

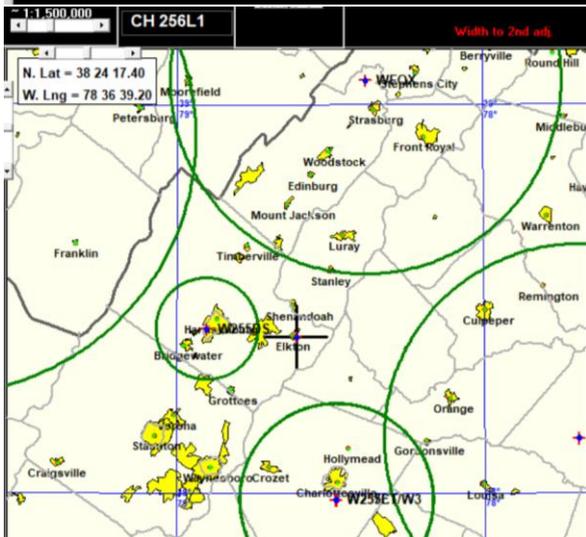
VA-Elkton Three Angels Project

Engineering Statement

The granting of the instant application will cause no prohibited interference to any existing FM radio broadcasting station as it is in perfect compliance with rule 73.807 concerning distance separations.

Call	Type	Ch	Location	Azi	Dist	FCC	Margin
W255DS	LIC-D	255D	Harrisonburg	VA 275.2	25.47	14.5	11.0
W255CT	LIC-D	255D	Charlottesville	VA 166.2	47.98	27.5	20.5
WFQX	LIC	257A	Front Royal	VA 15.0	75.99	55.5	20.5
W257ET/W3	CP-D	257D	Charlottesville	VA 166.3	48.02	27.5	20.5
WVBX	LIC	257A	Spotsylvania	VA 109.8	85.50	55.5	30.0

End of Screen List, Cardinal Radials = 36



V-Soft Report

Protected zones report for VA-Elkton on channel 256L1 12-03-2023

Lat. 38 24 17.4 Lng. 78 36 39.2, ERP= 0.1 kw, HAAT= -148.4 m

Facility is okay with respect to AM station towers.

Closest AM Facility is WKCY, HARRISONBURG, VA, L, ND2 at 291.1° at a distance of 18.3 km

Facility is okay with respect to FCC monitoring stations.

Closest FCC Monitoring Station is 176.9 km= Laurel, MD

Facility is within West Virginia quiet zone. Distance to center = 77.8 km

Facility is okay toward Table Mountain. Distance to Center = 2306.0 km, Azimuth = 283.2 Degrees True