

Response to Certification Checklist Question 1c

Prepared by Guy Smith in connection with the minor modification application of KJTV-DT

KJTV-DT is currently authorized to operate at a power level of 323 kW on a leased tower which will not be constructed. Ramar Communications II, Ltd, now proposes to build a new tower at the site of KJTV-TV. The height of the new tower will be limited to approximately 600 meters by FAA constraints. Therefore, Ramar now proposes to operate at 1000 kW ERP from an antenna height of 304 meters.

This proposal is not predicted to cause any interference to any proposed or authorized broadcast facility as is demonstrated in the Longley-Rice analysis on page two of this document.

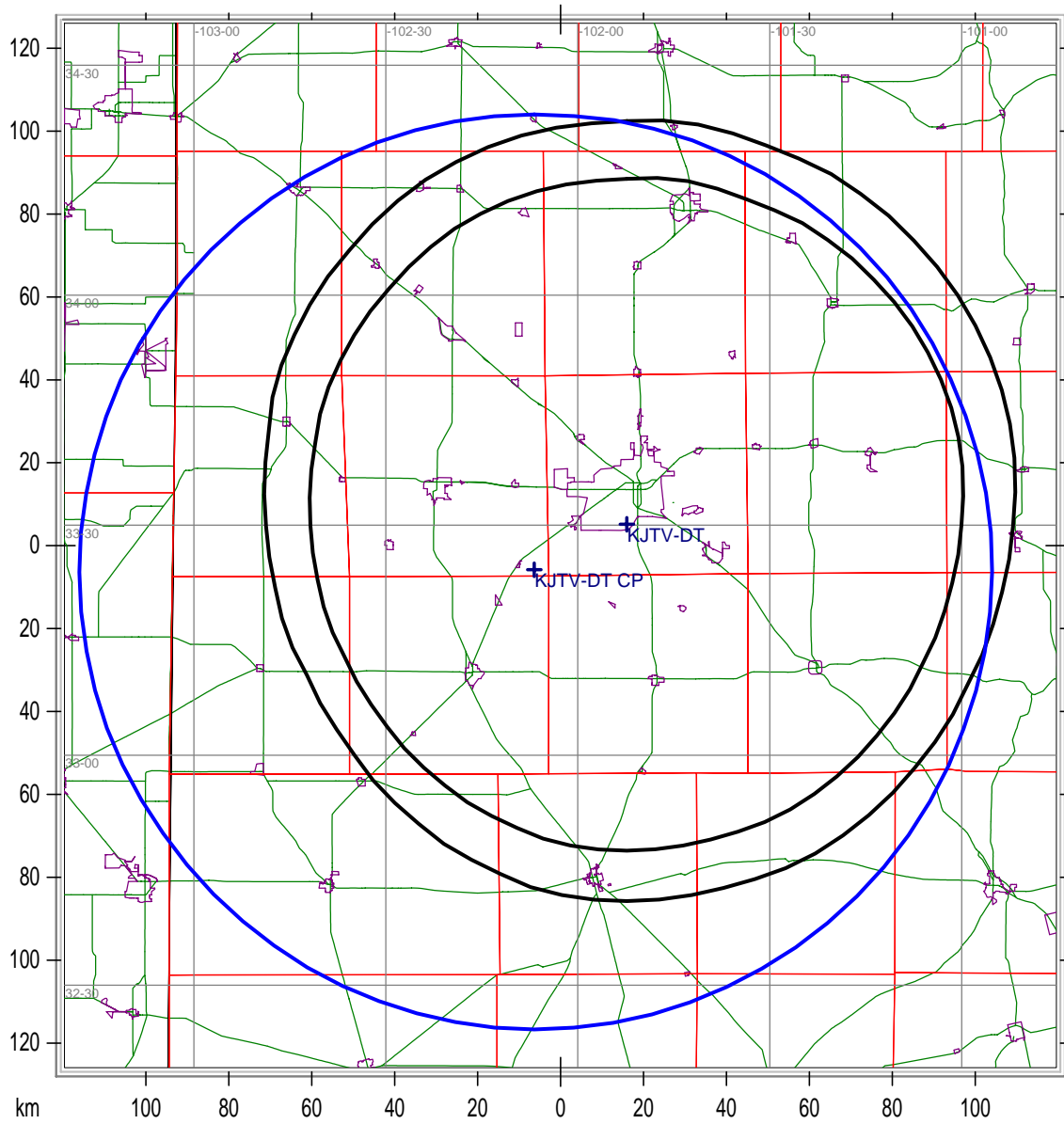
The 41 and 48 dBu contour of the proposed operation as well as the 41 dBu contour of the currently authorized operation are shown on page 3.

Longley-Rice analysis of proposed KJTV-DT Operation

Summary of Channel: 35 Lat: 33-30-08 N Lon: 101-52-20 W ERP: 1000 kW ComStudy 2.2 RadioSoft

Callsign	Fac ID	ARN	City	Class	Type	ERP	Sep Ty	Status	Bearir	Dist	Prot	Clearanc	D/U	Rx Gd	Rx F/E	Zone	Band	Ch#	Adj	Matrix	Svc Contou	Svc dBu	Int Contour	Int dBu	Old Pop%	New Pop	Total Pop	Old Pop	New Pop	Ovl Pop	Ovl Pop%
KAMC	40820	BLCT1848	LUBBOCK	NTSC	LIC	2000	D/M	Clean	55.7	2.7	97	-94.3	-34	0	6	2	UHF	28 Z	T-7	LR	F(50,50)	64	-	-	0.00%	0.00%	299639	299639	299639	0	0
KIDB-CA	53545	BPPTA20040519AA	SWEET	A	CP	8.8	C/M	Clean	128	190.3	-	-27.5	34	0	6	0	UHF	35 -	Co	LR	F(50,50)	74	F(50,10)	40	0.00%	0.00%	14654	14654	14654	0	0
K35EK	53545	BLTT19970609JA	SWEET	A	LIC	7.03	C/M	Clean	128	190.3	-	-25.8	34	0	6	0	UHF	35 -	Co	LR	F(50,50)	74	F(50,10)	40	0.00%	0.00%	14033	14033	14033	0	0
KJTV	55031	BPCT20000511ABE	LUBBOCK	NTSC	APP	5000	D/M	Callsign	195	18.9	106	0	-12	0	6	2	UHF	34 -	A-1	LR	F(50,50)	64	-	-	N/C	N/C	N/C	N/C	N/C	N/C	N/C
KJTV*	55031	DTV ALLOTMENT	LUBBOCK	DTV	LIC	121	D/M	Callsign	90	0	224	0	15	10	14	2	UHF	35	Co	LR	F(50,90)	41	-	-	N/C	N/C	N/C	N/C	N/C	N/C	N/C
KJTV*	55031	DTV ALLOTMENT	LUBBOCK	DTV	LIC	121	D/M	Callsign	90	0	224	0	15	10	14	2	UHF	35	Co	LR	F(50,90)	41	-	-	N/C	N/C	N/C	N/C	N/C	N/C	N/C
KJTV-CA	55033	BLTTA20020129AB	LUBBOCK	A	LIC	14.6	C/M	Callsign	90	0	-	0	-30	0	6	0	UHF	32 Z	T-3	LR	F(50,50)	74	F(50,10)	104	N/C	N/C	N/C	N/C	N/C	N/C	N/C
KJTV-DT	55031	BDSTA20030805AR	LUBBOCK	D-ST	LIC	0.91	D/M	Callsign	90	0	197	0	15	10	14	0	UHF	35	Co	LR	F(50,90)	41	-	-	N/C	N/C	N/C	N/C	N/C	N/C	N/C
KJTV	55031	BLCT19820121KG	LUBBOCK	NTSC	LIC	3720	D/M	Callsign	90	0	106	0	-12	0	6	2	UHF	34 -	A-1	LR	F(50,50)	64	-	-	N/C	N/C	N/C	N/C	N/C	N/C	N/C
KJTV-DT	55031	BPCDT19991020AB	LUBBOCK	DTV	CP	323	D/M	Callsign	244	24.9	224	0	15	10	14	2	UHF	35	Co	LR	F(50,90)	41	-	-	N/C	N/C	N/C	N/C	N/C	N/C	N/C
KJTV-DT	55031	BMDSTA20040701A	LUBBOCK	D-ST	LIC	58	D/M	Callsign	90	0	197	0	15	10	14	0	UHF	35	Co	LR	F(50,90)	41	-	-	N/C	N/C	N/C	N/C	N/C	N/C	N/C
KOCV-TV	50044	BLET19860401KG	ODESSA	NTSC	LIC	513	D/M	N/C	195	188	106	82	-17	0	6	2	UHF	36 +	A+1	LR	F(50,50)	64	-	-	N/C	N/C	N/C	N/C	N/C	N/C	N/C
970331LH	86532	BPCT19970331LH	WOODSTOCK	NTSC	CP	320	D/M	N/C	35	378.7	245	133.7	34	0	6	2	UHF	35 +	Co	LR	F(50,50)	64	-	-	N/C	N/C	N/C	N/C	N/C	N/C	N/C
KIDT-LP	58568	BLTTL19960501JG	STAMPA	A	LIC	5.37	C/M	Clear	109	189	-	168.5	-43	0	6	0	UHF	43 Z	T+8	LR	F(50,50)	74	F(50,10)	117	N/C	N/C	N/C	N/C	N/C	N/C	N/C

KJTV-DT MOD



Authorized 41dBu Contour Blue Proposed 42 & 48dBu Black

County Borders State Borders City Borders Highways Lat/Lon Grid

Map Scale: 1:1715068 1 cm = 17.15 km V|H Size: 251.94 x 239.22 km