

Response to TCB Findings

Q: Conducted test setup photos doesn't seem to have the Low Pass Filter that is seen in the internal photos of the enclosure. Please clarify the reason.

Due to this product having different configurations, several samples were pre-screened, and the sample with the worst case emissions was fully tested for the final emission results. This was sample #5, which did not have the low pass filter installed. (intended for direct radiation at 1 watt) the photos referenced were of the fully loaded sample #1.

Q: Has frequency stability been tested against voltage variations as required in 2.1055(d). Test report doesn't seem to address that. Please clarify.

Frequency stability was verified against an AC line variation of 97 VAC to 138 VAC with the power supply included with the product with no variation in carrier frequency. Additionally, the supply was seen to stay in voltage regulation over the AC line range stated above.

Q: Please specify the DC voltages and currents in the final RF amplifier stage of the radio as required by 2.1033(c)(8).

The final supply to the last stage FET is 5 volts +/- 2% at 510 mA.