

Thanks. The two contracts listed on the Form 442 are:

F35 Production Contract: N00019-09-C-0010
CATB Program: N00019-02-C-3002

You can verify the CATB contract number with Anthony Nigro (see 1st attachment). I got the F35 Production Contract number from a WAD, but you should be able to verify the number with Mark Daugherty. I can probably track down another source if there's a problem with these numbers.

If the plant facility drawing is too detailed, I can certainly simplify it.

I'll confess I plagiarized the ERP number from the manufacturers license (they suggest doing so on their website). I think the 39.8dBm is actually the EIRP value from the antenna. If your transmitter outputs 19.9 pW, you have 3dB gain in the antenna, you get the required -140dBm at 100 feet, but I need to be sure what I'm talking about. I'll get you the requested link budget analysis as soon as I can verify my understanding.