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MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
HOME PAGE: www.fcc.gov/media/radio/audio-division

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Re: KVSP(FM), Anadarko, OK
Perry Broadcasting of
Southwest Oklahoma, Inc
Facility ID No. 2189
File No. 20220218AAK

Request for Experimental Authority

Dear Counsel:

The staff has under consideration the February 18, 2022 request for experimental authority submitted on behalf of Perry Broadcasting of Southwest Oklahoma, Inc (Perry Broadcasting), licensee of commercial FM Station KVSP(FM), Anadarko, Oklahoma,[1] to permit KVSP(FM) to conduct testing of hybrid digital FM in-band on-channel (IBOC) operation with asymmetric power levels in the digital sidebands. The experimental authority is requested pursuant to Section 5.203 of the Commission's Rules.[2]

[1] File Number BLH-20040723AAG. KVSP(FM) is a class C station licensed to operate on channel 278 (103.5 Megahertz) using a non-directional antenna, 100 kilowatts (kW) effective radiated power (ERP), and 600 meters antenna radiation center height above average terrain at a transmitter site described by geographic coordinates 35º 15' 4" North Latitude, and 98º 36' 53" West Longitude, referenced to 1927 North American Datum.

[2] 47 CFR § 5.203 (Section 5.203).

The request states that Perry Broadcasting is seeking experimental authority to operate KVSP(FM) with lower sideband (LSB) digital effective radiated power (ERP) of -10 dBc[3] and upper sideband (USB) digital ERP of -14 dBc. In support of its request, Perry Broadcasting submitted an engineering study showing that the proposed operation complies fully with the contour nonoverlap requirements of the Media Bureau's *Order* adopted January 27, 2010, in MM Docket No. 99-325[4] for operation with -10 dBc LSB digital ERP and -14 dBc USB digital ERP.

Our review indicates that the proposed KVSP(FM) digital operation complies with the contour nonoverlap and other technical requirements of the Order, and the request for experimental authority meets the requirements for experimental operations set forth in Section 5.203. Accordingly, the request is HEREBY GRANTED. KVSP(FM) may operate with increased digital ERP as follows:

Analog ERP:	100 kilowatts (kW), H&V[5]
Digital LSB ERP: [6]	5 kW
Digital USB ERP:	2 kW

This experimental authority expires on **March 10, 2023**. This authority is specifically conditioned on the lack of objectionable interference. A report detailing the methodology employed and the results obtained must be submitted within 90 days following the conclusion of the experimental operation. Any request for extension of this experimental authority should be filed at least 30 days prior to the expiration date of the authority. Additionally, an extension request must include an interim version of the aforementioned report that details the progress of the experimental operation as of the filing date of the request.

Sincerely,

Rodolfo F. Bonacci
Assistant Division Chief
Audio Division
Media Bureau

cc: Kevin Perry, Perry Broadcasting of Southwest Oklahoma, Inc
kperry@kvsp.com (via Email)

[3] Decibels relative to analog carrier.

[4] *Digital Audio Broadcasting Systems And Their Impact on the Terrestrial Radio Broadcast Service,* MM Docket No. 99-325, Order, 25 FCC Rcd 1182 (MB 2010) (Order).

[5] All ERP values rounded in accordance with 47 CFR § 73.212(a).

[6] Digital ERP values shown are for MP1 service mode. The licensee must adjust the station's asymmetric total digital sideband ERP values in accordance with NRSC guideline "NRSC-G202-A, FM IBOC Total Digital Sideband Power for Various Configurations" (April 2016) if operating using a service mode other than MP1.