

MINOR CHANGE APPLICATION
EMMIS AUSTIN RADIO BROADCASTING COMPANY, L.P.
KROX-FM RADIO STATION
CH 268C2 - 101.5 MHZ - 12.5 KW
BUDA, TEXAS
August 2009

EXHIBIT A

§73.215 Compliance

The proposed KROX-FM antenna location is shortspaced to the authorized facilities of KLTD, Channel 269C3, Temple, Texas. The distance between the stations is shown on Exhibit A1. Emmis proposes to use the provisions of §73.215 of the Commission's rules to address the shortspaced situation. The shortage complies with §73.215(e) of the Commission's rules.

Exhibit A2 demonstrates that there will be no prohibited overlap between the proposed KROX-FM and the authorized KLTD. The contours of KLTD are based on 25.0 kilowatts effective radiated power at a height above average terrain (HAAT) of 100.0 meters.¹ Attached as Exhibits A3 and A4 are the tabulated distances to the protected and interfering contours, along the pertinent arcs of the proposed KROX-FM and KLTD. Further, attached as Exhibit A5 is the tabulated and protected contours of the proposed facility, in 10 degree increments. Again, there is no prohibited overlap between the facilities.

1) The center of radiation of KLTD was lowered to bring the height above average terrain ("HAAT") to 100.0 meters and power raised to 25.0 kilowatts for §73.215 review.

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EXHIBIT A1

Clearance Study for KROX-FM Buda, Texas
Using Proposed Site as Reference

REFERENCE	CLASS = C2 Int = B	DISPLAY DATES
30 19 20.0 N.	Current Spacings to 3rd Adj.	DATA 08-19-09
97 48 03.0 W.	Channel 268 - 101.5 MHz	SEARCH 08-19-09

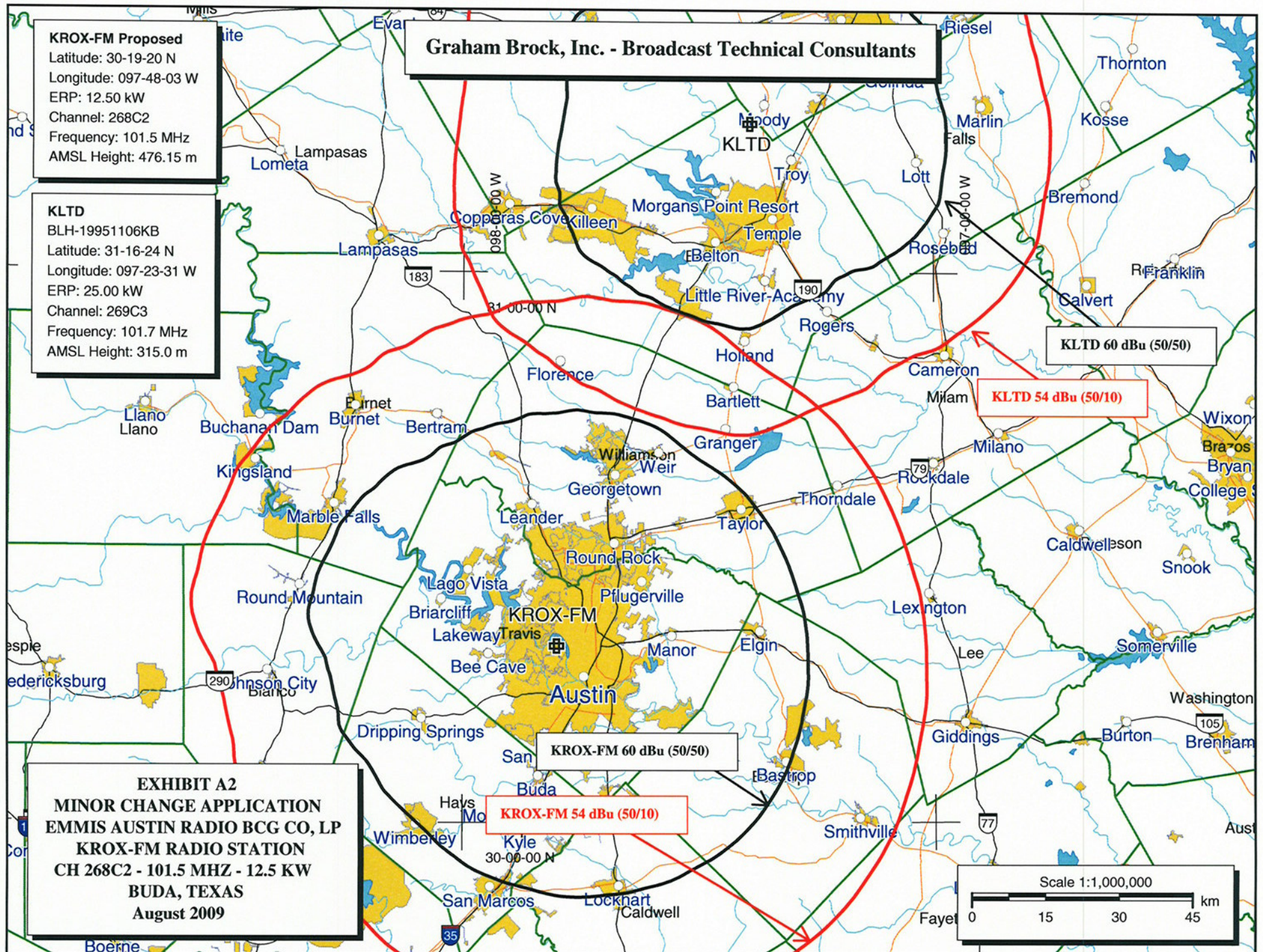
Call	Channel	Location	Azt	Dist	FCC	Margin
Lat.	Lng.	Power	HAAT			
KROX-FM	LIC-N 268C2	Buda	TX 55.2	0.2	190.0	-189.8
	30 19 23.0	97 47 58.0 NC	12.500 kW	257 M		
	Emmis Austin Radio Broadcast BLH-19991202ABX					
 * KLTD	LIC 269C3	Temple	TX 20.2	112.5	117.0	-4.5
	31 16 24.0	97 23 31.0 CN	25.000 kW	125 M		
	Cumulus Licensing LLC BLH-19951106KB					
KFGG-LP	LIC 270L1	Marble Falls	TX 303.6	54.3	53.0	1.3
	30 35 31.0	98 16 23.0	0.100 kW	24 M		
	Burnet Bible Church BLL-20040206AAY					
NEW	CP 269C3	Mason	TX 287.4	143.7	117.0	26.7
	30 42 03.0	99 13 59.0 CX	8.200 kW	172 M		
	Munbilla Broadcasting Prop. BNPB-20070430CGN					
KOXE	LIC 267C1	Brownwood	TX 323.7	194.6	158.0	36.6
	31 43 45.0	99 01 12.0 C	100.000 kW	176 M		
	Brown County Broadcasting BMLH-20080721ABA					
KQXT-FM	LIC 270C1	San Antonio	TX 213.4	120.0	79.0	41.0
	29 25 06.0	98 29 01.0 CX	100.000 kW	202 M		
	CCB Texas Licenses, Inc. BLH-20070817ACA					
AL5716	AL 268C	Jiminez	CI 244.1	311.2	270.0	41.2
	29 04 16.0	100 40 45.0	100.000 kW	600 M		
KCYR-LP	LIC 268L1	Kerrville	TX 257.8	133.5	91.0	42.5
	30 03 46.0	99 09 17.0	0.100 kW 1 M			
	Trinity Baptist Church BLL-20040205AAF					
KONO-FM	LIC 266C1	Helotes	TX 225.3	125.6	79.0	46.6
	29 31 25.0	98 43 25.0 C	98.000 kW	302 M		
	Cox Radio, Inc. BMLH-20001010ACP					
KYFS	LIC-D 215C1	San Antonio	TX 210.7	83.8	27.0	56.9
	29 40 20.0	98 14 43.0 DCN	100.000 kW	145 M		
	Bible Broadcasting Network BLED-19941102KA					
KACQ	LIC 270A	Lometa	TX 334.2	113.6	55.0	58.6
	31 14 33.0	98 19 19.0 CN	6.000 kW	100 M		
	Debra L. Witcher BLH-19950623KB					

* Note : This shortage is address under \$73.215 of the rules, see Exhibit A.

Graham Brock, Inc. - Broadcast Technical Consultants

KROX-FM Proposed
Latitude: 30-19-20 N
Longitude: 097-48-03 W
ERP: 12.50 kW
Channel: 268C2
Frequency: 101.5 MHz
AMSL Height: 476.15 m

KLTD
BLH-19951106KB
Latitude: 31-16-24 N
Longitude: 097-23-31 W
ERP: 25.00 kW
Channel: 269C3
Frequency: 101.7 MHz
AMSL Height: 315.0 m



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EXHIBIT A3

KROX-FM - Proposed
Channel = 268C2
Max ERP = 12.5 kW
RCAMSL = 476.15 M
N. Lat = 30 19 20
W. Lng = 97 48 03

KLTD - BLH-19951106KB
Channel = 269C3
Max ERP = 25 kW
RCAMSL = 315 M
N. Lat = 31 16 24
W. Lng = 97 23 31

Protected
60 dBu

Interfering
54 dBu

30 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
003.0	012.5000	0233.8	047.5	212.2	025.0000	0112.1	068.6	52.0
004.0	012.5000	0236.5	047.7	211.7	025.0000	0112.1	068.0	52.2
005.0	012.5000	0238.1	047.8	211.1	025.0000	0110.6	067.5	52.3
006.0	012.5000	0237.8	047.8	210.4	025.0000	0109.4	067.2	52.3
007.0	012.5000	0237.2	047.7	209.7	025.0000	0109.4	066.9	52.4
008.0	012.5000	0236.6	047.7	209.1	025.0000	0109.2	066.6	52.5
009.0	012.5000	0236.2	047.7	208.4	025.0000	0109.4	066.4	52.6
010.0	012.5000	0237.2	047.7	207.7	025.0000	0109.4	066.0	52.7
011.0	012.5000	0239.2	047.9	207.1	025.0000	0109.8	065.7	52.8
012.0	012.5000	0240.9	048.0	206.4	025.0000	0110.1	065.3	52.9
013.0	012.5000	0243.0	048.2	205.7	025.0000	0110.1	065.0	53.0
014.0	012.5000	0244.6	048.3	205.0	025.0000	0110.2	064.7	53.1
015.0	012.5000	0245.5	048.3	204.3	025.0000	0110.1	064.5	53.2
016.0	012.5000	0245.6	048.3	203.5	025.0000	0110.1	064.3	53.2
017.0	012.5000	0245.7	048.3	202.8	025.0000	0110.1	064.2	53.3
018.0	012.5000	0245.9	048.4	202.0	025.0000	0110.0	064.1	53.3
019.0	012.5000	0246.4	048.4	201.3	025.0000	0109.7	064.1	53.3
020.0	012.5000	0247.0	048.4	200.5	025.0000	0109.7	064.0	53.3
021.0	012.5000	0247.9	048.5	199.8	025.0000	0109.7	063.9	53.3
022.0	012.5000	0248.4	048.5	199.0	025.0000	0109.8	063.9	53.3
023.0	012.5000	0248.5	048.5	198.3	025.0000	0109.8	064.0	53.3
024.0	012.5000	0248.4	048.5	197.5	025.0000	0109.8	064.1	53.3
025.0	012.5000	0248.0	048.5	196.8	025.0000	0109.8	064.2	53.2
026.0	012.5000	0247.2	048.5	196.0	025.0000	0110.0	064.4	53.2
027.0	012.5000	0245.8	048.4	195.3	025.0000	0110.7	064.7	53.2
028.0	012.5000	0243.9	048.2	194.6	025.0000	0110.7	065.0	53.1
029.0	012.5000	0241.9	048.1	193.9	025.0000	0111.4	065.3	53.0
030.0	012.5000	0239.8	047.9	193.3	025.0000	0111.8	065.7	52.9
031.0	012.5000	0237.9	047.8	192.6	025.0000	0111.8	066.1	52.8
032.0	012.5000	0236.4	047.7	192.0	025.0000	0111.9	066.5	52.7
033.0	012.5000	0235.2	047.6	191.3	025.0000	0111.8	066.8	52.5
034.0	012.5000	0234.1	047.5	190.7	025.0000	0111.8	067.2	52.4
035.0	012.5000	0233.4	047.5	190.1	025.0000	0111.7	067.6	52.3
036.0	012.5000	0233.3	047.5	189.4	025.0000	0111.7	068.0	52.2
037.0	012.5000	0233.5	047.5	188.8	025.0000	0111.7	068.3	52.1
038.0	012.5000	0234.2	047.5	188.2	025.0000	0112.0	068.7	52.0

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EXHIBIT A4

KLTD - BLH-19951106KB
Channel = 269C3
Max ERP = 25 kW
RCAMSL = 315 M
N. Lat = 31 16 24
W. Lng = 97 23 31

KROX-FM - Proposed
Channel = 268C2
Max ERP = 12.5 kW
RCAMSL = 476.15 M
N. Lat = 30 19 20
W. Lng = 97 48 03

Protected
60 dBu

Interfering
54 dBu

30 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
183.0	025.0000	0115.4	041.4	029.8	012.5000	0239.8	074.0	53.0
184.0	025.0000	0114.8	041.3	029.3	012.5000	0241.9	073.8	53.1
185.0	025.0000	0114.0	041.2	028.7	012.5000	0241.9	073.6	53.2
186.0	025.0000	0113.2	041.1	028.2	012.5000	0243.9	073.4	53.3
187.0	025.0000	0112.5	041.0	027.6	012.5000	0243.9	073.2	53.4
188.0	025.0000	0112.0	040.9	027.1	012.5000	0245.8	073.0	53.5
189.0	025.0000	0111.7	040.9	026.6	012.5000	0245.8	072.9	53.5
190.0	025.0000	0111.7	040.9	026.0	012.5000	0247.2	072.7	53.7
191.0	025.0000	0111.8	040.9	025.5	012.5000	0248.0	072.4	53.8
192.0	025.0000	0111.9	040.9	024.9	012.5000	0248.0	072.3	53.8
193.0	025.0000	0111.8	040.9	024.4	012.5000	0248.4	072.1	53.9
194.0	025.0000	0111.4	040.8	023.8	012.5000	0248.4	072.0	53.9
195.0	025.0000	0110.7	040.7	023.3	012.5000	0248.5	072.0	53.9
196.0	025.0000	0110.0	040.6	022.7	012.5000	0248.5	072.0	53.9
197.0	025.0000	0109.8	040.6	022.1	012.5000	0248.4	072.0	53.9
198.0	025.0000	0109.8	040.6	021.6	012.5000	0248.4	071.9	53.9
199.0	025.0000	0109.8	040.6	021.0	012.5000	0247.9	071.9	53.9
200.0	025.0000	0109.7	040.6	020.5	012.5000	0247.0	071.9	53.9
201.0	025.0000	0109.7	040.6	019.9	012.5000	0247.0	071.9	53.9
202.0	025.0000	0110.0	040.6	019.3	012.5000	0246.4	071.9	53.9
203.0	025.0000	0110.1	040.7	018.8	012.5000	0246.4	071.9	53.9
204.0	025.0000	0110.1	040.7	018.2	012.5000	0245.9	072.0	53.8
205.0	025.0000	0110.2	040.7	017.7	012.5000	0245.9	072.0	53.8
206.0	025.0000	0110.1	040.7	017.1	012.5000	0245.7	072.1	53.8
207.0	025.0000	0109.8	040.6	016.6	012.5000	0245.7	072.3	53.7
208.0	025.0000	0109.4	040.6	016.0	012.5000	0245.6	072.5	53.7
209.0	025.0000	0109.2	040.5	015.5	012.5000	0245.5	072.7	53.6
210.0	025.0000	0109.4	040.6	014.9	012.5000	0245.5	072.8	53.5
211.0	025.0000	0110.6	040.7	014.4	012.5000	0244.6	072.8	53.5
212.0	025.0000	0112.1	040.9	013.8	012.5000	0244.6	072.8	53.5
213.0	025.0000	0113.2	041.1	013.2	012.5000	0243.0	072.9	53.4
214.0	025.0000	0113.4	041.1	012.7	012.5000	0243.0	073.2	53.3
215.0	025.0000	0113.1	041.1	012.2	012.5000	0240.9	073.5	53.2
216.0	025.0000	0112.9	041.1	011.7	012.5000	0240.9	073.8	53.1

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EXHIBIT A5

Predicted contour:

N. Lat. = 30 19 20 - Tabulated Protected and Interfering Contour Data
W. Lng. = 97 48 03 - KROX Radio station - Buda, Texas

HAAT and Distance to Contour - NGDC 30 Second terrain database								
Azi.	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1
000	228.0	12.5000	10.97	1.000	47.07	116.97	69.62	4.85
010	238.6	12.5000	10.97	1.000	47.84	118.17	70.75	4.93
020	248.2	12.5000	10.97	1.000	48.52	119.27	71.72	5.00
030	240.7	12.5000	10.97	1.000	47.99	118.41	70.97	4.95
040	237.6	12.5000	10.97	1.000	47.77	118.06	70.65	4.92
050	254.2	12.5000	10.97	1.000	48.95	119.96	72.32	5.05
060	262.5	12.5000	10.97	1.000	49.55	120.93	73.12	5.11
070	268.1	12.5000	10.97	1.000	49.94	121.56	73.64	5.16
080	277.0	12.5000	10.97	1.000	50.57	122.60	74.47	5.23
090	285.5	12.5000	10.97	1.000	51.17	123.59	75.26	5.29
100	295.5	12.5000	10.97	1.000	51.85	124.73	76.19	5.36
110	304.8	12.5000	10.97	1.000	52.47	125.79	77.08	5.42
120	317.4	12.5000	10.97	1.000	53.30	127.35	78.30	5.49
130	324.1	12.5000	10.97	1.000	53.74	128.26	78.96	5.52
140	322.2	12.5000	10.97	1.000	53.62	128.00	78.78	5.51
150	313.0	12.5000	10.97	1.000	53.01	126.77	77.87	5.46
160	300.6	12.5000	10.97	1.000	52.19	125.31	76.67	5.39
170	287.3	12.5000	10.97	1.000	51.29	123.79	75.42	5.31
180	275.7	12.5000	10.97	1.000	50.49	122.46	74.36	5.22
190	256.8	12.5000	10.97	1.000	49.14	120.26	72.56	5.07
200	245.3	12.5000	10.97	1.000	48.32	118.94	71.44	4.98
210	225.0	12.5000	10.97	1.000	46.85	116.63	69.29	4.82
220	209.3	12.5000	10.97	1.000	45.66	114.81	67.49	4.68
230	211.1	12.5000	10.97	1.000	45.80	115.02	67.70	4.69
240	206.4	12.5000	10.97	1.000	45.44	114.47	67.16	4.65
250	227.6	12.5000	10.97	1.000	47.04	116.93	69.58	4.84
260	218.4	12.5000	10.97	1.000	46.35	115.87	68.55	4.76
270	247.7	12.5000	10.97	1.000	48.49	119.22	71.68	5.00
280	280.9	12.5000	10.97	1.000	50.85	123.05	74.83	5.26
290	273.2	12.5000	10.97	1.000	50.30	122.16	74.12	5.20
300	269.7	12.5000	10.97	1.000	50.06	121.76	73.80	5.17
310	251.2	12.5000	10.97	1.000	48.74	119.62	72.02	5.02
320	232.2	12.5000	10.97	1.000	47.37	117.44	70.07	4.88
330	218.6	12.5000	10.97	1.000	46.37	115.89	68.57	4.76
340	218.6	12.5000	10.97	1.000	46.37	115.89	68.57	4.76
350	220.3	12.5000	10.97	1.000	46.49	116.09	68.76	4.78

AMSL= 476.15 M