

LICENSE TO COVER
Translator Construction Permit 0000144242
W243EP Madison AL
FACID 72701

TECHNICAL STATEMENTS

TRANSMITTER POWER OUTPUT

TRANSMITTER POWER OUTPUT = 440 WATTS
6m LMR400 Jumper = -0.22 db
Bandpass Filter = -0.63 db
28 METERS OF 7/8" COAX = -0.93dB
ONE-BAY Directional Antenna = -1.52dB
EFFECTIVE RADIATED POWER = 250 WATTS.

SPECIAL OPERATING CONDITIONS:

This application is being filed prior to commencement of program operations.

The translator is rebroadcasting the authorized AM primary station.

The translator is NOT combined with any other signal. The tower is 5-foot in face and this antenna is mounted at the same vertical elevation as that of WDZK-LP (FACID 193473) on an opposing leg of the same tower structure. There is no coupling between the 2 antennas and careful measurements have been made to confirm both facilities are operating fully within with the spurious emissions requirements of 47 C.F.R. Sections 73.317(b) through 73.317(d). All measurements were made with both stations simultaneously, although they do not utilize a shared antenna.