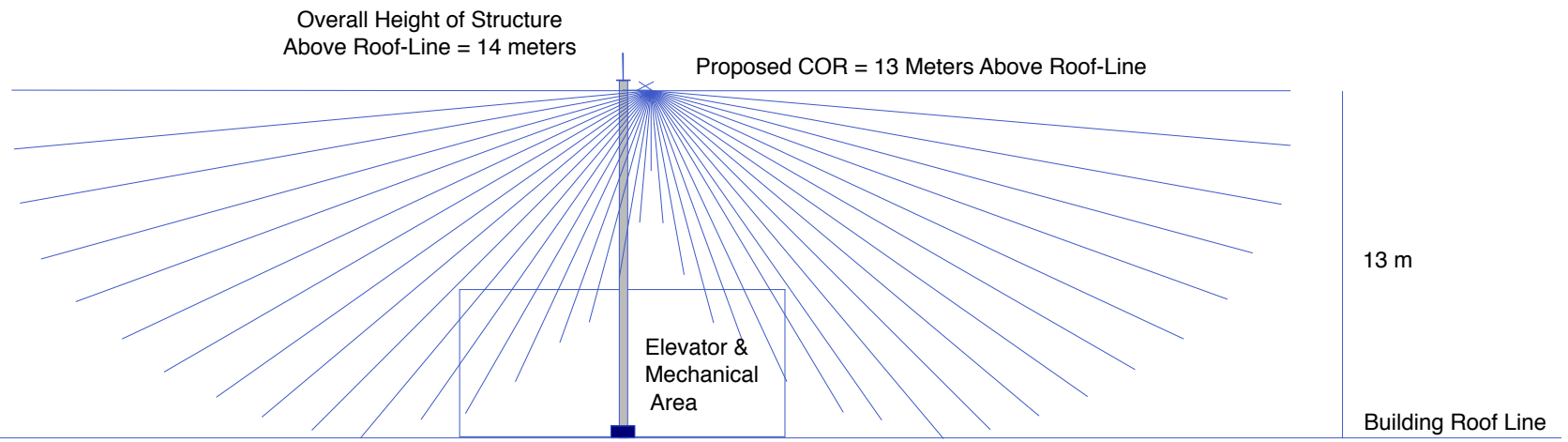


Proposed License Modification of W276AQ, Fort Lee, NJ
Elevation-Pattern-Based Vertical Plan Exhibit
Scale Drawing Depicting Distance to 127 dBu Contour
ERI LPX-1E-DA Antenna - 60 Watts ERP - 102.3 MHz

Below is a diagram showing an exact scale-model elevation depiction of the rooftop of the proposed antenna location. The antenna elevation above the building roof-line is proposed to be 13 meters. At 60 watts, the maximum distance to contour is 24 meters at 00 degrees. Each radial is plotted in 5 degree increments. The closest point to the roof-line of the 127 dBu contour just touches the rooftop at 19 meters at 50 degrees as shown in the diagram. The existing communications tower is mounted on the side of the elevator mechanical room. The room is an entirely uninhabited mechanical area with elevator, electrical and communications equipment stored inside. The applicant's engineering staff regularly visits the site and has measured and verified that the tower and building distance representations as measured are true and correct.

As can be seen in the attached aerial photograph, the only other appurtenances mounted on the roof are HVAC, venting, electrical, mechanical and antenna appurtenances (not shown). There are no adjacent structures within the 24 meters maximum as shown in the attached aerial photograph. The applicant certifies that the proposed interfering contour area will be entirely unpopulated as shown in the drawing below and the attached aerial photograph.



Radial Elevation Tabulation of Distance to 127 dBu Contour using ERI LP-1E-DA Elevation Data
Manufacturer's Data Sheet is Attached

Angle (Deg)	Relative Field	ERP (Watts)	127 dBu Contour Distance (Meters)	Angle (Deg)	Relative Field	ERP (Watts)	127 dBu Contour Distance (Meters)
90	0.130	1.014	3	40	0.797	12.406	19
85	0.206	2.546	5	35	0.840	21.223	20
80	0.280	4.704	7	30	0.862	32.960	21
75	0.355	7.562	9	25	0.930	46.589	22
70	0.424	10.79	10	20	0.945	61.942	23
65	0.495	14.70	12	15	0.962	76.840	23
60	0.560	18.82	14	10	0.985	89.724	24
55	0.625	23.44	15	05	0.992	96.638	24
50	0.682	27.91	17	00	1.000	99.000	24
45	0.745	33.30	18				