

Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 30

Bartlett, TN

Channel Study

REFERENCE		CH# 235C3- 94.9 MHz, Pwr= 10.6 kW, HAAT= 126.5 M, COR= 215 M							DISPLAY DATES	
35 12 41.0 N.		Average Protected F(50-50)= 35.9 km							DATA	03-13-09
89 48 54.0 W.		73.215 Omni-directional							SEARCH	03-16-09
CH	CALL	TYPE ANT	AZI.	DIST	LAT.	Pwr(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE	<--	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap	in km)
235A WKVF		LIC NCX	159.2	34.0	34 55 30.0	4.100	9.2	43.1	118.5R	-84.5M
Byhalia		MS	339.3	BLHD20021030AAV	89 40 57.0	106	220	Educational Media Foundati		
*235A WGCQ		LIC ZCN	24.7	73.6	35 48 47.0	6.000	9.2	43.1	118.5R	-44.9M
Ripley		TN	204.9	BLHD20021002ABJ	89 28 26.0	100	206	Educational Media Foundati		
*234A KKLTV		LIC C	282.3	47.6	35 18 04.0	6.000	9.2	43.1	71.5R	-23.9M
Turrell		AR	102.0	BMLHD20001128ABC	90 19 34.0	100	165	Educational Media Foundati		
235C KHLR^		LIC CY	249.4	235.8	34 26 31.0	100.000	198.3	92.1	0.1	41.5
Maumelle		AR	68.0	BLH19920326KC	92 13 03.0	600	684	Cc Licenses, Llc		
234A WOJG^		LIC CN	84.5	81.1	35 16 39.0	6.000	44.2	28.6	3.0	0.5
Bolivar		TN	265.0	BLH19920807KB	88 55 41.0	100	230	Johnny W. Shaw & Opal J. S		
237A WVIM-FM«		LIC NCX	200.2	47.9	34 48 22.0	3.400	9.2	43.1	41.5R	6.4M
Coldwater		MS	20.1	BMLH20070910ACT	89 59 47.0	134	217	Memphis First Ventures, L.		
*234A KKLTV.P«		PRO	296.2	108.8	35 38 15.0	5.700	9.2	43.1	88.5R	20.3M
Weiner		AR	115.5		90 53 38.0	77	148	Educational Media Foundati		
237A WTBG«		LIC NCX	49.4	68.0	35 36 30.0	5.000	9.2	43.1	41.5R	26.5M
Brownsville		TN	229.7	BLH20050224AAI	89 14 40.0	46	154	Wireless Group, Inc.		
235C3 WMSR-FM«		LIC ZC	95.7	186.1	35 01 46.0	7.700	9.2	43.1	152.5R	33.6M
Collinwood		TN	276.8	BLH19990226KB	87 47 07.0	181	414	Urban Radio Licenses, Llc		
235L1 WKIU-LP«		LIC	135.8	146.4	34 15 43.0	0.089	18.4	5.6	77.5R	68.9M
Tupelo		MS	316.4	BLL20021220AEA	88 42 15.0	32	128	Tupelo 2000, Inc.		
236C3 WCDZ«		LIC NCX	41.2	156.2	36 15 50.0	21.500	9.2	43.1	98.5R	57.8M
Dresden		TN	221.8	BLH20050118AJW	88 40 03.0	84	208	Thunderbolt Broadcasting C		
233C3 KJIW-FM«		LIC NC	223.2	104.5	34 31 28.0	14.000	9.2	43.1	42.5R	62.0M
Helena		AR	42.8	BLH19991201ABK	90 35 47.0	126	180	Elijah Mondy, jr.		
235C2 WKOR-FM«		LIC CN	143.3	239.0	33 28 38.0	50.000	9.2	43.1	176.5R	62.5M
Columbus		MS	324.2	BLH19930208KI	88 16 25.0	150	226	Cumulus Licensing Llc		
238A WOXD«		LIC CN	165.2	104.3	34 18 10.0	6.000	9.2	43.1	41.5R	62.8M
Oxford		MS	345.3	BLH19990203KE	89 31 25.0	100	222	Taylor Communications, Inc		
236C1 KAMS«		LIC CN	316.1	207.9	36 32 49.0	100.000	9.2	43.1	143.5R	64.4M
Mammoth Spring		AR	135.1	BLH19881108KC	91 25 47.0	198	418	E-communications, Llc		

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
Contour distances are on direct line to and from reference station. Reference Zone = 2, Co to 3rd adjacent.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside protected contour.
« = Station meets FCC minimum distance spacing for its class.
^ = Power and antenna height 'Max classed' as per Sec 73.215 protection requirements

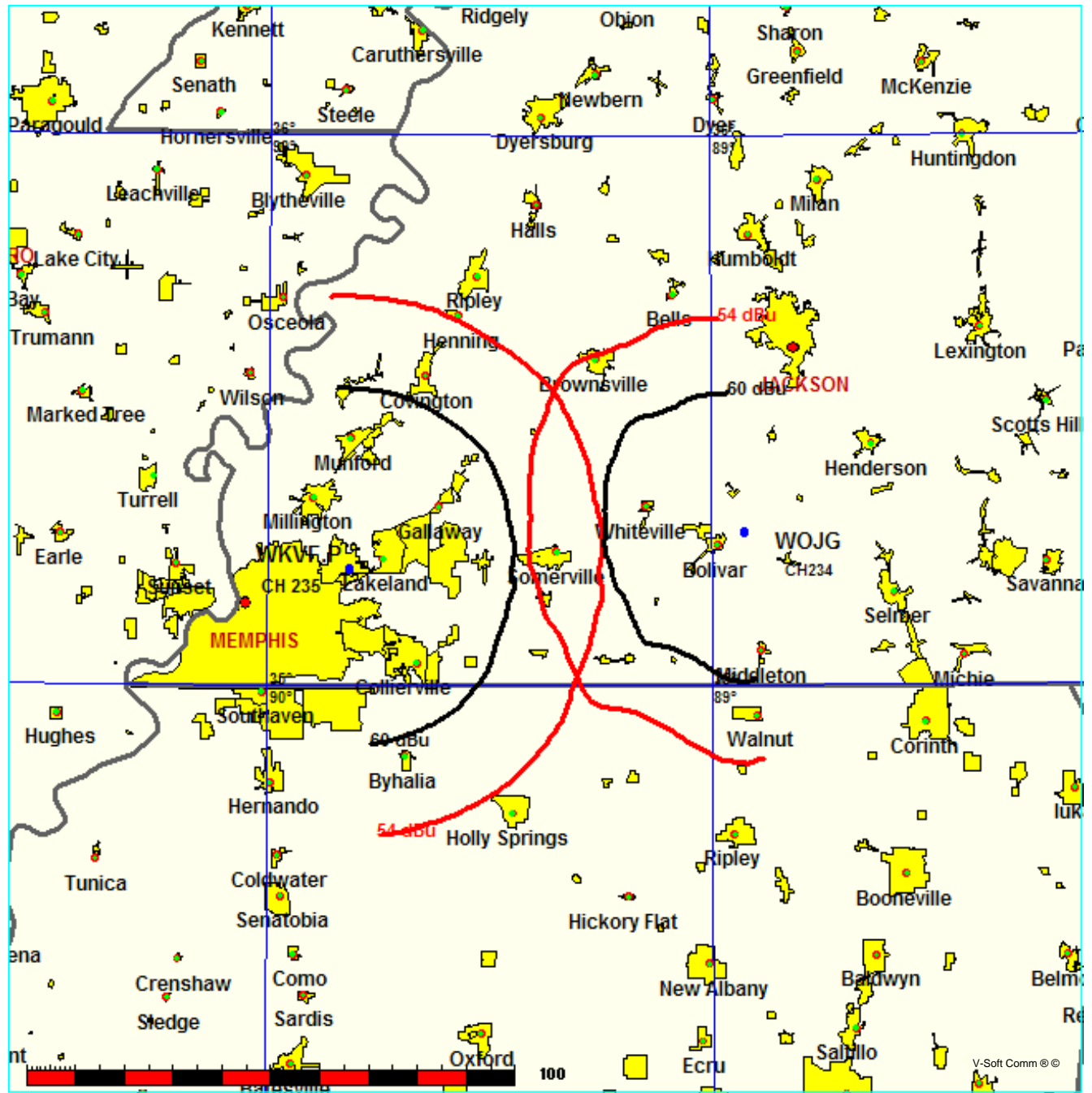
*Note: This application is being filed contingent with applications for KKLTV, Turrell (to be Weiner), AR and WGCQ, Hayti, MO according to the guidelines of 47 C.F.R. 73.3517(e).

Exhibit 30-A

FMCommander Single Allocation Study - 03-17-2009 - NGDC 30 SEC
WKVF.P's Overlaps (In= 3.04 km, Out= 0.49 km)

WKVF.P CH 235 C3 73.215 N
Lat= 35 12 41.0, Lng= 89 48 54.0
10.6 kW 126.5 M HAAT, 215 M COR
Prot.= 60 dBu, Intef.= 54 dBu

WOJG^ CH 234 A BLH19920807KB
Lat= 35 16 39.0, Lng= 88 55 41.0
Max CIs: 6.0 kW 100 M HAAT, 230 M COR
Prot.= 60 dBu, Intef.= 54 dBu



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Exhibit 30-A

Bartlett, TN

WKVF.P vs. WOJG

03-17-2009 NGDC 30 SEC Terrain Data

WOJG BLH19920807KB
Channel = 234A
Max ERP = 6 kW
RCAMSL = 230 M
N. Lat. 35 16 39.0
W. Lng. 88 55 41.0
Protected
60 dBu

WKVF.P
Channel = 235C3
Max ERP = 10.6 kW
RCAMSL = 215 M
N. Lat. 35 12 41.0
W. Lng. 89 48 54.0
Interfering
54 dBu

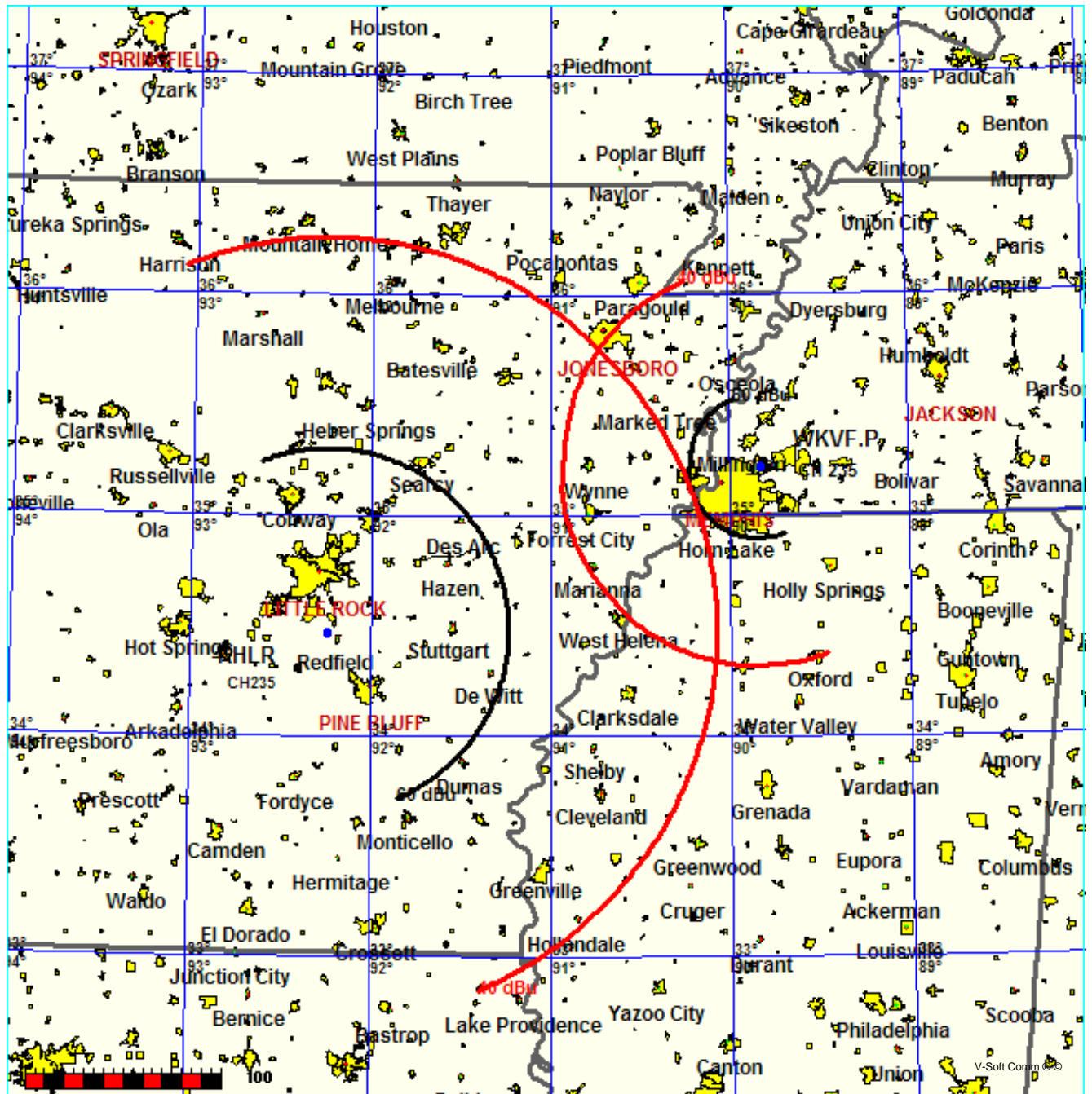
Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Actual (dBu)	I X (km)
250.0	006.0000	0100.9	028.4	092.4	010.6000	0105.3	054.1	52.86	
251.0	006.0000	0100.5	028.4	091.9	010.6000	0104.5	054.0	52.86	
252.0	006.0000	0100.1	028.3	091.3	010.6000	0103.9	053.9	52.87	
253.0	006.0000	0099.6	028.2	090.8	010.6000	0104.4	053.8	52.94	
254.0	006.0000	0099.1	028.2	090.3	010.6000	0105.0	053.7	53.02	
255.0	006.0000	0098.8	028.1	089.8	010.6000	0105.6	053.6	53.09	
256.0	006.0000	0099.0	028.2	089.3	010.6000	0106.1	053.4	53.18	
257.0	006.0000	0099.7	028.2	088.8	010.6000	0106.7	053.2	53.30	
258.0	006.0000	0100.5	028.4	088.3	010.6000	0107.2	053.0	53.41	
259.0	006.0000	0101.5	028.5	087.8	010.6000	0107.7	052.8	53.53	
260.0	006.0000	0102.2	028.6	087.2	010.6000	0107.9	052.7	53.60	
261.0	006.0000	0102.6	028.6	086.7	010.6000	0108.1	052.5	53.66	
262.0	006.0000	0102.6	028.6	086.2	010.6000	0108.5	052.5	53.70	
263.0	006.0000	0102.6	028.6	085.6	010.6000	0108.9	052.5	53.75	
264.0	006.0000	0102.6	028.6	085.1	010.6000	0109.4	052.4	53.79	
265.0	006.0000	0102.3	028.6	084.5	010.6000	0109.9	052.5	53.81	
266.0	006.0000	0101.9	028.5	084.0	010.6000	0110.3	052.5	53.81	
267.0	006.0000	0101.3	028.5	083.4	010.6000	0110.7	052.6	53.80	
268.0	006.0000	0101.0	028.4	082.9	010.6000	0111.0	052.7	53.79	
269.0	006.0000	0100.3	028.3	082.4	010.6000	0111.3	052.8	53.75	
270.0	006.0000	0100.3	028.3	081.8	010.6000	0111.4	052.9	53.73	
271.0	006.0000	0100.2	028.3	081.3	010.6000	0111.5	053.0	53.71	
272.0	006.0000	0100.1	028.3	080.8	010.6000	0111.6	053.1	53.67	
273.0	006.0000	0100.0	028.3	080.3	010.6000	0111.6	053.2	53.63	
274.0	006.0000	0100.0	028.3	079.7	010.6000	0111.6	053.3	53.59	
275.0	006.0000	0100.8	028.4	079.2	010.6000	0111.4	053.3	53.57	
276.0	006.0000	0101.8	028.5	078.6	010.6000	0111.3	053.3	53.56	
277.0	006.0000	0102.8	028.7	078.1	010.6000	0111.2	053.4	53.53	
278.0	006.0000	0103.5	028.8	077.5	010.6000	0111.0	053.5	53.50	
279.0	006.0000	0103.9	028.8	077.0	010.6000	0111.0	053.6	53.44	
280.0	006.0000	0104.4	028.9	076.5	010.6000	0110.9	053.7	53.39	
281.0	006.0000	0105.3	029.0	075.9	010.6000	0110.8	053.8	53.35	
282.0	006.0000	0105.9	029.1	075.4	010.6000	0110.9	054.0	53.29	
283.0	006.0000	0106.4	029.1	074.9	010.6000	0110.9	054.1	53.23	
284.0	006.0000	0106.9	029.2	074.4	010.6000	0111.0	054.3	53.16	
285.0	006.0000	0107.7	029.3	073.9	010.6000	0111.1	054.5	53.10	
286.0	006.0000	0109.0	029.5	073.3	010.6000	0111.4	054.6	53.07	
287.0	006.0000	0110.1	029.6	072.8	010.6000	0111.7	054.8	53.03	
288.0	006.0000	0111.0	029.7	072.3	010.6000	0112.1	055.0	52.97	
289.0	006.0000	0111.8	029.8	071.8	010.6000	0112.5	055.2	52.91	
290.0	006.0000	0112.6	029.9	071.3	010.6000	0112.9	055.5	52.84	

Exhibit 30-B

FMCommander Single Allocation Study - 03-17-2009 - NGDC 30 SEC
WKVF.P's Overlaps (In= 0.05 km, Out= 41.51 km)

WKVF.P CH 235 C3 73.215 N
Lat= 35 12 41.0, Lng= 89 48 54.0
10.6 kW 126.5 M HAAT, 215 M COR
Prot.= 60 dBu, Intef.= 40 dBu

KHLR^ CH 235 C BLH19920326KC
Lat= 34 26 31.0, Lng= 92 13 03.0
Max CIs: 100.0 kW 600 M HAAT, 684 M COR
Prot.= 60 dBu, Intef.= 40 dBu



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Exhibit 30-B

Bartlett, TN

KHLR vs. WKVF.P

03-17-2009

NGDC 30 SEC Terrain Data

FMOver Analysis

WKVF.P

Channel = 235C3

Max ERP = 10.6 kW

RCAMSL = 215 M

N. Lat. 35 12 41.0

W. Lng. 89 48 54.0

Protected

60 dBu

KHLR BLH19920326KC

Channel = 235C

Max ERP = 100 kW

RCAMSL = 684 M

N. Lat. 34 26 31.0

W. Lng. 92 13 03.0

Interfering

40 dBu

Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Actual (dBu)	I X (km)
220.0	010.6000	0134.1	036.8	073.1	100.0000	0608.3	204.6	38.82	
221.0	010.6000	0133.9	036.8	072.9	100.0000	0608.3	204.3	38.88	
222.0	010.6000	0133.8	036.8	072.8	100.0000	0608.2	203.9	38.94	
223.0	010.6000	0133.9	036.8	072.6	100.0000	0608.2	203.6	39.01	
224.0	010.6000	0133.7	036.8	072.5	100.0000	0608.2	203.3	39.06	
225.0	010.6000	0133.2	036.7	072.3	100.0000	0608.2	203.0	39.11	
226.0	010.6000	0132.6	036.6	072.1	100.0000	0608.2	202.8	39.16	
227.0	010.6000	0132.1	036.6	072.0	100.0000	0608.2	202.6	39.20	
228.0	010.6000	0131.8	036.5	071.8	100.0000	0608.1	202.3	39.25	
229.0	010.6000	0131.7	036.5	071.6	100.0000	0608.1	202.1	39.29	
230.0	010.6000	0131.8	036.5	071.5	100.0000	0608.1	201.8	39.34	
231.0	010.6000	0132.1	036.6	071.3	100.0000	0608.1	201.5	39.39	
232.0	010.6000	0132.5	036.6	071.1	100.0000	0608.1	201.2	39.45	
233.0	010.6000	0133.1	036.7	071.0	100.0000	0608.1	201.0	39.50	
234.0	010.6000	0133.7	036.8	070.8	100.0000	0608.1	200.7	39.55	
235.0	010.6000	0134.1	036.8	070.6	100.0000	0608.1	200.5	39.59	
236.0	010.6000	0134.5	036.9	070.5	100.0000	0608.1	200.2	39.64	
237.0	010.6000	0134.7	036.9	070.3	100.0000	0608.1	200.0	39.67	
238.0	010.6000	0134.9	036.9	070.1	100.0000	0608.1	199.9	39.71	
239.0	010.6000	0135.1	036.9	069.9	100.0000	0608.1	199.7	39.74	
240.0	010.6000	0135.3	037.0	069.8	100.0000	0608.1	199.5	39.77	
241.0	010.6000	0135.4	037.0	069.6	100.0000	0608.2	199.4	39.79	
242.0	010.6000	0135.5	037.0	069.4	100.0000	0608.2	199.3	39.81	
243.0	010.6000	0135.8	037.0	069.2	100.0000	0608.2	199.2	39.84	
244.0	010.6000	0136.2	037.1	069.0	100.0000	0608.2	199.0	39.86	
245.0	010.6000	0136.8	037.1	068.8	100.0000	0608.2	198.9	39.89	
246.0	010.6000	0137.5	037.2	068.7	100.0000	0608.2	198.8	39.91	
247.0	010.6000	0138.1	037.3	068.5	100.0000	0608.2	198.7	39.93	
248.0	010.6000	0138.6	037.4	068.3	100.0000	0608.2	198.6	39.95	
249.0	010.6000	0139.0	037.4	068.1	100.0000	0608.3	198.5	39.96	
250.0	010.6000	0139.2	037.4	067.9	100.0000	0608.3	198.5	39.96	
251.0	010.6000	0139.4	037.4	067.7	100.0000	0608.3	198.5	39.97	
252.0	010.6000	0139.4	037.5	067.5	100.0000	0608.3	198.5	39.96	
253.0	010.6000	0139.5	037.5	067.3	100.0000	0608.3	198.6	39.96	
254.0	010.6000	0139.7	037.5	067.1	100.0000	0608.3	198.6	39.95	
255.0	010.6000	0140.0	037.5	067.0	100.0000	0608.4	198.6	39.94	
256.0	010.6000	0140.2	037.5	066.8	100.0000	0608.4	198.7	39.93	
257.0	010.6000	0140.1	037.5	066.6	100.0000	0608.4	198.8	39.91	
258.0	010.6000	0140.0	037.5	066.4	100.0000	0608.4	198.9	39.89	
259.0	010.6000	0139.8	037.5	066.2	100.0000	0608.4	199.1	39.86	
260.0	010.6000	0139.7	037.5	066.0	100.0000	0608.4	199.2	39.83	
261.0	010.6000	0139.7	037.5	065.8	100.0000	0608.4	199.4	39.80	
262.0	010.6000	0139.5	037.5	065.7	100.0000	0608.4	199.6	39.77	
263.0	010.6000	0138.6	037.4	065.5	100.0000	0608.4	199.8	39.72	
264.0	010.6000	0137.5	037.2	065.3	100.0000	0608.5	200.1	39.66	

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Exhibit 30-B

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265.0	010.6000	0135.9	037.0	065.2	100.0000	0608.5	200.5	39.58
266.0	010.6000	0134.1	036.8	065.0	100.0000	0608.5	200.9	39.51
267.0	010.6000	0132.4	036.6	064.8	100.0000	0608.5	201.4	39.43
268.0	010.6000	0130.6	036.4	064.7	100.0000	0608.5	201.8	39.35
269.0	010.6000	0129.5	036.3	064.5	100.0000	0608.5	202.1	39.28
270.0	010.6000	0129.0	036.2	064.4	100.0000	0608.5	202.5	39.22
271.0	010.6000	0128.5	036.1	064.2	100.0000	0608.5	202.8	39.16
272.0	010.6000	0127.9	036.1	064.1	100.0000	0608.5	203.1	39.10
273.0	010.6000	0127.5	036.0	063.9	100.0000	0608.5	203.4	39.04
274.0	010.6000	0127.4	036.0	063.8	100.0000	0608.5	203.7	38.98
275.0	010.6000	0127.3	036.0	063.6	100.0000	0608.5	204.1	38.92