ADT Systems, Inc.
Form 442
June 8, 2023

Deployment Parameters of Pecos Experimental Program

The current stage of the experimental trial proposes operation from one tower and two remote end user sites. Each location will deploy directional antennas which will transmit on the 5925-6425 MHz band. Specific parameters of the proposed operation are detailed below.

Pecos Tower:

Location: 031.418611, -103.516536
Beam Width in Horizontal Plane: 5° at half power
Orientation in Horizontal Plane: 142°
Beam Tilt: +2°
Maximum Power: 200mW/4.0 W ERP

The trial will have two end user sites located at the following two sites within an 18-mile radius of the above tower, connecting to it with the following parameters.

End User 1:

Location: 031.199325, - 103.359544
Beam Width in Horizontal Plane: 5° at half power
Orientation in Horizontal Plane: 322°
Beam Tilt: -2°
Maximum Power: 200mW/4.0 W ERP

End User 2:

Location: 031.196350, - 103.361600
Beam Width in Horizontal Plane: 5° at half power
Orientation in Horizontal Plane: 323°
Beam Tilt: -2°
Maximum Power: 200mW/4.0 W ERP

Stop Buzzer Point-of-Contact Tommy Allmand 210.854.3884 tallmand@adtdata.com

No fees will be charged and no contract arrangements will be made between licensee and participants in the experiment

Licensee will retrieve all experimental devices upon completion of the experiment

Mimosa equipment has been certified for use in 5 GHz but not 6 GHz so I have selected YES on the experimental question of the application since the UNII-5 band over laps the 5 and 6 GHz frequencies