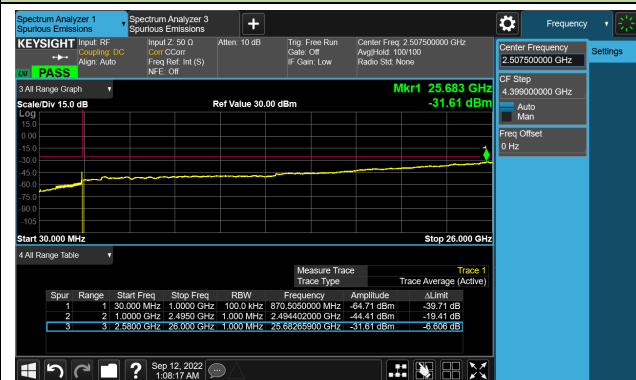
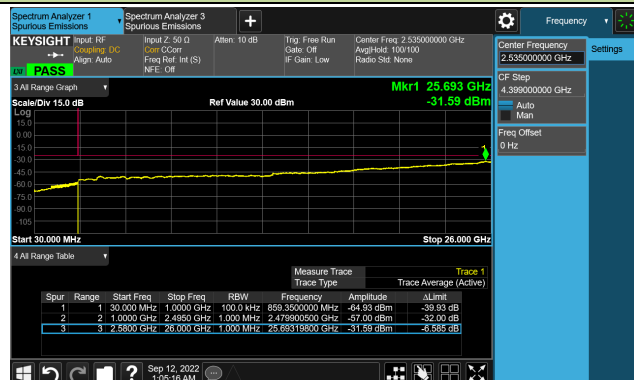


15MHz Channel Bandwidth

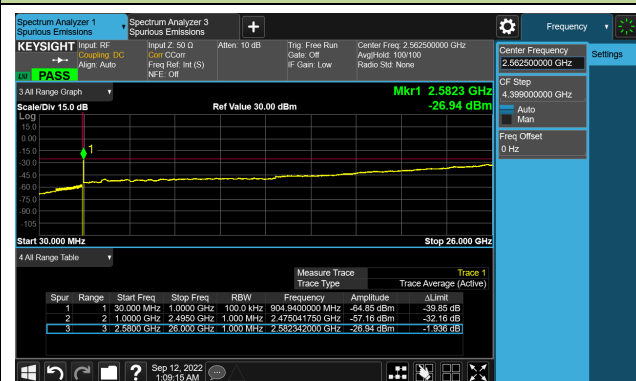
Channel 20825 (2507.5MHz)



Channel 21100 (2535MHz)

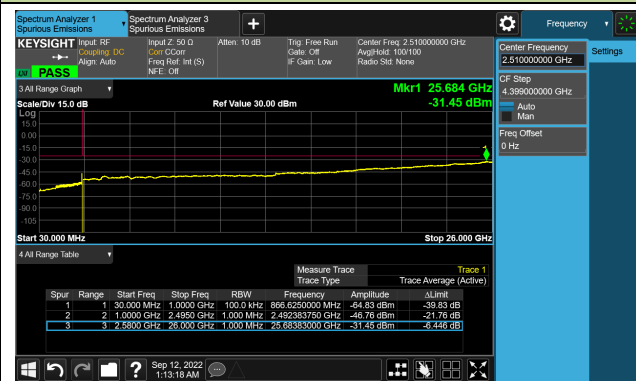


Channel 21375 (2562.5MHz)

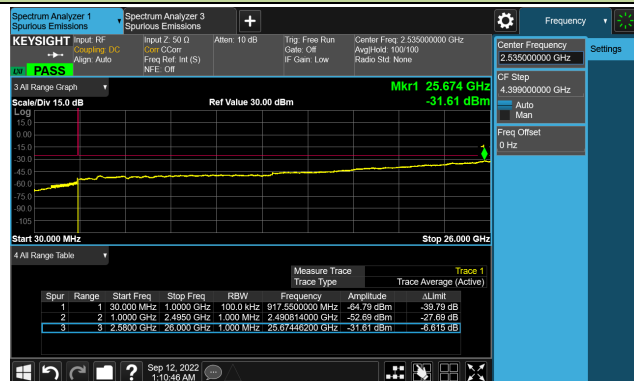


20MHz Channel Bandwidth

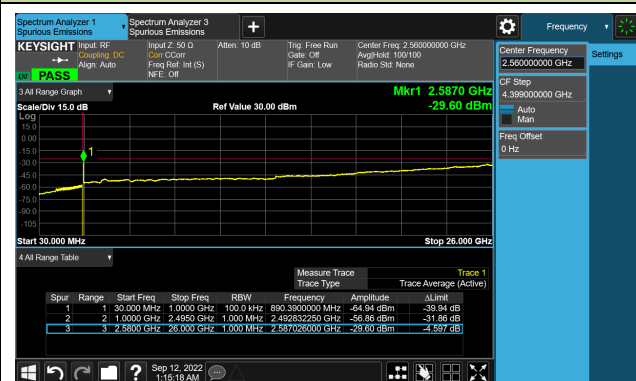
Channel 20850 (2510MHz)



Channel 21100 (2535MHz)



Channel 21350 (2560MHz)

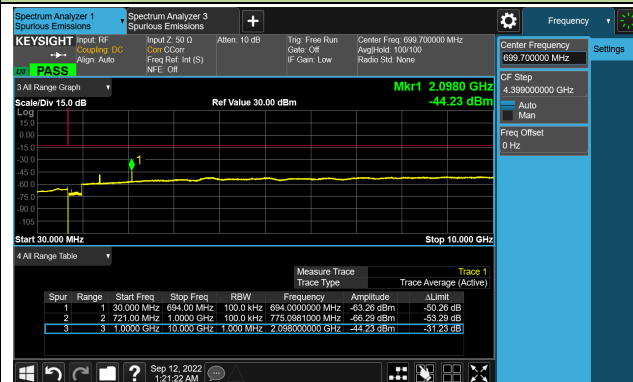


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/12	Test Band	LTE Band 12, 1RB, QPSK

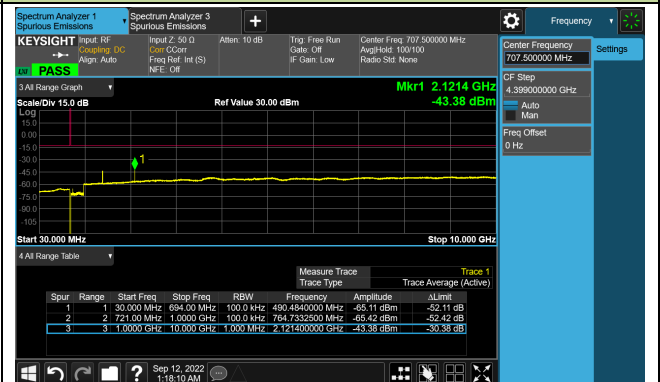
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
699.7	1.4	30 ~ 10000	-44.23	≤ -13.00	Pass
707.5	1.4	30 ~ 10000	-43.38	≤ -13.00	Pass
715.3	1.4	30 ~ 10000	-41.72	≤ -13.00	Pass
700.5	3	30 ~ 10000	-44.57	≤ -13.00	Pass
707.5	3	30 ~ 10000	-42.05	≤ -13.00	Pass
714.5	3	30 ~ 10000	-41.59	≤ -13.00	Pass
701.5	5	30 ~ 10000	-43.85	≤ -13.00	Pass
707.5	5	30 ~ 10000	-40.79	≤ -13.00	Pass
713.5	5	30 ~ 10000	-42.21	≤ -13.00	Pass
704.0	10	30 ~ 10000	-43.44	≤ -13.00	Pass
707.5	10	30 ~ 10000	-41.31	≤ -13.00	Pass
711.0	10	30 ~ 10000	-41.31	≤ -13.00	Pass

1.4MHz Channel Bandwidth

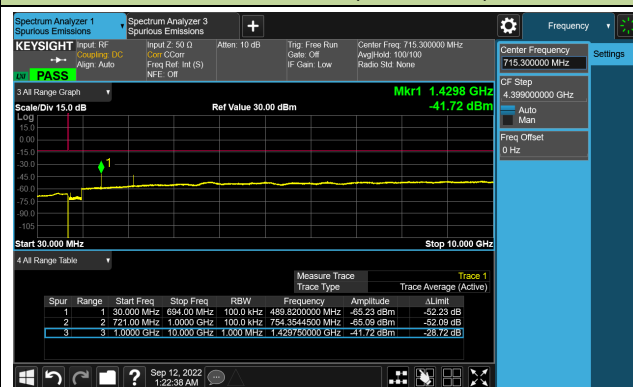
Channel 23017 (699.7MHz)



Channel 23095 (707.5MHz)

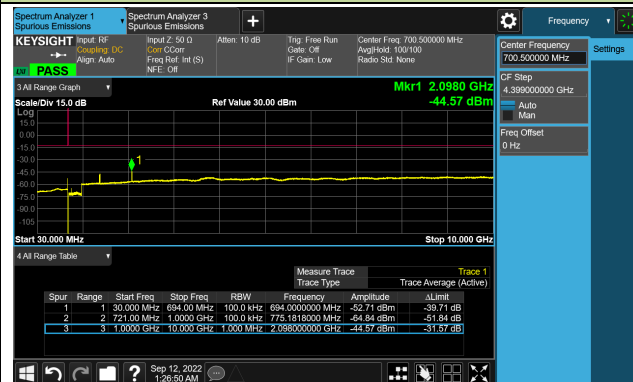


Channel 23173 (715.3MHz)

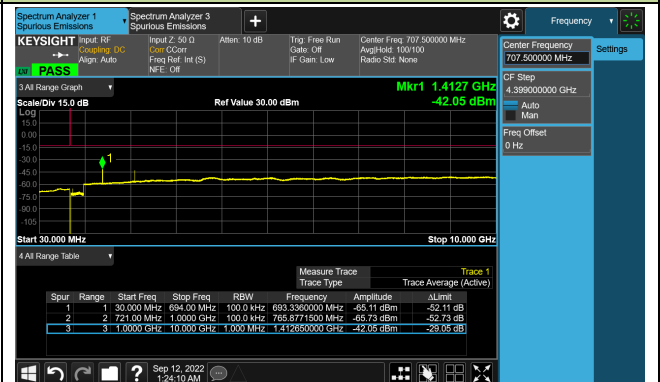


3MHz Channel Bandwidth

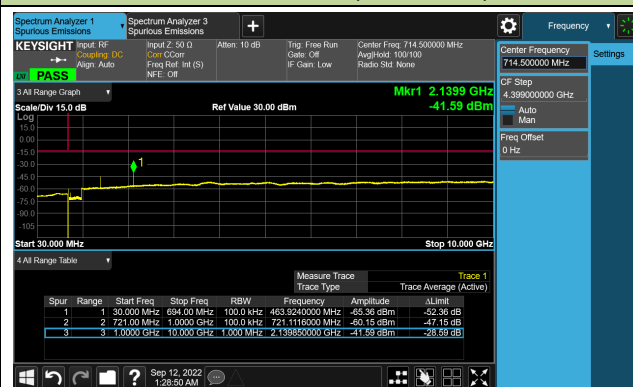
Channel 23025 (700.5MHz)



Channel 23095 (707.5MHz)

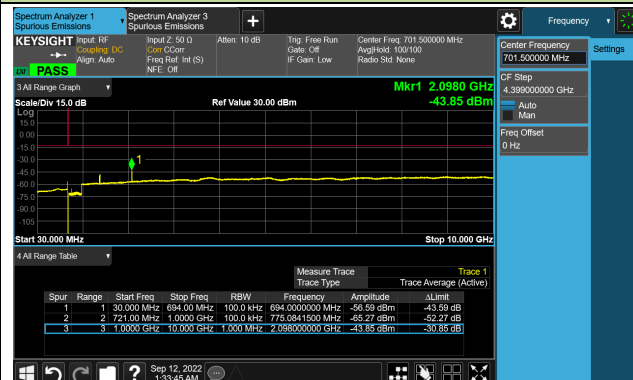


Channel 23165 (714.5MHz)

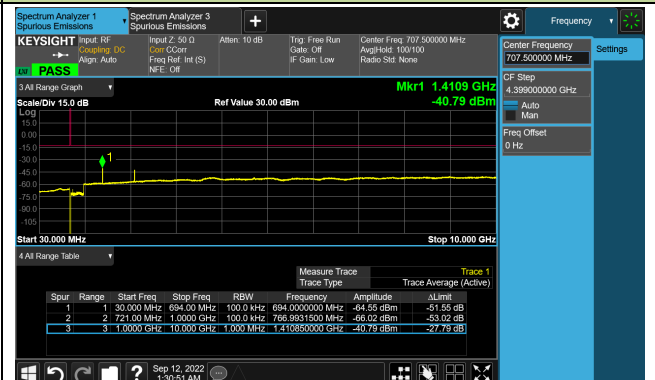


5MHz Channel Bandwidth

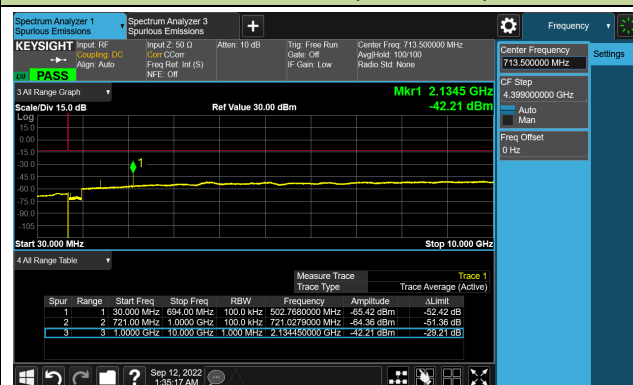
Channel 23035 (701.5MHz)



Channel 23095 (707.5MHz)

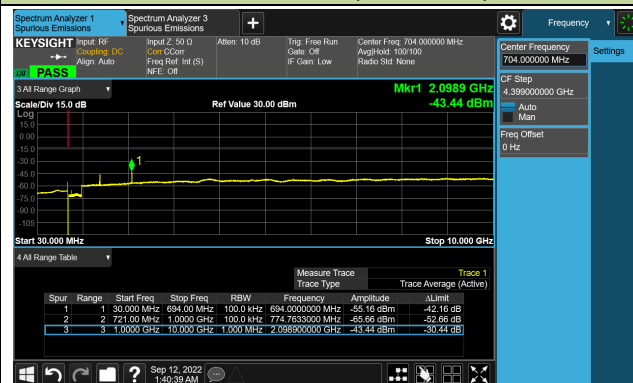


Channel 23165 (714.5MHz)

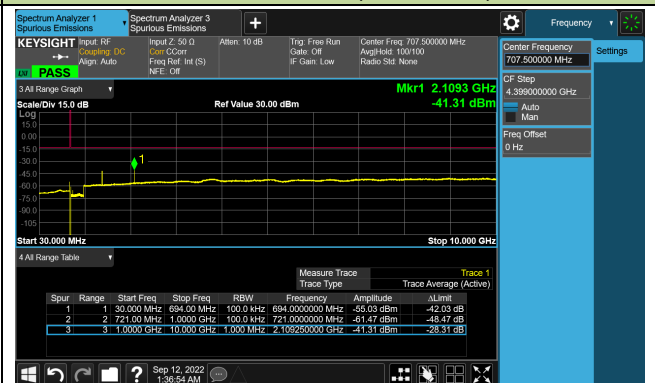


10MHz Channel Bandwidth

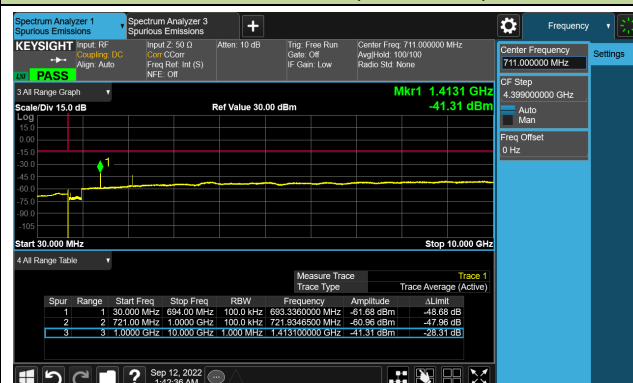
Channel 23060 (704.0MHz)



Channel 23095 (707.5MHz)



Channel 23130 (711.0MHz)

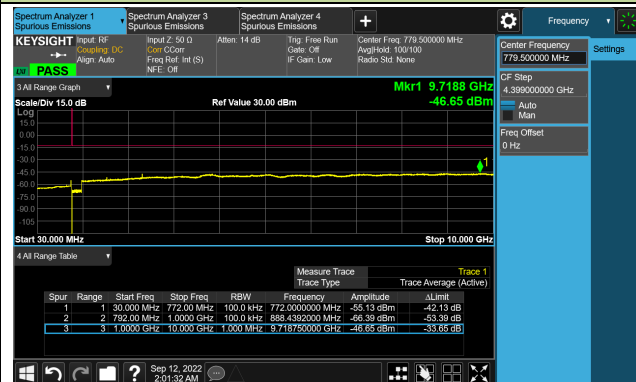


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/12	Test Band	LTE Band 13, 1RB, QPSK

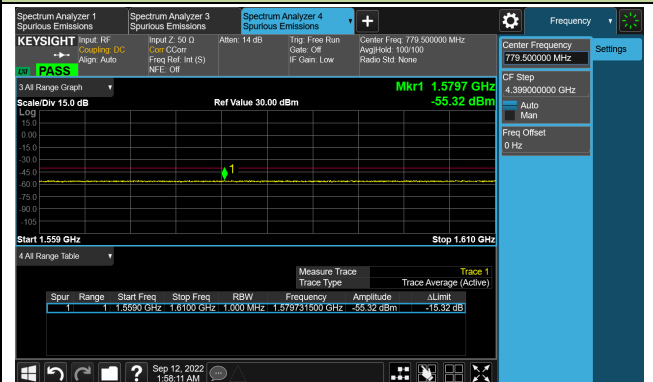
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
779.5	5	30 ~ 10000	-46.65	≤ -13.00	Pass
782.0	5	30 ~ 10000	-46.60	≤ -13.00	Pass
784.5	5	30 ~ 10000	-46.54	≤ -13.00	Pass
782.0	10	30 ~ 10000	-46.53	≤ -13.00	Pass

5MHz Channel Bandwidth

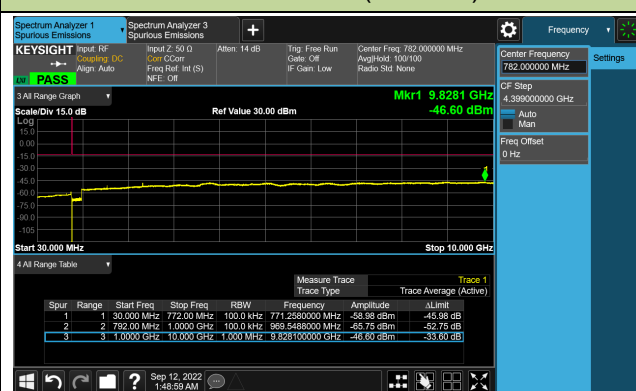
Channel 23205 (779.5MHz)



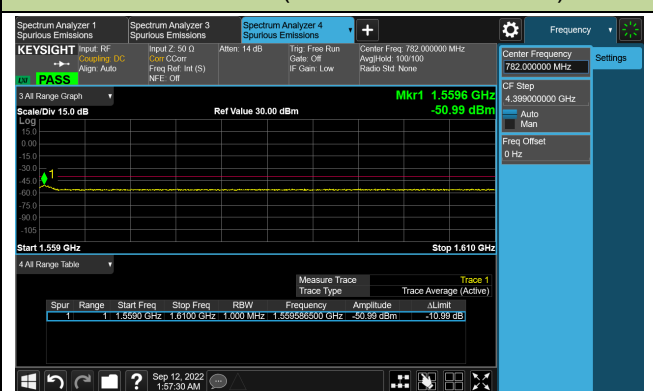
Channel 23230 (1559MHz ~ 1610 MHz)



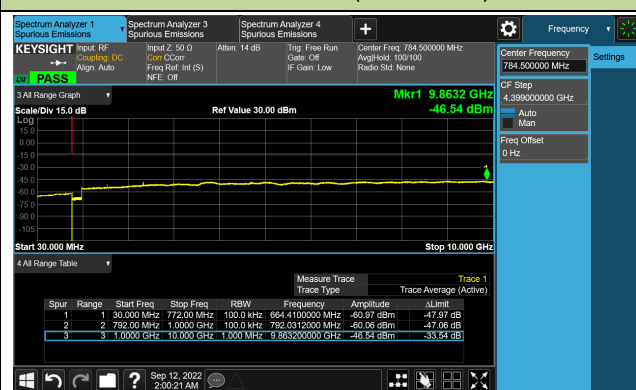
Channel 23230 (782MHz)



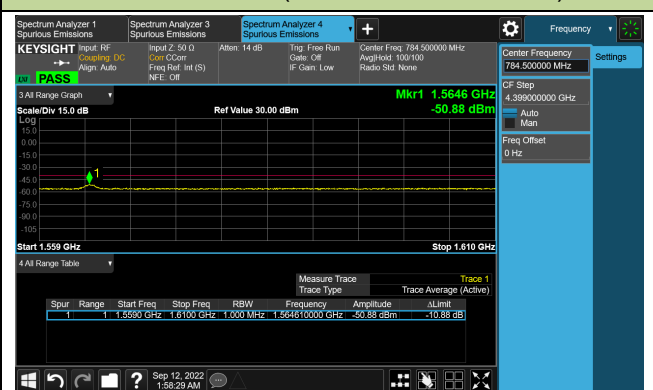
Channel 23230 (1559MHz ~ 1610 MHz)



Channel 23230 (784.5MHz)

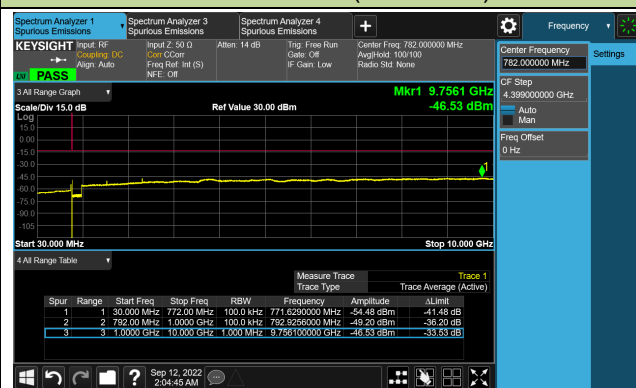


Channel 23230 (1559MHz ~ 1610 MHz)

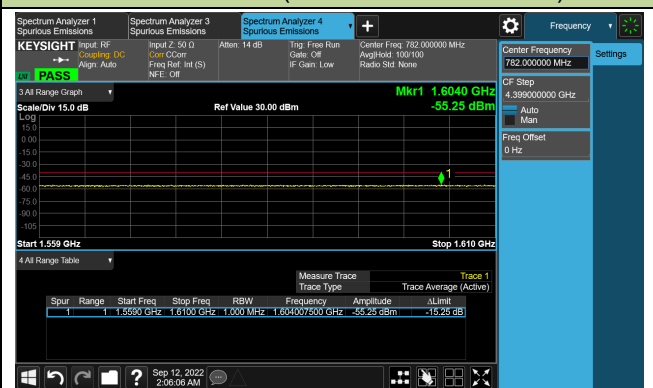


10MHz Channel Bandwidth

Channel 23230 (782.0MHz)



Channel 23230 (1559MHz ~ 1610 MHz)

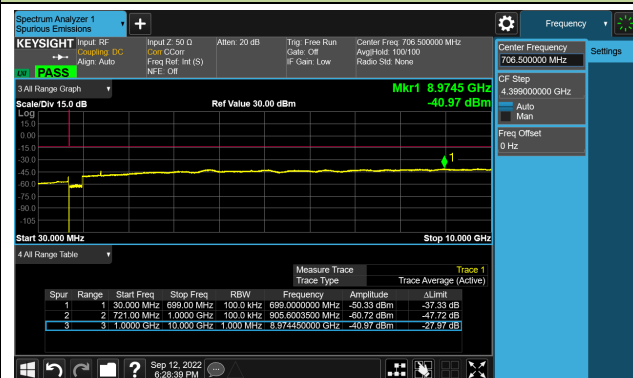


Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/12	Test Band	LTE Band 17, 1RB, QPSK

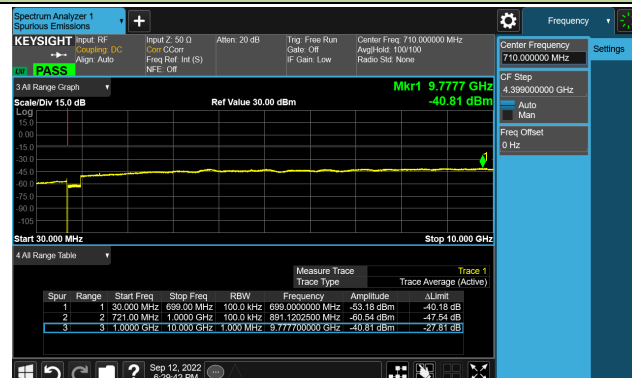
Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
706.5	5	30 ~ 10000	-40.97	≤ -13.00	Pass
710.0	5	30 ~ 10000	-40.81	≤ -13.00	Pass
713.5	5	30 ~ 10000	-41.03	≤ -13.00	Pass
709.0	10	30 ~ 10000	-40.86	≤ -13.00	Pass
710.0	10	30 ~ 10000	-40.70	≤ -13.00	Pass
711.0	10	30 ~ 10000	-40.76	≤ -13.00	Pass

5MHz Channel Bandwidth

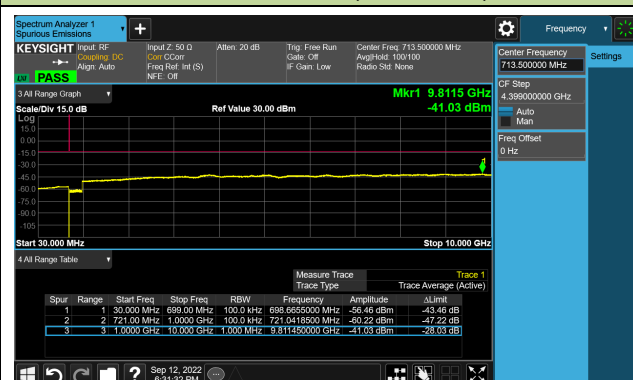
Channel 23755 (706.5MHz)



Channel 23790(710.0MHz)

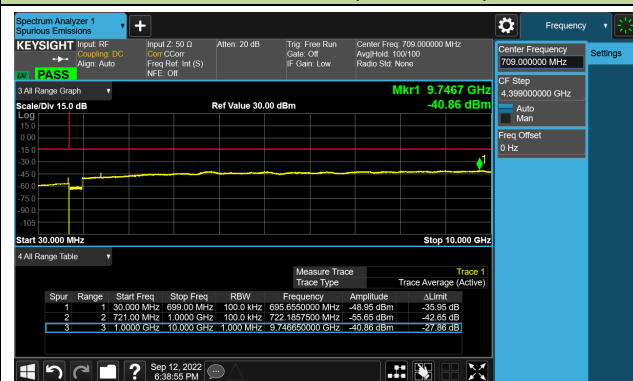


Channel 23825 (713.5MHz)

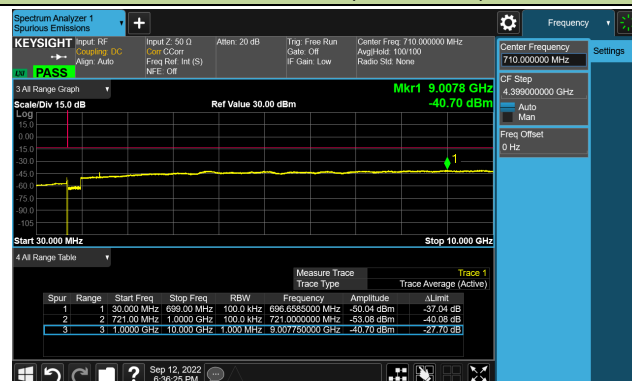


10MHz Channel Bandwidth

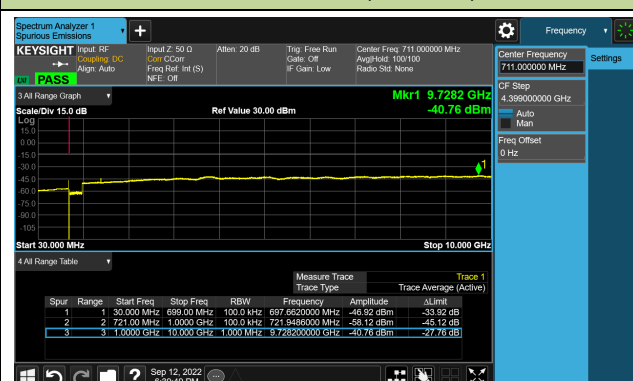
Channel 23780 (709.0MHz)



Channel 23790(710.0MHz)



Channel 23800 (711MHz)



A.7 Radiated Spurious Emissions Test Result

Test Site	SIP-AC3	Test Engineer	Wayen Wang
Test Date	2022/09/14 ~ 2022/09/19	Test Band	LTE Band 2/25, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
106.6	14.0	14.4	28.4	82.3	-53.9	Peak	Horizontal
613.5	6.0	25.7	31.7	82.3	-50.6	Peak	Horizontal
39.2	14.8	17.5	32.3	82.3	-50.0	Peak	Vertical
54.3	12.6	17.7	30.3	82.3	-52.0	Peak	Vertical
3703.0	67.3	-10.1	57.2	82.3	-25.1	Peak	Horizontal
5547.5	64.9	-8.2	56.7	82.3	-25.6	Peak	Horizontal
3703.0	63.4	-10.1	53.3	82.3	-29.0	Peak	Vertical
5547.5	60.6	-8.2	52.4	82.3	-29.9	Peak	Vertical
Middle Channel							
51.3	7.9	17.8	25.7	82.3	-56.6	Peak	Horizontal
107.1	14.6	14.5	29.1	82.3	-53.2	Peak	Horizontal
39.2	16.6	17.5	34.1	82.3	-48.2	Peak	Vertical
53.8	13.5	17.7	31.2	82.3	-51.1	Peak	Vertical
3762.5	62.6	-9.9	52.7	82.3	-29.6	Peak	Horizontal
5649.5	68.3	-8.1	60.2	82.3	-22.1	Peak	Horizontal
3762.5	61.7	-9.9	51.8	82.3	-30.5	Peak	Vertical
5649.5	59.3	-8.1	51.2	82.3	-31.1	Peak	Vertical
High Channel							
106.6	16.0	14.4	30.4	82.3	-51.9	Peak	Horizontal
129.9	11.7	16.6	28.3	82.3	-54.0	Peak	Horizontal
39.7	17.6	17.6	35.2	82.3	-47.1	Peak	Vertical
53.8	13.8	17.7	31.5	82.3	-50.8	Peak	Vertical
3830.5	62.5	-9.7	52.8	82.3	-29.5	Peak	Horizontal
5743.0	65.0	-8.0	57.0	82.3	-25.3	Peak	Horizontal
3830.5	62.1	-9.7	52.4	82.3	-29.9	Peak	Vertical
5743.0	57.8	-8.0	49.8	82.3	-32.5	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Test Site	SIP-AC3	Test Engineer	Wayen Wang
Test Date	2022/09/14 ~ 2022/09/19	Test Band	LTE Band 4, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
107.1	15.6	14.5	30.1	82.3	-52.2	Peak	Horizontal
129.9	11.5	16.6	28.1	82.3	-54.2	Peak	Horizontal
39.7	17.5	17.6	35.1	82.3	-47.2	Peak	Vertical
54.3	14.4	17.7	32.1	82.3	-50.2	Peak	Vertical
3422.5	61.6	-10.6	51.0	82.3	-31.3	Peak	Horizontal
5131.0	57.5	-8.1	49.4	82.3	-32.9	Peak	Horizontal
3422.5	58.8	-10.6	48.2	82.3	-34.1	Peak	Vertical
5131.0	54.1	-8.1	46.0	82.3	-36.3	Peak	Vertical
Middle Channel							
106.6	15.2	14.4	29.6	82.3	-52.7	Peak	Horizontal
129.9	11.2	16.6	27.8	82.3	-54.5	Peak	Horizontal
39.2	16.5	17.5	34.0	82.3	-48.3	Peak	Vertical
54.3	13.2	17.7	30.9	82.3	-51.4	Peak	Vertical
3465.0	63.6	-10.9	52.7	82.3	-29.6	Peak	Horizontal
5199.0	58.1	-8.3	49.8	82.3	-32.5	Peak	Horizontal
3465.0	59.4	-10.9	48.5	82.3	-33.8	Peak	Vertical
5199.0	52.9	-8.3	44.6	82.3	-37.7	Peak	Vertical
High Channel							
106.6	16.1	14.4	30.5	82.3	-51.8	Peak	Horizontal
129.9	10.5	16.6	27.1	82.3	-55.2	Peak	Horizontal
39.2	16.5	17.5	34.0	82.3	-48.3	Peak	Vertical
53.8	14.0	17.7	31.7	82.3	-50.6	Peak	Vertical
3507.5	61.1	-10.7	50.4	82.3	-31.9	Peak	Horizontal
5258.5	57.6	-8.4	49.2	82.3	-33.1	Peak	Horizontal
3507.5	58.4	-10.7	47.7	82.3	-34.6	Peak	Vertical
5258.5	54.0	-8.4	45.6	82.3	-36.7	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							

Test Site	SIP-AC3	Test Engineer	Wayen Wang
Test Date	2022/09/14 ~ 2022/09/19	Test Band	LTE Band 5/26, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
47.0	16.0	18.0	34.0	82.3	-48.3	Peak	Horizontal
148.8	17.1	18.0	35.1	82.3	-47.2	Peak	Horizontal
39.7	19.1	17.6	36.7	82.3	-45.6	Peak	Vertical
145.4	17.7	17.9	35.6	82.3	-46.7	Peak	Vertical
4124.0	51.8	-9.0	42.8	82.3	-39.5	Peak	Horizontal
4948.0	51.2	-8.5	42.7	82.3	-39.6	Peak	Horizontal
6332.0	50.0	-7.3	42.7	82.3	-39.6	Peak	Vertical
7824.0	49.8	-5.1	44.7	82.3	-37.6	Peak	Vertical
Middle Channel							
52.8	17.8	17.7	35.5	82.3	-46.8	Peak	Horizontal
147.9	17.6	18.0	35.6	82.3	-46.7	Peak	Horizontal
38.7	19.1	17.5	36.6	82.3	-45.7	Peak	Vertical
141.6	17.6	17.6	35.2	82.3	-47.1	Peak	Vertical
5772.0	50.7	-8.0	42.7	82.3	-39.6	Peak	Horizontal
7740.0	48.7	-5.3	43.4	82.3	-38.9	Peak	Horizontal
6928.0	49.1	-6.2	42.9	82.3	-39.4	Peak	Vertical
7256.0	50.3	-5.8	44.5	82.3	-37.8	Peak	Vertical
High Channel							
42.1	17.0	17.8	34.8	82.3	-47.5	Peak	Horizontal
141.1	18.2	17.6	35.8	82.3	-46.5	Peak	Horizontal
39.7	20.8	17.6	38.4	82.3	-43.9	Peak	Vertical
146.4	17.9	17.9	35.8	82.3	-46.5	Peak	Vertical
3392.0	55.9	-10.9	45.0	82.3	-37.3	Peak	Horizontal
4240.0	53.4	-9.1	44.3	82.3	-38.0	Peak	Horizontal
2544.0	58.8	-14.1	44.7	82.3	-37.6	Peak	Vertical
7372.0	49.7	-5.8	43.9	82.3	-38.4	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Test Site	SIP-AC3	Test Engineer	Wayen Wang
Test Date	2022/09/14 ~ 2022/09/19	Test Band	LTE Band 7, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
39.7	6.3	17.6	23.9	70.3	-46.4	Peak	Horizontal
107.1	14.3	14.5	28.8	70.3	-41.5	Peak	Horizontal
39.7	16.6	17.6	34.2	70.3	-36.1	Peak	Vertical
53.8	14.2	17.7	31.9	70.3	-38.4	Peak	Vertical
5012.0	52.7	-8.4	44.3	70.3	-26.0	Peak	Horizontal
8199.5	48.1	-4.2	43.9	70.3	-26.4	Peak	Horizontal
5012.0	52.2	-8.4	43.8	70.3	-26.5	Peak	Vertical
7094.5	49.4	-6.0	43.4	70.3	-26.9	Peak	Vertical
Middle Channel							
106.6	14.5	14.4	28.9	70.3	-41.4	Peak	Horizontal
651.8	5.8	26.1	31.9	70.3	-38.4	Peak	Horizontal
39.7	16.7	17.6	34.3	70.3	-36.0	Peak	Vertical
53.8	13.4	17.7	31.1	70.3	-39.2	Peak	Vertical
5071.5	54.8	-8.2	46.6	70.3	-23.7	Peak	Horizontal
10146.0	49.7	-2.6	47.1	70.3	-23.2	Peak	Horizontal
7468.5	48.3	-5.6	42.7	70.3	-27.6	Peak	Vertical
9177.0	48.0	-3.5	44.5	70.3	-25.8	Peak	Vertical
High Channel							
39.2	7.7	17.5	25.2	70.3	-45.1	Peak	Horizontal
53.8	6.4	17.7	24.1	70.3	-46.2	Peak	Horizontal
39.2	17.4	17.5	34.9	70.3	-35.4	Peak	Vertical
53.8	14.1	17.7	31.8	70.3	-38.5	Peak	Vertical
5139.5	58.2	-8.1	50.1	70.3	-20.2	Peak	Horizontal
7706.5	48.9	-5.4	43.5	70.3	-26.8	Peak	Horizontal
5139.5	53.8	-8.1	45.7	70.3	-24.6	Peak	Vertical
6576.0	50.0	-6.7	43.3	70.3	-27.0	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Test Site	SIP-AC3	Test Engineer	Wayen Wang
Test Date	2022/09/14 ~ 2022/09/19	Test Band	LTE Band 12, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
46.5	16.9	18.0	34.9	82.3	-47.4	Peak	Horizontal
148.3	17.3	18.0	35.3	82.3	-47.0	Peak	Horizontal
39.7	19.8	17.6	37.4	82.3	-44.9	Peak	Vertical
514.0	17.9	23.6	41.5	82.3	-40.8	Peak	Vertical
4636.5	50.7	-9.1	41.6	82.3	-40.7	Peak	Horizontal
5284.0	50.1	-8.2	41.9	82.3	-40.4	Peak	Horizontal
3495.5	50.4	-10.7	39.7	82.3	-42.6	Peak	Vertical
4104.5	49.9	-9.0	40.9	82.3	-41.4	Peak	Vertical
Middle Channel							
41.2	17.1	17.7	34.8	82.3	-47.5	Peak	Horizontal
148.3	15.7	18.0	33.7	82.3	-48.6	Peak	Horizontal
39.2	19.9	17.5	37.4	82.3	-44.9	Peak	Vertical
154.2	18.1	18.1	36.2	82.3	-46.1	Peak	Vertical
4241.0	50.9	-9.1	41.8	82.3	-40.5	Peak	Horizontal
5245.5	49.7	-8.4	41.3	82.3	-41.0	Peak	Horizontal
4636.5	50.0	-9.1	40.9	82.3	-41.4	Peak	Vertical
5907.0	49.9	-7.9	42.0	82.3	-40.3	Peak	Vertical
High Channel							
46.5	17.5	18.0	35.5	82.3	-46.8	Peak	Horizontal
164.3	17.6	17.8	35.4	82.3	-46.9	Peak	Horizontal
39.2	19.3	17.5	36.8	82.3	-45.5	Peak	Vertical
156.1	17.1	18.0	35.1	82.3	-47.2	Peak	Vertical
2120.0	65.2	-15.6	49.6	82.3	-32.7	Peak	Horizontal
4489.5	50.4	-8.9	41.5	82.3	-40.8	Peak	Horizontal
4629.5	50.6	-9.0	41.6	82.3	-40.7	Peak	Vertical
5196.5	50.1	-8.3	41.8	82.3	-40.5	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							

Test Site	SIP-AC3	Test Engineer	Wayen Wang
Test Date	2022/09/14 ~ 2022/09/19	Test Band	LTE Band 13, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
42.6	16.9	17.8	34.7	82.3	-47.6	Peak	Horizontal
153.7	17.2	18.1	35.3	82.3	-47.0	Peak	Horizontal
40.2	19.0	17.6	36.6	82.3	-45.7	Peak	Vertical
151.7	17.7	18.1	35.8	82.3	-46.5	Peak	Vertical
1577.5	50.1	-18.2	31.9	55.3	-23.4	Peak	Horizontal
5473.0	55.2	-8.0	47.2	82.3	-35.1	Peak	Horizontal
1595.0	50.3	-18.1	32.2	55.3	-23.1	Peak	Vertical
7034.0	49.8	-6.1	43.7	82.3	-38.6	Peak	Vertical
Middle Channel							
43.6	16.5	17.9	34.4	82.3	-47.9	Peak	Horizontal
151.7	17.8	18.1	35.9	82.3	-46.4	Peak	Horizontal
39.2	19.2	17.5	36.7	82.3	-45.6	Peak	Vertical
151.3	17.3	18.1	35.4	82.3	-46.9	Peak	Vertical
1602.0	50.2	-18.0	32.2	55.3	-23.1	Peak	Horizontal
4706.5	54.7	-8.6	46.1	82.3	-36.2	Peak	Horizontal
1609.0	50.2	-18.0	32.2	55.3	-23.1	Peak	Vertical
7797.0	49.4	-5.0	44.4	82.3	-37.9	Peak	Vertical
High Channel							
43.6	17.0	17.9	34.9	82.3	-47.4	Peak	Horizontal
156.6	17.0	18.0	35.0	82.3	-47.3	Peak	Horizontal
40.2	20.5	17.6	38.1	82.3	-44.2	Peak	Vertical
148.3	16.9	18.0	34.9	82.3	-47.4	Peak	Vertical
1574.0	51.4	-18.2	33.2	55.3	-22.1	Peak	Horizontal
4720.5	55.6	-8.4	47.2	82.3	-35.1	Peak	Horizontal
1605.5	53.8	-18.0	35.8	55.3	-19.5	Peak	Vertical
7674.5	49.3	-5.3	44.0	82.3	-38.3	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Test Site	SIP-AC3	Test Engineer	Wayen Wang
Test Date	2022/09/14 ~ 2022/09/19	Test Band	LTE Band 17, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
45.5	16.3	18.0	34.3	82.3	-48.0	Peak	Horizontal
139.6	17.8	17.5	35.3	82.3	-47.0	Peak	Horizontal
39.2	18.6	17.5	36.1	82.3	-46.2	Peak	Vertical
166.8	17.0	17.7	34.7	82.3	-47.6	Peak	Vertical
5669.0	52.3	-8.1	44.2	82.3	-38.1	Peak	Horizontal
6726.0	49.2	-6.5	42.7	82.3	-39.6	Peak	Horizontal
2470.0	55.6	-14.5	41.1	82.3	-41.2	Peak	Vertical
5728.5	50.5	-8.0	42.5	82.3	-39.8	Peak	Vertical
Middle Channel							
41.2	17.4	17.7	35.1	82.3	-47.2	Peak	Horizontal
143.5	18.6	17.8	36.4	82.3	-45.9	Peak	Horizontal
39.7	19.4	17.6	37.0	82.3	-45.3	Peak	Vertical
166.8	17.7	17.7	35.4	82.3	-46.9	Peak	Vertical
4626.0	50.5	-9.0	41.5	82.3	-40.8	Peak	Horizontal
6386.5	49.6	-7.0	42.6	82.3	-39.7	Peak	Horizontal
4262.0	50.1	-9.2	40.9	82.3	-41.4	Peak	Vertical
6425.0	50.4	-7.2	43.2	82.3	-39.1	Peak	Vertical
High Channel							
52.8	17.0	17.7	34.7	82.3	-47.6	Peak	Horizontal
140.6	17.3	17.6	34.9	82.3	-47.4	Peak	Horizontal
39.2	18.6	17.5	36.1	82.3	-46.2	Peak	Vertical
151.7	17.2	18.1	35.3	82.3	-47.0	Peak	Vertical
4272.5	49.9	-9.1	40.8	82.3	-41.5	Peak	Horizontal
5697.0	50.3	-7.9	42.4	82.3	-39.9	Peak	Horizontal
4944.5	50.3	-8.5	41.8	82.3	-40.5	Peak	Vertical
5882.5	50.0	-7.9	42.1	82.3	-40.2	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Appendix B - Test Setup Photograph

Refer to “2209RSU001-UT” file.

Appendix C - EUT Photograph

Refer to “2209RSU001-UE” file.

The End
