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

In evaluating the proposed facility change for K55AB, 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

No Spacing violations or contour overlap to Class A station

There are spacing violations or contour overlap with full service analog TV stations, full service DTV stations, and LPTV stations.

A waiver is requested and an evaluation according to OET-69 is presented to support this waiver. In evaluating the proposed facility change for K55AB, 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 an ERP of 6.76 kW. The following stations were considered in the study:

Call Sign	FCC File Number	City	State	Distance	Bearing
AP482 (20+)	BPCT19960920WP	Bishop	CA	170.8	346.8
AP617 (20+)	BPCT19960702KT	Bishop	CA	170.8	346.8
K21AC (21N)	BLTT19820105IG	ictorville, Etc.	CA	102.9	159.4
K21FP (21+)	BLTT20021009AAE	Bakersfield	CA	96.2	267.6
K28IE.C (28+)	BNPTTL20000831CDM	Barstow	CA	90.5	140.4
K35AA (35N)	BLTT19880127IG	Nevada Test Site	NV	227.8	32.0
K35AX (35N)	BLTT19860224IE	Hawthorne, Etc.	NV	344.4	344.1
K35BQ (35N)	BLTT19880307IA	Daggett, Etc.	CA	97.4	132.4
K35DG (35-)	BLTTL19970425JA	La Jolla	CA	295.5	172.1
K35DG.A (35-)	BPTTA20040127ALG	La Jolla	CA	295.5	172.1
K35EI (35-)	BLTT20011030ACI	Dolan Springs	AZ	311.8	86.7
K35ER (35+)	BLTTL19980902JD	Santa Maria	CA	272.6	257.2
K35ER.C (35+)	BPTTL20010709AAJ	Santa Maria	CA	272.6	257.2
KBFK-L (36+)	BLTTL20040219ACE	Bakersfield	CA	96.2	267.5

KCBA (35-)	BLCT19811022KE	Salinas	CA	371.8	293.5
KJOI-L (34+)	BLTTL20030611AAH	Bakersfield	CA	128.8	260.6
KJOI-L.C (34+)	BPTTL20040323AUQ	Bakersfield	CA	97.0	267.0
KMCF-L (35Z)	BLTTL20030303ACQ	Visalia	CA	137.5	311.0
KMEX-D (35)	BLCDT20021118ACF	Los Angeles	CA	143.4	194.3
KMEXTV (34Z)	BLCT20030313AHD	Los Angeles	CA	143.4	194.3
KMEXTV-D.R (35)	BLCT790118LF	Los Angeles	CA	143.4	194.3
KNBC-D (36)	BLCDT19981123KG	Los Angeles	CA	143.5	194.2
KNBC-D.R (36)	BLCT930901KE	Los Angeles	CA	143.5	194.2
KPMC-L.C (42+)	BPTTL20030220AAD	Bakersfield	CA	96.2	267.5
KYRK-L (35Z)	BLTTL20040811AAP	Las Vegas	NV	244.4	77.0
NEW.A-1 (20-)	BNPTTL20000804ABD	Big Bear Lake	CA	154.2	152.6
NEW.A-2 (20+)	BNPTTL20000807AEP	Barstow	CA	97.4	132.4
NEW.A-3 (34-)	BNPTTL20000831AWI	Bakersfield	CA	103.3	259.6
NEW.A-4 (20Z)	BNPTTL20000831AHV	Barstow	CA	97.4	132.4

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

Call Sign	FCC File Number
KMEX-D (35)	BLCDT20021118ACF
KMEXTV-D.R (35)	BLCT790118LF

The above stations were evaluated for incoming interference using the OET-69 Longley Rice methodology. In this case, 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.

Call Sign	FCC File Number	Percentage Interference
KMEX-D (35)	BLCDT20021118ACF	0.0 %
KMEXTV-D.R (35)	BLCT790118LF	0.0 %

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

Sincerely,

Greg Best

President