

5.7.4. Test Setup



5.7.5.Test Result

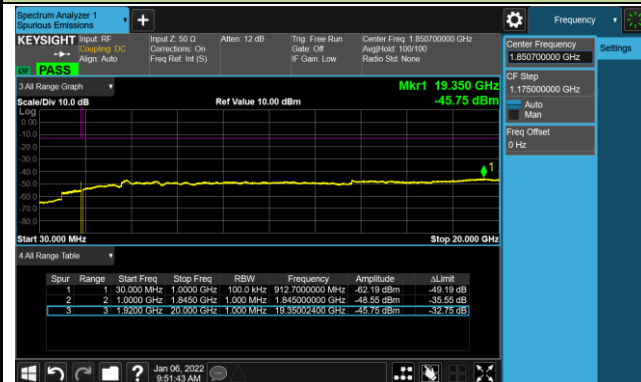
Product	Mobile Computer	Test Site	SIP-SR1
Test Engineer	Candy Luo	Test Date	2021/12/22~2022/01/06
Test Band	LTE Band 2/25_1RB_QPSK		

Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
26047	1850.7	1.4	30 ~ 20000	-45.75	≤ -13.00	Pass
26365	1882.5	1.4	30 ~ 20000	-39.43	≤ -13.00	Pass
26683	1914.3	1.4	30 ~ 20000	-45.72	≤ -13.00	Pass
26055	1851.5	3	30 ~ 20000	-39.31	≤ -13.00	Pass
26365	1882.5	3	30 ~ 20000	-39.47	≤ -13.00	Pass
26675	1913.5	3	30 ~ 20000	-39.30	≤ -13.00	Pass
26065	1852.5	5	30 ~ 20000	-44.61	≤ -13.00	Pass
26365	1882.5	5	30 ~ 20000	-39.45	≤ -13.00	Pass
26665	1912.5	5	30 ~ 20000	-31.76	≤ -13.00	Pass
16390	1855.0	10	30 ~ 20000	-32.02	≤ -13.00	Pass
26365	1882.5	10	30 ~ 20000	-38.46	≤ -13.00	Pass
26640	1910.0	10	30 ~ 20000	-39.44	≤ -13.00	Pass
26115	1857.5	15	30 ~ 20000	-39.02	≤ -13.00	Pass
26365	1882.5	15	30 ~ 20000	-39.39	≤ -13.00	Pass
26615	1907.5	15	30 ~ 20000	-39.43	≤ -13.00	Pass
26140	1860.0	20	30 ~ 20000	-39.49	≤ -13.00	Pass
26365	1882.5	20	30 ~ 20000	-39.38	≤ -13.00	Pass
26590	1905.0	20	30 ~ 20000	-39.41	≤ -13.00	Pass

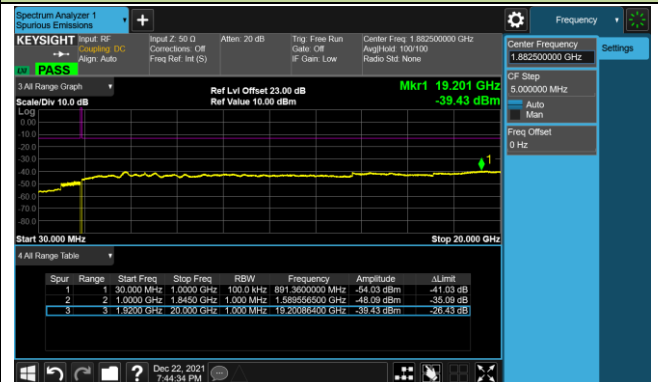
Note: Spurious emissions within 9kHz – 30MHz were found more than 20dB below limit line.

1.4MHz Channel Bandwidth

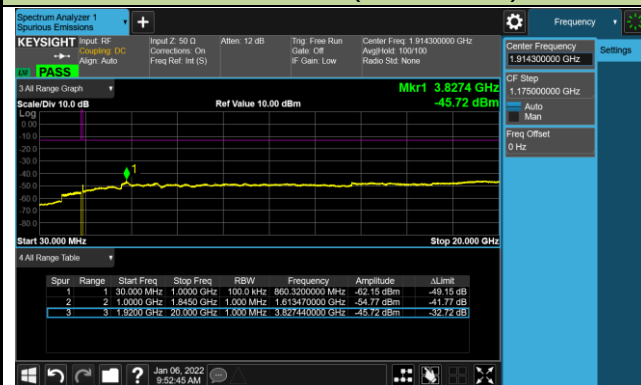
Channel 26047 (1850.7MHz)



Channel 26365 (1882.5MHz)

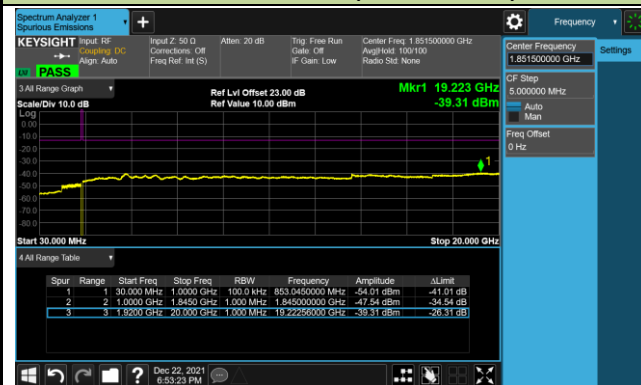


Channel 26683 (1914.3MHz)

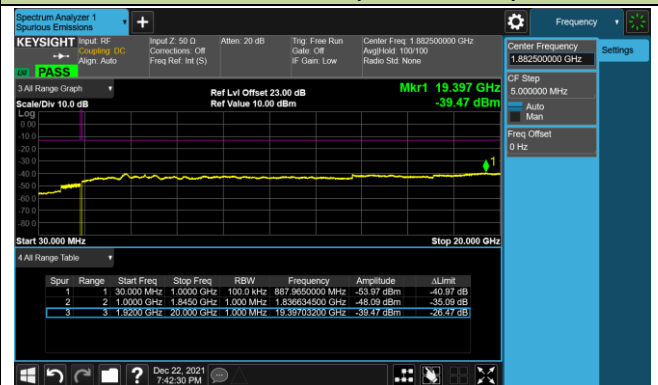


3MHz Channel Bandwidth

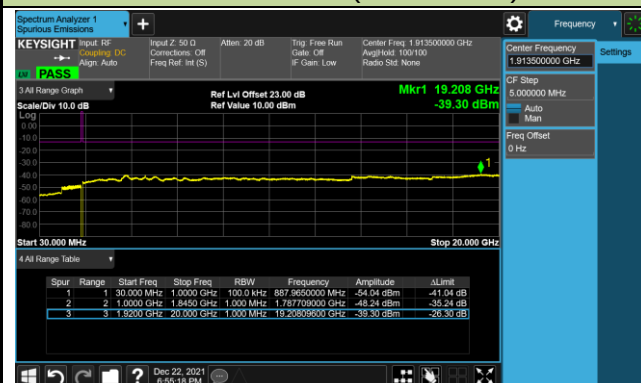
Channel 26055 (1851.5MHz)



Channel 26365 (1882.5MHz)

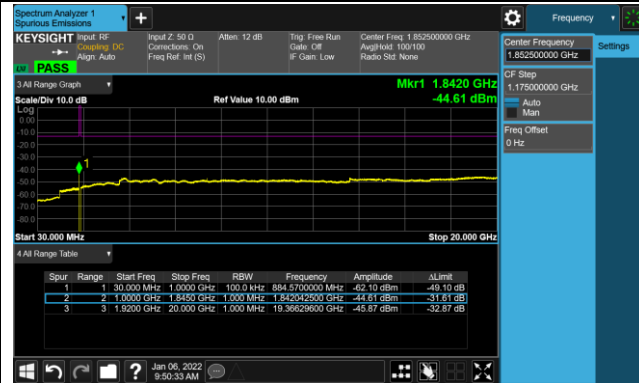


Channel 26675 (1913.5MHz)

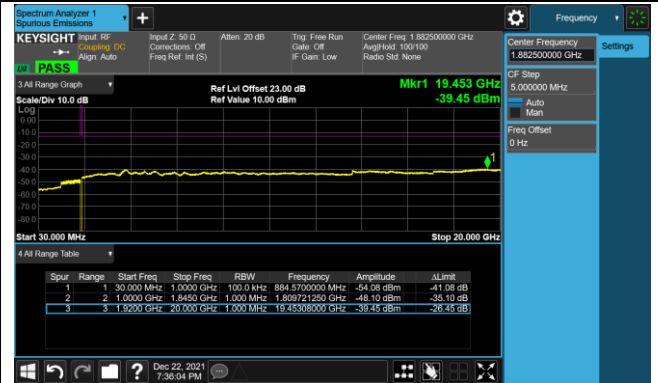


5MHz Channel Bandwidth

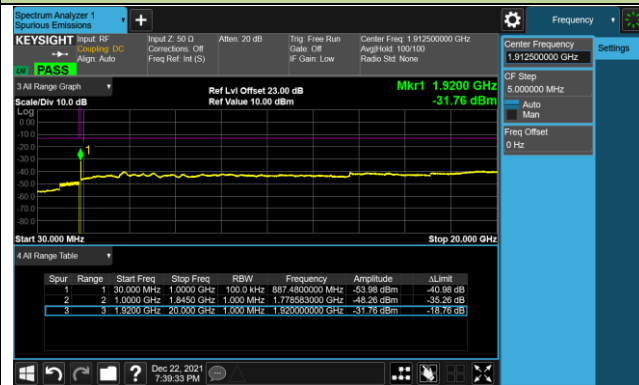
Channel 26065 (1852.5MHz)



Channel 26365 (1882.5MHz)

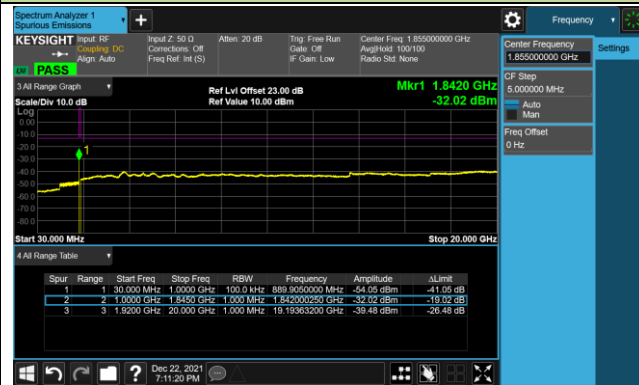


Channel 26665 (1912.5MHz)

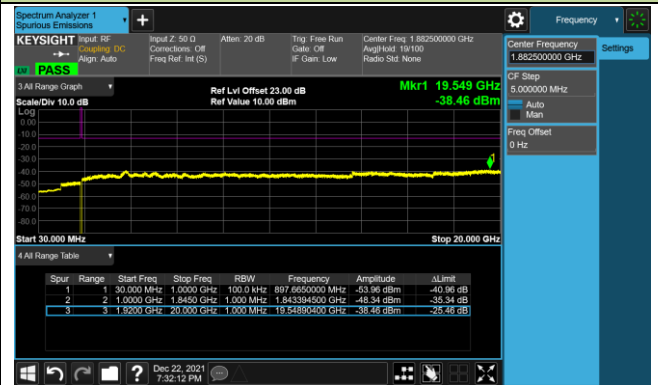


10MHz Channel Bandwidth

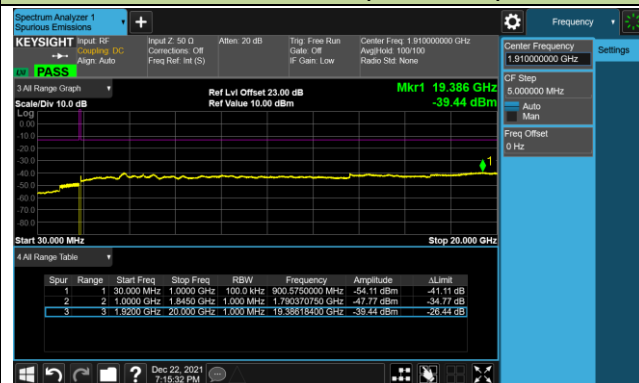
Channel 16390 (1855MHz)



Channel 26365 (1882.5MHz)

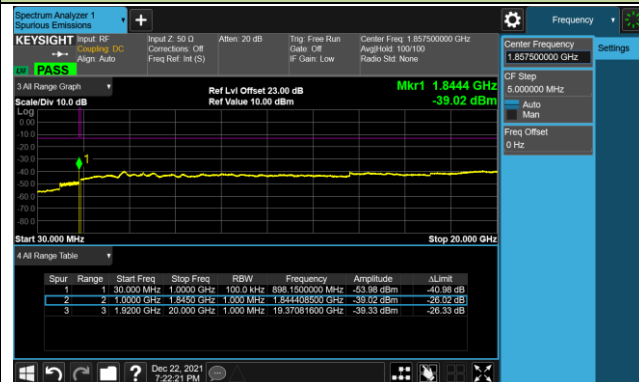


Channel 26640 (1910MHz)

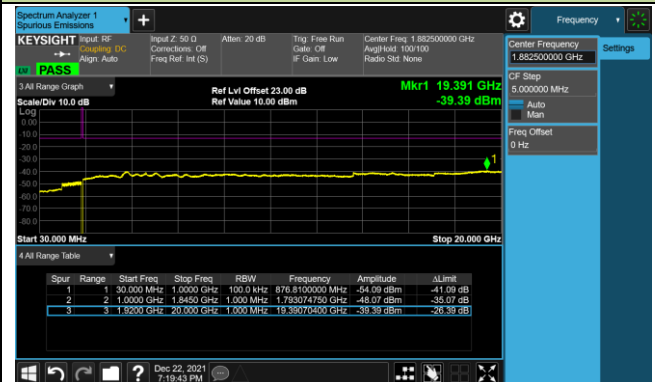


15MHz Channel Bandwidth

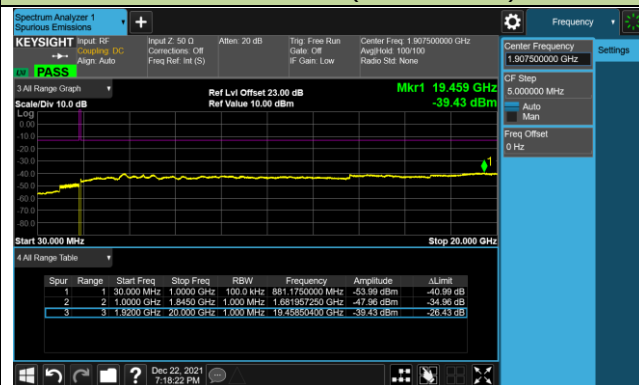
Channel 26115 (1857MHz)



Channel 26365 (1882.5MHz)

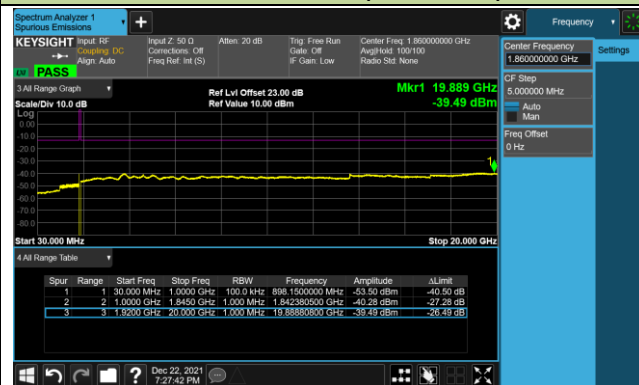


Channel 26615 (1907.5MHz)

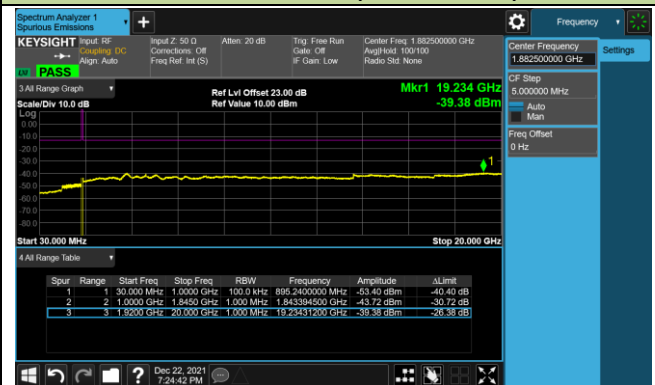


20MHz Channel Bandwidth

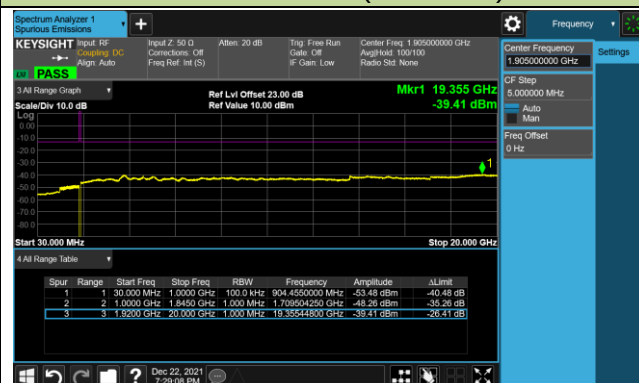
Channel 26140 (1860MHz)



Channel 26365 (1882.5MHz)



Channel 26590 (1905MHz)



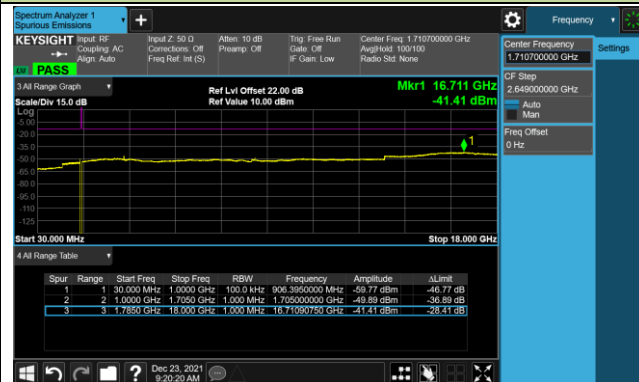
Product	Mobile Computer	Test Site	SIP-SR1
Test Engineer	Candy Luo	Test Date	2021/12/23~2022/01/06
Test Band	LTE Band 4/66_1RB_QPSK		

Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
131979	1710.7	1.4	30 ~ 20000	-41.41	≤ -13.00	Pass
132322	1745.0	1.4	30 ~ 20000	-41.67	≤ -13.00	Pass
132665	1779.3	1.4	30 ~ 20000	-43.62	≤ -13.00	Pass
131987	1711.5	3	30 ~ 20000	-41.61	≤ -13.00	Pass
132322	1745.0	3	30 ~ 20000	-41.60	≤ -13.00	Pass
132657	1778.5	3	30 ~ 20000	-41.66	≤ -13.00	Pass
131997	1712.5	5	30 ~ 20000	-41.38	≤ -13.00	Pass
132322	1745.0	5	30 ~ 20000	-41.58	≤ -13.00	Pass
132647	1777.5	5	30 ~ 20000	-37.32	≤ -13.00	Pass
132022	1715.0	10	30 ~ 20000	-41.21	≤ -13.00	Pass
132322	1745.0	10	30 ~ 20000	-41.25	≤ -13.00	Pass
132622	1775.0	10	30 ~ 20000	-33.93	≤ -13.00	Pass
132047	1717.5	15	30 ~ 20000	-37.75	≤ -13.00	Pass
132322	1745.0	15	30 ~ 20000	-38.72	≤ -13.00	Pass
132597	1772.5	15	30 ~ 20000	-37.72	≤ -13.00	Pass
132072	1720.0	20	30 ~ 20000	-37.77	≤ -13.00	Pass
132322	1745.0	20	30 ~ 20000	-37.11	≤ -13.00	Pass
132572	1770.0	20	30 ~ 20000	-37.85	≤ -13.00	Pass

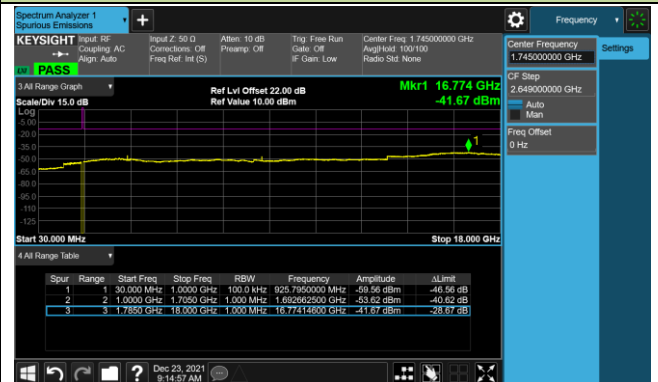
Note: Spurious emissions within 9kHz – 30MHz were found more than 20dB below limit line.

1.4MHz Channel Bandwidth

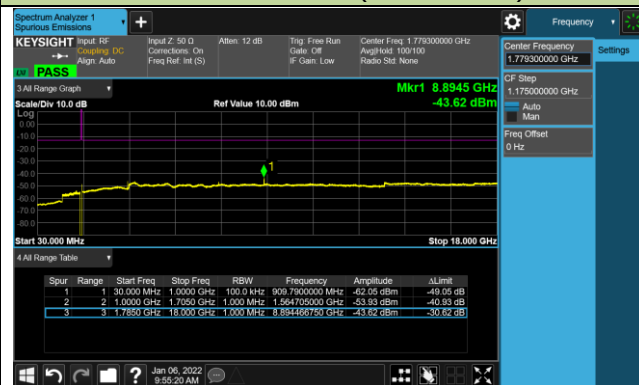
Channel 131979 (1710.7MHz)



Channel 132322 (1745MHz)

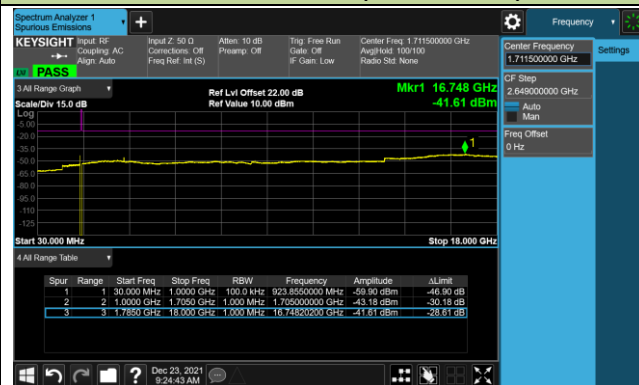


Channel 132665 (1779.3MHz)

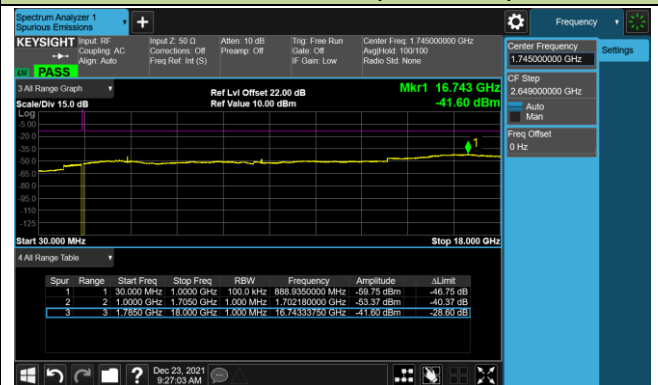


3MHz Channel Bandwidth

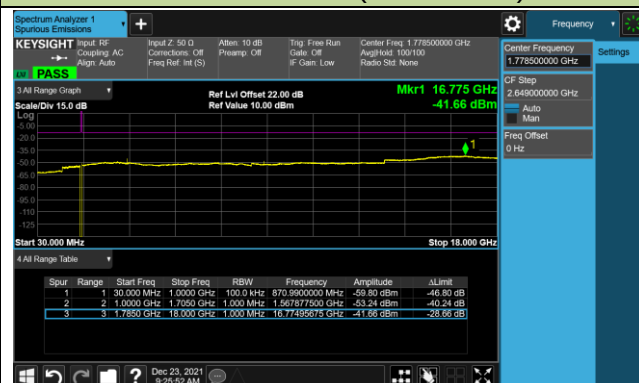
Channel 131987 (1711.5MHz)



Channel 132322 (1745MHz)

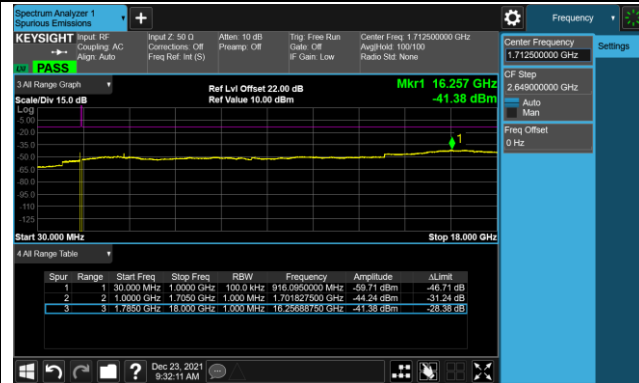


Channel 132657 (1778.5MHz)

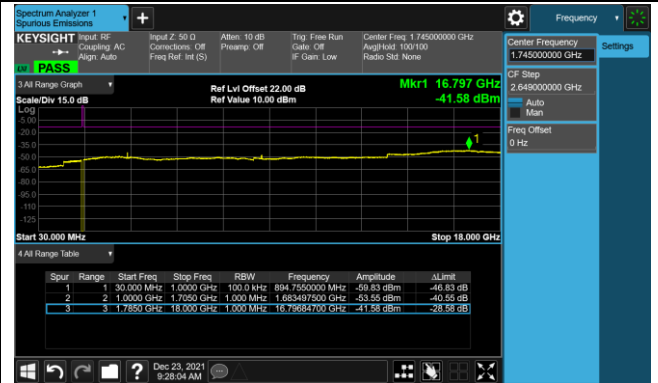


5MHz Channel Bandwidth

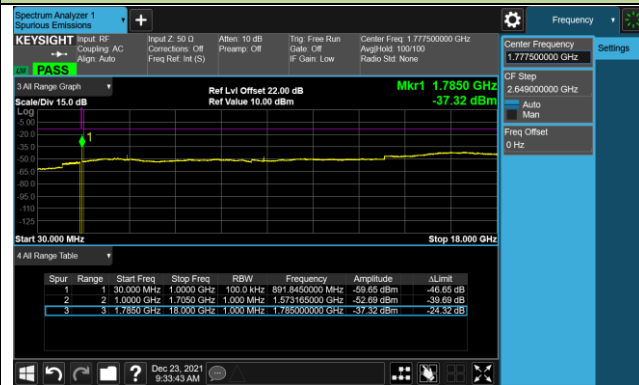
Channel 131997 (1712.5MHz)



Channel 132322 (1745MHz)

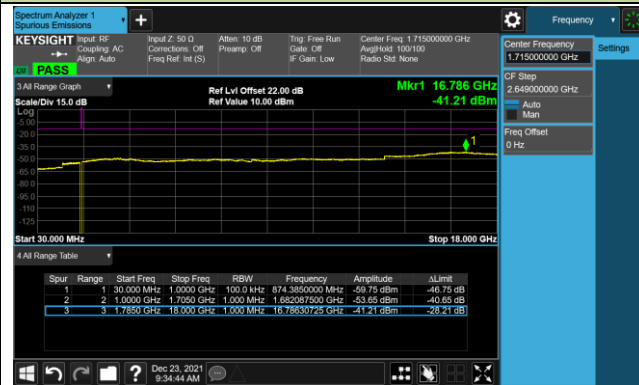


Channel 132647 (1777.5MHz)

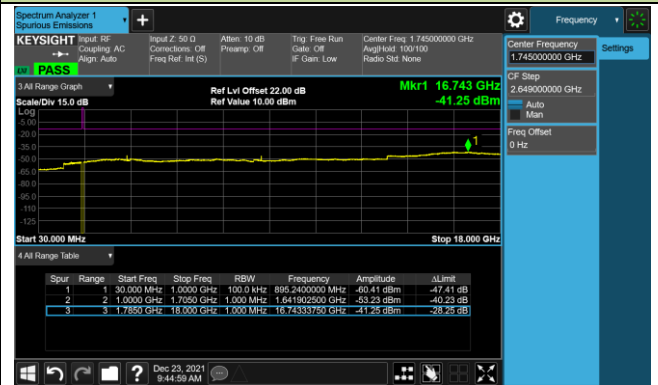


10MHz Channel Bandwidth

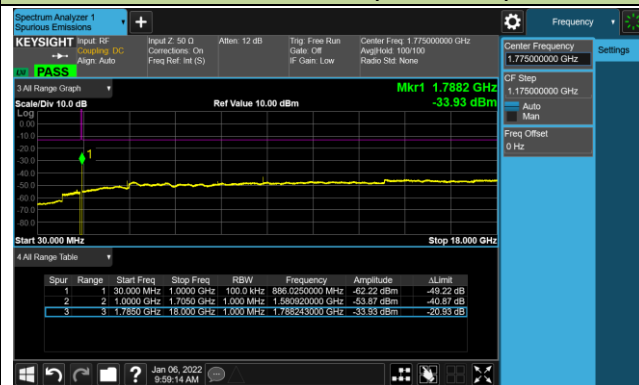
Channel 132022 (1715MHz)



Channel 132322 (1745MHz)

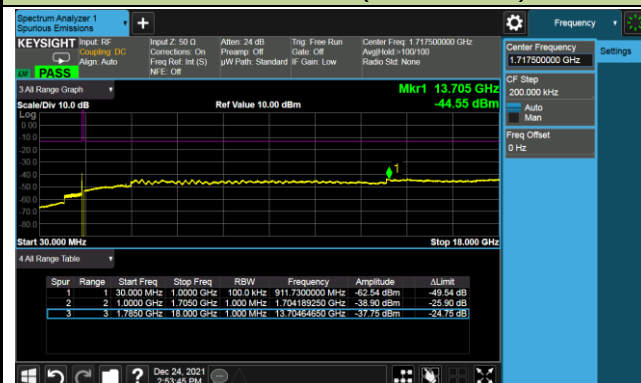


Channel 132622 (1775MHz)

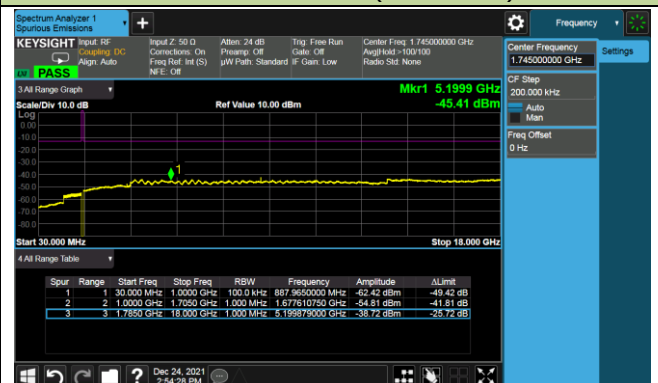


15MHz Channel Bandwidth

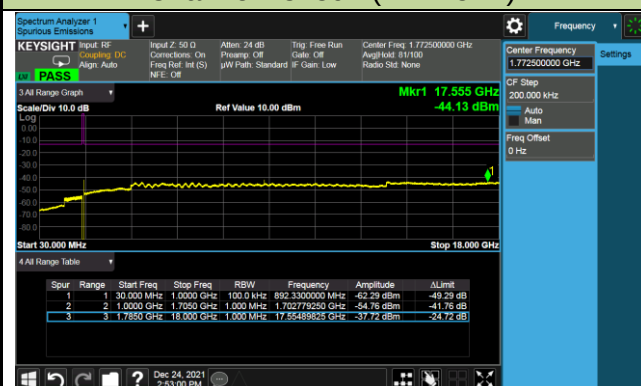
Channel 132047 (1717.5MHz)



Channel 132322 (1745MHz)

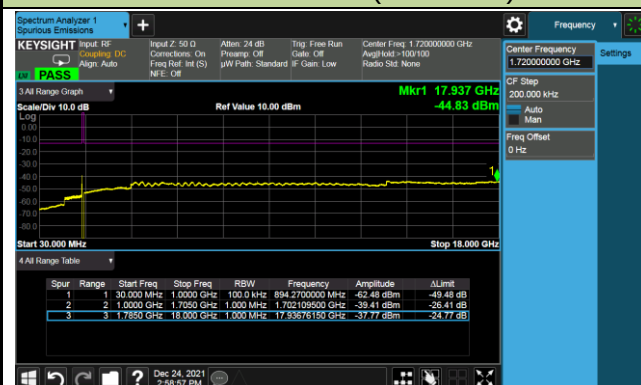


Channel 132597 (1772.5Hz)

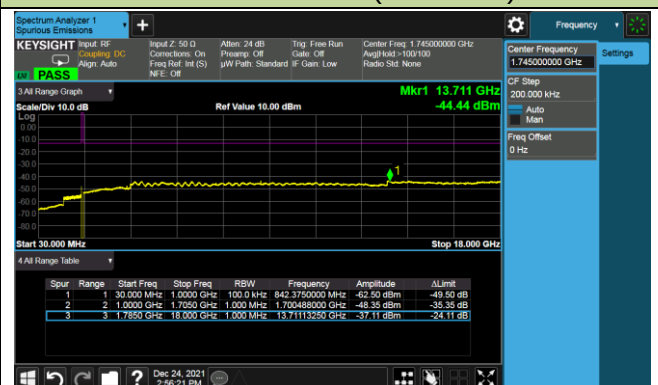


20MHz Channel Bandwidth

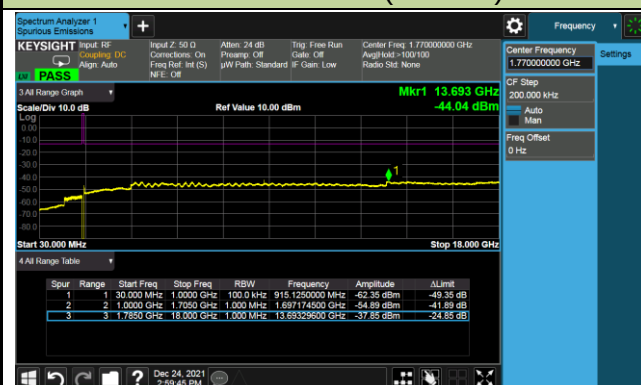
Channel 132072 (1720MHz)



Channel 132322 (1745MHz)



Channel 132572 (1770Hz)



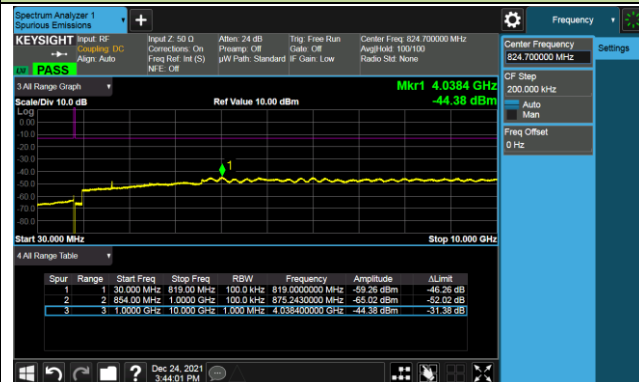
Product	Mobile Computer	Test Site	SIP-SR1
Test Engineer	Candy Luo	Test Date	2021/12/24
Test Band	LTE Band 5/26_1RB_QPSK		

Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
26797	824.7	1.4	30 ~ 10000	-44.38	≤ -13.00	Pass
26915	836.5	1.4	30 ~ 10000	-44.52	≤ -13.00	Pass
27033	848.3	1.4	30 ~ 10000	-44.55	≤ -13.00	Pass
26805	825.5	3	30 ~ 10000	-44.72	≤ -13.00	Pass
26915	836.5	3	30 ~ 10000	-44.69	≤ -13.00	Pass
27025	847.5	3	30 ~ 10000	-44.27	≤ -13.00	Pass
26815	826.5	5	30 ~ 10000	-44.54	≤ -13.00	Pass
26915	836.5	5	30 ~ 10000	-44.61	≤ -13.00	Pass
27015	846.5	5	30 ~ 10000	-44.56	≤ -13.00	Pass
26840	829.0	10	30 ~ 10000	-44.48	≤ -13.00	Pass
26915	836.5	10	30 ~ 10000	-44.61	≤ -13.00	Pass
26990	844.0	10	30 ~ 10000	-44.51	≤ -13.00	Pass
26865	831.5	15	30 ~ 10000	-44.63	≤ -13.00	Pass
26915	836.5	15	30 ~ 10000	-44.54	≤ -13.00	Pass
26965	841.5	15	30 ~ 10000	-44.50	≤ -13.00	Pass

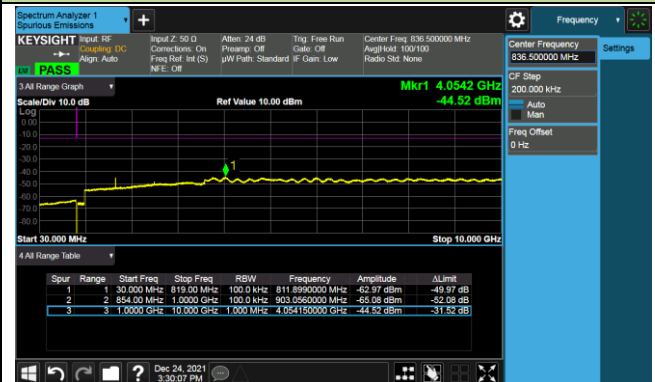
Note: Spurious emissions within 9kHz – 30MHz were found more than 20dB below limit line.

1.4MHz Channel Bandwidth

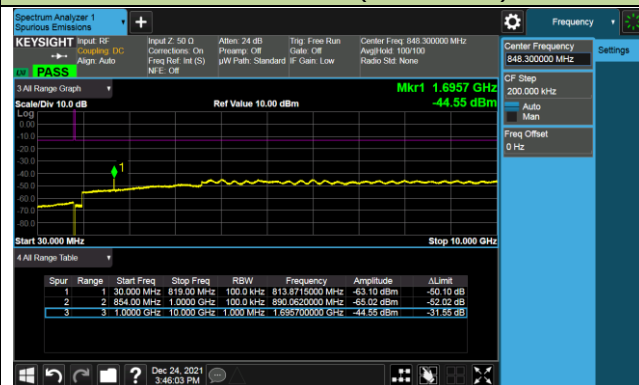
Channel 26697 (814.7MHz)



Channel 25865 (831.5MHz)

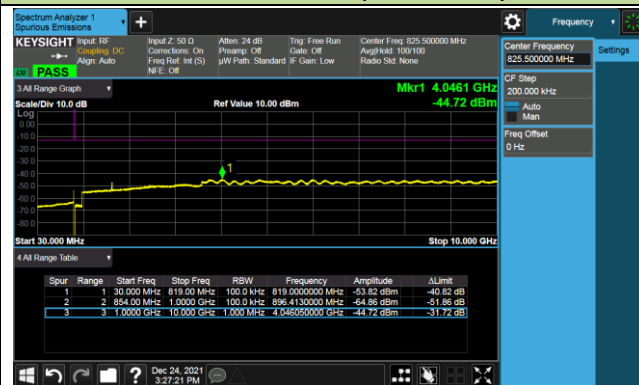


Channel 27033 (848.3MHz)

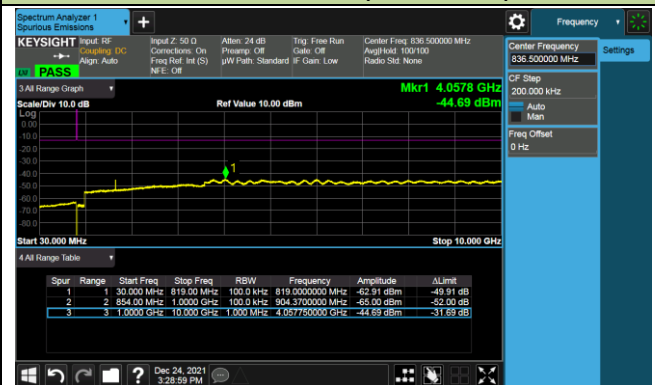


3MHz Channel Bandwidth

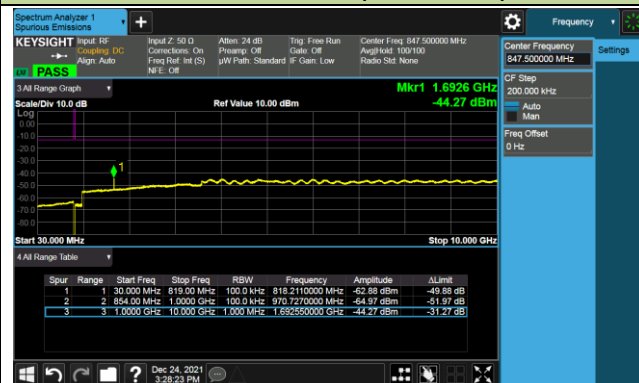
Channel 26705 (815.5MHz)



Channel 26865 (831.5MHz)

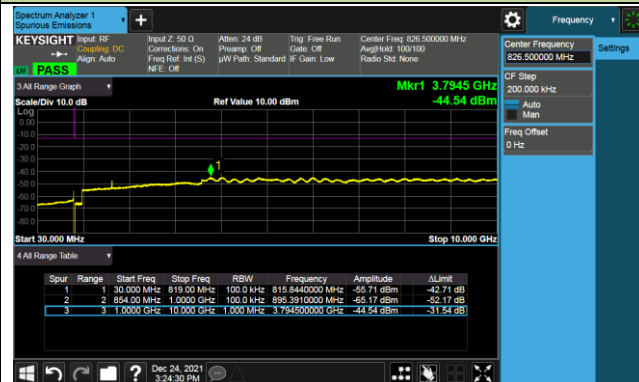


Channel 27025 (847.5MHz)

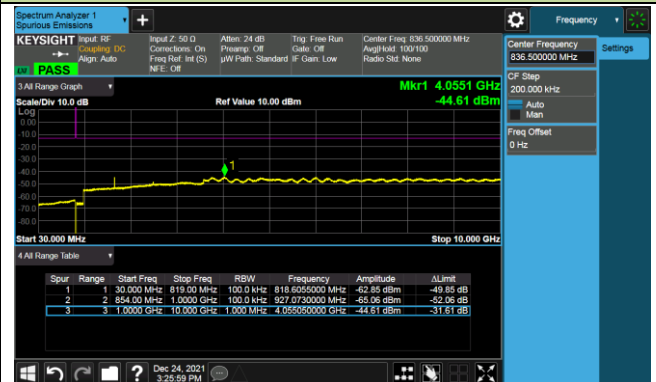


5MHz Channel Bandwidth

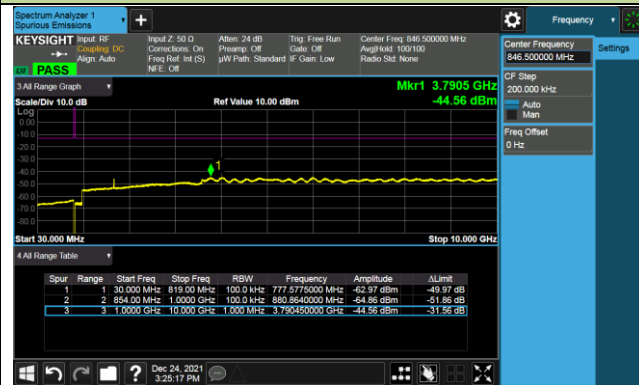
Channel 26715 (816.5MHz)



Channel 26865 (831.5MHz)

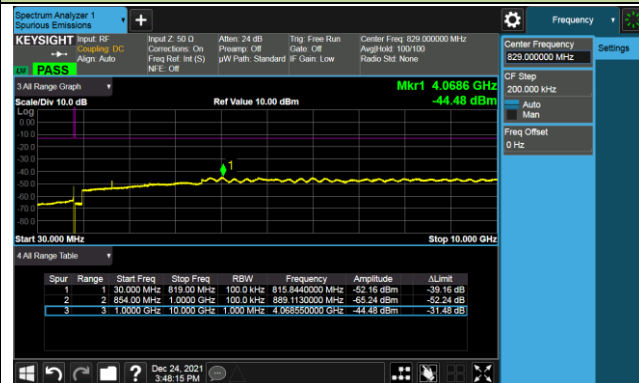


Channel 27015 (846.5MHz)

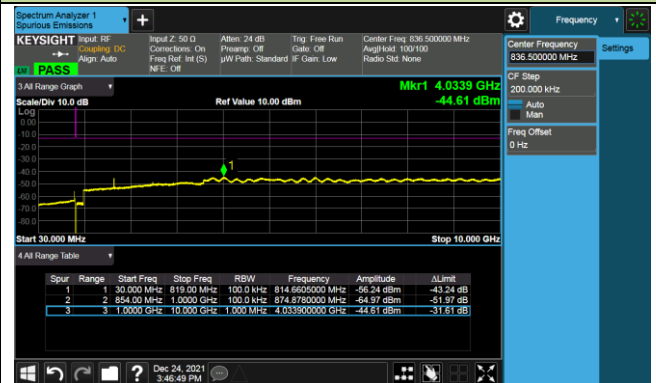


10MHz Channel Bandwidth

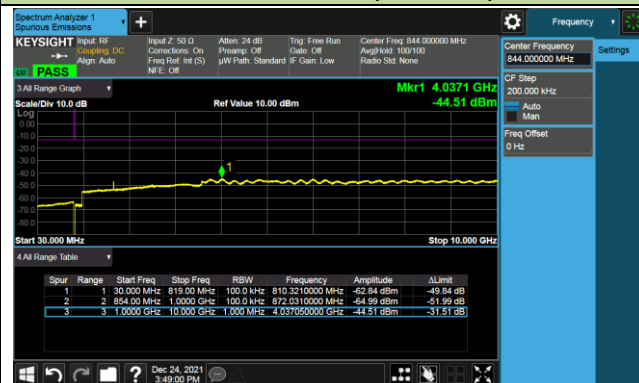
Channel 26740 (819MHz)



Channel 26865 (831.5MHz)

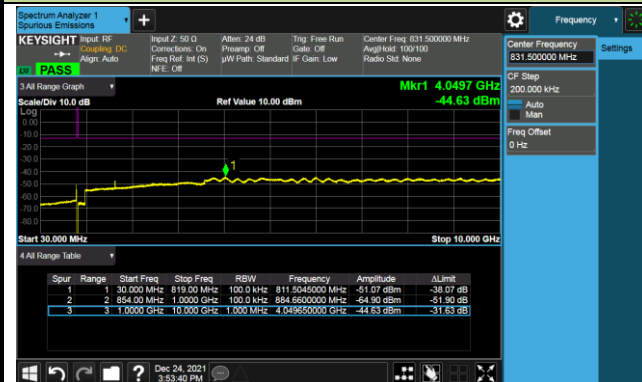


Channel 26990 (844MHz)

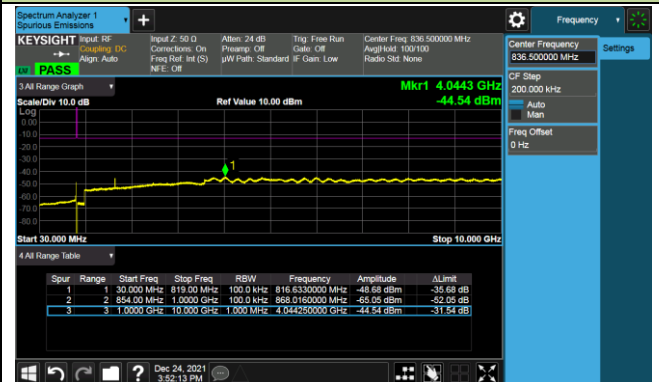


15MHz Channel Bandwidth

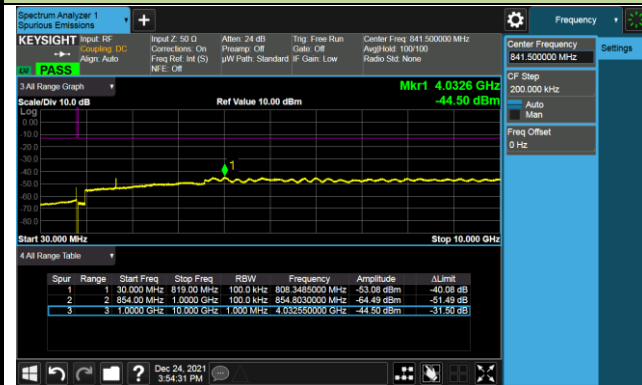
Channel 26865 (831.5MHz)



Channel 26915 (836.5MHz)



Channel 26965 (841.5MHz)



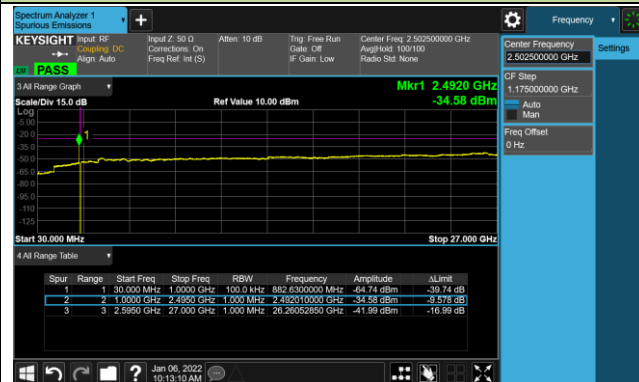
Product	Mobile Computer	Test Site	SIP-SR1
Test Engineer	Candy Luo	Test Date	2022/01/06
Test Band	LTE Band 7_1RB_QPSK		

Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
20775	2502.5	5	30 ~ 26000	-34.58	≤ -25.00	Pass
21100	2535.0	5	30 ~ 26000	-41.74	≤ -25.00	Pass
21425	2567.5	5	30 ~ 26000	-41.82	≤ -25.00	Pass
20800	2505.0	10	30 ~ 26000	-31.56	≤ -25.00	Pass
21100	2535.0	10	30 ~ 26000	-42.06	≤ -25.00	Pass
21400	2565.0	10	30 ~ 26000	-41.89	≤ -25.00	Pass
20825	2507.5	15	30 ~ 26000	-34.39	≤ -25.00	Pass
21100	2535.0	15	30 ~ 26000	-41.39	≤ -25.00	Pass
21375	2562.5	15	30 ~ 26000	-41.84	≤ -25.00	Pass
20850	2510.0	20	30 ~ 26000	-36.31	≤ -25.00	Pass
21100	2535.0	20	30 ~ 26000	-41.98	≤ -25.00	Pass
21350	2560.0	20	30 ~ 26000	-41.95	≤ -25.00	Pass

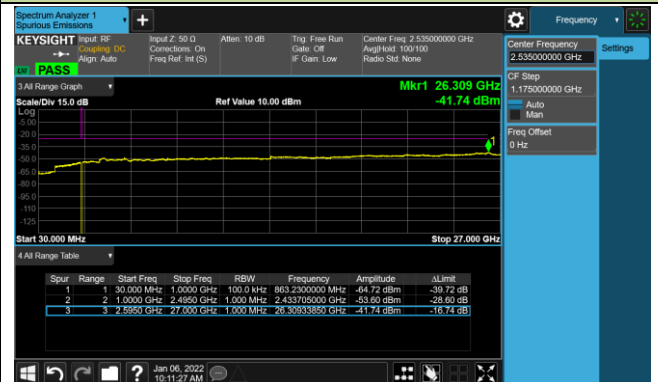
Note: Spurious emissions within 9kHz – 30MHz were found more than 20dB below limit line.

5MHz Channel Bandwidth

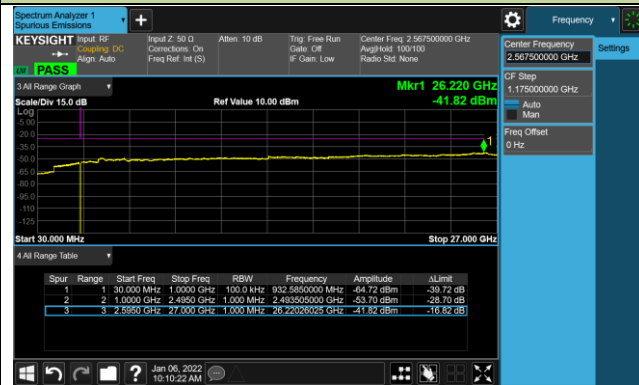
Channel 20775 (2502.5MHz)/



Channel 21100 (2535MHz)



Channel 21425 (2567.5MHz)

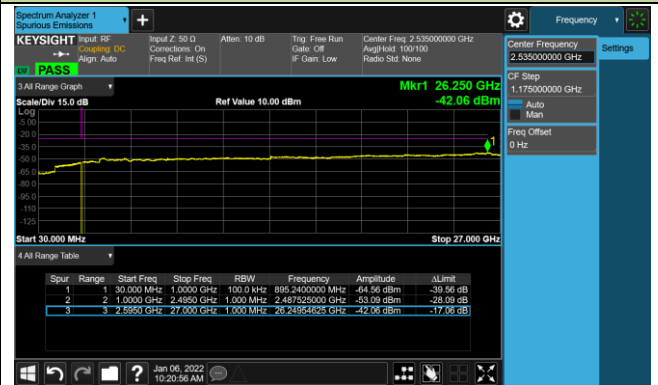


10MHz Channel Bandwidth

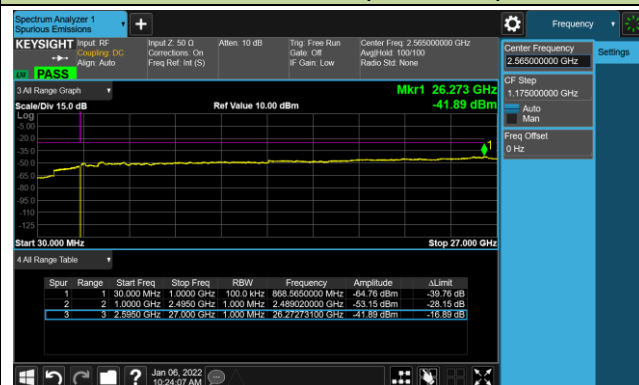
Channel 20800 (2505MHz)



Channel 21100 (2535MHz)

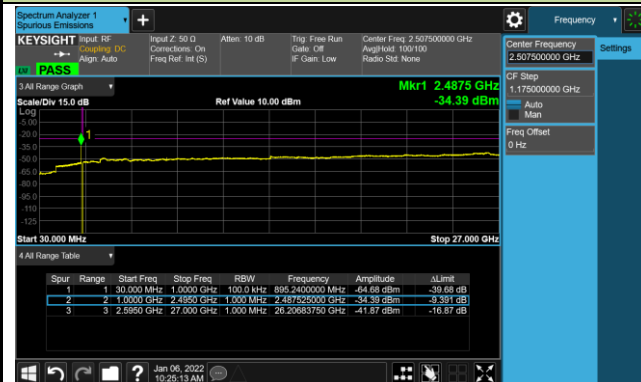


Channel 21400 (2565MHz)

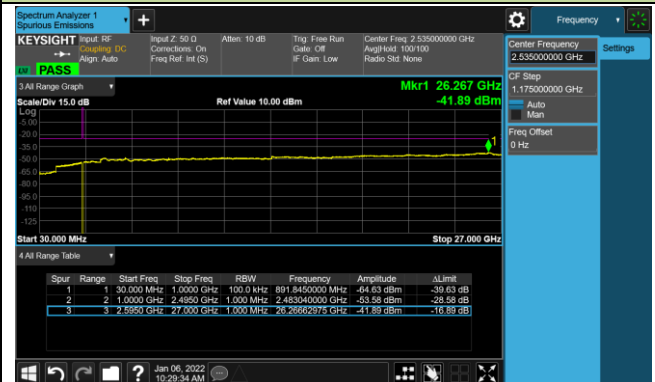


15MHz Channel Bandwidth

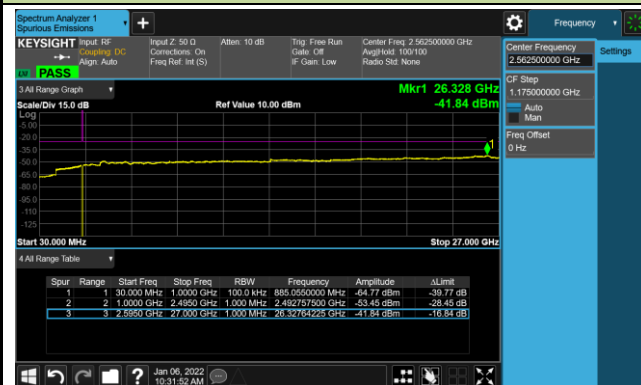
Channel 20825 (2507.5MHz)



Channel 21100 (2535MHz)

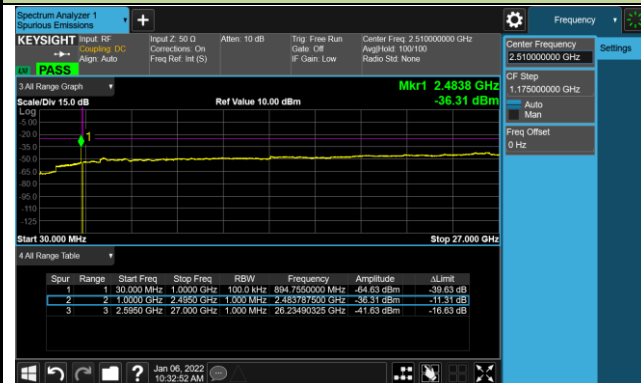


Channel 21375 (2562.5MHz)



20MHz Channel Bandwidth

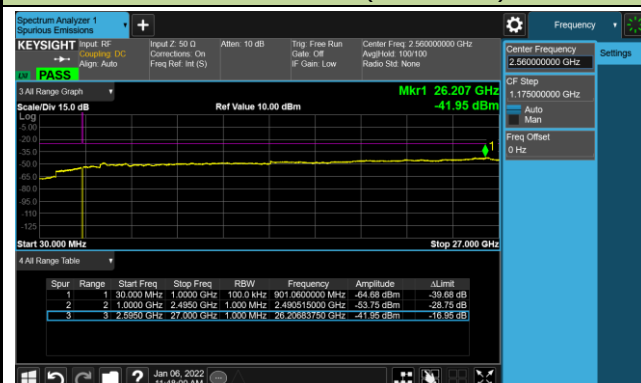
Channel 20850 (2510MHz)



Channel 21100 (2535MHz)



Channel 21350 (2560MHz)



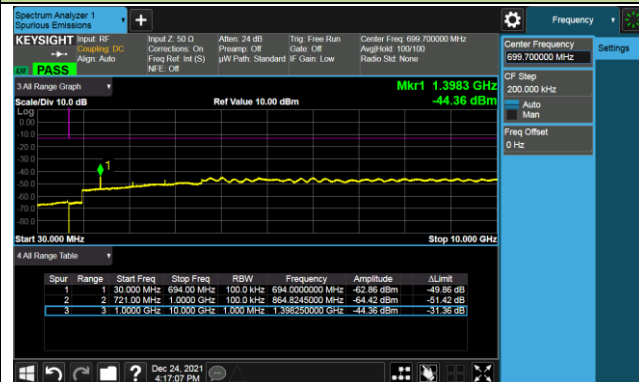
Product	Mobile Computer	Test Site	SIP-SR1
Test Engineer	Candy Luo	Test Date	2021/12/24
Test Band	LTE Band 12_1RB_QPSK		

Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
23017	699.7	1.4	30 ~ 10000	-44.36	≤ -13.00	Pass
23095	707.5	1.4	30 ~ 10000	-40.79	≤ -13.00	Pass
23173	715.3	1.4	30 ~ 10000	-42.01	≤ -13.00	Pass
23025	700.5	3	30 ~ 10000	-44.37	≤ -13.00	Pass
23095	707.5	3	30 ~ 10000	-41.41	≤ -13.00	Pass
23165	714.5	3	30 ~ 10000	-42.50	≤ -13.00	Pass
23035	701.5	5	30 ~ 10000	-44.60	≤ -13.00	Pass
23095	707.5	5	30 ~ 10000	-41.14	≤ -13.00	Pass
23155	713.5	5	30 ~ 10000	-42.95	≤ -13.00	Pass
23060	704.0	10	30 ~ 10000	-44.51	≤ -13.00	Pass
23095	707.5	10	30 ~ 10000	-42.27	≤ -13.00	Pass
23130	711.0	10	30 ~ 10000	-41.25	≤ -13.00	Pass

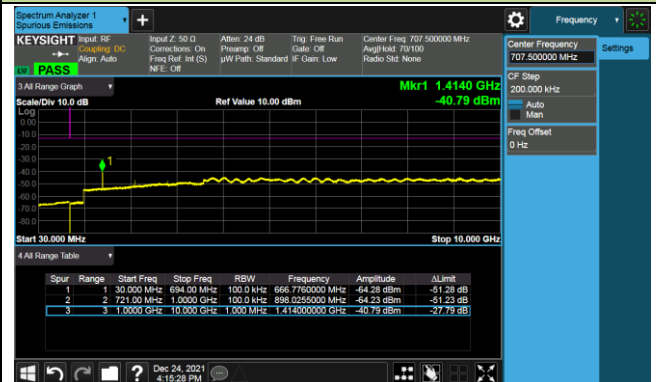
Note: Spurious emissions within 9kHz – 30MHz were found more than 20dB below limit line.

1.4MHz Channel Bandwidth

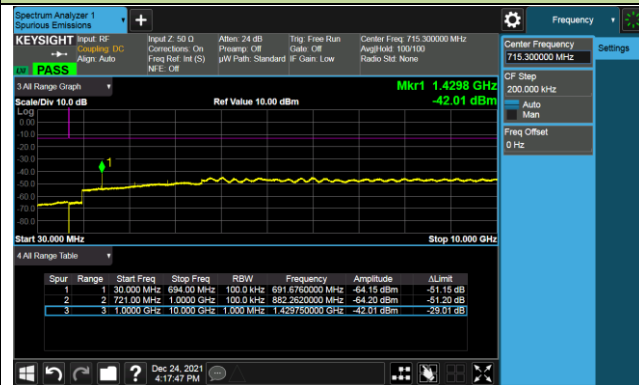
Channel 23017 (699.7MHz)



Channel 23095 (707.5MHz)

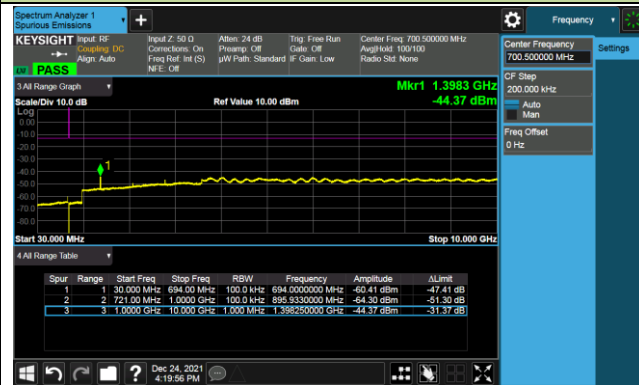


Channel 23173 (715.3MHz)

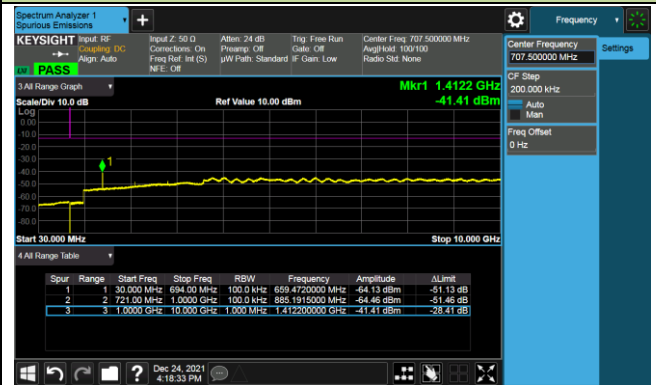


3MHz Channel Bandwidth

Channel 23025 (700.5MHz)



Channel 23095 (707.5MHz)



Channel 23165 (714.5MHz)

