

Channel Study

REFERENCE CH# 258C3- 99.5 MHz, Pwr= 25 kW, HAAT= -16.6 M, COR= 2120 M DISPLAY DATES
38 52 28.0 N. Average Protected F(50-50)= 22.7 km DATA 09-11-12
107 39 40.0 W. Omni-directional SEARCH 09-11-12

CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap in km)	
258C3	1496399%^	APP		197.6	12.46	38 46 03.0	25.000	124.2	47.8	141.5R	-129.0M
Hotchkiss			CO	17.6	BSFH20120323AHV	107 42 17.0	100	2007	Educational Media Foundati		
258C3	AU9310216%^VAC			197.6	12.46	38 46 03.0	25.000	124.2	47.8	141.5R	-129.0M
Hotchkiss			CO	17.6	RM11105	107 42 17.0	100	2007	Hotchkiss Communications		
258C3	1504987%^	RSV-A		181.2	54.06	38 23 15.0	25.000	113.3	38.8	141.5R	-87.4M
Colona			CO	1.2		107 40 26.0	100	2502	Educational Media Foundati		
258C3	1504804%^	APP	CX	181.2	54.06	38 23 15.0	25.000	113.3	38.7	141.5R	-87.4M
Colona			CO	1.2	BNPH20120529ALF	107 40 26.0	100	2502	Educational Media Foundati		
258C	KQMT^	LIC DC		64.8	229.32	39 43 45.0	100.000	130.7	31.0	45.1	50.0
Denver			CO	246.3	BLH20020118AAT	105 14 06.0	600	2367	Entercom Denver License, L		

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference Zone= - Zone 2, Co to 3rd adjacent.
All separation margins (if shown) include rounding
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
***affixed to 'IN' or 'OUT' values = site inside protected contour.
< = Station meets FCC minimum distance spacing for its class.
^ = Power and antenna height 'Max classed' as per Sec 73.215 protection requirements
% = Station Fails minimum 73.215 spacings. 73.215 spacings are used.

1239990

Channel = 258C3
Max ERP = 25 kW
RCAMSL = 2120 M
N. Lat. 38 52 28.0
W. Lng. 107 39 40.0

KQMT - BLH20020118AAT
(^ Max Class Parameters)
Channel = 258C
Max ERP = 100 kW
RCAMSL = 2367 M
N. Lat. 39 43 45.0
W. Lng. 105 14 06.0

