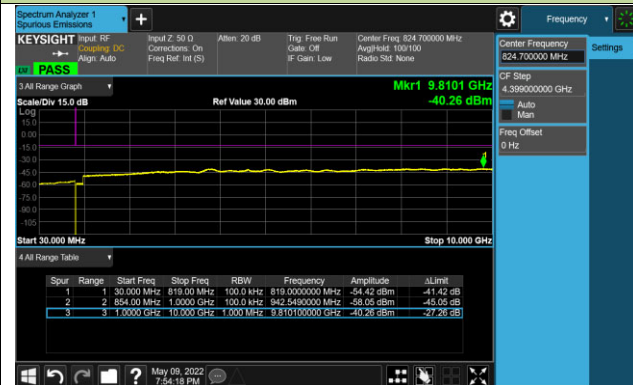
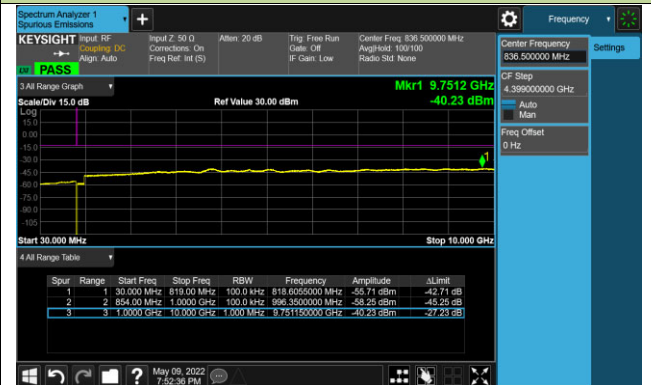


1.4MHz Channel Bandwidth

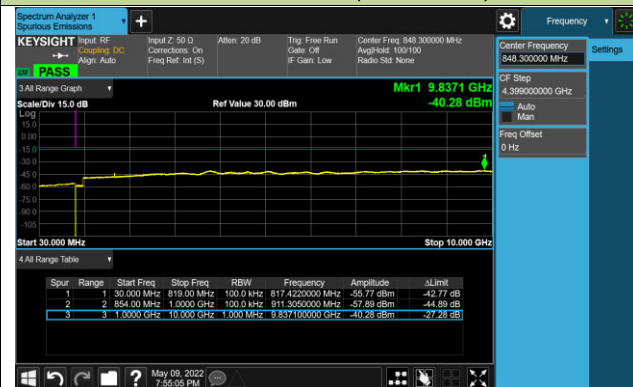
Channel 26697 (814.7MHz)



Channel 25865 (831.5MHz)

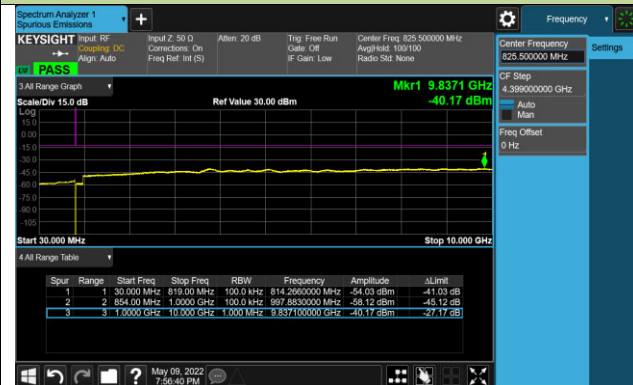


Channel 27033 (848.3MHz)

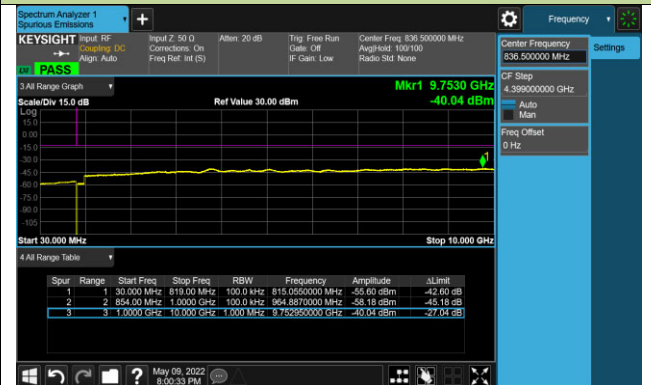


3MHz Channel Bandwidth

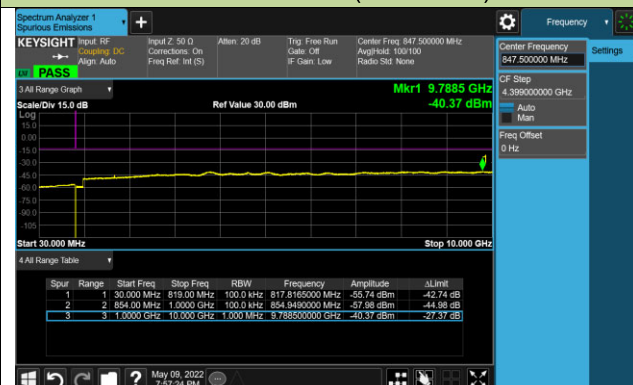
Channel 26705 (815.5MHz)



Channel 26865 (831.5MHz)

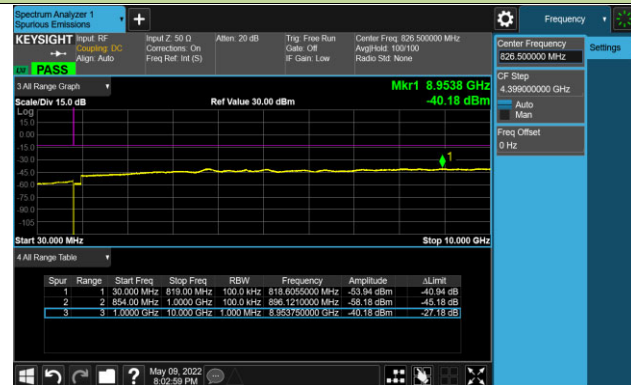


Channel 27025 (847.5MHz)

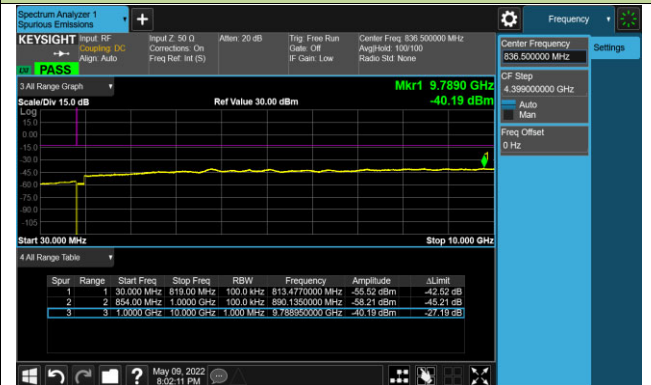


5MHz Channel Bandwidth

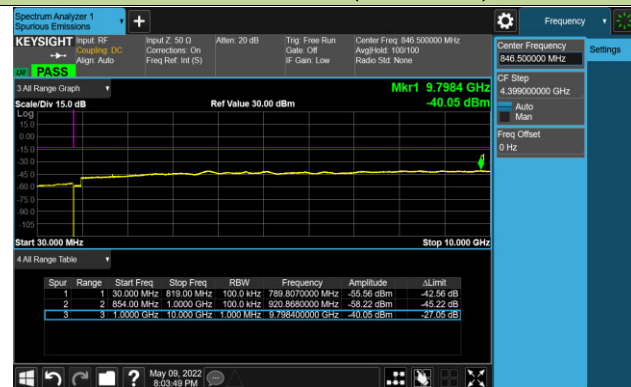
Channel 26715 (816.5MHz)



Channel 26865 (831.5MHz)

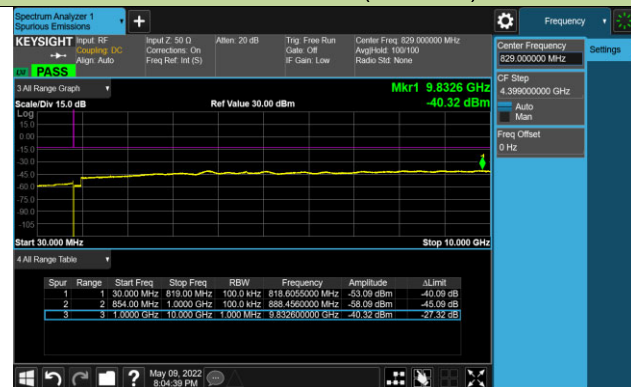


Channel 27015 (846.5MHz)

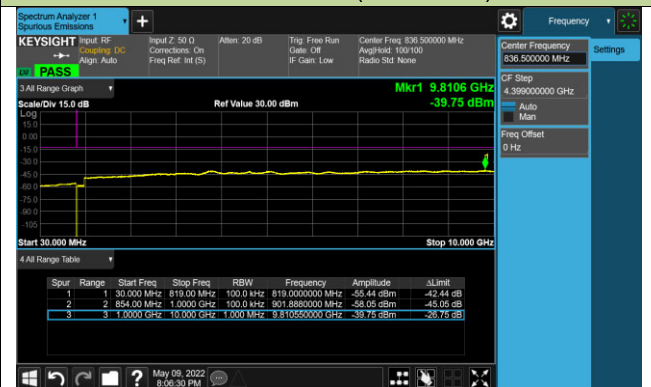


10MHz Channel Bandwidth

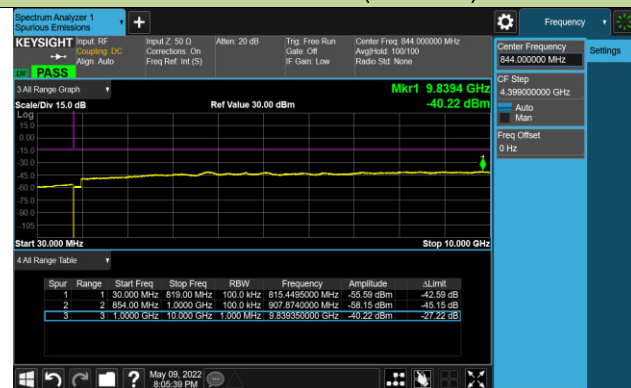
Channel 26740 (819MHz)



Channel 26865 (831.5MHz)



Channel 26990 (844MHz)

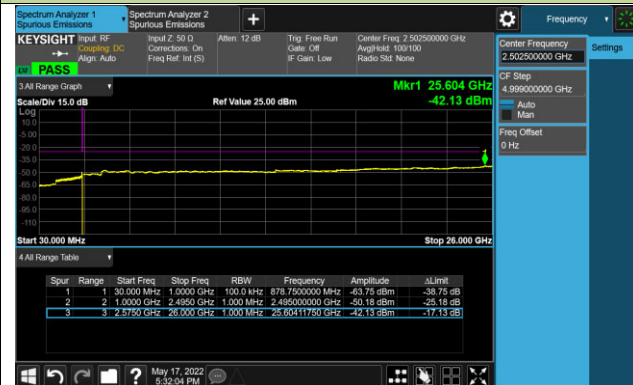


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/17	Test Band	LTE Band 7, 1RB, QPSK

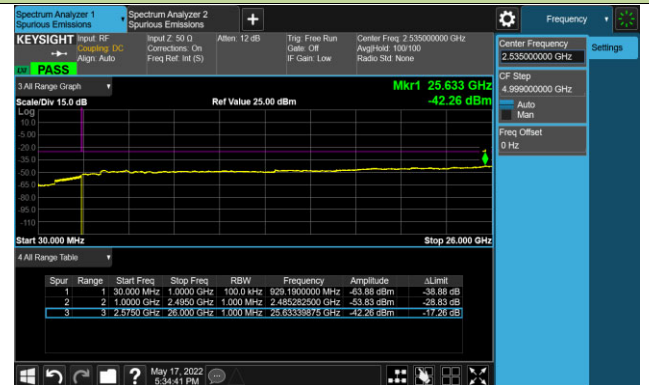
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
2502.5	5	30 ~ 26000	-42.13	≤ -25.00	Pass
2535.0	5	30 ~ 26000	-42.26	≤ -25.00	Pass
2567.5	5	30 ~ 26000	-42.15	≤ -25.00	Pass
2505.0	10	30 ~ 26000	-32.62	≤ -25.00	Pass
2535.0	10	30 ~ 26000	-32.50	≤ -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

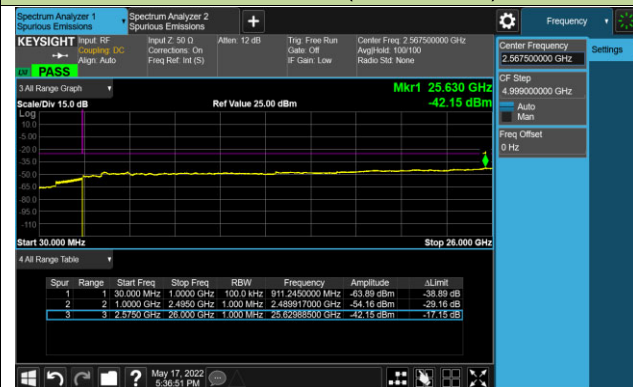
Channel 20775 (2502.5MHz)



Channel 21100 (2535MHz)

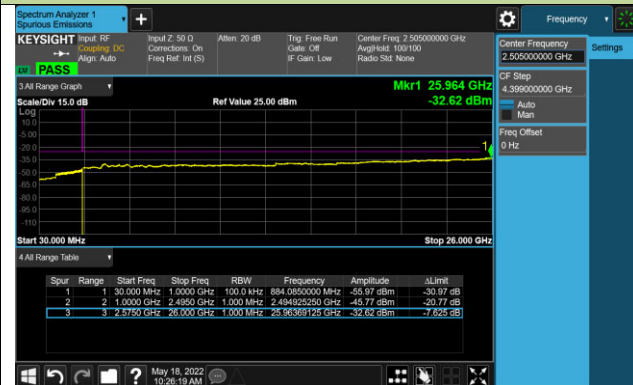


Channel 21425 (2567.5MHz)

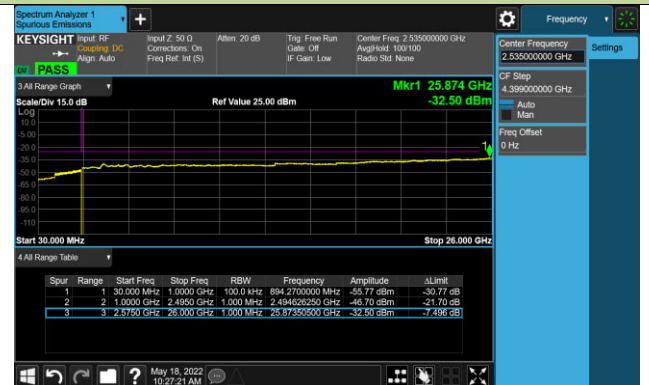


10MHz Channel Bandwidth

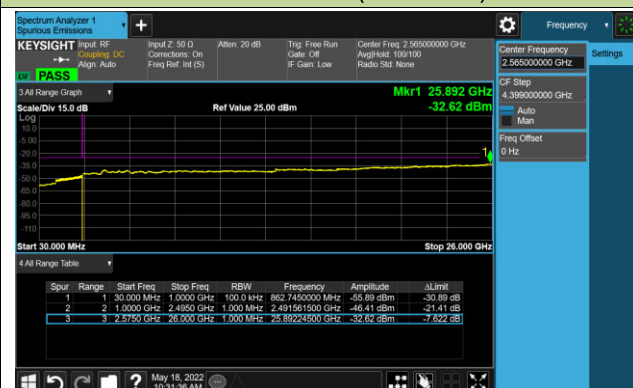
Channel 20800 (2505MHz)



Channel 21100 (2535MHz)

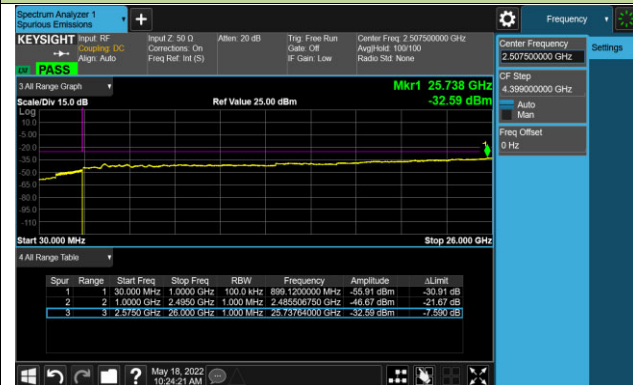


Channel 21400 (2565MHz)



15MHz Channel Bandwidth

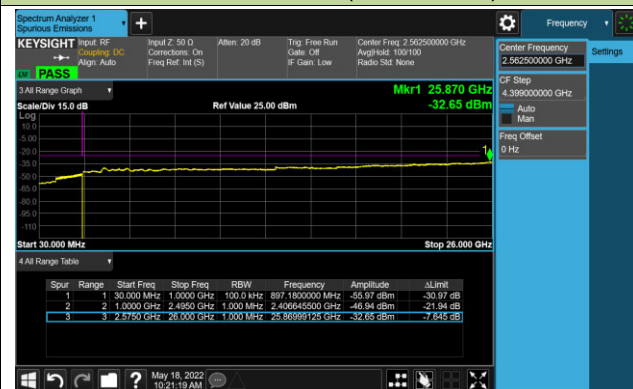
Channel 20825 (2507.5MHz)



Channel 21100 (2535MHz)

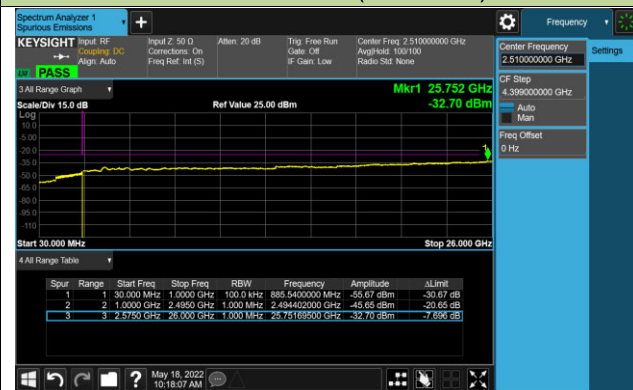


Channel 21375 (2562.5MHz)

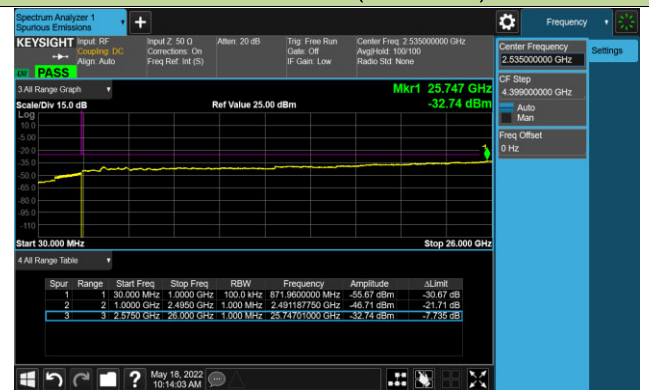


20MHz Channel Bandwidth

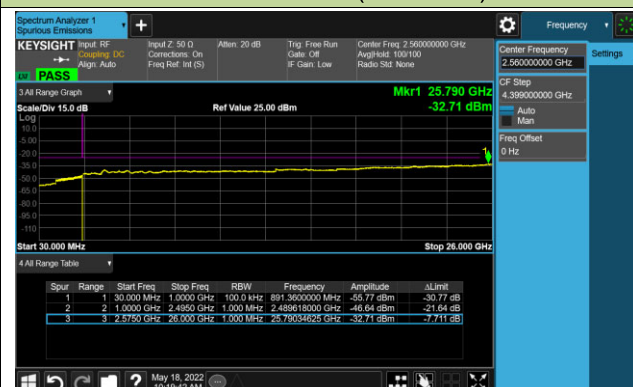
Channel 20850 (2510MHz)



Channel 21100 (2535MHz)



Channel 21350 (2560MHz)

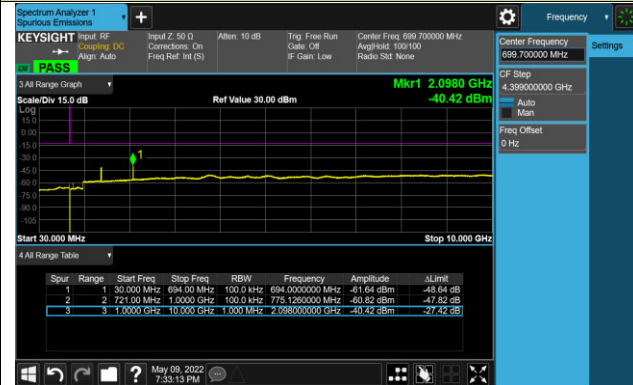


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/09	Test Band	LTE Band 12, 1RB, QPSK

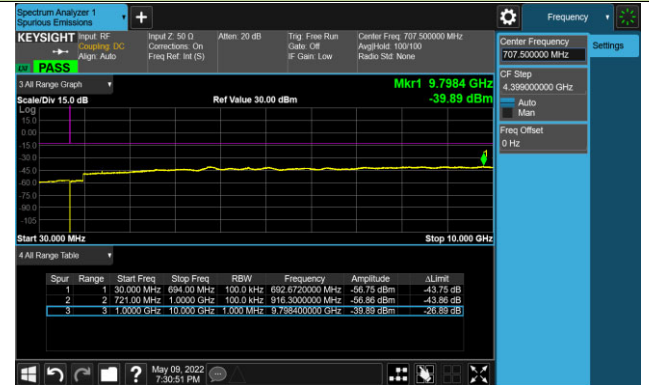
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
699.7	1.4	30 ~ 10000	-40.42	≤ -13.00	Pass
707.5	1.4	30 ~ 10000	-39.89	≤ -13.00	Pass
715.3	1.4	30 ~ 10000	-40.79	≤ -13.00	Pass
700.5	3	30 ~ 10000	-40.54	≤ -13.00	Pass
707.5	3	30 ~ 10000	-41.22	≤ -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

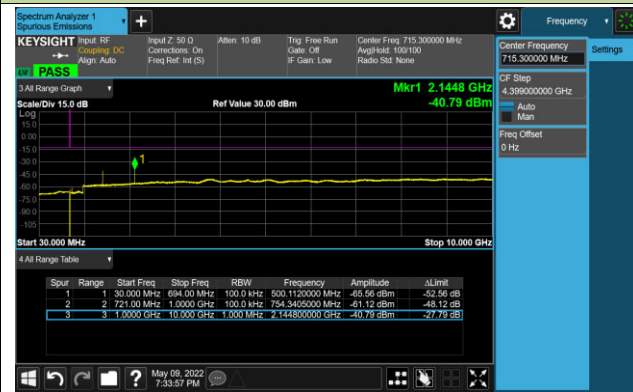
Channel 23017 (699.7MHz)



Channel 23095 (707.5MHz)

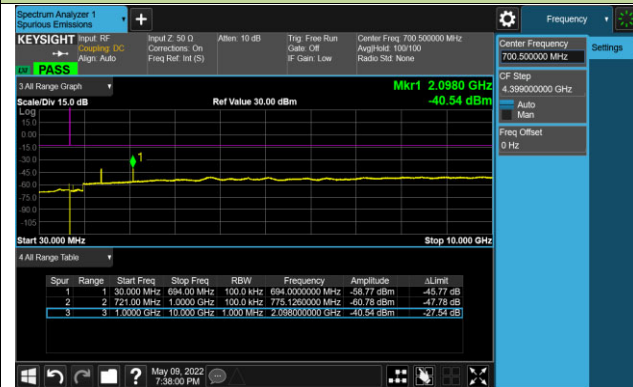


Channel 23173 (715.3MHz)

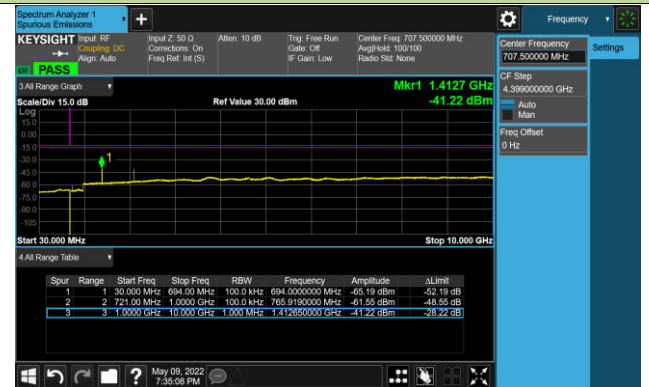


3MHz Channel Bandwidth

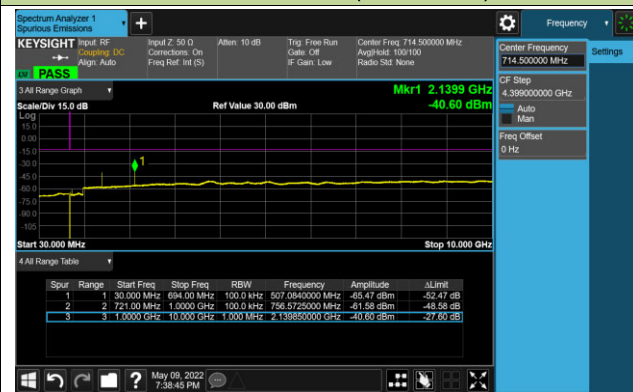
Channel 23025 (700.5MHz)



Channel 23095 (707.5MHz)

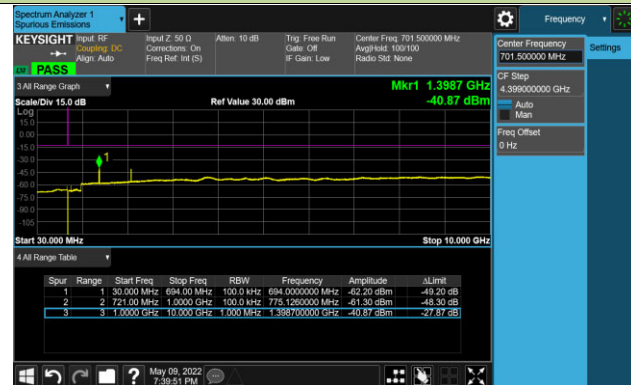


Channel 23165 (714.5MHz)

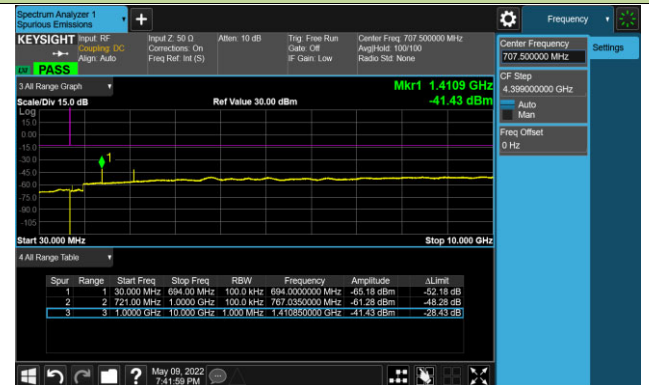


5MHz Channel Bandwidth

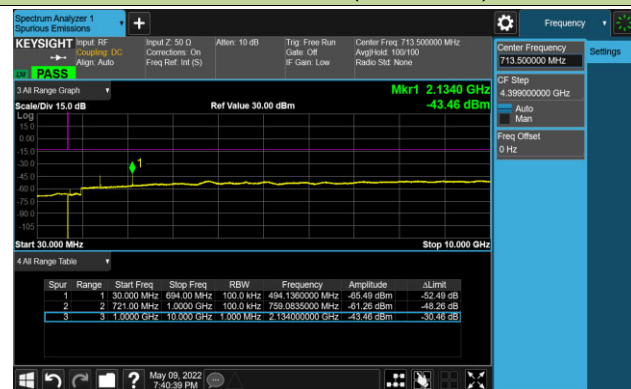
Channel 23035 (701.5MHz)



Channel 23095 (707.5MHz)

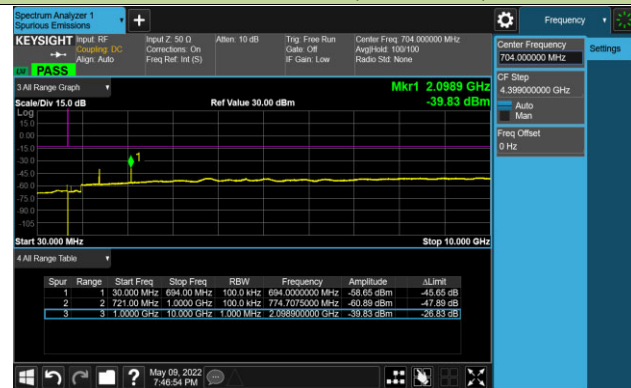


Channel 23165 (714.5MHz)

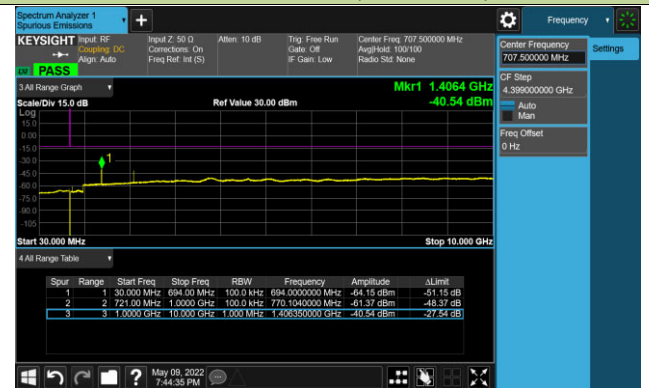


10MHz Channel Bandwidth

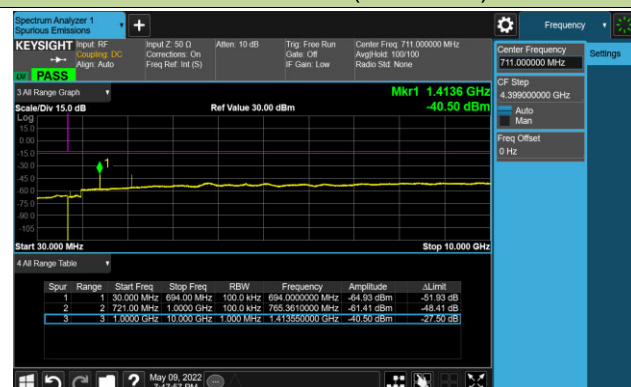
Channel 23060 (704.0MHz)



Channel 23095 (707.5MHz)



Channel 23130 (711.0MHz)

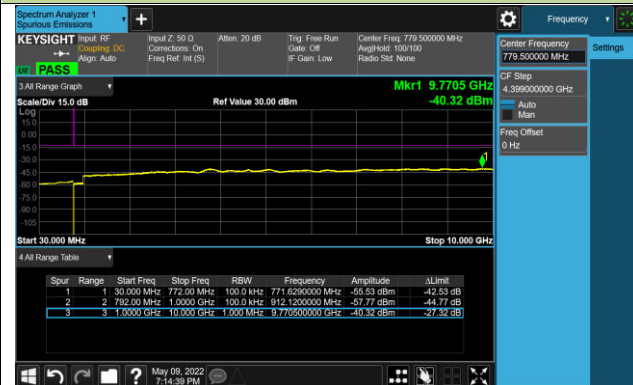


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/09	Test Band	LTE Band 13, 1RB, QPSK

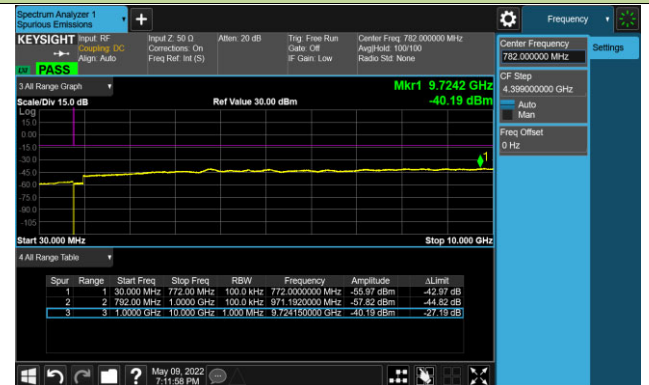
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
779.5	5	30 ~ 10000	-40.32	≤ -13.00	Pass
782.0	5	30 ~ 10000	-40.19	≤ -13.00	Pass
784.5	5	30 ~ 10000	-40.09	≤ -13.00	Pass
782.0	10	30 ~ 10000	-40.23	≤ -13.00	Pass

5MHz Channel Bandwidth

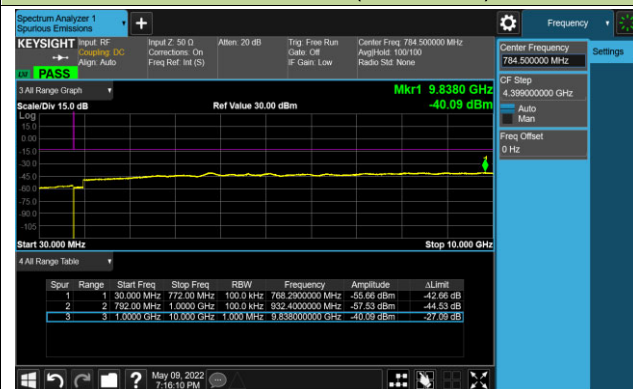
Channel 23205 (779.5MHz)



Channel 23230 (782MHz)

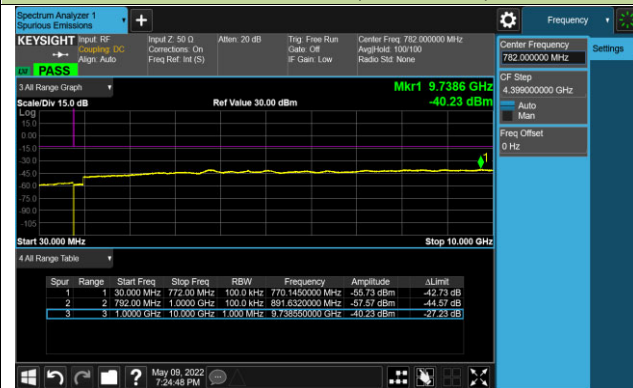


Channel 23255 (784.5MHz)



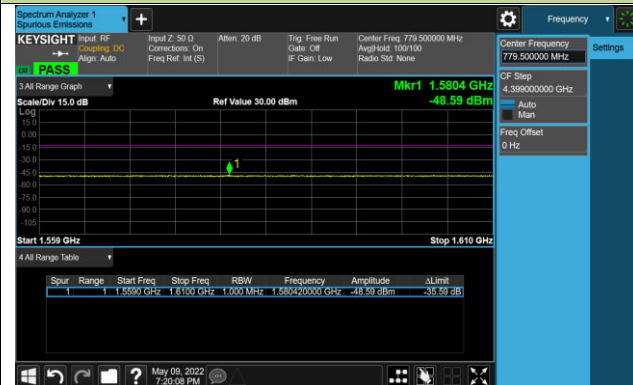
10MHz Channel Bandwidth

Channel 23230 (782.0MHz)

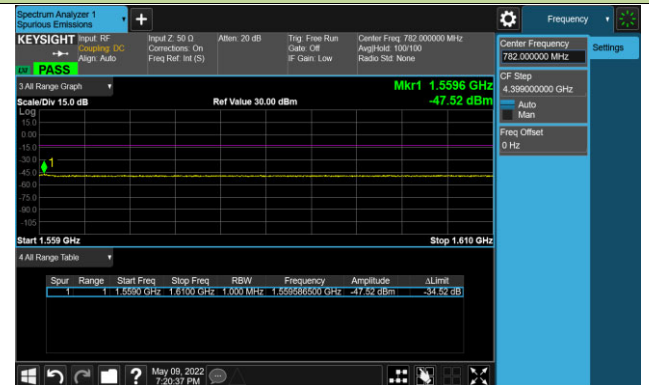


5MHz Channel Bandwidth

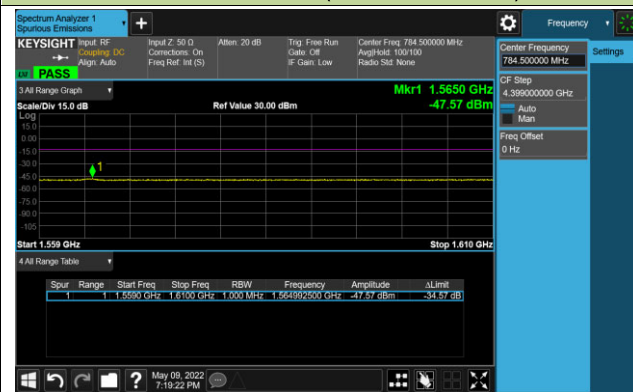
Channel 23205 (1559-1610MHz)



Channel 23230 (1559-1610MHz)

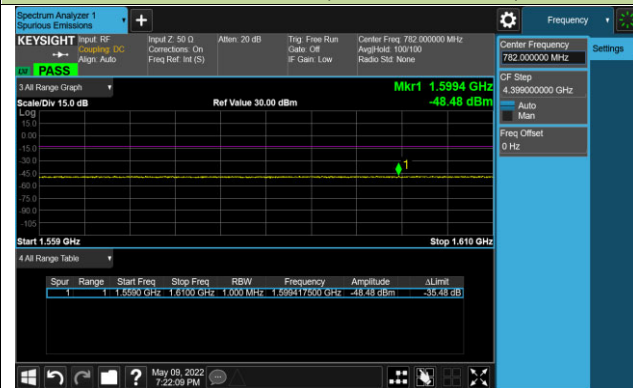


Channel 23255 (1559-1610MHz)



10MHz Channel Bandwidth

Channel 23230 (1559-1610MHz)

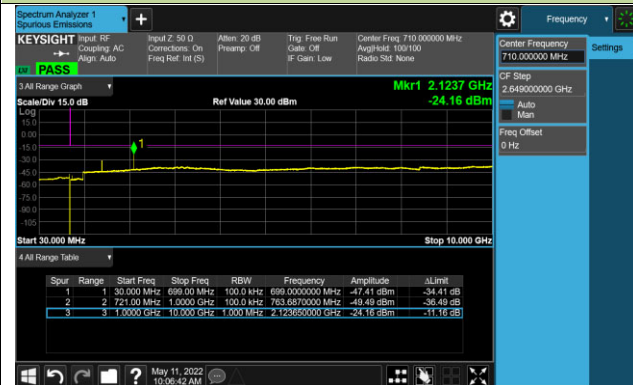


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/11~2022/05/17	Test Band	LTE Band 17, 1RB, QPSK

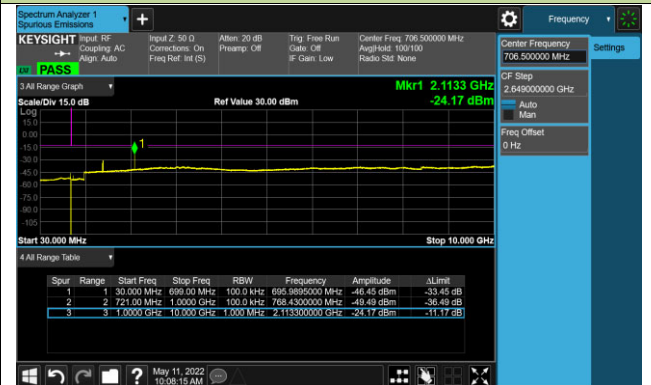
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
706.5	5	30 ~ 8000	-24.16	≤ -13.00	Pass
710.0	5	30 ~ 8000	-24.17	≤ -13.00	Pass
713.5	5	30 ~ 8000	-22.26	≤ -13.00	Pass
709.0	10	30 ~ 8000	-46.45	≤ -13.00	Pass
710.0	10	30 ~ 8000	-46.50	≤ -13.00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

5MHz Channel Bandwidth

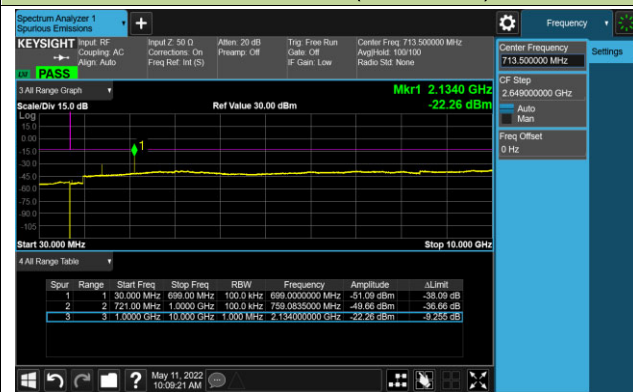
Channel 23755 (706.5MHz)



Channel 23790(710.0MHz)

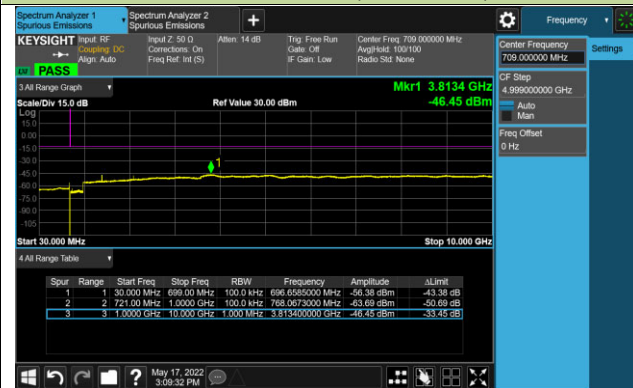


Channel 23825 (713.5MHz)

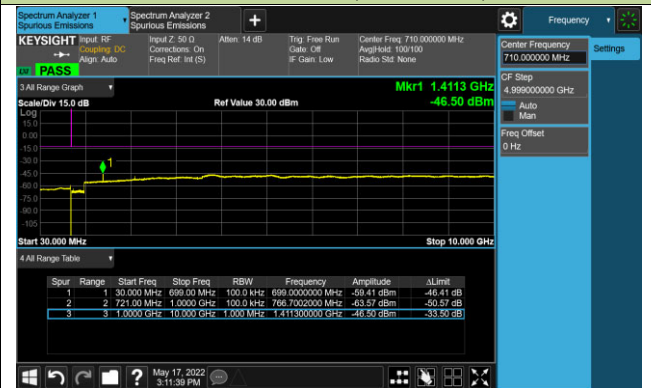


10MHz Channel Bandwidth

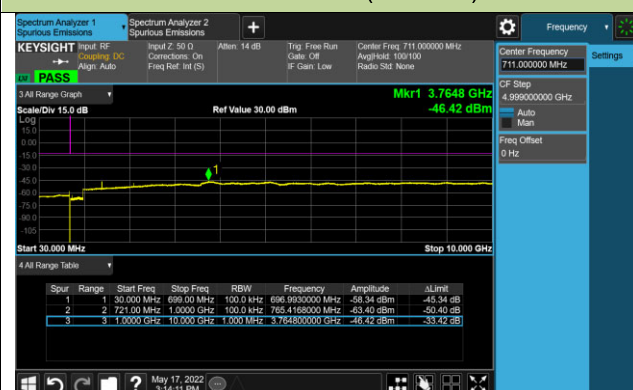
Channel 23780 (709.0MHz)



Channel 23790(710.0MHz)



Channel 23800 (711MHz)

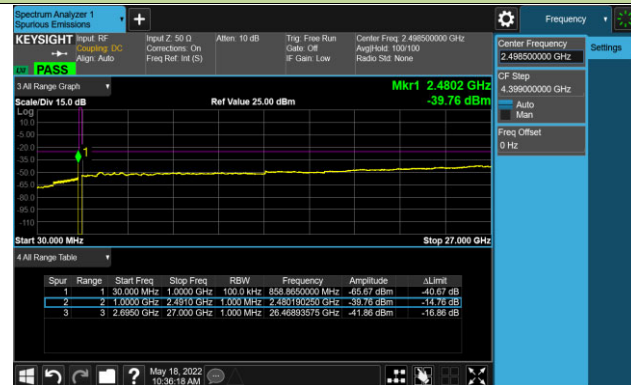


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/18	Test Band	LTE Band 38/41_HPUE, 1RB, QPSK

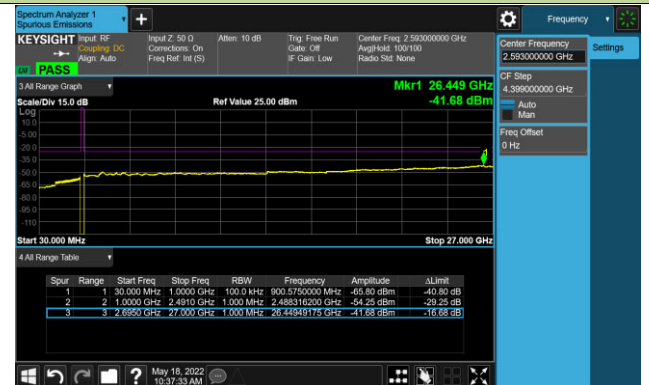
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
2498.50	5	30 ~ 27000	-39.76	≤ -25.00	Pass
2593.00	5	30 ~ 27000	-41.68	≤ -25.00	Pass
2687.50	5	30 ~ 27000	-38.07	≤ -25.00	Pass
2501.00	10	30 ~ 27000	-30.71	≤ -25.00	Pass
2593.00	10	30 ~ 27000	-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

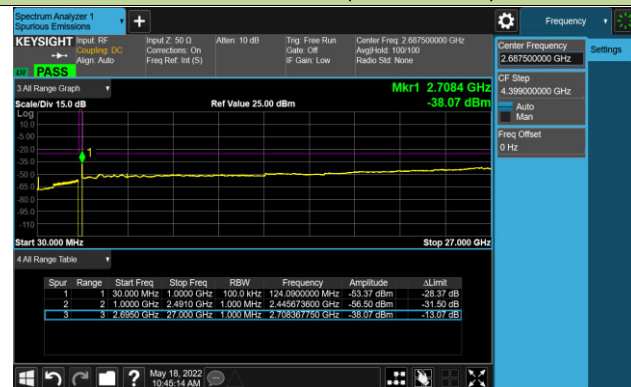
Channel 39675 (2498.5MHz)



Channel 40620 (2593MHz)

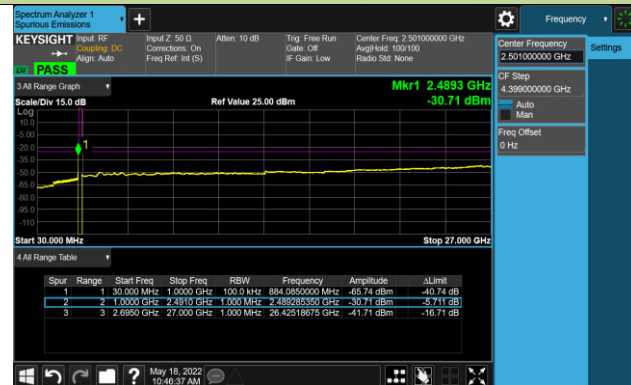


Channel 40565 (2687.5MHz)

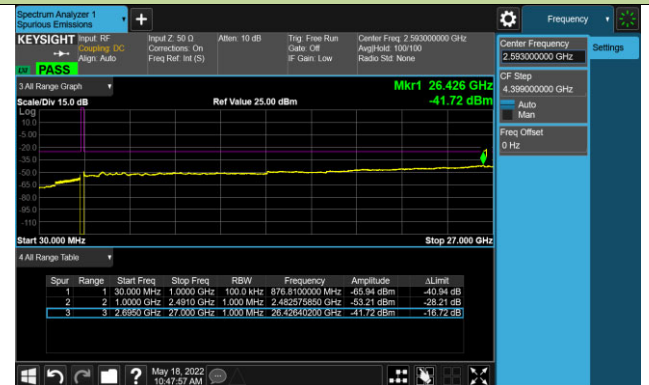


10MHz Channel Bandwidth

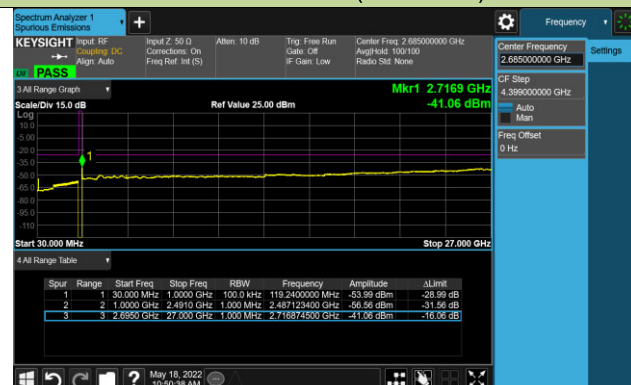
Channel 39700 (2501MHz)



Channel 40620 (2593MHz)

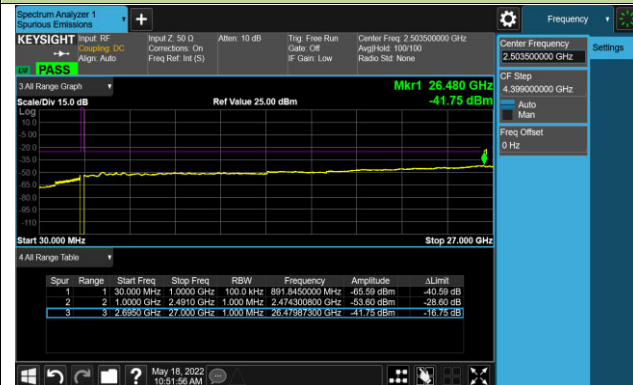


Channel 41540 (2685MHz)

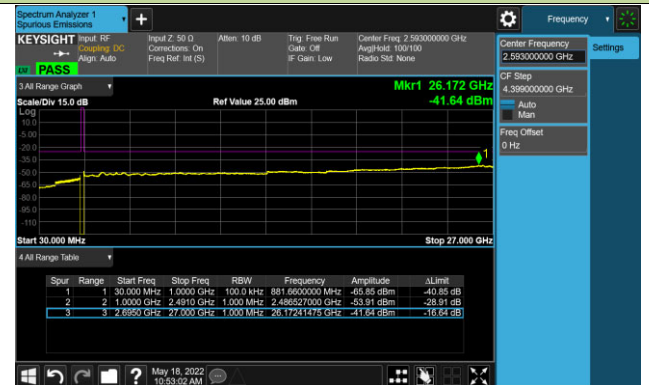


15MHz Channel Bandwidth

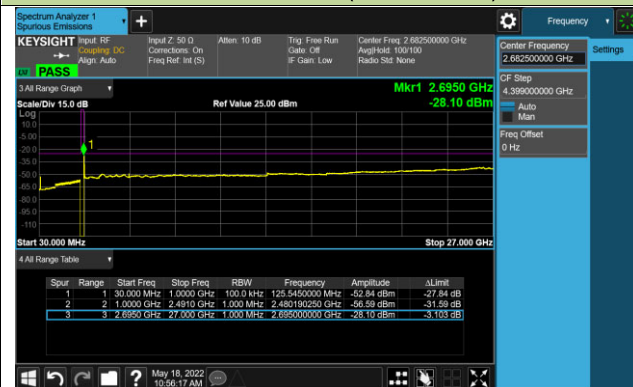
Channel 39725 (2503.5MHz)



Channel 40620 (2593MHz)

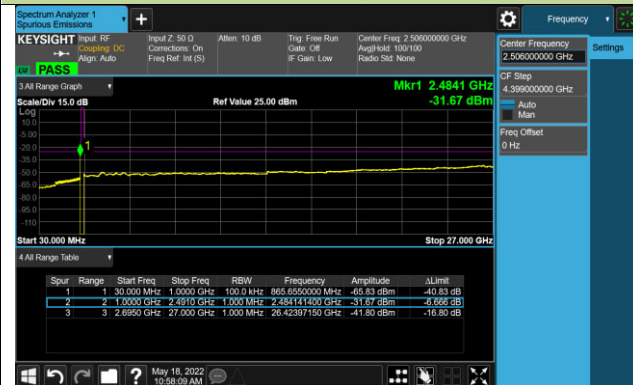


Channel 41515 (2682.5MHz)

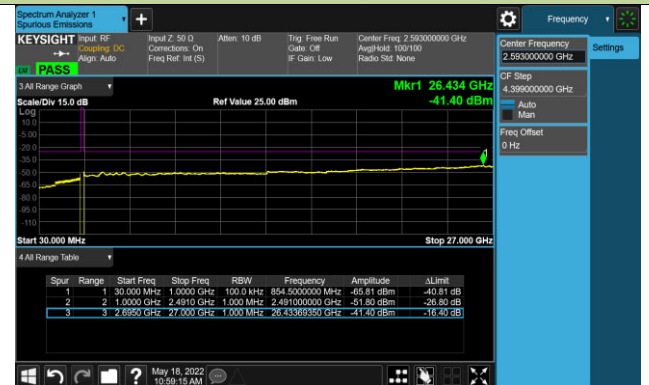


20MHz Channel Bandwidth

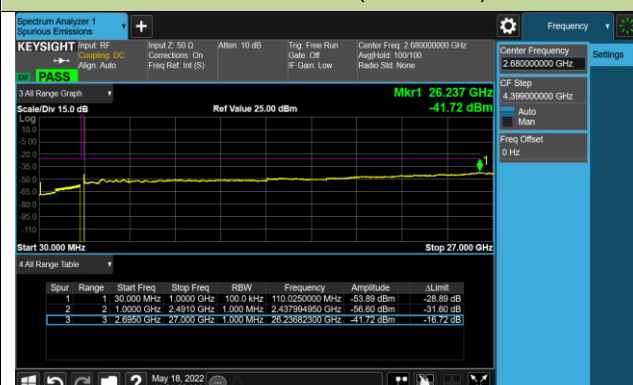
Channel 39750 (2506MHz)



Channel 40620 (2593MHz)



Channel 41490 (2680MHz)

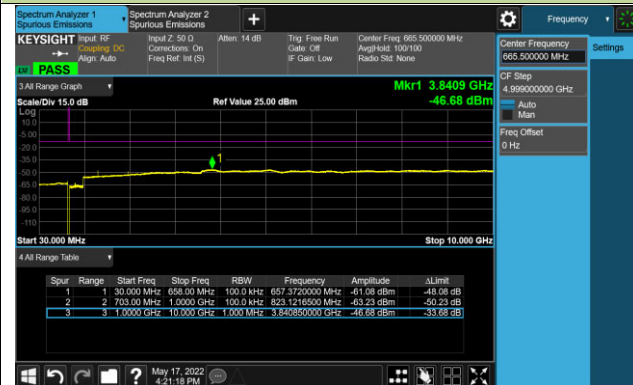


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/17	Test Band	LTE Band 71, 1RB, QPSK

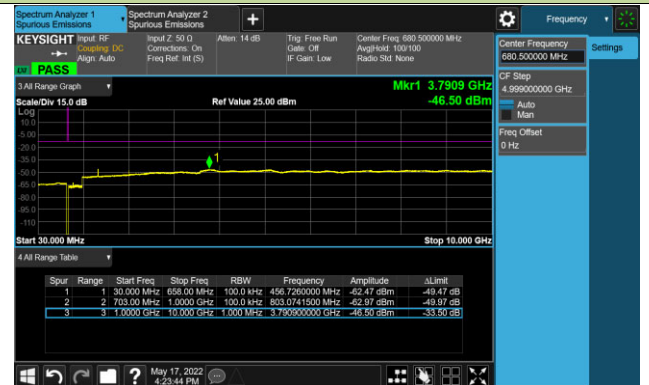
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
665.5	5	30 ~ 10000	-46.68	≤ -13.00	Pass
680.5	5	30 ~ 10000	-46.50	≤ -13.00	Pass
695.5	5	30 ~ 10000	-46.66	≤ -13.00	Pass
668.0	10	30 ~ 10000	-46.51	≤ -13.00	Pass
680.5	10	30 ~ 10000	-46.78	≤ -13.00	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

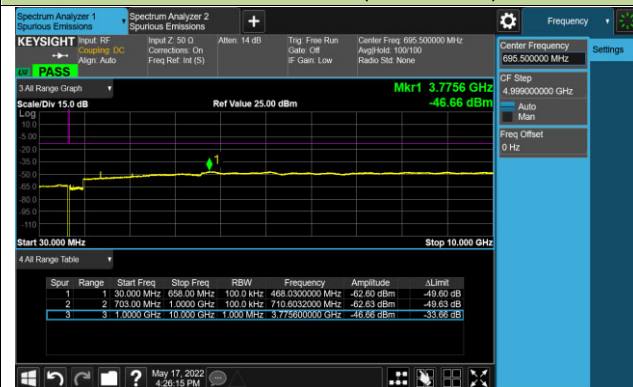
Channel 133147 (665.5MHz)



Channel 133297 (680.5MHz)

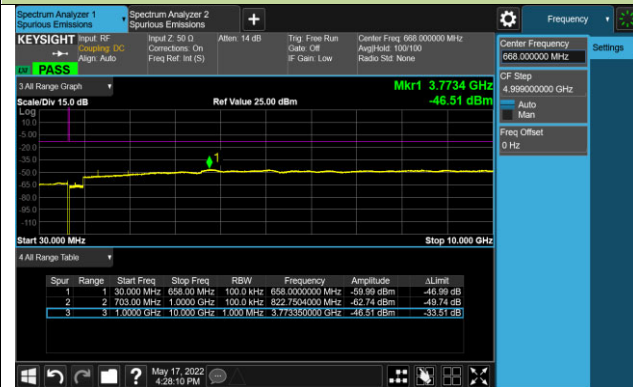


Channel 133447 (695.5MHz)

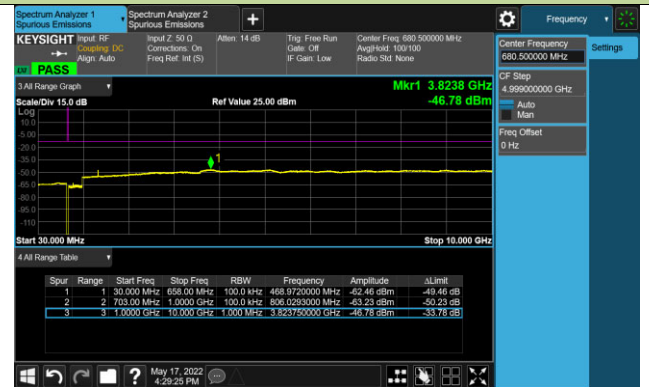


10MHz Channel Bandwidth

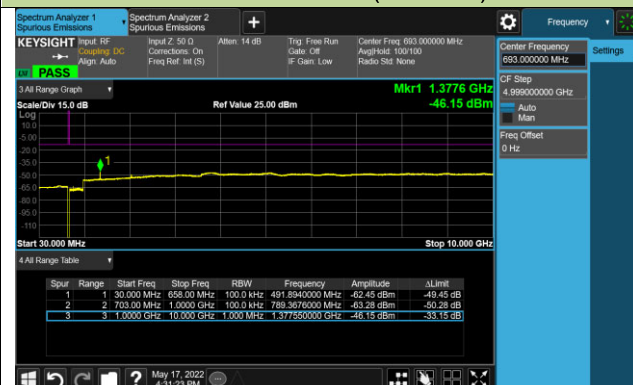
Channel 133172 (668.0MHz)



Channel 133297 (680.5MHz)

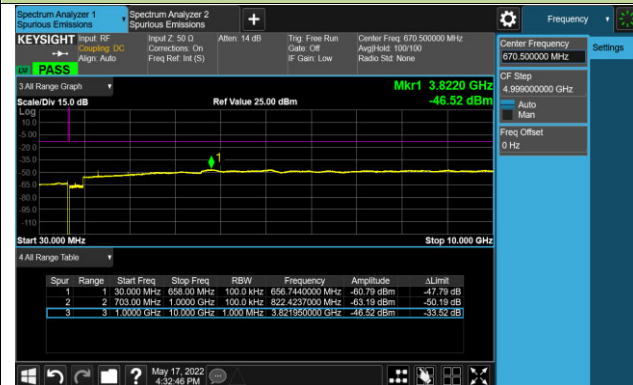


Channel 133422 (693MHz)

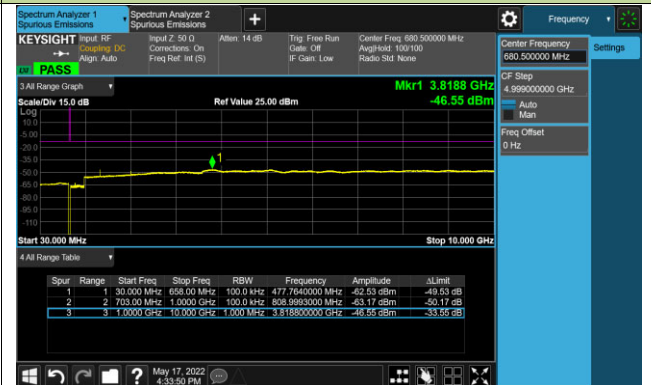


15MHz Channel Bandwidth

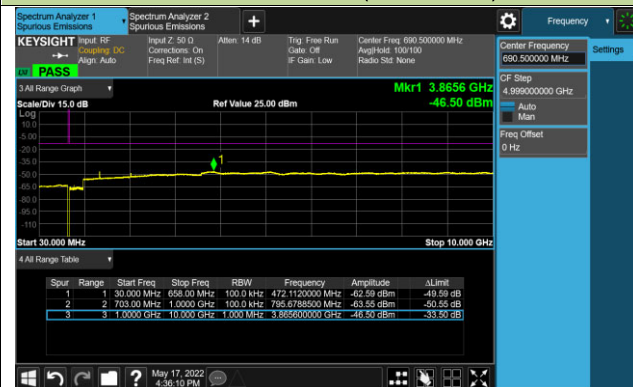
Channel 133197 (670.5MHz)



Channel 133297 (680.5MHz)

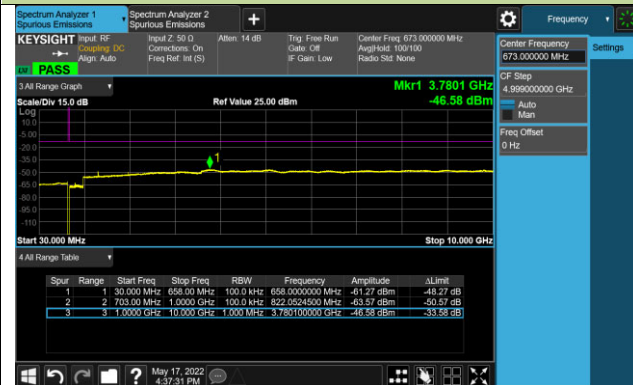


Channel 133397 (690.5MHz)

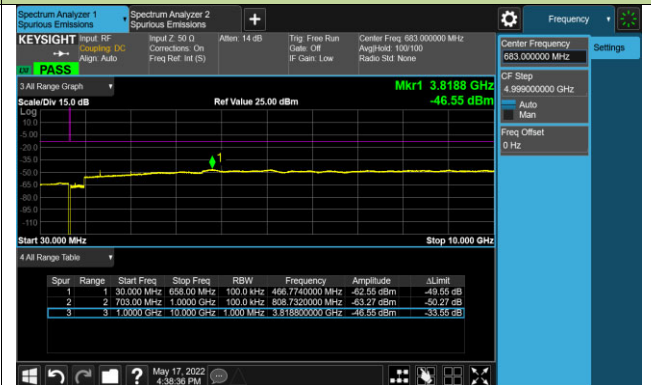


20MHz Channel Bandwidth

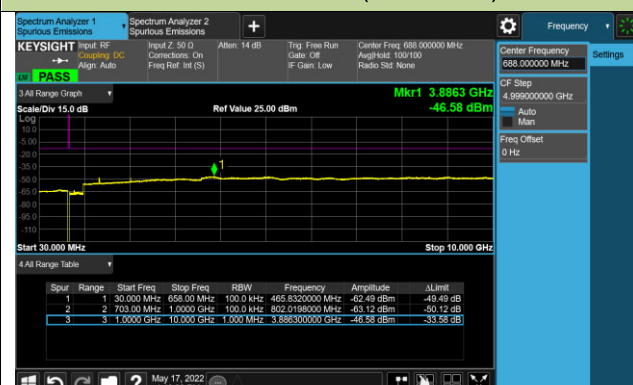
Channel 133222 (673.0MHz)



Channel 133322 (683.0MHz)



Channel 133372 (688.0MHz)

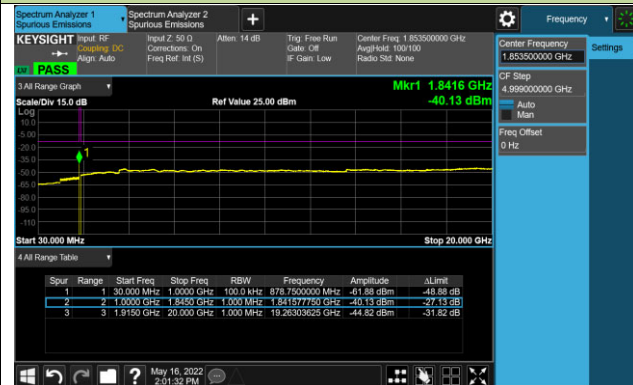


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/05/16	Test Band	Intra-Band CA_2C, 1RB, QPSK

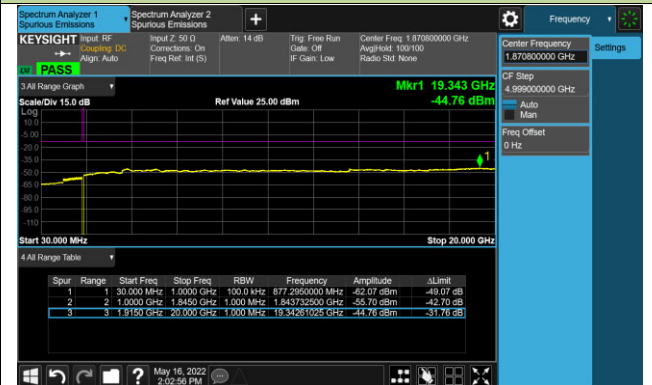
Frequency (MHz)		Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
PCC	SCC					
1853.3	1865.0	5+20	30 ~ 20000	-40.13	≤ -13.00	Pass
1870.8	1882.5	5+20	30 ~ 20000	-44.74	≤ -13.00	Pass
1888.3	1900.0	5+20	30 ~ 20000	-44.85	≤ -13.00	Pass
1860.0	1871.7	20+5	30 ~ 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

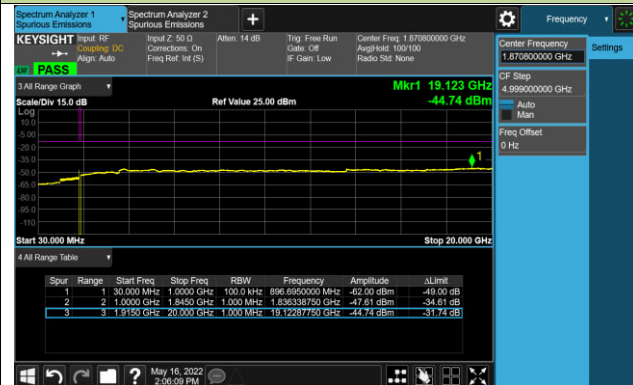
Lowest Channel



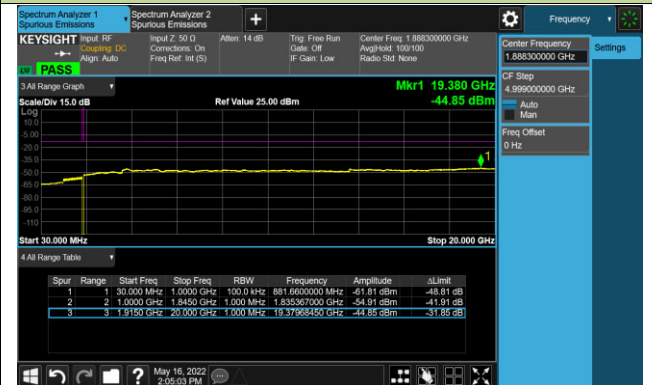
Middle Channel/1RB@0 and 1RB@99



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

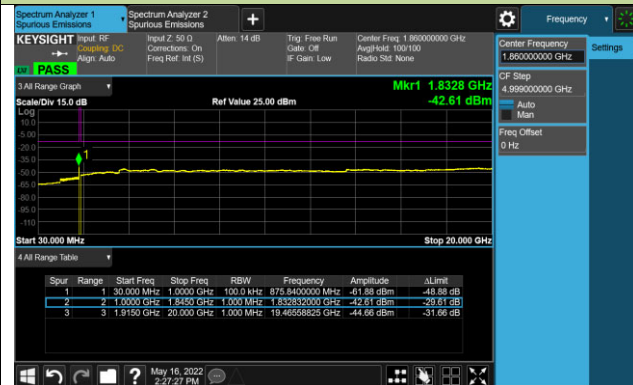


Highest Channel

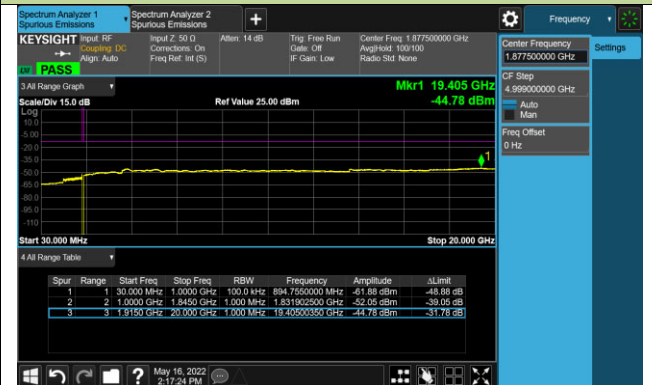


20+5MHz Channel Bandwidth

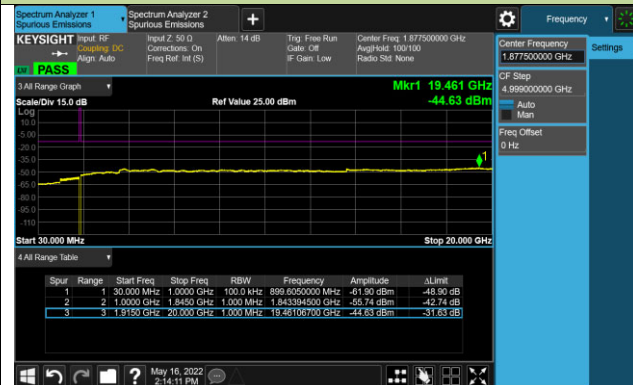
Lowest Channel



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



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



Highest Channel

