Q6, my original concern is that the antenna pattern or gain could be changed when a secondary adaptive array is introduced to the near field region of the original antenna array. Could you please verify this?

Answer: There is a problem that the adaptive array system does not work with accuracy when the signal that is input into DSP is distorted. The signal is distorted and the calculation of array becomes inaccuracy, when each of RF system is brought near another. However, there is no problem by the restriction of separating those more than 40cm when operating.

Q7, On the grant, the power indicated will be total power of whole system but not partial of the system, so please supply total output power info. If antenna pattern does not change significantly after the introduction of the second antenna, then the usage of calculation method to sum up both output is acceptable.

Answer: There is no affecting of the second array as said in Q7 because PHS has self-sustaining carrier sense with personal station and cell station each, so it selects the frequency that is not in use and with no such affection.
Therefore, the sum of both outputs is the total output power.
Example: 255CH: 171.40+154.88=326.88[W]