

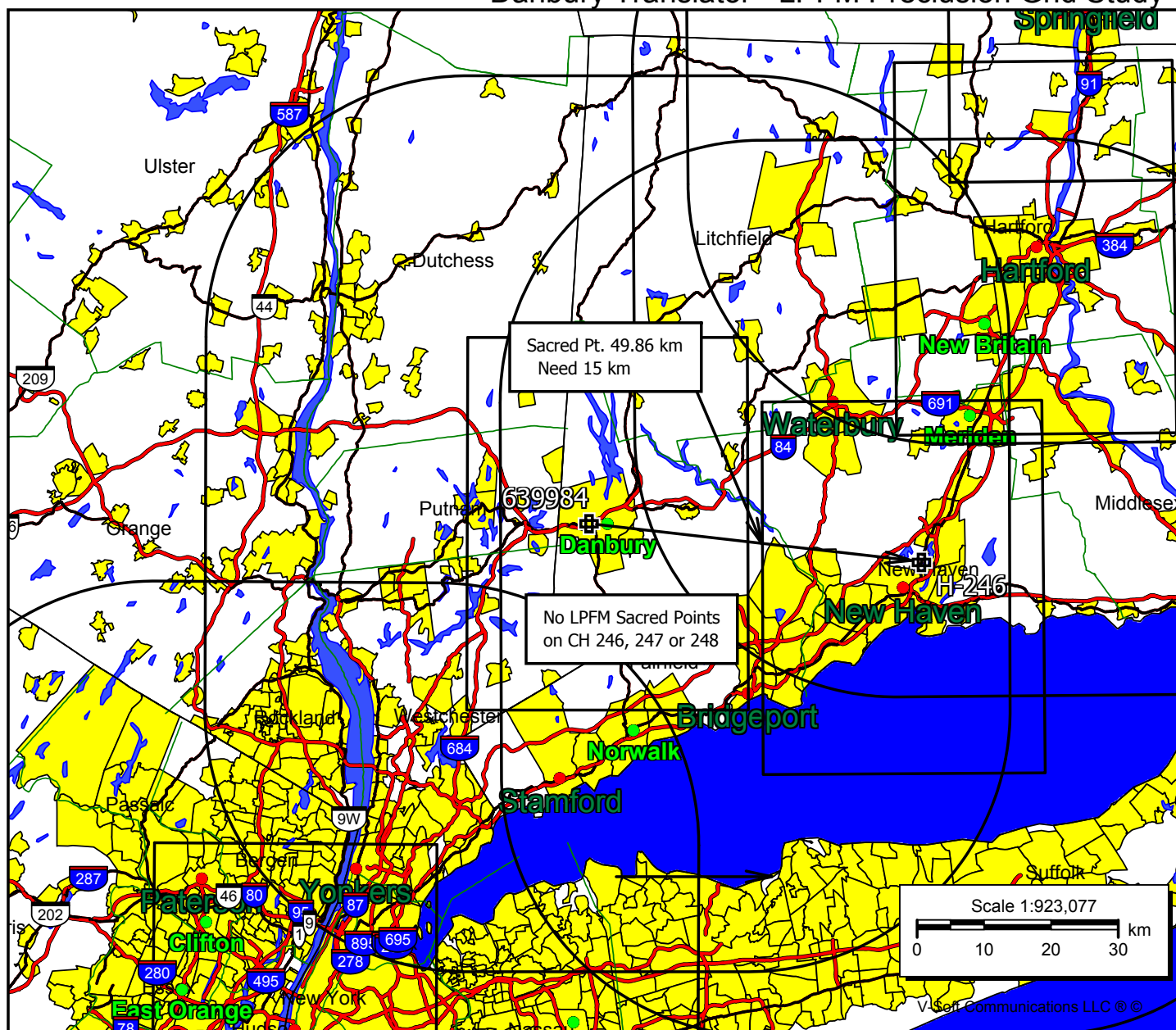
# Danbury Translator - LPFM Preclusion Grid Study

**639984**

Latitude: 41-23-41.60 N  
Longitude: 073-29-13.80 W  
ERP: 0.01 kW  
Channel: 247  
Frequency: 97.3 MHz  
AMSL Height: 246.0 m  
HAAT = 70.5 m  
HAAT 1 mV/m = 4.88 km

**H-246**

Latitude: 41-20-29 N  
Longitude: 072-53-43 W



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Telecommunication Consultants

Vernier Communications LLC ©

Danbury, CT  
 Latitude 41-23-41  
 Longitude 073-27-16  
 Grid Size 31 x 31  
 Micro FM 100 watts at 30m HAAT  
 Co-Channel and 1st Adjacent Protected  
 2nd Adjacent Channel Not Protected  
 3rd Adjacent Channel Not Protected  
 I.F. Not Protected  
 TV Channel 6 Protected  
 CP Records Protected  
 APP Records Protected  
 FM Translators Protected  
 TV Channel 6 Translators/LP Protected  
 Auc83 FX App Records Not Protected

Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail
200	0	220	0	240	0	260	0	280	0
201	0	221	2	241	0	261	0	281	0
202	0	222	0	242	0	262	0	282	0
203	0	223	0	243	0	263	0	283	0
204	0	224	0	244	0	264	0	284	0
205	0	225	64	245	34	265	0	285	0
206	0	226	0	246	0	266	0	286	0
207	0	227	0	247<--	0	267	0	287	0
208	0	228	0	248	0	268	0	288	0
209	0	229	0	249	0	269	0	289	0
210	0	230	0	250	0	270	0	290	0
211	0	231	0	251	0	271	0	291	0
212	0	232	0	252	0	272	7	292	0
213	0	233	0	253	0	273	17	293	34
214	0	234	0	254	30	274	0	294	0
215	0	235	0	255	0	275	0	295	0
216	0	236	0	256	0	276	0	296	0
217	0	237	0	257	0	277	0	297	1
218	0	238	0	258	31	278	0	298	28
219	0	239	0	259	0	279	242	299	0
								300	0

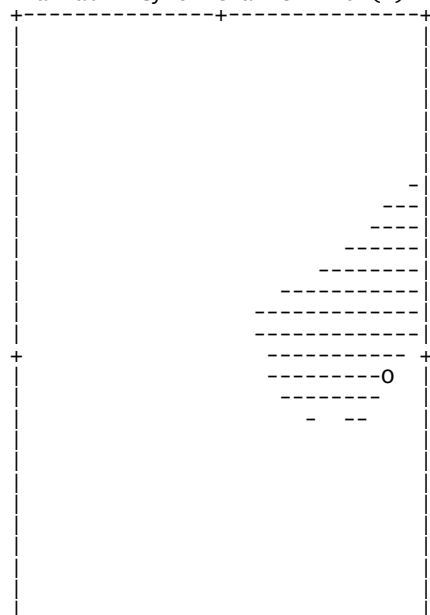
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 Total 490

New Haven, CT  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Grid Size 31 x 31  
 Micro FM 100 watts at 30m HAAT  
 Co-Channel and 1st Adjacent Protected  
 2nd Adjacent Channel Not Protected  
 3rd Adjacent Channel Not Protected  
 I.F. Not Protected  
 TV Channel 6 Protected  
 CP Records Protected  
 APP Records Protected  
 FM Translators Protected  
 TV Channel 6 Translators/LP Protected  
 Auc83 FX App Records Not Protected

Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail
200	0	220	0	240	0	260	0	280	0
201	0	221	77	241	124	261	0	281	0
202	0	222	0	242	0	262	0	282	0
203	0	223	0	243	0	263	0	283	143
204	0	224	0	244	0	264	0	284	0
205	0	225	19	245	454	265	0	285	0
206	0	226	0	246	91	266	0	286	0
207	0	227	28	247	0<--	267	0	287	104
208	0	228	0	248	0	268	0	288	0
209	0	229	0	249	0	269	82	289	0
210	0	230	0	250	0	270	0	290	0
211	0	231	0	251	3	271	0	291	0
212	0	232	0	252	0	272	0	292	0
213	0	233	0	253	0	273	384	293	0
214	0	234	0	254	143	274	0	294	0
215	0	235	0	255	0	275	0	295	0
216	0	236	0	256	0	276	0	296	0
217	0	237	0	257	0	277	450	297	243
218	0	238	0	258	361	278	243	298	361
219	0	239	0	259	0	279	195	299	0
								300	0

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 Total 3505

New Haven, CT  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Least preclusive siting  
 Availability of Channel 246 (x)



New Haven, CT  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Most preclusive siting  
 Availability of Channel 246 (x)

