

Kevin Fitzgerald
 Job: W281BP Elmira Tran Int.fmj
 Master Database: 2016_Oct_11.fmd
 Lat: N42:01:55 Lon: W076:47:01 NAD-27
 Channel: 228 Class: A
 Status: Licensed, Construction Permit, Application
 Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF
 Range: 100 km
 Comments: No Comments
 Description: W281BP, 93.5, Elmira, NY; Spacing Study

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 Date: 10/12/2016 12:00:09 PM
 rfInvestigator Version 3.8.3
 by rfSoftware, Inc.

| Callsign | City | Stat | Latitude (NA) | Longitude (NAD) | Ser Channel | Cla | Stat | 73 | 207 | 73 | 207 | ERP | HAA | Adjac | Distan | Be | Vert | 73 | 215 | CI |
|----------|------------|------|---------------|-----------------|-------------------|-----|------|-----|--------|-------|-----|-------|-------|----------|--------|----|------|----|-----|----|
| WVBR-FM | ITHACA | NY | N42:25:42 | W076:26:57 | FM 228 : 93.5 MHz | A | LIC | 115 | -63.03 | 3.00 | 76 | Co-C | 51.97 | 0323.00 | -40.03 | | | | | |
| WQRW | WELLSVILLE | NY | N42:11:25 | W077:49:17 | FM 228 : 93.5 MHz | A | LIC | 115 | -27.38 | 1.10 | 234 | Co-C | 87.62 | 2821.10 | -4.38 | | | | | |
| WBZD-FM | MUNCY | PA | N41:12:42 | W076:57:16 | FM 227 : 93.3 MHz | B1 | LIC | 96 | -3.79 | 1.70 | 372 | 1st A | 92.21 | 1891.70 | 20.21 | | | | | |
| W230BB | ELMIRA | NY | N42:01:55 | W076:47:02 | FM 230 : 93.9 MHz | DX | LIC | 0 | 0.03 | 0.10 | 0 | 2nd A | 0.03 | 2530.10 | 0.03 | | | | | |
| W226BA | ELMIRA | NY | N42:07:51 | W076:47:26 | FM 226 : 93.1 MHz | DX | CP | 0 | 11.00 | 0.25 | 0 | 2nd A | 11.00 | 3570.25 | 11.00 | | | | | |
| W226BA | ELMIRA | NY | N42:09:24 | W076:49:54 | FM 226 : 93.1 MHz | DX | LIC | 0 | 14.41 | 0.00 | 0 | 2nd A | 14.41 | 3440.00 | 14.41 | | | | | |
| W229AR | WAVERLY | NY | N42:00:31 | W076:33:28 | FM 229 : 93.7 MHz | DX | LIC | 0 | 18.89 | 0.00 | 0 | 1st A | 18.89 | 0980.00 | -49.11 | | | | | |
| WJOB-FM | SUSQUEHA | PA | N41:59:08 | W075:40:57 | FM 227 : 93.3 MHz | A | LIC | 72 | 19.37 | 1.90 | 170 | 1st A | 91.37 | 0931.90 | 42.37 | | | | | |
| W281BP | SAYRE | PA | N41:57:36 | W076:32:58 | FM 281 : 104.1 M | DX | LIC | 0 | 20.99 | 0.10 | 0 | IF | 20.99 | 1120.00 | 20.99 | | | | | |
| W229AS | CORNING | NY | N42:08:35 | W077:03:09 | FM 229 : 93.7 MHz | DX | LIC | 0 | 25.44 | 0.05 | 0 | 1st A | 25.44 | 2990.05 | -42.56 | | | | | |
| W281BA | CORNING | NY | N42:08:31 | W077:04:40 | FM 281 : 104.1 M | DX | LIC | 0 | 27.24 | 0.01 | 123 | IF | 27.24 | 2970.01 | 27.24 | | | | | |
| WQKA-LP | PULTENEY | NY | N42:31:11 | W077:07:56 | FM 225 : 92.9 MHz | L1 | LIC | 29 | 32.34 | 0.00 | 43 | 3rd A | 61.34 | 3320.00 | 32.34 | | | | | |
| WCIP | CLYDE | NY | N42:59:38 | W076:51:59 | FM 229 : 93.7 MHz | A | LIC | 72 | 35.07 | 3.80 | 100 | 1st A | 107.0 | 3563.80 | 58.07 | | | | | |
| WSJR | DALLAS | PA | N41:15:43 | W075:58:04 | FM 229 : 93.7 MHz | A | LIC | 72 | 37.24 | 1.45 | 207 | 1st A | 109.2 | 1421.45 | 60.24 | | | | | |
| W228CH | TOWANDA | PA | N41:47:33 | W076:26:03 | FM 228 : 93.5 MHz | DX | LIC | 0 | 39.33 | 0.00 | 0 | Co-C | 39.33 | 1330.02 | 39.33 | | | | | |
| W281AT | ITHACA | NY | N42:23:13 | W076:40:11 | FM 281 : 104.1 M | DX | LIC | 0 | 40.54 | 0.01 | 272 | IF | 40.54 | 0130.01 | 40.54 | | | | | |
| W228CH | TOWANDA | PA | N41:46:33 | W076:25:58 | FM 228 : 93.5 MHz | DX | CP | 0 | 40.71 | 0.01 | 0 | Co-C | 40.71 | 1340.01 | 40.71 | | | | | |
| WNTQ | SYRACUSE | NY | N42:56:48 | W076:01:28 | FM 226 : 93.1 MHz | B | LIC | 69 | 50.25 | 97.00 | 201 | 2nd A | 119.2 | 03297.00 | 56.25 | | | | | |
| W230BM | WELLSBOR | PA | N41:45:36 | W077:17:32 | FM 230 : 93.9 MHz | DX | LIC | 0 | 51.91 | 0.00 | 39 | 2nd A | 51.91 | 2340.04 | 51.91 | | | | | |
| WMGS | WILKES-BA | PA | N41:10:56 | W075:52:22 | FM 225 : 92.9 MHz | B | LIC | 69 | 52.13 | 5.30 | 422 | 3rd A | 121.1 | 1415.30 | 58.13 | | | | | |
| W225AT | WELLSBOR | PA | N41:44:41 | W077:17:35 | FM 228 : 93.5 MHz | DX | APP | 0 | 52.97 | 0.20 | 0 | Co-C | 52.97 | 2330.20 | 52.97 | | | | | |
| W225AT | WELLSBOR | PA | N41:44:41 | W077:17:35 | FM 225 : 92.9 MHz | DX | LIC | 0 | 52.97 | 0.01 | 0 | 3rd A | 52.97 | 2330.01 | 52.97 | | | | | |
| WQDD-LP | GIRARDVILL | PA | N40:46:45 | W076:13:47 | FM 228 : 93.5 MHz | L1 | LIC | 92 | 54.64 | 0.00 | 68 | Co-C | 146.6 | 1620.00 | 79.64 | | | | | |
| WKXZ | NORWICH | NY | N42:32:51 | W075:27:09 | FM 230 : 93.9 MHz | B | LIC | 69 | 54.82 | 26.00 | 206 | 2nd A | 123.8 | 06226.00 | 60.82 | | | | | |
| WMRV | DANSVILLE | NY | N42:30:45 | W077:38:07 | FM 230 : 93.9 MHz | A | LIC | 31 | 57.24 | 0.57 | 226 | 2nd A | 88.24 | 3070.57 | 63.24 | | | | | |
| WWYL | CHENANGO | NY | N42:03:29 | W075:57:15 | FM 281 : 104.1 M | A | LIC | 10 | 58.74 | 0.93 | 254 | IF | 68.74 | 0880.93 | 58.74 | | | | | |
| WSBG | STROUDSB | PA | N40:56:53 | W075:09:38 | FM 228 : 93.5 MHz | A | CP | 115 | 66.28 | 0.43 | 266 | Co-C | 181.2 | 1320.43 | 89.28 | | | | | |
| WSBG | STROUDSB | PA | N40:56:56 | W075:09:29 | FM 228 : 93.5 MHz | A | LIC | 115 | 66.38 | 0.55 | 233 | Co-C | 181.3 | 1320.55 | 89.38 | | | | | |
| WFKL | FAIRPORT | NY | N43:10:37 | W077:28:39 | FM 227 : 93.3 MHz | A | LIC | 72 | 67.36 | 4.40 | 117 | 1st A | 139.3 | 3364.40 | 90.36 | | | | | |
| WARW | REMSEN | NY | N43:16:51 | W075:18:14 | FM 228 : 93.5 MHz | A | LIC | 115 | 69.31 | 2.10 | 172 | Co-C | 184.3 | 0412.10 | 92.31 | | | | | |
| WQKX | SUNBURY | PA | N40:47:10 | W076:41:49 | FM 231 : 94.1 MHz | B | LIC | 69 | 69.55 | 16.00 | 268 | 3rd A | 138.5 | 17716.00 | 75.55 | | | | | |
| W225BC | ENDICOTT | NY | N42:03:22 | W075:56:39 | FM 225 : 92.9 MHz | DX | LIC | 0 | 69.56 | 0.00 | 220 | 3rd A | 69.56 | 0880.17 | 69.56 | | | | | |
| W225BC | ENDICOTT | NY | N42:03:22 | W075:56:39 | FM 225 : 92.9 MHz | DX | CP | 0 | 69.56 | 0.08 | 0 | 3rd A | 69.56 | 0880.08 | 69.56 | | | | | |
| W226AP | HORNELL | NY | N42:16:02 | W077:37:55 | FM 226 : 93.1 MHz | DX | LIC | 0 | 74.84 | 0.02 | 76 | 2nd A | 74.84 | 2900.02 | 74.84 | | | | | |
| WJOB-FM | BINGHAMTON | NY | N42:06:49 | W075:51:46 | FM 227 : 93.3 MHz | DB | LIC | 0 | 76.75 | 0.26 | 0 | 1st A | 76.75 | 0830.26 | 6.75 | | | | | |
| W282BK | TUNKHANN | PA | N41:30:45 | W076:04:16 | FM 282 : 104.3 M | DX | LIC | 0 | 82.70 | 0.25 | 351 | IF | 82.70 | 1340.25 | 82.70 | | | | | |
| WBLK | DEPEW | NY | N42:53:10 | W078:52:25 | FM 229 : 93.7 MHz | B | LIC | 113 | 83.37 | 47.00 | 154 | 1st A | 196.3 | 29947.00 | 100.37 | | | | | |
| WJNN-LP | MONTICELL | NY | N41:43:22 | W074:40:44 | FM 228 : 93.5 MHz | L1 | LIC | 92 | 86.07 | 0.00 | 63 | Co-C | 178.0 | 1010.00 | 111.07 | | | | | |
| W281AR | WILLIAMSP | PA | N41:14:35 | W077:00:10 | FM 281 : 104.1 M | DX | CP | 0 | 89.49 | 0.00 | 0 | IF | 89.49 | 1920.10 | 89.49 | | | | | |
| W281AR | WILLIAMSP | PA | N41:14:35 | W077:00:11 | FM 281 : 104.1 M | DX | LIC | 0 | 89.49 | 0.00 | 0 | IF | 89.49 | 1920.10 | 89.49 | | | | | |
| WWKL | MECHANICS | PA | N40:10:38 | W076:52:38 | FM 228 : 93.5 MHz | A | LIC | 115 | 91.13 | 1.25 | 219 | Co-C | 206.1 | 1821.25 | 114.13 | | | | | |
| W229CK | WILLIAMSP | PA | N41:13:07 | W076:57:29 | FM 229 : 93.7 MHz | DX | CP | 0 | 91.50 | 0.00 | 0 | 1st A | 91.50 | 1890.10 | 23.50 | | | | | |
| WBUS | BOALSBUR | PA | N40:45:08 | W077:45:16 | FM 229 : 93.7 MHz | A | LIC | 72 | 91.69 | 0.33 | 415 | 1st A | 163.6 | 2100.33 | 114.69 | | | | | |
| WWSE | JAMESTOW | NY | N42:05:06 | W079:17:22 | FM 227 : 93.3 MHz | B | LIC | 113 | 94.52 | 26.50 | 196 | 1st A | 207.5 | 27226.50 | 111.52 | | | | | |

A contour study will be provided for WVBRFM, WQRW, WBZDFM, W230BB, W226BA, W229AR, W229AS, W228CH, and W225AT because they are not fully spaced as a Class A FM based on 47 CFR 73.207 or have a contour in proximity of this proposal.