

Compliance with Special Operating Conditions

The WCOM-FM Construction Permit (File Number 0000213726) contains several Special Operating Conditions summarized as follows:

1. *****NOTE TO PERMITTEE***** Notwithstanding the grant of this construction permit or the expiration date specified herein, your station's license will automatically expire as a matter of law on April 29, 2024 if the station has not resumed broadcasting before that time. See Pub. Law No. 104-104, 110 Stat. 56, Section 403 (1) (1996) and Order, Silent Station Authorizations, FCC 96-218 (released May 17, 1996). See also Public Notice, Expedited Processing of Applications Filed By Silent Stations, DA 96-818 (May 22, 1996).
2. The permittee/licensee, in coordination with other users of the site, must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of the FCC guidelines.
3. **BEFORE PROGRAM TESTS ARE AUTHORIZED**, the permittee must submit the results of a complete proof-of-performance to establish the horizontal plane radiation patterns for both the horizontally and vertically polarized radiation components. This proof-of-performance may be accomplished using the complete full size antenna, or individual bays therefrom, mounted on a supporting structure of identical dimensions and configuration as the proposed structure, including all braces, ladders, conduits, coaxial lines, and other appurtenances; or using a carefully manufactured scale model of the entire antenna, or individual bays therefrom, mounted on an equally scaled model of the proposed supporting structure, including all appurtenances. Engineering exhibits must include a description of the antenna testing facilities and equipment employed, including appropriate photographs or sketches and a description of the testing procedures, including scale factor, measurements frequency, and equipment calibration.
4. **BEFORE PROGRAM TESTS ARE AUTHORIZED**, the permittee must submit a certification executed by a licensed surveyor showing that the FM directional antenna system has been oriented at the azimuth(s) specified in the directional antenna proof of performance. This certification must include a description of the method used by the surveyor to determine the azimuth(s) of the installed directional antenna system and the accuracy of that determination.
5. **BEFORE PROGRAM TESTS ARE AUTHORIZED**, the permittee must submit an affidavit that the installation of the directional antenna system was overseen by a qualified engineer. This affidavit must include a certification by the engineer that the antenna was installed pursuant to the manufacturer's instructions and list the qualifications of the certifying engineer.
6. **BEFORE PROGRAM TESTS ARE AUTHORIZED**, the permittee must submit an exhibit demonstrating that the measured directional antenna pattern complies with the appropriate community coverage requirements of 47 C.F.R. Sections 73.315 or 73.515 (See 47 C.F.R. § 73.316(c)(2)(ix)(B)).
7. The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by this construction permit. A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power: 1.25 kilowatts Principal minimum and its associated field strength limit: 240 degrees True: 0.24 kilowatts.

Family Life Ministries, Inc. (FLM) complies with, or agrees to, these conditions as follows:

1. A Resumption of Operations has been filed in conjunction with this License to Cover a construction permit application. WCOM-FM, Facility ID 23603, resumed broadcast operations on April 10, 2024 which is prior to the 12 months of silence deadline of April 29, 2024.
2. FLM agrees that in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of the FCC guidelines.
3. A complete antenna Proof Of Performance is seen in Exhibit 1-A.
4. Exhibit 1-B is a certification executed by a licensed surveyor showing that the FM directional antenna system has been oriented at the azimuth(s) specified in the directional antenna proof of performance.
5. The installation of the directional antenna system was overseen by a qualified engineer. The engineer certification is Exhibit 1-C.
6. Exhibit 1-D demonstrates that the measured directional antenna pattern complies with the appropriate community coverage requirements.
7. The measured relative field strengths of the horizontal and vertical patterns are seen in Exhibit 1-A and abide by the principal minima values as listed. Specifically, the field at 100 degrees is 1.0 which equates to 1.25kw. The field at 240 degrees is 0.35 which equates to a power level of 0.153kw.
8. The FCC Composite Pattern has an RMS value of .792. The Composite Antenna Proof Pattern has an RMS value of .734. Therefore, the Composite Antenna Proof Pattern fills 92.7% of the FCC Composite Pattern which meets the minimum 85% fill requirement.
9. The call sign for FCC Facility ID 23603 was authorized as WCOM-FM on 09/06/2023 as shown on the included Call Sign Request Authorization.