

# Lakeland, FL - WYFO(FM) STA Coverage Map

USGS 03 SEC Terrain Database  
U.S. Census 2010 PL Database

60 dBμ - Granted CP

60 dBμ - Granted License

60 dBμ - Requested STA

WYFO.C  
WYFO.L  
WYFO.STA

**WYFO.C**  
Lakeland, FL  
BPED20131217DSQ  
Facility ID: 5116  
Latitude: 27-56-35 N  
Longitude: 081-54-45 W  
ERP: 25.00 kW  
Channel: 220C3 (91.9 MHz)  
AMSL Height: 138.0 m  
Horiz. Pattern: Directional

60 dBμ F(50:50) Contour  
Total Population: 782,242  
Total Area: 4,368 sq. km

**WYFO.L**  
Lakeland, FL  
BLED19900604KA  
Facility ID: 5116  
Latitude: 27-56-35 N  
Longitude: 081-54-45 W  
ERP: 25.00 kW  
Channel: 220C3 (91.9 MHz)  
AMSL Height: 139.0 m  
Horiz. Pattern: Directional

60 dBμ F(50:50) Contour  
Total Population: 622,578  
Total Area: 3,811 sq. km

**WYFO.STA**  
Lakeland, FL  
Proposed STA Operation  
Facility ID: 5116  
Latitude: 27-56-35 N  
Longitude: 081-54-45 W  
ERP: 0.43 kW  
Channel: 220C3 (91.9 MHz)  
AMSL Height: 85.0 m  
Horiz. Pattern: Omni

60 dBμ F(50:50) Contour  
Total Population: 112,398  
Total Area: 313 sq. km

N. Lat. = 275635.0 W. Lng. = 815445.0  
HAAT and Distance to Contour,  
FCC, FM 2-10 Mi, 51 pts - USGS 03 SEC

Azi	AV	EL	HAAT	ERP kW	dBk	Field	60-F5
000	38.0	47.0	0.4300	-3.67	1.000	10.28	
045	34.8	50.2	0.4300	-3.67	1.000	10.64	
090	34.9	50.1	0.4300	-3.67	1.000	10.62	
135	36.4	48.6	0.4300	-3.67	1.000	10.46	
180	55.9	29.1	0.4300	-3.67	1.000	8.16	
225	42.4	42.6	0.4300	-3.67	1.000	9.75	
270	36.2	48.8	0.4300	-3.67	1.000	10.48	
315	46.6	38.4	0.4300	-3.67	1.000	9.23	

Ave El=40.65 M HAAT=44.35 M AMSL=85 M



Scale 1:575,000  
0 8 16 24 km