

OPERATIONAL DESCRIPTION

DESCRIPTION OF EQUIPMENT

FCC Section 2.1033

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)	2 – 25 watts; 2 - 20 watts
4) Power Rating: (c)(7)	25 watts average QAM modulation; 20 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.

❖ 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