

Hosting Arrangements Exhibit

KJZZ Licensee, LLC (“Licensee”), licensee of KJZZ-TV, Salt Lake City, UT (Facility ID 36607; RF Channel 19), is filing this application to modify KJZZ-TV’s NextGen license to include its non-primary video programming streams (multicast streams) that are aired as “guest” streams on “host” stations as part of the ATSC 3.0 transition. Licensee does not propose to change its primary stream simulcast host from what was previously authorized. *See* File No. 0000113900.

Primary Stream Simulcast

On June 30, 2020, Licensee commenced ATSC 3.0 operations from KJZZ-TV’s facility, which serves as the ATSC 3.0 host for stations in the Salt Lake City, UT market, and began simulcasting its primary stream in ATSC 1.0 format on KUCW(TV), Ogden, UT (Facility ID 1136; RF Channel 35) pursuant to a written hosting agreement with Nexstar Media Inc. (“Nexstar”). *See* File No. 0000113900.

Non-Simulcast Multicasts

To minimize any loss of over-the-air programming available to ATSC 1.0 viewers that might otherwise result from KJZZ-TV’s transition to the ATSC 3.0 standard, Licensee is also airing KJZZ-TV’s multicast streams currently affiliated with *TBD* and *DABL* in ATSC 1.0 format from the facilities of commo KTVX(TV), Salt Lake City, UT (Facility ID 68889; RF Channel 30) pursuant to a written hosting agreement with Nexstar.

Because of ATSC 1.0 capacity constraints, KJZZ-TV is not able to air its multicast streams on KUCW(TV), its primary ATSC 1.0 simulcast host. Furthermore, due to ATSC 3.0 capacity and other constraints attendant with the multi-station and multi-market coordination needed for a successful ATSC 3.0 deployment across the country, it is not feasible for Licensee to simulcast KJZZ-TV’s multicast streams in an ATSC 3.0 format without unduly minimizing, if not largely eliminating, the benefits to the public and the participating stations of transitioning to ATSC 3.0. Simulcasting those streams in ATSC 3.0 would reduce capacity available to NextGen stations for offering consumers the improved services that ATSC 3.0 enables. The types of services and improvements that would be precluded would include enhanced video featuring High Dynamic Range, Wide Color Gamut and High Frame Rate, immersive and multiple audio channels using Dolby AC-4, Advanced Emergency Alerting and Information functions as part of a broadcast receiver application, and non-real time interactive data delivery. Each of these requires a portion of the ATSC 3.0 capacity that would be unavailable were Licensee to carry multicast program streams as the ATSC 3.0 host for stations in the Salt Lake City, UT market. Even setting aside these impediments, significant additional engineering work and more equipment would be required to simulcast KJZZ-TV’s multicast streams in ATSC 3.0 and ATSC 1.0 formats.

Host Capacity Limits: KJZZ-TV is airing fewer programming streams on its ATSC 1.0 host station than it previously aired in ATSC 1.0 from its own facility (and such streams are airing on the host facility in the same resolutions as they did prior to KJZZ-TV’s transition to ATSC 3.0). KJZZ-TV therefore will not be using more capacity on the ATSC 1.0 host stations, in the aggregate, than it would have been able to use on its own facilities if it were still broadcasting in the ATSC 1.0 format. The PSIP (virtual) channels for KJZZ-TV’s program streams have remained unchanged and continue to be identified as associated with KJZZ-TV.

Coverage Requirements: KTVX(TV) is licensed to the same DMA as KJZZ-TV, and its service contour completely covers KJZZ-TV's community of license. The multicast hosting arrangement with KTVX(TV) serves the public interest by preserving KJZZ-TV's ability to air each of its programming streams in the ATSC 1.0 format to ensure that KJZZ-TV's viewers can continue to receive the programming streams currently available to them. The service contour of KTVX(TV) covers virtually all (>99.9%) of KJZZ-TV's pre-transition service area population. See attached engineering exhibits (as filed with File No. 0000197515). Additionally, the arrangement preserves access to those KJZZ-TV streams currently received for viewers who are receiving them via MVPDs. This arrangement complies with the requirement that children's television core programming be carried on either the same host as the primary stream or on a host that serves at least 95% of the predicted population served by KJZZ-TV's pre-transition 1.0 signal. KJZZ-TV currently averages at least three hours per week of core programming on its primary stream.

MVPD and Consumer Notice Requirements: Licensee provided notice to MVPDs of each proposed signal relocation when it provided the requisite notice regarding relocation of KJZZ-TV's primary stream. Licensee also aired the requisite consumer notices and posted to its website information regarding the station's transition to the ATSC 3.0 standard and the need for over-the-air viewers to rescan on June 30, 2020.

In summary, Licensee proposes to license KJZZ-TV's streams in ATSC 1.0 on temporary host facilities as depicted in the chart below:

KJZZ-TV Stream and Virtual Channel	Pre-Relocation ATSC 1.0 RF Channel and Resolution	Post-Relocation ATSC 1.0 RF Channel and Resolution	ATSC 1.0 Host Station	Simulcast in ATSC 3.0?
Independent (Primary) 14.1	19.3 1080i	35.7 1080i	KUCW(TV)	Yes
TBD 14.3	19.5 480i	30.7 480i	KTVX(TV)	No
DABL 14.5	19.7 480i	30.8 480i		No