the radio frequency device shall be required to cease operating the device upon notification by a Commission representative that the device is causing harmful interference. Operation shall not resume until the condition causing the harmful interference has been corrected.

Title 47, CFR Section 15.13 Incidental radiators.

Manufacturers of these devices shall employ good engineering practices to minimize the risk of harmful interference.

Title 47, CFR Section 15.15 General technical requirements.

(c) Parties responsible for equipment compliance should note that the limits specified in this part will not prevent harmful interference under all circumstances. Since the

operators of Part 15 devices are required to cease operation should harmful interference occur to authorized users of the radio frequency spectrum. The parties responsible for equipment compliance are encouraged to employ the minimum field strength necessary for communications, to provide greater attenuation of unwanted emissions than required by these regulations, and to advise the user as to how to resolve harmful interference problems (for example, see Sec. 15.105(b)).


The FCC prefers that those responsible for the proper operation of equipment assume their responsibilities fairly. This means that you should resolve the interference caused by the device and make necessary corrections within a reasonable time. While the FCC has confidence that most people are able to resolve these issues voluntarily, the FCC wants to make you aware that this unresolved problem may be a violation of FCC rules and could result in a monetary forfeiture (fine) for each occurrence.

The American Radio Relay League, a national organization of Amateur Radio operators, may be able to offer help and guidance about radio interference that involves Amateur Radio operators.

American Radio Relay League  
Radio Frequency Interference Desk  
225 Main Street  
Newington, CT 06111  
860-594-0200  
Email: rfi@arrl.org

Please advise this office within 30 days of the steps you are taking to resolve the radio interference. If you have any questions about this matter, please contact me at 717-338-2502 or by e mail at ~~William.Winter@fcc.gov~~. Thank you for your cooperation.

Sincerely,

  
Special Counsel  
Enforcement Bureau

CC: FCC South Central Regional Director

December 22, 2004

TO: ~~XXXXXXXXXXXXXXXXXXXX~~  
 FROM: ~~XXXXXXXXXXXXXXXXXXXX~~  
 RE: RF interference to ~~XXXXXX~~

Mr. ~~XXXXXXXXXX~~:

Thank you for your quick response and offer to help with this problem. As you requested, I am sending you the details of the situation.

I have been experiencing RF interference in the form of unstable RF carriers and wide band white noise on all HF amateur bands 160 meters through 15 meters. These carriers are at times greater than S9 on my receiver. I determined as long ago as 6 months that the interference was coming from a house located 400 feet from me. At the time I decided to just tolerate it rather than create tension. However in the past few weeks the interference strength has increased. I felt I could no longer tolerate it and operate my amateur equipment with any degree of enjoyment.

Therefore, on Dec. 5 of this year I personally visited the house in question, introduced myself to Mr. ~~XXXXXXXXXX~~, and explained that I was an amateur radio operator and was experiencing interference from some device in his home. I explained that I would like to try to find the device and that if it was something that could be economically replaced, I would be glad to pay for it.

At this time I expected to find something like a cell phone charger, cordless phone charger, garage door opener, etc. Mr. ~~XXXXXXXXXX~~ reluctantly allowed me to enter the house. Using a battery operated HF receiver ICOM 725 and a hand-held directional receiving antenna for 3.8 MHz, I determined within 5 minutes that the RF signals were coming from his security alarm system. Mr. ~~XXXXXXXXXX~~ informed me that he did not know how the security system operated, did not use it, and wasn't certain that it even worked.

I suggested that we turn the system off, but he refused. I offered to obtain the model and type of alarm system and check with the manufacturer to determine if there was anything that could be done to clear up the interference. I asked if I could come back with this information and any suggestions from the manufacturer. He agreed and gave me his phone number.

The model and type of alarm system is Safewatch Plus 1A-910-50, manufactured by Moose Products for ADT Security systems. After contacting Moose Products and ADT, I was informed that no RF radiation of this type should take place, and that if it is, the unit is defective and possibly damaged by lightning. Furthermore, this is an old system and not compatible with the current remote reporting format used by ADT and would need to be upgraded to be operational in any event. Their best advice was to disconnect the system until it can be upgraded for proper use. However they did suggest that powering down the system and turning it back on could possibly clear the RF interference. It was

also possible that one of the remote sensors on the system was defective, causing this problem.

I called Mr. ~~Thurman~~ on Dec. 10 and left a message on his answering machine sharing this information. I told him I would like to come over and try to clear the interference with a couple of simple tests. I waited two days but never received a response although I could see his vehicle in his drive way. On Dec. 12, I visited his residence a second time to approach him personally. I had researched the alarm panel and obtained schematics and a copy of the owner's manual. I explained all this to Mr. ~~Thurman~~ but he refused to allow me entry to his house. I offered him the copy of the owner's manual; he refused it.

I told him I then had no choice but to involve the FCC in order to clear up the interference. I repeated my request that we work together to solve the problem ourselves. He had no response. I then thanked him for his time and left.

I am reluctant to come to you with this matter, but I have no other options. I am an electronics technician and I repair amateur radio equipment for a living. I have worked with RF communications equipment for over 30 years. I am certain from the tests that I ran that the RF interference is coming from his alarm system. The RF interference on my portable receiver using a directional antenna always peaked at his master alarm control panel or remote keypads.

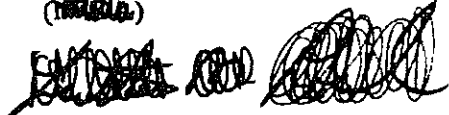
Mr. ~~Thurman~~'s full name and address are as follows:

~~XXXXXXXXXX~~  
~~XXXXXXXXXXXXXXXXXXXX~~  
~~XXXXXXXXXX, OK 44130~~  
Home Phone: ~~XXXXXXXXXX~~

As additional information, Mr. ~~Thurman~~ does not actually own the house at this time. He is leasing but will purchase it within the next 90 days. I contacted the actual owner of the home, Mr. ~~XXXXXXXXXX~~, who was very cooperative, but only able to deal with the real estate agency at this point. He felt there was nothing he could do.

Thank you again for taking the time to read this and for any help you can offer in this matter. I will be glad to offer any additional details I may have omitted.

~~XXXXXXXXXXXXXXXXXXXX~~  
(XXXXXX)



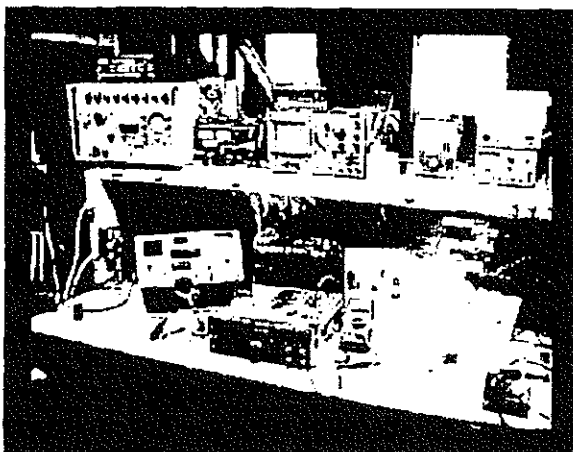
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