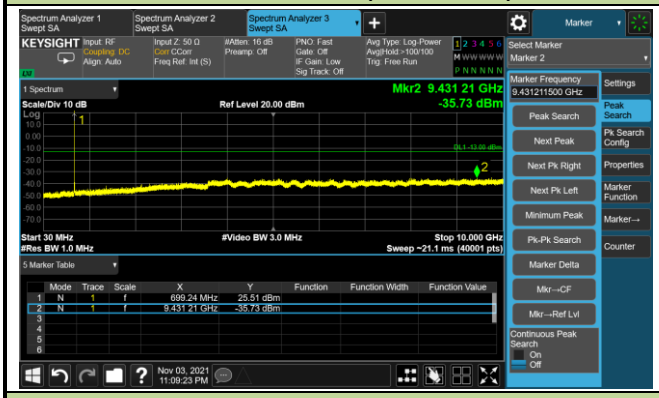
1.4MHz Channel Bandwidth

Channel 23017 (699.7MHz)

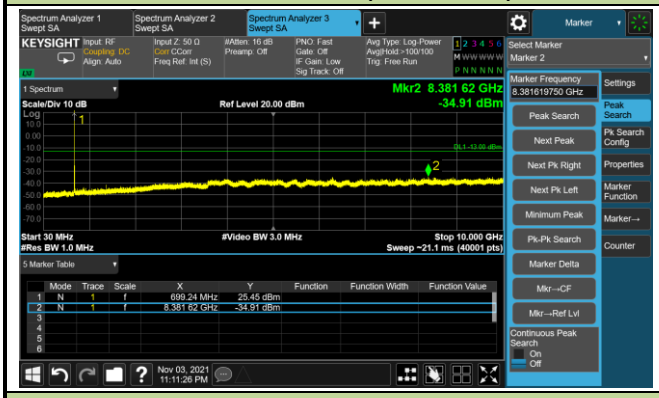


Channel 23095 (707.5MHz)

Channel 23173 (715.3MHz)

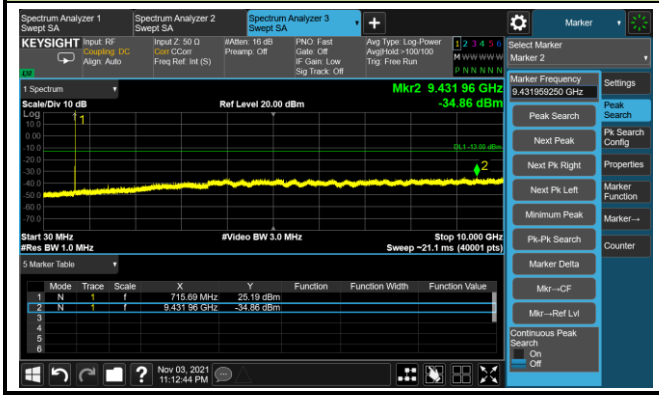
3MHz Channel Bandwidth

Channel 23025 (700.5MHz)



Channel 23095 (707.5MHz)

Channel 23165 (714.5MHz)



5MHz Channel Bandwidth

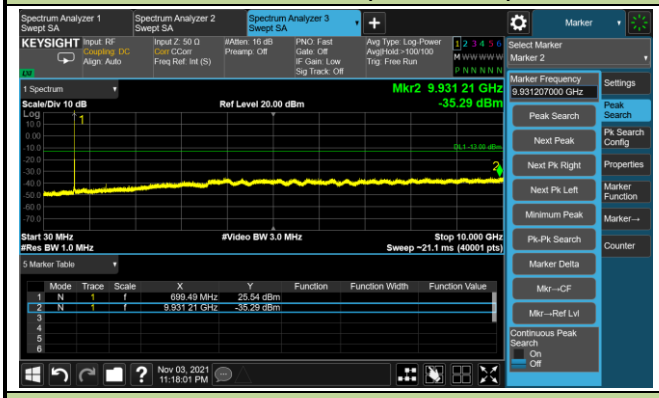
Channel 23035 (701.5MHz)

Channel 23095 (707.5MHz)

Channel 23165 (714.5MHz)

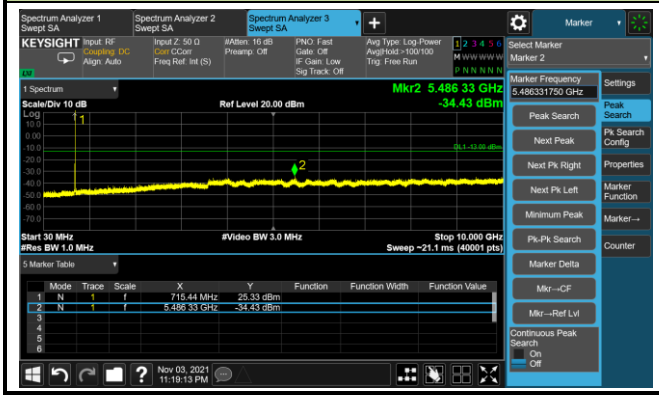
10MHz Channel Bandwidth

Channel 23060 (704.0MHz)



Channel 23095 (707.5MHz)

Channel 23130 (711.0MHz)



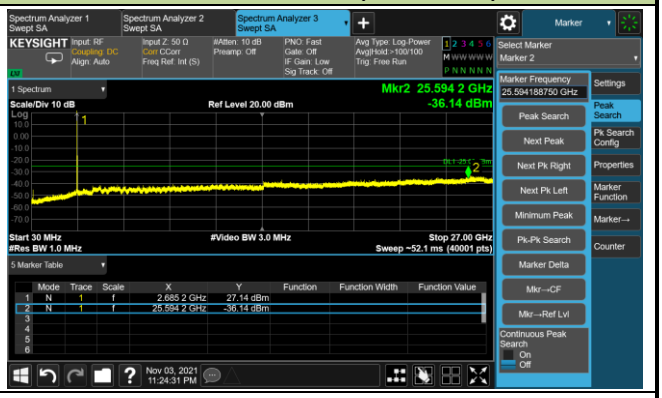
Product	5G High Power mmWave Outdoor CPE	Test Site	WZ-SR6
Test Engineer	Caitlin Chen	Test Date	2021/11/03
Test Band	LTE Band 41, 1RB, QPSK		

Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
39675	2498.50	5	30 ~ 27000	-33.56	≤ -25.00	Pass
40620	2593.00	5	30 ~ 27000	-36.14	≤ -25.00	Pass
40565	2687.50	5	30 ~ 27000	-33.54	≤ -25.00	Pass
39700	2501.00	10	30 ~ 27000	-34.48	≤ -25.00	Pass
40620	2593.00	10	30 ~ 27000	-33.81	≤ -25.00	Pass
41540	2685.00	10	30 ~ 27000	-36.79	≤ -25.00	Pass
39725	2503.50	15	30 ~ 27000	-34.18	≤ -25.00	Pass
40620	2593.00	15	30 ~ 27000	-34.11	≤ -25.00	Pass
41515	2682.50	15	30 ~ 27000	-33.59	≤ -25.00	Pass
39750	2506.00	20	30 ~ 27000	-34.13	≤ -25.00	Pass
40620	2593.00	20	30 ~ 27000	-34.44	≤ -25.00	Pass
41490	2680.00	20	30 ~ 27000	-33.74	≤ -25.00	Pass

5MHz Channel Bandwidth

Channel 39675 (2498.5MHz)

Channel 40620 (2593MHz)

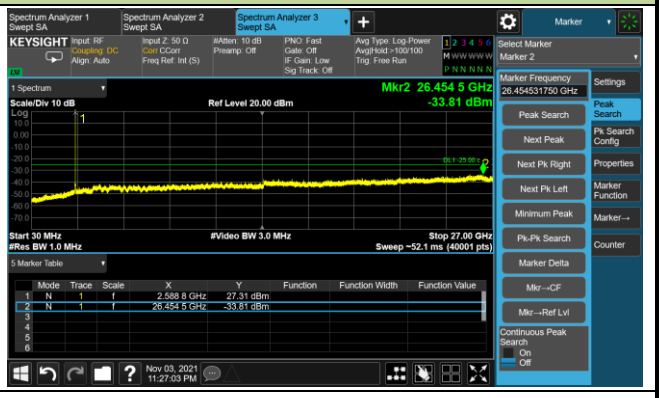


Channel 40565 (2687.5MHz)

10MHz Channel Bandwidth

Channel 39700 (2501MHz)

Channel 40620 (2593MHz)

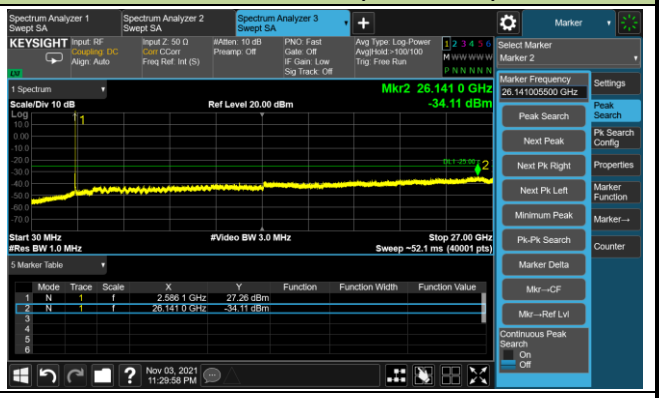


Channel 41540 (2685MHz)

15MHz Channel Bandwidth

Channel 39725 (2503.5MHz)

Channel 40620 (2593MHz)

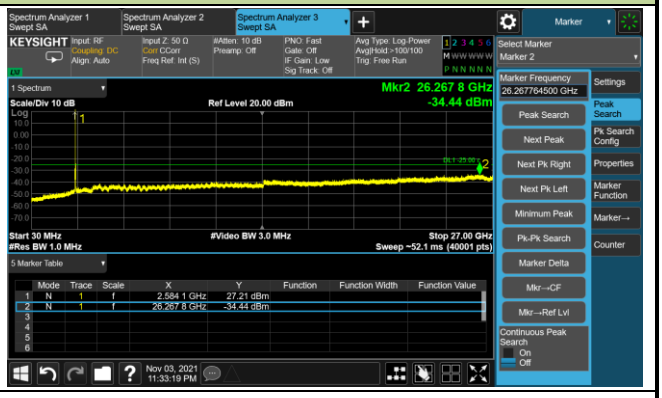


Channel 41515 (2682.5MHz)

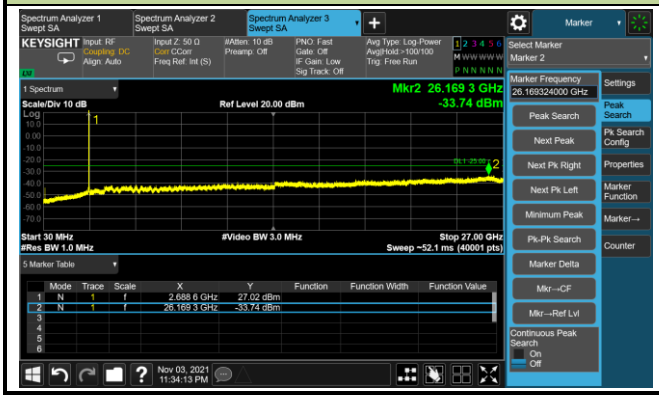
20MHz Channel Bandwidth

Channel 39750 (2506MHz)

Channel 40620 (2593MHz)



Channel 41490 (2680MHz)



4.8. Radiated Spurious Emissions Measurements

4.8.1.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.

4.8.2.Test Procedure Used

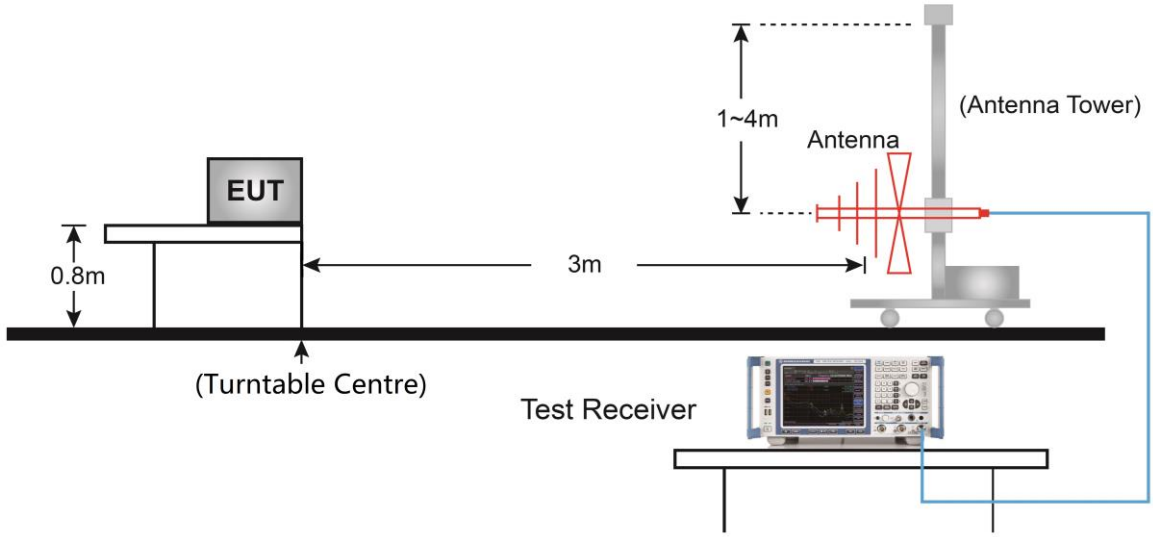
ANSI C63.26-2015 - Section 5.2.7 & 5.5

4.8.3.Test Setting

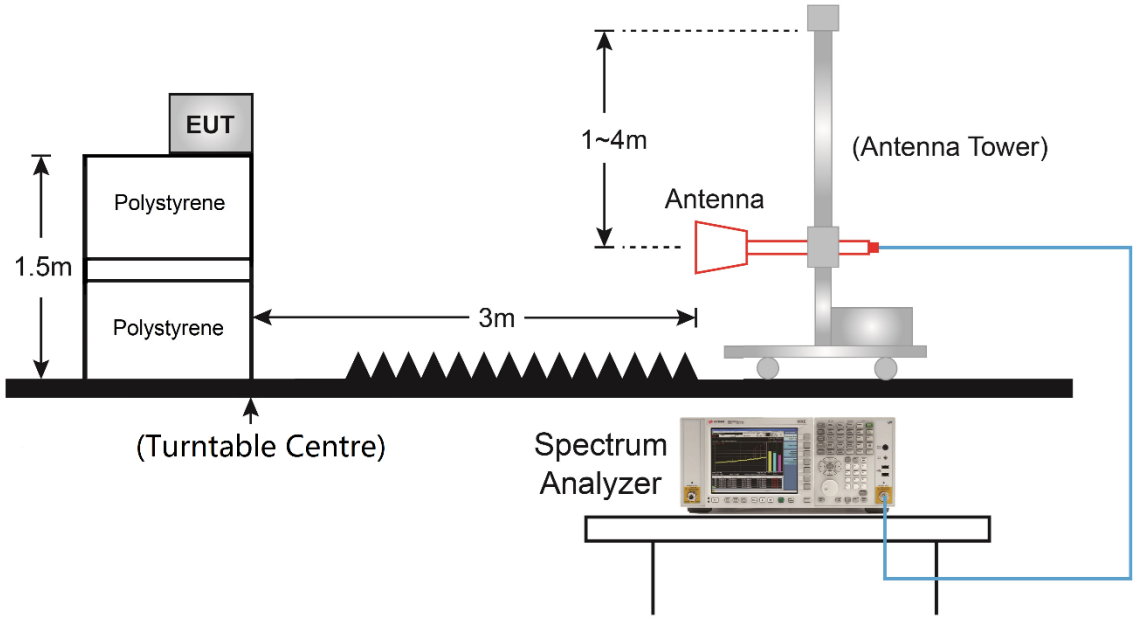
1. RBW = 1MHz
2. VBW ≥ 3*RBW
3. Sweep time ≥ 10 × (number of points in sweep) × (transmission symbol period)
4. Detector = Peak
5. Trace mode = max hold
6. The trace was allowed to stabilize

4.8.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



4.8.5.Test Result

Product	5G High Power mmWave Outdoor CPE	Test Site	WZ-AC2
Test Engineer	Lucas Wang	Test Date	2021/10/30 ~ 2021/11/04
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							
3422.50	45.22	-1.19	44.03	82.30	-38.27	Peak	Horizontal
5777.00	42.05	5.29	47.34	82.30	-34.96	Peak	Horizontal
3422.50	47.48	-1.19	46.29	82.30	-36.01	Peak	Vertical
5743.00	46.84	5.51	52.35	82.30	-29.95	Peak	Vertical
Middle Channel							
3465.00	44.52	-0.99	43.53	82.30	-38.77	Peak	Horizontal
8157.00	34.09	11.93	46.02	82.30	-36.28	Peak	Horizontal
3465.00	45.60	-0.99	44.61	82.30	-37.69	Peak	Vertical
8174.00	33.59	11.86	45.45	82.30	-36.85	Peak	Vertical
High Channel							
3507.50	41.26	-0.55	40.71	82.30	-41.59	Peak	Horizontal
7154.00	32.73	11.47	44.20	82.30	-38.10	Peak	Horizontal
3507.50	45.82	-0.55	45.27	82.30	-37.03	Peak	Vertical
5224.50	36.78	3.85	40.63	82.30	-41.67	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							

Product	5G High Power mmWave Outdoor CPE	Test Site	WZ-AC2
Test Engineer	Lucas Wang	Test Date	2021/10/30 ~ 2021/11/04
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							
678.45	20.28	28.55	48.83	82.30	-33.47	Peak	Horizontal
896.21	21.62	31.36	52.98	82.30	-29.32	Peak	Horizontal
676.02	20.66	28.49	49.15	82.30	-33.15	Peak	Vertical
951.50	21.02	31.46	52.48	82.30	-29.82	Peak	Vertical
1646.00	49.23	-5.13	44.10	82.30	-38.20	Peak	Horizontal
10868.50	33.06	17.09	50.15	82.30	-32.15	Peak	Horizontal
1646.00	47.86	-5.13	42.73	82.30	-39.57	Peak	Vertical
11030.00	32.04	16.87	48.91	82.30	-33.39	Peak	Vertical
Middle Channel							
741.50	20.33	29.54	49.87	82.30	-32.43	Peak	Horizontal
974.78	21.61	31.84	53.45	82.30	-28.85	Peak	Horizontal
716.28	20.84	28.97	49.81	82.30	-32.49	Peak	Vertical
922.89	20.37	31.50	51.87	82.30	-30.43	Peak	Vertical
1671.50	46.17	-5.20	40.97	82.30	-41.33	Peak	Horizontal
5148.00	36.01	4.21	40.22	82.30	-42.08	Peak	Horizontal
1671.50	43.08	-5.20	37.88	82.30	-44.42	Peak	Vertical
2504.50	40.57	-2.16	38.41	82.30	-43.89	Peak	Vertical
High Channel							
680.39	25.00	28.58	53.58	82.30	-28.72	Peak	Horizontal
971.87	26.06	31.76	57.82	82.30	-24.48	Peak	Horizontal
687.66	24.23	28.70	52.93	82.30	-29.37	Peak	Vertical
991.27	25.14	32.10	57.24	82.30	-25.06	Peak	Vertical
1697.00	49.21	-5.09	44.12	82.30	-38.18	Peak	Horizontal
4833.50	36.24	3.77	40.01	82.30	-42.29	Peak	Horizontal
1697.00	50.87	-5.09	45.78	82.30	-36.52	Peak	Vertical
2547.00	39.13	-2.24	36.89	82.30	-45.41	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							

Product	5G High Power mmWave Outdoor CPE	Test Site	WZ-AC2
Test Engineer	Lucas Wang	Test Date	2021/10/30 ~ 2021/11/04
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							
577.57	24.36	26.73	51.09	82.30	-31.21	Peak	Horizontal
822.49	25.58	30.30	55.88	82.30	-26.42	Peak	Horizontal
822.01	25.73	30.29	56.02	82.30	-26.28	Peak	Vertical
899.12	24.13	31.43	55.56	82.30	-26.74	Peak	Vertical
1399.50	42.34	-4.54	37.80	82.30	-44.50	Peak	Horizontal
7188.00	32.74	11.49	44.23	82.30	-38.07	Peak	Horizontal
1399.50	43.99	-4.54	39.45	82.30	-42.85	Peak	Vertical
2096.50	42.38	-2.60	39.78	82.30	-42.52	Peak	Vertical
Middle Channel							
806.49	25.30	30.16	55.46	82.30	-26.84	Peak	Horizontal
933.07	26.23	31.36	57.59	82.30	-24.71	Peak	Horizontal
689.12	25.56	28.71	54.27	82.30	-28.03	Peak	Vertical
863.72	24.65	31.24	55.89	82.30	-26.41	Peak	Vertical
1416.50	42.97	-4.50	38.47	82.30	-43.83	Peak	Horizontal
4850.50	41.29	3.80	45.09	82.30	-37.21	Peak	Horizontal
1416.50	49.21	-4.50	44.71	82.30	-37.59	Peak	Vertical
4850.50	38.69	3.80	42.49	82.30	-39.81	Peak	Vertical
High Channel							
597.94	24.37	27.40	51.77	82.30	-30.53	Peak	Horizontal
894.27	25.23	31.32	56.55	82.30	-25.75	Peak	Horizontal
610.55	25.08	27.40	52.48	82.30	-29.82	Peak	Vertical
919.98	25.10	31.53	56.63	82.30	-25.67	Peak	Vertical
1433.50	48.73	-4.49	44.24	82.30	-38.06	Peak	Horizontal
9024.00	33.22	13.95	47.17	82.30	-35.13	Peak	Horizontal
1433.50	51.83	-4.49	47.34	82.30	-34.96	Peak	Vertical
11047.00	32.07	17.04	49.11	82.30	-33.19	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							

Product	5G High Power mmWave Outdoor CPE	Test Site	WZ-AC2
Test Engineer	Lucas Wang	Test Date	2021/10/30 ~ 2021/11/04
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							
6253.00	34.00	7.15	41.15	70.30	-29.15	Peak	Horizontal
9568.00	33.57	14.13	47.70	70.30	-22.60	Peak	Horizontal
9321.50	32.83	14.30	47.13	70.30	-23.17	Peak	Vertical
11531.50	31.70	17.71	49.41	70.30	-20.89	Peak	Vertical
Middle Channel							
5182.00	39.76	3.63	43.39	70.30	-26.91	Peak	Horizontal
10622.00	31.85	16.58	48.43	70.30	-21.87	Peak	Horizontal
5182.00	45.53	3.63	49.16	70.30	-21.14	Peak	Vertical
11191.50	31.75	17.43	49.18	70.30	-21.12	Peak	Vertical
High Channel							
5377.50	37.32	4.26	41.58	70.30	-28.72	Peak	Horizontal
10724.00	32.16	16.42	48.58	70.30	-21.72	Peak	Horizontal
5377.50	45.29	4.26	49.55	70.30	-20.75	Peak	Vertical
9304.50	33.56	14.39	47.95	70.30	-22.35	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 “2110RSU037-UT” file.

Appendix B - EUT Photograph

Refer to “2110RSU037-UE” file.