

# MEMORIAL HOSPITAL

And Health Care Center

Sponsored by the Sisters of the Little Company of Mary, Inc.

800 West 9th Street ▲ Jasper, IN 47546 ▲ 812/996-2345

www.mhhcc.org

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FCC Mail Room

## EX PARTE OR LATE FILED

July 13, 2015

Honorable Tom Wheeler, Chairman  
Honorable Mignon Clyburn, Commissioner  
Honorable Jessica Rosenworcel, Commissioner  
Honorable Ajit Pai, Commissioner  
Honorable Michael O'Reilly, Commissioner

DOCKET FILE COPY OVERVIEW

c/o Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12 Street, S. W.  
Washington, DC 20554

Re: Exparte Comments in ET Docket No. 14-165 and GN Docket Nos. 12-268

Dear Ladies and Gentlemen of the Commission:

My name is Amanda Hoppenjans, MT of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a monitor technician in the Remote Monitoring Services department. In my practice, I work directly and rely upon wireless medical telemetry to safely care for my patients.

I am writing to you as a concerned professional who has been made aware by the American Hospital Association and its professional engineering society, the American Society for Healthcare Engineering, that the Federal Communications Commission (FCC) is considering rules that would allow unlicensed TV White Space devices to operate on the same frequencies as those used in the Wireless Medical Telemetry Service (WMTS) that currently protect patients in our nation's hospitals, health systems and in other health settings. Wireless medical telemetry devices include heart, blood pressure, respiratory and fetal monitors that operate in a protected spectrum that was created by the FCC in 2000. This protected spectrum is now at risk because of the growing appetite for available wireless spectrum fueled by technology giants.

As a health care professional, I have personally welcomed the growth of wireless medical telemetry. It has provided a sustained level of comfort to the most complex and fragile patients whose very lives depend upon the constant monitoring and critical data they provide. Wireless telemetry has repeatedly served as advanced warning systems for life threatening conditions and a fail-safe system for busy providers who are dealing with multiple patient scenarios in critical and often chaotic settings. Its use has also become the standard of care expected in today's health care world.

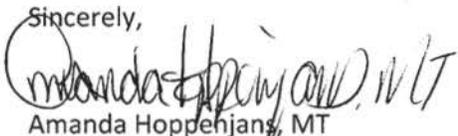
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The job of a monitor technician is to ensure patient safety by constant observation of wireless telemetry waveforms. I am concerned that sharing previously protected spectrum with unlicensed devices operating on the same frequencies as the WMTS would endanger the very patients I am committed to protect. I ask the FCC to put patient safety first and reject any proposals that do not ensure interference free patient monitoring.

Sincerely,



Amanda Hoppenjans, MT  
Monitor Technician  
Remote Monitoring Services  
Memorial Hospital and Health Care Center  
800 W. Ninth Street  
Jasper, IN 47546  
(812) 996-1500

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Federal Communications Commission  
445 12 Street, S. W.  
Washington, DC 20554

Re: Exparte Comments in ET Docket No. 14-165 and GN Docket Nos. 12-268

Dear Ladies and Gentlemen of the Commission:

My name is Kristen Reckelhoff, MT of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a monitor technician in the Remote Monitoring Services department. In my practice, I work directly and rely upon wireless medical telemetry to safely care for my patients.

I am writing to you as a concerned professional who has been made aware by the American Hospital Association and its professional engineering society, the American Society for Healthcare Engineering, that the Federal Communications Commission (FCC) is considering rules that would allow unlicensed TV White Space devices to operate on the same frequencies as those used in the Wireless Medical Telemetry Service (WMTS) that currently protect patients in our nation's hospitals, health systems and in other health settings. Wireless medical telemetry devices include heart, blood pressure, respiratory and fetal monitors that operate in a protected spectrum that was created by the FCC in 2000. This protected spectrum is now at risk because of the growing appetite for available wireless spectrum fueled by technology giants.

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Sincerely,

*Kristen Reckelhoff, MT*

Kristen Reckelhoff, MT  
Monitor Technician  
Remote Monitoring Services  
Memorial Hospital and Health Care Center  
800 W. Ninth Street  
Jasper, IN 47546  
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Federal Communications Commission  
445 12 Street, S. W.  
Washington, DC 20554

Re: Exparte Comments in ET Docket No. 14-165 and GN Docket Nos. 12-268

Dear Ladies and Gentlemen of the Commission:

My name is Tina Roos, MT of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a monitor technician in the Remote Monitoring Services department. In my practice, I work directly and rely upon wireless medical telemetry to safely care for my patients.

I am writing to you as a concerned professional who has been made aware by the American Hospital Association and its professional engineering society, the American Society for Healthcare Engineering, that the Federal Communications Commission (FCC) is considering rules that would allow unlicensed TV White Space devices to operate on the same frequencies as those used in the Wireless Medical Telemetry Service (WMTS) that currently protect patients in our nation's hospitals, health systems and in other health settings. Wireless medical telemetry devices include heart, blood pressure, respiratory and fetal monitors that operate in a protected spectrum that was created by the FCC in 2000. This protected spectrum is now at risk because of the growing appetite for available wireless spectrum fueled by technology giants.

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Sincerely,

A handwritten signature in black ink that reads "Tina Roos, MT". The signature is written in a cursive, flowing style.

Tina Roos, MT

Monitor Technician

Remote Monitoring Services

Memorial Hospital and Health Care Center

800 W. Ninth Street

Jasper, IN 47546

(812) 996-1500

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Federal Communications Commission  
445 12 Street, S. W.  
Washington, DC 20554

Re: Exparte Comments in ET Docket No. 14-165 and GN Docket Nos. 12-268

Dear Ladies and Gentlemen of the Commission:

My name is Taylor Main, MT of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a monitor technician in the Remote Monitoring Services department. In my practice, I work directly and rely upon wireless medical telemetry to safely care for my patients.

I am writing to you as a concerned professional who has been made aware by the American Hospital Association and its professional engineering society, the American Society for Healthcare Engineering, that the Federal Communications Commission (FCC) is considering rules that would allow unlicensed TV White Space devices to operate on the same frequencies as those used in the Wireless Medical Telemetry Service (WMTS) that currently protect patients in our nation's hospitals, health systems and in other health settings. Wireless medical telemetry devices include heart, blood pressure, respiratory and fetal monitors that operate in a protected spectrum that was created by the FCC in 2000. This protected spectrum is now at risk because of the growing appetite for available wireless spectrum fueled by technology giants.

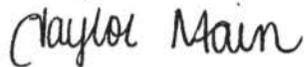
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The job of a monitor technician is to ensure patient safety by constant observation of wireless telemetry waveforms. I am concerned that sharing previously protected spectrum with unlicensed devices operating on the same frequencies as the WMTS would endanger the very patients I am committed to protect. I ask the FCC to put patient safety first and reject any proposals that do not ensure interference free patient monitoring.

Sincerely,

A handwritten signature in cursive script that reads "Taylor Main".

Taylor Main, MT  
Monitor Technician  
Remote Monitoring Services  
Memorial Hospital and Health Care Center  
800 W. Ninth Street  
Jasper, IN 47546  
(812) 996-1500

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Federal Communications Commission  
445 12 Street, S. W.  
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Re: Exparte Comments in ET Docket No. 14-165 and GN Docket Nos. 12-268

Dear Ladies and Gentlemen of the Commission:

My name is Brenda Gehlhausen, MT of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a monitor technician in the Remote Monitoring Services department. In my practice, I work directly and rely upon wireless medical telemetry to safely care for my patients.

I am writing to you as a concerned professional who has been made aware by the American Hospital Association and its professional engineering society, the American Society for Healthcare Engineering, that the Federal Communications Commission (FCC) is considering rules that would allow unlicensed TV White Space devices to operate on the same frequencies as those used in the Wireless Medical Telemetry Service (WMTS) that currently protect patients in our nation's hospitals, health systems and in other health settings. Wireless medical telemetry devices include heart, blood pressure, respiratory and fetal monitors that operate in a protected spectrum that was created by the FCC in 2000. This protected spectrum is now at risk because of the growing appetite for available wireless spectrum fueled by technology giants.

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Sincerely,



Brenda Gehlhausen, MT  
Monitor Technician  
Remote Monitoring Services  
Memorial Hospital and Health Care Center  
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Jasper, IN 47546  
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Re: Exparte Comments in ET Docket No. 14-165 and GN Docket Nos. 12-268

Dear Ladies and Gentlemen of the Commission:

My name is Lynley Bennett, MT of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a monitor technician in the Remote Monitoring Services department. In my practice, I work directly and rely upon wireless medical telemetry to safely care for my patients.

I am writing to you as a concerned professional who has been made aware by the American Hospital Association and its professional engineering society, the American Society for Healthcare Engineering, that the Federal Communications Commission (FCC) is considering rules that would allow unlicensed TV White Space devices to operate on the same frequencies as those used in the Wireless Medical Telemetry Service (WMTS) that currently protect patients in our nation's hospitals, health systems and in other health settings. Wireless medical telemetry devices include heart, blood pressure, respiratory and fetal monitors that operate in a protected spectrum that was created by the FCC in 2000. This protected spectrum is now at risk because of the growing appetite for available wireless spectrum fueled by technology giants.

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Sincerely, 

Lynley Bennett, MT  
Monitor Technician  
Remote Monitoring Services  
Memorial Hospital and Health Care Center  
800 W. Ninth Street  
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445 12 Street, S. W.  
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Re: Exparte Comments in ET Docket No. 14-165 and GN Docket Nos. 12-268

Dear Ladies and Gentlemen of the Commission:

My name is Corissa Farina, MT of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a monitor technician in the Remote Monitoring Services department. In my practice, I work directly and rely upon wireless medical telemetry to safely care for my patients.

I am writing to you as a concerned professional who has been made aware by the American Hospital Association and its professional engineering society, the American Society for Healthcare Engineering, that the Federal Communications Commission (FCC) is considering rules that would allow unlicensed TV White Space devices to operate on the same frequencies as those used in the Wireless Medical Telemetry Service (WMTS) that currently protect patients in our nation's hospitals, health systems and in other health settings. Wireless medical telemetry devices include heart, blood pressure, respiratory and fetal monitors that operate in a protected spectrum that was created by the FCC in 2000. This protected spectrum is now at risk because of the growing appetite for available wireless spectrum fueled by technology giants.

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Sincerely,

A handwritten signature in black ink that reads "Corissa Farina, MT". The signature is written in a cursive style with a large initial 'C'.

Corissa Farina, MT  
Monitor Technician  
Remote Monitoring Services  
Memorial Hospital and Health Care Center  
800 W. Ninth Street  
Jasper, IN 47546  
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Federal Communications Commission  
445 12 Street, S. W.  
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Re: Exparte Comments in ET Docket No. 14-165 and GN Docket Nos. 12-268

Dear Ladies and Gentlemen of the Commission:

My name is Cassidy Dilger, MT of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a monitor technician in the Remote Monitoring Services department. In my practice, I work directly and rely upon wireless medical telemetry to safely care for my patients.

I am writing to you as a concerned professional who has been made aware by the American Hospital Association and its professional engineering society, the American Society for Healthcare Engineering, that the Federal Communications Commission (FCC) is considering rules that would allow unlicensed TV White Space devices to operate on the same frequencies as those used in the Wireless Medical Telemetry Service (WMTS) that currently protect patients in our nation's hospitals, health systems and in other health settings. Wireless medical telemetry devices include heart, blood pressure, respiratory and fetal monitors that operate in a protected spectrum that was created by the FCC in 2000. This protected spectrum is now at risk because of the growing appetite for available wireless spectrum fueled by technology giants.

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Sincerely,

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Cassidy Dilger, MT

Monitor Technician

Remote Monitoring Services

Memorial Hospital and Health Care Center

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Re: Exparte Comments in ET Docket No. 14-165 and GN Docket Nos. 12-268

Dear Ladies and Gentlemen of the Commission:

My name is Emily Gutsell, MT of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a monitor technician in the Remote Monitoring Services department. In my practice, I work directly and rely upon wireless medical telemetry to safely care for my patients.

I am writing to you as a concerned professional who has been made aware by the American Hospital Association and its professional engineering society, the American Society for Healthcare Engineering, that the Federal Communications Commission (FCC) is considering rules that would allow unlicensed TV White Space devices to operate on the same frequencies as those used in the Wireless Medical Telemetry Service (WMTS) that currently protect patients in our nation's hospitals, health systems and in other health settings. Wireless medical telemetry devices include heart, blood pressure, respiratory and fetal monitors that operate in a protected spectrum that was created by the FCC in 2000. This protected spectrum is now at risk because of the growing appetite for available wireless spectrum fueled by technology giants.

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Sincerely,

A handwritten signature in cursive script that reads "Emily Gutgsell, MT".

Emily Gutgsell, MT  
Monitor Technician  
Remote Monitoring Services  
Memorial Hospital and Health Care Center  
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Dear Ladies and Gentlemen of the Commission:

My name is Sydney Schmitt, MT of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a monitor technician in the Remote Monitoring Services department. In my practice, I work directly and rely upon wireless medical telemetry to safely care for my patients.

I am writing to you as a concerned professional who has been made aware by the American Hospital Association and its professional engineering society, the American Society for Healthcare Engineering, that the Federal Communications Commission (FCC) is considering rules that would allow unlicensed TV White Space devices to operate on the same frequencies as those used in the Wireless Medical Telemetry Service (WMTS) that currently protect patients in our nation's hospitals, health systems and in other health settings. Wireless medical telemetry devices include heart, blood pressure, respiratory and fetal monitors that operate in a protected spectrum that was created by the FCC in 2000. This protected spectrum is now at risk because of the growing appetite for available wireless spectrum fueled by technology giants.

As a health care professional, I have personally welcomed the growth of wireless medical telemetry. It has provided a sustained level of comfort to the most complex and fragile patients whose very lives depend upon the constant monitoring and critical data they provide. Wireless telemetry has repeatedly served as advanced warning systems for life threatening conditions and a fail-safe system for busy providers who are dealing with multiple patient scenarios in critical and often chaotic settings. Its use has also become the standard of care expected in today's health care world.

Under proposed rules, telemetry that was protected from interference through the WMTS would now be opened to broadband wireless access across the internet. What this means is that wireless telemetry

that is monitoring one or more critical heart patients could be impacted by radio interference from an external source. In lay terms, this means disruption of the signal such as a missed heartbeat, the lack of a respiration or a flat brain wave. Unfortunately, this very scenario became real when a Dallas TV station testing a digital television transmitter knocked out of operation low-powered heart monitors at Baylor University Medical Center. This disruption was remedied and no patients were harmed but it is a poignant example of what could happen on a much larger scale if unlicensed devices are permitted to operate on the same frequencies as the WMTS.

The job of a monitor technician is to ensure patient safety by constant observation of wireless telemetry waveforms. I am concerned that sharing previously protected spectrum with unlicensed devices operating on the same frequencies as the WMTS would endanger the very patients I am committed to protect. I ask the FCC to put patient safety first and reject any proposals that do not ensure interference free patient monitoring.

Sincerely,

A handwritten signature in cursive script that reads "Sydney Schmitt, MT". The signature is written in black ink and is positioned above the typed name.

Sydney Schmitt, MT

Monitor Technician

Remote Monitoring Services

Memorial Hospital and Health Care Center

800 W. Ninth Street

Jasper, IN 47546

(812) 996-1500

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July 13, 2015

Honorable Tom Wheeler, Chairman  
Honorable Mignon Clyburn, Commissioner  
Honorable Jessica Rosenworcel, Commissioner  
Honorable Ajit Pai, Commissioner  
Honorable Michael O'Reilly, Commissioner

c/o Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12 Street, S. W.  
Washington, DC 20554

Re: Exparte Comments in ET Docket No. 14-165 and GN Docket Nos. 12-268

Dear Ladies and Gentlemen of the Commission:

My name is Riley Widdifield, MT of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a monitor technician in the Remote Monitoring Services department. In my practice, I work directly and rely upon wireless medical telemetry to safely care for my patients.

I am writing to you as a concerned professional who has been made aware by the American Hospital Association and its professional engineering society, the American Society for Healthcare Engineering, that the Federal Communications Commission (FCC) is considering rules that would allow unlicensed TV White Space devices to operate on the same frequencies as those used in the Wireless Medical Telemetry Service (WMTS) that currently protect patients in our nation's hospitals, health systems and in other health settings. Wireless medical telemetry devices include heart, blood pressure, respiratory and fetal monitors that operate in a protected spectrum that was created by the FCC in 2000. This protected spectrum is now at risk because of the growing appetite for available wireless spectrum fueled by technology giants.

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The job of a monitor technician is to ensure patient safety by constant observation of wireless telemetry waveforms. I am concerned that sharing previously protected spectrum with unlicensed devices operating on the same frequencies as the WMTS would endanger the very patients I am committed to protect. I ask the FCC to put patient safety first and reject any proposals that do not ensure interference free patient monitoring.

Sincerely,

A handwritten signature in black ink that reads "Riley Widdifield MT". The signature is written in a cursive style with a large loop at the end of the name.

Riley Widdifield, MT  
Monitor Technician  
Remote Monitoring Services  
Memorial Hospital and Health Care Center  
800 W. Ninth Street  
Jasper, IN 47546  
(812) 996-1500

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July 14, 2015

Honorable Tom Wheeler, Chairman  
Honorable Mignon Clyburn, Commissioner  
Honorable Jessica Rosenworcel, Commissioner  
Honorable Ajit Pai, Commissioner  
Honorable Michael O'Reilly, Commissioner

c/o Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12 Street, S. W.  
Washington, DC 20554

Re: Exparte Comments in ET Docket No. 14-165 and GN Docket Nos. 12-268

Dear Ladies and Gentlemen of the Commission:

My name is Tonya Heim MHA, MSN, RN, NEA-BC of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am Vice President Patient Services and CNO. My staff work directly and rely upon wireless medical telemetry to safely care for patients.

I am writing to you as a concerned registered professional nurse who has been made aware by the American Hospital Association and its professional engineering society, the American Society for Healthcare Engineering, that the Federal Communications Commission (FCC) is considering rules that would allow unlicensed TV White Space devices to operate on the same frequencies as those used in the Wireless Medical Telemetry Service (WMTS) that currently protect patients in our nation's hospitals, health systems and in other health settings. Wireless medical telemetry devices include heart, blood pressure, respiratory and fetal monitors that operate in a protected spectrum that was created by the FCC in 2000. This protected spectrum is now at risk because of the growing appetite for available wireless spectrum fueled by technology giants.

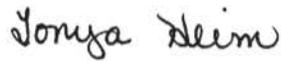
As a health care professional, I have personally welcomed the growth of wireless medical telemetry. It has provided a sustained level of comfort to the most complex and fragile patients whose very lives depend upon the constant monitoring and critical data they provide. Wireless telemetry has repeatedly served as advanced warning systems for life threatening conditions and a fail-safe system for busy providers who are dealing with multiple patient scenarios in critical and often chaotic settings. Its use has also become the standard of care expected in today's health care world.

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Nurses serve on the front lines of ensuring patient safety. I am concerned that sharing previously protected spectrum with unlicensed devices operating on the same frequencies as the WMTS would endanger the very patients I am committed to protect. I ask the FCC to put patient safety first and reject any proposals that do not ensure interference free patient monitoring.

Sincerely,



Tonya Heim MHA, MSN, RN, NEA-BC  
Vice President Patient Services and CNO  
Memorial Hospital and Health Care Center  
800 W 9th Street  
Jasper, IN 47546  
Office 812-996-0500  
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July 13, 2015

Honorable Tom Wheeler, Chairman  
Honorable Mignon Clyburn, Commissioner  
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Honorable Ajit Pai, Commissioner  
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c/o Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12 Street, S. W.  
Washington, DC 20554

Re: Exparte Comments in ET Docket No. 14-165 and GN Docket Nos. 12-268

Dear Ladies and Gentlemen of the Commission:

My name is Sondra Sommers, ASN, RN of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a clinical nurse in the Medical Services department. In my nursing practice, I work directly and rely upon wireless medical telemetry to safely care for my patients.

I am writing to you as a concerned registered professional nurse who has been made aware by the American Hospital Association and its professional engineering society, the American Society for Healthcare Engineering, that the Federal Communications Commission (FCC) is considering rules that would allow unlicensed TV White Space devices to operate on the same frequencies as those used in the Wireless Medical Telemetry Service (WMTS) that currently protect patients in our nation's hospitals, health systems and in other health settings. Wireless medical telemetry devices include heart, blood pressure, respiratory and fetal monitors that operate in a protected spectrum that was created by the FCC in 2000. This protected spectrum is now at risk because of the growing appetite for available wireless spectrum fueled by technology giants.

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