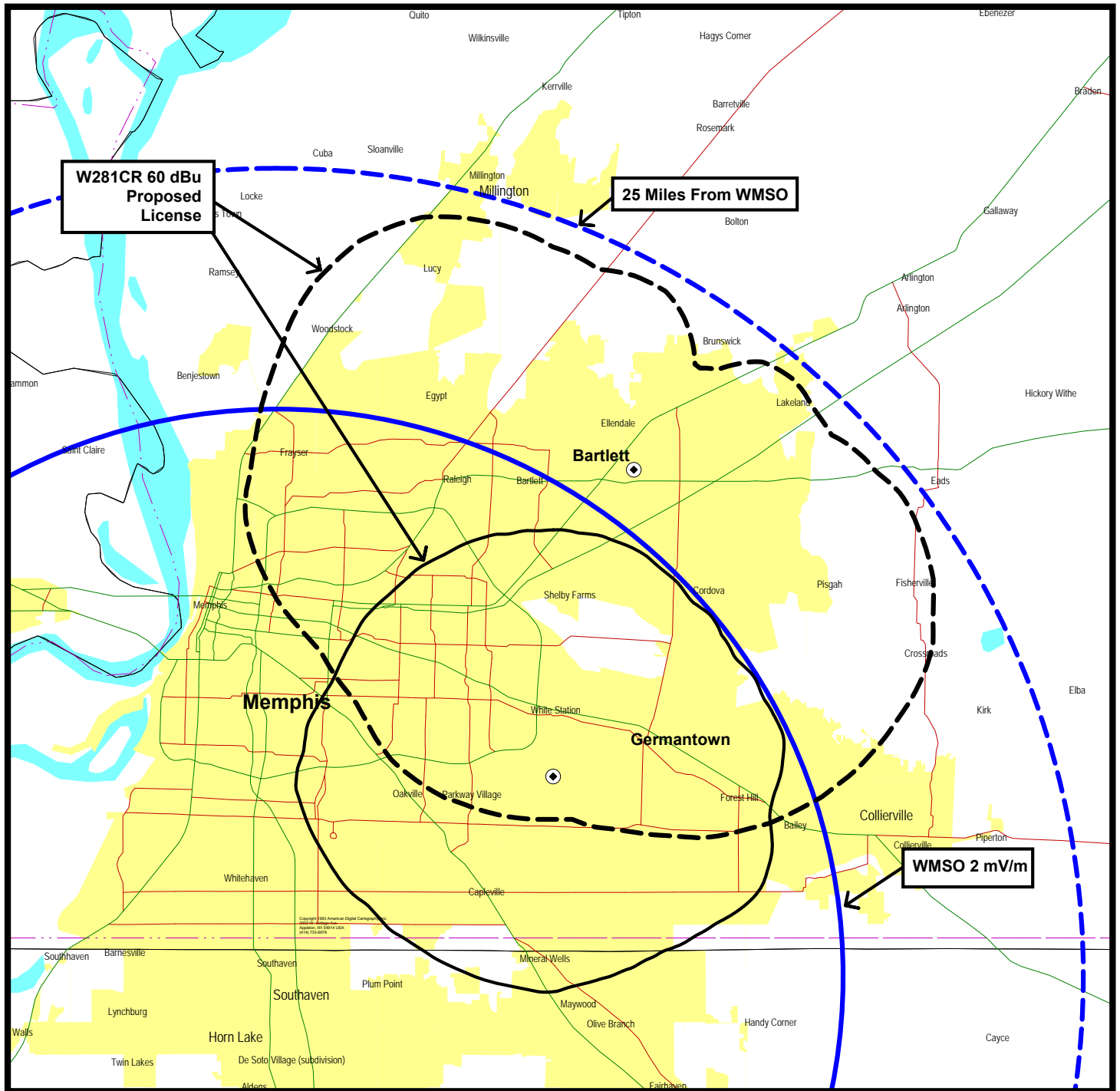


Figure 1



5 0 5 10 15 Kilometers

AM FILL-IN COMPLIANCE MAP

FM TRANSLATOR STATION W281CR
MEMPHIS TENNESSEE
CH 281 (104.1 MHz) 0.250 KW (DA)

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

FM Contour Study

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



Channel: 281 **Coordinates:** 035-12-34 089-49-01 (NAD 27) **ERP:** 0.25 kW **Max. HAAT:** 225 m **Considering Only Interference Caused**

Comment:

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	
W227DQ	227	FX	CP	93.3	LAKELAND	TN	US	C	35-18-52	15.08	29	-13.92
201654	BNPFT	20171219ACQ	D	N	N		0.14		089-55-20	320.72	SHORT	/1
K227DM	227	FX	CP	93.3	WEST MEMPHIS	AR	US	C	34-56-57.4	28.94	29	-0.06
202684	BNPFT	20180425AAR	D	N	N		0.25		089-50-25.6	184.23	SHORT	/1
WMDA-LP	228	FL	LIC	93.5	MEMPHIS	TN	US	C	35-03-13.5	24.22	6	18.22
195039	BLL	20170118ABL	L1	N	N		0.1	20.186502	090-00-11.8	224.44	CLEAR	
WRBO	278	FM	LIC	103.5	COMO	MS	US	C	34-51-44	38.93	65.08	-26.15
7075	BLH	19980617KC	C1	N	N		100	179	089-52-42	188.25	SHORT	/2
WRBO 60.0 dBu desired distance: 64.0 km						Proposed 100.0 dBu undesired distance: 1.1 km						
KCJF	280	FM	LIC	103.9	EARLE	AR	US	C	35-27-01	84.88	70.66	14.22
78214	BLH	20040423AAR	C3	N	N		12.5	143	090-42-11	288.68	CLOSE	
KCJF 60.0 dBu desired distance: 41.5 km						Proposed 54.0 dBu undesired distance: 29.1 km						
W281BR	281	FX	LIC	104.1	MEMPHIS	TN	US	C	35-04-20	15.75	73.54	-57.79
89003	BLFT	20160706ABI	D	C	N		0.25		089-51-40	194.76	SHORT	/3
W281BR 60.0 dBu desired distance: 12.8 km						Proposed 40.0 dBu undesired distance: 60.7 km						
WOGY	281	FM	LIC	104.1	JACKSON	TN	US	C	35-38-49	101.66	127.56	-25.9
14743	BLH	20070815AAD	C1	N	N		100	208	088-50-00	61.09	SHORT	/4
WOGY 60.0 dBu desired distance: 66.8 km						Proposed 40.0 dBu undesired distance: 60.7 km						
WRVR	283	FM	LIC	104.5	MEMPHIS	TN	US	C	35-09-16	6.12	69.42	-63.3
34375	BLH	20000706ADN	C1	N	N		100	229	089-49-20	184.49	SHORT	/2
WRVR 60.0 dBu desired distance: 68.3 km						Proposed 100.0 dBu undesired distance: 1.1 km						

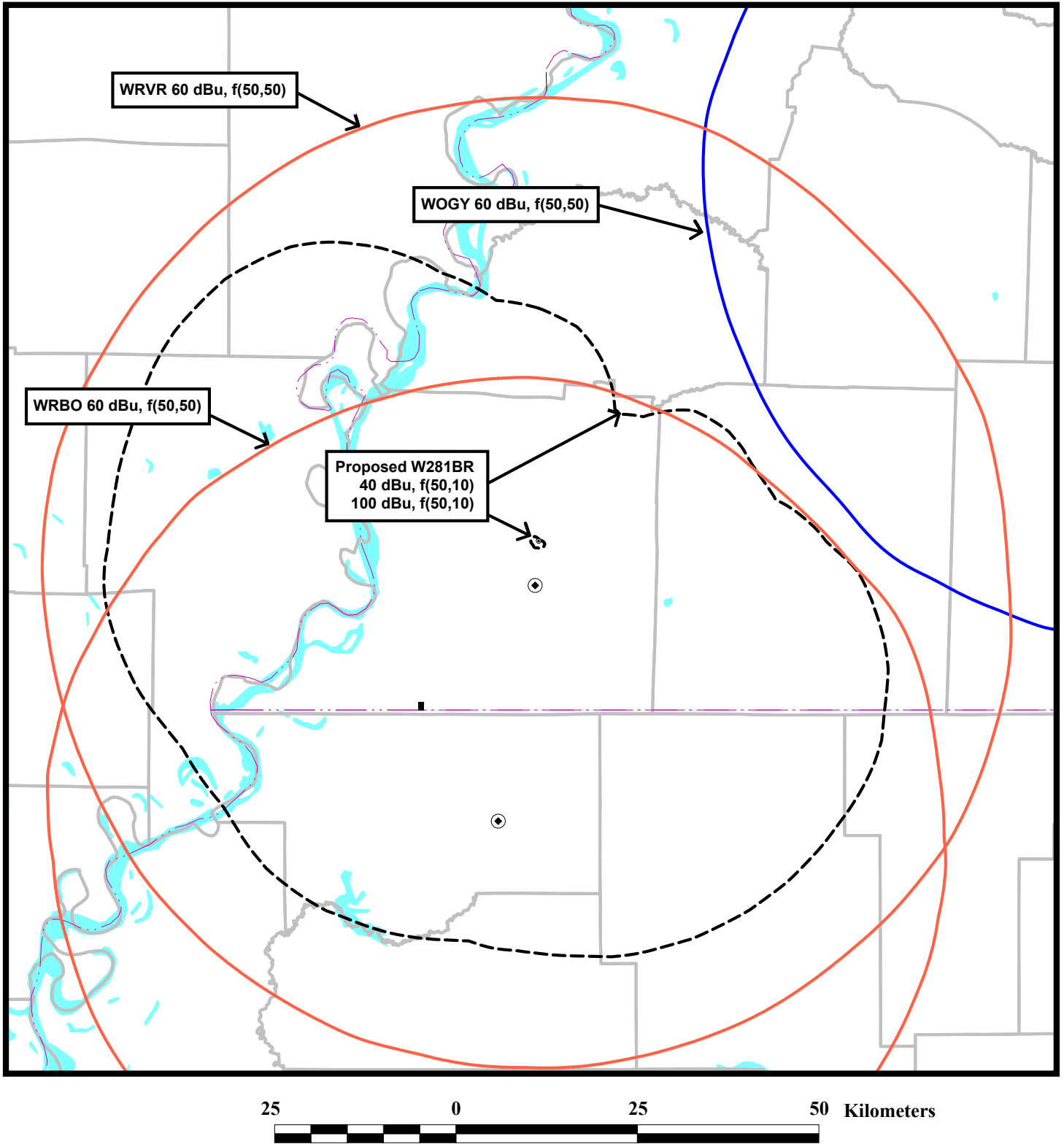
/1 Not an allocation issue.

/2 There will be contour overlap normally prohibited by Section 74.1204(a). However, based on the undesired-to-desired (U/D) signal strength ration methodology, it has been determined that no actual interference will occur due to lack of population under Section 74.1204(d). See Exhibit 17 and Figure 4.

/3 Current W281BR authorization.

/4 Proposal complies with the contour overlap provisions of Section 74.1204(a).

Figure 3



COMPLIANCE WITH SECTION 74.1204

FM TRANSLATOR STATION W281CR

MEMPHIS TENNESSEE

CH 281 (104.1 MHZ) 0.250 KW (DA)

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

Figure 4

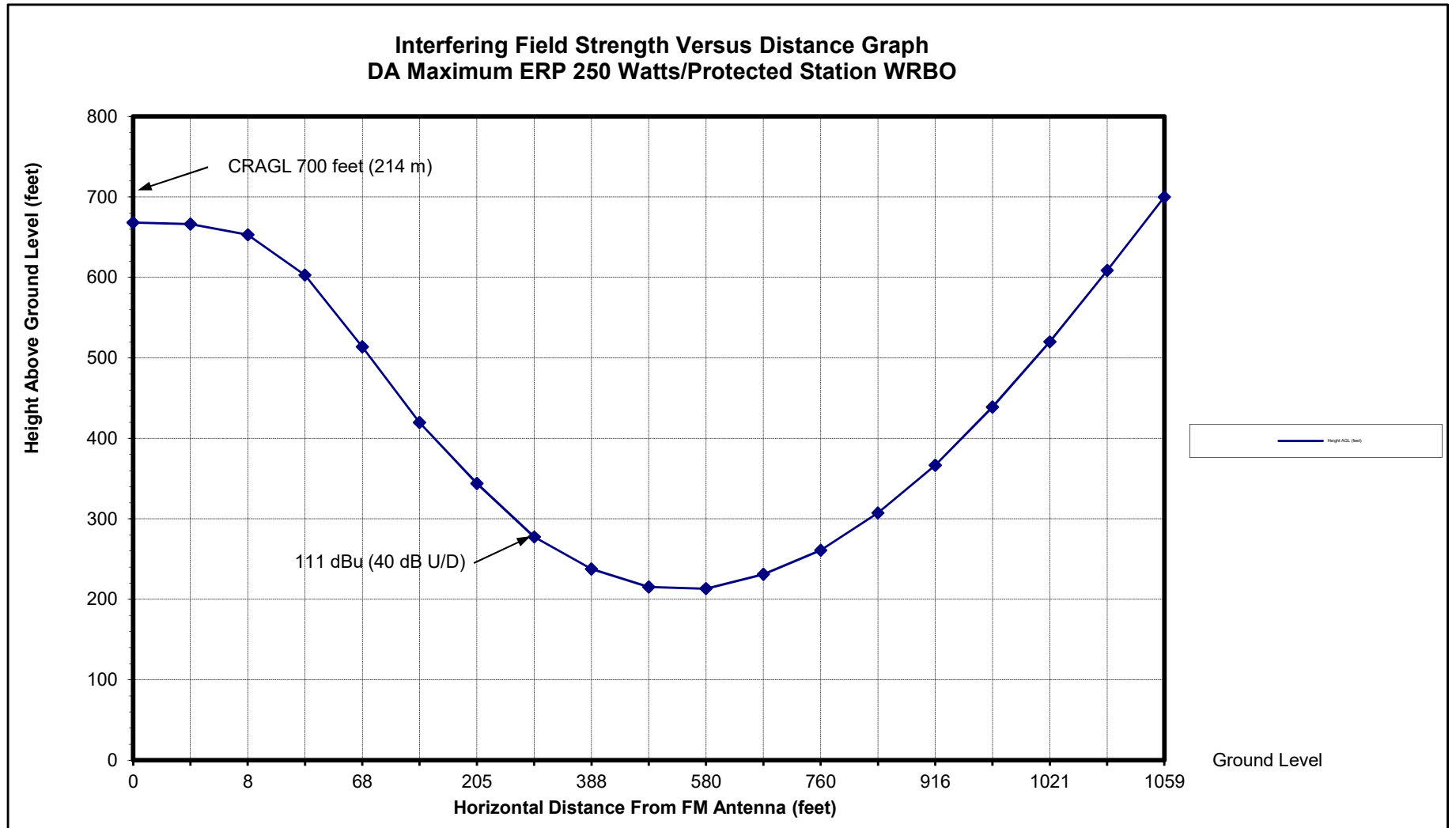
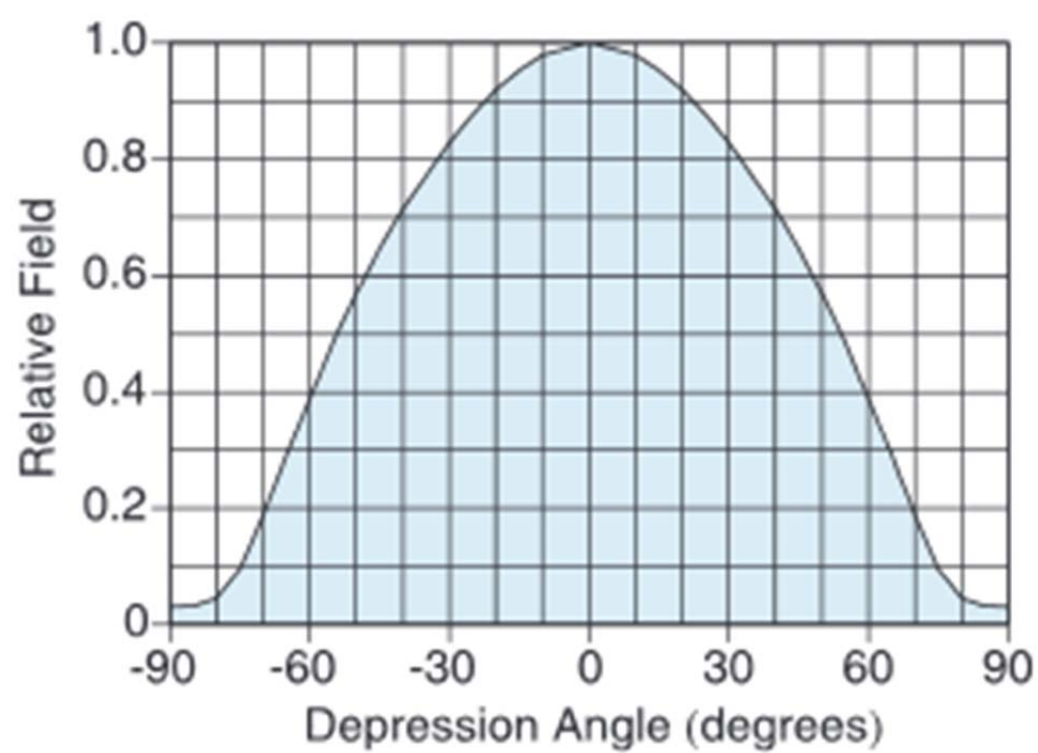


Figure 5



Elevation pattern