

## PRECLUSION SHOWING

### PROPOSED FM TRANSLATOR

**Call Sign:**  
**Community:**  
**Tech Box Proposal:**  
**Minor Modification:**  
**Transmit Channel:**  
**Maximum distance to 60 dBu contour (km):**  
**Antenna Location NAD27:**  
**Latitude:**  
**Longitude:**

NEW-T			
Henderson, NV			
BNPFT-20030314BIR			
YES			
265	100.9 MHz		
18.2	Calculated in accordance with Section 74.1204(b)		
ddd	mm	ss.s	
36	00	29.0	36.0080556
115	00	20.0	115.0055556

### PRECLUSION SHOWING SUMMARY

**Affected Appendix A Market:**  
**Rank / FCC Designation:**  
**LPFM Official Coordinates NAD27:**  
**Embedded (Parent) Market:**  
**Translator Proximity to Market Grid:**  
**Grid Test:**  
**Top-50 Site Test:**

Las Vegas		
32	/	Spectrum Limited (30 min.)
36-11-39		115-13-19
None		
Antenna location within grid area		
Required		
Not Required - See Figure 1		

### LPFM CHANNEL AVAILABILITY ANALYSIS

#### LPFM6 Analysis Settings:

Study Area Grid Size:  
 Co-Channel and 1st Adjacent:  
 2nd Adjacent Channel:  
 3rd Adjacent Channel:  
 I.F. Channels:  
 TV Channel 6:  
 CP Records:  
 APP Records:  
 FM Translators:  
 TV Channel 6 Translator/LP:  
 Auc83 FX App. Records:

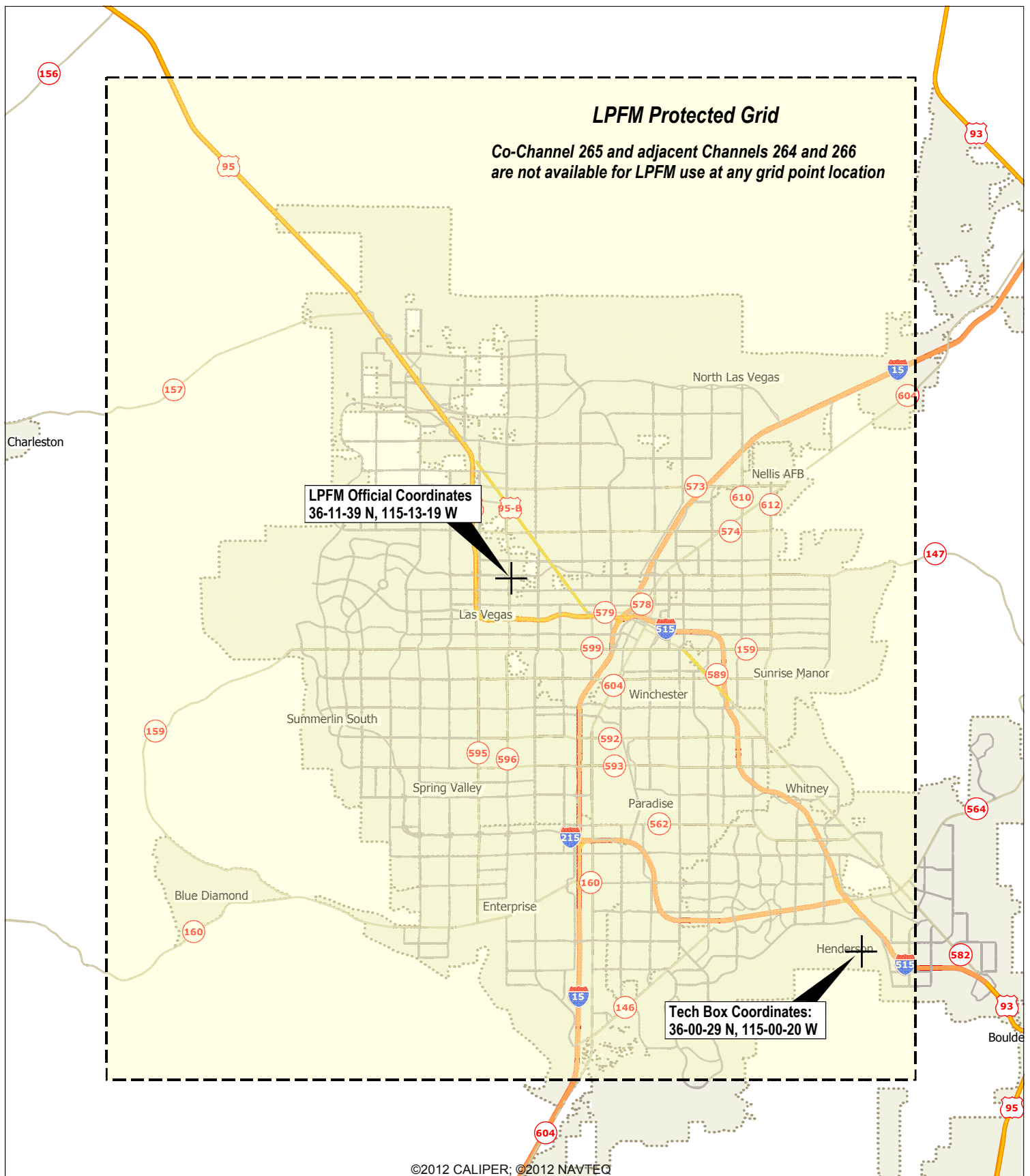
31	X	31
Protected		
Not Protected		
Not Protected		
Not Protected		
Protected		
Protected		
Protected		
Protected		
Protected		
Not Protected		
See Figure 2		

#### LPFM6 Analysis Results:

### GRID TEST

#### Evaluate Spacing to Available LPFM Channel/Point Combinations:

Study Results: *PASS - Channels 264, 265, and 266 are not available for LPFM use within the protected grid area.*



**FIGURE 1**  
**ANTENNA LOCATION**  
**WITHIN LAS VEGAS PROTECTED GRID**  
**TOP-50 TRANSMITTER SITE TEST NOT REQUIRED**  
**NEW-T CH. 265 HENDERSON, NEVADA**  
**LOTUS BROADCASTING CORP.**

April 2013

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LAS VEGAS, NV
Latitude 36-11-39
Longitude 115-13-19
Grid Size 31 x 31
Micro FM 100 Watts at 30m HAAT
Co-Channel and 1st Adjacent Protected
2nd Adjacent Channel Not Protected
3rd Adjacent Channel Not Protected
I.F. Not Protected
TV Channel 6 Protected
CP Records Protected
APP Records Protected
FM Translators Protected
TV Channel 6 Translators/LP Protected
Auc83 FX App Records Not Protected

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Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail
200	0	220	0	240	596	260	200	280	961
201	0	221	0	241	0	261	391	281	0
202	0	222	0	242	0	262	0	282	0
203	0	223	0	243	0	263	0	283	0
204	0	224	0	244	92	264 (-1)	0	284	3
205	0	225	0	245	0	265 (Co)	0	285	0
206	0	226	0	246	0	266 (+1)	0	286	0
207	0	227	0	247	0	267	0	287	0
208	0	228	92	248	0	268	366	288	9
209	0	229	286	249	0	269	0	289	0
210	0	230	0	250	465	270	0	290	0
211	0	231	0	251	393	271	0	291	0
212	0	232	0	252	0	272	12	292	0
213	0	233	78	253	0	273	0	293	0
214	0	234	22	254	0	274	0	294	0
215	0	235	335	255	359	275	0	295	370
216	0	236	653	256	0	276	508	296	602
217	0	237	0	257	0	277	0	297	0
218	0	238	0	258	0	278	0	298	0
219	0	239	0	259	24	279	0	299	0
								300	0
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Total	6817								