



COMMENTS ON Broadcast Signal Lab Report on the state of FM broadcasting in Grand Cayman

By Ernie Belanger

I wish to take exception to section 5.1 Spin 94.9.

The exciter referenced to have spurs in 2006 was sent back to the manufacturer, Armstrong Transmitter. Once it arrived it was tested in Armstrong's laboratory and found to be clean of the alleged emissions which were reported by Mr. Maxson in his report.

Again in his 07 report Mr. Maxson alleges that the exciter is creating the spurious emissions which he indicates on his test data.

I bring into question Mr. Maxson's findings as invalid for several reasons.

After discussions with yourself and the staff at Spin Mr. Maxson it appears that He was never given access directly to the exciter. Therefore his assumption that the exciter is creating these emissions is not based on engineering fact. is it speculation.

In order for Mr. Maxson to make such a claim he would have to take the Station off the air and hook his spectrum analyzer directly into the exciter's output and analyze the exciter independent of all other nearby RF sources.

To conduct this test properly he would also have to require that all other close by RF equipment be shut down to confirm the exciter was "dirty". At no point in his report does he indicate this step was taken, nor is there a defined procedure described which he used to conduct such a test.

Making the allegation of this type without having conducted the proper testing on the exciter in question is poor engineering practice.

Without the evidence of direct testing and analysis of the exciter in question in an "RF Isolated" environment, his allegation of this exciter being "Dirty" is highly prejudicial to Spin and unfounded.

That said, it is most probable that what Mr. Maxson is picking up off the air in very close proximity to the transmitter site are indeed intermod products.

Respectfully Submitted
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