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W232AP APPLICATION FOR CP FOR MINOR MODIFCATION OF LICENSE
EXHIBIT 12 – INTERFERENCE

The application of which this Exhibit is a part requests a Construction Permit for a minor modification of the licensed facilities of FM Translator station W232AP. The requested changes are in location (by about 50 meters), height of antenna above ground, change from a directional vertically polarized antenna to a non-directional circularly polarized antenna and a reduction in ERP to 7.5 Watts.

A computerized search of the F.C.C. CDBS was conducted to determine the impact of the proposals on existing and applied for facilities. Two stations meriting detailed studies were revealed; WMXR(FM) – 230A - Woodstock, VT (license and application for CP) and WHOM(FM) – 235C – Mount Washington, NH.

WHOM(FM)

As shown in Figure 1, of this Exhibit, the 100 dBu F(50,10) contour from the proposed operation of W232AP does not overlap the 60 dBu F(50,50) contour of WHOM(FM) and so the proposed operation does not interfere with WHOM(FM). The attached Figure 1 shows the relationship of the WHOM(FM) 60 dBu and the proposed W232AP 100 dBu contours.

WMXR(FM)

When originally proposed and authorized, WMXR(FM) was the parent station for W232AP. As such, W232AP met the interference requirements of 47 C.F.R. §74.1204(e) with respect to WMXR(FM). W232AP is now re-broadcasting, under an STA, WTSL(AM), 1400 kHz, Hanover, NH. With the recent change in translator Rules, Great Eastern Radio will propose WTSL(AM) be the parent station of W232AP. W232AP, WMXR(FM) and WTSL(AM) are all licensed to Great Eastern Radio.

The proposed, as well as current, W232AP site is located within the 60 dBu contour of the WMXR(FM) licensed and proposed CP operation. The applicant believes that the proposed operation of W232AP will not cause any interference to WMXR(FM) over any roads or inhabited structures. The W232AP antenna is located at an established communications site atop Crafts

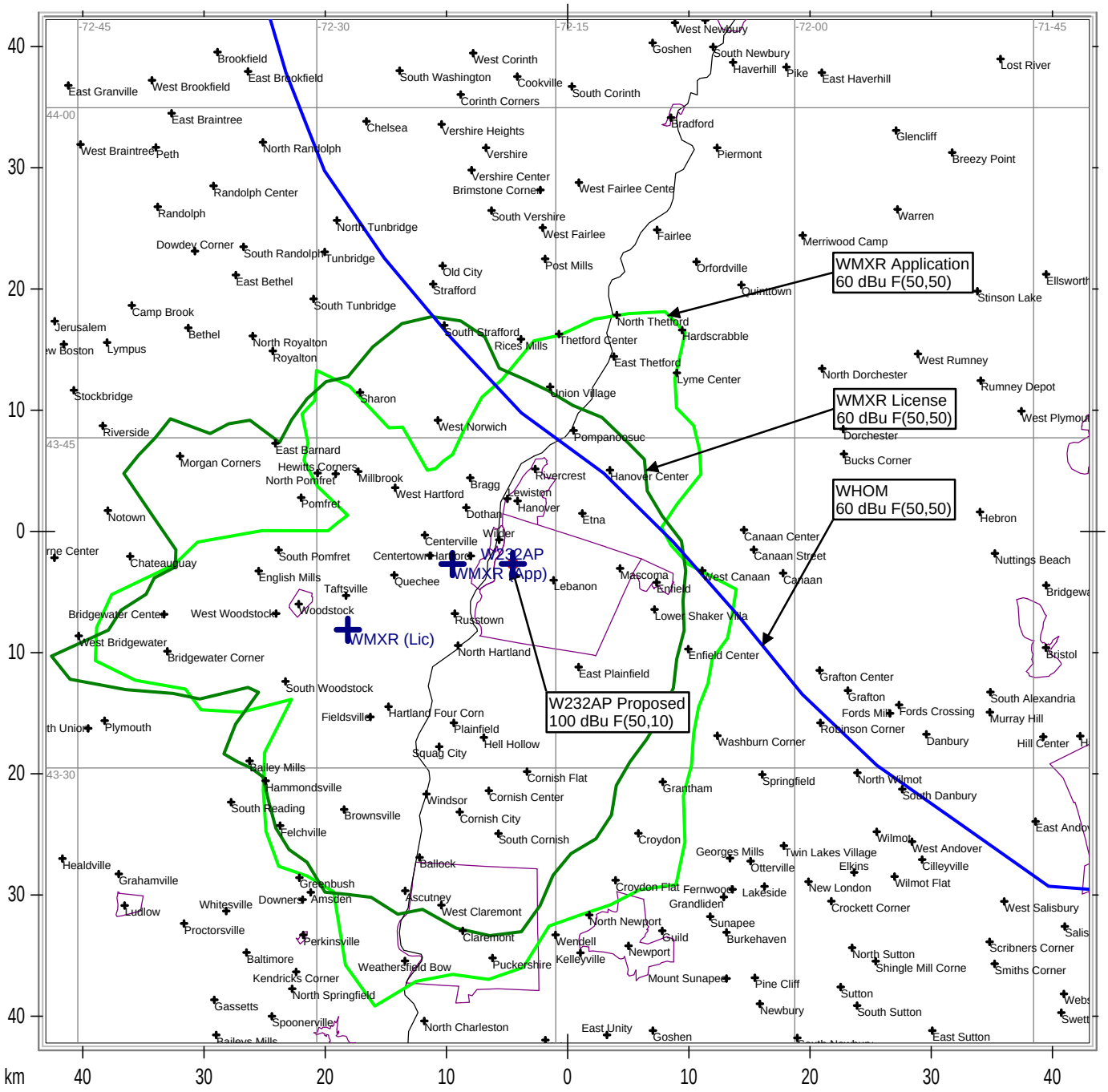
Hill in Lebanon, NH. WMXR(FM) places a greater than 70 dBu over the entire site. The 110 dBu contour from the W232AP operation will cover a distance of only 61 meters. The nearest inhabited structure is 330 meters from the proposed W232AP site. The signal level from W232AP, at this structure, is 95.3 dBu or 25.3 dBu above the signal from WMXR(FM). This signal is well below the 40 dBu Undesired/Desired ratio required to cause interference to a second adjacent FM station. The applicant believes this proposal is in full compliance with the requirements of 47 C.F.R. §74.1204(d) with respect to WMXR(FM).

The attached Figure 2 shows the relationship of the WMXR(FM) 70 dBu and the proposed W232AP 110 dBu contours.

The attached Figure 3 is a satellite photograph of the W232AP site and the surrounding area. It shows the physical relationship of the site and the nearest inhabited structure.

The attached Figure 4 is a portion of a 7.5 minute USGS topographic map showing the W232AP site.

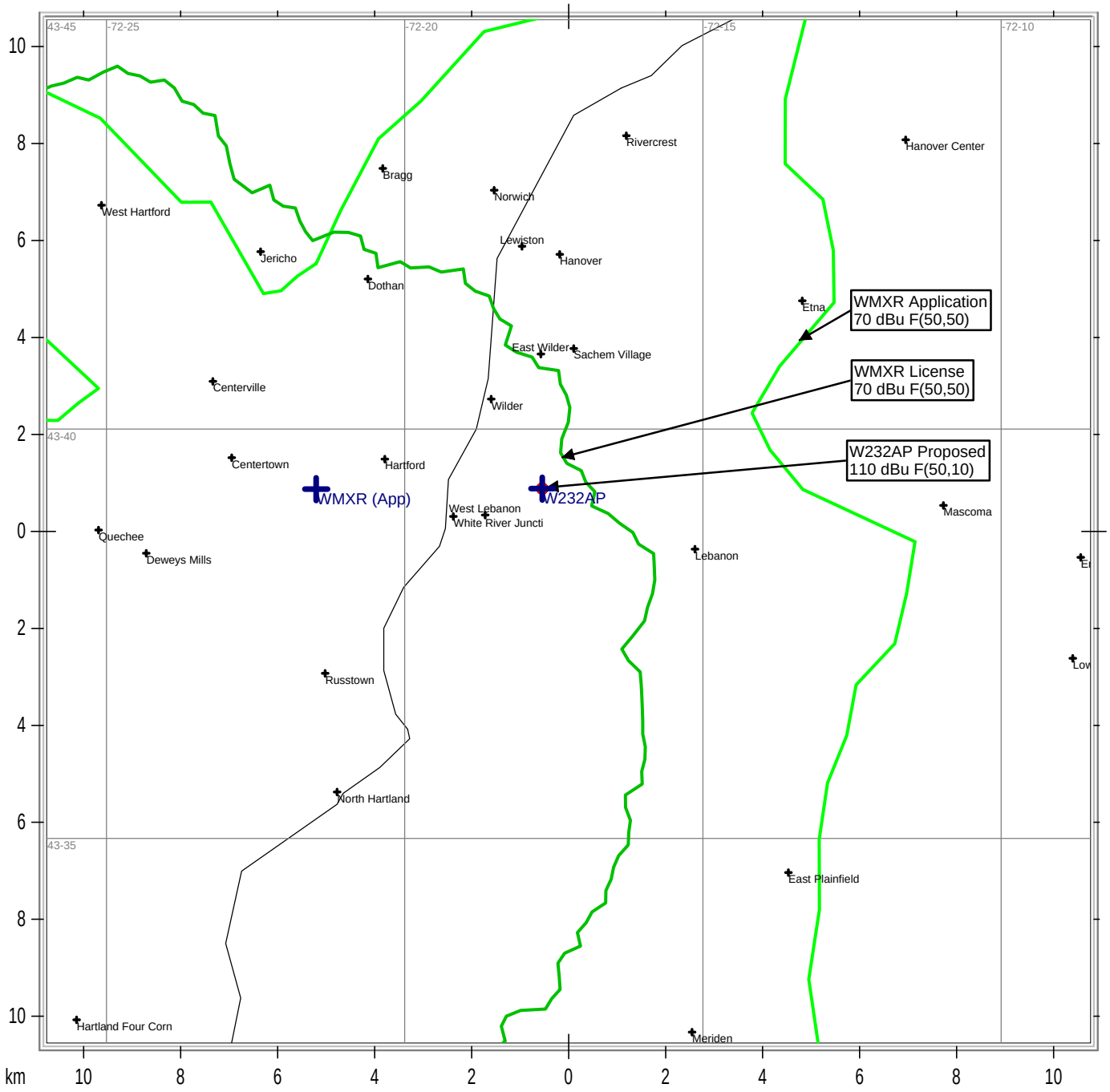
Proposed Operation W232AP



State Borders City Borders Lat/Lon Grid

Map Scale: 1:500000 1 cm = 5.00 km V|H Size: 84.43 x 86.09 km Exhibit 12 Figure 1

Proposed Operation W232AP



State Borders Lat/Lon Grid

W232AP PROPOSED SITE AERIAL PHOTOGRAPH

Exhibit 12 Figure 4