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

In evaluating the proposed facility change for K29FM (FCC File BLTT20050609AAY), 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 beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

There are spacing and/or contour violations 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 K29FM, 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 0.9 kW. The CDBS database of 3/28/2006 was used for this analysis. The following stations were considered in the study:

Call Sign	FCC File Number	City	State	Distance	Bearing
K15FT (15-)	BLTT20030307ADP	Roswell	NM	62.5	4.5
K28HB (28+)	BLTTL20010801ALG	Alamogordo	NM	135.0	269.9
K29FW.C (29-)	BNPTT20000831BWS	Plainview	TX	294.6	58.2
K29GE.C (29Z)	BNPTT20000831ARC	Littlefield	TX	231.8	56.6
K30GM (30Z)	BLTT20011002AAR	Capitan/ruidoso	NM	141.0	296.7
K31GS-.C (31+)	BNPTT20000829AOS	Roswell	NM	62.5	4.2
K36GD (36Z)	BLTTL20030822AGA	Carlsbad	NM	53.3	154.8
KAPT-L (29-)	BLTTL19911205JF	Alamogordo	NM	136.5	269.9
KCWI-L (36N)	BLTT19890606IQ	Alamogordo	NM	136.6	269.9
KRPV (27-)	BLCT20040830AAF	Roswell	NM	62.0	4.5
KRPV-D.C (28)	BPCDT19991018ABL	Roswell	NM	65.2	348.6
KRWBTv (21+)	BLCT20030204AGY	Roswell	NM	33.2	29.4
KTELTv.C (25-)	BPCT20040416AAB	Carlsbad	NM	50.2	153.1
KUPT (29+)	BLCT20000424AAU	Hobbs	NM	125.5	95.5
KWBQ-D (29)	BLCDT20030429ABG	Santa Fe	NM	322.6	325.2
KWBQ-D.C (29)	BMPCDT20010323AAU	Santa Fe	NM	322.7	325.2

<u>Call Sign</u>	<u>FCC File Number</u>	<u>City</u>	<u>State</u>	<u>Distance</u>	<u>Bearing</u>
NEW.A-1 (29Z)	BNPTTL20000829AEI	Deming	NM	319.4	259.1
NEW.A-2 (14-)	BNPTT20000829ATO	Ruidoso, Etc.	NM	140.9	296.7
NEW.A-3 (14+)	BNPTT20000830AVK	Carlsbad	NM	53.3	154.8
NEW.A-4 (29-)	BNPTTL20000830BLE	Clovis	NM	210.4	32.1
NEW.A-5 (36-)	BNPTT20000829AOH	Hobbs	NM	116.8	94.2
NEW.A-6 (36-)	BNPTT20000830BPM	Hobbs	NM	121.1	98.1
NEW.A-7 (29Z)	BNPTTL20000830BAX	Clovis	NM	207.6	33.8

Of the considered stations, the following stations showed possible interference:

<u>Call Sign</u>	<u>FCC File Number</u>
KRPV-D.C (28)	BPCDT19991018ABL

The above station was evaluated for incoming interference using the OET-69 Longley Rice methodology. There was zero percent (when rounded to the nearest percent) interference present. The following table identifies the actual percentage interference from the incoming interference analyses.

<u>Call Sign</u>	<u>FCC File Number</u>	<u>Percentage Interference</u>
KRPV-D.C (28)	BPCDT19991018ABL	0.49 %

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

Sincerely,

*Greg Best*  
President