



News from the offices of Munn-Reese June 2021

Thumbs Feebleman, Editor & F.C.C. Theologian

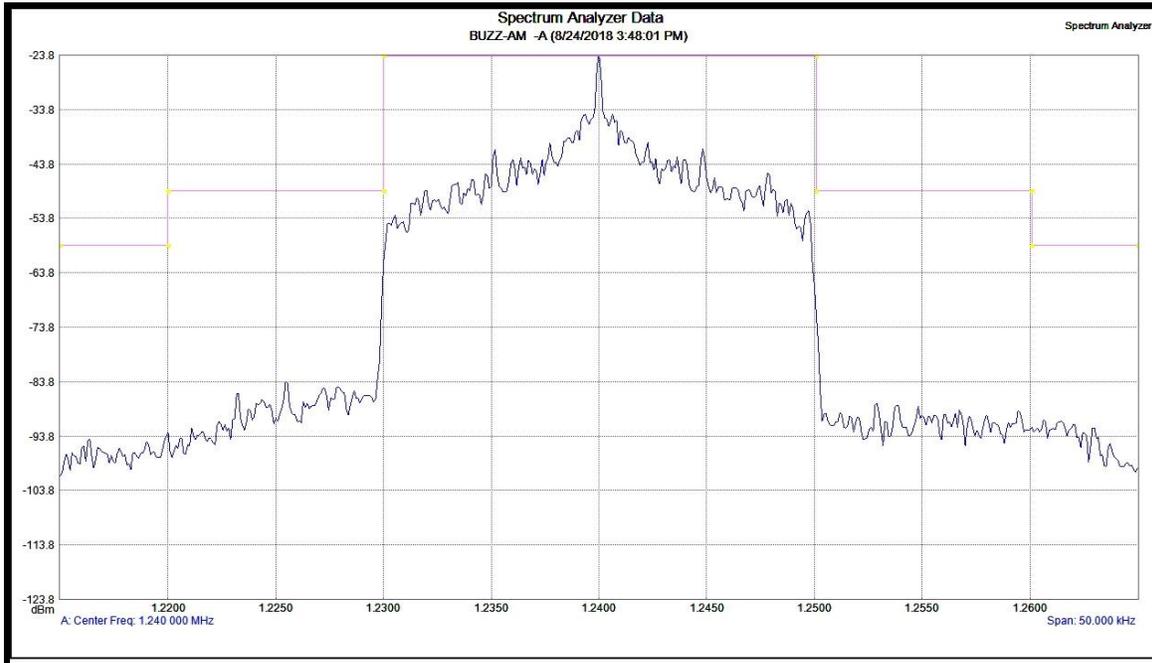
Thumbs@Munn-Reese.com

www.Munn-Reese.com

NRSC Measurements Start June 1st

Its Time for Michigan, Indiana and Ohio Stations to Sign up.

NRSC-AM 1240



Contact Rick, Bruce or Ed to get on the list for the 2021 Michigan NRSC run. Added an FM signal, new exciter or new transmitter? We can help!

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The Munn-Reese Coverage Map

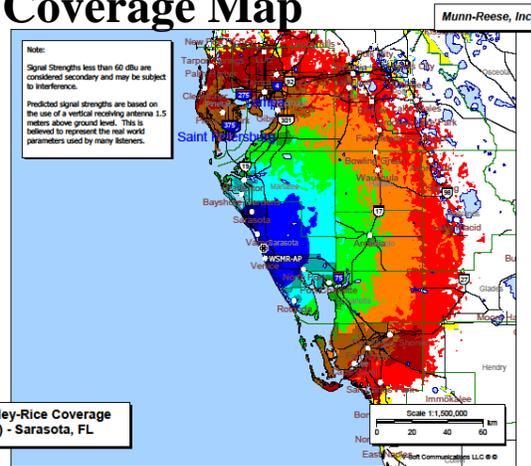
RFR Studies
AM Array Design
AM Array Tune up
AM Frequency Searches
AM Method of Moments
Coverage Maps
Duopoly Studies
FAA 7460 No Hazard
FM Allocations Studies
FM Frequency Searches
Population Counts
Tower Registrations
Translator Studies
Contact Bruce Bellamy Bruce@Munn-Reese.com 517-278-7339

WSMR-AP
Sarasota, FL
Proposed
Latitude: 27-09-03 N
Longitude: 82-27-51 W
ERP: 50.00 kW
HAAT: 130.0 m
Channel: 206
Frequency: 98.1 MHz
ANSL Height: 131.0 m
Elevation: 3.0 m
Hrs. Pattern: Omni
Vert. Pattern: No
Prog Model: Longley/Rice
Climate: Cont temperature
Conductivity: 0.0040
Dielr Const: 15.0
Refractivity: 333.0
Receiver Ht AG: 1.5 m
Receiver Gain: 0 dB
Time Variability: 50.0%
St. Variability: 50.0%
ITR Mode: Broadcast

Note:
Signal Strengths less than 60 dBu are considered secondary and may be subject to interference.
Predicted signal strengths are based on the use of a vertical receiving antenna 1.5 meters above ground level. This is believed to represent the real world parameters used by many listeners.

■ > 70.0 dBu
■ 60.0 - 70.0
■ 50.0 - 60.0
■ 40.0 - 50.0
■ 30.0 - 40.0

Predicted Longley-Rice Coverage
WSMR (Appl) - Sarasota, FL



PUBLIC NOTICE

[DA 21-463](#)

April 21, 2021

NCE FM New Station Application Filing Window

Window Open from November 2, 2021 to November 9, 2021

MB Docket No. 20-343

The Media Bureau (Bureau) announces a filing window for applications for noncommercial educational (NCE) FM new station construction permits. The filing window will open at 12:01 am EDT on Tuesday, November 2, 2021, and close at 6:00 pm EST on November 9, 2021. The window is available for FM reserved band (channels 201 – 220) proposals.

New applications must be filed electronically on FCC Form 2100, Schedule 340 in the Bureau's Licensing Management System (LMS). The Commission recently amended its rules and procedures for filing NCE FM applications and selecting and licensing competing NCE FM applications. The Bureau will provide detailed information about filing procedures and requirements by public notice in advance of the filing window. Interested applicants also may monitor the Audio Division Web Page for information and developments: <http://www.fcc.gov/media/radio/audio-division/>. - FCC –

#

PUBLIC NOTICE

[DA-21-361](#)

April 1, 2021

AUCTION OF AM AND FM BROADCAST CONSTRUCTION PERMITS SCHEDULED FOR JULY 27, 2021

NOTICE AND FILING REQUIREMENTS, MINIMUM OPENING BIDS, UPFRONT PAYMENTS, AND OTHER PROCEDURES FOR AUCTION 109

More information at the above link.

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FCC ENFORCEMENT ADVISORY

[DA-21-453](#)

REMINDER: AMATEUR AND PERSONAL RADIO SERVICES LICENSEES AND OPERATORS MAY NOT USE RADIO EQUIPMENT TO COMMIT OR FACILITATE CRIMINAL ACTS

The Enforcement Bureau (Bureau) of the Federal Communications Commission issues this Enforcement Advisory to again remind licensees in the Amateur Radio Service, as well as licensees and operators in the Personal Radio Services, that the Commission prohibits the use of radios in those services to commit or facilitate criminal acts. The Bureau recognizes that these services can be used for a wide range of permitted and socially beneficial purposes, including emergency communications and speech that is protected under the First Amendment of the U.S. Constitution. **Amateur and Personal Radio Services, however, may not be used to commit or facilitate crimes.**

As we did in our January 17 advisory earlier this year, the Bureau reminds amateur licensees that they are prohibited from transmitting “communications intended to facilitate a criminal act” or “messages encoded for the purpose of obscuring their meaning.” Likewise, individuals operating radios in the Personal Radio Services, a category that includes Citizens Band radios, Family Radio Service walkie-talkies,

and General Mobile Radio Service, are prohibited from using those radios “in connection with any activity which is against Federal, State or local law.” Individuals using radios in the Amateur or Personal Radio Services in this manner may be subject to severe penalties, including significant fines, seizure of the offending equipment, and, in some cases, criminal prosecution.

Media inquiries should be directed to 202-418-0500 or MediaRelations@fcc.gov. To file a complaint with the FCC, visit <https://consumercomplaints.fcc.gov> or call 1-888-CALL-FCC. To report a crime, contact your local law enforcement office or the FBI. To request materials in accessible formats for people with disabilities (Braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer & Governmental Affairs Bureau at (202) 418-0530 (voice), (202) 418-0432 (TTY). Issued by: Chief, Enforcement Bureau.

NOTE FROM THUMBS: The Enforcement Bureau has issued this notice because of the cheap imported Baofeng and Wouxun radios from China. These little radios are unlocked and will communicate on some sensitive frequencies. A young lad in Texas ran amuck turning on the weather sirens faster than 911 could turn them off. He spent days teasing the city police, fire, ambulance and numerous contractors. On slow days he just talked back to fat people and good looking chicks at the burger drive through. He was apprehended but it took a considerable effort.

One kid intent on causing mayhem & mischief and we all get the friendly reminder from the FCC. The Dude abides....

#

For Immediate Release [DOC-371715A1](#)

DEMOCRATS PRESSURE FCC TO DENY SALE OF SPANISH-LANGUAGE RADIO STATION IN FLORIDA BASED ON POLITICAL VIEWPOINTS

“To win in 2022 this must stop!” Florida Democrat Says of Campaign

WASHINGTON, April 19, 2021—Congressional Democrats recently called on the FCC to reject the sale of a Spanish-language radio station in South Florida based purely on politics. According to the Democrat Representatives, the FCC must block this change in ownership to prevent what they view as a progressive broadcast station from beginning to air conservative viewpoints to Miami’s Hispanic community.

As [Newsweek](#) reported, “Members of the Congressional Hispanic Caucus (CHC) mobilized ... to pressure the Federal Communications Commission to ... reject the sale of the well-known Miami radio station Caracol 1260 AM.” Separately, [Newsweek](#) wrote that Florida Democrats are sounding the alarm and reported that one former Obama Administration official called the sale of the station “‘a problem’ for the party.” Former Representative Debbie Mucarsel-Powell added that “To win in 2022 this must stop!” in reference to the [Newsweek story](#).

FCC Commissioner Brendan Carr issued the following statement in response:

“This attempt by Democrats in Congress to pressure the FCC into blocking the sale of a Spanish-language radio station based on the political viewpoints that it would broadcast to South Florida’s Hispanic community crosses a line drawn by the First Amendment. The FCC has no business doing the Democrats’ bidding or using our regulatory process to censor political opinions that Democrats do not like. What’s worse, the Democrats appear to be treating the FCC as merely an arm of the DNC—expressly pressuring the agency to take action that they believe will increase their electoral odds in Florida in 2022.

“This is a deeply troubling transgression of free speech and the FCC’s status as an independent agency. I call on my FCC colleagues to join me in publicly rejecting this attempt to inject partisan politics into our licensing process. Doing so would go a long way in assuring the public that the FCC will review this proposed transaction free from political pressure and according to our long-standing rules and precedents.” **Commissioner Brendan Carr: (202) 418-2200** www.fcc.gov/about/leadership/brendan-carr
Media Contact: Benjamin Arden, (202) 418-0288 or benjamin.arden@fcc.gov

NOTE FROM THUMBS: The above FCC News Release was included in the April 20, 2021 FCC digest. It was easy to miss. Most of us did not hear anything about this in the national media. It does not require much logic to wonder why given the times. Commissioner Brendan Carr stood firm on the Commissions stance of free speech and he deserves a hero’s welcome.

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PUBLIC NOTICE

[DA 21-363](#)

Released: April 2, 2021

OFFICE OF ENGINEERING AND TECHNOLOGY

ANNOUNCES MAY 3, 2021 AS THE EFFECTIVE DATE FOR RF EXPOSURE RULE CHANGES AND BEGINNING OF THE TWO-YEAR REVIEW PERIOD FOR EXISTING PARTIES ET

This Public Notice announces that the rule modifications governing the Commission's radiofrequency (RF) exposure standards will become effective on May 3, 2021, and that the two-year period for existing parties to ensure compliance with the new rules will also begin on that date.

NOTE FROM THUMBS: This review of the exposure rules does not play much with broadcasters. But it does have some implications for Ham Radio operators. ALL amateur operators need to self test their stations to show safety standards are in compliance not just for them but others including the neighbors. The FCC understands that a significant number of Ham Operators live in apartment buildings. An antenna clamped to the railing of a balcony might be very close to the neighbors in an apartment complex. The American Radio Relay League has software on it web site to help Hams evaluate the RF exposure. The software is free and it can be used to develop a certificate of compliance. I know a ham operator who moved in to his new retirement complex and he was excited because he was on the 5th floor. He spent hours hiding his 2 meter antenna and running the coax around the sliding glass door. Installed a bench, power supply, all mode radio and 100 watt amp, he was ready to go! Keyed the microphone and before he could say one word.... The fire control system went off! The ham and all his new neighbors had a meet and greet on the front lawn.

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PUBLIC NOTICE

[DA-21-683](#)

Released: June 11, 2021

MEDIA BUREAU REMINDS CERTAIN PERMITEES OF NEW DIGITAL LOW POWER TELEVISION AND TELEVISION TRANSLATOR STATIONS OF UPCOMING JULY 13, 2021 CONSTRUCTION PERMIT EXPIRATION DEADLINE

The Media Bureau (Bureau), by this Public Notice, reminds certain permittees of new digital low power television and television translator (LPTV/translator) stations that their construction deadline – **July 13, 2021** – is fast approaching. This Public Notice contains information concerning the procedures these permittees must follow to ensure successful completion of their construction.

Construction Permits For New Digital LPTV/Translator Stations Expiring July 13, 2021

We remind permittees for new digital LPTV/translator stations with **July 13, 2021** construction permit expiration dates that, no later than **11:59 p.m. local time on July 13, 2021**, they must complete construction of their facilities, begin operating, and within 10 days file a license to cover application. Failure to do so will result in the construction permit being automatically forfeited without any further affirmative cancellation by the Commission. Instructions on filing an application for license to cover are included in the Appendix.

#

PUBLIC NOTICE

[DA-21-680](#)

Released: 2021-06-11.

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ANNOUNCES NATIONWIDE TEST OF THE EMERGENCY ALERT SYSTEM AND WIRELESS EMERGENCY ALERT SYSTEM ON AUGUST 11, 2021 AND OPENS THE EAS TEST REPORTING SYSTEM FOR FILINGS PS Docket Nos. 15-91, 15-94

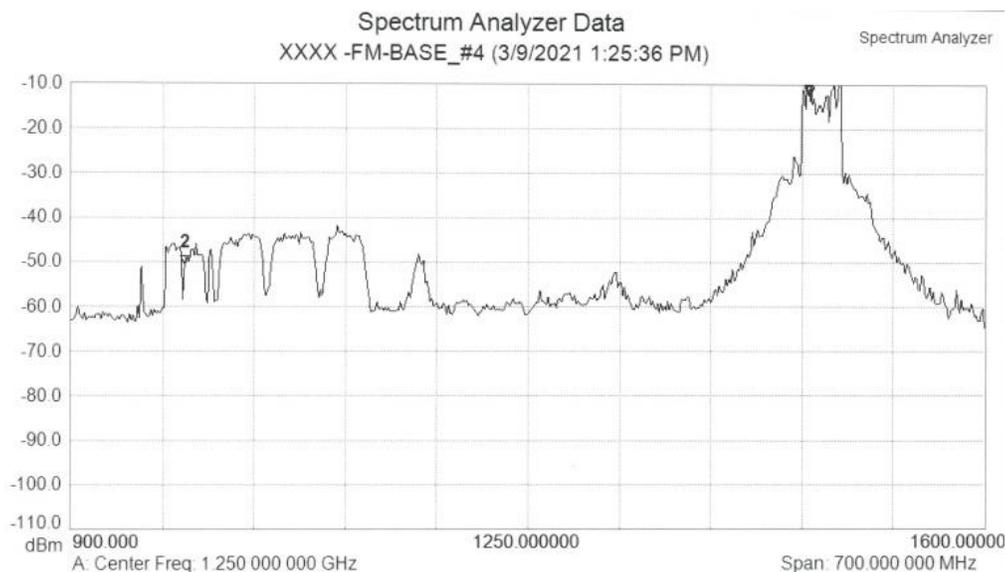
Today, the Public Safety and Homeland Security Bureau (Bureau) of the Federal Communications Commission (FCC or Commission) provides notice to all Participating Commercial Mobile Service (CMS) Providers, Emergency Alert System (EAS) Participants, and to the public that the Federal Emergency Management Agency (FEMA), in coordination with the FCC, will conduct a nationwide test of the EAS and Wireless Emergency Alerts (WEA) on August 11, 2021, at 2:20 p.m. Eastern Daylight Time (EDT), with a backup date of August 25, 2021 at 2:20 p.m. Eastern Daylight Time (EDT). The Bureau also provides notice that the EAS Test Reporting System (ETRS) is now available to accept 2021 filings. All EAS Participants must renew their identifying information in ETRS Form One on or before July 6, 2021.

#

M-R Engineering

The WIMAX Fly Swatter!

Munn-Reese was recently involved in one of the first cases of WIMAX interference to a C-Band down link dish. WIMAX or wireless internet delivery via RF is everywhere. Remember we all had to register our down link systems to get protection from the other users of the spectrum yet to arrive. These WIMAX systems are not internet toys, they operate with several hundred watts of power. This WIMAX system was preexisting before the registration. As well it was just about the worst possible geometry with the receive dish looking through the tower, very near the location of the WIMAX transmitting antennas. Nothing like a built in Jammer. This wimax operation put a huge pile of trash in to first down conversion and directly into the receiver. Here is a spectrum plot of the first down conversion.

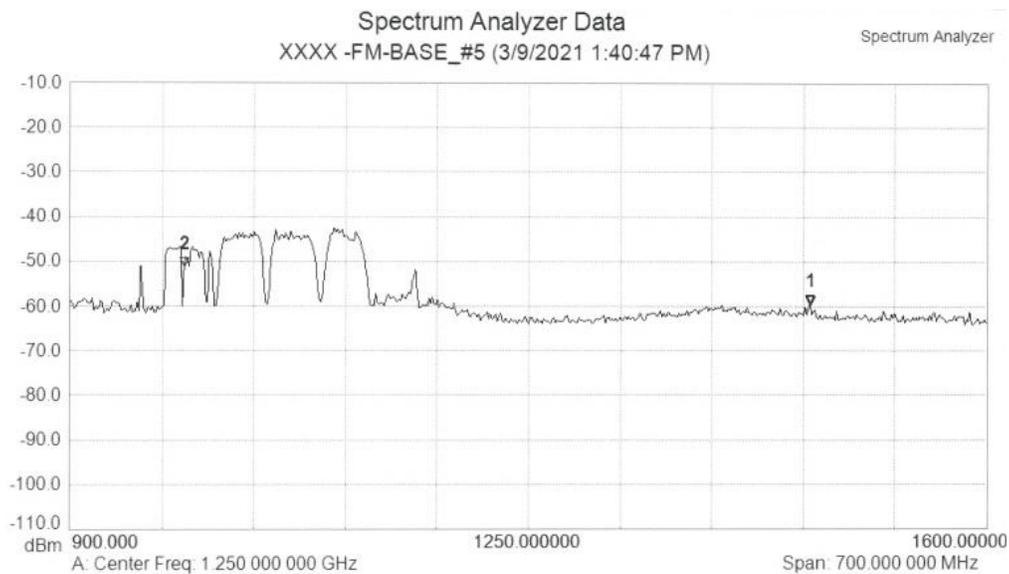


Wow, that is a pile of energy, looks like Devil's Tower out in Utah! Note that it is 50 dB above the noise floor and choking the receiver. Here is a photo of the Norsat 3200F-BPF-6 LNB we installed with the 5G filter.

The hardware companies making down link amps and filters are doing so in two steps. You need a filter for the final plan when 5G comes on line.



Here is a spectrum plot after the new LNB was installed. Boom! It is gone!



If it's Radio Frequency energy your having a problem with don't be afraid to call Ed, Rick or Bruce for help. Have Spectrum and Network Analyzers will travel!

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Microwave Frequency Coordination



Munn-Reese can help you with all your Part 74 Frequency Coordination and Licensing needs. For straight answers about STL or RPU systems and licensing requirements contact Rick Grzebik via email at Rick@Munn-Reese.com or 517-278-7339

The Best of The FCC Enforcement Actions

The Covid lock down has put a large dent in FCC field actions. The large number of actions in the FCC digest are from media not enforcement. More accurately failure to complete the requirements of the public file. Many stations are conducting Consent Decrees and making voluntary donations to the treasury department because of laziness. It's a no think issue, it has to be done. Put nothing in the file and your toast! I guess scads of stations enjoyed their toast with strawberry jam & cream cheese!

Then along comes Bob!

Bob is a contractor that only does the stations public file. Bob will glean the logs and enter data that helps the station with relevant issues to keep the FCC happy. He does it on time too. So just like the RF Guy who fixes the transmitter; the IT Guy who keeps the bits flowing; the Lawn Guy; The tower Guy; enter the Public File Guy.

Feed Back to: Thumbs@Munn-Reese.com

Thanks for Shopping at Munn-Reese

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