

**Technical Exhibit FCC Form 349
NORTH TEXAS RADIO GROUP, LP
Long Form Application
Facility ID# 201161
.25 kW Vertical
Jacksonville, TX**

Purpose Of Application

NORTH TEXAS RADIO GROUP, LP, ("NTRG"), the licensee of KEBE FID# 70741 hereby files the long form application for the singleton auction translator.

Interference To Other Facilities

This proposed facility complies with 47CFR 74.1204 of the Commission's rules for interference to other facilities. There is no overlap of the proposed facility's interfering contours with the protected contours of any other application or facility. The existing 55 meter tower for the proposed new site is an existing AM tower. NTRG acknowledges that operation of this facility will cease if there are any complaints of interference. See the following pages for demonstration of no interference and compliance with 74.1204.

Environmental

The proposed location is an existing tower. The antenna proposed above was studied using the OET FM model program. Using this program, with the EPA Antenna Type 1, the worst case for Norwalk NWE 34 antenna mounted at 52 meters above ground level, the worst-case power density at 2 meters above ground level was found to be 3.16 microwatts/cm², which occurs 11 meters from the base of the support structure. This is 1.58% of the maximum level for the general population, uncontrolled exposure level, and exempts the facility from further study, as it is an insignificant contributor.

Long Form
 North Texas Radio Group, L.p.
 CH# 284D - 104.7 MHz, Pwr= 0.25 kw, HAAT= 86.6 M, COR= 223 M
 Average Protected F(50-50)= 12.0 km
 Omni-directional

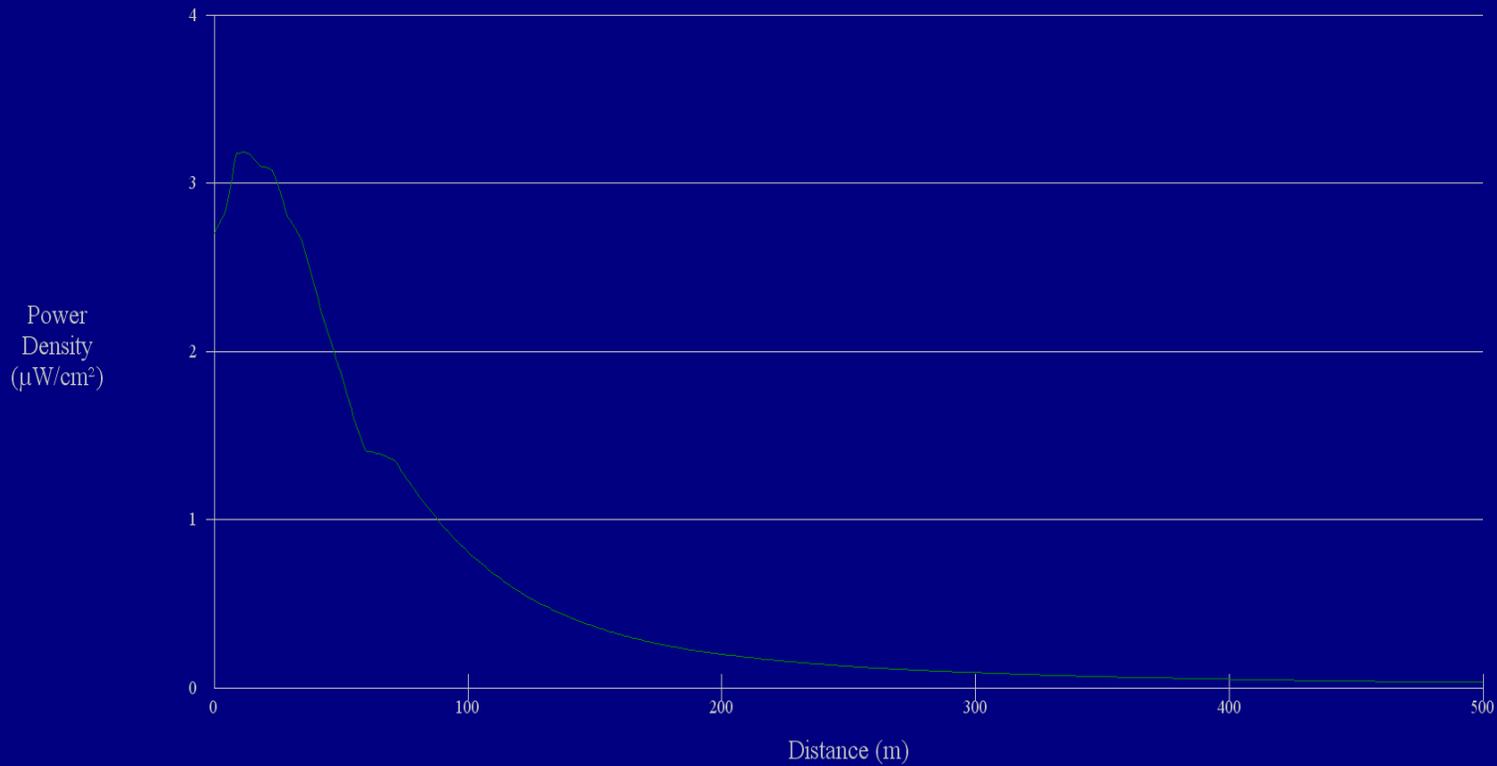
REFERENCE 31 58 11.0 N.
 95 15 52.0 W.

DISPLAY DATES
 DATA 11-27-17
 SEARCH 11-27-17

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
284D Jacksonville	1762724	APP _C_		0.0 0.0	0.00 BNPFT20170726AJH	31 58 11.0 95 15 52.0	0.250	39.2 225	11.5 North Texas Radio Group, L	-50.5*	-50.2*
284C3 Mansfield	KHMD	LIC _C_		89.9 270.7	128.74 BMLD20080819ABK	31 57 49.0 93 53 58.0	25.000 100	115.6 170	40.7 Houston Christian Broadcas	-0.2	42.6
281C2 Tyler	KKUS	LIC _CX		340.8 160.6	61.55 BLH20150528AGK	32 29 32.0 95 28 51.0	50.000 150	6.0 290	52.4 Alpha Media Licensee Llc	44.6	8.0
286C0 Lufkin	KYKS	LIC _CN		138.6 318.9	88.81 BLH19900827KA	31 22 08.0 94 38 45.0	100.000 325	10.8 403	75.5 Townsquare Media Lufkin Li	64.6	12.2
285D Tyler	K285GY	LIC _C_		355.3 175.3	42.57 BLFT20170109ACJ	32 21 05.0 95 18 06.0	0.250	18.3 247	12.6 Salt Of The Earth Broadcas	12.3	14.1
284L1 Chalk Hill	KXAL-LP Communit	LIC _C_		54.5 234.8	70.47 BMLL20050121AEH	32 20 12.0 94 39 14.0	0.074 35	138	39.8 The Church At Lake Cheroke		17.9
284A Winnsboro	KWNS	LIC NCN		358.9 178.9	122.50 BLH19990603KC	33 04 17.0 95 17 22.0	2.750 150	81.6 293	27.6 Lottie L. Foster	28.8	54.6
284C2 Bryan	KKYS	LIC _CN		217.3 36.8	174.58 BLH19891113KC	30 42 59.0 96 22 20.0	50.000 87	128.1 185	42.1 Cc Licenses, Llc	33.3	87.5
283C Dallas	KKDA-FM	LIC NCY		293.7 112.8	174.28 BLH20020408AAN	32 35 19.0 96 58 05.0	100.000 508	128.3 698	86.0 Service Broadcasting Group	34.1	71.0
283D Nacogdoches	1769876	APP _C_		127.1 307.4	71.03 BNPFT20170726ANV	31 34 58.0 94 39 59.0	0.250	21.5 232	14.3 Townsquare Media Lufkin Li	35.6	36.0
287D Kilgore	K287AJ	LIC _C_		38.9 219.1	58.72 BLFT20050809AFP	32 22 48.0 94 52 17.0	0.250 59	1.1 168	8.2 Chalk Hill Communications,	44.0	48.4

Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
 In & Out distances between contours are shown at closest points. Reference zone= West Zone, Co to 3rd adjacent.
 All separation margins (if shown) include rounding.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
 "*"affixed to 'IN' or 'OUT' values = site inside restricted contour.
 Reference station has protected zone issue: AM tower

Power Density vs Distance



Office of Engineering and Technology

Distance (m):	<input type="text" value="500"/>	Antenna Type:	<input type="text" value="Phelps-Dodge 'Ring Stub' or Dipole (EF)"/>
Horizontal ERP (W):	<input type="text" value="0"/>	Number of Elements:	<input type="text" value="1"/>
Vertical ERP (W):	<input type="text" value="250"/>	Element Spacing:	<input type="text" value="1"/>
Antenna Height (m):	<input type="text" value="52"/>		

Update Graph