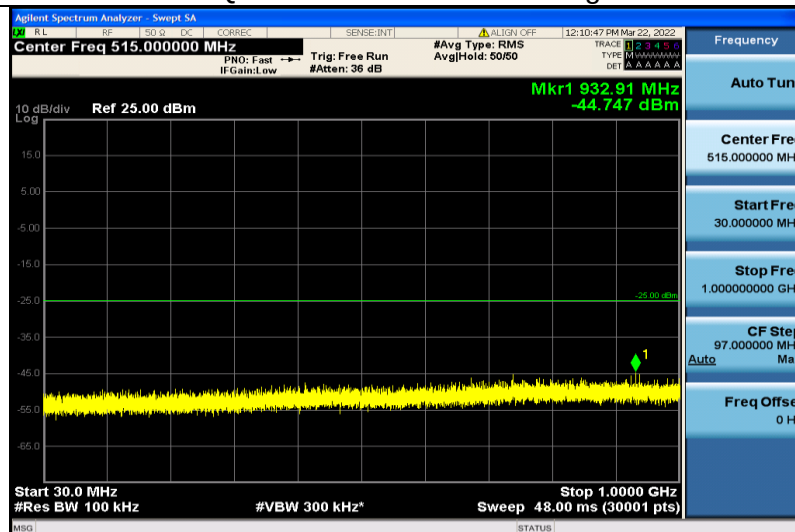
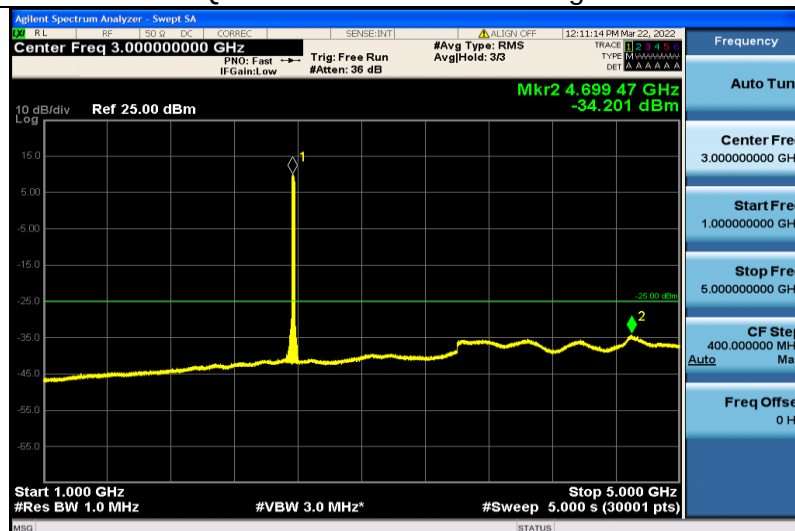




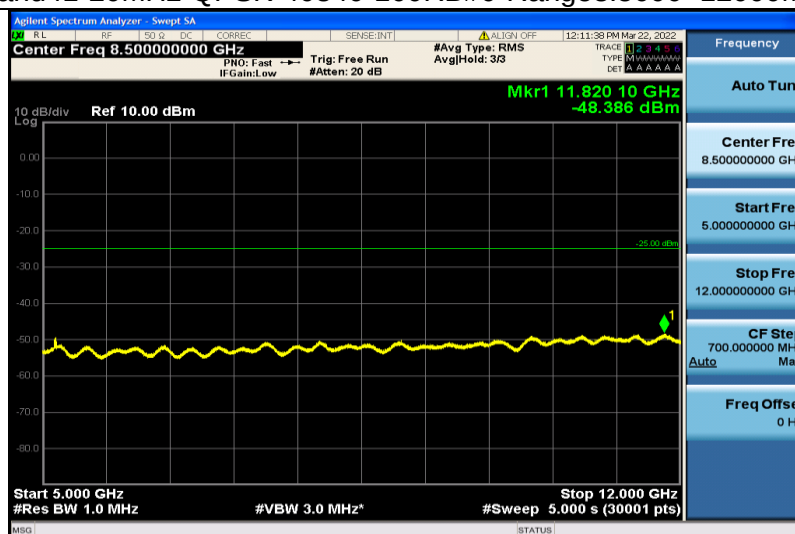
### Band41-20MHz-QPSK-40340-100RB#0-Range1:30~1000MHz



### Band41-20MHz-QPSK-40340-100RB#0-Range2:1000~5000MHz

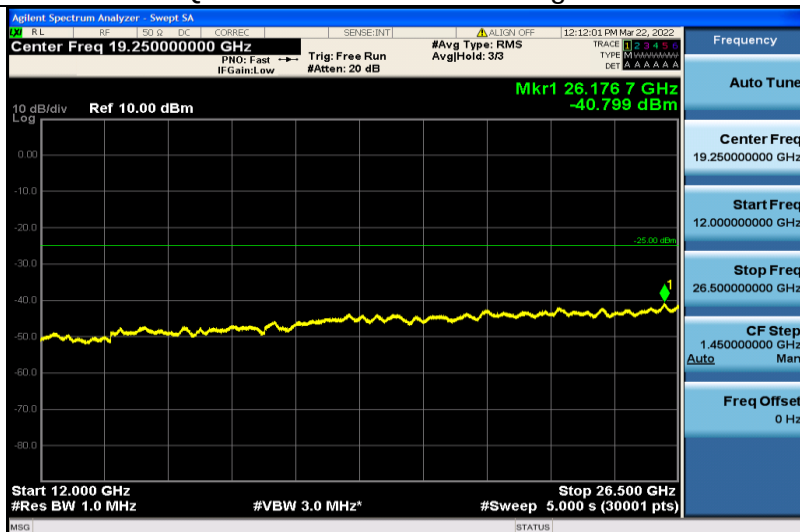


### Band41-20MHz-QPSK-40340-100RB#0-Range3:5000~12000MHz

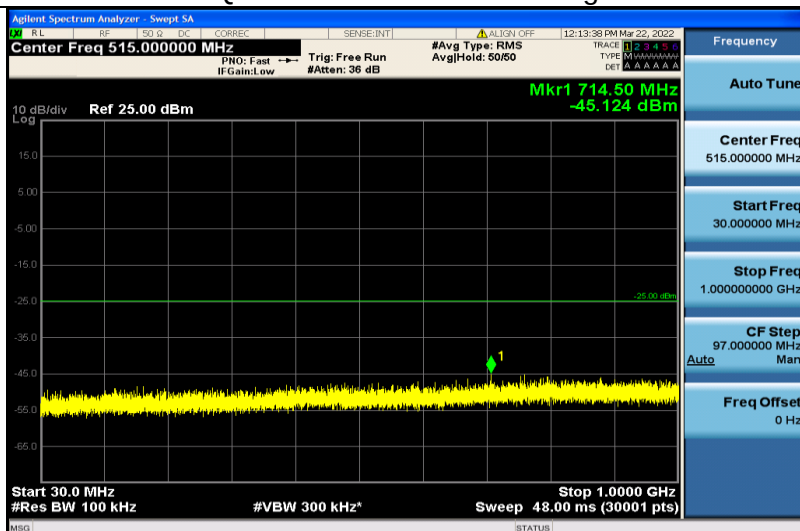




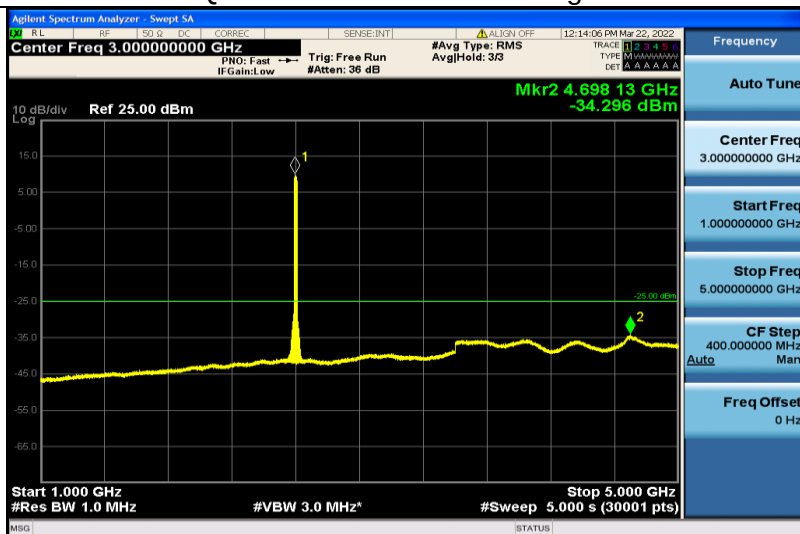
Band41-20MHz-QPSK-40340-100RB#0-Range4:12000~26500MHz



Band41-20MHz-QPSK-40740-100RB#0-Range1:30~1000MHz

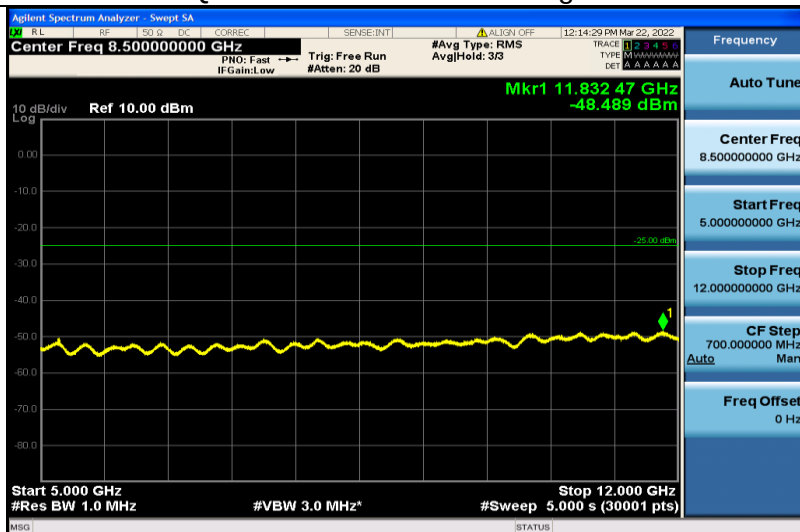


Band41-20MHz-QPSK-40740-100RB#0-Range2:1000~5000MHz

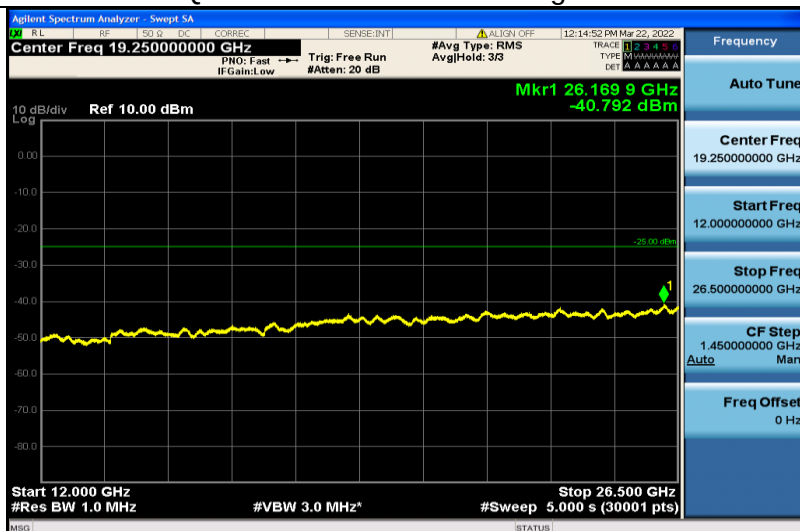




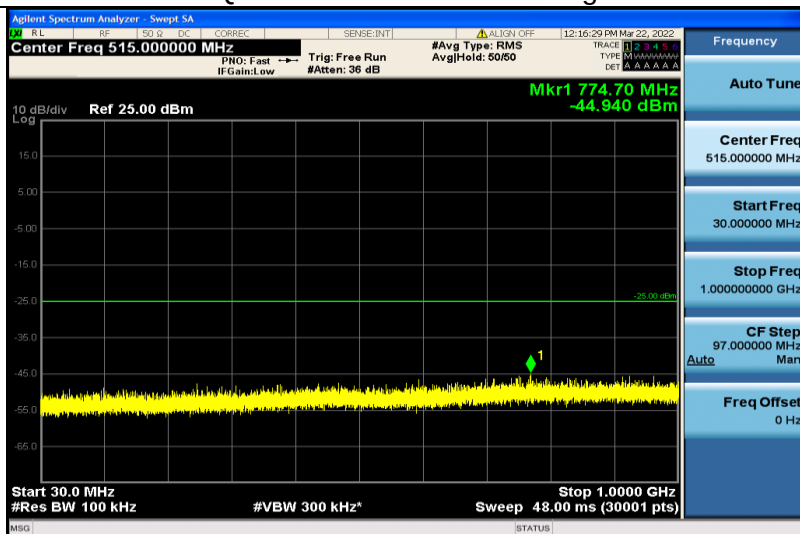
Band41-20MHz-QPSK-40740-100RB#0-Range3:5000~12000MHz



Band41-20MHz-QPSK-40740-100RB#0-Range4:12000~26500MHz



Band41-20MHz-QPSK-41140-100RB#0-Range1:30~1000MHz

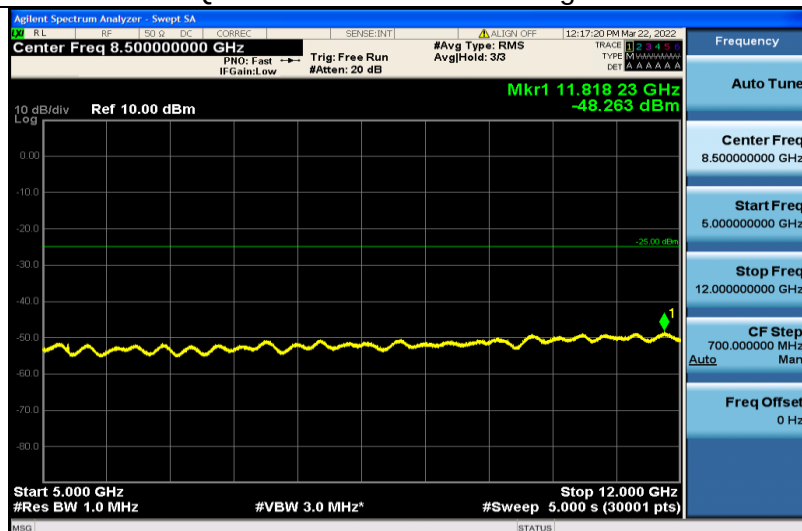




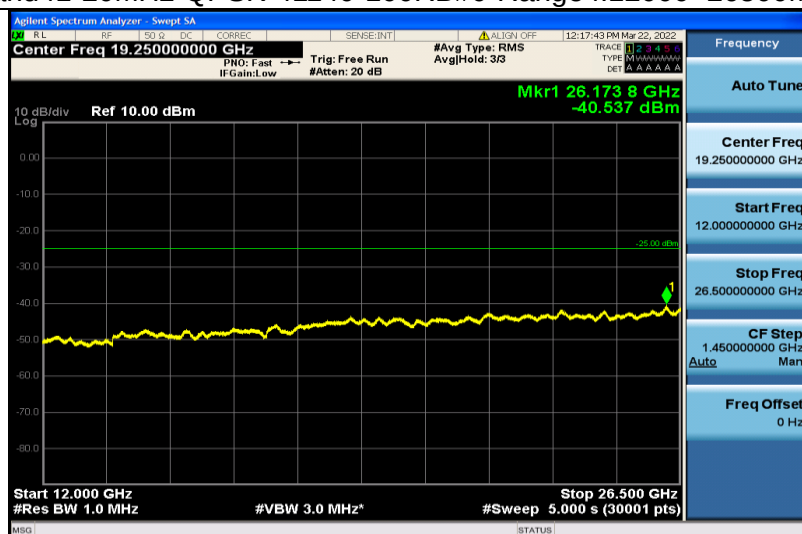
Band41-20MHz-QPSK-41140-100RB#0-Range2:1000~5000MHz



Band41-20MHz-QPSK-41140-100RB#0-Range3:5000~12000MHz

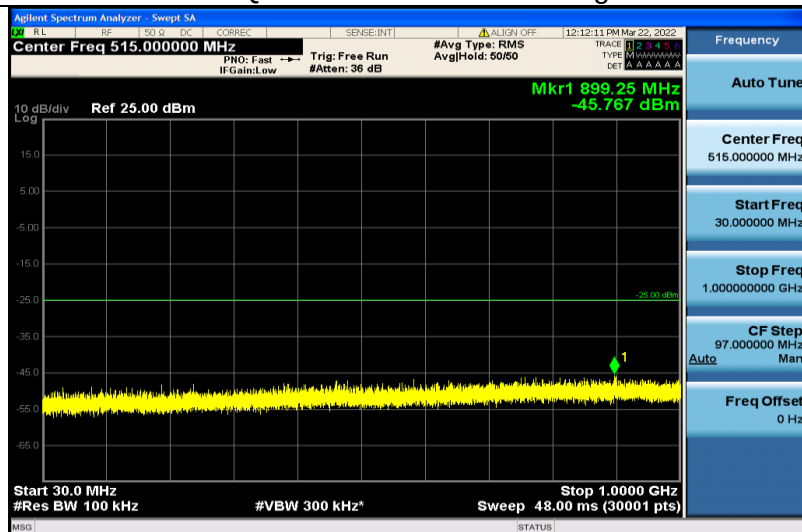


Band41-20MHz-QPSK-41140-100RB#0-Range4:12000~26500MHz





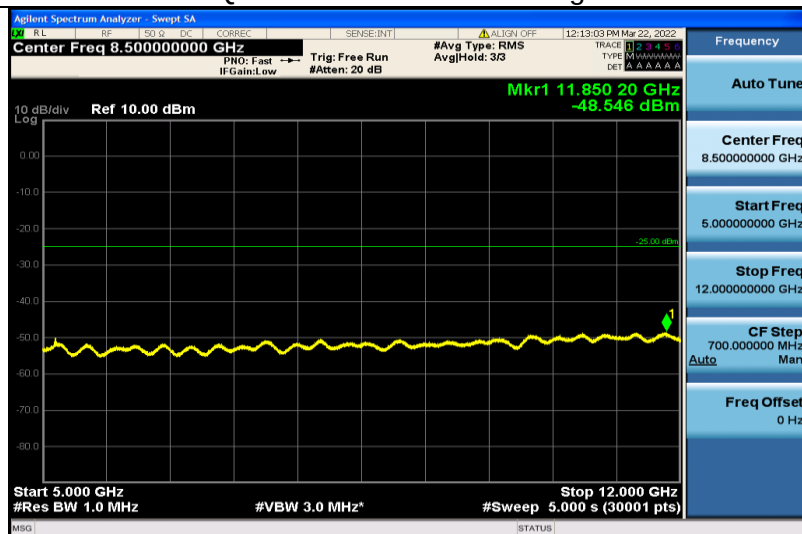
Band41-20MHz-16QAM-40340-100RB#0-Range1:30~1000MHz



Band41-20MHz-16QAM-40340-100RB#0-Range2:1000~5000MHz

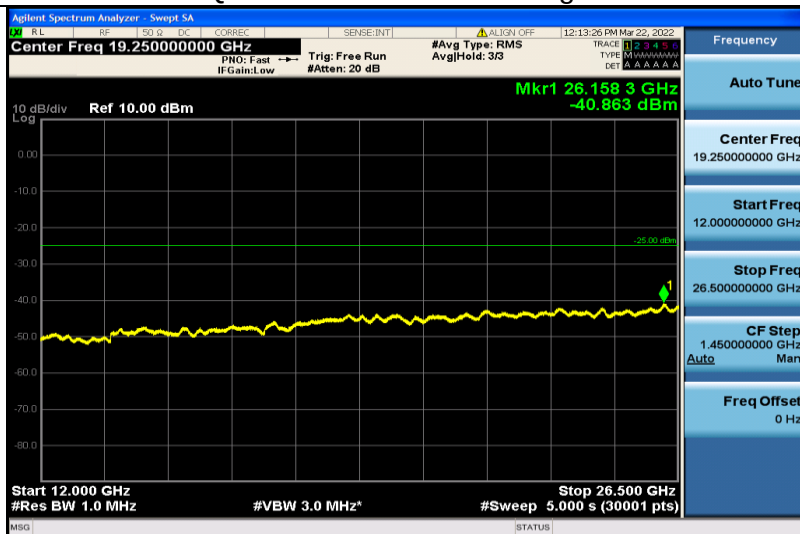


Band41-20MHz-16QAM-40340-100RB#0-Range3:5000~12000MHz

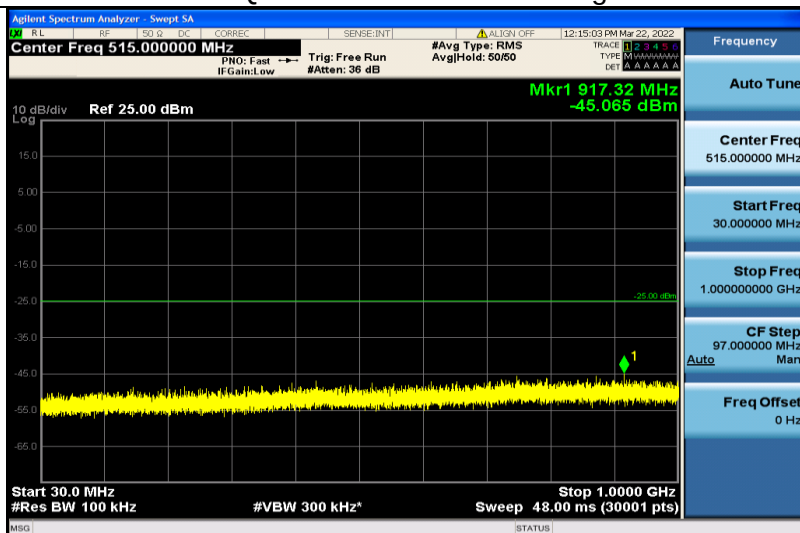




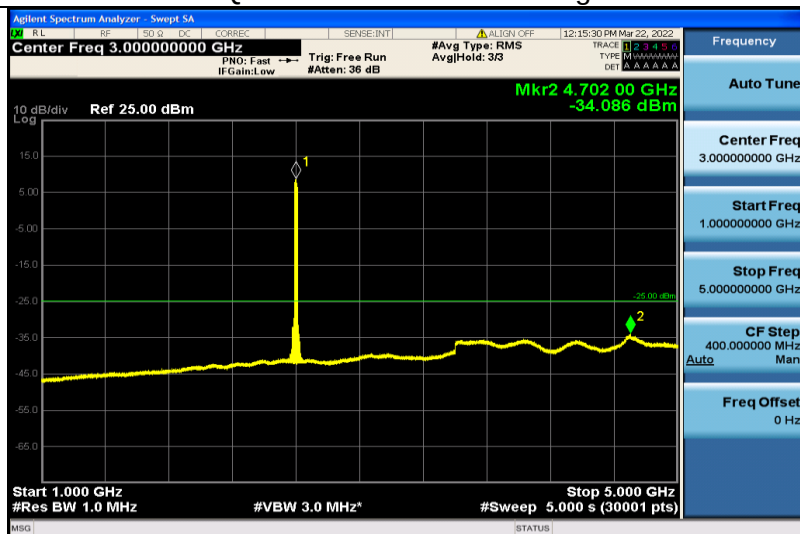
Band41-20MHz-16QAM-40340-100RB#0-Range4:12000~26500MHz



Band41-20MHz-16QAM-40740-100RB#0-Range1:30~1000MHz

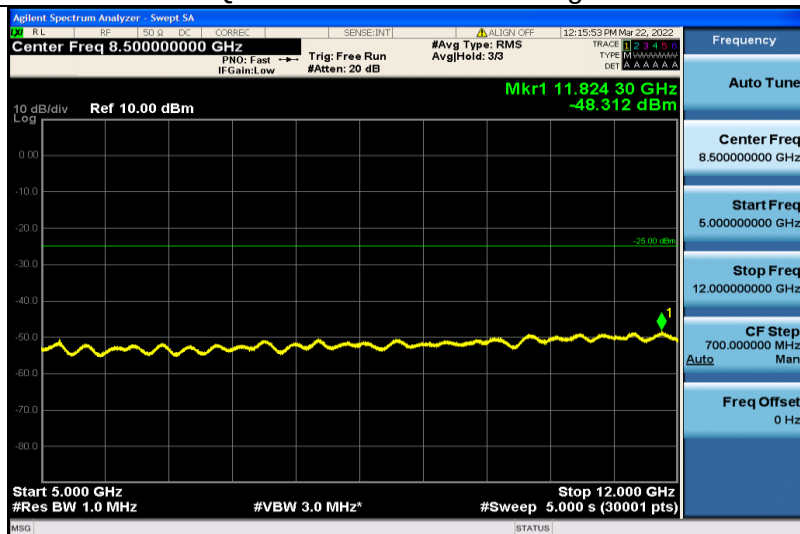


Band41-20MHz-16QAM-40740-100RB#0-Range2:1000~5000MHz

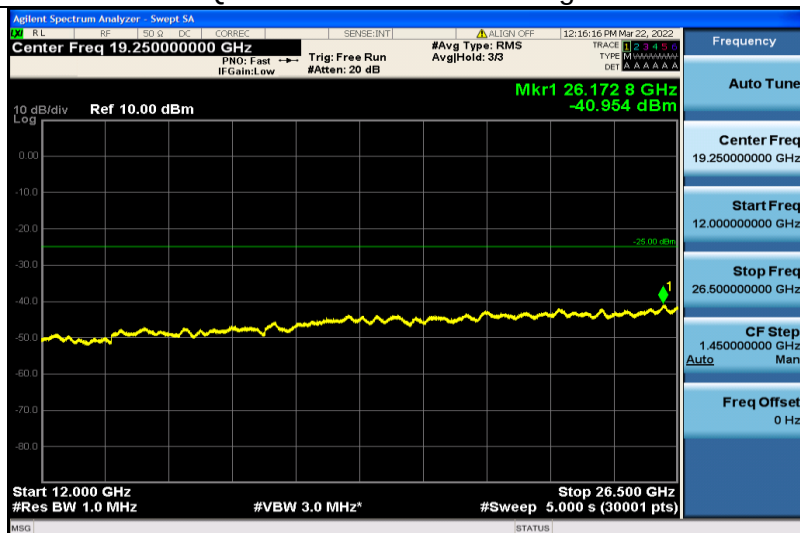




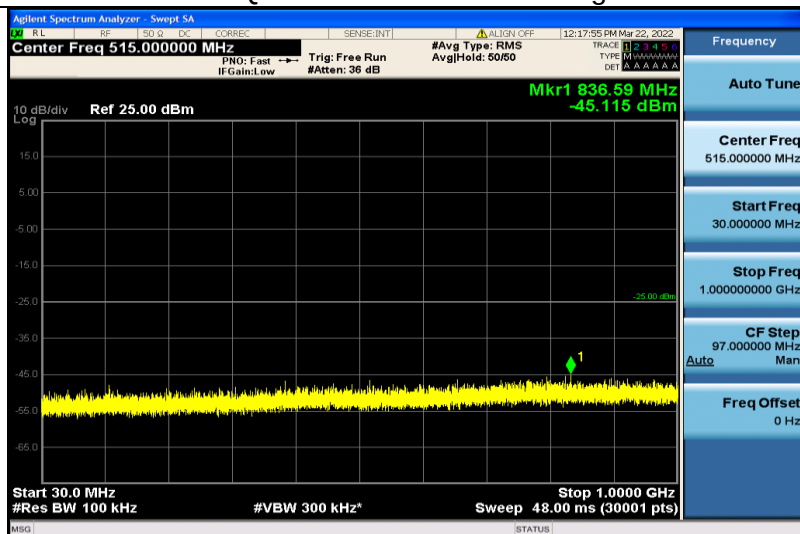
Band41-20MHz-16QAM-40740-100RB#0-Range3:5000~12000MHz



Band41-20MHz-16QAM-40740-100RB#0-Range4:12000~26500MHz

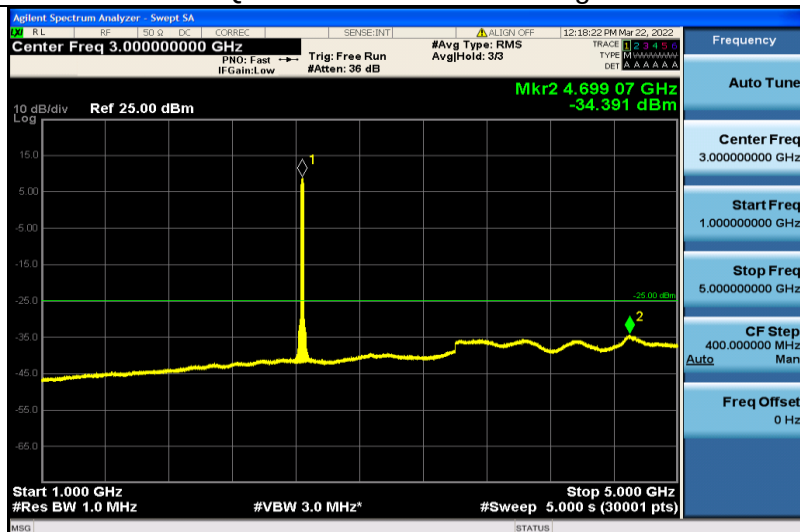


Band41-20MHz-16QAM-41140-100RB#0-Range1:30~1000MHz

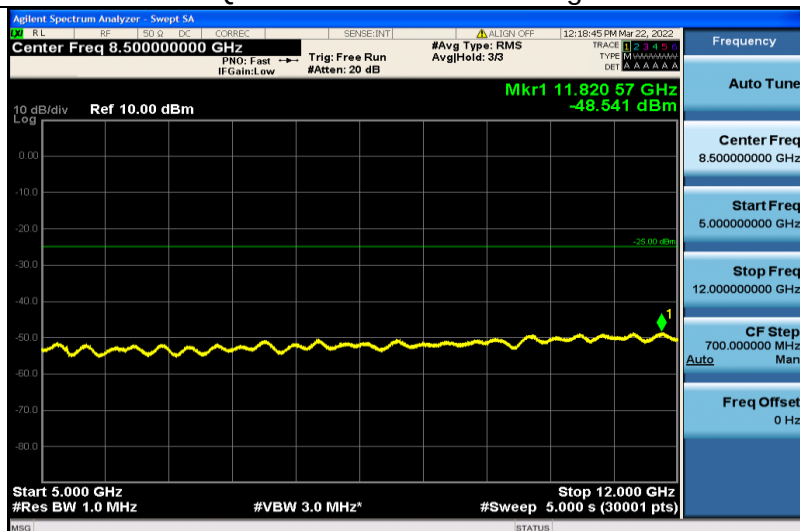




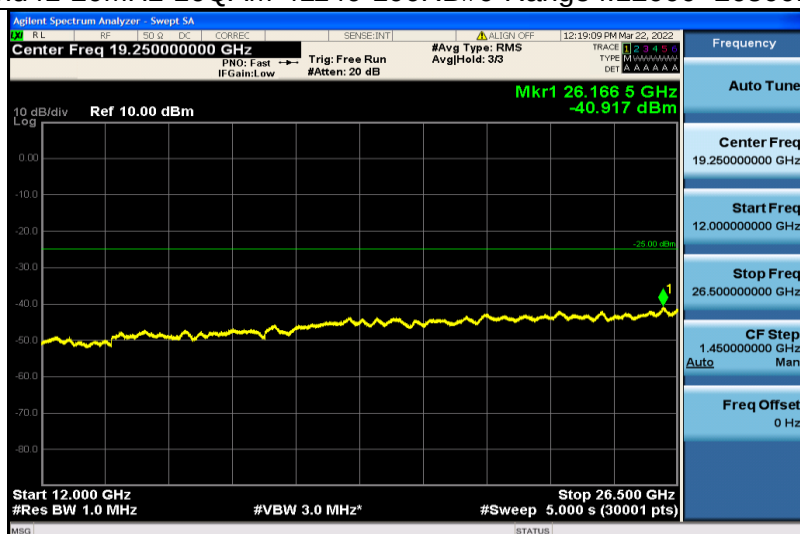
Band41-20MHz-16QAM-41140-100RB#0-Range2:1000~5000MHz



Band41-20MHz-16QAM-41140-100RB#0-Range3:5000~12000MHz



Band41-20MHz-16QAM-41140-100RB#0-Range4:12000~26500MHz





## 5.6 Band edge at antenna terminals

### 5.6.1 Limit

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least  $43 + 10 \log (P)$  dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10<sup>th</sup> harmonic.

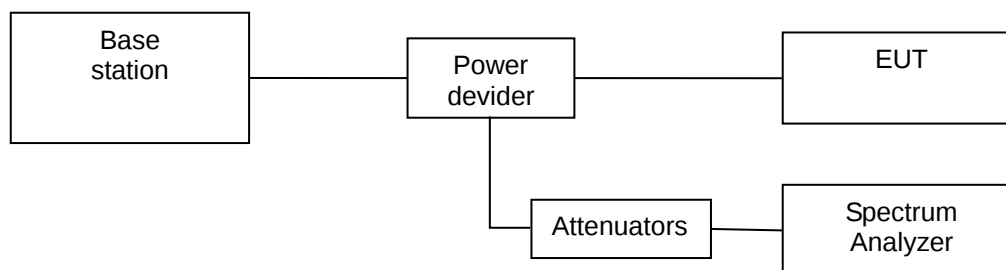
### 5.6.2 Test procedure

1. The testing follows FCC KDB 971168 v03 Section 6.0.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's RBW = 200kHz, VBW = 620kHz.
7. Set spectrum analyzer with RMS detector.
8. Taking the record of maximum spurious emission.
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

10. The limit line is derived from  $43 + 10\log(P)$  dB below the transmitter power P(Watts)

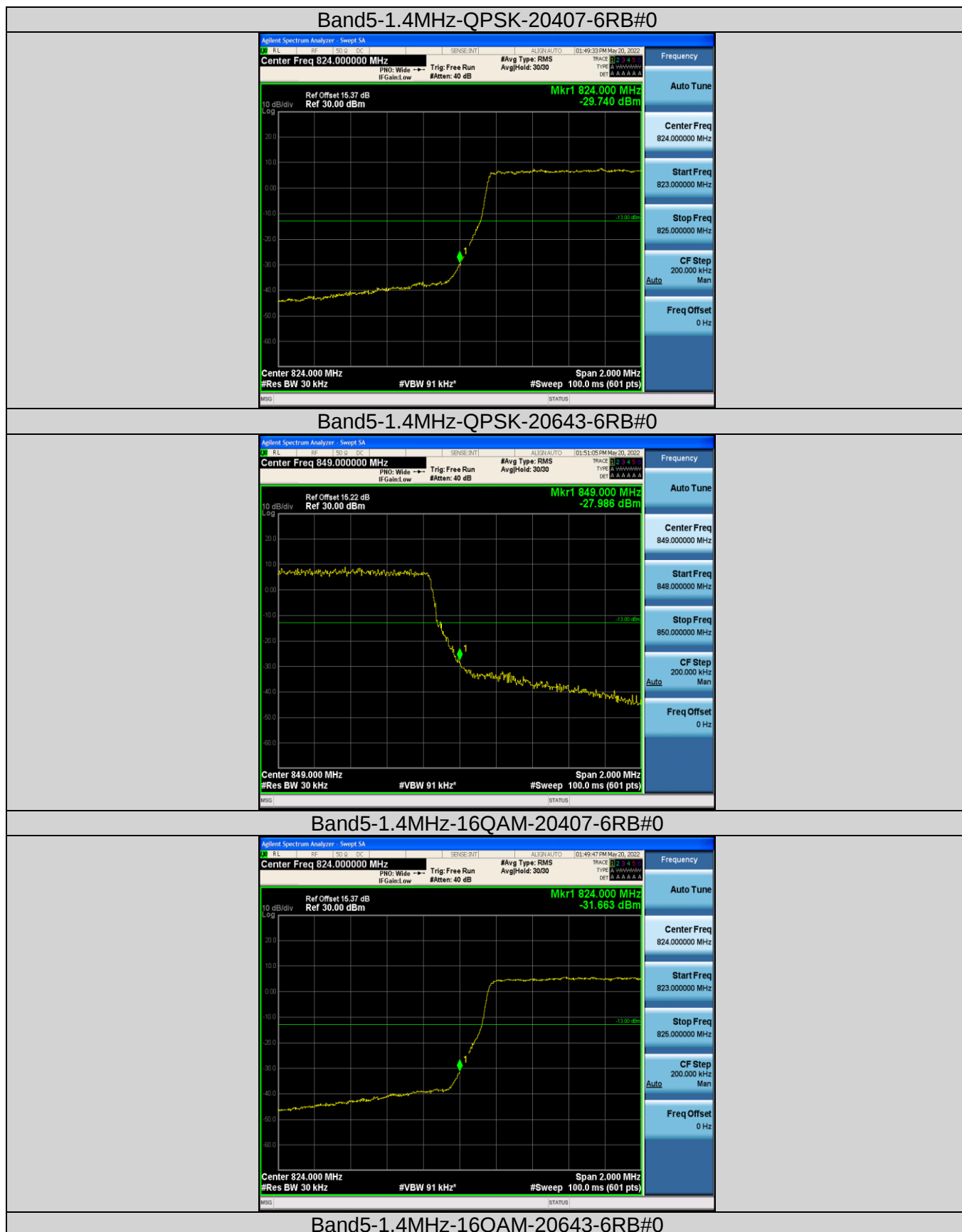
$$\begin{aligned} &= P(W) - [43 + 10\log(P)] \text{ (dB)} \\ &= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)} \\ &= -13\text{dBm}. \end{aligned}$$

### 5.6.3 Test setup





## 5.6.4 Test results





Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20635-15RB#0



Band5-3MHz-16QAM-20415-15RB#0





Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20625-25RB#0



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



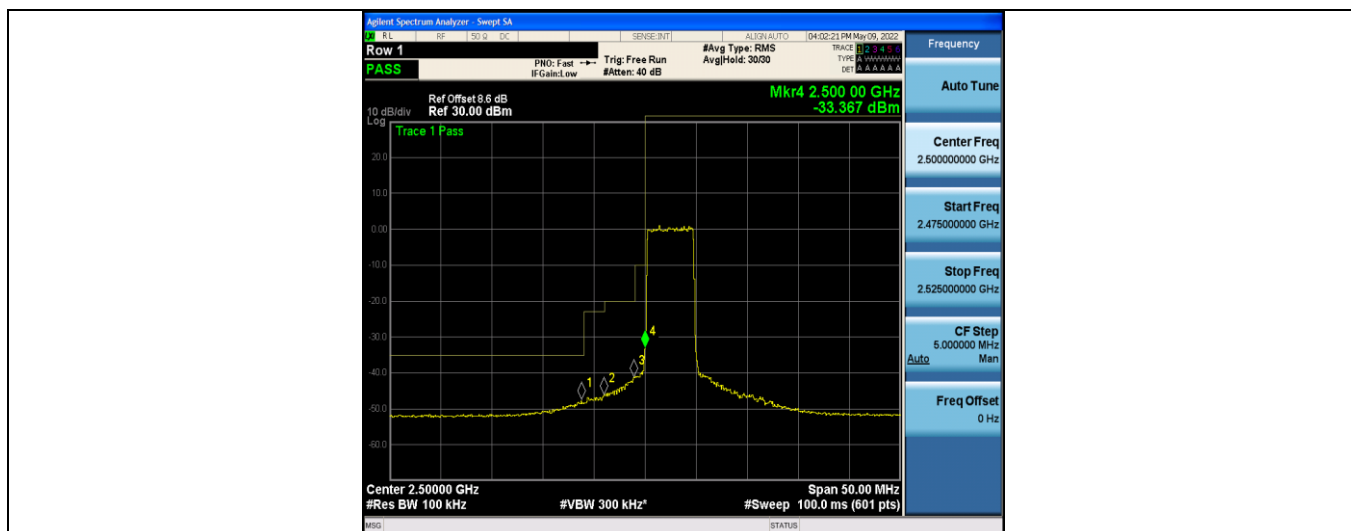
Band7-5MHz-QPSK-20775-25RB#0



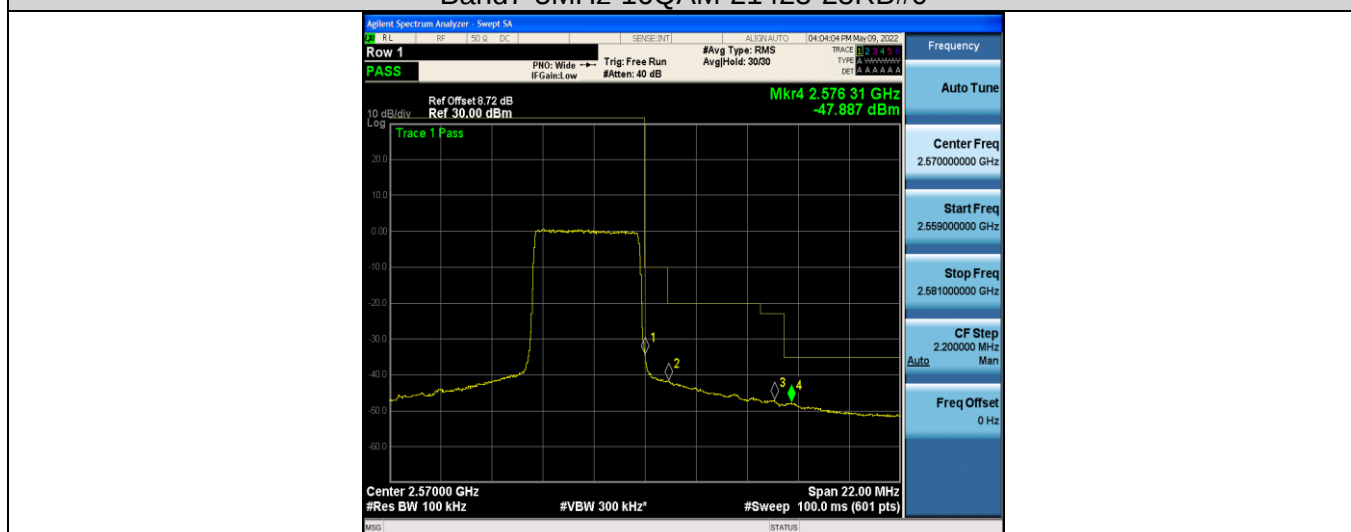
Band7-5MHz-QPSK-21425-25RB#0



Band7-5MHz-16QAM-20775-25RB#0



Band7-5MHz-16QAM-21425-25RB#0



Band7-10MHz-QPSK-20800-50RB#0



Band7-10MHz-QPSK-21400-50RB#0



Band7-10MHz-16QAM-20800-50RB#0



Band7-10MHz-16QAM-21400-50RB#0



Band7-15MHz-QPSK-20825-75RB#0



Band7-15MHz-QPSK-21375-75RB#0



Band7-15MHz-16QAM-20825-75RB#0



Band7-15MHz-16QAM-21375-75RB#0



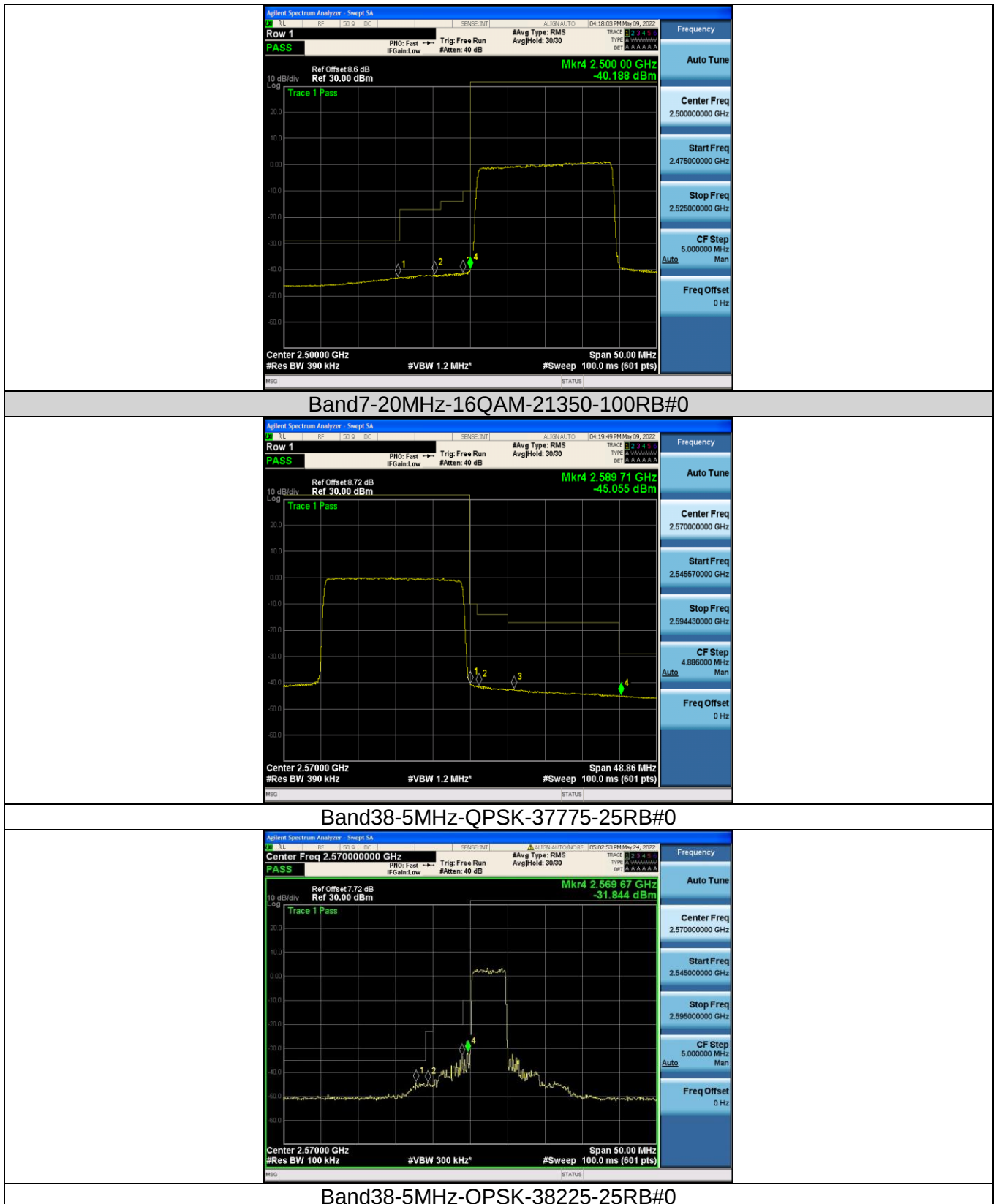
Band7-20MHz-QPSK-20850-100RB#0



Band7-20MHz-QPSK-21350-100RB#0

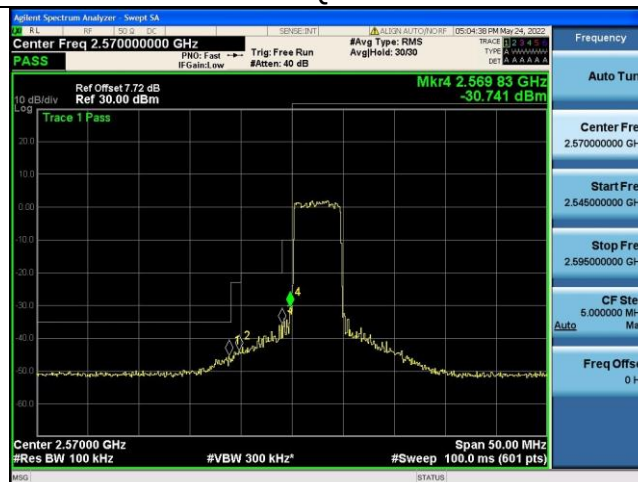


Band7-20MHz-16QAM-20850-100RB#0

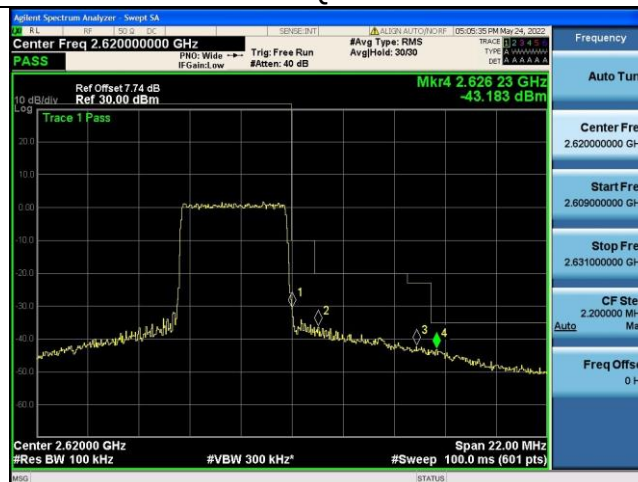




Band38-5MHz-16QAM-37775-25RB#0



Band38-5MHz-16QAM-38225-25RB#0



Band38-10MHz-QPSK-37800-50RB#0