

Report of Measurements
Applications for control,security alarm,door opener or remote switch

Description: 390 MHz transmitter Code Hopping
DATE: 01/28/2000

ITEM TESTED: GT-30 Code Hopping Transmitter Unit No. 2
MANUFACTURER: Linear Corporation
TRADE NAME:
PRODUCT ID: EF4 ACP00743

DISTANCE AT WHICH MEASURED
3 meters, DUT 1 meter above ground
REFERENCE: 15.231(a,b,c)
MEASUREMENT PROCEDURE: IEEE-Intentional Radiators C63.4-1991

RADIATION: per 15.205

Tuned Freq. MHz
Emission Ambient Level dbm
FCC Limit dbm
Meter Reading dbm
Antenna Factor db
Cable Loss db
Amp Gain db
Dist Fac db
Duty Cycle db
Field Strength dBm/mt dBV/mt
FCC Limit uV/M
dB:FCC

390	390	-94.80	-12.95	-17.4	22.1	1.4	27.3	0.00	11.0	-32.20	74.80	5495.41	9170.00	-4.45	390
780	-87.40	-40.33	-43.9	27.8	2.0	26.2	0.00	11.0	-51.30	55.70	609.54	919.00	-3.57	780	
1170	-82.90	-44.83	-48.6	26.3	2.6	20.8	0.00	11.0	-51.50	-55.50	595.66	919.00	-3.77	1170	
1560	-79.60	-48.13	-52.5	28.5	3.0	20.1	0.00	11.0	-52.10	-54.90	555.90	919.00	-4.37	1560	
1950	-76.20	-51.53	-52.8	30.2	3.4	18.8	0.00	11.0	-49.00	-58.00	794.33	919.00	-1.27	1950	
2340	-81.74 *	-45.99 *	#N/A	31.5	3.8	16.5	9.54	11.0	#N/A	#N/A	#N/A	919.00	#N/A	2340	
2730	-82.84 *	-53.39 *	#N/A	32.5	4.2	10.5	9.54	11.0	#N/A	#N/A	#N/A	919.00	#N/A	2730	
3120	-81.84 *	-64.89 *	#N/A	33.3	4.4	4.4	9.54	11.0	#N/A	#N/A	#N/A	919.00	#N/A	3120	
3510	-80.64 *	-66.09 *	#N/A	34.2	4.7	0.0	9.54	11.0	#N/A	#N/A	#N/A	919.00	#N/A	3510	
3900	-79.74 *	-66.99 *	#N/A	34.8	5.0	0.0	9.54	11.0	#N/A	#N/A	#N/A	919.00	#N/A	3900	

The spectrum was searched from 25 MHz to 4 GHz
No other emissions were observed except those shown on this page
15.107(d) Conducted Emissions Not Applicable- Battery Powered

* NOTE: 1 meter measurement corrected to 3 meters

FILENAME:ACP743_2.XLS DISK NAME:FCC DATA

ENGINEER

[Signature]

DATE

[Signature]
Jan 28, 2000