

# KJIH SITE CHANGE MAXIMUM RADIATION STUDIES

VHF Low Band FM, Maximum Effective Radiated Power  
 For KJIH, at 39-20-27 96-31-06 Rad Ctr: 474 meters AMSL  
 Based on 1 degree study near direct line between sites  
 with data stored at nearest 5 degree azimuth.

Azimuth	Max ERP	Station	Contour	KJIH	
95	27.0	KAWR	40	60	F(50,10)
100	20.4	KAWR	40	60	F(50,10)
105	17.8	KAWR	40	60	F(50,10)
110	16.4	KAWR	40	60	F(50,10)
115	5.3	KAWR	60	40	F(50,50)
120	4.2	KAWR	60	40	F(50,50)
125	4.4	KAWR	60	40	F(50,50)
130	8.1	KAWR	60	40	F(50,50)
135	22.1	KAWR	40	60	F(50,10)
140	36.4	KAWR	40	60	F(50,10)
145	69.7	KAWR	40	60	F(50,10)

Azimuth	Max ERP	Station	Contour	KJIH	
100	134.4	KBUZ	60	100	F(50,50)
105	92.2	KBUZ	60	100	F(50,50)
110	59.8	KBUZ	60	100	F(50,50)
120	44.0	KBUZ	60	100	F(50,50)
125	69.2	KBUZ	100	60	F(50,10)
130	42.5	KBUZ	60	100	F(50,50)
135	51.6	KBUZ	100	60	F(50,10)
140	55.3	KBUZ	60	100	F(50,50)
145	77.8	KBUZ	60	100	F(50,50)
155	118.0	KBUZ	60	100	F(50,50)
160	161.6	KBUZ	60	100	F(50,50)