

Distance to 40dBu Contour Report

rfSoftware, Inc.

Job: BRE_267_File.fmj:Proposed
 N48:01:00 W119:58:51 NAD-27
 Channel: 267 Class: DX
 Signal Level: 40dBu(0.1mV/m) [50-10]
 Max ERP: 0.01kW(-20.0dBk) HAAT: 863.5 meters
 Description: Exhibit 12-3

rfInvestigator-FM Version 2.0.79
 by rfSoftware, Inc.
 Date: 8/19/2003 1:18:56 PM
 FCC 30-Sec DEM(NGDC)
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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	57.5	(35.7)	047	66.8	(41.5)	094	59.8	(37.1)	141	57.2	(35.6)
001	57.6	(35.8)	048	67.2	(41.7)	095	59.6	(37.0)	142	57.3	(35.6)
002	57.7	(35.8)	049	67.5	(42.0)	096	59.4	(36.9)	143	57.5	(35.7)
003	57.7	(35.9)	050	68.0	(42.2)	097	59.3	(36.8)	144	57.7	(35.9)
004	57.8	(35.9)	051	68.5	(42.5)	098	59.2	(36.8)	145	58.0	(36.0)
005	57.8	(35.9)	052	69.0	(42.9)	099	59.1	(36.7)	146	58.2	(36.2)
006	57.7	(35.9)	053	69.6	(43.2)	100	59.1	(36.7)	147	58.4	(36.3)
007	57.5	(35.7)	054	70.1	(43.5)	101	59.1	(36.8)	148	58.6	(36.4)
008	57.3	(35.6)	055	70.5	(43.8)	102	59.2	(36.8)	149	58.8	(36.5)
009	57.3	(35.6)	056	70.8	(44.0)	103	59.2	(36.8)	150	59.0	(36.6)
010	57.2	(35.6)	057	70.9	(44.1)	104	59.2	(36.8)	151	59.2	(36.8)
011	57.3	(35.6)	058	70.9	(44.0)	105	59.2	(36.8)	152	59.3	(36.9)
012	57.5	(35.7)	059	70.7	(44.0)	106	59.2	(36.8)	153	59.5	(37.0)
013	57.7	(35.8)	060	70.5	(43.8)	107	59.2	(36.8)	154	59.6	(37.1)
014	57.8	(35.9)	061	70.3	(43.7)	108	59.3	(36.8)	155	59.7	(37.1)
015	58.0	(36.1)	062	70.1	(43.5)	109	59.4	(36.9)	156	59.8	(37.1)
016	58.2	(36.1)	063	69.8	(43.4)	110	59.5	(37.0)	157	59.7	(37.1)
017	58.2	(36.2)	064	69.5	(43.2)	111	59.6	(37.0)	158	59.7	(37.1)
018	58.3	(36.2)	065	69.2	(43.0)	112	59.6	(37.1)	159	59.5	(37.0)
019	58.4	(36.3)	066	68.8	(42.8)	113	59.7	(37.1)	160	59.2	(36.8)
020	58.6	(36.4)	067	68.5	(42.5)	114	59.8	(37.1)	161	58.7	(36.5)
021	58.7	(36.5)	068	68.1	(42.3)	115	59.8	(37.2)	162	58.1	(36.1)
022	59.0	(36.7)	069	67.7	(42.1)	116	59.9	(37.2)	163	57.5	(35.7)
023	59.4	(36.9)	070	67.3	(41.8)	117	60.0	(37.3)	164	56.9	(35.4)
024	59.9	(37.2)	071	66.8	(41.5)	118	60.0	(37.3)	165	56.4	(35.0)
025	60.5	(37.6)	072	66.4	(41.2)	119	60.1	(37.3)	166	56.1	(34.9)
026	61.0	(37.9)	073	65.9	(41.0)	120	60.1	(37.3)	167	55.9	(34.7)
027	61.5	(38.2)	074	65.4	(40.7)	121	60.2	(37.4)	168	55.6	(34.6)
028	61.9	(38.5)	075	65.0	(40.4)	122	60.2	(37.4)	169	55.2	(34.3)
029	62.3	(38.7)	076	64.6	(40.1)	123	60.1	(37.3)	170	54.7	(34.0)
030	62.6	(38.9)	077	64.3	(40.0)	124	59.9	(37.2)	171	54.3	(33.7)
031	62.8	(39.0)	078	64.1	(39.8)	125	59.8	(37.1)	172	53.8	(33.4)
032	63.1	(39.2)	079	63.8	(39.7)	126	59.7	(37.1)	173	53.2	(33.1)
033	63.4	(39.4)	080	63.6	(39.5)	127	59.7	(37.1)	174	52.7	(32.7)
034	63.6	(39.5)	081	63.4	(39.4)	128	59.8	(37.1)	175	52.4	(32.5)
035	63.8	(39.7)	082	63.1	(39.2)	129	59.7	(37.1)	176	52.1	(32.4)
036	64.0	(39.8)	083	62.8	(39.0)	130	59.5	(37.0)	177	51.8	(32.2)
037	64.2	(39.9)	084	62.5	(38.9)	131	59.1	(36.7)	178	51.5	(32.0)
038	64.3	(40.0)	085	62.3	(38.7)	132	58.7	(36.5)	179	51.2	(31.8)
039	64.5	(40.1)	086	62.0	(38.5)	133	58.3	(36.2)	180	50.9	(31.7)
040	64.7	(40.2)	087	61.7	(38.3)	134	58.1	(36.1)	181	50.8	(31.6)
041	64.9	(40.4)	088	61.4	(38.1)	135	57.9	(36.0)	182	50.8	(31.6)
042	65.2	(40.5)	089	61.1	(38.0)	136	57.8	(35.9)	183	50.8	(31.5)
043	65.5	(40.7)	090	60.8	(37.8)	137	57.8	(35.9)	184	50.5	(31.4)
044	65.8	(40.9)	091	60.5	(37.6)	138	57.6	(35.8)	185	50.3	(31.2)
045	66.2	(41.1)	092	60.3	(37.5)	139	57.4	(35.7)	186	49.9	(31.0)
046	66.5	(41.3)	093	60.0	(37.3)	140	57.3	(35.6)	187	49.6	(30.8)

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Distance to Contour:

Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)	Degs.	km	(miles)
188	49.4	(30.7)	235	50.6	(31.4)	282	30.0	(18.6)	329	53.6	(33.3)
189	49.5	(30.8)	236	50.8	(31.6)	283	30.3	(18.8)	330	53.9	(33.5)
190	49.7	(30.9)	237	50.6	(31.5)	284	30.6	(19.0)	331	54.0	(33.5)
191	49.6	(30.8)	238	50.1	(31.2)	285	30.9	(19.2)	332	54.1	(33.6)
192	49.5	(30.7)	239	49.4	(30.7)	286	31.4	(19.5)	333	54.2	(33.7)
193	49.4	(30.7)	240	48.5	(30.1)	287	31.9	(19.8)	334	54.4	(33.8)
194	49.4	(30.7)	241	47.6	(29.6)	288	32.6	(20.3)	335	54.7	(34.0)
195	49.4	(30.7)	242	46.7	(29.0)	289	33.3	(20.7)	336	55.1	(34.2)
196	49.5	(30.8)	243	46.0	(28.6)	290	33.9	(21.0)	337	55.4	(34.4)
197	49.8	(31.0)	244	45.4	(28.2)	291	34.1	(21.2)	338	55.9	(34.7)
198	50.2	(31.2)	245	44.9	(27.9)	292	34.0	(21.2)	339	56.5	(35.1)
199	50.8	(31.6)	246	44.3	(27.5)	293	34.3	(21.3)	340	57.2	(35.5)
200	51.3	(31.9)	247	43.6	(27.1)	294	35.0	(21.8)	341	57.7	(35.8)
201	51.7	(32.1)	248	42.8	(26.6)	295	36.3	(22.5)	342	58.0	(36.0)
202	51.7	(32.2)	249	42.1	(26.2)	296	37.8	(23.5)	343	58.3	(36.2)
203	51.6	(32.0)	250	41.5	(25.8)	297	39.2	(24.3)	344	58.4	(36.3)
204	51.4	(31.9)	251	40.9	(25.4)	298	40.7	(25.3)	345	58.5	(36.3)
205	51.4	(32.0)	252	40.0	(24.9)	299	42.1	(26.2)	346	58.6	(36.4)
206	51.8	(32.2)	253	39.1	(24.3)	300	43.3	(26.9)	347	58.8	(36.5)
207	52.3	(32.5)	254	38.1	(23.7)	301	44.3	(27.5)	348	58.9	(36.6)
208	52.7	(32.8)	255	37.5	(23.3)	302	45.1	(28.0)	349	59.0	(36.6)
209	53.1	(33.0)	256	37.2	(23.1)	303	45.7	(28.4)	350	59.0	(36.7)
210	53.3	(33.1)	257	36.9	(22.9)	304	46.3	(28.8)	351	59.0	(36.7)
211	53.4	(33.2)	258	37.1	(23.1)	305	46.8	(29.1)	352	58.9	(36.6)
212	53.4	(33.2)	259	37.3	(23.2)	306	47.4	(29.5)	353	58.7	(36.5)
213	53.3	(33.1)	260	37.1	(23.0)	307	48.1	(29.9)	354	58.4	(36.3)
214	53.1	(33.0)	261	36.7	(22.8)	308	48.7	(30.3)	355	57.9	(36.0)
215	52.9	(32.9)	262	35.9	(22.3)	309	49.2	(30.6)	356	57.5	(35.7)
216	52.8	(32.8)	263	34.8	(21.6)	310	49.7	(30.9)	357	57.3	(35.6)
217	52.8	(32.8)	264	34.3	(21.3)	311	50.0	(31.1)	358	57.3	(35.6)
218	52.7	(32.8)	265	33.8	(21.0)	312	50.3	(31.2)	359	57.4	(35.7)
219	52.6	(32.7)	266	32.8	(20.4)	313	50.4	(31.3)			
220	52.5	(32.6)	267	31.8	(19.7)	314	50.5	(31.4)			
221	52.2	(32.4)	268	30.7	(19.1)	315	50.5	(31.4)			
222	51.8	(32.2)	269	29.7	(18.5)	316	50.3	(31.3)			
223	51.4	(31.9)	270	28.7	(17.8)	317	50.1	(31.1)			
224	50.8	(31.6)	271	28.6	(17.7)	318	49.9	(31.0)			
225	50.3	(31.3)	272	28.6	(17.8)	319	49.7	(30.9)			
226	49.8	(30.9)	273	28.7	(17.8)	320	49.8	(30.9)			
227	49.4	(30.7)	274	28.5	(17.7)	321	50.0	(31.1)			
228	49.2	(30.6)	275	28.0	(17.4)	322	50.4	(31.3)			
229	49.0	(30.5)	276	27.7	(17.2)	323	50.9	(31.6)			
230	48.9	(30.4)	277	27.8	(17.3)	324	51.4	(32.0)			
231	49.0	(30.4)	278	28.0	(17.4)	325	51.9	(32.3)			
232	49.2	(30.6)	279	28.2	(17.5)	326	52.4	(32.5)			
233	49.6	(30.8)	280	28.8	(17.9)	327	52.7	(32.7)			
234	50.1	(31.2)	281	29.5	(18.3)	328	53.1	(33.0)			