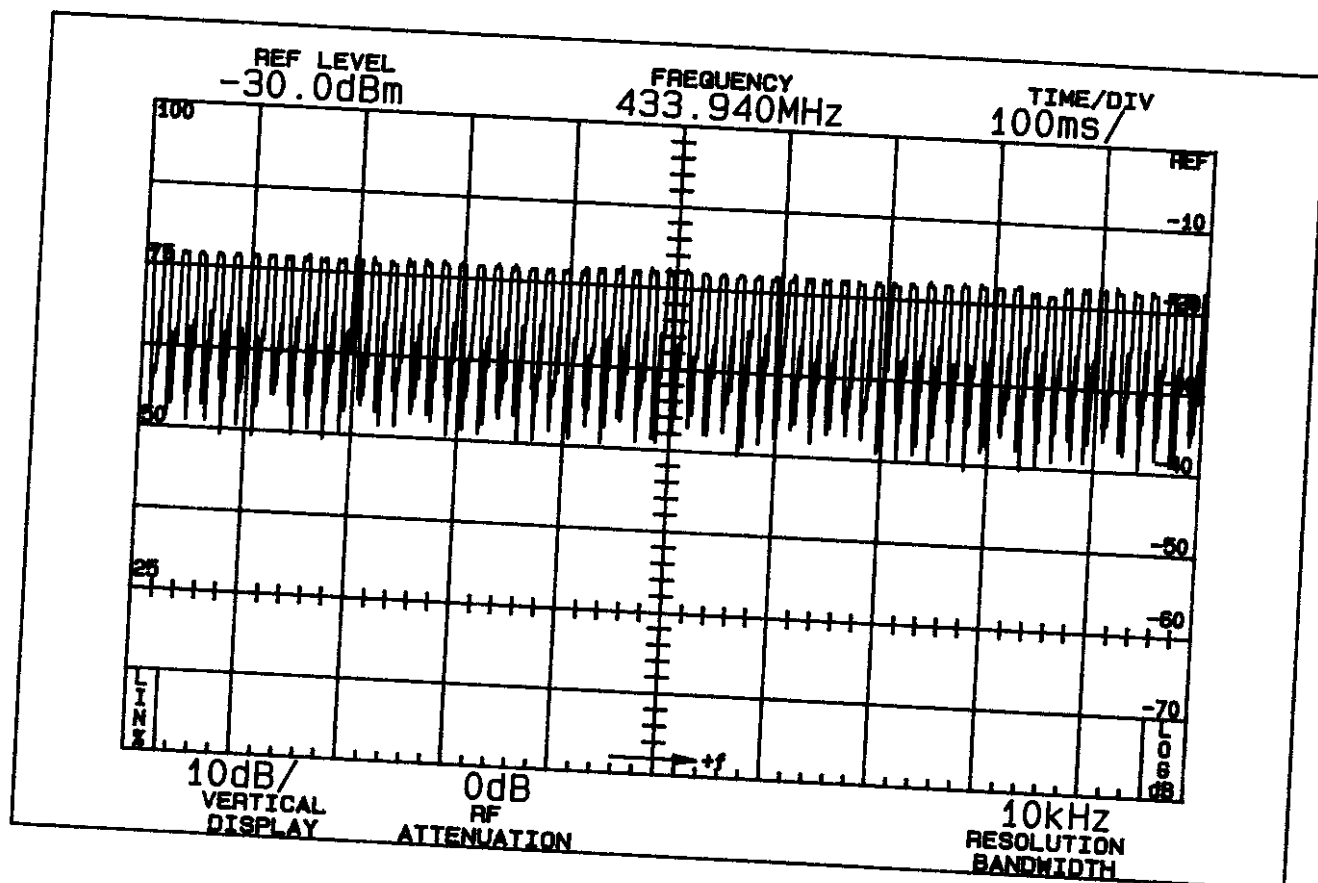


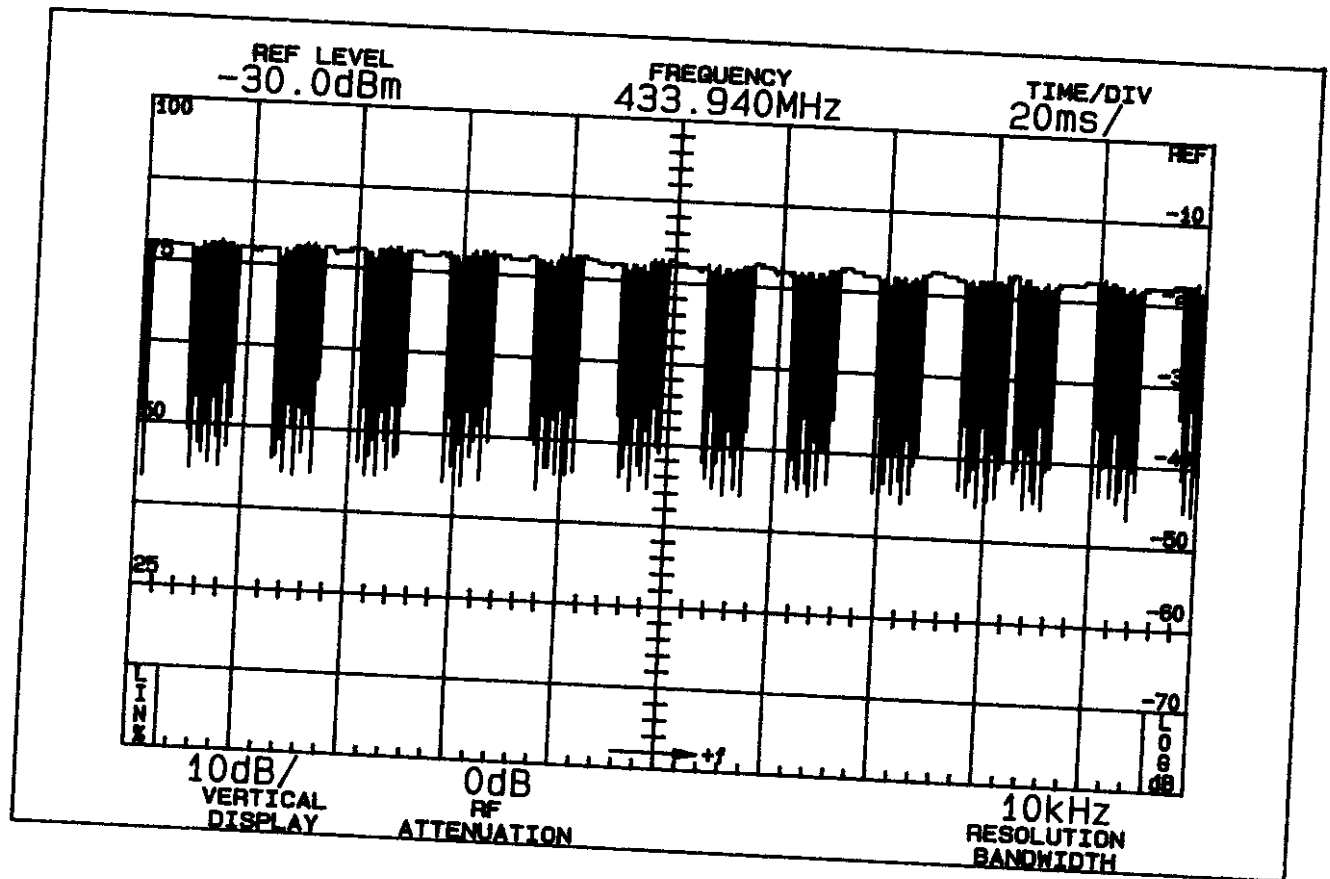


MULTIPLE WORD TRANSMISSION

Horizontal: 100 milliseconds/Div
 Vertical: 10 dB/Div.
 Resolution: 10 kHz
 (Time domain)

PULSE CHARACTERISTICS
 FCC ID: AEYTXM-433

FIGURE 1



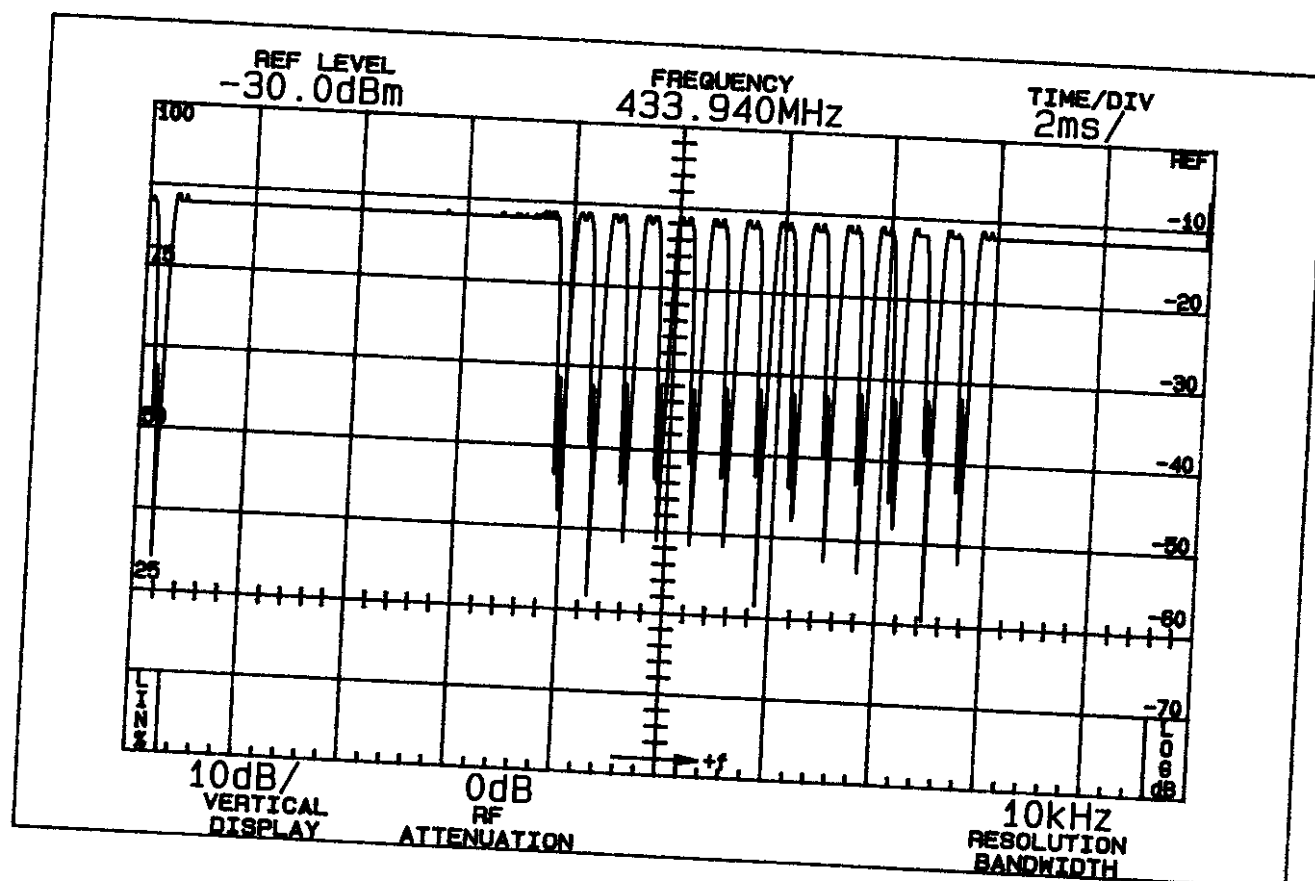
MULTIPLE WORD TRANSMISSION

Horizontal: 20 mS/Div.
 Vertical: 10 dB/Div.
 Resolution: 10 kHz

(Time domain)

PULSE CHARACTERISTICS
 FCC ID: AEYTXM-433

FIGURE 2



BIT DETAIL

Horizontal: 2 mS/Div.
Vertical: 10 dB/Div.
Resolution: 10 kHz

(Time domain)

PULSE CHARACTERISTICS
FCC ID: AEYTXM-433

FIGURE 3

SAMPLE COMPUTATIONS

Using the time domain plots of Figures 1 through 3, maximum "on" time over any 100 mS interval is:

"On" Pulses:

Short (0.4 mS) x 12 = 4.8
Long (7 mS) x 9 = 63

Total 67.8

Duty Cycle: $67.8/100 = 0.678$

$20 \text{ Log } 0.678 = -3.4 \text{ dB}$

SAMPLE COMPUTATIONS
FCC ID: AEYTXM-433

FIGURE 4

TABLE 1
RADIATED FIELD INTENSITY
Measured at 3 meters
15.231(b)

Frequency (MHz)	Meter ¹ Reading (dBm)	Antenna Factor (dB)	Field ² Intensity uV/m @ 3m	Calc. Field ³ Intensity uV/m @ 3m	FCC Limit uV/m @ 3m	dB to Limit
433.940	-48.9	24.9	19724.2	9549.9	10997.5	- 1.2
867.890	-82.8	31.7	623.7	421.7	1099.8	- 8.3
1301.820	-80.0	25.2	407.4	275.4	500.0	- 5.2
1735.760	-94.0	26.9	98.9	66.8	1099.8	-24.3
2169.700	-72.8	28.7	1462.2	944.1	1099.8	- 1.3
2603.640	-80.0	29.8	691.8	467.7	1099.8	- 7.4
3037.580	-89.6	30.9	260.0	175.8	1099.8	-15.9
3471.520	-92.0	32.2	229.1	154.9	1099.8	-17.0
3905.460	-92.4	33.4	251.2	169.8	500.0	- 9.4
4339.400	-91.6	33.1	266.1	179.9	500.0	- 8.9

Note 1: Peak detector reading without averaging.

Note 2: $uV/m = \text{Log}^{-1} \frac{dBu/m}{20}$

$dBu = dBm + \text{antenna factor} + 107$

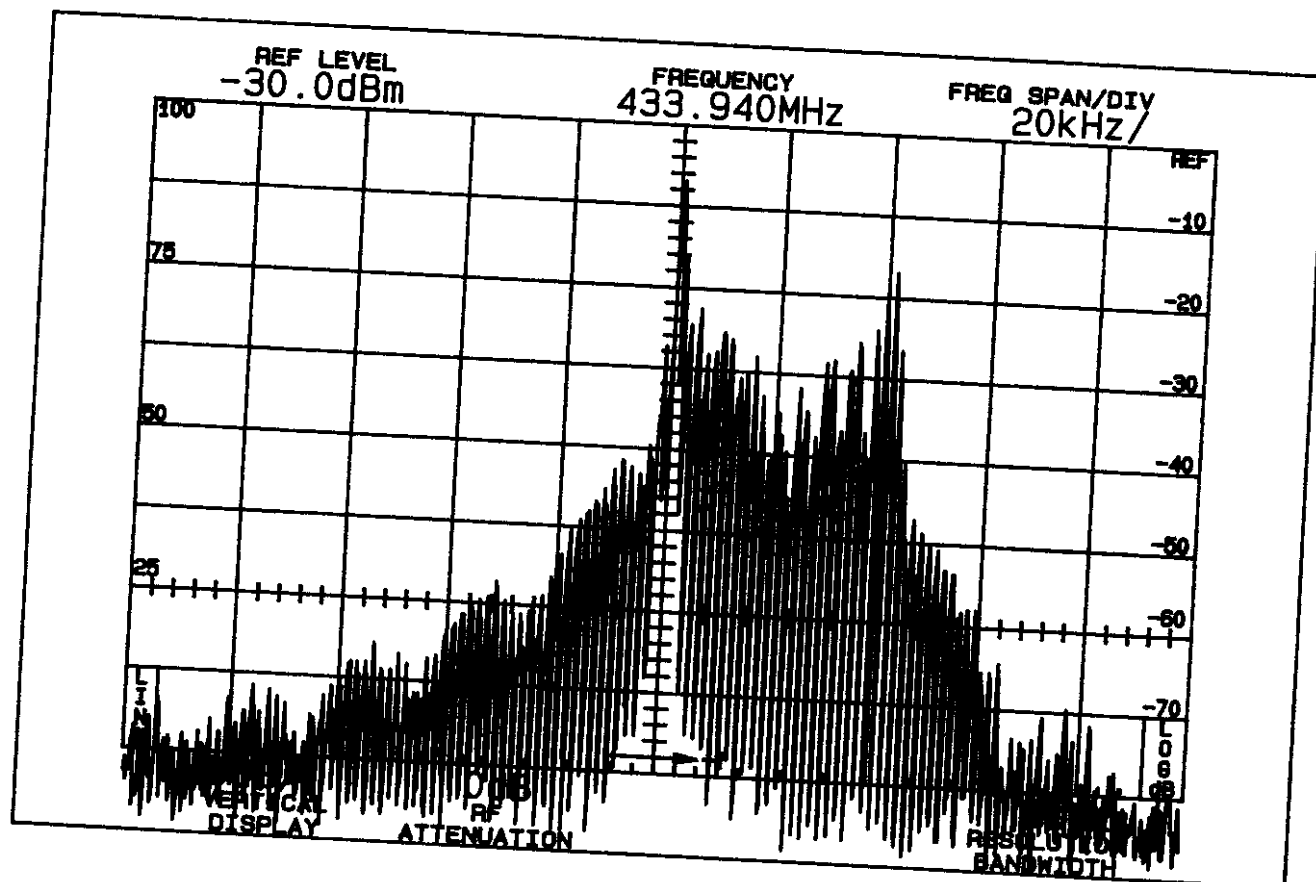
Note 3: Field Intensity calculated from peak value and -3.4 dB peak/average factor.

*Forbidden Band

All other emissions to the tenth harmonic were below FCC limits.
(Unit was measured on 3 major planes)

RADIATED FIELD INTENSITY
FCC ID: AEYTXM-433

TABLE 1



Center Frequency 433.9 MHz

Horizontal: 20 kHz
Vertical: 10 dB/Div.
Resolution: 1 kHz

No video filtering.

OCCUPIED BANDWIDTH
FCC ID: AEYTXM-433

FIGURE 5