



**PTCRB Validation Group (PVG)**  
**PVG#79**  
**Washington, DC USA, 15-16, November 2017**

## **Liaison Statement**

For submission to: 3GPP TSG-RAN WG5  
Cc: PTCRB, PVG

**Source: PTCRB / PVG**

**Document: R5-174551**

**Subject:** Response to the LS from 3GPP TSG-RAN WG5 concerning the impact of 4Rx Downlink Antenna ports on RRM and RF performance Legacy Tests.

**Summary of Content:** The PTCRB / PVG would like to thank 3GPP TSG-RAN WG5 for their input and recommendations documented in the R5-174551 Liaison Statement regarding the RF and RRM performance legacy tests for 2-Rx and 4-Rx configurations.

The PTCRB / PVG are working on a concept to address the impact to the Test Case validations and certifications that the 3GPP TSG-RAN WG5 noted in the LS. These concepts will be further discussed within PVG.

### **1. Action Requested**

PTCRB / PVG appreciates the insight of 3GPP TSG-RAN WG5 and looks forward to the enhancements addressing the RF and RRM performance legacy tests for 2-Rx and 4-Rx configurations.

### **Dates of Next Meeting**

3GPP RAN5 #77 27 November – 01 December 2017, Reno, NV. USA.  
PTCRB #90 4-7 December 2017, South Beach Miami, FL. USA  
PVG #80 21-22 February 2018, Fremont, CA USA