

## NEW FM TRANSLATOR, MOAPA, NV

## EXHIBIT 12 – STUDY LIST

07-31-2003

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FM Study for: NEW-X  
Location: MOAPA, NV

FCC Database Date: 7/25/2003

**36-42-33**

Channel Class: D

114-32-35

Contours calculated on direct line using 73.509(a)

[\*] by Distance indicates directional antenna used in calculation.

[\*] by HAAT indicates calculated as missing in database.

Call City, State

Chan Class	Freq	kW
0-10	1	10
10-20	1	20
20-30	1	30
30-40	1	40
40-50	1	50
50-60	1	60
60-70	1	70
70-80	1	80
80-90	1	90
90-100	1	100
100-110	1	110
110-120	1	120
120-130	1	130
130-140	1	140
140-150	1	150
150-160	1	160
160-170	1	170
170-180	1	180
180-190	1	190
190-200	1	200
200-210	1	210
210-220	1	220
220-230	1	230
230-240	1	240
240-250	1	250
250-260	1	260
260-270	1	270
270-280	1	280
280-290	1	290
290-300	1	300
300-310	1	310
310-320	1	320
320-330	1	330
330-340	1	340
340-350	1	350
350-360	1	360
360-370	1	370
370-380	1	380
380-390	1	390
390-400	1	400
400-410	1	410
410-420	1	420
420-430	1	430
430-440	1	440
440-450	1	450
450-460	1	460
460-470	1	470
470-480	1	480
480-490	1	490
490-500	1	500
500-510	1	510
510-520	1	520
520-530	1	530
530-540	1	540
540-550	1	550
550-560	1	560
560-570	1	570
570-580	1	580
580-590	1	590
590-600	1	600
600-610	1	610
610-620	1	620
620-630	1	630
630-640	1	640
640-650	1	650
650-660	1	660
660-670	1	670
670-680	1	680
680-690	1	690
690-700	1	700
700-710	1	710
710-720	1	720
720-730	1	730
730-740	1	740
740-750	1	750
750-760	1	760
760-770	1	770
770-780	1	780
780-790	1	790
790-800	1	800
800-810	1	810
810-820	1	820
820-830	1	830
830-840	1	840
840-850	1	850
850-860	1	860
860-870	1	870
870-880	1	880
880-890	1	890
890-900	1	900
900-910	1	910
910-920	1	920
920-930	1	930
930-940	1	940
940-950	1	950
950-960	1	960
960-970	1	970
970-980	1	980
980-990	1	990
990-1000	1	1000

## Latitude

### Required

Status	Proponent
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File Number HAAT

Longitude

Azm. Clear (km)

>>>>>>> Study For Channel 299 107.7 mHz <<<<<<<<

KXTE	PAHRUMP, NV	298 C	107.5	24.5	35-57-57	119.2	111	
LIC	Fac. No. 2100	BLH-19950817KE	1137		115-30-03	226.5	+8.2	CLOSE
NEW-X	F(50,10) 54 dBu =	12 km, KXTE	F(50,50)	60 dBu =	96 KM	+12 km		
ALLOCR	CALIENTE, NV	299 C2	107.7		37-39-18	105.0	96	
ADD		RM-2010327*	0		114-30-34	1.6	+9.0	CLOSE
NEW-X	MOAPA, NV	299 D	107.7	.062	36-42-33	0.0	44	
APP	Fac. No. 142762	BNPFT-20030317ATF	81*		114-32-35	0.0	-44.0	SHORT
NEW-X	F(50,10) 40 dBu =	27 km, NEW-X	F(50,50)	60 dBu =	11 KM	-38 km		
KVGS	LAUGHLIN, NV	300 C	107.9	98.0	35-39-07	119.1	111	
LIC	Fac. No. 25752	BLH-20010726AAO	605		114-18-42	169.9	+8.1	CLOSE
NEW-X	F(50,10) 54 dBu =	12 km, KVGS	F(50,50)	60 dBu =	89 KM	+18 km		
ALLOCR	LAUGHLIN, NV	300 C	107.9		35-39-07	119.1	111	
DEL		RM-vmm1	0		114-18-42	169.9	+8.1	CLOSE
ALLOCR	MEADVIEW, AZ	300 C	107.9		35-50-11	98.9	111	
ADD		RM-vmm1	0		114-19-08	168.2	-12.1	SHORT