



# The VHF-UHF Newsletter

The Worldwide TV-FM DX Association - P.O. Box 501 Somersville, CT 06072

*Think of it as the VUD Lite - No fluff, No frills, Just Data*

#2 April 2023

## It's Spring!

Welcome to your April newsletter. We have a few items for you this month. The complete VHF-UHF Digest returns next month.

## New Members

I forgot to mention this last time, so I'll give you the names of everyone who joined WTFDA since January first, and they are Ian Hardouin (NY), Michael Sheel (IA), Ken Kaiser (NJ), Kyle in DXSphere (WA), Carlon Howington (FL) and Dave Freeman (NY). Welcome to all of you!

## Anyone Want Old VUDS?

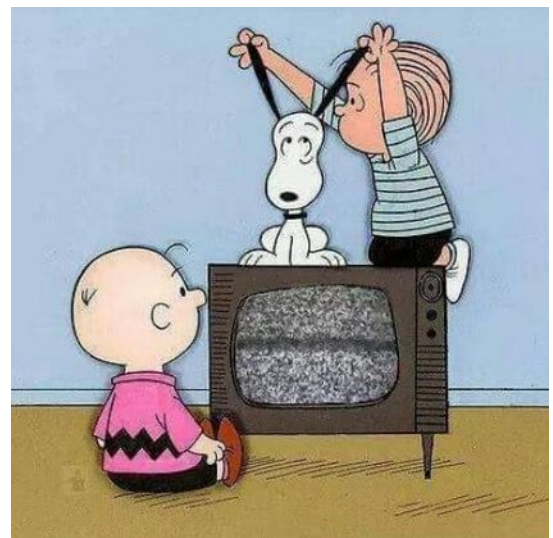
Old timers may remember the name of Dr. Joel Rosenberg. He was, along with Mark Lewis, one of the premier TV Dxers in Toronto, back in the analog days. Dr. Joel has some VUDs he'd like to give away. Let him tell you about it:

*Greetings, I was a member of WTFDA from late 1968 until 2001. I could have issues of the VUD that the archives are missing. Or if any club member wishes to have any of these old VUDs, they may contact me and I will charge the cost of shipping. You may give out my email address. Whatever is left, I plan to toss one month from today. 73S,*

[Joel Rosenberg doctorji@rogers.com](mailto:Joel.Rosenberg.doctorji@rogers.com)

## Go Ahead, Encrypt It

Amazingly we have no lack of articles for either the newsletter or the VUD at this time, so we will add a few to this newsletter. One is about the slow acceptance of ATSC 3.0 by the broadcast industry. Once you've read that, consider the following. I've been told that many of the larger broadcasters have already added lighthouse ATSC 3.0 stations in certain TV markets that have begun encrypting the channels/datastream. That means that if you want these diginets or whatever info the station provides, you're going to have to pay for it. Personally I can't think of anything broadcast by an OTA station that I'd want to pay extra for. I've also heard that many people at the FCC aren't too happy with OTA stations doing this but they can't do anything about it.



# FM Changes for April 2023

Data supplied by the FCC although some data obtained from internet sources and individuals.

This table contains facilities data plus format and/or slogan changes.

AB	CJLC-FM	99.9	LaCrete	New station, 47watts/26m, 58-10-03/116-13-59
AK	KGVC	91.5	Glacier View	license canceled
AL	DWDZK-LP	101.7	Madison	license canceled
AR	KCMC-FM	94.3	Viola	will go silent 3/31, tower lease expires
AR	K281CK	104.1	Sheridan	will go silent 3/31, tower lease expires
AR	KYXK	106.9	Gurdon	will go silent 3/31, tower lease expires
AR	K296FC	107.1	Magnolia	format to country 99.1, 107.1 FM/630 AM (KVMA 630 & // to KVMZ 99.1)
AZ	KPHF	88.3	Phoenix	License cancelled; calls deleted
AZ	KZAO	89.3	Ajo	820w/260m, 32-21-52/112-52-47
AZ	k217FX	91.3	Groom Creek	Silent 2/28/23 wind and ice damage
AZ	KXWX	93.7	Mohave Valley	Call change from KVYL; Slogan to: '10 X Rock'
AZ	K242AQ	96.3	Kingman	Format to: Rock; Slogan to: '10 X Rock'; Primary call change from KVYL to KXWX
AZ	KWPS-FM	99.7	Caddo Valley	will go silent 3/31, tower lease expires
AZ	K260BR	99.9	Lake Havasu City	Format to: Rock; Slogan to: '10 X Rock'; Primary call change from KVYL to KXWX
AZ	K280GH	103.9	Prescott	Format to: Oldies; Slogan to: 'Fun Oldies 1450' (KNOT-1450)
CA	KBVD	88.9	Alturas	500w-V/107m, 41-29-57/120-37-22
CA	K208GJ	89.5	Santa Cruz	granted move from 89.3 (K207CN)
CA	NEW	90.5	Willows	10k/177m, 39-17-16/122-20-26
CA	KPRI	91.3	Pala	165w/-324m, 33-43-01/117-04-08
CA	KXWX	93.7	Mohave Valley	call change from KYVL
CA	K229AK	93.7	Baywood	Format to: Country: 'The Grade' (KYNS 1340 & KUVW-HD3)
CA	K253AA	98.5	Susanville	67watts, 40-26-36/120-38-39
CA	K265FI	100.9	Pismo Beach	Format to: Country; Slogan to: 'The Grade' (KYNS 1340 & KUVW-HD3)
CA	KPCR-LP	101.9	Santa Cruz	100w/-52m/, 37-12-58/121-57-37
CA	KQPS	103.1	Palm Springs	format to oldies, MeTV Music
CA	K280GP	103.9	Redding	Slogan to: 'Fox Sports Radio 103.9 FM and 1400 AM' (KNRO-1400)
CA	KJOI-LP	104.3	Biola	Silent 2/21/23 financial reasons
CA	KSHA	104.3	Redding	Soft AC; Slogan to: 'K-Shasta 104.3'
CA	KCYC-LP	104.7	Yuba City	Silent 3/1/23 lost site
CA	K285FE	104.9	Redding	Slogan to: 'News Talk 1670 AM, 105.7 FM & 104.9 FM' (KQMS-1670)
CA	K289BT	105.7	Anderson	Slogan to: 'News Talk 1670 AM, 105.7 FM & 104.9 FM' (KQMS-1670)
CA	K291AE	106.1	Seaside	License cancelled; calls deleted (was // KHIP 104.3)
CA	KCYF-FM	107.5	Sutter Creek	license canceled 3/10/23
CO	K276FK	103.1	Denver	Format to: Country; Slogan to: 'Front Range Country' (KQKS-HD2)
CT	W279EK	103.7	Middletown	From 105.3, 250w-H, null to the E and SE

CT	W287DJ	105.3	Middletown	move to 103.7 (W279EE) canceled
FL	NEW	88.1	Weeki Wachee	540w/111m, 23-34-56/82-31-44
FL	WJUF	90.1	Iverness	22k/126m, 28-46-41/82-28-03, raise power, lower haat
FL	WNFB	94.3	Lake City	Slogan to: '94.3 The Lake'
FL	W239CG	95.7	Tallahassee	change primary to WDXD-LP 101.9 (country)
FL	W262CP	100.3	Bayonet Point	Slogan to: 'Faith Talk' (WTBN-570)
FL	W271CI	102.1	Lakeland	Slogan to: 'Faith Talk' (WTWD-910)
FL	W282CI	104.3	Tampa	Slogan to: 'Faith Talk' (WLCC-760)
FL	WYZB	105.5	Mary Esther	Slogan to: 'Y 105.5'
FL	W292DE	106.3	St.Augustine	250w, 29-55-06/81-23-25
FL	WCJX	106.5	Five Points	Change slogan to: '106.5 The Lake'
FL	W295DC	106.9	Panama City	100w-V, 20-12-44/85-39-06
GA	WKIH-LP	90.3	Twin City	City of license change from Vidalia
GA	W249BS	97.7	Savannah	Talk; Slogan to: 'News Radio 97.7 and 1290' (WTKS-1290)
GA	W257ED	99.3	Albany	Slogan to: 'WALG 99.3 FM/1590 AM' (WALG 1590)
GA	WNOU	107.7	Sasser	Call change from WEGC; Format to AC; Slogan to: '107.7 Now FM'
HI	K215EH	90.7	Kailua	Silent 6/12/22 extension gtd, equipment malfunction
HI	KFMN	96.9	Lihue	Slogan to: 'FM97'
IA	NEW	89.9	Cedar Rapids	1k/193m, 42-02-42/91-38-49
IA	KQCR-FM	98.9	Parkersburg	Format to: 70s/80s Hits; Slogan to: '99 The Wave'
IA	K264CW	100.7	Sheldon	Slogan to: 'All Talk' (KIWA-1550)
IA	KIWA-FM	105.3	Sheldon	Format to: Classic Hits; Slogan to: 'Classic Hits 105.3'
ID	K212EY	90.3	Sandpoint	13watts, 48-13-45/116-30-35
ID	KKEH	91.7	Ponderay	Contemporary Christian: 'Shine 91.7'
ID	K269FQ	101.7	Montpelier	Format to: Hot AC; Slogan to: The Wave 104.5 & 1450 AM (KVSI-1450)
ID	K283CX	104.5	Montpelier	Format to: Hot AC; Slogan to: The Wave 104.5 & 1450 AM (KVSI-1450)
IL	WLWJ	88.1	Petersburg	Slogan to: ' Great News Radio'
IL	WRLJ	88.3	White Hall	Slogan to: ' Great News Radio'
IL	WHPA	89.7	Macomb	Slogan to: ' Great News Radio'
IL	WLUJ	89.7	Springfield	Slogan to: ' Great News Radio'
IL	WLLM-FM	90.1	Carlinville	Format to: Religious Teaching; Slogan to: 'Great News Radio' (includes W24596.9 & W287CK 105.3)
IL	WJWR	90.3	Bloomington	Slogan to: ' Great News Radio'
IL	WWOU	90.5	MaComb	calls for new station
IL	W225CR	92.9	Sycamore	Format to: Classic Hits; Slogan to: 'Q93' (WSQR-1180)
IL	W230AL	93.9	Union Park	drop power from 250w to 175
IL	WGNX	96.7	Colchester	Slogan to: ' Great News Radio'
IL	W246CO	97.1	Lincoln	Format to: Religious Teaching; Slogan to: 'Great News Radio' (WLLM-1370)
IL	W253CR	98.5	Marion	granted move to 98.1 (W251DC) 250watts
IL	W255CY	98.9	Quincy	license canceled
IL	W263BM	100.5	Steward	Format to: Classic Hits; Slogan to: 'Q93' (WSQR-1180)
IL	WKJT	102.3	Teutopolis	Slogan to: '102.3 KJ Country'
IL	WXLC	102.3	Waukegan	Slogan to: 'Star 102.3'

IL	W273CZ	102.5	Plano	Format to: Classic Hits; Slogan to: 'Q93' (station remains silent) (WSQR-1180)
IL	WGEM-FM	105.1	Quincy	Format to: Sports: 'Sportsradio 105.1'
IL	W287BP	105.3	Lincoln	Format to: Religious Teaching; Slogan to: 'Great News Radio' (WLLM-1370)
IL	WGCY	106.3	Gibson City	Slogan to: 'WGCY 106.3'
IL	WEAI	107.1	Lynnville	Change slogan to: 'WEAI 107.1 FM'
IN	WNPW	89.9	French Lick	75w/28m, 38-32-17/86-28-44
IN	WNPW	89.9	French Lick	call change from WANP
IN	WLPU	91.1	Battle Ground	calls for new station
IN	WMKI-LP	96.9	Terre Haute	100w/18m, 39-25-41/87-24-22
IN	W270DK	101.9	Elkhart	Change format to: Talk; changes slogan to: 'MNC Nation 1340 AM & 101.9 FM' (WTRC-1340)
IN	W275BD	102.9	Greenfield	10watts, 39-55-27/90-02-04
KS	KLJC	88.9	Hardtner	3k/76m, 37-01-27/98-41-24
KS	KHBN	91.3	Beloit	400w/70m, 39-23-40/98-10-53
KS	KHYC	91.5	Scott City	Format to: Contemporary Christian/Religious Teaching; Slogan to: 'You're With Family'
KS	KZRS	107.9	Great Bend	Format to: Classic Hits; Slogan to: 'Classic Hits 107.9 KZRS'
KY	K268DF	101.5	Frankfort	Change format to: Hot AC; change slogan to: 'POP! 93.5' (W268DF 101.5)
LA	NEW	88.5	Noxapater	5kw/38m, 32-59-45/89-05-08
LA	K208FC	89.5	Arabi	250watts, 29-55-27/90-02-04
LA	WTUL	91.5	New Orleans	raise power to 1.5k (from 950w) 121m
LA	KWCL-FM	96.7	Oak Grove	40k/104m, 32-51-33/91-21-22
MA	NEW	91.5	Somerset	130w/30m, 41-46-29/71-08-15
MA	WQPE	91.5	Somerset	calls for new station
MA	W243DC	96.5	Boston	change COL from Needham, 99watts
MA	W251CR	98.1	Medford	Silent 3/5/23, owner passed away
MA	W271CU	102.1	Framingham	Silent 3/5/23, owner passed away
MB	CJSB-FM-3	98.1	Dauphin	New station, 50wattsH/37.5m, 51-07-43/116-13-59
MD	WHCP-FM	91.7	Trappe	calls for new station
ME	WYTO	91.1	Turner	calls for new station
ME	WYNZ	100.9	South Portland	Format to: Adult Hits; Slogan to: 'Whoopie 100.9' (includes W288CU 105.5)
MI	WLWS	88.1	Iron Mountain	calls for new station
MI	WCMU	89.5	Mt. Pleasant	Format to News/Talk; the HD2 goes Classical
MI	WRPP	93.7	Manistique	Slogan to: '92.7 The Legend'
MI	WLAW-FM	97.5	Whitehall	raise power to 6kw, move site
MN	K299BX	107.7	Morris	Talk; Slogan to: 'KMRS 1230 AM - 107.7 FM'
MO	KWUL-FM	101.7	Elsbertry	call change from KWUL
MO	WHHL	104.1	Hazelwood	50k/139m, 38-39-08/90-17-03
MS	WMXI	98.1	Ellisville	Change COL from Laurel, 1k/202m, 31-31-36/89-08-10
MS	WNMQ	103.1	Columbus	26.5k/207m, 33-20-41/88-32-47, raise power, lower haat
MS	WAIP-LP	103.9	Gulfport	Silent 2/1/23 lightning damage
MT	KTBP	89.1	Poplar	calls for new station

MT	DK219DN	91.7	Dillon	license canceled
NC	WGML	88.1	Vanceboro	calls for new station
NC	W242CC	96.3	Bethania	change primary to WWLV 94.1 (K-Love)
NC	W270AW	101.9	Sanford	raise power to 131watts, 35-27-41/79-08-37
NC	WUKS	107.7	St. Pauls	Classic Hip-Hop: '107.7 The Bounce'
ND	K230BU	93.9	Grafton	250w, 48-23-56/97-26-58
NE	K276DM	103.1	Chadron	Silent 2/17/23, antenna failure
NE	K277CA	103.3	Lincoln	change primary to KLMS 1480
NH	W222EM	92.1	Derry	raise power to 36 watts
NH	W248DA	97.5	Hanover	Format to: Classic Hip-Hop; Slogan to: '97.5 & 101.7 The Penguin' (WTSL-1400)
NH	W269DI	101.7	Claremont	Format to: Classic Hip-Hop; Slogan to: '97.5 & 101.7 The Penguin' (WTSL-1400)
NH	W227DJ	103.3	Laconia	190w, 43-32-46/71-22-41
NJ	WTHA	88.1	Berlin	call change from WNJS-FM
NJ	NEW	88.9	Bernardsville	1w-H/2.5kv/16m, 40-41-31/74-30-56
NJ	WWMH	88.9	Bernardsville	calls for new station
NJ	W298DI	107.5	Port Norris	drop power to 120watts
NJ	W300CZ	107.9	Ewansville	change power to 25 watts vertical
NL	CBNC-FM	88.7	Stephenville	raise power to 4.094kw
NL	CBAF-FM-16	94.3	Stephenville	raise power to 1.532kw
NL	CBN-FM-4	95.1	Stephenville	drop power to 8.925kw
NM	K212EF	90.3	Las Vegas	granted move to 91.5 (K218FN) 3/22/23
NM	NEW	90.7	Hobbs	1.8k/90m, 32-46-14/103-11-03
NM	KIDX	101.5	Ruidoso	6k/909m, 33-24-16/105-46-54
NM	KNFT	102.9	Bayard	STA for 50 Watts at 23 M @ N32-50-40 W108-14-20 (tower loss)
NV	K201FF	88.1	Winnemucca	Silent 3/3/23, storm damage
NV	KJPT	90.1	Indian Springs	call change from KQQV
NV	DK235CL	94.9	North Las Vegas	license canceled
NV	K235CJ	94.9	Dolan Springs	license canceled (never existed)
NV	KVGK-LP	97.9	Las Vegas	call change eff 3/10/23 ex KIOF-LP
NV	K280GF	103.9	Crystal	license canceled (never existed)
NV	K288FS	105.5	Pahrump	License cancelled; calls deleted
NY	WGCC	90.7	Batavia	Is Silent
NY	WLYK	102.7	Cape Vincent	Format to: AC; Slogan to: '102.7 Lake FM'
NY	WKBE	107.1	Corinth	Classic Country: 'Big Country 107.1'
OH	WYSB	88.1	Nevada	calls for new station
OH	WDPR	89.1	Springfield	Format to: Classical; Slogan to: 'Discover Classical 88.1'
OH	WDPG	89.9	Greenville	Format to: Classical; Slogan to: 'Discover Classical 88.1' (WDPR 88.1)
OH	WGMH	90.9	Portsmouth	calls for new station
OH	NEW	91.1	Peebles	3.9k/22m, 38-56-59/83-24-30
OH	W239AZ	95.7	Ashland	News/Talk/Classical (WKSU-FM 89.7)
OH	W277AO	103.3	Dayton	250, 39-49-32/94-08-59
OK	NEW	88.3	Ketchum	36-30-41/95-03-22
OK	NEW	88.7	Elk City	25k/75m, 35-17-57/99-41-55

OK	K253BC	98.5	Enid	250w, 36-28-28/97-58-14
OK	K289CC	105.7	Tulsa	Format to : Oldies; Slogan to: 'Groovy 105.7' (KWEN-HD2)
ON	CJJM-FM	99.3	Espanola	drop power to 1160watts, 17.9m
OR	KVZN	88.1	Bandon	calls for new station
OR	KCIY	89.7	Gold Beach	calls for new station
OR	NEW	89.9	Baker City	280w/215m, 44-45-58/117-52-54
OR	K223DJ	92.5	Prineville	changes frequency from 96.9 (K245BC) to 92.5
OR	K223DJ	92.5	Prineville	Classic Hits: 'KQAK 92.5' (KQAK 105.7)
OR	KEUB	93.3	Gearhart	Format to: Rock; Slogan to: '93.3 The Rock FM'
OR	K228EU	93.5	Portland	Format to: Ethnic; Slogan to: 'Portland Christian Radio' [Spanish] (KGDD-1520 Oregon City OR; call change from KXET)
OR	K245DI	96.9	Albany	250wH, 44-39-16/123-00-57, move site
OR	KODZ	99.1	Eugene	Format to: variety hits; Slogan to: '99.1 The Beat' (includes (K237EC 95.3)
OR	K294AS	106.7	Ashland	70watts, 42-17-56/122-45-00
PA	W227DV	93.3	State College	Format to: Hot AC; Slogan to: 'POP!' (WBHV-1390)
PA	WNLI	94.5	State College	call change from WBHV-FM
PA	WGJC	97.1	University Park	change primary to WGRC 91.3 Contemporary Christian
PA	WALY	100.1	Altoona	Call change from WQWY
PA	WQWY	103.9	Bellwood	Call change from WALY; Change format to Classic Hits; change slogan to 'WOWY 97.7, 101.7, 103.9, 105.7'
PA	W283DI	104.5	Altoona	Format to: CHR; Slogan to: 'Pop Radio 104.5' (WFBG-1290)
PA	W285EW	104.9	Lansdale	granted move to 105.7 (W289CZ)
PA	WQWK	105.9	Philipsburg	call change from WQCK
PR	W252EH	98.3	Aguadilla- Mayagues	granted move to 96.5 (W243ET) 3/21/23
SC	W247BN	97.3	Kingstree	granted move to 103.7 (W279EL) 250watts
SC	WYRD-FM	98.9	Spartanburg	Call change from WSPA-FM; Format to: Talk; Slogan to: '98.9 Word'
SC	W279EL	103.7	Kingstree	change primary to WHYM 1260 (talk), ex-W247BN 97.3
SC	WSPA-FM	106.3	Simpsonville	Call change from WYRD-FM; Format to: Adult Contemporary: 'Magic 106.3'
SD	k213CL:	90.5	Huron	250w, 44-20-15/98-14-01
SD	K264DG	94.7	Brookings	250w, 44-20-22/96-46-08
SD	K292EC	106.7	Hot Springs	Silent 2/17/23, antenna failure
TN	W239CO	95.7	Chattanooga	Slogan to: 'Valley`s Music Station' (WJTW-1480)
TN	WRVR	104.5	Memphis	Slogan to: 'The River 104.5'
TX	KCCJ	88.1	Dalhart	calls for new station
TX	KSAY	88.5	Hamlin	45k/192m, 32-56-16/99-57-21
TX	KQXB	89.9	Breckenridge	Format to: Contemporary Christian; Slogan to: 'Christian FM'
TX	K215FD	90.9	Round Rock	92w, 30-19-11/97-48-07, raise power
TX	KTXP	91.5	Bushland	Change format to: News/Talk; change slogan to: High Plains Public Radio
TX	NEW	91.9	Fort Stockton	500w/9m, 30-53-26/102-53-30
TX	KQXE	91.9	Eastland	Slogan to: 'Pure Country'
TX	KSAG	93.3	Pearson	6k/100m, 28-54-45/99-05-24

TX	K229BA	93.7	Terrell	140w, 32-40-57/96-12-39 moved from Canton
TX	K240ER	95.9	El Paso	Slogan to: 'KELP Christian Radio' (KELP-1590)
TX	KKUI-LP	99.3	Greenville	100w/28m, 33-07-24/96-05-48
TX	KNNK	100.5	Dimmit	Slogan to: 'Canyon 100.5' (KDAV-1590)
TX	KABV	100.7	Ben Bolr	COL change
TX	K280CL	103.9	Rusk	Silent 3/12/23, lost lease
TX	K283CH	104.5	Houston	change primary to KJOZ 880, Radio Vida Vision, Rel. Teaching
TX	K285HC	104.9	Corsicana	Classic Country; Slogan to: 'Real Country 104.9 and 1340 AM' (KAND-1340)
UT	KYJM	89.5	Nephi	750w/-302m, 39-43-24/111-55-47
UT	KUTU	91.3	Santa Clara	Slogan to: 'Utah Tech Radio'
UT	KPVO	99.9	Fountain Green	2.3kH/-54m, 39-32-46/111-34-41
VA	WXQZ	88.7	Danville	calls for new station
VA	W243EK	96.5	Hampton	Hot AC: '96.5 The Coast' (WTAR-850)
VA	W243DJ	96.5	Norfolk	Hot AC: '96.5 The Coast' (WTAR-850)
VA	W245BG	96.9	Cave Spring	change primary to WLRX 106.1 (K Love)
WA	KTRI	93.5	Royal City	call change from KWDR
WA	KHUH-LP	104.9	Seattle	Silent 3/6/23 antenna removed for roof repairs
WI	W221CN	92.1	Marshfield	Slogan to: 'True Oldies Channel 92.1 FM / WPCN' (WPCN-1010)
WV	WFGM-FM	93.1	Barrackville	drop power to 2.2kw, move site
WV	WVIW	104.1	Bridgeport	Silent 3/5/22, transmitter issues
WY	KAWR	98.7	Reliance	1.3k/325m, 41-29-48/109-20-46
WY	KLWR	101.9	North Rock Springs	1k/325m, 41-29-48/109-20-46



Men Tuning TVs at the TV factory.

# TV Changes for April 2023

Data supplied by Doug Smith.

AR Little Rock 22 KATV PR>1000kw/515m, 34-47-51/92-29-21; PG
AZ Flagstaff 32 KAZF CC for NS (Gray Television)
AZ Yuma 11 KAZS CC for NS (Gray Television) (has application on file to amend to ch. 27)
AZ Yuma 27 KAZS QR from 11, 100kw/475m, 33-03-10/114-49-44; QG; CC for NS
CA Oakland 31 KTVU ATSC 3.0 guest on KRON-TV San Francisco.
CA San Diego 19 KPBS Operating at 70% power since Feb. 22nd transmission line failure.
CA San Diego KPBS Returned to full power Mar. 21st.
CA San Francisco 07 KRON-TV ATSC 3.0; 4.1 My on KTVU Oakland; 4.2 Antenna TV on KNTV San Jose; 4.3 Rewind TV & 4.4 Charge! on KBCW; 4.5 ShopLC on KGO-TV.
CA San Francisco 12 KGO-TV ATSC 3.0 guest on KRON-TV.
CA San Francisco 20 KDTV-DT ATSC 3.0 guest on KRON-TV.
CA San Francisco 28 KBCW ATSC 3.0 guest on KRON-TV.
CA San Francisco 29 KPIX-TV ATSC 3.0 guest on KRON-TV.
CA San Jose 13 KNTV ATSC 3.0 guest on KRON-TV San Francisco.
CT Bridgeport 21 WZME See sharing host WEDW Stamford.
CT Stamford 21 WEDW License to cover for DTS; DTS #1: 200kw/219m, 41-16-44/73-11-06; DTS #2: 210kw/428m, 40-44-54/73-59-09
FL Clearwater 21 WCLF PR>1000kw/415m, 27-50-52/82-15-49; PG
FL Tallahassee 24 WTLF PC>1000kw/510m, 30-40-50/83-58-21
FL Orlando 28 WRBW PG 1000kw/446m, 28-36-14/81-05-10
FL Orlando 33 WOFL PG 1000kw/447m, 28-36-14/81-05-10
GA Savannah 23 WTOG-TV QC from 11, 1000kw/446m
HI Wailuku 24 KGMV Returned to full power Jan. 13th, but OFF again Mar. 1st, "card controller issue".
HI Wailuku 24 KGMV Returned to full power Jan. 13th.
IA Des Moines 08 KCCI ATSC 3.0 guest on KDSM-TV.
IA Des Moines 11 KDIN-TV ATSC 3.0 guest on KDSM-TV.
IA Des Moines 13 WHO-DT ATSC 3.0 guest on KDSM-TV.
IA Des Moines 16 KDSM-TV ATSC 3.0; 17.1 Fox on WHO-DT; 17.2 Comet TV & 17.3 Charge! on KDIN-TV; 17.4 TBD on KCCI.
IA Des Moines 34 KDIN-TV PA from 11, 1000kw/600m
IL Oswego 10 WTVK CC from WAOE
IN Gary 17 WYIN PG>1000kw/290m, 41-20-59/87-23-58
KY Ashland 36 WKAS Operating at 28% power since Feb. 7th due to equipment problems. Returned to full power Feb. 15th.
LA New Orleans 21 WHNO PR>465kw/271m, 29-58-58/89-56-58; PG
MN Alexandria 7 KONC CC for NS (Radiant Life Ministries)
MN Worthington 15 KSMN OFF Feb. 24th, studio-transmitter link failure.
MO Jefferson City 20 KFDR CC from KNLJ
MS Greenwood 25 WMAO-TV Operating at 44% power (359kw) since Feb. 26th transmitter failure.
MT Butte 15 KXLF-TV Operating at 50% power since Feb. 14th transmitter failure.



MT Butte 15 KXLF-TV Returned to full power Mar. 20th.  
NM Carlsbad 19 KKAC CC for NS 212441  
NM Silver City 10 KKAD CC for NS 212442  
NM Silver City 12 KKAB CC for NS 212444  
NM Clovis 12 KVIH-TV PC>160kw/204m  
NORTH Carolina Asheville 13 WLOS PR>160kw/552m, 35-13-20/82-32-58; to relocate to WESC-FM 92.5/WUNF-TV 20/WYCW-11 tower near NC-SC border.  
NV Las Vegas 29 KVCW OFF Feb. 8th, transmitter failure.  
NV Winnemucca 7 KWNV CC for NS (Gray Television)  
NY Rochester 09 WHAM-TV ATSC 3.0 guest on WUHF.  
NY Rochester 21 WROC-TV ATSC 3.0 guest on WUHF.  
NY Rochester 22 WXXI-TV ATSC 3.0 guest on WUHF.  
NY Rochester 22 WXXI-TV ATSC 3.0 guest on WUHF.  
NY Rochester 28 WUHF ATSC 3.0; 31.1 Fox on WROC-TV; 31.2 Antenna TV & 31.3 Comet TV on WHAM-TV; 31.4 TBD on WXXI-TV.  
NY Rochester 28 WUHF ATSC 3.0; 31.1 Fox on WROC-TV; 31.2 Antenna TV on WHAM-TV; 31.3 Comet TV on WHAM-TV; 31.4 TBD on WXXI-TV.  
NY Rochester 9 WHAM-TV ATSC 3.0 guest on WUHF.  
OK Muskogee 20 KQCW-DT PR>1000kw/432m, 36-01-15/95-40-33  
OK Muskogee 20 KQCW-DT PR>1000kw/432m, 36-01-15/95-40-33; PG  
PR Bayamon 24 WDWL See sharing host WUJA Caguas.  
PR Caguas 24 WUJA PC>120kw/315m, 18-16-41/66-06-32 (sharing)  
SIN Mazatlan 19 XHCPBW NS 173.649kw/-446m, 23-12-02/106-25-42  
TN Memphis 31 WLMT Operating at 50% power since Feb. 28th equipment failure.  
TX Austin 23 KNVA See sharing guest KXAN-TV.  
TX Austin 23 KXAN-TV Temporarily sharing on KNVA pending KXAN-TV repairs forced by ice damage. STA dismissed, presumably KXAN antenna repaired.  
TX Killeen 13 KAKW-DT Operating at reduced power of 39kw/553m since Feb. 6th transmitter failure; returned to full power Feb. 15th.  
TX Lufkin 24 KTRE QR from 9, 300kw/140m, 31-25-10/94-48-04  
TX Odessa 31 KOSA-TV QR from 7, 500kw/226m, 31-51-51/102-34-43  
VA Hampton 11 WVEC PR>45kw withdrawn, moving to ch. 35 instead.  
VA Roanoke 13 WBRA-TV QR from 3, 66kw/631m

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# ATSC 3.0 in 2023: Why NextGen TV still needs another year

*Over-the-air TV's big update is here, but won't really take off until at least 2024.*

## CORD-CUTTER CONFIDENTIAL

By Jared Newman, TechHive | JAN 12, 2023 3:00 AM PST



Fair warning: This update on the status of ATSC 3.0, also known as NextGen TV, will read a lot like the one from last year, and maybe even the year before.

That's because the new broadcast standard, which enables features like 4K HDR video and on-demand content, still needs more time to really get off the ground. Although NextGenTV broadcasts are now available in more than 60 U.S. markets, support remains missing from the majority of new TVs, and low-cost converter boxes for existing televisions haven't yet materialized.

Those involved with ATSC 3.0 hope the standard will ramp up in 2024, when they expect a boom in cheap TVs and tuner boxes with NextGen TV certification. *Even then, broadcasters will continue to simulcast in the current ATSC 1.0 standard for years to come, so there's no need to throw out your current TV or over-the-air DVR just to keep watching free TV with an antenna.*

## Waiting for more TVs

NextGen TV isn't compatible with existing ATSC 1.0 tuners, so to view content in the new standard, you'll need a TV or converter box with ATSC 3.0 support.

In 2023, the [list of TVs with ATSC 3.0 support](#) will be similar to last year. Sony continues to offer it in all its televisions, while LG and Samsung reserve it for their priciest models. The only notable expansion comes from Hisense, which announced at the CES 2023 trade show that it will bring NextGen TV to most of its sets instead of limiting it to higher-end ULED sets.

Anne Schelle, the managing director of Pearl TV, a broadcast consortium backing ATSC 3.0, says a bigger boom will happen in 2024, thanks to a partnership with smart-TV chipmaker MediaTek.

"That is going to be the real driver of the high-volume, low-cost sets," she says.

In theory, converter boxes will provide a cheap alternative to buying a new TV for folks who want to view ATSC 3.0 broadcasts. Unfortunately, these remain in short supply.



At present, the tuner box that's closest to getting NextGen TV certification is the [ZapperBox M1](#), which costs \$250 and has a USB port for potential DVR capabilities down the road. It started shipping last year and will soon be available through Amazon as well. While it's not yet officially certified, those involved with ATSC 3.0 expect that it will be.

SiliconDust also sells a \$200 ATSC 3.0 version of its HDHomeRun tuner, which can stream

broadcast content to multiple TVs, mobile devices around the home. But unlike the ZapperBox, the [HDHomeRun Flex 4K](#) doesn't have official NextGen TV certification due to the way it handles Dolby AC-4 audio. Depending on the playback device, it either hands off decoding to each playback device or uses a cloud-based transcoder for devices that lack AC-4 support.

As such, Android and Fire TV devices don't offer NextGenTV's dialog boost feature when streaming via the HDHomeRun Flex 4K. While SiliconDust hopes to resolve that issue with Amazon and Google so it can enable dialog boost on those devices, the lack of certification stems from this inconsistent support for a key feature.

Last year, Nuvyyo also announced a version of its [Tablo DVR](#) with ATSC 3.0 support, but it's yet to materialize after being delayed over DRM requirements. The company said in mid-December that it wouldn't have any updates to share at CES.

NextGen TV's backers did show off a slew of converter boxes and dongles at CES, but most were behind glass and came from companies that don't sell hardware direct to consumers. They'll likely look to partner with established electronics brands to sell lower-cost ATSC 3.0 tuners, but it's still unclear when that will happen.

### **What does NextGen TV do today?**

One bit of positive news is that ATSC 3.0 is beginning to deliver more of the benefits that broadcasters have talked up over the years, so you'll enjoy some extra features if you do happen to buy a television with NextGen TV support and there are ATSC 3.0 broadcast towers where you live.

More than 40 U.S. markets, for instance, now offer channels with interactive elements, such as news clips and local weather. Sinclair has also been upscaling content to HDR on 36 NextGen TV stations in partnership with Technicolor, although it appears only Hisense TVs support this feature.

Some NextGen TV features also work out of the box for all stations and televisions, including 1080p video and dialog enhancement.

The standard's much-touted support for 4K HDR video remains in limbo, though. Major networks haven't yet committed to broadcasting 4K content over the air, and the increase in resolution would require a lot of additional bandwidth. ATSC President Madeleine Noland [told Tyler Kleinle at CES](#) that it might not become common until ATSC 1.0 broadcasts are discontinued, freeing up bandwidth. (More on that below.)

## **Don't toss your TV**

In recent months, I've gotten some emails from readers who mistakenly believe that ATSC 1.0 support is about to go away, and that they'll need a new TV to keep watching free over-the-air channels. This seems to stem from some TV commercials that broadcasters have shown to hype the new standard.

So let's be clear: ***You won't need a new TV or converter box anytime soon, as broadcasters will simultaneously air all their channels in ATSC 1.0 for years to come.***

As of now, the FCC is only requiring broadcasters to support the current standard through July, which is five years from when ATSC 3.0 first debuted. ***Still, the agency is currently revisiting that requirement and could extend the deadline in some capacity.***

***Regardless of what the FCC decides, broadcasters have little interest in cutting off ATSC 1.0 given that the vast majority of their viewers still depend on it. In the interview with ATSC President Madeleine Noland mentioned above, Noland said she expects the transition period to be about 10 years, which means ATSC 1.0 would be around until 2028 or so.***

***"Truth be told, it would be counter to a broadcaster's best interest to turn off a service that people are watching," Noland said. "It needs to get to the point where there's a critical mass."***

Maybe that will finally start to happen in earnest in 2024.

\*\*\*\*\*

(And maybe not...your editor)

# KLAS Radio Purchased by Florida Company

Sunday, March 05, 2023



***Mega Investments, of the Omega Church International Ministries based in Florida, is now the new owner of KLAS ESPN Sports FM 89.***

Founded by Jamaican Johnathan Wayne Manning in 2004, Omega has converted programming to six hours of sports and 18 hours of gospel on the main frequency. The ministry also operates the Omega Church Broadcasting Network and founded Radio WOIB FLL 2015 and other global stations.



*If it's Sports...It's on KLAS*

Bishop Wayne Manning, who lives in Coral Springs, Florida, gave an update on programming during attendance at the Emmanuel Apostolic annual convention in Kingston on July 17.

He shared that the deal for KLAS was initiated in May 2022 and came after a long season of searching for broadcasting outlets on the island. The deal includes the 81.1 to 81.9 FM bands, one of which will become all-gospel, while sports will be retained on the other. Bishop Manning said at the convention that he was

aware of Jamaicans' great love of sports.

KLAS sports radio, founded in 1989, provides sports coverage in Jamaica, the Caribbean region and internationally through free-to air transmission and via the Internet. The station is an international affiliate of US-based ESPN.

Manning noted that Omega is currently targeting up to 15 countries globally with the "undiluted word around the world". In Florida the ministry has flagship stations in several communities, Central and South America and in Nottingham in the UK.

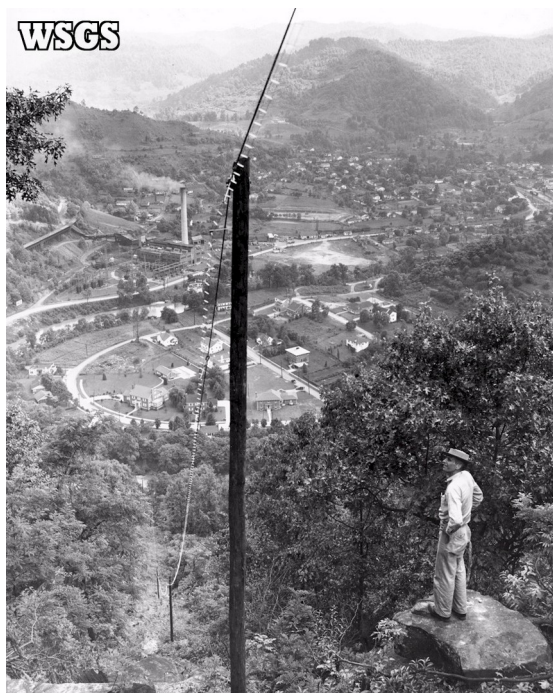
KLAS traditionally offers regular commentary on international sports, interviews with athletes from around the world, and claims "the best in journalism and professionalism in the examination of sports across Jamaica and the world".

Broadcasting from its location on Haining Road in St Andrew, its former principal was executive chairman Alston Stewart, who earlier in 2022 described Omega Investments as a partnership.

He told news sources that there would be no immediate change to the name of the radio station or its programme offerings. He said also the sports format would remain and new content would be added over time.

Although affected by debt periodically, KLAS was said to be one of the most profitable, locally, due to its sports emphasis.

WSGS



***WSGS History: A little mountain ingenuity went a a long way over 70 years ago, long enough to bring television to a small Kentucky town.***

Dewey Daniel and E. J. Davis, owners of a television company in Hazard, took advantage of the growing demand for television in the early 1950s. They were eager to bring the benefits of the new medium to their community.

But two big problems had to be overcome. One was the 90 miles from Hazard to the nearest TV station, the other was the fact that Hazard lies in a valley surrounded by hills which defied the usual TV reception.

In the early 1950s, a mountain-top antenna system mounted was installed 1,000 feet above the town and signal amplifiers and a coaxial wire

were strung down the mountainside to make national TV shows available locally.

Three standard receiving antennas were placed on a 65 foot tower. One antenna was oriented to receive WSAZ-TV in Huntington, and two were pointed at Cincinnati to receive WLWT-TV and WCPO-TV. An amplifier at the base of the tower boosted the signal which was then carried down the mountain by 3,000 feet of Gonset wire. Amplifiers along the way compensated for loss of signal strength caused by the long journey down the mountain. At the bottom, a coaxial cable mounted on poles of the Kentucky & West Virginia Power Company carried the signals along the streets of Hazard.

From the poles, a smaller coaxial cable was strung into each home desiring television. Junction boxes permitted four homes to be connected into the system from a single pole.

Initially, the company charged TV set owners between \$150 and \$175 for connecting their receivers into the system, plus a monthly service charge of \$4 to \$6.

Hazard was not the only Kentucky mountain-rimmed city that was enjoying television in the early 1950s. Other community antenna systems were in operation in Jenkins, Pikeville, Paintsville, Prestonsburg, and Pikeville. In fact, the first system of its kind in the state was set up in Jenkins.

Perhaps the first practical application of mountain-top reception came in 1950 when a temporary antenna was set up on a mountain near Harlan. Several hundred people gathered to witness the live television broadcast of the Joe Louis-Ezzard Charles heavy weight fight from New York City.

Pictured: Some 3,000 feet of wire was stretched from a hilltop to bring television to Hazard. The image shows homes in Woodland Park. The old Kentucky Power Company smoke stack at Lothair is also visible.