



Rev: r2

Date: 2017-04-02

Model AMNPTTX01 – Applicable Devices

This document lists the differences between device assemblies that are under Model AMNPTTX01 and distinguished by their Part-numbering.

Model	Part Number	Comment
AMNPTTX01	AMN38213_PB	Original device that was tested through certification process.
AMNPTTX01	AMN38213_PB_XD_[xx]	Compatible device with certain assembly changes.

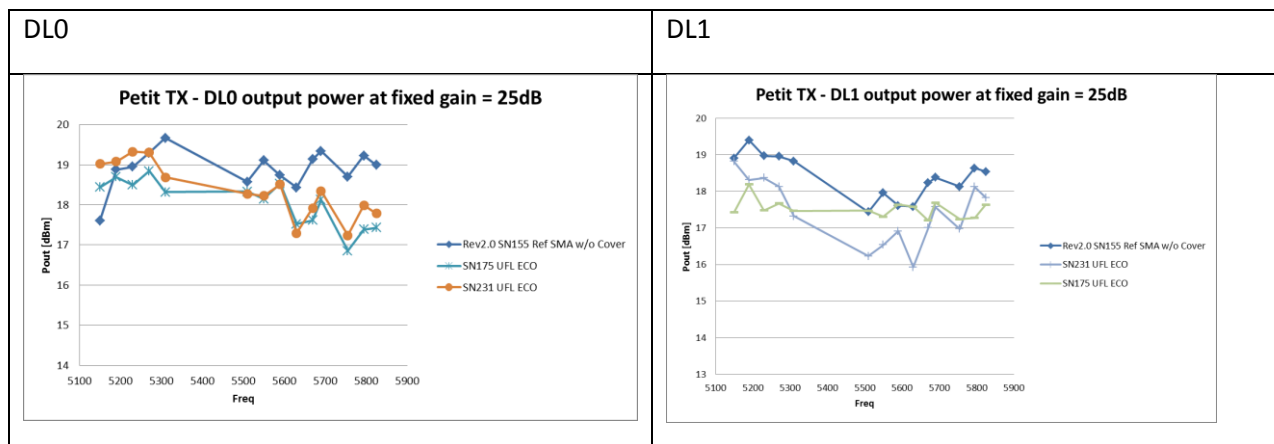
Details of Assembly differences

Item#	Function	Description	Compatibility Assessment	Part-Number	
				AMN38213_PB	AMN38213_PB_XD_[xx]
1	Antenna Connector	PCB layout provides two options for external antenna connection.	This change involves passive components changes to route signal to different antenna connector type. Assessment of power differences was done and presented herein	J2, J3: RP-SMA connector;	J1, J4: U.FL Connector
2	Provision to DC output	Provision to DC output (for Fan)	Connector was removed on early stages. Not used. (assessment not required)	J9 - removed	J9 – removed



Assessment measurements

Item#1: Output power at UFL connector vs. RP-SMA connector

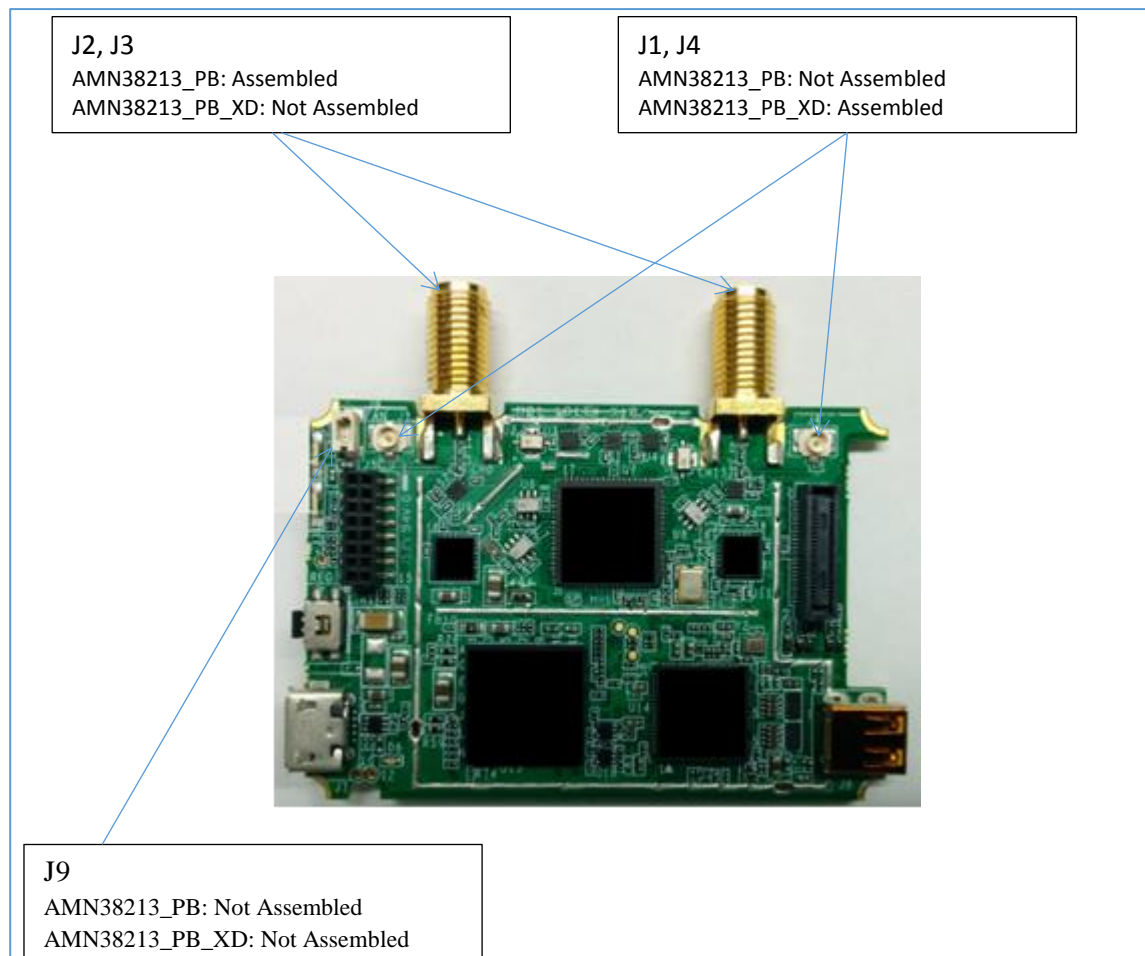


Conclusion:

Output power at UFL connector is equal or lower than at the RP-SMA connectors.

Power Calibration is done on each device at the production line, accommodating the change.

Device Picture



Document Revision Control

Rev	Date	Name	Details
r1	2017-04-02	Arik I.	Release
r2	2017-04-02	Arik I.	Add J9 to the list