

Distance to 54dBu Contour Report

rfSoftware, Inc.

Job: WIN_284.fmj:Proposed
 N48:28:41 W120:15:19 NAD-27
 Channel: 279 Class: DX
 Signal Level: 54dBu(0.5mV/m) [50-10]
 Max ERP: 0.25kW(-6.02dBk) HAAT: -98.1 meters
 Description: Exhibit 12-4

rfInvestigator-FM Version 2.0.79
 by rfSoftware, Inc.
 Date: 8/22/2003 3:31:31 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	1.8	(1.1)	047	2.2	(1.3)	094	8.7	(5.4)	141	27.7	(17.2)
001	1.8	(1.1)	048	2.2	(1.4)	095	8.8	(5.5)	142	26.8	(16.6)
002	1.8	(1.1)	049	2.3	(1.4)	096	8.9	(5.5)	143	26.1	(16.2)
003	1.8	(1.1)	050	2.3	(1.4)	097	8.9	(5.6)	144	25.8	(16.0)
004	1.8	(1.1)	051	2.6	(1.6)	098	9.5	(5.9)	145	25.7	(16.0)
005	1.8	(1.1)	052	2.8	(1.8)	099	12.3	(7.6)	146	25.7	(16.0)
006	1.8	(1.1)	053	3.0	(1.9)	100	14.4	(9.0)	147	25.6	(15.9)
007	1.8	(1.1)	054	3.3	(2.0)	101	17.2	(10.7)	148	25.3	(15.7)
008	1.8	(1.1)	055	3.5	(2.2)	102	19.6	(12.1)	149	24.8	(15.4)
009	1.8	(1.1)	056	3.7	(2.3)	103	21.3	(13.2)	150	24.5	(15.2)
010	1.8	(1.1)	057	3.8	(2.4)	104	22.5	(14.0)	151	24.1	(15.0)
011	1.8	(1.1)	058	4.0	(2.5)	105	23.1	(14.4)	152	23.5	(14.6)
012	1.8	(1.1)	059	4.2	(2.6)	106	23.3	(14.5)	153	22.4	(13.9)
013	1.8	(1.1)	060	4.4	(2.7)	107	23.3	(14.5)	154	21.5	(13.4)
014	1.8	(1.1)	061	4.6	(2.8)	108	23.3	(14.5)	155	21.2	(13.2)
015	1.8	(1.1)	062	4.8	(3.0)	109	23.5	(14.6)	156	20.8	(13.0)
016	1.8	(1.1)	063	5.0	(3.1)	110	23.7	(14.8)	157	19.6	(12.2)
017	1.8	(1.1)	064	5.2	(3.2)	111	24.0	(14.9)	158	17.6	(11.0)
018	1.8	(1.1)	065	5.4	(3.4)	112	24.3	(15.1)	159	15.7	(9.7)
019	1.8	(1.1)	066	5.6	(3.5)	113	24.6	(15.3)	160	14.3	(8.9)
020	1.8	(1.1)	067	5.8	(3.6)	114	25.0	(15.5)	161	14.3	(8.9)
021	1.8	(1.1)	068	5.9	(3.7)	115	25.4	(15.8)	162	16.0	(9.9)
022	1.8	(1.1)	069	6.1	(3.8)	116	25.8	(16.0)	163	17.5	(10.9)
023	2.1	(1.3)	070	6.3	(3.9)	117	26.0	(16.2)	164	18.2	(11.3)
024	2.6	(1.6)	071	6.4	(4.0)	118	26.5	(16.4)	165	18.4	(11.4)
025	2.9	(1.8)	072	6.5	(4.0)	119	27.1	(16.8)	166	18.5	(11.5)
026	3.2	(2.0)	073	6.6	(4.1)	120	27.7	(17.2)	167	18.0	(11.2)
027	3.3	(2.1)	074	6.7	(4.2)	121	28.2	(17.5)	168	16.5	(10.3)
028	3.3	(2.1)	075	6.8	(4.3)	122	28.7	(17.8)	169	15.2	(9.4)
029	3.3	(2.1)	076	7.0	(4.3)	123	29.3	(18.2)	170	13.7	(8.5)
030	3.3	(2.1)	077	7.1	(4.4)	124	29.9	(18.6)	171	11.7	(7.3)
031	3.4	(2.1)	078	7.2	(4.5)	125	30.6	(19.0)	172	8.8	(5.4)
032	3.5	(2.2)	079	7.3	(4.5)	126	31.2	(19.4)	173	8.1	(5.0)
033	3.4	(2.1)	080	7.4	(4.6)	127	31.6	(19.6)	174	8.0	(5.0)
034	3.2	(2.0)	081	7.5	(4.7)	128	31.9	(19.8)	175	7.9	(4.9)
035	2.9	(1.8)	082	7.6	(4.7)	129	32.1	(20.0)	176	7.8	(4.8)
036	2.7	(1.7)	083	7.7	(4.8)	130	32.3	(20.1)	177	7.7	(4.8)
037	2.6	(1.6)	084	7.8	(4.8)	131	32.3	(20.0)	178	7.6	(4.7)
038	2.4	(1.5)	085	7.9	(4.9)	132	32.2	(20.0)	179	7.5	(4.7)
039	2.1	(1.3)	086	8.0	(5.0)	133	32.2	(20.0)	180	7.4	(4.6)
040	1.9	(1.2)	087	8.1	(5.0)	134	32.1	(20.0)	181	7.3	(4.5)
041	1.8	(1.1)	088	8.2	(5.1)	135	31.8	(19.7)	182	7.2	(4.5)
042	1.9	(1.2)	089	8.3	(5.1)	136	31.2	(19.4)	183	7.1	(4.4)
043	1.9	(1.2)	090	8.4	(5.2)	137	30.5	(19.0)	184	7.0	(4.3)
044	2.0	(1.2)	091	8.5	(5.3)	138	29.9	(18.6)	185	6.8	(4.3)
045	2.0	(1.3)	092	8.5	(5.3)	139	29.2	(18.2)	186	6.7	(4.2)
046	2.1	(1.3)	093	8.6	(5.4)	140	28.5	(17.7)	187	6.6	(4.1)

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Distance to Contour:

Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)
188	6.5	(4.0)	235	1.8	(1.1)	282	1.8	(1.1)	329	2.6	(1.6)
189	6.4	(4.0)	236	1.8	(1.1)	283	1.8	(1.1)	330	1.8	(1.1)
190	6.3	(3.9)	237	1.8	(1.1)	284	1.8	(1.1)	331	1.8	(1.1)
191	6.1	(3.8)	238	1.8	(1.1)	285	1.8	(1.1)	332	1.8	(1.1)
192	5.9	(3.7)	239	1.8	(1.1)	286	1.8	(1.1)	333	1.8	(1.1)
193	5.8	(3.6)	240	1.8	(1.1)	287	1.8	(1.1)	334	1.8	(1.1)
194	5.6	(3.5)	241	1.8	(1.1)	288	1.8	(1.1)	335	1.8	(1.1)
195	5.4	(3.4)	242	1.8	(1.1)	289	1.8	(1.1)	336	1.8	(1.1)
196	5.2	(3.2)	243	1.8	(1.1)	290	1.8	(1.1)	337	1.8	(1.1)
197	5.0	(3.1)	244	1.8	(1.1)	291	1.8	(1.1)	338	1.8	(1.1)
198	4.8	(3.0)	245	1.8	(1.1)	292	1.8	(1.1)	339	1.8	(1.1)
199	4.6	(2.8)	246	1.8	(1.1)	293	1.8	(1.1)	340	1.8	(1.1)
200	4.4	(2.7)	247	1.8	(1.1)	294	1.8	(1.1)	341	1.8	(1.1)
201	4.2	(2.6)	248	1.8	(1.1)	295	1.8	(1.1)	342	1.8	(1.1)
202	4.0	(2.5)	249	1.8	(1.1)	296	1.8	(1.1)	343	1.8	(1.1)
203	3.8	(2.4)	250	1.8	(1.1)	297	1.8	(1.1)	344	1.8	(1.1)
204	3.7	(2.3)	251	1.8	(1.1)	298	1.8	(1.1)	345	1.8	(1.1)
205	3.5	(2.2)	252	1.8	(1.1)	299	1.8	(1.1)	346	1.8	(1.1)
206	3.3	(2.0)	253	1.8	(1.1)	300	1.8	(1.1)	347	1.8	(1.1)
207	3.0	(1.9)	254	1.8	(1.1)	301	1.8	(1.1)	348	1.8	(1.1)
208	2.8	(1.8)	255	1.8	(1.1)	302	1.8	(1.1)	349	1.8	(1.1)
209	2.6	(1.6)	256	1.8	(1.1)	303	1.8	(1.1)	350	1.8	(1.1)
210	2.3	(1.4)	257	1.8	(1.1)	304	1.8	(1.1)	351	1.8	(1.1)
211	2.3	(1.4)	258	1.8	(1.1)	305	1.8	(1.1)	352	1.8	(1.1)
212	2.2	(1.4)	259	1.8	(1.1)	306	1.8	(1.1)	353	1.8	(1.1)
213	2.2	(1.3)	260	1.8	(1.1)	307	1.8	(1.1)	354	1.8	(1.1)
214	2.1	(1.3)	261	1.8	(1.1)	308	1.8	(1.1)	355	1.8	(1.1)
215	2.0	(1.3)	262	1.8	(1.1)	309	1.8	(1.1)	356	1.8	(1.1)
216	2.0	(1.2)	263	1.8	(1.1)	310	1.8	(1.1)	357	1.8	(1.1)
217	1.9	(1.2)	264	1.8	(1.1)	311	1.8	(1.1)	358	1.8	(1.1)
218	1.9	(1.2)	265	1.8	(1.1)	312	2.4	(1.5)	359	1.8	(1.1)
219	1.8	(1.1)	266	1.8	(1.1)	313	3.3	(2.0)			
220	1.8	(1.1)	267	1.8	(1.1)	314	3.9	(2.4)			
221	1.8	(1.1)	268	1.8	(1.1)	315	4.2	(2.6)			
222	1.8	(1.1)	269	1.8	(1.1)	316	4.4	(2.7)			
223	1.8	(1.1)	270	1.8	(1.1)	317	4.5	(2.8)			
224	1.8	(1.1)	271	1.8	(1.1)	318	4.5	(2.8)			
225	1.8	(1.1)	272	1.8	(1.1)	319	4.5	(2.8)			
226	1.8	(1.1)	273	1.8	(1.1)	320	4.6	(2.8)			
227	1.8	(1.1)	274	1.8	(1.1)	321	4.6	(2.8)			
228	1.8	(1.1)	275	1.8	(1.1)	322	4.5	(2.8)			
229	1.8	(1.1)	276	1.8	(1.1)	323	4.4	(2.8)			
230	1.8	(1.1)	277	1.8	(1.1)	324	4.3	(2.7)			
231	1.8	(1.1)	278	1.8	(1.1)	325	4.2	(2.6)			
232	1.8	(1.1)	279	1.8	(1.1)	326	4.0	(2.5)			
233	1.8	(1.1)	280	1.8	(1.1)	327	3.7	(2.3)			
234	1.8	(1.1)	281	1.8	(1.1)	328	3.2	(2.0)			