

**October 2009
New(FM) Channel 238A
Twentynine Palms Base, CA
Allocation Study**

Channel 238A Transmitter Site

The attached spacing study shows that the proposed transmitter site meets the co-channel and adjacent channel spacing requirements for Class A stations as prescribed in §73.207 of the Commission's Rules, with the exception of a short-spacing to KLOS on Channel 238B at Los Angeles. Processing pursuant to §73.215 of the Commission's Rules is requested with respect to KLOS, and the attached allocation study map exhibit is included to demonstrate the lack of prohibited contour overlap with that facility.

Hatfield & Dawson Consulting Engineers

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SEARCH PARAMETERS FM Database Date: 090921

Channel: 238A 95.5 MHz Page 1
 Latitude: 34 9 15
 Longitude: 116 12 5
 Safety Zone: 32 km
 Job Title: TWENTYNINE PALMS BASE 238A XMIT SITE

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
KFRGaux CP	SAN BERNARDINO CA BXPB-70412AAD	236B 95.1	1.660 146.0	34-11-52 117-17-10	273.1	100.12 0.00	0 AUX	
KFRG LIC	SAN BERNARDINO CA BMLH-70326ACS	236B 95.1	50.000 149.0	34-11-51 117-17-10	273.1	100.12 31.12	69 CLEAR	
KFRG APP	SAN BERNARDINO CA BSTA-71115AAV	236B 95.1	9.100 135.0	34-11-52 117-17-10	273.1	100.12 31.12	69 CLEAR	
KFRGaux LIC	SAN BERNARDINO CA BXLH-80110ABA	236B 95.1	9.100 135.0	34-11-52 117-17-10	273.1	100.12 0.00	0 AUX	
VAC	AMBOY CA RM-10446	237A 95.3	0.000 0.0	34-36-00 115-40-52	43.8	68.82 -3.18	72 SHORT	
K237EN LIC	YUCCA VALLEY CA BLFT-71004AAA	237D 95.3	0.010 665.0	34-04-55 116-20-34	238.4	15.31 0.00	0 TRANS	
KLOS LIC	LOS ANGELES CA BLH-840702CP	238B 95.5	63.000 954.0	34-13-37 118-03-58	273.2	172.08 -5.92	178 SHORT	
ABSOLUTE MINIMUM 73.215 SPACING = 143 KM								
KLOSaux LIC	LOS ANGELES CA BMLH-70524ADX	238B 95.5	72.000 890.0	34-13-37 118-03-58	273.2	172.08 0.00	0 AUX	
KLOSaux LIC	LOS ANGELES CA BXLH-60410AES	238B 95.5	50.000 893.0	34-12-46 118-03-42	272.7	171.62 0.00	0 AUX	
K238AK LIC	PALM DESERT CA BLFT-80716AHG	238D 95.5	0.025 DA 526.0	33-48-04 116-13-28	183.1	39.22 0.00	0 TRANS	
K238BB LIC	PALM SPRINGS CA BLFT-80109AAY	238D 95.5	0.006 DA 431.0	33-51-58 116-26-05	213.9	38.54 0.00	0 TRANS	
KWNR CP	HENDERSON NV BPH-80327ACG	238C 95.5	100.000 452.0	36-00-28 115-00-21	27.5 SS	232.76 6.76	226 CLOSE	
KWNR LIC	HENDERSON NV BLH-890629KB	238C 95.5	100.000 354.0	36-00-31 115-00-22	27.5	232.83 6.83	226 CLOSE	
KAJR LIC	INDIAN WELLS CA BLH-70911ACV	240A 95.9	1.750 189.0	33-48-04 116-13-28	183.1 SS	39.22 8.22	31 CLOSE	

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KPLM-FM1 LIC	JOSHUA TREE & TWENTY CA BLFTB-90831AAL	291D	0.200 DA	34-09-16	85.1	0.36	0	
		106.1	86.0	116-11-51		0.00	BOOST	
KPLM LIC	PALM SPRINGS CA BLH-981105KC	291B	50.000	33-52-14	184.4	31.55	15	
		106.1	121.0	116-13-39		16.55	CLEAR	

44444 END OF FM SPACING STUDY FOR CHANNEL 238 44444

