

Engineering Statement

In Support of an Application for a Construction Permit

**KJCS(FM), Nacogdoches, TX
Channel 277C2**

KJCS Channel Spacing Study

Reference Coordinates:

North Latitude: 31-25-59

West Longitude: 94-49-03

31 25 59 N.			Class C2			Search Date
94 49 03 W.			Current rules spacings			01-30-01
----- Channel 277 -103.3 MHz -----						
Call	Ch#	City	State	Bear'	Dist'	R'qrd Margin

Community of Nacogdoches			TX	39.3	24.35	
Reference Coordinates:						
North Latitude: 31-36-11						
West Longitude: 94-39-19						
KJCS	277C1	Nacogdoches	TX	0.0	0.00	224.0 -224.00 *
KJCS	277C1	Nacogdoches	TX	40.3	21.49	224.0 -202.51 *
Of no concern:						
Licensed coordinates of instant facility						
RADD	277C2	Nacogdoches	TX	0.0	0.00	190.0 -190.00 *
Of no concern:						
Allocation coordinates for class C2 downgrade						
(Not involved in the instant application)						
RADD	277C2	Lake Charles	LA	135.9	189.72	190.0 -0.28 *
KBIU	277C2	Lake Charles	LA	136.8	191.71	190.0 1.71 *
Of note:						
Proposed modification of KBIU in another						
Application contingent upon the instant application						
RADD	278A	Centerville	TX	263.6	116.61	106.0 10.61
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KWYX.A	274C2	Jasper	TX	116.9	91.42	58.0 33.42
KWYX	274C2	Jasper	TX	116.9	91.42	58.0 33.42
AVAC	280A	Hemphill	TX	95.2	91.76	55.0 36.76
KTHP.C	280A	Hemphill	TX	96.3	93.01	55.0 38.01
961230	280A	Hemphill	TX	94.5	93.62	55.0 38.62
KXALFM	276C3	Pittsburg	TX	355.5	158.32	117.0 41.32
KIVYFM	224C2	Crockett	TX	256.8	61.97	20.0 41.97
KIXB	277C1	El Dorado	AR	41.9	266.71	224.0 42.71
KEMM	277C2	Commerce	TX	328.1	233.29	190.0 43.29
RADD	274A	Centerville	TX	260.7	102.76	55.0 47.76