

TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
TELEVISION STATION KMCT-TV
WEST MONROE, LOUISIANA
CHANNEL 22 25 KW (MAX-DA) 92 M HAAT

1. The instant application is the initial 90-day ‘Checklist’ application for the reassigned facilities of KMCT-TV, West Monroe, LA (Channel 22). The proposed KMCT-TV facility will replace its existing directional side-mounted antenna with a new directional antenna of equivalent design for Channel 22. It is noted that the KMCT-TV tower was destroyed in a tornado in October 2014, and was rebuilt with a lesser overall height within the last two years. The KMCT-TV facility, as now licensed on Channel 38, also was rebuilt with a lower height above ground. The new Channel 22 facility for KMCT-TV will be rebuilt at the now licensed height of KMCT-TV, which is 53 m lower than what was originally licensed facility and that reassigned on the new channel. There will be no change in the overall registered structure height.*

2. With the change in antenna radiation center height above ground, and given the registered antenna structure site elevation, the new antenna radiation center height above mean sea level is specified as 118 m.

3. An effective radiated power (ERP) of 25 kW is specified for the Channel 22 facility, which will provide coverage essentially equivalent to the KMCT-TV reassignment facility and such that there is no extension of the predicted service area relative to the baseline reassignment facility listed in the FCC’s Closing and Channel Reassignment (CCR) *Public Notice*.

4. It is noted that the proposed facility is compliant with the 95% population service requirement relative to the CCR baseline facility as outlined in the CCR.

5. Lastly, the instant proposal is compliant with the city coverage requirements of West Monroe, which is demonstrated in the Predicted Coverage Contours exhibit.

* See antenna structure registration number 1296986.