

AM Radiation Report

Call: WBIC Proposed
 Freq: 830 kHz
 Royston, GA, US
 Lat: 34-17-59 N
 Lng: 083-07-22 W
 Power: 0.6 kW
 Theo RMS: 227.31 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	78.9	0	0	0.0	0.0	0.0	0.0
2	0.973	-120.9	89.5	94.1	78.9	0	0	0.0	0.0	0.0	0.0
3	0.934	-1.6	185.7	205.7	78.9	0	0	0.0	0.0	0.0	0.0
4	1.032	-110.8	210.0	188.7	78.9	0	0	0.0	0.0	0.0	0.0

Standard Horizontal Plane Pattern

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	61.52	5.0	75.83	10.0	90.89
15.0	105.42	20.0	118.11	25.0	127.69
30.0	132.99	35.0	132.96	40.0	126.82
45.0	114.18	50.0	95.66	55.0	74.64
60.0	63.17	65.0	80.84	70.0	124.52
75.0	181.61	80.0	245.62	85.0	312.50
90.0	378.77	95.0	440.95	100.0	495.70
105.0	539.90	110.0	570.92	115.0	586.81
120.0	586.54	125.0	570.05	130.0	538.30
135.0	493.21	140.0	437.50	145.0	374.45
150.0	307.72	155.0	241.18	160.0	178.89
165.0	125.86	170.0	89.73	175.0	79.79
180.0	91.82	185.0	110.58	190.0	127.67
195.0	140.68	200.0	149.59	205.0	155.30
210.0	158.97	215.0	161.75	220.0	164.42
225.0	167.32	230.0	170.21	235.0	172.41
240.0	173.00	245.0	170.99	250.0	165.57
255.0	156.26	260.0	143.03	265.0	126.31
270.0	107.10	275.0	86.90	280.0	67.72
285.0	52.02	290.0	42.26	295.0	38.92
300.0	39.12	305.0	39.34	310.0	37.82
315.0	34.47	320.0	30.24	325.0	26.56
330.0	24.75	335.0	25.28	340.0	27.83
345.0	32.35	350.0	39.29	355.0	49.08

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 Royston, GA, US
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 Lng: 083-07-22 W
 Power: 0.6 kW
 Theo RMS: 227.31 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	78.9	0	0	0.0	0.0	0.0	0.0
2	0.973	-120.9	89.5	94.1	78.9	0	0	0.0	0.0	0.0	0.0
3	0.934	-1.6	185.7	205.7	78.9	0	0	0.0	0.0	0.0	0.0
4	1.032	-110.8	210.0	188.7	78.9	0	0	0.0	0.0	0.0	0.0

Standard Pattern
 Calculated at 5.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	60.40	5.0	74.32	10.0	89.02
15.0	103.21	20.0	115.59	25.0	124.91
30.0	130.00	35.0	129.84	40.0	123.66
45.0	111.13	50.0	92.96	55.0	72.81
60.0	63.16	65.0	82.39	70.0	126.24
75.0	182.91	80.0	246.27	85.0	312.42
90.0	377.91	95.0	439.34	100.0	493.39
105.0	537.02	110.0	567.62	115.0	583.29
120.0	583.00	125.0	566.69	130.0	535.33
135.0	490.79	140.0	435.74	145.0	373.44
150.0	307.48	155.0	241.65	160.0	179.98
165.0	127.29	170.0	90.90	175.0	79.79
180.0	90.65	185.0	108.80	190.0	125.65
195.0	138.63	200.0	147.63	205.0	153.48
210.0	157.33	215.0	160.25	220.0	163.03
225.0	165.98	230.0	168.87	235.0	171.04
240.0	171.57	245.0	169.52	250.0	164.08
255.0	154.80	260.0	141.64	265.0	125.03
270.0	105.94	275.0	85.83	280.0	66.65
285.0	50.82	290.0	40.81	295.0	37.31
300.0	37.56	305.0	37.99	310.0	36.78
315.0	33.84	320.0	30.06	325.0	26.84
330.0	25.36	335.0	25.94	340.0	28.30
345.0	32.48	350.0	39.01	355.0	48.37

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#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	78.9	0	0	0.0	0.0	0.0	0.0
2	0.973	-120.9	89.5	94.1	78.9	0	0	0.0	0.0	0.0	0.0
3	0.934	-1.6	185.7	205.7	78.9	0	0	0.0	0.0	0.0	0.0
4	1.032	-110.8	210.0	188.7	78.9	0	0	0.0	0.0	0.0	0.0

 Standard Pattern
 Calculated at 10.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	57.23	5.0	69.99	10.0	83.59
15.0	96.77	20.0	108.24	25.0	116.78
30.0	121.26	35.0	120.73	40.0	114.49
45.0	102.36	50.0	85.37	55.0	68.06
60.0	63.92	65.0	87.14	70.0	131.27
75.0	186.64	80.0	248.09	85.0	312.05
90.0	375.25	95.0	434.45	100.0	486.48
105.0	528.42	110.0	557.80	115.0	572.81
120.0	572.46	125.0	556.71	130.0	526.47
135.0	483.54	140.0	430.47	145.0	370.36
150.0	306.65	155.0	242.95	160.0	183.08
165.0	131.46	170.0	94.49	175.0	80.24
180.0	87.63	185.0	103.84	190.0	119.89
195.0	132.71	200.0	141.92	205.0	148.18
210.0	152.48	215.0	155.82	220.0	158.91
225.0	162.01	230.0	164.89	235.0	166.95
240.0	167.33	245.0	165.16	250.0	159.69
255.0	150.50	260.0	137.55	265.0	121.27
270.0	102.55	275.0	82.73	280.0	63.59
285.0	47.37	290.0	36.61	295.0	32.62
300.0	33.05	305.0	34.15	310.0	33.93
315.0	32.20	320.0	29.79	325.0	27.86
330.0	27.21	335.0	27.93	340.0	29.81
345.0	33.04	350.0	38.37	355.0	46.45

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#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	78.9	0	0	0.0	0.0	0.0	0.0
2	0.973	-120.9	89.5	94.1	78.9	0	0	0.0	0.0	0.0	0.0
3	0.934	-1.6	185.7	205.7	78.9	0	0	0.0	0.0	0.0	0.0
4	1.032	-110.8	210.0	188.7	78.9	0	0	0.0	0.0	0.0	0.0

Standard Pattern
Calculated at 15.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	52.63	5.0	63.40	10.0	75.18
15.0	86.69	20.0	96.69	25.0	104.00
30.0	107.56	35.0	106.51	40.0	100.31
45.0	89.08	50.0	74.54	55.0	62.83
60.0	67.39	65.0	95.27	70.0	139.16
75.0	192.28	80.0	250.63	85.0	311.06
90.0	370.58	95.0	426.21	100.0	475.01
105.0	514.27	110.0	541.71	115.0	555.66
120.0	555.22	125.0	540.35	130.0	511.91
135.0	471.55	140.0	421.64	145.0	365.04
150.0	304.94	155.0	244.68	160.0	187.73
165.0	138.00	170.0	100.66	175.0	82.29
180.0	84.14	185.0	96.83	190.0	111.27
195.0	123.63	200.0	133.02	205.0	139.79
210.0	144.74	215.0	148.68	220.0	152.20
225.0	155.50	230.0	158.37	235.0	160.26
240.0	160.42	245.0	158.07	250.0	152.58
255.0	143.56	260.0	131.00	265.0	115.29
270.0	97.20	275.0	77.92	280.0	58.95
285.0	42.22	290.0	30.20	295.0	25.25
300.0	26.14	305.0	28.59	310.0	30.13
315.0	30.43	320.0	30.12	325.0	29.98
330.0	30.39	335.0	31.28	340.0	32.52
345.0	34.47	350.0	37.97	355.0	43.95

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#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	78.9	0	0	0.0	0.0	0.0	0.0
2	0.973	-120.9	89.5	94.1	78.9	0	0	0.0	0.0	0.0	0.0
3	0.934	-1.6	185.7	205.7	78.9	0	0	0.0	0.0	0.0	0.0
4	1.032	-110.8	210.0	188.7	78.9	0	0	0.0	0.0	0.0	0.0

 Standard Pattern
 Calculated at 20.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	47.79	5.0	55.73	10.0	64.92
15.0	74.14	20.0	82.16	25.0	87.87
30.0	90.32	35.0	88.80	40.0	83.05
45.0	73.76	50.0	63.88	55.0	61.17
60.0	75.31	65.0	106.50	70.0	149.15
75.0	199.04	80.0	253.18	85.0	308.91
90.0	363.59	95.0	414.51	100.0	459.06
105.0	494.80	110.0	519.70	115.0	532.28
120.0	531.73	125.0	518.04	130.0	491.96
135.0	454.98	140.0	409.21	145.0	357.24
150.0	301.91	155.0	246.22	160.0	193.23
165.0	146.25	170.0	109.26	175.0	87.11
180.0	82.31	185.0	89.73	190.0	101.37
195.0	112.61	200.0	121.88	205.0	129.07
210.0	134.66	215.0	139.22	220.0	143.18
225.0	146.67	230.0	149.50	235.0	151.18
240.0	151.08	245.0	148.57	250.0	143.10
255.0	134.38	260.0	122.41	265.0	107.53
270.0	90.40	275.0	72.00	280.0	53.53
285.0	36.46	290.0	22.80	295.0	16.19
300.0	18.22	305.0	23.05	310.0	27.13
315.0	29.97	320.0	31.98	325.0	33.58
330.0	34.92	335.0	35.94	340.0	36.61
345.0	37.26	350.0	38.72	355.0	42.03

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#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	78.9	0	0	0.0	0.0	0.0	0.0
2	0.973	-120.9	89.5	94.1	78.9	0	0	0.0	0.0	0.0	0.0
3	0.934	-1.6	185.7	205.7	78.9	0	0	0.0	0.0	0.0	0.0
4	1.032	-110.8	210.0	188.7	78.9	0	0	0.0	0.0	0.0	0.0

Standard Pattern
 Calculated at 25.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	44.58	5.0	48.99	10.0	54.85
15.0	61.14	20.0	66.75	25.0	70.65
30.0	72.03	35.0	70.47	40.0	66.20
45.0	60.89	50.0	58.86	55.0	66.70
60.0	87.72	65.0	119.90	70.0	160.13
75.0	205.86	80.0	254.88	85.0	304.98
90.0	353.88	95.0	399.24	100.0	438.77
105.0	470.38	110.0	492.31	115.0	503.29
120.0	502.63	125.0	490.32	130.0	467.03
135.0	434.03	140.0	393.18	145.0	346.68
150.0	297.03	155.0	246.81	160.0	198.65
165.0	155.27	170.0	119.63	175.0	95.09
180.0	84.11	185.0	85.02	190.0	92.38
195.0	101.45	200.0	109.94	205.0	117.14
210.0	123.10	215.0	128.10	220.0	132.37
225.0	135.96	230.0	138.67	235.0	140.10
240.0	139.75	245.0	137.12	250.0	131.79
255.0	123.53	260.0	112.39	265.0	98.64
270.0	82.86	275.0	65.84	280.0	48.53
285.0	31.98	290.0	17.58	295.0	9.35
300.0	13.65	305.0	21.11	310.0	27.40
315.0	32.25	320.0	35.95	325.0	38.73
330.0	40.69	335.0	41.79	340.0	42.05
345.0	41.75	350.0	41.49	355.0	42.16

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#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	78.9	0	0	0.0	0.0	0.0	0.0
2	0.973	-120.9	89.5	94.1	78.9	0	0	0.0	0.0	0.0	0.0
3	0.934	-1.6	185.7	205.7	78.9	0	0	0.0	0.0	0.0	0.0
4	1.032	-110.8	210.0	188.7	78.9	0	0	0.0	0.0	0.0	0.0

 Standard Pattern
 Calculated at 30.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	45.08	5.0	46.01	10.0	48.22
15.0	51.21	20.0	54.16	25.0	56.31
30.0	57.13	35.0	56.65	40.0	55.85
45.0	57.11	50.0	64.01	55.0	79.23
60.0	103.00	65.0	134.03	70.0	170.75
75.0	211.55	80.0	254.75	85.0	298.56
90.0	341.07	95.0	380.30	100.0	414.35
105.0	441.46	110.0	460.17	115.0	469.43
120.0	468.67	125.0	457.89	130.0	437.65
135.0	409.03	140.0	373.55	145.0	333.09
150.0	289.72	155.0	245.61	160.0	202.94
165.0	163.89	170.0	130.65	175.0	105.48
180.0	90.21	185.0	84.87	190.0	86.82
195.0	92.43	200.0	99.08	205.0	105.51
210.0	111.26	215.0	116.27	220.0	120.56
225.0	124.04	230.0	126.51	235.0	127.66
240.0	127.09	245.0	124.43	250.0	119.38
255.0	111.80	260.0	101.75	265.0	89.51
270.0	75.56	275.0	60.59	280.0	45.46
285.0	31.26	290.0	19.79	295.0	15.02
300.0	18.88	305.0	25.67	310.0	32.15
315.0	37.59	320.0	41.93	325.0	45.20
330.0	47.41	335.0	48.54	340.0	48.63
345.0	47.85	350.0	46.58	355.0	45.43

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#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	78.9	0	0	0.0	0.0	0.0	0.0
2	0.973	-120.9	89.5	94.1	78.9	0	0	0.0	0.0	0.0	0.0
3	0.934	-1.6	185.7	205.7	78.9	0	0	0.0	0.0	0.0	0.0
4	1.032	-110.8	210.0	188.7	78.9	0	0	0.0	0.0	0.0	0.0

Standard Pattern
 Calculated at 35.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	50.05	5.0	48.87	10.0	48.46
15.0	48.81	20.0	49.68	25.0	50.81
30.0	52.16	35.0	54.19	40.0	58.03
45.0	65.31	50.0	77.51	55.0	95.37
60.0	118.78	65.0	147.14	70.0	179.54
75.0	214.87	80.0	251.84	85.0	289.01
90.0	324.84	95.0	357.72	100.0	386.11
105.0	408.60	110.0	424.02	115.0	431.53
120.0	430.69	125.0	421.51	130.0	404.43
135.0	380.34	140.0	350.44	145.0	316.26
150.0	279.46	155.0	241.81	160.0	205.04
165.0	170.87	170.0	140.91	175.0	116.70
180.0	99.46	185.0	89.66	190.0	86.39
195.0	87.66	200.0	91.35	205.0	95.96
210.0	100.67	215.0	105.04	220.0	108.85
225.0	111.90	230.0	113.97	235.0	114.77
240.0	114.02	245.0	111.45	250.0	106.86
255.0	100.20	260.0	91.55	265.0	81.20
270.0	69.61	275.0	57.45	280.0	45.62
285.0	35.39	290.0	28.57	295.0	26.83
300.0	29.66	305.0	34.69	310.0	40.12
315.0	45.09	320.0	49.25	325.0	52.48
330.0	54.68	335.0	55.83	340.0	55.93
345.0	55.11	350.0	53.60	355.0	51.77

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#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	78.9	0	0	0.0	0.0	0.0	0.0
2	0.973	-120.9	89.5	94.1	78.9	0	0	0.0	0.0	0.0	0.0
3	0.934	-1.6	185.7	205.7	78.9	0	0	0.0	0.0	0.0	0.0
4	1.032	-110.8	210.0	188.7	78.9	0	0	0.0	0.0	0.0	0.0

 Standard Pattern
 Calculated at 40.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	58.25	5.0	56.68	10.0	55.58
15.0	55.14	20.0	55.51	25.0	56.85
30.0	59.44	35.0	63.77	40.0	70.52
45.0	80.40	50.0	93.96	55.0	111.45
60.0	132.76	65.0	157.51	70.0	185.10
75.0	214.70	80.0	245.31	85.0	275.81
90.0	304.99	95.0	331.61	100.0	354.45
105.0	372.44	110.0	384.67	115.0	390.51
120.0	389.63	125.0	382.04	130.0	368.08
135.0	348.44	140.0	324.06	145.0	296.09
150.0	265.85	155.0	234.70	160.0	203.98
165.0	175.00	170.0	148.95	175.0	126.88
180.0	109.63	185.0	97.62	190.0	90.67
195.0	87.91	200.0	88.11	205.0	90.07
210.0	92.85	215.0	95.83	220.0	98.60
225.0	100.83	230.0	102.26	235.0	102.63
240.0	101.72	245.0	99.35	250.0	95.40
255.0	89.87	260.0	82.91	265.0	74.80
270.0	66.00	275.0	57.14	280.0	49.09
285.0	42.86	290.0	39.41	295.0	39.10
300.0	41.34	305.0	45.07	310.0	49.31
315.0	53.41	320.0	57.02	325.0	59.90
330.0	61.96	335.0	63.11	340.0	63.38
345.0	62.83	350.0	61.62	355.0	60.00

Call: WBIC Proposed
 Freq: 830 kHz
 Royston, GA, US
 Lat: 34-17-59 N
 Lng: 083-07-22 W
 Power: 0.6 kW
 Theo RMS: 227.31 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	78.9	0	0	0.0	0.0	0.0	0.0
2	0.973	-120.9	89.5	94.1	78.9	0	0	0.0	0.0	0.0	0.0
3	0.934	-1.6	185.7	205.7	78.9	0	0	0.0	0.0	0.0	0.0
4	1.032	-110.8	210.0	188.7	78.9	0	0	0.0	0.0	0.0	0.0

 Standard Pattern
 Calculated at 45.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	67.54	5.0	66.61	10.0	66.06
15.0	66.15	20.0	67.13	25.0	69.28
30.0	72.89	35.0	78.33	40.0	85.96
45.0	96.09	50.0	108.96	55.0	124.61
60.0	142.93	65.0	163.62	70.0	186.22
75.0	210.11	80.0	234.53	85.0	258.64
90.0	281.51	95.0	302.22	100.0	319.89
105.0	333.69	110.0	342.99	115.0	347.32
120.0	346.44	125.0	340.36	130.0	329.35
135.0	313.90	140.0	294.71	145.0	272.64
150.0	248.66	155.0	223.77	160.0	198.98
165.0	175.25	170.0	153.44	175.0	134.30
180.0	118.40	185.0	106.06	190.0	97.31
195.0	91.85	200.0	89.07	205.0	88.25
210.0	88.68	215.0	89.76	220.0	91.01
225.0	92.08	230.0	92.65	235.0	92.50
240.0	91.44	245.0	89.34	250.0	86.15
255.0	81.91	260.0	76.79	265.0	71.04
270.0	65.08	275.0	59.42	280.0	54.66
285.0	51.37	290.0	49.91	295.0	50.28
300.0	52.13	305.0	54.93	310.0	58.15
315.0	61.37	320.0	64.31	325.0	66.76
330.0	68.61	335.0	69.78	340.0	70.28
345.0	70.17	350.0	69.55	355.0	68.61

Call: WBIC Proposed
 Freq: 830 kHz
 Royston, GA, US
 Lat: 34-17-59 N
 Lng: 083-07-22 W
 Power: 0.6 kW
 Theo RMS: 227.31 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	78.9	0	0	0.0	0.0	0.0	0.0
2	0.973	-120.9	89.5	94.1	78.9	0	0	0.0	0.0	0.0	0.0
3	0.934	-1.6	185.7	205.7	78.9	0	0	0.0	0.0	0.0	0.0
4	1.032	-110.8	210.0	188.7	78.9	0	0	0.0	0.0	0.0	0.0

Standard Pattern
 Calculated at 50.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	75.95	5.0	75.95	10.0	76.31
15.0	77.28	20.0	79.07	25.0	81.92
30.0	86.07	35.0	91.74	40.0	99.14
45.0	108.41	50.0	119.64	55.0	132.80
60.0	147.77	65.0	164.31	70.0	182.04
75.0	200.52	80.0	219.18	85.0	237.42
90.0	254.58	95.0	269.99	100.0	283.03
105.0	293.15	110.0	299.88	115.0	302.90
120.0	302.06	125.0	297.38	130.0	289.02
135.0	277.35	140.0	262.86	145.0	246.13
150.0	227.86	155.0	208.76	160.0	189.54
165.0	170.87	170.0	153.37	175.0	137.56
180.0	123.83	185.0	112.44	190.0	103.46
195.0	96.81	200.0	92.22	205.0	89.33
210.0	87.69	215.0	86.89	220.0	86.55
225.0	86.33	230.0	85.97	235.0	85.26
240.0	84.05	245.0	82.24	250.0	79.82
255.0	76.84	260.0	73.42	265.0	69.80
270.0	66.24	275.0	63.08	280.0	60.64
285.0	59.18	290.0	58.80	295.0	59.47
300.0	60.99	305.0	63.10	310.0	65.51
315.0	67.97	320.0	70.28	325.0	72.31
330.0	73.94	335.0	75.13	340.0	75.88
345.0	76.24	350.0	76.27	355.0	76.13

Call: WBIC Proposed
 Freq: 830 kHz
 Royston, GA, US
 Lat: 34-17-59 N
 Lng: 083-07-22 W
 Power: 0.6 kW
 Theo RMS: 227.31 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	78.9	0	0	0.0	0.0	0.0	0.0
2	0.973	-120.9	89.5	94.1	78.9	0	0	0.0	0.0	0.0	0.0
3	0.934	-1.6	185.7	205.7	78.9	0	0	0.0	0.0	0.0	0.0
4	1.032	-110.8	210.0	188.7	78.9	0	0	0.0	0.0	0.0	0.0

 Standard Pattern
 Calculated at 55.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	81.89	5.0	82.70	10.0	83.86
15.0	85.54	20.0	87.90	25.0	91.10
30.0	95.30	35.0	100.64	40.0	107.21
45.0	115.09	50.0	124.28	55.0	134.74
60.0	146.34	65.0	158.89	70.0	172.13
75.0	185.72	80.0	199.28	85.0	212.39
90.0	224.61	95.0	235.49	100.0	244.61
105.0	251.62	110.0	256.21	115.0	258.18
120.0	257.43	125.0	253.96	130.0	247.91
135.0	239.50	140.0	229.06	145.0	216.97
150.0	203.70	155.0	189.71	160.0	175.49
165.0	161.48	170.0	148.11	175.0	135.71
180.0	124.58	185.0	114.89	190.0	106.74
195.0	100.12	200.0	94.92	205.0	90.99
210.0	88.08	215.0	85.96	220.0	84.39
225.0	83.12	230.0	81.97	235.0	80.79
240.0	79.46	245.0	77.91	250.0	76.13
255.0	74.16	260.0	72.07	265.0	70.01
270.0	68.13	275.0	66.58	280.0	65.52
285.0	65.05	290.0	65.20	295.0	65.94
300.0	67.16	305.0	68.73	310.0	70.51
315.0	72.35	320.0	74.15	325.0	75.79
330.0	77.23	335.0	78.42	340.0	79.38
345.0	80.13	350.0	80.73	355.0	81.28

Call: WBIC Proposed
 Freq: 830 kHz
 Royston, GA, US
 Lat: 34-17-59 N
 Lng: 083-07-22 W
 Power: 0.6 kW
 Theo RMS: 227.31 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	78.9	0	0	0.0	0.0	0.0	0.0
2	0.973	-120.9	89.5	94.1	78.9	0	0	0.0	0.0	0.0	0.0
3	0.934	-1.6	185.7	205.7	78.9	0	0	0.0	0.0	0.0	0.0
4	1.032	-110.8	210.0	188.7	78.9	0	0	0.0	0.0	0.0	0.0

 Standard Pattern
 Calculated at 60.0 Degrees Elevation

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	84.13	5.0	85.47	10.0	87.11
15.0	89.15	20.0	91.69	25.0	94.85
30.0	98.69	35.0	103.29	40.0	108.71
45.0	114.95	50.0	122.00	55.0	129.81
60.0	138.27	65.0	147.24	70.0	156.54
75.0	165.95	80.0	175.22	85.0	184.07
90.0	192.24	95.0	199.44	100.0	205.42
105.0	209.95	110.0	212.86	115.0	214.03
120.0	213.40	125.0	210.97	130.0	206.82
135.0	201.09	140.0	193.99	145.0	185.74
150.0	176.64	155.0	166.97	160.0	157.02
165.0	147.10	170.0	137.45	175.0	128.31
180.0	119.87	185.0	112.25	190.0	105.53
195.0	99.75	200.0	94.87	205.0	90.83
210.0	87.53	215.0	84.85	220.0	82.65
225.0	80.81	230.0	79.22	235.0	77.77
240.0	76.40	245.0	75.05	250.0	73.72
255.0	72.42	260.0	71.18	265.0	70.07
270.0	69.14	275.0	68.47	280.0	68.11
285.0	68.09	290.0	68.43	295.0	69.09
300.0	70.02	305.0	71.17	310.0	72.47
315.0	73.83	320.0	75.20	325.0	76.53
330.0	77.78	335.0	78.94	340.0	80.00
345.0	81.00	350.0	81.98	355.0	83.00