

05-23-2006 30 Sec. Terrain Data

KAKO BLED20060310AEC
 Channel = 217C1
 Max ERP = 100 kW
 RCAMSL = 444 M
 N. Lat = 35 13 36
 W. Lng = 96 55 42

KVAZ
 Channel = 218C3
 Max ERP = 3.8 kW
 RCAMSL = 456 M
 N. Lat = 35 32 58
 W. Lng = 95 58 25

Protected
 60 dBu

Interfering
 54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
050.0	020.2500	0117.8	040.0	259.9	003.8000	0215.3	056.9	52.9
051.0	019.5806	0118.5	039.9	259.2	003.8000	0215.8	056.7	53.0
052.0	018.9225	0119.3	039.7	258.5	003.8000	0215.8	056.5	53.1
053.0	018.2756	0120.3	039.5	257.8	003.8000	0216.6	056.4	53.2
054.0	017.6400	0122.0	039.4	257.1	003.8000	0217.6	056.2	53.3
055.0	017.0156	0124.2	039.4	256.5	003.8000	0218.9	055.9	53.4
056.0	016.4025	0126.6	039.4	255.8	003.8000	0218.9	055.7	53.5
057.0	015.8006	0128.6	039.4	255.1	003.8000	0220.4	055.5	53.7
058.0	015.2100	0130.1	039.2	254.4	003.8000	0221.6	055.4	53.7
059.0	014.6306	0131.1	039.1	253.7	003.8000	0221.6	055.4	53.7
060.0	014.0625	0132.0	038.8	252.9	003.8000	0222.7	055.5	53.8
061.0	013.5056	0133.2	038.7	252.2	003.8000	0223.1	055.5	53.8
062.0	012.9600	0134.6	038.5	251.5	003.8000	0222.9	055.6	53.7
063.0	012.4256	0136.1	038.3	250.8	003.8000	0222.9	055.6	53.7
064.0	011.9025	0137.4	038.1	250.1	003.8000	0222.3	055.7	53.6
065.0	011.3906	0138.5	037.9	249.4	003.8000	0221.8	055.9	53.6
066.0	010.8900	0139.3	037.7	248.7	003.8000	0221.8	056.1	53.5
067.0	010.4006	0139.8	037.3	248.0	003.8000	0221.8	056.4	53.3
068.0	009.9225	0140.3	037.0	247.3	003.8000	0222.5	056.8	53.2
069.0	009.4556	0141.0	036.7	246.7	003.8000	0222.5	057.1	53.1
070.0	009.0000	0141.7	036.4	246.1	003.8000	0223.2	057.4	53.0

FM Over Calculation

At no point on the KAKO 60 dBu (Protected) contour does KVAZ deliver more than 54 dBu (Interfering).

Attachment #15C
\$73.509 Clearance to KAKO
KVAZ (FM)
 Channel 218C3 – 91.5 MHz
 3.8 kW ERP – 247 m HAAT
 Henryetta, Oklahoma
 May 2006

BROMO BROADCAST
 TECHNICAL CONSULTANTS
COMMUNICATIONS