

Exhibit 1, Subpart E --- LPFM Protected Channel Points For Grid Study

Lancaster, PA - Spectrum Limited Market (30 by 30 Grid Class)

Lat - 40-16-30.6

Long - 75-45-12.0

Grid is 30 by 30

LPFM - 100 watts

Co-Channel and First Adjacent Channel Protected

Second, Third, and IF Channels Not Protected

Auction 83 Translator Apps Not Protected

Channel Avail	Channel Avail	Channel Avail	Channel Avail	Channel Avail
200 0	220 0	240 0	260 49	280 0
201 0	221 0	241 0	261 0	281 0
202 0	222 0	242 0	262 0	282 0
203 0	223 0	243 16	263 0	283 12
204 0	224 0	244 0	264 0	284 25
205 0	225 3	245 0	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 14	271 0	291 158
212 0	232 0	252 0	272 0	292 0
213 0	233 0	253 0	273 0	293 0
214 0	234 0	254 0	274 0	294 0
215 0	235 0	255 11	275 9	295 0 -1st
216 0	236 0	256 0	276 0	296 665-CoC
217 0	237 32	257 0	277 0	297 1 -1st
218 0	238 340	258 0	278 0	298 0
219 0	239 55	259 1	279 0	299 0
				300 0

Total Number Points --- 1390