

Field Measurement Data
 KWAY (AM) - 1470 KHZ
 Waverly, IA
 June, 2007

Radial: 183-Degrees

		1961	Before	After	2007	2007	07/61	07/61
Point #	Distance MI	Ref DA	mV/m	Date	Time	New mV/m	Ar. Rat.	Log Rat.
1	0.40	60.00	53.00	17-Jun	1:17P	50.00	0.83	-0.079181
2	0.90	26.00	24.00		1:12P	22.20	0.85	-0.06862
3	1.60	11.40	12.50		9:00A	12.50	1.10	0.0400052
4	2.05	10.50	7.20		9:06	7.00	0.67	-0.176091
5	3.60	3.95	4.10		9:12	4.10	1.04	0.0161868
6	4.10	3.40	4.15		9:34	4.20	1.24	0.0917704
7	6.10	1.40	1.40		9:46	1.41	1.01	0.0030911
8	7.10	1.15	1.20		9:53	1.25	1.09	0.0362122
	Totals:						7.82	-0.136627
	Averages:						0.98	0.961
	1961 Analyzed ID Field:					38.62		
	07/61 Radial Log Avg X '61 ID:					37.13		
	Standard Pattern Limit:					39.85		
	Percent of Limit:					93.18%		

Weather/Temp: Sunny, 84
 Meter: SN 755 Potomac FIM-41

Field Measurement Data
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Radial: 210-Degrees

		1961	Before	After	2007	2007	07/61	07/61
Point #	Distance MI	Ref DA	mv/m	Date	Time	New mV/m	Ar. Rat.	Log Rat.
3	2.30	13.80	12.00	17-Jun	10:53A	11.50	0.83	-0.079181
4	MP 2.9	8.40	6.60		10:49	6.60	0.79	-0.104735
5	3.15	6.42	5.00		10:45	4.90	0.76	-0.117339
7	4.35	3.90	3.30		10:38	3.25	0.83	-0.079181
8	5.75	1.50	1.10		10:29	1.12	0.75	-0.126873
10	8.15	0.96	0.60		10:04	0.62	0.65	-0.18988
11	9.30	0.85	0.62		10:10	0.62	0.73	-0.137027
12	9.80	0.81	0.57		10:15	0.59	0.73	-0.137633
	Totals:						6.07	-0.97185
	Averages:						0.76	0.756
	1961 Analyzed ID Field:					51.49		
	07/61 Radial Log Avg X '61 ID:					38.93		
	Standard Pattern Limit:					57.36		
	Percent of Limit:					67.86%		

Weather/Temp: Sunny, 88
 Meter: Potomac FIM-41

Field Measurement Data
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Radial: 237-Degrees

		1961	Before	After	2007	2007	07/61	07/61
Point #	Distance MI	Ref DA	New mV/m	Date	Time	New mV/m	Ar. Rat.	Log Rat.
3	3.75	2.46	2.15	17-Jun	11:15A	2.15	0.87	-0.058497
4	4.60	2.41	2.25		11:23	2.45	1.02	0.007149
5	MP 4.90	2.51	2.70		11:27	2.70	1.08	0.03169
6	5.50	1.95	1.75		11:30	1.85	0.95	-0.022863
7	6.10	1.33	1.45		11:39	1.90	1.43	0.154902
8	7.35	1.38	1.55		11:44	1.65	1.20	0.0776049
9	7.85	1.28	1.90		11:48	1.90	1.48	0.1715436
10	9.65	1.05	0.88		12:01P	0.83	0.79	-0.102111
	Totals:						8.81	0.2594188
	Averages:						1.10	1.078
	1961 Analyzed ID Field:					33.79		
	07/61 Radial Log Avg X '61 ID:					36.41		
	Standard Pattern Limit:					39.89		
	Percent of Limit:					91.27%		

Weather/Temp: Sunny, 90
 Meter: Potomac FIM-41

Field Measurement Data
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Radial: 285-Degrees

		1961	Before	After	2007	2007	07/61	07/61
Point #	Distance MI	Ref DA		Date	Time	New mV/m	Ar. Rat.	Log Rat.
1	0.90	152.00	125.00	17-Jun	1:02P	125.00	0.82	-0.084934
2	3.40	35.00	35.00		12:55	34.50	0.99	-0.006249
3	4.30	23.50	26.50		12:50	25.00	1.06	0.0268721
4	5.35	16.50	15.00		12:31	14.00	0.85	-0.071356
5	6.40	7.10	7.80		12:23	7.40	1.04	0.0179734
6	10.55	5.00	4.60		12:15	4.60	0.92	-0.036212
	Totals:						5.68	-0.153905
	Averages:						0.95	0.943
	1961 Analyzed ID Field:					228.48		
	07/61 Radial Log Avg X '61 ID:					215.38		
	Standard Pattern Limit:					228.13		
	Percent of Limit:					94.41%		

Weather/Temp: Sunny, 90
 Meter: Potomac FIM-41
 Note: No other points available due to Cedar River
 Damp soil conditions following rain