

Kevin Fitzgerald  
 Job: W293BW WFMZ Tran Int.fmj  
 Master Database: 2018\_Jan\_14.fmd  
 Lat: N40:33:52 Lon: W075:26:25 NAD-27  
 Channel: 293 Class: A  
 Status: Licensed, Construction Permit, Application  
 Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF  
 Range: 100 km  
 Comments: No Comments  
 Description: W293BW, 106.5, Allentown, PA; Spacing Study

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 Date: 1/17/2018 1:32:33 PM  
 rfInvestigator Version 3.8.3  
 by rfSoftware, Inc.

Callsign	City	Stat	Latitude (NAD27)	Longitude (NAD27)	ServChannel	Cla	Stat 73	207	Mi	73	207	Clear	ERP	HAA	Adja	Distanc
WCFT-FM	BLOOMSBURG	PA	N40:56:18	W076:25:38	FM 293	: 106.5 B	LIC	178		-84.88		10.50	313	Co-Cha	93.12	
WRDY-LP	EAGLEVILLE	PA	N40:09:29	W075:25:05	FM 293	: 106.5 L1	LIC	92		-46.84		0.00	113	Co-Cha	45.16	
WHII-LP	WARMINSTER	PA	N40:10:08	W075:03:01	FM 293	: 106.5 L1	LIC	92		-36.98		0.00	75	Co-Cha	55.02	
WPPM-LP	PHILADELPHIA	PA	N39:57:31	W075:08:43	FM 293	: 106.5 L1	LIC	92		-20.21		0.00	20	Co-Cha	71.79	
WISX	PHILADELPHIA	PA	N40:04:58	W075:10:54	FM 291	: 106.1 B	LIC	69		-11.18		22.50	226	2nd Adj	57.82	
WWMX	BALTIMORE	MD	N39:20:05	W076:39:03	FM 293	: 106.5 B	CP	178		-6.69		10.30	296	Co-Cha	171.31	
WWMX	BALTIMORE	MD	N39:20:05	W076:39:03	FM 293	: 106.5 B	LIC	178		-6.69		11.00	288	Co-Cha	171.31	
WZCY-FM	HERSHEY	PA	N40:10:16	W076:35:50	FM 294	: 106.7 B	LIC	113		-5.46		14.00	283	1st Adj	107.54	
WHCY	BLAIRSTOWN	NJ	N41:02:53	W074:58:21	FM 292	: 106.3 A	LIC	72		-5.35		0.43	262	1st Adj	66.65	
W295CR	ALLENTOWN	PA	N40:35:33	W075:28:42	FM 295	: 106.9 DX	CP	0		4.48		0.10	0	2nd Adj	4.48	
WKVP	CAMDEN	NJ	N39:54:33	W075:06:00	FM 295	: 106.9 B	LIC	69		9.30		38.00	168	2nd Adj	78.30	
WKTW-LP	LENHARTSVILLE	PA	N40:34:10	W075:53:57	FM 296	: 107.1 L1	CP	29		9.86		0.00	21	3rd Adj	38.86	
W293BW	ALLENTOWN	PA	N40:39:30	W075:25:12	FM 293	: 106.5 DX	LIC	0		10.57		0.25	0	Co-Cha	10.57	
WLTW	NEW YORK	NY	N40:44:54	W073:59:10	FM 294	: 106.7 B	LIC	113		11.67		6.00	415	1st Adj	124.67	
WWYY	BELVIDERE	NJ	N40:56:53	W075:09:38	FM 296	: 107.1 A	CP	31		17.71		0.84	266	3rd Adj	48.71	
WWYY	BELVIDERE	NJ	N40:56:53	W075:09:38	FM 296	: 107.1 A	LIC	31		17.71		1.20	219	3rd Adj	48.71	
W294BQ	EASTON	PA	N40:40:23	W075:12:30	FM 294	: 106.7 DX	LIC	0		23.04		0.11	0	1st Adj	23.04	
WTHJ	BASS RIVER TOW	NJ	N39:37:53	W074:21:12	FM 293	: 106.5 A	LIC	115		24.01		1.45	208	Co-Cha	139.01	
W292EQ	LEHIGH TOWNSHI	PA	N40:46:04	W075:38:20	FM 292	: 106.3 DX	LIC	0		28.14		0.01	0	1st Adj	28.14	
W293CP	KUTZTOWN	PA	N40:31:55	W075:46:33	FM 293	: 106.5 DX	LIC	0		28.65		0.01	0	Co-Cha	28.65	
WPZX	POCONO PINES	PA	N41:08:17	W075:33:35	FM 290	: 105.9 A	LIC	31		33.49		5.00	103	3rd Adj	64.49	
W296CL	READING	PA	N40:21:15	W075:53:55	FM 296	: 107.1 DX	LIC	0		45.35		0.01	0	3rd Adj	45.35	
W292FD	READING	PA	N40:21:16	W075:53:57	FM 292	: 106.3 DX	LIC	0		45.37		0.01	0	1st Adj	45.37	
WBEN-FM	PHILADELPHIA	PA	N40:02:21	W075:14:13	FM 239	: 95.7 B	LIC	15		45.83		8.90	350	IF	60.83	
WKMK	EATONTOWN	NJ	N40:16:41	W074:04:51	FM 292	: 106.3 A	LIC	72		47.68		1.10	161	1st Adj	119.68	
WEZX	SCRANTON	PA	N41:20:52	W075:39:03	FM 295	: 106.9 A	LIC	31		57.78		1.45	188	2nd Adj	88.78	
WRHB-LP	MIFFLINVILLE	PA	N41:00:55	W076:20:51	FM 290	: 105.9 L1	LIC	29		62.49		0.00	30	3rd Adj	91.49	
W295CV	HAZLETON	PA	N40:58:10	W075:57:24	FM 295	: 106.9 DX	CP	0		62.64		0.00	0	2nd Adj	62.64	
WQXR-FM	NEWARK	NJ	N40:44:54	W073:59:10	FM 290	: 105.9 B1	LIC	48		76.67		0.61	416	3rd Adj	124.67	
W240CY	MT BETHEL	NJ	N40:37:17	W074:30:15	FM 240	: 95.9 DX	LIC	0		79.50		0.00	0	IF	79.50	
WPYX	ALBANY	NY	N42:38:09	W074:00:05	FM 293	: 106.5 B	LIC	178		81.46		15.50	275	Co-Cha	259.46	
WBHD	OLYPHANT	PA	N41:26:09	W075:43:45	FM 239	: 95.7 A	AP	10		89.78		0.60	308	IF	99.78	
WBHD	OLYPHANT	PA	N41:26:09	W075:43:45	FM 239	: 95.7 A	LIC	10		89.78		0.60	308	IF	99.78	
WFME-FM	MOUNT KISCO	NY	N41:11:09	W073:40:41	FM 292	: 106.3 A	LIC	72		91.80		0.98	135	1st Adj	163.80	
W296CD	JONESTOWN	PA	N41:07:35	W076:15:59	FM 296	: 107.1 DX	LIC	0		93.53		0.01	261	3rd Adj	93.53	
WKBP	BENTON	PA	N41:09:32	W076:24:06	FM 240	: 95.9 A	LIC	10		94.54		4.20	117	IF	104.54	
WWZY	LONG BRANCH	NJ	N40:18:17	W073:59:08	FM 296	: 107.1 A	LIC	31		95.76		5.00	110	3rd Adj	126.76	
WJSE	NORTH CAPE MAY	NJ	N39:07:48	W074:47:17	FM 292	: 106.3 A	LIC	72		96.77		5.40	105	1st Adj	168.77	
W292ET	LANCASTER	PA	N40:01:00	W076:20:16	FM 292	: 106.3 DX	LIC	0		97.59		0.08	0	1st Adj	97.59	
WKBP-FM	BLOOMSBURG	PA	N40:59:45	W076:27:46	FM 240	: 95.9 DB	CP	0		98.72		0.10	0	IF	98.72	
WCDW	PORT DICKINSON	NY	N42:03:22	W075:56:39	FM 294	: 106.7 A	LIC	72		98.95		1.20	221	1st Adj	170.95	
W291AP	SCRANTON	PA	N41:25:41	W075:44:50	FM 291	: 106.1 DX	LIC	0		99.32		0.01	371	2nd Adj	99.32	
WYCO-LP	YORK	PA	N39:57:35	W076:43:50	FM 291	: 106.1 L1	LIC	29		99.67		0.00	0	2nd Adj	128.67	

Kevin Fitzgerald  
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296 -49.88  
178 -21.84  
143 -11.98  
160 4.79  
158 -5.18  
217 28.31  
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036 17.65  
314 4.48  
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271 9.86  
009 10.57  
081 28.67  
029 23.71  
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348 63.78  
303 62.49  
316 62.64  
081 82.67  
085 79.50  
028 116.46  
346 89.78  
346 89.78  
065 114.80  
312 93.53  
309 94.54  
103 101.76  
161 119.77  
231 29.59  
299 98.72  
346 121.95  
345 99.32  
239 99.67