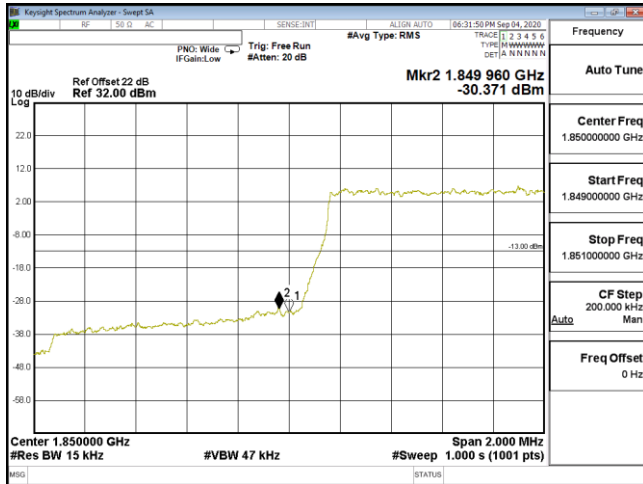
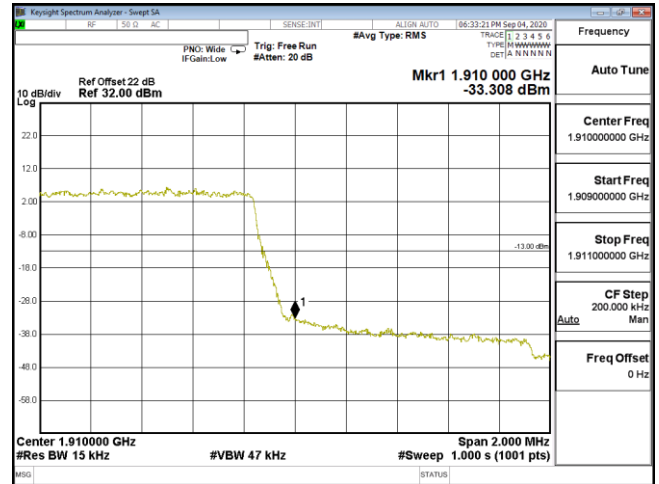


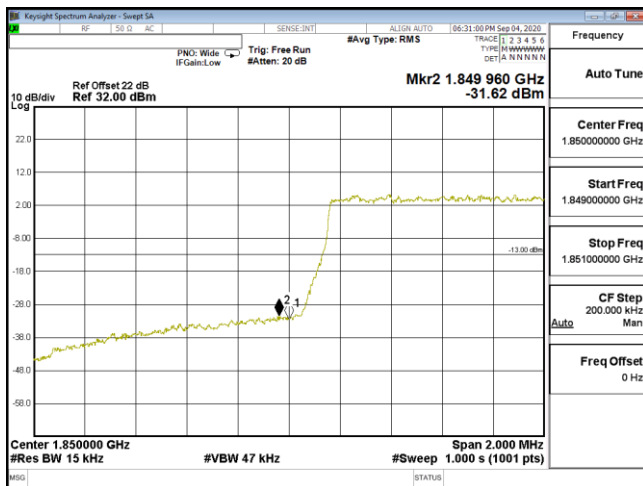
EDGE B2 1.4M CH18607 64QAM(1,0)



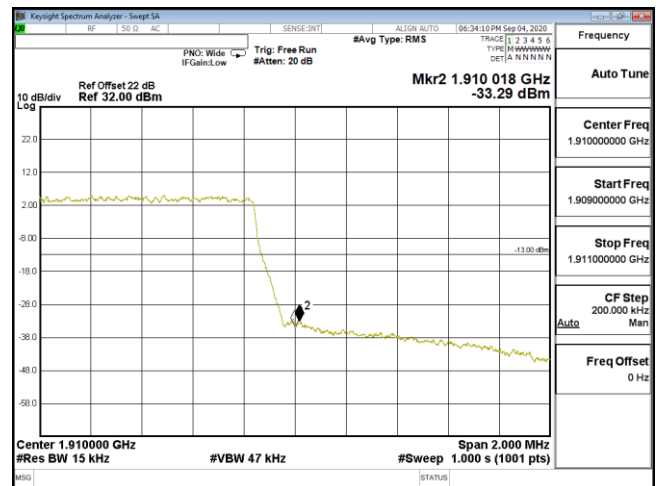
EDGE B2 1.4M CH19193 64QAM(1,5)



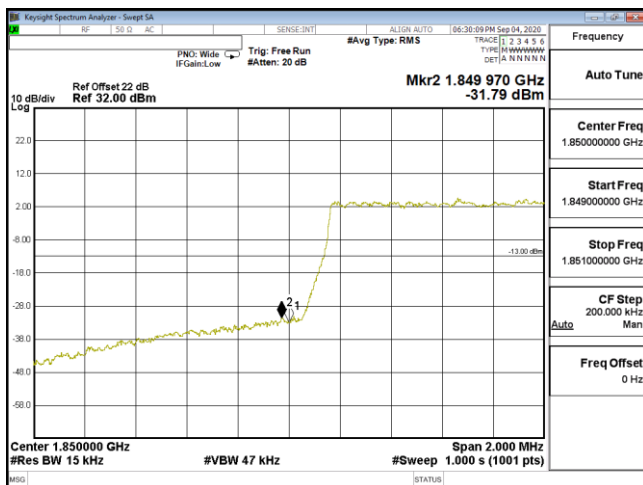
EDGE B2 1.4M CH18607 QPSK(6,0)



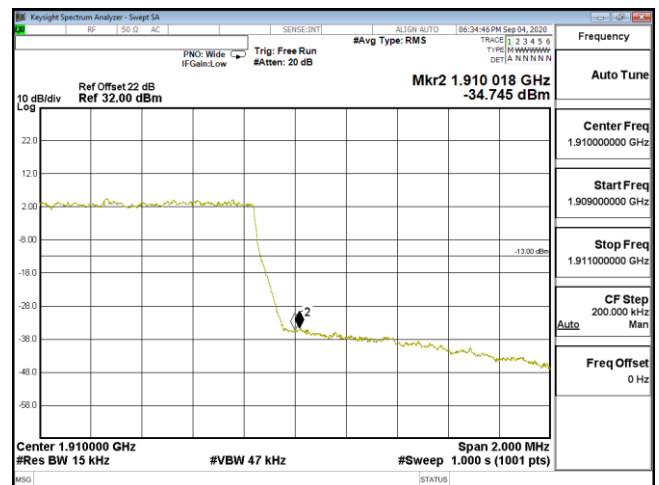
EDGE B2 1.4M CH19193 QPSK(6,0)



EDGE B2 1.4M CH18607 16QAM(6,0)

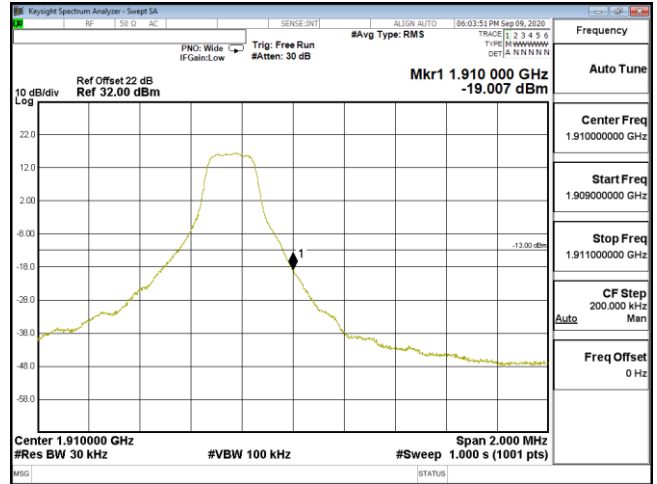
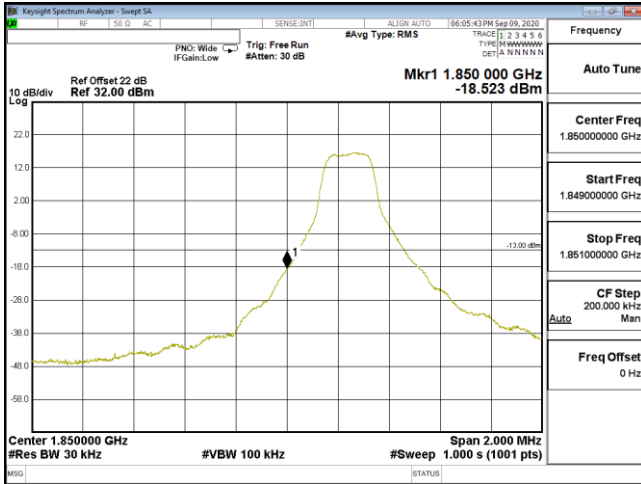


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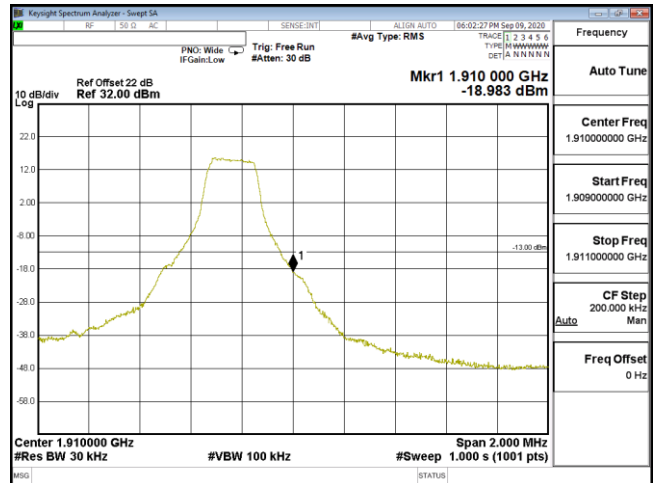
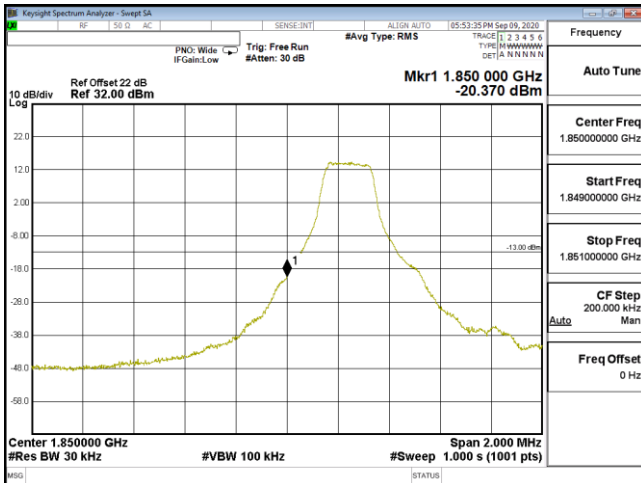
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EDGE B2 1.4M CH19193 64QAM(6,0)



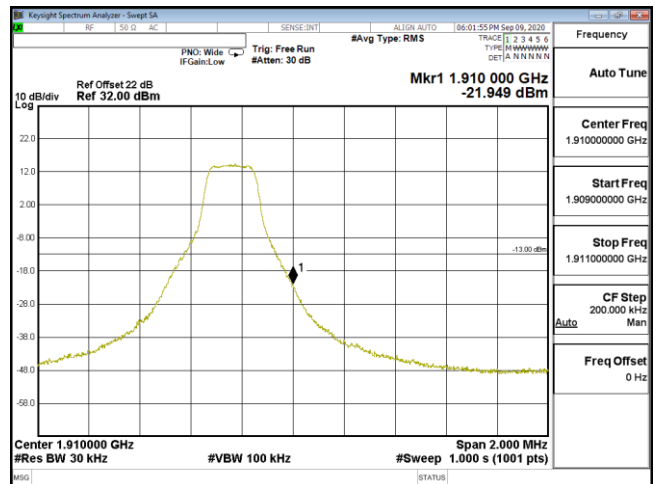
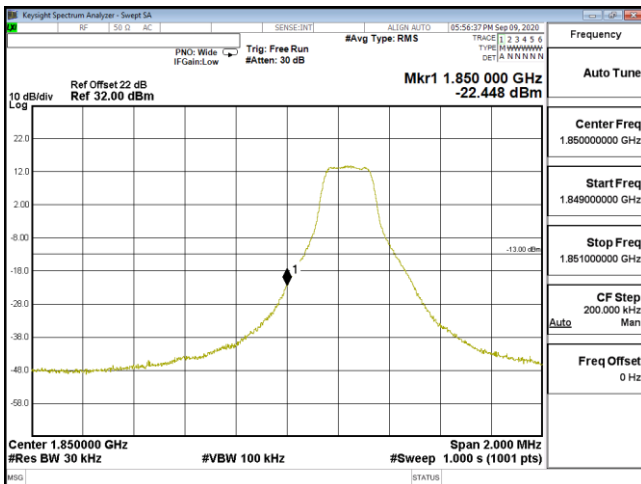
EDGE B2 3M CH18615 QPSK(1,0)

EDGE B2 3M CH19185 QPSK(1,14)



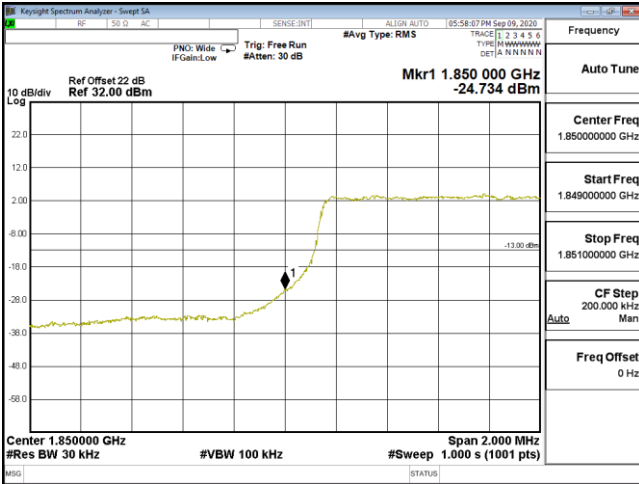
EDGE B2 3M CH18615 16QAM(1,0)

EDGE B2 3M CH19185 16QAM(1,14)

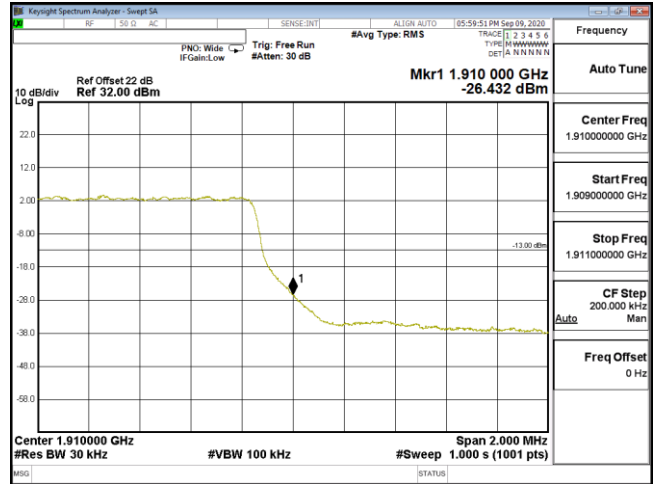


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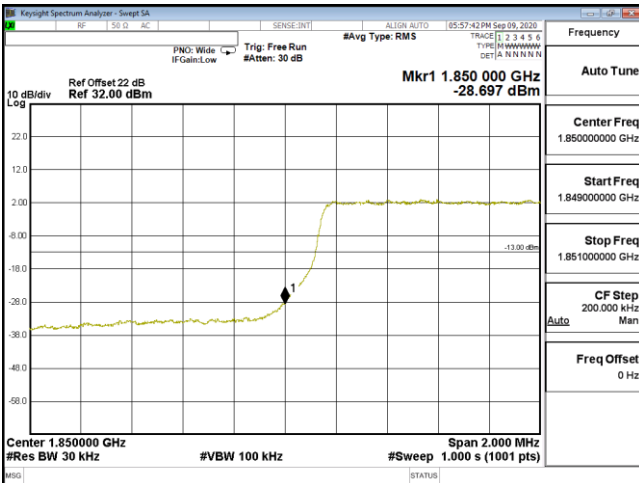
EDGE B2 3M CH19185 64QAM(1,14)



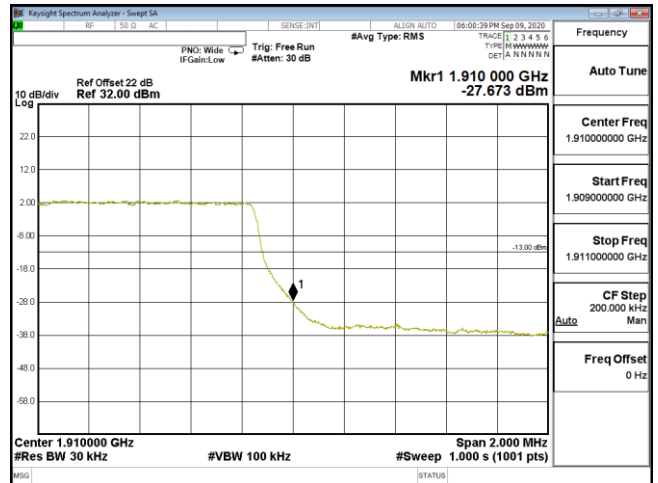
EDGE B2 3M CH18615 QPSK(15,0)



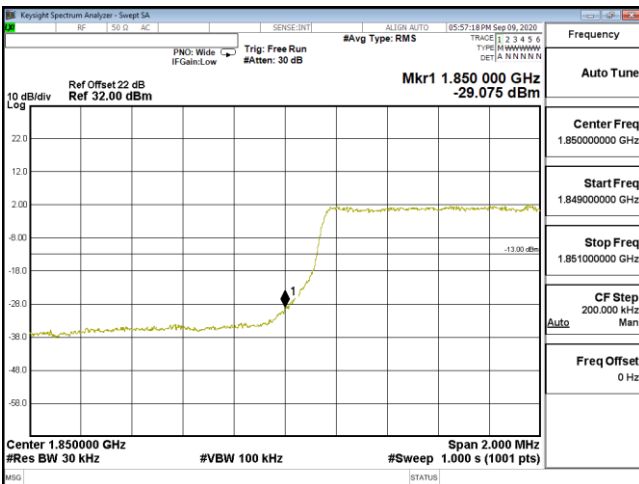
EDGE B2 3M CH19185 QPSK(15,0)



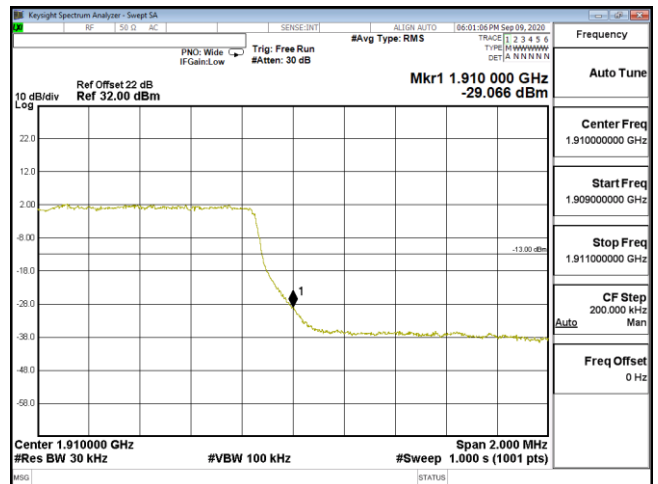
EDGE B2 3M CH18615 16QAM(15,0)



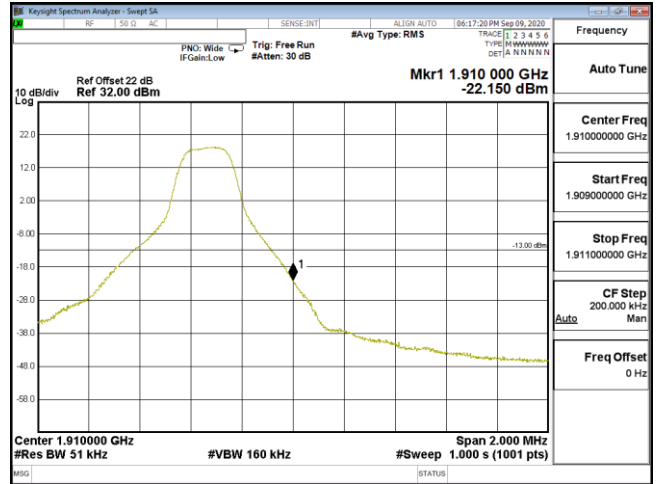
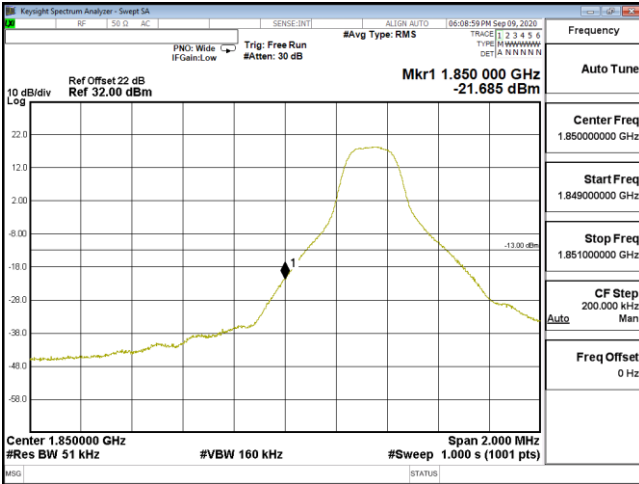
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EDGE B2 3M CH18615 64QAM(15,0)

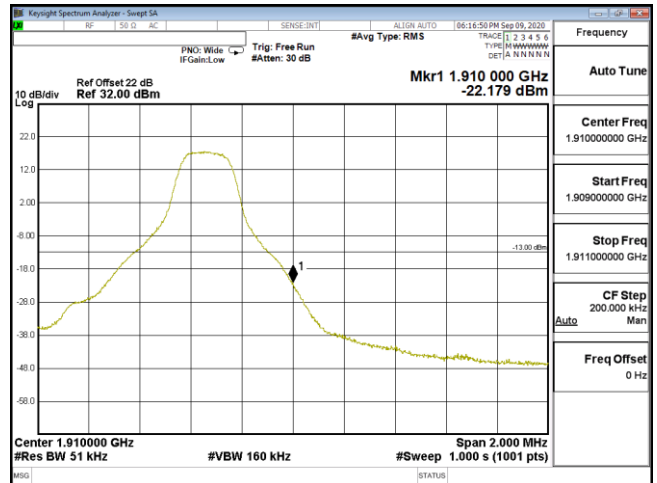
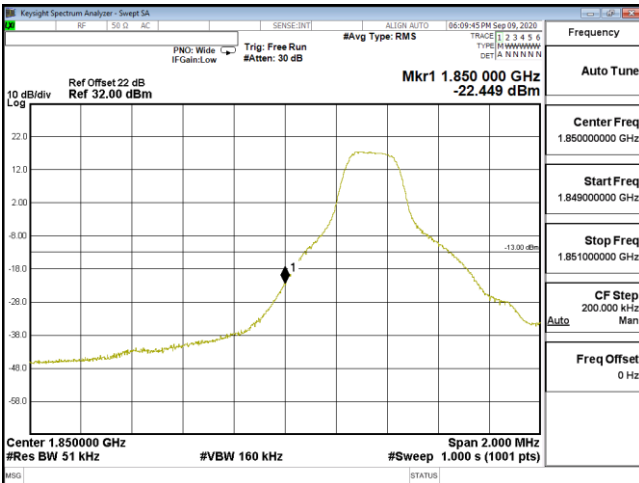


EDGE B2 3M CH19185 64QAM(15,0)



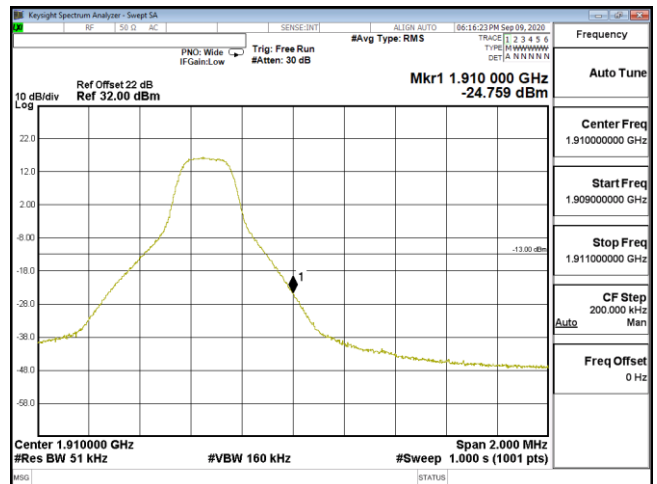
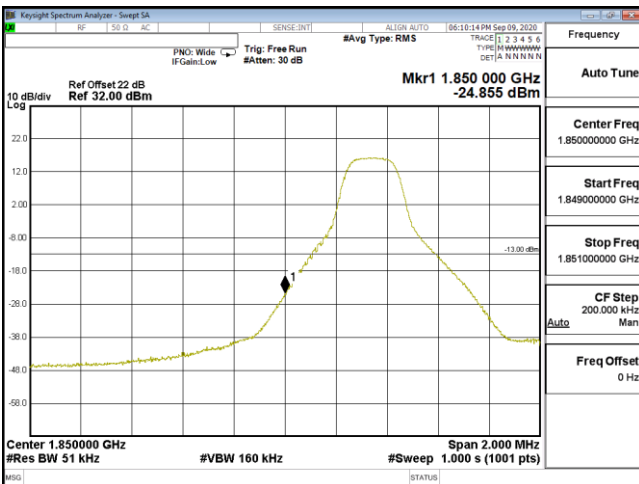
EDGE B2 5M CH18625 QPSK(1,0)

EDGE B2 5M CH19175 QPSK(1,24)



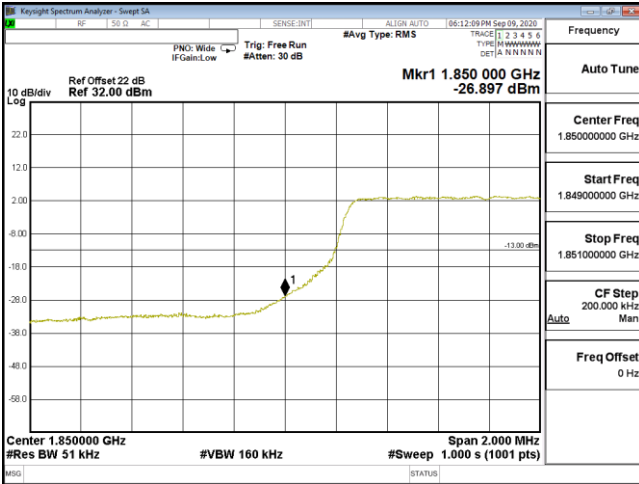
EDGE B2 5M CH18625 16QAM(1,0)

EDGE B2 5M CH19175 16QAM(1,24)

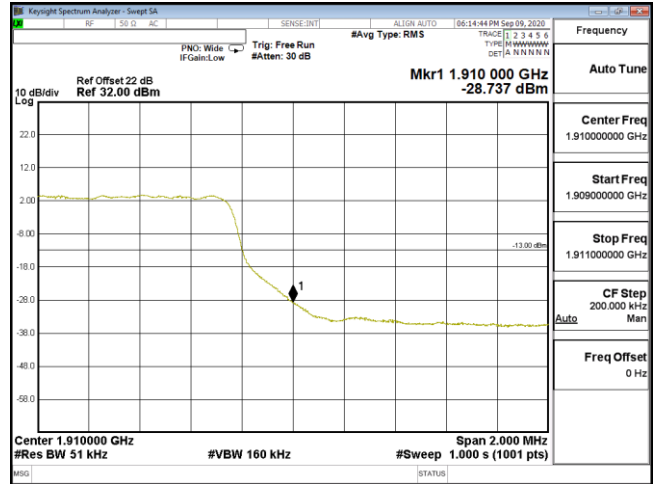


EDGE B2 5M CH18625 64QAM(1,0)

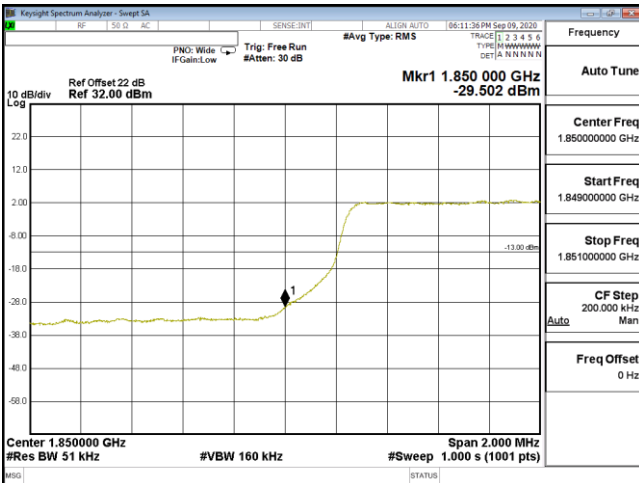
EDGE B2 5M CH19175 64QAM(1,24)



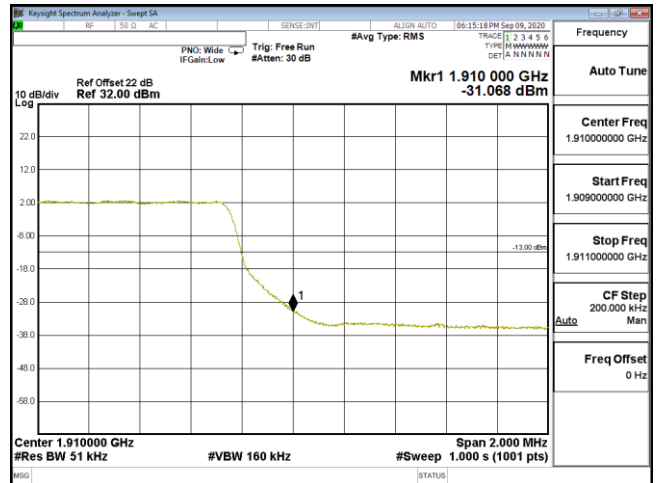
EDGE B2 5M CH18625 QPSK(25,0)



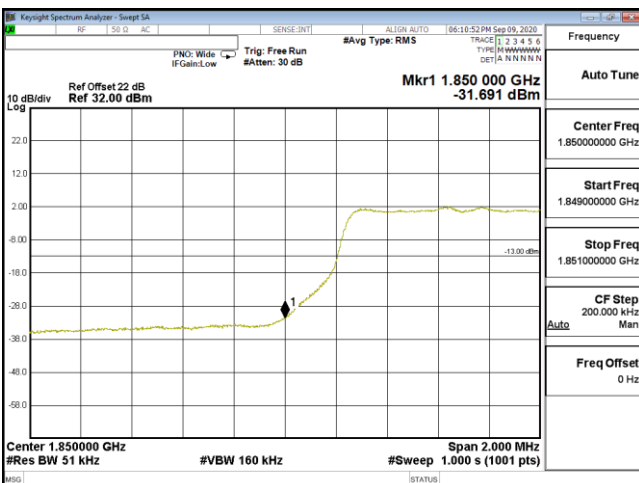
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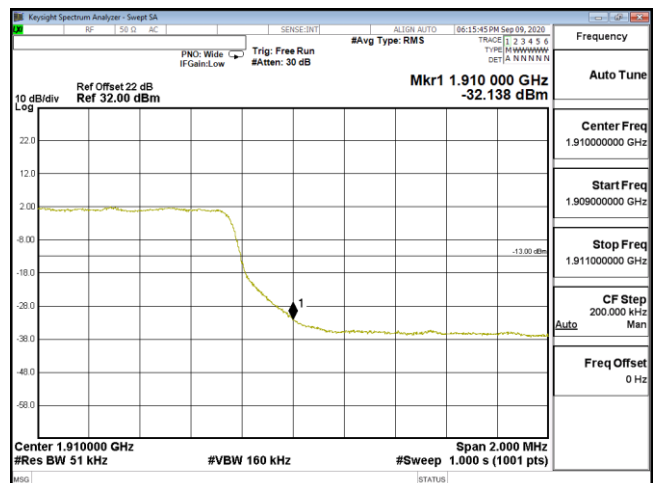
EDGE B2 5M CH18625 16QAM(25,0)



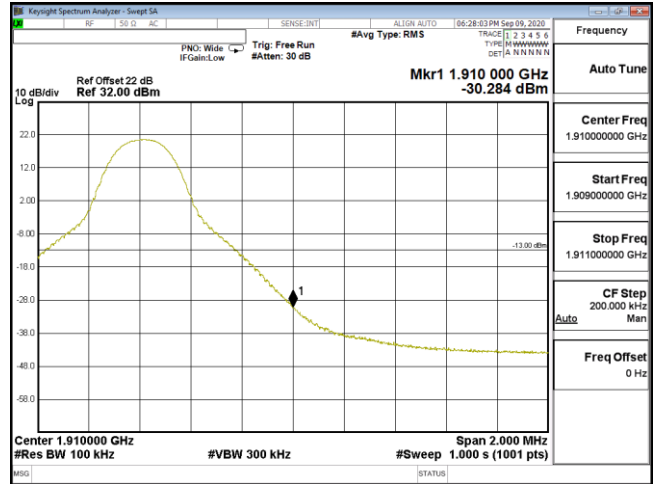
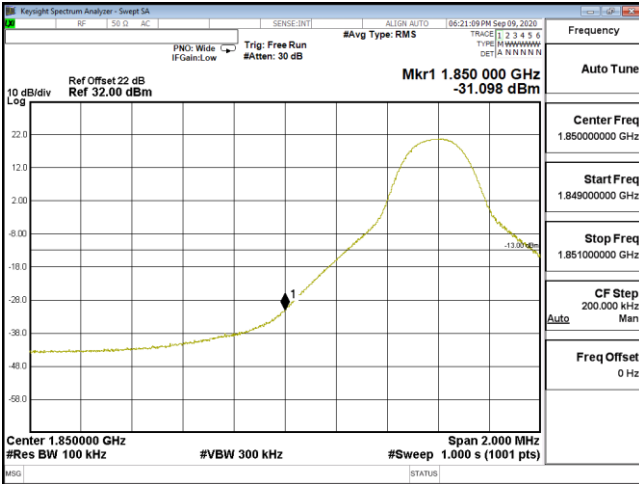
EDGE B2 5M CH19175 16QAM(25,0)



EDGE B2 5M CH18625 64QAM(25,0)

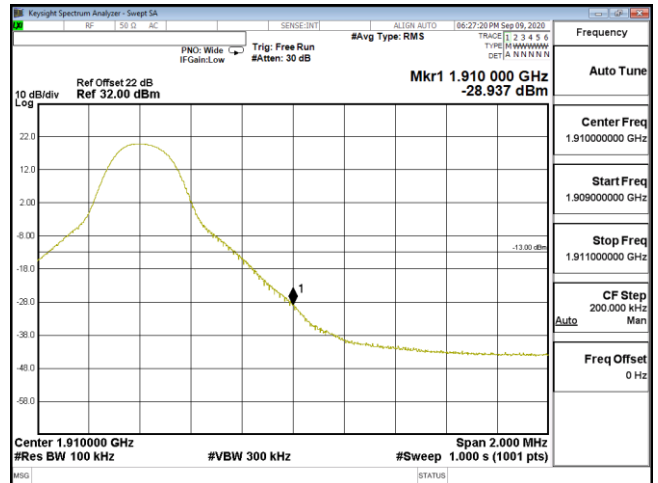
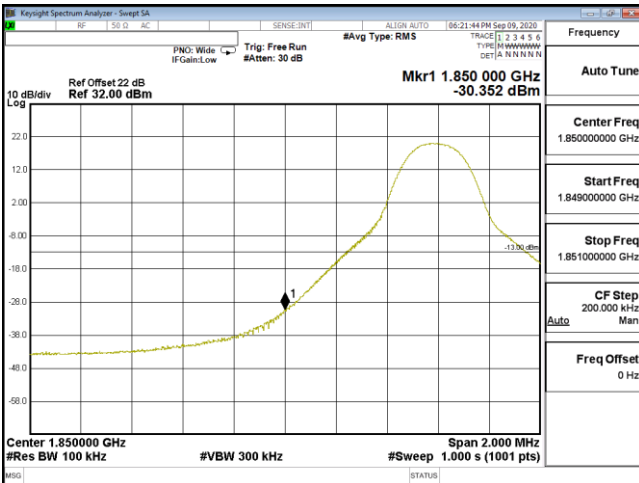


EDGE B2 5M CH19175 64QAM(25,0)



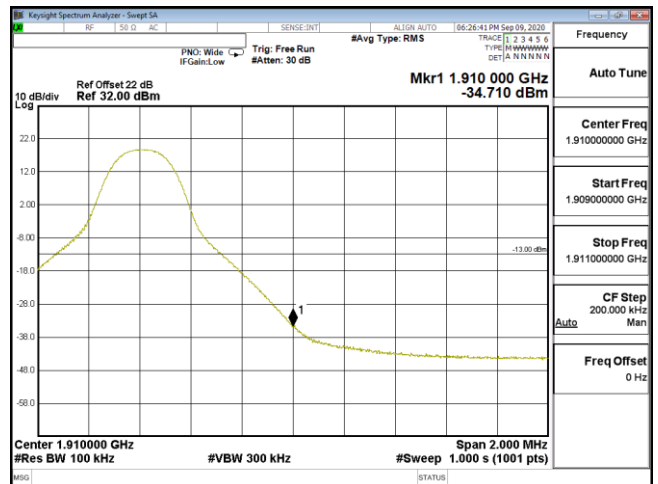
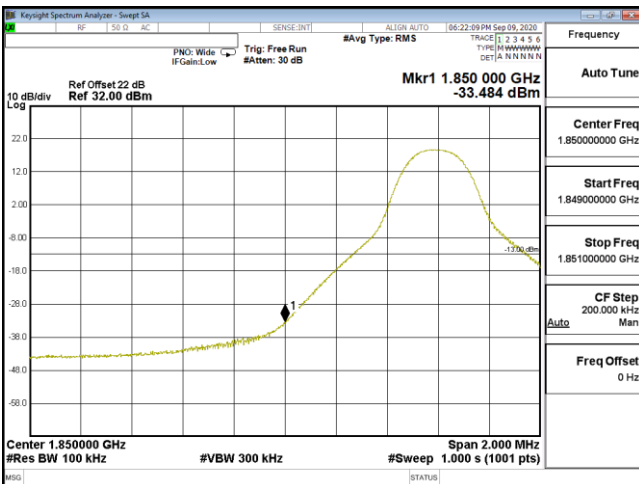
EDGE B2 10M CH18650 QPSK(1,0)

EDGE B2 10M CH19150 QPSK(1,49)



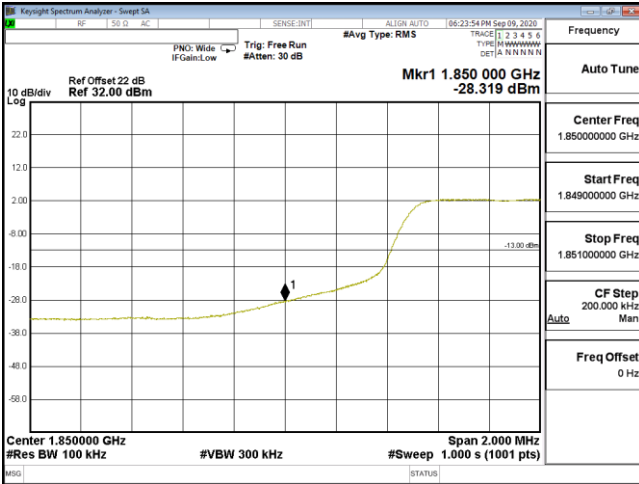
EDGE B2 10M CH18650 16QAM(1,0)

EDGE B2 10M CH19150 16QAM(1,49)

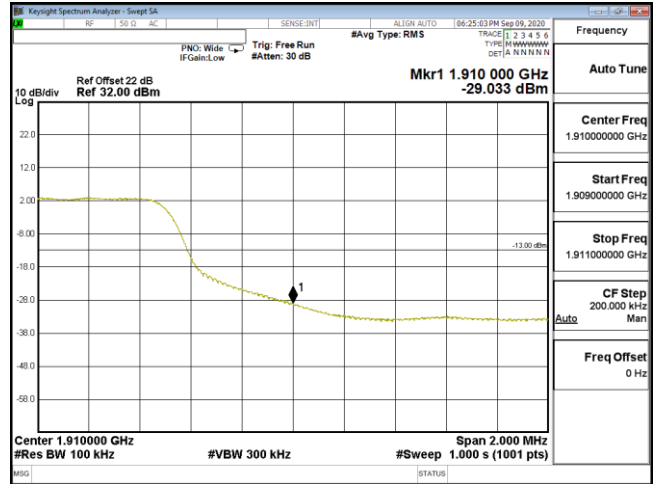


EDGE B2 10M CH18650 64QAM(1,0)

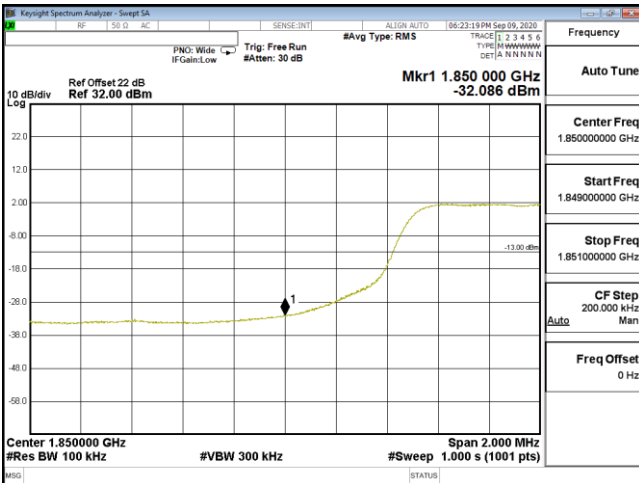
EDGE B2 10M CH19150 64QAM(1,49)



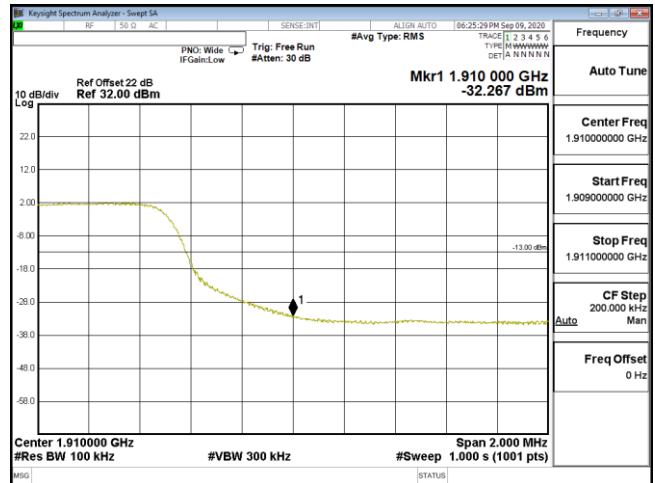
EDGE B2 10M CH18650 QPSK(50,0)



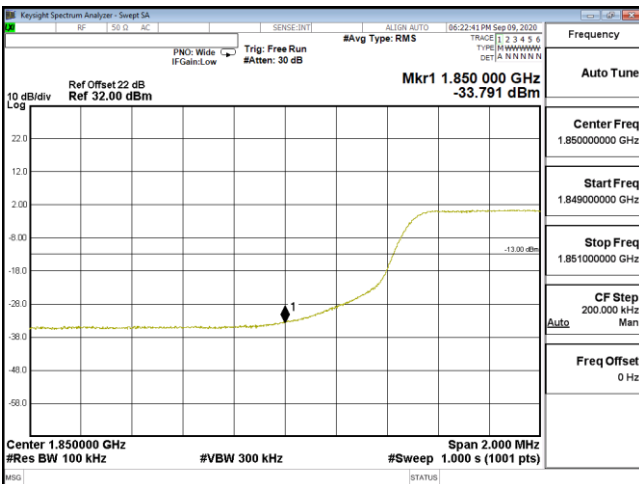
EDGE B2 10M CH19150 QPSK(50,0)



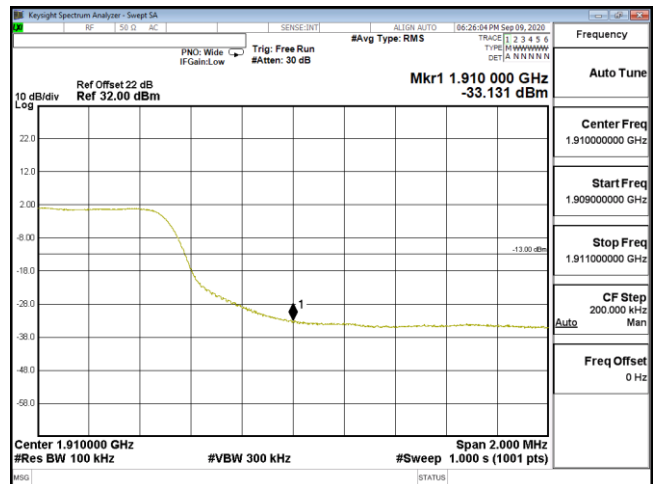
EDGE B2 10M CH18650 16QAM(50,0)



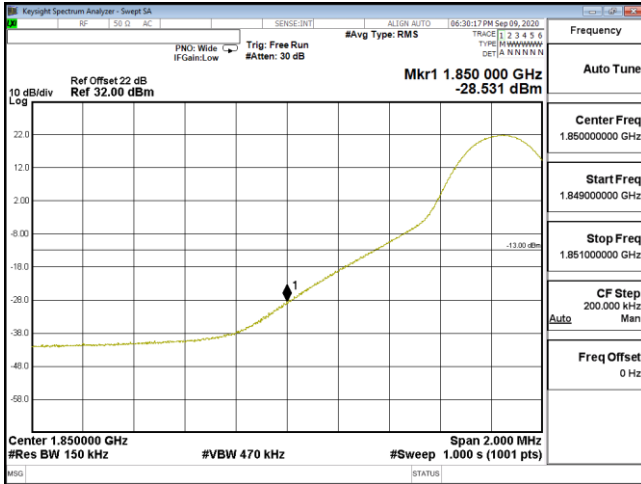
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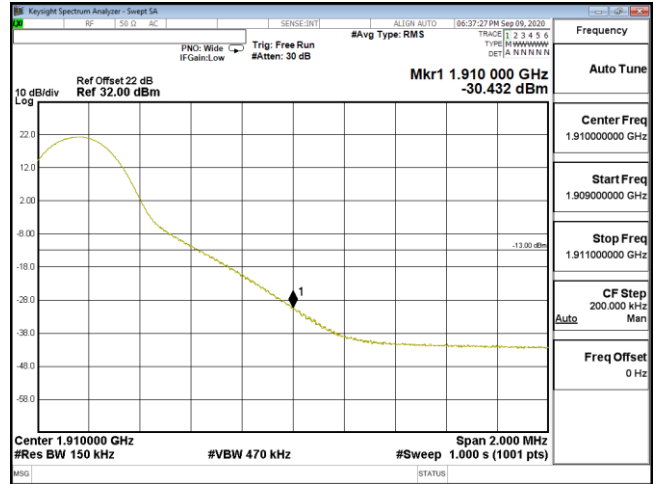
EDGE B2 10M CH18650 64QAM(50,0)



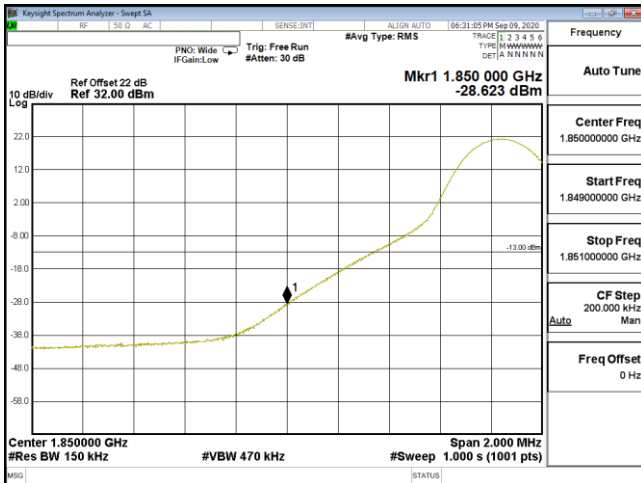
EDGE B2 10M CH19150 64QAM(50,0)



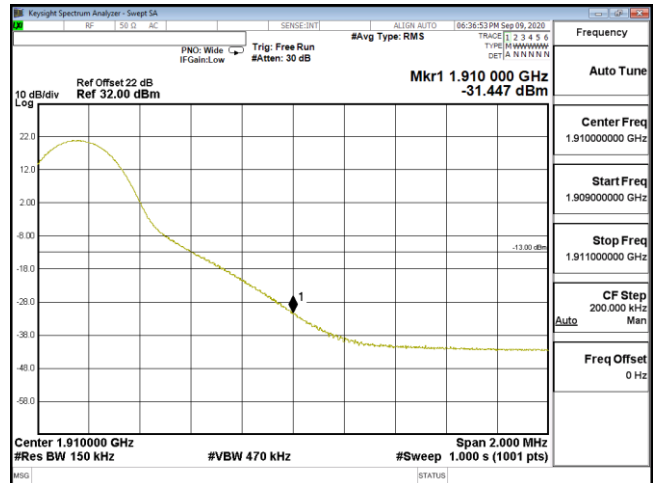
EDGE B2 15M CH18675 QPSK(1,0)



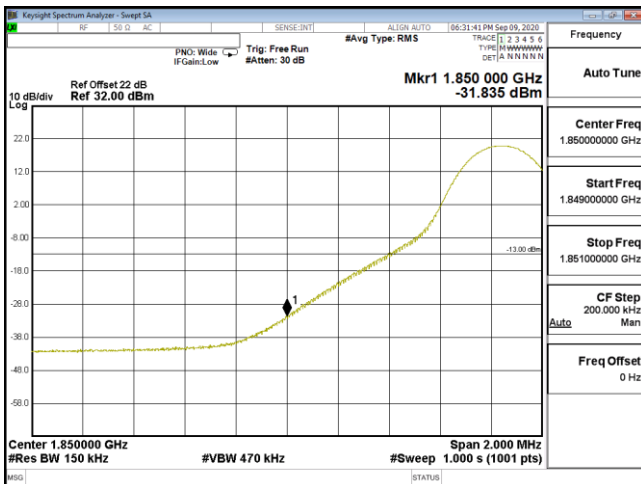
EDGE B2 15M CH19125 QPSK(1,74)



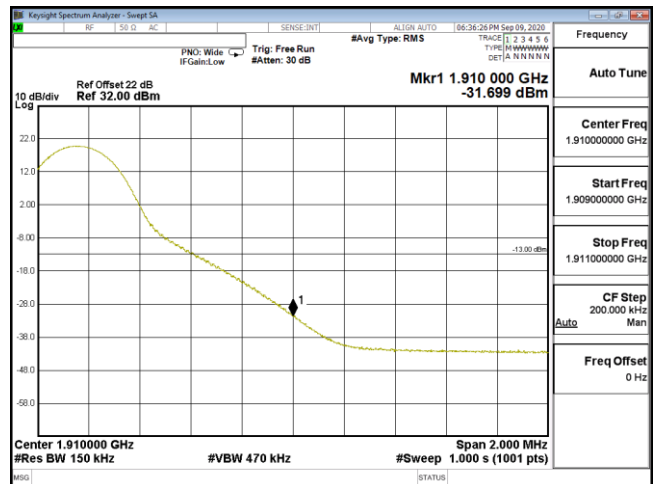
EDGE B2 15M CH18675 16QAM(1,0)



EDGE B2 15M CH19125 16QAM(1,74)

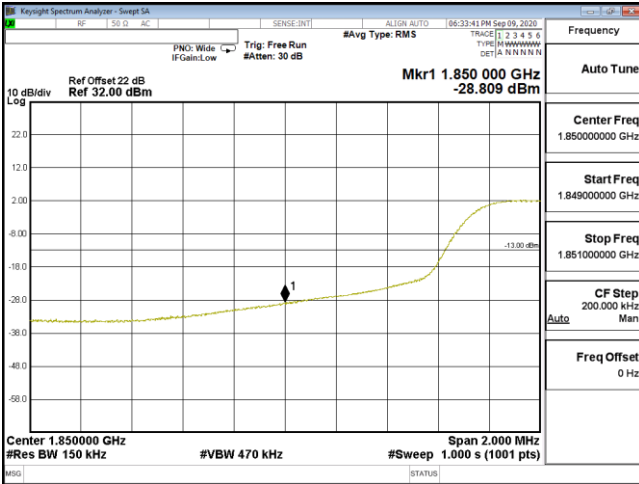


EDGE B2 15M CH18675 64QAM(1,0)

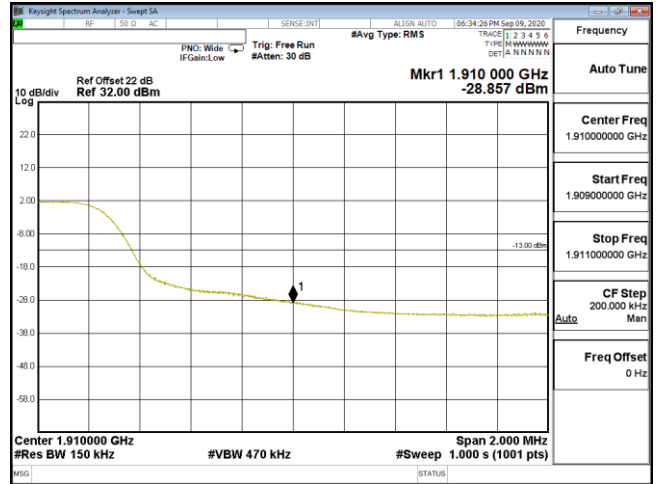


EDGE B2 15M CH19125 64QAM(1,74)

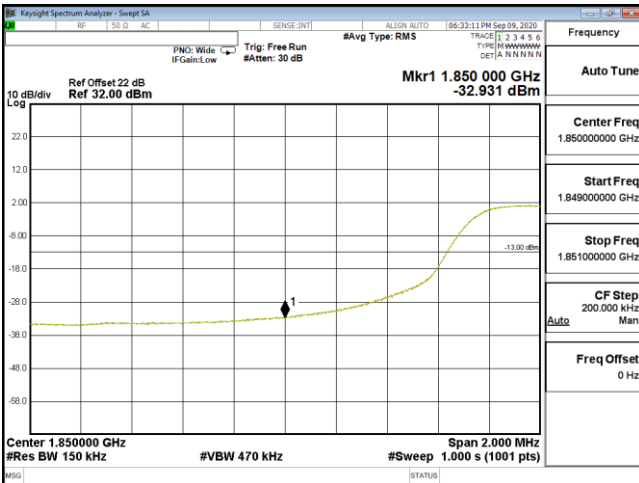




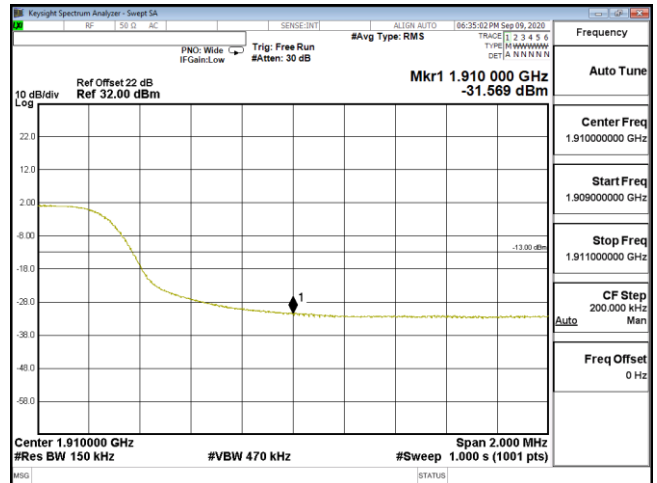
EDGE B2 15M CH18675 QPSK(75,0)



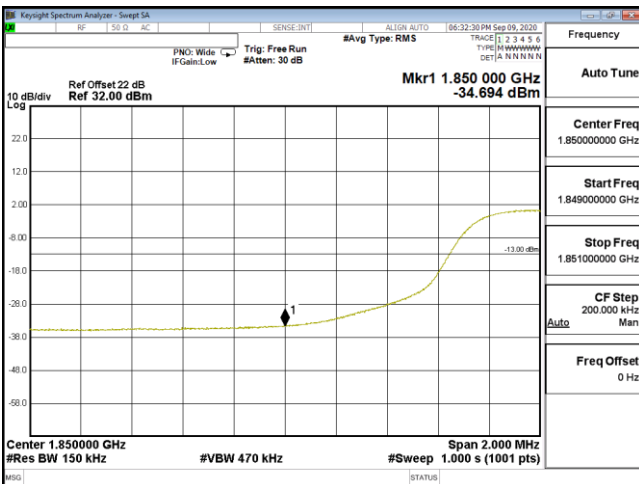
EDGE B2 15M CH19125 QPSK(75,0)



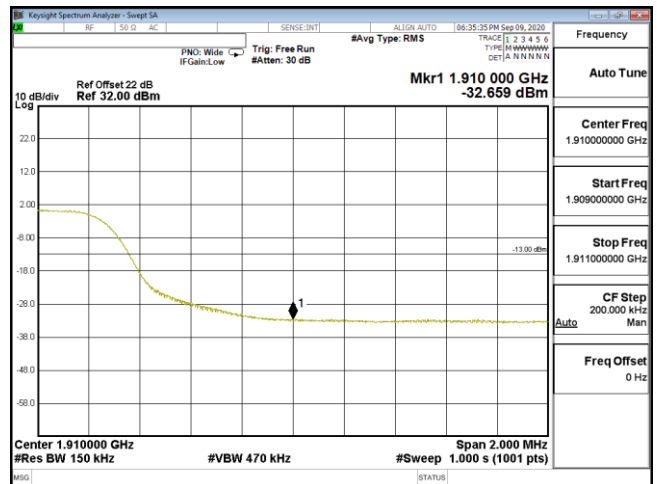
EDGE B2 15M CH18675 16QAM(75,0)



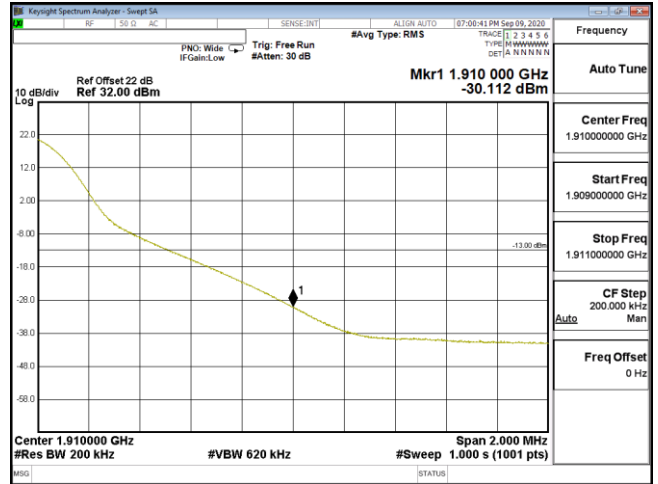
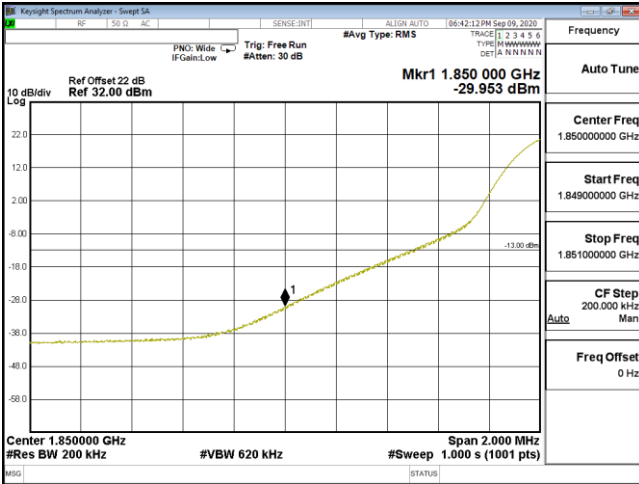
EDGE B2 15M CH19125 16QAM(75,0)



EDGE B2 15M CH18675 64QAM(75,0)

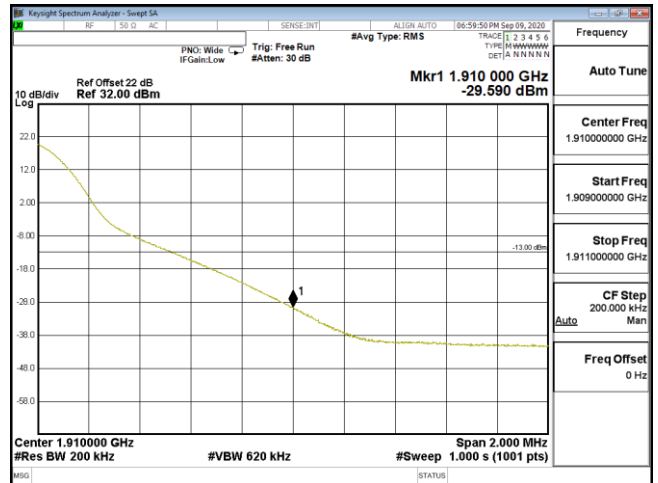
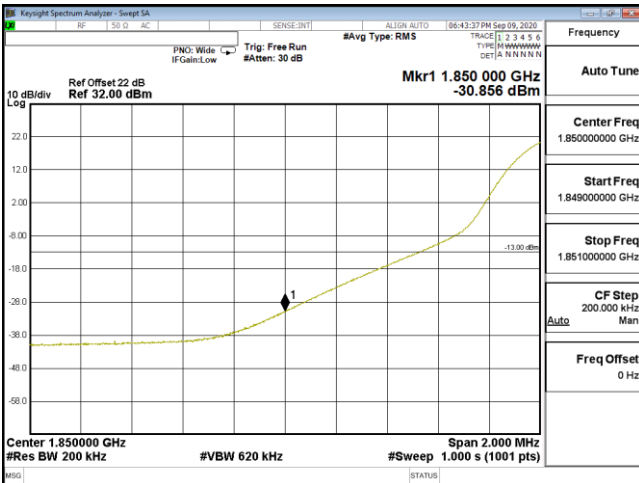


EDGE B2 15M CH19125 64QAM(75,0)



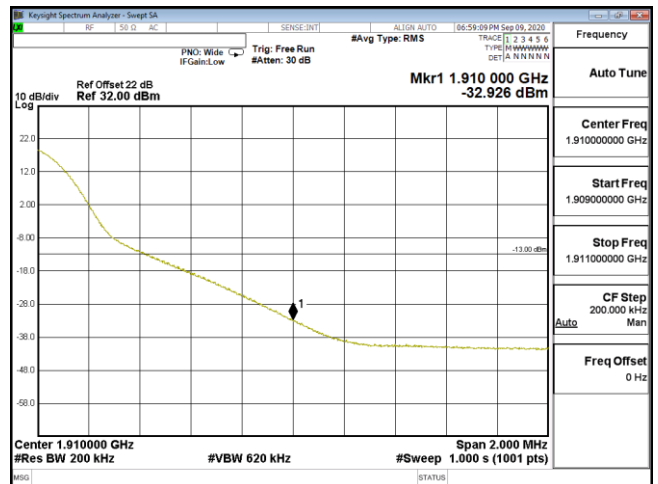
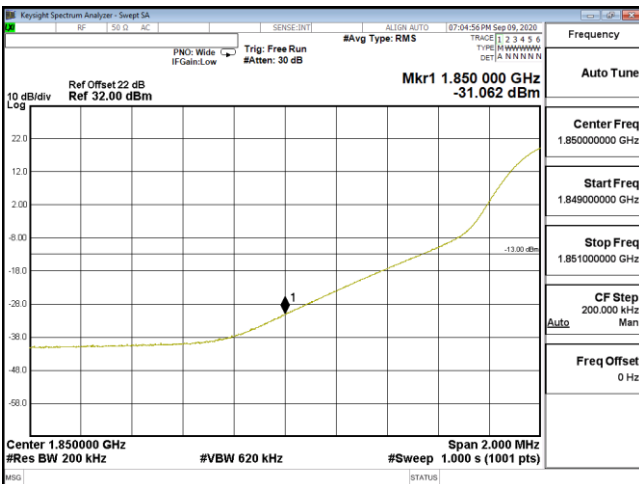
EDGE B2 20M CH18700 QPSK(1,0)

EDGE B2 20M CH19100 QPSK(1,99)



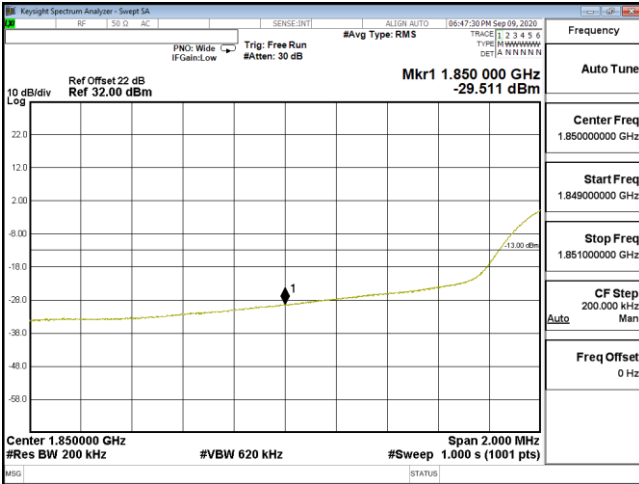
EDGE B2 20M CH18700 16QAM(1,0)

EDGE B2 20M CH19100 16QAM(1,99)

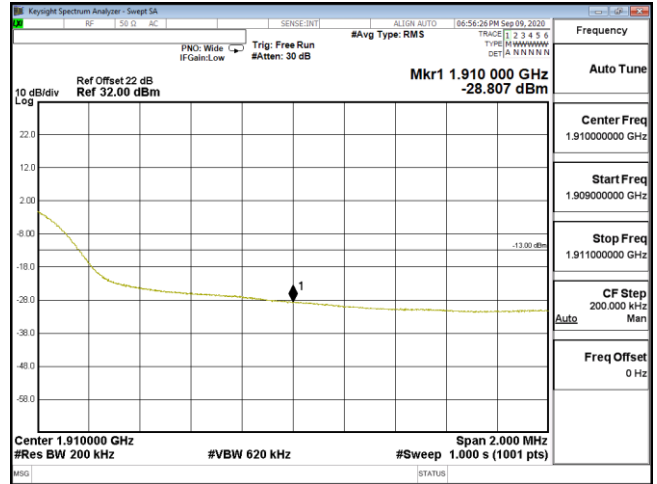


EDGE B2 20M CH18700 64QAM(1,0)

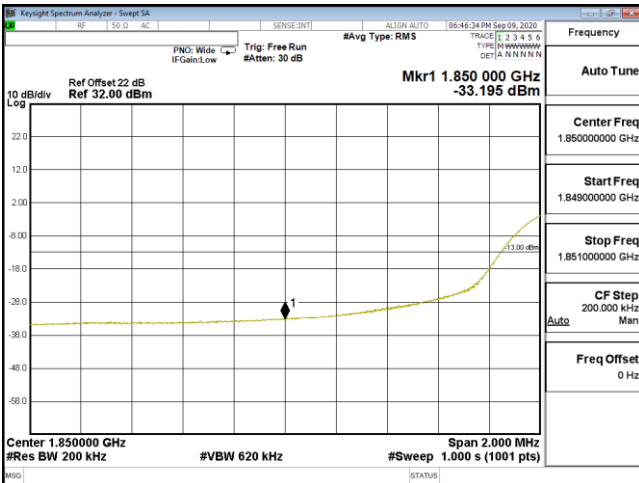
EDGE B2 20M CH19100 64QAM(1,99)



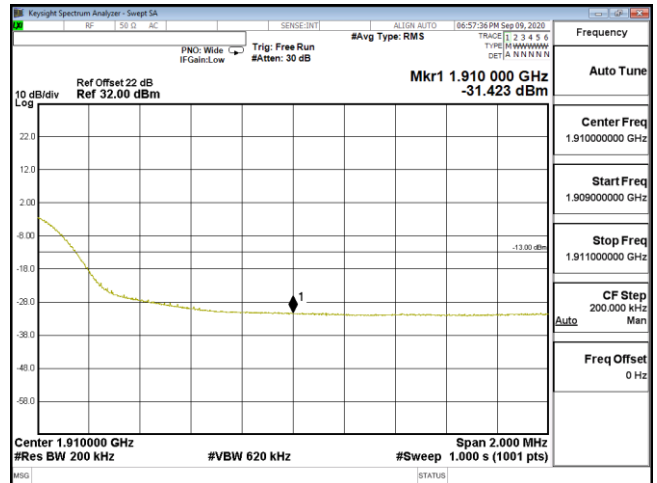
EDGE B2 20M CH18700 QPSK(100,0)



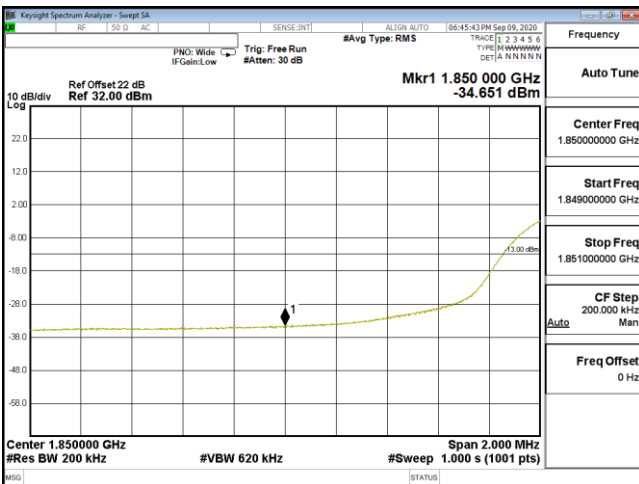
EDGE B2 20M CH19100 QPSK(100,0)



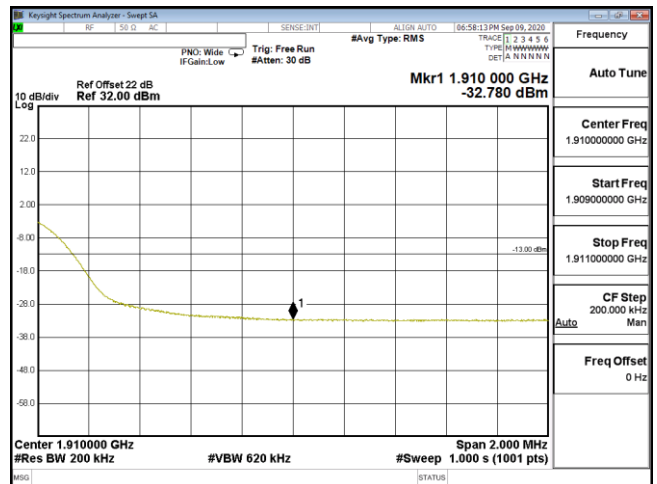
EDGE B2 20M CH18700 16QAM(100,0)



EDGE B2 20M CH19100 16QAM(100,0)



EDGE B2 20M CH18700 64QAM(100,0)



EDGE B2 20M CH19100 64QAM(100,0)

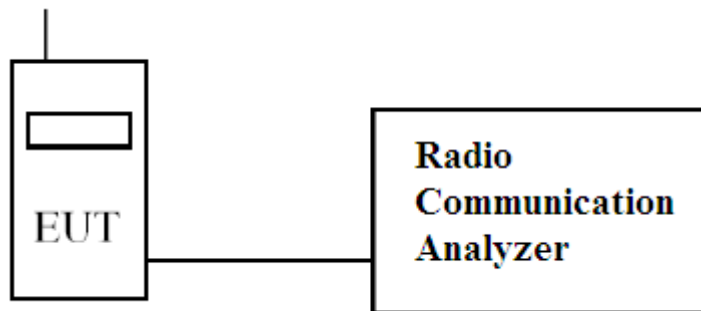
## 6. Spurious Emission

### 6.1. Test Specification

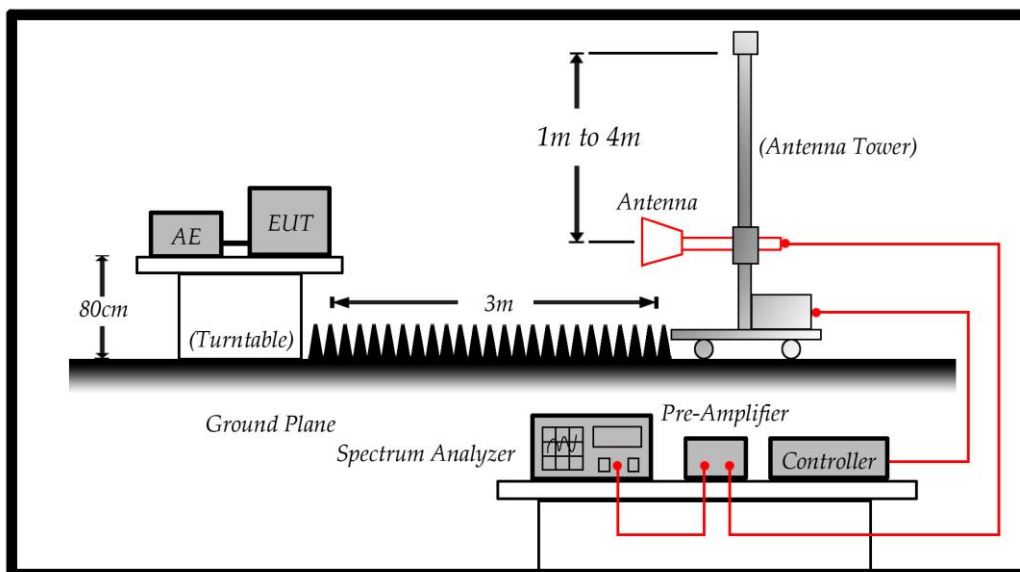
According to Part 2.1051, 2.1053, 24.238

### 6.2. Test Setup

#### 6.2.1 Spurious emissions at antenna terminals.



#### 6.2.2 Field strength of spurious radiation.



### 6.3. Limits

<b>Limit</b>	<b>&lt;-13dBm</b>
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$43 + 10\text{Log}(P)$  down on the carrier where P is the power in Watts.

#### 6.4. Test Procedure

In accordance with Part 2.1051, 2.1053, 24.238, the spurious emissions from the antenna terminal were measured. The transmitter output power was attenuated using a combination of filters and attenuators and the frequency spectrum investigated from 30MHz to 20GHz. The EUT was set to transmit on full power. The EUT was tested on Low, middle and High channels for both power levels. The resolution and video bandwidth was set to 1MHz/3MHz in accordance with Part 2.1051, 2.1053, 24.238. The spectrum analyzer detector was set to Max Hold. In addition, measurements were made up to the 10<sup>th</sup> harmonic of the fundamental. The device was then replaced with a substitution antenna, which input signal was adjusted until the received level matched that of the previously detected emission.

- (1) The EUT is tested with maximum rated TX power via the Base Station simulator.
- (2) The EUT is tested in three orthogonal planes, The worst case was showing in this report.

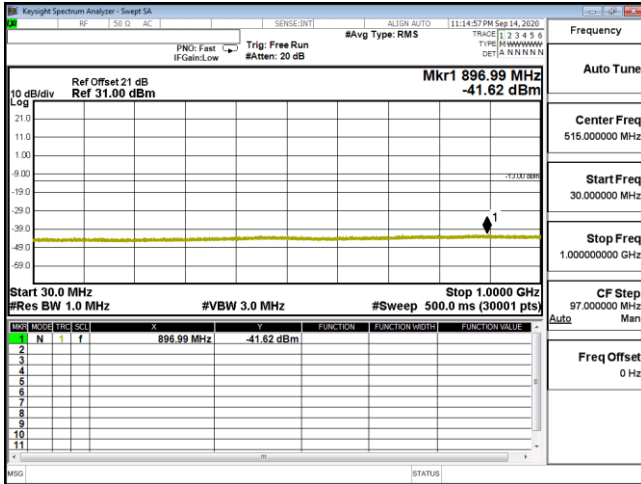
The EUT is placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

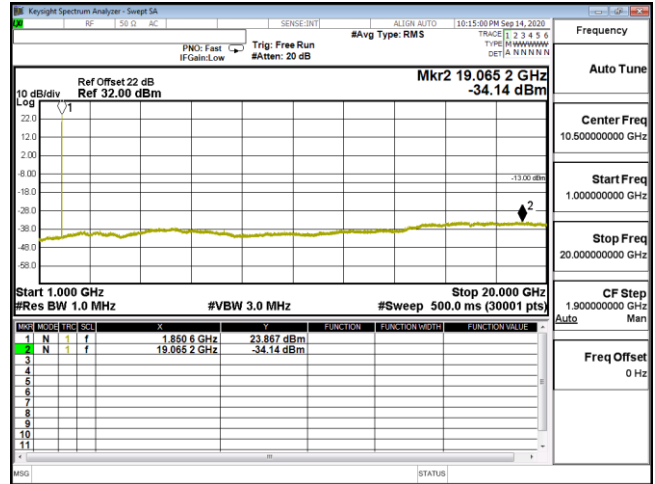
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to TIA/EIA 603-E on radiated measurement.

### 6.5. Test Result of Spurious Emission

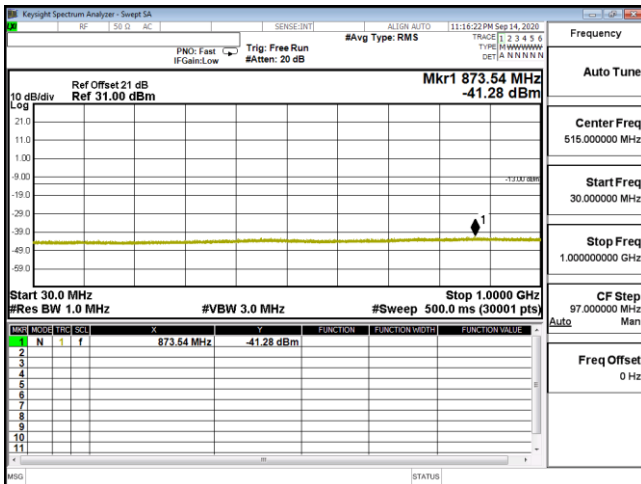
Product	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router		
Test Mode	Spurious Emission (Conducted)		
Date of Test	2020/09/10	Test Site	CTR
Test Condition	LTE-Band 2	Test Range	30MHz~20GHz



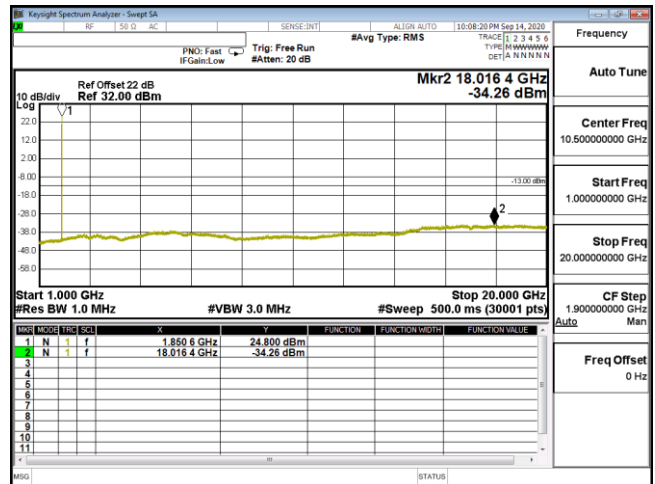
CSE B2 1.4M CH18607 QPSK(1,2) 30M-1G



CSE B2 1.4M CH18607 QPSK(1,2) 1G-20G



CSE B2 1.4M CH18607 16QAM(1,2) 30M-1G



CSE B2 1.4M CH18607 16QAM(1,2) 1G-20G

