

**RFR Compliance Statement for WRNO Aux FM site**  
**ASR# 1207793**  
**1-28-14**

Measurements made by:

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Meter: Narda 8718B (Serial 1101) with 8742D E-field frequency shaped probe (300Khz to 3 Ghz) (serial 11007) and Model 8752D H-field probe (300khz to 10 mhz) (serial 09001)

Measurements made to demonstrate compliance of OET Bulletin 65 Edition 97-01 per special operating condition #3 on construction permit BXPB-20120801AHG for WRNO-FM (FID 54890) on 11-28-12.

Measurements were made with FM station WRNO-FM operating at the applied for 12.5kw ERP into the ERI antenna and all other rooftop operations known to be operating at licensed powers. The antenna is located on a tower that is 50 ft above the rooftop.

The rooftop site is completely a controlled area, access to the rooftop is only provided by building security. In addition to measurements a strobe light has been added at the rooftop access door that is illuminated anytime the transmitter for WRNO-FM is on at full power to further note that there is RF on the supporting tower. All E Field measurements are in % of occupational exposure and are the maximum value observed.

**Static rooftop measurement with the WRNO-FM transmitter off = 3.543% controlled.**

**Controlled rooftop Areas**

**E-Field% (controlled)**

- |                                                                             |        |
|-----------------------------------------------------------------------------|--------|
| 1) Point roughly 16ft East of tower base                                    | 23.14% |
| 2) Point Around West HVAC units                                             | 3.76%  |
| 3) Point Around East HVAC units                                             | .07%   |
| 4) *Point 9 ft from north edge of building/13ft from center of access door. | 59.18% |

***RFR Compliance Statement for WRNO-FM Aux FM site (Cont.)***

**Building Measurements (un-controlled)**

Using the same model measurement hardware and procedure for the rooftop measurements, additional measurements were taken in the occupied space of the building where tenants would have normal daily access, measurements were taken in the common hallways on floor 50 and 51 and in the tenant suites on both of these floors, as well as in the stairwell access area to the transmitter suite on floor 52. These additional measurements were taken with assistants of building engineering on the evening of 1/21/14, also present for these measurements was Mr. Doug Holland Chief Engineer for Clear Channel Radio in New Orleans. Before station specific measurements were taken a “static” measurement without the additional RF from station WRNO-FM, to give a baseline measurement was taken. The baseline measurement for floor 50 indicated 0.000% and on floor 51 a baseline measurement indicated a field of .007% controlled or .035% of the uncontrolled RFR standard. The following un-controlled environment measurements were taken with WRNO-FM operating at licensed ERP of 12.5kw were observed:

(Un-controlled E-Field%)

General hallways and in tenant suites on floor 50 indicated a field of 7.055%.

General hallways and in tenant suites on floor 51 indicated a field of 12.185% (this measurement was observed in the east facing stairway window area on floor 51 in the tenant suite.

General Access stairwell leading to floor 52 indicated a field of 28.285%.

**Conclusion**

\*The highest level observed was at point 4, this location measured at 59.18% maximum of controlled E-field on the rooftop. This value is below the maximum value for a controlled area per OET Bulletin 65 Edition 97-0. This document shows WRNO-FM is in compliance with special operating condition #3 demonstrating that there are no areas exceeding the FCC guidelines for human exposure to RF exposure.



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