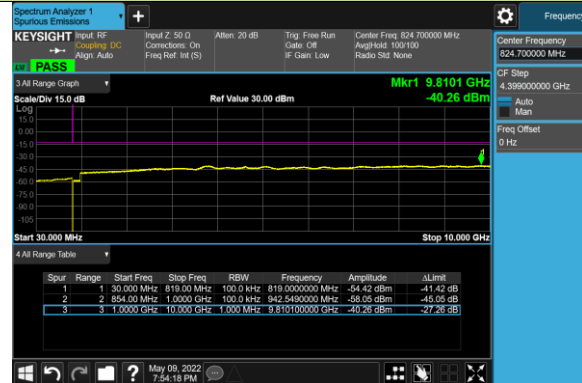
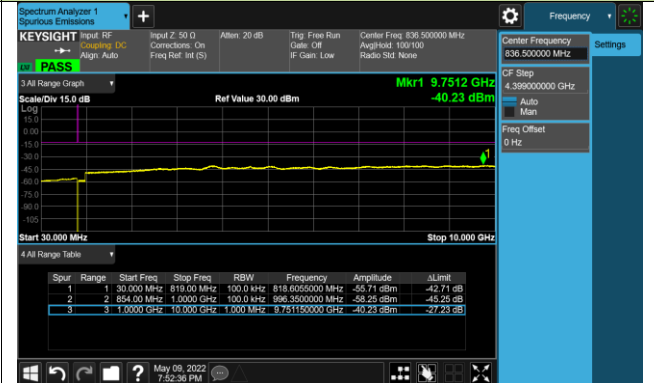


## 1.4MHz Channel Bandwidth

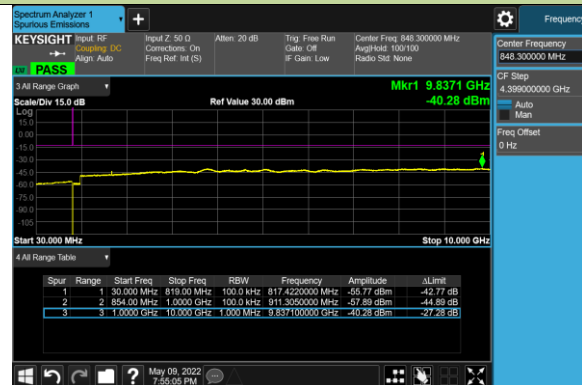
## Channel 26697 (814.7MHz)



## Channel 25865 (831.5MHz)

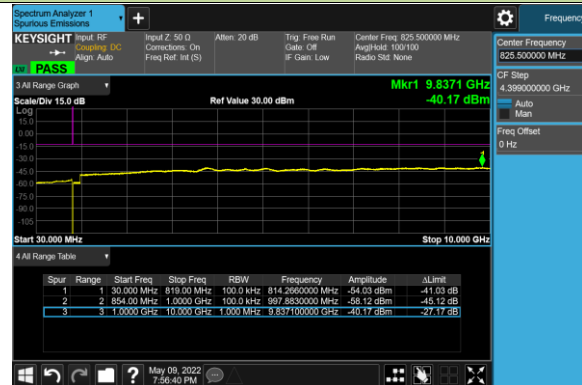


## Channel 27033 (848.3MHz)

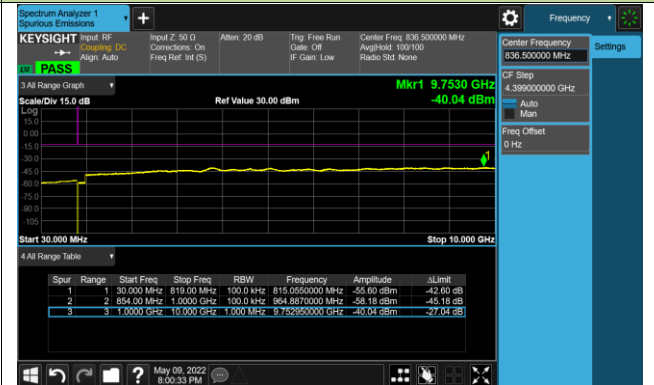


## 3MHz Channel Bandwidth

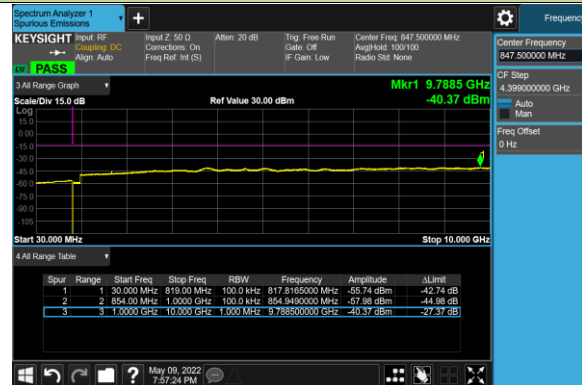
## Channel 26705 (815.5MHz)



## Channel 26865 (831.5MHz)

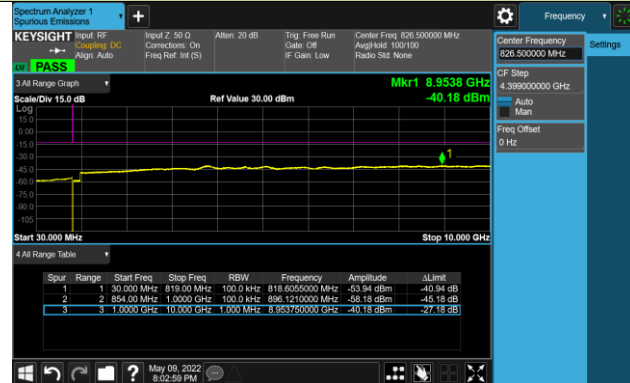


## Channel 27025 (847.5MHz)

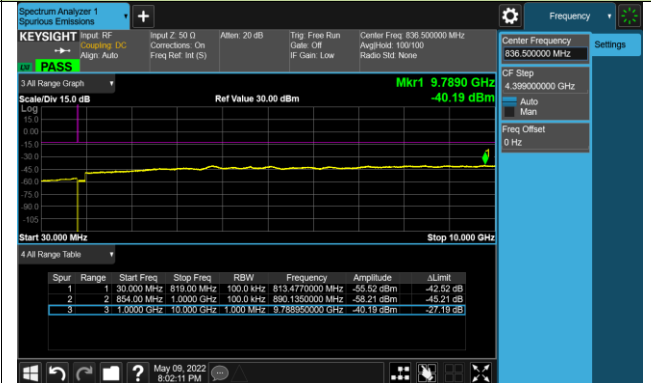


### 5MHz Channel Bandwidth

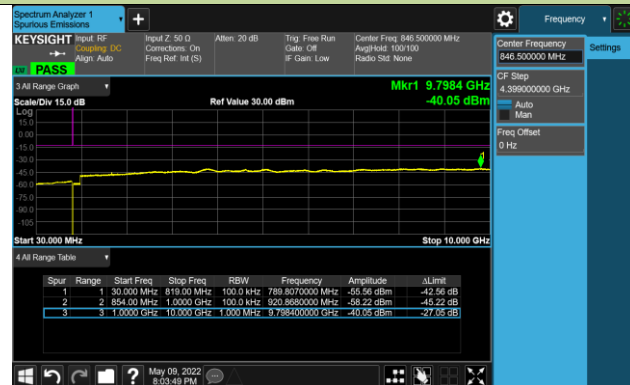
#### Channel 26715 (816.5MHz)



#### Channel 26865 (831.5MHz)

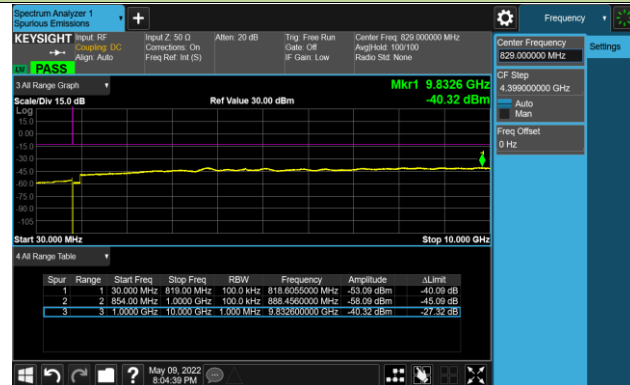


#### Channel 27015 (846.5MHz)

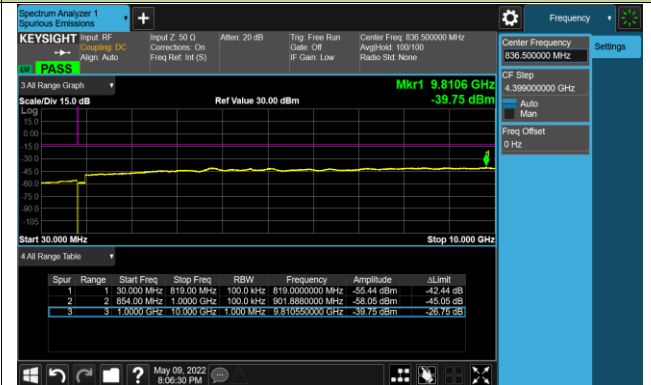


### 10MHz Channel Bandwidth

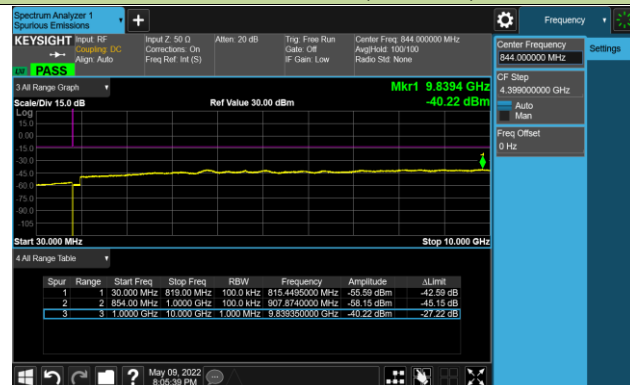
#### Channel 26740 (819MHz)



#### Channel 26865 (831.5MHz)



#### Channel 26990 (844MHz)

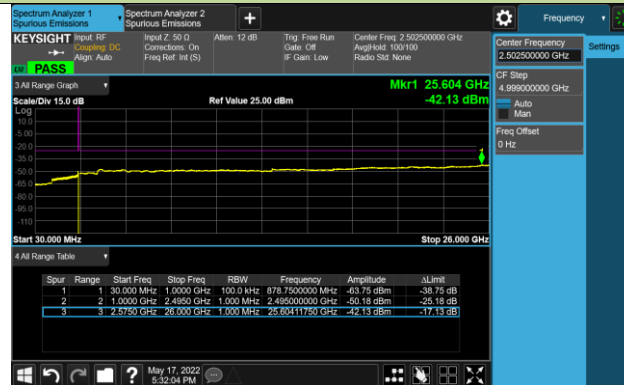


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/17	Test Band	LTE Band 7, 1RB, QPSK

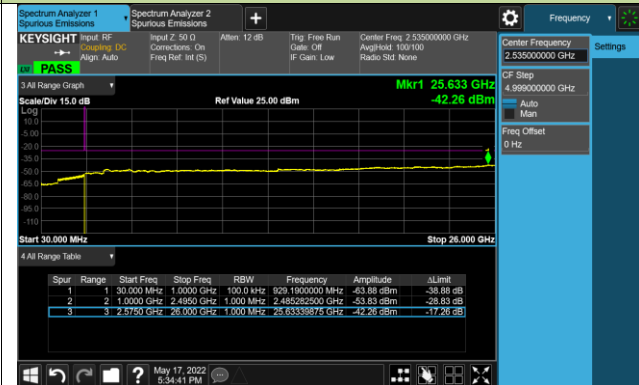
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
2502.5	5	30 ~ 26000	-42.13	≤ -25.00	Pass
2535.0	5	30 ~ 26000	-42.26	≤ -25.00	Pass
2567.5	5	30 ~ 26000	-42.15	≤ -25.00	Pass
2505.0	10	30 ~ 26000	-32.62	≤ -25.00	Pass
2535.0	10	30 ~ 26000	-32.50	≤ -25.00	Pass
2565.0	10	30 ~ 26000	-32.62	≤ -25.00	Pass
2507.5	15	30 ~ 26000	-32.59	≤ -25.00	Pass
2535.0	15	30 ~ 26000	-32.67	≤ -25.00	Pass
2562.5	15	30 ~ 26000	-32.65	≤ -25.00	Pass
2510.0	20	30 ~ 26000	-32.70	≤ -25.00	Pass
2535.0	20	30 ~ 26000	-32.74	≤ -25.00	Pass
2560.0	20	30 ~ 26000	-32.71	≤ -25.00	Pass

### 5MHz Channel Bandwidth

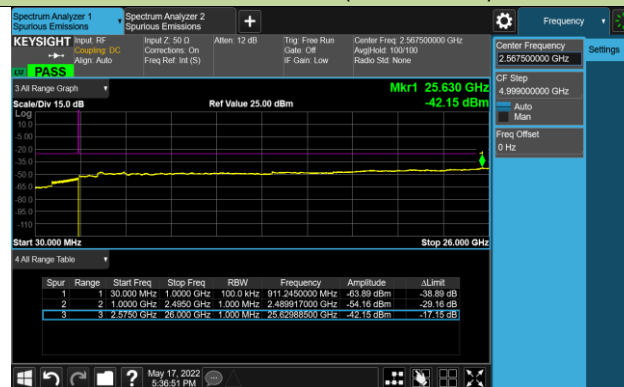
#### Channel 20775 (2502.5MHz)



#### Channel 21100 (2535MHz)

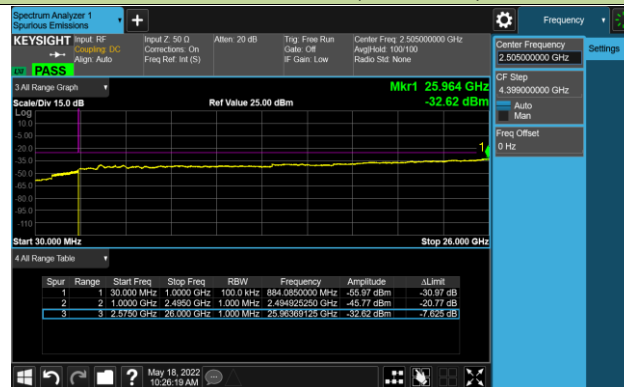


#### Channel 21425 (2567.5MHz)

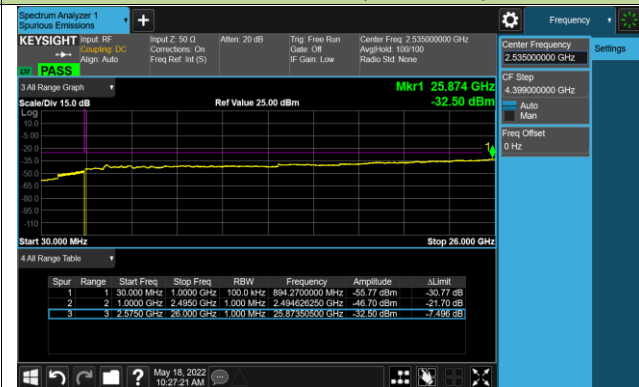


### 10MHz Channel Bandwidth

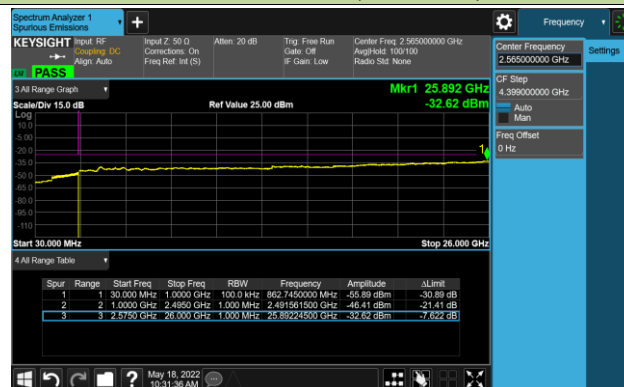
#### Channel 20800 (2505MHz)



#### Channel 21100 (2535MHz)

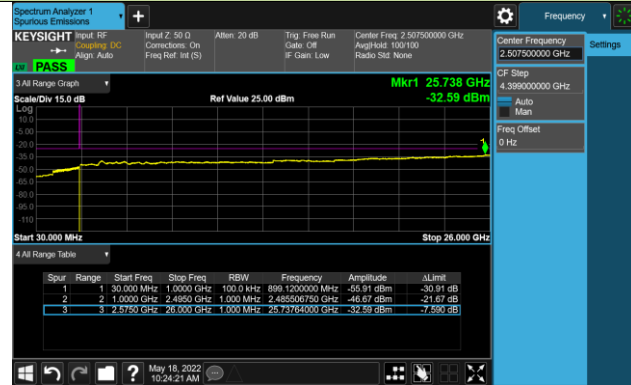


#### Channel 21400 (2565MHz)

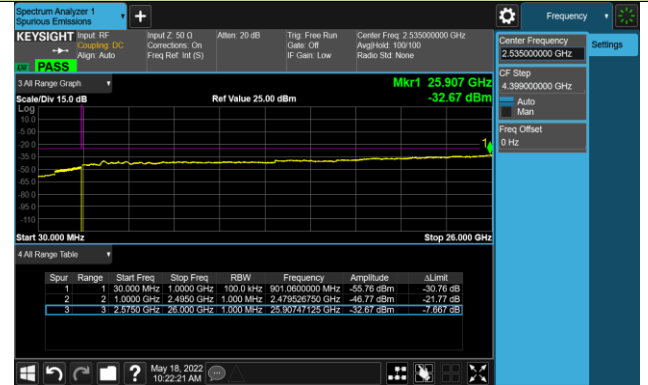


## 15MHz Channel Bandwidth

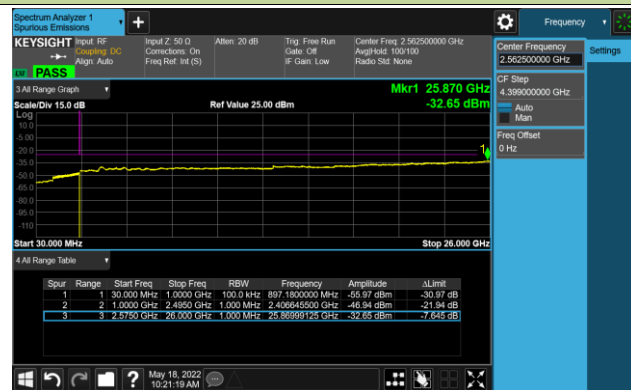
## Channel 20825 (2507.5MHz)



## Channel 21100 (2535MHz)

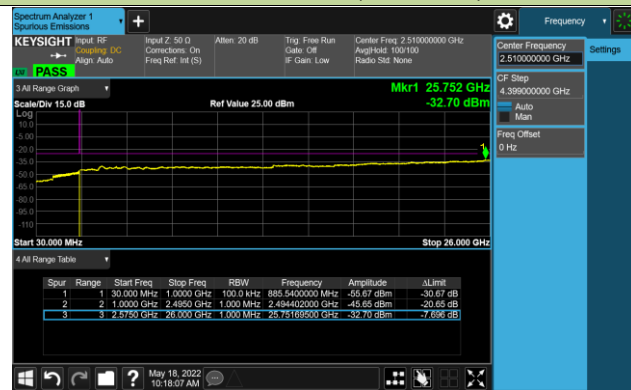


## Channel 21375 (2562.5MHz)

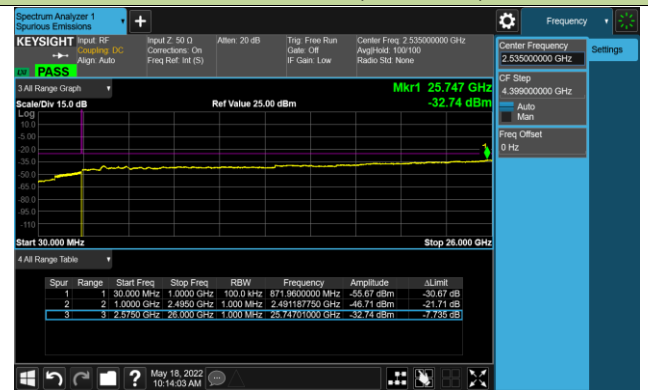


## 20MHz Channel Bandwidth

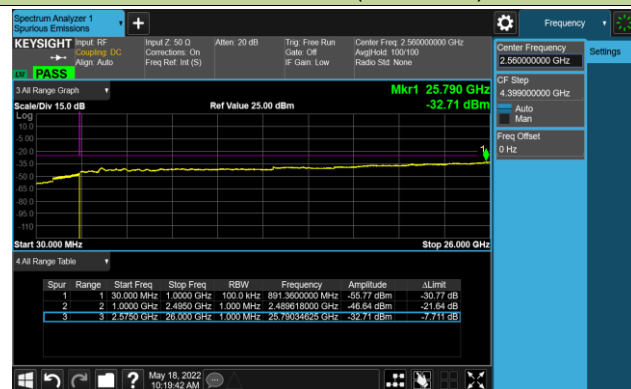
## Channel 20850 (2510MHz)



## Channel 21100 (2535MHz)



## Channel 21350 (2560MHz)

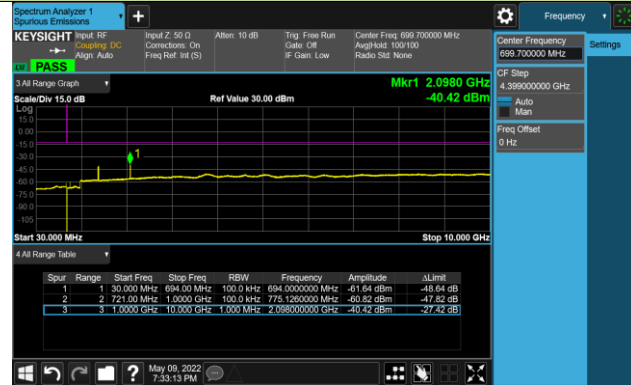


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/09	Test Band	LTE Band 12, 1RB, QPSK

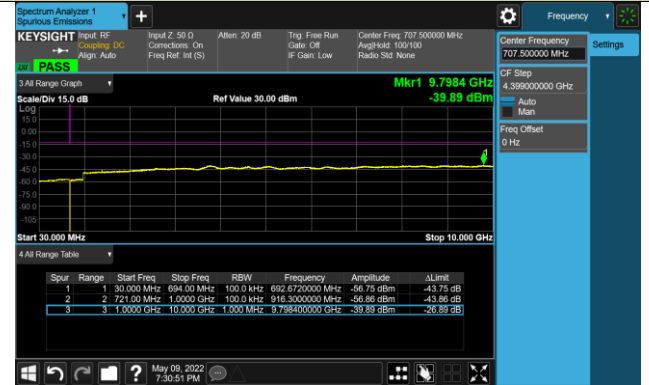
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
699.7	1.4	30 ~ 10000	-40.42	≤ -13.00	Pass
707.5	1.4	30 ~ 10000	-39.89	≤ -13.00	Pass
715.3	1.4	30 ~ 10000	-40.79	≤ -13.00	Pass
700.5	3	30 ~ 10000	-40.54	≤ -13.00	Pass
707.5	3	30 ~ 10000	-41.22	≤ -13.00	Pass
714.5	3	30 ~ 10000	-40.60	≤ -13.00	Pass
701.5	5	30 ~ 10000	-40.87	≤ -13.00	Pass
707.5	5	30 ~ 10000	-41.43	≤ -13.00	Pass
713.5	5	30 ~ 10000	-43.46	≤ -13.00	Pass
704.0	10	30 ~ 10000	-39.83	≤ -13.00	Pass
707.5	10	30 ~ 10000	-40.54	≤ -13.00	Pass
711.0	10	30 ~ 10000	-40.50	≤ -13.00	Pass

### 1.4MHz Channel Bandwidth

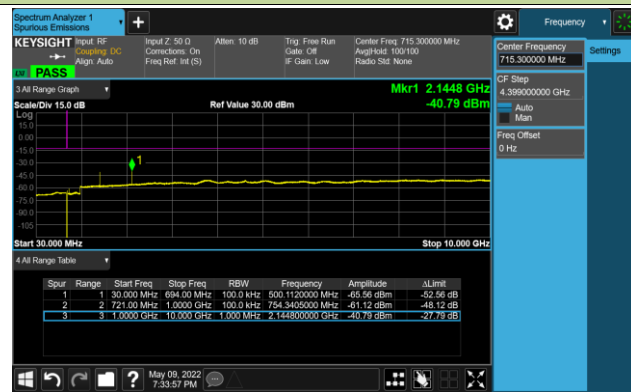
#### Channel 23017 (699.7MHz)



#### Channel 23095 (707.5MHz)

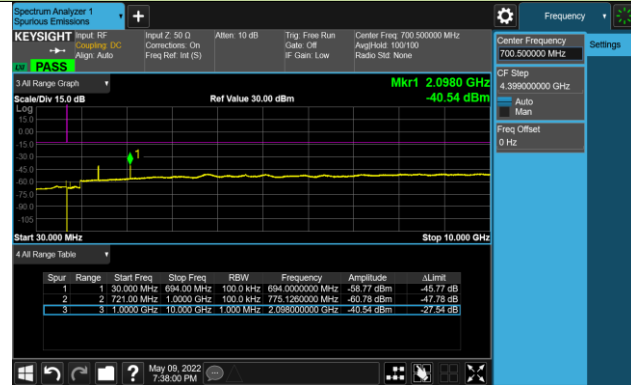


#### Channel 23173 (715.3MHz)

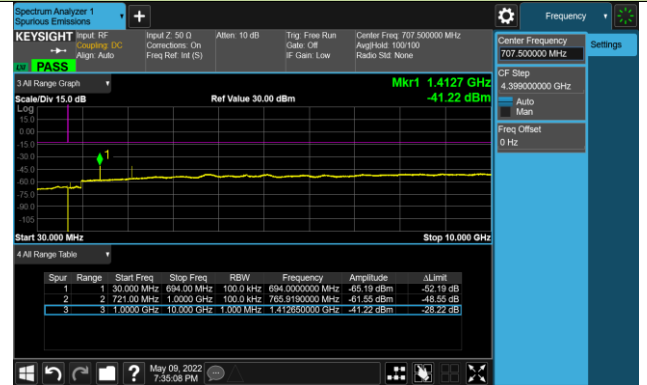


### 3MHz Channel Bandwidth

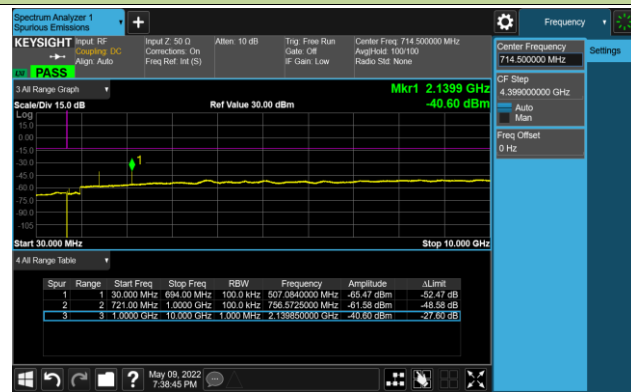
#### Channel 23025 (700.5MHz)



#### Channel 23095 (707.5MHz)



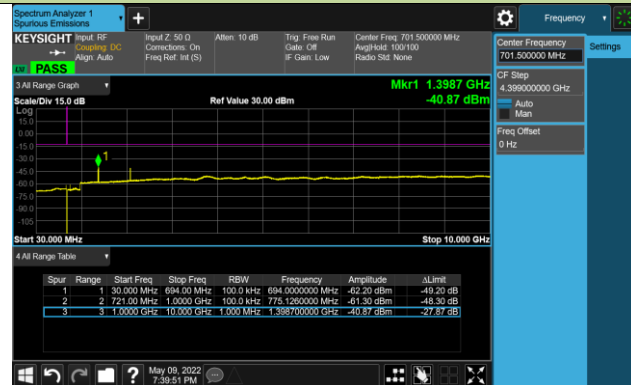
#### Channel 23165 (714.5MHz)



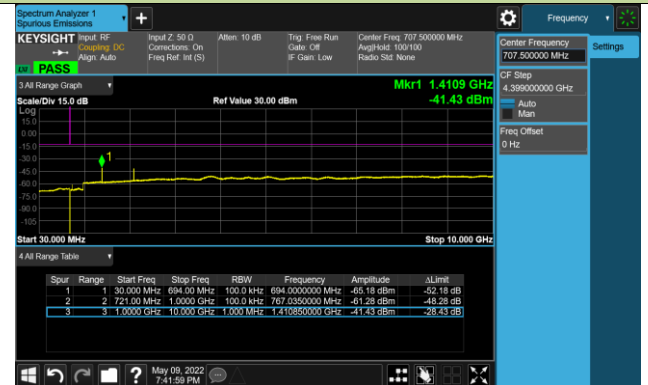


### 5MHz Channel Bandwidth

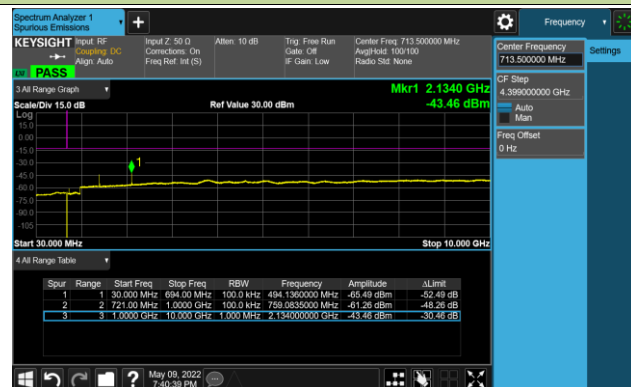
#### Channel 23035 (701.5MHz)



#### Channel 23095 (707.5MHz)

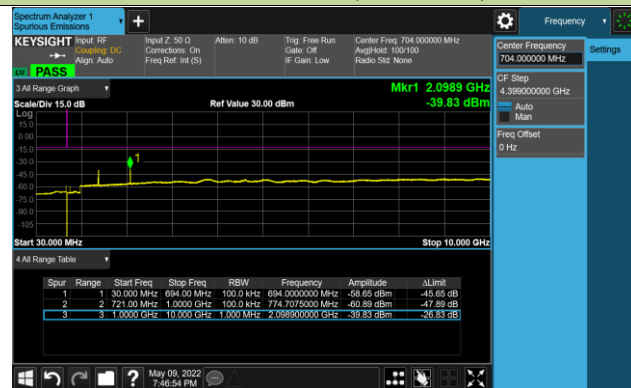


#### Channel 23165 (714.5MHz)

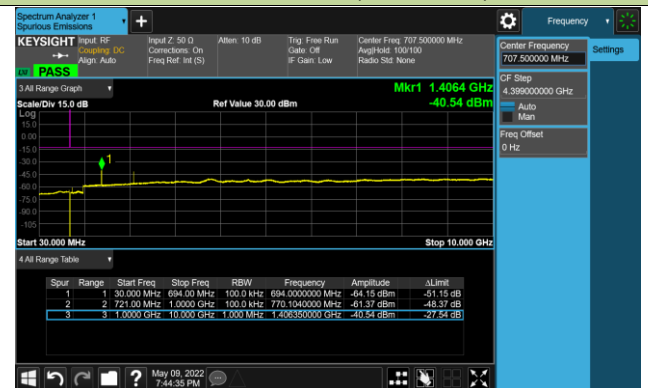


### 10MHz Channel Bandwidth

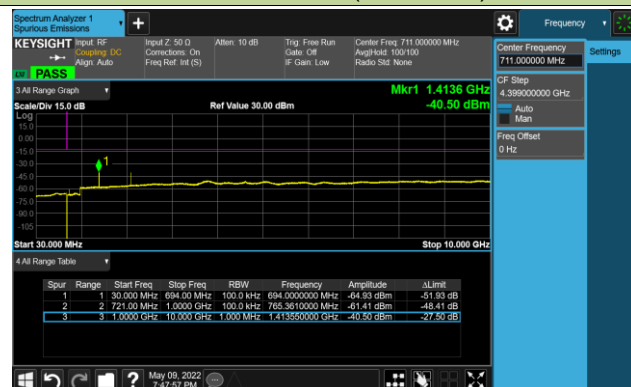
#### Channel 23060 (704.0MHz)



#### Channel 23095 (707.5MHz)



#### Channel 23130 (711.0MHz)

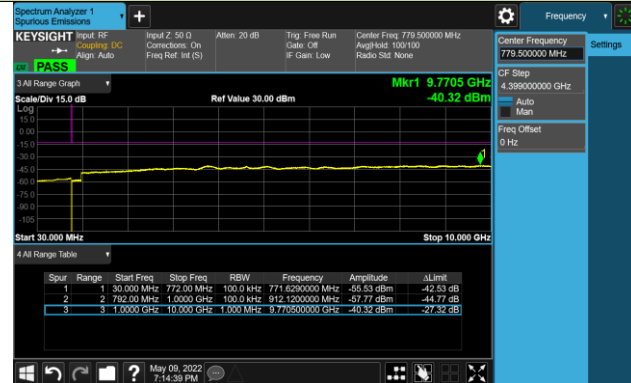


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/09	Test Band	LTE Band 13, 1RB, QPSK

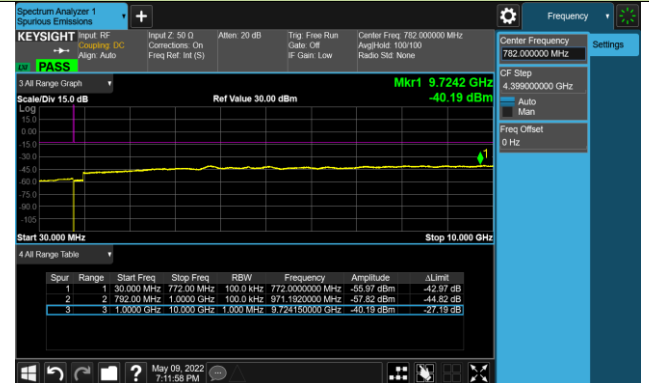
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
779.5	5	30 ~ 10000	-40.32	≤ -13.00	Pass
782.0	5	30 ~ 10000	-40.19	≤ -13.00	Pass
784.5	5	30 ~ 10000	-40.09	≤ -13.00	Pass
782.0	10	30 ~ 10000	-40.23	≤ -13.00	Pass

## 5MHz Channel Bandwidth

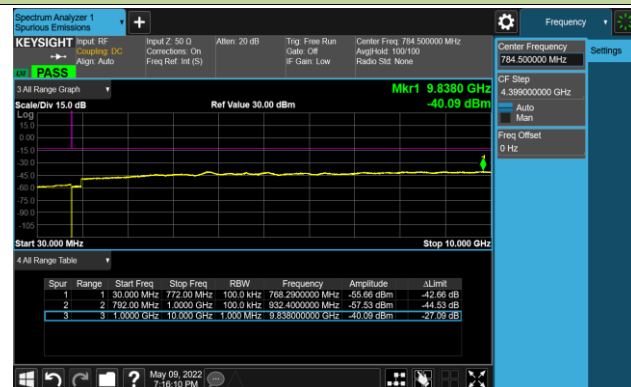
## Channel 23205 (779.5MHz)



## Channel 23230 (782MHz)

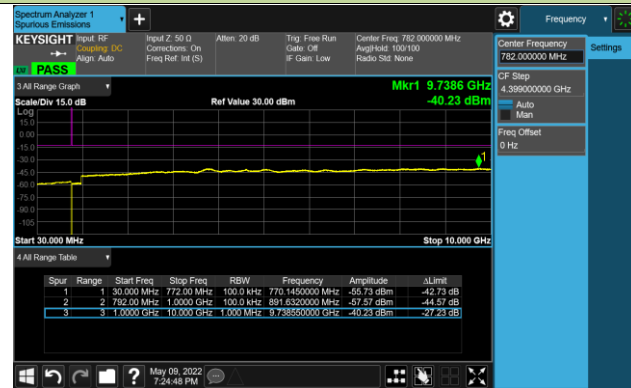


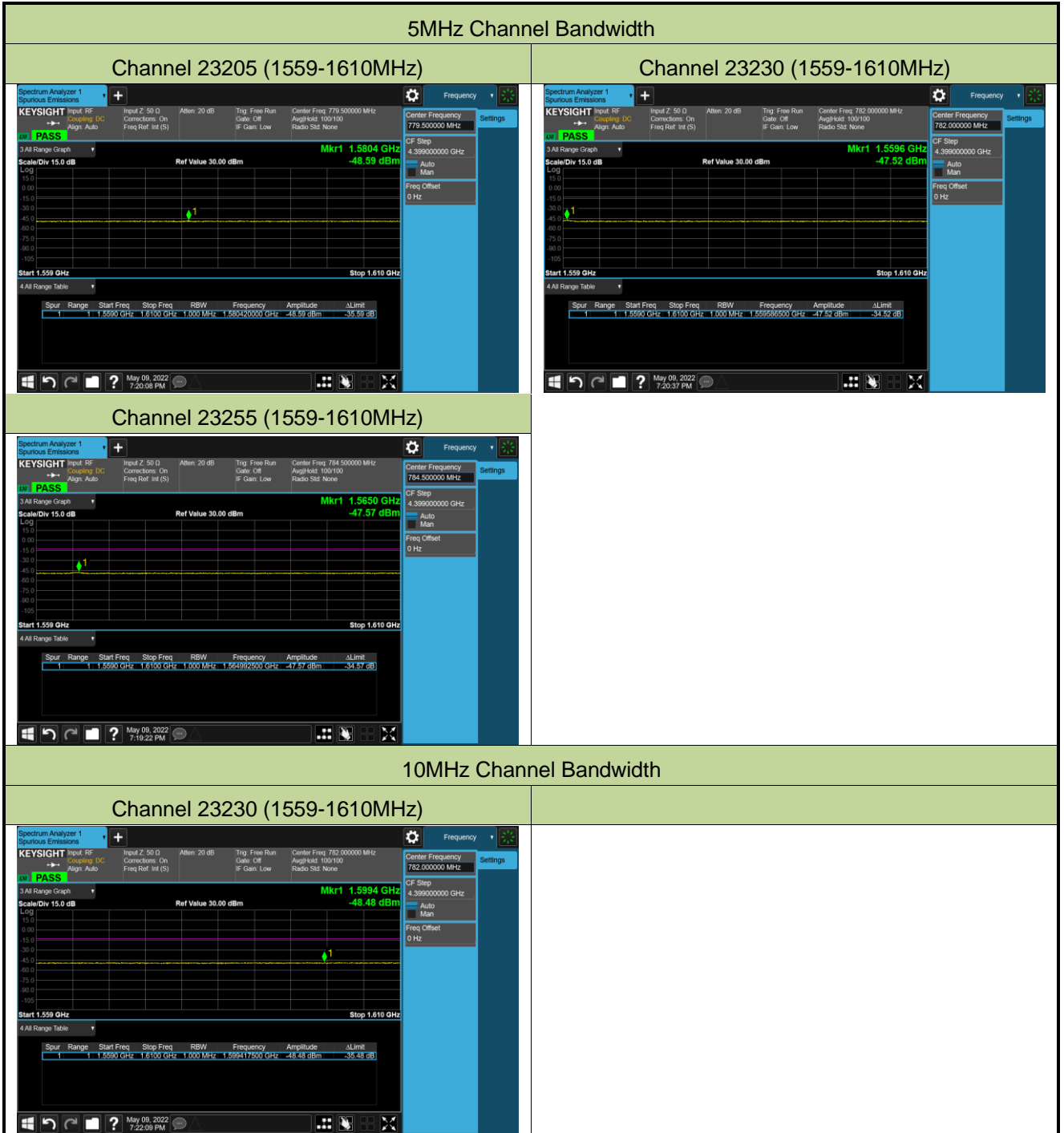
## Channel 23255 (784.5MHz)



## 10MHz Channel Bandwidth

## Channel 23230 (782.0MHz)




**10MHz Channel Bandwidth**

**Channel 23230 (1559-1610MHz)**

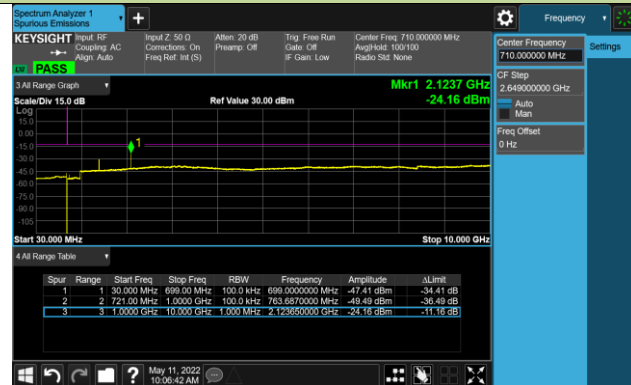
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	1.5590 GHz	1.6100 GHz	1.000 MHz	1.599417500 GHz	-48.48 dBm	-35.48 dB

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/11~2022/05/17	Test Band	LTE Band 17, 1RB, QPSK

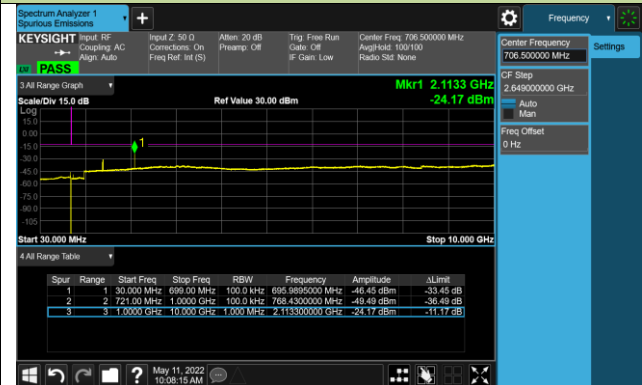
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
706.5	5	30 ~ 8000	-24.16	≤ -13.00	Pass
710.0	5	30 ~ 8000	-24.17	≤ -13.00	Pass
713.5	5	30 ~ 8000	-22.26	≤ -13.00	Pass
709.0	10	30 ~ 8000	-46.45	≤ -13.00	Pass
710.0	10	30 ~ 8000	-46.50	≤ -13.00	Pass
711.0	10	30 ~ 8000	-46.42	≤ -13.00	Pass

### 5MHz Channel Bandwidth

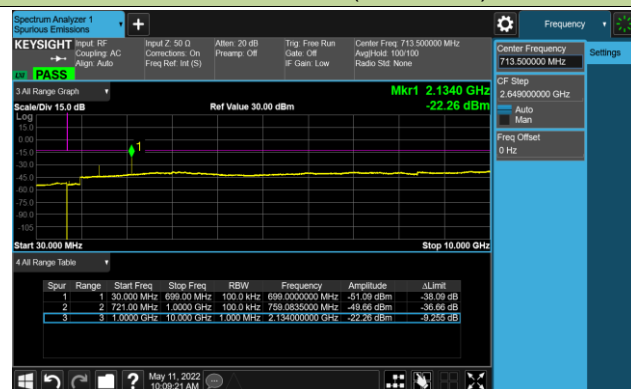
Channel 23755 (706.5MHz)



Channel 23790(710.0MHz)

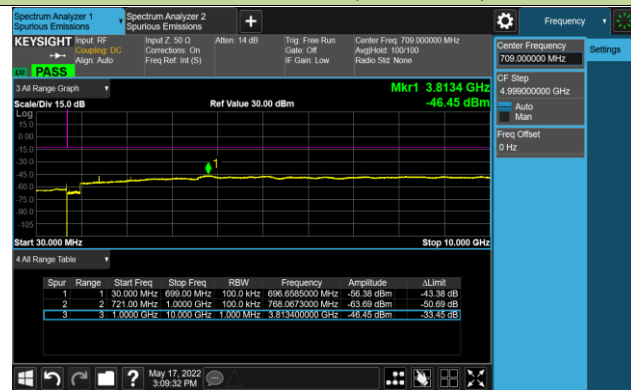


Channel 23825 (713.5MHz)

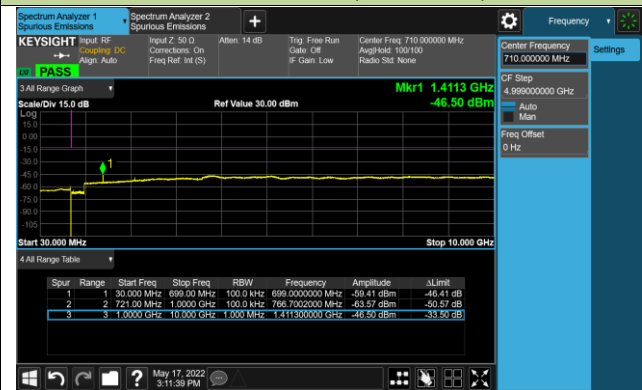


### 10MHz Channel Bandwidth

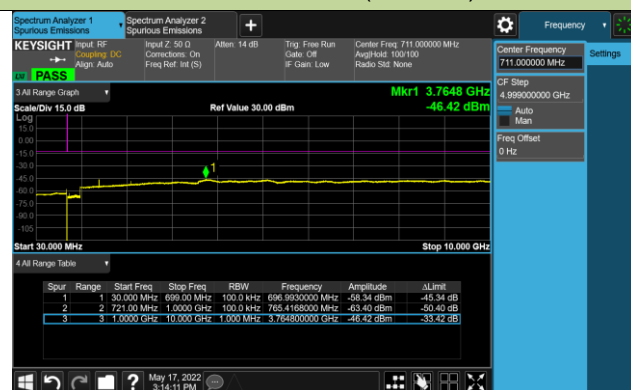
Channel 23780 (709.0MHz)



Channel 23790(710.0MHz)



Channel 23800 (711MHz)

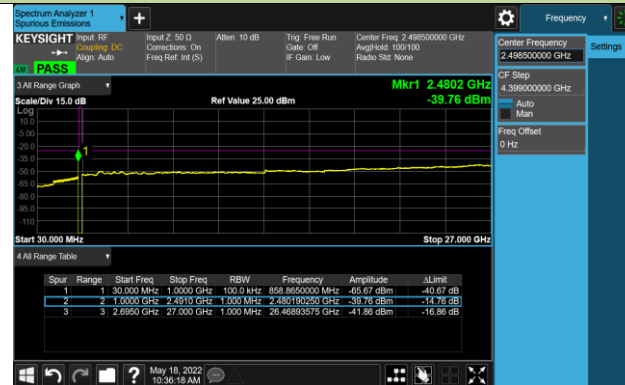


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/18	Test Band	LTE Band 38/41_HPUE, 1RB, QPSK

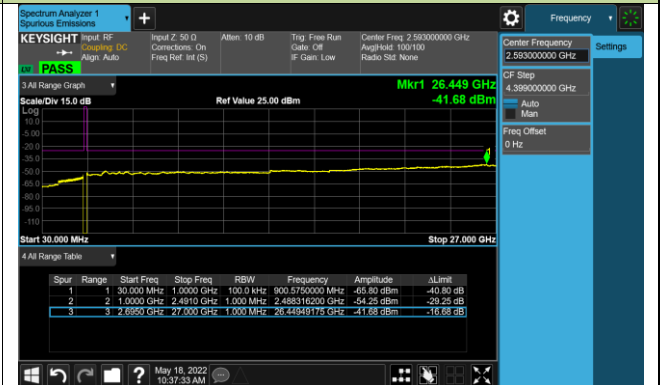
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
2498.50	5	30 ~ 27000	-39.76	≤ -25.00	Pass
2593.00	5	30 ~ 27000	-41.68	≤ -25.00	Pass
2687.50	5	30 ~ 27000	-38.07	≤ -25.00	Pass
2501.00	10	30 ~ 27000	-30.71	≤ -25.00	Pass
2593.00	10	30 ~ 27000	-41.72	≤ -25.00	Pass
2685.00	10	30 ~ 27000	-41.06	≤ -25.00	Pass
2503.50	15	30 ~ 27000	-41.75	≤ -25.00	Pass
2593.00	15	30 ~ 27000	-41.64	≤ -25.00	Pass
2682.50	15	30 ~ 27000	-28.10	≤ -25.00	Pass
2506.00	20	30 ~ 27000	-31.67	≤ -25.00	Pass
2593.00	20	30 ~ 27000	-41.40	≤ -25.00	Pass
2680.00	20	30 ~ 27000	-41.72	≤ -25.00	Pass

### 5MHz Channel Bandwidth

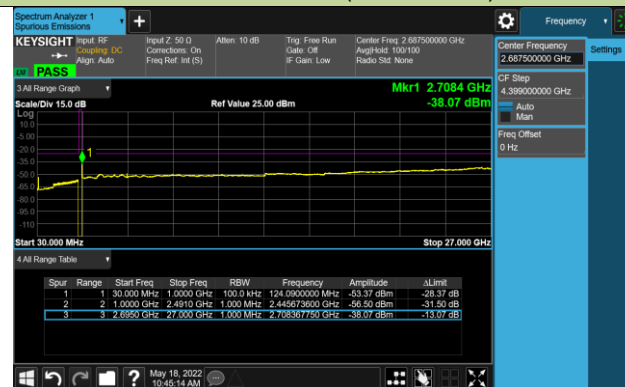
Channel 39675 (2498.5MHz)



Channel 40620 (2593MHz)

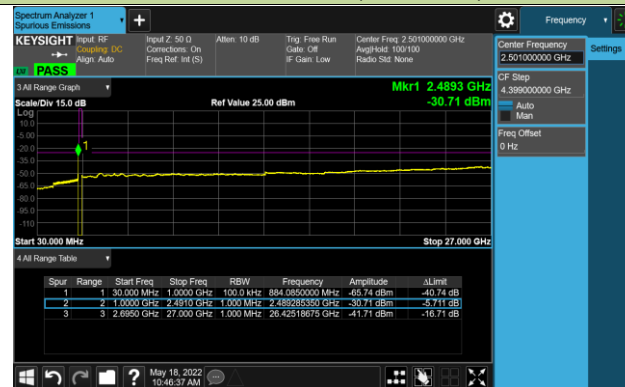


Channel 40565 (2687.5MHz)

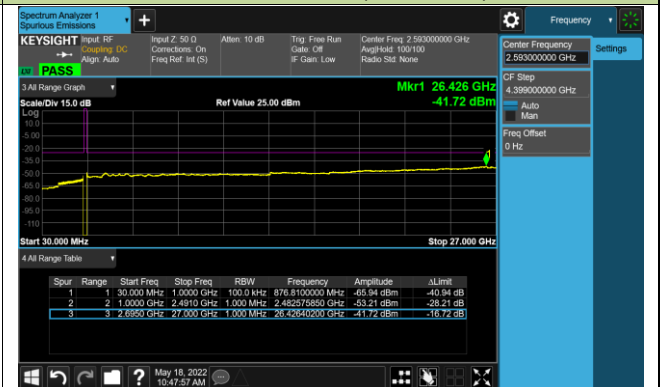


### 10MHz Channel Bandwidth

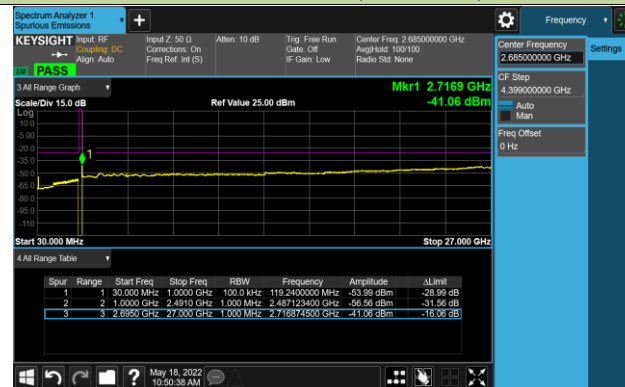
Channel 39700 (2501MHz)



Channel 40620 (2593MHz)



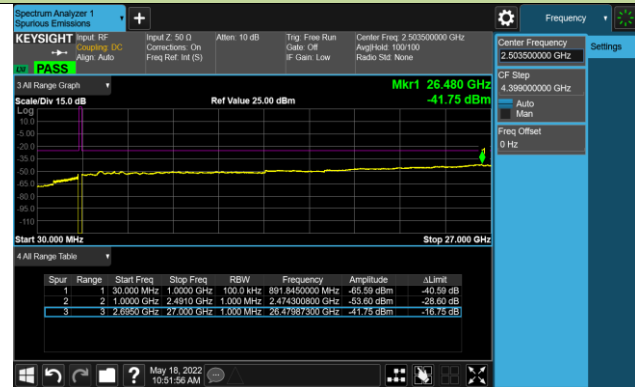
Channel 41540 (2685MHz)



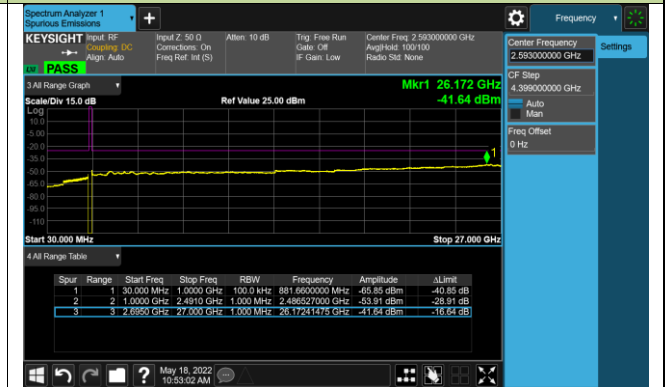


### 15MHz Channel Bandwidth

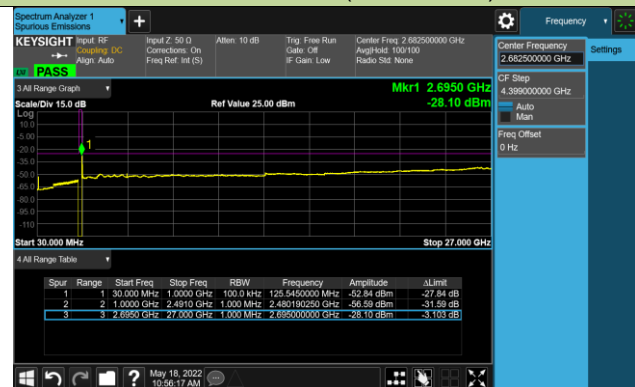
Channel 39725 (2503.5MHz)



Channel 40620 (2593MHz)

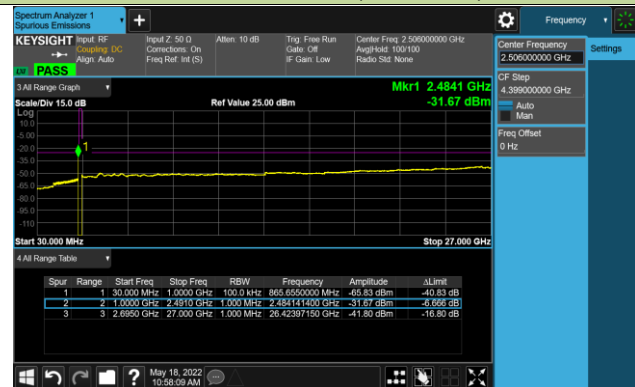


Channel 41515 (2682.5MHz)

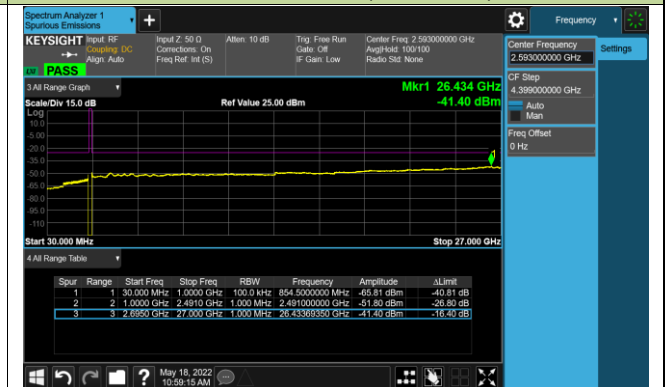


### 20MHz Channel Bandwidth

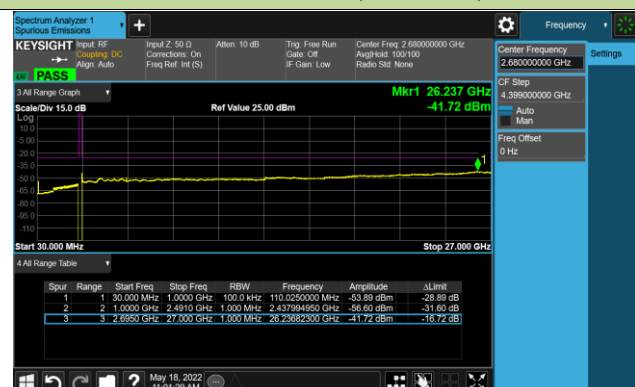
Channel 39750 (2506MHz)



Channel 40620 (2593MHz)



Channel 41490 (2680MHz)

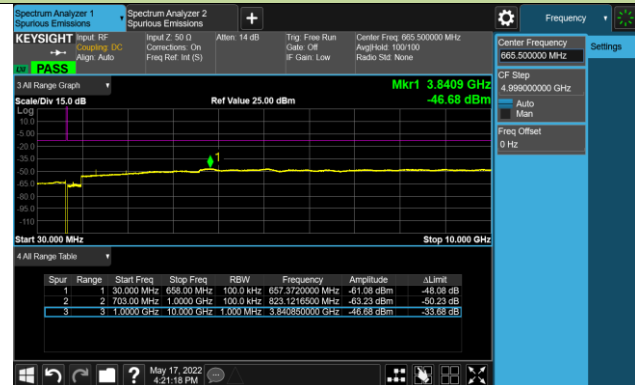


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/17	Test Band	LTE Band 71, 1RB, QPSK

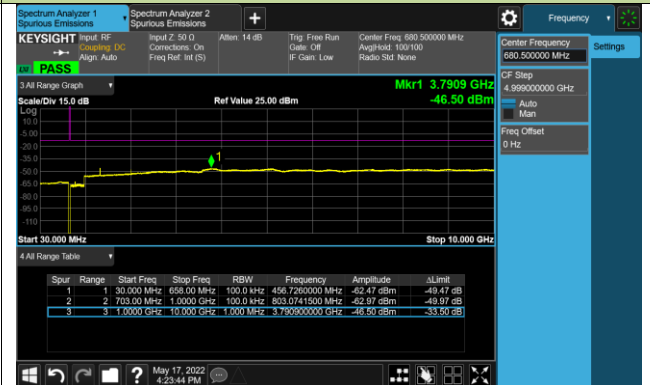
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
665.5	5	30 ~ 10000	-46.68	≤ -13.00	Pass
680.5	5	30 ~ 10000	-46.50	≤ -13.00	Pass
695.5	5	30 ~ 10000	-46.66	≤ -13.00	Pass
668.0	10	30 ~ 10000	-46.51	≤ -13.00	Pass
680.5	10	30 ~ 10000	-46.78	≤ -13.00	Pass
693.0	10	30 ~ 10000	-46.15	≤ -13.00	Pass
670.5	15	30 ~ 10000	-46.52	≤ -13.00	Pass
680.5	15	30 ~ 10000	-46.55	≤ -13.00	Pass
690.5	15	30 ~ 10000	-46.50	≤ -13.00	Pass
673.0	20	30 ~ 10000	-46.58	≤ -13.00	Pass
683.0	20	30 ~ 10000	-46.55	≤ -13.00	Pass
688.0	20	30 ~ 10000	-46.58	≤ -13.00	Pass

## 5MHz Channel Bandwidth

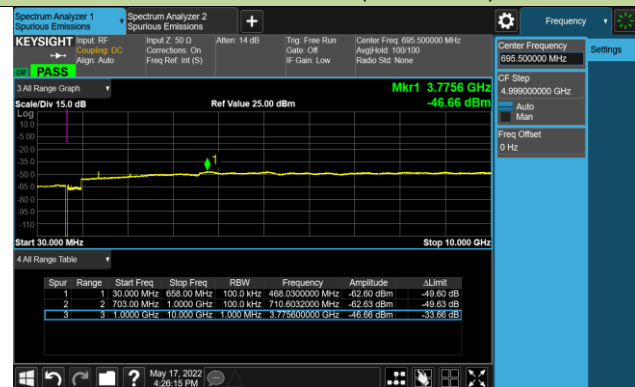
## Channel 133147 (665.5MHz)



## Channel 133297 (680.5MHz)

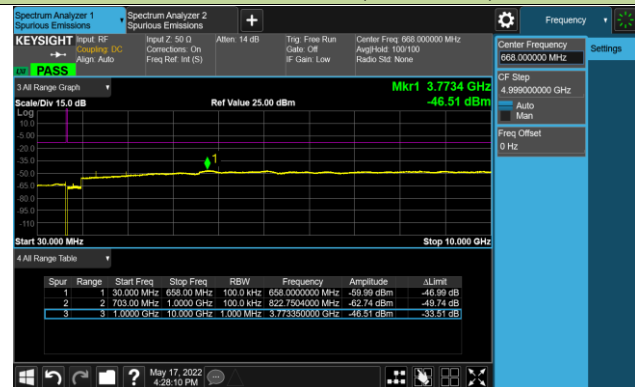


## Channel 133447 (695.5MHz)

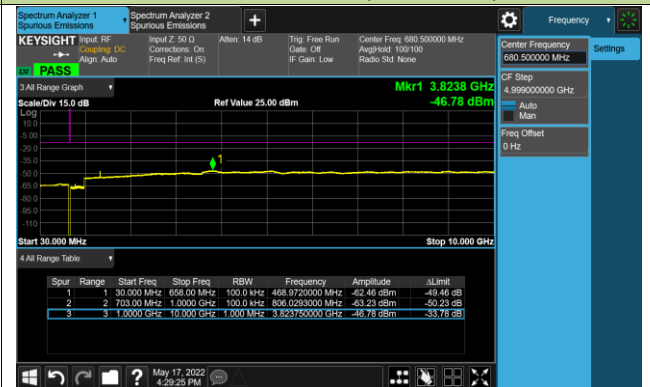


## 10MHz Channel Bandwidth

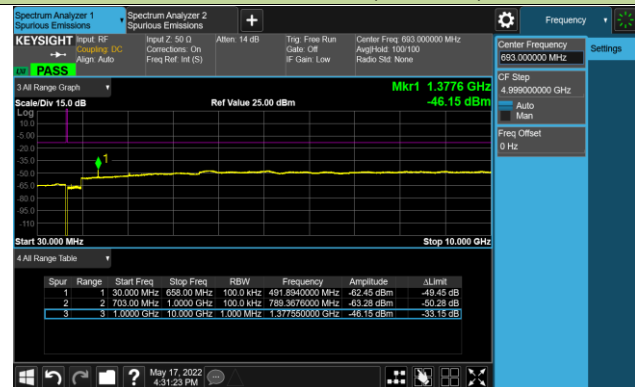
## Channel 133172 (668.0MHz)



## Channel 133297 (680.5MHz)

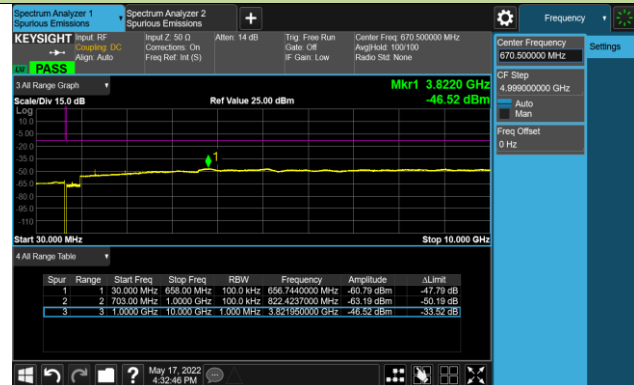


## Channel 133422 (693MHz)

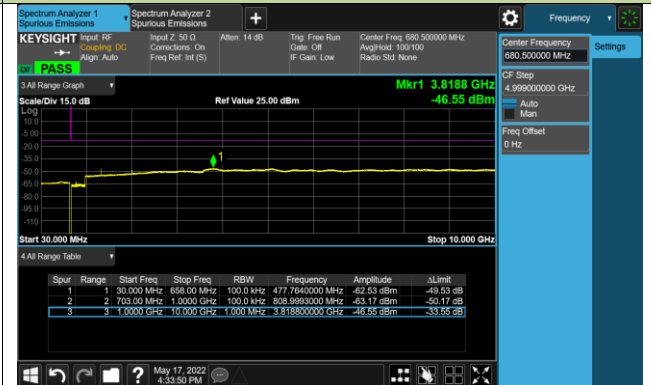


### 15MHz Channel Bandwidth

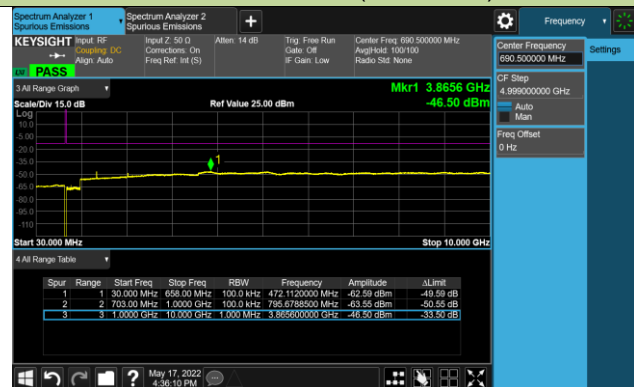
#### Channel 133197 (670.5MHz)



#### Channel 133297 (680.5MHz)

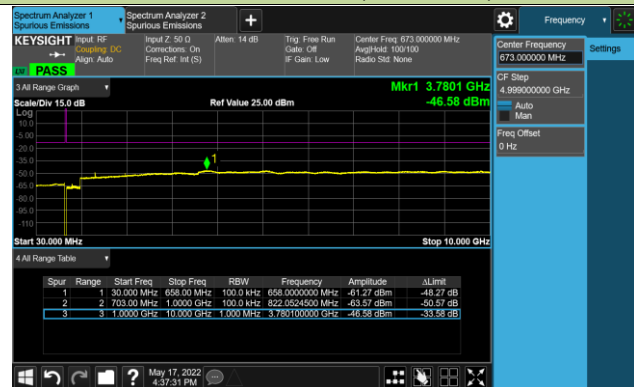


#### Channel 133397 (690.5MHz)

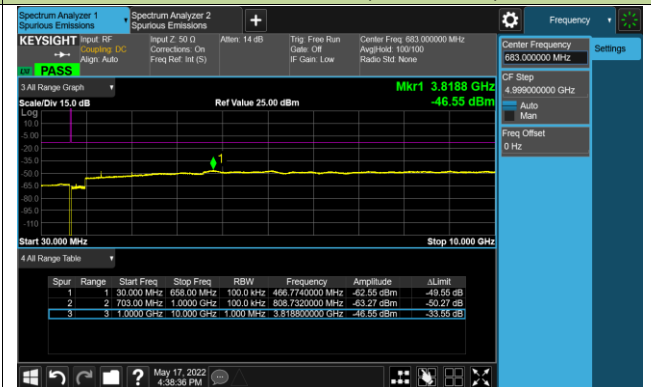


### 20MHz Channel Bandwidth

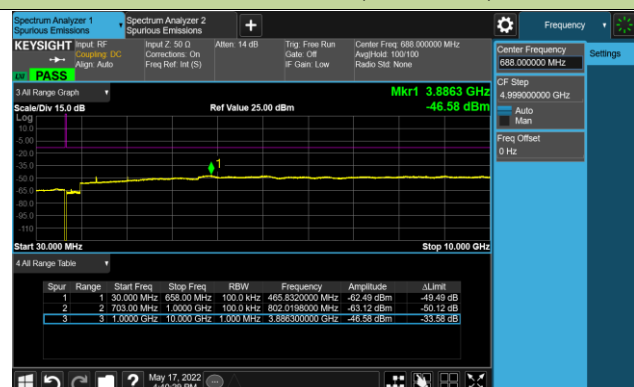
#### Channel 133222 (673.0MHz)



#### Channel 133322 (683.0MHz)



#### Channel 133372 (688.0MHz)

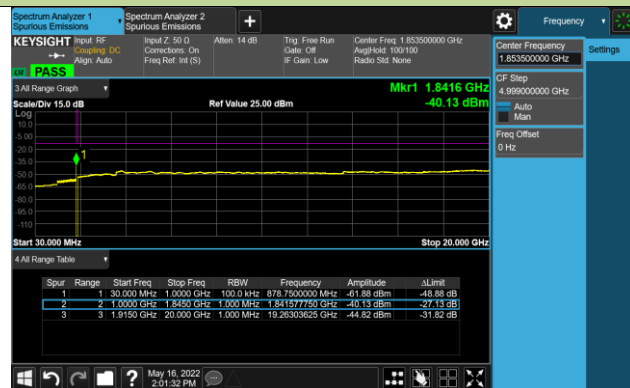


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/16	Test Band	Intra-Band CA_2C, 1RB, QPSK

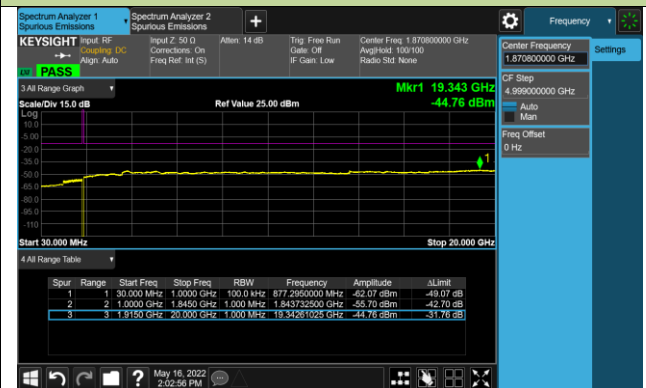
Frequency (MHz)		Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
PCC	SCC					
1853.3	1865.0	5+20	30 ~ 20000	-40.13	≤ -13.00	Pass
1870.8	1882.5	5+20	30 ~ 20000	-44.74	≤ -13.00	Pass
1888.3	1900.0	5+20	30 ~ 20000	-44.85	≤ -13.00	Pass
1860.0	1871.7	20+5	30 ~ 20000	-42.61	≤ -13.00	Pass
1877.5	1889.2	20+5	30 ~ 20000	-44.63	≤ -13.00	Pass
1895.0	1906.7	20+5	30 ~ 20000	-40.67	≤ -13.00	Pass
1855.3	1867.3	10+15	30 ~ 20000	-29.48	≤ -13.00	Pass
1872.9	1884.9	10+15	30 ~ 20000	-44.63	≤ -13.00	Pass
1890.5	1902.5	10+15	30 ~ 20000	-44.78	≤ -13.00	Pass
1857.5	1869.5	15+10	30 ~ 20000	-38.32	≤ -13.00	Pass
1875.1	1887.1	15+10	30 ~ 20000	-40.99	≤ -13.00	Pass
1892.7	1904.7	15+10	30 ~ 20000	-36.80	≤ -13.00	Pass
1855.5	1869.9	10+20	30 ~ 20000	-38.71	≤ -13.00	Pass
1870.6	1885.0	10+20	30 ~ 20000	-44.53	≤ -13.00	Pass
1885.6	1900.0	10+20	30 ~ 20000	-44.55	≤ -13.00	Pass
1860.0	1874.4	20+10	30 ~ 20000	-40.08	≤ -13.00	Pass
1875.1	1889.5	20+10	30 ~ 20000	-44.48	≤ -13.00	Pass
1890.1	1904.5	20+10	30 ~ 20000	-36.12	≤ -13.00	Pass
1857.5	1872.5	15+15	30 ~ 20000	-36.98	≤ -13.00	Pass
1872.5	1887.5	15+15	30 ~ 20000	-42.61	≤ -13.00	Pass
1887.5	1902.5	15+15	30 ~ 20000	-40.79	≤ -13.00	Pass
1857.8	1874.9	15+20	30 ~ 20000	-41.86	≤ -13.00	Pass
1870.3	1887.4	15+20	30 ~ 20000	-39.00	≤ -13.00	Pass
1882.9	1900.0	15+20	30 ~ 20000	-44.58	≤ -13.00	Pass
1860.0	1877.1	20+15	30 ~ 20000	-40.88	≤ -13.00	Pass
1872.6	1889.7	20+15	30 ~ 20000	-34.83	≤ -13.00	Pass
1885.1	1902.2	20+15	30 ~ 20000	-43.50	≤ -13.00	Pass
1860.0	1879.8	20+20	30 ~ 20000	-42.80	≤ -13.00	Pass
1870.1	1889.9	20+20	30 ~ 20000	-37.80	≤ -13.00	Pass
1880.2	1900.0	20+20	30 ~ 20000	-43.63	≤ -13.00	Pass

### 5+20MHz Channel Bandwidth

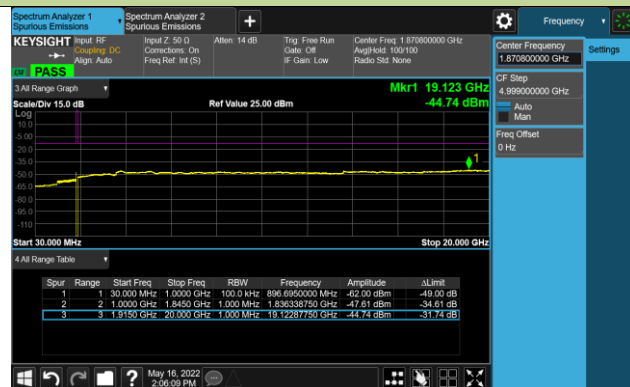
#### Lowest Channel



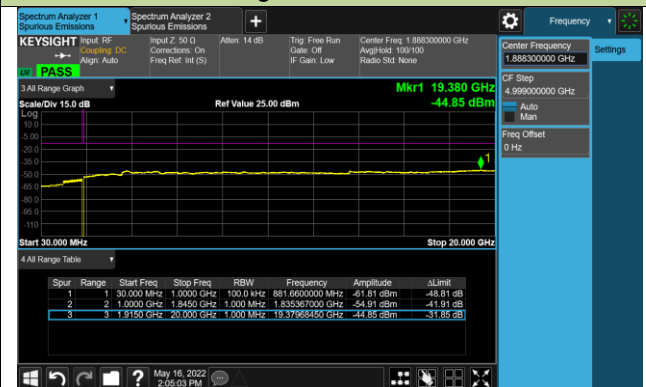
#### Middle Channel/1RB@0 and 1RB@99



#### Middle Channel/1RB@24 and 1RB@0

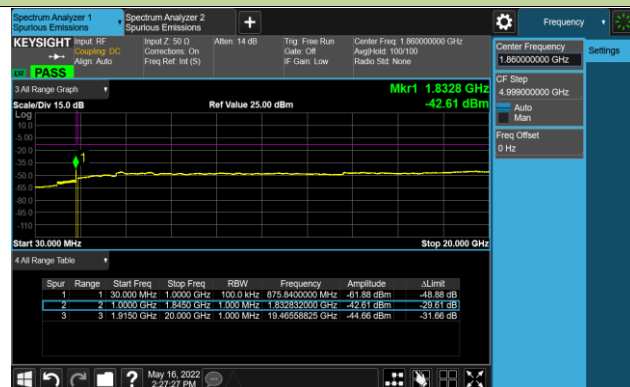


#### Highest Channel

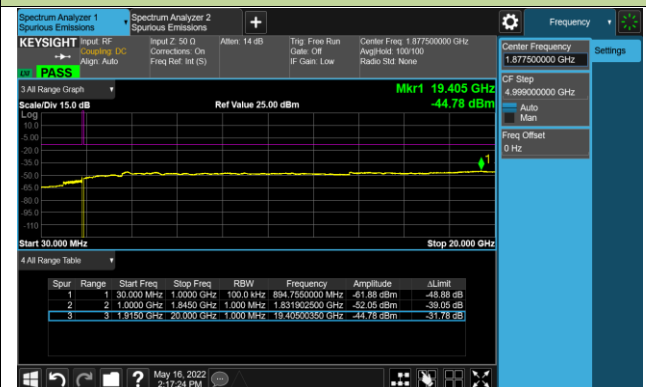


### 20+5MHz Channel Bandwidth

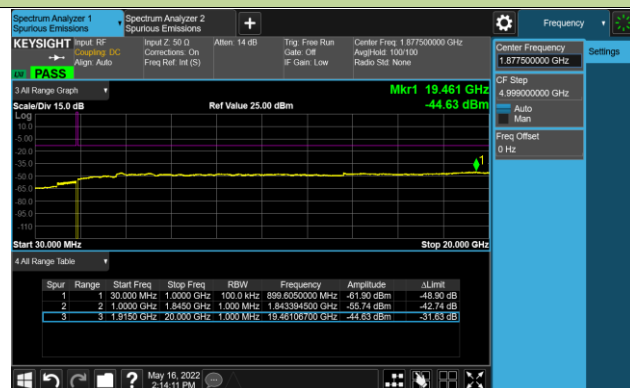
#### Lowest Channel



#### Middle Channel/1RB@0 and 1RB@24



#### Middle Channel/ 1RB@99 and 1RB@0



#### Highest Channel

