

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) | 1 – 12.5 watts; 1 - 10 watts |
| 4) Power Rating: (c)(7) | 12.5 watts average QAM modulation; 10 watts average QAM modulation with three equally spaced 2 MHz carriers |
| 5) Variation of output power (c)(6) | See calibration section, document # 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 # DOC16-0057 of technical manual |
| 8) Function of Active Devices: (c)(10) | |

A list of active devices in the RF chains of the SD1250C 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