



SLATS



St. Louis Amateur Television Society

JANUARY 2026

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-ON THE NEWS FRONT-



[Mid-Central Premiere Hamfest for 2025](http://winterfest.slsrc.org)

SLATS newsletter is published monthly on the 15th as the official newsletter for the St Louis Amateur Television Society.

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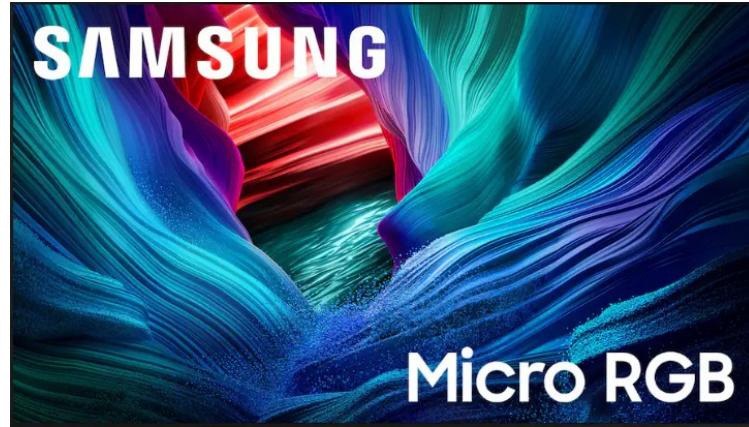
Weekly Nets
7pm Fall/Winter
8pm Spring/Summer
WØATN 440 in 426 out 4Mhz BW
Talk-back radio: 144.34 MHz



**WØATN NET CONTROLLER
FOR JANUARY**



**RICH
KBØCCL**

FROM THE PRESIDENTS DESK**Latest TV technology now using “micro” RGB pixel colors**

As you know, the primary colors are Red, Green and Blue (RGB) and adding them together they create white light as used in our TVs and PC monitors. By mixing them with secondary colors and we have more colors. Samsung always at the forefront of TV technology, has developed a technology called “micro” RGB that is capable of extreme brightness without wearing out the screen like the current OLED screen technology can do over time. You are probably thinking, my OLED TV is great, how could I want anything more? I remember back in the early 60s, folks would say that about their new Zenith Black and White TV. Well, when “color” arrived, these same folks found that they did need more and it was a new “color TV”. Wow! The same may be said sometime in the future about micro RGB TVs.

First introduced at CES (Consumer's Electronic Show) earlier this month in Las Vegas, Samsung demonstrated their micro RGB 130 inch (large enough for you?) mega bright TV. A beautiful field of flowers was shown which the high tech community called vibrant producing “pure” colors not seen before on TV screens. How did they do this? Instead of a single white backlight, it uses tens of thousands of red, green and blue LEDs for super saturated hues.

Smaller TV “sets” will be become available as the production is ramped up. LG also introduced a competing technology called Micro RB EVO. Competition is always good for the consumer, so maybe this time next year you'll have one in your hamshack for viewing the best picture on ATV. And if you can't wait for the latest, a 115" Samsung model is available at BestBuy today for only \$29, 995.99.

CES is one to have on your bucket list. The largest tech show in the world with 148k attending and over 4100 vendors, you will find the latest in consumer electronics there. <https://www.ces.tech/>

--Mel, K0PFX

WHAT'S HAPPENING

Dear **SLATS Member**,

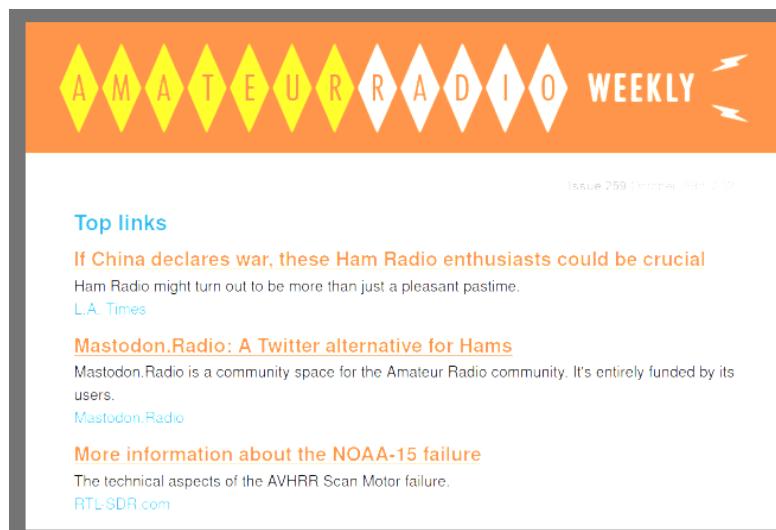
The deadline for **SLATS** newsletter articles is **13th of February**. You may send your article along with any photos to: rknod12@gmail.com

The preferred format is MS Word as a .docx file but a text file is acceptable. Pictures can be in .jpg or.png format and of medium to high resolution. Excel files are acceptable for tables etc.

Photos alone are also welcome. No story needed, just a few words for a caption.

The success of our **SLATS** newsletter depends on the input from the membership. Consider any type of article you feel would be of interest for the enjoyment of our readers.

73, **Rich, KBØCCL**



[Amateur Radio Weekly email newsletter of videos](#)
[and news for Ham Radio operators](#)



ITEMS FOR SALE OR GIVE-AWAY**SM-1000 HF DIGITAL VOICE ADAPTER****SALE FLEX 6700 SDR RADIO SALE****FREE**

Armand, KD0PXF, has a free 42" monitor for anyone to pickup. It is a Gaming or Computer Monitor, not a TV monitor. It has SVGA, composite, and component inputs up to 720P and 1080i and works fine! Any questions or to arrange a pick-up please contact Armand armandh@sbcglobal.net

**ICOM IC-451 A/E ALL MODE TRANSCEIVER****MOTOROLA SU42 SPIRIT PRO TWO-WAY RADIOS****YAESU FT 847 ~ HF/50/144/430 Mhz****ICOM IC-7000 with LDG-7000 AUTO TUNER****Free VHF/UHF Sweeping Oscillator****HALLICRAFTERS REMOTE ANTENNA TUNER****GO TO OUR WEBSITE****<https://slatsatn.net> for descriptions and pricing**

SOLAR UPDATE

[The K7RA Solar Update \(arrl.org\)](http://www.arrl.org/k7ra-solar-update)

SLATS REPEATER DVB-T WØATN**Technical Summary**

Coordinates: 38.72126N -90.46454W, Grid Square: EM48sr [What3Words](https://what3words.com/EM48sr)

Elevation: 671 ft AMSL, 90 foot Rohn tower

Transmitter: HiDes HV-200Pro 426.000 MHz Vertical polarization, DVB-T 16QAM @ 4MHz Bandwidth, Video PID 641, Audio PID 642, DCI ATV BP RX/TX Filters

Output Power: 426.000 MHz: (DVB-T) 25w Average

Receiver: HV-110, 440.000 MHz, 4 MHz bandwidth, 16 QAM DVB-T

Antennas: (2) New-Tronics Hustler Spirits, 9db 426TX and 440RX

Talk-Back radio: 2 Mtr FM Diamond Antenna at 45 ft

Coordination: Missouri Repeater Council (MRC) 2016

Sponsor: SLATS – St. Louis Amateur Television Society (SLATS).

Popular off the shelf equipment for High Definition receiving and transmitting is available at the [HiDes Company](http://www.hides.com) and on [eBay](http://www.ebay.com)

GOOD LUCK KID



I HOPE YOUR YEAR IS BETTER

THAN MY WAS

Ham Radio Quick Links:**Amateur Television Network**

<https://www.atn-tv.com/>

ATN Repeater video streaming

<https://www.atn-tv.com/events/streaming>

ATN on YouTube

<https://www.youtube.com/>

AmateurTelevisionNetwork

ATN on Whereby.com

<https://whereby.com/atn1>

TAPR - Tomorrow's Ham Radio

<https://tapr.org>

DIGITAL ATV**Digital Amateur Television D-ATV**

[https://www.dxzone.com/catalog/Operating Modes/Digital ATV/](https://www.dxzone.com/catalog/Operating%20Modes/Digital%20ATV/)

YouTube Videos**Dave Casler KEØOG - YouTube**

Videos <https://www.youtube.com/channel/UCaBtYooQdmNzq63eID8RaLQ>

Solar Index & Propagation Made Easy**The SmokinApe**

<https://www.youtube.com/user/TheSmokinApe>