

## OPERATIONAL DESCRIPTION

### *DESCRIPTION OF EQUIPMENT*

FCC Section 2.1033

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|--|---|
| 1) Type of Emission: (c)(4)            | 64/256 QAM; 6M00D7W   |
| 2) Frequency Range: (c)(5)             | 2000-2700 MHz in select bands   |
| 3) Operating Range: (c)(6)             | 5 – 50 watts  |
| 4) Power Rating: (c)(7)                | 50 watts average  |
| 5) Variation of output power (c)(6)    | See calibration section, document #<br>DOC16-0057 of technical manual |
| 6) E & I on Final: (c)(8)              |   |
| Drain voltage                          | 10V   |
| Drain current                          | 7A each   |
| 7) Tune-up Procedures: (c)(9)          | See calibration section, document #<br>DOC16-0057 of technical manual |
| 8) Function of Active Devices: (c)(10) |   |

A list of active devices in the RF chains of the SD5000C transmitter can be found in the tune-up section. The relative position of each device may be found by referring to the block diagrams and schematics found in the technical manual.

❖ Frequency Stability Devices: See technical manual, document # DOC14-0038

❖ Spurious Suppression Circuits[k5]: Not applicable

❖ Describe Limiters:

    Modulation: Not applicable

    Power: See technical manual, document # DOC13-0177