

# **Engineering Statement**

Prepared by Guy Smith in connection with minor CP  
modification application for KUPT-DT, Hobbs, NM

## **Modifications to CP**

The sole purpose of this application is to correct the erroneously checked box in Section I, Question 4. The “Post-Transition” box was inadvertently selected, while the “both” box should have been checked as the applicant expects to be ready for full digital operation as authorized in Construction Permit number BPCDT-20080211ABN.

## **Interference Considerations**

No interference whatsoever is predicted to any currently authorized or proposed TV Broadcast Station or DTV Station, and no currently authorized or proposed LPTV or TV Translator station is predicted to receive objectionable interference. A printout of the interference study, using ComStudy version 2.2.14.12 and the FCC database of 10/15/2008, will be found on the following pages.

Callsign	Fac ID	ARN	City	Class	Type	ERP	Sep Typ	Status	Bearing	Dist	Prot	Clearan	D/U	Rx Gain	Rx F/B	Zone	Band	Ch#	Adj	Matrix	Svc Cor	Svc dB	Int Cont	Int dBu	Old Pop	New Po	Total Po	Old Pop	New Po
KUPT	27431	BLCT20	HOBBS	NTSC	LIC	75.900	D/M	Callsign	90.00	0.0	245	-245.0	34	0.0	6.0	2	UHF	29 +	Co	LR	F(50,50)	64	-	-	N/C	N/C	N/C	N/C	N/C
NEW	131314	BNPTT1	HOBBS	LP NTSC	CP	5.000	D/M	Clean	202.91	0.0	106	-106.0	-32	0.0	6.0	0	UHF	21 +	T-8	LR	F(50,50)	74	-	-	0.0%	0.0%	30632	30632	30632
K56GG	5843	BLTT20	HOBBS	LP NTS	LIC	10.000	D/M	Clean	343.49	7.2	106	-98.8	-24	0.0	6.0	0	UHF	27 Z	T-2	LR	F(50,50)	74	-	-	0.0%	0.0%	28716	28716	28716
NEW	130349	BNPTT2	HOBBS	LP NTS	APP	12.400	D/M	Clean	292.43	9.1	106	-96.9	-43	0.0	6.0	0	UHF	36 -	T+7	LR	F(50,50)	74	-	-	0.0%	0.0%	34084	34084	34084
K21FV	41575	BSTA20	SEMINOL	LP NTS	APP	0.470	D/M	Clean	89.79	43.3	106	-62.7	-32	0.0	6.0	0	UHF	21 Z	T-8	LR	F(50,50)	74	-	-	0.0%	0.0%	4453	4453	4453
K21FV	41575	BLTT20	SEMINOL	LP NTS	LIC	6.800	D/M	Clean	89.79	43.3	106	-62.7	-32	0.0	6.0	0	UHF	21 Z	T-8	LR	F(50,50)	74	-	-	0.0%	0.0%	9612	9612	9612
NEW	128144	BNPTT2	SEMINOL	LP NTSC	CP	7.300	D/M	Clean	89.79	43.3	106	-62.7	-31	0.0	6.0	0	UHF	44 Z	T+15	LR	F(50,50)	74	-	-	0.0%	0.0%	9612	9612	9612
K27FL	53524	BLTTL1	MONAH	LP NTS	LIC	7.040	D/M	Clean	159.93	89.8	106	-16.2	-24	0.0	6.0	0	UHF	27 +	T-2	LR	F(50,50)	74	-	-	0.0%	0.0%	313	313	313
KPKX	84410	BLCT20	ODESS	NTSC	LIC	350.000	D/M	Clean	132.41	102.9	106	-3.1	-17	0.0	6.0	2	UHF	30 Z	A+1	LR	F(50,50)	64	-	-	0.0%	0.0%	251308	251308	251308
NEW	130186	BNPTT1	MIDLAN	LP NTS	APP	150.000	D/M	Clean	132.40	102.9	106	-3.1	-34	0.0	6.0	0	UHF	25 Z	T-4	LR	F(50,50)	74	-	-	0.0%	0.0%	226757	226757	226757
KUPT	27431	BPCDT1	HOBBS	SDTV	CP	50.000	D/M	Callsign	90.00	0.0	224	0.0	15	14.0	10.0	2	UHF	29	Co	LR	F(50,90)	41	-	-	N/C	N/C	N/C	N/C	N/C
K29FM	130369	BLDTT2	ARTESIL	LP DTV	LIC	0.900	M	Interf	276.24	125.2	245	-	15	14.0	10.0	0	UHF	29 T	Co	LR	F(50,90)	51	-	-	0.0%	0.0%	15548	15548	15544
NEW	167481	BDCCD1	HOBBS	LP DTV	CP	1.000	M	Clean	255.23	106.9	245	-	-28	14.0	10.0	0	UHF	28 T	A-1	LR	F(50,90)	51	-	-	0.0%	0.0%	34906	34906	34906
NEW	168022	BSFDT1	MIDLAN	LP DTV	APP	15.000	M	Clean	135.60	113.0	245	-	-28	14.0	10.0	0	UHF	28	A-1	LR	F(50,90)	51	-	-	0.0%	0.0%	234394	234394	234394
NEW	167515	BDCCD0	ODESS	LP DTV	APP	1.500	M	Clean	155.04	113.9	245	-	-28	14.0	10.0	0	UHF	28 T	A-1	LR	F(50,90)	51	-	-	0.0%	0.0%	156	156	156
NEW	167455	BSFDT1	MIDLAN	LP DTV	APP	0.900	M	Clean	135.60	113.0	245	-	-28	14.0	10.0	0	UHF	28 T	A-1	LR	F(50,90)	51	-	-	0.0%	0.0%	203274	203274	203274
K69IT	131105	BDISDT	MIDLAN	LP DTV	APP	0.800	M	Clean	135.60	113.0	245	-	15	14.0	10.0	0	UHF	29 T	Co	LR	F(50,90)	51	-	-	0.0%	0.0%	198563	198563	198563
KUPT	77719	BLCT20	WOLFF	NTSC	LIC	142.000	D/M	Callsign	52.48	143.1	106	0.0	-35	0.0	6.0	2	UHF	22 -	T-7	LR	F(50,50)	64	-	-	N/C	N/C	N/C	N/C	N/C
NEW	167480	BDCCD1	HOBBS	LP DTV	CP	2.000	M	Interf	194.32	5.8	245	-	-26	14.0	10.0	0	UHF	30 T	A+1	LR	F(50,90)	51	-	-	0.0%	1.1%	40373	40373	39916
NEW	168549	BSFDT1	MIDLAN	LP DTV	APP	15.000	M	Clean	131.09	128.9	245	-	-28	14.0	10.0	0	UHF	28	A-1	LR	F(50,90)	51	-	-	0.0%	0.0%	231897	231897	231897
K54JR	127009	BDISTT	MIDLAN	LP NTSC	CP	9.900	D/M	Clean	134.83	106.3	106	0.3	-35	0.0	6.0	0	UHF	22 Z	T-7	LR	F(50,50)	74	-	-	0.0%	0.0%	95205	95205	95205
KWWT	84410	BPCT20	ODESS	NTSC	CP	270.000	D/M	Clean	134.83	106.3	106	0.3	-17	0.0	6.0	2	UHF	30 Z	A+1	LR	F(50,50)	64	-	-	0.0%	0.0%	238568	238568	238568
KTEL-T	83707	BLCT20	CARLS	NTSC	LIC	113.000	D/M	Clean	252.87	107.1	106	1.1	-34	0.0	6.0	2	UHF	25 -	T-4	LR	F(50,50)	64	-	-	0.0%	0.0%	35622	35622	35622
K36GD	129009	BLTTL2	CARLS	LP NTS	LIC	10.000	D/M	Clean	251.10	108.2	106	2.2	-43	0.0	6.0	0	UHF	36 Z	T+7	LR	F(50,50)	74	-	-	0.0%	0.0%	28461	28461	28461
NEW	130350	BNPTT2	CARLS	LP NTS	APP	12.200	D/M	Clean	254.28	115.2	106	9.2	-25	0.0	6.0	0	UHF	33 -	T+4	LR	F(50,50)	74	-	-	0.0%	0.0%	32144	32144	32144
NEW	130347	BNPTT2	CARLS	LP NTS	APP	12.200	D/M	Clean	254.28	115.2	106	9.2	-31	0.0	6.0	0	UHF	44 +	T+15	LR	F(50,50)	74	-	-	0.0%	0.0%	32144	32144	32144
KRWB-	84157	BLCT20	ROSWE	NTSC	LIC	5000.000	D/M	Clean	291.45	115.9	106	9.9	-32	0.0	6.0	2	UHF	21 +	T-8	LR	F(50,50)	64	-	-	0.0%	0.0%	77622	77622	77622
KOCV-	150044	BLET19	ODESS	NTSC	LIC	513.000	D/M	Clean	144.63	116.7	106	10.7	-43	0.0	6.0	2	UHF	36 +	T+7	LR	F(50,50)	64	-	-	0.0%	0.0%	236309	236309	236309
K21GU	127755	BLTTL2	MIDLAN	LP NTS	LIC	0.005	D/M	Clean	127.74	121.0	106	15.0	-32	0.0	6.0	0	UHF	21 Z	T-8	LR	F(50,50)	74	-	-	N/C	N/C	N/C	N/C	N/C
NEW	128320	BNPTT1	MONAH	LP NTS	APP	150.000	D/M	Clean	172.36	133.7	106	27.7	-31	0.0	6.0	0	UHF	44 Z	T+15	LR	F(50,50)	74	-	-	0.0%	0.0%	9337	9337	9337
KRPV-	153539	BDSTA1	ROSWE	DTV ST	APP	10.000	D/M	Clean	302.44	140.8	110	30.8	-28	14.0	10.0	2	UHF	28	A-1	LR	F(50,90)	41	-	-	0.0%	0.0%	60671	60671	60671
KRPV-	153539	BLCDT2	ROSWE	DTV	LIC	10.000	D/M	Clean	302.44	140.8	110	30.8	-28	14.0	10.0	2	UHF	28	A-1	LR	F(50,90)	41	-	-	0.0%	0.0%	60671	60671	60671
KRPV	53539	BLCT20	ROSWE	NTSC	LIC	490.000	D/M	Clean	302.44	140.8	106	34.8	-24	0.0	6.0	2	UHF	27 -	T-2	LR	F(50,50)	64	-	-	0.0%	0.0%	60348	60348	60348
NEW	130378	BNPTT2	ROSWE	LP NTSC	CP	7.000	D/M	Clean	302.54	141.3	106	35.3	-34	0.0	6.0	0	UHF	25 +	T-4	LR	F(50,50)	74	-	-	0.0%	0.0%	14631	14631	14631

KJTV-C	55033	BLTTA2	LUBBOA	NTSCLIC	14.600	D/M	Clean	52.48	143.1	106	37.1	-34	0.0	6.0	0	UHF	32 Z	T+3	LR	F(50,50)	74	-	-	0.0%	0.0%	241724	241724	241724
KJTV-C	55033	BPTTA2	LUBBOA	NTS CCP	20.000	D/M	Clean	52.48	143.1	106	37.1	-34	0.0	6.0	0	UHF	32 Z	T+3	LR	F(50,50)	74	-	-	0.0%	0.0%	242457	242457	242457
KJTV-C	55033	BSTA2C	LUBBOA	NTSC APP	24.000	D/M	Clean	52.48	143.1	106	37.1	-34	0.0	6.0	0	UHF	32 Z	T+3	LR	F(50,50)	74	-	-	0.0%	0.0%	243843	243843	243843
KLCW-	177719	BPCT2C	WOLFF	NTSC APP	55.400	D/M	Clean	52.48	143.1	106	37.1	-35	0.0	6.0	2	UHF	22 -	T-7	LR	F(50,50)	64	-	-	0.0%	0.0%	267080	267080	267080
KLCW-	177719	BSTA2C	WOLFF	NTSC APP	0.000	D/M	N/C	52.48	143.1	106	37.1	-35	0.0	6.0	2	UHF	22 -	T-7	LR	F(50,50)	64	-	-	N/C	N/C	N/C	N/C	N/C
KLCW-	177719	BSTA2C	WOLFF	NTSC APP	0.000	D/M	N/C	52.48	143.1	106	37.1	-35	0.0	6.0	2	UHF	22 -	T-7	LR	F(50,50)	64	-	-	N/C	N/C	N/C	N/C	N/C
NEW	129711	BNPTTL	LUBBO	LP NTSCP	3.000	D/M	Clean	51.73	144.9	106	38.9	-30	0.0	6.0	0	UHF	26 +	T-3	LR	F(50,50)	74	-	-	0.0%	0.0%	218987	218987	218987
NEW	129868	BNPTTL	LUBBO	LP NTSCP	10.000	D/M	Clean	51.73	144.9	106	38.9	-43	0.0	6.0	0	UHF	36 -	T+7	LR	F(50,50)	74	-	-	0.0%	0.0%	228703	228703	228703
KAMC	40820	BLCT18	LUBBO	NTSC LIC	2000.00	D/M	Clean	52.52	145.7	106	39.7	-14	0.0	6.0	2	UHF	28 Z	A-1	LR	F(50,50)	64	-	-	0.0%	0.0%	316699	316699	316699
K44HH	130000	BLTT20	LUBBO	LP NTS LIC	5.000	D/M	Clean	50.39	150.3	106	44.3	-31	0.0	6.0	0	UHF	44 Z	T+15	LR	F(50,50)	74	-	-	0.0%	0.0%	164076	164076	164076
K67HQ	129715	BDISTTL	LUBBO	LP NTS APP	10.000	D/M	Clean	50.19	150.5	106	44.5	-28	0.0	6.0	0	UHF	31 +	T+2	LR	F(50,50)	74	-	-	0.0%	0.0%	209943	209943	209943
K33EI	53548	BLTT19	ROSWE	LP NTS LIC	0.469	D/M	Clean	298.44	150.8	106	44.8	-25	0.0	6.0	0	UHF	33	T+4	LR	F(50,50)	74	-	-	0.0%	0.0%	14616	14616	14616
K44DL	53530	BLTT19	ROSWE	LP NTS LIC	0.761	D/M	Clean	299.57	152.4	106	46.4	-31	0.0	6.0	0	UHF	44	T+15	LR	F(50,50)	74	-	-	0.0%	0.0%	11474	11474	11474
	53548		ROSWE	NTSC A	0.000	D/M	N/C	299.70	152.6	106	46.6	-25	0.0	6.0	2	UHF	33 +	T+4	LR	F(50,50)	64	-	-	N/C	N/C	N/C	N/C	N/C
KRPV*	53539	DTV AL	ROSWE	DTV ALLIC	50.000	D/M	Clean	299.71	157.1	110	47.1	-28	14.0	10.0	2	UHF	28	A-1	LR	F(50,90)	41	-	-	0.0%	0.0%	63316	63316	63316
NEW	130253	BNPTTL	CLOVIS	LP NTSCP	9.900	C/M	Clean	356.86	191.1	245	49.9	34	0.0	6.0	0	UHF	29 -	Co	LR	F(50,50)	74	F(50,10)	40	0.0%	0.0%	44872	44872	44872
NEW	129558	BNPTTL	BIG SPI	LP NTSCP	10.000	D/M	N/C	109.61	164.1	106	58.1	-32	0.0	6.0	0	UHF	21 -	T-8	LR	F(50,50)	74	-	-	N/C	N/C	N/C	N/C	N/C
KRBC-T	306	DTV AL	ABILEN	NTSC LIC	1000.00	D/M	N/C	97.88	318.5	245	73.5	34	0.0	6.0	2	UHF	29	Co	LR	F(50,50)	64	-	-	N/C	N/C	N/C	N/C	N/C
K26CD	51469	BLTT19	CLOVIS	A NTS CLIC	8.010	D/M	N/C	356.86	191.1	106	85.1	-30	0.0	6.0	0	UHF	26 Z	T-3	LR	F(50,50)	74	-	-	N/C	N/C	N/C	N/C	N/C
K43BU	40448	BLTTL1	CLOVIS	LP NTS LIC	7.900	D/M	N/C	356.86	191.1	106	85.1	-33	0.0	6.0	0	UHF	43	T+14	LR	F(50,50)	74	-	-	N/C	N/C	N/C	N/C	N/C
NEW	125723	BNPTTL	PLAINV	LP NTSCP	10.000	D/M	N/C	33.83	200.3	106	94.3	-28	0.0	6.0	0	UHF	31 Z	T+2	LR	F(50,50)	74	-	-	N/C	N/C	N/C	N/C	N/C
K26DW	53521	BSTA2C	SNYDE	LP NTS LIC	0.508	D/M	N/C	88.32	204.2	106	98.2	-30	0.0	6.0	0	UHF	26	T-3	LR	F(50,50)	74	-	-	N/C	N/C	N/C	N/C	N/C
K26DW	53521	BSTA2C	SNYDE	LP NTS LIC	0.430	D/M	N/C	88.32	204.2	106	98.2	-30	0.0	6.0	0	UHF	26	T-3	LR	F(50,50)	74	-	-	N/C	N/C	N/C	N/C	N/C
K44FG	3664	BLTT20	SNYDE	LP NTS LIC	0.080	D/M	N/C	87.65	205.6	106	99.6	-31	0.0	6.0	0	UHF	44 -	T+15	LR	F(50,50)	74	-	-	N/C	N/C	N/C	N/C	N/C
KRBC-C	306	BLCDT2	ABILEN	DTV LIC	1000.00	D/M	N/C	97.68	331.8	224	107.8	15	14.0	10.0	2	UHF	29	Co	LR	F(50,90)	41	-	-	N/C	N/C	N/C	N/C	N/C
NEW-D	164403	BPFS2C	CIUDA	DTV APP	0.000	D/M	N/C	251.47	338.9	224	114.9	15	14.0	10.0	2	UHF	29	Co	LR	F(50,90)	41	-	-	N/C	N/C	N/C	N/C	N/C
KRBC-C	306	BDSTA1	ABILEN	DTV ST LIC	2.500	D/M	N/C	97.92	318.5	197	121.5	15	14.0	10.0	0	UHF	29	Co	LR	F(50,90)	41	-	-	N/C	N/C	N/C	N/C	N/C
KGLR-L	39142	BLTTA2	LUBBOA	NTS CLIC	14.400	C/M	Clean	52.50	145.7	245	123.6	-17	0.0	6.0	0	UHF	30 -	A+1	LR	F(50,50)	74	F(50,10)	91	N/C	N/C	N/C	N/C	N/C
K29BD	53526	BLTTL1	ALAMOL	LP NTS LIC	1.860	C/M	Clean	273.32	261.1	245	136.8	34	0.0	6.0	0	UHF	29 -	Co	LR	F(50,50)	74	F(50,10)	40	N/C	N/C	N/C	N/C	N/C
K29GD	130117	BSTA2C	AMARILL	LP NTS APP	1.000	C/M	Clean	22.44	299.4	245	173.5	34	0.0	6.0	0	UHF	29 -	Co	LR	F(50,50)	74	F(50,10)	40	N/C	N/C	N/C	N/C	N/C
K29GD	130117	BLTTL2	AMARILL	LP NTS LIC	1.000	C/M	Clean	22.44	299.4	245	173.6	34	0.0	6.0	0	UHF	29 -	Co	LR	F(50,50)	74	F(50,10)	40	N/C	N/C	N/C	N/C	N/C
KWBQ-	76268	BLCDT2	SANTA	DTV LIC	245.000	D/M	N/C	312.74	414.8	224	190.8	15	14.0	10.0	2	UHF	29	Co	LR	F(50,90)	41	-	-	N/C	N/C	N/C	N/C	N/C
KWBQ	76268	BMPCDS	SANTA	DTV CP MO	245.000	D/M	N/C	312.75	414.9	224	190.9	15	14.0	10.0	2	UHF	29	Co	LR	F(50,90)	41	-	-	N/C	N/C	N/C	N/C	N/C
K29FR	129465	BLTT20	QUANAL	LP NTS LIC	0.750	C/M	Clean	61.14	352.8	245	220.4	34	0.0	6.0	0	UHF	29	Co	LR	F(50,50)	74	F(50,10)	40	N/C	N/C	N/C	N/C	N/C
K29BH	25187	BLTT19	WELLIN	LP NTS LIC	0.214	C/M	Clean	48.93	351.9	245	220.9	34	0.0	6.0	0	UHF	29	Co	LR	F(50,50)	74	F(50,10)	40	N/C	N/C	N/C	N/C	N/C