

**NO AM ACTION REQUIRED DETERMINATION**

**For**

**Crown Castle's Site: WILCHINSKI SP PROPERTY II 844415 (MG Radio on Crown Castle)**

Site Name	Latitude	Longitude	Structure Type	Structure Height
WILCHINSKI SP PROPERTY II 844415	N41-33-21.48	W93-36-4.67	Monopole	184 ft

AM Call	FCC Status	Electrical Height @ AM Frequency	Pattern	Bearing to Site	Distance to Site in km	Distance to Site in Wavelengths	FCC Action Criteria Result
KRNT	Lic.	90.9° @ 1350 kHz	DAN (N)	260.9°	1.85 km	8.31 @ 1350 kHz	Positive

**SUMMARY and RECOMMENDATIONS**

**KRNT:**

We have completed a review of your site WILCHINSKI SP PROPERTY II 844415 on an existing Crown Castle structure which serves as an antenna support with the screening information you have provided us along with information available in several different tower databases as well as the FCC CDBS database of AM stations.

MG Radio proposed scope of work: Change out existing equipment on the tower.

No overall structure height change is indicated.

Based on the data available and the coordinates given to us in your screening, the antenna support structure for WILCHINSKI SP PROPERTY II 844415 IS WITHIN the FCC specified coordination distance of ten wavelengths at KRNT's frequency OR IS NOT outside of 3 km distance from KRNT's FCC CDBS coordinates and the structure electrical height IS OVER the FCC action threshold of 36 electrical degrees at KRNT's frequency resulting in site's FCC POSITIVE AM status.

The distance in wavelengths and electrical height is calculated using the definitions and formulas contained in FCC rule §1.30001 and distance requirements specified in FCC rule §1.30002 (b) for directional antenna ("DA") AM stations. KRNT operates in directional antenna mode during all or some part of the daytime and or nighttime.

We have no evidence that there is AM detuning hardware installed on this structure for KRNT's frequency.

Our further review indicates NO AM ACTION is required for KRNT for the reason that MG Radio's proposed scope of work does not contain a height change of the existing structure and thus is not a "significant modification" to the structure nor is the structure "detuned or base-insulated" under the definitions in the FCC rules for KRNT's frequency. (See FCC rules Section §1.30002 (d) (1), (2))

Sincerely,



Philip Harris CSRE, AMD  
Principal Engineer, AM Compliance & Regulatory