



INDEPENDENT BROADCAST
CONSULTANTS, INC.

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Figure 13E Page 1

FIELD INTENSITY MEASUREMENTS

STATION WB3XNN RADIAL 161 γ
POWER 1 kW. NDA X POWER DA-D ☐ DA-N ☐ DA-I ☐
FREQUENCY 1620 KHZ ENGINEER
FIELD INTENSITY METER FIM-41/Ser. 653 CAL 6/06/02
FIELD INTENSITY METER CAL

| POINT | DIST. KM | NON-DA MV/M | DATE 2005 | TIME TEMP | DA MV/M | DATE | TIME TEMP | RATIO DA/N-DA | DIST. MI. | COMMENTS |
|-------|-------------|----------------|--------------|--------------|------------|------|--------------|------------------|--------------|-------------------------|
| 1 | 0.77 | 48.0 | 2/02 | 11:38A | | | | | 0.48 | #252 7th St. @M'box |
| 2 | 1.14 | 19.5 | 2/01 | 12:51P | | | | | 0.71 | 7th St; telcol300/35 |
| 3 | 1.29 | 19 | 2/02 | 11:36A | | | | | 0.80 | North of I-84 o'pass |
| 4 | 1.37 | 37 | " | 12:17P | | | | | 0.85 | I-84 West; MM 475 |
| 5 | 1.38 | 37 | " | 12:23P | | | | | 0.86 | I-84 East; MM 474 |
| 6 | 1.48 | 12 | " | 11:27A | | | | | 0.92 | 7th St; 14/4 sign |
| 7 | 1.79 | 25 | " | 11:15A | | | | | 1.11 | off Santos Drive |
| 8 | 2.06 | 8.7 | 2/01 | 12:49P | | | | | 1.28 | #165 7th St. |
| 9 | 2.22 | 11 | 2/02 | 11:08A | | | | | 1.38 | Llama Lane & 7th St. |
| 10 | 2.74 | 10 | " | 10:54A | | | | | 1.70 | Chippy Cole Rd; pole 5 |
| 11 | 2.95 | 7.9 | " | 10:47A | | | | | 1.83 | Chippy Cole @ 7th St. |
| 12 | 3.19 | 6.6 | " | 10:38A | | | | | 1.98 | 6th St. @ West John |
| 13 | 3.41 | 7.35 | 2/01 | 12:40P | | | | | 2.12 | 5th St. @ West George |
| 14 | 3.60 | 6.6 | 2/02 | 10:26A | | | | | 2.24 | High St. @ Broad |
| 15 | 3.96 | 6.2 | " | 10:19A | | | | | 2.46 | 3rd St. @ Catherine |
| 16 | 5.17 | 1.62 | 1/13 | 9:31A | | | | | 3.21 | Milford Beach Pk. Plot |
| 17 | 5.57 | 1.6 | 1/12 | 9:35A | | | | | 3.46 | Rt. 521 @ curve in rd. |
| 18 | 6.32 | 1.7 | 1/13 | 9:53A | | | | | 3.93 | Robin Hill @ Armstrong |
| 19 | 6.92 | 1.5 | " | 9:43A | | | | | 4.30 | Rt. 650; pole 608MG |
| 20 | 7.64 | 0.62 | " | 10:04A | | | | | 4.75 | Red Hill Rd; pole #6 |
| 21 | 8.05 | 0.72 | " | 10:15A | | | | | 5.00 | unamed rd; pole #14 |
| 22 | 8.21 | 0.48 | " | 10:19A | | | | | 5.10 | Red Hill Rd. |
| 23 | 8.59 | 0.86 | " | 10:22A | | | | | 5.34 | #40 Red Hill Rd. |
| 24 | 9.29 | 0.60 | " | 10:28A | | | | | 5.77 | #153 New Road |
| 25 | 10.90 | 0.58 | " | 10:38A | | | | | 6.77 | d'end Bier/E.Shayt.Rd |
| 26 | 14.48 | 0.13 | " | 11:15A | | | | | 9.00 | Stokes St.For;d'end |
| 27 | 15.18 | 0.15 | " | 11:23A | | | | | 9.43 | Skellinger @ pole 28 |
| 28 | 20.55 | 0.11 | " | 12:10P | | | | | 12.77 | Rt. 519 & 636 |
| 29 | 21.82 | 0.12 | " | 12:20P | | | | | 13.56 | Perry Rd. @ closed bge. |
| 30 | 22.51 | 0.098 | " | 12:30P | | | | | 13.99 | Wykertown Rd.@Cassand. |
| 31 | 23.24 | 0.095 | " | 12:35P | | | | | 14.44 | #46 George Hill Rd. |
| 32 | 24.08 | 0.70 | " | 12:41P | | | | | 14.96 | Pines Rd. |
| 33 | 25.57 | 0.084 | " | 12:54P | | | | | 15.89 | Park; Dickerson Rd. |
| 34 | 27.05 | 0.088 | " | 1:00P | | | | | 16.81 | Rt.565 @park ent. |
| 35 | 28.79 | 0.080 | " | 1:11P | | | | | 17.89 | Rt. 206 @speed sign |
| 36 | 30.79 | 0.050 | " | 1:24P | | | | | 19.13 | Rt. 94 @Meadows Rd. |
| 37 | 32.80 | 0.068 | " | 1:36P | | | | | 20.38 | Rt. 621; fld @ S-cve. |
| 38 | 34.75 | 0.064 | " | 2:15P | | | | | 21.59 | Rt. 648 @669 |

(most distances scaled from engineer's GPS coordinates)

Maps depicting measurement points available on Commission request

Measurements performed December 2004 - February 2005 from SFTA; 1620 kHz; WB3XNN

