

# Exhibit 13.1 - Copy of Existing Antenna Structure Registration



**Registration Detail**

Reg Number	1036004	Status	Constructed
File Number	A1033813	Constructed	12/01/1984
EMI	No	Dismantled	
NEPA	No		

**Antenna Structure**

Structure Type

**Location** (in NAD83 Coordinates)

Lat/Long	38-22-58.0 N 075-18-57.0 W	Address	11210 BELL RD
City, State	WHALEYVILLE , MD		
Zip	21872	County	WORCESTER
Center of AM Array		Position of Tower in Array	

**Heights (meters)**

Elevation of Site Above Mean Sea Level	9.1	Overall Height Above Ground (AGL)	106.1
Overall Height Above Mean Sea Level	115.2	Overall Height Above Ground w/o Appurtenances	96.0

**Painting and Lighting Specifications**

FCC Paragraphs 1, 3, 12, 21

**FAA Notification**

FAA Study	84-AEA-0956-OE	FAA Issue Date	05/15/1984
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**Owner & Contact Information**

FRN	0023816143	Owner Entity Type	Limited Liability Company
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**Owner**

Clearview Tower Company II, LLC  
 26 Yolanda Drive  
 Edison , NJ 08817

P: (732)744-0652  
 F:  
 E: smejia@clearviewtower.net

**Contact**

Mejia , Steven  
 26 Yolanda Drive  
 Edison , NJ 08817

P: (732)744-0652  
 F:  
 E: smejia@clearviewtower.net

**Last Action Status**

Status	Constructed	Received	06/01/2016
Purpose	Notification	Entered	06/01/2016
Mode	Interactive		

**Related Applications**

- 06/01/2016 A1033813 - Notification (NT)
- 06/01/2016 A1033812 - Change Owner (OC)
- 03/24/2015 A0939133 - Change Owner (OC)

Related applications (5)

**Comments**

**Comments**

04/03/1998 OWNERSHIP INFO UPDATED AS A RESULT OF MOD OF 'O' APPLICATION PROCESSED

**History**

Date	Event
06/02/2016	Registration Printed
06/02/2016	Change of Ownership Letter Sent
06/01/2016	Construction Notification Received

All History (10)

**Automated Letters**

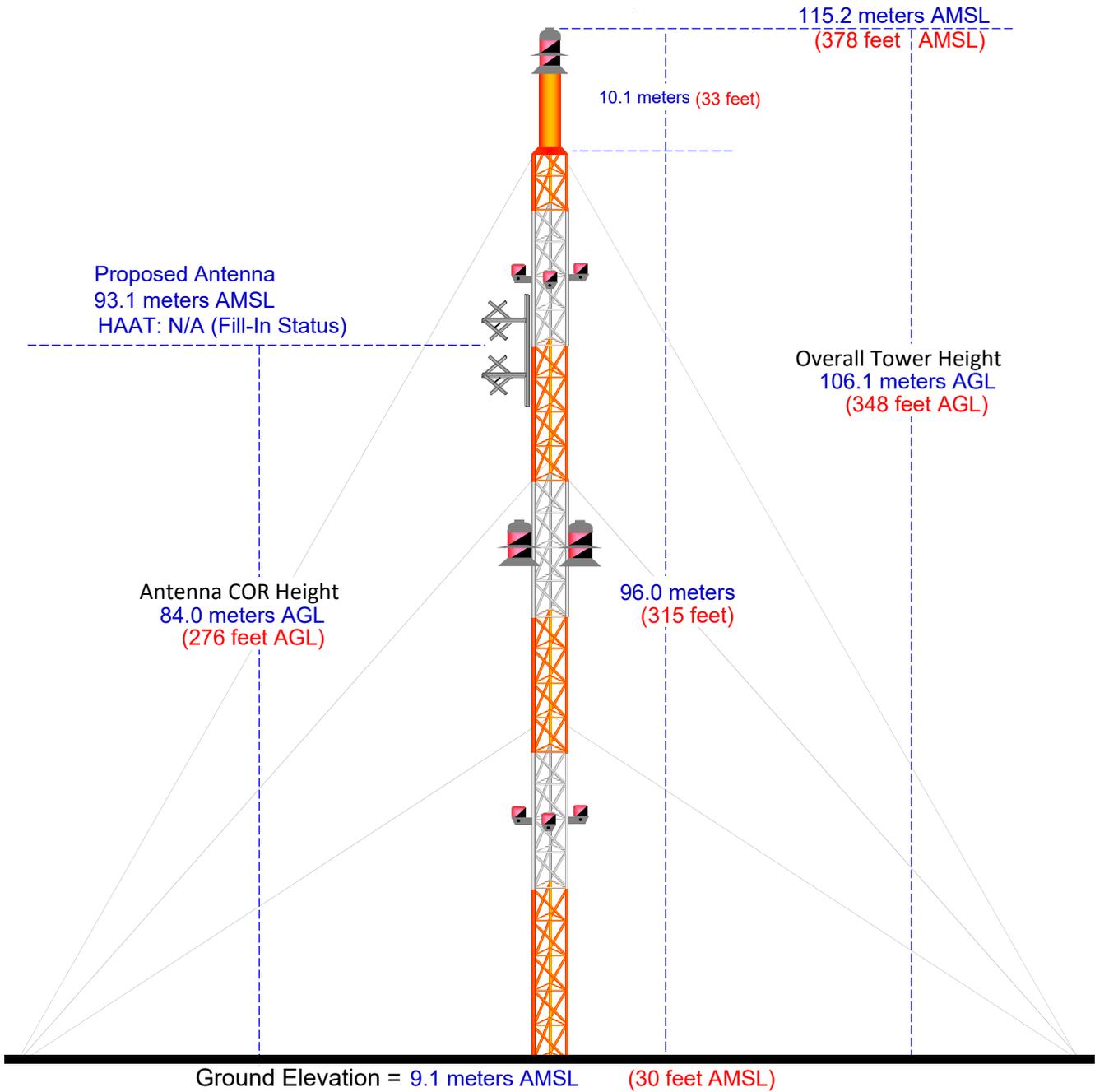
- 06/02/2016 Authorization, Reference
- 06/02/2016 Ownership Change, Reference 915417
- 03/29/2016 Construction Reminder, Reference 907604

All letters (6)

# Exhibit 13.2 Vertical Plan of Antenna System

THE SITE IS LOCATED AT 11210 BELL ROAD;  
THE CITY OF WHALEYVILLE; WORCESTER COUNTY; THE STATE OF MARYLAND.

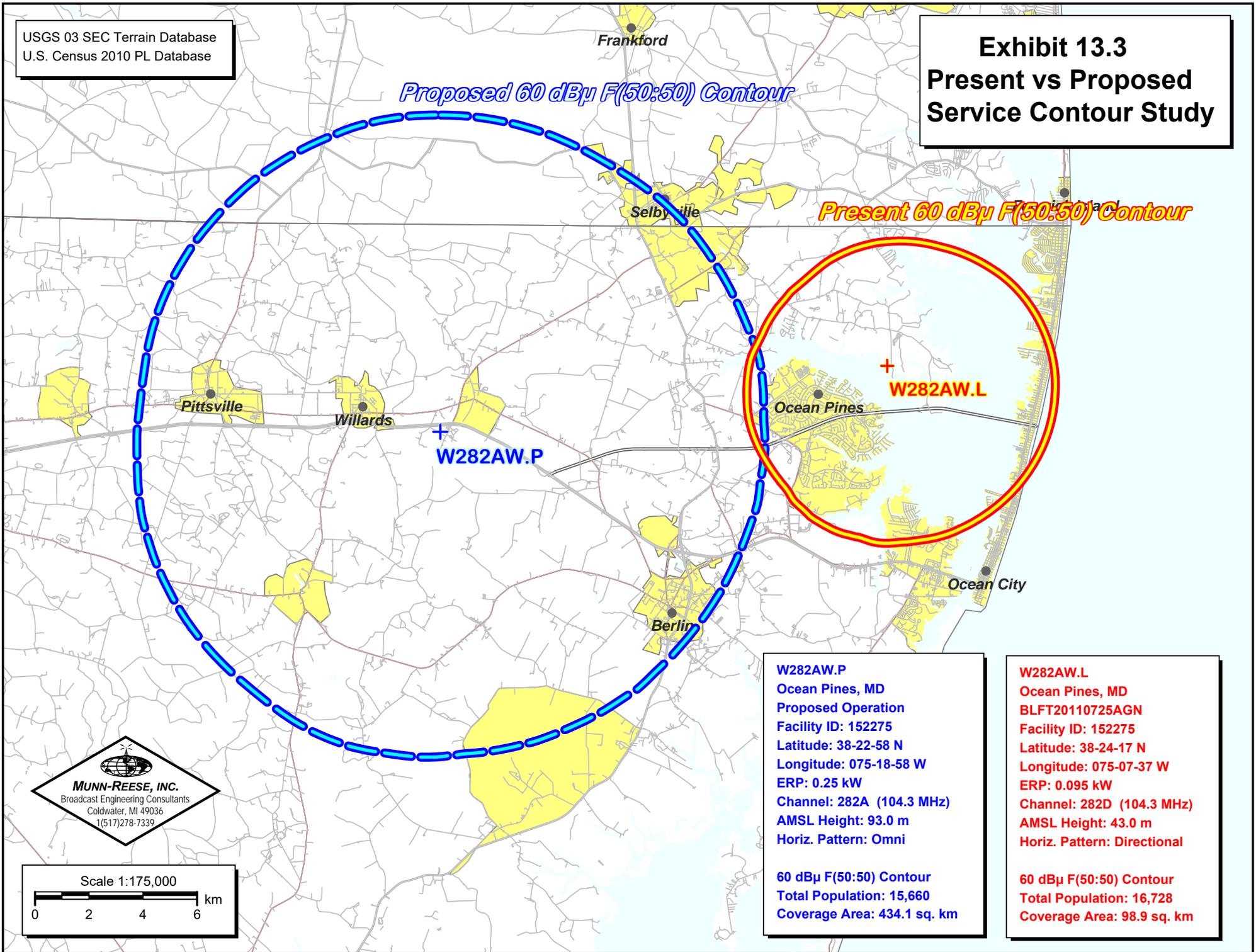
Antenna Structure Registration No.	<b>1036004</b>	<u>Latitude (D M S)</u>	<u>Longitude (D M S)</u>
		NAD 27 datum values: 38 22 57.58404 75 18 58.30740	
		NAD 83 datum values: 38 22 58.00000 75 18 57.00000	



Drawing is not to Scale

USGS 03 SEC Terrain Database  
U.S. Census 2010 PL Database

# Exhibit 13.3 Present vs Proposed Service Contour Study

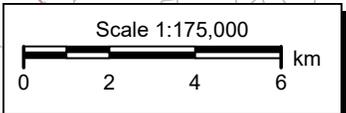


*Proposed 60 dB $\mu$  F(50:50) Contour*

*Present 60 dB $\mu$  F(50:50) Contour*

**+**  
W282AW.P

**+**  
W282AW.L



**W282AW.P**  
Ocean Pines, MD  
Proposed Operation  
Facility ID: 152275  
Latitude: 38-22-58 N  
Longitude: 075-18-58 W  
ERP: 0.25 kW  
Channel: 282A (104.3 MHz)  
AMSL Height: 93.0 m  
Horiz. Pattern: Omni

**60 dB $\mu$  F(50:50) Contour**  
Total Population: 15,660  
Coverage Area: 434.1 sq. km

**W282AW.L**  
Ocean Pines, MD  
BLFT20110725AGN  
Facility ID: 152275  
Latitude: 38-24-17 N  
Longitude: 075-07-37 W  
ERP: 0.095 kW  
Channel: 282D (104.3 MHz)  
AMSL Height: 43.0 m  
Horiz. Pattern: Directional

**60 dB $\mu$  F(50:50) Contour**  
Total Population: 16,728  
Coverage Area: 98.9 sq. km

Sussex

**Primary 60 dBμ F(50:50) Contour**

**Proposed 60 dBμ F(50:50) Contour**

Wicomico

Worcester

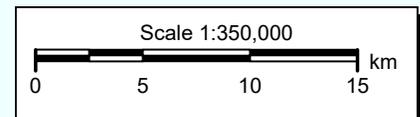
+  
**WOCQ(FM)**  
**W282AW.P**

### Exhibit 13.4 Proposed vs Primary Service Contour Study

**WOCQ(FM)**  
Berlin, MD  
BLH19980630KF  
Facility ID: 47107  
Latitude: 38-22-58 N  
Longitude: 075-18-58 W  
ERP: 6.00 kW  
Channel: 280A (103.9 MHz)  
AMSL Height: 111.0 m  
Horiz. Pattern: Omni

**W282AW.P**  
Ocean Pines, MD  
Proposed Operation  
Facility ID: 152275  
Latitude: 38-22-58 N  
Longitude: 075-18-58 W  
ERP: 0.25 kW  
Channel: 282A (104.3 MHz)  
AMSL Height: 93.0 m  
Horiz. Pattern: Omni

USGS 03 SEC Terrain Database  
U.S. Census 2010 PL Database



# Exhibit 13.5

## Tabulation of Proposed Allocation

REFERENCE	CH#	282D - 104.3 MHz, Pwr= 0.25 kw, HAAT= 82.6 M, COR= 93 M							DISPLAY DATES		
38 22 58.0 N.		Average Protected F(50-50)= 11.75 km							DATA 10-19-16		
75 18 58.0 W.		Omni-directional							SEARCH 10-20-16		
CH CITY	CALL	TYPE STATE	ANT AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*	
284B	WQHQ	LIC_CN	76.1	2.19	38 23 15.0	33.000	5.8	64.0	-15.7*<	-63.3*<	
	Ocean City-Salisbur	MD	256.2	BLH19800505AB	75 17 30.0	186	189	Capstar Tx, Llc			
282D	W282AW	LIC DV_	81.5	16.66	38 24 17.0	0.095	17.1	5.2	-12.5*	-30.0*	
	Ocean Pines	MD	261.6	BLFT20110725AGN	75 07 37.0	40	43	Adams Radio Of Delmarva Pe			
280A	WOCQ	LIC_CN	0.0	0.00	38 22 58.0	6.000	2.8	28.3	-14.5*<	-29.4*<	
	Berlin	MD	0.0	BLH19980630KF	75 18 58.0	100	111	Adams Radio Of Delmarva Pe			
228B	WZBH	LIC ZCX	5.6	15.67	38 31 24.0	50.000	2.9	38.0	14.5R	1.2M	
	Millsboro	DE	185.6	BLH20160425AAP	75 17 55.0	150	160	Adams Radio Of Delmarva Pe			
282B	WZFT	LIC ZCX	313.0	156.72	39 20 10.0	13.000	134.3	70.3	10.9	30.6	
	Baltimore	MD	132.1	BLH20090123AAG	76 38 59.0	294	378	Citicasters Licenses, Inc.			
281D	W281BD	LIC _C_	342.9	69.91	38 59 01.0	0.110	16.2	11.2	42.1	41.7	
	Dover	DE	162.8	BLFT20140801AJP	75 33 14.0		128	Delmarva Broadcasting Comp			
281B	WPRS-FM	LIC _CX	281.6	135.51	38 37 07.4	20.000	78.7	66.6	45.7	45.6	
	Waldorf	MD	100.7	BMLH20070809ABE	76 50 39.0	244	295	Radio One Licenses, Llc			
279D	W279BA	LIC _C_	293.3	70.08	38 37 48.6	0.019	0.3	6.7	58.4	62.3	
	East New Market	MD	112.9	BLFT20070313AAU	76 03 25.2	99	102	Tblc Virginia Stations, L			
279B	WMGM	LIC DCN	31.6	131.81	39 23 24.0	50.000	5.2	59.2	114.9	71.1	
	Atlantic City	NJ	212.1	BLH19971121KA	74 30 45.0	106	112	Longport Media, Llc			
279B	WXCX	APP ZCX	332.4	148.65	39 33 55.0	39.000	5.7	64.6	131.3	82.6	
	Havre De Grace	MD	151.9	BPH20160309ABL	76 07 08.0	168	221	Delmarva Broadcasting Comp			
279B	WXCX	LIC DCX	332.9	147.89	39 33 52.0	37.000	5.6	63.8	130.7	82.6	
	Havre De Grace	MD	152.4	BLH20021015ABT	76 06 07.0	168	217	Delmarva Broadcasting Comp			
283B	WNVZ	LIC _C_	210.6	173.07	37 02 17.6	50.000	77.8	64.8	83.4	83.2	
	Norfolk	VA	30.0	BMLH20040816AAN	76 18 28.7	146	148	Entercom License, Llc			
285A	WIGO-FM	LIC _CX	232.4	119.29	37 43 25.0	4.100	2.7	28.7	104.9	89.5	
	White Stone	VA	51.8	BLH20070820ACF	76 23 28.8	122	127	Two Rivers Communications,			
283B	WFFF	LIC _C_	2.0	184.55	40 02 30.0	11.500	79.0	67.1	93.8	92.8	
	Philadelphia	PA	182.1	BMLH20090513AAG	75 14 24.0	308	376	Amfm Radio Licenses, L.L.c			
285B1	WSJO	LIC NCN	24.1	142.06	39 32 49.0	10.000	3.8	44.6	126.5	95.9	
	Egg Harbor City	NJ	204.6	BLH19910726KB	74 38 19.0	155	167	Townsquare Media Atlantic			
281D	W281BH	CP DC_	30.3	128.29	39 22 35.0	0.250	18.2	12.3	98.4	99.0	
	Absecon	NJ	210.8	BPFT20160427ABL	74 33 44.0		101	Hope Christian Church Of M			
281D	W281BH	LIC _C_	30.5	128.79	39 22 43.0	0.250	11.6	8.2	105.5	103.6	
	Absecon	NJ	211.0	BLFT20160419AAR	74 33 21.0		43	Hope Christian Church Of M			

Terrain database is USGS 03 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= East Zone, Co to 3rd adjacent.  
 All separation margins (if shown) include rounding. Call signs with strikeout need not be protected.  
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
 "\*"affixed to 'IN' or 'OUT' values = site inside restricted contour.  
 < = Contour Overlap

Green Text denotes the facility to be modified by this proposal. This facility need not be protected.

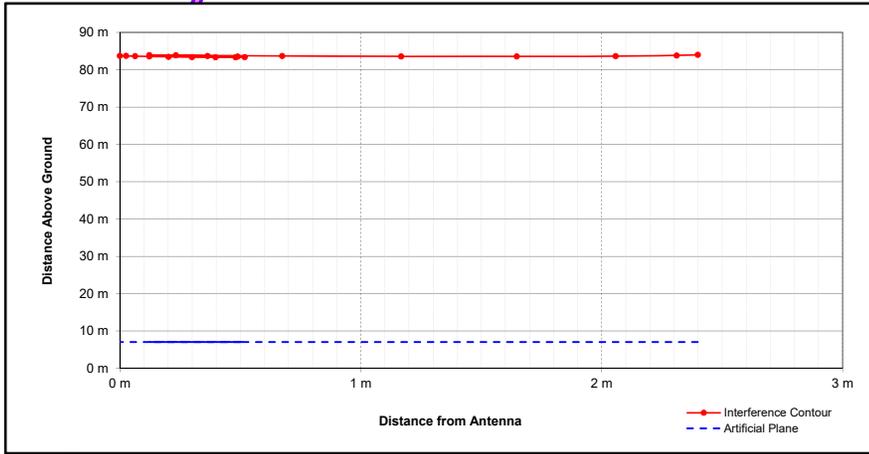
Yellow Highlighted Text denotes the existence of a §74.1204(d) Second/Third Adjacent Channel Given Interference Waiver Request toward WQHQ(FM) - Ocean City-Salisbury, MD (CH284B) and WOCQ(FM) - Berlin, MD (CH280A) as noted in **Exhibit 13.6**. Protection has been based on the worst case calculated 153.3 dBµ F(50:10) Interference Contour, corresponding to the worst case 113.3 dBµ F(50:50) Full Service Protected Contour. Protection has been demonstrated through a downward vertical radiation study. Full protection will be afforded the facility as the interference area will not reach the ground nor a seven meter artificial plane representing a standard two story home when taking into account the downward radiation characteristics of the antenna as supplied by the antenna manufacturer. A copy of the antenna manufacturer's specifications has also been included in **Exhibit 13.7**.

## Exhibit 13.6

### §74.1204(d) 2nd/3rd Adjacent Channel Given Interference Waiver Request

#### WQHQ(FM) - Ocean City-Salisbury, MD (CH284B) WOCQ(FM) - Berlin, MD (CH280A)

Yellow Highlighted Text denotes the existence of a §74.1204(d) Second/Third Adjacent Channel Given Interference Waiver Request toward WQHQ(FM) - Ocean City-Salisbury, MD (CH284B) and WOCQ(FM) - Berlin, MD (CH280A) as noted in **Exhibit 13.6**. Protection has been based on the worst case calculated 153.3 dBμ F(50:10) Interference Contour, corresponding to the worst case 113.3 dBμ F(50:50) Full Service Protected Contour. Protection has been demonstrated through a downward vertical radiation study. Full protection will be afforded the facility as the interference area will not reach the ground nor a seven meter artificial plane representing a standard two story home when taking into account the downward radiation characteristics of the antenna as supplied by the antenna manufacturer. A copy of the antenna manufacturer specifications has also been included in **Exhibit 13.7**.



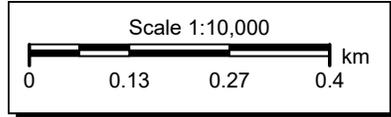
Proposed Antenna: BKG77/2L Two Bay 0.75 λ Spaced  
 Proposed Power: 0.25 kW  
 Antenna Height AGL: 84 meters  
 Interference Contour: 153.30 dBμ F(50:10)  
 Artificial Ground Plane Height: 7 meters

Distance (Free Space) Equation:  $= (10^{((106.92 - \text{desired dB}\mu) + \text{ERP in dBk})/20}) * 1000$   
 Field Strength (dBu) Equation:  $= 106.92 - (20 * (\text{LOG}_{10}[\text{DistMeters}/1000])) + \text{ERP in dBk}$

Depression Angle Below Horizon	Antenna Relative Field	ERP in kW	ERP in dBk	Distance from Ant. to Interference Contour	Distance from Ant. to Artificial Plane	Field Strength in dBu @ Artificial Plane	Distance from Ant. to Ground Level	Field Strength in dBu @ Ground Level
0°	1.000	0.250	-6.02	2.40 m	Infinite	---	---	---
-5°	0.967	0.234	-6.31	2.32 m	883.48 m	101.68 dBu	963.79 m	100.93 dBu
-10°	0.871	0.190	-7.22	2.09 m	443.43 m	106.76 dBu	483.74 m	106.01 dBu
-15°	0.711	0.126	-8.96	1.71 m	297.51 m	108.47 dBu	324.55 m	107.71 dBu
-20°	0.518	0.067	-11.73	1.24 m	225.13 m	108.14 dBu	245.60 m	107.38 dBu
-25°	0.310	0.024	-16.19	0.74 m	182.20 m	105.52 dBu	198.76 m	104.76 dBu
-30°	0.112	0.003	-25.04	0.27 m	154.00 m	98.13 dBu	168.00 m	97.38 dBu
-35°	0.062	0.001	-30.17	0.15 m	134.25 m	94.19 dBu	146.45 m	93.43 dBu
-40°	0.198	0.010	-20.09	0.47 m	119.79 m	105.26 dBu	130.68 m	104.51 dBu
-45°	0.288	0.021	-16.83	0.69 m	108.89 m	109.35 dBu	118.79 m	108.59 dBu
-50°	0.336	0.028	-15.49	0.81 m	100.52 m	111.38 dBu	109.65 m	110.63 dBu
-55°	0.349	0.030	-15.16	0.84 m	94.00 m	112.29 dBu	102.55 m	111.54 dBu
-60°	0.331	0.027	-15.62	0.79 m	88.91 m	112.32 dBu	96.99 m	111.56 dBu
-65°	0.295	0.022	-16.62	0.71 m	84.96 m	111.71 dBu	92.68 m	110.96 dBu
-70°	0.246	0.015	-18.20	0.59 m	81.94 m	110.45 dBu	89.39 m	109.69 dBu
-75°	0.197	0.010	-20.13	0.47 m	79.72 m	108.76 dBu	86.96 m	108.00 dBu
-80°	0.151	0.006	-22.44	0.36 m	78.19 m	106.62 dBu	85.30 m	105.86 dBu
-85°	0.122	0.004	-24.29	0.29 m	77.29 m	104.86 dBu	84.32 m	104.11 dBu
-90°	0.117	0.003	-24.86	0.28 m	77.00 m	104.53 dBu	84.00 m	103.78 dBu

+  
WQHQ(FM).L

USGS 03 SEC Terrain Database  
U.S. Census 2010 PL Database



(WOCQ(FM).L & W282AW.P are co-located resulting in no interference area)

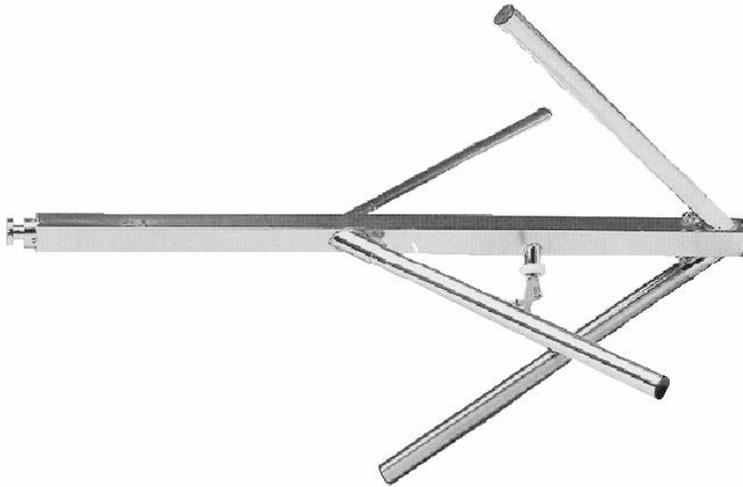
+  
W282AW.P  
WOCQ(FM).L  
WQHQ(FM) - 113.3 F(50:50)dBμ Contour

**W282AW.P**  
Ocean Pines, MD  
Proposed Operation  
Facility ID: 152275  
Latitude: 38-22-58 N  
Longitude: 075-18-58 W  
ERP: 0.25 kW  
Channel: 282A (104.3 MHz)  
AMSL Height: 93.0 m  
Horiz. Pattern: Omni

**WOCQ(FM).L**  
Berlin, MD  
BLH19980630KF  
Facility ID: 47107  
Latitude: 38-22-58 N  
Longitude: 075-18-58 W  
ERP: 6.00 kW  
Channel: 280A (103.9 MHz)  
AMSL Height: 111.0 m  
Horiz. Pattern: Omni

**WQHQ(FM).L**  
Ocean City-salisbur, MD  
BLH19800505AB  
Facility ID: 28166  
Latitude: 38-23-15 N  
Longitude: 075-17-30 W  
ERP: 33.00 kW  
Channel: 284B (104.7 MHz)  
AMSL Height: 189.0 m  
Horiz. Pattern: Omni

# Exhibit 13.7 - Manufacturer's Vertical Radiation Pattern Data



**NICOM**  
**BKG77**

*Low Power*

**Broadband  
FM Circular  
Polarization  
Antenna**  
*Antena de  
FM Banda Ancha  
Polarizacion Circular*

**This antenna, constructed completely of stainless steel, offers circular polarization for better coverage especially in urban areas. In order to facilitate and decrease shipping costs, this model is simple to break down and reassemble when ready to be installed. It is insulated with Teflon, and with the appropriate connector has a maximum input of 0.5 kw.**

**Esta antena, fabricada completamente de acero inoxidable, le ofrece polarización circular para mejor alcance, especialmente en zonas urbanas. Para facilitar y disminuir los costos de transportación, este modelo es fácil de desarmar y volver a montar tan pronto que la quiera instalar. Está aislada con Teflon, y con el conector apropiado tiene una entrada máxima de 0.5 kw.**



## TECHNICAL SPECIFICATIONS (per bay)

Antenna type	circular polarization dipole	Front-to-back ratio	3 dB
Frequency range	87.5 - 108 MHz	Lightening protection	all parts grounded
Bandwidth	500 kHz max	Max wind velocity	119 mph (190 km/h)
Impedance	50 ohms	Wind load	8 Lbs (3.6 kg)
Connectors	N type (0.5 kw)	Wind surface	0.3 ft <sup>2</sup> (0.04 m <sup>2</sup> )
Power rating	500 Watts max	Materials (external)	stainless steel
VSWR	< 1.1:1	Mounting	from 2" to 4"
Polarization	vertical and horizontal	Weight	7.7 Lbs (3.5 kg)
Gain	- 3 dBd (referred to half-wave dipole)	Dimensions	58"×32"×32" (1450×800×800mm)
H plane	omnidirectional ±1.5 dB (with a 4" mast)	Packing	72"×6"×6" (1500×152×152mm)
V plane	omnidirectional ±3 dB (with a 4" mast)		

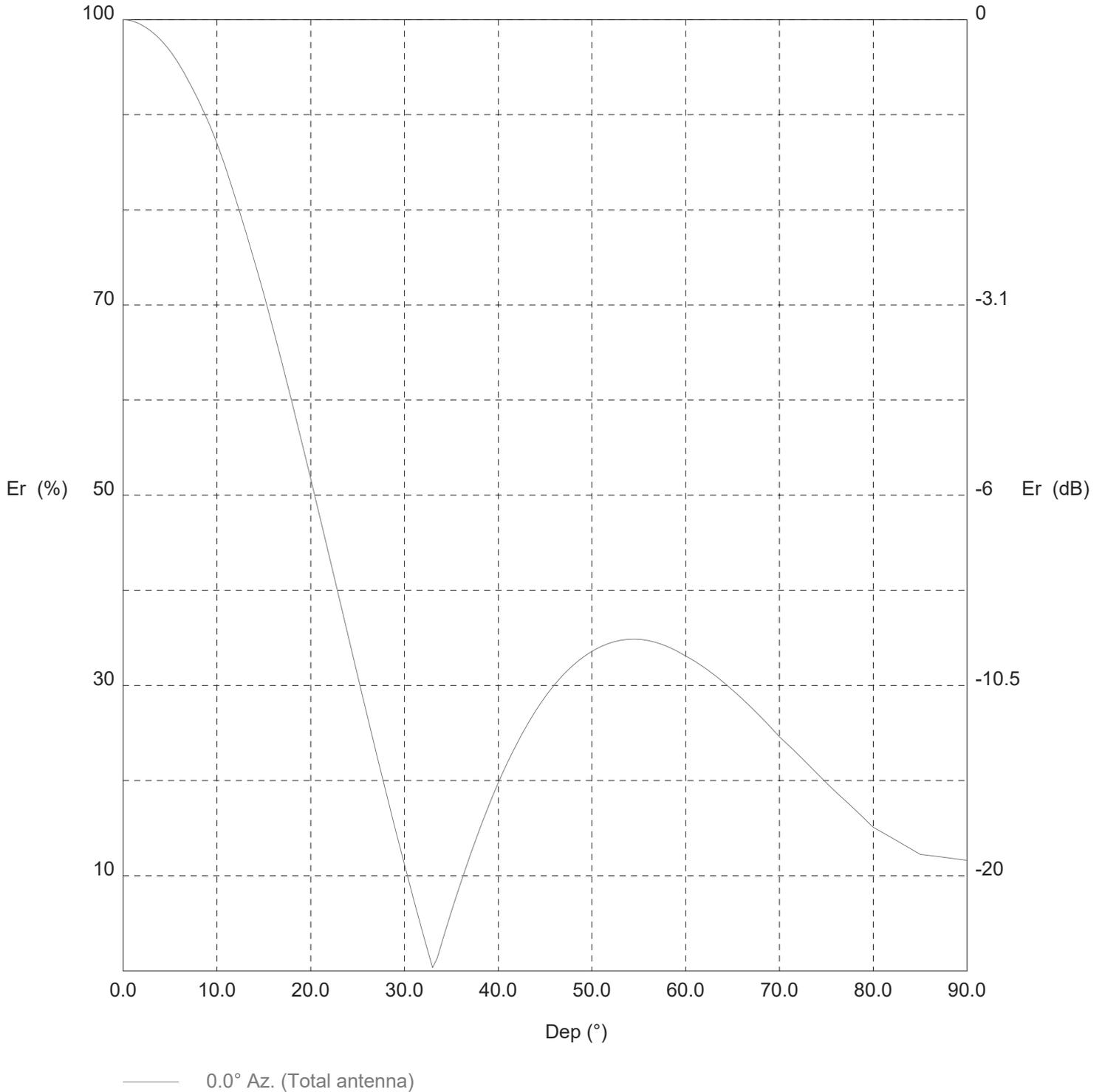
# Exhibit 13.7 - Manufacturer's Vertical Radiation Pattern Data



TX station: BKG77/2 GENERIC  
Frequency: 98.10 MHz

Site name: 3/4 WAVE SEPARATION

Vertical diagram



# Exhibit 13.7 - Manufacturer's Vertical Radiation Pattern Data



TX station: BKG77/2 GENERIC

Site name: 3/4 WAVE SEPARATION

Frequency: 98.10 MHz

### Vertical diagram at an azimuth of 0° degrees

Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)
0.0	100.0	914.2	30.0	11.2	11.5	60.0	33.1	100.1
0.5	100.0	913.3	30.5	9.3	7.9	60.5	32.8	98.4
1.0	99.8	911.3	31.0	7.5	5.1	61.0	32.5	96.7
1.5	99.7	908.1	31.5	5.6	2.9	61.5	32.2	94.8
2.0	99.4	903.9	32.0	3.8	1.3	62.0	31.9	92.8
2.5	99.1	898.4	32.5	2.1	0.4	62.5	31.5	90.8
3.0	98.8	891.9	33.0	0.3	0.0	63.0	31.1	88.7
3.5	98.4	884.3	33.5	1.4	0.2	63.5	30.8	86.5
4.0	97.9	875.7	34.0	3.0	0.8	64.0	30.4	84.2
4.5	97.3	865.9	34.5	4.6	2.0	64.5	29.9	81.9
5.0	96.7	855.2	35.0	6.2	3.5	65.0	29.5	79.5
5.5	96.0	842.7	35.5	7.8	5.5	65.5	29.1	77.2
6.0	95.2	829.2	36.0	9.3	7.9	66.0	28.6	74.8
6.5	94.4	814.9	36.5	10.7	10.5	66.5	28.2	72.5
7.0	93.5	799.7	37.0	12.1	13.5	67.0	27.7	70.0
7.5	92.6	783.6	37.5	13.5	16.7	67.5	27.2	67.6
8.0	91.6	766.9	38.0	14.9	20.2	68.0	26.7	65.1
8.5	90.5	749.4	38.5	16.1	23.8	68.5	26.2	62.7
9.0	89.4	731.2	39.0	17.4	27.7	69.0	25.7	60.2
9.5	88.3	712.5	39.5	18.6	31.6	69.5	25.1	57.8
10.0	87.1	693.1	40.0	19.8	35.7	70.0	24.6	55.3
10.5	85.7	670.8	40.5	20.9	39.8	70.5	24.1	53.3
11.0	84.2	648.2	41.0	21.9	43.9	71.0	23.7	51.2
11.5	82.7	625.3	41.5	22.9	48.1	71.5	23.2	49.2
12.0	81.2	602.3	42.0	23.9	52.2	72.0	22.7	47.2
12.5	79.6	579.0	42.5	24.8	56.4	72.5	22.2	45.2
13.0	78.0	555.7	43.0	25.7	60.4	73.0	21.7	43.2
13.5	76.3	532.4	43.5	26.5	64.4	73.5	21.2	41.3
14.0	74.6	509.1	44.0	27.3	68.3	74.0	20.7	39.3
14.5	72.9	485.8	44.5	28.1	72.1	74.5	20.2	37.4
15.0	71.1	462.7	45.0	28.8	75.8	75.0	19.7	35.5
15.5	69.3	439.1	45.5	29.5	79.3	75.5	19.3	33.9
16.0	67.4	415.8	46.0	30.1	82.7	76.0	18.8	32.4
16.5	65.6	392.9	46.5	30.7	85.9	76.5	18.4	30.8
17.0	63.6	370.3	47.0	31.2	88.9	77.0	17.9	29.3
17.5	61.7	348.1	47.5	31.7	91.8	77.5	17.4	27.8
18.0	59.8	326.5	48.0	32.1	94.4	78.0	17.0	26.4
18.5	57.8	305.3	48.5	32.6	96.9	78.5	16.5	24.9
19.0	55.8	284.7	49.0	32.9	99.2	79.0	16.0	23.5
19.5	53.8	264.7	49.5	33.3	101.2	79.5	15.6	22.1
20.0	51.8	245.3	50.0	33.6	103.1	80.0	15.1	20.8
20.5	49.7	226.1	50.5	33.9	104.8	80.5	14.8	20.0
21.0	47.6	207.5	51.0	34.1	106.3	81.0	14.5	19.3
21.5	45.6	189.8	51.5	34.3	107.6	81.5	14.3	18.6
22.0	43.5	172.8	52.0	34.5	108.7	82.0	14.0	17.8
22.5	41.4	156.7	52.5	34.6	109.6	82.5	13.7	17.1
23.0	39.3	141.3	53.0	34.7	110.3	83.0	13.4	16.4
23.5	37.2	126.8	53.5	34.8	110.8	83.5	13.1	15.7
24.0	35.2	113.0	54.0	34.9	111.1	84.0	12.8	15.0
24.5	33.1	100.1	54.5	34.9	111.2	84.5	12.5	14.4
25.0	31.0	88.1	55.0	34.9	111.1	85.0	12.2	13.7
25.5	29.0	76.8	55.5	34.8	110.7	85.5	12.2	13.6
26.0	26.9	66.3	56.0	34.7	110.2	86.0	12.1	13.4
26.5	24.9	56.7	56.5	34.6	109.4	86.5	12.1	13.3
27.0	22.9	47.9	57.0	34.5	108.5	87.0	12.0	13.2
27.5	20.9	39.9	57.5	34.3	107.5	87.5	11.9	13.0
28.0	18.9	32.7	58.0	34.1	106.3	88.0	11.9	12.9
28.5	17.0	26.3	58.5	33.9	104.9	88.5	11.8	12.8
29.0	15.0	20.6	59.0	33.6	103.5	89.0	11.7	12.6
29.5	13.1	15.7	59.5	33.4	101.8	89.5	11.7	12.5