

# EXHIBIT 12.1

08-09-2003

Canyon Lake Broadcasting

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FM Study for: KAT233

FCC Database Date: 8/8/2003

32-11-53

Location: ATHENS, TX

Channel Class: D

95-51-47

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)

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>>>>>>> Study For Channel 233 94.5 MHz <<<<<<<

NEW-X	COFFEE CITY, TX	230 D	93.9	.250+	32-10-52	40.8	14	
APP	Fac. No. 156982	BNPFT-20030317JKM	71*		95-25-50	92.5	+26.8	CLEAR
KAT233	F(50,10) 100 dBu =	1 km, NEW-X F(50,50)	60 dBu =		6 KM	+34	km*	
KLNO	FORT WORTH, TX	231 C	94.1	98.0	32-35-22	112.8	93	
LIC	Fac. No. 41380	BLH-19821104AG	485`		96-58-10	292.9	+19.8	CLEAR
KAT233	F(50,10) 100 dBu =	1 km, KLNO F(50,50)	60 dBu =		84 KM	+28	km	
ALLOC	GRAPELAND, TX	232 C3	94.3		31-33-15	78.6	58	
VAC		RM-9942		0`	95-30-52	155.1	+20.6	CLEAR
ALLOCR	GRAPELAND, TX	232 A	94.3		31-32-45	85.6	47	
ADD		RM-20spm129		0`	95-22-42	147.5	+38.6	CLEAR
KSOC	GAINESVILLE, TX	233 C	94.5	78.0	33-32-08	173.8	136	73.215
CP	Fac. No. 6386	BPH-20010830ABN	591`		96-49-54	328.8	+37.8	CLEAR
KAT233	F(50,10) 40 dBu =	37 km, KSOC F(50,50)	60 dBu =		89 KM	+48	km	
NEW	TYLER, TX	234 L1	94.7		32-16-38	53.2	25	
APP	Fac. No. 134376	BNPL-20010615AKL	12`		95-18-22	80.4	+28.5	CLEAR
NEW-X	MINEOLA, TX	234 D	94.7	.250	32-39-39	62.1	32	
APP	Fac. No. 156978	BNPFT-20030317JKR	71*		95-29-30	34.1	+30.1	CLEAR
KAT233	F(50,10) 54 dBu =	16 km, NEW-X F(50,50)	60 dBu =		11 KM	+35	km	
KLTY	ARLINGTON, TX	235 C	94.9	99.0	32-35-19	112.6	93	
LIC	Fac. No. 2809	BLH-20020725AAO	508`		96-58-05	292.9	+19.6	CLEAR
KAT233	F(50,10) 100 dBu =	1 km, KLTY F(50,50)	60 dBu =		86 KM	+26	km	