

Shared Antenna Measurements

W223BX and W266CM

April 30, 2018

This is a report of measurements that were made on April 27, 2018 to ensure that the operation of W233BX and W266CM on a shared antenna comply with the Commission's rules. The measurements show that the operation is in total compliance with the spurious emissions requirements of 47 C.F.R. Sections 73.317(b) through 73.317(d). The measurements were conducted by the undersigned utilizing a HP model 8920 Communications Test Set with includes a spectrum analyzer and a Rhode & Schwartz model FSH Analyzer. The measurements were conducted with both stations simultaneously utilizing the shared antenna.

Here are the specific results of the measurements at the combiner output:

73.317 (b), 120-240 kHz from carrier

Requirement -25 dB	W223BX - 50 dB	W266CM -48 dB
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73.317(c), 240-600 kHz from carrier

Requirement -35 dB	-W223BX -70 dB	W266CM -65 dB
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73.317(d), more than 600 kHz

Requirement -69 dB	W223BX -80 dB	W266CM -80 dB
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The undersigned hereby avers that the combined transmitter operation fully complies with all the Commission's spurious emissions rules.

Signed: _____

David M. Baughn

Date: _____

4-30-2018