

Rich Fabina

From: James Ritter [jamesr@wll.com]
Sent: Friday, November 02, 2012 3:40 PM
To: Richard Fabina
Cc: EE Steve K WLL; Marianne Bosley
Subject: offline RT comment again

Rich;

On the Mueller Hub you just made a RT comment of:

1. Item 1(c) of my request for additional information dated October 26, 2012 (copy attached) has not been addressed by the amended test report. It is repeated below.

The submitted test report has the following issue that must be addressed:

- (a) Figure 6 appears to show no transmission after 8 seconds for the hailing channel dwell time. Compare Figure 6 to Figure 4 which shows transmissions throughout the 20 second plot. If the transmitter stopped sending signals, Figure 6 may lead to false results in the hailing channel dwell time. Please address.*

I already addressed this in the previous RT response:

c) Figure 6 appears to show no transmission after 8 seconds for the hailing channel dwell time. Compare Figure 6 to Figure 4 which shows transmissions throughout the 20 second plot. If the transmitter stopped sending signals, Figure 6 may lead to false results in the hailing channel dwell time. Please address.

R: Only the signals that appear above the set line (10dB [1 block] down from top of analyzer screen) is the channel signal. Other pulses below this line are spurs caused by adjacent channels. As figure 4 are the data channels more activity is noted (both the signal of interest and the adjacent channels), Figure 6 is of the hailing channels that has less activity (adjacent channels because they are switching slower and/or they are further away in frequency will not cause the analyzer to see their spurious bursts).

It is the nature of the hailing channels that cause this where it looks quite after a while. The transmitter WAS in a transmit state the entire time (and transmitting at its operation mode). Previous plots of this on other units have even less activity. I do not know what else I can say.

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