

02-23-2010

Larry Waggoner

FM Study for: KTHF FCC Database Date: 2/20/2010 35-37-16
 Location: HAMMON, OK Channel Class: C2 99-22-32

Contours calculated on direct line using 73.509(a)

[*] by Distance indicates directional antenna used in calculation.

[*] by HAAT indicates calculated as missing in database.

Call City, State Chan Class Freq kW Latitude Dist. Required
 Status Proponent File Number HAAT Longitude Azm. Clear (km)

 >>>>>>> Study For Channel 210 89.9 mHz <<<<<<<<

ALLOC REYDON, OK 264 C2 100.7 35-23-11 52.4 20
 VAC RM-10255 0 99-52-38 240.4 +32.4 CLEAR

KJTH PONCA CITY, OK 209 C0 89.7 100. 36-35-42 194.7
 LIC Fac. No. 81146 BLED-20041018ACD 307 97-34-38 55.8
 KJTH F(50,10) 54 dBu = 104 km, KTHF F(50,50) 60 dBu = 38 KM +53 km
 KTHF F(50,10) 54 dBu = 59 km, KJTH F(50,50) 60 dBu = 72 KM +64 km

KACVFM AMARILLO, TX 210 C 89.9 100. 35-20-33 224.2
 LIC Fac. No. 1234 BLED-19900208KD 352 101-49-21 262.8
 KACVFM F(50,10) 40 dBu = 175 km, KTHF F(50,50) 60 dBu = 38 KM +12 km
 KTHF F(50,10) 40 dBu = 113 km, KACVFMF(50,50) 60 dBu = 74 KM +37 km

KWKL GRANDFIELD, OK 210 C2 89.9 45.0 34-16-19 173.0
 LIC Fac. No. 122257 BLED-20060629AFW 152 98-25-30 149.6
 KWKL F(50,10) 40 dBu = 134 km, KTHF F(50,50) 60 dBu = 38 KM +2 km
 KTHF F(50,10) 40 dBu = 113 km, KWKL F(50,50) 60 dBu = 49 KM +10 km

KOCU ALTUS, OK 211 A 90.1 5.00 34-40-14 105.51
 LIC Fac. No. 93910 BLED-20020626AAU 26 99-20-13 178.1
 KOCU F(50,10) 54 dBu = 22 km, KTHF F(50,50) 60 dBu = 38 KM +46 km
 KTHF F(50,10) 54 dBu = 59 km, KOCU F(50,50) 60 dBu = 15 KM +32 km

KCSC EDMOND, OK 211 C1 90.1 100. 35-34-24 171.4
 LIC Fac. No. 66632 BLED-19980428KC 256 97-29-08 91.2
 KCSC F(50,10) 54 dBu = 99 km, KTHF F(50,50) 60 dBu = 38 KM +34 km
 KTHF F(50,10) 54 dBu = 59 km, KCSC F(50,50) 60 dBu = 68 KM +45 km

KAYM WEATHERFORD, OK 213 A 90.5 2.70 35-29-47 59.6
 LIC Fac. No. 82300 BLED-20050811ABB 86 98-44-10 103.2
 KAYM F(50,10) 100 dBu = 2 km, KTHF F(50,50) 60 dBu = 38 KM +20 km
 KTHF F(50,10) 100 dBu = 4 km, KAYM F(50,50) 60 dBu = 21 KM +35 km

KPDR WHEELER, TX 213 C3 90.5 10.0 35-25-57 84.2
 LIC Fac. No. 72165 BLED-19930125KC 147 100-16-31 255.9
 KPDR F(50,10) 100 dBu = 4 km, KTHF F(50,50) 60 dBu = 38 KM +43 km
 KTHF F(50,10) 100 dBu = 4 km, KPDR F(50,50) 60 dBu = 39 KM +41 km