RADIATED EMISSIONS (FCC SECTION 15.205 AND 15.231)

COMPANY	Universal Electronics	DATE	9/14/04
EUT	Direct TV Custom 4 Device 24K-2004	DUTY CYCLE	N/A %
MODEL	URC-201BG0-X	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	Kyle Fujimoto	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
433.9200	60.4	55.8 A	H	1.0	315	X	LOW	15.6	2.1	0.0	0.0	0.0	73.6	-7.2	80.8	
433.9200	52.1	44.7 A	H	1.0	270	Y	LOW	15.6	2.1	0.0	0.0	0.0	62.5	-18.3	80.8	
433.9200	59.5	55.1 A	H	1.0	270	Z	LOW	15.6	2.1	0.0	0.0	0.0	72.9	-7.9	80.8	
433.9200	53.3	48.6 A	V	1.5	315	X	LOW	15.6	2.1	0.0	0.0	0.0	66.3	-14.5	80.8	
433.9200	60.7	55.0 A	V	1.5	90	Y	LOW	15.6	2.1	0.0	0.0	0.0	72.7	-8.1	80.8	
433.9200	58.8	53.6 A	V	1.0	315	Z	LOW	15.6	2.1	0.0	0.0	0.0	71.4	-9.4	80.8	

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
** DELTA = SPEC LIMIT - CORRECTED READING

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TEST ENGINEER	Kyle Fujimoto	LAB	D

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
867.8400	75.1	68.6 A	H	1.0	180	X	LOW	20.9	3.0	36.4	0.0		**56.0**	**-4.8**	**60.8**	
867.8400	62.9	57.3 A	H	1.0	90	Y	LOW	20.9	3.0	36.4	0.0		**44.8**	**-16.0**	**60.8**	
867.8400	75.4	68.6 A	H	1.0	90	Z	LOW	20.9	3.0	36.4	0.0		**56.1**	**-4.7**	**60.8**	
867.8400	68.6	62.6 A	V	1.5	45	X	LOW	20.9	3.0	36.4	0.0		**50.1**	**-10.7**	**60.8**	
867.8400	71.3	65.4 A	V	1.0	45	Y	LOW	20.9	3.0	36.4	0.0		**52.9**	**-7.9**	**60.8**	
867.8400	68.2	62.3 A	V	1.0	45	Z	LOW	20.9	3.0	36.4	0.0		**49.8**	**-11.0**	**60.8**	

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** DELTA = SPEC LIMIT - CORRECTED READING