

**KENW - TV Eastern New Mexico University
Portales, NM**

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Thursday, June 07, 2001

Dataworld LPTV/TV Translator Interference Study

Title: Hobbs 42-

Channel: 42 Offset: - (638-644 MHz) Analog
Database: DW 6/6/2001 5:39:50 PM

ERP: 12.4 kW
HAAT: 56.4 m

Latitude: N 32° 45' 20.0"
Longitude: W 103° 11' 09.0"
Safety Zone: 32.0 km

Call	Auth	Licensee name	Chan	HAAT(m)	ERP	Latitude	Br-to	Dist	Req
City of License		St	FCC File Number	Zone	HAMSL(m)	(kW)	Longitude	-from	(km)

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Dataworld LPTV/TV Translator Channel Study

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from use of the said information.

Job Title: Hobbs 42-

Channel(s):
Coordinates:
Effective radiated power:
Antenna 56.4 m (185.0 ft) above average terrain
Safety Zone:
TV translators included

42 Offset: -
N 32° 45' 20.0" W 103° 11' 09.0"
12.4 kW
32.0 km (19.9 mi)

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Thursday, June 07, 2001

Datavorld LPTV/TV Translator Interference Study

Title: Hobbs 42-

Channel: 42 Offset: - (638-644 MHz)Analog
Database: FCC 6/5/2001 5:03:51 AM

ERP: 12.4 kW
HAAT: 56.4 m

Latitude: N 32° 45' 20.0"
Longitude: W 103° 11' 09.0"
Safety Zone: 32.0 km

Call	Auth	Licensee name	Chan	HAAT(m)	ERP	Latitude	Br-to	Dist	Req
City of License		St	FCC File Number	Zone	HAMSL(m)	(kW)	Longitude	-from	(km)
K56GG	CP	RAYCOM NATIONAL, INC..	27 o	48.1	10	N 32° 47' 12.0"	61.4	7.227	16.16
HOBBS		NM BPTT-20000728AFD		1162.0		W 103° 07' 05.0"	241.4	-8.94	SHORT
Proposed Channel 42 80 dBuV/m F(50,50) Interfering contour = 8.2 km				K56GG Channel 27 74 dBuV/m F(50,50) Service contour = 8.0 km					
NEW	APP	HOWARD MINTZ	41 +	318.0	5.89	N 32° 05' 51.0"	130.8	111.5	14.56
MIDLAND		TX BNPTTL-20000807ACX		1208.0		W 102° 17' 23.0"	311.3	96.93	CLEAR
DA: SCA 4DR-16-2HW @ 140.0°				NEW Channel 41 74 dBuV/m F(50,50) Service contour = 7.1 km					
Proposed Channel 42 89 dBuV/m F(50,50) Interfering contour = 4.9 km				NEW Channel 41 89 dBuV/m F(50,50) Interfering contour = 3.0 km					
Proposed Channel 42 74 dBuV/m F(50,50) Service contour = 11.5 km									
NEW	APP	EASTERN NEW MEXICO UNIVERSITY	42 +	124.6	12.4	N 32° 45' 20.0"	0.0	0.000	62.88
HOBBS		NM BNPTT-20000829AOV		1246.9		W 103° 11' 09.0"	0.0	-62.9	SHORT
Proposed Channel 42 46 dBuV/m F(50,10) Interfering contour = 54.5 km				NEW Channel 42 74 dBuV/m F(50,50) Service contour = 8.4 km					
Proposed Channel 42 74 dBuV/m F(50,50) Service contour = 11.5 km				NEW Channel 42 46 dBuV/m F(50,10) Interfering contour = 48.1 km					
NEW	APP	ACME TELEVISION LICENSES OF NEW	42	33.3	2.4	N 32° 25' 17.0"	249.7	105.6	140.5
CARLSBAD		NM BNPTT-20000831AUU		1022.5		W 104° 14' 22.0"	69.1	-34.8	SHORT
DA: SCA SL-8 @ 141.2°				NEW Channel 42 74 dBuV/m F(50,50) Service contour = 5.7 km					
Proposed Channel 42 29 dBuV/m F(50,10) Interfering contour = 134.8 km				NEW Channel 42 29 dBuV/m F(50,10) Interfering contour = 89.4 km					
Proposed Channel 42 74 dBuV/m F(50,50) Service contour = 11.5 km				NEW Channel 42 74 dBuV/m F(50,50) Service contour = 5.7 km					
Proposed Channel 42 46 dBuV/m F(50,10) Interfering contour = 54.5 km				NEW Channel 42 46 dBuV/m F(50,10) Interfering contour = 31.0 km					
Proposed Channel 42 74 dBuV/m F(50,50) Service contour = 11.5 km									
KMLM	LIC	PRIME TIME CHRISTIAN BROADCASTIN	42 o	145.0	302	N 32° 02' 54.0"	133.2	114.4	147.0
ODESSA		TX BLCT-20000112AAZ	II	1034.0		W 102° 18' 04.0"	313.7	-32.6	SHORT
DA: PSI PSILPMBFA/42PSI @ 0.0°				KMLM Channel 42 64 dBuV/m F(50,50) Service contour = 50.8 km					
Proposed Channel 42 36 dBuV/m F(50,10) Interfering contour = 96.2 km				KMLM Channel 42 46 dBuV/m F(50,10) Interfering contour = 133.1 km					
Proposed Channel 42 74 dBuV/m F(50,50) Service contour = 11.5 km									
NEW	APP	VENTURE TECHNOLOGIES GROUP, LLC	42 -	202.9	10	N 33° 31' 33.0"	54.7	149.7	142.7
LUBBOCK		TX BNPTTL-20000831AMN		1183.0		W 101° 52' 07.0"	235.4	6.942	CLOSE
Proposed Channel 42 29 dBuV/m F(50,10) Interfering contour = 134.8 km				NEW Channel 42 74 dBuV/m F(50,50) Service contour = 8.0 km					
Proposed Channel 42 74 dBuV/m F(50,50) Service contour = 11.5 km				NEW Channel 42 29 dBuV/m F(50,10) Interfering contour = 122.3 km					
Proposed Channel 42 46 dBuV/m F(50,10) Interfering contour = 54.5 km				NEW Channel 42 74 dBuV/m F(50,50) Service contour = 8.0 km					
Proposed Channel 42 74 dBuV/m F(50,50) Service contour = 11.5 km				NEW Channel 42 46 dBuV/m F(50,10) Interfering contour = 45.3 km					
KMLM	APP	PRIME TIME CHRISTIAN BROADCASTIN	43	142.4	50	N 32° 02' 54.0"	133.2	114.4	67.89
ODESSA		TX BPCDT-19991018ABI	II	1034.2		W 102° 18' 04.0"	313.7	46.47	CLEAR
Digital channelDA: PRO PSILPD36MBFA/42-43 @ 0.0°				KMLM Channel 43 41 dBuV/m F(50,90) Service contour = 63.0 km					
Proposed Channel 42 89 dBuV/m F(50,50) Interfering contour = 4.9 km				KMLM Channel 43 89 dBuV/m F(50,50) Interfering contour = 10.9 km					
Proposed Channel 42 74 dBuV/m F(50,50) Service contour = 11.5 km									

>> End of channel 42 study <<