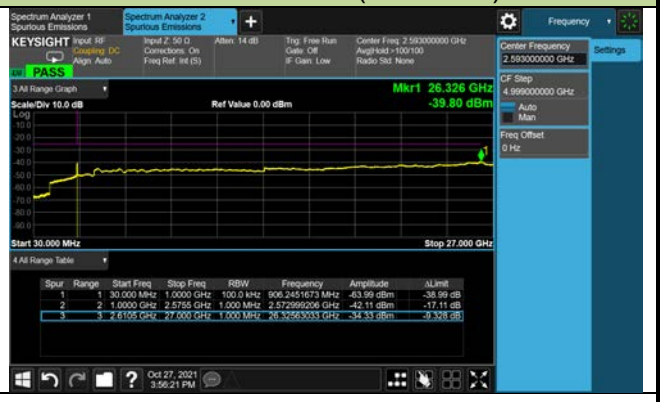
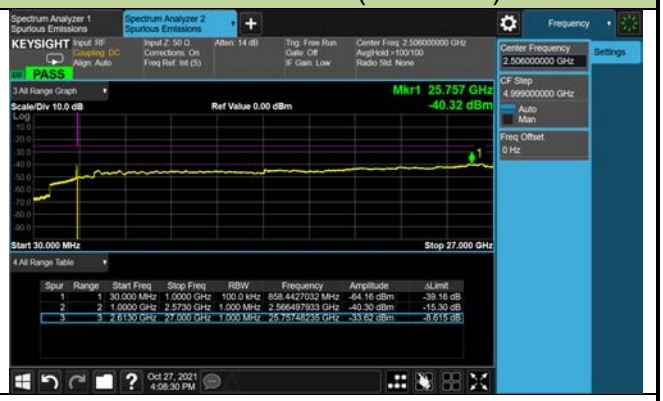
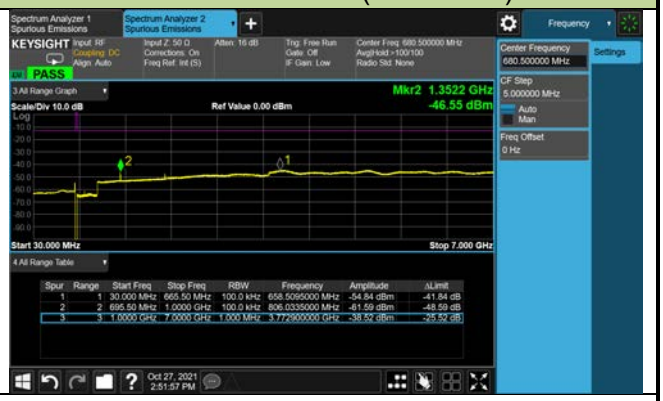
15MHz Channel Bandwidth	
Channel 39725 (2503.5MHz)	Channel 40620 (2593MHz)
	
Channel 41515 (2682.5MHz)	
	

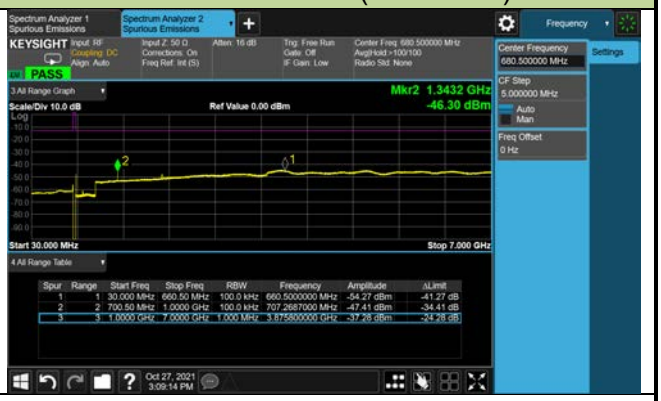
20MHz Channel Bandwidth	
Channel 39750 (2506MHz)	Channel 40620 (2593MHz)
	
Channel 41490 (2680MHz)	
	

Product	LTE Module	Test Site	SIP-SR1
Test Engineer	Candy Luo	Test Date	2021/10/27
Test Band	LTE Band 71_1RB_QPSK		

Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
133147	665.5	5	30 ~ 10000	-37.48	≤ -13.00	Pass
133297	680.5	5	30 ~ 10000	-37.71	≤ -13.00	Pass
133447	695.5	5	30 ~ 10000	-36.88	≤ -13.00	Pass
133172	668.0	10	30 ~ 10000	-37.69	≤ -13.00	Pass
133297	680.5	10	30 ~ 10000	-38.52	≤ -13.00	Pass
133422	693.0	10	30 ~ 10000	-37.44	≤ -13.00	Pass
133197	670.5	15	30 ~ 10000	-37.95	≤ -13.00	Pass
133297	680.5	15	30 ~ 10000	-38.02	≤ -13.00	Pass
133397	690.5	15	30 ~ 10000	-37.61	≤ -13.00	Pass
133222	673.0	20	30 ~ 10000	-37.72	≤ -13.00	Pass
133322	683.0	20	30 ~ 10000	-37.28	≤ -13.00	Pass
133372	688.0	20	30 ~ 10000	-36.71	≤ -13.00	Pass

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

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)	
	

5.8. Radiated Spurious Emission Measurement

5.8.1.Test Limit

The power of any emission outside of theauthorized operating frequency ranges must be attenuated below the transmitting power (P) by a factorof at least 43 + 10 log(P) dB. The emission limit equal to -13dBm.

For Band 7, 38/41, the powerof any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 55 + 10 log(P) dB. The emission limit equal to -25dBm.

For LTE Band 13, For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz (-40dBm/MHz) equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW (-50dBm) EIRP for discrete emissions of less than 700 Hz bandwidth.

E (dBμV/m) = EIRP (dBm) - 20 log D + 104.8; where D is the measurement distance in meters. The emission limit equal to 82.3dBμV/m or 70.3dBμV/m.

5.8.2.Test Procedure

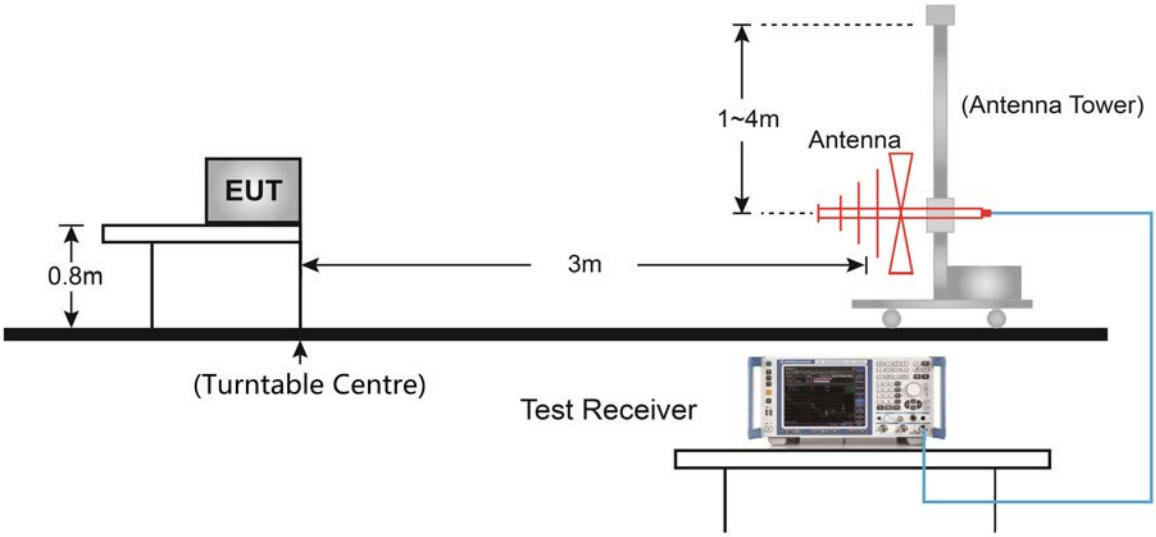
ANSI C63.26-2015 - Section 5.2.7 & 5.5

5.8.3.Test Setting

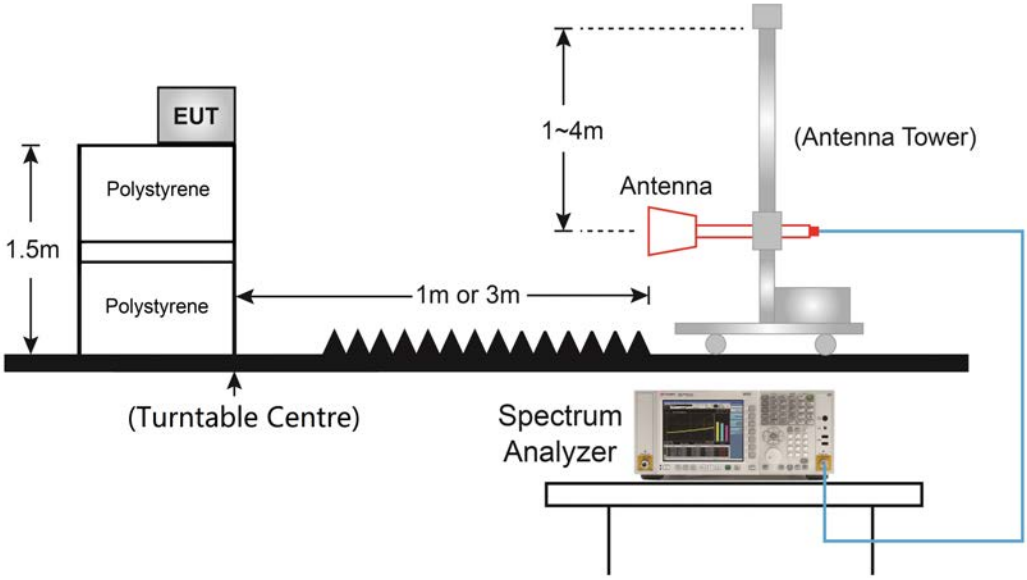
1. RBW = 1MHz
2. VBW ≥ 3*RBW
3. Sweep time ≥ 10 × (number of points in sweep) × (transmission symbol period)
4. Detector = Peak
5. Trace mode = max hold
6. The trace was allowed to stabilize

5.8.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



5.8.5.Test Result

Product	LTE Module	Test Site	SIP-AC2
Test Engineer	Allen Zou	Test Date	2021/11/04~2021/11/13
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							
68.3	8.5	16.8	25.3	82.3	-57.0	Peak	Horizontal
978.7	1.8	30.9	32.7	82.3	-49.6	Peak	Horizontal
34.4	17.8	17.5	35.3	82.3	-47.0	Peak	Vertical
817.2	2.9	29.1	32.0	82.3	-50.3	Peak	Vertical
4629.5	53.6	-11.0	42.6	82.3	-39.7	Peak	Horizontal
10452.0	51.2	-5.3	45.9	82.3	-36.4	Peak	Horizontal
5233.0	52.4	-10.0	42.4	82.3	-39.9	Peak	Vertical
7715.0	51.5	-7.0	44.5	82.3	-37.8	Peak	Vertical
Middle Channel							
129.9	9.8	17.4	27.2	82.3	-55.1	Peak	Horizontal
929.7	1.7	30.2	31.9	82.3	-50.4	Peak	Horizontal
34.4	18.2	17.5	35.7	82.3	-46.6	Peak	Vertical
976.2	1.5	30.9	32.4	82.3	-49.9	Peak	Vertical
5743.0	53.2	-9.5	43.7	82.3	-38.6	Peak	Horizontal
7672.5	51.3	-7.0	44.3	82.3	-38.0	Peak	Horizontal
4952.5	53.1	-10.3	42.8	82.3	-39.5	Peak	Vertical
9406.5	53.7	-6.0	47.7	82.3	-34.6	Peak	Vertical
High Channel							
129.9	10.1	17.4	27.5	82.3	-54.8	Peak	Horizontal
995.6	1.6	31.2	32.8	82.3	-49.5	Peak	Horizontal
34.4	18.3	17.5	35.8	82.3	-46.5	Peak	Vertical
985.9	2.1	31.0	33.1	82.3	-49.2	Peak	Vertical
4842.0	55.2	-10.6	44.6	82.3	-37.7	Peak	Horizontal
7655.5	52.1	-7.0	45.1	82.3	-37.2	Peak	Horizontal
6397.5	53.0	-8.8	44.2	82.3	-38.1	Peak	Vertical
9568.0	51.8	-5.4	46.4	82.3	-35.9	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m). Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)							

Product	LTE Module	Test Site	SIP-AC2
Test Engineer	Allen Zou	Test Date	2021/11/04~2021/11/13
Test Band	LTE Band 4/66_1RB_QPSK		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level(dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
66.9	16.1	17.0	33.1	82.3	-49.2	Peak	Horizontal
978.7	2.8	30.9	33.7	82.3	-48.6	Peak	Horizontal
30.0	20.4	16.9	37.3	82.3	-45.0	Peak	Vertical
66.4	20.2	17.1	37.3	82.3	-45.0	Peak	Vertical
6346.5	53.1	-8.9	44.2	82.3	-38.1	Peak	Horizontal
7145.5	51.5	-7.6	43.9	82.3	-38.4	Peak	Horizontal
4995.0	53.7	-10.3	43.4	82.3	-38.9	Peak	Vertical
6346.5	52.6	-8.9	43.7	82.3	-38.6	Peak	Vertical
Middle Channel							
66.9	16.4	17.0	33.4	82.3	-48.9	Peak	Horizontal
971.9	2.8	30.8	33.6	82.3	-48.7	Peak	Horizontal
30.0	20.5	16.9	37.4	82.3	-44.9	Peak	Vertical
66.9	17.7	17.0	34.7	82.3	-47.6	Peak	Vertical
5734.5	52.8	-9.6	43.2	82.3	-39.1	Peak	Horizontal
7978.5	51.8	-6.6	45.2	82.3	-37.1	Peak	Horizontal
6321.0	53.4	-8.9	44.5	82.3	-37.8	Peak	Vertical
8284.5	51.0	-5.9	45.1	82.3	-37.2	Peak	Vertical
High Channel							
66.9	15.8	17.0	32.8	82.3	-49.5	Peak	Horizontal
975.3	1.6	30.8	32.4	82.3	-49.9	Peak	Horizontal
30.0	20.9	16.9	37.8	82.3	-44.5	Peak	Vertical
66.9	20.4	17.0	37.4	82.3	-44.9	Peak	Vertical
5751.5	52.5	-9.5	43.0	82.3	-39.3	Peak	Horizontal
9848.5	51.2	-5.3	45.9	82.3	-36.4	Peak	Horizontal
6465.5	52.7	-8.8	43.9	82.3	-38.4	Peak	Vertical
10409.5	50.5	-5.3	45.2	82.3	-37.1	Peak	Vertical

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Product	LTE Module	Test Site	SIP-AC2
Test Engineer	Allen Zou	Test Date	2021/11/04~2021/11/13
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							
696.4	27.8	27.3	55.1	82.3	-27.2	Peak	Horizontal
996.6	27.6	31.2	58.8	82.3	-23.5	Peak	Horizontal
755.1	27.3	28.7	56.0	82.3	-26.3	Peak	Vertical
979.1	27.6	30.9	58.5	82.3	-23.8	Peak	Vertical
3779.5	54.3	-12.5	41.8	82.3	-40.5	Peak	Horizontal
4519.0	53.5	-11.4	42.1	82.3	-40.2	Peak	Horizontal
1901.0	63.2	-18.8	44.4	82.3	-37.9	Peak	Vertical
3813.5	53.5	-12.4	41.1	82.3	-41.2	Peak	Vertical
Middle Channel							
882.1	28.8	29.9	58.7	82.3	-23.6	Peak	Horizontal
966.1	27.3	30.7	58.0	82.3	-24.3	Peak	Horizontal
635.3	28.0	26.7	54.7	82.3	-27.6	Peak	Vertical
988.4	27.9	31.1	59.0	82.3	-23.3	Peak	Vertical
2317.5	54.4	-17.3	37.1	82.3	-45.2	Peak	Horizontal
4621.0	53.6	-11.0	42.6	82.3	-39.7	Peak	Horizontal
1901.0	57.9	-18.8	39.1	82.3	-43.2	Peak	Vertical
3728.5	53.7	-12.5	41.2	82.3	-41.1	Peak	Vertical
High Channel							
762.4	27.7	28.8	56.5	82.3	-25.8	Peak	Horizontal
984.5	27.7	31.0	58.7	82.3	-23.6	Peak	Horizontal
723.1	28.2	28.0	56.2	82.3	-26.1	Peak	Vertical
960.2	28.1	30.6	58.7	82.3	-23.6	Peak	Vertical
1697.0	58.0	-19.8	38.2	82.3	-44.1	Peak	Horizontal
3643.5	53.9	-12.7	41.2	82.3	-41.1	Peak	Horizontal
1697.0	62.4	-19.8	42.6	82.3	-39.7	Peak	Vertical
2547.0	55.7	-16.5	39.2	82.3	-43.1	Peak	Vertical

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Product	LTE Module	Test Site	SIP-AC2
Test Engineer	Allen Zou	Test Date	2021/12/08
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							
206.5	12.6	15.4	28.0	70.3	-42.3	Peak	Horizontal
957.8	2.8	31.0	33.8	70.3	-36.5	Peak	Horizontal
39.2	17.7	17.8	35.5	70.3	-34.8	Peak	Vertical
71.2	17.3	16.0	33.3	70.3	-37.0	Peak	Vertical
7128.5	43.0	0.8	43.8	70.3	-26.5	Peak	Horizontal
9355.5	42.6	5.6	48.2	70.3	-22.1	Peak	Horizontal
7502.5	43.2	2.0	45.2	70.3	-25.1	Peak	Vertical
9678.5	43.1	5.4	48.5	70.3	-21.8	Peak	Vertical
Middle Channel							
205.6	12.7	15.4	28.1	70.3	-42.2	Peak	Horizontal
928.2	2.2	30.8	33.0	70.3	-37.3	Peak	Horizontal
39.2	17.7	17.8	35.5	70.3	-34.8	Peak	Vertical
71.7	16.1	15.9	32.0	70.3	-38.3	Peak	Vertical
5811.0	44.9	-3.4	41.5	70.3	-28.8	Peak	Horizontal
7264.5	43.3	1.6	44.9	70.3	-25.4	Peak	Horizontal
7596.0	44.2	1.4	45.6	70.3	-24.7	Peak	Vertical
9457.5	41.7	5.5	47.2	70.3	-23.1	Peak	Vertical
High Channel							
206.1	12.7	15.4	28.1	70.3	-42.2	Peak	Horizontal
969.4	2.2	30.9	33.1	70.3	-37.2	Peak	Horizontal
39.2	18.1	17.8	35.9	70.3	-34.4	Peak	Vertical
71.7	15.5	15.9	31.4	70.3	-38.9	Peak	Vertical
7434.5	42.7	2.3	45.0	70.3	-25.3	Peak	Horizontal
9347.0	41.5	5.6	47.1	70.3	-23.2	Peak	Horizontal
7451.5	41.7	2.4	44.1	70.3	-26.2	Peak	Vertical
10324.5	41.3	6.5	47.8	70.3	-22.5	Peak	Vertical

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Product	LTE Module	Test Site	SIP-AC2
Test Engineer	Allen Zou	Test Date	2021/11/04~2021/11/13
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							
614.4	26.5	26.8	53.3	82.3	-29.0	Peak	Horizontal
958.3	27.3	30.6	57.9	82.3	-24.4	Peak	Horizontal
867.6	27.6	29.9	57.5	82.3	-24.8	Peak	Vertical
997.6	28.8	31.2	60.0	82.3	-22.3	Peak	Vertical
1901.0	60.9	-18.8	42.1	82.3	-40.2	Peak	Horizontal
4306.5	52.8	-11.4	41.4	82.3	-40.9	Peak	Horizontal
1884.0	65.8	-18.9	46.9	82.3	-35.4	Peak	Vertical
3762.5	54.6	-12.4	42.2	82.3	-40.1	Peak	Vertical
Middle Channel							
738.1	29.8	28.4	58.2	82.3	-24.1	Peak	Horizontal
993.2	27.5	31.2	58.7	82.3	-23.6	Peak	Horizontal
862.3	27.3	29.9	57.2	82.3	-25.1	Peak	Vertical
981.1	27.8	30.9	58.7	82.3	-23.6	Peak	Vertical
3805.0	53.3	-12.4	40.9	82.3	-41.4	Peak	Horizontal
4638.0	53.6	-11.0	42.6	82.3	-39.7	Peak	Horizontal
2122.0	57.4	-17.9	39.5	82.3	-42.8	Peak	Vertical
3737.0	54.1	-12.5	41.6	82.3	-40.7	Peak	Vertical
High Channel							
872.9	27.9	29.9	57.8	82.3	-24.5	Peak	Horizontal
938.9	28.7	30.4	59.1	82.3	-23.2	Peak	Horizontal
957.3	28.8	30.5	59.3	82.3	-23.0	Peak	Vertical
983.5	28.3	31.0	59.3	82.3	-23.0	Peak	Vertical
3184.5	54.1	-13.9	40.2	82.3	-42.1	Peak	Horizontal
3745.5	53.3	-12.4	40.9	82.3	-41.4	Peak	Horizontal
3057.0	54.1	-14.4	39.7	82.3	-42.6	Peak	Vertical
3694.5	53.4	-12.6	40.8	82.3	-41.5	Peak	Vertical

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Product	LTE Module	Test Site	SIP-AC2
Test Engineer	Allen Zou	Test Date	2021/11/04~2021/11/13
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							
883.1	28.7	29.9	58.6	82.3	-23.7	Peak	Horizontal
990.8	27.4	31.1	58.5	82.3	-23.8	Peak	Horizontal
897.2	27.7	29.9	57.6	82.3	-24.7	Peak	Vertical
957.8	28.4	30.5	58.9	82.3	-23.4	Peak	Vertical
1586.5	54.0	-20.4	33.6	55.3	-21.7	Peak	Horizontal
5063.0	53.1	-10.0	43.1	82.3	-39.2	Peak	Horizontal
1603.5	54.9	-20.3	34.6	55.3	-20.7	Peak	Vertical
4952.5	53.1	-10.3	42.8	82.3	-39.5	Peak	Vertical
Middle Channel							
847.7	27.7	29.9	57.6	82.3	-24.7	Peak	Horizontal
989.8	27.5	31.1	58.6	82.3	-23.7	Peak	Horizontal
874.4	27.5	29.9	57.4	82.3	-24.9	Peak	Vertical
964.6	28.7	30.6	59.3	82.3	-23.0	Peak	Vertical
1569.5	56.9	-20.5	36.4	55.3	-18.9	Peak	Horizontal
1765.0	60.5	-19.4	41.1	82.3	-41.2	Peak	Horizontal
1569.5	54.9	-20.5	34.4	55.3	-20.9	Peak	Vertical
1765.0	58.0	-19.4	38.6	82.3	-43.7	Peak	Vertical
High Channel							
705.6	27.9	27.6	55.5	82.3	-26.8	Peak	Horizontal
984.0	28.1	31.0	59.1	82.3	-23.2	Peak	Horizontal
898.6	28.2	29.9	58.1	82.3	-24.2	Peak	Vertical
980.6	28.8	30.9	59.7	82.3	-22.6	Peak	Vertical
1569.5	56.4	-20.5	35.9	55.3	-19.4	Peak	Horizontal
5743.0	53.5	-9.5	44.0	82.3	-38.3	Peak	Horizontal
1569.5	54.7	-20.5	34.2	55.3	-21.1	Peak	Vertical
6227.5	53.2	-9.0	44.2	82.3	-38.1	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							
Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)							

Product	LTE Module	Test Site	SIP-AC2
Test Engineer	Allen Zou	Test Date	2021/11/29
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							
67.8	22.7	16.0	38.7	82.3	-43.6	Peak	Horizontal
431.6	21.4	21.8	43.2	82.3	-39.1	Peak	Horizontal
35.3	23.9	17.3	41.2	82.3	-41.1	Peak	Vertical
109.5	24.3	15.0	39.3	82.3	-43.0	Peak	Vertical
5088.5	50.4	-9.1	41.3	82.3	-41.0	Peak	Horizontal
7757.5	49.5	-5.9	43.6	82.3	-38.7	Peak	Horizontal
6193.5	50.0	-8.3	41.7	82.3	-40.6	Peak	Vertical
9372.5	48.0	-3.6	44.4	82.3	-37.9	Peak	Vertical
Middle Channel							
388.4	21.5	20.7	42.2	82.3	-40.1	Peak	Horizontal
583.9	22.2	25.0	47.2	82.3	-35.1	Peak	Horizontal
384.5	21.1	20.6	41.7	82.3	-40.6	Peak	Vertical
516.9	22.0	23.6	45.6	82.3	-36.7	Peak	Vertical
6465.5	50.1	-7.9	42.2	82.3	-40.1	Peak	Horizontal
9721.0	47.7	-3.5	44.2	82.3	-38.1	Peak	Horizontal
6448.5	50.1	-8.0	42.1	82.3	-40.2	Peak	Vertical
9729.5	47.5	-3.6	43.9	82.3	-38.4	Peak	Vertical
High Channel							
498.5	21.4	23.3	44.7	82.3	-37.6	Peak	Horizontal
594.5	22.1	25.4	47.5	82.3	-34.8	Peak	Horizontal
40.2	25.5	17.9	43.4	82.3	-38.9	Peak	Vertical
923.9	21.1	29.8	50.9	82.3	-31.4	Peak	Vertical
8607.5	48.7	-4.2	44.5	82.3	-37.8	Peak	Horizontal
10911.0	48.1	-3.1	45.0	82.3	-37.3	Peak	Horizontal
7009.5	49.4	-6.9	42.5	82.3	-39.8	Peak	Vertical
9372.5	47.8	-3.6	44.2	82.3	-38.1	Peak	Vertical

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Product	LTE Module	Test Site	SIP-AC2
Test Engineer	Allen Zou	Test Date	2021/11/04~2021/11/13
Test Band	LTE Band 38/41_HPUE, 1RB, QPSK		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level(dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
66.9	16.7	17.0	33.7	70.3	-36.6	Peak	Horizontal
879.7	3.3	30.0	33.3	70.3	-37.0	Peak	Horizontal
30.0	20.9	16.9	37.8	70.3	-32.5	Peak	Vertical
66.4	20.7	17.1	37.8	70.3	-32.5	Peak	Vertical
14056.0	47.7	1.3	49.0	70.3	-21.3	Peak	Horizontal
17660.0	46.3	5.1	51.4	70.3	-18.9	Peak	Horizontal
13911.5	47.7	0.6	48.3	70.3	-22.0	Peak	Vertical
17915.0	46.2	5.4	51.6	70.3	-18.7	Peak	Vertical
Middle Channel							
66.9	16.6	17.0	33.6	70.3	-36.7	Peak	Horizontal
948.6	3.0	30.5	33.5	70.3	-36.8	Peak	Horizontal
30.0	20.7	16.9	37.6	70.3	-32.7	Peak	Vertical
66.9	20.4	17.0	37.4	70.3	-32.9	Peak	Vertical
14285.5	47.1	1.6	48.7	70.3	-21.6	Peak	Horizontal
17779.0	45.0	5.6	50.6	70.3	-19.7	Peak	Horizontal
13741.5	49.0	0.2	49.2	70.3	-21.1	Peak	Vertical
17787.5	46.2	5.5	51.7	70.3	-18.6	Peak	Vertical
High Channel							
67.3	16.6	16.9	33.5	70.3	-36.8	Peak	Horizontal
966.5	3.3	30.7	34.0	70.3	-36.3	Peak	Horizontal
30.0	20.0	16.9	36.9	70.3	-33.4	Peak	Vertical
66.4	18.5	17.1	35.6	70.3	-34.7	Peak	Vertical
13988.0	47.2	0.8	48.0	70.3	-22.3	Peak	Horizontal
17813.0	45.5	5.2	50.7	70.3	-19.6	Peak	Horizontal
14192.0	46.9	1.3	48.2	70.3	-22.1	Peak	Vertical
17473.0	46.2	5.0	51.2	70.3	-19.1	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							
Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)							

Product	LTE Module	Test Site	SIP-AC2
Test Engineer	Allen Zou	Test Date	2021/11/04~2021/11/13
Test Band	LTE Band 71, 1RB, QPSK		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level(dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
618.3	22.0	26.7	48.7	82.3	-33.6	Peak	Horizontal
874.9	18.1	29.9	48.0	82.3	-34.3	Peak	Horizontal
873.9	26.9	29.9	56.8	82.3	-25.5	Peak	Vertical
970.4	27.2	30.8	58.0	82.3	-24.3	Peak	Vertical
1323.0	62.6	-21.9	40.7	82.3	-41.6	Peak	Horizontal
4621.0	52.0	-11.0	41.0	82.3	-41.3	Peak	Horizontal
1323.0	58.3	-21.9	36.4	82.3	-45.9	Peak	Vertical
3524.5	52.7	-13.0	39.7	82.3	-42.6	Peak	Vertical
Middle Channel							
829.3	28.1	29.5	57.6	82.3	-24.7	Peak	Horizontal
960.2	27.5	30.6	58.1	82.3	-24.2	Peak	Horizontal
890.9	27.9	29.9	57.8	82.3	-24.5	Peak	Vertical
999.0	27.6	31.2	58.8	82.3	-23.5	Peak	Vertical
1348.5	58.5	-21.7	36.8	82.3	-45.5	Peak	Horizontal
3762.5	51.5	-12.4	39.1	82.3	-43.2	Peak	Horizontal
1348.5	55.7	-21.7	34.0	82.3	-48.3	Peak	Vertical
3439.5	52.2	-13.1	39.1	82.3	-43.2	Peak	Vertical
Top CH 23825 (713.5MHz)							
869.1	28.1	29.9	58.0	82.3	-24.3	Peak	Horizontal
995.2	27.5	31.2	58.7	82.3	-23.6	Peak	Horizontal
889.9	29.0	29.9	58.9	82.3	-23.4	Peak	Vertical
993.2	27.0	31.2	58.2	82.3	-24.1	Peak	Vertical
3244.0	52.2	-13.5	38.7	82.3	-43.6	Peak	Horizontal
4629.5	51.9	-11.0	40.9	82.3	-41.4	Peak	Horizontal
1391.0	56.3	-21.6	34.7	82.3	-47.6	Peak	Vertical
2436.5	55.2	-16.8	38.4	82.3	-43.9	Peak	Vertical

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

6. 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 “2110RSU029-UT” file.

Appendix B - EUT Photograph

Refer to “2110RSU029-UE” file.