

Region 53 700MHz Plan

Appendix M (1 of 2) – Sample Propagation Maps

Region 53 understands the challenges associated with developing responsible radiation and interference studies that conform to the criteria established in the Region 53 plan. The following sample studies have been provided to assist applicants with developing propagation studies which conform to the criteria established in the Region 53 700 MHz plan.

The sample studies assume three simulcast radio sites located within Bexar County, TX. The following table summarizes the frequencies under consideration in the sample study as well as the co-channel and adjacent-channel CAPRAD allocations. Co-channel and adjacent-channel CAPRAD allocations for each frequency can be found in the CAPRAD database using the ‘Reports’ tool.

	Channel Number	Co-Channel				Adjacent Channel
		Region 53	Region 49	Region 50	Region 51	Region 53
1	17-18 (769.10625 MHz)	Maverick Nueces Starr	Bell	Brewster Hudspeth Mason Midland Nolan	Harris	Bee Cameron Edwards Frio Lavaca
2	57-58 (769.35625 MHz)	Lavaca Maverick Nueces Zapata	Llano Milam	Brewster Callahan Hudspeth Knox Midland Sutton	Harris	Calhoun Duval Karnes Real Willacy
3	121-122 (769.75625 MHz)	Dimmit Nueces Starr Victoria	Williamson	Dawson Mason Pecos Shackelford Tom Green	Harris	Bee Kerr Willacy