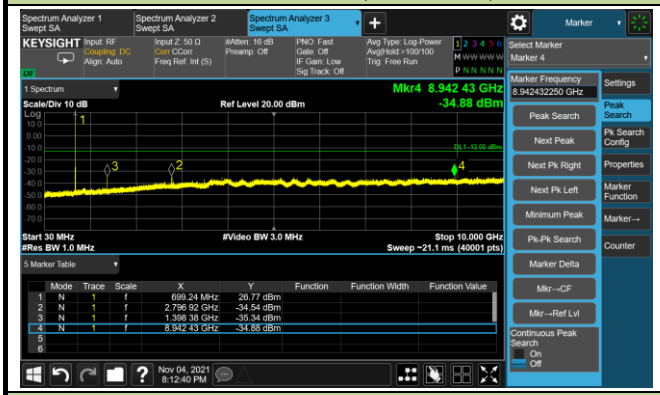
1.4MHz Channel Bandwidth

Channel 23017 (699.7MHz)

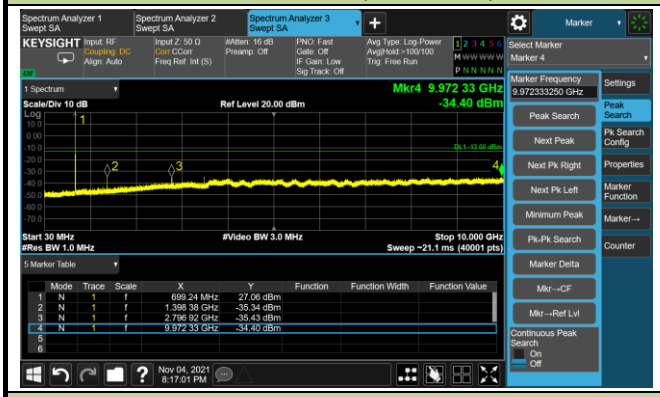


Channel 23095 (707.5MHz)

Channel 23173 (715.3MHz)

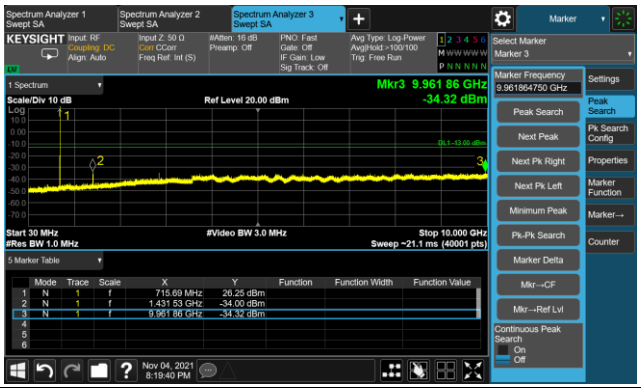
3MHz Channel Bandwidth

Channel 23025 (700.5MHz)



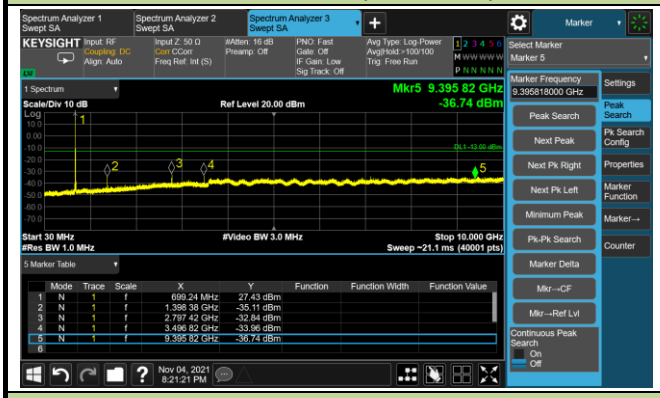
Channel 23095 (707.5MHz)

Channel 23165 (714.5MHz)



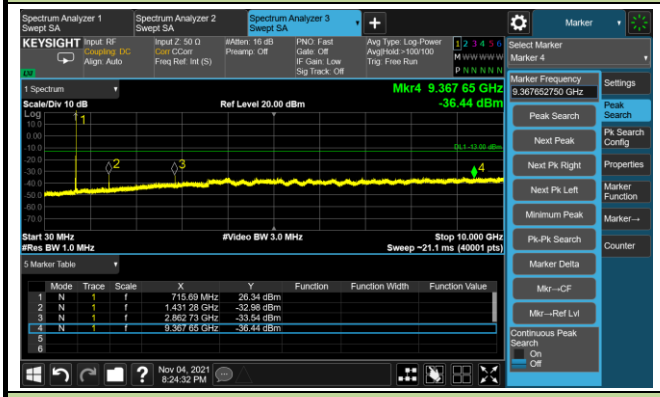
5MHz Channel Bandwidth

Channel 23035 (701.5MHz)



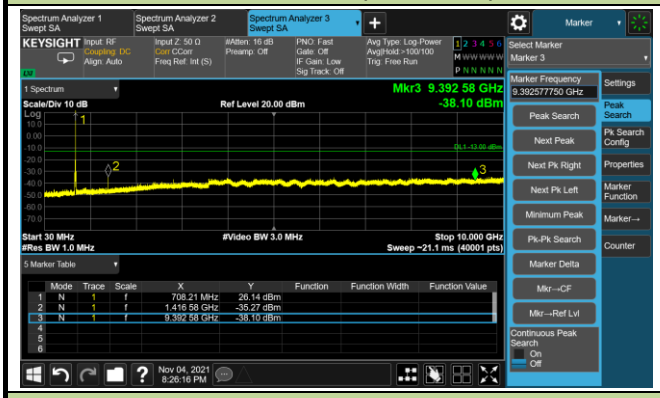
Channel 23095 (707.5MHz)

Channel 23165 (714.5MHz)

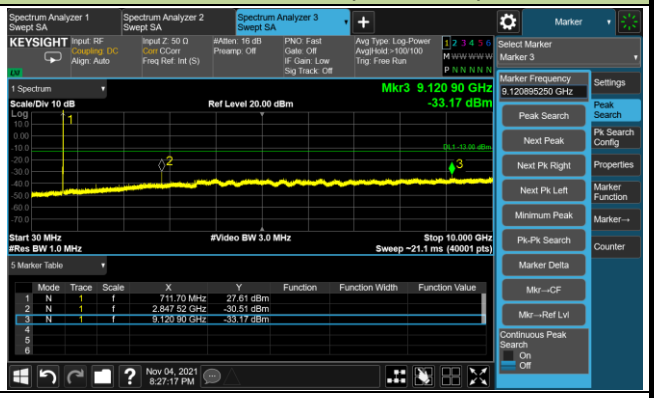


10MHz Channel Bandwidth

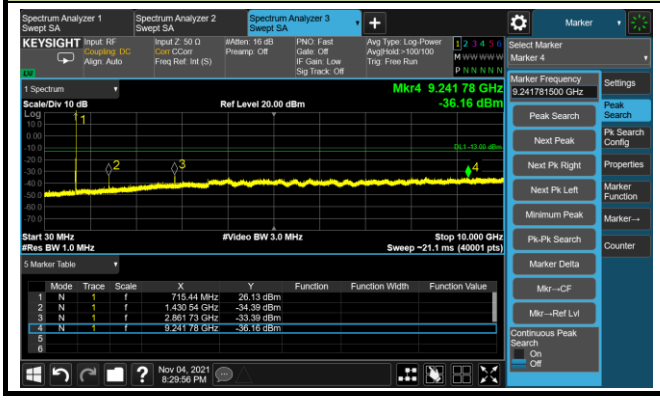
Channel 23060 (704.0MHz)



Channel 23095 (707.5MHz)

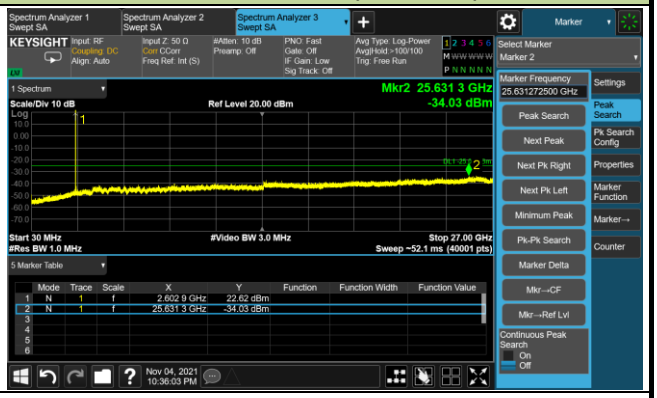


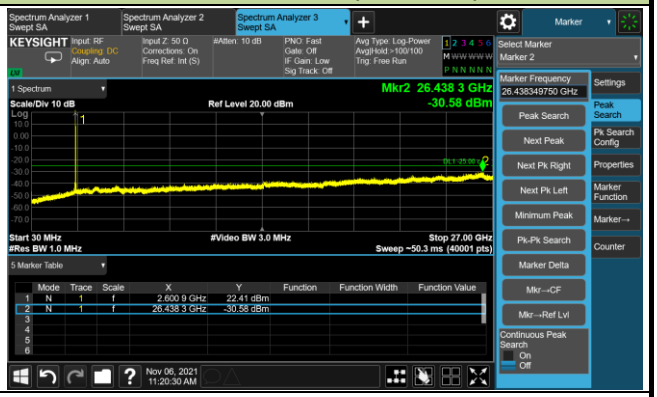
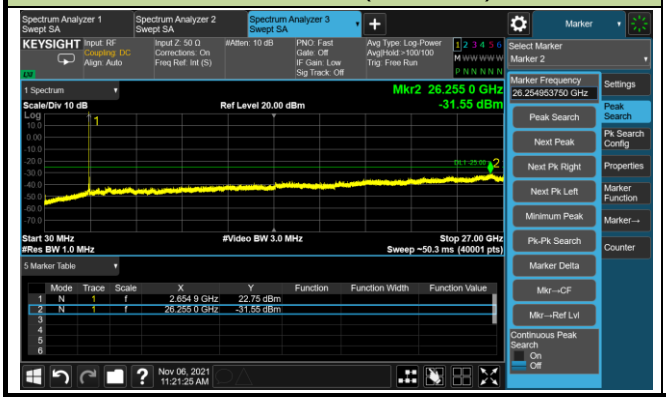
Channel 23130 (711.0MHz)

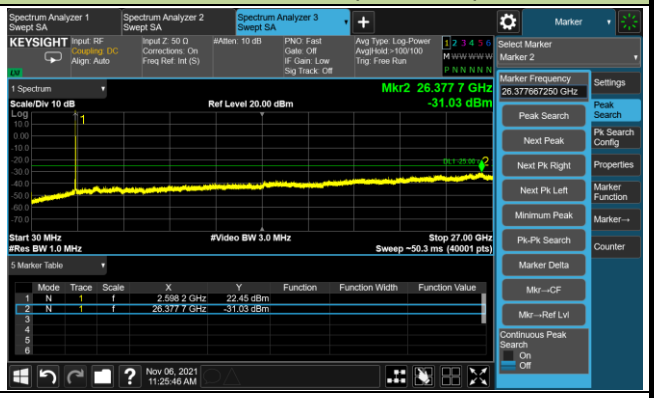


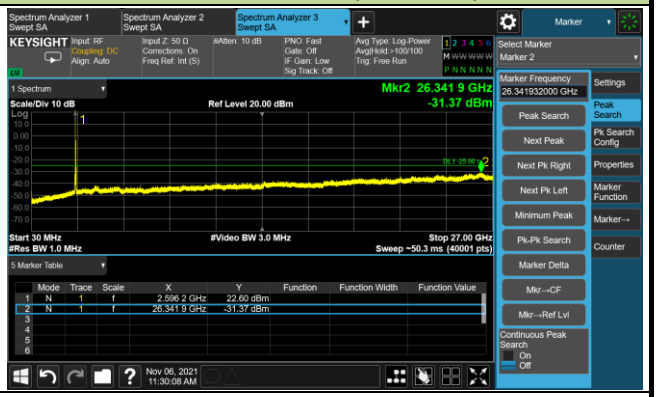
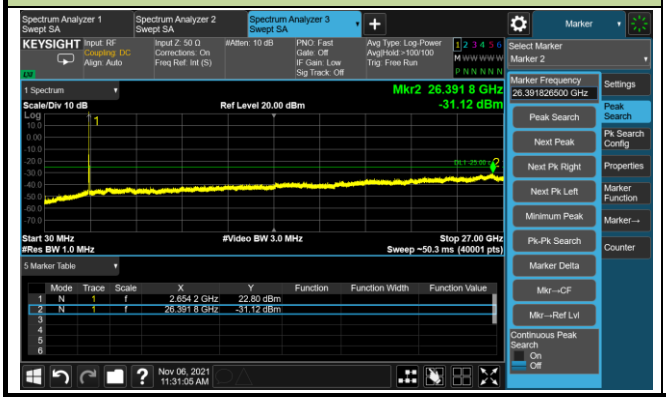
Test Site	WZ-SR6	Test Engineer	Caitlin Chen
Test Date	2021/11/04	Test Band	LTE Band 41, 1RB, QPSK

Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)
40265	2557.5	5	30 ~ 27000	-33.78	≤ -25.00
40740	2605.0	5	30 ~ 27000	-34.03	≤ -25.00
41215	2652.5	5	30 ~ 27000	-34.08	≤ -25.00
40290	2560.0	10	30 ~ 27000	-30.85	≤ -25.00
40740	2605.0	10	30 ~ 27000	-30.58	≤ -25.00
41190	2650.0	10	30 ~ 27000	-31.55	≤ -25.00
40315	2562.5	15	30 ~ 27000	-30.77	≤ -25.00
40740	2605.0	15	30 ~ 27000	-31.03	≤ -25.00
41165	2647.5	15	30 ~ 27000	-31.14	≤ -25.00
40340	2565.0	20	30 ~ 27000	-30.65	≤ -25.00
40740	2605.0	20	30 ~ 27000	-31.37	≤ -25.00
41140	2645.0	20	30 ~ 27000	-31.12	≤ -25.00

5MHz Channel Bandwidth	
Channel 39675 (2498.5MHz)	Channel 40620 (2593MHz)
	
Channel 40565 (2687.5MHz)	
	

10MHz Channel Bandwidth	
Channel 39700 (2501MHz)	Channel 40620 (2593MHz)
	
Channel 41540 (2685MHz)	
	

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)	
	

5.8. Radiated Spurious Emissions Measurements

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 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.

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 Used

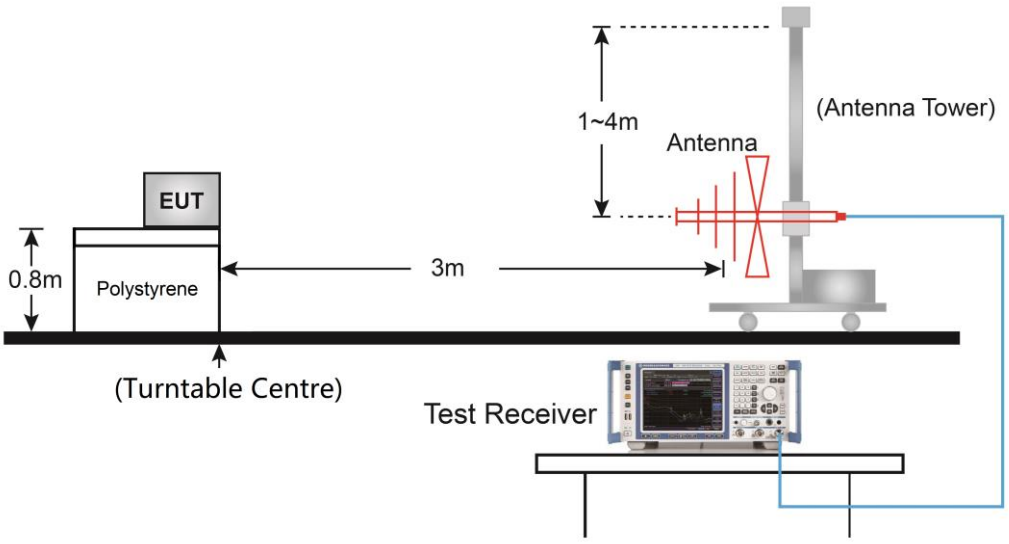
ANSI C63.26-2015 - Section 5.2.7 & 5.5

5.8.3. Test Setting

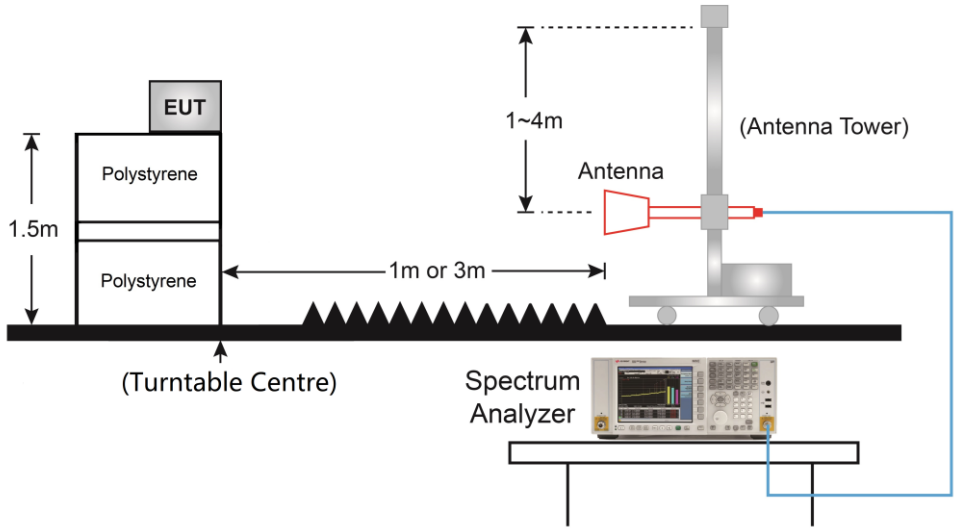
1. RBW = 1MHz
2. VBW ≥ 3*RBW
3. Sweep time ≥ 10 × (number of points in sweep) × (transmission symbol period)
4. Detector = Peak
5. Trace mode = max hold
6. The trace was allowed to stabilize

5.8.4. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



5.8.5. Test Result

Test Site	WZ-AC1	Test Engineer	Lucas Wang
Test Date	2021/11/10 ~ 2021/11/13	Test Band	LTE Band 2, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
50.86	2.63	18.46	21.09	82.30	-61.21	Peak	Horizontal
146.89	2.06	17.96	20.02	82.30	-62.28	Peak	Horizontal
59.59	3.46	17.75	21.21	82.30	-61.09	Peak	Vertical
146.89	2.53	17.96	20.49	82.30	-61.81	Peak	Vertical
3703.00	56.45	-9.30	47.15	82.30	-35.15	Peak	Horizontal
9253.50	48.46	0.57	49.03	82.30	-33.27	Peak	Horizontal
5547.50	54.61	-5.62	48.99	82.30	-33.31	Peak	Vertical
7400.50	51.39	-1.70	49.69	82.30	-32.61	Peak	Vertical
Middle Channel							
58.13	2.55	17.92	20.47	82.30	-61.83	Peak	Horizontal
155.13	2.02	18.11	20.13	82.30	-62.17	Peak	Horizontal
42.61	3.56	18.27	21.83	82.30	-60.47	Peak	Vertical
170.17	2.65	17.50	20.15	82.30	-62.15	Peak	Vertical
5641.00	52.77	-5.49	47.28	82.30	-35.02	Peak	Horizontal
17362.50	40.02	12.03	52.05	82.30	-30.25	Peak	Horizontal
5641.00	54.58	-5.49	49.09	82.30	-33.21	Peak	Vertical
17396.50	41.29	11.71	53.00	82.30	-29.30	Peak	Vertical
High Channel							
47.95	3.27	18.76	22.03	82.30	-60.27	Peak	Horizontal
151.25	2.59	18.11	20.70	82.30	-61.60	Peak	Horizontal
49.40	2.08	18.65	20.73	82.30	-61.57	Peak	Vertical
157.56	1.90	18.11	20.01	82.30	-62.29	Peak	Vertical
3822.00	59.72	-9.29	50.43	82.30	-31.87	Peak	Horizontal
7638.50	53.30	-1.75	51.55	82.30	-30.75	Peak	Horizontal
5726.00	56.55	-5.45	51.10	82.30	-31.20	Peak	Vertical
7638.50	51.36	-1.75	49.61	82.30	-32.69	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							

Test Site	WZ-AC1	Test Engineer	Lucas Wang
Test Date	2021/11/10 ~ 2021/11/13	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							
44.55	1.86	18.66	20.52	82.30	-61.78	Peak	Horizontal
163.38	2.05	17.96	20.01	82.30	-62.29	Peak	Horizontal
53.28	2.77	18.29	21.06	82.30	-61.24	Peak	Vertical
147.37	1.48	17.98	19.46	82.30	-62.84	Peak	Vertical
3422.50	72.39	-11.22	61.17	82.30	-21.13	Peak	Horizontal
5131.00	60.70	-6.53	54.17	82.30	-28.13	Peak	Horizontal
3422.50	65.55	-11.22	54.33	82.30	-27.97	Peak	Vertical
5131.00	58.65	-6.53	52.12	82.30	-30.18	Peak	Vertical
Middle Channel							
47.95	1.57	18.76	20.33	82.30	-61.97	Peak	Horizontal
152.22	1.70	18.13	19.83	82.30	-62.47	Peak	Horizontal
46.01	2.02	18.77	20.79	82.30	-61.51	Peak	Vertical
151.25	2.09	18.11	20.20	82.30	-62.10	Peak	Vertical
3465.00	74.43	-11.02	63.41	82.30	-18.89	Peak	Horizontal
5199.00	66.23	-6.04	60.19	82.30	-22.11	Peak	Horizontal
3465.00	67.36	-11.02	56.34	82.30	-25.96	Peak	Vertical
5199.00	65.47	-6.04	59.43	82.30	-22.87	Peak	Vertical
High Channel							
47.95	2.45	18.76	21.21	82.30	-61.09	Peak	Horizontal
152.22	2.22	18.13	20.35	82.30	-61.95	Peak	Horizontal
47.95	2.38	18.76	21.14	82.30	-61.16	Peak	Vertical
161.92	2.46	18.01	20.47	82.30	-61.83	Peak	Vertical
3507.50	74.48	-10.79	63.69	82.30	-18.61	Peak	Horizontal
17396.50	40.77	11.71	52.48	82.30	-29.82	Peak	Horizontal
3507.50	69.81	-10.79	59.02	82.30	-23.28	Peak	Vertical
5267.00	65.40	-5.89	59.51	82.30	-22.79	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							

Test Site	WZ-AC1	Test Engineer	Lucas Wang
Test Date	2021/11/10 ~ 2021/11/13	Test Band	LTE Band 5, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
55.22	7.76	18.32	26.08	82.30	-56.22	Peak	Horizontal
979.63	8.13	30.91	39.04	82.30	-43.26	Peak	Horizontal
47.95	14.61	17.96	32.57	82.30	-49.73	Peak	Vertical
946.17	7.64	30.50	38.14	82.30	-44.16	Peak	Vertical
3295.00	77.78	-11.47	66.31	82.30	-15.99	Peak	Horizontal
17362.50	40.31	12.03	52.34	82.30	-29.96	Peak	Horizontal
3295.00	78.16	-11.47	66.69	82.30	-15.61	Peak	Vertical
17286.00	40.39	11.82	52.21	82.30	-30.09	Peak	Vertical
Middle Channel							
738.10	8.21	28.41	36.62	82.30	-45.68	Peak	Horizontal
970.42	7.29	30.76	38.05	82.30	-44.25	Peak	Horizontal
47.95	13.83	17.96	31.79	82.30	-50.51	Peak	Vertical
962.17	7.45	30.63	38.08	82.30	-44.22	Peak	Vertical
3346.00	65.79	-11.61	54.18	82.30	-28.12	Peak	Horizontal
16827.00	41.84	10.82	52.66	82.30	-29.64	Peak	Horizontal
3346.00	66.17	-11.61	54.56	82.30	-27.74	Peak	Vertical
16878.00	41.79	10.83	52.62	82.30	-29.68	Peak	Vertical
High Channel							
717.25	9.60	27.89	37.49	82.30	-44.81	Peak	Horizontal
987.39	9.13	31.04	40.17	82.30	-42.13	Peak	Horizontal
705.61	8.58	27.63	36.21	82.30	-46.09	Peak	Vertical
945.68	7.09	30.50	37.59	82.30	-44.71	Peak	Vertical
3397.00	62.48	-11.16	51.32	82.30	-30.98	Peak	Horizontal
17175.50	40.62	11.56	52.18	82.30	-30.12	Peak	Horizontal
3397.00	61.09	-11.16	49.93	82.30	-32.37	Peak	Vertical
16776.00	41.15	10.74	51.89	82.30	-30.41	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							

Test Site	WZ-AC1	Test Engineer	Lucas Wang
Test Date	2021/11/10 ~ 2021/11/13	Test Band	LTE Band 12/17, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
619.28	7.42	26.66	34.08	82.30	-48.22	Peak	Horizontal
949.08	7.93	30.51	38.44	82.30	-43.86	Peak	Horizontal
618.79	8.00	26.69	34.69	82.30	-47.61	Peak	Vertical
979.63	8.72	30.91	39.63	82.30	-42.67	Peak	Vertical
3499.00	55.53	-10.91	44.62	82.30	-37.68	Peak	Horizontal
17456.00	39.43	12.83	52.26	82.30	-30.04	Peak	Horizontal
6916.00	47.13	-2.25	44.88	82.30	-37.42	Peak	Vertical
17456.00	39.89	12.83	52.72	82.30	-29.58	Peak	Vertical
Middle Channel							
921.43	8.51	30.16	38.67	82.30	-43.63	Peak	Horizontal
976.24	7.94	30.86	38.80	82.30	-43.50	Peak	Horizontal
866.14	7.38	29.92	37.30	82.30	-45.00	Peak	Vertical
989.82	8.35	31.11	39.46	82.30	-42.84	Peak	Vertical
3541.50	53.60	-10.84	42.76	82.30	-39.54	Peak	Horizontal
17456.00	40.50	12.83	53.33	82.30	-28.97	Peak	Horizontal
7638.50	46.66	-1.75	44.91	82.30	-37.39	Peak	Vertical
17473.00	41.00	11.45	52.45	82.30	-29.85	Peak	Vertical
High Channel							
870.99	9.63	29.88	39.51	82.30	-42.79	Peak	Horizontal
981.09	8.06	30.94	39.00	82.30	-43.30	Peak	Horizontal
949.08	8.67	30.51	39.18	82.30	-43.12	Peak	Vertical
996.61	8.59	31.19	39.78	82.30	-42.52	Peak	Vertical
2861.50	59.01	-14.03	44.98	82.30	-37.32	Peak	Horizontal
16937.50	40.73	10.93	51.66	82.30	-30.64	Peak	Horizontal
2861.50	57.22	-14.03	43.19	82.30	-39.11	Peak	Vertical
16937.50	41.14	10.93	52.07	82.30	-30.23	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							

Test Site	WZ-AC1	Test Engineer	Lucas Wang
Test Date	2021/11/10 ~ 2021/11/13	Test Band	LTE Band 41, 1RB, QPSK

Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
Low Channel							
153.68	3.41	18.13	21.54	70.30	-48.76	Peak	Horizontal
656.14	3.06	26.41	29.47	70.30	-40.83	Peak	Horizontal
48.43	1.97	18.74	20.71	70.30	-49.59	Peak	Vertical
152.22	2.16	18.13	20.29	70.30	-50.01	Peak	Vertical
9041.00	47.16	0.20	47.36	70.30	-22.94	Peak	Horizontal
17456.00	39.63	12.83	52.46	70.30	-17.84	Peak	Horizontal
9134.50	45.10	0.47	45.57	70.30	-24.73	Peak	Vertical
17456.00	39.98	12.83	52.81	70.30	-17.49	Peak	Vertical
Middle Channel							
55.22	1.88	18.18	20.06	70.30	-50.24	Peak	Horizontal
152.71	2.50	18.13	20.63	70.30	-49.67	Peak	Horizontal
49.40	2.01	18.65	20.66	70.30	-49.64	Peak	Vertical
152.22	2.68	18.13	20.81	70.30	-49.49	Peak	Vertical
8641.50	46.69	-0.37	46.32	70.30	-23.98	Peak	Horizontal
17099.00	40.89	11.12	52.01	70.30	-18.29	Peak	Horizontal
6516.50	48.02	-3.48	44.54	70.30	-25.76	Peak	Vertical
17371.00	40.48	12.43	52.91	70.30	-17.39	Peak	Vertical
High Channel							
41.16	2.52	17.91	20.43	70.30	-49.87	Peak	Horizontal
165.80	2.44	17.84	20.28	70.30	-50.02	Peak	Horizontal
50.86	2.50	18.46	20.96	70.30	-49.34	Peak	Vertical
154.16	0.76	18.12	18.88	70.30	-51.42	Peak	Vertical
10707.00	45.16	1.44	46.60	70.30	-23.70	Peak	Horizontal
17362.50	40.24	12.03	52.27	70.30	-18.03	Peak	Horizontal
8072.00	45.92	-0.76	45.16	70.30	-25.14	Peak	Vertical
17184.00	40.80	11.96	52.76	70.30	-17.54	Peak	Vertical
Note: Measure Level (dBµV/m) = Reading Level (dBµV) + 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