

Dear Mr. Graff,

Would you be so kind to accept our partial answer in accordance with your questions.

- 1) MPE evaluation is included in Test Reports MADRAD\_FCC.14534, page 28 for SPR-2.4 and MADRAD\_FCC.14551, page 28 for BSR-2.4. In the EUT description, given in page 6 of both test reports, please see, that BSR-2.4 is equipped with 11 dBi internal antenna, SPR-2.4 - with 15 dBi internal antenna. Only these versions were tested and only for these versions Application for Certification was prepared.
- 2) There is no need in professional installation because only internal antenna is used. Please refer to operational description, external and internal photographs, test reports.
- 3) As depicted in test reports, pages 27- 28, and User Manual, pages 2-4, 4-7, 6-7, peak output power does not exceed 19 dBm for SPR and 24 dBm for BSR, EIRP does not exceed  $34 = 19 + 15$  (dBm) for SPR and  $24 + 11 = 35$  dBm for BSR. In Form 731 we gave rated output power .3 W (24 dBm). Should we show EIRP in Form 731? According to page 28 of the test reports the max EIRP is 2710 mW. Please advise.

In pages 6-3, 6-4 the 18 dBi antenna is mentioned as “not yet for FCC”, hence this antenna is not used in US applications.

Antennas identification is given in Operational Description. Please, again, only flat internal antennas shown in Internal Photos, are used. Third party antennas usage is optional and not for the USA.

- 4) we recommend to manufacturer to correct User Manual (as you can see - preliminary version)
  - a) to clarify Indoor Coverage, page 3-5;
  - b) to explain clearly, that BSR and SPR are used with one internal antenna only and in no case antenna connectors are used;
  - c) to explain, that 15 dBi antenna in BSR is used only in Europe - page 2-4.
- 5) we are waiting for the clarification from Marconi.  
Many thanks in advance for your patience.

Best regards,

Marina Cherniavsky,  
Hermon Laboratories  
certification engineer