

Response to ATCB007073 | NOO-F0650-311

1.) Please review your Agent Authorization and Confidentiality Request letter. Are you certain they are on 'official' ADC company letterhead?

SGS: Pls see the updated cover letters.

2.) Your 731 application does not properly list the transmit frequencies or emission designators. Please complete for all applicable modes [AMPS, TDMA, GSM, GPRS, CDMA, WCDMA, EDGE, etc.]. Please be sure that the maximum measured RF power and frequency tolerance is listed for each applicable modulation.

SGS: update 731 form. Pls see attachment NOO-F0650-311 ID application form rev1.pdf

3.) Your Test Setup photographs do not appear to show any input signal simulator. Was this device driven to full RF output during testing? Was radiated spurious emissions testing performed with all applicable modulations?

SGS: the signal simulator is out of the chamber, the signal transfer to the EUT via cable. The device is driven with max RF output status. Radiated test just performed with CW signal.

4.) Page 2-2 of the Manual indicates that a third band is available. Was this option tested? If I have misunderstood the Manual, my apologies.

SGS: The EUT just have 2 band available. Refer to table 2-4, band 3 is not available for this product. And in other way, for the RAU just a amplifier, the band is available or not judge by the Hub unit.

5.) Please review page 2-10, table 2-4 in the Manual. Which part numbers are applicable to this FCC ID?

What is a model FSN-1-SS-1?

SGS: FSN-8519-1 is applicable for the product for this FCC ID, FSN-1-SS-1 is the Hub part number, and it had been deleted from the report.

6.) All Licensed radio transmitters need a parts list and tune up specification provided. Products which do not have user accessible adjustments are still required per FCC rules to provide a tune up procedure to which product is manufactured. Kindly provide these documents.

SGS: update provided. Pls see attachment 'NOO-F0650-311 Tune-up Procedure - Wideband Cost Reduction.pdf' and 'NOO-F0650-311 BOM 1&2&3. pdf'

7.) Which is correct: the power on the application is per carrier, or the composite sum across all carriers which appear within the transmitter passband?

SGS: P73 and P77 show the manufacturer announced power, in the report, the power is per channel power.

8.) What is the signal drive level used for the intermodulation test?

SGS: also refer to P73 and P77, when more than one channel input, the channel power will less than one. In the intermodulation test, in fact, I just also use the 10dBm to drive the EUT, that is the input level near we test the Max output power status.

9.) Your radiated spurious emissions test needs more work. I acknowledged that all emissions may be more than 20dB below the limit, but there is also no evidence that the proper substitution method per TIA/EIA 603 has been performed. Please review your test results and provide more complete documentation.

SGS: In the report, there is the ERP/EIRP test procedure, maybe the words do not same as the procedure in the TIA/EIA 603, but in fact, they are the same produce. If you do not accept the description, we could update. Maybe the notch filter have not been said.

10.) Please review 22.917(b) and 24.238(b). Please provide emissions plots in the 1MHz immediately adjacent to each band edge for all applicable emission modes.

SGS: we will update the report later.