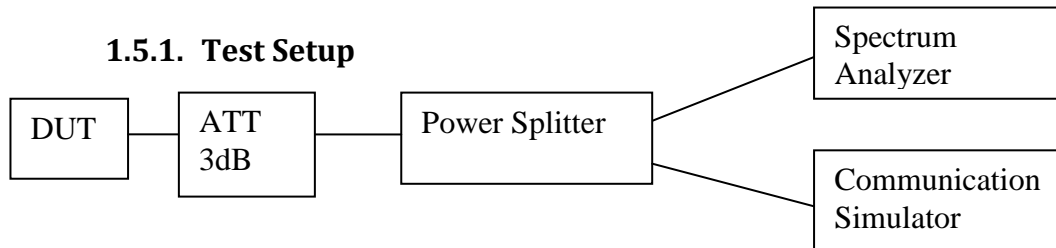


1.5. Conducted Spurious Emission

1.5.1. Test Setup



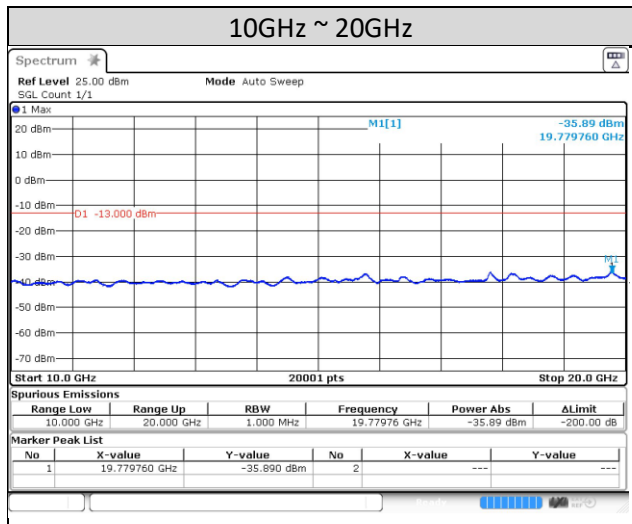
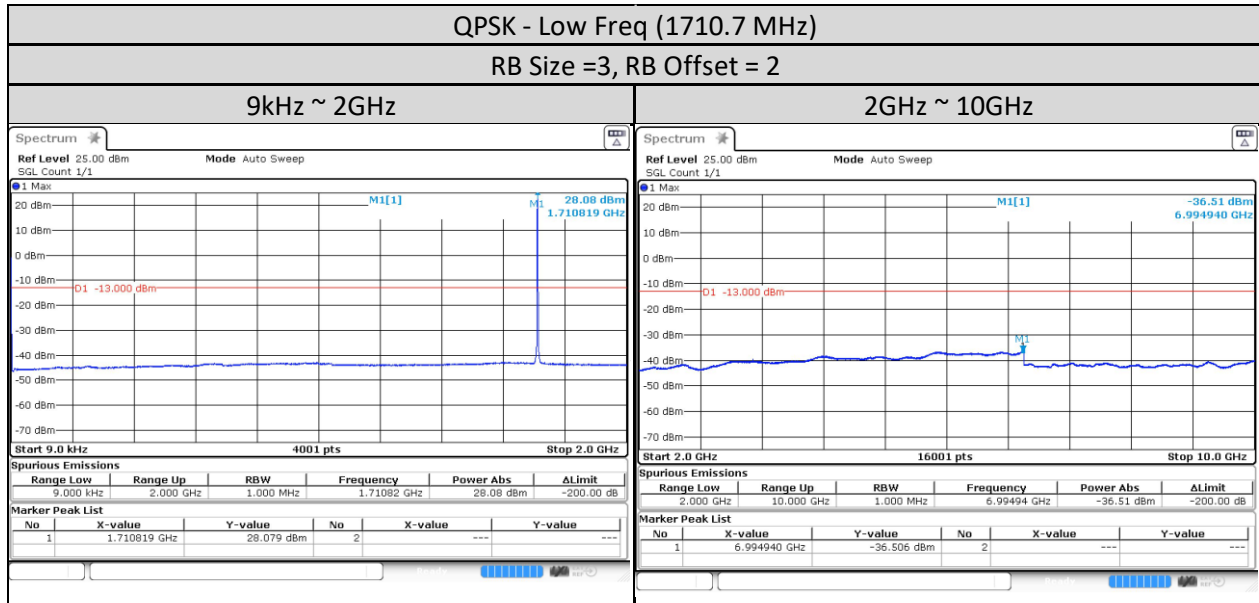
- 1) The DUT transmitter output port was connected to communication simulator with above setup.
- 2) Path loss for the measurement included.
- 3) Set DUT to transmit maximum power through communication simulator.
- 4) Spectrum Analyzer setting, RBW = 1 MHz, VBW = 3 MHz.
- 5) The spurious emission of lowest, middle and highest channels with the highest RF powers were measured.
- 6) Record the maximum trace plot into the test report.

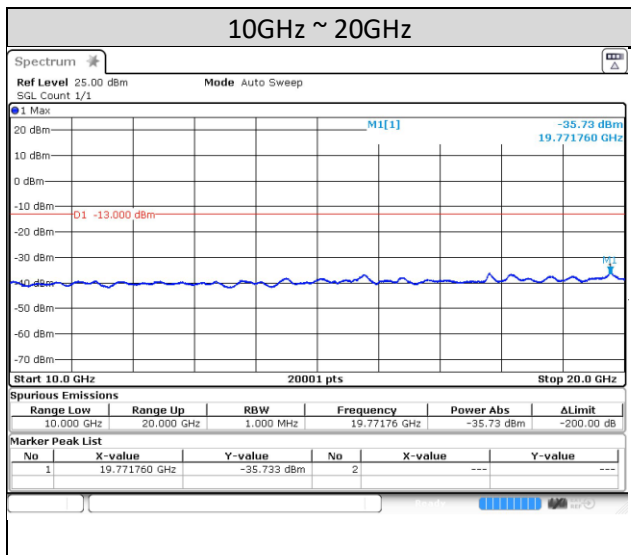
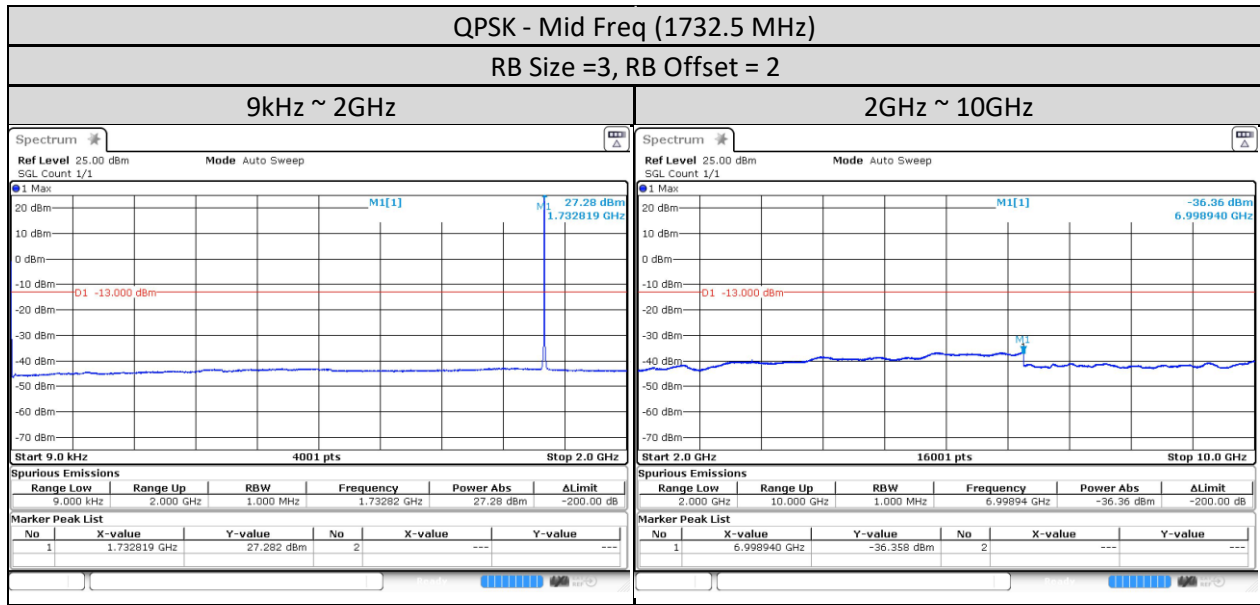
1.5.2. Test Limit

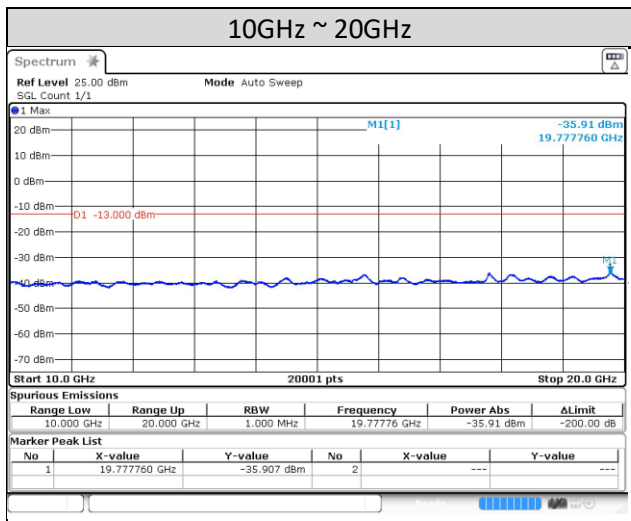
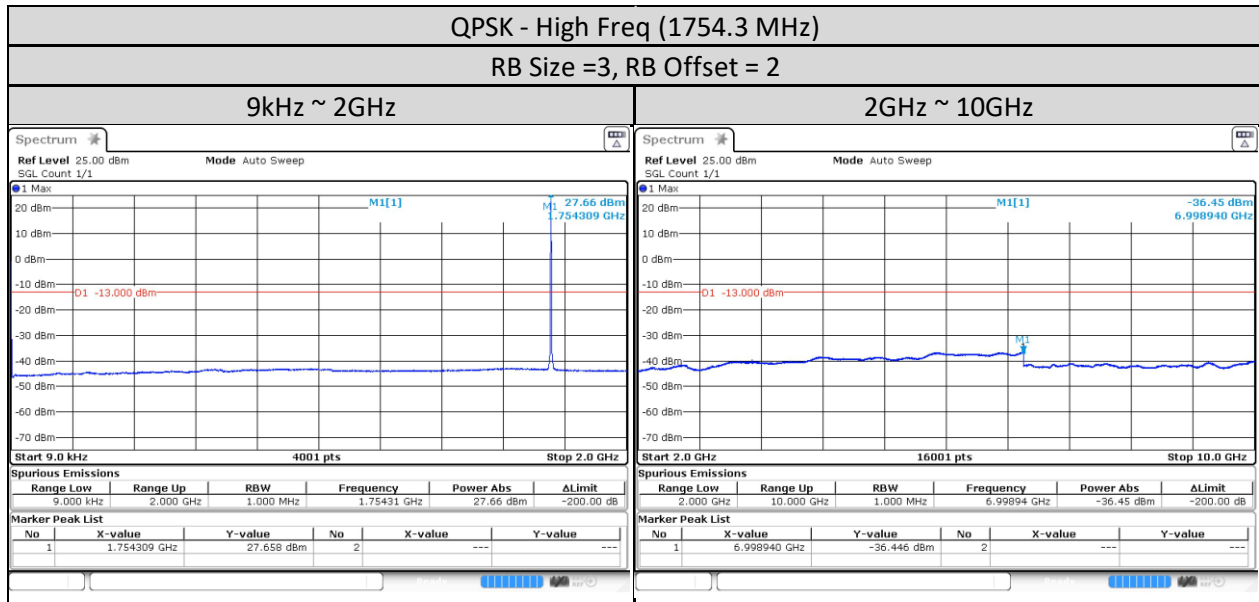
For operations in the 1710-1755 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB. The measurement instrumentation is employing a resolution bandwidth of 1 megahertz or greater.

1.5.3. Conducted Spurious Emissions – LTE Band 4 (1710-1755MHz)

1.4MHz







3MHz

