

APPLICANT: Lotus Broadcasting Corp.
COORDINATES: 36-0-29 N, 115-0-20 W; ASRN 1025339
CITY, STATE: Henderson, NV
CHANNEL: 265
CLASS: A
CALLSIGN: NEW-FX
NOTE:

DATE: 2/4/2014
DB DATE: 2/4/2014

CALLSIGN	CITY	CHANNEL	ERP (kW)	LATITUDE	DIST (km)	REQ (KM)	Rule
STATUS	ST FILE #	CLASS	HAAT (m)	LONGITUDE	BRG (°)	CLR (km)	Exhibit
NEW	PEACH SPRINGS	265	2.1	35-33-17	154.09	0	74.1204 (a)
CP	AZ BNPH-20121010AAO	A	168	113-23-40.8	108.66		Figure 1
K265CJ	LAUGHLIN	265	0.12	35-15-8	87.01	0	74.1204 (a)
LIC	NV BLFT-20130711ABO	D	719.1	114-44-58	164.53		Figure 1
K264BU	MOHAVE VALLEY	264	0.25	34-54-47	125.82	0	74.1204 (a)
CP	AZ BNPFT-20130826ABF	D	0	114-38-42	164.88		Figure 1
KPKK	AMARGOSA VALLEY	266	51	36-38-33	143.49	0	74.1204 (a)
LIC	NV BLH-20030717AAO	C1	-15	116-23-53	299.9		Figure 1
NEW	LAS VEGAS	266	0.1	36-11-43.1	29.38	28	73.807 (d) (1)
APP	NV BNPL-20131104AAE	L1	4.4	115-14-10.2	315.21	1.38	
NEW	LAS VEGAS	266	0.1	36-15-17.2	33.19	28	73.807 (d) (1)
APP	NV BNPL-20131018CAA	L1	-21.1	115-12-50.6	325.75	5.19	
KXNT-FM	HENDERSON	263	100	36-0-30	0.03	0	74.1204 (d)
LIC	NV BMLH-20070406ABM	C	357	115-0-20	0		Figures 2 & 3
NEW	NORTH LAS VEGAS	267	0.1	36-15-38.94	31.76	21	73.807 (d) (1)
APP	NV BNPL-20131113BUX	L1	-9.2	115-10-16.07	332.17	10.76	
KIXF	BAKER	268	4.3	35-26-10	104.53	0	74.1204 (a)
LIC	CA BLH-19940505KE	B	403	115-55-25	232.77		Figure 1
NEW	LAS VEGAS	268	0.25	35-57-21	44.52	0	74.1204 (d)
APP	NV BNPFT-20130826AEK	D	0	115-29-42	262.63		Figure 3
NEW	LAS VEGAS	268	0.055	35-56-45	7.72	0	74.1204 (d)
APP	NV BNPFT-20130826AEK	D	0	115-2-38	206.51		Figures 3 & 4

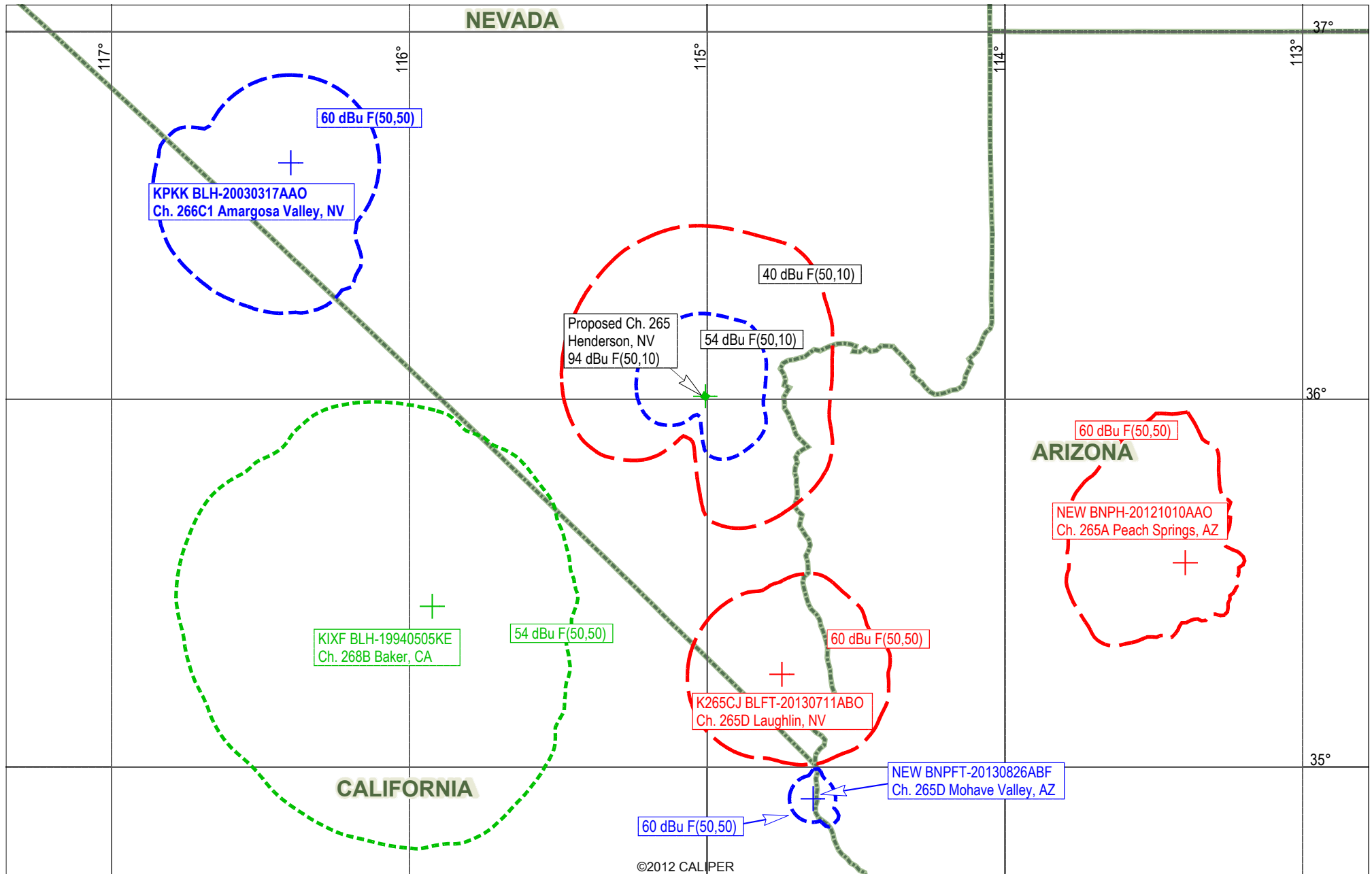
LIST OF FIGURES

Figure 1 - Interference protection compliance pursuant to 74.1204(a) - Contour method demonstrates no prohibited overlap.

Figure 2 - Interference protection compliance to KXNT-FM per 74.1204(d) - Ratio method demonstrates no actual interference will occur.

Figure 3 - Interference protection compliance to 2nd & 3rd adjacent channel stations per 74.1204(d) - No actual interference will occur due to lack of population.

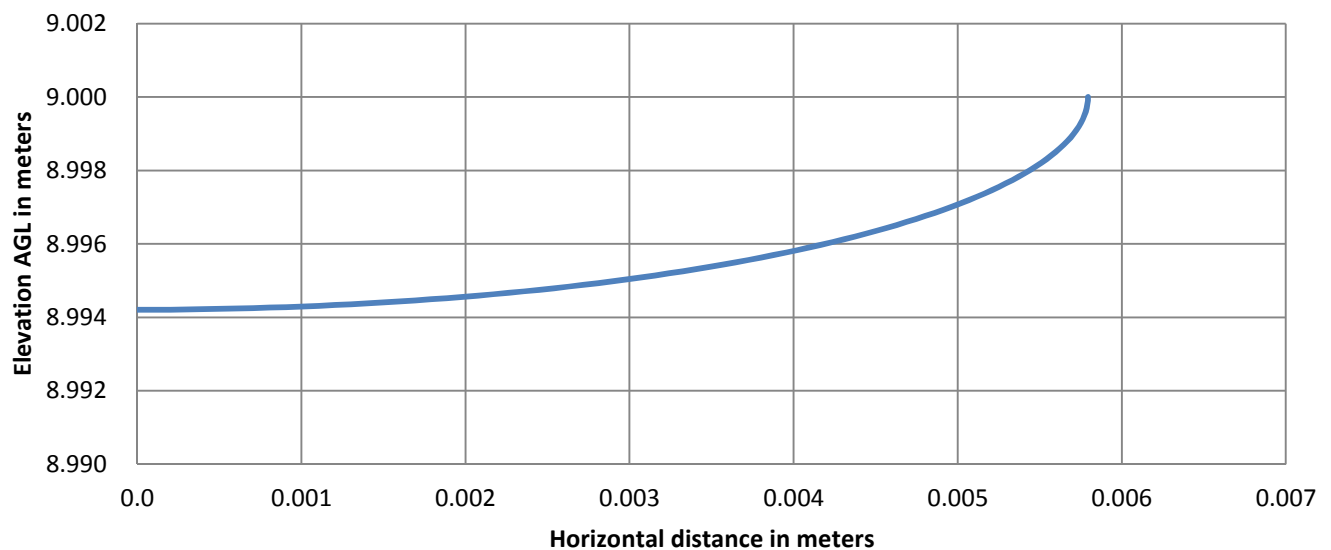
Figure 4 - Non-mutual exclusivity showing re: BNPFT-20130826AEK Amendment.



INTERFERENCE PROTECTION COMPLIANCE PURSUANT TO SECTION 74.1204(d)

Proposed facility:	NEW	Affected station:	KXNT-FM
Channel:	265	Channel:	263
Facility ID:	147567	FCC file number:	BMLH-20070406ABM
Latitude(DD-MM-SS.S):	36-00-29.0	Latitude(DD-MM-SS.S):	36-00-30.0
Longitude(DDD-MM-SS.S):	115-00-20.0	Longitude(DDD-MM-SS.S):	115-00-20.0
ERP:	0.035 kW	Distance to NEW:	0.031 km
RCAGL:	9.0 m	Predicted field strength at 180°:	157.1 dBu
Antenna type:		Undesired-to-desired ratio:	40 dB

Proposed Facility: 197.1 dBu IX Contour



Depression Angle θ (°)	Relative Field	ERP (Watts)	Distance to IX Contour (m) Free Space Equation	Horizontal Distance to IX Contour (m)	Elevation of IX Contour AGL (m)
90	1.000	35.000	0.00579	0.00000	8.99421
85	1.000	35.000	0.00579	0.00051	8.99423
80	1.000	35.000	0.00579	0.00101	8.99429
75	1.000	35.000	0.00579	0.00150	8.99440
70	1.000	35.000	0.00579	0.00198	8.99455
65	1.000	35.000	0.00579	0.00245	8.99475
60	1.000	35.000	0.00579	0.00290	8.99498
55	1.000	35.000	0.00579	0.00332	8.99525
50	1.000	35.000	0.00579	0.00372	8.99556
45	1.000	35.000	0.00579	0.00410	8.99590
40	1.000	35.000	0.00579	0.00444	8.99628
35	1.000	35.000	0.00579	0.00475	8.99668
30	1.000	35.000	0.00579	0.00502	8.99710
25	1.000	35.000	0.00579	0.00525	8.99755
20	1.000	35.000	0.00579	0.00545	8.99802
15	1.000	35.000	0.00579	0.00560	8.99850
10	1.000	35.000	0.00579	0.00571	8.99899
5	1.000	35.000	0.00579	0.00577	8.99949
0	1.000	35.000	0.00579	0.00579	9.00000



Google earth

feet
meters

1000
500



FIGURE 3
INTERFERENCE PROTECTION COMPLIANCE
to second & third adjacent channel
stations per 74.1204(d)

