EXHIBIT K PART 2 OF 2: REPORT OF MEASUREMENTS [2.1033(B6)].

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Summary of Results:

1. This test series evaluated the Equipment Under Test to FCC Part 15, SubPart C.
2. The system tested is compliant to the requirement of CFR 47, FCC Part 15, SubPart C for periodic operation in the allowed frequency bands above 70MHz, (Part 15.231).
3. The equipment under test was received on November 13, 2000 and this test series commenced on November 13, 2000.
4. The line conducted emission testing does not apply to this product. The device is powered from a 12 volt automobile source.
5. The preliminary scan for spurious emissions conducted in a shielded room indicated low level spurious signals.
6. The frequencies selected for final evaluation include 288MHz, 310MHz, and 418MHz. This is in accordance with 47 CFR 15.31(m). The 310MHz was selected as a mid-range frequency because it is the predominant frequency used in controlling garage doors. Past correspondence with the FCC regarding the selection of frequencies and test setup suggest this judgment as appropriate.
7. Occupied Band Width of the transmitted signal, at the 20dB point, nearest the limit was measured to be 563KHz. This measurement occurred with the EUT transmitting at 288MHz with a pulse modulation of 30% duty cycle. This measurement is within the allowed 720KHz bandwidth. The greatest bandwidth measured was 585KHz with the EUT transmitting at 418MHz
8. The field strength level of the fundamental was measured for 288MHz, 310MHz, and 418MHz. The evaluation showed the emission nearest the limit occurred while operating at 310MHz with 500Hz pulsed modulation at a 50% duty cycle. The EUT was positioned on the ‘side’ and the receive antenna oriented in the horizontal polarization. This signal was measured to be 0.6dB below the limit of 75.3dBuV/m (5821uV/m).
9. The evaluation of the field strength levels of the harmonics showed the emission nearest the limit occurred while operating at 288MHz with 500Hz pulsed modulation at 30% duty cycle. The EUT was positioned on the ‘flat’; and the receive antenna oriented in the horizontal polarization. This signal, at 576MHz, was measured to be 1.7dB below the limit of 53.8dBuV/m (490uV/m).
10. The digital spurious emissions, nearest the limit, occurred at 60MHz. The quasi-peak level was measured to be 24.2dBuV/m which is 15.8dB below the FCC Class B limit.
11. The average value of the coarse tune pulses over a 100mSec time, nearest the limit, occurred at 418MHz. The average measurement was determined to be 5380uV/m which is 5.7dB below the limit of 10,333uV/m..
12. The average value of the fine tune pulses over a 100mSec time, nearest the limit, occurred at 418MHz. The average measurement was determined to be 1956uV/m which is 14.5dB below the limit of 10,333uV/m.

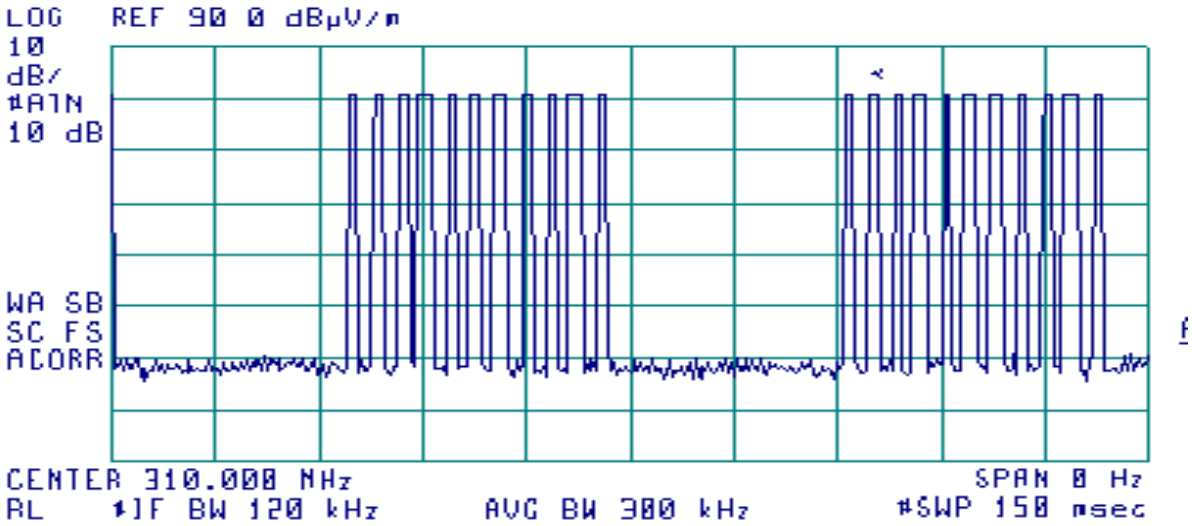
Changes made to achieve compliance

1. NONE

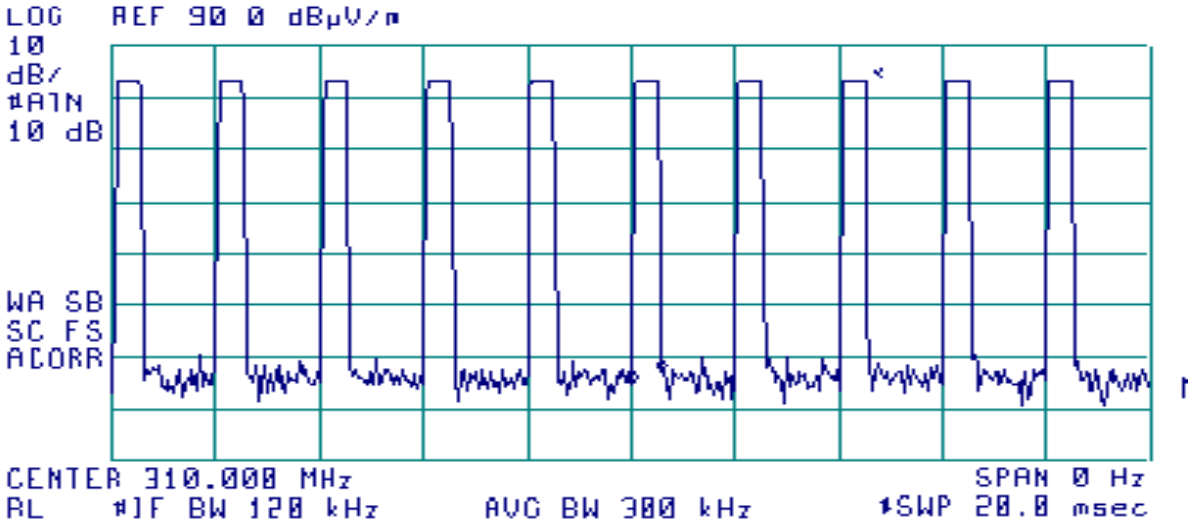
Test Data [2.1033(b6)]

Modulation Characteristics

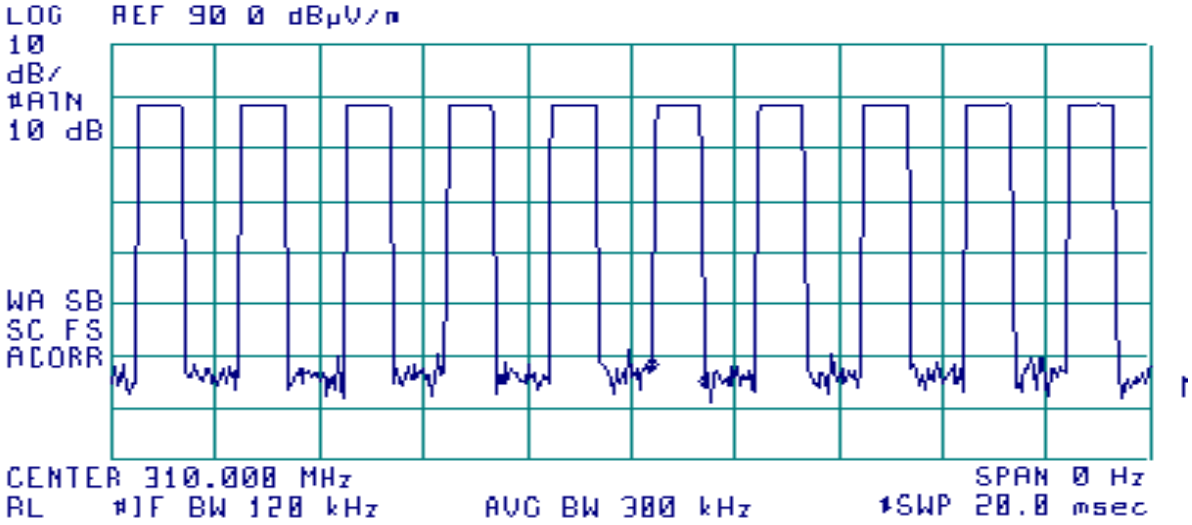
Typical encoding at 310MHz: Consisting of pulses of differing duty cycles.



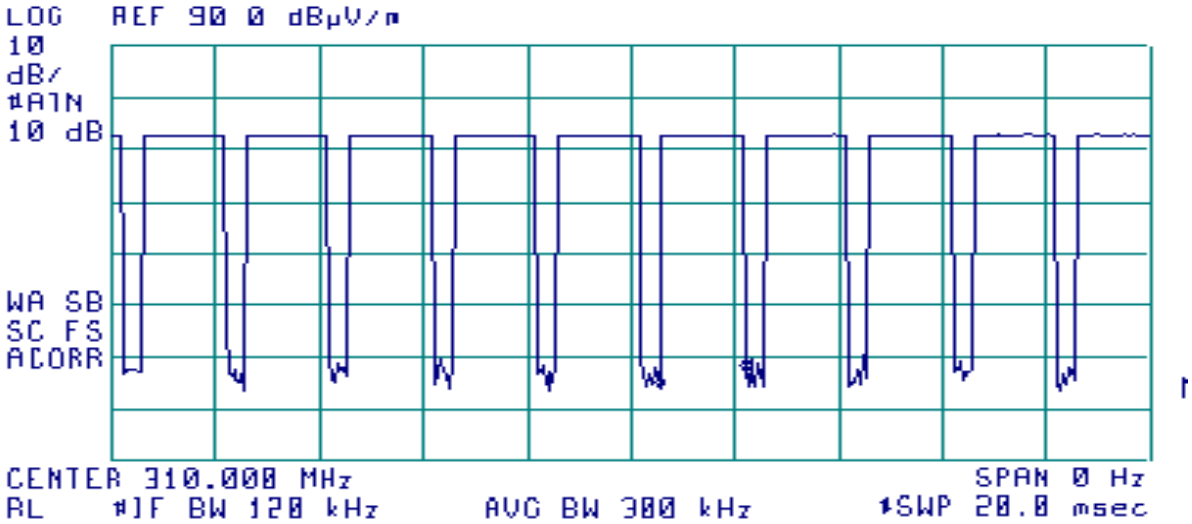
310MHz, 500Hz Modulation, 30% duty cycle



310MHz, 500Hz Modulation, 50% duty cycle



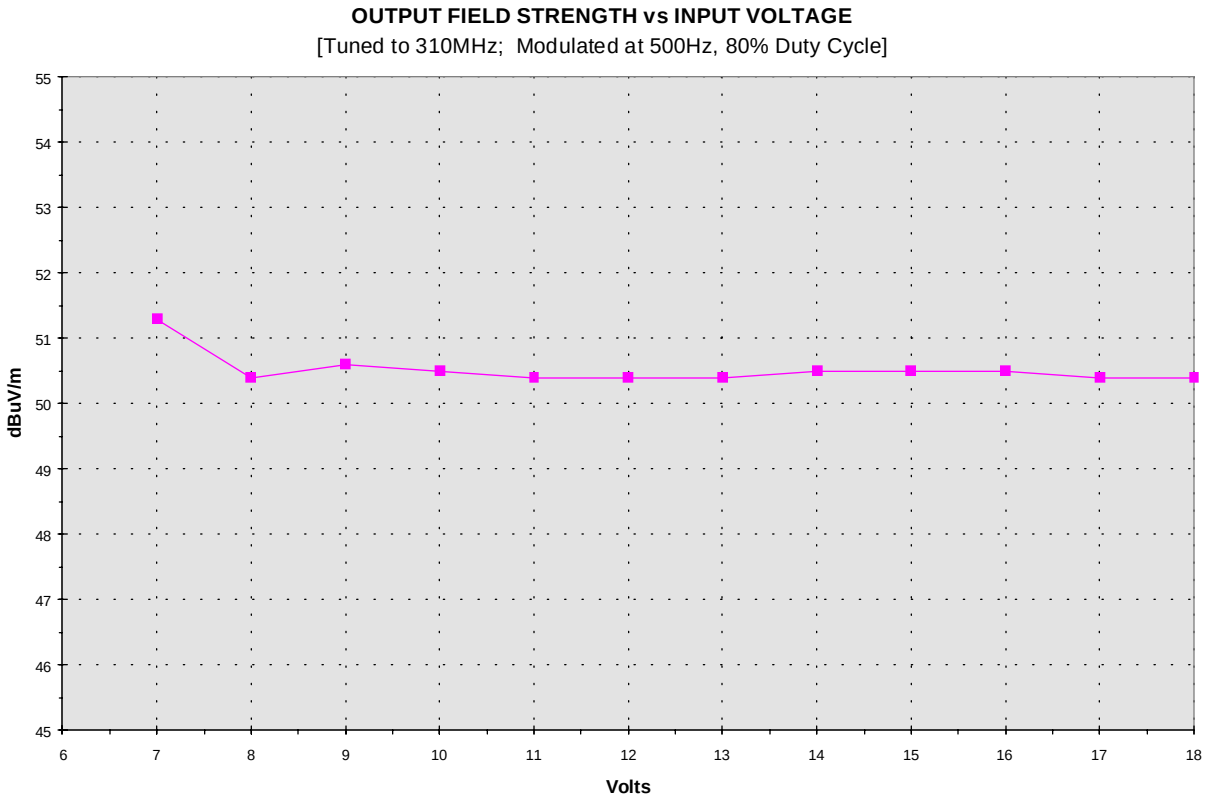
310MHz, 500Hz Modulation, 80% duty cycle



Relative Emission Level vs. Supply Voltage [15.31(e)]

The relative emission level as the supply voltage varied is presented in the charts below.

TX OUTPUT vs. Voltage LEVEL DUT= CB2VWHL3, 310MHz, 80%duty cycle	
Volt In	TX OutPut Pk dBuV/m
6	no-op
7	51.3
8	50.4
9	50.6
10	50.5
11	50.4
12	50.4
13	50.4
14	50.5
15	50.5
16	50.5
17	50.4
18	50.4



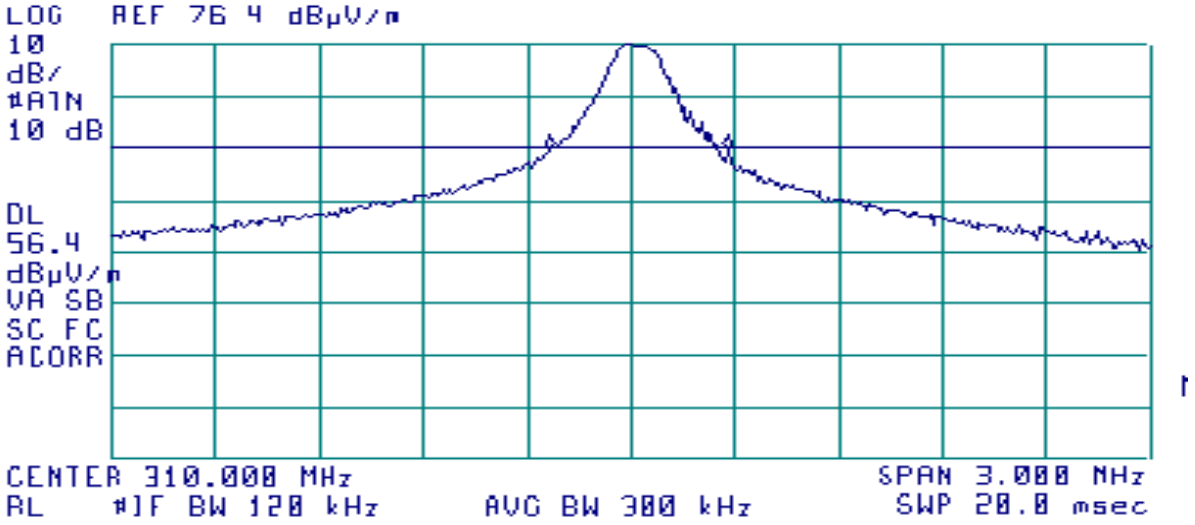
Occupied Bandwidth [15.231(c)]

The maximum allowed 20dB bandwidth is determined pursuant to 15.23(c). For fundamental signals between 70MHz and 900MHz the bandwidth allowed is 0.25% of the fundamental.

Formula 2: Allowed bandwidth = [Fundamental] x [.0025]

Fundamental (MHz)	Duty Cycle	Measured 20dB Bandwidth	LIMIT Fundamental * .0025
288	30%	563 KHz	720 KHz
"	50%	488 KHz	720 KHz
"	80%	510 KHz	720 KHz
310	30%	488 KHz	775 KHz
"	50%	503 KHz	775 KHz
"	80%	510 KHz	775 KHz
418	30%	585 KHz	1045 KHz
"	50%	533 KHz	1045 KHz
"	80%	488 KHz	1045 KHz

This chart shows a typical measured bandwidth signal.



Restricted Bands: [15.205]

The following frequency bands are restricted. Only spurious emissions are permitted at levels limited by 15.209:

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.25
0.490-0.510	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2655-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	Above 38.6
13.36-13.41			

LIMIT @ 3meter: [15.209(a)]

30-88MHz	100uV/m	40dBuV/m
88-216MHz	150uV/m	43.5dBuV/m
216-960MHz	200uV/m	46dBuV/m
above 960MHz	500uV/m	54dBuV/m

Verification of no capability to tune within the Restricted Bands.

The unit is designed capable of tuning from 288MHz to 420MHz. Except that the Homelink® III firmware prevents the possibility of tuning to the restricted regions of 322-335.4MHz, 399.9-410Mhz, and the region 304-307MHz.

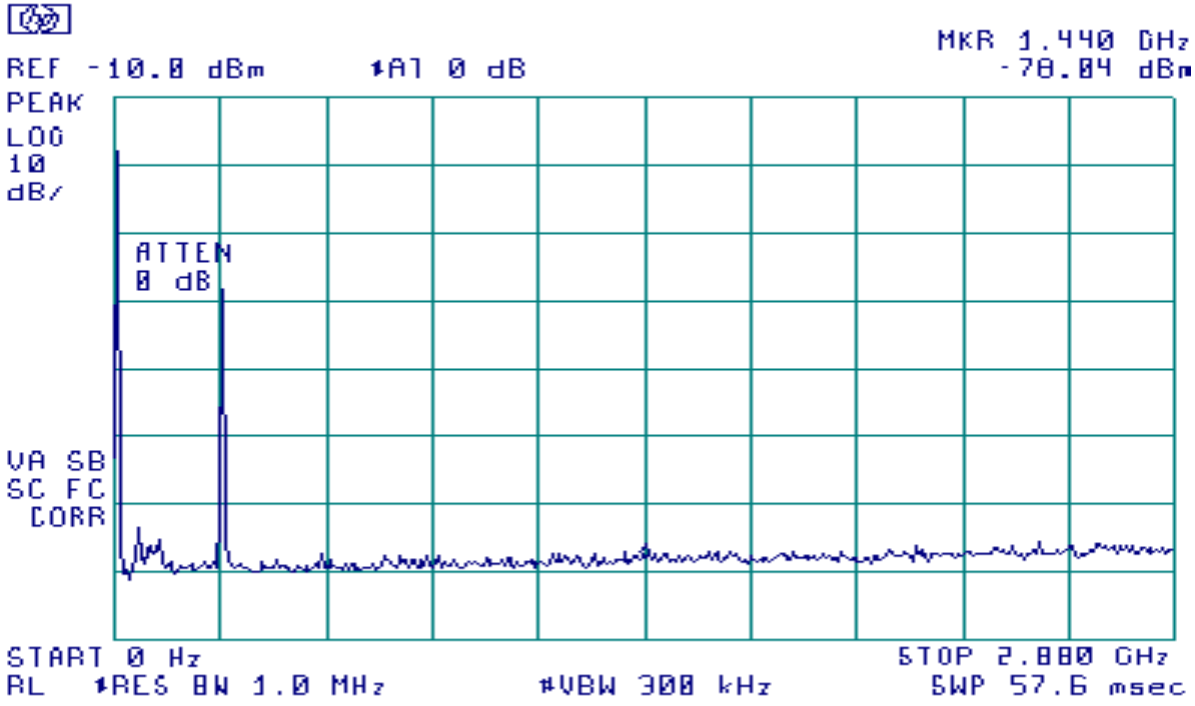
An exercise which attempted to train the units into these restricted bands demonstrated how well the firmware functioned. The unit could not be trained any closer than 1MHz to the restricted bands of 15.205 and no closer than 500KHz outside the band 304-307MHz.

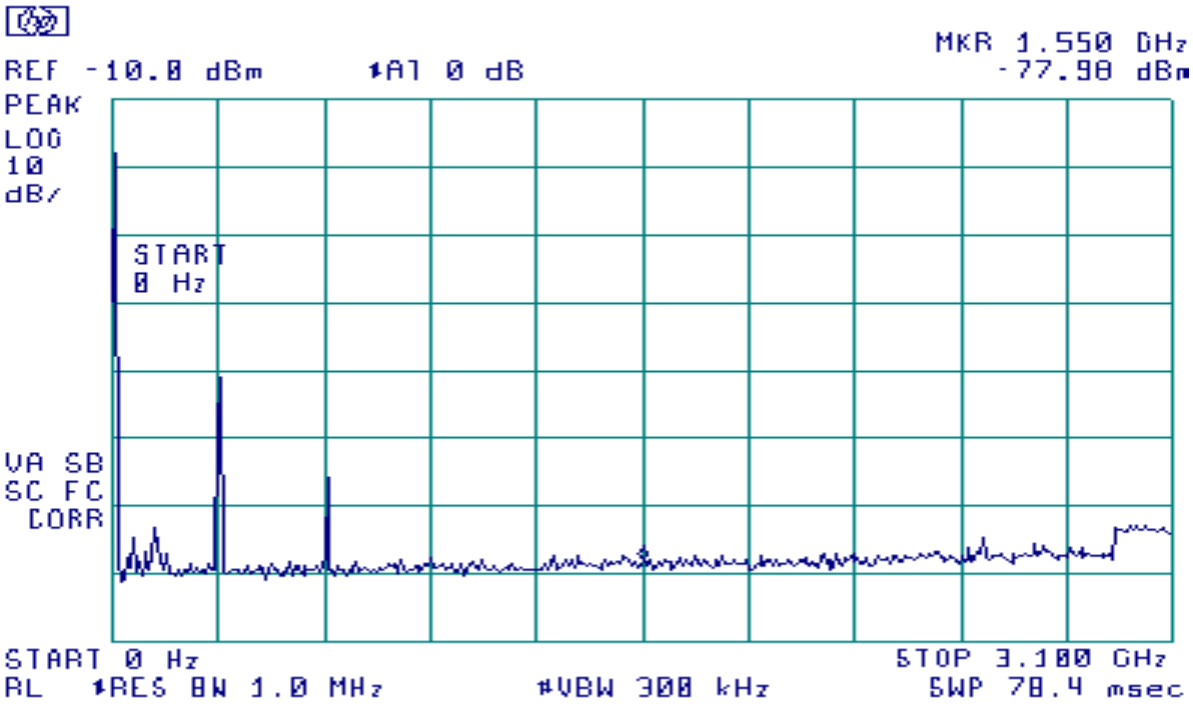
The spurious emissions observed in the restricted bands did not exceed the allowed limits for the restricted bands.

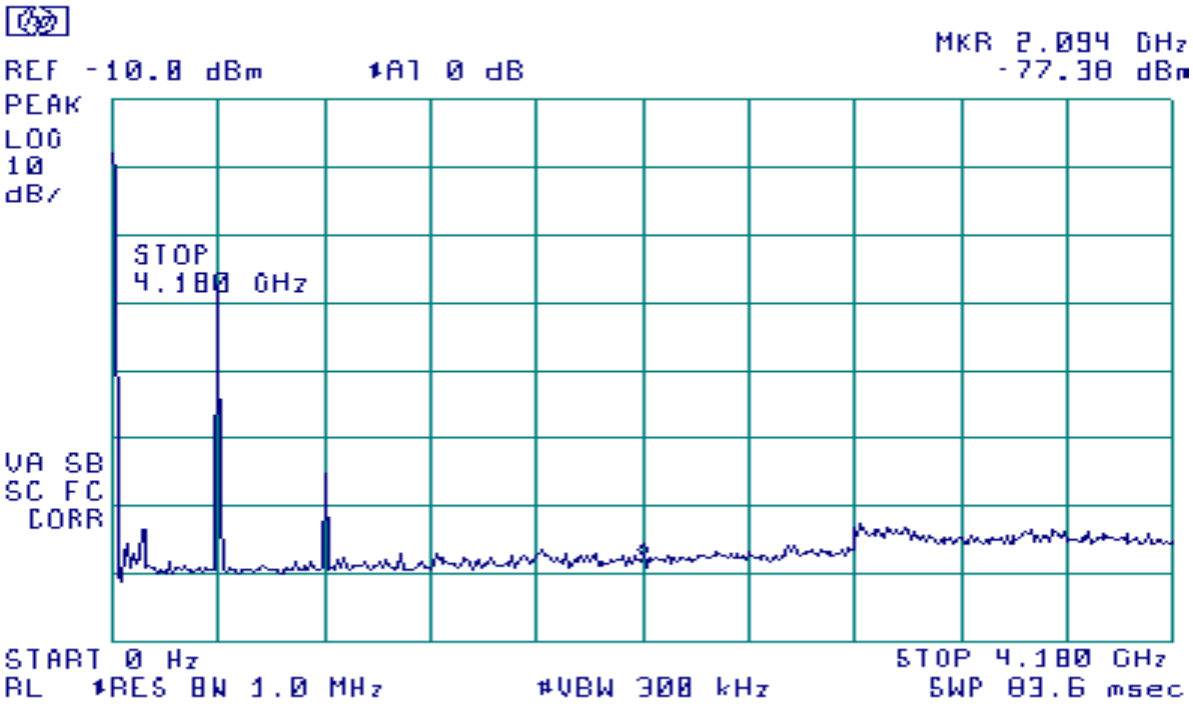
Radiated Field Strength Measurements: [15.231(b), 15.205]

A scan of the CB2VWHL3 was made in a shielded room to study the emission profile of the EUT. These scans indicate there are low level spurious emissions from the unit other than the fundamental and its associated harmonics. These signals were measured at the 3-meter open area test site.

The first series of charts show the spectrum pattern of the EUT emissions. The levels indicated are not calibrated levels. Following the charts is a table of the measured levels at the 3-meter OATS.

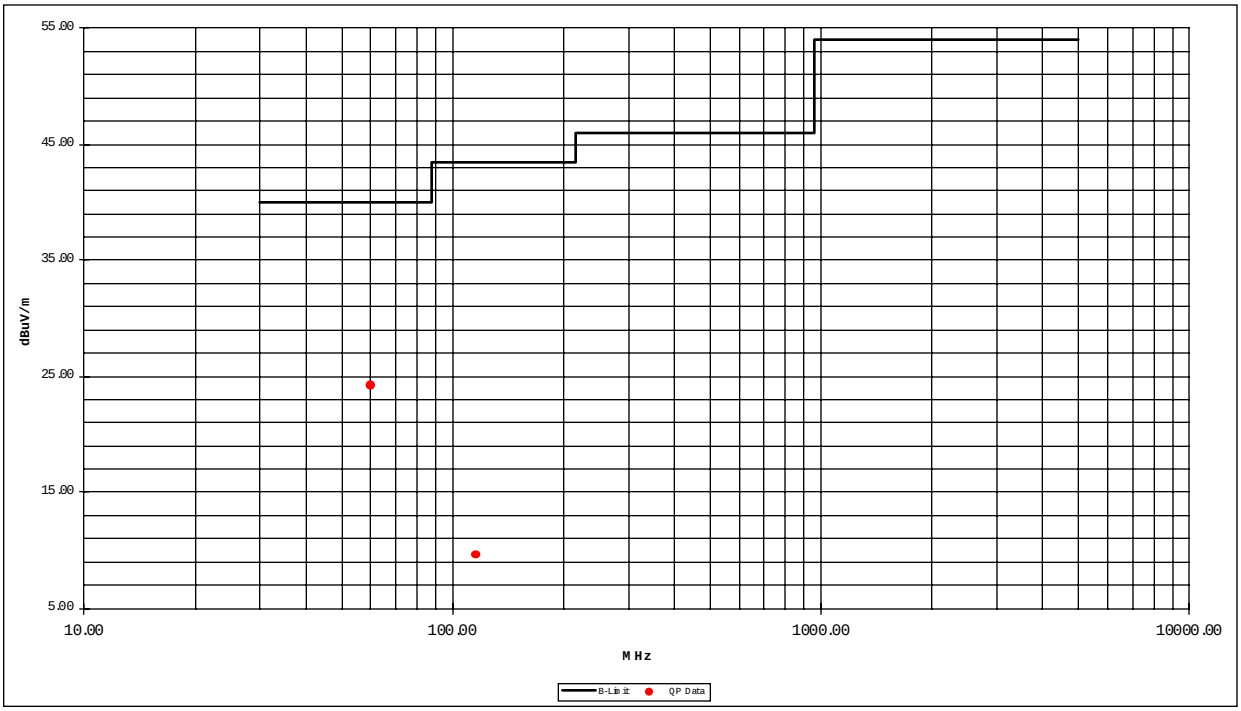



MKR 1.550 GHz
-77.98 dBm
REF -10.8 dBm
#A1 0 dB
PEAK
LOG
10
dB/
START
0 Hz
VA SB
SC FC
CORR
START 0 Hz
STOP 3.100 GHz
RL #RES BW 1.0 MHz
#VBW 300 kHz
SWP 78.4 msec


MKR 2.094 GHz
-77.38 dBm
REF -10.8 dBm
#A1 0 dB
PEAK
LOG
10
dB/
STOP
4.180 GHz
VA SB
SC FC
CORR
START 0 Hz
STOP 4.180 GHz
RL #RES BW 1.0 MHz
#VBW 300 kHz
SWP 83.6 msec

Radiated Field Strength Measurements

Graph of Quasi-Peak Measurements



Tabulated Quasi-Peak Measurements.

Frequency	Quasi Peak Measurement	FCC Class B Limit	Margin	polarity	Included Cable + Antenna Factors
MHz	dBuV/m	dBuV/m	dB		dB/m
60.00	24.19	40.00	-15.81	V	8.52
116.00	9.58	43.50	-33.92	H	8.78

Field Strength Measurements of Fundamental : [15.231(b)]

MEASUREMENT PROCEDURE:

1. The EUT was trained to one of the three test frequencies.
2. The EUT was trained to one of the three test duty cycles.
3. The EUT was setup to one of the three orthogonal positions.
4. Steps 1-3 were repeated to cover all positions, duty cycles, and frequencies.

DUT Tuned to transmit at 288MHz

Freq. MHz	DUT position	Ant. Pol.	Corrected Data Peak Detector dBuV/m	Duty Cycle %	Duty Cycle Factor dB	Calculated Average Level dBuV/m	FCC Limit dBuV/m	Margin dB	Cable +Ant. Factor dB+dB/m
288	side	H	81.7	30%	-10.46	71.2	73.8	**2.6**	14.29
"	"	"	78.8	50%	-6.02	72.8	73.8	**1.0**	"
"	"	"	73.8	80%	-1.94	71.9	73.8	**1.9**	"

DUT Tuned to transmit at 310MHz

Freq. MHz	DUT position	Ant. Pol.	Corrected Data Peak Detector dBuV/m	Duty Cycle %	Duty Cycle Factor dB	Calculated Average Level dBuV/m	FCC Limit dBuV/m	Margin dB	Cable +Ant. Factor dB+dB/m
310	side	H	83.7	30%	-10.46	73.2	75.3	**2.1**	14.94
"	"	"	80.7	50%	-6.02	74.7	75.3	**0.6**	"
"	"	"	75.0	80%	-1.94	73.1	75.3	**2.2**	"

DUT Tuned to transmit at 418MHz

Freq. MHz	DUT position	Ant. Pol.	Corrected Data Peak Detector dBuV/m	Duty Cycle %	Duty Cycle Factor dB	Calculated Average Level dBuV/m	FCC Limit dBuV/m	Margin dB	Cable +Ant. Factor dB+dB/m
418	end	V	89.8	30%	-10.46	79.3	80.3	**1.0**	17.44
"	"	"	85.2	50%	-6.02	79.2	80.3	**1.1**	"
"	"	"	81.2	80%	-1.94	79.3	80.3	**1.0**	"

Field Strength Measurements of Harmonics: [15.231(b), 15.205]

DUT Tuned to transmit at 288MHz

Freq. MHz	DUT position	Ant. Pol.	Corrected Data Peak Detector dBuV/m	Duty Cycle %	Duty Cycle Factor dB	Calculated Average Level dBuV/m	FCC Limit dBuV/m	Margin dB	Cable +Ant. Factor dB+dB/m
576	flat	H	62.6	30%	-10.46	52.1	53.8	**1.7**	21.0
"	"	"	57.6	50%	-6.02	51.6	53.8	**2.2**	"
"	end	V	49.5	80%	-1.94	47.6	53.8	**6.2**	"
864	flat	H	39.6	30%	-10.46	29.1	53.8	**24.7**	24.8
"	"	"	36.1	50%	-6.02	30.1	53.8	**23.7**	"
"	side	V	32.3	80%	-1.94	30.4	53.8	**23.4**	"
1152	flat	H	37.1	30%	-10.46	26.6	54.0	**27.4**	26.2
"	"	"	34.8	50%	-6.02	28.8	54.0	**25.2**	"
"	end	"	31.6	80%	-1.94	29.7	54.0	**24.3**	"
1440	flat	H	43.6	30%	-10.46	33.1	54.0	**20.9**	27.1
"	"	"	40.7	50%	-6.02	34.7	54.0	**19.3**	"
"	"	"	35.5	80%	-1.94	33.6	54.0	**20.4**	"
1728	flat	H	39.3	30%	-10.46	28.8	54.0	**25.2**	30.2
"	"	"	38.1	50%	-6.02	32.1	54.0	**21.9**	"
"	"	"	35.0	80%	-1.94	33.1	54.0	**20.9**	"
2016	flat	H	40.4	30%	-10.46	29.9	54.0	**24.1**	33.0
"	"	"	38.7	50%	-6.02	32.7	54.0	**21.3**	"
"	end	"	35.0	80%	-1.94	33.1	54.0	**20.9**	"
2304	flat	H	33 Noise Floor	30%	-10.46	<22	54.0	**>32**	32.1
"	"	"	33 Noise Floor	50%	-6.02	<27	54.0	**>27**	"
"	"	"	34 Noise Floor	80%	-1.94	<32	54.0	**>22**	"
2592	flat	H	35 Noise Floor	30%	-10.46	<24	54.0	**>30**	32.2
"	"	"	35 Noise Floor	50%	-6.02	<29	54.0	**>25**	"
"	"	"	35 Noise Floor	80%	-1.94	<33	54.0	**>21**	"
2880	flat	H	36 Noise Floor	30%	-10.46	<26	54.0	**>28**	33.5
"	"	"	36 Noise Floor	50%	-6.02	<30	54.0	**>24**	"
"	"	"	37 Noise Floor	80%	-1.94	<35	54.0	**>19**	"

DUT Tuned to transmit at 310MHz

Freq. MHz	DUT position	Ant. Pol.	Corrected Data Peak Detector dBuV/m	Duty Cycle %	Duty Cycle Factor dB	Calculated Average Level dBuV/m	FCC Limit dBuV/m	Margin dB	Cable +Ant. Factor dB+dB/m
620	flat	H	63.4	30%	-10.46	52.9	55.3	**2.4**	21.7
"	side	V	58.9	50%	-6.02	52.9	55.3	**2.4**	"
"	"	"	49.8	80%	-1.94	47.9	55.3	**7.4**	"
930	side	V	41.9	30%	-10.46	31.4	55.3	**23.9**	25.3
"	"	"	38.2	50%	-6.02	32.2	55.3	**23.1**	"
"	end	H	36 w. ambient	80%	-1.94	<34	55.3	>**22**	"
1240	flat	H	40.5	30%	-10.46	30.0	54.0	**24**	26.5
"	"	"	37.2	50%	-6.02	31.2	54.0	**22.8**	"
"	"	"	30.1	80%	-1.94	28.2	54.0	**25.8**	"
1550	flat	H	47.6	30%	-10.46	37.1	54.0	**16.9**	28.0
"	"	"	43.5	50%	-6.02	37.5	54.0	**16.5**	"
"	end	"	40.1	80%	-1.94	38.2	54.0	**15.8**	"
1860	end	H	41.0	30%	-10.46	30.5	55.3	**24.8**	31.6
"	flat	"	38.5	50%	-6.02	32.5	55.3	**22.8**	"
"	end	"	34.9	80%	-1.94	33.0	55.3	**22.3**	"
2170	end	H	41.0	30%	-10.46	30.5	55.3	**24.8**	32.4
"	flat	"	38.8	50%	-6.02	32.8	55.3	**22.5**	"
"	"	"	36.4	80%	-1.94	34.5	55.3	**20.8**	"
2480	side	H	34 Noise Floor	30%	-10.46	<24	55.3	>**31**	31.8
"	"	"	33 Noise Floor	50%	-6.02	<27	55.3	>**28**	"
"	flat	"	33 Noise Floor	80%	-1.94	<31	55.3	>**24**	"
2790	side	H	34 Noise Floor	30%	-10.46	<24	54.0	>**30**	33.1
"	"	"	34 Noise Floor	50%	-6.02	<28	54.0	>**26**	"
"	flat	"	34 Noise Floor	80%	-1.94	<32	54.0	>**22**	"
3100	end	H	36 Noise Floor	30%	-10.46	<26	54.0	>**28**	34.2
"	side	"	36 Noise Floor	50%	-6.02	<30	54.0	>**24**	"
"	flat	"	36 Noise Floor	80%	-1.94	<34	54.0	>**20**	"

DUT Tuned to transmit at 418MHz

Freq. MHz	DUT position	Ant. Pol.	Corrected Data Peak Detector dBuV/m	Duty Cycle %	Duty Cycle Factor dB	Calculated Average Level dBuV/m	FCC Limit dBuV/m	Margin dB	Cable +Ant. Factor dB+dB/m
836	end	V	63.8	30%	-10.46	53.3	60.3	**7**	24.6
"	"	"	54.4	50%	-6.02	48.4	60.3	**11.9**	"
"	flat	H	48.6	80%	-1.94	46.7	60.3	**13.6**	"
1254	flat	H	51.6	30%	-10.46	41.1	54.0	**12.9**	26.5
"	"	"	46.5	50%	-6.02	40.5	54.0	**13.5**	"
"	"	"	39.0	80%	-1.94	37.1	54.0	**16.9**	"
1672	end	H	51.5	30%	-10.46	41.0	54.0	**13**	29.5
"	flat	"	44.9	50%	-6.02	39.0	54.0	**15**	"
"	"	"	40.6	80%	-1.94	38.7	54.0	**15.3**	"
2090	flat	H	48.1	30%	-10.46	37.6	60.3	**22.7**	32.7
"	"	"	42.0	50%	-6.02	36.0	60.3	**24.3**	"
"	end	"	40.6	80%	-1.94	38.7	60.3	**34.7**	"
2508	side	H	40.8	30%	-10.46	30.3	60.3	**30**	31.8
"	"	"	36.8	50%	-6.02	30.8	60.3	**29.5**	"
"	"	"	34.3	80%	-1.94	32.4	60.3	**27.9**	"
2926	end	H	39.2	30%	-10.46	28.7	60.3	**31.6**	33.7
"	"	"	37 Noise Floor	50%	-6.02	<31	60.3	>**29**	"
"	"	"	36 Noise Floor	80%	-1.94	<34	60.3	>**26**	"
3344	end	H	40 Noise Floor	30%	-10.46	<30	60.3	>**30**	34.8
"	"	"	40 Noise Floor	50%	-6.02	<34	60.3	>**26**	"
"	"	"	39 Noise Floor	80%	-1.94	<37	60.3	>**23**	"
3762	end	H	39 Noise Floor	30%	-10.46	<28	54.0	>**26**	35.8
"	flat	"	39 Noise Floor	50%	-6.02	<33	54.0	>**21**	"
"	end	"	39 Noise Floor	80%	-1.94	<37	54.0	>**17**	"
4180	flat	H	39 Noise Floor	30%	-10.46	<28	54.0	>**26**	36.1
"	end	"	38 Noise Floor	50%	-6.02	<34	54.0	>**20**	"
"	"	"	38 Noise Floor	80%	-1.94	<36	54.0	>**18**	"

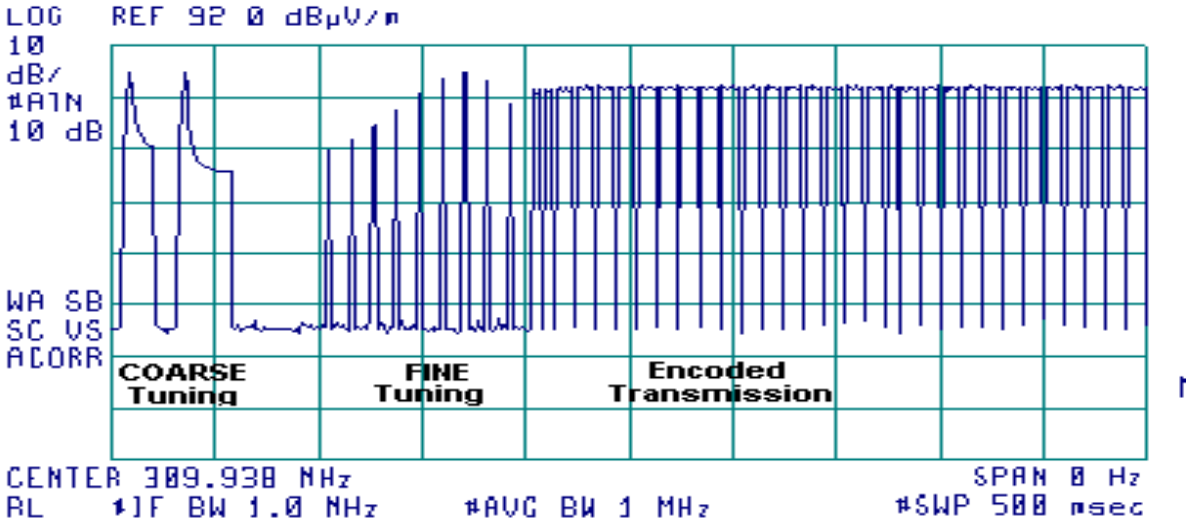
Calculation of Field Strength of Tuning Pulses: [15.231(b)], 15.31(c)]

The tuning pulses are generated each time the CB2VWHL3 is activated.

The tuning pulse sequence is: During the first 100mSec of activation two pulses of a 'coarse' tune. During the second 100mSec of activation are nine pulses of a 'fine' tune. At approximately 200mSec after activation the encoded transmission begins.

The signal levels of the tuning pulses were maximized by maximizing the signal levels of the pulse modulated transmission. The antenna height and turntable azimuth for maximum emission levels were adjusted while measuring the field strength of the pulse modulated transmissions.

A typical tuning pulse sequence is presented in this figure below.



To determine level of the tuning pulses for comparison to the limits, the following procedure was used.

MEASUREMENT PROCEDURE:

1. The EUT was trained to each of the three test frequencies at 30% duty cycle of the 500Hz modulating pulse.
2. The HP8456A EMI Receiver was adjusted to a fundamental frequency and set at 0Hz span, with 1MHz IF Bandwidth.
3. The trigger level was adjusted to capture the pulses of interest.
4. The EUT was activated and a single trace recorded on the Receiver in order to capture the tuning pulses.
5. The captured trace was digitally stored. The stored data points (400 data points for a full screen trace) were then used in calculations to determine the levels of the pulses.

CALCULATION OF THE FIELD STRENGTH OF THE TUNING PULSES.[15.35(c)]

Pursuant to 47 CFR 15.35(c), the field strength is determined by averaging over ONE complete pulse train up to 100mSec, including blanking intervals.

1. First was determined the number of data points captured which represented 100mSec span of time. There are 400 data points stored for one complete trace. The scan rate of the HP8546A receiver was set to capture the tuning pulses.

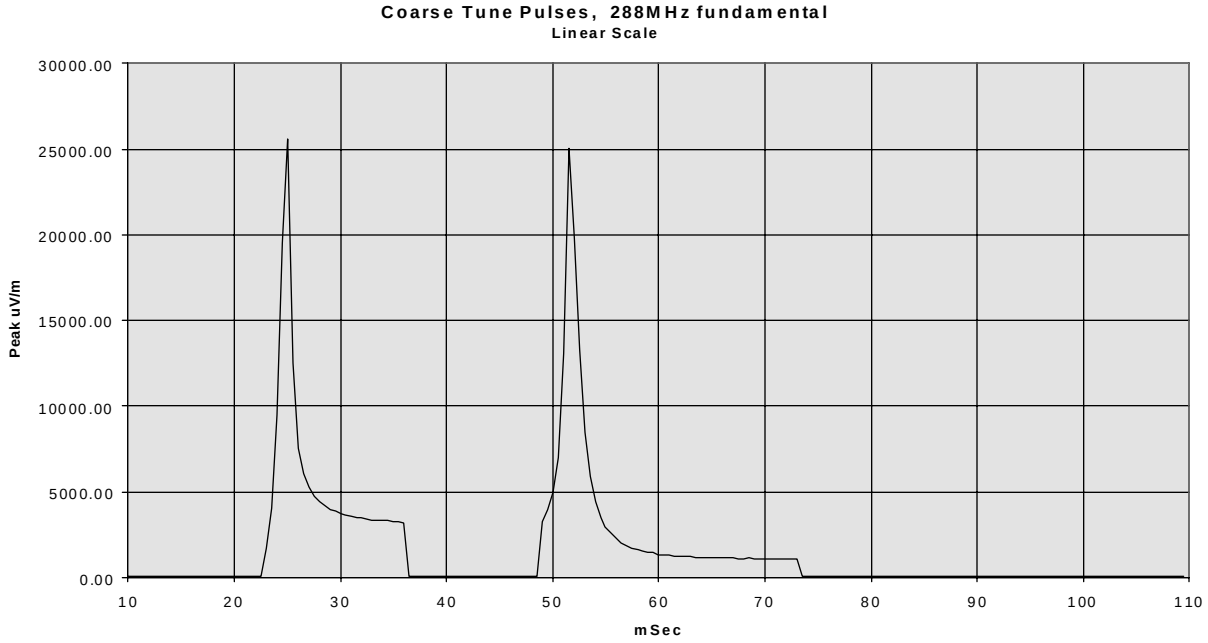
   Therefore: Number of data points per 100mSec
   = 100mSec * (400pts/scan) / (No. of mSec/scan).
   Example: If the scan rate is set at 240mSec, then the number of data points per 100mSec is 100mSec * (400pts / 240mSec) = 167 pts.

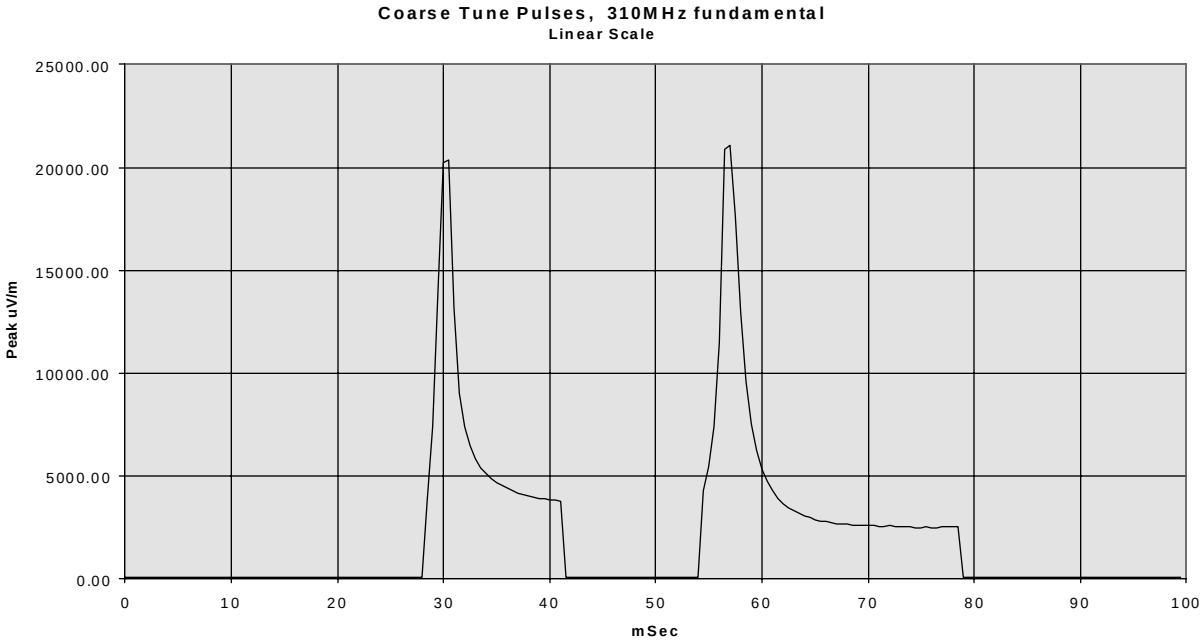
2. The AVERAGE field strength level (uV/m) within the 100mSec is then determined by dividing SUM of the levels (uV/m) of all data points by the number of data points.

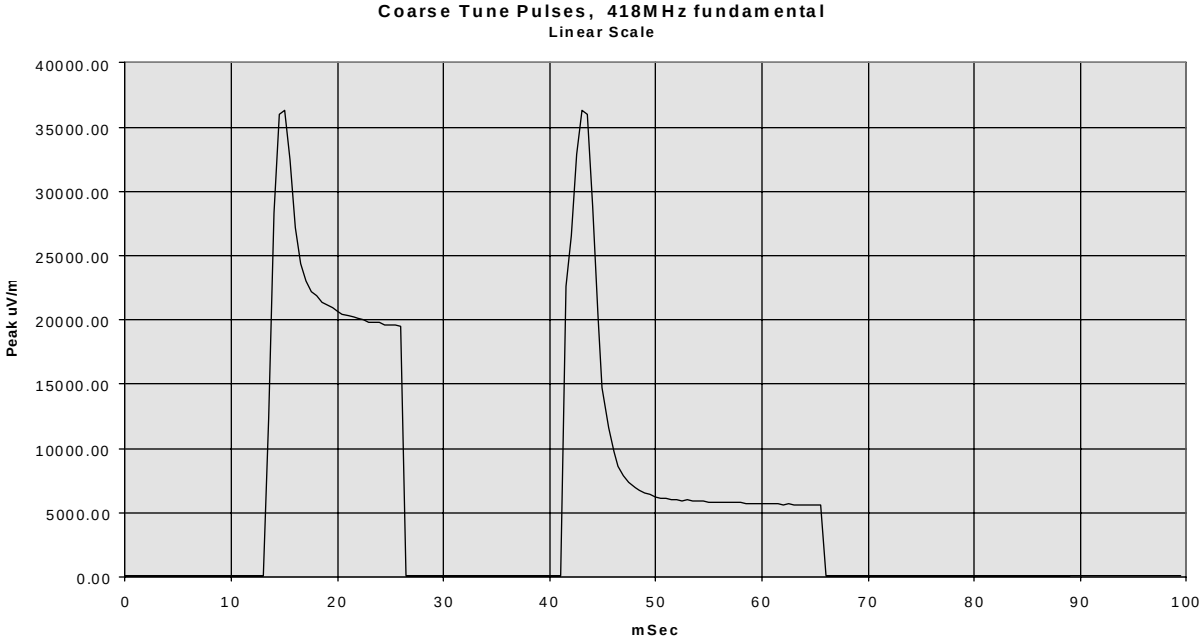
   Formula 3: Average Field Intensity

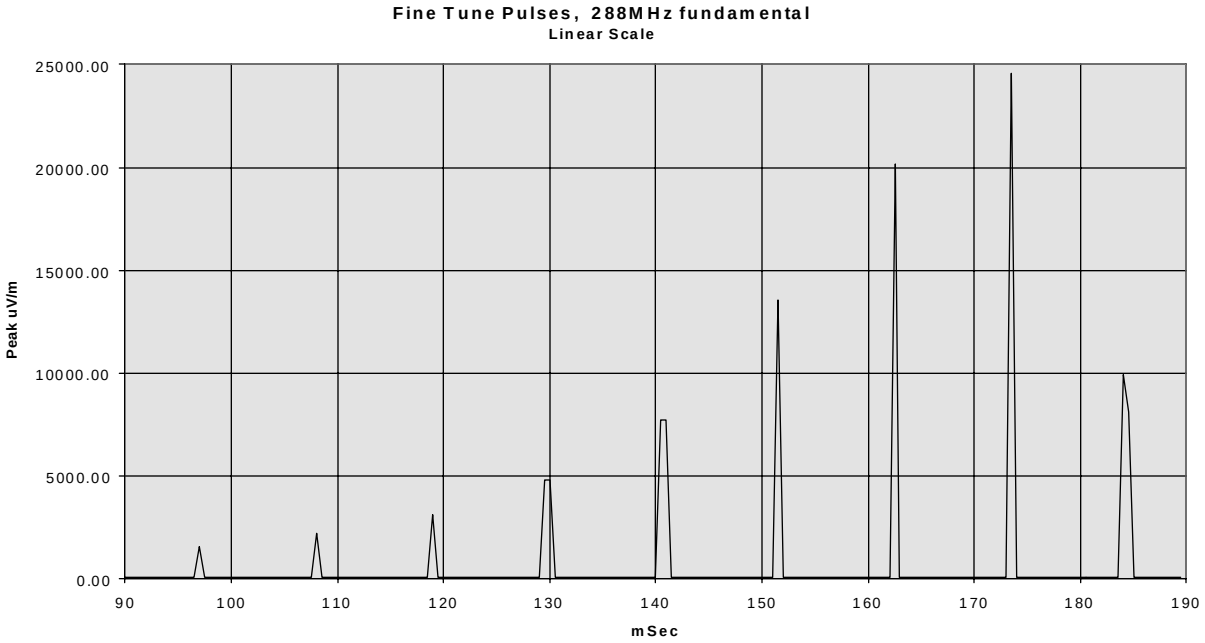
$$\text{Avg. F.I.} = \frac{\sum_{n=1}^{\text{no. of data pts}} (\text{Level}_n)\text{uV/m}}{\text{(number of data points)}}$$

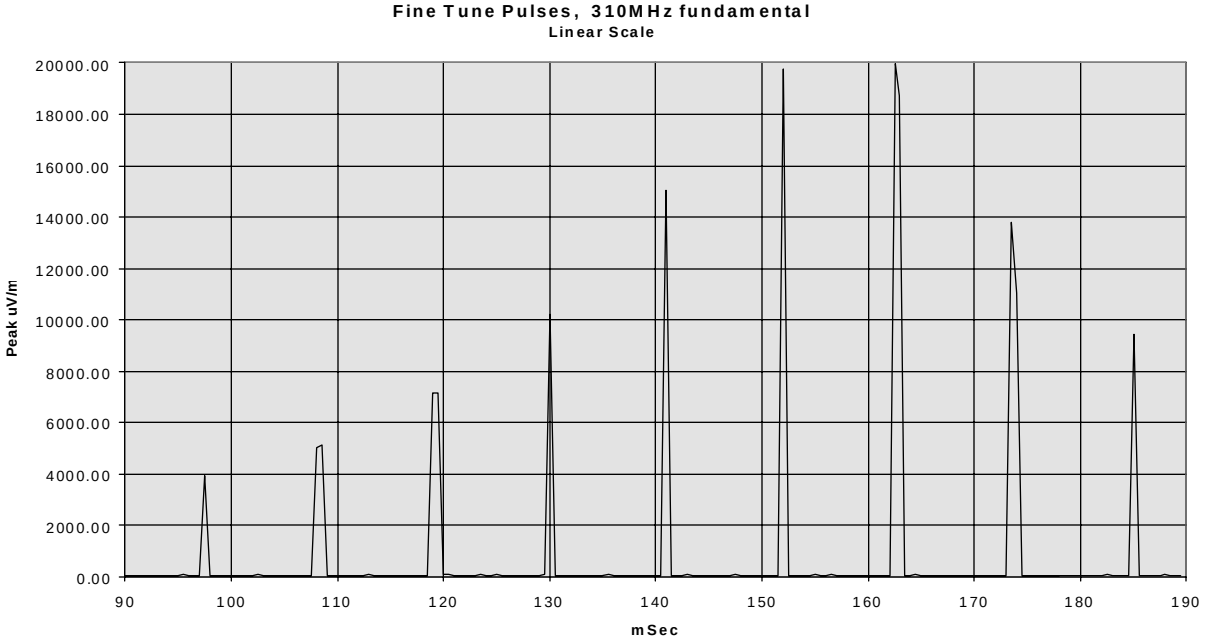
The charts that follow are the reproduction of the coarse tune pulse traces using number of data points representing 100mSec sweep time from the screen display of the HP8546A EMI receiver.

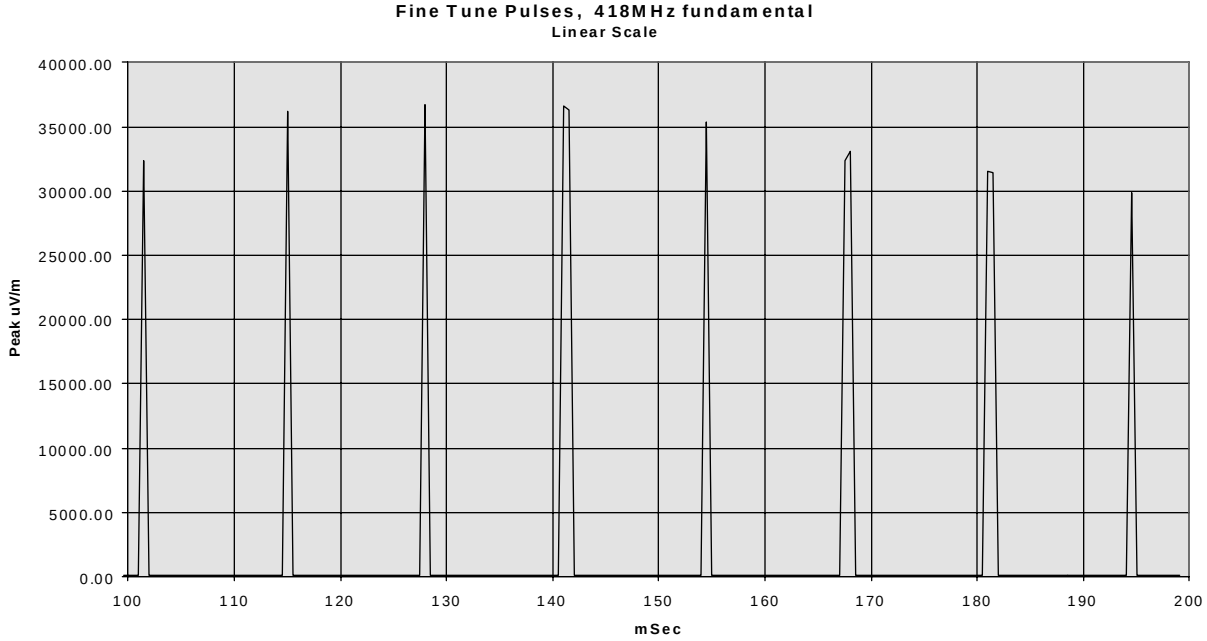



Coarse Tune Pulses, 310MHz fundamental
Linear Scale
Peak uV/m
25000.00
20000.00
15000.00
10000.00
5000.00
0.00
0
10
20
30
40
50
60
70
80
90
100
mSec


Coarse Tune Pulses, 418MHz fundamental
Linear Scale
Peak uV/m
40000.00
35000.00
30000.00
25000.00
20000.00
15000.00
10000.00
5000.00
0.00
0
10
20
30
40
50
60
70
80
90
100
mSec


Fine Tune Pulses, 288MHz fundamental
Linear Scale
Peak uV/m
25000.00
20000.00
15000.00
10000.00
5000.00
0.00
90
100
110
120
130
140
150
160
170
180
190
mSec


Fine Tune Pulses, 310MHz fundamental
Linear Scale
Peak uV/m
20000.00
18000.00
16000.00
14000.00
12000.00
10000.00
8000.00
6000.00
4000.00
2000.00
0.00
90
100
110
120
130
140
150
160
170
180
190
mSec



The raw data used in calculating the average field intensity of the tuning pulses are presented in the Appendix of this test report.

COARSE TUNE PULSES, Calculated average over 100mSec

TX Freq. (MHz)	SUM of the levels of all data points in 100mSec span (uV/m)	Number of Data points in 100mSec span N	Average SUM/N (uV/m)	LIMIT (uV/m)	MARGIN (dB)
288	329,445	200	1,647	4917	**9.5**
310	419,972	200	2,100	5833	**8.9**
418	1,075,997	200	5,380	10333	**5.7**

FINE TUNE PULSES, Calculated average over 100mSec

TX Freq. (MHz)	SUM of the levels of all data points in 100mSec span (uV/m)	Number of Data points in 100mSec span N	Average SUM/N (uV/m)	LIMIT (uV/m)	MARGIN (dB)
288	120,589	200	603	4917	**18.2**
310	159,567	200	798	5833	**17.3**
418	391,271	200	1956	10333	**14.5**

APPENDIX: Tune Pulses - Data Details

COARSE TUNE Pulse; Fundamental Frequency = 288MHz

	mSec	Level uV/m	mSec	Level uV/m	mSec	Level uV/m	mSec	Level uV/m
1	10	61.24	35	3262.12	60	1353.63	85	66.99
2	10.5	79.25	35.5	3243.40	60.5	1304.67	85.5	67.92
3	11	66.99	36	3191.54	61	1297.18	86	63.83
4	11.5	69.90	36.5	68.23	61.5	1234.53	86.5	74.64
5	12	71.61	37	64.19	62	1231.69	87	61.02
6	12.5	56.95	37.5	76.47	62.5	1228.85	87.5	72.11
7	13	64.34	38	76.82	63	1218.99	88	63.46
8	13.5	70.31	38.5	65.77	63.5	1195.36	88.5	70.06
9	14	61.94	39	56.82	64	1170.85	89	61.02
10	14.5	70.63	39.5	64.49	64.5	1173.55	89.5	62.45
11	15	61.52	40	69.90	65	1158.78	90	63.97
12	15.5	62.95	40.5	70.31	65.5	1149.48	90.5	61.87
13	16	67.53	41	61.94	66	1131.10	91	62.95
14	16.5	60.12	41.5	61.87	66.5	1133.70	91.5	62.66
15	17	60.60	42	66.30	67	1131.10	92	59.63
16	17.5	65.24	42.5	61.87	67.5	1124.60	92.5	65.92
17	18	78.61	43	61.24	68	1122.02	93	66.30
18	18.5	65.54	43.5	69.74	68.5	1140.25	93.5	65.39
19	19	59.91	44	57.28	69	1124.60	94	66.60
20	19.5	66.30	44.5	65.39	69.5	1113.01	94.5	61.73
21	20	63.31	45	61.87	70	1115.58	95	75.08
22	20.5	55.46	45.5	58.34	70.5	1109.17	95.5	57.74
23	21	59.63	46	58.68	71	1113.01	96	66.45
24	21.5	70.88	46.5	69.90	71.5	1106.62	96.5	70.63
25	22	65.01	47	69.74	72	1097.74	97	61.02
26	22.5	61.52	47.5	59.77	72.5	1104.08	97.5	65.39
27	23	1713.96	48	68.39	73	1097.74	98	65.77
28	23.5	4041.10	48.5	63.17	73.5	60.26	98.5	71.04
29	24	9517.00	49	3299.89	74	65.54	99	60.88
30	24.5	19543.39	49.5	3944.57	74.5	74.47	99.5	62.95
31	25	25615.33	50	5017.65	75	63.83	100	65.77
32	25.5	12516.99	50.5	7022.63	75.5	80.08	100.5	75.08
33	26	7568.33	51	13061.71	76	61.52	101	62.45
34	26.5	6053.41	51.5	25032.26	76.5	60.60	101.5	62.95
35	27	5266.23	52	19815.27	77	71.61	102	63.83
36	27.5	4753.35	52.5	13273.94	77.5	61.38	102.5	56.95
37	28	4410.62	53	8521.19	78	70.31	103	63.17
38	28.5	4187.94	53.5	5895.22	78.5	68.23	103.5	58.68
39	29	3976.49	54	4410.62	79	60.60	104	61.24
40	29.5	3921.93	54.5	3539.97	79.5	71.86	104.5	63.17
41	30	3762.70	55	2947.81	80	67.92	105	60.12
42	30.5	3655.95	55.5	2576.32	80.5	60.60	105.5	62.30
43	31	3568.62	56	2259.44	81	65.77	106	72.11
44	31.5	3531.83	56.5	2030.02	81.5	60.39	106.5	69.74
45	32	3471.36	57	1905.46	82	63.83	107	81.66
46	32.5	3415.86	57.5	1731.81	82.5	65.54	107.5	66.07
47	33	3361.24	58	1636.82	83	57.08	108	58.48
48	33.5	3334.26	58.5	1548.82	83.5	60.39	108.5	71.86
49	34	3315.13	59	1457.14	84	59.77	109	63.68
50	34.5	3307.50	59.5	1437.14	84.5	73.45	109.5	62.30

COARSE TUNE Pulse; Fundamental Frequency = 310MHz

	mSec	Level uV/m	mSec	Level uV/m	mSec	Level uV/m	mSec	Level uV/m
1	0	69.42	25	67.84	50	68.55	75	2494.59
2	0.5	67.30	25.5	69.74	50.5	62.30	75.5	2500.35
3	1	64.12	26	67.30	51	75.68	76	2466.04
4	1.5	74.47	26.5	70.31	51.5	68.94	76.5	2494.59
5	2	66.37	27	75.51	52	79.25	77	2552.70
6	2.5	76.30	27.5	68.94	52.5	68.94	77.5	2546.83
7	3	78.61	28	83.85	53	68.00	78	2520.58
8	3.5	75.68	28.5	3881.50	53.5	68.79	78.5	2514.78
9	4	69.98	29	7404.57	54	69.74	79	75.25
10	4.5	77.09	29.5	14012.00	54.5	4305.27	79.5	78.34
11	5	65.16	30	20230.19	55	5476.46	80	72.28
12	5.5	77.71	30.5	20393.89	55.5	7387.54	80.5	74.90
13	6	65.54	31	13167.40	56	11468.33	81	68.94
14	6.5	82.99	31.5	9036.49	56.5	20892.96	81.5	67.84
15	7	65.39	32	7404.57	57	21062.02	82	70.55
16	7.5	66.91	32.5	6456.54	57.5	17619.76	82.5	63.10
17	8	65.84	33	5854.64	58	12986.74	83	76.74
18	8.5	72.28	33.5	5407.54	58.5	9582.97	83.5	74.22
19	9	83.18	34	5110.93	59	7507.58	84	72.03
20	9.5	72.28	34.5	4858.48	59.5	6223.00	84.5	75.68
21	10	59.09	35	4688.13	60	5333.35	85	87.70
22	10.5	70.31	35.5	4518.56	60.5	4742.42	85.5	67.30
23	11	70.31	36	4385.31	61	4260.89	86	76.30
24	11.5	76.74	36.5	4280.55	61.5	3890.45	86.5	70.71
25	12	64.34	37	4173.50	62	3634.96	87	66.91
26	12.5	70.55	37.5	4097.32	62.5	3443.50	87.5	66.76
27	13	76.74	38	4031.81	63	3288.52	88	63.46
28	13.5	67.69	38.5	3967.35	63.5	3158.64	88.5	86.70
29	14	69.98	39	3899.42	64	3030.40	89	71.86
30	14.5	76.12	39.5	3859.22	64.5	2958.01	89.5	67.84
31	15	73.79	40	3828.25	65	2867.48	90	71.29
32	15.5	66.22	40.5	3797.52	65.5	2815.14	90.5	65.01
33	16	76.47	41	3758.37	66	2779.71	91	84.53
34	16.5	75.51	41.5	75.51	66.5	2725.84	91.5	59.84
35	17	71.86	42	64.86	67	2688.44	92	77.36
36	17.5	65.54	42.5	68.23	67.5	2657.66	92.5	66.22
37	18	67.69	43	62.09	68	2636.33	93	77.09
38	18.5	66.60	43.5	70.15	68.5	2609.16	93.5	66.22
39	19	65.16	44	62.30	69	2603.15	94	67.84
40	19.5	68.23	44.5	65.01	69.5	2603.15	94.5	63.31
41	20	74.47	45	67.69	70	2588.21	95	60.95
42	20.5	62.81	45.5	77.54	70.5	2573.36	95.5	67.45
43	21	69.18	46	69.98	71	2540.97	96	69.74
44	21.5	70.88	46.5	66.60	71.5	2540.97	96.5	72.61
45	22	72.03	47	71.86	72	2561.53	97	81.28
46	22.5	68.79	47.5	67.14	72.5	2506.11	97.5	66.76
47	23	66.22	48	77.98	73	2514.78	98	77.98
48	23.5	78.80	48.5	67.69	73.5	2514.78	98.5	66.22
49	24	69.98	49	65.16	74	2500.35	99	62.95
50	24.5	61.59	49.5	63.31	74.5	2485.99	99.5	63.10

COARSE TUNE Pulse; Fundamental Frequency = 418MHz

	mSec	Level uV/m	mSec	Level uV/m	mSec	Level uV/m	mSec	Level uV/m
1	0	103.87	25	19611.01	50	6266.14	75	100.58
2	0.5	96.94	25.5	19656.22	50.5	6165.95	75.5	102.21
3	1	97.95	26	19543.39	51	6102.39	76	96.38
4	1.5	107.65	26.5	92.58	51.5	6039.49	76.5	95.61
5	2	86.70	27	109.77	52	6025.60	77	108.27
6	2.5	105.80	27.5	92.79	52.5	5929.25	77.5	101.39
7	3	117.49	28	84.14	53	5977.23	78	112.07
8	3.5	112.98	28.5	107.65	53.5	5908.81	78.5	99.20
9	4	100.00	29	93.54	54	5861.38	79	111.81
10	4.5	97.16	29.5	99.77	54.5	5861.38	79.5	102.45
11	5	110.66	30	106.78	55	5834.45	80	97.39
12	5.5	113.63	30.5	103.87	55.5	5847.90	80.5	104.95
13	6	111.17	31	100.81	56	5800.96	81	96.38
14	6.5	96.16	31.5	91.20	56.5	5814.33	81.5	93.33
15	7	99.20	32	93.54	57	5767.66	82	108.52
16	7.5	95.06	32.5	104.95	57.5	5787.62	82.5	103.63
17	8	119.67	33	104.71	58	5787.62	83	93.11
18	8.5	112.07	33.5	105.56	58.5	5741.16	83.5	92.36
19	9	95.61	34	102.45	59	5708.21	84	107.15
20	9.5	92.79	34.5	105.80	59.5	5741.16	84.5	93.33
21	10	101.16	35	93.54	60	5721.37	85	97.16
22	10.5	107.15	35.5	95.61	60.5	5721.37	85.5	99.20
23	11	107.15	36	98.74	61	5708.21	86	96.94
24	11.5	97.39	36.5	91.83	61.5	5695.08	86.5	92.58
25	12	105.56	37	136.30	62	5649.37	87	90.47
26	12.5	103.04	37.5	112.98	62.5	5695.08	87.5	97.39
27	13	98.74	38	98.51	63	5649.37	88	108.27
28	13.5	12345.25	38.5	93.33	63.5	5629.89	88.5	90.26
29	14	28281.34	39	107.40	64	5629.89	89	97.95
30	14.5	36057.86	39.5	94.62	64.5	5629.89	89.5	112.33
31	15	36349.63	40	102.45	65	5629.89	90	104.71
32	15.5	32433.96	40.5	101.39	65.5	5584.70	90.5	86.30
33	16	27227.01	41	103.28	66	106.17	91	112.72
34	16.5	24434.31	41.5	22594.36	66.5	97.95	91.5	91.52
35	17	23014.42	42	26607.25	67	123.31	92	132.28
36	17.5	22181.96	42.5	32923.05	67.5	89.33	92.5	86.50
37	18	21877.62	43	36349.63	68	104.95	93	95.83
38	18.5	21404.25	43.5	36057.86	68.5	94.62	93.5	127.06
39	19	21183.61	44	28807.13	69	108.27	94	89.54
40	19.5	20917.03	44.5	20346.98	69.5	105.80	94.5	97.72
41	20	20630.04	45	14706.18	70	96.61	95	94.84
42	20.5	20464.45	45.5	11601.12	70.5	91.52	95.5	104.71
43	21	20300.19	46	9749.90	71	92.58	96	100.35
44	21.5	20183.66	46.5	8619.86	71.5	87.90	96.5	91.83
45	22	20090.93	47	7879.52	72	102.80	97	111.17
46	22.5	19975.61	47.5	7311.39	72.5	96.16	97.5	100.58
47	23	19860.95	48	6950.24	73	93.11	98	108.89
48	23.5	19769.70	48.5	6729.77	73.5	95.61	98.5	109.40
49	24	19769.70	49	6538.83	74	114.55	99	103.63
50	24.5	19656.22	49.5	6419.48	74.5	90.47	99.5	104.47

FINE TUNE Pulses; Fundamental Frequency = 288MHz

	mSec	Level uV/m	mSec	Level uV/m	mSec	Level uV/m	mSec	Level uV/m
1	90	56.95	115	60.39	140	69.18	165	66.07
2	90.5	65.54	115.5	64.34	140.5	7709.03	165.5	65.54
3	91	65.77	116	61.73	141	7735.71	166	59.63
4	91.5	67.92	116.5	61.52	141.5	66.45	166.5	72.28
5	92	64.19	117	63.97	142	63.46	167	65.24
6	92.5	59.77	117.5	67.69	142.5	61.24	167.5	65.77
7	93	60.60	118	67.14	143	68.94	168	65.54
8	93.5	67.38	118.5	58.48	143.5	67.92	168.5	65.01
9	94	68.63	119	3140.51	144	79.25	169	65.39
10	94.5	66.30	119.5	65.77	144.5	61.87	169.5	61.73
11	95	62.95	120	63.68	145	59.43	170	59.91
12	95.5	78.80	120.5	69.74	145.5	57.54	170.5	60.74
13	96	60.74	121	60.74	146	71.61	171	61.24
14	96.5	60.60	121.5	73.88	146.5	67.92	171.5	73.88
15	97	1545.25	122	67.14	147	61.73	172	69.34
16	97.5	65.92	122.5	66.30	147.5	63.17	172.5	65.92
17	98	68.94	123	69.34	148	76.30	173	62.95
18	98.5	66.99	123.5	70.47	148.5	63.17	173.5	24575.37
19	99	63.31	124	61.73	149	76.03	174	72.86
20	99.5	62.30	124.5	66.83	149.5	62.30	174.5	73.03
21	100	68.94	125	68.79	150	65.54	175	64.49
22	100.5	72.44	125.5	62.81	150.5	68.39	175.5	76.03
23	101	79.25	126	66.45	151	59.16	176	62.45
24	101.5	59.63	126.5	64.49	151.5	13520.73	176.5	73.03
25	102	69.74	127	59.29	152	56.36	177	75.86
26	102.5	65.54	127.5	60.88	152.5	71.04	177.5	70.06
27	103	64.71	128	61.02	153	63.68	178	74.47
28	103.5	76.03	128.5	68.39	153.5	62.45	178.5	64.49
29	104	59.16	129	63.17	154	67.14	179	74.82
30	104.5	59.91	129.5	4780.79	154.5	60.74	179.5	66.45
31	105	65.01	130	4791.81	155	66.83	180	67.92
32	105.5	68.79	130.5	68.08	155.5	63.31	180.5	79.43
33	106	62.66	131	61.24	156	67.92	181	69.18
34	106.5	62.81	131.5	66.99	156.5	55.46	181.5	65.92
35	107	72.86	132	61.02	157	70.47	182	72.28
36	107.5	71.20	132.5	65.39	157.5	60.39	182.5	66.83
37	108	2210.55	133	66.60	158	76.47	183	81.66
38	108.5	63.97	133.5	60.26	158.5	71.20	183.5	58.82
39	109	56.62	134	53.03	159	71.61	184	9954.05
40	109.5	68.23	134.5	68.23	159.5	75.68	184.5	8081.65
41	110	62.16	135	66.45	160	56.17	185	74.47
42	110.5	66.30	135.5	66.45	160.5	61.73	185.5	59.77
43	111	65.24	136	66.30	161	63.31	186	68.39
44	111.5	66.83	136.5	65.39	161.5	63.17	186.5	60.26
45	112	69.18	137	73.88	162	62.66	187	66.83
46	112.5	64.86	137.5	65.01	162.5	20137.24	187.5	65.54
47	113	62.95	138	65.54	163	61.02	188	68.79
48	113.5	65.39	138.5	72.28	163.5	56.49	188.5	59.29
49	114	61.02	139	75.08	164	64.19	189	68.63
50	114.5	69.74	139.5	77.54	164.5	61.87	189.5	60.74

FINE TUNE Pulses; Fundamental Frequency = 310MHz

	mSec	Level uV/m	mSec	Level uV/m	mSec	Level uV/m	mSec	Level uV/m
1	90	73.79	115	67.45	140	76.47	165	70.55
2	90.5	69.18	115.5	78.16	140.5	75.86	165.5	77.98
3	91	68.79	116	70.55	141	15066.07	166	71.12
4	91.5	66.22	116.5	71.29	141.5	72.61	166.5	71.86
5	92	70.88	117	72.28	142	65.84	167	66.76
6	92.5	67.69	117.5	64.34	142.5	63.83	167.5	62.81
7	93	64.64	118	68.00	143	79.62	168	78.16
8	93.5	71.45	118.5	72.86	143.5	74.47	168.5	66.22
9	94	73.79	119	7153.19	144	62.09	169	70.71
10	94.5	70.71	119.5	7136.74	144.5	67.84	169.5	63.97
11	95	76.74	120	80.08	145	72.28	170	78.34
12	95.5	80.35	120.5	79.62	145.5	62.09	170.5	72.86
13	96	73.62	121	66.37	146	68.79	171	77.09
14	96.5	66.22	121.5	66.76	146.5	75.68	171.5	68.55
15	97	70.15	122	66.07	147	63.83	172	75.51
16	97.5	3926.45	122.5	66.91	147.5	81.94	172.5	71.12
17	98	72.28	123	74.90	148	69.18	173	69.42
18	98.5	68.79	123.5	79.89	148.5	69.74	173.5	13819.74
19	99	66.91	124	75.08	149	65.39	174	11053.50
20	99.5	68.23	124.5	69.18	149.5	65.01	174.5	65.16
21	100	69.18	125	93.97	150	72.44	175	71.29
22	100.5	72.61	125.5	66.60	150.5	63.97	175.5	77.09
23	101	69.18	126	68.39	151	71.12	176	72.86
24	101.5	75.68	126.5	74.90	151.5	73.62	176.5	65.39
25	102	66.37	127	68.94	152	19746.95	177	69.98
26	102.5	86.20	127.5	72.28	152.5	73.62	177.5	68.79
27	103	74.22	128	61.45	153	69.58	178	67.84
28	103.5	62.45	128.5	73.79	153.5	62.09	178.5	70.15
29	104	75.51	129	70.71	154	62.45	179	74.64
30	104.5	62.45	129.5	81.00	154.5	74.22	179.5	69.18
31	105	72.28	130	10244.72	155	81.47	180	68.23
32	105.5	63.46	130.5	68.94	155.5	69.74	180.5	63.83
33	106	65.01	131	68.55	156	63.83	181	64.49
34	106.5	69.98	131.5	63.97	156.5	78.98	181.5	66.37
35	107	63.61	132	63.46	157	63.31	182	73.20
36	107.5	70.71	132.5	69.98	157.5	74.90	182.5	87.40
37	108	5040.81	133	63.61	158	68.23	183	70.31
38	108.5	5122.71	133.5	66.60	158.5	66.91	183.5	59.22
39	109	65.54	134	74.22	159	72.03	184	63.10
40	109.5	65.54	134.5	71.86	159.5	70.31	184.5	72.28
41	110	77.71	135	73.45	160	65.01	185	9429.75
42	110.5	66.37	135.5	82.13	160.5	64.64	185.5	66.91
43	111	73.79	136	70.31	161	65.69	186	74.64
44	111.5	65.69	136.5	76.47	161.5	70.71	186.5	74.22
45	112	67.45	137	67.45	162	70.71	187	69.74
46	112.5	69.98	137.5	67.30	162.5	19952.62	187.5	71.12
47	113	84.53	138	72.03	163	18706.82	188	85.90
48	113.5	57.21	138.5	68.39	163.5	64.64	188.5	67.69
49	114	71.45	139	63.46	164	63.97	189	65.54
50	114.5	67.30	139.5	69.42	164.5	78.80	189.5	72.03

FINE TUNE Pulses; Fundamental Frequency = 418MHz

	mSec	Level uV/m	mSec	Level uV/m	mSec	Level uV/m	mSec	Level uV/m
1	99.5	105.80	124.5	103.63	149.5	98.17	174.5	94.62
2	100	93.54	125	96.16	150	114.16	175	94.30
3	100.5	93.33	125.5	97.72	150.5	104.47	175.5	106.78
4	101	103.04	126	97.39	151	92.36	176	98.51
5	101.5	32322.13	126.5	114.95	151.5	102.21	176.5	103.04
6	102	100.81	127	97.95	152	106.54	177	91.52
7	102.5	116.28	127.5	110.92	152.5	92.58	177.5	92.58
8	103	96.94	128	36728.23	153	118.44	178	112.72
9	103.5	108.27	128.5	104.11	153.5	109.40	178.5	100.81
10	104	95.06	129	101.98	154	108.52	179	107.15
11	104.5	95.39	129.5	101.16	154.5	35359.00	179.5	95.39
12	105	103.87	130	97.16	155	96.94	180	89.74
13	105.5	101.62	130.5	89.02	155.5	114.16	180.5	106.17
14	106	111.17	131	102.45	156	94.08	181	31550.05
15	106.5	101.62	131.5	114.68	156.5	98.74	181.5	31477.48
16	107	103.87	132	105.56	157	114.68	182	106.78
17	107.5	114.55	132.5	95.61	157.5	98.17	182.5	97.72
18	108	106.54	133	95.39	158	103.28	183	105.56
19	108.5	96.38	133.5	100.35	158.5	108.52	183.5	96.38
20	109	103.63	134	99.77	159	87.20	184	88.82
21	109.5	96.16	134.5	105.56	159.5	104.47	184.5	123.03
22	110	98.97	135	111.17	160	102.80	185	97.95
23	110.5	98.74	135.5	101.16	160.5	94.84	185.5	110.03
24	111	103.28	136	93.11	161	118.71	186	111.17
25	111.5	104.71	136.5	101.16	161.5	94.30	186.5	90.78
26	112	111.17	137	114.95	162	117.49	187	93.11
27	112.5	91.52	137.5	90.47	162.5	101.98	187.5	112.98
28	113	108.02	138	85.61	163	104.47	188	106.78
29	113.5	97.16	138.5	100.35	163.5	96.16	188.5	101.16
30	114	92.36	139	110.03	164	106.17	189	103.28
31	114.5	91.83	139.5	101.98	164.5	108.89	189.5	104.11
32	115	36224.30	140	97.95	165	101.98	190	110.66
33	115.5	108.27	140.5	100.58	165.5	110.28	190.5	95.06
34	116	93.54	141	36643.76	166	96.38	191	89.74
35	116.5	90.78	141.5	36349.63	166.5	90.05	191.5	106.78
36	117	98.97	142	94.08	167	103.87	192	101.16
37	117.5	102.80	142.5	98.97	167.5	32322.13	192.5	104.71
38	118	98.97	143	115.61	168	33075.01	193	102.80
39	118.5	111.17	143.5	100.81	168.5	98.74	193.5	97.39
40	119	103.28	144	98.51	169	98.74	194	110.66
41	119.5	95.39	144.5	100.81	169.5	107.40	194.5	29922.65
42	120	93.11	145	109.14	170	112.07	195	101.98
43	120.5	100.00	145.5	106.78	170.5	98.74	195.5	105.56
44	121	95.83	146	100.81	171	103.04	196	108.89
45	121.5	98.97	146.5	104.11	171.5	95.61	196.5	110.03
46	122	99.77	147	110.28	172	101.62	197	85.80
47	122.5	126.04	147.5	107.65	172.5	101.16	197.5	101.16
48	123	111.43	148	107.40	173	101.62	198	110.66
49	123.5	93.86	148.5	99.20	173.5	91.52	198.5	109.14
50	124	102.80	149	96.38	174	103.04	199	111.17