

EXHIBIT 16 (Rev. A)

Contour Overlap Requirements

Statement

The proposed operation of KSPC(FM) would conform with the requirements of Section 73.509 of the Commission's Rules with respect to overlap of contours with the existing stations, construction permits and applications that require consideration, as shown in this Exhibit, with the exception described below, for which a waiver of Section 73.509 of the Rules is requested if it is deemed necessary.

Figure 1 of this Exhibit shows the contours to be considered with respect to co-channel contour overlap, for the KSPC(FM) proposed operation and KISL(FM), KQSC(FM), KYLU(FM) and two pending applications for Big Bear City, California.

The contours to be considered with respect to first adjacent channel contour overlap are shown in Figure 2 of this Exhibit, for the KSPC(FM) proposed operation and KCSN(FM), KHMS(FM), KSBK(FM), KRTM(FM), KTLW(FM), KUCI(FM) and KXLU(FM).

Figure 3 of this Exhibit shows the relationship of the contours to be considered with respect to second and third adjacent channel contour overlap, for both the present and proposed operation of KSPC(FM), and KKJZ(FM), KUCR(FM), and KPCC(FM). None of the second and third adjacent channel stations are located inside either the present or proposed KSPC(FM) 60 dBu contour. However, both the present and proposed KSPC(FM) transmitter sites are located inside the 60 dBu contour of third adjacent channel station KPCC(FM).

The transmitting facilities assumed for the FM stations included in the contour overlap studies shown in Figures 1, 2 and 3 are listed in Table A of this Exhibit.

The present operation of KSPC(FM) results in third adjacent channel contour overlap caused to KPCC(FM), on Channel 207B, in an area of 12.3 square kilometers with a population of 27,502 persons. For the KSPC(FM) proposed operation, this overlap area would decrease to 6.5 square kilometers with a population of 2,784 persons. The applicant requests waiver of the requirements of Section 73.509 of the Commission's Rules for the proposed operation of KSPC(FM), with respect to the contour overlap caused to KPCC(FM).

EXHIBIT 16 (Rev. A) (continued)

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The FM station contours shown in this Exhibit were based on data contained in the Commission's files, and were determined in accordance with the requirements of Section 73.313 of the Commission's Rules, from computerized calculations based on the NGDC 30-second terrain database and Figures 1 and 1a of Section 73.333 of the Rules. For the present operation of KSPC(FM), the contours were determined from the corrected information for the station's existing transmitting facilities provided in pending application File Number BPED-20080110AAV. Distances to the contours were calculated at azimuthal increments of five degrees, except for applications File Number BNPED-20071015DME and File Number BNPED-20071017ADA, for which the distances were calculated at azimuthal increments of one degree.

Populations shown in this Exhibit were determined by computerized calculations using block level data from the 2000 U.S. Census. Areas shown in this Exhibit were determined with a compensating polar planimeter and computation.

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Engineering Consultant

January 2008

Sierra Madre, California

EXHIBIT16 (Rev. A) (continued)

Contour Overlap Requirements

TABLE A

Broadcast Station Facilities

	Channel and Class	Station and Location, Status, File Number	Geographical Coordinates	Facilities	
				Effective Radiated Power and Antenna	Antenna Height Above Average Terrain (meters)
Co-Channel Stations	204A	Proposed KSPC(FM), Claremont, CA	N 34° 08' 33" W 117° 43' 17"	1.0 kW Directional	-13
	204A	Present KSPC(FM), Claremont, CA Application BPED-20080110AAV /1	N 34° 05' 51" W 117° 42' 35"	3.0 kW Nondirectional	-86
	204A	KISL(FM), Avalon, CA License BLED-20000713AAD	N 33° 20' 32" W 118° 19' 11"	0.2 kW Nondirectional	6
	204B	KQSC(FM), Santa Barbara, CA License BMLE-20030930AMQ	N 34° 27' 55" W 119° 40' 37"	12.0 kW Nondirectional	264
	204B	KYLU(FM), Tehachapi, CA Construction permit BPED-20061106AAJ	N 35° 27' 11" W 118° 35' 25"	0.39 kW Directional	1126
	204A	Big Bear City, CA Application BNPED-20071015DME	N 34° 14' 40" W 116° 51' 29"	0.125 kW Directional	140
	204A	Big Bear City, CA Application BNPED-20071017ADA	N 34° 14' 24" W 116° 49' 24"	4.0 kW Directional	17

EXHIBIT 16 (Rev. A) (continued)

Contour Overlap Requirements

TABLE A (continued)

Broadcast Station Facilities

	Channel and Class	Station and Location, Status, File Number	Geographical Coordinates	Facilities	
				Effective Radiated Power and Antenna	Antenna Height Above Average Terrain (meters)
First Adjacent Channel Stations	203B1	KCSN(FM), Northridge, CA License BLED-20020905AAM	N 34° 19' 10" W 118° 33' 15"	0.37 kW Directional	501
	203A	KHMS(FM), Victorville, CA License BLED-19961016KA	N 34° 36' 40" W 117° 17' 20"	0.2 kW Nondirectional	461
	203A	KSBR(FM), Mission Viejo, CA Application BMLE-20070918ACD	N 33° 30' 11" W 117° 36' 08"	0.6 kW Nondirectional	183
	205A	KRTM(FM), Temecula, CA License BLED-19901025KA	N 33° 27' 59" W 117° 08' 29"	1.15 kW Nondirectional	138
	205B	KRTM(FM), Temecula, CA Construction permit BPED-19980708MA	N 33° 22' 09" W 116° 56' 04"	0.27 kW Directional	932
	205A	KTLW(FM), Lancaster, CA License BLED-19970715KA	N 34° 51' 03" W 118° 09' 22"	5.8 kW Nondirectional	83
	205A	KUCI(FM), Irvine, CA License BLED-19930305KA	N 33° 38' 41" W 117° 50' 36"	0.2 kW Directional	-3

EXHIBIT 16 (Rev. A) (continued)

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TABLE A (continued)

Broadcast Station Facilities

	Channel and Class	Station and Location, Status, File Number	Geographical Coordinates	Facilities	
				Effective Radiated Power and Antenna	Antenna Height Above Average Terrain (meters)
First Adjacent Channel Stations (continued)	205A	KXLU(FM), Los Angeles, CA License BLED-662	N 33° 58' 16" W 118° 24' 56"	2.9 kW Nondirectional	3
	205A	Mira Loma, CA Application BNPED-20071019BCC / <u>2</u>	N 33° 59' 03" W 117° 23' 52"	4.3 kW Nondirectional	118
Second and Third Adjacent Channel Stations	201B	KKJZ(FM), Long Beach, CA License BMLED-20050207AAJ	N 33° 47' 58" W 118° 09' 43"	30.0 kW Directional	137
	202A	KUCR(FM), Riverside, CA License BMLED-20030813AEJ	N 33° 57' 58" W 117° 17' 14"	0.15 kW Directional	494
	207B	KPCC(FM), Pasadena, CA License BMLED-20011128ACS	N 34° 13' 36" W 118° 03' 58"	0.6 kW Nondirectional	891

/1 Pending application provides corrected information for the present licensed operation of KSPC(FM).

/2 This application is a spurious filing that would result in extensive contour overlap with the present licensed operation of KSPC(FM). The application is not acceptable for filing by the Commission and therefore was not taken into account in the allocation studies provided in this Exhibit.