

Distance to 34dBu Contour Report

rfSoftware, Inc.

Job: WIN_284.fmj:*Proposed
 N48:28:41 W120:15:19 NAD-27
 Channel: 279 Class: DX
 Signal Level: 34dBu(0.05mV/m) [50-10]
 Max ERP: 0.25kW(-6.02dBk) HAAT: -98.1 meters
 Description: Exhibit 12-7

rfInvestigator-FM Version 2.0.79
 by rfSoftware, Inc.
 Date: 8/22/2003 3:22:29 PM
 FCC 30-Sec DEM(NGDC)
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Site Elevation: 877 meters AMSL Rad Center: 892.0 meters AMSL

Distance to Contour:

Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)
000	5.5	(3.4)	047	6.7	(4.1)	094	29.3	(18.2)	141	75.7	(47.0)
001	5.5	(3.4)	048	6.8	(4.2)	095	29.5	(18.4)	142	73.9	(45.9)
002	5.5	(3.4)	049	6.9	(4.3)	096	29.8	(18.5)	143	72.5	(45.1)
003	5.5	(3.4)	050	7.1	(4.4)	097	30.1	(18.7)	144	71.9	(44.7)
004	5.5	(3.4)	051	8.0	(5.0)	098	32.1	(19.9)	145	71.8	(44.6)
005	5.5	(3.4)	052	8.9	(5.6)	099	43.1	(26.8)	146	71.8	(44.6)
006	5.5	(3.4)	053	9.7	(6.1)	100	50.4	(31.3)	147	71.6	(44.5)
007	5.5	(3.4)	054	10.4	(6.5)	101	55.7	(34.6)	148	70.9	(44.1)
008	5.5	(3.4)	055	11.1	(6.9)	102	59.8	(37.1)	149	70.0	(43.5)
009	5.5	(3.4)	056	11.7	(7.3)	103	63.0	(39.1)	150	69.3	(43.1)
010	5.5	(3.4)	057	12.3	(7.6)	104	65.3	(40.6)	151	68.6	(42.6)
011	5.5	(3.4)	058	12.8	(8.0)	105	66.6	(41.4)	152	67.4	(41.9)
012	5.5	(3.4)	059	13.3	(8.3)	106	67.0	(41.6)	153	65.4	(40.6)
013	5.5	(3.4)	060	13.8	(8.6)	107	67.0	(41.7)	154	63.6	(39.5)
014	5.5	(3.4)	061	14.5	(9.0)	108	67.1	(41.7)	155	63.0	(39.1)
015	5.5	(3.4)	062	15.3	(9.5)	109	67.4	(41.9)	156	62.2	(38.7)
016	5.5	(3.4)	063	16.1	(10.0)	110	68.0	(42.2)	157	59.9	(37.2)
017	5.5	(3.4)	064	16.9	(10.5)	111	68.5	(42.6)	158	56.5	(35.1)
018	5.5	(3.4)	065	17.6	(11.0)	112	69.0	(42.9)	159	52.9	(32.9)
019	5.5	(3.4)	066	18.3	(11.4)	113	69.6	(43.2)	160	50.0	(31.1)
020	5.5	(3.4)	067	19.0	(11.8)	114	70.4	(43.7)	161	50.1	(31.1)
021	5.5	(3.4)	068	19.6	(12.2)	115	71.2	(44.3)	162	53.3	(33.1)
022	5.5	(3.4)	069	20.2	(12.6)	116	71.9	(44.7)	163	55.9	(34.7)
023	6.5	(4.1)	070	20.8	(12.9)	117	72.5	(45.0)	164	56.9	(35.4)
024	8.0	(5.0)	071	21.3	(13.2)	118	73.3	(45.6)	165	57.3	(35.6)
025	9.3	(5.8)	072	21.7	(13.5)	119	74.6	(46.3)	166	57.4	(35.7)
026	10.3	(6.4)	073	22.1	(13.7)	120	75.7	(47.1)	167	56.5	(35.1)
027	10.9	(6.8)	074	22.5	(14.0)	121	76.6	(47.6)	168	53.8	(33.4)
028	11.0	(6.8)	075	22.9	(14.2)	122	77.6	(48.2)	169	51.3	(31.9)
029	10.8	(6.7)	076	23.3	(14.5)	123	78.6	(48.8)	170	47.7	(29.7)
030	11.0	(6.8)	077	23.7	(14.7)	124	79.8	(49.6)	171	40.5	(25.2)
031	11.3	(7.0)	078	24.0	(14.9)	125	81.0	(50.3)	172	29.3	(18.2)
032	11.5	(7.1)	079	24.4	(15.2)	126	81.8	(50.9)	173	27.1	(16.9)
033	11.1	(6.9)	080	24.8	(15.4)	127	82.5	(51.2)	174	26.8	(16.7)
034	10.4	(6.5)	081	25.1	(15.6)	128	83.0	(51.6)	175	26.5	(16.5)
035	9.5	(5.9)	082	25.5	(15.8)	129	83.4	(51.8)	176	26.1	(16.2)
036	8.7	(5.4)	083	25.8	(16.0)	130	83.6	(51.9)	177	25.8	(16.0)
037	8.0	(5.0)	084	26.1	(16.2)	131	83.5	(51.9)	178	25.5	(15.8)
038	7.2	(4.5)	085	26.5	(16.5)	132	83.5	(51.9)	179	25.1	(15.6)
039	6.4	(4.0)	086	26.8	(16.7)	133	83.5	(51.9)	180	24.8	(15.4)
040	5.9	(3.7)	087	27.1	(16.9)	134	83.4	(51.8)	181	24.4	(15.2)
041	5.7	(3.5)	088	27.5	(17.1)	135	82.8	(51.4)	182	24.0	(14.9)
042	5.8	(3.6)	089	27.8	(17.3)	136	81.8	(50.8)	183	23.7	(14.7)
043	6.0	(3.7)	090	28.1	(17.5)	137	80.8	(50.2)	184	23.3	(14.5)
044	6.2	(3.8)	091	28.4	(17.7)	138	79.7	(49.5)	185	22.9	(14.2)
045	6.3	(3.9)	092	28.7	(17.8)	139	78.5	(48.8)	186	22.5	(14.0)
046	6.5	(4.0)	093	29.0	(18.0)	140	77.2	(48.0)	187	22.1	(13.7)

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Distance to Contour:

Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)
188	21.7	(13.5)	235	5.5	(3.4)	282	5.5	(3.4)	329	7.9	(4.9)
189	21.3	(13.2)	236	5.5	(3.4)	283	5.5	(3.4)	330	5.5	(3.4)
190	20.8	(12.9)	237	5.5	(3.4)	284	5.5	(3.4)	331	5.5	(3.4)
191	20.2	(12.6)	238	5.5	(3.4)	285	5.5	(3.4)	332	5.5	(3.4)
192	19.6	(12.2)	239	5.5	(3.4)	286	5.5	(3.4)	333	5.5	(3.4)
193	19.0	(11.8)	240	5.5	(3.4)	287	5.5	(3.4)	334	5.5	(3.4)
194	18.3	(11.4)	241	5.5	(3.4)	288	5.5	(3.4)	335	5.5	(3.4)
195	17.6	(11.0)	242	5.5	(3.4)	289	5.5	(3.4)	336	5.5	(3.4)
196	16.9	(10.5)	243	5.5	(3.4)	290	5.5	(3.4)	337	5.5	(3.4)
197	16.1	(10.0)	244	5.5	(3.4)	291	5.5	(3.4)	338	5.5	(3.4)
198	15.3	(9.5)	245	5.5	(3.4)	292	5.5	(3.4)	339	5.5	(3.4)
199	14.5	(9.0)	246	5.5	(3.4)	293	5.5	(3.4)	340	5.5	(3.4)
200	13.8	(8.6)	247	5.5	(3.4)	294	5.5	(3.4)	341	5.5	(3.4)
201	13.3	(8.3)	248	5.5	(3.4)	295	5.5	(3.4)	342	5.5	(3.4)
202	12.8	(8.0)	249	5.5	(3.4)	296	5.5	(3.4)	343	5.5	(3.4)
203	12.3	(7.6)	250	5.5	(3.4)	297	5.5	(3.4)	344	5.5	(3.4)
204	11.7	(7.3)	251	5.5	(3.4)	298	5.5	(3.4)	345	5.5	(3.4)
205	11.1	(6.9)	252	5.5	(3.4)	299	5.5	(3.4)	346	5.5	(3.4)
206	10.4	(6.5)	253	5.5	(3.4)	300	5.5	(3.4)	347	5.5	(3.4)
207	9.7	(6.1)	254	5.5	(3.4)	301	5.5	(3.4)	348	5.5	(3.4)
208	8.9	(5.6)	255	5.5	(3.4)	302	5.5	(3.4)	349	5.5	(3.4)
209	8.0	(5.0)	256	5.5	(3.4)	303	5.5	(3.4)	350	5.5	(3.4)
210	7.1	(4.4)	257	5.5	(3.4)	304	5.5	(3.4)	351	5.5	(3.4)
211	6.9	(4.3)	258	5.5	(3.4)	305	5.5	(3.4)	352	5.5	(3.4)
212	6.8	(4.2)	259	5.5	(3.4)	306	5.5	(3.4)	353	5.5	(3.4)
213	6.7	(4.1)	260	5.5	(3.4)	307	5.5	(3.4)	354	5.5	(3.4)
214	6.5	(4.0)	261	5.5	(3.4)	308	5.5	(3.4)	355	5.5	(3.4)
215	6.3	(3.9)	262	5.5	(3.4)	309	5.5	(3.4)	356	5.5	(3.4)
216	6.2	(3.8)	263	5.5	(3.4)	310	5.5	(3.4)	357	5.5	(3.4)
217	6.0	(3.7)	264	5.5	(3.4)	311	5.5	(3.4)	358	5.5	(3.4)
218	5.8	(3.6)	265	5.5	(3.4)	312	7.3	(4.5)	359	5.5	(3.4)
219	5.7	(3.5)	266	5.5	(3.4)	313	10.7	(6.6)			
220	5.5	(3.4)	267	5.5	(3.4)	314	13.0	(8.1)			
221	5.5	(3.4)	268	5.5	(3.4)	315	14.4	(8.9)			
222	5.5	(3.4)	269	5.5	(3.4)	316	15.6	(9.7)			
223	5.5	(3.4)	270	5.5	(3.4)	317	16.1	(10.0)			
224	5.5	(3.4)	271	5.5	(3.4)	318	16.4	(10.2)			
225	5.5	(3.4)	272	5.5	(3.4)	319	16.6	(10.3)			
226	5.5	(3.4)	273	5.5	(3.4)	320	16.7	(10.4)			
227	5.5	(3.4)	274	5.5	(3.4)	321	16.6	(10.3)			
228	5.5	(3.4)	275	5.5	(3.4)	322	16.3	(10.1)			
229	5.5	(3.4)	276	5.5	(3.4)	323	15.8	(9.8)			
230	5.5	(3.4)	277	5.5	(3.4)	324	15.1	(9.4)			
231	5.5	(3.4)	278	5.5	(3.4)	325	14.2	(8.8)			
232	5.5	(3.4)	279	5.5	(3.4)	326	13.5	(8.4)			
233	5.5	(3.4)	280	5.5	(3.4)	327	12.1	(7.5)			
234	5.5	(3.4)	281	5.5	(3.4)	328	10.4	(6.4)			