

FCC ID: PZ3-FM72

Response to TCB findings

Hi Jim,

We have identified these issues following our review:

1. Please provide substitution measurements of spurious radiated emissions. While direct conversion of electric field measurements has been acceptable in the past, over the past two years the FCC has required substitution measurements as described in ANSI/TIA/EIA-603-1992 section 2.2.12 for all licensed services.

Response –

Following is a brief response to item #1 in the e-mail from Barry Quinlan, as he has requested:

Upon reviewing the radiated spurious emission data from the radiated emission report, we at L.S. Compliance feel confident that a remeasurement of the spurious radiation components using the substitution method may not actually be necessary. This is due to the large margin (~50DB) by which the previously measured emissions was found to be below the nominal -13 dBm limit. (equiv F.S. of 82 dB/uV/m in the three meter chamber.)

We are happy to provide the data using the substitution method if need be, but feel that in this particular case, the remeasurement may not be necessary. Also, in the addendum to TIA/EIA-603, section 2.2.12 has additional language that states; "The magnitude of emissions attenuated more than 20 dB below the FCC limit need not be recorded"

2. Please provide an exhibit showing the DC currents and voltages supplied to the final amplifier stage. See 2.1033(c)(8).

Response – see revised test report

3. Please provide the factory tune up procedure (if one is used). See 2.1033(c)(9).

Response – see tune up procedure

4. Please provide frequency stability measurements with respect to input voltage changes per 2.1055(d).

Response – see revised test report

Best regards

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