

CONSOLIDATED TECHNICAL STATEMENT (Continued)

Colonial Radio Group, Inc.

WNMB(AM) North Myrtle Beach, South Carolina

Nighttime "Outgoing" Allocations Study

Callsign	Location	Azimuth	Angle		SWFF (100uV/m)	Req Prot (mV/m)	Permis. (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
			Low	High					
WAYN	Rockingham, NC, US	324.29	43.52	57.58	352.62	4.050	57.43	56.44	1.00
XEW1/A (76)	Mexico City, DF, MX	212.80	3.45	3.45	23.21	0.867	186.81s	84.29	102.53
XEW/O (76)	Col. Ex-Hacienda, DF, MX	212.78	3.45	3.45	23.20	0.895	192.90s	84.29	108.62
CHML/A	Hamilton, ON, CA	355.96	8.07	8.07	59.94	2.347	195.80	83.37	112.43
CHML/O	Hamilton, ON, CA	354.13	7.82	7.82	58.08	2.344	201.76	83.45	118.31
WKXV	Knoxville, TN, US	298.17	13.97	23.03	110.69	4.540	205.10	81.17	123.93
WJTH	Calhoun, GA, US	278.77	12.98	21.59	102.25	4.851	237.19	81.62	155.57
WIAM	Williamston, NC, US	34.75	26.97	40.33	231.68	11.591	250.16	72.65	177.51
WACA	Laurel, MD, US	16.03	11.93	20.05	89.92	5.391	299.76	82.08	217.68
CKTS/A	Sherbrooke, QC, CA	22.09	4.53	4.53	31.12	2.204	354.20	84.15	270.05
New 900	Sherbrooke, QC, CA	22.09	4.53	4.53	31.12	2.204	354.20	84.15	270.05
CJER/	St. Jerome, QC, CA	15.43	4.70	4.70	32.42	2.875	443.36	84.12	359.25
CJER/U	St. Jerome, QC, CA	15.43	4.70	4.70	32.42	2.875	443.36	84.12	359.20

Notes on the above table:

- 1) "Margin" indicates the difference between the permissible radiation toward the station and the actual radiation of the proposed station.
- 2) *If the margin number is negative, it indicates a violation of the rules.*
- 3) *No negative numbers are shown above.*
- 4) Stations with margins above 400 mV/m omitted for brevity.
- 5) "s" in the Permissible column means that the Skywave signal was used, point was clipped at border (signal at border used)
- 6) For stations shown in the above tabulation where the entire contour is being protected (XEW1/A, XEW/O), only the point with the smallest margin is shown. A full tabulation showing the margin along the entire protected contour can be provided upon request.
- 7) Stations CMKB-D, WLS, CBC-B, YVMD-B, UNK-A, CKBI/A, HJDP-B, HJEY-B, and KBBI are not listed in the above since the smallest margin is well beyond 400 mV/m. A full tabulation showing the margin along the entire protected contour can be provided upon request.

Based upon the above tabulation, there is no increase in radiation above the permissible level. Therefore, it is believed that this proposal satisfies all pertinent FCC nighttime allocation requirements.

Monitoring Stations, Quiet Zones, Borders

The nearest FCC monitoring station is at Powder Springs, Georgia at a distance of over 500 km from the proposed replacement WNMB site. This exceeds by a significant margin the minimum distance specified in §73.1030(c)(3) that would suggest consideration of the monitoring station. This site is also located over 400 km from the National



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Radio Astronomy Observatory (“NRAO”) “quiet zone” located at Green Bank, West Virginia. Advance coordination is not required since the proposed operation does not fall under the quiet zone bounds contained in Section 73.1030(a)(1) of the FCC’s Rules. The proposed site is located over 900 km from the Canadian border and over 1900 km from the Mexican border. As such, international coordination is not believed to be required.

Nearby Broadcast Stations – Interference Considerations

AM Stations: It is proposed herein to share a common antenna tower with co-owned, non-directional Station WMIR(AM). Custom designed RF combining equipment (a “diplexer”) will be installed to permit the sharing of the existing tower. While no undesired interaction is expected to occur due to the use of the diplexer’s filter and trap systems, post-construction spectrum analysis will be conducted to ensure that the FCC’s emission requirements have been met. Additionally, antenna base impedance measurements will be made after the installation of the diplexing equipment to establish the power determining reference for both WMIR and WNMB.

With respect to other nearby AM stations, based on information extracted from the FCC’s databases, it was determined that there are no AM broadcast stations located within 15 km of the proposed site and none of the closest stations is close enough to trigger consideration. As such, the notification/study distances set forth in FCC Rule Sections 1.30002(a) and (b) are not a factor; further, the proposed addition of WNMB to this tower would not constitute a significant change to the tower structure. Accordingly, no adverse impact is expected to occur with regard to other existing AM stations as a result of a grant of this proposal.

FM and TV Stations: The closest FM station, W238CJ, is located at the proposed site. WYNA(FM) is located 1.8 km distant. The next closest FM station is WEZV, over 6 km distant. The nearest TV broadcast or TV translator authorization is located over 6 km the proposed site. As such, undesired interaction and the generation of intermodulation products is not expected to occur with respect to nearby FM or TV stations due to the involved distances and the great separation in frequencies.

Environmental Considerations – Site Factors and Human Exposure to Radiofrequency Radiation (RFR)

Site Factors: This application for minor modification specifies the use of an existing tower at an existing transmitter site with no material physical changes being required to implement the diplexed operation proposed herein. According to the notes contained in FCC Rules Section 1.1306, the use of existing towers and sites is deemed to be an environmentally desirable alternative to the construction of new tower facilities. Accordingly, it is believed that this proposal may be excluded from the provisions of Section 1.1306 of the FCC’s Rules and is not subject to environmental processing.

RF Exposure: The operation being proposed herein was evaluated for human exposure to radiofrequency energy (“RFR”) using the procedures outlined in the FCC’s **OET Bulletin No. 65** (“OET-65”). Based upon that

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methodology, and as will be shown in the following pages, it is believed the proposed modified WNMB operation will comply with those guidelines. This application for relocation of the WNMB transmitting facility specifies the use of a single tower with the intention to operate the station non-directionally at a nominal power of 0.25 kW during daytime hours, and 0.08 kW during nighttime hours. The electrical height of the involved radiator will be 78.67° at the WNMB operating frequency of 900 kHz (when adding the vertical structure height above the insulator and the electrical length of the top-loading). A locked, posted fence is already in place around the existing antenna structure which limits access to distances no closer than 3 meters from any antenna conductor. Therefore, for the purposes of this analysis, a distance of 3 meters was assumed to be the “closest point of approach” to the radiating element.

Proposed WNMB RFR Calculation Results

WNMB(AM) 0.25 kW Exposure Summary Uncontrolled / General Population			
	<u>MPE</u>	<u>Calculated Value</u>	<u>Percent</u>
E (V/m):	614	59.048	0.92
H (A/m):	1.63	0.180	1.22

Note: “MPE” denotes the maximum permissible exposure limit guidelines.

As shown above, for the proposed WNMB operation at the maximum site (daytime) power of 0.25 kW, the OET-65 calculated total *electrical field* at the presumed 3 meter closest point of approach would be 0.92% of the uncontrolled/general population limit. The calculated magnetic field would be 1.22.% of this limit. When operating as proposed with 0.08 kW, non-directionally, during nighttime hours, the calculated RF exposure levels will be much lower than the daytime 0.25 kW level. It is thus believed that excessive levels of RF energy attributable to the proposed WNMB operation will not be present at accessible areas near the antenna base outside the restricted access base enclosure area.

Further, FCC Rule Section 1.1307(b)(3) states that facilities are categorically excluded from responsibility for taking any corrective action in the areas where their contribution is less than five percent of the exposure limit. Since the instant situation meets the five percent exclusion test at all ground level areas outside the tower fence enclosure, the impact of any other facilities near this site may be considered independently from this proposal. Accordingly, it is believed that the impact of the proposed operation should not be considered to be a factor at or near ground level as defined under FCC Rule Section 1.1307(b).

The above notwithstanding, the contribution of the existing host station, WMIR, was also evaluated for completeness. WMIR operates on 1200 kHz at a nominal power of 6.5 kW during daytime hours, and 0.011 kW during nighttime hours. The electrical height of the WMIR radiator is 104.9° at 1200 kHz (when adding the vertical structure height above the insulator and the electrical length of the top-loading). As mentioned previously, a

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locked, posted fence is already in place around the existing antenna structure which limits access to distances no closer than 3 meters from any antenna conductor. Therefore, for the purposes of this analysis, a distance of 3 meters was assumed to be the “closest point of approach” to the radiating element.

WMIR RFR Calculation Results

WMIR(AM) 6.5 kW Exposure Summary Uncontrolled / General Population			
	<u>MPE</u>	<u>Calculated Value</u>	<u>Percent</u>
E (V/m):	614	91.966	2.24
H (A/m):	1.63	0.578	12.59

Thus, for the proposed WMIR operation at the maximum site (daytime) power of 6.5 kW, the OET-65 calculated total *electrical field* at the presumed 3 meter closest point of approach would be 2.24% of the uncontrolled/general population limit. The calculated magnetic field would be 12.59% of this limit. When operating during nighttime hours with 0.011 kW, the calculated RF exposure levels will be much lower. As such, excessive levels of RF energy attributable to the WMIR operation will not be present at accessible areas near the antenna base outside the restricted access base enclosure area. When considering the total contributions of the daytime WMIR operation and the proposed daytime WNMB facility, the total calculated electrical field at the fence boundary would be 3.16 % (0.92% plus 2.24%) while the total calculated magnetic field at the fence boundary would be 13.81% (1.22% plus 12.59%), well below the FCC’s maximum uncontrolled RFR limit.

Additionally, consideration was given to the collocated W238CJ translator, utilizing the FCC’s *FM Model* utility. Based upon the assumptions of the translator using a four element, half-wave spaced, circularly polarized, opposed V dipole antenna, at 250 Watts (0.25 kW) effective radiated power, at 71 meters above ground level, *FM Model* shows a maximum RF energy contribution of 0.077 $\mu\text{W}/\text{cm}^2$ at the site, for an additional 0.04% of the public exposure limit for RF energy. Thus, even considering the collocated translator, the calculated RFR total for the site at is still below the FCC’s Uncontrolled/General Population RF exposure limit.

Finally, RF exposure and warning signs will continue to be posted on all fence faces and enclosure entry points. As a result, members of the general public are not expected to be exposed to RF energy in excess of the FCC’s published Uncontrolled/General Population guidelines. With respect to worker safety, a site exposure policy will continue to be employed to protect authorized workers from excessive RF exposure when work must be performed in the vicinity of or on the tower. Such protective measures include, but are not limited to, restriction of access to areas where levels in excess of the guidelines may be expected, power reduction, occupancy time limits, or the complete shutdown of facilities when work or inspections must be performed in areas where the exposure guidelines will be exceeded. Further, no tower worker is permitted to climb an energized tower. Based on the preceding, it is believed that this proposal will be in compliance with the FCC’s present RF exposure requirements.

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Appendix I

Tabulation of Measured Conductivity Data

<u>Station Callsign</u>	<u>Station Information</u>	<u>Azimuth (Degrees T)</u>	<u>Conductivity (mS/m)</u>	<u>Distance from Transmitter to end of conductivity (km)</u>	
WMIR	Atlantic Beach, SC 1200 kHz, 6.5 kW Non-DA Measurement	04	0.5	8.0	
			1.25	30.2	
			0.5	60.0	
	218			0.1	6.92
				1.0	14.15
				2.5	31.22
				1.25	43.50
				0.5	71.48
				2.0	105.0
	284			0.1	3.08
				1.5	14.0
				1.25	39.4
				0.5	89.93
				0.1	128.0
	304			0.75	19.0
				0.5	105.0
	324			1.0	7.0
				1.25	21.0
0.7				91.45	
0.1				147.28	
344			0.5	7.8	
			0.75	27.7	
			1.0	58.0	
WAYN	Rockingham, NC 900 kHz, 1 kW Non-DA Measurement	144	1.5	3.2	
			1.0	146.55	
WTMZ	Dorchester Terr,-Bre, SC 910 kHz, 0.5 kW Non-DA Measurement	46	1.0	6.3	
			3.0	18.0	
			2.0	62.0	
			2.5	131.0	

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Appendix II

Field Strength Measurement Data

WMIR 1200 kHz 6.5 kW Non-DA

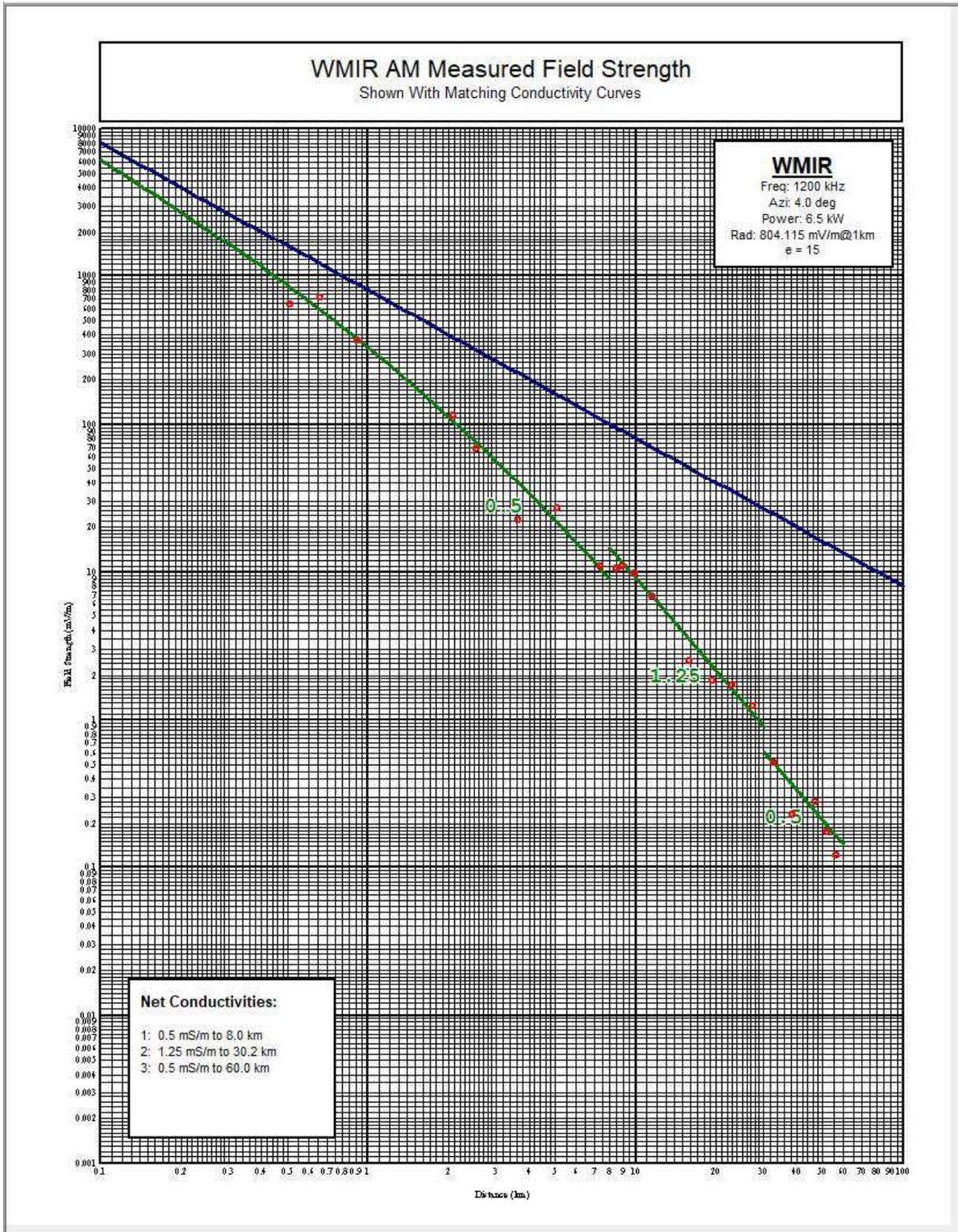
4 Degree Radial

Point Number	Distance		Field (mV/m)	Date	Time
	(km)	(mi)			
1	0.51	0.32	640	12/5/2021	1338
2	0.66	0.41	720	12/5/2021	1340
3	0.91	0.57	370	12/5/2021	1342
4	2.08	1.29	115	12/5/2021	1346
5	2.53	1.57	68	12/5/2021	1349
6	3.63	2.26	22.5	12/5/2021	1401
7	5.09	3.16	27	12/5/2021	1412
8	7.39	4.59	11	12/5/2021	1444
9	8.49	5.28	10.5	12/5/2021	1447
10	8.92	5.54	11	12/5/2021	1450
11	9.91	6.16	9.8	12/5/2021	1453
12	11.59	7.2	6.9	12/5/2021	1457
13	15.85	9.85	2.5	12/5/2021	1506
14	19.36	12.03	1.85	12/5/2021	1514
15	23	14.29	1.72	12/5/2021	1522
16	27.51	17.09	1.25	12/5/2021	1529
17	32.85	20.41	0.52	12/5/2021	1538
18	38.39	23.85	0.23	12/5/2021	1546
19	46.92	29.15	0.28	12/5/2021	1557
20	52.12	32.39	0.175	12/5/2021	1605
21	56.29	34.98	0.12	12/5/2021	1616

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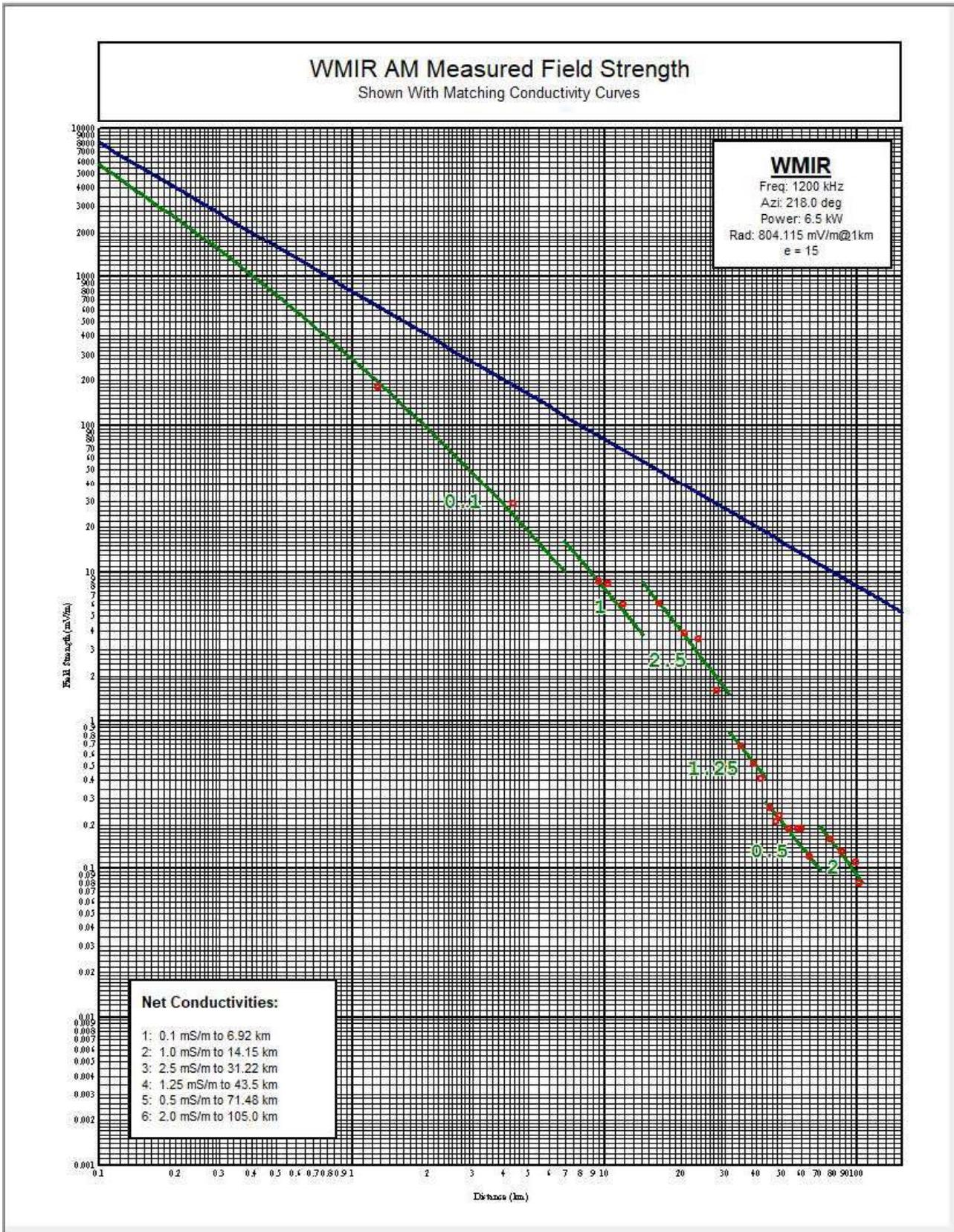
218 Degree Radial

Point Number	Distance		Field	Date	Time
	(km)	(mi)	(mV/m)		
1	1.27	0.79	180	11/7/2021	1032
2	4.36	2.71	29.0	11/7/2021	1137
3	9.48	5.89	8.6	11/7/2021	1223
4	10.30	6.40	8.4	11/7/2021	1241
5	11.79	7.33	6.0	11/7/2021	1252
6	16.50	10.25	6.10	11/7/2021	1311
7	20.76	12.90	3.85	11/7/2021	1318
8	23.50	14.60	3.50	11/7/2021	1329
9	27.72	17.22	1.60	11/7/2021	1348
10	34.72	21.57	0.68	11/7/2021	1357
11	38.91	24.18	0.52	11/7/2021	1404
12	41.71	25.92	0.41	11/7/2021	1411
13	45.28	28.14	0.26	11/7/2021	1456
14	47.66	29.61	0.21	11/7/2021	1419
15	49.10	30.51	0.23	11/7/2021	1422
16	53.26	33.09	0.19	11/7/2021	1428
17	58.48	36.34	0.19	11/7/2021	1439
18	60.18	37.39	0.19	11/7/2021	1517
19	64.42	40.03	0.12	11/7/2021	1524
20	78.54	48.80	0.16	11/7/2021	1549
21	86.94	54.02	0.13	11/7/2021	1605
22	98.37	61.12	0.11	11/7/2021	1620
23	101.34	62.97	0.08	11/7/2021	1625

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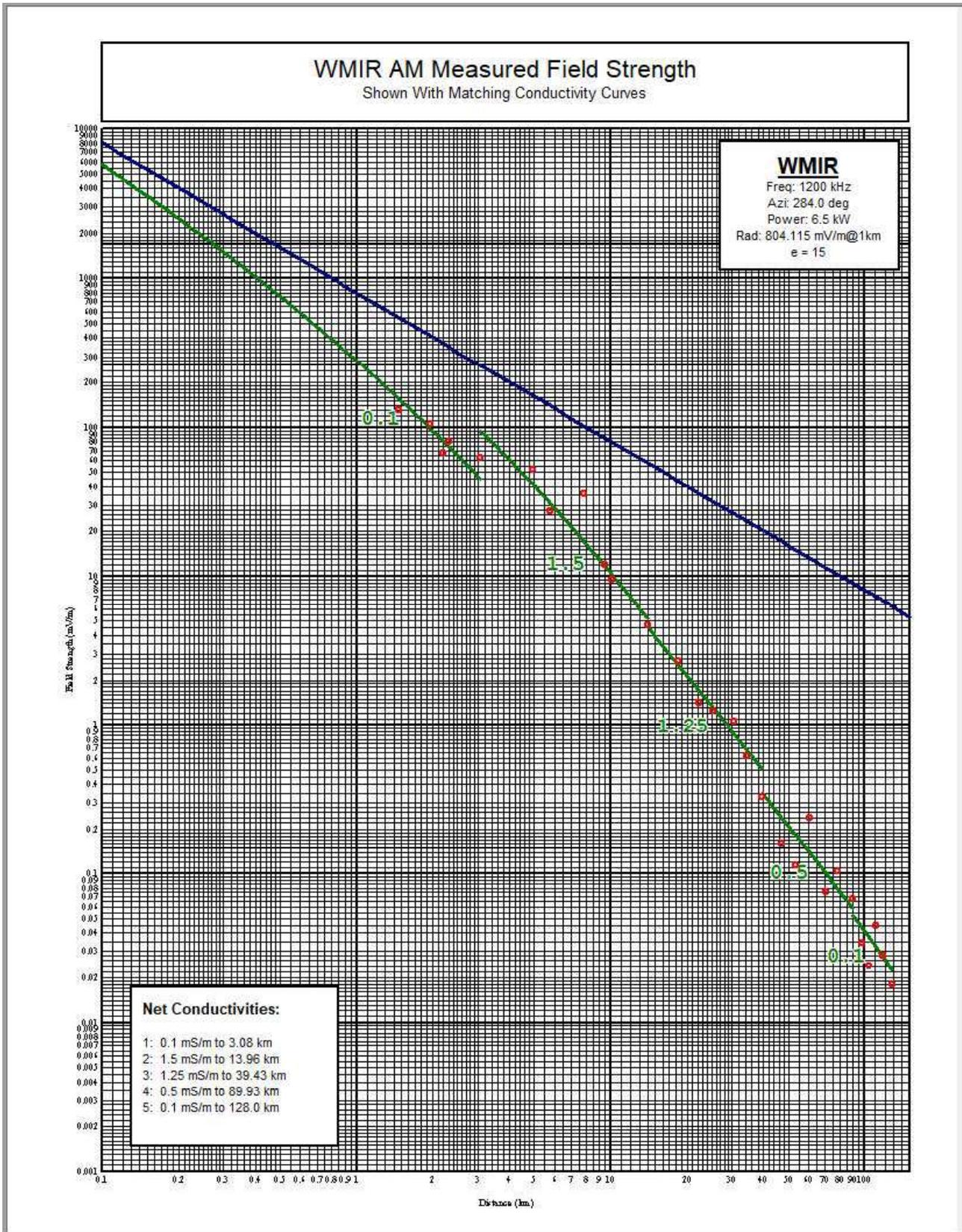
284 Degree Radial

Point Number	Distance		Field	Date	Time
	(km)	(mi)	(mV/m)		
1	1.47	0.91	130.0	11/15/2021	1226
2	1.96	1.22	105.0	11/15/2021	1230
3	2.20	1.37	67.0	11/15/2021	1232
4	2.32	1.44	80.0	11/15/2021	1234
5	3.08	1.91	62.0	11/15/2021	1311
6	4.93	3.06	52.0	11/15/2021	1318
7	5.81	3.61	27.5	11/15/2021	1321
8	7.82	4.86	35.5	11/15/2021	1330
9	9.49	5.90	12.0	11/15/2021	1334
10	10.14	6.30	9.50	11/15/2021	1341
11	13.96	8.67	4.70	11/15/2021	1346
12	18.35	11.40	2.70	11/15/2021	1354
13	22.26	13.83	1.40	11/15/2021	1405
14	25.22	15.67	1.25	11/15/2021	1412
15	30.62	19.03	1.05	11/15/2021	1427
16	34.29	21.31	0.620	11/15/2021	1438
17	39.43	24.50	0.330	11/15/2021	1446
18	46.90	29.14	0.160	11/15/2021	1454
19	53.26	33.09	0.115	11/15/2021	1520
20	60.97	37.89	0.240	11/15/2021	1535
21	70.56	43.84	0.075	11/16/2021	1103
22	78.39	48.71	0.105	11/16/2021	1113
23	89.93	55.88	0.068	11/16/2021	1137
24	97.44	60.55	0.034	11/16/2021	1151
25	103.96	64.60	0.024	11/16/2021	1158
26	110.75	68.82	0.045	11/16/2021	1210
27	118.23	73.46	0.028	11/16/2021	1220
28	127.99	79.53	0.018	11/16/2021	1238

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WMIR 1200 kHz 6.5 kW Non-DA

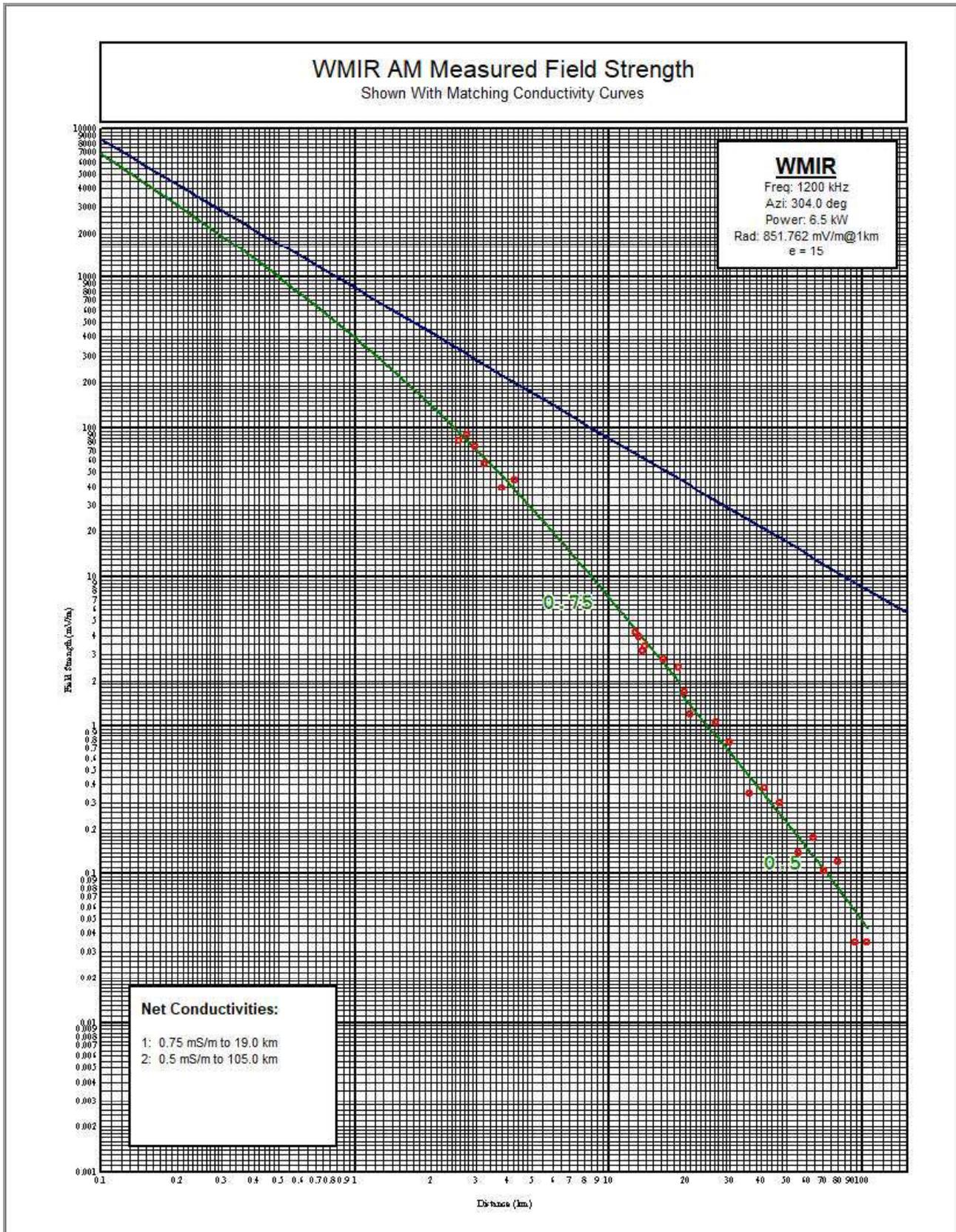
304 Degree Radial

Point Number	Distance		Field (mV/m)	Date	Time
	(km)	(mi)			
1	2.58	1.60	81.0	11/15/2021	1207
2	2.76	1.71	90.0	11/15/2021	1205
3	2.97	1.85	74.0	11/15/2021	1203
4	3.25	2.02	57.0	11/15/2021	1200
5	3.78	2.35	39.0	11/15/2021	1157
6	4.28	2.66	44.0	11/15/2021	1154
7	12.73	7.91	4.25	11/15/2021	1144
8	13.16	8.18	3.90	11/15/2021	1141
9	13.63	8.47	3.15	11/15/2021	1139
10	13.94	8.66	3.40	11/15/2021	1137
11	16.42	10.20	2.80	11/15/2021	1133
12	18.88	11.73	2.45	11/15/2021	1126
13	19.82	12.32	1.70	11/15/2021	1122
14	20.95	13.02	1.20	11/15/2021	1111
15	26.30	16.34	1.05	11/15/2021	1103
16	29.96	18.62	0.76	11/15/2021	1059
17	35.81	22.25	0.35	11/15/2021	1046
18	40.92	25.43	0.38	11/15/2021	1040
19	47.23	29.35	0.30	11/15/2021	1031
20	55.62	34.56	0.140	11/15/2021	1019
21	64.16	39.87	0.175	11/15/2021	1005
22	70.12	43.57	0.105	11/15/2021	952
23	80.06	49.75	0.120	11/15/2021	859
24	93.60	58.16	0.035	11/15/2021	924
25	104.07	64.67	0.035	11/16/2021	739

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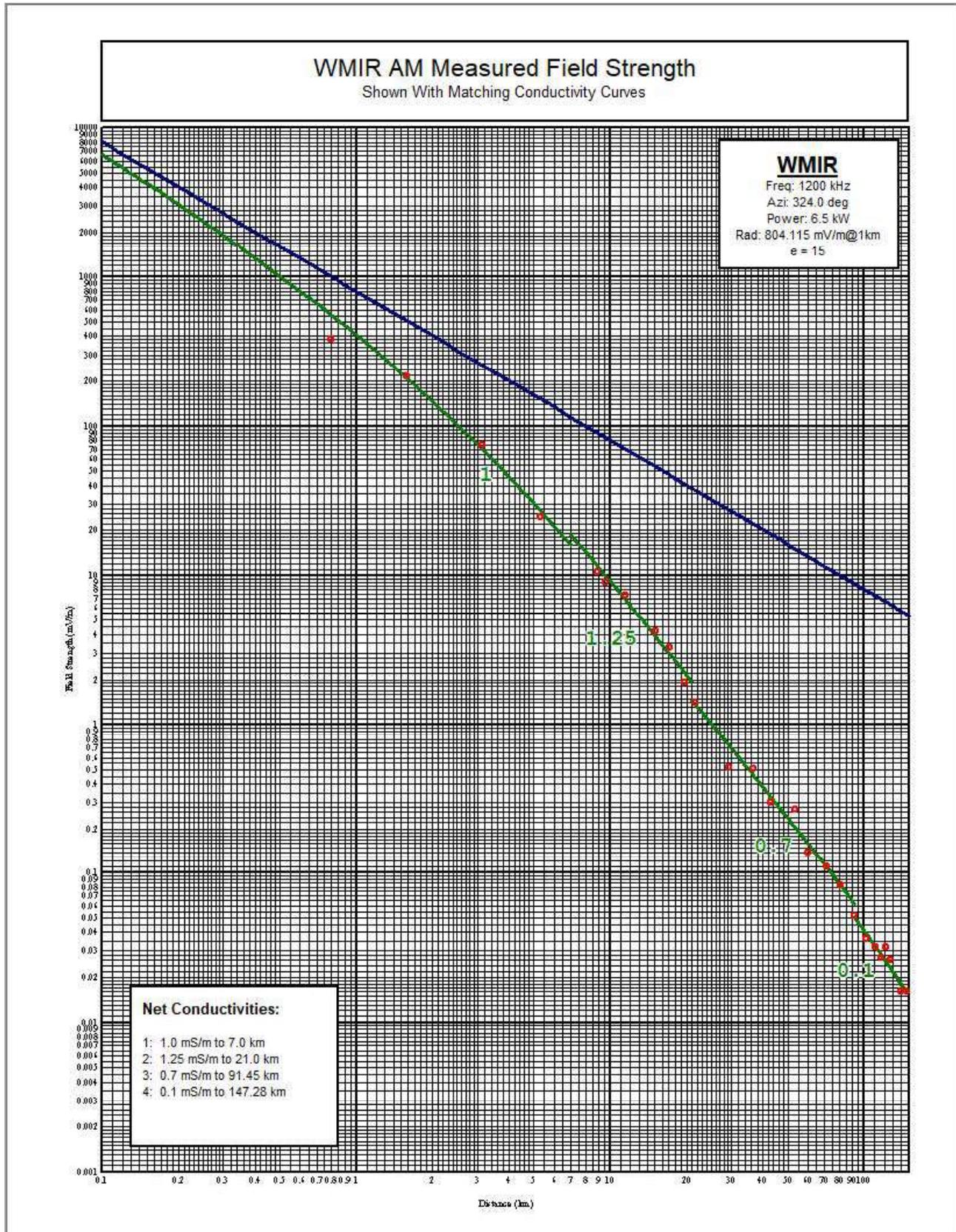
324 Degree Radial

Point Number	Distance		Field (mV/m)	Date	Time
	(km)	(mi)			
1	0.80	0.50	380.0	11/2/2021	838
2	1.58	0.98	215.0	11/2/2021	844
3	3.13	1.94	74.0	11/2/2021	848
4	5.30	3.29	24.5	11/2/2021	855
5	8.88	5.52	10.5	11/2/2021	901
6	9.60	5.97	9.0	11/2/2021	906
7	11.43	7.10	7.4	11/2/2021	912
8	15.04	9.35	4.25	11/2/2021	917
9	17.06	10.60	3.30	11/2/2021	922
10	19.63	12.20	1.90	11/2/2021	929
11	21.67	13.47	1.40	11/2/2021	938
12	29.19	18.14	0.52	11/2/2021	946
13	36.58	22.73	0.51	11/2/2021	958
14	42.87	26.64	0.30	11/2/2021	1009
15	53.39	33.18	0.27	11/2/2021	1022
16	60.27	37.45	0.14	11/2/2021	1030
17	71.10	44.18	0.11	11/2/2021	1042
18	80.51	50.03	0.083	11/2/2021	1101
19	91.45	56.82	0.052	11/2/2021	1117
20	101.79	63.25	0.036	11/2/2021	1140
21	110.19	68.47	0.032	11/2/2021	1158
22	117.13	72.78	0.027	11/2/2021	1216
23	122.36	76.03	0.032	11/2/2021	1228
24	127.43	79.18	0.026	11/2/2021	1238
25	140.14	87.08	0.016	11/2/2021	1253
26	147.28	91.52	0.016	11/2/2021	1307

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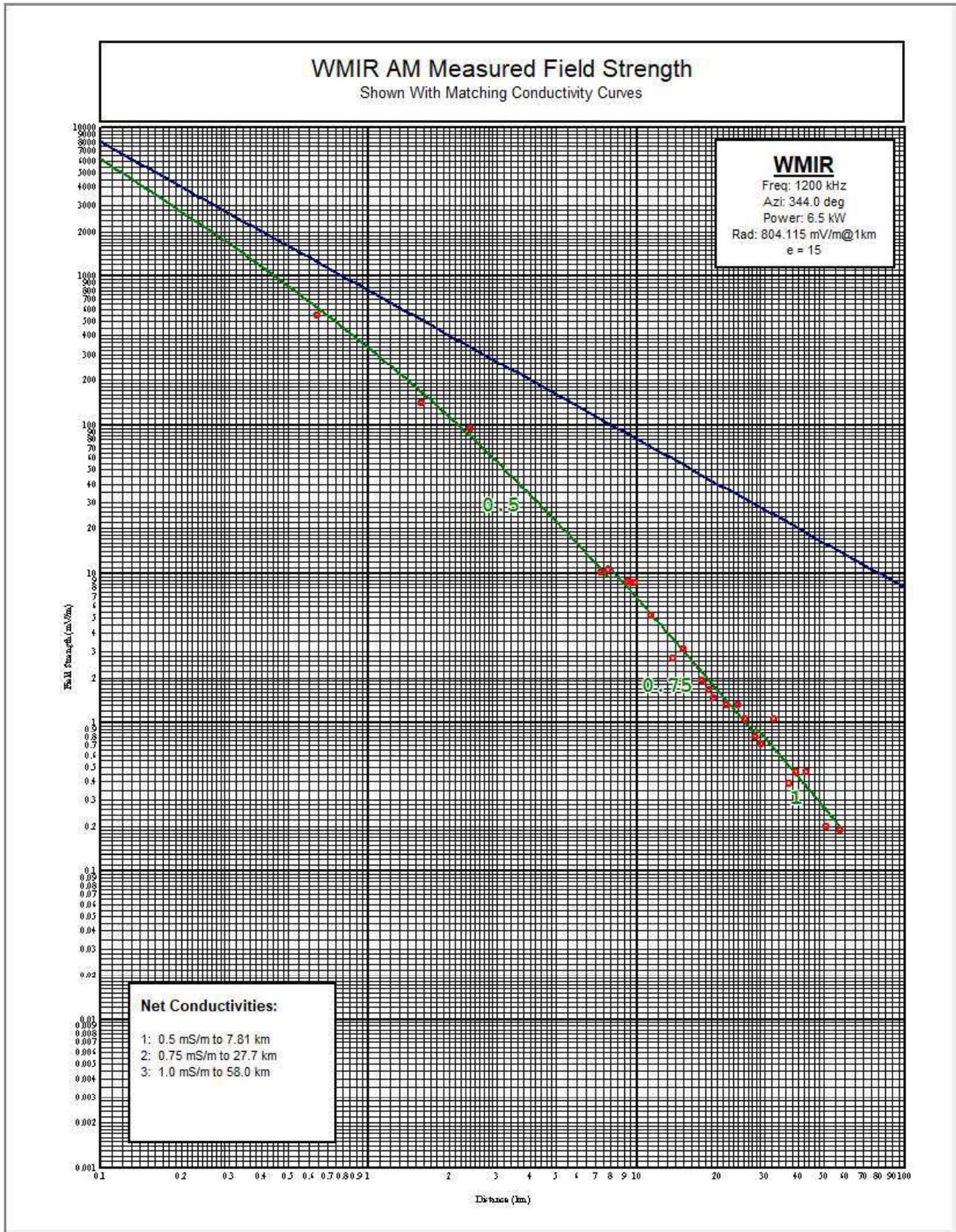
344 Degree Radial

Point Number	Distance		Field (mV/m)	Date	Time
	(km)	(mi)			
1	0.64	0.40	550.0	12/5/2021	1332
2	1.58	0.98	140.0	12/5/2021	1335
3	2.40	1.49	94.0	12/5/2021	1329
4	7.36	4.57	10.1	12/5/2021	1256
5	7.81	4.85	10.5	12/5/2021	1253
6	9.28	5.77	8.8	12/5/2021	1242
7	9.52	5.92	8.6	12/5/2021	1240
8	9.80	6.09	8.6	12/5/2021	1239
9	11.32	7.03	5.2	12/5/2021	1231
10	13.61	8.46	2.7	12/5/2021	1226
11	14.91	9.26	3.1	12/5/2021	1223
12	17.52	10.89	1.90	12/5/2021	1220
13	18.54	11.52	1.65	12/5/2021	1214
14	19.39	12.05	1.45	12/5/2021	1211
15	21.55	13.39	1.30	12/5/2021	1206
16	23.94	14.88	1.30	12/5/2021	1202
17	25.35	15.75	1.05	12/5/2021	1151
18	27.70	17.21	0.79	12/5/2021	1153
19	29.05	18.05	0.71	12/5/2021	1148
20	32.45	20.16	1.05	12/5/2021	1142
21	37.04	23.02	0.39	12/5/2021	1127
22	39.50	24.54	0.46	12/5/2021	1121
23	42.99	26.71	0.46	12/5/2021	1114
24	50.96	31.67	0.20	12/5/2021	956
25	57.38	35.65	0.19	12/5/2021	937

CONSOLIDATED TECHNICAL STATEMENT (Continued)

Colonial Radio Group, Inc.

WNMB(AM) North Myrtle Beach, South Carolina



CONSOLIDATED TECHNICAL STATEMENT (Continued)

Colonial Radio Group, Inc.

WNMB(AM) North Myrtle Beach, South Carolina

WAYN 900 kHz 1.0 kW Non-DA

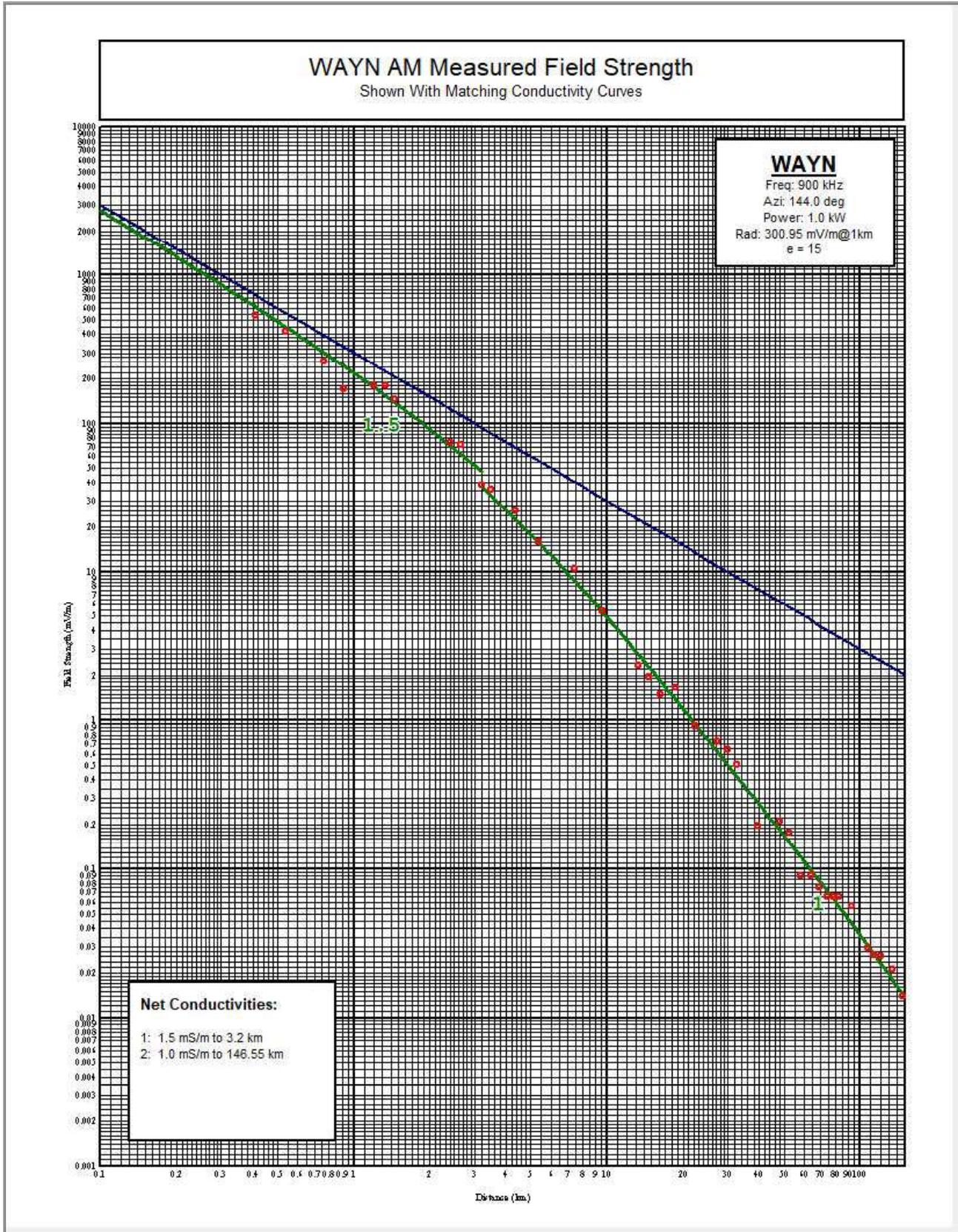
144 Degree Radial

Point Number	Distance		Field (mV/m)	Date	Time
	(km)	(mi)			
1	0.41	0.25	540.0	10/23/2021	756
2	0.54	0.34	420.0	10/23/2021	812
3	0.76	0.47	260.0	10/23/2021	820
4	0.91	0.57	170.0	10/23/2021	824
5	1.20	0.75	180.0	10/23/2021	829
6	1.34	0.83	180.0	10/23/2021	832
7	1.46	0.91	145.0	10/23/2021	834
8	2.41	1.50	75.0	10/23/2021	845
9	2.65	1.65	72.0	10/23/2021	852
10	3.20	1.99	38.5	10/23/2021	857
11	3.50	2.17	36.0	10/23/2021	901
12	4.36	2.71	26.0	10/23/2021	909
13	5.37	3.34	16.0	10/23/2021	917
14	7.46	4.64	10.5	10/23/2021	929
15	9.55	5.93	5.40	10/23/2021	936
16	13.35	8.30	2.35	10/23/2021	946
17	14.67	9.12	1.95	10/23/2021	950
18	16.19	10.06	1.50	10/23/2021	954
19	18.58	11.55	1.65	10/23/2021	958
20	22.41	13.92	0.910	10/23/2021	1004
21	27.33	16.98	0.720	10/23/2021	1012
22	29.90	18.58	0.640	10/23/2021	1016
23	32.56	20.23	0.510	10/23/2021	1021
24	39.33	24.44	0.195	10/23/2021	1031
25	47.93	29.78	0.210	10/23/2021	1044
26	52.61	32.69	0.175	10/23/2021	1051
27	58.24	36.19	0.090	10/23/2021	1105
28	63.70	39.58	0.090	10/23/2021	1116
29	69.18	42.99	0.075	10/31/2021	1343
30	74.18	46.09	0.065	10/31/2021	1352
31	78.58	48.83	0.065	10/31/2021	1402
32	82.80	51.45	0.065	10/31/2021	1413
33	92.64	57.56	0.057	10/31/2021	1423
34	106.82	66.37	0.029	10/31/2021	1437
35	113.10	70.28	0.026	10/31/2021	1449
36	120.48	74.86	0.026	10/31/2021	1502
37	133.76	83.11	0.021	10/31/2021	1517
38	146.55	91.06	0.014	10/31/2021	1526

CONSOLIDATED TECHNICAL STATEMENT (Continued)

Colonial Radio Group, Inc.

WNMB(AM) North Myrtle Beach, South Carolina



CONSOLIDATED TECHNICAL STATEMENT (Continued)

Colonial Radio Group, Inc.

WNMB(AM) North Myrtle Beach, South Carolina

WTMZ 910 kHz 0.5 kW Non-DA

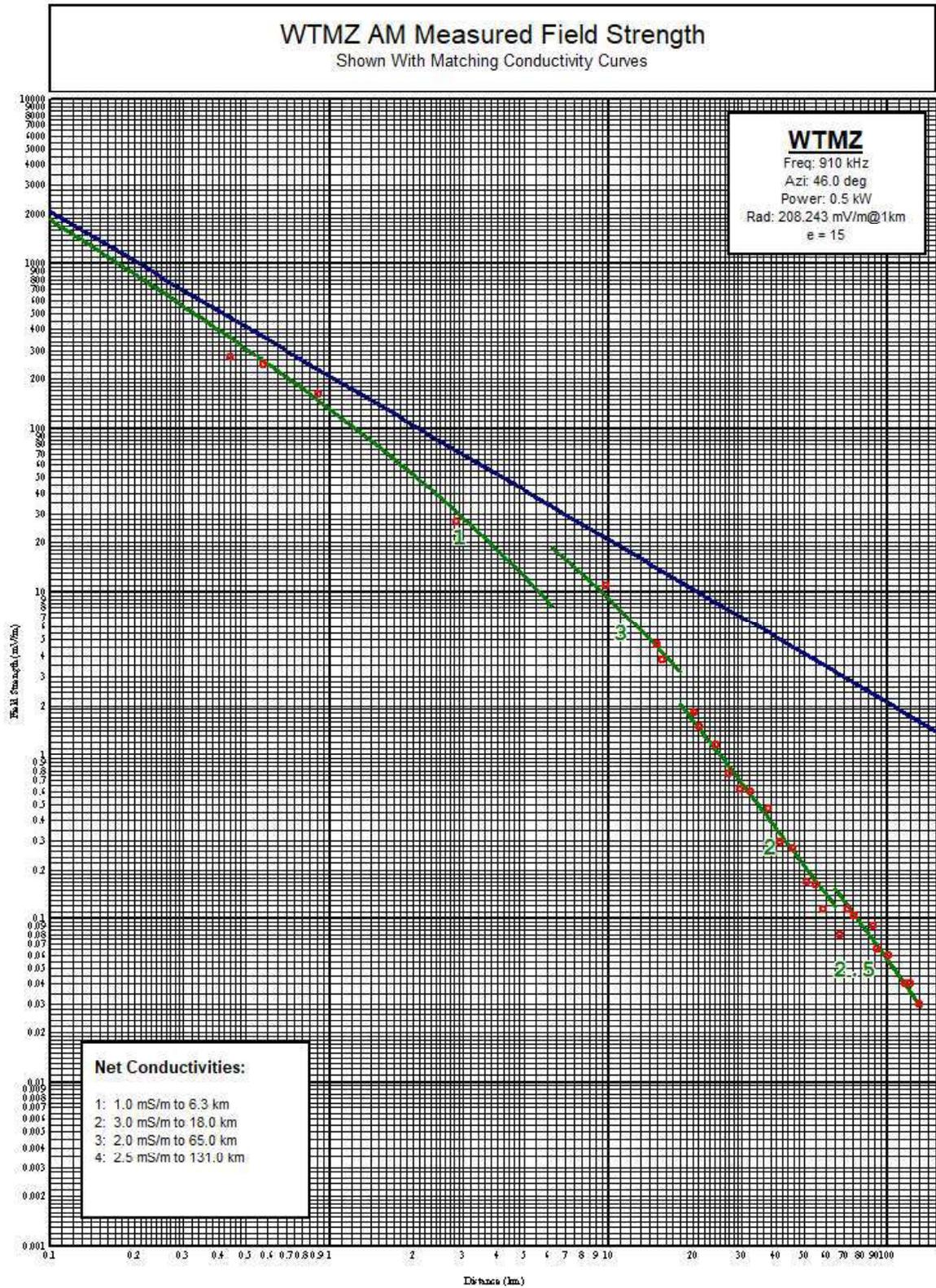
46 Degree Radial

Point Number	Distance		Field (mV/m)	Date	Time
	(km)	(mi)			
1	0.44	0.27	270.0	11/9/2021	923
2	0.58	0.36	245.0	11/9/2021	936
3	0.91	0.57	162.0	11/9/2021	942
4	2.85	1.77	27.0	11/9/2021	958
5	9.80	6.09	11.0	11/9/2021	1028
6	14.89	9.25	4.70	11/9/2021	1049
7	15.66	9.73	3.80	11/9/2021	1052
8	20.30	12.61	1.80	11/9/2021	1114
9	21.23	13.19	1.50	11/9/2021	1116
10	24.29	15.09	1.15	11/9/2021	1121
11	27.08	16.83	0.760	11/9/2021	1128
12	29.79	18.51	0.620	11/9/2021	1144
13	32.37	20.11	0.600	11/9/2021	1150
14	37.30	23.18	0.475	11/9/2021	1200
15	41.10	25.54	0.295	11/9/2021	1209
16	45.80	28.46	0.270	11/9/2021	1216
17	51.07	31.73	0.170	11/9/2021	1223
18	55.38	34.41	0.160	11/9/2021	1232
19	58.78	36.52	0.115	11/9/2021	1244
20	67.39	41.87	0.080	11/9/2021	1333
21	71.73	44.57	0.115	11/9/2021	1355
22	75.97	47.21	0.105	11/9/2021	1404
23	88.61	55.06	0.090	11/9/2021	1452
24	91.36	56.77	0.065	11/9/2021	1457
25	100.24	62.29	0.060	11/9/2021	1513
26	115.67	71.87	0.040	11/9/2021	1614
27	120.79	75.06	0.040	11/9/2021	1423
28	130.23	80.92	0.030	11/9/2021	1637

CONSOLIDATED TECHNICAL STATEMENT (Continued)

Colonial Radio Group, Inc.

WNMB(AM) North Myrtle Beach, South Carolina



CONSOLIDATED TECHNICAL STATEMENT (Continued)

Colonial Radio Group, Inc.

WNMB(AM) North Myrtle Beach, South Carolina

WTMZ 910 kHz 0.5 kW Non-DA

66 Degree Radial

Point Number	Distance		Field	Date	Time
	(km)	(mi)	(mV/m)		
1	0.32	0.20	400.0	11/29/2021	1233
2	0.48	0.30	255.0	11/29/2021	1235
3	0.57	0.35	245.0	11/29/2021	1239
4	4.49	2.79	43.0	11/29/2021	1255
5	5.02	3.12	29.1	11/29/2021	1306
6	6.11	3.80	24.5	11/29/2021	1312
7	6.62	4.11	21.0	11/29/2021	1316
8	11.34	7.05	10.0	11/29/2021	1400
9	13.23	8.22	9.80	11/29/2021	1415
10	14.31	8.89	5.40	11/29/2021	1420
11	15.92	9.89	5.60	11/29/2021	1429
12	22.50	13.98	3.70	11/29/2021	1437
13	29.50	18.33	1.75	11/29/2021	1450
14	33.74	20.97	0.80	11/29/2021	1456
15	38.72	24.06	0.56	11/29/2021	1504

CONSOLIDATED TECHNICAL STATEMENT (Continued)

Colonial Radio Group, Inc.

WNMB(AM) North Myrtle Beach, South Carolina

