

FM Commander ©V-Soft Communications® Contour-to-Contour Study

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NGDC 30 SEC DATA: 10-25-08 - Zone 2

N. Lat. 28 25 44.0 94 M CDR Contours are detailed Port O'connor TX khpo.app.vsf  
 W. Lng. 96 26 54.0 30.0 kW N CH 220. 91.9 C2 B 94.0 M HAAT Job: 10-29-08

Call	Type	Ch	Location		Azi	Dist	In	Out
<b>Ignore</b> 3 1227321	VAC	217A	Rockport	TX	232.7	74.66	32.40	42.23
KHVT	APP	217A	Palacios	TX	46.4	41.57	0.49	27.64
KBNJ	LIC	218C2	Bloomington	TX	319.8	83.32	37.79	26.48
KBNJ	APP-D	219C2	Corpus Christi	TX	228.2	131.62	21.64	24.55
KBNJ	LIC	219C3	Corpus Christi	TX	236.9	136.09	41.90	37.77
VA8855	VAC	220A	Gonzales	TX	320.9	154.21	24.70	6.36
<b>KHPO</b>	LIC-N	220A	Port O'connor	TX	0.0	0.00	<del>118.76</del>	<del>142.10</del>
KROI^	LIC	221C1	Seabrook	TX	50.4	152.58	7.23	18.52
KTNR«	LIC	221A	Kenedy	TX	285.3	143.11	105.5R	37.6M
KQVT«	LIC-Z	222A	Victoria	TX	305.9	64.69	54.5R	10.2M
KKHA«	RSV	223C3	Markham	TX	36.9	60.47	55.5R	5.0M
KKHA«	LIC	223A	Markham	TX	31.3	57.83	54.5R	3.3M
KMKS«	LIC-N	273C1	Bay City	TX	34.9	49.84	26.5R	23.3M
KMKS«	RSV	273C1	Bay City	TX	1.1	74.39	26.5R	47.9M
<b>KRIS-TV«</b>	LI-D	06Z3C	Corpus Christi	TX	236.2	136.64	153.5R	See 4-A

## FM CHANNEL STUDY EVALUATION

### NCE: CONTOUR OVERLAP // COMMERCIAL: SPACING

Contour Overlap uses actual terrain and antenna patterns

No NCE to NCE Overlap Occurs

Commercial Minimum Spacing denoted by **R**  
 Only Short Spacing is to KROI 221C1  
 No Contour Overlap Exists with KROI at Max C1 Facilities

Below Minimum Spacing (153.5 km) for NCE Ch. 220 to TV 6  
 See Fig 4-A - No Overlap Occurs (DTV on Ch. 13)

Mexican Coordination Required - Border is 281 km  
 KHPO FM previously held a CP for C3 Facilities

## FIGURE 4 - FM CHANNEL STUDY

Increase ERP from 4 kW to 30 kW



Radio Station KHPO (FM)  
 Ch. 220C2 - 30 kW at 94 m HAAT - Port O'Connor, Texas  
 October 2008