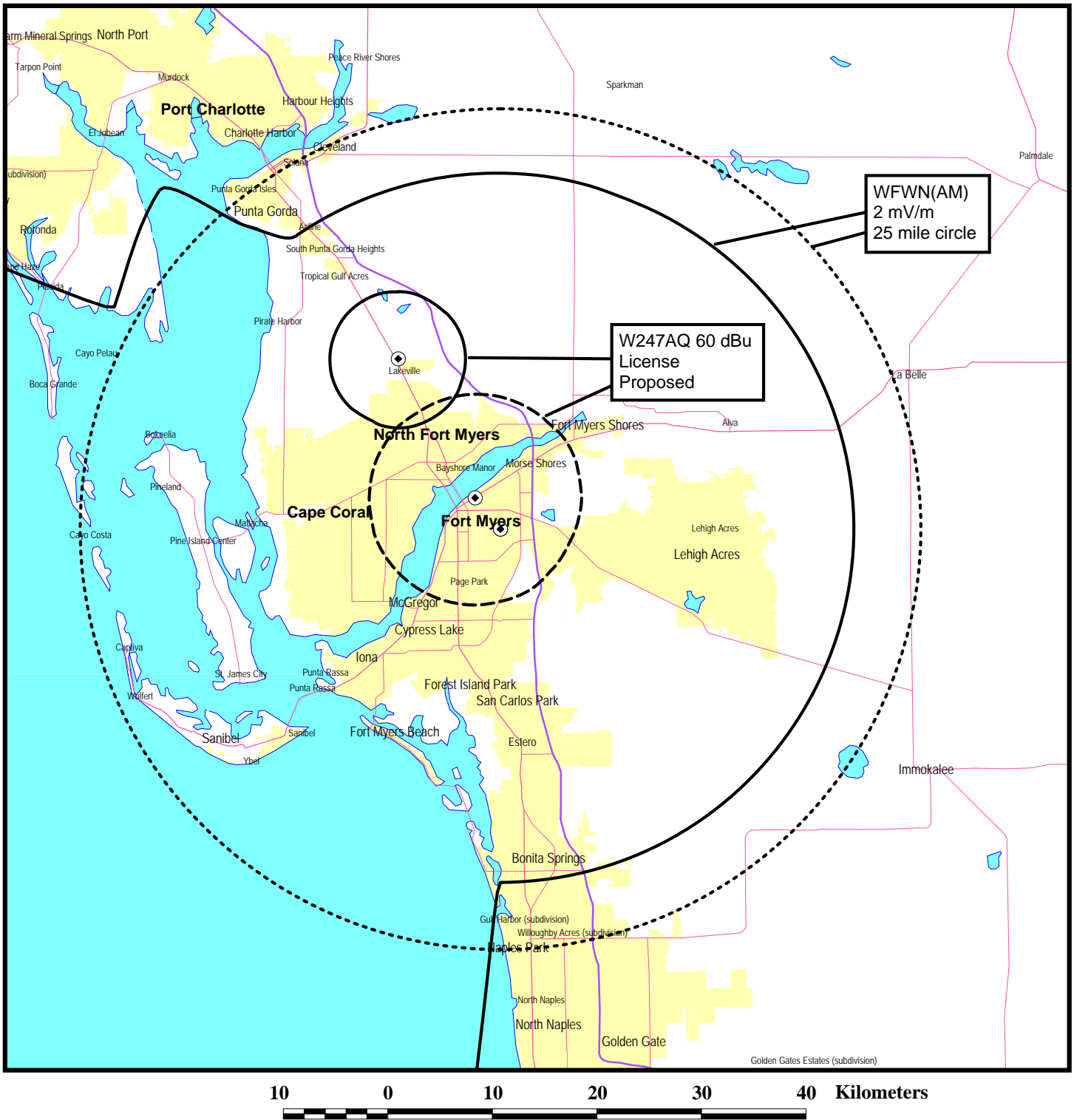


Figure 1



FCC PREDICTED CONTOURS/FILL-IN COMPLIANCE

FM TRANSLATOR STATION W247AQ
TROPICAL GULF ACRES, FLORIDA
CH 247D (97.3 MHZ) 0.25 KW (DA)

du Treil, Lundin & Rackley, Inc. Sarasota, Florida 34237

FM Contour Study

du Treil, Lundin, & Rackley, Inc., Sarasota, Florida



Channel: 247 **Coordinates:** 026-39-05 081-51-20 (NAD 27) **ERP:** 0.25 kW **Max. HAAT:** 61 m **Considering Only Interference Caused**

Comment: Proposed W247AQ

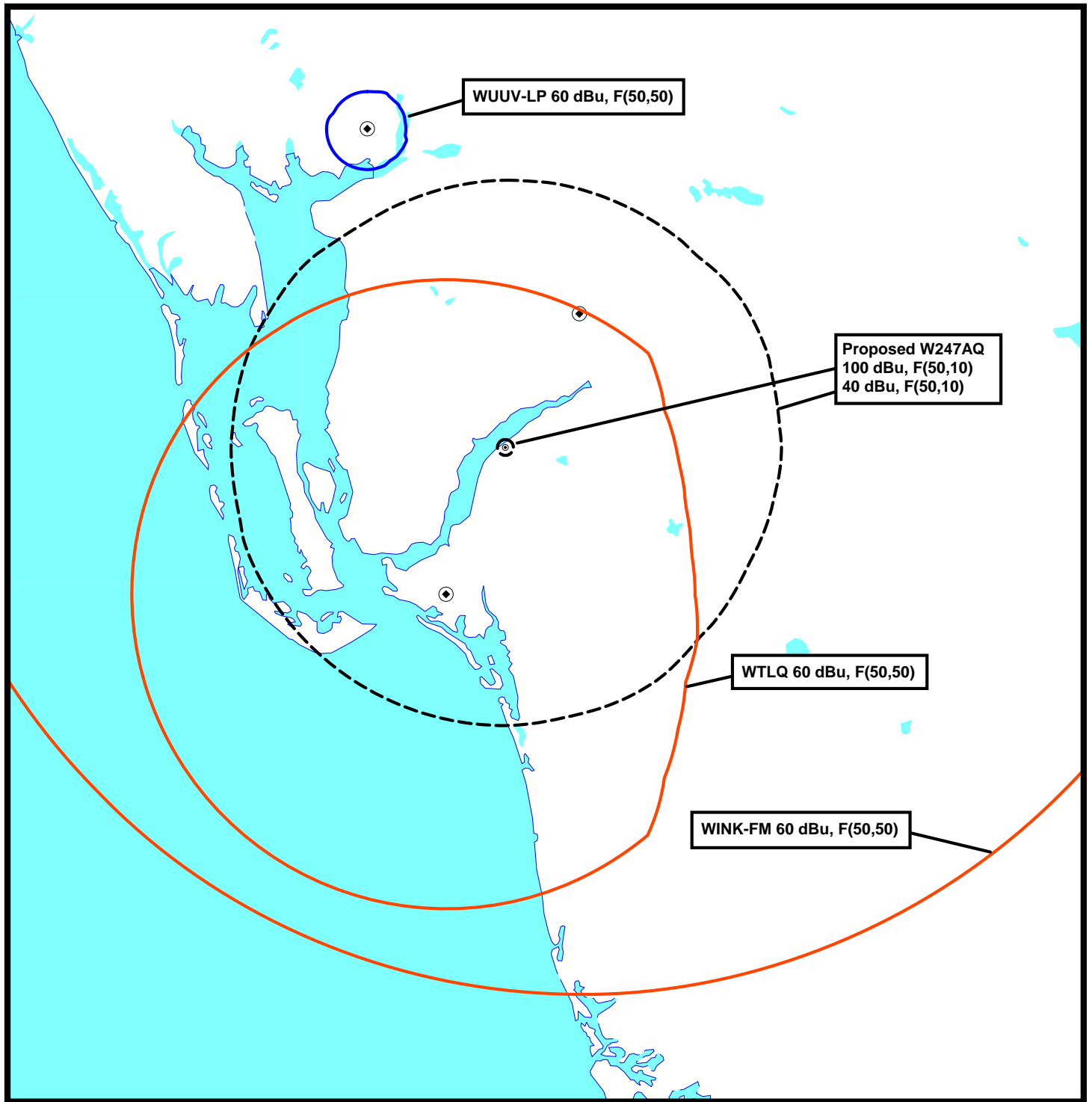
Callsign	Chan.	Service	Status	Freq.	City	State	Co.	Rec.	Latitude	Dist. (km)	Sep. (km)	Spac. (km)
Facility ID	ARN			Class	DA	73.215	ERP (kW)	HAAT (m)	Longitude	Bear. (deg)	Comment	
WINK-FM	245	FM	LIC	96.9	FORT MYERS	FL	US	C	26-48-01	18.88	85.28	-66.4
22094	BLH	20060727AAL	C	N	N		100	457	081-45-48	28.93	SHORT	Note 1
WINK-FM 60.0 dBu desired distance: 84.3 km						Proposed 100.0 dBu undesired distance: 1.0 km						
W247AQ	247	FX	LIC	97.3	TROPICAL GULF ACRES	FL	US	C	26-46-15	15.14	41.01	-25.87
139101	BLFT	20070322ACO	D	N	N		0.025	76.7	081-55-46	331.09	SHORT	Note 2
W247AQ 60.0 dBu desired distance: 6.5 km						Proposed 40.0 dBu undesired distance: 34.5 km						
WUUV-LP	247	FL	CP	97.3	PORT CHARLOTTE	FL	US	C	27-00-23	42.89	39.2	3.69
192791	BNPL	20131113BIH	L1	N	N		0.041	33.650494	082-01-39	336.66	CLOSE	Note 3
WUUV-LP 60.0 dBu desired distance: 4.7 km						Proposed 40.0 dBu undesired distance: 34.5 km						
WTLQ-FM	249	FM	LIC	97.7	PUNTA RASSA	FL	US	C	26-29-16	19.56	39.95	-20.39
28901	BLH	20000120ABH	C3	D	Y		14.5	131	081-55-46	202.01	SHORT	Note 1
WTLQ-FM 60.0 dBu desired distance: 39.0 km						Proposed 100.0 dBu undesired distance: 1.0 km						

Note 1: There will be contour overlap normally prohibited by Section 74.1204. However, based on the undesired-to-desired (U/D) signal strength ratio method (per Living Way Ministries, Inc., 17 FCC Rcd 17054, 17056, 2002) it has been determined that no actual interference would occur due to lack of population under Section 74.1204(d). See Exhibit 17 and Figure 4.

Note 2: Licensed W247AQ operation.

Note 3: Proposal complies with the contour overlap provisions of Section 74.1204(a). See Exhibit 17 and Figure 3.

Figure 3



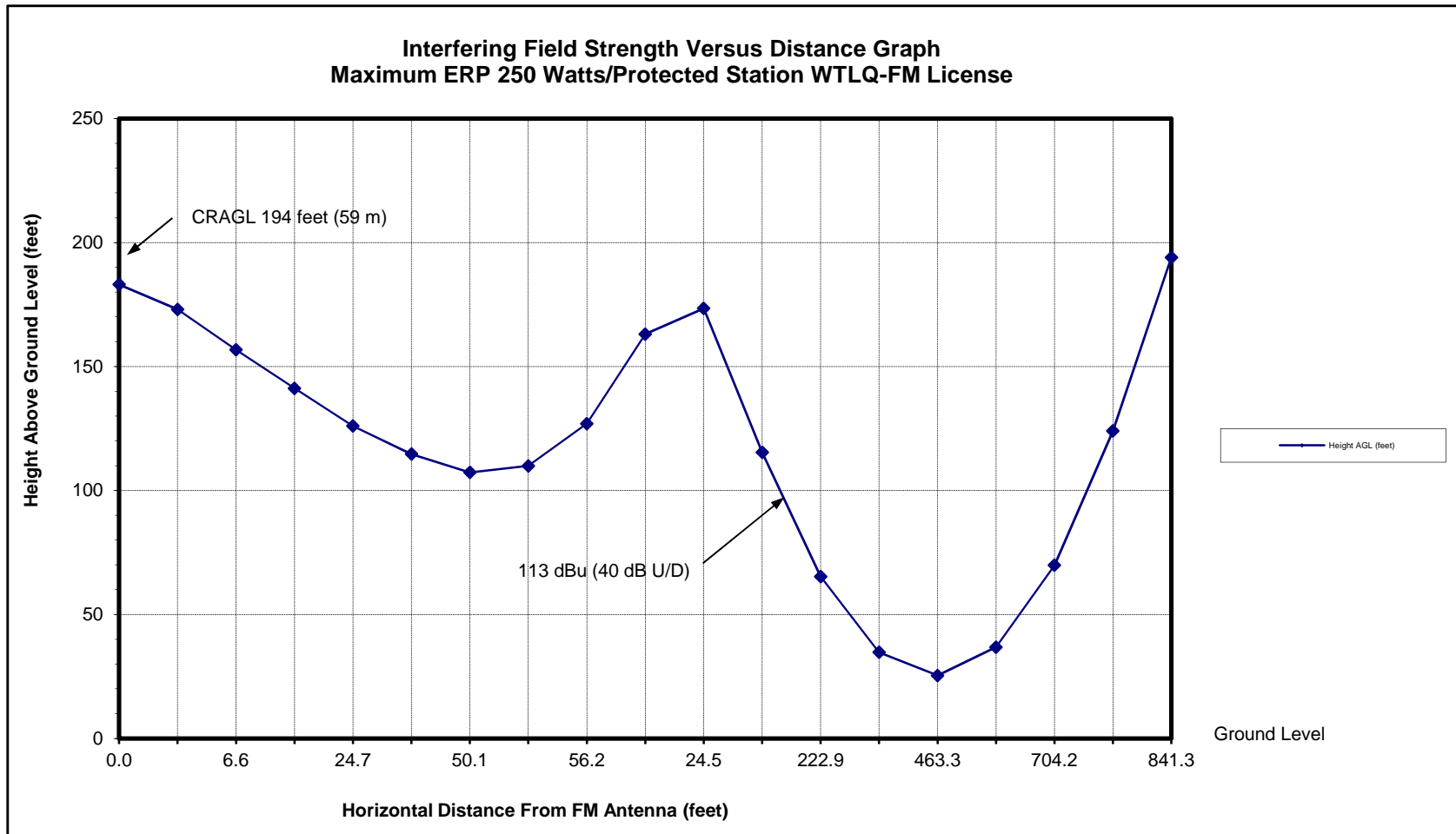
25 0 25 50 Kilometers

COMPLIANCE WITH SECTION 74.1204

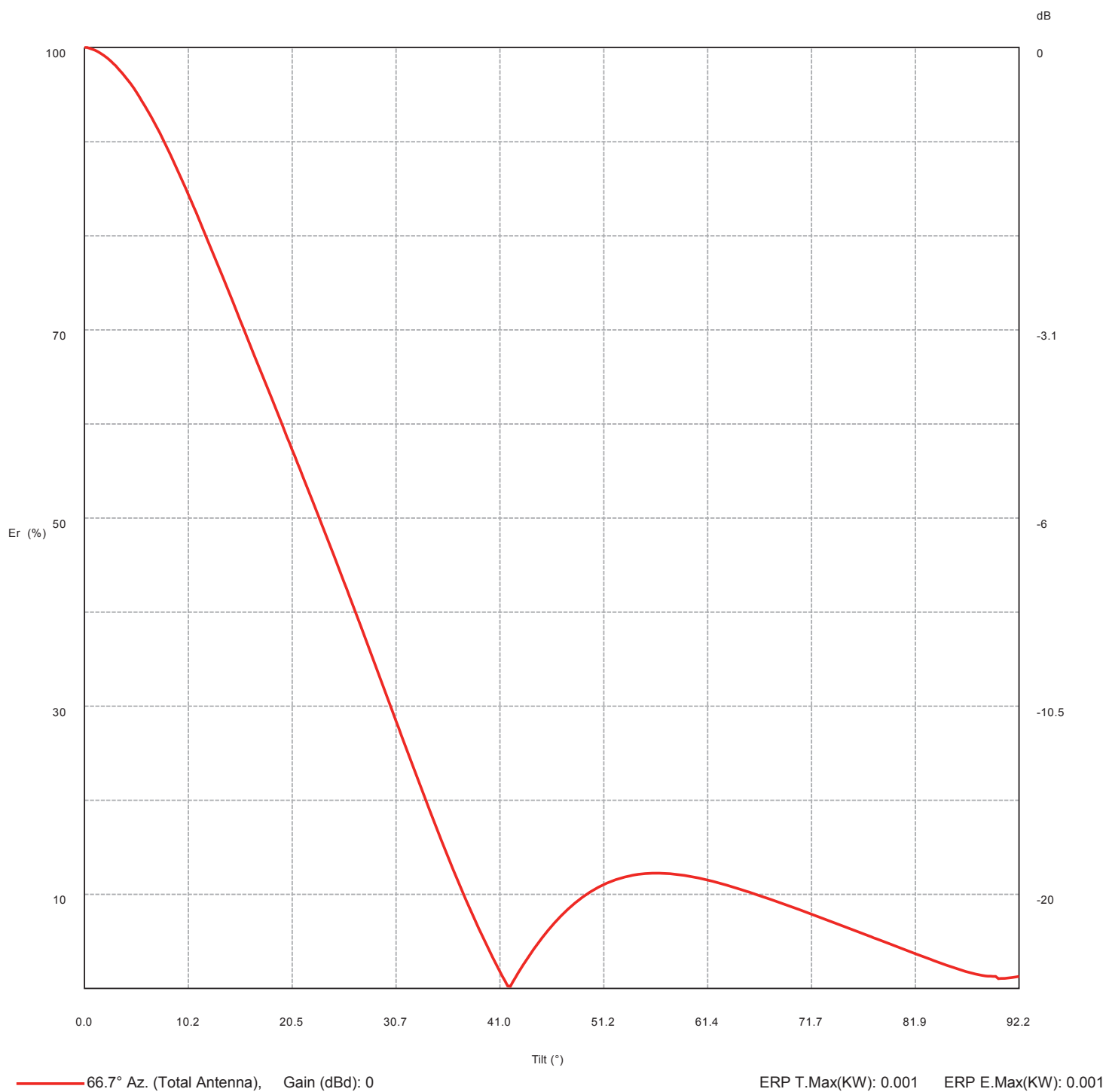
FM TRANSLATOR STATION W247AQ
TROPICAL GULF ACRES, FLORIDA
CH 247D (97.3 MHz) 0.25 KW (DA)

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

Figure 4



Vertical diagram at an azimuth of 66.7°



Vertical diagram at an azimuth of 66.7°

Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)
0.0	100.1	1.0	15.4	71.0	0.5	30.7	28.4	0.1
0.3	100.0	1.0	15.6	70.3	0.5	31.0	27.7	0.1
0.5	99.9	1.0	15.9	69.6	0.5	31.2	26.9	0.1
0.8	99.8	1.0	16.1	68.9	0.5	31.5	26.2	0.1
1.0	99.7	1.0	16.4	68.2	0.5	31.7	25.4	0.1
1.3	99.6	1.0	16.6	67.5	0.5	32.0	24.7	0.1
1.5	99.4	1.0	16.9	66.8	0.4	32.3	24.0	0.1
1.8	99.2	1.0	17.2	66.2	0.4	32.5	23.2	0.1
2.0	99.1	1.0	17.4	65.5	0.4	32.8	22.5	0.1
2.3	98.8	1.0	17.7	64.8	0.4	33.0	21.8	0.0
2.6	98.6	1.0	17.9	64.1	0.4	33.3	21.0	0.0
2.8	98.3	1.0	18.2	63.5	0.4	33.5	20.3	0.0
3.1	98.1	1.0	18.4	62.8	0.4	33.8	19.6	0.0
3.3	97.8	1.0	18.7	62.1	0.4	34.0	18.9	0.0
3.6	97.4	0.9	18.9	61.4	0.4	34.3	18.2	0.0
3.8	97.1	0.9	19.2	60.7	0.4	34.6	17.5	0.0
4.1	96.8	0.9	19.5	60.0	0.4	34.8	16.8	0.0
4.4	96.4	0.9	19.7	59.3	0.4	35.1	16.1	0.0
4.6	96.1	0.9	20.0	58.6	0.3	35.3	15.4	0.0
4.9	95.7	0.9	20.2	57.9	0.3	35.6	14.7	0.0
5.1	95.3	0.9	20.5	57.2	0.3	35.8	14.0	0.0
5.4	94.8	0.9	20.7	56.5	0.3	36.1	13.3	0.0
5.6	94.3	0.9	21.0	55.9	0.3	36.4	12.6	0.0
5.9	93.9	0.9	21.2	55.2	0.3	36.6	12.0	0.0
6.1	93.4	0.9	21.5	54.5	0.3	36.9	11.3	0.0
6.4	92.9	0.9	21.8	53.8	0.3	37.1	10.6	0.0
6.7	92.5	0.9	22.0	53.1	0.3	37.4	10.0	0.0
6.9	92.0	0.8	22.3	52.4	0.3	37.6	9.4	0.0
7.2	91.5	0.8	22.5	51.7	0.3	37.9	8.7	0.0
7.4	90.9	0.8	22.8	51.0	0.3	38.1	8.1	0.0
7.7	90.4	0.8	23.0	50.3	0.3	38.4	7.5	0.0
7.9	89.8	0.8	23.3	49.6	0.2	38.7	6.9	0.0
8.2	89.2	0.8	23.6	48.9	0.2	38.9	6.3	0.0
8.4	88.6	0.8	23.8	48.2	0.2	39.2	5.7	0.0
8.7	88.0	0.8	24.1	47.5	0.2	39.4	5.1	0.0
9.0	87.4	0.8	24.3	46.7	0.2	39.7	4.5	0.0
9.2	86.8	0.8	24.6	46.0	0.2	39.9	4.0	0.0
9.5	86.2	0.7	24.8	45.3	0.2	40.2	3.4	0.0
9.7	85.6	0.7	25.1	44.6	0.2	40.4	2.9	0.0
10.0	85.0	0.7	25.3	43.9	0.2	40.7	2.3	0.0
10.2	84.4	0.7	25.6	43.1	0.2	41.0	1.8	0.0
10.5	83.7	0.7	25.9	42.4	0.2	41.2	1.3	0.0
10.8	83.1	0.7	26.1	41.7	0.2	41.5	0.8	0.0
11.0	82.4	0.7	26.4	41.0	0.2	41.7	0.3	0.0
11.3	81.8	0.7	26.6	40.3	0.2	42.0	0.2	0.0
11.5	81.1	0.7	26.9	39.5	0.2	42.2	0.7	0.0
11.8	80.5	0.6	27.1	38.8	0.2	42.5	1.2	0.0
12.0	79.8	0.6	27.4	38.1	0.1	42.8	1.6	0.0
12.3	79.1	0.6	27.6	37.3	0.1	43.0	2.1	0.0
12.5	78.5	0.6	27.9	36.6	0.1	43.3	2.5	0.0
12.8	77.8	0.6	28.2	35.8	0.1	43.5	2.9	0.0
13.1	77.1	0.6	28.4	35.1	0.1	43.8	3.4	0.0
13.3	76.4	0.6	28.7	34.4	0.1	44.0	3.8	0.0
13.6	75.8	0.6	28.9	33.6	0.1	44.3	4.2	0.0
13.8	75.1	0.6	29.2	32.9	0.1	44.5	4.6	0.0
14.1	74.4	0.6	29.4	32.1	0.1	44.8	4.9	0.0
14.3	73.7	0.5	29.7	31.4	0.1	45.1	5.3	0.0
14.6	73.1	0.5	30.0	30.6	0.1	45.3	5.6	0.0
14.8	72.4	0.5	30.2	29.9	0.1	45.6	6.0	0.0
15.1	71.7	0.5	30.5	29.1	0.1	45.8	6.3	0.0

Vertical diagram at an azimuth of 66.7°

Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)
46.1	6.6	0.0	61.4	11.5	0.0	76.8	5.8	0.0
46.3	7.0	0.0	61.7	11.4	0.0	77.1	5.7	0.0
46.6	7.3	0.0	62.0	11.4	0.0	77.3	5.6	0.0
46.8	7.5	0.0	62.2	11.3	0.0	77.6	5.5	0.0
47.1	7.8	0.0	62.5	11.2	0.0	77.8	5.4	0.0
47.4	8.1	0.0	62.7	11.2	0.0	78.1	5.3	0.0
47.6	8.4	0.0	63.0	11.1	0.0	78.3	5.2	0.0
47.9	8.6	0.0	63.2	11.0	0.0	78.6	5.1	0.0
48.1	8.9	0.0	63.5	10.9	0.0	78.8	5.0	0.0
48.4	9.1	0.0	63.7	10.8	0.0	79.1	4.9	0.0
48.6	9.3	0.0	64.0	10.8	0.0	79.4	4.7	0.0
48.9	9.5	0.0	64.3	10.7	0.0	79.6	4.6	0.0
49.2	9.7	0.0	64.5	10.6	0.0	79.9	4.5	0.0
49.4	9.9	0.0	64.8	10.5	0.0	80.1	4.4	0.0
49.7	10.1	0.0	65.0	10.4	0.0	80.4	4.3	0.0
49.9	10.3	0.0	65.3	10.3	0.0	80.6	4.2	0.0
50.2	10.5	0.0	65.5	10.2	0.0	80.9	4.1	0.0
50.4	10.6	0.0	65.8	10.1	0.0	81.2	4.0	0.0
50.7	10.8	0.0	66.0	10.0	0.0	81.4	3.9	0.0
50.9	10.9	0.0	66.3	10.0	0.0	81.7	3.8	0.0
51.2	11.0	0.0	66.6	9.9	0.0	81.9	3.7	0.0
51.5	11.2	0.0	66.8	9.8	0.0	82.2	3.6	0.0
51.7	11.3	0.0	67.1	9.7	0.0	82.4	3.5	0.0
52.0	11.4	0.0	67.3	9.6	0.0	82.7	3.4	0.0
52.2	11.5	0.0	67.6	9.5	0.0	82.9	3.3	0.0
52.5	11.6	0.0	67.8	9.4	0.0	83.2	3.2	0.0
52.7	11.7	0.0	68.1	9.3	0.0	83.5	3.1	0.0
53.0	11.8	0.0	68.4	9.2	0.0	83.7	3.0	0.0
53.2	11.8	0.0	68.6	9.1	0.0	84.0	2.9	0.0
53.5	11.9	0.0	68.9	9.0	0.0	84.2	2.8	0.0
53.8	12.0	0.0	69.1	8.9	0.0	84.5	2.7	0.0
54.0	12.0	0.0	69.4	8.8	0.0	84.7	2.6	0.0
54.3	12.1	0.0	69.6	8.7	0.0	85.0	2.5	0.0
54.5	12.1	0.0	69.9	8.6	0.0	85.2	2.4	0.0
54.8	12.1	0.0	70.1	8.5	0.0	85.5	2.3	0.0
55.0	12.2	0.0	70.4	8.4	0.0	85.8	2.2	0.0
55.3	12.2	0.0	70.7	8.3	0.0	86.0	2.1	0.0
55.6	12.2	0.0	70.9	8.2	0.0	86.3	2.0	0.0
55.8	12.2	0.0	71.2	8.1	0.0	86.5	1.9	0.0
56.1	12.2	0.0	71.4	8.0	0.0	86.8	1.8	0.0
56.3	12.3	0.0	71.7	7.9	0.0	87.0	1.7	0.0
56.6	12.3	0.0	71.9	7.8	0.0	87.3	1.7	0.0
56.8	12.2	0.0	72.2	7.7	0.0	87.6	1.6	0.0
57.1	12.2	0.0	72.4	7.6	0.0	87.8	1.5	0.0
57.3	12.2	0.0	72.7	7.5	0.0	88.1	1.5	0.0
57.6	12.2	0.0	73.0	7.4	0.0	88.3	1.4	0.0
57.9	12.2	0.0	73.2	7.3	0.0	88.6	1.4	0.0
58.1	12.1	0.0	73.5	7.2	0.0	88.8	1.3	0.0
58.4	12.1	0.0	73.7	7.1	0.0	89.1	1.3	0.0
58.6	12.1	0.0	74.0	7.0	0.0	89.3	1.3	0.0
58.9	12.1	0.0	74.2	6.9	0.0	89.6	1.3	0.0
59.1	12.0	0.0	74.5	6.7	0.0	89.9	1.3	0.0
59.4	12.0	0.0	74.8	6.6	0.0	90.1	1.0	0.0
59.6	11.9	0.0	75.0	6.5	0.0	90.4	1.0	0.0
59.9	11.9	0.0	75.3	6.4	0.0	90.6	1.1	0.0
60.2	11.8	0.0	75.5	6.3	0.0	90.9	1.1	0.0
60.4	11.8	0.0	75.8	6.2	0.0	91.1	1.1	0.0
60.7	11.7	0.0	76.0	6.1	0.0	91.4	1.1	0.0
60.9	11.6	0.0	76.3	6.0	0.0	91.6	1.2	0.0
61.2	11.6	0.0	76.5	5.9	0.0	91.9	1.2	0.0