

MAXIMUM ACCESS, LLC.

Northeast Louisiana's High Speed "Wireless" Internet Service Provider

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BRIEF: Maximum Access, LLC is a wireless internet service provider located in Rayville, Louisiana that provides high speed wireless access in 9 Parishes today. I am sure that it is not common knowledge, but all of these Parishes only have high speed internet access in a couple towns each via traditional methods like cable or DSL with the exception of Ouachita Parish which is Monroe/ West Monroe. Furthermore, once outside of the Monroe area the ability for anything more than a POTS line is not a possibility as there is no infrastructure in place ANYWHERE in Northeast Louisiana via ANY Telco or cable company. Maximum Access, LLC is the sole provider of any new technologies and we feel we are working with one arm and both legs tied behind our back due to lack of appropriate spectrum and being passed over by the Telco's due to our very sparse population even though we are this Country's largest Cotton producing parishes as well as huge farmlands of Sweet Potatoes, Rice, Soy beans and Corn.

A. Wireless mics that are nearly never registered. They are used in our area to carry a single voice or an entire band on great occasions. The mics also use "Darwinian" radio technology that has had no innovation in years in dealing with the spectrum that they currently utilize. I know this for a fact as I too am a Musician and own wireless mics.

1. We believe that it would be an out right shame to allow one's ability to walk around and entertain a group of individuals on an "occasion" with a wireless mic or guitar -vs- using the TV whitespace to potentially serve 90% of the State of Louisiana who has no access to high speed internet everyday!

B Higher power for more rural areas.

1. The areas where TV whitespace has sat un-used for years ought to be made available at a higher power in the more rural areas. We have approximately 3 TV stations in a 100 mile radius of our home.

2. This would allow us to carry more people per cell

3.. Those that would other wise never have service due to very remote and very sparse population count would now have internet availability from our current towers.

4. Ability to reach new subscribers

5. Proof positive of bringing new technology and employment to areas that have never had high speed internet access before and will never have except a wireless ISP. If we can cover thousands and thousands of square miles of rural N Louisiana in the "trash" 802.11x spectrum, make a profit and serve these people, what could we accomplish with some spectrum that would actually not suffer such propagation losses through a single wet tree?

C. Innovation and productivity.

1. Compare the devices and the innovative way that wireless 802.11x has not only increased the amount of people we can serve, but the amount of manufacturers constantly working on improving this gear. What would we have if we had these same manufacturers working on gear in the TV Whitespace arena?

2. We believe we have been good stewards and utilized the current free spectrum to its limits in so many places serving clients and building backhuals to many towers. We have towers today that have completely used up the current spectrum in 5GHz spectrum. Additional spectrum is vital to continued growth and with the TV whitespaces being made available we could then revamp our current holdings and use the 802.11x spectrum in new ways. 802.11x has been a wonderful gift from the FCC to the public, but we not only have we outgrown this limited spectrum, but the public has too. Today's applications are more and more including streaming video, IPTV and VoIP. We need the tools (spectrum) to accommodate the public and only the FCC has the power and ability to do this.

D. Not a totally unlicensed spectrum

I am of the belief that if this TV whitespace is allowed to be utilized as 802.11x it will soon fall in the same category and be considered the trash of the spectrum. It is not uncommon to see noise floor levels as high as -70 in Monroe Louisiana as every one has a Linksys wireless router, a microwave oven, cordless telephones...etc. To turn all of these types of devices loose on such great spectrum would be an absolute shame.

E. Hurricane Katrina

1. Maximum Access, LLC led the charge in North Louisiana and the Southern Gulf coast areas of Bay St. Louis, Waveland, Pearlington, Pass Christian and other small communities after Hurricane Katrina deploying wireless infrastructure, PC's and VoIP in these devastated areas as well as shelters in N. Louisiana where the evacuees were located. We were able to utilize my current infrastructure, but so many of these local structures, churches...etc were unable to receive a signal in the 802.11x spectrum. We were blessed in the fact that Trango Broadband donated many thousands of dollars in 900MHz gear to reach these facilities. Men from all over the USA and Canada spent weeks connecting these facilities that may not have been two miles from one of my towers.
2. South Mississippi –
This was a challenge that almost was unattainable due to the current spectrum being utilized to its fullest extent and very Rf unfriendly gear being deployed in that area as well as consumer grade devices polluting the spectrum in Gulfport Mississippi where we were to backhaul a 45Mbps pipe to Waveland/Bay St Louis area. To make a long story short we had to abandon the 5.x spectrum and utilize a 3mbps pipe created (once again) by Trango Broadband 900 MHz radios. These radios are still in place today and still serving the people of Southern Mississippi.

If we were to have another Katrina and had the appropriate spectrum the many months of deployment it took the first time could be managed in just a few days. This TV whitespace is the most important spectrum to Wireless Internet Service providers and to the general populace of the USA in rural areas. It would give us the ability to compete on a grand scale with anyone any where. It would also allow us the instrument to bring in all the new technology from all over the world and make it available to those in very rural areas. It is our belief that the FCC could do the public no greater deed than make this spectrum available to WISPs.

F. WISPA

1 We are a founding Member of WISPA and support their filing #2007220485913

I would like to personally thank the FCC commissioners for their work on this and all other matters dealing with the WIRELESS Internet Service Providers across our Nation.

Sincerely,
Mac Dearman CEO
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