

**January 2015
KWTR(FM) Channel 209C1
Eldorado, Texas
Allocation Study**

The attached spacing study shows the co-channel and adjacent channel spacing between stations and demonstrates that the proposed operation meets the IF channel spacing requirements as prescribed in §73.207 of the Commission's Rules.

Individual stations were examined to confirm the lack of prohibited contour overlap as prescribed in §73.509 of the Commission's Rules. The attached allocation study map exhibits demonstrate requisite contour protection for the following domestic stations:

Cochannel:	KACU	209C2 Abilene (License)
First-adjacent:	KACU	208C1 Abilene (CP)
Second-adjacent:	KNAR KNCH	207A San Angelo 211C2 San Angelo

TV Channel 6

Section 73.525 of the Commission's Rules specifies a threshold distance of 196 kilometers for FM stations operating on Channel 209. There is no TV Channel 6 operation within this distance.

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SEARCH PARAMETERS FM Database Date: 150109

Channel: 209C1 89.7 MHz
 Latitude: 30 59 52
 Longitude: 100 23 43
 Safety Zone: 50 km
 Job Title: KWTR 209C1 AT 1041542

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
NEW CP	OZONA TX	BNPED-71022AML	206A 89.1	0.300 39.0	30-42-43 101-07-30	245.7	76.65 1.65	75 CLOSE
KNAR LIC	SAN ANGELO TX	BLED-60412ADG	207A 89.3	1.000 244.0	31-41-59 100-26-30	356.8	77.95 2.95	75 CLOSE
KACU CP	ABILENE TX	BPED-41027AAH	208C1 89.5	100.000 189.0	32-13-47 099-37-42	27.7	154.77 -22.23	177 SHORT
KBMM LIC	ODESSA TX	BLED-40716AAJ	208C2 89.5	25.000 163.0	31-40-35 102-21-32	292.5	201.45 43.45	158 CLEAR
KACU LIC	ABILENE TX	BLED-860616KA	209C2 89.7	33.000 66.0	32-28-34 099-42-22	21.4	176.45 -47.55	224 SHORT
K209DK LIC	BIG SPRING TX	BMLFT-80630AFL	209D 89.7	0.115 156.0	32-13-06 101-27-09	323.9	168.46 0.00	0 TRANS
KLTB LIC	BROWNFIELD TX	BLED-40319AEE	209C1 89.7	75.000 135.0	33-03-51 102-17-24	322.6	290.75 45.75	245 CLEAR
KWTR CP	ELDORADO TX	BNPED-71022BKS	209C1 89.7	100.000 98.0	31-04-09 100-32-56	298.5	16.67 -228.33	245 SHORT
KEQX LIC	STEPHENVILLE TX	BLED-50330ADV	209C3 89.7	6.000 150.0	32-07-24 097-58-48	60.7	261.07 50.07	211 CLEAR
KDLI LIC	DEL RIO TX	BLED-70207AAX	210A 89.9	1.000 52.0	29-25-24 100-54-21	195.8	181.32 48.32	133 CLEAR
VAC	ROCKSPRINGS TX	-	210A 89.9	0.000 0.0	30-00-55 100-12-33	170.7	110.37 -22.63	133 SHORT
VAC	SAN SABA TX	-	210A 89.9	0.000 0.0	31-11-40 098-43-08	81.8	161.42 28.42	133 CLEAR
KTPR LIC	SNYDER TX	BLED-21130BTA	210C2 89.9	19.000 139.0	32-45-47 100-53-08	346.9	201.16 43.16	158 CLEAR
VAC	BALLINGER TX	-	211A 90.1	0.000 0.0	31-44-18 099-56-54	27.1	92.46 17.46	75 CLEAR

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Channel: 209C1    89.7 MHz                               Page    2
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Safety Zone:  50 km
Job Title: KWTR 209C1 AT 1041542
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Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
VAC	BIG LAKE TX -		211A 90.1	0.000 0.0	31-11-37 101-27-43	282.4	104.06 29.06	75 CLEAR
KNCH LIC	SAN ANGELO TX BLED-90529ALT		211C2 90.1	6.000 250.0	31-35-21 100-31-00	350.1	66.58 -12.42	79 SHORT
VAC	SONORA TX -		211A 90.1	0.000 0.0	30-34-05 100-38-39	206.5	53.26 -21.74	75 SHORT
KVNC VAC	JUNCTION TX -		212A 90.3	0.000 0.0	30-29-19 099-46-07	133.2	82.39 7.39	75 CLOSE
NEW APP	SAN ANGELO TX BNPL-31024AKT		263L1 100.5	0.081 33.2	31-29-05 100-27-26	353.8	54.31 34.31	20 CLEAR

===== END OF FM SPACING STUDY FOR CHANNEL 209 =====





