

Shared Antenna Measurements

W262BL and W243CY

August 22, 2018

This is a report of measurements that were made on August 22, 2018 to ensure that the operation of W243CY and W262BL on a shared antenna comply with the Commission's rules and to satisfy the special condition on the W243CY Construction Permit. The measurements show that the operation is in total compliance with the spurious emissions requirements of 47 C.F.R. 73.317(b) through 73.317(d). The measurements were conducted by the undersigned utilizing an HP model 920 Communication Test Set which includes a spectrum analyzer and a Rhode & Schwartz model FSH analyzer. The measurements were conducted with both stations simultaneously utilizing the same antenna.

Here are the results of the required measurements:

73.317(b), 120-240 kHz from carrier

Requirement -25 dB                  W262BL -50 dB                  W243CY -35 dB

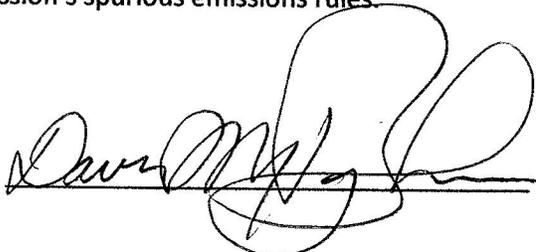
73.317(c), 240-600 kHz from carrier

Requirement -35 dB                  W262BL -73 dB                  W243CY -55 dB

73.317(d), more than 600 kHz

Requirement -69 dB                  W262BL -80                  W243CY -80

The undersigned hereby avers that the combined transmitter operation fully complies with all of the Commission's spurious emissions rules.

Signed:  Date: 8-24-2018