

KUDD-FM1 Minor Modifications to Licensed Facility

Salt Lake City, UT

Application Overview:

The Applicant proposes a modification to licensed facility KUDD-FM1 File Number BLFTB-20090414AGR using the following parameters:

Tech Box:

Channel: 300

Antenna Coordinates: N40-48-29, W111-53-23 (NAD 27)

ASRN: Applied at FAA

Tower Site Base AMSL: 1810 m

Overall Tower Height AGL: 21.3 m

COR AGL: 17 m

ERP: 2.1 kW

Directional Antenna: Yes - See figure 1a (Rotated 130 degrees)

Primary Station and Booster Protected Contour Relationship:

Exhibit 2 demonstrates that the proposed booster facility's protected contour is completely encompassed by the protected contour of the primary station being rebroadcast.

Interference Study:

A contour overlap study was conducted demonstrating that the proposed antenna site provides requisite contour protection towards all applications, authorizations, and permits pursuant to Section 74.1204.

Proposed Booster to Combine into a Shared Antenna:

The signal of the proposed booster is to be combined into an antenna contemporaneously proposed for use by the following station(s):

- KZNS-FM4 Salt Lake City, UT (see Contemporaneously Proposed)
- KYMV-FM2 Salt Lake City, UT (see Contemporaneously Proposed)
- KEGA-FM3 Salt Lake City, UT (see Contemporaneously Proposed)
- KLO-FM2 Salt Lake City, UT (see Contemporaneously Proposed)
- KBMG-FM2 Salt Lake City, UT (see Contemporaneously Proposed)
- KNIV-FM3 Salt Lake City, UT (see Contemporaneously Proposed)

Therefore, the applicant agrees to make sufficient measurements to establish that the operation of the booster is in compliance with the spurious emissions requirements of 47 C.F.R.

Sections 73.317(b) through 73.317(d). All measurements will be made with all stations simultaneously into the combined antenna and will be submitted to the Commission along with the FCC Form 350 application for license.

Proposed Booster Located Below Other Directional Antennas:

Since the proposed booster antenna is located below the contemporaneously proposed facilities of KDUT-FM2 facilities on the tower, it will have no effect on the antenna pattern of KDUT-FM2 and the instantly proposed facility has taken into account the KDUT-FM2 feedline passing through its aperture in creating the instantly proposed antenna azimuth pattern.

Downward Radiation Study (Measure Upon Construction)

Due to the fact that several existing and proposed emitters are located at or near the site, the applicant agrees to conduct a Radiofrequency Electromagnetic Field survey at the site upon construction of the proposed facility to ensure that any areas at ground level that exceed the Commission's exposure guideline values are appropriately marked and fenced. The results of the survey will be provided with the application for license.

Even though the site will fully comply with the Uncontrolled Site Standards, access to the transmitting site will be restricted and appropriately marked with warning signs. When it becomes necessary for workers to ascend the tower, appropriate measures, such as reduction or shut down of power if necessary, shall be taken to ensure that the human exposure to radiofrequency radiation will not exceed the FCC guidelines.

Existing Tower:

The proposed facility is exempt from environmental processing because the facility is not located at a location specified in Section 1.1307(a)(1)-(8) of the Commission's Rules and since the tower in question already exists.

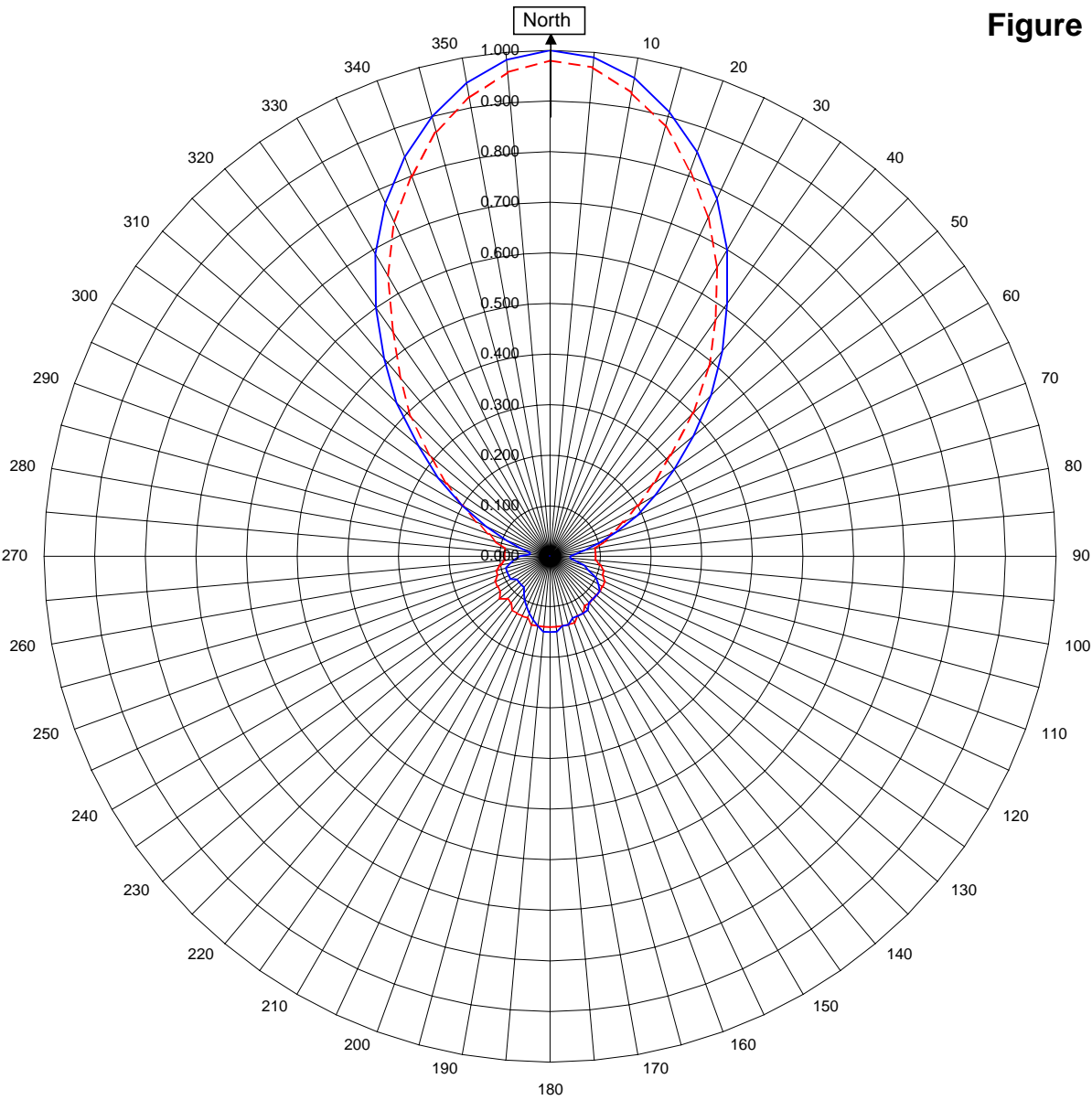


Map Scale: 1:483490 1 cm = 4.83 km V/H Size: 102.93 x 86.27 km

Shively Labs

Shively Labs, a division of Howell Laboratories, Inc. Bridgton, ME (207)647-3327

Figure 1a



SLC Boosters

52869

October 6, 2008

Horizontal RMS	0.420
Vertical RMS	0.404
H/V Composite RMS	0.423

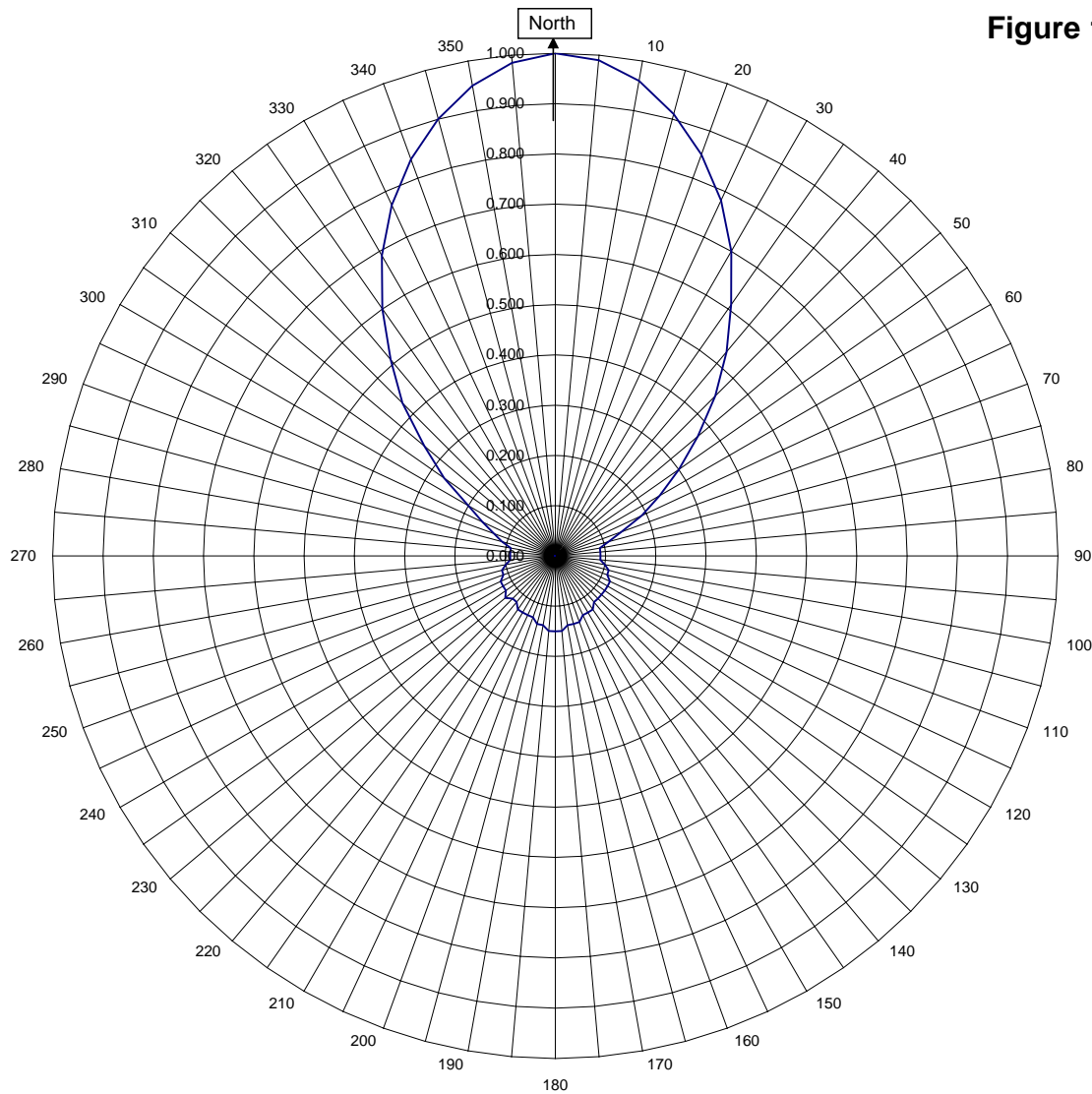
Frequency	FM / #VALUE! mHz
Plot	Relative Field
Scale	4.5 : 1
See Figure 2 for Mechanical Details	

Antenna Model	6016-1/1 Special
Pattern Type	Directional Azimuth

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Figure 1b



SLC Boosters

52869
October 6, 2008

 H/V Composite RMS	0.423
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Frequency	FM / #VALUE! MHz
Plot	Relative Field
Scale	4.5 : 1
See Figure 2 for Mechanical Details	

Antenna Model	6016-1/1 Special
Pattern Type	Directional H/V Composite

Figure 1a

Tabulation of Horizontal Azimuth Pattern
SLC Boosters

Azimuth	Rel Field	Azimuth	Rel Field
0	1.000	180	0.150
10	0.960	190	0.140
20	0.850	200	0.120
30	0.700	210	0.100
40	0.530	220	0.080
45	0.450	225	0.080
50	0.370	230	0.080
60	0.240	240	0.090
70	0.140	250	0.090
80	0.070	260	0.080
90	0.040	270	0.060
100	0.050	280	0.040
110	0.080	290	0.090
120	0.110	300	0.200
130	0.120	310	0.340
135	0.120	315	0.430
140	0.120	320	0.510
150	0.130	330	0.690
160	0.130	340	0.840
170	0.140	350	0.950

Figure 1b

Tabulation of Vertical Azimuth Pattern
SLC Boosters

Azimuth	Rel Field	Azimuth	Rel Field
0	0.980	180	0.140
10	0.930	190	0.140
20	0.810	200	0.130
30	0.660	210	0.130
40	0.490	220	0.120
45	0.400	225	0.120
50	0.310	230	0.130
60	0.200	240	0.120
70	0.130	250	0.110
80	0.090	260	0.100
90	0.090	270	0.090
100	0.100	280	0.090
110	0.110	290	0.130
120	0.120	300	0.200
130	0.120	310	0.310
135	0.120	315	0.390
140	0.120	320	0.460
150	0.130	330	0.640
160	0.140	340	0.800
170	0.140	350	0.920

Figure 1c

Tabulation of Composite Azimuth Pattern
SLC Boosters

Azimuth	Rel Field	Azimuth	Rel Field
0	1.000	180	0.150
10	0.960	190	0.140
20	0.850	200	0.130
30	0.700	210	0.130
40	0.530	220	0.120
45	0.450	225	0.120
50	0.370	230	0.130
60	0.240	240	0.120
70	0.140	250	0.110
80	0.090	260	0.100
90	0.090	270	0.090
100	0.100	280	0.090
110	0.110	290	0.130
120	0.120	300	0.200
130	0.120	310	0.340
135	0.120	315	0.430
140	0.120	320	0.510
150	0.130	330	0.690
160	0.140	340	0.840
170	0.140	350	0.950