

Q1: This device is large enough that the FCC will require the compliance language of 15.29(a)(3) to be placed on the device – not simply in the Manual. Please review your label exhibit and supply a corrected label.

[A1: Please see the label](#)

Q2 The Test Report on page 3 (both reports) indicates that this FM transmitter has an output power according to the manufacturer of 10mW. This level far exceeds the level allowed under FCC rules and should be reconsidered.

[A2: measure the output power again, the power is lower than 0.5uW. see 15.239 report page 7 15.247 report page 7 and user manual.](#)

Q3. There is no description in the Occupied Bandwidth measurement for the 15.239 report of what signals were modulating the transmitter during the bandwidth test. Elsewhere in the report there is test data for USB, SD Card, and Aux Input. It is expected that occupied bandwidth measurements would be provided for both analog and digital inputs.

[A3. please see 15.239 report page 12 to 21](#)

Q4 Please describe how this device was modified to not transmit directly on 88 and 108 MHz as shown in the original test report.

[A4. the eut working frequency is from 88.1-107.9MHz. see user manual and report ppage 7.](#)

Q5 The radiated emissions data for pages 9 to 17 are simply final numbers – there are no antenna correction factors, cable loss values, etc. It is not possible to verify these numbers. Kindly provide measured values, cable losses, antenna factors for all emission measurements. This is doubly important because the original test data showed some spurious emissions higher than the fundamental.

[A5 Please 15.239 page 13 to 21](#)

Q6 Kindly describe within the 15.239 Test Report steps taken - including any circuit modifications - to bring this device into compliance.

[A6, any modification was done to the eut. See report page 9](#)

Q8. The ATCB website has no record of receiving any modified files for either the Internal or External photographs. Kindly provide revised photographs.

[A8 Please see the file](#)

Q9 No test data was provided confirming the DH1, DH3 and DH5 dwell times. Please provide DH1, DH3, and DH5 plots for time of occupancy. It is not necessary to provide all three modes on all three channels. A zero-span mid-channel frequency showing DH1, DH3 and DH5 is all that is required.

[A9 please see the 15.247 report page 21 to 24](#)

Q10 Radiated emission data spreadsheets on pages 32, 33, and 34 of the 15.247 test report are simply not filled in. It is impossible to assure compliance with a “blank table”. Please provide antenna factors and cable loss in addition to peak or average readings. You are reminded that both hopping and non-hopping modes must be investigated.

[A10 please see the 15.247 report page33 to37](#)

Q11 The example calculation on page 36 of the 15.247 Test Report does not have any example values. Kindly demonstrate that sufficient measurement system sensitivity exists for making restricted band measurements at higher frequencies exist using a 1MHz RBW within the 17.7 – 21.4 GHz band on a 3M site.

[A11 please see the 15.247 report page33 to37](#)

Q12 Neither Test Report identifies the subject device by FCC ID. Please review. This is an FCC reporting requirement

[A12 please see report page 1](#)