



Title:	Description of Operation		
RF – type designation:	ST2-RX434UDA		
Kind of equipment:	UHF Rx Only for TPMS and RKE		
Platform:	FI90RF		
Variant:	B1		
Classification:	Customer Confidential		
Author:	Chris Brumm	Date:	5October2021

Theory of Operation

The Remote Start Antenna LIN Module (RSALM) captures UHF data from keyfobs and possibly the TPMS wheel sensors, utilizing an integrated antenna with UHF “Smart” Receiver, for transfer to the vehicle Body Control module via a private LIN2.0 serial interface for validation and processing

The RSALM is designed to operate with a 433.920 MHz Center frequency and supports reception with the transmitter frequency tolerance as follows:

- 429.580 MHz (Min)
- 438.260 MHz (Max)

