

# Exhibit 15-F-17

## Field Intensity Measurement Data WVBE Bearing N 160.0 E

R. Morgan Burrow, P.E. & Associates, P.C.  
1841 Highland Ridge Rd., Berkeley Springs, WV 25411

WVBE 610 kHz 1/5 kW DA-2-U Roanoke, VA. Aug. 2004 DA-Day allocation meas. Bearing N 160.0 E

Pt No.	Distance (Miles) (Km.)		DA-Day (mV/m)	Point Description	Meas. Date:Time Times Local (EDT)	GPS Coordinates (D,M,S - D,M,S)
1	1.9600	3.1543	95.000	Corner of Roanoke Blvd and Easton Rd. (Salem VA)	08102004:1256	37,16,35.1-80,01,49.0
2	2.6400	4.2487	64.000	Apperson Dr. at Roanoke River	" :1210	37,16,01.8-80,01,34.2
3	3.1200	5.0212	62.000	4310 Cravens Creek	" :1316	37,15,38.0-80,01,22.9
4	3.6600	5.8902	48.000	4017 Chesterton St. SW	" :1323	37,15,11.6-80,01,11.6
5	4.2400	6.8236	46.000	2512 Charming Cross Dr. SW	" :1333	37,14,43.0-80,00,58.1
6	4.6000	7.4030	36.800	3606 Hyde Park Dr.	" :1342	37,14,25.5-80,00,50.2
7	5.0400	8.1111	29.500	4040 Postal Dr. SW	" :1358	37,14,03.6-80,00,40.5
8	5.7700	9.2859	23.800	4633 Vest Dr.	" :1413	37,13,27.9-80,00,24.5
9	6.3100	10.1550	20.900	Corner of Kenwick Tr. and Verona Tr.	" :1454	37,13,02.6-80,00,12.6
10	6.8100	10.9596	20.300	3763 Hummingbird	" :1502	37,12,37.5-80,00,01.5
11	7.4400	11.9735	7.000	Stanky Rd. at Greenbrier Nurseries	" :1510	37,12,06.8-79,59,47.5
12	8.1700	13.1483	10.500	GPS loc. on Blue Ridge Pkwy.	" :1536	37,11,31.4-79,59,31.2
13	9.7300	15.6589	9.000	GPS loc. on Starlita Dr.	" :1605	37,10,15.0-79,58,55.7
14	10.9000	17.5418	7.200	GPS loc. on Boones Chapel Rd.	" :1613	37,09,17.5-79,58,30.1
15	14.0000	22.5308	2.550	GPS loc. on T. 1607	" :1642	37,06,42.1-79,47,20.7
16	15.3000	24.6230	1.150	GPS loc. on Grassy Hill Rd.	" :1656	37,05,42.0-79,56,53.1
17	16.8000	27.0370	2.180	GPS loc. on Hwy. 693	" :1703	37,04,29.1-79,56,19.7
18	19.1000	30.7385	1.790	GPS loc. on Hwy. 919	" :1738	37,02,34.4-79,55,28.0
19	21.6000	34.7618	1.450	GPS loc. on Hwy. 820	" :1807	37,00,29.5-79,54,31.8
20	23.5000	37.8196	1.110	30 Scuffling Hill Rd.	08112004:1217	36,58,59.9-79,53,50.9
21	25.1000	40.3945	1.020	50 Regency Blvd.	" :1231	36,57,38.5-79,53,14.3
22	27.5000	44.2570	0.910	GPS loc. on Commerce Rd.	" :1242	36,53,42.1-79,52,21.9
23	30.4000	48.9241	0.650	GPS loc. on Hwy. 724 near Sydnorsville, VA	" :1256	36,53,17.9-79,51,17.1
24	35.1000	56.4880	0.440	GPS loc. on Coopers Mtn. Rd. (Hwy. 632)	" :1319	36,49,28.6-79,49,33.9
25	38.6000	62.1207	0.330	1100 Serenity Dr.	" :1341	36,46,34.9-79,48,15.5
26	42.2000	67.9143	0.282	3913 Chatham Rd. (Hwy. 57)	" :1357	36,43,38.6-79,46,56.6
27	46.1000	74.1908	0.178	GPS loc. on US 58 EB near Martinsville, VA	" :1445	36,40,29.8-79,45,32.1
28	50.3000	80.9500	0.238	GPS loc. on Hwy. 625	" :1509	36,27,02.5-79,43,58.5
29	54.8000	88.1920	0.210	GPS loc. on Cascade Rd.	" :1524	36,33,21.7-79,42,20.8
30	60.1000	96.7216	0.125	GPS loc. on Hwy. 700	" :1610	36,29,02.0-79,40,24.8
31	66.6000	107.1823	0.115	GPS loc. on US 29 business	" :1655	36,23,41.9-79,38,03.0
32	74.5000	119.8961	0.085	GPS loc. on Hwy. 87 near Williamsburg, NC	" :1735	36,17,12.1-79,35,09.8

## Exhibit 15-F-17 (cont.)

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33	79.5000	127.9428	0.095	GPS loc. on Brooks Bridge Rd.	08142004:0958	36,13,05.5-79,33,20.2
34	87.2000	140.3348	0.060	Shallowford Church Rd. at Elon Ossippo Rd.	" :1021	36,06,50.5-79,30,34.7
35	96.1000	154.6580	0.072	GPS loc. on Hwy. 49	" :1047	35,59,29.6-79,27,20.8
36	106.5000	171.3951	0.038	Clark Rd. near Holman Hill Rd.	" :1112	35,51,01.5-79,23,38.3
37	113.8000	183.1434	0.045	GPS loc. on Harold Hackney Rd.	" :1137	35,45,02.7-79,21,00.9

Weather Information 08102004: 86 deg., sunny; 08112004: Rainy 71 deg. to sunny 85 deg.; 08142004: 67 deg., rainy.  
Measured by H. Allen Boaz Jr. of WVBE using Potomac Inst. FIM-41 s/n 468, cal. 16 May 2002