

FCC application 0126-EX-CM-2022**Response to request for additional information**

The modification that we are requesting is to enable us to demonstrate functionality of our new radar product lines in a field setting prior to going into production with the systems. Our testing location remains the same, we are seeking approval to operate at higher power. These new radar products are higher power versions of our existing HP100 product with higher output power (225W) and antenna gains. Our F-Series system legacy radar system remains the same and is used during tested as a reference standard.

Antenna Model	Lower Frequency (MHz)	Upper Frequency (MHz)	Frequency Units	Power (W)	ERP (kW)	Mean / Peak	Frequency Tolerance
High Pointer 100	9240	9620	MHZ	50	14	Peak	0.002
High Pointer 150	9240	9620	MHZ	225	57	Peak	0.002
High Pointer 250 + '4 antenna	9240	9620	MHZ	225	114	Peak	0.002
High Pointer 250 + '6.5 antenna	9240	9620	MHZ	225	227	Peak	0.002
High Pointer 250 + '8 antenna	9240	9620	MHZ	225	320	Peak	0.002
F25	9380	9440	MHZ	100	25	Peak	0.003

