

INTERFERENCE/CONTOUR OVERLAP STUDY

A study was performed using the guidelines in 47 C.F.R. Section 74.1204 which determines that the granting of this proposal will not result in any interference to any other broadcast facility. No contour overlap occurs.

Below is a table showing the predicted interference contours, the antenna center of radiation above average terrain as well as the 60 dbu interference-free contour, along appropriate azimuths for the proposed translator.

Azimuth	Antenna HAAT	60 dbu f(50,50)	interference f(50,10)			
			40 dbu	48 dbu	54 dbu	100 dbu
0°	26(m)	4.4 (km)	14	9	6	<.4
30°	28	4.4	14	9	6	<.4
60°	57	6.0	19	12	9	<.4
90°	68	6.6	21	13	9	<.4
120°	69	6.6	21	13	9	<.4
150°	80	7.1	23	14	10	<.4
180°	65	6.4	21	13	9	<.4
210°	37	4.8	15	10	7	<.4
240°	-9	4.4	14	9	6	<.4
270°	-79	4.4	14	9	6	<.4
300°	-110	4.4	14	9	6	<.4
330°	-48	4.4	14	9	6	<.4

Below is a table showing the normally protected contours of all stations, allocations and proposals relevant to the granting of our proposal.

Affected station	WZRT
FM channel	246
Location	Rutland, VT
ERP	1.15 kW
Class	C2
MAX HAAT	961 m
MAX Dist. to protected contour	56 km (60 dbu)
Distance to proposal	73.7 km
Proposed translator's:	
interference contour	(54 dbu)
Along radial of:	64°
HAAT	59 m
Distance to contour	8.8 km
Clearance between protected and interference contours	8.9 km

Map showing proposed transmitter location, community of license (GLENS FALLS, NY), its 60 and 54 dbu contours as well as the protected contour of WZRT, Rutland, VT.

