

INDEPENDENT BCST CONSULTANTS, INC.,

TRUMANSBURG, NEW YORK

TRUE BEARING DEGREES	FCC STD. RAD. {AT 1 KM} AT VERTICAL ANGLES THETA {DEGREES}						
	.00 MV/M	5.00 MV/M	10.00 MV/M	15.00 MV/M	20.00 MV/M	25.00 MV/M	30.00 MV/M
50.0	40.37	38.30	32.36	23.53	13.98	10.75	17.86
109.0	38.43	38.64	39.46	41.31	44.54	49.22	54.97
113.2	61.82	62.22	63.47	65.65	68.80	72.78	77.25
105.4	27.14	26.87	26.36	26.50	28.36	32.50	38.55
102.1	24.89	24.15	22.18	19.83	18.74	20.76	26.07
41.6	21.47	20.50	18.54	18.45	22.84	30.47	38.49
40.9	21.02	20.33	19.21	20.27	25.29	32.94	40.73
40.7	20.99	20.38	19.50	20.85	26.02	33.66	41.38
41.3	21.21	20.36	18.76	19.18	23.87	31.52	39.44
43.4	24.43	22.95	19.15	15.70	17.42	24.60	33.07
46.5	32.11	30.21	24.86	17.47	12.32	16.31	24.95
100.3	25.61	24.76	22.37	19.04	16.15	16.19	20.46
94.4	27.66	26.94	24.81	21.38	16.94	12.27	9.93
92.1	26.78	26.21	24.51	21.69	17.87	13.41	9.66
89.2	24.21	23.86	22.79	20.92	18.21	14.71	10.91
85.7	19.86	19.76	19.40	18.66	17.37	15.34	12.58
80.2	16.73	16.53	16.06	15.55	15.15	14.71	13.79
75.2	24.24	23.41	21.16	18.18	15.50	14.03	13.65
71.5	32.52	31.28	27.82	22.88	17.75	14.16	13.19
69.6	36.66	35.24	31.25	25.46	19.17	14.37	12.89
64.3	45.81	44.01	38.87	31.19	22.35	14.66	11.88
58.4	49.54	47.48	41.59	32.69	22.22	12.93	11.10
53.0	45.60	43.48	37.40	28.23	17.63	10.04	13.77
49.2	38.65	36.60	30.75	22.11	13.14	11.58	19.27
45.7	30.05	28.21	23.12	16.42	13.00	18.20	26.89
43.3	24.22	22.75	19.04	15.77	17.68	24.91	33.36
47.3	34.14	32.18	26.64	18.74	12.12	14.63	23.13
53.0	45.60	43.48	37.40	28.23	17.63	10.04	13.77
50.4	41.18	39.10	33.13	24.22	14.44	10.44	17.20
53.0	45.60	43.48	37.40	28.23	17.63	10.04	13.77
59.6	49.43	47.41	41.63	32.90	22.65	13.51	11.11
49.4	39.10	37.04	31.16	22.46	13.34	11.34	18.90
59.2	49.51	47.48	41.65	32.86	22.53	13.33	11.09
57.0	49.21	47.13	41.14	32.08	21.43	12.15	11.30
58.8	49.54	47.50	41.64	32.79	22.39	13.14	11.09
64.2	45.94	44.13	38.98	31.27	22.39	14.66	11.86

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	35.00 MV/M	40.00 MV/M	45.00 MV/M	50.00 MV/M	55.00 MV/M	60.00 MV/M
50.0	25.82	30.74	31.28	27.11	18.86	8.63
109.0	61.17	67.08	71.96	75.18	76.22	74.65
113.2	81.68	85.49	88.06	88.87	87.45	83.46
105.4	45.64	52.81	59.23	64.18	67.05	67.37
102.1	33.34	41.18	48.60	54.78	59.09	60.95
41.6	44.62	47.24	45.37	38.74	27.94	14.61
40.9	46.57	48.88	46.70	39.79	28.72	15.13
40.7	47.13	49.36	47.09	40.09	28.95	15.28
41.3	45.45	47.94	45.94	39.19	28.28	14.83
43.4	39.87	43.21	42.04	36.09	25.94	13.26
46.5	32.59	36.88	36.69	31.73	22.56	10.99
100.3	27.49	35.48	43.25	49.97	54.94	57.57
94.4	13.24	20.18	28.12	35.82	42.41	47.14
92.1	10.21	15.77	23.27	30.99	37.97	43.35
89.2	8.84	11.65	18.00	25.48	32.74	38.80
85.7	9.73	9.13	13.03	19.65	26.96	33.64
80.2	12.02	9.68	8.85	12.42	19.02	26.26
75.2	13.20	11.66	9.15	8.47	13.01	20.28
71.5	13.57	13.12	10.87	7.97	9.50	16.27
69.6	13.68	13.87	11.99	8.55	8.16	14.36
64.3	14.12	16.27	15.70	12.02	7.26	9.65
58.4	16.21	20.38	20.96	17.49	10.85	6.38
53.0	21.32	26.34	27.17	23.44	15.82	7.01
49.2	27.23	32.05	32.46	28.14	19.69	9.14
45.7	34.35	38.43	38.03	32.83	23.42	11.57
43.3	40.12	43.42	42.22	36.24	26.05	13.34
47.3	30.90	35.38	35.40	30.64	21.70	10.43
53.0	21.32	26.34	27.17	23.44	15.82	7.01
50.4	25.15	30.11	30.70	26.61	18.44	8.38
53.0	21.32	26.34	27.17	23.44	15.82	7.01
59.6	15.54	19.37	19.77	16.29	9.90	6.77
49.4	26.87	31.71	32.16	27.88	19.48	9.01
59.2	15.75	19.69	20.16	16.68	10.21	6.62
57.0	17.18	21.70	22.43	18.95	12.06	6.17
58.8	15.97	20.03	20.56	17.08	10.53	6.49
64.2	14.13	16.33	15.77	12.10	7.29	9.57

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	.00 MV/M	5.00 MV/M	10.00 MV/M	15.00 MV/M	20.00 MV/M	25.00 MV/M	30.00 MV/M
56.3	48.87	46.77	40.75	31.63	20.92	11.73	11.51
63.3	46.99	45.13	39.82	31.87	22.66	14.56	11.67
61.8	48.35	46.42	40.89	32.58	22.89	14.27	11.39
62.9	47.40	45.52	40.15	32.10	22.75	14.50	11.59
67.5	40.80	39.21	34.71	28.08	20.66	14.60	12.52
104.9	26.35	25.99	25.24	25.02	26.54	30.48	36.49
109.6	41.19	41.45	42.40	44.38	47.69	52.34	57.97
109.4	40.24	40.49	41.40	43.34	46.63	51.29	56.96
107.3	31.90	31.92	32.23	33.47	36.28	40.87	46.88
102.6	24.85	24.16	22.37	20.37	19.80	22.28	27.79
98.9	26.42	25.55	23.04	19.32	15.42	13.74	16.77
94.9	27.70	26.96	24.75	21.22	16.68	12.09	10.25
91.3	26.22	25.71	24.17	21.61	18.07	13.82	9.91
306.6	115.23	115.97	118.09	121.35	125.36	129.56	133.29
314.4	73.19	70.81	63.95	53.56	41.60	32.17	31.84
311.8	41.28	40.60	39.19	38.89	41.89	49.02	59.11
307.4	98.62	99.48	101.98	105.90	110.84	116.23	121.37
303.6	180.24	180.38	180.70	181.03	181.04	180.35	178.51
220.1	338.62	336.76	331.67	324.69	317.53	311.65	307.50
217.9	340.75	338.59	332.65	324.36	315.67	308.32	303.05
219.3	339.30	337.33	331.92	324.46	316.74	310.33	305.77
220.5	338.33	336.52	331.60	324.86	317.98	312.37	308.40
221.0	338.01	336.28	331.56	325.12	318.60	313.31	309.58
179.1	338.54	336.57	330.93	322.45	312.22	301.35	290.53
173.9	334.43	332.81	328.15	321.02	312.16	302.28	291.77
176.1	335.92	334.16	329.12	321.46	312.08	301.85	291.27
179.9	339.35	337.31	331.51	322.78	312.31	301.24	290.34
180.9	340.41	338.30	332.28	323.25	312.45	301.13	290.11
183.6	343.52	341.19	334.57	324.69	312.98	300.93	289.55

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	35.00 MV/M	40.00 MV/M	45.00 MV/M	50.00 MV/M	55.00 MV/M	60.00 MV/M
56.3	17.76	22.41	23.20	19.70	12.68	6.16
63.3	14.30	16.83	16.49	12.86	7.61	8.90
61.8	14.68	17.76	17.76	14.19	8.38	7.90
62.9	14.38	17.07	16.82	13.21	7.79	8.62
67.5	13.79	14.74	13.36	9.67	7.24	12.37
104.9	43.65	50.96	57.55	62.71	65.82	66.38
109.6	63.96	69.60	74.18	77.09	77.79	75.89
109.4	63.02	68.75	73.44	76.45	77.27	75.48
107.3	53.58	60.15	65.81	69.89	71.83	71.18
102.6	35.07	42.85	50.14	56.16	60.27	61.91
98.9	23.39	31.36	39.32	46.38	51.82	55.01
94.9	14.11	21.27	29.26	36.92	43.41	47.98
91.3	9.56	14.46	21.72	29.41	36.49	42.07
306.6	135.86	136.60	134.94	130.45	122.89	112.21
314.4	41.33	54.37	66.65	76.03	81.41	82.18
311.8	70.21	80.56	88.76	93.81	95.03	92.08
307.4	125.48	127.82	127.74	124.76	118.58	109.10
303.6	175.08	169.67	161.97	151.78	139.04	123.85
220.1	304.11	299.35	290.59	275.48	252.68	222.08
217.9	299.10	294.37	286.11	271.81	249.92	220.20
219.3	302.20	297.48	288.91	274.12	251.66	221.40
220.5	305.10	300.32	291.44	276.17	253.19	222.42
221.0	306.38	301.55	292.52	277.05	253.83	222.84
179.1	279.78	268.34	254.92	238.12	216.85	190.70
173.9	280.54	267.98	253.14	235.00	212.82	186.37
176.1	280.28	268.21	253.98	236.40	214.59	188.26
179.9	279.64	268.35	255.15	238.55	217.42	191.32
180.9	279.45	268.36	255.42	239.08	218.13	192.10
183.6	278.99	268.38	256.13	240.46	219.99	194.13