

## **WIL Auxiliary Antenna Spurious Emissions Statement**

On May 20, 2011 I tested the Spurious Emissions for the WIL-FM Auxiliary Antenna (Facility ID #72390). This site is shared with WHHL-Fm (Facility ID 64578). Both stations were operating at full licensed power. The equipment used for the test was:

Annritsu MS2721A Spectrum analyzer, calibrated November 2006

The spectrum was measured from 91.3 mHz to 93.3 mHz. No emissions were found to exceed the FCC maximum.

Frequency	Freq. Deviation	Level (dB)	Level w/ Mod	Required
91.3 mHz	-1 mHz	-82 dB	-82 dB	-80 dB
91.6 mHz	-700 kHz	-80 dB	-82 dB	-80 dB
91.7 mhz	-600 kHz	-82 dB	-82 dB	-35 dB
91.8 mHz	-500 kHz	-82 dB	-81 dB	-35 dB
91.9 mHz	-400 kHz	-69 dB	-69 dB	-35 dB
92.0 mHz	-300 kHz	-80 dB	-79 dB	-35 dB
92.06 mHz	-240 kHz	-69 dB	-77 dB	-25 dB
92.1 mHz	-200 kHz	-70 dB	-70 db	-25 dB
91.14 mHz	-160 kHz	-72 dB	-65 dB	-25 dB
92.18 mhz	-120 kHz	-68 dB	-57 dB	-25 dB
92.3 mHz	Unmodulated Carrier	Reference	Reference	
92.42 mHz	120 kHz	-70 dB	-48 dB	-25 dB
92.46 mHz	160 kHz	-68 dB	-65 dB	-25 dB
92.5 mHz	200 kHz	-70 dB	-70 dB	-25 db
92.54 mHz	240 kHz	-78 dB	-75 dB	-25 dB
92.6 mHz	300 kHz	-80 dB	-80 dB	-35 dB
92.7 mHz	400 kHz	-82 dB	-81 dB	-35 dB
92.8 mhz	500 kHz	-80 dB	-82 dB	-35 dB
92.9 mhz	600 khz	-82 dB	-82 dB	-35 dB
93.0 mHz	700 kHz	-82 dB	-82 dB	-80 dB
93.3 mhz	1 mHz	-82 db	-82 dB	-80 dB

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