

Engineering Statement

In Support of an Application for a Construction Permit

New FM Translator Station (Facility ID 141688), Springville, Alabama
Channel 222

Terrain-Contour Study

Reference Coordinates:

North Latitude: 33-46-15

West Longitude: 86-26-59

ERP = 0.010 kW		FM - 2-6 Tables		F(50-50)
Ave. Elev.		Effective		Distance to
Azimuth	3 to 16 km	Antenna Height	ERP	60 dBu Contour
°T.	Meters AMSL	Meters AAT	(dBk)	km
0	325.2	23.0	-20.000	3.2
30	340.6	7.6	-20.000	3.2
60	192.1	156.1	-20.000	7.2
90	207.9	140.3	-20.000	6.9
120	224.1	124.1	-20.000	6.5
150	243.8	104.4	-20.000	6.0
180	241.5	106.7	-20.000	6.1
210	273.2	75	-20.000	5.0
240	291.5	56.7	-20.000	4.4
270	301.9	46.3	-20.000	4.0
300	274.1	74.1	-20.000	5.0