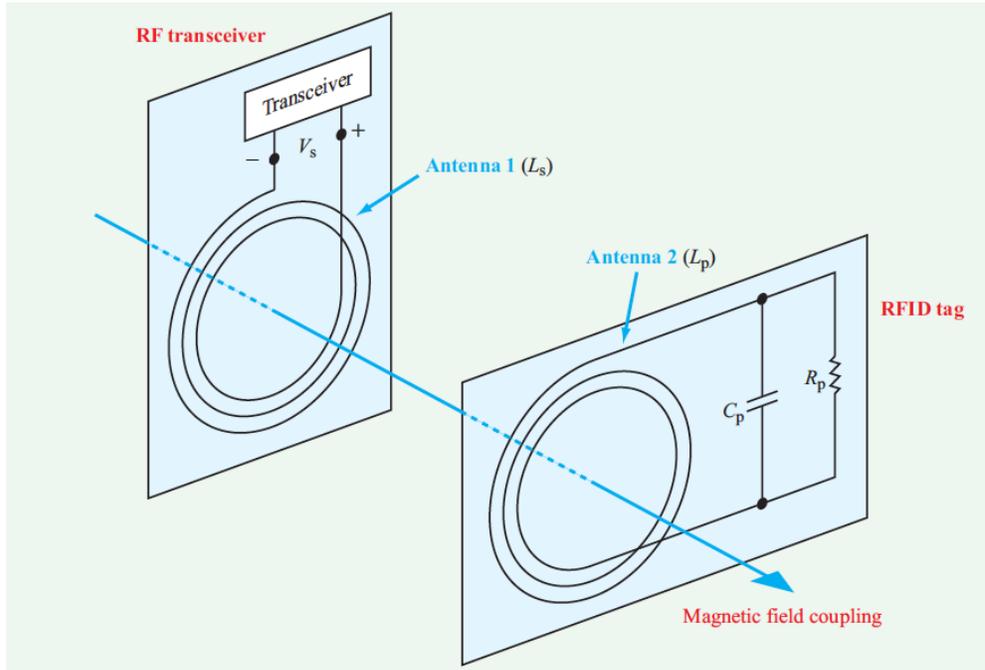


Concept Question 6-9: How does the transceiver elicit a reply from the RFID tag?



When the transmitter is turned off, the circuit of the RFID tag reacts by creating an underdamped response that gets picked up by the receiver part of the transceiver. This response contains a few bits of information identifying the identity of the tag. The RFID tag can reply by modulating either the amplitude or frequency of the oscillation induced (which couples back to the transceiver).