

## **ENGINEERING STATEMENT**

This Engineering Statement supports this minor modification application for the licensed facility of WEPT-CD, Facility ID 30429, Peekskill, New York, FCC File Number, 0000205865, licensed to Venture Technologies Group, LLC (“Applicant”).

### **Proposed Facility**

The proposed facility is less than 30 miles distance from the existing licensed facility. The F(50,90) 51 dBu contours of the proposed facility overlaps with the F(50,90) 51 dBu contours of the existing licensed facility. The proposed facility was studied using TVStudy v2.2.5 using the following parameters and the results are as follow:

Study cell size: 1.00 km  
Profile point spacing: 0.10 km

It is believed that the proposed facility complies with 47 C.F.R. Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h).

### **Digital TV and Class A Station Protection and Interference Acceptance**

The proposed facility causes less than 0.5% interference to surrounding digital and Class A television stations and allotments and facilities (i.e., “*de minimis*”) based on TVStudy v2.2.5. It is believed that the proposed operation is in compliance with the spirit and intent of the FCC’s interference standards.

### **Low Power TV and TV Translator Station Protection**

The proposed facility of WEPT-CD on channel 28 is predicted to cause interference to WNYJ-LD and WNYP-LD. All three stations are licensed to the Applicant and the Applicant hereby agrees to accept such interference.

Except as referenced above, the proposed facility causes less than 2.0% interference to surrounding low power assignments and allotments (i.e., “*de minimis*”) based on TVStudy v2.2.5. It is believed that the proposed operation is in compliance with the spirit and intent of the FCC’s interference standards.

### **Environment Effect**

The proposed facility is deemed individually and cumulatively to have no significant effect on the quality of the human environment and are categorically excluded from environmental processing as defined by 47 C.F.R. § 1.1306. Additionally, the Applicant certifies that it will reduce power or cease operation as necessary to protect any persons from having RF exposure in excess of FCC guidelines.