

Distance to 54dBu Contour Report

rfSoftware, Inc.

Job: BRE_267_File.fmj:Proposed
N48:01:00 W119:58:51 NAD-27
Channel: 267 Class: DX
Signal Level: 54dBu(0.5mV/m) [50-10]
Max ERP: 0.01kW(-20.0dBk) HAAT: 863.5 meters
Description: Exhibit 12-4

rfInvestigator-FM Version 2.0.79
by rfSoftware, Inc.
Date: 8/19/2003 1:20:37 PM
FCC 30-Sec DEM(NGDC)
Page 1 of 2

Site Elevation: 1,601 meters AMSL Rad Center: 1,611.0 meters AMSL

Distance to Contour:

Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)
000	24.6	(15.3)	047	30.4	(18.9)	094	25.9	(16.1)	141	24.4	(15.1)
001	24.6	(15.3)	048	30.7	(19.1)	095	25.8	(16.0)	142	24.4	(15.2)
002	24.7	(15.3)	049	31.0	(19.2)	096	25.7	(16.0)	143	24.5	(15.2)
003	24.7	(15.4)	050	31.3	(19.4)	097	25.6	(15.9)	144	24.7	(15.3)
004	24.8	(15.4)	051	31.6	(19.6)	098	25.6	(15.9)	145	24.8	(15.4)
005	24.8	(15.4)	052	32.0	(19.9)	099	25.5	(15.9)	146	24.9	(15.5)
006	24.7	(15.4)	053	32.4	(20.1)	100	25.5	(15.9)	147	25.0	(15.6)
007	24.6	(15.3)	054	32.7	(20.3)	101	25.5	(15.9)	148	25.1	(15.6)
008	24.5	(15.2)	055	33.0	(20.5)	102	25.5	(15.9)	149	25.2	(15.7)
009	24.5	(15.2)	056	33.2	(20.6)	103	25.5	(15.9)	150	25.3	(15.7)
010	24.5	(15.2)	057	33.3	(20.7)	104	25.5	(15.9)	151	25.5	(15.8)
011	24.6	(15.3)	058	33.2	(20.7)	105	25.5	(15.9)	152	25.6	(15.9)
012	24.7	(15.3)	059	33.2	(20.6)	106	25.5	(15.9)	153	25.7	(15.9)
013	24.8	(15.4)	060	33.0	(20.5)	107	25.6	(15.9)	154	25.7	(16.0)
014	24.9	(15.4)	061	32.9	(20.4)	108	25.6	(15.9)	155	25.8	(16.0)
015	25.0	(15.5)	062	32.7	(20.3)	109	25.6	(15.9)	156	25.8	(16.0)
016	25.0	(15.6)	063	32.5	(20.2)	110	25.7	(16.0)	157	25.8	(16.0)
017	25.1	(15.6)	064	32.4	(20.1)	111	25.7	(16.0)	158	25.8	(16.0)
018	25.1	(15.6)	065	32.2	(20.0)	112	25.8	(16.0)	159	25.7	(15.9)
019	25.2	(15.7)	066	31.9	(19.8)	113	25.8	(16.0)	160	25.5	(15.8)
020	25.3	(15.7)	067	31.6	(19.6)	114	25.8	(16.0)	161	25.2	(15.6)
021	25.4	(15.8)	068	31.4	(19.5)	115	25.9	(16.1)	162	24.9	(15.4)
022	25.5	(15.9)	069	31.1	(19.3)	116	25.9	(16.1)	163	24.5	(15.2)
023	25.8	(16.0)	070	30.8	(19.1)	117	25.9	(16.1)	164	24.2	(15.0)
024	26.0	(16.2)	071	30.5	(18.9)	118	26.0	(16.1)	165	23.9	(14.9)
025	26.4	(16.4)	072	30.1	(18.7)	119	26.0	(16.1)	166	23.8	(14.8)
026	26.7	(16.6)	073	29.8	(18.5)	120	26.0	(16.2)	167	23.7	(14.7)
027	27.0	(16.8)	074	29.5	(18.3)	121	26.0	(16.2)	168	23.5	(14.6)
028	27.2	(16.9)	075	29.2	(18.1)	122	26.0	(16.2)	169	23.3	(14.5)
029	27.5	(17.1)	076	28.9	(18.0)	123	26.0	(16.1)	170	23.1	(14.3)
030	27.6	(17.2)	077	28.8	(17.9)	124	25.9	(16.1)	171	22.9	(14.2)
031	27.8	(17.3)	078	28.6	(17.8)	125	25.8	(16.0)	172	22.7	(14.1)
032	28.0	(17.4)	079	28.4	(17.7)	126	25.8	(16.0)	173	22.5	(14.0)
033	28.1	(17.5)	080	28.3	(17.6)	127	25.8	(16.0)	174	22.3	(13.8)
034	28.3	(17.6)	081	28.1	(17.5)	128	25.8	(16.0)	175	22.2	(13.8)
035	28.4	(17.7)	082	28.0	(17.4)	129	25.8	(16.0)	176	22.1	(13.7)
036	28.6	(17.8)	083	27.8	(17.3)	130	25.7	(16.0)	177	22.0	(13.6)
037	28.7	(17.8)	084	27.6	(17.2)	131	25.5	(15.8)	178	21.9	(13.6)
038	28.8	(17.9)	085	27.5	(17.1)	132	25.2	(15.7)	179	21.7	(13.5)
039	28.9	(17.9)	086	27.3	(16.9)	133	25.0	(15.5)	180	21.6	(13.4)
040	29.0	(18.0)	087	27.1	(16.8)	134	24.8	(15.4)	181	21.6	(13.4)
041	29.2	(18.1)	088	26.9	(16.7)	135	24.8	(15.4)	182	21.6	(13.4)
042	29.3	(18.2)	089	26.7	(16.6)	136	24.7	(15.4)	183	21.6	(13.4)
043	29.5	(18.3)	090	26.5	(16.5)	137	24.7	(15.3)	184	21.5	(13.4)
044	29.7	(18.5)	091	26.4	(16.4)	138	24.6	(15.3)	185	21.4	(13.3)
045	30.0	(18.6)	092	26.2	(16.3)	139	24.5	(15.2)	186	21.2	(13.2)
046	30.2	(18.8)	093	26.1	(16.2)	140	24.4	(15.2)	187	21.1	(13.1)

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Distance to Contour:

Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)
188	21.0	(13.1)	235	21.6	(13.4)	282	12.7	(7.9)	329	22.6	(14.1)
189	21.1	(13.1)	236	21.7	(13.5)	283	12.9	(8.0)	330	22.8	(14.1)
190	21.2	(13.1)	237	21.6	(13.4)	284	13.0	(8.1)	331	22.8	(14.2)
191	21.1	(13.1)	238	21.3	(13.2)	285	13.1	(8.2)	332	22.8	(14.2)
192	21.1	(13.1)	239	20.9	(13.0)	286	13.3	(8.3)	333	22.9	(14.2)
193	21.0	(13.1)	240	20.5	(12.7)	287	13.5	(8.4)	334	23.0	(14.3)
194	21.0	(13.1)	241	20.1	(12.5)	288	13.7	(8.5)	335	23.1	(14.4)
195	21.0	(13.1)	242	19.8	(12.3)	289	14.0	(8.7)	336	23.3	(14.5)
196	21.1	(13.1)	243	19.5	(12.1)	290	14.1	(8.8)	337	23.5	(14.6)
197	21.3	(13.2)	244	19.3	(12.0)	291	14.2	(8.8)	338	23.7	(14.7)
198	21.5	(13.3)	245	19.1	(11.9)	292	14.2	(8.8)	339	24.0	(14.9)
199	21.7	(13.5)	246	18.9	(11.8)	293	14.3	(8.9)	340	24.4	(15.1)
200	22.0	(13.7)	247	18.7	(11.6)	294	14.5	(9.0)	341	24.6	(15.3)
201	22.2	(13.8)	248	18.3	(11.4)	295	14.9	(9.2)	342	24.8	(15.4)
202	22.2	(13.8)	249	18.0	(11.2)	296	15.7	(9.8)	343	24.9	(15.5)
203	22.1	(13.8)	250	17.8	(11.1)	297	16.3	(10.1)	344	25.0	(15.5)
204	22.1	(13.7)	251	17.4	(10.8)	298	16.8	(10.4)	345	25.0	(15.6)
205	22.1	(13.7)	252	17.0	(10.6)	299	17.4	(10.8)	346	25.1	(15.6)
206	22.3	(13.8)	253	16.5	(10.3)	300	17.9	(11.1)	347	25.2	(15.7)
207	22.5	(14.0)	254	16.1	(10.0)	301	18.4	(11.4)	348	25.3	(15.7)
208	22.8	(14.1)	255	15.7	(9.8)	302	18.8	(11.7)	349	25.3	(15.7)
209	22.9	(14.2)	256	15.6	(9.7)	303	19.2	(11.9)	350	25.3	(15.7)
210	23.0	(14.3)	257	15.5	(9.6)	304	19.5	(12.1)	351	25.4	(15.8)
211	23.1	(14.3)	258	15.5	(9.7)	305	19.7	(12.3)	352	25.3	(15.7)
212	23.1	(14.4)	259	15.6	(9.7)	306	20.0	(12.4)	353	25.2	(15.7)
213	23.1	(14.3)	260	15.5	(9.6)	307	20.3	(12.6)	354	25.0	(15.5)
214	23.0	(14.3)	261	15.3	(9.5)	308	20.6	(12.8)	355	24.7	(15.4)
215	22.9	(14.2)	262	15.0	(9.3)	309	20.8	(12.9)	356	24.5	(15.2)
216	22.8	(14.2)	263	14.6	(9.1)	310	21.0	(13.1)	357	24.4	(15.2)
217	22.8	(14.2)	264	14.4	(9.0)	311	21.2	(13.2)	358	24.5	(15.2)
218	22.8	(14.2)	265	14.2	(8.8)	312	21.3	(13.2)	359	24.5	(15.2)
219	22.7	(14.1)	266	13.8	(8.6)	313	21.4	(13.3)			
220	22.6	(14.1)	267	13.5	(8.4)	314	21.4	(13.3)			
221	22.5	(14.0)	268	13.0	(8.1)	315	21.4	(13.3)			
222	22.3	(13.9)	269	12.6	(7.8)	316	21.3	(13.2)			
223	22.0	(13.7)	270	12.2	(7.6)	317	21.2	(13.2)			
224	21.7	(13.5)	271	12.1	(7.5)	318	21.1	(13.1)			
225	21.4	(13.3)	272	12.1	(7.5)	319	21.1	(13.1)			
226	21.1	(13.1)	273	12.1	(7.5)	320	21.1	(13.1)			
227	20.9	(13.0)	274	12.1	(7.5)	321	21.2	(13.2)			
228	20.8	(12.9)	275	11.9	(7.4)	322	21.3	(13.3)			
229	20.7	(12.9)	276	11.7	(7.3)	323	21.5	(13.4)			
230	20.7	(12.8)	277	11.7	(7.3)	324	21.8	(13.5)			
231	20.7	(12.8)	278	11.8	(7.4)	325	22.0	(13.7)			
232	20.8	(12.9)	279	12.0	(7.4)	326	22.1	(13.8)			
233	21.0	(13.1)	280	12.2	(7.6)	327	22.3	(13.8)			
234	21.3	(13.2)	281	12.5	(7.8)	328	22.4	(13.9)			