

# DTVNotification

To: Director, Clinical/Biomedical Engineering Engineer, Risk Manager, Hospital  
Administrator, Nursing Home Director

From: WAND WAND(TV) PARTNERSHIP

Date: October 10, 2019

## Notice of Facility Change for Digital Television Station

You are receiving this letter because WAND in Decatur, IL is changing the frequency and antenna pattern of its transmitter which will move from UHF Channel 17 (488-494 MHz) to UHF Channel 20 (506-512 MHz). This change in transmitter technical parameters may affect equipment in your facility. Please be sure that anyone in your facility who is responsible for the supervision or maintenance of the biomedical equipment receives a copy of this notification and the attachments.

Under authorization from the Federal Communications Commission (FCC), the station listed above will be broadcasting on the frequencies with the technical parameters listed in the following pages.

Per the rules of the FCC (47 CFR 15.242) full power stations are required to make a good faith effort to identify and notify health care facilities (e.g., hospitals and other medical facilities, see 47 CFR 15.242(a)(1)) within the service area potentially affected by the DTV operations.

DTV Notification has been retained by the station listed above to make the required good faith notifications to applicable facilities in their service areas. This letter is to notify health care facilities in the coverage area in the event that any electronic medical devices are affected by the radiofrequency (RF) field emitted by the transmitted DTV signals.

Your facility may have electronic biomedical devices that could be impacted by the DTV operations listed on the following pages. The FCC allows certain electronic biomedical devices to use unoccupied DTV frequencies on a secondary use basis. As a result of the secondary use status, your facility is responsible for identifying and resolving any potential radio frequency interference for the operations identified on the following pages.

To address potential interference problems for medical telemetry systems, the FDA recommends that you work with the manufacturer of your telemetry systems to:

- Determine the channel/frequencies your telemetry systems use; and
- Consult the FCC table of allotments for DTV channels.

If your telemetry systems are transmitting on channels that are scheduled to be used by a local station, (as identified in the attached sheets) you should work with the manufacturer of your telemetry systems to:

- Change your telemetry channels to unused channels prior to the expected broadcast date to avoid interference

It is recommended that you periodically check the FCC allotments to assure that those channels remain available.

<https://www.fda.gov/MedicalDevices/DigitalHealth/WirelessMedicalDevices/default.htm>

Sincerely,

Support Team DTVNotification.com

305 B Centennial Street, La Plata, Maryland 20646 (888)-244-0436 Ext. 1 [www.dtvnotification.com](http://www.dtvnotification.com)

# **IMPORTANT MEDICAL TELEMETRY INFORMATION**

## **NOTICE**

It is possible that certain medical devices in your facility may be affected by the operations identified herein. Please note, WAND in Decatur, IL will commence transmitting on or about January 17, 2020 on UHF Channel 20 (506-512 MHz) from its existing antenna location and antenna height.

With this letter we are informing you of the intent of the station to begin broadcasting on Channel 20 as authorized by the FCC.

As the guidance from the FDA notes:

Many medical telemetry devices are operated under 47 CFR Part 15 of the FCC regulations. These devices are secondary users of the radio-frequency (RF) spectrum. Licensed users such as television stations are the primary users. As a secondary user, your telemetry devices may be subject to interference from the primary user at any time, but must not cause interference with the primary user. If your telemetry devices are operating on frequencies licensed to a primary user, you need to be aware of the potential for interference and take any steps necessary to avoid device malfunctions due to interference

### **FDA Recommendations**

To address potential interference problems for medical telemetry systems, FDA recommends that you work with the manufacturer of your telemetry systems to:

- Determine the channel /frequencies your telemetry systems use; and
- Consult the FCC table of allotments for DTV channels in your area.

If your telemetry systems are transmitting on channels that are or will be used by a local station, you should work with the manufacturer of your telemetry systems to:

- Change your telemetry channels to unused channels prior to the expected broadcast date to avoid interference

It is suggested that you should periodically check the FCC allotments to assure that those channels remain available.

<https://www.fda.gov/MedicalDevices/DigitalHealth/WirelessMedicalDevices/default.htm>

### **STATION INFORMATION:**

**WAND in Decatur, IL**

FCC File Number: 0000034594

FCC Facility ID: 70852

DTV Channel: 20

Frequency band: 506-512 MHz

Estimated broadcast date: January 17, 2020, 11:00 PM

Antenna Effective radiated power: 1000 kW

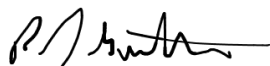
Antenna Height: 598.4 meters above mean sea level (AMSL)

Antenna Location: 39° 57' 8.6" N 88° 49' 56.6" W (NAD83)

Technical Contact: Robert J. Gunther, Chief Engineer, WAND 561-660-4233

Robert.Gunther@WANDTV.com

DTV Notification does not represent or warrant any of the information contained in this letter. All of the information in this letter has been provided and approved by the appropriate station contact and not DTV Notification. DTV Notification further recommends that you contact the appropriate station contact listed above to confirm the information in this letter to avoid any confusion. DTV Notification shall not be held liable for any loss as a result of the information contained in this letter.



10 / 10 / 2019

# DTVNotification

Date: October 10, 2019

To: [MVPD PROVIDER NAME]  
[STREET ADDRESS]  
[CITY, STATE, ZIP]

ATTN: Director of Engineering/Headend Technician

From: WAND RF Channel 20 Decatur, Illinois

**MVPD Notice of RF Channel Change**  
**WAND Decatur, Illinois**  
**Changing From Channel 17 to Channel 20**

Pursuant to Section 73.3700(d) of the rules of the Federal Communications Commission (FCC), WAND(TV) PARTNERSHIP and its station WAND hereby notify you that effective January 17, 2020 at 11:00 PM, digital television station WAND, currently broadcasting on RF Channel 17 at Decatur, Illinois will move its operations from RF Channel 17 to RF Channel 20 at the same transmitter location. This channel change is mandated by the Federal Communications Commission pursuant to its Post-Incentive Auction TV Spectrum Repacking.

Because there is no change in WAND's TV market, or community of license reference point, and because WAND will continue to deliver a good quality signal to your principal headend, there should be no change in WAND's carriage status on your system.

The modified technical facilities for WAND are as follows:

**RF Channel 20 Transmitter Facilities Technical Parameters:**

**WAND at Decatur, Illinois**

FCC File Number: 0000034594

FCC Facility ID Number: 70852

DTV Channel: 20

WAND TSID: 1019

Frequency Band: 506-512 MHz

Commencement Date: January 17, 2020 at 11:00 PM

Effective Radiated Power: 1000 KW

Antenna Height: 389.3 meters above ground level

Antenna Height: 598.4 meters above mean sea level (AMSL)

Antenna Location: 39° 57' 8.6" N 88° 49' 56.6" W (NAD83)

WAND Technical Contact: Robert J. Gunther, Chief Engineer, WAND-TV

[Robert.Gunther@WANDTV.com](mailto:Robert.Gunther@WANDTV.com) (561) 660-4233

Station WAND's broadcast streams should remain unchanged and continue to be identified by the 17.1 virtual channel number for the main WAND channel HD content (WAND HD) and by

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the 17.2 virtual channel number for the COZI channel content and by 17.3 for the ION channel content.

Full technical details of the streams to be carried on RF Channel 20 are provided below:

**WAND Transport Stream Details:**

Virtual Channel 17.1

WAND – WAND HD MPEG2 (16x9 Aspect Ratio)  
PMT PID = 48 [0x0030]  
Video PID = 49 [0x0031] (1920x1080i Resolution)  
Audio PID = 52 [0x0034] 384kbps Dolby Digital 5.1

Virtual Channel 17.2

COZI MPEG2 (4x3 Aspect Ratio)  
PMT PID = 64 [0x0040]  
Video PID = 65 [0x0041] (1920x1080i Resolution)  
Audio PID = 68 [0x0044] 192kbps Dolby Digital 2.0 (L,R)

Virtual Channel 17.3

ION MPEG2 (4x3 Aspect Ratio)  
PMT PID = 80 [0x0050]  
Video PID = 81 [0x0051] (480 SD Resolution)  
Audio PID = 84 [0x0054] 192kbps Dolby Digital 2.0 (L,R)

DTV Notification has been retained by WAND to make the required notifications to MVPD's in the WAND service area. This letter is to notify MVPD facilities in the coverage area that WAND will be changing its RF Channel from channel 17 to channel 20 on January 17, 2020 at 11:00 PM. MVPD's may need to make changes in their headend equipment in order to properly receive and decode the signal on the new RF channel.

Should you have any technical issues or questions, please contact the appropriate station contact listed above.

Sincerely,

Support Team  
DTVNotification.com

 10 / 10 / 2019

<b>TITLE</b>	WAND Medical and MVPd Final
<b>FILE NAME</b>	WAND_Medical_Letter_Final.docx and 1 other
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<b>AUDIT TRAIL DATE FORMAT</b>	MM / DD / YYYY
<b>STATUS</b>	● Completed

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### Document History



SENT

**10 / 10 / 2019**

20:24:23 UTC

Sent for signature to Robert Gunther  
 (robert.gunther@wandtv.com) from info@dtvnotification.com  
 IP: 24.121.0.118



VIEWED

**10 / 10 / 2019**

21:10:58 UTC

Viewed by Robert Gunther (robert.gunther@wandtv.com)  
 IP: 12.188.8.194



SIGNED

**10 / 10 / 2019**

21:12:54 UTC

Signed by Robert Gunther (robert.gunther@wandtv.com)  
 IP: 12.188.8.194



COMPLETED

**10 / 10 / 2019**

21:12:54 UTC

The document has been completed.