

# DTVNotification

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

From: KGEB Tulsa, Oklahoma

Date: May 10, 2018

## Notice of Facility Change for Digital Television Station

You are receiving this letter because KGEB in Tulsa,, Oklahoma is changing the frequency and antenna pattern of its transmitter which will move from UHF Channel 49 (880-686 MHz) to UHF Channel 12 (204.0-210.0 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, nursing homes, 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, KGEB in Tulsa, Ok will commence transmitting on or about August 1st on UHF Channel 12 (204.0-210.0 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 12 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:**

**KGEB in Tulsa, Oklahoma**

FCC File Number: 0000029672

FCC Facility ID: 24485

DTV channel: 12

Frequency band: 204.0-210.0 MHz

Estimated broadcast date: August 1st, 2018

Antenna Effective radiated power: 75 kW

Antenna Height: 395.1 meters above mean sea level (AMSL)

Antenna Location: 36° 02' 35.0"N 095° 57' 12.0 W (NAD83)

Technical Contact: Bill Lee, KGEB Engineering, Telephone: (918) 495-6450

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.