

LAND MOBILE INTERFERENCE ANALYSIS
LPTV STATION K14PZ-D
LUBBOCK, TEXAS
CHANNEL 14 0.10 KW (H-ONLY) 990.5 M AMSL

This report was prepared on behalf of LPTV station K14PZ-D, Lubbock, TX, in regard to its authorized construction permit facility on Channel 14.* The construction permit facility is authorized with a maximum directional horizontally polarized effective radiated power (ERP) of 0.10 kW with an antenna height of 6 m AGL (990.5 m AMSL). A full-service emission mask is specified. This analysis was based on the facility authorized in the K14PZ-D construction permit.

Channel 14 is immediately adjacent to the 460-470 MHz land mobile (LM) band. This report provides the results of an interference analysis regarding LM receive facilities that are authorized for operation in the adjacent LM band. The analysis is based on the FCC's master frequency database.

The LM interference analysis results are based on the installation of a full-service emission mask, which, given the low maximum effective radiated power of 0.10 kW, is sufficient to provide the required protection to LM services in the 460-470 kHz band.

Protection of Land Mobile Facilities

An analysis was conducted of LM facilities in the 460-470 MHz LM band that could be affected by the proposed Channel 14 facility. Specifically, a study of LM facilities within 80 km of the transmitter site, and in the band segment from 465-470 MHz, was conducted. This analysis encompassed 613 LM records.

* See FCC File Nos. 0000151427. An engineering data summary sheet is attached hereto for the K14PZ-D authorized facility for reference.

A sample calculation of the interference analysis with respect to LM facility record, WPAK271, on 469.9750 MHz, is summarized below:[†]

Parameter	Value
Frequency	469.9750 MHz
Ch. 14 Average EIRP (ERP _{dipole} =0.10 kW)	+52.2 dBm
Full-service mask emission suppression [‡]	47.0 dB
DTV coupling into LM (12.5 kHz assumed LM bandwidth)	16.0 dB
Cross-polarization discrimination	20.0 dB
Free-space path loss to receive antenna at given frequency (9.6 km)	105.6 dB
LM antenna gain	11 dBi
LM line loss	2.0 dB
Azimuth pattern discrimination factor (dB) [§]	0.0 dB
Received DTV interference power	-127.4 dBm
Equivalent field strength per Section 73.687(e)(4)(ii)	3.2 dBuV/m
FCC interference criteria per Section 73.687(e)(4)(ii)	17 dBuV/m
Margin to interference per Section 73.687(e)(4)(ii)	13.8 dB
Analysis result	PASS

The analysis was based on the 17 dBuV/m interference field strength criteria outlined in Section 73.687(e)(4)(ii) of the FCC Rules.

[†] The subject record is highlighted on page 1 of the tabulation of LM records analyzed.

[‡] It is noted that most modern solid-state transmitters generally have shoulder level performance that is better than the minimum 47 dB shelf requirement.

[§] Although the transmitting antenna azimuthal discrimination toward the direction of interest is 40 dB, it was not necessary to take into consideration this factor in developing the interference analysis. However, this analysis is very conservative taking into consideration that factor.

The LM interference analysis results were sorted in order of descending frequency, then by increasing margin of protection. The results indicate that the K14PZ-D facility is fully compliant with the interference protection limit relating to adjacent LM facilities.



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September 22, 2021

TV Inquiry LMS

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Callsign: K14PZ-D **Service:** LPD **Status:** AMD **App. Status:** GRA **Rec. Type:** C
Channel: 14 **Zone:** **Application File No.:** 0000151427 **Chan Share Host:**
Fac. ID: 129376 **FRN:** 0026455469 **Loc. Record ID:** 25076ff37a62bcc4017a7c1a55fa246b **DT Emission Mask:** F
City: LUBBOCK **State:** TX **Country:** US **CP Expiration Date:** 2022-01-10
Party Name: THREE ANGELS BROADCASTING NETWORK, INC. **Last Change Date:** 2021-07-07

Latitude (NAD 83): 033-28-38.4 **Height AGL (m):** 6 **Polarization:** H
Longitude (NAD 83): 101-53-54 **Overall Height AGL (m):** 10 **Electrical Tilt (°):**
RCAMSL (m): 990.5 **ERP (kW):** 0.1 **Mechanical Tilt (°):**
Site Elevation AMSL (m): 984.5 **Maximum ERP (kW):** **Degrees True (°):**
HAAT (m): **Maximum ERP (dBk):**

Ant Type: DIR **Antenna ID:** 20778 **Rotation (°):** 160

0°	1.000	90°	0.010	180°	0.010	270°	0.010
10°	0.947	100°	0.010	190°	0.010	280°	0.010
20°	0.812	110°	0.010	200°	0.010	290°	0.010
30°	0.622	120°	0.010	210°	0.010	300°	0.010
40°	0.361	130°	0.010	220°	0.010	310°	0.086
50°	0.086	140°	0.010	230°	0.010	320°	0.361
60°	0.010	150°	0.010	240°	0.010	330°	0.622
70°	0.010	160°	0.010	250°	0.010	340°	0.812
80°	0.010	170°	0.010	260°	0.010	350°	0.947

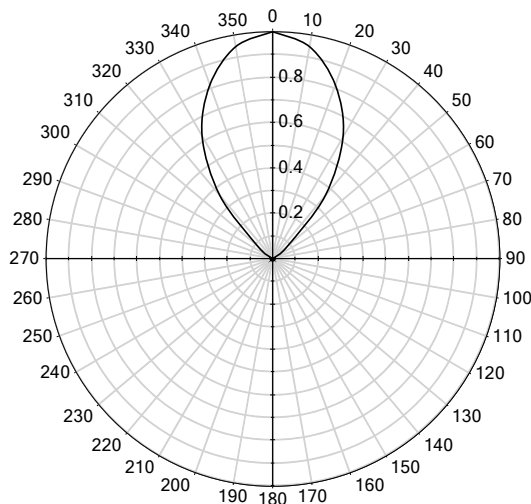
Antenna Make: SCA

Antenna Model: CL-1469

Last Change Date: 2021-07-06 09:55:59.602

Ant. Record ID: 25076ff37a62bcc4017a7c1a55fa246c

Note: Rotation or tilt is not applied to the pattern shown



Type:	ASRN:	FAA Study No.:	Structure Height (m):
Latitude (NAD 83):		Date Received:	Structure Height (ft):
Longitude (NAD 83):		Date Entered:	Ground Elevation (m):
		Date Issued:	Ground Elevation (ft):
		Date Constructed:	Overall Height AGL (m):
Struct. Address:		Date Dismantled:	Overall Height AGL (ft):
			Overall Height AMSL (m):
			Overall Height AMSL (ft):
Entity Name:			

TABULATION OF LAND MOBILE RECORDS AND INTERFERENCE ANALYSIS
K14PZ-D, LUBBOCK, TEXAS, CHANNEL 14 (FULL-SERVICE EMISSION MASK)

Callsign	Licensee Name	Status Code	Location City	Location State	Location County	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Distance From Center (km)	Azimuth From Center	Assigned Frequency	Distance (mi.)	FCC Full-Service Mask Req. (dB)	20°Log (Dist km) (dB)	Calc. Loss (dB)	Az. Pat. Discrim. (dB)	IX (dBm) (w/o Az. Discrim.)	Total IX (dBm)	Total IX (in dBu)	Margin above Limit
WPAK271	LUBBOCK AMBULANCE CORPORATION	Active	LUBBOCK	TX	LUBBOCK	33	33	42.3	101	52	34.6	9.6	12.3	469.9750	6.0	47.0	19.6	-60.7	0.0	-127.4	-127.4	3.2	13.8
WNCY577	BLAGRAVE, DERWOOD	Active	ACKERLY	TX	MARTIN	32	30	15.4	101	39	46.5	19.9	60.9	469.9750	12.4	47.0	26.0	-60.7	0.0	-133.7	-133.7	-3.1	20.1
WQOH821	APACHE CORPORATION	Active	GARDEN CITY	TX	GLASSCOCK	31	55	26.8	101	31	37.3	62.5	151.1	469.9750	38.8	47.0	35.9	-60.7	0.0	-143.7	-143.7	-13.1	30.1
WRRF878	Targa Midstream Services LLC	Active	Midland	TX	MIDLAND	31	44	9.5	101	47	54.8	75.7	176.5	469.975	47.0	47.0	37.6	-60.7	0.0	-145.3	-145.3	-14.7	31.7
WQON908	CEMEX CONSTRUCTION MATERIALS FL	Active	ODESSA	TX	ECTOR	31	50	0.5	102	23	1.5	82.1	218	469.9750	51.0	47.0	38.3	-60.7	0.0	-146.0	-146.0	-15.4	32.4
WRFI715	Behavioral Health Center of the Permian	Active	Odessa	TX	MIDLAND	31	55	22.7	102	13	19.3	65.2	212.7	469.9625	40.5	47.0	36.3	-60.7	0.0	-144.0	-144.0	-13.4	30.4
WPKN991	JP JENKINS INC DBA SOUTH PLAINS CO	Active	LUBBOCK	TX	LUBBOCK	33	34	0.3	101	57	56.6	11.7	327.9	469.9500	7.3	47.0	21.4	-60.7	0.0	-129.1	-129.1	1.5	15.5
WQOD769	ALON USA	Active	BIG SPRING	TX	HOWARD	32	16	4.3	101	24	42.2	44.3	112	469.9500	27.5	47.0	32.9	-60.7	0.0	-140.7	-140.7	-10.1	27.1
WPML570	SPEIGHT, CARL: SPEIGHT, JOHN: SPEIGHT	Active	ANDREWS	TX	ANDREWS	32	18	8	102	36	51	73.2	260.1	469.9500	45.5	47.0	37.3	-60.7	0.0	-145.0	-145.0	-14.4	31.4
WQTV596	Teinert Metals	Active	Lubbock	TX	LUBBOCK	33	32	44.2	101	49	1.5	10.7	44.8	469.9375	6.6	47.0	20.6	-60.7	0.0	-128.3	-128.3	2.3	14.7
WQWM904	South Plains Communications	Active	Gail	TX	BORDEN	32	45	37.3	101	27	32.4	52.7	43.6	469.9375	32.7	47.0	34.4	-60.7	0.0	-142.2	-142.2	-11.6	28.6
WQGP370	MCM PROPERTIES LTD	Active	ODESSA	TX	ECTOR	31	53	40.5	102	20	28.1	74.3	218.7	469.9250	46.2	47.0	37.4	-60.7	0.0	-145.2	-145.2	-14.6	31.6
WQON908	CEMEX CONSTRUCTION MATERIALS FL	Active	ODESSA	TX	ECTOR	31	50	0.5	102	23	1.5	82.1	218	469.925	51.0	47.0	38.3	-60.7	0.0	-146.0	-146.0	-15.4	32.4
WRCE667	Acquire Oilfield Solutions	Active	Andrews	TX	ANDREWS	32	19	3.2	102	34	37.5	69.5	261	469.9125	43.2	47.0	36.8	-60.7	0.0	-144.6	-144.6	-14.0	31.0
WRFI715	Behavioral Health Center of the Permian	Active	Odessa	TX	MIDLAND	31	55	22.7	102	13	19.3	65.2	212.7	469.9000	40.5	47.0	36.3	-60.7	0.0	-144.0	-144.0	-13.4	30.4
WQQA641	Texas Communications of San Angelo,	Active	Sterling City	TX	STERLING	31	51	20	101	1	39	99.4	128.7	469.9000	61.8	47.0	39.9	-60.7	0.0	-147.7	-147.7	-17.1	34.1
WQOH868	MCDONALD'S RESTAURANTS OF TEXAS	Active	LUBBOCK	TX	LUBBOCK	33	31	10	101	54	6	4.7	356.2	469.8875	2.9	47.0	13.4	-60.7	0.0	-121.2	-121.2	9.4	7.6
WQBZ914	Professional Communications	Active	Andrews	TX	ANDREWS	32	19	23	102	28	53	60.5	260.2	469.8875	37.6	47.0	35.6	-60.7	0.0	-143.4	-143.4	-12.8	29.8
WPYL976	LLANO LOGISTICS INC.	Active	LUBBOCK	TX	LUBBOCK	33	32	28	101	49	6	10.3	46.3	469.8750	6.4	47.0	20.3	-60.7	0.0	-128.0	-128.0	2.6	14.4
WPBT639	NORRIS, NORMAN	Active	RALLS	TX	CROSBY	33	44	18.3	101	28	3.6	49.4	53.8	469.8750	30.7	47.0	33.9	-60.7	0.0	-141.6	-141.6	-11.0	28.0
WYH725	Ector County Independent School Distr	Active	ODESSA	TX	ECTOR	31	50	15.5	102	24	4.5	82.8	219.1	469.8750	51.4	47.0	38.4	-60.7	0.0	-146.1	-146.1	-15.5	32.5
WTPP374	Professional Communications	Active	BIG SPRING	TX	HOWARD	32	13	6	101	27	10	43.3	120.7	469.8625	26.9	47.0	32.7	-60.7	0.0	-140.5	-140.5	-9.9	26.9
WRMK307	Tanner Heffington Farms	Active	Littlefield	TX	LAMB	33	51	16.3	102	17	59.3	56	318.6	469.8625	34.8	47.0	35.0	-60.7	0.0	-142.7	-142.7	-12.1	29.1
WPML570	SPEIGHT, CARL: SPEIGHT, JOHN: SPEIGHT	Active	BIG SPRING	TX	HOWARD	32	11	6.4	101	27	57.4	44.3	125.6	469.85	27.5	47.0	32.9	-60.7	0.0	-140.7	-140.7	-10.1	27.1
WPWJ632	Bear Communications, Inc.	Active	GIDDINGS	TX	LEE	32	43	22	102	1	52	38	333.3	469.8375	23.6	47.0	31.6	-60.7	0.0	-139.3	-139.3	-8.7	25.7
WQPP207	Plains Cotton Cooperative - ACG Divisi	Active	Littlefield	TX	LAMB	33	54	53.5	102	18	2.8	61.2	322.7	469.8375	38.0	47.0	35.7	-60.7	0.0	-143.5	-143.5	-12.9	29.9
WQWM939	South Plains Electric Cooperative Inc	Active	Lubbock	TX	LUBBOCK	33	36	53.2	101	57	19.8	16.1	340.9	469.8250	10.0	47.0	24.1	-60.7	0.0	-131.9	-131.9	-1.3	18.3
WQOS330	South Plains Communications	Active	Patricia	TX	DAWSON	32	36	16	102	9	52	36.3	305.1	469.8250	22.6	47.0	31.2	-60.7	0.0	-138.9	-138.9	-8.3	25.3
WQVS373	ECTOR COUNTY IND. SCHOOL DISTRICT	Active	ODESSA	TX	ECTOR	31	52	15.5	102	21	11.5	77.1	218.2	469.8250	47.9	47.0	37.7	-60.7	0.0	-145.5	-145.5	-14.9	31.9
WQON908	CEMEX CONSTRUCTION MATERIALS FL	Active	ODESSA	TX	ECTOR	31	50	0.5	102	23	1.5	82.1	218	469.825	51.0	47.0	38.3	-60.7	0.0	-146.0	-146.0	-15.4	32.4
WQFC983	Stonagate Fellowship Church	Active	Midland	TX	MIDLAND	32	0	35	102	10	2	54.3	213.6	469.8000	33.7	47.0	34.7	-60.7	0.0	-142.4	-142.4	-11.8	28.8
WRBY421	LUBBOCK ISD/MONTEREY HIGH	Active	LUBBOCK	TX	LUBBOCK	33	33	2.2	101	53	7.1	8.2	8.4	469.7875	5.1	47.0	18.3	-60.7	0.0	-126.0	-126.0	4.6	12.4
WRJX267	MIDLAND INDEPENDENT SCHOOL DIST	Active	MIDLAND	TX	MIDLAND	31	59	46.1	102	4	52.6	51.6	205.2	469.7875	32.1	47.0	34.3	-60.7	0.0	-142.0	-142.0	-11.4	28.4
WPOA995	MIDLAND PARK MALL #2580	Active	MIDLAND	TX	MIDLAND	32	0	29.4	102	3	29.5	49.5	203.5	469.7750	30.8	47.0	33.9	-60.7	0.0	-141.6	-141.6	-11.0	28.0
WQQA641	Texas Communications of San Angelo,	Active	Sterling City	TX	STERLING	31	51	20	101	1	39	99.4	128.7	469.7750	61.8	47.0	39.9	-60.7	0.0	-147.7	-147.7	-17.1	34.1
WQWM939	South Plains Electric Cooperative Inc	Active	Lorenzo	TX	CROSBY	33	32	7	101	30	50.3	36.3	79.6	469.7625	22.6	47.0	31.2	-60.7	0.0	-138.9	-138.9	-8.3	25.3
WPTK653	Professional Communications	Active	SEMINOLE	TX	GAINES	32	41	46.6	102	30	12.4	68.9	297	469.7625	42.8	47.0	36.8	-60.7	0.0	-144.5	-144.5	-13.9	30.9
WQIF454	Pioneer Natural Resources USA, Inc.	Active	LENORAH	TX	MARTIN	32	19	23	101	53	4	11	198.1	469.7500	6.8	47.0	20.8	-60.7	0.0	-128.6	-128.6	2.0	15.0
WQIF454	Pioneer Natural Resources USA, Inc.	Active	LENORAH	TX	MARTIN	32	19	23	101	53	4	11	198.1	469.7500	6.8	47.0	20.8	-60.7	0.0	-128.6	-128.6	2.0	15.0
WQIF454	Pioneer Natural Resources USA, Inc.	Active	MIDLAND	TX	MIDLAND	32	1	54.2	102	0	25.6	45.3	199.3	469.7500	28.1	47.0	33.1	-60.7	0.0	-140.9	-140.9	-10.3	27.3
WPXF269	South Plains Communications	Active	Lubbock	TX	LUBBOCK	33	35	5	101	50	56	12.8	21	469.7250	8.0	47.0	22.1	-60.7	0.0	-129.9	-129.9	0.7	16.3
WPML570	SPEIGHT, CARL: SPEIGHT, JOHN: SPEIGHT	Active	ANDREWS	TX	ANDREWS	32	18	8	102	36	51	73.2	260.1	469.725	45.5	47.0	37.3	-60.7	0.0	-145.0	-145.0	-14.4	31.4
WRDQ239	LUBBOCK INDEPENDENT SCHOOL-WA	Active	LUBBOCK	TX	LUBBOCK	33	31	26.4	101	52	48.4	5.4	18	469.7000	3.4	47.0	14.6	-60.7	0.0	-122.4	-122.4	8.2	8.8
WQVA754	EDF Renewable Services	Active	ODonnell	TX	BORDEN	32	53	40.5	101	39	22.1	55.9	18.7	469.7000	34.7	47.0	34.9	-60.7	0.0	-142.7	-142.7	-12.1	29.1
WQOH821	APACHE CORPORATION	Active	GARDEN CITY	TX	GLASSCOCK	31	55	26.8	101	31	37.3	62.5	151.1	469.7000	38.8	47.0	35.9	-60.7	0.0	-143.7	-143.7	-13.1	30.1
WTPP374	Professional Communications	Active	BIG SPRING	TX	HOWARD	32	13	6	101	27	10	43.3	120.7	469.6875	26.9	47.0	32.7	-60.7	0.0	-140.5	-140.5	-9.9	26.9
WQDV333	Professional Communications	Active	LEVELLAND	TX	HOCKLEY	33	35	36.4	102	25	10.4	50.1	285.1	469.6875	31.1	47.0	34.0	-60.7	0.0	-141.7	-141.7	-11.1	28.1
WRKF287	MASTER METER INC.	Active	POST	TX	GARZA	33	11	27.1	101	22	53.9	57.6	123.4	469.6813	35.8	47.0	35.2	-60.7	0.0	-142.9	-142.9	-12.3	29.3
WQIV563	OZARK AUTOMOTIVE DISTRIBUTORS IN	Active	LUBBUCK	TX	LUBBOCK	33	37	34.5	101	50	0.2	17.6	20	469.6750	10.9	47.0	24.9	-60.7	0.0	-132.6	-132.6	-2.0	19.0
WQGP370	MCM PROPERTIES LTD	Active	ODESSA	TX	ECTOR	31	53	40.5	102	20	28.1	74.3	218.7	469.6750	46.2	47.0	37.4	-60.7	0.0	-145.2	-145.2	-14.6	31.6

**TABULATION OF LAND MOBILE RECORDS AND INTERFERENCE ANALYSIS
K14PZ-D, LUBBOCK, TEXAS, CHANNEL 14 (FULL-SERVICE EMISSION MASK)**

Callsign	Licensee Name	Status Code	Location City	Location State	Location County	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Distance From Center (km)	Azimuth From Center	Assigned Frequency	Distance (mi.)	FCC Full-Service Mask Req. (dB)	20*Log (Dist km) (dB)	Calc. Loss (dB)	Az. Pat. Discrim. (dB)	IX (dBm) (w/o Az. Discrim.)	Total IX (dBm)	Total IX (in dBu)	Margin above Limit
WRAN524	TEXAS TECH UNIVERSITY SYSTEM	Active	LUBBOCK	TX	LUBBOCK	33	34	52.4	101	52	29.3	11.7	10.7	469.6625	7.3	47.0	21.4	-60.7	0.0	-129.1	-129.1	1.5	15.5
WQAL965	PROFESSIONAL COMMUNICATIONS	Active	SEMINOLE	TX	GAINES	32	44	46.5	102	40	18	85.5	295.6	469.6625	53.1	47.0	38.6	-60.7	0.0	-146.4	-146.4	-15.8	32.8
WQOJ868	MCDONALD'S RESTAURANTS OF TEXAS	Active	LUBBOCK	TX	LUBBOCK	33	31	10	101	54	6	4.7	356.2	469.6375	2.9	47.0	13.4	-60.7	0.0	-121.2	-121.2	9.4	7.6
	RINGCO OILFIELD	Pending	MIDLAND	TX	MIDLAND	31	57	39.3	102	1	50.2	53.5	198.7	469.6375	33.2	47.0	34.6	-60.7	0.0	-142.3	-142.3	-11.7	28.7
WPTK653	Professional Communications	Active	SEMINOLE	TX	GAINES	32	41	46.6	102	30	12.4	68.9	297	469.5875	42.8	47.0	36.8	-60.7	0.0	-144.5	-144.5	-13.9	30.9
WPYB792	PROFESSIONAL COMMUNICATIONS	Active	SNYDER	TX	SCURRY	32	42	31	101	0	20	85.5	67.5	469.5875	53.1	47.0	38.6	-60.7	0.0	-146.4	-146.4	-15.8	32.8
WQFJ895	Texas Tech University	Active	Lubbock	TX	LUBBOCK	33	34	43.3	101	52	58	11.3	7.3	469.5750	7.0	47.0	21.1	-60.7	0.0	-128.8	-128.8	1.8	15.2
WQQA639	EnerVest Operating, LLC	Active	Tarzan	TX	MARTIN	32	18	22.3	101	59	18.6	18.1	226.9	469.5750	11.2	47.0	25.2	-60.7	0.0	-132.9	-132.9	-2.3	19.3
WQBH241	Lamb County Electric Coop Inc	Active	Levelland	TX	HOCKLEY	33	40	39	102	14	25	38.7	305.2	469.5250	24.0	47.0	31.8	-60.7	0.0	-139.5	-139.5	-8.9	25.9
WNIU577	PANDO, ALEJANDRO	Active	BROWNFIELD	TX	TERRY	33	10	25.3	102	17	24.7	49.7	227.3	469.5250	30.9	47.0	33.9	-60.7	0.0	-141.7	-141.7	-11.1	28.1
WQXQ438	Apache Corporation	Active	Andrews	TX	ANDREWS	32	18	14.5	102	36	16.2	72.3	260.1	469.5250	44.9	47.0	37.2	-60.7	0.0	-144.9	-144.9	-14.3	31.3
WQUN966	Sunset Church of Christ	Active	Lubbock	TX	LUBBOCK	33	33	46.4	101	53	44.1	9.5	1.5	469.475	5.9	47.4	19.6	-60.7	0.0	-127.7	-127.7	2.9	14.1
WQOJ868	MCDONALD'S RESTAURANTS OF TEXAS	Active	LUBBOCK	TX	LUBBOCK	33	31	10	101	54	6	4.7	356.2	469.4625	2.9	47.6	13.4	-60.7	0.0	-121.8	-121.8	8.8	8.2
WRJX267	MIDLAND INDEPENDENT SCHOOL DIST	Active	MIDLAND	TX	MIDLAND	31	59	46.1	102	4	52.6	51.6	205.2	469.4625	32.1	47.6	34.3	-60.7	0.0	-142.6	-142.6	-12.0	29.0
WQDV333	Professional Communications	Active	BROWNFIELD	TX	TERRY	33	10	30	102	17	22	49.5	227.3	469.4375	30.8	47.9	33.9	-60.7	0.0	-142.5	-142.5	-11.9	28.9
WRDT833	MASTER METER INC.	Active	LEVELLAND	TX	HOCKLEY	33	35	28.6	102	21	22.6	44.4	286.7	469.43125	27.6	47.9	32.9	-60.7	0.0	-141.6	-141.6	-11.0	28.0
WQUZ250	P B Materials, LLC	Active	Slaton	TX	LUBBOCK	33	31	17.9	101	39	8.2	23.4	77.7	469.425	14.5	48.0	27.4	-60.7	0.0	-136.1	-136.1	-5.5	22.5
WQPK360	Petro Communications Inc.	Active	Midland	TX	MIDLAND	31	58	35	102	1	6	51.5	198.1	469.4250	32.0	48.0	34.2	-60.7	0.0	-143.0	-143.0	-12.4	29.4
WRMK307	Tanner Heffington Farms	Active	Littlefield	TX	LAMB	33	51	16.3	102	17	59.3	56	318.6	469.425	34.8	48.0	35.0	-60.7	0.0	-143.7	-143.7	-13.1	30.1
WQWM939	South Plains Electric Cooperative Inc	Active	Lorenzo	TX	CROSBY	33	32	7	101	30	50.3	36.3	79.6	469.4125	22.6	48.2	31.2	-60.7	0.0	-140.1	-140.1	-9.5	26.5
WPTK654	Professional Communications	Active	MIDLAND	TX	MIDLAND	31	57	48	102	2	17	53.4	199.6	469.4125	33.2	48.2	34.6	-60.7	0.0	-143.4	-143.4	-12.8	29.8
WPKN990	JP JENKINS INC DBA SOUTH PLAINS CC	Active	LITTLEFIELD	TX	LAMB	33	54	8.3	102	20	13.6	62.3	319.5	469.4	38.7	48.3	35.9	-60.7	0.0	-144.9	-144.9	-14.3	31.3
WRAE716	TURNER, ANDY	Active	ROPESVILLE	TX	HOCKLEY	33	29	23.2	102	7	53.7	21.7	273.7	469.3875	13.5	48.4	26.7	-60.7	0.0	-135.9	-135.9	-5.3	22.3
	STANTON ISD	Pending	STANTON	TX	MARTIN	32	7	50.5	101	48	19.3	32	172.8	469.3875	19.9	48.4	30.1	-60.7	0.0	-139.3	-139.3	-8.7	25.7
WRDU239	LUBBOCK INDEPENDENT SCHOOL-WAT	Active	LUBBOCK	TX	LUBBOCK	33	31	26.4	101	52	48.4	5.4	18	469.3750	3.4	48.6	14.6	-60.7	0.0	-124.0	-124.0	6.6	10.4
WRCR502	ODESSA CHRISTIAN FAITH CENTER	Active	ODESSA	TX	ECTOR	31	56	18.1	102	24	4.3	74.4	224.5	469.3750	46.2	48.6	37.4	-60.7	0.0	-146.7	-146.7	-16.1	33.1
WPFV551	NEWFIELD, PETER	Active	SEMINOLE	TX	GAINES	32	50	22.4	102	36	27.7	85.3	303.6	469.3750	53.0	48.6	38.6	-60.7	0.0	-147.9	-147.9	-17.3	34.3
WQNX377	HGA Pipeline Services LLC	Active	Midland	TX	MIDLAND	31	56	46.7	102	8	23.6	59	207.7	469.3625	36.7	48.7	35.4	-60.7	0.0	-144.9	-144.9	-14.3	31.3
WREN463	Navitas Midstream Partners, LLC	Active	Midland	TX	GLASSCOCK	31	50	32.3	101	45	55.2	64.2	173	469.3625	39.9	48.7	36.2	-60.7	0.0	-145.6	-145.6	-15.0	32.0
WQZE665	Siemens Gamesa Renewable Energy, Inc	Active	FLUVANNA	TX	SCURRY	32	53	23	101	8	44	84.2	51.2	469.3625	52.3	48.7	38.5	-60.7	0.0	-148.0	-148.0	-17.4	34.4
WPXF269	South Plains Communications	Active	Lubbock	TX	LUBBOCK	33	35	5	101	50	56	12.8	21	469.3500	8.0	48.9	22.1	-60.7	0.0	-131.7	-131.7	-1.1	18.1
	RINGCO OILFIELD	Pending	MIDLAND	TX	MIDLAND	31	57	39.3	102	1	50.2	53.5	198.7	469.3375	33.2	49.0	34.6	-60.7	0.0	-144.3	-144.3	-13.7	30.7
WQXZ895	SOUTH PLAINS COLLEGE	Active	LEVELLAND	TX	HOCKLEY	33	34	33	102	21	57	44.8	284.3	469.3250	27.8	49.2	33.0	-60.7	0.0	-142.9	-142.9	-12.3	29.3
WRDS729	LUBBOCK INDEPENDENT SCHOOL DIST	Active	LUBBOCK	TX	LUBBOCK	33	34	41	101	51	13.3	11.9	20.3	469.3125	7.4	49.3	21.5	-60.7	0.0	-131.5	-131.5	-0.9	17.9
WQPK360	Petro Communications Inc.	Active	Midkiff	TX	GLASSCOCK	31	41	52	101	41	30	81.1	169.5	469.3000	50.4	49.4	38.2	-60.7	0.0	-148.4	-148.4	-17.8	34.8
WRDS729	LUBBOCK INDEPENDENT SCHOOL DIST	Active	LUBBOCK	TX	LUBBOCK	33	34	41	101	51	13.3	11.9	20.3	469.2875	7.4	49.6	21.5	-60.7	0.0	-131.8	-131.8	-1.2	18.2
WRJF697	Petro Communications Inc.	Active	MIDLAND	TX	MIDLAND	31	59	0	102	3	3	51.8	201.6	469.2875	32.2	49.6	34.3	-60.7	0.0	-144.6	-144.6	-14.0	31.0
WQZR656	Continental Intermodal Group	Active	ODESSA	TX	ECTOR	31	49	56.8	102	19	20.3	78.8	214.6	469.2750	49.0	49.7	37.9	-60.7	0.0	-148.4	-148.4	-17.8	34.8
WRDS729	LUBBOCK INDEPENDENT SCHOOL DIST	Active	LUBBOCK	TX	LUBBOCK	33	34	41	101	51	13.3	11.9	20.3	469.2625	7.4	49.9	21.5	-60.7	0.0	-132.1	-132.1	-1.5	18.5
WRAB797	R E JANES CO	Active	SLATON	TX	CROSBY	33	25	20.5	101	29	27.3	38.4	99.1	469.2375	23.9	50.2	31.7	-60.7	0.0	-142.6	-142.6	-12.0	29.0
WQFC983	Stonagate Fellowship Church	Active	Midland	TX	MIDLAND	32	0	35	102	10	2	54.3	213.6	469.2375	33.7	50.2	34.7	-60.7	0.0	-145.6	-145.6	-15.0	32.0
WQZN735	FIRST UNITED METHODIST CHURCH	Active	MIDLAND	TX	MIDLAND	32	0	0.3	102	4	25.8	50.9	204.7	469.2250	31.6	50.3	34.1	-60.7	0.0	-145.2	-145.2	-14.6	31.6
WRDS729	LUBBOCK INDEPENDENT SCHOOL DIST	Active	LUBBOCK	TX	LUBBOCK	33	34	41	101	51	13.3	11.9	20.3	469.2125	7.4	50.5	21.5	-60.7	0.0	-132.7	-132.7	-2.1	19.1
WPKN991	JP JENKINS INC DBA SOUTH PLAINS CC	Active	LUBBOCK	TX	LUBBOCK	33	34	0.3	101	57	56.6	11.7	327.9	469.2000	7.3	50.6	21.4	-60.7	0.0	-132.7	-132.7	-2.1	19.1
WQRE793	INDUSTRIAL COMMUNICATIONS INC	Active	ODESSA	TX	ECTOR	31	51	41.4	102	19	43.5	76.5	216.3	469.2000	47.5	50.6	37.7	-60.7	0.0	-149.0	-149.0	-18.4	35.4
WQOJ868	MCDONALD'S RESTAURANTS OF TEXAS	Active	LUBBOCK	TX	LUBBOCK	33	31	10	101	54	6	4.7	356.2	469.1875	2.9	50.7	13.4	-60.7	0.0	-124.9	-124.9	5.7	11.3
WPBV227	Professional Communications	Active	BIG SPRING	TX	HOWARD	32	13	6.4	101	27	10.4	43.3	120.7	469.1750	26.9	50.9	32.7	-60.7	0.0	-144.3	-144.3	-13.7	30.7
WPBV227	Professional Communications	Active	MIDLAND	TX	MIDLAND	31	58	1.4	102	7	7.5	56.1	207	469.1750	34.9	50.9	35.0	-60.7	0.0	-146.6	-146.6	-16.0	33.0
WQOJ868	MCDONALD'S RESTAURANTS OF TEXAS	Active	LUBBOCK	TX	LUBBOCK	33	31	10	101	54	6	4.7	356.2	469.1625	2.9	51.0	13.4	-60.7	0.0	-125.2	-125.2	5.4	11.6
WQVI843	Littlefield ISD	Active	Littlefield	TX	LAMB	33	55	36.5	102	20	11.2	64.3	321.1	469.1625	40.0	51.0	36.2	-60.7	0.0	-147.9	-147.9	-17.3	34.3

TABULATION OF LAND MOBILE RECORDS AND INTERFERENCE ANALYSIS
K14PZ-D, LUBBOCK, TEXAS, CHANNEL 14 (FULL-SERVICE EMISSION MASK)

Callsign	Licensee Name	Status Code	Location City	Location State	Location County	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Distance From Center (km)	Azimuth From Center	Assigned Frequency	Distance (mi.)	FCC Full-Service Mask Req. (dB)	20°Log (Dist km) (dB)	Calc. Loss (dB)	Az. Pat. Discrim. (dB)	IX (dBm) (w/o Az. Discrim.)	Total IX (dBm)	Total IX (in dBu)	Margin above Limit
	RINGCO OILFIELD	Pending	MIDLAND	TX	MIDLAND	31	57	39.3	102	1	50.2	53.5	198.7	469.1500	33.2	51.2	34.6	-60.7	0.0	-146.5	-146.5	-15.9	32.9
WQOJ868	MCDONALD'S RESTAURANTS OF TEXAS	Active	LUBBOCK	TX	LUBBOCK	33	31	10	101	54	6	4.7	356.2	469.1375	2.9	51.3	13.4	-60.7	0.0	-125.5	-125.5	5.1	11.9
WRDS729	LUBBOCK INDEPENDENT SCHOOL DIST	Active	LUBBOCK	TX	LUBBOCK	33	34	41	101	51	13.3	11.9	20.3	469.1375	7.4	51.3	21.5	-60.7	0.0	-133.6	-133.6	-3.0	20.0
WRDJ525	Southwestern Wireless, Inc.	Active	Gardendale	TX	ECTOR	32	2	54.6	102	18	5.6	59.2	226.2	469.1375	36.8	51.3	35.4	-60.7	0.0	-147.5	-147.5	-16.9	33.9
WQOG385	Palmer Drug Abuse Program Inc	Active	Midland	TX	MIDLAND	31	59	47	102	5	15.1	51.8	205.8	469.1250	32.2	51.5	34.3	-60.7	0.0	-146.5	-146.5	-15.9	32.9
WQOJ868	MCDONALD'S RESTAURANTS OF TEXAS	Active	LUBBOCK	TX	LUBBOCK	33	31	10	101	54	6	4.7	356.2	469.1125	2.9	51.6	13.4	-60.7	0.0	-125.8	-125.8	4.8	12.2
WRDS729	LUBBOCK INDEPENDENT SCHOOL DIST	Active	LUBBOCK	TX	LUBBOCK	33	34	41	101	51	13.3	11.9	20.3	469.1125	7.4	51.6	21.5	-60.7	0.0	-133.8	-133.8	-3.2	20.2
WRJF697	Petro Communications Inc.	Active	MIDLAND	TX	MIDLAND	31	59	0	102	3	3	51.8	201.6	469.1125	32.2	51.6	34.3	-60.7	0.0	-146.6	-146.6	-16.0	33.0
WPBV227	Professional Communications	Active	BIG SPRING	TX	HOWARD	32	13	6.4	101	27	10.4	43.3	120.7	469.1000	26.9	51.7	32.7	-60.7	0.0	-145.2	-145.2	-14.6	31.6
WPBV227	Professional Communications	Active	MIDLAND	TX	MIDLAND	31	58	1.4	102	7	7.5	56.1	207	469.1000	34.9	51.7	35.0	-60.7	0.0	-147.5	-147.5	-16.9	33.9
WQOJ868	MCDONALD'S RESTAURANTS OF TEXAS	Active	LUBBOCK	TX	LUBBOCK	33	31	10	101	54	6	4.7	356.2	469.0875	2.9	51.9	13.4	-60.7	0.0	-126.1	-126.1	4.5	12.5
WRDS729	LUBBOCK INDEPENDENT SCHOOL DIST	Active	LUBBOCK	TX	LUBBOCK	33	34	41	101	51	13.3	11.9	20.3	469.0875	7.4	51.9	21.5	-60.7	0.0	-134.1	-134.1	-3.5	20.5
WQFC983	Stonegate Fellowship Church	Active	Midland	TX	MIDLAND	32	0	35	102	10	2	54.3	213.6	469.0875	33.7	51.9	34.7	-60.7	0.0	-147.3	-147.3	-16.7	33.7
WQOJ868	MCDONALD'S RESTAURANTS OF TEXAS	Active	LUBBOCK	TX	LUBBOCK	33	31	10	101	54	6	4.7	356.2	469.0625	2.9	52.2	13.4	-60.7	0.0	-126.3	-126.3	4.3	12.7
WRCA274	Keane Group, Inc.	Active	Odessa	TX	MIDLAND	31	52	54.2	102	16	31.6	71.8	214.2	469.0625	44.6	52.2	37.1	-60.7	0.0	-150.0	-150.0	-19.4	36.4
WQPK360	Petro Communications Inc.	Active	Midkiff	TX	GLASSCOCK	31	41	52	101	41	30	81.1	169.5	469.0500	50.4	52.3	38.2	-60.7	0.0	-151.2	-151.2	-20.6	37.6
WQOJ868	MCDONALD'S RESTAURANTS OF TEXAS	Active	LUBBOCK	TX	LUBBOCK	33	31	10	101	54	6	4.7	356.2	469.0375	2.9	52.5	13.4	-60.7	0.0	-126.6	-126.6	4.0	13.0
WRCA274	Keane Group, Inc.	Active	Odessa	TX	MIDLAND	31	52	54.2	102	16	31.6	71.8	214.2	469.0375	44.6	52.5	37.1	-60.7	0.0	-150.3	-150.3	-19.7	36.7
WREL909	CITY OF SEAGRAVES PUBLIC WORKS	Active	SEAGRAVES	TX	GAINES	32	56	30.4	102	33	56	88.9	311.2	469.0375	55.2	52.5	39.0	-60.7	0.0	-152.2	-152.2	-21.6	38.6
WPXF271	South Plains Communications	Active	Odonnell	TX	LYNN	32	58	17.4	101	49	37.6	61.5	1.8	469.0250	38.2	52.6	35.8	-60.7	0.0	-149.1	-149.1	-18.5	35.5
WQSL848	Self Radio, Inc.	Active	Sterling City	TX	STERLING	31	43	27	101	2	5	108.7	134.9	469.0250	67.5	52.6	40.7	-60.7	0.0	-154.1	-154.1	-23.5	40.5
WQOJ868	MCDONALD'S RESTAURANTS OF TEXAS	Active	LUBBOCK	TX	LUBBOCK	33	31	10	101	54	6	4.7	356.2	469.0125	2.9	52.8	13.4	-60.7	0.0	-126.9	-126.9	3.7	13.3
WRDS729	LUBBOCK INDEPENDENT SCHOOL DIST	Active	LUBBOCK	TX	LUBBOCK	33	34	41	101	51	13.3	11.9	20.3	469.0125	7.4	52.8	21.5	-60.7	0.0	-135.0	-135.0	-4.4	21.4
WQMJ904	South Plains Communications	Active	Gail	TX	BORDEN	32	45	37.3	101	27	32.4	52.7	43.6	468.9875	32.7	53.0	34.4	-60.7	0.0	-148.2	-148.2	-17.6	34.6
WPTK653	Professional Communications	Active	SEMINOLE	TX	GAINES	32	41	46.6	102	30	12.4	68.9	297	468.9875	42.8	53.0	36.8	-60.7	0.0	-150.5	-150.5	-19.9	36.9
WQKA634	CHAMPION TECHNOLOGIES	Active	ODESSA	TX	ECTOR	31	52	17.7	102	18	7.3	74.1	215.3	468.9875	46.0	53.0	37.4	-60.7	0.0	-151.2	-151.2	-20.6	37.6
WQOD769	ALON USA	Active	BIG SPRING	TX	HOWARD	32	16	4.3	101	24	42.2	44.3	112	468.975	27.5	53.2	32.9	-60.7	0.0	-146.8	-146.8	-16.2	33.2
WRF7890	HIGHLY PRODUCTIVE FARMS LLC	Active	SEAGRAVES	TX	GAINES	32	55	48.7	102	28	45.3	82.1	314.2	468.9750	51.0	53.2	38.3	-60.7	0.0	-152.2	-152.2	-21.6	38.6
WQDV333	Professional Communications	Active	LEVELLAND	TX	HOCKLEY	33	35	36.4	102	25	10.4	50.1	285.1	468.9625	31.1	53.3	34.0	-60.7	0.0	-148.1	-148.1	-17.5	34.5
WRDJ525	Southwestern Wireless, Inc.	Active	Gardendale	TX	ECTOR	32	2	54.6	102	18	5.6	59.2	226.2	468.9625	36.8	53.3	35.4	-60.7	0.0	-149.5	-149.5	-18.9	35.9
WQVH870	INDUSTRIAL COMMUNICATIONS INC	Active	MIDLAND	TX	MIDLAND	31	59	48.4	102	4	42.4	51.4	204.9	468.9500	31.9	53.5	34.2	-60.7	0.0	-148.4	-148.4	-17.8	34.8
WQOS330	South Plains Communications	Active	Tahoka	TX	LYNN	33	6	2.9	102	3	6.6	44.1	198.9	468.9375	27.4	53.6	32.9	-60.7	0.0	-147.2	-147.2	-16.6	33.6
WPTK654	Professional Communications	Active	MIDLAND	TX	MIDLAND	31	57	48	102	2	17	53.4	199.6	468.9375	33.2	53.6	34.6	-60.7	0.0	-148.9	-148.9	-18.3	35.3
WQOS330	South Plains Communications	Active	Tahoka	TX	LYNN	33	6	2.9	102	3	6.6	78.2	346	468.9375	48.6	53.6	37.9	-60.7	0.0	-152.2	-152.2	-21.6	38.6
WPTP374	Professional Communications	Active	BIG SPRING	TX	HOWARD	32	13	6	101	27	10	43.3	120.7	468.9125	26.9	53.9	32.7	-60.7	0.0	-147.4	-147.4	-16.8	33.8
WPEH890	FLEMING, Robert L	Active	WELLMAN	TX	TERRY	32	59	0.3	102	29	11.7	86.7	316.7	468.9000	53.9	54.1	38.8	-60.7	0.0	-153.5	-153.5	-22.9	39.9
WQDV333	Professional Communications	Active	BROWNFIELD	TX	TERRY	33	10	30	102	17	22	49.5	227.3	468.8875	30.8	54.2	33.9	-60.7	0.0	-148.8	-148.8	-18.2	35.2
WREN463	Navitas Midstream Partners, LLC	Active	Midland	TX	MIDLAND	31	51	25.2	101	47	31.6	62.4	175.2	468.8750	38.8	54.3	35.9	-60.7	0.0	-151.0	-151.0	-20.4	37.4
WQOS977	TEICHROEB, PETE S	Active	LUBBOCK	TX	LUBBOCK	33	34	11.6	101	51	16.7	11	21.5	468.8625	6.8	54.5	20.8	-60.7	0.0	-136.0	-136.0	-5.4	22.4
WPWJ632	Bear Communications, Inc.	Active	GIDDINGS	TX	LEE	32	43	22	102	1	52	38	333.3	468.8625	23.6	54.5	31.6	-60.7	0.0	-146.8	-146.8	-16.2	33.2
WQOJ868	MCDONALD'S RESTAURANTS OF TEXAS	Active	LUBBOCK	TX	LUBBOCK	33	31	10	101	54	6	4.7	356.2	468.8375	2.9	54.8	13.4	-60.7	0.0	-128.9	-128.9	1.7	15.3
WQBZ914	Professional Communications	Active	Andrews	TX	ANDREWS	32	19	23	102	28	53	60.5	260.2	468.8375	37.6	54.8	35.6	-60.7	0.0	-151.1	-151.1	-20.5	37.5
WQOH821	APACHE CORPORATION	Active	GARDEN CITY	TX	GLASSCOCK	31	55	26.8	101	31	37.3	62.5	151.1	468.8250	38.8	54.9	35.9	-60.7	0.0	-151.6	-151.6	-21.0	38.0
WQWM939	South Plains Electric Cooperative Inc	Active	Lorenzo	TX	CROSBY	33	32	7	101	30	50.3	36.3	79.6	468.8125	22.6	55.1	31.2	-60.7	0.0	-147.0	-147.0	-16.4	33.4
WQQA641	Texas Communications of San Angelo, Inc	Active	Sterling City	TX	STERLING	31	51	20	101	1	39	99.4	128.7	468.8125	61.8	55.1	39.9	-60.7	0.0	-155.7	-155.7	-25.1	42.1
KNNF366	TEXAS TECH UNIVERSITY	Active		TX	LUBBOCK	33	45	50.3	101	52	50.6	31.8	2.9	468.8000	19.8	55.2	30.0	-60.7	0.0	-146.0	-146.0	-15.4	32.4
WQOS977	TEICHROEB, PETE S	Active	LUBBOCK	TX	LUBBOCK	33	34	11.6	101	51	16.7	11	21.5	468.7875	6.8	55.3	20.8	-60.7	0.0	-136.9	-136.9	-6.3	23.3
WPTK654	Professional Communications	Active	MIDLAND	TX	MIDLAND	31	57	48	102	2	17	53.4	199.6	468.7875	33.2	55.3	34.6	-60.7	0.0	-150.6	-150.6	-20.0	37.0
WQUF294	WEST MATERIALS	Active	LUBBOCK	TX	LUBBOCK	33	36	48.3	101	53	2.6	15.2	5	468.775	9.4	55.5	23.6	-60.7	0.0	-139.8	-139.8	-9.2	26.2
WRDJ525	Southwestern Wireless, Inc.	Active	Gardendale	TX	ECTOR	32	2	54.6	102	18	5.6	59.2	226.2	468.7750	36.8	55.5	35.4	-60.7	0.0	-151.7	-151.7	-21.1	38.1

TABULATION OF LAND MOBILE RECORDS AND INTERFERENCE ANALYSIS
K14PZ-D, LUBBOCK, TEXAS, CHANNEL 14 (FULL-SERVICE EMISSION MASK)

Callsign	Licensee Name	Status Code	Location City	Location State	Location County	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Distance From Center (km)	Azimuth From Center	Assigned Frequency	Distance (mi.)	FCC Full-Service Mask Req. (dB)	20°Log (Dist km) (dB)	Calc. Loss (dB)	Az. Pat. Discrim. (dB)	IX (dBm) (w/o Az. Discrim.)	Total IX (dBm)	Total IX (in dBu)	Margin above Limit
WQOI868	MCDONALD'S RESTAURANTS OF TEXAS	Active	LUBBOCK	TX	LUBBOCK	33	31	10	101	54	6	4.7	356.2	468.7625	2.9	55.6	13.4	-60.7	0.0	-129.8	-129.8	0.8	16.2
WREN463	Navitas Midstream Partners, LLC	Active	Midland	TX	MIDLAND	31	51	25.2	101	47	31.6	62.4	175.2	468.7625	38.8	55.6	35.9	-60.7	0.0	-152.3	-152.3	-21.7	38.7
WRJX570	TAYLOR, MATT	Active	TAHOKA	TX	LYNN	33	9	32.3	101	42	8.9	39.7	152.7	468.7375	24.7	55.9	32.0	-60.7	0.0	-148.6	-148.6	-18.0	35.0
WQPK360	Petro Communications Inc.	Active	Midkiff	TX	GLASSCOCK	31	41	52	101	41	30	81.1	169.5	468.7375	50.4	55.9	38.2	-60.7	0.0	-154.8	-154.8	-24.2	41.2
WQNX377	HGA Pipeline Services LLC	Active	Midland	TX	MIDLAND	31	56	46.7	102	8	23.6	59	207.7	468.7250	36.7	56.1	35.4	-60.7	0.0	-152.2	-152.2	-21.6	38.6
WNRG853	NOLEN H COPE INC	Active	SEMINOLE	TX	GAINES	32	42	39.4	102	38	33.7	81.4	293.9	468.7250	50.6	56.1	38.2	-60.7	0.0	-155.0	-155.0	-24.4	41.4
WPYL976	LLANO LOGISTICS INC.	Active	Lubbock	TX	LUBBOCK	33	32	28	101	49	6	10.3	46.3	468.7125	6.4	56.2	20.3	-60.7	0.0	-137.2	-137.2	-6.6	23.6
WQWE671	Big Country Electric Cooperative	Active	Fluvanna	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	468.7125	53.7	56.2	38.7	-60.7	0.0	-155.7	-155.7	-25.1	42.1
WQTX723	Lamesa ISD	Active	Lamesa	TX	DAWSON	32	44	0	101	57	16.8	36.4	344.2	468.7000	22.6	56.4	31.2	-60.7	0.0	-148.3	-148.3	-17.7	34.7
WPCB863	Pioneer Natural Resources USA, Inc.	Active	MIDLAND	TX	MIDLAND	31	56	39.5	102	0	9.5	54.4	195.5	468.7000	33.8	56.4	34.7	-60.7	0.0	-151.8	-151.8	-21.2	38.2
WQCM900	Professional Communications	Active	KEY	TX	DAWSON	32	44	35	101	43	39	37.9	17.3	468.6875	23.6	56.5	31.6	-60.7	0.0	-148.8	-148.8	-18.2	35.2
WPSR744	ODESSA REGIONAL MEDICAL CENTER	Active	ODESSA	TX	ECTOR	31	50	1	102	21	2	80.2	216.2	468.6875	49.8	56.5	38.1	-60.7	0.0	-155.3	-155.3	-24.7	41.7
WQPK360	Petro Communications Inc.	Active	Midland	TX	MIDLAND	31	58	35	102	1	6	51.5	198.1	468.6750	32.0	56.6	34.2	-60.7	0.0	-151.6	-151.6	-21.0	38.0
WSW576	Darby Farm Inc	Active	SEMINOLE	TX	GAINES	32	43	5.4	102	39	56.7	83.7	293.8	468.6750	52.0	56.6	38.5	-60.7	0.0	-155.8	-155.8	-25.2	42.2
WPUD773	J P Jenkins, Inc dba South Plains Comm	Active	Fluvanna	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	468.6750	53.7	56.6	38.7	-60.7	0.0	-156.1	-156.1	-25.5	42.5
WQBGS11	Lamb County Electric Coop Inc	Active	LEVELLAND	TX	HOCKLEY	33	40	39	102	14	25	38.7	305.2	468.6625	24.0	56.8	31.8	-60.7	0.0	-149.3	-149.3	-18.7	35.7
WQDV333	Professional Communications	Active	BROWNFIELD	TX	TERRY	33	10	30	102	17	22	49.5	227.3	468.6375	30.8	57.1	33.9	-60.7	0.0	-151.7	-151.7	-21.1	38.1
WQIV943	NRG RENEWABLES-ELBOW CREEK	Active	FORSAN	TX	HOWARD	32	7	1.7	101	24	37.5	53	128.9	468.6125	32.9	57.4	34.5	-60.7	0.0	-152.6	-152.6	-22.0	39.0
WPKN990	JP JENKINS INC DBA SOUTH PLAINS CO	Active	LITTLEFIELD	TX	LAMB	33	54	8.3	102	20	13.6	62.3	319.5	468.6	38.7	57.5	35.9	-60.7	0.0	-154.1	-154.1	-23.5	40.5
WPTK653	Professional Communications	Active	SEMINOLE	TX	GAINES	32	41	46.6	102	30	12.4	68.9	297	468.5875	42.8	57.6	36.8	-60.7	0.0	-155.1	-155.1	-24.5	41.5
WQES953	Professional Communications	Active	Fluvanna	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	468.5875	53.7	57.6	38.7	-60.7	0.0	-157.1	-157.1	-26.5	43.5
WQTX723	Lamesa ISD	Active	Lamesa	TX	DAWSON	32	44	0	101	57	16.8	36.4	344.2	468.5750	22.6	57.8	31.2	-60.7	0.0	-149.7	-149.7	-19.1	36.1
WQVH870	INDUSTRIAL COMMUNICATIONS INC.	Active	MIDLAND	TX	MIDLAND	31	59	48.4	102	4	42.4	51.4	204.9	468.5625	31.9	57.9	34.2	-60.7	0.0	-152.9	-152.9	-22.3	39.3
WPBV227	Professional Communications	Active	BIG SPRING	TX	HOWARD	32	13	6.4	101	27	10.4	43.3	120.7	468.55	26.9	58.1	32.7	-60.7	0.0	-151.5	-151.5	-20.9	37.9
WPBV227	Professional Communications	Active	MIDLAND	TX	MIDLAND	31	58	1.4	102	7	7.5	56.1	207	468.5500	34.9	58.1	35.0	-60.7	0.0	-153.8	-153.8	-23.2	40.2
WQRE793	INDUSTRIAL COMMUNICATIONS INC	Active	ODESSA	TX	ECTOR	31	51	41.4	102	19	43.5	76.5	216.3	468.5375	47.5	58.2	37.7	-60.7	0.0	-156.6	-156.6	-26.0	43.0
WQDV333	Professional Communications	Active	LEVELLAND	TX	HOCKLEY	33	35	36.4	102	25	10.4	50.1	285.1	468.5125	31.1	58.5	34.0	-60.7	0.0	-153.2	-153.2	-22.6	39.6
WQMJ904	South Plains Communications	Active	Gail	TX	BORDEN	32	45	37.3	101	27	32.4	52.7	43.6	468.5125	32.7	58.5	34.4	-60.7	0.0	-153.7	-153.7	-23.1	40.1
WRDJ525	Southwestern Wireless, Inc.	Active	Gardendale	TX	ECTOR	32	2	54.6	102	18	5.6	59.2	226.2	468.5000	36.8	58.7	35.4	-60.7	0.0	-154.8	-154.8	-24.2	41.2
WPWW464	J P Jenkins Inc	Active	Fluvanna	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	468.5	53.7	58.7	38.7	-60.7	0.0	-158.1	-158.1	-27.5	44.5
WQOI868	MCDONALD'S RESTAURANTS OF TEXAS	Active	LUBBOCK	TX	LUBBOCK	33	31	10	101	54	6	4.7	356.2	468.4875	2.9	58.8	13.4	-60.7	0.0	-132.9	-132.9	-2.3	19.3
WQBZ914	Professional Communications	Active	Andrews	TX	ANDREWS	32	19	23	102	28	53	60.5	260.2	468.4875	37.6	58.8	35.6	-60.7	0.0	-155.1	-155.1	-24.5	41.5
WQWM939	South Plains Electric Cooperative Inc	Active	Lubbock	TX	LUBBOCK	33	36	53.2	101	57	19.8	16.1	340.9	468.475	10.0	58.9	24.1	-60.7	0.0	-143.8	-143.8	-13.2	30.2
WQRZ856	DCP Midstream LP	Active	Andrews	TX	ANDREWS	32	19	23	102	28	53	60.5	260.2	468.4750	37.6	58.9	35.6	-60.7	0.0	-155.3	-155.3	-24.7	41.7
WQYI795	VESTA - AMERICAN WIND TECHNOLOG	Active	GARDEN CITY	TX	GLASSCOCK	31	43	37.6	101	39	27.9	78.6	166.8	468.4625	48.8	59.1	37.9	-60.7	0.0	-157.7	-157.7	-27.1	44.1
WQAL965	PROFESSIONAL COMMUNICATIONS	Active	SEMINOLE	TX	GAINES	32	44	46.5	102	40	18	85.5	295.6	468.4625	53.1	59.1	38.6	-60.7	0.0	-158.4	-158.4	-27.8	44.8
WQVA754	EDF Renewable Services	Active	ODonnell	TX	BORDEN	32	53	40.5	101	39	22.1	55.9	18.7	468.4500	34.7	59.2	34.9	-60.7	0.0	-154.9	-154.9	-24.3	41.3
WQXQ438	Apache Corporation	Active	Andrews	TX	ANDREWS	32	18	14.5	102	36	16.2	72.3	260.1	468.45	44.9	59.2	37.2	-60.7	0.0	-157.1	-157.1	-26.5	43.5
WQQU444	Texas, State of (DPS)	Active	LUBBOCK	TX	LUBBOCK	33	35	28	101	50	58	13.4	19.7	468.4375	8.3	59.4	22.5	-60.7	0.0	-142.6	-142.6	-12.0	29.0
WQQU444	Texas, State of (DPS)	Active	LUBBOCK	TX	LUBBOCK	33	37	34	101	49	50	17.7	20.8	468.4375	11.0	59.4	25.0	-60.7	0.0	-145.0	-145.0	-14.4	31.4
WPTP374	Professional Communications	Active	BIG SPRING	TX	HOWARD	32	13	6	101	27	10	43.3	120.7	468.4375	26.9	59.4	32.7	-60.7	0.0	-152.8	-152.8	-22.2	39.2
WQFC983	Stonegate Fellowship Church	Active	Midland	TX	MIDLAND	32	0	35	102	10	2	54.3	213.6	468.4375	33.7	59.4	34.7	-60.7	0.0	-154.8	-154.8	-24.2	41.2
WNKQ428	BIG SPRING INDEPENDENT SCHOOL DI	Active	BIG SPRING	TX	HOWARD	32	13	21.4	101	27	32.4	42.5	120.5	468.4250	26.4	59.5	32.6	-60.7	0.0	-152.8	-152.8	-22.2	39.2
WNNV807	Southwestern Wireless, Inc.	Active	SEMINOLE	TX	GAINES	32	44	18	102	42	1	87.6	294.3	468.425	54.4	59.5	38.9	-60.7	0.0	-159.1	-159.1	-28.5	45.5
WPWJ632	Bear Communications, Inc.	Active	GIDDINGS	TX	LEE	32	43	22	102	1	52	38	333.3	468.4125	23.6	59.7	31.6	-60.7	0.0	-152.0	-152.0	-21.4	38.4
WQWQ203	Management & Training Corporation	Active	LITTLEFIELD	TX	LAMB	33	54	12.1	102	20	38.6	62.8	319.1	468.4125	39.0	59.7	36.0	-60.7	0.0	-156.3	-156.3	-25.7	42.7
WPML570	SPEIGHT, CARL SPEIGHT, JOHN SPEIGH	Active	MIDLAND	TX	MIDLAND	31	54	32	102	4	2	60	200.1	468.4000	37.3	59.8	35.6	-60.7	0.0	-156.1	-156.1	-25.5	42.5
WQSW227	SUNSET GOLF & COUNTRY CLUB LLC	Active	ODESSA	TX	ECTOR	31	56	41.7	102	24	19.7	74.2	225.1	468.3875	46.1	59.9	37.4	-60.7	0.0	-158.1	-158.1	-27.5	44.5
WPWM831	J P Jenkins Inc	Active	Fluvanna	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	468.3750	53.7	60.1	38.7	-60.7	0.0	-159.5	-159.5	-28.9	45.9
WNMI488	Southwestern Wireless, Inc.	Active	SEMINOLE	TX	GAINES	32	44	18.4	102	42	5.7	87.7	294.3	468.3750	54.5	60.1	38.9	-60.7	0.0	-159.7	-159.7	-29.1	46.1

TABULATION OF LAND MOBILE RECORDS AND INTERFERENCE ANALYSIS
K14PZ-D, LUBBOCK, TEXAS, CHANNEL 14 (FULL-SERVICE EMISSION MASK)

Callsign	Licensee Name	Status Code	Location City	Location State	Location County	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Distance From Center (km)	Azimuth From Center	Assigned Frequency	Distance (mi.)	FCC Full-Service Mask Req. (dB)	20*Log (Dist km) (dB)	Calc. Loss (dB)	Az. Pat. Discrim. (dB)	IX (dBm) (w/o Az. Discrim.)	Total IX (dBm)	Total IX (in dBu)	Margin above Limit
WQQA641	Texas Communications of San Angelo,	Active	Sterling City	TX	STERLING	31	51	20	101	1	39	99.4	128.7	468.3625	61.8	60.2	39.9	-60.7	0.0	-160.9	-160.9	-30.3	47.3
WRHS422	WHITETAIL GENERAL CONSTRUCTORS	Active	MIDLAND	TX	MIDLAND	32	1	25.9	101	57	52.7	45	194.1	468.3500	28.0	60.4	33.1	-60.7	0.0	-154.2	-154.2	-23.6	40.6
WPKN991	JP JENKINS INC DBA SOUTH PLAINS CC	Active	LUBBOCK	TX	LUBBOCK	33	34	0.3	101	57	56.6	11.7	327.9	468.3250	7.3	60.7	21.4	-60.7	0.0	-142.7	-142.7	-12.1	29.1
WNQO936	NOLEN H COPE INC DBA COPE SAND &	Active	LAMESA	TX	DAWSON	32	42	52.4	101	56	32.6	34.1	345.1	468.325	21.2	60.7	30.7	-60.7	0.0	-152.0	-152.0	-21.4	38.4
WQOV975	Glass White River Ranches LLC	Active	Sterling City	TX	STERLING	31	48	39.8	101	15	31	87.3	140.4	468.3250	54.2	60.7	38.8	-60.7	0.0	-160.2	-160.2	-29.6	46.6
WQZK230	QEP ENERGY	Active	MARTIN	TX	MARTIN	32	22	5.9	101	55	53.9	9.6	235.2	468.3125	6.0	60.8	19.6	-60.7	0.0	-141.2	-141.2	-10.6	27.6
WPJM209	LUBBOCK COOPER ISD	Active	LUBBOCK	TX	LUBBOCK	33	29	5	101	53	26	1.1	41.3	468.3000	0.7	60.9	0.8	-60.7	0.0	-122.5	-122.5	8.1	8.9
WPKN991	JP JENKINS INC DBA SOUTH PLAINS CC	Active	LUBBOCK	TX	LUBBOCK	33	34	0.3	101	57	56.6	11.7	327.9	468.3000	7.3	60.9	21.4	-60.7	0.0	-143.0	-143.0	-12.4	29.4
WQOD769	ALON USA	Active	BIG SPRING	TX	HOWARD	32	16	4.3	101	24	42.2	44.3	112	468.3000	27.5	60.9	32.9	-60.7	0.0	-154.6	-154.6	-24.0	41.0
WRDJ525	Southwestern Wireless, Inc.	Active	Gardendale	TX	ECTOR	32	2	54.6	102	18	5.6	59.2	226.2	468.3000	36.8	60.9	35.4	-60.7	0.0	-157.1	-157.1	-26.5	43.5
WQES953	Professional Communications	Active	Fluvanna	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	468.2875	53.7	61.1	38.7	-60.7	0.0	-160.5	-160.5	-29.9	46.9
WPML570	SPEIGHT, CARL; SPEIGHT, JOHN; SPEIGH	Active	BIG SPRING	TX	HOWARD	32	11	6.4	101	27	57.4	44.3	125.6	468.2750	27.5	61.2	32.9	-60.7	0.0	-154.9	-154.9	-24.3	41.3
WQCM900	Professional Communications	Active	KEY	TX	DAWSON	32	44	35	101	43	39	37.9	17.3	468.2625	23.6	61.4	31.6	-60.7	0.0	-153.7	-153.7	-23.1	40.1
WPTP374	Professional Communications	Active	BIG SPRING	TX	HOWARD	32	13	6	101	27	10	43.3	120.7	468.2375	26.9	61.7	32.7	-60.7	0.0	-155.1	-155.1	-24.5	41.5
WQDV333	Professional Communications	Active	LEVELLAND	TX	HOCKLEY	33	35	36.4	102	25	10.4	50.1	285.1	468.2375	31.1	61.7	34.0	-60.7	0.0	-156.4	-156.4	-25.8	42.8
WNKK206	RANDOLPH, BOB	Active	ODESSA	TX	MIDLAND	31	55	3.4	102	16	52.5	68.8	216.4	468.2250	42.8	61.8	36.8	-60.7	0.0	-159.3	-159.3	-28.7	45.7
WPUE356	SOUTH-WEST AIRLINES	Active	Lubbock	TX	LUBBOCK	33	40	0.3	101	50	1.6	21.8	15.8	468.2125	13.5	62.0	26.8	-60.7	0.0	-149.4	-149.4	-18.8	35.8
WQPK360	Petro Communications Inc.	Active	Midland	TX	MIDLAND	31	58	35	102	1	6	51.5	198.1	468.2125	32.0	62.0	34.2	-60.7	0.0	-156.9	-156.9	-26.3	43.3
WRMK307	Tanner Heffington Farms	Active	Littfield	TX	LAMB	33	51	16.3	102	17	59.3	56	318.6	468.2125	34.8	62.0	35.0	-60.7	0.0	-157.6	-157.6	-27.0	44.0
WPUE723	SOUTH-WEST AIRLINES	Active	MIDLAND	TX	MIDLAND	31	58	0.4	102	12	1.5	60	213.6	468.2125	37.3	62.0	35.6	-60.7	0.0	-158.2	-158.2	-27.6	44.6
WQZE665	Siemens Gamesa Renewable Energy, Inc	Active	FLUVANNA	TX	SCURRY	32	53	23	101	8	44	84.2	51.2	468.2125	52.3	62.0	38.5	-60.7	0.0	-161.2	-161.2	-30.6	47.6
WQPV270	LUBBOCK HEART HOSPITAL, LP	Active	LUBBOCK	TX	LUBBOCK	33	35	29.3	101	53	13.6	12.7	4.7	468.175	7.9	62.4	22.1	-60.7	0.0	-145.2	-145.2	-14.6	31.6
KIG619	UNIVERSITY MEDICAL CENTER	Active	LUBBOCK	TX	LUBBOCK	33	35	29.3	101	53	13.6	12.7	4.7	468.1750	7.9	62.4	22.1	-60.7	0.0	-145.2	-145.2	-14.6	31.6
WGM298	South Plains Emergency Medical Service	Active	TAHOKA	TX	LYNN	33	10	0.3	101	48	48.6	35.3	167.1	468.175	21.9	62.4	31.0	-60.7	0.0	-154.1	-154.1	-23.5	40.5
WPUD427	South Plains Emergency Medical Service	Active	LAMESA	TX	DAWSON	32	43	22	102	1	52	38	333.3	468.1750	23.6	62.4	31.6	-60.7	0.0	-154.7	-154.7	-24.1	41.1
WQBH312	DAWSON, COUNTY OF	Active	LAMESA	TX	DAWSON	32	45	48.4	101	56	37.6	39.4	346.9	468.1750	24.5	62.4	31.9	-60.7	0.0	-155.0	-155.0	-24.4	41.4
WGM297	South Plains Emergency Medical Service	Active	LEVELLAND	TX	HOCKLEY	33	34	23.3	102	22	6.7	45	283.9	468.1750	28.0	62.4	33.1	-60.7	0.0	-156.2	-156.2	-25.6	42.6
WGM287	South Plains Emergency Medical Service	Active	POST	TX	GARZA	33	11	13.3	101	23	8.5	57.6	124	468.1750	35.8	62.4	35.2	-60.7	0.0	-158.3	-158.3	-27.7	44.7
WGM294	South Plains Emergency Medical Service	Active	LITTLEFIELD	TX	LAMB	33	54	55.3	102	20	6.6	63.2	320.4	468.1750	39.3	62.4	36.0	-60.7	0.0	-159.1	-159.1	-28.5	45.5
WPUD427	South Plains Emergency Medical Service	Active	SEMINOLE	TX	GAINES	32	42	30	102	37	46	80.2	294.1	468.1750	49.8	62.4	38.1	-60.7	0.0	-161.2	-161.2	-30.6	47.6
WQEU609	SOUTH PLAINS EMERGENCY MEDICAL	Active	FLUVANNA	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	468.1750	53.7	62.4	38.7	-60.7	0.0	-161.8	-161.8	-31.2	48.2
KIG619	UNIVERSITY MEDICAL CENTER	Active	LUBBOCK	TX	LUBBOCK	33	35	29.3	101	53	13.6	12.7	4.7	468.1500	7.9	62.7	22.1	-60.7	0.0	-145.5	-145.5	-14.9	31.9
WGM298	South Plains Emergency Medical Service	Active	TAHOKA	TX	LYNN	33	10	0.3	101	48	48.6	35.3	167.1	468.15	21.9	62.7	31.0	-60.7	0.0	-154.3	-154.3	-23.7	40.7
WPUD427	South Plains Emergency Medical Service	Active	LAMESA	TX	DAWSON	32	43	22	102	1	52	38	333.3	468.1500	23.6	62.7	31.6	-60.7	0.0	-155.0	-155.0	-24.4	41.4
WQBH312	DAWSON, COUNTY OF	Active	LAMESA	TX	DAWSON	32	45	48.4	101	56	37.6	39.4	346.9	468.1500	24.5	62.7	31.9	-60.7	0.0	-155.3	-155.3	-24.7	41.7
WGM297	South Plains Emergency Medical Service	Active	LEVELLAND	TX	HOCKLEY	33	34	23.3	102	22	6.7	45	283.9	468.1500	28.0	62.7	33.1	-60.7	0.0	-156.4	-156.4	-25.8	42.8
WGM287	South Plains Emergency Medical Service	Active	POST	TX	GARZA	33	11	13.3	101	23	8.5	57.6	124	468.15	35.8	62.7	35.2	-60.7	0.0	-158.6	-158.6	-28.0	45.0
WGM294	South Plains Emergency Medical Service	Active	LITTLEFIELD	TX	LAMB	33	54	55.3	102	20	6.6	63.2	320.4	468.1500	39.3	62.7	36.0	-60.7	0.0	-159.4	-159.4	-28.8	45.8
WPUD427	South Plains Emergency Medical Service	Active	SEMINOLE	TX	GAINES	32	42	30	102	37	46	80.2	294.1	468.1500	49.8	62.7	38.1	-60.7	0.0	-161.5	-161.5	-30.9	47.9
WQEU609	SOUTH PLAINS EMERGENCY MEDICAL	Active	FLUVANNA	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	468.15	53.7	62.7	38.7	-60.7	0.0	-162.1	-162.1	-31.5	48.5
KIG619	UNIVERSITY MEDICAL CENTER	Active	LUBBOCK	TX	LUBBOCK	33	35	29.3	101	53	13.6	12.7	4.7	468.1250	7.9	63.0	22.1	-60.7	0.0	-145.7	-145.7	-15.1	32.1
WGM298	South Plains Emergency Medical Service	Active	TAHOKA	TX	LYNN	33	10	0.3	101	48	48.6	35.3	167.1	468.1250	21.9	63.0	31.0	-60.7	0.0	-154.6	-154.6	-24.0	41.0
WPUD427	South Plains Emergency Medical Service	Active	LAMESA	TX	DAWSON	32	43	22	102	1	52	38	333.3	468.1250	23.6	63.0	31.6	-60.7	0.0	-155.3	-155.3	-24.7	41.7
WQBH312	DAWSON, COUNTY OF	Active	LAMESA	TX	DAWSON	32	45	48.4	101	56	37.6	39.4	346.9	468.125	24.5	63.0	31.9	-60.7	0.0	-155.6	-155.6	-25.0	42.0
WGM297	South Plains Emergency Medical Service	Active	LEVELLAND	TX	HOCKLEY	33	34	23.3	102	22	6.7	45	283.9	468.1250	28.0	63.0	33.1	-60.7	0.0	-156.7	-156.7	-26.1	43.1
WGM287	South Plains Emergency Medical Service	Active	POST	TX	GARZA	33	11	13.3	101	23	8.5	57.6	124	468.1250	35.8	63.0	35.2	-60.7	0.0	-158.9	-158.9	-28.3	45.3
WGM294	South Plains Emergency Medical Service	Active	LITTLEFIELD	TX	LAMB	33	54	55.3	102	20	6.6	63.2	320.4	468.125	39.3	63.0	36.0	-60.7	0.0	-159.7	-159.7	-29.1	46.1
WPUD427	South Plains Emergency Medical Service	Active	SEMINOLE	TX	GAINES	32	42	30	102	37	46	80.2	294.1	468.1250	49.8	63.0	38.1	-60.7	0.0	-161.8	-161.8	-31.2	48.2
WQEU609	SOUTH PLAINS EMERGENCY MEDICAL	Active	FLUVANNA	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	468.125	53.7	63.0	38.7	-60.7	0.0	-162.4	-162.4	-31.8	48.8
KIG619	UNIVERSITY MEDICAL CENTER	Active	LUBBOCK	TX	LUBBOCK	33	35	29.3	101	53	13.6	12.7	4.7	468.1000	7.9	63.2	22.1	-60.7	0.0	-146.0	-146.0	-15.4	32.4

TABULATION OF LAND MOBILE RECORDS AND INTERFERENCE ANALYSIS
K14PZ-D, LUBBOCK, TEXAS, CHANNEL 14 (FULL-SERVICE EMISSION MASK)

Callsign	Licensee Name	Status Code	Location City	Location State	Location County	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Distance From Center (km)	Azimuth From Center	Assigned Frequency	Distance (mi.)	FCC Full-Service Mask Req. (dB)	20°Log (Dist km) (dB)	Calc. Loss (dB)	Az. Pat. Discrim. (dB)	IX (dBm) (w/o Az. Discrim.)	Total IX (dBm)	Total IX (in dBu)	Margin above Limit
WGM298	South Plains Emergency Medical Service	Active	TAHOKA	TX	LYNN	33	10	0.3	101	48	48.6	35.3	167.1	468.1000	21.9	63.2	31.0	-60.7	0.0	-154.9	-154.9	-24.3	41.3
WPUD427	South Plains Emergency Medical Service	Active	LAMESA	TX	DAWSON	32	43	22	102	1	52	38	333.3	468.1000	23.6	63.2	31.6	-60.7	0.0	-155.6	-155.6	-25.0	42.0
WQBH312	DAWSON, COUNTY OF	Active	LAMESA	TX	DAWSON	32	45	48.4	101	56	37.6	39.4	346.9	468.1000	24.5	63.2	31.9	-60.7	0.0	-155.9	-155.9	-25.3	42.3
WGM297	South Plains Emergency Medical Service	Active	LEVELLAND	TX	HOCKLEY	33	34	23.3	102	22	6.7	45	283.9	468.1	28.0	63.2	33.1	-60.7	0.0	-157.0	-157.0	-26.4	43.4
WGM287	South Plains Emergency Medical Service	Active	POST	TX	GARZA	33	11	13.3	101	23	8.5	57.6	124	468.1	35.8	63.2	35.2	-60.7	0.0	-159.2	-159.2	-28.6	45.6
WGM294	South Plains Emergency Medical Service	Active	LITTLEFIELD	TX	LAMB	33	54	55.3	102	20	6.6	63.2	320.4	468.1000	39.3	63.2	36.0	-60.7	0.0	-160.0	-160.0	-29.4	46.4
WPUD427	South Plains Emergency Medical Service	Active	SEMINOLE	TX	GAINES	32	42	30	102	37	46	80.2	294.1	468.1	49.8	63.2	38.1	-60.7	0.0	-162.0	-162.0	-31.4	48.4
WQEU609	SOUTH PLAINS EMERGENCY MEDICAL	Active	FLUVANNA	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	468.1000	53.7	63.2	38.7	-60.7	0.0	-162.7	-162.7	-32.1	49.1
KIG619	UNIVERSITY MEDICAL CENTER	Active	LUBBOCK	TX	LUBBOCK	33	35	29.3	101	53	13.6	12.7	4.7	468.075	7.9	63.5	22.1	-60.7	0.0	-146.3	-146.3	-15.7	32.7
WGM298	South Plains Emergency Medical Service	Active	TAHOKA	TX	LYNN	33	10	0.3	101	48	48.6	35.3	167.1	468.0750	21.9	63.5	31.0	-60.7	0.0	-155.2	-155.2	-24.6	41.6
WPUD427	South Plains Emergency Medical Service	Active	LAMESA	TX	DAWSON	32	43	22	102	1	52	38	333.3	468.0750	23.6	63.5	31.6	-60.7	0.0	-155.8	-155.8	-25.2	42.2
WQBH312	DAWSON, COUNTY OF	Active	LAMESA	TX	DAWSON	32	45	48.4	101	56	37.6	39.4	346.9	468.0750	24.5	63.5	31.9	-60.7	0.0	-156.2	-156.2	-25.6	42.6
WGM297	South Plains Emergency Medical Service	Active	LEVELLAND	TX	HOCKLEY	33	34	23.3	102	22	6.7	45	283.9	468.0750	28.0	63.5	33.1	-60.7	0.0	-157.3	-157.3	-26.7	43.7
WGM287	South Plains Emergency Medical Service	Active	POST	TX	GARZA	33	11	13.3	101	23	8.5	57.6	124	468.075	35.8	63.5	35.2	-60.7	0.0	-159.5	-159.5	-28.9	45.9
WGM294	South Plains Emergency Medical Service	Active	LITTLEFIELD	TX	LAMB	33	54	55.3	102	20	6.6	63.2	320.4	468.0750	39.3	63.5	36.0	-60.7	0.0	-160.3	-160.3	-29.7	46.7
WPUD427	South Plains Emergency Medical Service	Active	SEMINOLE	TX	GAINES	32	42	30	102	37	46	80.2	294.1	468.075	49.8	63.5	38.1	-60.7	0.0	-162.3	-162.3	-31.7	48.7
WQEU609	SOUTH PLAINS EMERGENCY MEDICAL	Active	FLUVANNA	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	468.0750	53.7	63.5	38.7	-60.7	0.0	-163.0	-163.0	-32.4	49.4
KIG619	UNIVERSITY MEDICAL CENTER	Active	LUBBOCK	TX	LUBBOCK	33	35	29.3	101	53	13.6	12.7	4.7	468.0500	7.9	63.8	22.1	-60.7	0.0	-146.6	-146.6	-16.0	33.0
WGM298	South Plains Emergency Medical Service	Active	TAHOKA	TX	LYNN	33	10	0.3	101	48	48.6	35.3	167.1	468.0500	21.9	63.8	31.0	-60.7	0.0	-155.5	-155.5	-24.9	41.9
WPUD427	South Plains Emergency Medical Service	Active	LAMESA	TX	DAWSON	32	43	22	102	1	52	38	333.3	468.0500	23.6	63.8	31.6	-60.7	0.0	-156.1	-156.1	-25.5	42.5
WQBH312	DAWSON, COUNTY OF	Active	LAMESA	TX	DAWSON	32	45	48.4	101	56	37.6	39.4	346.9	468.0500	24.5	63.8	31.9	-60.7	0.0	-156.4	-156.4	-25.8	42.8
WGM297	South Plains Emergency Medical Service	Active	LEVELLAND	TX	HOCKLEY	33	34	23.3	102	22	6.7	45	283.9	468.05	28.0	63.8	33.1	-60.7	0.0	-157.6	-157.6	-27.0	44.0
WGM287	South Plains Emergency Medical Service	Active	POST	TX	GARZA	33	11	13.3	101	23	8.5	57.6	124	468.0500	35.8	63.8	35.2	-60.7	0.0	-159.7	-159.7	-29.1	46.1
WGM294	South Plains Emergency Medical Service	Active	LITTLEFIELD	TX	LAMB	33	54	55.3	102	20	6.6	63.2	320.4	468.0500	39.3	63.8	36.0	-60.7	0.0	-160.5	-160.5	-29.9	46.9
WPUD427	South Plains Emergency Medical Service	Active	SEMINOLE	TX	GAINES	32	42	30	102	37	46	80.2	294.1	468.0500	49.8	63.8	38.1	-60.7	0.0	-162.6	-162.6	-32.0	49.0
WQEU609	SOUTH PLAINS EMERGENCY MEDICAL	Active	FLUVANNA	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	468.0500	53.7	63.8	38.7	-60.7	0.0	-163.3	-163.3	-32.7	49.7
KIG619	UNIVERSITY MEDICAL CENTER	Active	LUBBOCK	TX	LUBBOCK	33	35	29.3	101	53	13.6	12.7	4.7	468.0250	7.9	64.1	22.1	-60.7	0.0	-146.9	-146.9	-16.3	33.3
WGM298	South Plains Emergency Medical Service	Active	TAHOKA	TX	LYNN	33	10	0.3	101	48	48.6	35.3	167.1	468.025	21.9	64.1	31.0	-60.7	0.0	-155.8	-155.8	-25.2	42.2
WPUD427	South Plains Emergency Medical Service	Active	LAMESA	TX	DAWSON	32	43	22	102	1	52	38	333.3	468.0250	23.6	64.1	31.6	-60.7	0.0	-156.4	-156.4	-25.8	42.8
WQBH312	DAWSON, COUNTY OF	Active	LAMESA	TX	DAWSON	32	45	48.4	101	56	37.6	39.4	346.9	468.0250	24.5	64.1	31.9	-60.7	0.0	-156.7	-156.7	-26.1	43.1
WGM297	South Plains Emergency Medical Service	Active	LEVELLAND	TX	HOCKLEY	33	34	23.3	102	22	6.7	45	283.9	468.025	28.0	64.1	33.1	-60.7	0.0	-157.9	-157.9	-27.3	44.3
WGM287	South Plains Emergency Medical Service	Active	POST	TX	GARZA	33	11	13.3	101	23	8.5	57.6	124	468.0250	35.8	64.1	35.2	-60.7	0.0	-160.0	-160.0	-29.4	46.4
WGM294	South Plains Emergency Medical Service	Active	LITTLEFIELD	TX	LAMB	33	54	55.3	102	20	6.6	63.2	320.4	468.025	39.3	64.1	36.0	-60.7	0.0	-160.8	-160.8	-30.2	47.2
WPUD427	South Plains Emergency Medical Service	Active	SEMINOLE	TX	GAINES	32	42	30	102	37	46	80.2	294.1	468.0250	49.8	64.1	38.1	-60.7	0.0	-162.9	-162.9	-32.3	49.3
WQEU609	SOUTH PLAINS EMERGENCY MEDICAL	Active	FLUVANNA	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	468.0250	53.7	64.1	38.7	-60.7	0.0	-163.5	-163.5	-32.9	49.9
KIG619	UNIVERSITY MEDICAL CENTER	Active	LUBBOCK	TX	LUBBOCK	33	35	29.3	101	53	13.6	12.7	4.7	468.0000	7.9	64.4	22.1	-60.7	0.0	-147.2	-147.2	-16.6	33.6
WGM298	South Plains Emergency Medical Service	Active	TAHOKA	TX	LYNN	33	10	0.3	101	48	48.6	35.3	167.1	468.0000	21.9	64.4	31.0	-60.7	0.0	-156.1	-156.1	-25.5	42.5
WPUD427	South Plains Emergency Medical Service	Active	LAMESA	TX	DAWSON	32	43	22	102	1	52	38	333.3	468.0000	23.6	64.4	31.6	-60.7	0.0	-156.7	-156.7	-26.1	43.1
WQBH312	DAWSON, COUNTY OF	Active	LAMESA	TX	DAWSON	32	45	48.4	101	56	37.6	39.4	346.9	468	24.5	64.4	31.9	-60.7	0.0	-157.0	-157.0	-26.4	43.4
WGM297	South Plains Emergency Medical Service	Active	LEVELLAND	TX	HOCKLEY	33	34	23.3	102	22	6.7	45	283.9	468	28.0	64.4	33.1	-60.7	0.0	-158.2	-158.2	-27.6	44.6
WGM287	South Plains Emergency Medical Service	Active	POST	TX	GARZA	33	11	13.3	101	23	8.5	57.6	124	468.0000	35.8	64.4	35.2	-60.7	0.0	-160.3	-160.3	-29.7	46.7
WGM294	South Plains Emergency Medical Service	Active	LITTLEFIELD	TX	LAMB	33	54	55.3	102	20	6.6	63.2	320.4	468.0000	39.3	64.4	36.0	-60.7	0.0	-161.1	-161.1	-30.5	47.5
WPUD427	South Plains Emergency Medical Service	Active	SEMINOLE	TX	GAINES	32	42	30	102	37	46	80.2	294.1	468.0000	49.8	64.4	38.1	-60.7	0.0	-163.2	-163.2	-32.6	49.6
WQEU609	SOUTH PLAINS EMERGENCY MEDICAL	Active	FLUVANNA	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	468.0000	53.7	64.4	38.7	-60.7	0.0	-163.8	-163.8	-33.2	50.2
KIG619	UNIVERSITY MEDICAL CENTER	Active	LUBBOCK	TX	LUBBOCK	33	35	29.3	101	53	13.6	12.7	4.7	467.975	7.9	64.7	22.1	-60.7	0.0	-147.5	-147.5	-16.9	33.9
WPUD427	South Plains Emergency Medical Service	Active	LAMESA	TX	DAWSON	32	43	22	102	1	52	38	333.3	467.9750	23.6	64.7	31.6	-60.7	0.0	-157.0	-157.0	-26.4	43.4
WQBH312	DAWSON, COUNTY OF	Active	LAMESA	TX	DAWSON	32	45	48.4	101	56	37.6	39.4	346.9	467.9750	24.5	64.7	31.9	-60.7	0.0	-157.3	-157.3	-26.7	43.7
WPUD427	South Plains Emergency Medical Service	Active	SEMINOLE	TX	GAINES	32	42	30	102	37	46	80.2	294.1	467.9750	49.8	64.7	38.1	-60.7	0.0	-163.5	-163.5	-32.9	49.9
WQEU609	SOUTH PLAINS EMERGENCY MEDICAL	Active	FLUVANNA	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	467.9750	53.7	64.7	38.7	-60.7	0.0	-164.1	-164.1	-33.5	50.5
KIG619	UNIVERSITY MEDICAL CENTER	Active	LUBBOCK	TX	LUBBOCK	33	35	29.3	101	53	13.6	12.7	4.7	467.9500	7.9	65.0	22.1	-60.7	0.0	-147.8	-147.8	-17.2	34.2

TABULATION OF LAND MOBILE RECORDS AND INTERFERENCE ANALYSIS
K14PZ-D, LUBBOCK, TEXAS, CHANNEL 14 (FULL-SERVICE EMISSION MASK)

Callsign	Licensee Name	Status Code	Location City	Location State	Location County	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Distance From Center (km)	Azimuth From Center	Assigned Frequency	Distance (mi.)	FCC Full-Service Mask Req. (dB)	20*Log (Dist km) (dB)	Calc. Loss (dB)	Az. Pat. Discrim. (dB)	IX (dBm) (w/o Az. Discrim.)	Total IX (dBm)	Total IX (in dBu)	Margin above Limit
WPUD427	South Plains Emergency Medical Service	Active	LAMESA	TX	DAWSON	32	43	22	102	1	52	38	333.3	467.95	23.6	65.0	31.6	-60.7	0.0	-157.3	-157.3	-26.7	43.7
WQBH312	DAWSON, COUNTY OF	Active	LAMESA	TX	DAWSON	32	45	48.4	101	56	37.6	39.4	346.9	467.95	24.5	65.0	31.9	-60.7	0.0	-157.6	-157.6	-27.0	44.0
WPUD427	South Plains Emergency Medical Service	Active	SEMINOLE	TX	GAINES	32	42	30	102	37	46	80.2	294.1	467.9500	49.8	65.0	38.1	-60.7	0.0	-163.8	-163.8	-33.2	50.2
WQEU609	SOUTH PLAINS EMERGENCY MEDICAL	Active	FLUVANNA	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	467.9500	53.7	65.0	38.7	-60.7	0.0	-164.4	-164.4	-33.8	50.8
WQHE538	HOME DEPOT U.S.A., INC.	Active	Midland	TX	MIDLAND	32	1	25	102	8	39	51.8	212.5	467.9000	32.2	65.6	34.3	-60.7	0.0	-160.5	-160.5	-29.9	46.9
WQHE538	HOME DEPOT U.S.A., INC.	Active	Odessa	TX	ECTOR	31	53	43	102	19	29	73.3	217.8	467.9000	45.5	65.6	37.3	-60.7	0.0	-163.6	-163.6	-33.0	50.0
WRBN885	FIRST BAPTIST CHURCH OF MIDLAND	Pending	MIDLAND	TX	MIDLAND	32	0	1	102	6	1	52	207.2	467.8875	32.3	65.7	34.3	-60.7	0.0	-160.7	-160.7	-30.1	47.1
WQHE538	HOME DEPOT U.S.A., INC.	Active	Midland	TX	MIDLAND	32	1	25	102	8	39	51.8	212.5	467.8750	32.2	65.8	34.3	-60.7	0.0	-160.8	-160.8	-30.2	47.2
WQHE538	HOME DEPOT U.S.A., INC.	Active	Odessa	TX	ECTOR	31	53	43	102	19	29	73.3	217.8	467.8750	45.5	65.8	37.3	-60.7	0.0	-163.8	-163.8	-33.2	50.2
WQTN469	NEXEO SOLUTIONS LLC	Active	MIDLAND	TX	MIDLAND	31	59	5.5	101	54	29	48.3	186.7	467.8500	30.0	66.1	33.7	-60.7	0.0	-160.5	-160.5	-29.9	46.9
WQHE538	HOME DEPOT U.S.A., INC.	Active	Midland	TX	MIDLAND	32	1	25	102	8	39	51.8	212.5	467.8500	32.2	66.1	34.3	-60.7	0.0	-161.1	-161.1	-30.5	47.5
WQHE538	HOME DEPOT U.S.A., INC.	Active	Odessa	TX	ECTOR	31	53	43	102	19	29	73.3	217.8	467.8500	45.5	66.1	37.3	-60.7	0.0	-164.1	-164.1	-33.5	50.5
WQHE538	HOME DEPOT U.S.A., INC.	Active	Midland	TX	MIDLAND	32	1	25	102	8	39	51.8	212.5	467.8375	32.2	66.3	34.3	-60.7	0.0	-161.3	-161.3	-30.7	47.7
WQHE538	HOME DEPOT U.S.A., INC.	Active	Odessa	TX	ECTOR	31	53	43	102	19	29	73.3	217.8	467.8375	45.5	66.3	37.3	-60.7	0.0	-164.3	-164.3	-33.7	50.7
WRBN885	FIRST BAPTIST CHURCH OF MIDLAND	Pending	MIDLAND	TX	MIDLAND	32	0	1	102	6	1	52	207.2	467.8125	32.3	66.6	34.3	-60.7	0.0	-161.6	-161.6	-31.0	48.0
WRBN885	FIRST BAPTIST CHURCH OF MIDLAND	Pending	MIDLAND	TX	MIDLAND	32	0	1	102	6	1	52	207.2	467.7875	32.3	66.8	34.3	-60.7	0.0	-161.9	-161.9	-31.3	48.3
KB93836	XTO Energy, Inc.	Active		TX	DAWSON	32	33	20.4	102	1	11.6	22.3	313.7	467.7625	13.9	67.1	27.0	-60.7	0.0	-154.8	-154.8	-24.2	41.2
WQHE538	HOME DEPOT U.S.A., INC.	Active	Midland	TX	MIDLAND	32	1	25	102	8	39	51.8	212.5	467.7625	32.2	67.1	34.3	-60.7	0.0	-162.1	-162.1	-31.5	48.5
WRBN885	FIRST BAPTIST CHURCH OF MIDLAND	Pending	MIDLAND	TX	MIDLAND	32	0	1	102	6	1	52	207.2	467.7625	32.3	67.1	34.3	-60.7	0.0	-162.2	-162.2	-31.6	48.6
KB93836	XTO Energy, Inc.	Active		TX	GLASSCOCK	31	51	50.5	101	29	1.4	70.3	150.8	467.7625	43.7	67.1	36.9	-60.7	0.0	-164.8	-164.8	-34.2	51.2
WQHE538	HOME DEPOT U.S.A., INC.	Active	Odessa	TX	ECTOR	31	53	43	102	19	29	73.3	217.8	467.7625	45.5	67.1	37.3	-60.7	0.0	-165.1	-165.1	-34.5	51.5
KB93836	XTO Energy, Inc.	Active		TX	GAINES	32	44	47.4	102	40	11.7	85.4	295.6	467.7625	53.1	67.1	38.6	-60.7	0.0	-166.5	-166.5	-35.9	52.9
WPJ8K06	Occidental Petroleum Corporation	Active		TX	HOCKLEY	33	34	2.3	102	23	13.7	46.5	282.6	467.75	28.9	67.3	33.3	-60.7	0.0	-161.3	-161.3	-30.7	47.7
WQVX514	Purina Animal Nutrition, LLC	Active	Lubbock	TX	LUBBOCK	33	36	31.9	101	49	58.7	15.8	22.5	467.5250	9.8	69.9	24.0	-60.7	0.0	-154.5	-154.5	-23.9	40.9
WQQJ285	Brenntag Southwest	Active	Odessa	TX	ECTOR	31	54	25.6	102	23	24.7	76.3	222.1	467.5125	47.4	70.0	37.7	-60.7	0.0	-168.4	-168.4	-37.8	54.8
WQKA634	CHAMPION TECHNOLOGIES	Active	ODESSA	TX	ECTOR	31	52	17.7	102	18	7.3	74.1	215.3	467.5000	46.0	70.2	37.4	-60.7	0.0	-168.2	-168.2	-37.6	54.6
WQAL965	PROFESSIONAL COMMUNICATIONS	Active	SEMINOLE	TX	GAINES	32	44	46.5	102	40	18	85.5	295.6	467.5000	53.1	70.2	38.6	-60.7	0.0	-169.5	-169.5	-38.9	55.9
WRBN885	FIRST BAPTIST CHURCH OF MIDLAND	Active	MIDLAND	TX	MIDLAND	32	0	0.7	102	6	0.9	52	207.2	467.4875	32.3	70.3	34.3	-60.7	0.0	-165.3	-165.3	-34.7	51.7
WRBN885	FIRST BAPTIST CHURCH OF MIDLAND	Pending	MIDLAND	TX	MIDLAND	32	0	1	102	6	1	52	207.2	467.4875	32.3	70.3	34.3	-60.7	0.0	-165.3	-165.3	-34.7	51.7
WNVJ335	Plains Marketing, L.P.	Active		TX	HOWARD	32	17	22.4	101	12	34.4	61.8	103.2	467.4875	38.4	70.3	35.8	-60.7	0.0	-166.8	-166.8	-36.2	53.2
WQQJ285	Brenntag Southwest	Active	Odessa	TX	ECTOR	31	54	25.6	102	23	24.7	76.3	222.1	467.4875	47.4	70.3	37.7	-60.7	0.0	-168.6	-168.6	-38.0	55.0
WQVZ498	Tyco Flow Control Fire Products	Active	Lubbock	TX	LUBBOCK	33	40	54.1	101	50	1.8	23.4	14.7	467.4750	14.5	70.4	27.4	-60.7	0.0	-158.5	-158.5	-27.9	44.9
WQTH212	Wilson Independent School District	Active	Wilson	TX	LYNN	33	19	11.4	101	43	40.1	23.6	137.8	467.4625	14.7	70.6	27.5	-60.7	0.0	-158.7	-158.7	-28.1	45.1
WRBN885	FIRST BAPTIST CHURCH OF MIDLAND	Active	MIDLAND	TX	MIDLAND	32	0	0.7	102	6	0.9	52	207.2	467.4625	32.3	70.6	34.3	-60.7	0.0	-165.6	-165.6	-35.0	52.0
WRBN885	FIRST BAPTIST CHURCH OF MIDLAND	Pending	MIDLAND	TX	MIDLAND	32	0	1	102	6	1	52	207.2	467.4625	32.3	70.6	34.3	-60.7	0.0	-165.6	-165.6	-35.0	52.0
WQQA639	EnerVest Operating, LLC	Active	Tarzan	TX	MARTIN	32	22	59	102	8	8	27.3	262	467.4500	17.0	70.7	28.7	-60.7	0.0	-160.1	-160.1	-29.5	46.5
WQTS995	Jo Mill Oil Company, LLC	Active	Gail	TX	BORDEN	32	37	52.6	101	38	14.2	30.9	39.7	467.4500	19.2	70.7	29.8	-60.7	0.0	-161.2	-161.2	-30.6	47.6
WQTS995	Jo Mill Oil Company, LLC	Active	Gail	TX	BORDEN	32	37	52.6	101	38	14.2	30.9	39.7	467.4500	19.2	70.7	29.8	-60.7	0.0	-161.2	-161.2	-30.6	47.6
WQTS995	Jo Mill Oil Company, LLC	Active	Gail	TX	BORDEN	32	40	43	101	39	28	34	31.5	467.4500	21.1	70.7	30.6	-60.7	0.0	-162.0	-162.0	-31.4	48.4
WQTS995	Jo Mill Oil Company, LLC	Active	Gail	TX	BORDEN	32	40	43	101	39	28	34	31.5	467.4500	21.1	70.7	30.6	-60.7	0.0	-162.0	-162.0	-31.4	48.4
WQRN873	FASKEN OIL AND RANCH LTD	Active	MIDLAND	TX	MIDLAND	32	1	32.8	102	9	45.3	52.6	214.3	467.4375	32.7	70.9	34.4	-60.7	0.0	-166.0	-166.0	-35.4	52.4
WQQU670	StandWildcat Minerals LLC	Active	Midland	TX	MIDLAND	31	54	45.8	102	13	37.3	66.4	212.5	467.4375	41.3	70.9	36.4	-60.7	0.0	-168.0	-168.0	-37.4	54.4
WNGM566	X-FAB Texas, Inc.	Active	LUBBOCK	TX	LUBBOCK	33	37	21.3	101	52	41.6	16.2	6.6	467.425	10.1	71.0	24.2	-60.7	0.0	-155.9	-155.9	-25.3	42.3
WRCN736	QEP ENERGY	Active	TARZAN	TX	MARTIN	32	19	23.6	102	10	27.5	32.4	251.2	467.4250	20.1	71.0	30.2	-60.7	0.0	-161.9	-161.9	-31.3	48.3
WQHC940	ONE IRON GOLF, INC.	Active	LUBBOCK	TX	LUBBOCK	33	36	23.3	102	1	36.1	18.6	320.4	467.4125	11.6	71.2	25.4	-60.7	0.0	-157.2	-157.2	-26.6	43.6
WQVZ572	Stanton Wind Energy LLC	Active	Lenorah	TX	HOWARD	32	7	11.8	101	29	40.3	46.9	134.8	467.4000	29.1	71.3	33.4	-60.7	0.0	-165.4	-165.4	-34.8	51.8
WPYB792	PROFESSIONAL COMMUNICATIONS	Active	SNYDER	TX	SCURRY	32	42	31	101	0	20	85.5	67.5	467.4	53.1	71.3	38.6	-60.7	0.0	-170.6	-170.6	-40.0	57.0
WRCDA67	TWIN EAGLE	Active	BIG SPRING	TX	HOWARD	32	11	40.4	101	37	4.6	32.9	138.8	467.3875	20.4	71.4	30.3	-60.7	0.0	-162.5	-162.5	-31.9	48.9
WQRD888	RSP PERMIAN LLC	Active	MIDLAND	TX	MIDLAND	32	0	59.6	102	11	22.9	54.9	215.9	467.3875	34.1	71.4	34.8	-60.7	0.0	-166.9	-166.9	-36.3	53.3
WPQJ402	LUBBOCK, CITY OF	Active	LUBBOCK	TX	LYNN	32	34	40.4	101	46	23.5	19.1	21.5	467.3750	11.9	71.6	25.6	-60.7	0.0	-157.9	-157.9	-27.3	44.3

TABULATION OF LAND MOBILE RECORDS AND INTERFERENCE ANALYSIS
K14PZ-D, LUBBOCK, TEXAS, CHANNEL 14 (FULL-SERVICE EMISSION MASK)

Callsign	Licensee Name	Status Code	Location City	Location State	Location County	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Distance From Center (km)	Azimuth From Center	Assigned Frequency	Distance (mi.)	FCC Full-Service Mask Req. (dB)	20°Log (Dist km) (dB)	Calc. Loss (dB)	Az. Pat. Discrim. (dB)	IX (dBm) (w/o Az. Discrim.)	Total IX (dBm)	Total IX (in dBu)	Margin above Limit
WRFI951	Crossroads Operating	Active	VINCENT	TX	HOWARD	32	31	16	101	13	32	59.6	78.7	467.375	37.0	71.6	35.5	-60.7	0.0	-167.8	-167.8	-37.2	54.2
WQOU670	StandWildcat Minerals LLC	Active	Midland	TX	MIDLAND	31	54	45.8	102	13	37.3	66.4	212.5	467.3625	41.3	71.7	36.4	-60.7	0.0	-168.9	-168.9	-38.3	55.3
WPSH893	PYCO INDUSTRIES INC	Active	LUBBOCK	TX	LUBBOCK	33	33	49.3	101	50	7.8	11.2	31.2	467.35	7.0	71.9	21.0	-60.7	0.0	-153.6	-153.6	-23.0	40.0
WRJX267	MIDLAND INDEPENDENT SCHOOL DIS	Active	MIDLAND	TX	MIDLAND	31	59	46.1	102	4	52.6	51.6	205.2	467.3500	32.1	71.9	34.3	-60.7	0.0	-166.8	-166.8	-36.2	53.2
WPNZ447	Waste Control Specialists LLC	Active	Andrews	TX	ANDREWS	32	19	19.1	102	11	9.5	33.5	251.6	467.3375	20.8	72.0	30.5	-60.7	0.0	-163.2	-163.2	-32.6	49.6
WQXS10	MIDLAND CHRISTIAN SCHOOL	Active	MIDLAND	TX	MIDLAND	32	0	42.7	102	6	58.3	51.6	209.3	467.3375	32.1	72.0	34.3	-60.7	0.0	-167.0	-167.0	-36.4	53.4
WRBS384	ODESSA COUNTRY CLUB	Active	ODESSA	TX	MIDLAND	31	53	39.7	102	17	5.4	71.1	215.4	467.3375	44.2	72.0	37.0	-60.7	0.0	-169.7	-169.7	-39.1	56.1
WQKE964	E. ON CLIMATE & RENEWABLES	Active	BIG SPRING	TX	STERLING	32	0	44.9	101	13	45.5	73.6	127.6	467.3250	45.7	72.2	37.3	-60.7	0.0	-170.2	-170.2	-39.6	56.6
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	32	26.2	101	54	5.5	7	357.6	467.3125	4.3	72.3	16.9	-60.7	0.0	-149.9	-149.9	-19.3	36.3
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	33	10.9	101	53	50.9	8.4	0.5	467.3125	5.2	72.3	18.5	-60.7	0.0	-151.5	-151.5	-20.9	37.9
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	34	15.8	101	52	39.1	10.6	10.5	467.3125	6.6	72.3	20.5	-60.7	0.0	-153.5	-153.5	-22.9	39.9
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	34	3.6	101	51	0.8	11	23.9	467.3125	6.8	72.3	20.8	-60.7	0.0	-153.8	-153.8	-23.2	40.2
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	36	2	101	52	10.4	13.9	11	467.3125	8.6	72.3	22.9	-60.7	0.0	-155.9	-155.9	-25.3	42.3
WQRN873	FASKEN OIL AND RANCH LTD	Active	MIDLAND	TX	MIDLAND	32	1	32.8	102	9	45.3	52.6	214.3	467.3125	32.7	72.3	34.4	-60.7	0.0	-167.4	-167.4	-36.8	53.8
WQYE846	DIAMOND WTG ENGINEERING & SERV	Active	FLUVANNA	TX	SCURRY	32	53	9	101	8	56	83.7	51.3	467.3125	52.0	72.3	38.5	-60.7	0.0	-171.5	-171.5	-40.9	57.9
WQWX576	Zachry Industrial Inc	Active	Lubbock	TX	LUBBOCK	33	35	35.4	102	1	58.6	17.9	315.9	467.3000	11.1	72.4	25.1	-60.7	0.0	-158.2	-158.2	-27.6	44.6
WQVA754	EDF Renewable Services	Active	ODonnell	TX	BORDEN	32	53	40.5	101	39	22.1	55.9	18.7	467.3000	34.7	72.4	34.9	-60.7	0.0	-168.1	-168.1	-37.5	54.5
KNNG788	Occidental Permian Ltd	Active	SEMINOLE	TX	GAINES	32	44	18.4	102	40	39.7	85.6	294.9	467.3	53.2	72.4	38.6	-60.7	0.0	-171.8	-171.8	-41.2	58.2
WQSL848	Self Radio, Inc.	Active	Sterling City	TX	STERLING	31	43	27	101	2	5	108.7	134.9	467.3	67.5	72.4	40.7	-60.7	0.0	-173.9	-173.9	-43.3	60.3
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	32	26.2	101	54	5.5	7	357.6	467.2875	4.3	72.6	16.9	-60.7	0.0	-150.2	-150.2	-19.6	36.6
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	34	15.8	101	52	39.1	10.6	10.5	467.2875	6.6	72.6	20.5	-60.7	0.0	-153.8	-153.8	-23.2	40.2
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	34	3.6	101	51	0.8	11	23.9	467.2875	6.8	72.6	20.8	-60.7	0.0	-154.1	-154.1	-23.5	40.5
WPNZ447	Waste Control Specialists LLC	Active	Andrews	TX	ANDREWS	32	19	19.1	102	11	9.5	33.5	251.6	467.2875	20.8	72.6	30.5	-60.7	0.0	-163.8	-163.8	-33.2	50.2
WQXS10	MIDLAND CHRISTIAN SCHOOL	Active	MIDLAND	TX	MIDLAND	32	0	42.7	102	6	58.3	51.6	209.3	467.2875	32.1	72.6	34.3	-60.7	0.0	-167.5	-167.5	-36.9	53.9
WQWM939	South Plains Electric Cooperative Inc	Active	Lubbock	TX	LUBBOCK	33	36	53.2	101	57	19.8	16.1	340.9	467.2750	10.0	72.7	24.1	-60.7	0.0	-157.6	-157.6	-27.0	44.0
WQWL655	Air Products & Chemicals Inc	Active	Odessa	TX	ECTOR	31	51	8.6	102	18	31	76.2	214.7	467.2750	47.3	72.7	37.6	-60.7	0.0	-171.1	-171.1	-40.5	57.5
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	32	28.3	101	51	46.6	7.8	24.8	467.2625	4.8	72.9	17.8	-60.7	0.0	-151.4	-151.4	-20.8	37.8
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	33	5.5	101	55	55.8	8.8	339.2	467.2625	5.5	72.9	18.9	-60.7	0.0	-152.5	-152.5	-21.9	38.9
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	33	58.6	101	52	37.1	10.1	11.3	467.2625	6.3	72.9	20.1	-60.7	0.0	-153.7	-153.7	-23.1	40.1
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	33	26.1	101	50	22.7	10.4	31.5	467.2625	6.5	72.9	20.3	-60.7	0.0	-153.9	-153.9	-23.3	40.3
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	34	58.8	101	54	48.9	11.8	353.1	467.2625	7.3	72.9	21.4	-60.7	0.0	-155.0	-155.0	-24.4	41.4
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	35	11.4	101	55	42.9	12.4	347	467.2625	7.7	72.9	21.9	-60.7	0.0	-155.4	-155.4	-24.8	41.8
WQRN873	FASKEN OIL AND RANCH LTD	Active	MIDLAND	TX	MIDLAND	32	1	32.8	102	9	45.3	52.6	214.3	467.2625	32.7	72.9	34.4	-60.7	0.0	-168.0	-168.0	-37.4	54.4
WQOU670	StandWildcat Minerals LLC	Active	Midland	TX	MIDLAND	31	54	45.8	102	13	37.3	66.4	212.5	467.2625	41.3	72.9	36.4	-60.7	0.0	-170.0	-170.0	-39.4	56.4
WRJX267	MIDLAND INDEPENDENT SCHOOL DIS	Active	MIDLAND	TX	MIDLAND	31	59	59.7	102	5	5	51.4	205.7	467.2500	31.9	73.0	34.2	-60.7	0.0	-167.9	-167.9	-37.3	54.3
WQJV779	Eurus Energy America Corp.	Active	Odonnell	TX	BORDEN	32	55	24.8	101	33	32.6	62.3	25.6	467.2500	38.7	73.0	35.9	-60.7	0.0	-169.6	-169.6	-39.0	56.0
WQWL655	Air Products & Chemicals Inc	Active	Odessa	TX	ECTOR	31	51	8.6	102	18	31	76.2	214.7	467.2500	47.3	73.0	37.6	-60.7	0.0	-171.4	-171.4	-40.8	57.8
WQWJ382	LUBBOCK-COOPER INDEPENDENT SCH	Active	LUBBOCK	TX	LUBBOCK	33	28	22.3	101	53	31.4	0.8	130.5	467.2375	0.5	73.2	-1.9	-60.7	0.0	-131.9	-131.9	-1.3	18.3
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	30	58.1	101	53	43.7	4.3	3.5	467.2375	2.7	73.2	12.7	-60.7	0.0	-146.5	-146.5	-15.9	32.9
WQWJ382	LUBBOCK-COOPER INDEPENDENT SCH	Active	LUBBOCK	TX	LUBBOCK	33	26	44.1	101	50	36.7	6.2	124.8	467.2375	3.9	73.2	15.8	-60.7	0.0	-149.7	-149.7	-19.1	36.1
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	32	27.2	101	52	40.9	7.3	14.9	467.2375	4.5	73.2	17.3	-60.7	0.0	-151.1	-151.1	-20.5	37.5
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	32	32.9	101	54	53.4	7.4	348.1	467.2375	4.6	73.2	17.4	-60.7	0.0	-151.2	-151.2	-20.6	37.6
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	32	37.6	101	51	38.5	8.2	25.3	467.2375	5.1	73.2	18.3	-60.7	0.0	-152.1	-152.1	-21.5	38.5
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	33	5.8	101	54	53.3	8.4	349.5	467.2375	5.2	73.2	18.5	-60.7	0.0	-152.3	-152.3	-21.7	38.7
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	33	52.1	101	51	14.9	10.5	22.9	467.2375	6.5	73.2	20.4	-60.7	0.0	-154.3	-154.3	-23.7	40.7
WPSH893	PYCO INDUSTRIES INC	Active	LUBBOCK	TX	LUBBOCK	33	33	49.3	101	50	7.8	11.2	31.2	467.2250	7.0	73.3	21.0	-60.7	0.0	-155.0	-155.0	-24.4	41.4
WQUR344	Petro Communications Inc	Active	Odessa	TX	ECTOR	32	2	52.9	102	17	45.5	58.8	225.9	467.2250	36.5	73.3	35.4	-60.7	0.0	-169.4	-169.4	-38.8	55.8
WQWJ382	LUBBOCK-COOPER INDEPENDENT SCH	Active	LUBBOCK	TX	LUBBOCK	33	28	22.3	101	53	31.4	0.8	130.5	467.2125	0.5	73.5	-1.9	-60.7	0.0	-132.2	-132.2	-1.6	18.6
WQWJ382	LUBBOCK-COOPER INDEPENDENT SCH	Active	LUBBOCK	TX	LUBBOCK	33	26	54.5	101	50	50.7	5.7	124.2	467.2125	3.5	73.5	15.1	-60.7	0.0	-149.3	-149.3	-18.7	35.7
WQWJ382	LUBBOCK-COOPER INDEPENDENT SCH	Active	LUBBOCK	TX	LUBBOCK	33	26	56.8	101	50	47.7	5.7	123.2	467.2125	3.5	73.5	15.1	-60.7	0.0	-149.3	-149.3	-18.7	35.7

TABULATION OF LAND MOBILE RECORDS AND INTERFERENCE ANALYSIS
K14PZ-D, LUBBOCK, TEXAS, CHANNEL 14 (FULL-SERVICE EMISSION MASK)

Callsign	Licensee Name	Status Code	Location City	Location State	Location County	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Distance From Center (km)	Azimuth From Center	Assigned Frequency	Distance (mi.)	FCC Full-Service Mask Req. (dB)	20°Log (Dist km) (dB)	Calc. Loss (dB)	Az. Pat. Discrim. (dB)	IX (dBm) (w/o Az. Discrim.)	Total IX (dBm)	Total IX (in dBu)	Margin above Limit
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	31	32.6	101	55	36.3	6	333.9	467.2125	3.7	73.5	15.6	-60.7	0.0	-149.7	-149.7	-19.1	36.1
WQWJ382	LUBBOCK-COOPER INDEPENDENT SCH	Active	LUBBOCK	TX	LUBBOCK	33	26	44.1	101	50	36.7	6.2	124.8	467.2125	3.9	73.5	15.8	-60.7	0.0	-150.0	-150.0	-19.4	36.4
WQSQ967	TRINITY CHURCH OF LUBBOCK	Active	LUBBOCK	TX	LUBBOCK	33	31	49.3	101	52	36.5	6.2	18.7	467.2125	3.9	73.5	15.8	-60.7	0.0	-150.0	-150.0	-19.4	36.4
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	32	26.2	101	54	5.5	7	357.6	467.2125	4.3	73.5	16.9	-60.7	0.0	-151.0	-151.0	-20.4	37.4
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	32	28.3	101	51	46.6	7.8	24.8	467.2125	4.8	73.5	17.8	-60.7	0.0	-152.0	-152.0	-21.4	38.4
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	33	10.9	101	53	50.9	8.4	0.5	467.2125	5.2	73.5	18.5	-60.7	0.0	-152.6	-152.6	-22.0	39.0
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	33	5.5	101	55	55.8	8.8	339.2	467.2125	5.5	73.5	18.9	-60.7	0.0	-153.0	-153.0	-22.4	39.4
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	33	25.1	101	52	48.6	9	10.8	467.2125	5.6	73.5	19.1	-60.7	0.0	-153.2	-153.2	-22.6	39.6
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	33	53.1	101	54	54.3	9.8	350.9	467.2125	6.1	73.5	19.8	-60.7	0.0	-154.0	-154.0	-23.4	40.4
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	33	58.6	101	52	37.1	10.1	11.3	467.2125	6.3	73.5	20.1	-60.7	0.0	-154.2	-154.2	-23.6	40.6
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	34	0.2	101	55	55.9	10.4	342.5	467.2125	6.5	73.5	20.3	-60.7	0.0	-154.5	-154.5	-23.9	40.9
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	33	52.1	101	51	14.9	10.5	22.9	467.2125	6.5	73.5	20.4	-60.7	0.0	-154.6	-154.6	-24.0	41.0
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	34	15.8	101	52	39.1	10.6	10.5	467.2125	6.6	73.5	20.5	-60.7	0.0	-154.7	-154.7	-24.1	41.1
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	34	3.6	101	51	0.8	11	23.9	467.2125	6.8	73.5	20.8	-60.7	0.0	-155.0	-155.0	-24.4	41.4
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	34	58.8	101	54	48.9	11.8	353.1	467.2125	7.3	73.5	21.4	-60.7	0.0	-155.6	-155.6	-25.0	42.0
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	34	43.2	101	51	11.4	12	20.4	467.2125	7.5	73.5	21.6	-60.7	0.0	-155.7	-155.7	-25.1	42.1
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	35	11.4	101	55	42.9	12.4	347	467.2125	7.7	73.5	21.9	-60.7	0.0	-156.0	-156.0	-25.4	42.4
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	35	20.6	101	51	40.6	12.9	15.4	467.2125	8.0	73.5	22.2	-60.7	0.0	-156.4	-156.4	-25.8	42.8
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	36	2	101	52	10.4	13.9	11	467.2125	8.6	73.5	22.9	-60.7	0.0	-157.0	-157.0	-26.4	43.4
WRHU853	GRADY ISD	Active	LENORAH	TX	MARTIN	32	18	28.5	101	55	42.4	14.3	211.8	467.2125	8.9	73.5	23.1	-60.7	0.0	-157.3	-157.3	-26.7	43.7
WQTM925	LUBBOCK ISD	Active	LUBBOCK	TX	LUBBOCK	33	36	11.4	101	49	21	15.6	26.6	467.2125	9.7	73.5	23.9	-60.7	0.0	-158.0	-158.0	-27.4	44.4
WRBN214	WILSON ISD	Active	WILSON	TX	LYNN	33	19	10.1	101	43	44.4	23.6	138.1	467.2125	14.7	73.5	27.5	-60.7	0.0	-161.6	-161.6	-31.0	48.0
WRBX497	TAHOKA ISD	Active	TAHOKA	TX	LYNN	33	10	16	101	47	47.4	35.3	164.4	467.2125	21.9	73.5	31.0	-60.7	0.0	-165.1	-165.1	-34.5	51.5
WQV734	LEVELLAND INDEPENDENT SCHOOL DI	Active	LEVELLAND	TX	HOCKLEY	33	35	0.9	102	20	33.5	42.9	286.1	467.2125	26.7	73.5	32.6	-60.7	0.0	-166.8	-166.8	-36.2	53.2
WQWY664	GREENWOOD INDEPENDENT SCHOOL	Active	MIDLAND	TX	MIDLAND	32	1	24.8	101	53	43.6	43.9	185.8	467.2125	27.3	73.5	32.8	-60.7	0.0	-167.0	-167.0	-36.4	53.4
WQV734	LEVELLAND INDEPENDENT SCHOOL DI	Active	LEVELLAND	TX	HOCKLEY	33	34	55.8	102	22	23.6	45.6	285	467.2125	28.3	73.5	33.2	-60.7	0.0	-167.3	-167.3	-36.7	53.7
WQV734	LEVELLAND INDEPENDENT SCHOOL DI	Active	LEVELLAND	TX	HOCKLEY	33	34	55.4	102	22	32.3	45.8	284.9	467.2125	28.5	73.5	33.2	-60.7	0.0	-167.4	-167.4	-36.8	53.8
WQOH270	MIDLAND COUNTY	Active	MIDLAND	TX	MIDLAND	32	0	7.8	102	4	30.5	50.8	204.9	467.2125	31.6	73.5	34.1	-60.7	0.0	-168.3	-168.3	-37.7	54.7
WQSQ510	MIDLAND CHRISTIAN SCHOOL	Active	MIDLAND	TX	MIDLAND	32	0	42.7	102	6	58.3	51.6	209.3	467.2125	32.1	73.5	34.3	-60.7	0.0	-168.4	-168.4	-37.8	54.8
WQUP715	POST INDEPENDENT SCHOOL DISTRICT	Active	POST	TX	GARZA	33	11	21.5	101	23	9.2	57.4	123.8	467.2125	35.7	73.5	35.2	-60.7	0.0	-169.3	-169.3	-38.7	55.7
WQUP715	POST INDEPENDENT SCHOOL DISTRICT	Active	POST	TX	GARZA	33	11	19.4	101	22	57.6	57.7	123.7	467.2125	35.9	73.5	35.2	-60.7	0.0	-169.4	-169.4	-38.8	55.8
WQUP715	POST INDEPENDENT SCHOOL DISTRICT	Active	POST	TX	GARZA	33	11	21.1	101	22	51.4	57.8	123.5	467.2125	35.9	73.5	35.2	-60.7	0.0	-169.4	-169.4	-38.8	55.8
WQYL573	O'DONNELL ISD	Active	O'DONNELL	TX	LYNN	32	58	6.7	101	49	45.7	61.1	1.6	467.2125	38.0	73.5	35.7	-60.7	0.0	-169.9	-169.9	-39.3	56.3
WQYT680	WELLMAN-UNION CISD	Active	WELLMAN	TX	TERRY	33	2	44.1	102	25	38.8	68.7	225.8	467.2125	42.7	73.5	36.7	-60.7	0.0	-170.9	-170.9	-40.3	57.3
WQNF281	UNIVERSITY OF TEXAS OF THE PERMIAN	Active	ODESSA	TX	ECTOR	31	52	53.2	102	19	17.2	74.3	216.9	467.2125	46.2	73.5	37.4	-60.7	0.0	-171.6	-171.6	-41.0	58.0
WQQP371	LOOP INDEPENDENT SCHOOL DISTRICT	Active	LOOP	TX	GAINES	32	53	36.2	102	24	59	75	315	467.2125	46.6	73.5	37.5	-60.7	0.0	-171.6	-171.6	-41.0	58.0
WQWL488	SEMINOLE HOSPITAL	Active	SEMINOLE	TX	GAINES	32	43	18.2	102	39	17.2	82.9	294.3	467.2125	51.5	73.5	38.4	-60.7	0.0	-172.5	-172.5	-41.9	58.9
WQYT680	WELLMAN-UNION CISD	Active	WELLMAN	TX	TERRY	33	2	44.1	102	25	38.8	88.3	322.4	467.2125	54.9	73.5	38.9	-60.7	0.0	-173.1	-173.1	-42.5	59.5
WQQW230	SEAGRAVES ISD	Active	SEAGRAVES	TX	GAINES	32	56	55.7	102	34	18.9	89.9	311.3	467.2125	55.9	73.5	39.1	-60.7	0.0	-173.2	-173.2	-42.6	59.6
WPWW464	J P Jenkins Inc	Active	Fluvanna	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	467.2	53.7	73.6	38.7	-60.7	0.0	-173.0	-173.0	-42.4	59.4
WRMK307	Tanner Heffington Farms	Active	Littlefield	TX	LAMB	33	51	16.3	102	17	59.3	56	318.6	467.1875	34.8	73.7	35.0	-60.7	0.0	-169.4	-169.4	-38.8	55.8
WQLL397	URS J W Williams	Active	Midland	TX	MIDLAND	31	56	57	102	16	39	65.8	217.9	467.1875	40.9	73.7	36.4	-60.7	0.0	-170.8	-170.8	-40.2	57.2
WQW723	Lamesa ISD	Active	Lamesa	TX	DAWSON	32	44	0	101	57	16.8	36.4	344.2	467.1750	22.6	73.9	31.2	-60.7	0.0	-165.8	-165.8	-35.2	52.2
WQQA641	Texas Communications of San Angelo,	Active	Sterling City	TX	STERLING	31	51	20	101	1	39	99.4	128.7	467.1750	61.8	73.9	39.9	-60.7	0.0	-174.5	-174.5	-43.9	60.9
WQDV333	Professional Communications	Active	LEVELLAND	TX	HOCKLEY	33	35	36.4	102	25	10.4	50.1	285.1	467.1625	31.1	74.0	34.0	-60.7	0.0	-168.7	-168.7	-38.1	55.1
WQWL655	Air Products & Chemicals Inc	Active	Odessa	TX	ECTOR	31	51	8.6	102	18	31	76.2	214.7	467.1500	47.3	74.2	37.6	-60.7	0.0	-172.5	-172.5	-41.9	58.9
WQZE665	Siemens Gamesa Renewable Energy, Inc	Active	FLUVANNA	TX	SCURRY	32	53	23	101	9	26	83.3	50.7	467.1500	51.8	74.2	38.4	-60.7	0.0	-173.3	-173.3	-42.7	59.7
WQUR344	Petro Communications Inc	Active	Odessa	TX	ECTOR	32	2	52.9	102	17	45.5	58.8	225.9	467.1250	36.5	74.5	35.4	-60.7	0.0	-170.5	-170.5	-39.9	56.9
WPXF271	South Plains Communications	Active	Odonnell	TX	LYNN	32	58	17.4	101	49	37.6	61.5	1.8	467.1250	38.2	74.5	35.8	-60.7	0.0	-170.9	-170.9	-40.3	57.3
WQOH821	APACHE CORPORATION	Active	GARDEN CITY	TX	GLASSCOCK	31	55	26.8	101	31	37.3	62.5	151.1	467.1250	38.8	74.5	35.9	-60.7	0.0	-171.1	-171.1	-40.5	57.5

TABULATION OF LAND MOBILE RECORDS AND INTERFERENCE ANALYSIS
K14PZ-D, LUBBOCK, TEXAS, CHANNEL 14 (FULL-SERVICE EMISSION MASK)

Callsign	Licensee Name	Status Code	Location City	Location State	Location County	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Distance From Center (km)	Azimuth From Center	Assigned Frequency	Distance (mi.)	FCC Full-Service Mask Req. (dB)	20°Log (Dist km) (dB)	Calc. Loss (dB)	Az. Pat. Discrim. (dB)	IX (dBm) (w/o Az. Discrim.)	Total IX (dBm)	Total IX (in dBu)	Margin above Limit
WQOS605	ALON USA LP	Active	BIG SPRING	TX	HOWARD	32	16	2.4	101	16	2.4	57.1	106.8	467.1000	35.5	74.7	35.1	-60.7	0.0	-170.6	-170.6	-40.0	57.0
WPKN990	JP JENKINS INC DBA SOUTH PLAINS CC	Active	LITTLEFIELD	TX	LAMB	33	54	8.3	102	20	13.6	62.3	319.5	467.1000	38.7	74.7	35.9	-60.7	0.0	-171.3	-171.3	-40.7	57.7
WPWM831	J P Jenkins Inc	Active	Fluvanna	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	467.1000	53.7	74.7	38.7	-60.7	0.0	-174.2	-174.2	-43.6	60.6
WQPK360	Petro Communications Inc.	Active	Midkiff	TX	GLASSCOCK	31	41	52	101	41	30	81.1	169.5	467.0875	50.4	74.9	38.2	-60.7	0.0	-173.8	-173.8	-43.2	60.2
WQOQD769	ALON USA	Active	BIG SPRING	TX	HOWARD	32	16	4.3	101	24	42.2	44.3	112	467.0750	27.5	75.0	32.9	-60.7	0.0	-168.7	-168.7	-38.1	55.1
WRAR907	Slant Operating, LLC	Active	GOLDSMITH	TX	ECTOR	31	59	40	102	42	17.3	93.4	240	467.0750	58.0	75.0	39.4	-60.7	0.0	-175.1	-175.1	-44.5	61.5
WQCM900	Professional Communications	Active	KEY	TX	DAWSON	32	44	35	101	43	39	37.9	17.3	467.0625	23.6	75.2	31.6	-60.7	0.0	-167.4	-167.4	-36.8	53.8
WPKN990	JP JENKINS INC DBA SOUTH PLAINS CC	Active	LITTLEFIELD	TX	LAMB	33	54	8.3	102	20	13.6	62.3	319.5	467.0500	38.7	75.3	35.9	-60.7	0.0	-171.9	-171.9	-41.3	58.3
WQWL655	Air Products & Chemicals Inc.	Active	Odessa	TX	ECTOR	31	51	8.6	102	18	31	76.2	214.7	467.0500	47.3	75.3	37.6	-60.7	0.0	-173.7	-173.7	-43.1	60.1
WPTK653	Professional Communications	Active	SEMINOLE	TX	GAINES	32	41	46.6	102	30	12.4	68.9	297	467.0375	42.8	75.5	36.8	-60.7	0.0	-172.9	-172.9	-42.3	59.3
WQUR344	Petro Communications Inc	Active	Odessa	TX	ECTOR	32	2	52.9	102	17	45.5	58.8	225.9	467.0250	36.5	75.6	35.4	-60.7	0.0	-171.7	-171.7	-41.1	58.1
WQZE665	Siemens Gamesa Renewable Energy, Inc	Active	FLUVANNA	TX	SCURRY	32	53	23	101	9	26	83.3	50.7	467.0250	51.8	75.6	38.4	-60.7	0.0	-174.7	-174.7	-44.1	61.1
WQRR200	ODESSA ORCHARD PARK PARTNERS, LP	Active	ODESSA	TX	ECTOR	31	55	15.9	102	17	19.6	69	217.1	467.0125	42.9	75.8	36.8	-60.7	0.0	-173.2	-173.2	-42.6	59.6
WQES953	Professional Communications	Active	Fluvanna	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	467.0125	53.7	75.8	38.7	-60.7	0.0	-175.2	-175.2	-44.6	61.6
WRHS422	WHITETAIL GENERAL CONSTRUCTORS	Active	MIDLAND	TX	MIDLAND	32	1	25.9	101	57	52.7	45	194.1	467.0000	28.0	75.9	33.1	-60.7	0.0	-169.7	-169.7	-39.1	56.1
WPKT609	WYLIE MANUFACTURING COMPANY	Active	PETERSBURG	TX	HALE	33	52	41.3	101	35	44.6	52.6	32.1	467.0000	32.7	75.9	34.4	-60.7	0.0	-171.0	-171.0	-40.4	57.4
WQPK360	Petro Communications Inc.	Active	Patricia	TX	ANDREWS	32	30	13.6	102	16	41.7	41.6	283.5	466.9875	25.8	76.0	32.4	-60.7	0.0	-169.1	-169.1	-38.5	55.5
WNGM566	X-FAB Texas, Inc.	Active	LUBBOCK	TX	LUBBOCK	33	37	21.3	101	52	41.6	16.2	6.6	466.9625	10.1	76.3	24.2	-60.7	0.0	-161.2	-161.2	-30.6	47.6
WQFF897	JCPenney Shared Services Center	Active	MIDLAND	TX	MIDLAND	32	1	55	102	7	44	50.3	211.7	466.9625	31.3	76.3	34.0	-60.7	0.0	-171.0	-171.0	-40.4	57.4
WQBZ914	Professional Communications	Active	Andrews	TX	ANDREWS	32	19	23	102	28	53	60.5	260.2	466.9625	37.6	76.3	35.6	-60.7	0.0	-172.7	-172.7	-42.1	59.1
WQFE989	JCPenney Shared Services Center	Active	ODESSA	TX	ECTOR	31	53	31	102	20	31	74.6	218.6	466.9625	46.4	76.3	37.5	-60.7	0.0	-174.5	-174.5	-43.9	60.9
WQZE665	Siemens Gamesa Renewable Energy, Inc	Active	FLUVANNA	TX	SCURRY	32	53	23	101	9	26	83.3	50.7	466.9625	51.8	76.3	38.4	-60.7	0.0	-175.4	-175.4	-44.8	61.8
WRXJ267	MIDLAND INDEPENDENT SCHOOL DISTRICT	Active	MIDLAND	TX	MIDLAND	31	59	46.1	102	4	52.6	51.6	205.2	466.9375	32.1	76.6	34.3	-60.7	0.0	-171.6	-171.6	-41.0	58.0
WPXF268	South Plains Communications	Active	Levelland	TX	HOCKLEY	33	33	48	102	25	49	50.3	281.1	466.9250	31.3	76.8	34.0	-60.7	0.0	-171.5	-171.5	-40.9	57.9
WQUR344	Petro Communications Inc	Active	Odessa	TX	ECTOR	32	2	52.9	102	17	45.5	58.8	225.9	466.9125	36.5	76.9	35.4	-60.7	0.0	-173.0	-173.0	-42.4	59.4
WRCF654	Grady Independent School District	Active	Lenorah	TX	MARTIN	32	18	27.1	101	55	49.3	14.4	212.4	466.8875	8.9	77.2	23.2	-60.7	0.0	-161.0	-161.0	-30.4	47.4
WNLC606	VARDEMAN, W D	Active	LUBBOCK	TX	LUBBOCK	33	25	41.3	101	54	41.6	5.6	192.6	466.875	3.5	77.3	15.0	-60.7	0.0	-153.0	-153.0	-22.4	39.4
WQQU444	Texas, State of (DPS)	Active	LUBBOCK	TX	LUBBOCK	33	35	28	101	50	58	13.4	19.7	466.8625	8.3	77.5	22.5	-60.7	0.0	-160.7	-160.7	-30.1	47.1
WQQU444	Texas, State of (DPS)	Active	LUBBOCK	TX	LUBBOCK	33	37	34	101	49	50	17.7	20.8	466.8625	11.0	77.5	25.0	-60.7	0.0	-163.1	-163.1	-32.5	49.5
WRBS384	ODESSA COUNTRY CLUB	Active	ODESSA	TX	MIDLAND	31	53	39.7	102	17	5.4	71.1	215.4	466.8625	44.2	77.5	37.0	-60.7	0.0	-175.2	-175.2	-44.6	61.6
WQOS330	South Plains Communications	Active	Patricia	TX	DAWSON	32	36	16	102	9	52	36.3	305.1	466.85	22.6	77.6	31.2	-60.7	0.0	-169.5	-169.5	-38.9	55.9
WQZE665	Siemens Gamesa Renewable Energy, Inc	Active	FLUVANNA	TX	SCURRY	32	53	23	101	9	26	83.3	50.7	466.8500	51.8	77.6	38.4	-60.7	0.0	-176.7	-176.7	-46.1	63.1
WQPK360	Petro Communications Inc.	Active	Midkiff	TX	GLASSCOCK	31	41	52	101	41	30	81.1	169.5	466.8375	50.4	77.8	38.2	-60.7	0.0	-176.6	-176.6	-46.0	63.0
WQVI256	WEST TEXAS SERVICES, INC.	Active	LUBBOCK	TX	LUBBOCK	33	33	54.3	101	55	22.6	10	346.8	466.8250	6.2	77.9	20.0	-60.7	0.0	-158.6	-158.6	-28.0	45.0
WQVW865	STOGNER PUMPING SERVICE INC DBA	Active	LAMESA	TX	DAWSON	32	43	24.4	101	56	27.6	35	345.7	466.8250	21.7	77.9	30.9	-60.7	0.0	-169.5	-169.5	-38.9	55.9
WRMK307	Tanner Heffington Farms	Active	Littlefield	TX	LAMB	33	51	16.3	102	17	59.3	56	318.6	466.8125	34.8	78.1	35.0	-60.7	0.0	-173.7	-173.7	-43.1	60.1
WQAL965	PROFESSIONAL COMMUNICATIONS	Active	SEMINOLE	TX	GAINES	32	44	46.5	102	40	18	85.5	295.6	466.8125	53.1	78.1	38.6	-60.7	0.0	-177.4	-177.4	-46.8	63.8
WQPK360	Petro Communications Inc.	Active	Patricia	TX	ANDREWS	32	30	13.6	102	16	41.7	41.6	283.5	466.8000	25.8	78.2	32.4	-60.7	0.0	-171.3	-171.3	-40.7	57.7
WPTK654	Professional Communications	Active	MIDLAND	TX	MIDLAND	31	57	48	102	2	17	53.4	199.6	466.7875	33.2	78.3	34.6	-60.7	0.0	-173.6	-173.6	-43.0	60.0
WQZE665	Siemens Gamesa Renewable Energy, Inc	Active	FLUVANNA	TX	SCURRY	32	53	23	101	9	26	83.3	50.7	466.7875	51.8	78.3	38.4	-60.7	0.0	-177.4	-177.4	-46.8	63.8
WRX378	HOOPEER TRUCKING CO INC	Active	ODESSA	TX	ECTOR	32	2	54.4	102	18	5.5	59.2	226.2	466.7750	36.8	78.5	35.4	-60.7	0.0	-174.6	-174.6	-44.0	61.0
WQWG837	Rattlesnake Wind Farms I LLC	Active	Garden City	TX	GLASSCOCK	31	44	57.1	101	27	58	82.4	154.1	466.775	51.2	78.5	38.3	-60.7	0.0	-177.5	-177.5	-46.9	63.9
WQCM900	Professional Communications	Active	KEY	TX	DAWSON	32	44	35	101	43	39	37.9	17.3	466.7625	23.6	78.6	31.6	-60.7	0.0	-170.9	-170.9	-40.3	57.3
WQEZ498	University Medical Center	Active	Lubbock	TX	LUBBOCK	33	35	29.3	101	53	13.6	12.7	4.7	466.7500	7.9	78.8	22.1	-60.7	0.0	-161.5	-161.5	-30.9	47.9
WQV5373	ECTOR COUNTY IND. SCHOOL DISTRICT	Active	ODESSA	TX	ECTOR	31	50	29.1	102	23	44.6	82.1	219	466.7500	51.0	78.8	38.3	-60.7	0.0	-177.7	-177.7	-47.1	64.1
WQDV333	Professional Communications	Active	BROWNFIELD	TX	TERRY	33	10	30	102	17	22	49.5	227.3	466.7375	30.8	78.9	33.9	-60.7	0.0	-173.5	-173.5	-42.9	59.9
WQTX723	Lamesa ISD	Active	Lamesa	TX	DAWSON	32	44	0	101	57	16.8	36.4	344.2	466.7250	22.6	79.1	31.2	-60.7	0.0	-171.0	-171.0	-40.4	57.4
WQYM998	Chevron USA Inc.	Active	Andrews	TX	ANDREWS	32	12	35.8	102	13	44.6	42.6	237.3	466.725	26.5	79.1	32.6	-60.7	0.0	-172.3	-172.3	-41.7	58.7
WPWJ632	Bear Communications, Inc.	Active	GIDDINGS	TX	LEE	32	43	22	102	1	52	38	333.3	466.7125	23.6	79.2	31.6	-60.7	0.0	-171.5	-171.5	-40.9	57.9
WQPK360	Petro Communications Inc.	Active	Patricia	TX	ANDREWS	32	30	13.6	102	16	41.7	41.6	283.5	466.6875	25.8	79.5	32.4	-60.7	0.0	-172.6	-172.6	-42.0	59.0

TABULATION OF LAND MOBILE RECORDS AND INTERFERENCE ANALYSIS
K14PZ-D, LUBBOCK, TEXAS, CHANNEL 14 (FULL-SERVICE EMISSION MASK)

Callsign	Licensee Name	Status Code	Location City	Location State	Location County	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Distance From Center (km)	Azimuth From Center	Assigned Frequency	Distance (mi.)	FCC Full-Service Mask Req. (dB)	20°Log (Dist km) (dB)	Calc. Loss (dB)	Az. Pat. Discrim. (dB)	IX (dBm) (w/o Az. Discrim.)	Total IX (dBm)	Total IX (in dBu)	Margin above Limit
WRCV563	Targa Midstream Services LLC	Active	Midland	TX	MIDLAND	31	51	14.1	101	47	17.1	62.7	174.8	466.6875	39.0	79.5	35.9	-60.7	0.0	-176.1	-176.1	-45.5	62.5
WQZE665	Siemens Gamesa Renewable Energy, Inc	Active	FLUVANNA	TX	SCURRY	32	53	23	101	9	26	83.3	50.7	466.6875	51.8	79.5	38.4	-60.7	0.0	-178.6	-178.6	-48.0	65.0
WQKM804	Tecolote Energy Operating, LLC	Active	PENWELL	TX	ECTOR	31	43	10.5	102	34	55	103.9	221.9	466.6875	64.6	79.5	40.3	-60.7	0.0	-180.5	-180.5	-49.9	66.9
WQRE793	INDUSTRIAL COMMUNICATIONS INC	Active	ODESSA	TX	ECTOR	31	51	41.4	102	19	43.5	76.5	216.3	466.6750	47.5	79.6	37.7	-60.7	0.0	-178.0	-178.0	-47.4	64.4
WQES593	Professional Communications	Active	Fluvanna	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	466.6625	53.7	79.8	38.7	-60.7	0.0	-179.2	-179.2	-48.6	65.6
WNMD650	LUBBOCK CHRISTIAN UNIVERSITY	Active	LUBBOCK	TX	LUBBOCK	33	34	1.3	101	56	2.6	10.5	341.6	466.6500	6.5	79.9	20.4	-60.7	0.0	-161.0	-161.0	-30.4	47.4
WNJH751	RANDOLPH, BOB	Active	GREENWOOD	TX	MIDLAND	32	1	5.4	101	57	16.5	45.4	192.7	466.6500	28.2	79.9	33.1	-60.7	0.0	-173.7	-173.7	-43.1	60.1
WPYL976	LLANO LOGISTICS INC.	Active	Lubbock	TX	LUBBOCK	33	32	28	101	49	6	10.3	46.3	466.6375	6.4	80.1	20.3	-60.7	0.0	-161.0	-161.0	-30.4	47.4
WQUR344	Petro Communications Inc	Active	Odessa	TX	ECTOR	32	2	52.9	102	17	45.5	58.8	225.9	466.6375	36.5	80.1	35.4	-60.7	0.0	-176.1	-176.1	-45.5	62.5
WQZE665	Siemens Gamesa Renewable Energy, Inc	Active	FLUVANNA	TX	SCURRY	32	53	23	101	9	26	83.3	50.7	466.6375	51.8	80.1	38.4	-60.7	0.0	-179.2	-179.2	-48.6	65.6
WQKE964	E. ON CLIMATE & RENEWABLES	Active	STERLING CITY	TX	STERLING	31	59	33.7	101	3	53.3	87.6	122.4	466.6375	54.4	80.1	38.9	-60.7	0.0	-179.6	-179.6	-49.0	66.0
WPVJ499	Lone Star Dirt & Paving LLD	Active	Lubbock	TX	LUBBOCK	33	28	45	101	53	10	1.2	79.8	466.6250	0.7	80.2	1.6	-60.7	0.0	-142.5	-142.5	-11.9	28.9
WPXR851	FAMILY DOLLAR	Active	ODESSA	TX	ECTOR	31	51	34.2	102	18	59.4	76	215.5	466.625	47.2	80.2	37.6	-60.7	0.0	-178.5	-178.5	-47.9	64.9
KD51147	ADAIR, DAVID	Active		TX	TERRY	33	2	37.3	102	25	53.7	88.4	322.1	466.625	54.9	80.2	38.9	-60.7	0.0	-179.8	-179.8	-49.2	66.2
WQYQ977	Firebird Energy, LLC.	Active	Odessa	TX	ECTOR	31	44	3.9	102	21	6	89.4	212.1	466.6125	55.6	80.4	39.0	-60.7	0.0	-180.1	-180.1	-49.5	66.5
WQVN471	Concho Valley Electric Coop	Active	Sterling City	TX	STERLING	31	51	20	101	1	39	99.4	128.7	466.6125	61.8	80.4	39.9	-60.7	0.0	-181.0	-181.0	-50.4	67.4
WQOZ264	FIRST PRESBYTERIAN CHURCH	Active	MIDLAND	TX	MIDLAND	31	59	55.2	102	5	3	51.5	205.6	466.6000	32.0	80.5	34.2	-60.7	0.0	-175.4	-175.4	-44.8	61.8
WQSL848	Self Radio, Inc.	Active	Sterling City	TX	STERLING	31	43	27	101	2	5	108.7	134.9	466.6000	67.5	80.5	40.7	-60.7	0.0	-181.9	-181.9	-51.3	68.3
WQDV333	Professional Communications	Active	BROWNFIELD	TX	TERRY	33	10	30	102	17	22	49.5	227.3	466.5875	30.8	80.6	33.9	-60.7	0.0	-175.2	-175.2	-44.6	61.6
WQPK360	Petro Communications Inc.	Active	Midkiff	TX	GLASSCOCK	31	41	52	101	41	30	81.1	169.5	466.5875	50.4	80.6	38.2	-60.7	0.0	-179.5	-179.5	-48.9	65.9
WQNE416	Quail Run Energy GP Holidngs, LLC.	Active	ODESSA	TX	ECTOR	31	51	30.6	102	18	18.1	75.5	214.8	466.5750	46.9	80.8	37.6	-60.7	0.0	-179.0	-179.0	-48.4	65.4
WNME726	TEXAS COMMUNICATIONS OF SAN AN	Active	STERLING CITY	TX	STERLING	31	51	20.5	101	1	39.4	99.4	128.7	466.5750	61.8	80.8	39.9	-60.7	0.0	-181.4	-181.4	-50.8	67.8
WQRL375	J & J Oilfield Electric Co Inc	Active	COAHOMA	TX	HOWARD	32	17	32.2	101	18	38.5	52.4	105.3	466.5625	32.6	80.9	34.4	-60.7	0.0	-176.0	-176.0	-45.4	62.4
WPTK654	Professional Communications	Active	MIDLAND	TX	MIDLAND	31	57	48	102	2	17	53.4	199.6	466.5625	33.2	80.9	34.6	-60.7	0.0	-176.2	-176.2	-45.6	62.6
WQOD769	ALON USA	Active	BIG SPRING	TX	HOWARD	32	16	4.3	101	24	42.2	44.3	112	466.5500	27.5	81.1	32.9	-60.7	0.0	-174.7	-174.7	-44.1	61.1
WQV5373	ECTOR COUNTY IND. SCHOOL DISTRIC	Active	ODESSA	TX	ECTOR	31	51	25.5	102	24	23.5	81.5	220.3	466.5500	50.6	81.1	38.2	-60.7	0.0	-180.0	-180.0	-49.4	66.4
KD36653	SCOTT MFG INC	Active		TX	LUBBOCK	33	30	21.3	102	0	32.6	10.8	287.2	466.5375	6.7	81.2	20.7	-60.7	0.0	-162.6	-162.6	-32.0	49.0
WNPG768	INDUSTRIAL COMMUNICATIONS INC	Active	ODESSA	TX	ECTOR	31	51	41.5	102	19	44.5	76.5	216.4	466.5250	47.5	81.4	37.7	-60.7	0.0	-179.7	-179.7	-49.1	66.1
WPYB792	PROFESSIONAL COMMUNICATIONS	Active	SNYDER	TX	SCURRY	32	42	31	101	0	20	85.5	67.5	466.5250	53.1	81.4	38.6	-60.7	0.0	-180.7	-180.7	-50.1	67.1
WQPG693	GREEN TREE COUNTRY CLUB	Active	MIDLAND	TX	MIDLAND	32	3	21.6	102	9	47.5	49.9	216.5	466.5125	31.0	81.5	34.0	-60.7	0.0	-176.1	-176.1	-45.5	62.5
WPLE720	ODESSA COUNTRY CLUB	Active		TX	ECTOR	31	50	43.5	102	22	2.5	80.1	217.7	466.5125	49.8	81.5	38.1	-60.7	0.0	-180.3	-180.3	-49.7	66.7
WRJX267	MIDLAND INDEPENDENT SCHOOL DIS	Active	MIDLAND	TX	MIDLAND	31	59	46.1	102	4	52.6	51.6	205.2	466.5	32.1	81.7	34.3	-60.7	0.0	-176.6	-176.6	-46.0	63.0
WQWE671	Big Country Electric Cooperative	Active	Fluvanna	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	466.4875	53.7	81.8	38.7	-60.7	0.0	-181.2	-181.2	-50.6	67.6
WNMD650	LUBBOCK CHRISTIAN UNIVERSITY	Active	LUBBOCK	TX	LUBBOCK	33	34	1.3	101	56	2.6	10.5	341.6	466.4750	6.5	81.9	20.4	-60.7	0.0	-163.0	-163.0	-32.4	49.4
WQCM900	Professional Communications	Active	KEY	TX	DAWSON	32	44	35	101	43	39	37.9	17.3	466.4625	23.6	82.1	31.6	-60.7	0.0	-174.3	-174.3	-43.7	60.7
WQBZ914	Professional Communications	Active	Andrews	TX	ANDREWS	32	19	23	102	28	53	60.5	260.2	466.4375	37.6	82.4	35.6	-60.7	0.0	-178.7	-178.7	-48.1	65.1
WQV5373	ECTOR COUNTY IND. SCHOOL DISTRIC	Active	ODESSA	TX	ECTOR	31	53	10.8	102	19	59.8	74.6	217.9	466.4250	46.4	82.5	37.5	-60.7	0.0	-180.6	-180.6	-50.0	67.0
WQES593	Professional Communications	Active	Fluvanna	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	466.4125	53.7	82.7	38.7	-60.7	0.0	-182.1	-182.1	-51.5	68.5
WQNH312	Lubbock Aero	Active	Lubbock	TX	LUBBOCK	33	39	32.5	101	49	58.9	21	16.7	466.4000	13.0	82.8	26.4	-60.7	0.0	-169.9	-169.9	-39.3	56.3
WPML570	SPEIGHT, CARL: SPEIGHT, JOHN: SPEIGH	Active	BIG SPRING	TX	HOWARD	32	11	6.4	101	27	57.4	44.3	125.6	466.4000	27.5	82.8	32.9	-60.7	0.0	-176.4	-176.4	-45.8	62.8
WPML570	SPEIGHT, CARL: SPEIGHT, JOHN: SPEIGH	Active	MIDLAND	TX	MIDLAND	31	54	32	102	4	2	60	200.1	466.4000	37.3	82.8	35.6	-60.7	0.0	-179.0	-179.0	-48.4	65.4
WPML570	SPEIGHT, CARL: SPEIGHT, JOHN: SPEIGH	Active	ANDREWS	TX	ANDREWS	32	18	8	102	36	51	73.2	260.1	466.4	45.5	82.8	37.3	-60.7	0.0	-180.8	-180.8	-50.2	67.2
WRML288	REDEEMER CHURCH	Active	MIDLAND	TX	MIDLAND	32	0	1.8	102	4	38.7	51	205	466.3875	31.7	82.9	34.2	-60.7	0.0	-177.8	-177.8	-47.2	64.2
WNDU220	ANDREWS INDEPENDENT SCHOOL DIS	Active	ANDREWS	TX	ANDREWS	32	19	26.4	102	34	16.6	68.8	261.5	466.3750	42.8	83.1	36.8	-60.7	0.0	-180.5	-180.5	-49.9	66.9
WPXR851	FAMILY DOLLAR	Active	ODESSA	TX	ECTOR	31	51	34.2	102	18	59.4	76	215.5	466.375	47.2	83.1	37.6	-60.7	0.0	-181.4	-181.4	-50.8	67.8
WNBM495	WESTMORELAND, LOWELL	Active	ANTON	TX	HOCKLEY	33	48	26.3	102	9	20.6	43.7	327.1	466.3500	27.2	83.4	32.8	-60.7	0.0	-176.9	-176.9	-46.3	63.3
WQUR344	Petro Communications Inc	Active	Odessa	TX	ECTOR	32	2	52.9	102	17	45.5	58.8	225.9	466.3500	36.5	83.4	35.4	-60.7	0.0	-179.4	-179.4	-48.8	65.8
WQOH821	APACHE CORPORATION	Active	GARDEN CITY	TX	GLASSCOCK	31	55	26.8	101	31	37.3	62.5	151.1	466.3500	38.8	83.4	35.9	-60.7	0.0	-180.0	-180.0	-49.4	66.4
KB70407	TEXAS TECH UNIVERSITY	Active		TX	LUBBOCK	33	35	0.3	101	52	31.6	12	10.2	466.3375	7.5	83.5	21.6	-60.7	0.0	-165.8	-165.8	-35.2	52.2
WPKN991	JP JENKINS INC DBA SOUTH PLAINS CO	Active	LUBBOCK	TX	LUBBOCK	33	34	0.3	101	57	56.6	11.7	327.9	466.3250	7.3	83.7	21.4	-60.7	0.0	-165.7	-165.7	-35.1	52.1

TABULATION OF LAND MOBILE RECORDS AND INTERFERENCE ANALYSIS
K14PZ-D, LUBBOCK, TEXAS, CHANNEL 14 (FULL-SERVICE EMISSION MASK)

Callsign	Licensee Name	Status Code	Location City	Location State	Location County	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Distance From Center (km)	Azimuth From Center	Assigned Frequency	Distance (mi.)	FCC Full-Service Mask Req. (dB)	20°Log (Dist km) (dB)	Calc. Loss (dB)	Az. Pat. Discrim. (dB)	IX (dBm) (w/o Az. Discrim.)	Total IX (dBm)	Total IX (in dBu)	Margin above Limit
KNCDD779	MCCARTY FARMS	Active	LITTLEFIELD	TX	LAMB	33	55	46.4	102	8	9.7	54.8	336.4	466.3250	34.1	83.7	34.8	-60.7	0.0	-179.1	-179.1	-48.5	65.5
WQQX438	Apache Corporation	Active	Andrews	TX	ANDREWS	32	18	14.5	102	36	16.2	72.3	260.1	466.3250	44.9	83.7	37.2	-60.7	0.0	-181.5	-181.5	-50.9	67.9
WQVZ498	Tyco Flow Control Fire Products	Active	Lubbock	TX	LUBBOCK	33	40	54.1	101	50	1.8	23.4	14.7	466.3000	14.5	83.9	27.4	-60.7	0.0	-172.0	-172.0	-41.4	58.4
WNMK680	NOLEN H COPE INC DBA COPE SAND &	Active	LAMESA	TX	DAWSON	32	42	52.4	101	56	32.6	34.1	345.1	466.3000	21.2	83.9	30.7	-60.7	0.0	-175.3	-175.3	-44.7	61.7
WPXR851	FAMILY DOLLAR	Active	ODESSA	TX	ECTOR	31	51	34.2	102	18	59.4	76	215.5	466.3000	47.2	83.9	37.6	-60.7	0.0	-182.2	-182.2	-51.6	68.6
WPBV227	Professional Communications	Active	BIG SPRING	TX	HOWARD	32	13	6.4	101	27	10.4	43.3	120.7	466.2750	26.9	84.2	32.7	-60.7	0.0	-177.6	-177.6	-47.0	64.0
WPF1279	WILLIAMS RANCH BIG SPRING	Active	BIG SPRING	TX	HOWARD	32	13	6.4	101	27	10.4	43.3	120.7	466.2750	26.9	84.2	32.7	-60.7	0.0	-177.6	-177.6	-47.0	64.0
WPBV227	Professional Communications	Active	MIDLAND	TX	MIDLAND	31	58	1.4	102	7	7.5	56.1	207	466.275	34.9	84.2	35.0	-60.7	0.0	-179.9	-179.9	-49.3	66.3
WNWQ748	MACERICH SOUTH PLAINS LP	Active	LUBBOCK	TX	LUBBOCK	33	32	22.3	101	55	31.6	7.3	340	466.2500	4.5	84.5	17.3	-60.7	0.0	-162.5	-162.5	-31.9	48.9
WQFC983	Stonewate Fellowship Church	Active	Midland	TX	MIDLAND	32	0	35	102	10	2	54.3	213.6	466.2500	33.7	84.5	34.7	-60.7	0.0	-179.9	-179.9	-49.3	66.3
WQQD769	ALON USA	Active	BIG SPRING	TX	HOWARD	32	16	4.3	101	24	42.2	44.3	112	466.2250	27.5	84.8	32.9	-60.7	0.0	-178.4	-178.4	-47.8	64.8
WPXR851	FAMILY DOLLAR	Active	ODESSA	TX	ECTOR	31	51	34.2	102	18	59.4	76	215.5	466.2250	47.2	84.8	37.6	-60.7	0.0	-183.1	-183.1	-52.5	69.5
WPML570	SPEIGHT, CARL: SPEIGHT, JOHN: SPEIGH	Active	MIDLAND	TX	MIDLAND	31	54	32	102	4	2	60	200.1	466.2000	37.3	85.1	35.6	-60.7	0.0	-181.3	-181.3	-50.7	67.7
WPKN990	JP JENKINS INC DBA SOUTH PLAINS CO	Active	LITTLEFIELD	TX	LAMB	33	54	8.3	102	20	13.6	62.3	319.5	466.2000	38.7	85.1	35.9	-60.7	0.0	-181.7	-181.7	-51.1	68.1
WNHJ370	ELISON JR. DELMON	Active	SEAGRAVES	TX	GAINES	32	53	55.4	102	33	6.7	84.9	309.3	466.2000	52.8	85.1	38.6	-60.7	0.0	-184.3	-184.3	-53.7	70.7
WQSK985	The Children Home of Lubbock and Far	Active	Lubbock	TX	LUBBOCK	33	36	44.4	101	46	28.9	18.9	37.3	466.1750	11.7	85.4	25.5	-60.7	0.0	-171.6	-171.6	-41.0	58.0
WQVA754	EDF Renewable Services	Active	ODonnell	TX	BORDEN	32	53	40.5	101	39	22.1	55.9	18.7	466.1750	34.7	85.4	34.9	-60.7	0.0	-181.0	-181.0	-50.4	67.4
WQAU850	SEMINOLE INDEPENDENT SCHOOL DIS	Active	Seminole	TX	GAINES	32	42	30.3	102	37	46.6	80.2	294.1	466.1750	49.8	85.4	38.1	-60.7	0.0	-184.1	-184.1	-53.5	70.5
WNHX792	JOHNSON FLYING SERVICE INC.	Active	LAMESA	TX	DAWSON	32	42	31.4	101	58	57.6	34.7	338.8	466.1500	21.6	85.7	30.8	-60.7	0.0	-177.2	-177.2	-46.6	63.6
WRFJ697	Petro Communications Inc.	Active	MIDLAND	TX	MIDLAND	31	59	0	102	3	3	51.8	201.6	466.1500	32.2	85.7	34.3	-60.7	0.0	-180.6	-180.6	-50.0	67.0
WNWQ748	MACERICH SOUTH PLAINS LP	Active	LUBBOCK	TX	LUBBOCK	33	32	22.3	101	55	31.6	7.3	340	466.1250	4.5	86.0	17.3	-60.7	0.0	-163.9	-163.9	-33.3	50.3
WQQK679	Dillards, Inc.	Active	Midland	TX	MIDLAND	32	1	55	102	7	44	50.3	211.7	466.1250	31.3	86.0	34.0	-60.7	0.0	-180.7	-180.7	-50.1	67.1
WPWW464	J P Jenkins Inc.	Active	Fluvanna	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	466.1000	53.7	86.2	38.7	-60.7	0.0	-185.6	-185.6	-55.0	72.0
WOSJ293	Southcrest Baptist Church	Active	Lubbock	TX	LUBBOCK	33	31	39	101	53	50.7	5.6	0.9	466.075	3.5	86.5	15.0	-60.7	0.0	-162.2	-162.2	-31.6	48.6
WPWM831	J P Jenkins Inc.	Active	Fluvanna	TX	SCURRY	32	53	7.3	101	6	40.5	86.4	52.8	466.0750	53.7	86.5	38.7	-60.7	0.0	-185.9	-185.9	-55.3	72.3
WPDG511	McLANE HIGH PLAINS	Active	LUBBOCK	TX	LUBBOCK	33	34	40.3	101	51	18.6	11.8	19.7	466.0500	7.3	86.8	21.4	-60.7	0.0	-168.9	-168.9	-38.3	55.3
WRCF654	Grady Independent School District	Active	Lenorah	TX	MARTIN	32	18	27.1	101	55	49.3	14.4	212.4	466.05	8.9	86.8	23.2	-60.7	0.0	-170.7	-170.7	-40.1	57.1
KB93836	XTO Energy, Inc.	Active		TX	DAWSON	32	33	20.4	102	1	11.6	22.3	313.7	466.0375	13.9	87.0	27.0	-60.7	0.0	-174.6	-174.6	-44.0	61.0
KB93836	XTO Energy, Inc.	Active		TX	GLASSCOCK	31	51	50.5	101	29	1.4	70.3	150.8	466.0375	43.7	87.0	36.9	-60.7	0.0	-184.6	-184.6	-54.0	71.0
KB93836	XTO Energy, Inc.	Active		TX	GAINES	32	44	47.4	102	40	11.7	85.4	295.6	466.0375	53.1	87.0	38.6	-60.7	0.0	-186.3	-186.3	-55.7	72.7
WQYM216	APACHE CORPORATION	Active	Midland	TX	MIDLAND	31	57	21.4	102	8	38.5	58.3	208.6	466.0250	36.2	87.1	35.3	-60.7	0.0	-183.1	-183.1	-52.5	69.5
WQYM216	APACHE CORPORATION	Active	Midland	TX	MIDLAND	31	57	21.4	102	8	38.5	58.3	208.6	466.0250	36.2	87.1	35.3	-60.7	0.0	-183.1	-183.1	-52.5	69.5
WPXH452	Southwest dispatch Center, L.P.	Active	LUBBOCK	TX	LUBBOCK	33	35	27.1	101	52	4	12.9	12.6	465.9375	8.0	88.1	22.2	-60.7	0.0	-171.0	-171.0	-40.4	57.4
WPXH452	Southwest dispatch Center, L.P.	Active	ODESSA	TX	ECTOR	31	53	14.7	102	17	35.6	72.2	215.5	465.9375	44.9	88.1	37.2	-60.7	0.0	-186.0	-186.0	-55.4	72.4
WPXH452	SOUTHWEST DISPATCH CENTER, L.P.	Pending	ODESSA	TX	ECTOR	31	53	14.7	102	17	35.6	72.2	215.5	465.9375	44.9	88.1	37.2	-60.7	0.0	-186.0	-186.0	-55.4	72.4
WDU930	APROTEX CORPORATION	Active	MIDLAND	TX	MIDLAND	31	59	0.4	102	5	56.5	53.6	206.1	465.9000	33.3	88.6	34.6	-60.7	0.0	-183.8	-183.8	-53.2	70.2
WNIY643	LUBBOCK AUTO AUCTION INC	Active	LUBBOCK	TX	LUBBOCK	33	33	47.3	101	49	21.5	11.8	36.3	465.8750	7.3	88.8	21.4	-60.7	0.0	-170.9	-170.9	-40.3	57.3
WQWU643	LANDMARK AVIATION	Active	MIDLAND	TX	MIDLAND	31	56	15.4	102	12	24.5	63	212.4	465.8500	39.1	89.1	36.0	-60.7	0.0	-185.8	-185.8	-55.2	72.2
WQZP828	SIGNATURE FLIGHT SUPPORT	Active	MIDLAND	TX	MIDLAND	31	56	22.3	102	12	30.9	63	212.7	465.8500	39.1	89.1	36.0	-60.7	0.0	-185.8	-185.8	-55.2	72.2
WQXY455	United Ground Express, Inc.	Active	Midland	TX	MIDLAND	31	56	31.8	102	12	26.8	62.6	212.7	465.7000	38.9	90.9	35.9	-60.7	0.0	-187.4	-187.4	-56.8	73.8
WQAL965	PROFESSIONAL COMMUNICATIONS	Active	SEMINOLE	TX	GAINES	32	44	46.5	102	40	18	85.5	295.6	465.6625	53.1	91.3	38.6	-60.7	0.0	-190.6	-190.6	-60.0	77.0
WQKF563	LUBBOCK, COUNTY OF	Active	LUBBOCK	TX	LUBBOCK	33	27	54.3	101	47	40.9	9.7	98	465.6188	6.0	91.8	19.7	-60.7	0.0	-172.2	-172.2	-41.6	58.6
KNEE339	Chevron USA Inc.	Active	SEMINOLE	TX	GAINES	32	34	46.4	102	40	41.7	80.1	283.3	465.6000	49.8	92.0	38.1	-60.7	0.0	-190.7	-190.7	-60.1	77.1
KNEE339	Chevron USA Inc.	Active	SEMINOLE	TX	GAINES	32	34	46.4	102	40	41.7	80.1	283.3	465.6	49.8	92.0	38.1	-60.7	0.0	-190.7	-190.7	-60.1	77.1
WPWK985	City of Big Spring	Active	BIG SPRING	TX	HOWARD	32	14	6	101	30	43.5	37.5	122.6	465.5500	23.3	92.6	31.5	-60.7	0.0	-184.7	-184.7	-54.1	71.1
WPWK985	City of Big Spring	Active	BIG SPRING	TX	HOWARD	32	15	9.7	101	28	21	39.8	117.3	465.5500	24.7	92.6	32.0	-60.7	0.0	-185.2	-185.2	-54.6	71.6
WPWK985	City of Big Spring	Active	BIG SPRING	TX	HOWARD	32	13	21.4	101	27	34.4	42.5	120.6	465.5250	26.4	92.9	32.6	-60.7	0.0	-186.1	-186.1	-55.5	72.5
WNKA931	Occidental Permian Ltd	Active	WELCH	TX	GAINES	32	51	3.4	102	14	59.8	61.1	322.1	465.5000	38.0	93.2	35.7	-60.7	0.0	-189.5	-189.5	-58.9	75.9
WNKA931	Occidental Permian Ltd	Active	WELCH	TX	GAINES	32	51	3.4	102	14	59.8	61.1	322.1	465.5000	38.0	93.2	35.7	-60.7	0.0	-189.5	-189.5	-58.9	75.9
WQKF563	LUBBOCK, COUNTY OF	Active	LUBBOCK	TX	LUBBOCK	33	27	54.3	101	47	40.9	9.7	98	465.4188	6.0	94.1	19.7	-60.7	0.0	-174.5	-174.5	-43.9	60.9

TABULATION OF LAND MOBILE RECORDS AND INTERFERENCE ANALYSIS
K14PZ-D, LUBBOCK, TEXAS, CHANNEL 14 (FULL-SERVICE EMISSION MASK)

Callsign	Licensee Name	Status Code	Location City	Location State	Location County	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Distance From Center (km)	Azimuth From Center	Assigned Frequency	Distance (mi.)	FCC Full-Service Mask Req. (dB)	20*Log (Dist km) (dB)	Calc. Loss (dB)	Az. Pat. Discrim. (dB)	IX (dBm) (w/o Az. Discrim.)	Total IX (dBm)	Total IX (in dBu)	Margin above Limit
WQVT522	ECTOR COUNTY IND. SCHOOL DISTRIC	Active	ODESSA	TX	ECTOR	31	51	5.5	102	22	56.5	80.5	218.8	465.4000	50.0	94.3	38.1	-60.7	0.0	-193.1	-193.1	-62.5	79.5
KNEE339	Chevron USA Inc.	Active	SEMINOLE	TX	GAINES	32	34	46.4	102	40	41.7	80.1	283.3	465.3750	49.8	94.6	38.1	-60.7	0.0	-193.3	-193.3	-62.7	79.7
KNEE339	Chevron USA Inc.	Active	SEMINOLE	TX	GAINES	32	34	46.4	102	40	41.7	80.1	283.3	465.3750	49.8	94.6	38.1	-60.7	0.0	-193.3	-193.3	-62.7	79.7
WQKF563	LUBBOCK, COUNTY OF	Active	LUBBOCK	TX	LUBBOCK	33	27	54.3	101	47	40.9	9.7	98	465.2188	6.0	96.4	19.7	-60.7	0.0	-176.8	-176.8	-46.2	63.2
KNJY731	Chevron USA Inc.	Active	ANDREWS	TX	ANDREWS	32	11	49.4	102	15	24.5	45.6	237.6	465.1750	28.3	96.9	33.2	-60.7	0.0	-190.7	-190.7	-60.1	77.1
KNJY731	Chevron USA Inc.	Active	ANDREWS	TX	ANDREWS	32	11	49.4	102	15	24.5	45.6	237.6	465.175	28.3	96.9	33.2	-60.7	0.0	-190.7	-190.7	-60.1	77.1
KNJY731	Chevron USA Inc.	Pending	ANDREWS	TX	ANDREWS	32	11	49.4	102	15	24.5	45.6	237.6	465.1750	28.3	96.9	33.2	-60.7	0.0	-190.7	-190.7	-60.1	77.1
KNJY731	Chevron USA Inc.	Pending	ANDREWS	TX	ANDREWS	32	11	49.4	102	15	24.5	45.6	237.6	465.1750	28.3	96.9	33.2	-60.7	0.0	-190.7	-190.7	-60.1	77.1
WQVT522	ECTOR COUNTY IND. SCHOOL DISTRIC	Active	ODESSA	TX	ECTOR	31	49	54.4	102	22	13.3	81.5	217.2	465.0500	50.6	98.3	38.2	-60.6	0.0	-197.2	-197.2	-66.6	83.6
WQVT522	ECTOR COUNTY IND. SCHOOL DISTRIC	Active	ODESSA	TX	ECTOR	31	52	11	102	22	41.4	78.7	219.5	465.0250	48.9	98.6	37.9	-60.6	0.0	-197.2	-197.2	-66.6	83.6
WRBV390	KPA MINISTRIES, INC.	Active	LUBBOCK	TX	LUBBOCK	33	32	13.8	101	56	2	7.4	333.7	465.0000	4.6	98.9	17.4	-60.6	0.0	-176.9	-176.9	-46.3	63.3
WRCC307	CATALYST OILFIELD SERVICES	Active	GARDENDALE	TX	ECTOR	32	3	15.9	102	17	46.6	58.3	226.4	465.0000	36.2	98.9	35.3	-60.6	0.0	-194.9	-194.9	-64.3	81.3
WQVB661	ODESSA COLLEGE	Active	ODESSA	TX	ECTOR	31	51	50.1	102	23	10.2	79.6	219.6	465	49.5	98.9	38.0	-60.6	0.0	-197.6	-197.6	-67.0	84.0