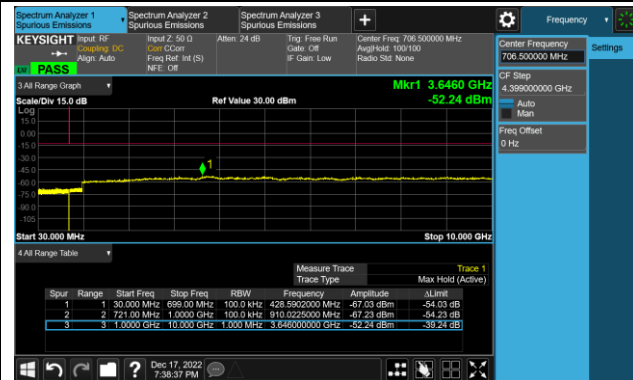
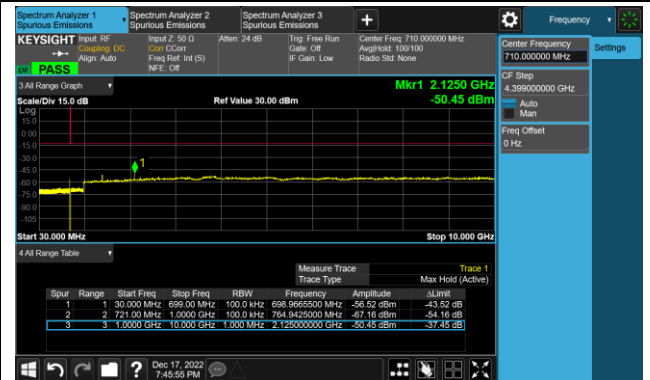


5MHz Channel Bandwidth

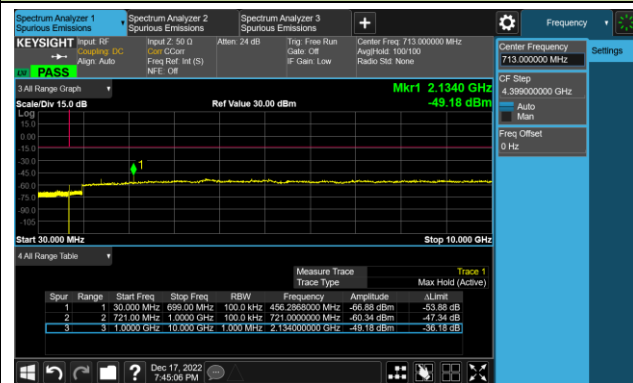
Channel 23755 (706.5MHz)



Channel 23790(710.0MHz)

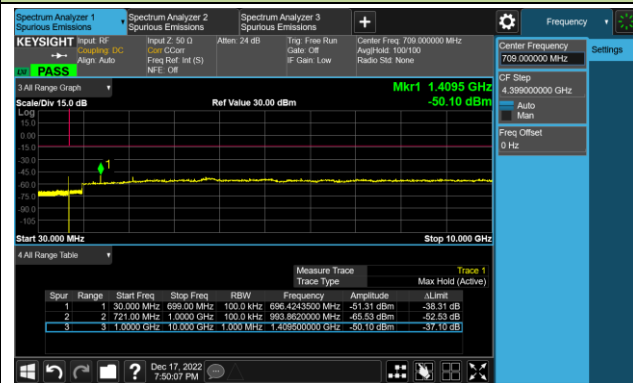


Channel 23825 (713.5MHz)

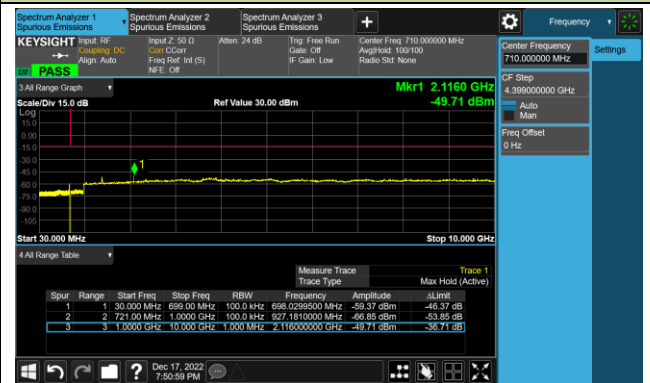


10MHz Channel Bandwidth

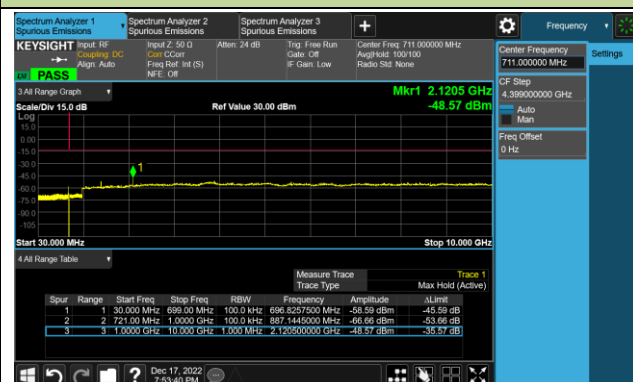
Channel 23780 (709.0MHz)



Channel 23790(710.0MHz)



Channel 23800 (711MHz)

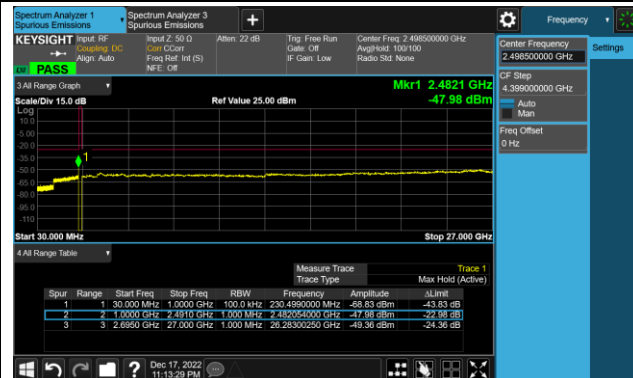


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022-12-17	Test Band	LTE Band 38/41_HPUE, 1RB, QPSK

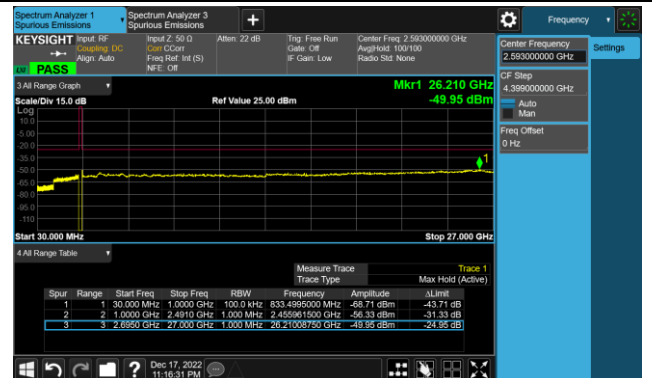
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
2498.50	5	30 ~ 27000	-47.98	≤ -25.00	Pass
2593.00	5	30 ~ 27000	-49.95	≤ -25.00	Pass
2687.50	5	30 ~ 27000	-35.78	≤ -25.00	Pass
2501.00	10	30 ~ 27000	-48.69	≤ -25.00	Pass
2593.00	10	30 ~ 27000	-49.54	≤ -25.00	Pass
2685.00	10	30 ~ 27000	-32.25	≤ -25.00	Pass
2503.50	15	30 ~ 27000	-45.45	≤ -25.00	Pass
2593.00	15	30 ~ 27000	-49.36	≤ -25.00	Pass
2682.50	15	30 ~ 27000	-34.48	≤ -25.00	Pass
2506.00	20	30 ~ 27000	-49.45	≤ -25.00	Pass
2593.00	20	30 ~ 27000	-49.76	≤ -25.00	Pass
2680.00	20	30 ~ 27000	-38.02	≤ -25.00	Pass

5MHz Channel Bandwidth

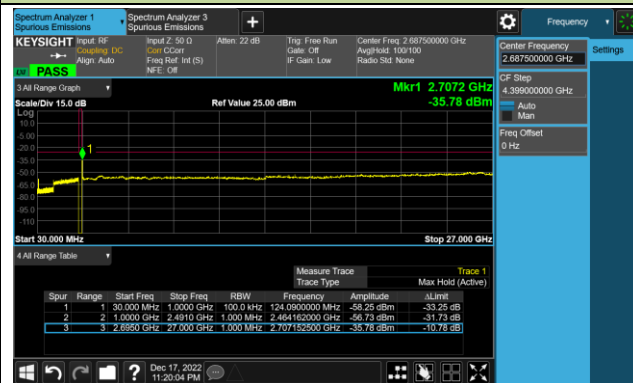
Channel 39675 (2498.5MHz)



Channel 40620 (2593MHz)

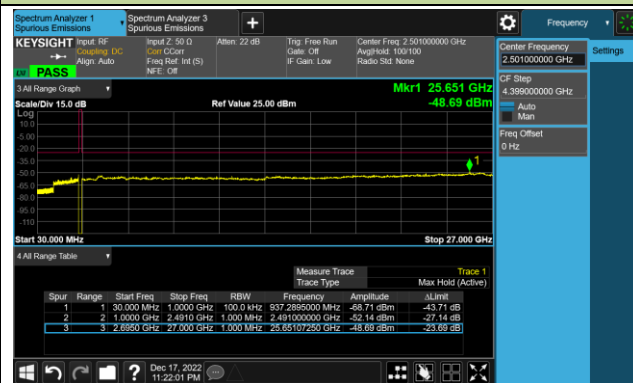


Channel 40565 (2687.5MHz)

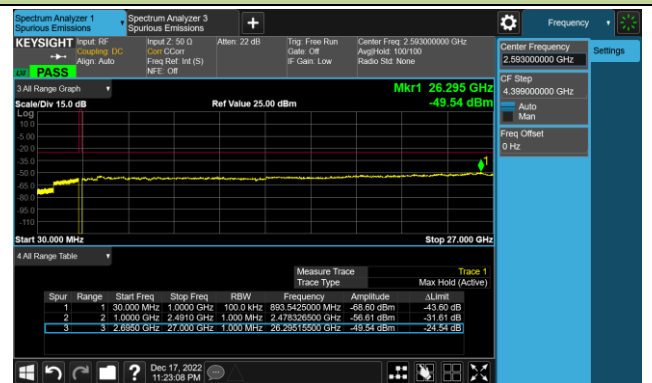


10MHz Channel Bandwidth

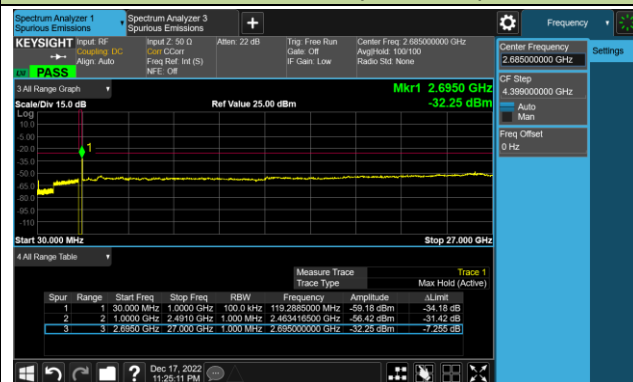
Channel 39700 (2501MHz)



Channel 40620 (2593MHz)

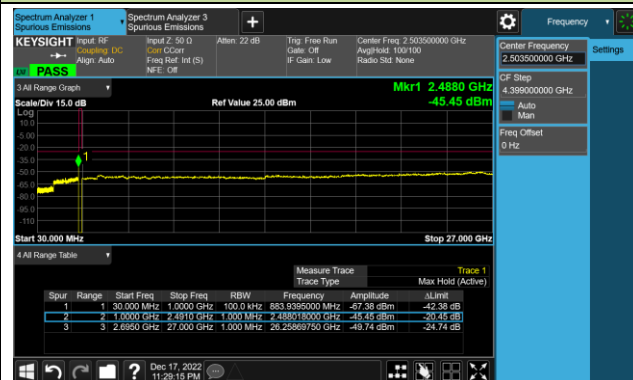


Channel 41540 (2685MHz)

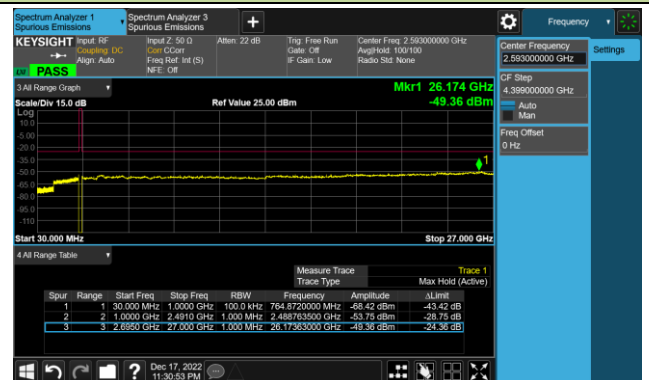


15MHz Channel Bandwidth

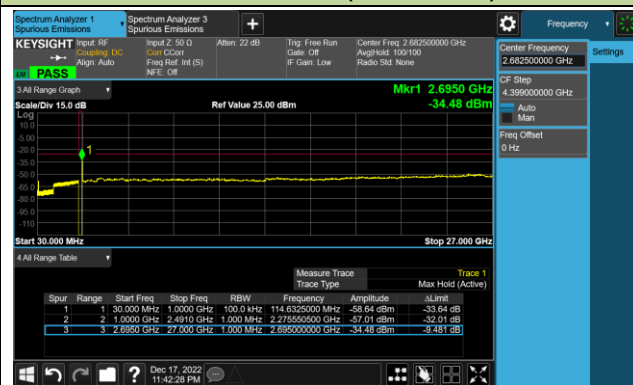
Channel 39725 (2503.5MHz)



Channel 40620 (2593MHz)

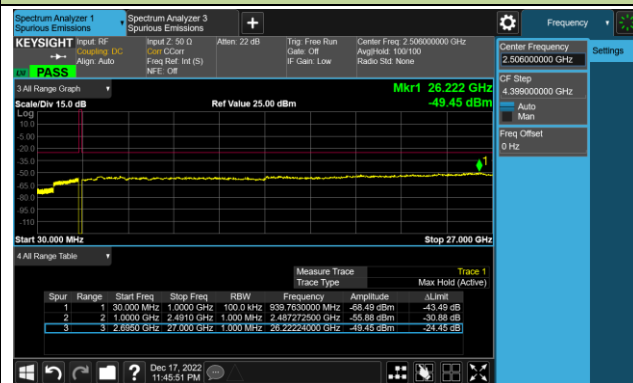


Channel 41515 (2682.5MHz)

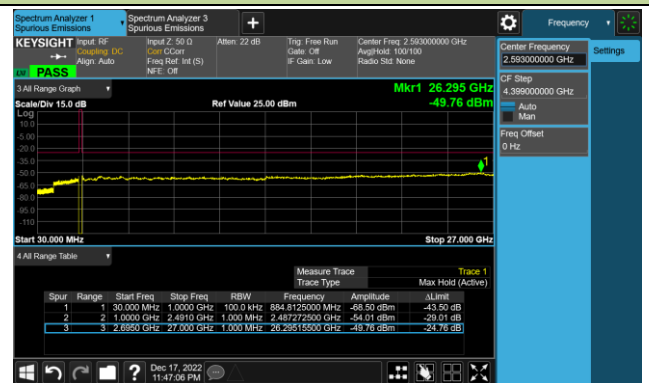


20MHz Channel Bandwidth

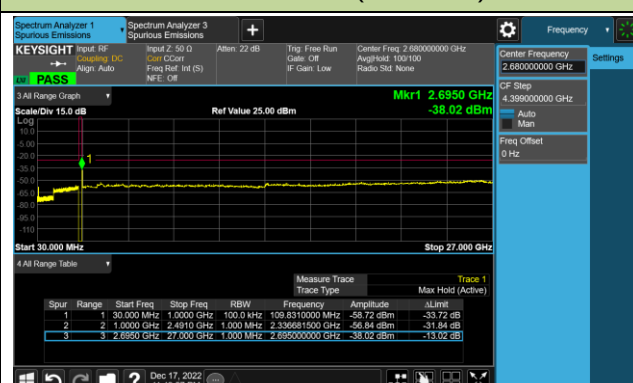
Channel 39750 (2506MHz)



Channel 40620 (2593MHz)



Channel 41490 (2680MHz)

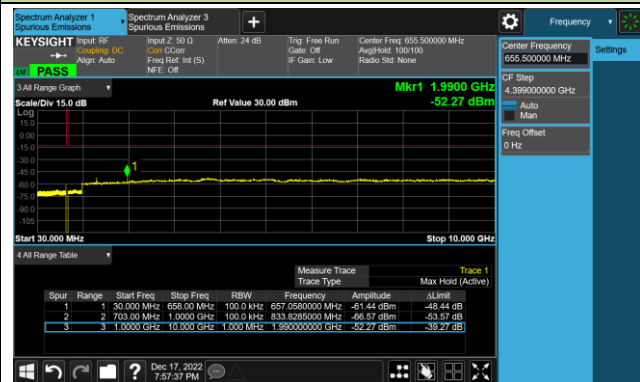


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022-12-17	Test Band	LTE Band 71, 1RB, QPSK

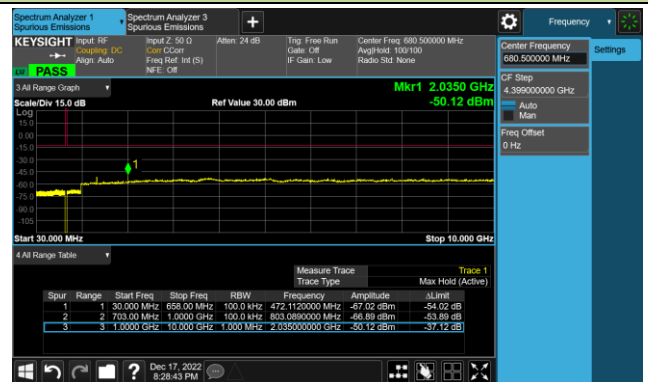
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
665.5	5	30 ~ 10000	-52.27	≤ -13.00	Pass
680.5	5	30 ~ 10000	-50.12	≤ -13.00	Pass
695.5	5	30 ~ 10000	-51.08	≤ -13.00	Pass
668.0	10	30 ~ 10000	-38.56	≤ -13.00	Pass
680.5	10	30 ~ 10000	-36.37	≤ -13.00	Pass
693.0	10	30 ~ 10000	-35.69	≤ -13.00	Pass
670.5	15	30 ~ 10000	-38.63	≤ -13.00	Pass
680.5	15	30 ~ 10000	-37.39	≤ -13.00	Pass
690.5	15	30 ~ 10000	-37.89	≤ -13.00	Pass
673.0	20	30 ~ 10000	-38.57	≤ -13.00	Pass
683.0	20	30 ~ 10000	-37.59	≤ -13.00	Pass
688.0	20	30 ~ 10000	-37.62	≤ -13.00	Pass

5MHz Channel Bandwidth

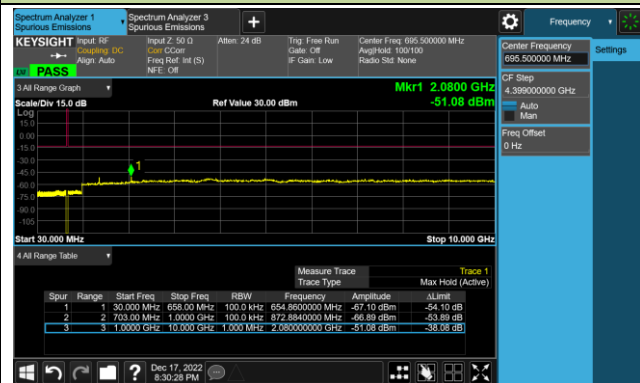
Channel 133147 (665.5MHz)



Channel 133297 (680.5MHz)

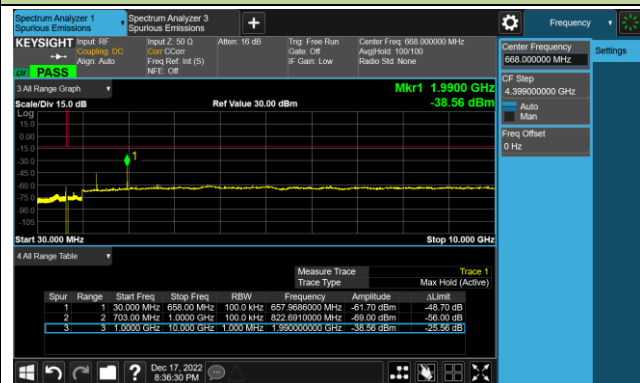


Channel 133447 (695.5MHz)

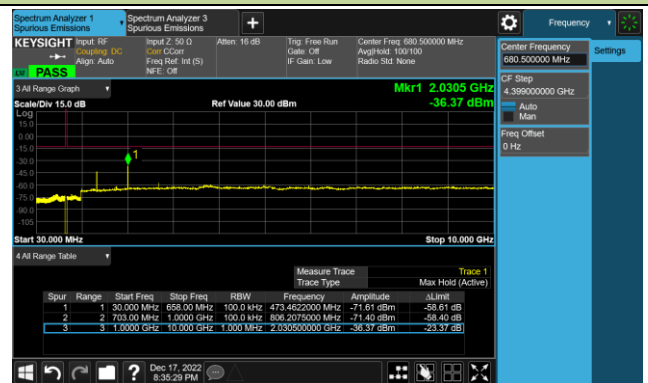


10MHz Channel Bandwidth

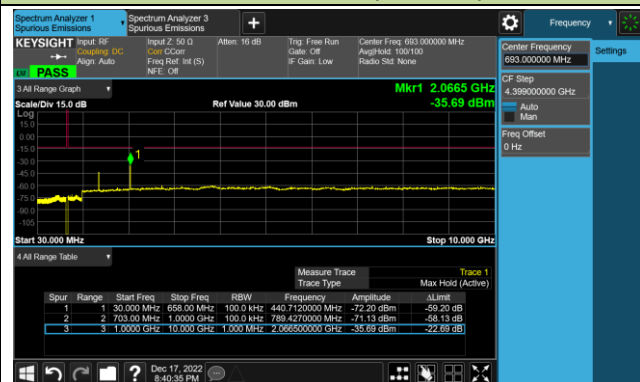
Channel 133172 (668.0MHz)



Channel 133297 (680.5MHz)

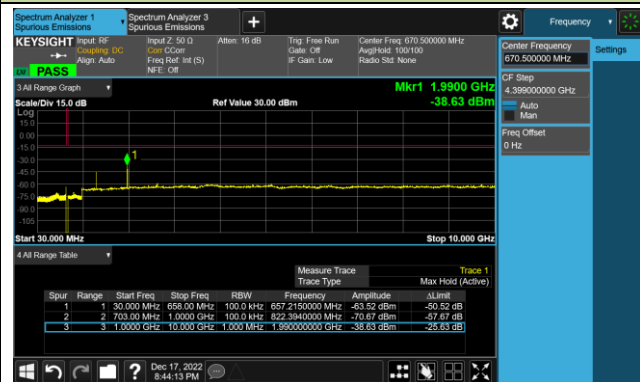


Channel 133422 (693MHz)

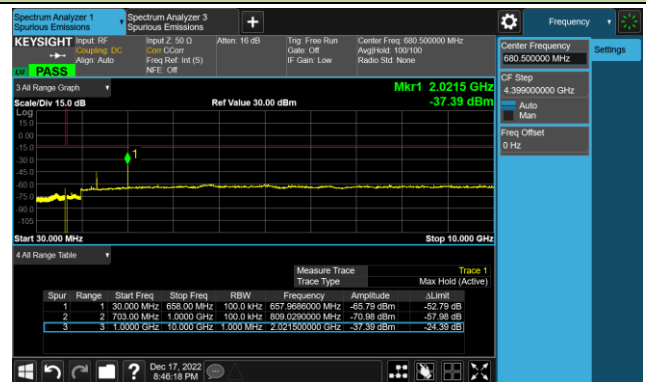


15MHz Channel Bandwidth

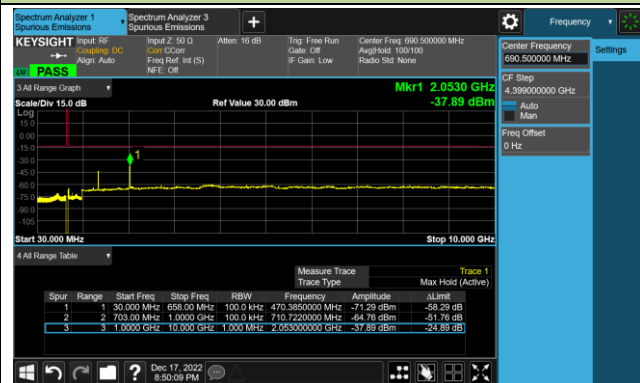
Channel 133197 (670.5MHz)



Channel 133297 (680.5MHz)

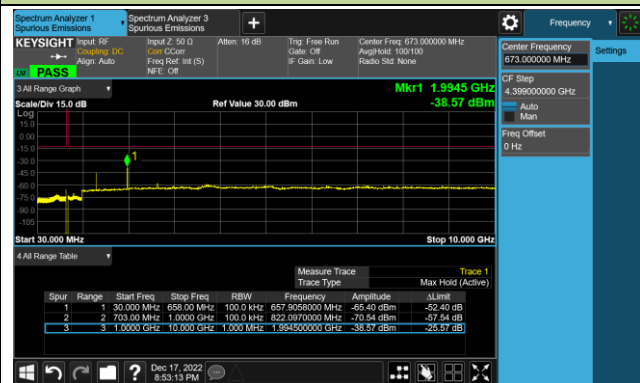


Channel 133397 (690.5MHz)

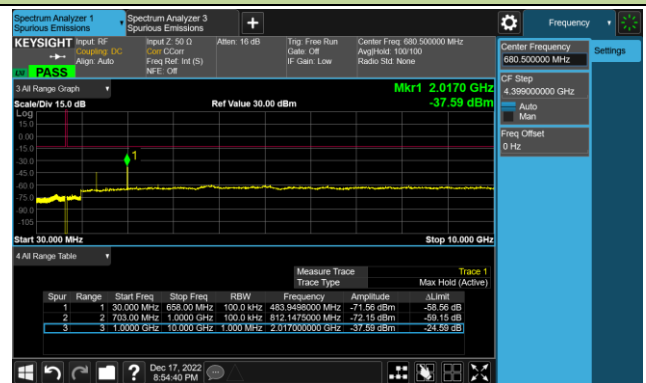


20MHz Channel Bandwidth

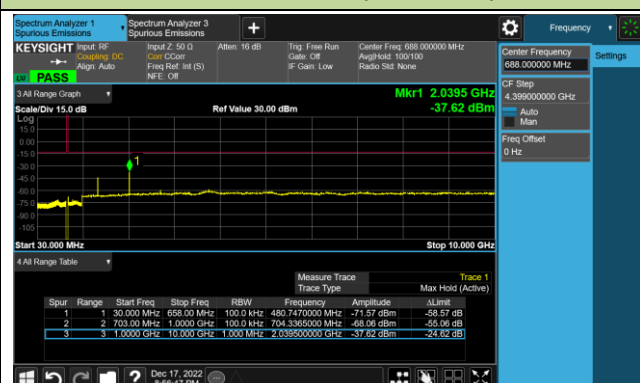
Channel 133222 (673.0MHz)



Channel 133322 (683.0MHz)



Channel 133372 (688.0MHz)

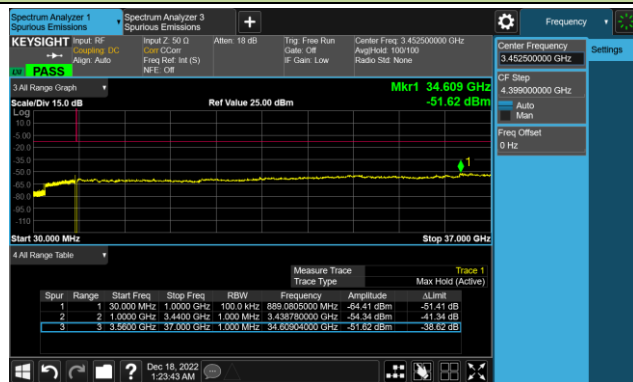


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022-12-18	Test Band	LTE Band 42_HPUE, 1RB, QPSK

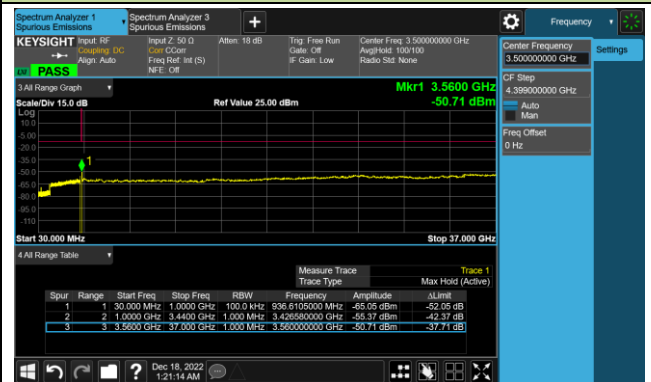
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
3452.50	5	30 ~ 37000	-51.62	≤ -13.00	Pass
3500.00	5	30 ~ 37000	-50.71	≤ -13.00	Pass
3547.50	5	30 ~ 37000	-41.81	≤ -13.00	Pass
3455.00	10	30 ~ 37000	-52.15	≤ -13.00	Pass
3500.00	10	30 ~ 37000	-51.66	≤ -13.00	Pass
3545.00	10	30 ~ 37000	-51.56	≤ -13.00	Pass
3457.50	15	30 ~ 37000	-40.66	≤ -13.00	Pass
3500.00	15	30 ~ 37000	-52.03	≤ -13.00	Pass
3542.50	15	30 ~ 37000	-43.54	≤ -13.00	Pass
3460.00	20	30 ~ 37000	-40.83	≤ -13.00	Pass
3500.00	20	30 ~ 37000	-52.23	≤ -13.00	Pass
3540.00	20	30 ~ 37000	-48.65	≤ -13.00	Pass

5MHz Channel Bandwidth

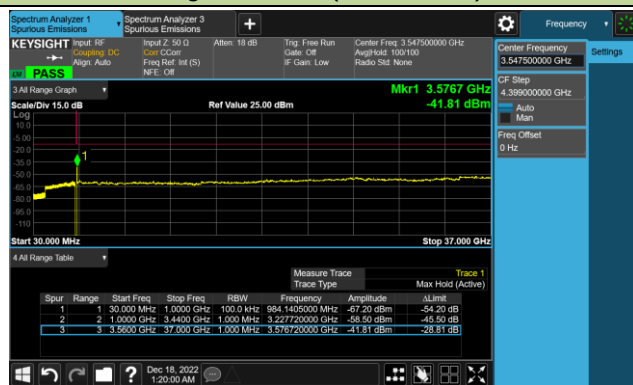
Low Channel (3452.5MHz)



Middle Channel (3500MHz)

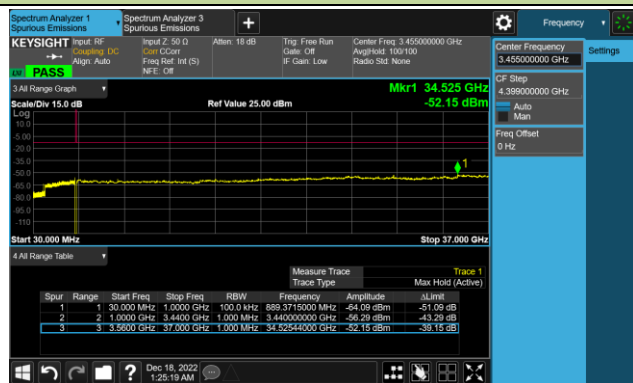


High Channel (3547.5MHz)

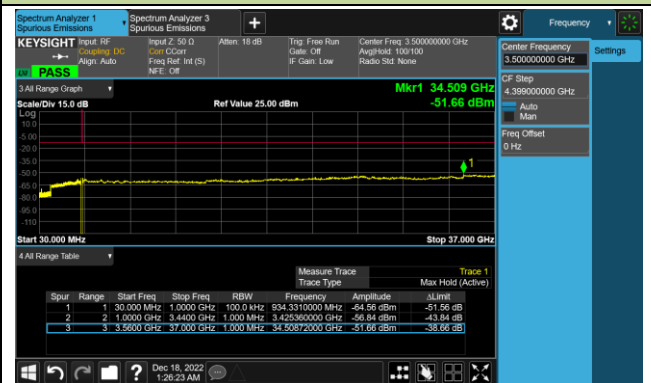


10MHz Channel Bandwidth

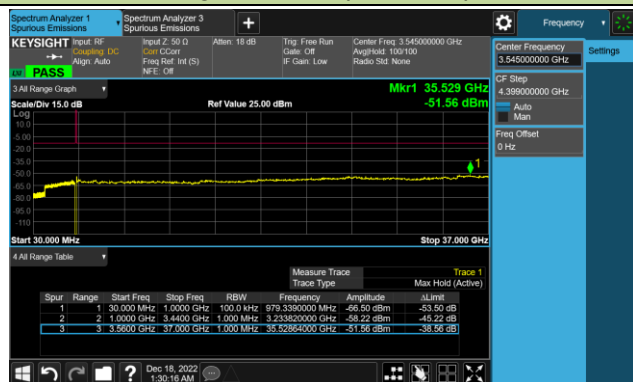
Low Channel (3455MHz)



Middle Channel (3500MHz)

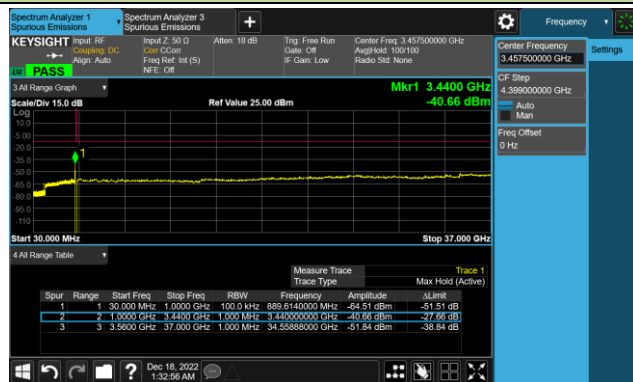


High Channel (3445MHz)

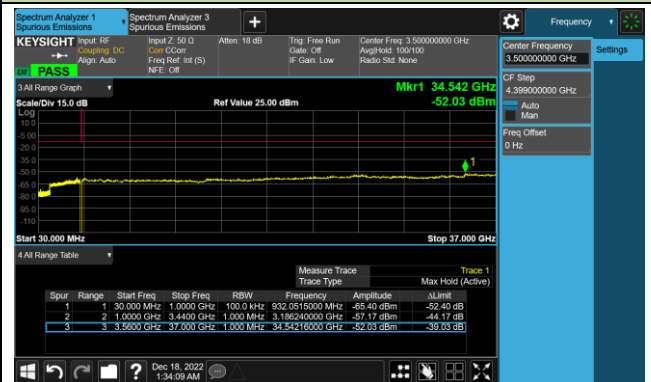


15MHz Channel Bandwidth

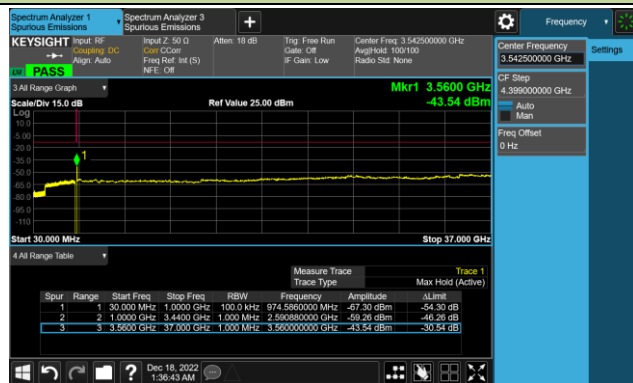
Low Channel (3457.5MHz)



Middle Channel (3500MHz)

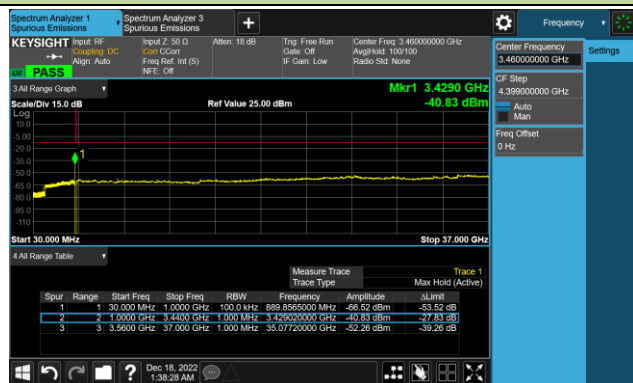


High Channel (3542.5MHz)

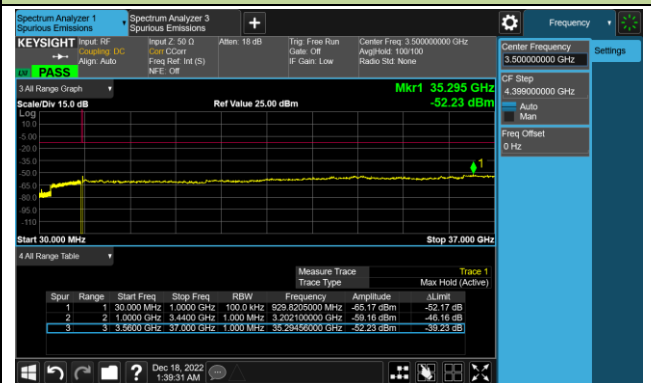


20MHz Channel Bandwidth

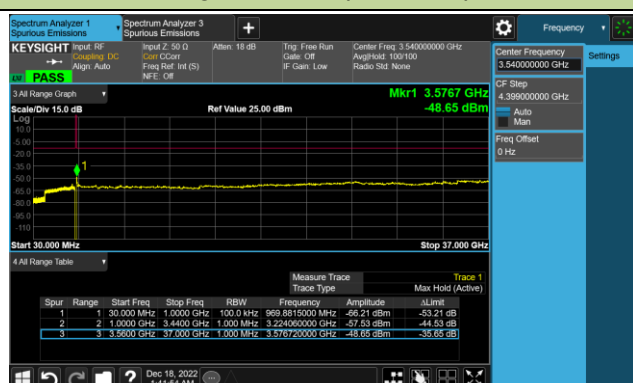
Low Channel (3460MHz)



Middle Channel (3500MHz)



High Channel (3540MHz)

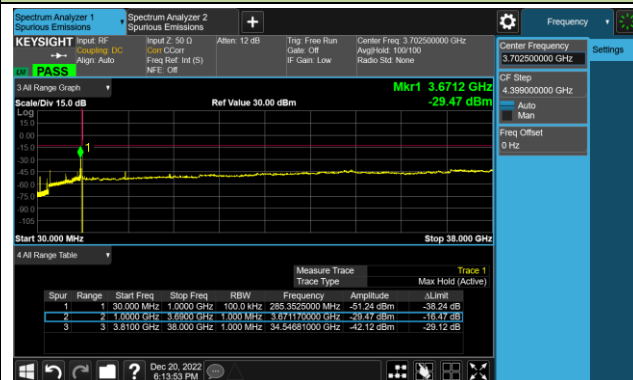


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022-12-20	Test Band	LTE Band 43_HPUE, 1RB, QPSK

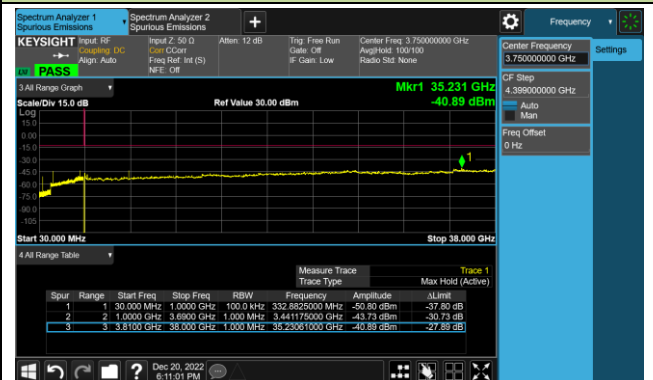
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
3702.50	5	30 ~ 38000	-29.47	≤ -13.00	Pass
3750.00	5	30 ~ 38000	-40.89	≤ -13.00	Pass
3797.50	5	30 ~ 38000	-18.88	≤ -13.00	Pass
3705.00	10	30 ~ 38000	-25.98	≤ -13.00	Pass
3750.00	10	30 ~ 38000	-34.01	≤ -13.00	Pass
3795.00	10	30 ~ 38000	-14.38	≤ -13.00	Pass
3707.50	15	30 ~ 38000	-31.81	≤ -13.00	Pass
3750.00	15	30 ~ 38000	-34.17	≤ -13.00	Pass
3792.50	15	30 ~ 38000	-28.75	≤ -13.00	Pass
3710.00	20	30 ~ 38000	-32.08	≤ -13.00	Pass
3750.00	20	30 ~ 38000	-31.68	≤ -13.00	Pass
3790.00	20	30 ~ 38000	-26.35	≤ -13.00	Pass

5MHz Channel Bandwidth

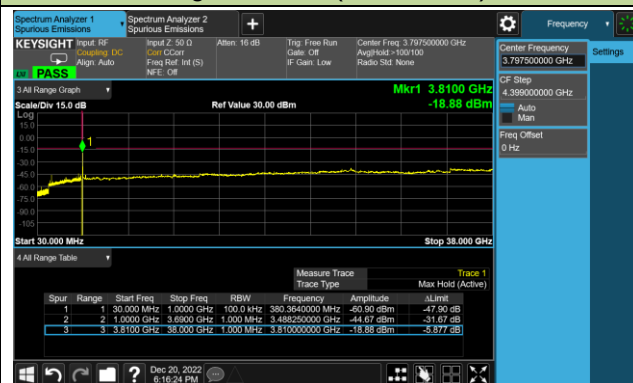
Low Channel (3702.5MHz)



Middle Channel (3750MHz)

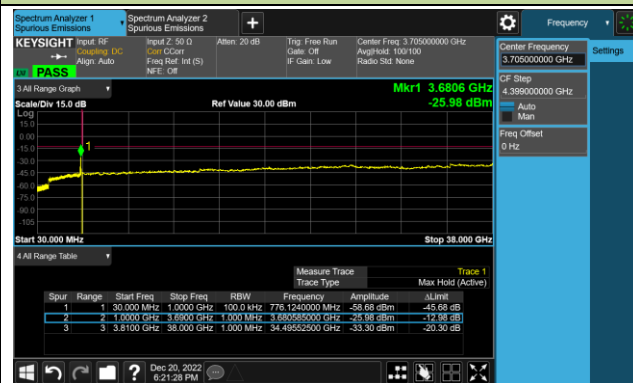


High Channel (3797.5MHz)

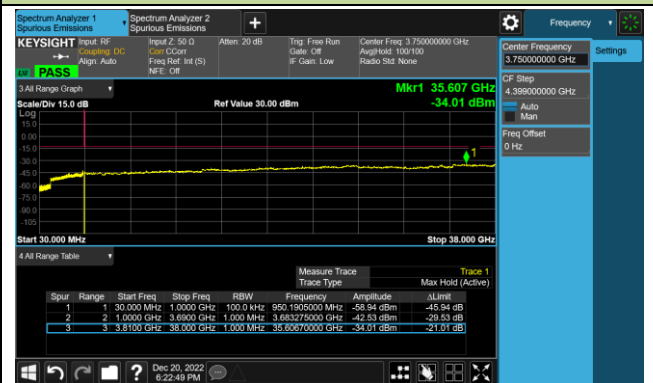


10MHz Channel Bandwidth

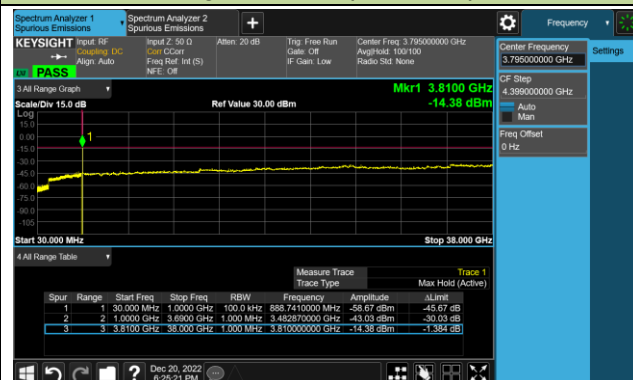
Low Channel (3705MHz)



Middle Channel (3750MHz)

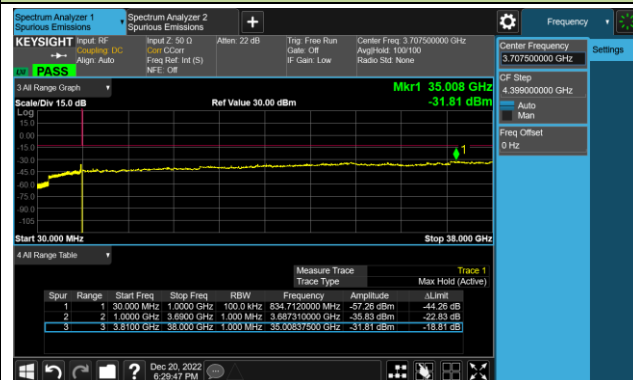


High Channel (3795MHz)

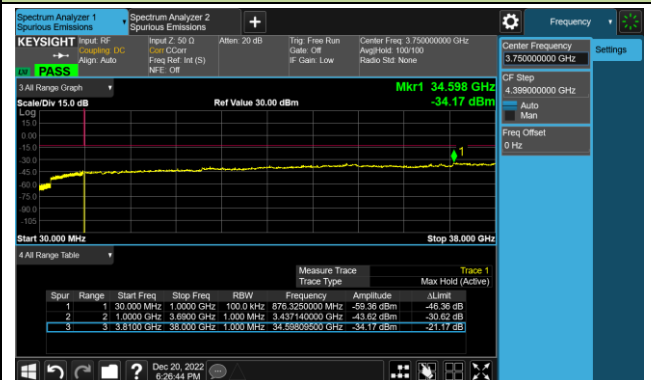


15MHz Channel Bandwidth

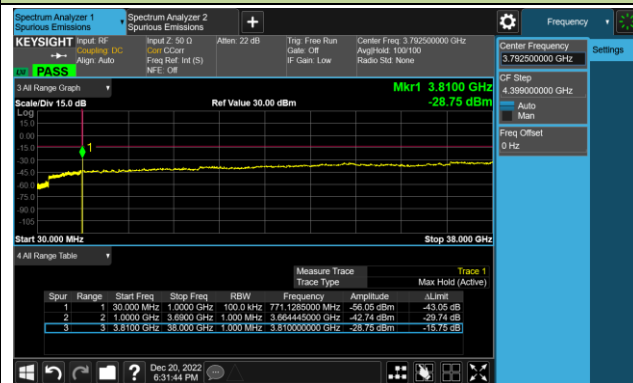
Low Channel (3757.5MHz)



Middle Channel (3750MHz)

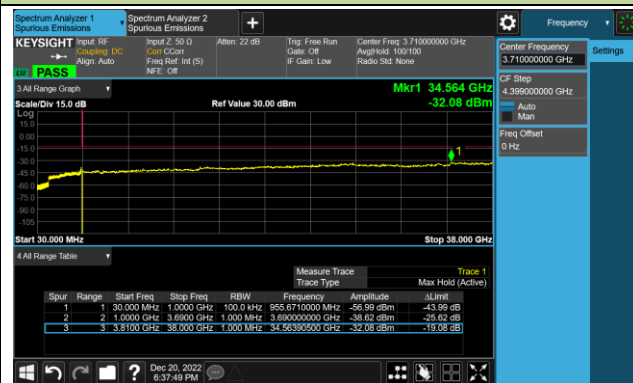


High Channel (3792.5MHz)

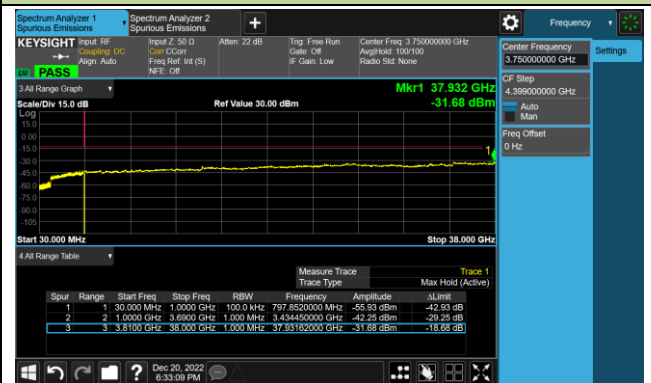


20MHz Channel Bandwidth

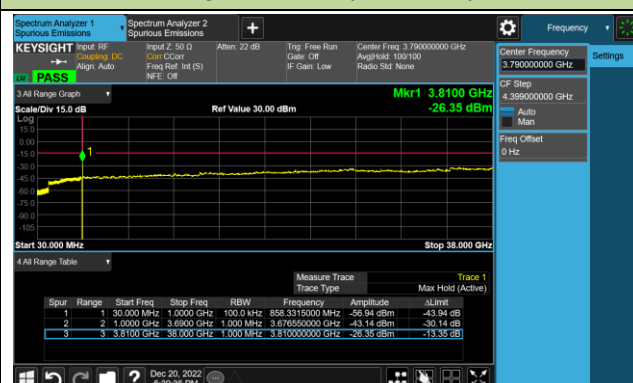
Low Channel (3710MHz)



Middle Channel (3750MHz)



High Channel (3790MHz)

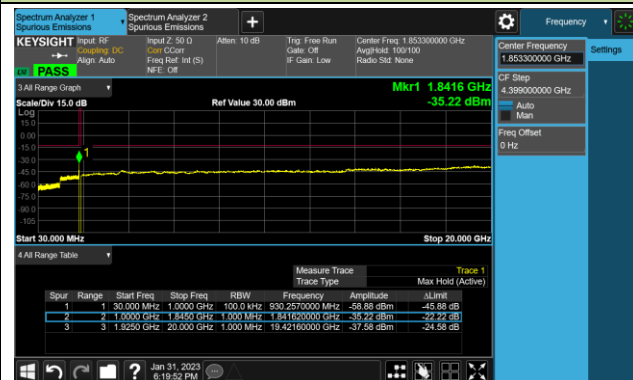


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2023-01-31	Test Band	Intra-Band CA_2C, 1RB, QPSK

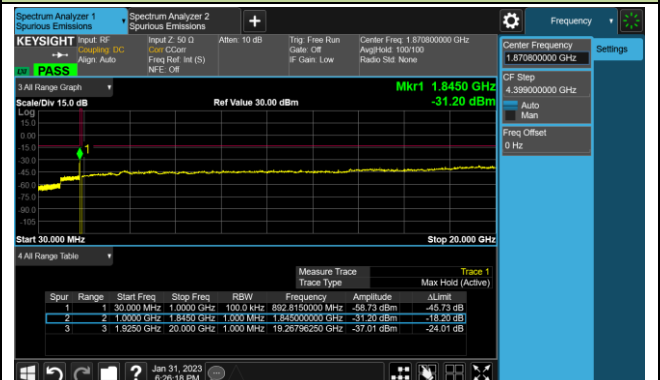
Frequency (MHz)		Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
PCC	SCC					
1853.3	1865.0	5+20	30 ~ 20000	-35.22	≤ -13.00	Pass
1870.8	1882.5	5+20	30 ~ 20000	-31.20	≤ -13.00	Pass
1888.3	1900.0	5+20	30 ~ 20000	-37.78	≤ -13.00	Pass
1860.0	1871.7	20+5	30 ~ 20000	-20.50	≤ -13.00	Pass
1877.5	1889.2	20+5	30 ~ 20000	-32.51	≤ -13.00	Pass
1895.0	1906.7	20+5	30 ~ 20000	-37.67	≤ -13.00	Pass
1855.3	1867.3	10+15	30 ~ 20000	-23.74	≤ -13.00	Pass
1872.9	1884.9	10+15	30 ~ 20000	-25.65	≤ -13.00	Pass
1890.5	1902.5	10+15	30 ~ 20000	-39.29	≤ -13.00	Pass
1857.5	1869.5	15+10	30 ~ 20000	-25.48	≤ -13.00	Pass
1875.1	1887.1	15+10	30 ~ 20000	-25.16	≤ -13.00	Pass
1892.7	1904.7	15+10	30 ~ 20000	-37.21	≤ -13.00	Pass
1855.5	1869.9	10+20	30 ~ 20000	-24.17	≤ -13.00	Pass
1870.6	1885.0	10+20	30 ~ 20000	-24.37	≤ -13.00	Pass
1885.6	1900.0	10+20	30 ~ 20000	-37.44	≤ -13.00	Pass
1860.0	1874.4	20+10	30 ~ 20000	-20.13	≤ -13.00	Pass
1875.1	1889.5	20+10	30 ~ 20000	-36.98	≤ -13.00	Pass
1890.1	1904.5	20+10	30 ~ 20000	-29.42	≤ -13.00	Pass
1857.5	1872.5	15+15	30 ~ 20000	-25.18	≤ -13.00	Pass
1872.5	1887.5	15+15	30 ~ 20000	-24.41	≤ -13.00	Pass
1887.5	1902.5	15+15	30 ~ 20000	-36.73	≤ -13.00	Pass
1857.8	1874.9	15+20	30 ~ 20000	-24.84	≤ -13.00	Pass
1870.3	1887.4	15+20	30 ~ 20000	-24.45	≤ -13.00	Pass
1882.9	1900.0	15+20	30 ~ 20000	-36.70	≤ -13.00	Pass
1860.0	1877.1	20+15	30 ~ 20000	-21.55	≤ -13.00	Pass
1872.6	1889.7	20+15	30 ~ 20000	-24.34	≤ -13.00	Pass
1885.1	1902.2	20+15	30 ~ 20000	-19.10	≤ -13.00	Pass
1860.0	1879.8	20+20	30 ~ 20000	-25.69	≤ -13.00	Pass
1870.1	1889.9	20+20	30 ~ 20000	-28.78	≤ -13.00	Pass
1880.2	1900.0	20+20	30 ~ 20000	-35.45	≤ -13.00	Pass

5+20MHz Channel Bandwidth

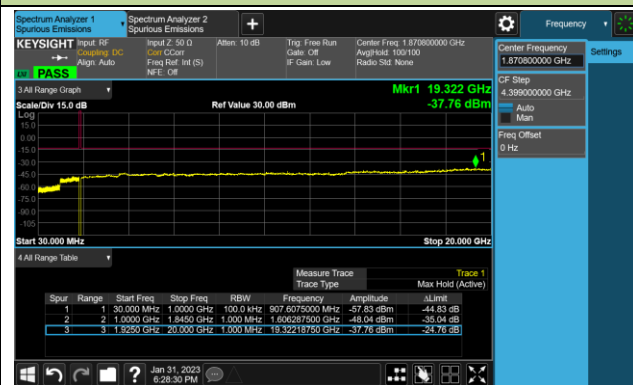
Lowest Channel



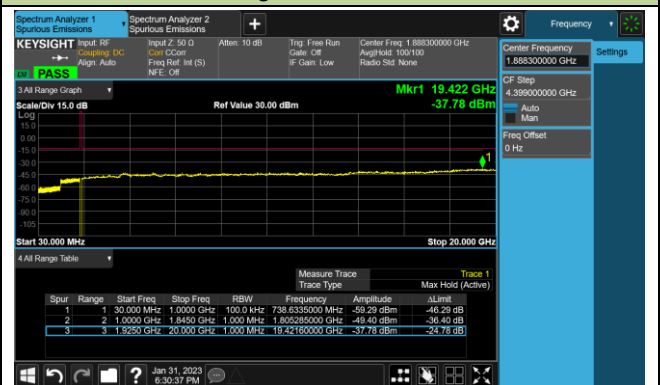
Middle Channel/1RB@0 and 1RB@99



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

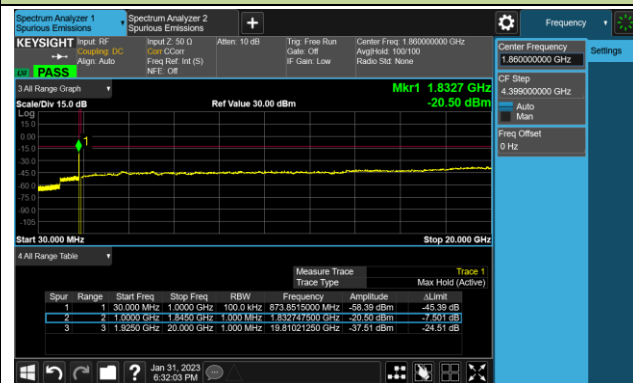


Highest Channel

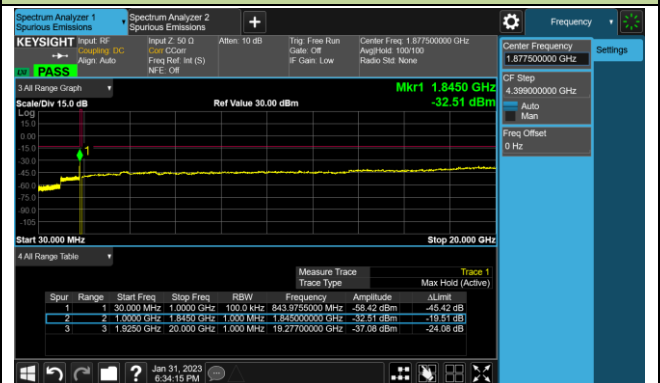


20+5MHz Channel Bandwidth

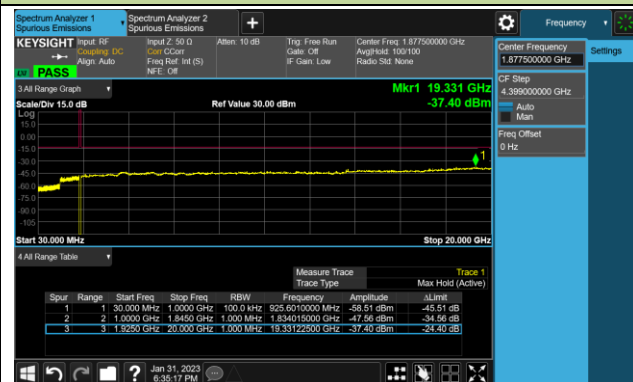
Lowest Channel



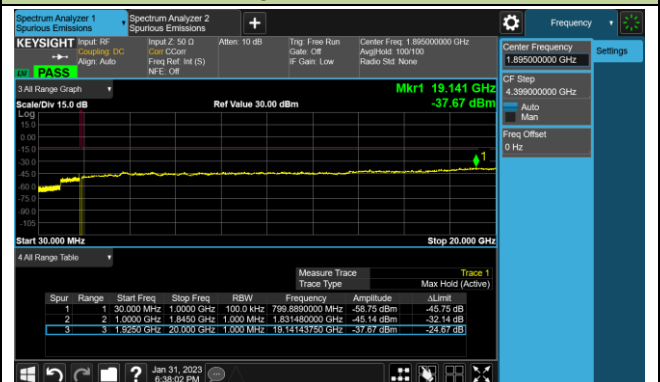
Middle Channel/1RB@0 and 1RB@24



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

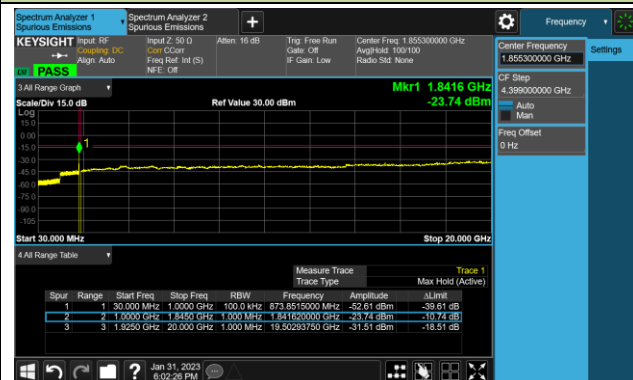


Highest Channel

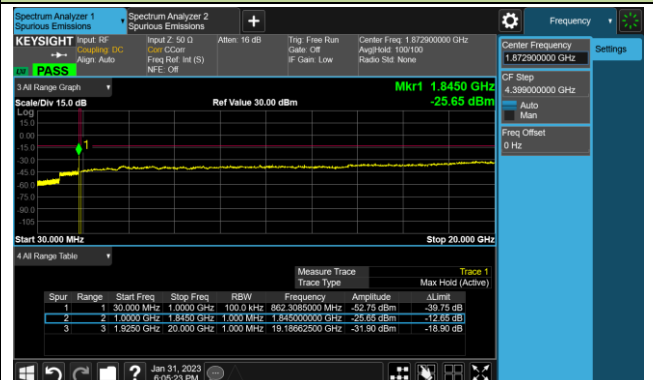


10+15MHz Channel Bandwidth

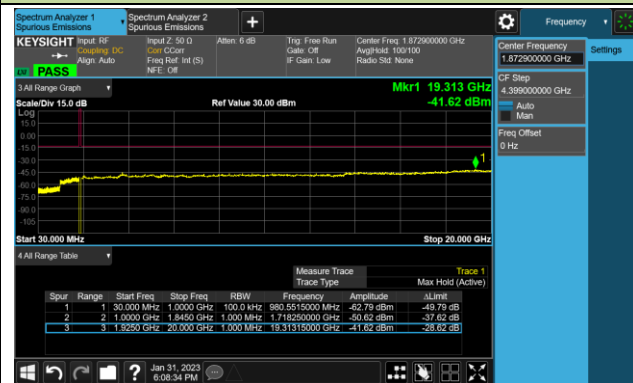
Lowest Channel



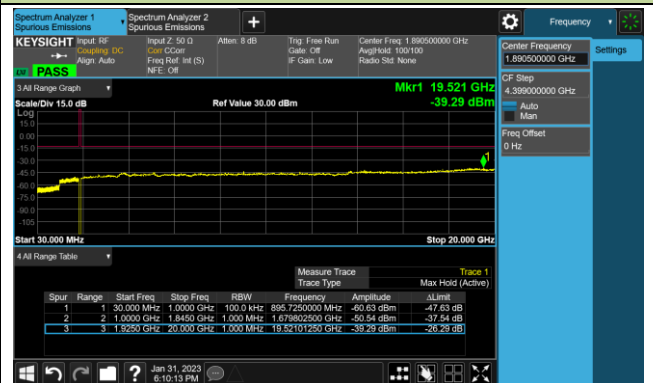
Middle Channel/1RB@0 and 1RB@74



Middle Channel/1RB@49 and 1RB@0

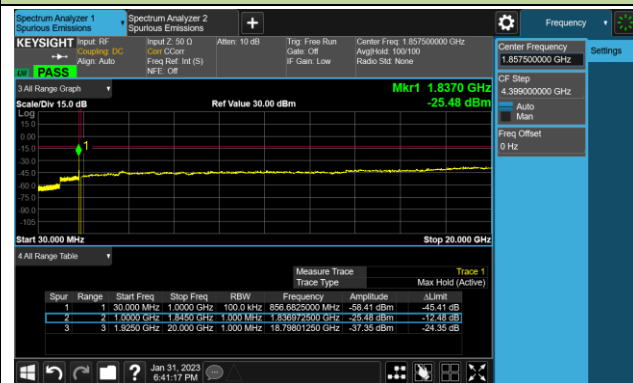


Highest Channel

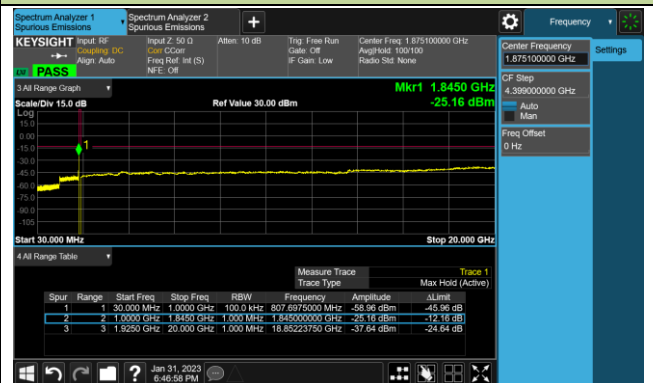


15+10MHz Channel Bandwidth

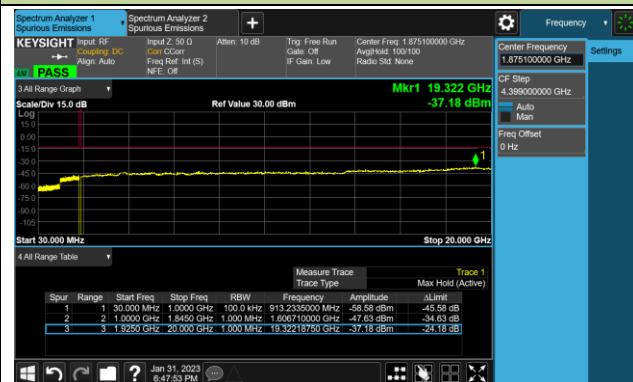
Lowest Channel



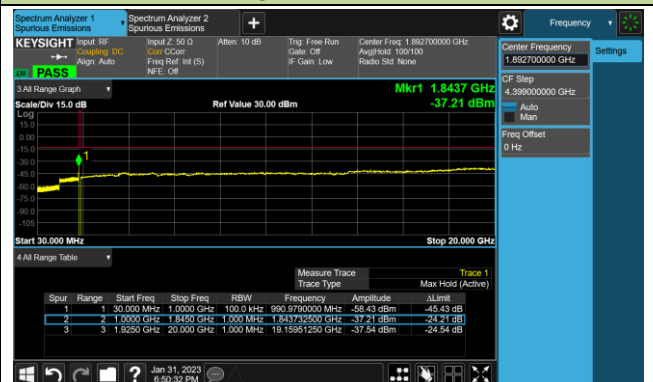
Middle Channel/1RB@0 and 1RB@49



Middle Channel/1RB@74 and 1RB@0

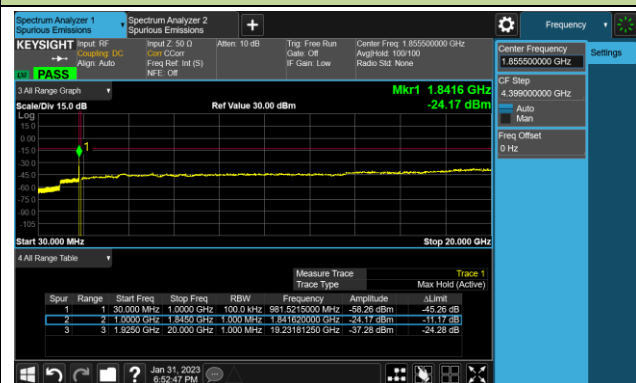


Highest Channel

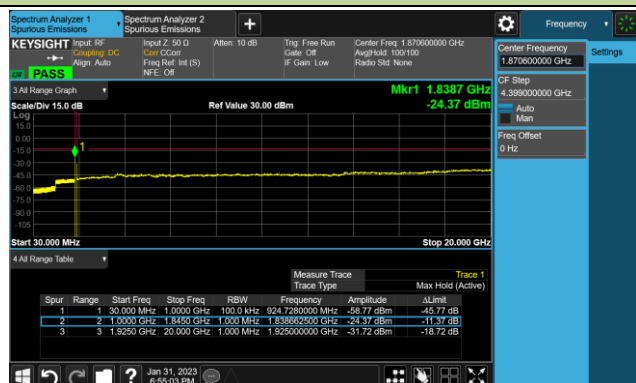


10+20MHz Channel Bandwidth

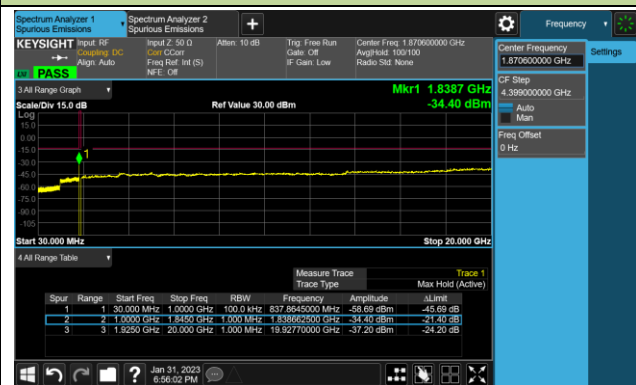
Lowest Channel



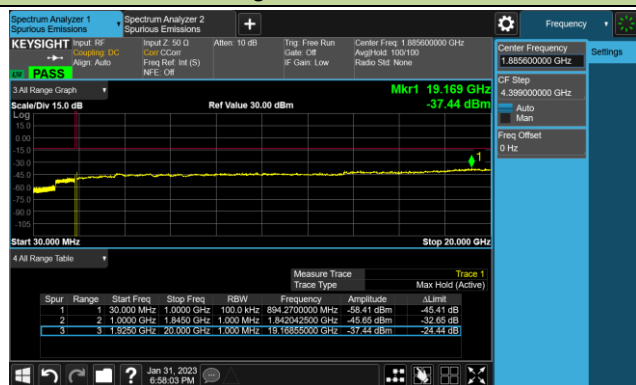
Middle Channel/1RB@0 and 1RB@99



Middle Channel/1RB@49 and 1RB@0

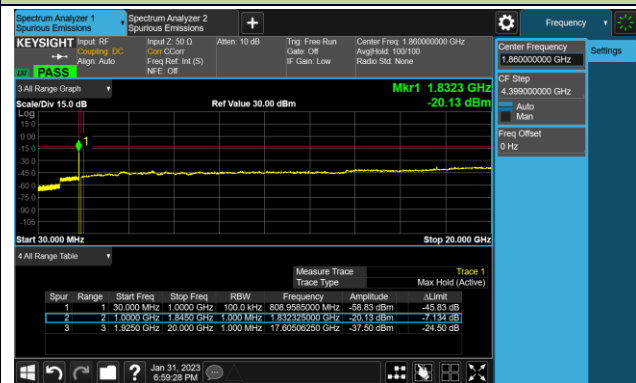


Highest Channel

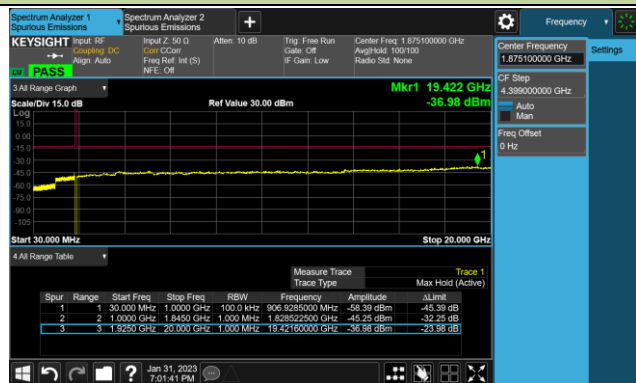


20+10MHz Channel Bandwidth

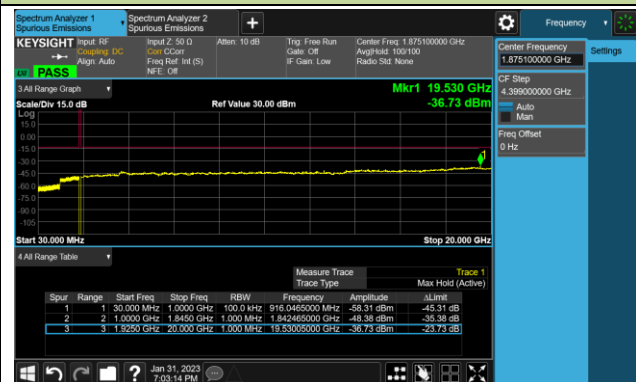
Lowest Channel



Middle Channel/1RB@0 and 1RB@49



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



Highest Channel

