

January 23, 2024

SENT VIA USPS PRIORITY MAIL & ELECTRONIC MAIL

FCC Office of the Secretary
Attention: Chief, Video Division, Media Bureau
45 L Street NE
Washington, DC 20554
Barbara.Kreisman@fcc.gov

Operational Notice

Pursuant to the requirement in the *FM6 Report and Order*¹ and the *Public Notice* issued by the Media Bureau (“Bureau”) on December 28, 2023,² Venture Technologies Group, LLC (“Licensee”), licensee of LPTV station KEFM-LD (Facility ID 127996), Sacramento, CA (the “Station”) hereby confirms that the Station will continue FM6 operations pursuant to the following parameters as set forth in its NextGen license, File No. 0000155814.

Radiation Center Above Ground Level (RCAGL): 131.1 meters

Radiation Center Above Mean Sea Level (RCAMSL): 141.5 meters

Antenna Height Above Average Terrain (HAAT): 126.57 meters

Antenna Type (Directional or Non-Directional): Directional

Directional Antenna Pattern (if applicable): See Attachment A

Antenna Rotation: 124 degrees

Antenna Make and Model: AAT FDP-1

Maximum Effective Radiated Power (ERP): 3 kW

Transmitter Power Output (TPO): 1.733 kW

Description of Transmission System: The station utilizes a complete transmitter system designed by Broadcast Engineering/Elenos and SYES with a single transmission line and the antenna system set forth in the Station’s license. The design uses a transmission

¹ *Amendment of Parts 73 and 74 of the Commission’s Rules to Establish Rules for Digital Low Power Television and Television Translator Stations*, Report and Order, MB Docket 03-185, FCC 23-58 (July 20, 2023) (“*FM6 Report and Order*”).

² *Media Bureau Announces That All FM6 LPTV Rules and Filing Requirements Are Now In Effect*, Public Notice, MB Dkt. No. 03-185, DA 23-1209 (MB Dec. 28, 2023) (“*FM6 Implementation Public Notice*”).

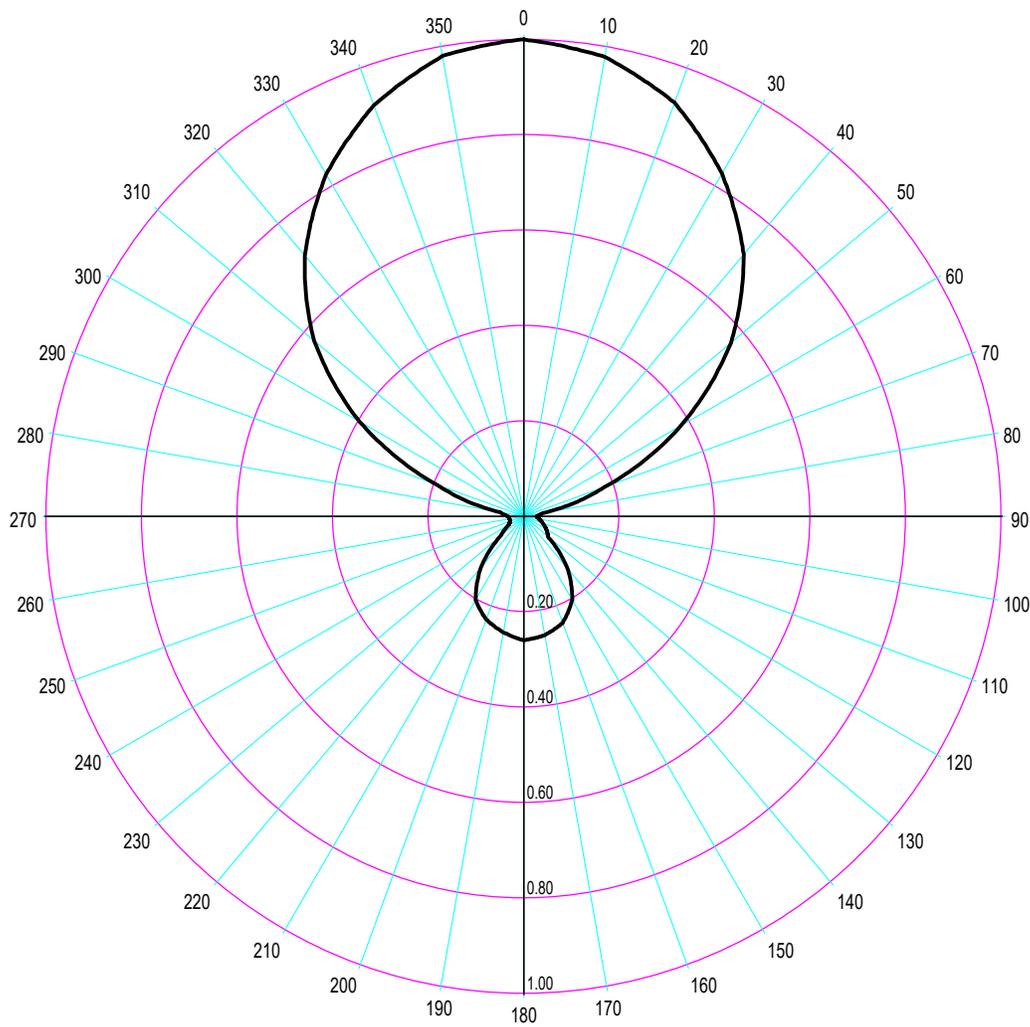
system to output both the ATSC 3.0 and the FM carrier. The system itself uses 1-5/8" connectors and line throughout. The ATSC 3.0 transmission first passes through a Comtech Bandpass filter (.577db of insertion loss). After the bandpass filter, the 3.0 is combined with the FM. The ATSC 3.0 feeds the wide band input of the combiner (.06db of insertion loss) and the FM feeds the narrow band input (.544db of insertion loss). Once combined the ATSC 3.0 and FM goes through a Low Pass filter (.08db of insertion loss) and then through 500ft of RLCX-SL158R (.9db of loss) to an AAT FDP-1 antenna (4db of gain).

The Station has an STA to offer FM6 service, which does not expire until February 10, 2024. File No. 0003768876. Moreover, the Station's operations comply with the rules adopted in the *FM6 Report and Order*. Accordingly, the Bureau should deem the Station to be in compliance with the Commission's rules.³

As set forth in the FM6 Implementation Public Notice, upon receipt of this notification, please add a notation to the Station's license to reflect that it is permitted to provide FM6 operations.

³ *FM6 Implementation Public Notice* at 2.

KEFM-LD
Attachment A



Azim	Rel.FS ERP [kW]		dBk	Azim	Rel.FS ERP [kW]		dBk	Azim	Rel.FS ERP [kW]		dBk	Azim	Rel.FS ERP [kW]		dBk
0.0	1.000	3.000	4.771	90.0	0.027	0.002	-26.602	180.0	0.260	0.203	-6.929	270.0	0.033	0.003	-24.859
5.0	0.989	2.934	4.675	95.0	0.030	0.003	-25.686	185.0	0.253	0.192	-7.166	275.0	0.041	0.005	-22.973
10.0	0.978	2.869	4.578	100.0	0.033	0.003	-24.859	190.0	0.247	0.183	-7.375	280.0	0.050	0.008	-21.249
15.0	0.950	2.708	4.326	105.0	0.038	0.004	-23.633	195.0	0.238	0.170	-7.697	285.0	0.121	0.044	-13.573
20.0	0.923	2.556	4.075	110.0	0.043	0.006	-22.559	200.0	0.230	0.159	-7.994	290.0	0.193	0.112	-9.518
25.0	0.876	2.302	3.621	115.0	0.049	0.007	-21.425	205.0	0.216	0.140	-8.540	295.0	0.295	0.261	-5.832
30.0	0.830	2.067	3.153	120.0	0.055	0.009	-20.422	210.0	0.202	0.122	-9.122	300.0	0.397	0.473	-3.253
35.0	0.773	1.793	2.535	125.0	0.061	0.011	-19.522	215.0	0.171	0.088	-10.569	305.0	0.485	0.706	-1.514
40.0	0.717	1.542	1.882	130.0	0.067	0.013	-18.707	220.0	0.140	0.059	-12.306	310.0	0.573	0.985	-0.066
45.0	0.642	1.236	0.922	135.0	0.105	0.033	-14.805	225.0	0.101	0.031	-15.142	315.0	0.643	1.240	0.935
50.0	0.567	0.964	-0.157	140.0	0.143	0.061	-12.122	230.0	0.063	0.012	-19.242	320.0	0.713	1.525	1.833
55.0	0.473	0.671	-1.732	145.0	0.173	0.090	-10.468	235.0	0.050	0.008	-21.249	325.0	0.770	1.779	2.501
60.0	0.380	0.433	-3.633	150.0	0.203	0.124	-9.079	240.0	0.037	0.004	-23.865	330.0	0.828	2.057	3.132
65.0	0.280	0.235	-6.286	155.0	0.220	0.145	-8.380	245.0	0.033	0.003	-24.859	335.0	0.872	2.281	3.582
70.0	0.180	0.097	-10.123	160.0	0.238	0.170	-7.697	250.0	0.030	0.003	-25.686	340.0	0.917	2.523	4.019
75.0	0.110	0.036	-14.401	165.0	0.245	0.180	-7.445	255.0	0.030	0.003	-25.686	345.0	0.948	2.696	4.307
80.0	0.040	0.005	-23.188	170.0	0.253	0.192	-7.166	260.0	0.030	0.003	-25.686	350.0	0.980	2.881	4.596
85.0	0.033	0.003	-24.859	175.0	0.256	0.197	-7.064	265.0	0.031	0.003	-25.402	355.0	0.990	2.940	4.684