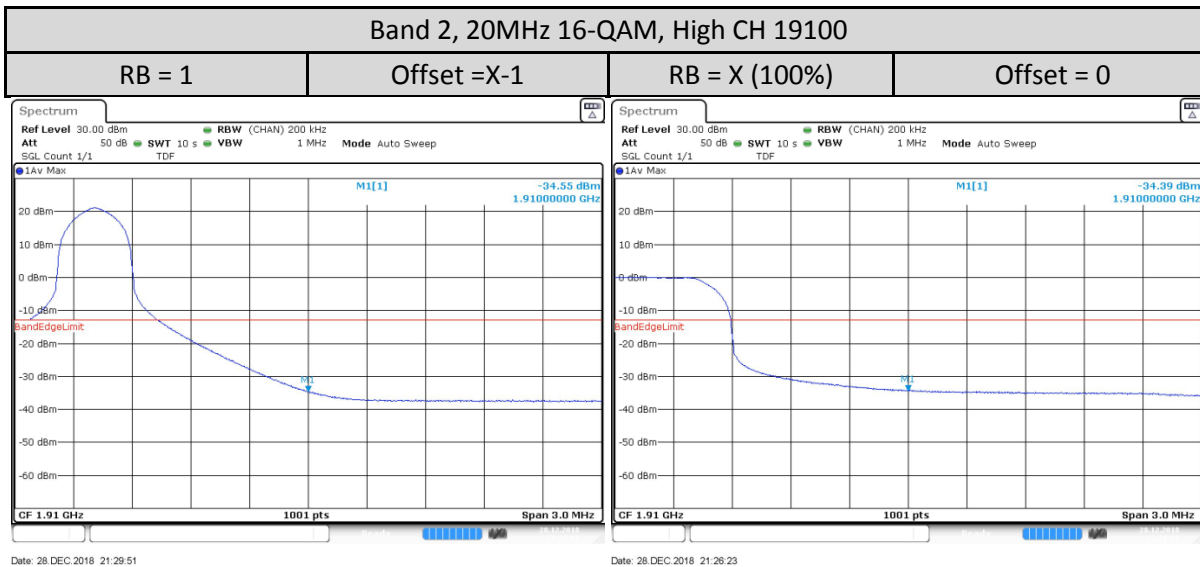
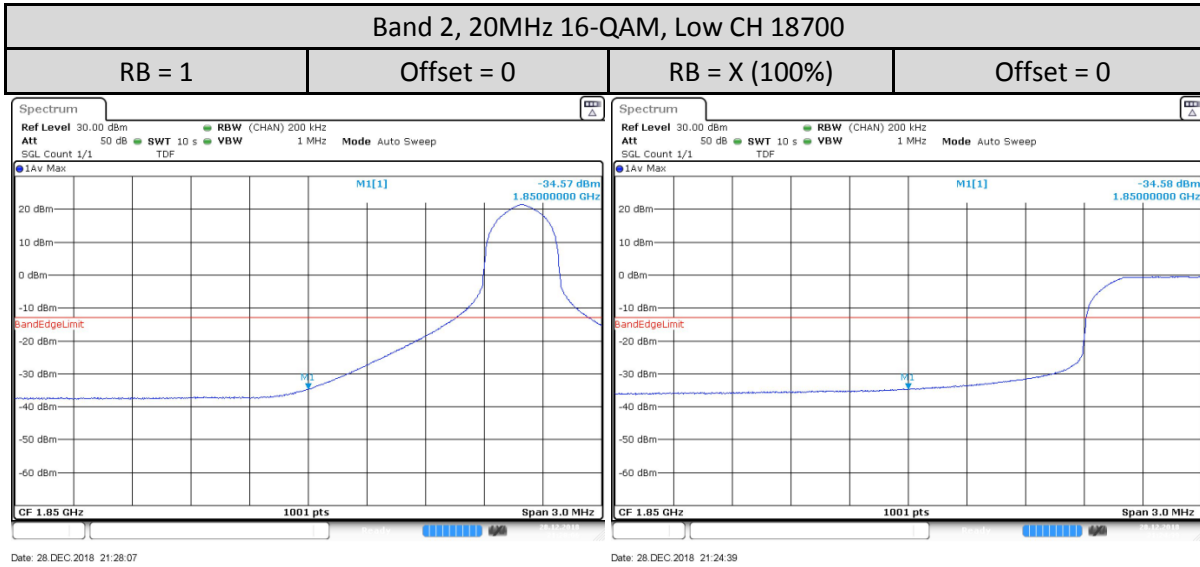
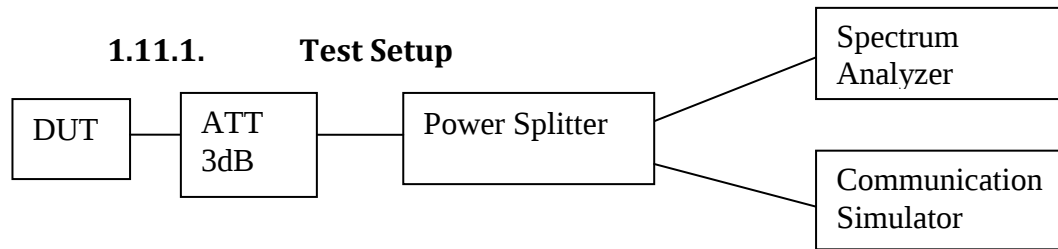




## 1.11. Conducted Spurious Emission



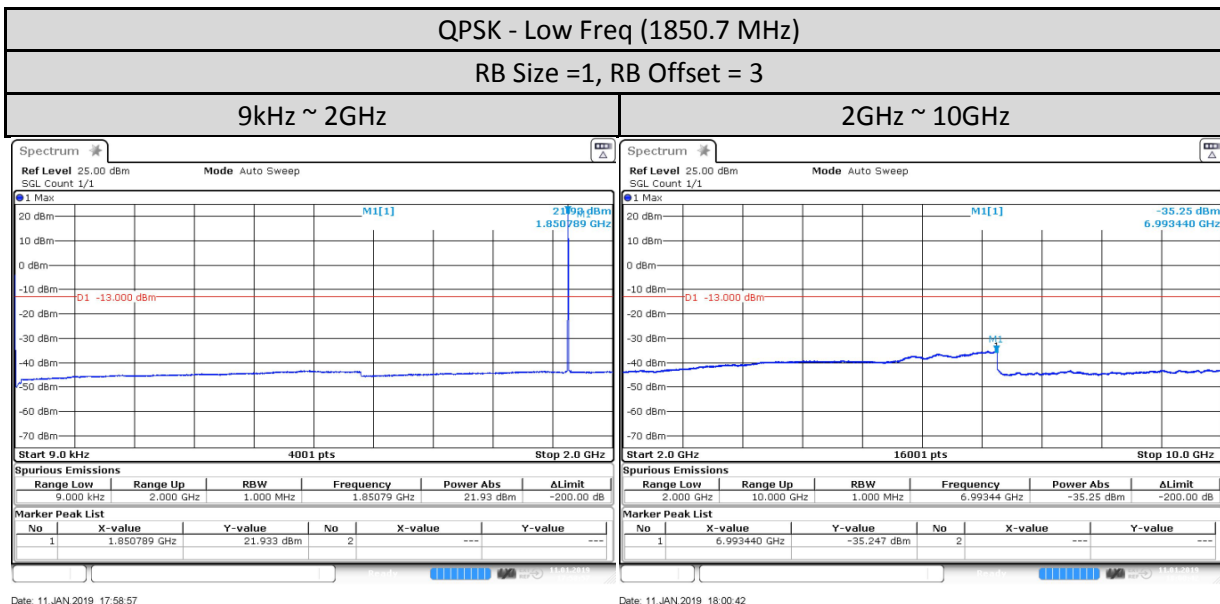
- 1) The DUT transmitter output port was connected to communication simulator with above setup.
- 2) Path loss for the measurement included.
- 3) Set DUT to transmit maximum power through communication simulator.
- 4) Spectrum Analyzer setting, RBW = 1 MHz, VBW = 3 MHz.
- 5) The spurious emission of 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.

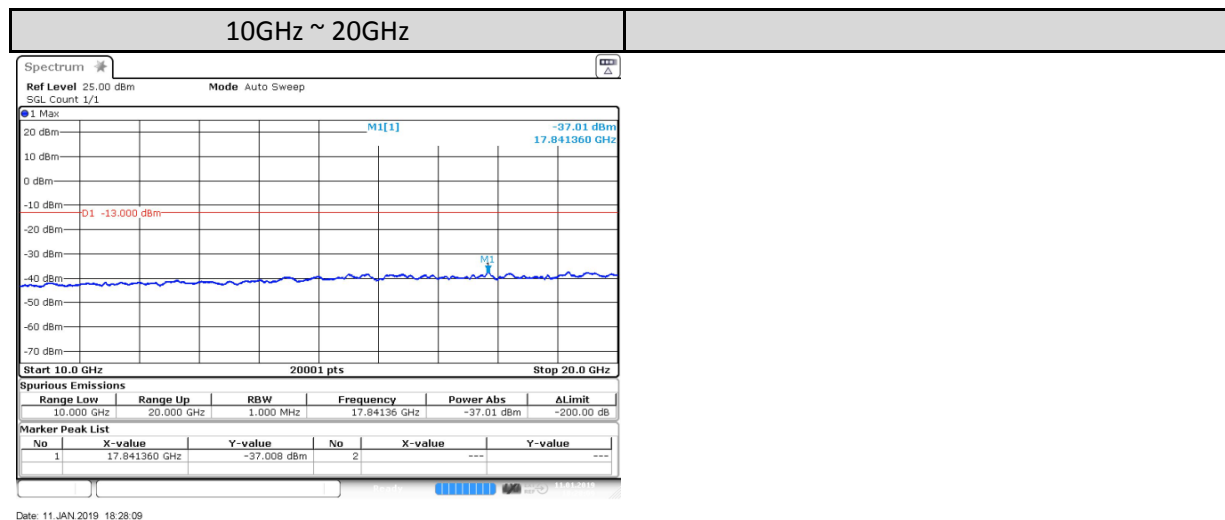
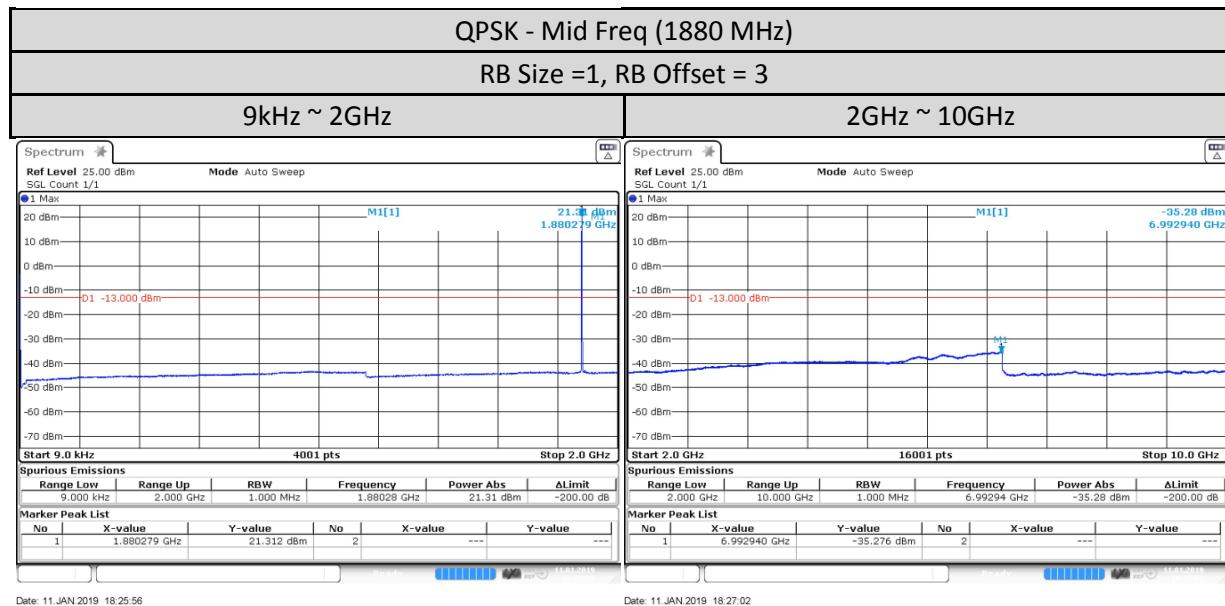
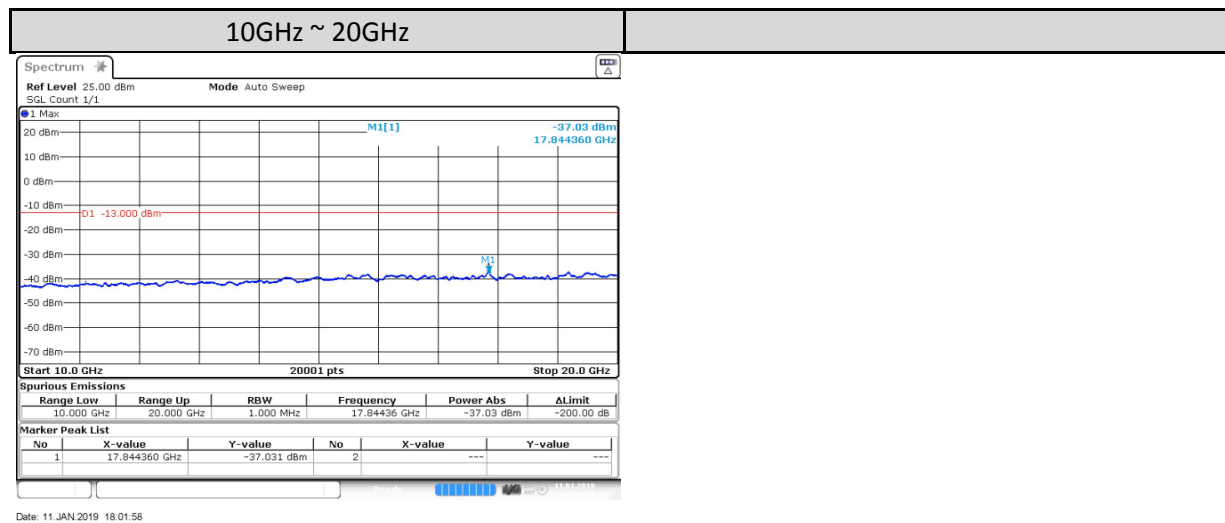
## 1.11.3. Conducted Spurious Emissions – LTE Band 2 (1850 -1910 MHz)

### 1.4MHz



Date: 11 JAN, 2019 17:58:57

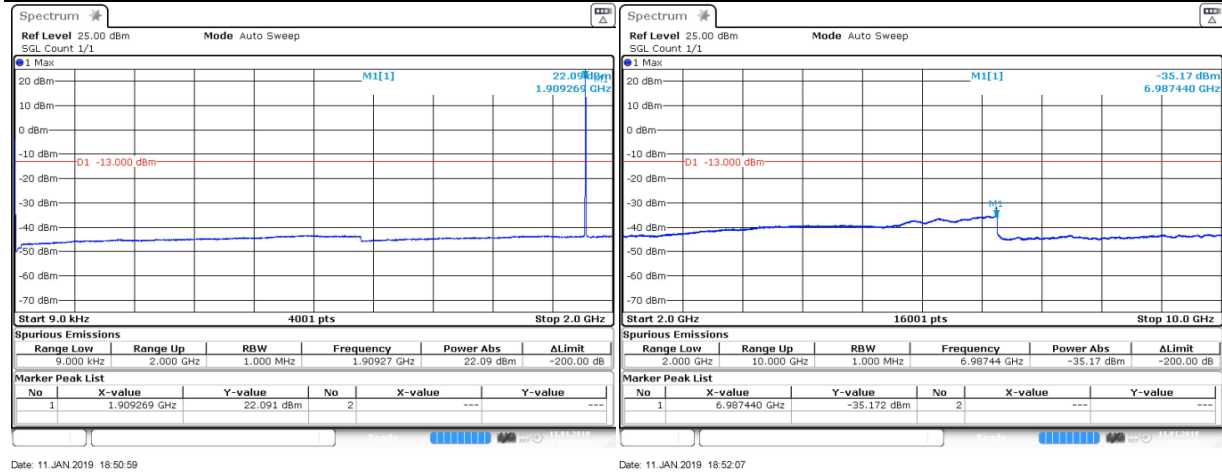
Date: 11 JAN, 2019 18:00:42



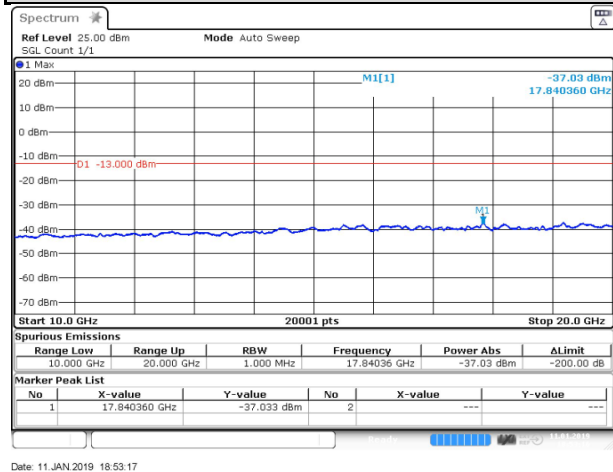
**QPSK - High Freq (1909.3 MHz)**

**RB Size =1, RB Offset = 3**

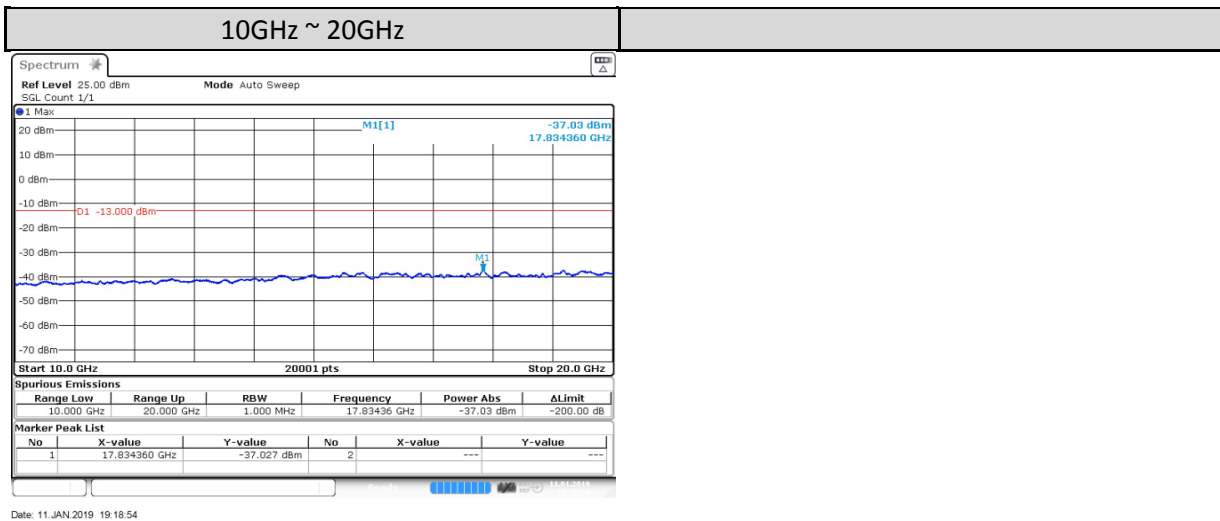
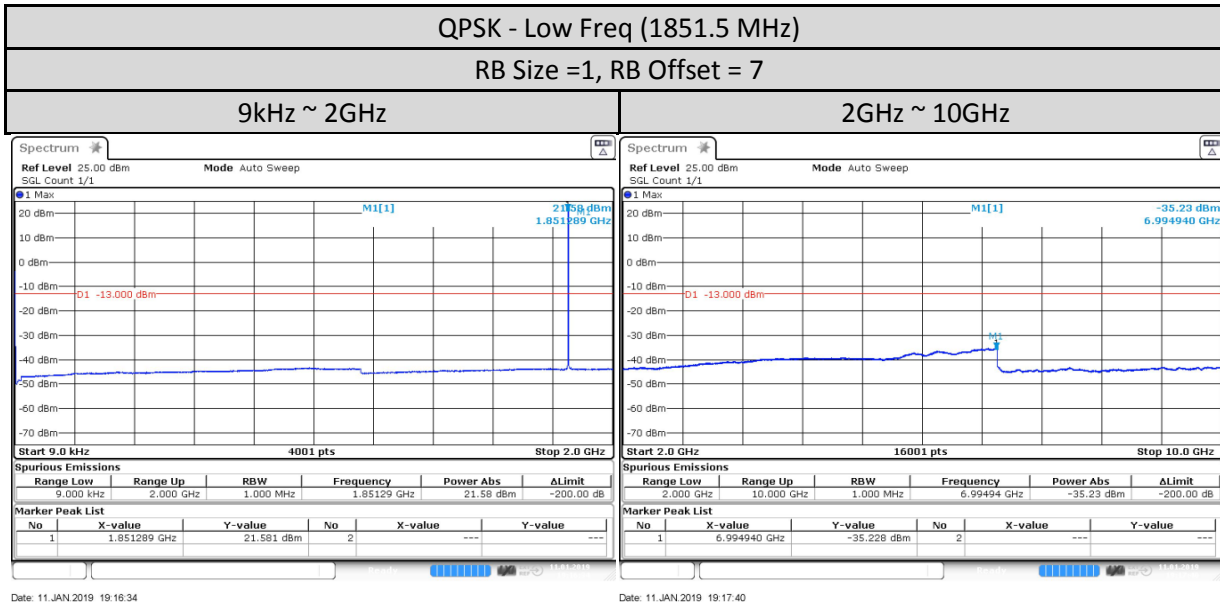
**9kHz ~ 2GHz**
**2GHz ~ 10GHz**



**10GHz ~ 20GHz**



### 3MHz

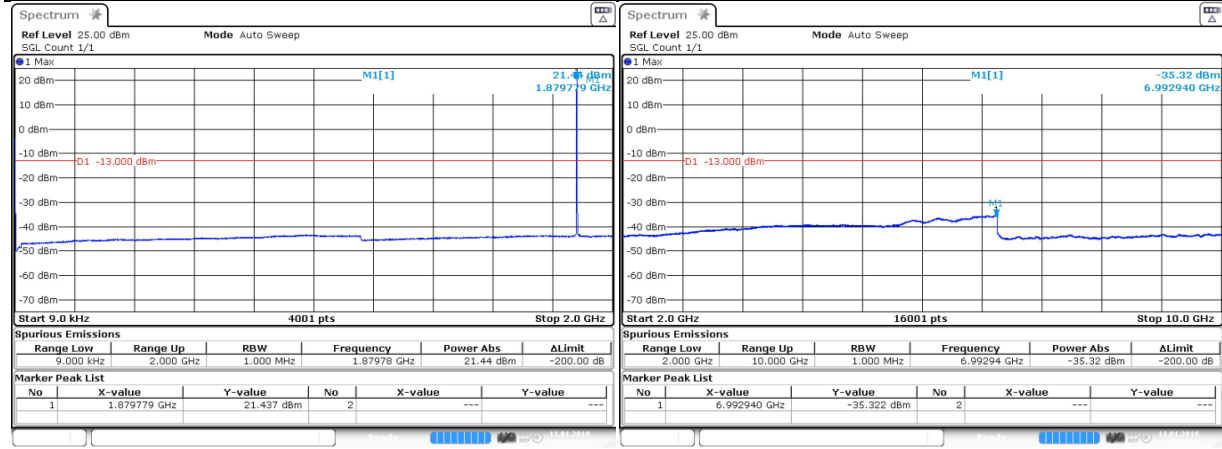


QPSK - Mid Freq (1880 MHz)

RB Size =1, RB Offset = 7

9kHz ~ 2GHz

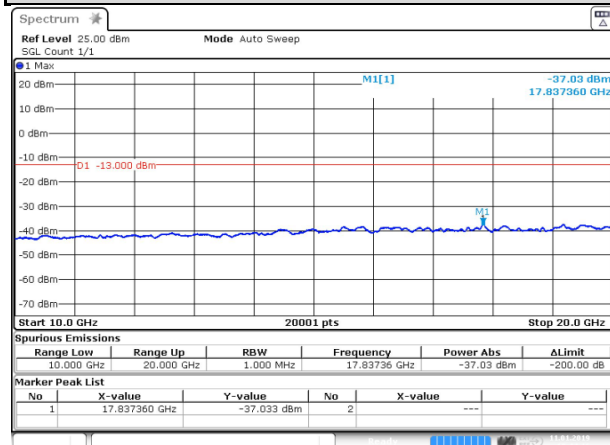
2GHz ~ 10GHz



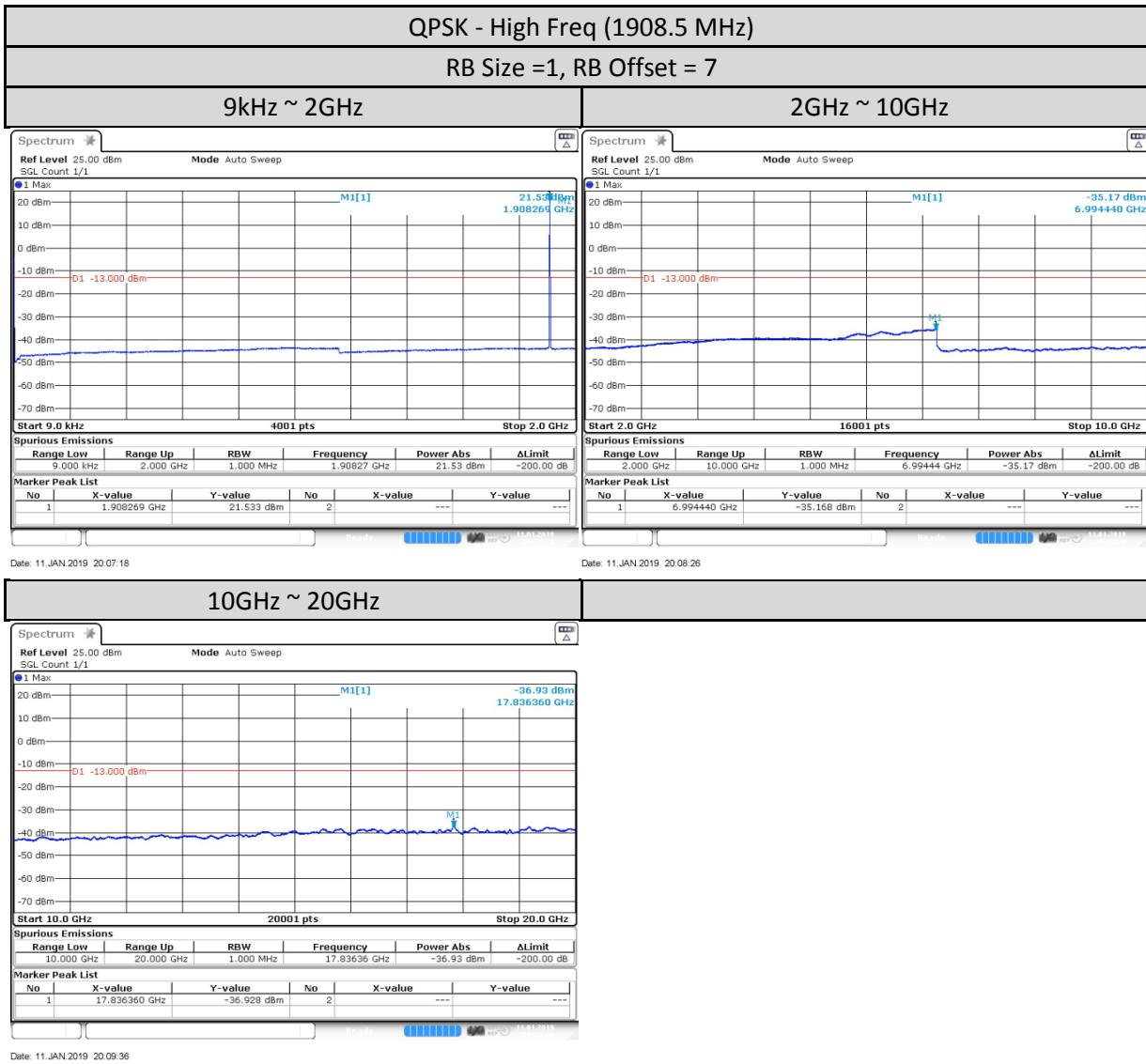
Date: 11 JAN 2019 19:41:58

Date: 11 JAN 2019 19:43:05

10GHz ~ 20GHz



Date: 11 JAN 2019 19:44:16



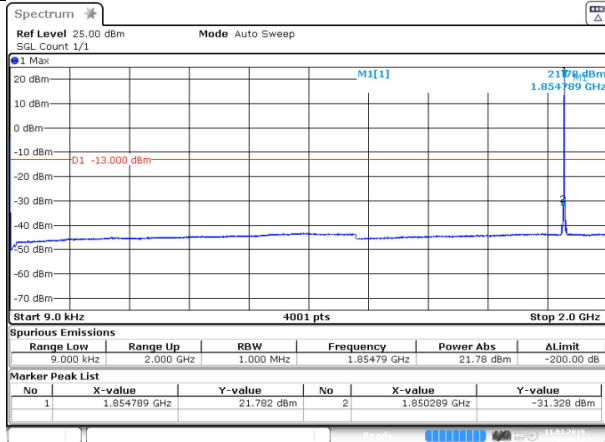
**5MHz**

QPSK - Low Freq (1852.5 MHz)

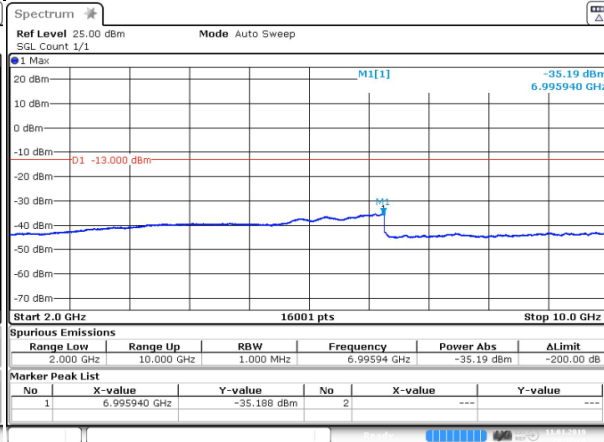
RB Size =1, RB Offset = 24

9kHz ~ 2GHz

2GHz ~ 10GHz

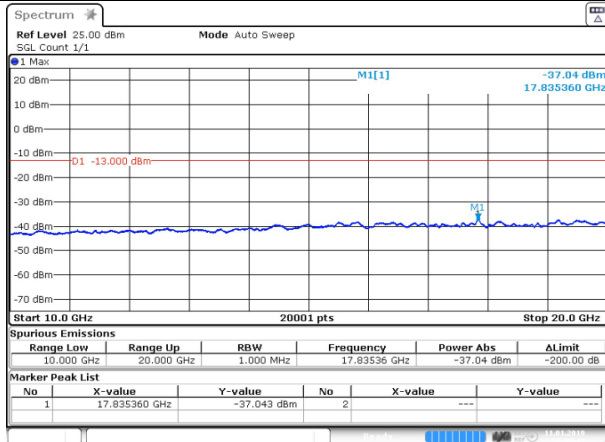


Date: 11 JAN.2019 20:38:11



Date: 11 JAN.2019 20:37:20

10GHz ~ 20GHz

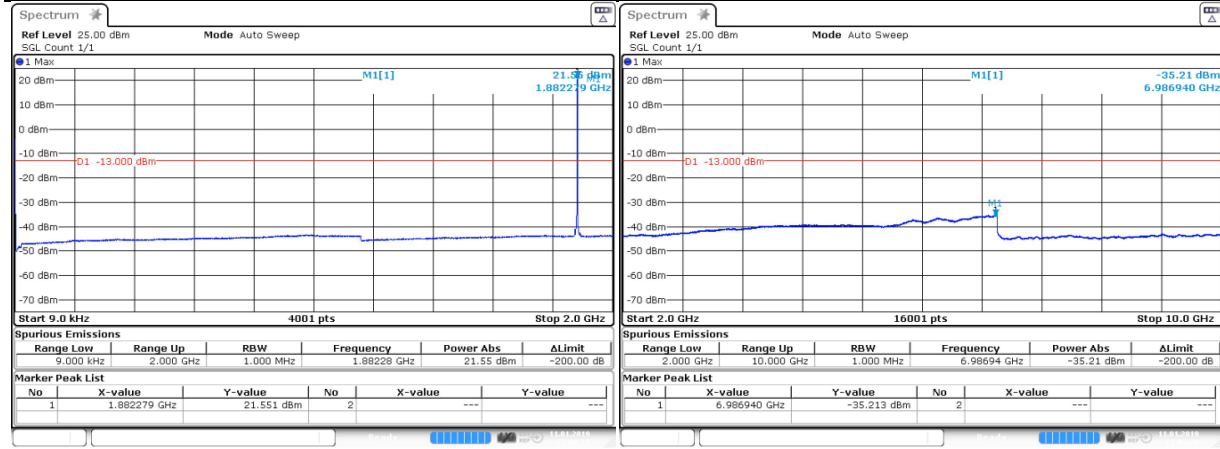


Date: 11 JAN.2019 20:38:42

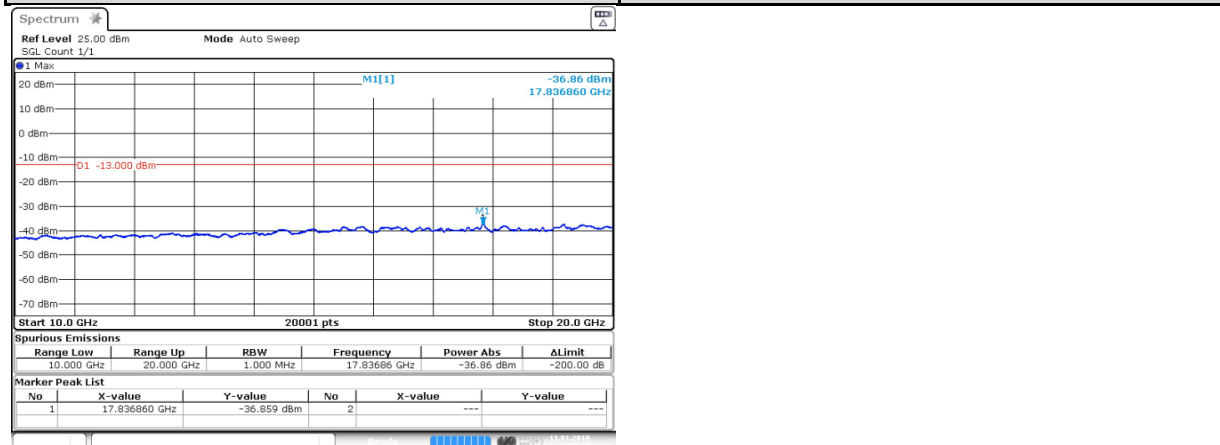
**QPSK - Mid Freq (1880 MHz)**

**RB Size =1, RB Offset = 24**

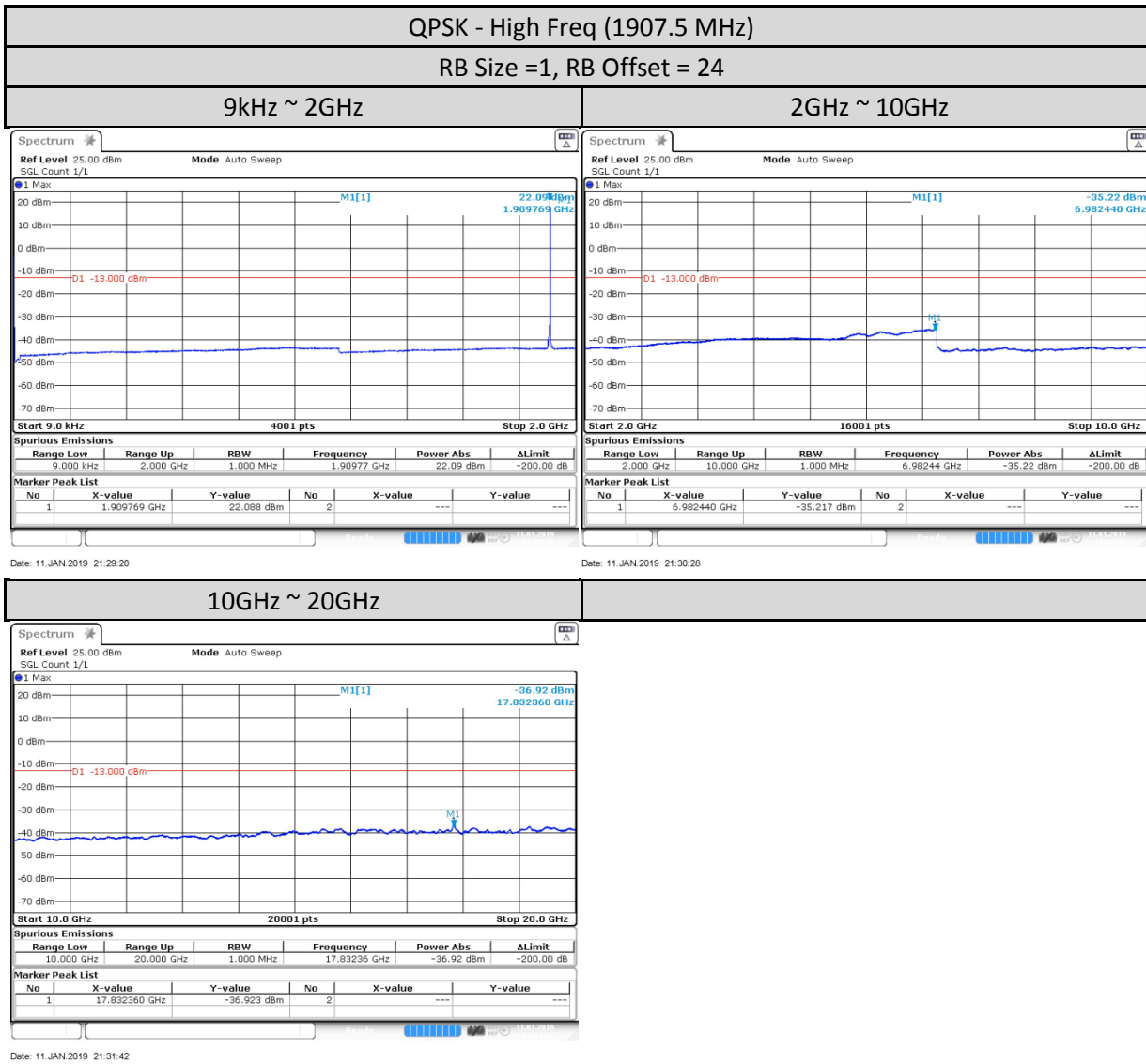
**9kHz ~ 2GHz**
**2GHz ~ 10GHz**



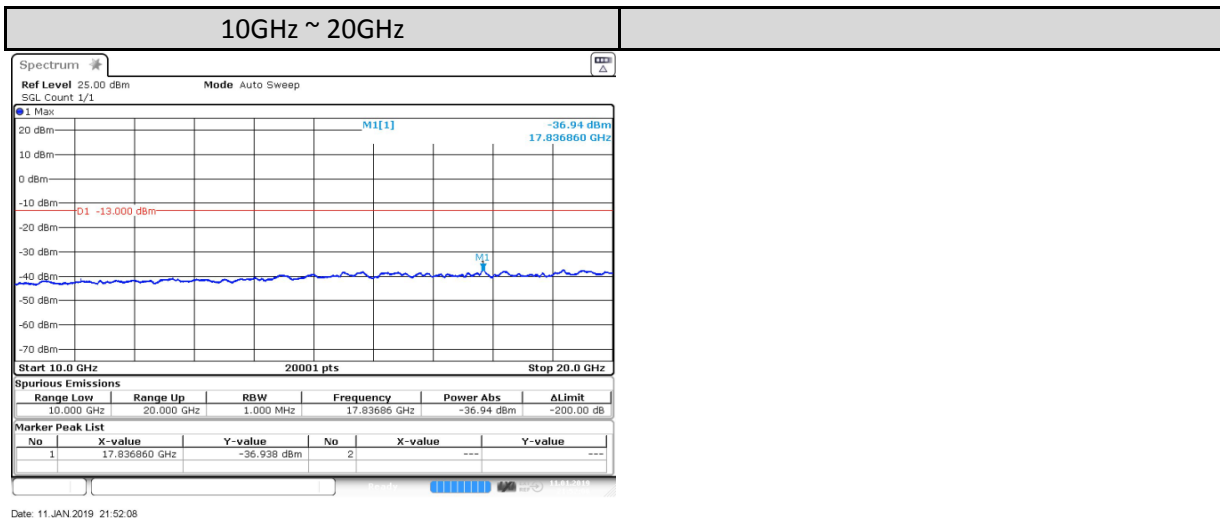
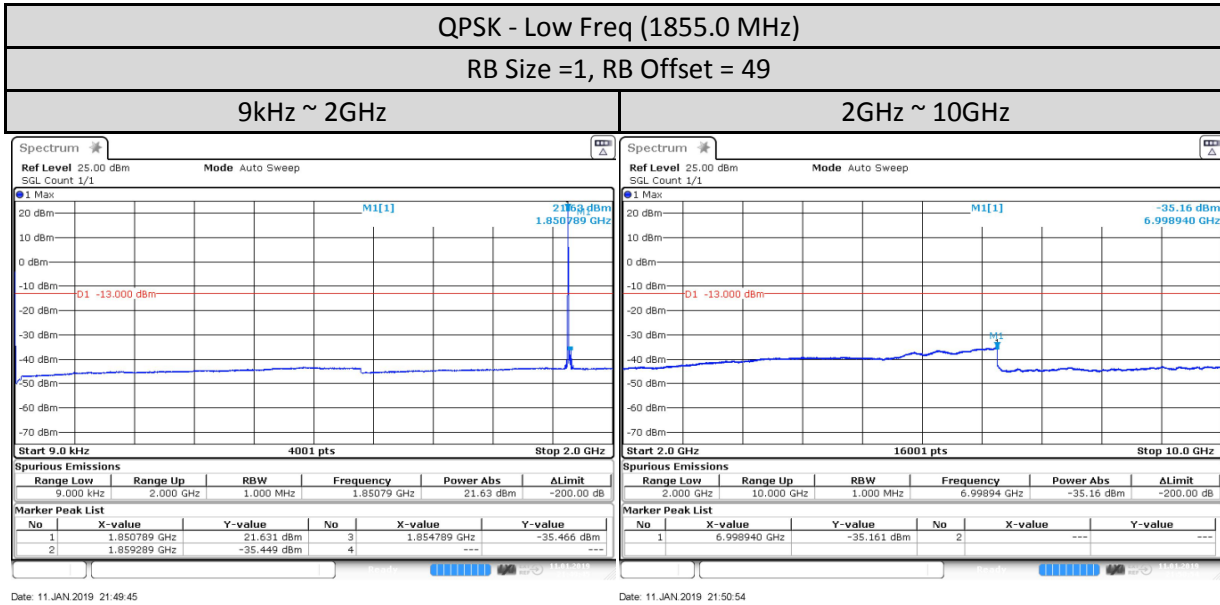
Date: 11 JAN 2019 21:02:17
Date: 11 JAN 2019 21:03:26

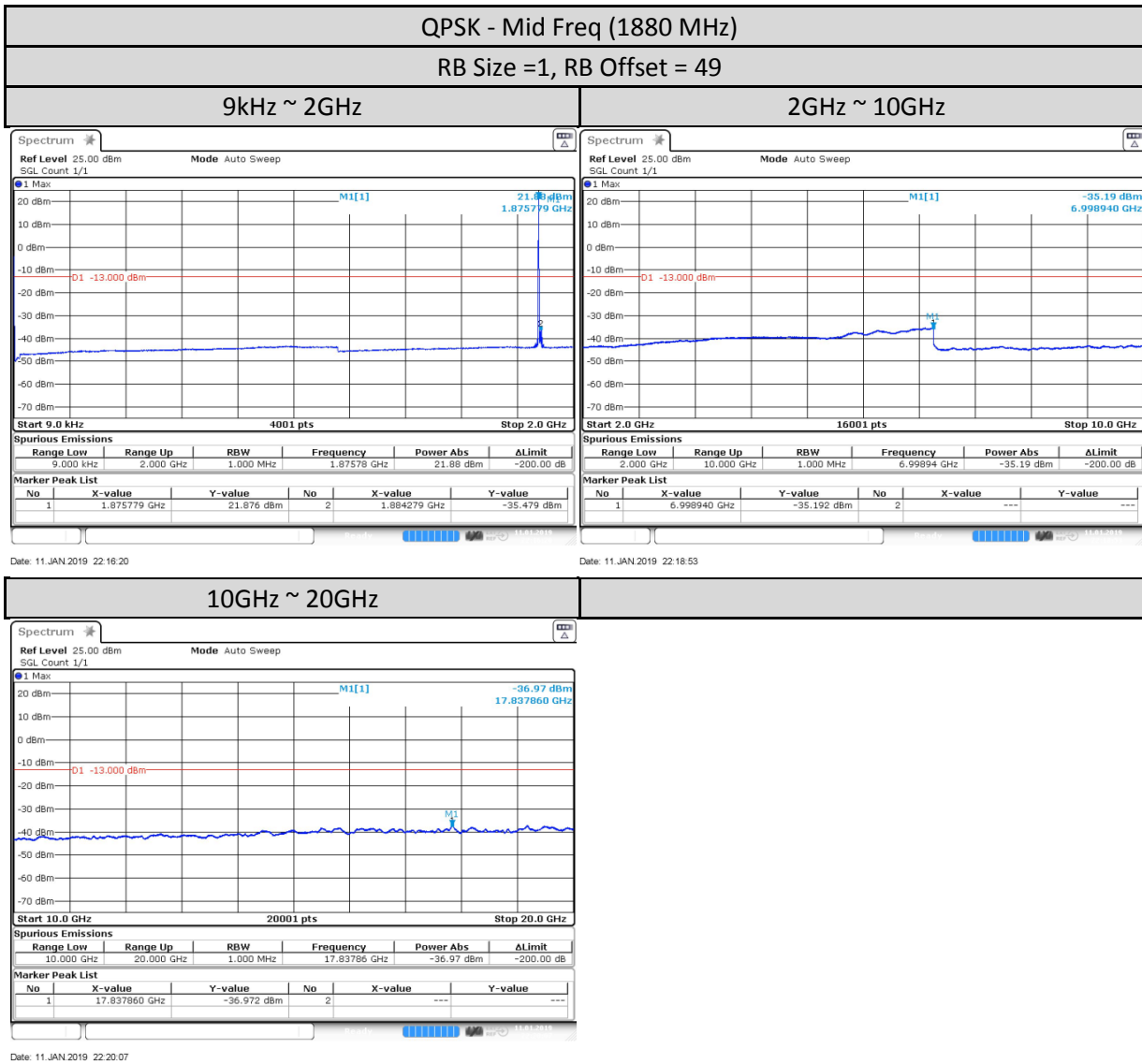


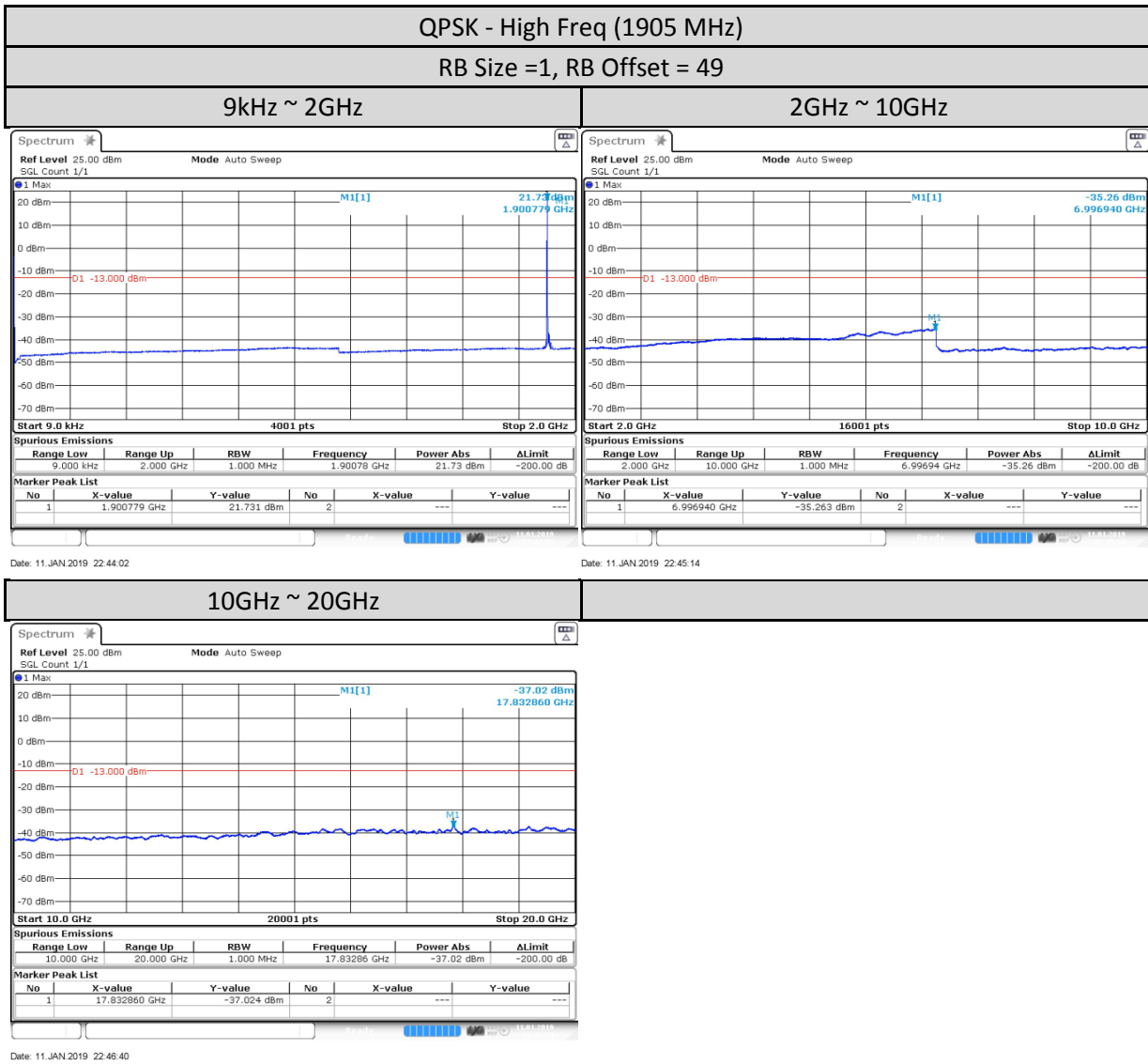
Date: 11 JAN 2019 21:04:38



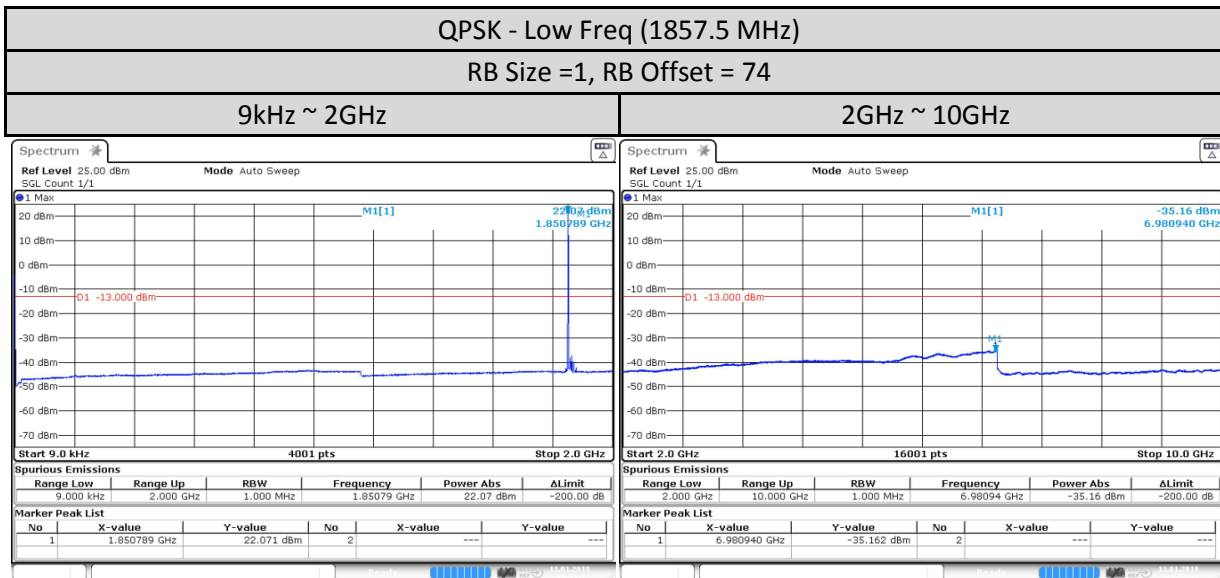
## 10MHz





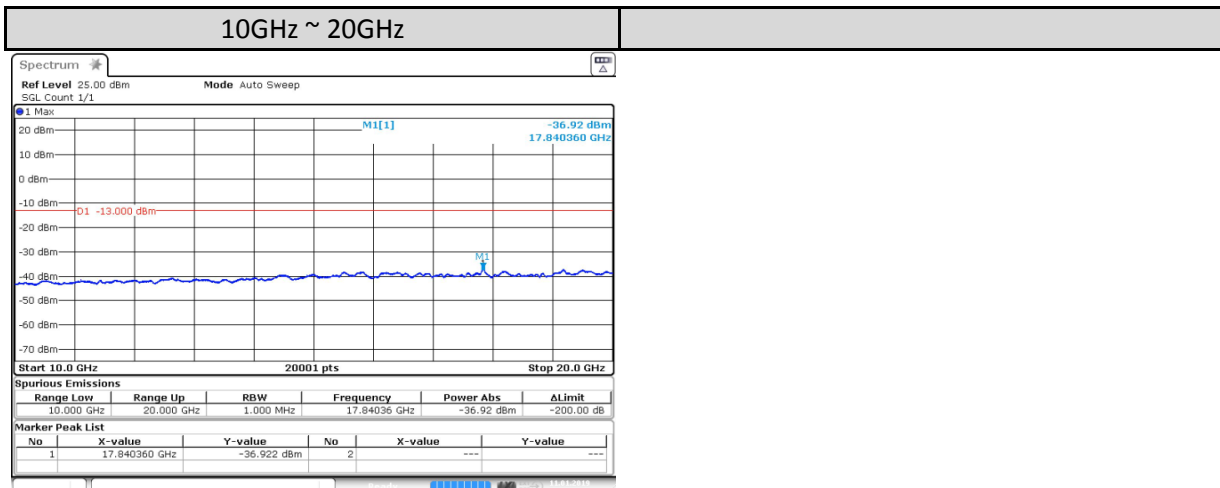


## 15MHz



Date: 11 JAN 2019 23:11:13

Date: 11 JAN 2019 23:12:22



Date: 11 JAN 2019 23:13:33

