

LICENSE TO COVER
Construction Permit 0000191096
KQTX (FM) Quanah TX
FACID 198725

TECHNICAL STATEMENTS

TRANSMITTER POWER OUTPUT

TRANSMITTER POWER OUTPUT = 2,325 WATTS
4m LMR600 Jumper = -0.10 db
Bandpass Filter = -0.200 db
135 METERS OF 3-1/8" COAX = -0.48dB
TEN-BAY Jampro Antenna = + 7.0dB
EFFECTIVE RADIATED POWER = 9,500 WATTS.

SPECIAL OPERATING CONDITIONS:

This is a combined antenna with 3 stations: KVED (FM) 88.1; KQTX (FM) 98.1 and KPRO (FM) 93.5. The existing KPRO antenna was replaced with a broadband antenna; license applications are being filed for both KVED (FM) and KQTX (FM) Construction permit, and the KPRO (FM) replacement license to reflect the addition of the combiner unit.

The Jampro Combiner and Antenna manufacturer proof of performance data is attached which demonstrates full compliance with all spurious emissions tests which are required by FCC rules. The data for all 3 stations is included on all 3 applications for full compliance.

Upon completion of construction, radiofrequency electromagnetic field strength measurements were made at all points on the property of the tower compound Utilizing an Anaheim Scientific 3-axis RF field strength meter, model e200, held at a height of 2 meters above the surface of the ground, at no point did the meter indicate a level higher than 33.66, which is 17.8 per cent of the allowed 200 microvolts per centimeter squared for a controlled environment. The tower compound is a tightly controlled, high security access location where no member of the general public is ever allowed to be present within 100 meters of the tower.