



Project "EMC Serbia"
Institute "Mihajlo Pupin"
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Belgrade, 2nd December, 2011

FREQUENTLY ASKED QUESTIONS No. 2

Procurement tender: Supply of RF Semi-Anechoic Chamber and EMC Test Equipment

Publication reference: 07SER01/13/51/01-3

No.	Question	Answer
1	In the Technical Specification for Lot2, on page 5, under point "T11: RF radiated immunity", the frequency range starts normally at 80MHz, not at 30MHz. Can you please confirm?	This is a typing error. The starting frequency should be 80 MHz, as specified in the standard. The more precise text for the T11 test should be "T11: RF radiated immunity, in conformance with EN 61000-4-3:2006 + A1:2008 + A2:2010, test equipment as stated in EN 61000-4-3 Clause 6, field up to 10 V/m (Test Level 3 in Table 1 of EN-61000-4-3), meeting the calibration requirements of Clause 6.2 over the frequency range 80 MHz to 2.7 GHz."
2	In the Technical Specification for Lot2, n page 14, under 2.2.2, we find "10V/m + 20%" not correct. In our opinion the correct value should be: "10V/m nominal CW+80%AM, 20V/m CW"?	Please note that text of the Technical Specification refers to standard IEC 61000-4-3:2006, which clearly specifies 10 V/m + 80% AM. The additional 20 % for the electric field strength was specified to allow for uncertainties in the applied level. The correct text should be "When used with the set of antennas and cables 2.2.1, the amplifiers shall be capable of delivering forward power required for achieving 10 V/m + 80 % AM at 3 m distance below 1 GHz and at 1 m distance above 1 GHz, in accordance with IEC 61000-4-3:2006, with additional 20 % headroom for the electric field strength to allow for uncertainties in the applied level. The amplifiers shall be capable of dealing with infinite load VSWR at this level without shutdown or damage."