KXLI-FM2 (CP)

CP Modification Application, File # 0000160861

This technical statement and attached exhibits have been prepared on behalf of Radio Activo, LLC, Licensee of station KXLI (FM), Channel 233C, Moapa, NV, Facility identifier 164097 and the construction permit for KXLI-FM2, Facility ID 762666, to modify the Construction Permit, file Number 0000160861. This application seeks to modify the CP to a different location serving East Las Vegas, NV.

FACILITIES REQUESTED

The requested facility will operate within the 60dBu contour of KXLI. The antenna proposed is a Jampro Java 1-1(2), single-level log-periodic antenna. The elements will be rotated 45 degrees from vertical to achieve slant H+V polarization. The Azimuth Pattern is attached as Exhibit C.

TECHNICAL SPECIFICATIONS

Booster Location:	East Las Vegas
ASR	1285635
Geographic Coordinates (NAD83):	36˚ 12’ 37.7” N, 115˚ 03’ 36” W
Channel:	233C (94.5 MHz)
Effective Radiated Power:	0.085 kW (H+V)
Antenna Type, Pattern:	Jampro Java 1-1 (2) Slant 45
Site Height AMSL	555.3m
Tower AGL	24.4m
Antenna Height :	
AGL:	23m
Above mean sea level:	578.3m

As shown in Exhibit A the 60dBu contour of the booster will fall inside the 60dBu contour of KXLI and is thus compliant with 74.1232(f). As shown in Exhibit C, the first adjacent interfering contours of the proposed booster are within the KXLI first-adjacent interfering contours.

There are no IF issues with any other facilities from this location.

ENVIRONMENTAL CONSIDERATIONS

The Booster will be attached to an existing tower, ASR 1285635. Because there will be no modifications to this tower, it is exempt from environmental processing under CFR Section 1.1306.

The proposed KXLI booster antenna will be located at 23 meters AGL on the tower and will be combined with the proposed KADD booster. The closest antenna type for analysis is an EPA Type 2 antenna. As such, the estimated RF at 2m AGL is expected to be 3.1μW/cm², or less than 2% of the maximum allowable 200μW/cm² NIER. There are no other non-excluded RF sources on this tower and is thus exempt from further environmental assessment under 47CFR 1.1306 and 1.1307.

The applicant agrees to reduce power or cease operations when it becomes necessary if workers are near the antenna to ensure that they will not be exposed to levels of radiofrequency electromagnetic radiation that exceed FCC guidelines.

CERTIFICATION

The undersigned hereby certifies that the foregoing statement and associated attachments were prepared by him or under his direct supervision and that they are true and correct to the best of his knowledge and belief.

Bert S. Goldman
Goldman Engineering Management

EXHIBIT A- 74.1232(f)- Booster Vs Main 60dBu Contours

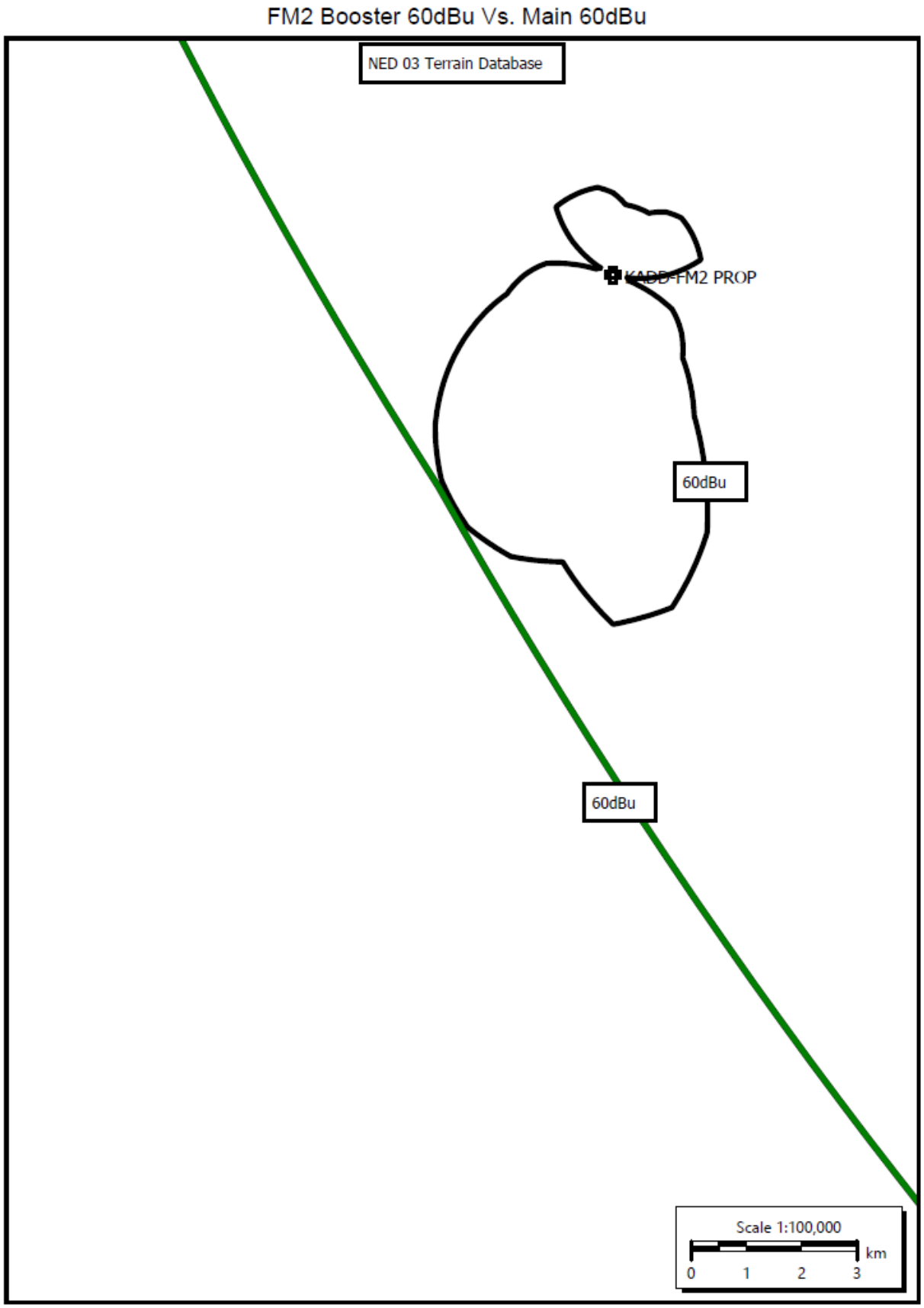
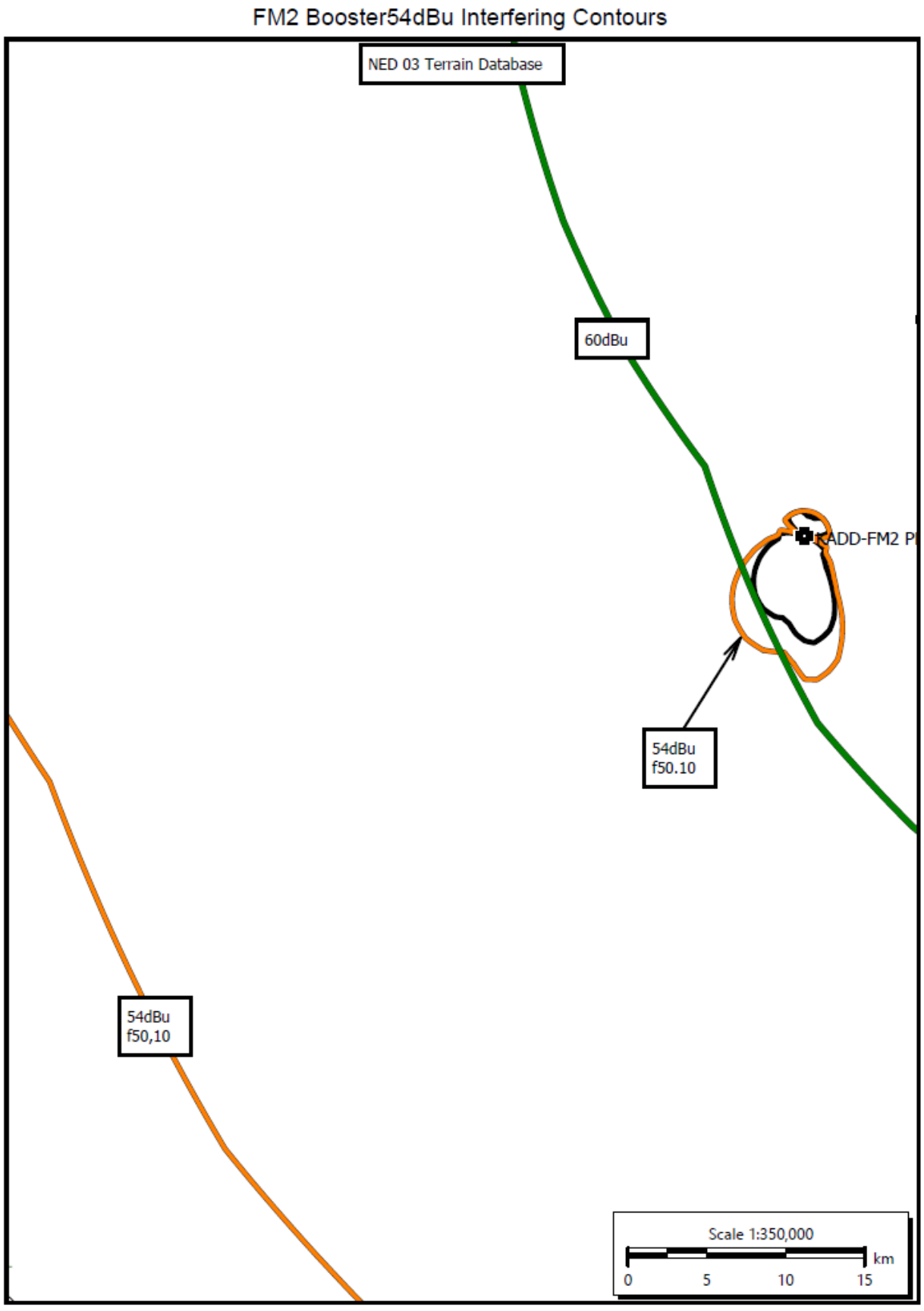
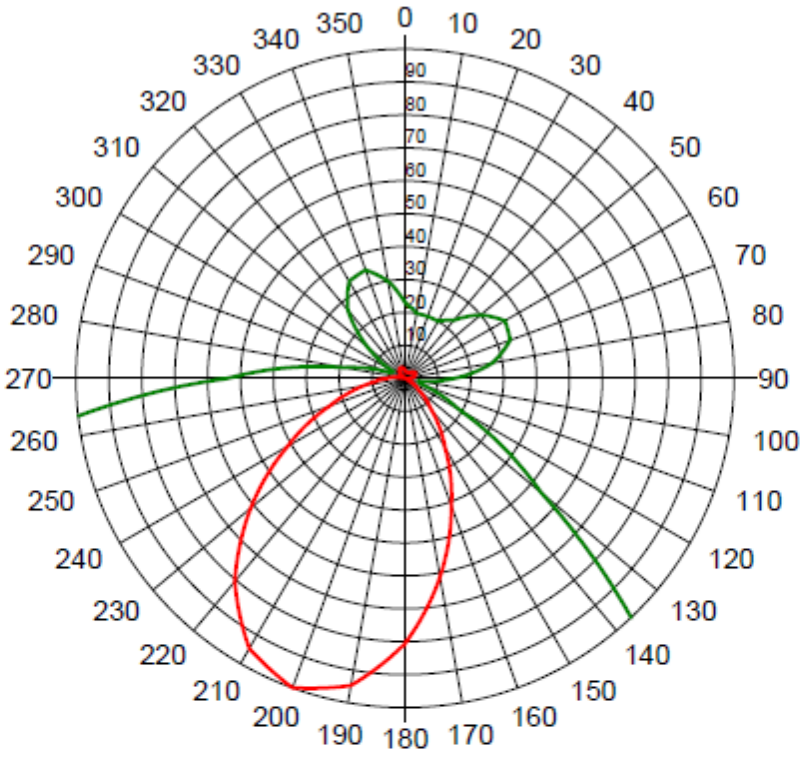


EXHIBIT B- First Adjacent Contour Comparison



KADD/ KXLI- 2 Antenna Pattern



Azi	Rel	dBk	kW	dB
0	0.023	-43.47	0.000	-32.77
10	0.020	-44.69	0.000	-33.98
20	0.020	-44.69	0.000	-33.98
30	0.020	-44.69	0.000	-33.98
40	0.023	-43.47	0.000	-32.77
50	0.030	-41.16	0.000	-30.46
60	0.035	-39.82	0.000	-29.12
70	0.034	-40.08	0.000	-29.37
80	0.027	-42.08	0.000	-31.37
90	0.015	-47.18	0.000	-36.48
100	0.004	-58.66	0.000	-47.96
110	0.005	-56.73	0.000	-46.02
120	0.019	-45.13	0.000	-34.42
130	0.054	-36.06	0.000	-25.35
140	0.124	-28.84	0.001	-18.13
150	0.243	-22.99	0.005	-12.29
160	0.412	-18.41	0.014	-7.70
170	0.612	-14.97	0.032	-4.26

Azi	Rel	dBk	kW	dB
180	0.805	-12.59	0.055	-1.88
190	0.947	-11.18	0.076	-0.47
200	1.000	-10.71	0.085	0.00
210	0.947	-11.18	0.076	-0.47
220	0.805	-12.59	0.055	-1.88
230	0.612	-14.97	0.032	-4.26
240	0.412	-18.41	0.014	-7.70
250	0.243	-22.99	0.005	-12.29
260	0.124	-28.84	0.001	-18.13
270	0.054	-36.06	0.000	-25.35
280	0.019	-45.13	0.000	-34.42
290	0.005	-56.73	0.000	-46.02
300	0.004	-58.66	0.000	-47.96
310	0.015	-47.18	0.000	-36.48
320	0.027	-42.08	0.000	-31.37
330	0.034	-40.08	0.000	-29.37
340	0.035	-39.82	0.000	-29.12
350	0.030	-41.16	0.000	-30.46

Rotation Angle = 0