

Response to TCB Findings

1. Please supply line conducted measurement data.
Supplied
2. The manual appears to imply that the integrator/user would be responsible for the construction of the wire antenna. Please clarify.
Wire antenna will be attached at the factory only. Page 5 Paragraph 3 of the User's Manual (Rev 1.2) is corrected and clarifies the issue.
3. The conducted peak output power measurements were taken with a bandwidth of 10kHz. Please clarify.
This is taken into account when using the "Channel Power" measurement function of the Agilent ESA series spectrum analyzer. The analyzer performs an integrated power measurement within the specified bandwidth. In our case the measurement bandwidth was set to 1.50 MHz, with the RBW at 10 kHz. This means that the analyzer will sum up the power spectral density in 10 kHz steps over a bandwidth of 1.50 MHz giving the total integrated power over 1.50 MHz. The 20 dB emission bandwidth of our signal is less than 500 kHz, so the 1.50 MHz bandwidth is more than sufficient to get the true output power.
4. What output power was the device set to during the radiated measurements; 20 or 27dBm?
All emission measurements were made at +27 dBm.
5. Please supply evidence that the transmitter shuts off when the supply voltage is outside the stated range.
Revised modular approval letter clarifies this issue.