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

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 Katie Upton, 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,

Katie Upton, MT
Monitor Technician
Remote Monitoring Services
Memorial Hospital and Health Care Center
800 W. Ninth Street
Jasper, IN 47546
(812) 996-1500
Dear Ladies and Gentlemen of the Commission:

My name is Kami Schmitt, RN, BSN, CCRN of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a clinical nurse in the Critical Care 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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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,

Kami Schmitt, RN, BSN, CCRN
Clinical Nurse
Critical Care Services
Memorial Hospital and Health Care Center
800 W. Ninth Street
Jasper, IN 47546
(812) 996-0326
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
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 Shawna 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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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,

[Signature]
Shawna Farina, MT
Monitor Technician
Remote Monitoring Services
Memorial Hospital and Health Care Center
800 W. Ninth Street
Jasper, IN 47546
(812) 996-1500
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: Ex parte Comments in ET Docket No. 14-165 and GN Docket Nos. 12-268  

Dear Ladies and Gentlemen of the Commission:  

My name is Taylor Elmer, 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,

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

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 Lane Divine, RN, ASN of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a clinical nurse in the Critical Care 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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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,

Lane Divine, RN, ASN  
Clinical Nurse  
Critical Care Services  
Memorial Hospital and Health Care Center  
800 W. Ninth Street  
Jasper, IN 47546  
(812) 996-0326
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 Polly Bullock, RN, ASN of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a clinical nurse in the Critical Care 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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Sincerely,

Polly Bullock, RN, ASN
Clinical Nurse
Critical Care Services
Memorial Hospital and Health Care Center
800 W. Ninth Street
Jasper, IN 47546
(812) 996-0326
Honorable Tom Wheeler, Chairman
Honorable Mignon Clyburn, Commissioner
Honorable Jessica Rosenworcel, 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 Ellen Burch, RN, BSN of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a clinical nurse in the Critical Care 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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Sincerely,

Ellen Burch, RN, BSN
Clinical Nurse
Critical Care Services
Memorial Hospital and Health Care Center
800 W. Ninth Street
Jasper, IN 47546
(812) 996-0326
Re: Exparte Comments in ET Docket No. 14-165 and GN Docket Nos. 12-268

Dear Ladies and Gentlemen of the Commission:

My name Mandy Goff, RN, ASN of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a clinical nurse in the Critical Care 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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Sincerely,

Mandy Goff, RN, ASN
Clinical Nurse
Critical Care Services
Memorial Hospital and Health Care Center
800 W. Ninth Street
Jasper, IN 47546
(812) 996-0326
Dear Ladies and Gentlemen of the Commission:

My name Ronica Maki, RN, ASN of Memorial Hospital and Health Care Center which is located in Jasper, Indiana. I am a clinical nurse in the Critical Care 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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Sincerely,

Ronica Maki, RN
Clinical Nurse
Critical Care Services
Memorial Hospital and Health Care Center
800 W. Ninth Street
Jasper, IN 47546
(812) 996-0326
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 Sarah Aydt, BSN, 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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Sincerely,

Sarah Aydt, BSN, RN
Clinical Nurse
Medical Services
Memorial Hospital and Health Care Center
800 W. Ninth Street
Jasper, IN 47546
(812) 996-0395
Dear Ladies and Gentlemen of the Commission:

My name is Jessica Veale, 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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Sincerely,

Jessica Veale, ASN, RN
Clinical Nurse
Medical Services
Memorial Hospital and Health Care Center
800 W. Ninth Street
Jasper, IN 47546
(812) 996-0395
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 Kelly White, 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.

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.

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,

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