



To Whom it May Concern:

Part 15 Unlicensed Modular Transmitter Results

1.	The modular transmitter must have its own RF shielding	Shielding is integrated in the CMOS and package design. Please review the attached schematic and layout of the USB Adapter. LMX5453 Adapter Module is a fully integrated RF Transceiver, which has both baseband and RF IC in a plastic package. The entire signal chain on receiver (LNA, mixer, filters, level shifters, phase detector, equalizer), transmitter (IQ modulator, DACs, filters, mixer and PA) and synthesizer (PLL, VCO and phase detector) are integrated within LMX5453 device silicon. The RF silicon design was completed with RF shielding in the silicon design and plastic package. This complies with part 15 FCC requirements for transmission. Additionally, due to the design, it also is immune to external coupling from other circuits in a system. As a result of limited screening the LMX 5453 Adapter Module does not fully comply with #1, therefore limited modular approval applies.
2	The modular transmitter must have buffered modulation/data inputs	The LMX5453 Adapter Module has buffered modulation/data inputs as shown in the datasheet.
3	The modular transmitter must have its own power supply regulation	The LMX5453 Adapter Module Transmitter power supply is regulated by U3 and U4. See Schematic
4	The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c)	All 4 antennas have been tested with the LMX5453 Adapter Module.
5	The modular transmitter must be tested in a stand-alone configuration	The LMX5453 Adapter Module is tested in a standalone configuration.
6	The modular transmitter must be labeled with its own FCC ID number, and, if the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the	FCC ID will be printed on top of the module when the application is approved.

	module is installed must also display a label referring to the enclosed module	
7	The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements	The LMX5453 Adapter Module datasheet and operation manual are provided with the application.
8	The modular transmitter must comply with any applicable RF exposure requirements	The LMX5453 Adapter Module transmitter complies with 15.247(i) requirement. Please review the test report.