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Federal Communications Commission
Media Bureau, Video Division
445 12th St. S.W.
Washington, D.C. 20554

This instant application is for converting the analog construction permit granted for K42FX to a digital translator construction permit through the "Flash Cut" process. There is no material change in the coordinates for the location of the facilities proposed.

In evaluating the proposed DTV flash cut facility change for K42FX, an evaluation of possible interference according to FCC rules was conducted.

PROPOSED STATION EVALUATION TO POSSIBLE INTERFERENCE CRITERIA

Proposed facility does not interfere with FCC Monitoring Stations

Proposed facility does not interfere with West Virginia quite zone

Proposed facility does not interfere with Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is within the Mexican coordination distance but no process for coordination of low power digital TV facilities is in place. The proposed facilities were operated for a year under an experimental license at the ERP indicated here without any recorded interference to Mexican stations.

Proposed station is OK toward AM broadcast stations

There is possible interference with full service, digital, Class A, and Low Power TV stations.

An evaluation according to OET-69 is presented to support this proposed facility change. In evaluating the proposed facility change for K42FX, an outgoing interference study was executed using the OET-69 Longley Rice Methodology using a signal resolution of 1 km and a spacing increment of 0.1 km with a digital ERP of 15 kW. The following stations were considered in the study:

Call Sign	FCC File Number	City	State	Distance	Bearing
K16EB.C (40)	BPTTL20030428AAI	Hobbs	NM	12.3.	142.1
K27GL (27Z)	BLTT20020322ACH	Hobbs	NM	7.5	67.7
K41HY.A (41+)	BMP TTL20051013AGK	Midland	TX	122.2	133.7
K41HY.C (41+)	BNPTTL20000807ACX	Midland	TX	112.3	130.7
K42CR (42N)	BLTT19891204IA	Tucumcari	NM	267.8	350.1
K42ES (42Z)	BLTT20041021ACV	Matador	TX	251.5	56.8
K42ET (42-)	BLTT20020517AAX	Snyder	TX	213.5	89.4
K42EY (42N)	BLTT20020116AAH	Alamogordo	NM	252.5	272.5
KBIM-D.C (41)	BPCDT19991029AGU	Roswell	NM	140.4	298.1
KCBDTV-D.R (43)	BLCT1286	LUBBOCK	TX	153.2	55.2
KIDZ-L (42+)	BLTTA20041025ABY	Abilene	TX	326.4	95.2

KLUZ-D.C (42)	BMPCDT20000501AET	Albuquerque	NM	405.4	313.0
KMLM (42Z)	BLCT20000112AAZ	Odessa	TX	115.2	133.1
KMLM-D.C (43)	BPCDT19991018ABI	Odessa	TX	115.2	133.1
KSGD-L (49+)	BLTTL20000515ACX	Seminole	TX	49.0	91.8
NEW.A-1 (42Z)	BNPTTL20000818AEA	Abilene	TX	304.7	96.3
NEW.A-2 (42-)	BNPTTL20000831AMN	Lubbock	TX	149.8	55.2
NEW.A-3 (42N)	BNPTT20000831AUU	Carlsbad	NM	105.6	249.7
NEW.A-4 (45Z)	BNPTT20000829AOW	Hobbs	NM	0.8	137.1
NEW.A-5 (42N)	BNPTTL20000830BAK	San Angelo	TX	292.0	118.0
NEW.A-6 (45+)	BNPTTL20000828ALZ	Hobbs	NM	12.3	142.1
NEW.A-7 (45+)	BNPTTL20000828AYH	Hobbs	NM	12.3	142.1
NEW.A-8 (42+)	BNPTTL20000830BRT	Lubbock	TX	146.3	56.3
NEW.A-9 (42+)	BNPTT20000831BXD	Littlefield	TX	156.2	30.5
NEW.A-10 (49+)	BNPTT20000829APV	Hobbs	NM	0.8	137.1
NEW.A-11 (42-)	BNPTTL20000830BLO	Hereford	TX	239.4	17.7

Of the considered stations, none showed possible interference:

Should you have any questions concerning this analysis, please contact me and I will be happy to help.

Sincerely,

Greg Best

President