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Re: FCC ID PM9MURS2

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1) The specifications and tune-up procedure say that the conducted power is 2 W (high) and 0.5 W (low). The measures ERP is 0.35 W (high) and 0.02 W (low). I would not expect the ERP to be that much lower than the conducted power. Please explain.

Two things account for the low ERP output. The antenna is a helically wound wire with low gain. The second is that the unit is tuned up on the bench using a power supply and when run out on the OATS the unit is powered by 4 new AA batteries. Batteries and the battery holder clips have a higher internal resistance with a 0.5 Ampere drawn through them.

Regards,

Mario de Aranzeta
Engineer