

Dear Sir

Please find below the answers to your line of questions. I hope they meet with your satisfaction.

- 1) I would like to confirm that the ground plane is in fact beneath the concrete slabs when testing was performed. However, these concrete slabs were in place to protect the ground plane in the Open Area Test Site. Therefore, it will not be necessary to take into account the 4.7dB correction factor.
- 2) see test report.
- 3) see test report. (We confirm the average detector characteristics are as per CISPR 16-1)
- 4) This information must be gleaned from the manufacturers data sheets. This is not a test called up by the technical standards.
- 5) The reason why no pre-amplifier was used, was because a 10dB pre-amplifier was already incorporated within the spectrum analyser. There was sufficient margin between the limit line.
- 6) FCC Part 15.509(e) states: In addition to the radiated emission limits specified in the table in paragraph (d) of this section, UBW transmitters operating under the provisions of this section shall not exceed the following average limits when measured using a resolution bandwidth of no less than 1 kHz.
- Therefore a resolution bandwidth of greater than 1 kHz was used as allowed.
- 7) see test report.
- 8) see test report.
- 9) All intended emissions within 10dB of the peak were taken into account in the UBW bandwidth test. Those emissions within 10dB not taken into account were in fact spurious emissions.
- 10) The data does not show peak levels of the EUT operating in standby mode. These were in fact taken while the EUT was transmitting. However, taking into consideration the emission bandwidth that the EUT operates over, these peak emission levels were obtained by reducing the frequency span of the analyser at the frequency which maximum level can be found.
- 11) see test report.
- 12) see test report.