

FCC 15.231 in the X-Axis

Universal Electronics, Inc.

Direct TV Custom 4 Device 24K-2004

Model: URC-201BG0-X

Date: 9/14/04

Lab: B

Tested By: Kyle Fujimoto

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
433.92		V	100.8	-100.8	Peak			
433.92		V	80.8	-80.8	Avg			
867.84		V	80.8	-80.8	Peak			
867.84		V	60.8	-60.8	Avg			
1301.76	43.76	V	74	-30.24	Peak	2.09	225	
1301.76	37.57	V	54	-16.43	Avg	2.09	225	
1735.7	43.32	V	74	-30.68	Peak	1.96	270	
1735.7	34.09	V	54	-19.91	Avg	1.96	270	
2169.6	41.01	V	80.8	-39.79	Peak	1.46	270	
2169.6	31.92	V	60.8	-28.88	Avg	1.46	270	
2603.52	44.23	V	80.8	-36.57	Peak	1.83	315	
2603.52	34.38	V	60.8	-26.42	Avg	1.83	315	
3037.44	44.15	V	80.8	-36.65	Peak	2.2	315	
3037.44	33.76	V	60.8	-27.04	Avg	2.2	315	
3471.36	43.84	V	80.8	-36.96	Peak	2	225	
3471.36	28.82	V	60.8	-31.98	Avg	2	225	
3905.28	47.48	H	74	-26.52	Peak	2.15	45	
3905.28	35.38	H	54	-18.62	Avg	2.15	45	
4339.2	42.06	V	74	-31.94	Peak	1.37	270	
4339.2	30.05	V	54	-23.95	Avg	1.37	270	

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433.92		H	100.8	-100.8	Peak			
433.92		H	80.8	-80.8	Avg			
867.84		H	80.8	-80.8	Peak			
867.84		H	60.8	-60.8	Avg			
1301.76	51.86	H	74	-22.14	Peak	1.64	180	
1301.76	45.31	H	54	-8.69	Avg	1.64	180	
1735.7	45.67	H	74	-28.33	Peak	2.26	45	
1735.7	37.92	H	54	-16.08	Avg	2.26	45	
2169.6	40.6	H	80.8	-40.2	Peak	2.27	0	
2169.6	30.21	H	60.8	-30.59	Avg	2.27	0	
2603.52	46.71	H	80.8	-34.09	Peak	1.86	270	
2603.52	27.77	H	60.8	-33.03	Avg	1.86	270	
3037.44	50.38	H	80.8	-30.42	Peak	2.23	45	
3037.44	40.82	H	60.8	-19.98	Avg	2.23	45	
3471.36	45.17	H	80.8	-35.63	Peak	2.1	315	
3471.36	33.64	H	60.8	-27.16	Avg	2.1	315	
3905.28	45.62	H	74	-28.38	Peak	2.5	315	
3905.28	32.77	H	54	-21.23	Avg	2.5	315	
4339.2	42.96	H	74	-31.04	Peak	1.3	270	
4339.2	29.78	H	54	-24.22	Avg	1.3	270	

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433.92		V	100.8	-100.8	Peak			
433.92		V	80.8	-80.8	Avg			
867.84		V	80.8	-80.8	Peak			
867.84		V	60.8	-60.8	Avg			
1301.76	53.07	V	74	-20.93	Peak	2.12	225	
1301.76	46.28	V	54	-7.72	Avg	2.12	225	
1735.7	50.56	V	74	-23.44	Peak	1.43	225	
1735.7	43.82	V	54	-10.18	Avg	1.43	225	
2169.6	45.29	V	80.8	-35.51	Peak	1.84	225	
2169.6	37.44	V	60.8	-23.36	Avg	1.84	225	
2603.52	43.6	V	80.8	-37.2	Peak	1.78	180	
2603.52	27.13	V	60.8	-33.67	Avg	1.78	180	
3037.44	46.52	V	80.8	-34.28	Peak	1.32	225	
3037.44	36.68	V	60.8	-24.12	Avg	1.32	225	
3471.36	43.97	V	80.8	-36.83	Peak	2.2	225	
3471.36	29.73	V	60.8	-31.07	Avg	2.2	225	
3905.28	47.33	V	74	-26.67	Peak	1.41	180	
3905.28	36.51	V	54	-17.49	Avg	1.41	180	
4339.2	43.61	V	74	-30.39	Peak	1.73	225	
4339.2	31.45	V	54	-22.55	Avg	1.73	225	

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433.92		H	80.8	-80.8	Avg			
867.84		H	80.8	-80.8	Peak			
867.84		H	60.8	-60.8	Avg			
1301.76	43.51	H	74	-30.49	Peak	2.43	270	
1301.76	36.33	H	54	-17.67	Avg	2.43	270	
1735.7	40.64	H	74	-33.36	Peak	2.6	135	
1735.7	33.19	H	54	-20.81	Avg	2.6	135	
2169.6	46.79	H	80.8	-34.01	Peak	1.33	45	
2169.6	39.55	H	60.8	-21.25	Avg	1.33	45	
2603.52	50.86	H	80.8	-29.94	Peak	1.72	225	
2603.52	43.27	H	60.8	-17.53	Avg	1.72	225	
3037.44	51.72	H	80.8	-29.08	Peak	1.07	45	
3037.44	41.39	H	60.8	-19.41	Avg	1.07	45	
3471.36	44.71	H	80.8	-36.09	Peak	1.47	0	
3471.36	33.84	H	60.8	-26.96	Avg	1.47	0	
3905.28	46.05	H	74	-27.95	Peak	2.07	225	
3905.28	34	H	54	-20	Avg	2.07	225	
4339.2	42.46	H	74	-31.54	Peak	2.5	225	
4339.2	30.83	H	54	-23.17	Avg	2.5	225	

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867.84		V	60.8	-60.8	Avg			
1301.76	44.41	V	74	-29.59	Peak	2.44	270	
1301.76	38.59	V	54	-15.41	Avg	2.44	270	
1735.7	39.25	V	74	-34.75	Peak	2.07	315	
1735.7	28.62	V	54	-25.38	Avg	2.07	315	
2169.6	43.41	V	80.8	-37.39	Peak	1.9	270	
2169.6	33.32	V	60.8	-27.48	Avg	1.9	270	
2603.52	50.91	V	80.8	-29.89	Peak	1.14	90	
2603.52	43.23	V	60.8	-17.57	Avg	1.14	90	
3037.44	50.16	V	80.8	-30.64	Peak	1.91	225	
3037.44	40.75	V	60.8	-20.05	Avg	1.91	225	
3471.36	45.35	V	80.8	-35.45	Peak	2.5	135	
3471.36	31.5	V	60.8	-29.3	Avg	2.5	135	
3905.28	47.32	V	74	-26.68	Peak	1.33	270	
3905.28	34.02	V	54	-19.98	Avg	1.33	270	
4339.2	42.82	V	74	-31.18	Peak	1.73	0	
4339.2	29.45	V	54	-24.55	Avg	1.73	0	

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867.84		H	80.8	-80.8	Peak			
867.84		H	60.8	-60.8	Avg			
1301.76	53.61	H	74	-20.39	Peak	1	270	
1301.76	46.52	H	54	-7.48	Avg	1	270	
1735.7	51.15	H	74	-22.85	Peak	1.15	270	
1735.7	43.24	H	54	-10.76	Avg	1.15	270	
2169.6	44.21	H	80.8	-36.59	Peak	1.91	270	
2169.6	35.44	H	60.8	-25.36	Avg	1.91	270	
2603.52	43.89	H	80.8	-36.91	Peak	1.04	135	
2603.52	33.02	H	60.8	-27.78	Avg	1.04	135	
3037.44	45.27	H	80.8	-35.53	Peak	2.22	225	
3037.44	35.08	H	60.8	-25.72	Avg	2.22	225	
3471.36	43.6	H	80.8	-37.2	Peak	2.2	225	
3471.36	28.76	H	60.8	-32.04	Avg	2.2	225	
3905.28	46.93	H	74	-27.07	Peak	2.67	270	
3905.28	33.7	H	54	-20.3	Avg	2.67	270	
4339.2	43.66	H	74	-30.34	Peak	2.18	135	
4339.2	31.75	H	54	-22.25	Avg	2.18	135	