

SELLMEYER ENGINEERING

BROADCAST AND COMMUNICATIONS CONSULTING ENGINEERS

P.O. Box 356 McKinney, Texas 75070

MEMBER AFCCE

(972) 542-2056

EXHIBIT E1-1, PAGE 1
DIRECTIONAL ANTENNA SPECIFICATIONS
RADIO STATION KTBZ
1430 KHZ, 5.0 KW, 25 KW-LS, DA-2
TULSA, OKLAHOMA

=====

COMMON SPECIFICATIONS

No. of Elements:	4
Type of Elements:	Towers 1 & 3: Uniform Cross-section, Guyed, Vertical Radiator Towers 2 & 4: Self Supporting, Tapered Vertical Radiator
Height of Elements:	Tower 1 (Daytime Only):
Electrical Height:	94.2 Degrees
Above Insulator:	54.9 Mtrs (180 Ft)
Above Ground Level:	56.1 Mtrs (184 Ft)
Above Mean Sea Level:	251.2 Mtrs (824 Ft)
	Tower 2 (Daytime & Nighttime):
Electrical Height:	112.5 Degrees
Above Insulator:	65.5 Mtrs (215 Ft)
Above Ground Level:	67.4 Mtrs (221 Ft)
Above Mean Sea Level:	263.7 Mtrs (865 Ft)
	Tower 3 (Daytime Only):
Electrical Height:	94.2 Degrees
Above Insulator:	54.9 Mtrs (180 Ft)
Above Ground Level:	56.1 Mtrs (184 Ft)
Above Mean Sea Level:	252.1 Mtrs (827 Ft)
	Tower 4 (Nighttime Only):
Electrical Height:	112.5 Degrees
Above Insulator:	65.5 Mtrs (215 Ft)
Above Ground Level:	67.7 Mtrs (222 Ft)
Above Mean Sea Level:	263.4 Mtrs (864 Ft)
Geographical Coordinates:	NL: 36 Deg 14 Min 11.9 Sec
(Center of Array)	WL: 95 Deg 57 Min 18.5 Sec
Ground System:	Towers 1 & 3: 120 # 10 SD copper wire radials about base of each tower spaced 3 degrees, 175 feet long buried 6-12 inches below grade level, except where intersecting with other towers. Where intersecting other towers, radials are bonded to copper strap.

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EXHIBIT E1-1, PAGE 2
DIRECTIONAL ANTENNA SPECIFICATIONS
RADIO STATION KTBZ
1430 KHZ, 5.0 KW, 25 KW-LS, DA-2
TULSA, OKLAHOMA

Ground System:
(Continued)

Towers 2 & 4:

120 # 10 SD copper wire radials about base of each tower spaced 3 degrees, 215 feet long buried 6-12 inches below grade level, except where intersecting with other towers or where foreshortened by property line. Where intersecting other towers, radials are bonded to copper strap.

Orientation & Spacing:
Daytime System:

Three towers referenced to Tower 1 as follows:

Twr 2: Spaced 287.7 Ft, (87.7 mtrs), (150.5 Deg) on a line bearing 171.0 Deg True

Twr 3: Spaced 539.6 Ft, (164.5 mtrs), (282.3 Deg) on a line bearing 171.0 Deg True

Nighttime System:

No change from presently licensed system

Theoretical Specifications:

DAYTIME ARRAY

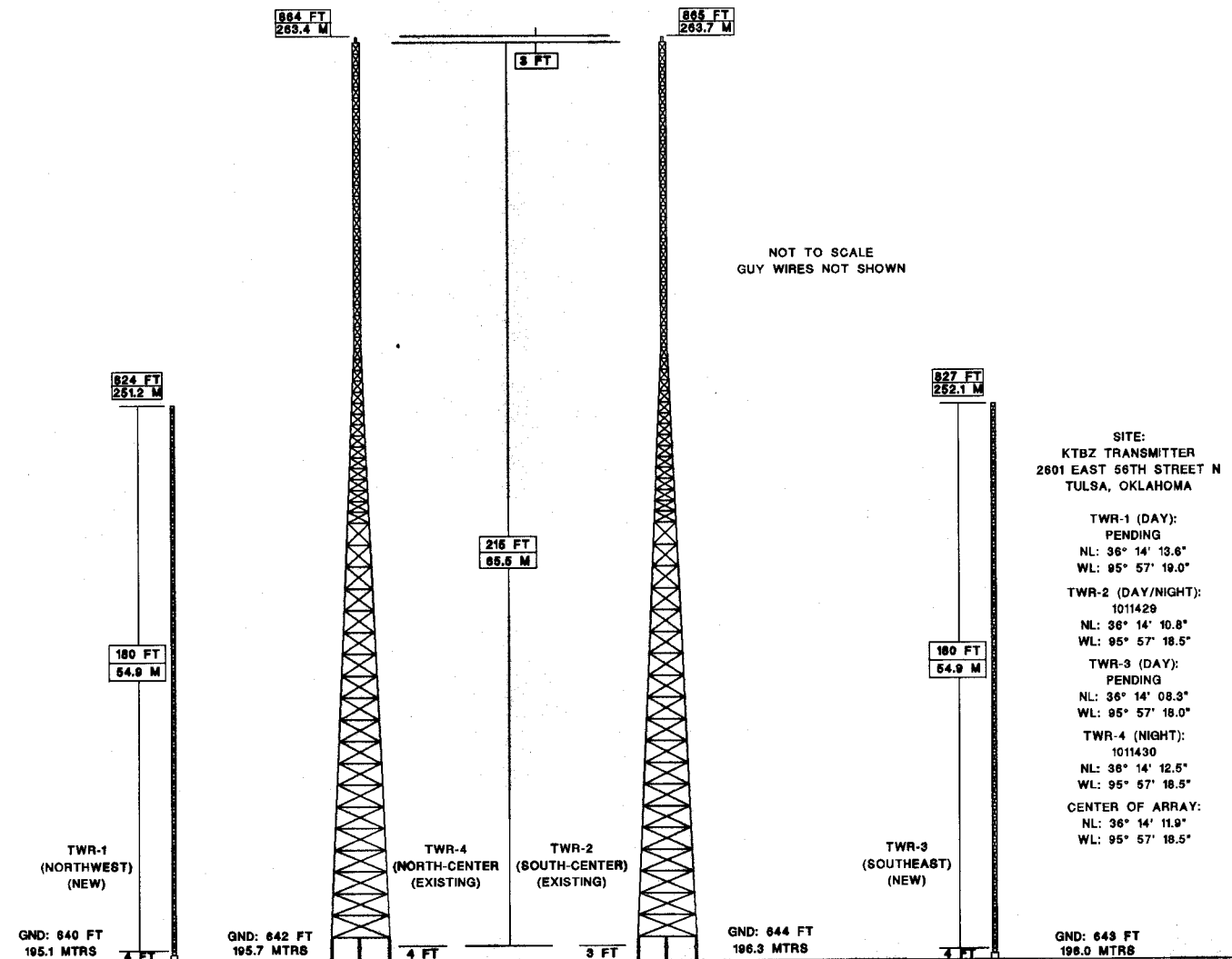
<u>TWR</u>	<u>RATIO</u>	<u>PHASE</u>
1	1.000	0.0°
2	0.838	-103.0°
3	0.413	+160.5°

POWER: 25.0 kW
RMS (Theo): 1575.50 mV/m
RMS (Std): 1655.11 mV/m
RSS: 1499.92 mV/m
Q: 50.0

Registration Numbers:

Tower 1 (Northwest)	Pending
Tower 2 (South Center)	10110429
Tower 3 (Southeast)	Pending
Tower 4 (North Center)	10110430

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SITE:
 KTBZ TRANSMITTER
 2801 EAST 56TH STREET N
 TULSA, OKLAHOMA

TWR-1 (DAY):
 PENDING

NL: 36° 14' 13.6"
 WL: 95° 57' 19.0"

TWR-2 (DAY/NIGHT):
 1011429

NL: 36° 14' 10.8"
 WL: 95° 57' 18.5"

TWR-3 (DAY):
 PENDING

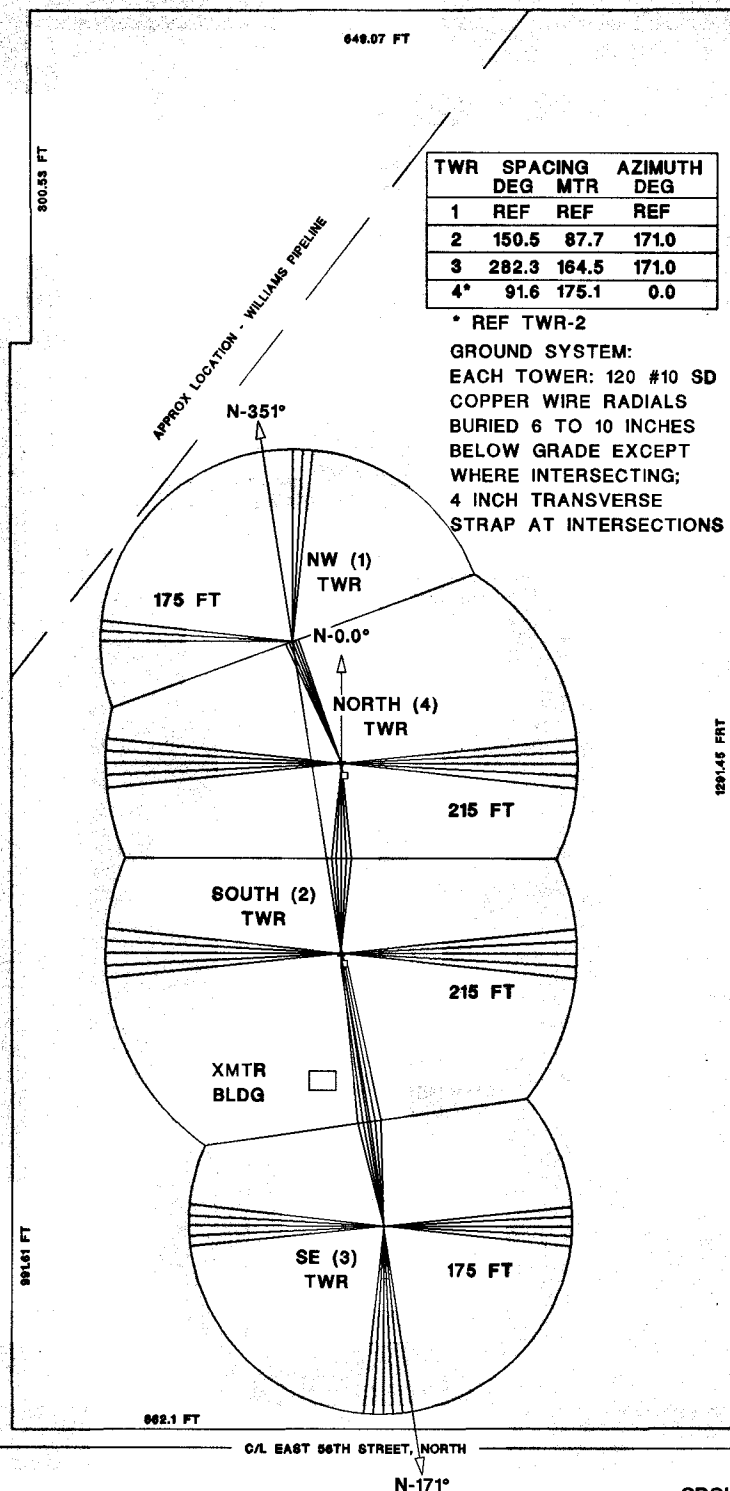
NL: 36° 14' 08.3"
 WL: 95° 57' 18.0"

TWR-4 (NIGHT):
 1011430

NL: 36° 14' 12.5"
 WL: 95° 57' 18.5"

CENTER OF ARRAY:
 NL: 36° 14' 11.9"
 WL: 95° 57' 18.5"

EXHIBIT E1-2
 VERTICAL SKETCH OF PROPOSED ANTENNA SYSTEM
 RADIO STATION KTBZ
 1430 KHZ, 5.0 KW, 25 KW-LS, DA-2
 TULSA, OKLAHOMA
 VIEW LOOKING EAST



DO NOT CONSTRUCT
FROM THIS DRAWING

GROUND SYSTEM LAYOUT

PROJ NO:

PREP:

20010917, JSS

CHK

SELLMEYER ENGINEERING

McKINNEY, TEXAS 75069

PLAT OF TRANSMITTER SITE
SHOWING EXISTING & PROPOSED ADDITIONAL TOWERS
RADIO STATION KTBZ
1430 KHZ, 5.0 KW, 25.0 KW-LS, DA-2
TULSA, OKLAHOMA

SIZE:

DWG NO:

EXHIBIT E1-3

SCALE:

SHEET: 1 OF 1

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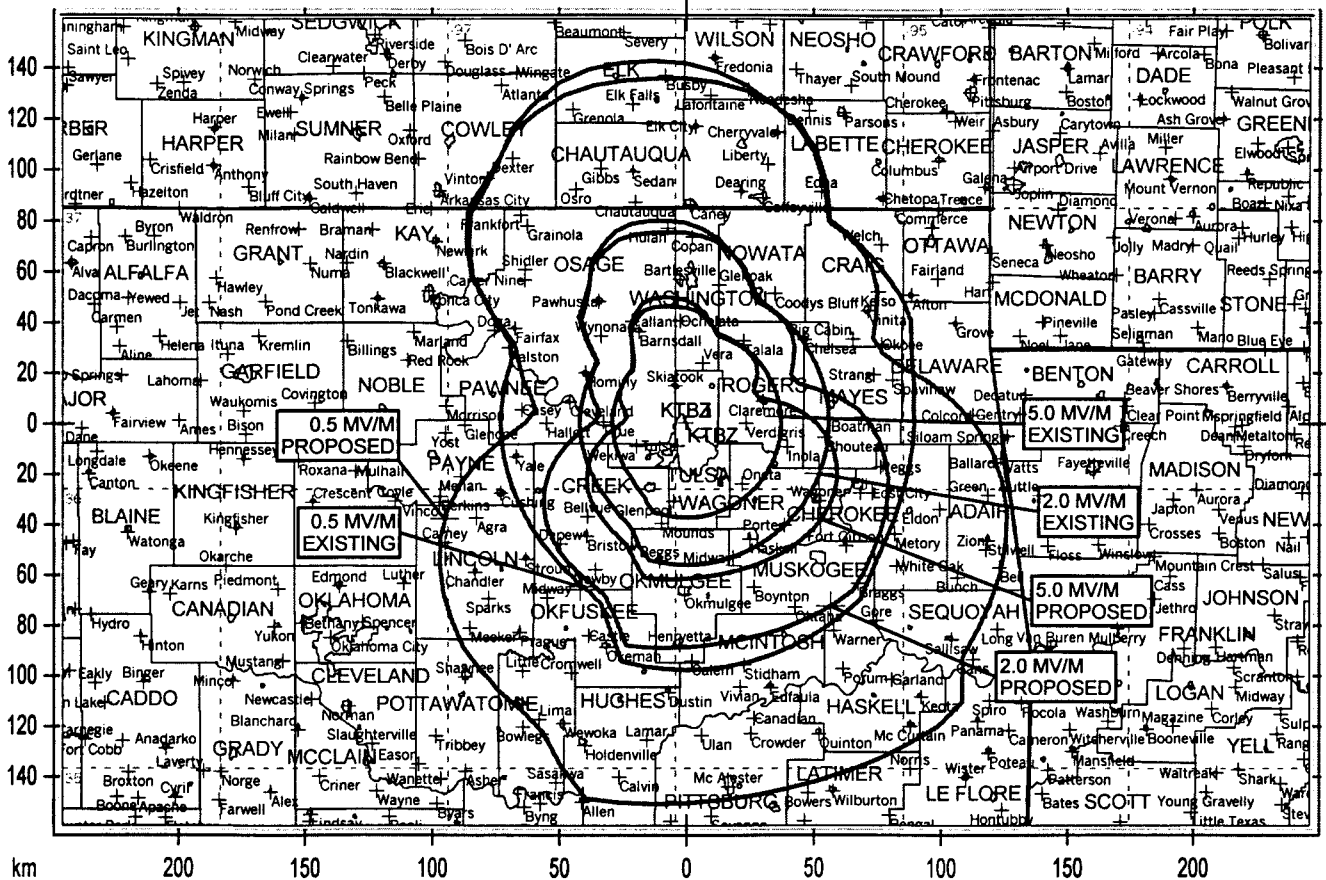
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EXHIBIT E1-4A
MAP SHOWING SERVICE CONTOURS
RADIO STATION KTBZ
1430 KHZ, 5.0 KW, 25 KW-LS, DA-2
TULSA, OKLAHOMA



SCALE: 1:3,000,000

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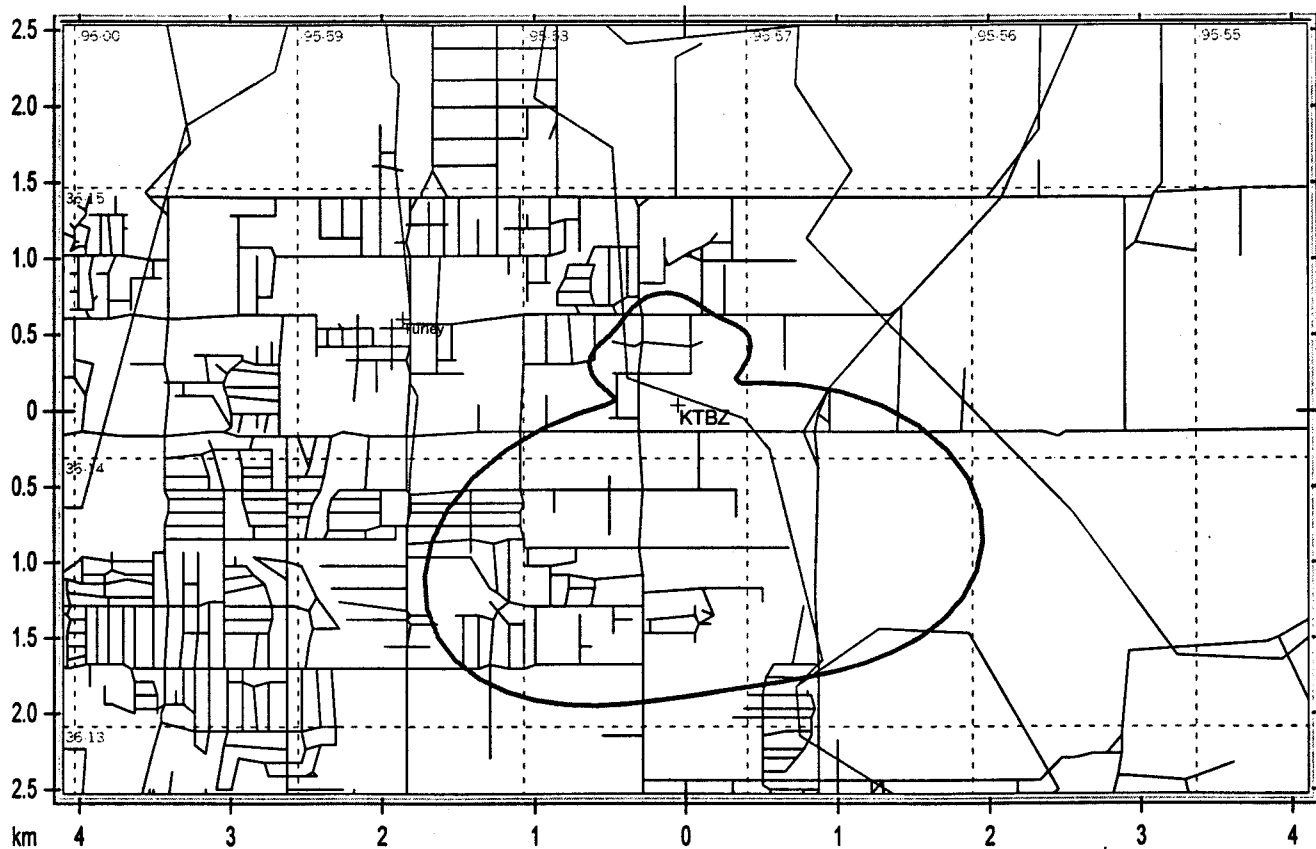
EXHIBIT E1-4B

MAP SHOWING 1000 MV/M CONTOUR

RADIO STATION KTBZ

1430 KHZ, 5.0 KW, 25 KW-LS, DA-2

TULSA, OKLAHOMA



SCALE: 1:50,000

SELLMEYER ENGINEERING

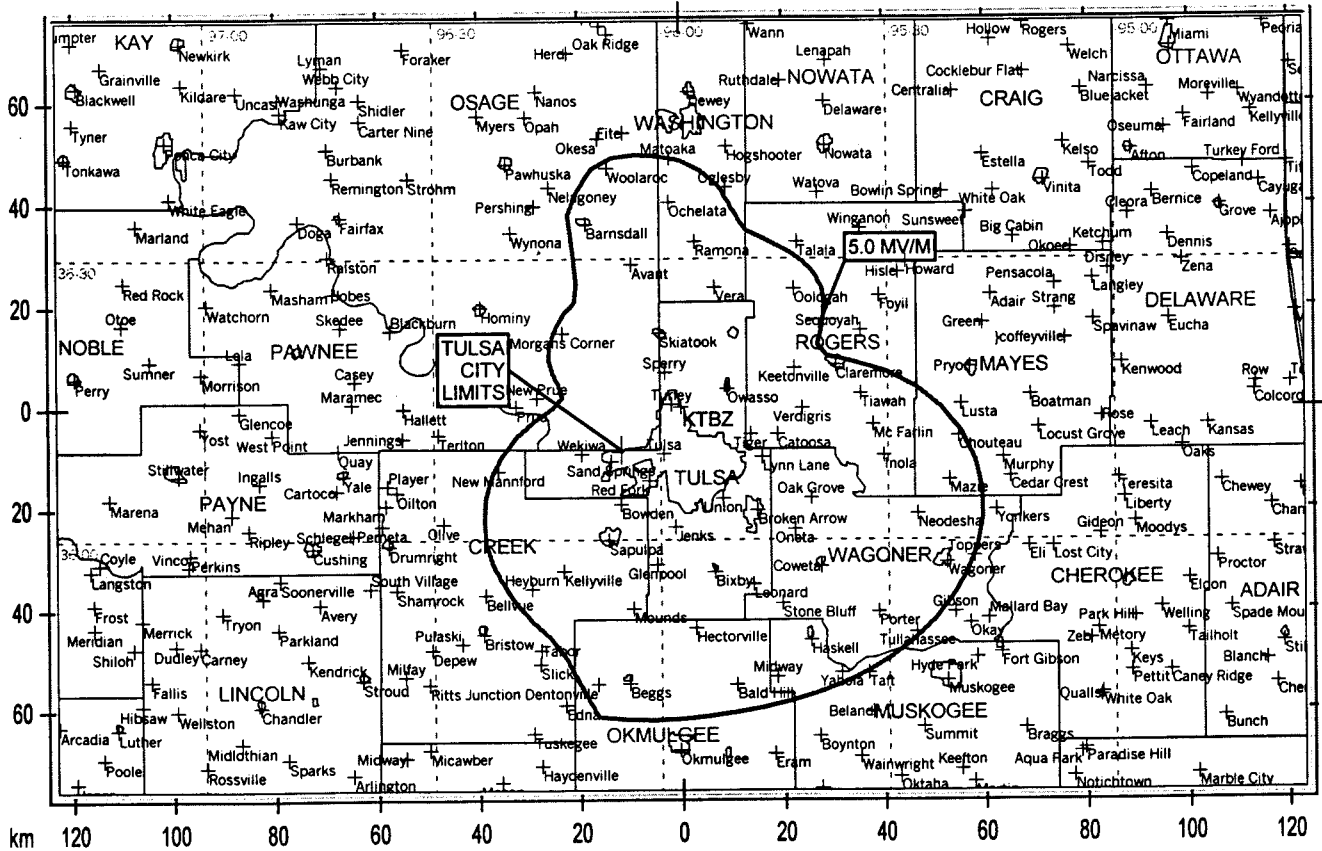
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EXHIBIT E1-4C
MAP SHOWING 5.0 MV/M CONTOUR
RADIO STATION KTBZ
1430 KHZ, 5.0 KW, 25 KW-LS, DA-2
TULSA, OKLAHOMA



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EXHIBIT E1-4D

TABULATION OF DISTANCES TO CONTOURS, EXISTING & PROPOSED

RADIO STATION KTBZ

1430 KHZ, 5.0 KW, 25 KW-LS, DA-2

TULSA, OKLAHOMA

TULSA, OK

1 TWR 5.0000 KW

Call: KTBZ (LICENSED FACILITY)

Coordinates: 36 14 11.90 95 57 18.50

Frequency: 1430 kHz Number of contours: 6

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers:					
		Contour levels in mV/m.					
		1000.000	5.000	2.000	0.500	0.250	0.025
0.0	716.40	0.69	46.10	75.58	136.46	175.74	347.42
5.0	716.40	0.69	44.95	74.43	135.31	174.59	346.27
10.0	716.40	0.69	43.37	72.85	133.73	173.01	325.52
15.0	716.40	0.69	41.15	70.63	131.51	166.55	312.25
20.0	716.40	0.69	37.88	67.36	128.24	158.08	303.77
25.0	716.40	0.69	37.59	62.37	120.77	150.57	296.26
30.0	716.40	0.69	37.59	56.42	111.93	141.73	287.42
35.0	716.40	0.69	37.59	56.42	98.25	128.05	273.74
40.0	716.40	0.69	37.59	56.42	98.25	128.05	273.74
45.0	716.40	0.69	37.59	56.42	98.25	128.05	273.74
50.0	716.40	0.69	37.59	56.42	98.25	128.05	264.66
55.0	716.40	0.69	37.59	56.42	98.25	128.05	254.18
60.0	716.40	0.69	37.59	56.42	98.25	127.16	251.73
65.0	716.40	0.69	37.59	56.42	98.17	121.78	246.35
70.0	716.40	0.69	37.59	56.42	94.52	118.13	242.70
75.0	716.40	0.69	37.59	56.42	92.21	115.82	240.38
80.0	716.40	0.69	37.59	56.42	91.25	114.86	239.42
85.0	716.40	0.69	37.59	56.42	90.51	114.12	238.69
90.0	716.40	0.69	37.59	56.42	89.95	113.56	238.13
95.0	716.40	0.69	37.59	56.42	89.81	113.42	237.98
100.0	716.40	0.69	37.59	56.42	89.83	113.44	238.01
105.0	716.40	0.69	37.59	56.42	89.99	113.60	238.17
110.0	716.40	0.69	37.59	56.42	90.30	113.90	238.47
115.0	716.40	0.69	37.59	56.42	90.75	114.36	244.22
120.0	716.40	0.69	37.59	56.42	91.71	115.32	248.13
125.0	716.40	0.69	37.59	56.42	92.96	116.57	251.70
130.0	716.40	0.69	37.59	56.42	94.99	118.60	256.57
135.0	716.40	0.69	37.59	56.42	98.25	122.49	265.87
140.0	716.40	0.69	37.59	56.42	98.25	128.05	272.08
145.0	716.40	0.69	37.59	56.42	98.25	128.05	273.74
150.0	716.40	0.69	37.59	56.42	98.25	128.05	273.74
155.0	716.40	0.69	37.59	56.42	98.25	128.05	270.55
160.0	716.40	0.69	37.59	56.42	98.25	128.05	268.01
165.0	716.40	0.69	37.59	56.42	98.25	128.05	275.42
170.0	716.40	0.69	37.59	56.42	98.25	128.05	274.82
175.0	716.40	0.69	37.59	56.42	98.25	128.05	274.07
180.0	716.40	0.69	37.59	56.42	98.25	128.05	273.74
185.0	716.40	0.69	37.59	56.42	98.25	128.05	273.74
190.0	716.40	0.69	37.59	56.42	98.25	128.05	273.74
195.0	716.40	0.69	37.59	56.42	98.25	128.05	273.74
200.0	716.40	0.69	37.59	51.27	83.65	113.45	259.15
205.0	716.40	0.69	34.91	47.79	78.81	104.83	259.47
210.0	716.40	0.69	32.89	45.77	76.79	100.41	257.77
215.0	716.40	0.69	31.60	44.48	75.49	99.10	256.04
220.0	716.40	0.69	30.73	43.60	74.62	98.23	253.58
225.0	716.40	0.69	30.10	42.98	74.00	97.60	251.51
230.0	716.40	0.69	29.65	42.53	73.54	97.15	248.98
235.0	716.40	0.69	29.31	42.18	73.20	96.81	239.41
240.0	716.40	0.69	29.04	41.92	72.94	96.54	242.09

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TULSA, OK

1 TWR 5.0000 KW

Call: KTBZ (LICENSED FACILITY)

Coordinates: 36 14 11.90 95 57 18.50

Frequency: 1430 kHz Number of contours: 6

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers:					
		Contour levels in mV/m.					
		1000.000	5.000	2.000	0.500	0.250	0.025
245.0	716.40	0.69	28.84	41.72	72.73	96.34	246.27
250.0	716.40	0.69	28.69	41.57	72.58	96.19	257.35
255.0	716.40	0.69	28.57	41.45	72.46	96.07	262.03
260.0	716.40	0.69	28.49	41.36	72.38	97.80	266.10
265.0	716.40	0.69	28.43	41.30	72.32	100.11	269.54
270.0	716.40	0.69	28.39	41.27	72.28	101.88	273.09
275.0	716.40	0.69	28.37	41.25	72.27	103.25	274.93
280.0	716.40	0.69	28.38	41.26	72.27	104.20	275.88
285.0	716.40	0.69	28.41	41.28	72.30	104.73	276.41
290.0	716.40	0.69	28.45	41.33	72.35	104.37	276.05
295.0	716.40	0.69	28.53	41.40	76.53	115.81	287.49
300.0	716.40	0.69	28.63	41.51	90.28	129.56	301.24
305.0	716.40	0.69	28.77	42.44	103.32	142.60	314.28
310.0	716.40	0.69	28.94	52.14	113.02	152.30	323.98
315.0	716.40	0.69	29.77	59.25	120.13	159.41	331.09
320.0	716.40	0.69	35.26	64.74	125.62	164.90	336.58
325.0	716.40	0.69	39.44	68.92	129.80	169.08	340.76
330.0	716.40	0.69	42.89	72.37	133.24	172.52	344.21
335.0	716.40	0.69	45.93	75.41	136.29	175.57	347.25
340.0	716.40	0.69	47.98	77.46	138.34	177.62	349.30
345.0	716.40	0.69	47.92	77.40	138.27	177.56	349.24
350.0	716.40	0.69	47.61	77.09	137.97	177.25	348.93
355.0	716.40	0.69	46.96	76.44	137.32	176.60	348.28

TULSA, OK

3 TWRs 25.0000 KW

Call: KTBZ (PROPOSED FACILITY)

Coordinates: 36 14 11.90 95 57 18.50

Frequency: 1430 kHz Number of contours: 6

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers:					
		Contour levels in mV/m.					
		1000.000	5.000	2.000	0.500	0.250	0.025
0.0	797.61	0.76	49.16	79.56	142.11	182.43	356.57
5.0	773.85	0.74	47.13	77.27	139.35	179.37	352.82
10.0	745.48	0.71	44.49	74.30	135.81	175.46	328.58
15.0	718.24	0.69	41.22	70.72	131.64	166.68	312.44
20.0	698.21	0.67	37.17	66.43	126.89	156.85	301.81
25.0	689.69	0.66	36.92	61.00	119.33	148.76	293.37
30.0	692.70	0.66	37.00	55.63	110.65	140.12	284.85
35.0	701.71	0.67	37.22	55.93	97.46	127.06	272.16
40.0	706.80	0.68	37.35	56.10	97.73	127.40	272.71
45.0	696.46	0.67	37.09	55.75	97.18	126.70	271.59
50.0	660.89	0.63	36.17	54.53	95.22	124.23	259.20
55.0	595.86	0.57	34.41	52.19	91.45	119.44	241.88
60.0	509.61	0.49	31.84	48.79	86.03	112.54	229.20
65.0	438.66	0.43	29.51	45.68	81.10	104.47	214.26
70.0	460.26	0.45	30.24	46.66	82.62	102.38	213.67
75.0	617.10	0.59	34.99	52.98	87.95	110.21	230.40
80.0	865.40	0.82	41.05	61.02	97.11	122.39	252.39
85.0	1155.58	1.09	46.74	68.24	106.13	134.15	272.07
90.0	1455.58	1.35	51.67	72.57	114.17	144.43	288.26
95.0	1742.80	1.60	55.78	76.58	121.23	153.26	301.48
100.0	2000.31	1.82	59.07	80.00	127.09	160.42	311.85

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TULSA, OK

3 TWS 25.0000 KW

Call: KTBZ (PROPOSED FACILITY)

Coordinates: 36 14 11.90 95 57 18.50

Frequency: 1430 kHz Number of contours: 6

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers:					
		Contour levels in mV/m.					
		1000.000	5.000	2.000	0.500	0.250	0.025
105.0	2216.14	2.00	61.62	82.82	131.75	166.09	319.78
110.0	2383.23	2.14	63.48	85.07	135.34	170.36	325.57
115.0	2499.31	2.23	64.72	86.84	137.99	173.46	328.75
120.0	2566.37	2.29	65.42	88.53	140.17	175.92	333.73
125.0	2589.86	2.31	65.67	90.04	141.85	179.56	337.33
130.0	2577.60	2.30	65.54	91.94	143.66	184.12	341.25
135.0	2538.74	2.27	65.14	93.73	151.59	193.92	349.17
140.0	2482.75	2.22	64.55	92.92	156.71	198.83	353.77
145.0	2418.61	2.17	63.86	91.98	155.25	197.14	354.47
150.0	2354.32	2.11	63.16	91.02	153.74	195.41	351.80
155.0	2296.53	2.07	62.52	90.14	152.37	193.82	346.69
160.0	2250.44	2.03	62.01	89.43	151.25	192.54	342.72
165.0	2219.74	2.00	61.66	88.95	150.50	191.65	350.31
170.0	2206.73	1.99	61.51	88.74	150.18	191.26	360.40
175.0	2212.33	2.00	61.58	88.83	150.32	191.43	369.73
180.0	2236.15	2.02	61.85	89.20	150.90	192.12	371.97
185.0	2276.45	2.05	62.30	89.83	151.88	193.27	372.21
190.0	2330.10	2.09	62.89	90.65	153.17	194.75	373.95
195.0	2392.51	2.15	63.58	91.59	154.64	196.44	375.50
200.0	2457.59	2.20	56.86	77.96	141.55	183.58	360.00
205.0	2517.88	2.25	53.85	75.10	134.28	176.53	366.04
210.0	2564.72	2.29	52.18	73.59	130.90	174.74	367.28
215.0	2588.75	2.31	51.07	72.57	128.66	173.73	367.67
220.0	2580.59	2.30	50.13	71.60	126.35	171.03	364.94
225.0	2531.77	2.26	49.14	70.44	124.06	167.48	360.26
230.0	2435.76	2.18	47.95	68.91	120.86	162.80	349.95
235.0	2289.06	2.06	46.46	66.88	116.63	158.07	330.80
240.0	2092.15	1.90	44.58	64.25	112.15	151.43	326.09
245.0	1850.15	1.69	42.26	60.95	106.65	144.72	320.40
250.0	1573.06	1.45	39.47	56.95	99.85	142.64	318.41
255.0	1275.81	1.19	36.17	52.23	91.68	132.15	306.58
260.0	978.54	0.93	32.40	46.87	82.26	117.61	289.95
265.0	708.69	0.68	28.30	41.12	72.00	99.45	268.71
270.0	508.14	0.49	24.54	35.93	62.85	83.44	244.94
275.0	431.49	0.42	22.84	33.60	58.80	78.04	233.06
280.0	475.83	0.46	23.84	34.97	61.19	81.22	241.93
285.0	562.75	0.54	25.66	37.46	65.53	90.33	256.24
290.0	638.34	0.61	27.11	39.46	69.03	97.41	266.48
295.0	685.67	0.66	28.01	40.68	74.24	113.15	283.82
300.0	705.14	0.68	28.44	41.24	89.45	128.60	299.91
305.0	704.86	0.68	28.57	41.86	102.47	141.61	312.92
310.0	696.07	0.67	28.60	51.10	111.51	150.55	321.56
315.0	689.70	0.66	28.73	57.89	118.14	157.10	327.91
320.0	693.30	0.66	34.35	63.56	123.90	162.90	333.83
325.0	709.05	0.68	39.15	68.55	129.25	168.45	339.89
330.0	734.10	0.70	43.57	73.25	134.52	174.02	346.26
335.0	762.76	0.73	47.70	77.71	139.57	179.45	352.57
340.0	788.97	0.75	50.73	81.03	143.41	183.62	357.51
345.0	807.80	0.77	51.34	81.86	144.60	185.05	359.48
350.0	816.08	0.78	51.32	81.94	144.84	185.39	360.06
355.0	812.49	0.77	50.55	81.12	143.96	184.46	359.03

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EXHIBIT E1-4E TABULATION OF CONDUCTIVITIES RADIO STATION KTBZ 1430 KHZ, 5.0 KW, 25 KW-LS, DA-2 TULSA, OKLAHOMA

Call: KTBZ

TULSA, OK

Coordinates: 36 14 11.90 95 57 18.50

Frequency: 1430 kHz

Azimuth	Radiation (mV/m at one km)	Ground Conductivity Data:							
		Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.							
0.0	797.61	15.0E	22.2	30.0E	408.3	15.0E	813.3	30.0E	825.9
5.0	773.85	15.0E	24.4	30.0E	543.6	15.0E	748.7	30.0E	890.7
10.0	745.48	15.0E	27.3	30.0E	207.2	15.0E	469.6	30.0E	518.1
15.0	718.24	15.0E	31.4	30.0E	152.2	15.0E	946.9	4.0E	1307.3
20.0	698.21	15.0E	37.1	30.0E	128.4	15.0E	802.2	8.0E	982.8
25.0	689.69	15.0E	45.8	30.0E	114.3	15.0E	749.6	8.0E	840.0
30.0	692.70	15.0E	60.5	30.0E	103.7	15.0E	662.0	8.0E	816.6
35.0	701.71	15.0E	650.9	8.0E	1056.9	15.0E	1137.2	8.0E	1307.3
40.0	706.80	15.0E	652.7	8.0E	995.7	15.0E	1022.8	8.0E	1179.6
45.0	696.46	15.0E	480.0	8.0E	1120.2	2.0E	1307.3		
50.0	660.89	15.0E	158.6	8.0E	178.3	15.0E	224.0	8.0E	639.5
55.0	595.86	15.0E	136.2	8.0E	551.9	15.0E	780.3	8.0E	1307.3
60.0	509.61	15.0E	123.6	8.0E	517.4	15.0E	708.5	8.0E	937.5
65.0	438.66	15.0E	97.9	8.0E	530.8	15.0E	614.7	8.0E	1307.3
70.0	460.26	15.0E	82.5	8.0E	1307.3				
75.0	617.10	15.0E	73.5	8.0E	845.2	4.0E	1307.3		
80.0	865.40	15.0E	69.9	8.0E	618.0	4.0E	658.2	8.0E	794.6
85.0	1155.58	15.0E	67.2	8.0E	601.3	4.0E	1307.3		
90.0	1455.58	15.0E	65.2	8.0E	595.7	4.0E	1307.3		
95.0	1742.80	15.0E	64.7	8.0E	603.7	4.0E	888.7	2.0E	1307.3
100.0	2000.31	15.0E	64.8	8.0E	630.2	4.0E	846.6	2.0E	1307.3
105.0	2216.14	15.0E	65.3	8.0E	659.3	4.0E	846.2	2.0E	904.3
110.0	2383.23	15.0E	66.4	8.0E	667.1	2.0E	856.2	4.0E	1307.3
115.0	2499.31	15.0E	68.1	8.0E	197.4	15.0E	256.0	4.0E	450.0
120.0	2566.37	15.0E	71.6	8.0E	178.9	15.0E	255.7	4.0E	479.9
125.0	2589.86	15.0E	76.3	8.0E	166.8	15.0E	255.8	4.0E	491.9
130.0	2577.60	15.0E	84.4	8.0E	153.5	15.0E	257.8	4.0E	506.9
135.0	2538.74	15.0E	101.2	8.0E	125.8	15.0E	260.6	4.0E	524.5
140.0	2482.75	15.0E	266.2	4.0E	556.7	8.0E	765.4	4.0E	826.4
145.0	2418.61	15.0E	278.1	4.0E	424.3	15.0E	492.8	4.0E	634.3
150.0	2354.32	15.0E	274.5	4.0E	391.4	8.0E	419.4	15.0E	611.1
155.0	2296.53	15.0E	259.0	4.0E	363.9	8.0E	610.3	15.0E	727.5
160.0	2250.44	15.0E	248.2	4.0E	348.2	8.0E	726.2	30.0E	739.7
165.0	2219.74	15.0E	259.5	30.0E	276.3	4.0E	340.7	8.0E	509.5
170.0	2206.73	15.0E	263.1	30.0E	311.7	4.0E	336.5	8.0E	495.7
175.0	2212.33	15.0E	270.4	30.0E	357.8	8.0E	484.6	4.0E	681.4
180.0	2236.15	15.0E	278.3	30.0E	423.1	8.0E	475.3	4.0E	678.2
185.0	2276.45	15.0E	288.8	30.0E	466.4	15.0E	517.3	4.0E	616.8
190.0	2330.10	15.0E	293.4	30.0E	453.8	15.0E	548.8	30.0E	625.7
195.0	2392.51	15.0E	289.6	30.0E	363.5	15.0E	589.1	8.0E	708.6
200.0	2457.59	15.0E	40.0	8.0E	77.7	15.0E	287.6	30.0E	326.3
205.0	2517.88	15.0E	29.6	8.0E	92.8	15.0E	185.8	30.0E	338.1
210.0	2564.72	15.0E	23.7	8.0E	100.3	15.0E	165.5	30.0E	351.8
215.0	2588.75	15.0E	19.8	8.0E	105.1	15.0E	156.5	30.0E	372.2
220.0	2580.59	15.0E	17.2	8.0E	109.6	15.0E	156.0	30.0E	471.6
225.0	2531.77	15.0E	15.3	8.0E	111.6	15.0E	160.3	30.0E	311.1
230.0	2435.76	15.0E	13.8	8.0E	113.8	15.0E	167.4	30.0E	292.5
235.0	2289.06	15.0E	12.7	8.0E	115.4	15.0E	168.6	30.0E	177.7
240.0	2092.15	15.0E	11.8	8.0E	117.9	15.0E	160.3	30.0E	194.5
245.0	1850.15	15.0E	11.2	8.0E	117.0	30.0E	122.3	15.0E	154.8
250.0	1573.06	15.0E	10.7	8.0E	106.7	30.0E	221.4	15.0E	425.9

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Frequency: 1430 kHz

Azimuth	Radiation (mV/m at one km)	Ground Conductivity Data:							
		Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.							
255.0	1275.81	15.0E	10.3	8.0E	98.8	30.0E	228.9	15.0E	443.4
260.0	978.54	15.0E	10.0	8.0E	92.9	30.0E	238.8	15.0E	457.5
265.0	708.69	15.0E	9.7	8.0E	89.1	30.0E	251.5	15.0E	367.1
270.0	508.14	15.0E	9.6	8.0E	86.2	30.0E	268.4	15.0E	356.3
275.0	431.49	15.0E	9.6	8.0E	84.1	30.0E	292.1	15.0E	359.6
280.0	475.83	15.0E	9.6	8.0E	82.7	30.0E	329.1	15.0E	362.8
285.0	562.75	15.0E	9.7	8.0E	82.0	30.0E	485.0	15.0E	815.3
290.0	638.34	15.0E	9.8	8.0E	82.6	30.0E	451.9	15.0E	1307.3
295.0	685.67	15.0E	10.1	8.0E	67.3	30.0E	428.5	15.0E	1307.3
300.0	705.14	15.0E	10.5	8.0E	52.5	30.0E	452.6	15.0E	1307.3
305.0	704.86	15.0E	10.9	8.0E	41.0	30.0E	500.6	15.0E	795.9
310.0	696.07	15.0E	11.5	8.0E	33.6	30.0E	537.8	15.0E	787.1
315.0	689.70	15.0E	12.3	8.0E	28.7	30.0E	581.7	15.0E	762.2
320.0	693.30	15.0E	13.3	8.0E	25.2	30.0E	638.6	15.0E	741.4
325.0	709.05	15.0E	14.2	8.0E	22.7	30.0E	687.1	4.0E	931.7
330.0	734.10	15.0E	15.4	8.0E	20.7	30.0E	400.3	15.0E	437.4
335.0	762.76	15.0E	16.9	8.0E	19.2	30.0E	364.5	15.0E	502.7
340.0	788.97	15.0E	18.3	30.0E	360.6	15.0E	604.9	30.0E	653.1
345.0	807.80	15.0E	18.5	30.0E	364.0	15.0E	502.0	30.0E	568.8
350.0	816.08	15.0E	19.1	30.0E	372.4	15.0E	485.2	30.0E	581.2
355.0	812.49	15.0E	20.5	30.0E	384.1	15.0E	496.7	30.0E	554.4