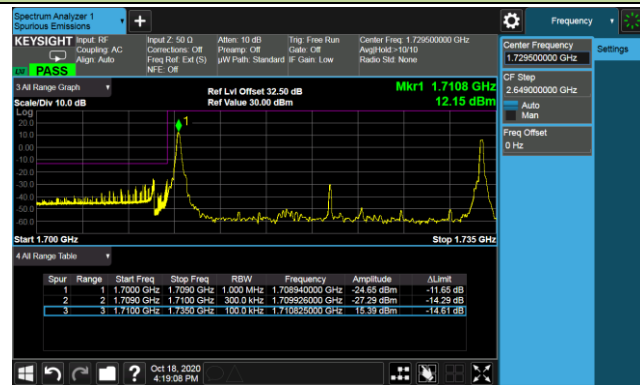
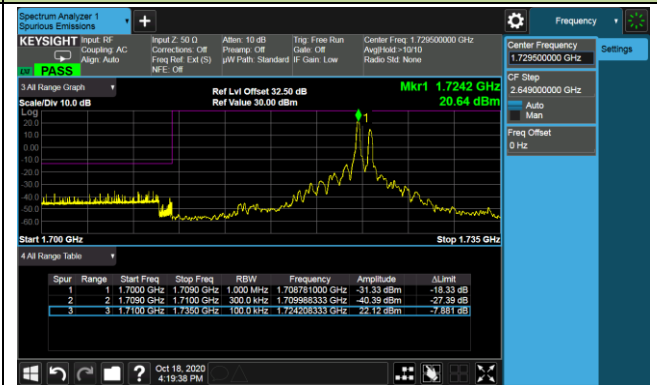


15+10MHz Channel Bandwidth

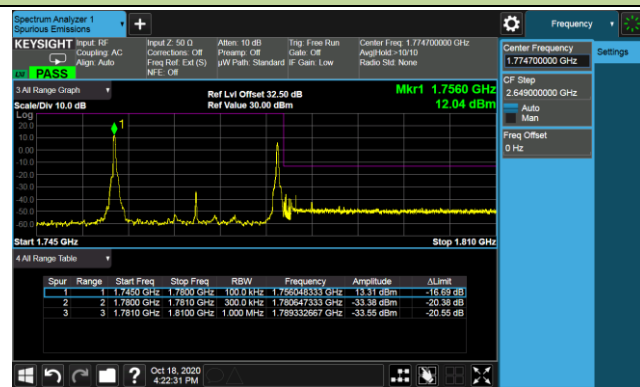
Lower Band Edge RB = 0 & 49



Lower Band Edge RB = 74 & 0



Upper Band Edge RB = 0 & 49

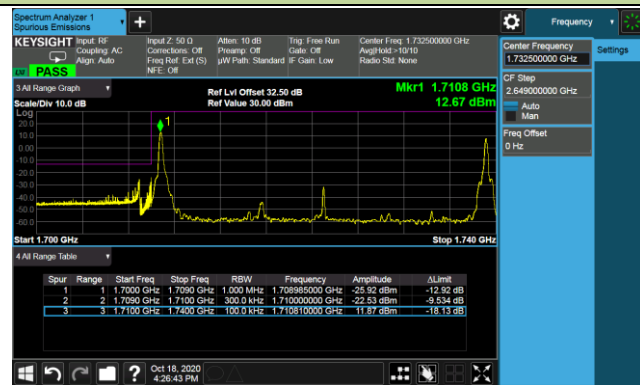


Upper Band Edge RB = 74 & 0

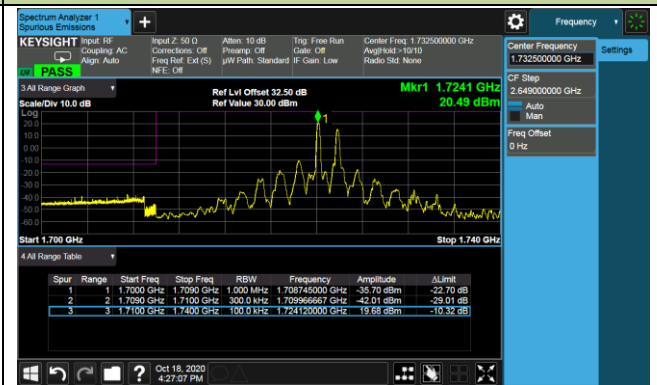


15+15MHz Channel Bandwidth

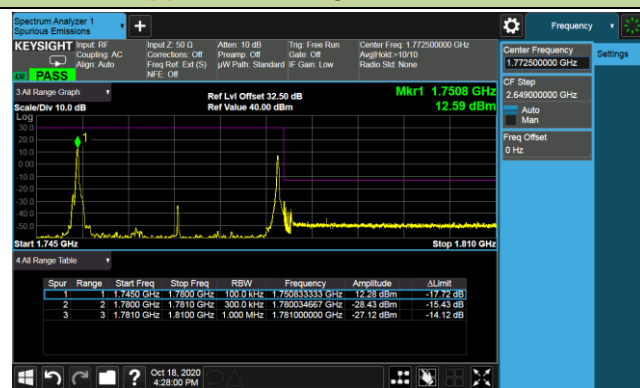
Lower Band Edge RB = 0 & 74



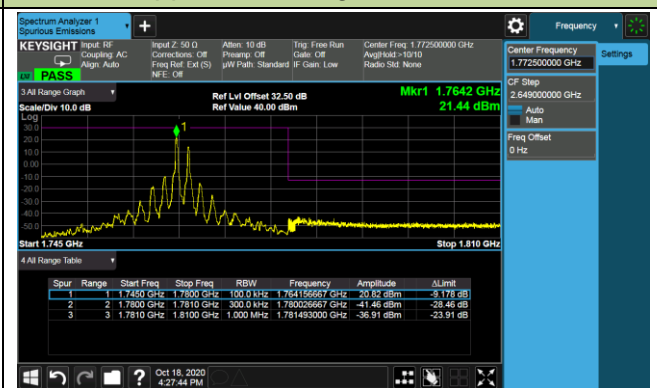
Lower Band Edge RB = 74 & 0



Upper Band Edge RB = 0 & 74

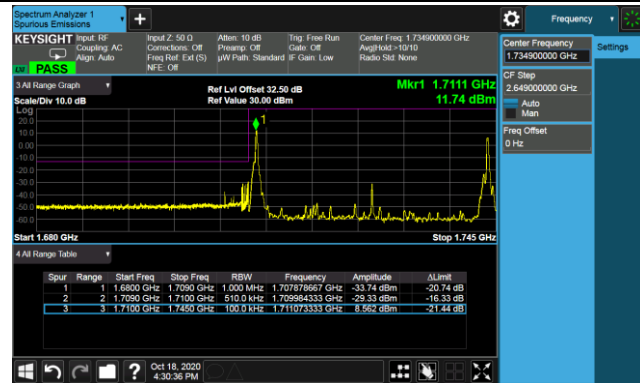


Upper Band Edge RB = 74 & 0

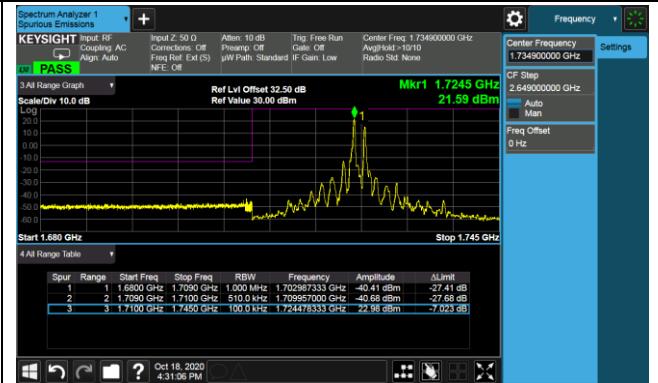


15+20MHz Channel Bandwidth

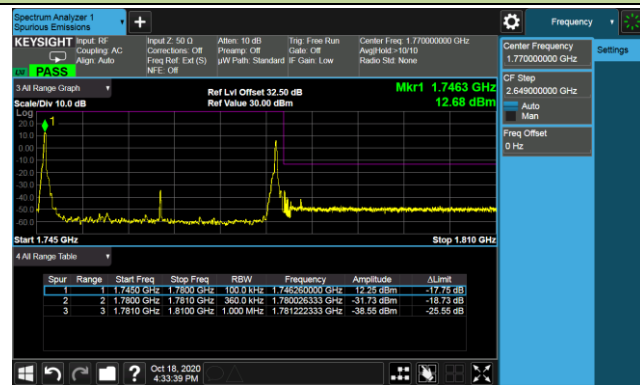
Lower Band Edge RB = 0 & 99



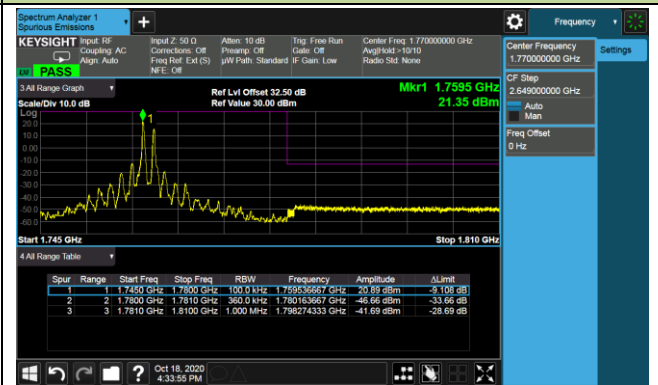
Lower Band Edge RB = 74 & 0



Upper Band Edge RB = 0 & 99

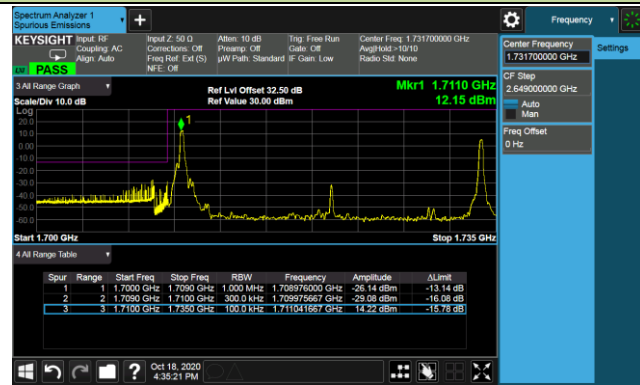


Upper Band Edge RB = 74 & 0

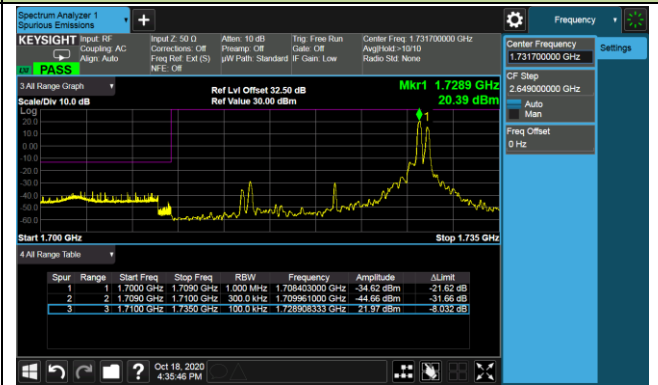


20+5MHz Channel Bandwidth

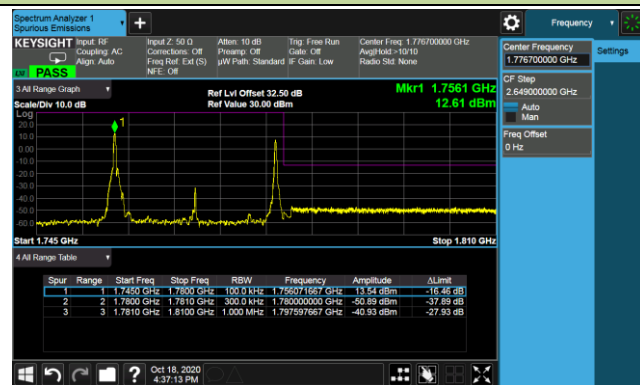
Lower Band Edge RB = 0 & 24



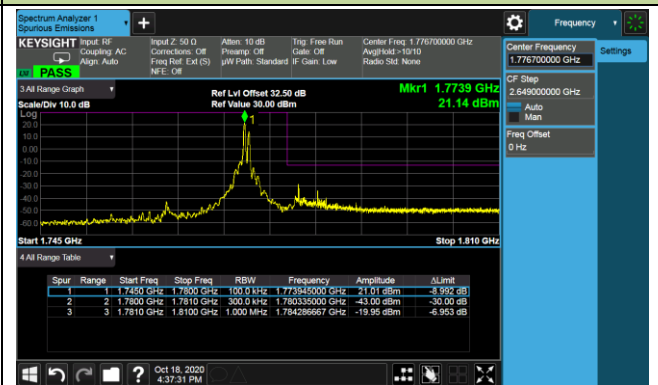
Lower Band Edge RB = 99 & 0



Upper Band Edge RB = 0 & 24

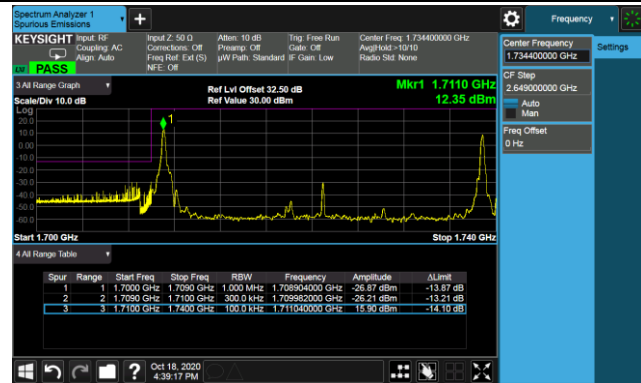


Upper Band Edge RB = 99 & 0

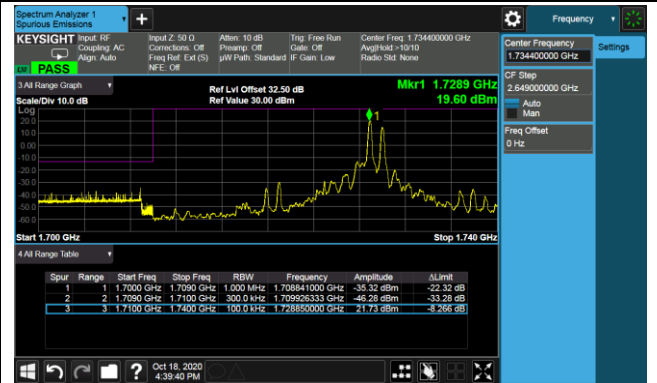


20+10MHz Channel Bandwidth

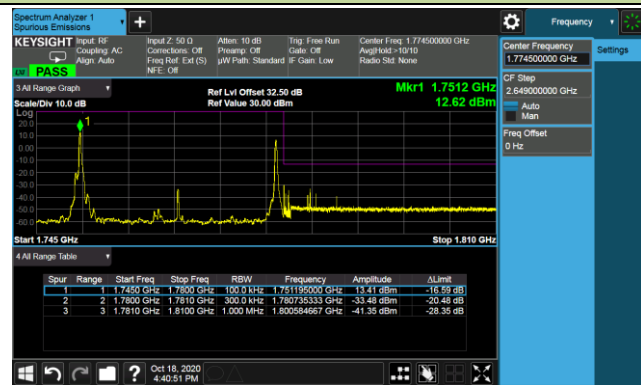
Lower Band Edge RB = 0 & 49



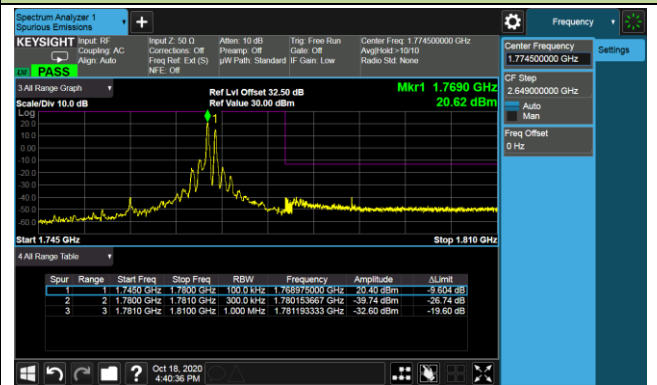
Lower Band Edge RB = 99 & 0



Upper Band Edge RB = 0 & 49

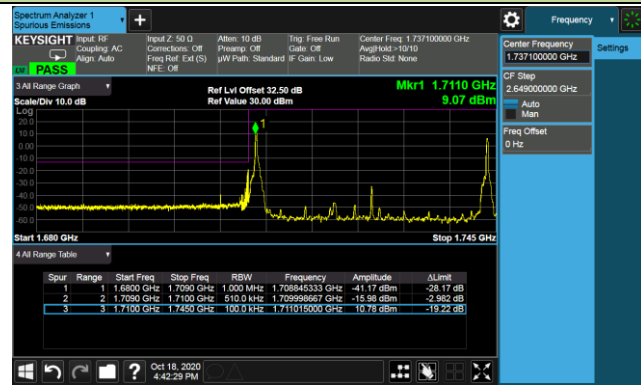


Upper Band Edge RB = 99 & 0

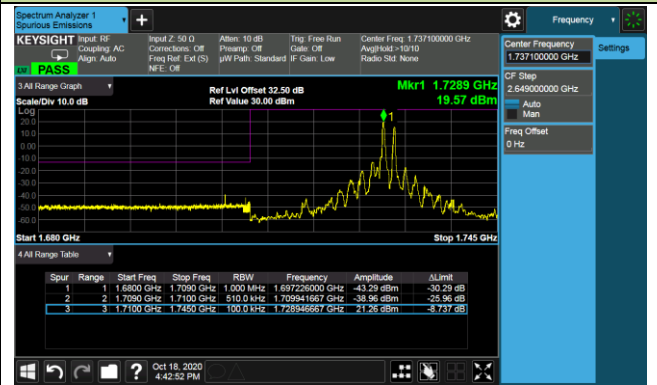


20+15MHz Channel Bandwidth

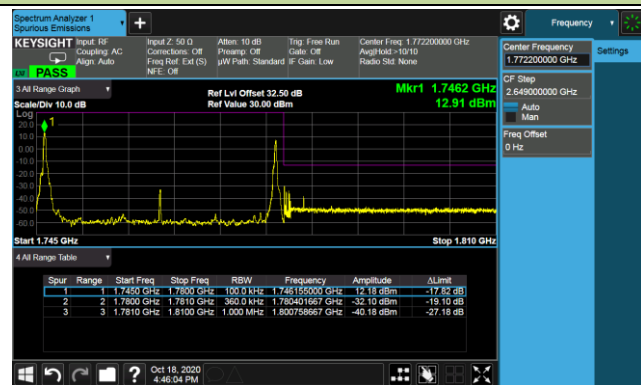
Lower Band Edge RB = 0 & 74



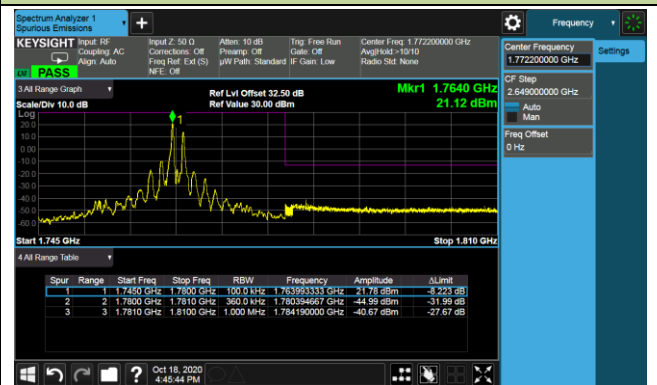
Lower Band Edge RB = 99 & 0



Upper Band Edge RB = 0 & 74

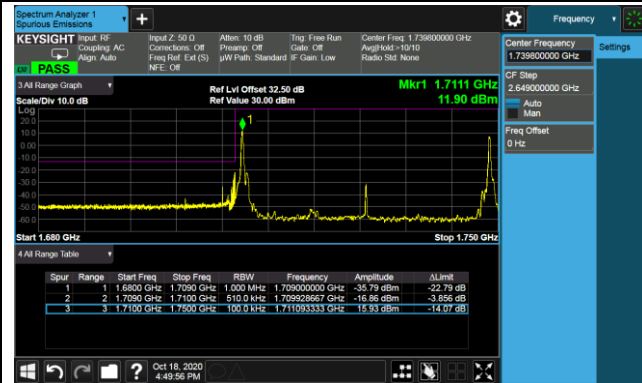


Upper Band Edge RB = 99 & 0

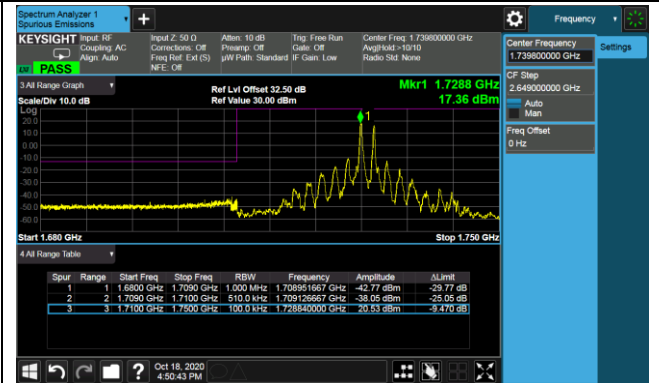


20+20MHz Channel Bandwidth

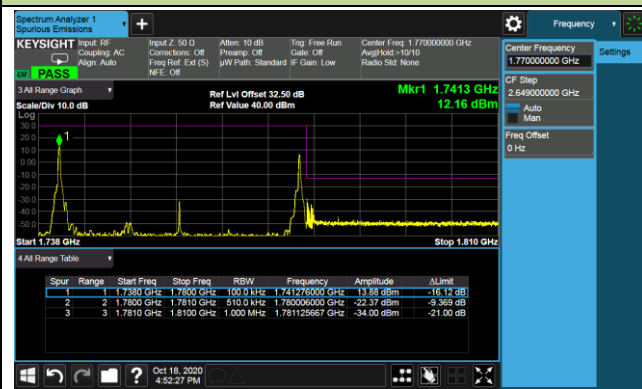
Lower Band Edge RB = 0 & 99



Lower Band Edge RB = 99 & 0



Upper Band Edge RB = 0 & 99

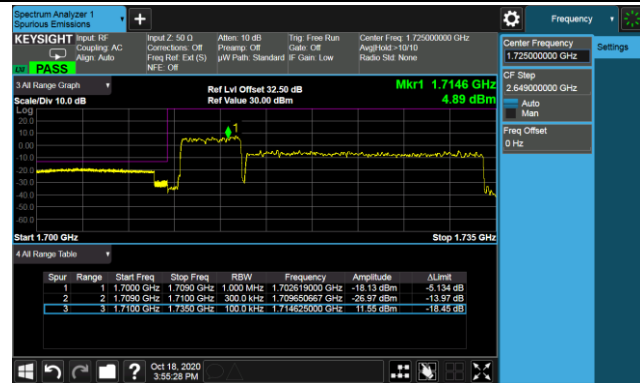


Upper Band Edge RB = 99 & 0



5+20MHz Channel Bandwidth Full RB

Lower Band Edge

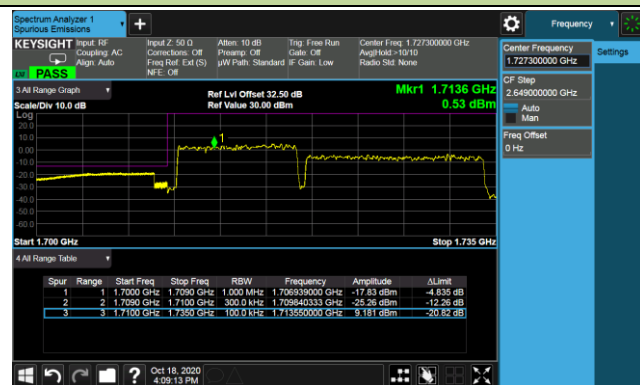


Upper Band Edge



10+15MHz Channel Bandwidth Full RB

Lower Band Edge

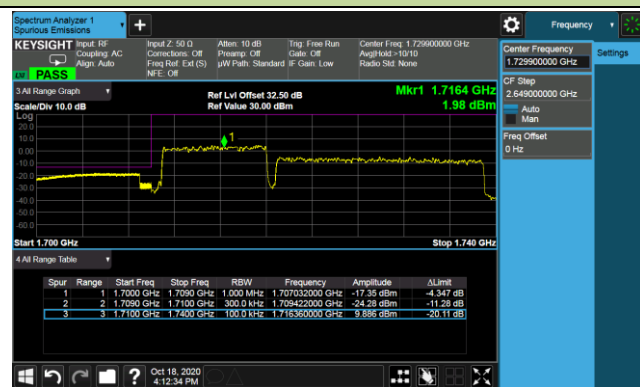


Upper Band Edge



10+20MHz Channel Bandwidth Full RB

Lower Band Edge

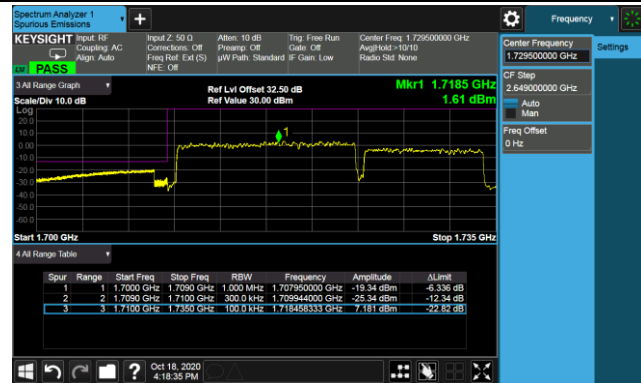


Upper Band Edge

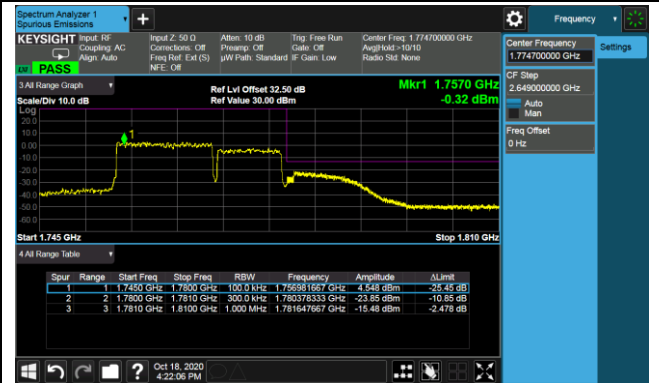


15+10MHz Channel Bandwidth Full RB

Lower Band Edge

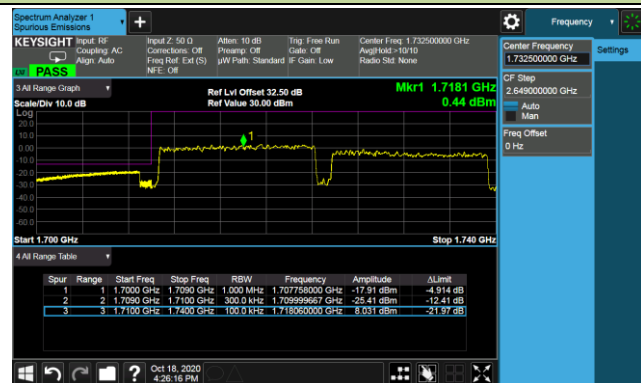


Upper Band Edge



15+15MHz Channel Bandwidth Full RB

Lower Band Edge

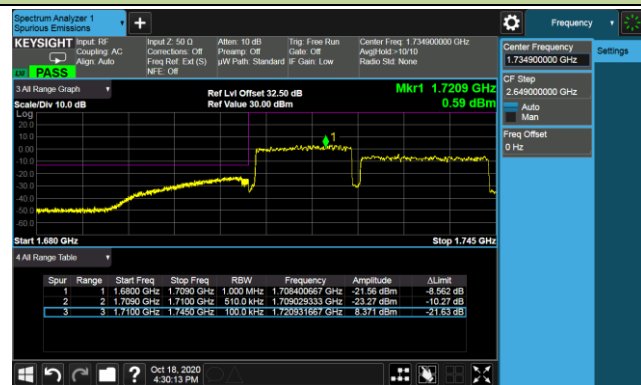


Upper Band Edge

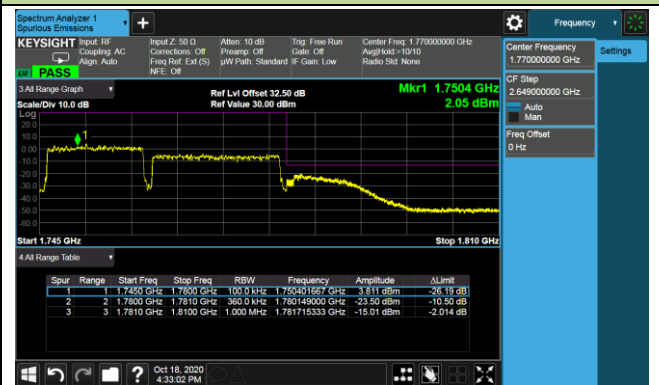


15+20MHz Channel Bandwidth Full RB

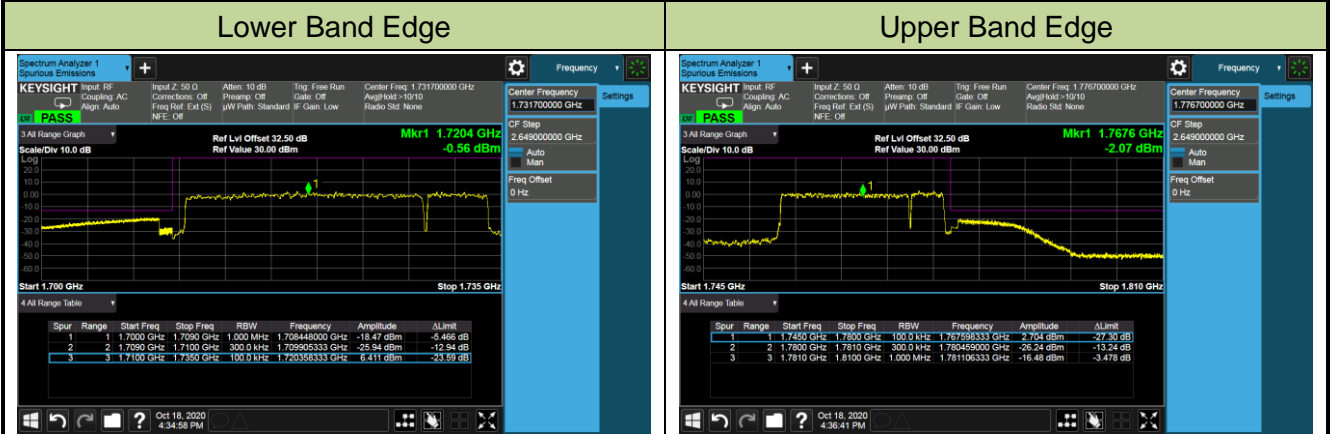
Lower Band Edge



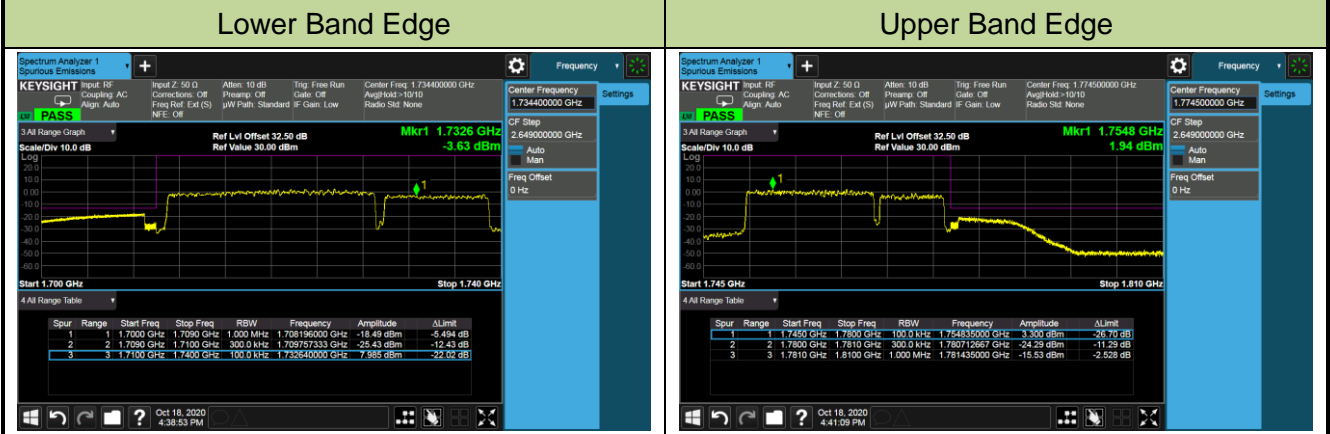
Upper Band Edge



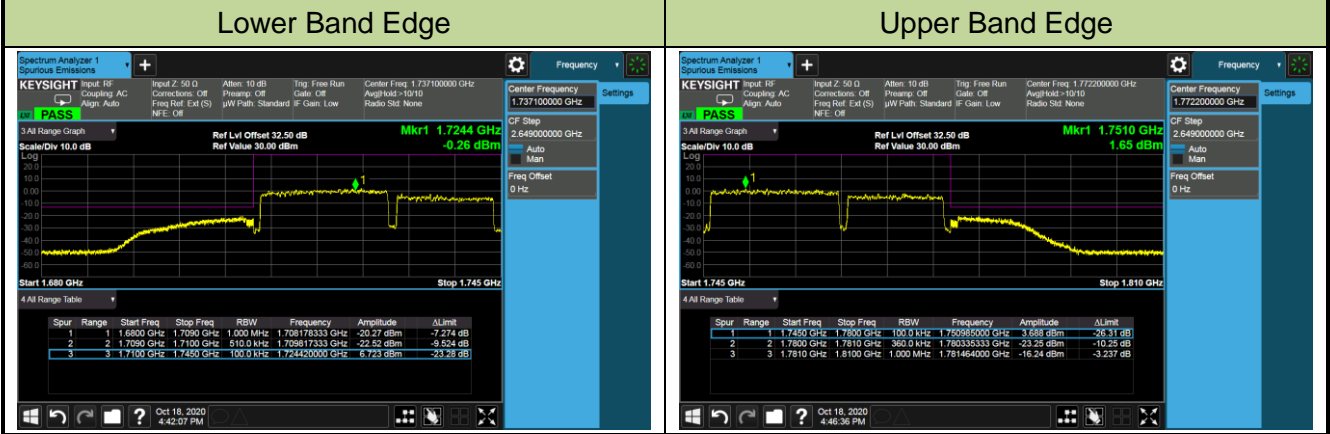
20+5MHz Channel Bandwidth Full RB

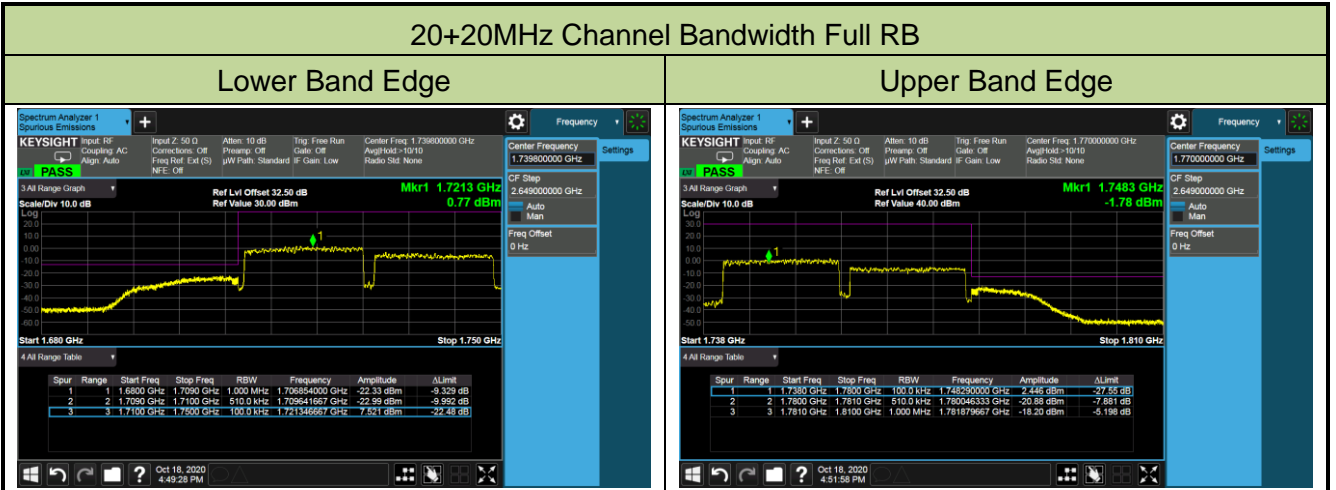


20+10MHz Channel Bandwidth Full RB



20+15MHz Channel Bandwidth Full RB





5.6. Peak to Average Ratio

5.6.1. Test Limit

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

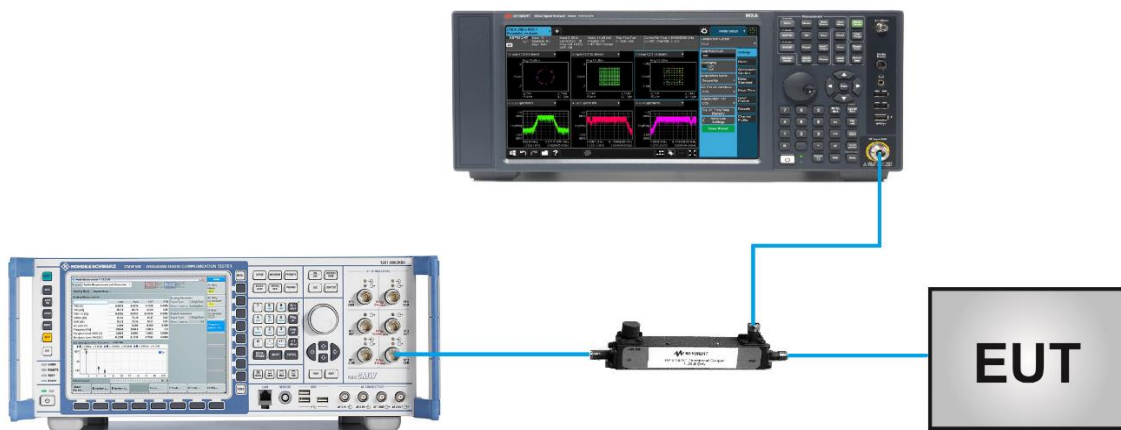
5.6.2. Test Procedure Used

ANSI C63.26-2015 - Section 5.2.3.4 (CCDF).

5.6.3. Test Setting

1. Set the resolution / measurement bandwidth \geq signal's occupied bandwidth
2. Set the number of counts to a value that stabilizes the measured CCDF curve
3. Record the maximum PARR level associated with a probability of 0.1%

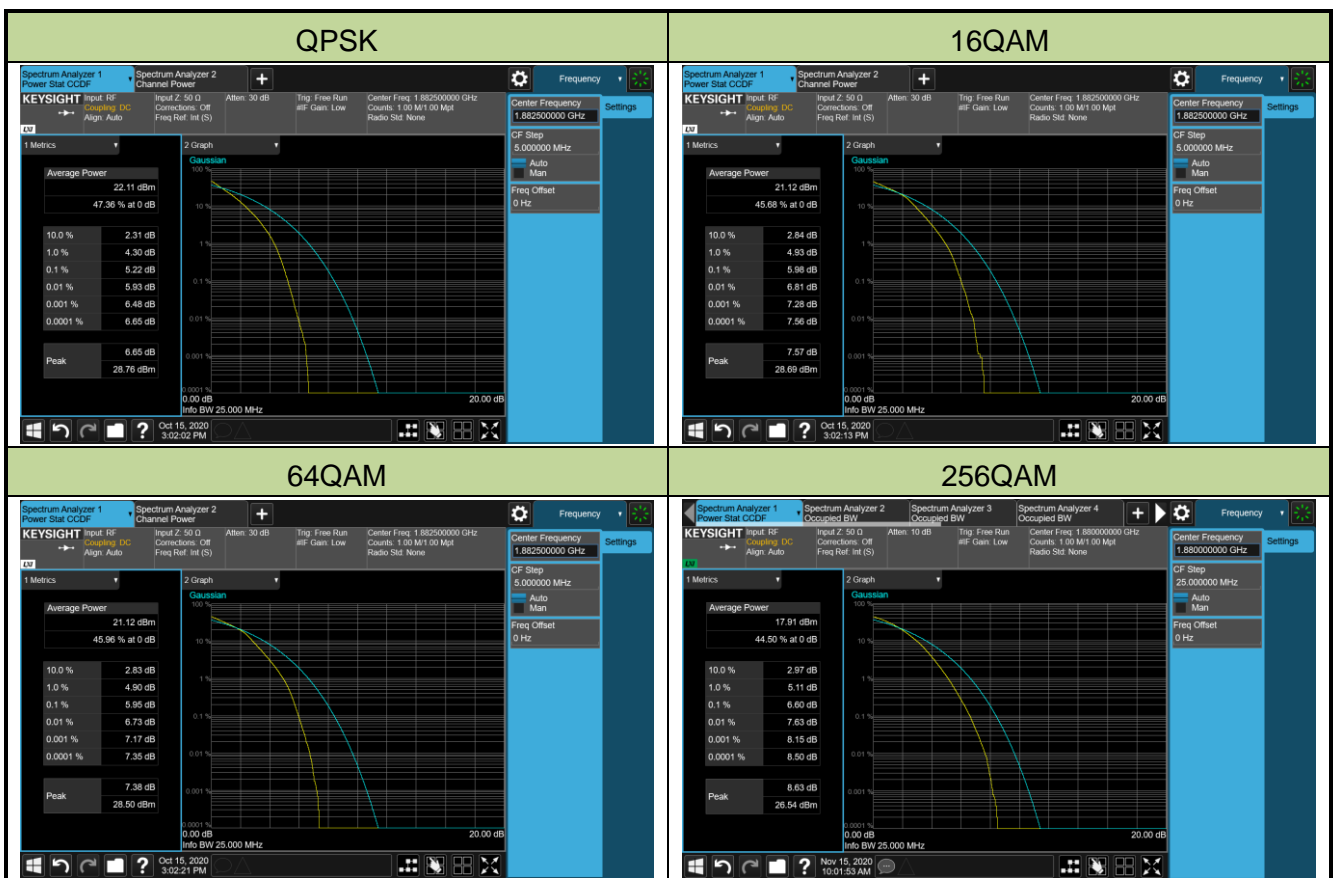
5.6.4. Test Setup



5.6.5. Test Result

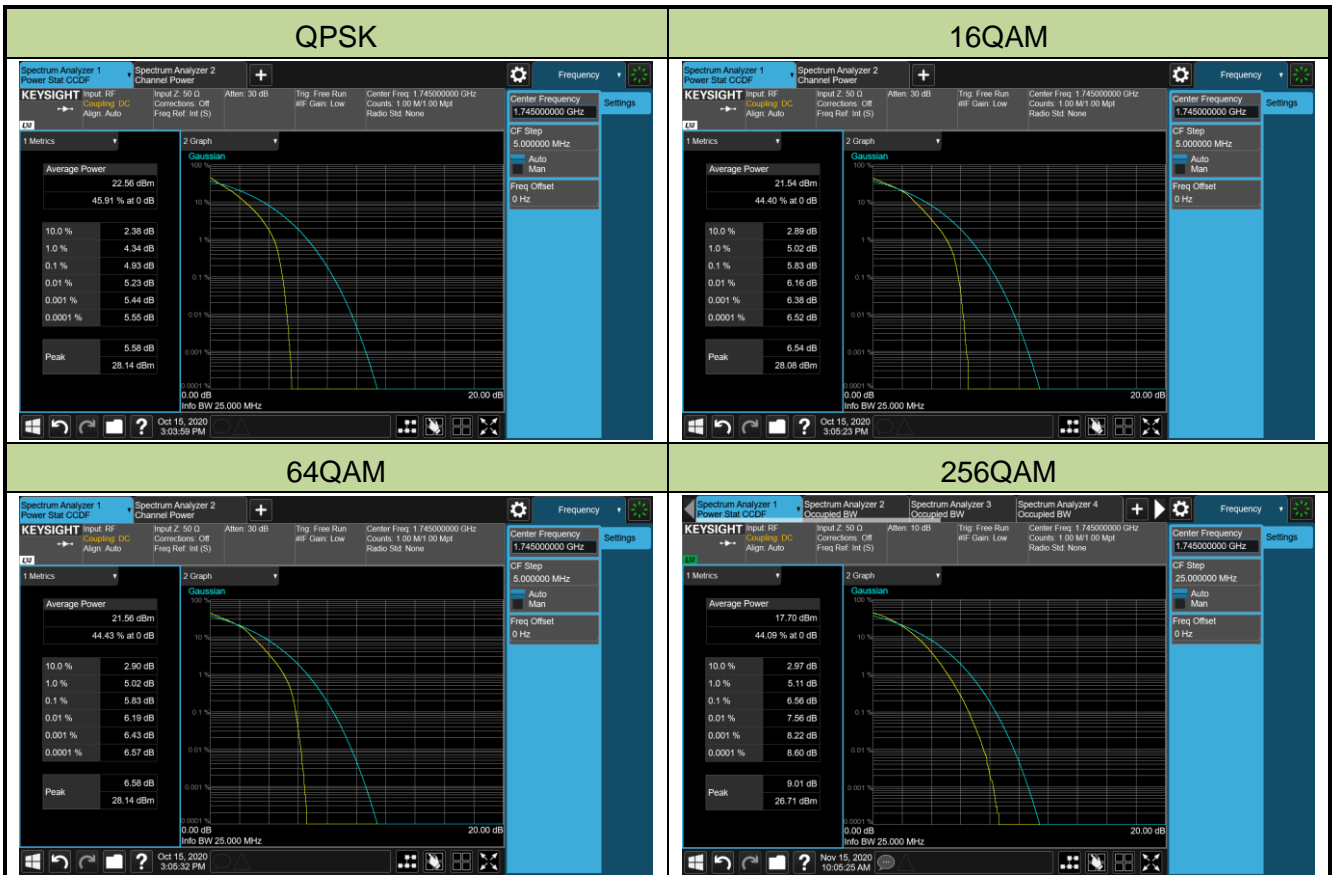
Product	5G Sub-6 GHz M.2 Module	Test Site	WZ-SR6
Test Engineer	Candy Luo	Test Date	2020/10/15 ~ 2020/11/15
Test Band	Band 2/25		

Channel No.	Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK					
26365	1882.5	20	5.22	≤ 13.00	Pass
16QAM					
26365	1882.5	20	5.98	≤ 13.00	Pass
64QAM					
26365	1882.5	20	5.95	≤ 13.00	Pass
256QAM					
26365	1882.5	20	6.60	≤ 13.00	Pass



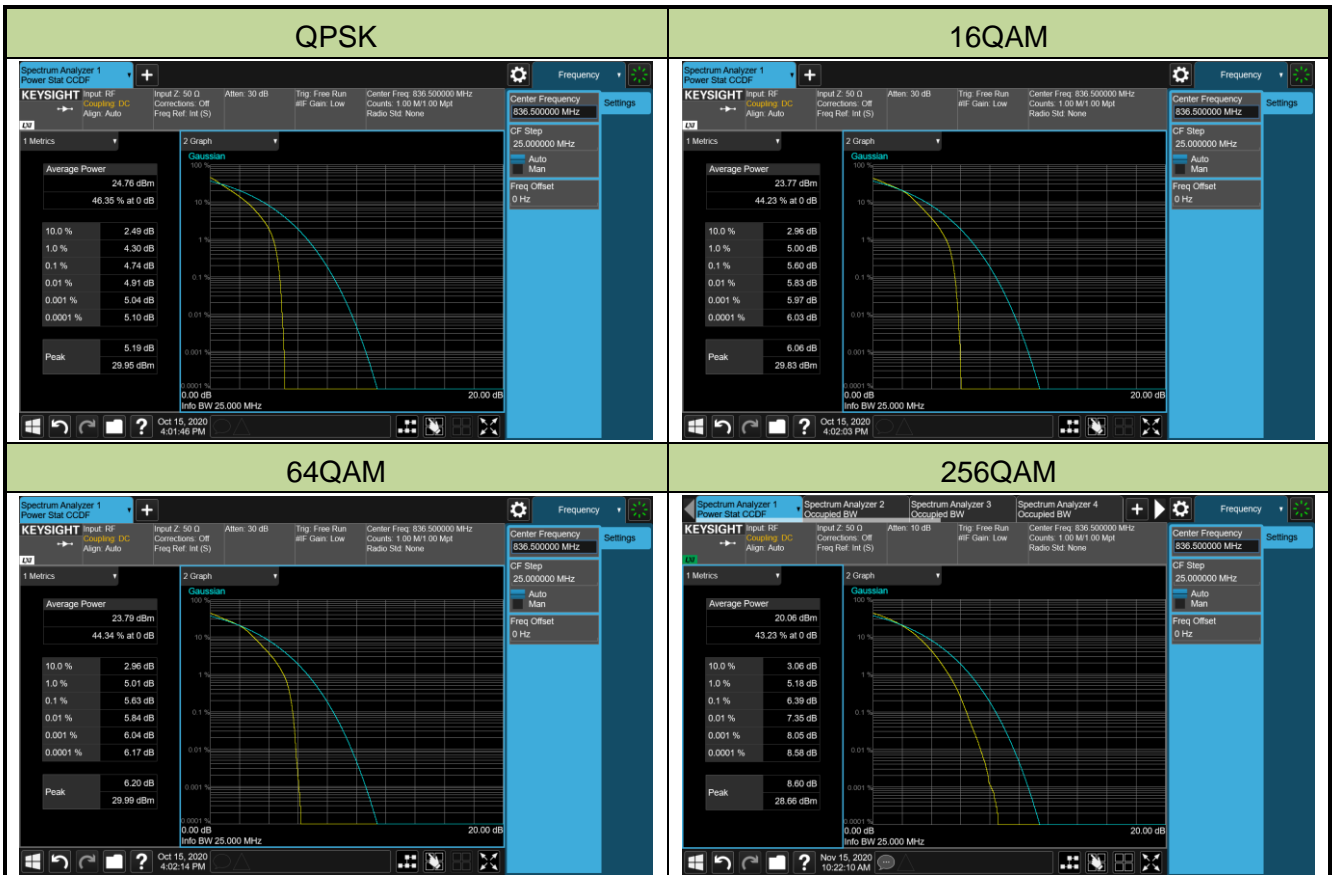
Product	5G Sub-6 GHz M.2 Module	Test Site	WZ-SR6
Test Engineer	Candy Luo	Test Date	2020/10/15 ~ 2020/11/15
Test Band	Band 4/66		

Channel No.	Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK					
132322	1745.0	20	4.93	≤ 13.00	Pass
16QAM					
132322	1745.0	20	5.83	≤ 13.00	Pass
64QAM					
132322	1745.0	20	5.83	≤ 13.00	Pass
256QAM					
132322	1745.0	20	6.56	≤ 13.00	Pass



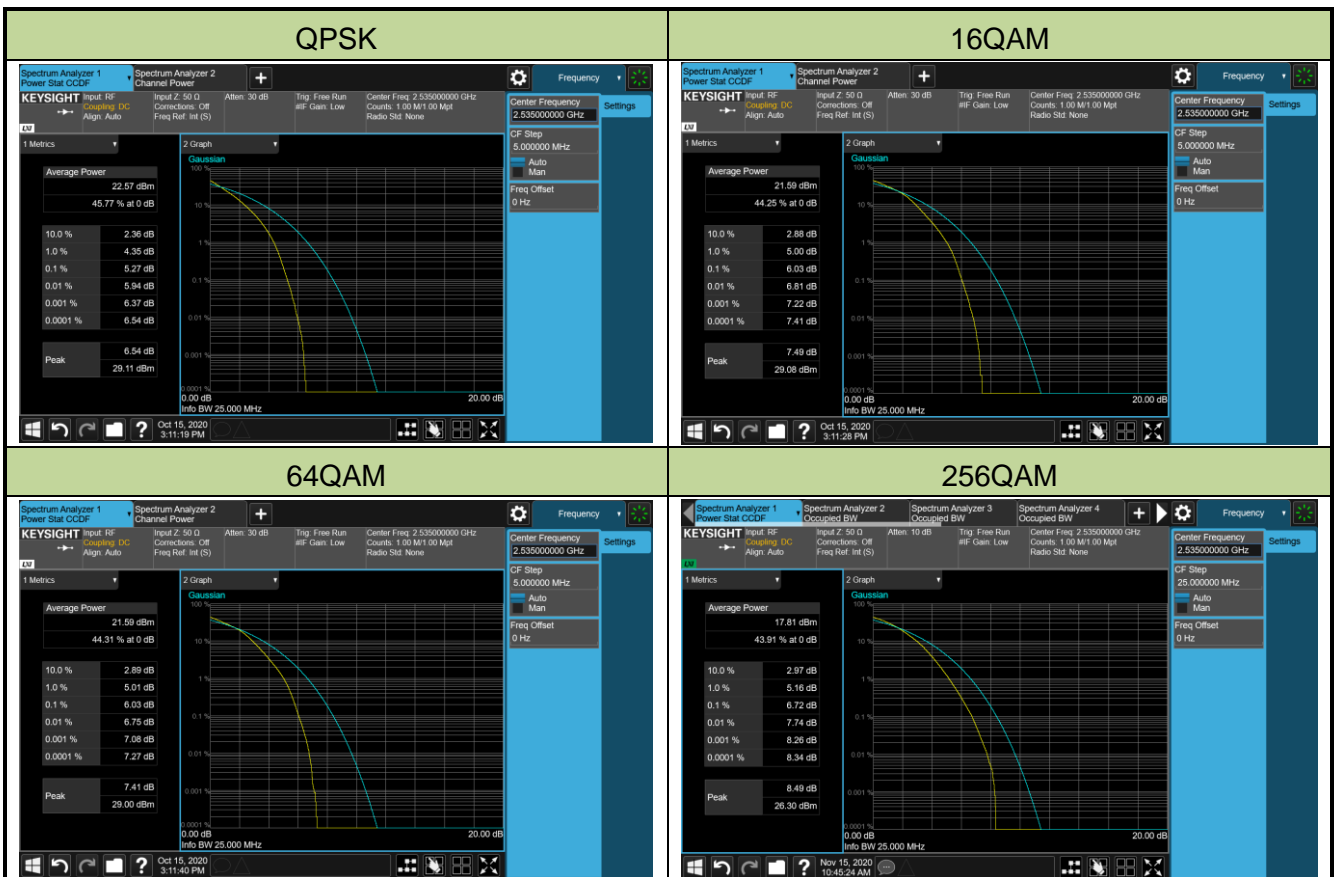
Product	5G Sub-6 GHz M.2 Module	Test Site	WZ-SR6
Test Engineer	Candy Luo	Test Date	2020/10/15 ~ 2020/11/15
Test Band	Band 5/26		

Channel No.	Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK					
20525	836.5	10	4.74	≤ 13.00	Pass
16QAM					
20525	836.5	10	5.60	≤ 13.00	Pass
64QAM					
20525	836.5	10	5.63	≤ 13.00	Pass
256QAM					
20525	836.5	10	6.39	≤ 13.00	Pass



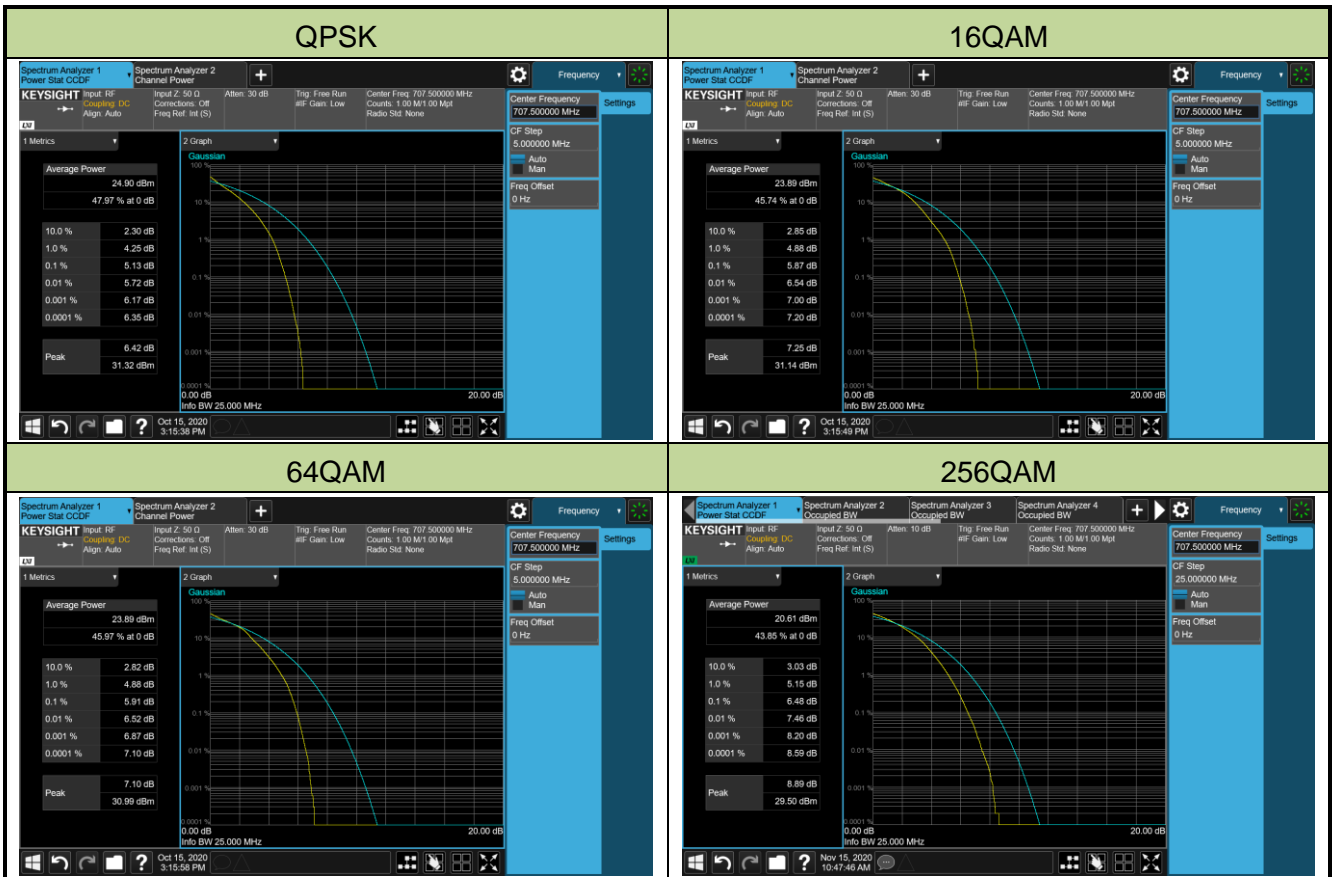
Product	5G Sub-6 GHz M.2 Module	Test Site	WZ-SR6
Test Engineer	Candy Luo	Test Date	2020/10/15 ~ 2020/11/15
Test Band	LTE Band 7		

Channel No.	Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK					
21100	2535.0	20	5.27	≤ 13.00	Pass
16QAM					
21100	2535.0	20	6.03	≤ 13.00	Pass
64QAM					
21100	2535.0	20	6.03	≤ 13.00	Pass
256QAM					
21100	2535.0	20	6.72	≤ 13.00	Pass



Product	5G Sub-6 GHz M.2 Module	Test Site	WZ-SR6
Test Engineer	Candy Luo	Test Date	2020/10/15 ~ 2020/11/15
Test Band	LTE Band 12		

Channel No.	Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK					
26365	707.5	10	5.13	≤ 13.00	Pass
16QAM					
26365	707.5	10	5.87	≤ 13.00	Pass
64QAM					
26365	707.5	10	5.91	≤ 13.00	Pass
256QAM					
26365	707.5	10	6.48	≤ 13.00	Pass



Product	5G Sub-6 GHz M.2 Module	Test Site	WZ-SR6
Test Engineer	Candy Luo	Test Date	2020/10/15 ~ 2020/11/15
Test Band	LTE Band 13		

Channel No.	Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK					
132322	782	10	4.67	≤ 13.00	Pass
16QAM					
132322	782	10	5.87	≤ 13.00	Pass
64QAM					
132322	782	10	6.24	≤ 13.00	Pass
256QAM					
132322	782	10	6.64	≤ 13.00	Pass

