

KGRW Proposed Move to 34-38-45 102-43-3 Spacing Study

Callsign	State	City	Freq	Channel	ERP_w	Class	Status	Distance_k	Sep	Clr
KBIM-FM	NM	ROSWELL	94.9	235	210	C	APP	215.38	188	27.4
KBIM-FM	NM	ROSWELL	94.9	235	100000	C	LIC	203.38	188	15.4
KFMX-FM TX		LUBBOCK	94.5	233	100000	C1	LIC	148.64	158	-9.4
KGRW	TX	FRIONA	94.7	234	48000	C2	LIC	20.9	190	-169
KMXJ-FM TX		AMARILLO	94.1	231	500	C	LIC	91.32	105	-14
KMXJ-FM	TX	AMARILLO	94.1	231	100000	C	LIC	113.03	105	8
MM-FM111TX		HALE CENTER	95.1	236	0	C1		116.75	79	37.7
MM-FM111TX		HALE CENTER	95.1	236	0	C1		116.75	79	37.7
NEW	TX	HALE CENTER	95.1	236	100000	C1	CP MO	106	79	27

The proposed facility will be 76 m AGL with 67 m HAAT and have an ERP of 48Kw.

KGRW is short space -9.4Km to KFMX-FM. This short spacing is delt with under 73.215.
A 73.215 Spacing Study is included.

KMXJ-FM Aux is short spaced to the proposed transmitter site. It does not require protection.

This proposed move meets all spacing and interference protections

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