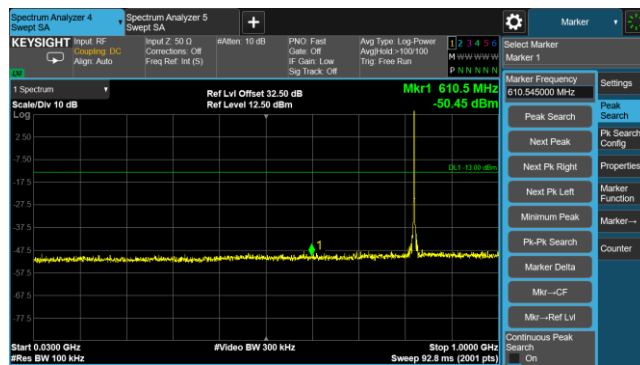
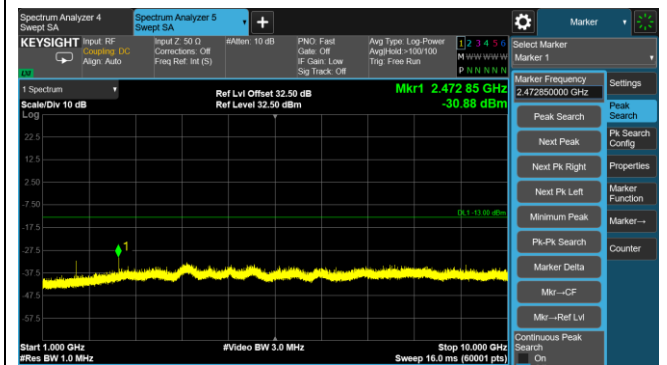


GSM 850_GPRS

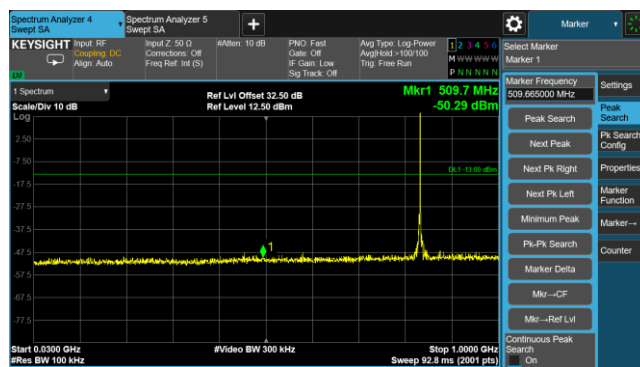
Low Channel 30 ~ 1000MHz



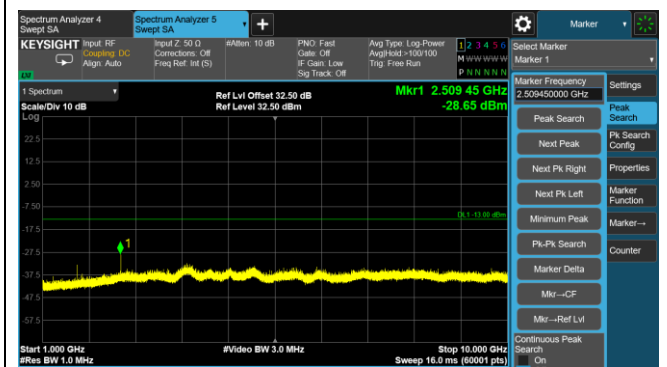
Low Channel 1000 ~ 20000MHz



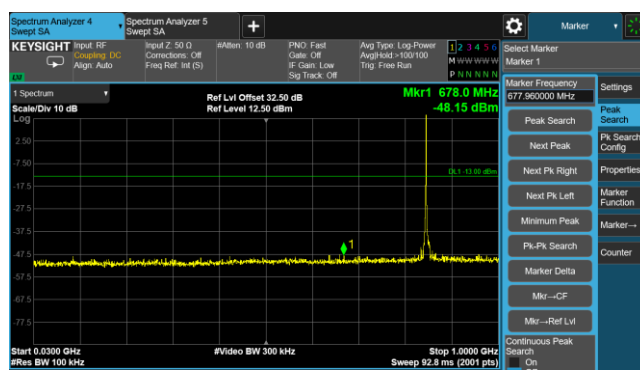
Middle Channel 30 ~ 1000MHz



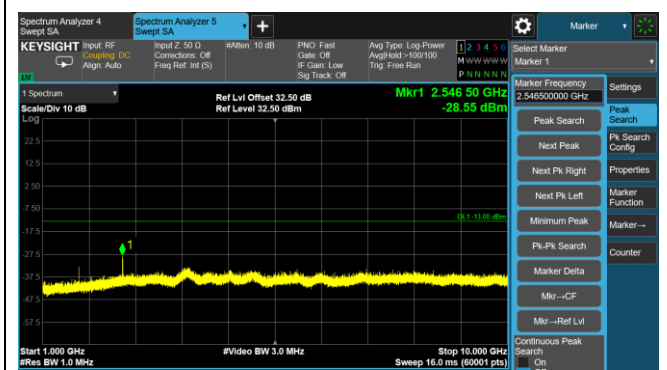
Middle Channel 1000 ~ 20000MHz



High Channel 30 ~ 1000MHz

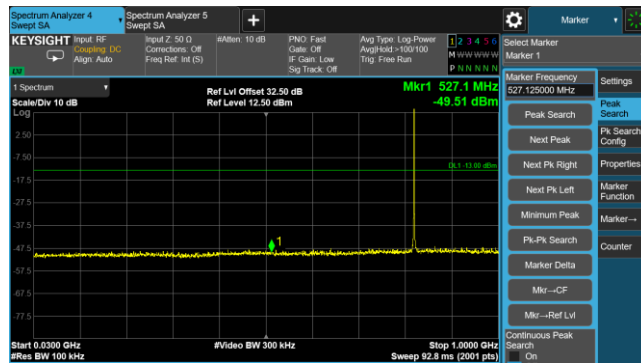


High Channel 1000 ~ 20000MHz

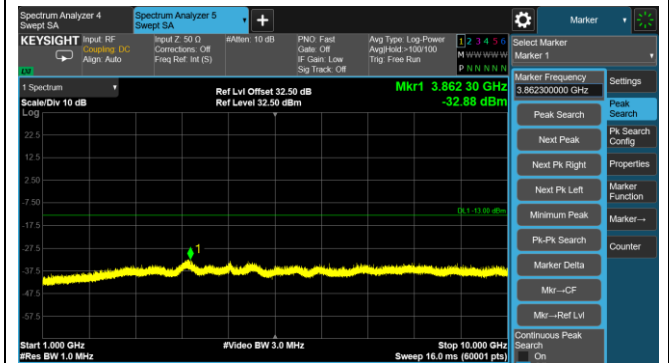


GSM 850_EGPRS

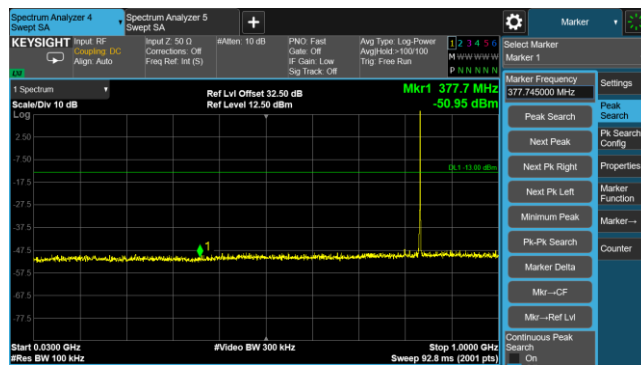
Low Channel 30 ~ 1000MHz



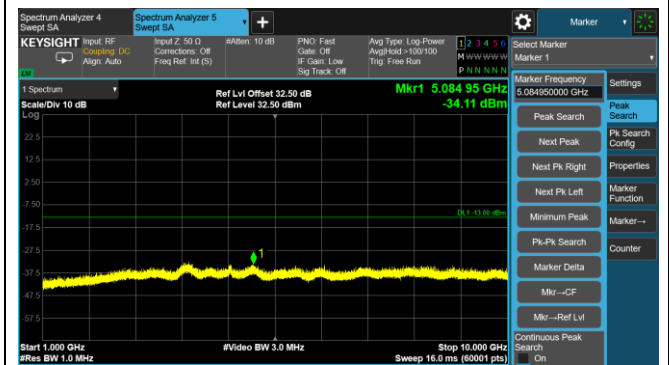
Low Channel 1000 ~ 20000MHz



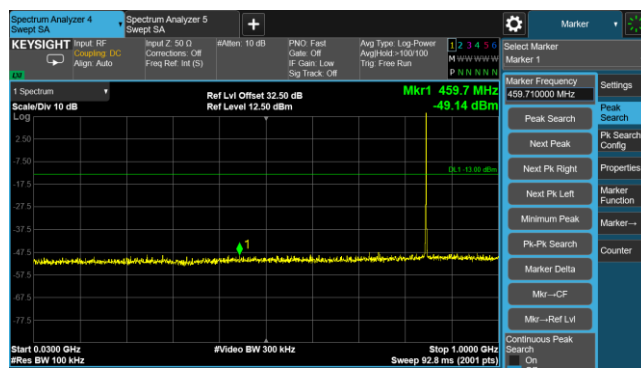
Middle Channel 30 ~ 1000MHz



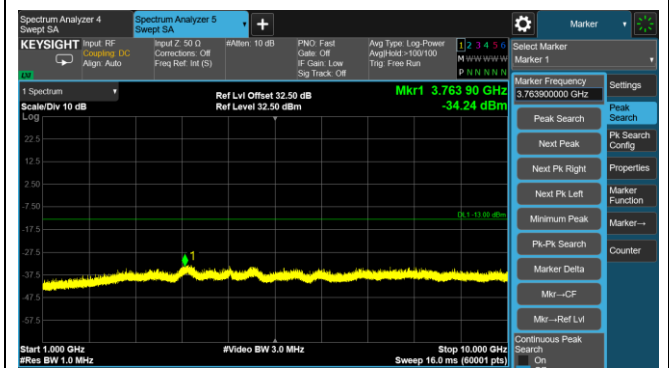
Middle Channel 1000 ~ 20000MHz



High Channel 30 ~ 1000MHz

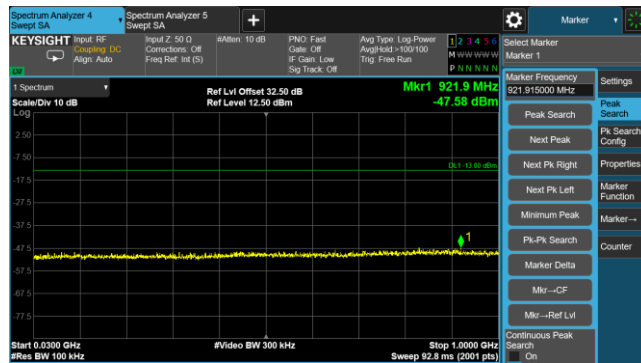


High Channel 1000 ~ 20000MHz

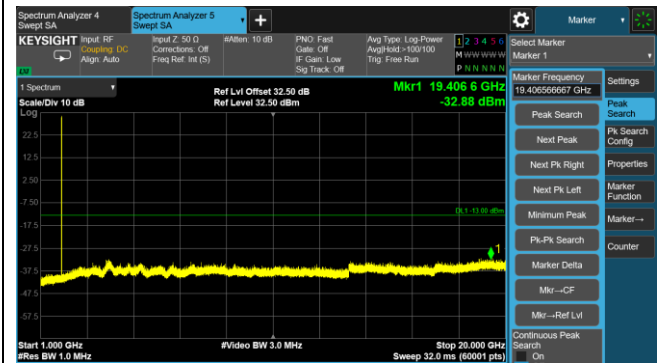


PCS 1900_GPRS

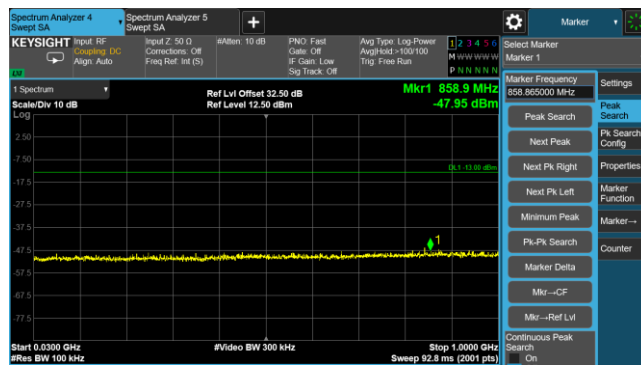
Low Channel 30 ~ 1000MHz



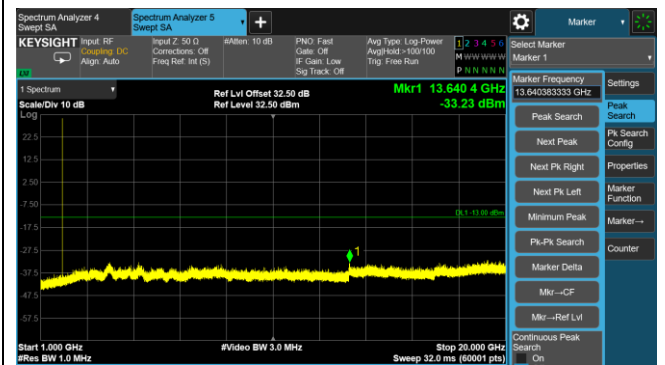
Low Channel 1000 ~ 10000MHz



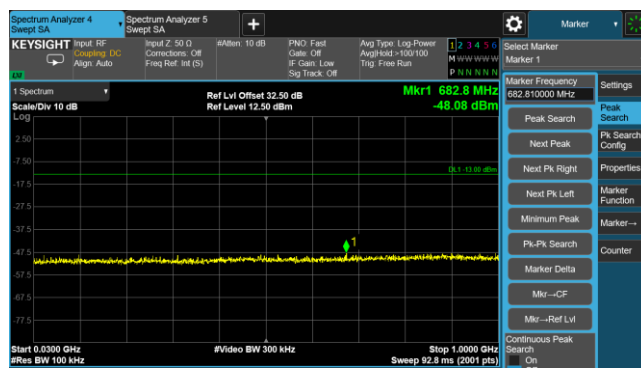
Middle Channel 30 ~ 1000MHz



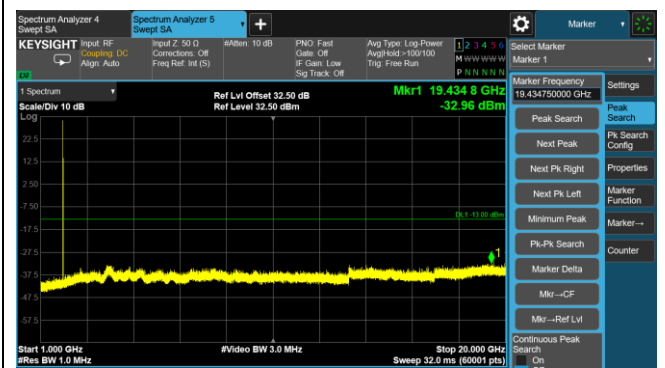
Middle Channel 1000 ~ 10000MHz



High Channel 30 ~ 1000MHz

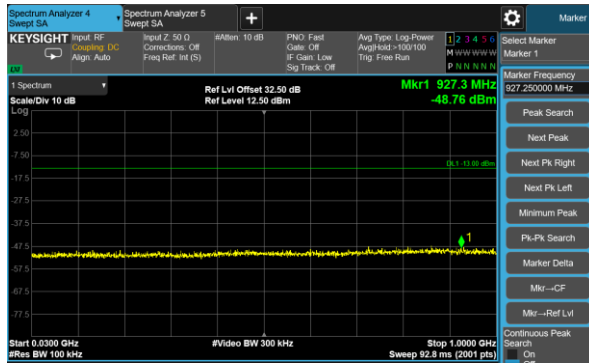


High Channel 1000 ~ 10000MHz

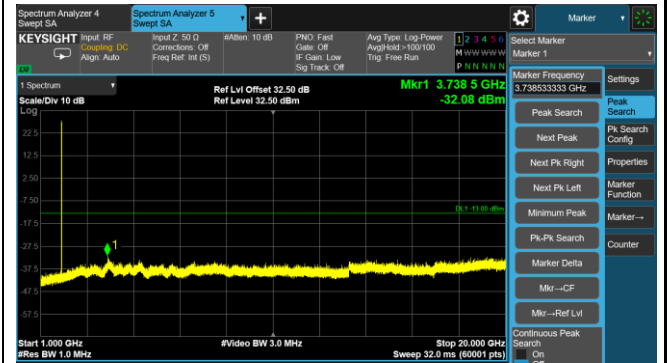


PCS 1900_EGPRS

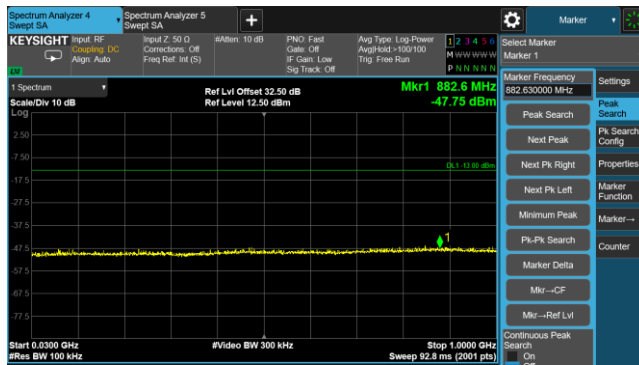
Low Channel 30 ~ 1000MHz



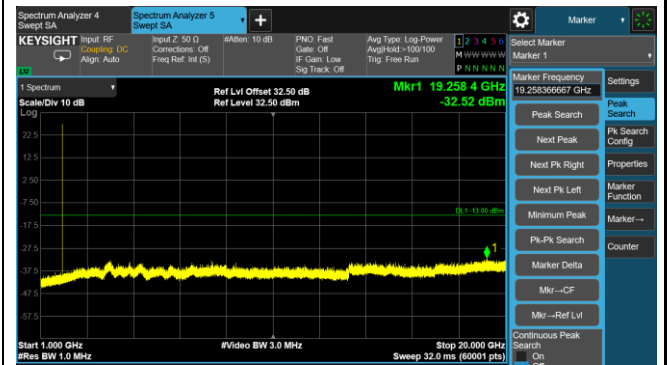
Low Channel 1000 ~ 10000MHz



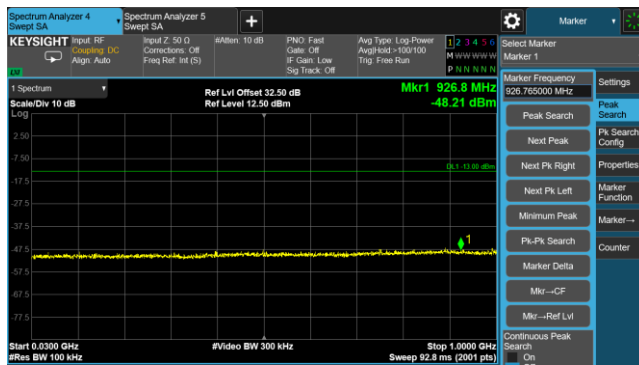
Middle Channel 30 ~ 1000MHz



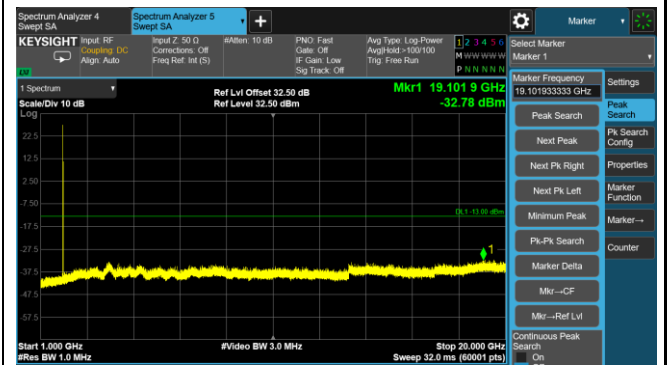
Middle Channel 1000 ~ 10000MHz



High Channel 30 ~ 1000MHz



High Channel 1000 ~ 10000MHz

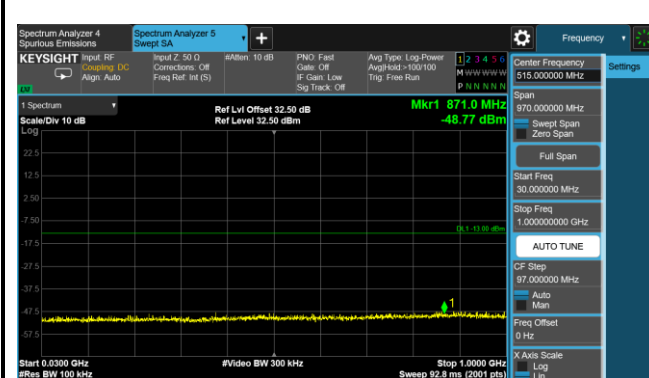


Product	LTE USB MODEM	Test Site	SIP-SR1
Test Engineer	Candy Luo	Test Date	2021/06/03~2021/06/07
Test Band	WCDMA Band II, IV, V		

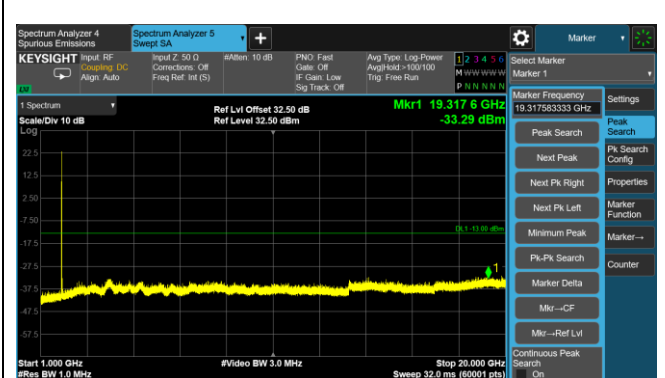
Mode	Frequency (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
WCDMA Band II	1852.6	30 ~ 1000	-48.77	≤ -13.00	Pass
		1000 ~ 20000	-33.29	≤ -13.00	Pass
	1880.0	30 ~ 1000	-49.18	≤ -13.00	Pass
		1000 ~ 20000	-32.83	≤ -13.00	Pass
	1907.4	30 ~ 1000	-49.04	≤ -13.00	Pass
		1000 ~ 20000	-31.42	≤ -13.00	Pass
WCDMA Band IV	1712.6	30 ~ 1000	-49.72	≤ -13.00	Pass
		1000 ~ 20000	-32.50	≤ -13.00	Pass
	1740.0	30 ~ 1000	-48.61	≤ -13.00	Pass
		1000 ~ 20000	-31.91	≤ -13.00	Pass
	1752.4	30 ~ 1000	-48.51	≤ -13.00	Pass
		1000 ~ 20000	-32.75	≤ -13.00	Pass
WCDMA Band V	826.6	30 ~ 1000	-51.96	≤ -13.00	Pass
		1000 ~ 10000	-33.85	≤ -13.00	Pass
	835.0	30 ~ 1000	-52.63	≤ -13.00	Pass
		1000 ~ 10000	-33.57	≤ -13.00	Pass
	846.4	30 ~ 1000	-52.10	≤ -13.00	Pass
		1000 ~ 10000	-34.50	≤ -13.00	Pass

WCDMA Band II

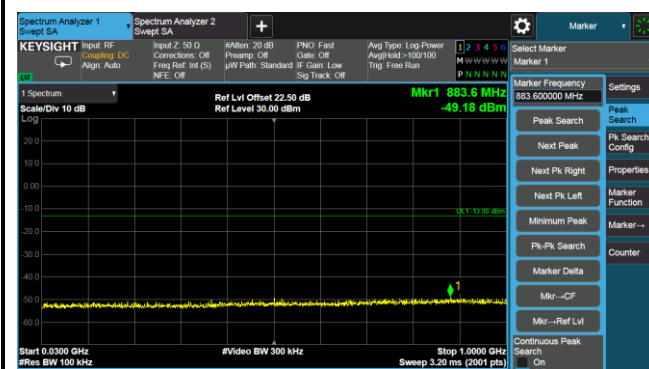
Low Channel 30 ~ 1000MHz



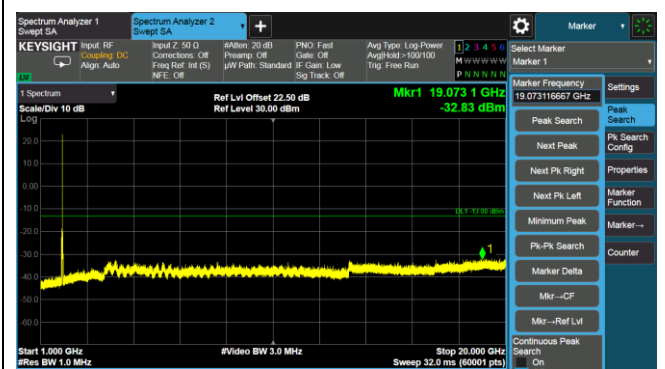
Low Channel 1000 ~ 20000MHz



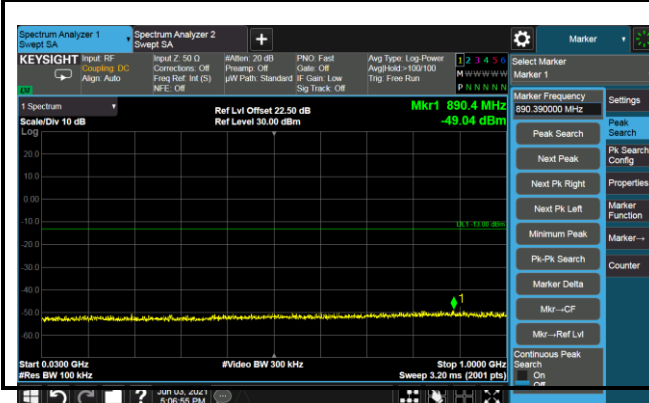
Middle Channel 30 ~ 1000MHz



Middle Channel 1000 ~ 20000MHz



High Channel 30 ~ 1000MHz

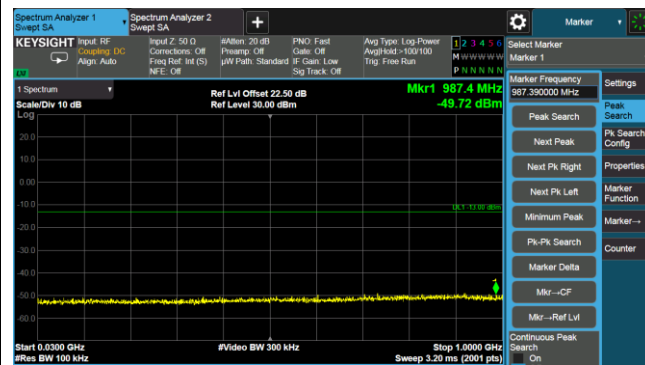


High Channel 1000 ~ 20000MHz

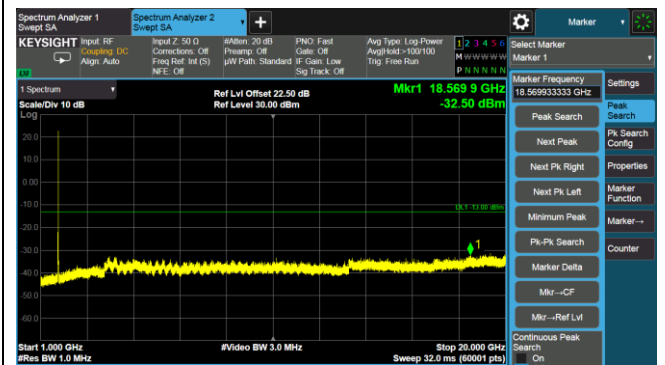


WCDMA Band IV

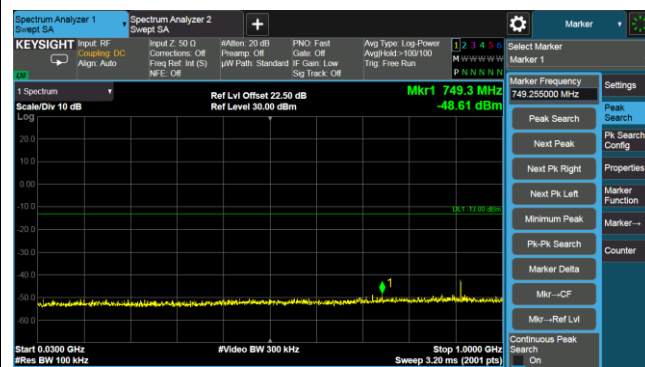
Low Channel 30 ~ 1000MHz



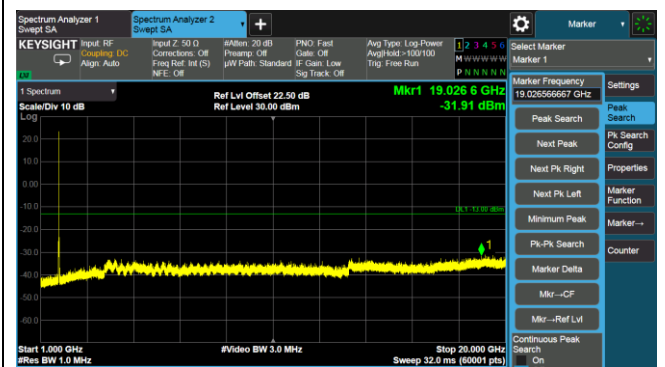
Low Channel 1000 ~ 20000MHz



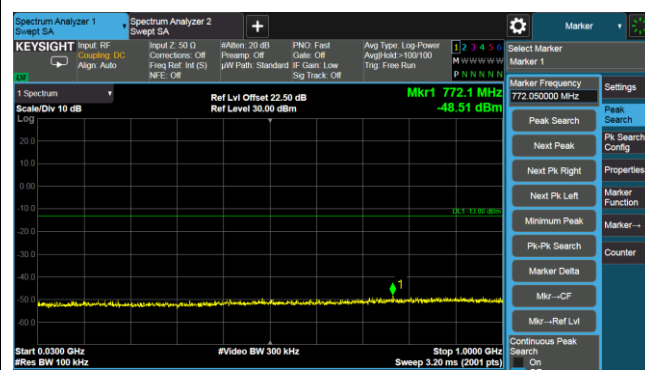
Middle Channel 30 ~ 1000MHz



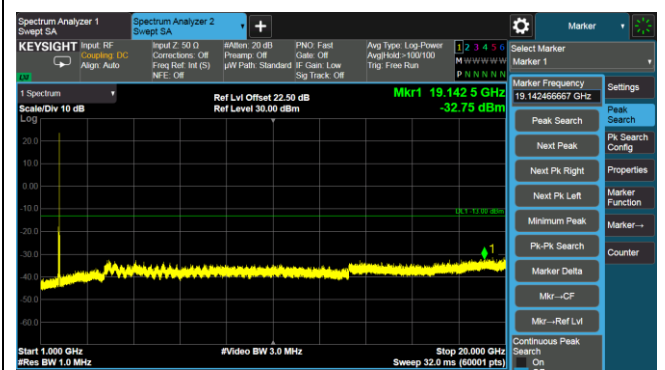
Middle Channel 1000 ~ 20000MHz



High Channel 30 ~ 1000MHz

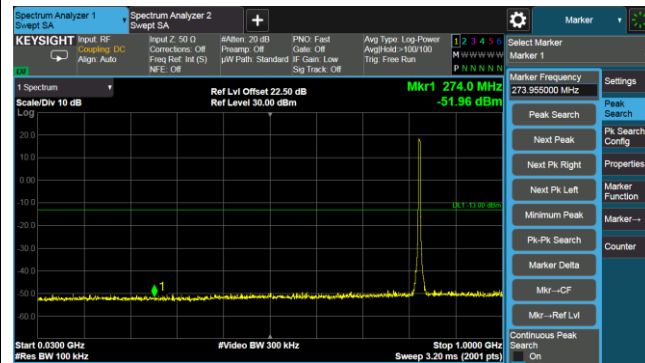


High Channel 1000 ~ 20000MHz

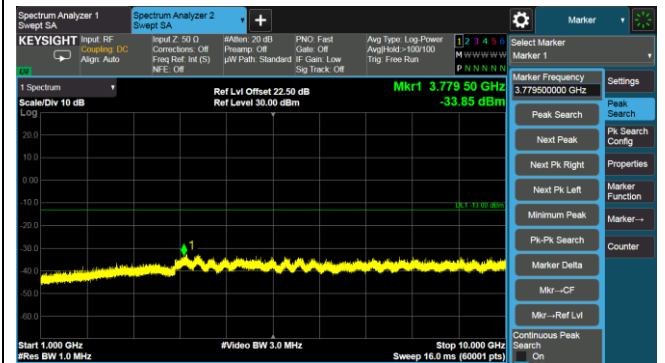


WCDMA Band V

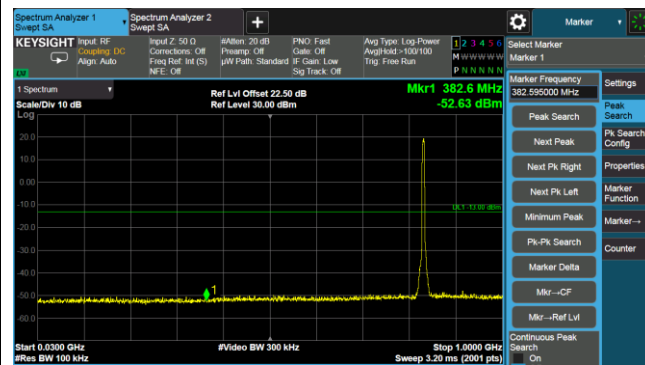
Low Channel 30 ~ 1000MHz



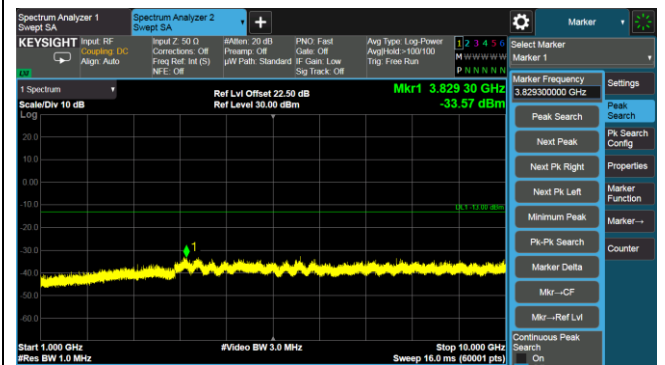
Low Channel 1000 ~ 10000MHz



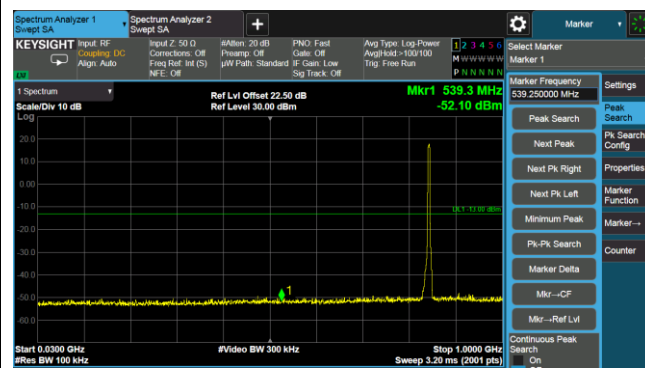
Middle Channel 30 ~ 1000MHz



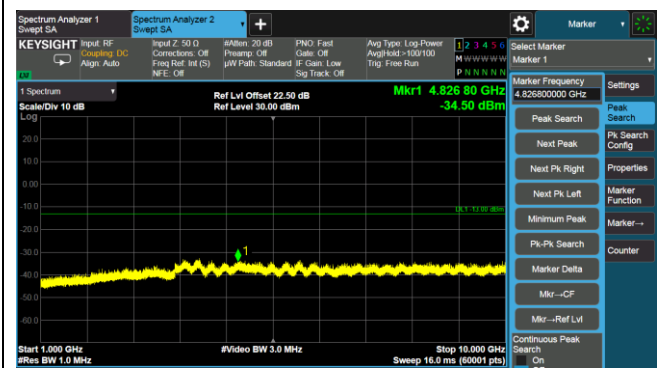
Middle Channel 1000 ~ 10000MHz



High Channel 30 ~ 1000MHz



High Channel 1000 ~ 10000MHz



4.8. Radiated Spurious Emission Measurement

4.8.1. Test Limit

Out of band emissions: The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13dBm.

$E \text{ (dB}\mu\text{V/m)} = \text{EIRP (dBm)} - 20 \log D + 104.8$; where D is the measurement distance in meters. The emission limit equal to 82.3dB $\mu\text{V/m}$.

4.8.2. Test Procedure

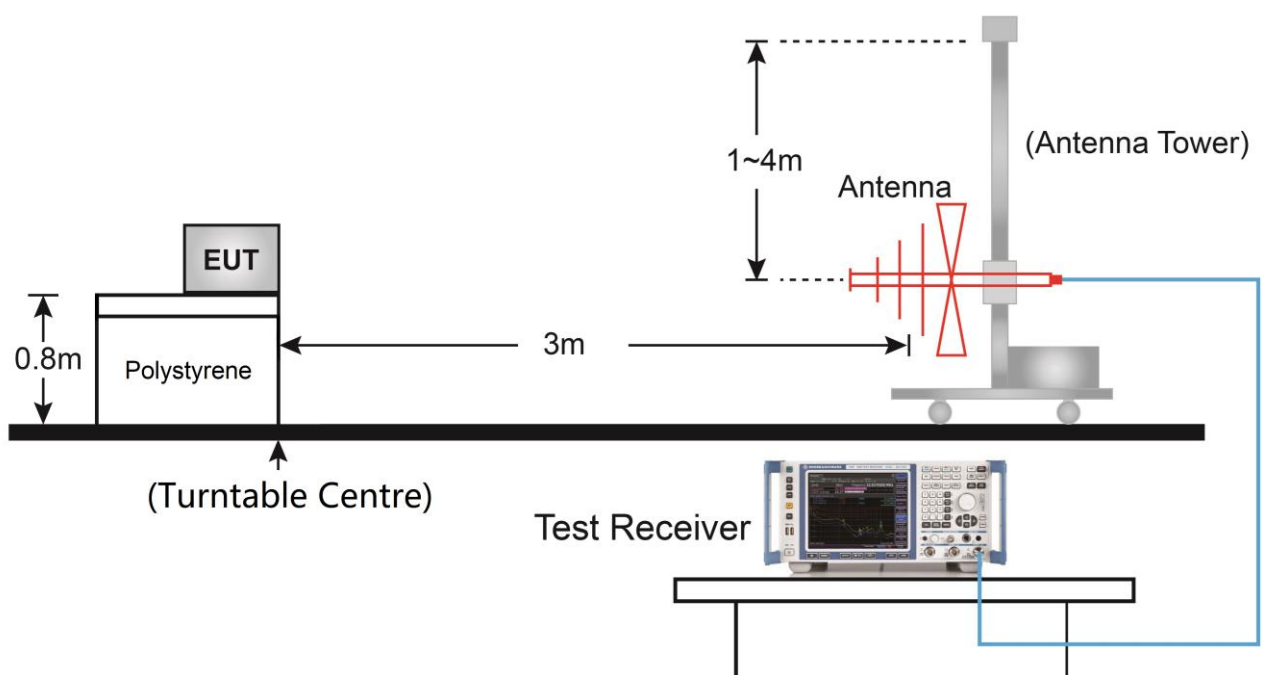
ANSI C63.26-2015 - Section 5.2.7 & 5.5

4.8.3. Test Setting

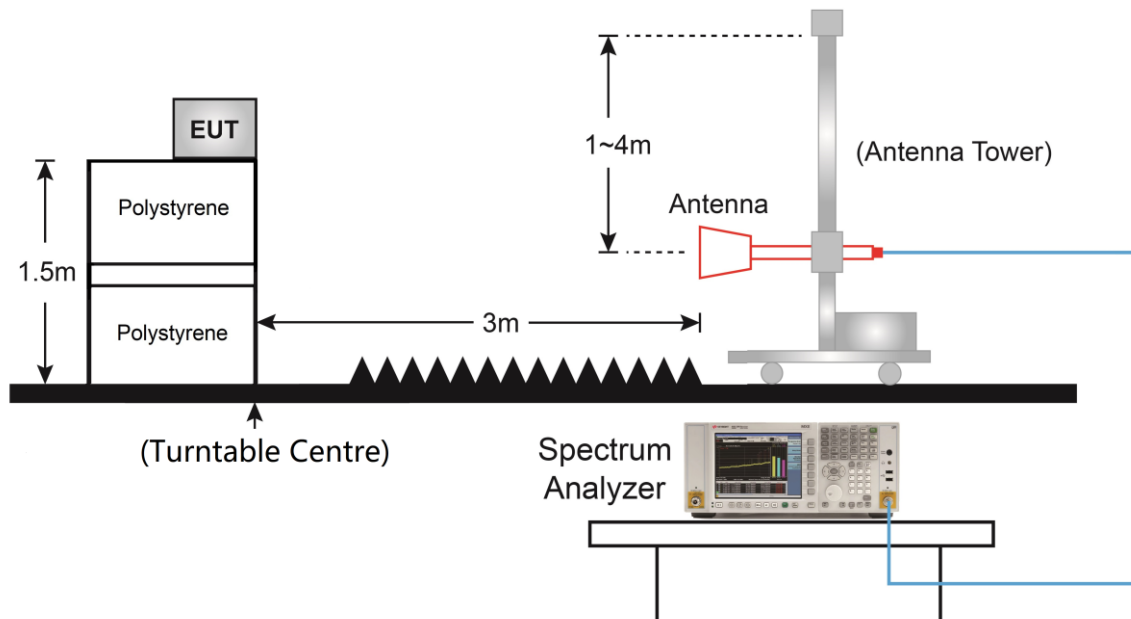
1. RBW = 1MHz
2. VBW $\geq 3 \times$ RBW
3. Sweep time $\geq 10 \times$ (number of points in sweep) $\times$ (transmission symbol period)
4. Detector = Peak
5. Trace mode = max hold
6. The trace was allowed to stabilize

4.8.4. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



4.8.5. Test Result

Product	LTE USB MODEM	Test Site	WZ-AC1
Test Engineer	Lucas Wang	Test Date	2021/06/20
Test Band	GSM 850_GPRS		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level(dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
194.9	7.1	15.6	22.7	82.3	-59.6	Peak	Horizontal
876.3	8.4	29.6	38.0	82.3	-44.3	Peak	Horizontal
47.5	7.4	18.7	26.1	82.3	-56.2	Peak	Vertical
135.7	18.9	17.7	36.6	82.3	-45.7	Peak	Vertical
1646.0	46.5	-6.3	40.2	82.3	-42.1	Peak	Horizontal
2470.5	66.7	-2.9	63.8	82.3	-18.5	Peak	Horizontal
1646.0	45.4	-6.3	39.1	82.3	-43.2	Peak	Vertical
2470.5	68.2	-2.9	65.3	82.3	-17.0	Peak	Vertical
Middle Channel							
194.9	5.9	15.6	21.5	82.3	-60.8	Peak	Horizontal
876.3	7.7	29.6	37.3	82.3	-45.0	Peak	Horizontal
47.0	6.3	18.7	25.0	82.3	-57.3	Peak	Vertical
135.7	9.6	17.7	27.3	82.3	-55.0	Peak	Vertical
1671.5	46.7	-6.3	40.4	82.3	-41.9	Peak	Horizontal
2513.0	72.0	-2.8	69.2	82.3	-13.1	Peak	Horizontal
2513.0	71.4	-2.8	68.6	82.3	-13.7	Peak	Vertical
3346.0	41.5	-0.9	40.6	82.3	-41.7	Peak	Vertical
High Channel							
194.9	8.0	15.6	23.6	82.3	-58.7	Peak	Horizontal
893.8	7.8	30.0	37.8	82.3	-44.5	Peak	Horizontal
47.0	4.9	18.7	23.6	82.3	-58.7	Peak	Vertical
135.7	10.9	17.7	28.6	82.3	-53.7	Peak	Horizontal
1697.0	49.0	-6.3	42.7	82.3	-39.6	Peak	Horizontal
2547.0	67.8	-2.7	65.1	82.3	-17.2	Peak	Vertical
2547.0	71.3	-2.7	68.6	82.3	-13.7	Peak	Vertical
3397.0	41.6	-0.7	40.9	82.3	-41.4	Peak	Horizontal
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							

Product	LTE USB MODEM	Test Site	WZ-AC1
Test Engineer	Lucas Wang	Test Date	2021/06/20
Test Band	PCS 1900_GPRS		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level(dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
135.7	10.8	17.7	28.5	82.3	-53.8	Peak	Horizontal
194.9	6.8	15.6	22.4	82.3	-59.9	Peak	Horizontal
47.5	12.7	18.7	31.4	82.3	-50.9	Peak	Vertical
194.9	5.7	15.6	21.3	82.3	-61.0	Peak	Vertical
10460.5	37.6	13.3	50.9	82.3	-31.4	Peak	Horizontal
17915.0	38.4	20.1	58.5	82.3	-23.8	Peak	Horizontal
5556.0	43.8	4.3	48.1	82.3	-34.2	Peak	Vertical
7409.0	40.8	8.7	49.5	82.3	-32.8	Peak	Vertical
Middle Channel							
135.7	16.6	17.7	34.3	82.3	-48.0	Peak	Horizontal
194.9	11.0	15.6	26.6	82.3	-55.7	Peak	Horizontal
39.7	10.7	18.1	28.8	82.3	-53.5	Peak	Vertical
47.0	11.3	18.7	30.0	82.3	-52.3	Peak	Vertical
3762.5	41.5	0.5	42.0	82.3	-40.3	Peak	Horizontal
5641.0	39.6	4.3	43.9	82.3	-38.4	Peak	Horizontal
3762.5	44.2	0.5	44.7	82.3	-37.6	Peak	Vertical
5641.0	39.6	4.3	43.9	82.3	-38.4	Peak	Vertical
High Channel							
194.9	12.2	15.6	27.8	82.3	-54.5	Peak	Horizontal
592.6	1.1	25.8	26.9	82.3	-55.4	Peak	Horizontal
47.5	10.7	18.7	29.4	82.3	-52.9	Peak	Vertical
135.7	12.3	17.7	30.0	82.3	-52.3	Peak	Vertical
7995.5	39.2	9.1	48.3	82.3	-34.0	Peak	Horizontal
11166.0	38.0	13.3	51.3	82.3	-31.0	Peak	Horizontal
3813.5	42.8	0.7	43.5	82.3	-38.8	Peak	Vertical
7188.0	37.9	8.5	46.4	82.3	-35.9	Peak	Vertical

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

Product	LTE USB MODEM	Test Site	WZ-AC1
Test Engineer	Lucas Wang	Test Date	2021/06/20
Test Band	WCDMA Band II		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level(dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
34.9	5.0	16.9	21.9	82.3	-60.4	Peak	Horizontal
996.6	1.0	30.3	31.3	82.3	-51.0	Peak	Horizontal
34.4	15.7	16.8	32.5	82.3	-49.8	Peak	Vertical
918.5	1.7	29.7	31.4	82.3	-50.9	Peak	Vertical
12160.5	32.6	19.4	52.0	82.3	-30.3	Peak	Horizontal
15144.0	33.8	21.6	55.4	82.3	-26.9	Peak	Horizontal
12033.0	33.2	18.7	51.9	82.3	-30.4	Peak	Vertical
14710.5	33.2	22.4	55.6	82.3	-26.7	Peak	Vertical
Middle Channel							
34.4	5.2	16.8	22.0	82.3	-60.3	Peak	Horizontal
912.7	1.0	29.6	30.6	82.3	-51.7	Peak	Horizontal
34.9	15.9	16.9	32.8	82.3	-49.5	Peak	Vertical
899.6	2.9	29.4	32.3	82.3	-50.0	Peak	Vertical
9075.0	34.9	14.8	49.7	82.3	-32.6	Peak	Horizontal
14642.5	33.5	21.9	55.4	82.3	-26.9	Peak	Horizontal
10239.5	35.0	16.2	51.2	82.3	-31.1	Peak	Vertical
13869.0	32.1	22.1	54.2	82.3	-28.1	Peak	Vertical
High Channel							
35.3	5.1	16.9	22.0	82.3	-60.3	Peak	Horizontal
982.5	1.3	30.2	31.5	82.3	-50.8	Peak	Horizontal
34.9	15.9	16.9	32.8	82.3	-49.5	Peak	Vertical
942.8	2.1	30.0	32.1	82.3	-50.2	Peak	Vertical
12152.0	33.6	19.4	53.0	82.3	-29.3	Peak	Horizontal
14285.5	33.2	22.6	55.8	82.3	-26.5	Peak	Horizontal
12160.5	33.0	19.4	52.4	82.3	-29.9	Peak	Vertical
15152.5	33.6	21.6	55.2	82.3	-27.1	Peak	Vertical

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

Product	LTE USB MODEM	Test Site	WZ-AC1
Test Engineer	Lucas Wang	Test Date	2021/06/20
Test Band	WCDMA Band IV		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level(dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
34.9	3.4	16.9	20.3	82.3	-62.0	Peak	Horizontal
974.8	1.6	30.1	31.7	82.3	-50.6	Peak	Horizontal
34.9	15.8	16.9	32.7	82.3	-49.6	Peak	Vertical
883.6	1.6	29.1	30.7	82.3	-51.6	Peak	Vertical
11701.5	32.4	19.4	51.8	82.3	-30.5	Peak	Horizontal
14736.0	33.5	22.5	56.0	82.3	-26.3	Peak	Horizontal
11633.5	32.2	19.5	51.7	82.3	-30.6	Peak	Vertical
14294.0	32.7	22.8	55.5	82.3	-26.8	Peak	Vertical
Middle Channel							
34.4	5.9	16.8	22.7	82.3	-59.6	Peak	Horizontal
929.2	1.5	29.8	31.3	82.3	-51.0	Peak	Horizontal
34.9	16.1	16.9	33.0	82.3	-49.3	Peak	Vertical
979.2	1.4	30.1	31.5	82.3	-50.8	Peak	Vertical
9610.5	34.7	14.9	49.6	82.3	-32.7	Peak	Horizontal
14727.5	32.8	22.6	55.4	82.3	-26.9	Peak	Horizontal
10673.0	33.9	17.2	51.1	82.3	-31.2	Peak	Vertical
14821.0	33.0	22.4	55.4	82.3	-26.9	Peak	Vertical
High Channel							
34.4	5.3	16.8	22.1	82.3	-60.2	Peak	Horizontal
989.8	1.4	30.2	31.6	82.3	-50.7	Peak	Horizontal
34.9	16.3	16.9	33.2	82.3	-49.1	Peak	Vertical
954.4	1.3	30.1	31.4	82.3	-50.9	Peak	Vertical
8641.5	34.6	13.5	48.1	82.3	-34.2	Peak	Horizontal
15203.5	33.8	21.4	55.2	82.3	-27.1	Peak	Horizontal
12135.0	32.7	19.2	51.9	82.3	-30.4	Peak	Vertical
14727.5	32.3	22.6	54.9	82.3	-27.4	Peak	Vertical

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

Product	LTE USB MODEM	Test Site	WZ-AC1
Test Engineer	Lucas Wang	Test Date	2021/06/20
Test Band	WCDMA Band V		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level(dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
35.3	4.0	16.9	20.9	82.3	-61.4	Peak	Horizontal
981.1	0.7	30.2	30.9	82.3	-51.4	Peak	Horizontal
35.3	15.2	16.9	32.1	82.3	-50.2	Peak	Vertical
917.1	1.8	29.6	31.4	82.3	-50.9	Peak	Vertical
9687.0	34.8	14.9	49.7	82.3	-32.6	Peak	Horizontal
13163.5	33.5	20.9	54.4	82.3	-27.9	Peak	Horizontal
1901.0	42.9	-3.9	39.0	82.3	-43.3	Peak	Vertical
7290.0	34.5	12.2	46.7	82.3	-35.6	Peak	Vertical
Middle Channel							
34.9	3.8	16.9	20.7	82.3	-61.6	Peak	Horizontal
985.5	1.5	30.2	31.7	82.3	-50.6	Peak	Horizontal
34.9	15.5	16.9	32.4	82.3	-49.9	Peak	Vertical
992.7	1.6	30.2	31.8	82.3	-50.5	Peak	Vertical
9109.0	33.7	15.0	48.7	82.3	-33.6	Peak	Horizontal
14838.0	32.6	22.3	54.9	82.3	-27.4	Peak	Horizontal
9627.5	35.1	14.9	50.0	82.3	-32.3	Peak	Vertical
15246.0	33.8	21.9	55.7	82.3	-26.6	Peak	Vertical
High Channel							
34.9	4.4	16.9	21.3	82.3	-61.0	Peak	Horizontal
999.5	1.5	30.3	31.8	82.3	-50.5	Peak	Horizontal
34.9	15.5	16.9	32.4	82.3	-49.9	Peak	Vertical
899.6	1.8	29.4	31.2	82.3	-51.1	Peak	Vertical
3422.5	39.1	-0.3	38.8	82.3	-43.5	Peak	Horizontal
6185.0	34.1	7.6	41.7	82.3	-40.6	Peak	Horizontal
12653.5	32.9	20.0	52.9	82.3	-29.4	Peak	Vertical
14821.0	33.2	22.4	55.6	82.3	-26.7	Peak	Vertical

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

5. CONCLUSION

The data collected relate only the item(s) tested and show that unit is compliance with FCC Rules.

The End

Appendix A - Test Setup Photograph

Refer to “2106RSU002-UT” file.

Appendix B - EUT Photograph

Refer to “2106RSU002-UE” file.