

INSTRUCTIONS

How to Fill out FCC Form Letter

A = city or town

B = urban, suburban, or rural

C = state

D = number

E = list number of patient rooms/areas served by telemetry

F = number of highest floor with telemetry antennae

G = year

H = if all or most patient rooms served by the telemetry system have wide glass windows please include this sentence, if not delete “and features wide glass windows in most patient rooms”

I = number of acres if rural/suburban, number of city blocks if urban. Only include this sentence if in fact you utilize telemetry outside of your hospital facility such as in urgent care facilities, profession/medical office buildings, wellness center, cardiac rehab center, etc.

Rationale – fields A through G, and I

A key part of the opposition arguments urging for sharing of unlicensed transmitters with WMTS is their assertion that hospitals are not susceptible to interference since telemetry antennas are shielded from outside interference due to the concrete and steel construction of hospitals and low heights of the antennas.

It is critical that we disprove these false assumptions and demonstrate that telemetry is used on upper floors, that because of large windows in patient rooms there is minimal shielding, and that telemetry is used in other places then the main hospital. Establishing that these are typical conditions at multiple hospitals may be the single most important part of our argument that interference will occur if band sharing is allowed.

By providing this detailed basic system information (town, setting, state, height, highest floor with telemetry antennas served, the primary clinical service of that floor, age of building with highest telemetry floor, etc.) we can disprove these false assumptions

Rationale – field H

In field **H**, we are seeking information that identifies the exterior walls of the premises, principally to offset the claim by our opponents that hospital construction normally involves solid or near solid walls that will deflect, to a large degree, any radio signals coming from devices that are located outside of the building.

ASHE argues that many hospitals feature principally glass exteriors or large windows in patient rooms where the WMTS antenna are located that *will not* deflect signals from outside. If that is the case for your hospital, we would like that described in the letter. If not, you can skip this sentence.

Rationale – field J through L

In field **J**, please provide a good description of the many uses of wireless telemetry for patient care in your hospital and on your campus. For example: fetal monitoring, cardiac rehabilitation, emergency department, trauma patients. Keep in mind that the commissioners are not medical professionals, so please utilize layman descriptions of services provided.

In fields **K** and **L**, we want to establish that medical telemetry extends the reach of caregivers, allowing monitoring of multiple patients at an efficient cost. This supports our argument that if interference occurs, rendering medical telemetry to be ineffective, this basic patient service is not easily replaced by another existing technology without increasing cost and decreasing efficiency. In this paragraph, please describe how medical telemetry is used in your institution and the impact to your patients and ability to deliver care if it was no longer reliable.

If you have any questions on how to fill out this letter or why your help is needed please contact me

Thank you for taking the time and committing the effort to creating and mailing this letter to Marlene Dortch at the FCC. Please e-mail a copy of your letter to me for our records

Thanks,
Dale

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