

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; 5 - 40 watts |
| 4) Power Rating: (c)(7) | 50 watts average QAM modulation; 40 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 SDA2500C 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.

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| ❖ Frequency Stability Devices: | See technical manual, document # DOC13-0020 |
| ❖ Spurious Suppression Circuits[k5]: | Not applicable |
| ❖ Describe Limiters: | |
| Modulation: | Not applicable |
| Power: | See technical manual, document # DOC13-0177 |