

TABULATION OF TERRAIN, PATTERN, AND 70 DBU CONTOUR DATA FOR PROPOSED SANTA ISABEL, PR, CHANNEL
251A, 6/1.9 KW, H/V, 133 M HAAT, 23 M AGL, 286 M AMSL, MECHANICAL BEAM TILT = 2.6° AT 34°TRUE

AZIMUTH (DEG)	TERRAIN-M	HAAT-M	HORIZONTAL RELATIVE FIELD	VERTICAL RELATIVE FIELD	ERP-KW	70 DBU F5050
0	325.0	-39.0	1.000	0.927	5.153	8.57
5	352.6	-66.6	1.000	0.916	5.032	8.52
10	359.0	-73.0	1.000	0.907	4.938	8.47
15	393.2	-107.2	1.000	0.882	4.669	8.35
20	399.0	-113.0	1.000	0.869	4.533	8.28
25	410.1	-124.1	1.000	0.754	3.412	7.67
30	392.8	-106.8	1.000	0.828	4.117	8.06
35	366.0	-80.0	1.000	0.893	4.787	8.40
40	382.7	-96.7	1.000	0.873	4.570	8.30
45	387.1	-101.1	1.000	0.884	4.689	8.36
50	404.8	-118.8	1.000	0.863	4.471	8.25
55	380.0	-94.0	1.000	0.768	3.539	7.75
60	422.1	-136.1	1.000	0.804	3.877	7.93
65	383.0	-97.0	1.000	0.732	3.212	7.55
70	267.3	18.7	1.000	0.749	3.364	7.64
75	256.3	29.7	1.000	0.886	4.715	8.37
80	220.1	65.9	1.000	0.963	5.568	12.82
85	141.1	144.9	1.000	0.929	5.177	18.97
90	130.8	155.2	1.000	0.897	4.827	19.32
95	111.7	174.3	1.000	0.967	5.610	21.20
100	79.6	206.4	1.000	0.967	5.609	22.85
105	55.2	230.8	1.000	0.999	5.989	24.47
110	43.2	242.8	1.000	1.000	6.000	25.07
115	41.2	244.8	1.000	0.992	5.905	25.08
120	62.1	223.9	1.000	0.982	5.791	23.93
125	25.2	260.8	1.000	0.975	5.707	25.62
130	14.0	272.0	1.000	0.967	5.610	26.02
135	13.3	272.7	1.000	0.953	5.447	25.87
140	10.4	275.6	1.000	0.931	5.204	25.73
145	8.3	277.7	1.000	0.910	4.972	25.55
150	6.6	279.4	1.000	0.890	4.752	25.35
155	5.2	280.8	1.000	0.870	4.546	25.15
160	4.6	281.4	1.000	0.845	4.279	24.83
165	4.0	282.0	1.000	0.818	4.014	24.48
170	3.3	282.7	1.000	0.793	3.771	24.15
175	2.9	283.1	1.000	0.770	3.558	23.85
180	3.4	282.6	1.000	0.750	3.371	23.52
185	4.0	282.0	1.000	0.731	3.209	23.23
190	4.7	281.3	1.000	0.714	3.061	22.95
195	5.3	280.7	1.000	0.698	2.926	22.68
200	6.3	279.7	1.000	0.686	2.822	22.45
205	7.4	278.6	1.000	0.677	2.749	22.27
210	8.7	277.3	1.000	0.672	2.707	22.14
215	9.0	277.0	1.000	0.670	2.697	22.11
220	10.1	275.9	1.000	0.673	2.717	22.11

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225	10.3	275.7	1.000	0.679	2.769	22.19
230	10.4	275.6	1.000	0.692	2.874	22.39
235	10.7	275.3	1.000	0.703	2.967	22.55
240	12.6	273.4	1.000	0.720	3.111	22.73
245	17.5	268.5	1.000	0.736	3.252	22.78
250	18.0	268.0	1.000	0.755	3.421	23.03
255	22.1	263.9	1.000	0.776	3.613	23.16
260	33.2	252.8	1.000	0.798	3.819	23.00
265	55.2	230.8	1.000	0.822	4.057	22.35
270	78.9	207.1	1.000	0.861	4.452	21.69
275	86.6	199.4	1.000	0.888	4.727	21.61
280	94.8	191.2	1.000	0.912	4.989	21.48
285	148.2	137.8	1.000	0.937	5.266	18.56
290	155.7	130.3	1.000	0.971	5.654	18.37
295	211.8	74.2	1.000	0.985	5.816	13.67
300	249.2	36.8	1.000	0.981	5.771	9.73
305	177.9	108.1	1.000	0.991	5.898	16.84
310	211.2	74.8	1.000	0.996	5.953	13.79
315	241.0	45.0	1.000	0.979	5.756	10.78
320	276.2	9.8	1.000	0.998	5.981	8.92
325	302.4	-16.4	1.000	0.985	5.820	8.85
330	303.2	-17.2	1.000	0.965	5.582	8.76
335	301.6	-15.6	1.000	0.937	5.273	8.63
340	388.0	-102.0	1.000	0.852	4.352	8.19
345	383.5	-97.5	1.000	0.913	4.996	8.50
350	344.9	-58.9	1.000	0.920	5.083	8.54
355	322.1	-36.1	1.000	0.956	5.487	8.72