

## **KIHT TECHNICAL NARRATIVE**

EMMIS RADIO LICENSE, LLC (EMMIS), LICENSEE OF KIHT CHANNEL 242C1, LICENSED TO ST. LOUIS, MISSOURI (FACILITY ID #27022) PROPOSES A COORDINATE CORRECTION OF 3.7 SECONDS OF LATITUDE AND 1.5 SECONDS OF LONGITUDE, AS WELL AS A 3.8 METER REDUCTION IN THE ANTENNA HEIGHT ABOVE SEA LEVEL, TO CONFORM TO RECENT MODIFICATIONS TO THE ANTENNA STRUCTURE REGISTRATION (1020785) FOR THE TOWER THAT SUPPORTS THE COMMUNITY ANTENNA UTILIZED BY KIHT AND SEVERAL OTHER STATIONS. IT PROPOSES NO CHANGE IN THE ACTUAL PHYSICAL LOCATION OF THIS TOWER.

THIS COORDINATE CORRECTION WILL INCREASE THE DISTANCE TO SECTION 73.215 SHORT SPACED STATION WKIB, CHANNEL 243C2, ANNA, IL (FACILITY ID# 68793) BY 0.11 KM AND MAINTAIN THE FULL REQUIRED SPACING TO ALL OTHER STATIONS REQUIRING PROTECTION CONSIDERATION UNDER SECTION 73.207.

EMMIS ALSO PROPOSES TO INCREASE THE EFFECTIVE RADIATED POWER OF KIHT FROM THE CURRENT LICENSED POWER OF 80 KW TO 92 KW. KIHT OPERATES FROM A COMMUNITY ANTENNA WITH EIGHT OTHER FM STATIONS. NO CHANGES TO THE ANTENNA ARE PROPOSED. A SECTION 73.215 CONTOUR PROTECTION EXHIBIT IS INCLUDED AS AN EXHIBIT WITH THIS APPLICATION. THE SECTION 73.215 CONTOUR PROTECTION MAPS DEMONSTRATE THERE WILL BE NO CONTOUR OVERLAP BETWEEN KIHT AND THE LICENSED WKIB FACILITY OR WKIB APPLICATION BPH 20110919ADH.