

Product	LTE Module	Test Site	SIP-AC2
Test Engineer	Allen Zou	Test Date	2021/11/04~2021/11/13
Test Band	LTE Band 42, 1RB, QPSK		

Frequency (MHz)	Reading Level (dB μ V)	Factor (dB/m)	Measure Level(dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
Low Channel							
71.23	21.58	15.31	36.89	82.30	-45.41	Peak	Horizontal
922.89	2.33	29.83	32.16	82.30	-50.14	Peak	Horizontal
31.46	21.95	16.63	38.58	82.30	-43.72	Peak	Vertical
71.23	21.86	15.31	37.17	82.30	-45.13	Peak	Vertical
16776.00	45.05	4.84	49.89	82.30	-32.41	Peak	Horizontal
17753.50	44.56	5.37	49.93	82.30	-32.37	Peak	Horizontal
16325.50	45.98	3.40	49.38	82.30	-32.92	Peak	Vertical
17252.00	48.05	4.43	52.48	82.30	-29.82	Peak	Vertical
Middle Channel							
30.00	15.17	16.37	31.54	82.30	-50.76	Peak	Horizontal
72.20	21.49	15.12	36.61	82.30	-45.69	Peak	Horizontal
30.00	22.60	16.37	38.97	82.30	-43.33	Peak	Vertical
70.74	21.78	15.40	37.18	82.30	-45.12	Peak	Vertical
16691.00	45.35	4.39	49.74	82.30	-32.56	Peak	Horizontal
17779.00	45.24	5.61	50.85	82.30	-31.45	Peak	Horizontal
10494.50	52.02	-2.97	49.05	82.30	-33.25	Peak	Vertical
17490.00	47.91	5.06	52.97	82.30	-29.33	Peak	Vertical
High Channel							
30.00	14.70	16.37	31.07	82.30	-51.23	Peak	Horizontal
71.23	20.62	15.31	35.93	82.30	-46.37	Peak	Horizontal
30.00	22.65	16.37	39.02	82.30	-43.28	Peak	Vertical
71.23	21.71	15.31	37.02	82.30	-45.28	Peak	Vertical
16453.00	45.18	4.26	49.44	82.30	-32.86	Peak	Horizontal
17719.50	45.45	4.78	50.23	82.30	-32.07	Peak	Horizontal
10639.00	53.15	-3.24	49.91	82.30	-32.39	Peak	Vertical
17728.00	48.29	4.60	52.89	82.30	-29.41	Peak	Vertical

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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 43, 1RB, QPSK		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level(dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
71.23	16.59	15.31	31.90	82.30	-50.40	Peak	Horizontal
952.96	2.16	30.16	32.32	82.30	-49.98	Peak	Horizontal
30.00	20.23	16.37	36.60	82.30	-45.70	Peak	Vertical
950.53	2.42	30.17	32.59	82.30	-49.71	Peak	Vertical
16461.50	44.85	4.43	49.28	82.30	-33.02	Peak	Horizontal
17753.50	44.71	5.37	50.08	82.30	-32.22	Peak	Horizontal
7400.50	51.89	-6.37	45.52	82.30	-36.78	Peak	Vertical
17957.50	44.81	5.41	50.22	82.30	-32.08	Peak	Vertical
Middle Channel							
71.71	17.07	15.22	32.29	82.30	-50.01	Peak	Horizontal
936.95	2.70	30.04	32.74	82.30	-49.56	Peak	Horizontal
30.97	20.15	16.53	36.68	82.30	-45.62	Peak	Vertical
72.20	18.49	15.12	33.61	82.30	-48.69	Peak	Vertical
16589.00	45.75	4.11	49.86	82.30	-32.44	Peak	Horizontal
17779.00	44.79	5.61	50.40	82.30	-31.90	Peak	Horizontal
7494.00	54.17	-6.33	47.84	82.30	-34.46	Peak	Vertical
17762.00	44.38	5.62	50.00	82.30	-32.30	Peak	Vertical
High Channel							
71.23	17.18	15.31	32.49	82.30	-49.81	Peak	Horizontal
952.47	2.26	30.16	32.42	82.30	-49.88	Peak	Horizontal
30.00	20.32	16.37	36.69	82.30	-45.61	Peak	Vertical
931.13	2.25	30.00	32.25	82.30	-50.05	Peak	Vertical
16470.00	44.98	4.60	49.58	82.30	-32.72	Peak	Horizontal
17915.00	45.45	5.36	50.81	82.30	-31.49	Peak	Horizontal
11395.50	49.70	-3.57	46.13	82.30	-36.17	Peak	Vertical
17762.00	44.83	5.62	50.45	82.30	-31.85	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							
843.83	22.32	28.27	50.59	82.30	-31.71	Peak	Horizontal
933.56	21.86	30.02	51.88	82.30	-30.42	Peak	Horizontal
883.60	22.39	29.16	51.55	82.30	-30.75	Peak	Vertical
930.65	22.99	29.99	52.98	82.30	-29.32	Peak	Vertical
15254.50	45.81	2.70	48.51	82.30	-33.79	Peak	Horizontal
16886.50	45.01	4.60	49.61	82.30	-32.69	Peak	Horizontal
15747.50	46.02	3.34	49.36	82.30	-32.94	Peak	Vertical
17677.00	45.17	5.61	50.78	82.30	-31.52	Peak	Vertical
Middle Channel							
888.45	22.04	29.14	51.18	82.30	-31.12	Peak	Horizontal
935.98	21.71	30.04	51.75	82.30	-30.55	Peak	Horizontal
790.97	21.83	28.35	50.18	82.30	-32.12	Peak	Vertical
947.14	23.02	30.16	53.18	82.30	-29.12	Peak	Vertical
16776.00	45.28	4.84	50.12	82.30	-32.18	Peak	Horizontal
17770.50	44.89	5.61	50.50	82.30	-31.80	Peak	Horizontal
16844.00	45.88	4.46	50.34	82.30	-31.96	Peak	Vertical
17915.00	45.25	5.36	50.61	82.30	-31.69	Peak	Vertical
High Channel							
846.74	22.98	28.20	51.18	82.30	-31.12	Peak	Horizontal
914.16	23.44	29.64	53.08	82.30	-29.22	Peak	Horizontal
811.82	23.83	28.68	52.51	82.30	-29.79	Peak	Vertical
951.02	21.95	30.17	52.12	82.30	-30.18	Peak	Vertical
16827.00	46.33	4.31	50.64	82.30	-31.66	Peak	Horizontal
18000.00	44.88	5.63	50.51	82.30	-31.79	Peak	Horizontal
16801.50	45.90	4.55	50.45	82.30	-31.85	Peak	Vertical
17745.00	45.74	5.11	50.85	82.30	-31.45	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 "2110RSU053-UT" file.

Appendix B - EUT Photograph

Refer to "2110RSU053-UE" file.