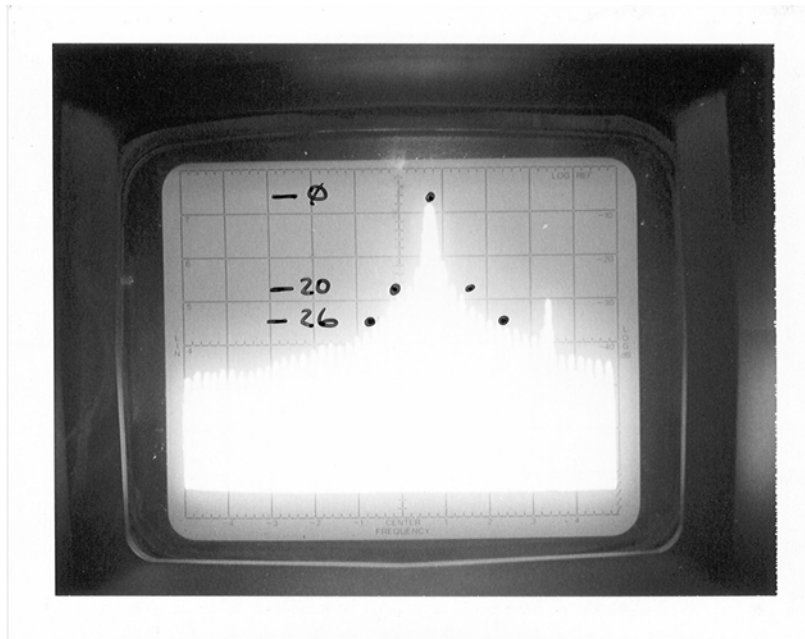




DEVICE: MT-3 Remote Control Transmitter

PHOTOGRAPH: Occupied Bandwidth

CONDITIONS: Transmitter Fundamental. A1D Modulation - Pulse Position Modulation. SAW Resonator Frequency Determining Element.

SPECTRUM ANALYZER CONTROL SETTINGS

CENTER FREQUENCY: 318 MHz INPUT ATTENUATION: -10 dB

SCAN WIDTH: 5.0 KHz / Div. PREAMPLIFIER GAIN: 0 dB

SCAN TIME: 0.1 Sec / Div. LOG REF. LEVEL: -10 dBm

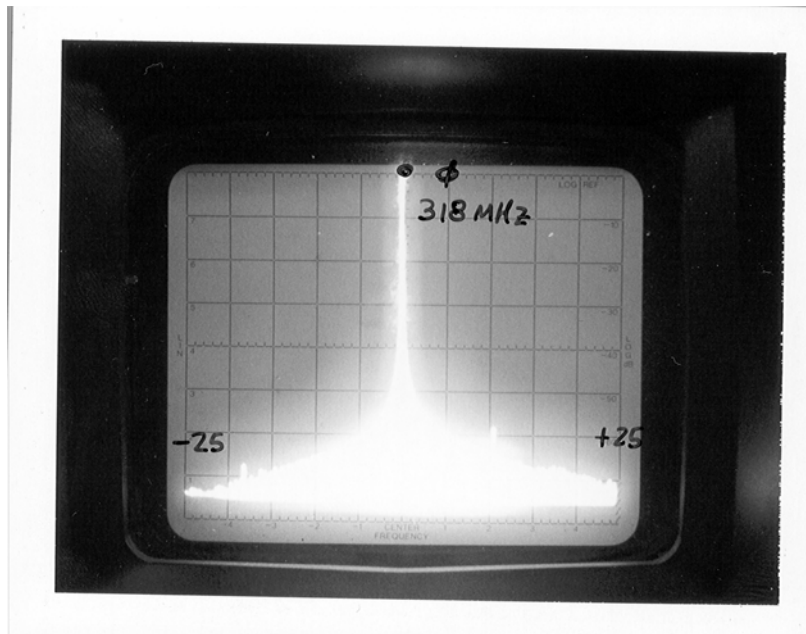
RF BANDWIDTH: 0.3 KHz

ANTENNA: 6" Whip Ant. at Analyzer Input TUNED TO: N/A

ANTENNA DISTANCE: 0.25 Meters ANTENNA HEIGHT: N/A

SYSTEM NOISE FLOOR: N/A

NOTES: Per 15.231(c), Occupied Bandwidth (20 dB down) is less than +/- 20 KHz. This is less than 0.020% of the center frequency. FCC Rules, 15.231(c) devices must be less than 0.25% of center frequency. This device therefore complies with 15.231(c).



DEVICE: MT-3 Remote Control Transmitter

PHOTOGRAPH: Transmitter Spurious Emissions +/-25 MHz of the tuned center freq. Peak of RF signal set to zero dB reference line (top of screen).

CONDITIONS: Transmitter Fundamental. A1D Modulation, SAW Resonator Frequency Determining Element.

SPECTRUM ANALYZER CONTROL SETTINGS

CENTER FREQUENCY: 318 MHz INPUT ATTENUATION: -10 dB

SCAN WIDTH: 5.0 MHz/ Div. PREAMPLIFIER GAIN: 0 dB

SCAN TIME: 1.0 Sec. / Div. LOG REF. LEVEL: -20 dBm

RF BANDWIDTH: 10 KHz

ANTENNA: 6" Whip Antenna on Analyzer Input TUNED TO: N/A

ANTENNA DISTANCE: 0.25 Meters ANTENNA HEIGHT: N/A

SYSTEM NOISE FLOOR: N/A

No emissions occur outside of the of the rated center freq. except for harmonic spurious signals.

REPORT OF MEASUREMENTS

Applications for control, security alarm, door opener or remote switch

318.000 MHz transmitter 167 BPS MegaCode

Description:

DATE: September 18, 2002

ITEM TESTED: MT-3 Megacode Transmitter
MANUFACTURER: Linear Corp.
TRADE NAME: N/A
PRODUCT ID: EF4 ACP00897

DISTANCE AT WHICH MEASURED: 3 meters, DUT 0.8 meter above ground
REFERENCE: 15.231(a,b,c)

MEASUREMENT PROCEDURE: C63.4-2001 INTENTIONAL RADIATORS

RADIATION: per 15.205

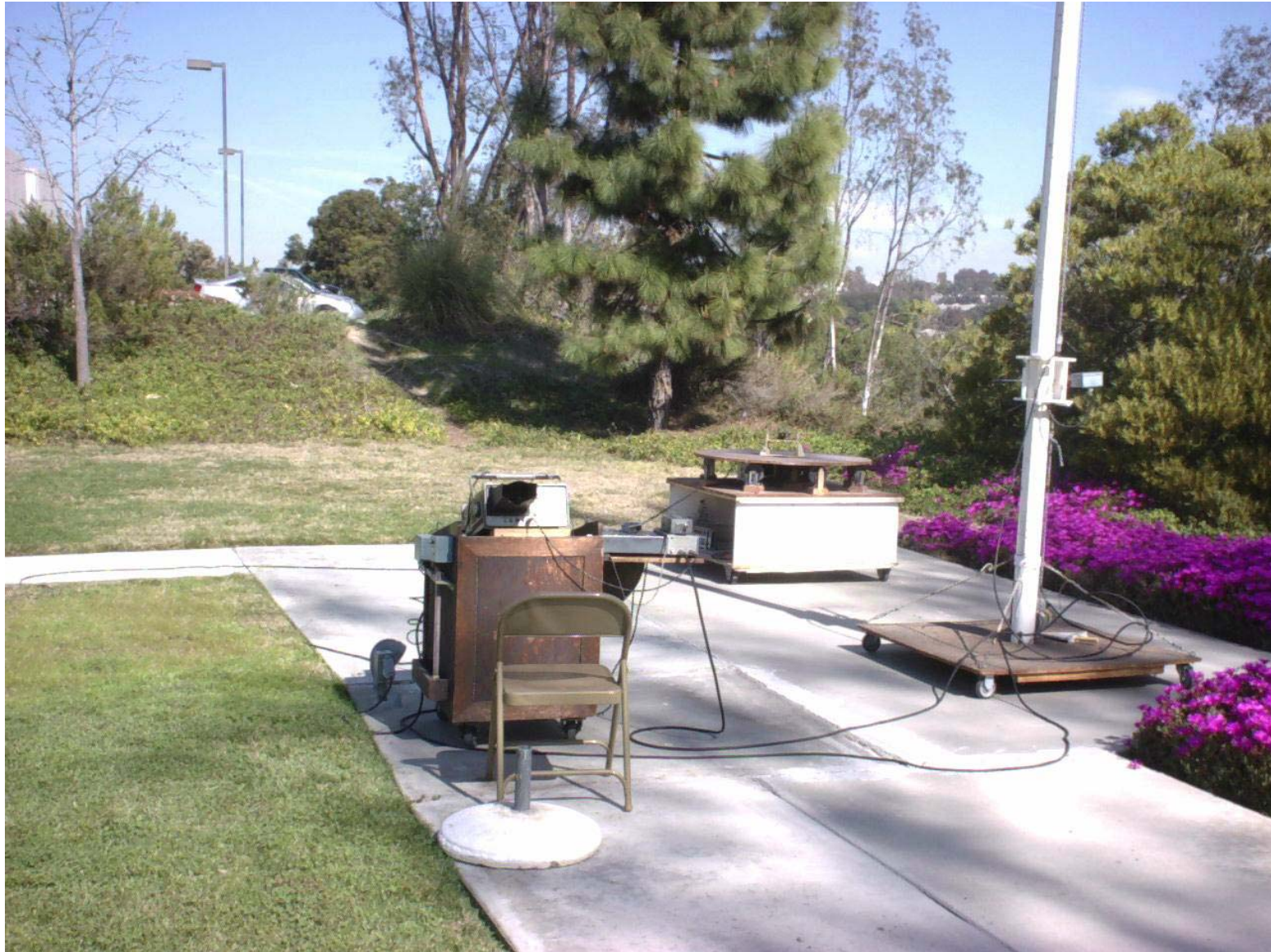
A	B	C	D	E	G	H	I	J	K	L	M	N	O	P	Q
Tuned Frequency MHz	Emission Frequency MHz	Ambient Level dBm	FCC Limit dBm	Meter Reading dBm	Antenna Factor dB	Cable Loss dB	Amp Gain dB	Dist Fac dB	Duty Cycle dB	Field Strength dBm/mtr	dBuV/mtr	uV/m	FCC Limit uV/m	dB-FCC	FREQ. MHz
318.00	318.00	-98.40	-3.27	-10.6	18.6	1.2	27.2	0.00	15.6	-33.60	73.40	4677.35	6117.00	-2.33	318.00
	636.00	-89.80	-36.87	-38.0	26.0	1.7	26.5	0.00	15.6	-52.40	54.60	537.03	611.70	-1.13	636.00
	954.00	-85.90	-40.77	-44.2	29.4	2.2	26.5	0.00	15.6	-54.70	52.30	412.10	611.70	-3.43	954.00
	1272.00	-88.70	-37.97	-39.2	26.8	2.6	27.1	0.00	15.6	-52.50	54.50	530.88	611.70	-1.23	1272.00
	1590.00	-79.10	-47.57	-51.4	28.7	3.0	19.8	0.00	15.6	-55.10	51.90	393.55	611.70	-3.83	1590.00
	1908.00	-77.40	-46.27	-55.0	30.0	3.3	19.7	0.00	15.6	-57.00	50.00	316.23	611.70	-5.73	1908.00
	2226.00	-85.14 *	-42.23 *	#N/A	30.8	3.6	18.3	0.00	15.6	#N/A	#N/A	#N/A	611.70	#N/A	2226.00
	2544.00	-84.04 *	-61.63 *	#N/A	31.7	3.8	0.0	9.54	15.6	#N/A	#N/A	#N/A	611.70	#N/A	2544.00
	2862.00	-82.94 *	-62.73 *	#N/A	32.4	4.2	0.0	9.54	15.6	#N/A	#N/A	#N/A	611.70	#N/A	2862.00
	3180.00	-82.04 *	-63.63 *	#N/A	33.1	4.4	0.0	9.54	15.6	#N/A	#N/A	#N/A	611.70	#N/A	3180.00

The spectrum was searched from 25 to 3500 MHz
No other emissions were observed except those shown on this page.

* NOTE: 1 meter measurement corrected to 3 meters

15.107(d) Conducted Emissions Not Applicable- Battery Powered

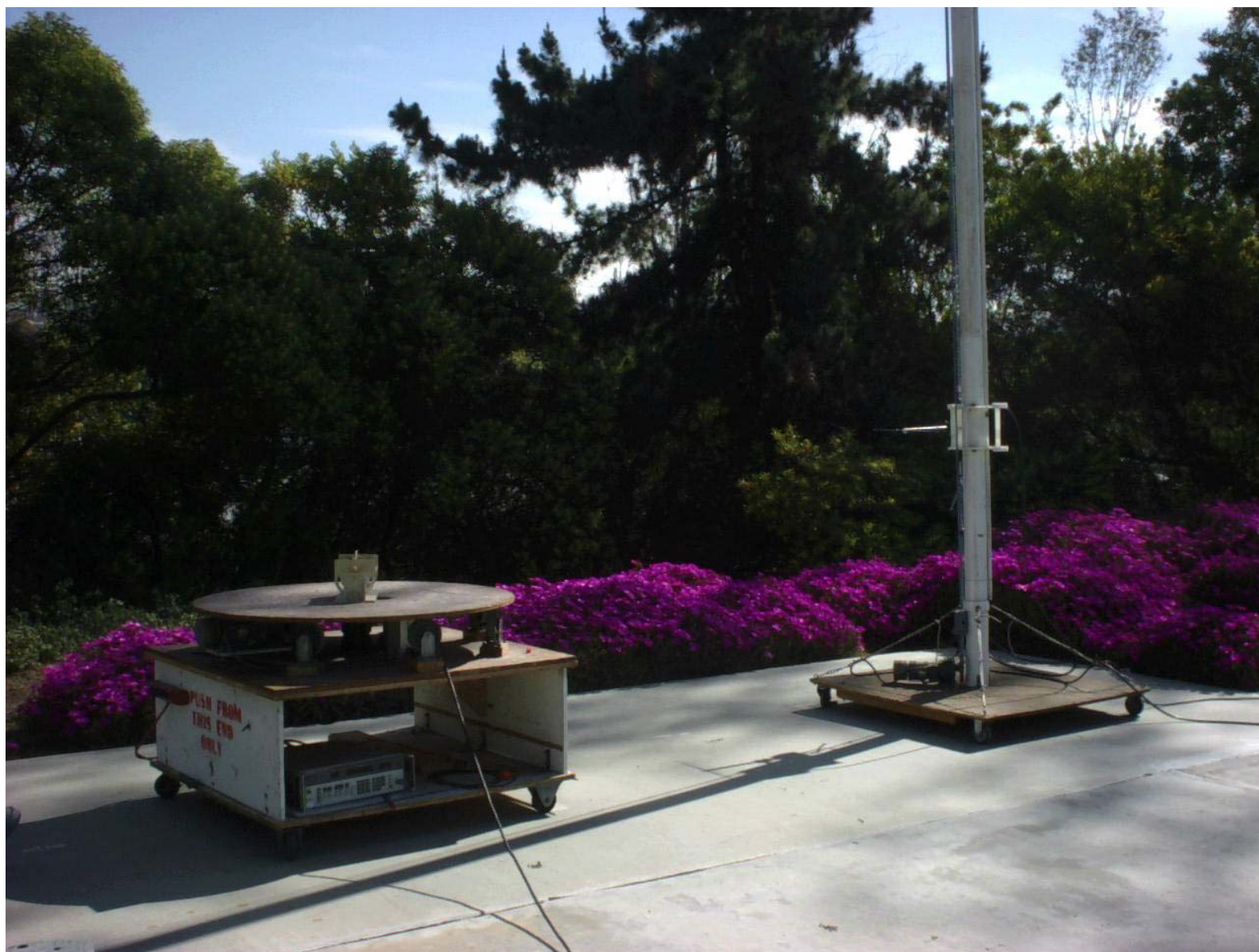
TESTED BY: John W. Kuwman DATE: Sept. 19, 2002
ENGINEER: John W. Kuwman DATE: Sept. 19, 2002
FILE NAME: ACP00897_1.XLS DISK NAME: FCC DATA



LINEAR CORPORATION
FCC ID: EF4 ACP00897



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FCC ID: EF4 ACP00897



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