

# GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

## Average FM Service Ranges

Class of Station	Effective Radiated Power (ERP) (In Watts)	Antenna HAAT	City Grade 70 dBu (3.16 mV/m) (Miles)	Primary Service Area 60 dBu (1.0 mV/m) (Miles)
A	6,000	150'	6.8	12.2
		200'	7.8	14.0
		250'	8.7	15.5
		328'	10.0	17.6
B1 & C3	25,000	150'	9.6	17.0
		200'	11.3	19.4
		250'	12.6	21.5
		328'	14.4	24.3
B & C2	50,000	250'	14.9	25.0
		350'	17.4	28.5
		492'	20.3	32.4
C1	100,000	250'	17.0	28.5
		350'	20.4	32.3
		500'	24.0	36.5
		700'	27.4	40.4
		981'	31	44.9
C0	100,000	1000'	31.3	45.2
		1200'	33.7	48.0
C	100,000	1480'	36.7	52.0
		1650'	38.8	54.0
		1969'	42.0	57.0
D	250	100'	2.5	4.4
		200'	3.5	6.3
		328'	4.5	8.0

Prepared for Media Services Group