

Consumer Use Modes	Manufacturing & Service Modes	Mode of Operation	Explanation
	X	Forced Transmission MLF 1	On receipt of a particular LF sequence this Forced transmission allows the interrogation of the sensor in the vehicle factory or dealership
	X	Off Mode MLF 5	Off Mode is designed as a low power mode for storage and shipment. All transmissions are ceased and the sampling rates are ceased or reduced to conserve battery power and comply with regulations during transport.
X		Stationary Mode MLF 3	The TPMS Sensor will operate for most of its life in Stationary Mode; it is designed to reduce demand for battery current while still maintaining a lower level surveillance of tyre pressure and temperature. Stationary mode is entered when the vehicle is in a stationary state and no motion is detected for more than 1 hour (15 minute Interim Period plus 45 minute TFA Stationary Mode has expired). Can be put in this mode through MLF 3.
X		Learn Drive Mode	The TPMS Sensor will operate in this mode for the first 10 minutes of motion when moving from Stationary or TFA Stationary Mode. The transmitter will enter this mode when the vehicle speed exceeds the drive transition threshold of >20kph. In this mode (PAL) the transmitter regularly monitors the shock sensor signal, upon meeting the appropriate criteria for correlation; the sensor transmits 3 frames with a short preamble before the 1st frame.
X		Drive Mode	The TPMS Sensor will enter this mode after the first 10 minutes of motion (transition from Learn Drive Mode). The sensor ceases PAL sampling for the remainder of the drive. The sensor transmits 3 frames with a short preamble before the 1st frame every 30 seconds.
X		Interim Mode	The sensor enters this mode when motion is no longer detected and sensor is in Normal Drive Mode. There are no scheduled transmissions in this mode and the sensor will remain in this mode for 15mins provided no motion is detected. If motion is detected within the 15mins, the sensor will re-enter Normal Drive Mode. After 15mins of no motion the sensor will transition to TFA Stationary Mode and the PAL timer is reset.
		Pressure Measure Mode	Sensor enters this mode upon detection of a pressure delta ≥ 100 mbar (positive or negative). Upon verification of pressure delta the sensor will transmit 3 frames with a short preamble before the first frame. The sensor proceeds to rapidly measure pressure and temperature every 1s for a duration of 10s.

Mode	Pressure	Temperature	Motion	LF	RF TX Rate
Stationary	60s	60s	10s	3s *	No scheduled
TFA Stationary	3s	3s	9s	3s *	No scheduled
Learn Drive	10s	10s	10s	N/A	10s - 35s
Normal Drive	10s	10s	10s	N/A	30s