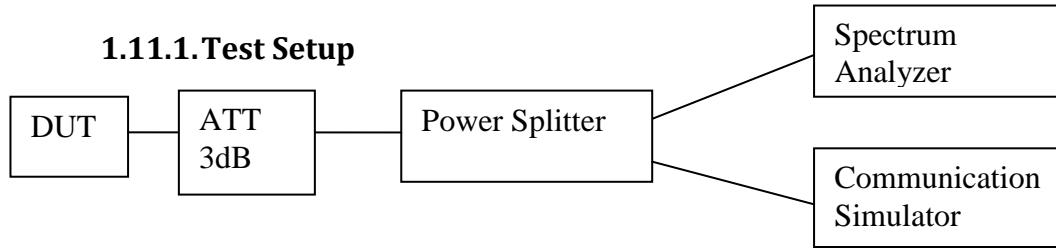


## 1.11. Conducted Spurious Emission

### 1.11.1. Test Setup



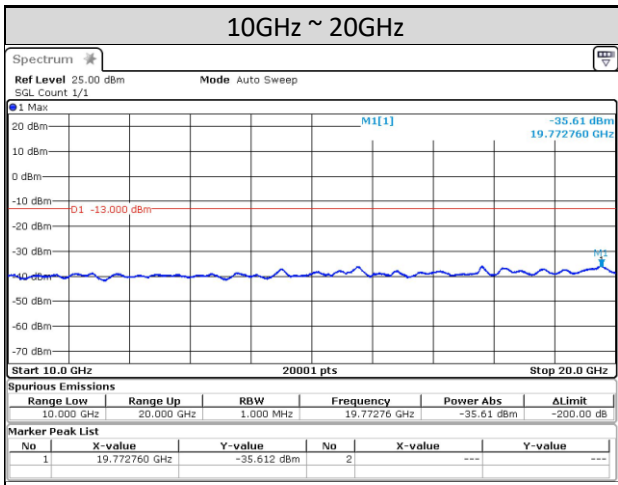
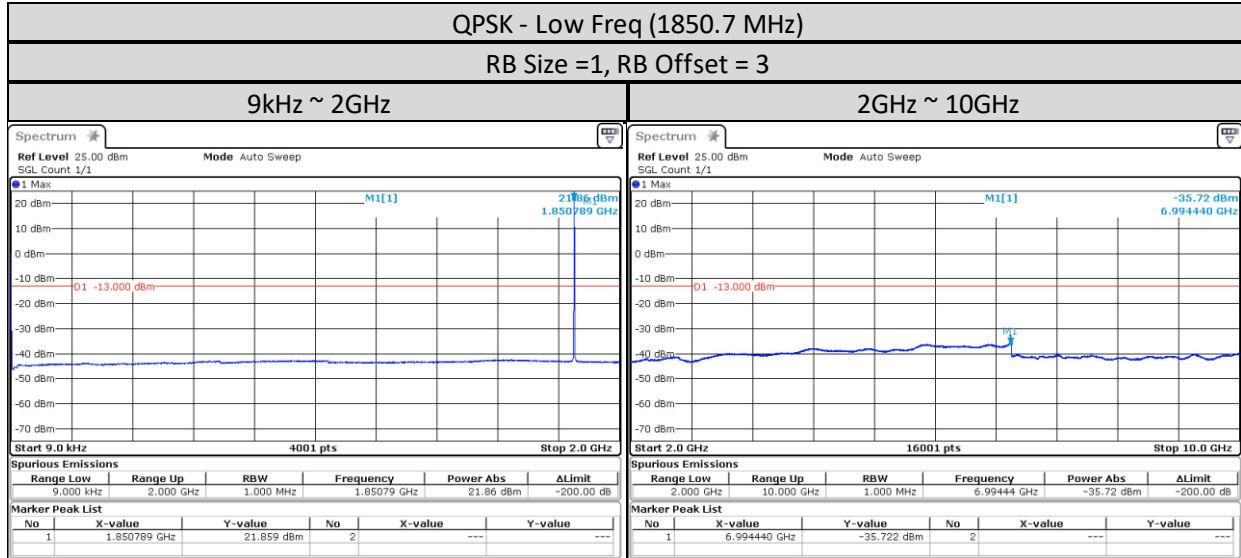
- 1) The DUT transmitter output port was connected to communication simulator with above setup.
- 2) Path loss for the measurement included.
- 3) Set DUT to transmit maximum power through communication simulator.
- 4) Spectrum Analyzer setting, RBW = 1 MHz, VBW = 3 MHz.
- 5) The spurious emission of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

### 1.11.2. Test Limit

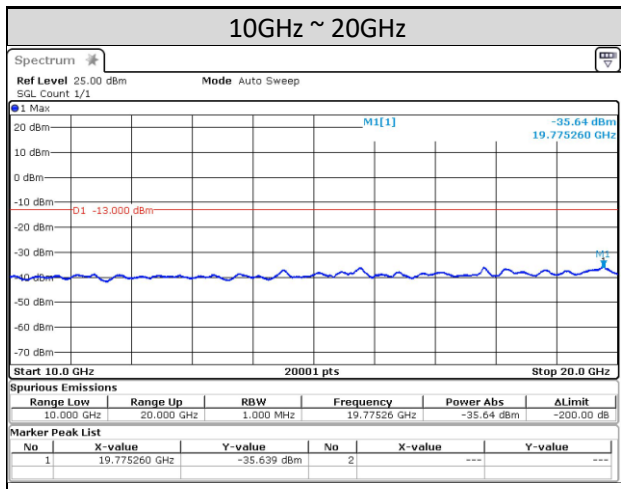
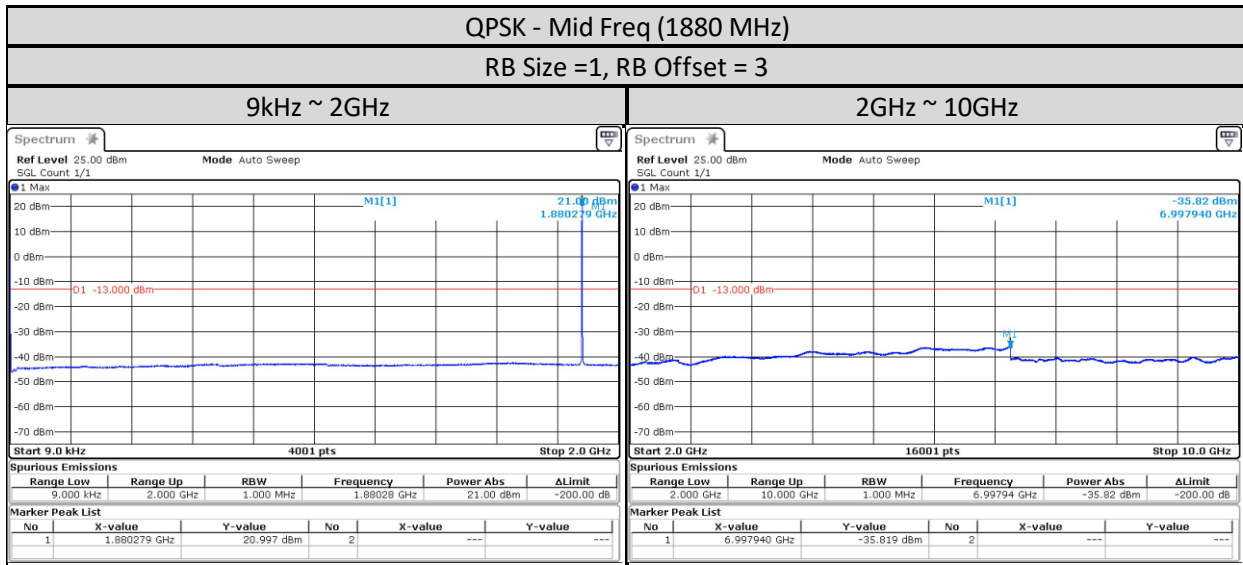
The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log_{10} (P)$  dB. The measurement instrumentation is employing a resolution bandwidth of 1 megahertz or greater.

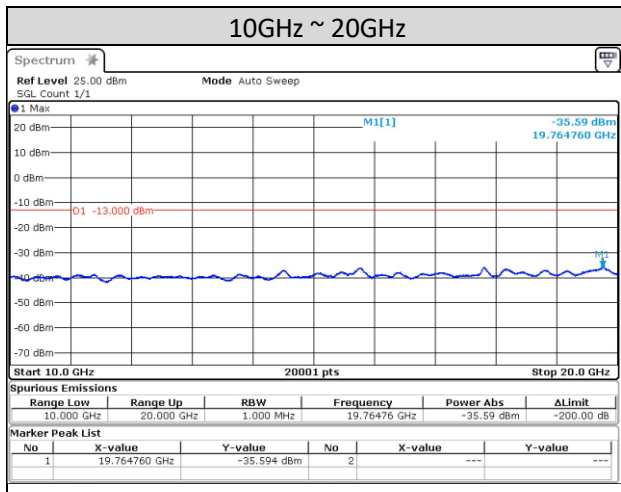
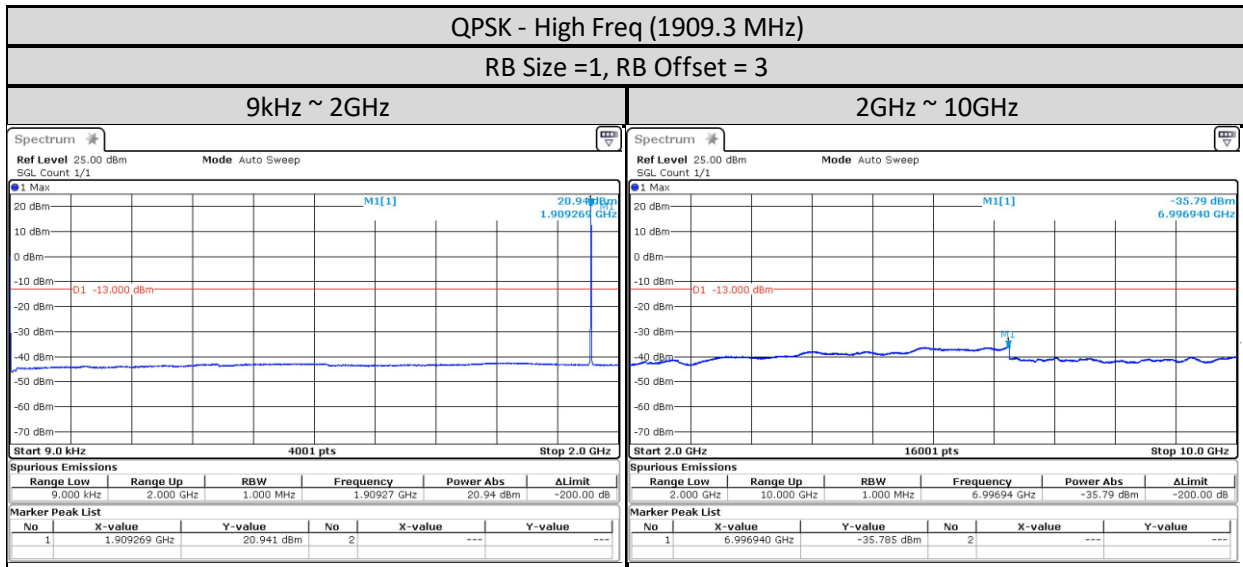
### 1.11.3. Conducted Spurious Emissions – LTE Band 2 (1850 -1910 MHz)

#### 1.4MHz

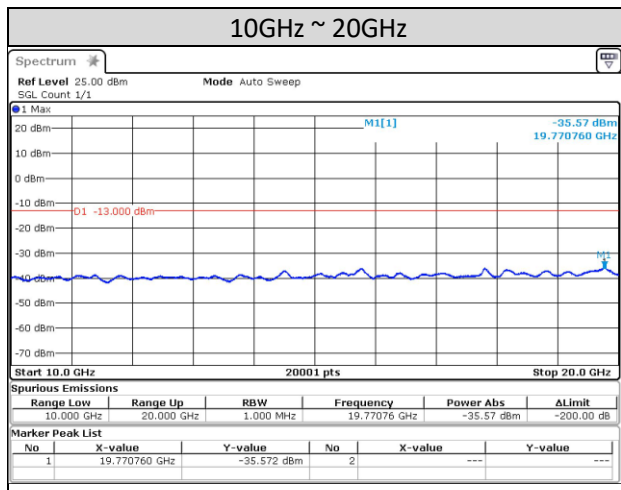
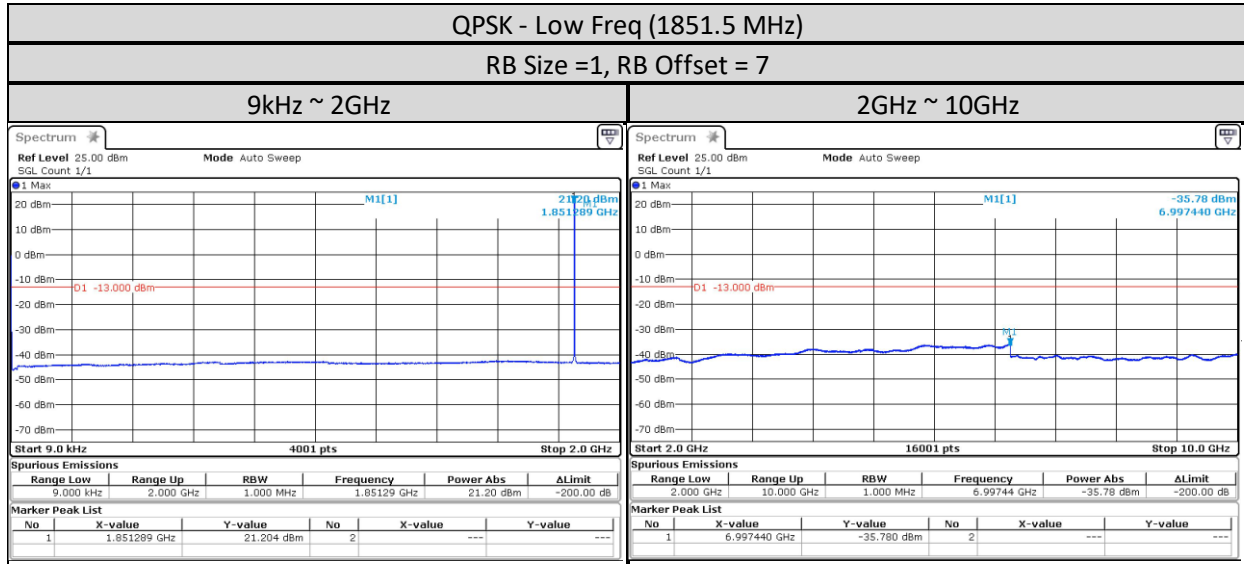


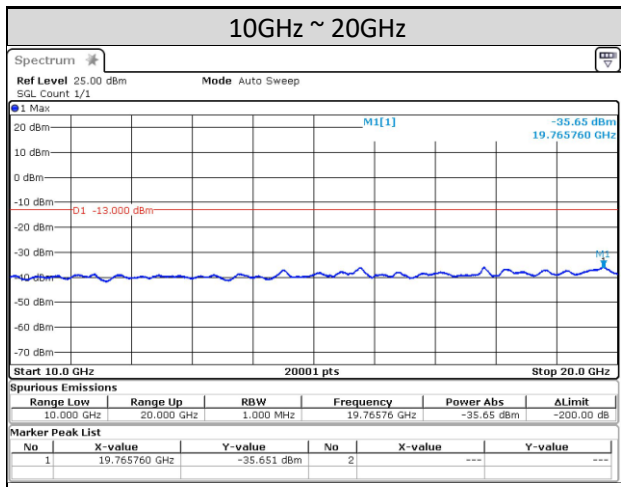
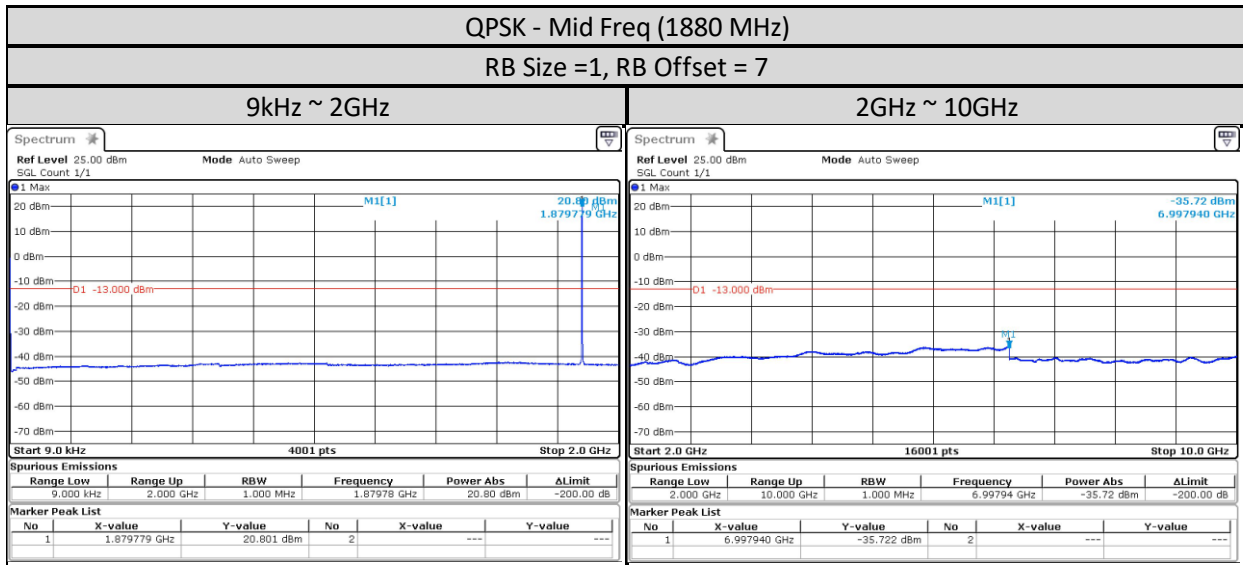


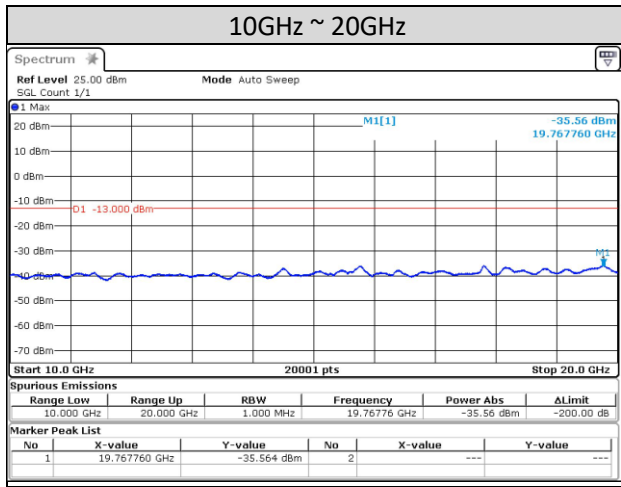
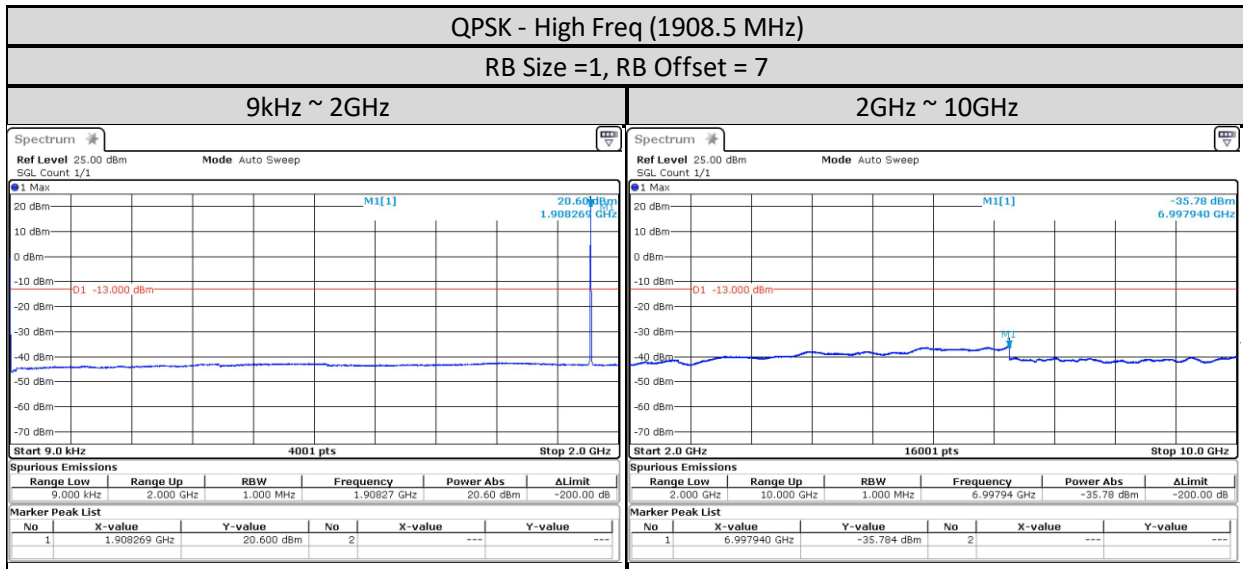




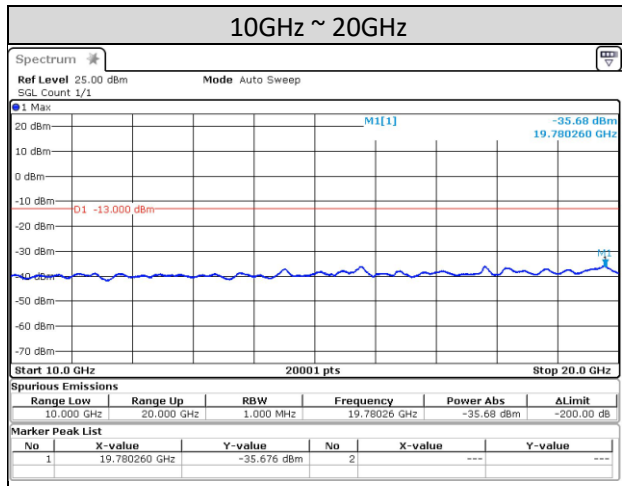
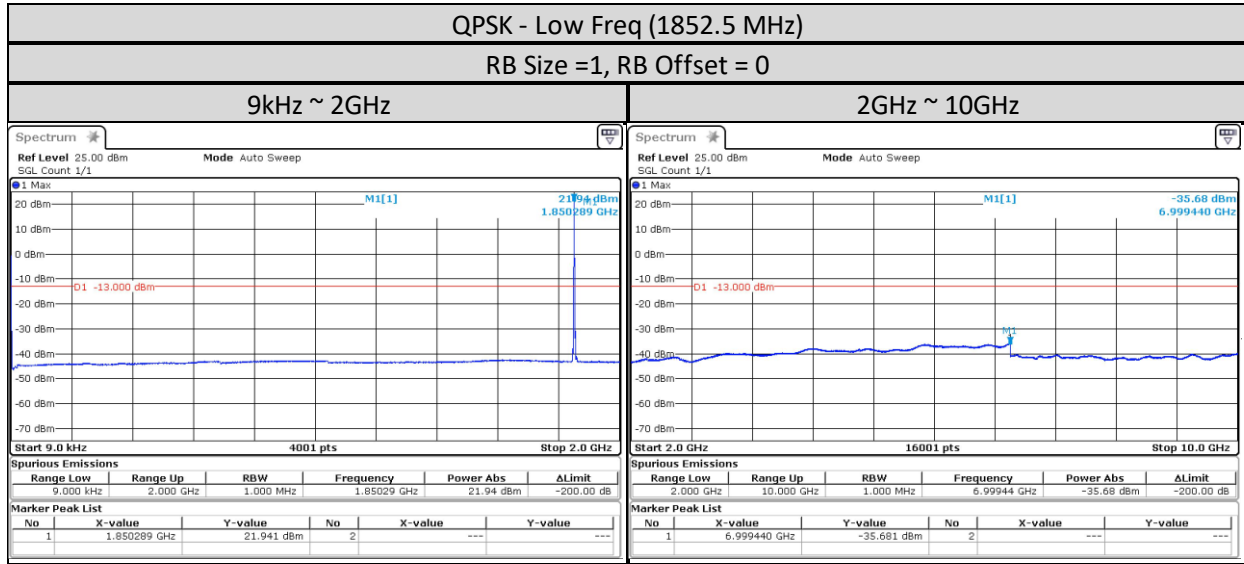
**3MHz**

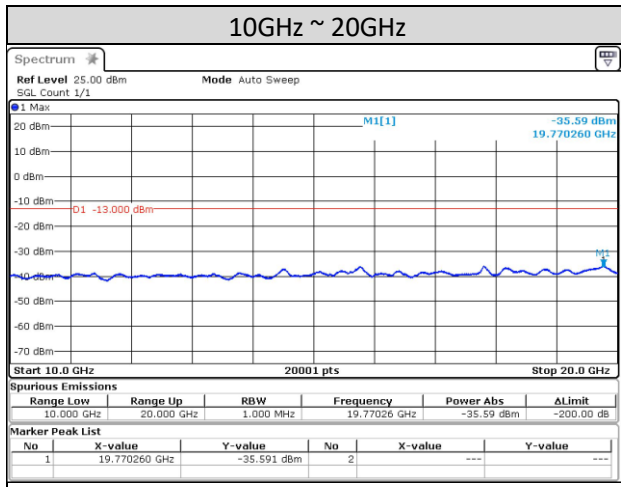
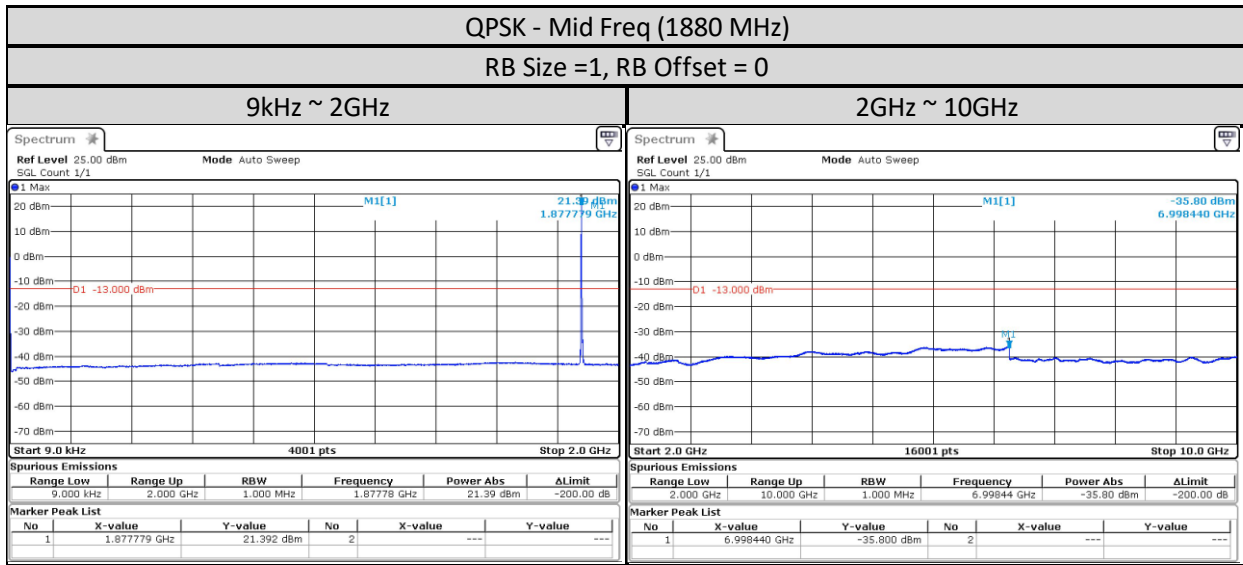


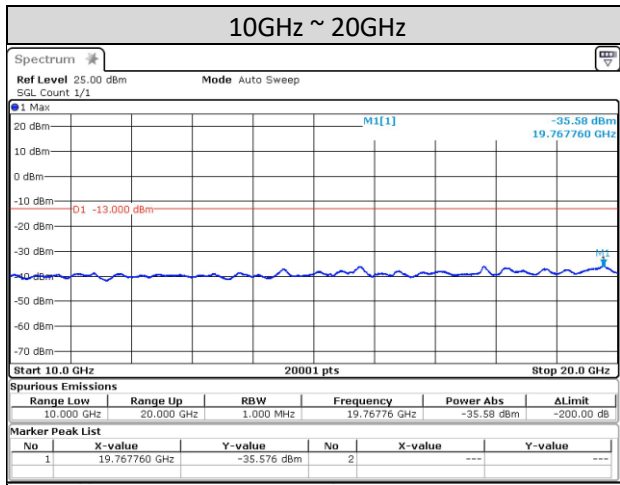
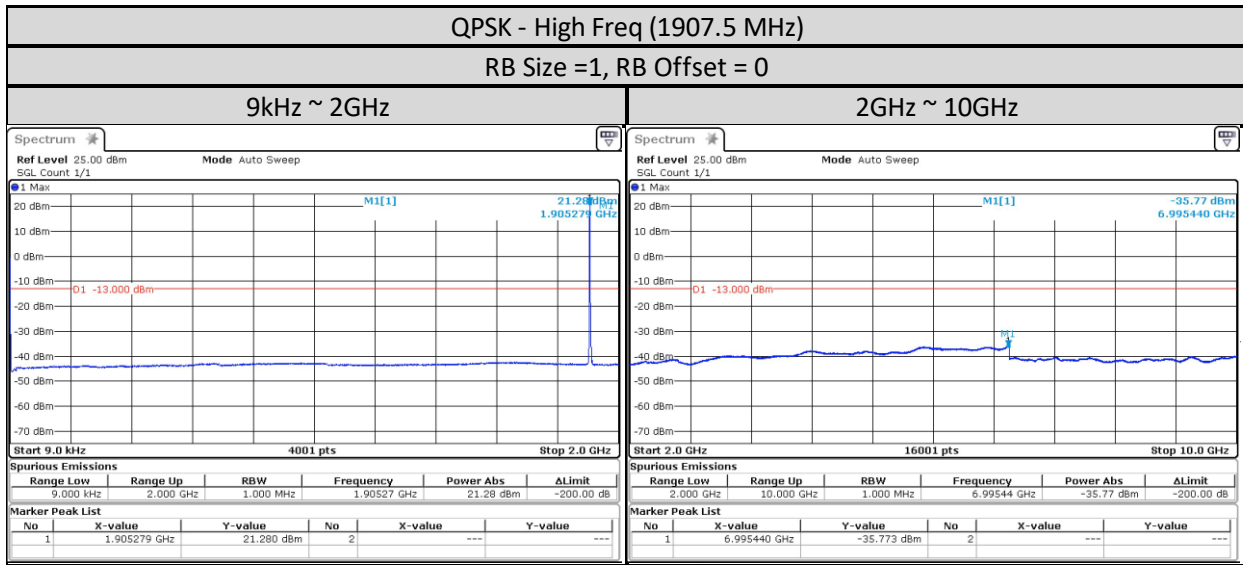




**5MHz**

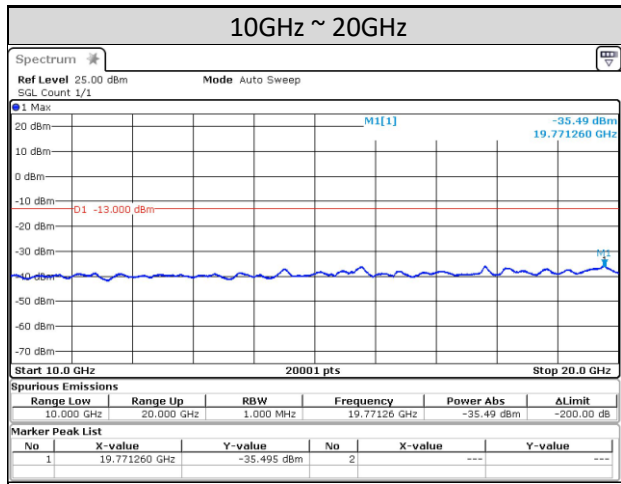
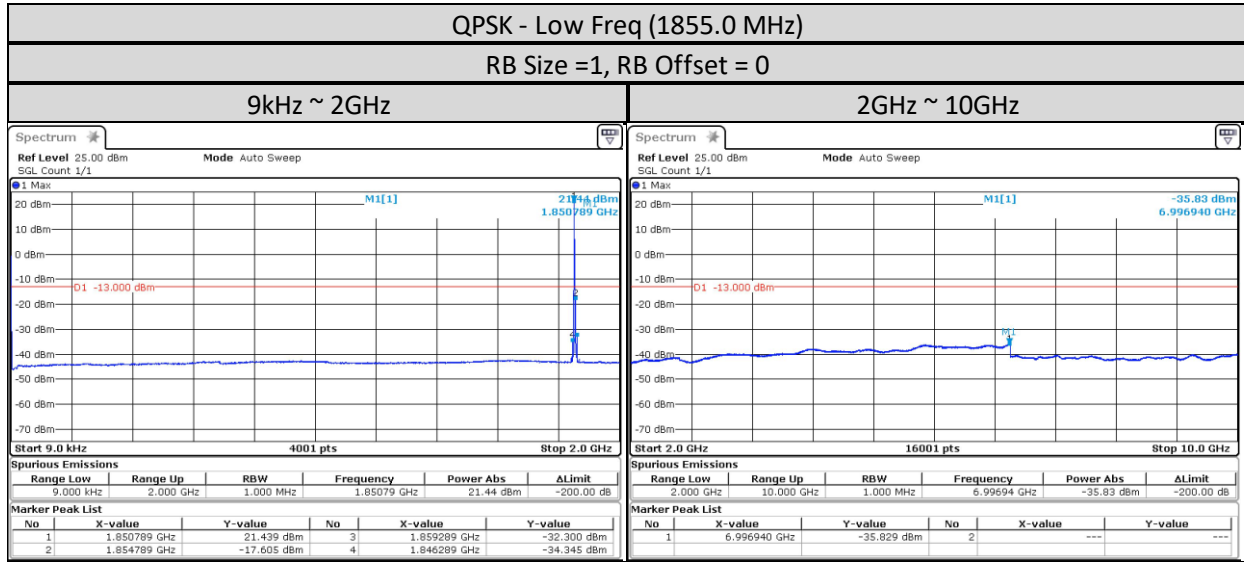


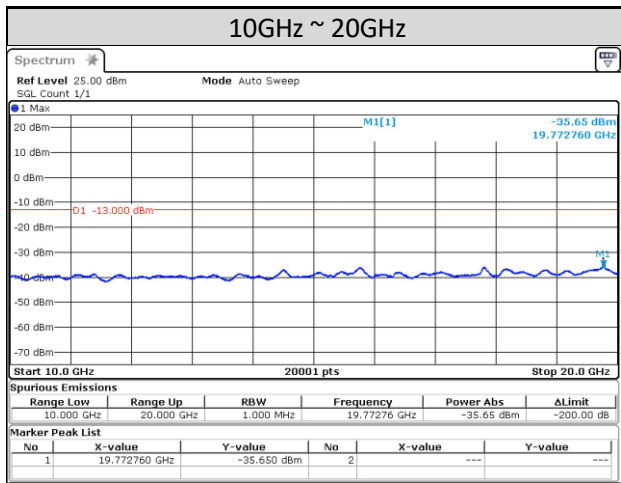
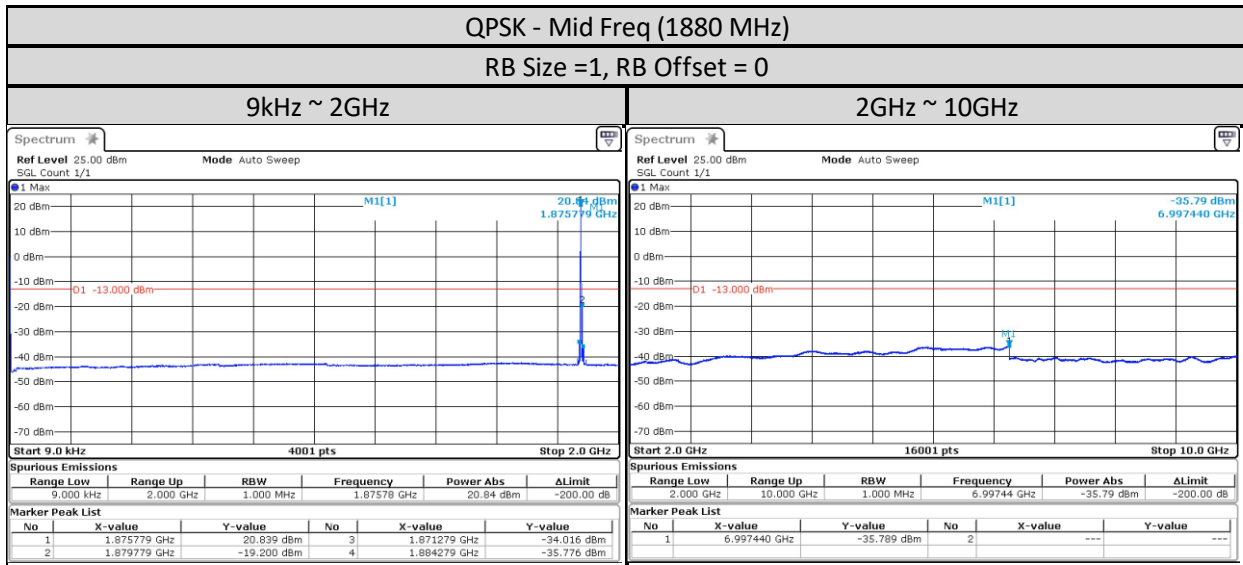


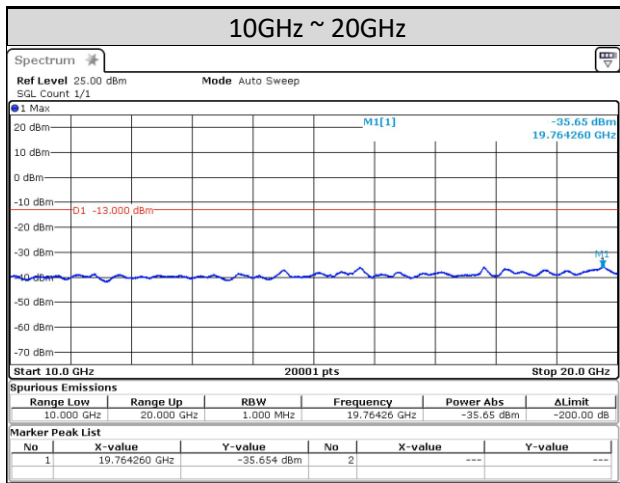
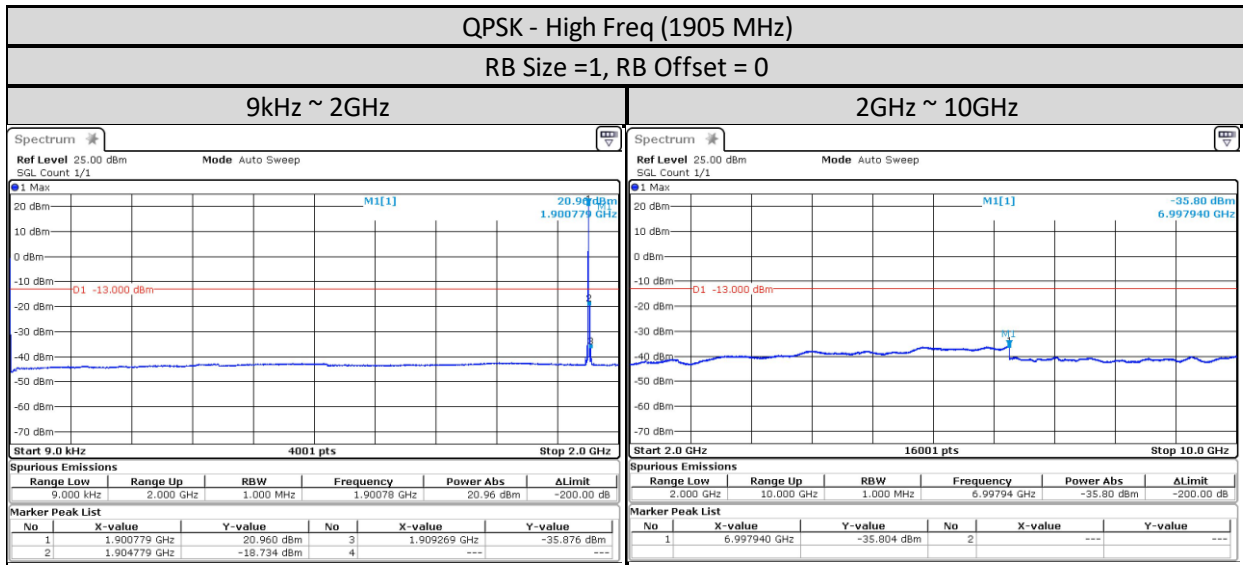




**10MHz**







**15MHz**

