

**Goldman Engineering Management  
Auburn, CA**

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**LICENSE MODIFICATION APPLICATION**

**WXRV-FM5**

This application is being filed by Beanpot License Corp, licensee of WXRV (FM) and WXRV-FM5 in order to relocate WXRV-FM5 1.6km to a different transmit location on One Financial Center (ASR 1004488) and locate on the same antenna mount as co-owned W243DC.

Exhibit B is an analysis of the grandfathered interference to short-spaced first adjacent WPRO-FM (222B) using the proposed WXRV-FM5 facility and demonstrates that there will be no impermissible interference generated as a result of the proposed relocation of WXRV-FM5.

**FACILITY PROPOSED**

Location (NAD83)	43° 21' 08.1" N Latitude, 71° 03' 22.6" W Longitude
Channel	223D (92.5MHz)
Tower Overall AGL Height-	208.1m
Tower ASR	1004488
Proposed Antenna	Shively 6025-1 Slant
Antenna AGL Height-	186m
Site AMSL Height-	4.9m
COR AMSL Height	190.9m
ERP	0.06kW -directional- Exhibit A

## ENVIRONMENTAL COMPLIANCE

The proposed WCRV-FM5 will be operating with 60 watts peak ERP. Because of the low power, the facility is exempt from further evaluation based upon 47C.F.R 1.1307(B)(3)(C).

The proposed antenna will be located on the roof of a building and attached to an existing pole holding co-owned W243DC, and mounted 2 meters under that antenna. Based upon the above evaluation, it is believed that the proposed facility is in compliance with all environmental requirements.

## CERTIFICATION

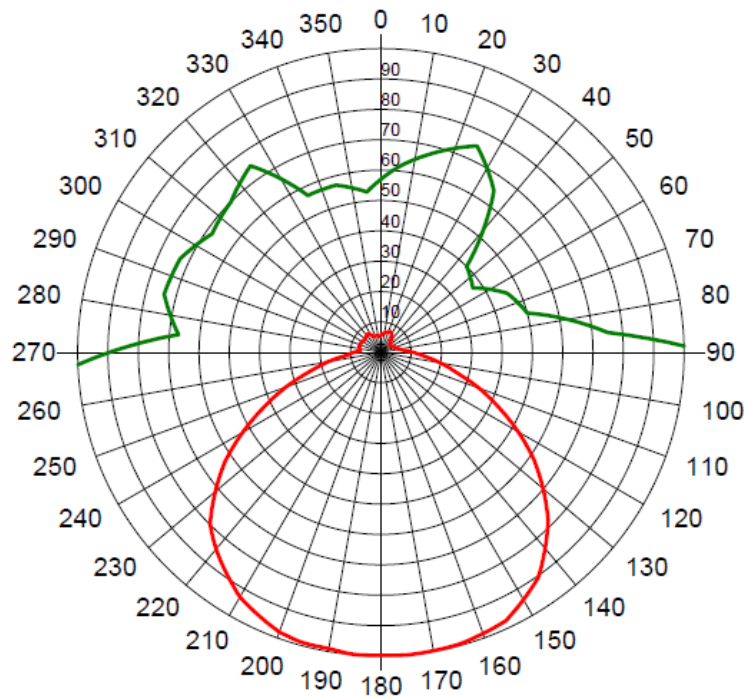
The undersigned hereby certifies that the foregoing statement and associated attachments were prepared by him or under his direct supervision, and that they are true and correct to the best of his knowledge and belief.



Bertram S. Goldman  
Goldman Engineering Management

# EXHIBIT A- ANTENNA PATTERN

## WXRV-FM5 PROP pattern



Azi	Rel	dBk	kW	dB	Azi	Rel	dBk	kW	dB
0	0.057	-37.10	0.000	-24.88	180	0.998	-12.24	0.060	-0.02
10	0.065	-36.03	0.000	-23.81	190	0.990	-12.31	0.059	-0.09
20	0.072	-35.13	0.000	-22.91	200	0.980	-12.39	0.058	-0.18
30	0.070	-35.32	0.000	-23.10	210	0.930	-12.85	0.052	-0.63
40	0.053	-37.82	0.000	-25.60	220	0.846	-13.67	0.043	-1.45
50	0.039	-40.51	0.000	-28.29	230	0.713	-15.16	0.030	-2.94
60	0.042	-39.86	0.000	-27.64	240	0.526	-17.80	0.017	-5.58
70	0.048	-38.59	0.000	-26.38	250	0.333	-21.78	0.007	-9.56
80	0.063	-36.30	0.000	-24.08	260	0.177	-27.28	0.002	-15.07
90	0.108	-31.55	0.001	-19.33	270	0.090	-33.18	0.000	-20.96
100	0.200	-26.22	0.002	-14.00	280	0.071	-35.25	0.000	-23.04
110	0.344	-21.50	0.007	-9.28	290	0.074	-34.89	0.000	-22.67
120	0.523	-17.86	0.016	-5.64	300	0.071	-35.25	0.000	-23.04
130	0.698	-15.34	0.029	-3.12	310	0.069	-35.44	0.000	-23.22
140	0.843	-13.71	0.043	-1.49	320	0.073	-35.01	0.000	-22.79
150	0.940	-12.76	0.053	-0.54	330	0.066	-35.83	0.000	-23.61
160	0.985	-12.35	0.058	-0.13	340	0.057	-37.10	0.000	-24.88
170	0.998	-12.24	0.060	-0.02	350	0.055	-37.41	0.000	-25.19

Rotation Angle = 0

## EXHIBIT B- INTERFERENCE STUDY TO WPRO-FM

### WXRV-FM5 PROP Vs. WPRO Interference Free Contour

