

Post Grant Document for Experimental Special Temporary Authorization (STA) WC9XPG

9/6/06

Submitted by

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Per an email from Mr. Anthony Serafini of the FCC OET, this Post Grant Document is submitted to annotate a change to the Special Temporary Authorization WC9XPG.

The purpose of this post grant document is to add two additional center frequencies to the STA, WC9XPG. The initial license authorized experimentation in the "W-band", with an operating frequency of 93.5 GHz. Due to a system failure, a replacement local oscillator is required to continue the experiment. The loaner oscillator will result in a shift of the operating frequency. There are currently two potential replacement units, one which will yield an operating frequency of 93.6 GHz, and a second which will yield an operating frequency of 93.4125 GHz. One or both of these loaner oscillators will be used while repairs are attempted to the original oscillator.

Therefore, with the approval of the OET, we will continue the W-band experimentation using the following frequencies and emissions.

Frequency	Emission	Power	Tolerance
93.4125 GHz	0K00N0N 1G00G1D	489 Watts	0.001 %
95.3 GHz	0K00N0N 1G00G1D	489 Watts	0.001 %
93.6 GHz	0K00N0N 1G00G1D	489 Watts	0.001 %