

Exhibit Information – LM Full L-Band License Request

Lockheed Martin Aeronautics – Fort Worth is a major user of L-band telemetry frequencies for flight testing of F35 and other USAF, FMS, and Commercial programs. The L-band telemetry frequencies in the North Texas area have become congested due to increasing local users, higher sortie rates, and greater bandwidth requirements. L-band telemetry users in the North Texas area have cooperatively developed the Dallas-Fort Worth Area Flight Test Radio Coordinating Committee (DAFTRCC), a subcommittee of AFTRCC to provide local coordination and scheduling activities with the goal of relieving congestion, reducing interference, and increasing efficient use of a limited spectrum resource.

Licensing the full L-Band is critical in accomplishing the goals of DAFTRCC in that a full L-band license for major users allows greater flexibility, tighter carrier spacing, and efficient sharing of the band. The selected emissions designations provide for flexible but defined assignments for a range of bandwidth requirements and modulation techniques. A table of band-edge requirements has been developed and will be used to avoid OOB.

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